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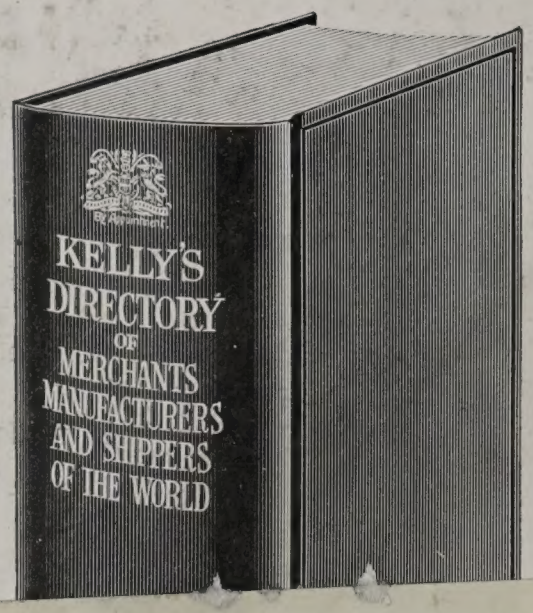

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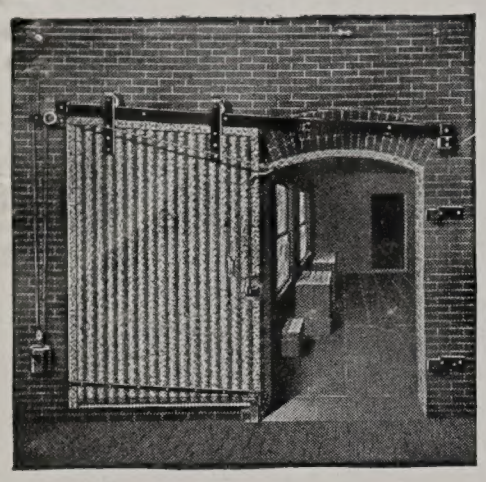

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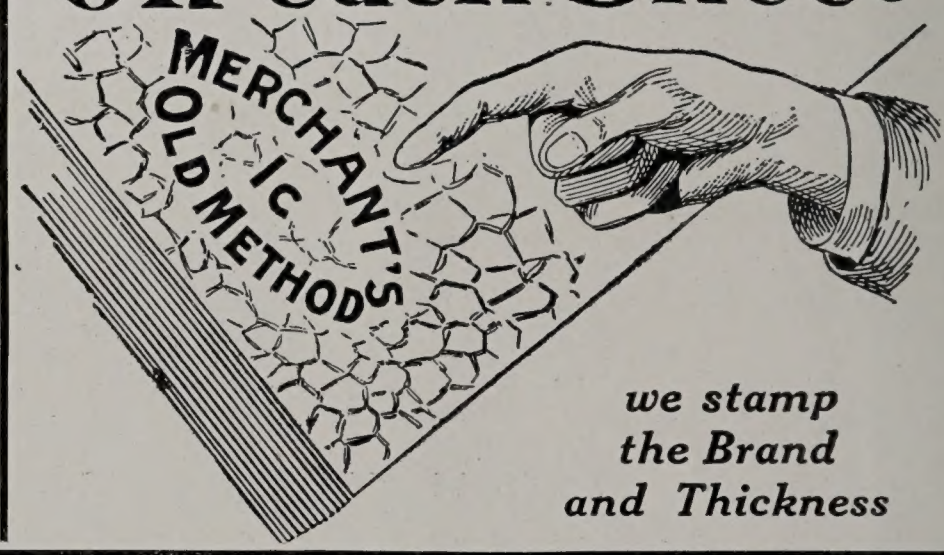

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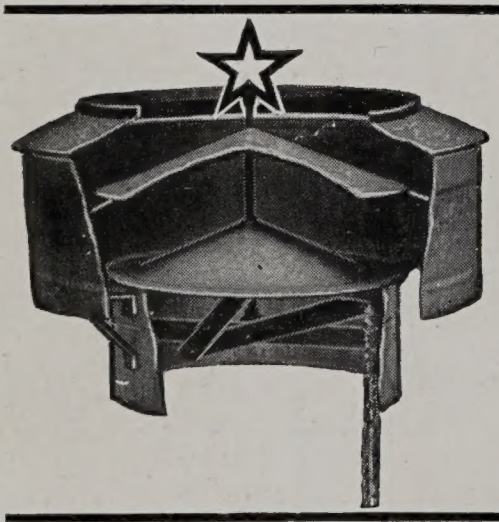

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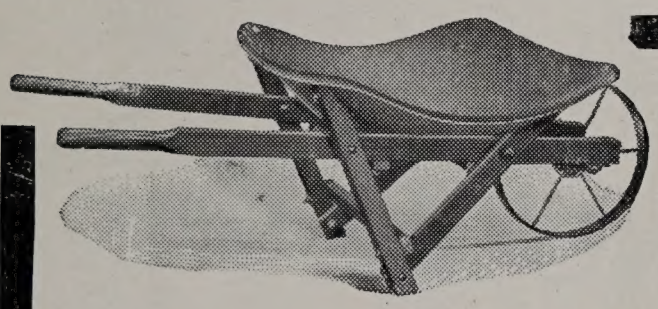

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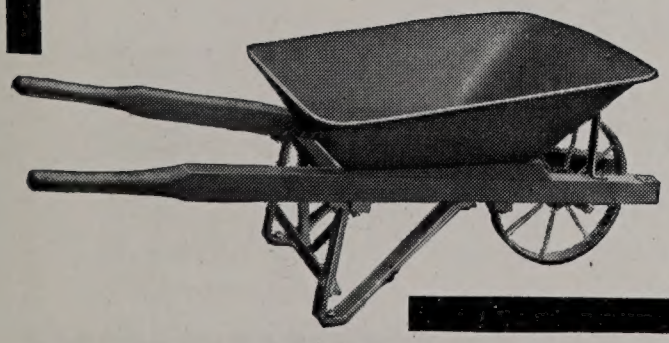

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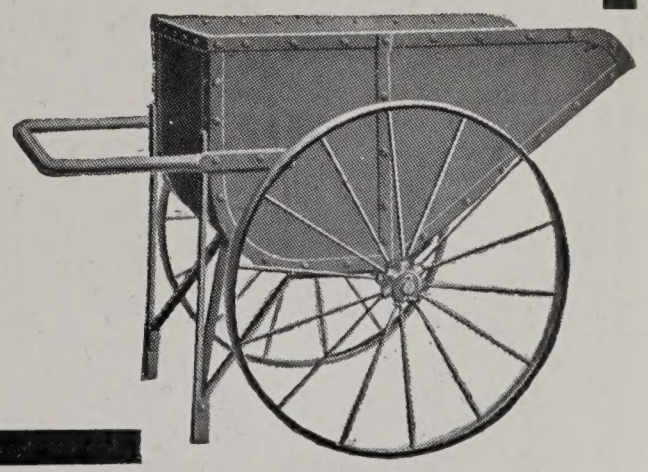

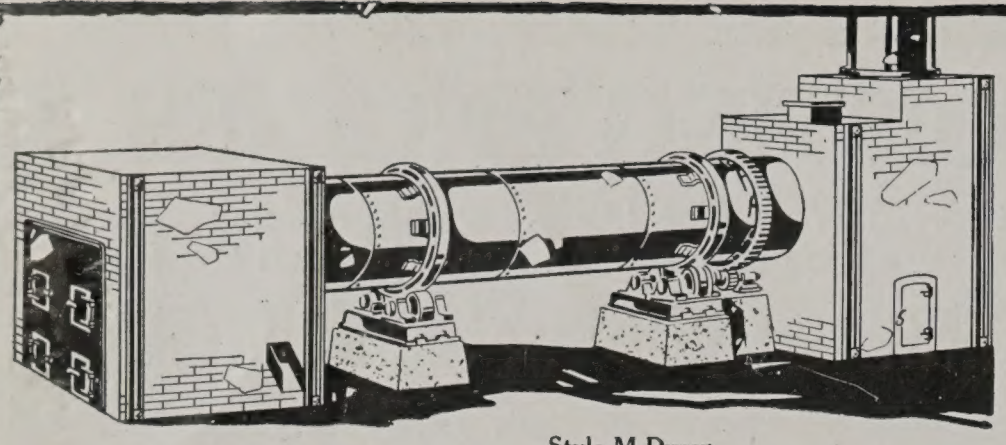

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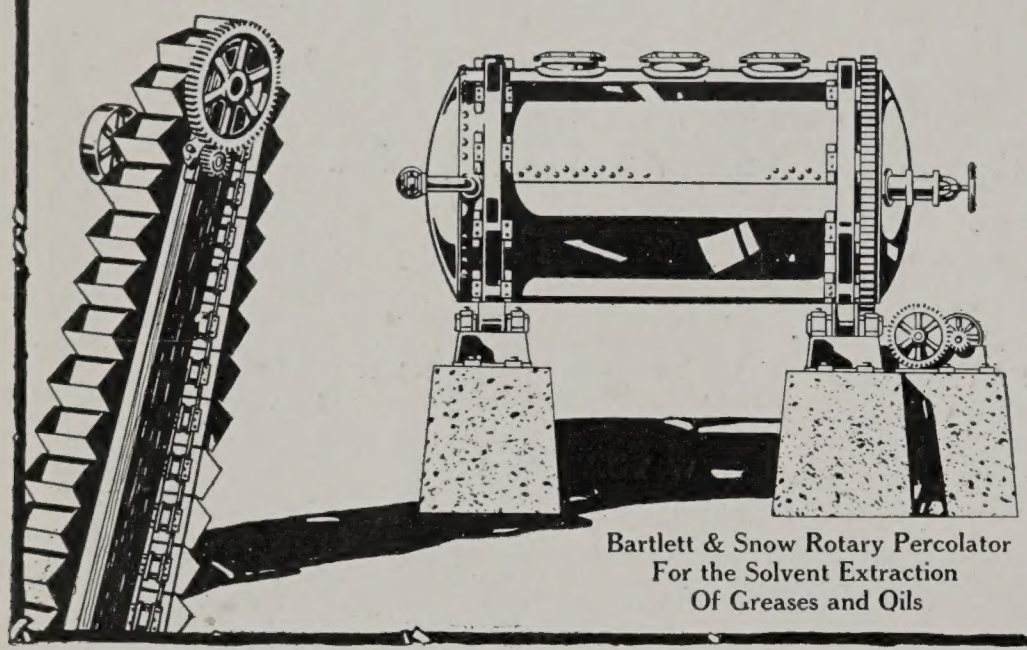

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Preface

IN presenting this new—27th annual—edition of "HENDRICKS' COMMERCIAL REGISTER" the publishers would draw attention to the fact that it has been revised and corrected up to the latest possible moment.

The information contained therein has been compiled from data supplied by the concerns listed, obtained by our representatives on personal calls or received direct in response to a request for such particulars.

This original and reliable information will be appreciated by our subscribers and as a consequence the work merits a continuance of the patronage it has so long enjoyed.

The publishers invite suggestions for the improvement of the book which will be gratefully received and acted upon as far as practicable.

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INDEX TO TRADE CLASSIFICATIONS

FOR INDEX TO NAMES OF ADVERTISERS WITH THEIR BRANCH OFFICES, SEE END OF BOOK

NOTE.—The cross references following many of the classifications are inserted to draw attention to other branches of business connected with such classifications, and a little study of them will often result in the finding of desired information which at first glance might appear to be omitted

Many of the names listed under the classifications to which this Index refers are followed by detail matter, trade names, etc. This information is invaluable to buyers and should be closely observed, as it is a special feature of the work. See also separate Trade Names, Brands, etc., Section page 1669.

Classifications which are marked thus * in the body of the Register are inserted for concerns using this publication for publicity purposes. Other concerns in similar lines of business will always be found under the standard classifications.

We earnestly hope that all new firms connected with the industries included in this Register will send us their business cards, and thus aid us to maintain our high standards of excellence.

Business changes, additions or corrections for the next edition will be thankfully received and INSERTED FREE OF CHARGE.

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Chicago, Illinois
Sheet, Rod, Tube, Wire

HENDRICKS' COMMERCIAL REGISTER

OF THE UNITED STATES

FOR BUYERS AND SELLERS

27th EDITION 1918-1919

CLASSIFIED TRADES SECTION

Classifications marked thus * are inserted for concerns using this publication for publicity purposes. Other concerns in similar lines of business will be found under standard classifications.

Note.—The "Index to Classifications" should always be referred to when the desired information is not found in alphabetical order in the following pages. Many articles of a similar nature only appear under one general classification. For example, "galvanized steel sheets" cannot be found under the letter "G," but a reference to the "Index to Classifications" shows them at classification 6715, and when that number is looked at the required information is given under the listing of "Iron and Steel Sheet (Black and Galvanized)."

1— Abrasives

See also Emery & Corundum Manufacturers

Abrasive Mining Mfg. Co., Plymouth, Ind.
Am. Steel Wool Mfg. Co., 45 Greenwich, New York
Ashland Emery & Corundum Co., E. Cambridge, Boston, Mass.
Behr, H., & Co., 61 B'way, New York
Bennett-O'Connell Co., 3600 S. Morgan, Chicago, Ill.
Burns, E., Reed Supply Co., 27 Jackson, B'klyn, N. Y.
Carborundum Co., Niagara Falls, N. Y.
Crown Rheostat & Supply Co., 17 S. Desplaines, Chicago, Ill.
Exolon Co., Cambridge, Mass.
General Abrasive Co., Niagara Falls, N. Y.
Goldschmidt Thermit Co., 120 B'way, New York
Griffiths, K. F., & Co., 81 Fulton, New York
Hampden Corundum Wheel Co., Springfield, Mass.
Handy & Harman, 59 Cedar, New York
Hason & Van Winkle Co., 269 Oliver, Newark, N. J.
Keystone Emery Mills, 4325 Paul, Phila., Pa.
Munning-Loeb Co., Matawan, N. J.
Niagara Emery Mills, Lockport, N. Y.
Norton Co., Worcester, Mass.
Pittsburg Crushed Steel Co., 61st & A. V. R. R., Pittsburgh, Pa.
Rhodes, Jas. H., Co., Grand Rapids, Mich.
Speare's, Alden, Sons Co., 149 B'way, New York
Star Corundum Wheel Co., 241 Cavalry av, Detroit, Mich.
Stiles, H. A., & Co., 97 Oliver, Boston, Mass.
Vitrified Wheel Co., Westfield, Mass.
Washington Mills Emery Mfg. Co., No. Grafton, Mass.

1a— Abrasives (Sand Blast)

Harrison Supply Co. ("Diamond Grit," "New Process," "Chilled Shot"), 5 Dorchester av, Boston, Mass.

2—Absorbers (Tungsten Shock)

Benjamin Electric Mfg. Co., 128 S Sangamon, Chicago, Ill.
See adv index at end of book

3— Absorption Towers

Chemical Construction Co., Charlotte, N. C.
Graham Chas. Chemical Pottery Works, 986 Metropolitan av, Brooklyn, N. Y.

4—*Accident Preventers for Machinery

Lockhart-Hodge Co., Inc. ("Jones" for Wood Working Machinery), White bldg, Buffalo, N. Y.

5—*Accident Preventers for Machinery, Presses, Etc.

(For Preventing Accidents to Workmen)
See also Press Attachments for Preventing Accidents

GEUDER, PAESCHKE & FREY CO. ("Cream City," Automatic), Milwaukee, Wis.
See adv index & branch offices at end of book
Lockhart-Hodge Co., Inc. ("Jones" for Wood Working Machinery), 12 Waverly, Buffalo, N. Y.
Safety First Supply Co., Hartje bldg, Pittsburgh, Pa.

6— Account Register & System

Globe Register Co., 2412 Reading rd, Cincinnati, Ohio
Hainer Bookkeeping Machine Co. ("Hainer"), 45 Williard av, Providence, R. I.
McCaskey Register Co., Alliance, O.
Maxwell Filing System Co., Cleveland, O.
Safe Acct. Register Co., Canton, O.
Simple Account Salesbook Co. (Account Salesbook), Fremont, O.
Thomas-Peter Co. ("Canton"), Canton, O.

Accumulators (Chloride)

See Batteries, Storage

7— Accumulators (Hydraulic)

Allen Machine Co., Erie, Pa.
Alliance Machine Co., Alliance, O.
Bethlehem Steel Co., South Bethlehem, Pa.
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Birmingham Iron Foundry, Derby, Conn.
DUNNING & BOSCHERT PRESS CO. INC. (Weighted), 379 W Water, Syracuse, N. Y. *See adv index at end of book*
Buckeye Iron & Brass Works, Dayton, O.
Burroughs Chas. Co., 141 Commerce, Newark, N. J.
Cardwell Machine Co., Richmond, Va.
Chambersburg Engng. Co., Chambersburg, Pa.
Columbiana Boiler Co., Columbiana, O.
CROSSLEY MACHINE CO., State & Chestnut av, Trenton, N. J.
See adv index at end of book
ELMES CHAS. F. ENGINEERING WKS., INC., cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
Farrel Foundry & Machine Co., Ansonia, Conn.
French Oil Mill Machinery Co. (For Cottonseed & Linseed Oil Mills, etc), Piqua, O.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Hydraulic Press Mfg. Co., Mt. Gilead, O.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 B'way, New York
See adv index at end of book
Leetonia Boiler Co., Leetonia, O.
Logemann Bros. Co., 3130 Burleigh, Milwaukee, Wis.
Mackintosh, Hemphill & Co., Pittsburgh, Pa.
Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book
MORGAN ENGINEERING CO., Alliance, Ohio *See adv index at end of book*
Niles-Bement-Pond Co., 111 B'way, New York
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
Penn. Engineering Works, New Castle, Pa.
Robertson Jno. & Co., 133 Water, Brooklyn, N. Y.
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
Southwark Fdry. & Machine Co., 430 Washington av, Phila., Pa.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
Thomas Albright Co., Goshen, Ind.
Tod William, Youngstown, O.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Treadwell Engineering Co., Easton, Pa.
United Engng. & Fdry. Co., 307 5th av, Pittsburgh, Pa.
Waterbury Farrel Fdry. & Machine Co., Waterbury, Conn.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*
Wood R. D. & Co., 400 Chestnut, Phila., Pa.
Wood Wm. H., Media, Pa.
Woodard Machine Co., Wooster, O.
Worthington Pump & Machinery Corp., 115 B'way, New York
See adv index at end of book

8— Accumulators (Steam)

Wood R. D. & Co., 400 Chestnut, Phila., Pa.

9— Acetanilide

Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Merck & Co., 45 Park pl, New York
Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.

10-11-12— Acetate Ethyl

Anderson Chemical Co., Wallington, N. J.
Du Pont Chemical Works (U. S. P. & Pure), 120 B'way, New York
Hercules Powder Co., Wilmington, Del.
See adv index at end of book

Acetate of Alumina

See Alumina

Acetate of Chrome

See Chronium Acetate

Acetate of Lead

See Lead, Acetate

13— Acetate of Lime

Beerston Acetate Co., Olean, N. Y.
Boyne City Chemical Co., Boyne City, Mich.
Buckhannon Chemical Co., Olean, N. Y.
Cadillac Chemical Co. (Grey), Cadillac, Mich.
Clawson Chemical Co., Ridgway, Pa.

ACETATE OF LIME—continued
Coryville Chemical Co., Bradford, Pa.
Cummer-Diggins Co., Cadillac, Mich.
Florida Wood Products Co., Jacksonville, Fla.
Forest Chemical Co., Sheffield, Pa.
Gray Wm. S. & Co. (Jobber), 80 Maiden la, New York
Heinemann Chemical Co., Olean, N. Y.
Kingsport Wood Reduction Co., Kingsport, Tenn.
Lewis Run Mfg. Co., Bradford, Pa.
McKean Chemical Co., Williamsport, Pa.
Marvindale Chemical Co., Bradford, Pa.
Maryland Wood Products Co., Bradford, Pa.
Mashek Chemical & Iron Co., Wells, Mich.
Newton Chemical Co., Olean, N. Y.
Noble Electric Steel Co., 995 Market, San Francisco, Cal.
Norwich Chemical Co., Crosby, Pa.
Nusbaum Chemical Co., Bradford, Pa.
Oswaygo Chemical Co., Bradford, Pa.
Otto Chemical Co., Williamsport, Pa.
Russell Chemical Co., Ltd., Russell, Pa.
Smith A. B. Chemical Co., Buffalo, N. Y.
Sullivan Chemical Co., Acidalia, N. Y.
Treyz G. I., Cooks Falls, N. Y.
Wyman Chemical Co., Port Alleghany, Pa.

Acetate of Soda

See Sodium, Acetate

14— Acetic Anhydride

Warner Chemical Co., 52 Vanderbilt av, New York

15— Acetine

Bischoff C. & Co. (Imp), 451 Washington, New York

16— Acetone

Albany Chemical Co., Albany, N. Y.
Cleveland-Cliffs Iron Co., Rockefeller bldg, Cleveland, O.
Erkenbrach Geo. A. Co., 115 Maiden la, New York
Fuller, Ralph L., & Co., Inc., 2 Rector, New York. *See adv index at end of book*
Gray Wm. S. & Co. (Jobber), 80 Maiden la, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Phila.
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Mashek Chemical & Iron Co. (Metnyl), Wells, Mich.
National Aniline & Chemical Co., 21 Burling slip, New York
Roessler & Hasslacher Chemical Co., 100 William, New York

17— Acetphenetidin

American Aniline Products Co. Inc., 80 Fifth av, New York
Monsato Chemical Works, 1800 S 2d, St. Louis, Mo.

18— Acetyl Chloride

Warner Chemical Co., 52 Vanderbilt av, New York

18a— Acetylene

Air Reduction Sales Co., 120 B'way, New York
Commercial Acetylene Supply Co. (For Welding & Cutting), 80 Broadway, New York
K. G. Welding & Cutting Co. (Compressed), 556 W. 34th, New York
See adv index at end of book
Prestolite Co., Inc. (Dissolved Acetylene), Crawfordsville, Indianapolis, Ind.
Searchlight Co. (Compressed), 900 So. Michigan av, Chicago, Ill.

18b— *Acetylene Generators

See also Burners, Acetylene; also Generators, Acetylene; also Gas Machines, Acetylene

For welding pressure suitable only for welding or cutting operations, have great advantages over low pressure generators for the work mentioned.
MACLEOD CO., 2227 Bogen St., Cincinnati, O.

19— Acetylene Tetrachloride

Bischoff C. & Co. (Imp), 451 Washington, New York

PATENTS
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Munn & Co., 699 Woolworth Bldg., N. Y.
Washington Office: 625 F Street, Washington, D. C.

20— Acid (Acetic)

Butterworth-Judson Corp., 61 B'way, New York
Cleveland-Cliffs Iron Co., Rockefeller bldg, Cleveland, Ohio
C. P. N. CHEMICAL CO., Inc., 78 Reade, New York, and 231 West Huron, Chicago, Ill.
Eastwood Chemical Co., Belleville, N. J.
Fuerst Bros. & Co., 2 Stone, New York
Fuller, Ralph L., & Co., Inc., 2 Rector, New York *See adv index at end of book*
General Chemical Co., 25 Broad, New York
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Harrisons Works (Du Pont), Phila., Pa.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Kalbflesch Corp., 31 Union sq., New York
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Lennig Chas. & Co., 112 S Front, Phila., Pa.
McKesson & Robbins (Imp), 91 Fulton, New York
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Marden, Orth & Hastings Co., 61 B'way, New York.
Merrimac Chemical Co., 148 State, Boston, Mass.
Naugatuck Chemical Co., Naugatuck, Conn.
Nusbaum Chemical Co., Bradford, Pa.
Penna. Salt Mfg. Co., Widener bldg, Phila., Pa.
Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.
Thomsen Chemical Co., Munsey bldg, Baltimore, Md.

21— Acid (Acetic, Crude)

Avery Chemical Co., 88 Broad, Boston, Mass.
Eastwood Chemical Co., Belleville, N. J.
Florida Wood Products Co, Jacksonville, Fla.
Forest Products Co., 1212 Whitney, New Orleans, La.
Ga. Pine Turpentine Co., 158 Perry, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Spiritine Chem. Co. (Refined), Wilmington, N. C.

21a— Acid (Arsenic)

Thomsen Chemical Co., Race & Windler, Baltimore, Md.

Acid (Arsenious)

See Arsenic, White

21b— Acid (Battery)

See also Chemicals, battery

Cochrane Chemical Co., 148 State, Boston, Mass.
Contact Process Co., Buffalo, N. Y.
Riverside Acid Wks, Warren, Pa.

22— Acid (Benzoic)

British-American Chemical Co., 52 Vanderbilt av, New York
Commonwealth Chemical Corp., Hoboken, N. J.
C. P. N. CHEMICAL CO., INC., 78 Reade, New York, & 231 West Huron, Chicago, Ill.
Fuller, Ralph L., & Co., Inc., 2 Rector, New York *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Klipstein A. & Co. (Imp), 644 Greenwich, New York
National Aniline & Chemical Co., 21 Burling slip, New York

23— Acid (Boric)

Chrystal Chas. B., 13 Cliff, New York
See adv index at end of book
Croton Chemical Co. (Refined, Selling Agent), 14 Cedar, New York
Drakenfeld B. F. & Co. (Flaky, Refined, Imp), 50 Murray, New York

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Klipstein A. & Co. (Imp), 644 Greenwich, New York
National Aniline & Chemical Co., Inc., 21 Burling slip, New York
Pacific Coast Borax Co. (Refined), Oakland, Cal.
Pfizer Charles & Co. (Crystals, Granular & Powdered), 81 Maiden Lane, New York
Thorkildsen-Mather Co. ("Sterling"), 111 W Monroe, Chicago, Ill.
Wiarda John C. & Co. (Jobbers), 273 Greene, Brooklyn, N. Y.

24— Acid (Butyric)

Klipstein A. & Co. (Imported), 644 Greenwich, New York
Mallinckrodt Chemical Works, 2nd & Mallinckrodt, St. Louis, Mo.
Merck & Co., 45 Park pl, New York
Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.

25—Acid (Calcium Phosphate)

Victor Chemical Wks., Fisher bldg, Chicago, Ill.

26— Acid (Carbolic)

Albany Chemical Co., Albany, N. Y.
Allen Chemical Co., Allentown, Pa.
Amerman & Patterson (Imported), 21 State, New York
Barrett Co., 17 Battery pl, New York
Bayway Chemical Co., Elizabeth, N. J.
Bischoff C. & Co. (Imported), 451 Washington, New York
Butterworth-Judson Corp., 61 B'way, New York
Chatfield Mfg. Co., Carthage, Cinn., O.
C. P. N. CHEMICAL CO., INC., 78 Reade, New York, & 231 West Huron, Chicago, Ill.
DANA & CO., INC., 111 B'way, New York
See adv index at end of book
Dow Chemical Co., Midland, Mich.
Fuerst Bros. & Co., 2 Stone, New York
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Hoffmann-La Roche Chemical Works, 440 Washington, New York
Klipstein A. & Co. (Crude, Crystal & Liquid, Imp), 644 Greenwich, New York
Lehn & Fink (Imported), 120 William, New York
McKesson & Robbins (Imp.),. 91 Fulton, New York
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Merck & Co., 45 Park Pl., New York
National Aniline & Chemical Co. (White, Crystals & Conde), 21 Burling slip, New York
Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.
Roessler & Hasslacher Chemical Co. (Crystal & Liquid), 100 William, New York
Schieffelin & Co. (Imp), 170 William, New York
Semet-Solvay Co., Syracuse, N. Y.

27— Acid (Chromic)

Anatron Chemical Co., B'way & 16th, New York
General Carbonic Co., Bridge, Albany, N. Y.
Klipstein A. & Co. (Imp), 644 Greenwich, New York

28— Acid (Citric)

Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Kilpstein A. & Co. (Crystal & Powder, Imp), 644 Greenwich, New York
National Aniline & Chemical Co., Inc., 21 Burling slip, New York
Pfizer Chas. & Co. (Crystals, Granular & Powdered), 81 Maiden Lane, New York
Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.

Acid (Cresylic)

See Acid, Carbolic; also Cresol

29— Acid (Dipping)

Kalbfleisch Corp., 31 Union sq., New York

30— Acid Eggs

Bethlehem Fdry. & Mach. Co., S. Bethlehem, Pa.
BUFFALO FOUNDRY & MACHINE CO. (Cast Iron), 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Devine J. P. Co., Buffalo, N. Y.
Duriron Castings Co. ("Duriron" Acid Proof), Dayton, O.
Knight Maurice A., East Akron, O.
Moore Bros. Co., Elizabeth, N. J.
Pratt Engineering & Machine Co., Atlanta, Ga.
Treadwell M. H. Co. of Illinois, 208 S La Salle, Chicago, Ill.
United States Stoneware Co. (Glazed Stoneware), Akron, O.
Valk & Murdoch Co., Charleston, S. C.

31— Acid (Formic)

Bischoff C. & Co. (Imported), 451 Washington, New York
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
Geisenheimer & Co. (Imported), 134 Cedar, New York
Klipstein A. & Co. (Imp), 644 Greenwich, New York

32— Acid (Gallic)

American Alkali & Acid Co., Bradford, Pa.
Bischoff C. & Co. (Imp), 451 Washington, New York
Cooper Chas. & Co., 194 Worth, New York
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
Roessler & Hasslacher Chemical Co., 100 William, New York

Acid (Hydrochloric)

See Acid, Nitric & Muriatic

33— Acid (Hydrofluoric)

Baker J. T. Chemical Co., Phillipsburg, N. J.
Baker & Adamson Chemical Co., Easton, Pa.
Commercial Chemical Co., Ludington bldg, Chicago, Ill.
Feuchtwanger L. & Co., 136 Liberty, New York
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
General Chemical Co. (For Etching & Polishing Glass), 25 Broad, New York

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Hydrofluoric Mfg. Co. (For Cleaning Castings), York, Pa.
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Naugatuck Chemical Co., Nagauatuck, Conn.
Rhodes Jas. H. & Co., 157 W Austin av, Chicago, Ill.
Riverside Acid Works, Warren, Pa.
Thomsen Chemical Co., Munsey bldg, Baltimore, Md.
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

34— Acid (Hydrosilicofluoric)

General Chemical Co., 25 Broad, New York

35— Acid (Lactic)

American Alkali & Acid Co., Bradford, Pa.
Avery Chemical Co., 88 Broad, Boston, Mass.
Bischoff C. & Co. (Imp), 451 Washington, New York
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
Harrison Works (Du Pont), 3500 Gray's Ferry rd, Phila., Pa.
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Woolner & Co., Peoria, Ill.

36— Acid (Linoleic)

Klipstein A. & Co. (Imp), 644 Greenwich, New York

37— Acid (Malic)

Merck & Co., 45 Park pl, New York

38— Acid (Mixed)

Butterworth-Judson Co., 61 B'way, New York
Contact Process Co., Abbott, Buffalo, N. Y.
Detroit Chem. Wks, 238 Junction av, Detroit, Mich.
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
General Chem. Co., 25 Broad, New York
Harrison Works (Du Pont), 3500 Gray's Ferry rd, Phila., Pa.

39— Acid (Molybdic)

Heil Henry Chemical Co., St. Louis, Mo.

MOLYBDIC ACID
85 to 88%
C. P. for Laboratories
HERMAN A. HOLZ
2 Madison Ave., New York

YORK METAL & ALLOY CO., York, Pa.

40— Acid (Nitric & Muriatic)

American High Explosive Co., Empire bldg, Pittsburgh, Pa.
Baker J. T. Chemical Co. (Nitric only), Phillipsburg, N. J.
Butterworth-Judson Corp. (Nitric), 61 B'way, New York
CLINCHFIELD PRODUCTS CORP'N (Muriatic only), 120 B'way, New York
See adv index at end of book
Commercial Acid Co., Boatman's Bank bldg, St. Louis, Mo.
Condensite Co. of Am. (Muriatic), Bloomfield, N. J.
Contact Process Co., Buffalo,, N Y.
Cooper Chas. & Co., 194 Worth, New York
C. P. N. CHEMICAL CO., INC., 78 Reade, New York, & 231 West Huron, Chicago, Ill.
Detroit Chemical Works (Nitric), Detroit, Mich
Erkenbrach Geo. A. Co. (Nitric), 115 Maiden la, New York
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
General Chemical Co., 25 Broad, New York
General Chemical Co. (For Iron & Steel Mfrs.), 25 Broad, New York
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Harrison Works (Du Pont), Phila., Pa.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Hooker Electric Chemical Co. (Hydrochloric), 40 Wall, New York
See adv index at end of book
Kalkfleisch Corp. (Nitric), 31 Union sq, New York
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Lening Chas. & Co., 112 S Front, Phila., Pa.
Mallinckrodt Chemical Works (C. P.), 2d & Mallinckrodt, St. Louis, Mo.
Merrimac Chemical Co., 148 State, Boston, Mass.
Mountain Copper Co., Ltd., 332 Pine ("Mococo"), San Francisco, Cal.
National Zinc Co., 61 B'way, New York
Naugatuck Chemical Co., Naugatuck, Conn.
Niagara Alkali Co. (Muriatic, only free from Arsenic), Niagara Falls, N. Y.
Penna. Salt Mfg. Co., Widener bldg, Phila., Pa.
Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.
Riverside Acid Wks. (Muriatic), Warren, Pa.
San Francisco Chemical Co., 332 Pine, San Francisco, Cal.
Thomsen Chemical Co., Munsey bldg, Baltimore, Md.
Western Chemical Mfg. Co. (Commercial etc), Denver, Colo.

Acid (Oleic)

See Oils, Red

41— Acid (Oleum)

See Acid, Sulphuric Fuming

42— Acid (Oxalic)

American Alkali & Acid Co., Bradford, Pa.
Bischoff C. & Co. (German), 451 Washington, New York
Chrystal Chas. B., 13 Cliff, New York
See adv index at end of book
Commercial Chemical Co. (Powdered), Ludington bldg, Chicago, Ill.
C. P. N. CHEMICAL CO., INC., 78 Reade, New York, & 231 West Huron, Chicago, Ill.
Ducas B. P. Co. (Imp.), 25 S William, New York
Fuerst Bros. & Co., 2 Stone, New York
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Innis, Speiden & Co., Inc. (Imported), 46 Cliff, New York
See adv index at end of book
Klipstein A. & Co. (Imp.), 644 Greenwich, New York
McKesson & Robbins (Imp.), 91 Fulton, New York
National Aniline & Chemical Co., 21 Burling slip, New York
Roessler & Hasslacher Chemical Co. (Imported), 100 William, New York
Tennant C. Sons & Co. of N. Y. (Imp), 100 William, New York
Victor Chemical Wks., Fisher bldg, Chicago, Ill.

43— Acid Phosphate

Adair A. D. & McCarty Bros., Atlanta, Ga.
Alexander G. S. & Co., Inc. (Brokers), 61 B'way, New York
See adv index at end of book
American Agricultural Chemical Co., 2 Rector, New York
Arkansas Fertilizer Co., Little Rock, Ark.
Armour Fertilizer Works, U. S. Yards, Chicago, Ill.
Barker Chemical Co., Savannah, Ga.
Baugh & Sons Co., 20 S Delaware av, Phila., Pa.
Davison Chemical Co., Garrett bldg, Baltimore, Md.
Empire State Chemical Co., Athens, Ga.
Furman Farm Improvement Co., Atlanta, Ga.
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Gulfport Fertilizer Co., Gulfport, Miss.
International Agricultural Corporation, 61 B'way, New York
Jarecki Chemical Co., Sandusky, O.
Lang J. M. & Co. (Brokers), Savannah, Ga.

ACID PHOSPHATE—continued
Marietta Fertilizer Co., Atlanta, Ga.
McCabe Chemical Co., Charleston, S. C.
Mt. Pleasant Fertilizer Co., Mt. Pleasant, Tenn.
New Orleans Acid & Fertilizer Co. ("Bull-Dog"), Gretna, La.
Nitrate Agencies Co., 102 Pearl, New York
Old Dominion Guano Co., Atlanta, Ga.
Painter E. O. Fertilizer Co., Jacksonville, Fla.
Planters Fertilizer & Chemical Co., 509 Hibernia, New Orleans, La.
Provident Chemical Wks., St. Louis, Mo.
Rasin-Monumental Co., National Marine Bank bldg, Baltimore, Md.
Royster F. S. Guano Co., Norfolk, Va.
Southern Seed Co., Louisville, Ky.
Standard Wholesale Phosphate Co., Continental bldg, Baltimore, Md.
Swift & Co., Atlanta, Ga.
Swift & Co., Union Stock Yards, Chicago, Ill.
Tennessee Fertilizer Co., Albany, Ga.
Thomas I. P. & Son Co., Drexel bldg. Phila., Pa.
Troup Co., La Grange, Ga.
Tupelo Fertilizer Factory, Tupelo, Miss.
Virginia-Carolina Chemical Co., Richmond, Va.
Wuichet Fertilizer Co., Dayton, O.

44— Acid (Phosphoric)

Bowker Chemical Co., 2 Rector, New York
C. P. N. CHEMICAL CO., INC., 78 Reade, New York, & 231 West Huron, Chicago, Ill.
General Chemical Co., 25 Broad, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Innis Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*
Katzenbach & Bullock Co., 100 William, New York
Klipstein A. & Co. (Imp), 644 Greenwich, New York
National Aniline & Chemical Co., 21 Burling slip, New York
Nitrated Chemicals Co., Inc., Lorain, O.
Roessler & Hasslacher Chemical Co., (Syrup & Glacial), 100 William, New York
Thomsen Chemical Co., Munsey bldg, Baltimore, Md.
Victor Chemical Wks., Fisher bldg., Chicago, Ill.
Warner Chemical Co. (1,400 S G), 52 Vanderbilt av, New York

44a— Acid (Picramic)

Butterworth Judson Corp., 61 B'way, New York

45— Acid Plants (Complete)

Atlanta Utility Works, Atlanta, Ga.
Chemical Construction Co. (Sulphuric, Nitric & Hydrochloric), Charlotte, N. C.
Devine J. P. Co., Buffalo, N. Y.
GUARANTEE CONSTRUCTION CO., 140 Cedar, New York
O'Brien A. P., Richmond, Va.
Pratt Engineering & Machine Co., Atlanta, Ga.

46— Acid Plugs & Seats

Pratt Engineering & Machine Co., Atlanta, Ga.

47— Acid (Pyrogallic)

Berlin Aniline Works (Imp), 213 Water, New York
Bischoff C. & Co. (Imp), 451 Washington, New York
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.

Acid (Pyroligneous)

See Acid, Acetic, Crude

48— Acid (Salicylic)

British-American Chemical Co., 52 Vanderbilt av, New York
Butterworth-Judson Corp., 61 B'way, New York
C. P. N. CHEMICAL CO., INC., 78 Reade, New York, & 231 West Huron, Chicago, Ill.
Fuerst Bros. & Co., 2 Stone, New York
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Heyden Chemical Works, Garfield, N. J.
Merrell W. S. Chemical Co. (Natural), 5th & Pike & Butler, Cincinnati, O.
National Aniline & Chemical Co., Inc., 21 Burling slip, New York
Semet-Solvay Co. (Acetyl), Syracuse, N. Y.

48a—*Acid (Salicylic, Picric, Hydrochloric & Sludge

See also Acid, Nitric & Muriatic

Du Pont Chemical Works, 120 B'way, New York

49— Acid (Stannic)

Drakenfeld B. F. & Co. (Dealer), 50 Murray, New York

50— Acid (Stearic)

Celina Stearic Acid Co., Celina, O.
Chrystal Chas. B., 13 Cliff, New York *See adv index at end of book*
Emery Candle Co., Cincinnati, O.
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
Gross A. & Co., 90 West, New York
Harkness & Cowing Co., Murray av & Carthage Pike, St. B., Cincinnati, O.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Jacob Chas. W. & Allison (Imp), 18 Cedar, New York
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Kuh E. S. & Valk Co. (Imp), Produce Exch., New York
National Aniline & Chemical Co., Inc., 21 Burling slip, New York
Proctor & Gamble Co., Gwynne bldg, Cincinnati, O.
Rub-No-More Co., Ft. Wayne, Ind.
Smith & Nichols (Imported), 121 Maiden Lane, New York
Strahl & Pitsch (Imported), 141 Front, New York
Virginia Products Corp., 3rd & 8th, Baltimore, Md.
Will & Baumer Co., Syracuse, N. Y.

50a— Acid (Sulphanilic)

Agawam Chem. Wks., Grosvenor. bldg. Prov., R. I.
Calco Chemical Co., Bound Brook, N. J.
Chemical Co. of America, 28 Platt, New York
Marden, Orth & Hastings Co., 61 B'way, New York

51— Acid (Sulphuric)

For Technical Use Only

Alexander G. S. & Co., Inc. (Brokers), 61 B'way, New York *See adv index at end of book*
American Alkali & Acid Co., Bradford, Pa.
American High Explosives Co., Empire bldg, Pittsburgh, Pa.
American Lead & Smelting Co., 120 B'way, New York
American Metal Co., 61 B'way, New York
Avery Chemical Co., 88 Broad, Boston, Mass.
Baker J. T. Chemical Co., Phillipsburg, N. J.
Baugh & Sons Co., The (Selling Agents), 25 So Calvert, Baltimore, Md.
Butterworth-Judson Corp., 61 B'way, New York
Cleveland Cliff Iron Co., Rockefeller bldg, Cleveland, O.
Commercial Acid Co., Boatsman's Bank bldg, St. Louis, Mo.
Contact Process Co. (Also Fuming), Buffalo, N. Y.
Cooper Chas. & Co., 194 Worth, New York
C. P. N. CHEMICAL CO., INC., 78 Reade, New York, & 231 West Huron, Chicago, Ill.
Davison Chemical Co., Garrett bldg, Baltimore, Md.
Ducktown Sulphur, Copper & Iron Co., Isabella, Tenn.
Du Pont E. J. de Nemours & Co. (By-Products Division), Wilmington, Del.
Fuller, Ralph L. & Co., Inc., 2 Rector New York *See adv index at end of book*
General Chemical Co. (Also Fuming Sulphuric), 25 Broad, New York
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Harrison Works (Du Pont), Phila., Pa.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Hegeler Zinc Co., Danville, Ill.
Illinois Zinc Co., Peru, Ill.
Kalbfleisch Corp., 31 Union Square, New York
Lancaster Chemical Co., Lancaster, Pa.
Lanyon Robert Zinc & Acid Co., Hillsboro, Ill.
Lening Chas. & Co., 112 S Front, Phila., Pa.
Mallinckrodt Chemical Works (C P), 2d & Mallinckrodt, St. Louis, Mo.
Matthiessen & Hegeler Zinc Co., La Salle, Ill.
McCabe Chemical Co., Charleston, S. C.
Mechling Bros. Mfg. Co., Camden, N. J.
Merrimac Chemical Co., 148 State, Boston, Mass.
Mineral Point Zinc Co., 140 S Dearborn, Chicago,, Ill. Works: Mineral Point, Wis.
National Zinc Co., 61 B'way, New York
Naugatuck Chemical Co., Naugatuck, Conn.
New Jersey Zinc Co., 55 Wall, New York
Penna. Salt Mfg. Co. (Fuming, etc), Widener bldg, Phila., Pa.
Planters' Fertilizer & Phosphate Co., Charleston, S. C.
Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.
Riverside Acid Works (Mfrs 50, 60 & 66 Electrolyte), Warren, Pa.
Royster Chemical Wks., Norfolk, Va.
Royster F. S. Guano Co., Norfolk, Va.
San Francisco Chemical Co., 332 Pine, San Francisco, Cal.
Standard Acid Works (50°, 60°, 66° Acid & Fume Acid 66%), Continental bldg, Baltimore, Md.
Stauffer Chemical Co., 624 California, San Francisco, Cal.
Tennessee Copper Co., 61 B'way, New York
Thomsen Chemical Co., Munsey bldg, Baltimore, Md.
United Zinc Smelting Corp., 99 John, New York
Virginia-Carolina Chemical Co., Richmond, Va.
Western Chemical Mfg. Co., Denver, Colo.

51a—Acid (Sulphuric Brimstone)

C. P. N. CHEMICAL CO., 78 Reade, New York & 231 W. Huron, Chicago, Ill.

52— Acid (Sulphuric, Fuming)

Butterworth-Judson Corp., 61 B'way, New York
Contact Process Co., Buffalo, N. Y.
General Chemical Co., 25 Broad, New York
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
National Zinc Co., 61 B'way, New York
Penna. Salt Mfg. Co., Widener bldg, Phila., Pa.
Tennessee Fertilizer Co., Albany, Ga.

52a— Acid (Sulphuric, Substitute)

Research Mfg. Co., Oak Lane, Phila., Pa.

53— Acid (Tannic)

Bredt F. & Co., 240 Water, New York
Chilhowie Extract Co., Newport, Tenn.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Pfizer Chas. & Co., 81 Maiden la, New York
Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER

54— Acid (Tartaric)

Fuller, Ralph L., & Co., Inc., 2 Rector, New York. *See adv index at end of book*

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Klipstein A. & Co. (Imp), 644 Greenwich, New York
National Aniline & Chemical Co., Inc., 21 Burling slip, New York
Pfizer Chas. & Co. (Crystals, Granulated & Powdered), 81 Maiden Lane, New York
Tartar Chemical Co., 156 5th av, New York

55— Acid (Tungstic)

Mineral Product Mfg. Co., Equitable bldg, Wilmington, Del.
Primos Chemical Co., Primos, Pa.
Tungsten Products Co., Boulder, Col.
YORK METAL & ALLOY CO. ("Grade A"), York, Pa.

56— Acid Vessels

See also Jars, Acid

Bishop Gutta-Percha Co., 420 E 25th, New York
Eimer & Amend, 205 3d av, New York
General Ceramics Co. (Stone Coave Storage Vessels), 50 Church, New York
Gutta Percha & Rubber Mfg. Co. (Acid Pails), 126 Duane, New York

57— Acid (Vulcanizing)

Ashcraft-Wilkinson Co., Atlanta, Ga.
Empire Tire & Rubber Corp., East Trenton, N. J. *See adv index at end of book*

58— Acid (White)

General Chemical Co. (For Frosting Glass), 25 Broad, New York
Wiarda John C. & Co. (For Frosting), 273 Greene, Brooklyn, N. Y.

59-60— Acidometers

Tagliabue Chas. J. Mfg. Co. ("Twichell's"), 18 33d, Brooklyn, N. Y.

61— Acids (Wood)

Corbett M. J. & Co., Binghamton, N. Y.
Corbett & Stuart, Binghamton, N. Y.
Georgia Pine Turpentine Co. (Crude), 158 Perry, New York
Leighton Arthur Co., Methol, N. Y.
Luzerne Chemical Co., Pittston, Pa.
Penn Chemical Co., Susquehanna, Pa.
Wright Chemical Co., Susquehanna, Pa.

62— Aconitine

Hoffmann-La Roche Chemical Works, 440 Washington, New York

Acousticons

See Audiphones

63— Actions (Piano)

Abbott Piano Action Co., Fort Lee, N. J.
Amphion Piano Player Co. (pneumatic), Syracuse, N. Y.
American Player Action Co., 717 East 140th, New York
Auto Pneumatic Action Co., 627 W 50th, New York
Cheney A. C. Piano Action Co., Castleton, N. Y.
Englehardt Piano Co., St. Johnsville, N. Y.
Estes E. B. & Sons (Wood Parts), 364 5th av, New York
See adv index at end of book
Kurtz Action Co., Rockford, Ill.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Piano & Organ Supply Co., 2132 N Racine av, Chicago, Ill.
Seaverns Piano Action Co., Buffalo, N. Y.
Standard Action Co., Cambridge, Mass.
Standard Pneumatic Action Co., 638 W 52d, New York

64—Adapters (Conduit Bushing)

Steel City Electric Co. ("Steel City"), 1207 Columbus av, Pittsburgh, Pa.

65— Adapters (Lamp)

Arrow Electric Co., Hartford, Conn.
Benjamin Electric Mfg. Co. (Tungsten), 128 S Sangamon, Chicago, Ill.
See adv index at end of book
Bryant Electric Co., Bridgeport, Conn.
Central Telephone & Electric Co. ("Ajax" Tungsten), 310 N 11th, St. Louis, Mo.
Culver-Stearns Mfg. Co., Worcester, Mass.
Dale Lighting Fixture Co. (Tungsten), 107 W 13th, New York
Erikson L. Electric Co. (Tungsten Adjustable Joint), 6 Portland, Boston, Mass.
Faw J. H., 41 Warren, New York.
Federal Sign System (Electric), 640 W Lake, Chicago, Ill.
GENERAL ELECTRIC CO., Schenectady, N. Y.
See adv index at end of book
Hubbell Harvey, Bridgeport, Conn.
Mayer & Reichert (Combination Electric & Gas Adapter & Cock), 84 Evergreen av, Brooklyn, N. Y.
Metal Specialties Mfg. Co., 338 N Kedzie av, Chicago, Ill.
MORSE FRANK W. ("Handy," for Candleabra, Ediswan, Standard, Mogal, English & French), 293 Congress, Boston, Mass. *See adv index at end of book*
Plume & Atwood Mfg. Co. (Auto & Reading), 470 Bank, Waterbury, Conn.
Rosen A. W. & Co., 610 B'way, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
White J. H. Mfg. Co., 111 N 3d, Brooklyn, N. Y.

66— Addressing & Mailing

BOSTON MAILING CO. (Letters), 394 Atlantic av, Boston, Mass.

67—Adjusters (Automatic Slack)

American Brake Co. ("Westinghouse"), 1932 N B'way, St. Louis, Mo.

68— Adjusters (Brake Slack)

American Brake Co., 1932 N B'way, St. Louis, Mo.
Chicago Railway Equipment Co. ("Creco"), 1928 W 46th, Chicago, Ill.
Gould Coupler Co., 30 E 42d, New York
Holden & White, Fisher bldg, Chicago, Ill.
Smith-Ward Brake Co., Inc., 17 Battery pl, New York
Standard Coupler Co. ("Shim" Automatic), 30 Church, New York
Western Railway Equipment Co. ("Acme" Automatic), Central Nat'l Bk bldg, St. Louis, Mo.

69— Adjusters (Chain)

Hamachek Frank ("Ideal," for Link-Chain Belting), Kewaunee, Wis.

70— Adjusters (Lamp)

MORSE FRANK W. ("Webster"), 289 Congress, Boston, Mass.
See adv index at end of book

71— Adjusters (Lamp Cord)

American Enamel Co., Providence, R. I.
American Vulcanized Fibre Co. ("Q. & C."), 504 Equitable bldg, Wilmington, Del.
Anderson Elec. Specialty Co., 562 W. Van Buren, Chicago, Ill.
Austin M. B. & Co. ("Gem"), 706 W Jackson blvd, Chicago, Ill.
Baltes H. A., Garwood, N. J.
Carter J. W. & Co., Abilene, Texas
Chicago Fire Apparatus Co., 625 W. Washington, Chicago, Ill.
Condit Electrical Mfg. Co. ("Saca" Shock Absorbers & Cord Adjuster), 1st & L, Boston, Mass.
Crouse-Hinds Co., Syracuse, N. Y.
DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works: Marshallton, Del.
See adv index at end of book
Diamond State Fibre Co. (Fibre), Elsmere, Del.
Electric Specialty Mfg. Co. ("King"), Moorhead bldg, Pittsburgh, Pa.
ESTES, E. B. & SONS (Electric), 364 5th av, New York
See adv index at end of book
Frantz Mfg. Co. ("Lightning"), Sterling, Ill.
Gay Mfg. Co., Rochester, N. Y.
Greenville Mfg. Co., Greenville, Pa.
Gund Mfg. Co., La Crosse, Wis.
Hagstrom Bros. Mfg. Co., Lindsborg, Kan.
Ham E. W. Electric Co., Worcester, Mass.
Harley Co., Springfield, Mass.
Harter Co., Waukegan, Ill.
Indispensable Mfg. Co., San Francisco, Cal.
McGill Mfg. Co. ("Innovate"), 77 Oak, Valparaiso, Ind.
See adv index at end of book
Milam B. C. & Son, Frankfort, Ky.
MORSE FRANK W. ("Morse" Automatic "Handy"), 289 Congress, Boston, Mass.
See adv index at end of book
Novelty Turning Co., Norway, Me.
Phelps Mfg. Co., 265 Jefferson av, Detroit, Mich.
Runzel-Lenz Electric Mfg. Co. ("R-L" Telephone cord adjuster), 1751 N Western av, Chicago, Ill.
Standard Fibre Co., Miller st, Somerville, Mass.
Stewart Frank H. Electric Co., 35 N 7th, Phila., Pa.
Trumbull Electric Mfg. Co. ("Ideal"), Plainville, Conn.
Union Electric Mfg. Co. ("Gem"), 110 Reed, Milwaukee, Wis.
WILMINGTON FIBRE SPECIALTY CO., Wilmington, Del.
See adv index at end of book
Yost Elec. Mfg. Co. ("Electrogrip"), Toledo, Ohio

Adjusters (Shade)

See Adjusters, Window Shade

72-3—Adjusters (Switch Plate)

Electric Apparatus Co., 127 S Green, Chicago, Ill.

74—Adjusters (Window Casement)

Casement Hardware Co. ("Holdfast," "Bull Dog"), 9 S Clinton, Chicago, Ill.
Champion Hardware Co. ("Champion," Casement Window), Geneva, O.
Dent Hardware Co., Fullerton Pa.
Ellison Brass Mfg. Co., Jamestown, N. Y.
Grant Pulley & Hardware Co., 101 Park av, New York
Holbrook H. E. Co. ("Whitney"), 200 Devonshire, Boston, Mass.
Ives H. B. Co., New Haven, Conn.
Parsons Mfg. Co., 411 So Clinton, Chicago, Ill.
Payson Mfg. Co., 2918 W Jackson blvd, Chicago, Ill.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Rixson Oscar C. Co., 501 S Jefferson, Chicago, Ill.
Russell & Erwin Mfg. Co., New Britain, Conn.
Safe Padlock & H'dwe Co, Lancaster, Pa.
Sargent & Co., New Haven, Conn.
Tabor Sash Fixture Co. (Aut.), 63 Polk, Newark, N. J.
Weber-Knapp Co. (Wrought Brass Window), Jamestown, N. Y.
Wilkins Geo. Lester (For Swingout Casements), 7077 N Clark, Chicago, Ill.
Yale & Towne Mfg. Co., 9 E 40th, New York
Zimmerman H. ("Zimmerman," Window), Fremont, O.

75—Adjusters (Window Shade)

Allen Shade Holder Co., 46 Cornhill, Boston, Mass.
Ives H. B. Co., New Haven, Conn.
Lancaster Clamp Window Shade Pull Co. ("Clamp" adjusts and pulls the shade up or down), Lancaster, Pa.

76—Adjusters (Window Stop)

Grant Pulley & Hardware Co., 101 Park av, New York
Ives H. B. Co., New Haven, Conn.
Lumley & Denly Co., Astabulo, O.

76a—Advance Construction & Industrial Information

DAILY BULLETIN, PUBLISHED BY MANUFACTURERS RECORD, Baltimore, Md.
See adv index at end of book

77— Advertising Counsellors

Advertising Laboratories, The (Technical), Canton, O.
Chamberlin Co. (Technical Service, Steam & Mechanical Engineering, etc), Kresge bldg, Detroit, Mich.
Gibson Geo. H. Co. (Steam & Mechanical Engineering, etc), 154 Nassau, New York
Kuhl & Bent Co. (Printers, Lithographers, Embossers, High Class Form Letters, etc), 732 Sherman, Chicago, Ill.
McLain-Hadden-Simpers Co. (Steam & Mechanical Engineering, etc), 210 W. Washington sq, Phila., Pa.
OPPENHEIM, RAMSEY CO. INC. (Mail Advertising in all its Branches), 618 Mission, San Francisco, Cal.
Reece & Crittenden Co., Cleveland, O.
Rickard & Sloan, 20 Vesey, New York
Russell-DeWolfe Co. (Machinery & Mill Supply Catalogs, Technical Advertising, Literature), 537 S Dearborn, Chicago, Ill.
Snow Walter B., 136 Federal, Boston, Mass.
Waring, Vechten Co. (Advertising Writing, Printing, Illustrating & Booklets, Catalogues, etc.), 37 E 28th, New York
Wightman Lucius I. (Counsellor & Consulting Engineer in Technical Advertising & Marketing Exclusively), 50 Union sq, New York

78—*Advertising Devices (Automatic)

Newman Mfg. Co., 717 Sycamore, Cincinnati, O., & 68 W Washingon, Chicago, Ill.
See adv index at end of book

79—Advertising Novelties & Specialties

See also Index for Adv. Rules, Tapes, etc
See also Metal Novelties & Specialties
Advertising Leather Specialty Co. (Leather), 303 Mercer, New York
Advtg. Novelty Co., Spokane, Wash.
Advertising Specialty Co., 1280 Turk, San Francisco, Cal.
Agents' Supply Co., Ft. Wayne, Ind.
Allen Jno. L. & Bros., 28 Bremen, Buffalo, N. Y.
Aluminum Container Corp. (Aluminum Cards, Boxes & Clocks), Fulton, New York
Aluminum Goods Mfg. Co. (Aluminum), Manitowoc, Wis.
Aluminum Sign Co., Kewaunee, Wis.
Aluminum Specialty Co., Manitowoc, Wis.
American Art Sign Co., 201 37th, Brooklyn, N. Y.
American Art Works (Calendars, Celluloid & Leather Novelties, Pocket Books & Diaries, etc), Coshocton, O.
American Blank Book Mfg. Co. (Leather), 150 Lafayette, New York
American Badge Co. (Metal Fobs, Celluloid Novelties, etc), 143 W Austin av, Chicago, Ill.
Am. Emblem Co., Inc. (Metal), 333 Columbia, Utica, N. Y.
American Luminous Products Co. (Clocks, Danger Signals, Bulbs, Boxes, Calenders, Switch Plates), Watts, Los Angeles, Cal.
American Mfg. Concern (Full Line of Woolen Novelties), Falconer, N. Y.
Am. Spec. Co., 9 Vose, Rochester, N. Y.
Anderson W. A. & Co. (Leather), 83 Fulton, New York
Anthe Phil J. & Co., Cincinnati, Ohio
Arcadia Advg. Spec. Co., Newark, N. J.
Arcadia Advertising Specialties Co., Inc., (Blotters), Newark, N. Y.
Architects Card File Co., 35 Montgomery, San Francisco, Cal.
Arms Leather Novelties Co. (Memo. Book & Leather Novelties), Amherst, Mass.
Armstrong Paul, 564 W 160th, New York
Art Novelty Co., 216 So. W Temple, Salt Lake City, Utah
Art-Stone Mfg. Co. (Plaster Casts. Statuettes, etc), 282 9th av, New York
Atwater S. I., 101 Lafayette, New York
Automatic Call Advg. Clock Co., Portland, Ore.
Automatic Equip. Co., 261 B'way, New York
Attracto Co., Tretz bldg, Phila., Pa.
Bainbridge Chas. J., Syracuse, N. Y.
Badges & Buttons Co., Richmond, Va.
Badger Calendar Co., 790 Buffum, Milwaukee, Wis.
Bain Fred B., Royal Ins. bldg, San Francisco, Cal.
Baker Advtg. Co., 428 Central block, Pueblo, Colo.
Balch Bros. & West, Utica, N. Y.
Barnhardt Bros. & Spindler, Monroe & Throop, Chicago, Ill.
Barlow Co. (Brass, Copper, etc), Holyoke, Mass.
Barwell Spec. Co., Canton, Ohio
Bastian Bros. Co. (Celluloid & Metal), Rochester, N. Y.
Beach Leather Co., Coshocton, O.
Beckman Thos. J. Co., 310-316 N 11th, Philadelphia, Pa.
Bedford Aluminum & Specialty Co., 4 Reade, New York
Bell Co., 105 Public sq, Nashville, Tenn.
Bell Mfg. Co., 207-209 E 26th, Chicago, Ill.
Bellevue Mfg. Co., Lee, Mass.
Bemis Bro. Bag Co. (Aprons, Blankets, School Bags, Fac-Similie Bags & Paper Bags), 601 S 4th, St. Louis, Mo.
Berg Bros. (Leather), 480 B'way, New York
Berlin Fabric Mfg. Co. (Dust Caps, Cloth Advertising Novelties), Berlin, Wis.
Best Mfg. Co. (Calendars, Card & Novelties), New Haven, Conn.
Blackwell F. E. (Auto Adv. Specialties), 630 Mission, San Francisco, Cal.
Blanchard Bros. (Pencils, Penholders & Round Handle Utilities), 19th, Brooklyn, N. Y.
Blanchard Isaac H. Co., 418 W 20th, New York
Bogert & Hopper (Rules), 67 Barclay, New York
Borderland Can Co., 321 Trust bldg, El Paso, Texas
Bostwick-Goodell Co. (Wooden Specialties), Norwalk, O.
Boyeson H. C. & Co., 350 Minnesota, St. Paul, Minn.
Bradford & Co. (Leather), St. Joseph, Mich.
Brassington John, Inc., Milwaukee, Wis.
Brazel Novelty Mfg. Co. (Aerial Ads), 1710 Ella, Cincinnati, O.
Broderick Co., 223 E 4th, St. Paul, Minn.
Broome & Herbeg Co., Coshocton, Ohio
Bruml Hy. Co., 110 Liberty, New York
Business Reviving Co., Oblong, Ill.
Bullman E. O. Mfg. Co., Grand Rapids. Mich.
Burgess W. C. & F. D. (Blotters), Newark, N. J.
Calcium Light Advtg. Co., Newburgh, N.Y.
Calendar Spec. Co., 113 South, New York
Canton Cutlery Co. (High Grade Photo Pocket Knives), Canton, O.
Canton Glass Co. (Glass Paperweights and any Special Designs made from Blue Prints or Models), Marion, Ind
Canwood Novelty Mfg. Co.,Danville, Ill.
Carlton Service Chicago, 538 S Dearborn, Chicago, Ill.
Carpenter L. A. Press. Metal Co. (Brass & Steel), Cambridge, Mass.
Carroll J. Bruce (Celluloid, Metal & Paper Specialties, Rules, Stamps, Books, Umbrella Tags, Mirrors, Blotters, Memo Books, Paper Cutters, Flag Pins, Match Safes, Leather Watch Fobs, Pencils. etc), 3057 Carroll, Chicago, Ill.
Catalogue Equipment & Supply Co. (Loose Leaf Devices), Allston, Boston, Mass.
Chester Advtg. Co., 202 W 3rd, Chester, Pa.
Cleophas Chas & Co., Beloit, Wis.
Colson W. O. Co., 118-20-22 S Main, Paris, Ill.
Com. Utilities Mfg. Co., 160 N 5th av, Chicago, Ill.
Continental Fibre Co. (Vulcanized Fibre). Newark Centre, Del.
Cook Chas K. Co. (Leather), 211-213 S Second, Camden, N. J.
Corthaus A. C. Spec. Co., 403 Grand av. Milwaukee, Wis.
Coshocton Art Leather Co., Coshocton, O
Coshocton Specialty Co., Coshocton, O.
Craig Shop Ye (Leather), Buffalo, N. Y.
Crescent Advtg. Nov. Co., New Orleans, La.
Crescent Leather Goods Co., 16 W 19th, New York
Cruver Mfg. Co., Chicago, Ill.
Daniel & Reilly, Balto., Md.
Datz Albert Co., Jersey City, N. J.
Deaton, G. H. & Co., 171 No. Green, Chicago, Ill.
DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works: Marshallton, Del.
See adv index at end of book
Delta Co., 629-631 Main, Osage, Ia.
Diamond State Fibre Co. (Hard Fibre), Elsmere, Del.
Direct Advtg. Co., Erie, Pa.
Donker & Williams Co., 1322 Wabash av, Chicago, Ill.
Dunne Thos. Co., 415-417 Natchez, New Orleans, La.
Eastern Advtg. Co., 8 W 40th, New York
Eisenstark & Lipshitz (Leather), 297 Mercer, New York
Electro Chemical Engraving Co., 450 19th, Brooklyn, N. Y.
Elwood Myers Co., Springfield, Ohio
Engelhardt Jno. W. Co., New Orleans, La.
Estes E. B. & Sons (Full Line of Wooden & Turned Wood Novelties), 364 5th av, New York *See adv index at end of book*
Etching Co. of Am. (Brass), 2526 W Congress, Chicago, Ill.
Exclusive Advtg. Co., Oak Park, Ill.
Fergenspan C. & Co., Cincinnati, Ohio
Feis Chas J. Co., New York City, N. Y.
Felsenthal G. & Sons (Celluloid, Paper, Metal), 446 Wells, Chicago, Ill.
Firstenberg J., 382 E 40th, New York
Florin Philip (Leather), 465 Broome, New York
Fortuna Leather Co. (Leather), 5909 Park av, Phila.. Pa.
Fox Gustav Co. (Metal), Cincinnati, Ohio
Frank J. W. & Sons, Peoria, Ill.
Frank L. S. Advtg. Mfg. Co., St. Louis, Mo.
French E. W. Co., 1 Beekman, New York
Geiger Bros., 17-23 Nevada, Newark, N. J.
Gen Etching & Mfg. Co. (Etched Metal), 312-14-16 S Hamilton av, Chicago, Ill.
Geraghty & Co. (Celluloid Mirrors & Tape Measures, Nickel Match Boxes, Buttons, Flags, etc.), 3035 W Lake, Chicago, Ill.
Gilbert E. T. Mfg. Co., Rochester, N. Y.
Glogan & Co., Dickey bldg, Chicago, Ill.
Gohde Nov. Co., Viroqua, Wis.
Golden Rule Cutlery Co. (Metal), 1212 N Sheldon, Chicago, Ill.
Grand Rapids Calendar Co., 572-576 Division av S, Grand Rapids, Mich.
Gribble Advtg. Co., 78 Main, Galena, Ill.
Griffith C. A. Co., Bellingham, Wash.
Graeser Mfg. Co. (Paperweights), 55 Taggart, Pittsburgh, Pa.
Grammes L. F. & Sons (Metal), Allentown, Pa.
Guarantee Spec. Nov. Co., Rochester, N. Y.
Haeusermann Metal Mfg. Co., 3114 3rd Ave., New York
Hamilton Mfg. Co. (Leather), Portland, Me.
Hance J. W. Foundry Co., Westerville, O.
Hano Philip (Leather), 806 Greenwich. New York
Hauser & Weil (Leather), 142 5th av, New York
Hawkeye Advtg. Co., Clarinda, Ia.
Hero Mfg. Co. (Aluminum), Gaul & Adams, Phila., Pa.
Hoaghn Mfg. Co., Waupaca, Wis.
Hodes & Sullivan, 142 Fulton, New York
Holmes Mfg. Co., 161 W. Harrison, Chicago, Ill.
Holstead Sign & Nov. Co., Scimiter bldg, Memphis, Tenn.
Hoodwin J. W. Co. (Sales Boards & Cards), 2949 W. Van Buren, Chicago, Ill.
Huntsinger J. H. Adv. Mfg. Co., 2615-19 Walnut, Kansas City, Mo.
Ideal Specialties Mfg. Corp. (Calendar "Up to Date"), 436 E 9th, New York
Igelstroem Jno. Co., Massillon, Ohio
Illustrated Postal Card & Novelty Co., 141 E 25th, New York
Index Republican Co., Bellefontaine, Ohio
Itasca Mfg. Co. (Clocks, Calendar Pads, etc), 519 W Vanburen, Chicago, Ill.
Jackson W & Co., 39 So La Salle, Chicago, Ill.
Jeffries W. P. Co., 117-21 Winston, Los Angeles, Cal.
Johnson Ezra Novelty Co. (Leather), Newnan, Ga.
Kalamazoo Advtg. Co., Kalamazoo, Mich.
Kearby E. J. & Co., St. Joseph, Mo.
Keller Crescent Co., Princeton, Ind.
Kennedy Co., Seattle, Wash.
Kenyon Co., 303 Grand av, Des Moines, Ia.
Keystone Calendar & Printing Co., Wilkes-Barre, Pa.
Ketterlinus Lithographic Mfg. Co. (Calender Backs, Advertising Fans, Book Marks, Blotters, etc), 4th & Arch, Phila., Pa.
Knickerbocker Leather & Novelty Co., 79 5th av, New York

Knoell Mfg. Co., Tonawanda, N. Y.
Lambert P. W. & Co. (Leather), 64 Lispenard, New York
Lancaster Glass Co. (Glass Novelties), Lancaster, O.
Landa A. & Sons Co. (Leather), 1706 Foster av, Chicago, Ill.
Langfeld Bros. & Co. (Leather), 1421 Wallace, Phila., Pa.
Lemcke Meyer Novelty Co. (Leather), 1923 Mills av, **Norwood, Cincinati, O.**
Levy & Merzbach (Leather), 1255 B'way, New York
Liberty Nov. Co., Box 203, Salisbury, Md.
Livermore & Knight Co., Providence, R. I.
Lubbers & Bell Mfg. Co. (Fly Killers), Clinton, Iowa
Lufkin Rule Co. (Tapes & Rules), Saginaw, Mich.
Luxemoor Co. (Mats, Pillows, Pennants & Carved Felt), 100 Sumner, Boston, Mass.
Mack Jas. & Co., 18 S. 5th av, Chicago, Ill.
Malmsten Theo. E., 3517 No. av, Strass bldg., Milwaukee, Wis.
Marill Novelty & Metal Co., Walden, Mass.
Martin Luther E. Co., 411 Equitable bldg., Baltimore, Md.
Massillon Cleveland-Akron Sign Co., Massillon, O.
McCormick Co., Coshocton, O.
McKay Spec. Co., Anderson, Ind.
Meek J. F. Co., Coshocton, O.
Meeker Advertising Co., Third & Missouri av, Joplin, Mo.
Mellicke Calculator Co. (Metal), 352 N. Clark, Chicago, Ill.
Metal Specialties Mfg. Co., 338 N. Kedzie av, Chicago, Ill.
Metropolitan Imptg. & Mfg. Co. (Aluminum), 189-191 Sixth av, New York
Mills R. C. (Novelties), 525 Market, San Francisco, Cal.
Milan Independent, 107 Third, Milan, Ill.
Miller J. M. Co., 402 Matthews bldg., Milwaukee, Wis.
Miller Chas. M., Newport, N. H.
Moise-Klinkner Co., 369 Market, San Francisco, Cal.
Morgenstern & Brill (Leather), 26 W 17th, New York
Morse A. B. Co., St. Joseph, Mich.
Moody Mfg. Co., 280 Broadway, New York
Mossberg Frank Co. (Letter Openers, Pocket Cork Screws, Combination Pocket Tool, Bottle Openers, developing of any type of metal novelties), Attleboro, Mass.
Muerdter Emil, 1428 Hunting Park av, Phila., Pa.
Murphy Thos. D. & Co., Red Oak, Ia.
Myers Elwood Co. (Leather), Springfield, Ohio
Napier-Browning Co. (Celluloid), 105 W 40th, New York
National Advertising Co. (Yard Sticks & Novelties), Seneca Falls, N. Y.
National Sheet Metal Co. (Stamped from Nickelene or Nickeltin), Peru, Ill.
Natlonal Advertising Spec. Co., Cleveland, Ohio.
Nathan System, 113 So. 7th, Wilmington, N. C.
Neuer & Hoffman (Advertising Twine), 75 Grand, New York
Newark Elmer A. & Co., Charlotte, Mich.
New England Calendar & Novelty Co., 756 Main, Hartford, Conn.
New Jersey Novelty Adv. Co., Newark, N. J.
New Mexican Printing Co., Santa Fe, N. Mex.
Newhouse & Co. (Metal Goods), 127 N Dearborn, Chicago, Ill.
Niagara Falls Metal Stamping Works (Aluminum, Brass, Copper, etc), Niagara Falls, N. Y.
Noble F. H. & Co. (Metal), 555 W 59th, Chicago, Ill.
Novelty Advertising Co., Cochocton, O.
Novelty Cutlery Co. (Pocket Knives), Canton, O.
Novitas Sales Co. (Metal & Cardboard), Waltham, Mass.
O'Brien J. M. Co., 533 S. Grand av, Los Angeles, Cal.
Offerman F. J. Art Wks., 301 Broadway, Buffalo, N. Y.
Ohio Novelty Mfg. Co., Massillon, O.
Olive Baker Mfg. Co., 315 First av, N. Minneapolis, Minn.
Olmstead Bros. Co., 9 14th, Wheeling, W. Va.
Omaha Leather Co. (Leather), Omaha, Neb.
Ortmann A. & Son (Leather), 2340 3rd av, New York
Osborne Co. (Calendars & Novelties), 759 Summer av, Newark, N. J.
Paris Belt & Novelty Co. (Bather), 231 N Wills, Chicago, Ill.
Parrott Matt & Sons Co., Waterloo, Ia.
Peerless Leather Specialty Co., 54 Greene, New York
Pencil Printing Co., 140 S 4th, Phila., Pa.
Penton Advertising Co., 400 Chestnut, Phila., Pa.
Pervear, H. N. Co. (Jewelry), Providence, R. I.
Pictorial Post Card Co., Rochester, N. Y.
Racey Cement L. (Calendars, Leather Novelties, etc), Kansas City, Kan.
Rand F. L. Co., St. Louis, Mo.
Reproduction Co., 351 Jay, Brooklyn, N. Y.
Reading Ribbon Badge Co., Reading, Pa.
Readograph Adv. Co., Inc.
Reed Advg. Co., Portland, Ore.
Rehberger Mfg. Co. (Metal), 548 Webster av, Chicago, Ill.
Rippel Mfg. Co., Lafayett, Ohio
Ritzville Advtg. Co., Ritzville, Wash.
Ristau, G. W. & Co., Kaukauna, Wis.
Riverside Printing Co. (Memo. Books & Blotters), Port Huron, Mich.
Robbins Co., 12 John, New York
Ross Co., 503 Ry. Exch. bldg., Portland, Ore.
Rockford Leather Goods Co. (Leather), Rockford, Ill.
Roseville Pottery Co. (Match & Ash Holders), Zanesville, O.
Rudy Jno. A. & Son, Carlisle, Pa.
Rumpp C. F. & Sons (Leather), 5th & Cherry, Phila., Pa.
Ryder Bros., Baker, Ore.
St. Louis Button Co. (Badges, Buttons, Banners, Enam. Emblems & Pins), 413 Lucas av, St. Louis, Mo.
San Francisco Calendar Novelty Co., 320 1st, San Francisco, Cal.
SCHIMPER WILLIAM & CO., 322-338 Ferry, Hoboken, N. J. & 33 Union sq, W., New York
Schimper Wm. & Co. (Metal), 322 Ferry, Hoboken, N. J.
Schindler Charles ("E-Z-Breeze" Fans), Toledo, O.
Schlesinger Leo & Co. (Desk Clocks, Calendars, Hand Blotters, etc), 64 Wooster, N. Y.
Schnuerer & Murray (Leather), 15 E 32d, New York
Shafer M. F. & Co., 12th & Farnham, Omaha, Neb.
Seaman N. & Co., Irregon, Ore.
Searle & Dressler, 1210 Turner, Allentown, Pa.
Shaw Advertising Co. (Calendars, Horse Covers, Cloth Goods, etc), Produce Exchange bldg, Kansas City, Mo.
Shedd-Brown Mfg. Co., 317½ 5th av S, Minneapolis, Minn.
Shelby Calender & Nov. Co., Shelbyville, Ind.
Shipley & Co., 8 E. Chestnut, Columbus, Ohio
Simmons N. (Leather), 37 E 12th, New York
Singer Bros. (Leather), 82 Bowery, New York
Sioux Calendar & Nov. Co., Sioux City, Ia.
Sisk, B. M. Co., Montgomery City, Mo.
Smith Christian Corp., 220 W. 42d, New York
Southard Novelty Co. (Calendars & Specialties), Columbus, Ohio
Sommer J. L. Mfg. Co. (Wire & Steel) Newark, N. J.
Southern Nov. Mfg. Co., Memphis, Tenn.
Souvenir Lead Pencil Co., Cedar Rapids, Ia.
Specialty Pencil Co., Fort Worth, Texas
Spec. Sales Co., 929 18th av, Seattle, Wash.
Stanford-Crowell Co., Ithaca, N. Y.
Stanwood Mfg. Co. (Paper), 83 Broad, Boston, Mass.
Stecher & Spelrein Co. (Leather), 65 W Houston, N. Y.
Stein Bros. & Co. (Leather) Chicago, Ill.
Stephens A. W. Mfg. Co., Waltham, Mass.
Stockley & Forbes (Leather), Gloversville N. Y.
Stone Printing & Mfg. Co., Roanoke, Va.
Swayze Advtg. Co., Canton, Pa.
Tablet & Ticket Co. (Paper), 624 W Adams, Chicago, Ill.
Terre Haute Advtg. Co., Terre Haute, Ind.
T. & H. Supply Co., Oneida, N. Y.
Tonawanda Advertising Co. (Hardwood Rules, Thermometers, etc), Tonawanda, N. Y.
Transo Co., Rockford, Ohio
United Sales Mfg. Co., Elmira, N. Y.
Universal Mfg. Co., 18-20 Pike, Chicago, Ill.
Universal Sanitary Appliance Co., 171 Madison, New York
Universe Mfg. Co. (Leather), 2218 Vine, Phila., Pa.
Up-to-Date Advertising Co. (Rulers), Canisteo, N. Y.
U. S. Pat. Spec. Co., 606 Washington, New York
Vaughan Novelty Mfg. Co., 703 Fulton, Chicago, Ill.
Voss Herman Co., 603 E. Water, Milwaukee, Wis.
Walker H. T. & Son, Richmond, Va.
Wallaster J. G., 620 Poydras, New Orleans, La.
Warren Leather Goods Co., Worcester, Mass.
Waterloo Engr. & Service Co., Waterloo, Ia.
Waupaca Spec. Co., Waupaca, Wis.
Wegenaar L. A. Mfg. Wks., 154 Nassau, New York
Weigel Geo. L., 1501 So. Kedzie av, Chicago, Ill.
Weissbrod Emil & Sons (Leather), Green-field, Mass.
Wesley Co., 730 N. Franklin, Chicago, Ill.
West Coast Advtg. Co., Aberdeen, Wash.
Westcott-Jewell Co. (Rulers, Yard Sticks, etc), Seneca Falls, N. Y.
Western Advertising Co. (Calendars & Specialties), Lincoln, Neb.
Western Art Leather Co. (Decorated Leather), Tabor Opera bldg, Denver, Colo.
Whitehead & Hoag Co. (Celluloid, etc), 272 Sussex av, Newark, N. J.
Wilkey Art Co., 3115 Sacramento bvd., Chicago, Ill.
Williams O. G. Co. (Aluminum, Leather & Wood), 64 W. Randolph, Chicago, Ill.
Williams Wm. H. Co., Greenville, Ohio
Williamson C. T. Wire Nov. Co. (Wire & Steel), 52-74 Badger av, Newark, N. J.
Willing Sales Co., El Paso, Texas
Winslow Cabot Co., 4 P. O. sq, Boston, Mass.
Winters Co., Springfield, Ohio
Wolf & Co., Callowhill & 12th, Phila., Pa.
Woodward-Tiernan Printing Co. (Fans, Calendars), 309 N 3d, St. Louis, Mo.
Ziller Advtg. Co., Meridian, Miss.
Zittlosen Mfg. Co. ("Nox-All" Umbrellas), Park & Dolman. St. Louis, Mo.

80— Adze Mfrs.

Am. Axe & Tool Co. ("Blood's," "Lippincott's," "Red Warrior," "Anosky," "Champion," "Hurd," "Underhill," "Monarch," "Hunt," "Coopers," Ship Railroad, etc), Glassport, Pa.
Atha Tool Co., Newark, N. J.
Black J. B. Co. (Wm. Beatty & Sons) (Carpenters', Coopers', Railroad, Ship Carpenters' Gutter or Spout), Chester, Pa.
Bradley G. W. Axe & Tool Mfg. Co. (All Kinds), Newburgh, N. Y.
Collins Co., Collinsville, Conn.
Evansville Tool Works (Carpenters', Railroad, Ship Carpenters', etc), Evansville, Ind.
Hammond Charles & Son, Ogontz, Pa.
Hardscog Mfg. Co. (Track), Ottumwa, Ia.
Lutonia Tool Co. (Tracksmen), Lutonia, O.
Mack & Co. ("D. R. Barton," Railroad, Carpenters', etc), Rochester, N. Y.
Norton Tool Co., West Park, Ohio
Peck, Stow & Wilcox Co., Southington, Conn.
Plumb Fayette R. (Inc) ("Anchor"), N E cor Tucker & James, Phila., Pa.
Romer Axe Co. ("Romer," Carpenters', Railroad, Ship, etc), Dunkirk, N. Y.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Weston Thomas B., 708 Light, Baltimore, Md.
White L. & I. J. Co. (Carpenters', Bridge, Railroad, Mill, Ship, etc), 120 Columbia, Buffalo, N. Y.

81— Aeco Deo

Anderson Chemical Co., Wallington, N. J.

82— *Aeroplane Fuselages

EMPIRE ART METAL CO., INC., College Point, L. I., N. Y.

83— *Aeroplane Rims (Steel)

STANDARD PARTS CO., Cleveland, O.
See adv index at end of book

Aeroplane Parts & Supplies

See Airplane Parts & Supplies
See Airplanes, etc.

84— Aftercoolers

Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Worthington Pump & Machinery Corp., 115 B'way, New York
See adv index at end of book

85— Agalite

International Pulp Co., 41 Park Row, New York
Union Talc. Co., 132 Nassau, New York
WILLIAMS C. K. & Co., Easton, Pa.

86— Agar Agar

American Trading Co. (Imp), 25 Broad, New York
Ayres, Bridges & Co. (Imp), 200 Summer, Boston, Mass.
McKesson & Robbins (Imp), 91 Fulton, New York

86a— *Agents (Shipping)

MEXICAN COMMERCIAL & AGRICULTURAL CO., Delta bldg, Los Angeles, Cal.
Page & Jones, Mobile, Ala.
See adv index at end of book

86b— Agitators (Chemical)

Caldwell W. E. Co., Louisville, Ky.
Dorr Co., 1009 17th, Denver, Col.
See adv index at end of book
Elyria Enamelled Products Co., Elyria, O.
See adv index at end of book
Pfandler Co., Cutler bldg., Rochester, N. Y.
Pratt Engineering & Machine Co., Atlanta, Ga.
Schwarzwalder J. & Sons, Hoboken, N. J.

87— Agitators (Clay)

CROSSLEY MACHINE CO. (Clay), State & Chestnut av, Trenton, N. J.
See adv index at end of book
Ivens Wm. H. Sons Co., P. O. Box 647, Trenton, N. J.

88— Agitators (Mining)

BIGGS BOILER WORKS CO., Case av & Williams st., Akron, O.
See adv index at end of book
Carroll-Porter Boiler & Tank Co., Empire bldg, Pittsburgh, Pa.
Colorado Iron Works Co. ("Akins-Rothwell"), Denver, Colo.
Dorr Co., Denver, Colo.
Hammond Iron Works (Air, Cyanide, etc), Warren, Pa. *See adv index at end of book*
Heggie James G. & Sons, Joliet, Ill.
Hendryx Cyanide Machy Co. ("Hendryx" Combination Agitator & Filter, for Ore), 136 Liberty, New York
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Pacific Tank & Pipe Co., 318 Market, San Francisco, Cal.
Smith Samuel & Son Co., Paterson, N. J.
Trent L. C. Engineering Co. (Underfeed for Slimes, etc), Los Angeles, Cal.
Worthington Pump & Machinery Corp., 115 B'way, New York
See adv index at end of book

89— Agitators (Miscellaneous)

Calvert Machine Co. (Lard Compound), 1606 Thames, Baltimore, Md.
Day J. H. Co. (Liquid), Cincinnati, O.
Johnson John Co., 203 37th, Brooklyn, N. Y.
Leetonia Boiler Co., Leetonia, O.
New England Tank & Tower Co. (Chemical), Everett, Mass.
Pollock Wm. B. Co. (Brewers), Youngstown, O.
Richards Iron Works (Cheese), Manitowoc, Wis.
Schutte & Koerting Co. (Steam Jet), 1251 N 12th, Phila., Pa.
Sowers Mfg. Co. (Soap Makers), 1320 Niagara, Buffalo, N. Y.
Triumph Ice Machine Co., Oakley, Cincinnati, O.
Werner & Pfleiderer Co., 1232 N Niagara, Saginaw, Mich.
See adv index at end of book

90— Agitators (Oil, Etc.)

DOVER BOILER WORKS. Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Frelinger J. G. Iron Works (Barrel, for Paint, Varnish & Oil), 115 W 2nd, Cincinnati, O.
Graver Wm. Tank Works, East Chicago, Ind.
Hammond Iron Works, Warren, Pa.
See adv index at end of book
Johnson John Co., 203 37th, Brooklyn, N. Y.
Petroleum Iron Works Co., Sharon, Pa.
Sowers Mfg. Co., 1320 Niagara, Buffalo, N. Y.
Struthers-Wells Co., Warren, Pa. *See adv index at end of book*
Teachout H. E. Boiler works, E 37th & Erie R R, Cleveland, O.
Treadwell M. H. Co. of Illinois, 208 S La Salle, Chicago, Ill.
Warren City Tank & Boiler Co., Warren, Ohio

91— Agitators (Paper Mill)

Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
Columbiana Boiler Co., Columbiana, O.
Kalamazoo Sheet Metal Mfg. Co., Kalamazoo, Mich.
New England Tank & Tower Co., Everett, Mass.
Rice, Barton & Fales Machine & Iron Co. Worcester, Mass.
Shartle Bros. Machine Co., Middletown, O.

92—Agricultural Implement Mfrs.

For sub-classifications of this trade, consult Index of Contents for specific article desired.

ALABAMA.

BIRMINGHAM—Continental Gin Co. (Cotton Seed Linters)
TUSCUMBIA—Rowland T. T. & Son (Cultivators)

ARKANSAS.

BONO—Bono Plow Co. (Plows)

CALIFORNIA.

BERKELEY—Jackson Byron Iron Works
FRESNO — Fresno Agricultural Works (Plows, Road Scrapers, etc)
LOS ANGELES—Killefer Mfg. Co. (Cultivators), 2209 Santa Fe
SAN FRANCISCO—Krogh Mfg. Co. (Windmills, Tanks, Pumps, etc), 147 Beale
Spalding-Robbins Disc Plow Co. (Disc Plows), 625 Market
STOCKTON—Holt Mfg. Co. (Harvesters, Binders, Traction Engines)
Shaw H. C. Co. (Harrows, Gang Plows)

COLORADO.

DENVER—Plattner-Yale Mfg. Co.
GREELEY—Brown Peter (Potato Diggers)

CONNECTICUT.

COLLINSVILLE—Collins Co. (Plows, etc)
HIGGANUM — Cutaway Harrow Co. ("Clark's" Harrows, Plows, Root Cutters, etc)
Scovil D. & H. (Planters' Hoes)
NEW LONDON—Brown Cotton Gin Co. (Cotton Seed Linters)
PLEASANT VALLEY—Rogers Rake Co. (Hand Hay Rakes)
SOUTHPORT—Jelliff C. O. Mfg. Co. (Harrows)

GEORGIA.

ATHENS—Umbach F. G. (Harrows, etc)
ATLANTA—Atlanta Plow Co.
AUGUSTA — Wirtz & Hernlen (Hay Presses, Harrows, etc)
COLUMBUS—Southern Plow Co. (Plows, Cultivators, Harrows, Cotton Planters, etc)
DALTON—Nancy Hanks Hay Press & Foundry Co. (Hay Presses, Pea Threshers, etc)
MACON—Gantt Mfg. Co. (Cotton Planters, Guano Distributors & Grain Drills, etc)
Williams Mfg. Co. (Hay Presses)
MORELAND—Camp E. N. & Sons Co.
NEWNAN—Cole R. D. Mfg. Co. (Corn Mills)
ROME—Towers & Sullivan Mfg. Co. (Plows, Harrows, Cultivators)
WINDER—Woodruff Machinery Mfg. Co. (Pea Thresher, etc)

ILLINOIS.

ALBION—Miller A. J. Four Point Hay Fork Co.
Painter & Frankland (Plows)
ALTON—Hapgood Plow Co. (Corn Planting Drills, Plows, Listers, etc)
ARLINGTON HEIGHTS—Kolling Husker Wks (Corn Huskers & Shredders)
AURORA—Western Wheeled Scraper Co. (Plows, Road Machinery, etc)
AVA—Spinner Ed. F. (Plows, etc)
BATAVIA—Appleton Mfg. Co. (Feed Mills, Stalk Cutters, Corn Shellers, Feed Cutters, etc)
Challenge Co. (Feed Mills, Corn Shellers, etc)
U. S. Wind Engine & Pump Co. (Corn Shellers)
BELLEVILLE—Belleville Shock Mover Co.
Gundlach P. M. Sons
Harrison Machine Works (Threshers & Straw Stackers)
BLOOMINGTON—Constant B. S. Mfg. Co. (Grain Machinery)
BUSHNELL—Norcross C. S. & Sons (Garden Cultivators Adjustable Hand)
CANTON—Parlin & Orendorff Co. (Plows, Harrows,, Cultivators, Planters, Listers, Potato Diggers, Stalk Cutters, etc)
CARPENTERSVILLE — Star Mfg. Co. (Harrows, Feed Cutters)
CHICAGO—Aermoter Co. (Feed Mills), 1146 S Campbell av
Bristol & Gale Co. (Harrows, Corn Shellers, etc), 158 Carroll av
Creamery Package Mfg. Co. (Dairy & Creamery Machinery, etc), 61 W Kinzie
International Harvester Co. of America (Inc), 702 Harvester bldg.
Kaestner & Hecht Co. (Mills Feed Grinding), 500 Throop
Masters Planter Co. (Hand Transplanters), 229 N. State
Pratt Wm. E. Mfg. Co. (Dehorners, Seed Sowers,, etc), 35 W Lake
Whitaker Mfg. Co. (Cultivators, Hay Carriers, etc), 409 S. Green
DECATUR—Baird Harvester Co.
Chambers, Bering, Quinlan Co. (Seeders)
Hartley C. J. Co. (Grain Weighers, etc) (See Peoria)
Stevens Mfg. & Foundry Co. (Potato Diggers & Planters, etc)
Union Iron Works (Power Corn Shellers)
DE KALB—Haish Jacob Co. (Harrows, Corn Shellers)
DIXON—Grand Detour Plow Co. (Plows, Harrows,, Cultivators, Listers, Disc Plows & Engine Gang Plows)
DWIGHT—Spencer J. A. (Hay Presses)
EAST MOLINE—Deere John Harvester Works
Marseilles Works (Feed Mills, Corn Shellers, etc)
EDWARDSVILLE—Springer Bros. Mfg. Co (Potato Planters)
ELGIN—Elgin Wind Power & Pump Co. (Feed Mills)
FREEPORT—Schofield & Co. (Potato Planters & Diggers)
Stover Mfg. & Engine Co. (Feed Mills)
GALESBURG—Galesburg Coulter Disc Co.
GALVA—Hayes Pump & Planter Co. (Harrows, Cultivators, Planters, Listers)
Galva Heater Co. (Corn Planters)
Wistrand Mfg. Co. ("Blue Star" Corn Planters)
GRAFTON—Rippley Mfg. & Steel Boat Co. (Feed Mills & Cookers)

HARVARD—Hunt, Helm, Ferris & Co. (Hay Carriers, etc)
HAVANA—Crescent Forge & Shovel Co. (Garden Plows)
HOMEWOOD—Steiner August (Corn Pickers & Huskers)
JOLIET—Humphrey & Sons (Bone & Clover Cutters, Hand Seed Sowers)
Joliet Mfg. Co. (Corn Shellers)
KEWANEE—Boss Mfg. Co. (Hand Corn Huskers)
Peters Pump Co. (Planters & Pumps)
LE ROY—National Harrow Co.
LINCOLN—Sheer E. (Land Rollers, Stalk Rakes, etc)
MAROA—Maroa Mfg. Co. (Cultivators & Car Loaders)
MARSEILLES—Marseilles Harrow Mfg. Co. (Harrows)
MENDOTA—Mendota Mfg. & Transfer Co. (Rakes)
Tower J. D. & Sons Co. (Cultivators, Pulverizers, Clod Crushers, etc)
Willis Mfg. Co. (Tank Heaters, etc)
MINIER—Schroeder H. V. Mfg. Co. (Grain Dumps, etc)
MOLINE—Deere John Plow Works (Walking, Riding, Tractor & Disc Plows; Walking, Riding, Two Row, Lister & Disc Cultivators)
Deere & Co. (Plows, Harrows, Cultivators, Listers, Grain Binders, Corn Binders, Mowers & Rakes) (General Office)
Deere Works (Corn Planters, Cotton Planters, Disc Harrows, Cultivators)
Moline Plow Co. (Drills, Plows, Harrows, Cultivators, Planters, Listers)
Sechler D. M. Implement & Carriage Co. (Harrows, Corn Planters, etc)
MONMOUTH—Milne Mfg. Co. (Stump Pullers)
Monmouth Plow Factory (Plows)
Pattee Plow Co. (Cultivators, Plows, etc)
MORTON—Kramer Rotary Harrow Co.
Meyer A. F. Mfg. Co. (Grain Dumps)
Meyer Corp. (Hog Feed Grinders, & Hog Greasers, etc)
MT. OLIVE—Niemann & Hieronymus (Rotary Hoes)
BATAVIA—Sperry D. R. & Co. (Farm Boilers, Feed Cookers, etc.)
OTTAWA—Jordan R. C. (Hay Carriers)
King & Hamilton Co. (Cultivators, Corn Shellers)
Porter J. E. Co. (Hay Carriers)
PEKIN—Duisdieker Foundry & Mfg. Co. (Clod Crushers & Pulverizers)
PEORIA—Acme Harvesting Machine Co. (Harvesters, Binders, etc)
Avery Co. (Steam Traction Engines, Threshers, Gas & Oil Tractors, Engine Gang Plows, Motor Trucks, Planters, Cultivators & Stalk Cutters)
Hart Grain Weigher Co. (Grain Weighers)
Hartley C. J. Co. (Grain Weighers, etc)
Herschel R. Mfg. Co. (Sickles, etc)
Holt Mfg. Co.
Peoria Drill & Seeder Co. (Grain Drills, Seeders, etc)
Sester Mfg. Co. (Seeders)
PERU—Peru Plow & Wheel Co. (Plows,, Harrows, Cultivators, Planters, Listers)
PLANO—Independent Harvester Co. (Binders, Mowers, Plows, Harrows, etc)
PONTIAC—Meadows Mfg. Co.
Spartan Mfg. Co. (Feed Grinders)
QUINCY—Collins Plow Co. (Plows, Harrows, Cultivators, Hay Presses, etc)
ELECTRIC WHEEL CO. (Metal Wheels) Station D
See adv index at end of book
Empire Mfg. Co. (Feed Cookers, Metal Wheels, etc)
Ertel Geo. Co. (Hay Presses, etc)
ROCK FALLS—Ulrich Mfg. Co. (Cultivators, etc)
ROCKFORD—Emerson-Brantingham Co. Mowers, Plows, Cultivators, Rakes, Planters, Listers, Threshers, Drills, Clover Hullers, Traction Engines, etc)
Rockford Mfg. Co. (Plows, Harrows, Cultivators)
ROCK ISLAND—Rock Island Plow Co. (Plows, Harrows, Cultivators, Hay Loaders, Hay Rakes, Planters, Listers, Drills, Seeders & Sowers)
ROCKTON—Weber Mfg. Co. (Fanning Mills)
SANDWICH—Sandwich Mfg. Co. (Feed Mills, Hay Loaders, Corn Shellers, Hay Presses)
SHELBYVILLE—Sturgis W. B. & Sons (Plows)
SPARTA—Sparta Plow Works (Plows, Harrows, Cultivators)
Sproul Matt. Co. (Corn Shredders)
SPRINGFIELD—Fetzer & Co. (Corn & Grain Drills, Disc Rollers, Pulverizers, Packers, Harrows, Transplanters, etc)
Heineke & Co. (Straw Stackers & Self Feeders)
STERLING — Platt Addison J. (Potato Planters)
Sterling Mfg. Co. (Cultivators, etc.)
SYCAMORE — Illinois Thresher Co. (Threshing Machines)
WASHINGTON—Camp Bros. & Co. (Grain Dumps)
WHEATON—Davenport Planter Co.

INDIANA.

CAMBRIDGE CITY—National Drill Co. (Cultivators, Grain Drills, etc)
CROWN POINT—Letz Mfg. Co. (Corn Planters, Feed Grinders, etc)
EAST CHICAGO—Famous Mfg. Co. (Hay Presses, etc)
EVANSVILLE — Blount Plow Works (Plows, etc)
Davidson-Dietrich Plow Co. (Plows, etc)
Hartig W. F. Plow Co. (Plows, Cultivators)
Heilman Machine Works (Threshers & Engines)
Smith, John C. Hoe & Tool Co. (Hoes)
Vulcan Plow Co. (Plows, etc)
FORT WAYNE—Good Roads Machinery Co. (Plows & Road Making Machinery)
GOSHEN—Abbott S. B. (Hand Seeders)
Goshen Mfg. Co. (Hay Slings)
HAMMOND—Champion Potato Machinery Co. (Potato Planters, Diggers, etc; also Peanut Planters, etc)
INDIANAPOLIS—American Buncher Mfg. Co. (Bunchers for Clover, Timothy, Oats, Peas, etc), Oliver & Harding
Haywood Implement Co. (Garden Tools)
Indiana Mfg. Co. (Straw Stackers), Merchants Bk. bldg
Nordyke & Marmon Co. (Feed, Corn & Cob Mills, Corn Shellers, etc), 1290 Kentucky av
Russell Wind Stacker Co. (Straw Stackers), 1001 Shelby
Sattley Stacker Co., 408 Telephone
KENDALLVILLE—Flint & Walling Mfg. Co. (Wind Mills, etc)
LAPORTE — Advance Rumely Co. (Threshers, Stackers, Traction Engines, Clover Hullers & Grain Weighers)
LIBERTY—Rude Mfg. Co. (Cultivators, Grain & Corn Drills, Rakes, etc)
LIBERTY MILLS — Rittenhouse J. F. (Grain Seeders)
MISHAWAKA—Perkins Wind Mill Co. (Feed Mills, Cutters, Corn Shellers)
MOUNT VERNON—Keck-Gonnermann Co. (Threshers, etc)
RICHMOND—American Seeding Machine Co.
Eureka Fence Mfg. Co. (Hand Corn Planters)
Swayne, Robinson & Co. (Threshers)
Wayne Works (Inc.) (Grain Drills, Planters, Seeders & Sowers)
SOUTH BEND—Birdsell Mfg. Co. (Straw Stackers, Clover Hullers, etc)
Bowsher N. P. Co. (Feed Mills, Barley Crushers)
Oliver Chilled Plow Works (Plows, Harrows, Cultivators, Listers & Planters)
South Bend Chilled Plow Co. (Plows, Harrows, Cultivators)
URBANA—Cyclone Seeder Co. (Seed Sowers)
VERNON—Reed & Rogers Mfg. Co. (Harrows & Pulverizers, etc)
VINCENNES—Hartman Mfg. Co. (Cultivators, etc)
WASHINGTON—Clore Wm. H. Mfg. Co. (Cultivators & Plows)

IOWA.

BURLINGTON—Gilmore Mfg. Co. (Riding Harrows)
CARROLL—Gross Co. (Plow Eveners)
CENTERVILLE—Hercules Mfg. Co. (Feed Mills & Stump Pullers)
COUNCIL BLUFFS—Children's E. Sons Mfg. Co. (Cultivators, Grain Drills, Hay Stackers, Hay Rakes, etc)
Orndorff O. F. (Corn Planters, Hay Stackers, etc)
Walker Mfg. Co. (Hay Rakes, Stackers, etc)
CRESCO—Caward R. S. (Plows & Grubbing Machinery)
DAVENPORT—Voss Bros. Mfg. Co. (Corn Cutters)
DECORAH—Standard Seed Tester Co.
DES MOINES—National Mfg. Co. (Seed Testers)
Wood Bros. Thresher Co. (Threshers, Traction Engines, etc)
FAIRFIELD—Louden Machinery Co. (Hay Forks & Carriers, etc)
FORT MADISON—Fort Madison Plow Co. (Plows, Harrows, Cultivators, Planters)
MARSHALLTOWN—Light Draft-Harrow Co.
MONTROSE—Standard Garden Tool Co. (Garden Seeding & Cultivating Implements)
NASHUA — Bloom Mfg. Co. (Manure Spreaders, Harrows, etc)
NEWTON—Maytag Co. (Hog Troughs, Hay Presses, Self-Feeders, etc)
OTTUMWA—Armstrong Mfg. Co. (Corn Rakes)
Dain Mfg. Co. (Feed Mills, Hay Loaders, Haying Tools, Rakes, Hay Presses)
PELLA—Garden City Feeder Co. (Straw Stackers, Band Cutters & Self-Feeders)
PRAIRIE CITY—Dowden Mfg. Co. (Ltd) (Harrows, Potato Diggers, etc)
SPENCER—Maurer F. X. Co. (Hay Presses)
VINTON—Robinson Spreader Co. (Manure Spreaders)
WATERLOO — Bovee Furnace Works (Grinding Mills)
Galloway Wm. Co. (Harrows, Cream Separators, Manure Spreaders, etc)
Inter-State Engine & Tractor Co. (Farm Implement)
Litchfield Mfg. Co. (Manure Spreaders, Feed Grinders, etc)
Swift Mfg. Co. (Feed Mills & Cookers)
WAUKON—Johnson John S. & Son (Lever Harrows)
WEBSTER CITY—Closz & Howard Mfg. Co. (Grain Separators, etc)

KANSAS.

ATCHISON—Bailor Plow Mfg. Co. (Cultivators, etc)
KANSAS CITY—Clippinger A. B. & Son Mfg. Co. (Hay Stackers)
Strait H. N. Mfg. Co. (Hay Presses, etc)
LEAVENWORTH—Great Western Mfg. Co. (Grain & Rice Cleaners)
NEWTON — Prairie Queen Mfg. Co. (Threshers)
SALINA—Kouns Wesley (Hay & Grain Rakes, Loaders & Stackers combined, Push Rakes)
Wyatt F. Mfg. Co. (Hay Stackers)
Ziegler W. F. (Corn Harvesters, etc)
TOPEKA—Currie Windmill Co. (Feed Mills)
Pugh Mfg. Co. (Potato Planters)
Topeka Foundry & Mfg. Co. (Sub-Surface Soil Packers)
WICHITA—Peru-Van Zandt Implement Co.
Reschke Machine Works Co. (Bean & Corn Cultivators, etc)

KENTUCKY.

CARLISLE—King R. C. (Blue Grass Seed Strippers)

KENTUCKY—continued
LOUISVILLE—Avery B. F. & Sons (Plows, Harrows, Cultivators, Rakes, Planters, etc)
Brinly Hardy Co. (Plows, Hand Corn Shellers, Cotton Scrapers & Sweeps, Harrows, etc)
Red Chief Mfg. Co. (Corn Shellers)
MAYSVILLE—Hall Jas. H. Plow Co. (Plows, Potato Diggers, etc)

LOUISIANA.

NEW ORLEANS—Boland Machine & Mfg. Co. (Rice Milling Machines & Rice Cleaners), 1006 Tchoupitoulas

MAINE.

NORTH BERWICK—Hussey Plow Co. (Cultivators, Plows, etc)

MARYLAND.

BALTIMORE—Rawlings Implement Co. (Harrows), 11 W. Pratt

MASSACHUSETTS.

BARRE—Allen Charles G. Co. (Rakes, Plows, etc)
BOSTON—Ames Plow Co. (Plows, Harrows, Cultivators, Planters, Garden Implements, Feed Cutters), Quincey Hall
CHICOPEE FALLS—Belcher & Taylor Agricultural Tool Co. (Plows, Harrows, Fanning Mills, Cultivators, Planters, Tedders, Feed Cutters, Potato Diggers, etc)
MILFORD—Mann F. W. Co. (Corn Shellers, Clover Cutters, etc)
WORCESTER — Richardson Mfg. Co. (Mowers, Rakes, Tedders)

MICHIGAN.

ALBION—Gale Mfg. Co. (Plows, Harrows, Cultivators, Rakes, Planters, Listers, Seeders & Sowers)
ANN ARBOR—Ann Arbor Machine Co. (Feed Cutters, Hay Presses, etc)
BAD AXE—Huron Implement Co. (Harrows & Cultivators)
BATTLE CREEK—Nichols & Shepard Co. (Threshers, Stackers, Grain Weighers)
BLAINE—Fair Geo. & Son (Plows)
BURR OAK—Sheffield Mfg. Co. (Corn & Potato Planters)
DETROIT—Campbell Manson Co., Ltd. (Fanning Mills), Leavitt & Campbell
DOWAGIAC—Dowagiac Drill Co. (Grain Drills, Seeders & Sowers)
GREENVILLE—Greenville Implement Co. (Cultivators, Plows, Feed Cutters)
Moore Plow & Implement Co. (Plows, Cult)
HOLLY—Patterson Mfg. Co. (Bean Harvesters, Cultivators, etc.)
HOMER—Seeder Mfg. Co. (Seeders & Sowers)
IONIA—Arnold's G. W. Son (Cultivators, etc)
JACKSON—Aspinwall Mfg. Co. (Potato Planters & Diggers, etc.)
Watts Mfg. Co. (Corn Shellers)
KALAMAZOO—Clark Engine & Boiler Co. (Feed Cookers, etc.)
Kalamazoo Tank & Silo Co.
Reed Fdry. & Mach. Co. (Cultivators, etc)
LAPEER—Bostick Stove Co. (Plows)
McDonald Wm. Sons (Cultivators, etc)
MONROE—Wilder-Strong Implement Co. (Harvesters, Plows, Feed Cutters)
MOUNT CLEMENS — Donaldson Bros. (Plows, Harrows, Cultivators, Planters, Feed Cutters)
NORTHVILLE—American Bell & Foundry Co. (Corn Shellers, Fruit & Potato Sorters, etc)
PONTIAC—Bacon Mfg. Co. (Seeder & Garden Cultivators)
PORT HURON—Port Huron Engine & Thresher Co. (Threshers, Stackers, Feeders, Corn Shellers, Weighers, etc)
PORTLAND—Portland Foundry Co.
RICHMOND—Parker Plow Co.
ST. JOHNS—Mason F. C. & Co. (Weeders)
SAGINAW—Ferrell A. T. & Co. (Bean Cleaners & Sorters)
STURGIS—Freeland B. F. Sons Co.
TECUMSEH—Heesen Bros. Co. (Feed Cookers)
TRAVERSE CITY—Potato Implement Co. (Acme Corn & Potato Planters)
YPSILANTI—Thompson O. E. & Sons (Root Cutters & Grass Seeders), Ypsilanti Hay Press Co.

MINNESOTA.

ALBERT LEA—Edwards C. D. (Stump Pullers)
Olson Mfg. Co. (Hay Tools)
CROOKSTON—Crookston Mfg. Co. (Land Roller & Soil Pulverizer)
LONG PRAIRIE—Hausmann Mfg. Co. (Binder Attachments)
MINNEAPOLIS—Cleland Mfg. Co. (Fanning Mills), 2800 Washington av, N
Disc Grader & Plow Co. (Plows, etc), Andrus bldg
Howell R. R. & Co. (Harrows, Feed Mills), 31st av S. E. & 4th
Keller Mfg. Co. (Cultivators, etc), 1325 N E Quincy
Kinnard-Haines Co., 44th av N. & Bryant
Minneapolis Threshing Machine Co. (Threshers, Stackers, Corn Shellers, Baggers, etc), 226 N 2d
Owens J. L. Co. (Fanning Mills, Grain Cleaning Machinery), Fulton & S. E. Huron
Twin City Separator Co. (S. Fanning Mills), 29th & Colfax av S
MORRIS—Vaughn Mfg. Co. (Fanning Mills)
NORTH BRANCH—Splittstoser Co. (Potato Sprayers)
OWATONNA—Owatonna Mfg. Co. (Grain Drills, Seeders & Sowers, Churns, etc)
ST. LOUIS PARK—Martin M. R. (Feeding Mills)
Monitor Drill Co. (Grain Drills, Cultivators, etc)
ST. PAUL—Anderson Company (Harrows, Rakes, Stackers, etc.), 2324 University av
Eckhardt Mfg. Co., 2300 University av
Fosston-Carpenter Co. (Wind Stackers), 473 Cleveland av. N.
Hackney Mfg. Co. (Auto Plows)
WINONA—Diamond Huller Co. (Cottonseed Machinery, etc)
New Winona Mfg. Co. (Feed Mills, Corn Shellers, Hay Presses, etc)

MISSISSIPPI.

JACKSON—McDonnell Foundry & Machine Co. (Plows, etc)
MERIDIAN—Hyde Chas. J. (Hay Presses, etc)

MISSOURI.

CAIRO—Boney A. T. (Hay Stackers)
CHILLICOTHE—Jenkins Hay Rake & Stacker Co. (Feed Mills, Haying Tools, etc)
HUNTSVILLE—Fleming & Sons Mfg. Co. (Haying Tools, Rakes, Stackers, etc)
JONESBURG—Godfrey H. M. (Walking Plows)
KANSAS CITY—Admiral Hay Press Co. (Hay Presses)
Kansas City Hay Press Co. (Hay Presses, Haying Tools, etc)
Smith & Sons Mfg. Co. (Plows, Rakes, Hay Presses)
LINNEUS—Superior Hay Stacker Mfg. Co. (Hay Stackers)
LOUISIANA—Buffum Tool Co. (Hand Cultivators, Weeders, etc.)
MOBERLY—Missouri Hay Press Co.
NORTH KANSAS CITY—McCargar L. B. Mfg. Co.
OLNEY—Stroker Fritz C. & Son (Plows)
ST. LOUIS—Whitman Agricultural Co. (Harrows, Grain Drills, Feed Mills, Corn Shellers, Seeders & Sowers, Feed Cutters, Hay Presses), 7,000 S B'way
SEDALIA—Barley Thos. K. (Harrows, Haying Tools, etc)
UNIONVILLE—Stalcup E. L. (Hay Stackers)
WASHINGTON—Buhr Mfg. Co. (Plows)

NEBRASKA.

BEATRICE—Beatrice Iron Works (Cultivators, Grain Drills, Land Rollers, etc)
Dempster Mill Mfg. Co. (Cultivators, Grain Drills, etc)
DAVID CITY—Barker Mfg. Co. (Garden Weeders)
NEBRASKA CITY—King Drill Mfg. Co. (Grain Drills)
Plattner Yale Mfg. Co. (Hay Stackers, Rakes & Harrows, Lincoln, Neb.
SEWARD—Noxall Mfg. Co. (Grain Separators)

NEW HAMPSHIRE.

ANTRIM—Goodell Co. (Hand Seed Sowers, Weed Diggers)
HINSDALE—Granite State Mowing Machine Co. (Mowers)

NEW JERSEY.

GRENLOCH—Bateman Mfg. Co. (Plows, Harrows, Cultivators, Seeders, Planters, Sprayers, etc)
HIGHTSTOWN—Peppler Thos. Son & Co. (Plows, Corn Shellers, etc)
MILLINGTON—Nash Duane H. (Pulverizers, Harrows, Clod Crushers, Planters, etc)
MOORESTOWN—Doughten H. W. (Potato Diggers, etc)
NEWTON—Farrell John & Son (Hay Forks & Carriers)
RIVERTON—McWhorter Mfg. Co. (Seed Drills, Bean, Peanut & Potato Planters)

NEW YORK.

AUBURN—Quick & Thomas Co. (Threshers, etc)
AVON—Champion Drill Co. (Cultivators, Grain Drills, etc)
BATAVIA—Batavia Machine Co. (Bean Separators)
Massey Harris Harvester Co. (Binders, Cultivators, Harrows, Mowers, Reapers, Rakes, Tedders, Seeders & Sowers)
Wiard Plow Co. (Plows, Harrows, Rakes, Planters, etc)
BINGHAMTON—Davis A. L. & Son.
BRASHER FALLS—Kennehan P. E. (Plows, etc)
BUFFALO—Buffalo Pitts Co. (Threshing Machinery, Plowing & Portable Engines, etc)
Hession Filler & Tractor Corp. (Tractors & Tellers)
Peerless Husker Co. (Corn Huskers, etc), 523 Cornwall av
CALEDONIA—Caledonia Bean Harvester Works (Cultivators, Planters, etc)
CATO—Dutton E. Q. & Co. (Plows, Hog Troughs, etc)
CENTRAL BRIDGE—Campbell S. K. Co. (Threshers)
COBLESKILL—Harder Mfg. Co. (Threshers, Fanning Mills, Manure Spreaders, etc)
COPAKE FALLS—Columbia Plow Works (Plows, etc)
EAST AURORA — Peek's S. H. Sons (Plows, Potato Planters & Diggers, etc)
EAST GALWAY—Fonda F. A. (Plows, etc)
EAST ROCHESTER—Ontario Drill Co. (Grain Drills)
GOWANDA—Gowanda Agricultural Works (Plows, Cultivators, etc)
GREENE—Lyon Iron Works (Feed Cutters)
GREENWICH — Eddy W. Plow Co. (Threshers, Plows, etc)
HAMBURG—Reuther Mfg. Co. (Potato Diggers)
HAMMOND—Evans B. A. (Harrows & Plows)
HILLSDALE—Mallery W. A. Jr. (Plows, Harrows, etc)
HOOSICK FALLS—Wood Walter A. Mowing & Reaping Machine Co. (Harvesters, Binders, Harrows, Cultivators, Rakers, Mowers, Reapers, Tedders, Manure Spreaders, etc)
ITHACA—Williams Bros. (Broadcast Sowers, etc)
LEONARDSVILLE—Babcock Mfg. Co. (Harrows, Cultivators, etc)
LEROY—Leroy Plow Co. (Plows, etc)

LYONS—Nagley Mfg. Co. (Tobacco Transplanters, Presses, etc)
MERIDIAN—Everts Mfg. Co. (Plows)
MOUNT MORRIS—Genesee Valley Mfg. Co. (Harrows, Grain Drills, Corn Shellers, Fanning Mills)
MUNNSVILLE — Munnsville Plow Co. (Plows, Cultivators, etc)
NEW YORK CITY—Woodhouse J. S. Co. (Cultivators, Harrows, Plows, etc), 191 Water
PHELPS—Crown Mfg. Co. (Grain Drills, etc)
PORTLAND—Anderson Frank W. (Cultivators, etc)
POUGHKEEPSIE—Moline Plow Co. ("Adrience Platt Brand" Harrows, Mowers, Reapers, Binders, Rakes, etc)
RIVERHEAD—Riverhead Agrl. Works, (Harrows)
ROCHESTER—Ricker Mfg. Co. (Hay, Feed & Litter Carriers)
ROME—Adams S. & Son (Plows, etc)
ST. JOHNSVILLE—Clark Machine Co. (Threshers)
SCHENECTADY — Westinghouse Co. (Threshers, Stackers, Weighers)
SHORTSVILLE—Papec Machine Co. (Feed Cutters)
Star Seeder Co. (Wheelbarrow, Grass Seeders)
SPENCERPORT—Ireland & Helfrich, (Potato Diggers)
SYRACUSE—Engelberg Huller Co. (Rice Graders, Threshers, Separators, Hullers, etc)
Syracuse Chilled Plow Co. (Plows, Harrows, Cultivators, Potato Hillers & Diggers, etc)
UNION CENTER—Edson W. L.
UTICA—Eureka Mower Co. (Cultivators, Mowers, Planters, etc), 16 Hickory
Smith D. B. & Co.
WARSAW—Warsaw-Wilkinson Co. (Ensilage Feed & Fodder Cutters)
YOUNGSTOWN—Ripson Wm. & Son (Plows, Harrows, Cultivators)

NORTH CAROLINA.

CHARLOTTE—Cole Mfg. Co. (Cotton Planters)
Liddell Co. (Cotton Ginning, Cleaning & Baling Machinery, etc)
GOLDSBORO—Wayne Agricultural Works Plows, etc)
GREENSBORO—Glascock Stove & Mfg. Co. (Feed Cutters)

OHIO.

AKRON—Akron Cultivator Co. (Cultivators, Harrows, Plows, Harvesters, Bean Corn, etc)
ALLIANCE—Hist Potato Machinery Co.
ASHLAND—**MYERS F. E. & BRO,** 800 Orange. *See adv index at end of book*
AVERY—Hoover Mfg. Co. (Potato Diggers, & Sorters)
BELLEFONTAINE—Ironwood Mfg. Co. (Seed Cleaners)
BELLEVUE—Jeschke Mfg. Co. (Harvesters, etc)
Ohio Cultivator Co. (Cultivators, Plows Harrows, Planters, Listers, etc)
BEREA—Dunham Co. (Pulverizers & Rollers, etc)
BOWLING GREEN—Thornburgh Mfg. Co. (Hay Loaders, Garden Cultivators, Plows, Drills, etc)
BRYAN—Bryan Plow Co. (Plows, Harrows, etc)
BUCYRUS—Shunk Plow Co. (Plows, Handy Steel Farm Wagons, etc)
CANTON—Bucher & Gibbs Plow Co. (Plows, Harrows, Cultivators & Land Rollers)
Dick Jos. Mfg. Co. (Fodder Cutters, etc)
Kohler F. E. Co. (Hand Corn Planters)
Ney Mfg. Co. (Hay Carriers, etc)
Swineford G. A. Co. (Hay Carriers, etc)
CINCINNATI—Blymyer Iron Works Co. (Plantation Coffee & Rice Machy, etc)
Miller L. J.
CLEVELAND—American Fork & Hoe Co. (Forks, Hoes, etc)
BARTLETT C. O. & SNOW CO. (Corn Crushers & Shellers, Pearling, & Oatmeal Machy, etc)
See adv index at end of book
Dunham Co., Hippodrome bldg, Cleveland, Ohio
Cleveland Tractor Co. ("Cleveland" Tractors), Euclid & Lamb av
Empire Plow Co. (Plows, Harrows, Cultivators, etc) Works: Ensley, Ala.
Spalding Tilling Machine Co. (Disc Plows), 1434 W 3rd
COLDWATER—New Idea Spreader Co. (Manure Spreaders)
COLUMBIANA—Enterprise Co.
COLUMBUS—Columbus Plow Co.
Kilbourne & Jacobs Mfg. Co. (Scrapers)
CRESTLINE—Burch Plow Works Co. (Plows, etc)
International Mfg. Co. (Seed Cleaners)
DAYTON—Aughe Plow Co. (Plows)
Ohio Rake Co. (Harrows, Hay Loaders, Planters, Rakes, Tedders, Corn Shellers, Seeders)
DEFIANCE—Defiance Welding Co. (Peg Tooth Harrow & Pulverizer)
DOYLESTOWN—Seiberling & Miller Co. (Mowers, Reapers, Binders, Harvesters, etc)
FREMONT—Lehr Agricultural Co. (Cultivators, Harrows, etc)
GALENA—Hughes & Smythe (Revolving Rakes, Corn Planters, etc)
GERMANTOWN—Emrick A. E. (Plows, Harrows & Tobacco Presses)
HAMILTON—Deuscher H. P. Co. (Harrows, Pulverizers, Cultivators, Rakes, Planters)
Long & Allstatter Co. (Cultivators, Harrows, Plows, etc)
HARRISON—Campbell Bros. Mfg. Co. (Corn Drills, etc)
HILLSBORO—Bell C. S. Co. (Feed Mills, Cane Mills, etc)
KENT—Peterson Mfg. Co. (Pulverizers & Clod Crushers)
LANCASTER—Eagle Machine Co. (Feed Mills, Hand Planters, Corn Shellers, Feed Cutters)
Hocking Valley Mfg. Co. (Corn Shellers, Hay Rakes, Tedders & Loaders, Feed Cutters)
LOGAN—Logan Fdry. & Machine Co. (Plows, etc)
MADISON—Genung C. W. (Garden Seed Drills & Cultivators)
MALTA—Brown-Manly Plow Co. (Plows, Cultivators, etc)
MANSFIELD—Aultman & Taylor Machy Co (Threshers, Stackers, Clover Hullers)
Lean Roderick Mfg. Co. (Harrows, Grain Drills, Cultivators, Weeders, Land Rollers, etc)
MARION — Huber Mfg. Co. (Threshers, Stackers, Weighers, Engines, etc)
MARTINSVILLE—West & Townsend (Cultivators)
MARYSVILLE—Adams Husker Co.
MASSILLON—Harrison W. R. & Co. (Fodder Cutters, etc)
Russell & Co. (Threshers, Stackers, etc)
NAPOLEON—Heller-Aller Co. (Feed Cookers, Farm Boilers, Hog Scalders, Hog Waterers, etc)
NEW LEXINGTON—Star Mfg. Co. (Feed Mills, Grinders, etc)
NORTH FAIRFIELD — Fairfield Plow Works (Plows)
RIPLEY—Ripley Fdry. & Machine Co. (Pulverizers, etc)
SALEM—Silver Mfg. Co. (Feed Mills, Feed Cutters)
SPRINGFIELD—American Seeding Machine Co. (Grain Drills, Seeders & Sowers, Broadcast Disk, Harrows, etc)
Bauer Bros Co. (Grinding Machy) Bauer bldg
Bayley Wm. Co. (Feed Mills, Hand Grist Mills & Corn Shellers)
Buffalo-Springfield Roller Co.
Columbia Planter Co.
Duplex Mill & Mfg. Co.
Excelsior Drill Co.
International Harvester Co. of America, (See Chicago, Ill.
Mast, Foos & Co. (Lawn Mowers, Wind Engines, Pumps, etc)
Roberts Thos. (Feed Mills)
Ross E. W. Co. (Feed, Fodder & Ensilage Cutters, Manure Spreaders, etc)
Superior Mfg. & Mill Co.
Thomas Mfg. Co. (Grain Drills, Hay Loaders, Rakes, Tedders, etc)
SWANTON—Baker A. D. Co. (Threshers, Traction Engines, etc)
TIFFIN—Tiffin Wagon Co. (Corn Shellers, etc)
UPPER SANDUSKY—Ohio Mfg. Co.
URBANA—Bechtolt Geo. E. (Plows)
WESTERVILLE—Bennet H. L. & Co. (Corn Harvesters, Stump Pullers, etc)
WILMINGTON—Hunnicutt Chas. Co. (Seed Corn Graders)
ZANESVILLE—Brown Mfg. Co. (Plows, Harrows, Cultivators, etc)

OKLAHOMA.

MUSKOGEE—Eagle Hay Press & Implement Co. (Plows, Planters, Harrows, Cultivators, Stalk Cutters, Hay Presses)

PENNSYLVANIA.

CLEONA—Imboden Harrow & Roller Co. (Harrow & Land Roller Combined)
COCHRANTON — Nonpareil Mfg. Co. (Spreaders)
DOYLESTOWN—Doylestown Agricultural Co. (Threshers, Fodder Cutters)
EASTON—Hobson & Co
WILSON BROS. (Feed Mills, Feed Cutters) *See adv index at end of book*
ELIZABETHTOWN—Buch's A. Sons Co. (Corn Shellers, Fanning Mills, Feed Cutters)
ELYSBURG—De Shay D. H. (Corn Plows, Potato Diggers, etc)
GREENCASTLE—Walck Henry S. (Grain Cradles, Rakes, etc)
HAMBURG — Hamburg Plow Works (Plows, Potato Diggers)
INDIANA—Indiana Foundry Co. (Feed Cutters)
KENNETT SQ.—American Road Machinery Co. (Plows, etc)
LANCASTER—Dellinger A. M. (Feed Grinding Mills, etc)
LANESBORO—Barnes Mfg. Co. (Plows, etc)
LANSDALE—Heebner & Sons (Threshers, Harrows, Feed Mills, Feed Cutters)
LERAYSVILLE—Bailey E. M. & Son (Plows, etc)
MIFFLINBURG—Albright Jas. H. & Sons (Harrows, Cultivators, Rakes, Feed Cutters)
MOUNTVILLE — Mountville Mfg. Co. (Plows, Planters, Corn Shellers, etc)
MUNCY—Sprout, Waldron & Co. (Feed Mills, Corn Shellers, etc)
NEW HOLLAND—New Holland Machine Co.
ORANGEVILLE—Conner J. W. & Son (Feed Cutters, Harrows, Threshers, Separators, etc)
PHILADELPHIA—Allen S. L. & Co. ("Planet, Jr.," Cultivators, Planters, Seeders), Denckla bldg
Straub A. W. Co. (Feed Mills, etc), 3737 Filbert
POTTSTOWN—Ellis Keystone Agricultural Works (Threshers)
READING—Lessig Geo. D. & Son (Feed Cutters)
RIMERSBURG—Kaster P. M. (Plows, etc)
SCRANTON—Scranton Forging Co.
TATAMY—Messinger Mfg. Co. (Planters, Tedders, Threshers, Feed Cutters)
WAYNESBORO—Frick Co. (Threshers, Stackers, Shellers, Traction Engines)
YORK—Farquhar A. B. Co. Ltd. (Threshers, Plows, Grain Drills, Feed Mills, Planters, Corn Shellers, Engines, Feed Cutters)
Hench & Dromgold Co. (Potato Diggers, etc)
Keystone Machine Co. (Plows, Harrows, Cultivators, Feed Mills, Planters, Corn Shellers, Feed Cutters, Welders, Bobbin Casting & Machine Work)

SOUTH DAKOTA.

SIOUX FALLS—Deere John Plow Co
WATERTOWN—Lee Bros. (Plows, Harrows, etc)

TENNESSEE.

CHATTANOOGA—Chattanooga Implement & Mfg. Co. (Hay Presses, Plows & Cultivators)
Chattanooga Plow Co. (Plows, Cane Mills, Evaporators, Cotton & Corn Planters, etc)
Ross-Meehan Foundry Co. (Feed Cutters)
Sanders Newell Plow Co. (Plows)
CLARKSVILLE—Patch A. H. (Corn Shellers)
HARRIMAN—Harriman Mfg. Co. (Plows, Cotton Planters, Harrows, Feed Mills)
KNOXVILLE—Oliver Wm. J. Mfg. Co. (Plows)
MEMPHIS—Ellis Wm. C. & Sons Iron Works (Cotton Seed Cleaners)
MORRISTOWN—Koger Pea & Bean Thresher Co.
Ross-Meehan Foundries (Feed Cutters)

TEXAS.

BRENHAM—Schuerenberg F. W. (Plows)
DALLAS—Murray Co. (Cotton Gins, Presses, etc)
Southern Plow Co. (Plows, Cotton & Corn Planters, Harrows & Stalk Cutters, etc)
Texas Disc Plow Co. (Plows)
Texas Implement & Machine Co. (Cotton & Corn Planters & Cultivators, etc)
LONGVIEW—Kelly G. A. Plow Co. (Cultivators, Planters, Steel Shapes, Cast & Steel Plow Goods. Cast Steel & Chilled Plows)

VERMONT.

BARTON—Murkland Jno. W. Co. (Plows)
BELLOWS FALLS—Derby & Ball (Grain Cradles)
Vermont Farm Machine Co.
RANDOLPH—Sargent, Osgood & Roundy Co. (Cultivators, Plows, Potato Hillers, Corner Hay Racks, etc)

VIRGINIA.

ALEXANDRIA—May Wm. H. & Son (Plows)
BRIDGEWATER—Bridgewater Plow Corporation
CHARLOTTESVILLE—Harris R. F. & Co.
FREDERICKSBURG—Hunter Chas. E. Farmers' Friend Plow Works (Plows)
HARRISONBURG—Bradley P. & Sons (Plows, etc)
LYNCHBURG—Lynchburg Foundry Co. (Plows)
Lynchburg Plow Works (Walking Plows)
NORFOLK—Billups C. Son & Co. (Plows)
White's S. R. Sons (Plows, Cultivators, Planters, Corn Shellers & Feed Cutters)
Whitehurst R. W. Mfg. Corp. (Plows, Hay Presses)
PETERSBURG—Ayers J. R. (Fertilizer Distributors, Planters, etc)
RICHMOND—Call-Watt Co. (Plows)
Cardwell Machine Co. (Threshers, Planters, Feed Cutters, Horse Powers, Hay Presses)
Starke's Dixie Plow Works (Ashton Starke, Prop.) (Plows, etc)
STAUNTON—Leader Plow Co. (Garden Plows)

WASHINGTON.

SPOKANE — Northwest Harvester Co. (Harvesters)
WALLA WALLA—Washington Weeder Works (Disc Weeder Cultivators)

WISCONSIN.

ALGOMA—Wodsedalak Jos. (Feed Cutters, etc)
APPLETON—Appleton Hay Tool Co. (Hay Tools)
BEAVER DAM—Beaver Dam Mfg. Co. (Seeders)
BELOIT—Thompson Plow & Engine Works (Plows, Harrows, Cultivators, Listers, etc)
BRANDON—Sherwin E. C. & Son (Harrows)
BRILLION—Brillion Iron Works (Plows, Clod Crushers & Land Rollers)
EVANSVILLE—Baker Mfg. Co. (Feed Mills, Windmills, etc)
FOND DU LAC—Glasow Fred. (Plows)
FORT ATKINSON — Pounder Geo. H. (Harrows)
HORICON—Van Brunt Mfg. Co. (Cultivators, Grain Drills, Seeders, etc)
JANESVILLE—Janesville Machine Co. (Plows, Harrows, Cultivators, Listers, etc)
Strickler Hay Tool Co. (Haying Tools)
JEFFERSON—Vaughn Mfg. Co. (Harrows, Grain Mills, etc)
KEWAUNEE—Hamachek Frank (Plows, Feed Mills, Feed Cutters)
LA CROSSE—Castle A. M. Engineering Co.
LA CROSSE—La Crosse Plow Co. (Plows, Harrows, Cultivators, Grain Drills, Listers, Seeders)
McKenzie Bros. Mfg. Co. (Potato Machinery)
Smith Mfg. Co. (Stump Pullers)
MADISON—Madison Plow Co. (Plows, Harrows, Cultivators, Planters, etc)
MANITOWOC—Gaterman Mfg. Co. (Canada Thistle Cutters & Clover Bunchers)
Smalley Mfg. Co. (Corn Shellers, Plows, Feed Cutters)
MILWAUKEE—Allis-Chalmers Mfg. Co. (Farm Tractors & Rotary Soil Tillers) *See adv index at end of book*
Dorsch John & Sons (Potato Hiller & Digger Combined), 209 Wells
Hirsch Bros. (Potato Planters, Root Cutters, etc), 267 Reed
Lindsay Bros. (Band Cutters & Self Feeders), 78 Reed
Milwaukee Hay Tool Co. (Corn Huskers, Fodder Shredders & Haying Tools), Layton park
Rosenthal Corn Husker Co. (Huskers & Shredders Corn), West Allis
RACINE—Belle City Mfg. Co. (Feed & Ensilage Cutters, etc)
Case J. I. Plow Works (Plows, Harrows, Cultivators, Planters, Listers, etc)
Case J. I. Threshing Machine Co. (Threshers, Stackers, Weighers, etc)
Foster & Williams Mfg. Co. (Drag Rakes, Seeders, Fanning Mills, Feed Cutters,, Windmills, Feed Cutters, etc), Dept. O.
Freeman Mfg. Co. (Corn Shellers, Seeders, Fanning Mills)
Johnson & Field Mfg. Co. (Seeders, Fanning Mills, Land Rollers, etc.)
Wabers Mfg. Co. (Hand Corn & Potato Planters)
RIPON—Hazen W. S. (Harrows)
SHEBOYGAN—Blocki F. Co. (Clover Bunchers, Pea Harvesters, etc)
Globe Foundry & Machine Co. (Feed Mills & Feed Cutters)
SPARTA—Sparta Iron Wks Co. (Stump Pullers)
SUPERIOR—Duplex Mfg. Co. (Feed Mills, etc)
WATERLOO—Drew Carrier Co. (Feed & Litter Carriers)
WAUKESHA—Rowell I. B. Co. (Plows, Harrows, Feed Cutters, Ensilage Cutters)
WAUPUN—Althouse-Wheeler Co. (Feed Mills, etc)
Olson O. C. (Plows)
WAUSAU—Wausau Foundry & Machine Co. (Feed Cutters)
WEST BEND—Gehl Bros. Mfg. Co. (Feed & Fodder Cutters, Corn Shellers Hay Tedders, Harrows, etc)

93—Agricultural Implement Parts & Shapes

American Shovel & Stamping Co., Lorain. O.
Camboria Steel Co., Cordence bldg, Phila.. Pa.
Carnegie Steel Co. (Steel), Carnegie bldg. Pittsburgh, Pa.
Empire Plow Co. (Cultivator, Attachments, Clevises. Coulters. Grain Drill Points, etc), Cleveland, O.
Havana Metal Wheel Co. (Plow Shares, Points, Lister Shares, Sub-Soilers, etc), Havana. Ill.
Janesville Machine Co. (Harrow Attachments), Janesville. Wis.
Mason F. C. & Co. (Potato Digger Blades. Harrow Shoes, Corn Planters, Plows.
Noll Bros., 849 Allis, Milwaukee, Wis.
Parlin & Orendorff Co., Canton, Ill.

94—*Air Brake Storage Systems

WESTINGHOUSE TRACTION BRAKE Co., Pittsburgh, Pa.

Air Conditioning

See Washers (Air)

95—Air Cooling & Purifying Apparatus

See also Humidifying Apparatus; also Washers
American Blower Co. ("Sirocco"), 1400 Russell, Detroit, Mich.
American Spray Co., 26 Cortlandt, New York
Bremer Air Conditioning Corp., Lafayette bldg, Philadelphia, Pa.
Carrier Engg. Corp., 39 Cortlandt. New York
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Cramer Stuart W. ("Cramer" System of Air Conditioning), Charlotte, N. C.

95a— Air Ducts (Steel)

HELTZEL STEEL FORM & IRON CO., Warren, O. *See adv index at end of book*

95b—*Aircraft Wire, Strand & Cord

ROEBLING'S JOHN A. SONS CO. Main Office, Trenton, N. J., Works, Trenton & Roebling, N. J. *See adv index at end of book*

96—Airlocks (Sewerage, Automatic)

Merritt Hydraulics Co. ("Merritt"), 110 N Broad, Philadelphia, Pa.
Priestman Albert ("Merritt"), 328 Chestnut, Philadelphia, Pa.

97— Airmeters

Taylor Instrument Companies ("Tycos"), Rochester, N. Y.
See adv index at end of book

98—*Air Motors & Air Hoisting Machinery

DETROIT HOIST & MACHINE CO., Detroit, Mich.
See adv index at end of book

AIR MOTORS & AIR HOISTING
Machinery
DETROIT HOIST & MACHINE CO
DETROIT, MICH.

99— Airole

Hoffmann—La Roche Chemical Works, 440 Washington, New York
Morgan Spring Co., Worcester, Mass.
See adv index at end of book

100— Airometers

Denver Hydro Co., 3100 Stuart, Denver, Col.

100a—Airplane Parts & Supplies

See also Specific Article Required

Acklin Stamping Co. (Stampings Only), 1659 Dorr, Toledo, O.
See adv index at end of book
Alcock John L. & Co. (Specialties), Baltimore, Md.
Aluminum Co. of America (Aluminum. Ingot, Sheet, Tubing, Wire, Rod, Rivets. Molding Extruded Shapes, Elec. Conductors), 2400 Oliver bldg, Pittsburgh, Pa. *See adv index at end of book*
Aluminum Castings Co. (Lynite Alloys), 1205 Carnegie av, S. E., Cleveland, O.
Am. Body Co., 1257 Niagara, Buffalo. N. Y.
Astoria Veneer Mill & Duck Co.. Ft. Blackwell Long Island City, N. Y.

Barcalo Mfg. Co. (Shackles, Eyelets, Hose Clamps, Thimbles, Wing Socket Plates, Shut Ends, Hinges, Washer Plates & Misc. Forgings), Buffalo, N. Y.
Bettcher Mfg. Co. (Stampings), 6120 Clark av, Cleveland, O.
Betz-Pierce (Cold Drawn 3½% Nickel Steel; also Large Rounds), 2230-40 E. 9th, Cleveland, O.
Booth Felt Co., 440 19th, Brooklyn, N. Y.
Boston Auto Gage Co., 8 Waltham, Boston, Mass.
Buffalo Pressed Steel Co., 31 Lansing, Buffalo, N. Y.
Century Telephone Construction Co., Buffalo, N. Y.
Champion Machine & Forging Co. (Forgings), 3690 E. 78th, Cleveland, O.
See adv index at end of book
Chemical Products Co. (Cloth Varnishes Non-Inflammable Sheets & Films, 93 Broad, Boston, Mass.
Chicago Aeronautical Supply Co., Chicago, Ill.
Cincinnati Screw Co. (Bolts, Nuts, Clevis Pins & Special Parts), Twightusee, O.
Cold Light Mfg. Co. (Marvelite Dial, Illuminating Powder), 558 W. 158th, New York
Crown H'ware Mfg. Co. (Stampings, etc.), 1101-21 E. 2nd, Dayton, O.
Cuyahoga Spring Co. (Motor or Engine Springs, Sand Bag Hooks & Valve Springs for Balloons), 16609 Waterloo rd, Cleveland, O.
See adv index at end of book
Dayton Metal Products Co. (Standard Types Turnbuckles, Tie Rods, Clevises, Thimbles, Bolts & Clevis Pins), Dayton, O.
Dewes A. Co. (Stamping, Welding, Machining, Tubing), 199 Lafayette, New York
Dominion Asbestos Rubber Corp., 154 Nassau, New York
See adv index at end of book
Dural Rubber Corp. (Rubber Parts), Flemington, N. J.
Empire Art Metal Co. (Tubing), College Point, N. Y.
Engel Aircraft Co. (Wood Parts), Niles, O.
Erie Specialty Co. (Metal Parts), Erie, Pa.
Fahrig Metal Co. (Bearing Metal), 34 Commerce, New York
Ferdinand L. W. Co. (Liquid Glue), 154 Kneeland, Boston, Mass.
Fisher Body Corp., Oakland & Piquette, Detroit, Mich.
Foxboro Co., Inc. (Indicating & Recording Gages & Thermometers, Airspeed, etc.), Foxboro, Mass.
See adv index at end of book
Garford Engng. Co. ("Aero Metal" for Construction), Elyria, O.
Hammacher, Schlemmer & Co. (Screws, Tools, etc.), 133 Fourth av, New York
Hardy F. A. & Co. (Aviators' Goggles), 10 So. Wabash av, Chicago, Ill.
Haustetter A. (Dashboard Altimeters, Recording Barographs, Pocket & Watch Aneroid Barometers), 308 Madison av, New York
Kawner Mfg. Co., Grand Rapids and Niles, Mich.
King, Julius, Optical Co., 10 Maiden la, New York
KNAPP ARTHUR ENGINEERING CORP. (Fittings), 30 Church, New York
See adv index at end of book
Levett Walker M. Co. ("Magnalite" Pistons), 417 E. 23rd, New York
Leygrand & Co. (Aluminum Sheets, Screw Stock, Rod & Wire), 120 B'way, New York
Lippincott A. H. & F. H., 24th & Locust, Phila., Pa.
McBratney Robert & Co. (Airplane Linen), 121 Franklin, New York
Midvale Steel Ordnance Co. (Forgings), Widener bldg, Phila., Pa.
Moisel Press Mfg. Co. (Airplane Gears), 942 Dorchester av, Boston, Mass.
Mosler A. R. & Co. (Plugs), Mt. Vernon, N. Y.
Motor Compressor Co. (Compressed Air Starters), Newark, N. J.
See adv index at end of book
Nat'l Gage & Equipment Co., La Crosse, Wis.
New Departure Mfg. Co. ("New Departure"), Bristol, Conn.
See adv index at end of book
New Century Adding Machine Co., E. St. Louis, Ill.
New Jersey Veneer Co. (Veneered Panels), Paterson, N. J.
Norma Co. of Am. ("Norma" Speed Bearing), 1790 B'way, New York
See adv index at end of book
O'Hare-Waltham Dial Co., Waltham, Mass.
Ordnance Engng. Corp. (Parts & Appliances), 120 B'way, New York
Pacific Aero Products Co., Seattle, Wash.
Palmer-Simpson Corp. (Hulls & Pontoons), Saranac Lake, N. Y.
Park Drop Forge Co. (Counterbalanced Crank Shafts), 760 E. 79th, Cleveland, O.
Penn Flexible Metallic Tubing Co. (Metal Hose), 201 No. Broad, Phila., Pa.
Penn H'dwe & Paint Co. (Clevises & Shackles, Milled Bolts 3½% Nickel, Buckles, & H'dwe), Woolworth bldg, New York
Powell, Wm. & Co. (Emergency Tank Coolers), Cincinnati, O.
Radium Dial Co. (Luminous Compounds), Forbes & Meyranaves, Pittsburgh, Pa.
Roebling John A. Sons Co. (Wire, Strand, Cord, Thimbles, Ferrules, etc.), Trenton, N. J. *See adv index at end of book*
Russell Mfg. Co. (Rubber Aero Cord for Shock Absorbers), 349 B'way, New York
Ryder Brass Fdy Co. (Aluminum Castings), Bucyrus, O.
Saxon Mfg. Co. (Screw Machine Parts & Metal Stampings), 1034 Grand av, Toledo, O.
Legfang, Frank G. (Airships, Balloons & Aero Equipmt), 1465 B'way, New York
Sheip & Vandegrift, Inc. (Lumber), 81 Lawrence, Phila., Pa.
Solar Metal Products Co. (Steel Water-Motor Jackets, Steel Fuselage & Gusset Plates), Columbus, O.
So-Luminum Mfg. & Engng. Co. (Welding Solder), 1790 B'way, New York
Sperry Gyroscope Co. (Instruments & Supps.), 40 Flatbush av Extension, Brooklyn, N. Y.
Sprague Electric Wks. (Dynamometer Testing Sets), 527 W. 34th, New York
Standard Parts Co. (Bearings, Forgings, Rod Assembles, Springs, Steel Tubing, Rebuilding Parts, Rims), Cleveland, O.
See adv index at end of book
Stimpson Edwin B. Co. (Sheet Metal, Brass & Copper Bars, Tubes, Rods, Brass Wire), 68 Franklin av, Brooklyn, N. Y.
Strauss & Buegeleisen (Aviators' Goggles), 438.
Taylor Instrument Co., Rochester, N. Y.
See adv index at end of book
Tioga Steel & Iron Co. (Cylinder Forgings, Propeller Hubs, Flanges, Shafts, etc.), 52d & Grays av, Phila., Pa.
Ulmer Leather Co. (Waterproof Cement & Dope), Norwich, Conn.
Welch Mfg. Co., Grand Rapids, Mich.
Western Elec. Co., 463 West, New York
White J. G. Engng. Corp. (Service in Designing, Engng. & Constructing Plants)
Whitman & Barnes Mfg. Co. (Drop Forgings), 100 W. 120th, Chicago, Ill.
See adv index at end of book
Williams J. H. & Co. (Crankshafts, Connecting Rods, Turnbuckles, etc.; Forgings, Wrenches, Wrench Sets), 31 Richards, Brooklyn, N. Y.
See adv index at end of book
Wood J. W. Elastic Webb Co. (Cord), 181 W. Lake, Chicago, Ill.
Wyman-Gordon Co. (Crankshafts), Worcester, Mass.
See adv index at end of book

100b—Airplanes, Seaplanes, Etc.

See also Airplane Parts & Supplies

Aeromarine Plane & Motor Co., Times bldg,. New York
Am. Steel Tube Co., Toledo, Ohio
Benoist Aeroplane Co., Sandusky, O.
Boeing Airplane Co., Seattle, Wash.
Briggs Aeroplane Co., Alexandria, Va.
Buck Aircraft & Munition Co. (All Metal Aeroplanes), Ernst & Cranmer bldg., Denver, Colo.
Burgess Co., Marblehead, Mass.
Christofferson Aircraft Co., 57 Post, San Francisco, Cal.
Connecticut Aircraft Co., New Haven, Conn.
Continental Aircraft Corp., 120 Liberty, New York
Cooper John D. Aeroplane Co., Bridgeport, Conn.
Curtiss Aeroplane & Motor Corp. (Airplanes & Seaplanes), Buffalo, N. Y.
Dayton Wright Airplane Co. The, Dayton, O.
Empire Art Metal Co., Inc. (Tubing), College Point, N. Y.
Fisher Body Corp., Oakland & Piquette, Detroit, Mich.
Fowler Airplane Corp., 128 12th, San Francisco, Cal.
General Aeroplane Co., 1507 E. Jefferson av., Detroit, Mich.
Glenn-Martin Co., Cleveland, Ohio
Graton & Knight Mfg. Co. (Leather Packing, Washers & Strapping), Worcester, Mass.
Goodyear Tire & Rubber Co., Akron, O.
Heinrich A. S. Corp., Freeport, Long Island, N. Y.
Ideal Aeroplane & Supply Co. (Also Models), 83B W. B'way, New York
International Aerial Navigation Co., 1270 B'way, New York
International Airship Corp., 56 S State, Chicago, Ill.
Janney Aircraft Co., Monroe, Mich.
Konigslow Otto Mfg. Co. (Stampings), 3506 Perkins av, Cleveland, O.
Kyle Smith Aircraft Co., Wheeling, W. Va.
L.-W.-F. Engineering Co., College Point, L. I., N. Y.
Lanzius Aircraft Co., Woolworth bldg, New York
Lawson Aircraft Co., Green Bay, Wis.
Loening Aeronautical Eng. Corp., 45 11th, Long Island City, N. Y.
Longien Airplane Co., Topeka, Kans.
Martin-Glenn L. Co., 16800 St. Clair, Cleveland, O.
Metal Pts. Mfg. Co. (Metal Pts.), 1084 E. 152d, Cleveland, O.
Mullins W. H. Co. (Sheet Metal Pts.), 341 Franklin, Salem, Mass.
Murray & Tregurtha Co., 340 W. 1st, S. Boston, Mass.
National Aeroplane Co., 555 Wash. bl., Chicago, Ill.
Ordnance Engng. Corp. (Designers & Builders), 120 B'way, New York
Pierce Samuel S. Aeroplane Corp., Southampton, Long Island, N. Y.
Richardson Aeroplane Corp., New Orleans, La.
Rogers Construction Co., Gloucester City, N. J.
Schmitt Maximilliam, Paterson, N. J.
Simplex Aircraft Co., New Haven, Conn.
Springfield Aircraft Corp., Mason av, Springfield, Mass.
Standard Aero Corp., Woolworth bldg., New York
Standard Parts Co., W. 73d, Cleveland, O.
See adv index at end of book
Sturtevant Aeroplane Co., Williams, Jamaica Plain, Mass.
Thomas-Morse Aircraft Co., Ithaca, N. Y.
United Eastern Aeroplane Corp., 1253 De Kalb av., Brooklyn, N. Y.
Walden-Hinners Co. (Airplanes, Seaplanes, etc.), Edgewater, N. J.
Witteman-Lewis Aircraft Co., Lincoln Highway, Newark, N. J.
Wright-Martin Aircraft Corp., 60 B'way, New York

101— Alarms (Burglar)

Ansonia Electrical Co., Ansonia, Conn.
Auth Elec'l Specialty Co., 422 E 53rd. New York
Bunnell J. H. & Co., 32 Park pl, New York
Crouse-Hinds Co., Syracuse, N. Y.
Duplex Elec. Co., 258 B'way, New York
Edwards & Co., Exterior & 140th, New York
Electric Goods Mfg. Co., Canton, Mass.
Engineering Products Co., 40 Goldsmith av., Detroit, Mich.
Garl Electric Co., Akron, O.
Holmes Elec. Protective Co., 26 Cortlandt, New York
Holtzer-Cabot Electric Co., 125 Amory, Boston, Mass.
Manhattan Electrical Supply Co., 17 Park pl, New York *See adv index at end of book*
Metropolitan Elec. Protective Co., 130 W. 26th, New York
Ostrander W. R. & Co., 371 B'way, New York
Partrick & Wilkins Co., 51 N 7th, Phila., Pa.
Stanley & Patterson ("S. & P." Double Magnet), 23 Murray, New York
Stewart S. A., Waltham, Mass.
United Electric Apparatus Co., 1529 Columbus av, Boston, Mass.

102—Alarms (Burglar System)

American Bank Protection Co., 1201 S 3d, Minneapolis, Minn.
Holmes Electric Protective Co., 26 Cortlandt, New York
Metropolitan Electric Protective Co., 130 W 26th, New York

103—Alarms (Fire, Manual, Thermostatic & Automatic Systems)

Aero Fire Alarm Co., Seattle, Wash.
American Fire Alarm Co., 976 Liberty av Pittsburgh, Pa.
Anderson Coupling & Fire Supply Co., Kansas City, Kans.
Auth Elec'l Specialty Co., 422 E. 53d, New York
Autocall Co. (Interior Systems), Shelby, O
Automatic Fire Detector Co., 46 W 53rd, New York
Automatic Fire Alarm Co., Bradford, Pa
Automobile Supply Mfg. Co., 80 B'way, Brooklyn, N. Y.
Champion Machine & Forging Co. (Forgings), 3690 E. 78th, Cleveland, O.
See adv index at end of book
Auxiliary Fire Alarm Co., 144 Oliver, Boston, Mass.
Benjamin Elec. Mfg. Co., 128 S. Sangamon Chicago, Ill. *See adv index at end of book*
Boston Automatic Fire Alarm Co., 141 Milk, Boston, Mass.
Boston Fire & Police Notification Co. ("Wall"), 11 High, Boston, Mass.
Bunnell J. H. & Co., 32 Park pl, New York
Burchell-Johnston Corp. (Detectors), 149 B'way, New York
Chicago Engineer Supply Co. ("Acme"), 68 W. Lake, Chicago, Ill.
Conn. Tele. & Elec. Co., 70 Britnia, Meriden, Conn.
Denio General Electric Co. (Operating Over Telephone Circuits), Rochester, N. Y.
Edwards & Co. (Manual), Exterior & 140th, New York
Elec. Automatic Appliance Co., Denver, Colo.
Elec. Fire Alarm Co., Sheboygan, Wis.
Electrical Sales Co., 176 Federal, Boston, Mass.
Federal Sign System (Electric), 640 W Lake, Chicago, Ill.
Fire Alarm Signal Co., 303 Congress Boston, Mass.
Foote, Pierson & Co., 160 Duane, New York
Gamewell Fire Alarm Telegraph Co., 70 E. 45th, New York
Garl Electric Co., Akron, O.
General Fire Extinguisher Co., 275 W. Exchange, Providence, R. I.
Goldstein Engng. Co. ("Air-Alarm," Automatic Detectors), 45 Maiden la., New York
Holtzer-Cabot Elec. Co., 125 Amory, Boston, Mass.
Ideal Fire Detector Co., 374 Plane, Newark, N. J.
Klaxon Co., 194 Wright, Newark, N. J. Stonington, Conn.
McFell Signal Co., 2857 S Halsted, Chicago, Ill.
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
Manhattan Fire Alarm Co., 44 E 23rd, New York
Metropolitan Elec. Protective Co., 130 W. 26th, New York
Mohawk Elec. Mfg. Co., 45 Lawrence, Newark, N. J.
New York Brass Foundry Co. ("Stillbeck"), 104 Centre, New York.
Ohio Signal Co., Canton, O.
Ostrander W. R. & Co., 371 B'way, New York
Palmer Electric & Mfg. Co., 60 K., Boston, Mass.
Partrick & Wilkins Co., 51 N 7th, Phila., Pa.
Rex-Harris Fire Appliance Co., 39 E. 19th, New York.
Rope Fire Escape Co., 1602 Market, Phila,, Pa.
Russell Elec. Co. (Horns & Whistles), Danbury, Conn.
Samson Elec. Co., 146 Summer, Canton Mass.
Special Fire Alarm Electric Signal Co., 44 E 23d, New York
Star Electric Co., Newark, N. J.
Standard Electric Time Co. ("Standard"), Springfield, Mass.
Stanley & Patterson, 23 Murray, , New York.
Stewart S. A. & Co., Waltham, Mass.
U. S. Automatic Fire Alarm Co. (Automatic & Thermostatic), Kansas City, Mo.
U. S. E. M. Co. (Potentiostat Sets), 301 W 37th, New York
Utica Fire Alarm Telegraph Co., Utica, N. Y.
Vierkant H. C., Tarrytown, N. Y.
Volunteer Firemen Signal Co., Minneapolis, Minn.
Western Elec. Co., 463 West, New York
Western May-Oatway Fire Alarms, Los Angeles, Cal.

104—Alarms (Low Water, for Boilers)

ANDERSON V. D. Co. ("Anderson," also High Alarms), W 96th, ,Cleveland, O.
See adv index at end of book
Ashcroft Mfg. Co., 119 W 40th, New York
Binghamton Machine Works ("The Turner"), Binghamton, N. Y.
Bogardus-Nelson Co. ("Hylo"), Marshalltown, Ia.
Buckeye Iron & Brass Works, Dayton O.
Chicago Automatic Switch Co. (High & Low Water), 212 N Peoria, Chicago, Ill.
Chicago Engineers Supply Co. ("Acme"), 68 W Lake, Chicago, Ill.
Detroit Lubricator Co., Detroit, Mich.
Elliott Co. ("Elliott"), Pittsburgh, Pa.
Engineering Co. of Phila., Harrison bldg., Phila., Pa.
Hills-McCanna Co., 153 W Kinzie, Chicago, Ill.
Jarvis Engine & Mach. Works, Lansing, Mich.
Kitts Mfg. Co. (High & Low), Oswego, N. Y.
Lawler Regulator Co., 55 W Houston, New York
Lonergan J. E. Co. ("Reliable"), 211 Race, Phila., Pa.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Ostrander W. R. & Co. ("Nev"), 371 B'way, New York
Partrick & Wilkins Co., 51 N 7th, Phila., Pa.
Pittsburgh Gage & Supply Co. (Also High Water "Pittsburgh" Safety), 30th & Liberty av, Pittsburgh, Pa.
Reliance Gauge Column Co., Cleveland, O.
Rutzler Enoch Co., 404 E 49th, New York
Stanley & Patterson, 23 Warren, New York
Steigert L. Co. (Also for High Water, "U. S." Indicator), Logan & Elder, Cincinnati, O.
Walsh & Weidner Boiler Co., Chattanooga, Tenn. *See adv index at end of book*
Weld Geo. A. Co., 79 Milk, Boston, Mass.
Williams Gauge Co., 543 4th av, Pittsburgh, Pa.
Wright Mfg. Co. (Also High Water Alarms), 97 Woodbridge, W, Detroit, Mich.

105— Alarms (Mine Car)

American Safety Lamp & Mine Supply Co. ("American" Automatic), Scranton, Pa.

106— Alarms (Tank)

Bogardus-Nelson Co. ("Hylo" Water Alarms For Tanks, Towers & Reservoirs), Marshalltown, Ia.
CALDWELL W. E. CO. ("Caldwell" High Low Water Tank), Louisville, Ky.
See adv index at end of book
Electrical Repair Co., 548 W 25th, New York
Leahy John J., 48 Dey, New York
Ostrander W. R. & Co., 371 B'way, New York
Partrick & Wilkins Co., 51 N 7th, Phila., Pa.
Stanley & Patterson, 23 Murray, New York
Waldman John J., 136 Liberty, New York

107— Alarms (Tire)

Polo Pneumatic Tire Alarm Mfg. Co., 160 N 5th av, Chicago, Ill.

108— Albone

Roesler & Hasslacher Chemical Co., 100 William, New York

109— Albumenometers

Automatic Fire Alarm Co., 416 B'way, New York
Tagliabue Chas J. Mfg. Co. ("Esbash's"), 18 33d, Brooklyn, N. Y.

110— Albums (Post Card)

Horn W. C. Bro. & Co., 541 Pearl, New York
Ideal Specialty Co., 552 Adams, Chicago, Ill.
Ward Sam'l Mfg. Co., 299 Atlantic av, Boston, Mass.

111— Alcohol (Denatured)

Alcohol Utilities Co. ("Pyro"), 27 William, New York
American Distilling Co., Pekin, Ill.
Apothecaries Hall Co. (Jobbers), Waterbury, Conn.
Berg David Distilling Co., Delaware & Tasker, Phila., Pa.
Berry Bros., Detroit, Mich.
Bird J. A. & W. & Co. (Mfrs Agents), 88 Pearl, Boston, Mass.
Boyd F. O. & Co., 433 Washington, New York
Commercial Distilling Co., Terre Haute, Ind.
Cooper Chas. & Co., 194 Worth, New York
Corby Co., Washington, D. C.
Corning & Co., Peoria, Ill.
Gray Wm. S. & Co. (Jobbers), 80 Maiden la., New York
Hammond J. T. & Son, 4534 Hedge, Phila., Pa.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Heil Henry Chemical Co., St. Louis, Mo.
Industrial Chemical Co., 200 5th av, New York
International Distilling Co., Ltd., Pine & Ferdinand, New Orleans, La.
Jefferson Distilling & Denaturing Co. ("Radio," Complete Denatured), Harvey, La.
Lakeside Distilling Co., 140 W Water, Milwaukee, Wis.
MINER-EDGAR CO., 30 Church, New York
National Distilling Co., foot 27th, Milwaukee, Wis.
Philadelphia Distributing Co., 1345 Frankford av, Phila., Pa.
Pierce & Stevens, Buffalo, N. Y.
Salomon L. A. & Bro., 216 Pearl, New York
Union Distilling Co., 3d & Race, Cincinnati, O.
United States Industrial Alcohol Co. ("Pyro"), 27 William, New York
Walsh Jas. & Co., Union Trust bldg, Cincinnati, O.
Webb A. L. & Sons, 115 E Lombard, Baltimore, Md.
Webb James A. & Son, 50 Stone, New York
Western Industries Co., 110 Sutter, San Francisco
Wood Products Co., Buffalo, N. Y.
Woolner Distilling Co., Peoria, Ill.

111a— Alcohol

Am. Distilling Co. (Industrial, Medicinal & Scientific), Pekin, Ill.
Am. Distilling Co. of N. Y. (Industrial, Medicinal, etc.), 491 Washington, New York
Am. Spirits Mfg. Co. (Industrial, Scientific, etc.), 27 William, New York
Columbia Distilling Co. (Industrial, Medicinal & Scientific), Waterloo, N. Y.
Everett Distilling Co. (Alcohol & Rum for Industrial & Medicinal Purposes), Everett, Mass.
Felton & Son (Denatured Rum for Tobacco, etc.), 516 E. 2nd, Boston, Mass.
Internat'l Distilling Co., Ltd. (Industrial, Medicinal & Scientific), Pine & Ferdinand, New Orleans, La.
Industrial Distilling Co. (Industrial, Medicinal & Scientific), Waterloo, N. Y.
New England Distilling Co. (Denaturated Rum for Tobacco, etc.), Covington, Ky.
Union Distilling Co. (Medicinal, Industrial, etc.), Cincinnati, O.
Wathen R. E. & Co. (Industrial, Medicinal & Scientific), Louisville, Ky.
Western Industries Co. (Industrial & Medicinal), 110 Sutter, San Francisco, Cal.

112— Alcohol (Ethyl)

Corby Co., Washington, D. C.
Jefferson Distilling & Denaturing Co., Harvey, La.
Michigan Chemical Co., Bay City, Mich.

113— Alcohol (Grain)

American Distributing Co., 27 William, New York
American Spirits Mfg. Co., 27 William, New York
Boyd F. O. & Co., 433 Washington, New York
Clifton Springs Distilling Co., Ludlow av & B & O S W Cum., Cincinnati, O.
Commercial Distilling Co., Terre Haute, Ind.
Merchants Distilling Co., Terre Haute, Ind.
Standard Distilling & Distributing Co., 27 William, New York
Union Distilling Co., Cincinnati, O.
Wathen R. E. & Co., Louisville, Ky.
Webb A. L. & Sons, 115 E Lombard, Baltimore, Md.
Webb Jas. A & Son, 50 Stone, New York

113a— *Alcohol (Iso Amyl, Butyl & Wood)

Du Pont Chemical Works, Wilmington, Del.

114— Alcohol (Wood)

Berry Bros., Wight & Leib, Detroit, Mich.
Bird J. A. & W. & Co. (Mfrs Agents), 88 Pearl, Boston, Mass.
Boyne City Chemical Co., Boyne City, Mich.
Buckhannon Chemical Co., Olean, N. Y.
Cadillac Chemical Co., Cadillac, Mich.
Clawson Chemical Co., Ridgway, Pa.
Cleveland Cliffs Iron Co., Rockefeller bldg, Cleveland, O.
Cooper Chas. & Co., 194 Worth, New York
Corbett M. J. & Co., Binghamton, N. Y.
Coryville Chemical Co., Bradford, Pa.
Cummer-Diggins Co., Cadillac, Mich.
Day Chemical Co., Westline, Pa.
Florida Wood Products Co., Jacksonville, Fla.
Forest Chemical Co., Sheffield, Pa.
Gaffney Wood Products Co., Bradford, Pa.
Georgia Pine Turpentine Co., 158 Perry, New York
Gray Wm. S. & Co. (Jobber, "Columbian Methanol"), 80 Maiden la., New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Heinemann Chemical Co., Olean, N. Y.
James Mfg. Co., Kane, Pa.
Keery Thomas Co., Hancock, N. Y.
Kingsport Wood Reduction Co., Kingsford, Tenn.
Lackawanna Chemical Co., Straight, Pa.
Leighton Arthur Co., Methol, N. Y.
Lewis Run Mfg. Co., Bradford, Pa.
Marvindale Chemical Co., Bradford, Pa.
Maryland Wood Products Co., Bradford, Pa.
McKean Chemical Co. (Wood Spirits), Williamsport, Pa.
Mashek Chemical & Iron Co. (Refined), Wells, Mich.
Michigan Chemical Co., Bay City, Mich.
MINER-EDGAR CO., 30 Church, New York
Nansen Chemical Co., Nansen, Pa.
National Chemical Co., Bradford, Pa.
Newton Chemical Co., Olean, N. Y.
Noble Electric Steel Co., 995 Market, San Francisco, Cal.
Norwich Chemical Co., Crosby, Pa.
Nusbaum Chemical Co., Bradford, Pa.
Oswaygo Chemical Co., Bradford, Pa.
Otto Chemical Co., Williamsport, Pa.
Peak C. W., Peakville, N. Y.
Penna Alcohol & Chemical Co., 136 N Water, Phila., Pa.
Pierce & Stevens, Buffalo, N. Y.
Russell Chemical Co., Ltd., Russell, Pa.
Salomon L. A. & Bro., 216 Pearl, New York
Smith A. B. Chemical Co., Buffalo, N. Y.
Straight Creek Chemical Co., Straight, Pa.
Sullivan Chemical Co., Acidalia, N. Y.
Susquehanna Chemical Co., Straight, Pa.
Treyz G. H. & Co., Binghamton, N. Y.
Treyz G. I., Cook Falls, N. Y.
Tyler-Hall Chemical Co. (Crude), Hancock, N. Y.
Webb A. L. & Sons ("Columbian"), 115 E Lombard, Baltimore, Md.
Webb Jas. A. & Son, 50 Stone, New York
Wood Products Co. (Pure Methyl & Refind), Buffalo, N. Y.
Wright Chemical Co., Susquehanna, Pa.
Wyman Chemical Co., Port Alleghany, Pa.

115—Aligning & Leveling Apparatus

Kinkead Mfg. Co. ("Kinkead" for Faulty Alignment of Shafting), 45 High, Boston, Mass.

116— Alizarine Assistant

Bosson & Lane, Atlantic, Mass.
Leyland Thos. & Co., Readville, Boston, Mass.
National Oil Products Co., Harrison, N. J.
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York
Pawtucket Mordant Co., Pawtucket, R. I.
Providence Drysalters Co., East Greenwich, R. I.
Shaw Jno. & Co., 15 Elkins, South Boston, Mass.
United Indigo & Chemical Co., Ltd., 176 Federal, Boston, Mass.
Wolf Jacques & Co., Passaic, N. J.

117— Alkali Mfrs.

American Chemical Co., 640 Carr, Cincinnati, O.
Arnold, Hoffman & Co., 55 Canal, Providence, R. I.
Clark Fred G. Co., 1081 W 11th, Cleveland, Ohio
Columbia Chemical Co., Pittsburgh, Pa.
Ford J. B. Co. (Tanners, etc), Wyandotte, Mich.
Fuerst Bros. & Co. (Imported), 2 Stone, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Hollingsworth & Peterson, Lafayette bldg, Phila., Pa.
Mathieson Alkali Wks., Inc., Niagara Falls, N. Y.
Mathieson Alkali Works ("Eagle" & "Thistle" Brands), 53 Canal, Providence, R. I. Works Saltville, Va.
Michigan Alkali Co., Wyandotte, Mich.
Missouri Chemical Works, 4004 Duncan av, St. Louis, Mo.
Niagara Alkali Co., Niagara Falls, N. Y.
Royal Chemical Co. ("Royal" Powder, will remove Vienna Lime from Buffed or Polished Work), Phoenix, R. I.
Solvay Process Co., Syracuse, N. Y., Hutchinson, Kan., and Detroit, Mich.
Wing & Evans (Selling Agent), 22 William, New York
Winkler Isaac & Bro., 1st Nat'l Bank bldg, Cincinnati. O.

118— Alkarhein

Merrell W. S. Chemical Co., 5th & Pike, Butler, Cincinnati, O.

118a— Alloy Metals (Special)

Aterite M. H. Co., Inc. ("Aterite" & "M. H. Aterite" Non-Corrosive), 55 John, New York
Bario Metal Corp. ("Bario Heat, Acid & Alkali Resisting), 167 W 18th, New York

118b—Alloy (Pyrophoric & Cerium)

Foote Mineral Co., 109 N 19th, Phila., Pa.
Imex Corp., 23 Beaver, New York
Pfanstiehl Co., No. Chicago, Ill.

119— Alloys (Aluminum)

See also Ferro-Aluminum
Acieral Co. of America, 26 Cortlandt, New York

ALUMINUM
Ingots—Sheets—Rods—Granulated
UNITED SMELTING & ALUMINUM CORP.
NEW HAVEN, CONN.
Branches { 24 Stone Street, New York City
1334 Dime Bank Bldg., Detroit, Mich.

American Alloys Co., American bldg, Baltimore, Md.
American Duralumin Co., 11 Pine, New York
Garford Engineering Co. ("Aero Metal"), Elyria, O.
LEAVITT, C. W. & CO., 34 Church, New York. *See adv index at end of book*
UNITED SMELTING & ALUMINUM CORP., 187 Commerce, New Haven, Conn. *See adv index at end of book*
U. S. Reduction Co., East Chicago, Ind.

120—Alloys (Brass & Bronze)

American Alloys Co., American bldg, Baltimore, Md.
Bunting Brass & Bronze Co., 738 Spencer, Toledo, O. *See adv index at end of book*
Damascus Bronze Co. ("Damascus"), Pittsburgh, Pa.
See adv index at end of book
Michigan Smelting & Refining Co., 1695 Jos. Campau st., Detroit, Mich.
See adv index at end of book
North American Copper Co., 52 Vanderbilt av, New York
Riverside Metal Co., Riverside, N. J.

121—Alloys (Copper & Nickel)

AMERICAN BRASS CO., Waterbury, Conn.
See adv index at end of book
For branch offices see adv index at end of book
American Magnesium Corp., Niagara Falls, N. Y.
Damascus Bronze Co. ("Damascus" Copper), Pittsburgh, Pa.
See adv index at end of book
Eagle Smelting & Refining Works, 233 B'way, New York
Electrical Alloy Co., Morristown, N. J.
LEAVITT C. W. & CO., 34 Church, New York. *See adv index at end of book*
Metal & Thermit Corp., 120 B'way, New York *See adv index at end of book*
Michigan Smelting & Refining Co., 1695 Jos. Campau st., Detroit, Mich.
See adv index at end of book

MICHIGAN SMELTING & REFINING CO.

Mutual Electric & Machine Co. (Bandan Bronze), 232 Fort W, Detroit, Mich.
Nassau Smelting & Refining Works, 607 W 29th, New York
North American Copper Co., 52 Vanderbilt av, New York
Riverside Metal Co., Riverside, N. J.
WILLIAMS & CO. (INC.) (Nickel & Monel Metal), 220-226 Penn av., Pittsburgh, Pa. *See adv index at end of book*

122— Alloys (Cupro Nickel)

Riverside Metal Co., Riverside, N. J.

Alloys for Steel Mfrs.

See Ferro Alloys of Various Kinds

123— Alloys (Gold & Silver)

Hagstoz T. B. & Son, 709 Sansom, Phila., Pa.
Hough W. S. Jr. Co., 61 Peck, Providence, R. I.
Ney J. M. Co., Hartford, Conn.

124— Alloys (Iridium)

American Platinum Works (Any Grade of Hardness), Oliver & N. J. R. R. av, Newark, N. J.

Alloys (Magnesium)

See Ferro-Magnesium

Alloys (Manganese)

See Ferro Manganese, Etc.

125—Alloys (Manganese Bronze)

American Alloys Co., American bldg, Baltimore, Md.
American Manganese Bronze Co. ("Spare's" "Hy-Ten-Sl," etc), 3501 Rhawn, Phila., Pa .
Brady Brass Co., 170 14th, Jersey City, N. J.
Cramp Wm. & Sons Ship & Engine Bldg. Co. ("Parsons") Beach & Ball, Phila., Pa.

ALLOYS (MANGANESE BRONZE)—cntd
Damascus Bronze Co. ("Damascus"), Pittsburgh, Pa.
See adv index at end of book
Electric Smelting & Aluminum Co., Lockport, N. Y.
Metal & Thermit Corp., 120 B'way, New York *See adv index at end of book*
Michigan Smelting & Refining Co., 1695 Jos. Campau, Detroit, Mich.
See adv index at end of book
North American Copper Co., 52 Vanderbilt av, New York
Phosphor Bronze Smelting Co. ("Elephant" Brand), 2200 Wash'n av, Phila., Pa.
Riverside Metal Co., Riverside, N. J.

125a—Alloys (Phosphor Bronze)

American Alloys Co., American bldg, Baltimore, Md.
Brady Brass Co., 170 10th, Jersey City, N. J.
Bunting Brass & Bronze Co., 738 Spencer, Toledo, O. *See adv index at end of book*
Damascus Bronze Co. ("Damascus"), N. S. Pittsburgh, Pa.
See adv index at end of book

MICHIGAN SMELTING & REFINING CO.
1695 Jos. Campau, Detroit, Mich.

Phosphor Bronze Smelting Co., ("Elephant" Brand), 2200 Wash'n av, Phila., Pa.
Riverside Metal Co., Riverside, N. J.

126— Alloys (Silicon)

See Ferro-Manganese & Ferro Silicon

Alloys (Vanadium)

See Ferro-Vanadium

127— Alloys (White Metal)

American Alloys Co., American bldg, Baltimore, Md.
Cramp Wm. & Sons Ship & Engine Bldg. Co. ("Parsons") Beach & Ball, Phila., Pa.
Eagle Picker Lead Co. (The), 208 S. La Salle, Chicago, Ill.
Eagle Smelting & Refining Works, 233 B'way, New York
Electric Smelting & Aluminum Co., Lockport, N. Y.
Empire Metal Co., Syracuse, N. Y.
Henning V. & Sons, 330 Belmont av, Brooklyn, N. Y.

MICHIGAN SMELTING & REFINING CO.
1695 Jos. Campau, Detroit, Mich.

Riverside Metal Co., Riverside, N. J.
Riverside Metal Refining Co., Connelsville, Pa.
Union Smelting & Refining Co., St. Charles, Newark, N. J.

127a— Aloin

Norwich Pharmacal Co., Norwich, N. Y.

Altars

See Marble Altars; also Furniture, Church & Lodge

Alum

See Alums

128— Alumina

Avery Chemical Co., 88 Broad, Boston, Mass.
Detroit Chemical Wks. (Sulphate), 238 Junction av., Detroit, Mich.
C. P. N. CHEMICAL CO., INC. (Sulphate), 78 Reade, New York & 731 W Huron, Chicago, Ill.
Drakenfeld, B. F. & Co. (Oxide Hyd. Dealers), 50 Murray, New York
General Chemical Co. (Sulphate & Chloride), 25 Broad, New York
of book
Harrison Works (Du Pont), (Sulphate), 35th & Grays Ferry rd, Phila., Pa.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Innis, Speiden & Co., Inc. (Jobbers), 46 Cliff, New York. *See adv index at end*
Jarecki Chemical Co. (Sulphate), Sandusky, O.
Klipstein, A & Co. (Acetate, Formiate, Lineolate, Palmitate, Stearate, Sulphate, Sulphocynide, etc., Imp.), 644 Greenwich, New York
Merrimac Chemical Co. (Chloride, Sulphate, Hydrate, Acetate, etc.), 148 State, Boston, Mass.
Penna. Salt Mfg. Co. (Sulphate, Hydrate, or Calcined for Aluminum, etc.), Widener bldg, Phila., Pa.
Roessler & Hasslacher Chemical Co. (Sulphate), 100 William, New York
Warner Chemical Co. (Hydrate), 52 Vanderbilt av, New York
Winckler Isaac & Bro. (Sulphate), 1st Nat'l Bk bldg, Cincinnati, Ohio

129— Aluminite

Aluminite Mfg. Co., 27 4th av, New York
Stowe-Fuller Co., Rockefeller bldg., Cleveland, O.

130— Alumino-Vanadium

American Vanadium Co., Vanadium bldg. Pittsburgh, Pa.

130a— *Aluminum

ALUMINUM
Aluminum ingots, sheets, wire rods, castings, aluminum wire and cables (bare) and insulated for electrical conductors.
ALUMINUM COMPANY OF AMERICA
PITTSBURGH, PA.

Iroquois Foundries, Inc., 474 Genesee, Utica, N. Y.

130b— Aluminum Acetate

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

131— Aluminum Flake

Aluminum Flake Co., Akron, O.
Scheel Wm. H. (Imported), 159 Maiden la, New York

132— Aluminum (Fluoride)

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Seligman Arthur, 165 B'way, New York
Wiarda John C. & Co., 273 Green, Brooklyn, N. Y.

132a—Aluminum (For Airplanes)

Acieral Co. of America, 26 Cortlandt, New York
Aluminum Castings Co., 6205 Carnegie av, S E Cleveland, O.
Aluminium Co. of America, Oliver bldg, Pittsburgh, Pa.
See adv index at end of book
Am. Metal Co., 61 B'way, New York
Levett Walker M. Co., 417-421 E 23d, New York
Leygrand & Co., 120 B'way, New York
Lo-Luminum Mfg. & Engng. Co., 1790 B'way, New York
Stimpson Edwin B. Co., Brooklyn, N. Y. (Aluminum for Airplanes)
United Smelting & Aluminum Co., 187 Commerce, New Haven, Conn.
See adv index at end of book

When writing to firms whose names appear in this book please mention
HENDRICKS' COMMERCIAL REGISTER.

132b—*Aluminum (Granulated)

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Metal Products Co., Inc., 100 So. Jefferson, Chicago, Ill.
See adv index at end of book

ALUMINUM
Ingots—Sheets—Rods—Granulated
UNITED SMELTING & ALUMINUM CORP.
NEW HAVEN, CONN.
Branches { 24 Stone Street, New York City
1334 Dime Bank Bldg., Detroit, Mich.

133—Aluminum Hollow Ware

Aluminum Co. of America, Oliver bldg, Pittsburgh, Pa. *See adv index at end of book*
Aluminum Cooking Utensil Co. ("Wear-Ever"), New Kensington, Pa.
Aluminum Goods Mfg. Co., Manitowoc, Wis.
Aluminum Mfg. Co., Des Moines, Ia.
Aluminum Products Co., La Grange, Ill.
Aluminum Ware Mfg. Co. Inc. ("Cook-Rite"), Elmira, N. Y.
Borgfeldt Geo. & Co. ("Coronet," Pilot Swiss), 16th & Irving pl, New York
Bowman Geo. H. Co. ("Swissalu"), 224 Euclid av, Cleveland, O.
Buckeye Aluminum Co. ("Real Solid"), Wooster, O.
Cleveland Metal Products Co. ("Aladdin"), 1609 Pletl av, Cleveland, O.
Doylestown Aluminum Ware Co., Doylestown, Ohio
Enterprise Aluminum Co., Massillon, O.
Fargo E. A. Co., Taunton, Mass.
Gem Stamped Steel Co. ("Gem" Coffee Pots), Chelsea, Mass.
Griswold Mfg. Co. ("Griswold"), Erie, Pa.
Illinois Pure Aluminum Co., Lemont, Ill.
Massillon Aluminum Co. ("Betty Bright"), Massillon, O.
Monarch Aluminum Ware Co., 4613 Payne av., Cleveland, O.
New England Enameling Co. ("Priscilla"), Middletown, Conn.
Standard Aluminum Co., Two Rivers, Wis.
Sterling Aluminum Co., Erie, Pa.
Stover Mfg. Co., Freeport, Ill.
United States Aluminum Co., Oliver bldg, Pittsburgh, Pa.
Van Natta Aluminum Wks., 920 W. 12th, Erie, Pa.
Wagner Mfg. Co., Sidney, O.
West Bend Aluminum Co., West Bend, Wis.
Wheeling Stamping Co., Wheeling, W. Va.

134—Aluminum Household & Toilet Specialties

Aluminum Goods Mfg. Co., Manitowoc, Wis.
Aluminum Specialty Co., Manitowoc, Wis.
Aluminum Ware Mfg. Co. Inc., Elmira, N. Y.
American Aluminum Mfg. Co., Lemont, Ill.
Cassidy Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Florence Mfg. Co., Florence, Mass.
Illinois Pure Aluminum Co., Lemont, Ill.
Republic Metalware Co., The, Buffalo, N. Y.
Union Aluminum Co. (Combs, etc.), Orrville, O.
Wheeling Stamping Co., Wheeling, W. Va.

135— Aluminum Leaf

Baer Bros., 438 W 37th, New York
Drakenfeld B. F. & Co. (Imp), 50 Murray, New York
Rauskolb Fred W. Co., 103 Arch, Boston, Mass.
Sayre Metal Co., Sayre, Pa.
Seligman Arthur (Imp.), 165 B'way, New York
Swift M. & Sons, Hartford, Conn.

136— Aluminum (Liquid)

Michigan Stove Co. ("Garland"), Detroit, Mich.
Seligman Arthur, 165 B'way, New York

136a— Aluminum Nitrate

Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

Aluminum Novelties

See Metal Novelties & Specialties

Aluminum Oxide

See Aluminum

136b— Aluminum Palmitate

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

136c—Aluminum (Powdered)

UNITED SMELTING & ALUMINUM CORP., 187 Commerce, New Haven, Conn. *See adv index at end of book*

137—Aluminum (Sheets & Rods)

See also Ingots, Aluminum
See also Tubing, Aluminum

Aluminum Company of America, Oliver bldg., Pittsburgh, Pa. *See adv index at end of book*
Bradford Co. (Imp.), 200 Fifth av, New York

ERDLE PERFORATING CO. (Sheet), 181 York, Rochester, N. Y.
See adv index at end of book
Frasse Peter A. & Co. (Inc.), 417 Canal, New York. *See adv index at end of book*
Guiterman, Rosenfeld & Co. (Imp.), 35 S. William, New York
Hough W. S. Jr. Co., 61 Peck, Providence, R. I.
Illinois Smelting & Refining Co., 410 N Peoria, Chicago, Ill.
Jobbins, W. F. (also Aluminum, Sulphate), Aurora, Ill.
Kelly M. B., Park bldg, Pittsburgh, Pa.
Kemp W. H. Co., 165 Spring, New York

LEAVITT C. W. & CO., 34 Church, New York. *See adv index at end of book*

McINNES, CHARLES E. & CO. (Sheets only), Mariner & Merchts. bldg, Phila., Pa.
Metal Products Co., 100 So. Jefferson, Chicago, Ill.
See adv index at end of book

ALUMINUM
Sheet, Rod, Tubing Granulated, Wire Ingots
METAL PRODUCTS CO.
100 South Jefferson Street, Chicago, Ill.

MICHIGAN SMELTING & REFINING CO.
1695 Jos. Campau, Detroit, Mich.
Phila. Metal Products Co. (Jobbers), Broad & Cherry, Phila., Pa.
Pope Trading Co., 90 West, New York
Seligman Arthur (Imp.), 165 B'way, New York
Tennant C. Sons & Co. of N. Y. (Imported), 100 William, New York.

UNITED SMELTING & ALUMINUM CORP., 187 Commerce, New Haven, Conn. *See adv index at end of book*

ALUMINUM
Ingots—Sheets—Rods—Granulated
UNITED SMELTING & ALUMINUM CORP.
NEW HAVEN, CONN.
Branches { 24 Stone Street, New York City
1334 Dime Bank Bldg., Detroit, Mich.

U. S. Reduction Co., East Chicago, Ind.
Winter Son & Co. (Imp.), 64 Wall, New York

137a— Aluminum Silicate

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

137b— Aluminum Sulphate

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

137c— Aluminum Sulphite

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

138—*Aluminum Vessels & Linings for Fireless Cookers

Aluminum Ware Mfg. Co. Inc., Elmira, N. Y.
GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis.
See adv index at end of book

139— Alums

Commercial Chemical Co., Clearing, Ill.
C. P. N. CHEMICAL CO., INC., 78 Reade, New York, & 231 W Huron, Chicago, Ill.
Detroit Chemical Works, Detroit, Mich.
Fuller Ralph L. & Co., Inc., 2 Rector, New York. *See adv index at end of book*
General Chemical Co., 25 Broad, New York
Harrison Works (Du Pont), Phila., Pa.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Kalbfleisch Corp., 31 Union sq, New York
See adv index at end of book
Klipstein A. & Co. (Imp.), 644 Greenwich, New York
Lennig Chas. & Co., 112 S Front, Phila., Pa.
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Merrimac Chemical Co., 148 State, Boston, Mass.
Penna. Salt Mfg. Co. (Lump, Ground, Powdered, Burnt & Filtering), Widener bldg, Phila., Pa.
Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.
Superior Chemical Co., Joliet, Ill.
Thomsen Chemical Co., Munsey bldg., Baltimore, Md.
Western Chemical Mfg. Co., Denver, Colo.
Wiarda John C. & Co. (Lump & Powdered), 273 Greene, Brooklyn, N. Y.
Winkler Isaac & Bro., 1st Nat'l Bk. bldg, Cincinnati, O.

Alundum Wheels

See Emery & Corundum Wheels

140-1—Amalgamating Pans & Barrels

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Hendy Joshua Iron Works, 75 Tremont, San Francisco, Cal.
Traylor Engng. & Mfg. Co., Allentown, Pa.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
Worthington Pump & Machinery Corp., 115 B'way, New York
See adv index at end of book

142-3— Ambulances

Barley Mfg. Co. (Chassis), Streator, Ill.
Birch James H., Burlington, N. J.
Crane & Breed Mfg. Co., 1227 W 8th, Cincinnati, O.
Fulton & Walker Co., 20th & Filbert, Phila., Pa.
Hendee Mfg. Co. (Motorcycle), Springfield, Mass.
Holzbog G. H. & Bro., Jeffersonville, Ind.
Leonhardt Wagon Mfg. Co., 417 E Saratoga, Baltimore, Md.
Michigan Hearse & Motor Co., 1500 Union av S. E., Grand Rapids, Mich.
Rech-Marbaker Co. (Combination Patrol & Ambulance), 8th & Girard, Phila., Pa.
Studebaker Corp., South Bend, Ind.

144— Ammeters (Shunt)

BRISTOL CO. ("Bristol's" Recording), Waterbury, Conn.
See adv index at end of book
Hickok Electrical Instrument Co., 10514 Dupont, Cleveland, O.
Pignolet Louis M., 78 Cortlandt, New York
Roller-Smith Co., 233 B'way, New York

145— Ammeters & Voltmeters

(Those who Manufacture Battery Gauges are so Indicated following their names)
American Ever Ready Works of National Carbon Co., Thompson av, Long Island City, N. Y.
Badt-Westburg Electric Co., 53 W Jackson blvd, Chicago, Ill.
Benton Electric Co., La Crosse, Wis.
Biddle Jas. G., 1211 Arch, Phila., Pa.
BRISTOL CO. ("Bristol's" Recording), Waterbury, Conn.
See adv index at end of book
Brown Instrument Co., Wayne & Windrim avs, Phila., Pa.
Clark Electric Meter Co., 215 S Clinton, Chicago, Ill.
Connecticut Telephone & Electric Co. (Battery Gauges), Meriden, Conn.
Dongan Electric Mfg. Co. (Direct and Alternating), Detroit, Mich.
Dow Mfg. Co. (Battery Gauges), Braintree, Mass.
Du Vivier Ernest H. (Imp.) (Dial & Recording), 30 Church, New York
National Carbon Co. (Battery Gauges), Cleveland, O.
Eldredge Electric Mfg. Co., Springfield, Mass.
Esterline Co. ("Esterline," Recording), 227 E South, Indianapolis, Ind.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hercules Instrument Co. ("Monarch" Ammeters), Mt. Vernon, N. Y.
Hoyt Electric Instrument Works (For Direct Current, also Battery Gauges), Penacook, N. H.
International Instrument Co., Cambridge, Mass.
Jewell Electrical Instrument Co. ("Jewell" Dead-Beat Portable & Switchboard Type), 810 W Lake, Chicago, Ill.
Kendrick-Davis Co. (The K.-D.), Lebanon, N. H.
Knott L. E. Apparatus Co., 79 Amherst, Cambridge, Mass.
Manhattan Electric Supply Co., ("Elite," Battery Gauges), 17 Park pl, New York
See adv index at end of book
Mohawk Electric Mfg. Co., 45 Lawrence, Newark, N. J.
Norton Electric Instrument Co., Manchester, Conn.
Pierson-Wilcox Elec. Co. (Battery Gauges), 223 S 6th, Minneapolis, Minn.
Pignolet Louis M. (Continuous & Alternating Current), 80 Cortlandt, New York
Railroad Supply Co., 203 S Dearborn, Chicago, Ill.
Readrite Meter Works ("Readrite," Pocket & Miniature Battery Testing), Bluffton, Ohio
Reliance Instrument Co. ("Reliance"), 1135 W Vanburen, Chicago, Ill.
Roberts Instrument Co., Detroit, Mich.

AMMETERS & VOLTMETERS—continued
Roller-Smith Co. (Portable & Switchboard) 233 B'way, New York
Sholder-Excel Mfg. Co., Clyde, O.
Splitdorf Electrical Co. (Ammeters), 98 Warren, Newark, N. J.
Sterling Mfg. Co. (Pocket Battery Testers), Blackstone bldg, W 3rd, Cleveland, O.
Troy Electrical Co., Troy, N. Y.
Wagner Electric Mfg. Co., 6400 Plymouth av, St. Louis, Mo.
WESTINGHOUSE ELECTRIC & MFG. CO. (Direct & Alternating Current), East Pittsburgh, Pa.
See adv index at end of book
Weston Electrical Instrument Co., Waverly Park, Newark, N. J.

145a— Ammonia (Alum)

C. P. N. CHEMICAL CO. (INC.), 78 Reade, New York, & 231 W Huron, Chicago, Ill.

146— Ammonia (Aqua & Anhydrous)

Armour Ammonia Works (Anhydrous), 3130 Benson, Chicago, Ill.
Armour Glue & Ammonia Wks. (Anhydrous), Postal Telegraph bldg., San Francisco. Cal.
Avery Chemical Co. (Aqua), 88 Broad, Boston, Mass.
Banner Mfg. Co., 373 Adelaide, Detroit, Mich.
Barrett Co. (Anhydrous & Aqua), 17 Battery pl, New York
Bower Hy. Chemical Mfg. Co. (Anhydrous & Aqua), 29th & Gray's Ferry rd, Phila., Pa.
Citizens Gas Co., 47 S Penn, Indianapolis, Ind.
Clapp B. P. Ammonia Co., Louisville, Ky.
Columbia Chemical Works ("C. C. Parsons"), Bush Terminal, Brooklyn, N. Y.
Commercial Chemical Co. (Aqua), Ludington bldg, Chicago, Ill.
Consumers Ammonia Mfg. Co. (Anhydrous & Aqua), Camden, N. J.
Contact Process Co. (Aqua Ammonia only), Buffalo, N. Y.
C. P. N. CHEMICAL CO., INC., (Anhydrous), 78 Reade, New York, & W Huron, Chicago, Ill.
Erkenbrach Geo. A. Co. (Aqua), 115 Maiden lane, New York
Grasselli Chemical Co. (Aqua), Guardian bldg., Cleveland, O.
General Chemical Co. (Aqua), 25 Broad, New York
Hamilton-Otto Coke Co., Hamilton, O.
Harrison Works (Du Pont), (Aqua), 35th & Gray's Ferry rd, Phila., Pa.
Harshaw, Fuller & Goodwin Co. (Carbonate, Muriate), Cleveland, New York & Philadelphia
Herf & Frerichs Chemical Co. (Anhydrous & Aqua), 4528 S B'way, St. Louis, Mo.
Hirsh Leon & Son (Anhydrous in Cylinders), 368 Greenwich, New York
Klipstein A. & Co. (Muriate), 644 Greenwich, New York
McKesson & Robbins (Salts of), 91 Fulton, New York
Mallinckrodt Chemical Works (Aqueous), 2d & Mallinckrodt, St. Louis, Mo.
Mechling Bros. Mfg. Co. (Aqua), Camden, N. J.
Merrimac Chemical Co. (Aqua & Anhydrous), 148 State, Boston, Mass.
Michigan Ammonia Works (Carbonate), ft of Meldum av., Detroit, Mich.
Miller Jos. B., Finance bldg, Phila., Pa.
National Ammonia Co. ("National" Anhydrous, "Peerless" Aqua for Ice Making & Refrigerating Machines), 3600 N B'way, St. Louis. Mo.
Naugatuck Chemical Co. (Aqua), Naugatuck, Conn.
New Haven Gas Light Co., New Haven, Conn.
Pacific Ammonia & Chemical Co., 340 Spear, San Francisco, Cal.
Penn Chemical Works ("Banner," Dry), 1332 Washington av, Phila., Pa.
Powers - Weightman - Rosengarten Co. (Aqua), 916 Parrish, Philadelphia, Pa.
Rhodes Jas. H. & Co. (Liquid Anhydrous), 157 W. Austin av., Chicago, Ill.
Robinson Bros. ("Buffalo"), Montrose av, Brooklyn, N. Y.
Roessler & Hasslacher Chemical Co. (Sal Grami & Carbonate, etc), 100 William, New York
Semet-Solvay Co. (And Ammonia Products), Syracuse, N. Y.
Spokane Falls Gas Light Co. (Concentrated Unpurified), Spokane, Wash.
Thomsen Chemical Co., Munsey bldg., Baltimore, Md.
Western Chemical Mfg. Co. (Aqua & Anhydrous), Denver, Colo.
Wiarda John C. & Co. (Carbonate or Fluoride Jobbers), 273 Greene, Brooklyn, N. Y.

147— Ammonia Hydroxide

Baker J. T. Chemical Co., Phillipsburg, N. J.

147a— Ammonia (Liquid)

C. P. N. CHEMICAL CO., INC., 78 Reade, New York, & 231 W Huron, Chicago, Ill.

148— Ammoniates

Alba Mfg. Co. (Fertilizer), Aurora, Ill.
American Agricultural Chemical Co., 2 Rector, New York
Armour Fertilizer Works, U S Yards, Chicago, Ill.
Buffalo Fertilizer Works, Marine Bank bldg., Buffalo, N. Y.
Heller Jos. S. (Imp), 62 William, New York
Lang J. M. & Co. (Brokers), Savannah, Ga.
Ober G. & Sons Co., U. S. Fidelity & Guarantee bldg, Baltimore, Md.
Pacific Coast Beef & Provision Co. (Animal), Los Angeles, Cal.
Royster F. S. Guano Co., Norfolk, Va.
Swift & Co. (Animal), Union Stock Yards, Chicago, Ill.
Virginia-Carolina Chemical Co., Richmond, Va.
Walter Edw. J. Co. (Brokers), American bldg, Baltimore, Md.
Wilson & Co. (Animal), Union Stock Yards, Chicago, Ill.

149—Ammonium (Bi-Carbonate)

Barrett Co., 17 Battery pl., New York.
Semet-Solvay Co., Syracuse, N. Y.

150— Ammonium (Bifluoride)

General Chemical Co., 25 Broad, New York.

151— Ammonium Bromide

Dow Chemical Co., Midland, Mich.
Halogen Chemical Co., Bay City, Mich.

152— Ammonium (Carbonate)

Am. Agricultural Chemical Co., 2 Rector, New York
C. P. N. CHEMICAL CO., INC., 78 Reade, New York, & 231 W Huron, Chicago, Ill.
Cooper Chas. & Co., 194 Worth, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Klipstein A. & Co. (Imp), 644 Greenwich, New York
National Aniline & Chemical Co., 21 Burling Slip, New York

152a— Ammonium Chloride

See also Sal Ammoniac

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

152b— Ammonium Fluoride

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

152c— Ammonium (Muriate)

C. P. N. CHEMICAL CO., INC. (Granular & Lump), 78 Reade, New York, & 231 W Huron, Chicago, Ill.

153— Ammonium Nitrate

Alexander G. S. & Co., Inc. (Brokers in Nitrate), 61 B'way, New York
See adv index at end of book
Erkenbrach Geo. A. Co., 115 Maiden la. New York
Fuller Ralph L. & Co., Inc., 2 Rector, New York. *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Innis, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*
Marden, Orth & Hastings Co., 61 B'way, New York
Tennant C. Sons & Co. of N. Y. (Imp), 100 William, New York

153a— Ammonium Phosphate

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Katzenbach & Bullock Co. (Imported), Trenton, N. J.
Victor Chemical Wks., Fisher bldg, Chicago, Ill.

Ammonium Sulphate

See Sulphate of Ammonia

154—Ammonium Persulphate

Holtz Herman A., 2 Madison av, New York

AMMONIUM PERSULPHATE
For Scientific and Technical Uses
HERMAN A. HOLZ
2 Madison Ave., New York

154a— Ammonium Phosphate

Ashcraft Wilkinson Co., Atlanta, Ga.
Katzenbach & Bullock Co., 100 William, New York

155— Ammunition

Artillery Fuse Co., Church & F., Wilmington, Del.
Austin Cartridge Co., Cleveland, O.
Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
Chamberlin Cartridge & Target Co., N W, Cleveland, O.
Hoxie Ammunition Co., Chicago, Ill.
Peters Cartridge Co., 1st Nat Bk bldg, Cincinnati, O.
Quackenbush H. M. (Air Rifle), Herkimer, N. Y.
Remington Arms Union Metallic Cartridge Co. Inc. ("U. M. C."), 233 B'way. New York
Robin Hood Ammunition Co. (Metallic), Swanton, Vt.
Savage Arms Corp. ("22 Hi-Power"), Utica, N. Y.
Scovill Mfg. Co. (Shot & Shell Cups, To Order Only), Waterbury, Conn.
See adv index at end of book
Southern Cartridge Co., Savannah, Ga.
Tucker Supply Co. (Small & Ordnance Supplies), York, Pa.
U. S. Cartridge Co. ("Climax"), Lowell, Mass.
Western Cartridge Co., East Alton, Ill.
Winchester Repeating Arms Co., New Haven, Conn.

156—Amyl Acetate (Acetate of Amyl)

Albany Chemical Co. (Technical & C. P.), Albany, N. Y.
Anderson Chemical Co., Wallington, N. J.
Bush W. J. & Co., 100 William, New York
Celluloid Zapon Co., 200 5th av, New York
Cooper Chas. & Co., 194 Worth, New York
Franco American Chem. Works, Carlstadt, N. J.
Fuller Ralph L. & Co., Inc., 2 Rector New York. *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Katzenbach & Bullock Co., 100 William, New York
Klipstein A. & Co. (Imp), 644 Greenwich, New York
McKesson & Robbins (Imp), 91 Fulton, New York

Haas & Waldstein Co., 92 William, New York
National Aniline & Chemical Co. (Jobbers), 21 Burling Slip, New York

156a—*Amyl Acetate (Commercial & Iso)

DU PONT CHEMICAL WORKS, 12(B'way, New York

157— Analytical Apparatus

See also Instruments, Scientific

Ainsworth Wm. & Sons, Denver, Col.
Berge J. & H. (Imp.), 95 John, New York
Elmer & Amend, 205 3d av, New York
Heil Henry Chemical Co., St. Louis, Mo.
Hoskins Mfg. So., 453 Lawton, Detroit, Mich.
Salt Lake Hardware Co., Salt Lake City, Utah
Scientific Materials Co., 717 Forbes, Pittsburgh, Pa.
Thomas Arthur H. Co., W Washington sq, Phila., Pa.

158— Anchors (Boat)

Admiral Anchor Co. (Steel Stockless), Chester, Pa.
American Engineering Co. ("Providence," Stockless & Mushroom), Aramingo & Cumberland, Phila., Pa.
Baldt Anchor Co., Chester, Pa.
Bleecker Aug. & Son, 5 Jones la, New York
Camden Anchor-Rockland Machine Co. (Wrought Iron, 20 to 8,000 lbs), Camden, Me.
Cape Ann Anchor Works, Gloucester, Mass.
Chester Steel Castings Co. (Ship), 407 Sansom, Phila., Pa.
Pendleton ("Rex"), 305 S Water, Providence, R. I.
Columba Steel Co. ("Admiral," Steel), 503 Market, San Francisco, Cal.
Durkee Chas. D. & Co. ("Crescent"), 2 South, New York
Fairhaven Iron Foundry Co. (Bulb-Shank Mooring), Fairhaven, Mass.
Laughlin Thos. Co. ("Dirigo" Folding, Kedge, Fishing, Grapnel, Mushroom, Swivel, Stockless, etc), Portland, Me.
Malleable Iron Fittings Co. ("M.I.F.Co." Folding), Branford, Conn.
Marine Hardware-Equipment Co., So Portland, Me.
National Steel Fdry. Co. (Ship), New Haven, Conn.
Neptune Hardware Mfg. Co., 54 South, New York
New Jersey Foundry & Machine Co. ("Delta"), (Ship), 89 West, New York
Penn Seaboard Steel Corp., 1418 Chestnut, Phila., Pa.
Thacher Geo. H. & Co., Albany, N. Y.
Wilcox, Crittenden & Co. ("Navy" Stockless with Bal & Socket, Mushroom, Folding Kedge, Grapplings, etc. "Cape Cod," Folding), Middletown, Conn.

159— Anchors (Concrete)

Alexander D. A. Co., 272 State, Rochester, N. Y.
Richmond Screw Anchor Co., Pulitizer bldg, New York
Star Expansion Bolt Co. ("Sebco"), 147 Cedar, New York
United States Expansion Bolt Co., 25 Elm, New York

160— Anchors (Fence)

Hance Mfg. Co. ("Never Creep"), Centralia, Mo.
Page Steel & Wire Co. ("Page") Adrian, Mich. *See adv index at end of book*

160a— Anchors (Fishing)

Laughlin Thos Co. ("Dirigo"), Portland, Maine
Thatcher Geo. H. & Co. ("Albany"), Albany, N. Y.

160b— Anchors (Grapnel)

Laughlin Thos. Co. ("Dirigo"), Portland, Maine
Thacher Geo. H. & Co. ("Albany"), Albany, N. Y.
Wilcox, Crittenden & Co., Middletown Conn.

161— Anchors (Guy)

Barbed Anchor Mfg. Co., Louisville, Ky.
Barnes & Kobert Mfg. Co. ("B. & K."), Milldale, Conn.
Bennett I. A. Co ("Bull Tongue"), 112 W Adams, Chicago, Ill.
Bluffton Anchor Co., Bluffton, O.
Chance Mfg. Co., Centralia, Mo.
Cook Frank B. Co., 326 W Madison, Chicago, Ill.
Crouse-Hinds Co. ("Harpoon"), Syracuse, N. Y.
Everstick Anchor Co., 1624 N 8th, St. Louis, Mo.
Falls Elec. Co., Lima, O.
Faultless Anchor Co., Fostoria, O.
Gund Mfg. Co., La Crosse, Wis.
Hallet Iron Works ("Hiawatha," "Hallett" Guy anchor plate), Harvey, Ill.
Harrison Electric Co., Van Brunt, Brooklyn, N. Y.
Jackman W. J. ("The Jack Anchor"), Lima, O.
Johns H. W.-Manville Co., Madison av & 41st, New York.
Klein Mathias & Sons, 562 W. Van Buren, Chicago, Ill.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Lina Material Co., So. Milwaukee, Wis.
Matthews W. N. & Bro. ("Matthews"), 3722 Forest Park blvd, St. Louis, Mo.
Michigan Bolt & Nut Works, Detroit, Mich.
Miller Anchor Co. ("Miller" Safety), Norwalk, Ohio
N. E. Bolt & Supply Co., Everett, Mass.
Oliver Iron & Steel Co., Pittsburgh, Pa.
Ransome Co. ("Oshkosh"), 115 B'way, New York
Pittsburgh Knife & Forge Co., Pittsburgh, Pa.
St. Louis Malleable Casting Co. ("O-K"), 7701 N Conduit av, St. Louis, Mo.
Simpson Anchor Co., Niagara Falls, N. Y.
Specialty Device Co. ("Bierce"), 112 W 3rd, Cincinnati, O.
Universal Cable Grip Co. ("Universal" Anchor Head), Syracuse, N. Y.
Wapak Hollow Ware Co., Wapakoneta, O.

Anchors (Joist)

See Joist Anchor & Timber Caps

161a— Anchors (Kedge)

Laughlin Thos Co. ("Dirigo" Folding), Portland, Me.
Thacher Geo. H. & Co. ("Albany"), Albany, N. Y.
Wilcox, Crittenden & Co. ("Navy" Folding), Middletown Conn.

161b— Anchors (Mooring)

Fairhaven Iron Fdy. Co. (Bulb Shank), Fairhaven, Mass.
Thacher Geo. H. & Co. ("Albany"), Albany, N. Y.

161c— Anchors (Mushroom)

Am. Engineering Co. ("Providence") Aramingo & Cumberland, Phila., Pa.
Laughlin Thos. Co. ("Dirigo"), Portland, Maine
Wilcox, Crittenden & Co., Middletown, Conn.

162— Anchors (Rail)

See also Creepers, Anti-Rail

American Guard Rail Fastener Co. ("Vaughan" Automatic), Real Estate Trust bldg, Phila., Pa.
Cambria Steel Co., Cordenent bldg, Philadelphia, Pa.
Cleveland Frog & Crossing Co., Cleveland, O.
Harrow Spring Co., Colby-Abbott bldg, Milwaukee, Wis.
M. W. Supply Co. ("Vaughan" Automatic), Real Estate Trust bldg, Phila., Pa.
National Malleable Castings Co., 7706 Platt av., S E, Cleveland, O.
P. & M. CO. (THE) ("P. & M," "Vaughan," "Henggi"), 80 E Jackson blvd, Chicago, Ill.
St. Louis Malleable Casting Co., 7701 N Conduit av, St. Louis, Mo.
Scott John M. & Sons ("Racine"), Racine, Wis.
Universal Railway Supply Co., 122 S Michigan av, Chicago, Ill.
Wharton Wm., Jr., & Co., Inc., Easton, Pa.

163— Anchors (Screw)

Richmond Screw Anchor Co., 61 Park Row, New York

164—*Anchors (Screw, Expansion)

DIAMOND EXPANSION BOLT CO. ("Diamond"), 89 West, New York
See adv index at end of book
STAR EXPANSION BOLT CO. ("Star" & "Sebco"), 147 Cedar, New York

164a— Anchors (Stockless)

Admiral Anchor Co., Chester, Pa.
Am. Engineering Co. ("Providence"), Aramingo & Cumberland, Phila., Pa.
Laughlin Thos. Co. ("Dirigo"), Portland, Maine
Thacher Geo. H. & Co. ("Albany"), Albany, N. Y.
Wilcox, Crittenden & Co. ("Navy"), Middletown, Conn.

165— Anchors (Stone)

Brunner & Lay, 570 W Polk, Chicago, Ill.
Duplex Hanger Co., E 53d & Lakeside av, Cleveland, O.
Ideal Hanger Co., Cleveland, O.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Republic Structural Iron Wks. Co., 1350 E. 53rd, Cleveland, O.

166— Anchors (Wall)

Auer John, Jr. (Also Beam Wrought), 197 Middleton, Brooklyn, N. Y.
Brunner & Lay (Column-Beam & Pin), 570 W Polk, Chicago, Ill.
Chesapeake Iron Works, Westport, Baltimore, Md.
Hager C. & Sons, Hinge Mfg. Co. (Riveted & Nutted Angle Shank & Wrought T), 2447 De Kalb, St. Louis, Mo.
Hastings Foundry & Iron Works, Hastings, Neb.
Racky Albert C., 531 S 5th av, Chicago, Ill.
Republic Structural Iron Wks. Co., 1350 E 53d, Cleveland, O.
SMITH F. P, WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Stevens Iron Works & Fireproofing Co., Cleveland, O.

167—Andirons, Fenders & Grates

See also Fire Place Furnishings

Adams Co., Dubuque, Ia.
Bassill Louis Co. (Brass), 100 Utica, Boston, Mass.
Bigelow, Cheney Wire Works, Springfield, Mass.
Birmingham Stove & Range Co., Birmingham, Ala.
Boston Brass Andiron Co. (Brass), 104 Utica, Boston, Mass.
Bradley & Hubbard Mfg. Co. (Brass & Iron), Meriden, Conn.
Budd Grate & Fdy. Co., 2013 E Latterly, Phila., Pa.
Burr Co. (Cast Iron), Champaign, Ill.
Chattanooga Implement & Mfg. Co., Chattanooga, Tenn.
Colonial Fireplace Co. ("Colonial"), 4631 W 12th, Chicago, Ill.
Donley Brothers Co. (Exterior Wall), 3625 E 74th, Cleveland, O.
See adv index at end of book
Elm City Brass & Rivet Co., Plainville, Conn.
Glascock Stove & Mfg. Co. (Portable Grates, etc), Greensboro, N. C.
Graf Frank H. Mfg. Co. (Brass, Bronze & Iron), 322 7th av, New York
Harriman Mfg. Co., Harriman, Tenn.
Hofft, M. A. Co. (Stoker), Indianapolis, Ind.
JACKSON EDWIN A. & BRO., Inc. (Brass & Iron), 50 Beekman, New York
See adv index at end of book
Jackson Wm. H. Company (Brass & Iron), 2 W 47th, New York.
Janusch Mfg. Co. (Brass, Bronze & Iron), 496 E 134th, New York

ANDIRONS, FENDERS & GRATES—cntd
McKenny & Waterbury Co. (Brass & Iron), 181 Franklin, Boston, Mass.
Marshall Foundry Co., Pittsburgh, Pa.
Mountain City Stove & Mfg. Co., Chattanooga, Tenn.
New Albany Mfg. Co., Gates, New Albany, Ind.
Pacific Hardware Mfg. Co., Los Angeles, Cal.
Peerless Mfg. Co. Louisville, Ky.
Price-Evans Foundry Co., Chattanooga, Tenn.
Rostand Mfg. Co. ("Rostand" Brass & Iron), Milford, Conn.
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Stover Mfg. Co. (Brass, Iron), Freeport, Ill.
Twin Fire Furnace Co., 38 S Dearborn, Chicago, Ill.
White's S. R. Sons, Pine State (Andirons), Norfolk, Va.

168— Anemometers

Davis Instrument Mfg. Co., 112 W Fayette, Baltimore, Md.
Draper Mfg. Co., 152 Front, New York
Du Vivier Ernest H. (Imp) (Dial & Recording), 30 Church, New York
Elliott B. K. Co. ("Biram's," etc), 126 6th, Pittsburgh, Pa.
Everhart Brass Wks., 422 Penn av, Scranton, Pa.
Green Henry J., 1191 Bedford av, Brooklyn, N. Y.
Gurley W. & L. E., Troy, N. Y.
Keuffel & Esser Co., Hoboken, N. J.
McCoy Joseph F. Co. ("Davis-Biram," Imported), 157 Chambers, New York
Precision Thermometer & Instrument Co., 1434 Brandywine, Phila., Pa.
Queen-Gray Co., 618 Chestnut, Phila., Pa.
Taylor Instrument Companies ("Tycos"), Rochester, N. Y.
See adv index at end of book
Wissler A., B'way & Washington av, St. Louis, Mo

169— Aneroids

Gurley W. & L. E. (Surveying & Mining, etc), Troy, N. Y.
Taylor Instrument Companies ("Tycos"), Rochester, N. Y.
See adv index at end of book

170— Anglegraphs

Cassaday, Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.

171— Anglemeters

Sargent Steam Meter Co. ("Sargent" Indicating), 1902 N California, Chicago, Ill.

172—*Angles & Bands (Trunk)

DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works: Marshallton, Del.
See adv index at end of book

173—Aniline Colors, Dyes & Dyestuffs

American Aniline Products, Inc., 80 5th av, New York
American Chemical & Dyestuff Co., 97 Oliver, Boston, Mass.
American Color Co., Indianapolis, Ind.
American Dyewood Co., 80 Maiden la, New York
Andreykovicz & Dunk (Imported), 58 N Front, Phila., Pa.
Arnold, Hoffman & Co., 55 Canal, Providence, R. I.
Ashley T. C. & Co., Atlantic av, Boston, Mass.
Atteaux F. E. & Co., 174 Purchase, Boston, Mass.
Atwood Frank W. (Imported), Boston, Mass.
Avery Chemical Co. (Dyes & Dyestuffs), 88 Broad, Boston, Mass.
Baltic Chemical Co., 183 Duane, New York
Baumann Dyestuff & Chemical Co., 250 Plymouth, Brooklyn, N. Y.
Bayer Co., 117 Hudson, New York
Bay State Chemical Co., 38 India, Boston, Mass.
Beach & Co., Hartford, Conn.
Bird J. A. & W. & Co., 88 Pearl, Boston, Mass.
Bischoff C. & Co. (Imported), 451 Washington, New York
Bosson & Lane, Atlantic, Mass.
Bredt F. & Co. (Imp for Paper Mills), 240 Water, New York
Breslauer A. (Dyestuffs & Industrial Chemicals), American Natl. Bk. bldg., San Francisco, Cal.
Brown F. G., 112 N Delaware av, Phila., Pa.
Bull's Ferry Chemical Co., Edgewater, N. J.
Butterworth-Judson Corp., 61 B'way, New York
Calco Chemical Co., Bound Brook, N. J.
Calvert Aniline & Chemical Co., 28 W 3d, Cincinnati, O.
Campbell John & Co., 75 Hudson, New York
Cassella Color Co., 182 Front, New York
Central Dyestuff & Chemical Co., Plum Point la, Newark, N. J.
Chemical Co. of America, 28 Platt, New York
Chemical Importing & Mfg. Co. (Jobbers for Bleachers, Dyers, etc), 90 West, New York
Ducas B. P. Co. (Imported), 25 S William, New York
C. P. N. CHEMICAL CO., INC., (Jobbers), 78 Reade, New York, & 231 W. Huron, Chicago, Ill.
Dicks, David & Broadfoot, Inc., 304 B'way, New York
Dick, David Co., Inc., 299 B'way, New York
Dunker & Perkins (Distributors), 287 Atlantic av, Boston, Mass.
Dye Products Co. of U. S., Krams & Wilde, Phila, Pa.
Dye Prods. & Chemical Co., Inc., 200 Fifth av, New York
Earle & Co. (Imported), 20 W 3rd, New York
Eastwood Chemical Co. (Black Iron & Red Iron Liquor), Belleville, N. J.
Edgertyn Aniline Corpn. (Agts. & Who.) 118 William, New York
Federal Dyestuff & Chemical Corp., 2 Rector, New York
Fezandie Felix, 205 Fulton, New York
Fortner Louis B. Co., 36 Strawberry, Phila., Pa.
Fuerst Bros. & Co. (Imported), 2 Stone, New York
Geigy Co., 89 Barclay, New York
Geisenheimer & Co. (Imp), 134 Cedar, New York
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Harvooer Co., 72 Cliff, New York
Heller & Merz Co., 503 Hudson, New York
Hellenic Chemical & Color Co., Inc., 429 W. 13th, New York
Hine Bros. (Hydro Sulphur Dyes), 80 Maiden Lane, New York
Herman & Herman, Inc., 6 Church, New York
Holland Aniline Co., Holland, Mich.
Holliday Read & Sons, Ltd., 160 Franklin, New York
Hollingsworth & Peterson, Lafayette bldg, Phila., Pa.
Innis, Speiden & Co., Inc. (Imp), 46 Cliff, New York *See adv index at end of book*
Jamaica Dyewood & Chemical Co., 50 Church, New York
Jaeck Louis Co., 257 Front, New York
Kalle Color & Chemical Co., 530 Canal, New York
King E. & F. & Co. (Imported), 367 Atlantic av, Boston, Mass.
Klipstein A. & Co., 644 Greenwich, New York
Kuttroff, Pickhardt & Co., Inc. (Jobbers), 128 Duane, New York
Lengfelt F. H. & Co. (Imp), 100 Maiden la, New York
Levinstein I. & Co., 74 India, Boston, Mass.
Lewis Jno. D. (Imported), 8 Exchange pl, Providence, R. I.
Leyland Thos. & Co., Readville, Boston, Mass.
Linberg J. F. Co., 101 Beekman, New York
Marden, Orth & Hastings Co., 61 B'way, New York
Middlesex Aniline Co. (Aniline Oils & Chemicals), 149 B'way, New York
Miller Frank Co., 349 W 26th, New York
Miller Jos. B. (Imp), Finance bldg., Phila., Pa.
National Aniline & Chemical Co., 21 Burling Slip, New York
Pickering Geo. & Co., Elmira, N. Y.
Reisig Chas. H., 269 Water, New York
Rice, Edward E. & Co. ("Edmund Ruch & Co." Imported), 620 Atlantic av, Boston, Mass.
Seydel Mfg. Co., 88 Forrest, Jersey City, N. J.
Sherwin-Williams Co., Cleveland, O.
Stamford Mfg. Co., 82 Wall, New York
Sykes W. F. & Co. (Imported), 176 William, New York
Thayer E. M. & Co. (Imp, Also Alizarine Colors), 411 Atlantic av, Boston, Mass.
United Indigo & Chemical Co., Ltd., 176 Federal, Boston, Mass.
Vila H. S. Color Co., 243 S 2nd, Phila., Pa.
White John J., Inc., New Brunswick, N. J.
Western Aniline Products Co. (Intermediates), Old Colony bldg, Chicago, Ill.
Williamsburg Chemical Co., 230 Morgan av, Brooklyn, N. Y.
Wolf Jacques & Co. (Black Dye), Passaic, N. J.
Worden Chemical Works, 4 Cedar, New York
Zinsser Wm. & Co. (Imported), 195 William, New York
Zobel Color Works, 101 9th, B'klyn, N. Y.

174— Annatto

Ransom L. E. Co. (Imp), 279 Pearl, New York
Kerr J. E. & Co. (Imp.), 25 Beaver, New York

175— Annealers (Wire)

See also Furnaces, Annealing & Case Hardening
ROCKWELL W. S. CO., 50 Church, New York *See adv index at end of book*
Strong, Carlisle & Hammond Co., 336-344 Frankfort av, N W., Cleveland, O.

Annealing

See Case Hardening; also Tempering to Order

Announcers (Stage)

See Carriage Calls, Electric

176— Annunciators

See also Signals, Hospital
Ansonia Electrical Co., Ansonia, Conn.
Auth Electrical Specialty Co., Ansonia, Conn.
Automatic Appliance Co., 172 Columbus av, Boston, Mass.
Bunnell J. H. & Co., 32 Park pl, New York
Connecticut Telephone & Electric Co., Meridian, Conn.
Couch S. H. Co. (Couch "Colecto"), Norfolk Downs, Mass.
Edwards & Co., Exterior & 140th, New York
Electric Goods Mfg. Co. ("Ross," "Dandy," "Perfect," "Rival," "Noxall," etc), Canton, Mass.
Elevator Supplies Co., Hoboken, N. J.
Engineering Products Co. ("Ideal"), 40 Goldsmith av, Detroit, Mich.
Garl Electric Co. (Elevator, etc), Akron, Ohio
Holtzer-Cabot Electric Co. (Hospital, etc), Brookline, Mass.
International Arms & Fuse Co., Bloomfield, N. J.
Keil Francis & Son, 401 E 163d, New York
Knickerbocker Elec. Co., 116 West, New York
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
Menominee Elec. Mfg. Co., Menominee, Mich.
Moon Mfg. Co. ("Knapp," "Eclipse," "Acme"), 122 N Jefferson, Chicago, Ill.
Ostrander W. R. & Co., 371 B'way, New York
Patrick & Wilkins Co. ("King") 51 N 7th, Phila., Pa.
Railroad Supply Co., 203 S Dearborn, Chicago, Ill.
Samson Elec. Co., 146 Summer, Canton, Mass.
Stanley & Patterson ("Premier," "De Veau" Electrical Reset & Gravity), 23 Murray, New York
Star Electric Co., Newark, N. J.

United Electric Apparatus Co. (for Railway Signal Systems), 1529 Columbus av, Boston, Mass.
W. S. E. Co. (Electric Lamp), 301 W 37th, New York

177—Annunciators (Automobile)

Cowles C. & Co. ("Madison Square" & "Mechanics Hall"), New Haven, Conn.
Holt & Beebe Co., 51 Chardon, Boston, Mass.
O'Brien Jos. F. Mfg. Co., 391 B'way, N. Y.
Robertson-Cataract Electric Co., 151 W Mohawk, Buffalo, N. Y.

178-9—Annunciators (Elevator)

See also Annunciators

Elevator Supplies Co., Hoboken, N. J.
Stanley & Patterson, Inc., 23 Murray, New York

180—Anodes (Brass & Copper)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
General Platers Supply Co., 489 - 493 Broome, New York
Hanson & Van Winkle Co., 269 Oliver, Newark, N. J.

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York
New Haven Copper Co. (Copper, Rolled Only), Seymour, Conn.
Matthews H. A. Mfg. Co., Seymour, Conn.
Metal Products Co., Inc., 100 S Jefferson, Chicago, Ill. *See adv index at end of book*

ANODES
BRASS, COPPER, ZINC, NICKEL, BRONZE
METAL PRODUCTS CO.
100 South Jefferson Street, Chicago, Ill.

Michigan Copper & Brass Co., Detroit, Mich.
New Haven Copper Co.. Seymour, Conn.
Phila Metal Products (Jobbers) Broad & Cherry, Phila., Pa.
Rome Brass & Copper Co. (Copper Anodes or Battery Plates for Electrotyping), Rome, N. Y.
Scovil Mfg. Co. (Brass Only) Waterbury, Conn. *See adv index at end of book*
Seymour Mfg. Co., Seymour, Conn.
Taunton-New Bedford Copper Co. (Copper), Taunton, Mass.
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

80a— Anodes (Bronze)

Metal Products Co., Inc., 100 S. Jefferson, Chicago, Ill. *See adv index at end of book*

81—Anodes (Gold & Silver)

Benson H. K. & F. S. (Platers' Granulated & Anode Silver), Glen Ridge, N. J.
Handy & Harman (Fine Silver), 59 Cedar, New York
Hanson & Van Winkle Co., 269 Oliver, Newark, N. J.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Hough W. S. Jr. Co., 61 Peck, Providence, R. I.
Jackson John & Co., 158 Astor, Newark, N. J.
United Wire & Supply Co., Elmwood Station, Providence, R. I.

182— Anodes (Nickel)

Apothecaries Hall Co., Waterbury, Conn.
Burns E. Reed ("Diamond"), 27 Jackson, Brooklyn, N. Y.
Ely C. Upham, 60 Vesey, New York
General Platers Supply Co., 489 - 493 Broome, New York
Hanson & Van Winkle Co., 269 Oliver, Newark, N. J.

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Munning-Loeb Co., Matawan, N. J.
Roessler & Hasslacher Chemical Co., 100 William, New York
Seymour Mfg. Co. (Rolled & Cast), Seymour, Conn.
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.
WILLIAMS & CO. (INC.), 220-226 Penn av, Pittsburgh, Pa.
See adv index at end of book

183— Anodes (Zinc)

Grasselli Chemical Co., Guardian bldg, Cleveland, O.

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Metal Products Co., Inc., 100 S Jefferson, Chicago, Ill.
See adv index at end of book
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

184—Anti-Fluctuators (Gas Engine)

American Meter Co., 3112 N 17th, Phila., Pa.

Anti-Friction Metals

See Bearings of Various Kinds; also Babbitt Metal

185— Anti-Hums

Bunnell J. H. & Co., 32 Park pl, New York
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book

186— Antimony

American Smelting & Refining Co., 120 B'way, New York
Blatchford E. W. Co., 230 N Clinton, Chicago, Ill.
Chrystal Charles B. 13 Cliff, New York
See adv index at end of book
Coates, Bennett & Reidenbach, Rochester, N. Y.
Coulston J. W. & Co. (Imp), 80 Maiden la, New York
Doggett Stanley (Imp, Golden & Crimson Sulpharet of), 11 Cliff, New York
Eagle Smelting & Refining Works (Imp.), 233 B'way, New York
Foote Mineral Co. (Imp. & Mfrs.), 107 N 19th, Phila., Pa.
Frost & Cundill, Inc. (Imp), 60 Wall, New York
Fuerst Bros. & Co. (Imported), 2 Stone, New York
Furukawa & Co., Ltd. (Imp.), 120 B'way, New York
Fulper Edw. B., Trenton, N. J.
Harshaw, Fuller & Goodwin Co. (Metal, Needle & Oxide), Cleveland, O., New York and Philadelphia
Hayman Mich'l & Co., Buffalo, N. Y.
Hendricks Bros. (Imp), 49 Cliff, New York
Hill's, Edw. Sons & Co. (Imp), 64 Wall, New York
Hoyt Metal Co., Boatmen's Bank bldg, St. Louis, Mo.
Jacobson I. M. & Sons Co., 70 Catherine, Detroit, Mich.
Katzenbach & Bullock Co. 100 William, New York
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Lavino E. J. & Co. (Imp), Bullitt bldg, Phila., Pa.
LEAVITT C. W. & CO. ("H. H." Brand, French, Metal, Crude & Oxide), 34 Church, New York
See adv index at end of book
Lissberger Marks & Son (Imp), 281 Borden av, Long Island City, N. Y.
Magnolia Metal Co. ("Magmetco" Regulus & Sulphuret), 113 Bank, New York
See adv index at end of book
Merchant & Evans Co., 2035 Washington av., Phila., Pa.
See adv index at end of book
Nassau Smelting & Refining Works, 607 W 29th, New York
Naugatuck Chemical Co., Naugatuck, Conn.
Norden A. & Co. (Imp), Cotton Exch. bldg, New York
Philipp Brothers (Imp), 29 B'way, New York
Pope Trading (Dealers & Importers), 90 West, New York
Raymond Lead Co., 735 S Washtenaw av, Chicago, Ill.
Selby Smelting & Lead Co., 201 1st, San Francisco, Cal.
Seligman Arthur, 165 B'way, New York
TAISHO TRADING CO. (Imp), 115 B'way, New York
Tennant C. Sons & Co. of N. Y. (Imp), 100 William, New York
Trotter Nathan & Co. (Imp), 36 N Front, Phila., Pa.
UNITED SMELTING & ALUMINUM CORP. (Jobbers), 187 Commerce, New Haven, Conn.
See adv index at end of book
U. S. Reduction Co., East Chicago, Ind.
Vogelstein L. & Co., 43 B'way, New York
Wah Chang Mining & Smelting Co. (Imp), ("W. C. C." Brand), 233 B'way, New York
Wiarda Jno. C. & Co. (Diaphoretic, Metal, Needle, Oxide), 273 Greene, Brooklyn, N. Y.

186a— Antimony Chloride

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Wright, Faber & Co., Inc., 100 Hudson, New York

187—Antimony (Needle & Crude)

Earle E. P. (Crude), 165 B'way, New York
Foote Mineral Co. (Imp. & Mfrs.), 107 N 19th, Phia., Pa.
Frost & Cundill, Inc. (Imp), 60 Wall, New York

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Hill's Edward Sons & Co. (Imp), 64 Wall, New York
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Mitsui & Co (Imp), 65 Broadway, New York
Nassau Smelting & Refining Wks., Ltd., 603 W 29th, New York
National Aniline & Chemical Co., (Imp), 21 Burling Slip, New York
Norden A. & Co. (Imp), Cotton Exch. bldg, New York
Philipp Brothers (Imp), 29 B'way, New York
Raritan Chemical Works, 8 W 40th, New York
Roessler & Hasslacher Chemical Co., 100 William, New York

188— Antimony Oxide

C. P. N. CHEMICAL CO., INC., 78 Reade, New York, & 231 W Huron, Chicago, Ill.
Drakenfeld B. F. & Co. (Imp), 50 Murray, New York
Feuchtwanger L. & Co., 136 Liberty, New York
Fuller Ralph L. & Co., Inc., 2 Rector, New York. *See adv index at end of book*
Frazer & Co., 50 Church, New York
Harshaw, Fuller & Goodwin ("golden" Crimson Vermilion), Cleveland, New York & Philadelphia

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

ANTIMONY OXIDE—continued
Hill's Edward Sons & Co. (Imp), 64 Wall, New York
Raritan Chemical Works (French), 8 W 40th, New York
Roessler & Hasslacher Chemical Co., 100 William, New York
Seligman Arthur, 165 B'way, New York

188a— Antimony Oxymuriate

Merrimac Chemical Co., 148 State, Boston, Mass.

188b— Antimony Regulus

Atlas Chemical Co., Waltham, Mass.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

189—Antimony (Sulphuret of)

Avery Chemical Co., 88 Broad, Boston, Mass.
Cantor Joseph (Imp), 54 Stone, New York
Coulston J. W. & Co. (Imp), 80 Maiden la, New York
Foote Mineral Co. (Imp. & Mfrs.), 107 N 19th, Phia., Pa.

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Innis, Speiden & Co., Inc. (Imp), 46 Cliff, New York. *See adv index at end of book*
Katzenbach & Bullock Co., 100 William, New York
Lufbery Geo. F., Jr., Elizabeth, N. J.
Magnolia Metal Co. ("Magmetco"), 115 Bank, New York
See adv index at end of book
Pfaltz & Bauer (Imp), 300 Pearl, New York
Rare Metal Products Co., Glen Ridge, N. J.
Rolls H. J., Ellicott Sq. Bldg., Buffalo
Scheel Wm. H. (Imp), 159 Maiden la, New York
Smith Alfred, 98 Maiden Lane, New York
Uhlich Paul & Co. (Imp), 11 Cliff, New York
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

189a— Anti-Rail Creepers

P & M Co. (The), ("P & M," "Vaughan," "Henggi"), 80 E. Jackson blvd., Chicago, Ill.

190— Anti-Rattlers (Rubber)

Bowers Rubber Works, 68 Sacramento, San Francisco, Cal.
Goodrich B. F. Co., Akron, O.
N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
New York Belting & Packing Co., 91 Chambers, New York
United & Globe Rubber Mfg. Co., Trenton, N. J.

191— Anti-Rattlers (Steel)

See also Couplers, Shaft & Pole
Bauer Bros. Mfg. Co. ("Burton," "Higgin" & "Johnson"), Richmond & Carr, Cincinnati, O.
Evans & Coppins Co. ("Star Quick Shift"), Princeton, Ill.
Fernald Mfg. Co. ("Burton," "Quick Shift," "Ladd," "Fernald" & Wire Drive), North East, Pa.
Higgin Mfg. Co., Newport, Ky.
Monarch Carriage Goods Co. ("Handy"), Cincinnati, O.
Raymond Mfg. Co., Ltd., Corry, Pa.
Searls Mfg. Co., 29 Mulberry, Newark, N. J.
Tanner D. F. ("Quick Shift"), Holland, N. Y.
Wallace Supplies Mfg. Co. ("Wallace"), 412 Orleans, Chicago, Ill.

192— Anti-Rattlers (Window)

Climax Lock & Ventilator Co. ("Climax"), 656 Michigan av, Buffalo, N. Y.
Elastic Tip Co., 370 Atlantic av, Boston, Mass.
Fischer Bros. & Corwin, 635 N 3d, Newark, N. J.
P. C. W. Mfg. Co. ("P. C. W." Sash), York, Pa.
Peabody Henry W. & Co. ("Feltoid"), 17 State, New York

193—Anvil, Vise & Drill Combined

See also Vises, Anvil, Combination
Bloomfield Mfg. Co. ("New Banner"), Bloomfield, Ind.
Bonney Vise & Tool Works ("Gipsey"). Allentown, Pa.
See adv index at end of book
Millers Falls Co. (Inserted Steel Vise Jaws), 28 Warren, New York. Works: Millers Falls. Mass.

194— Anvil & Vise Combined

See also Vises, Anvil, Combination
Adams A. L., Cedar Rapids, Ia.
American Scale Co., Kansas City, Mo.
Bloomfield Mfg. Co., Bloomfield, Ind.
Bonney Vise & Tool Works ("Gipsey"), Allentown, Pa.
See adv index at end of book
Columbian H'dwe Co., Cleveland, Ohio
Fisher & Norris ("Eagle"), Trenton, N. J.
Fulton Iron Works ("Cheney"), Detroit, Mich.
Hunt, Helm, Ferris & Co. ("Star"), Harvard, Ill.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Loetscher-Ryan Mfg. Co. ("Star"), Dubuque, Ia.
Millers Falls Co., 28 Warren, New York
Parker Charles Co., Meriden, Conn.
Richardson Mfg. Co., Worcester, Mass.
Rock Island Mfg. Co. ("Rock Island" Semi-Steel), Rock Island, Ill.
Southern Skein & Fdry. Co., Chattanooga, Tenn.
Strickler Hay Tool Co., Janesville, Wis.
Stowell Co., The ("Hanson"), South Milwaukee, Wis.

195— Anvils (Bench, Etc.)

Bonney Vise & Tool Works ("Gipsey"), Allentown, Pa.
See adv index at end of book
Bullock Mfg. Associates, Springfield, Mass.
Columbian H'dwe Co., Cleveland, Ohio
Fisher & Norris ("Eagle"), Trenton, N. J.
Goodell-Pratt Co., Greenfield, Mass.
Hay-Budden Mfg. Co., 254 N Henry, Brooklyn, N. Y.
Millers Falls Co. ("Hills" Solid Steel), 28 Warren, New York
Potts D. H., Lancaster, Pa. Anvils (Bench, etc.)
Rock Island Mfg. Co. ("Rock Island" Semi-Steel for Farm or Shops), Rock Island, Ill.
Williams A. C. Co. (Family, small, 7½ lbs), Ravenna, O.

196—Anvils (Blacksmiths', Etc., Cast Iron)

American Skein & Foundry Co. ("Badger"), Racine, Wis.
Illinois Iron & Bolt Co. ("Vulcan"), Carpentersville, Ill.

197—Anvils (Blacksmiths', Etc., Imported)

Potts Horace T. & Co. ("Paragon," Swedish Steel), 318 N 3rd, Phila., Pa.
Stauffer, Eshleman & Co., Ltd ("Crown," Swedish Steel), 511 Canal, New Orleans, La.
Swedish Iron & Steel Corpn. (Swedish Steel), 12 Platt, New York
See adv index at end of book
Wiebusch & Hilger (Peter Wright, Sole Selling Agent), 106 Lafayette, New York

198—Anvils (Blacksmiths', Etc., Steel)

Columbian Hardware Co. ("Columbian"), Cleveland, O.
Fisher & Norris ("Eagle," "Horseshoer," "Special"), Trenton, N. J.
Southern Skein & Foundry Co. ("Southern Crescent"), Chattanooga, Tenn.
Yost G. M. Mfg. Co., Meadville, Pa.

199—Anvils (Blacksmiths', Etc., Wrought)

American Wrought Anvil Co., 298 Union av, Brooklyn, N. Y.
Columbus Anvil & Forging Co. ("Arm and Hammer"), Columbus, O.
COLUMBUS FORGE & IRON Co. ("Trenton" Solid Wrought Iron), Columbus, O. *See adv index at end of book*
Hay-Budden Mfg. Co., 254 N Henry, Brooklyn, N. Y.

200— Anvils (Jewelers')

Fisher & Norris ("Eagle"), Trenton, N. J.
Worthington & Raymond, 71 Murray, New York

201— Anvils (Paper Weight)

Wrightsville Hardware Co., Wrightsville, Pa.

202— Anvils (Plow & Farm)

Columbian H'dwe Co., Cleveland, Ohio
Evansville Tool Works, Evansville, Ind.
Fisher & Norris ("Fisher"), Trenton, N. J.
Hay-Budden Mfg. Co., 254 N Henry, Brooklyn, N. Y.
Howell, W. H. Co., Geneva, Ill.
Iron City Tool Works, Ltd., 3201 Smallman, Pittsburgh, Pa.
Millers Falls Co., 28 Warren, New York
Rock Island Mfg. Co. ("Rock Island" Semi-Steel), Rock Island, Ill.

203— Anvils (Saw Makers')

Columbus Anvil & Forging Co., Columbus, O.
Covel Mfg. Co., Benton Harbor, Mich.
Disston Henry & Sons, Tacony, Phila., Pa.
Fisher & Norris, Trenton, N. J.
Hay-Budden Mfg. Co., 254 N Henry, Brooklyn, N. Y.
Potts Horace T. & Co. ("Paragon" Swedish Solid Steel), 318 N 3rd, Phila., Pa.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

204—Apparatus for Making Rubber Stamps

Smith R. H. Mfg. Co., Springfield, Mass.

205—*Apparatus (Gymnastic)

GYMNASTIC APPARATUS and PLAYGROUND APPARATUS
STEEL LOCKERS
Write for Catalogs
FRED MEDART MFG. CO.
ST. LOUIS, MO.

Narragansett Machine Co. ("Standard"), Providence, R. I.

206—*Applicators (Surgeons)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Safety First Supply Co., Hartje bldg, Pittsburgh, Pa.

206a—Appraisers (Factory, Etc)

American Appraisal Co., Stroh bldg, Milwaukee, Wis.
Baxter A. E. Engineering & Appraisal Co., Buffalo, N. Y.
Green Samuel M. Co. Inc., Springfield, Mass.
National Appraisal Co., 261 Franklin, Boston, Mass.
Rau Appraisal Co., Patton bldg, Milwaukee, Wis.
United States Appraisals Co., 161 Summer, Boston, Mass.

207— Aprons (Advertising)

Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.

208—Aprons (Buggy & Carriage)

Adams E. B. & Son, Racine, Wis.
Bauer Bros. Mfg. Co., Richmond & Carr, Cincinnati, O.
Bayles Vehicle Top & Trimming Co ("Perfection"), Kansas City, Mo.

Buob & Scheu, 216 Webster, Cincinnati, O.
Cretors J. B. ("Superior"), St. Paris, O.
Fairfield Rubber Co. (Storm), Fairfield, Conn.
Monarch Carriage Goods Co., Cincinnati, O.
Parry Mfg. Co., Indianapolis, Ind.
Peters & Herron Dash Co., 533 E. Long, Columbus, O.
Racine General Mfg. Co. ("Standard" Adjustable), Racine, Wis.
Safe Storm Shield Co., Fremont, O.
Sioux City Iron Co., Sioux City, Iowa
Star Storm Front Co., Troy, O.
Vehicle Top & Supply Co. (Adjustable, "Comfort," "Interlap"), 3414 Lindell av, St. Louis, Mo.
Walter Bros., Dallas City, Ill.
Warner Pole & Top Co., 1648 Central av, Cincinnati, O.

209—Aprons (Canvas, Duck, Etc.)

Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.
Carpenter Geo. B. & Co., 440 North Wells, Chicago, Ill.
Excelsior Bag & Mfg. Co. (Carpenters'), Troy, N. Y.
Imperial Mfg. Co. (Butchers', Waiters', Carpenters', Mechanics' & Waterproof, etc), Dayton, O.
Perfection Mfg. Co., Montgomery & Leffingwell, St. Louis, Mo.
Peters & Herron Dash Co. (Carpenters'), 533 E. Long, Columbus, O.
Stanley Wm. W. (Canvas, Waterproof), 50 Church, New York
Willard Mfg. Co. (Carpenters' and Mechanics'), St. Albans, Vt.
Zittlosen Mfg. Co., Park & Dolinan, St. Louis, Mo.

Aprons (Carpenters')

See Aprons, Canvas, Duck, Etc.

210— Aprons (Condenser)

Norwich Belt Mfg. Co., Norwich, Conn.

211— Aprons (Flange)

212— Aprons (Leather)

Atlantic Mfg. Co., Wilmington, Del.
California Tanning Co. ("Boss", "Dandy" Blacksmith, Lumberman, etc), 1905 Shenandoah av, St. Louis, Mo.
Coupe Wm. Co., Ltd. (Rawhide "Excelsior"), S Attleboro, Mass.
Firth Wm., 200 Devonshire, Boston, Mass.
Graton & Knight Mfg. Co. (Worsted), Worcester, Mass.
Groezinger's G. Sons ("Helvetia"), Lancaster, Pa.
Hudson Belting Co. ("Sheepskin"), 3 Eaton pl, Worcester, Mass.
North Chelmsford Machine & Supply & Supply Co., North Chelmsford, Mass.
Pechin Belting Co. ("None-Such"), Fairmount & Front Phila,, Pa.
Turner J. S. Mfg. Co., Lowell, Mass.

213— Aprons (Mechanics')

See also Aprons, Canvas, Duck, etc.
See also Aprons, Leather

B. E. Mfg. Co. ("Bemco"), 18 W. 18th, New York
Buckeye Tent & Awning Mfg. Co. (Canvas), 264 Spruce, Columbus, O.
Ferguson Waterproof Co. ("Aligator" Waterproof, Black & Army Drab), Grand & Hickory, St. Louis, Mo.
Imperial Mfg. Co. (Muslin & Duck), Dayton, O.
Specialty Mfg. Co. (Heavy Duck), St. Anthony Park, Minn.
Troy Carriage Sun Shade Co. (Duck & Twill Carpenters' & Workmen's), Troy, O.
Zittlosen Mfg. Co., Park & Dolman, St. Louis, Mo.

214— Aprons (Mill)

See Aprons, Rubber

215— Aprons (Rain)

Imperial Mfg. Co., Dayton, O.
Kroh C. Z. Mfg. Co., Toledo, O.
Springfield Auto Top & Upholstering Co., Springfield, Mass.

216— Aprons (Rubber)

Beyerle J. J. Mfg. Co., 81 S 5th, Brooklyn, N. Y.
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Davol Rubber Co. ("Baxter" Cloth Lined), 69 Point, Providence, R. I.
Goodrich B. F. Co., Akron, O.
Goodyear Rubber Co. & Rubber Clothing Co., 787 B'way, New York
Home Rubber Co. (For Fourdrinier Paper Machines), Trenton, N. J.
Pennsylvania Rubber Co., Jeannette, Pa.
Stern Specialty Co. ("Utility"), 40 E. 22d, New York

Aqua Fortis

See Acid, Nitric

217— Aquariums (Glass)

Co-Operative Flint Glass Co., Beaver Falls, Pa.
Fiske J. W. Iron Works (Glass & Iron), 80 Park pl, New York

218—Arbors (Chuck, Lathe, Milling Machine, Etc.)

Braunsdorf-Mueller Co. (Lathe), Elizabeth, N. J.
Brown & Sharpe Mfg. Co. (Milling Mch.), Providence, R. I.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Cochrane-Bly Co. (Milling Mch), Rochester, N. Y.
Detroit Twist Drill Co., 555 Fort, Detroit, Mich. *See adv index at end of book*
Garvin Machine Co. (Milling Mch), 147 Varick, New York
Jacobs Mfg. Co. (For "Jacobs" Drill Chucks), 894 Park, Hartford, Conn. *See adv index at end of book*
Morse Twist Drill & Machine Co., New Bedford, Mass.
National Tool Co. (Screw), Madison av & L. S. & M. S. Ry., Cleveland, O. *See adv index at end of book*
National Twist Drill & Tool Co., Detroit, Mich.
Nielson-Barton Chuck Co., 106 So. Jefferson, Chicago, Ill. *See adv index at end of book*
Pratt Chuck Co., Frankfurt, N. Y.
Pratt & Whitney Co., Hartford, Conn.
Skinner Chuck Co., New Britain, Conn.
Standard Tool Co., 6900 Central av, Cleveland, O.
Union Mfg. Co. ("Union"), New Britain, Conn.
Union Twist Drill Co. (Lathe, Milling Machine, etc), Athol, Mass.

219— Arbors (Saw)

See also Mandrels, Saw

American Saw Mill Machinery Co., Hackettstown, N. J.
American Wood Working Machinery Co., Rochester, N. Y.
Atkins E. C. & Co., 402 Illinois, Indianapolis, Ind.
Badger Gas & Gasoline Engine Co., Kansas City, Kan.
Chase Turbine Mfg. Co., Orange, Mass.
Covel Mfg. Co., Benton Harbor, Mich.
Crucible Steel Co. of America ("La Belle" Steel), Oliver bldg, Pittsburgh, Pa.
Curtis & Co. Mfg. Co. ("Curtis," "Dixie"), 1571 Kienlen av, St. Louis, Mo.
Deane Machine Co., Fitchburg, Mass.
Disston Henry & Sons, Tacony, Phila., Pa.
Erie Forge Co., Erie, Pa.
Glascock Stove & Mfg. Co., Greensboro, N. C.
Goodell-Pratt Co., Greenfield, Mass.
Grammes L. F. & Sons, Allentown, Pa.
Hall & Brown Woodworking Machine Co., 1913 N B'way, St. Louis, Mo.
Hemingway Machine Co., Lynn, Mass.
Howell R. R. & Co., Minneapolis, Minn.
National Woodworking Machine Co., Dover, N. H.
Ohlen J. & Sons Saw Mfg. Co., 931 Factory, Columbus, O.
SIMONDS MFG. CO., Fitchburg, Mass. *See adv index at end of book*
Southern Saw Works, East Point, Ga.
Welch T. F. Co., 55 Sudbury, Boston, Mass.
Wright Chas. E. Co., Kenilworth, N. J.

220— Arbors (Shell Reamer)

Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Gisholt Machine Co., Madison, Wis.
KNAPP ARTHUR ENGINEERING CORP., 30 Church, New York *See adv index at end of book*
McCrosky Reamer Co., Meadville, Pa.
Morse Twist Drill & Machine Co., New Bedford, Mass.
National Twist Drill & Tool Co., Detroit, Mich.
Pratt & Whitney Co., Hartford, Conn.
Rogers John M. Works, Gloucester City, N. J.
Standard Tool Co., 6900 Central av, Cleveland, O.
Union Twist Drill Co., Athol, Mass.

221—Arc Deflectors & Controller Linings

Rutherford J. & Son ("Star" Deflector), Akron, O.

Arc Lamp Cord

See Cords, Trolley, Arc Lamp & Bell

222— *Arc Welders (Electric)

ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*

223— Arches (Boiler)

See Brick, Boiler Arch

224— Architects

ALABAMA.

AUBURN—Biggin Frederic, Polytechnic Institute
BESSEMER—Benns W. E.
BIRMINGHAM—Breeding H. D., Watts bldg
Brodie T. L. (Church Work), Jefferson Co. Bank bldg
Greene J. E. (Church Work), 1204 13th av, N.
Gullett John D., Chamber of Commerce
Joy & Gallup, Jefferson Co. bldg
Knight Eugene H., 1607 Empire bldg.
La Roche E. B., Jefferson Co. Bank bldg
Maddox J. M., Gate City rd.
Martin Hugh, Title Guarantee bldg.
Miller J. A., Title Guarantee bldg.
Price Bem, Empire bldg
Rayfield W. A. & Co., 105 1st av S
Ringer J. G., 1118 Princeton av
Salie & Mewhinney, Woodward bldg
Ullman Sidney M., Chamber of Commerce
Warren W. T., Empire bldg
Welton Wm. Leslie, Am. Trust & Savings Bank bldg
Wheelock H. B., Steiner bldg
Whilldin D. O., Title Guarantee bldg
HUNTSVILLE—Love Edgar L.
MOBILE—Dowey Alois H., 111 S. Franklin
Hayes Chas A., Terminal Sta.
Hutchisson C. L., City Bank bldg
Rogers Geo. B., Van Antwerp bldg
Slater Edward H., 2 E of Pleasant la
Wetzell John A. & Wm. H. **Marsh**, City Bank & Trust bldg
MONTGOMERY—Ausfeld Fred'k, Bell bldg
Galliher C. F., Bell bldg
Lockwood Frank, 121 Adams
Okel & Cooper, Vandiver bldg
Smith & Carter, 21 Dexter av
Whaley Richard S., 103 Lewis
TUSCALOOSA—Ayres C. M.

ARIZONA.

PHOENIX—Claflin H. B.
Creighton & McDonald
Fitzhugh & Fitzhugh
Gray R. A.
Lescher & Kibbey
Marsh & Wallingford
Norton W. R.
Pheby, Geo. E.
Wallingford, V. O.
TUCSON—Bray Wm.
Jaastad Henry O.
Tobey Curtis & Co.

ARKANSAS.

FORT SMITH—Chisholm A. C., 501 S. 18th
Klingensmith A., Merchants' Nat'l Bank bldg
HOT SPRINGS—Beaty C. N.
Hart Frank J. W.
Horn J. G.
JONESBORO—Mitchell T. Edison
LITTLE ROCK—Almand John Parks
Blaisdell Frank M.
Dill Wm.
Duggan F. A.
Ferrell C. A.
Gibb Frank W.
Harding Thos.
Harker H. J.
Mann, George R.
Newman H. H.
Sanders T. M.
Stern Eugene John
Thompson Chas. L.
Watts Charles
Weston Harry J.
PINE BLUFF—Selligman Mitchell
TEXARKANA—Moore Stewart
Witt, Seibert & Co.

CALIFORNIA.

ALAMEDA—Stenbiht Arthur
BAKERSFIELD—Biggar C. H.
Clark O. L.
Saffell J. M.
Wiseman T. B.
BERKELEY—Allen Harris Campbell, 2514 Hillegass av
Anderson Geo., 6046 Lawton av
Arnold Samuel, 2996 Adeline
Ford Leonard H., 2136 Center
Grove O. S., 2911 Telegraph av
Martin Eugene K., 2192 Shattuck av
Plackek Jas. W., Acheson bldg
Ratcliff W. H., Jr., 1st Nat'l Bank bldg
Thomas Jno. Hudson, 1st Nat'l Bank bldg
BISHOP—Clements G. C.
CHICO—Bryan A. J.
Cole Chester
CHULA VISTA—Fill S. M.
CORONA—Kroonen Leo (& Builder)
EAST AUBURN—Fellows Allen D.
EUREKA—Ackerman Newton
Burke E. J.
Georgeson F. T.
FRESNO—Coates & Traver, Rowell bldg
Condrajian L. K., 1942 Kern
Felchlin R. F., Rowell bldg
Glass & Butner, Republican bldg
Hotchkin R. B., Rowell bldg
Kirby C K., jr., 525 Forthcamp
Knapp I. Jay, Griffith-McKenzie bldg
Kump E. J., Rowell bldg
Mathewson E., Cory bldg
St. John F. E., Cory bldg
Starbuck H. F., Rowell bldg
Swartz & Swartz (& Structural Mgrs.), Rowell bldg
FULTON—Shriver J. B. (& Builder)
HOLLYWOOD—Palmer & McBurney
LONG BEACH—Austin W. H.
Kahrs G. W.
Lindsay F. L.
Lochridge H. H.
LOS ANGELES—Acker A. L., 182 E Vernon av
Albright Harrison, Laughlin bldg
Allison & Allison, Hibernian bldg
Angelus Drafting Co., 756 S. B'way
Angel A. W., 3739 Princeton av
Arc K. N., B'way Central bldg
Architectural Designing Co., Grosse bldg
Austin J. C., 412 W 6th
Barnes A. J., 7114 Hawthorne av
Benton A. B., 114 N Spring
Bergstrom, Edwin, Cit. Nat. Bank bldg
Bixby B. B., 641 Crocker
Blecher Louis, 1524 Winfield
Blee John F., Union League bldg
Borgmeyer Edw. J., Stimson bldg
Bowles, H., 112 W 9th
Bradley H. S., 756 S B'way
Brown Carrol H., Stimson bldg
Brown F. A., 756 S B'way
Chalmers J. W., 228 W 4th
Cline E. H.,Brockman bldg
Corbett B. C., Union Oil bldg
Corwin H. G., Maine bldg
Costerisan G. F., Lankershim bldg
Creeth & Kennedy, 304 South B'way
Cross Harold, 123 S Dillon
Curlett W. & Son, 548 S. Spring
Dackus John J., City Hall
Davis F. Pierpont, Exchange bldg
Davis W. S., 321 W 3rd
Dennis O. P., Fay bldg
De Remer & Hewitt, Title Ins. bldg
Dodd W. J., Esq., 520 W. 7th
Dorn Fred R., Marsh-Strong bldg
Dunn H. B., 210 W 7th
Eager, W. A., Story bldg
Edelman & Barnett, 356 S. Spring
Eisen & Son, Wilcox bldg
Eldredge Geo. W., Consolidated Realty bldg
Erkes Walter C., Esq., Henne bldg
Farquhar R. D., Van Nuys bldg
Farrell R. C., Esq., 707 So. Hope
Farwell Lyman, 610 S B'way
Fitzhugh Thornton (& Engineer), Story bldg
Fowler M. W., 1836 Garfield pl
Frauenfelder J. J., 610 S B'way
Garrett W. S., Currier bldg
Garrison J. H., P. O. Box 547A
Garstang Chas. E., 837 S. Vermont av
Gentry Frank H., Union Oil bldg
Gerity H. S., 607 S Hill
Gill Irving J., 913 Figueroa
Glidden H. W., Wright & Callender bldg
Goetze Siegfried, 6778 Hollywood blvd
Greene W. S., 210 W. 7th
Grey Elmer, Wright & Callender bldg
Grey Henry, 1312 W. 38th pl.
Gunning D., 1664 W 24th
Heineman Arthur S., San Fernando bldg
Heinlein, Fredk, 311½ S Spring
Hemmler A. H., 524 S Spring
Hibbard & Cody, Marsh-Strong bldg
Hopkins E. L., 129 W. 2nd
Howard G. A. Jr., 756 S. B'way
Hubby R. Germain, 6412 Hollywood blvd
Hudson & Munsell, Stimson bldg
Hunt Myron, Hibernian bldg
Hunt & Burns, Laughlin bldg
Irish Hiram E., 402 S Fremont av
Janssen Otto, 765 Pyrites
Jeffery E. R., 210 W 7th
Jones Howard E., B'way Cent. bldg
Jones Leonard L., 408 S. Spring
Kavanaugh J. F., Union Oil bldg
Kegley F. T., Cons. Realty bldg
Keim T. B., Haas bldg
Kelly A. R., Story bldg
Kimball H. M., 358 Harper av
King & Taylor, Cons. Realty bldg
Kleinpell W. E., 618 Aldama Ter
Klung H. G., 160 S Virgil av
Knauer H. J., 610 S. B'way
Krempel John P., Henne bldg
Kunst J. E., Higgins bldg
Kysor C. H., Wright & Callender bldg
Large A. T., Central bldg
Lindley Arthur G., Hollingsworth bldg
Lourdon F. X., Merchants' Trust bldg
Marsh Norman F., B'way Central bldg
Martin A. C., Higgins bldg
Mayberry & Parker, Pac. Elec. bldg
Meline Frank L., 6778 Hollywood av
Memler Arthur H., Lissner bldg
Montgomery & Montgomery, Merritt bldg
Morgan Octavius, I. N. Van Nuys bldg
Morgan O. W., Esq., I. N. Van Nuys bldg
Morgan, Walls & Morgan, Van Nuys bldg
Munsell William A. O., Stimson bldg
Needham P. A., Brockman bldg
Neher O. H., Garland bldg
Nevatt G. H., 220 W 5th
Nicholson J. B., Wright & Callender bldg
Noonan Fred'k, 752 S. B'way
Norton S. Tilden, Title Ins. bldg
Nourse C., Story bldg
Orr Robt. H., Van Nuys bldg
Pape P. C., Consolidated Realty bldg
Parcher E. P., 6719 Hollywood blvd
Pardee Geo. M., 427 W 5th
Parkinson John, 420 Title Insurance bldg
Patterson H. M., O. T. Johnson bldg
Pennell W. C., 607 S. Hill
Peoples & Cheney, Haas bldg
Peters F. H., 129 W 3d
Pierpont Francis, 321 W 3d
Pitzer C. C., 210 W 7th
Priest A. F., 326 W 3d
Power T. F., Higgins bldg
Quintin Scott, 2655 N Griffin av
Rea Alfred W., Black bldg
Reeves H. Alban, Cham. of Com. bldg
Reif Anton, Higgins bldg
Rittenhouse C. C., Wilcox bldg
Roehrig Frederick L., Am. Bank bldg
Rosenheim Alfred F., H. W. Hellman bldg
Rosenthal A. B., 126 W 3d
Russell C. H., Story bldg
Salveter H. D., Central bldg
Saunders W. J., Laughlin bldg
Schabarum P. K., 756 S B'way
Seehorn I. H., 328 Clay
Shattuck C. E., Mason bldg
Skilling C. F., 740 S B'way
Smith J. C., Hellman bldg
Snell Frank S., 2214 W 14th
Soper F. J., 610 S B'way
Stibolt A. Henry, 220 Bonnie Brae (& at San Diego)
Stiff Frank L., Grosse bldg
Stillwell E. W. & Co., Henne bldg
Sturges A. B., Story bldg
Taylor E. C., Haas bldg
Taylor R. M., 112 W. 9th
Thompson W. F., 971 S Westmoreland av
Thorne, Edwin C., 321 W 3d
Tifal Bros., Black bldg
Train & Williams, Exchange bldg
Tyler Frank M., Black bldg
Valk L. B. & A. L., Stimson blk
Van Trees P. J., 210 W 7th
Vawter John Terrell, Esq., Hibernian bldg
Voelkel G. E., 1349 E Washington
Wackerbarth August, 202 N Main
Walker A. R., Hibernian bldg
Warn Montrose, 3126 Winter
Warner O. M., Stimson bldg
Watson L. F., 215 W 7th
Webber Walter, Ferguson bldg
Wells R. H. (A. T. & S. Fe Ry. Co.) Kerckhoff bldg
Weston R. D., 130 S B'way
Wilson Henry L., 253 S B'way
Winslow Carleton Monroe, Van Nuys bldg
Withey Henry F., Van Nuys bldg
Witmer D. J., 405 S Hill
Wright Parker O. Jr., Security bldg
Wyman G. H., Henne bldg
Young E. A., 355 S B'way
Young F. W., Lankershim bldg
Young R. B. & Son, Lankershim bldg
Zeller J. T., Currier bldg
MERCED—Cowell & Bedeson
MODESTO—Mourot Julien, 812 15th
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NAPA—Corlett W. H. (& bldr)
Turton L. M.
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Barton C. B., 1st Trust & S. B. bldg
Bolkrer J. Henry, Thomas bldg
Burrell Clay N., Albany bldg
Cannon E. W., Central Bk bldg
Dickey C. W., 312 Oakland, bk. of Savings bldg
Dixon W. W., 1844 5th av
Donovan John Jos., Dalziel bldg
Hyde L. F., 2745 26th av
Judson W. H., 1121 Washington
Knowles Wm., Central Bank bldg
McCall C. W., Central Bank bldg
McCrea G. E., 1st National Bank bldg
Mathews W. J., 927 B'way
Mau Chas., Macdonough bldg
Miller Chester H., 1st Sav. Bk bldg
Milwain Bros., Albany bldg
Newsom J. Cather, 1422 B'way
Ratcliffe W. H. Jr., 1st Nat'l Bk bldg
Reed & Corlett, Oak. Bk of Sav
Reid Francis W., 1725 6th av
Schetzel M. P., Blake & Moffit bldg
Schirmer Bugbee & Co., 532 15th
Smith A. W., 1004 B'way
Soderberg Fred, 1st Natl Bk bldg
Voorhees F. D., Central Bank bldg
Wilde Wm., 1725 B'way
Woollett John W., 1st National Bank bldg
Wythe W. J., Central Bank bldg
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Hodson F. Garvin
Willard Daniel W.
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Narbett J. F.
Ogborn J. B.
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Brewster E. E.
Waldman L. C.
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Cuff C. C., Ochsner bldg
Foale F. A. S., Ochsner bldg
Hemmings E. C., 1203 J
Herold P. J., Forum bldg
Herold R. A., Forum bldg
McCullough Jas. A., 1631 M
McDougall George B., 1416 11th
Schardin F. H., Forum bldg
Seadler Jas., Forum bldg
Sellon Geo. C., 1005 K
Woollett & Woollett, 1003 K
SALINAS—Barker Clarence G.
SAN BERNARDINO—Beimer Anthony
Bruner, C. C.
Griggs G. W.
Harris F. T., 206 Katz bldg
SAN DIEGO — Albright Harrison, 121 B'way
Alderson Roy, 1131 11th
Allen F. P., Jr., Watts bldg
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Douglas & Hartman, Timken bldg
Gay Henry Lord, McNeece bldg
Gill & Gill, 752 5th
Hale Perley, 121 B'way
Hanssen Gustav A., 2030 29th
Hebbard Will Sterling, Grant bldg
Hoffman Eugene M., Spreckles bldg
Jefferson & Thomas, McNeece bldg
Johnson W. Templeton, Timken bldg
Keller Walter S., Timken bldg
Kennedy S. G., 4070 Eagle
Kistner Theodore C., Am. Nat'l Bank bldg
Kruegl Chas., 1133 27th
Lyman J. B., Jr., 861 6th
Mead & Requa, 6th & B
Quayle Bros. & Cressey, Spreckels bldg
Roeschlaub Robert S., 3676 Third
Siebert J. S., 1520 6th
Wallace F. H., 520 26th
Weaver E. B., 500 26th
Wheeler & Halley, Union bldg
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Woodard J. Carlton, 4102 Ibis
SAN FRANCISCO—Allen Glenn, 216 Eddy
Antonovich Emil P., 20 Montgomery
Applegarth G. A., Claus Spreckels bldg
Armitage Wm. H., 1107 Pierce
Ashcroft G. B., Balboa bldg
Austin Elizabeth M., Hearst bldg
Bakewell John Jr., 251 Kearney
Banks W. O., 2325 Larkin
Barnett A. J., 77 College av
Barrett Chas. H., 381 Bush
Barth Herman, 12 Geary
Baumann H. C., 251 Kearney
Baur Jno. Albert, Sharon bldg
Beuttler John F., 110 Sutter
Blaisdell Nathaniel, 255 California
Bliss Walter D., Balboa bldg
Blohme J. Harry, Alaska Com'l bldg
Boese Frederick D., Call bldg
Bolles Edw. G., 660 Market
Bonestell C. K., Jr., Monadnock bldg
Branner John K., 519 California
Brown Arthur Jr., 251 Kearny
Bruce Morris M., Flood bldg
Buckel Chas 3149 Mission
Bugbee Arthur S., Hearst bldg
Bugbee Maxwell G., 619 Washington
Burgren Albert W., 30 Woodland av
Cantin A. A., 68 Post
Carey Jno. W., Mer. Nat'l B'k bldg
Castelhun N., 1078 Valencia
Cheney Chas H., Spreckels bldg
Clausen Chas. O., Hearst bldg
Coffey Alfred I., Humboldt Bk. bldg
Coleman David C., Merchants National Bank bldg
Colley Chas. J., 3166 Washington
Colmesnil Geo. de., Lick bldg
Cornelius A. W., Merchants National Bank bldg
Coulter Norman R., 46 Kearney
Coxhead Ernest, Hearst bldg
Crim W. H. Jr., 425 Kearney
Cunningham & Politeo, First National Bank bldg
Curlett Wm. & Son, Phelan bldg
Cuthbertson W. J., 2265 Market
De Martini Paul F., 2123 Powell
Denke A. Reinhold, Nevada Bk bldg
Denke E. H., 1317 Hyde
Devlin Chas J. I., Pacific bldg
Devlin Leo J., Pacific bldg
Dickie Jas., 112 Market
Dolliver J. W., 201 Sansome
Dunn Jas F., 760 Market
Edwards & Norberg, Phelan bldg
Ettler Jno. A., 604 Mission
Evans Oscar E. & Co., 2569 Mission
Everett Oliver, 1940 Webster
Fabre & Bearwald, Merchants National Bank bldg
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Falch & Knoll, Hearst bldg
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Farr Albert, 68 Post
Faville William B., Balboa bldg
Flugger Jno. C., 766 Second av
Foley John J., 46 Kearney
Foulkes Edw. T., Crocker bldg
Freeman J. Eugene, Kohl bldg
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Geilfuss H. & Son, 46 Kearney
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Gutterson Henry H., 278 Post
Haber C. A., Monadnock bldg
Harris Harvey E., 20 Montgomery
Hatch John D., Humboldt Bank bldg
Hays Wm. C., First Nat. Bk. bldg
Headman Aug. G., New Call bldg
Heffernan & Mattanovich, Hewes bldg
Heide A. F., Russ bldg
Heiman & Schwartz, 212 Stockton
Helms Edward F., 5th av & California
Hermann E. A., 2567 A, Mission
Hildebrand E. H., Crocker bldg
Hind W. G., 46 Kearny
Hirschfeld Benjamin S., 251 Kearny
Hladik J. C., Monadnock bldg
Hobart Lewis P., Crocker bldg
Hodges Charles E., Bankers Invst. bldg
Holland Frank S., 100 Haight
Howard Jno. G., 604 Mission
Jacobs Alfred Henry, 110 Sutter
Jewett Grace, 939 Jones
Joseph B. J., New Call bldg
Kaiser Chas. S., Mech. Inst. bldg
Kelham Geo. W., Sharon bldg
Kincaid Geo. F., Hearst bldg
Knowles Wm., Hearst bldg
Koenig William, 1106 Cabrillo
Koenig & Christiansen, Humboldt Bk bldg
Krafft & Sons, Phelan bldg
Laib Arthur J., Russ bldg
Lansburgh G. Albert, 709 Mission
Lapachet A. L., 110 Sutter
Lemme E. S., 337 7th av
Lenzen Louis T., 110 S. 29
Lenzen Theo. W., Humboldt Bank bldg
Lichtenstein Milton, 111 Ellis
Lofquist Jno. O., 742 Market
Lowe Willis C., Crocker bldg
Lutgens Adolph C., 525 Market
Lyon Moses J., Nevada Bk. bldg
McDonald Kenneth, Sr., Call bldg
McDougall Benj. G., Sheldon bldg
McDougall Bros., Russ bldg
McManus Edw. C., Bankers Inv. bldg
McNally C. S., 46 Kearney
MacDonald & MacDonald, 58 Sutter
Maggs Herbert B., 125 Alpine ter
Martens & Coffey, Humboldt Bk. bldg
Mastropasqua Louis, 580 Washington
Mathews Edgar A., 251 Post
Maybeck, Howard & White, Lick bldg
Meussdorffer Conrad A., Humboldt Bank bldg
Meyer Fred H., 49 Geary
Meyers Henry H., Kohl bldg
Miller C. H., Foxcroft bldg
Miller J. R., Lick bldg
Miller, W. J., 417 Market
Minton Henry A., 244 Kearney
Mitchell W. Garden, 35 Montgomery
Monges H. B., Hobart bldg
Mooser Wm., Nevada Bank bldg
Morgan Julia (Miss), Merchants' Ex. bldg
Morrow & Garren, Chronicle bldg
Mullgardt Louis C., Chronicle bldg
Murdock Hamilton, 425 Kearney
Neumarkel E. A., Sharon bldg
Newman W. A., 7th & Mission
Newsom Sidney B. & Noble, Nevada Bank bldg
Nordin August, Mills bldg
O'Brien Bros., 240 Montgomery
O'Brien Matthew, Foxcroft bldg
O'Brien Smith, 742 Market
Osborn Harris, Hearst bldg
Oser Bros., 165 Post
Paff Chas. & Co., Sansome
Parker Walter H., 12 Geary
Patterson Daniel J., 46 Kearny
Pattiani A. W., 625 Market
Perry W. C., 604 Mission
Phillips N. C., 158 Pierce av
Polk Willis & Co., Hobart bldg
Porparato Jno. A., 619 Washington
Powers Jno. H., 460 Montgomery
Raiguel W. O., 604 Mission
Rally Lloyd, 604 Mission
Reid James W., California Pacific bldg
Reid Jno. Jr., 1st Nat. Bk. bldg
Reid Merritt J., California Pacific bldg
Richardson, A. W., 941 Church
Righetti P., Phelan bldg
Rixford Loring P., Sharon bldg
Rogers Chas. E. J., Phelan bldg
Ross Thos. Patterson, 310 California
Rousseau A. F. & C. M., 110 Sutter
Rousseau Chas. J., Maskey bldg
Rousseau & Rousseau, 110 Sutter
Rushforth George, 354 Pine
Sawyer Houghton, 808 Sharon bldg
Schastey Geo. A., 681 Market
Schnaittacher Sylvan, 233 Post
Scholz Arthur G., Phelan bldg
Schroepfer Albert, Nevada Bank bldg
Schumacher Edw. A., Nevada Bank bldg
Scott Earl B., Humboldt Bank bldg
Sexton Norman H. Co., 625 Market
Shea Wm. D., 244 Kearny
Shea & Lofquist, 742 Market
Shermund Henry, Mills bldg
Simpson Horace G., French Bank bldg
Skidmore Harry, Hearst bldg
Smith Henry C., 755 Market
Smith Joseph L., 1212 Claus Spreckels bldg
Spangler Fay R., Rialto bldg
Swain Clarkson, 519 California
Symmes Edwin J., Pacific bldg
Tantau Clarence A., 519 California
Thayer O. R., 20 Montgomery
Toepke Will H., 46 Kearny
Traphagen O. G., 244 California
Traverso Louis, 854 Union
Upton Louis M., 111 Ellis
Vogel Edward J., 2335 Pacific av
Ward Clarence R., Alaska Comm'l bldg
Weeks Chas Peter, Phelan bldg
Weeks Wm. H., 75 Post
Weismann L. M. & Son, Pacific bldg
Welsh & Carey, Merchants National Bank bldg
Werner Carl, Phelan bldg
Whittlesey Charles F., Haight & Clayton
Wood Fred B., 2237 Steiner
Wood & Simpson, 110 Sutter
Wright G. Alexander, 354 Pine
Young Edw. E., 251 Kearny
Zanolini Italo, 604 Montgomery
SAN JOSE—Aiken Fred, Theatre bldg
Binder Wm., Rea bldg
Lenzen Louis T., 110 S 2d
McKenzie Charles S., Bank of San Jose bldg
Page Geo. W., Rea bldg
Phillips W. C., 158 Pierce av
Skillings Warren, Garden City Bank bldg
Wolfe & Higgins, Suzerain bldg
SAN RAFAEL—Schlosser Henry
SANTA ANA—Eley Frederick H.
SANTA BARBARA—Ray Russel
Soule Winsor, 1206 Staten Island
Wilson Francis W.
SANTA CLARA—Higgins Wm. E.
SANTA CRUZ—Van Cleeck E. L.
SANTA MONICA—Cross C. C. & Son
SANTA ROSA—Cowles Louis
STOCKTON—Brown E. B.
King Walter
Losekann Joseph
Morrell R. P.
Sala & Mayo
Stone & Wright, S. J. Val Bank bldg
Thomas W. B.
Warner Franklyn E., San Joaquin bldg
Young & Jeffery
UPLAND—Greenleaf E. T.
VALLEJO—Jones W. A.
VISALIA—Weaver Morve L.

COLORADO.

BOULDER—Holmes, David H.
Saunders, Arthur E.
COLORADO SPRINGS—Barber, T. P., 1st Nat'l Bank bldg
Bisco M. B., 1st Nat'l Bank bldg

COLORADO—Colorado Springs—continued
Carrothers Bros., 17 W Carruthers
Hetherington T. D., Gazette bldg
MacLaren Thomas, Hagerman bldg
Pease L. A., Independence bldg
Van der Arend Nicholas, Hagerman bldg
DENVER—Anthony H. P., 1420 Clarkson
Baerresen Bros., Cham. Comm. bldg
Benedict J. B., Central Savings Bk. bldg
Bettcher George L., Empire bldg
Biscoe M. B., Exchange bldg
Bowman W. N., Central Savings Bank
Child W. T., Evans blk
Cowe Wm., Mack blk
Desjardins Co., 117 York
Edbrooke H. W. J., Opera House blk
Edwards W. Harry, Boston bldg
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Fisher W. E., Century bldg
Gates Charles M., Ideal bldg
Gove & Walsh, Boston bldg
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Harnois F. Louis, 100 E 16th av
Harvey Geo. F., Jr., Commonwealth bldg
Huddart John J., Bank blk
Huntington G. W. Architect Co., McPhee bldg
Hyder Jas. B., 1609 Franklin
McIntyre T. W., Cooper bldg
Manning Harry J., Majestic bldg
Marean & Norton, Ch. of Com. bldg
Mountjoy & French, Ch. of Com. bldg
Phillips Richard, Jacobson bldg
Pierce R. A., Century bldg
Redding Wm. & Son, Opera Hse bldg
Reynolds A. W., Majestic bldg
Robertson Guy B., Majestic bldg
Robson F. C., 1818 Albion
Roeschlaub & Fuller, Foster bldg
Varian & Varian, Gas & Elec. bldg
Westfall W. J., Colorado bldg
Williamson Geo. H., Majestic bldg
Willison Robert, E. & C. bldg
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FORT COLLINS—Fuller M. W.
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MONTROSE—Antrobus John H.
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PUEBLO—Cooper Francis W.
Gile J. M.
Roe Geo. W.
Stickney W. W.
SALIDA—Paxson J. S.
TRINIDAD—Rapp I. H. & W. M. & Hendrickson A. C.

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Baron Carol F., 1365 Pembroke
Beardsley C. T., 601 Colorado av
Beckwith F. H., P. O. Arcade
Bridge Lucius L., 1024 Main
Briggs W. R., Security bldg
Caldwell Edward B. Jr., First Bridgeport Bk. bldg
Cooper F. A., Conn. Nat'l Bank bldg
Davis & Dane, 1024 Main
Doehrer Bernhardt, 15 Fairfield av
Haynes L., 83 Fairfield av
Kelley Thos. F., 107 Wall
Meloy A. S., P. O. Arcade
Northrop Jos. W., Court Ex. bldg
Rubino A. Francis, Warner bldg
Schmidt William 1188 Main
Skinner & Walker, 1188 Main
Southey Ernest G., 983 Broad
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Allen Isaac A., Jr., 904 Main
Barker Russell F., 43 Ann
Berenson & Moses, 904 Main
Boker Raymond F., 904 Main
Bungalow Construction Co. (& Bldrs), 1026 Main
Clark Burton S., 747 Main
Collins Horace B., Lewis & Gold
Davis & Brooks, cor Lewis & Gold
Ellis A. Raymond, 36 Pearl
Guerriero Daniel A., 647 Main
Hapgood Edw. T., 36 Pearl
Johnson & Burns, 26 State
Keller Geo., 274 Main
Marchant Wm. T., 36 Pearl
Marchetti J. E., 756 Main
Ruddell Geo. B., 721 Main
Scoville William H., 720 Main
Sellew B. A., 756 Main
Smith & Bassette, 36 Pearl
Stone E. M., 327 Trumbull
Walz F. C., 118 Asylum
Waterman Francis E., 36 Pearl
Whitmore Chas. O., 75 Pratt
Whiton & McMahon, 36 Pearl
Zunner Geo., 756 Main
MERIDEN—Bloomfield David
Donovan Walter A.
McLaughlin Wm. F.
Orr & Booth
MIDDLETOWN—Griswold Geo.
Kieft Charles, 9 Pike pl
MYSTIC—Rathbone John S.
NAUGATUCK—Clark F. Alton
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Crabtree Walter P.
McCarthy John J.
Oldershaw F. H. & L. A.
Palmer Clarence C.
Slater Frank
Sundstrom, David L.
Unkelbach & Perry
NEW CANAAN—Elwood Robt.
NEW HAVEN—Allen Wm. H., 82 Church
Brown Frank E., 47 Orange
Brown & Von Beren, 185 Church
Cannici Harry S., 818 Chapel
D'Avino & Marchetti 42 Church
Doherty Timothy F., 347 Poplar
Fabian Robert W., 33 Eld
Foote R. W., 185 Church
Fulton George, Jr., 191 Church
Griffiths Harry, 151 Butler
Joy Chas. E., 185 Church
Julianelle & Abramowitz, 42 Church
Loth Herman W., 506 Newhall
Nichols Geo., 34 Lynwood pl.
Palmer C. S., 191 Church
Richards B. F., 65 Main
Robinson Leoni W., 42 Church
Schulz Carl, 67 Gregory
Sellers Philip (Mill Arch. & Engr.), 207 Orange
Shiner & Appel, 185 Church
Townsend C. F., 129 Church
Weinstein Jacob, 6 Church
Williams Richard, 185 Church
NEW LONDON— Conway L. Eugene
Donnelly D. St. C.
Payne & Adams
Sweeney James
NEW MILFORD—Rowe Frank E.
NORWALK—(See South Norwalk)
NORWICH—Cudworth & Thompson
Hiscox Jas. A.
Pitcher Geo. E.
PUTNAM—Corbin E. M.
RIVERSIDE—Morse Geo. L.
ROCKVILLE—McCray J. Henry
SOUTH NORWALK—Bedient Ralph G.
Hoyt Dudley E.
Maring Herman
Minor Henry B.
Morehouse Ferris S.
Paddock A. N.
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STAMFORD—Anderson Clais
Emmens & Abbott
McRedmond, Wm. H.
Marvin Henry
Stadel G. & Co.
TORRINGTON—Hunt, Wm. E.
Rocheter Theodore Arnold
Waterbury Edwin H.
Workman Wilburn
WALLINGFORD—Becroft Wm. E.
WATERBURY—Bailey Chas. J., 63 Bank
Benedict E. E., 51 Leavenworth
Buckingham Jerome W., 136 Griggs
Freney & Jackson, 51 Leavenworth
Griggs Wilfred E., 111 W. Main
Ketchen-Wilder, 36 N Main
Peck Theo. B., 65 Bank
Smith Joseph T., 36 N Main
Tyler Clayton A., 95 Bank
Walsh Louis A., 51 Leavenworth
WEST HAVEN—Richards B. F., 65 Main
WILLIMANTIC—Sharpe A. R.

DELAWARE.

DOVER—Hirons J. A.
GEORGETOWN—Jones Charles R.
WILMINGTON—Brinckloe & Co., 5th & Shipley
Brown & Whiteside, Du Pont bldg
Cloud Newton H., 1802 Mt. Salem Lane
Crawford Leon W, Odd Fellows Hall
Hance Wallace E., 204 W 24th
Kennedy John J., Ford bldg
May Edward C., Du Pont bldg
Rhodes A. Edward, Masonic Temple
Rice Edw. L. Jr. Co., 815 Market
Rogers Laussat R., 911 Market
Thompson Jno. D., Jr., Ford bldg
Tindall Roscoe C., 914 Orange

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Boal Theodore Davis, 1712 H., N W
Brink E. P. & Son (& Builders), 817 11th, N. W.
Brooke Fred'k H., Telegraph bldg
Brown Glenn., 806 17th, N. W.
Brown Ward, 1725 H., N. W.
Buckingham Newell, Corcoran bldg
Clark Appleton P. Jr., 816 14th, N W
Cooley C. D. Co., 620 1st, N W
Cooper George S., 1313 N. Y. av, N W
Cooper Jas. E., Pope bldg
Cresson, William P., Dept. of State
Davis Wm. T., 813 14th, N W
Dean Edw. C., 1211 Conn. av, N W
De Sibour Jules H., Hibbs bldg
Dessez Leon E., 1421 F
Didden C. A. & Son, Corcoran bldg
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Donn & Deming, 808 17th, N W
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Raeder Henry, 20 W Jackson blvd
Randak Frank, 3401 W 26th
Rapp C. W. & G. L., 69 W Washington
Rawson Charles P., 21 E Van Buren
Rebori A. N., 30 N Michigan av
Reed Earl H. Jr., 139 N Clark
Renwick Edward A., Monroe bldg
Reynertson Theis J., 1937 N Crawford av
Rezny Jas. B., 2204 S Crawford av
Rich Harry T., 431 S Dearborn
Richards Henry H., 327 S La Salle
Riddle & Riddle, 122 S Michigan av
Rissman Maurice B., 122 S Michigan av
Roberts Eben E., 82 W Washington
Robertson David, 155 N Clark
Robinson Argyle E., 108 S La Salle
Rohm Jean Baptist & Son, 138 N La Salle
Ross Henry J., 6741 Sheridan rd
Rowe Linden P., 53 W Jackson blvd
Roy Franz, 9140 Commercial av
Runde Otto, 4831 Barry av
Russell Lewis E., 25 N Dearborn
Sandegren Andrew, 111 W Washington
Sandel Monroe R., 155 N Clark
Saxe Albert M., 64 E Van Buren
Saxe Ira C., 127 N. Dearborn
Schaffner Daniel J., Ashland blk
Scheller Jesse E., 4654 Cottage Grove av
Schlacks Henry J., 4306 Sheridan rd
Schmid Richard C., Metropolitan block
Schmidt Hugo, 7222 Oglesby av
Schmidt Richard E., Garden & Martin, 104 S Michigan av
Schock F. R., 21 N La Salle
Schoenfeldt Frank, 4058 W Madison
Schroeder John M., 35 N Dearborn
Schuberth Geo. F., 2551 Sheffield av
Schulze Wm., 2909 W North av
Schwartz Albert C., 6 N Clark
Seator Sinclair M., 35 N Dearborn
Seyfarth Robt. E., 134 S La Salle
Shattuck & Hussey, 19 S La Salle
Shaw Howard, 39 S State
Sierks Henry, 180 N Dearborn
Slovinec Jno., 4731 S Ashland av
Smith Robert S., 111 W Monroe
Smith Z. Erol, 5501 Prairie av
Somers E. S., 64 E Van Buren
Sorensen Chas. F., 3325 Fullerton av
Spencer N. S. & Son, 37 W Van Buren
Spencer & Powers, 10 S La Salle
Speyer & Speyer, 130 N 5th av
Spitzer Maurice, 5 N La Salle
Stanhope Leon E., 111 W. Monroe
Steuben Theodore, 1608 Belmont av
Stevens C. Whitney, 64 W Randolph
Stevens Harry E., Monadnock bldg.
Stone John R., 8 S Dearborn
Strandel Chas. A., 5 N La Salle
Strauch Moritz F., 1356 Diversey P'way
Sturges Howard P., 19 S La Salle
Sturm Meyer J. (Hospitals Exclusively), 116 S Michigan av
Sturnfield Chas. H., New Era bldg
Sullivan Louis H., 56 E Congress
Swern Perry W., 19 S La Salle
Taggart John A., 21 E Van Buren
Tallmadge & Watson, 189 W Madison
Teesdale Laurence V., 304 W 63rd
Temps Martin G., 226 S La Salle
Thain Charles C., 52 Vanderbilt av
Thisslew Chas., 783 Milwaukee av
Thomsen Fred'k W., 1949 Seminary av
Tilton John Neal, 228 S La Salle
Tocha Anton A., 1225 N. Ashland av
Tomlinson Henry W., 64 E Van Buren
Turbyfill David W. F., 4514 N Racine av
Turnbull Gilbert M. & Gray Frank B., 10 S La Salle
Uffendell Wm. G., 39 S. State
Urbanek Chas A., 1423 S Avers av
Urbain Leon F., 20 W Jackson blvd
Vade Louis H., 220 S Michigan av
Viehe-Naess Ivar, 64 E Van Buren
Vitzthum & Teich, 21 E Van Buren
Von Holst & Fyfe, 72 W Adams
Wach E. F., 11 S La Salle
Walker Frank Chase, 20 N Jackson blvd
Walker Fred. C., 4712 Beacon
Walker Wm. E., 30 N Michigan av
Walter N. Mead, 127 N Dearborn
Warren W. A., 10 S La Salle
Waterbury Chas. D., 64 E Van Buren
Waterman Harry H., 10 S La Salle
Weary Chas. A., 167 W Washington
Webber Peter J., 343 S Dearborn
Weber Alfred P., Conway bldg
Westerlind C., 111 W Washington
Wheeler Chas. F., 4736 Irving Park blvd
Wheelock & Shank, Schiller bldg
White Chas. E. Jr., 343 S Dearborn
Whitney Wm. P., Peoples' Gas bldg
Wight Peter B., 1225 E. 47th
Wilkowski Jos. A., 2010 Milwaukee av
Williamson Wm. G., 19 S La Salle
Wilmanns August C., 35 S Dearborn
Wilson Horatio R. & Co., 11 S La Salle
Wing Thos. W., 115 S Dearborn
Winkel Benno J., 64 W. Randolph
Winslow Benj. E., 2617 N Richmond
Wittekind Henry, 1547 Jarvis av
Woerner Adolph, 3166 Lincoln av
Woltersdorf Arthur F., 138 N La Salle
Woodyatt Ernest, 155 N Clark
Worthman & Steinbach, 155 N Clark
Wright Clark C., 122 S Michigan av
Wuehrmann Wm. G., 6954 Yale av
York John D., 332 S. Michigan av
Youngberg John E., 30 N Dearborn
Zidek Jos., 4021 W North av
Zimmerman W. Carbys, 64 E Van Buren
Zimmermann Albert G., 10 S La Salle
Zimmermann Hugo H., 111 W. Monroe
Zimmerman Ralph W., 64 E Van Buren
Zippwald Otto P., 140 Dearborn

COLLINSVILLE—Eberhardt Henry W.
DANVILLE—Garrett Urias E.
Lewis & Dougherty
Liese & Ludwick
McCoy & Skadden
Stuebe Leon F. W.
DECATUR—Aschauer Waggoner
Brooks & Bramhall
McNabb Wm. O.
Patterson Melville G.
Rosen R. O., Powers bldg
Scribbins John A.
Waggoner A. M.
DIXON—Vail Morrison H.
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EAST ST. LOUIS—Frankel Albert B.
Kennedy Jno. W., Cohokie bldg
Mueller & Brockmeyer, Arcade bldg
Pfeiffenberger L. & Son, Main & Division
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Pauly Charles
ELGIN—Abell Ralph E.
Morris G. E.
Postle David E.
EVANSTON—Blake Edgar O., 621 Davis
Woodyatt Ernest, 619 Colfax
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Karbach Chas., 7229 Madison
FORT SHERIDAN—Rice Josiah L.
FREEPORT—Dustman Urias M.
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Beadle J. Grant
GENESEO—Okeberg Jno. V.
GRANITE CITY—Pauly, Chas. & Son
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Pierson J. K. C.
JOLIET—Cowell Herbert, 1 Jefferson
Hoen Rudolph G., Joliet Nat'l Bank bldg
Wallace Charles L., 227 Jefferson
Wallace Elizabeth B., 227 Jefferson
Webster Chas. Woods, Cutting bldg
KANKAKEE—Henry Chas. D.
KEWANEE—Heaps S. Leroy
LA GRANGE—Krauch Walter T.
LA SALLE—Matteson Victor Andre, Music Hall bldg
LAKE FOREST—Jones Fred'k W.
LINCOLN—Deal & Ginzel
MACOMB—Fuhr Jno. H.
Holmes Willis B.
MOLINE—Eckerman Oscar A.
Eckland Henry
Schulzke Wm. H.
Whitsitt H. W.
MORGAN PARK—Blood L. A., 2246 Morgan av
MOUNT MORRIS—Buser Nathaniel E.
MOUNT VERNON—Atkinson, W. H.
MURPHYSBORO—Gill R. Z.
OAK PARK—Bragstad J. W., 726 S Ridgland av
Ellis Frank M., 801 S blvd
Fiddelke H. G., Parkside bldg
Harned Henry P., 231 Wisconsin av
Hoffman H. Curtis, Shiller bldg
Racine Lewis, 806 Congress
Randolph S. M., Parkside bldg
Van Bergen, Jno. S., Caldwell bldg
OTTAWA—Hanifen H. John
Richardson Jason F., Jr.
PEORIA—Davis Geo. H., 411 Perry av
Day Warren W., 527 Main
Hercules J. W., 308 Sherman av
Hewitt & Emerson, 321 Main
Hotchkiss & Harris, 229 S. Jefferson av
Hulsebus Bernhard L., Jefferson bldg
Jobst Valentine, 511 N Madison
Kiefer Albert, Jefferson bldg
King John F. Jr., Central Nat. Bk. bldg
Klein Fred'k J., Anheuser-Neil bldg
Koch Henry A., Rehfuss bldg
Reeves & Baillie, Jefferson bldg
Traeger Chas W., 107 Hurlburt
Whitmeyer & Chaffee, 204 S. Glenwood av
PERU—Wachter Henry F.
PONTIAC—Young Richard A.
QUINCY—Batschy Jno., Wells bldg
Behrensmeyer George P., 403½ Main
Chatten Harvey, Wells bldg
Geise Martin J., 800 Main
Ledebrink Fred C., 615¼ Hampshire
Wood Ernest M., 126 N 8th
ROCKFORD—Bradley Chas. W., Brown bldg
Carpenter F. A., Brown bldg
Peterson & Johnson, Swedish-Am. Bank bldg
ROCK ISLAND—Cervin & Horn
McLane Cyrus D.
Stauduhar Geo. P.
ROGERS PARK—Melin Chas. W., 1302 Columbia av
SANDWICH—Howison Charles
SPRINGFIELD—Bullard & Bullard, Unity bldg
Conway Wm. H., 104 East Side sq
Hamilton Frank H., City Hall
Hanes Saumel J. & Son, 205½ S 6th
Helmle George H., Ferguson bldg
Reiger Harry J., Ridgely Nat'l Bank bldg
Rinaker Jno. I., Ridgely Bank bldg
STERLING—Ecklund, Fugard & Knapp
Van Horne Philip T.
STOCKTON—Goodmiller Preston V.
STREATOR—Allen A. W.
Foster Wm. G.
TOLEDO—Ash Percy, University of Ill.
Curtis N. C., University of Ill.
Hanker Chas.
URBANA—Maxwell Wymer W.
Royer Jos. W., Flatiron bldg
White Jas. M., (Supvg. Archt. Univ. of Ill.), Administration bldg
WHEATON—Salisbury Robt. H.
WILMETTE—Rae Robt., Jr.
Wood Jas. M.

INDIANA.

ANDERSON—Meckel Jno.
Watkins Ernest R.
BEDFORD—Pritchett Milton C.
BERNE—Bagley Abraham
BLOOMINGTON—Doeppers E. C. & Co.
Nichols John Lincoln
BRAZIL—Johnson M. H., Jr.
CLINTON—Thomas C. M.
COLUMBUS—Clevenger C. R. & Co.
Crowe R. B.
CONNERSVILLE—Griffin H. M.
La Fayette Conwell
CRAWFORDSVILLE—Griffith Geo. T.
DECATUR—Christen Chas.
Hoffman Oscar
EAST CHICAGO—Wiley M. Clifford
ELKHART—Elwood A. H. & Son
Turnock E. Hill
ELWOOD—Risinger W. A.
EVANSVILLE—Boyle Harry E. & Co.
Capelle A. J., Woods bldg
Gilbert, Fabian & Brentano, Furniture bldg
Karges H. Gilbert, Furniture bldg
Metzner Louis L., 714 E Penna.
Russ Wm. E., Furniture bldg
Schlotter Frank J., 113½ Upper 4th
Shopbell Clifford & Co., Furniture bldg
Thurgood C. L. (& Engineer), 410 Main

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Aurentz-Raymond J., 1206 Hugh
Bell W. E., Shoaff bldg
Church & Coover, Shoaff bldg
Fair Perry W., Bass blk
Griffith & Fair, 505-6 Bass block
Griffith & Goodrich, No. Am. bldg
King Jno. F., Bank blk
Mahurin & Mahurin, Riegel bldg
Meyer Henry W., Old Nat'l Bank bldg
Riedel J. M. E., Schmitz blk
Tolan B. S., 1206 Hugh
Weatherhogg Chas. R., Hamilton Nat'l B'k bldg
Wing J. F., Pixley-Long bldg
FRANKFORT—Collins O. C. & Co.
GARY—Erickson Herbert
Hammons J. E. & Son
Hiner Lewis E.
James S. H.
Verplank J. J.
Wickes A. F.
HAMMOND—Berry, Addison C. & Co.
Hutton Jos. T. & Son
Thomson & Graves
Turner Mac
HUNTINGTON—Brineman M. D.
Gierhart J. B.
INDIANA HARBOR—Cornwell Fay D.
Tredwell & Kraft
INDIANAPOLIS—Albersmeier Wm. H., Rauh bldg
Allen Layton, Lombard bldg
Bacon Chas. E., Merchants Bank bldg
Bass Herbert L., Hume-Mansur bldg
Bates Chas. E., Hume-Mansur bldg
Bedell Geo. V., Law bldg
Bohlen Oscar D., Majestic bldg
Brossmann Chas., Merchants Bank bldg
Brown W. H., 843 N Meridian
Brubaker & Stern, Aetna bldg
Byfield Chas. H., Law bldg
Cannon Fermor S. Co., Railroadmen's Savings bldg
Carr Merrett L., Meyer-Kiser Bank bldg
Daggett R. P. & Co., Lemcke Annex
Dark Stephen C., 159 E Market
Dean W. J., Merchants Bk. bldg
Dunlap Elmer E., State Life bldg
Eldridge Wm K., Board of Trade bldg
Foltz Herbert W., Lemcke Annex
French Rollin E., 1026 Kentucky av
Frfeijs Chas. T., Farmers Trust bldg
Garns W. H., Fletcher Trust bldg
George, MacLucas & Fitton, Lemcke annex
Gordon Geo. W., Law bldg
Graham & Hill, Hume-Mansur bldg
Grindle Alf., Board of Trade bldg
Grootenboer R. H., Castle Hall
Harrison Merrit, Bd. of Trade bldg
Hastings Samuel A., Farmers' Trust bldg
Hice Harry M., State Life bldg
Hoagland Geo. E., 32 Spencer av
Hunter Frank B., State Life bldg
Johnson & Holloway, State Life bldg
Kopf J. Edwin, Lemcke Annex
Krauss W. K., Law bldg
Lents Walter T., 4942 University av
McGuire & Shook, Indiana Pythian bldg
Martindale Clarence, Fletcher Trust bldg
Miller Harry E., Law bldg
Moore W. Scott & Co., Public Savings bldg
Morck Wm. O., Lombard bldg
Morris Chas. O., Lombard bldg
Parker Wilson B., Board of Trade bldg
Rubush & Hunter, Amer. Cent. Life bldg
Russ W. E., Merchants Bank bldg
Schellschmidt Alvin B., 215 E 34th
Scherer Adolf, Indiana Trust bldg
Sturges Louis H., Board of Trade bldg
Van Arnam Marshall E., 131 S. Pennsylvania
Vonnegut & Bohn, Indiana Trust bldg
Wallick Frederick, Hume Mansur bldg
Warwick Fred L., 1151 Lemcke bldg
Winterrowd Thos. A., Am. Central Life bldg
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Dunlap Elmer E.
Honeywell A. A. Co. (Church)
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Young Robert L. & I. Russell
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Dietz H. Z.
Gault Edw E.
Kashner C. D. & Son
Nicol Chas. W.
LAPORTE—Allen Geo. W. & Son
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LOGANSPORT—Crain Jos. Horn
Horn Carl J.
MARION—Bowstead Henry G.
Elder Hiram
French Burt L.
Plato Samuel
MICHIGAN CITY—Ahlgrim F. H.
MISHAWAKA—Brubaker O. C.
MONTICELLO—Young Sam'l
MUNCIE—Houck Chas. H.
Kibelee Cuno
Thompson, M. G.
NAPPANEE—Frazier Henry F.
NEW CASTLE—Taylor Chas. W.
PERU—Fike H. P. & Co.
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Hasecoster J. A., 2nd Nat. Bk. bldg
Higgs J. Ed., 910 N 10th
Hodge Omar, 1016 Main
Mansfield Geo. W., 906 Main
Mueller & Werking, 17½ N 9th
Yates Stephen O., 1521½ N. D.
SEYMOUR—Hall Robt. H.
SOUTH BEND—Austin Ennis R., J. M. S. bldg
Freyermuth & Maurer, Warner bldg
Schneider Walter W., 120 So. Main
Young Ernest W., Dean bldg
SYRACUSE—Kingsley W. M.
TERRE HAUTE—Floyd W. H., 656 Wabash av
Gibbons Robt. E., 1116 N 9th
Johnson & Miller, 105 S 7th
Koerner Robert A., 681 Ohio
Leonard Rodney W., Rea bldg
Scott Charles E., Grand Opera House
Self James E., Grand Opera House
Shourds, McCormick-Cushman Co., Tribune bldg
Vrydagh J. G., 10 N 6th
Vrydagh Robt. T., McKeen blk
TIPTON—Porter S. J.
UNION CITY—Losch C. E.
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Snader D. L.
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Gaddis John W.
Osterhage Louis H.
WABASH—Stewart Wm.
WARSAW—Craig Samuel A.

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Weibley Wm. F.
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CARSON—Weeks, O. B.
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Gardner John M., Granby bldg
Hunter Harry Edgar, Security bldg
Ingold Unit System Co., 600 S 1st W
Josselyn & Taylor Co., C. R. Sav. bldg
McMinds I. F., Security bldg
Mayberry R. R., Granby bldg
Richards D. W., 215 S 2d
Taylor Eugene H., 222 S 3rd
Tuttle J. F., 1311 B av
Zalesky C. B.
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CHARLES CITY—Nosser J. J.
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CLINTON—Ladehoff & Sohn
Morrell John & Son
Work N. P.
CONRAD—Gier E. F.
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Jensen J. Chris.
Schneider Henry J.
Woodward Jno. C.
CRESTON—Yule & Waldo
DAVENPORT—Burrows Parke T., McManus bldg
Clausen H. J., Central Office bldg
Ebeling Arthur H., Security bldg
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Holbrook Erwin G., Whitaker bldg
Kruse Walter O., Esq.
Temple Seth J., McManus bldg
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DES MOINES—Barton W. C., Hubbell bldg
Clark Morton, 3118 1st
Denman C. K., Hippee bldg
Eastman C. E., Observatory bldg
Keffer & Jones, Youngerman bldg
Kell Otto, Davidson bldg
Kraetsch & Kraetsch, Securities bldg
Liebbe, Nourse & Rasmussen, Utica bldg
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O'Connor John, 216½ 6th av
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Sawyer & Watrous, Hippee bldg
Throne H. E., Hubbell bldg
Vorse Norman, S. & L. bldg
Watrous Charles A., Esq., Watrous bldg
Wetherell Frank E., Youngerman bldg
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Bush Charles T., 825 Julien av
Carkeek Thos. T., Lincoln bldg
Heer Frid J., Jr., 235 8th
Saam Karl F., Security bldg
Vanderveer John
Webster James
ESTHERVILLE—Cox Jas. S.
Jeffries A. H.
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Bradford J. W.
Damon E. O., Jr.
Nippell Max
Reely T. W.
Wilhjelm F. L.
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Reimer & Herlin
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Trafzer J. W.
MUSCATINE—Zeidler H. W.
OSAGE—Stoughton G. A.
OSKALOOSA—Burdick A. W.
Sinclair S. B.
OTTUMWA—Eaton A. A.
Kerns Geo. M., Corn Club bldg
Koch Ernest, Hoffman blk
SIGOURNEY—Seger D. T.
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Bragstad Jos. W., Davidson bldg
Burkhead G. W., Iowa bldg
Colby F. E., Trimble bldg
Frogh Fred., Farmers' Ln. & Tr. Bldg
Steele Wm. L., United Bank Bldg
Whiteway Wm. I., 912 6th
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Unger & Park
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Cleveland Mortimer B.
Ralston J. G.
Shockley Clinton P.
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WEBSTER CITY—White J. R.

KANSAS.

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CHANUTE—Pratt J. W.
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Goldsmith Goldwin, 306 Marvin Hall, University of Kansas
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McPHERSON—Skiff J. H.
MANHATTAN—Baker Cecil Frank, Kansas State Agric. College
Winter H. B.
OTTAWA—Washburn Geo. P. & Son
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Munn G. J.

SALINA—Hudson A. K.
Smith C. A.
Wilmarth & Zerbe (& Structural Engrs.)
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Gamble R. L.
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Marshall Joseph, 1601 West
Nielsen N. P., 810 W. 7th
Squires Frank C., 628 Kansas av
Stanton Jno. F., 835 Kansas av
Williamson T. W., Central Bk. bldg
Wood L. M., 629 Kansas av
WICHITA—Bond S. G., 227 E. Douglas av
Cassidy L. M., 1343 N Waco av
Charles U. G., Schweiter bldg
Conrow H. S., Schweiter bldg
Crowell & Van Meter, Caldwell-Murdock bldg
Culver W. W., Butts bldg
McCune F. G., Winne bldg
Markgraf & Mampe, Benson bldg
Rixse & Simmon, Walters bldg
Schmidt Lorentz, 126 N Market
Street N. V., 403 N Volutsia av
Terry C. W., Michigan bldg
Voigt S. S., Fourth Nat'l bldg
WINFIELD—Fuller J. N. Co.
Ross I. R.

KENTUCKY.

ASHLAND—King J. M.
BARDSTOWN—Stanley O.
BOWLING GREEN—Fleenor C. M.
COVINGTON—Hildreth & Beekman, 2018 Scott
House C. W. & Sons (& Builders)
Schofield Geo. W., 1st Nat. Bk. bldg
Wisenall Bernard T., 1st Nat. Bk. bldg
CYTHIANA—Stevens Joseph R. & Co.
DANVILLE—Van Dalsem W. S.
FT. THOMAS—Weber John R.
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FULTON—Spradlin W. H.
HENDERSON—Trible E. S.
HOPKINSVILLE—Gatlin W. R. (Specialty: Theatres)
Long James Lee
Waller John T.
JUNCTION CITY—Turnbull C. D.
LEXINGTON—Anderson & Frankel
Geretz Martin
Kenendy Jesse F.
Manley F. J.
Moore John V.
Stamler E.
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Collins Val. P., Paul Jones bldg
Curtin C. A., Columbia bldg
Davis Brinton B., Inter-Southern bldg
Erhart Fred, Norton bldg
Gaffney J. J., 437 S. 2d
Hallenberg Adolph, Keller bldg
Hartman Julius, Esq., Todd bldg
Hawes Henry F., Urban bldg
Hillerich E. Walter, 725 S. 24th
Hutchings E. T., Columbia bldg
Joseph & Joseph, Atlantic bldg
Korell, Emil, 1234 S. Preston
Loomis & Hartman, Todd bldg
Maury Mason, Board of Trade bldg
Meyer & Brenner, Paul Jones bldg
Murphy D. X. & Bro., Louisville Tr. bldg
Murphy J. C., Louisville Tr. bldg
Nevin H. L., Starks bldg
Nolan Thos. J., Courier-Journal bldg
Reuter O. P., 105 S. 5th
Smith & Otis, Norton bldg
Tafel A. G., Coleman bldg
Thomas Jno. H., Keller bldg
Tyler W. C., Lincoln bldg
Ward & Glossop, Lincoln Bank bldg
Wischmeyer Hermann, Starks bldg
Wolters Henry, Board of Trade bldg
LUDLOW—Griffith Henry C.
Purcell Wm. R.
MOUNT STERLING—Williams E. L.
NEWPORT—Beiting Edward, 411 W 10th
Glick Jacob, 112 E 6th
Raabe Lawrence, 111 E 7th
Vogel Chas., 133 16th
Ware Randolph F., 407 York
Wilson Louis H., 10 W. 4th
OWENSBORO—Killian A.
Kimberlin C. W.
Whitehead John W.
PADUCAH—Brainerd Wm. L.
Lassiter A. L. & Bro.
RICHMOND—Forbes H. deB.
SHELBYVILLE—Gruber & Doss
WINCHESTER—Crone J. W.

LOUISIANA.

ALEXANDRIA—Duncan Herman John, Medical bldg
Yaeger C. Scott
BATON ROUGE—Charlton Chas. H., Jr.
COLFAX—Carver Joe
LAKE CHARLES—Carter Ira Calvin
Phillips E. W.
MONROE—Smith J. W.
MORGAN CITY—Ghirardi P. B.
NEW IBERIA—Phillips E. W.
NEW ORLEANS—Andry Paul, 510 Tulane Newcomb
Armstrong, Charles R., Denegre bldg
Baccich & de Montluzin, Maison Blanche bldg
Bear Albert G., 316 Baronne
Bernard Jos., Esq., Title Guarantee bldg
Boh Arthur P. (& Builder), 303 Carondelet
Brandner Jos. T., 235 N Broad
Brune T., 922 Gravier
Burk Wm. R., Hicks bldg
Burton & Bendernagel, Audubon bldg
Case Chas. W., 832 Felicity
Charlton J. F., 730 Gravier
Churchill Frank G., Hennen bldg
Cothran John R., 403 Carondelet
De Buys Rathbone, Hibernia bldg
Del'Isle Sidney G., 337 Carondelet
Diboll & Owen, Ltd., Interstate bldg
Favrot & Livaudais, Perrin bldg
Fromherz & Drennan (& Builders), Q. & C. bldg
Fulham W. F., 2130 Berlin
Geary Walter N. (& Builder), 7528 Commercial
Goldstein Moise H., Title Guarantee bldg
Hay Alex., 127 Carondelet
Jones & Roessle, Maison Blanche bldg
Kaiser Wm. P., 313 Carondelet
Keenan Walter C., 824 Gravier
Koch Julius (& Builder), 219 Carondelet
Kohlman Nathan, Godchaux bldg
Krumbhaar W. B., 618 South
Labouisse S. S., 730 Gravier
Lagarde Jos. J., Hennen bldg
Livaudais L. A., Title Guarantee bldg
Lynne Sheldon (& Builder), 2915 Verbena
MacDonnell Francis J., Hennen bldg
MacKenzie H. Jordan, 827 Gravier
Mohr Oscar P., Macheca bldg
Nelson A. J., L. & L. & G. bldg
Nolan & Torre, Hennen bldg
Owen Allison, Inter-State bldg
Raymond Harold, Interstate bldg
Reynes E. M., 316 Baronne
Robelot A. N., Tulane-Newcomb bldg
Rosenthal & Grosz, 219 Carondelet
Selfe James E., Godchaux bldg
Shepard Martin, Perrin bldg
Smith A. L., 228 S Hennessy
Soule R. Spencer, Hennen bldg
Sporl Edward F., 606 Commercial pl
Stevens W. L., Whitney bldg
Stone Samuel, Jr., L & L & G bldg
Sully Thomas, 7 Richmond pl
Theard & Reilly, Perrin bldg
Toledano Wogan & Bernard, Perrin bldg
Weil Emile, Whitney-Central bldg
Weiss Leon C., Maison Blanche bldg
Williams C. Milo, Hennen bldg
Wogan Victor, Esq., Title Guarantee bldg
SHREVEPORT—Annan J. P., Com'l Bank bldg
Armstrong A. J., 516½ Market
George E. A., American Nat'l Bank bldg
Huff Chas. B., 1715 Park av
King Clarence W., 1st Nat'l Bank bldg
Lack F. T. & Son, Ward bldg
Neild E. F., Commercial Bank bldg
Olschner C. E., Com'l Nat'l Bk bldg
Owens Chas. W., Com. Nat. Bank bldg
Snyder John Young, 1st Nat'l Bank bldg

MAINE.

AUGUSTA—Bunker Wm. G.
BANGOR—Crowell C. Parker
Hodgins Victor
Mansur Wilfred E.
Patterson Fred'k A.
BAR HARBOR—Savage F. L.
Stratton Milton W.
BERWICK—Slater Forest E.
BLAINE—Beals W. A.
BLUE HILL—Hinckley W. R.
BOOTHBAY—Adams P. D.
Blair J. H.
CAMDEN—Brown Cyrus P.
Greenlaw A.
Moody A. M.
Ritterbush S. G.
Schwartz W. E.
DEXTER—Dexter H. P.
Young Fred M.
EAST MACHIAS—Bogue Geo. P.
GARDINER—Richards Henry
KENNEBUNK—Barry Wm. E.
LEWISTON—Coombs & Ash
Coombs Harry S.
Gibbs & Pulsifer
LIMERICK—Boynton Chas. E. (& bldr)
MADISON—Humphreys C. S.
PORTLAND—Burnham Geo. & Higgins, 120 Exchange
Churchill Frank M., 536a Congress
Fassett E. F., 95 Exchange
Lancaster & Libby, 11 Exchange
Miller & Mayo, 465 Congress
Pease Austin W., Fidelity bldg
Stevens John Calvin, 187 Middle
Stevens John Howard, 187 Middle
Tompson Fred'k A., Y. M. C. A. bldg
Wish Harold H., 102 Exchange
STONINGTON—Seekins R.
Smith H. B.
WATERVILLE—Knapp Herbert E.
Patterson Frederick A.
WAYNE—Norton Chas. L.
YARMOUTHVILLE—Merrill, F. B.

MARYLAND.

ANNAPOLIS—Armstrong Joseph M.
Cooper P. B.
Hunter R. Malcolm
BALTIMORE—Anderson Chas. M., 324 N Charles
Archer & Allen, Central Savings Bank bldg
Baldwin & Pennington, Professional bldg
Beall Fred. E., 306 St. Paul
Blikel Henry F., 3810 Eastern av
Blanke & Zink, Equitable bldg
Buckler Riggin, 11 E Pleasant
Callis Geo. R., Jr., Knickerbocker bldg
Callis & Callis, 2055 Kennedy av
Carroll T. Geo., Franklin bldg
Crisp Herbert G., 2709 St. Paul
Edmunds Jas. R., Jr., 12 E Pleasant
Ellicott & Emmart, Union Trust bldg
Emory & Nussear, Professional bldg
Fenhagen George C., 11 East Pleasant
Forrest A. Lowther, Professional bldg
Forsythe John R., 232 St. Paul
Fowler Lawrence H., 347 N Charles
Frank Benjamin, 328 N Charles
Frederick George A., Hotel Sherwood, Monument
Freund John, 11 E. Lexington
Friz Clyde N., Munsey bldg
Gieske Walter M., Gunther bldg
Gilmour G. R. Howard, 2415 Guilford av
Glidden Edw. H., Maryland Casualty Tower
Harris Robt. L., 2027 Kennedy av
Haskell & Barnes, 301 N Charles
Horn Carl A., 1035 Myrtle av
Jury Herbert G., Continental bldg
Kavanagh Hugh I., 226 E Eager
Lacchi Primo 146 N Potomac
Laferty J. E., 11 E Pleasant
Lamdin Wm. D., 11 E Pleasant
Leach Alfred C., 323 N Charles
Levi Louis, Continental bldg
Long M. A., B & O R bldg
Machen Thos. G., Fidelity bldg
Mottu & Whyte, 322 N Charles
Moxley J. E. Jr., 3411 Fairview av
Nolting Wm. C., Keyser bldg
Nelker J. Franklin, Professional bldg
Owens & Sisco, Continental bldg
Owings Thomas B., 347 N Charles
Palmer Edw. L., Jr., 513 N Charles
Parker, Thomas & Rice, Union Trust bldg
Pennington Josias, 330 N Charles
Pietsch, Theodore W., American bldg
Russell Stanislaus, 2900 Clifton av
Russell Wilson Raymond, 100 E Lexington
Sill Buckler & Fenhagen, 11 E Pleasant
Sill Howard, Md. Casualty bldg
Simonson Otto G., Md. Casualty Tower
Smith Layton F., 513 N Charles
Smith & May, Calvert bldg
Sparklin & Childs (Con. Engr.), Law bldg

MARYLAND—Baltimore—continued
Sperry Joseph E., Calvert bldg
Stack Jno. K., 12 E Lexington
Stone Wm. F. Jr., Knickerbocker bldg
Strom Wm., 1917 Park av
Taylor R. E. Lee, Union Trust bldg
Thomas Frederick, Gunther bldg
Tormey Francis E., 813 Newington av
Turnbull Bayard, 328 N Charles
White Henry S. T., 322 N Charles
White Wm. A., 1030 N Gilmor
Wight Oliver B., Munsey bldg
Willis J. Swing, 513 N Charles
Wilson J. Appleton, Law bldg
Worthington Geo., Keyser bldg
Wyatt & Nolting, Keyser bldg
CATONSVILLE—Ehlers Wm. H.
CUMBERLAND—Butler Wright
Sansbury Geo. F.
EASTON—Brinkloe Wm. Draper
FREDERICK—Grange Garrett S. de
Kepner & Smith
Smith Wilsom P
HAGERSTOWN—Klinkhart A. J.
Mack & Kountz
Yessler Harry E.
PIKESVILLE—Watts Albert S.
POCOMOKE CITY—Stevenson R. M.
ROCKVILLE—Groomes Thos. C.
ST. MICHAELS—Dodson H. C., Jr.
SALISBURY—Mitchell T. C.
Radcliffe & Gaskill
WESTMINSTER—Case Paul

MASSACHUSETTS.

ATTLEBORO—Higgins Olstin M.
BEVERLY—Alden Henry B.
Clark Chester N.
Grush Charles E. (Consulting)
Harmon William H. & Son (& Builder)
Sponholtz Carl L.
Swan George
BOSTON (including Dorchester, Hyde Park & Roxbury)—Adden & Parker, 12 Bosworth
Alden Henry B., 15 Exchange
Allen Gordon, 2 West
Allen & Collens, 40 Central
Ames John W., 15 Exchange
Andrews, Jacques & Rantoul, 50 Congress
Andrews W. H., 101 Tremont
Appleton W. Cornell, Exch bldg
Atherton Walter, 15 Exchange
Atwood Harrison H., (Dorchester)
Austin W. D., School
Avery Philip S., 185 Devonshire
Bacon Lewis H., 50 Bromfield
Bacon Willard M., 27 Kilby
Bailey Elmer Smith, 33 Cornhill
Bailey Robert M., 15 Beacon
Baker Charles M., 67 Milk
Baker & Parker, Equitable bldg
Baker Moses E., 73 Newbury
Bartlett C. H., 580 Mass. av
Bateman C. J., 293 Washington
Beal J. William, 62 Summer
Bellows & Aldrich, 8 Beacon
Benton E. R., 67 Milk
Berry & Davidson, 29 Central
Besarick J. H., 124 Norfolk av (Roxbury)
Besarick Wm. H., 15 School
Bigelow & Wadsworth, 3 Hamilton pl
Bixby Curtis W., 8 Beacon
Blackall, Clapp & Whittemore, 20 Beacon
Blaikie Edwin K., 67 Milk
Bodwell Albert E., 18 Tremont
Bonham Edward, 141 Milk
Boone Allan E., 112 Water
Boston Society of Architects, 16 Somerset
Bosworth Geo. F., 112 Water
Bourne Frank A., 70 Kilby
Bowditch Arthur H., 44 Bromfield
Boyden Ernest N., 85 Water
Brainerd & Leeds, 89 Franklin
Brigham, Coveney & Bisbee, 184 Boylston
Brown Chas. A., 53 State
Brown Chester A., 15 Beacon
Brown Frank C., 9 Park
Brown Samuel J., 164 Federal
Brown Willard D., 45 Milk
Burk & Bottomley, 69 Canal
Campbell E. W., 5 Park Square
Carah Hedley V., 50 Oliver
Carpenter A. J., Jr., 39 Dunreath, (Rox.)
Chamberlain Julian I., 15 Beacon
Chandler Francis W., 195 Marlborough
Chandler H. S., 73 Newbury
Chapman E. R. B., 44 Bromfield
Chapman Wm., 15 Ashburton pl
Chapman & Frazer, 112 Water
Chase Wm. C., 8 Marlboro
Chickering Geo. W., 6 Beacon
Chisholm Henry, 90 Gladstone
Clark & Russell, 110 Tremont
Clapp James Ford, 20 Beacon
Cleveland & Godfrey, 15 Beacon
Codman Stephen, 27 Kilby
Codman & Despradelle, 27 Kilby
Cogswell Chas. N., Old South bldg
Coit Robert, 85 Water
Colby Herbert W., 46 Cornhill
Collett Wm. C., 50 Bromfield
Connor G. Prescott, 18 Dawson
Cook Geo. L. (Dorchester)
Coolidge & Carlson, 89 State
Coolidge & Shattuck, Ames bldg
Cooper Frank Irving Corp., 33 Cornhill
Couch Lester S., 70 Kilby
Cox Wm. H., 53 State
Craig John J., 53 State
Cram & Ferguson, 15 Beacon
Crosby G. Fred., 110 Tremont
Cummings C. K., 8 Beacon
Cutter Olin W., 683 Atlantic av
Darrow Alfred L., 8 Beacon
Densmore & Le Clear (& Engineers), 88 Broad
Derby & Robinson, 20 Beacon
Desmond & Lord, 15 Beacon
Dillaby Frank H., 101 Tremont
Dinsmoor Wm. W., 28 School
Dion Alfred O., 22 Park Vale av
Dodge Edwin S., 15 Exchange
Dow Albert H., 101 Tremont
Driver James, 27 State
Dudley Wm. N., 46 Cornhill
Duffie Harold R., 4 Robert (Roslindale)
Dunham Chas. B., 6 Beacon
Dykeman & Murray, 15 Exchange
Eskrigge Frank T., 17 Milk
Everett Arthur G., 266 Chestnut Hill av
Fernald Geo. Porter, 70 Kilby
Finneran Geo., City Hall Annex
Fisher, Ripley & Le Boutillier, 45 Bromfield
Fletcher H. B., 306 North Sta
Fockens R., 7 Water
Foss & Pevear, 71 Brimmer
Fowler J. Chandler, 34 School
Fowler J. Sumner, 19 Milk
Fox John A., 120 Tremont
Fox & Gale, 3 Park
Frazer Horace S., 112 Water
Frost Willard A., 50 Bromfield
Fuller Geo. A., 18 Tremont
Funk & Wilcox, 120 Boylston
Gay & Proctor, 50 Bromfield
Godfrey Chester N., 15 Beacon
Gowing Frederick H., 18 Tremont
Graham Edward T. P., 20 Beacon
Graves Harold S., 57 Mt. Vernon
Gray Ralph W., 19 Congress
Greco Charles R., 8 Beacon
Greenleaf L. C., 101 Tremont
Halden John C. (Renderer), 8 Beacon
Hall Albert G., 56 Linwood (Roxbury)
Hamilton Bradford, 263 Summer
Harding Wm. E. (Hyde Park)
Harlow Hamilton, 101 Tremont
Hartwell, Richardson & Driver, 27 State
Hasty John A., 46 Cornhill
Hathaway H. W., 6 Beacon
Haven H. M. & Crosby Wm. W., 40 Court
Haven & Hoyt, 220 Devonshire
Henderson Walter P., 144 Congress
Henry Ralph C., 12 West
Higgins Olstin M. (Hyde Park)
Hill Warren C., 93 Federal
Hiltz Harry B., 141 Milk
Hiltz & Janssen, 88 Broad
Holland Edw. S., 78 Devonshire
Howe Geo. B., 79 Milk
Howe Lois L. & Manning, 101 Tremont
Hoyle Alexander E., 15 Beacon
Hoyt Clarence P., 8 Beacon
Hoyt, Edward H., 220 Devonshire
Hughes Thos. R., 141 Milk
Hutchins & French, 6 Beacon
Hutchison Jas. G., 101 Tremont
Ingraham George Hunt, 2A Park
Jackson Allen W., Equitable bldg
Jackson Louis E., 8 Beacon
Jackson & Salomonson, 36 Bromzeld
Jacobs Geo. M., 6 Beacon
James Thos M., 185 Devonshire
Jenney Alexander S., 491 Boyton
Johnson Wm. L., 45 Bromfield
Joll Harry Dustin, 50 Bromfield
Jones I. Howland, 50 Congress
Kalman Max M., Old South bldg
Kelley James T., 57 Mt. Vernon
Kelley Samuel Dudley, 209 Wash'n
Kellogg Harold Field, 93 Federal
Kendall Frank A., 45 Bromfield
Kendall, Taylor & Co., 93 Federal
Keyes Henry F., 78 Devonshire
Kiesling Homer, 7 Water
Kilham & Hopkins, 9 Park
Kimball Herbert S. (Mill Archt.), 75 State
Krokyn J. Frederick, 44 Bromfield
Lamb Thos. W., 112 Water
Laurence Lewis M., 125 Tremont
Lawrence Wm. H., Mass. Inst. of Technology
Lawrence & Wambolt, 112 Water
Lee James S., 6 Beacon
Levy Samuel S., 35 Court
Lewis Edwin J., Jr., 9 Park
Lewis G. Wilton, 34 School
Lewis Wm. W., 15 Exchange
Little & Browne, 70 Kilby
Little & Russell, 45 Bromfield
Littlefield Walter T., 9 Hamilton pl
Lockwood, Greene & Co., 60 Federal
Longfellow A. W., Tremont bldg
Loring Alden C., 53 State
Loring & Leland, 7 Water
Loring & Phipps Exchange bldg
Loud Joseph Prince, 85 Water
Lowell Guy, 12 West
Luippold Jno. M., 89 Mozart
Luquer Lynch, 9 Cornhill
McClare & Boyd, 649 Mass. av
McClintock John T., 15 Exchange
McEwen Peter J., 15 Beacon
McFarland C. T. & Herbert, N Colby, 46 Cornhill
McGinniss Joseph, 16 Arlington
McGinty Wm. H., 101 Tremont
McGirr Edw. B., 6 Beacon
McLaughlin George S., 44 Bromfield
McLaughlin Jas. E., 88 Tremont
McLean W. H. & Henry, 110 Tremont
MacNaughton & Robinson, Paddock bldg
Maginnis & Walsh, 100 Boylston
Maher & Winchester, 8 Beacon
Mahony Fred W., 31 State
Maney Maurice H., 50 Bromfield
Martin & Freethy, 141 Milk
Maynard E. W., 226 Tremont
Mead Samuel W., Barristers Hall
Meade Johnson & McLaughlin, 44 Bromfield
Meade Maurice P., 44 Bromfield
Mears Henry A., 6 Beacon
Meserve Geo. N., 95 Milk
Minor Wesley L., 43 Tremont
Monks & Johnson (& Engrs.), 78 Devonshire
Morrison Wm. L., 70 Kilby
Morton & West, 10 High
Mowll Wm. L., Unity bldg
Murray James, 101 Tremont
Nevin Chas. K. B., 6 Beacon
Newhall & Blevins, 9 Park
Newton Geo. F., 6 Beacon
Nichols Edward, 70 Kilby
Nichols W. H., 120 Tremont
Noble Clinton, 67 Milk
Norcross F. A., 46 Cornhill
Norris F. Edgar, 12 West
O'Connell T. G., 18 Boylston
Orr Hugh, 88 Broad
Osborne & Moise, 15 Beacon
Page Samuel F., 52 Chauncy
Park Lawrence, 8 Beacon
Parker, Thomas & Rice, 110 State
Parker Wm. Stanley, 120 Boylston
Parsons G. E., 93 Federal
Patch Chas. E., 52 Kilby
Peabody & Stearns, 53 State
Peare & Quiner, 6 Beacon
Perkins Chas. Bruen, 140 Boylston
Perkins Harland A., 44 Bromfield
Perry William G., 19 Congress
Phillips Henry A., 120 Tremont
Pope Fred, 622 Tremont bldg
Powell Francis G., 111 Columbia rd, (Dor)
Powell Percival L., 201 Devonshire
Power Richard W., 30 Oakley
Prescott & Sidebottom, 12 Pearl
Prichard Edward H., 52 Chauncy
Proctor Benjamin Jr., 67 Milk
Purdon James, 8 Beacon
Putnam Eliot T., 18 Arlington
Putnam & Chandler, 18 Arlington
Putnam & Cox, 114 State
Ramsay H. M., 50 Bromfield
Ramsey Gilbert M., 730 Boylston
Rantin Samuel J., 1117 Columbus av
Rantoul W. G., 6 Beacon

Reed E. L., 20 Irwin av
Richards Wm. P., 112 Water
Richardson A. G., 9 Cornhill
Richardson, Barott & Richardson, 31 State
Richardson Wm. C., 27 State
Ritchie Jas H., 8 Beacon
Robinson Frank J., 44 Bromfield
Runyan Edwin S., 220 Devonshire
Russell C. A. & F. N., 50½ Warren, (Rox)
Russell H. B., 9 Park
Safford M. D., 259 Sumner
St. Clair S. W., 120 Boylston
Sargent T. M., 162 Tremont
Schwartz Jacob, 43 Tremont
Schweinfurth J. A., 53 State
Schwender Eugene, 161 Devonshire
Sears W. T., 70 Kilby
Shaw Thos. M., 15 Beacon
Sheehan T. Edw., Tremont bldg
Shepard Geo. F., 14 Kilby
Sidebottom G. H., 67 Milk
Silverman Engineering Co., 43 Tremont
Smith F. Patterson, 67 Milk
Smith Geo. L., 45 Bromfield
Smith Jno. J., Old South bldg
Smith O. F., 70 Kilby
Snow E. A., 18 Tremont
Somes & Parsons, 1 Beacon
Spofford John C., 15 Beacon
Spring Russell C., 185 Devonshire
Stearns Frederic Baldwin, 14 Kilby
Stebbins & Watkins, 164 Federal
Stevens Edw. F., 9 Park
Stewart Edmund T., 201 Devonshire
Stickney & Austin, 50 Bromfield
Stratton E. B., Equitable bldg
Strickland & Law, 68 Devonshire
Strout Geo. E., 99 Dexter av
Stuart Geo. P., 53 State
Sturgis R. Clipston, 120 Boylston
Sullivan Matthew, 100 Boylston
Sylvester Edmund Q., 8 Beacon
Taylor W. Hart, 50 Bromfield
Thayer O. A., 89 Franklin
Tirrell & Fournier, 44 Bromfield
Tobey Samuel E., 101 Milk
Turner Alfred C., 683 Atlantic av
Underwood H. T., 46 Cornhill
Untersee F. Joseph, 585 Boylston
Valenti Paul, 382 Riverway
Vaughan Henry, 20 Pemberton sq
Vinal Arthur H., 19 Milk
Wait & Copeland, 46 Cornhill
Wales Geo. C., 71 Kilby
Walker Ambrose, 9 Cornhill
Walker C. Howard, 71 Kilby
Wardner Herbert L., 60 Pemberton sq
Warren Clinton J., 185 Devonshire
Warren Harry E., 6 Beacon
Warren Lyman O., 112 Academy Hill rd
Warren & Gerrish (& Engineers), 53 State
Warren & Smith, Equitable bldg
Washburn G. Bertram, 6 Beacon
Wead, Frederick W., Tremont bldg
Wells & Dana, 29 Central
Wetherell Geo. H., 9 Park
Whitehouse L. A., 100 Boylston
Whittemore Charles A., 20 Beacon
Wigglesworth Victor H., 82 Chestnut
Will George C., Ames bldg
Wilson Edward I., 101 Tremont
Woodbury Daniel H., 53 State
Woodbury & Stuart, 53 State
Wright Albert H., 27 Kilby
Wright Alonzo D., 40 State
Wright Jas. Hayden, 8 Beacon

BROCKTON—Barlow W. F., Jr.
Falk Geo. L.
Jackson Willard F.
Olson Charles T.

BROOKLINE—Walsh Timothy, 135 St Paul
CAMBRIDGE—Bartlett C. H. 580 Mass av
Barton Howard H., Brattle bldg
Douglas Nathan, 307 Harvard
Frost Henry A., Brattle bldg
Humphreys John S., Esq., 24 Avon
Killam Chas. W. (Consulting), Harvard University
McClare & Boyd, 649 Massachusetts av
Moore George A., 44 Orchard
Stone James Hicks, 44 Brattle

CANTON—Capen G. W.
CENTERVILLE—Bearse Chester
CHELSEA—Brazillian James A.
Eisenberg S.
Noyes Frank A.
Taylor William Hart

CHESTNUT HILL—Putnam Wm. E., Jr., Spooner bldg
CHICOPEE—Dion Geo. P.
CHICOPEE FALLS—Fugere Geo. H., 67 Main
CLINTON—Thissell Horace A.
COHASSET—See Boston
DALTON—Tower D. H. (& Civil Engr.)
DANVERS—Wright G. H.
DORCHESTER—See Boston
EAST HAMPTON—Tremblay Samuel J., 21 High

EVERETT—Helrich Otto A.
Loring Alden C.
Wood Geo. H.

FAIRHAVEN—Bisbee Henry V.

FALL RIVER—Ashton Wm. S., 88 4th
Corbett Edw. M., 70 Bedford
Darling Joseph M., Bennett bldg
Destremps Louis G. & Sons, 58 Bedford
Higgins Joseph I., Borden blk
Marvell E. I., 57 N Main

FALMOUTH—Tobey W. A.
FISKDALE—Harvey Wm. H.
FITCHBURG—Francis Frederick L.
Francis Henry M. & Sons

FRAMINGHAM—Capp Chalmers S.
Shepherd Frank H.

GARDNER—Bodwell Cyrus F.

GLOUCESTER—Hanson H. M.
Phillips Ezra L.
Spooner Herman W.

GREENFIELD—Drew M. R.
GROTON—Park Lawrence

HAVERHILL—Colby Herbert W.
Damon C. Page
Ibbotson Jos. W. C.
Perkins J. A.
White Chas. D

HINGHAM—Brown Samuel J., Main, cor. Gardner

HOLYOKE—Alderman Geo. P. B. & Co., 316 High
Beauchemin Oscar, City Nat'l Bank bldg
Chase Wm. R. S., Holyoke Nat'l Bank bldg
Gendreau Hubert L., 830 Chicopee
Howes W. J., 243 High
Reid Wm. B., 280 High

HOPKINTON—Phipps Sanford
HYDE PARK—See Boston
IPSWICH—Pickard H. A.
LAKEVILLE—Anderson W. L.

LAWRENCE—Adams Geo. G., 288 Essex
Allen J. E., 283 Essex
Ashton & Huntress, 477 Essex
Cullinane Richard, 288 Essex
Feugill Jno. H., 316 Essex
Harding Walter J.
Kimball W. A., 114 Howard
Knapp Jerome G., Bay State bldg
Petzold Herman H.
Regan Wm. P., 296 Essex
Reynolds James T.
Smith Horace H. (mill), Bay State bldg
Viticoute John B.
Wilde Samuel H., Bay State bldg

LEICESTER—Doherty Peter J.
LEOMINSTER—Davis Fred'k L.
Page Leroy J. (& Mill Engr.)
Stacy Harry H.

LITTLETON—Woodbury D. H.

LOWELL—Clark Edwin R.
Davis Millard F., Hildreth bldg
Floyd Warren L., 124 Stevens
Gardner Everett M., 198 Hollyroad av
Gilbert Perley F., 53 Central
Graves Harry Prescott, 40 Middlesex
Roach Joseph S., 40 Middlesex
Rourke Henry L., Hildreth bldg
Stickney Frederick W., Hildreth bldg

LYNN—Betton Chas. L., 31 Exchange
Burgess Chas. V., Security Tr. bldg
Earp Edwin, 333 Union
Porter Byron E., 113 Munroe
Rogers Hamilton W., 25 Exchange
Sanborn Dana A., 38 Exchange
Somes & Parsons, 145 Munroe
Varney, Penn, 25 Exchange

MALDEN—Wilson Dexter E.
MANSFIELD—Foster Geo. L.
MARLBORO—Simonds Warren J.
Tucker & Brooks

MELROSE—Dow Lewis A.
Jordan Edward E.

MIDDLEBORO—Black J. Fred
MILFORD—Collins Walter L.
Cook Rob't Allen

MILTON—Babcock Alton
Tilden George T., 55 White

NANTUCKET—Codd Eliza
NATICK—Fleming Willis N.
NEEDHAM—Pinkham Everard
NEW BEDFORD—Brown Frank C., Chapman bldg
Destremps Lewis E., N-B Theatre bldg
Hammond C. & Son, 179 N Water
McIntyre Jas., Clifford bldg
Smith & Howland, Union & Pleasant
Williams John, 97 Merrimack

NEWBURYPORT—Knight Carl M.
NEWTON HIGHLANDS—Fisher Gurdon R.
NEWTONVILLE—Paine Walter J.
NORTH ADAMS—Barlow Edwin T.
Bond Newton C.

NORTHAMPTON—Pratt Wm. F.
Taylor James K.

NORTH CAMBRIDGE—Killam Charles W. 51 Avon Hill
PEABODY—Earp Edwin
PITTSFIELD—Harding & Seaver, 7 North
Haynes Geo. E., Miller bldg.
McLaughlin Peter F., 24 North
Vance Jos. M., 24 North
Wilson H. Neill, 24 North
Winchell John

PLYMOUTH—Goddard Fred A.
QUINCY—Lofgren Wm. R. (& Builder)
Pratt J. Winthrop (& Builder)

ROXBURY—(See Boston)

SALEM—Balcomb Edwin B., 228 Sussex
Fanning Geo. H., 221 Essex
Rantoul Wm. G., 19 Chestnut

SHARON—Ely Chas H.
SHERBORN—James Thos. M.
SOUTH FRAMINGHAM—Barnes Chas. E.

SPRINGFIELD—Bliss & Lavalle (& Engrs.), 274 Main
Cobb Albert W., 168 Bridge
Dibble Wallace E., 317 Main
Donahue J. W., 476 Main
Elvin Frank F., 182 State
Foster John W., 22 Worthington
Gardner E. C. & G. C., 33 Lyman
Green Sam'l M. Co., Inc. (& Engrs.), Huestis & Huestis, 145 Chestnut
Kirkham & Parlett, 25 Harrison av
Long Jas. D. (& Mech. Engr.), 307 Main
McClintock & Craig (& Engrs.), 33 Lyman
McCracken E. Leo., 417 Main
Seabury B. Hammett, Besse blk
Sprague H. L. (& Engineer), 310 Main
Taylor G. Wood, 425 Main
Wozny Bruno, 381 Main

TAUNTON—Park Walter L.
Smith Gustavus L.

UXBRIDGE—Aldrich Leander S.

WALTHAM—Haines William, 85 Robbins
Hartwell Henry W., 147 Summer
Monaghan James F., 208 Newton
Ryan Miss Ida Annah & Luscomb F. H., Lawrence bldg
Strout Geo. E., 9 Dexter

VINEYARD HAVEN—Hinckley H. M.
WATERTOWN—Brigham Charles
Gray Arthur F.
Haynes A. F.

WESTFIELD—Harding Malcolm B.
Karr Wallace V.

WEST FITCHBURG—Fourner Auguste, 4 Ashburnham
WILLIAMSTOWN—Neal E. H.
WILLIMANSETT—Gendreau H. L.
WINTHROP—Morse Edward P.
Tyler George H.

WORCESTER—Arlington Claude L., 507 Main
Briggs L. W., 314 Main
Camassa Jas. E., 251 Shrewsbury
Carlson Edwin (& Builder), 54 Hermon
Chapin Edwin T., State Mutual bldg
Clemence Geo. H., 405 Main
Coulson Fred'k, 405 Main
Cutting, Carleton & Cutting, 44 Front
Demoorjian H. S., 340 Main
Fisher Clellan Waldo, 58 Front
Fitzgerald Edward P., 340 Main
Frost & Chamberlain, 390 Main
Fuller & Delano Co., 44 Front
Halcott Geo. C. (Supt. Public Buildings), City Hall
Hoyle Chas. R., Slater bldg
Hulslander John D., Park bldg
Jacques Urgel, 311 Main
Kingston John P. & Son, 518 Main
Lebeau Adolph F., 358 Hamilton
Lincoln Chas H., 6 Park av
Nault Onesime E., 8 Wall
Newton B. S., 1125 Pleasant
O'Sullivan John J., 314 Main
Rowe Thomas F., 518 Main
Topanelian Edw., 340 Main
Tribe Geo. T., 306 Main

MICHIGAN.

ADRIAN—Fretwell John
ALMA—Wood E. M.
ALPENA—Ouderkirk Thomas A.

ANN ARBOR—Boynton Louis H.
Koch Rupert W.
Lorch Emil
Pipp Herman W.

MICHIGAN—Ann Arbor—continued
Scott Geo.
Stanton Samuel M.
Zells Louis F.
BATTLE CREEK—Arnold E. W.
Chanel A. B.
Doerr Burt O.
Puffer Harry
BAY CITY—Clark D. P.
Floeter P. C.
Pratt, Bickel & Campbell
BENTON HARBOR—Bennett & Lindenfeld
BIG RAPIDS—White A. J.
BLISSFIELD—Dickinson D. E.
DETROIT—Abraham & Wood, Scherer bldg
Angell Harry S., Free Press bldg
Atcheson N. S., David Whitney bldg
Bailey R. A., 54 Lafayette av
Barcroft Fred'k T., Fine Arts bldg
Barnes Chas. F. J., Kresge bldg
Baxter, Odell & Halpin, Hammond bldg
Beavis Alfred J., 245 Stanton av
Beckett Harold C., 406 Elks Temp.
Benjamin & Straight, 2931 Woodward
Brandt Christian W., Kresge bldg
Braun Geo. H., Sun bldg
Brotherton F. E., Equitable bldg
Burrowes M. R., Trussed Concrete bldg
Butterfield Wells D., David Whitney bldg
Buysse Eugene & E. Hartwick Kresge bldg
Case J W., David Whitney bldg
Chapin Richard S., 1127 Helen av
Claflin Fuller, Elks Temple
Clement Hugh B., Penobscot bldg
Coquard Leon, 169 First
Crane C. Howard, Dime Bank bldg
Czeschinsky Fredk., 410 Mack av
Darling & Walper, Chamber of Commerce
Day-Draper Co., Buhl bldg
Dederichs Peter, Chamber of Com bldg
Donaldson & Meier, Penobscot bldg
Drolet E. A., 739 Forest av E
Dunlap E. R., Hammond bldg
Feldman & Seeler, Kresge bldg
Fiedler Chas. K., Dime Bank bldg
Finkel Maurice H., Sun bldg
Finn Robert, David Whitney bldg
Finster C. G., 167 E Grand av
French Albert E., Goebel bldg
French A. A. & Son, Congress bldg
Gehrke Hans A., Chamber of Com. bldg
Gernt Rudolph C., Campau bldg
Gies Rowland C., David Whitney bldg
Goff Chas. A., 149 Breckenridge
Goodrich Wm. F., 334 Holcomb
Goossen Stephen B., 287 Woodward av
Gottesleben Oscar C., Dime Bank bldg
Graves Geo. Wm., Rowland bldg
Gregory E. W. Campau bldg
Gwizdowski J. J., 901 Russell
Haas Geo. J., Kresge bldg
Hallett H. H., 982 Woodward av
Harley Alvin E. & Marr Richard H., Kresge bldg
Hill Frank E., Gas Office bldg
Hulburt Geo. D., Broadway Market bldg
Hunter W. E. N., Cham. of Com. bldg
Hyder K. Lee, David Whitney bldg
Jogerst Jos J., Kresge bldg
Joy Wm. S., Stevens bldg
Kahn Albert, 58 Lafayette blvd
Kamper Louis, Book bldg
Kastler J. G. & Co., Ch. of Com. bldg
Kasurin John, Ford bldg
Kavioff Otto H., 254 Elizabeth E
Keller Walter S., Esq., 720 Jefferson av, East
King H. G., Buhl blk
Koch Rupert W., Penobscot bldg
Koehler Chas. W., 221 Hazelwood av
Kohner Henry, Kresge bldg
Kotting Charles, Dime Sav. Bk. bldg
Kroske Paul C., David Whitney bldg
Ladue & Rahles, Kresge bldg
Lentz Walter Edward, David Whitney bldg
Lindhout Pierre, Ashton bldg
McDonnell J. Philip, Dime Bank bldg
McLean M. Co. (& Contrs.), 1048 Mt. Elliott
Macfarlane, Maul & Lentz, David Whitney bldg
Maclean Building Co., 92 B'way
Makepeace Stanley, David Whitney bldg
Malcolmson & Higginbotham, 404 Moffatt
Marr Richard H., Kresge bldg
Mason Geo. D., 80 Griswold
Maul Walter, David Whitney bldg
Mildner & Eisen, Hammond bldg
Millar H. T., Goebel bldg
Miller John Lawson, Goebel bldg
Mills Jos. E. & Son, Kresge bldg
Motl Chas. K. 117 Fort W
Muehlman Harry G., 505 Wash. Arcade
Mueller Gustave A., Breitmeyer bldg
Myers Geo. W., 210 Bethune av
Nettleton & Weaver, Penobscot bldg
O'Dell Wm. H., Smith bldg
Palmer Clarence William, David Whitney bldg
Phillipps & Wilcox, Kresge bldg
Pickell F. Gordon, Kresge bldg
Pollmar & Ropes, 45 State
Pottle Geo. V., David Whitney bldg
Preston, Brown & Walker, David Whitney bldg
Raseman R. E., Penobscot bldg
Reed-Hill Wm., Dime Bank bldg
Rill Harry J., 54 Buhl blk
Rogers James S., Farwell bldg
Rogers, Bonnah & Chaffee, Penobscot bldg
Rossello P. R., 1489 Mack av
Scott John & Co., Dime Bank bldg
Shiels Theo. E., Bamlet bldg
Shippy Chas. E., Broadway Central bldg
Smith Harry T., Free Press bldg
Smith, Hinchman & Grylls, Wash'n Arcade
Spahr Albert H., Grosse Pointe
Spier & Gehrke, Chamber of Com. bldg
Stahl & Kinsey, 117 Fort, W
Steffens G., Dime Bank bldg
Stevens H. C., Kresge bldg
Stratton Wm. B., Union Trust bldg
Swirsky F. & Co., Equity bldg
Van Leyen & Schilling, Union Trust bldg
Van Tine W. H., Fisher Arcade
Varney & Varney, Palmer bldg
Varney & Winter, Dime Bank bldg
Winter Frederick J., Dime Bank bldg
Vollmer Wm. H., Cham. of Com. bldg
Von Schneider D. J., Union Tr. bldg
Walker Lyman, Ford bldg
Walsh Jas. J., Chamber of Com. bldg
Ward Chas. B. Jr., 399 Marlborough av
Wardrop Norval, 270 Woodward
Weaver A. E., Penobscot bldg
Weinberg & Lewis, 540 Hastings
Wells Dalton R., Ford bldg
Weston W. C., Kresge bldg
Wetzel B. C. & Co., Dime Bank bldg
Wiedmaier F. W., Campau bldg
Wilby Ernest, 58 Lafayette blvd
Williams Bros., Kresge bldg
Wilson J. Will, New Telephone bldg
FLINT—Bachmann Geo. J.
Brace Leonard W.
Evans & Black
Kaufman H. J.
Swift Geo. H.
GRAND RAPIDS—Allen Frank P. & Son, Houseman bldg
Appleyard Geo. T., Widdicomb bldg
Ballast Egbert, 825 Oakland av
Benjamin T. & Sons, Wenham bldg
Clarke W. M., Metz bldg
Creager H. A., 1834 Jefferson av
Daverman J. & G., Ass'n of Commerce bldg
De Camp Lee, Empress Theatre bldg
Essebagger C. M., Empress Thea. bldg
Lindhout Pierre, Gr. Nat'l City Bk. bldg
Osgood Sidney J., New Herald bldg
Robinson & Campau, Houseman blk
Stone G. L., Widdicomb bldg
Turner H. H., Board of Education
Vierheilig C. G., Houseman blk
Weemhoff Harvey H., Murray bldg
Williamson Crow & Proctor, Gilbert blk
HARBOR SPRINGS—Mead Earl H.
HOLLAND—De Weerd Geo.
Price James
HOUGHTON—Maas Chas. W.
IRONWOOD—Anderson J. C.
JACKSON—Allen Claire
Field L. H., Jr.
KALAMAZOO—Albertsoan Dan J. (Mill)
Batterson Ernest S.
De Kam Peter J.
Fairchild Chas. A.
LeRoy Rockwell A.
Van Volkenburg Forest D.
Worden G. G.
LANSING—Black Lee
Bowd E. A.
Butterworth S. D.
Churchill Judson N.
Moon D. B.
Phillips Eugene B.
Smith Harry E.
White Thos. E.
MANISTEE—Peterson Gust (& Builder)
MARQUETTE—Charlton D. Fred.
MENOMINEE—Herbert Derrick
MONROE—Dunbar R. M.
MOUNT CLEMENS—Roy Melvin S.
Van Damme T.
MUSKEGON—Appleyard George T.
Van Der West & Pease
PAW PAW—Young C. C.
PONTIAC—Fisher Bros.
PORT HURON—Erb Isaac
Harvey Geo. L.
Kaumier John C.
SAGINAW—Cooper & Beckbissinger
Cowles & Mutscheller
Hollister F. W.
Mueller Henry B.
Moore Fred E.
SAULT SAINT MARIE—Demar Edword
TRAVERSE CITY—Moore F. E.
Petersen Jens C.

MINNESOTA.

ALBERT LEA—Sorenson N. C.
AUSTIN—Hayes Paul J.
BRAINARD—White Bros.
BEMIDJI—Johnson Thos.
CROOKSTON—Keck Bert D.
DULUTH—Allred Wm. P., Jr., Fergusson bldg
Beyrer W. H., Lyceum bldg
Bray W. T., Fidelity bldg
Broomhall E. F., Alworth bldg
Croft & Boerner, Fidelity bldg
De Waard John R., Glencoe bldg
Fitzgerald F. H., Alworth bldg
Forsell Ernest, First Nat'l Bk bldg
German Frederick G., Exchange bldg
Gilliuson & Carson, Glencoe bldg
Hanford Arthur, Sellwood bldg
Holstead & Sullivan, Palladio bldg
Hunt Wm. A., Lonsdale bldg
Kelley & Williams, 1st Nt. Bk. bldg
Lignell A. Werner, Alworth bldg
Loebecke Robt., Columbia bldg
Nystrom Carl E., Palladio bldg
Olsen P. M., Sellwood bldg
Perkins Fred'k W., Alworth bldg
Price Vernon J & Co., Palladio bldg
Puck Anthony, Torrey bldg
Schneider Chris, 216½ W 3d
Shurick & Hansen, Torrey bldg
Starlin Arthur N., Providence bldg
Terryberry Austin, Palladio bldg
Wangenstein J. J., Providence bldg
Wirth Carl, 13 W Superior
HIBBING—Puck, H. E.
LUVERNE—Green W. E. E.
MANKATO—Gerlach H. C.
Pass Geo. & Son
Schippel Albert
MINNEAPOLIS—Bell & Bentley, Inc., Security Bank bldg
Bennett D. C., 717 Marquette av
Bertrand & Chamberlin, N. W. Bk. bldg.
Boehme Chris. A., Kasota blk.
Brown Clarence J., Security Bk. bldg
Buckley Boland C., Plymouth bldg
Burner & Macomber, McKnight bldg
Chapman C. Bayless, 84 S 10th
Chapman George A., Auditorium bldg
Clausen Arthur C., Lumber Ex.
Colburn Serenus M. Esq., Donaldson bldg
Corser Frederick G., N. Y. Life bldg
Crosier Perry E., Plymouth bldg
Currier Eugene L., The Leamington
de Brauwere Victor F. V., Plymouth bldg
Dorr & Dorr, Lumber Exchange
Downs Harry T. Esq., N. Y. Life bldg
Eads, Harold H. Esq., N. Y. Life bldg
Edwins & Edwins, N. W. bldg
Fallows E. T., New York Life bldg
Gage Carl A., Auditorium bldg
Hartzell & Collins, New York Life bldg
Haxby Robert Van Loan Esq., 4441 Colfax av S
Hewitt Edwin Hawley, 716 4th av, S
Hinman Clarence G., McKnight bldg
Huey Geo O., N. Y. Life bldg
Hultgren W. P., (& Builder), 1314 Marquette av
Jackson Jerome P., Sec. Bank bldg

Jones Harry W., Lumber Exch. bldg
Jones Roy Childs, University of Minn. Dept. of Arch.
Kees & Colburn, Donaldson bldg
Keith, Walter J., 1722 Hennepin av
Kennedy Ernest, Essex bldg
Kennison H. A., McKnight bldg
Kenyon Wm. M., & Maine, Maurice F., Metropolitan Life bldg
Kinney, F. W., Plymouth bldg
Lamoreaux Lowell A., 830 Hennepin av
Lindstrom & Almars, Plymouth bldg
Long L. Long, Esq., 830 Hennepin av
Ludwig Edward R., N. Y. Life bldg
McElroy Clifford S. Esq., Essex bldg
Macomber Wm. K., McKnight bldg
Magney G. Renatus, N. Y. Life bldg
Mann Fred'k M., Metropolitan Bank bldg
Mather & Burner, McKnight bldg
Nason J. E., Corn Exch.
Parsons C. Howard, Phoenix bldg
Petersen H. Adolphus, New York Life bldg
Purcell & Elmslie, N. W. Nat'l Life bldg
Purdy W. W., McKnight bldg
Saxton Glenn L., Plymouth bldg
Sedgwick C. S., Lumber Exchange
Snyder Kirby T., Plymouth bldg
Stebbins & Haxby, N. W. Nat'l Life bldg
Stone Jacob, Jr., Sec. Bank bldg
Straus C. B., Security Bank bldg
Sund & Dunham, Essex bldg
Tyrie William W., Auditorium bldg
Van Dyck A. R., McKinght bldg
Walker H. E., Lumber Exchange
Westphal O. K., Northwestern bldg
Whitney Wm. Channing, Ln & Tr bldg

MONTEVIDEO—Granum Martin
MOOREHEAD—Friedlund Bros.
NEW RICHLAND—McGarvey G. A.
NEW ULM—Heers C. A.
NORTHFIELD—Vail Alva E. V.
ROCHESTER—Hoffman Geo. J. & Co.
ST. CLOUD—Carpenter & Co.
Mann & Pinault
ST. PAUL—Alban & Prins, Endicott bldg
Alden & Harris, Exchange Bank bldg
Bartlett Sam'l L., German Life bldg
Bassford C. A., 371 Selby av
Bassindale Lambert, Capital Bank bldg
Beuchner & Orth, Shubert bldg
Blewett Geo. A., Endicott bldg
Cederberg & Van Kirk, Endicott bldg
Day Beaver Wade Esq., Endicott bldg
Denson Jas. F., Am. Nalt. Bk. bldg
Donohue E. J., Gilfillan blk
Ellerbe F. H., Endicott bldg
Erickson Henry E., Am. Nat. Bk. bldg
Fitzpatrick M. J., 17 W 9th
Frost Chas. S., Capital Bank bldg
Gauger A. F., Scandinavian Am. Bk. bldg
Holyoke Thos. G., Endicott bldg
Jacobson Silas, Capital Bank bldg
Jandrich H. M., 717 W 7th
Johnston Clarence H., Capital Bk. bldg
Keefe W. F., Amer. Nat. Bank bldg
Linhoff Peter J., German Life bldg
Lockhart Geo. L., Endicott bldg
MacLeith Walter D., Am. Natl. Bk.
Mather Ralph, Endicott bldg
Miller H. A., Pittsburgh bldg
Pear C. A., Pittsburgh bldg
Round Olin H., Oppenheim bldg
Sheldon J. J., W. S. Concord
Stem A. H., Endicott bldg
Stevens J. Walter, New York Life bldg
Stevens W. F., Endicott bldg
Sullwold H. A., Endicott bldg
Taylor Bernard J., 367 Prior av
Tewes Frank X., Endicott bldg
Wheeler Alfred H., Globe bldg
Wheeler J. H., Exchange Bank bldg
Wyville & Stewart, Pittsburgh bldg

THIEF RIVER FALLS—Lutz J. C.
Spalding & Stewart
VIRGINIA—Okerstrom J. E.
Shand Charles K.
WILLMAR—Grover C. L.
WINONA—Myhre A. E.
Patterson C. A.

MISSISSIPPI.

BILOXI—Roof H. H.
BROOKHAVEN—McCormick Eugene
CLARKSDALE—Alsop M. M.
CLEVELAND—Suttle C. E.
COLUMBUS—McClanahan & Terry (& Builders)
GREENVILLE—Parker W. H.
GREENWOOD—McGeoy Frank R.
JACKSON—Austin H. N.
Hull W. S.
Overstreet N. W.
Spencer R. B.
Willis J. T.
MAGNOLIA—Kramer X. A.
MERIDIAN—Krouse P. J.
Stuart Burt
VICKSBURG—Carlisle Louis G.
Donovan Michael J.
Stanton Wm. A.

MISSOURI.

BOONVILLE—Ravenel Samuel W.
CAPE GIRARDEAU—Parlow W. E.
CARTHAGE—Ehlers A.
Prather J. A.
Simpson Percy K.
COLUMBIA—Pierce Harry L.
DE SOTO—Hemme Charles
FULTON—Bell M. F.
HANNIBAL—Martin Malcolm S.
Schmitt Ernest
HOPKINS—Akin John A.
INDEPENDENCE—McBride R. L.
JEFFERSON CITY—Miller & Chaffee
JOPLIN—Michaelis A. C.
Sudhoelter C. H. Co.
KANSAS CITY—Adams A. F., 3623 Wyandotte
Anderson A. B., N. Y. Life bldg
Bastman Geo. F., American bk. bldg
Bill H. S., Gloyd bldg
Boillot & Lauck, Scarritt bldg
Boller Carl Henry, Gayety Theater bldg
Braecklein J. G., Massachusetts bldg
Brostrom Ernest O., Reliance bldg
Buckley A. H., Gloyd bldg
Carman George, Reliance bldg
Cooley C. D. Co., Waldheim bldg
Cudworth Frank G., Reliance bldg
Curtis Reuel A., Reserve Bank bldg
Curtiss Louis, 1118 McGee
Dart Whitman, Gumbel bldg
Drake H. A., Reliance bldg
Edwards S. E., Sheidley bldg
Evans Chas. S., Hall bldg
Felt J. H. & Co., Grand av Temple
Field E. Stanley, Reserve Bank bldg
Frink S. R., Commerce bldg
Fuller Albert B., Reliance bldg
Gilman J. P., Gloyd bldg
Goddard H. I., Reliance bldg
Green Herbert M., Scarritt bldg
Greenbaum Samuel, Scarritt bldg
Guinotte K., Midland bldg
Gunn Frederick C., Republic bldg
Hamilton F. B., City Hall
Harris W. G., Portsmouth bldg
Hertz Alfred W., Gloyd bldg
Hofer A. E., 2120 E. 58th
Hogg Jas. O., N. Y. Life bldg
Hoit Henry F., 315 E. 10th
Holabird & Roche, N. Y. Life bldg
Jackson Frank J., Orear-Leslie bldg
Jacobs H. M., 1504 E. 35th
Keene Arthur S., Reliance bldg
Kurfiss Selby H., Scarritt bldg
Lauck Jesse F., Scarritt bldg
Lubschez Ben. J., Reliance bldg
McKecknie J. W., Lathrop bldg
Mack Clyde F., 6 W 43d
Madorie Edgar P., Reserve Bank bldg
Markgraf Rudolph, Ridge bldg
Martling J. H., 15 W 9th
Michaelis Frederick H., McGee bldg
Middaugh L. G., Gumbel bldg
Owen Albert S., Reliance bldg
Owen & Payson, Reliance bldg
Parker R. S., Kemper bldg
Payson Charles H., Reliance bldg
Raney & Dumas, Hudson Press bldg
Root Walter C., Scarritt bldg
Rose & Peterson, 715 Minnesota av
Sanneman K. H., Reserve Bk. bldg
Saylor Wm. H., Gumbel bldg
Schmidt C. P., Shukert bldg
Schrage W. F., 43 E. 32d
Schumacher Raman, Scarritt bldg
Shepard-Belcher, Reliance bldg
Shepard, Farrar & Wiser, R. A. Long bldg
Siemens George M., Scarritt bldg
Sloan Clifton B., 321 E. 11th
Smith, Rea & Lovitt, Finance bldg
Smith W. H., Mass. bldg
Stroeh Herman J., Commerce bldg
Sumderland J. C., Inter-State bldg
Tarbet Samuel B., Republic bldg
Thompson J. Francis, Mass. bldg
Thurtle Jno. G., Ridge bldg
Turney Albert, 3849 Charlotte
Underhill W., Bryant bldg
Van Brunt Cortlandt, Gloyd bldg
Van Brunt John, Republic bldg
Vandenberg C. C., Finance bldg
Wight & Wight, 1st Natl. Bk. bldg
Wilder E. T., First Natl. Bk. bldg
Williams, Chas. F., Long bldg
Williams, J. A., New York Life bldg
Willis Bixby, New York Life bldg
Wilson L. G., Finance bldg
Wiser Albert C., R. A. Long bldg
KIRKSVILLE—Dunbar Irvin
Dunbar J.
MEXICO—Elliott Ben. C.
MILAN—Schultz S. E.
MOBERLY—Abt Ludwig
NEOSHO—Garver Wm. L.
POPLAR BLUFF—Phillips E. B.
Walker L. B.
ST. JOSEPH—Boschen W., Tootle Lemon Bank bldg
Crocker Frank, German Am. Bk. bldg moved to Grand Island, Neb.
Eckel & Aldrich, Corby-Forsee bldg
Heim R. F., Bartlett Trust Co. bldg
Meier Rudolph, Lincoln bldg
Trunk & Gordon, Donnell-Court bldg
ST. LOUIS—Bahnsen John, Houser bldg
Baker Alfred M., Mercantile Natl. Bk. bldg
Barnett, Haynes & Barnett, Century bldg
Barnett T. P. Co., Cent. Nat. Bk. bldg
Beattie Wm. J., Columbia bldg
Becker Gerhard J., 2904 Bailey av
Berger Rich. A., 811 N. 15th
Black A. W. & Son, Security bldg
Bonsack Frederick C., Pierce bldg
Bradley Chas. C. (& Builder), 815 Chestnut
Bradshaw Preston J., Inter'l Life bldg
Brueggeman G. F. A., 3d Nat'l Bank bldg
Caldwell Wm. A., De Menil bldg
Cann & Corrubia, Central Nat. Bk bldg
Clymer Harry G., Wainwright bldg
Deitering Chas. H. Central Nat'l B'k bldg
Detjen Henry, 4268 Conn.
Dunham John M. Co., Chemical bldg
Eames & Young, Wright bldg
Ewald, Allen & Toensfeldt, Security bldg
Ferrand Gabriel, School of Arch., Wash. Univ.
Foell August, 3349 California av
Fridrich Chas. L., 5120 Wells av
Griesser Wilhelm, 2819 S. King's Highway boul
Grote Henry C. (& Builder), University City
Groves Albert B., 314 N 4th
Gruen Wm. H., Chemical bldg
Guentert E., 5707 S. Brilliante av
Haeger Leonard, 3844 Utah pl
Haeussler A. F., Roe bldg
Hall & Graf, Syndicate Tr. bldg
Hammond Charles Herrick
Harker H. J., 810 Chestnut
Heimburger G. U., Merchants-Laclede bldg
Helfensteller, Hirsch & Watson, Chemical bldg
Hellmuth & Hellmuth, Chemical bldg
Herthel John W., 119 N. 7th
Hess Ernest J., 3226 Magnolia av
Hirshstein J. M., Century bldg
Hohenschild H. H., Navarre bldg
Howard Norman B., 5899 Delmar av
Imbs Thomas F., 2442 N Grand av
Ittner Wm. B., Bd. of Education bldg
Jacobs Chas. N., 3630 Minnesota av
Jamieson Jas P., Security bldg
Janssen Ernest C., Chemical bldg
Kennerly & Stiegmeyer, Benoist bldg
Kessler Geo. E. & Co., Security bldg
Kirsch Robt. G., 4067 Magnolia av
Klipstein & Rathmann, Chemical bldg
Klutho Victor J., Syndicate Tr. bldg
Knell Albert, Odd Fellows bldg
Kring Harvey H., 6614 Colorado av
La Beaume & Klein, Chemical bldg
Lange John A., Security bldg
Lawler Edw. J., 408 Olive
Lee Thomas C., Syndicate Trust bldg
Levy Wm., Wright bldg
Link Theodore C. & Son, Carlton bldg
Little Edmund C., Central Nat. Bk bldg
Lucas Wm. A., Odd Fellows bldg
Lynch J. Hal, Dolph bldg
McArdle Montrose P., Chemical bldg
McMahon Wm. P., Wainwright bldg
Maenner & Davis, Central Nat. Bank bldg
Manny Edmund A., De Menil bldg

MISSOURI—St. Louis—continued
Mariner Guy C., Chemical bldg
Maritz & Henderson, New Bank of Commerce bldg
Mauran, Russell & Crowell, Chemical bldg
May Chas. F., 408 Olive
Meyer A., Central Nat. Bank bldg
Mills W. H., 4579 Gibson av
Mueller Vincent G., 506 N Vandeventer av
Nolte & Nauman, Fullerton bldg
Osterhorn Robt., 1023 N 6th
Paulus John D., 408 Olive
Pendleton Louis B., Cen. Nat. Bank bldg
Powers Herbert W., 211 N 7th
Preisler Ernst, Title Guaranty bldg
Ridington A. Blair, 5922 Cates av
Roach Harry F., Syndicate Tr. bldg
Robinson John Beverly, Wash. Univ. Univ.
Roth & Study, Wright bldg
Saum, Architect, Title Guaranty bldg
Schaumberg Henry Jr., 3631 Conn.
Senne J. H., Central Natl. Bank bldg
Stephen David Jr., 4944 Park View pl
Stephens & Pearson, Cent. Nat. Bank bldg
Study Guy, Wright bldg
Swarting G. Wm., 5333 Minerva av
Taylor Isaac S., Mercantile bldg
Thompson Robt. & Co., 704 Carrie av
Traber Oliver R. S., Fullerton bldg
Trueblood Wilbur T., Carleton bldg
Wageley Geo. L., 5971 Easton av
Wagner Henry A., 407 N 8th
Wedemeyer Wm., Wainwright bldg
Wees J. L., Commercial bldg
Wessbecker & Hillebrand, 19 S B'way
Widmann & Walsh, Wainwright bldg
Wilhelmi Otto J., 406 Market
Wray Chas. H., Rialto bldg
Wuest Gustav P., Wainwright bldg
Yoder C. B. & Co., Ry. Exch. bldg
Young T. C., Wright bldg
SEDALIA—Bast T. W.
SPRINGFIELD—Brettner O. L., Holland bldg
Foley W. E., Baker blk
Heckenlively J. L., Landers bldg
Reed Geo. F., Holland bldg
Torbitt A. N., Landers bldg
WEBSTER GROVES—Opperman C. B.

MONTANA.

ANACONDA—Fisher Homer
Hyslop W. W.
Smith Joseph
BILLINGS—Dedrick & Piner
Link & Haire
McAlister G.
McIver, Cohagen & Marshall
Oehme C. C.
BOZEMAN—Willson Fred. F. & Co.
BUTTE—Arnold & Van House, Daly Bank bldg
Clark H. H., 7 South Excelsior av
De Snell G. E., 3 N Montana
Hamill-Floyd Co., Hirbour bldg
Howell H. W., Lewisohn bldg
Kenna Hermann, 19 E. Platt
Link John C., State Savings Bank bldg (branches at Helena, Billings, Lewistown & Miles City, Mont.)
McGovney C A., 1056 W Gold
Roberts J. R., 412 Hopkins
Teague J. C., Daly Bank bldg
Warren J. M., Daly bldg
Wilson C. L., Electric bldg
DILLON—Roode S. M.
GREAT FALLS—Johnson Henry Hall
Levesque J. T. & Co.
McIver, Cohagen & Marshall
Mowery W. R.
Shanley G. H.
HARDIN—Pruett Chas.
HELENA—Carsley Geo. H.
Haire C. S. & J. G. Link
Kirk C. H.
McIntosh Jas. A.
Tufford Allan
LEWISTON—Link & Haire
Wasmansdorff & Eastman
LIVINGSTON—Hornbeck F. S.
Turk C. Hubert
MILES CITY—Rivenes Brynjulf
MISSOULA—Bakke O.
Kennedy & Forbis
Morin Eugene
THREE FORKS—Dwyer & Waldorf

NEBRASKA.

BEATRICE—Grant R. W.
BENKELMAN—Christianson J. H.
BLAIR—Vaughan Louis
COLUMBUS—Grabe & Helleberg
Wurdeman Chas.
FREMONT—Clark Tom
Dyer A. H. Co.
West J. A.
GENOA—Redbird Simon
GERING—Pedersen J. C.
GORDON—Sailor C. H.
GRAND ISLAND—Crocker Frank
Good Charles
Kirschke Oscar R.
HASTINGS—Bradley Robt. E.
Way C. W. Co.
LINCOLN—Berlinghof & Davis, S. M. L. bldg
Cordner J. G., Bankers' Life bldg
Fiske & Meginnis, Bankers' Life bldg
Larsen Clarence H., Terminal bldg
McArthur Jos. G.
Miller J. B.
Salmon J. W.
Smith, John R., Nebraska Street bldg
Steffin W. A.
Tyler-Brandt & Tyler, Richards bldg
Woods A. W. (Church Work), Ganter bldg
NORFOLK—Stitt James C.
Townsend G. E.
OMAHA—Allan Jas. T., Brandeis Theatre bldg
Beck & Conley Karnbach blk
Bowell C. J., 4218 Dodge
Brigham N. R., City Natl. Bk. bldg
Clarke Frederick W. & Edwin B., Brandeis bldg
Cottrell Jonathan F. (Church, school & library), 1912 Sprague
Craddock James H., Farnam bldg
Davey J. Jeffery, Brandeis Theatre bldg
Dietrick J. E., 1014 S 28th
Dodds Everett S. Co., Brandeis Theatre bldg
Gernandt W. F., Brandeis Theatre bldg
Graham-Burnham Co., First Nat'l B'k bldg
Guth J. P., Paxton bldg
Henninger F. A., Securities bldg
Kimball Thos. R., World-Herald bldg
Krelle F. W., Omaha Nat'l Bank bldg
Kvenild B., Brandeis Theatre bldg
Latenser Jno., Bee bldg
Lawrie Harry, Paxton blk.
McDonald John, Omaha Nat'l Bank bldg
Mason J. B., Paxton blk
Miller Burt F., Brandeis Theatre bldg
Nachtigall J. M., Paxton blk.
Nye & Robinson, Brandeis bldg
Petersen Fred, State Bank bldg
Prinz Geo. B., Omaha Nat'l Bank bldg
Raapke H. A., City Nat'l Bank bldg
Steinbaugh C. W., Brandeis Theatre bldg
Stockham & Baker, Railway Exchange
Vrana E. H. Co. (& Engineers), Brandeis bldg
Willis Lloyd D., City Nat. Bank bldg
SCOTTSBLUFF—Hehnke O. J.

NEVADA.

RENO—Curtis M. J.
De Longchamps F. J.
Ferris Geo. A.
Holesworth Geo. E.
Holstein Ferber & Deuprey
Lewis & Ellery
Schadler F. M.
VIRGINIA CITY—Dickson R.

NEW HAMPSHIRE.

BERLIN—Bates H. C.
CAMPTON—James D. B.
CLAREMONT—Beckwith H. R.
Martin Clarence L.
CONCORD—Forrest C. S.
Griffin Geo. W.
DOVER—Brown George
Ramsdell A. T.
Richardson J. Edward
KEENE—Mason Harold E.
Spraulding M. O.
LISBON—Morgan S. D.
MANCHESTER—Baker J. Edw.
Butterfield W. M. Co.
Guertin J. Noel
Hutchins & French
Pelletier Alpheus J.
Provost Wilfred E.
Tilton Edward L.
Whitcher C. R.
MILTON—Jones I. W.
MONADNOCK—Mauran John Lawrence
NASHUA—Holt Duane F. & Son
Locke, Miss Harriet F.
PORTSMOUTH—Paul Henry S.
Trueman S. S.

NEW JERSEY.

ASBURY PARK—Arend Ernest A.
Asay Wilbur
Benner Elmer C.
Brazer Clarence W.
Cook Clinton B.
Cottrell W. C. & A. F.
Dodge Paul L.
Smith Clarence W.
Towner K. MacM.
ATLANTIC CITY—Berry Frank A
Dobbins Seward G.
Headley L. Leslie, Guarantee Tr. bldg
Henderer Earl M.
Hewitt Wm. S.
Ireland Bertram
Mathis J. Vaughan
Mergenthaler Richard H.
Ogden Jos. R.
Riebenack William B.
Shull Wm. S.
Smith Vivian B.
Stout Howard A.
Vaughn S. Hudson
BAYONNE—Bagnell Jas. F., 93 W. 8th
Goldberg Carl I., 437 Broadway
Lodge Wm. J., 749 Broadway
Reilly Eugene, 63 W. 34th
Schmidt John J., 352 Avenue C
Schule A., 360 Avenue C
BELMAR—Allen Wilson E.
BERLIN—Adams Geo. H.
BLOOMFIELD—Bancroft Francis W.
Pierson Fred L.
BOUND BROOK—Bent F. H.
BURLINGTON—Allinson Geo. A.
Brown Hy. A.
Hewitt Wm. D.
CALDWELL—Bartlett Herbert F. J.
Lockward Lynn G.
CAMDEN—Custer & Gill
Moffett & Stewart
Stephen Thos.
CLIFTON—Strong Lambert, Main & Clifton avs.
COLLINGSWOOD—Rice Harry H.
CRANFORD—Bell Clyde Chas.
DOVER—Vreeland J. J., Jr.
EAST ORANGE—Bower W. Frank, 44 Harrison
Eagles Israel C., 153 N 16th
Garrabrandt Wm. E., 566 Main
Hasselman Fredk. R., 10 R. R. pl
Shepard Benj. H., 564 Main
Schmidt Wm. C., 520 Springdale av
Wagner, Fred'k. L., 23 Evergreen pl
EDGEWATER—Hayek Andrew A.
ELIZABETH—Beatty J. B., 15 N Reid
Clum Wm. E., 120 Broad
Edwards Robert C., 6 Hillside road
Hoover W. H., Jr., 10 W. Grand
Kimball Harry Smith, 113 Orchard
Oakley Charles N., Esq., 280 N Broad
Poggi C. Godfrey, 2 Julian pl
Quien Louis, Jr., 229 Broad
Ring F. G., 280 N Broad
ENGLEWOOD—Ferry John J.
GARFIELD—Gerritsen Henry
Pirrone Frank
Vegliante Anton L.
GLENRIDGE—Staab Wm. F.
GUTTENBERG—Weber Jos.
GRANTWOOD—Drew George S., 42 Warren av
HACKENSACK—Bogert C. V. R., Esq., 139 Main
Collins Geo. (& Builder), 1st & Berry
Eurich Frank. Jr., 173 Main
Read Dean D., 274 Park
HAMPTON—Eilenberger C. W., Main
HARRISON—Baker Jos. W., 11 N. 4th
Kennedy Joseph, 6 N. 4th
HASBROUCK HEIGHTS—Morison Augustus B.
HOBOKEN—Beyer Max J., 79 River
Brokhaus Geo. C., 402 Washington
Connell J., 208 9th
Fall Chas., 1400 Washington
Meystre Fredc. J., 84 Washington
Stasse John, 533 Garden
Steigleiter Fredk., 213 Hudson
IRVINGTON—Allen Jos. B.
Hopper Daniel A.
Lemmer Fredk.
Sonnenberg Jos.

JERSEY CITY—Davis Abraham, 13 Newark av
Fienen L., Jr., 3697 Boulevard
Flagg Geo. A., 665 Newark av
Long C. Frederick, 1 Montgomery
Neumann William, 314 Palisade av
Patterson Edward M., 1 Montgomery
Quaife Ernest E., 64 Harrison av
Resch Jno. A., 170 Lexington av
Roberts Hugh, 1 Exchange pl
Rowland John T. Jr., 100 Sip av
Sailer Rudolph W., 76 Montgomery
Tilton Wm. A., 76 Montgomery
Von Arx Geo. W., 75 Montgomery
Wenzel W. K. 1 Montgomery
Ziegler Christian H., 75 Montgomery
KEYPORT—Young Henry A.
LAKEWOOD—Thomas John B.
LITTLE FALLS—Chubb Andrew, Jr.
LONG BRANCH—Cubberly Leon
Wilson Clarence D.
MAHWAH—Bennett Edwin T.
MONTCLAIR—Fisher H. Messinger, 483 Bloomfield av
Lockwood Jesse H., 117 Gates av
Myers Christopher, 460 Bloomfield av
Van Antwerp Dudley S., 44 Church
Yost Henry L., 467 Bloomfield av
MOORESTOWN—Le Coney Wm. G.
MORRISTOWN—Behr Frederick H.
Mills Geo. A.
Pierson Arthur S.
Vandoren Wm. C.
Weir Collins B.
MURRAY HILL—James Marshall T.
NEWARK—Acocella J. B., 9 Clinton
Apgar John A., 246 N 7th
Arenander Carl E., 587 Summer av
Aschenbach Walter J., 51 Wakeman av
Ashwell G. Gouverneur, 174 N. 9th
Baechlin Henry, 665 Broad
Baldwin Chas. P., 45 Clinton
Bartlett W. Orrin, 738 Broad
Bessman Samuel P., 20 Clinton
Betells James O. Esq., 665 Broad
Bigelow Frederick, 756 Broad
Bottelli Romolo, 207 Market
Brady Harold B., 29 Academy
Capen John F., 207 Market
Cella John B., 185 Market
Cohen Simon, 163 Springfield av
Conklin H. King, 665 Broad
Conklin & Convery, 28 Central av
Connelly Arthur, 46 Breitnall pl
Del Guercio A., 222 Washington
Ely J. H. & W. C., Fireman bldg
Erler Richard W., 45 Clinton
Fitzsimons Wm. J., 207 Market
Fletcher-Thompson, Inc., 207 Market
Fougner Ernest H., 800 Broad
Gifford Charles Alling, 60 Park pl
Grad Frank, 245 Springfield av
Grant Edw. E., 397 Washington av
Green Jordan, 27 Clinton
Guilbert & Betelle, 665 Broad
Hauser Edgar F., 9 Clinton
Higby Gilbert C., 207 Market
Hooper & Co., 118 Market
Hughes & Backoff, 31 Clinton
Jones Geo. E., 9 Clinton
Jones W. Davenport, 31 Clinton
Kern Fred C., 14 Gladstone av
King Henry J., 9 Clinton
King Jno. V., 9 Clinton
Kitchell Bruce P., 207 Market
Kleemann August M., 741 Broad
Klemm Robert C., 9 Clinton
Knopf Chas., 523 Springfield av
Koenigsberger F. H., 665 Broad
Kreitler Herman, 45 Clinton
Lehman Wm. E., 738 Broad
McMurray & Pulis, 31 Clinton
MacLagan Peter T., 552 Summer av
Murray Clifford E., 20 Clinton
Myers Nathan, 7 Nelson pl
Madel Moses J., 15 Clinton
Nobbe Fred G., 142 Market
O'Rourke & Briscoe, Essex bldg
Peter, Alfred, 830 Broad
Phelps Fred A., 11 Clinton
Pigott Jas. S., 9 Clinton
Pryor Robert L., 859 Broad
Reeve H. Edward, 763 Broad
Rizzolo D. R., 238 Washington
Robertson Harvey, 230 Highland av
Robinson James E., 274 Smith
Rosensohn Hyman, 800 Broad
Schoenig Wm. K. & Son, 422 Springfield av
Scudder Henry D. Jr., Essex bldg
Shoemaker Marshall N., 207 Market
Simpson J. T., Essex bldg
Staehlin Gustavus, 810 Broad
Steinbrenner Chas. L., 31 Clinton
Sutton F. S. & S. E., 9 Clinton
Thomson A. H., 222 Market
Valentine Chas. M., 158 Summer av
Van Vlandren & Culver, 790 Broad
Waferling John A., 810 Broad
Walters Alfred, 45 Clinton
Warren Edward V., Essex bldg
Warren John B., Essex bldg
Welitoff N., 20 Clinton
Wurth Ed. A., 9 Clinton
Zachau C. F., 45 Clinton
NEW BRUNSWICK—Boylan Wm. H., 390 George
Merchant Alexander, 363 George
Williamson D. D., 390 George
NORTH BERGEN—Manahan Edwin F.
NORTH PLAINFIELD—(See Plainfield)
OCEAN CITY—Van Gilder Ralph Hayes
ORANGE—Baldwin Chas. H.
Colt Samuel S.
Eichhorn Augustus, 81 Essex av
Lamb John J.
Marsh Jos. J., 17 Cone
Melendy Geo. E.
Norelli Nicholas A.
PALISADE—Sibley Ernest
PASSAIC—Doane E. E., People's Bank bldg
Fritz Herman, 237 Main av
Ginsburg Abraham, 11 Bloomfield av
Kelly John F., P. O. bldg
Meeker Wm. M., 9 Bloomfield av
Preiskel Abram, Hobart Trust bldg
Twist Ernest, 229 Main av
Waterhouse Chas B., 657 Main av
PATERSON—Ackerman Wm. S., Silk City Trust bldg
Benjamin Chas. H., 772 E 25th
Crosby H. B., 1st Nat'l Bank bldg
De Rose Jos., 119 Ellison
Dickinson W. E., 136 Market
Edwards Chas., 129 Market
Fanning Wm. T., Colt bldg
Fielding Fred A., 117 Buffalo av
Folks T. John, Colt bldg
Grosso Flavio B., 126 Market
Houman Oakley, 6 Park av
Rahm August J., 140 Market
Schwarz Fred'k J., Colt bldg
Sleight Chas. E., Romaine bldg
Stephens Harry Thornton, United Bk bldg
Van Vlandren John, 136 Washington
Wentworth Fred. W., 140 Market
White Chas. E., 617 E 24th
PERTH AMBOY—Brooks Geo. W.
Dayton & Smith
Goldberger & Greisen
Jensen Jens K.
Pierson J. N. & Son
PLAINFIELD—Fisher Geo. H., Jr., 224 Manson pl
French Edw. V., 143 North av
Metcalf Fred L., 143 North av
Smith Chas. H., 124 Grove
POMPTON PLAINS—Phillips Albert
PRINCETON—Hill Harry A.
RED BANK—Delatush J. C. & G. A.
Swannell Jos.
Terhune Edgar A. Cor. Hudson av & Linden pl.
ROSELLE PARK—Polhemus P. B.
SEABRIGHT—Thorp Alfred H. Esq
SHORT HILLS—Renwick, W. W.
Thomas Tysillo
SOMERVILLE—Van Nuys P. C.
SOUTH ORANGE—Bird Louis Francis
Colley Chas. E.
SPRINGFIELD—Carter Wm. P.
SUMMIT—Cady Jno. N.
Dow J.
Shapter Rich. S.
White B. V.
TEANECK—Suppes John F.
TENAFLY—Redfield Henry W.
TOWN OF UNION—(See Weehawken)
TRENTON—Consolly Robert G., 40 E State
Endebrock Wm. P., American Mechanic bldg
Hill Harry A., 40 E. State
Hunt J. Osburne, 114 N Montgomery
Kiemann & Fowler, First Nat'l Bank bldg
Pette John P., 131 Jackson
Poland W. A., 9 S Stockton
Schumann Robt. A., 932 Lamberton
Slack Wm. W., American Mechanics' bldg
Thines Wm. B., Commonwealth bldg
Tomlinson Harry C., 917 Melrose av
UNION HILL—Schultz Peter L., Dispatch bldg
UPPER MONTCLAIR—Mead Charles A.
Simpson A. W.
VINELAND—Fisher Henry, 97 Main road
WEEHAWKEN—Borries Wm. E., 388 B'way
Diemer Philip H., 128 Humboldt
Dixon Robt. C., 148 Park av
Lugosch J. D., 21 Blue av
Messmer John P., 140 4th
Shrader Ernest H., 140 4th
Soldwedel & Tatton, 421 Bergenline av
Vivarttas Percie A., 110 4th
WESTFIELD—Collins Edw. R.
Darsh Chas. H.
WEST HOBOKEN—De Paola Angelo, 117 Summit av
Helmers Jno. G., 814 Union
McDermott Edward Co., 582 Spring
Randall Chas. W., 201 Lake
Schultz Peter L., 256 Summit av
Weber Jos., 411 Spring
WEST NEW YORK—Dore A. E., Jr., 438 14th
Mayer & Manahan, 711 Bergenline av
Muller Chas. H. A., 322 15th
Schoen Alex C., 711 Bline av
Turck Joseph, 770 Bergenline av
Willaredt Geo., 411 23d
WEST ORANGE—Tappan Frank E.
WESTVILLE—Dickinson Frank L.
WILDWOOD—Boyer Lynn H.
WOODBRIDGE—Meyer Hans
WOODBURY—Shivers Clifford H.

NEW MEXICO.

ALBUQUERQUE—Cristy Edward Buxton
La Driere J. L.
DEMING—Brown Edwin H., Am. Red Cross, Camp Cody
EAST LAS VEGAS—Hart E. W.
ROSWELL—Carr C. R.
Nelson J. M.
SANTA FE—Rapp I. H. & W. M. & Hendrickson A. C.

NEW YORK.

ALBANY—Cosgrave John J., 362 State
Delehanty Andrew L., 61 State
Douglass D. Stuart, 100 State
Emery M. L. & H. G., 42 N Pearl
Emery & Macpherson, 121 N Pearl
Fuller & Robinson Co., 95 State
Gleason Thomas L., 45 Maiden la
Heidrich Chas. A., 11 Woodlawn av
Hunt Geo. W., 75 State
Johnson J. Henry, 95 State
Loth & White, 130 State
Merrick Chas. V., 25 Wash. av
Merrick & Pember, 51 State
Obenus Nichols Co., 119 State
Ogden Chas. G., 61 State
Palmer & Hornbostel, 51 State
Pember & Campaigne, 24 James
Reynolds Marcus T., 100 State
Robinson Wm. P., 95 State
Rogers Howard, 463 B'way
Schade Wm. C., 50 Beaver
Selkirk Alex. 133 N Pearl
Shoemaker J. D., 24 James
State Architect's Office, Capitol bldg
Sussdorf Chas. A., 100 State
Van Benthuysen Boyd, 49 Sheridan av
Van Guysling W. H., 1 Clinton sq
Wilkinson J. Lee, 9 Ten Broeck
ALEXANDRIA BAY—Reid J. B.
ALTAMONT—Wright Wheeler D.
AMITYVILLE—Inglee Lewis
AMSTERDAM—Cassidy David D.
Grieme Henry W.
Savage Wm.
ASTORIA—(See N. Y. City, Borough of Queens)
AUBURN—Armstrong Frank H., Seward blk
Hilliger Samuel E., Seward blk
Tallman & Betts, 17 Dill
BABYLON—Kelwin H. J.
Van Weelden H.
Wichman H. G.
BALDWIN—Carretto Gustave
Krawiec I.
Seaman A.
BATAVIA—Homelius Frank H.
BEACON—Van Slyck Chas. B.
Venus Alfred Day
BINGHAMTON—Bartoo Elfred H., Ackerman bldg
Dickerman E. W., Perry bldg
Gardner H. S., Ackerman bldg
Jewell & Umbrecht, Press bldg
Lacey Sanford O., Phelps Bank bldg
Lacey T. I. & Son, Kilmer bldg
McKinney Corliss, Press bldg
Carlton & Kaley, O'Neil bldg
Tiffany & Conrad, Phelps Bank bldg

NEW YORK—Binghamton—continued
Vosbury C. Edward, Savings Bk. bldg
Whitlock Walter H., Security Mutual bldg
BREWSTER—Waite Frank E.
BRONXVILLE—Kent W. W., Lawrence Park
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Bacon Edwin P., 120 Fordham drive
Beierl Max G., German Am. Bk. bldg
Bellony Alexander N., 537 Woodlawn av
Berry S. R., 445 Breckenridge
Bethune & Fuchs, 215 Franklin
Boughton Wm. H., 1579 Elmwood av
Brickwell Wm. S. Co., 683 Ellicott sq
Brown Jos A., 778 Genesee
Cary Geo., 184 Delaware av
Cimini Pasquale L., 47 Niagara
Clergy Stephen, Jr., 124 Demond pl
Colson-Hudson, Dun bldg
Coxhead John H., 928 Ellicott sq
Dell Emerson C., 65 Monticello av
Dunning Neil M., Builders Exch
Eckel Louis P., 191 York
Esenwein & Johnson, 775 Ellicott sq
Fayfield Robert C., Iroquois bldg
Fischer Philip, 514 Dodge
Fleming Bryant, Prudential bldg
Geigand Joseph J., 346 Herman
Goldstein Eli W., 47 Niagara
Green & Wicks, 110 Franklin
Greenstein L., Prudential bldg
Gwinner Joseph M., 14 Mariner
Haase Edwin C., 558 E North
Harris & Merritt, Erie Co., Bank bldg
Henrich Edw. G., Mutual Life bldg
Hoffman Louis P., 826 Jefferson
Holland H. O., Mutual Life bldg
Hopkins Albert Hart, German Ins. bldg
Horton Harvey S., Marine Nat'l Bank bldg
Impellittiere Jos., 118 17th
Joralemon Edgar E., 547 Franklin
Kidd Franklyn J., 110 Franklin
Kidd William A., Chamber of Commerce
Lansing, Bley & Lyman, 25 Delaware av
Lewis & Hill, Brisbane bldg
Little Hy. H., 56 Norwood av
Mang G. A., Erie Co. Bank bldg
Mann & Cook, Dun bldg
Metzger Geo. J., 19 W Huron
Miller H. Halsey, Niagara bldg
Miller Martin C., Mutual Life bldg
Minks Richard, 290 Hoyt
Moeller Edw. H., 394 Pearl
Mott Chas. Earle, Prudential bldg
North Robt., Niagara Life bldg
Oberkircher Jacob, 46 Orange
Orr Ulysses G., 32 Builders' Exchange
Perram Henry T., 435 Brisbane
Porter Cyrus K. & Sons, 73 W Eagle
Post A. A., Brisbane bldg.
Reidpath Robert J. & Son, Builders' Exch
Sasse Geo. T., 432 Norwood av
Schmill Carl & Son, Prudential bldg
Schultz Julius C. (Breweries, etc.), 1370 Main
Schurman Frank M., 18 Maple
Shelgren Olaf W., Niagara bldg
Siener John G., 76 Thompson
Spann Henry L., 38 Ardmore pl
Swain Herbert C., 80 W Genesse
Walker Jas., Builders' Exchange
Wallace Robert A., Builders' Exch
Wannenwetsch C. H. A., 563 William
Wettstein Charles, 48 A
Wolfe Geo. Morton, 638 Ellicott sq
Wood & Bradney, Mutual Life bldg
Zawadski W. H., 798 Fillmore
CARTHAGE—Patterson A. W.
CATSKILL—Beardsley C.
Warner Geo. H.
CENTRAL SQUARE—Smith Thos.
CLIFTON SPRINGS—Barton George Edw., Consolation House
COHOES—Goddard Wm. M.
CORNING—Tuthill S. E.
CORNWALL—Taylor Harvey B.
CORTLAND—Clark C. W.
EAST HAMPTON—Lawrence J. Custis
EAST SETAUKET—Lyons T. H.
ELMIRA—Bickford H. H., 118 Lake
Considine & Haskell, Hulitt bldg
Dockstader Otis & Son, 103 W Church
Ingham-Veazie, 114 Baldwin
Pierce J. H., 120 Lake
ENDICOTT—Crawford F. S., 18 Adams av
EVERGREEN—(See New York City, Borough of Queens)
FAR ROCKAWAY—(See New York City, Borough of Queens)
FLUSHING—(See New York City, Borough of Queens)
FREDONIA—Beebe H. P.
GENEVA—Adams Lloyd P.
Hill I. Edgar
GLENS FALLS—Lawrence W. E.
Potter E. B.
Rhinelander R. H.
Scales W. J.
Shippey Ward G.
GLOVERSVILLE—Beattie Arthur A.
Comstock & Van Dreser
Moul Henry S.
GREENWICH—Smith Frederick G. C.
HASTINGS UPON HUDSON—Hastings F. L.
HEMPSTEAD—Baylis I. B.
HERKIMER—Cassidy S. W.
Cronk Charles E.
Sluyter R. E.
HORNELL—Losie C. S.
Thompson E. J.
HUDSON—De Prosse Victor A.
Moul H. S.
O'Connor M.
ISLIP—Scheffer Morris L. J.
ITHACA—Gibb Arthur N., Trust Co. bldg
Hinckley Henry N., Savings Bank bldg
Martin Clarence A., Cornell University
Miller & Mallory, 139 E State
Miller William Henry, Sage block
Phelps Albert C., Cornell University
Vivian Clinton L., 120 E State
Waltz Ornan H., Trust Co. bldg
Wilgus Jno. M., 102 E State
Young Geo, Jr., College of Arch., Cornell
JAMESTOWN—Hultgreen C. O.
Mason Joseph
Pederson C. C.
Phillips, Fidler & Beck
Rulifson J. W.
Rushworth, Linblad & Corcilious
JAMAICA—(See New York City, Borough of Queens)
JOHNSTOWN—Simmons P. M. (& Builder)
KATONAH—Wetzel John A., Hillbourne
KENWOOD—Skinner Theodore H.
KINGSTON—Betz Gerard W.
Lowe George
Teller Myron
LARCHMONT—Fish Ferd, (Suburban work only)
LONG ISLAND CITY—(See New York City, Borough of Queens)
LOWVILLE—Rich W. H. Son & Co.
MALONE—Hugaboom S. G.
MAMARONECK—Oakley Chas. T.
MARATHON—Holmes John (& Builder)
MASPETH—(See New York City, Borough of Queens)
MIDDLETOWN—Canfield D. H.
Valkenburgh E. P.
MOUNT KISCO—Meres F. Guy
MOUNT VERNON—Acocella Michael A.
Greenfield Robt. A., P. O. bldg
Guttenberg S. A., Proctor bldg
Jenks A. Murray
Krais William, 146 Vista pl
Lucas Herbert, Lucas bldg
Middleton Wm. B., 110 W Sidney av
Miller Geo. L., 13 S 3d av
Olphert Geo. H. Jr., Proctor bldg
Perry James H., 349 S 4th
Rogers Robert E., 347 S 4th av
Stickles Walter F., 10 N 2nd av
Wolf Clarence J., 3 S 3d av.
Wright, Frank M., 36 Claremont pl
NAPANOCH—Norden Andrew B.
NEWARK—Krabbenschmidt E. A. P.
Van Buren Charles
NEW BRIGHTON—(See New York City, Borough of Richmond)
NEWBURGH—Estabrook Frank E.
NEW ROCHELLE—Banard Lawrence, 46 Lawton
Calafati Salvator S., 224 Main
Fernschild Geo. J., Jr., 192 Main
Gahan Wm. G., 254 Huguenot
Giorla Giuseppe, 19 Madeleine av
Kilthau Girstav, 1 Neptune Island
Lupprain Chas. A., 180 Main
McCormick Harry E., 270 Main
Pagan Franklin D., 57 Lawton
Sundberg August, 78 North av
Vallett Henri, 11 North av
Winter Frederick E., 270 Main
Wise Lorrillard, 254 Huguenot

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Adams Frank, 216 Boerum
Adelsohn E. M., 1776 Pitkin av
Allmendinger Louis, 20 Palmetto
Banks Robert V., 95 Bway.
Bauer C., Jr., 801 Manhattan av
Bennett Thos., 7836 5th
Berger Jacob F., 349 13th av
Berlenbach Francis J., Jr., 260 Graham av
Berres A., 1484 St. Marks av
Bly & Hamann, 833 St. Johns pl
Boyle Jas. A., 367 Fulton
Boyle & Prowler, 367 Fulton
Brandin Wm., 55 Vanderveer av
Braun Chas., 459 41st
Brook Abraham, 215 Montague
Brucker Henry C., 720 Prospect av
Cannelia Chas. P., 1163 Herkimer
Cantor & Dorfman, 373 Fulton
Carlson Arthur G., 226 Henry
Cassidy, A. F. Corp., 27 West End av
Cobb M. E., 166 Montague
Cohn Bros., 363 Stone av
Conway W. J., 400 Union
Corbett Harvey W., 190 Montague
Cornell Jos. H., Mott av
Crane Geo. E., 615 Stoothoof av
Cromwell J. J., Walsh av
Dangler Harold G., 215 Montague
Dassau Fred'k, 1373 B'way
Debus Wm., 86 Cedar
De Lion Carl H., 200 Montague
Dreyer Jno. G., 75 Oakland
Dreisler Benj., 153 Remsen
Eisenla Frederic W., 571 77th
Engelhardt C. P., 905 B'way
Entlich Henry M., 432 S 5th
Erda Gustave, 826 Manhattan av
Farber & Markwitz, 189 Montague
Fein J., 215 Snediker av
Finkensieper Benj., 346 Vernon av
Fischer Adam E., 373 Fulton
Foot M. D., 1432 75th
Foster C. A., 2810 Newkirk av
Friedland Louis H., 177 Penn
Gastmeyer Chas., 1652 Myrtle av
Gens Chas. Jr., 1015 E 2nd
Glover J. G., 222 Navy
Glucroft & Glucroft, 729 Flushing av
Goldberg Adolph, 354 State
Goldstone, Tobias, 50 Graham av
Guldberg Chris A., 390 Clinton
Hamann J. Henry, 109 Forest av
Harvie Harry R., 408 9th
Hedman Axel S., 371 Fulton
Helmle Frank J., 190 Montague
Heps Henri C., 358 N. Y. av
Hine F. L., 189 Montague
Hirsch Max, 215 Montague
Holder Henry, Jr., 242 Franklin av
Holmgren Eric O., 373 Fulton
Hudson Benj. F., 319 9th
Imperato F. P., 287 Union
Infanger Chas., 2634 Atlantic av
Jarden C. J., 1780 81st
Jeffrey H. T., Jr., Butler bldg
Kallich & Lubroth, 215 Montague
Kelly Frank E., 390 Douglass
Kennedy J. Sarsfield, 157 Remsen
Kennedy W T. & Co., Division av
Koch Arthur R., 26 Court
Korber Herbert W., 42 Hanson pl
Kunzi Albert C., 65 Elliott av
Laspia & Salvati, 525 Grand
Lauritzen L., 65 De Kalb av
Le Brun P. L., 111 Joralemon
Lobenstein Geo. J., 230 Martense
Lucas D. A. & Co., 98 3rd
Ludwig Wm. H., 801 Eastern Parkway
Lupien A., 1204 Carroll
McCarthy W. T., 16 Court
McKillop Jas., 154 India
Madigan G. Harry, 243 Withers
Mayer MacDonald, 8204 Ridge blvd
Meisinger Emil J., 394 Graham av
Michel J. G., 323 45th
Millman S. & Son, 1780 Pitkin av
Nelson G. M., 819 Halsey
Nurick H. J., 949 B'way
Parfitt Walter E., 26 Court
Pierce A. White, 26 Court
Purdy Raymond Jones, 167 76th
Reiser Mac L., 189 Bristol
Ricca J. M., 40 Hamburg av
Richardson A. Edw., 100 Amity
Rocker, Harry, 9004 5th av
Roosa Fredk H., 316 Flatbush av
Rothstein Morris, 197 Snedeker av
Rupp Bros., Inc. (& Builders) 189 Montague

Ryan William J., 162 Ryerson
Savignano Ferdinand, 6005 14th av
Schoen Eugene, 371 Fulton
Shampan & Shampan, 772 B'way
Simpson Jno., 430 48th
Slee & Bryson, 154 Montague
Sprung Harry J., 44 Court
Stange Gustave, 90 Hale av
Steigman Philip, 690 B'way
Stines A. H., jr., 132 4th
Stork F. W., 7416 3d av
Thode & Harvie, 406 9th
Tillion Philemon, 381 Fulton
Todaro Vincent S., 1812 W 8th
Ullrich Albert, 373 Fulton
Ullrich & Hoffman, 373 Fulton
Vollweiler Hy., 696 Bushwick av
Voss & Lauritzen, 65 De Kalb av
Wagner Chas. C., 26 Court
Wandell Jno. C., 8525 4th av
Werner Chas., 316 Flatbush av
Werther J. E., 371 Lockwood
Whinston Morris, 459 Stone av
Wills Walter B., 1181 Myrtle av
Winters Wm. C., 106 Van Sicklen av
Zlot Harry, 303 Bedford av

Boroughs of Manhattan and Bronx.

NEW YORK—Abramson Louis A., 220 5th av
Ach David M., 1 Madison av
Adam Louis A., 122 E 25th
Adams Rayne, 7 W 42d
Adams Wm., 15 W 38th
Adams & Kirby, 17 W 42d
Ajello Gaetan, 1 W 34th
Albro Lewis C., 2 W 47th
Allen Augustus N. 2 W 45th
Allen Jerome R., 101 Park av
Allen Paul R., 35 W 39th
Almirall Raymond F., 12 E 46th
Almiroty Randolph H., 220 5th av
Amory F. D., Jr., 812 Madison av
Amsler Jacob H., 1616 Crosby av
Anderson Aug. B., 47 W 34th
Anderson Donald G., 28 E 49th
Andrews Chas. M., 69 W 36th
Andrews Paul A., 40 W 38th
Architectural League of N. Y., 215 W 57th
Arend Ernest A., 105 W 40th
Armstrong Wm. T. L., 122 E 25th
Arnold Harry J., 345 5th av
Aspinwall J. Lawrence, 8 W 40th
Atterbury Grosvenor, 20 W 43d
Auslander Alfred, 1750 Topping
Austin Wm. E., 46 W 24th
Ayres Louis, 50 E 41st
Bache Geo., 1038 Woodycrest av
Bacon H., 101 Park av
Baer Herbert M., 665 5th av
Baker Jas. B., 156 5th av
Baker W. Edgar, Jr., 299 Madson av
Ballantyne Henry F., 2 W 47th
Ballinger & Perrott, 1328 B'way
Bannister & Schell, 67 Wall
Barber Donn, 101 Park av
Barber Joel D., Grand Cent. Term.
Barlow Alfred E., 286 Fifth av
Barnes Roderic B., 15 E 40th
Barney John M., 250 W 108th
Barney J. Stewart, 40 W 38th
Bartlett Geo. M., 103 Park av
Bates & How, 35 W 39th
Bayless A., 33 Bible House
Beardsley L. S., 38 W 32d
Beder Harold W., 334 5th av
Beekman Wm. F., 345 5th Ave
Beers W. Harmon, 17 Madison av
Bell Algernon S., 320 5th av
Beman J. Garfield, Park av & 41st
Benedict Eli, 352 Convent av
Benedict Frederick S., 50 E 41st
Benedict Wm K., 527 5th av
Benson J. P., 331 Madison av
Berg Chas. I., 331 Madison av
Berger Bruno W. & Son, 121 Bible House
Berger Richard & Son, 309 B'way
Bergesen John, 153 W 126th
Berlinger & Moscovitz 527 5th av
Bernstein Mitchell, 465 Lexington av
Biele Carl F., 381 W 12th
Birge Charles E., 29 W 34th
Birkmire Wm. H., 1133 B'way
Bissell Frank H., 567 5th av
Bissell Wesley S., 56 W 45th
Blagden Wendell D., 15 W 38th
Blair Walter D., 597 5th av
Blake T. E., 52 Vanderbilt av
Blakeman Fredk. T., 1 B'way
Blanchard Huse Templeton, 597 5th av
Bleier David, 2339 Morris av
Bloch Ben. C., 500 5th av
Bloch & Hesse, 500 5th av
Bloodgood Wm. E., 681 5th av
Blum Geo. & Edw., 505 5th av
Bodker A. J., 62 W. 45th
Boegel Wm. J., 3 W 29th
Boehm Geo. A., 7 W 42d
Boese, John, 280 Broadway
Bonagur Vincent, 789 Home
Boring William A., 52 Vanderbilt av
Boring & Tilton, 32 Broadway
Bossom Alfred C., 366 5th av
Bosworth F. Hunt, Jr., 527 5th av
Bosworth Wm. W., 527 5th av
Bowler Robt. B., 101 Park av
Bowman Herbert C., 261 B'way
Boyd John T., Jr., 15 E. 40th
Boyd Wm. S., 203 W. 14th
Boyle & Prowler, 367 Fulton
Boyland Jno. P., 2526 Webster av
Brady Albert I., 15 Broad
Brainard Owen, 52 Vanderbilt av
Brandt John (& Builder), 271 W. 125th
Braun Henry H., 114 E 28th
Brazer Clarence W., 1133 Broadway
Bready George L., 220 W 42d
Breiby & Bruno, 206 E 33d
Brendon Chas., 500 5th av
Brewster Herbert R., 116 Nassau
Briggs Fredk. H., 47 W 34th
Brite James, 18 E. 41st
Brooks Louis, 150 Nassau
Brower John, 118 E. 28th
Brown Irving R., 101 Park av
Browne Fredk. C., 209 W 102d
Brucker Henry C., 720 Prospect av
Brun C. B., 405 Lexington av
Brunner Arnold W., 101 Park av
Bruyere Louis U., 15 W. 38th
Buchman & Fox, 42d & Madison av
Buchtenkirk Geo. C., 21 Park row
Buckham C. W., 307 5th av
Budd K. C., 527 5th av
Buek Chas., 5 E. 42d
Bullards Rogers H., 4 E 39th
Bunce J. Oscar, 286 5th av
Burden Chester G., 340 Madison av
Burley Jas. L., 347 5th av
Burnett E., 470 4th av
Burton Howard, 101 Park av
Busselle Alfred, 132 Madison av
Butler, Charles 56 W 45th
Butler Geo., 62 W. 45th
Butler & Rodman, 56 W 45th
Byrne Edward J., 509 Willis av
Cady J. Cleveland, 40 W 32d
Cairns Bayard S., 411 West End av
Caldwell Chas. H., 101 Park av
Calhoun Charles L., 21 E 40th
Campbell Jas. I., Woodycrest av & 163d
Campbell Shiras, 103 Park av
Candela Rosario, 120 E 101st
Candler Duncan, 753 5th av
Cardiff J. A. F., 101 Park av
Caretto & Forster, 30 E 42d
Carpenter James E. R., 681 5th av
Carrere & Hastings, 45th & Vanderbilt av
Casazza Geo. J., 1133 Broadway
Casey Edw. P., 149 Broadway
Chambers Walter B., 109 Broad
Chance Geo. W., 47 W. 34th
Chapman Henry Otis, 334 5th av
Chapman Josephine W., 46 Wash sq
Chappell & Bosworth, 258 Broadway
Chard Thornton & Walter G., 101 Park av
Chard Walter G., 101 Park av
Cherry Wm. John, 70 E 45th
Child Edw. S., 29 Broadway
Clark Chas. S., 443 E Tremont av
Clark & Arms, 21 W 45th
Clausnitzer John, 272 3d av
Clinton & Russell, 32 Nassau
Clous D. A., 331 Madison av
Cobb Henry Ives, 527 5th av
Cocker J. C., 2017 5th av
Codman Ogden, 340 Madison av
Cohen Samuel, 32 Union sq
Cohen Simon, 2205 5th av
Colby Frank A., 15 E 40th
Coley Samuel B., 569 5th av
Collins D. C. Newman, 29 B'way
Comfort Ralph M., 160 5th av
Comstock Corry B., 110 W. 40th
Conable Geo. W., 46 W. 24th
Congdon Henry M. & Son, 18 B'way
Conover Warren H., 114 Liberty
Cooley C. D. Co., 37 E. 28th
Corbett Harvey Wiley, 443 W 21st
Cordes A. W., 414 Madison av
Cornelius Chas. A., 100 E 17th
Cornell Frank T., Grand Central Term.
Covell Wm. S., 101 Park av
Cox Irving, 15 William
Cox John, Jr., 30 E 42d
Cram & Ferguson, 33 W 42d
Crane Theodore, 15 W 38th
Crosier Geo. P., White Plains av & 223d
Cross John W., 10 E 47th
Cross & Cross, 681 5th av
Crow, Lewis & Wickenhoefer, 200 5th av
Cullen Chas. H., 101 Park av
Curry Robt., 45 Broadway
Cusacks Philip Allin, 12 E 46th
Dahler Jerauld, Grand Cent. Term.
Dalzell Brown & Co., 29 W 34th
Daub Walter T., 341 5th av
Davis Herbert E., 175 5th
Davis Albert E., 258 E 138th
Davis Chas. M., 28 E 49th
Davis, McGrath & Kiessling, Fuller bldg
Day John Bagley, 1265 Broadway
Deacy Wm. H., 569 5th av
Dean E. Clarence, 2 W 47th
De Bobula Titus, 10 E 43d
De Forest E. G., 280 Madison av
De Gersdorff Geo. B., 103 Park av
De Hart John, 1039 Fox
Dehli Arne, 106 Fulton
Delano & Aldrich, 126 E 38th
Delehanty Bradley, 2 W 45th
Del Gaudio M. W., Webster & Tremont avs
Dell Louis E., 1133 Broadway
De Mueron Francis A., 118 5th av
Denby & Nute, 333 4th av
Dennison, Hirons & Darbyshire, 475 5th av
Denslow L. E., 44 W 18th
De Rosa Eugene, 150 Nassau
De Rose & Cavalieri, 2333 1st av
Detwiller Chas. H., 46 Cedar
Dewsnap Wm., 203 Broadway
Diemer Julius J., 118 E 28th
Dieterlen Chas. T. E., 15 W 38th
Dietrich E. G. W., 118 E 28th
Dillon, McLellan & Beadel, 3 W 29th
Dithey Wm. J., 1 Union sq W
Ditmars I. E., 111 5th av
Dodge R. Irving, 233 Broadway
Dodge & Morrison, 135 Front
D'Oench & Yost, 105 W 40th
Dominick William F., 3 W 29th
Donegan J. W., 39 Ann
Donnell Harry E., 225 5th av
Dorfmann D. W., 69 W 113th
Downs F. Goodwin, 7 W 14th
Dress Geo., 1931 Madison av
Duff Thos. J., 407 W 14th
Dugan Geo. A., Sr., 200 5th av
Duncan John H., 347 5th av
Dunn E. D. & J. C., 527 5th av
Dunn Thos. F., 953 Woodycrest av
Dunnigan & Crumley, 391 E 149th
Eberle Jos. J., 489 5th av
Ecob Robt. Gilbert, 299 Madison av
Eidlitz Cyrus L. W., 347 W 86th
Eisendrath Simon B., 500 5th av
Eisinger L. W., 52 Vanderbilt av
Ellett Thos. H., Mad. Sq. Gdn. Tower
Ellis Edmund L., 101 Park av
Ells Irving B., 47 W 34th
Embury Aymar 2d, 132 Madison av
Emerson Wm., 597 5th av
Emery Hy. G., Bible House
Emery Marshall L., Bible House
Erskine Harold Perry, 108 W 54th
Euell Geo Raymond, 125 Sherman av
Ewing & Allen, 101 Park av
Ewing & Chappell, 101 Park av
Faiella Wm. A., 391 E 149th
Falkenhainer E., 25 W 42d
Fanning Ewd. F., 2 W 45th
Farley Frank C., 15 W 38th
Farnsworth Jas. M., 644 8th av
Farrington Robt. M., 103 Park av
Fash Robt. A., 163 W 20th
Feiner I. G., 505 5th av
Fellheimer, Alfred, 5 E 42d
Felson J. M., 1133 Broadway
Fenner Burt L., 101 Park av
Ferguson Frank W., 33 W 42d
Ferry T. Ross, 277 Broadway
Fiken H. Edwards, 22 E 17th
Field Robt. B., 30 E 42d
Finlayson Frank L., 2 W 45th
Fisher Jacob, 25 Av A
Fitz-Mahony Michael J., 15 E. 40th
Fitzpatrick John, 276 E 201st
Flagg Ernest, 109 Broad
Fletcher Arthur G. C., Park av & 41st
Ford George B., 101 Park av
Ford, Butler & Oliver, 101 Park av
Forman & Light, 40 Cedar
Foster & Gade, 15 W 38th
Franke Julius, 25 Madison sq N
Franklin L. Murray, Jr., 50 E 41st
Freedlander Jos. H., 681 5th av.
Freeman Alfred, 29 W 34th

NEW YORK—New York—continued

Freeman Frank, 132 Nassau
Freeman Geo. A., 17 W 44th
Friedman, Robertson & Keeler, 90 West
Friend Jno. H., 148 Alexander av
Frohne Wm. C., 2463 Davidson av
Frost Frederick G., 19 W 44th
Fuell & Fuell, 116 W 39th
Fuhs Adolph, 302 E 87th
FULLERTON, CLARENCE A. (Specialties in Fireproof Interiors, Banks, Offices, Public Buildings, etc.), 386 5th av
Funk H. E., 253 Broadway
Gade John Allyne, 15 W 38th
Gage S. Edson, 28 E 49th
Gall H. L. C., 10 E 14th
Gardner Robt. W., 43 Cedar
Garvin Michael J., Grand Cent. Term.
Gavigan Jas. J. F., 1123 Broadway
George Thomas J., 32 Nassau
Gette O. J., 46 Cedar
Gibson Robt. W., 185 Madison av
Giele Louis H., 1123 Broadway
Gifford Chas. A., 25 Park pl
Gilbert A. F., 80 Maiden la
Gilbert Cass, 244 Madison av
Gilbert Chas. P. H., 1125 Broadway
Gildersleeve Raleigh C., 303 5th av
Giller Louis, 395 Broadway
Gillespie Chas. H., 1123 Broadway
Githens Alfred Morton, 52 Vanderbilt av
Glasser & Co., 70 Manhattan
Gleim Geo., Jr., 149 Broadway
Godley Fredk. A., 244 Madison av
Goldberg A., 391 E 149th
Goldman Harold, 47 W 34th
Goldner & Goldberg, 391 E 149th
Goldrich Phillip, 326 E 98th
Gompert Wm. H., 171 Madison av
Goodhue Bertram G., 2 W 47th
Goodwin, Bullard & Woolsey, 4 E 39th
Gordon J. Riley, 507 5th av
Gottlieb Albert S., 101 Park av
Graham, Anderson, Probst & White, 244 Madison av
Grant Chas. C., 15 W 38th
Grauert Emile W., 36 E 23d
Gray Albert M., 1402 B'way
Green Jas. C., 7 W 47th
Greene Ernest, 5 Beekman
Greenfield Robt A., 33 W 42d
Greenleaf Jno. C., 15 W 38th
Greenley Howard. 101 Park av
Gregory Julius, 30 E 42d
Griebel Geo. H., 1974 B'way
Grieshaber Carl F., 126 E 38th
Griesser Wilhelm, 120 B'way
Griffin Percy, 30 Church
Griffin & Wynkoop, 30 Church
Grimes Marshall R., 39 E 42d
Gronenberg & Leuchtag, 303 Fifth av
Gross & Kleinberger, Bible House
Guard Shirley R., 8 W 40th
Gurd John A., 281 5th av
Habersack N. A., 160 W 99th
Haefeli Walter, 245 W 55th
Haenke J. Martyn Co., 15 Broad
Haight Alton, 15 E 40th
Haight Chas. C., 52 Vanderbilt av
Hale & Rogers, 470 4th av
Hamilton John A., 32 B'way
Hamlin A. D. F., 105 Morningside av
Hammond Fred'k, 3029 3d av
Hanemann J. Theo., 475 5th av
Harde & Hasselman, 56 W 45th
Hardenbergh Henry J., 47 W 34th
Harder Julius F., 120 W 32d
Hardway Geo. J., 22 E 33d
Harmon Arthur Loomis, 3 W 29th
Harney G. E., 320 5th av
Harris Sol J., 30 E 42d
Harrison Joseph D., 52 Vanderbilt av
Harrison M. Joseph, 63 Park row
Hart Donald P., 3 W 29th
Hart & Schmidt, 15 E 40th
Hasselman Francis G., 56 W 45th
Hastings Thomas, 52 Vanderbilt av
Hauser John, 118 Manhattan
Hausle Frank, 81 E 125th
Hawley Hughson, 1 Union sq W
Hays & Hoadley, 2010 B'way
Hazlett Wm. C., 1133 B'way
Hazzard Elliott W., 437 5th av
Healy Henry J., 320 5th av
Hedman Axel S., 106 E 19th
Heidelberg Max G., 15 W 38th
Heidelberg & Levy, 345 5th av
Heimer Robert, 235 5th av
Hemstreet W. F., Woolworth bldg
Hering Oswald C., 8 W 33d
Herone R. L., 64 W 38th
Herts Henry B., 345 5th av
Hesse Walter, 500 5th av
Hewitt & Bottomley, 527 5th av
Hewlett Wm. A., 1265 B'way
Higginson Wm., 13 Park row
Hill Clinton M., 50 E 42d
Hill Frederick P., 299 Madison av
Hinchman Jno. R., 437 5th av
Hiss & Weekes, 452 5th av
Hoddick August O., 117 W 58th
Hof Geo., Jr., 371 E 158th
Hoffman F. Burrall, Jr., 17 E 40th
Holabird & Roche, 2 W 47th
Holden Frank H., 485 5th av
Holden Lansing C., 103 Park av
Holler John H., Jr., 82 Wall
Hollingsworth & Bragdon, 9 E 40th
Holly Henry H., 38 W 32d
Holmes & Winslow, 110 W 40th
Holt Chas. L., 150 Nassau
Holton Alfred J. S., 32 Nassau
Hood Raymond M., 7 W 42d
Hooper-Falkenau Eng. Co. (Industrial), Woolworth bldg
Hooper Parker Morse, 15 W 38th
Hopkins Alfred, 101 Park av
Hoppin & Koen, 4 E 43d
Horenburger Herrman & Son, 656 E 163d
Horenburger & Bardes, 122 Bowery
Horn E. C., Sons, 1476 B'way
Horn John B., 25 W. 42d
Hornbostel Henry, 63 William
Hornum Louis A., 405 Lexington av
Horowitz Max R., 17 W 31st
Horvay Chas. Z., 1808 Marmion av
Horwitz Bernhard, 500 5th av
Hough Wm. C., 110 W 40th
House John H., Jr., 503 5th av
Howell Harry T., 149th & Willis av
Howells & Stokes, 100 William
Howes Edward T., 503 5th av
Howland Henry R., 103 Park av
Hubel R. W., 51 W 91st
Huenerberg William, 2080 Daly av
Hughes Elwood, 210 W 34th
Hume Raphael, 2 W 47th
Hunt & Hunt, 28 E 21st
Hunt & Kline, 52 Vanderbilt av
Hunter Paul C., 191 9th av
Hunting Walter C., 47 W 34th
Hurwitz H., 230 Grand
Hutchinson Robert C., 126 Liberty
Hutton & Buys, 103 Park av
Ingalls Harry C., 17 E 40th
Ingle John W., 527 5th av
Iselin Wm. O'D., 14 E 46th
Isham Arlington D., 115 Broadway
Itzel Carl J., 1362 Prospect av
Jackson Arthur C., 25 Madison av
Jackson John F., 1328 B'way
Jackson Jos. A., 1123 B'way
Jackson Walter H., 500 5th av
Jacobs Harry A., 320 5th av
Jaeger Fred'k, 1775 Weeks av
Jallade Louis E., 37 Liberty
Janes Elisha Harris, 414 Madison av
Janes Franklin Hawley, 154 Nassau
Jardine, Hill & Murdock, 50 E 42d
Jennings Arthur B., 63 Park row
Joannes Francis Y., 52 Vanderbilt av
Johnson Arland W., 507 5th av
Johnson Carl P., 30 E 42d
Jones Chas. G., 280 B'way
Jones Sullivan W., 15 W 38th
Josselyn Edgar A., 70 E 45th
Kahn Ely Jacques, 30 E 42d
Karlsson E. K., 65 W 107th
Katz Samuel, 405 Lexington av
Katz & Feiner, 505 5th av
Kaufman Lewis R., 681 5th av
Kaufmann, Kilian & White, 110 E 23d
Kehoe Alfred L. & Co., 1 Beekman
Keimig Louis J., 347 5th av
Keister Geo., 56 W 45th
Kelley Frederic P., 437 5th av
Kellogg Fay, 32 Union sq E
Kendall Wm. Mitchell, 101 Park av
Kenneth W. D., 258 B'way
Kerby & Cali, 470 E Tremont av
Kerkow Chas., 101 Park av
Kimball & Roosa, 71 B'way
King Beverly S., 103 Park av
King Graham, 50 Church
Kinsila Ed. B., 228 W 42d
Kintzing Lester, Grand Central Term.
Kirby Edgar L., 169 W Tremont av
Kirby Henry & Petit J. J., 103 Park av
Kirby Walter B., 527 5th av
Klaber Eugene H., 101 Park av
Klaber John J., 225 5th av
Knapp Horace Greeley, 235 Fulton
Knoche Gottfried, 516 E 72d
Knowles Harry P., 52 Vanderbilt av
Knowles Wm. W., 35 W 39th
Knowles & Bassoe, 280 Madison av
Knubel John H., 305 W 43d
Knust Leo F., 110 W 40th
Koch W. Tilden, 3131 Hull av
Koechl Otto R., 15 E 40th
Koehler V. Hugo, 2 Columbus Cir.
Koelble Henry A., 114 E 28th
Koen Terence A., 244 5th av
Koenig Adolph A., 405 Lexington av
Kohn Robert D., 56 W 45th
Kolbe Arno, 244 5th av
Kolberk A., 577 8th av
Koppe Wm., 830 Westchester av
Kramer Geo. W. & Son, 1 Madison av
Krapp Herbert J., 114 E 16th
Kreymborg Architectural Co., 1029 E 163d
Krug Geo. E., 320 5th av
Kurtzer William, 1753 Boston road
Ladd Carrol W., 52 Vanderbilt av
La Farge & Morris, 101 Park av
Lamb Thos. W., 644 8th av
Lambert Wm. A., Woolworth bldg
Landsman Geo. M., 230 Grand
Lang Eugene J., 477 5th av
Langer Nathan, 81 E. 125th
Larkin E. L., 259 W 34th
La Velle Paul B., Inc., 103 Park av
Lawlor Jno. J., 207 W 34th
Lawlor & Haase, 69 Wall
Lawrence Warrington G., 225 5th av.
Lawton Geo. M., 30 E 42d
Lee & Hewitt, 1123 B'way
Leer Leopold C. E.
Leeming Woodruff, 381 4th av
Lehlbach Edward 507 5th av
Leo John P., 770 St. Nicholas av
Leonard G. Francis, 5 Beekman
Levi Julian Clarence, 105 W 40th
Levingson S., 101 W 42d
Levitan Benj., 10 E 38th
Levy Emilio, 331 Madison av
Licht Geo. A., 126 E 38th
Lion Henry S., 512 5th av
Lindeberg Harrie T., 2 W 47th
Lindenmeyer Ludwig, 37 E 28th
Lindsay Andrew, 37 Liberty
Lippert F. G., 62 W 45th
Litchfield Electus D., 477 5th av
Little & O'Connor, 103 Park av
Lobo Arthur, 105 W 40th
Lockwood, Greene & Co., 101 Park av
Loeb Laurence M., 37 E 28th
Lord Hewlett, 345 5th av
Lovell Clinton P., 30 E 42d
Lowell Guy, 225 5th av
Lowinson Oscar, 366 5th av
Lubschez Ben. J., 601 W 177th
Lucas Herbert, 2 W. 45th
Luce Clarence, 52 Vanderbilt
Ludlow & Peabody, 101 Park av
Lyall Earl H., 334 5th av
Lynch Elliott, 341 5th av
Lyons Robt. T., 52 Vanderbilt av
McCabe Geo. M., 96 5th av
McCrea A. Wallace & Co., 101 Park av
McDowell J. Harold, 44 W 34th
McElfatrick Wm. H., 701 7th av
McGlashan Norman, 1123 B'way
McGrath Dudley, 175 5th av
McGuire Jos. H., 101 Park av
McKee Robert J., 334 5th av
McKenzie, Voorhees & Gmelin, 1123 B'way
McKim, Mead & White, 101 Park av
McLaughlin J. W., 120 E 30th
McQuade Walter, 101 Park av
MacKenzie Clinton, 15 Broad
Mackenzie Jas. C. Jr., 331 Madison av
Mackintosh Alexander, Bible House
Magonigle H. Van Buren, 101 Park av
Maher Jas S., 431 W 14th
Mainzer H. R., 105 W 40th
Major Howard, 597 5th av
Mann & MacNeille, 70 E 45th
Marcus Bertram N., 347 5th av
Margon Irving, 370 E 149th
Markowitz Phillip, 405 Lexington av
Markwith Roland I., 111 5th av
Marlow Frank S., 470 4th av
Marsh & Gette, 46 Cedar
Marshall Henry Rutgers, 3 W 29th
Masqueray Emmanuel L., 16 E 23d
Massarine Wm. G., 15 E 40th
Mathesius F., Jr., 320 5th av
Mathews Chas. T., 30 W 57th
Mathews John E., 4190 Park av
Maynicke & Franke, 25 E 26th
Mead Wm. Rutherford, 101 Park av
Meader Herman Lee, 2 W 33d
Meehan Jas F. (& Builder), 1029 E 163rd
Meek James Edwin, 470 4th
Meeks Everett V., 52 Vanderbilt av
Megirian Jno., 38 W 32d
Mellen & Walker, 101 Park av
Mellon Edward P., 52 Vanderbilt av

Menconi & Ardolino, 335 W 24th
Merrill Geo. E., 109 Broad
Merritt Mortimer C., 1170 B'way
Mersereau Wm. H., 32 B'way
Mertin Adolph, 34 W 28th
Metcalfe Louis R., 2 W 47th
Metzger Geo. C., 18 E 41st
Meuron F. A. de, 31 E 27th
Meyer Theodore A., 114 E 28th
Meyers Chas. B., 1 Union sq
Miller Chas. E., 111 Nassau
Miller Wm. P., 303 W 47th
Milliken H. O., 331 Madison av
Mills J. Layng, 597 5th av
Mizner Addison C., 431 5th av
Monckmeyer F. W., 261 B'way
Montgomery H. P. Alan, 105 W 40th
Moore Frank A., 52 Vanderbilt av
Moore W. S., 30 E 42nd
Moore & Landsiedel, 3d av & 148th
Moran Wm. Edgar, 15 W 38th
Morris Chas., 16 E 23rd
Morse Henry G., 101 Park av
Mortensen & Co., 405 Lexington av
Moses Lionel 2d, 101 Park av
Mowbray & Uffinger, 56 Liberty
Muller Bernhardt E., 477 5th av
Muller Max, 115 Nassau
Mulliken Harry B., Park av & 41st
Mullin Charles Whitely, 507 5th av
Murchison Kenneth M., 101 Park av
Murgatroyd Everett F., 2764 Morris av
Murphy & Dana, 331 Madison av
Myers Nathan, Woolworth bldg
Nash Arthur C., 345 5th av
Nash Thos., 52 Vanderbilt av
Nast Adolph E., 546 5th av
Necarsulmer Edward, 507 5th av
Nelson & Van Wagnen, 15 W 38th
Neville & Bagge, 105 W 40th
Newman Thos. L., 2236 Ellis av
Newman & Harris, 1123 B'way
Nitchie John E., 61 Park Row
Nolan John F., 124 W 36th
Nordheim Henry, 1087 Tremont av
Oakman Jno., 345 5th av
O'Brien Morgan M., 49 E 90th
O'Connor Jas. W., 3 W 29th
O'Connor Michael J., 103 Park av
Ogden Palmer H., 105 W 40th
O'Neil Francis A., 108 Fulton
Orchard Wm. H., 9 E 40th
Otto Carl L., 45 B'way
Paddon Harold E., 120 Broadway
Paff Chas. & Co., 38 Park row
Pallme Edw. F., 3 W 29th
Palmer & Hornbostel, 63 William
Panaro P., 489 5th av
Parfitt Albert E., Woolworth bldg.
Parish & Schroeder, 280 Madison av
Parker Gurdon S., 10 E 43d
Parry Oliver R., 115 B'way
Parsons Floyd Y., 1133 B'way
Parsons Robert E., 28 E 49th
Patterson & Dula, 15 E 40th
Pauli Augustus C., 331 Madison av
Peabody, Wilson & Brown, 389 5th av
Peck Chas. F., 5 E 42d
Peck Laurence F., 599 5th av
Peker Chas. G., 345 5th av
Pelham Geo. F., 30 E 42d
Pell F. Livingston, 122 E 25th
Pelton Henry C., 35 W 39th
Pennington Pleasants, 52 Vanderbilt av
Pereira Percival R., 150 Nassau
Perkins Frank E., 225 5th av
Petit John J., 103 Park av
Phelps Stowe, 20 W 43d
Phillipps R. Stenner, 223 W 33d
Phillips Alexander, 160 5th av
Phillipps R. Stenner, 223 W. 33rd
Phillips Wm. S., 103 Park av
Phyfe Lloyd I., University av & Wash bridge
Pickering Arthur D., 103 Park av
Pilcher Lewis F. (State Architect), 109 Lexington av
Pilcher & Tachau, 109 Lexington av
Pirner Anton, 2069 Westchester av
Pisciotta Lucian, 391 E 149th
Pittman Henry C., 114 Liberty
Platt, Chas. A., 101 Park av
Platt Fred'k P., 1123 B'way
Pohle Geo. H., 122 E 25th
Polhemus & Mackenzie, 15 E 40th
Pollard Geo. Mort., 347 5th av
Poole Thos. H. & Co., 13 W 30th
Pope Jno. Russell, 527 5th av
Pope Theodate, 15 E 40th
Post Geo. B. & Sons, 101 Park av
Post J. Otis, 101 Park av
Post Wm. S., 101 Park av
Potter Howard N., 35 E 30th
Potter Wilson, 1 Union sq W
Prager Raphael, 149 B'way
Pratt Carroll H., 103 Park av
Price H. Brooks, 105 W 40th
Prochazka Ferdinand, 1 Madison av
Provot George, 104 W 42d
Pryor R. T., 52 Vand. av
Purdy W. S., 320 5th av
Putzel Jos., 29 W 34th
Quinby Frank H., 99 Nassau
Radford Architectural Co., 345 5th av
Rahmann W. H., 95 Liberty
Rainbow John R., 9 E 40th
Rainsford W. Kerr, 665 5th av
Randolph W. S., 200 W 99th
Rappold Geo. W., 110 W 40th
Rasmusseen & Wayland, 1133 B'way
Raymond W. Oakley, 1123 Broadway
Regelmann Henry, 133 7th
Reh I., 320 5th av
Reid Wilfred C., 1023 Summit av
Reiley Robt J., 477 5th av
Reissman Otto, 147 4th av
Remick Arthur T., 15 W 38th
Renwick, Aspinwall & Tucker, 8 W 40th
Renwick Wm. W., 38 W 32nd
Reynolds K. G., 5 W 16th
Rice Oran W., 8 W 40th
Rich & Mathesius, 320 5th av
Richardson Wm. Symmes, 101 Park av
Richter Chas. H., 39 Cort
Rieser Ely J., 1st av & 28th
Rieser Solon J., 653 1st av
Riggs John T., 105 W 40th
Rinderman Henry V., 1031 So blvd
Ringsworth Chas. R., 120 B'way
Robertson R. H., 331 Madison av
Robertson T. Markoe, 331 Madison av
Robinson F. Delancey, 25th & B'way
Robinson F. L., 30 E. 42nd
Rockart John R., 244 Madison av
Rocken Philip J., 15 E 40th
Rockrise & Shiota, 366 5th av
Rockrise Thos. S., 105 Audubon av
Rogers H. Lincoln, Municipal bldg
Rogers Jas. Gamble, 470 4th av
Rogers Pliny P., 477 5th av
Rogers Wm. J., 50 E 42d
Rohl Richard, 42 E 23rd
Romeyn Chas. W., 55 B'way
Rooke Frank A., 489 5th av
Rose Charles Fred'k, 110 W 40th
Ross & McNeil, 39 E 42d
Ross Albert R., 15 E 40th
Rossiter & Muller, 15 W 38th
Roth Emery, 119 W. 40th
Rouse & Goldstone, 512 5th av
Rousseau Co., 2 E 23d
Rowe & Smith, 1123 B'way
Rowley John F., 477 5th av
Russell Wm. J., 25 W 42d
Santangelo L. B., 2471 8th av
Sass & Springsteen, 32 Union sq
Satterlee & Boyd, 3 W 29th
Satterthwaite Pennington, 345 5th av
Savignano Ferd, 18 E 41st
Sawyer Philip, 50 E 41st
Schaeffler Joseph C., 38 W 32d
Schafler S. B., 80 Maiden la
Scharsmith Jno. E., 523 W 146th
Schefcik Frank J., Park av & 176th
Scheier John H., 25 W 42d
Schelling Geo., Mad. Sq. Gdn. Tower
Schenck & Mead, 105 W 40th
Schiavone Frank P., 4182 Park av
Schmitt Anthony F. A., 604 Courtlandt av
Schneider Walter S., 665 5th av
Schoen Eugene, 106 E 19th
Schonewald Geo. A., Grand Cen. Term.
Schubert C., 366 5th av
Schumann Chas. H., 280 B'way
Schwartz Morris, 190 B'way
Schwartz & Gross, 347 5th av
Scopes & Feustmann, 15 W 38th
Scott David C., 358 5th av
See Milton, 15 E 40th
Sefert Clarence L., 2010 B'way
Segal Nathan (& engineer), 577 8th av
Schefcik F. J., 788 E 175th
Seifert Karl F. J., 30 W 42nd
Semsch O. F., 109 Broad
Senn Edw. R., 126 E 38th
Serracino Nicholas, 1170 B'way
Severence H. Craig & Van Alen Wm., 4 W 37th
Seymour Chas. F., 258 E 138th
Seymour Chas. H., 766 Jackson av
Seymour & Schonewald, Grand Cen. Term
Shape & Bready, 220 W 42d
Shawhan Romer, 50 E 42d
Sheinart Louis A., 194 Bowery
Shepard Augustus D., 36 E 23rd
Shepard B. H., 97 Warren
Sheres Chas., 460 E 10th
Shire Edward I., 373 4th av
Short Chas. W., Jr., 33 W 42d
Shreve R. H., 52 Vanderbilt av
Silkworth Chas. E., Jr., 258 B'way
Simonson B. Hustace, 315 5th av
Slayter Chas. Keeler, 40 E 53d
Sloan & Kilgour, 1182 B'way
Slocum S. Gifford, 101 Park av
Small Franklin M., 265 B'way
Smallwood Robert F., 569 5th av
Smith Bowen B., 104 W 42nd
Smith Henry A., 52 Vanderbilt av
Smith J. Andre, 15 E 40th
Smith Lucien E., 2 W 47th
Smith Oscar B. Jr., 25 Madison av
Smith Wm. D., 52 Vanderbilt av
Smith Wm. Neil, 101 Park av
Smith Wm. W., 82 Wall
Smith & Ross, 15 E 40th
Sneden Arthur Durant, 149 B'way
Snelling & Metcalfe, 15 W 38th
Snook John B. Sons, 261 B'way
Snyder C. B. J., 500 Park av
Soldwedel & Tattan, 45 E 57th
Somerville Wm. L., 331 Madison av
Sommerfeld & Steckler, 31 Union sq
Spannhake Otto L., 13 Park Row
Stammers S. J., 320 5th av
Starrett & Van Vleck, 8 W 40th
Stegmayer Charles, 168 E 91st
Steinam Jos. L., 40 W 32d
Steinback G. E., 15 E 40th
Stenhouse, J. Armstrong, 681 5th av
Stephenson H. Pendleton, 262 Pearl
Stephenson Robt. S., 2 W 45th
Stephenson & Wheeler, 2 W 45th
Stern Benj. E., 56 W 45th
Sterner Fred'k J., 154 E 63rd
Stever Arthur J., 55 Broadway
Stillman Michael, 124 E 25th
Stockton Louis L., 35 W 39th
Stoddart Wm. L., 9 E 40th
Stokes I. N. Phelps, 100 William
Stone Fred'k S., 55 B'way
Stoughton & Stoughton, 96 5th av
Strack Otto, 220 E 23d
Straub Chas. M., 147 4th av
Straub Frank, 25 W 42d
Streeton Geo. H., 31 E 27th
Strong Mason R., 7 Wall
Strout Wm. A., 81 Fulton
Struthers Robt., 13 W 30th
Sugarman M. H., 681 5th av
Summerville F. M., 949 B'way
Sutcliffe Arthur T., 109 Broad
Swartwout Egerton, 18 W 34th
Swasey Wm. A., 47 W 34th
Tandy V. W., 1931 B'way
Tatton H., 45 E 57th
Taussig Hugo, 1476 B'way
Taylor Alfred H., 138 W 65th
Taylor Alfredo S. G., 105 W 40th
Taylor & Mosley, 40 Wall
Teale Oscar S., 240 B'way
Teichman Robt., 20 Old Slip
Terwilliger D. W., 1 W 34th
Thain Chas. C., 52 Vanderbilt
Thinnes Jacob Jr., 299 Madison av
Thomas Andrew J., 137 E 45th
Thompson G. Kramer, 101 Park av
Tiemeyer John H. Jr., 17 W 44th
Tillack & Foster, 150 Nassau
Tillion P. & Sons, 280 Madison av
Tilton, Edward L., 52 Vanderbilt av
Timmis & Chapman, 315 5th av
Tompkins John Almy, 20 W 43d
Tooker & Marsh, 101 Park av
Towner Wm. T., 366 5th av
Townsend, Steinle & Haskell, 1328 Broadway
Tracy & Swartwout, 18 W 34th
Tremont Archl. Co., 1910 Webster av
Trowbridge & Ackerman, 25 W 44th
Trowbridge & Livingston, 527 5th av
True Clarence & Son, E 42nd & Lexington av
Truex Fred'k M., 1170 B'way
Tryon Thos., 70 E 45th
Tsuma Numa I., 105 Audubon
Tubby Josiah Thomas Jr., 81 Fulton
Tubby Wm. B., 81 Fulton
Tucker Fitz-Henry Faye, 8 W 40th
Tuthill Wm. Burnett, 105 E 22d
Tuttle Bloodgood, 44 W 34th
Tuttle Harry W., 437 5th av
Tuzo Paul B., 122 E 25th
Upjohn Hobart B., 456 4th av
Upton H. Desmond, 381 4th av
Valentine & Kissam, 25 Madison av
Van Auken Geo. H., 1265 B'way
Vander Bent T. J., 101 Park av
Vander Clute W. W., 55 B'way
Van Pelt Jno. V., 381 4th av
Van Valkenburg Carlton, 300 5th av
Van Vleck & Goldsmith, 111 5th av
Varian Bros., 400 Oliver pl

NEW YORK—New York—continued
Varian Chester C., 741 E 232d
Varon David I., 309 B'way
Very Samuel R. T., 70 E 45th
Vickers A. (N. Y. Cent. R. R.), 70 E 45th
Visscher Theo. C., 299 Madison av
Vitalo Frank E., 16 E 23d
Voelker John Ph., 979 3d av
Vollmer & Beersman, 18 W 34th
Volz Chas., 2 W 45th
Wagner Stewart, 7 E 42d
Waid D. Everett, 1 Madison av
Walker A Stewart, 128 E 37th
Walker Harry L., 19 W 44th
Walker Hobart A., 437 5th av
Walker Russell Tracy, 52 Vanderbilt
Walker W. Leslie, 103 Park av
Walker & Gillette, 128 E 37th
Walker & Ward, 52 Vanderbilt av
Wallach J. B., 280 Madison av
Wallick & Terwilliger, 103 Park av
Wallis & Goodwillie, 56 W 45th
Walther Bart. & John P., 147 E 125th
Wandke W. G., 331 W 14th
Ward Frank F., 203 B'way
Ware Arthur, 1170 B'way
Ware Jas. E. & Sons, 1170 B'way
Warren Chas. F., 150 Water
Warren & Clark, 108 E 29th
Warren & Wetmore, 16 E 47th
Waterbury H. S., 126 E 38th
Watson John C., 271 W 125th
Wayland Harry C., 1133 B'way
Webb Gregory B., 104 W 42d
Weekes H. Hobart, 452 5th av
Weeks Louis S., 101 Park av
Wehrlin Edw., 309 B'way
Weiher Lorenz F. J., 271 W 125th
Weiser Arthur, 271 W 125th
Weissenberger W. Jr., 32 Union sq
Welch Alex. M., 101 Park av
Wells Geo. H., 10 E 43d
Wells J. Hollis, 32 Nassau
Werner & Windolph, 27 W 33d
Westervelt J. C., 36 W 34th
Whinston B. H. & C. N., 509 Willis av
Whitaker Morris M., 249 B'way
Whitfield Henry D., 160 5th av
Whitehead H. B., 10 E 43d
Whitehead Russell F., 132 Madison av
Whiting Frank P., 103 Park av
Whiton Aug. S., 101 Park av
Wiegund W., 45 W 34th
Wilbur Edwin, 25 W 42nd
Wilder & White, 50 Church
Wilkinson Henry W., 15 W 38th
Williams Elwood, 500 5th av
Williams Walter, 303 5th av
Wilson & Visscher, 299 Madison av
Wirsching Louis Jr., 10 E 14th
Wiseman Harrison G., 507 5th av
Witt Ferdinand, 569 5th av
Wohlpart Adolph P., 2 W 45th
Wolfe John, 2 W 45th
Wood Arthur W. B., 103 Park av
Wood Geo. E., 103 Park av
Woods N. W., 47 W 34th
Woodruff H. B., 281 4th av
Woolsey Heathcothe M., 4 E 39th
Wortmann & Braunn, 114 E 28th
Wright Frank A., 110 E 23d
Wulff Chas. A., 340 Madison av
Yewell J. Floyd, 52 Vanderbilt av
York & Sawyer, 50 E 41st
Yost Joseph W., 105 W 40th
Young Edw. Lee, 118 E 28th
Young Harold L., 32 Union sq
Young Wm. E., 1931 B'way
Zacharius A. H., 45 W 34th
Zimmermann A. G., 11 E 24th
Zipkes Maximilian, 405 Lexington av
Zlot Harry, 63 Grand
Zobel Fred'k C., 35 W 39th
Zogbaum Harry St. C., 437 5th av
Zoller H. P., 2738 Kingsbridge terrace

Borough of Queens.

ASTORIA—Braun Frank, 585 9th av
Fischer Geo. J., 406 12th av
Hewitt Chas. W., 604 Academy
Schiller V. (& Builder), 391 10th av
COLLEGE POINT—Fehn Sidney M.
CORONA—Card I. P.
Di Blasi Alfred
Helm Wm. E.
Johnson Robt. W.
McIntyre William M.
Schneider Ed.
Schoeller A.
Varrone Crescent L.
ELMHURST—Rose Edw.
Comeau John F.
Hendry C.
Wells Geo. H.
EVERGREEN—Berger Louis & Co., 1652 Myrtle av
FAR ROCKAWAY—Cornell Jos. H., Mott av
Howard & Howard, O'Kane bldg
Smith Morrell, Bank bldg
FLUSHING — Cooper Gustave A., 75 Whitestone
Johnson Fred, 46 Prospect av
Kent Charles Nelson, 108 Jamaica av
Parsons Robert E., 371 B'way
Richardson A. Edw., 100 Amity
Wick Geo. W., 50 Locust
JAMAICA—Jeffery H. T. Jr., Butler bldg
Liebau Hans, Fulton
Spaulding W. H., 34 Bergen av
Thomas Otto, 354 Fulton
LONG ISLAND CITY—Anstey A. D., 1 Bridge Plaza
Baker John M., 9 Jackson av
Boese & Suter, Queens Plaza Ct. bldg
Chmelik Frank, 796 2nd av
Hahn Edward, Bridge Plaza
Hausman Nicholas W., Glen Cove
Korfmann Fred'k W., 406 9th av
Worrall Wm. S., Jr., Bridge Plaza N
RICHMOND HILL—Crane Geo. E., 615 Stoothoff av.
Dean Harry, 1035 Curtis av
Hadler W. E., 1432 Lefferts av
Haugaard Henry E., Hillside Bank bldg
Jeffrey Henry T. Jr. (& Builders), Butler bldg
ROCKAWAY BEACH—Berrian Edwd., Hollands
Caplan Philip, 16 Court
Kennedy W. T. & Co., Division av
Powers J. P. Co., 558 blvd
Shirkey C. G., Division av
Smith Jas. B., 404 Boulevard
ROCKAWAY PARK—Boerum & Farrell
Hogan Wm. A. (& Builder)
Rothchild W. S.

Borough of Richmond.

NEW DORP—Grunert James E., 2409 Rich. rd
PORT RICHMOND—Pelcher Harry W., Nat'l Bank bldg
Whitford E. K. (& Builder), 1457 Castleton av
STAPLETON—Loeffler Otto, 14 Jackson
TOMPKINSVILLE—Davies John, 177 Castleton av
Whitford James, S. I. bldg

(End of New York City)

NIAGARA FALLS—Featherley & Cannon, 727 Main
Kirkpatrick Norton, Gluck bldg
Larke Simon, 719 Main
Obenhack C. F., Gluck bldg
Phelps C. R., Gluck bldg
White Jas. R.,, Arcade bldg
Wright & Kremers, Gluck bldg
NORTH TONAWANDA—Johnstone Wm. O.
NORWICH—Cummings J. C.
Guard Roy
Hall Herman R.
NYACK—Buys Arthur Francis
Emery Henry G.
Smith E. Baldwin
OGDENSBURG—Williams & Johnson
Wilson Geo. E.
OLEAN—Brickell & Brickell (& at Bradford, Pa.)
ONEONTA—Epps Orlo
OSSINING—Applebee B. L.
OSWEGO—Cope L. Lynden
Seeber John H.
PALMYRA—Blaby Joseph H.
PATCHOGUE—Conklin Claude C.
Vrooman C. H.
PLATTSBURGH—Kalor Fred W. H.
Signor Ralph L.
PORT CHESTER—Ponty D. H., Jr.
Slater Howard P.
Ward W. A.
Wetmore W. S.
PORT HENRY—Curtis John B.
PORT RICHMOND—(See New York City, Borough of Richmond)
POUGHKEEPSIE—Beardsley Wm. J., 49 Market
Carpenter Du Bois, 45 Market
Freeman G. R., 56 Market
Ladow J. S., 47 Corlies av
Leeming & Wardner, 1 Washington
Rapelye Harry S., 150 Mansion
Ryder G. Leslie, 42 Market
Smith Edward C., 39 Market
RENSSELAER—Gardiner Clarence H.
Shoemaker James D.
Teeling Walter W.
RHINEBECK—Decker R. A.
RICHMOND Hill—(See New York City, Borough of Queens)
RIVERDALE - ON - HUDSON — Baum Dwight J.
RIVERHEAD—Blume Edwin H.
Skidmore Geo. H.
ROCHESTER—Ade Carl C., 344 East av
Allen Truman A., 860 Dewey av
Arnold & Stern, East Av bldg
Barrows Chas. S., 344 East av
Block & Diemer, Mercantile bldg
Bragdon Claude F., Cutler bldg
Brazil & Drago, 62 State
Brockett F. A., Cutler bldg
Brockett & Wood, Powers bldg
Byers Robt. S., C. of C. bldg
Campbell W. A., Cutler bldg
Chrisp Hugh P., Cutler bldg
Corbett Lawrence, 129 Weld
Crandall Chas. F., E. & B. bldg
Dryer O. W., Cutler bldg
Eldridge C. W., Cutler bldg
Foote, Headley & Carpenter, Carter bldg
Foster & Gade, Sibley bldg
Fowler Fred H., 329 Garson av
Fuehrer, Wm. J., 129 Clifford av
Gordon & Madden, 300 Sibley blk
Hartman Albert, State
Hatton Horace T., Cutler bldg
Hirschfelder Chas. M., 62 State
Hutchinson & Cutler, Cutler bldg
Larzelere H. L., Mercantile bldg
Leggett Clarence F., 179 Troup
Lempert Leon H. & Son, Cutler bldg
McCord & Ives, Powers bldg
Monks G. R. M., 148 Weld
Montgomery G. S., 17 Main, E
Newkirk Clement R., Cutler bldg
Nurse Howard B., Cutler bldg
Oberlies Jos. H., Granite bldg
Platt J. Mills, Cutler bldg
Rees Glenn M., Granite bldg
Robb, John A., 16 State
Siegel Abram, 259 Baden
Stern Leon, Chamber of Com. bldg
Tyler Jas. R,, German Ins bldg
Upham & Stickney, Cutler bldg
Van Ingen Hendrik, Cutler bldg
Vickery John W., Sibley blk
Walker, Livingston & Brackett, E. & B. bldg
Warner J. Foster, Granite bldg
ROCKVILLE CENTER—Abrahms F. M., Bungert P. J.
ROME—Kirkland F. W.
Schillner G. C.
Stedman Geo. O.
RYE—Robinson Henry J., Jr.
SAYVILLE—Green Isaac H.
SARANAC LAKE—Schrader Geo. F.
Scopes & Feustman
Symonds Wm. H.
Westhoff & Distin
SARATOGA SPRINGS—Brezee & Mallory
SCARBORO-ON-HUDSON—Arnold Clinton S.
SCHENECTADY—Atkinson Edw. G., 434 State
Davis Ed. L., 159 Clinton
Heidrich Chas. A., 423 State
Mynderse W. T. B., Scotia
Obenhaus-Nichols Co., 208 S. Senter
Stephans W. E., 208 S Chester
Van Rensselaer C. G., 175 Jay
SMITHTOWN—Potter, Robert Burnside, Antietam Farm
SPRING VALLEY—Eickoff O. S.
SYRACUSE—Adams, Norman W., 619 Summit av
Bonta E. W., Curney bldg
Brockway A. L., Third Bank bldg
Clifford Frank E., 117 James
Conway Merritt C., 211 Furnam
Curtis C. M., 301 Tallman
Flick Ira C., Snow bldg
French Mansfield J., Snow bldg
Gaggin & Gaggin, University blk
Gillette Thurber J., 811 Park
Granger Merton E., 474 S Salina
Hallenbeck Earl, 307 Maple
Holden Benj. Edwin, City Hall
Howard Edw. A. & Son, Bastable bldg
La Vaute N. H., 1st National Bank bldg
Makepeace & Makepeace, Everson bldg
Mangin Thos. F., 332 S. Salina
Meehan James D., 1511 First North
Phoenix Harry D., Union bldg
Randall James A., S. A. & K. bldg
Revels Frederick W., Syracuse University
Russell & King, Snow blk
Sackett & Park, Syr. Sav. Bank bldg
Slack Wm. H., 210 Barrett

Taber & Baxter, Gurney bldg
Taylor & Bonta, Gurney bldg
Tracy E. Page, 838 Ackerman av
Wilsey Chas. D., S. A & K bldg
Wright Gordon A., City Bank bldg
TARRYTOWN—Blouin Jos. Jr.
Doyle Thomas, North Tarrytown
Russell Benton S.
TROY—Clark W. E., 506 Frear bldg
Cummings M. F. & Son, Natl. State Bank bldg
Demers & Mosley, Union Natl. Bank bldg
Fielding Harry P., 97 College av
Hatch Wm. W., 251 B'way
Lee Stanton P., 55 Third
Loth Edw. W., 253 B'way
Millman L. N., Stoll bldg
TUCKAHOE—Bennett R. A.
Kilthan Gustave
UTICA—Agne, Rushmer & Jennison, Arcade bldg
Bagg Egbert, Clarendon bldg
Berg Edward J., 223 Elizabeth
Cooper & Bagg, Clarendon bldg
Decker Harry M., 609 B'way
Frank Walter G., Clarendon bldg
George Richard A., 69 Genesee
Gouge & Ames, 70 Genesee
Haberer Felix H., 1510 High
Hobbes Jno. A., Stewart bldg
Hubbard Melvin H., Paul bldg
Jackson G. Edwin, Clarendon bldg
Jones Harvey A., Georgitso bldg
Kiehm Chas. (Mill Archt), Gardner bldg
Kinne Linn, Mayro bldg
Stroebel Wm. L., Martin bldg
Williams T. H., 207 Bleecker
WATERLOO—Van Kirk M. L. & Son
WATERTOWN—Eaton & Brownell (Specialty Mills), Sherman bldg
Griffin J. W., Savings Bank bldg
Hamilton Geo. A., Jefferson Co. Bk bldg
Hunter Jno. D., 335 Sterling
Kieff D. D., 24 Flower bldg
Lansing A. F., Sherman bldg
Oliver Geo. D., 9 Dewey av
Skinner A. M., Roth bldg
Staege & Dewey, Charlebois Bros. bldg
WESTHAMPTON BEACH—Bishop Leonard H.
WHITE PLAINS—Brown Frank Horton
Greenfield Robt. A., 15 Court
Moore Jno. C.
Petry Louis M.
Swartwout Russell G.
YONKERS—Birmingham J. Edward, Warburton bldg
Brady Wm. M., 15 Alexander av
Briganti Domenico, Philipsburgh bldg
Brown Elliott L., 506 B'way
Carr Frank A., 69 Douglas av
Chamberlain G. Howard, 18 S B'way
Cowles Geo. S., 8 Getty sq
Garetner Otto, 339 Palmer av
Heaby Wm., 288 Hawthorne av
Katz Wm. P., 12 N B'way
Kirst J. Wilfred, 12 N B'way
Kodak Stephen J., 34 Warburton av
Phillips Frank, 79 Morningside av
Quick H. Lansing, 18 S B'way
Rayner Geo. & Sons, 13 Warburton av
Schonbach Anton, 18 S B'way
Snyder Wm. F. Radford bldg
Tait Wm. O., Rossmore av
Thorn Louis F., 18 S B'way
Van Suetendael Arthur J., 15 N B'way
Walsh Harold V., B'way cor. Shady la
Watson Jas A., 34 Warburton av

NORTH CAROLINA.

ASHEVILLE—Chum Chas. H.
Claudius Henry F.
Davis T. E.
East Wm. J
Lord Wm Henry
Parker Chas. N., Electrical bldg
Smith & Carrier
CHARLOTTE—Asbury Louis H.
Biberstein R. C. (Mill Arch. & Eng.)
Bonfoey F. L.
Hook Chas. C.
Hunter & Gordon
McMichael J. M.
Peeps Wm. H.
Rogers W. G.
Wheeler & Stern
DURHAM—Linthicum Hill C. & H. Colvin
Rose Garland R.
ELIZABETH CITY—Kramer, J. B.
FAYETTEVILLE—Thain T. T.
GOLDSBORO—Boney Leslie N.
GREENSBORO—Armfield G. W.
Barton Harry
Brewer W. L.
Weston F. A.
HENDERSONVILLE—Stillwell Erle G.
HICKORY—Herman Q. E.
LEAKSVILLE—Hopper James C.
LOUISBURG—Davis M. Stuart
LUMBERTON—Russell J. M.
MT. GILEAD—Haywood Wm. T.
NEWBERN—Simpson H. W.
RALEIGH—Briggs Jno. D.
Hartge C. E.
Keller H. P. S.
Kennedy J. M.
Salter J. A.
Simpson Frank B.
Thomson Frank K.
ROCKY MOUNT—Stout Jno. C.
SALISBURY—Ramsay John E.
SOUTHPORT—Rappleyea Geo. W.
WASHINGTON—Miller C. C.
WILMINGTON—Bonitz Henry E.
Gause & Lynch
Leitner J. F.
Perry Samuel E.
Stephens Burett M.
WILSON—Benton & Benton
Moore S. B.
WINSTON-SALEM—Hendricks G. C.
Hill J. R.
Humphreys C. Gilbert
Keeney, H. M.
Northrup & O'Brien

NORTH DAKOTA.

BISMARCK—Van Horn & Loven, 209 7th
DEVILS LAKE—Shannon J. A.
FARGO—Ashelman & Gage
Crabbe S. F.
Hancock Bros.
Haxby & Gillespie
Kurke W. F.
O'Shea A. J.
GRAND FORKS—Bjorge Chas. N.
Edwards W. J.
Kech Bert D.
Ross W. H.
Winslow Harold E.
MANDAN—Ressler Nick
MINOT—Stacy-Judd Robert
Woodruff J. C.
VALLEY CITY—McFarland E. H.
WILLISTON—Juelson Edwin

OHIO.

AKRON—Boenisch & Kraus, Ohio bldg
Cooley C. D. Co., 265 Bowery
Fichter & Brooker, 2 Nat'l Bk. bldg
Frank, Wagner & Mitchell, Permanent Title bldg
Ginther Wm. P., Everett bldg
Haglock Fred W., Akron Sav. & Loan bldg
Harpster & Bliss, Nantucket bldg
Henry & Murphy, 2d Nat'l Bk bldg
Lauer M. P. Hamilton bldg
Mantz N. A., 234 Spicer
Trowbridge & Ackerman, Ohio bldg
Weary F. O., E. Market
Weise "Nborn" Ralph, 645 N. Howard
ALLIANCE—Matchett W. W.
ASHTABULA—Wilson John L.
BARNESVILLE—Patterson B. C.
BELLEFONTAINE—Shawver John L. & Bros.
BOWLING GREEN—Minor W. H.
Stewart S. P. & Son
Strong L. T.
BREMEN—Ricket C. W.
BRIDGEPORT—Lindsay James
BUCYRUS—Unger William
CAMBRIDGE—Orr Jno. F.
Petrikin J. G.
CANTON—Arbaugh R. B.
Firestone Charles E. Co.
Herrman Edmund
Tilden Guy & Son
Wagener H. J.
CELINA—Vonder Horst Jos.
CHILLICOTHE—Schweitzer John
CINCINNATI—Baldwin Bert L., Perin bldg
Bausmith & Drainie, Gerke bldg
Boll John H., 621 Main
Bostrom R. E., Pickering bldg
Burroughs G. C., Union Trust bldg
Carpenter & Weldon, Pickering bldg
Cordes H. W., Union Trust bldg
Davis David, 41 E. 4th
Dean Arthur D., 4611 Main av (Norwood)
De Camp Benj. C., Neave bldg
Deeken John Henri, Union Trust bldg
Dittoe, Fahnestock & Ferber, Carew bldg
Dornette Edward H., Pickering bldg
Drach Gustave W., Union Trust bldg
Elzner A. O., Citizens Bank blg
Elzner & Anderson, Citizens' Nat'l Bk. bldg
Fechheimer A. Lincoln, Union Trust bldg
Fisher Martin, 2156 Central av
Foster C. M., Mer. Library bldg
Franklin Wm. W. & Son, Commercial Tribune bldg
Garber & Woodward, Union Central bldg
Glaser Emile F., Gerke bldg
Godley S. S. & G. H., Neave bldg
Hake Harry, Telephone bldg
Hannaford S. & Sons, Hulbert blk
Hart Jos. H., Atlas Bk. bldg
Hensgen Fred., 4118 Ballard av (Oakly)
Hooper Henry N., Lincoln Inn Court
House C. W. & Sons, 819 Madison av
Hughes B. S., Commercial Tribune bldg.
Hunt Roland E., First Nat'l Bk. bldg (Norwood)
Kau Max, 2241 Stratford av, Clifton Heights
Kegler E. R., Plaza Theatre bldg (Norwood)
Klein Albert F., Union Trust bldg
Kruckemeyer Edwd. H., St. Paul bldg
Kuball Albert C., Lincoln Inn Court
Kunz Anthony, Jr., 955 W. Court
Lindsay J. R., Kennedy Heights
McClorey Howard, Gerke bldg
Naylor M. E., 1319 Walnut
Owens Chas. S. (& Builder), 6739 Bramble av (Madisonville)
Pfeiffer Walter, 10 E. McMillan
Price Harry M., Mer. Library bldg
Rapp G. W., 1339 Chapel
Rieg Anton, 2554 Vine
Robinson W. Stanton, 326 Purcell av
Rueckert Jacob J., Blymyer bldg
Sax Moritz, 4th Nat'l Bank bldg
Schmitz Harley C. & J. J. (& Builders), 3344 Observatory rd (Hyde Park)
Schwartz Oscar, Provident Bank bldg
Schwarz Julius J., 1514 Elm
Sheblessy J. F., Blymyer bldg
Simms J. Clay, 2643 Colerain av
Sloctemyer Edward, Lincoln Inn Court
Smith & Heitmeyer, Atlas Bank bldg
Spielman H., Hulbert blk
Stegner & Hughes, Commercial Tribune bldg
Steinkamp Jos. G. & Bro., Mercantile Library bldg
Stewart James R. & Robt. W., Bell blk
Strong Chas. R., St. Paul bldg
Taylor Chas. C., Mitchell bldg
Tebow Newton, 519 Main
Thom John C. & Sons (& Builders), 4523 Glenway av
Tietig & Lee, Fourth Nat'l Bank bldg
Weber C. C. & E. A., Natl. Bk. bldg
Werner & Adkins, Mer. Library bldg
Wilson L. H., 10 W 4th
Wisenall Bernard T., 1st Nat'l Bank bldg
Zettel & Rapp, Johnston bldg
CLEVELAND — Archer-Frost Co., 1900 Euclid av
Babcock & Penton, Penton bldg
Badgley S. R., 6408 Euclid av
Baird Frederick, Bangor bldg
Barnum F. S., Board of Education bldg
Berman Sam'l J., Lennox bldg
Bohm G. B., Williamson bldg
Bohnard & Parsson, Euclid bldg
Briggs & Nelson, Rose bldg
Brown R. J., 10401 Barrett av
Cahill & Armstrong, Hippodrome bldg
Caldwell Walter G., Williamson bldg
Cameron James L., 1900 Euclid av
Chamberlin O. N., Schofield bldg
Clark Harlan M., New England bldg
Coghlan & Saunders, Electric bldg
Conner Theodore, Erie bldg
Cone Harry A., Schofield bldg
Corbusier J. W. C., Lennox bldg
Corning Burt W., Schofield bldg
Crowe M. A., Leader bldg
Davidson H. O., 10209 Somerset av, N. E.
Dercum & Beer, 4500 Euclid av
Di Camillo Raymond C., Williamson bldg
Dodds-Page Co. (Consulting), Lennox bldg

OHIO—Cleveland—continued
Dyer J. Milton, Cuyahoga bldg
Eisenmann John, The Arcade
Fish F. S., Superior bldg
Fraser James M., 44 Knowles (E. C.)
Frink Engng Co.
Frost B. E., 1900 Euclid av
Fulton & Taylor, Hippodrome bldg
Gabelle Henry C., 1900 Euclid av
Garfield Abram, Garfield bldg
Gawn, D., 11619 Detroit av
Gibbons E. F., Erie bldg
Goldfein E. H., Reserve Trust bldg
Graham John H., 1836 Euclid av
Greene Robinson, Williamson bldg,
Greco Chas. R., Guardnan bldg
Grieble G. A., Park bldg
Griffith F. Morrison, 11511 St. Clair av
Hall Wilbur M., Lenox bldg
Hammond Geo. F., 4220 Prospect av, S. E.
Hannon Arthur M., Garfield bldg
Harris Alf. W., Schofield bldg
Hatch Edw. G., 269 Rozelle av
Hinsdale Reynold H., Erie bldg
Hirsch Willard, Swetland bldg
Hodges W. W. Co., Schofield bldg
Hopkinson Chas. W., Rose bldg
Howell & Thomas, Cuyahoga bldg
Hradilek Henry, Illuminating bldg
Hroneck F. J. (& Engineer), Rose bldg
Hubbell & Benes, 4500 Euclid av
Hubby R. G., Caxton bldg
Huberty Ernest, 8017 Whitethorn av, N. E.
Hudson W. Asa, Williamson bldg
Hulett Ralph M. Co., Erie bldg
Janowitz A. F., 746 Euclid av
Jansen Wm. C., 813 Prospect
Jeffrey H. J., Union bldg
Johnson Geo. H., Citizens bldg
Kalsch John, 4500 Euclid av
Kauffman Architectural Co., Rose bldg
Kedian Walter Martin, Williamson bldg
King Geo. S., 746 Euclid av
Knox & Elliott, Rockefeller bldg
Koehl Wm., Park bldg
Logan & Rankin, Rockefeller bldg
Long & Long, Marshall bldg
Lougee Wm. S., Marshall bldg
Luzius P. H., 942 Prospect
McGrath J. P., Schofield bldg
Matzinger Paul, Caxton bldg
Mauer Herman W., Schofield bldg
Meade F. B. & J. M Hamilton, 1002 Garf
Miller J. M., Leader-News bldg
Mills, Rhines, Bellman & Nordhoff, Schofield bldg
Mitermiler A. S., 1592 94th pl, N. E.
Mooney Wm. J., Amer. Trust bldg
Morrow David W. (Archl. Engrs.), Garfield bldg
Morse H. M., Citizens bldg
Newson John Henry, Williamson bldg
Nicklas Wm. H., 1900 Euclid av
Oviatt A. N., Guardian bldg
Owen W. C., Leader-News bldg
Pennington Chas. S., 14707 Lake av
Petti N., 11805 Euclid av
Porter Harry L., Society for Savings bldg
Post Geo. B. & Sons, Schofield bldg
Potter Myron P., 8820 Carnegie av
Powell Wm. R., Hippodrome bldg
Richardson & Yost, Rockefeller bldg
Ritchie Geo. W., Leader-News bldg
Robinson P. E., Leader-News bldg
Ruggles Edd A., Rose bldg
Sabin Wm. Warren, New England bldg
Schneider Chas. S., 2248 Euclid av
Schneider & Potter, Cuyahoga bldg
Schweinfurth Chas. F., Garfield bldg
Scofield Levi T., Schofield bldg
Shaffer Matthew T., Citizens' bldg
Shimmin Harlen E., Wilbrandt bldg
Shupe Harry L., Marshall bldg
Skeel Albert E., Avenue bldg
Skeel Frank D., Vickers bldg
Smith Bros., Rockfir. bldg
Smith Edward E., Williamson bldg
Smith Geo. H., Colonial Arcade
Smith Walter H., Union bldg
Sprackling A. E., Caxton bldg
Stapf Otto K., Rose bldg
Starrett & Van Vleck, Cuyahoga bldg
Stedman Chas. R., 17906 Canterbury rd
Steffens & Steffens, Williamson bldg
Striebinger Frederic W., 1900 Euclid av
Swigart Herbert, Permanent bldg
Tenbush Garhard A., 1854 E 79th
Thomas Lewis W., Pythian bldg
Tousley Chas. E., 4500 Euclid av
Vetter H. G., United Bk. bldg
Vorce M. B. & Co., 10231 Ashbury av
Walker & Weeks, 1900 Euclid av
Walsh Henry A., Lennox bldg
Warner Franz C., Hippodrome Annex
Warner Jno., Marion bldg
Watterson Wm. R., Guardian bldg
Weis Max H., Park bldg
Weis S. H., Schofield bldg
White Charles F., Citizens' bldg
Wolf A. C., Swetland bldg
Wright & Hohl, American Trust bldg
COLUMBUS—Babbitt Edw. F., Hayden bldg
Bellows C. W., Ruggery bldg
Bradford Jos. N., Brown Hall, O. S. U.
Bryan Frank, Cols. Sav. & Trust bldg
Chubb Charles St. J., Jr., 237 17th av
Corbett Miss Ella M., Hayden bldg
Darst Otto C., Brunson bldg
Dawson Richard, Brunson bldg
Eiselt Henrich E., Cols. Sav. & Trust bldg
Elliott Fred'k W., Cham. of Com. bldg
Goldsmith Jacob S., Wheeler bldg
Gribben J. Upton, Col. Sav. & Tr. bldg
Holbrook Harry C., Outlook bldg
Howard & Merriam, 8 E Broad
Howell & Thomas, 151 E Broad
Inscho C. L., Brunsen bldg
Jones H. Chas., Grand Theatre
Jones J. A., Dispatch Annex
Julian V. S. & R. E., 576 N High
Marriott, Allen & Hall, 20 E Broad
Matheny, Allen & Mounts, Harrison Bank bldg
Mills Wilbur T., Co., 65 E Long
Mills & Millspaugh Co., 67 E Long
Mounjoy Carl H., Columbia bldg
Packard F. L., New Hayden bldg
Pruitt Edw. E., Hartman bldg
Richards McCarty & Bulford, Hartman bldg
Ridgeway J. A., 861 W Rich
Riebel & Sons, 1st Nat. Bk. bldg
Rusk & Sheets, Brunson bldg
Sheets Cree, New 1st Natl. Bank bldg
Sims Ray, Grand Theatre bldg
Snyder Ralph, Hayden bldg
Stribling & Lum, 85 N High
Todhunter H. H., Hayden bldg
Tremaine Wm. H., Cham. of Com. bldg
DAYTON—Brannon Chas. W., 17 E Cannon
Dexter & McCluer, Canby bldg
Gage & Gemin, 220 E 6th
Gebhart R. E., Callahan Bank bldg
German Howard W., Schwind bldg
Griffith Harry C., Canby bldg
Herby's Chas., Sons, U. B. bldg
Hughes Fred J. & Co., 38 S. Main
Jaekle W. L., U. B. bldg
Kayler J. Chalmers, 161 S. Woodward av
Lott Louis, Commercial bldg
McNeal David H., 333 N Salem av
Mountstephen Edw. J., U. B. bldg
Moyer A. F., Louis blk
Niehus Gustave A., Callahan blk
Pardoner John H. Jr., 313 S Jefferson
Peters, Herman & Brown, Reibold bldg
Pretzinger Albert & E. P. Musselman, Reibold bldg
Ritzert Oliver, Callahan Bank bldg
Schenck & Walker, Conover bldg
Schenck & Williams, Mutual Home bldg
Stacy W. H., 36 S Perry
Sutter Frank L., Louis blk
Thies & Thies, Davies bldg
Vance J. P., Louis blk
Walker Geo. R. & Co., Conover bldg
Williams Chas. I., 809 Grand av
DEFIANCE—Hale J. I.
DELAWARE—Schureman D. S. & Son
EAST LIVERPOOL—Martin J. B.
Metsch Cassius M.
EATON—Barrett Thos. A.
ELYRIA—Beal Earl E.
Rissmann Paul A.
Silsbee J. R.
FINDLAY—Forgeson J. & Son
Horn Geo. J.
FOSTORIA—Smith F. M.
FREDERICKSTOWN—Bradrick W. S.
FREMONT—Shilvey S. H. & R. H.
GALION—Jones Harlan
HAMILTON—Barkman Geo.
Lingler Wm. D.
Mueller Fred'k G.
IRONTON—Morgan Evan
Murray Ralph
KENTON—Strong Paul K.
LANCASTER—Crooks R. E.
Getz W. F.
Older G. B.
LIMA—De Curtins Andrew
Leech & Leech
McLaughlin & Hulsken
Matthews B. F.
Wade C. F.
LOGAN—Magoon M. A.
LORAIN—Ellis C. C.
Ford Hamilton E.
Rissman Paul A.
Wurmser H. O.
MANSFIELD—Althouse & Jones
Hursh Joseph
Redding Vernon
Seibert B. F.
MARIETTA—Hovey Geo. Walter
MARION—Ellis J. Lewis
Sloan J. J.
Zachman Ezra B.
MARTIN'S FERRY—Brown W. N.
MARYSVILLE—McCann E. G.
Weidman Bros.
MASSILLON—Herrmann Edmund
Wilhelm Karl E.
METAMORA—Young William & Son
MIDDLETOWN—Oeden Carl E.
MONTPELIER—Carpenter O. A. (& Bldr)
NEWARK—Hawkins O. J.
Patton Wm.
NEW PHILADELPHIA—Lewis J. E.
NILES—Souder C. P.
PAINESVILLE—Downer Frederick N.
PIQUA—Bowdle C. F.
PORTSMOUTH—De Voss W. A.
RAVENNA—Greene J. W.
SANDUSKY—Millott Henry C.
O'Donnell & Wolfe
Shively S. H. & R. H.
SIDNEY—Doran Jas. W.
Landenbach H. L.
SPRINGFIELD—Creger Edwin F., 107 W High
Drach Gustav N. & Wm. F. Miller
Gable R. F., Bushnell bldg
Gotwald Robert C., Gotwald bldg
Hall & Lethly, Fairbanks bldg
Shilling Wm. K., Fox Hollow Farm on S., T. & P. Ry
Smith Harry G., Fairbanks bldg
Stover A. W. Co., Fairbanks bldg
Whiting Junius F., 250 Cedar
STEUBENVILLE—Peterson & Clarke
TIFFIN—Ernst Chas.
Netcher George W.
TOLEDO—Aftel Sidney E., Ohio bldg
Bates & Gamble, Close Realty bldg
Becker Bernhard, Gardner bldg
Beelman Claude W., 2nd Nat'l
Bills C. H., Nicholas bldg
Buer Jacob L., 1846 B'way
Downey J. A., The Nasby
Fallis E. O., The Nasby
Gamble Charles M., 2412 Putnam
Gee Edwin M., Bd. of Education
Huber Jos. C., Jr., Ohio bldg
Huber Thomas F., The Spitzer
Hunt & Kopitke, The Spitzer
Kopitke & Krigge, Spitzer bldg
Langdon & Hohly, Nicholas bldg
Liebold H. Albin, Denison blk
Meyer Albert T., 1059 Newbury
Mills, Rhines, Bellman & Nordoff, Ohio bldg
Rheinfrank G. B., Gardner bldg
Schriber & Bellman, 2nd Nat. Bk. bldg
Stine David L., The Valentine
Stophelt Manfred M., Nasby bldg
Taylor & Main, Nashly bldg
Thal & Alfel, Ohio blk
Thurstin Wilber G., The Spitzer bldg
Tschumy & Co., 108 Summit
Wachter H. W., Nicholas bldg
Walker Forest E., 228 Main
Welker L. G., The Spitzer
Witker Edward F., 1619 Locust
TROY—Shilling W. Walter
WAPAKONETA—Uhler J. N.
WARREN—Davis, J. W.
Keich, R. J.
Sidells Byron T.
WASHINGTON COURT HOUSE—Hicks J. Howard
Sanders Wm.
WILMINGTON—Shepherd & Son
XENIA—Heaton Jno.
Owens H. W.
YOUNGSTOWN—Boucherle L. & Son, Stambaugh bldg
Clemons L. J.
Decker J. L., Stambaugh bldg
Ellenberger H. C., 1509 Market
Ellis Wm. J., 28 E Federal
Ford H. L., Hippodrome Arcade
Goldston F. J., Carlyle & Belmont
Hawk & Co., 150 N Royan av
Judd A. F., 141 E Federal
Kling & Zenk, Davis blk

Miller Louis, Stambaugh bldg
Miller & Son, Dollar Savings Bank
Ott C. J., K. of C. bldg
Owsley C. H. & C. F., Mahoning Nat'l Bank bldg
Skoog G. A., Mahoning Bank bldg
Stanley & Scheibel, Wick bldg
Thompson E. R., 524 Belmont av
Vaughn George, 13 Central sq
ZANESVILLE—Handshy C. E.
Meyer Harry C.

OKLAHOMA.

AFTON—Bast W. H.
ALVA—Green Cyrus P.
ARDMORE—White J. B.
BARTLESVILLE—Babcock L. H.
Everman Walton
CHICKASHA—Larson L. P.
Macklin & Faught
DURANT—Hicks Jewell
Jewett A. B.
EL RENO—Riley W. H.
ENID—Shaw R. W.
McALESTER—Walsh J. J.
MUSKOGEE—Dawson Charles W.
Hardin M. T.
Valeur H. O. & Co., Phoenix bldg
Whitlock J. A.
NEWKIRK—Jenkins Charles B.
OKLAHOMA CITY—Bailey & Bailey, Lawrence bldg
Bramblet & Huseman, Oklahoma bldg
Coady Edward, Scott Thompson bldg
Hair C. E. & Co., Terminal bldg
Hawk J. W., Security bldg
Layton & Smith, Majestic bldg
Schmidt W. T., 1625 W 10th
Weathers P. H., 605½ W California av
SAPULPA—Griffith Wm. M.
Popkin Charles Adrian
SHAWNEE—Davis A. C.
Peters E. J.
TULSA—Cross M. C.
Curtin & Co.
Eichenfeld Daniel
Globe B. G., Robinson Arcade bldg
Howard J. L.
Mott A. H., Robinson bldg
Robb J. W., Ohio bldg
Ruggles L. H.
Rush E. & Rush
Starr Jno. V.
Winkler Geo.

OREGON.

ALBANY—Burggraf C. H.
Jenkins A. C.
ASHLAND—Smith O. Everett
ASTORIA—Bartlett R. R.
Gendron A. D.
Himebaugh, C. M.
Wicks J. E.
CORVALLIS—Dobell R. H.
EUGENE—Bean O. R.
Hensil Y. D.
Hunzicker John
FOREST GROVE—Starrett F. M.
HERMISTON—Frick Howard A.
LA GRANDE—Slater John L.
LEBANON—Crandall A. I.
Kammerer Edward W.
MARSHFIELD—Chandler W. G.
Magnusson Fred.
Ostlind Benjamin
MEDFORD—Power Chas. O.
NORTH BEND—Griffin A. J.
PENDLETON—Howard Theo. F.
PORTLAND—Askwith, H. A., 292 E. 43d
Bailey L. R. & Co., N. W. Bk. bldg
Bennes John V., Chamber of Commerce bldg
Bonthron Jas., Beck bldg
Bowman F. E. & Co. (& Builders), Comcl. Club bldg
Bridges & Webber, Chamber of Commerce bldg
Browne P. Chappel, Mohawk bldg
Butterworth Stephenson Co. (& Builders), Couch bldg
Callahan M. J., Panama bldg
Camp & Du Puy, 426 E Alder
Carpenter N. A., 200 E 13th
Carter L. D., 287 Salmon
Clark J. B., Henry bldg
Claussen & Claussen, Macleary bldg
Dautoff J. D., Stock Exch. bldg
Deveroux Valentine, 345½ Washington
Dittrich Henry C., Worcester bldg
Downing W. H., Railway Exchange
Doyle A. E., Worcester bldg
Duke C. A., Failing bldg
Dunham G. F., N. W. Bk. bldg
Eastman G. A., Lewis bldg
Ertz C. W., Pittock blk
Ewart A. C., Beck bldg
Fancher H. M. & Co., Panama bldg
Goodrich & Goodrich, Abingdon bldg
Gould A. H., Henry bldg
Hoffmann E. J. T., 63 E. 71st
Houghtaling & Dougen, Henry bldg
Hundley J., Pittock blk
Jacobberger, Board of Trade
Johnson Folger, Esq., 693 Marshall
Johnson & Mayer, Oregon bldg
Jones T. J., 334 E 3d
Kleemann Otto, 155 E 14th
Knighton W. C., Tilford bldg
Kroner Ernst, Worcester bldg
Kuhne Paul, 165½ E 33d
Lawrence & Holford, Chamber of Com.
Lazarus Edgar M., Chamber of Com.
Lewis D. C., Couch bldg
Lewis, Ion, Wilcox bldg
Lucius & Martain, Lewis bldg
McClaran E. E., Lumber Exchange
Maclure A. J., Lewis bldg
MacNaughton & Raymond, Concord bldg
Miller E. A., 1816 Royal av
Morgan W. L. (& Builders), Morgan bldg.
Murray L. W., 120 E 14th
Naramore F. A., University Club
Neer Delos D., Spalding blk
Parker & Banfield (& Builders), Columbia bldg
Peterson S. C., 445 E. 58th
Pipes N. H., Henry bldg
Rich Charles C., Corbett bldg
Roath R. J., Mohawk bldg
Robbins C. C., Ainsworth bldg
Roberts Earl A., Selling bldg
Root & Kerr, Henry bldg
Schacht Emil & Son, Commonwealth bldg
Schacht-Martin, Pittock bldg
Sharp F. K., Selling bldg
Smith Alfred H., Esq., Bd. of Trade bldg
Smith & Griffiths, Gerlinger bldg
Stanley G. N., 668 Kearney
Starbird W. D., Spalding bldg
Stokes & Zeller Co., Chamber of Commerce bldg
Sutton & Whitney, Lewis bldg
Tegen R. F.. Morgan bldg
Thomas Lee A., Selling bldg
Thompson Lewis I., Central bldg
Tourtellotte & Hummel, Rothschild bldg
Wallwork C. H., Oregon bldg
Watkins & Son, 94 E 11th
Wessel Richard F., Pittock blk
Whidden & Lewis, Wilcox bldg
White F. Manson, Chamber of Commerce
Whitehouse & Fouilhoux, Ry. Exch. bldg.
Whitney Harrison A., Lewis bldg.
Williams D. L., Cham. of Com. bldg
Williams E. Francis, Alisky bldg
Williams H. A. McKay bldg
Wilson John G., 263½ Yamhill
Wrenn Werner, Lewis bldg
ROSEBERG—Holmes Bert
SALEM—Knighton W. C.
Legg Fred A.
Post Geo. M.
SHERWOOD—Watkins S. E. & Sons
THE DALLES—Crandall C. J.

PENNSYLVANIA.

ABINGTON—Curtis Henry Loomis
ALLEGHENY—(See Pittsburg)
ALLENTOWN—Cassone Joe H., 110 N. Penn
Jacoby & Weishambel, Commonwealth bldg
Moyer Tilghman H., 824 Hamilton
Pickin Ephraim M., Hunsicker bldg
Reilly John W., 802 Hamilton
Ruhe & Lange, 10 N 6th
ALTOONA—Bushman Thomas
Hersh & Hersh
Miliard Julian
Puderbaugh D. Geo.
Sholler F. J.
AMBRIDGE—Hill Robt. H.
Lord Herman A.
ARDMORE—Haws Harvey
Mason George C.
AVALON—Rosseau S. L.
BELLEFONTE—Cole Robert
BELLEVUE—Vandevort R. G.
BERWICK—Sitler C. E.
BERWYN—Allen Geo. W., West Orchard Way, in Dir.
BETHLEHEM—Shulz Arthur P.
Wiegner H. J.
BLOOMSBURG—Hower Henry
BOALSBURG—Boal Theodore Davis, Centre Co.
BRADDOCK—Rankin Jos. H.
Richards S. C. & Co.
Yost D. S.
BRIDGEVILLE—Rehman August
BROOKVILLE—Carr John & Son
BUTLER—Johnson O. C.
Kline Geo. W. (& Contr. Engr.)
CARBONDALE—Tiffany R. E.
CHAMBERSBURG—Rhoads M. R.
CHARLEROI—Brenton Jos. C.
CHESTER—Farnum Jas. J., Sr.
CLEARFIELD—Chapline John
COATESVILLE—Kerns & Carroll
COLUMBIA—Paules G. E.
COOPERSBURG—Jordan Grenaah
CORRY—Mount A. P. & Son
DANVILLE—Brugler J. H.
DEVON—Rogers T. Mellon
Thorne H. K.
DONORA—Compton C. C.
DORRANCETON—Marcy Geo. L.
DOYLESTOWN—Histand H. H.
Martin A. O.
DRAVOSBURG—Whitaker C. L.
DUBOIS—Harrington & Howard
Overdorf Wm. H.
DUNMORE—Hartman Albert
EAST STROUDSBURG—Hoffman Graydon
EASTON—Michler Wm. M.
Morgenstern Geo. A.
Shnyder J. M.
Weitzenfeld J. J.
Wenzelberger E. H.
ERIE—Cody C. Paxton, Downing bldg
Frank Joseph & Son, Scott bldg
Irvin, Richard & Co., Commerce bldg
Kirby Clement S., 757 E 6th
Lee Jos., 703 State
O'Sullivan Joshua C., Cadillac bldg
Sagramoso Alfonso, 25 W 7th
Schotte Armin, Palace Hardware bldg
Shutts & Morrison, Marine Bank bldg
Yard J. W. & Son, Penn bldg
ESPY—Hughes D. E.
FALLS CREEK—Lukehart A. L.
FARRELL—Decker J. L.
Johnson H.
FRANKLIN—Brady S. D.
Brakeman Harvey
FREELAND—Reichmann Theo.
GETTYSBURG—Crowe J. H.
GLENSIDE—Hammer Harry G.
Yerkes H. V.
GLENOLDEN—North Wm. F.
GREENSBURG—Bartholomew Paul A.
Nelson Edward J.
Sloan W. G.
Truxell Geo. H.
HANOVER—Hosteter O. H.
Myers I. M.
HARRISBURG—Bair M. N., 1911 Derry
Fahnestock Frank G., Jr.
Grove Geo. H., 213 Walnut
Hamilton Thos. H., 11 N. Market sq
Kain C. H., Arcade Bldg
Kast M. I., Commonwealth Tr. bldg
Kelker Thos. M., 16 N 2d
Lloyd C. Howard, Telegraph bldg
Markley R. R., Patriot bldg
Shoop Henry B., 14th & Walnut
HAVERFORD—Hastings T. Mitchell, Shadycroft
HAZLETON—Beck Chas. O.
Grosch Ernest L.
Schroeder Geo. F.
HOMESTEAD—Rowlands John C.
Wickerham Adam G.
HONESDALE—Weaver H. T.
HUNTINGTON—Dean O. J.
Hall J. Herbert
JACOBUS—William Charles A.
JENKINTOWN—Mayo Frank H.
JOHNSTOWN—Adams J. E.
Layton J. R.
Myton W. R.
Powell W. S.
Rogers Henry M.
Wild Geo.
KITTANING—Rairigh O. C.
LANCASTER—Bartholomew H. M., 39 E. Grant
Evans Melvern R., 10½ E Orange
Harman John B., 48 N Queens
Rothenberger Daniel M., 140 N Queen
Shaub Henry Y., N Queen & Chestnut
Urban C. Emlen, Woolworth bldg
LANSDALE—Bean M. B.
Conver S. S.

PENNSYLVANIA—continued
LANSDOWNE—Hoopes J. Willard
Lewis Edwin B.
Pedrick Harry Morrison
Salter Edw. D.
Taylor Walter L.
LATROBE—Slack P. S.
LEBANON—Boyer Geo. H.
Hauer & Mowere (& at Philadelphia)
LEWISTOWN—Montgomery Harry B.
LOCKHAVEN—Ball Charles
Blesh Alex
Tidlow Cliff
McKEESPORT—Lindemans Henry J.
Lohman H J.
Moffitt Charles R.
MAPLE GLEN—Mullen Wesley
MAUCH CHUNK—Prutzman M. G.
MEDIA—Flounders Newton
MIDDLEBURG—Stetler J. H.
MILLERSBURG—Douden Wm.
MONESSEN—Beall J. M.
Lohman J. A.
MONONGAHELA—Keller Frank P.
Yohe Geo. W.
MORRISVILLE—Stockham T. B.
MOUNT CARMEL—Strauser Clayton E.
NEW CASTLE—Eckles W. G.
Foulk Frank H.
Thayer & Thayer
Wirsing H. M.
NEW KENSINGTON—Easton Thos. G.
Laughlin Wm. J. (& Builder)
Nichols Bro.
NEWTOWN—Chamberlin James B.
NORRISTOWN—Boggs Edw. T.
Grater Ursinus
Henricks C. R.
NORTH WALES—Jarrett Chas. L.
NORWOOD—Boekenkamp E. G. Sr.
OIL CITY—Bailey E. E. Co.
Brenet Joseph P.
PHILADELPHIA—Abel Victor D., 112 S 16th
Adams A. M., 1012 Walnut
Adams Clyde S., 1509 Arch
Allen John D., 1724 S Broad
Anderson Julius J., Franklin bldg
Ashmead Duffield Jr., Franklin Trust bldg
Baily & Bassett, 421 Chestnut
Balderston Chas., 411 Walnut
Ballinger & Perrot, Methodist bldg
Baum Geo. C., 1511 Arch
Bell John C., 5743 Catherine (West Phila.)
Berger Carl P., S. Penn sq bldg
Bertolette Edw. F., 1614 Cherry
Bickley Geo. Howard, 1529 Chestnut
Bissell & Sinkler, Otis bldg
Biswanger C. Theo., 6521 N 13th
Blithe Wesley L., 608 Chestnut
Boggs Edw. T., 136 S. 4th
Bolton Chas. W. & Son, Witherspoon bldg
Borie C. L. Jr., 112 S 16th
Borzner Andrew C., 717 Walnut
Boyd D. Knickerbocker, 112 S 16th
Boyd Lawrence V., Harrison bldg
Boyd Paul L., 1118 Chestnut
Bright John I., Otis bldg
Brockie & Hastings, 1713 Sansom
Brooke Chas. J., 12th & Walnut
Brumbaugh G. Edwin, Rl. Est. Tr. bldg
Bunting & Shrigley, 603 Chestnut
Caldwell Francis G., Stephen Girard bldg
Carlin John J., Drexel bldg
Carmichael John I., 1520 Fairmount av
Caspar Chas. H., 925 Chestnut
Casselman Paul L., 1215 Locust
Chance Geo. Whitefield, Harrison bldg
Chandler T. P., Real Estate Trust bldg
Churchman C. Wharton, 1525 Locust
Coneys Jno. L., Drexel bldg
Cooke Jos C., 34 S 17th
Cope & Stevenson, 316 Walnut
Cornell & Matthews, Bulletin bldg
Coyle Jos. S., 622 Filbert
Cret Paul P., 139 S 15th
Cummiskey Chas. J., 165 E. Pomona (Gtn)
Dagit Henry D. Son & Co., 411 Walnut
Davis S. & Paul A. 3d, 1713 Sansome
Day & Klauder, 925 Chestnut
De Armond, Ashmead & Bickley, 1529 Walnut
Deery John Jerome, Land Title bldg
De Hoff H. E., 48 S 61st
Delk Edwd. Buehler, 34 S 17th
Dickinson Mahlon H., Empire bldg
Dilks Albert W., Mutual Life bldg
Dobbin Geo. F., 8341 Germantown av
Druckenmiller & Williams, Land Title bldg
Duffy Jas. F., 24 S. 7th
Duhring, Okie & Ziegler, Bailey bldg
Dull Jno. J., Witherspoon bldg
Durang Edwin F. & Son, 54th & Cedar av
Durham Bros., Heed bldg
Dyer W. E. S., Land Title bldg
Edmunds Franklin D., Real Est. Tr. bldg
Evans Allen, Farmers Bank bldg
Evans & Warner, Witherspoon bldg
Eyre Wilson, 1003 Spruce
Fetterolf Edwin H., 1524 Chestnut
Fielding Mantle, 518 Walnut
Fieldstein J. Ethan, Hale bldg
Folsom & Stanton, 1328 Walnut
Frank J. H., Real Est Tr bldg
Franklin & Co., Crozer bldg
Furber Wm. C.. 418 Walnut
Furness Evans & Co., Franklin Bank bldg
Gardner Clarence, 925 Chestnut
Gilchrist Edmund B., 1424 Walnut
Gill Arthur B., Heed bldg
Graham John, Jr., Rl. Est. Tr. bldg
Grawl Milton S., Harrison bldg
Greisler Fred N., Lafayette bldg
Hahn Frank E., 1112 Chestnut
Hammond Harold, Stephen Girard bldg
Harbeson John F., 5301 Knox, Germantown
Harris & Richards, Drexel bldg
Hauer & Mowere, 3110 Columbia av
Hays Frank A., Weightman bldg
Heacock & Hokanson, Bailey bldg
Helick Chauncey G., 1910 Spring Gdn
Hendrickson Edward E., 925 Chestnut
Henon & Boyle, Fuller bldg
Herold Otto, 2536 N 33d
Hewitt & Granger, Bullitt bldg
Hickman Louis C., Brown Bros. bldg
Hillman Chas. L. & Son, Provident bldg
Hodgens H. Childs, Finance bldg
Hoffman Co., Finance bldg
Holland A. Raymond, Bailey bldg
Howe Geo., 205 S Juniper
Hulme Norman, 1524 Chestnut
Hutton Addison, St. Girard bldg
Idell Geo. S., 34 S 16th
Israeli E., St. Girard bldg
Jackson J. Elvin, 727 Walnut
Jackson Wm. E., 1003 Spruce
Jefferis Joshua C., 1001 Chestnut
Johnson Lindley, Harrison bldg
Johnson Philip H., Land Title bldg
Karcher & Smith, 34 S 17th
Keast Wm. R. Morton, Esq., 6360 McCallum
Keefer Wm., Wesley 2nd, 1802 Chestnut
Keen C. Barton, 1218 Chestnut
Kelsey Albert, Perry bldg
King Guy & Co., 1513 Walnut
Klein Wm. C. Jr., 1218 Chestnut
Klinges J. P. Jr., 1012 Walnut
Kuhn P., 3058 N 8th
Lacey Adin Benedict, 1012 Walnut
Lachman & Murphy, Drexel bldg
Laird Warren P., Univ. of Pa.
Letzgus Anton A. Jr., Bailey bldg
Levi Louis, Real Estate Trust bldg
Lippincott Thos. B., St. Girard bldg
Loos Richard C., 1017 Chestnut
Lovatt George I., 416 Walnut
McGoodwin Robt. R., 1422 Walnut
McIlvain & Roberts, 112 S 16th
McLanahan M. Hawley, 908 Bellevue Court
McMurtrie Harry G., 1012 Walnut
Macomb Henry A., 214 W Wash. sq
Magaziner & Potter, 603 Chestnut
Marie Louis E., The Powelton
Martin & Kirkpatrick, 130 S 15th
Maslin Chas. W., 34 S 17th
Mason Geo. C., Perry bldg
Mayo Walter T., 1701 Chestnut
Medary M. B., Jr., 112 S 16th
Medoff Barnet J., 524 Walnut
Megrill Alfred H., Stephen Girard bldg
Mellor & Meigs, 205 S Juniper
Miller Herman, Crozer bldg
Miller T. Frank, 1012 Walnut
Milligan & Webber, 520 Walnut
Mills & Van Kirk, Harrison bldg
Molitor Jno., 130 S 15th
Monaghan Paul, Drexel bldg
Morris & Erskine, Crozer bldg
Moses Arnold H., 136 S 4th
Mucklow Evan S., 908 Chestnut
Naschold Jacob, 210 New
Nat'l Architect Co., Crozer bldg
Neubauer & Boyd, 1118 Chestnut
Nickels Frank V., Rl. Est. Tr. bldg
Nock E. Withereda, 5443 Balto. av
Nolan Thomas, University of Penn.
Oelschlager Chas. E., 1615 Walnut
Osburn Millard P. & Co., 34 S 17th
Ott Edgar F., Bailey bldg
Pappano D. J., 1211 Wharton
Parker H., 128 S 9th
Parry Oliver R., 1631 Chestnut
Paxson Edward S., 729 Walnut
Pearson George T., 427 Walnut
Peddle Chas. R., 136 S 4th
Perot Robeson Lea, 34 S 17th
Peterson Horace B., 34 S 17th
Phillips Watson K., 430 Walnut
Plack W. L., 1208 Chestnut
Pollock Robt. W., 1802 Chestnut
Potter Wm. Woodburn, 603 Chestnut
Price Walter F., 714 Walnut
Price & McLanahan, 1418 Walnut
Prichett Wm. C., 416 Walnut
Purcell William Gray, 414 N 3rd
Rabenold Chas. F., Penn. bldg.
Rahn C. E., 410 Walnut
Rankin, Kellogg & Crane, 1012 Walnut
Register H. Bartol, 1713 Sansom
Rehfuss Geo. U., Weightman bldg
Reinhold Henry L. Jr., 1309 Walnut
Riegel Jacob Jr., Drexel bldg
Ritter F. J., Washington Hotel
Roberts Spencer, Weightman bldg
Rommel Frank A., Weightman bldg
Rothschild Le Roy R., Bulletin bldg
Rush Louis H., 130 S 15th
Salter E. D., 4907 Wynnefield
Sauer Andrew J. & Co., 908 Chestnut
Savage Geo. E., Witherspoon bldg
Savery & Scheetz, St. Girard bldg
Schaefer Henry G., Heed bldg
Schenck Albert E., Real Est. Tr. bldg
Schermerhorn Clarence E., 430 Walnut
Schwacke John Strubing, Esq., 1012 Walnut
Seeburger Frank, Penna bldg
Seeler Edgar V., 101 S Juniper
Serpel Jos. A., 2247 N 19th
Sellers Horace W., Stephen Girard bldg
Sharpley W. W., Brown Bros., bldg
Shirk J. C. M., 421 Chestnut
Simon & Bassett, 1112 Chestnut
Smedley Walter, Stephen Girard bldg
Smith Arthur T., 1220 Locust
Smith Chas., 411 Walnut
Smith W. Frisbey, 1345 Arch
Stanton Wm. C., 1328 Walnut
Stearns George R., 6711 Frankford av
Stearns & Castor, Stephen Girard bldg
Stevens Benj. R., 1737 Filbert
Stewardson & Page, 316 Walnut
Street J. F., 129 S 5th
Stuckert F. Russell, Crozer bldg
Stuckert J. Franklin, 112 S 43d
Tams Edwin B., 2243 N 22d
Thomas, Churchman & Moliter, 1309 Walnut
Thomas John D., Commonwealth Tr. bldg
Thomas Walter H., 130 S 15th
Tilden & Register, 1713 Sansom
Tourison Bart, Land Title bldg
Trout H. Clifton, St. Girard bldg
Trumbauer Horace, Land Title bldg
Trumbower Werner, Crozer bldg
Tyre Philip S., 1509 Arch
Valentine Anthony P. Jr., 212 High (Gtn.)
Van Hook Geo. M., 411 Walnut
Van Kirk Walter M., Harrison bldg
Van Pelt John V., Stock Ex. bldg
Van Voorhees & Harvey, Hale bldg
Wallace & Warner, 1012 Walnut
Walton W. McKee, 714 Walnut
Ward Alfred L., Stephen Girard bldg.
Watson & Huckel, 1211 Walnut
Webber Fred'k, Morris bldg.
Weitzenfeld Jacob, 528 N 4th
Werner Rudolph, 38 S Ruby
Westover Albert E., Keith's Theatre bldg
Wetherill Herbert J., 10 S 18th
White Ralph E., Penna bldg
Wightman Edgar A., 1513 Walnut
Williams Carl H., Land Title bldg
Wilson E. Allen, 1208 Chestnut
Wilson Eyre & McIlvain, 1003 Spruce
Windrim J. H., Commonwealth Tr. Co. bldg
Windrim Jno. T., Commonwealth bldg
Wise, Herbert C., Horner bldg
Wolf Otto C., 31st & Jefferson
Wood Wm. A., Bullitt bldg
Wooters Wm. H., 816 Allegheny av
Yeo Edwin A., Stephen Girard bldg
Zantzinge C. C., 112 S 16th
Zimmerman H., 4957 Hawthorn (Fkfd.)

PHOENIXVILLE—Lowry I. B.
PITTSBURGH—Alden & Harlow, 305 5th av
Allison Chas. B. Jr., Farmers Bk. bldg
Austin A. N. (Perspectives), 365 Spahr
Bailey Emment E. Co., Keenan bldg
Bair Harry S., Vandergrift bldg
Bartberger, Jones & Fisher, Westinghouse bldg
Barney Wm. Pope, Esq., 3 Roslawn ter
Beatty John L., 146 Sixth
Bergey Aaron E., Bessemer bldg
Bickel Chas., May bldg
Bier Chas. W., 219 6th
Bigger Frederick T., City-County bldg
Billquist T. E., Vandergrift bldg
Bossange E. Raymond, Carnegie Inst. Technology
Boyd Wm. Jr., Vandergrift bldg
Boyd & Stewart, Peoples Bk. bldg
Boyer E. W., Ferguson bldg
Brosie Louis O., Highland bldg
Campbell Jas. N. Co., Penn bldg
Carlisle & Sharrer, Jenkins Arcade
Carpenter W. J., Highland bldg
Clark W. Emery, Bakewell bldg
Clepper H. C., Park bldg
Cohen Walter S., May bldg
Comes John T., Renshaw bldg
Conwell, Rowland & Hutchins, Conestoga bldg
Cooley C. D. Co., Century bldg
Cornelius T. Ed., House bldg
Craner Jno. H., Conestoga bldg
Crone Daniel A., Oliver bldg
Croaks F. McC., Century bldg
Dean Ellsworth, 331 4th av
Denick Edwin V., House bldg
Dowler Press C., Magee bldg
Estep Harry S., Century bldg
Felkel F., 413 4th av
Frank Howard C., House bldg
Geisler Chas. R., Hostetter bldg
Giesey J. H., 514 Smithfield
Gilchrist H. D., Frick bldg
Goldner David, East End Trust bldg
Hall Morgan B. Co., 434 Diamond
Hannah Thos., Keenan bldg
Harlow Alfred B., Farmers Bank bldg, 5th av
Harrold Wm. H., Schenley Park
Heckert Sidney F., Bessemer bldg
Heron Thos. J., Publication bldg
Hitchens Chas. P., Keenan bldg
Hitchens Wm. Frank, Esq., 5125 Woodlawn av
Hodgdon Geo. & Son, 333 4th av
Hodgson Chancey W., Penn bldg
Hooker Richard, Farmers Bk. bldg
Hopp J. Lawrence, 404 Summit av
Hunting-Davis Co., Century bldg
Ingham & Boyd, Vandergrift bldg
Irvin Richard, Union Bk. bldg
Irwin Paul W., Renshaw bldg
Isles Andrew, House bldg
Janssen & Abbott, Century bldg
Kauffman William, Conestoga bldg
Kauzer Jno. E., Renshaw bldg
Keirn J. Edw., 3921 Brighton rd
Keller Oswald, 1443 Potomac av
Kennedy H. E. Co., Home Trust bldg
Kerner E. V., Century bldg
Kiehnel & Elliott, Keenan bldg
King Wm. H. Jr., House bldg
Kropff Henry M., Renshaw bldg
Kuntz Jos. F., Westinghouse bldg
Lang E. B. & H. J., 2010 Sarah
Lee Edward B., 345 4th av
Lee & Piper, Chamber of Commerce bldg
Leonard Louis R., 5543 Fair Oaks
Liesch Pierre A., 213 Lexington av
Link A. F., 407 N Craig
Lisotto E., 559 Leonora
Long John A., 223 4th av
Lord Herman A., 5th & Merchant
Lowe Albert G., 237 4th av
MacClure & Spahr, 320 4th av
McCollum J. M., Berger bldg
McCormick Wm. D., Century bldg
McCullough Herbert M., Ferguson bldg
McGoodwin Henry, Carnegie Tech. Sc.
McMullen Leo. A., Jenkins bldg
Marstellar S. A., Garrison bldg
Mentel C. G., 119 Federal
Merrick Fredc. I., Empire bldg
Millar R. J., 37 Rodgers av
Miller A. K., Penn bldg
Milligan Chas., Wilson, Wood & Ross
Moffitt C. R., Masonic Temple
Neal Joseph L., 245 4th av
Nordlinger Max, Fidelity bldg
Obitz John E., 6200 Penn av
Orth Geo. S. & Bros., Farmers' Bk bldg
Osterling F. J., 316 4th
Palmer Hornboster & Jones, Chamber Com. bldg
Peoples U. J. L., Standard Life bldg
Phillips Jno. H., 604 Chartiers av
Prack & Perrine, Keystone bldg
Pringle Thomas, 514 Smithfield
Richard S. C. & Co., 430 Library
Rieger Chas. J., Germania Bk. bldg
Rogers Geo. O., Hartje bldg
Roth Edward A., Wabash bldg
Roush Stanley L. Esq., Oliver bldg
Russell Frederick A., 336 4th av
Rutan & Russell, Century bldg
Sanders Frank F., Union Bk. bldg
Sauer F. C., 138 9th
Scheibler Fred'k, 6024 Penn av
Schmid Emil, 319 Spring
Schwab, Harvey A., Keystone bldg
Schwan Geo. H.,, 307 4th av
Scott T. H., Magee bldg
Shaw Wm. J., Fulton bldg
Simpson D., Wabash bldg
Snaman Wm. E., Empire bldg
Snyder A. B., Empire bldg
Spahr Albert H., Keystone bldg
Steen James T., Fulton bldg
Sternfeld Harry, 403 b Iroquois apts
Stevens Louis, Century bldg
Stillburg Jos., Fort street
Stolte Fred'k H., 5608 Broad
Stonerod E. D.
Stophlet J. H., House bldg
Stotz Edward, Monon. Bank bldg
Strong Carlton, Union Bank bldg
Struthers W. F., 209 9th
Stulen Walter H., Renshaw bldg
Thomas W. A., Magee bldg
Topp O. M., Jenkins bldg
Trimble R. Maurice, Ferguson blk
Tufts Charles W., Vandergrift bldg
Ullom W. A., House bldg
Van Ormer Roy H. (& Builder), 7132 Race
Vrydaugh & Wolfe, 347 5th av
Weber & Stulen, Renshaw bldg
Wilkins W. G. Co., Westinghouse bldg
Williams W. Ward, Magee bldg
Willoughby Chas. E., 424 4th av
Wolfe T. B., 347 5th av
Zortman Wm. N., Bessemer bldg
Zwierzynski Daniel, 708 Chartiers av
PITTSTON—Turon L. P.
POTTSTOWN—Kepner Arthur S.
POTTSVILLE—Hill Wm. D.
Houser Wm. H.
Mould C. T.
Reilly Frank X.
PUNXSUTAWNEY—Harl David G. (residences only)
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Ehrsam Fritz, 922 Penn.
Fink W. A., 426 Franklin
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Gerhard G. L. & Son, 619 Penn
Heckman H. R. & Co., 1604 Mineral Springs rd
Hickman J. E., 119 S 5th
High W. M., 11 N 5th
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Maurer Harry, 101 Carsonia av
Muhlenberg Bros., 513 Penn
Muhlenberg Frederick A., Colonial Trust Co. bldg
Rabenold C. F., 622 Court
Richter A. A., 6th & Court
Rothenberger D. M., 348 Greenwich
Scholl Edw. Z., 136 Robeson
Smith A. F., 1029 Penn
Stetler, Mengel & Co., Penn av
Walter W. A., Penn boul., W. Lawn
Young Calvin J., 249 Jameson pl
RENOVA—Shade Grant
REYNOLDSVILLE—Young D. H.
RIDGWAY—Park H. C.
ROCHESTER—Earl J. W.
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ROYERSFORD—Poley J. Vincent
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Davey & Crowther, Coal Exch. bldg
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Duckworth J. S., Coal Exch. bldg
Edson Gilbert, Connell bldg
Hamborszki Geza, 1069 Meade av
Hancock & Koch, Meade bldg
Howley Jno. J., Traders Bank bldg
Langley Edward, Scranton Life bldg
Miller F. J., Peoples' Nat. Bank bldg
Morris Percival J., Burr bldg
Nelson Fred A., Connell bldg
Osterhout Guy W., Connell bldg
Reisman Louis, Dime Bk bldg
Rutherford Herman C., 316 N Wash av
Snyder Robt. W., 516 Spruce
Thomson John B., Connell bldg
Ward Albert J., Prendergast bldg
Weinschenk Arthur A., 314 Adams av
SEWICKLEY—Macqueen James M., Esq., 217 Bank
SHAMOKIN—Jury W. U.
Lee W. H.
Schweitzer F. R.
SHARON—Bastress D. G.
Clepper E. E.
Matheny C. A.
Weaver C. J.
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Leh A. W.
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TARENTUM—Cutshall Ira F.
TYRONE—Wise W. F. (specialty; theatres)
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Cooper A. P.
Fulton & Butler
Harman Jno. H.
VERONA—Stough E. K.
WALLINGFORD—Watson Frank C.
WARREN—McNeil & Feets Co.
Gruninger F. H.
Phillips E. A.
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Vester J. W.
WAYNE—Gugert Francis A.
Shaw J. William
WAYNESBORO—Woltz James W.
WESTCHESTER—Vance Charles H.
WILKES-BARRE—Atherton, Thos. H., Jr.,, Coal Exchange bldg
Boyle James A., Bennett bldg
Emery Howard B., Bennett bldg
Evans Clark W., Coal Exchange bldg
Finch E. N., 19 Miner av
Kleeman Otto A., 28 S Main
Knapp & Bostworth, 15 S Franklin
McCormick & French, 2d Nat Bk bldg
McGlynn Owen, Simon Long bldg
Maier Henry A., Coal Exch. bldg
Myers, Frederick M., 45 Goodwin av
Newberry & Foster, Miners' Bk. bldg
Pettebone & Lewis, 2d Nat Bank bldg
Podmore Thos., Bennett bldg
Reilly Austin L., Bennett bldg
Sahm Frank B. R., 2d Nat Bk bldg
Schroeder Geo. F., Weitzenhorn bldg
Sturdevant & Poggi, Coal Exch bldg
Welsh Geo., Coal Exch bldg
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Fisher Nicholas E.
Litzelman T. J.
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Hamme John B.
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Stair Robert A.
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Easton Roland J. & Son
Smith Jas.
Weaver Thomas L. S.
PAWTUCKET—Carpenter, C. E., 91 Cottage
Daniels Fred G
Fuller Samuel B.
Humes Albert H.
Monahan R. C. N.
Page George H.
PROVIDENCE—Almy Arthur Lewis, 42 Weybosset
Angell & Swift, 87 Weybosset
Burlingame Clarence E., 42 Weybosset

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Clarke & Howe, Turk's Head bldg
Connor Edwin L., 76 Dorrance
Goodwin E. S., 29 Weybosset
Gould & Gould, 146 Westminster
Henley Francis E., 42 Weybosset
Henshaw Gorham 87 Weybosset
Hill Arthur E., 75 Westminster
Homer Eleazer B., 87 Weybosset
Hoppin & Field. 32 Westminster
Isham Norman M., Grosvenor bldg
Jackson, Robertson & Adams, Turk's Head bldg
Langworthy Leslie P., 37 Weybosset
Lockwood Chas. H., 171 Westminster
McLaughlin Thomas S., 87 Weybosset
Martin B. S. D., 86 Weybosset
Martin & Hall, Union Trust bldg
Melidossian G. G., Farragut av
Murphy, Hindle & Wright, 146 Westminster
O'Malley Jno. F., 75 Westminster
Page & Page, 87 Weybosset
Peirce T. J. H., Jackson bldg
Pitts Henry S., Turk's Head bldg
Potter Frank F., 86 Weybosset
Richards Wm. G., 17 Exchange
Shurrocks A. F., 511 Westminster
Shaw Russell H., 10 Weybosset
Slocomb Harry A., 511 Westminster
Stone, Carpenter & Sheldon, 49 Westminster
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Sayre C. Gadsden
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Walker N. Gaillard
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Patterson Carloss, 127 Madison av
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Regan & Weller, Bank of Com. bldg
Shaw G. M. & Co., Tenn. Trust bldg
Shearer & Ronan, 198 S Main
Thomsen & Smith, Southern Express bldg
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Eason Wm. E., 1036 Sharp av
Ferguson Chas. A., Arcade
Frahn Harry J., Ind. Life bldg
Gardner T. W., Stahlman bldg
Griffin A. M., N. & C. Ry
Hart R. E., Stahlman bldg
Hibbs H. C., F. & F. Natl. Bk. bldg
Hodge B. J., Berry blk
Ludlow & Peabody, Stahlman bldg
McMurray S. M., Arcade
Marr & Holman, Stahlman bldg
Motz C. C., Stahlman bldg
Pritz Miss Bessie, 110 21st av S
Sharp Robert, Cole bldg
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Waller Geo. D., Arcade
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Hubbell & Greene, N Texas bldg
Lang & Witchell, Southwestern Life bldg
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Mauran, Russell & Crowell, Busch bldg
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Overbeck J. Ed., Wilson bldg
Rowe Joseph W., 1915½ Main
Sites C. P., Southwestern Life bldg
Thomson H. B., Southwestern Life bldg
Thurman L. L. & Co., Andrews bldg
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Fritch Alfred R., Trust bldg
Gibson & Robertson, Herald bldg
Kneezel Edward, State Nat'l Bank bldg
Krause Ernest, 906 N Stanton
Leech Austin, 214½ Texas
McGee Percy Jr., Mills bldg
McKee J. S., 815 E. San Antonio
Mauer H. C., First Natl. Bank bldg
Orlopp H. A., 107 Texas
Patton S. E., 3520 Douglas
Thorman O. H. & Co., 1st Nat'l Bk. bldg
Trost & Trost, Mills bldg
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Prettyman Jacob H., Cleburne Junct.
Reed Wm., 1617 Enderly pl
Sanguinet & Staats, 1st Nat'l Bank bldg
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Van Slyke-Woodruff & Muller, Burk Burnett bldg
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Macklin H. B.
Ragsdale W. R.
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Cannon G. J., Chronicle bldg
Collignon G. W., Chronicle bldg
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Cooke & Co., Prince Theatre bldg
Cram & Ferguson, Scanlon bldg
Dawson A. N., Kiam bldg
Delisle Adrien, Levy bldg
Finger & Bailey, Kress bldg
Finn Alfred G., 716½ Main
Fruehling G. H., Binz bldg

Gray Richard H., 1104 San Jacinto
Hardin R. A., 1315 Jackson
Jones & Tabor, Binz bldg
Ledbetter Louis, Queen Theatre bldg
Litzmann Paul, 1119½ Congress av
Lorehn, Olle J., Light & Power Co. bldg
McDonald C. C., First Nat. Bk. bldg
McLelland John, Texas Co. bldg
McNier F. W., 2603 Chartress
Marhett F. J., 805 Dennis av
Meyer F. H., 3019 Preston av
Murdock W. S., 2912 Jackson
Nelson C. N., Beatty bldg
Pigg A. C., Chronicle bldg
Pittman D. D., Settegast bldg
Rhodes W. S., 1016½ Congress av
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Sanguinett, Staats & Gottlieb, First Nat'l Bank bldg
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Steele Resin D., First Nat'l Bank bldg
Teich Fred C., Union Nat'l Bank bldg
Watkin Wm. Ward, Scanlan bldg

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LAREDO—Chaille D. J.
Giles Alfred Co.
Suthered & Co.
MARSHALL—Carpenter John
Lancaster C. G.
NAVASTOTA—Meyerlambers W. H.
PARIS—Barry, Smith & Withers
PORT ARTHUR—Wagnall C. L.
POST—Gilmore R. E.
SAN ANGELO—Ruffini Oscar
SAN ANTONIO—Adams & Adams, Gibbs bldg
Ayres Altee B., Bedell bldg
Behles E. P., Hicks bldg
Boelhauwe C. T., State Bk. & Tr. bldg
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Cameron R. H., State Bk. & Trust bldg.
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Fincham C. T., Moore bldg
Gaenslen Fred'k B., Alamo Bk. bldg
Gartner F. B., Prudential bldg
Giles Alfred Co., F bldg. (& at Laredo)
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Herff A. A., S. A. Loan & Trust bldg
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Middletown L. D. (& Builder), 219 Dunning
Neumann R. F. (& Builder), 1124 E Houston
Page Harvey L. Co., 741 E Houston
Phelps H. T., Gunter bldg
Pierce R. L., Central bldg
Reuter & Harrington, Frost bldg
Seutter Carl von, Moore bldg
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Spillman B. W., Alamo Bank bldg
Texas Cons. Co., Swearingen-McCraw bldg
Wahrenberger J., Alamo Bank bldg
Williams J. C. Jr., Moore bldg
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SHERMAN—Elliott S. B.
Tackett W. A.
Tuloch Jno.
SWEETWATER—Bryant J. R.
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WACO—Brooks Wm. H.
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Dudley Wm. W., 503½ Austin
Lane Roy E., Chamber of Commerce bldg
Pearson T. Brooks, Bankers Trust bldg
Reed Edward H., Amicable bldg
Ross & Caso, Bankers Trust bldg
Scott Milton W. & Co., Peerless bldg
Ye Planry of Waco, Peerless bldg
WHARTON—Jopling C. E.
WICHITA FALLS—Jones Evan Jr.
Pate Charles J.
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Schaub, Karl C.
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Hodgson Leslie S.
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Smith Julius A.
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Nelson & Ashworth
Wright Chas. H.
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Bryson Geo. M., Boston bldg
Cannon & Fetzer, Templeton bldg
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Cooper W. J., Boston bldg
Craig J. C., Kearns bldg
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Evans C. P., Felt bldg
Folland W. C. W., South Temple
Goodfellow Irving, Boston bldg
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Hale Fred A., Continental blk
Headlund & Kent, Dooly bldg
Hust Fred, 48 E. South Temple
Kent J. H., Dooly bldg
Kirchner A. H., Dooly bldg
Kletting R. K. A., Felt bldg
Larsen & Grant, Vermont bldg
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Lilienberg N. Edw., Contl. Nat'l Bk. bldg
McDonald C. S., Brooks Arcade bldg
Mecklenburg B. O., Boston bldg
Miller, Wooley & Evans, Vermont bldg
Monson & Price, Vermont bldg
Moore F. W., Newhouse bldg
Palliser & Hills, 827 McIntyre bldg
Poll H. P., Vermont bldg
Pope & Burton, Newhouse bldg
Rutherford F. D., McIntyre bldg
Sabine Jas., 99 E. 16th South
Scott & Welch, Dooly bldg
Swaner F. J., Boyd Park bldg
Ware & Treganza, Utah Sav. & Tr. bldg
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SPRINGVILLE—Whitney L. J.

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McLaughlin John J.
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MONTPELIER—Walker Frank A.
PAWLET—Black Geo.
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Diehl Wm. Newton, Chamberlaine bldg
Ferguson, Carlow & Wrenn, Va. Nat'l Bank bldg
Freeman Arthur C. Jr., Arcade bldg
Lee Jas. W., Seaboard Bank bldg
Mitchell Benj. F., Seaboard Bk. bldg
Mitchell Rossel Edward, Paul-Gale-Greenwood bldg
Moser Philip B., Law bldg
Moss L. R., Bank of Com. bldg
Neff & Thompson, Seaboard Bk. bldg
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Porter J. N. W., Royster bldg
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Fox Julian P., Va. Ry. & Power bldg
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Lambert & Hartsook, Travelers bldg
Lee W. D., Travelers bldg
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Noland & Baskervill, Travelers bldg
Robinson Chas. M., Times-Dispatch bldg
Ruehrmund Carl, Allison bldg
West Wm. C., Merchants Natl. Bank bldg
Wright Marcellus E., Allison bldg
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Jennrich, Anton, 1023 Davis
Judell, Walter W., 428 Jefferson
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Platt Chas. A., 101 Park av, New York
Pond & Robinson, 101 Tremont, Boston, Mass.
Powell W. Angelo, 615 S 15th, St. Joseph, Mo.
Prager Oscar A., 742 Market, San Francisco, Cal.
Pratt Henry M., 53 State, Boston, Mass.
Pratt Richard H., Munsey bldg, Baltimore, Md.
Pray, Hubbard & White,, 101 Tremont, Boston, Mass.
Prudential Nursery & Landscape Co.,, Dime Bank bldg, Detroit, Mich.
Punchard W. H., 284 Dart, Boston, Mass.
Purcell & Elmslie, N. W. Nat'l Life bldg, Minneapolis, Minn.
Quimby Ralph A., 53 State, Boston, Mass.
Ramsdell C. H., New York Life bldg, Minneapolis, Minn.
Records Francis B., Jr., 220 Devonshire, Boston, Mass.
Reding & Howard, 11 E Lexington,, Baltimore, Md.
Reeves & Ramsey, Putnam bldg, Davenport, Ia.
Rich & Putnam, 104 S Warren, Syracuse, N. Y.
Richie Wm. H., 41 S 15th, Philadelphia, Pa.
Rogers Geo. C. D., Morristown, N. J.
Ross H. Wilson, Newton Centre, Mass
Ruedlinger C. N., 2929 Colfax av S, Minneapolis, Minn.
Saltus Roelin S., 9 E 41st, New York
Sanger W. Prentice, 8 W 40th, New York
Sargent A. R., 225 5th av, New York
Schwagari Edw. D., Washington bldg, Tacoma, Wash.
Searles E. M., 3327 Market, San Diego, Cal.
Sears Thos. W., 107 Westminster, Providence, R. I.
Sears & Wendell, 1424 Walnut, Philadelphia, Pa.
Shapleigh Bertram, 5 W 47th, New York
Shaw J. D., 510 S Spring, Los Angeles, Cal.
Shermerhorn Richard Jr., 347 5th av, New York
Shurtleff Arthur A., 89 State, Boston, Mass.
Smilie Edw. S., 394 Central, Newton, Mass.
Smith A. W. Co., Keenan bldg, Pittsburgh, Pa.
Smith F. L. & Co., 7033 Hermitage, Pittsburgh, Pa.
Smith Paul R., 89 State, Boston, Mass.
Smith S. C., 107 Westminster, Providence, R. I.
Spinner F. E. & Co., 35 Warren, New York
Steele Fletcher, 88 Broad, Boston, Mass.
Stiles Wayne E., 95 Oliver, Boston, Mass.
Stinchcomb & Boddy, Engineers bldg, Cleveland, Ohio
Strittmatter A., 444 Field av, Detroit, Mich.
Supplee Co., 5900 Washington, Phila., Pa.
Taylor A. D., 1900 Euclid av, Cleveland, Ohio
Temblett Wm. H., 11117 Willowmere av, Cleveland, O.
Thiene P. G., 112 W 9th, Los Angeles, Cal.
Thomas Jeffrey P., 615 6th, Watervliet, N. Y.
Titus John E., Newton Upper Falls, Mass.
Tooker E. Post, 101 Park av, New York
Townsend & Fleming, Prudential bldg, Buffalo, N. Y.
Tripp A. F., 44 College, Providence, R. I
Tuschinsky Alex., Indiana Pythian bldg, Indianapolis, Ind.
Underwood Loring, 15 Exchange, Boston, Mass.
Vermeulen A. A., 253 S B'way, Los Angeles, Cal.
Vinal Ralph S., 46 Cornhill, Boston, Mass.
Vitale & Rothery, 527 5th av, New York
Von Hoffman Ferdinand, 1118 Tinton av, New York
Wadley & Smythe, 491 5th av, New York
Weinrichter R. M., Cutler bldg, Rochester, N. Y.
Wells, Windney, Pierson Co., Springfield, Mass.
Weston, Shepard & Davison, 36 E 23d, New York
Wheelwright Robert, 15 E 40th, New York
White Elm Nursery Co., 738½ Cramer, Milwaukee, Wis.
White Margaret, 11 Highland, Cambridge, Mass.
Woolner W. C., 131 State, Boston, Mass.
Wright F. L. Jr., 112 W 9th, Los Angeles, Cal.
Wright Hy., Chemical bldg, St. Louis, Mo.
Wyman P., McKnight bldg, Minneapolis, Minn.
Wustrow K. A., 920 17th, N W, Washington, D. C.
Yeo Robert J., 524 Massachusetts av, Boston, Mass.
Yoch F. T. (Miss), 210 W 7th, Los Angeles, Cal.
Young Jos. H., 34 S 16th, Phila., Pa.
Ziccardi & Weiler, 9706 Madison av, Cleveland, O.

Architects (Mill)

See Engineers, Mill

229— Architects (Naval)

Alden John, 131 State, Boston, Mass.
Babcock & Penton, 120 B'way, New York
Ballin F. A., Worcester bldg, Portland, Ore.
Barney Morgan, 29 B'way, New York
Binney Arthur, 70 Kilby, Boston, Mass.
Bowers & Mower, Chestnut & 5th, Phila., Pa.
Burbank Ralph N., 75 State, Boston, Mass.
Burgess W. Starling Co. (Ltd), Marblehead, Mass.
Burwell Elliot N., 156 State, Boston, Mass.
Callis D. Millard, Munsey bldg., Baltimore, Md.
Coolidge L. H., Seattle, Wash.
Cornell & Matthews, Bulletin bldg, Phila., Pa.
Cox & Stevens, 15 William, New York
Crowninshield B. B., 75 State, Boston, Mass.
Crouch Geo. F., 2511 Sedgwick av, New York
Curtis W. H., Louis bldg, Portland, Ore.
Deed Wm. J., Jr., 112 Water, Boston, Mass.
Dickie D. W. & R. Z., 112 Market, San Francisco, Cal.
Donald James, 17 Battery pl, New York
Donnelley Wm. T., 17 Battery pl, New York
Downey Wallace, 5 Nassau, New York
Farley Edw. P. Co., Ry. Exch. bldg, Chicago, Ill.
Ferris Theo. E., 30 Church, New York
Fulton Allan W. & Co., 602 E Pratt, Baltimore, Md.
Furstenau Martin C., 308 Walnut, Phila., Pa.
Gardner William & Co., 1 B'way, New York
Gaskin Edw., Buffalo, N. Y.
Geary L. E., Pier 1, Seattle, Wash.
Germain Louis, Saginaw, Mich.
Gielow & Orr, 52 B'way, New York
Hall Bros. Marine Railway & Shipbuilding Co., 312 California, San Francisco, Cal.
Hand W. H. Jr., New Bedford, Mass.
Harris Leonard B., 411 Walnut, Phila., Pa.
Hatch Southmayd, ft Fordham, New York
Hillmann Gustav F. C., 470 Green av, Brooklyn, N. Y.
Hughes C. H., 82 Beaver, New York
Isherwood J. W., 17 Battery pl, New York
Kidd Jos. & Son, Palladio bldg, Duluth, Minn.
Kromholz L., 1765 Townsend av, New York
Lane & Wyman, 576 Quinnipiac av, Bridgeport, Conn.
Lee & Brinton, Seattle, Wash.
Lord F. K., 120 B'way, New York
McAllaster & Bennett, Central bldg, Seattle, Wash.
McClunie J. A., 177 Asylum, Hartford, Conn.
Millard J. W. & Bro., 17 State, New York
Nock F. S., East Greenwich, R. I.
Owen Geo. Newton, Boston, Mass.
Reid John & Co., 17 Battery pl, New York
Row & Davis Engineers, Inc., 90 West, New York *See adv index at end of book*
Shepard Geo. C., Munsey bldg., Baltimore, Md.
Simpson Geo., 17 Battery pl, New York
Smith Bros., Rockefeller bldg, Cleveland, Ohio
Stratton E. Platt, 80 Broad, New York
Swanson Peter, Belvedere, Cal.
Swasey, Raymond & Page, 100 Bolyston, Boston, Mass.
Tams, Lemoine & Crane, 52 Pine, New York
Thayer Horace H., Jr., Drexel bldg, Phila., Pa.
Versoy Irving R., Morris Cove, New Haven, Conn.
Watts J. Murray, 328 Chestnut, Phila., Pa.
Webb J. Beavor, 27 Cedar, New York
Westcott & Mapes Inc., New Haven, Conn.
Whittelsey & Whittelsey, 17 Battery pl, New York
Wintringham & Wells, 32 B'way, New York
Wood W. J., 140 W Van Buren, Chicago, Ill.
Young Rakestraw & Ferguson, 15 William, New York

230—Architects (Paper & Pulp Mill)

See also Engineers, Mill

Anderson & Jones, Carthage, N. Y.
Bigelow W. C., Biddeford, Me.
Buss Edward A., 85 Water, Boston, Mass.
Chapman C. A., Inc., 28 E Jackson blvd, Chicago, Ill.
Ellsworth & Howes, Holyoke, Mass.
Hardy Geo. F., 309 B'way, New York
Kimball Herbert S., 75 State, Boston, Mass.

Newhall Geo. M., Com'l Trust bldg, Phila, Pa.
O'Keefe-Orbison Engineering & Construction Co., Appleton, Wis.
Pride C. B., Realty bldg, Spokane, Wash.
Wallace Jos. H. & Co., 5 Beekman, New York

231— Architects (Theatre)

Allen John D., Heed bldg, Phila, Pa.
Blackall, Clapp & Whittemore, 20 Beacon, Boston, Mass.
Kimball Francis H., 71 B'way, New York
Lempert Leon H. & Son, Cutler bldg, Rochester, N. Y.
Lovell Sidney, 30 N Michigan, Chicago, Ill.
McElfatrick Wm. H., 701 7th av, New York
Packard F L., Hayden bldg, Columbus, O.

232—Architects' & Engineers' Instruments & Supplies

See also Engineering & Surveying Instruments; also Drawing Materials
Abbott A. H. & Co., 208 S Wabash av, Chicago, Ill.
Adams & White Co., 94 Pearl, Buffalo, N. Y.
Albrecht Chas. R., 62 Fulton, New York
Aloe A. S. Co., 621 Olive, St. Louis, Mo.
Alteneder Theo. & Sons, 945 Ridge av, Phila., Pa.
Amsler Blue Print Co., 30 Church, New York
Architects' & Engineers' Supply Co., 913 Grand av, Kansas City, Mo.
Bausch & Lomb Optical Co., Rochester, N. Y.
Berger C. L. & Sons, 35 Williams, Boston, Mass.
Brown, Blodgett & Sperry Co., 5th & Minn., St. Paul, Minn.
Buff & Buff Mfg. Co., 98 Green, Jamaica Plain, Boston, Mass.
Cardwell Blue Print & Supply Co., Denver, Col.
Clarke & Courts, Galveston, Tex.
Cole H. Co., 68 E Day, Columbus, O.
Crocker H. S. Co., 565 Market, San Francisco, Cal.
Dietzgen Eugene Co., 166 W Monroe, Chicago, Ill.
Elliott B. K. Co., 126 6th, Pittsburgh, Pa.
Favor, Ruhl & Co., 43 W 23rd, New York
Fielder & Allen Co. (Dealer), Atlanta, Ga.
Fink F. B. Instrument Co., 804½ Pine, St. Louis, Mo.
Frost & Adams Co., 37 Cornhill, Boston, Mass.
Geier & Bluhm, Troy, N. Y.
Graham J. W. & Co., Spokane, Wash.
Gurley W. & L. E., Troy, N. Y.
Hemp C. E., Hamilton, O.
Jambor Mfg. Co., 911 Center, Milwaukee, Wis.
Keuffel & Esser Co., Hoboken, N. J.
Knight F. C. & Co., 400 Locust, Phila., Pa.
Kolesch & Co., 138 Fulton, New York
Kurtz, Langbein & Swartz, 535 Wood, Pittsburgh, Pa.
McCollin Thos. H. & Co., 54 N 9th, Phila., Pa.
Makepeace B. L., 387 Washington, Boston, Mass.
Multi Color Copying Co., 125 Woodward av, Detroit, Mich.
NEW YORK BLUE PRINT PAPER CO., 102 Reade, New York
Newton Automatic Shading Pen Co., Pontiac, Mich.
Peerless Blue Print Co., 341 5th av, New York
Pfister Wm. H., 230 W 4th, Cincinnati, O.
Post Fred'k Co., 3635 N Hamlin av, Chicago, Ill.
Prince L. M. Co., 108 W 4th, Cincinnati, O.
Queen-Gray Co., 618 Chestnut, Phila., Pa.
Robbins Chas H. Jr., 125 S 11th, Phila., Pa.
Ruehle E. G. & Co., 119 Fulton, New York
Sartorius A. & Co., 57 Murray, New York
Schmidt Fred A., 721 13th, Washington, D. C.
Seelig R. & Son, 231 N 5th av, Chicago, Ill.
Spaulding Moss Co., 44 Federal, Boston, Mass.
Taws Henry M., 920 Arch, Phila., Pa.
Technical Supply Co., Scranton, Pa.
Ulmer J. C. Co., Cleveland, O.
United States Blue Print Paper Co., 327 S La Salle, Chicago, Ill.
Wagner Bros. & Co. (Imp), 71 W 23d, New York
WEBER F. & CO., 1125 Chestnut, Phila., Pa. Also St. Louis, Mo., & Baltimore, Md. *See adv index at end of book*
Weil J. H. & Co., 1306 Arch, Phila., Pa.
Williams, Brown & Earle, 918 Chestnut, Phila., Pa.
Wissler A., B'way & Washington av, St. Louis, Mo.
Young & Sons, 43 N 7th, Phila., Pa.

Architectural Brass Work

See Grilles, Brass & Bronze

233— Architectural Faience

Cambridge Tile Mfg. Co., Covington, Ky.
Grueby Faience & Tile Co., 560 1st, South Boston, Mass.
Hartford Faience Co., Hartford, Conn.
Owens J. B. Floor & Wall Tile Co., Zanesville, O.
Rookwood Pottery Co., Rookwood Pl, Mt. Ad., Cincinnati, O.

Architectural Iron

See Iron, Architectural & Ornamental

Architectural Sculptors

See Modelers & Sculptors, Architectural; Carvers, Stone; Carvers, Wood, Classic

234—Architectural Water Colorists & Pen & Ink Artists

Buck Lawrence, 64 E Vanburen, Chicago, Ill.
Campbell Walter M., 8 Beacon, Boston, Mass.
Hawley Hughson, 1 Union sq, W, New York
Hewlett William A., 1265 B'way, New York

235— Arecolire

Hoffmann-La Roche Chemical Works, 440 Washington, New York

236— Argols

Fuller Ralph L. & Co. Inc., 2 Rector, New York *See adv index at end of book*
Harshaw Fuller & Goodwin Co., Cleveland, New York and Philadelphia.
Innes, Speiden & Co., Inc., (White & Red), 46 Cliff, New York *See adv index at end of book*
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

Armature Lifts

See Lifts, Motor, Car Pit

237—Armature Re-Winding & Commutator Re-Filling

Advance Electric & Mfg. Co., Kansas City, Mo.
Arrow Mfg. Co., Toledo, O.
Bissell F. Co., Toledo, O.
Cameron Elec'l Mfg. Co., Ansonia, Conn.
Capital Elec. Co., Springfield, Ill.
Chattanooga Armature Works, Chattanooga, Tenn.

CLEVELAND ARMATURE WORKS

4736 St. Clair av, Cleveland, O.

Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
Commutator Co., 121 N 1st, Minneapolis, Minn.
Cooke-Wilson Electric Supply Co., Imperial Power bldg, Pittsburgh, Pa.
Dittrick & Jordan Electric Co., 8700 Lorain av, Cleveland, O.
Doubleday-Hill Electric Co., 719 Liberty ave, Pittsburgh, Pa.
Downing-Smith Co, 430 S Green, Chicago, Ill.
ELECTRIC MOTORS CO. (THE), 5902 Carnegie av, Cleveland, O.
Electric Supply Co., Charleston, S. C.
Electro-Dynamic Co., Bayonne, N. J.
Electromechanical Co., 530 N Calvert, Baltimore, Md.
Eureka Co., North East, Pa.
Findlay Elec. Co., 215 S 5th, Minneapolis, Minn.
Flint Electric & Mfg. Co., Denver, Col.
Godsey & Fry, Richmond, Va.
Gregory Elec. Co., 1601 S Lincoln, Chicago, Ill.
Homer Commutator Co., 4748 Hough av N E, Cleveland, O.
Houston Armature Works, Houston, Texas
Jordan Bros., 74 Beekman, New York
Kester Electric Co., Terre Haute, Ind.
King Coil & Mfg. Co., 1011 Power av, Cleveland, O.
Leacock A. M., 85 Columbia, Newark, N. J.
Littlefield H. A. & Co., West Lynn, Mass.
Major M. E., Elec. Co., Wilkes-Barre, Pa.
Oliver Elec. & Mach. Co., Birmingham, Ala.
Pearson John W. Co., 839 W Lake, Chicago, Ill.
Pittsburgh Electrical & Machine Works, Barker pl, Pittsburgh, Pa.
Ridlon Frank Co., 251 A, Boston, Mass.
Scranton Elec. Const. Co., Scranton, Pa.
Southern Electric Co., 16 Light, Baltimore, Md.
Utica Armature Works, Utica, N. Y.
Wente Electric Co., Hamilton, O.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

238— Armatures

See also Coils, Armature & Field

Arrow Mfg. Co., Toledo, O.
Bissell F. Co., Toledo, O.
Cameron Elec'l Mfg. Co., Ansonia, Conn.
Capital Elec. Co., Springfield, Ill.

CLEVELAND ARMATURE WORKS

4736 St. Clair av, Cleveland, O.

Columbus Electrical Works Co., 247 N Front, Columbus, O.
Commutator Co., 121 N 1st, Minneapolis, Minn.
Cooke-Wilson Electric Supply Co., Imperial Power bldg, Pittsburgh, Pa.
Downing-Smith Co., 430 S Green, Chicago, Ill.
Electromechanical Co., 530 N Calvert, Baltimore, Md.
Eureka Co., North East, Pa.
Findlay Elec. Co., 215 S 5th, Minneapolis, Minn.
Hamer Commutator Co., 4748 Hough av N E, Cleveland, O.
Leacock A. M., 85 Columbia, Newark, N. J.
Littlefield H. A. & Co., West Lynn, Mass.
Major M. E. Elec. Co., Wilkes-Barre, Pa.
Pearson John W. Co., 839 W Lake, Chicago, Ill.
Pittsburgh Armature Works, 207 S Main, Pittsburgh, Pa.
Wente Electric Co., Hamilton, O.
WESTINGHOUSE ELEC. & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

239— Arresters (Lightning)

American Elec. Co., 6401 S State, Chicago, Ill.
Automatic Fusible Lightning Arrester Co., Colorado Springs, Colo.
Bunnell J. H. & Co., 32 Park pl, New York
Butler-Edwards Electric Co. (Mercury), Easton, Pa.
Central Tel. & Electric Co. (For Telephone), 310 N 11th, St. Louis, Mo.
Chance Mfg. Co. ("Sky-Rocket," for Telephone & Telegraph), Centralia, Mo.
Chicago Fuse Mfg. Co. (For Telephone & Telegraph), 1014 W Congress, Chicago, Ill.
Cook Frank B. Co. (Sneak Current for Light, Power, Telephone & Telegraph), 326 W Madison, Chicago, Ill.
Cox C. E. Arrester Co., Eaton, O.
D. & W. Fuse Co., Hathaway, Providence, R. I.
Delta-Star Electric Co. (High Tension Type, Pole Mounting), 2437 Fulton, Chicago, Ill.

ARRESTERS (Lightning)—continued

Electric Service Supplies Co. ("Garton-Daniels," for Light & Power), 17th & Cambria, Phila., Pa.
Foote, Pierson & Co. ("Argus," for Telephone & Telegraph), 160 Duane, New York
GENERAL ELECTRIC CO. (For Light & Power), Schenectady, N. Y.
See adv index at end of book
General Railway Signal Co., Rochester, N. Y.
Gifford Electric Mfg. Co. (For Light & Power), Traverse City, Mich.
Harvard Electric Co. (For Telephone & Telegraph), 525 W Van Buren, Chicago, Ill.
Holtzer-Cabot Electric Co. (For Telephone & Telegraph), 125 Amory, Boston, Mass.
Howard A. G., Holdredge, Neb.
Hubbard & Co. ("Universal"), 63d & Butler, Pittsburgh, Pa.
Insulator Arrester Co., Duluth, Minn.
Kellogg Switchboard & Supply Co. (For Telephone & Telegraph), 1066 W. Adams, Chicago, Ill.
Lafayette Electric & Mfg. Co. ("Ledic" for Telephone & Telegraph), Lafayette, Ind.
Leich Elec. Co., Genoa, Ill.
Lord Mfg. Co. ("Shaw" Non-Arcing, "Multi-Vapo-Gap," for Light, Power, Telephone & Telegraph), 105 W 40th, New York
McIntire Chas. Co., 35 Vesey, Newark, N. J.
Manhattan Electrical Supply Co. (For Light, Power. Telephone & Telegraph), 17 Park pl, New York
See adv index at end of book
Menominee Elec. Mfg. Co. (For Telephone & Telegraph), Menominee, Mich.
Minnesota Electric Co. ("Chapman," for Light, Power & Telephone), 309 2nd av S, Minneapolis, Minn.
National Electric Specialty Co. ("Vac-M," for Telephone & Telegraph), Toledo, O.
Phila. Electric Constr. Co. (For Telephones), Heed bldg, Phila., Pa.
Railroad Supply Co. (For Railway Signals), 203 S Dearborn, Chicago, Ill.
Railway & Industrial Engng. Co., People's Bk. bldg., Pittsburgh, Pa.
Reliable Electric Co. ("Reliable"), 411 S Sangamon, Chicago, Ill.
Royal Elec. Co., Sidney, O.
Shaw Insulator Co., 5 Kirk pl, Newark, N. J.
Schweitzer & Conrad, Inc., 4431 Ravenswood av, Chicago, Ill.
United Electric Supply Co., Marion, O.
Western Electric Co., 463 West, New York.
WESTINGHOUSE ELEC. & MFG. CO. (For Light & Power), East Pittsburgh, Pa. *See adv index at end of book*

240—Arresters (Spark, Electric)

Brady Electric Mfg. Co. (Electric Lamp), New Britain, Conn.
Phila. Electrical & Mfg. Co., 1236 N. 31st, Phila., Pa.
Western Electric Co., 463 West, New York
WESTINGHOUSE ELEC. & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

241-2-3-4—Arresters (Spark, Locomotive, Traction Engine, Etc.)

Barbee Wire & Iron Works, 170 N Dearborn, Chicago, Ill.
Casey-Hedges Co., Chattanooga, Tenn.
Hendrick Mfg. Co., Carbondale, Pa.
Littleford Bros., 444 E Pearl, Cincinnati, O.
Pope-Wheelock Mfg. Co., Watertown, S. D.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
South Bend Spark Arrester Co., South Bend, Ind.
Tyler W. S. Co., Cleveland, O.
See adv index at end of book
WRIGHT WIRE CO. (Locomotive), Worcester, Mass.
See adv index at end of book

Arsenate of Lead

See Lead Arsenate

Arsenate of Soda

See Sodium Arsenate

Arsenate of Zinc

See Zinc Arsenate

245— Arsenic

American Metal Co., 61 B'way, New York
American Smelting & Refining Co. (White), 120 B'way, New York
Atkins, Kroll & Co., 311 California, San Francisco, Cal.
Beer, Sondheimer & Co. Inc., 61 B'way, New York
Chrystal Chas. B. (Imp.) 13 Cliff, New York *See adv index at end of book*
Dingelstedt & Co., 21 State, New York
Doggett Stanley (Imp), 11 Cliff, New York
Drakenfeld B. F. & Co. (Imp), 50 Murray, New York
Ducas B. P. Co. (Imp Red), 25 S William, New York
Fuerst Bros. & Co., 2 Stone, New York

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Hill's Edw. Sons & Co. (Agents & Imp), 64 Wall, New York
Industrial Minerals Co. Inc., Monadnock bldg, San Francisco, Cal.
Innes, Speiden & Co., Inc., (White & Red), 46 Cliff, New York
See adv index at end of book
Klipstein A. & Co. (Imp Saxony & Silesia Red), 644 Greenwich, New York
McKesson & Robbins (Imp), 91 Fulton, New York
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Raritan Chemical Works, 8 W 40th, New York
Roessler & Hasslacher Chemical Co. (Red & White), 100 William, New York
Tennant C. Sons & Co. of N. Y. (Imp), 100 William, New York
U. S. Smelting Co. (White), Midvale, Utah
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

246— Arsenic (White)

American Smelting & Refining Co., 120 B'way, New York
Chipman Chemical Engineering Co. Inc., 95 Liberty, New York

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Klipstein A. & Co. (Imp), 644 Greenwich, New York
Roessler & Hasslacher Chemical Co., 100 William, New York
U. S. Smelting Co., Midvale, Utah

Art Metal Work

See Grilles, Brass & Bronze; also Grilles, Wrought Iron

246a— *Artesian Wells

See also Well Drilling Machy.
Sweeney & Gray Co., 81 to 85 6th, Long Island City, N. Y.
See adv index at end of book

SWEENEY & GRAY CO.
ARTESIAN WELLS
TEST, CORE & FOUNDATION BORINGS
Manufacturers of
ARTESIAN WELL, TEST CORE, TOOLS AND MACHINERY
CONTRACTING ENGINEERS AND MACHINISTS
Hunters Pt. 1881 81 to 85 6th St. L. I. City

246b— *Asbestine

WILLIAMS C. K. & CO., Easton, Pa.

246c— *Asbestine Pulp

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

INTERNATIONAL PULP CO. ("Asbestine"), 41 Park row, New York

247—Asbestos Building Lumber

Asbestos Wood Co., Nashua, N. H.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Hoff John D. Asbestos Co. ("Hoffite" Flooring), Monadnock bldg, San Francisco, Cal.
Hoff John D. Asbestos Co. ("Hoffite Plastic"), Monadnock bldg, San Francisco, Cal.
Johns H. W.-Manville Co. ("J.M."), Madison av & 41st, New York
Standard Asbestos Co., 75 Fulton, New York

Asbestos Cloth

See Asbestos Material

Asbestos Cooking Utensils

See Asbestos Household Articles; also Asbestos Material

248—Asbestos Corrugated Sheathing (Reinforced)

Asbestos Shingle, Slate & Sheathing Co. (With Woven Wire), Ambler, Pa.

Asbestos Coverings

See Pipe & Boiler Coverings, Asbestos

249— Asbestos Felting Mfrs.

Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
Franklin Mfg. Co., Franklin, Pa.
Johns H. W.-Manville Co., Madison av & 41st, New York
Keasbey & Mattison Co., Ambler, Pa.
Watson H. F. Co., Erie. Pa,

250— Asbestos Fibre

American Asbestos Co. (Carded), Norristown, Pa.
Asbestos & Mineral Corp., 17 Battery pl, New York
Asbestos Textile Co., 233 B'way, New York
Johns H. W.-Manville Co. ("J-M"), Madison av & 41 st, New York
Mikesell Bros. Co. (Carded & Crude), 176-178 N. La Salle, Chicago, Ill.
Standard Asbestos Co., 75 Fulton, New York

251-2—Asbestos Gloves & Mitts

American Asbestos Co., Norristown, Pa.
Asbestos Fibre Spinning Co., North Wales, Pa.
Asbestos Textile Co., 233 B'way, New York
Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Johns H. W.-Manville Co., Madison av & 41st, New York
Keasbey & Mattison Co., Ambler, Pa.
Mikesell Bros. Co., 176-178 N La Salle, Chicago, Ill.
Safety First Supply Co., Hartje bldg, Pittsburgh, Pa.
Standard Asbestos Co., 75 Fulton, New York
Spencer Glove & Mittens Co., Waverly, N. Y.
Wheeler & Holcomb Co. ("Universal"), 1360 Wells, Chicago, Ill.

253—Asbestos Listing or Tape

American Asbestos Co., Norristown, Pa.
Asbestos Textile Co., 233 B'way, New York
Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
General Asbestos Rubber Co. ("Garco"), Charleston, S. C.
Johns H. W.-Manville Co., Madison av & 41st, New York
Keasbey & Mattison Co., Ambler, Pa.
Mikesell Bros. Co., 176-178 N La Salle Chicago, Ill

Standard Asbestos Co., 75 Fulton, New York

254— Asbestos Material

See also Asbestos Paper & Mill Board Mfrs

Acme Asbestos Covering & Supply Co., 404 N Ada, Chicago, Ill.
See adv index at end of book
American Asbestos Co. (Cloth, Yarns, Cords, Tapes, etc), Norristown, Pa.
American Asbestos & Mfg. Co., 58 Sutter, San Francisco, Cal.
AMERICAN INSULATION CO., Roberts av & Stokley, Philadelphia, Pa.
See adv index at end of book
Asbestos Co. of Calif., 16 Katoma, San Francisco, Cal.
Asbestos Fibre Spinning Co., North Wales, Pa.
Asbestos & Rubber Works of America (Yarns, Cloth, etc), 58th & B'way, New York
Asbestos Textile Co., (Cloth Cord Rope, Wick & Yarn), 233 B'way, New York
Baltimore Roofing & Asbestos Mfg. Co. ("Bramco"), Asbestos, Md.
Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
Chicago Fire Proof Covering Co., 322 N Michigan av, Chicago, Ill.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa. Works: Valley Forge, Pa.
Excello Mfg. Co., 1836 Euclid av, Cleveland, O.
Federal Asbestos Co., Milwaukee, Wis.
Fibre Rock Mfg. Co., 4566 Silverwood, Phila., Pa.
Franklin Mfg. Co. (Tape, Cord, Cloth, etc), Franklin, Pa.
General Asbestos Rubber Co. ("Garco"), Charleston, S. C.
Johns H. W.-Manville Co. ("J M"), Madison av & 41st, New York
Jones I. G. Co. (Textiles), Syracuse, N. Y.
Keasbey & Mattison Co., Ambler, Pa.
Mikesell Bros. Co. (Cloth, Yarns, Textiles), 176-178 N La Salle, Chicago, Ill.
Miller Enwright Co., Sacramento, Cal.
Roe & Conover, 206 Frelinghuysen av, Newark, N. J.
See adv index at end of book
Sall Mountain Co., 230 S La Salle, Chicago, Ill.
Schaw-Batcher Co., Sacramento, Cal.
Standard Asbestos Co., 75 Fulton, New York
Standard Woven Fabric Co. (Yarns, Cloth, etc.), Walpole, Mass.
Thermoid Rubber Co., Trenton, N. J.
Thomson-Diggs Co., Sacramento, Cal.
Trainer C. W. Mfg. Co., 55 High, Boston, Mass.
United States Asbestos Co., Lancaster, Pa.
Watson H. F. Co., Erie, Pa.
Western Asbestos Magnesia Co., 25 S Park, San Francisco, Cal.

Asbestos Metallic Cloth

See Packing, Asbestos Metallic

255— Asbestos Miners

Asbestos & Mineral Corp., 17 Battery pl, New York
Keasbey & Mattison Co., Ambler, Pa.
Martin R. H. Co., 220 B'way, New York
Sall Mountain Co. (Fibre), 230 S La Salle, Chicago, Ill.

256—Asbestos Paper & Mill Board Mfrs.

See also Asbestos Material

Acme Asbestos Covering & Supply Co., 404 N Ada, Chicago, Ill.
See adv index at end of book
Albion Mfg. Co., Seattle, Wash.
American Insulation Co., Roberts av & Stokley, Phila., Pa.
See adv index at end of book
Baltimore Roofing & Asbestos Mfg. Co. ("Bramco"), Asbestos, Md.
Carey Philip Mfg. Co., 330 Wayne av Lockland, Cincinnati, O.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa., Works, Valley Forge, Pa.
Franklin Mfg. Co., Franklin, Pa.
General Asbestos Rubber Co. ("Garco"), Charleston, S. C.
Johns H. W.-Manville Co., Madison av & 41st, New York
Keasbey & Mattison Co., Ambler, Pa.
Kramig R. E. & Co., 8th & Eggleston av, Cincinnati, O.
Mikesell Bros. Co., 176-178 N La Salle, Chicago, Ill.
N. Y. Asbestos Co., 203 Front, New York
Norristown Magnesia & Asbestos Co., Norristown, Pa.
Racich Asbestos Co.,, 609 W 55th, New York
Standard Asbestos Co., 75 Fulton, New York
UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
United States Asbestos Co., Lancaster, Pa.
Watson H. F. Co., Erie, Pa.

257— Asbestos Powder

Doggett Stanley, 11 Cliff, New York
International Pulp Co., 41 Park row, New York
Standard Asbestos Co., 75 Fulton, New York
Whittaker, Clark & Daniels Inc., 250 Front, New York
Williams, C. K. & Co. ("Anchor Brand"), Easton, Pa.

258—Asbestos Protected Metal

Asbestos Protected Metal Co. (Corrugated & Flat for Roofing, Siding & Ceilings), 1st Ntl. Bank bldg, Pittsburgh, Pa.
Steel Sales Corp'n, Adams & Jefferson, Chicago, Ill.

Asbestos Roofing

See Roofing, Asbestos

Asbestos Rope, Cord & Twine

See Asbestos Material

259— Asbestos Table Padding

Asbestos Fibre Spinning Co. ("Huber"), North Wales, Pa.
Asbestos & Rubber Works of America, 58th & B'way, New York
Johns H. W.-Manville Co. ("J-M"), Madison av & 41st, New York
Kirney Mfg. Co., 184 W 62nd, Chicago, Ill.
Mikesell Bros. Co., 176-178 N La Salle, Chicago, Ill.

Asbestos Textiles

See Asbestos Materials

Asbestos Yarns

See Asbestos Materials

Ash Chutes (Steel Plate)

See Chutes, Steel Plate

Ash Handling Plants

See Coal Handling Systems for Power Plants, also Conveyors, Coal & Ash Handling; also Coal & Ore Handling Machinery

Ash (Pearl)

See Potassium Carbonate Calcined)

260— Ash Receivers

SCHIMPER WILLIAM & CO., 322-338 Ferry, Hoboken, N. J., & 33 Union sq, W, New York

Ash (Tin)

See Tin Oxide, also Oxide of Tin

262—Asphalt Dealers & Importers

Baker John Jr., 17 Battery pl, New York
Barber Asphalt Paving Co., Land Title bldg, Philadelphia, Pa.
Barrett Co., 17 Battery pl, New York
Byerley & Sons ("Byerlyte"), 2489 W 4th, Cleveland, O.
Canfield Oil Co. ("Bituflex"), Cleveland, O.
Densmore-Stabler Refining Co., Los Angeles, Cal.
Doggett Stanley, 11 Cliff, New York
Fuerst Bros. & Co. (Imported), 2 Stone, New York
Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.
Headley Good Roads Co., 301 S 30th, Phila, Pa.
Hercules Oil Refining Co., Los Angeles, Cal.
Indian Refining Co., 244 Madison av, New York
International Asphalt Co. ("Cubanel," Natural Sheet Asphalt for Paving), 133 W. Washington, Chicago, Ill.
Lamson Jno. S & Bro. (Imp), 347 Madison av, New York
Meng Anthony & Co. (Importers), 17 S Front, Phila, Pa.
Neuchatel Asphalte Co., Ltd, 79 Tompkins, New York
Saacke Chas. W. (Imp.), 27 William, N. Y.
Scheel Wm. H. (Imp), 159 Maiden la, N. Y.
Shelby-Downard Asphalt Co., Ardmore, Okla.
Southern Refining Co., Los Angeles, Cal.
Standard Asphalt & Rubber Co. ("Sarco"), 208 S La Salle, Chicago, Ill.
Standard Wax & Import Co. (Imp), 95 William, New York
Sun Company, Finance bldg, Phila., Pa.
Trinidad Asphalt Mfg. Co., Title Guarantee Trust bldg, St. Louis, Mo.
United States Asphalt Refining Co., 90 West, New York
Wadsworth Stone & Paving Co., Lambert & P. R. R., Pittsburgh, Pa.
Warner-Quinlan Asphalt Co., 79 Wall, New York
Warren Bros. Co., 142 Berkeley, Boston, Mass.
Westrumite Co., Whiting, Ind.

Asphalt (Liquid & Solid)

See Asphalt Miners & Refiners

263— Asphalt Mastic

Barber Asphalt Paving Co. ("Vulcanite" Special), Land Title bldg, Phila., Pa.
Gabriel & Schall ("Brunswick" Imported), 295 B'way, New York
Neuchatel Asphalte Co., Ltd, 79 Tompkins, New York
Shields W. S. P., Witherspoon bldg, Phila., Pa.
Standard Asphalt & Rubber Co. ("Sarco," "Matrix"), 208 S La Salle, Chicago, Ill.
Wadsworth Stone & Paving Co. ("Standard"), Lambert & P. R. R., Pittsburgh, Pa.
Warren Chemical & Mfg. Co., 17 Battery pl, New York

264—Asphalt Miners & Refiners

American Asphalt Ass'n. (Miners only of Gilsonite), St. Louis, Mo.
Asphaltum & Oil Refining Co., Los Angeles, Cal.
Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.
Barrett Co., 17 Battery pl, New York
Byerley & Sons ("Byerlyte" "Mastic"), 2489 W 4th, Cleveland, O.
California-Fresno Oil Co., Fresno, Cal.
Central Commercial Co., 111 N Market, Chicago, Ill.
Chesapeake Oil Co. Stockholm & Peach alley, Baltimore, Md.
Densmore-Stabler Refining Co., Los Angeles, Cal.
Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.
Hercules Oil Refining Co., Los Angeles, Cal.
Indian Refining Co. (Liquid), 44 Whitehall, New York
International Asphalt Co. (Refined Cuban Asphalt), 133 W Washington, Chicago, Ill.
King Refining Co., 58 Sutter, San Francisco, Cal.
Neuchatel Asphalte Co., Ltd. (Mastic), 79 Tompkins, New York
New Trinidad Lake Asphalt Co., Land Title bldg, Phila., Pa.
Shelby Downward Asphalt Co., Ardmore, Okla.
Shields W. S. P. (Mastic), Witherspoon bldg, Phila., Pa.
Southern Refining Co., Los Angeles, Cal.
Standard Asphalt & Rubber Co., ("Sarco"), 208 S La Salle, Chicago, Ill.
Standard Oil Co. of N. J., 26 B'way, New York
Standard Oil Co. of N. Y., 555 W 25th, New York
Texas Co., 17 Battery pl, New York
Trinidad Asphalt Mfg. Co. (Refiners), Title Guaranty bldg, St. Louis, Mo.
Union Oil Co. (of California), Los Angeles, Cal.

ASPHALT MINERS & REFINERS—con't.
United States Asphalt Refining Co., 90 West, New York
Wadsworth Stone & Paving Co. ("Standard" Mastic), Lambert & P. R. R., Pittsburgh, Pa.
Warner-Quinlan Asphalt Co., 79 Wall, New York
Warren Chemical & Mfg. Co. (Mastic), 17 Battery pl, New York

265— Asphalt Pipe Dip

Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.
Byerly & Sons ("Byerlyte"), 2489 W. 4th, Cleveland, O.
Indian Refining Co., 244 Madison av., New York
Southern Refining Co., Los Angeles, Cal.
Standard Asphalt & Rubber Co. ("Sarco"), 208 S La Salle, Chicago, Ill.
Texas Co. ("Texaco"), 17 Battery pl, N.Y.
Union Oil Co. (of California), Los Angeles, Cal.

266— Asphalt Plant Builders

Barber Asphalt Paving Co. ("Iroquois" Portable & Stationary), Land Title bldg, Phila., Pa.

CUMMER ASPHALT PLANTS

All Steel. Portable on wheels. Shipped completely erected. Capacity, 800 to 2,000 sq. yds. daily. Hundreds in operation.

THE F. D. CUMMER & SON CO.
Cleveland, Ohio, U. S. A.

ASPHALT PLANTS—PORTABLE
COST 50% LESS—PRODUCE 50% MORE
DYAR SUPPLY CO., CAMBRIDGE, MASS.

East Iron & Machine Co. (Stationary, Portable & One Car), 351 E Market, Lima, O.
Hetherington & Berner, Indianapolis, Ind.
Pioneer Iron Works (Refining Plants), 149 Pioneer, Brooklyn, N. Y.
Schwab Philip Co., 16th & Canal, Milwaukee, Wis.

Asphalt Rollers (Steam)

See Rollers, Steam Road

266a— Aspirators

Wehling Instrument Co. (For Air, Steam or Water), 71 B'way, New York

267— Aspirators (Flour Mill)

Allis-Chalmers Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
Barnard & Leas Mfg. Co., Moline, Ill.
Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Richmond Mfg. Co. ("Niagara" Centrifugal, Oat, Hull & Grain), Lockport, N. Y.
Union Iron Works, Decatur, Ill.
Wolf Co., Chambersburg, Pa.

268— Assayers

See also Chemists; also Laboratories
Banks John H. & Son, 61 B'way, New York
Burlingame, Walter E., Denver, Colo.
Ely Ethelbert, Dover, N. J.
Hauks A. A., 630 Sacramento, San Francisco, Cal.
James Geo. A. Co., 28 Belden pl, San Francisco, Cal.
Kansas City Testing Laboratory, Kansas City, Mo.
Ledoux & Co., 99 John, New York
Luckhart C. A. Co., 53 Stevenson, San Francisco, Cal.
Officer R. H. & Co., Salt Lake City, Utah
Richardson Research Laboratory, 1836 Euclid av, Cleveland, O.
Ricketts & Co., 80 Maiden la, New York
St. Louis Sampling & Testing Works, 713 Clark av, St. Louis, Mo.
Smith, Emery & Co., 651 Howard, San Francisco, Cal.
Stowell Wm. H., Spokane, Wash.

Assayers' Supplies

See Chemical Apparatus

269— Atlases

Cram Geo. F. Co., 107 N Market, Chicago, Ill.
Rand, McNally & Co., 538 S Clark, Chicago, Ill.

270— Atomizers (Air)

DeVilbiss Mfg. Co. ("Aeron" System), Toledo, O.

271— Atomizers (Billow)

National Supply Co. (For Fuel Oil Vaporization), 416 W Grand av, Chicago, Ill.

272— Atomizers (Medicinal)

Becton, Dickinson & Co. ("Yale"), Rutherford, N. J.
DeVilbiss Mfg. Co., Toledo, O.
Hospital Rubber Co. ("Multiple," "Peerless"), Attleboro, Mass.

273— Atomizers (Spray)

See also Sprayers, Potato
MYERS F. E. & BRO., 800 Orange, Ashland, O.
See adv index at end of book

274— Atrophine

Hoffmann-La Roche Chemcial Works, 440 Washington, New York

275—Attachments (Automatic Drilling)

Lodge & Shipley Machine Tool Co. (Axle), Cincinnati, O.
National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.

276—Attachments (Bean Harvester)

Akron Cultivator Co. ("Kraus"), Akron, O.
Gale Mfg. Co. ("Albion," "Gale"), Albion, Mich.
Lehr Agricultural Co., Fremont, O.
Ohio Cultivator Co., Bellevue, O.
Reed Fdry. & Mach. Co., Kalamazoo, Mich.

277—Attachments (Binder, for Headers)

Acme Harvesting Machine Co. ("Acme King"), Peoria, Ill.
Massey-Harris Harvester Co., Batavia, N. Y.

278—Attachments (Binder, for Threshers)

Massey-Harris Harvester Co., Batavia, N. Y.

279—Attachments (Cam Grinding)

Landis Tool Co., Waynesboro, Pa.

Attachments (Chain Drilling)

See Drills, Chain Attachment

280—Attachments (Clover Huller, for Threshers)

Farquhar A. B. Co., Ltd., York, Pa.
Nichols & Shepard Co., Battle Creek, Mich.

281—Attachments (Disc Drill & Seeder)

Case J. I. Plow Works, Racine, Wis.
Deere & Co. ("Deere"), Moline, Ill.
Emerson-Brantingham Co., Rockford, Ill.
Fetzer & Co. ("Fetzer," "McSherry"), Springfield, Ill.
Janesville Machine Co., Janesville, Wis.

282—Attachments (Disc Furrowing)

For Runner Corn Planters
American Seeding Machine Co. ("Hoosier," "Superior"), Richmond, Ind.
Deere & Co. ("Deere"), Moline, Ill.
Parlin & Orendorff Co. ("P. & O."), Canton, Ill.

283—Attachments (Drill, for Disc Harrows)

Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.

283a—*Attachments (Drill Press)

Newman Mfg. Co., 717 Sycamore, Cincinnati, O., & 68 W Washington, Chicago, Ill. *See adv index at end of book*

284—Attachments (Dropper, for Mowers)

Massey-Harris Harvester Co., Batavia, N. Y.
Seiberling & Miller Co. ("Empire"), Doylestown, O.

285— Attachments (Fertilizer)

Aspinwall Mfg. Co., Jackson, Mich.
Bateman Mfg. Co. ("Iron Age"), Grenloch, N. J.
Case J. I. Plow Works, Racine, Wis.
Deere & Co. ("Deere"), Moline, Ill.
Hayes Pump & Planter Co., Galva, Ill.
Parlin & Orendorff Co. ("P. & O."), Canton, Ill.
Peoria Drill & Seeder Co. ("Peoria"), Peoria, Ill.
Racine-Sattley Co. ("Sattley"), Springfield, Ill.
Sechler D. M. Implement & Carriage Co. ("Black Hawk"), Moline, Ill.
Texas Implement & Machine Co. ("Texas"), Dallas, Tex.

286—Attachments (Flax, for Binder)

Acme Harvesting Machine Co., Peoria, Ill.

287—Attachments (Gang Press Wheel)

For Grain Drills
American Seeding Machine Co. ("Empire," "Farmers'," "Favorite," "Hoosier," "Kentucky," "Superior"), Richmond, Ind.
Fetzer & Co., Springfield, Ill.

288— Attachments (Gas)

American Brass & Copper Co., 138 Lafayette, New York
American Pin Co., Waterville, Waterbury, Conn.
Bryant Electric Co., Bridgeport, Conn.
Macallen Co., 16 Macallen, S Boston, Mass.
Manhattan Elec'l Supply Co., 17 Park pl, New York *See adv index at end of book*
Plume & Atwood Mfg. Co., Waterbury, Conn.
Simpson Edwin B. Co., 68 Franklin av, Brooklyn, N. Y.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Trumbull Electric Mfg. Co., Plainville, Conn.
Walsh Owen Mfg. Co., 525 W 26th, New York
White J. H. Mfg. Co., 111 N 3d, Brooklyn, N. Y.

289-90—Attachments (Gear Cutting)

Garrett Attachment Co., 1328 B'way, New York
Mafreto Machine & Tool Co. ("Young"), Worcester, Mass.
WHITON D. E. MFG. CO. (Center, Key-Seating & Vise), New London, Conn. *See adv index at end of book*

291—Attachments (Harrow, Sulky)

American Seeding Machine Co. ("Evans"), Richmond, Ind.
Brinly Hardy Co., Louisville, Ky.
Dexter Co. ("Excelsior"), Fairfield, Iowa
Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.
Joliet Mfg. Co., Joliet, Ill.
Moline Plow Co. ("Moline Orchard"), Moline, Ill.

Ohio Cultivator Co., Bellevue, Ohio
Parlin & Orendorff Co. ("P. & O."), Canton, Ill.
Peoria Drill & Seeder Co. ("Peoria"), Peoria, Ill.
Stoughton Wagon Co. ("New Stoughton"), Stoughton, Wis.

292— Attachments (Header)

Acme Harvesting Machine Co. ("Acme King"), Peoria, Ill.
Massey-Harris Harvester Co., Batavia, N. Y.

293—Attachments (Keyseater, for Cutting Oil Grooves)

Mitts & Merrill, 1939 S Water, Saginaw, Mich.

294—Attachments (Milling Machine)

Adams Co. ("Farwell"), Dubuque, Iowa
Becker Milling Machine Co. (Vertical & Slotting), Hyde Park, Mass.
Bliss E. C. Mfg. Co., 73 Page, Providence, R. I.
Brown & Sharpe Mfg. Co., Providence, R. I.
Cincinnati Milling Machine Co., Cincinnati, Ohio
Elgin Tool Works, Elgin, Ill.
Enderes, Inc. ("Haase" Lathe Miller), Albert Lea, Minn.
Garrett Attachment Co., 1328 B'way, New York
Garvin Machine Co., 147 Varick, New York
Goodell-Pratt Co. (For Precision Latch), Greenfield, Mass.
Haase Machine Works (For Lathes), Minneapolis, Minn.
Kempsmith Mfg. Co., West Allis, Wis.
Niles-Bement-Pond Co., 111 B'way, New York
Oesterlein Mach. Co. (Vertical), Cincinnati, O.
Porter-Cable Machine Co., Syracuse, N. Y.
Pratt & Whitney Co., Hartford, Conn.
Ready Tool Co. (Vise Hold Down), Bridgeport, Conn.
Whitney Mfg. Co. (Vertical Universal), Hartford, Conn.

295—Attachments (Multiple Drilling)

Reed Francis Co., Worcester, Mass.

296—Attachments (Oil Burning, for Traction Engines)

Case J. I. Threshing Machine Co., Racine, Wis.
Emerson - Brantingham Co. ("Reeves") Rockford, Ill.

297—Attachments (Plowing, Traction Engine)

Avery Co., Peoria, Ill.
Case J. I. Threshing Machine Co., Racine, Wis.
Emerson-Brantingham Co. ("Peerless," "Geiser"), Rockford, Ill.

297a—*Attachments (Pull Chain and Flush Plate)

General Elec. Co. ("Radieye"), Schenectady, N. Y. *See adv index at end of book*

298—Attachments (Pump Spout)

Chicago Hardware Foundry Co., North Chicago, Ill.

299—Attachments (Reaping, for Mowers)

Wood Walter A. Mowing & Reaping Machine Co., Hoosick Falls, N. Y.

300—Attachments (Riding, for Plows)

Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.
Moline Plow Co., Moline, Ill.
Parlin & Orendorff Co. ("P. & O"), Canton, Ill.
Walker Mfg. Co. ("Covey"), Council Bluffs, Iowa

301—Attachments (Rotary Harrow, for Plows)

Caswell Mfg. Co., Cherokee, Ia.
National Harrow Co. ("De-Mand-A"), Le Roy, Ill.
Stevens Mfg. & Foundry Co., Decatur, Ill.

302—Attachments (Seeder, for Disc Harrows)

Cutaway Harrow Co. ("Clark's" Force Feed), Higganum, Conn.
Deere & Co. ("Deere"), Moline, Ill.
Deuscher H. P. Co. ("Hamilton"), Hamilton, O.
Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.
Fetzer & Co. ("Columbia," "Fetzer," "McSherry"), Springfield, Ill.
Janesville Machine Co., Janesville, Wis.
Massey-Harris Harvester Co. ("Continental"), Batavia, N. Y.
Moline Plow Co. ("Economy," "Flying Dutchman"), Moline, Ill.
Ohio Cultivator Co. ("Bellevue"), Bellevue, O.
Parlin & Orendorff Co. ("P. & O.," "Star"), Canton, Ill.
Sterling Mfg. Co., Sterling, Ill.

303—Attachments (Sleigh Runner)

Cartier A. E. Sons Co. ("Chapman"), Ludington, Mich.
Schofield & Co., Freeport, Ill.

304—Attachments (Spring Tooth, for Disc Cultivators)

Avery B. F. & Sons ("Revolution," "Uncle Sam"), Louisville, Ky.
Deere & Co. ("Deere"), Moline, Ill.
Massey-Harris Harvester Co., Batavia, N. Y.
Kelly G. A. Plow Co., ("Boss"), Longview, Tex.

305—Attachments (Stalk Cutter)

Avery B. F. & Sons ("Revolution"), Louisville, Ky.
Hartman Mfg. Co. ("Pilot"), Vincennes, Ind.
Ohio Cultivator Co., Bellevue, O.

306—Attachments (Stone Planing Machine)

Lincoln Iron Works ("Thomson" Circular), Rutland, Vt.

306a—*Attachments (Vacuum Cleaner)

Spaulding J. & Sons Co. (Hard Fibre), P. O. Box 52, Tonawanda, N. Y.
See adv index at end of book

307-8— Attachments (Wood Barking)

Baker Mfg. Corp., Saratoga Springs, N. Y.

309— Audiphones

Globe Ear Phone Co., 88 Tremont, Boston, Mass.
Harper Oriphone Co., 294 Washington, Boston, Mass.
Mears Earphone Co., 43 W 34th, New York
Micropho-Detector Co., Inc. ("Micropho"), 26 Cortlandt, New York
Stolz Electrophone Co., 5 N Wabash av Chicago, Ill.

Augers (Boring Machine)

See Bits, Auger

Augers (Breast)

See Augers, Miners

Augers (Bung)

See Borers, Bung Hole

Augers (Carpenters')

See Bits, Auger

Augers (Coal)

See Augers, Miners'

310—Augers (Flexible Pipe Cleaning)

Coleman Allan J., 208 N Wabash av, Chicago, Ill.
Lewis Samuel ("Wrigley"), 73 Barclay, New York
Wolverine Brass Works ("Wolverine" Adjustable), Grand Rapids, Mich.

311-12— Augers (Hollow)

Bonney Vise & Tool Works, Allentown, Pa.
See adv index at end of book
Buckeye Mfg. & Fdry. Co. ("Stearns" & "Bonney" Patterns), 2046 W 55th, Cleveland, O.
Cincinnati Tool Co. ("Hargrave," Adjustable), Norwood, Cincinnati, O.
See adv index at end of book
Goodell-Pratt Co., Greenfield, Mass.
House Cold Tire Setter Co. ("Kelly, Jr."), **4143 Laclede av, St. Louis, Mo.**
Ives W. A. Mfg. Co. ("Ives" Expansive, "Novelty"), Wallingford, Conn.
Millers Falls Co. (Adjustable), Millers Falls, Mass.
Silver Mfg. Co. ("Star"), Salem, O.
Stearns E. C. & Co., ("Stearns" & "Bonney" Patterns), 450 Oneida, **Syracuse, N. Y.**
Swan Jas. Co. ("Ames," "Universal" Chisel), Seymour, Conn.
Wood A. A. & Sons Co. ("Universal"), Atlanta, Ga.

Augers (Ice)

See Tools, Ice

Augers (Millwrights')

See Bits, Auger

313—Augers (Miners', Coal, Etc.)

Dooley Bros. (Coal), 604 S Adams, Peoria, Ill.
Fairmont Mining Machinery Co. ("Fairmont," Power), Fairmont, W. Va.
Fulton Tool Works (Breast), Canal, Fulton, O.
Hardsocg Mfg. Co. (Breast), Ottumwa, Ia.
Hardsocg Martin Co. (Breast, etc), 922 South av, Pittsburgh, Pa.
Leetonia Tool Co., Leetonia, O.
Nixon Mining Drill Co., (Breast, etc.), Chattanooga, Tenn.
Peglar Machy. ("Breast"), Chattanooga, Tenn.
Salem Tool Co. ("Salem" Breast Auger for Coal Mining), Salem, O.
Snell Mfg. Co., Fiskdale, Mass.
Warwood Tool Co. (Breast), Warwood, Wheeling, W. Va.
What Cheer Tool Co. ("Breast," for Soft Coal, also "Moser" Ratchet), What Cheer, Ia.

314—Augers (Post Hole, Earth, Etc.)

See also Diggers, Post Hole

Blake Specialty Co. (Water Pressure), Rock Island, Ill.
Carbo Corporation ("Carbo"), 538 S Clark, Chicago, Ill.
Chickasaw Machine & Foundry Co., Memphis, Tenn.
Coates Clipper Mfg. Co. ("Coates", Power for Blasting Purposes) Worcester, Mass.
Cook A. D., Lawrenceburg, Ind.
Dicke Tool Co., Downers Grove, Ill.
Eureka Fence Mfg. Co. ("S. & B"), Richmond, Ind.
Fenn Mfg. Co. ("Fenn's" Adjustable), Charlotte, Mich.
Frantz Mfg. Co., Sterling, Ill.
Gill Mfg. Co. (Mine), Phillipsburg, Pa.
Hall Mfg. Co. ("Hall"), Monticello, Ia.
Howell R. R. & Co., 31st av, Minneapolis, Minn.
Indiana Steel & Wire Co., Muncie, Ind.
Iwan Bros. ("Iwan's," "Vaughns"), South Bend, Ind.
Klein Mathias & Sons, 562 W Van Buren, Chicago, Ill.
Lehr Agricultural Co., Fremont, O.
Pratt Wm. E. Mfg. Co. ("Star"), 35 W Lake, Chicago, Ill.
Pugh Job T., 31st & Ludlow, Phila, Pa.
Richards-Wilcox Mfg. Co. ("Richards"), Aurora, Ill.
Seymour Mfg. Co. ("Vaughn" Pattern), Seymour, Ind.
Standard Auger Co. ("Standard"), 57 W 34th, Chicago, Ill.
Vaughan & Bushnell Mfg. Co. ("V. & B."), 2114 Carroll av, Chicago, Ill.
Williams Bros., Ithaca, N. Y.

315-6— Augers (Pump Log)

Pugh Job T., 31st & Ludlow, Phila., Pa.
Snell Mfg. Co., Fiskdale, Mass.

Augers (Rafting)

See Bits, Auger

Augers (Ring)

See Bits, Auger

Augers (Ship)

See Bits, Auger

Augers (Telegraph)

See Augers, Post Hole

317— Augers (Treenail)

Drew C. & Co., Kingston, Mass.
Ford Auger Bit Co. ("Ford"), Holyoke, Mass.
Snell Mfg. Co., Fiskdale, Mass.

318— Augers (Twist & Hub)

Defiance Machine Works, Defiance, O.

319— Augers (Well)

Dempster Mill Mfg. Co., Beatrice, Neb.
Iwan Bros., South Bend, Ind.
Loomis Machine Co., Tiffin, O.
Mark Mfg. Co., Evanston, Ill.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Pech Gus Foundry & Mfg. Co. ("Monitor"), Le Mars, Ia.
Southern Engine & Boiler Works, Jackson, Tenn.
Star Drilling Machine Co., Akron, O.

319a— Autoclaves

Badger E. B. & Sons Co., 75 Pitts, Boston, Mass.
Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Devine J. P. Co., Buffalo, N. Y.
Elyria Enameled Products Co. (Cast Iron, Glass Enameled), Elyria, O.
See adv index at end of book
FABRICATED STEEL PRODUCTS CORP., Box 300, Leetonia, O.
See adv index at end of book
Manitowoc Engineering Wks., Manitowoc, Wis.
Stevens Bros., 85 Liberty, New York
Stuart & Peterson Co., Burlington, N. J.
U. S. Welding Co., Inc., 155 Lafayette, New York
Valley Iron Works, Williamsport, Pa.

319b—*Automatic Whistle Operator

Pneumercator Co. (Inc.), 118 Liberty, N. Y.
See adv index at end of book

320— *Automobile Accessories

Alcemo Mfg. Co. ("Kov-Ker"), 35 Bridge, Newark, N. J.
Am. Auto Necessories Co., 410 Tulow, Cincinnati, O.
Cray Bros. (Jobbers), 1111 W 11th, Cleveland, O.
Douglas & Rudd Mfg. Co., Bronson, Mich.
Eclipse Mfg. Co., 502 Meridian Life, Indianapolis, Ind.
Foster Bros. Mfg. Co. (Auto Coasters & Tire Chain Hookers), Utica, N. Y.
Frasse Peter A. & Co., Inc., 417 Canal, New York *See adv index at end of book*
GWILLIAM CO., (Ball & Roller Bearings), 255 W 58th, New York
See adv index at end of book
Hearsey H. T. Co. (Jobbers), 339 N Capitol, Indianapolis, Ind.
Herz & Co., 245 W 55th, New York
Kimball-Upton Co. (Jobbers), Sacramento, Cal.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
National Gauge & Equipment Co., La Crosse, Wis.
New Departure Service Station (Ball & Roller Bearings), 255 W 58th, New York
Pouvailsmith Corp., Poughkeepsie, N. Y.
Remick Jas. S. Co., Sacramento, Cal.
Saxon Mfg. Co., 1034 Grand av, Toledo, O.
Stande E. G. Mfg. Co. (attachments), St. Paul, Minn.
Treman King Co., Ithaca, N. Y.
Westing G. H. Co., 219 Massachusetts av, Indianapolis, Ind.
Williams J. H. & Co. (Wrenches, Wrench Sets, Tire Tool & Auto Tool), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

Automobile Boats

See Motor Boat, Launch & Yacht Builders

321— Automobile Builders

Marked thus *build Pleasure Cars; †build Commercial Cars; §build Cycle Cars. See also list of "Automobile Trade Names" which immediately follows and which will enable one to locate the manufacturer of almost any Pleasure or Commercial Car made.

All makes are Gasoline Cars unless otherwise described.

Importers of Foreign Makes Are Included in This List and Are so Marked.

NOTE—See also Fire Engines, Motor; also Motor Cycles; also Trucks.

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*Abbott Corp., 960 Lafayette av E., Detroit, Mich.
†Abbott Downing Truck & Body Co., Concord, N. H.
†Acason Motor Truck Co., 291 12th, Detroit, Mich.
†Acme Motor Truck Co., 808 E Woodbridge, Detroit, Mich.
†Acme Wagon Wks., Emigsville, Pa.
†Adams Truck, Foundry & Machine Co., Findlay, O.
†All American Truck Co., Sacramento blvd, Chicago, Ill.
*Allen Motor Co., Fostoria, O.
*Alter Motor Car Co., Plymouth, Mich.
Amalgamated Motors Corp., Alhambra, Cal.
American Motor Truck Co., Newark, O.
American Motor Vehicle Co. (Gasoline & Electric), Lafayette, Ind.
*American Motors Corp., 100 Broad, New York
*†Ames Motor Car Co., Owensboro, Ky.
*Anderson Carriage Mfg. Co., Anderson, Ind.
*†Anderson Electric Car Co. (Electric), Milwaukee Junction, Detroit, Mich.
*Anderson Motor Co. (Gasoline), Rock Hill, S. C.
†Andover Motor Vehicle Co. (Electric), Andover, Mass.
*Anger Engineering Co., 303 16th, Milwaukee, Wis.
*Apperson Bros. Automobile Co., Kokomo, Ind.
*Arbenz Car Co., Chillicothe, O.
*†Argo Motor Co., Jackson, Mich.
†Armleder O. Co., 12th & Plum, Cincinnati, O.
†Atlantic Electric Vehicle Co. (Electric), 893 Freylinghuysen av, Newark, N. J.
†Atterbury Motor Car Co. (Gasoline & Electric), Buffalo, N. Y.
*Auburn Automobile Co., Auburn, Ind.
†Auglaize Motor Car Co., New Bremen, O.
†Austin Automobile Co., Grand Rapids, Mich.
†Autocar Co., Ardmore, Pa.
†Available Truck Co., 1539 N Kilpatrick, Chicago, Ill.
*†Baker-Bell Motor Co., 665 N Broad, Phila., Pa.
Baker R. & T. Co., Lake av N. W, Cleveland, O.
*†Baker R. & L. Co. (Electric), ft W 80th, Cleveland, O.
†Barker C. L., Norwalk, Conn.
*Barley Motor Car Co. (Hearse and Ambulance Chassis), Streator, Ill.
*†Bartholomew Co., Peoria, Ill.
†Bauer Machine Works Co., Kansas City, Mo.
*†Beardsley Electric Co., Los Angeles, Cal.
*Beaver State Motor Co., Gresham, Ore.
†Beck & Son, Cedar Rapids, Ia.
†Beech Creek Truck & Auto Co., Beech Creek, Pa.
*†Bell Motor Car Co., York, Pa.
†Bessemer Motor Truck Co., Grove City, Pa.
†Bethlehem Motors Corp., Allentown, Pa.
*Biddle Motor Car Co. (Gasoline), Germantown, Sedgley & Allegheny avs, Philadelphia, Pa.
*Birch Motor Cars Co., Michigan av, Chicago, Ill.
†Blair Motor Truck Co. (Gasoline & Gas & Electric), Newark, O.
†Bour-Davis Motor Car Co., 253 Woodbridge, Detroit, Mich.
†Bourne Magnetic Truck Co., 17th & Sedgeley av, Phila., Pa.
†Bowling Green Motor Truck Co., Bowling Green, O.
Bowman Sidney B. Auto Co. (Imp), 225 W 49th, New York
Brewster & Co., Queensboro Bridge Plaza, Long Island City, N. Y.
†Brinton Motor Truck Co., 5740 Cherry, Phila., Pa.
*Briscoe Motor Corp., Jackson, Mich
†Brockway Motor Truck Co., Cortland, N. Y.
*†Buckeye Mfg. Co., Anderson, Ind.
*Buick Motor Co. (Dept General Motors Co.), Flint, Mich.
*Burg L. Carriage Co., Dallas City, Ill.
§Burrows Cyclecar Co., Ripley, N. Y.
Bush Motor Co., Bush Temple, Chicago, Ill.
†Cadillac Auto Truck Co, Cadillac, Mich.
*Cadillac Motor Car Co., 1343 Cass av, Detroit, Mich.
Candler Radiator Co., 1084 Jefferson E, Detroit, Mich.
†Carroll Motor Car Co., Strasburg, Pa.
*Case J. I. Threshing Mach. Co., Racine, Wis.
†Casey F. A. Co., Billerica, Mass.
*Century Mfg. Co. (Electric), 1199 Woodward av, Detroit, Mich.
*Chadwick Engineering Works, Pottstown, Pa.
*Campbell Motor Car Co., Kingston, N. Y.
†Champion Motors Co., Fulton, N. Y.
†Champion Wagon Co., Owego, N. Y.
*Chandler Motor Car Co., E 131st st & St. Clair av, Cleveland, O.
†Chase Motor Truck Co., Syracuse, N. Y.
†Chester County Motor Co., Coatesville, Pa.
*Chevrolet Motor Co., Flint, Mich.
CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill.
See adv index at end of book
Clyde Cars Co., 42 Whitehall, New York
§Coey Motor Co., 2010 S Wabash av, Chicago, Ill.
*Colburn Automobile Co., Denver, Colo.
*Cole Motor Car Co., 730 E Washington, Indianapolis, Ind.
†Collier Motor Truck Co., Painesville, O.
§Collings Carriage Co., Camden, N. J.
†Columbia Motor Truck & Trailer Co., Pontiac, Mich.
*Comet Automobile Co., Decatur, Ill.
†Commerce Motor Car Co., Penobscot bldg, Detroit, Mich.
Commercial Cars, Ltd. (Imported), 40 Convent av, New York
†Commercial Truck Co. of America, 5320 St. Clair, Phila., Pa.
†Commonwealth Motors Co., 326 W Madison av, Chicago, Ill.
†Connersville Buggy Co. (Electric), Connersville, Ind.
†Continental Motor Truck Co. (Gasoline Motor), Fisher bldg, Chicago, Ill.
†Continental Truck Mfg. Co., Superior, Wis.
†Corbitt Automobile Co., Henderson, N. C.
†Corliss Motor Truck Co., Corliss, Wis.
*†Cortland Cart & Carriage Co. (Gasoline), Sidney, N. Y.
†Couple Gear Freight Wheel Co. (Gasoline & Electric), Grand Rapids, Mich.
†Crane & Breed Mfg. Co. (for undertakers), 1227 W 8th, Cincinnati, O.
*†Crawford Automobile Co., Hagerstown, Md.
†Croce Auto Co., Asbury Park, N. J.
*†Crow-Elkhart Motor Co., Elkhart, Ind.
†Crowther Motor Co. (Gasoline), 27th & Diamond, Rochester, N. Y.
*Culver Mfg. Co., Culver City, Cal.
†Cunningham Jas. Son & Co. (Ambulances, Hearses, etc), Rochester, N. Y.
†Dain Mfg. Co., Ottumwa, Ia.
*Daniels Motor Car Co. (Gasoline), Reading, Pa.
†Danielson Engine Works, 339 E 39th, Chicago, Ill.
†Dart Motor Truck Mfg. Co., Waterloo, Ia.
*Davis Geo. W. Motor Car Co., Richmond, Ind.
†Day-Elder Motors Co., 161 Ogden, Newark, N. J.
†Dayton Motor Truck Co., Dayton, O.
De Dion-Bouton Auto Co. (Importers), 110 W 54th, New York
†De Kalb Mfg. Co., Auburn, Ind.
†De Kalb Wagon Co., De Kalb, Ill.

†Denby Motor Truck Co., Holbrook av, Detroit, Mich.
†Denneen Motor Co. (Gasoline), Cleveland, O.
*De Tamble Motors Co., Anderson, Ind.
†Detroit Commercial Car Co. (Gasoline), Pontiac, Mich.
†Detroit-Wyandotte Motor Truck Co., Wyandotte, Mich.
†Detroiter Motor Car Co., Stanley and Vermont avs, Detroit, Mich.
*†Diamond T Motor Car Co., 432 W Superior, Chicago, Ill.
*†Dispatch Motor Car Co. (Gasoline), 1200 av S, E, Minneapolis, Minn.
†Dixie Motor Car Co., 3rd and K, Louisville, Ky.
†Doane Motor Truck Co., 425 4th, San Francisco, Cal.
Doble Abner Co. (Steam), Waltham, Mass.
Doble-Detroit Steam Motors Co., Detroit, Mich.
*Dodge Bros., Jos. Campau av, Detroit, Mich.
*†Dorris Motor Car Co., 4100 Laclede av, St. Louis, Mo.
Dort Motor Car Co., Flint, Mich.
†Double Drive Truck Co., W Kinzie, Chicago, Ill.
*Douglas Motors Corp., Omaha, Neb.
*Drexel Motor Car Corp., 76th & Wallace, Chicago, Ill.
*Drummond Motor Co. (Gasoline), Omaha, Neb.
Dudley Tool Co., Menominee, Mich.
*Dunn Walter E., Ogdensburg, N. Y.
†Duplex Truck Co., Lansing Mich.
†Durable Dayton Truck Co., Dayton, O.
†Durable Motor Truck Co., Hammond, Ind.
*Eagle-Macomber Motor Car Co., Sandusky, O.
*Easton Machine Co., South Easton, Mass.
*Economy Motor Co., Tiffin, O.
†Eldridge Mfg. Co. (Electric), 140 Stuart, Boston, Mass.
†Electromobile Motor Car Co., Boatmens Bank bldg, St. Louis, Mo.
*Elgin Motor Car Corp., McCormick bldg, Chicago, Ill.
*Elkhart Carriage & Motor Car Co., Elkhart, Ind.
†Elmira Commercial Motor Car Co., Owego, N. Y.
*Empire Automobile Co., S W cor Capitol & Michigan, Indianapolis, Ind.
*Enger Motor Car Co., Cincinnati, O.
†Erie Motor Truck Co., Erie, Pa.
*Erwin Motor & Machine Co., 31st & Dauphin, Phila., Pa.
†Eubank Elec. Transmission Co., Portland, Ore.
*†F. & S. Motors Co., 219 Becher, Milwaukee, Wis.
†Famous Mfg. Co., East Chicago, Ind.
†Famous Trucks Inc., St. Joseph, Mich.
†Fargo Motor Car Co., 164 W 22d, Chicago, Ill.
†Federal Motor Truck Co., Leavitt & Campbell av, Detroit, Mich.
*†Ford Motor Co., Detroit, Mich.
†Forschler Motor Truck Mfg. Co., New Orleans, La.
*†Four Wheel Drive Auto Co., Clintonville, Wis.
*Franklin Automobile Co. (Runabout, Touring Cars, etc.), 101 Marcellus, Syracuse, N. Y.
§Frazier W. S. & Co., Aurora, Ill.
*†Fritchle Automobile & Battery Co. (Electric), Denver, Colo.
†Front Drive Motor Co., 16th & Willow av, Hoboken, N. J.
Frontenac Motor Co., 1547 Gd. River av, Detroit, Mich.
†Fulton Motor Truck Co., Farmingdale, L. I.
*†Gabriel W. H. Carriage & Wagon Co., 315 Prospect av N W, Cleveland, O.
†Galion Dynamic Motor Truck Co., Galion O.
†Garford Motor Truck Co., Lima, Ohio
†Gary Motor Truck Co., Gary, Ind.
†*Gem Motor Car Co., Grand Rapids, Mich.
*General Engineering Co. (Steam), Marquette bldg, Detroit, Mich.
†General Motors Truck Co. (Gasoline & Electric), Pontiac, Mich.
†General Vehicle Co. (Electric & Gasoline), Long Island City, N. Y.
†Geneva Wagon Co., Geneva, N. Y.
†Gersin Mfg. Co., Seattle, Wash.
*Ghent Motor Co. (Gasoline), 20 E Jackson blvd, Chicago, Ill.
Gillette Motors Co., Mishawaka, Ind.
†Globe Motor Truck Co., Brady av, E St. Louis, Ill.
†Golden West Motors Co., Sacramento, Cal.
*Grant Motor Car Co., Findlay, O.
†Greene Mfg. Co., Cobleskill, N. Y.
*Grinnell Electric Car Co. (Electric), 16 Atwater, Detroit, Mich.
*Hackett Motor Car Co., Jackson, Mich.
†Hahn Motor Truck & Wagon Co., Hamburg, Pa.
*Hal Motor Mfg. Co., E 72d, Cleveland, O.
*Hall Scott Motor Car Co., Crocker bldg, San Francisco, Cal.
*Halladay Motor Car Co., Mansfield, O.
*Hamilton Motor Car Co., York, Pa.
†Hannibal Wagon Co., Hannibal, Mo.
†Harder Auto Truck Co., 149 W 62d, Chicago, Ill.
Harley-Davidson Motor Co. (Parcel Deliveries), 160 Clinton, Milwaukee, Wis.
†Harrison Robt. Co., 330 W 1st, S Boston, Mass.
†Harroun Motors Corp., Wayne, Mich.
*Harvard-Pioneer Motor Car Corp., Troy, N. Y.
†Harvey Motor Truck Works, Harvey, Ill.
†Hawkeye Mfg. & Repair Co., Sioux City, Ia.
*Haynes Automobile Co., Kokomo, Ind.
†Henderson Bros., No Cambridge, Mass.
†Hendrickson Motor Truck Co., 3538 S Wabash av, Chicago, Ill.
†Hewitt-Ludlow Auto Co., 901 Indiana, San Francisco, Cal.
Hewitt Motor Co. (Commercial Cars, Dept. International Motor Co.), 252 W 64th, New York
†Highgrade Motor Co., Harbor Springs, Mich.
†Hoagland Thayer, (Electric), Newark, N. J.
†Hoffman Motor Truck Co., Minneapolis, Minn.
Holmes Automobile Co., Canton, O.
†Hoover Wagon Co., York, Pa.
*Howard A. Co., Galion, O.
Hubbell-Oakes Motor Co. (Trucks), Atlanta, Ga.
*Hudson Motor Car Co. 2901 Jefferson av, Detroit, Mich.
*†Hupp Motor Car Co., Milwaukee & Mt Elliott avs, Detroit, Mich.
*Hupp-Yeats Electric Car Co., Lycaste & Detroit Ter., Detroit, Mich.
†Hurlburt Motor Truck Co., 2421 3rd, New York
†Huselton Automobile Co., Butler, Pa.
†Ideal Auto Co., Fort Wayne, Ind.
†Independent Motors Corp., Port Huron, Mich.
Independent Motor Co., Youngstown, O.
†Indiana Truck Co., Marion, Ind.
†International Motor Co., 252 W 64th, New York
*Interstate Motor Co., Muncie, Ind.
*Jackson Automobile Co., Jackson, Mich.
*Jones Motor Car Co., Wichita, Kans.
*Jordan Motor Car Co., 1070 E 152d, Cleveland, O.
*†Kearns Motor Truck Co., Beavertown, Pa.
†Kelly-Springfield Motor Truck Co., Springfield, O.
†Kentucky Wagon Mfg. Co. (Electric), Louisville, Ky.
*Kimball C. P. & Co., 3900 S Michigan av, Chicago, Ill.
†King A. R. Mfg. Co., Kingston, N. Y.
*King Motor Car Co., Jefferson & Concord av, Detroit, Mich.
*†Kissel Motor Car Co., Hartford, Wis.
†Kleiber & Co., 1426 Folsom, San Francisco, Cal.
*†Kline Car Corp'n, Richmond, Va.
Kluykens G. J. (Import), 112 W 42d, New York
†Koehler H. J., S. G. Co., 154 Ogden, Newark, N. J.
†Koenig & Luhrs Wagon Co., Quincy, Ill.
†Kopp Motor Truck Co., Buffalo, N. Y.
†Kosmath Co., 1506 Fort, Detroit, Mich.
†Krebs Commercial Car Co., Clyde, O.
†Krickwell Motor Co., 1373 E 55th, Chicago, Ill.
†La Crosse Motor Truck Co., La Crosse, Wis.
†Landshaft Wm. & Sons, 2900 Darwin tr, Chicago, Ill.
†Lane Motor Truck Co., Kalamazoo, Mich.
†Lange Motor Truck Co., 145 S St. Claire, Pittsburgh, Pa.
†Lansden Co. (Electric), 2211 Nostrand av, Brooklyn, N. Y.
†Larrabee-Deyo Motor Truck Co. (Gasoline), Binghamton, N. Y.
†Laughlin-Homer Engineers Corp., 2652 Long Beach av, Los Angeles, Cal.
*Laurel Motor Car Co., Richmond, Ind.
*Lenox Motor Car Co., 18 Columbus av, Boston, Mass.
†Lewis-Hall Iron Works (Gasoline), Ferry av. and G. T. Ry, Detroit, Mich.
*Lewis Spring & Axle Co., Chelsea, Mich.
*Lexington-Howard Co., Connersville, Ind.
†Liberty Motor Car Co., Ft. Lycaste av, Detroit, Mich.
†Lincoln Motor Truck Co., Holden av & Lincoln, Detroit, Mich.
†Lippard-Stewart Motor Car Co., Buffalo, N. Y.
*†Locomobile Co. of America, Bridgeport, Conn.
†Longest Bros. Co., Louisville, Ky.
†Los Angeles Creamery Auto & Machine Co. (Electric), 1020 Towne av, Los Angeles, Cal.
†Loyal Motor Truck Co., Lancaster, O.
*†Lozier Motor Co., Mack & Belt Line, Detroit Mich.
*†Luverne Auto Co., Luverne, Minn.
*McFarlan Motor Co., Connersville, Ind.
†Maccar Truck Co., Scranton, Pa.
†Madison Motors Corp., Anderson, Ind.
*Maibohm Motor Co., Racine, Wis.
*Maine Machine Wks., 701 N Main, Los Angeles, Cal.
†Mais Motor Truck Co., Indianapolis, Ind.
†Martin Carriage Works, York, Pa.
†Mather S. W. Auto Co., Cleveland, O.
†Maxim Munitions Corp., 120 B'way, New York
*Maxwell Motor Co., Woodward & Warren, Detroit, Mich.
†Menominee Motor Truck Co., Menominee, Mich.
*Mercer Automobile Co., Trenton, N. J.
†Mercury Mfg. Co., 4110 S Halsted, Chicago, Ill.
†Meteor Motor Car Co., Piqua, Ohio
Michigan Hearse & Motor Co. (Funeral Cars, Ambulances, Hearses, etc.), 1500 Union av, S E, Grand Rapids, Mich.
*Mier Carriage & Buggy Co., Ligonier, Ind.
*Milburn Wagon Co. (Electric), Toledo, O.
*Militaire Motor Vehicle Co. of Am., Kensington av, Buffalo, N. Y.
†Mills-Ellsworth Co., Keokuk, Ia.
*Milwaukee Auto Engine & Supply Co. (To order only), 708 Vinnebago, Milwaukee, Wis.
Minerva Motor Car Co. (Importers), 1896 B'way, New York
*Mitchell Motors Co., Inc., Racine, Wis.
†Mogul Motor Truck Co., 4125 Forest Park boul, St. Louis, Mo.
*Moline Automobile Co., East Moline, Ill.
†Monarch Light Truck Co., Milwaukee, Wis.
*§Monroe Motor Co., Flint, Mich.
Monitor Motor Car Co., Columbus, O.
†Moon Jos. W. Buggy Co., Main & Douglas, St. Louis, Mo.
*Moon Motor Car Co., 4402 Main, St. Louis, Mo.
*Moore Motor Vehicle Co., 1st av & 5th, N E, Minneapolis, Minn.
†Mora Power Wagon Co., 5320 St. Clair av, Cleveland, O.
†Moreland Motor Truck Co., Los Angeles, Cal.
†Morton Truck & Tractor Co., Harrisburg, Pa.
*Moyer H. A., Syracuse. N. Y.
*Murray Motor Car Co. (Gasoline), 3724 Grant boulevard, Pittsburgh, Pa.
*Mutual Motors Co., Jackson, Mich.
*Nash Motors Co., The, Kenosha, Wis.
*National Motor Car & Vehicle Corp. (Electric & Gasoline), 1004 E 22nd, Indianapolis, Ind.
†Nelson & Le Moon, 849 N Kedzie, Chicago, Ill.
†Nelson Motor Truck Co., Saginaw. Mich.
*†Neville Thomas & Co., Oshkosh. Wis.
†New England Truck Co., Fitchburg, Mass.
New Haven Carriage Co., New Haven, Conn.
†New Haven Truck & Auto Works, New Haven, Conn.
New York Motor Works Co., Nutley, N. J.
†Noble Motor Truck Co., Kendalville, Ind.
*Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
†Norwalk Motor Car Co., Martinsburg, W. Va.
*Oakland Motor Car Co. (Dept. General Motors Co.), Pontiac, Mich.
*Ogren Motor Car Co, 39 S La Salle, Chicago, Ill
*Ohio Electric Car Co. (Electric), Toledo, O.
†Old Reliable Motor Truck Co., 3921 S Michigan av, Chicago, Ill.

AUTOMOBILE BUILDERS—continued
*Olds Motor Works (Dept. General Motors Co.), Lansing, Mich.
*Olympian Motors Co., Pontiac, Mich.
†Oneida Motor Truck Co., Green Bay, Wis.
Otto Albert T. & Sons (Import), 1876 B'way, New York
†Pacific Metal Products Co., Torrance, Cal.
*†Packard Motor Car Co., Boulevard & Belt Line, Detroit, Mich.
†Packett Motor Car Mfg. Co., 2743 Lyndale av S, Minneapolis, Minn.
*Paige-Detroit Motor Car Co., McKinstry & Fort, Detroit, Mich.
†Palmer-Meyer Motor Car Co., 5027 McKissock av, St. Louis, Mo.
*Pan American Motors Corp., Decatur, Ill.
†Panhard Motors Co., Grand Haven, Mich.
Paterson W A Co, Flint, Mich
*Pathfinder Co, Indianapolis, Ind
*†Peerless Motor Car Co, Quincy av & E 93d, Cleveland, O.
*†Pennsy Motors Co (Gasoline), Penn av, nr Allegheny av, N S, Pittsburgh, Pa.
*Petrel Motor Car Co., 1st & Oklahoma av, Milwaukee, Wis.
Peugeot Auto Import Co., 1800 B'way, New York
*Phianna Motors Co., Central av, Newark, N. J.
*†Pierce-Arrow Motor Car Co., 1695 Elmwood av, Buffalo, N. Y.
†Piggins Motor Truck Co., Racine, Wis.
*Pilot Motor Car Co., Richmond, Ind.
†Pittsburg Machine Tool Co., Braddock, Pa.
*Porter, Finley Robertson Co. (Gasoline), Port Jefferson Station, Long Island, N. Y.
*Premier Motor Corp., 20th & Olney, Indianapolis, Ind.
§Princess Motor Car Co., 348 Clay av, Detroit, Mich.
*†Pullman Motor Car Co., York, Pa.
†Rainer Motor Corp., Flushing, N. Y.
*R. C. H. Corp., Lycaste av, Detroit, Mich.
*Reeves Sexton Auto Co., Columbus, Ind.
†Regal Motor Car Co., Beaubien & Trombley, Detroit, Mich.
†Reliance Motor Truck Co., Appleton, Wis.
†Remington Motor Co., 9 Cent. Park, W, New York
Renault Selling Branch (Importers), 719 5th av, New York
*Revere Motor Cars Corp., Logansport, Ind.
*Reo Motor Car Co., Lansing, Mich.
†Republic Motor Truck Co., Alma, Mich.
*Richard Auto Mfg. Co., Engineers bldg, Cleveland, O.
†Robinson Motor Truck Co. 2d av N & 7th, Minneapolis, Minn.
*Ross Automobile Co., Jefferson & McDougall avs, Detroit, Mich.
†Rowe Motor Mfg. Co. (Motor Trucks), East Downington, Pa.
†Royal Motor Truck Co. of N. Y., 112 8th av, New York
†Rush Motor Truck Co., 1014 N Front, Philadelphia, Pa.
*Saginaw Motor Car Co., Saginaw, Mich.
†Sandow Motor Truck Co., 1714 Michigan av, Chicago, Ill.
†Sanford Motor Truck Co., Syracuse, N. Y.
†Saxon Motor Car Co., 1305 Bellevue av, Detroit, Mich.
†Sayers & Scovill Co., Gest, Cincinnati, O.
*†Schacht G. A. Motor Truck Co., Gest & Evans, Cincinnati, O.
*†Schildwachter Automobile Co., 1887 Park av, New York.
†Schleicher Motor Vehicle Co., 37 W 14th, New York
*Schoeneck Co., Harvey, Chicago, Ill.
†Schoepflin L. G. Co., 80 W Mohawk, Buffalo, N. Y.
§Scripps Booth Corp., Beaufait & Gratiot avs, Detroit, Mich.
*Sebring Motor Car Co., Sebring O.
†Selden Motor Vehicle Co., Rochester, N. Y.
*Seneca Motor Co., Fostoria, O.
†Service Motor Truck Co., Wabash, Ind.
†Sheffield Car Co., Three Rivers, Mich.
†Sheridan Commercial Car Co., Harvey, Ill.
†Siebert F. L., Toledo, O.
†Signal Motor Truck Co., 672 Commonwealth, Detroit, Mich.
*Simplex Automobile Corp., 60 B'way, New York
*Singer Motor Co., 1790 Broadway, New York
*Smith A. O. Co., (& Juvenile Cars, 1½ H. P.), 27th & Keefe av, Milwaukee, Wis.
†South Bend Motor Car Works, South Bend, Ind.
*Spaulding Mfg. Co., Grinnell, Ia.
*Spoerer's Carl Sons Co., 909 S Carey, Baltimore, Md.
†Spokane Auto Mfg. Co., Spokane, Wash.
*Stafford Motor Car Co., Kansas City, Mo.
†Standard Motor Truck Co., 1842 Euclid av, Cleveland, O.
†Standard Motor Truck Co., 496 Bellevue av, Detroit, Mich.
†Standard Steel Car Co., A. V. R. R., Verona, Pittsburgh, Pa
*†Stanley Motor Carriage Co. (steam), Newton, Mass.
†Star Carriage Co., Seattle, Wash.
*States Motor Car Mfg. Co., Kalamazoo, Mich.
*†Stearns F. B. Co., Euclid av & Lakeview rd, Cleveland, O.
†Steele W. M., Worcester, Mass.
†Stegeman Motor Car Co., 606 Linus, Milwaukee, Wis.
§Stephens James S., 7329 Bond av, Chicago, Ill.
†Sternberg Motor Truck Co., Milwaukee, Wis.
*Stephens Motor Br. of Moline Plow Co., Freeport, Ill.
†Sterling Motor Truck Co., West Allis, Wis.
†Stewart Iron Works Co., 17th & Madison, Cincinnati, O.
†Stewart Motor Corp., Buffalo, N. Y.
*†Studebaker Corp., Brush & Piquette, Detroit, Mich.
*Stutz Motor Car Co., N W cor Capitol av & 10th, Indianapolis, Ind.
†Sullivan Motor Truck Corp., 1703 East av, Rochester, N. Y.
*Sun Motor Car Co., Elkhart, Ind.
†Superior Motor Truck Co., Atlanta, Ga.
†Tegetmeier & Riepe Co., 771 1st av, New York
*Templar Motors Corp., Lakewood, Cleveland, O.
Thomas E. R. Motor Car Co., Buffalo, N. Y.
†Tiffin Wagon Co., Tiffin, O.
†Titan Truck Co., 25th, Milwaukee, Wis.
†Tower Motor Truck Co., Greenville, Mich.
†Trabold Truck Mfg. Co., Johnstown, Pa.
*Traverse City Motor Co., Traverse City, Mich.
†Triagle Motor Truck Co., St. Johns, Mich.
†Triumph Motor Car Co., 3308 Sheffield av, Chicago, Ill.
*Trumbull Motor Car Co., Bridgeport, Conn.
†Twin City Four Wheel Drive Co., University, St. Paul, Mich.
†Union Motor Truck Co., Bay City & Pelham, Mich.
†United Motors Co., 675 North N W, Grand Rapids, Mich.
*†U. S. Carriage Co., 319 S 4th, Columbus, O.
†U. S. Motor Truck Co., Covington, Ky.
†U. S. Truck Co., Birmingham, Ala.
†Universal Service Co., Grand River & Stanton avs, Detroit, Mich.
§Valley Boat Co., Saginaw, Mich.
†Veerac Co., Anoka, Minn.
*Velie Motors Corp., Moline, Ill.
†Viall Motor Car Co. (Gasoline), 21 E 111th, Chicago, Ill.
†Vim Motor Truck Co., Market & 23d, Philadelphia, Pa.
†Voltz Bros., 840 S Halsted, Chicago, Ill.
†Walker Vehicle Co. (electric), 533 W 39th, Chicago, Ill.
†Walter Motor Truck Co., 49 W 66th, New York
†Ward Motor Vehicle Co. (Electric), Mount Vernon, N. Y.
†Warren Motor Truck Co., Warren, O.
*†Waverly Co., 139 S East, Indianapolis, Ind.
*Wayne Works, Inc., Richmond, Ind.
†West Coast Wagon Co., Tacoma, Wash.
*Westcott Motor Car Co., Richmond, Ind.
†Western Automobile Co., Seattle, Wash.
White Co. (Gasoline), 79th & St. Clair, Cleveland, O.
*†Wichita Automobile Co., Wichita, Kan.
†Wichita Falls Motor Co., Wichita Falls, Tex.
†Wilcox H. E. Motor Co., 1030 N E Marshall, Minneapolis, Minn.
†Willet Engine & Truck Co., 6 Lock, Buffalo, N. Y.
*†Willys-Overland Co., Toledo. O.
†Wilson J. C. Co., 15th & Warren, Detroit Mich.
†Winther Motor Truck Co., Kenosha, Wis.
*Winton Co., Berea rd, Cleveland, O.
†Witt-Will Co., Washington, D. C.
†Wolverine Automobile Co., Toledo, Ohio
§Woods Mobilette Co., 2007 S Michigan av, Chicago, Ill.
*Woods Motor Vehicle Co. (Electric), 2500 Cottage Grove av, Chicago. Ill.
†Zeitler & Lamson Truck Co., 4644 W Madison, Chicago, Ill.

322—Automobile or Motor Car Trade Names

Each name is followed by the title (in some cases in an abbreviated form) of the firm making or handling car. For the full name, address and variety of product of each firm see the preceding list of Automobile Builders.
Names of Foreign Cars are followed by the word "Imported"
"ABBOTT-DETROIT—Abbott Corp.
"ACASON"—Acason Motor Truck Co.
"ACME"—Acme Motor Truck Co.
"ACME"—Acme Wagon Wks
"ACME"—Cadillac Auto Truck Co.
"ADAMS"—Adams Truck Foundry & Machine Co.
"ALLEN"—Allen Motor Co.
"ALTER"—Alter Motor Car Co.
"AMERICAN SIX" — American Motors Corp.
"AMES"—Ames M. C. Co.
"ANDERSON"—Anderson Carriage Mfg. Co.
"ANDERSON-SIX"—Anderson Motor Co.
"ANDOVER"—Andover M. V. Co.
"APPERSON"—Apperson Bros. Automobile Co.
"ARBENZ"—Arbenz Car Co.
"ARGOMOTORVIQUE"—Argo Motor Co.
"ARMLEDER"—Armleder O. Co.
"ATLANTIC"—Atlantic Electric Vehicle Co.
"ATLAS"—Martin Carriage Works
"ATTERBURY"—Atterbury M. C. Co.
"AUBURN"—Auburn Automoble O. Co.
"AUGLAIZE"—Auglaize M. C. Co.
"AUSTIN"—Austin Automoble Co.
"AUTOCAR"—Autocar Co.
"AVAILABLE"—Available T. Co.
"B. G. O."—Bowling Green M. Truck Co.
"BABY GRAND"—Chevrolet Motor Co.
"BAKER"—Baker R. & L. Co.
"BARKER"—Barker C. L.
"BAUER"—Bauer Machine Works Co.
"BEARDSLEY"—Beardsley Electric Co.
"BEAVER"—Beaver State Motor Co.
"BECK"—Beck & Son
"BEECH CREEK"—Beech Creek Truck & Auto Co.
"BELL"—Bell Motor Car Co.
"BESSEMER"—B. M. T. Co .
"BEST"—Dort Motor Car Co.
"BIDDLE"—Biddle Motor Car Co.
"BIMEL"—Bimel Automobile Co.
"BLAIR"—Blair Motor Truck Co.
"BOUR-DAVIS"—Bour-Davis Motor Car Co.
"BOURNE"—Bourne Magnetic Truck Co.
"BRINTON"—Brinton Motor Truck Co.
"BRISCOE"—Briscoe Motor Corp.
"BROCKWAY"—Brockway, M. T. Co.
"BUCKEYE"—Buckeye Mfg. Co.
"BUICK"—Buick M. Co.
"BURG"—Burg L. Carriage Co.
"BURROWS"—Burrows Cycle Car Co.
"BUTLER"—Huselton Auto Co.
"C. G. V." (Imported)—Ducasse F.
"C. T."—Commercial T. Co. of America
"CADILLAC"—Cadillac Motor Car Co.
"CAMPBELL FOUR" — Campbell Motor Car Co.
"CASE"—Case J. I. Threshing Machine Co.
"CASS"—Independent Motors Corp.
"CENTURY"—Century Mfg. Co.
"CHADWICK"—Chadwick Engineering Works
"CHALMERS"—Maxwell Motor Co.
"CHAMPION"—Champion Wagon Co.
"CHANDLER"—Chandler M. C. Co.
"CHASE"—Chase Motor T. Co.
"CHEVROLET"—Chevrolet M. Co.
"CLYDE"—Clyde Cars Co.
"COEY,, JR."—Coey Motor Co.
"COLBURN"—Colburn Auto Co.
"COLE"—Cole M. C. Co.
"COLLIER"—Collier Motor Truck Co.
"COLUMBIA"—Columbia Motor Truck & Trailer Co.
"COMMER"—Commercial Cars, Ltd.
"COMMERCE"—Commerce M. C. Co.
"CONNERSVILLE"—Connersville Buggy Co.
"CONTINENTAL" — Continental Motor Truck Co.

"CONTINENTAL" — Continental Truck Mfg. Co.
"CORBITT"—Corbitt Auto Co.
"CORLISS"—Corliss Motor Truck Co.
"COUPLE GEAR"—Couple Gear Freight Wheel Co.
"CRANE & BREED"—Crane & Breed Mfg. Co.
"CRAWFORD"—Crawford Automobile Co.
"CROCE"—Croce Auto Co.
"CROW-ELKHART" — Crow-Elkhart M. Co.
"CROWTHER"—Crowther Motor Co.
"CULVER"—Culver Mfg. Co.
"CUNNINGHAM"—Cunningham Jas. Son & Co.
"CURTIS"—Pittsburgh Machine Tool Co.
"D. B."—Dodge Bros.
"D-E"—Day-Elder Motors Co.
"DANIELS EIGHT"—Daniels Motor Car Co.
"DANIELSON"—Danielson Engine Works
"DARRACO" (Imported) — Kluyskens, G. J.
"DART"—Dart Motor Truck Mfg. Co.
"DAVIS"—Davis G. W. M. C. Co.
"DE DION-BOUTON" (Imported)—De Dion-Bouton Auto Co.
"DE KALB"—De Kalb Mfg. Co.
"DEKALB"—De Kalb Wagon Co.
"DENBY"—Denby Motor Truck Co.
"DENMO"—Denneen Motor Co.
"DE TAMBLE"—De Tamble Motors Co.
"DETROIT COMMERCIAL" — Detroit Commercial Car Co.
"DETROIT ELECTRIC"—Anderson Electric Car Co.
"DETROITER"—Detroiter Motor Car Co.
"DIAMOND T"—Diamond T. M. C. Co.
"DISPATCH"—Dispatch Motor Car Co.
"DIXIE"—Dixie Motor Car Co.
"DOANE"—Doane Motor Truck Co.
"DOBLE"—Doble Abner Co.
"DOBLE - DETROIT"—Doble - Detroit Steam Motors Co.
"DODGE"—Dodge Bros.
"DORRIS"—Dorris Motor Car Co.
"DORT"—Dort Motor Car Co.
"DREADNOUGHT MOLINE" — Moline Auto Co.
"DREXEL"—Drexel Motor Car Corp.
"DRUMMOND"—Drummond Motor Co.
"DUDLEY BUG"—Dudley Tool Co.
"DUNN CAR"—Dunn Walter E.
"DUNTLEY"—Chicago Pneumatic Tool Co.
"DUPLEX 4 WHEEL DRIVE"—Duplex Truck Co.
"DURABLE DAYTON"—Durable Dayton Truck Co.
"DURO"—Amalgamated Motors Corp.
"DYNAMIC"—Gallion Dynamic M. T. Co.
"E. M. F."—Studebaker Corp'n
"EAGLE"—Eagle-Macomber Motor Car Co.
"ECONOMY"—Economy Motor Co.
"ELCAR"—Elkhart Carriage & Motor Car Co.
"ELECTROMOBILE" — Electromobile Motor Car Co.
"ELDRIDGE"—Eldridge Mfg. Co.
"ELGIN SIX"—Elgin Motor Car Corp.
"ELMIRA"—Elmira Commercial Motor Car Co.
"EMPIRE"—Empire Automobile Co.
"ENGER"—Enger M. C. Co.
"ERIE"—Erie Motor Truck Co.
"ERWIN"—Erwin Motor & Machine Co.
"EWBANK"—Ewbank Elec. Transmission Co.
"F. R. P."—Porter, Finley, Robertson Co.
"F. & S."—F. & S. Motors Co.
"FARGO"—Fargo M. C. Co.
"FEDERAL"—Federal M. T. Co.
"FLINT"—Dort Motor Car Co.
"FORD"—Ford Motor Co.
"FORSCHLER"—Forschler Motor Truck Mfg. Co.
"FOUR WHEEL DRIVE"—Four Wheel Drive Auto Co.
"FRANKLIN"—Franklin Automobile Co.
"FRITCHLE"—Fritchle Automobile & Battery Co.
"FRONTENAC"—Frontenac Motor Co.
"G. M. C."—General M. T. Co.
"G. V."—General Vehicle Co.
"G. V. MERCEDES"—General Vehicle Co., Inc.
"GABRIEL"—W. H. Gabriel Carriage & Wagon Co.
"GARFORD"—Garford Motor Car Co.
"GARY"—Gary Motor Truck Co.
"GENEVA"—Geneva Wagon Co.
"GERSIX"—Gersix Mfg. Co.
"GHENT"—Ghent Motor Co.
"GILLETTE"—Gillette Motors Co.
"GLIDE"—Bartholomew Co.
Co.
"GOLDEN WEST"—Golden West Motors
"GRAMM"—Gramm-Bernstein Co.
"GRANT SIX"—Grant M. Car Co.
"GREAT CHADWICK"—Chadwick Engineering Works
"GREAT EAGLE"—U. S. Carriage Co.
"GRINNELL"—Grinnell E. C. Co.
"HAHN"—Hahn M. T & W. Co.
"HAL"—Hal Motor Mfg. Co.
"HALL"—Lewis-Hall Iron Works
"HANNIBAL"—Hannibal Wagon Co.
"HARDER"—Harder A. T. Co.
"HARLEY DAVIDSON"—Harley Davidson Motor Co.
"HARRISON"—Harrison R. Co.
"HARVARD" — Harvard-Pioneer Motor Car Corp.
"HARVEY"—Harvey M. T. Works
"HATFIELD"—Cortland Cart & Carriage Co.
"HAWKEYE"—Hawkeye Mfg. & Repair Co.
"HAYNES"—Haynes Automobile Co.
"HENDERSON"—Henderson Bros.
"HENDRICKSON" — Hendrickson Motor Truck Co.
"HERFF BROOKS"—Wayne Works
"HEWITT"—International Motor Co.
"HEWITT-LUDLOW"—H. L. Auto Co.
"HOAGLAND THAYER" — Hoagland Thayer
"HOFFMAN"—Hoffman M. T. Co.
"HOLMES"—Holmes Automobile Co.
"HOOVER"—Hoover Wagon Co.
"HORNER" — Detroit-Wyandotte Motor Truck Co.
"HOWARD"—Howard A. Co.
"HUDSON"—Hudson Motor Car Co.
"HUPMOBILE"—Hupp Motor Car Co.
"HUPP-YEATS" — Hupp-Yeats Electric Car Co.
"HURLBURT"—Hurlburt Motor Truck Co.
"IANCO"—International Aerial Navigation Co.
"IDEAL"—Ideal Auto Co.
"INDEPENDENT" — Independent Motors Corp.
"INDIANA"—Indiana Truck Co.
"INTERNATIONAL"—International Harvester Co.
"INTERSTATE"—Interstate Motor Co.
"ISOTTA-FRASCHINI"—Isotta Fraschini Motor Co.
"JACKSON"—Jackson Automobile Co.
"JEFFERY"—Nash Motors Co., The
"JONES"—Jones Motor Car Co.
"JORDAN"—Jordan Motor Car Co.
"JUMBO"—Nelson Motor Truck Co.
"KEARNS"—Kearns M. T. Co.
"KELLY"—Kelly-Springfield M. T. Co.
"KENT"—Kent Motors Corp.
"KIMBALL"—Kimball C. P. & Co.
"KING"—King A. R. Mfg. Co.
"KING"—King M. C. Co.
"KISSEL KAR"—Kissel M. C. Co.
"KLEIBER"—Kleiber & Co.
"KLINE KAR"—Kline Car Corpn'n
"KNICKERBOCKER"—Knickerbocker M. T. Mfg. Co.
"KOEHLER"—Koehler H. J., S. G. Co.
"KOPP"—Kopp Motor Truck Co.
"KOSMATH"—Kosmath Co.
"KREBS"—Krebs Com. Car Co.
"KRICKWELL"—Krickwell M. Co.
"LAMBERT"—Buckeye Mfg. Co.
"LANDSHAFT"—Landshaft Wm. & Sons
"LANE"—Lane Motor Truck Co.
"LANGE"—Lange M. T. Co.
"LARRABEE"—Larrabee-Deyo Motor Truck Co.
"LAUGHLIN" — Laughlin-Homer Engineers Corp.
"LAUREL 35"—Laurel Motor Car Co.
"LE MOON"—Nelson & Le Moon
"LENOX"—Lenox M. C. Co.
"LEXINGTON"—Lexington-Howard Co.
"LIBERTY"—Liberty Motor Car Co.
"LIGHT CAR"—Monroe Motor Co.
"LIPPARD-STEWART"—Lippard-Stewart M. C. Co.
"LITTLE GIANT" — Chicago Pneumatic Tool Co.
"LITTLE PRINCESS" — Princess Motor Car Co.
"LOCOMOBILE"—Locomobile Co. of Am.
"LONGEST"—Longest Bros. Co.
"LOZIER"—Lozier M. Co.
"LUVERNE"—Luverne Auto Co.
"M. H. C."—Michigan Hearse & Motor Co.
"McFARLAN"—McFarlan Motor Co.
"MACCAR"—Maccar Truck Co.
"MACK"—International Motor Co.
"MACKBILT"—Metropolitan Motors, Inc.
"MADISON"—Madison Motors Corp.
"MAIBOHM"—Maibohm Motor Co.
"MAIS"—Mais M. T. Co.
"MAJESTIC"—Milwaukee Auto E. & S. Co.
"MARION"—Mutual Motors Co.
"MARMON"—Nordyke & Marmon Co.
"MARTIN"—Martin Carriage Works
"MATHER"—Mather S. W. Auto Co.
"MAXWELL"—Maxwell Motor Co.
"MENOMINEE"—Menominee Motor Truck Co.
"MERCER"—Mercer Auto Co.
"MERCURY"—Mercury Mfg. Co.
"METEOR"—Meteor Motor Car Co.
"MIER"—Mier Carriage & Buggy Co.
"MILBURN"—Milburn Wagon Co.
"MINERVA" — (Imported)—Minerva Motor Car Co.
"MITCHELL"—Mitchell Motors Co., Inc.
"MOBILETTE"—Woods Mobilette Co.
"MODERN"—Bowling Green M. T. Co.
"MOELLER"—New Haven T. & A. Works
"MOGUL"—Mogul M. T. Co.
"MOLINE KNIGHT"—Moline Automobile Co.
"MONARCH"—Monarch Light Truck Co.
"MONROE"—Monroe Motor Co.
"MOON"—Moon Jos. W. Buggy Co.
"MOON"—Moon Motor Car Co.
"MOORE"—Moore Motor Vehicle Co.
"MOORE"—Pacific Metal Products Co.
"MORA"—Mora P. W. Co.
"MORELAND"—Moreland M. T. Co.
"MORSE"—Easton Machine Co.
"MORTON"—Morton Truck & Tractor Co.
"MOYER"—Moyer H. A.
"MURRAY CAR"—Murray Motor Car Co.
"NAPOLEON"—Traverse City Motor Co.
"NASH"—Nash Motors Co., The
"NATIONAL"—National M. C. & M. V. Corp.
"NETCO"—New England Truck Co.
"NEVILLE"—Neville T. & Co.
"NEWARK"—Blair Motor Truck Co.
"NEW YORK"—Tegetmeier & Riepe Co.
"NORWALK"—Norwalk M. C. Co.
"OAKLAND"—Oakland Motor Car Co.
"OHIO"—Ohio Electric Car Co.
"OLD HICKORY"—Kentucky Wagon Mfg. Co.
"OLD RELIABLE"—Old Reliable M. T. Co.
"OLDSMOBILE"—Olds Motor Works
"OVERLAND"—Willys-Overland Co.
"PACKARD"—Packard Motor Car Co.
"PACKET"—Scripps-Booth Corp.
"PAIGE"—Paige-Detroit M. C. Co.
"PALMER"—Commonwealth Motors Co.
"PALMER"—Palmer-Meyer M. C. Co.
"PARTIN"—Commonwealth Motors Co.
"PATERSON"—Paterson W. A. Co.
"PATHFINDER"—Pathfinder Co.
"PEERLESS"—Peerless M. C. Co.
"PENNSY"—Pennsy Motors Co.
"PETREL"—Petrel Motor Car Co.
"PIERCE ARROW"—Pierce Arrow Motor Car Co.
"PIGGINS"—Piggins Motor Truck Co.
"PILOT"—Pilot M. C. Co.
"PREMIER"—Premier Motor Corp.
"PRINCESS"—Princess Motor Car Co.
"PULLMAN"—Pullman Motor Car Co.
"R. C. H."—R. C. H. Corp.
"REGAL"—Regal Motor Car Co.
"REMINGTON"—Remington M. Co.
"RENAULT"—(Imported)—Renault Selling Branch
"REO"—Reo Motor Car Co.
"REPUBLIC"—Republic M. Truck Co.
"RICHARD"—Richard Auto Mfg. Co.
"RICHMOND"—Wayne Works
"RIKER" (Capacity 1½ to 5 tons)—Locomobile Co. of America.
"ROAMER & HALLADAY"—Barley Motor Car Co.
"ROBINSON"—Robinson M. T. Co.
"ROCKET"—Scripps-Booth Corp.
"ROSS"—Ross Automobile Co.
"ROWE"—Rowe Motor Mfg. Co.
"ROYAL"—Royal M. T. Co.
"ROYAL MAIL"—Chevrolet Motor Co.
"RUSH"—Rush Motor Truck Co.
"SAGINAW"—Valley Boat Motor Co.
"SANDOW"—Sandow Motor Truck Co.
"SANFORD"—Sanford M. T. Co.
"SAURER"—International Motor Co.
"SAXON"—Saxon Motor Car Co.
"SAYRE & SCOVILL—Sayers & Scovill Co.
"SCHACHT"—Schacht G. A. M. T. Co.
"SCHILDWACHTER"—Schildwachter Auto Co.
"SCHLEICHER"—Schleicher M. V. Co.
"SEBRING"—Sebring M. C. Co.
"SELDEN"—Selden Motor Vehicle Co.
"SERVICE"—Service M. T. Co.
"SHERIDAN"—Sheridan Commercial Car Co.

AUTOMOBILE OR MOTOR CAR TRADE NAMES—continued
"SIEBERT"—Siebert F. L.
"SIGNAL"—Signal M. T. Co.
"SIMPLEX"—Simplex Automobile Corp.
"SINGER"—Singer Motor Co.
"SMITH MILWAUKEE"—Smith A. O. Co.
"SMITH MOTOR WHEEL"—Smith A. O. Co.
"SOUTH BEND"—South Bend Motor Car Works
"SPAULDING"—Spaulding Mfg. Co.
"SPOERER"—Spoerer's C. Sons Co.
"SPRITE"—Frazier W. S. & Co.
"STAFFORD"—Stafford M. C. Co.
"STANDARD"—Standard Steel Car Co
"STANLEY"—Stanley M. C. Co.
"STATES"—States Motor Car Mfg. Co.
"STEARNS"—Stearns F. B. Co.
"STECO"—Stephens James S.
"STEELE"—Steele W. M.
"STEGEMAN"—Stegeman M. C. Co.
"STEPHENS"—Stephens Motor Br. of Moline Plow Co.
"STERLING"—Sterling Motor Truck Co.
"STERNBERG"—Sternberg Motor Truck Co.
"STEWART"—Stewart M. Corp.
"STUDEBAKER"—Studebaker Corp'n
"STUTZ"—Stutz M. C. Co.
"SULLIVAN"—Sullivan M. T. Corp.
"SUN"—Sun Motor Car Co.
"SUNLIGHT SIX"—Sun Motor Car Co.
"SUPERIOR"—Superior Motor Truck Co.
"THOMAS"—Thomas Auto Truck Co.
"THOMAS"—Thomas E. R. Motor Car Co.
"TIFFIN"—Tiffin Wagon Co.
"TOWER"—Tower Motor Truck Co.
"TRABOLD"—Trabold Truck Mfg. Co.
"TRIUMPH"—Triumph M. C. Co.
"TROJAN"—Commercial Truck Co.
"UNION"—Union Motor Truck Co.
"UNITED"—United Motors Co.
"U. S."—United States M. T. Co.
"UNIVERSAL"—Universal Service Co.
"URBAN"—Kentucky Wagon Mfg. Co.
"VEERAC"—Veerac Co.
"VELIE"—Velie Motors Corp.
"VIALL"—Viall Motor Car Co.
"VIM"—Vim Motor Truck Co.
"VOLTZ"—Voltz Bros.
"WACO"—Western Automobile Co.
"WALKER BALANCE DRIVE"—Walker Vehicle Co.
"WALTER"—Walter M. T. Co.
"WARD"—Ward M. V. Co.
"WARREN"—Warren Motor Truck Co.
"WAVERLY"—Waverly Co.
"WESTCOTT"—Westcott M. C. Co.
"WEST COAST"—West Coast Wagon Co.
"WESTERN"—Western Automobile Co.
"WHITE"—White Co.
"WICHITA"—Wichita Falls M. Co.
"WILCOX"—Wilcox H. E. Motor Car Co.
"WILLET"—Willet Engine & Truck Co.
"WILSON"—Wilson J. C. Co.
"WINTON"—Winton Co.
"WITT-WILL"—Witt-Will Co.
"WOLVERINE"—Wolverine Automobile Co.
"WOODS"—Woods M. V. Co.
"WOODS MOBILETTE"—Woods Mobilette Co.
"YALE"—Saginaw Motor Car Co.
"ZEITLER & LAMSON"—Zeitler & Lamson Truck Co.

323-4-5—*Automobile Electrical Equipment

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
WESTINGHOUSE ELEC. & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Automobile Hampers

See Baskets, Hampers & Touring Cases, Automobile

326—Automobile Oil Retainers

Bossert Corp. (The) (Valve Spring), Utica, N. Y. *See adv index at end of book*
Paddock Cork Co., 1209 De Kalb av, Brooklyn, N. Y.

327—*Automobile Parts (Hardened & Ground)

DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book

328—*Automobile Parts & Fittings

See also the Special Article Required
AMERICAN DIE & TOOL CO., Reading, Pa. *See adv index at end of book*
Baker Gun & Forging Co., Batavia, N. Y.
BOSSERT CORPORATION, THE (Pressed to Order), Utica, N. Y.
See adv index at end of book
Bloom Auto Specialty Co., Tiffin, O.
DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book
FOXBORO COMPANY, THE, succeeding Industrial Instrument Co. ("Foxboro" Automobile Gauges), Foxboro, Mass. *See adv index at end of book*
LUNKENHEIMER CO. (Lubricators & Fittings). Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
National Gauge & Equipment Co., La Crosse, Wis.
Peters Machine & Mfg. Co., 7320 Madison av, Cleveland, O.
Pfau Mfg. Co. (Woodwork), Mentor & Huston, Norwood, Cincinnati, O.
Standard Equipment Co., Lorain av & W 106th, Cleveland, O.
STANDARD STEEL TUBE CO., Toledo, O. *See adv index at end of book*
Welsmore Mfg. Co. Inc., 45 E Fort, Detroit, Mich.
Wheel B. Top & Hardware Co., 1102 Sycamore, Cincinnati, O.
Williams J. H. & Co. (Forgings), 31 Richards, B'klyn, N. Y.
See adv index at end of book
Willys-Morrow Co. Inc., Elmira, N. Y.
Worcester Stamped Metal Co., 9 Hunt, Worcester, Mass.

328a—*Automobile Phones

MICROPHO-DETECTOR CO. INC ("Micropho"), 26 Cortlandt, New York

Automobile Sheet Metal Forms

See Stamping, Automobile

329-30—*Automobile Steering Links

Cincinnati Ball Crank Co., North Oakley, Cincinnati, O.
DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book

331—*Automobile Tank & Muffler Parts

GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis.
See adv index at end of book
National Gauge & Equipment Co., La Crosse, Wis.

332—*Automobile Tanks & Mufflers

See also Mufflers, Automobiles; also Tanks
GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis.
See adv index at end of book
SCAIFE WM. B. & SONS CO., First Nat'l Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

332a—*Automobile Upholstery (Top, Curtain & Trimming Materials)

DU PONT FABRIKOID CO. (Leather Type Motor Fabrikoid, "Rayntile" Fabrikoid, Fairfield Rubber Top Material), Wilmington, Del.
For branch offices see adv index at end of book

333—Automobiles (Juvenile)

Carolina Metal Co., Shelby, N. C.
Smith A. O. Co. (1½ Horse Power), 27th & Keefe av, Milwaukee, Wis.

334—Automotoneers

Electric Service Supplies Co. ("Garton & Daniels," For Street Railway Controllers), 17th & Cambria, Phila., Pa.

334a—*Auto Specialties

Dahlstrom Metallic Door Co., 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book

334b—*Auto Tool

Williams J. H. Co. ("Vulcan" Drop Forged), 31 Richards, B'klyn, N. Y.
See adv index at end of book

335—Awls (Belt)

Braunsdorf-Mueller Co., Elizabeth, N. J.
Greene, Tweed & Co. ("Lathrop's"), 109 Duane, New York
Kraeuter & Co., 583 18th av, Newark, N. J.
Manufacturers' Belt Hook Co. ("L-X", "Lothrop"), 1321 W. Congress, Chicago, Ill.
Mixter J. W. Saw Tool Co., Plymouth, Mass.
Mound Tool Co., 1203 S 7th, St. Louis, Mo.
Osborne C. S. & Co., Harrison, N. J.
Stanley Rule & Level Co. ("Hurwood"), New Britain, Conn.
Stortz Jno. & Son, 210 Vine, Phila., Pa.
Swan James Co., Seymour, Conn.
Tuck Mfg. Co., Brockton, Mass.

336-7—Awls (Brad)

Braunsdorf-Mueller Co., Elizabeth, N. J.
Cincinnati Tool Co. ("Hargrave"), Norwood, Cincinnati, O.
See adv index at end of book
Holt G. L. Co., Hartford, Conn.
Mayhew H. H. Co., Shelburne Falls, Mass.

338—Awls (Harness, Etc.)

Peg Sewing, etc.
Buck Bros., Millbury, Mass.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Dikeman Mfg. Co., Norwalk, Conn.
Lawton & Bushman ("Summers"), Burlington, Wis.
Mayhew H. H. Co., Shelburne Falls, Mass.
Millers Falls Co., 28 Warren, New York
Myers C. A. Awl Co. ("Wonderful" Sewing), 6316 University av, Chicago, Ill.
Osborne C. S. & Co., Harrison, N. J.
Richard Stephen Co. (Peg Hafts), Southbridge, Mass.
Sargent & Co. (Peg), New Haven, Conn.
Stanley Rule & Level Co. ("Hurwood"), New Britain, Conn.
Stewart-Skinner Co. ("Speedy Stitcher"), Worcester, Mass.
Thornton John Jr. ("John Nichol's" Imp), 108 Worth, New York
Tuck Mfg. Co., Brockton, Mass.

Awls (Ice)

See Picks, Ice

339—Awls (Lime Hook)

Emrich Phil, 824 Main, Cincinnati, O.

340—Awls (Scratch)

Arcade Mfg. Co. (Wood Handle & "Serpentine"), Freeport, Ill.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Browne & Dowd Mfg. Co., Meriden, Conn.
Buck Bros. Millbury, Mass.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Bullock Mfg. Associates, Springfield, Mass.
Cronk & Carrier Mfg. Co. ("Elmore"), Elmira, N. Y.
Goodell-Pratt Co., Greenfield, Mass.
Jennings C. E. & Co. (Socket), 71 Murray, New York
Mayhew H. H. Co, Shelburne Falls, Mass.
Peck, Stow & Wilcox Co., Southington, Conn.
Robinson M. W. Co. ("Robinson"), 203 37th, Brooklyn, N. Y.
S. & I. Co., Springfield, Mass.
Sargent & Co., New Haven, Conn.
SMITH & HEMENWAY CO. INC. ("Red Devil"), 261 B'way, New York, & 130 Coit, Irvington, N. J.
See adv index at end of book
Stanley Rule & Level Co. ("Hurwood"), New Britain, Conn.
Stortz Jno. & Son, 210 Vine, Phila., Pa.
Tuck Mfg. Co., Brockton, Mass.

341—Awning Fixtures

Roe Justus & Sons ("Roe's" Roller), **Patchogue, N. Y.**
Wilcox, Crittenden & Co. ("Keystone" Swivel Eye Blocks), Middletown, Conn.

342— Awning Fixtures (Blind)

Parker Wire Goods Co., Worcester, Mass.
Wire Goods Co. ("North"), Worcester, Mass.

343— Awning Stripes

ATLANTA TENT & AWNING CO., Atlanta, Ga.
Barrell Wm. L. Co. 8 Thomas, New York
Columbian Mfg. Co., Greenville, N. H.
Falls Co., Norwich, Conn.
Gary James S. & Son, Equitable bldg, Baltimore, Md.
Glen Raven Cotton Mills, Burlington, N. C.
Hettrick Mfg. Co., Toledo, O.
Kneedler & Co., Eadom & Kennedy, Phila., Pa.
Mt. Vernon-Woodberry Mills, Coot bldg, Baltimore, Md.
Otis Co., Ware, Mass.
Texas Cotton Mill Co., McKinney, Tex.
Thorndike Co., Thorndike, Mass.
Warren Mfg. Co., Warren, Md.
Whitaker Wm. & Sons, Cedar Grove, Phila., Pa.
White Bros., Winchendon Springs, Mass.

344—Awnings (Cast Iron & Steel)

Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book

345-6—Awnings (Corrugated Steel)

See also Cornices & Skylights
Canton Metal Ceiling Co., Canton, O.
Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
Decatur Cornice & Roofing Co., New Decatur, Ala.
East Birminghom Iron Roofing Co., Birmingham, Ala.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Eller Mfg. Co., Canton, O.
Gara-McGinley Co., 23 S 17th, Phila., Pa.
Garry Iron & Steel Mfg. Co. of N. Y., 529 W. 23rd, N. Y. City
Globe Iron Roofing & Corrugating Co., Newport, Ky.
Harry O. K. Steel Co., 2333 Papin, St. Louis, Mo.
Harry O. K. Steel Works, Dallas, Tex.
Hyndman Roofing Co., 318 E 2d, Cincinnati, O.
Illinois Art Metal Co., Springfield, Ill.
International Steel & Iron Co., Evansville, Ind.
Martin Metal Mfg. Co., Wichita, Kans.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Mesker Geo. L. & Co., Evansville, Ind.
Milwaukee Corrugating Co., Milwaukee, Wis.
New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La.
Newport Rolling Mill Co., Newport, Ky.
Penn Metal Ceiling & Roofing Co. Ltd., 23d & Hamilton, Phila., Pa.
Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
Republic Structural Iron Works Co., 1350 E 53rd, Cleveland, O.
St. Louis Wire & Iron Co., 926 Chouteau av, St. Louis, Mo.
St. Paul Roofing, Cornice & Ornament Co., West St. Paul, Minn.
Smith, F. P., Wire & Iron Works, 2340-48 Clybourn av, Chicgo, Ill.
See adv index at end of book
Souther E. E. Iron Co., Kienlin & Hamburger, St. Louis, Mo.
Stoneman M. G. & Son, Albany, N. Y.
Sykes Co., 930 W 19th pl, Chicago, Ill.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Corrugated Sheets Only), Wheeling, W. Va.

Awnings & Tents

See Tents, Contractors

347— Axe Mfrs.

American Axe & Tool Co., Glassport, Pa.
Black John B. Co. ("Wm. Beatty & Sons"), Chester, Pa.
Bradley G. W. Axe & Tool Mfg. Co. (Ship-Carpenters' Chopping, Dock, Turpentine, Steel Poll, Bitted & Double Bitted Axes), Newburgh, N. Y.
C. A. C. Axe Co., Holbrook, Mass.
Colclesser Bros., El Dorado, Pa.
Collins Co., Collinsville, Conn.
Damon Bros., Carmel, Me.
Dunn Edge Tool Co. ("Clipper," "Black Champion," "Aroostookaxe," "Victory," "Peerless," "Eaton" Patent Process, etc), Oakland, Me.
Emerson & Stevens Mfg. Co., Oakland, Me.
Evansville Tool Works, Evansville, Ind.
French H. P. Co. Inc., 320 B'way, New York *See adv index at end of book*
Hammond C. & Son, Ogontz, Pa.
Kelley B. & Co., Belfast, Me.
Kelly Axe Mfg. Co., Charleston, W. Va.
King John, Oakland, Me.
Louisville Axe & Tool Co., Highland Park, Ky.
McKinnon Rockaway Axe Co., Rockaway, N. J.
Mack Axe Co., Beaver Falls, Pa.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Mann Edge Tool Co., Lewistown, Pa.
Mann Jas. H. Co., Lewistown, Pa.
Marble Safety Axe Co., Gladstone, Mich.
North Wayne Tool Co. (Hand-made), Hallowell, Me.
Peavey Mfg. Co. ("Peavey" Chopping, Stamp Pole, Hunting, Last Block & Splitting, etc), Bangor, Me.
Peck, Stow &. Wilcox Co., Southington, Conn.
Plumb Fayette R. (Inc.), ("Anchor"), Tucker & James, Fkd, Phila., Pa.
Reading Saddle & Mfg. Co., Reading, Pa.
Rixford Mfg. Co., East Highgate, Vt.
Romer Axe Co. ("Romer"), Dunkirk, N. Y.
Rubinow Edge Tool Works, 35 Vesey, Newark, N. J.
Warren Axe & Tool Co. ("Sager"), Warren, Pa.
Weston Thos. B., 708 Light, Baltimore, Md.
What Cheer Tool Co. ("What Cheer"), What Cheer, Ia.
White G. Axe Co., Honesdale, Pa.
Witham G. S. & Son, Caratunk, Me.

348— Axes (Boys')

American Axe & Tool Co. ("Blood's Champion," "Usona," "Red Warrior," "Hurd," "Americanax," "Niagara," "Red Ridge," "Hubbard"), Glassport, Pa.
Evansville Tool Works, Evansville, Ind.
Mack Axe Co., Beaver Falls, Pa.
Mann Edge Tool Co. ("Diamond," "Red Top"), Lewistown, Pa.
Plumb Fayette R. (Inc.), ("Anchor"), Tucker & James, Phila., Pa.
Romer Axe Co. ("Faultless," "Lake City," "Romer," "Uncle Sam"), Dunkirk, N. Y.
Rubinow Edge Tool Works ("Empire," Republic"), 35 Vesey, Newark, N. J.

349— Axes (Broad)

American Axe & Tool Co. ("Champion," "Diamond A," "Peerless," "Red Warrior," "Underhill," "Hurd," "Hunt"), Glassport, Pa.
Black John B. Co. ("Wm. Beatty & Sons"), Chester, Pa.
Bradley G. W. Axe & Tool Mfg. Co., Newburgh, N. Y.
Collins Co., Collinsville, Conn.
Evansville Tool Works, Evansville, Ind.
Kelly Axe Mfg. Co., Charleston, W. Va.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Mann Edge Tool Co., Lewistown, Pa.
Peavey Mfg. Co., Bangor, Me.
Plumb Fayette R. (Inc.), ("Anchor"), Tucker & James, Phila., Pa.
Romer Axe Co. ("Romer"), Dunkirk, N. Y.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

350— Axes (Firemen's)

American Axe & Tool Co. ("Hurd," "Blair," "Lippincott," "Underhill"), Glassport, Pa.
Black Jno. B. Co. ("Wm. Beatty & Sons"), Chester, Pa.
Bradley G. W. Axe & Tool Mfg. Co., Newburgh, N. Y.
Collins Co., Collinsville, Conn.
Evansville Tool Works, Evansville, Ind.
Hayward S. F. & Co., 250 W 54th, New York
Kelly Axe Mfg. Co., Charleston, W. Va.
Mack Axe Co, Beaver Falls, Pa.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Romer Axe Co. ("Romer," Handled), Dunkirk, N. Y.
Rex-Harris Fire Appliance Co., 39 E 19th, New York
Warren Axe & Tool Co. ("Sager"), Warren, Pa.

351— Axes (Hunters')

American Axe & Tool Co. ("Americanax," "Hurd," "Blood," "Duquesne," "Hunt," "Underhill," "Redridge," "H. T. Miller's"), Glassport, Pa.
C. A. C. Axe Co. ("Damascus"), Holbrook, Mass.
Collins Co., Collinsville, Conn.
Dunn Edge Tool Co., Oakland, Me.
Evansville Tool Works, Evansville, Ind.
Grey Iron Casting Co., Mt. Joy, Pa.
Mack Axe Co., Beaver Falls, Pa.
Marble Arms & Mfg. Co. ("Marble's" Handy, for Hunters, etc), Gladstone, Mich.
Peck, Stow & Wilcox Co., Southington, Conn.
Plumb Fayette R. (Inc.) ("Anchor"), Tucker & James, Phila., Pa.
Reading Saddle & Mfg. Co., Reading, Pa.
Romer Axe Co. ("Romer," Handled), Dunkirk, N. Y.
Rubinow Edge Tool Works ("Empire," "Republic"), 35 Vesey, Newark, N. J.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Williams A. C. Co. (Cast Iron Only), Ravenna, Ohio

352— Axes (Ice)

American Axe & Tool Co. ("Underhill"), Glassport, Pa.
Black John B Co. ("Wm. Beatty & Sons"), Chester, Pa.
Bradley G. W. Axe & Tool Mfg. Co., Newburgh, N. Y.
Collins Co., Collinsville, Conn.
Dernell H. F. Co., Athens, N. Y.
Evansville Tool Works, Evansville, Ind.
Gifford-Wood Co., Hudson, N. Y.
Peck, Stow & Wilcox Co., Southington, Conn.
Romer Axe Co ("Romer" Handled), Dunkirk, N. Y.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Stortz John & Son, 210 Vine, Phila., Pa.
Warren Axe & Tool Co. ("Sager"), Warren, Pa.

353— Axes (Stone)

Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.
Beall Bros., Alton, Ill.
Evansville Tool Works, Evansville, Ind.
Hauck Wm. J., 306 South West blvd, Kansas City, Mo.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.
Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.
Oliver Iron & Steel Co., S. 10th & Muriel, Pittsburgh, Pa.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Warren Tool & Forge Co. (also With Teeth), Warren, O.
Warwood Tool Co., Warwood, Wheeling, W. Va.

354-5— Axes (Tobacco)

Bicknell Mfg. & Supply Co., Janesville, Wis.

Axle Lights (Electric)

See Car Lighting Appartus

356— Axles (Automobile)

See also Axles, Carriage & Wagon; also Wheels & Axles, Ball & Roller Bearings
Adams Truck Foundry & Machine Co. (For Pleasure Cars Only), Findlay, Ohio

AXLES (Automobile)—continued
Allegheny Forging Co., 1st Natl. Bk. bldg, Pittsburgh, Pa.
American Die & Tool Co. (Rear), Reading, Pa. *See adv index at end of book*
Billings & Spencer Co., Hartford, Conn.
Columbia Axle Co., 826 E 72d, Cleveland, O.
Covert Motor Vehicle Co., Lockport, N. Y.
Detroit Axle Co., 231 16th, Detroit, Mich.
Driggs-Seabury Ordnance Co., Sharon, Pa.
Empire Axle Co. (For Motor Trucks), Dunkirk, N. Y.
Gemco Mfg. Co., 742 S Pierce, Milwaukee, Wis.
Gill P. H. & Sons, 2 Lorraine, Brooklyn, N. Y.
Higgins Spring & Axle Co., Racine, Wis.
Hussey Drop Forge & Mfg. Co., Clevel'd, O.
Liggett Spring & Axle Co., Monongahela, Pa.
Martin Rocking Fifth Wheel Co. (Floating Bearing Trailer), 21 Besse pl., Springfield, Mass.
Mechanics Machine Co. (Front & Rear), Rockford, Ill.
Mott Wheel Works, Jackson, Mich.
National Tube Co. ("Shelby" Seamless Steel Tubing), Frick bldg, Pittsburgh, Pa. *See adv index at end of book*
Ohio Forge Co. (Rough Only), Cleveland, O.
Park Drop Forge Co. (Vanadium & Other Steel), 760 E 79th, Cleveland, O.
Parry Mfg. Co., Indianapolis, Ind.
Richards Albert J., 632 W Jefferson, Louisville, Ky.
Russell Motor Axle Co., North Detroit, Mich.
Salisbury Wheel & Axles Co., Inc. (Wheels & Axles), Jamestown, N. Y.
Sheldon Axle & Spring Co. (Motor Truck), Wilkes-Barre, Pa.
Standard Parts Co. (The), Cleveland, O. *See adv index at end of book*
Timken-Detroit Axle Co., Clark av, Detroit, Mich.
Timken Roller Bearing Co. (Roller Bearing Auto Truck & Farm Tractor), Canton, O.
Torbenson Axle Co. C., 152nd, Cleveland, O.
Union Drop Forge Co., 358 W Grand av, Chicago, Ill.
Union Switch & Signal Co., Swissdale, Pa.
Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.
Warren Machine Products Co., Warren, Pa.
Western Drop Forge Co., P. O. Box 386, Marion, Ind.
Western Tool & Forge Co. (Forged), Brackenridge, Pa.
Weston-Mott Co., Flint, Mich.
Williams J. H. & Co. (Front and Rear Forgings), 31 Richards, B'klyn, N. Y. *See adv index at end of book*
Wyman-Gordon Co. (Front & Rear for Pleasure & Commercial), Worcester, Mass.

Axles (Ball or Roller Bearing)

See Wheels & Axles, Ball or Roller Bearing

357—Axles (Car & Locomotive)

See also Axles, Mine Car; also Axles, Street Car

Allegheny Forging Co., 1st National Bank bldg., Pittsburgh, Pa.
American Car & Foundry Co. (Car, Locomotive & Mine Car), Syndicate Trust bldg, St. Louis, Mo.
Atlas Car & Mfg. Co. (Car Only), Cleveland, O.
Baltimore Car-Wheel Co. (Car Only), Fulton Station, Baltimore, Md.
Bass Foundry & Machine Co. (Iron & Steel Car, Driving, etc), Fort Wayne, Ind.
Bethlehem Steel Co. (Nickel Steel, Car, Locomotive, etc), South Bethlehem, Pa.
Boston Forge Co. (Tender, Truck & Driving), E. Boston, Mass.
Bradley Osgood Car Co., Worcester, Mass.
Cambria Steel Co., Widener bldg, Phila, Pa.
Carbon Steel Co. (Nickel Steel Car, Locomotive, etc)), ft. 32d, Pittsburgh, Pa.
Carnegie Steel Co. (Car, Locomotive, etc), Carnegie bldg., Pittsburgh, Pa.
Empire Axle Co. (Rear Worm Drive for Motor Trucks), Dunkirk, N. Y.
Gould Coupler Co. (Car & Locomotive), 30 E 42nd, New York
Griffin Wheel Co., 332 S Michigan av, Chicago, Ill.
Illinois Steel Co., 208 S La Salle, Chicago, Ill.
Johnson J. R. & Co., Richmond, Va.
Jones & Laughlin Steel Co. (Cold Rolled Steel), Ross, Pittsburgh, Pa.
Keystone Axle Works, 33d & A-V R R, Pittsburgh, Pa.
Liggett Spring & Axle Co., Monongahela, Pa.
Philadelphia Steel & Forge Co., 50 Church, New York
Pittsburgh Crucible Steel Co. (Steel), Midland, Pa.
Pittsburgh Forge & Iron Co. (Locomotive, Car, etc), Chamber of Commerce bldg, Pittsburgh, Pa.
Pollak Steel Co (Car, Locomotive & Driving), Carthage, Cincinnati, O., & Hobart bldg, San Francisco, Cal.
Pressed Steel Car Co. (Electric & Steam Railway Car, Industrial & Mine), 307 5th av, Pittsburgh, Pa.
Sanford-Day Iron Works (Car), Knoxville, Tenn.
Sizer Forge Co. (Locomotive, Car, etc), 238 Larkin, Buffalo, N. Y.
Standard Forgings Co., 80 E Jackson blvd, Chicago, Ill.
Standard Steel Works Co. (Locomotive), Morris bldg, Phila., Pa.
Torbenson Axle Co. E., 152nd, Cleveland, O.
Union Iron Works (Car), Hoboken, N. J.
Willard Sons & Bell Co., 3044 98th, Chicago, Ill.

358—Axles (Carriage & Wagon)

See also Axles, Automobile

American Axle Works, 12th & Montgomery av, Phila., Pa.
Bailey S. R. & Co. (For Own Use), Amesbury, Mass.
Chicago Screw Co. (Ball Bearing), 13 N Jefferson, Chicago, Ill.
Concord Axle Co. (& Wagon, also Brown's Roller Bearing Axles), Penacook, N. H.
Drummond Mfg. Co., Louisville, Ky.
ELECTRIC WHEEL CO. (Wagon Axles Only), Station D, Quincy, Ill. *See adv index at end of book*
Gardner E. J. Axle & Machine Co., Carlisle, Pa.
Hay, Houston Axle Co., Coshocton, O.
Higgins Spring & Axle Co., Racine, Wis.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Keagy & Lear Machine Co., Coshocton, O.
Keystone Axle Works, 33d & A V R R, Pittsburgh, Pa.
Liggett Spring & Axle Co., Monongahela, Pa.
Martin Rocking Fifth Wheel Co., 21 Besse pl, Springfield, O.
Meeker Mfg. Co. (Ball Bearing), Dayton, Ohio
Mott Wheel Works, Jackson, Mich.
National Tubular Axle Co., Emigsville, Pa.
St. Louis Axle Co., La Salle W of Jefferson, St. Louis, Mo.
St. Louis Mall. Casting Co. (Mall Iron), 7701 N Conduit av, St. Louis, Mo.
Sheldon Axle & Spring Co. ("Anchor," "Dragon," "Empire," "Ton-Don," Ball Bearing), Wilkes-Barre, Pa.
Spears Axle Co., 27th & Main, Wheeling, Va.
Standard Parts Co. (The), Cleveland, O. *See adv index at end of book*
Timken Roller Bearing Co. (Roller Bearing Wagon), Canton, O.
Union Drop Forge Co., 358 W Grand av, Chicago, Ill.
Wood, Smith & Co., Chicago Heights, Ill.
Wurster F. W. & Co., 375 Kent av, Brooklyn, N. Y.

359—Axles (Children's Carriage)

Wagner E. R. Mfg. Co., North Milwaukee, Wis.

360— Axles (Mine Car)

See also Axles, Car & Locomotive; also Wheels, Mine Car

Allegheny Forging Co., 1st Nat'l Bk. bldg, Pittsburgh, Pa.
Alloy Steel Forging Co., Carnegie, Pa.
American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Atlas Car & Mfg. Co., Cleveland, O.
Driggs-Seabury Ordnance Co., Sharon, Pa.
Gustafson Mfg. Co., Chattanooga, Tenn.
Irwin Foundry & Mine Car Co., Irwin, Pa.
Pennsylvania Casting & Machine Co. (& Mine Locomotive), 501 Preble, Pittsburgh, Pa.
Pittsburgh Forge & Iron Co., Chamber of Commerce bldg., Pittsburgh, Pa.
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Sanford-Day Iron Works, Knoxville, Tenn.
Sizer Forge Co., 238 Larkin, Buffalo, N. Y.
United Iron Works Co., Kansas City, Mo.
Vulcan Iron Works, Wilkes-Barre, Pa.
Watt Mining Car Wheel Co., Barnesville, Ohio
Western Steel Car & Foundry Co., 37 W. Van Buren, Chicago, Ill.
Wilkes-Barre Iron Mfg. Co., Wilkes-Barre, Pa.

Axles (Roller Bearing)

See Wheels & Axles, Ball or Roller Bearing

361— *Axles (Steel Truck)

ELECTRIC WHEEL CO., Station D, Quincy, Ill. *See adv index at end of book*
Williams J. H. & Co. (Automobile Drop Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

362— Axles (Street Car)

See also Wheels, Street Car; also Trucks, Car, Steam & Electric

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Baltimore Car-Wheel Co., Fulton Station, Baltimore, Md.
Bass Foundry & Machine Co., Fort Wayne, Ind.
Bethlehem Steel Co., South Bethlehem, Pa.
Bradley Osgood Car Co., Worcester, Mass.
Brill J. G. Co., 62nd & Woodland av, Philadelphia, Pa.
Cambria Steel Co., Widener bldg, Phila., Pa.
Carbon Steel Co., ft of 32nd, Pittsburgh, Pa.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Eccles & Smith Co., 71 1st, San Francisco, Cal.
Griffin Wheel Co., 332 S Michigan av, Chicago, Ill.
Illinois Steel Co., 208 S La Salle, Chicago, Ill.
Pittsburgh Forge & Iron Co. (Hammered), Chamber of Commerce bldg, Pittsburgh, Pa.
St. Louis Car Co., 8000 N Broadway, St. Louis, Mo.
Sizer Forge Co., 238 Larkin, Buffalo, N. Y.
Standard Forgings Co., 80 E Jackson blvd, Chicago, Ill.
Standard Steel Works Co., Morris bldg, Phila., Pa.
Taylor Electric Truck Co., Troy, N. Y.
Union Drawn Steel Co., Beaver Falls, Pa.

362a— Axles (Tractor)

STANDARD PARTS CO., Cleveland, O. *See adv index at end of book*

363— Axles (Vanadium Steel)

American Vanadium Co., Vanadium bldg, Pittsburgh, Pa.
Williams J. H. & Co. (Drop Forged), 31 Richards, B'klyn, N. Y. *See adv index at end of book*

364—Axles & Shafts (Hollow)

Bethlehem Steel Co., South Bethlehem, Pa.
Driggs-Seabury Ordnance Co., Sharon, Pa.
Sizer Forge Co., 238 Larkin, Buffalo, N. Y.

365— Azotine

White Thos. H. & Co. (Brokers), 11 S Gay, Baltimore, Md.
Wuichet Fertilizer Co., Dayton, O.

366— Babbitt Metal

See also Bearings of Various Kinds

ALABAMA.

BIRMINGHAM—Ajax Metal Co. (of the South)

CALIFORNIA.

LOS ANGELES — Los Angeles Smelting Co., 739 N Main
SAN FRANCISCO—Atlas Brass Works, 431 Folsom
Finn Jno. Metal Works, 384 2d
Garratt W. T. & Co., 299 Fremont
Great Western Smelting & Refining Co., 75 Folsom
Pacific Metal Works, 153 1st
Selby Smelting & Lead Co., 201 1st

COLORADO.

DENVER—Bogue-Wensley Lead Co.
Slack-Horner Brass Mfg. Co.
TRINIDAD—Trinidad Foundry & Machine Works

CONNECTICUT.

BRIDGEPORT — Bridgeport Deoxidized Bronze & Metal Co.
Jacob Bros.
Sanford David C. Co.
HARTFORD—Blake Edwin J.
NEW HAVEN—Graham Jas. & Co.
UNITED SMELTING & ALUMINUM CORP. ("U. S. A. Havabar," "U. S. A. Long Life," "U. S. A. Motor," "U. S. A. Special," "U. S. A. Elm City"), 183-189 Commerce
See adv index at end of book

ILLINOIS.

AURORA—Aurora Metal Co. (Brand "R. R.")
CHICAGO—Besley Chas. H. & Co. ("Helmet"), 120 North Clinton. Works: Beloit, Wis.
Birkenstein S. & Sons, 377 W Ontario
Blatchford E. W. Co., 230 N Clinton
Carpenter Geo. B. & Co., 440 N. Wells
Channon H. Co. ("Onoko"), 150 N Market
Chicago Bearing Metal Co. ("Premium"), 2220 W 43d
Chicago Journal Bearing Co., 519 W Vanburen
Eagle Picker Lead Co. (The), ("Ewlco"), 208 S La Salle
Great Western Smelting & Refining Co., 4100 Wallace
ILLINOIS SMELTING & REFINING CO., 410 N Peoria
Kramer H. & Co. (In Pig), 730 S Canal
MERCHANT & EVANS CO. (of Philadelphia, Pa.), 347 Sheldon
See adv index at end of book
Monarch Metal Co., 119 S Lincoln
Murphy Metal Co., 327 S La Salle, Chicago, Ill.
Paragon Metal Co., 3050 S Ashland av
Raymond Lead Co. (Aluminum Copper, etc), 735 S Washtenaw av
Ryerson Jos. T. & Son ("Glyco," Bearing Metal & Skeleton Bearing Construction), 2558 W 16th
See adv index at end of book
Staplin & Smith (High Speed Copper & Aluminum Nickel), 359 W Austin
West Side Metal Refining Co., 1447 S Sangamon

INDIANA.

EAST CHICAGO—U. S. Reduction Co. ("Advance")
INDIANAPOLIS—Zenite Metal Co.
MISHAWAKA—Dodge Sales & Engineering Co.

KANSAS.

KANSAS CITY—Badger Gas & Gasoline Engine Co.

KENTUCKY.

LOUISVILLE—Belknap Hdw. & Mfg. Co.

LOUISIANA.

NEW ORLEANS—New Orleans Roofing & Metal Co., Cortez & Orleans

MARYLAND.

BALTIMORE—Farrell Edward P., 1414 Philpot
Schultz A. G. & Co. ("Eureka"), 114 E Lombard
Maryland Brass & Metal Works), Guilford & Federal
Merchant & Evans Co. (of Phila., Pa.), 232 St. Paul
See adv index at end of book

MASSACHUSETTS.

BOSTON—Blaney Cyril C., 16 Kingston
Chadwick-Boston Lead Co., 162 Congress
Eastern Metal & Refining Co., 121 Beverly
Herrick Co., 49 Broad
Richards & Co., ("Richards"), 192 Beverly
Star Refining Co., 116 W First
FITCHBURG—Hardy William A. & Sons Co. ("S. S." Metal), 113 Water
Welch E. J. & Co.
LAWRENCE—Gallison F. L.
WALTHAM—Waltham Foundry Co.

MICHIGAN.

DETROIT—Bostwick Jas. M. C., 372 Abbott
Hewitt Sales Co., 1325 12th, Detroit, Mich.
Jacobson I. M. & Sons Co. ("Motex"), 70 Catherine
Magnus Co.

MICHIGAN SMELTING & REFINING CO.

(Tungsten Copoloy Bearing Metal), 1695 Jos. Campau

Mogul Metal Co. ("Mogul"), 161 Larned W.
Muzzy-Lyon Co., Ltd., 161 Larned av
Wing J. T. & Co., 19 Woodward av
GRAND RAPIDS—Hayden J. M. Co. ("Globe")
KALAMAZOO—New Era Mfg. Co. ("New Era" White Bronze)
LAURIUM—Lake Superior Brass Foundry Co. ("C. & H.")

MINNESOTA.

DULUTH—Duluth Brass Works Co. (Round & Hexagon Stick Brass & Specialty)
ST. PAUL—Northwestern Shot & Lead Works, 90 Fairfield av W

MISSOURI.

KANSAS CITY—MERCHANT & EVANS CO. (of Phila., Pa.), 2008 Baltimore av
See adv index at end of book
Rogers Metal Works
ST. LOUIS—Eureka Brass Co., 601 Red Bud av
Gilbert A. & Sons Brass Foundry Co. ("C" Nickel, "I" Anti-Friction), 4019 Forest Park blk
Hiertz Theo. Metal Co. ("Nonpariel"), Alaska & Tesson
Hoyt Metal Co., Boatmen's Bank bldg
More-Jones Brass & Metal Co. ("Hoo-Hoo," "Universal," "Motor," "Crescent," "Rex," "Regent"), Broadway & Dock
Rumsey L. M. Mfg. Co., 810 N 2d
Zelnicker Walter A. Supply Co., 325 Locust

NEW JERSEY.

BELLEVILLE—Eastwood Wire Mfg. Co. ("Perfection")
Canfield M. C. Sons Co., 93 Wilsey, Newark, N. J.
GLEN RIDGE—Benson H. K. & F. S. ("B. & M.")
HARRISON—Allan A. & Son ("Allan" Red Anti-Friction Metal), 6th & Bergen
HOBOKEN—Lehman Bros.
JERSEY CITY—Brady Brass Co. ("Cyprus"), 170 14th
Williams E. A. & Son, 109 Plymouth
NEWARK — Union Smelting & Refining Co. Inc., St. Charles
See adv index at end of book

UNION SMELTING AND REFINING CO., INC.

RIVERSIDE—Riverside Metal Co.

NEW YORK.

BUFFALO—**LUMEN BEARING CO.**, 200 Lathrop
See adv index at end of book
Runskool Metal Co., 1095 Niagara
LOCKPORT—Electric Smelting & Aluminum Co.

NEW YORK CITY.

Borough of Brooklyn.

Continental Metal Co., 57-61 Richards, B'klyn, N. Y.
BROOKLYN—Fidelity Metal Co., 192 Diamond
Henning V. & Sons, 330 Belmont av
Kahn Bros. ("Reliable"), 785 Humboldt
Syracuse Smelting Works ("Stanley Process" & "Syracuse Brand"), 192 Diamond

Boroughs of Manhattan and Bronx.

NEW YORK—Bronze Metal Co., 30 Church
Columbia Smelting & Refining Works, 366 West
Eagle Smelting & Refining Works, 233 Broadway
Fahrig Metal Co. ("Fahrig" Anti-Friction), 34 Commerce
Fairbanks Co. ("Fairbanks"), 416 Broome
For branch houses see Alphabetical Section
London & Sack, 259 Front
Lubricating Metal Co. ("Noheet"), 2 Rector

MAGNOLIA METAL
STANDARD BABBITT OF THE WORLD

Lowest frictional coefficient; absorbs less power; wears longer; saves oil, fuel, metal cost of rebabbitting, etc.

Magnolia Metal Co.
NEW YORK CHICAGO MONTREAL

MERCHANT & EVANS CO. (of Phila., Pa.), 242 Water
See adv index at end of book
Nassau Smelting & Refining Works ("Edison" & "Monarch"), 603 W 29th
National Lead Co. ("Dutch Boy Phoenix"), 111 B'way
North American Copper Co., 52 Vanderbilt av, New York

BABBITTS

MADE RIGHT FROM NEW VIRGIN METALS
YOUR FORMULA OR OUR GUARANTEED BRANDS
"GET THE HABIT—USE U. S. A. BABBITT"

United Smelting & Aluminum Company, Inc.
General Offices, New Haven, Conn.

NEW YORK—New York—continued
Post E. L. & Co. ("Post's Zero," Motor Metal), 50 Cliff
United Lead Co., 111 B'way

Borough of Queens.

Central Smelting & Refining Co., Borden av & Hayward
LONG ISLAND CITY—Leddell Metals Co. ("Bee"), 281 Borden av
Lissberger Marks & Son ("Semper Idem," "Bestmetal,," "Everlasting," Improved Anti-Friction, "Competitor," "Star"), 281 Borden av
(End of New York City)
ROCHESTER—Atkinson Co. ("Plata," "Superior," "Genuine," "Standard" & "Gas Engine")
Coates, Bennett & Reidenbach
Rochester Lead Works
Wray Henry & Son
SYRACUSE—Empire Metal Co.

OHIO.

CINCINNATI—American Smelting & Refining Co.
Cincinnati Metal Refining Co., 1314 Dayton
Edna Brass Mfg. Co. ("Porteous,," Grafite), 525 Reading rd
National Lead Co. (of New York), 659 Freeman av
Wolff Metal Co., 1803 John
CLEVELAND—Cleveland Alloys Co. ("Prize Ribbon," "Golden Grain," "Sham-Rock," "Velvet," "Nugget," "Lucky Strike"), Elm & Superior
Metal Sales Co. ("Renown")
National Copper Refining Co., Bradley rd
National Lead Co., 637 Champlain av, N W
COLUMBUS—Ohio Metal Co. ("Betarbest"), 1137 N 4th
DAYTON—Buckeye Iron & Brass Works (High Grade)

OREGON.

PORTLAND—Multnomah Metal Wks.
Pacific Metal Works

PENNSYLVANIA.

CHESTER—Crown Smelting Co.
CONNELLSVILLE—Riverside Metal Refining Co. (Bessemer, "U. S. Standard").
Elmore, Water D., Bessemer bldg, Pittsburgh, Pa.
ERIE—Erie White Metal Co.
NEW CASTLE—Douds Frank C. & Co. (Mica)
NORTH EAST—Eureka Co. ("Eureka")
PHILADELPHIA—Ajax Metal Co. ("Ajax Mitifine," "Ajax Tinite," "Ajax Copper Hardened," "Ajax Genuine," "Ajax Armature," "Ajax Bull," "Ajax Plumbite"), 46 Richmond
Bond Chas. Co., 617 Arch
Cramp Wm. & Sons Ship & Engine Bldg. Co., Beach & Ball
Delaware Metal Refinery, Washington & 18th
Goldstein's L. Sons, Allegheny blk, Richmond
Hagstoz T. B. & Son, 709 Sansom
Lewis John T. & Bros. Co., Lafayette bldg
Lukens Thos. F. Metal Co. ("Lukens," "Viking," "Queen Bee"), 238 N 4th
McHatton Foundry Co., 1500 Washington av
MERCHANT & EVANS CO. ("Universal," "Iridium" and Silver Genuine), 2035 Washington av
See adv index at end of book
North American Smelting Co. ("Vulcan"), 9th & Thompson
Penn Smelting & Refining Works, 906 Filbert
Reeves Paul S. & Co., 1415 Catherine
Rosenthal's Joseph Sons, 190 W Berks
U. S. Smelting Works, 1615 Spring Garden
Woodfall Bros., 1105 Fairmont av
PITTSBURGH—Cadman A. W. Mfg. Co. ("Acorn" Aluminum), 2816 Smallman
Colonial Supply Co., 414 1st av

DAMASCUS BRONZE CO. ("Damascus," "Globe," "Larsons")
See adv index at end of book

BABBITT METALS

Careful study of these alloys has enabled us to make recommendations for your requirements that will give satisfaction and economy.

LARSON'S ANTI-FRICTION METAL is the most widely used general purpose babbitt in the country.

Damascus Bronze Company

N. S. Pittsburgh

Keystone Bronze Co.
Lawrenceville Bronze Co., Bessemer bldg
Murdock A. & Co., Lailor bldg
National Lead & Oil Co. (of Pa.), Commonwealth bldg
Penna Smelting Co., Benedum Trees bldg
Pittsburgh Brass Mfg. Co. ("Mansfield")
Pittsburgh Gage & Supply Co. ("Paramount," "Copper Alloy"), 30th & Liberty av
Pittsburgh Smelting & Refining Co., Elizabeth & B. & O. R. R.
Pittsburgh White Metal Co., 3116 Penn av
Vanadium Metals Co., Vanadium bldg
POTTSTOWN—Light Mfg. & F'dry Co. ("Automobile Brand")
READING—Excelsior Brass Works
SCRANTON—Everhart Brass Works

SOUTH CAROLINA.

CHARLESTON—Bailey-Lebby Co. (Special Anti-Friction)

TENNESSEE.

CHATTANOOGA—Frictionless Metal Co.

VIRGINIA.

RICHMOND—Glacier Metal Co., Hull & 22d
Smith-Courtney Co. ("Dixie Antifriction")

WASHINGTON.

SEATTLE—Finn Jno. Metal Works
TACOMA—Puget Sound Metal Works

WEST VIRGINIA.

WHEELING—Wheeling Metal & Mfg. Co.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.)

WISCONSIN.

APPLETON—Carson-Rowell & Co. (Crucible Copper Carbon Metals)
MILWAUKEE—Milwaukee Tack Co. ("Misco"), 27th & Wahl av
Progressive Metal & Refining Co., 432 Barclay
NEENAH—Neenah Brass Works

Babbitt Metal Melters

See Furnaces, Babbitt Melting

367— Back Bands (Horse)

COUCH BROS. MFG. CO. ("Boss," "A. G.," "Number Ten," "Champion," "H. & A.," "Pigtail," "Perfect," "Gurely"), Atlanta, Ga.

368— *Backs (Brush)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

368a— Backs (Calendar)

Chicago Mat Board Co., 664 Washington blvd, Chicago, Ill.
General Advertising Co. (Metal), Reading, Pa.

369-70—*Backs (Hand Mirror)

Estes E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*

371—Backs (Steel, for Brake Beams)

Davis Brake Beam Co., Johnstown, Pa.

372—*Backs (Thermometer)

Estes E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*

373—Bacteriological Apparatus

Bausch & Lomb Optical Co., Rochester, N. Y.
Castle Wilmot Co., Rochester, N. Y.
Scientific Materials Co., 717 Forbes, Pittsburgh, Pa.

374— Badges & Emblems

Ajax Badge Co., Kansas City, Mo.
Am. Badge Co. (Celluloid Metal Ribbon), 141-149 W Austin av, Chicago, Ill.
Am. Emblem Co., 333 Columbia, Utica, N. Y.
American Railway Supply Co., 134 Charles, New York
Arlington Works (The), (E. I. du Pont De Nemours Co), 21 E 40th, New York
Artistic Metal & Badge Co., New York
Badges & Buttons, 931 Brooks la, Baltimore, Md.
Bainbridge Chas. J., Syracuse, N. Y.
Bennett F. L. & Co., Rochester, N. Y.
Bernhard F. A. & Co., 275 W 23rd, New York
Blackinton V. H. & Co., Attleboro Falls, Mass.
Boston Badge Co., 294 Washington, Boston, Mass.
Braxmar C. G. Co., 10 Maiden la, New York
Brophy Chas. A., Aurora, Ill.
Brown Wm. R. Co., Providence, R. I.
Brunt Walter N., 880 Mission, San Francisco, Cal.
Childs S. D. & Co., 136 S Clark, Chicago, Ill.
Colorado Badge & Nov. Co., Denver, Colo.
De Moulin Bros. Co., Greenville, Ill.
Diehl Wm. H., Phila., Pa.
Dunn J'lry Co., 151 Church, New York
Eagle Badge & Button Co., 217 Grand, New York
Eagle Regalia Co., 115 Nassau, New York
Empire Nov. Co., 3546 S 5th av, Chicago, Ill.
Evans & Convery, 24 N 6th, Phila., Pa.
Geraghty & Co., 305-37 W Lake, Chicago, Ill.
Gibson A. C. Co., Buffalo, N. Y.
Grammes L. F. & Sons, Allentown, Pa.
Handley & Co., 50 John, New York
Hanson C. H. Co., 178 N Clark, Chicago, Ill.
Harris Benj Co., 229 Bowery, New York
Helwig Wm. & Co., Cincinnati, O.
International Register Co. ("Heeren"), 15 Throop, Chicago, Ill.
Interboro Metal & Badge Co., 40 Maiden la, New York
Irvine & Jackens, 1027 Market, San Francisco, Cal.
Johnson Arthur & Co., 45 John, New York
Jones Ed. & Co., Oakland, Cal.
Kasper Stamp & Seal Co., 821 Locust, St. Louis, Mo.
Kautz Fred C. & Co., 2633 W Lake, Chicago, Ill.
Keene, Chas. A., 180 B'way, New York
Klimpf Metal Co., 14 John, New York
Koch Gustav & Co, 71 W Rand, Chicago, Ill.

Lodge Supply Co., Omaha, Neb.
MATTHEWS JAS. H. & CO., 3942 Forbes, Pittsburgh, Pa.
Mayer Geo. J. & Co., 36 S Meridian, Indianapolis, Ind.
Moise-Klinkner Co., 369 Market San Francisco, Cal.
Mulhaupt F. Joseph, Lafayette, Ind.
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Pasquale, B. Co., Inc., 115 Post, San Francisco, Cal.
Reading Ribbon Badge Co. (Celluloid & Ribbon), Reading, Pa.
Riley-Klotz Mfg. Co. (Badges & Mountings), 17 Mulberry, Newark, N. J.
Robbins Jno. Mfg. Co., 58 Kneeland, Boston, Mass.
Schlechter Edw. H., Allentown, Pa.
Schwerdtle Stamp Co., 43 Cannon, Bridgeport, Conn.
See adv index at end of book
Sommer Badge Mfg. Co., Newark, N. J.
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.
Standard Emblem Co., 1 Madison av, New York
Steiner Engraving & Badge Co., 804 Pine, St. Louis, Mo.
Stoll Robt., 12 John, New York
Union Emblem Co., Palmyra, Pa.
Ward-Stilson Co., Anderson, Ind.
Western Badge & Button Co., Los Angeles, Cal.
Western Badge & Nov. Co., St. Paul, Minn.
Whitehead & Hoag Co., 272 Sussex av, Newark, N. J.
Wilcox W. W. Co., 1735 Armitage av, Chicago, Ill.
Woodman R. Mfg. & Supply Co., 82 Sudbury, Boston, Mass.

374a—*Bag, Trunk & Suitcase Material

DU PONT FABRIKOID CO. (Leather Type, Craftsman Fabrikoid for High Grade Luggage), Wilmington, Del.

375— Bags (Air Tube)

Empire Tire & Rubber Corp., East Trenton, N. J.

376— Bags (Bat & Uniform)

Spalding A. G. & Bros., 126 Nassau, New York
Stall & Dean Mfg. Co., Brockton, Mass.

377— Bags (Bill Posters')

Excelsior Bag & Mfg. Co., Troy, N. Y.

377a— *Bags (Bowling Ball)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

378— Bags (Canvas)

Aronoff Joseph J., 241 S Warren, Trenton, N. J.
STANLEY, WM. W. (Waterproof, also in heavy canvas for shipping & samples, also specialties made to order), 50 Church, New York

378a— Bags (Carbon)

Adams Bag Co., 1900 Euclid av, Cleveland, O.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Milwaukee Bag Co., 206 S Water, Milwaukee, Wis.

379— Bags (Carryall)

Draper Maynard Co., Plymouth, N. H.

380—Bags (Cement, Plaster, Etc.)

ADAMS BAG CO. (Paper), 1900 Euclid av, Cleveland, & Chagrin Falls, O.
Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.
Chatfield & Woods Co. (Paper), 3d & Plum, Cincinnati, O.
Cleveland-Akron Bag Co. ("Saxolin" Paper), Cleveland, O.
Continental Paper Bag Co. (Paper), 17 Battery pl, New York
Fulton Bag & Cotton Mills, Atlanta, Ga.
George & Sherrard Paper Co. (Paper), Wellsburg, W. Va.
Jaite Company (Paper), Boston, O.
Milwaukee Bag Co. (Paper), 206 S Water, Milwaukee, Wis.
Phillips Thos. Co. (Paper), Akron, O.
Royal Mills (Cloth, Cement), Charleston, S. C.
Taggart Bros. Co., Watertown, N. Y.
Tarentum Paper Mills (Paper), 2d Natl. Bk. bldg, Pittsburgh, Pa.
UNION PAPER & TWINE CO., 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
Urschel-Bates Valve Bag Co. (Paper), 3431 Summit av, Toledo, O.
West Jersey Paper Mfg. Co. ("Wethrprufe" Paper), Camden, N. J.

381— Bags (Clothes Pin)

Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.
Bridgeport Wire Goods Co., East Port Chester, Conn.
Chicago Asbestos Table Mat Co., 215 Loomis, Chicago, Ill.
Cleveland-Akron Bag Co., Cleveland, O.
Excelsior Bag & Mfg. Co. ("Excelsior," "Handy"), Troy, N. Y.

382— Bags (Coal & Coke)

Adams Bag Co., 1900 Euclid av, Cleveland, O.
American Bag Co., 3rd & Harrison, Oakland, Cal.
American Commercial Corp. (Canvas), 120 Broadway, New York
Aronoff Joseph J., Trenton, N. J.
ATLANTA TENT & AWNING CO., Atlanta, Ga.
Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.
Cleveland-Akron Bag Co., Cleveland, O.
Continental Paper Bag Co. (Paper), 17 Battery pl, New York
Coye Charles A. (Canvas), Grand Rapids, Mich.
Excelsior Bag & Mfg. Co. ("Excelsior" Canvas), Troy, N. Y.
Hettrick Mfg. Co., Toledo, O.
Lane W. T. & Bro. (Canvas), Poughkeepsie, N. Y.
Meyer L. M. & Co., Springfield, Mass.
Mills Andrew & Sons, 53 South, New York
Morris & Co. (Cotton Duck), Groveville, N. J.
Phillips Thos. Co., Akron, O.
Sackett H. B. Screen & Chute Co. (Canvas, etc), 1691 Elston av, Chicago, Ill.
Taggart Bros. Co., Watertown, N. Y.
Zittlosen Mfg. Co., Park & Dolman, St. Louis, Mo.

383— Bags (Coffee)

American Bag Co., 3rd & Harrison, Oakland, Cal.
Bemis Bros. Bag Co., 601 S 4th, St. Louis, Mo.
Chase H. & L. Bag Co., 8 N. Main, St. Louis, Mo.
Continental Paper Bag Co. (Paper), 17 Battery pl, New York
Halsted E. S. & Co. (Burlap), 64 Pearl, New York
Lawson Jacob Bag Co. (Burlap), 264 Water, New York
Logie James & Co. (Imp Burlap), 42 B'way, New York
Milwaukee Bag Co., 206 S Water, Milwaukee, Wis.

384— Bags (Coin & Bond)

Aronoff Joseph J., Trenton, N. J.
Excelsior Bag & Mfg. Co., Troy, N. Y.
Milwaukee Bag Co. (Coin), 206 S Water, Milwaukee, Wis.
Warren Leather Goods Co., Worcester, Mass.

385— *Bags (Coke, Paper)

Taggart Bros. Co., Watertown, N. Y.
UNION PAPER AND TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book

386— Bags (Cotton)

See Bags and Bagging

386a— Bags (Cotton Pick)

ATLANTA TENT & AWNING CO. (Cotton), Atlanta, Ga.

387— Bags (Feed)

Bemis Bro. Bag Co. (Cotton & Jute), 601 S 4th, St. Louis, Mo.
Cleveland-Akron Bag Co., Cleveland, O.
Continental Paper Bag Co. (Paper), 17 Battery pl, New York
Milwaukee Bag Co., 206 S Water, Milwaukee, Wis.
Taggart Bros. Co., Watertown, N. Y.

388— Bags (Filter)

Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.

Bibb Manufacturing Co. (For Sugar Refiners), Macon, Ga.
Brooklyn Filter Bag Co., 643 Kent av, Brooklyn, N. Y.
Cleveland-Akron Bag Co., Cleveland, O.
Milwaukee Bag Co., 206 S Water, Milwaukee, Wis.
National Sales Co. (Imp.), 31 E 13th, Cincinnati, O.
Stanley Wm. W. (All Varieties), 50 Church, New York

389— *Bags (Flour)

ADAMS BAG CO. (Paper only), 1900 Euclid av, Cleveland, & Chagrin Falls, O.
Bemis Bros. Bag Co. (Paper), 601 S 4th, St. Louis, Mo.
Crunden-Martin Mfg. Co., 2nd & Gratiot, St. Louis, Mo.
Dien & Wing Paper Co., Gilber av, Cincinnati, O.
Harrisburg Bag & Box Co. (Paper), Harrisburg, Pa.
Philadelphia Bag Co. (Paper), 84 Tasker, Phila., Pa.
Phillips Thos. Co. (Heavy Paper), Akron, O.
Taggart Bros. Co., Watertown, N. Y.

390— Bags (Gas Engine)

Davol Rubber Co., 69 Point, Providence, R. I.
Hodgman Rubber Co., 8 W 40th, New York
Mulconroy Co., 54th & Jefferson, Phila, Pa.
Peerless Rubber Mfg. Co., 31 Warren, New York

391— Bags (Gas Main)

Behringer Edw. A. Inc. ("Endurance"), 88 W B'way, New York
Peerless Rubber Mfg. Co. ("Peerless" Rubber), 31 Warren, New York

392— Bags (Golf)

Boyle John & Co., 112 Duane, New York
Brauer Bros. Mfg. Co., 204 N 14th, St. Louis, Mo.
Crawford, McGregor & Canby Co., Dayton, O.
Hill Richard F. Mfg. Co., 219 High, Newark, N. J.
McLoughlin, Bundy & Sinsbaugh, Haas bldg, Los Angeles, Cal.
Spalding A. G. & Bros., 128 Nassau, N. Y.
Victor Sporting Goods Co., Springfield, Mass.
Warren Leather Goods Co., Worcester, Mass.

392a— *Bags (Grain)

American Bag Co., 3rd & Harrison, Oakland, Cal.
ATLANTA TENT & AWNING CO., Atlanta, Ga.

393— Bags (Grease)

Allen Auto Specialty Co., 16 W. 61st, New York
Continental Paper Bag Co., 17 Battery pl, New York
Detroit Leather Works, 141 Champlain, Detroit, Mich.
Economy Stay Co. (Leather), Jefferson City, Mo.
Gilbert Mfg. Co., New Haven, Conn.
Hager Chas. & Son, 1876 Broadway, New York
Perkins-Campbell Co., 622 Broadway, Cincinnati, O.
Smith James & Son, 40 Franklin av, Brooklyn, N. Y.
Sutherland F. L. Co., Detroit, Mich.

394— Bags (Hardware)

Continental Paper Bag Co., 17 Battery pl New York
Lawson Jacob Bag Co., 264 Water, New York

395— Bags (Hat)

Continental Paper Bag Co., 17 Battery pl New York
Empire Tire & Rubber Corp. (Rubber), East Trenton, N. J.
New York Belting & Packing Co., 91 Chambers, New York
Peerless Rubber Mfg. Co., 31 Warren, New York
UNION PAPER AND TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book

396— Bags (Horse Feed)

Cleveland-Akron Bag Co., Cleveland, O.
Excelsior Bag & Mfg. Co., Troy, N. Y. N. Y.
Langstroth T. W., 77 Warren, New York

396a— Bags (Inner Tube)

Allen Auto Specialty Co., 16 W 61st, N. Y.
Atlas Specialty Mfg. Co., 219 N Michigan, Chicago, Ill.
B. E. Mfg. Co., 44 B'way, New York
Dafoe-Eustice Co., 34 E Jefferson av, Detroit, Mich.
Empire Rubber & Tire Co., Trenton, N. J.
Gilbert Mfg. Co., New Haven, Conn.
Hopewell Bros., Watertown, Mass.
Nathan Novelty Mfg. Co., 84 Reade, N. Y.
Ohio Top Co., 909 B'way, Cincinnati, O.
Peters & Herron Desk Co., 77 S Gift, Columbus, O.

397— Bags (Laundry)

A. & E. Leather Goods Co., 42 E 20th, New York
Boyle John & Co., 112 Duane, New York
Continental Paper Bag Co., 17 Battery pl New York
Excelsior Bag & Mfg. Co., Troy, N. Y.
Galewski A. & Son, 453 Broome, New York
Headley & Farmer Co, Newark, N. J.
Lanz, Owen & Co., 392 Florida, Milwaukee, Wis.
Queen Mfg. Co., 313 S Clinton, Chicago, Ill.
Stanley Wm. W. (Canvas), 50 Church. New York
Warren Leather Goods Co., Worcester, Mass.

398— Bags (Leather)

Aronoff Joseph J., Trenton, N. J.
Boyle Jno. & Co. (For Railroad Service, etc), 112 Duane, New York

398a— Bags (Lime)

ADAMS BAG CO., 1900 Euclid av, Cleveland, O.

399— Bags (Mail)

American Commercial Corp. (Government Standard Office, etc), 120 Broadway, New York
Aronoff Joseph J. (Office & Letter Carrier), Trentton, N. J.
Boyle Jno. & Co., 112 Duane, New York
Excelsior Bag & Mfg. Co., Troy, N. Y.
Hooper Wm. E. & Sons Co. (Government Standard), Maryland Life bldg, Baltimore, Md.
Humphry's R. A. Sons (Also Money), 1021 Callowhill, Phila., Pa.
Union Bag & Paper Corp., 233 B'way, New York
Warren Leather Goods Co., Worcester, Mass.

400— Bags (Mailing)

Bemis Bro. Bag Co. ("Economy"), 601 S 4th. St. Louis, Mo.
Cleveland-Akron Bag Co., Cleveland, O.
Colonial Office Appliance Co., 98 Park pl, New York
Columbus Mailing Bag Co. ("Superior"), 2782 N High, Columbus, O.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Milwaukee Bag Co., 206 S Water, Milwaukee, Wis.
White, C.

400a—*Bags (Messenger & Delivery)

COUCH BROS. MFG. CO., Atlanta, Ga.

401— Bags (Moth Proof)

Manahan Moth Paper Co. **("Manahan's" Satchel Formed), 370 Pearl, New York**
Seinsheimer Paper Co. (Containers), York & McLean, Cincinnati, O.

402— Bags (Nail)

Continental Paper Bag Co., 17 Battery pl New York
Fulton Bag Co. (Paper, for the Hardware Trade, etc), Fulton, N. Y.

402a—*Bags (Newspaper Carrier)

COUCH BROS. MFG. CO., Atlanta, Ga.

403—Bags or Covers (Tennis Racquet)

B. E. Mfg. Co. ("Bemco"), 18 W 18th, New York
Spalding A. G. & Bros., 126 Nassau, New York

404— Bags (Ore)

Ames Harris Neville Co., San Francisco, Cal.
Mellus Bros. & Co., Los Angeles, Cal.

405— Bags (Paper)

Adams Bag Co., 1900 Euclid av, Cleveland, Ohio
Advance Bag Co., Middletown, O.
American Paper Goods Co., Kensington, Conn.
Arkell Safety Bag Co., 120 B'way, N. Y.
Arkell & Smiths, Canajoharie, N. Y.
Atlanta Paper Co., Atlanta, Ga.
Badger Bag & Paper Co., Wausau, Wis.
Bemis Bro. Bag Co. (Flour, Meal & Cements), 601 S 4th, St. Louis, Mo.
Brown Bag Filling Machine Co. (Flat), Fitchburg, Mass.
Chatfield & Woods Co. (Sacks), 3rd & Plum, Cincinnati, O.
Chicago-Detroit Bag Co., Marquette bldg, Chicago, Ill.
Cleveland-Akron Bag Co., Cleveland, O.
Clochessy John, 21 W 4th, New York
Columbia Paper Bag Co., 921 E Fort av, Baltimore, Md.
Columbia Paper Bag Co., 3d, Long Island City, N. Y.
Continental Paper Bag Co. (All Kinds), 17 Battery pl, New York
Cramer-Force Co., Rochester, N. Y.
Crown Williamette Paper Co., San Francisco, Calif.
Crunden-Martin Mfg. Co. (Grocery, Sugar, Candy, Shot, Nail & Flour), 2d & Gratiot, St. Louis, Mo.
Cupples Saml. Woodenware Co., 7th & Spruce, St. Louis, Mo.
Diem & Wing Paper Co. (Flour Bags, Sacks, etc.), Gilbert av, Cincinnati, O.
Eagle Paper Co. (Box Bottom Self-Opening), Richmond, Va.
E—Z Opener Bag Co., Decatur, Ill.
E—Z Opener Bag Co., Fulton, N. Y.
Fulton Bag Co. (Mail, etc), Fulton, N. Y.
Fulton Bag & Cotton Mills, Atlanta, Ga.
George S. Co., Wellsburg, W. Va.
Grand Lake Co., 280 Madison av, New York
Harris Bag Co., Caxton bldg, Cleveland, O.
Haverstick Albert & Son, 11 S. Lititia, Philadelphia, Pa.
Hercules Paper Bag Co. (Grocers), Reading, Pa.
Herrlinger & Co., (Buggy Shipping), 206 Walnut, Cincinnati, O.
Hollis & Duncan, 732 W Lake, Chicago, Ill.
Howland Bag & Paper Co., Dexter, N. Y.
Jaite Co., Boston, O.
Kennedy Car Line & Bag Co. (Packing), Shelbyville, Ind.
Kirchheimer Bros. Co., 433 W Ohio, Chicago, Ill.
Louisiana Paper Co. (Ltd.), Shreveport, La.
Memphis Bag Co., Memphis, Tenn.
Michigan Bag & Paper Co., Jackson, Mich.
Miller Thompkins & Co., 485 Washington, New York
Milwaukee Bag Co. (For Cement, Lime, etc), 206 S Water, Milwaukee, Wis.
National Paper Co., Atlanta, Ga.
Pacific Paper Co., Portland, Ore.
Philadelphia Bag Co. (Flour & Meal), 84 Tasker, Phila., Pa.
Phillips Thos. Co. (Heavy for Flour, Feed, Cement, Lime & Plaster), Akron, O.
Port Huron Sulphite & Paper Co. (Manila), Port Huron, Mich.
Rutherford Paper Co., Tarentum, Pa.
Schorsch & Co., Brook av & 133d, New York
Seinsheimer Paper Co., York & McLean, Cincinnati, O.
Shuttleworth, Keiller & Co., 474 W B'way, New York
Taggart Bros. Co. (Rope Paper for Cement, Flour, etc), Watertown, N. Y.
Tartentum Paper Mills (For Cement, Lime, etc), 2d Natl Bk bldg, Pittsburgh, Pa.
Taylor Paper Co., 310 Davis, San Francisco, Cal.

Send Corrections and Additions to the Publishers

THE Publishers do everything in their power to give complete and correct information in the Register. Nevertheless, a small proportion of omissions and errors are bound to occur. ¶ Purchasing Agents, Manufacturers and others noticing such omissions or errors will receive the grateful thanks of the publishers if they will send a note to the Editor -:- -:-

Union Bag & Paper Corp. ("Union"), 233 B'way, New York
Union Paper Mill Co. (All Rope Buckskin Cement), Monongahela, Pa.
UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
U. S. Paper Goods Co. (Bat, Hat, Tobacco, etc), 1224 W 8th, Cincinnati, O.
Universal Paper Bag Co., New Hope, Pa.
Urschel-Bates Valve Bag Co. (For Cement, Lime, etc), 3431 Summit av, Toledo, O.
West Jersey Paper Mfg. Co. (For Cement, Plaster, Lime, etc), Camden, N. J.
Western Paper Goods Co. (Tobacco), 3d & Lock, Cincinnati, O.
Wortendyke Mfg. Co., Richmond, Va.

406— Bags (Parcels Post)

Milwaukee Bag Co., 206 S Water, Milwaukee, Wis.

407— Bags (Plaster)

Milwaukee Bag Co., 206 S Water, Milwaukee, Wis.
Taggart Bros. Co., Watertown, New York

408— Bags (Potato)

Continental Paper Bag Co. (Paper), 17 Battery pl, New York
Milwaukee Bag Co., 206 S Water, Milwaukee, Wis.
Taggart Bros. Co., Watertown, New York

409— Bags (Rice)

Continental Paper Bag Co. (Paper), 17 Battery pl, New York
Milwaukee Bag Co., 206 S Water, Milwaukee, Wis.
Taggart Bros. Co., Watertown, New York

410— Bags (Rubber)

Tyer Rubber Co. (Ice, Acetylene Gas, Syringe, etc), Andover, Mass.
Vant Woud Rubber Co. (Hot Water), 168 39th, Brooklyn, N. Y.

411— Bags (Safety)

Arkell Safety Bag Co., 120 B'way, New York

412— Bags (Salt)

American Bag Co., 3rd & Harrison, Oakland, Cal.
Milwaukee Bag Co., 206 S Water, Milwaukee, Wis.

413— Bags (Sand Levee)

Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.

414— Bags (Sanitary)

Milwaukee Bag Co., 206 S Water, Milwaukee, Wis.
Taggart Bros. Co., Watertown, New York

415— Bags (School)

See also Traveling Bags
Katz Bros. Leather Goods Co., 135 W 20th, New York
Kennebunk Mfg. Co., Rochester, N. H.
Lanz, Owen & Co., Milwaukee, Wis.
Ryan-Cushing Co., 126 Summer, Boston, Mass.
Warren Leather Goods Co., Worcester, Mass.

416— Bags (Second Hand)

Able Bag & Burlap Co., 1412 Blue Island av, Chicago, Ill.
Atlantic Bag Co. ("A. B. C."), 243 Water, New York
Bell Bag Co., 63 Front, New York
Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.
Brody S., South & Clinton, New York
Burnett Bag & Burlap Co., Howard & Ostend, Baltimore, Md.
Dorfman I. & Sons, 269 South, New York
Fulton Bag & Cotton Mills, Atlanta, Ga.
Hofeller Theo. & Co. (Burlap), 206 Scott, Buffalo, N. Y.
Hudson Bag Mfg. Co., Bayonne, N. J.
Iroquois Bag Co. (Bags & Burlap), Buffalo, N. Y.
Kent Percy Co., 33 Pearl, New York
Knickerbocker Bag Co., 7 Front, New York
Knott's David N. Sons (Cotton & Burlap), 104 Callowhill, Phila., Pa.
Lawson Jacob Bag Co., 264 Water, New York
Leonardis Peter & Sons, 57 River, Newark, N. J.
Lichtman S. & Son (Bags & Burlap), 9 Randall, Buffalo, N. Y.
Machover S., 113 Mercer, New York
Millard Geo. P. (Burlap), Clyde, N. Y.
Nanes Nathan, 434 E Houston, New York
New York & Boston Bag Co., 56 Commercial Wharf, Boston, Mass.
Oppenheimer & Co., Buffalo, N. Y.
Weitzel M. B., Lititz, Pa.
Western Bag & Burlap Co., 2449 Wallace, Chicago, Ill.
Wisconsin Bag & Burlap Co., Neenah, Wis.
Young & Metzner, 355 Vernon av, Long Island City, N. Y.

417—Bags (Shopping & School)

Thompson James & Co., 113 Prince, New York

418— Bags (Striking)

Chicago Sporting Goods Mfg. Co. ("Ratsch-Peerless" Leather), 123 S Jefferson, Chicago, Ill.
Faultless Rubber Co. (Rubber), Ashland, Ohio
Goldsmith's P. Sons, John, Findlay & Charlotte, Cincinnati, O.
Goodrich B. F. Co. (Rubber), Akron, O.
Jarvis W. B. Co. ("Ty Cobb"), Grand Rapids, Mich.
Rawlings Mfg. Co., 23 & Lucas av, St. Louis, Mo.
Stall & Dean Mfg. Co., Brockton, Mass.
Tyer Rubber Co. (Rubber), Andover, Mass.

419— Bags (Sugar)

Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.
Cleveland-Akron Bag Co., Cleveland, O.
Continental Paper Bag Co. (Paper), 17 Battery pl, New York
Milwaukee Bag Co., Milwaukee, Wis.

420— Bags (Tamping)

HERCULES POWDER CO., Wilmington, Del. *See adv index at end of book*

421— Bags (Tar Camphor)

White Tar Co. (Tar Only), 4 Cliff, New York

422— Bags (Tire, Inner Tube)

Cleveland-Akron Bag Co., Cleveland, O.
Gilliam Co., Canton, O.

423— Bags (Tool)

Aronoff Joseph J. (Electricians & Masons), Trenton, N. J.
Aschenbeeck Henry, Harness Co. (Mechanics), 71 Warren, New York
Buhrke R. H. Co., 2414 N Sac. av., Chicago, Ill.
Boyle John & Co., 112 Duane, New York
Cleveland-Akron Bag Co., Cleveland, O.
Dicke Tool Co., Downers Grove, Ill.
Excelsior Bag & Mfg. Co. (Plumbers', Masons', Mechanics', etc), Troy, N. Y.
Galewski Adolph & Son (Plumbers'), 453 Broome, New York
Humphry's R. A. Sons, 1021 Callowhill, Phila., Pa.
Johnson Wm. (Plumbers' & Masons'), Newark, N. J.
Klein Mathias & Sons, 562 W Van Buren, Chicago, Ill.
Meckel Fred L., 11 E 13th, Chicago, Ill.
Osborne C. S. & Co., Harrison, N. J.
Peters & Herron Dash Co., 77 S Gift, Columbus, O.
Reading Saddle & Mfg. Co. (Bicycle, Motorcycle, etc), Reading, Pa.
Starbuck R. M. & Sons (Plumbers), Hartford, Conn.
Troxel Mfg. Co., Elyria, Ohio
Wolverine Leather Goods Co., Detroit, Mich.

424— Bags (Tool, Linemen's)

Aschenbach Harness Co., 71 Warren, New York
Boyle John & Co., 112 Duane, New York
Buhrke R. H. Co., 2414 N Sac. av., Chicago, Ill.
Dicke Tool Co., Downers Grove, Ill.
Excelsior Bag & Mfg. Co., Troy, N. Y.
Galeswki Adolph & Son, 453 Broome, New York
Humphry's R. A. Sons, 1021 Callowhill, Phila., Pa.
Klein Mathias & Sons, 562 W Vanburen, Chicago, Ill.
Meckel Fred L., 11 E 13th, Chicago, Ill.

Bags (Traveling)

See Traveling Bags & Suit Cases

425— Bags (Valve)

Adams Bag Co., 1900 Euclid av, Cleveland, Ohio
Cleveland-Akron Bag Co., Cleveland, O.
Milwaukee Bag Co., 206 S Water, Milwaukee, Wis.
Phillips Thos. Co. (For Cement, Lime & Plaster, Merchandise, etc), Akron, O.
Taggart Bros. Co., Watertown, N. Y.
Urschel-Bates Valve Bag Co. ("Twenty-first Century" Valve Bags and Open-mouth), 3431 Summit av, Toledo, O.

425a— *Bags (Valve Lime)

Urschel-Bates Valve Bag Co., 3431 Summit av, Toledo, O.

426— Bags & Bagging

See also Burlap Importers
(Those Marked with a (†) Dagger Make Bagging also)
Adams Bag Co. (Paper Only), 1900 Euclid av, Cleveland, & Chagrin Falls, O.
American Bag Co., 3rd & Harrison, Oakland, Cal.
American Bag Co. (Cotton & Burlap Bags), Memphis, Tenn.
American Bag & Burlap Co. (Burlap), Boston, Mass.
†American Mfg. Co. (Jute Bagging), Noble, & West, Brooklyn, N. Y.
American Mills Co. (Burlap & Cotton), Atlanta, Ga.
Ames-Harris-Neville Co., Potrero & Alameda, San Francisco, Cal.
Anchor Duck Mills (Cotton Bags), Rome, Ga.
†Androscoggin Mills (Grain, etc), Lewiston, Me.
Arkell Safety Bag Co., 120 B'way, New York
Aronoff Jos. J. (Messenger & Delivery), 120 Hamilton av, Trenton, N. J.
Atlantic Jute Mills ("Congo") Norfolk, Va.
Bartley Mfg. Co. (Burlap), 261 South, New York
Bell Bag Co. (Grain Bags), 63 Front, New York
Bemis Bro. Bag Co. (Jute, Paper, Cotton, Burlap, "Wiretop" Muslin, etc.), 601 S 4th, St. Louis, Mo.
Bemis Indianapolis Bag Co., Barth av & Belt, Indianapolis, Ind.
Bosworth Bag. Co. (Burlap & Cotton), Memphis, Tenn.
Bowen-Jewell Co. (Cotton Bagging), Jewell, Ga.
Brewer Bag Co., 78 Pearl, New York
Brody S. (Jute & Burlap), South & Clinton, New York
California Cotton Mills Co. (Cotton Bags), Oakland, Cal.
Carolina Bagging Co. (Jute), Henderson, N. C.
Carolina Mills (Cotton Bagging), Greenville, S. C.
Central Bag Mfg. Co. (Burlap & Cotton), 3622 Iron, Chicago, Ill.
See adv index at end of book
Chase H. & L. (Burlaps & Cotton), 267 Atlantic av, Boston, Mass.
Chase H. & L. Bag Co. (Bags), 8 N Main, St. Louis, Mo.
Chelsea Fibre Mills (Seamless Bags), 212 5th av, New York
Cherokee Falls Mfg. Co. (Seamless Grain), Cherokee Falls, S. C.
Chicago-Detroit Bag Co. (Jute, Cotton, etc), Marquette bldg, Chicago, Ill.
Chicago Leather & Mercantile Co. (Burlap), 1848 W 14th, Chicago, Ill.
Cincinnati Bag Co. (Cotton Seamless & Burlap for own use only), 601 E 5th, Cincinnati, O.
Cleveland-Akron Bag Co., Cleveland, O.
Colby & Co., Savannah, Ga.

BAGS AND BAGGING—continued

Collins-Plass-Thayer Co. (Jute & Cotton), 26 Beaver, New York
†Columbia Cotton Mill Co. (Cotton Seamless Grain Bags), Columbia, Tenn.
†Dana Warp Mills (Grain Bags), Westbrook, Me.
Eagle Cotton Mills Co. (Cotton), Madison, Ind.
Eastern Burlap Bag Co. (Burlap), 95 Commerce, Hartford, Conn.
Empire State Bag Co. (Flax & Jute Bags & Bagging), 760 Wythe av, Brooklyn, N. Y.
Emsley John W., Adams & Emerald, Phila., Pa.
Feitel Dan W. Bag Co. (Burlap) Clarborne & Crato, New Orleans, La.
Franklinville Mfg. Co. (Seamless Bags), Franklinville, N. C.
†Fulton Bag & Cotton Mills (Cotton), Atlanta, Ga.
Gaylord Bros. (Cloth Coin), Syracuse, N. Y.
Golden Belt Mfg. Co. (Tobacco Bags,, etc), Durham, N. C.
†Grimond J. & A. D., Ltd. (H. N. Gildea, Agt., Jute Burlap Bagging), 320 B'way, New York
†Gulf Bag Co. (Burlap & Cotton), 330 Notre Dame, New Orleans, La.
Halsted E. S. & Co., 64 Pearl, New York
Hardwood Mfg. Co., 101 3rd av S, Minneapolis, Minn.
Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
Hyand Bag Co., 243 Sacramento, San Francisco, Cal.
Imperial Bagging Co., Norfolk, Va.
Jackson Fibre Co. (Brown Cotton Bags), Bemis, Tenn.
Kent Percy Co. (Cotton & Burlap Bags), 33 Pearl, New York
King Mfg. Co. (Cotton, Burlap, etc.), Front & Main, Cincinnati, O.
Kurtz Bag Co., 414 B'way, New York
Lane J. H. & Co. (Jobbers) 334 4th av, New York
Lawson Jacob Bag Co. (Burlap), 264 Water, New York
Leavenworth Bag & Mfg. Co. (Burlap & Cotton), Leavenworth, Kans.
Liberman M. (Hop & Rice), 11 Lewis, New York
Little Rock Tent & Awning Co. (Cotton Picking), Little Rock, Ark.
Logie Jas. & Co., 42 B'way, New York
Ludlow Mfg. Associates (Jute Bagging for Baling Cotton, 111 Devonshire, Boston, Mass.
Machover S. (Cotton & Burlap), 113 Mercer, New York
Milwaukee Bag Co. (Cotton & Jute, Sugar, Cement, Sand Levee, Salt, Rice, Potato, Parcel Post, Hardware, Coffee Urn, Castings & Bean Bags, Flour Sacks & Burlaps), 206 S Water, Milwaukee, Wis.
Millhiser Bag Co. (Seed Bags, Tobacco Bags & Pouches), Richmond, Va.
Moran John & Son (Bags & Barrel Covers), 213 Franklin, New York
Morgan & Hamilton Co. (Cotton, Flour & Meal Sacks & Burlap Bags), Nashville, Tenn.
Morris & Co. (Cotton), Groveville, N. J.
Morrison & Risman, 1437 Bailey av, Buffalo, N. Y.
Morrison & Risman (Jute & Burlap) 1437 Bailey av, Buffalo, N. Y.
Neahr M. J. & Co., 1600 S Dearborn, Chicago, Ill.
New York-Boston Bag Co. (Potato, Flour, Grain & Coffee Sacks, etc), 56 Commercial wharf, Boston, Mass.
Noon Bag Co. (Grain, etc), 32 N 1st, Portland, Ore.
O'Meara Maurice Co., 450 Pearl, New York
†Parsons C. H. Co. (Cotton & Burlap), 78 Water, N. Y.
Philadelphia Bag Co. (Burlap & Cotton), 84 Tasker, Phila., Pa.
Plummer W. A. Mfg. Co. (Burlap & Cotton), 37 Front, San Francisco, Cal.
Queen Mfg. Co. (Laundry Bags), 313 S Clinton, Chicago, Ill
Raggi P. & Co., 52 Washington, San Francisco, Cal.
Ralli Bros. (Imp), 11 William, New York
†Riverside Mills (Jute Bagging for Cotton), Augusta, Ga.
Rock Run Carbon Co., Warren, Ohio
Ross John B. & Co. (Jute Bagging), Charlotte, N. C.
Royal Mills (Seamless & Burlap Bags Only), Charleston, S. C.
Royal River Mfg. Co. (Cotton Grain Bags), Yarmouth, Me.
Salmon A., Inc., 140 Nassau, New York
St. Louis Bag & Burlap Co. (Jute), Hall & Dock, St. Louis, Mo.
Scott Jas. & Son (Importers Burlap & Jute Bagging), 346 B'way, New York
Smith M. D. & H. L. Co. (Flour & Meal Bags), Dalton, Ga.
Southern States Bag Co., Jackonville, Fla.
†Stark Mills (Grain Bags; also Bagging, etc), Manchester, N. H.
Stokes E. K. (Burlap), 78 Pearl, New York
Taggart Bros. Co., Watertown, N. Y.
Texas Bag & Fibre Co., Houston, Texas
†Tombigbee Cotton Mills (Brown Cotton Bagging), Columbus, Miss.
†Union Cotton Bagging Corp. (Jute & Cotton Bagging Only), Norfolk, Va.
Urschel-Bates Valve Bag Co. (For Lime, Cement, Plaster, Feed, etc), 3431 Summit av, Toledo, O.
Walker J. S. & Co. (Burlap), Louisville, Ky.
West & Co., Albany, Ga.
Werthan Bag Co. (Burlap & Cotton), Nashville, Tenn.
Wisconsin Bag & Burlap Co. (Burlap), Neenah, Wis.
Wynantskill Mfg. Co. (Beef & Sheep), Troy, N. Y.
Young & Metzner, 335 Vernon av, Long Island City, N. Y.

427-8— Bailers (Mine)

Imperial Iron Works, Duluth, Minn.

429— Bailwoods (Pail)

ESTES E. B. & SONS, 364 5th av, New York. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

430— Bait (Fishing)

Anglers' Bait & Mfg. Co. (Frogs, Minnows, Shiners, etc), 913 W Randolph, Chicago, Ill.
Foss Al., 1722 Columbus rd, Cleveland, O.
Hastings Sporting Goods Wks, Hastings, Mich.
Hendryx Andrew B. Co., New Haven, Conn. *See adv index at end of book*

Makes all styles of spoon baits for trout, pickerel and bass.
THE ANDREW B. HENDRYX CO.
New Haven, Conn.

Moonlight Bait Co. ("Moonlight"), Paw Paw, Mich.
Orvis Chas. F. Co. (Artificial Flies, etc.), Manchester, Vt.
U. S. Specialty Co. (Rush Tango, Minnow), Rush bldg, Syracuse, N. Y.
Vacuum Bait Co. ("Howes," "Vacuum," Bass Bait, etc), North Manchester, Ind.
Wise Sportsman's Supply Co., Great Northern bldg, Chicago, Ill.

431— Bakelite

General Bakelite Co., 2 Rector, New York York
National Lead Co. (Moulders), 111 B'way, New York

432— Bakers (Potato)

Timberlake J. B. & Sons ("Jaxon"), Jackson, Mich.

433-4— Bakers (Wire Mill)

Turner, Vaughn & Taylor Co., Cuyahoga Falls, Ohio

435—Balances (Assay & Analytical)

Ainsworth Wm. & Sons, Denver, Colo.
Bausch & Lomb Optical Co., Rochester, N. Y.
Becker Christian, 92 Reade, New York
Daube & Hopken, 39 Carlton av, Jersey City, N. J.
Eimer & Amend, 205 3d av, New York
Fairbanks Co., 416 Broome, New York. *For branch houses see Alphabetical Section*
Heil Henry Chemical Co., St. Louis, Mo.
Keller G. P. ("Keller"), Salt Lake City, Utah
Kohlbusch Herman, 149 N. Y. av, Jersey City, N. J.
Sargent E. H. & Co., 125 W Lake, Chicago, Ill.
Thompson Balance Co., Denver, Colo.
Torsion Balance Co. ("Torsion"), 92 Reade, New York
Troemner Henry, 911 Arch, Phila., Pa.
Voland & Sons, New Rochelle, N. Y.

436— Balances (Spring)

American Cutlery Co., 764 Mather, Chicago, Ill.
Chatillion Jno. & Sons, 85 Cliff, New York
Fairbanks Co., 416 Broome, New York. *For branch houses see Alphabetical Section*
Hanson Bros., 525 N Ada, Chicago, Ill.
Pelouze Mfg. Co., 232 E O, Chicago, Ill.
Torschner Chas. & Sons, 206 E 19, New York

437— Balata

Gough Wallace L. Co., 16 Exchange pl, New York
Raw Products Co. (Imp), 80 Wall, New York
Landers, Frary & Clark, New Britain, Conn.
Micrometer Balance Scale Co., Troy, N. Y.
Peck, Stow & Wilcox Co., Southington, Conn.
Pelouze Mfg. Co., 232 E Ohio, Chicago, Ill.
Wilson Robert P., 320 Market, Newark, N. J.

438-9— Balers (Sack)

Handy Sack Baler Co., Cedar Rapids, Ia.

440—Ballast Loaders & Unloaders

Bucyrus Co., So. Milwaukee, Wis.
Byers Jno F. Machine Co., 242 S. Sycamore, Ravenna, O. *See adv index at end of book*
Goodwin Car Co. ("Goodwin" Unloaders), 17 Battery pl, New York
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
LIDGERWOOD MFG. CO. (Unloaders Only), 96 Liberty, New York *See adv index at end of book*
McMyler-Interstate Co., Bedford, O.
Marion Steam Shovel Co., P. O. Box 505, Marion, O.

Ballast (Railroad)

See Stone, Crushed

441— Ball Blue

Heller & Merz Co., 503 Hudson, New York

441a— Balloons and Dirigibles

Connecticut Aircraft Co., New Haven, Conn.
Gas Engineering Co., Trenton, N. J.
Goodyear Tire & Rubber Co., Akron, O.
Janney-Steinmetz Co., 1241 Chestnut, Phila., Pa.
U. S. Rubber Co., 58th & B'way, New York

442— Balloons (Rubber)

Behrend & Rothschild, 54 Van Dam, Greenpoint, L. I., N. Y.
Eagle Rubber Co., Ashland, O.
Faultless Rubber Co., Ashland, O.
Goodyear Tire & Rubber Co., Akron, O.
Gregory Rubber Co. (Toy), Akron, O.
Howe-Baumann Balloon Co., 187 Murray, Newark, N. J.
Lincoln Rubber Co., Akron, O.
Oak Rubber Co. (Toy), Ravenna, O.
Pioneer Rubber Specialty Co., Akron, O.
Realty Rubber Co., Massillon, O.
Sun Novelty Co. (Rubber Goods), Bloomfield, N. J.
Western Reserve Rubber Co. (Toy), South Akron, O.

443— *Balls (Agricultural)

EXCELSIOR STEEL BALL CO. (Steel Only), P. O. Box 52, Buffalo, N. Y.
See adv index at end of book

444— Balls (Aluminum)

Aluminum Goods Mfg. Co., Manitowoc, Wis.
EXCELSIOR STEEL BALL CO., P. O. Box 52, Buffalo, N. Y.
See adv index at end of book
Hoover Steel Ball Co., Ann Arbor, Mich.
Jones Ball Co., Arlington Heights, Mass.
Metal Specialty Mfg. Co., Inc., Waterbury, Conn.

445— Balls (Ball Mill)

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
ALLIS-CHALMERS MFG. CO. (Forged Steel), Milwaukee, Wis.
See adv index at end of book
Worthington Pump & Machinery Corp., 115 B'way, New York
See adv index at end of book

445a— *Balls (Balloting)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Balls (Basket)

See firms in Balls, Foot, with the word Leather following their names

Balls (Bearing)

See Balls, Steel

446— Balls (Billiard & Pool)

Albany Billiard Ball Co., Albany, N. Y.
Brunswick-Balke-Collender Co., 29 W 32d, New York
Grote F. & Hubbell Co., 82 4th av, New York
Kaldenberg Trading Co. (Ivory), 433 Broome, New York
Kapp A. Jos. Sons Ivory Co., 124 E 14th, New York

447— Balls (Bowling)

American Hard Rubber Co. ("A. H. R." Hard Rubber), 9 Mercer, New York
ESTES E. B. & SONS (Wood), 364 5th av, New York *See adv index at end of book*
Klumpp's Jno. G. Sons, 13 Baxter, New York
Kohaut John C., 117 Green, Newark, N. J.
Labaugh & Armstrong Wood Turning Co., 50 Ann, New York
Reinschmidt C. & H., Rochester, N. Y.
Sommer John Faucet Co., 30 Morris, Newark, N. J.

448— Balls (Brass)

American Ball Co. ("American"), 115 Clifford, Providence, R. I.
Atlas Ball Co. (For Valves, also Bronze), 4th & Glenwood av, Philadelphia, Pa.
Auburn Ball Bearing Co. ("Auburn," Also Bronze, Solid & Hollow), 26 Elizabeth, Rochester, N. Y.
Darling Pump & Mfg. Co., Ltd., Williamsport, Pa.
Diamond Mfg. Co., Detroit, Mich.
Draper Mfg. Co. (Solid or Hollow, for Valves, etc), Port Huron, Mich.
EXCELSIOR STEEL BALL CO. (Also Bronze, Solid & Hollow), P. O. Box 52, Buffalo, N. Y.
See adv index at end of book
GWILLIAM CO., 255 W 58th, New York
See adv index at end of book
Hoover Steel Ball Co., Ann Arbor, Mich.
Hough Chas. N. Mfg. Co. (Also Bronze). Franklin, Pa.
Jones Ball Co. (Also Bronze), Arlington Heights, Mass.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Metal Specialty Mfg. Co. (To Specifications), Waterbury, Conn.
See adv index at end of book
Midland Brass Works, Fort Worth, Texas
New Departure Service Station, 255 W 58th, New York
Pressed Steel Mfg. Co., Land Title bldg., Philadelphia, Pa.
Probst C. F. Mfg. Co. (To Order), Waterbury, Conn.
Schatz Mfg. Co. (Also Bronze, Solid & Hollow), Poughkeepsie, N. Y.

449— Balls (Bronze)

See Balls, Brass

450— *Balls (Cabinet Lock)

EXCELSIOR STEEL BALL CO. (German Silver), P. O. Box 52, Buffalo, N. Y.
See adv index at end of book

451— Balls (Cast Iron)

Boker H. & Co. (Imported), 101 Duane, New York

452— *Balls (Caster)

EXCELSIOR STEEL BALL CO., P O Box 52, Buffalo, N. Y.
See adv index at end of book

453— Balls (Cement Mill)

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
Allis-Chalmers Mfg. Co. (Forged), Milwaukee, Wis.
See adv index at end of book
Alloy Steel Forging Co., Carnegie, Pa.
Los Angeles Fdry Co. ("Duroloid"), Los Angeles, Cal.
Midvale Steel & Ordnance Co., Widener bldg, Phila., Pa.
Tioga Steel & Iron Co., Phila., Pa.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.

454— Balls (Copper)

ABBOTT BALL CO., Elmwood Station, Hartford, Conn.
See adv index at end of book
Metal Specialty Mfg. Co. (To Specifications), Waterbury, Conn.
See adv index at end of book
Probst C. F. Mfg. Co. (To Order), Waterbury, Conn.

455— Balls (Croquet)

American Hard Rubber Co. (Hard Rubber), 9 Mercer, New York
Essex Rubber Co. (Rubber), Trenton, N. J.
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Spalding A. G. & Bros., 126 Nassau, New York

455a— *Balls (Darning)

ESTES E. B. & SONS, 364 5th av, New York. *See adv index at end of book*

456— Balls (Fall Line)

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Dobbie Foundry & Machine Co. (Plain & with Hook), Niagara Falls, N. Y.

457— *Balls (Flag Pole)

EXCELSIOR STEEL BALL CO. (Bronze, Brass & Steel), P. O. Box 52, Buffalo, N. Y. *See adv index at end of book*

458— Balls (Foot)

Chicago Sporting Goods Mfg. Co. ("Ratsch-Peerless" Leather), 123 S Jefferson, Chicago, Ill.
Draper Maynard Co. (Leather), Plymouth, N. H.
Goldsmiths' P. Sons (Leather), John Findlay & Charlotte, Cincinnati, O.
Goodrich B. F. Co. (Rubber), Akron, O.
Goodyear Rubber Co. & Rubber Clothing Co. (Rubber), 787 B'way, New York
Goodyear Tire & Rubber Co. (Rubber), Akron, O.
Hodgman Rubber Co. (Rubber), 8 W 40th, New York
Jarvis W. B. Co. ("Ty Cobb," Leather), Grand Rapids, Mich.
Majestic Rubber Co., Akron, O.
National India Rubber Co., Bristol, R. I.
Rawlings Mfg. Co. ("Leather"), 23rd & Lucas av, St. Louis, Mo.
Reach A. J. Co. (Leather), Tulip & Palmer, Phila., Pa.
Revere Rubber Co. (Rubber), Chelsea, Mass.
Sell Sporting Goods Co., Canton, O.
Spalding A. G. & Bros. (Leather), 126 Nassau, New York
Tyer Rubber Co. (Rubber), Andover, Mass.
Victor Sporting Goods Co. (Leather), Springfield, Mass.
Wright & Ditson (Leather), 344 Washington, Boston, Mass.

459— Balls (Fuller)

See Rubber Goods Mfrs., Mechanical

460— Balls (Glass)

Bache Semon & Co. (Imp), 636 Greenwich, New York
Christensen M. F. & Son Co., Akron, O.
Illinois Glass Co. (Furniture, Caster, etc), Alton, Ill.
RODEFER GLASS CO., THE, Bellaire, O.
See adv index at end of book

461— Balls (Golf)

Davidson Rubber Co., Boston, Mass.
St. Mungo Mfg. Co. ("Arch Colonel," "Star Colonel," "Crescent Colonel"), 121 Sylvan av, Newark, N. J.
Slazenger Frank L., 12 E 43d, New York
Spalding A. G. & Bros., 126 Nassau, New York
Worthington Ball Co., Elyria, Ohio
Wright & Ditson, 344 Washington, Boston, Mass.

461a— *Balls (Grille)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

462—Balls (Hand Ball Court)

Goodrich B. F. Co., Akron, O.
Pennsylvania Rubber Co., Jeannette, Pa.
Spalding A. G. & Bros., 125 Nassau, New York

463— *Balls (Hinge)

EXCELSIOR STEEL BALL CO., P. O. Box 52, Buffalo, N. Y.
See adv index at end of book

464— Balls (Hollow)

Draper Mfg. Co. (Brass, for Valves, etc), Port Huron, Mich.
EXCELSIOR STEEL BALL CO. (Brass Only), P. O. Box 52, Buffalo, N. Y
See adv index at end of book
Hoover Steel Ball Co., Ann Arbor, Mich.
Johnston & Sharp Mfg. Co. (Crucible Steel, Self-Lubricating), Ottumwa, Ia.
Schatz Mfg. Co. (All Metals Except Aluminum), Poughkeepsie, N. Y.

464a— *Balls (Kominuter)

Tioga Steel & Iron Co., Phila., Pa.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.

464b—*Balls (Lithographic)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

464c— *Balls (Massage)

Estes E. B. & Sons (Wooden), 364 5th av, New York
See adv index at end of book

464d— Balls (Monel Metal)

Metal Specialty Mfg. Co., Inc., Waterbury, Conn.
WILLIAMS & CO. (INC.), 220-226 Penn av, Pittsburgh, Pa.
See adv index at end of book

465— Balls (Moth)

DANA & CO. INC. 111 B'way, New York
See adv index at end of book
White Tar Co. ("White Tar," Imp.), 4 Cliff, New York

466— Balls (Ox)

Peck, Stow & Wilcox Co., Southington, Conn.
Sanders, Frary & Clark, New Britain, Conn.
Sargent & Co., New Haven, Conn.
Woodruff W. W. & Sons Co., Mt. Carmel, Conn.

467—Balls (Phosphor Bronze)

EXCELSIOR STEEL BALL CO., P. O. Box 52, Buffalo, N. Y.
See adv index at end of book
Metal Specialty Mfg. Co. (To Specifications), Waterbury, Conn.
See adv index at end of book

STEEL BALLS

A. B. C. Bearing Balls are the most accurate and highly finished balls on the market, giving unqualified satisfaction in service.

Let us quote you on your requirements

THE ABBOTT BALL COMPANY, Elmwood Sta., HARTFORD, CONN.

468-9— Balls (Pipe & Flue)

Alloy Steel Forging Co., Carnegie, Pa.
Cyclops Foundry Co., Union Bank bldg, Pittsburgh, Pa.
Pittsburgh Iron & Steel Foundries Co. (For Lapwelding Pipe), Midland, Pa.

Balls (Polishing)

See Balls, Steel for Polishing, Etc.

469a— *Balls (Polo)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

470— Balls (Porcelain)

Jeffery-Dewitt Co., Butler av & Grand Trunk Ry, Detroit, Mich.
Union Porcelain Works, 300 Eckford, Brooklyn, N. Y.

471— *Balls (Roller Skate)

EXCELSIOR STEEL BALL CO. (Steel), P. O. Box 52, Buffalo, N. Y.
See adv index at end of book

472— Balls (Rubber)

Baumann Rubber Co., New Haven, Conn.
Bell Andrew (Estate of), 45 Commercial, Newark, N. J.
Davol Rubber Co. (Gas Mains, etc), 69 Point, Providence, R. I.
Essex Rubber Co., Trenton, N. J.
Faultless Rubber Co., Ashland, O.
Goodrich B. F. Co., Akron, O.
Home Rubber Co., Trenton, N. J.
Lambertville Rubber Co., Lambertville, N. J.
Majestic Rubber Co., Akron, O.
NEW YORK RUBBER CO., 323 W Randolph, Chicago, Ill., & Reade & Church, New York
Sun Novelty Co. (Toy, Parlor, etc.), Bloomfield, N. J.

473-4— Balls (Steel)

ABBOTT BALL CO. ("Abbott," Highgrade bearing, also all other grades), Elmwood Station, Hartford, Conn.
See adv index at end of book
Allis-Chalmers Mfg. Co. (Forged), Milwaukee, Wis.
See adv index at end of book
American Ball Co., 115 Clifford, Providence, R. I.
Aschenbach Harness Co., 71 Warren, New York.
Atlas Ball Co. ("Atlas"), 4th & Glenwood av, Phila., Pa.
Atlas Crucible Steel Co., Dunkirk, N. Y.
See adv index at end of book
Auburn Ball Bearing Co. (Solid), 26 Elizabeth, Rochester, N. Y.
Bearings Co. of America (Imp.), Lancaster, Pa.
Boker Hermann & Co. (Imported), 101 Duane, New York
Buhrke R. H. Co., 2414 N. Sac. av, Chicago, Ill.
Darling Pump & Mfg. Co., Ltd., Williamsport, Pa.
Draper Mfg. Co. (For Valves), Port Huron, Mich.
EXCELSIOR STEEL BALL CO., P. O. Box 52, Buffalo, N. Y.
See adv index at end of book
General Mfg. Co. (Burnishing), Waterbury, Conn.
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Grammes L. F. & Sons, Allentown, Pa.
GWILLIAM CO., 255 W 58th, New York
See adv index at end of book
Hoover Steel Ball Co., Ann Arbor, Mich.
Hough Chas. N. Mfg. Co., Franklin, Pa.
Jones Ball Co., Arlington Heights, Mass.
Latshaw Steel & Metal Products Co., 220 B'way, New York.
See adv index at end of book

-BALLS-STEEL-
Shafting, Seamless Welded and Seamless Steel Tubing
Hack Saw Blades, Screw Steel
Bars, Sheets, Plates, Angles, Channels
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Steel Balls, Hoops, Nails
LATSHAW STEEL & METAL PRODUCTS CORP.
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GENERAL OFFICES-261 BROADWAY, NEW YORK CITY.
BRANCHES-PHILADELPHIA-PITTSBURG-CHICAGO

Livermore H. F. Co., 85 Pearl, Boston, Mass.
Meckel Fred L., 11 E 13th, Chicago, Ill.
Metal Specialty Co. Inc., Waterbury, Conn.
New Departure Mfg. Co. ("New Departure"), Bristol, Conn.
See adv index at end of book

Est. 1887— **Excelsior Steel Ball Co.** *—Inc. 1902*

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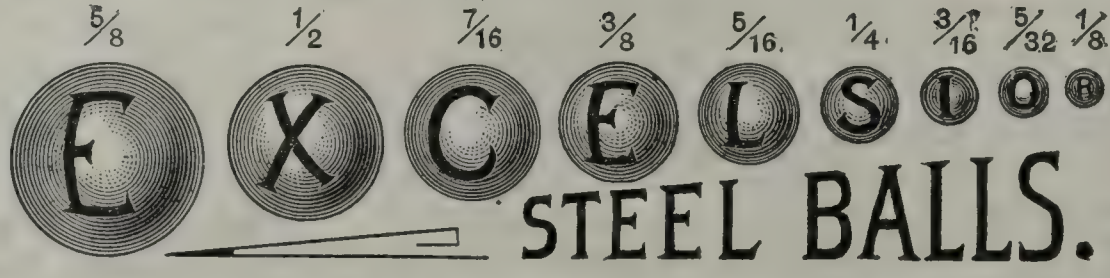

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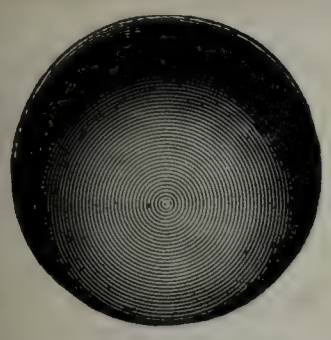

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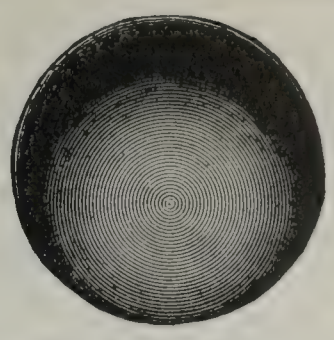

Wamsco steel balls are manufactured from the highest grades of chrome alloy steel and high duty carbon steel. Care and precision mark each step in the work. Our processes yield steel balls whose surface is highly polished and exceedingly hard; a small central area of the greatest toughness imparts

High Elastic limit
Resistance to load and strain
Durability under wear

Metal Specialty Mfg. Company — Waterbury, Connecticut, U. S. A.

Pressed Steel Mfg. Co., Land Title bldg, Phila., Pa.
Probst C. F. Mfg. Co. (Burnishing), Waterbury, Conn.
Reed & Prince Mfg. Co. (Burnishing), Worcester, Mass.
R.-I.-V. Co. ("R.-I.-V.-Hoffman," All Sizes), 1765 B'way, New York
Schatz Mfg. Co. (Solid and Hollow Pressed Steel), Poughkeepsie, N. Y.
STANDARD ROLLER BEARING CO., 50th & Lancaster av, Phila., Pa.
Tioga Steel & Iron Co., Phila., Pa.
Transue & Williams Steel Forging Corp. (From 2 inches up in Rough), Alliance, O.
Western Tool & Forge Co. (Forged), Brackenridge, Pa.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.

475—*Balls (Steel, for Polishing & Burnishing)

ABBOTT BALL CO. ("Abbott"), Elmwood Station, Hartford, Conn.
See adv index at end of book
EXCELSIOR STEEL BALL CO., P. O. Box 52, Buffalo, N. Y.
See adv index at end of book
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
METAL SPECIALTY MFG. CO., Waterbury, Conn.
See adv index at end of book
Probst C. F. Mfg. Co., Waterbury, Conn.

476— Balls (Tank)

Canfield H. O. Co. ("Canfield" Rubber), Bridgeport, Conn.
See also Floats, Tank
Good Mfg. Co. (Rubber), 305 E 134th, New York
Goodrich B. F. Co. ("Pinnacle" Rubber), Akron, O.
Mechanical Rubber Co. ("Meruco"), ft Lisbon rd, S E, Cleveland, O.
Norwalk Mfg. Co. (Rubber), E Norwalk, Conn.
Schacht Rubber Mfg. Co. (Rubber), Huntington, Ind.

477— Balls (Tea)

Aluminum Goods Mfg. Co. (Aluminum), Manitowoc, Wis.
Cassady Fairbank Mfg. Co. (Aluminum), 6126 S La Salle, Chicago, Ill.
Hamblin & Russell Mfg. Co. (Wire), Worcester, Mass.
Parker Wire Goods Co. (Wire), Worcester, Mass.
Standard Aluminum Co. (Aluminum), Two Rivers, Wis.
Woods-Sherwood Co. ("Sherwood's"), Worcester, Mass.

478— Balls (Tennis)

Goodrich B. F. Co. ("Goodrich"), Akron, O.
McLoughlin, Bundy & Sinsbaugh, Haas bldg, Los Angeles, Cal .
Pennsylvania Rubber Co. (Hand-Made Championship), Jeannette, Pa.
Seamless Rubber Co. ("Maderite"), New Haven, Conn.
Wright & Ditson, 344 Washington, Boston, Mass.

479— *Balls (Tin)

ABBOTT BALL CO. ("Abbott" For Bottle Stoppers), Elmwood Station, Hartford, Conn. *See adv index at end of book*

480— Balls (Tumbling Barrel)

ABBOTT BALL CO. ("Abbott"), Elmwood Station, Hartford, Conn.
See adv index at end of book
EXCELSIOR STEEL BALL CO., P. O. Box 52, Buffalo, N. Y.
See adv index at end of book
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Grammes L. F. & Sons, Allentown, Pa.
Jones Ball Co., Arlington Heights, Mass.
METAL SPECIALTY MFG. CO., Waterbury, Conn.
See adv index at end of book
Probst C. F. Mfg. Co., Waterbury, Conn.

481— *Balls (Vacuum Cleaner)

EXCELSIOR STEEL BALL CO. (Steel), P. O. Box 52, Buffalo, N. Y.
See adv index at end of book

482— *Balls (Valve)

EXCELSIOR STEEL BALL CO. (Steel, Brass & Bronze), P. O. Box 52, Buffalo, N. Y. *See adv index at end of book*

483— Balls (Wood)

American Enamel Co. (Plain & Enameled), Neville, Providence, R. I.
American Sash & Door Co. (Wholesale Mfrs.), Kansas City, Mo.
Bogert & Hopper, 67 Barclay, New York
Carr, Ryder & Adams Co., Dubuque, Iowa
ESTES E. B. & SONS (All Kinds, for All Purposes, Plain or Enameled), 364 5th av, New York
See adv index at end of book
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Frary Mfg. Co., Charlemont, Mass.
Huttig Mill Wk. Co., Independence & White, Kansas City, Mo.
Hyde-Murphy Co., Ridgway, Pa.
McMillan's W. H. Sons (Ten Pin), 153 South, New York
Novelty Turning Co., Norway, Me.
Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book
Peirce W. E. & Co., Milford, N. H.
Rowe Henry Mfg. Co., Newaygo, Mich.
Standard Turning Works, Cambridge, Mass
Stephenson Mfg. Co., South Bend, Ind.

484— Balls (Zinc)

EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Metal Specialty Mfg. Co. Inc., Waterbury, Conn.
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.

485— Balusters

American Sash & Door Co., Kansas City, Mo.
Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
TYLER W. S. CO. (Iron & Bronze), Cleveland, O. *See adv index at end of book*

485a— *Balustrades & Railings

GORHAM CO. ARCHITECTURAL BRONZE, 5th av & 36th, New York
See adv index at end of book
Tyler W. S. Co. (Iron & Bronze), Cleveland, O. *See adv index at end of book*

486— Bamboo

Demarest Chas. H. (Imp.), 150 Water, New York
Husselrath Importing Co. (Imp.), 37 Liberty, New York

486a— *Banana Liquids

Du Pont Chemical Works, 120 B'way, New York

486b—*Band Iron (Soft Annealed)

CARY MFG. CO., Nassau & Jay, Brooklyn, N. Y. *See adv index at end of book*

Bandages (Surgical, Cotton)

See Gauze, Surgical

487—Bandages (Surgical, Rubber)

Ajax Rubber Co., 1796 B'way, New York
Bailey C. J. & Co., 22 Boylston, Boston, Mass.
Davidson Rubber Co., Boston, Mass.
Davol Rubber Co., 69 Point, Providence, R. I.
Goodrich B. F. Co., Akron, O.
Hodgman Rubber Co., 8 W 40th, New York
Miller Rubber Co., Akron, O.
Myers Mfg. Co., Fremont, O.
National India Rubber Co., Bristol, R. I.
Parker, Stearns & Co., 286 Sheffield av, Brooklyn, N. Y.
Raley Rubber Co., New Haven, Conn.
Seamless Rubber Co., New Haven, Conn.
Star Rubber Co., Akron, O.
Tyer Rubber Co., Andover, Mass.
Whitall Tatum Co., 410 Race, Phila., Pa.

488— Banding (Braided)

See also Banding, Cotton
Covel & Osborn Co., Fall River, Mass.
Frost, Geo. T. & Sons, Paterson, N. J.
Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
Holden James, Fall River, Mass.
Hooper Sons Mfg. Co., Juniper & Cherry, Phila., Pa.
Lambeth Rope Corp., New Bedford, Mass.
Mallison Braided Cord Co., Athens, Ga.
Moore C. & Co., 5th & Market, Phila., Pa.
Small Bros. Fall River, Mass.
Speed & Stephenson ("Wm. Haighe's"), 170 Summer, Boston, Mass.
Standard Braid Co., Attleboro Falls, Mass.
Toohey M. J. & Co., Fall River, Mass.
Whittier Mills Co., Chattahoochee, Ga.
Young John B. J. & Levick, Phila., Pa.

489— Banding (Cotton)

See also Banding, Braided

Am. Supply Co., 135 Washington, Providence, R. I.
Beebe Cordage Co., Rockaway, N. J.
Bibb Mfg. Co., Macon, Ga.
Buffalo Weaving & Belting Co., Buffalo, N. Y.
Chase F. A. & Co., 253 W Exchange, Providence, R. I.
Cohankus Mfg. Co., Paducah, Ky.
Covel & Osborn Co., Fall River, Mass.
Elder Jas., 230 W Coulter, Germantown, Phila., Pa.
Goss Bros., Fall River, Mass.
Hodson John M., Markle & Boone, Phila., Pa.
Hoffman-Corr Mfg. Co., 312 Market, Philadelphia, Pa.
Holden James, Fall River, Mass.
Hooper Sons Mfg. Co., Juniper & Cherry, Phila., Pa.
Hooper Wm. E. & Sons Co., Maryland Life bldg, Baltimore, Md.
International Braid Co., 47 Charles, Providence, R. I.
Lees Mfg. Co., Westport, Conn.
Mount Pleasant Banding Co. (Twisted), New Bedford, Mass.
Russell Mfg. Co., Middletown, Conn.
Small Bros., Fall River, Mass.
Standard Braid Co., Attleboro Falls, Mass.
Tennessee Line & Twine Co., Elizabethton, Tenn.
Toohey M. J. & Co., Fall River, Mass.
Unity Cotton Mills, La Grange, Ga.
Young John B. J. & Levick, Phila., Pa.

490— Bands (Boom)

Wilcox, Crittenden & Co. (Adjustable Goose Neck, etc), Middletown, Conn.

490a—*Bands (Box and Bale)

TWISTED WIRE & STEEL CO., 437 11th av, New York

491— Bands (Brake)

BOSSERT CORP. (THE), Utica, N. Y.
Columbia Steel Co., Elyria, O.
Continental Fibre Co. (Fibre), Newark Centre, Del.
Cramp Wm. & Sons, Ship & Engine Building Co., Beach & Ball, Phila., Pa.
Crosby Co., 183 Pratt, Buffalo, N. Y.
Detroit Pressed Steel Co., Detroit, Mich.
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Hill-Smith Metal Goods Co., 88 Pearl, Boston, Mass.
Kales-Haskel Co., 443 Lafayette W, Detroit, Mich.
National Fibre & Insulation Co., Yorklyn, Del.
Neustadt Auto & Supply Co., 3200 Locust, St. Louis, Mo.
Reliance Engineering Co., Lansing, Mich.
Royal Equipment Co. ("Raybestos," "Duplex"), Bridgeport, Conn.
Royal Fibre Co., West Somerville, Mass.
STANDARD PARTS CO., Cleveland, O.
See adv index at end of book
West Leechburg Steel Co., Farmers Bank bldg, Pittsburgh, Pa.

492— Bands (Brass)

Waterbury Brass Goods Corporation (Fancy & Perforated), Waterbury, Conn.

493— Bands (Brush)

Lothrop F. B. Co., South Acton, Mass.

Bands (Hose)

See Clamps, Hose

494— Bands (Hub & Rim)

Eastern Malleable Iron Co. ("Warner," "Locke & Jewel," "Rouse," "Kenny," "Dietz," "Sweet's Concealed," etc), Naugatuck, Conn.
Meeker Mfg. Co., Dayton, O.
Searls Mfg. Co., 29 Mulberry, Newark, N. J.

495— Bands (Kiln)

Arnold-Creager Co., New London, O.
Tecktonius E. C. Mfg. Co., Racine, Wis.

496— Bands (Machine)

Ashland Mfg. Co., W. 43d & S. Hermitage av, Chicago, Ill.

497— *Bands (Metal Bale)

CARY MFG. CO., Nassau & Jay, Brooklyn, N. Y. *See adv index at end of book*

Bands (Neck Yoke)

See Irons, Neck Yoke

498— Bands (Pipe & Tank)

American Bridge Co., 30 Church, New York
American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Ballard Drop Forge Co. (Steel), Seattle, Wash.
Bettcher Mfg. Co., 6120 Clark av S W, Cleveland, O.
Cambria Steel Co., Widener bldg., Phila., Pa.
Central Foundry Co. (For Cast Iron Pipe), 90 West, New York
Colorado Fuel & Iron Co., Denver, Col.
Franklin Pipe & Foundry Co., 2438 S Paulina, Chicago, Ill.
Illinois Steel Co., 208 S La Salle, Chicago, Ill.

499— Bands (Polishing)

Besly Chas. H. & Co. ("Besly"), 120 N Clinton, Chicago, Ill.
Gardner Machine Co. ("Gardner"), S Beloit Div, Beloit, Wis.

499a— Bands Projectile

Standard Parts Co., Cleveland, O.
See adv index at end of book

500— Bands (Rubber)

American Lead Pencil Co., 220 5th av, New York
Davol Rubber Co., 69 Point, Providence, R. I.
Easthampton Rubber Thread Co. (Para Rubber), Easthampton, Mass.
Empire Tire & Rubber Corp., East Trenton, N. J.
Faber A. W., 41 Dickerson, Newark, N. J.
Faber Eberhard Pencil Co., 37 Greenpoint av, Brooklyn, N. Y.
Goodrich B. F. Co. (For All Uses), Akron, O.
Goodyear Tire & Rubber Co., Akron, O.
Hodgman Rubber Co., 8 W 40th, New York
National India Rubber Co., Bristol, R. I.
Parker, Stearns & Co. ("Alpha"), 286 Sheffield av, Brooklyn, N. Y.
Quaker City Rubber Co., 629 Market, Phila., Pa.
Tyer Rubber Co. ("Ajax"), Andover, Mass.

501— Bands (Sand & Mud)

Concord Axle Co. ("Farris"), Penacook, N. H.
Trenton Malleable Iron Co., Trenton, N. J.

502—Bands (Shingle, Box & Shook)

See also Box Straps

Acme Steel Goods Co. (Also Bale), 2834 Archer av, Chicago, Ill.
DE HAVEN MFG. CO., 50 Columbia Heights, Brooklyn, N. Y.
Hollow Cable Mfg. Co. ("Preston's" Patent Braided Wire Box), Hornell, N. Y.
Paton J. & Co. (Iron & Steel), Cleveland, O.

503— Bank Fixtures

See Bank & Office Fixtures, Metallic; also Store & Bar Fixtures

504— Bank Vaults

American Safe & Lock Co., Anderson, Ind.
Barnes Safe & Lock Co., 941 Liberty, Pittsburgh, Pa.
Baum J. Safe & Lock Co., 617 E Front, Cincinnati, O.
Cary Safe Co., Buffalo, N. Y.
Diebold Safe & Lock Co., Canton, O.
Gross-Feibel Co., Hillsboro, O.
HALL'S SAFE CO., 3253 Spring Grove av, Cincinnati, O.
See adv index at end of book
Harrigan Safe Co., Kansas City, Mo.
Herring-Hall-Marvin Safe Co., Hamilton, O.
Jackson Wm. H. Company, 2-4-6 W 47th, New York
Manganese Steel Safe Co. ("Tisco" Manganese Steel), High Bridge, N. J.
Miller Safe Co., Fremont av & Briscoe, Baltimore, Md.
Mills Wm. J., 25 Bainbridge, Brooklyn, N. Y.
Mosler Safe Co., Hamilton, O.
National Safe & Lock Co., Cleveland, O.
Remington & Sherman Co., 359 B'way, New York
Schwab Safe Co., Lafayette, Ind.
Stewart Iron Works Co., Covington, Ky.
Trumbull Safe & Vault Co., 77 W Lake, Chicago, Ill.
Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.
Victor Safe & Lock Co. (Manganese Steel), Cleneay av & N. & W. Belt Line, Norwood, Cincinnati, O.
Waltz Safe & Lock Co., 233 California, San Francisco, Cal.
Western Iron Works, 141 Beale, San Francisco, Cal.
York Safe & Lock Co., York, Pa.

505—Bank & Office Fixtures (Metallic)

Art Metal Construction Co., Jamestown, N. Y.
Art Metal Products Co., 514 S Green, Chicago, Ill.
Berger Mfg. Co., Canton, O.
Canton Art Metal Co., Canton, O.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Edwards O. M. Co., Syracuse, N. Y.
Ellison Brass Mfg. Co. (Brass & Bronze), Jamestown, N. Y.
Fire-Proof Furniture & Construction Co., Miamisburg, O.
General Fireproofing Co. ("Allsteel"), 3680 Logan av, Youngstown, O.
Invincible Metal Furn. Co., Manitowoc, Wis.
INTERIOR METAL MFG. CO., Jamestown, N. Y. *See adv index at end of book*
Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
Library Bureau, 43 Federal, Boston, Mass.
NEWMAN MFG. CO., 717 Sycamore, Cincinnati, O, 68 W Washington, Chicago, Ill. *See adv index at end of book*
Revell A. H. & Co., 141 S Wabash av, Chicago, Ill.
Stiffel & Freeman Co., Lititz, Pa.
Steel Fixture Mfg. Co., Topeka, Kan.
Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.
Watson Mfg. Co., Jamestown, N. Y.

506— Bank & Office Railings

See also Bank & Office Fixtures, Metallic
See also Fixtures, Bank, Office & Store

Hughes W. R. & Co., 42nd St. bldg, New York

CALIFORNIA.

LOS ANGELES—Biescar Bros.
Jones Jas. Co.
Niederer J. Co.
SAN FRANCISCO—California Artistic Metals & Wire Co., 349 7th
DAHLSTROM METALLIC DOOR CO., 35 Blackstone av, Jamestown, N. Y. (West M. G. Co., Agents), 353 Market. *See adv index at end of book*
Garratt W. T. & Co., 299 Fremont
Graff A. & Sons (Brass), 39 Shipley, San Francisco, Cal.
Kehoe Display Fixture Co., 541 Market, San Francisco, Cal.
Ralston Iron Works, 20th & Indiana
Rudgar-Merle Co., 198 Bay
Sperry Wire & Iron Works, 178 Oak
West Coast Wire & Iron Works, 861 Howard

COLORADO.

COLORADO SPRINGS—Hassell Iron Works Co.
DENVER — **DAHLSTROM METALLIC DOOR CO.,** 35 Blackstone av, Jamestown, N. Y. (Patterson Chas. L. Co., Agents), 1721 Stout
See adv index at end of book
Grauman L. Fixture Co.
Jackson-Richter Iron Works Co.
Pioneer Iron & Wire Works Co.
Verdeckberg Iron & Wire Works Co.

CONNECTICUT.

BRIDGEPORT—Barnes T. M.
HARTFORD—Howard James L. & Co.
MERIDEN—Bradley & Hubbard Mfg. Co.
NEW HAVEN—Smith Edw. F.
Smith John P. & Co.
PLAINVILLE—Elm City Brass & Rivet Co.
SOUTHPORT—Jelliff C. O. Mfg. Corp.

GEORGIA.

Muller Geo. W. Bank Fixture Co.
Southern Wire & Iron Works

ILLINOIS.

CHICAGO—American Iron & Wire Works, 1622 Carroll av
Baldwin Brass Works, 411 S Clinton
Barbee Wire & Iron Works, 170 N Dearborn
Brasco Mfg. Co., 1451 S Michigan av
Central Architectural Iron Works 53 W Jackson blvd
Coleman Adelbert E., 336 W 37th
Columbia Wire & Iron Works, 1933 W Lake
DAHLSTROM METALLIC DOOR CO., 1342 Monadnock blk
See adv index at end of book
Deschauer Wire & Iron Works, 2009 Larrabee
HANKE IRON & WIRE WORKS, 800 No Albany av
See adv index at end of book
Heath-Johnson Co., 300 W Ontario
Hester Mfg. Co., 1455 S Michigan av
Hickey M. H., 36 W Randolph
Imperial Brass Mfg. Co. (Brass), 524 S Racine av
See adv index at end of book
Newman Mfg. Co., 68 W Washington
See adv index at end of book
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av
See adv index at end of book
STANDARD-TYLER CO., 2436 W 15th
Sullivan-Korber Co., 2437 W 21st pl
United Ornamental Iron Works, 189 W Madison
Voss Fred'k, 1852 Austin av
Western Ach'l Iron Co., 211 W Schiller
Winslow Bros. Co. (Iron, Brass & Bronze), 4600 Harrison
QUINCY—Van Doorn Co.
ROCKFORD—Andrews Wire & Iron Wks
SYCAMORE—Turner Brass Works
WAUKEGAN—Cyclone Fence Co.

INDIANA.

EVANSVILLE—International Steel & Iron Co. (Wire & Iron)
Mesker Geo. L. & Co. (Wire & Iron)
INDIANAPOLIS—**DAHLSTROM METALLIC DOOR CO.** (Vonnegut Hardware Co., Agents)
See adv index at end of book
Geiger & Peters
Langsenkamp E. H.
Melaun Ernest
Roch Tobias
KOKOMO—Kokomo Steel & Wire Co. (Wire & Iron)
LAFAYETTE—Barbee Wire & Iron Works
TERRE HAUTE—Up-to-Date Mfg. Co.

IOWA.

DUBUQUE—Trenk Wire Works

KANSAS.

TOPEKA—Capital Iron Works Co.
WICHITA—Christopher Geo. C. & Son

KENTUCKY.

LOUISVILLE—Champion Wire & Iron Works
Dow Wire & Iron Works
Imperial Wire & Iron Works

MAINE.

PORTLAND—Megquier & Jones Co.

MARYLAND.

BALTIMORE—Balderston H. & Son, 319 Pearl
Chesapeake Iron Works, Westport
Dufur, Baggott & Co., 225 W Saratoga
Dufur & Co., 311 N Howard
Enterprise Wire & Iron Works, 1524 N Regester
Jones L. E., 321 N Calvert
Meiser H. & Son, 204 Clay
Stidman & Co., 616 E Fayette

MASSACHUSETTS.

BOSTON—Bassill Louis Co., 100 Utica
Boston Nickel Plating Co. (Brass), 160 Portland
DAHLSTROM METALLIC DOOR CO. (W. J. Grosvenor & Co., Agents), 8 Beacon
See adv index at end of book
Hub Wire Cloth & Wire Work Co., 108 Portland
McGANN, THOS. F. & SONS CO., 117 Portland
See adv index at end of book
Morss & Whyte Co., Sidney & Pilgrim
Nelson Bros., 62½ Thayer
Scrannage Bros. (Brass), 77 Travers
Whyte Oliver & Co., 21 Cornhill
GLOUCESTER—Success Mfg. Co.
SPRINGFIELD—Bigelow Cheney Wire Works
WORCESTER—**WRIGHT WIRE CO.**
See adv index at end of book

MICHIGAN.

DETROIT—Acme Fancy Wire Works, Art Brass & Wire Works, Forest & Ellery
Barnum E. T. Wire & Iron Works, 864 Woodward
Bolles J. E. Iron & Wire Works, 4th & Porter
DAHLSTROM METALLIC DOOR CO., 35 Blackstone, Jamestown, N. Y. 2302 Dime Savings Bank bldg
See adv index at end of book
De Croupet Iron Works, 345 Monroe av
Detroit Arch'l Iron Works Co.
Detroit Wire & Iron Works, 1160 Jefferson av E
Inglis Wm., Wire & Iron Works, 61 Woodbridge
Phoenix Wire Works
Seiferlein & Malleis
Vulcan Co., 11 Raynor
GRAND RAPIDS—Grand Rapids Ornamental Iron & Wire Works
Metal Office Furn. Co.
Weatherly Co. (Brass & Iron)

MINNESOTA.

MINNEAPOLIS—Builders Iron Works Co., 1815 University av
Crown Iron Works Co., 1229 Tyler
Flour City Ornamental Iron Works, 27th & 27th av
Kienzle-Merrick Mfg. Co., 1214 S 3d
Minneapolis Ornamental Iron Co., 143 27th av S E
Twentieth Century Brass Works, 514 5th av S
ST. PAUL—Herzog Iron Works
Twin City Iron & Wire Works, 25 W Water

MISSOURI.

KANSAS CITY—Central Brass Works Co., Goodrich & Central
Kansas City Wire & Iron Works
Kleeman L. F. Mfg. Co., 1923 Central
Loewer John E. Wire & Iron Works Co., 914 Campbell
Southwest Wire & Iron Works Co.
Star Brass Works Co.
Tilk Frank Ornamental Iron Works Co., 211 W 19th
ST. JOSEPH—Voltz Mfg. Co., 914 Penn.
ST. LOUIS—Kraushaar Brass Mfg. Co., 919 Pine
Lasar Ornamental Iron Co., 16th & O'Fallon
St. Louis Brass Mfg. Co., Jefferson & Washington av
St. Louis Wire & Iron Co., 926 Chouteau av

MONTANA.

HELENA — **DAHLSTROM METALLIC DOOR CO.,** 35 Blackstone, Jamestown, N. Y. (Mahan & Grant, Agents), 32 W 6th av
See adv index at end of book

NEBRASKA.

OMAHA—Champion Iron & Wire Works
Hlavka Jno.

NEW JERSEY.

NEWARK—Gould's M. Son & Co. (Brass & Bronze), 115 Lafayette
Industrial Wire & Metal Works, 95 High
Riley-Klotz Mfg. Co., 17 Mulberry (Square Tubing)
Storsberg Fritz Co., 20 Atlantic

NEW YORK.

BINGHAMTON—Titchener E. H. & Co.
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Buffalo Wire Works Co., 453 Terrace
Sanford Thomas F., 84 B'way
Zero Valve & Brass Mfg. Co. (Brass Only)
JAMESTOWN—Art Metal Construction Co.
DAHLSTROM METALLIC DOOR CO., 35 Blackstone av
See adv index at end of book
Ellison Brass Mfg. Co. (Brass & Bronze)

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—American Brass Fixture Works (Brass & Bronze), 66 Greenpoint av
Grosback Wm. & Co., 37 Maspeth av
Hecla Iron Works (Iron, Brass & Bronze), 118 N 11th
Mills W. J., 25 Bainbridge
Penn. Brass & Bronze Works (Brass, Bronze, etc), 111 Dobbin

Boroughs of Manhattan and Bronx.

NEW YORK—**ANCHOR POST IRON WORKS,** 167 B'way
For branch offices see Alphabetical Section
Bataille, Achille & Co., 587 Hudson
Brinkerhoff's J. P. Sons, 57 Dey
Cabaret Paul E. & Co. (Bronze), 126 11th av
Chapman Wm. O. Co., 30 Church
Coco Bros., 13 Baxter
DAHLSTROM METALLIC DOOR CO., 130 E 15th
See adv index at end of book
Empire Brass & Metal Works, 29 W 34th
Estey Wire Works Co., 34 Cliff
See adv index at end of book
Fiske J. W. Iron Works, 80 Park pl
GORHAM CO. ARCH'L BRONZE, 5th av & 36th; Works: Providence, R. I. *See adv index at end of book*
Guerin P. E. (Inc.), 21 Jane
Henry-Bonnard Bronze Co. (Bronze & Ornamental Iron & Brass), 20 Exchange pl
Hopkins & Co., 199 Franklin
Howard & Morse, 46 Fulton
Hughes-Evans Co., Inc., 30 E 42nd, New York
Hughes W. R. & Co., 42d St. bldg
Hungerford U. T. Brass & Copper Co. (Of all Descriptions), 80 Lafayette
Jackson Wm. H. Company (Bank Counter Screens a Specialty), 2 W 47th
Janusch Mfg. Co. (Brass & Bronze), 496 E 134th
Manhattan Brass Co., 332 E 28th
New York Brass & Wire Works Co., 177 Grand
PITT WM. R. COMPOSITE IRON WORKS, 221 W 26th
See adv index at end of book
Stolp Oscar, 20 Fletcher
Thompson Hervey, 233 B'way
Tiffany Studios, 361 Madison av
TYLER W. S. CO. (of Cleveland, O.), 200 5th av
See adv index at end of book

NEW YORK—New York—continued
Wells Architectural Iron Co., River av & 151st
Williams George A. & Son, 85 Fulton
Williams John, Inc., 556 W 27th

Borough of Queens.

ASTORIA—Federal Brass & Bronze Co., Ridge
MASPETH—Richey, Brown & Donald, Flushing av

(End of New York City)

NORWICH—Norwich Wire Works
ROCHESTER—Snow Wire Works Co.
White Wire Works Co.
SYRACUSE—Edwards O. M. Co.
Smith & Caffrey Co.
Syracuse Wire Wk., 101 University av, New York

OHIO.

AKRON—Ornamental Iron Works Co.
CANTON—Columbia Iron & Wire Works Co.
CINCINNATI—Cincinnati Mfg. Co.
See adv index at end of book
DAHLSTROM METALLIC DOOR CO., 35 Blackstone, Jamestown, N. Y. (Pursell-Grand Co., Agents), Mercantile Libr bldg
See adv index at end of book
Kamman Walter, 3258 Spring Grove av
Kinsley John R., 115 E 6th
NEWMAN MFG. CO., 717 Sycamore, 68 W Washington, Chicago, Ill.
See adv index at end of book
Schreiber L. & Sons Co., 3869 Ivanhoe
CLEVELAND—Cleveland Art Metal Co., 3620 Superior
DAHLSTROM METALLIC DOOR CO., 35 Blackstone, Jamestown, N. Y. Cleveland Fireproofing Equipment Co., Agents), 725 New Guardian bldg
See adv index at end of book
Sheer Bros. Fence & Iron Co., 715 E 103rd
TYLER W. S. CO. (Bronze)
See adv index at end of book
Van Dorn Iron Works Co., 2700 E 79th
COLUMBUS—Columbus Brass Co. (Brass & Bronze), 538 Dublin av
See adv index at end of book
Columbus Wire & Iron Works Co.
Ohio Elevator & Machine Co.
DAYTON—Plocher Andrew Sons Co.
HAMILTON—**MEYERS FRED J. MFG. CO.** *See adv index at end of book*
SPRINGFIELD—Bayley Wm. Co.
TOLEDO—Milmine H. B. & Co.
Toledo Wire & Iron Works

OKLAHOMA.

OKLAHOMA CITY—**DAHLSTROM METALLIC DOOR CO.** (John Russ Co., Agents), 1108 Colcord bldg
See adv index at end of book

OREGON.

PORTLAND—Portland Wire & Iron Works
Tuerck I. K.

PENNSYLVANIA.

PHILADELPHIA—Biggin Chas. P. Co., 1829 Harlan
DAHLSTROM METALLIC DOOR CO., 35 Blackstone, Jamestown, N. Y. (Cooper & Lucas Agents), 835 Real Estate Trust bldg
See adv index at end of book
Darby Edw. & Sons Co., 239 Arch
Gensel Frederick & Co., 911 Vine
Giese Mfg. Co., 260 S 5th
Halstead & Co., 1129 Cherry
Midland Metal Co. (Inc.), 21st & Jefferson
Nacke A. & Son, 236 S 9th
Pettit Frank Ornamental Iron Works, 809 Master
PITTSBURGH—**DAHLSTROM METALLIC DOOR CO.,** 35 Blackstone, Jamestown, N. Y. (Simons, Brittain & English, Agents), 1703-4 Oliver bldg
See adv index at end of book
McKenna Brass & Mfg. Co., Inc. (Brass & Bronze), 1st av & Ross
Pittsburgh Brass Mfg. Co.
Sommerville Iron & Bronze Co., 5641 Butler
Taylor & Dean, Penn av & 25th
READING—Remppis W. F. Iron Works, 226 Spruce
SCRANTON—American Safety Lamp & Mine Supply Co.

RHODE ISLAND.

PROVIDENCE—Blaisdell S. S. Machine Co. (Brass), 228 Aborn
What Cheer Wire Works, 157 Dorrance

TENNESSEE.

CHATTANOOGA—Standard Iron & Wire Wks.

TEXAS.

DALLAS — **DAHLSTROM METALLIC DOOR CO.,** 35 Blackstone, Jamestown, N. Y. (Gilbert Mfg. Co., Agents), 304 Scollard bldg
See adv index at end of book
HOUSTON—Berger A. A. & Co.

UTAH.

SALT LAKE CITY—Crager Wire & Iron Works
DAHLSTROM METALLIC DOOR CO., 35 Blackstone, Jamestown, N. Y. (Manufacturers Specialties Co., Agents), 418 Boston bldg
See adv index at end of book
Salt Lake Wire & Iron Works

VIRGINIA.

NORFOLK—Norfolk Iron & Wire Works, (Inc.)
RICHMOND—Richmond Structural Steel Co.

WASHINGTON.

SEATTLE—**DAHLSTROM METALLIC DOOR CO.,** 35 Blackstone, Jamestown, N. Y. (Camp-Te Roller, Agents), 530 Colman bldg
See adv index at end of book
Pacific Ornamental Iron Co.
SPOKANE—Spokane Ornamental Iron & Wire Works

WEST VIRGINIA.

HUNTINGTON—Huntington Iron Wks
WHEELING—Harris P. S.

WISCONSIN.

MILWAUKEE—Globe Wire & Iron Works, Atkinson av
Hennecke C. Co., 1353 N Pierce
Loeffelholz & Co., 170 Clinton
Wisconsin Iron & Wire Works

507— Banks (Savings)

American Badge Co. (Toy), 141 W Austin av, Chicago, Ill.
Arcade Mfg. Co., Freeport, Ill.
Boston Pressed Metal Co. (Also Household Banks), 169 Union, Worcester, Mass.
Burns W. F. Co., 38 S Dearborn, Chicago, Ill.
Cassady Fairbank Mfg. Co. (Toys), 6126 S La Salle, Chicago, Ill.
Champion Hardware Co., Geneva, O.
Dent Hardware Co., Fullerton, Pa.
Durable Toy & Novelty Co., 44 Union sq, New York
Estes E. B. & Sons (Toy, etc.), 364 5th av New York *See adv index at end of book*
Grey Iron Casting Co. (Iron Toy), Mt. Joy, Pa.
Haeusermann Metal Mfg. Co. (4-coin Registering), 3114 3rd av, New York
Hubley Mfg. Co., Lancaster, Pa.
Ideal Mfg. Co., Franklin & Dubois, Detroit, Mich.
Ives Mfg. Corp., Bridgeport, Conn.
Kenton Hardware Co. (Iron & Steel), Kenton, O.
Nicol & Co. ("White City"), 218 N Jefferson, Chicago, Ill.
Novitas Sales Co., Waltham, Mass.
Sager Lock Co. ("Harper"), North Chicago, Ill.
Williams A. C. Co., Ravenna, O.

508— Bar Bell

Sperry D. R. & Co. (Adjustable), Batavia, Ill.

509— *Bar Brass or Bronze

AMERICAN BRASS CO., Waterbury, Conn.
See adv index & branch offices at end of book

Bar Iron or Steel

See Iron Bar Mills; also Steel Bar Mills

511— Barge Builders

See also Ship Builders

American Bridge Co. (Steel), 30 Church, New York
American Car & Foundry Co. (Steel & Wooden), Syndicate Trust bldg, St. Louis, Mo.
American Steel Dredge Co. (Steel), Ft. Wayne, Ind.
Carroll-Porter Boiler & Tank Co. (Steel), Empire bldg, Pittsburgh, Pa.
CHICAGO BRIDGE & IRON WORKS (Steel), 1319 W 105, Chicago, Ill.
See adv index at end of book
Coastwise Ship Bldg Co. (Wood), ft. of Andre, Baltimore, Md.
Cramp Wm. & Sons Ship & Engine Building Co. (Steel), Beach & Ball, Philadelphia, Pa.
Dubuque Boat & Boiler Works (Steel & Wooden), Dubuque, Ia.
Ferguson Steel & Iron Co. Inc., Buffalo, N. Y.
Harlan & Hollingsworth Corporation (Steel), ft of West, Wilmington, Del.
Interocean Barge & Transport Co. (concrete), Seattle, Wash.
Manitowoc Ship Building Co., Manitowoc, Wis.
Maritime Engineering Corp. (concrete), 50 E 42nd, New York
McLean Contracting Co., ft. E. Fort av, Baltimore, Md.
Newport News Ship Building & Dry Dock Co. (Steel), Newport News, Va.
PITTSBURGH-DES MOINES STEEL CO. (Steel), 4th & Ross, Pittsburgh, Pa.
See adv index & branch offices at end of book
San Francisco Shipbuilding Co. (concrete), 310 California, San Francisco, Cal.
Southern Boiler & Tank Works (Steel), Memphis, Tenn.
Union Iron Works Co. (Steel), 20th & Michigan, San Francisco, Cal.
Woodall Wm. E. & Co., ft. of Woodall, Baltimore, Md.

512— Barium

Durex Chemical Corp., 320 5th av, New York
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
Harshaw, Fuller & Goodwin Co. (Carbonate, Precipitated), Cleveland, New York & Philadelphia
McKesson & Robbins (Imp), 91 Fulton, New York
Port Morris Chemical Wks, 141st & Locust av, New York
Roessler & Hasslacher Chemical Co. (Nitrate), 100 William, New York
Wiarda John C. & Co. (Carbonate, Fluoride & Sulphate), 273 Greene, Brooklyn, N. Y.

CLINCHFIELD PRODUCTS CORPORATION

120 BROADWAY, NEW YORK

Works: Johnson City, Tenn. **Erwin, Tenn.**

MANUFACTURERS OF

Barium Carbonate
Barium Chloride
Barium Sulphate
(Blanc Fixe)

Sodium Sulphide
(Double & Single Strength)
Barium Sulphide

Glauber's Salt
Muriatic Acid
Salt Cake

Miners and Grinders of Superior Feldspar

INQUIRIES SOLICITED

512a— Barium Carbonate

Chicago Copper & Chemical Co., Western Union bldg, Chicago, Ill.
CLINCHFIELD PRODUCTS CORP., 120 B'way, New York
See adv index at end of book
Doggett Stanley, 11 Cliff, New York
Durex Chemical Corp., 320 5th av, New York
Gabriel & Schall (Pure Precipitated), 205 Pearl, New York
Innes, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Katzenbach & Bullock Co. (Imp.), Trenton, N. J.
Klipstein A. & Co. (Imp.), 644 Greenwich, New York
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York
Port Morris Chemical Wks., 141st & Locust av, New York
Roessler & Hasslacher Chemical Co., 100 William, New York

513— Barium Chloride

Block Chemical Wks, Berkeley Hts., Newark, N. J.
Chicago Copper & Chemical Co., Western Union bldg, Chicago, Ill.
CLINCHFIELD PRODUCTS CORP., 120 B'way, New York
See adv index at end of book
Durex Chemical Corp., 320 5th av, New York
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Katzenbach & Bullock Co., 100 William, New York
Klipstein A. & Co. (Imp), 644 Greenwich, New York
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York
Port Morris Chemical Wks, 141st st & Locust av, New York
Roessler & Hasslacher Chemical Co., 100 William, New York

514— Barium Cyanide

Hachmeister-Lind Chemical Co. "Sustanol," Pittsburgh, Pa.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.

514a— Barium Fluoride

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

515— Barium Hydrate

Chicago Copper & Chemical Co. (Barium Hydrate or Hydrate of Barytes), Western Union bldg, Chicago, Ill.
Durex Chemical Corp., 320 5th av, New York
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Roessler & Hasslacher Chemical Co., 100 William, New York

516— Barium Nitrate

Bischoff C. & Co. (Imp), 451 Washington, New York
Block Chemical Wks, Berkeley Hts., Newark, N. J.
Chicago Copper & Chemical Co., Western Union bldg, Chicago, Ill.
Durex Chemical Corp., 320 5th av, New York
Farmingdale Chemical Wks, Inc., Farmingdale, L. I., N. Y.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Marden, Orth & Hastings Co., 61 B'way, New York.
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York
Port Morris Chemical Works, 141st & Locust av, New York

517— Barium Peroxide

Bischoff C & Co. (Imp), 451 Washington, New York
Katzenbach & Bullock Co., 100 William, New York
Klipstein A. & Co. (Imp), 644 Greenwich, New York
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York

518— Barium Sulphate

Block Chemical Wks, Berkeley Hts., Newark, N. J.
CLINCHFIELD PRODUCTS CORP., 120 Broadway, New York
See adv index at end of book
Durex Chemical Corp., 320 5th av, New York

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Klipstein A. & Co. (Imp.), 644 Greenwich, New York
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York

519— Barium Sulphide

Block Chemical Wks.. Berkeley Hts, Newark, N. J.
CLINCHFIELD PRODUCTS CORPN. 120 Broadway, New York
See adv index at end of book
Durex Chemical Corp., 320 5th av, New York

520— Bark (Mangrove)

Bauer Philip Co. (Imported), 68 Broad, New York
Gravenhorst & Co. (Imp), 96 Wall, New York
Haley-Hammond Co., 129 Pearl, New York
Klipstein A. & Co. (Imported), 644 Greenwich, New York

521— Barn Equipments

Hudson Mfg. Co., Minneapolis, Minn.
Hunt-Helm-Ferris & Co., Harvard, Ill.
James Mfg. Co., Fort Atkinson, Wis.
Louden Machinery Co., Fairfield, Ia.
Mitchell Mfg. Co., Milwaukee, Wis.
Porter J. E. Co., Ottawa, Ill.

521a—Barographs and Barometers (Airplane)

Green Hy. J., 1191 Bedford av, Brooklyn, N. Y.
Haustetter A., 308 Madison av, New York
Sussfeld, Lorsch & Co., 90 Maiden la, New York.
Taylor Instrument Co's, Rochester, N. Y.
See adv index at end of book

522-3— Barometers

American Thermo Ware Co., 16 Warren, New York
Bliss John & Co. (Imp), 128 Front, New York
Chaney Mfg. Co., Springfield, O.
Draper Mfg. Co., 152 Front, New York
Du Vivier Ernest H. (Imp) (Dial & Recording), 30 Church, New York
Elliott B. K. Co. (Aneroid), 126 6th, Pittsburgh, Pa.
Freas Francis L., Conshohocken, Pa.
Green Henry J. (Aneroid & Mercurial), 1191 Bedford av, Brooklyn, N. Y.
Keuffel & Esser Co. (Aneroid), Hoboken, N. J.
Knott L. E. Apparatus Co., 79 Amherst, Cambridge, Mass.
McCoy Joseph F. Co., 157 Chambers, New York
Philadelphia Thermometer Co., 9th & Arch, Phila., Pa.
PRECISION THERMOMETER & INSTRUMENT CO., 1434 Brandywine, Philadelphia, Pa.
Queen-Gray Co., 618 Chestnut, Phila., Pa.
Sussfeld, Lorsch & Co. (Imp), 90 Maiden Lane, New York
Tagliabue Chas. J. Mfg. Co. (Aneroid & Mercury), 18 33d, Brooklyn, N. Y.
TAYLOR INSTRUMENTS COMPANIES ("Tycos" of All Kinds), Rochester, N. Y. *See adv index at end of book*
Wagner Bros. & Co. (Importers), 71 W 23d, New York
Wagner Carl H., 1944 N Albany av, Chicago, Ill.
Weinhagen Hy. (Imp), 159 Leonard, New York

Barrel Packers

See Packing Machines; also Bag Filling Machines

Barrels (Bilge)

See Barrels, Steel Shipping, with the Word Bilge Following Their Names

523a— *Barrels (Burnishing)

ABBOTT BALL CO. ("Abbott"), Elmwood Station, Hartford, Conn.
See adv index at end of book

523b—*Barrels (Candy Miniature)

Estes E. B. & Sons, 64 5th av, New York
See adv index at end of book

524— Barrels (Chlorinating)

Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
Worthington Pump & Machinery Corp., 115 B'way, New York
See adv index at end of book

525-6—Barrels (Clean Up or Amalgam)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 B'way, New York
See adv index at end of book
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

527— Barrels (Cyanide)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

527a— *Barrels (Fibre)

National Fibre & Insulation Co., Yorklyn, Del.
ROGERS FIBRE CO. (Leatheroid Mfg. Co.) ("Leatheroid"), 121 Beach, Boston, Mass. *See adv index at end of book*

528—Barrels (Gasoline Underground Storage)

Meurer Steel Barrel Co. ("Anchor"), 575 Flushing av, Brooklyn, N. Y.

528a— Barrels (Gun & Rifle)

Avis S. R. & Sons (Inc.), 198 Brown, New Haven, Conn.

529— Barrels (Japanning)

Baird Machine Co. (Also Tumbling Barrels), Bridgeport, Conn.

530— Barrels (Oil)

California Barrel Co., 433 California, San Francisco, Cal.
Gulf Cooperage Co., Frick Annex, Pittsburgh, Pa.
Kretchmer Mfg. Co. (Galvanized), Council Bluffs, Ia.
Panama Tank Co. (Corrugated Galvanized Steel), Carr av & I. C. R. R., New Orleans, La.
Penna. Cooperage Co. (All Sizes & Styles), Oil City, Pa.
Pressed Steel Products Co., Sharon, Pa.
Toledo Steel Barrel Co., Corn Exchange bldg, Chicago, Ill.

531-2—Barrels (Plating & Galvanizing)

Boissier Electric Co., 205 W 19th, New York
Crown Hardware Mfg. Co. (Mechanical Plating), 1101-21 E Second, Dayton, O.
Klauder-Weldon Machine Co. ("Acme," Oblique), Amsterdam, N. Y.
L'Hommedieu Chas. F. & Sons Co. ("Reliance"), 24 S Clinton, Chicago, Ill.
Munning-Loeb Co. ("Nonesuch"), Matawan, N. J.
National Galvanizing & Plating Equip. Corp., 52 B'way, New York
U. S. Electro Galvanizing Co. (Automatic Self Emptying), 280 Park av, Brooklyn, N. Y.

533— Barrels (Second-Hand)

Baltimore Cooperage Co., The, cor Hanover & Creek, Baltimore, Md.
Bridgeport Barrel Co., Inc., 487 Main, Bridgeport, Conn.
Engel Bros., 1153 Center, Chicago, Ill.
Heidt C. & Son, 64 Fairmount, Jersey City, N. J.
Hempstead John, Waterford, N. Y.
Kirk Joseph H. Co., 725 W 51st, Chicago, Ill.
McArdle & Co., 906 W 38th pl, Chicago, Ill.
Maguire Bros. Co. (Lime & Cement), 820 Girard av, New York
Martin Bros. Co., Toledo, O.

534—Barrels (Sheet Steel Shop)

See also Barrels, Steel Shipping

Butler Mfg. Co. (Welded Oil), Kansas City, Mo.
Clark W. J. Co., Salem, O.
Cleveland Wire Spring Co., Cleveland, O.
Draper Mfg. Co., 3603 E 82nd, Cleveland, O.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Koven L. O. & Bro. (Also Half Barrels), 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Kretchmer Mfg. Co., Council Bluffs, Ia.
Lyon Metallic Mfg. Co. ("Lyon"), Aurora, Ill.
Mossberg Frank Co. (With or Without Casters), Attleboro, Mass.
Nebraska & Iowa Steel Tank Co., Omaha, Neb.
Ohio Corrugating Co., Warren, O.
Ohio Galvanizing & Mfg. Co., Niles, O.
OHIO MFG. CO. (Foundry & Truck Barrels), P O Box 358, Painesville, O.
See adv index at end of book
Peoria Can Co. (For Sweeping Compounds, Coffee, Crackers, Powders of All Kinds, Plain or Decorated), Peoria, Ill.
Pressed Steel Tank Co. (Seamless), 58th & Greenfield av, Milwaukee, Wis.
S. F. K. Steel Barrel Co., 7930 Jones rd, Cleveland, O.
Toledo Steel Barrel Co. ("Bull Dog"), Corn Exchange Bank bldg., Chicago, Ill.
Welded Steel Barrel Corp. (Welded), Hart av & Charlevoix, Detroit, Mich.
Wilson, Andrew Co., 616 Essex, Lawrence, Mass. *See adv index at end of book*

535—Barrels (Steam Drying)

Baird Machine Co. (Also Fanning Mills), Bridgeport, Conn.

536—Barrels (Steel Shipping)

See also Barrels, Sheet Steel Shop

American Steel Package Co., Defiance, O.
Brown Sheet Iron & Steel Works ("Brown Welded"), Berry & Pearl, Minneapolis, Minn.
Butler Mfg. Co., 900 6th av, S E, Minneapolis, Minn.
Chambers, Bering Quinlan Co. (Bilged), Decatur, Ill.
Cleveland Steel Barrel Co., 9612 Meech av, Cleveland, O.
Detroit Range Boiler Co. ("Perfect" Bilge Type), 619 24th, Detroit, Mich.
Draper Mfg. Co., 3603 E 82nd, Cleveland, Ohio
Hutchins Car Roofing Co. (Drums), Ford bldg, Detroit, Mich.
Hydraulic Pressed Steel Co. (Seamless Steel), 3152 E 61st, Cleveland, O.
Kretchmer Mfg. Co., Council Bluffs, Ia.
Mahoning Steel Products Co., Warren, O.
Meurer Steel Barrel Co. ("Anchor"), 575 Flushing av, Brooklyn, N. Y.
Metal Barrel Co. ("Hercules Welded"), Galesburg, Ill.
Monarch Mfg. Co., Council Bluffs, Ia.
National Enameling & Stamping Co. ("Nesco" Welded, Painted or Galvanized), 411 5th av, New York
Ohio Mfg. Co., P O Box 358, Painesville, O.
See adv index at end of book
Peoria Can Co., Peoria, Ill.
Pressed Steel Products Co. ("G-E-M," Steel Bilge Type), Sharon, Pa.
Pressed Steel Tank Co. (Seamless Pressed), 58th & Greenfield av, Milwaukee, Wis.
St. Louis Steel Barrel Corp'n, B'way, Benton & 9th, St. Louis, Mo.
Steel Barrel Co. of Am., 29 B'way, New York
S. F. K. Steel Barrel Co., 7930 Jones rd, Cleveland, O.
SCAIFE, WM. B. & SONS CO., First Natl. Bank bldg, Pittsburgh, Pa., & 26 Cortland, New York
See adv index at end of book
Toledo Steel Barrel Co. ("Bull Dog"), Corn Exchange bldg, Chicago, Ill.
Welded Steel Barrel Corp., Hart av & Charlevoix, Detroit, Mich.
Whitaker-Glessner Co., Wheeling, W. Va.
Wilson Andrew Co., 616 Essex, Lawrence, Mass. *See adv index at end of book*
Wilson & Bennett Mfg. Co. (Plain Steel or Galvanized), 58th av & W 66th, Chicago, Ill.

537—Barrels (Steel, Tin Lined)

Meurer Steel Barrel Co. ("Anchor"), 575 Flushing av, Brooklyn, N. Y.
Trageser John Steam Copper Works (Block Tin Lined for Lacquers, etc), 447 W 26th, New York

537a— *Barrels (Tack)

ESTES E. B. & SONS, (Wood Miniature), 364 5th av, New York.
See adv index at end of book

538—Barrels (Tumbling or Rumbling)

See also Mills, Tumbling; also Mills, Water Cinder; also Mills, Exhaust Tumbling
ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
ABBOTT BALL CO. ("Abbott," Steel Ball Process), Elmwood Station, Hartford, Conn. *See adv index at end of book*

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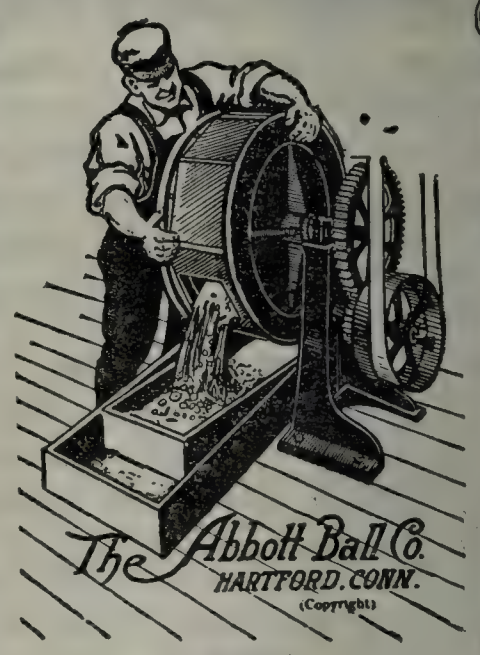

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Arnold S. G. ("Guttman," Oblique), 2619 W Vanburen, Chicago, Ill.
Baird Machine Co. ("Baird" Oblique Tilting, Dry, Wet & Steam Drying, etc), Bridgeport, Conn.
Baltimore Cooperage Co., The, cor. Hanover & Creek, Baltimore, Md.
Barnett Oscar Foundry Co. ("Barnett's" Hexagon), Irvington, N. J.
Brass Founders Supply Co. (Tilting, Oblique Tumbers for Brass Fdrs., also Dry & Wet Tumblers), Hamburg pl, Newark, N. J.
Falls Clutch & Machinery Co. (Foundry), Cuyahoga Falls, O.
Foundry Equipment Co., 1833 Columbus Rd, Cleveland, O.
Globe Machine & Stamping Co., ("Globe" Tilting; also Horizontal), 1250 W 76th, Cleveland, O.
Henderson Bros., Waterbury, Conn.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
L'Hommedieu Chas. F. & Sons Co., 24 S Clinton, Chicago, Ill.
McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Middleditch Benj. (Tilting), Detroit, Mich.
NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book
Paxson J. W. Co., 1021 N Delaware av, Phila., Pa.
Peckham Mfg. Co. (For Dry Tumbling), 244 South, Newark, N. J.
Republic Structural Iron Wks. Co., 1350 E 53d, Cleveland, O.
Royersford Foundry & Machine Co., Royersford, Pa.
Sly W. W. Mfg. Co., 4700 Train av, Cleveland, O.
Standard Machinery Co., Providence, R. I.
Tilghman-Brooksbank Sand Blast Co. ("Tilghmann" & "Matthewson"), 1126 S 11th, Philadelphia, Pa.
Turner Vaughn & Taylor Co. (Chain & Nail, Nail Rattlers), Cuyahoga Falls, O.
Woodison E. J. Co. ("Allen" Water Tumbler), Detroit, Mich.

539—Barrels (Tumbling, Sand Blast)

Betton J. M. ("Drucklieb"), 59 Pearl, New York
Brown Specialty Machinery Co., 2440 W 22d, Chicago, Ill.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book

540—*Barrels (Tumbling, Steel Ball)

ABBE ENGINEERING CO., 220 B'way, New York. *See adv index at end of book*
ABBOTT BALL CO. ("Abbott" for Burnishing & Polishing), Elmwood Station, Hartford, Conn.
See adv index at end of book
Globe Machine & Stamping Co. ("Globe" for Burnishing), 1250 W 76th, Cleveland, O.

541—Barrels (Wire Thrashing)

Farrel Foundry & Machine Co., Ansonia, Conn.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

542—*Barrels (Wood, Miniature)

ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*

543—Barrels (Working)

Cook August D., Lawrenceburg, Ind.
Hough Chas. N. Mfg. Co. (Cast Iron, Seamless, Cold Drawn Steel & Seamless Brass), Franklin, Pa.
McDonald A. Y Mfg. Co., Dubuque, Ia.
McGregor Working Barrel Co., Bradford, Pa.
National Tube Co., Frick bldg, Pittsburgh, Pa.
Producers Supply Co., Franklin, Pa.

543a—Barriers (Stone, for Electrical Power & Sub Stations)

Alberene Stone Co., 223 E 23rd, New York
Euclid Stone & Brick Co., Cleveland, O.
See adv index at end of book

544—Barrows (Baggage & Express)

Clark Geo. P. Co., Windsor Locks, Conn.
FAIRBANKS CO., 416 Broome, New York.
For branch houses see Alphabetical Section
Howe Scale Co., Rutland, Vt.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Standard The Scale & Supply Co., 1631 Liberty av, Pittsburgh, Pa.
Whitman Agricultural Co., 7000 S. B'way, St. Louis, Mo.

545— Barrows (Brick)

American Clay Machinery Co., S Walnut, Bucyrus, O.
Anderson Fdy. & Machine Works, Anderson, Ind.
Ashboro Wheelbarrow Co., Ashboro, N. C.
Bryan Mfg. Co. (Steel Frame), P. O. Box D, Bryan, O.
Chattanooga Wheelbarrow Co., Chattanooga, Tenn.
Fairbanks Co., 416 Broome, New York.
For branch houses see Alphabetical Section
Freese E. M. & Co., Galion, O.
International Clay Machinery Co., Dayton, O.
Jackson Mfg. Co., Harrisburg, Pa.
See adv index at end of book
Kilbourne & Jacobs Mfg. Co. (Steel & Wooden), Columbus, O.
Phillips, Doup & Co. ("National") 60 Pearl, Brooklyn, N. Y.
Potts C. & A. & Co., 816 W Wash av., Indianapolis, Ind.
Puffer-Hubbard Mfg. Co., 32nd av, S & 26th, Minneapolis, Minn.
Sidney Steel Scraper Co. ("Haslup"), Sidney, O.
Toledo Wheelbarrow Co. ("Bull Frog"), 2400 B'way, Toledo, O.
Wellington Machine Co., Wellington, O.

Barrows (Charging)

See Barrows, Furnace Charging

546— Barrows (Coke)

Akron Cultivator Co. (Steel), Akron, O.
American Steel Scraper Co., Sidney, O.
Atlas Car & Mfg. Co., Cleveland, O.
Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
Bryan Mfg. Co., P O Box D, Bryan, O.
Chattanooga Wheelbarrow Co., Chattanooga, Tenn.
Connellsville Iron Works ("Connellsville" Steel Angle), Connellsville, Pa.
Connellsville Machine & Car Supply Co., Connellsville, Pa.
Fairbanks Co., 416 Broome, New York.
For branch houses see Alphabetical Section
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J. *See adv index at end of book*
Jackson Mfg. Co., Harrisburg, Pa.
See adv index at end of book
McWhinnie Thos., Poughkeepsie, N. Y.
Phillips, Doupe & Co. ("National"), 60 Pearl, Brooklyn, N. Y.
Puffer-Hubbard Mfg. Co., 32d av S & 26th, Minneapolis, Minn.
Sidney Steel Scraper Co. ("Haslup"), Sidney, O.
Sterling Wheelbarrow Co., Milwaukee, Wis.
STUEBNER G. L. IRON WORKS, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Weimer Machine Works Co. (Standard Large Square, etc), Lebanon, Pa.

547—Barrows (Concrete & Mortar)

See also Carts, Concrete
Akron Cultivator Co., Akron, O.
American Steel Scraper Co. ("Crown Regal"), Sidney, O.
Ashboro Wheelbarrow Co., Ashboro, N. C.
Biehl Iron Works, Inc., Reading, Pa.
Bryan Mfg. Co., P O Box D, Bryan, O.
Chattanooga Wheelbarrow Co., Chattanooga, Tenn.
FAIRBANKS CO., 416 Broome, New York.
For branch houses see Alphabetical Section
JACKSON MFG. CO., Harrisburg, Pa.
See adv index at end of book
Kilbourne & Jacobs Mfg. Co. ("Columbus"), Columbus, O.
Littleford Bros., 444 E Pearl, Cincinnati, O.
McWhinnie Thos., Poughkeepsie, N. Y.
Martin & Heagy Mfg. Co. ("Climax"), Elizabethtown, Pa.
Ohio Ceramic Engineering Co., Berea rd, Cleveland, O.
Phillips, Doup & Co. ("National"), 60 Pearl, Brooklyn, N. Y.
Puffer-Hubbard Mfg. Co. (Steel Tray, Steel Wheels, Wood Handles), 32d av S & 26th, Minneapolis, Minn.
Ransome Leach Machinery Co. (Steel), 115 B'way, New York
Sidney Steel Scraper Co. ("U. S."), Sidney, O.
Standard The Scale & Supply Co. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa.
Sterling Wheelbarrow Co. ("Ajax," "Eureka," Self-Lubricating), Milwaukee, Wis.
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Syracuse Chilled-Plow Co., Syracuse, N. Y.
Toledo Wheelbarrow Co. ("Bull Frog" Steel Tray), 2400 B'way, Toledo, O.

Barrows (Contractors')

See Barrows, Various Kinds

548—Barrows (Folding, Steel Frame)

Bryan Mfg. Co., P. O. Box D, Bryan, O.

549— Barrows (Foundry)

See also Barrows, Furnace Chargings
Akron Cultivator Co., Akron, O.
American Steel Scraper Co., Sidney, O.
Atlas Engineering Co, Amherst, Ohio
See adv index at end of book
Biehl Iron Works, Inc., Reading, Pa.
Bryan Mfg. Co., P. O. Box D, Bryan, O.
Chattanooga Wheelbarrow Co, Chattanooga, Tenn.
Dopp J. W. & Co. (Dealers), 1420 Dime Bank bldg, Detroit, Mich.
FAIRBANKS CO., 416 Broome, New York
For branch houses see Alphabetical Section
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J. *See adv index at end of book*
JACKSON MFG. CO., Harrisburg, Pa.
See adv index at end of book
McWhinnie Thos., Poughkeepsie, N. Y.
Martin & Heagy Mfg. Co. ("Climax"), Elizabethtown, Pa.
Phillips, Doup & Co. ("National"), 60 Pearl, Brooklyn, N. Y.
Sidney Steel Scraper Co., Sidney, O.
Standard The Scale & Supply Co., 1631 Liberty av, Pittsburgh, Pa.
Sterling Wheelbarrow Co. ("Sterling" All Steel Tubular Frame), Milwaukee, Wis.
Stuebner G. L. Iron Works (Steel), Queensboro Terminal, Long Island City, N. Y.
See adv index & branch offices at end of book
Syracuse Chilled Plow Co. (Steel Tray, Tubular), Syracuse, N. Y.
Toledo Wheelbarrow Co ("Bull Frog") 2400 B'way, Toledo, O.

550—Barrows (Furnace Charging)

Akron Cultivator Co. (Automatic Dump), Akron, O.
Archer Iron Works, 2436 W 34th pl, Chicago, Ill.
Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
Consolidated Iron Works, Hoboken, N. J.
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J. *See adv index at end of book*
JACKSON MFG. CO., Harrisburg, Pa.
See adv index at end of book
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Leetonia Boiler Co., Leetonia, O.
Martin & Heagy Mfg. Co., Elizabethtown, Pa.
Penn Fdry. & Mfg. Co., Reading, Pa.
See adv index at end of book
Petty J. K. & Co. (Lebanon Boiler Wks), (With Failers Axles), Stephen Girard bldg, Philadelphia, Pa.; Works: Lebanon, Pa.

BARROWS (Furnace Charging)—contin'd
Phillips, Doup & Co. ("National"), 60 Pearl, Brooklyn, N. Y.
Sidney Steel Scraper Co., Sidney, O.
STUEBNER G. L. IRON WORKS, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Syracuse Chilled Plow Co., Syracuse, N. Y.
Watt Mining Car Wheel Co., Barnesville, Ohio
Weimer Machine Works Co., Lebanon, Pa.

551— Barrows (Garden)

American Steel Scraper Co., Sidney, O.
Ashboro Wheelbarrow Co., Ashboro, N. C.
Bryan Mfg. Co., P. O. Box D, Bryan, O.
Chattanooga Wheelbarrow Co., Chattanooga, Tenn.
FAIRBANKS CO., 416 Broome, New York
For branch houses see Alphabetical Section
Harrison W. R. & Co., Massillon, O.
Kilbourne & Jacobs Mfg. Co. ("K. & J." "Victor," etc), Columbus, O.
McWhinnie Thos. ("Hudson River," "Dutchess," "New 1903 Metropolitan"), Poughkeepsie, N. Y.
Martin & Heagy Mfg. Co. ("Climax"), Elizabethtown, Pa.
Menasha Wood Split Pulley Co. ("Lawson"), Menasha, Wis.
Puffer-Hubbard Mfg. Co. ("American"), 32d av & S 26th, Minneapolis, Minn.
Ross Bros. Co. ("Nuway"), 90 Front, Worcester, Mass.
Sidney Steel Scraper Co. ("U. S."), Sidney, O.
Sterling Wheelbarrow Co., Milwaukee, Wis.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Tanner D. F., Holland, N. Y.
Toledo Wheelbarrow Co. ("Toledo Clipper," etc), 2400 B'way, Toledo, O.
Zering H. Mfg. Co., Cincinnati, O.

551a— Barrows (Hand)

JACKSON MFG. CO. (Steel), Harrisburg, Pa. *See adv index at end of book*
Syracuse Chilled Plow Co., Syracuse, N. Y.

552—Barrows (Locomotive Coal Station)

Akron Cultivator Co., Akron, O.
Archer Iron Works, 2436 W 34th pl, Chicago, Ill.
Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
Bryan Mfg. Co., P. O. Box D, Bryan, O.
Jackson Mfg. Co., Harrisburg, Pa.
See adv index at end of book
Kilbourne & Jacobs Mfg. Co. (Steel), Columbus, O.

553—Barrows (Ore & Pig Iron)

Akron Cultivator Co., Akron, O.
American Steel Scraper Co., Sidney, O.
Atlas Car & Mfg. Co., Cleveland, O.
Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
Biehl Iron Works, Inc., Reading, Pa.
Bryan Mfg. Co., P. O. Box D, Bryan, O.
Chattanooga Wheelbarrow Co., Chattanooga, Tenn.
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J. *See adv index at end of book*
JACKSON MFG. CO., Harrisburg, Pa.
See adv index at end of book
Kilbourne & Jacobs Mfg. Co. (Bolted), Columbus, O.
Phillips, Doup & Co. ("National"), 60 Pearl, Brooklyn, N. Y.
Puffer-Hubbard Mfg. Co., 32d av S & 26th, Minneapolis, Minn.
Sidney Steel Scraper Co. ("Haslup"), Sidney, O.
Sterling Wheelbarrow Co., Milwaukee, Wis.
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Syracuse Chilled Plow Co. (Steel Tray Tubular), Syracuse, N. Y.

554— Barrows (Steel Tray)

Akron Cultivator Co., Akron, O.
American Clay Machinery Co., S Walnut, Bucyrus, O.
American Steel Scraper Co., Sidney, O.
Ashboro Wheelbarrow Co., Ashboro, N. C.
Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
Babcock Mfg. Co. ("Otsego"), Leonardsville, N. Y.
Bryan Mfg. Co., P. O. Box D, Bryan, O.
Chattanooga Wheelbarrow Co., Chattanooga, Tenn.
Chicago Builders' Specialties Co., 11 So La Salle, Chicago, Ill.
Conner J. W. & Son ("Favarit"), Orangeville, Pa.
Eagle Machine Co., Lancaster, O.
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J. *See adv index at end of book*
Havana Metal Wheel Co., Havana, Ill.
JACKSON MFG. CO., Harrisburg, Pa.
See adv index at end of book
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lansing Co., Lansing, Mich.
Martin & Heagy Mfg. Co. ("Climax"), Elizabethtown, Pa.
Miller E. S., Stanwood, O.
Miller & Coulson ("Long" Self-Dumping), Diamond Bank bldg, Pittsburgh, Pa.
New York Wheelbarrow Wks, 180 West, New York
Nissen Geo. E. & Co., Winston-Salem, N. C.
Puffer-Hubbard Mfg. Co., 32d av S & 26th, Minneapolis, Minn.
Sackett H. B. Screen & Chute Co., 1691 Elston av, Chicago, Ill.
Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill. *See adv index at end of book*
Sellers Edward, Oak Hall Station, Pa.
Sidney Steel Scraper Co. ("Haslup"), Sidney, Ohio
Standard Mfg. Co., 41 Cortlandt, New York
Steel Basket Co. (For Coal), Cedar Rapids, Ia.
Sterling Wheelbarrow Co., Milwaukee, Wis.
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, New York
See adv index at end of book
Syracuse Chilled Plow Co., Syracuse, N. Y.
Toledo Wheelbarrow Co. ("Bull Frog"), 2400 B'way, Toledo, O.

555—Barrows (Steel Tubular, Etc.)

Akron Cultivator Co., Akron, O.
American Steel Scraper Co. (Solid Pressed Steel), Sidney, O.
Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
Biehl Iron Works, Inc., Reading, Pa.
Bryan Mfg. Co., P. O. Box D, Bryan, O.
Chattanooga Wheelbarrow Co., Chattanooga, Tenn.
Connellsville Machine & Car Supply Co., Connellsville, Pa.
Consolidated Iron Works, Hoboken, N. J.
FAIRBANKS CO. (Iron & Steel), 416 Broome, New York
For branch houses see Alphabetical Section
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J. *See adv index at end of book*
JACKSON MFG. CO. (Pressed Frames), Harrisburg, Pa.
See adv index at end of book
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Martin & Heagy Mfg. Co. ("Climax"), Elizabethtown, Pa.
Phillips, Doup & Co. ("National," "Ideal," "Perfect"), 60 Pearl, Brooklyn, N. Y.
Puffer-Hubbard Mfg. Co., 32nd av S & 26th, Minneapolis, Minn.
Sidney Steel Scraper Co. ("Halsup," "U. S," & "Sidney" Solid Pressed Steel), Sidney, O.
Steel Basket Co., Cedar Rapids, Ia.
Sterling Wheelbarrow Co. (Self Lubricating Wheels), Milwaukee, Wis.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Toledo Wheelbarrow Co. ("Bull Frog" & "Buckeye"), 2400 B'way, Toledo, O.
Western Iron Works, 141 Beale, San Francisco, Cal.

556— Barrows (Stone)

Akron Cultivator Co., Akron, O.
American Steel Scraper Co. (Steel Bottom, Wood Frame), Sidney, O.
Ashboro Wheelbarrow Co., Ashboro, N. C.
Bryan Mfg. Co., P. O. Box D, Bryan, O.
Chattanooga Wheelbarrow Co., Chattanooga, Tenn.
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Kilbourne & Jacobs Mfg. Co. (Wood, Steel, also Steel Bottom), Columbus, O.
McWhinnie Thos., Poughkeepsie, N. Y.
Martin & Heagy Mfg. Co. ("Climax"), Elizabethtown, Pa.
Phillips, Doup & Co. ("National"), 60 Pearl, Brooklyn, N. Y.
Puffer-Hubbard Mfg. Co., 32nd av S & 26th, Minneapolis, Minn.
Sidney Steel Scraper Co. ("Halsup," "U. S." & "Sidney" Steel Bottom), Sidney, O.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Toledo Wheelbarrow Co. ("Bull Frog"), 2400 B'way, Toledo, O.

557— Barrows (Track)

American Track Barrow Co., Lowell, Mass.

558— Barrows (Wooden)

American Steel Scraper Co., Sidney, O.
Ames Plow Co., Quincy Hall, Boston, Mass.
Ashboro Wheelbarrow Co., Ashboro, N. C.
Babcock Mfg. Co. ("Otsego"), Leonardsville, N. Y.
Bryan Mfg. Co., P. O. Box D, Bryan, O.
Buch's A. Sons Co., Elizabethtown, Pa.
Chattanooga Wheelbarrow Co. ("Eureka"), Chattanooga, Tenn.
Chicago Builders' Specialties Co., 11 So La Salle, Chicago, Ill.
Defiance Box Co., Defiance, O.
FAIRBANKS CO., 416 Broome, New York
For branch houses see Alphabetical Section
Harrison W. R. & Co., Massillon, O.
Jordan Wheelbarrow Co., Jordan, N. Y.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
McWhinnie Thomas, Poughkeepsie, New York
Martin & Heagy Mfg. Co. ("Climax"), Elizabethtown, Pa.
Menasha Wood Split Pulley Co. ("Lawson"), Menasha, Wis.
Miller E. S., Stanwood, O.
N. Y. Wheelbarrow Wks, 180 West, New York
Nissen Geo. E. & Co., Winston-Salem, N. C.
Patterson Mfg. Co., Holly, Mich.
Prescott Frank R. ("Peerless," "Victor," "Eureka," "Canal"), Meredith, N. H.
Puffer-Hubbard Mfg. Co., 32nd av S & 26th, Minneapolis, Minn.
Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill. *See adv index at end of book*
Standard Mfg. Co., 41 Cortlandt, New York
Sterling Wheelbarrow Co., Milwaukee, Wis.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Toledo Wheelbarrow Co. ("Bull Frog"), 2400 B'way, Toledo, O.
Union Mfg. & Lumber Co., Northville, Mich.
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.

559— Bars (Angle)

Bethlehem Steel Co., So. Bethlehem, Pa.
Braun J. G., 609 S Paulina, Chicago, Ill.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Colorado Fuel & Iron Co., Denver, Colo.
Illinois Steel Co., 208 S La Salle, Chicago, Ill.
Interstate Iron & Steel Co., First Nat'l Bank bldg, Chicago, Ill.
Jones & Laughlin Steel Co. (Hot & Cold-Rolled), Ross, Pittsburgh, Pa.
Lackawanna Steel Co., Buffalo, N. Y.
Logan Iron & Steel Co., Morris bl, Phila., Pa.
Pardee C. Works, Perth Amboy, N. J.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Witherow Steel Co., Keystone bldg, Pittsburgh, Pa.

560— Bars (Arch)

American Bridge Co., 30 Church, New York
Bethlehem Steel Co., So. Bethlehem, Pa.
Carnegie Steel Co., Carnegie bldg, Pittsburg, Pa.
Fort Wayne Rolling Mills Corp., Ft. Wayne, Ind.
Los Angeles Fdry. Co., Los Angeles, Cal.
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.

Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Valley Forging Co., Verona, Pa.
Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

561— Bars (Boring)

See also Cylinder Boring Machines

DIAMOND SPECIALTY & SUPPLY CO. ("Steinbrunn" Expansion for Car Wheels), 1225 Arch, Phila., Pa.
ELMES CHAS. F. ENGINEERING Works, (Inc.), Cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
Gisholt Machine Co. (Adjustable Cutters, & Solid Cutters), Madison, Wis.
KELLY REAMER CO., 1553 Columbus rd, Cleveland, O. *See adv index at end of book*
Oliver Machinery Co., Grand Rapids, Mich.
Pedrick Tool & Mch. Co. (For Cylinders), 3642 N Laurence, Phila., Pa.
Rooksby E. J. & Co., 435 N 11th, Phila., Pa.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Underwood H. B. & Co., 1025 Hamilton, Phila., Pa.
Union Tool Co. ("Hill"), Orange, Mass.
Universal Boring Machine Co., Hudson, Mass.
Wellman Co. (Extension), Medford, Mass.
Williams J. H. Co. ("Agrippa" Plain & Sleeve), 31 Richards, B'klyn, N. Y. *See adv index at end of book*

561a—Bars (Brass & Bronze)

Connecticut Brass & Mfg. Corp. (Brass), West Chester, Conn.
Scovil Mfg. Co., Waterbury, Conn. *See adv index at end of book*

562— Bars (Capstan)

New York Boat Oar Co., 69 West, New York
Ransome Leach Co., 115 B'way, New York

563— Bars (Carpenters', Etc.)

American Logging Tool Co., Evart, Mich.
Beall Bros., Inc., Alton, Ill.
Bonner Drop Forge Co., 332 S Michigan av, Chicago
Cincinnati Tool Co., Norwood, Cincinnati, O. *See adv index at end of book*
Duffy Mfg. Co., 214 W Grand av, Chicago, Ill.
Kraeuter & Co., 583 18th av, Newark, N. J.
Leetonia Tool Co., Leetonia, O. ?
Marshalltown Trowel Co., Marshalltown, Ia.
Mechanical Specialties Co., 122 S Michigan av, Chicago, Ill.
Ohio Tool Co., Charleston, W. Va.
Stanley Rule & Level Co. (Altha Division), New Britain, Conn.
Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.
Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.
Vlchek Tool Co., ("Vlchek"), 10711 Quincy av, Cleveland, O.
Warner Hammer Co., Cromwell, Conn.
Warren Tool & Forge Co., Warren, O.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.

Bars (Claw)

See Crowbar Mfrs.

563a— *Bars (Casket)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

564— Bars (Clothes)

See also Bars, Towel

Combination Ladder Co., 366 Fountain, Providence, R. I.
Eclipse Co., North Girard, Pa.
Gem Mfg. Co., North Girard, Pa.
Geneva Mfg. Co., Geneva, Ill.
Hopkins Frank & Co., North Girard, Pa.
Hopkins L. Mfg. Co., North Girard, Pa.
Martcross Co., 202 N Wabash av, Chicago, Ill.
Moulton C. W. H. Co., Somerville, Mass.
Penn Mfg. Co., North Girard, Pa.
Steinfeld Bros., 116 W 32nd, New York
Stokes Wm. A. & Co., 50 Howard, New York
Young Bros. Co., Worcester, Mass.

565— Bars (Commutator)

See also Commutators

AMERICAN BRASS CO., Waterbury, Conn. *For branch offices see adv index at end of book*
Billings & Spencer Co. (Pure Copper Dropped Forged), Hartford, Conn.
Buckeye Tempered Copper & Brass Co., Mansfield, O.
Cameron Electric Mfg. Co. (Segments & Assembled Commutators), Ansonia, Conn.
Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
Commutator Co., 121 N 1st, Minneapolis, Minn.
Electric Materials Co., North East, Pa.
Electrical Engineers Equipment Co., 711 Meridian, Chicago, Ill.
Eureka Co., North East, Pa.
Homer Commutator Co., 4748 Hough av, N E, Cleveland, O.
Jefferson Brass Foundry, 209 King, Brooklyn, N. Y.
Page-Storms Drop Forge Co. (Segments Drop Forged from Pure Unalloyed Copper). Chicopee, Mass.
Philadelphia Electrical & Mfg. Co. ("Pemco" Copper Segments), 1236 N 31st, Phila., Pa.
Rome Brass & Copper Co. (Drawn Copper), Rome, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

Bars (Crow)

See Crowbar Mfrs.

Bars (Digging)

See Crowbar Mfrs.

566— Bars (Draw)

Pittsburgh Forge & Iron Co., Chamber of Com. bldg, Pittsburgh, Pa.
Pratt & Letchworth Co., Buffalo, N. Y.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

567— Bars (Extension)

Bettcher Mfg. Co., 6120 Clark av, S. W, Cleveland, O.
Crawford Co., 846 S Canal, Chicago, Ill.
Grabler Mfg. Co., 6565 B'way, Cleveland, O.
Skinner M. B. & Co. ("Handi Hanger"), 562 W Washington, Chicago, Ill.

568— Bars (Eye)

American Bridge Co., 30 Church, New York
Meehan Boiler & Construction Co. (Upset), Lowellville, O.
Phoenix Iron Co. (Upset), 22 S 15th, Phila., Pa.; Mills: Phoenixville, Pa.

569— Bars (Finger)

Cambria Steel Co. (Cold Rolled & Cold Harvester Steel), Widener bldg, Phila., Pa.

570—Bars (Gold & Silver Platers')

Riverside Metal Co., Riverside, N. J.

570a— Bars (Grate)

Stowell Co., S. Milwaukee, Wis.

571— Bars (Grizzly)

Alloy Steel Forging Co., Carnegie, Pa.
American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.

571a— *Bars (Hammock)

Estes E. B. & Sons, 64 5th av, New York *See adv index at end of book*

572— Bars (Handle)

(For Bicycles, Motor Cycles, etc.)

American Skate & Mfg. Co. ("Rollfast"), Reading, Pa.
Chicago Handle Bar Co., Shelby, O.
Reading Cycle Mfg. Co., Reading, Pa.
STANDARD PARTS CO. (Bicycle & Motorcycle), Cleveland, O. *See adv index at end of book*

573— Bars (Hop & Post)

Munnsville Plow Co., Munnsville, N. Y.

574— *Bars (Iron)

(See Also Iron Bar Mills)

Latshaw Steel & Metal Products Co., 220 B'way, New York *See adv index at end of book*

Bars (Lining & Tamping)

See Crowbar Mfrs.

575—Bars (Low Phosphorus Melting)

Carter Iron Co., 307 5th av, Pittsburgh, Pa.
Metal Products & Supply Co., 1224-30 Washington, Phila, Pa.
SAMUEL FRANK ("American Swedo" Iron), Harrison bldg, Philadelphia, Pa. *See adv index at end of book*

575a—*Bars (Merchant Steel)

YOUNGSTOWN SHEET & TUBE CO. ("Youngstown"), (Rounds & Squares, Angles, Flats), Youngstown, O.

Bars (Mine Spike)

See Crowbar Mfrs.

576— Bars (Mower Cutter)

Herschel R. Mfg. Co., Peoria, Ill.

577— Bars (Pinch)

See also Car Movers or Pushers Lead.

American Logging Tool Co., Evart, Mich.
Beall Bros. (Inc.), Alton, Ill.
Braunsdorf-Mueller Co. (Bricklayers'), Elizabeth, N. J.
Buffum Tool Co. ("Swastika," Packing House, Cane Shaped, Midget, etc.), South Side, Louisiana, Mo.
Cincinnati Tool Co., Norwood, Cincinnati, O. *See adv index at end of book*
Crescent Novelty Mfg. Co., 703 S B'way, St. Louis, Mo.
Hardsocg Mfg. Co. (Miners), Ottumwa, Ia.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.
Ohio Tool Co., Charleston, W. Va.
Valley Forging Co., Verona, Pa.
Verona Tool Works (Locomotive), Oliver bldg, Pittsburgh, Pa., & Verona, Pa.
Warwood Tool Co. (Coal Miners, etc), Warwood, Wheeling, W. Va.
Webster Mfg. Co. ("Sheldon"), Tiffin, O.
What Cheer Tool Co. ("What Cheer" Solid Steel"), What Cheer, Ia.

578— Bars (Push)

Champion Hardware Co. ("Champion"), Geneva, O.
Sargent & Co., New Haven, Conn.
Star Brass Works Co. (Brass), Kansas City, Mo.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER

579— Bars (Quarry)

Brunner & Lay (from 100 to 500 lbs.), 570 W Polk, Chicago, Ill.
Ingersoll-Rand Co., 11 B'way, New York.
See adv index at end of book
Stanley Rule & Level Coo (Atha Division), New Britain, Conn.
Sullivan Machinery Co., Peoples Gas bldg, Chicago, Ill.

Bars (Reinforcing)

See Concrete Reinforcing Bars, Iron & Steel

Bars (Ripping)

See Bars, Carpenters', Etc.

580— Bars (Shackle)

Stanley Rule & Level Co. (Altha Division), New Britain, Conn.
Verona Tool Works, Oliver bldg, Pittsburgh, Pa.

581— Bars (Shaft)

Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book

582— Bars (Shutter)

Brass Goods Mfg. Co., 533 Union, Brooklyn, N. Y.
Corbin P. & F., New Britain, Conn.
Norwalk Lock Co., S Norwalk, Conn.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Peters Jas. & Son (Fire Shutter Bars, Wrought Iron), 1934 N Front, Phila., Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
STANLEY WORKS (Wrought steel), New Britain, Conn.
See adv index at end of book
Yale & Towne Mfg. Co., 9 E 40th, New York

583— Bars (Splice)

See also Braces, Rail
Ames W. & Co. (Rail), Communipaw av, Jersey City, N. J.
Bethlehem Steel Co., So. Bethlehem, Pa.
Buckeye Rolling Mill Co., Steubenville, O. & Newark, O.
Cambria Steel Co., Widener bldg, Phila., Pa.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Colorado Fuel & Iron Co., Denver, Colo.
Gulf States Steel Co., Birmingham, Ala.
Illinois Steel Co., 208 S La Salle, Chicago Ill.
Interstate Iron & Steel Co. (High Carbon Steel), 1st Nat'l Bank bldg, Chicago, Ill.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Knoxville Iron Co. (For Small Rails), Knoxville, Tenn.
Lackawanna Steel Co., Buffalo, N. Y.
Pittsburgh Forge & Iron Co., Chamber of Com. bldg., Pittsburgh, Pa.
Sellers Mfg. Co. (Iron; also Sansom Bars), 332 S Michigan av, Chicago, Ill.
Sweets Steel Co., Williamsport, Pa.
Tredegar Co., Richmond, Va.

583a— *Bars (Spool)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

583b— Bars (Steel)

Latshaw Steel & Metal Products Co., 220 B'way, New York
See adv index at end of book

584— Bars (Swage)

Disston Henry & Sons (Inc.), Tacony, Phila., Pa.

585— Bars (Tamp, Mining)

Hardsocg Martin Co., 922 South av, Pittsburgh, Pa.

586— Bars (Timber)

Stanley Rule & Level Co. (Atha Division), New Britain, Conn.

587— Bars (Towel)

American Ring Co., Waterbury, Conn.
Bache Semon & Co. (Imp Glass), 636 Greenwich, New York
Boston Mirror Co. (Crystal), 69 Sudbury, Boston, Mass.
Bridgeport Wire Goods Co., East Port Chester, Conn.
Cassady, Fairbank Mfg. Co., 6126 La Salle, Chicago, Ill.
Church C. F. Mfg. Co., Holyoke, Mass.
Cline L. Mfg. Co., 1239 S Wabash av, Chicago, Ill.
Columbus Brass Co. ("Columbus"), 538 Dublin av, Columbus, O.
See adv index at end of book
Eclipse Co. ("Eclipse", "Eureka" Sleeve, etc), North Girard, Pa.
Ester E. B. & Sons, 364 5th av, New York
See adv index at end of book
Eustis J. P. Mfg. Co. ("Brasscrafters," Glass & Metal), Cambridge, Mass.
Fanner Mfg. Co. (Metal), Cleveland, O.
Forsyth Metal Goods Co., E Aurora, N. Y.
Garden City Plating & Mfg. Co. ("Kutztown"), 1430 S Talman av, Chicago, Ill.
Graham & Berwin (Glass), 107 Lafayette, New York
Novelty Mfg. Co. (Brass, Glass & Extension), Waterbury, Conn.
Parker Charles Co., Meriden, Conn.
Res Mfg. Co. ("Res" Roller, etc, Nickel Plated & Polished), 2907 Meinecke av, Milwaukee, Wis.
Silver & Co., 304 Hewes, Brooklyn, N. Y.
Star Brass Works Co. (Glass), Kansas City, Mo.
Superior Brass Novelty Co. (Brass), 545 E 116th, New York
Taplin Mfg. Co., New Britain, Conn.
Turner & Seymour Mfg. Co., Torrington, Conn.
Van Houten E. J. S. (White Opal), 96 Park pl, New York

Bars (Transom)

See Metallic Sash Bars

588— Bars (Trapeze)

Hellenberg J. B. Co. (Also Horizontal & Doorway Bars & Indoor Wood Sporting Goods), Coldwater, Mich.

589— *Bars (Wood)

ESTES E. B. & SONS (Casket, Hammock, Spool, Towel, etc), 364 5th av, New York *See adv index at end of book*

Bars (Wrecking)

See Bars, Carpenters', Etc

590— Bars (Yellow Metal)

Taunton-New Bedford Copper Co., Taunton, Mass.

591— Barytes

See also Carbonate of Barytes
Barbour Chemical Works, 354 Pine, San Francisco, Calif.
Carolina Barytes Co. (Miners & Millers), 101 Park av, New York
Cherokee Chemical Co. (Pyrites), 109 Hollingsworth, Baltimore, Md.
CHRYSTAL CHARLES B. (Importers), 13 Cliff, New York
See adv index at end of book
Clark & Daniels, Inc. (Imp.), 250 Front, New York
Coulston J. W. & Co. (Imported), 80 Maiden Lane, New York
Daniels Willard B. (Imported), 252 Front, New York
Doggett Stanley, 11 Cliff, New York
Drakenfeld B. F. & Co. (Carbonate, Chromate & Sulphate, Imp), 59 Murray, New York
Dunn & Kruse, 63 Park row, New York
Durex Chemical Corp. (Ground & Floated), 320 5th av, New York
Finck J. C. Mine & Milling Co., 101 Barton, St. Louis, Mo.
Fuller Ralph L. & Co., Inc., 2 Rector, New York See adv index at end of book
Fulper Edward B., Trenton, N. J.
Gabriel & Schall (Imported Sulphate & Carbonate), 295 B'way, New York
Gilman Wm. D. Co. (Miners), 22 S 3rd, Phila., Pa.
Hammill & Gillespie (Imported), 240 Front, New York
Harshaw, Fuller & Goodwin Co. (White & Off Color Water Floated), Cleveland, New York & Philadelphia
Innes, Speiden & Co., Inc. (Imp), 46 Cliff, New York. *See adv index at end of book*
Katzenbach & Bullock Co., 100 William, New York
Lavino E. J. & Co. (Imp.), Bullitt bldg, Phila., Pa.
Nulsen, Klein & Krausse Mfg. Co., Main & Sidney, St. Louis, Mo.
Point Milling & Mfg. Co., Mineral Point, Mo.
Product Sales Co., 32 S Calvert, Baltimore, Md.
Rolls H. J., Ellicott Sq. bldg, Buffalo, N. Y.
Salomon L. A. & Bro. (Imp Sulphate & Carbonate), 216 Pearl, New York
Scheel Wm. H. (Imp), 159 Maiden la, New York
Tennant C. Sons & Co. of N. Y. (Importers), 100 William, New York
Whittaker, Clark & Daniels, Inc. (Imp), 250 Front, N. Y.

592— Base Ball Base Plates

Goodrich B. F. Co. (Rubber), Akron, O.
Spalding A. G. & Bros., 126 Nassau, New York
Stall & Dean Mfg. Co. (Canvas), Brockton, Mass.
Wrought Washer Mfg. Co., 46 S Bay, Milwaukee, Wis.

593—Base Ball Body Protectors

Goodrich B. F. Co., Akron, O.
Horstman Wm. H. Co. (Leg & Foot), Phila., Pa.
Jarvis W. B. Co. ("Ty Cobb"), Grand Rapids, Mich.
National India Rubber Co., Bristol, R. I.
Rawlings Mfg. Co., 23rd & Lucas av, St. Louis, Mo.
Stall & Dean Mfg. Co., Brockton, Mass.
Tyer Rubber Co., Andover, Mass.

594— Base Ball Mfrs.

Carr J. Base Ball Co., 660 Pacific, Brooklyn, N. Y.
Chicago Sporting Goods Mfg. Co. ("Ratsch-Peerless"), 123 S Jefferson, Chicago, Ill.
De Beer Jacob, Johnstown, N. Y.
Draper Maynard Co., Plymouth, N. H.
Goldsmith's P. Sons, John, Findlay & Charlotte, Cincinnati, O.
Harwood H. & Sons, Natick, Mass.
Jarvis W. B. Co. ("Ty Cobb"), Grand Rapids, Mich.
McLoughlin, Bundy & Sinsbaugh Co., Haas bldg, Los Angeles, Cal.
National Base Ball Mfg. Co. ("Allen"), Schenectady, N. Y.
Peach J. A. ("Peach"), Gloversville, N. Y.
Piper B. H. Co., Manchester, N. H.
Rademaker H. & Sons, Grand Rapids, Mich.
Rawlings Mfg. Co. ("Vacation," "Rawlings"), 23rd & Lucas av, St. Louis, Mo.
Reach A. J. Co., Tulip & Palmer, Phila., Pa.
Rogers Sporting Goods Co., Springfield, Mass.
Spalding A. G. & Bros., 126 Nassau, New York
Stall & Dean Mfg. Co. ("Stall & Dean"), Brockton, Mass.
Tryon Edw. K. Co. ("Tryon"), 611 Market, Phila., Pa.

Victor Sporting Goods Co., Springfield, Mass.
Young Geo. & Co., 715 S Western av, Chicago, Ill.

595—Bases (Battery Cut Out)

American Enamel Co., Neville, Providence, R. I.
Bogert & Hopper, 67 Barclay, New York
ESTES E. B. & SONS (Also Moulded, Wooden & Switch), 364 5th av, New York *See adv index at end of book*
Mutual Elec. & Mach. Co., 232 Fort W, Detroit, Mich.

596—Bases (Incandescent Lamp)

Bliss-Chester Co., 31 Mathewson, Providence, R. I.
Bridgeport Brass Co., Bridgeport, Conn.
Providence Base Works of General Electric Co., Atwell av., Providence, R. I.
Waterbury Mfg. Co., Waterbury, Conn.
White J. H. Mfg. Co., 111 N 3rd, Brooklyn, N. Y.

596a— *Bases (Loving Cup)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

597— *Bases (Oil Cup)

LUNKENHEIMER CO. (Pressure-Oil Systems), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

597a— Bases (Porch Column)

Majestic Co., Huntington, Ind.

598— Bases (Post)

Canton Foundry & Machine Co., Canton, O.
Duplex Hanger Co., E 53d & Lakeside av, Cleveland, O.
Ideal Hanger Co., Cleveland, O.
Republic Structural Iron Wks. Co., 1350 E 53rd, Cleveland, O.

599— Bases (Switch)

Bryant Elec. Co., 1421 State, Bridgeport, Conn.
Colgan Wm. H. Co. ("Rex"), West Newton, Mass.
Continental Fibre Co. ("Bakelite-Dilecto," Fibre), Newark Centre, Del.
Estes E. B. & Sons (Electric), 364 5th av, New York *See adv index at end of book*
Freeman E. H. Electric Co. (Porcelain), Trenton, N. J.
Gur Pressed Steel Co., Lansing, Mich.
Hart & Hegeman Mfg. Co., 342 Capitol av, Hartford, Conn.
Hemming Mfg. Co., Garfield, N. J.
Johns H. W.-Manville Co., Madison av & 41st, New York
Lin-Stun Co., 5010 Glaster, Pittsburgh, Pa.
O'Day Bros. (Slate), Hydeville, Vt.
Pass & Seymour ("P & S"), Solvay, N. Y.
Perkins Electric Switch Mfg. Co., Bridgeport, Conn.
Stone Base & Panel Co., Columbus, O.
Weber Electric Co., Schenectady, N. Y.

600— Bases (Trolley)

Bayonet-Trolley-Harp Co., Springfield, O.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Holden & White, Fisher bldg, Chicago, Ill.
Holland Trolley Supply Co. (Ball Bearing), 1623 E 43rd, Cleveland, O.
Horne Mfg. Co., Brooklyn, N. Y.
Lord Mfg. Co. ("Sterling-Meaker" Roller Bearings), 105 W 40th, New York
NUTTALL R. D. CO. ("Union," "Standard"), McCandless & Harrison av, Pittsburgh, Pa. *See adv index at end of book*
Ohio Brass Co., Mansfield, O.
Recording Fare Register Co., New Haven, Conn.
Trolley Supply Co. ("Simplex," Roller Bearing), Canton, O.
Wassan Trolley & Mfg. Co. (Pole Bases), Milwaukee, Wis.

601— Basins (Catch)

American Foundry & Mfg. Co. (Cast Iron), 11th & Herbert, St. Louis, Mo.
Aylward Sons Co., Neenah, Wis.
Burch Plow Works Co., Crestline, O.
Burr Co., Champaign, Ill.
Canton Foundry & Machine Co., Canton, O.
Columbian Iron Works, Chattanooga, Tenn.
Davies & Thomas Co., Catasauqua, Pa.
Decatur Foundry Furnace & Machine Co., Decatur, Ind.
Dobbie Foundry & Machine Co., Main Office & Works: Niagara Falls, N. Y.
Duplex Mfg. & Foundry Co., Euclid, O.,
Elkhart Iron Works ("Elkhart" Cast Iron Blow Off Gravel & Drainage), Elkhart, Ind.
Estabrook's R. Sons ("Estabrook"), 202 1st, Boston, Mass. *See adv index at end of book*
Galena Foundry & Machine Co., Galena, Kan.
Gillie Machine Co., Tonawanda, N. Y.
Gross Geo., Rockaway Beach, L. I.
Holbrook-Armstrong Iron Co., Racine, Wis.
Industrial Iron Works, Clinton, Mo.
Madison Foundry Co. ("Acme"), Cleveland, O.
Meyer Foundry & Mfg. Co., South Bend, Ind.
Munnsville Plow Co., Munnsville, N. Y.
Parsons G. W. Co., Newton, Ia.
Rothe Jos. F. Foundry Co., Green Bay, Wis.
Sessions Foundry Co., Bristol, Conn.
Townsend Foundry & Machine Shop Co., Broadway & Rensselaer, Albany, N. Y. *See adv index at end of book*
Wade Iron Sanitary Mfg. Co., 551 Fulton, Chicago, Ill.
Youngstown Foundry & Machine Co., Youngstown, O.

Basins (Wash)

See Enamel Ware Mfrs.
Also Tin Ware Mfrs.

602— *Baskets (Bon-Bon)

SCHIMPER WM. & CO., 322-338 Ferry, Hoboken, N. J. & 33 Union Sq. W, New York

603— Baskets (Clothes)

Bailie Basket Co. (Rattan, Willow, etc), 82 Sudbury, Boston, Mass.
Ballou M. E. & Son Co., Becket, Mass.
Burlington Basket Co., Burlington, Ia.
Burlington Willow Ware Shops ("Willo Ware"), Burlington, Ia.
Butler Basket Co. (Fine Splint Maple Reed, etc), Butler, Ind.
Huke Wm. Rattan & Willowware Mfg. Co., 1007 S 7th, St. Louis, Mo.
Peru Basket Co. (Splint, Reed, etc), Peru, Ind.
Steinfeld Bros. (Willow Baskets, Hampers, etc), 116 W 32d, New York
Thurwachter L. L. & Sons (Hand-made, Willow, etc.), 215 W Fayette, Syracuse, N. Y.

604— Baskets (Coal, Etc.)

American Commercial Corp. (Canvas), 120 B'way, New York
Butler Basket Co. (Bamboo, etc), Butler, Ind.
Edgerton Mfg. Co., Plymouth, Ind.
Excelsior Bag & Mfg. Co., Troy, N. Y.
Morris & Co. (Cotton Ducke), Groveville, N. J.
Peru Basket Co. (Iron Bound, Bamboo, etc), Peru, Ind.
Sackett, H. B. Screen & Chute Co., 1691 Elston av, Chicago, Ill.
Steel Basket Co. (Corrugated Steel), Cedar Rapids, Ia.

605-6—Baskets (Counter Display)

Burlington Willow Ware Shops, Burlington, Ia.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Meyers Fred. J. Mfg. Co., Hamilton, O. *See adv index at end of book*
Morgan Spring Co., Worcester, Mass. *See adv index at end of book*
Parker Wire Goods Co. (Wire), Worcester, Mass.
Peerless Wire Goods Co., Lafayette, Ind.
Progressive Wire Goods Co., 528 Commerce, Phila., Pa.
Rattan Mfg. Co. ("Sawyer Silent Salesman," "Rattan"), New Haven, Conn.
Wire Goods Co. (Wire), Worcester, Mass.
Woods-Sherwood Co., Worcester, Mass.

607— Baskets (Dipping)

See also Stoneware, Chemical

Driver-Harris Co. ("Nichrome"), Harrison, N. J.
General Ceramic Co. (Acid Proof), 50 Church, New York
Jelliff C. O. Mfg. Corp., Southport, Conn.
Knight Maurice A., East Akron, O.
Kraft A. C., 323 W Lake, Chicago, Ill.
Smith John P. & Co. (All Metals), New Haven, Conn.
WRIGHT WIRE CO. (Steel & Brass Wire), Worcester, Mass. *See adv index at end of book*

Baskets (Fibre)

See Baskets, Mill

608— Baskets (Flower)

Burlington Willow Ware Shops ("Willow Ware"), Burlington, Ia.
Zinn Chas. & Co., 893 B'way, New York

609— Baskets (Frying)

See also Baskets, Wire

Andrews Wire & Iron Works, Rockford, Ill.
Morgan Spring Co., Worcester, Mass. *See adv index at end of book*
National Mfg. Co. ("Natwire"), Worcester, Mass.
Royal Mfg. Co., Denckla bl, Phila., Pa.
Wilson Mfg. Co., Niles, O.

610-11—Baskets (Galvanized Steel)

Atlantic Stamping Co. (Galvanized Iron), 156-180 Ames, Rochester, N. Y.
Crunden Martin Mfg. Co., 2d & Gratiot, St. Louis, Mo.
Geuder, Paeschke & Frey Co., Milwaukee, Wis. *See adv index at end of book*
Lisk Mfg. Co. (Ltd.) ("Lisk," Aluminum Galvanized), Canandaigua, N. Y.
National Enameling & Stamping Co., 411 5th av, New York
Republic Metalware Co., The, Buffalo, N. Y.
Rochester Can Co., Rochester, N. Y.
Rochester Stamping Co., Rochester, N. Y.
Steel Basket Co. (Corrugated), Cedar Rapids, Ia.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling W. Va.

612—Baskets, Hampers & Touring Cases (Automobile)

A. Z. Co. (Metal Hampers), 527 W 56th, New York
Bailie Basket Co., 82 Sudbury, Boston, Mass.
Burlington Basket Co., Burlington, Ia.
Burlington Willow Ware Shops, Burlington, Ia.
Butler Basket Co., Butler, Ind.
Chicago Willoware Co., 542 E 47th, Chicago, Ill.
Fuller G. W. Co., Hartford, Conn.
Heywood Bros. & Wakefield Co., Gardner, Mass.
Holbrook Raw Hide Co., 748 N Main, Providence, R. I.
Kroh C. Z. Mfg. Co., Toledo, O.
Leipzig A. (Inc.), 127 W 17th, New York
Morrison L. E. & Co., 27 W Washington, Indianapolis, Ind.
Nathan Novelty Mfg. Co., 88 Reade, New York
Niagara Auto Radiator Co. (Metal Hampers), 151 W 68th, New York
Peru Basket Co., Peru, Ind.
Post & Lester Co., Hartford, Conn.
Rattan Mfg. Co., New Haven, Conn.
Reliable Auto Parts Co. (Metal Hampers), 244 W 49th, New York
Rumpp C. F. & Sons (Luncheon Baskets), 5th & Cherry, Phila., Pa.
Taylor C. A. Trunk Works, 28 E Randolph, Chicago, Ill.
Williams Mfg. Co. (Ash or Rattan), Northampton, Mass.
Winship W. W., 71 Summer, Boston, Mass

613— Baskets (Mill)

American Vulcanized Fibre Co. ("Laminar" Dept), 504 Equitable bldg, Wilmington, Del.
Ballou M. E. & Son Co., Becket, Mass.
Burlington Basket Co. (Canvas, Rattan & Splint), Burlington, Ia.
Butler Basket Co. (Bamboo, etc), Butler, Ind.
Crane Bros., Westfield, Mass.
Cummings Josiah & Son ("Hub" Fibre), 657 Atlantic av, Boston, Mass.
DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works: Marshallton, Del.
See adv index at end of book
Diamond State Fibre Co. (Hard Fibre), Elsmere, Del.
Hardy Frank H. (White Oak), Andover, Mass.
Lane W. T. & Bro. (Canvas & Steel Frame), Poughkeepsie, N. Y.
Lansing Co., Lansing, Mich.
Leatheroid Mfg. Co., 121 Beach, Boston, Mass.
Morris & Co (Cotton Duck), Groveville, N. J.
National Fibre & Insulation Co. (Fibre), Yorklyn, Del.
Rogers Fibre Co. (Leatheroid Mfg. Co.), ("Leatheroid"), 121 Beach, Boston, Mass. *See adv index at end of book*
Spaulding J. & Sons Co. (Fibre), North Rochester, N. H.
See adv index at end of book
Standard Fibre Co. (Hard Fibre), Miller st, Somerville, Mass.
Steel Basket Co. (Mounted on Casters), Cedar Rapids, Ia.
Williams Mfg. Co. (Bamboo or Oak, also Iron Strapped & Iron Wheels or Casters), Northampton, Mass.

614— Baskets (Rawhide)

Barlow John W. Co., Lawrence, Mass.
Holbrook Raw Hide Co., 748 No Main, Providence, R. I.

615— Baskets (Refrigerator)

Burlington Basket Co. ("Hawkeye"), Burlington, Ia.

616— Baskets (Satchel)

Burlington Basket Co., Burlington, Ia.

617— Baskets (Sheet Steel)

Erie Art Metal Co., Erie, Pa.
Erie Metal Products Co., Erie, Pa.
Hall Mfg. Co. ("Schoenheer"), Monticello, Ia.
Metal Office Furniture Co., Grand Rapids, Mich.
Steel Basket Co., Cedar Rapids, Ia.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), (Galvanized & Japanned), Wheeling, W. Va.

618— Baskets (Stave)

Burlington Basket Co., Burlington, Ia.
Butler Basket Co. (Elm, etc, Bushel, etc), Butler, Ind.
Farmers Mfg. Co., Norfolk, Va.
New Albany Box & Basket Co., New Albany, Ind.
Peru Basket Co., Peru, Ind.

618a— Baskets (Ticker)

Erie Art Metal Co., Erie, Pa.

618b— Baskets (Towel)

Erie Art Metal Co., Erie, Pa.

619— Baskets (Waste Paper)

See also Baskets-Mill; Sheet Steel; Wire
American Vulcanized Fibre Co. ("Vul-Cot" Hard Fibre), 504 Equitable bldg, Wilmington, Del.
Andrews Wire & Iron Works (Wire), Rockford, Ill.
Angle Steel Stool Co. (Metal), Otsego, Mich.
Art Metal Construction Co., Jamestown, N. Y.
Baillie Basket Co. (Willow), 82 Sudbury, Boston, Mass.
Barbee Wire & Iron Works (Wire), 176 N Dearborn, Chicago, Ill.
Browne Morse Co. (Wood), Muskegon Heights, Mich.
Burlington Basket Co., Burlington, Ia.
Burlington Willow Ware Shops ("Willow Ware"), Burlington, Ia.
Crane Bros. (Fibre), Westfield, Mass.
Derby Desk Co. (Wood), Somerville, Mass.
Diamond State Fibre Co. (Fibre), Elsmere, Del.
Duggan-Rider Co. (Cold Rolled Steel, Oxidized, Copper or Brushed Brass), Erie, Pa.
Erie Art Metal Co. ("Dan-Dee" Fireproof), Waste Baskets, Erie, Pa.
Erie Metal Products Co., Erie, Pa.
Fireproof Furniture & Construction Co., Miamisburg, O.
Franke George Sons Co. (Paper), 112 So Eutaw, Baltimore, Md.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Heywood Bros. & Wakefield Co. (Reed), Gardner, Mass.
Huke Wm. Rattan & Willow Ware Mfg. Co. (Rattan & Willow), 1007 S 7th, St. Louis, Mo.
Massillon Wire Basket Co. ("Daisy"), Massillon, Ohio
Metal Office Furn. Co. (Metal), Grand Rapids, Mich.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Nat'l Fibre & Insulation Co., Yorklyn, Del.
National Mfg. Co. ("Natwire" Wire), Worcester, Mass.
Norwich Wire Works, Norwich, N. Y.
Parker Wire Goods Co. (Wire), Worcester, Mass.
Peerless Wire Goods Co., Lafayette, Ind.
Peru Basket Co. (Bamboo & Splint), Peru, Ind.
Progressive Wire Goods Co. (Wire), 528 Commerce, Phila., Pa.
Rochester Can Co. (Steel), Rochester, N. Y. *See adv index at end of book*
Rogers Fibre Co. (Leatheroid Mfg. Co.) ("Leatheroid'), 121 Beach, Boston, Mass. *See adv index at end of book*
Spiro C. Mfg. Co., 68 E 131st, New York
York
Standard Fibre Co. (Hard Fibre), Miller, Somerville, Mass.
Standard Wire Co. (Wire), New Castle, Pa.
Steinfeld Bros. (Willow Ware), 116 W 32d, New York
Stow & Davis Furniture Co., Grand Rapids, Mich.
Syracuse Basket Co. (Willow), Syracuse, N. Y.
Williams Mfg. Co. (Rattan, etc.), Northampton, Mass.
Wire Goods Co. (Wire), Worcester, Mass.
Wire Hardware Co., 6126 S La Salle, Chicago, Ill.
Wire & Metal Wares Co. (Steel), Erie, Pa.
Woods-Sherwood Co. (Wire), Worcester, Mass.

620— Baskets (Willow, Trout)

Basket Importing Co., 119 W 23d, New York
Krauss & Co., 11 W Houston, New York
Leipzig A. (Inc.), 127 W 17th, New York
Zinn Chas. & Co., 893 B'way, New York

621—Baskets (Willow & Split)

Basket Nov. Corp., 75 W Houston, New York
Burlington Willow Ware Shops ("Willow Ware"), Burlington, Ia.
Omaha Reed & Rattan Co., Omaha, Neb.
Rattan Mfg. Co., New Haven, Conn.

622— Baskets (Wire)

Andrews Wire & Iron Works, Rockford, Ill.
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.
Columbus Wire & Iron Wks. Co. (Canners), Columbus, O.
Electrical Alloy Co. (Dipping), Morristown, N. J.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Hibbard Basket Works, South Butler, N. Y.
Jelliffe C. O. Mfg. Corp. ("Ferrocal" Heat Treating), Southport, Conn.
Krauss & Co., 11 W Houston, New York
Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
Leipzig A. (Inc.), 127 W 17th, New York
Massillon Wire Basket Co., Massillon, O.
Metropolitan Basket Co., 151 Spring, New York
Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
National Mfg. Co. ("Natwire"), Worcester, Mass.
Norwich Wire Works, Norwich, N. Y.
Parker Wire Goods Co. (Counter, Letter, Mail, Sponge, Toilet Paper, Waste Paper, Frying, etc), Worcester, Mass.
Peerless Wire Goods Co., Lafayette, Ind.
Progressive Wire Goods Co. (And Office Wire Goods), 528 Commerce, Phila., Pa.
Racine Iron & Wire Works (Hanging), Racine, Wis.
Ruhmann G. E., Schulenburg, Texas.
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Smith John P. & Co., New Haven, Conn.
Standard Wire Co., New Castle, Pa.
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
Union Steel Products Co., Ltd., Albion, Mich.
Wire Hardware Co., 6126 S La Salle, Chicago, Ill.
Wisconsin Iron & Wire Wks., Milwaukee, Wis.
Woods-Sherwood Co. (Counter, Desk, Sponge, Fruit, Twine, Waste Paper, etc), Worcester, Mass.

623—Baskets (Wooden Market)

Burlington Basket Co., Burlington, Ia.
Bryant John T., Springfield, O.
Farmers Mfg. Co., Norfolk, Va.
Maney M. J., Geneva, N. Y.

624— Basofor

Waldo E. M. & F., Selling Agents, 11 B'way, New York

625— Basswood

Black Robt. & Co., Bay City, Mich.
Doud Sons & Co., Winona, Minn.
Dulweber Jno. Co., Findlay & McLean, Cincinnati, O.
Dwight Lumber Co., Detroit, Mich.
Elias G. & Bro., 965 Elk, Buffalo, N. Y.
Grand Rapids Veneer Works, Grand Rapids, Mich.
Goodwillie Bros., 10 La Salle, Chicago, Ill
Jones Hardwood Co., 10 High, Boston Mass.

626— Batch Mixing Plants

Heyl & Patterson, 51 Water, Pittsburgh Pa.
Werner & Pfleiderer Co., 1232 N. Niagara Saginaw, Mich.
See adv index at end of book

627—Bath Cabinets (Thermal Etc.)

Buffalo Bath Cabinet Co., 435 William Buffalo, N. Y.
Cabinet Mfg. Co. ("Superior"), Quincy Ill.
Goethel Alex. G., 815 Winnebago, Milwaukee, Wis.
New York Bath Mfg. Co. (Vapor), 10 Chambers, New York
Robinson Cabinet Mfg. Co., Toledo, O.
Toledo Cooker Co. ("Ideal" Vapor), Toledo, O
World Mfg. Co., 120 W 3d, Cincinnati, O.

628— *Bath (Oil Tempering)

GENERAL ELECTRIC CO. ("Electric") Schenectady, N. Y.
See adv index at end of book
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

629—*Bath Room Cabinets (Metal, with Mirrors & Glass Shelves)

DAHLSTROM METALLIC DOOR CO., 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book

630—Bath Room Fixtures & Furnishings

Aluminum Goods Mfg. Co. (Aluminum), Manitowoc, Wis.
American Brass & Copper Co. (Full Line), 138 Lafayette, New York
American Ring Co., Waterbury, Conn.
Anderson Geo. H. & Co. (Plate Glass, Towel Bars, Shelves, etc), 1467 W Austin av, Chicago, Ill.
Arlington Works (The) (E. I. du Pont De Nemours & Co.), 21 E. 40th, New York
Art Brass Co. ("San-o-la" Cast & Stamped Brass), 299 E 134th, New York
Badger Brass Mfg. Co., Kenosha, Wis.
Barrett Jas. Mfg. Co., 117 Pearl, Boston, Mass.
Bay Ridge Specialty Co. ("All White" Vitreous China), 5613 First av, B'klyn, N. Y.
Behrer & Co., 81 Beekman, New York
Bens S. J. Mfg. Corp., Herkimer, N. Y.
Blessing C. A., 518 Montgomery av, Phila., Pa.
Bloom Flusher Co. (Closet & Shower Bath Attachments), Tiffin, O.
Boston Mirror Co. (Mirrors, Glass Shelves, Medicine Cabinets, etc), 69 Sudbury, Boston, Mass.
Brey & Krause Mfg. Co., Allentown, Pa.
Buffalo Mfg. Co. (Soap & Sponge Holders, Towel Racks, etc), Buffalo, N. Y.
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Central Specialty Mfg. Co., 508 S Peoria, Chicago, Ill.
Church C. F. Mfg. Co. (White Pyralin), Holyoke, Mass.
Clarke Robert, 100 Schermerhorn, Brooklyn, N. Y.
Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
Columbus Brass Co., 538 Dublin av., Columbus, O. *See adv index at end of book*
Dalton-Ingersoll Mfg. Co., 52 Chauncy, Boston, Mass.
Dayton Mfg. Co., Dayton, O.
Dearborn Brass Co., Cedar Rapids, Ia.
Detroit Sanitary Supply Co., 1191 Second, Detroit, Mich.
Diamond Mfg. Co., Detroit, Mich.
Douglas Jno. Co., Carthage, Cincinnati, O.
Eastern Specialty Mfg. Co., Scranton, Pa.
Ebinger D. A. Sanitary Mfg. Co., 181 Lucas, Columbus, O.
Edwardsville Brass Co. (Soap Cups, Tumbler-Holders, Comb & Brush Trays, Bath Seats, etc), Edwardsville, Ill.
Eustis J. P. Mfg. Co. ("Brasscrafters," Soap Dishes, Towel Bars, Mirrors, Medicine Cabinets, etc), Cambridge, Mass.
Federal-Huber Co., 234 N Halsted, Chicago, Ill.
Forsyth Metal Goods Co. (Towel Bars, Tumbler Holder, Comb & Brush Shelf, Soap Tray, etc), E. Aurora, N. Y.
Foster Merriam & Co., Meriden, Conn.
Frost Mfg. Co., Kenosha, Wis.
Frank & De Keyser, 33 Park pl, New York
Galard Co. ("Omala"), 335 6th av, Newark, N. J.
Garden City Plating & Mfg. Co., 1430 S Talman av, Chicago, Ill.
Gaynor Mfg. Co., Bridgeport, Conn.
Haines, Jones & Cadbury Co. ("Hajoca"), 1136 Ridge av., Phila., Pa.
Hamblin & Russell Mfg. Co. (Wire), Worcester, Mass.
Haydenville Co., Haydenville, Mass.
Heap Wm. & Sons, Grand Haven, Mich.
Hoffmann & Billings Mfg. Co., 100 2nd, Milwaukee, Wis.
Humphryes Mfg. Co., Mansfield, O.
Ideal Mfg. Co., Franklin & Dubois, Detroit, Mich.
Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill. *See adv index at end of book*
Improved Sanitary Fixture Co., 612 Metropolitan bldg, Los Angeles, Cal.
Landers, Frary & Clark ("Universal"), New Britain, Conn.
McCambridge Co., 20th & Wood, Phila., Pa.
Manning, Bowman & Co., Meriden, Conn.
Metal Crafters, East Stroudsburg, Pa.
See adv index at end of book
Morgan Spring Co. (Towel Brackets & Soap Dishes), Worcester, Mass.
See adv index at end of book
Mott J. L. Iron Works, Trenton, N. J.
Murdock Mfg. & Supply Co., 426 Plum, Cincinnati, O.
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
National Mfg. Co. ("Natwire"), Worcester, Mass.
Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill. *See adv index at end of book*
Novelty Mfg. Co. ("Wilwear" Trimmings, Soap Dishes, Backs, etc), Waterbury, Conn.
Park & McKay, 55 Bagley av, Deroit, Mich.
Parker Chas. Co., Meriden, Conn.
Rumsey L. M. Mfg. Co., 810 N 2d, St. Louis, Mo.
Rundle-Spence Mfg. Co., 63 2d, Milwaukee, Wis.
Savill's Thos. Sons, 1310 Wallace, Phila., Pa.
Searls Mfg. Co. ("Palette Brand," "Star Brand"), 29 Mulberry, Newark, N. J.
Schaffer, Chas. W. Co., 3214 Chestnut, Philadelphia, Pa.
Sillcocks-Miller Co. ("Celluvarno"), South Orange, N. J.
Smith E. C. Mfg. Co., 120 N Union av, Chicago, Ill.
Speakman Supply & Pipe Co. (Cocks, Faucets, Bath Fixtures, etc.), Wilmington, Del.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Stebbins E. Mfg. Co., Springfield, Mass.
Stephenson C. H. ("Stephenson" Towel Rods, Medicine Cabinets, Soap & Sponge Holders), Lynn, Mass.
Sternau S. & Co., 35 Gold, Brooklyn, N. Y.
Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
Superior Brass Novelty Co. (Brass), 545 E 116th, New York
Sweeney W. H. Mfg. Co. (Soap Dishes, Towel Bars, Brush & Tumbler Holders, etc), 30 Main, Brooklyn, N. Y.
Trenton Brass & Machine Co., Trenton, N. J.
Waterbury Mfg. Co. (Bath Sprays, etc), Waterbury, Conn.
Webb F. W. Mfg. Co., 56 Elm, Boston, Mass.
Wolff L. Mfg. Co., 111 N Dearborn, Chicago, Ill.
Wolverine Brass Works (Towel Bars, Soap Cups, etc), Grand Rapids, Mich.

Bath Tubs (Ceramic)

See Bath Tubs, Porcelain

631— Bath Tubs (Copper)

See also Boilers, Copper Range

Blessing C. A., 516 Montgomery av, Phila., Pa.
Detroit Tank & Seat Co., Detroit, Mich.
Fleck Bros. Co., 44 N 5th, Phila., Pa.
Johnson J. D. Co., 43 Boerum pl, Brooklyn, N. Y., & 54 Cliff, New York
Rumsey L. M. Mfg. Co., 810 N 2d, St. Louis, Mo.
Walker Mfg. & Supply Co., Shelby & Woodbridge, Detroit, Mich.

632—Bath Tubs (Enameled Iron)

Cahill Iron Works ("Southern Beauty"), Chattanooga, Tenn.
Ebinger D. A. Sanitary Mfg. Co., 181 Lucas, Columbus, O.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Iron City Sanitary Mfg. Co., Oliver bldg, Pittsburgh, Pa. Works: Zelienople, Pa.
Kohler Co. ("Sovereign," "Imperial"), Sheboygan, Wis.
McVay-Walker Co. ("Seneca," "Mendota," "Winona," "Narco"), Braddock, Pa.
Mott J. L. Iron Works, Trenton, N. J.
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
Peck Bros. & Co., New Haven, Conn.
Richmond Radiator Co., 1480 B'way, New York
Rundle Mfg. Co., 27th & Wahl, Milwaukee, Wis.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Union Sanitary Mfg. Co., Noblesville, Ind.
United States Sanitary Mfg. Co., Arrott bldg, Pittsburgh, Pa., & Monaca, Pa.
WEISKITTEL A. & SON CO., 12th & E Lombard, Baltimore, Md.
Wheeling Sanitary Mfg. Co. ("Porcelain," Enameled Iron), Wheeling, W. Va.
Wolff L. Mfg. Co., 111 N Dearborn, Chicago, Ill.

633— Bath Tubs (Folding)

Acme Folding Boat Co., Miamisburg, O.
Davol Rubber Co. ("Robinson" Rubber), 69 Point, Providence, R. I.
New York Bath Mfg. Co., 103 Chambers, New York
Robinson Cabinet Mfg. Co., Toledo Factories bldg, Toledo, Ohio

634—Bath Tubs (Galvanized Steel Enameled)

Columbian Steel Tank Co., New England bldg, Kansas City, Mo.
Detroit Tank & Seat Co., Detroit, Mich.
Walker Mfg. & Supply Co., Shelby & Woodbridge, Detroit, Mich.

635— Bath Tubs (Infants')

Central Stamping Co., 174 Fulton, New York
GEUDER, PAESCHKE & FREY CO. (Galvanized, Japanned & Enameled Sheet Iron), Milwaukee, Wis.
See adv index at end of book
Iron City Sanitary Mfg. Co., Oliver bldg, Pittsburgh, Pa.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Lisk Mfg. Co. (Ltd.) ("Lisk" Anti-Rust), Canandaigua, N. Y.
Monument Pottery Co., Trenton, N. J.
Mott J. L. Iron Works, Trenton, N. J.
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
National Enameling & Stamping Co., 411 5th av, New York
Standard Sanitary Pottery Co., Elizabeth, N. J.
Trenton Fire Clay & Porcelain Co., Trenton, N. J.
Trenton Potteries Co., Trenton, N. J.
Wheeling Sanitary Mfg. Co., Wheeling, W. Va.

636— Bath Tubs (Porcelain)

Cahill Iron Works, Chattanooga, Tenn.
Fords Porcelain Works, Perth Amboy, N. J.
General Ceramics Co. ("Phoenix"), 50 Church, New York
Monument Pottery Co., Trenton, N. J.
Mott J. L. Iron Works, Trenton, N. J.
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
Trenton Potteries Co. Trenton, N. J.

637—Bath Tubs (Sheet Steel)

Butler Mfg. Co., Kansas City, Mo.
Detroit Tank & Seat Co., Detroit, Mich.
Walker Mfg. & Supply Co., Shelby & Woodbridge, Detroit, Mich.

Bath Tubs (Slate)

See Laundry Tubs, Slate

638— Bath Tubs (Tin)

Blanke W. F. Can & Mfg. Co., 116 Pine, St. Louis, Mo.
Central Stamping Co., 172 Fulton, New York
Dover Stamping & Mfg. Co. ("Enameled White Inside"), Cambridge, Mass.
McAleer E. J. & Co., 1422 N 8th, Phila., Pa.
National Enameling & Stamping Co., 411 5th av, New York

When writing to firms listed in this book please, mention HENDRICKS' COMMERCIAL RECISTER

639— Bathing Suit Mfrs.

Alberta Knitting Mills, Lenta & Armat, Gtn, Phila., Pa.
American Hosiery Co., New Britain, Conn.
American Knitting Co., Honesdale, Pa.
American Knitting Co., Waltham, Mass.
American Knitting Mills, Central Tr. bldg, Phila., Pa.
Anchor Knitting Mills, Cohoes, N. Y.
Berwin Knitting Mills, 424 Bainbridge, Brooklyn, N. Y.
Brown Knitting Co., Warsaw, N. Y.
Cache Knitting Works, Logan, Utah
Canasawacta Knitting Co., Sherburne, N. Y.
Carlton Mills Co., Coral & Adams, Phila, Pa.
Chapman Knitting Mills, 68 E 131st, New York
Colonial Knitting Mills, 291 Essex, Brooklyn, N. Y.
Crescent Company, 53 E 21st, New York
Crossingham Knitting Mills, 243 Ashmead, Gtn, Phila., Pa.
Elboeuf Knitting Co., Utica, N. Y.
European Knitting Mills, 80 Manhattan av, Brooklyn, N. Y.
Florence Knitting Mills, Lehigh & Mutter, Phila., Pa.
Fruchthendler L. & Co., 616 E 5th, New York
Gantner & Mattern Co., Grant av & Post, San Francisco, Cal.
Germania Knitting Works, 440 Canal, New York
Gotham Knitting Mills, 30 W 21st, New York
Hutton Mfg. Co., 44 N 3d, Phila., Pa.
Hygienic Fleeced Underwear Co., 2415 Howard, Phila, Pa.
Ideal Knitting Mills, 587 Hendrix, Brooklyn, N. Y.
Illinois Knitting Mills, 640 B'way, Brooklyn, N. Y.
Levin Wm., 204 Canal, New York
Levine & Co., 291 Essex, Brooklyn, N. Y.
Long Island Knitting Mills Co., 335 Throop av, Brooklyn, N. Y.
Mendelson Herman, 159 Court, Brooklyn, N. Y.
Michigan Knitting Co., Lansing, Mich.
Milbury Atlantis Mfg. Co., 543 B'way, New York
National Knitting Works Co., 1967 E 57th, Cleveland, O.
Nehrich R. B., 1260 B'way, Brooklyn, N. Y.
N. Y. Knitting Mills, 141 Wooster, New York
Newark Knitting Works, 587 S 10th, Newark, N. J.
Noon E. & Son, 4019 Gtn av, Phila., Pa.
North American Knitting Mills, 740 Flushing av, Brooklyn, N. Y.
Nostrand Knitting Mills, 1287 Madison, Brooklyn, N. Y.
Novelty Knitting Co., Woonsocket, R. I.
Nusbaum D. & Co., 341 5th av, New York
Ocean Bathing Suit Co., 116 W 23rd, New York
Osborne Wm., 1116 W Montgomery av, Phila., Pa.
Passaic Knitting Works, Garfield, N. J.
Pfister J. J. Knitting Co., P. O. Sta. A., Berkeley, Cal.
Progressive Knitting Works, 422 S 5th, Brooklyn, N. Y.
Roper Bros. Co., Needham Heights, Mass.
Rosen Knitting Mills, 441 Blake av, Brooklyn, N. Y.
Salt Lake Knitting Works, Salt Lake City, Utah
Somerset-Knitting Co., 1 Station, Boston, Mass.
Spicer John, 84 Woodbine, Brooklyn, N. Y.
Stall & Dean Mfg. Co., Brockton, Mass.
Starrels, Morris & Co., 2122 E Dakota, Phila., Pa.
Suffolk Knitting Co., East Boston, Mass.
Thurman Mfg. Co., 427 Ashmead, Phila., Pa.
Treinis Bros., 126 13th, Brooklyn, N. Y.
Vassar Knitting Works, Bay City, Mich.
Webber Geo. F. (Hand Knit), Detroit, Mich.
West Branch Knitting Co., Milton, Pa.
Western Knitting Mills, 231 Maujer, B'klyn, N. Y.
Wye Geo. E. Co., Needham, Mass.
Wye Wm. H. & Co., Needham, Mass.

640—Baths (Blotter or Copying Cloth)

Adams Mfg. Co., 2230 Market, Phila., Pa.
Asbestos Copying Bath Co., 26 Barclay, New York
Cincinnati Tool Co., Cincinnati, O.
Colonial Office Appliance Co., 98 Park pl, New York
Eureka Blotter Bath Co. ("Eureka"), 6221 Wentworth av, Chicago, Ill.
Hill Independent Mfg. Co., Phila., Pa.
Jean C. W. Co., 116 Nassau, New York
Spurgin Mfg. Co., 7011 Vincennes av, Chicago, Ill.

641— Baths (Electric Light)

Burdick Cabinet Co., 15 E Washington, Chicago, Ill.
Edmands Walter S., 134 Congress, Boson, Mass.
Metropolitan Engineering Co., 35 Vestry, New York
Ten Broeck & Huber, 214 E 23rd, New York

642—Baths (Needle & Shower)

American Brass & Copper Co., 138 Lafayette, New York
Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
Dalton-Ingersoll Mfg. Co., 52 Chauncy, Boston, Mass.
Douglas Jno. Co., Carthage, Cincinnati, O.
Edwardsville Brass Co., Edwardsville, Ill.
Eichman J. C. Mfg. Co., Bush & Wicomico, Baltimore, Md.
Eustis J. P. Mfg. Co. ("Brasscrafters"), Cambridge, Mass.
Federal-Huber Co., 234 N Halsted, Chicago, Ill.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Imperial Brass Mfg. Co. ("Ingham" Shower Mixer), 524 S Racine av., Chicago, Ill. *See adv index at end of book*
McCambridge Co., 20th & Wood, Phila., Pa.
McElraevy & Hauck Co. (Enameled Iron & Solid Porcelain Nickel Plated Shower), 440 B'way, Brooklyn, N. Y.
Meyer-Sniffen Co., 11 W 36th, New York
Mott J. L. Iron Works, Trenton, N. J.
NASON MFG. CO., 71 Fulton, New York *See adv index at end of book*
Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
Peck Bros. & Co., New Haven, Conn.
Rumsey L. M. Mfg. Co., 810 N 2nd, St. Louis, Mo.
Rundle-Spence Mfg. Co., 63 2nd, Milwaukee, Wis.
Speakman Supply & Pipe Co., Wilmington, Del.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
Wolff L. Mfg. Co., 111 N Dearborn, Chicago, Ill.

643—Baths (Plunge & Shower, for Ships)

Dalton-Ingersoll Mfg. Co., 52 Chauncy, Boston, Mass.

644—Baths (Portable Shower)

Cleveland Blow Pipe & Mfg. Co., 6950 Kinsman rd, Cleveland, O.
Cline L. Mfg. Co., 1239 S Wabash av, Chicago, Ill.
Columbia Brass Works, 740 N Franklin, Chicago, Ill.
Curtainless Shower Co., 25 W B'way, New York
Edwardsville Brass Co., Edwardsville, Ill.
Elgin Brass Co., 21 Park row, New York
Eustis J. P. Mfg. Co. ("Brass Crafters"), Cambridge, Mass.
NASON MFG. CO., 71 Fulton, New York *See adv index at end of book*
Speakman Supply & Pipe Co., Wilmington, Del.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Weiskittel A. & Son Co. ("Luxuria"), 12th & E Lombard, Baltimore, Md.
Wolverine Grass Works, Grand Rapids, Mich.

645— Baths (Tinning)

Sperry D. R. & Co., Batavia, Ill.

646— Bats (Baseball)

Brinser E. C. Sons ("Richmond"), Richmond, Va.
Chicago Sporting Goods Mfg. Co. ("Ratsch-Peerless"), 123 S Jefferson, Chicago, Ill.
ESTES E. B. & SONS, 364 5th av, New York. *See adv index at end of book*
Goldsmith's P. Sons, John Findlay & Charlotte, Cincinnati, O.
Granberg Emil, St. Louis, Mo.
Hickson-Rogers Mfg. Co., Paragould, Ark.
Hillerich J. F. & Sons Co. ("Louisville Slugger"), Louisville, Ky.
Jarvis W. B. Co. ("Ty Cobb"), Grand Rapids, Mich.
McLaughlin, Bundy & Sinsbaugh, Haas bldg, Los Angeles, Cal.
Peach J. A. ("Peach"), Gloversville, N. Y.
Piper B. H. Co., Manchester, N. H.
Prouty C. & Co., Eldred, Pa.
Rademaker H. & Sons, Grand Rapids, Mich.
Saginaw Wood Products Co., Gaylord, Mich
Simmons Hardware Co., 9th & Spruce, St. Louis, Mo.
Spalding A. G. & Bros., 126 Nassau, New York
Stall & Dean Mfg. Co. ("Stall & Dean"), Brockton, Mass.
Tryon Edw. K. Co. ("Old Hickory"), 611 Market, Philadelphia, Pa.
Wright & Ditson, 344 Washington, Boston, Mass.
Zimmerman J. N., Owosso, Mich.

647— Battens (Metallic)

Metallic Batten Co., Owensville, Ind.
Schranger & Johnson, Atlantic, Ia.

Batteries (Automobile)

See Batteries, Dry; also Batteries, Storage

648— Batteries (Blasting)

See also Blasting Fuse, Caps, Etc.

Grasselli Powder Co., Guardian bldg, Cleveland, O.
National Carbon Co. ("Hercules Red Label," "Columbia Ignitor"), Madison, N W & W 17th, Guardian bldg, Cleveland, O.
Star Electric Fuse Works ("Lilliput," "Push-Down"), Wilkes-Barre, Pa.

Batteries (Closed Circuit)

See Batteries, Open & Closed Circuit

649— Batteries (Diffusion)

Dyer Co., Cleveland, O.
Hassell Iron Works Co., Colorado Springs, Colo.
Kilby Mfg. Co., Cleveland, O.
Krajewski-Pesant Corp., 54 Beard, Brooklyn, N. Y.
Pusey & Jones Co., ft. Poplar, Wilmington, Del.
Stearns-Roger Mfg. Co., Denver, Colo.
Swenson Evaporator Co. (Circular), 53 W Jackson blvd, Chicago, Ill.
Whitney Iron Works Co., 849 Tchoupitoulas, New Orleans, La.

When writing to firms whose names appear in this book please mention
HENDRICKS' COMMERCIAL REGISTER.

650— Batteries (Dry)

Allen Machine Works, Miamisburg, O.
American Carbon & Battery Co. ("American"), Signal Hill, East St. Louis, Ill.
American Elec. Battery Wks, 116 Wooster, New York
American Ever Ready Works of Nat'l Carbon Co. ("Daylo Tungsten"), Thompson av, Long Island City, New York
Badger Gas & Gasoline Engine Co., Kansas City, Kan.
Bright Star Battery Co. ("Mar-Stun"), 316 Hudson, New York
Bunnell J. H. & Co. ("Jove," "Standard," "Mascot"), 32 Park pl, New York
Burgess Battery Co., Madison, Wis.
Burn-Boston Battery & Mfg. Wks, 134 State, Boston, Mass.
Burnley Battery & Mfg. Co. ("Burnley"), North East, Pa.
Campion Carbon Co., 1st Natl. Bank bldg, Cincinnati, O.
Chloride of Silver Dry Cell Battery Co., 407 N Paca, Baltimore, Md.
Electric Goods Mfg. Co. ("Sammon," Semi-Dry), Canton, Mass.
Electric Mfg. Co. ("Emco" Sealed), 166 W 6th, St. Paul, Minn.
Enterprise Elec. Novelty Co., 137 Greene, New York
Fairbanks, Morse & Co. ("Eclipse"), 900 S Wabash av, Chicago, Ill.
French Battery & Carbon Co. ("Fleur-de-Lis"), Madison, Wis.
Harper Fred D. ("Masda" & "Secret Service" for Flashlights), Everett, Mass.
Hi-Po Waterproof Battery Corp., 1007 Atlantic av, Brooklyn, N. Y.
Hipwell Mfg. Co., 831 North av, Pittsburgh, Pa.
International Battery Co., 453 Broome, New York
Interstate Electric Novelty Co. ("Franco"), 104 S 4th, Brooklyn, N. Y.
Lincoln Electric Co. ("Enburo," "Hi-Po"), 149 B'way, New York
Manhattan Electric Supply Co. ("Red Seal" "Mesco," "Blue Seal," "Hi-Up,"), 17 Park pl, New York
See adv index at end of book
National Carbon Co. ("Columbia Red Label," "Ignitor," "Hercules," "U. S. Standard," "Globe," "Standby"), Madison av, N W & W 117th, Cleveland, O.
North Electric Co. ("Cannon Cracker"), American Trust bldg, Cleveland, O.
Novo Mfg. Co., 424 W. 33d, New York
Nungesser Carbon & Battery Works of Nat'l Carbon Co., ("1900," 'Acme," "Rapid Fire") 1170 E 38th, Cleveland, O.
Nutter Elec. Equipt. Co., 169 Mass. av, Boston, Mass.
Ohio Electric Works, Cleveland, O.
Sibley Pitman Electrical Corp. ("Climax" Auto Cells for Automobile & Gas Engine Ignition), 19 W 36th, New York
Solar Light Co., 69 Wooster, New York
Stackpole Carbon Co. ("Autocrat," "Hello," "Wizard," "Sun"), St. Marys, Pa.
Standard Electric Novelty Co., 730 W Randolph, Chicago, Ill.
Stanley & Patterson ("Exeter"), 23 Murray, New York
Sunlight Elec. Specialty Co., 453 Broome, New York
Tardie Emil J. ("Leader," "Improved"), 156 5th av, New York
Toledo Battery Co., Toledo, O.
Union Battery Co. ("Power," "Nue"), Belleville, N. J.
Uuited Battery Corp., 42 B'way, New York 164 5th av, New York
Universal Carbon Co., Dundee, Ill.
Universal Novelty Wks, ("Universal"), 164 5th av, New York
Usona Mfg. Co., Hudson, New York
Voltamp Electric Mfg. Co., 407 N Paca, Baltimore, Md.
Wappler Electric Co., 173 E 87th, New York
Waterbury Battery Co. ("Gee Whiz"), Waterbury, Conn.
Wesco Supply Co. ("Red Shield"), 7th & Clark av, St. Louis, Mo.
Western Dry Battery Co., Seattle, Wash.
Western Electric Co. ("Blue Bell," "Red Label"), 463 West, New York
White Star Battery Co. ("White Star," "Red Star"), 126 Chambers, New York
Wilhelm Henry ("Heln"), 70 Frost, Brooklyn, N. Y.

650a— Batteries (Flashlight)

Am Ever Ready Works, Thomson av, Long Island City, N. Y.
French Battery & Carbon Co., Madison, Wis.
Harper Fredk. ("Secret Service") Everett, Mass.
Interstate Elec. Novelty Co., 104 S 4th, Brooklyn, N. Y.

651— Batteries (Ignition)

See also Igniters, Gas & Gasoline Engines
Akar Ignition Co. ("Akar"), 149 Berkeley, Wayne Junction, Phila., Pa.
National Carbon Co. ("Columbia Ignitor," "Columbia Multiple," "U. S. Ignitor," "Columbia Hot Shot"), Madison av, N W & W 117th, Cleveland, O.
Northwestern Storage Battery Co., 140 Mason, Milwaukee, Wis.
Sevison Electric Co., Elkhart, Ind.
United States Light & Heat Corp. ("U-S-L"), Niagara Falls, N. Y.
Universal Battery Co., 3410 S La Salle, Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO. (Automobile), East Pittsburgh, Pa.
See adv index at end of book

652— Batteries (Medical)

And Electro Medical Apparatus

Birtman Electric Co., W Randolph, Chicago, Ill.
Bunnell J. H. & Co. ("No.-4-D-D," "No. 6," "Auto Kure"), 32 Park pl, New York
Chloride of Silver Dry Cell Battery Co., 407 N Paca, Baltimore, Md.
Flemming Otto, 1028 Arch, Phila., Pa.
Gorman Electric Construction Co., 315 Minnesota, St. Paul, Minn.
International Instrument Co., Cambridge, Mass.
Kendrick-Davis Co. ("K-D"), Lebanon, N. H.
Knapp Elec. & Novelty Co. ("Verilife," "Electrophits"), 511 W 51st, New York
McElliott D. P., 175 N State, Chicago, Ill.
McIntosh Battery & Optical Co., 217 Desplaines, Chicago, Ill.
MANHATTAN ELECTRICAL SUPPLY CO. ("Home," "Anti-Doc." Also attachment), 17 Park pl, New York
See adv index at end of book
Manufacturers & Inventors Electric Co., 29 Gold, New York
Menominee Elec. Mfg. Co., Menominee, Mich.
Meyer Wm. Co., 817 Wash., Chicago, Ill.
Ohio Electric Works, Cleveland, O.
Ostrander W. R. & Co., 371 B'way, New York
Pierson-Wilcox Electric Co., 223 S 6th, Minneapolis, Minn.
Pignolet Louis M., 78 Cortlandt, New York
Pullen Leon W. Co. ("Gal-Far"), 618 Chestnut, Phila., Pa.
Schiedel-Western X-Ray Co., 737 W Van Buren, Chicago, Ill.
Shoenberg Milton H., 323 Geary, San Francisco, Cal.
Storage Battery Supply Co. ("Reliance"), 239 E 27th, New York
Tardie, E. J., 156 5th av, New York
Voltamp Elec. Mfg. Co., 407 N Paca, Baltimore, Md.
Waite & Bartlett Mfg., 252 W 29th, New York
Wappler Elec. Co., 173 E 87th, New York

653—Batteries (Open & Closed Circuit)

Open & Closed Circuit Wet Batteries

American Carbon & Battery Co. ("New Phoenix"), Signal Hill, East St. Louis, Ill.
Bunnell J. H. & Co. ("Microphone," "Carbon Cylinder"), 32 Park pl, New York
Burn-Boston Battery & Mfg. Works, 134 State, Boston, Mass.
Clark & Mills Elec. Co. ("Excello"), Cambridge, Mass.
Eastern Signal & Supply Co. ("Atlas," "Primary"), 30 Church, New York
Edison Thomas A. ("Esco," Closed), Orange, N. J.
Electric Goods Mfg. Co. ("Samson," "Nomas"), Canton, Mass.
Enterprise Electric Supply Co. ("Franklin"), Latrobe, Pa.
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
National Carbon Co. ("Columbia"), Madison av, N W & W 117th, Cleveland, O.
Pullen Leon W. Co., 618 Chestnut, Phila., Pa.
Railroad Supply Co., 203 S Dearborn, Chicago, Ill.
Rhode Island Telephone & Electric Co., 55 Pine, Providence, R. I.
Samson Elec. Co., 146 Summer, Canton, Mass.
Waterbury Battery Co. ("Victor," "Excelsior," "Schoenmehl"), Waterbury, Conn.
Western Electric Co., 463 West, New York
White S. S. Dental Mfg. Co. ("Partz"), 12th & Chesnut, Phila., Pa.

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A Few of the 1000 Items We Make

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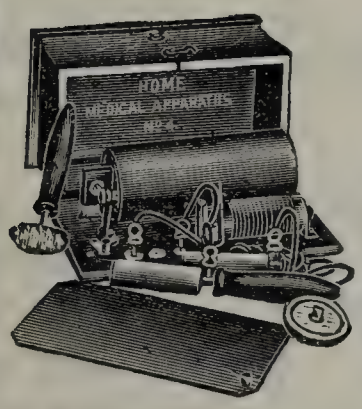
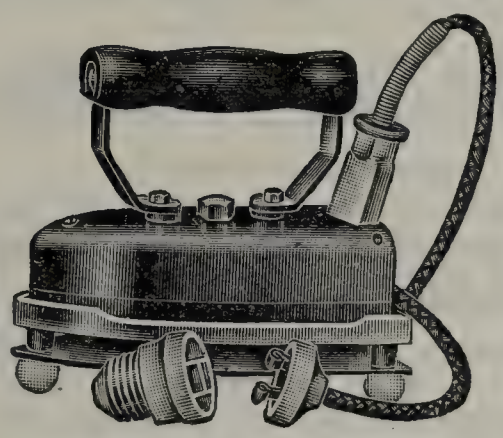
Bells



Medical Batteries



Electric Irons and Electric Heating Goods

Red Seal Dry Batteries

MANHATTAN ELECTRICAL SUPPLY CO., INC.

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17 Park Place

CHICAGO,
114 So. Wells Street

ST. LOUIS
1106 Pine Street

SAN FRANCISCO,
604 Mission Street

Batteries (Stamp)

See Mills, Stamp

654— Batteries (Storage)

American Battery Co. ("Invincible"), 1134 Fulton, Chicago, Ill.
American Ever Ready Wks of Nat. Carbon Co., Thompson av, Long Island City, N. Y.
American Storage Battery Co. ("Eckstromer"), Albro, Boston, Mass.
Ashbrook Elec. Co., 4111 Ravenswood av, Chicago, Ill.
Atlas Electric Storage Battery Co., Greenville, Mich.
Bison Storage Battery Co., 38 Riley, Buffalo, N. Y.
Bunnell J. H. & Co. ("Mascot," "Santa Claus"), 32 Park pl, New York
Carsten Batteries, 1381 Fulton, Brooklyn, N. Y.
Cincinnati Storage Battery Co., 228 Stark, Cincinnati, O.
Commercial Battery Co. ("Combat"), 718 W Jackson blvd, Chicago, Ill.
Culver Stearns Mfg. Co., Worcester, Mass.
Dayton Electrical Mfg. Co. ("Hubler Dayton"), Dayton, O.
Edison Storage Battery Co. ("Edison"), Orange, N. J.
Electric Storage Battery Co. ("Exide," "Chloride" & "Tudor Accumulator"), 19th & Allegheny av, Phila., Pa.
Electric Storage Supply Co., Somerville, Mass.
Electric Supply Co., 727 Superior av, N E, Cleveland, O.
Fostoria Battery Co., Fostoria, O.
Fowler Lamp & Mfg. Co. ("Fowler" Motor Cars & Boats), 59 E 24th, Chicago, Ill.
Gardiner Storage Battery Co., 50 E 51st, Chicago, Ill.
General Lead Batteries Co., 4 Lister av, Newark, N. J.
General Storage Battery Co., 2005 Locust, St. Louis, Mo.
Globe Elec. Co., 195 B'way, Milwaukee, Wis.
Gould Storage Battery Co., 30 E 42nd, New York
Heissler Storage Battery Co., 1436 S Michigan av, Chicago, Ill.
Helios Mfg. Co. ("Morrison"), Garden & Bridge, Phila., Pa.
Hoosier Storage Battery Co. ("Fire-Fly," "Hobo"), Evansville, Ind.
Kinetic Elec. Co., Norfolk, Va.
Kuehn & Metz, 318 W 48th, New York
Lincoln Storage Battery Co., Troy, N. Y.
McCauly Storage Battery Co. ("Kremlo"), 1060 St. Clair, Cleveland, O.
MacRae Hector C. ("Champion"), 316 St. Paul, Baltimore, Md.
Main Elec. Mfg. Co., 500 Aiken av, Pittsburgh, Pa.
Manhattan Electrical Supply Co., 17 Park pl. *See adv index at end of book*
Marko, Paul M. & Co., 1191 Bedford av, Brooklyn, N. Y.
Meder-Staudt Co., 649 W 43rd, New York
Mentzer J. P., 2210 S Park av, Chicago, Ill.
Michigan Storage Battery Co., 69 Atwater, E, Detroit, Mich.
Miller Storage Battery Co., Toledo, O.
Milwaukee Auto Specialty Co. ("Victor," "Masco," "Rodiuna"), 711 Chestnut, Milwaukee, Wis.
Miniature Storage Battery Co., Niagara Falls, N. Y.
Multiple Storage Battery Co., 427 W 50th, New York
National Carbon Co. ("Columbia"), Madison av, N W, & W 117th, Cleveland, O.
Northwestern Storage Battery Co., 140 Mason, Milwaukee, Wis.
Onondaga Storage Battery Co., Syracuse, N. Y.
Permalife Storage Battery Co., Poughkeepsie, N. Y.
Perfection Storage Battery Co., 2909 Indiana, Chicago, Ill.
Phila. Storage Battery Co. ("Diamond Grid" for Commercial & Pleasure Vehicles), Ontario & C. Phila., Pa.
Phoenix Electric Co., 133 W Washington, Chicago, Ill.
Prest-O-Lite Co., 416 N Capitol av, Indianapolis, Ind.
Rex Battery Co., 2505 S State, Chicago, Ill.
St. Joseph's Battery Co., St. Joseph, Mo.
Salom Electric Storage Battery Co., Niagara Falls, N. Y.
Schug Elec. Mfg. Co., Detroit, Mich.
Silvey Electric Co., Dayton, O.
Storage Battery Supply Co., 239 E 27th, New York
United States Light & Heat Corp. ("U-S-L"), Niagara Falls, N. Y.
Universal Battery Co., 3410 S La Salle, Chicago, Ill.
Vesta Accumulator Co. ("Vesta"), 2100 Indiana av, Chicago, Ill.
Victor Storage Battery Co., Rock Island, Ill.
Volkcar Storage Battery Co., 2437 S Michigan av, Chicago, Ill.
Weber Battery Co., 3306 W Jackson blvd, Chicago, Ill.
Weisenborn Elec. Co. ("Ohio"), Dayton, O.
White City Electric Co., 14 N Franklin, Chicago, Ill.
Willard Storage Battery Co. ("Willard," **"Annex," "Elba"), E 131st & St. Clair,** Cleveland, O.
Wright Storage Battery Co., Poughkeepsie, N. Y.

654a— Batteries (Wet)

Edison Thos. A., Inc., Bloomfield, N. J.
Manhattan Electrical Supply Co., 17 Park pl, New York.
See adv index at end of book
Maxivolt Primary Battery Co., New York.
National Carbon Co., Cleveland, O.
Samson Electric Co., Canton, Mass.
Waterbury Battery Co., Waterbury, Conn.

655— *Battery Accessories

Hertner Electric & Mfg. Co., W 112th, Cleveland, O.
National Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.
Storage Battery Supply Co. (Of All Kinds), 239 E 27th, New York

Batting (Cotton)

See Cotton Batting

656— Batting (Jute)

Atlantic Jute Mills, Norfolk, Va.
Union Cotton Bagging Corp., Norfolk, Va.

657— Batting (Wool)

LaCrosse Woolen Mills, LaCrosse, Wis.

658— Bauxite

American Bauxite Co., Oliver bldg, Pitts- Pa. & Bauxite, Ark.
Binswanger H. P., 203 B'way, New York
Lavino E. J. & Co. (Imp.), Bullitt bldg, Phila., Pa.
National Bauxite Co., 35th & Gray Ferry, Phila., Pa.
Republic Mining & Mfg. Co., Harrison bldg, Phila., Pa.
Vanderbilt R. T. Co., 50 E 42nd, New York

659— Beaders (Flue)

Stanley Rule & Level Co. (Atha Division), New Britain, Conn.

659a— *Beads (Wood)

Estes E. B & Sons, 364 5th av, New York
See adv index at end of book

659b— Beakers (Porcelain)

Ohio Pottery Co., Zanesville, O.
See adv index at end of book

660—Beam Heads (Pressed Steel)

Mossberg Frank Co., Attleboro, Mass.

661— Beams (Cultivator)

Illinois Steel Co., 208 S La Salle, Chicago Ill.
Interstate Iron & Steel Co., 1st Natl. Bank bldg, Chicago, Ill.

662—Beams (Pressed Steel, with Steel Barrels)

American Pulley Co., 114 S Clinton, Chicago, Ill.
Mossberg Frank Co. (For Narrow Fabric Looms, Non-Elastic & Elastic), Attleboro, Mass.

663—*Bearing Importers (Ball)

NORMA CO OF AMERICA, 1790 B'way, New York *See adv index at end of book*

663a—*Bearing Parts (Roller)

NORMA CO OF AMERICA, 1790 B'way, New York *See adv index at end of book*

664— Bearings (Agate)

Bache Semon & Co. (Imp), 636 Greenwich, New York
Bracher Co. (For Jewelers' Scales), Belleville, N. J.
Slogan & Co., Dickey bldg, Chicago, Ill.

664a— Bearings (Airplane)

Doehler Die-Casting Co. (Babbitt Lined Bronze), 9th & Court, Brooklyn, N. Y.
Fafnir Bearing Co. ("Fafnir" Ball), New Britain, Conn.
Hess-Bright Mfg. Co. (Ball), Front & Erie av, Phila, Pa.
New Departure Mfg. Co. ("New Departure"), Bristol, Conn.
S. K. F. Ball Bearing Co., 1 Wall, New York

665-6— Bearings (Annular)

Auburn Ball Bearing Co., 26 Elizabeth, Rochester, N. Y.
Federal Bearings Co., Poughkeepsie, N. Y.
GWILLIAM CO., 255 W. 58th, New York
See adv index at end of book
New Departure Service Station, 255 W 58th, New York
NORMA CO OF AMERICA, 1790 B'way, New York *See adv index at end of book*
Rockwell-Drake Co., Plainville, Conn.
S. K. F. Ball Bearing Co. ("S. K. F"), Hartford, Conn.
Schatz Mfg. Co., Poughkeepsie, N. Y.

Bearings (Anti-Friction)

See Babbitt Metal; also Bearings, Various Kinds; also Brasses, Car & Engine

667—Bearings (Armature & Axle)

Columbia Machine Works & Malleable Iron Co. ("Columbia"), Atlantic av & Chestnut, Brooklyn, N. Y.
DAMASCUS BRONZE CO. ("Damascus"), N S, Pittsburgh, Pa.
See adv index at end of book
Hess-Bright Mfg. Co. ("H. B.-D. W. F."), Front & Erie av, Phila., Pa.
Hyatt Roller Bearing Co., Harrison, N. J.
More-Jones Brass & Metal Co. ("More-Jones"), Broadway & Dock, St. Louis, Mo.
NORMA CO. OF AMERICA, 1790 B'way, New York *See adv index at end of book*
Railway Roller Bearing Co., Syracuse, N. Y. *See adv index at end of book*

Hendricks' Commercial Register

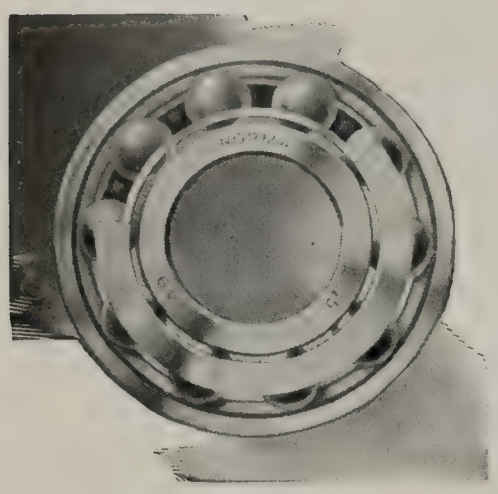
is not a Catalog of Advertisers alone, but a Complete Register of the manufacturers and jobbers in every line of trade that comes within the scope of the work.

Industrial Information

WE maintain a Bureau of Information for the free use of our Advertisers and we are prepared at all times to furnish our patrons with the most reliable information about any particular kind of material, machine, tool or specialty which they may require.

Hendricks' Commercial Register

"NORMA"
PRECISION BEARINGS

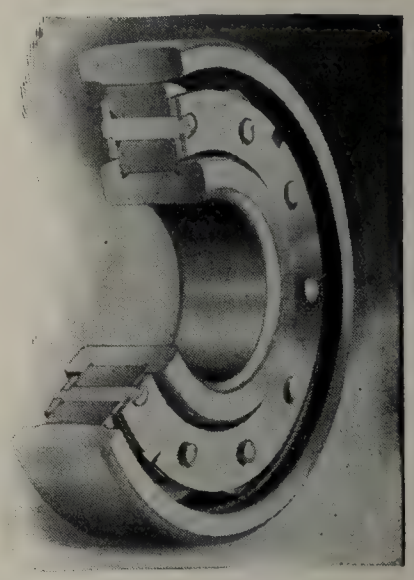


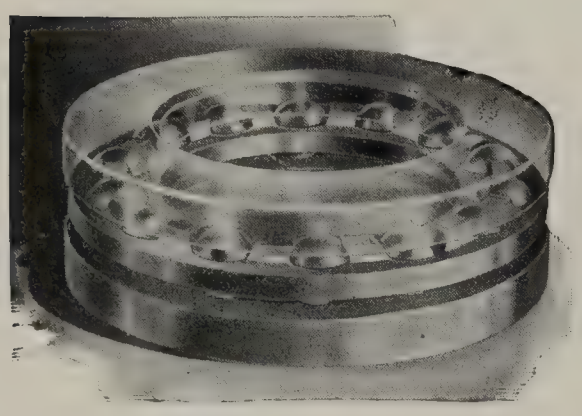
"NORMA"
BALL BEARINGS

Open type, separable bearings of extremely high precision, rigidly mounted, silent running, with every element in workmanship and design contributing to high-efficiency, long-time service; notably successful in high-speed operation, being the standard bearings with most of the leading manufacturers of high-speed electrical apparatus.

"NORMA"
ROLLER BEARINGS

Heavy-duty, high-efficiency bearings pre-eminently adapted for service where shock, jar, vibration and sudden load variations must be encountered; double the load capacity of a ball bearing of the same dimensions; temporary overload capacity up to 50 per cent of their own rating; high-speed, quiet-running units of extreme precision and maximum durability.





"NORMA"
THRUST BEARINGS

Precision units affording maximum anti-friction efficiency under end thrust loads; designed to afford long-service durability and silent-running qualities; made in several styles, single and double, both without housings and with housings of several types giving self-contained advantages.

"NORMA"
COMBINATION BEARINGS

Self-contained units affording perfect adjustment and maximum anti-friction efficiency under combined radial and thrust load; two types—combined annular and ball thrust, and combined roller and ball thrust; distinguished by high precision, open type construction, rigid mounting, silent running and high-speed qualities.

Send for the Complete Catalog
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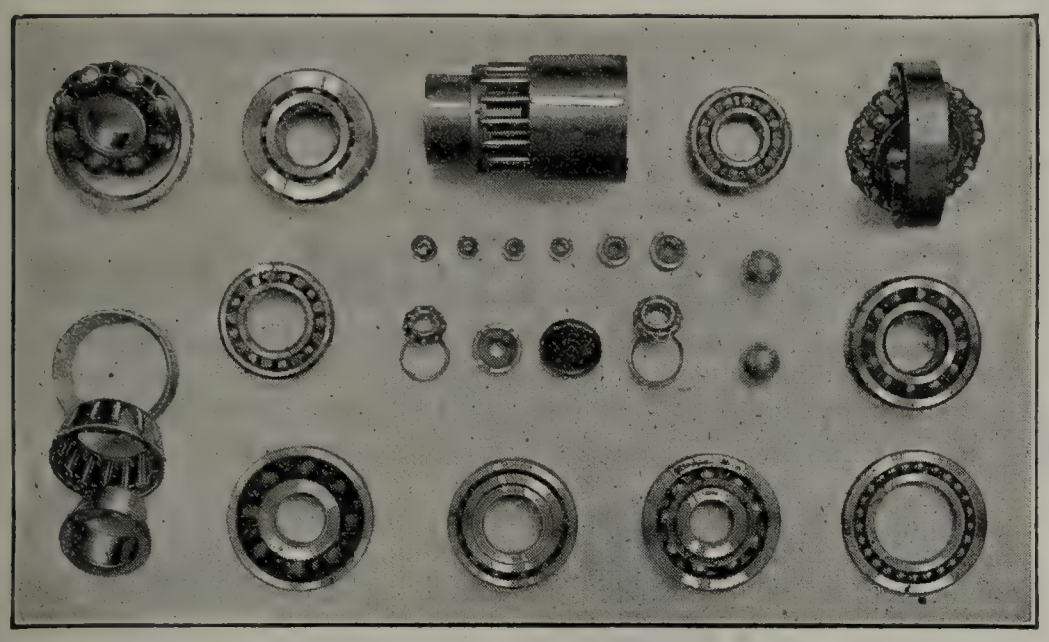
THE NORMA COMPANY OF AMERICA

1790 BROADWAY NEW YORK



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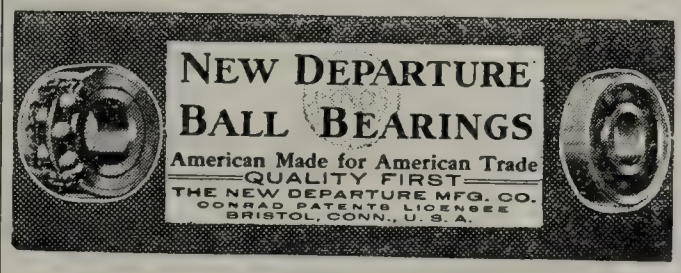
BEARINGS
ALL TYPES
IN STOCK
SOLE DISTRIBUTORS FOR THE U. S. OF
THE BOWDEN PATENT WIRE MECHANISM
CIRCULAR UPON REQUEST
THE GWILLIAM COMPANY
ENGINEERS
253 WEST 58th STREET, NEW YORK
(COLUMBUS CIRCLE)
BRANCH: 1314 ARCH STREET, PHILADELPHIA

668— Bearings (Ball)

See also Balls, Steel; also Bearings, Roller

Ahlberg Bearing Co. ("A. B. Co."), 2636 Michigan av, Chicago, Ill.
American Ball Co. ("American"), 115 Clifford, Providence, R. I.
Auburn Ball Bearing Co. (Annular & Special), 26 Elizabeth, Rochester, N. Y.
Ball & Roller Bearing Co., 22 Maple av, Danbury, Conn.
Bantam Anti-Friction Co., Bantam, Conn.
Barthel & Daley ("Schafer" Imported), 1790 B'way, New York
Bearings Co., of America ("F. & S."), Lancaster, Pa.
Boston Gear Works, (Thrust Collar, etc), Quincy, Mass
Bretz J. S. Co., 250 W 54th, New York
Burgers & Norton Mfg. Co. (Motor Cycle, Side Car, Light Car), Geneva, Ill.
Carlson-Wenstrom Co., Erie av & Richmond, Phila., Pa.
Chicago Pulley & Shafting Co., 40 S Clinton, Chicago, Ill.
FAFNIR BEARING CO. ("Fafnir"), New Britain, Conn.
Federal Bearings Co., Poughkeepsie, N. Y.
Felt Specialty Mfg. Co., 290 Pearl, New York
Fisher Mfg. Co., East Liverpool, O.
G-A Ball Bearing Mfg. Co., 3051 W Lake, Chicago, Ill.
Glogan & Co., Dickey bldg, Chicago, Ill.
Graham Roller Bearing Co., Coudersport, Pa.
Gurney Ball Bearing Co. ("Gurney"), Jamestown, N. Y.
GWILLIAM CO., 255 W 58th, New York
See adv index at end of book
Hess-Bright Mfg. Co. ("H. B.-D. W. F." Radial & Thrust), Front & Erie av, Phila., Pa.
Hubbard Machine Co. (S K F), Worcester, Mass.
Hudson Export & Import Co. ("R. B. F.," Imported), 1737 B'way, New York
Imperial Bearing Co. (Annular), 1217 Forest av E., Detroit, Mich.
International Ball & Roller Bearing Co. (For Oil Wells), 1283 Niagara, Buffalo, N. Y.
Johnston & Sharp Mfg. Co. (Hollow Steel), Ottumwa, Ia.
Jones Ball Co. (Importers), Arlington Heights, Mass.
McCulloch A. P. Machine Co. (Special), 216 High, Boston, Mass.
See adv index at end of book
Marburg Bros. ("S. R. O." Imported), 90 West, New York
Matthews H. A. Mfg. Co., Seymour Conn.
MATTHEWS MFG. CO., 104 Gold, Worcester, Mass. *See adv index at end of book*



New Departure Mfg. Co. ("New Departure"), Bristol, Conn.
See adv index at end of book
New York Bearings Co., 311 W 59th, New York
Nice Ball Bearing Co., Land Title bldg, Phila., Pa.
NORMA CO. OF AMERICA, 1790 B'way, New York *See adv index at end of book*
Pressed Steel Mfg. Co. ("Knipe's"), Land Title bldg, Phila., Pa.
Rhineland Machine Works Co. (Imp & Domestic), 1737 B'way, New York
R.-I.-V. Co. ("R.-I.-V." for Mechanical Purposes & All Rotating Parts), 1765 B'way, New York
Reebe Ball Bearing Co. Inc., 1790 B'way, New York
Rochester Ball Bearing Co., Rochester, N. Y.
Royersford Foundry & Mach. Co., Royersford, Pa.
S. K. F. Ball Bearing Co. ("S. K. F."), Hartford, Conn.
Salisbury Ball Bearing Co. ("Simplex Twin X All"), 3741 E 93rd, Cleveland, O.
Schatz Mfg. Co. ("Commercial" Annular Ball Bearings), Poughkeepsie, N. Y.
Standard Machinery Co., Providence, R. I.
Standard Parts Co., Cleveland, O.
See adv index at end of book
STANDARD ROLLER BEARING CO. (Annular, etc), 50th & Lancaster av, Phila., Pa.
Symington T. H. Co. ("Baltimore"), Md. Trust bldg, Baltimore, Md.
TORRINGTON CO. (THE) (Cup & Cone), Excelsior Plant, Successor to Excelsior Needle Co., Torrington, Conn.
See adv index at end of book
Transmission Ball Bearing Co. ("Chapman"), 1050 Military rd, Buffalo, N. Y.
U. S. Ball Bearing Mfg. Co. (Radial, Cup & Cone, Combination, Double Action, Plain Grooved & Double Direction Thrust), Palmer & Kolmar av, Chicago, Ill.
Worcester Pressed Steel Co. (Cups only), Worcester, Mass.

669—Bearings (Bronze Metal)

Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.
Allan A. & Son ("Allan" for Steel Mill Service), 6th & Bergen, Harrison, N. J.
American Bronze Co. ("Non-Gran"), Berwyn, Pa.
American Manganese Bronze Co., 3501 Rhawn, Phila., Pa.
Bound Brook Oil-Less Bearing Co. ("Bound Brook"), Bound Brook, N. J.
Bronze Metal Co. ("Vim"), 30 Church, New York
Buckeye Tempered Copper & Brass Co., Mansfield, O.
BUNTING BRASS & BRONZE CO. ("Bunting' Brass & Bronze), 738 Spencer, Toledo, O.
See adv index at end of book
Cramp, Wm. & Sons, Ship & Engine Bldg. Co. ("Cramp"), Beach & Ball, Philadelphia, Pa.
DAMASCUS BRONZE CO. ("Damascus," for Rolling Mills, Railroads & Electric Railways), N S, Pittsburgh, Pa.
See adv index at end of book
Dann Products Co., 1084 E 152d, Cleveland, O.

PHOSPHOR COPPER
AND
INGOT METALS
Manganese Copper, Silicon Copper, Phosphor Tin and Phosphor Bronze.
These alloys are sold with the purity and stated percentages guaranteed in writing.
Made in America by
Damascus Bronze Company
N. S. Pittsburgh

BEARINGS (Bronze Metal)—continued

Doehler Die Casting Co., Huntington, Brooklyn, N. Y.
Ellison Brass Mfg. Co., Jamestown, N. Y.
Eureka Co., North East, Pa.
General Aluminum & Brass Mfg. Co. (Bronze Back Babbitt Lined), St. Aubin av, Detroit, Mich.
Harper Thos., 204 Lafayette, New York
Highton Wm. & Sons Co. (For Automobile, Motor Boat, etc), Nashua, N. H.
Hoffman Bronze & Aluminum Castings Co., 1000 Addison rd, Cleveland, O.
Keystone Bronze Co., Pittsburgh, Pa.
Lawrenceville Bronze Co., Bessemer bldg, Pittsburgh, Pa.
Light Mfg. Co. & Foundry Co. ("Automobile"), Pottstown, Pa.
LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y. *See adv index at end of book*
Milwaukee Die Casting Co. (Bronze Shell, Babbitt Lined), 297 4th, Milwaukee, Wis. *See adv index at end of book*
More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.
Nat'l Bronze & Aluminum Fdy., 2539 E 79th, Cleveland, O.
North American Smelting Co., 900 Thompson, Phila., Pa.
Pittsburgh White Metal Co., 3116 Penn av, Pittsburgh, Pa.
Rider-Bagg Co., Springfield, Mass.
Ryder Brass Fdry Co., Bucyrus, O.
Standard Parts Co., Cleveland, O. *See adv index at end of book*
Star Brass Works Co. ("Hi-Spe"), Kansas City, Mo.
Titanum Bronze Co. Inc., Niagara Falls, N. Y.
Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.

669a—*Bearings (Bunting Bronze)

Bunting Brass & Bronze Co., 738 Spencer, Toledo, O. *See adv index at end of book*

Bearings (Car Journal)

See Bearings, Journal

670— Bearings (Collar Oiling)

Hill Clutch Co. ("Hill"), 1000 W 58th, Cleveland, O.

671—*Bearings (Combined Radial & Thrust)

Fafnir Bearing Co. ("Fafnir"), New Britain, Conn.
New Departure Mfg. Co. ("New Departure"), Bristol, Conn. *See adv index at end of book*
NORMA CO. OF AMERICA, 1790 B'way, New York. *See adv index at end of book*

672—*Bearings (Common Flat Box)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

673— Bearings (Die Cast)

American Die Casting Co., Indianapolis, Ind.

BUNTING FINISHED Patented

Bronze Bushings

Accuracy—Quality—Friction Resistance—Uniformity

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738 Spencer Street, Toledo, Ohio

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Bronze Bearings

Lumen Bronze Bearings

THE STANDARD FOR COMPARISON

Manganese Bronze, Phosphor Bronze
and Gear Bronze Castings
Babbitt Metals and Solder

LUMEN BEARING COMPANY

BRASS FOUNDERS

200 LATHROP BUFFALO, N. Y.

Doehler Die Casting Co., Huntington, Brooklyn, N. Y.
FRANKLIN MFG. CO. (Motor), Magnolia, Syracuse, N. Y.
Light Mfg. & Foundry Co., Pottstown, Pa.
Milwaukee Die Casting Co., 297 4th, Milwaukee, Wis.
See adv index at end of book
Modern Die & Tool Co., 202 S Penn, Indianapolis, Ind.
Stewart Mfg. Co., 323 Wells, Chicago, Ill.
Wing J. T. & Co., 19 Woodward av, Detroit, Mich.

674—*Bearings (Drop Hanger)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. R. Ry, Phila., Pa.
See adv index at end of book

675—Bearings (Electrical, Motor, Etc.)

Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.
Arguto Oilless Bearing Co. ("Arguto," Oilless), Wayne Junction, Phila., Pa.
Bantam Anti-Friction Co. (Ball), Bantam, Conn.
Bock Bearing Co., Phillips av. & N. C. R. R., Toledo, O.
Bound Brook Oil-Less Bearing Co. "Bound Brook," "Nigrum," Oilless), Bound Brook, N. J.
Brady Brass Co. (For Street Railway, etc), 170 14th, Jersey City, N. J.
Bronze Metal Co. ("Vim"), 30 Church, New York
Bunting Brass & Bronze Co. (Auto, Motor Cycle, etc), 738 Spencer, Toledo, O.
See adv index at end of book
Columbia Machine Works & Malleable Iron Co. (For Armatures, etc), Atlantic av & Chestnut, Brooklyn, N. Y.
DAMASCUS BRONZE CO. ("Damascus"), N S Pittsburgh, Pa.
See adv index at end of book
Dann Products Co., 1084 E 152nd, Cleveland, O.
Electric Materials Co., North East, Pa.
Fafnir Bearing Co. ("Fafnir"), New Britain, Conn.
General Aluminum & Brass Mfg. Co., St. Aubin av, Detroit, Mich.
Harper Thos., 204 Lafayette, New York
Holmes Fibre Graphite Mfg. Co., 5155 Wakefield, Gtn. Phila., Pa.
Hyatt Roller Bearing Co., Harrison, N. J.
LUMEN BEARING CO. ("Lumen," Bronze), 200 Lathrop, Buffalo, N. Y.
See adv index at end of book
More-Jones Brass & Metal Co. (Electrical Motor, etc; "Tiger," "Artic," "Pullman"), Broadway & Dock, St. Louis, Mo.
Muzzy-Lyon Co., Ltd., 161 Larned, W Detroit, Mich.
Nat'l Bronze & Aluminum Fdy. Co., 2539 E 79th, Cleveland, O.
New Departure Mfg. Co. ("New Departure"), Bristol, Conn.
See adv index at end of book
Phosphor-Bronze Smelting Co., 2200 Washington av, Phila., Pa.
Railway Roller Bearing Co., Syracuse, N. Y. *See adv index at end of book*
Reeves Paul S. & Co. (Brass, Bronze & Phosphor Bronze), 1415 Catherine, Phila., Pa.
Ridlon Frank Co. ("Ridlon," Bronze & Composition), 251A, Boston, Mass.
Riverside Metal Co. (Brass Bronze & Phosphor Bronze), Riverside, N. J.
S. K. F. Ball Bearing Co. ("S. K. F."), Hartford, Conn
St. Louis Car Co. (Spiral), 8000 N B'way, St. Louis, Mo.
Standard Parts Co., Cleveland, O.
See adv index at end of book
Symington T. H. Co. ("Baltimore," Center & Side), Md. Trust bld, Baltimore, Md.
Taylor Elec. Truck Co. ("Taylor," Journal), Troy, N. Y.
Titanum Bronze Co. Inc., Niagara Falls, N. Y.
Traction Materials Co., 501 5th av, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

675a—*Bearings (For Automobile Axles, Transmission, etc)

BUNTING BRASS & BRONZE CO., 738 Spencer, Toledo, O.
See adv index at end of book
FAFNIR BEARING CO. ("Fafnir"), New Britain, Conn.
New Departure Mfg. Co. ("New Departure"), Bristol, Conn.
See adv index at end of book
Railway Roller Bearing Co., Syracuse, N. Y. *See adv index at end of book*
Standard Parts Co., Cleveland, O.
See adv index at end of book

675b—*Bearings (For Automobile Magnetos & Starters)

Bunting Brass & Bronze Co., 738 Spencer, Toledo, O. *See adv index at end of book*
FAFNIR BEARING CO. ("Fafnir"), New Britain, Conn.
New Departure Mfg. Co. ("New Departure"), Bristol, Conn.
See adv index at end of book
Railway Roller Bearing Co., Syracuse, N. Y. *See adv index at end of book*

675ba— Bearings (For Farm Tractors)

New Departure Mfg. Co. ("New Departure"), Bristol, Conn.
See adv index at end of book

675c—*Bearings For Machines & Machine Tools

Bunting Brass & Bronze Co., 738 Spencer, Toledo, O. *See adv index at end of book*
FAFNIR BEARING CO. ("Fafnir," For Machines of Every Description), New Britain, Conn.
New Departure Mfg. Co. ("New Departure"), Bristol, Conn.
See adv index at end of book

675d—*Bearings (For Orphan Cars)

GWILLIAM CO. (Ball & Roller), 255 W 58th, New York
See adv index at end of book
New Departure Service Station, 255 W 58th, New York

676— Bearings (Graphite)

Bound Brook Oil-Less Bearing Co. ("Bound Brook"), Bound Brook, N. J.
Edna Brass Mfg. Co., Cincinnati, O.
Holmes Fibre Graphite Mfg. Co., 5155 Wakefield, Phila., Pa.

677—Bearings (Hanger Parts)

Dann Products Co., 1084 E. 152nd, Cleveland, O.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book

678— Bearings (Hard Fibre)

See Fibre, Hard

679— Bearings (Journal)

Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.
Allan A & Son ("Allan," Bronze), 6th & Bergen, Harrison, N. J.
Am. Safety Lamp & Mine Supply Co., Scranton, Pa.
Arguto Oilless Bearing Co. ("Arguto," Oilless), Wayne Junction, Phila., Pa.
Atkinson Co. ("Plata"), Rochester, N. Y.
Aurora Metal Co., Aurora, Ill.
Bantam Anti-Friction Co. (Roller), Bantam, Conn.
Besly Chas. H. & Co. ("Helmet"), 120 N Clinton, Chicago, Ill.
Blake Edwin J. (Car & Locomotive), Hartford, Conn.
Bond Foundry & Machine Co. ("Bond," Solid Journal or Post Bearing), Manheim, Pa.
Bound Brook Oil-Less Bearing Co. ("Bound Brook," "Nigrum," Oilless), Bound Brook, N. J.
Brady Brass Co., 170 14th, Jersey City, N. J.
Bronze Metal Co. ("Vim" Metal), 30 Church, New York
Brown A. & F. Co., 79 Barclay, New York.
Chain Belt Co. (Solid), Milwaukee, Wis.
Chicago Bearing Metal Co. ("Graphose" Bronze), 2220 W 43rd, Chicago, Ill.
Climax Bearing Co. ("Camel"), Majestic bldg., Detroit, Mich.
Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
DAMASCUS BRONZE CO. ("Damascus"), N S, Pittsburgh, Pa.
See adv index at end of book
Dodge Sales & Engineering Co., Mishawaka, Ind.
Easton Car & Construction Co., 15 Center square, Easton, Pa.
See adv index at end of book
Edna Brass Mfg. Co. ("Porteous," Graphite), Cincinnati, O.
Eureka Brass Co., 601 Red Bud av, St. Louis, Mo.
Eureka Co., North East, Pa.
Falcon Bronze Co., Youngstown, O.
Fitz Gerald John L., Albany, N. Y.
Gilbert A. & Sons Brass Foundry Co., 4019 Forest Park blvd, St. Louis, Mo.
Graham Jas. & Co., New Haven, Conn.
Gurney Ball Bearing Co. ("Gurney"), Jamestown, N. Y.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Hyatt Roller Bearing Co., Harrison, N. J.
JEFFREY MFG. CO. (Solid Journal), 961 N Fourth, Columbus, O.
See adv index at end of book
Keystone Bronze Co. (Car & Rolling Mill), Pittsburgh, Pa.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R. Ry, Phila., Pa.
See adv index at end of book
LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y. *See adv index at end of book*
McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg, Chicago, Ill.
Magnus Co. (Lead Lined, etc), 111 B'way, New York
Magnus Co., Detroit, Mich.
Meneely Geo. R. & Son, Watervliet, N. Y.
Mobile Pulley & Machine Co., Mobile, Ala.
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
Muzzy-Lyon Co., Ltd., 161 Larned, W Detroit, Mich.
Nat'l Bronze & Aluminum Fdy. Co., 2539 E 79th, Cleveland, O.
National Lead Co., 111 B'way, New York
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
North American Smelting Co. (Car Bearings), 900 Thompson, Phila., Pa.
Paragon Metal Co., 3050 S Ashland av, Chicago, Ill.
Phosphor Bronze Smelting Co., 2200 Washington av, Phila., Pa.
Prier Brass Mfg. Co., Kansas City, Mo.
Railway Roller Bearing Co., Syracuse, N. Y. *See adv index at end of book*
Reeves Paul S. & Co. (Brass, Bronze & Phosphor Bronze), 1415 Catharine, Phila., Pa.
Rider-Bagg Co. ("Brightwood" Bronze), Springfield, Mass.
Riverside Metal Co. (Brass, Bronze & Phosphor Bronze), Riverside, N. J.
Royersford Foundry & Machine Co., Royersford, Pa.
St. Louis Car Co. (Spiral), 8000 N B'way, St. Louis, Mo.
Spacke F. W. Machine Co., Indianapolis, Ind.
Taylor Electric Truck Co., Troy, N. Y.
Titenum Bronze Co. Inc., Niagara Falls, N. Y.
Watson Frye & Co., Bath, Me.
Waynesboro Foundry & Machine Co., Waynesboro, Pa.
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co., Chambersburg, Pa.

680— Bearings (Lead Lined)

Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.
DAMASCUS BRONZE CO. ("Damascus"), N S, Pittsburgh, Pa.
See adv index at end of book
Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.
Riverside Metal Co., Riverside, N. J.

681—*Bearings (Lumen Bronze)

LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y. *See adv index at end of book*

Bearings (Motor)

See Bearings, Electrical, Motor, Etc

682— Bearings (Oilless)

Arguto Oilless Bearing Co. ("Arguto"), Wayne Junction, Phila., Pa.
Bound Brook Oil-Less Bearing Co. ("Bound Brook," "Nigrum"), Bound Brook, N. J.
Dann Products Co., 1084 E 152nd, Cleveland, O.
Electric Railway Equip Co., Cincinnati, O.
New York Oilless Bearing Co. (Roller), 126 Liberty, New York
Nolu Oilless Bearing Co., 6 E Johnson, Germantown, Phila., Pa.
Non-Metallic Oilless Bearing Co. of Mass., Newtonville, Mass.

683-4—*Bearings (Pillow Block)

JEFFREY MFG. CO. (Ball & Socket, Chain Oiling Rigid, Ring, Oiling Rigid, Plain & Wick Oiling, Graphite Sheet Lubricator Bearings), 961 N Fourth, Columbus, O.
See adv index at end of book
Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

685— *Bearings (Post)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

686-7—*Bearings (Post Hanger)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

688— Bearings (Ring Oiling)

Atlanta Mfg. & Supply Co., Atlanta, Ga.
Barnard & Léas Mfg. Co., Moline, Ill.
Black-Clawson Co., Hamilton, O.
BOND FOUNDRY & MACHINE CO. (Ball & Socket, etc), Manheim, Pa.
JEFFREY MFG. CO. (Rigid Pillow Block), 961 N Fourth, Columbus, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park & P & R. Ry, Phila., Pa.
See adv index at end of book
Royersford Foundry & Machine Co., Royersford, Pa.
Woods T. B. Sons Co., Chambersburg, Pa.

689— Bearings (Roller)

See also Bearing, Ball; also Bearings, Side

Accurate Engineering Co., 5401 Western av. bldg, Chicago, Ill.
American Roller Bearing Co., Baum & Melwood, Pittsburgh, Pa.
Ball & Roller Bearing Co., Danbury, Conn.
Bantam Anti-Friction Co., Bantam, Conn.
Bock Bearing Co. (Taper), Phillips av & M. C. Ry, Toledo, O.
Bower Roller Bearing Co. (Automobile & Vehicle), Hact av nr Mack, Detroit, Mich.
Chicago Pulley & Shafting Co., 40 S Clinton, Chicago, Ill.
Easton Car & Construction Co., 15 Center square, Easton, Pa.
See adv index at end of book
Federal Bearings Co., Poughkeepsie, N. Y.
George Automatic Roller Bearing Co., 4614 Spring Grove av, Cincinnati, O.
Gilliam Co., Canton, O.
Graham Roller Bearing Co., Coudersport, Pa.
Gustafson Mfg. Co., Chattanooga, Tenn.
GWILLIAM CO., 255 W 58th, New York
See adv index at end of book
Hyatt Roller Bearing Co., Harrison, N. J.
McCulloch A. P. Machine Co. (Special), 216 High, Boston, Mass.
See adv index at end of book
Makutchan Roller Bearing Co., McCormick bldg, Chicago, Ill.
National-Acme Mfg. Co., 7500 Stanton av, Cleveland, O.
New Departure Service Station, 255 W 58th, New York
New York Oilless Bearing Co. (Oilless), 126 Liberty, New York
Penna. Shafting Co. ("Wright" Taper), Spring City, Pa.
Pickering Governor Co. (Roller Relief), Portland, Conn.
Railway Roller Bearing Co. ("Rollway"), Syracuse, N. Y.
See adv index at end of book

We Make Roller Bearing for all Purposes

RAILWAY ROLLER BEARING CO.

541 Seymour St. Syracuse, N. Y.

Reber Calvin P., Reading, Pa.
Royersford Foundry & Machine Co. ("Sells"), Royersford, Pa.
Standard Machinery Co., Providence, R. I.
STANDARD ROLLER BEARING CO. (Improved Taper), 50th & Lancaster av, Phila., Pa.
Suspension Bearing Co., Spartanburg, S. C.
Symington T. H. Co., Md. Trust bldg, Baltimore, Md.
Timken-Detroit Axle Co. (Automobile & Truck), Clark av, Detroit, Mich.
Timken Roller Bearing Co. (Auto, Truck & Farm Tractor), Canton, O.

690— Bearings (Self-Oiling)

Arguto Oilless Bearing Co. ("Arguto," Oilless), Wayne Junction, Phila., Pa.
Atlanta Mfg. & Supply Co., Atlanta, Ga.
Bound Brook Oil-Less Bearing Co. ("Bound Brook," "Nigrum"), Bound Brook, N. J.
Brill J. G. Co., 62d & Woodland av, Phila., Pa.
Brown A. & F. Co., 79 Barclay, New York.
Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
Dann Products Co., 1084 E 152nd, Cleveland, O.
Easton Car & Construction Co., 15 Center sq, Easton, Pa.
See adv index at end of book
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Hyatt Roller Bearing Co., Harrison, N. J.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
Mobile Pulley & Machine Co., Mobile, Ala.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Webster Mfg. Co., Tiffin, O.
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.
Woonsocket Mach. & Press Co., Woonsocket, R. I.

691—*Bearings (Shaft Hanger)

Fafnir Bearing Co. ("Fafnir"), New Britain, Conn.
JEFFREY MFG. CO. (Adjustable Short Head), 961 N Fourth, Columbus, O.
See adv index at end of book
Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa. *See adv index at end of book*
New Departure Mfg. Co. ("New Departure"), Bristol, Conn.
See adv index at end of book
Nolu Oilless Bearing Co., 6 E Johnson, Germantown, Phila., Pa.
Sauer Power Generating Co., 5115-19 Rosetta, Pittsburgh, Pa.
Transmission Ball Bearing Co. ("Chapman"), 1056 Military rd, Buffalo, N. Y.

692— Bearings (Side)

American Steel Foundries ("Susemihl"), McCormick bldg, Chicago, Ill.
Bound Brook Oil-Less Bearing Co. ("Bound Brook," "Nigrum"), Bound Brook, N. J.
Cardwell Mfg. Co. ("Cardwell Rocker"), McCormick bldg, Chicago, Ill.
Chicago Railway Equipment Co. ("Creco" Roller), 1928 W 46th, Chicago, Ill.
Joliet Railway Supply Co. ("Perry," Automatic Frictionless), Joliet, Ill.
Miner W. H., The Rookery, Chicago, Ill.
Pressed Steel Car Co. (Pressed Steel), 307 5th av, Pittsburgh, Pa.
St. Louis Car Co. ("St. Louis"), 8000 N B'way, St. Louis, Mo.
Standard Car Truck Co. ("Barber" Roller Bearing), 332 S Michigan av, Chicago, Ill.
Stucki A. ("Stucki"), Oliver bldg, Pittsburgh, Pa.
Symington T. H. Co. ("Baltimore"), Md. Trust bldg, Baltimore, Md.
Western Steel Car & Foundry Co. (Pressed Steel), 37 W Van Buren, Chicago, Ill.
Woods Edwin S. & Co. ("Woods" Roller), 332 S Michigan av, Chicago, Ill.

693—*Bearings (Spiral Conveyor)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa. *See adv index at end of book*

693a— *Bearings (Step)

GWILLIAM CO., 255 W 58th, New York
See adv index at end of book
New Departure Service Station, 255 W 58th, New York

694— *Bearings (Take-Up)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa. *See adv index at end of book*

695— Bearings (Thrust)

American Ball Co. ("American"), 115 Clifford, Providence, R. I.
Auburn Ball Bearing Co. ("Auburn" Ball Bearing), 26 Elizabeth, Rochester, N. Y.
Bantam Anti-Friction Co., Bantam, Conn.
Bailey Geo. D. Co. (Ford), 1120 S Mich. av, Chicago, Ill.
Bearings Co. of America ("Star" & "F & S"), Lancaster, Pa.
Boston Gear Works (Thrust Collar), Quincy, Mass.
Bound Brook Oil-Less Bearing Co. ("Bound Brook," "Nigrum"), Bound Brook, N. J.
Dann Products Co., 1084 E 152nd, Cleveland, O.
Fafnir Bearing Co. ("Fafnir"), New Britain, Conn.
G-A Ball Bearing Mfg. Co., 123-141 N Albany av, Chicago, Ill.
Graham Roller Bearing Co., Chicago, Ill. (For Ford and Chevrolet Cars, Coudersport, Pa.)
Gurney Ball Bearing Co., Jamestown, N. Y.
GWILLIAM CO., 255 W 58th, New York
See adv index at end of book
Hess-Bright Mfg. Co. ("H. B.-D. W. F.," Ball Bearing), Front & Erie av, Phila., Pa.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
International Engineering Works ("R. B. F."), 15 Park Row, New York
JEFFREY MFG. CO. (Eccentric & End Thrust), 961 N Fourth, Columbus, O.
See adv index at end of book
Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa. *See adv index at end of book*
Nat'l Fibre & Insulation Co., Yorklyn, Del.
New Departure Service Station, The, 255 W 58th, New York
NORMA CO. OF AMERICA, 1790 B'way, New York *See adv index at end of book*

Poole Engineering & Mach. Co., Woodberry Station, Baltimore, Md.
Pressed Steel Mfg. Co. (Ball Bearing), Land Title bldg, Phila., Pa.
Railway Roller Bearing Co., Syracuse, N. Y. *See adv index at end of book*
Rhineland Machine Works Co. ("Rhineland" Double Acting), 1737 B'way, New York
R.-I.-V. Co. ("R.-I.-V." for Mechanical Purposes), 1765 B'way, New York
Rochester Ball Bearing Co., Rochester, N. Y.
S. K. F. Ball Bearing Co. ("S. K. F."), Hartford, Conn.
Schatz Mfg. Co., Poughkeepsie, N. Y.
Standard Machinery Co., Providence, R. I.
U. S. Ball Bearing Mfg. Co. (Ball Bearing), 4535 Palmer, Chicago.

695a— *Bearings (Tractor)

BUNTING BRASS & BRONZE CO., 738 Spencer, Toledo.
See adv index at end of book

695b— *Bearings (Wood)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

696—Beaters (Carpet & Rug)

Andrews Iron & Wire Works, Rockford, Ill.
Barlow & Kent Co., Urbana, O.
Basket Importing Co., 119 W 23rd, New York
Beats All Mfg. Co. ("Beats All"), Fairmont, Minn.
Cady Mfg. Co. ("Cady"), Auburn, N. Y.
Catawissa Specialty Mfg. Co., Catawissa, Pa.
Cooley Mfg. Co., 551 W Monroe, Chicago, Ill.
Cassady Fairbank Mfg Co. (Wire), 6126 S La Salle, Chicago, Ill
Conn, A. H. ("Cyclone"), Cedar Rapids, Ia.
Dawson J. R. Mfg. Co., Fairhill Station, Philadelphia, Pa.
Ely T. J. Mfg. Co. ("Dandy" Rattan, also Wire), Erie, Pa.
Erie City Mfg. Co., Erie, Pa.
Fernald Mfg. Co. ("Hilton"), North East, Pa.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Hessler H. E. Co., Syracuse, N. Y.
Hilker Edward Mop Co., 2614 W Grand av, Chicago, Ill.
Hollow Cable Mfg. Co. ("Preston's" Braided Wire), Hornell, N. Y.
Holt-Lyon Co. ("Cleaner" Wire), Tarrytown, N. Y.
Malin & Co. ("Malin's" Braided Wire), Cleveland, O.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Parker Wire Goods Co. (Wire), Worcester, Mass.
Racine Iron & Wire Works, Racine, Wis.
Raymond Mfg. Co. (Ltd.), Corry, Pa.
Reading Saddle & Mfg. Co. ("Reading" Carpet Whip), Reading, Pa.
Ressler G. S. & Co., Lansing, Mich.
Smith & Phillips Mfg. Co. ("World Beater," "Polished Spring Wire"), 1008 W Madison, Chicago, Ill.
Spring Handle Co., Abingdon, Ill.
Standard Wire Co. ("Gem" Wire), New Castle, Pa.
Steinfeld Bros. ("Holdfast" Wire), 116 W 32nd, New York
Streeter N. R. & Co. ("Sensible" Coil Spring), Rochester, N. Y.
Thum Chas. D., 150 N 3d, Philadelphia, Pa.
Thurnauer G. M. Co. (Rattan), 6 E 20th, New York
Utility Mfg. Co., Sturgis, Mich.
Wilson Mfg. Co., Niles, O.
Woods-Sherwood Co. ("Sherwood's" Wire), Worcester, Mass.
Zinn Charles & Co., 893 B'way, New York

697—Beaters (Egg & Cream)

A. & J. Mfg. Co. ("A. & J." Egg Beater & Cream Whip), Binghamton, N. Y.
Bridgeport Wire Goods Co., East Port Chester, Conn.
Browne W. G. Mfg. Co. ("Cyclone"), Kingston, N. Y.
Cassady Fairbank Mfg. Co. ("Turbine"), 6126 S La Salle, Chicago, Ill.
Chapman Co. ("Van Deusen" Egg Whip), Geneva, N. Y.
Christy Knife Co. ("Christy"), Fremont, O.
Continental Co., Penobscot bldg, Detroit, Mich.
Darby Edw. & Sons Co., 239 Arch, Philadelphia, Pa.
Dawson J. R. Mfg. Co. ("Surprise"), Fairhill Sta., Philadelphia, Pa.
Dorsey Mfg. Co. ("Roberts"), 39 Pearl, Boston, Mass.
Dover Stamping & Mfg. Co. ("New Dover" for Family Use & "Leviathan Dover" for Confectioners), Cambridge, Mass.
Dunlap J. S., 334 S Clinton, Chicago, Ill.
Fischer Bros. & Corwin, 635 N 3d, Newark, N. J.
Fries Geo. Sons, 222 S Front, Philadelphia, Pa.
Giles & Nielsen Nickel Works ("Clipper"), Troy, N. Y.
Hamblin & Russell Mfg. Co. ("Dover"), Worcester, Mass.
Hollow Cable Mfg. Co. ("Only Perfect"), Hornell, N. Y.
Holt-Lyon Co. ("Holts Improved Dover," "Lyon" Holt's Jar Cream Whip & Butter Mergers, "E Z Y" Ball-Bearing), Tarrytown, N. Y.
Kohler Die & Specialty Co. (Cream), De Kalb, Ill.
Landers, Frary & Clark ("Dover"), New Britain, Conn.
Meek Mfg. Oven Co., Newburyport, Mass.
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
Morgan Spring Co. ("Diamond"), Worcester, Mass. *See adv index at end of book*
National Indicator Co. ("S & S"), Vernon av, Bklyn, N. Y.
National Mfg. Co. ("Natwire," "Dover," "French," "Superior," "Surprise," also Spoon & Spiral), Worcester, Mass.
Novelty Mfg. Co. ("Cosmos"), Waterbury, Conn.
Parker Wire Goods Co. ("Dover," Hotel & Family, also Wire Egg Beaters & Whips), Worcester, Mass.
Parkesburg Stamping & Mfg. Co. ("Up-to-Date"), Parkesburg, Pa.
Racine Confectioners' Machinery Co., Racine, Wis.
Racine Iron & Wire Works, Racine, Wis.
Roseland Can & Specialty Co. ("Double Quick"), Rockford, Ill.
Silver & Co. ("Silver"), 304 Hewes, Brooklyn, N. Y.
Standard Egg Co. ("Silver Pattern"), 26 So Market, Boston, Mass.
Standard Wire Co., New Castle, Pa.
Star Specialty Co., Ashland, O.
Taplin Mfg. Co. ("Dover," "Tumbler," "Light Running," "Taplin"), New Britain, Conn.
Thurnauer G. M. Co. ("Rover's"), 6 E 20th, New York
Turner & Seymour Mfg. Co. ("T. & S. Dover"), Torrington, Conn.
Wire Goods Co. ("Dover" & Wire), Worcester, Mass.
Wire Hardware Co., 6126 S La Salle, Chicago, Ill.
Woods-Sherwood Co. ("Sensible" & "Surprise" Beaters & Whip), Worcester, Mass.

698-9— Beaters or Whisks (Isinglass)

Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.

Bed Plates

See Roll Bars & Bed Plates, Paper Mill

699— *Beds

HAGGARD & MARCUSSON CO., 1109 W 37th, Chicago, Ill.
See adv index at end of book

700— Beds (Ceiling)

Vanishing Ceiling Bed Co., Phelan bldg, San Francisco, Cal.

Beds (Spring)

See Mattresses, Woven Wire

700a— Beds (Wall)

American Wall Bed Co., 1339 W 21st, Chicago, Ill.
Limpton H. E. & Co., 578 Monadnock bldg, San Francisco, Cal.
McGarvey Ulrich A., Phelan bldg, San Francisco, Cal.
Marshall & Stearns, Phelan Bldg, San Francisco, Cal.
Pacific Spring Bed Co., Berkeley, Cal.

701—Bedstead Mfrs. (Brass or Iron)

ARKANSAS.

FORT SMITH—Ward Furniture Mfg. Co. (Brass & Iron)

CALIFORNIA.

LOS ANGELES—Van Vorst C. B. Co. (Brass & Iron)
SAN FRANCISCO—Bernhard Mattress Co. (Iron), 739 Mission
Rudgear-Merle Co. (Brass & Iron), 198 Bay

CONNECTICUT.

SHELTON—Whitcomb Metallic Bedstead Co. (Brass & Iron)

GEORGIA.

ATLANTA—Atlanta Metal Bed Co.
Gholstin Spring & Mattress Co. (Iron)

ILLINOIS.

BRADLEY—Turk Jos. Mfg. Co. (Iron, Steel & Brass)
CHICAGO—American Metal Ware Co. (Brass), 368 W Huron
Art Bedstead Co. (Brass & Iron), 37th & Rockwell
Davis, Horwich & Steinman (Iron), 2236 La Salle
HAGGARD & MARCUSSON CO. (Iron), 1109 W 37th, Chicago, Ill.
See adv index at end of book
Horn Bros. Mfg. Co. (Iron), 1144 W Superior
Union Wire Mattress Co. (Iron), Blackhawk & Cherry
EAST ST. LOUIS—St. Louis Bed & Mfg. Co. (Brass & Iron)
PEORIA—Peoria Lounge & Mattress Co. (Iron)

INDIANA.

EVANSVILLE—Evansville Metal Bed Co. (Brass & Iron)
Metal Furniture Co. ("Hygiene")
INDIANAPOLIS—Laycock T. B. Son Co. (Brass & Iron)
MARION—Harwood-Barley Mfg. Co.
MOORESVILLE—Indiana Brass & Iron Bed Co. (Brass & Iron)

KENTUCKY.

LOUISVILLE—Belknap Hardware & Mfg. Co. (Brass & Iron)

LOUISIANA.

NEW ORLEANS—Crescent Bed Co., Ltd., (Iron), Gravier & Broad
Magee Mfg. Co. (Brass & Iron), 1518 Tcoupt
Orleans Metal Bed Co. Ltd., 518 City Park

MAINE.

BANGOR—Bangor Mattress Co. (Iron)

MARYLAND.

BALTIMORE—Foster Bros. Mfg. Co. (Brass & Iron), 320 N Holliday
Southern-Rowe Co., 623 W Pratt
Weems A. W. (Brass & Iron), 331 N Howard

MASSACHUSETTS.

BOSTON—Bent G. W. Co. (Brass & Iron), 93 Causeway
Boston Metallic Bed Co. (Iron), 90 Canal
Merrimac Mattress Mfg. Co. (Iron), 129 Portland
Richardson, Wright & Co. (Iron), 65 Beverly
WESTBORO — Foster-Richardson Co. (Brass & Iron)

MICHIGAN.

DETROIT—Jenks & Muir Mfg. Co. (Brass & Iron), 1441 Hastings

MINNESOTA.

MINNEAPOLIS—Gangelhoff Bros. (Brass & Iron), 909 S. 2nd
Minneapolis Bedding Co. (Brass & Iron), E Henn av & S E 5th
Salisbury & Satterlee Co. (Iron), 201 S E Main
RED WING—Red Wing Mfg. Co. (Brass & Iron)
ST. PAUL—United States Bedding Co. (Iron)

MISSOURI.

KANSAS CITY—Brown Bed Mfg. Co. (Brass & Iron)
ST. LOUIS—American Bed Co. (Brass & Iron), 18th & Park av
Foster Bros. Mfg. Co. (Iron), Broadway & Buchanan
Mellon & Storm Mfg. Co., 10th & Mullanphy
Smith & Davis Mfg. Co. (Iron), 20th & Locust

NEW JERSEY.

BAYONNE—Knickerbocker Metallic Bed. Co.
JERSEY CITY—Mersereau Metal Bed Co., (Brass & Iron), 292 Johnston av
New York Metallic Bedstead Co., 198 Pacific av
NEWARK—American Metal Bed Co. ("Snow White"), 52 Clifton
Newark Spring Mattress Co., 84 Madison

NEW YORK.

ALBANY—Hasselbarth C. O. (Brass & Iron)
BUFFALO—Barcalo Mfg. Co. (Brass & Iron)
Hard Mfg. Co. (Iron), 117 Tonawanda
Otis Bed Mfg. Co., 818 Main
MECHANICSVILLE—Eckerson Bedding Co. (Iron)

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Gasau Thompson Co., 10 Ashland pl
Greenpoint Metallic Bed Co. (Brass & Iron), 226 Franklin
Royal Metal Furniture Co. (Brass & Iron), 125 8th
Schlesinger W. S. & Co., Richardson
Stander Jacob (Brass), 645 Dekalb av
Weisglass Samuel & Co., 13 Montauk av

Manhattan and The Bronx.

NEW YORK—Hall Frank A. & Sons (Im), 120 Baxter
Hudson Metal Bed Co. (Brass & Iron), Lexington av & 46th
New York Couch Bed Co., 418 W 25th
Ostermoor & Co. (Brass & Iron), 116 Elizabeth
Rogers C. P. & Co. (Brass & Iron), 14 E 33rd
Schlesinger W. & S. & Co. (Iron), 382 2nd av

Borough of Queens.

LONG ISLAND CITY—Manhattan Bedding Co. (Brass & Iron), Anable av

ROCHESTER—Rochester Brass Bed Co. (Brass)
ROME—Rome Metallic Bedstead Co. (Brass & Iron)
TRUXTON—Bryant Furniture Co. (Iron)
UTICA—Foster Bros. Mfg. Co. (Iron, Brass & Wood)
Hasselbarth-Whiton Co.

NORTH CAROLINA.

HIGH POINT—High Point Metallic Bed Co,
WINSTON SALEM—Forsyth Iron Bed Co. (Brass & Iron)

OHIO.

ASHLAND—Kauffman Mfg. Co. (Iron)
CINCINNATI—Hunt M. A. Co. (Brass & Iron), Dempsey & C. H. & D. Ry.
Nunner & Ashton Co. (Brass & Iron), 417 E Pearl
CLEVELAND—Forest City Bedstead Co., 1197 W 67th

PENNSYLVANIA.

BUTLER—Pittsburgh Hickson Co.
CORRY—Kurtz Brass Bed Co. (Ltd.)
HARRISBURG — Boll Bros. Mfg. Co. (Brass & Iron)
PHILADELPHIA—Bernstein Mfg. Co. (Brass & Iron), 3d & Westmoreland
Bunting J. R. Bedding Co. (Iron), 1505 Wharton
Dougherty H. D. & Co. ("Faultless" Brass & Iron), 17th & Indiana
McMahen Wm. H. (Brass & Iron), 244 S 2d
PITTSBURGH—Pittsburgh Metal Bed Co., 1136 Brown
Pittsburgh Tube Co. (Brass or Iron), Keystone bldg. Mills: Colona, Pa.

TENNESSEE.

CHATTANOOGA—Heron Iron Bedstead Co.

VERMONT.

SOUTH SHAFTESBURY—Eagle Square Mfg. Co. (Steel & Iron),

WASHINGTON.

KENT—Simplex Bed Mfg. Co. (Steel)
TACOMA—Lock Rail Iron Bedstead Co. (Iron)

WISCONSIN.

FOND DU LAC—Winnebago Furniture Mfg. Co. (Iron)
KENOSHA—Simmons Co. (Brass & Iron)

702— Bee Keepers' Supplies

Blanke Mfg. & Supply Co., 3d & Washington av, St. Louis, Mo.
Dadant & Sons, Hamilton, Ill.
Falconer W. T. Mfg. Co., Falconer, N. Y.
Kretchmer Mfg. Co. (Bee Comb Foundations, Bee Hives, Honey Box Sections, Foundation Fasteners, Honey Boards, Honey Extractors, Bee Escapes, Wax Extractors, Bee Smokers, Rubber Bee Gloves, Bee Feeders, Wax Presses, Italian Bees, etc), Council Bluffs, Ia.
Leahy Mfg. Co., Higginsville, Mo.
Lewis G. B. Co., Watertown, Wis.
Lotz August & Co., Boyd, Wis.
Marshfield Mfg. Co., Marshfield, Wis.
Root A. I. Co., Medina, O.

703— Beeswax

Bowdleaf W. H. Co., 69 Broad, Boston, Mass.
Bromund E. A. Co., 356 B'way, New York
Candy & Co. (Bleachers & Refiners), 401 N Paulina, Chicago, Ill.
Cathedral Candle Co., Syracuse, N. Y.
Chrystal Chas. B., 13 Cliff, New York.
See adv index at end of book
Fuerst Bros. & Co. (Imported), 2 Stone, New York
Fuller Ralph L. & Co., Inc., 2 Rector, New York. *See adv index at end of book*
Gonzalez Andres (Imp), 82 Pine, New York
Harburger & Stack (Imported), 27 Ferry, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Innes, Speiden & Co. Inc., 46 Cliff, New York. *See adv index at end of book*
Jacob Chas. W. & Allison (Imp), 18 Cedar, New York
Knapp Edw. J. Candle Co., Syracuse, N. Y.
Marty F. & Co. (Bleachers & Refiners), Syracuse, N. Y.
National Aniline & Chemical Co., 21 Burling Slip, New York
Root A. I. Co., Medina, O.
St. Louis Candle & Wax Co., 233 Market, St. Louis, Mo.
Scheel Wm. H. (Imported), 159 Maiden la, New York
Smith & Nichols (Imp), 121 Maiden la, New York
Stevenson, Bro. & Co., 110 Race, Phila., Pa.
Strahl & Pitsch (Imported), 141 Front, New York
Whittemore-Wright Co. (Imported), Charleston, Boston, Mass.
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.
Will & Baumer Co. (Bleachers & Refiners), Syracuse, N. Y.

703a—*Beeter Knives (Paper Mill)

Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
See adv index at end of book
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y.
See adv index at end of book

Beetles

See Mallets, Wooden

704— *Bell Cords

See also Cords, Trolley, Etc

ROEBLING'S, JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book

705— Bell Founders

American Bell & Foundry Co. (Cast Steel), Northville, Mich.
Bell C. S. Co., Hillsboro, O.
Bevin Bros. Mfg. Co., East Hampton, Ct.
California Brass Wks (Kingwell Bros.), 450 Natoma, San Francisco, Cal.
Cincinnati Bell Foundry Co., 2933 Spring Grove av, Cincinnati, O.
East Hampton Bell Co., E. Hampton, Ct.
Fuller Frederic, 277 Brook, Providence, R. I.
Garratt W. T. & Co. 299 Fremont, San Francisco, Cal.
Gong Bell Mfg. Co., East Hampton, Ct.
Graham Jas. & Co., New Haven, Conn.
Hill N. N. Brass Co., E. Hampton, Ct.
McShane Bell Foundry Co., Harford av & B. & O. R. R., Baltimore, Md.
Meneely Bell Co., Troy, N. Y.
Meneely & Co., Watervliet, N. Y.
Mousley's Chas. Sons, 417 N 12th, Phila., Pa.
New Departure Mfg. Co., Bristol, Conn.
See adv index at end of book
Ross-Meehan Foundries, Chattanooga, Tenn.
Starr Bros. Bell Co., East Hampton, Ct.
Stuckstede Hy. Bell Foundry Co., 1312 S 2d, St. Louis, Mo.
Van Duzen, E. W. Co., 428 E 2d, Cincinnati, O.
Waterbury Mfg. Co., Waterbury, Conn.
Williams E. A. & Son, 109 Plymouth, Jercity, N. J.

Bell Ringers

See Locomotive Bell Ringers

706—Bellows (Blacksmiths', Molders', Etc.)

Brand S. H. Co., 559 W Lake, Chicago, Ill.
Bullock T. H. Mfg. Co., Cleveland, O.
California Bellows Works, 416 Harriet, San Francisco, Cal.
Charlotte Bellows Works, Charlotte, N. C.
Christen Bellows & Mfg. Co. ("Christen"), Main & Dock, St. Louis, Mo.
Cincinnati Bellows Works, 2211 Norwood av, Norwood, Cincinnati, O.
Cleveland Osborn Mfg. Co. (Molders' Only), 5405 E Hamilton, Cleveland, O.
Dobson Wm. (Molders' Calfskin), Canastota, N. Y.
Flaccus Wm. Oak Leather Co., 1228 River av, Pittsburgh, Pa.
McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.
Paxson, J. W. Co., 1021 N Delaware av, Phila., Pa.
Woodason Thomas (Blacksmiths' & Molders', etc), 2900 D, Phila., Pa.
Woodison E. J. Co., Detroit, Mich.

707—*Bellows (Brass & Wood)

JACKSON EDWIN A. & BRO., INC., 50 Beekman, New York
See adv index at end of book

708— Bells (Altar)

East Hampton Bell Co., East Hampton, Conn.
Riley-Klotz Mfg. Co., 17 Mulberry, Newark, N. J.
Starr Bros. Bell Co., East Hampton, Conn.

709—Bells (Automobile & Bicycle)

See also Bells, Electric; also Bells & Gongs, Car, Etc.
Bevin Bros. Mfg. Co., East Hampton, Conn.
Gong Bell Mfg. Co., East Hampton, Conn.
Liberty Bell Co., 417 Superior av, Cleveland, O.
Mossberg Frank Co. ("Jitney," Also Carriage), Attleboro, Mass.
New Departure Mfg. Co. ("New Departure" Bicycle Only), Bristol, Conn.
See adv index at end of book
Reiter G. C., Canton, O.
Starr Bros. Bell Co., East Hampton, Conn.

Bells (Cable End)

See Potheads & Sleeves

710— Bells (Call)

Gong Bell Mfg. Co., East Hampton, Conn.
Hill N. N. Brass Co., East Hampton, Conn.
Starr Bros. Bell Co., East Hampton, Conn.
Sternau S. & Co., 35 Gold, Brooklyn, N. Y.

Bells (Chime)

See Bells, Church, Farm, Fire & School

711—Bells (Church, Farm, Fire & School)

American Bell & Foundry Co., Northville, Mich.
Bell C. S. Co. (Steel Alloy), Hillsboro, O.
Blymer Iron Works Co., Cincinnati, O.
Cincinnati Bell Fdry. Co., 2933 Spring Grove av, Cincinnati, O.
Durfee Walter H. & Co. (Tubular, Tower, etc), 151 Pond, Providence, R. I.
Foote J. B. Foundry Co., Fredericktown, O.
Gamewell Fire Alarm Telegraph Co. (Fire), Newton-Upper Falls, Mass.
Garratt W. T. & Co., 299 Fremont, San Francisco, Cal.
Gibson & Kirk Co. (Farm), 217 Key Highway, Baltimore, Md.
Lehr Agricultural Co., Fremont, O.
McShane Bell Foundry Co., Hartford av & B. & O. R. R., Baltimore, Md.
Manhattan Electrical Supply Co. (Fire Alarm), 17 Park pl, New York
See adv index at end of book
Meneely Bell Co., Troy, N. Y.
Meneely & Co., Watervliet, N. Y.
Mossberg Frank Co. ("Cuckoo" Tire, Electric & Vertical), Attleboro, Mass.
National Bell Fdy Co. (Bells), Cincinnati, O.
New Departure Mfg. Co. ("New Departure," Fire, for Apparatus and on Buildings), Bristol, Conn.
See adv index at end of book
Ross-Meehan Foundries, Chattanooga, Tenn.
St. Louis Bell Fdry. (High Grade), 2735 Lyon, St. Louis, Mo.
Stuckstede Henry Bell Foundry Co., 1312 S 2d, St. Louis, Mo.
Van Duzen E. W. Co., 428 E 2d, Cincinnati, O.
Williams E. A. & Son, 109 Plymouth, Jersey City, N. J.

712— Bells (Cow & Sheep)

Bevin Bros. Mfg. Co., East Hampton, Conn.
Blum Mfg. Co., Collinsville, Ill.
East Hampton Bell Co., East Hampton, Conn.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Starr Bros. Bell Co., East Hampton, Conn.

713— Bells (Door & House)

See also Bells, Electric
Bevin Bros. Mfg. Co., East Hampton, Conn.
Bradley & Farnham ("Anchor," "Simplex"), Middlefield, Conn.
Builders Supply Corp. (Door Rotary), 342 E Wash., Indianapolis, Ind.
East Hampton Bell Co., East Hampton, Conn.
Gong Bell Mfg. Co., East Hampton, Conn.
Hill N. N. Brass Co., East Hampton, Conn.
New Departure Mfg. Co. ("New Departure"), Bristol, Conn.
See adv index at end of book
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Reiter G. C., Canton, O.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Starr Bros. Bell Co. (Gong, Alarm, Rotary Door, Call, etc), East Hampton, Conn.

714— Bells (Electric)

Ansonia Electrical Co. ("Eureka," "Wizard"), Ansonia, Conn.
Bunnell J. H. & Co. ("Beeko"), 32 Park pl, New York
Bryant Zinc Co., 600 Orleans, Chicago, Ill.
Chicago Ry Signal & Supply Co., 122 S Michigan av, Chicago, Ill.
Conn. Tele. & Elec. Co., 70 Britnia, Meriden, Conn.
Cory Chas. & Son (Call), 286 Spring, New York
Edwards & Co. ("Lungen," "Vigilant," "Recti," "Economy"), Exterior av & 140th, New York
Electric Goods Mfg. Co. ("Victor," "Dandy," "Tyrolean"), Canton, Mass.
Elec'l Sales Co., 176 Federal, Boston, Mass.
Empire Transformer Co., 2214 Sedgwick, Chicago, Ill.
Engineering Products Co., 40 Goldsmith av, Detroit, Mich.
Gamewell Fire Alarm Tele. Co., Newton Upper Falls, Mass.
Holtzer-Cabot Electric Co. ("Hub-Dome"), 125 Amory, Boston, Mass.
Keil Francis & Son ("Reliance," "Ampro"), 401 E 163d, New York
Manhattan Electrical Supply Co. ("Nonpareil," "Crescent," "Crescendo," "Monitor"), 17 Park pl, New York
See adv index at end of book
MEAD ELECTRIC SIGNAL CO., 2056 E 4th, Cleveland, O.
Menominee Elec. Mfg. Co., Menominee, Mich.
Ostrander W. R. & Co., 371 B'way, New York
P R Mfg. Co. ("Rex," "Marlo," "X X X," "Eclipse," "Ekla," "Straightline," "P R Weatherproof"), Detroit, Mich.
Partrick & Wilkins Co., 51 N 7th, Phila., Pa.
Pearce Fred'k Co. (For Railway Signaling), 18 Rose, New York
Railroad Supply Co., 203 S Dearborn, Chicago, Ill.
Reading Hardware Co. (Ring & Rotary Door), Reading, Pa.
Russell Electric Co. ("Electric Whistle," "Freco"), Danbury, Conn.
Samson Elec. Co., 146 Summer, Canton, Mass.
Schwarze Electric Co., Adrian, Mich.
Service Electric Co. ("Smith"), 122 S. Michigan av, Chicago, Ill.
Spies Elec. Wks, 564 W Vanburen, Chicago, Ill.
Stanley & Patterson ("Faraday," "Skelton" & Enclosed Type), 23 Murray, New York
Starr Bros. Bell Co. (Mechanical), East Hampton, Conn.
Strong, Carlisle & Hammond Co. ("S. C. & H. Co."), 336 Frankfort av, N W, Cleveland, O.
Western Electric Co. ("Hawthorne," Relay), 463 West, New York
Wilhelm H., 70 Frost, Brooklyn, N. Y.

715— Bells (Engine)

Bevin Bros. Mfg. Co., East Hampton, Conn.
Cory Chas. & Son, 286 Spring, New York
Meneely & Co., Watervliet, N. Y.
Reiter G. C., Canton, O.
Starr Bros. Bell Co. (Locomotive Gongs, etc), East Hampton, Conn.
Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.
Van Duzen E. W. Co., 428 E 2d, Cincinnati, O.
Williams E. A. & Son, 109 Plymouth, Jersey City, N. J.

716— Bells (Fog)

Bevin Bros. Mfg. Co., East Hampton, Conn.
Blymer Iron Works Co., Cincinnati, O.
Starr Bros. Bell Co. (Binnacle & Signal), East Hampton, Conn.
Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.
Williams E. A. & Son, 109 Plymouth, Jersey City, N. J.

717—Bells (Hand, Dinner, Etc.)

East Hampton Bell Co. (Call, Tea, etc), East Hampton, Conn.
Starr Bros. Bell Co. (Auctioneers, School, Tea, etc), East Hampton, Conn.

Bells (Highway Crossing)

See Signals, Railway Crossing

Bells (House)

See Bells, Door & House

717a— *Bells (Iron Box)

MANHATTAN ELECTRICAL SUPPLY CO., 17 Park pl., New York
See adv index at end of book

Bells (Light House)

See Bells, Fog

Bells (Locomotive)

See Bells, Engine

717b— *Bells (Navy Standard)

MANHATTAN ELECTRICAL SUPPLY CO., 17 Park pl., New York
See adv index at end of book

717c—*Bells (Pivoted Armature)

MANHATTAN ELECTRICAL SUPPLY CO., 17 Park pl., New York
See adv index at end of book

Bells (School, Fire & Factory)

See Bells, Church, Farm, Fire & School

718— Bells (Sleigh)

American Ring Co., Waterbury, Conn.
Bevin Bros. Mfg. Co., East Hampton, Conn.
Brabson Bros., 47 Hamilton, Newark, N. J.
East Hampton Bell Co., East Hampton, Conn.
Starr Bros. Bell Co. (Also Body Straps, etc), East Hampton, Conn.

719— Bells (Telephone)

American Electric Co., 6401 S State, Chicago, Ill.
Automatic Appliance Co. (Magneto), 172 Columbus av, Boston, Mass.
Bevin Bros. Mfg. Co., East Hampton, Conn.
Bridgeport Brass Co. ("Magneto"), Bridgeport, Conn.
Chicago Telephone Supply Co., Elkhart, Ind.
Holtzer-Cabot Electric Co., 125 Amory, Boston, Mass.
Ladd W. C., Bristol, Conn.
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
Menominee Electric Mfg. Co., Menominee, Mich.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Schwarze Electric Co. ("Schwarze," Loud Ringing Magnets Extension), Adrian, Mich.
Stanley & Patterson Inc., 23 Murray, New York
Utica Fire Alarm Telegraph Co., Utica, N. Y.

720—Bells & Gongs (Car, Etc.)

Adams & Westlake Co., 319 W Ontario, Chicago, Ill.
American Foundry & Mfg. Co. (Bronze), 11th & Herbert, St. Louis, Mo.
American Tube & Stamping Co., Bridgeport, Conn.
Bevin Bros. Mfg. Co., East Hampton, Conn.

BELLS AND GONGS (Car, etc.)—contin'd

Brill J. G. Co. ("Dedenda," Platform Gong "Retriever," Signal Bell), 62d & Woodland av, Phila., Pa.
Consolidated Car Heating Co. (Single Stroke Bells), Albany, N. Y.
Dayton Mfg. Co. ("Dayton," Gong), Dayton, O.
East Hampton Bell Co., East Hampton, Conn.
Electric Appliance Co., 701 W Jackson blvd, Chicago, Ill.
Electric Service Supplies Co. ("Keystone," Pneumatic Gong), 17th & Cambria, Phila., Pa.
Glasgow Iron Co., Pottstown, Pa.
Gong Bell Mfg. Co., East Hampton, Conn.
Mossberg Frank Co. (& Clock), Attleboro, Mass.
New Departure Mfg. Co. ("New Departure"), Bristol. Conn.
See adv index at end of book
Pressed Steel Tank Co., Greenfield av, Milwaukee, Wis.
Reiter G. C., Canton, O.
Ross-Meehan Foundries, Chattanooga, Tenn.
St. Louis Car Co. ("St. Louis," Bells & Gongs Made of Rolled Steel), 8000 N B'way, St. Louis, Mo.
Starr Bros. Bell Co. ("Bartons"), East Hampton, Conn.
Van Duzen E. W. Co. (Trip), 428 E 2nd, Cincinnati, O.
Wall P. Mfg. Supply Co., 105 Prebleau, Pittsburgh, Pa.
Wallace Supplies Mfg. Co. ("Standard," Steel Gongs), 412 Orleans, Chicago, Ill.

721—Bells & Gongs (Unmounted)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
American Tube & Stamping Co., Bridgeport, Conn.
Bevin Bros. Mfg. Co., East Hampton, Conn.
Bridgeport Brass Co., Bridgeport, Conn.
East Hampton Bell Co., East Hampton, Conn.
Gong Bell Mfg. Co., East Hampton, Conn.
Hill N. N. Brass Co., East Hampton, Conn.
Mossberg Frank Co. (Steel & Pressed Brass), Attleboro, Mass.
New Departure Mfg. Co. ("New Departure"), Bristol, Conn.
See adv index at end of book
Waterbury Mfg. Co., Waterbury, Conn.

722—Belt Cleaning & Rebuilding

Raniville F. Co., Grand Rapids, Mich.

723—*Belt Conveyor Trippers & Appliances

Jeffery Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book

723a— Belt Couplings (Round)

QUADRIGA MFG. & SPECIALTY CO. (For Autos & Motor Cycles), 213 W Grand av, Chicago, Ill.
See adv index at end of book

724— Belt Dressing

Ackley & Brink Mfg. Co., 123 E Canal, Cincinnati, O.
Akron Belting Co. ("Electric"), Akron, O.
ALEXANDER BROTHERS, 414 N 3rd, Phila., Pa.
Allen W. D. Mfg. Co. ("Ajax," "Red Cross"), 566 W Lake, Chicago, Ill.
American Belting Co.'s, 1609 Gough, Baltimore, Md.
American Oil Co. Corp. ("Amoilco"), Jackson, Mich.
American Oil Co. ("A. O. C."), 180 So Water, Providence, R. I.
American Steam Packing Co. ("American"), 191 High, Boston, Mass.
Animal Oil Co. ("Animaloil"), Ontario nr Delaware River, Phila., Pa.
Atlantic Mfg. Co. ("Atlantic" Leather), Wilmington, Del.
Bachmann J. & Co. ("Imperial"), 16 Reade, New York
Badger Gas & Gasoline Engine Co., Kansas City, Kans.
Barnum Bros. Co. ("Trojan," "Solar"), Troy, N. Y.
Bayerson Oil Works ("20th Century"), Erie, Pa.
Belden A. G. & Co. ("Pycnolum"), 29 Burling slip, New York
Beltine Chemical & Mfg. Co., 401 N Sangamon, Chicago, Ill.
Billings-Brown Co., Cleveland, O.
Black Diamond Mfg. Co. ("Black Diamond"), 1219 Bank, Cincinnati, O.
Bradford Belting Co. ("Monarch"), 2nd & Walnut, Cincinnati, O.
Buffalo Specialty Co. ("Electric"), 375 Ellicott, Buffalo, N. Y.
Burr Oak Belting Co. ("Flexible"), 521 Livingston, Cincinnati, O.
Callahan Geo. & Co. ("Anti-Slip"), 218 Front, New York
Canfield Oil Co., Cleveland, O.
Carpenter Geo. B. & Co., 440 N Wells, Chicago, Ill.
Carbono Specialty Mfg. Co., 366 W B'way, New York
Carton Belting Co. ("Carton"), 52 Everett, Allston, Mass.
Cataract Refining & Mfg. Co. ("Cascade Stick"), Buffalo, N. Y.
Chemical & Engineering Co. ("Red Dragon" Neutral), Watertown, N. Y.
Chesapeake Belting Co. ("Star"), 823 McKim, Baltimore, Md.
Chesterton A. W. Co. ("Excelsior," "Castorol"), 64 India, Boston, Mass.
Chicago Belting Co., 125 N Green, Chicago, Ill.
Climax Refining Co., Williamson bldg, Cleveland, O.
Cling-Surface Co. ("Cling-Surface," "Erusa" Liquid), Buffalo, N. Y.
Codd Tank & Specialty Co. ("Hug-tight"), 406 W Camden, Baltimore, Md.
Cold Water Refining Co., Raymelton, Pa.
Commercial Chemical Co. ("X L N C"), 212 Essex, Boston, Mass.
CORLISS MFG. & SUPPLY CO. ("C.C.C."), 1906 Olive, St. Louis, Mo.
Cortland Specialty Co. ("Banner"), Cortland, N. Y.
Crandall Packing Co., Palmyra, N. Y.
Crescent Belt Fastener Co. ("Handy Bar"), 381 4th av, New York
Desmond-Stephan Mfg. Co. ("Stephan"), Urbana, O.
Dixon Joseph Crucible Co. ("Dixon's Solid, Traction & Paste), Jersey City, N. J.
Doermann-Roehrer Co. ("Do Ro"), 318 E 3rd, Cincinnati, O.
Druid Oak Belting Co. ("Primo," "Beltnoslip"), 111 E Lombard, Baltimore, Md.
Duntley Co. ("Loldco" preservative), 295 5th av, New York
Duntley Co. The, 732 S Michigan av, Chicago, Ill.
Duryea Mfg. Co. ("W W", "Wooster"), Bayonne, N. J.
Eagle Counter & Leather Co., 416 E 8th, Cincinnati, O.
Eagle Oil & Supply Co. ("Eagleine Holdfast," "Victor"), 104 Broad, Boston, Mass.
Ellert C. H., Evansville, Ind.
Etsweiler Wm. (Electric), 230 N 3d, Phila., Pa.
Fansher Bros. ("Perfection"), Dayton, O.
Franklin Co., Bound Brook, N. J.
Gallaway G. W. ("Beltine"), 322 Pearl, New York
Gandy Belting Co. ("Gandy"), 740 W Pratt, Baltimore, Md.
Garlock Packing Co., Palmyra, N. Y.
Garnet Co. The (Liquid & Bars), Allentown, Pa.
Gingras Edward F., 202 Main, Buffalo, N. Y.
Gold Walter C. ("The Page"), 235 Race, Phila., Pa.
Goodyear Rubber Hose & Packing Co. ("Vulcan"), 241 Chestnut, Phila., Pa.
Graspit Mfg. Co., 721 Wash. bl., Chicago, Ill.
Graton & Knight Mfg. Co. ("Royal," Worcester," "Star"), Worcester, Mass.
Gray Specialty Co. ("Gray's Velvet"), 148 Avon av, Newark, N. J.
Great Western Oil Co., 2846 E 37th, Cleveland, O.
Grip-Tite Co. ("Grip-Tite"), New Brunswick, N. J.
Hall-Thompson Co. ("Wonder Worker"), Hartford, Conn.
Hercules Mfg. Co. ("Hercules 2 in 1"), 4328 Greenwood av, Chicago, Ill.
Hinds & Coon ("Hug-It"), 126 Pearl, Boston, Mass.
Houghton E. F. & Co. (Adhesive), 240 W Somerset, Phila., Pa.
Hudson Belting Co. (Hudson Bar "Number One"), 3 Eaton pl, Worcester, Mass.
Invincible Mfg. Co., Central Natl. Bk. bldg, Columbus, O.
Ironsides Co. ("Ironsides" Belt Shield), Columbus, O.
Jewell Belting Co., Hartford, Conn.
Jobbers' Mfg. Co. ("Blue Ribbon"), 327 S La Salle, Chicago, Ill.
Kendall Refining Co., Bradford. Pa.
Laurence Belting Co., 111 Chambers, New York
Leather Preserver Mfg. Co., 542 W Jackson bl, Chicago, Ill.
Lightning Mfg. Co., Orchard & Torsdale, Phila., Pa.
Lynch Alonzo K. ("Champion"), 310 Flushing av, Brooklyn, N. Y.
McLellan Mfg. Co., 265 W 33rd, New York
Main Belting Co. ("Leviathan"), 1219 Carpenter, Philadelphia, Pa.
Manufacturers' Belt Hook Co. ("L.-X.", "Cracker Jack"), 1321 W Congress, Chicago, Ill.
Manufacturers' Oil & Grease Co. ("Royal"), Century bldg, Cleveland, O.
Modoc Co., Fernwood, Philadelphia, Pa.
Montgomery Bros. ("Paragon"), 45 S 2d, Philadelphia, Pa.
Mt. Vernon Belting Co. ("Ease-On"), 333 Warren av, Baltimore, Md.
National Leather Mfg. Co. ("National" Oil & Non-Slip), Niles, Mich.
New York Leather Belting Co. ("Phoenix" Bar), 465 Kent av, Brooklyn, N. Y.
Nott W. S. Co. ("Old Hickory"), 2nd av N & 3rd, Minneapolis, Minn.
Oleum Products Co., Scranton, Pa.
Page Belting Co. ("Crown." for Leather Belts), Concord, N. H.
Palmer N. & Co. ("Charter Oak"), Bridgeport, Conn.
Panama Oil & Grease Co. ("Panama," "Wheatley"), 159 W 51st, New York
Pechin Belting Co. ("Jim Dandy"), Fairmount & Front, Philadelphia, Pa.
Penna. Lubricating Co. ("Penn."), 34th & A. V. R. R., Pittsburgh, Pa.
Peuchen Stanley C., N Tonawanda, N. Y.
Phoenix Oil Co. ("Green Seal" for Rubber & Cotton), 2554 W 5th, Cleveland, O.
Philadelphia Belting Co, 6th & Spring Garden, Phila., Pa.
Pike E. N. & Son ("Flexole"), 93 Broad, Boston, Mass.
Pittsburgh Gage & Supply Co. ("Fort Duquesne"), 30th & Liberty av, Pittsburgh, Pa.
Plomo Specialty Mfg. Co. ("Whitmore's" "Plomo"), Cleveland, O.
Post E. L. & Co., 50 Cliff, New York
Raniville F. Co. ("Raniville's Belt Wax." Also Belt Cleaner & Stuffer), Grand Rapids, Mich.
Reed & Duecker ("R. & D."), Memphis, Tenn.
Rhoads J. E. & Sons, 12 N 3d, Philadelphia, Pa.
Riebe Green Soap Co., Seattle, Wash.
Rossendale-Reddaway Belting & Hose Co. ("Camel"), Newark, N. J.
Ruboil Belting Co., 8th & Wallace, Philadelphia, Pa.
Russia Cement Co. ("Signet"), Gloucester, Mass.
Salisbury W. H. & Co. ("Apex"), 105 S Wabash av, Chicago, Ill.
Savannah Supply Co. ("Strous" Liquid), Savannah, Ga.
Sawyer Belting Co. (For Canvas Belts), ft. Lisbon rd, S E, Cleveland, O.
Schieren Chas. A. Co. ("Beltfiller," "Flyfoot"), 30 Ferry, New York
Sero Specialty Co., 2860 E. 84th, Cleveland, O.
Shultz Belting Co. ("Shultz"), Bismarck & Barton, St. Louis, Mo.
Slipno Co., 38 Clifton, Newark, N. J.
Smith-Courtney Co. ("Powhattan), Richmond, Va.
Snyder M. L & Son (Swiftsure), 311 Market, Philadelphia, Pa.
Sonneborn L. Sons ("Amalie" Frip Non-Slip Stick & Syrup for All Kinds of Belts), 262 Pearl, New York
Southwick Geo. W. Co. ("Polar"), Stamford, Conn.
Standard Oil Co. of N. Y. ("Eureka"), 555 W 25th, New York
Staplin & Smith ("S. & S."), 359 W Austin, Chicago, Ill.
Star Lubricating Oil Co., 8714 B'way, Cleveland, O.
Steers Supply Co., 99 John, New York

Stephenson Mfg. Co. ("Stephenson"), Albany, N. Y.
Stevens Grease & Oil Co. (For Jobbing Trade Only), E 79th & Avrina av, Cleveland, O.
Stockxylite Grease & Oil Co., Port Huron, Mich.
Street J. D. & Co. ("Street Fraction"), 809 N 2nd, St. Louis, Mo.
Sullivan Oil Co. ("Sullivan's Economic"), 413 Wells, Chicago, Ill.
Talismanic Co., N. Tonawanda, N. Y.
Theanoil Mfg. Co., 1334 Toronto, Phila., Pa.
Texas Co. ("Texaco"), 17 Battery pl, New York
Turner Chas. A., 3rd av & Chancery, Pittsburgh, Pa.
Van Derhvort Hdwe Co., Lansing, Mich.
Viscol Co. ("Viscol," "Clarol," "Lorol," "Tenol," "Traher"), Cambridge, Mass.
Walton F. S. Co. ("Ox-Oil-Ox"), Orthodox & Delaware, Phila., Pa.
Waterproof Paint Co., Watertown, Mass.
Watt's Jno. M. Sons ("Nonpareil"), 54 N 2, Phila., Pa.
West Texas Products Co. (Wax), San Antonio, Tex.
White & Bagley Co. ("Neverslip"), Worcester, Mass.
Whitlock Mfg. Co., 1506 W 112th, Cleveland, O.
Widdicomb-Reed Co., Vestaburg, Mich.
Wing J. T. & Co., 19 Woodward av, Detroit, Mich.
Winn Wm. R. ("Winn"), 488 Cherry, New York
Wolff Norbert Co. ("Wolff"), 40 Renwick, New York
World Refining Co., Easton, Pa.
Zurn O. F. Co. ("Royal," "Peerless"), Broad & Lehigh, Phila., Pa.

725— Belt Fasteners

ALEXANDER BROTHERS, 414 N 3d, Phila., Pa.
Angell Belt Hook Co. ("Wilson" & "Self-Clinching"), 16 Warren av, Providence, R. I.
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Black Diamond Mfg. Co. ("Black Diamond" Hinge), 1219 Bank, Cincinnati, O.
BRISTOL CO. ("Bristol's" Steel Belt Lacing), Waterbury, Conn.
See adv index at end of book
Buffalo Specialty Co. ("Buffalo"), 375 Ellicott, Buffalo, N. Y.
Clipper Belt Lacer Co. ("Clipper" Hooks), 1042 Front av, Grand Rapids, Mich.
See adv index at end of book
Columbia Novelty Co. ("Stag," "Bulldog," "Flexible," "Dixie," Oval Point & Sewing Machine), St. Louis, Mo.
Crescent Belt Fastener Co. ("Crescent"), 381 4th av, New York
Dick R. & J. (Ltd.), ("Walker," "Jackson" Imported), Passaic, N. J.
Flexible Steel Lacing Co. ("Turtle"), 522 S Clinton, Chicago, Ill.
Forsyth Metal Goods Co., E Aurora, N. Y.
Greene, Tweed & Co. ("Jones," "Jackson's" Improved Pointed, "Blake's" Studs), 109 Duane, New York
Hart Mfg. Co., St. Louis, Mo.
Hercules Mfg. Co. ("Star"), 4328 Greenwood av, Chicago, Ill.
Hudson Belt Fastener Co. ("Ideal" Fastener, "Climax" Hooks), 149 Church, New York
Jencks E. Mfg. Co. ("Hicks" Pointed, etc), Worcester, Mass.
Jewell Belting Co. ("Potter," "Jones"), Hartford, Conn.
Jones H. H. (Hook), Lancaster, N. H.
Kenehan Steel Belt Fastener Co., 1252 W 3d, N W, Cleveland, O.
Kerr & Co. ("A B C" Metallic), 114 Liberty, New York
Manufacturers' Belt Hook Co. ("M. Covel," Oval Pointed, "Giant" Sewing Machine "L-XX" Steel, "Eagle"), 1321 W Congress, Chicago, Ill.
Morgan Spring Co. (Hook), Worcester, Mass. *See adv index at end of book*
National Ring Traveler Co., (Hook), 257 W Exchange, Providence, R. I.
Parker Wire Goods Co. (Pointed Belt & Sewing Machine Hooks), Worcester, Mass.
Pickering Ridgway S. (Or Belt Hooks), Sharon Hill, Pa.
Post E. L. & Co. ("Champion"), 50 Cliff, New York
Pratt Wm. E. Mfg. Co. ("The Chicago" Wire), 35 W Lake, Chicago, Ill.
Raniville F. Co., Grand Rapids, Mich.
Ruboil Belting Co. ("Ruboil" Clinching Hook), 8th & Wallace, Phila., Pa.
Sawyer Belt Hook Co. ("Jackson," "Wilson," "Church," "Sawyer"), Pawtucket, R. I.
Smith F. P. & Co. ("Smithicks," Pointed & Wire Sewing Machine Belt Hooks, etc), Sharon Hill, Pa.
Snap Detachable Belt Fastner Co., ("Snap" Detachable), 128 Murray, Newark, N. J.
Southwick Geo. W. Co., Stamford, Conn.
STRONG MACHY. & SUPPLY CO., ("Chase" Couplers), 21 Walker, New York, N. Y. *See adv index at end of book*
Talcott W. O. ("Wilson's" & Combination Clinching & "Acme"), 91 Sabin, Providence, R. I.
Upson Nut Co., Cleveland, O.
Voorhees Rubber Mfg. Co. (Plate Belt Fasteners or Hooks), 18 Bostwick av, Jersey City, N. J.
Waters-Garland Co. ("Glover's" Belt Hooks"), Louisville, Ky.
Webb Hinge Belt Hook Co. (Hinge Joint), Boonton, N. J.
Western Rawhide & Belting Co. ("Superior" Belt Hook for Round or Flat Belts), 600 S Pierce, Milwaukee, Wis.

726— Belt Filling

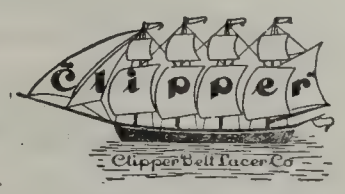
Chemical & Engineering Co. ("Red Dragon," Never Slip Belt Food for Filling & Waterproofing Leather & Canvas Belts), Watertown, N. Y.
Garnet Co. The (& Preserver), Allentown, Pa.

Belt Hooks

See Belt Fasteners

727— Belt Lacing

Akron Belting Co. (Wire & Rawhide), Akron, O.
ALEXANDER BROTHERS, 414 N 3d, Phila., Pa.
Allen W. D. Mfg. Co. (Wire), 566 W Lake, Chicago, Ill.
American Belting Co.'s, 1609 Gough, Baltimore, Md.
American Belting & Tanning Co. (Leather), 135 Oliver, Boston, Mass.
American Lace Leather Co., Richmond, Va.
Ashland Mfg. Co., W 43d & S Hermitage av, Chicago, Ill.
Barnes Henry K. Co. ("Crown" Rawhide & "Blueskin" Mineral Tanned), 234 Devonshire, Boston, Mass.
Bay State Belting Co. (Rawhide & Indian Tanned Leather), 605 Atlantic av, Boston, Mass.
Bickford & Francis Belting Co., 34 Pearl, Buffalo, N. Y.
Birdsboro Steel Foundry & Machine Co. (Coiled Steel Wire & Rawhide Pins), Birdsboro, Pa.
Bonner & Barnewall, 30 Church, New York
Bradford Belting Co. ("Monarch"), 2d & Walnut, Cincinnati, O.
BRISTOL CO. ("Bristol's" Patent Steel), Waterbury, Conn.
See adv index at end of book
California Tanning Co. ("Krom" Russian Tanned, "Peerless," "Star Brand" Rawhide), 1905 Shenandoah av, St. Louis, Mo.
Capen Belting & Rubber Co., St. Louis, Mo.
Central Belting Co., 41 W 21st, New York
Chicago Rawhide Mfg. Co. (Rawhide), 1301 Elston av, Chicago, Ill.
Clipper Belt Lacer Co. ("Clipper's" System of Wire Hooks), 1042 Front av, Grand Rapids, Mich.
See adv index at end of book



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NOW IN USE
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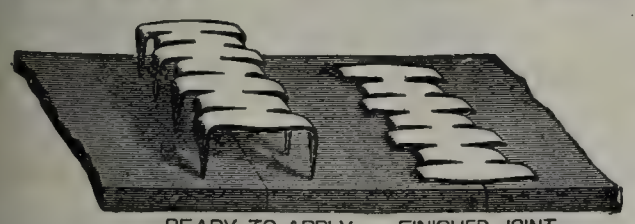
PATENT STEEL BELT FASTENERS

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The perfect fastener for all kinds of belts. Quickly and easily applied. No special tools required.
PATENT STEEL BELT LACING, OVAL POINTED BELT HOOKS, WIRE BELT LACING, PATENTED STEEL BELT PLATES, BI-FURCATED STEEL BELT RIVETS. Carried in stock by mill supply dealers
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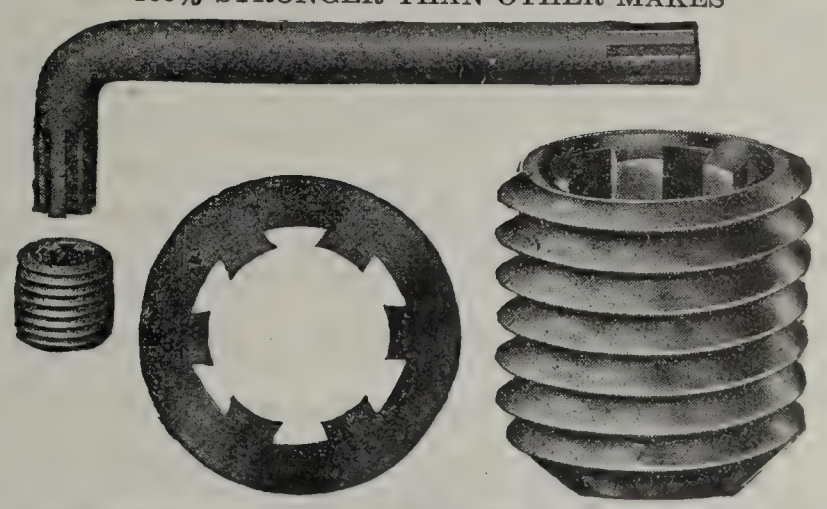
PATENTED SAFETY SET SCREWS
THE SET SCREWS WITH THE DOVE-TAILED FLUTES
100% STRONGER THAN OTHER MAKES


BELT LACING—continued

Columbia Novelty Co. ("Star" Steel, Golden Rule Wire, Belt Lacing, "Bull Dog," "Flexible," "Dixie Oval Painted & Sewing Machine"), 1431 N 8th, St. Louis, Mo.
Coupe Wm. Co. (Ltd.) ("Excelsior" Raw Hide & Oak Tanned), South Attleboro, Mass.
Couse & Bolten, 44 Lafayette, Newark, N. J.
Detroit Belt Lacer Co., Detroit, Mich.
Etsweiler William, 230 N 3d, Phila., Pa.
Flexible Steel Lacing Co. ("Alligator" Flexible Steel), 522 S Clinton, Chicago, Ill.
French H. P. Co. Inc., 320 B'way, New York *See adv index at end of book*
Gay Fred E. (Rawhide Side & Cut Lace Leather), Thornton, R. I.
Graton & Knight Mfg. Co. ("Royal Worcester Crescent & Indian Tanned Lace Leather), Worcester, Mass.
Groezinger's G. Sons ("Helvetia"), Lancaster, Pa.
Hayden J. M. Co. ("Globe" Wire), Grand Rapids, Mich.
Hercules Mfg. Co. ("Hercules" Wire), 4328 Greenwood av, Chicago, Ill.
Holyoke Belting Co. ("Massasoit," "Pequot"), Holyoke, Mass.
Houghton E. F. & Co. ("Vim"), 240 W Somerset, Phila., Pa.
Hudson Belt Fastener Co. ("Perfection" & "O. K." Wire), 149 Church, New York
Hudson Belting Co. (Rawhide & Indian Tanned Lace), 3 Eaton pl, Worcester, Mass.
Ireson Chas. L. (Leather), 221 High, Boston, Mass.
Jewell Belting Co. (Metallic Tipped), Hartford, Conn.
Kayser Raw Hide Co. ("Anchor" Raw Hide & Surface Tanned), 3914 N Broadway, St. Louis, Mo.
Kempe H. F. & Co., 565 Washington blvd, Chicago, Ill.
Kerr & Co. (Wire), 114 Liberty, New York
Ladew Edward R. Co. (Leather), 54 Franklin, New York
Malin & Co. (Composition Wire), Cleveland, O.
Manufacturers Belt Hook Co. ("L-X," "20th Century" Steel, "Eureka" Steel & Flexible, "Rainbow" Wire Belt Lace, "New Eureka"), 1321 W. Congress, Chicago, Ill.
Missouri Belting Co. ("Victor" Rawhide), Grand & La Salle, St. Louis, Mo.
National Leather Belting Co. (Rawhide), 342 E 38th, New York
National Leather Mfg. Co. ("Wolverine," "Monogram" Tanned), Niles, Mich.
New York Belting & Packing Co., 91 Chambers, New York
New York Leather Belting Co. ("Victor," Rawhide, "Lion Brand"), 465 Kent av, Brooklyn, N. Y.
North Chelmsford Machine & Supply Co., North Chelmsford, Mass.
Norwich Belt Mfg. Co. ("Defiance" Rawhide, "Samson," Indian Tanned, "Kromhyde," Chrome Tanned), Norwich, Conn.
Page Belting Co. ("Hercules"), Concord, N. H.
Palmer N. & Co. (Muleskin & Rawhide), Bridgeport, Conn.
Pechin Belting Co. ("Jim Dandy"), Fairmount & Front, Phila., Pa.
Peerless Rubber Mfg. Co., 31 Warren, New York
Philadelphia Belting Co., 6th & Spring Garden, Phila., Pa.
Rahmann Geo. & Co., 31 Spruce, New York
Raniville F. Co., Grand Rapids, Mich.
Rhoads J. E. & Sons ("Tannate"), 12 N 3d, Phila., Pa. Works: Wilmington, Del.
Salisbury W. H. & Co. ("Apex" Wire Lacing, "Blue Skin" Leather Lacing), 105 S Wabash av, Chicago, Ill.
Schieren Chas. A. Co. ("Giant," "Gowanus," "Duxbak"), 30 Ferry, New York
Shultz Belting Co. (Rawhide Lace Leather), Bismarck & Barton, St. Louis, Mo.
Sikes S. R. Co., 1030 S 3rd, Minneapolis, Minn.
Simmons Mfg. Co. (Coiled Wire), 77th & **Lyons av, Phila., Pa.**
Southern Belting Co., Atlanta, Ga.
Southwick Geo. W. Co. (Wire), Stamford, Conn.
Sumner Wm. Belting Co. (Leather), Tolland, Conn.
Upson Nut Co. (Metallic), Cleveland, O.
Van Riper Mfg. Co., Paterson, N. J.
Walker Chas. W. Sons & Co. (Lace Leather), 274 Market, Newark, N. J.
Weatherhead, Thompson & Co. (Rawhide), Pawtucket, R. I.
Western Rawhide & Belting Co. (Rawhide), 600 So Pierce, Milwaukee, Wis.
Williams I. B. & Sons ("Cocheco" Rawhide & "Oriole" Tanned), Dover, N. H.

728— Belt Lacing Machines

Birdsboro Steel Foundry & Machine Co. ("Jackson" Coil Wire), Birdsboro, Pa.
Clipper Belt Lacer Co. ("Clipper," "Baby"), 1042 Front av, Grand Rapids, Mich. *See adv index at end of book*
Peerless Belt Lacing Machine Co., Swanson & Moore, Phila., Pa.

728a—*Belt (Linemen's Tool)

SMITH & HEMENWAY CO. INC. ("Red Devil"), 261 B'way, New York, 130 Coit, Irvington, N. J.
See adv index at end of book

729— Belt Preservatives

See Belt Dressing

730— Belt Shifters

Brown A. & F. Co., 79 Barcley, New York.
Builders' Iron Foundry ("Universal"), 9 Codding, Providence, R. I.
Chandler & Farquhar Co. ("Pratt"), 36 Federal, Boston, Mass.
Cincinnati Tool Co. ("Pullet"), Norwood, Cincinnati, O.
See adv index at end of book
Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
Hagan L. T. ("Economy"), Winchester, Ky.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Le Blond R. K. Machine Tool Co. ("Le Blond" Mechanical), Cincinnati, O.
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
See adv index at end of book
Mossberg Wrench Co. ("Sim-Pull," "Sim-Plex"), Central Falls, R. I.
Ready Tool Co. ("Safety First"), Bridgeport, Conn.
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co., Chambersburg, Ua.

Belt Stretching Machines

See Machinery

Belt Studs

See Belt Fasteners

731— Belt Tighteners

Adams Company, Dubuque, Ia.
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
American Tool & Machine Co., 10 High, Boston, Mass.
Billings & Spencer Co., Hartford, Conn.
Brown A. & F. Co., 79 Barclay, New York
Burlingame A. Co., Worcester, Mass.
Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
Cresson Morris Co., Allegheny & 18th, Phila., Pa.
Diamond Iron Works, 2d & 18th av, Minneapolis, Minn.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Falls Clutch & Machy. Co., Cuyahoga Falls, O.
Filer & Stowell Co., 219 Becher, Milwaukee, Wis.
Goddell-Pratt Co., Greenfield, Mass.
Golden's Foundry & Machine Co., Columbus, Ga.
Great Western Mfg. Co., Leavenworth, Kan.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Hoggson & Pettis Mfg. Co. ("Porter"), New Haven, Conn.
Hunt Rodney Machine Co., Orange, Mass.
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Kendall R. C. & Co., 749 First Natl. Bk. bldg, Chicago, Ill.
Lane Mfg. Co. (Swing & Slide), Montpelier, Vt
Lane & Bodley Co., Tennessee av & Paddock rd, Cincinnati, O.
LINK-BELT COMPANY, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
Marseilles Co., East Moline, Ill.
Medart Patent Pulley Co. (Various Kinds), 3500 De Kalb, St. Louis, Mo.
Memphis Machine Works, Memphis, Tenn.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Plamondon A. Mfg. Co., 12 N Clinton, Chicago, Ill.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
Southwick Geo., 9 Maiden lane, New York
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
U. S. Machine Co., Williamsport, Pa.
Walker Mfg. Co., Denver, Colo.
Webster Mfg. Co., Tiffin, O.
Weller Mf. Co., 1856 N Kostner av, Chicago, Ill.
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co., Chambersburg, Pa.

732— Belt Webbing

Buffalo Weaving & Belting Co., Buffalo, N. Y.
Hope Webbing Co., 1005 Main, Providence, R. I.

733—Belting Butts (Leather)

Central Leather Co., 17 Battery pl, New York
Deford Co. (Oak Bark Tanned), 42 S Calvert, Baltimore, Md.
England Walton & Co. (Oak Scoured), 3d & Vine, Phila., Pa.
Kistler, Lesh & Co. ("Dependable" Oak & Union Tanned Rough), 321 A, Boston, Mass.
Ladew, Jones Co. (Finished), 105 South, Boston, Mass.
Leas & McVitty (Scoured Texas Oil), 303 Vine, Phila., Pa.
McAdoo & Allen, 329 N 3d, Phila., Pa.
Rees' Hans Sons (Oak), 39 Frankfort, New York
Smoot C. C. & Sons Co. (Rough), Alexandria, Va.
Toxaway Tanning Co. (Rough), 26 Ferry, New York
United States Leather Co. (Oak Tanned), 17 Battery pl, New York

734— Belting Mfrs.

NOTE—The Various Kinds of Belting Manufactured by the Firms listed under this heading are indicated in the parentheses following their names.
For Dealers in Belting, see Mill & Factory Supplies

CALIFORNIA.

SAN FRANCISCO—Bowers Rubber Works ("Copper Queen," "Live Oak," "Reliance," "Sunset" Rubber), 68 Sacramento
COOK H. N. BELTING CO. ("Golden State" Leather & Rawhide), 317 Howard

H. N. COOK
BELTING CO.
401-433 Howard St.
San Francisco

Degen L. P. Belting Co. (Leather), 258 Mission
Goodyear Rubber Co. ("Apex," "Hippo," "Badger," "Gold Seal"), 539 Mission

GOODYEAR RUBBER CO.
BELTING - HOSE - PACKING
539 MISSION ST.
SAN FRANCISCO, CAL.

Graton & Knight Mfg. Co., 247 Mission. *See adv index at end of book*
Heins Alex. Belting Co. (Leather & Rawhide), 2413 Harrison
Kelly-Linehan Belting Co., 33 Minna
Leland Equipment Co. (Cal. Branch of Chicago Belting Co.), 126 Pine
Pacific Mill & Mine Supply Co., 616 Mission
Page Belting Co. (Rubber, Cotton & Leather), 587 Market

GRATON & KNIGHT STANDARDIZED SERIES LEATHER BELTING, LACE LEATHER, PACKINGS, STRAPPING, AND LEATHER SPECIALTIES SOLD BY
THE GRATON & KNIGHT MFG. CO.
OF CALIFORNIA
247 Mission Street, San Francisco, Cal.

CONNECTICUT.

BRIDGEPORT—Palmer N. & Co. ("Charter Oak," "Water Witch," "Climax" & "Apex")
HARTFORD—Jewell Belting Co. (Leather)
MIDDLETOWN—Russell Mfg. Co. (Solid Cotton)
NEW HAVEN—Coe & Brown (Leather)
NORWICH—Norwich Belt Mfg. Co. (Oak Tanned)
Ulmer Leather Co. ("Sachem" Oak Leather)
STAMFORD—Southwick Geo. W. Co. (Reinforced Double)
TOLLAND—Sumner Wm. Belting Co. ("Underwood," Patent Cotton Leather Belting, Watch Twist, Angular or V, Round Solid, Plain Cotton & Round Twist)

DELAWARE.

WILMINGTON—Atlantic Mfg. Co. (Second Hand Leather)
McComb Thos. (Leather), 209 Shipley
Rhoads J. E. & Sons (Leather), 11th & B. & O. R. R. (See Phila., Pa.)

GEORGIA.

ATLANTA—Kelly-Jordan Belting Co. (Leather)
Southern Belting Co. (Leather)

ILLINOIS.

CHICAGO—Allen W. D. Mfg. Co. (Leather), 566 W Lake
Ashland Mfg. Co., W 43d & S Hermitage av
Chicago Belting Co. ("Reliance" & "Sea Lion" Waterproof Leather), 125 N Green
Chicago Pulley & Shafting Co., 40 S Clinton
Chicago Rawhide Mfg. Co. ("Krome" & Rawhide Leather), 1301 Elston av
Eagle Belting Co., 542 W Jackson blvd
Fensholt & Fechner, 16 S Clinton
Hercules Mfg. Co., 4328 Greenwood av
Lynch Edw. & Co. (Leather), 31 S Clinton
McCanley Belting Co. ("Shield" & "Marine" Leather), 412 Orleans
Moloney Belting Co. ("M" Leather), 301 W Randolph
Paris Belt & Novelty Co. (Leather), 231 N Wells
Rockford Belting Co., Rockford, Ill.
Salisbury W. H. & Co. (Leather), 105 S Wabash av
Woodcock Bros. (Leather), 165 N Jefferson
Young Inner Duck Leather Belting Co., 416 W Grand av

INDIANA.

EVANSVILLE—Evansville Leather & Belting Co. (Leather)
HAMMOND—McIlroy Belting & Hose Co. ("Rubber-Ite" Canvas)
INDIANAPOLIS—Duckwall Belting & Hose Co. ("Duro" Leather), 201 N West
Hide, Leather & Belt Mfg. Co. ("Volt" Machine Oak Tanned, "Wetprufe," Waterproof, Chrome, Dynamo Leather), 227 S Meridian

KENTUCKY.

LQUISVILLE—Cowan Andrew & Co. ("Tiger" Leather)

LOUISIANA.

NEW ORLEANS—Southern Belting Co. of New Orleans, La. (Leather), 602 S Peters
SHREVEPORT—Gulf States Belting & Hose Co. (Leather)

MAINE.

LEWISTON—Dickey Belting Co. (Leather)

MARYLAND.

BALTIMORE—American Belting Co.'s ("Alpha" Heavy Canvas), 1609 Gough
Baltimore Belting Co. ("Balto-belt" Oak Bark Tanned and "Navy Special"), 115 W. Lombard
Chesapeake Belting Co. (Stitched Canvas), 823 McKim
Dominion Asbestos & Rubber Corp. (Leather, Rubber, Balata, Canvas & Asbestos), 418 E. Pratt
See adv index at end of book
Druid Oak Belting Co. ("Druid Primo" Pure Chestnut; Oak Tanned, Acid, Water & Steam Proof), 111 E Lombard
Gandy Belting Co. (Stitched Cotton Duck), 740 W Pratt
Maryland Belting & Packing Co., (Leather), 1626 Bank
Mount Vernon Belting Co. ("Mt. Vernon" & "Obstitch" Stitched Canvas), 333 Warren av

MASSACHUSETTS.

BOSTON—American Belting & Tanning Co. ("Aquamarine" Water Proof Mineral Tanned Leather, Oak Tanned Leather), 135 Oliver
Barnes Henry K. Co. (Oak & Mineral Tanned Leather, Steam & Water Proof), 234 Devonshire
Bay State Belting Co. (Oak & Indian Tanned Leather), 605 Atlantic av
Boston Belting Corp. ("Imperial" Stitched, "Excelsior Red Friction," "Elmwood," "Special Excelsior," "Boston," "Niagara," "Trimount," "Universal," "Gutta Balata," "Flexite Balata," Conveyor, Elevator), 84 Linden Park
Carton Belting Co. (Stitched Canvas), Alls.
Globe Leather Belting Co. (Leather), 519 Atlantic av
Hamblet & Hayes Co. ("H & H" Hair), 284 Devonshire
Hunt Henry C. Co. (Leather), 135 Oliver
Ireson Chas. L. ("Anhydrous" Chrome & Tanned Leather), 221 High
Revere Rubber Co. (Giant, Seamless & Stitched Rubber), 60 High
Shackley W. T. & Son Co. ("Velvet" Oak Tanned Leather), 42 High
CAMBRIDGE—Boston Woven Hose & Rubber Co. ("Perfection" Rubber Belting Constructed of Fine Closely Woven Duck; also "Bull Dog," "Dandy," "Helmet," "Plymouth," "Bay State," "Service," "Raw," "Tiger," "Bison," "Vigo," "Utah," "Congress," & "Senate" Belting)
CHELSEA—Revere Rubber Co. (Giant Seamless & Stitched Rubber)
FALL RIVER—Hervey F. L. & Co. (Oak Tanned Leather)
Union Belt Co. (Oak Tanned)
HOLYOKE—Holyoke Belting Co. (Short Lap Oak Leather & Submarine & Waterproof Leather)
HUDSON—Foulds I. & Son (Chrome Waterproof Leather)
LAWRENCE—McLanathan F. W. & Son (Leather)
Olmstead-Flint Co. ("Pace-Maker," "Velap," "Steerstock," "Velocity" Leather), 32 Water
LOWELL—Turner J. S. Mfg. Co. ("Royal Oak" Oak Tanned Leather)
Wilby Wm. Estate, 68 Washington
Whiting Henry F. (Oak Tanned Leather)
NORTH CHELMSFORD—North Chelmsford Machine & Supply Co. (Oak Tanned Leather)
SOUTH ATTLEBORO—Coupe Wm. Co., (Ltd.) ("Excelsior" Raw Hide)
SPRINGFIELD—Springfield Belting & Supply Co. (Leather)
WORCESTER—Graton & Knight Mfg. Co. ("G. & K.," "Heart," "Graknight," "Pryzoak" Brand, "Geaknight Dynamo"
Hudson Belting Co. ("Mermaid," Waterproof, Stretched Oak, Mineral & Indian Tanned Leather), 3 Eaton pl

MICHIGAN.

DETROIT—Detroit Oak Belting Co. (Oak Tanned, Short Lap) 266 Wight
Edwards H. D. & Co. (Leather), 16 Woodward av
Wing J. T. & Co. (Oak Tanned Leather), 19 Woodward av
GRAND RAPIDS—Grand Rapids Belting Co., 1-3 Ionia av, Grand Rapids, Mich
Raniville F, Co. (Flat Rounded, Twisted, Built-up Solid Rounded; Acid Proof Water & Oil Proof, & Sewing Machine Leather Belting)
JACKSON—Central Distributing Co.
NILES—Acme Belting Co. ("Black Diamond," "Atlas" Canvas, Stitched)
National Leather Mfg. Co. ("National" Tan & Full Oak Tan, etc)

MINNESOTA.

MINNEAPOLIS—Nott W. S. Co. ("Diamond" Oak Tanned Leather, "Blue Stone"), 2nd av N & 3rd
Plant Rubber Co. (Rubber), 322 1st av N
Sikes S. R. Co. (Leather), 1030 S 3rd

MISSOURI.

KANSAS CITY—Webb Bros. Belting Co. (Oak Tanned Leather), 1304 Union av
ST. LOUIS—Bennett, Dreyer Buss. Belting Co., 3110 N 11th
Byrnes Belting Co. (Leather, Canvas & Rubber), 2109 Locust
Capen Belting & Rubber Co. ("Edge-On," Laminated Leather), Main & Chestnut
Cornelius Mill Furnishing Co. (Oak Tanned Leather), 1119 N 6th
Missouri Belting Co. (Oak Tanned Leather), Grand & La Salle
National Belting & Hose Co., 13th & Pine
Shultz Belting Co. (Rawhide & Woven Leather), Bismarck & Barton
Union Belting Co., 400 N 2nd

NEW HAMPSHIRE.

CONCORD—Page Belting Co. (Leather)
DOVER—Williams I. B. & Sons ("Cocheco," Oak-Tanned Leather)

NEW JERSEY.

BLOOMFIELD—Combination Rubber Mfg. Co. ("Indestructine," Bloomfield," "Franklin," "Mandarine," "Glenwood," "Essex," & "Trinity" Rubber)
Crisp Jas. & Co. (Round & Twist, etc)
HAMILTON SQUARE—Mercer Rubber Co. ("Mercer," "Hudson," "Salem," "Essex")
JERSEY CITY—Eureka Fire Hose Mfg. Co. (Cotton Machine), Wilkinson av
N. J. Car Spring & Rubber Co. ("Gladiator" Quilt Stitched), 91 Brunswick
Duryea Mfg. Co. ("Woosters" Cotton Waterproof), Bayonne
Voorhees Rubber Mfg. Co. (Rubber, "Criterion," "Union," "Federal," "Bostwick," "American," "High Speed," "Corliss," "Sensation," "Clairmont," "Power"), 18 Bostwick av
NEWARK—Couse & Bolten (Oak Tanned Leather), 44 Lafayette
Meier-Andres Belting Co. (Leather), 301 Market
Meier's Joseph Sons (Leather, "Steer Brand"), 256 Market
Monut & Brady (Leather), 46 Mechanic
Rossendale-Reddaway Belting & Hose Co. ("Sphinx" & Other Brands of Stitched Canvas Belting; also the "Camel Hair")
Walker Chas. W. Sons & Co. (Oak Tanned Leather), 288 Market
WALSH SONS & CO., 295-305 Passaic
PASSAIC—Dick R. & J. (Ltd.) ("Dickbelt," Original Balata Belt)
Manhattan Rubber Mfg. Co. ("Condor" Rubber)
PATERSON—Van Riper Mfg. Co. (Oak Leather)
TRENTON—Acme Rubber Mfg. Co. (Rubber)
Empire Tire & Rubber Corp. ("Alabama," "Amazon," "Empire's Best," "Empire Friction," "Indestructible," "La Salle," "Merrimac," "Model," "Monitor" & "Standard," Rubber Stitched or Plain), East Trenton
Hamilton Rubber Mfg. Co. (Rubber)
Home Rubber Co. (Rubber)
Lanning Geo. W. (Oak Leather, etc)
Thermoid Rubber Co. ("Thermoid" Rubber, Asbestos Covered, etc)
United & Globe Rubber Mfg. Co. ("U & G"), (Rubber)
Whitehead Bros. Rubber Co. (Rubber)
Woven Steel Hose & Rubber Co. (Rubber)

NEW YORK.

ALBANY—Albany Belting & Supply Co.
BUFFALO—Bickford & Francis Belting Co. ("B, C & D" & "B & F" Leather), 34 Pearl
Buffalo Belting Works (Leather), 18 Ellicott
Buffalo Weaving & Belting Co. (Solid Cotton Machine, 2 to 10 Ply: "R F & C," Patented)
Hewitt Rubber Co. (Rubber & Stitched)
Peerless Belting Co., Indian Church rd
EAST ROCHESTER—Empire Weaving & Belting Corp. ("Tuftex" Solid Cotton Woven)
See adv index at end of book
LOCKPORT—Empire Mfg. Co. ("Empire" Solid Cotton)

NEW YORK CITY.
Borough of Brooklyn.

BROOKLYN—Brooklyn Leather Belting Co., 42 S 6th
New York Leather Belting Co. ("Phoenix" Leather), 465 Kent av
Reinhold Belting & Supply Co. (Leather), 491 Atlantic av
Stine J. R. & Co., 465-471 Kent av

Boroughs of Manhattan and Bronx.

NEW YORK—Bachmann J. & Co. (Oak Tanned Short Lap Leather), 16 Reade
Ballard Stephen Rubber Co., 90 W B'way
Bonner & Barnewall ("Perfection," Oak Tanned Leather), 30 Church
Boyle John & Co. (Solid Woven Cotton, Rubber Filled), 112 Duane
Central Belting Co. (Leather), 41 W 21st
Cuming Henry B., 207 Center
Dominion Asbestos & Rubber Corp. ("Dominion," "Sovereign," "Regent") (Leather, Rubber, Balata, Canvas, & Asbestos), 154 Nassau & 67 Murray
See adv index at end of book
FAIRBANKS CO. (Jobbers in Leather), 416 Broome, New York
For branch houses see Alphabetical Section
Fay Belting Co., 151 Lafayette
Goodrich B. F. Co. ("Goodrich," "Pilgrim," "Pinnacle," "Cycle," "Rob Roy," "Marathon"), 1780 B'way
Goodyear Rubber Co. & Rubber Clothing Co. (Rubber), 787 B'way.
Gutta Percha & Rubber Mfg. Co. ("Maltese Cross," "Red Strip," "Montana," "Mohawk," "Sagamore" Rubber, Montana Sitched Duck, Seamless Cover), 126 Duane
Hauschildt & Ekins, 222 Center
Johnson Belting Co. (Leather), 342 E 38th
Ladew Edward R. Co. ("Hoyt," "Flintstone" Short Lap Oak Tanned Belting), 54 Franklin
Laurence Belting Co. ("Pyramid," "Essex"), 111 Chambers
Maguire Rubber Co., 30 Church
Manhattan Belting Co. (Leather), 329 Lafayette
Mechanical Rubber Co. (Rubber), 73 Reade
National Leather Belting Co. (Oak Tanned), 342 E 38th
New York Belting & Packing Co. (Rubber), 91 Chambers
NEW YORK RUBBER CO. (Rubber), 323 W Randolph, Chicago, Ill., Reade & Church, New York
Northrop E. R. Co., 88 White
Peerless Rubber Mfg. Co. ("Rainbow," Rubber), 31 Warren
Rahmann Geo. & Co. (Leather), 31 Spruce
ROBINS CONVEYING BELT CO. (Rubber), 13 Park Row
See adv index at end of book
Scandinavia Belting Co. ("Scandinavia" Solid Woven Cotton), 106 Reade
Schieren Chas. A. Co. ("Royal Extra," "Bull's Head," "Electric," Oak-Tanned & "Duxbak" Steam & Water Proof), 30 Ferry
Schwartz Belting Co. (Leather), 76 Murray
Shoemaker W. H. & Son (Rondo & Oak Tanned Leather Belting), 36 Vesey
STRONG MACHINERY & SUPPLY CO. ("Strong's Tisafine"), 21 Walker. *See adv index at end of book*
Zimmer Conrad (Leather), 70 Fulton
(End of New York City)

PALMYRA—Crandall Packing Co.
ROCHESTER—Cross Bros. & Co. (Leather)
Empire Weaving & Belting Corp. ("Tuftex" Solid Cotton), East Rochester
See adv index at end of book
Forster John M. Co. (Leather)
SYRACUSE—Syracuse Supply Co. (Oak-Tanned Leather)
TROY—Barnum Bros. Co. ("Tan-Rex," "Rex," "Barbraco" Leather)
Troy Belting & Supply Co. (Leather)
UTICA—Lawton W. M., 6-10 Devereaux
Smyth-Despard Co. ("Royal Oak," Tanned Leather)
Smyth-Despard Co. ("Royal Oak," "Chieftain" & "True Oak" Oak-Tanned Leather)

NORTH CAROLINA.

CHARLOTTE—Charlotte Leather Belting Co.

OHIO.

AKRON—Akron Belting Co. (Leather, "Akron" Brand)
Goodrich B. F. Co. (Rubber) ("Commander," "Goodrich," "Pilgrim," "Pinnacle," "Cycle," "Rob Roy," "Marathon")
Goodyear Tire & Rubber Co. ("Balata" Canvas)
CINCINNATI — Bradford Belting Co. ("Monarch" Leather), 2nd & Walnut
Burr Oak Belting Co. ("Burr," Oak "Square Deal" Tanned Leather), 521 Livingston
Cincinnati Rubber Mfg. Co. ("Arno," "Broncho," "Consul," "Norwood," "Pacemaker," "Pawnee," "Sandow"), Plain, Friction Surface, Rubber & Stitched)
Curry J. W. Co. ("Curry" Fabric, Endless), 2615 Cummins
Eagle Counter & Leather Co. (Leather), 416 E 8th
Franklin Cotton Mill Co. (Cotton), Plum & Charles
Mooney Belting Co. (Leather). 844 W 6th
Regal Belting Co. (Leather), 2520 Spring Grove av
CLEVELAND—Buckeye Belting & Supply Co. (Leather), 1560 W 3rd
Canvas Belting Co.
Cleveland Fabric Belting Co., 1471 W 110th
Mau-Sherwood Supply Co. ("Republic," "Erie" Oak Tanned Leather), 1616 W 3rd
Mechanical Rubber Co. (Rubber), ft Lisbon rd, S E
Sawyer Belting Co. (Canvas Stitched), Ft. Lisbon, S E
COLUMBUS—**JEFFREY MFG. CO.** ("Century" Rubber), 961 N Fourth
See adv index at end of book
ELYRIA—National Belting Co. ("Textol" Canvas)
SPRINGFIELD—Bretney H & Co. (Leather),
TOLEDO—Hettrick Mfg. Co. ("Hettrick's" Canvas Stitched & Sewed Cotton Duck, "Inner Duck" Leather)
YOUNGSTOWN — Republic Rubber Co. ("Mercury" Rubber)

OREGON.

PORTLAND—Davis-Scott Belting Co. (Leather), 240-260 Hawthorne av
Lambert Multiplus Co., 110 Union av

PENNSYLVANIA.

CHESTER—Consolidated Belting Co.
MANHEIM—**MANHEIM MFG. & BELTING CO.** ("Veelos")
NORRISTOWN—Montgomery Belting & Supply Co. (Leather), 147 W Main
PHILADELPHIA—**ALEXANDER BROS.** (Oak Tanned), 414 N 3d
Arny C. W. & Son (Oak Tanned), Trenton & Somerset
Barlow Bros. (Leather), 543 N 64th
Billington J. H. Co. ("Danforth" Leather), 113 Chestnut
BOND CHAS. CO. (Leather), 617 Arch
Brown D. P. & Co. ("Teon," made in England), 264 N 4th
Covell Belting Co., 41 N 7th
Dominion Asbestos & Rubber Corp. (Leather, Rubber, Balata, Canvas, Asbestos), 110 Walnut
See adv index at end of book
Etsweiler William ("Alas Balata," Leather), 230 N 3d
Fisher Leather Belting Co., 221 N 3d
Gilmer L. H. Co. ("Keystone" & "Vincent" Solid Cotton), Tacony
Goodrich B. F. Co. ("Goodrich," "Pilgrim," "Pinnacle," "Cycle," "Rob Roy," "Marathon") Broad & Sp. Garden
Himmelien & Bailey (Leather), 248 Chestnut
Hood R. H. Co. ("Marathon" Leather), 1842 Germantown av
Industrial Requirements Co. ("Apex" Chrome Leather), 136 Chestnut
Johns H. W.-Manville Co. ("J-M," Rubber & Duck), 23 N 2d
Main Belting Co. ("Leviathan," Canvas), 1219 Carpenter
Paulus Jos. C. & Co. (Leather), 2507 Potter
Pechin Belting Co. ("None-Such" Oak Leather & Chrome), Fairmount & Front
Quaker City Rubber Co. ("Ironsides," "Atlantic," "Desert" Friction-clad, "Standard," "Hercules," "Crown" & Quaker Rubber), 629 Market
Restein, Clement Co. (Rubber, etc), 139 N 2d
Rhoades J. E. & Sons, 12 N 3d. Works: Wilmington, Del.
Richie, Crawford Co. (Leather), 414 N 3d
Ruboil Belting Co. ("Ruboil"), 8th & Wallace; Factory: Newark, N. J.

Smith Manning J. Belting Co., 41 E Ashmead, Gtn.
Wise & Bailey (Leather), 108 Walnut
PITTSBURGH—Colonial Supply Co., 414 1st av
Hartley-Ross Belting Co. (Leather), 425 1st av
WILLIAMSPORT—Slate's Geo. Sons

RHODE ISLAND.

BRISTOL—National India Rubber Co. (Rubber)
PAWTUCKET—Bucklin C. R. Belting Co.
Weatherhead, Thompson & Co. (Leather)
PROVIDENCE—MacWatty Belting Co., 7 Beverly
Narragansett Belting Co. (Leather), 68 W Exchange

TENNESSEE.

MEMPHIS—Reed & Duecker ("U. S." Oak Tanned Leather & "Hippo." Water Proof Leather Belting)

TEXAS.

FORT WORTH—Fort Worth Well Machy. & Supply Co.

VIRGINIA.

RICHMOND—Dominion Asbestos & Rubber Corp. (Leather, Rubber, Balata, Canvas & Asbestos), 8 Governor *See adv index at end of book*
RICHMOND — Richmond Leather Mfg. Co. (Leather)
Virginia Leather Co. (Oak Tanned)

WISCONSIN.

MILWAUKEE—Milwaukee Leather Belting Co., 499 12th
Rasmussen Julius, 111 W Water
Western Raw Hide & Belting Co. ("White" Rawhide & "Superior" Surface Tanned), 600 So Pierce

735—Belting Mfrs. (Acid Proof)

Acme Belting Co. ("Black Diamond" Canvas Stitched), Niles, Mich.
Chesapeake Belting Co., 823 McKim, Baltimore, Md.
Combination Rubber Mfg. Co. ("Indestructine"), Bloomfield, N. J.
Dick R. & J. (Ltd.) ("Dickbelt," Original Balata Belt), Passaic, N. J.
Druid Oak Belting Co. ("Dobco" Oak Tanned), 111 E. Lombard, Baltimore, Md.
Empire Tire & Rubber Corp., East Trenton, N. J.
Graton & Knight Mfg. Co. ("G. & K.," "Spartan Fume"), Worcester, Mass.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Hide, Leather & Belt Mfg. Co. ("Wetprufe"), 227 So Meridian, Indianapolis, Ind.
Home Rubber Co., Trenton, N. J.
Raniville F. Co., Grand Rapids, Mich.
Rossendale-Reddaway Belting & Hose Co. ("Camel Hair"), Newark, N. J.
Shultz Belting Co. ("Aqua"), Bismarck & Barton, St. Louis, Mo.

Belting Mfrs. (Angular)

See Belting Mfrs.

735a—Belting Mfrs. (Asbestos)

See Also Belting Mfrs.

Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book

736-7—Belting Mfrs. (Balata)

Boston Belting Corp., ("Gutta-Balata," "Flexite Balata"), 84 Linden Park, Boston, Mass.
Chesapeake Belting Co. ("Chebeco"), 823 McKim, Baltimore, Md.
Dick R. & J. (Ltd.) ("Dickbelt," Original Balata Belt), Passaic, N. J.
Fabreeka Belting Co., Burlington, Vt.
FAIRBANKS CO. (Jobbers), 416 Broome, New York.
For branch houses see Alphabetical Section
Goodyear Tire & Rubber Co. ("Goodyear"), Akron, O.
Imperial Belting Co. ("Pyramid-Balata"), 400 N Lincoln, Chicago, Ill
Empire Rubber & Tire Co. ("Champion"),
MANHEIM MFG. & BELTING CO. ("Veelos"), Manheim, Pa.
Olmstead-Flint Co., Lawrence, Mass.
Republic Rubber Co. ("Lanco"), Youngstown, O.
See adv index at end of book
STRONG MACHINERY & SUPPLY CO. ("Tisafine"), 21 Walker, New York
See adv index at end of book
Victor-Balata & Textile Belting Co. ("Victor-Balata") 38 Murray, New York

738—Belting Mfrs. (Canvas, Rawhide Center)

National Leather Mfg. Co., Niles, Mich.

739— Belting Mfrs. (Canvas Stitched)

Acme Belting Co. ("Atlas"), Niles, Mich.
American Belting Co.'s ("Alpha"), 1609 Gough, Baltimore, Md.
Boston Woven Hose & Rubber Co. ("Milo," "Junior"), Cambridge, Mass.
Boyle John & Co., 112 Duane, New York
Carton Belting Co. ("Carton" (Red), "Carzack" (Black) Stitched Canvas), 52 Everett, Allston, Mass.
Chesapeake Belting Co., 823 McKim, Baltimore, Md.
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Combination Rubber Mfg. Co. (Straight & Serpentine Stitched), Bloomfield, N. J.
Empire Tire & Rubber Corp. ("Champion"), East Trenton, N. J.
Fairbanks Co. (Jobbers), 416 Broome, New York.
For branch houses see Alphabetical Section
Gandy Belting Co. ("Gandy"), 740 W Pratt, Baltimore, Md.
Goodrich B. F. Co., Akron, O.
Goodyear Rubber Co., 539 Mission, San Francisco, Cal.
See adv index at end of book
Hettrick Mfg. Co., Toledo, O.
Imperial Belting Co. ("Rexall," "Sahara"), 400 N Lincoln, Chicago, Ill.
McIlroy Belting & Hose Co. ("Rubber-Ite"), Hammond, Ind.
Main Belting Co. ("Leviathan"), 1219 Carpenter, Phila., Pa.
MANHEIM MFG. & BELTING CO. (Hemeke), Manheim, Pa.
Mount Vernon Belting Co., 333 Warren av, Baltimore, Md.
National Belting Co. ("Textol," "Black Devil," "Pyramid" and "Red Jacket"), Elyria, O.
National Leather Belting Co., 342 E 38th, New York
New Jersey Car Spring & Rubber Co. ("Gladiator" Quilt), 91 Brunswick, Jersey City, N. J.
Olmstead-Flint Co. ("Pennant," "Ensign"), Lawrence, Mass.
Page Belting Co., Concord, N. H.
Peerless Rubber Mfg. Co. ("Royal," "Crown"), 31 Warren, New York
Rossendale-Reddaway Belting & Hose Co. ("Sphinx" & Other Brands), Newark, N. J.
Ruboil Belting Co., 8th & Wallace, Phila, Pa.
Sawyer Belting Co. (Roll & Endless), ft Lisbon rd, S E, Cleveland, O.
Victor Balata & Textile Belting Co. ("Ampere," "White Seal," "Trough Con"), 38 Murray, New York
Whitehead Bros. Rubber Co., Trenton, N. J.

740—Belting Mfrs. (Chain Link)

BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
Chain Belt Co. ("Griplock"), Milwaukee, Wis.
Diamond Chain & Mfg. Co., Indianapolis, Ind.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Federal Malleable Co. (Malleable Iron), West Allis, Wis.
Franklin Park Foundry Co. (Detachable), Franklin Park, Ill.
Herschel R. Mfg. Co., Peoria, Ill.
Howe Scale Co. of Illinois, 1315 S Wabash av, Chicago, Ill.
JEFFREY MFG. CO. (Steel), 961 N 4th, Columbus, O. *See adv index at end of book*
LINK-BELT COMPANY ("Ewart" Detachable & Pintle Chain), 39th & Stewart av, Chicago, Ill.; Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
Link Chain Co. ("Arrow Brand" Detachable Chain), Williamsport, Pa.
Locke Steel Belt Co., Bridgeport, Conn.
Mey Chain Belt Co., Buffalo, N. Y.
Michigan Sprocket Chain Co., Delray, Detroit, Mich.
Moline Malleable Iron Co., St. Charles, Ill.
Moore & Lorenz Co., 2444 W Fulton, Chicago, Ill.
National Leather Belting Co., 342 E 38th, New York
ROBINS CONVEYING BELT CO., 13 Park Row, New York
See adv index at end of book
Stowell Co. The (Malleable Iron), S Milwaukee, Wis.
Union Chain & Mfg. Co., Seville, O.
Union Engineering Co., Cuyahoga & W 4th
Webster Mfg. Co., Tiffin, O.
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.
Whitaker Mfg. Co., 409 S Green, Chicago, Ill.
Whitney Mfg. Co., Hartford, Conn.
Wisconsin Iron & Wire Works (For Pulp Mills), Milwaukee, Wis.

741— Belting Mfrs. (Conveyor)

See also Conveyors, Belt; Belting, Canvas Stitched; Belting, Rubber; Belting, Chain Link

Boston Belting Corp. (Balata & Rubber), 84 Linden Park, Boston, Mass.
Burrell Belting Co. (Solid Woven Cotton), 1413 S Hermitage av, Chicago, Ill.
Chain Belt Co. ("Griplock"), Milwaukee, Wis.
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Colonial Supply Co., 414 1st av, Pittsburgh, Pa.
Empire Tire & Rubber Corp., East Trenton, N. J.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Goodrich B. F. Co. ("Longlife"), Akron, O.
Home Rubber Co., Trenton, N. J.
Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
MANHEIM MFG. & BELTING CO. ("Python"), Manheim, Pa.
NEW YORK RUBBER CO., 323 W Randolph, Chicago, Ill., Reade & Church, New York
Page Steel & Wire Co., Adrian, Mich.
See adv index at end of book
Quaker City Rubber Co., 629 Market, Phila., Pa.
ROBINS CONVEYING BELT CO., 13 Park Row, New York
See adv index at end of book
Rossendale-Reddaway Belting & Hose Co. (Stitched Canvas, "Black Bird," Woven Cotton), Newark, N. J.

Belting Mfrs. (Cotton)

See Belting Manufacturers, Solid Cotton

742-3—*Belting Mrfs. (Detachable Chain)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Link-Belt Co., 39th & Stewart av, Chicago, Ill., and Hunting Park av & P & R Ry, Phila, Pa. *See adv index at end of book*

Belting Mfrs. (Fan)

See Belts, Automobile

Belting Mfrs. (Leather)

See Belting Manufacturers

744-5-6-Belting Mfrs. (Leather Link)

Schieren Chas. A. Co. ("American"), 30 Ferry, New York
Shultz Belting Co. ("Shultz"), Bismarck & Barton, St. Louis, Mo.

747—Belting Mfrs. (Perforated)

Schieren Chas. A. Co., 30 Ferry, New York

748—Belting Mfrs. (Rawhide)

Bay State Belting Co. ("Indian Tan"), 605 Atlantic av, Boston, Mass.
Chicago Rawhide Mfg. Co., 1301 Elston av, Chicago, Ill.
Coupe Wm. Co. (Ltd.), ("Flexible," "Excelsior"), South Attleboro, Mass.
Missouri Belting Co. ("Giant"), Grand & La Salle, St. Louis, Mo.
National Leather Mfg. Co., Niles, Mich.
Page Belting Co., Concord, N. H.
Shultz Belting Co. ("Shultz Sable"), Bismarck & Barton, St. Louis, Mo.
Western Rawhide & Belting Co. ("Superior"), 600 S Pierce, Milwaukee, Wis.

749—*Belting Mfrs. (Rope)

COLUMBIAN ROPE CO., 3050 Genesee, Auburn, N. Y.
See adv index at end of book

750—Belting Mfrs. (Round or Twist)

Rawhide Leather

Bay State Belting Co., 605 Atlantic av, Boston, Mass.
Chicago Rawhide Mfg. Co. (Rawhide), 1301 Elston av, Chicago, Ill.
Colonial Supply Co., 414 1st av, Pittsburgh, Pa.
Coupe Wm. Co., Ltd. (Rawhide, Round), South Attleboro, Mass.
Crisp Jas. & Co., Bloomfield, N. J.
Graton & Knight Mfg. Co. ("Spartan" Twist & Solid Round), Worcester, Mass.
Hudson Belting Co., 3 Eaton pl, Worcester, Mass.
Jewell Belting Co., Hartford, Conn.
Ladew Edward R. Co. (Leather), 54 Franklin, New York
Missouri Belting Co. ("Ebony," Round), Grand & La Salle, St. Louis, Mo.
National Leather Mfg. Co. (Rawhide, Tan), Niles, Mich.
N. Y. Leather Belting Co., 465 Kent av, Brooklyn, N. Y.
Page Belting Co. ("Crown" Leather), Concord, N. H.
Raniville F. Co. ("Star," "Oko," "Gam-Tan," "Olotan," Round & Flat), Grand Rapids, Mich.
Rhoads J. E. & Sons ("Tannate"), 12 N 3d, Phila., Pa. Works: Wilmington, Del.
Schieren Chas. A. Co., 30 Ferry, New York
Shultz Belting Co. ("Shultz"), Bismarck & Barton, St. Louis, Mo.
Sumner Wm. Belting Co. (Patent Cotton Leather), Tolland, Conn.
Western Rawhide & Belting Co. ("Superior"), 600 S Pierce, Milwaukee, Wis.
Williams I. B. & Sons ("Gilt Edge" Round), Dover, N. H.

Belting Mfrs. (Rubber)

See Belting Mfrs. with the word Rubber following their names

751—Belting Mfrs. (Solid Cotton)

Acme Belting Co. ("Black Diamond"), Niles, Mich.
Bay State Belting Co., 605 Atlantic av, Boston, Mass.
Boyle John & Co. (Solid), 112 Duane, New York
Brophy Belting & Supply Co. (Hand Wove Endless Belt), Madison, Ind.
Brown Arthur S. Mfg. Co. ("Tilton" Endless), Tilton, N. H.
Buffalo Weaving & Belting Co., Buffalo, N. Y.
Burrell Belting Co., 413 S Hermitage av, Chicago, Ill.
Carton Belting Co. ("Azak"), 52 Everett, Allston, Mass.
Curry J. W. Co. (Solid Woven), 2615 Cummins, Cincinnati, O.
Duryea Mfg. Co. ("Wooster's"), Bayonne, N. J.
Empire Mfg. Co. ("Empire" Waterproof), Lockport, N. Y.
EMPIRE WEAVING & BELTING CORP. ("Tuftex"), East Rochester, N. Y.
See adv index at end of book
Franklin Cotton Mill Co., Plum & Charles, Cincinnati, O.
Gilmer L. H. Co., Keystone & Cottman, Tacony, Phila., Pa.
Globe Woven Belting Co., 1398 Clinton, Buffalo, N. Y.
Higrade Belting & Weaving Co., Frankfort, Niagara & Dresden, Newark, N. J.
McIlroy Belting & Hose Co. ("Rubberite"), Hammond, Ind.
Mt. Vernon-Woodbury Mills, Cont. bldg, Baltimore, Md.
Rossendale-Reddaway Belting & Hose Co. ("Blackbird"), Newark, N. J.
Russell Mfg. Co., Middletown, Conn.
Scandinavia Belting Co. ("Scandinavia" Solid Woven Cotton), 106 Reade, New York
Stanley Belting Corp. (Imp. Solid Woven), 34 S. Clinton, Chicago, Ill.
Sumner Wm. Belting Co., Tolland, Conn.
Susquehanna Webbing Co., Bloomsburg, Pa.
Tilton Mills (Endless Woven), Tilton, N. H.
Warren Mfg. Co., Warren, Md.

752—Belting Mfrs. (Thresher)

Acme Belting Co. ("Atlas" Endless), Niles, Mich.
American Belting Co.'s (Endless Stitched Canvas, "Alpha," "American" Thresher), 1609 Gough, Baltimore, Md.
Boston Woven Hose & Rubber Co. ("Grain King" Canvas), Cambridge, Mass.
Carton Belting Co. ("Carton," Endless), 52 Everett, Allston, Mass.
Chesapeake Belting Co. (Endless Stitched Canvas), 823 McKim, Baltimore, Md.
Combination Rubber Mfg. Co. ("Indestructene"), Bloomfield, N. J.
Curry J. W. Co. ("Curry," Solid Woven Waterproof), 2615 Cummins, Cincinnati, Ohio
Dick R. & J. (Ltd.) ("Dickbelt," Original Balata Belt), Passaic, N. J.
Empire Mfg. Co. ("Empire" Waterproof), Lockport, N. Y.
Empire Tire & Rubber Corp., East Trenton, N. J.
Gandy Belting Co. ("Gandy" Endless Stitched Canvas), 740 W Pratt, Baltimore, Md.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Home Rubber Co., Trenton, N. J.
Mercer Rubber Co. (Rubber), Hamilton sq, N. J.
Mt. Vernon Belting Co. ("Mt. Vernon," Endless), 333 Warren av, Baltimore, Md.
NEW YORK RUBBER CO., 323 W Randolph, Chicago, Ill., Reade & Church, New York
Quaker City Rubber Co. (Endless Rubber), 629 Market, Phila., Pa.
Sawyer Belting Co. (Endless Stitched Canvas), ft Lisbon rd S E, Cleveland, O.
Victor-Balata & Textile Belting Co., 38 Murray, New York.

753—Belting Mfrs. (Waterproof)

Acme Belting Co. ("Black Diamond" Canvas), Niles, Mich.
ALEXANDER BROS., 414 N 3rd, Phila., Pa.
American Belting & Tanning Co. ("Otter" Chrome Tanned), 135 Oliver, Boston, Mass.
Bachmann J. & Co. ("Hippo"), 16 Reade, New York
Bay State Belting Co. ("Water King"), 605 Atlantic av, Boston, Mass.
Bond Chas. Co. (Leather), 617 Arch, Phila., Pa.
Bonner & Barnewall ("Rex-Tan" Leather), 30 Church, New York
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Baltimore Belting Co. ("Navy"), 115 W Lombard, Baltimore, Md.
Bradford Belting Co. (Leather), 2d & Walnut, Cincinnati, O.
Burr Oak Belting Co. ("Sealskin"), 521 Livingston, Cincinnati, O.
Carton Belting Co. ("Azak," Solid Woven), 52 Everett, Allston, Mass.
Chesapeake Belting Co., 823 McKim, Baltimore, Md.
Chicago Belting Co. ("Sea Lion," Leather), 125 N Green, Chicago, Ill.
Consolidated Belting Co. ("Hycalibre"), Chester, Pa.
Curry J. W. Co. (Endless), 2615 Cummins, Cincinnati, Ohio
Dick R. & J. (Ltd.) ("Dickbelt," Original Balata Belt), Passaic, N. J.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Druid Oak Belting Co. ("Druid Waterproof"), 111 E. Lombard, Baltimore, Md.

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EMPIRE WEAVING & BELTING CORPORATION, EAST ROCHESTER, N. Y.

Duryea Mfg. Co. ("Wooster's" Cotton), Bayonne, N. J.
Empire Mfg. Co. ("Empire"), Lockport, N. Y.
Empire Tire & Rubber Corp., East Trenton, N. J.
Empire Weaving & Belting Corp. (Canvas), East Rochester, N. Y.
See adv index at end of book
Foulds I. & Son (Chrome), Hudson, Mass.
Graton & Knight Mfg. Co. ("G. & K." "Neptune," "Neptune Dynamo"), Worcester, Mass.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Hide, Leather & Belt Mfg. Co. ("Wetprufe"), 227 S Meridian, Indianapolis, Ind.
Home Rubber Co., Trenton, N. J.
Hudson Belting Co. ("Mermaid"), 3 Eaton pl, Worcester, Mass.
Ireson Chas. L. ("Anhydrous" Mineral Tanned), 221 High, Boston, Mass.
Laurence Belting Co. ("Cascade"), 111 Chambers, New York
McIlroy Belting & Hose Co. ("Rubber-Ite," Canvas Stitched), Hammond, Ind.
Manhattan Belting Co. ("Rainbo"), 329 Lafayette, New York
Missouri Belting Co. ("Alligator"), Grand & La Salle, St. Louis, Mo.
Moloney Belting Co. ("Whale"), 301 W Randolph, Chicago, Ill.
National Leather Belting Co. (Leather), 342 E 38th, New York
New York Leather Belting Co. ("Wetite"), 465 Kent av, Brooklyn, N. Y.
Norwich Belt Mfg. Co. ("Triton"), Norwich, Conn.
Nott W. S. Co. ("Hero"), 2d av N & 3d, Minneapolis, Minn.
Page Belting Co., Concord, N. H.
Rahmann Geo. & Co. ("Kontak," "Comber"), 31 Spruce, New York
Raniville F. Co., Grand Rapids, Mich.
Reed & Duecker ("Hippo" Water Proof Leather), Memphis, Tenn.
Rossendale-Reddaway Belting & Hose Co. ("Camel Hair"), Newark, N. J.
Ruboil Belting Co. ("Ruboil"), 8th & Wallace, Phila., Pa.
Salisbury W. H. & Co. ("Seal Brand," "Lea-Duck," Stretch & Water-proof Leather, "Innertex" Stretch-proof Leather), 105 S Wabash av, Chicago, Ill.
Schieren Chas. A. Co. ("Duxbak," Leather), 30 Ferry, New York
Shultz Belting Co. ("Niagara" & "Aqua"), Bismarck & Barton, St. Louis, Mo.
Smyth-Despard Co. ("Waterwitch," "Ute"), Utica, N. Y.
Williams I. B. & Sons ("Shedite"), Dover, N. H.

Belting Mfrs. (Wire)

See Belts, Automobile

754— Belting Mfrs. (Woven Leather)

Burrell Belting Co. (Alfalfa, Burmaline & Clover), 413 S. Hermitage av, Chicago, Ill.
New York Leather Belting Co. ("Viking"), 465 Kent av, Brooklyn, N. Y.
Shultz Belting Co. ("Shultz"), Bismarck & Barton, St. Louis, Mo.

755— Belts (Automobile)

Bradford Belting Co. (V or Flat), 2d & Walnut, Cincinnati, O.
Carter Geo. R. Co. (Fan), Connersville, Ind.
Chicago Belting Co. (Round, Flat & V), 125 N Green, Chicago, Ill.
Chicago Rawhide Mfg. Co. (Chrome), 1301 Elston av, Chicago, Ill.
Coe & Brown (Fan), New Haven, Conn.
Curry J. W. Co. ("Curry," Solid Woven, Waterproof Fan Belts), 2615 Cummins, Cincinnati, O.
Cuyahoga Spring Co., 16609 Waterloo rd, Cleveland, O.
See adv index at end of book
Detroit Leather Works ("Flexo," Fan), 141 Champlain, Detroit, Mich.
Detroit Oak Belting Co. (Fan), 266 Wight, Detroit, Mich.
Druid Oak Belting Co., 111 E Lombard, Baltimore, Md.
Empire Tire & Rubber Corp., Trenton, N. J.
EMPIRE WEAVING & BELTING CORP. ("Tuftex" Fan Belts, Leather & Fabric), East Rochester, N. Y.
See adv index at end of book
Essex Rubber Co. (Fan), Trenton, N. J.
Eureka Spring Co. (Steel), 150 Bleecker, New York
Gardner Wire Co. ("Calcutts," Wire), 5646 Race av, Chicago, Ill.
Gilmer L. H. Co. ("Gilmer" Woven Endless), Keystone & Vincent, Tacony, Pa.
Graton & Knight Mfg. Co. ("G. & K.," Fan), Worcester, Mass.
Haney J. H. & Co. ("Fan"), Omaha, Neb.
Hide Leather & Belting Co. (Fan), 229 S Meridian, Indianapolis, Ind.
Hinson C. & B. Co. ("Hinson" Endless Fan), 1511 Chasé, Cincinnati, O.
Hudson Belting Co., 3 Eaton pl, Worcester, Mass.
Leather Tire Goods Co. (Fan), Niagara Falls, N. Y.
Milwaukee Leather Belting Co. (Fan), 499 12th, Milwaukee, Wis.
Mooney Belting Co. (Fan), 844 West 6th, Cincinnati, O.
National Leather Mfg. Co. (Chrome), Niles, Mich.
New York Wire & Spring Co. (Wire), 580 Washington, New York
Norwich Belt Mfg. Co. (Fan), Norwich, Conn.
Peerless-V-Belt Co. ("Peerless-V"), 608 S. Dearborn, Chicago, Ill.
Philadelphia Belting Co. (Leather Fan), 6th & Sp. Garden, Phila., Pa.
Royal Equipment Co. (Fan), Bridgeport, Conn.
Russell Mfg. Co. ("Rusco," Woven Endless), Middletown, Conn.
Schieren Chas. A. Co. (Fan), 30 Ferry, New York
Thermoid Rubber Co. (Fan), Trenton, N. J.
Webb Mfg. Co. ("Webb," Wire), ft. Centre, Newark, N. J.
See adv index at end of book
Williams I. B. & Sons, Dover, N. H.

755a— Belts (Car Lighting)

Victor-Balata & Textile Belting Co. ("Oxonetat"), 38 Murray, New York

756— Belts (Cartridge)

Aronoff Joseph J., Trenton, N. J.
Brauer Bros. Mfg. Co., 204 N 14th, St. Louis, Mo.
Cook E. C. & Bro., 827 Loomis, Chicago, Ill.
Mills Woven Cartridge Belt Co., Worcester, Mass.
Peters Harness & Saddlery Co., Newark, N. J.

757— Belts (Conveyor)

See Belting Mfrs. Conveyor

758— Belts (Linemen's)

Aschenbach Harness Co., 71 Warren, New York
Boyle John & Co., 112 Duane, New York
Buhrke R. H. Co., 2414 N Sac av, Chicago, Ill.
Dicke Tool Co., Downers Grove, Ill.
Feeser Frank S. Co., 1102 Prospect, Indianapolis, Ind.
Galewski Adolph & Son, 453 Broome, New York
Klein Mathias & Sons, 562 W Van Buren, Chicago, Ill.
Meckel Fred L., 11 E 13th, Chicago, Ill.
Ransome Leach Co., 115 B'way, New York

759— Belts (Polishing)

Ames Sword Co. (Endless Silk Sewed), Chicopee, Mass.
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Chicago Rawhide Mfg. Co. (Rawhide), 1301 Elston av, Chicago, Ill.
Combination Rubber Mfg. Co. ("Indestructene"), Bloomfield, N. J.
Curry J. W. Co. ("Curry" Endless), 2615 Cummins, Cincinnati, O.
Empire Mfg. Co. (Cotton), Lockport, N.Y.
Goodrich B. F. Co., Akron, O.
Home Rubber Co., Trenton, N. J.
Hudson Belting Co., 3 Eaton pl, Worcester, Mass.
Manhattan Rubber Mfg. Co. (Canvas with Rubber Insertion), Passaic, N. J.
N. Y. Belting & Packing Co., 91 Chambers, New York
Page Belting Co. (Leather), Concord, N.H.

760— Belts (Sand Paper)

Driver C. H. & Kerr Co., Racine, Wis.

761— Belts ("V")

See also Belts, Automobile

Badger Handle Co., 323 E Water, Milwaukee, Wis.
Boston Belting Corp. (For Ore. Concentrating Machines, etc.), 84 Linden Park, Boston, Mass.
Graton & Knight Mfg. Co. (For Fans, Motor Cycles, etc). Worcester, Mass.
Republic Rubber Co., Youngstown, O.

Belts (Wire, Automobile)

See Belts, Automobile

762-3— Bench Legs

C. M. B. Wrench Co. ("Garwood" Cast Iron), Garwood, N. J.
Chicago Hardware Foundry Co., 546 W Washington, N Chicago, Ill.
Cleveland Wire Spring Co., Cleveland, O.
Garwood Bronze & Iron Works, Garwood, N. J.
FAIRBANKS CO. ("Fairbanks" Cast Iron), 416 Broome, New York
For branch houses see Alphabetical Section
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Jones W. A. Foundry & Machine Co. (Cast Iron), 4401 W 12th, Chicago, Ill.
New Britain Machine Co. ("New Britain," Pressed Steel), 190 Chestnut, New Britain, Conn.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Western Tool & Mfg. Co., Springfield, O.

764—Benches (Cabinet & Pattern Makers', Etc.)

Christiansen C., 2219 Grand, Chicago, Ill.
Diamond Clamp & Flask Co., Richmond, Ind.
Grand Rapids Hand Screw Co., Grand Rapids, Mich.
Kantslip Co., Freeport, Mich.
Mason & Parker Mfg. Co., Winchendon, Mass.
Ohio Tool Co., Charleston, W. Va.
Oliver Machinery Co., Grand Rapids, Mich.
Rowe Henry Mfg. Co., Newaygo, Mich.

765— Benches (Cutting)

Boos John & Co., Effingham, Ill.
Michigan Maple Block Co. (All Kinds), Petoskey, Mich.

766— Benches (Draw)

Brightman Mfg. Co., Columbus, O.
Loy & Nawrath Co. (For Sheet Metal), 25 Runym, Newark, N. J.
Morgan Construction Co., Worcester, Mass.
Ohl Geo. A. & Co. (20 & 24 ft), 159 Oraton, Newark, N. J.
Oliver W. W. Mfg. Co. (Jewelers, etc), 1483 Niagara, Buffalo, N. Y.
Perkins Machine Co. (Belt Power & Electrically Driven), Warren Mass.
Richard Mfg. Co. Bloomsburg, Pa.
San Francisco Engineering Co. (Calcimine), 322 6th, San Francisco, Cal.
Standard Machinery Co., Providence. R. I.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
Torrington Mfg. Co., Torrington, Conn.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
WATSON-STILLMAN CO. (Hydraulic), 38 Church. New York
See adv index at end of book
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

767— Benches (Gas Retort)

See also Gas Works Apparatus & Construction

American Refractories Co. (Silica), 208 So La Salle, Chicago, Ill.
Didier-March Co. (Horizontal, Inclined & Glover-West System of Vertical Retorts), Perth Amboy, N. J.
Gardner Jas. Jr. & Co. (Plain & Recuperative), Lockport Sta., Pa.

BENCHES (GAS RETORT)—continued

Gas Machinery Co. (Coal Gas Benches), 1900 Euclid av, Cleveland, O.
Improved Equipment Co. (Doherty Bench Fuel Economizer), 60 Wall, New York
Isbell-Porter Co., 46 Bridge, Newark, N. J
Laclede-Christy Clay Products Co. ("Laclede-Christy"), Manchester & Sulphur avs, St. Louis, Mo.
Missouri Fire Brick Co. (Inclined & Horizontal Benches), 411 Olive, St. Louis, Mo.
Parker-Russell Mining & Mfg. Co., Laclede Gas Light bldg, St. Louis, Mo.

768—Benches (Machinists' Work)

Arnold S. G., 2619 W Vanburen, Chicago, Ill.
Lyon Metallic Mfg. Co. ("Lyon" Steel), Aurora, Ill.
Manufacturing Equipment & Engineering Co. ("Meeco"), 136 Federal, Boston, Mass.
Motor Engineering Co., 1917 E 61st, Cleveland, O.
Vanderman Mfg. Co., Willimantic, Conn.
Western Tool & Mfg. Co., Springfield, O.

769-70—Benches (Manual Training)

Bemis A. L. ("Standard"), Worcester, Mass.
Economy Mfg. Co. ("Economy"), 508 Commerce, Phila., Pa.
Grand Rapids Hand Screw Co., Grand Rapids, Mich.
Ohio Tool Co., Charleston, W. Va.
Oliver Machinery Co. ("Oliver"), Grand Rapids, Mich.
Price W. R. Inc., 127 Fifth av, New York
Richards-Wilcox Mfg. Co. ("Wilcox"), Aurora, Ill.

771— Benches (Molders')

Obermayer S. Co., 2563 W 18th, Chicago, Ill.
Western Tool & Mfg. Co. ("Champion"), Springfield, Ohio

772—Benches (Movable & Stationary, Steel)

Lyon Metallic Mfg. Co. ("Lyon"), Aurora, Ill.
Western Tool & Mfg. Co., Springfield, O.

773— Benches (Piano)

Art Novelty Co., Goshen, Ind.
Bohm Cabinet Co., 179 Magie, Rochester, N. Y.
Chicago Piano Bench Co., 1115 W Lake, Chicago, Ill.
Cook C. A. Co., Cambridge, Mass.
Grand Ledge Chair Co., Grand Ledge, Mich.
Grand Rapids Fancy Furniture Co., Grand Rapids, Mich.
Harrison B. J. Son Co., Winsted, Conn.
Holtzman Henry & Sons Co., Columbus, O.
Lamb Geo. L., Nappanee, Ind.
Logansport Furniture Co., Logansport, Ind.
Merriam A. Co., South Acton, Mass.
Michigan Chair Co., Grand Rapids, Mich.
National Piano Bench Co., 1433 Carroll av, Chicago, Ill.
New York Piano Stool & Mfg. Co., E Stroudsburg, Pa.
Northwestern Cabinet Co., Burlington, Ia.
Parker Chas. Co., Meriden, Conn.
Steger & Sons Piano Mfg. Co., 238 S. Wabash av, Chicago, Ill.
Tonk Mfg. Co., 2028 Clybourn av, Chicago, Ill.
Udell-Predock Mfg. Co., 2315 N B'way, St. Louis, Mo.

774-5-6—Benches (Portable)

Bailey Fred T. & Co. (For Pipe Work), North Scituate, Mass.
Em-Em Selling Co. ("Perfect" Portable Vise), 422 E 16th, New York
Henderson Elec. Co., Ampere, N. J.
Martin H. P. & Sons, Owensboro, Ky.
Standard Iron Works (Vise), 508 E 74th, New York

Benches (Saw)

See Saw Benches or Tables

Benches (Wire Drawing)

See Wire Drawing Machinery

777—Benders (Angle & Eye, Hand Power)

American Road Machinery Co. ("Pennock"), Kennett sq, Pa.
Champion Blower & Forge Co. ("Champion," For Bending Angles, Tees, Flats, etc), Lancaster, Pa.
Cleveland Punch & Shear Works Co., 3921 St. Clair av,, N E, Cleveland, Ohio
Hinman D. A. & Co. (Also Ring & Hinge), Sandwich, Ill.
Novelty Iron Works Co., Dyersville, Ia.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill.
See adv index at end of book
Wallace Supplies Mfg. Co. ("Wallace"), 412 Orleans, Chicago, Ill.

778— Benders (Conduit)

Austin M. B. & Co., 706 W Jackson bl., Chicago, Ill.
Bierdeman R. C. Co. ("Star"), 4621 N Clark, Chicago, Ill.
Commercial Switchboard Mfg. Co., Denver, Col.
Cox J. Fillmore & Co., Bayonne, N. J.
Economy Electrical Specialty Co., 2857 S Halsted, Chicago, Ill.
Fey Specialty Co., Detroit, Mich.
Hub Elec. Co. ("Star"), 1819 Carroll av, Chicago, Ill.
Martin H. P. & Sons, Owensboro, Ky.
McGuire L. C., 414 37th, Brooklyn, N. Y.
Minneapolis Equipment Co., Minneapolis, Minn.
Rittenhouse A. E. Co. ("Rittenhouse"), Honeoye Falls, N. Y.
Roberts H. C. Elec. Supply Co., 905 Arch, Phila., Pa.
Skinner M. B. Co. ("Boss Hickey"), 562 W Washington, Chicago, Ill.
Steel City Electric Co. ("Fullman," Electric & Hand), 1207 Columbus av, Pittsburgh, Pa.
Thomas & Betts Co. ("Lakin-Hickey," "Standard"), 63 Vesey, New York
Vanderman Mfg. Co., Willimantic, Conn.

779— Benders (Hook & Eye)

Kidder J. F. Mfg. Co., Burlington, Vt.

780— Benders (Lead Pipe)

Buffum Tool Co. ("Swastika," Bending Springs), South Side, Louisiana, Mo.
Cleveland Wire Spring Co., Cleveland, O.
Mark Mfg. Co., Evanston, Ill.
McGuire L. C., 414 37th, Brooklyn, N. Y.
Morgan Spring Co. ("Eclipse"), Worcester, Mass. *See adv index at end of book*
Raymond Mfg. Co. (Ltd.), Corry, Pa.
Starbuck R. M. & Sons, Hartford, Conn.
Stortz Jno. & Son, 210 Vine, Phila., Pa.
Walworth Mfg. Co., 798 1st, S Boston, Mass.
Yonts C. H. & Co., Meadville, Pa.

781— Benders (Rail)

See also Rail Bending & Straightening Machines
Aldon Co. ("Jim Crow), 3338 W Ravenswood av, Chicago, Ill.
Buda Co. ("Buda," "Jim Crow" & Roller Rail Bender), Railway Exchange bldg, Chicago, Ill.
Cleveland Punch & Shear Works Co., 3921 St. Clair av,, N E, Cleveland, Ohio
Dudgeon Richard (Hydraulic), 24 Columbia, New York
ELMES CHARLES F. ENGINEERING WORKS INC., cor. Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Handlan-Buck Mfg. Co. ("Giant"), 210-14 N 3rd, St. Louis, Mo.
Hardsocg Mfg. Co. (Single & Double Acting), Ottumwa, Ia.
Hardsocg Martin Co. ("Imperial" for Mine Rails), 922 South av, Pittsburgh, Pa.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Industrial Supply & Equipment Co., 407 Sansom, Phila., Pa.
Irving Mfg. & Tool Co., 157 Chambers, New York
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Pettibone, Mulliken & Co. (Roller), 140 S Dearborn), Chicago, Ill.
Pittsburgh Knife & Forge Co., N S Pittsburgh, Pa.
Pittsburgh Trolley & Forge Co. ("Jim Crow," Double Acting, Roller, Eccentric, Ratchet, etc), 117 Water, Pittsburgh, Pa.
Q. & C. Co. ("Q. & C." "Samson," "Q. & C." Girder), 90 West, New York
Reading Specialties Co., Reading, Pa.
Sherburne & Co. ("Sherburne"), 53 Oliver, Boston, Mass.
Stine S. B. (Plain & Ratchet), Osceola Mills, Pa.
Union Drop Forge Co. ("Jim Crow"), 358 W Grand av, Chicago, Ill.
Valley Forging Co., Verona, Pa.
Verona Tool Works ("Manning," Eccentric, etc), Oliver bldg, Pittsburgh, Pa., & Verona, Pa.
WATSON-STILLMAN CO. (Hydraulic), 38 Church, New York
See adv index at end of book
What Cheer Tool Co. ("Big Joe," "Little Joe"), What Cheer, Ia.
Zelnicker Walter A. Supply Co. ("Zelnicker") 325 Locust, St. Louis, Mo.

782—Benders (Reinforcing Bar)

Chicago Builders Specialties Co. ("Acme"), 11 S La Salle, Chicago, Ill.
Concrete Steel Co., 42 B'way, New York
Electric Welding Co., Benedum Trees bldg, Pittsburgh, Pa.
Hanson A. P. & Son ("Hanson"), 1911 Emerson av, Chicago, Ill.
Hinman D. A. & Co., Sandwich, Ill.
Koehring Machine Co., Milwaukee, Wis.
McKenna Co. ("McKenna," "Reliable"), 1851 E 38th, Cleveland, O
Neevel Mfg. Co. ("U"), 1409 Kansas av, Kansas City, Mo.
Ransome-Leach Co., 115 B'way, New York
Raymer Hardware Co., 58 E 5th, St. Paul, Minn.
Union Machine Co., 183 University av, St. Paul, Minn.
Wallace Supplies Mfg. Co., 412 Orleans, Chicago, Ill.
Waterloo Construction Co., Waterloo, Ia.

Benders (Ring)

See Benders, Angle & Eye, Hand Power

783— Benders (Tire)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Buffalo Forge Co., Buffalo, N. Y.
Butts & Ordway Co. ("Boston"), 33 Purchase, Boston, Mass.
Champion Blower & Forge Co., Lancaster, Pa.
Concord Axle Co., Penacook, N. H.
Illinois Iron & Bolt Co. ("I. I. & B. Co." Plain & Roller Bearing), Carpentersville, Ill.
Indiana Foundry Co., Indiana, Pa.
Kane & Roach ("Monarch"), Syracuse, N. Y.
Potts H. Co., Lancaster, Pa.
Rockford Mfg. Co. ("Rockford"), Rockford, Ill.
San Francisco Enging Co., 322 6th, San Francisco, Cal.
Southern Skein & Foundry Co. (Common & Roller Bearing), Chattanooga, Tenn.
Swett A. L. Iron Works, Medina, N. Y.
Williams White & Co. (Also Welders), Moline, Ill.

784— Bendings (Wood)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Bends (Pipe)

See Pipe Bends & Coils

785— Bends (Return)

Crane Co. (Est 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Durion Castings Co. (Acid Proof), Dayton, O.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
LUNKENHEIMER CO. (Brass), Executive offices & factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book

McNab & Harlin Mfg. Co., 55 John, New York
McRae & Roberts Co. (Brass), 227 Campbell av, Detroit, Mich.
See adv index at end of book
Malleable Iron Fittings Co. ("M. I. F. Co."), Brandford, Conn.
Williams D. T. Valve Co., Cincinnati, O.

786— Bends (Water Closet)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Bridgeport Brass Co., Bridgeport, Conn.
Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
Compound Injector & Specialty Co. ("Dehn's"), 419 N Laramie av, Chicago, Ill.
Federal-Huber Co., 234 N Halsted, Chicago, Ill.
Fleck Bros. Co., 44 N 5th, Phila., Pa.
Franklin Pipe & Foundry Co., 2438 S Paulina, Chicago, Ill.
Greenwood Mfg. Co. ("Boosey's"), 540 Greenwood, Detroit, Mich.
Ideal Mfg. Co. ("Ideal" Non Syphon), Franklin & Dubois, Detroit, Mich.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
Miller Chas. A. Co., Sturgis, Mich.
Park & McKay ("Young"), 55 Bagley av, Detroit, Mich.
Rice Edw. J. & Son, 203 Main W, Rochester, N. Y.
Smith & Abbott Co., Portland, Me.
Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
Trenton Brass & Machine Co., Trenton, N. J.
Webb F. W. Mfg. Co., 56 Elm, Boston, Mass.
Wolff L. Mfg. Co., 111 N Dearborn, Chicago, Ill.

787— *Benedict Nickel

AMERICAN BRASS CO. (Rods, Sheet Tubing & Wire), Waterbury, Conn.
For branch offices see adv index at end of book
GORHAM CO. ARCHITECTURAL BRONZE, 5th av & 36th, New York
See adv index at end of book

788— Benzaldehyde

Chemical Co. of America ("F. S. C."), 28 Platt, New York
Commonwealth Chemical Corp., Hoboken, N. J.
Innis, Speiden & Co., Inc. (Imported), 46 Cliff, New York
See adv index at end of book
Semet-Solvay Co., Syracuse, N. Y.

788a— Benzidine

Butterworth-Jordon Corp. (For Manf'g. Colors), 61 B'way, New York
Chemical Co. of America Inc. (Base & Sulphate), 28 Platt, New York

789— Benzine

Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.
Emery Mfg. Co., Bradford, Pa.
Petrolia Refining Co., Petrolia, Pa.
Pure Oil Co., Lafayette bldg, Phila., Pa.
Southern Refining Co., Los Angeles, Cal.
Standard Oil Co. of N. Y. ("Socony"), 555 W 25th, New York
Sun Company, Finance bldg, Phila., Pa.
Union Petroleum Co. (Deoderized), Widener bldg, Phila., Pa.

790— Benzine Substitute

Duryea Mfg. Co. ("Detergine"), Bayonne, N. J.

791— Benzoate of Soda

Alexander G. S. & Co. Inc. (Brokers), 61 Broadway, New York
See adv index at end of book
British-American Chemical Co., 52 Vanderbilt av, New York
C. P. N. CHEMICAL CO. INC., 78 Reade, New York, 231 W Huron, Chicago, Ill.
Heyden Chemical Works, Garfield, N. J.
Lyon Julian W. (Imp.), 101 Beekman, New York

791a— *Benzol

Du Pont Chemical Works (90°), 120 B'way, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

791b—Benzol Recovery Plants (Constructors)

Wilputte Coke Oven Corp., 469 5th av, New York

792— Benzol Refiners

Barrett Co., 17 Battery pl, New York
Bayway Chemical Co., Elizabeth, N. J.
Cabot Samuel, Inc., 141 Milk, Boston, Mass.
Cambria Steel Co., Widener bldg, Phila., Pa.
Gulf States Steel Co., Gadsen, Ala.
Hooker Electrochemical Co. (Monochdorbenzol), 40 Wall, New York
Klipstein A. & Co., 644 Greenwich, New York
National Aniline & Chemical Co. ("C. P.-90 Per Cent. & Straw Colored"), 21 Burling slip, New York
Pacific Refining & Roofing Co., 16th & Texas, San Francisco, Cal.
Petroleum Products Co., 3917 Neville, Pittsburgh, Pa.
Semet-Solvay Co. (Water White for Gas Enriching Purposes), Syracuse, N. Y.
United Gas Improvement Co., Broad & Arch, Phila., Pa.

793—Berths & Bunks (Metallic)

Haggard & Marcusson Co. ("Tiger"), 1109 W 37th, Chicago, Ill.
See adv index at end of book
SOUTHERN ROME CO. ("Romelink"), 623 W Pratt, Baltimore, Md.

793a— Beryllium

Foote Mineral Co. (Imp.), 107 N 19th, Phila., Pa.

794— Betanaphthol

Bischoff C. & Co. (Imp.), 451 Washington, New York
Calco Chemical Co., Bound Brook, N. J.
National Aniline & Chemical Co. Inc., 21 Burling slip, New York
Nitrated Chemicals Co. Inc., Lorain, O.
Organic Products Corp., Schenectady, N. Y.
Sherwin-Williams Co., Cleveland, O.
Sparks John C., 30 Church, New York

794a—*Beta Naphthol Apparatus

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

795— Bevels

Athol Machine Co. (Universal), Athol, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Chapin-Stephens Co. (Ship Carpenters, etc), Pine Meadow, Conn.
Disston Henry & Sons, Tacony, Philadelphia, Pa.
Goodell Pratt Co. ("Universal"), Greenfield, Mass.
Hart, H. C. Mfg. Co. (All Steel Bevel & Square), Unionville, Conn.
S. & I. Co. (Sliding T Bevel & Square). Springfield, Mass.
Sawyer Tool Mfg. Co. (Combination), Ashburnham, Mass.
Southington Hardware Co., Southington, Conn.
Stanley Rule & Level Co., New Britain, Conn.
STARRETT L. S. CO. THE (Combination, Universal, etc.), Athol, Mass.
See adv index at end of book.
Upson Nut Co. (Ship Carpenters', etc), Cleveland, O.
Wiebusch & Hilger ("Fox" Sliding), 106 Lafayette, New York
Williams William Jr. ("Reeves" Universal), New Britain, Conn.

Bibbs

See Cocks & Bibbs

796—Bibs (Barbers' Rubber)

Davol Rubber Co., 69 Point, Providence, R. I.
Miller Rubber Co., Akron, O.
Tver Rubber Co., Andover, Mass.

797— Bi-Carbonate of Soda

See also Sodium, Bicarbonate)

American Chemical Co., 640 Carr, Cincinnati, O.
Breslauer A. (Industrial Chemicals), Am. Natl. Bk. bldg, San Francisco, Cal.
Church & Dwight Co., 27 Cedar, New York
Fuller Ralph L. & Co. Inc., 2 Rector, New York *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Mathieson Alkali Works ("Eagle" & "Thistle" Brand), 53 Canal, Providence, R. I.
Mechling Bros. Mfg. Co., Camden, N. J.
Michigan Alkali Co., Wyandotte, Mich.
National Electrolytic Co., Niagara Falls, N. Y.
Pennsylvania Salt Mfg. Co. ("Natrona"), Widener bldg, Phila., Pa.
Solvay Process Co., Syracuse, N. Y., Hutchinson, Kan. & Detroit, Mich.
Wiarda John C. & Co. (Jobbers), 273 Greene, Brooklyn, N. Y.

Bi-Carbonate of Tin

See Tin, Bi-Chloride

798a— *Bicycle Frame Parts

New England Pressed Steel Co., Natich, Mass.
STNDARD PARTS CO., Cleveland, O.
See adv index at end of book

799— Bicycle Mfrs.

See also Motor Cycles

Arnold, Schwinn & Co., 1718 N Kildare av, Chicago, Ill.
Columbia Mfg. Co. (Cro-Bicycle), 220 E 2nd, Cincinnati, Ohio
Davis Sewing Machine Co. ("Dayton Yale"), Dayton, O.
Emblem Mfg. Co., Angola, N. Y.
Excelsior Cycle Store, 5340 B'way, Chicago, Ill.
Fowler-Manson-Sherman Cycle Mfg. Co., 1447 Austin av, Chicago, Ill.
Gendron Wheel Co., Toledo, O.
Great Western Mfg. Co., La Porte, Ind.
Hendee Mfg. Co., Springfield, Mass.
Jarvis W. B. Co. ("Ty Cobb"), Grand Rapids, Mich.
Johnson's Iver Arms & Cycle Works ("Iver Johnson"), Fitchburg, Mass.
Laycock-Brosnan Mfg. Co., Indianapolis, Ind.
Colson Co., Elyria, O.
Mead Cycle Co., 33 N Canal, Chicago, Ill.
Miami Cycle & Mfg. Co. ("Racycle," "Hudson," "Flying Merkel," "Miami" power bicycles), Middletown, Ohio
Motor Car Supply Co. ("Unxld"), 1453 Michigan av, Chicago, Ill.
National Cycle & Mfg. Co., Bay City, Mich.
Pierce Cycle Co., 18 Hanover, Buffalo, N. Y.
Premier Cycle Wks., 33 N Canal, Chicago, Ill.
Reading Cycle Mfg. Co., Reading, Pa.
Rome Bicycle Mfg. Co., Rome, N. Y.
Snyder H. P. Mfg. Co., Little Falls, N. Y.
Strohm W. A. & Bro., 1612 W Lake, Chicago, Ill.
Toledo Metal Wheel Co., Toledo, O.
Westfield Mfg. Co., Westfield, Mass.

800—Bicycle Parts & Sundries

See also Bolts, Bicycles; also Chains, Bicycle; also Nuts, Bicycle; also Pumps, Bicycle; also Screws, Bicycle; also Springs, Bicycle; also Tubing, Bicycle

A. & J. Mfg. Co. (Crank Hangers for Repairs), 559 W Lake, Chicago, Ill.
Aurora Automatic Machinery Co. (Hubs) 1307 So. Michigan av, Chicago, Ill.
Beckley-Ralston Co., 1801 S Michigan av Chicago, Ill.
Bevin Bros. Mfg. Co. (Toe Clips, Trouser Guards, etc), East Hampton, Conn.
Bullock Mfg. Associates (Rims), Springfield, Mass.
Climax Mfg. Co. (Saddles, etc.), East Hampton, Conn.

BICYCLE PARTS & SUNDRIES—continued

Collmer Bros., South Bend, Ind.
Colson Co. (Bicycles & Juvenile Tricycles), Elyria, O.
Crosby Co. (Stamped Steel Fittings & Ball Cups), 183 Pratt, Buffalo, N. Y.
Forsyth Metal Goods Co. (Chain Guards, etc), E Aurora, N. Y.
Harris & Reed, 1500 W 15th, Chicago, Ill.
Hydraulic Pressed Steel Co. (Sprockets), 3152 E 61st, Cleveland, O.
K. & C. Mfg. Co. (Lock Joint Wood Rims), Henniker, N. H.
Kelly Handle Bar Co. (Handle Bars), 5017 Perkins av, N E, Cleveland, O
Matthews H. A. Mfg. Co., Seymour, Conn.
Page Storms Drop Forge Co. (Drop Forged), Chicopee, Mass.
Parish & Bingham Co. (Sprockets), Madison av & W 106th, Cleveland O
Perry-Fay Mfg. Co. (Screw Machine Products), Elyria, O.
STANDARD STEEL TUBE CO., Toledo, O.
See adv index at end of book
Tiley, Pratt Co. (Spokes, Nipples, etc.), Essex, Conn.
Torrington Co. The Plant (Spokes & Nipples, Pedals & Toe Clips), Torrington, Conn.
Troxel Mfg. Co. (Saddles, Mud Guards), Elyria, Ohio
United States Automatic Co. (Screw Machine Products), Amherst, O.
Western Automatic Mach. Screw Co., Elyria, O.
Worcester Pressed Steel Co. (Fittings), Worcester, Mass.

801— Bidets

Dalton-Ingersoll Mfg. Co., 52 Chauncy, Boston, Mass.
Haines, Jones & Cadbury Co. ("Vitreo"), 1136 Ridge av, Phila., Pa.
Hall Mfg. Co., Harrison, N. J.
Mott J. L. Iron Works ("Cascade," "Dunbar," "Duval," "Geyser"), Trenton, N. J.
Peck Bros. & Co., New Haven, Conn.
Sanitas Mfg. Co. ("Sanitas"), 105 Washington, Boston, Mass.

801a—*Billet Rotating Mechanism

Brown Hoisting Machy. Co., 4403 St. Clair, N. E., Cleveland, O.
Johnston & Jennings Co., Addison & N. Y. C. R. R., Cleveland, O.
See adv index at end of book

802—Billets, Blooms & Slabs (Steel)

See also Ingots, Steel

Allegheny Forging Co. (Billets), 1st Nat'l Bk. bldg., Pittsburgh, Pa.
ALLOY STEEL PRODUCTS CORP., 30 Church, New York
See adv index at end of book
American Bridge Co. (Open Hearth Billets & Blooms), 30 Church, New York
American Rolling Mill Co. ("American Ingot Iron"), Middletown, O.
American Steel Co. (Jobbers, Blooms, Billets, etc), Park bldg, Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO. (Bessemer, Billets, Blooms & Slabs), 208 S La Salle, Chicago, Ill.
See adv index at end of book
American Tube & Stamping Co. (Open Hearth Billets, Blooms & Slabs, Brand "Swedoh"), Bridgeport, Conn.
Andrews Steel Co. (Open Hearth Billets, Slabs & Forging Billets), Newport, Ky.
Ashland Steel Co. (Bessemer Steel Billets & Slabs), Ashland, Ky.
Atlantic Steel Co., (Basic Open Hearth Billets), Atlanta, Ga.
Bethlehem Steel Co. (Acid & Basic Open Hearth Billets), South Bethlehem, Pa.
Buckeye Steel Castings Co., Columbus, O.
Cambria Steel Co. (Bessemer & Open Hearth, Widener bldg, Phila., Pa.
Carbon Steel Co. (Forging & Nickel Steel Billets, etc), ft 32d, Pittsburgh, Pa.
Carnegie Steel Co. (Open Hearth & Bessemer Billets, Blooms & Slabs; also Forging Billets & Blooms), Carnegie bldg, Pittsburgh, Pa.
Central Steel Co. ("Agathon," Bars, Billets & Slabs), Massillon, O.
Colorado Fuel & Iron Co. (Bessemer & Open Hearth Billets & Blooms), Denver, Colo.
Crucible Steel Co. of America (Open Hearth & Bessemer Billets), Oliver bldg, Pittsburgh, Pa.
Electro Steel Co. (Acid & Basic Open Hearth Billets), Curry bldg, Pittsburgh, Pa.
Gulf States Steel Co. (Open Hearth Steel Billets, Blooms & Slabs), Birmingham, Ala.
Horner W. S. & Co. (Also Iron), Oliver bldg, Pittsburgh, Pa.
Harrisburg Pipe & Pipe Bending Co. (Open Hearth Billets, Slabs & Strips), Harrisburg, Pa.
Harron Spring Co., Milwaukee, Wis.
Illinois Steel Co. (Bessemer & Open Hearth Billets, Blooms & Slabs), 208 S La Salle, Chicago, Ill.
Inland Steel Co. (Open Hearth Billets, Blooms & Slabs), 1st Nat Bank bldg, Chicago, Ill.
JESSOP WM. & SONS, INC., 91 John, N. Y.
See adv index at end of book
Jones & Laughlin Steel Co. (Bessemer & Open Hearth Billets, Blooms, Slabs, etc), Ross, Pittsburgh, Pa.
Kokomo Steel & Wire Co. (Open Hearth), Kokomo, Ind.
La Belle Iron Works (Open Hearth Billets, Blooms, etc), Steubenville, O.
Lackawanna Steel Co. (Open Hearth & Bessemer Billets, Blooms & Slabs; also Forging Billets, Blooms & Slabs), Buffalo, N. Y.
Laclede Steel Co., Federal Reserve Bk. bldg., St. Louis, Mo.
LEAVITT C. W. & CO. (Billets, etc.), 34 Church, New York
See adv index at end of book
Lukens Steel Co. (Open Hearth Billets, Slabs, Forging Blanks, etc), Coatesville, Pa.
McINNES CHARLES E. & CO., Mariner & Mchts. bldg, Phila, Pa.
Mudge Edmund W. & Co. (Steel Bars), Frick bldg, Pittsburgh, Pa.
Pardee C. Works (Open Hearth Billets & Blooms), Perth Amboy, N. J.
Pittsburgh Steel Co. (Open Hearth Billets & Blooms), 5th av & Grant, Pittsburgh, Pa.
Republic Iron & Steel Co. (Bessemer & Open Hearth Billets & Blooms), Youngstown, O.
Sharon Steel Hoop Co. (Open Hearth Steel Billets), Sharon, Pa.
Snyder W. P. & Co. (Billet & Sheet Bar Dealers), Oliver bldg, Pittsburgh, Pa.
Taylor N. & G. Co., Mariner & Merchant bldg, Phila., Pa.
Tennessee Coal, Iron & R. R. Co. (Open Hearth Billets, Blooms & Slabs), Birmingham, Ala.
Tremont Nail Co. (Forging Billets), W Wareham, Mass.
United Alloy Steel Corp, (Open Hearth & Elec. alloy steel bars, billets, blooms and slabs), Canton, O.
Upson Nut Co. (Open Hearth Billets), Cleveland, O.
Vulcan Crucible Steel Co. (Open Hearth), Aliquippa, Pa.
Washburn Wire Co. (Billets Only), Phillipsdale, R. I.
Wheeling Steel & Iron Co. (Bessemer Billets, Blooms & Nail Slabs), Wheeling, W. Va.
Whitaker-Glessner Co. (Basic Open Hearth), Wheeling, W. Va.
Wickwire Steel Co., Buffalo, N. Y.
Wood Alan Iron & Steel Co. ("A.W." Basic Open Hearth Billets, Blooms & Slabs), Widener bldg, Phila., Pa.
Youngstown Sheet & Tube Co. (Bessemer & Open Hearth Billets, Blooms & Slabs), Youngstown, O

803—Billets, Bloom & Slabs (Vanadium Steel)

Allegheny Forging Co. (Billets), 530 4th av, Pittsburgh, Pa.
ALLOY STEEL PRODUCTS CORP., 30 Church, New York
See adv index at end of book
Bethlehem Steel Co. (Billets), South Bethlehem, Pa.
Carbon Steel Co. (Billets & Slabs), ft. 32nd, Pittsburgh, Pa.
Carnegie Steel Co. (Blooms & Billets), Carnegie bldg., Pittsburgh, Pa.
Carpenter Steel Co. (Billets), Reading, Pa.
Central Steel Co. ("Agathon" Bars, Billets & Slabs), Massillon, O.
Crowley John A. Co., 120 Liberty, New York
Crucible Steel Co. of America (Billets), Oliver bldg., Pittsburgh, Pa.
Cyclops Steel Co. (Billets), 120 B'way. New York
Erie Forge Co. (Blooms & Billets & all other kinds of steel), Erie, Pa.
Halcomb Steel Co. (Billets), Syracuse, N. Y.
See adv index at end of book
United Alloy Steel Corp. (Blooms, Billets & Slabs), Canton, O.
Vanadium Alloys Steel Co. (Billets), Latrobe, Pa.
Vulcan Crucible Steel Co. (Billets), Aliquippa, Pa.

804— Billets (Chrome Steel)

Allegheny Forging Co., 1st Nat'l Bank bldg., Pittsburg, Pa.
Central Steel Co. ("Agathon" Bars, Billets & Slabs), Massillon, O.
Crucible Steel Co. of America, Oliver bldg., Pittsburgh, Pa.
Frasse Peter A. & Co., Inc., 417 Canal, New York. Works Hartford, Conn.
See adv index at end of book

805— Billets (Forging)

Allegheny Forging Co., 1st Natl. Bank bldg., Pittsburgh, Pa.
Andrews Steel Co. (Basic Open Hearth), Newport, Ky.
Carbon Steel Co. (Open Hearth), ft. 32nd, Pittsburgh, Pa.
Central Steel Co. ("Agathon" Bars, Billets and Slabs), Massillon, O.
Gulf States Steel Co., Birmingham, Ala.
Kokomo Steel & Wire Co. (Open Hearth), Kokomo, Ind.
Morgan Engineering Co., Alliance, O.
See adv index at end of book
Prosser Thos. D. Co. (Open Hearth), Wheeling, W. Va.

806—Billets (Manganese Bronze)

American Manganese Bronze Co., 3501 Rhawn, Philadelphia, Pa.

807— Billets (Nickel Steel)

Allegheny Forging Co., 1st Natl. Bk. bldg., Pittsburgh, Pa.
ALLOY STEEL PRODUCTS CORP., 30 Church, New York
See adv index at end of book
Carbon Steel Co., ft. 32nd, Pittsburgh, Pa.
Central Steel Co. ("Agathon" Bars, Billets and Slabs), Massillon, O.
Crowley John A. Co., 120 Liberty, New York
Crucible Steel Co. of Amer., Oliver bldg., Pittsburgh, Pa.
Frasse Peter A & Co., Inc., 417 Canal, New York. Works, Hartford, Conn.
See adv index at end of book

807a— *Billets (Wood)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

808— Billets & Slabs (Iron)

Whitaker-Glessner Co., Wheeling, W. Va.

809—Billiard Table Beds (Slate)

American Slate Co., Easton, Pa.
Bangor Slate Co., Bangor, Pa.
Coulman & Westcott, Fair Haven, Vt.
Durick, Keenan & Co., Fair Haven, Vt.
Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.
Hammann Slate Co., Bangor, Pa.
Keenan Structural Slate Co., Bangor, Pa.
Minogue Bros. & Quinn, Hydenville, Vt.
O'Day Bros., Hydeville, Vt.
Penrhyn Slate Co., Hydeville, Vt.
Scotch Hill Slate Co., Fair Haven, Vt.
Shimer Slate Co., Bangor, Pa.
Slatington Slate Co., Slatington, Pa.
Vermont Unfading Green Slate Co., Fair Haven, Vt.

809a—*Billiard Table Cleaners (Power)

Wisconsin Electric Co. ("Dumore" Electric), 1600 Junction av, Racine, Wis.
See adv index at end of book

810— *Billies (Policemen's)

Buchheimer Geo. H. (Leather), 1004 Rutland av, Baltimore, Md.
Estes E. B. & Sons, 364 5th av, New York. *See adv index at end of book*

Binders

See Harvesters, Various Kinds; also Subclassifications Following

Binders (Core)

See Compounds, Core

811— Binders (Corn)

Acme Harvesting Machine Co. ("Acme"), Peoria, Ill.
Deere John Harvester Works (also Grain), East Moline, Ill.
International Harvester Company of America (Inc.) (Deering—McCormick—Milwaukee—Osborne), 702 Harvester bldg., Chicago, Ill.
Massey-Harris Harvester Co. ("Johnston"), Batavia, New York
Moline Plow Co. ("Adriance"), Moline, Ill.
Wood Walter A. Mowing & R. Mach. Co. ("New Century"), Hoosick Falls, N. Y.

812— *Binders (Loose Leaf)

Newman Mfg. Co., 717 Sycamore, Cincinnati, O. *See adv index at end of book*

813—Binders (Lumber Load)

Advance Car Mover Co., Appleton, Wis.
American Logging Tool Co. ("Benjamin"), Evart, Mich.
Goodyear A. B. ("Goodyear"), Bloomdale, O.
NORRIS BROS., Robinson, Ill.
See adv index at end of book
Ransome-Leach Co. ("Oshkosh" Log or Load Binders), 115 Broadway, New York
Stacy, Eugene, Co., Tiffin, O.

813a— *Binders (Prong)

Newman Mfg. Co., 717 Sycamore, Cincinnati, O.
See adv index at end of book

814— Binders (Rice)

International Harvester Company of America (Inc.), (Deering — McCormick), 702 Harvester bldg., Chicago, Ill.

814a— *Binders (Ring)

Newman Mfg. Co., 717 Sycamore, Cincinnati, O. *See adv index at end of book*

815— Binding (Carpet)

Knapp Rubber Binding Co. (Rubber), 31 E 17th, New York
Painesville Metallic Binding Co., Painesville, O.

815a—Binding (Oil Cloth, Etc.)

Gould's M. Son & Co. (Metallic), 115 Lafayette, Newark, N. J.
Judd H. L. Co. (Metallic), 87 Chambers, New York
Painesville Metallic Binding Co. (Metallic), Painesville, O.
Zenite Metal Co., Indianapolis, Ind.

When writing to firms whose names appear in this book please mention
HENDRICKS' COMMERCIAL REGISTER.

816—Binding & Gimps (Automobile & Furniture)

Backstay Machine & Leather Co. (Imitation Leather Welts & Bindings), Union City, Ind.
Bailey G. W. Co. (Imitation Leather Gimps), Brockton, Mass.
Bauer Bros. Mfg. Co. (Leather Bindings), Richmond & Carr, Cincinnati, Ohio
Bancroft Textile Co. (Cotton Bindings), Worcester, Mass.
Brooks Geo. & Son Co. (Upholstery), 5428 Wyalusing, Phila., Pa.
Casey Mfg. Co. (Imitation Leather Bindings), 216 Monroe av, Detroit, Mich.
Cleveland Tanning Co. (Leather Welts, Gimps), Denison av & B. & O. R. R., Cleveland, O.
Eastlake Mfg. Co. (Cotton), Adams av & Leiper, Philadelphia, Pa.
Eifert Henry F. (Leather), 42 Union sq, New York
Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
Horstmann Wm. H. Co. (Silk), 5th & Cherry, Phila., Pa.
Novelty Yarn Co., 2304 Waterloo, Phila., Pa.
Painesville Metallic Binding Co. (Metallic Binding & Stuff Plates), Painesville, O.
Stark Textile Co. (Silk Furniture Gimps), Valatie, N. Y.
Unger Wm. & Bro. (Silk), 496 Broadway, New York
United States Trimming Co. (Silk), 39 N. 10th, Phila., Pa.
Wade Mfg. Co. (Imitation Leather Welts), Brockton, Mass.
Woodward & Cochey (Leather Gimps & Welting), Lynn, Mass.
Wright S. D. & Co. (Furniture), 1017 N Front, Phila., Pa.

817— Binnacles

Bliss Jno. & Co., 128 Front, New York
Hand John E & Sons Co. (Steering Pedestal), 222 Walnut, Phila., Pa.
Keuffel & Esser Co., Hoboken, N. J.
Merrill's R. Sons, 66 South, New York
Negus T. S. & J. D., 140 Water, New York
Riggs & Bro. (Compensating), 310 Market, Phila., Pa.
Ritchie E. S. & Sons, Brookline, Mass.
Thaxter Saml. & Son, 28 Central, Boston, Mass.

818— Binoculars

American Thermo Ware Co. ("Autocrat"), 16 Warren, New York
Bausch & Lomb Optical Co., Rochester, N. Y.
Goerz C. P. American Optical Co. ("Trieder"), 317 E 34th, New York
Gundlach-Manhattan Optical Co., Rochester, N. Y.
Leitz Ernest, 30 E 18th, New York
Spencer Optical Co. (Imp "Audemair"), 8 Maiden lane, New York

819— Bins (Nail)

Eclipse Mfg. Co., Wellston, O.
Warren J. D. Mfg. Co., 159 N State Chicago, Ill.

819a— *Bins (Portable Stone)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

820— Bins (Steel)

Coal, Coke, Grain, Cement, Ore, Etc

American Culvert Co. ("American"), Albert Lea, Minn.
Atlas Engineering Co., Amherst, O.
See adv index at end of book
Beatrice Steel Tank Mfg. Co. ("Nu-way"), Beatrice, Neb.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Bushnell Tank Works (Grain), Bushnell, Ill.
Butler Mfg. Co. ("B.M.C." Portable, "Butler" ,"Combination," Grain), Kansas City, Mo.
Canton Art Metal Co., Canton, O.
CHICAGO BRIDGE & IRON WORKS, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book
Clark W. J. Co., Salem, Ohio
Cement Stave Silo Co., Des Moines, Ia.
Columbian Steel Tank Co., New England bldg., Kansas City, Mo.
Columbiana Boiler Co., Columbiana, O.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
DOVER BOILER WORKS, Sales Office, 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Duluth Corrugating & Roofing Co. (Corrugated Grain), Duluth, Minn.
EDWARDS MFG. CO. (Factory Bins), 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Ervien Chas. W & Co., Venango & G, Phila., Pa.
Fairmount Mining Machy. Co., Fairmount, W. Va.
Fouts C. C. Co. ("Duro" Grain), 650 Woodlawn av, Middletown, O.
Hastings Equity Grain Bin Mfg. Co., Hastings, Neb.
Heltzel Steel Form & Iron Co., Warren, O. *See adv index at end of book*
Iron Crib & Bin Co. ("The Wayne" Grain) Wooster, O.
JEFFREY MFG. CO. (Ashes, Coal, Coke & Ore, crushed stone), 961 N Fourth, Columbus, O.
See adv index at end of book
Kansas City Structural Steel Co., Kansas City, Kans.
Kelly Foundry & Machine Co. (Grain), Goshen, Ind.
Koven L. O. & Bro. (Grain, Coal, etc), 154 Ogden av, Jersey City, N. J.
See adv index at end of book
LINK-BELT CO.,. 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
Littleford Bros., 444 E Pearl, Cincinnati, Ohio.
Lyon Metallic Mfg. Co. ("Lyon"), Aurora, Ill.
McKee Arthur G. & Co. ("Baker" Suspension Storage), Cleveland, O.
Manitowoc Engineering Works, Manitowoc, Wis.
Munroe R. & Sons Mfg. Corp., 23d & Smallman, Pittsburgh, Pa.
North Dakota Metal Culvert Co. (Grain, Portable & Sectional), Fargo, N. D.
Pensylvania Engineering Works (Coke & Ore), New Castle, Pa.
Petroleum Iron Works Co., Sharon, Pa.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Republic Structural Iron Wks. Co.
Rock Island Bridge & Iron Works, Rock Island, Ill.
SCAIFE WM. B. & SONS CO. (Coal, Coke, Ore, etc), First National Bank bldg., Pittsburgh, Pa., & 26 Cortlandt, New York. *See adv index at end of book*
TREADWELL CONSTRUCTION CO. (Cement, Ore, etc), Midland, Pa.
See adv index at end of book
United Iron Works Co. (Coal, Ore, etc.), Kansas City, Mo.
Worthington Pump & Mach'y Corp. (Cement), 115 B'way, New York
See adv index at end of book

821— Bins (Steel Factory)

Allsteelequipd Co., Aurora, Ill.
Arnold S. G. ("Guttman"), 2619 W Vanburen, Chicago, Ill.
Berger Mfg. Co., Canton, O.
CHICAGO BRIDGE & IRON WORKS, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book
Cleveland Wire Spring Co., Cleveland, O.
Columbia Metal Box Co., 226 E 144th, New York
Darby Edw. & Sons Co., 239 Arch, Phila., Pa.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Jefferis Richard W. Co. ("Jefferis" Pressed Steel), Camden, N. J.
Lyon Metallic Mfg. Co., Aurora, Ill.
Manufacturing, Equipment & Eng. Co. ("Meeco"), 136 Federal, Boston, Mass. Works, Framingham, Mass.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book

BINS (STEEL FACTORY)—continued
Shawmut Iron & Wire Works ("Shawmut" System of Steel & Wire Grille Bins), Everett, Mass.
SNEAD & CO. IRON WORKS, 98 Pine, Jersey City, N. J.
See adv index at end of book
Terrell's Equipment Co., Broadway, Grand Rapids, Mich.

821a— Bins (Stone)

American Road Machine Co., Com'rcl Tr. bldg., Phila., Pa.

822— Biscuits (Dog)

Austin Dog Bread & Animal Food Co., Chelsea, Mass.
Marx M F. Mfg. Co. ("Ideal"), Louisville, Ky.
Potter & Wrightington, Board of Trade bldg, Boston, Mass.
Spratts Patent American (Ltd.), 14 Congress, Newark, N. J.

823-4— Bismuth

American Smelting & Refining Co. (Producers), 120 B'way, New York
Drakenfeld B. F. & Co. (Oxide & Nitrates, Imp), 50 Murray, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York and Philadelphia
McKesson & Robbins (Imp.), 91 Fulton, New York
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Merchant & Evans Co. (Metal), 2035 Washington av, Phila., Pa.
See adv index at end of book
Merck & Co., 45 Park pl, New York
New York Quinine & Chemical Works, 114 William, New York
Pfizer Chas. & Co. (Subnitrate, Subgallate, Subcarbonate, etc), 81 Maiden la, New York
Powers-Weightman-Rosengarten Co., 916 Parish, Phila., Pa.
Trotter Nathan & Co. (Jobbers), 36 N Front, Phila., Pa.
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
See adv index at end of book
United States Metals Refining Co., 120 B'way, New York
U. S. Smelting Refining & Mining Co. (Producers), 55 Congress, Boston, Mass.

Bisulphate of Soda

See Sodium Bisulphate

Kuttroff, Pickhardt & Co. Inc. (Selling Agts.), 128 Duane, New York

Bisulphide of Carbon

See Carbon Bi-Sulphide

825— Bisulphite of Soda

Avery Chemical Co., 88 Broad, Boston, Mass.
Butterworth-Judson Co., Av R, Newark, N. J.
C. P. N. CHEMICAL CO. INC., 78 Reade, New York, 231 W Huron, Chicago, Ill.
General Chemical Co., 25 Broad, New York
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Mechling Bros. Mfg. Co., Camden, N. J.
Merrimac Chemical Co. (Powdered & Liquid), 148 State, Boston, Mass.

826— Bit Braces

Atkins E. C. & Co., Indianapolis, Ind.
Bagshaw & Field, 445 N 5th, Phila., Pa.
Bergman Tool Mfg. Co., Buffalo, N. Y.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Detroit Twist Drill Co., 555 Fort, Detroit, Mich. *See adv index at end of book*
Dicke Tool Co. (For Electricians, Plumbers, etc), Downers Grove, Ill.
Forest City Bit & Tool Co., Rockford, Ill.
Fray John S. Co. (Ratchet, Sleeve, Drill & Corner Braces), Bridgeport, Conn.
Goodell-Pratt Co. ("Goodell Tool Co." Ratchet, Sleeve & Corner), Greenfield, Mass.
Ives W. A. Mfg. Co. ("New Haven Novelty," "Ives," "Centennial," "Century"), Wallingford, Conn.
Jennings C. E. & Co. ("C. E. J. & Co.'s"), 71 Murray, New York
Lancaster Machine & Knife Works (Ratchet & Straight), Lancaster, N. Y.
Mayhew H. H. Co., Shelburne Falls, Mass.
Millers Falls Co. ("Barber" & "Barker" Ratchet Corner), 28 Warren, New York
PECK, STOW & WILCOX CO. ("Pexto"), Southington, Conn.
See adv index at end of book
Southington Mfg. Co., Southington, Conn.
Stanley Rule & Level Co., New Britain, Conn.
Star Bit & Tool Co., Rockford, Ill.
Turner & Deegan ("Barbers" Grip Sleeve, Ball, Ratchet, etc), Bristol, Conn.
Vaughan & Bushnell Mfg. Co. ("V. & B."), 2114 Carroll av, Chicago, Ill.

827— Bit Stocks (Angular)

Forest City Bit & Tool Co., Rockford, Ill.
Fray John S. Co., Bridgeport, Conn.
Goodell-Pratt Co. ("Goodell Tool Co.," "Universal"), Greenfield, Mass.
Lancaster Machine & Knife Works, Lancaster, N. Y.
Mayhew H. H. Co., Shelburne Falls, Mass.
Millers Falls Co. ("Universal'), Mass.

828— Bits (Auger)

Connecticut Valley Mfg. Co. ("Wright's Jenning's"), Centerbrook, Conn.
Drew C. & Co., Kingston, Mass.
Elmore Tool Mfg. Co., Hartford, Conn.
Forest City Bit & Tool Co., Rockford, Ill.
Greenlee Bros. & Co. ("Greenlee"), Rockford, Ill.
Hardisty & Co., Garland Linwood, Cincinnati, O.
Irwin Auger Bit Co., Wilmington, O.
Ives W. A. Mfg. Co. ("Mephisto," "Irwin Pattern," "Conn. Mfg. Co," "Utility"), Wallingford, Conn.
Jackson Mfg. Co. ("Irwin" Pattern), Jackson, O.
Jennings C. E. & Co. ("C. E. J. & Co.'s" "Noble's," "Excelsior," "Watrous," "Clark's," "Cook's," "Passaic"), 71 Murray, New York
Jennings-Russell Mfg. Co., Chester, Conn.
Lebanon Machine Co. ("Z") Lebanon, N. H.
Millers Falls Co., Millers Falls, Mass.
Moore Bros., Jamestown, N. Y.
New Haven Copper Co., Seymour, Conn.
Ohio Tool Co. ("Bailey," "Ohio Extra"), Charleston, W. Va.
PECK, STOW & WILCOX CO. ("Pexto"), Southington, Conn.
See adv index at end of book
Progressive Mfg. Co. ("Forstner"), Torrington, Conn.
Pugh Job T. ("Black Twist"), 31st & Ludlow, Phila., Pa.
Rockford Bit Co., Kokomo, Ind.
Slack S. Alex. (Hand Made), Oxford, Pa.
SMITH & HEMENWAY CO. INC. ("Red Devil"), 261 B'way, New York, 130 Coit, Irvington, N. J.
See adv index at end of book

"RED DEVIL" AUGER BITS

Made in single and double twist, all hand forged from high grade tempered steel. Bore with or against the grain, no clogging or splintering, bore in hard or soft wood.

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Dept H
N. Y. Sales and Export Office, 261 Broadway, N. Y. C.
Main Office and Factory, 130 Coit St., Irvington, N. J.

Snell Mfg. Co. ("Snell," "Bates," "King"), Fiskdale, Mass.
Swan Jas. Co. ("Cook's," "Irwin" & "Jennings" Patterns), Seymour, Conn.
Thayer Mfg. Co., Williamsburg, Mass.

829— Bits (Auger, Special)

Adams A. L. ("Forstner Pat'n"), Bridgeport, Conn.
Cleveland Lock Works (Square Boring), Cleveland, O.

Bits (Bell Hangers')

See Drills & Bits, Electricians'

829a— Bitts & Bollards

Am. Engng. Co. (Tawing Bitts), Aramingo & Cumberland, Phila., Pa.
Hyde Windless Co. (Bitts), Bath, Me.
Marine Mfg. & Supply Co. (Ballards), 158 South, New York
Thacher Geo H. & Co., Albany, N. Y.

830— Bits (Bridle)

See also Hardware Manufacturers, Saddlery
American Hame & Bit Co., 59 N. J. R. R. av, Newark, N. J.
American Mfg. Co. (Bits & Hdw. Specialties), Chattanooga, Tenn.
Bartley Bros. & Hall ("Eglentine" Imported), 50 Warren, New York.
Beery Jesse Co., Pleasant Hill, O.
Buermann August Mfg. Co., 220 Jeliff av, Newark, N. J.
Colton Mfg. Co., Montpelier, Vt.
Columbus-McKinnon Chain Co., Columbus, O.
See adv index at end of book
Elbel Co., Canton, O.
Empire Tire & Rubber Corp. (Rubber Covered), East Trenton, N. J.
Fernald Mfg. Co. ("Success," "Triumph"), North East, Pa.
Frazer & Jones Co., Syracuse, N. Y.
Hills Edwin, Plainville, Conn.
Imperial Bit & Snap Co. ("Beery," "Imperial"), Racine, Wis.
Le Compte Mfg. Co., 44 Elm, Newark, N. J.
North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.
Rubber & Celluloid Harness Trimming Co. (Hard Rubber Covered, etc), 56 Ferry, Newark, N. J.
Stalker Mfg. Co., 71 W B'way, New York
Upton & Gilman Machine Co. ("Huntoon," Safety), Lowell, Mass.
Van Arsdale Wm. ("Success"), Racine, Wis.

831— Bits (Core)

Imperial Iron Works (For Diamond Drills), Duluth, Minn.

Bits (Countersink)

See Countersinks

Bits (Dowel)

See Bits, Machine, Wood

Bits (Electricians')

See Drills & Bits, Electricians'

832— Bits (Expansive)

Brown R. H. & Co. ("Clark's"), New Haven, Conn.
Conn. Valley Mfg. Co. ("Clark"), Centerbrook, Conn.
Davis Hardware Mfg. Co. ("Clark"), Gloucester, Mass.
Fray John S. Co., Bridgeport, Conn.
Ives W. A. Mfg. Co. ("Mephisto," "Clark Pattern"), Wallingford, Conn.
Jennings C. E. & Co. ("C. E. J. & Co's," "Steer's Patent," Clark's Pattern), 71 Murray, New York
Kilborn & Bishop Co. ("Lavigne" Patent), New Haven, Conn.
Ohio Tool Co. ("Ohio"), Charleston, W. Va.
PECK, STOW & WILCOX CO. ("Pexto," "Samson" Patent), Southington, Cann.
See adv index at end of book
S. & I. Co., Springfield, Mass.
SMITH & HEMENWAY CO. INC. ("Red Devil"), 261 B'way, New York, 130 Coit, Irvington, N. J.
See adv index at end of book
Stanley Rule & Level Co. ("Foss" Patent), New Britain, Conn.
Swan James Co ("Clark's," "Swan's"), Seymour, Conn.
Yonts C. H. & Co., Meadville, Pa.

833— Bits (Gimlet)

Bagshaw & Field, 445 N 5th, Phila., Pa.
Connecticut Valley Mfg. Co., Centerbrook, Conn.
Cooper Edw. S., Seymour, Conn.
Deuse J. S. (German, Double Cut Bits & Gimlets, Bell Hangers, etc), Chester, Conn.
Goodell-Pratt Co., Greenfield, Mass.
Jennings C. E. & Co. ("Jennings'," "Clark's" & "Blake" Double Cut, German, etc), 71 Murray, New York
Mayhew H H. Co., Shelburne Falls, Mass.
Snell Mfg. Co., Fiskdale, Mass.
Stortz Jno. & Son, 210 Vine, Phila., Pa.
Swan Jas. Co. (German), Seymour, Conn.

834—Bits (Hollow Chisel & Router)

Forest City Bit & Tool Co., Rockford, Ill.
Irwin Auger Bit Co., Wilmington, O.
Pugh Job T., 31st & Ludlow, Phila., Pa.
Standard Tool Co., 6900 Central av, Cleveland, O.
Star Bit & Tool Co., Rockford, Ill.

Bits (Horse)

See Bits, Bridle; also Hardware Manufacturers, Saddlery

835— Bits (Hub Boring)

Detroit Twist Drill Co., 555 Fort, Detroit. Mich. *See adv index at end of book*
Forest City Bit & Tool Co., Rockford, Ill.
Irwin Auger Bit Co., Wilmington, O.
Pugh Job T., 31st & Ludlow, Phila., Pa.
Snell Mfg. Co., Fiskdale, Mass.
Standard Tool Co., 6900 Central av, Cleveland, O.
Star Bit & Tool Co., Rockford, Ill.

836—Bits (Machine, Mining)

Beall Bros., Alton, Ill.
Buettner-Shelburne Machine Co., Terre Haute, Ind.
Fulton Tool Works ("Fulton"), Canal, Fulton, O.
Hardsoeg Martin Co. (Tool Steel), 922 So av, N S, Pittsburgh, Pa.
Hughes Tool Co. (Rotary), Houston, Texas
McKay Jas. Co., Pittsburgh, Pa.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
Leetonia Tool Co., Leetonia, O.
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
Pittsburgh Trolley & Forge Co., Pittsburgh, Pa.
What Cheer Tool Co. (Machine Chain Cutter, Bits, etc), What Cheer, Ia.

837— Bits (Machine, Wood)

Cincinnati Tool Co. ("Hargrave"), Norwood, Cincinnati, O.
See adv index at end of book
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Connecticut Valley Mfg. Co., Centerbrook, Conn.
Detroit Twist Drill Co. (Straight Shank, etc), 555 Fort, Detroit, Mich.
See adv index at end of book
Ford Auger Bit Co., Holyoke, Mass.
Forest City Bit & Tool Co. ("Forest City," Wood Boring), Rockford, Ill.
Greenlee Bros. & Co., Rockford, Ill.
Hardisty & Co., Garland Linwood, Cincinnati, O.
Irwin Auger Bit Co., Wilmington, O.
Jackson Mfg. Co., Jackson, O.
Jennings Russell Mfg. Co., Chester, Conn.
Lincoln-Williams Twist Drill Co., Taunton, Mass.
Mayhew H. H. Co., Shelburne Falls, Mass.
New Process Twist Drill Co., Taunton, Mass.
Ohio Tool Co. ("Bailey") Charleston, W. Va.
Peck, Stow & Wilcox Co., Southington, Conn.
Pugh Job T., 31st & Ludlow, Phila., Pa.
Rockford Bit Co., Kokomo, Ind.
Snell Mfg. Co., Fiskdale, Mass.
Standard Tool Co., 6900 Central av, Cleveland, O.
Star Bit & Tool Co. (Screw Shank), Rockford, Ill.
Swan Jas. Co. ("Jennings'," Pattern), Seymour, Conn.
Union Twist Drill Co. (Taper Length, "Morse" Taper Shanks, Straight "Prentice" Shanks), Athol, Mass.
Whitman & Barnes Mfg. Co. ("Prentice"), Akron, O. *See adv index at end of book*
Wood Morris & Son (Loose Centre), 5108 W Lake, Chicago, Ill.

837a— Bits (Pipe)

The Arlington Works (E. I. du Pont De Nemours & Co.), 21 E 40th, New York

838— Bits (Pod)

Mayhew H. H. Co., Shelburne Falls, Mass.

839— Bits (Rail Drilling)

Buda Co., Railway Exch. bldg, Chicago, Ill.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Whitman & Barnes Mfg. Co. ("Economy"), Akron, O.
See adv index at end of book

Bits (Reamer)

See Reamers, Bit Brace

840-1— Bits (Screw Driver)

Bagshaw & Field, 445 N 5th, Phila., Pa.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Brown R. H. & Co., New Haven, Conn.
Buck Bros., Millbury, Mass.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Cincinnati Tool Co., Norwood, Cincinnati, Ohio. *See adv index at end of book*
Conn. Valley Mfg. Co., Centerbrook, Conn.
Cronk & Carrier Mfg. Co., Elmira, N. Y.
Deuse J. S., Chester, Conn.
Ford Auger Bit Co. ("Ford"), Holyoke, Mass.
Fray John S. Co. ("Fray's" Hollow Handle Screw Driver Sets), Bridgeport, Conn.
Goodell-Pratt Co., Greenfield, Mass.
Grammes L. F. & Sons (For Toy Tools), Allentown, Pa.
Landers, Fray & Clark ("H. & B." Cast Steel), New Britain, Conn.
Irwin Auger Bit Co., Wilmington, O.
Jackson Mfg. Co., Jackson, O.
Jennings C. E. & Co. ("C. E. J. & Co.'s" "Hinsdale," "Blake"), 71 Murray, New York
Keystone Drop Forge Works (Drop Forged), Chester, Pa.
Kilborn & Bishop Co., New Haven, Conn.
Kraeuter & Co., 583 18th av, Newark, N. J.
Mayhew H. H. Co., Shelburne Falls, Mass.
Millers Falls Co., Millers Falls, Mass.
Ohio Tool Co., Charleston, W. Va.
Peck, Stow & Wilcox Co., Southington, Conn.
Pugh Job T., 31st & Ludlow, Phila., Pa.
S. & I. Co. ("S. & I." Full Polished or Carbon Finished), Springfield, Mass.
Sawyer Tool Mfg. Co. ("Samson"), Ashburnham, Mass.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
SMITH & HEMENWAY CO., INC. ("Red Devil"), 261 B'way, New York, 130 Coit, Irvington, N. J.
See adv index at end of book
Snell Mfg. Co., Fiskdale, Mass.
Stanley Rule & Level Co., New Britain, Conn.
Stortz John & Son, 210 Vine, Phila., Pa.
Swan Jas. Co., Seymour, Conn.
Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.
Thayer Mfg. Co., Williamsburg, Mass.
Thomson Drop Forge Co., Plantsville, Conn.
Tuck Mfg. Co., Brockton, Mass.
Vaughan & Bushnell Mfg. Co. ("V. & B."), 2114 Carroll av, Chicago, Ill.
West Haven Mfg. Co. ("Handy" for Tap Wrenches or Bit Braces), West Haven, Conn.

842— Bits (Tapping)

Pugh John T., 31 & Ludlow, Phila., Pa.
Snell Mfg. Co., Fiskdale, Mass.
Swan James Co., Seymour, Conn.

843— Bits (Tong)

Hough Chas. N. Mfg. Co. ("Klein," "Lay," "Crumble," "Jumbo" Patterns), Franklin, Pa.

844— *Bits (Tool Holder)

FRASSE PETER A. & CO., Inc., 417 Canal, New York
See adv index at end of book

Bits (Wood Boring)

See Bits, Machine, Wood

845— Bitumen Importers

Lamson John S. & Bro., 347 Madison av, New York

846— *Blackboard Signs

Newman Mfg. Co., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill.
See adv index at end of book

847—Blackboard Surfacing Material

Acme White Lead & Color Works, St. Aubin & M C R R, Detroit, Mich.
American Seating Co. ("Acme"), 14 E Jackson blvd, Chicago, Ill.
American Soapstone Finish Co. ("Dodge"), Chester Depot, Vt.
Burdsal A. Co., Indianapolis, Ind.
Caxton School Supply Co., 560 W. Monroe, Chicago, Ill.
Devoe & Raynolds Co., Inc. ("Harvard"), 101 Fulton, New York
Felton, Sibley & Co., 136 N 4th, Phila., Pa.
Hammett J. L. Co., Kendall sq., Cambridge, Mass.
Harrison Works (Du Pont), 3500 Gray's Ferry rd, Phila., Pa.
Lawrence W. W. & Co., Pittsburgh, Pa.
Lucas Jno. & Co., 322 Race, Phila., Pa.
Masury John W. & Son, 50 Jay, Brooklyn, N. Y.
N. Y. Silicate Book Slate Co., 20 Vesey, New York

848—Blackboards (Composition)

Atlas School Supply Co. ("Kraoplate"), 531 S. Peoria, Chicago, Ill.
Beckley Cardy Co. ("Beckley's" Artificial Slate), 312 W Randolph, Chicago, Ill.

Hendricks' Commercial Register

is not a Catalog of Advertisers alone, but a Complete Register of the manufacturers and jobbers in every line of trade that comes within the scope of the work.

When writing to firms whose names appear in this book please mention

Hendricks' Commercial Register

849— Blackboards (Silicate)

New York Silicate Book Slate Co., 24 Vesey, New York

850— Blackboards (Slate)

Albion Bangor Slate Co. Wind Gap, Pa.
Allen Blaisdell Co., 12 Pearl, Boston, Mass.
Bangor Slate Mining Co., Bangor, Pa.
Blue Valley Slate Mfg. Co. (Ltd.), Slatington, Pa.
Carbon Slate Co. (Rough), Slatington, Pa.
Caxton School Supply Co., 560 W Monroe, Chicago, Ill.
Columbus Slate Co., New Hayden bldg, Columbus, O.
Crown Slate Co., Pen Argyl, Pa.
East Bangor Consolidated Slate Co., E Bangor, Pa.
Excelsior Slate Co., Pen Argyl, Pa.
Genuine Washington Slate Co., Slatington, Pa.
GENUINE BANGOR SLATE CO., Easton, Pa.
Hahn Granville, Walnutport, Pa.
Hammann Slate Co., Bangor, Pa.
HAMMETT J. L. CO. ("Hyloplate") Kendall sq, Cambridge, Mass.
Hercules Slate Co., Bangor, Me.
Hower J. K., Danielsville, Pa.
International Slate Co., Slatington, Pa.
Keenan Structural Slate Co., Bangor, Pa.
KNICKERBOCKER SLATE CORP., 19 W 44th, New York
Lehigh Structural Slate Mfg. Co., Bangor, Pa.
Lobb, Parry & Co., Danielsville, Pa.
Monarch Black Board Structural Slate Co., Slatington, Pa.
Monson Maine Slate Co., 112 Water, Boston, Mass.
National School Slate Co., Slatington, Pa.
Natural Slate Blackboard Co., Pen Argyl, Pa.
New York Silicate Book Slate Co. ("Silicate"), 24 Vesey, New York
North Bangor Slate Co., Bangor, Pa.
O'Halloran & Jacobs, Park bldg, Pittsburgh, Pa.
Penna. Blackboard Co., Slatington, Pa.
Penna. Slate Co., (Rough), Slatington, Pa.
Phoenix Slate Co., Windgap, Pa.
Sieger & Son Mfg. Co., Slatington, Pa.
Shimer Slate Co., Bangor, Pa.
Slatington-Bangor Slate Syndicate, Slatington, Pa.
Slatington Slate Co., Slatington, Pa.
Tinsman M. L. & Co., Pen Argyl, Pa.
Unger John F. Co., Slatington, Pa.
Vermont Unfading Green Slate Co. (Purple & Green), Fair Haven, Vt.
Woodley Slate Co., Bangor, Pa.

851— Black Hypo

Katzenbach & Bullock Co., 100 William, New York
Uhlich Paul & Co. (Imp), 11 Cliff, New York

852— Black Iron

Eastwood Chemical Co. (For Silk Dyeing), Belleville, N. J.

853— *Black Lead

See also Graphite Miners & Refiners

Chrystal Chas. B., 13 Cliff, New York
See adv index at end of book
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

854-5—Black Plates for Tinning

Alcania Company, Oliver bldg., Pittsburgh, Pa. Mills: Avonmore, Pa.
American Sheet & Tin Plate Co., Frick bldg., Pittsburgh, Pa.
Canonsburg Steel & Iron Works, Canonsburg, Pa.
Carnahan Tin Plate & Sheet Co., Canton, Ohio
Follansbee Bros. Co. (Open Hearth), Pittsburgh, Pa.
Griffiths Charcoal Iron Mills, Washington, Pa.
Lalance & Grosjean Mfg. Co. (All Consumed by the Company), 299 Broadway, New York
McKeesport Tin Plate Co., McKeesport, Pa.
National Enameling & Stamping Co., 411 5th av, New York
Ohio Corrugating Co., Warren, O.
Phillips Sheet & Tin Plate Co. (Also Long Sheets), Weirton, W. Va.
Standard Tin Plate Co., Canonsburg, Pa.
Taylor N & G Co., Mariner & Merchant bldg, Phila., Pa.
Washington Tin Plate Co., Washington, Pa.
Wheeling Steel & Iron Co., Wheeling, W. Va.
Whitaker-Glessner Co., Wheeling, W. Va.

Blacking (Harness Oil)

See Dressing, Carriage Top, Harness,etc

856— Blacking (Leather)

See also Shoe Blacking and Polishes

Eastwood Chemical Co. (For Tanneries), Belleville, N. J.
Miller Frank Co., 349 W 26th, New York

Blacking (Shoe)

See Shoe Blacking & Polishes

Blacking (Stove)

See Stove Polish

Blacksmiths' Supplies

Consult Index of Contents for specific Article desired

857-8— Bladders (Rubber)

Goodrich B. F. Co. (Foot Ball, etc)., Akron, O.
Tyer Rubber Co. (Foot Ball, Basket Ball, Striking Bag, etc), Andover, Mass.

859—Blades (Cloth Cutting Machine)

Emrich Phil (Circular, Rotary, Straight & Serrated Edge), 824 Main, Cincinnati, O.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*

859a—*Blades (Fan, Electric Ceiling)

ESTES E. B. & SONS, 364 5th av, New York. *See adv index at end of book*

860— Blades (Fan, Metal)

BOSSERT CORP. (THE), Utica, N. Y.
See adv index at end of book
Bridgeport Brass Co., Bridgeport, Conn.
Torrington Mfg. Co., Torrington, Conn.

861— Blades (Fan, Wood)

Burlington Venetian Blind Co., Burlington, Vt.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Phoenix Sliding Blind Co., Phoenix, N. Y.
Requarth F. A. Co., Dayton, O.

861a— Blades (Fountain)

SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

Blades (Hack Saw)

See Saw Blades & Frames, Hack

862— Blades (Lawn Mower)

Rossell Henry (Welded Iron & Steel), 24 S Jefferson, Chicago, Ill.

863— Blades (Metal Shear)

See also Knives, Machine

Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
See adv index at end of book
Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.
Cleveland Steel Tool Co. (Hand & Power), Cleveland, O.
Detroit Edge Tool Works, Woodbridge & McDougall, Detroit, Mich.
Disston Henry & Sons, Tacony, Phila., Pa.
Hankey & Co., Rochdale, Mass.
Heppenstall Forge & Knife Co., 47th & Hatfield, Pittsburgh, Pa.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book
Pittsburg Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

864— Blades (Rolling Coulter)

Galesburg Coulter Disc Co., Galesburg, Ill.

865— Blades (Safety Razor)

See also Razors Mfrs.., Safety

Clark Blade & Razor Co., 119 Summer av, Newark, N. J.
Crescent Mfg. Co., Fremont, Ohio.

865a—Blades (Semaphore Signal)

Railroad Supply Co., 203 S Dearborn, Chicago, Ill.
Signal Accessories Co. ("Saco"), Utica, N. Y.

866—Blades (Shoe Cutters' Extension)

Hyde Mfg. Co., Southbridge, Mass.
Richard Stephen Co., Southbridge, Mass.

867—Blades (Squaring Shear)

Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, O.
See adv index at end of book
Emrich Phil., 824 Main, Cincinnati, O.

867a—*Blades (Tongue Depressor-Change)

ESTES E. B. & SONS, 364 5th av, New York. *See adv index at end of book*

868— Blanc Fixe

Brewer & Co., Worcester, Mass.
CLINCHFIELD PRODUCTS CORPN., 120 B'way, New York
See adv index at end of book
Commercial Chemical Co. (Powdered Redried), Clearing, Ill.
Coulston J. W. & Co. (Imp), 80 Maiden la, New York
Durex Chemical Corp., 320 5th av, New York
Fuller Ralph L & Co. Inc., 2 Rector, New York *See adv index at end of book*
Gabriel & Schall (Imported), 295 B'way, New York

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Marden, Orth & Hastings Co., 61 B'way, New York
National Aniline & Chemical Co. Inc., 21 Burling slip, New York
Providence Drysalters Co., East Greenwich, R. I.
Vanderbilt R. T. Co., 50 E 42d, New York
Waldo E. M. & F. (Selling Agts.), 11 B'way, New York
Whittaker, Clark & Daniels, Inc., 250 Front, New York

869— Blanchers (Peanut)

See also Peanut Machinery

Lambert Machine Co., Marshall, Mich.
McLean Jno., Lockport, N. Y.

870— Blankets (Cotton)

Beacon Mfg. Co., New Bedford, Mass.
Boston Duck Co., Bondsville, Mass.
Chicopee Mfg. Corp., Chicopee Falls, Mass.
Esmond Mills, Esmond, R. I.
Manetta Mills, Lando, S. C.
Nashua Mfg. Co., Nashua, N. H.
Old Colony Mfg. Co., Taunton, Mass.
Tremont & Suffolk Mills, Lowell, Mass.
Whittenton Mfg. Co., Taunton Mass.

871— Blankets (Felt)

Albany Felt Co., Albany, N. Y.
Best Edw. H. & Co. (Machy), 222 Purchase, Boston, Mass.
New England Fibre Blanket Co., Worcester, Mass.
Orr Felt & Blanket Co., Piqua, Ohio
Waterbury Felt Co., Skaneateles Falls, N. Y.

872—Blankets (Horse & Cattle)

Ashworth's J. E. Sons, West Brookville, N. Y.
Ayres Wm. & Sons, 3rd & Cumberland, Phila., Pa.
Beckman N. O. Co., Fulton rd, N W, Cleveland, O.
Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.
Burlington Blanket Co. ("Stay On"), Burlington, Wis.
Candor Blanket Co., Candor, N. Y.
Chase L. C. & Co. (Horse Clothing & Cow Covers), 89 Franklin, Boston, Mass.
See adv index at end of book
Clark Mfg. Co., West Newton, Mass.
COUCH BROS. MFG. CO., Atlanta, Ga.
Freeland Mfg. Co., Freeland & Walnut la, Phila., Pa.
Hubbell J. L. ("Navajo"), Ganado, Ariz.
Hygienic Blanket Mills, Hubbardston, Mass.
Kelly Thos. & Co. ("Burleigh"), 89 Chauncy, Boston, Mass.
Langstroth T. W., 77 Warren, New York
Louisville Girth & Blanket Mills (Blanket), Louisville, Ky.
Mianus Mfg. Co. (Plush), Coscob, Conn.
Monadnock Blanket Mills, Marlboro, N. H.
Oregon City Mfg. Co., Oregon City, Ore.
Ray Fabric Mills, Franklin, Mass.
Riley Wm. B. & Co., 238 Chestnut, Phila., Pa.
Rockfall Woolen Co., Middletown, Conn.
Sanford Mills (Plush Horse), Sanford, Me.
Springfield Blanket Co., Holyoke, Mass.
Stafford's Jas. Sons, Kram's av, Phila., Pa.
Troy Blanket Mills, Troy, N. H.
Valley Woolen Mills, Marlboro, N. H.
Wallace & Smith Co., La Porte, Ind.
Waterbury H. & Sons Co., Oriskany, N. Y.

873— Blankets (Mining)

Hygienic Blanket Mills, Hubbardston, Mass.

873a— Blankets (Paper)

Andrews R. P. Paper Co., Washington, D. C.
Bond B. F. Paper Co., 33 S Hanover, Baltimore, Md.
Garrett Sylvester, S. & Co., 259 S 3rd, Phila., Pa.
Kalamazoo Vegetable Parchment Co., Kalamazoo, Mich.
Negargee Bros., Scranton, Pa.
Stone & Forsyth Co., 67 Kingston, Boston, Mass.

874—Blankets (Printers' & Lithographers')

Boston Belting Corp., 84 Linden Park, Boston, Mass.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Hodgman Rubber Co., 8 W. 40th, New York
Kush Gustave, 3 Park row, New York
New England Fibre Blanket Co. (Fibre, Rubber, Felt, Oiled, etc), Worcester, Mass.
Noone's Joseph Sons Co. (Woolen), Peterboro, N. H.
Peerless Rubber Mfg. Co., 31, Warren, N. Y.
Revere Rubber Co., Chelsea, Mass.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

875—Blankets (Rubber Hospital)

Athol Mfg. Co., Athol, Mass.
Chicago Rubber Clothing Co., Racine, Wis.
Clifton Mfg. Co., 65 Brookside av, Jamaica Plain, Boston, Mass.
Hodgman Rubber Co., 8 W. 40th, New York
Tyer Rubber Co. ("Tyrian"), Andover, Mass.

876-7— Blankets (Woolen)

Alpena Woolen Mills, Alpena, Mich.
Alpine Woolen Mills, Mount Airy, N. C.
Amana Society, Amana, Ia.
American Kersey Co., Litchfield, Minn.
American Woolen Co., 245 State, Boston, Mass.
Apollo Woolen Mills (Bed), Apollo, Pa.
Barnesville Mfg. Co., Barnesville, W. Va.
Barron Woolen Mill Co., Barron, Wis.
Bedford Mills Co., Bedford, Va.
Birdsall Bros. Co., Honesdale, Pa.
Blue J. J. & Son, Ettrick, Wis.
Bridgewater Mfg. Co., Bridgewater, Va.
Brooksville Woolen Mill, Brooksville, Me.
Brownsville Woolen Mills Co., Brownsville, Ore.
Brunger S. & Co., Sullivan, Ind.
Buell Mfg. Co. (Also Indian Robes), St. Joseph, Mo.
Burroughs & Taylor Co., Cave, Tenn.
Byfield Woolen Co. (Bed), Byfield, Mass.
California Woolen Mfg. Co., California, Mo.
Campbellsville Mfg. Co., Campbellsville, Ky.
Capps J. & Sons (Ltd.), (Indian Robes), Jacksonville, Ill.
Cedar Bluff Woolen Co., Cedar Bluff, Va.
Cedarburg Woolen Mills, Cedarburg, Wis.
Chatham Mfg. Co., Elkin, N. C.
Chippewa Falls Woolen Mills, Chippewa Falls, Wis.
Cleveland Woolen Mills Co., Dresden, O.
Columbia Mills, Lewiston, Me.
Cordaville Woolen Co. (Bed), Cordaville, Mass.
Covington Woolen Mills, Covington, O.
Craigsville Woolen Mfg. Co., Craigsville, Pa.
Dobson J. & J., Falls Schuylkill, Phila., Pa.
Dresden Woolen Mills, Dresden, O.
Ellsworth Woolen Mill, Ellsworth, Me.
Erskine Alex., 4th & Somerset, Phila., Pa.
Eugene Woolen Mill Co., Eugene, Ore.
Fairbault Woolen Mill Co., Fairbault, Minn.
Fields Mfg. Co., Mouth of Wilson, Va.
Freeland Mfg. Co., Freeland av & Walnut la, Phila., Pa.
Gibboney A. R. & Co. (Bed), Reedsville, Pa.
Goodwin C. E. & Sons, Cumberland Gap, Tenn.
Gordon, Wm. M. & Son, Galax, Va.
Graff P. & Co., Worthington, Pa.
Green River Woolen Mills, Phil., Ky.
Gwyn-Harper Mfg. Co., Patterson, N. C.
Heathcote S. E. & Co., Glen Rock, Pa.
Heijkes E. K., York Springs, Pa.
Hey Richard & Son, Main blk, Walnut la, Phila., Pa.
Hinsdale Woolen Mill, Hinsdale, Mass.
Hollywood Mfg. Co., Hollywood, W. Va.
Houlton Woolen Mill, Houlton, Me.
Hygienic Blanket Mills (Horse, Carriage, Mining, Institution, Saddle, etc), Hubbardston, Mass.
Imperial Woolen Co., Main & Rector, Phila., Pa.
Keller J. D., Houserville, Pa.
Kennedy D. & Sons, Monticello, Wis.
Kent Mfg. Co., Clifton Heights, Pa.
Kismensi Woolen Co., Stanton, Del.
Knight Woolen Mills, Provo, Utah
Kuenzel Mills Co. (Bed), New Bremen, Ohio
Lancaster A. & Co., Chester, N. J.
Langville Woolen Mills Co., Langville, Pa.
Lebanon Woolen Mills, Lebanon, Tenn.
Liebhardt William L. & Co., Middletown, Ind.
Lonsdale's J. Sons, Dale, Ia.
Loud D. A. & Co., Lexington, Ky.
McAnespie J. & Co., Lancaster, O.
McGee Mfg. Co., Greenville, S. C.
Monadnock Blanket Mills (Horse & Camp Blankets), Marlboro, N. H.
Muncy Woolen Mills Co. (All Wool & Cotton Warp White & Colored Bed Blankets), Muncy, Pa.
Nashua Woolen Mills, Nashua, Ia.
Newichawanick Co., South Berwick, Me.
North Star Woolen Mill Co., 228 S 2d, Minneapolis, Minn.
Olney Woolen Mills, Cherry Valley, Mass.
Oregon City Mfg. Co. (Indian Robes), Oregon City, Ore.
Orr Felt & Blanket Co. (Bed), Piqua, O.
Patrick F. A. & Co., Duluth, Minn.
Pearce Mfg. Co. (Bed), Latrobe, Pa.
Pendleton Woolen Mills (Also Indian Robes), Pendleton, Ore.
Portland Woolen Mills, Portland, O.
Prairie du Chien Woolen Mill Co., Prairie du Chien, Wis.
St. Mary's Woolen Mfg. Co. (Fine Bed), St. Mary's, O.
Schaeffer J. M., Sandy Lake, Pa.
Schofield J. & Son, Madison, Ind.
Settle T. F., Scottsville, Ky.
Seymour Woolen Mills, Seymour, Ind.
Shuler & Benninghofen (All Wool & Cotton Warp, also Indian Robes), Hamilton, O.
Spangler W. H., Fitzpatrick, W. Va.
Springfield Blanket Co. (Bed & Horse), Holyoke, Mass.
Springfield C. W. & Co. (Fine Bed), South Wolfboro, N. H.
Springfield Woolen Mills Co. (Bed), Springfield, Tenn.
Stafford's Jas. Sons (Bed & Horse), Kram's av, Phila., Pa.
Stickler J. M., Mauston, Wis.
Susquehanna Woolen Co. (Bed), New Cumberland, Pa.
Townsend J. E. (Estate of), (Bed), Milton Mills, N. H.
Vaughn C. P. & Dunn, Willis, Va.
Wallace & Smith Co. (Bed & Horse), La Porte, Ind.
Webb T. A. W. & Son, Allensville, Pa.
West Bend Woolen Mills, West Bend, Wis.
Winthrop Mills Co. (Bed), Winthrop, Me.
Woodcock A. B., Waterside, Pa.

878-9—Blanks (Copper & German Silver)

Scovil Mfg. Co., Waterbury, Conn.
See adv index at end of book
Seymour Mfg. Co., Seymour, Conn.

880— Blanks (Glass Cutters)

McKee Glass Co., Jeannette, Pa.
Rodefer Glass Co. The (Plano Convex & Double Convex Blanks, for Cutting Polishing), Bellaire, O.
See adv index at end of book

880a— *Blanks (Handle)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

881— Blanks (Key)

Bohannan Wilson, 760 Lexington av, Brooklyn, N. Y.
Corbin Cabinet Lock Co., New Britain, Conn.
Eagle Lock Co., Terryville, Conn.
Graham Mfg. Co., Derby, Conn.
Huber Mfg. Co., 417 E. 93d, N. Y.
Penn Hardware Co., Reading, Pa.
Penn. Lock Works, 126 N 4th, Phila., Pa.
Sargent & Greenleaf Co., Rochester, N. Y.
Taylor & Boggis Foundry Co., Cleveland, O.
Yale & Towne Mfg. Co., 9 E 40th, New York

882— Blanks (Lens)

Corning Glass Works ("Noviol" Optical, Coquille & Micoquille Clear & Colors), Corning, N. Y.

882a— *Blanks (Pinion)

Philadelphia Roll & Machine Co., 35th & Washington av, Phila., Pa.

883— Blanks (Thumb, Nut & Screw)

Billings & Spencer Co., Hartford, Conn.
Keystone Drop Forge Works, Chester, Pa.
Peninsular Milled Screw Co., Detroit, Mich.
Williams J. H. & Co., 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

884—Blast Furnace Top Filling Apparatus

Weimer Machine Works Co., Lebanon, Pa.

885—Blast Furnace & Steel Works Construction

Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Casey-Hedges Co., Chattanooga, Tenn.
Coatesville Boiler Works, Coatesville, Pa.
Colorado Iron Works Co., Denver, Colo.
DOVER BOILER WORKS (Steel Plate Construction). Sales office, 50 Church, New York; Works: Dover, N. J.
See adv index at end of book
Hibben & Co., 9376 Ewing av, Chicago, Ill.
Kennedy Julian, Bessemer bldg., Pittsburgh, Pa.
Kennedy Walter (Automatic Top Filter System for Blast Furnaces), Bessemer bldg, Pittsburgh, Pa.
Keystone Furnace Construction Co., Farmers Bank bldg, Pittsburgh, Pa.

BLAST FURNACE & STEEL WKS. CONSTRUCTION—continued

Lackawanna Bridge Co., Buffalo, N. Y.
Lappan Jas. Mfg. Co., Pittsburgh, Pa.
McClure G. W. Son & Co., Bessemer bldg, Pittsburgh, Pa.
McKee Arthur G. & Co., Rockefeller bldg, Cleveland, O.
Mackintosh, Hemphill & Co., Pittsburgh, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Meehan Boiler & Cons. Co., Lowellville, O.
Mohr Jno. & Sons, 349 W Illinois, Chicago, Ill.
Munroe R. & Sons Mfg. Corp., 23rd & Smallman, Pittsburgh, Pa.
Muskegon Boiler Works, Muskegon, Mich.
Naismith George, 6312 Butler, Pittsburgh, Pa.
Pennsylvania Engineering Works (Engineers & Contractors), New Castle, Pa.
Petroleum Iron Works Co. (Blast Furnace), Sharon, Pa.
Pollock Wm. B. Co., Youngstown, O.
Reeves Bros. Co., Alliance, O.
RITER-CONLEY Co. (Plate & Structural Work of Every Description, Design-Fabricate-Erect), Pittsburgh, Pa.
SCAIFE WM. B. & SONS CO. (Engineers & Contractors), First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Schaefer Mfg. Co., Birmingham, Ala.
Smythe S. R. Co., House bldg, Pittsburgh, Pa.
Tippett & Wood, Phillipsburg, N. J.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Treadwell M. H. Co. of Illinois, 208 S La Salle, Chicago, Ill.
Variety Iron & Steel Works Co., Hamilton av & E 40th, Cleveland, O.
Weimer Machine Works Co., Lebanon, Pa.

886-7— Blast Furnaces

ALABAMA.

ATTALLA—Eagle Furnace Co. (Charcoal Car-Wheel Pig Iron; Brand, "Rome")
BESSEMER—Tennessee Coal, Iron & R. R. Co. (See Birmingham)
BIRMINGHAM—Gulf States Steel Co. (Foundry, Forge, Basic High-Silicon, High Manganese & Grey Forge Pig Iron; Brands, "Chattanooga," "Schuler," "Rising Fawn," "Trussville")
Republic Iron & Steel Co. (Bessemer, Mill & Foundry Pig Iron; Brands, "Pioneer")
Sloss, Sheffield Steel & Iron Co. (Foundry & Forge Pig Iron; Brands, "Sheffield," "Lady Ensley," "Florence," "Sloss")
Tennessee Coal, Iron & Railroad Co. (Foundry, Forge & Basic Pig Iron; Brands, "Alice," "De Bardeleben," "Eureka," "South Pittsburgh," "Ensley")
ENSLEY—Tennessee Coal, Iron & Railroad Co. (See Birmingham, Ala.)
FLORENCE—Sloss, Sheffield Steel & Iron Co. (See Birmingham, Ala.)
HOLT—Central Iron & Coal Co. (Foundry Pig Iron; Brand, "Tuscaloosa"); Office: New York City
IRONATON—Alabama Co. (See Birmingham, Ala.)
OXMOOR—Tennessee Coal, Iron & Railroad Co. (See Birmingham, Ala.)
ROCK RUN—Bass Foundry & Machine Co. Charcoal, Car-Wheel & Strong Castings Pig Iron; Brand, "Rock-Run")
SHEFFIELD—Sheffield Coal & Iron Co. (Foundry & Forge Pig Iron; Brand, "Sheffield")
Sloss, Sheffield Steel & Iron Co. (See Birmingham, Ala.)
SHELBY—Shelby Iron Co. (Foundry Pig Iron; Brand, "Imperial" & Charcoal Car Wheel Pig Iron; Brand, "Shelby")
WOODWARD—Woodward Iron Co. (Basic Foundry & Forge Pig Iron; Brand, "Woodward")

COLORADO.

DENVER—Colorado Fuel & Iron Co. (Bessemer, Basic & Foundry Pig Iron), Furnaces, Pueblo, Colo.

CONNECTICUT.

EAST CANAAN—Barnum, Richardson Co. (See Lime Rock)
LIME ROCK—Barnum, Richardson Co. Charcoal Car-Wheel, Malleable Castings, Ordnance & Machinery Pig Iron; Brand, "Salisbury")

GEORGIA.

CEDARTOWN—Cedartown Iron Co. (Charcoal High Grade Car-Wheel Pig Iron; Brand, "Cherokee")

ILLINOIS.

CHICAGO—**AMERICAN STEEL & WIRE CO.** (Bessemer & Basic Pig Iron), 208 S La Salle. (See also Cleveland, O., & Pittsburgh, Pa.)
See adv index at end of book
Embree Iron Co. (Malleable, Foundry, Forge, Low Phosphorous & High-Manganese Pig Iron; Brand, "Embreville"), 332 S Mich. av, Furnaces, Embreville, Tenn.
Federal Furnace Co. (Malleable Bessemer & Foundry Pig Iron; Brand, "Federal"), 108th & Calumet River
Illinois Steel Co. (Bessemer, Forge, Foundry, Basic & Malleable Bessemer Pig Iron; Brands, "Bay View," "Gertrude," "Milwaukee Scotch"), 208 S La Salle
Inland Steel Co. (Basic & Foundry Pig Iron; Brand, "Inland"), 1st Nat. Bank bldg. Furnaces, Indiana Harbor, Ind.
Iroquois Iron Co. (Foundry, Malleable & High-Silicon Soft Pig Iron; Brand, "Iroquois" for Strong Iron, "Sterling Scotch" for Soft Iron; "Peerless" for High-Silicon Soft Iron; "Malleable" for Malleable Iron), 3267 E 95th
Wisconsin Steel Co., 606 S Michigan (See International Harvester Co.)
JOLIET—Illinois Steel Co., 208 S La Salle. (See Chicago, Ill.)

INDIANA.

GARY—Indiana Steel Co. (See Chicago, Ill.)
INDIANA HARBOR—Inland Steel Co. (See Chicago, Ill.)

KENTUCKY.

ASHLAND—Ashland Iron & Mining Co. (Foundry & Forge Pig Iron; also Ferro-Silicon; Brands: "Boyd" Foundry & "Ashland" for Ferro-Silicon)
Norton Iron Works (Bessemer & Malleable Bessemer Pig Iron; Brand, "Norton")
MIDDLESBORO—Virginia Iron, Coal & Coke Co. (See Roanoke, Va.)

MARYLAND.

SPARROWS POINT—Bethlehem Steel Co. (Bessemer Pig Iron & Spiegeleisen)

MASSACHUSETTS.

CHESHIRE—Berkshire Iron Works (Charcoal Car-Wheel, Engine Cylinders, Chilled Rolls, Crusher Plates, etc; Brand, "Berkshire")
RICHMOND FURNACE—Richmond Iron Works (Charcoal Car-Wheel & Machinery Pig Iron; Brand, "Richmond")

When writing to firms whose names appear in this book please mention
HENDRICKS' COMMERCIAL REGISTER.

MICHIGAN.

CADILLAC—Mitchell-Diggins Iron Co. (Charcoal Malleable Car-Wheel & Strong Foundry Pig Iron; Brand, "Cadillac")
Charcoal Iron Co. of Am. Union Trust bldg, Detroit, Mich.
DETROIT—Detroit Iron & Steel Co. (Foundry & Malleable Pig Iron; Brand, "Zug") Zug Island Debray
Humphreys E. C. Co. (Foundry Basic Bessemer, Malleable & Low Phosphorous Steel Pig Iron), Book bldg.
EAST JORDAN—East Jordan Furnace Co. (Charcoal Car-Wheel & Malleable Pig Iron)
GRAND RAPIDS—Antrim Iron Co. (Charcoal Car-Wheel & Malleable Pig Iron; Brand, "Antrim")
ISHPEMING—Cleveland-Cliffs Iron Co. (See Cleveland, O.)
Lake Superior Iron & Chemical Co. Charcoal Wheel Foundry & Malleable Pig Iron; Brands, "Hinkle," "Elk Rapids," "Champion," "Michigan & Pine Lake")
MARQUETTE—Pioneer Iron Co.
NEGAUNEE—Cleveland-Cliffs Iron Co. (See Cleveland, O.)
WELLS—Stephenson Charcoal Iron Co.

MINNESOTA.

DULUTH—Zenith Furnace Co. (Bessemer, Malleable & Foundry Pig Iron; Brand, "Zenith"

MISSOURI.

ST. LOUIS—Sligo Furnace Co. (Charcoal, Car-Wheel, Foundry & Malleable Pig Iron Brand, "Sligo"), Syndicate Trust bldg.

NEW JERSEY.

NETCONG—Musconetcong Iron Works
OXFORD—Empire Steel & Iron Co. (See Catasauqua, Pa.)
WHARTON—Wharton Steel Co. (See Phila., Pa.)

NEW YORK.

BUFFALO—Buffalo Union Furnace Co. (Bessemer, Malleable & Foundry Pig Iron; Brand, "Buffalo"), ft. Hamburg
Lackawanna Steel Co. (Bessemer Pig Iron; Brand, "Lackawanna")
Rogers-Brown Iron Co. (Foundry Pig Iron), Erie County Bank bldg.
Wickwire Steel Co. (Chilled Cast, Basic, Malleable & Foundry Pig), River rd.
CHARLOTTE—Genesee Furnace Co. (Bessemer Malleable & Grey Forge Pig Iron & Foundry Pig for Stoves, Plates & General Foundry Use, Brand, "Genesee" Furnaces)
NEW YORK—Berkshire Iron Works, 120 B'way
Central Iron & Coal Co. (Foundry Pig Iron; Brand, "Tuscaloosa"), 90 West; Furnaces, Holt, Ala.
Colonial Iron Co. (Foundry & Forge Pig Iron), (Specialty & Strong Soft Fluid Fdry. Pig Iron Brands "Norway" Colonial), 149 B'way, New York
New Jersey Zinc Co. (Spiegeleisen from Zinc Oxide Residues), 55 Wall; Furnaces, etc.; Palmerton, Pa.
NORTH TONAWANDA—Tonawanda Iron & Steel Co. (Foundry, Forge & Malleable Pig Iron; Brands, "Niagara," "Tonawanda Scotch")
PORT HENRY—Northern Iron Co. (Basic, Malleable, Foundry & Bessemer Pig Iron; Brand, "Essex")
STANDISH—Northern Iron Co.

OHIO.

BELLAIRE—Carnegie Steel Co. (See Pittsburgh)
CANTON—United Furnace Co.

CLEVELAND—American Rolling Mill Co. (br. of Middletown, O.), Columbus, Ohio
American Steel & Wire Co. (Bessemer & Basic Pig Iron)
See adv index at end of book
Cleveland-Cliffs Iron Co. (Charcoal Car-Wheel, Foundry, Malleable & Low Phosphorous Pig Iron; Brand, "Pioneer" & "Marquette"), Rockefeller bldg. Furnaces: Marquette & Gladstone, Mich.
Cleveland Furnace Co. (Bessemer, Malleable Bessemer, Foundry & Basic Pig Iron; Brand, "Cleveland"), Clark av S W & Cuyahoga River
Corrigan, McKinney & Co.
Josephine Furnace & Coke Co. (Bessemer, Foundry & Basic Pig Iron; Brand, "Josephine"). Furnaces: Josephine, Pa.
McKinney Steel Co., Perry Payne bldg
Pioneer Iron Co.
River Furnace Co., 4002 Dille av.
Scottdale Furnace Co. (Bessemer, Malleable Forge & Foundry Pig Iron; Brand, "Scottdale"). Furnaces: Scottdale, Pa.
Struthers Furnace Co. (Basic, Forge & Malleable Pig Iron; Brand, "Struthers"), Citizens bldg. Furnaces: Struthers, O.
Toledo Furnace Co. (Bessemer, Basic, Malleable, & Foundry Pig Iron; Brand, "Toledo"). Furnaces: Toledo, O.
United Iron & Steel Co. (M. Hanna & Co.) (Bessemer & Foundry; Brands, "Fannie," "Fort Pitt"; Special Car-Wheel & Grey Forge Pig Iron; Brand, "Cherry Valley"). Furnaces Leotonia, O. & W. Middlesex, Pa.
COLUMBUS—Carnegie Steel Co. (See Pittsburgh, Pa.
DOVER—Penn Iron & Coal Co. (Strong Foundry, Bessemer & Basic Open Hearth Pig Iron; Brands, "Tuscorawas," "Black Band," "Dover")
GIRARD—Girard Iron Co. (Bessemer, Malleable Bessemer, Foundry & Forge Pig Iron; Brand, "Girard")
HANGING ROCK—Hanging Rock Iron Co. (Foundry & Malleable Pig Iron; Brand, "Hamilton")
HUBBARD—Andrews & Hitchcock Iron Co. (See Youngstown)
IRONTON—Belfont Iron Works Co. (Bessemer, Foundry & Forge Pig Iron; Brand, "Belfont")
Kelly Nail & Iron Co. (Bessemer Pig Iron; Brand, "Sarah")
Marting Iron & Steel Co. (Bessemer, Foundry & Malleable Pig Iron; Brands, "Nellie," "Bird" & "Lawrence")
Union Furnace Co.
JACKSON—Globe Iron Co. (Foundry Pig Iron; Brand, "Globe"; also Ferro-Silicon)
Jackson Iron & Steel Co. (High-Silicon Pig Iron; Brand, "Jisco")
Star Furnace Co. (Soft Foundry Pig Iron; Brand, "Star," also Ferro-Silicon)
Wellston Iron Furnace Co.
LEETONIA—Salem Iron Co.
United Iron & Steel Co. (See Cleveland, O.)
LOWELLVILLE—Ohio Iron & Steel Co. (Bessemer, Forge & Foundry Pig Iron; Brands, "The Mary," "The Mary Ohio Scotch")
MIDDLETOWN—American Rolling Mill Co., O
MINGO JUNCTION—Carnegie Steel Co. (See Pittsburgh, Pa.)
NEW STRAITSVILLE—Bessie Furnace Co. (See Pittsburgh, Pa.)
NILES—Carnegie Steel Co. (See Pittsburgh, Pa.)
OAK HILL—Jefferson Iron Co.
OLIVE FURNACE—McGugin R. H. (Charcoal Foundry Car-Wheel & Machinery Pig Iron; Brand, "Oline")
STEUBENVILLE—Carnegie Steel Co. (See Pittsburgh, Pa.)
La Belle Iron Works (Basic & Foundry Pig Iron)
STRUTHERS—Struthers Furnace Co. (See Cleveland, O.)
SUPERIOR— Superior Portland Cement Co. (Charcoal Pig Iron for Cylinders, Pulleys, & all Kinds of Machinery; Brand, "Center")
TOLEDO—Toledo Furnace Co. (See Cleveland, Ohio)
WELLSTON—Wellston Iron Furnace Co. (Bessemer, Car-Wheel, Strong Foundry & Malleable Pig Iron)
Yorkville-Wheeling Steel & Iron Co. (See Wheeling, N. Va.)
YOUNGSTOWN—Andrews & Hitchcock Iron Co. (Bessemer, Gray Forge, Malleable, Bessemer & Foundry Pig Iron; Brands, "Hubbard," "Hubbard Scotch" Soft Foundry & "Climax," Strong Foundry. Furnaces: Hubbard, O.
Brier Hill Steel Co. (Bessemer & Basic, Strong Foundry & Malleable Pig Iron; Brand, "'Brier Hill")
Carnegie Steel Co. (See Pittsburgh, Pa.
Republic Iron & Steel Co. (Bessemer, Mill & Foundry Pig Iron)
Youngstown Sheet & Tube Co. (Bessemer & Basic Foundry, Malleable & Mill Pig Iron)
ZANESVILLE—Carnegie Steel Co. (See Pittsburgh, Pa.)

OREGON.

OSWEGO—Oregon Iron & Steel Co. (See Portland)
PORTLAND—Oregon Iron & Steel Co., Concord bldg. Furnaces: Oswego

PENNSYLVANIA.

ALBURTIS—Thomas Iron Co. (See Hokendauqua, Pa.)
BIRDSBORO—Brooke E. & G. Iron Co. (Basic Open Hearth Forged Pig Iron; Brand, "Brooke")
BRADDOCK—Carnegie Steel Co. (See Pittsburgh, Pa.)
CATASAUQUA—Crane Iron Works.
Empire Steel & Iron Co. (Foundry, Forge, Basic Bessemer & Low-Phosphorous Pig Iron; Brands, 'Crane," "Crane L P," "Crane Basic," "Henry Clay," "Macungle," "Oxford," "Topton")
CHESTER—Delaware River Steel Co. Forge, Foundry, Basic & Malleable; Brand, "Delaware")
CLAIRTON—Carnegie Steel Co. See Pittsburgh, Pa.)
CURTIN—Eagle Iron Co.
DONORA—Carnegie Steel Co. (See Pittsburgh, Pa.)
DUBOIS—Adrian Furnace Co. (Foundry Pig Iron; Brand. "Adrian")
DUQUESNE—Carnegie Steel Co. (See Pittsburgh, Pa.)
EARLSTON—(P. O. Everett, Pa.) Thropp Jos. E. (Forge, Basic & Soft & Strong Foundry & Mill Pig Iron; Brands, "Everett," "Saxton")
EMPORIUM—Emporium Iron Co.
ERIE—Perry Iron Co. (Foundry, Malleable & Bessemer Pig Iron; Brand, "Perry")
HARRISBURG—Central Iron & Steel Co. (Bessemer, Malleable Bessemer, Foundry, Mill & Basic Open Hearth Pig Iron; Brands, "Paxton," "Silver Spring")
HELLERTOWN—Thomas Iron Co. (See Hokendauqua, Pa.)
HOKENDAUQUA—Thomas Iron Co. (Foundry, Forge, Basic Open Hearth & Malleable Pig Iron; Brand "Thomas-Vanadium")
ISLAND PARK—Thomas Iron Co. (See Hokendauqua, Pa.)
JOHNSTOWN—Cambria Steel Co. (Bessemer & Basic Pig Iron), Main Office: Phila., Pa.
JOSEPHINE—Josephine Furnace & Coke Co. (See Cleveland, O.)
KITTANNING—Kittanning Iron & Steel Mfg. Co. (Grey Forge & Foundry Pig Iron; Brand, "Rebecca")
LEBANON—Lackawanna Iron & Steel Co. (See Buffalo, N. Y.)
McKEESPORT—National Tube Co. (See Pittsburgh, Pa.)
MACUNGIE—Empire Steel & Iron Co. (See Catasauqua, Pa.)
MAUCH CHUNK—Carbon Iron & Steel Co. Ltd. ("Carbon" Foundry Iron, "Parry" Bessemer Iron & "Viking" Low Phosphorus Pig Iron), Furnaces, Parryville, Pa.
MILESBURG — McCoy - Linn Iron Co. (Charcoal Forge & Foundry Pig Iron; Brand, "Hecla")
NEW CASTLE—Carnegie Steel Co. (See Pittsburgh, Pa.)
Republic Iron & Steel Co. (See Youngstown, O.)
PALMERTON—New Jersey Zinc Co. (of Pa.)
PARRYVILLE—Carbon Iron & Steel Co., Ltd. (See Mauch Chunk, Pa.)
PHILADELPHIA—Cambria Steel Co., Widener bldg
Marshall F. W. & Co., Pennsylvania bldg, Phila, Pa
Pulaski Iron Co. (High-Grade Foundry Pig Iron; Brand, "Pulaski"), Real Estate Trust bldg. Furnaces: Pulaski City, Va.
Wharton Steel Co. (Basic, Neutral Foundry Malleable & Forge Pig Iron; Brand, "Wharton"), Morris bldg; Furnaces, Wharton, N. J.
Wood Allan Iron & Steel Co. (Neutral Mill, Foundry, Malleable Bessemer & Basic Open Hearth Pig Iron; Brand, "Swede"), Widener bldg; Furnaces, Swedeland, Pa.
PITTSBURGH—American Steel & Wire Co. (Bessemer & Basic Pig Iron), Frick bldg.
See adv index at end of book
Bessie Furnace Co., Oliver bldg.
Carnegie Steel Co. (Bessemer, Basic, Forge Foundry, Mill & Low-Phosphorus Pig Iron), Carnegie bldg
Carter Iron Co. (Bessemer & Foundry Pig Iron), 307 5th av. Furnaces: Ivanhoe Furnace Co., Ivanhoe, Va.
Clinton Iron & Steel Co. (Bessemer, Forge & Special Car-Wheel Pig Iron, and an exceedingly Soft & Fluid Foundry Iron for Light & Fine Machinery Castings; Brands, "Hector," "Clinton"), W Carson
Mudge Edmund W. & Co. (Bessemer Basic Foundry and Malleable Pig Iron; Brands, "Ella Foundry" & "Ella Malleable"), Frick bldg
Jones & Laughlin Steel Co. (Bessemer & Basic Open Hearth Pig Iron; all Consumed by the Company), Ross
McAleenan Bros. Co., 25th & A. V.. R. R.
Midland Steel Co. (Bessemer, Basic & Foundry Pig Iron), 313 6th av; Furnaces, Midland, Pa.
Miller W. R. Co. (& Steel Works Construction) House bldg.
Republic Iron & Steel Co. (Bessemer, Mill & Foundry Pig Iron; Brand, "Pioneer"), Oliver bldg.
Shenango Furnace Co. (Bessemer, Basic & Malleable Pig Iron; Brand, "Shenango"), Oliver bldg; Furnaces, Sharpsville, Pa.
Snyder W. P. & Co. (All Grades of Merchant Pig Iron), Oliver bldg
POTTSTOWN—Glasgow Iron Co.
POTTSVILLE—Eastern Steel Co. (Foundry, Neutral Mills, Bessemer, Malleable, Low Phosphorus & Basic Pig Iron; Brand, "Warwick"), Furnaces: Pottstown, Pa.
RANKIN—Carnegie Steel Co. (See Pittsburgh, Pa.)
READING—Reading Iron Co. (Foundry & Forge Pig Iron)
RIDDLESBURG—Colonial Iron Co. (Foundry & Forge Pig Iron, Specialty a Strong Soft Fluid Foundry Pig Iron; Brands, "Norway," "Colonial")
ROBESONIA—Robesonia Iron Co. Ltd. (Low - Phosphorus Pig Iron; Brand, "Robesonia")
SAXTON—Thropp Jos. E. (See Earlston, Pa.)
SCOTTDALE—Scottdale Furnace Co.
SHARON—Carnegie Steel Co. (See Pittsburgh, Pa.)
Republic Iron & Steel Co. (See Youngstown, Ohio.)
Stewart Iron Co. Ltd. (Standard Bessemer, Low-Phosphorus, Foundry, Basic & Forge Pig Iron; Brand, "Stewart")
Shenango Furnace Co. (See Pittsburgh, Pa.)
Youngstown Sheet & Tube Co. (See Youngstown, O.)

PENNSYLVANIA—continued
SHERIDAN — Berkshire Iron Works (Foundry Pig Iron; Brand, "Sheridan"). (See New York City)
SOUTH BETHLEHEM—Bethlehem Steel Co. (Bessemer, Basic, Low-Phosphorous, All Consumed by the Company)
STEELTON—Pennsylvania Steel Co. (See Phila., Pa.)
SWEDELAND—Wood, Alan Iron & Steel Co. (See Phila., Pa.)
TEMPLE—Seaboard Steel & Manganese Corp.
Temple Iron Co. (See Scranton)
TOPTON—Empire Steel & Iron Co. (See Catasauqua, Pa.)
WEST MIDDLESEX—Pickands, Mather & Co. (See Cleveland, O.)
United Iron & Steel Co. (See Cleveland, O.)
WOODLAWN—Jones & Laughlin Steel Co.

TENNESSEE.

ALLEN'S CREEK—Bon Air Coal & Iron Co.
BEAR SPRINGS—Dover Iron Co. (Charcoal, Low-Phosphorus Pig Iron, for Chilled Rolls, etc; Brand, "Dover")
BRISTOL—Virginia Iron, Coal & Coke Co. (See Roanoke, Va.)
CHATTANOOGA — Citico Furnace Co. (Forge & Foundry Pig Iron; Brand, "Citico")
Roane Iron Co. (Foundry & Forge Pig Iron; Brand, "Rockwood"), Furnaces: Rockwood, Tenn.
CLARKSVILLE—Red River Iron Works. (Foundry, High-Silicon & Tennessee-Scotch Pig Iron; Brands, "Helen," "Red River")
CUMBERLAND FURNACE—Warner Iron Co.
EMBREEVILLE—Embree Iron Co. (See New York City)
GOODRICH—Standard Iron Co.
JOHNSON CITY—Cranberry Furnace Co. (Low-Phosphorus Pig Iron; Brand, "Cranberry")
LA FOLLETTE—La Follette Coal & Iron Co. (Foundry & Forge Pig Iron; Brand, "La Follette Foundry")
NAPIER—Napier Iron Works. (See Nashville, Tenn.)
NASHVILLE—Bon Air Coal & Iron Co.
Napier Iron Works (Foundry Pig Iron; Brand, "Napier"), Furnaces, Napier, Tenn.
Standard Iron Co. (Foundry & Soft Pig Iron; Brand, "Standard"), Furnaces: Goodrich, Tenn.
Warner Iron Co., Nashville, Tenn.
ROCKWOOD—Roane Iron Co. (See Chattanooga)
SOUTH PITTSBURGH—Tennessee Coal, Iron & R. R. Co. (See Birmingham, Ala.)

VIRGINIA.

COVINGTON—Lowmoor Iron Co. (of Va.) (See Low Moor)
GLEN WILTON—Princess Furnace Co. (Soft, Strong & Very Fluid Foundry Pig Iron; Brand, "Princess")
GRAHAM—Virginia Iron, Coal & Coke Co. (See Roanoke, Va.)
IVANHOE—Ivanhoe Furnace Co. (Bessemer, Foundry & Basic Pig Iron; Brand, "Ivanhoe")
LIBERTY FURNACE—Shenandoah Iron & Coal Co. (Charcoal Car-Wheel Pig Iron; Brand, "Liberty, 1812")
LONGDALE—Longdale Iron Co. (Basic Pig Iron Cast in Chills: Brand, "Longdale")
LOW MOOR—Low Moor Iron Co. (Foundry Pig Iron; Brands, "Low Moor," "Covington"), Furnaces: Covington, Va.
MAX MEADOWS—Virginia Iron, Coal & Coke Co. (See Roanoke, Va.)
PULASKI—Pulaski Iron Co. (See Phila., Pa.)
Virginia Iron, Coal & Coke Co. (See Roanoke, Va.)
RADFORD—Virginia Iron, Coal & Coke Co. (See Roanoke, Va.)
REED ISLAND—Virginia Iron, Coal & Coke Co. (See Roanoke, Va.)
ROANOKE—Virginia Iron, Coal & Coke Co. (Foundry, Forge, Basic & Cold Blast Charcoal, Pig Iron for Chilled Rolls, etc; Brands, "Bristol," "Crozer," "Dora," "Graham," "Max Meadows," "Radford," "Reed Island," "Watts")

WEST VIRGINIA.

BENWOOD—National Tube Co. (See Pittsburgh, Pa.)
PADEN CITY—Carter Iron Co. (See Pittsburgh, Pa.
WHEELING—Wheeling Steel & Iron Co. (Bessemer Pig Iron; Brand, "Belmont," "Martin's Ferry," "Top Mill")

WISCONSIN.

MAYVILLE—Northwestern Iron Co. (See Milwaukee, Wis.)
MILWAUKEE—Illinois Steel Co. (See Chicago, Ill.)
Northwestern Iron Co. (Malleable Bessemer & Foundry Pig Iron; Brands, "Sidney," "Mayville," "Gertrude"), 1st National Bank bldg
Thomas Furnace Co. (Foundry, Malleable Bessemer & Standard Bessemer; Brand, "Thomas"), 740 Kinnickinnic av

888—Blasting Fuse, Caps, Etc.

See also Batteries, Blasting
AETNA EXPLOSIVES CO., INC., 120 B'way, New York
Blight Sons & Co., Eagle River, Mich.
Brewster F. K., Port Ewen, N. Y.
Ensign Bickford Co. (Safety Fuse), Simsbury, Conn.
Grasselli Powder Co., Guardian bldg, Cleveland, O.
HERCULES POWDER CO., Wilmington, Del. *See adv index at end of book*

889— *Blasting Powder

See also Dynamite, Blasting Supplies & Gunpowder
AETNA EXPLOSIVES CO., INC., 120 B'way, New York
DU PONT (E. I.) DE NEMOURS & CO. *For branch offices see adv index at end of book*

890-1— *Blasting Supplies

See also Dynamite, Blasting Powder & Gunpowder.
AETNA EXPLOSIVES CO., INC., 120 B'way, New York
ATLAS POWDER CO., 10th & Market, Wilmington, Del.
DU PONT (E. I.) DE NEMOURS & CO., Wlmington, Del.
For branch offices see adv index at end of book
HERCULES POWDER CO., Wilmington, Del. *See adv index at end of book*
New York Blastings Supply Co., 11 B'way, New York

892— Bleaching Clays

See Fullers Earth

893— Blenders (Grain)

Wolf Co., Chambersburg, Pa.

894— Blind Tenons

Reading Hardware Co., Reading, Pa.
Sargent & Co., 94 Center, New York

895— Blinds (Inside Folding)

Foster-Munger Co. (For the Trade Only), 1404 W 37th, Chicago, Ill.
Hyde-Murphy Co., Ridgway, Pa.
Morgan Co. (For the Trade Only), Oshkosh, Wis.
Paine Lumber Co., Ltd. (For the Trade Only), Oshkosh, Wis.
Radford Sash & Door Co. (For the Trade Only), 1827 Prairie av, Chicago, Ill.
Roberts Sash & Door Co. (For the Trade Only), 920 W 20th, Chicago, Ill.
Union Blind & Ladder Co. ("Hills"), Oakland, Cal.

896— Blinds (Inside Sliding)

Bossert Louis & Son, 1335 Grand, Brooklyn, N. Y.
Burlington Venetian Blind Co., Burlington, Vt.
Curtis, Towle & Paine Co. (Wholesale Mfrs), Lincoln, Neb.
Curtis & Yale Co. (Wholesale Mfrs), Wausau, Wis.
Kane Blind & Screen Co., Kane, Pa.
Monroe Screen Blind & Partition Co., Lima, O.
Phoenix Sliding Blind Co., Phoenix, N. Y.

897— Blinds (Venetian)

Bostwick-Goodell Co. ("Victoria"), Norwalk, O.
Burlington Venetian Blind Co., Burlington, Vt.
Curtis, Towle & Paine Co. (Wholesale Mfrs.), Lincoln, Neb.
Dodge H. B. & Co. (Mfrs. Agents), 332 S Michigan av, Chicago, Ill.
Foster-Munger Co. ("The Pease," Wholesale Only), 1404 W 37th, Chicago, Ill.
Monroe Screen Blind & Partition Co., Lima, O.
New Jersey Blind & Screen Co., Paterson, N. J.
Swedish Venetian Blind Co. ("Ericsson's"), 47 W 34th, New York
Wilson J. G. Corp., The. Chief Office. 8 W 40th, New York. Mills & Factory: Norfolk, Va.

897a—*Block (Hack Saw Gauge, "Armstrong")

ARMSTRONG MFG. CO., 278 Knowlton, Bridgeport, Conn.
See adv index at end of book

898— *Blocks (All Kinds)

Estes E. B. & Sons (For All Purposes), 364 Fifth av, New York
See adv index at end of book

899—Blocks (Alphabet, Toy, Etc.)

Amerian Mfg. Concern (For Building), Falconer, N. Y.
Bradley Milton Co., Springfield, Mass.
Embossing Co., Albany, N. Y.
Estes E. B. & Sons (Children's Building), 364 5th av, New York
See adv index at end of book
McLoughlin Bros., 890 B'way, New York

900— Blocks (Anvil)

HOOVEN, OWENS, RENTSCHLER CO. (Steel Reinforced, Semi-Steel), Hamilton, O. *See adv index at end of book*

901— Blocks (Asbestos)

Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Johns H. W.-Manville Co., Madison av & 41st, New York

902—Blocks (Broom or Brush)

Curtis & Yale Co. (Wholesale Mfrs.), Wausaw, Wis.
Estes E. B. & Sons, 364 Fifth av, New York. *See adv index at end of book*
Holgate Bros. Co. (Whitewash Blocks) etc), Kane, Pa.
Mahle C. A. & Son, Ltd. (Bored & Shaped for Horse, Scrub, Stove, Shoe Brushes, etc, & for Street & Stable Push Brooms; also for Steel Wire Brushes, Brooms, etc), Corry, Pa.
Piqua Handle & Mfg. Co. (Floor Brush, Window Brush & Special), P O Box 307, Piqua, O.

902a— *Blocks (Bur, Dental)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

903— Blocks (Butchers')

See also Butchers' Machinery & Supplies
Appleton Wood Prods. Co. ("Appleton"), Appleton, Wis.
Bartlett O. L., Mound City, Ill.
Boos John & Co., Effingham, Ill.
Brecht Co., 1201 Cass av, St. Louis, Mo.
Dumrauf & Wicke, 406 E 102d, New York

Fayetteville Mfg. Co., Fayetteville, N. Y.
Hill C. V. & Co., Trenton, N. J.
Michigan Maple Block Co. (Brush Blocks only, all kinds, Burned & Shaped), Petoskey, Mich.
Parkersburg Mill Co., Parkersburg, W. Va.
Peak Henry (For Street Sweeping Brooms, etc), Peabrook, N. Y.
Wolf, Sayer & Heller ("Best in the World"), Fulton & Peoria, Chicago, Ill.

904— Blocks (Cutting)

Continental Fibre Co. (Vulcanized Fibre), Newark Centre, Del.
Curtin Hebert Co. (For Leather, Canvas & Silk Gloves), Gloversville, N. Y.
DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*
National Fibre & Insulation Co., Yorklyn, Del.
Reading Wood Pulley Co., Reading, Pa.
Spaulding J. & Sons Co. (Hard Fibre), P. O. Box 52, Tonawanda, N. Y.
See adv index at end of book
Stiles A. A. & Co. ("Hasco Brand") (Wood), 93-97 Oliver, Boston, Mass.
See adv index at end of book

905— Blocks (Die)

Colonial Steel Co. ("Forged Crucible & Open Hearth"), 324 4th av, Pittsburgh, Pa.
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Erie Forge Co., Erie Pa.
Heppenstall Forge & Knife Co. (Forged), 47th & Halfield, Pittsburgh, Pa.
Johnston & Jennings Co., Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
Michigan Maple Block Co., Petoskey, Mich.
Midvale Steel & Ordnance Co. (Forged) Widener bldg, Phila., Pa.
Pennsylvania Forge Co., Wakeling & Bermuda, Phila., Pa.
Philadelphia Roll & Machine Co., 25th & Washington av, Philadelphia, Pa.
Reading Wood Pulley Co. (Wood), Reading, Pa.
Stiles H. A. & Co. ("Hasco Brand") (Wood), 93-97 Oliver, Boston, Mass.
See adv index at end of book

906—*Blocks (Differential Chain)

See also Hoists, Chain

Chisholm-Moore Mfg. Co. (Direct Differential), 5046 Lakeside, Cleveland, O.
Dobbie Foundry & Machine Co. Main Office & Works: Niagara Falls, N. Y.

907— Blocks (Drill)

Athol Machine Co., Athol, Mass.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

908—*Blocks (Electric Fixture)

STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

908a— *Blocks (Electrotype)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

909— Blocks (Fuse)

See also Cut-Outs, Incandescent

Bryant Electric Co., Bridgeport, Conn.
Condit Electrical Mfg. Co. ("Shawmut"), 1st & L, Boston, Mass.
Connecticut Electric Mfg. Co., Bridgeport, Conn.
Heinemann Geo. (For N. E. C. Fuses), 500 West Girard av, Phila., Pa.
Mutual Electric & Machine Co., 232 Fort W, Detroit, Mich.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Worcester Electric & Mfg. Co., Worcester, Mass.

910— Blocks (Hat)

Cuming M. A. & Co., 43 Bleecker, New York
Hubbell & Benninger, 324 Lafayette, New York

911—Blocks (Hollow Building)

Ada Clay Co., Ada, O.
Akron Vitrified Clay Mfg. Co., Akron, O.
American Brick & Tile Co., Mason City, Ia.
American Clay Co., Terre Haute, Ind.
American Clay Products Co., 175 5th av, New York
American Sewer Pipe Co., Akron, O.
Athens Brick & Tile Co., Athens, Texas
Big Four Clay Co. (Blue Granite, Rock Face), Malvern, O.
Biglow E. Co., New London, O.
Boone Brick Tile & Paving Co., Boone, Ia.
Bradford Fireproofing Co., Bradford, Pa.
Brazil Hollow Brick & Tile Co., Brazil, Ind.
Campfield-Raggle Block Co. (For Silos, Raggle), Richmond, Ind.
Canton Tile Hollow Brick Co. (Plain & Rock-Faced), New Bethlehem, Pa.
Clay Product Co., 175 W Jackson blvd, Chicago, Ill.
Claymont Brick Wks., New Cumberland, W. Va.
Dennison Fire Proofing Co., Mason City, Iowa
Denver Fireproofing Co. (Calcined), Denver, Colo.
Des Moines Clay Co., Des Moines, Ia.
Diefenbacher Philip & Son, Massillon, O.
Far West Clay Co., Tacoma, Wash.
Greer-Beatty Clay Co., Magnolia, O.
Grinnell Clay Products Co., Grinnell, Ia.
Louisville Brick & Tile Co., Louisville, O.
Markley Geo. J., Mineral City, O.
Mason City Brick & Tile Co., Mason City, Ia.
Mason City Clay Works, Mason City, Ia.
Mason City Sewer Pipe Co., Mason City, Ia.
Maurer Henry & Son, 420 E 23d, New York
Menefee Art Stone Co. (Cement), Fort Wayne, Ind.
National Fire Proofing Co., Fulton bldg, Pittsburgh, Pa.
North Birmingham Fire Brick & Proofing Co., Birmingham, Ala.
Ohio Clay Co., Guardian bldg, Cleveland, O.
Penna. Fireproofing Co., Erie, Pa.
Portage Silica Co., Youngstown, O.
Sacramento Building Block Co., Sacramento, Cal.
Sioux City Brick & Tile Co., Sioux City, Iowa
Troy Fireproofing Co., Troy, N. Y.
Truscon Steel Co. (Kahn System), Trussed Concrete bldg, Youngstown, O.
Union Sewer Pipe Co., McKeesport, Pa.
United States Sewer Pipe Co., Frick bldg, Pittsburgh, Pa.
Vigo Am. Clay Co., Terre Haute, Ind.
Whitacre Fire Proofing Co., Waynesburg, Ohio

912— Blocks (Hollow Tile)

Bradford Fireproofing Co., Bradford, Pa.
Gladding McBean & Co., Crocker bldg, San Francisco, Ca.
Gypsum Fireproofing Co., 205 W Monroe, Chicago, Ill.
Maurer Henry & Son, 420 E 23d, New York

913— *Blocks (Hook)

MORGAN ENGINEERING CO. (160 Tons, etc), Alliance, O.
See adv index at end of book

914—Blocks (Keyseating Rule)

Goodell-Pratt Co., Greenfield, Mass.

914a— *Blocks (Kindergarten)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

915— Blocks (Last)

Bingham Last Block Co., Bingham, Me.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

916—Blocks (Lineman's Pulley)

Burr Mfg. Co. (Steel), Whitney Power blk, Cleveland O.
Dicke Tool Co., Downers Grove, Ill.
Klein Mathias & Sons, 562 W Van Buren, Chicago, Ill.
Western Block Co., Lockport, N. Y.

916a— *Blocks (Mangle Roller)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

916b— *Blocks (Manila Rope)

Fischer & Hayes Rope Co., 602 W Lake, Chicago, Ill. *See adv index at end of book*

916c— *Blocks (Pillow)

See Also Power Transmitting Machinery

BOND FOUNDRY & MACHINE CO., Manheim, Pa.

917—Blocks (Print, For Oil Cloth)

Fuller's Geo. Sons, Hallowell, Me.

918— Blocks (Raggle)

Campfield Raggle Block Co., Richmond, Ind.

919— Blocks (Rail)

Arthur W. H. ("Arthur" Hump), Stamford, Conn.
Mack Mfg. Co. ("Arthur" Hump), Lincoln bldg, Phila., Pa.

920-1—*Blocks (Sheave, for Derricks)

Byers, Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book

922—*Blocks (Stiff Leg Head)

Byers, Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book

923— Blocks (Switch)

Armstrong Fred A., 348 Court, Brooklyn, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

924— Blocks (Tackle)

Atlantic Equipment Co. (Jobbers), 149 B'way, New York.
Boston & Lockport Block Co., 100 Condor, E. Boston, Mass.
Buffalo Hoist & Derrick, 131 Erie, Buffalo, N. Y.
See adv index at end of book
Burr Mfg. Co. (Self Locking), Whitney Power blk, Cleveland, O.
Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
Channon Jas. H. Mfg. Co. ("Bullock" Steel or Wood), 227 W Erie, Chicago, Ill.
Cleveland Block Co. (Malleable Iron), 1173 W 11th, Cleveland, O.
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
Columbia Steel Co. ("Skookum" Triple Line Cast Steel), Portland, Ore.
Cottingham John C. & Sons Co., 118 N Delaware av, Phila., Pa.
Dobbie Foundry & Machine Co. Main Office & Works, Niagara Falls, N. Y.
Donohue John T., 704 S Potomac, Baltimore, Md.
Edwards H. D. & Co. 16 Woodward av, Detroit, Mich.
Eureka Tackle Block Co., 413 E Pearl, Cincinnati, O.
Focht Geo. Sons, 47-119 Adams, Hoboken, N. J. *See adv index at end of book*
Fulton Iron Works ("Sure-Grip"), Detroit, Mich.
Hartz H. V. Co. (Steel), Cleveland, O.
Irving Mfg. & Tool Co., 157 Chambers, New York
Lanrent Cherry Pulley Block Co., Trenton, N. J.
Lane Bros. Co. (Automatic Lock), Poughkeepsie, N. Y.
Laughlin Thos. Co., Portland, Me.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
Lufkin C. F., Gloucester, Mass.
McMillan's W. H. Sons, 153 South, New York
Merriman Bros., 185 Amory, Boston, Mass.
National Equipment Co. (Heavy), 123 S Racine av, Chicago, Ill.
See adv index at end of book

BLOCKS (TACKLE)—continued
Neptune Hardware Mfg. Co., 54 South, New York
Patterson W. W. Co., 54 Water, Pittsburgh, Pa.
Pendleton Co., 308 S Water, Providence, R. I.
Pittsburgh Block & Mfg. Co. ("Ferguson," "Little Giant," "Big Giant," "Patterson," Wood or Steel Shell), 818 South av, Pittsburgh, Pa.
Pull-U-Out Sales Co., 2018 Market St, Louis, Mo.
Sohl Fred E., Seattle, Wash.
Stowell Co. The, South Milwaukee, Wis.
Swett A. L. Iron Works, Medina, N. Y.
Tarr Geo. C., Gloucester, Mass.
Terry & Tench Co., 70 E 45th, New York
Union Hardware Co., Torrington, Conn.
Union Mfg. & Lbr. Co., Northville, Mich.
Upson-Walton Co. of N. Y. The, 291 B'way, New York *See adv index at end of book*
Western Block Co. ("Anvil," Wood, Wrought Iron & Steel), Lockport, N. Y.

Blocks (Tank)

See Glass House Clay Supplies

924a— *Blocks (Tenpin)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

925— Blocks (Terminal)

Eureka Supply Co., Sewell, N. J.

926— *Blocks (Wire Rope)

See also Blocks, Tackle

Byers, Jno. F. Machine Co., 242 S Sycamore, Ravenna, O. *See adv index at end of book*
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
CLYDE IRON WORKS, Duluth, Minn. *See adv index at end of book*
Fischer & Haves Rope Co., 602 W Lake, Chicago, Ill. *See adv index at end of book*
ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J. *See adv index at end of book*
Upson-Walton Co. of N. Y. The, 291 B'way, New York *See adv index at end of book*

927— *Blocks (Wood)

ESTES E. B. & SONS (All Kinds, for All Purposes, Plain or Enameled, 364 5th av, New York *See adv index at end of book*
Stiles H. A. & Co. ("Hasco Brand"), 93-97 Oliver, Boston, Mass. *See adv index at end of book*

928— Blocks (Wrecking)

CLYDE IRON WORKS, Duluth, Minn. *See adv index at end of book*
Channon Jas. H. Mfg. Co. (Heavy), 227 W Erie, Chicago, Ill.
Laughlin Thos. Co. (With Lashing Shackles), Portland, Me.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
Western Block Co., Lockport, N. Y.

929— Blocks (Yacht)

Pendleton Co., 308 S Water, Providence, R. I.
Laughlin Thos. Co., Portland, Me.
McMillan's W. H. Sons, 153 South, New York
Western Block Co., Lockport, N. Y.
Wilcox, Crittenden & Co. (Brass), Middletown, Conn.

930— Blood (Dragons')

Hillier's R. Son Co. (Imp.), 100 William, New York
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York

931— Blooms (Charcoal Iron)

Reeves Mfg. Co., Dover, O.

932— Blow-Case (Automatic)

Schutte & Koerting Co., 1251 N 12th, Phila., Pa.

933—Blow-Guns (Machine Shop & Foundry)

LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Powell Wm. Co. ("Powell," for Cleaning Lathes. Work Benches, Taps, Dies, etc), Cincinnati, O.
Star Brass Works ("Binks Clean-All"), 3114 Corroll av, Chicago, Ill.

934—Blow Pipes & Brazing Apparatus

American Gas Furnace Co. (Gas), 24 John, New York
Baylis Company, Bloomfield, N. J.
Bernz Otto, 17-37 Ashland, Newark, N. J.
Best Light Co., 477 Second, N E, Canton, Ohio.
Boekel Wm. & Co., 518 Vine, Phila., Pa.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Buffalo Dental Mfg. Co., Buffalo, N. Y.
Clayton & Lambert Mfg. Co., 205 Piquette av, E Detroit, Mich.
Dyar G. H. Co. (Acetylene), Cambridge, Mass.
Economy Welding Machine Co., Kansas City, Mo.
Hald, Emil Blow Pipe Wks., 84 Oak, Brooklyn, N. Y.
Hauck Mfg. Co., 101 11th, Brooklyn, N. Y.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Marshall Foundry Co., Pittsburgh, Pa.
Metal Specialties Mfg. Co. (Dental), 338 N Kedzie av, Chicago, Ill.
National Blow Pipe & Mfg. Co., 738 Dryades, New Orleans, La.
National Rubber & Specialty Co. (Brazing App. only), Cincinnati, O.
Newark Brass Works, 22 Lawrence, Newark, N. J.
Skinner Bros. Mfg. Co., 10th & Tyler, St. Louis, Mo.
Turner Brass Works (Gasolene & Kerosene), Sycamore, Ill.

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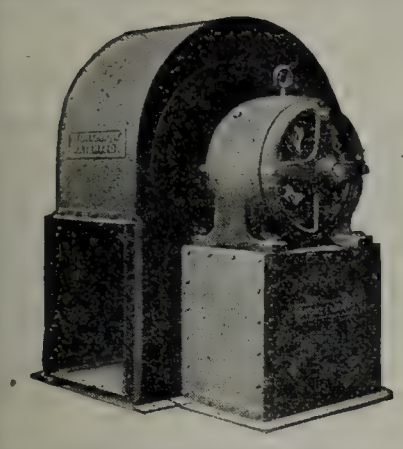
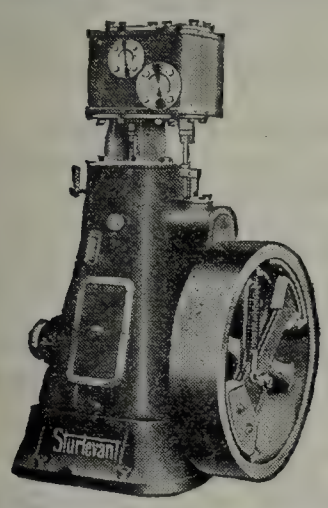
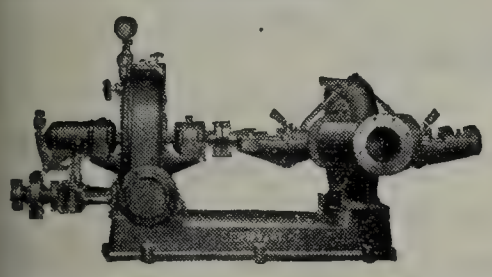


Sturtevant Electric Multivane Fan—Motors furnished separately if desired.



Sturtevant Vertical Engine—Horizontal Engines and Engine Generating Sets also manufactured.



Sturtevant Turbine Pump—Turbines furnished separately if desired—Turbo Generators and Turbo-Undergrate Blowers also manufactured.

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and Allied Products

We make fans, blowers and exhausters of every size and for every purpose—propeller fans, gas blowers, gas boosters and gas exhausters, planing mill fans for handling shavings and sawdust, forge blowers, turbine fans, mechanical draft fans, high pressure blowers, fan systems for absorbing moisture and for drying, dust blowers, portable ventilating sets, vacuum cleaners, turbo-undergrate blowers, fan systems for dust collecting, conveying and separating. We also make motors, engines, turbines, fuel economizers, generators, gasoline engines, turbo pumps, heaters and heating and ventilating apparatus, steam traps, exhaust heads, aeronautical and marine motors.

Write for these Sturtevant Bulletins. Mention numbers wanted 224 Turbo-Undergrate Blowers—195, General Catalog—213, Power Apparatus—175, High Pressure Blowers, —208, Electric Propeller Fans—185, Planing Mill Fans—180, Multivane Fans—150, Fuel Economizers—205, 206, Generating Sets—217, Electric Motors—218, Steam Engines—225, 226, Air Washers—210, Steam Turbines—202, 220, Drying Apparatus—240, Electric Fans.

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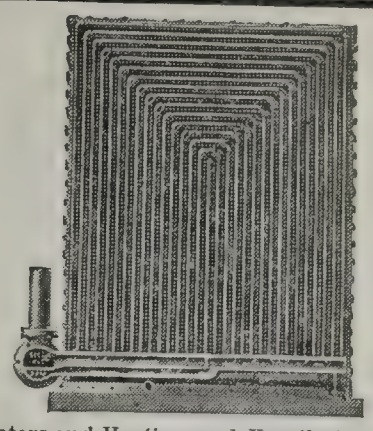
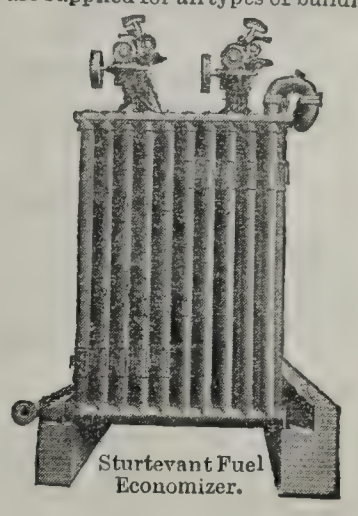
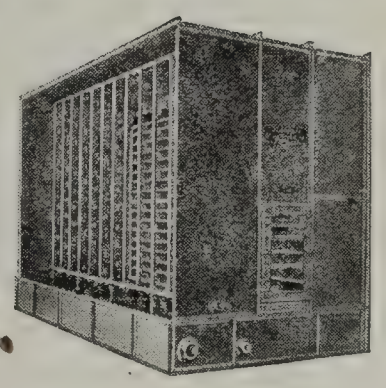


Heaters and Heating and Ventilating Systems are supplied for all types of buildings.



Sturtevant Fuel Economizer.



Sturtevant Air Washer.

Blow Piping

See Exhausts & Blow Piping

935— Blower Mfrs.

See also Sub-classifications

Allington & Curtis Mfg. Co., Saginaw, Mich.
American Blower Co. ("Sirocco" Multi-Blade), 1400 Russell, Detroit, Mich.
American Clay Machinery Co., S Walnut, Bucyrus, O.
American Gas Furnace Co. (Positive Pressure), 24 John, New York
Banister A. W. Co., 421 Dorchester av, S, Boston, Mass.
Barnett John, Rochester, N. Y.
Bayley Mfg. Co., 732 Greenbush, Milwaukee, Wis.
Bicalky Fan Co., Buffalo, N. Y.
Buffalo Forge Co. (Hand & Power), Buffalo, N. Y.
Canedy-Otto Mfg. Co. ("Western Chief" Power), Chicago Heights, Ill.
Champion Blower & Forge Co., Lancaster, Pa.
Chase Turbine Mfg. Co. (Fan), Orange, Mass.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Connersville Blower Co. (Rotary), Connersville, Ind.
DE LAVAL STEAM TURBINE CO. (Turbine Driven), East Trenton, N. J.
See adv index at end of book
Dixie Mfg. Co., Stockholm & Russell, Baltimore, Md.
Electric Blower Co. ("Marvel"), 352 Atlantic av, Boston, Mass.
Fuller Co., Detroit, Mich.
Garden City Fan Co., 332 S Michigan av, Chicago, Ill.
Green Fuel Economizer Co., Beacon, N. Y.
Hackney Ventilating Co., Prior & University, St. Paul, Minn.
Hollingsworth Wm., 229 N Holliday, Baltimore, Md.
Hope Fan & Blower Co., Kansas City, Mo.
Howard & Morse ("Blackman" & "Duplex Cone"), 46 Fulton, New York
Ilg Electric Ventilating Co., 154 Whiting, Chicago, Ill.
Indiana Fan Co. ("Indiana"), 40 E South, Indianapolis, Ind.
Ingersoll-Rand Co. ("I-R" Turbo-Electric Motor & Steam Turbine Driven), 11 B'way, New York
See adv index at end of book
Kelker Blower Co., Buffalo, N. Y.
Kirk & Blum, York & Western aves, Cincinnati, O.
Leiman Bros., 62 John, New York
Lyon Ventilating Machinery Co., 889 E 134th, New York
Mathis Bros. Co., 337 W 25th pl, Chicago, Ill.
McEwen Bros., Wellsville, N. Y.
Meadons Blower & Pipe Works, 25 Meserole av, Brooklyn, N. Y.
Monarch Engineering & Mfg. Co. (Low Pressure), American bldg, Baltimore, Md.
National-Standard Co. ("Dureco"), P O Box 211, Niles, Mich.
Nelson Blower & Furnace Co. ("Nelson" All Kinds), L & Elkins, Boston, Mass.
New England Ventilating & Heating Co., 926 Manton av, Providence, R. I.
New York Blower Co., Archer av & Canal, Chicago, Ill.; Factory: Bucyrus, Ohio
Ohio Blower Co., 9300 Detroit av, Cleveland, Ohio
Pacific Blower & Heating Co., 224 5th, San Francisco, Cal.
Potts D. H. Co. (Fan), Lancaster, Pa.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Roots P. H. & F. M. Co. (Rotary), Connersville, Ind.
Rosewater Electric, 5516 Hinsman rd, Cleveland, O.
Roth Bros. & Co. ("Roth"), 1400 W Adams, Chicago, Ill.
Skinner Bros. Mfg. Co., 10th & Tyler, St. Louis, Mo.
Star Drilling Machine Co., Akron, O.
Sterling Blower Co., Hartford, Conn.
Stockwell & Co. (Small), 229 N. Holliday, Baltimore, Md.
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wilbraham-Green Blower Co. ("Green" Rotary Pressure), Pottstown, Pa.
Wing L. J. Mfg. Co. ("Type R. E." Turbine Blower), 352 W 13th, New York

936— Blowers (Acid)

American Blower Co., 1400 Russell, Detroit, Mich.
Barney Ventilating Fan Works (A. B. Franklin, Prop), 19 Chardon, Boston, Mass.
Duriron Castings Co., Dayton, O.
Guild & Garrison, 457 Kent av, Brooklyn, N. Y.
Titusville Iron Co., Titusville, Pa.

Blowers (Boiler Flue)

See Cleaners, Boiler Flue or Tube; Soot Blowers & Suckers

936a—*Blowers (Centrifugal Pumps)

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*

936b— Blowers (Cupola)

Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book

937— Blowers (Cycloidal)

Garden City Fan Co., 332 S Michigan av, Chicago, Ill.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

938— Blowers (Cyclone)

Stauffer Geo. E. (Kitson's for Burning Culm & Slack), E Stroudsburg, Pa.

939— Blowers (Electric)

American Blower Co., 1400 Russell, Detroit, Mich.
BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Buffalo Forge Co. ("Buffalo"), Buffalo, N. Y.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Diehl Mfg. Co., Elizabeth, N. J.
Electric Blower Co. ("Marvel"), 352 Atlantic av, Boston, Mass.
Emerson Electric Mfg. Co., 2024 Washington av, St. Louis, Mo.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Garden City Fan Co., 332 S Mich av, Chicago, Ill.
Green Fuel Economizer Co., Beacon, N. Y.
Kirk & Blum, York & Western aves, Cincinnati, O.
New Era Electric Blower Co., 2248 W Lake, Chicago, Ill.
N. Y. Blower Co., Archer av & Canal, Chicago, Ill.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Rosewater Elec. Co., 5516 Hinsman rd, Cleveland, O.
Skinner Bros. Mfg. Co., 10th & Tyler, St. Louis, Mo.
Sprague Electric Works, 527 W 34th, New York
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
Superior Meter Co. (Also Silent & Anaesthetic), Bush, 254 36th, Brooklyn, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

940— Blowers (Forge)

American Blower Co. ("Sirocco" Multi-Blade), 1400 Russell, Detroit, Mich.
Buffalo Forge Co. ("Buffalo"), Buffalo, N. Y.
Canedy-Otto Mfg. Co. ("Royal," "Western Chief"), Chicago Heights, Ill.
Champion Blower & Forge Co., Lancaster, Pa.
Champion Tool Co. ("20th Century"), Meadville, Pa.
Clarage Fan Co., North & Porter, Kalamazoo, Mich
Cleveland Steam Gauge Co. ("Watson"), 1108 W 9th, Cleveland, O.
Electric Blower Co. ("Marvel" Electric), 352 Atlantic av, Boston, Mass.
Garden City Fan Co., 332 S Michigan av, Chicago, Ill.
Gardner R. Electrical Works ("Greyhound" Electric), 1712 Columbus rd, Cleveland, O.
Green Fuel Economizer Co., Beacon, N. Y.
Ilg Elec. Ventg. Co., 154 Whiting, Chicago, Ill.
National-Standard Co. ("Dureco"), P O Box 211, Niles, Mich.
New York Blower Co., Archer av & Canal, Chicago, Ill.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Roth Bros. & Co., 1400 W Adams, Chicago, Ill.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Star Drilling Machine Co., Akron, O.
Star Forge Co., Buffalo, N. Y.
STURTEVANT B. F. CO. ("Sturtevant"), (Electric, etc.), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book

941— Blowers (Furnace)

American Blower Co., 1400 Russell, Detroit, Mich.
Beggs James & Co., 30 Warren, New York
See adv index at end of book
Donegan & Swift (Steam, "Swift's Economy"), 6 Murray, New York
GODFREY-KEELER CO. (Steam Spiral), 70 Warren, New York
See adv index at end of book
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Kirk & Blum, York & Western aves., Cincinnati, O.
Monarch Steam Blower Co., Troy, N. Y.
National-Standard Co. ("Dureco"), P O Box 211, Niles, Mich.
Nelson Blower & Furnace Co. (Gas & Foundry), L & Elkins, Boston, Mass.
Rockwell W. S. Co. (Gas & Oil) 50 Church, New York. *See adv index at end of book*
Wing L. J. Mfg. Co., 352 W 13th, New York

941a—Blowers (Gas Producer)

See also Exhausters, Gas

Schutte & Koerting Co., 1251 N 12th, Phila., Pa.

942— Blowers (Hand)

See also Forges, Portable
BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Buffalo Forge Co., Buffalo, N. Y.
Canedy-Otto Mfg. Co. ("Royal"), Chicago Heights, Ill.
Champion Blower & Forge Co., Lancaster, Pa.
Roots P. H. & F. M. Co., Connersville, Ind.

943—*Blowers (Motor Driven)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
Symonds Blower Wks., 93 Center, Malden, Mass.

944— Blowers (Organ)

American Blower Co., 1400 Russell, Detroit, Mich.
Backus Water Motor Co., 172 Penna av, Newark, N. J.
Bayley Mfg. Co., 732 Greenwich, Milwaukee, Wis.
Electric Blower Co. ("Marvel"), 352 Atlantic av, Boston, Mass.
Kimble Electric Co., 634 N Western, Chicago, Ill.
Kinetic Engineering Co. (Electrically Driven), 60th & Baltimore av, Phila., Pa.
Organ Power Co. ("Orgoblo" or "Spencer" Silent), 620 Capitol av, Hartford, Conn.

945—Blowers (Positive Pressure)

Astle H. J. & Co. ("Boland"), 118 Orange, Providence, R. I.
BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Connersville Blower Co. ("Victor"), Connersville, Ind.
Crowell Mfg. Co. ("Crowell"), 296-298 Taaffe pl, Brooklyn, N. Y.
See adv index at end of book
Hollingsworth Wm., 229 N Holliday, Baltimore, Md.
HOYSRADT & CASE, Kingston, New York
Leiman Bros., 62 John, New York
Monarch Engng. & Mfg. Co. ("Monarch" Low Pressure), American bldg, Baltimore, Md.
National-Standard Co. ("Dureco"), P. O. Box 211, Niles, Mich.
Nelson Blower & Furnace Co., L & Elkins, Boston, Mass.
Rockwell W. S. Co. (For Furnace), 50 Church, New York
See adv index at end of book
Roots P. H. & F. M. Co., Connersville, Ind.
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
Timmis & Clissold, Bound Brook, N. J.
U. S. Gas Furnace Co., 46 Clifford, Providence, R. I.
United States Gas Machine Co., Muskegon, Mich.
Wilbraham-Green Blower Co. ("Green"), Pottstown, Pa.
Wing L. J. Mfg. Co. ("Hypress" from 1 to 10 lbs. pressure), 352 W 13th, New York

946—Blowers (Powder, Rubber)

Holland Instrument Corp., 2314 N 11th, Phila., Pa.
Tyer Rubber Co. ("Tyrian" red Bulb, Hard Rubber Tube), Andover, Mass.

Blowers (Pressure)

See Blowers, Positive Pressure; also Blowers, Rotary

947— Blowers (Rotary)

BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Garden City Fan Co., 332 S Michigan av, Chicago, Ill.
Leiman Bros., 62 John, New York
National-Standard Co. ("Dureco"), P. O. Box 211, Niles, Mich.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
Wilbraham-Green Blower Co. ("Green"), Pottstown, Pa.

Blowers (Soot)

See Cleaners, Boiler Flue & Tube; Soot Blowers & Suckers

948— Blowers (Steam Jet)

Am. Steam Conveyor Corp., 326 W Madison, Chicago, Ill.
BEGGS JAMES & CO., 30 Warren, New York *See adv index at end of book*

JAMES BEGGS & CO.
30 Warren Street, New York
BLOWERS
for
Boiler Furnaces
Shaking, Dumping and Stationary Grate Bars

Eynon-Evans Mfg. Co. (Steam Jet for Gas Producers, etc), 1519 Clearfield, Phila., Pa.
Gibson Iron Works Co., 168 1st, Jersey City, N. J.
McClave-Brooks Co. ("McClave's Argand" Steam Blower), Poplar st, Scranton, Pa.
Michigan Lubricator Co., Detroit, Mich.
Parson Mfg. Co., 35 Nassau, New York
Rollins Supply Co., 17 W Kinzie, Chicago, Ill
Schutte & Koerting Co (Steam Jet Blowers & Exhausters), 1251 N 12th, Phila., Pa.

Scranton Pump Co. ("Union"), Scranton, Pa.
Star Drilling Machine Co., Akron, O.
Thacher Geo. H. & Co., Albany, N. Y.

949— Blowers (Turbine)

American Blower Co., 1400 Russell, Detroit, Mich.
DE LAVAL STEAM TURBINE CO., East Trenton, N. J. *See adv index at end of book*
Kerr Turbine Co., Wellsville, N. Y.
Ridgway Dynamo & Engine Co., Ridgway, Pa.
Wing, L. J. Mfg. Co. ("Typhoon"), 352 W 13th, New York

950— Blowers (Turbo)

Coe C. T. Co., 10 Johnson, Newark, N. J.
Coppus Engineering & Equipment Co. ("Coppus"), Worcester, Mass.
INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*
Kerr Turbine Co. ("Economy"), Wellsville, N. Y.
Power Turbo Blower Co., 347 Madison av, New York
Ridgway Dynamo & Engine Co., Ridgway, Pa.
Southwark Foundry & Machine Co., 430 Washington av, Phila., Pa.
STURTEVANT B. F. CO. ("Sturtevant" Undergrate), 15 Damon, Hyde Park, Boston, Mass. *See adv index at end of book*
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

951—*Blowers (Vacuum Cleaning)

BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book

952—Blowers & Exhausters (Electric)

American Blower Co., 1400 Russell, Detroit, Mich.
Buffalo Forge Co. (Pulley Drive), Buffalo, N. Y.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Electric Blower Co. ("Marvel" Electric), 352 Atlantic av, Boston, Mass.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Green Fuel Economizer Co., Beacon, N. Y.
Kirk & Blum, York & Western aves, Cincinnati, O.
Mechanical Appliance Co., Milwaukee, Wis.
N. Y. Blower Co., Archer av & Canal, Chicago, Ill.
Ridgway Dynamo & Engine Co., Ridgway, Pa.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Skinner Bros. Mfg. Co., 10th & Tyler, St. Louis Mo.
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
WESTINGHOUSE ELECTRIC & MFG. CO. East Pittsburgh, Pa.
See adv index at end of book

953— Blue Powder

Drakenfeld B. F. & Co., 50 Murray, New York

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Roessler & Hasslacher Chemical Co., 100 William, New York

954—Blue Print Cars & Frames

See adv index at end of book
Dietzgen Eugene Co., 166 W Monroe, Chicago, Ill.
Fritz Mfg. Co. (Frames), Grand Rapids, Mich.
Keuffel & Esser Co. (Frames), Hoboken N. J.
Pease C. F. Co., 220 W Institute pl, Chicago, Ill.

Blue Print Cases

See Blue Print Filing Cabinets

955—Blue Print Coating Machines

Pease C. F. Co., 220 W Institute pl, Chicago, Ill.
Williams, Brown & Earle, 918 Chestnut, Phila., Pa.

956—Blue Print Filing Cabinets

Cleveland Wire Spring Co. (Steel), Cleveland, O.
Darby Edw. & Sons Co. (Steel), 239 Arch, Phila., Pa.
Dexter Metal Mfg. Co. (Steel), 93 Arch, Camden, N. J.
Dietzgen Eugene Co., 166 W Monroe, Chicago, Ill.
Economy Drawing Table Co., Adrien, Mich.
Edwards O. M. Co. ("Edwards" Steel), Syracuse, N. Y.
Elliott B. K. Co. (Steel or Wood), 126 6th, Pittsburgh, Pa.
Fire-Proof Furniture & Construction Co. (Steel), Miamisburg, O.
Fritz Mfg. Co. (Frames), Grand Rapids, Mich.
Hamilton Mfg. Co. (Wood & Metal), Two Rivers, Wis.
Keuffel & Esser Co., Hoboken, N. J.
Lyon Metallic Mfg. Co. ("Lyon" Steel), Aurora, Ill.
Pease C. F. Co., 220 W Institute pl, Chicago, Ill.
Rowe Henry Mfg. Co., Newaygo, Mich.
WEBER F. & CO., 1125 Chestnut, Phila., Pa.; also St. Louis, Mo., & Baltimore, Md. *See adv index at end of book*
Williams, Brown & Earle, 918 Chestnut, Phila., Pa.
Yawman & Erbe Mfg. Co., Rochester, N. Y.

957— Blue Print Frames

See Blue Print Cars & Frames

958—*Blue Print Lamps & Carbons

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

959—Blue Print Trimming Tables

Pease C. F. Co., 220 W Institute pl, Chicago, Ill.

960—Blue Print Washing & Drying Machines

Pease C. F. Co. (Continuous Automatic), 220 W Institute pl, Chicago, Ill.
Williams, Brown & Earle, 918 Chestnut, Phila., Pa.

961— Blue Printing

See Blue & Black Prints & Papers

962—Blue Printing Machines

Buckeye Engine Co. ("Buckeye" Electric), Salem, O.
Buffalo Blue Print Co. ("Universal"), Builders' Exchange, Buffalo, N. Y.
Dietzgen Eugene Co., 166 W Monroe, Chicago, Ill.
Elliott B. K. Co., 126 6th, Pittsburgh, Pa.
Keuffel & Esser Co. ("Federal," "Champion," Continuous), Hoboken, N. J.

WICKES BROS. (Electric)

Saginaw, Mich.

Paragon Machine Co. (Electric), Rochester, N. Y.
Pease C. F. Co. (Continuous, etc), 220 W Institute pl, Chicago, Ill.
Post Fred'k Co. ("Simplex" Electric, Continuous Blue Print Machine), 3635 Clark, Chicago, Ill.
Revolute Machine Co. ("Everett-McAdam" Continuous Electric), 417 E 93d, New York
Shaw Blue Print Machine Co., Campbell, Newark, N. J.
U. S. Blue Print Paper Co., 327 S La Salle, Chicago, Ill.
WAGENHORST J. H. & CO. (Vertical Half & Full Cylinder Automatic Electric Blue Printers), Youngstown, O.
WEBER F. & CO., 1125 Chestnut, Phila., Pa.; also St. Louis, Mo., & Baltimore, Md. *See adv index at end of book*
WICKES BROS. (Electric), Saginaw, Mich. *See adv index at end of book*
Williams, Brown & Earle, 918 Chestnut, Phila., Pa.
Young John P., Youngstown, O.

962a— Blue (Prussian)

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

Blue Vitriol

See Chemicals, Battery, with the words Blue Vitriol following their names
See also Copper Sulphate

Blue & Black Printing

See Blue & Black Prints & Papers

963—Blue & Black Prints & Papers

Aloe A. S. Co., 621 Olive, St. Louis, Mo.
American Blue Print Co., 30 E 42d, New York
American Blue Print Paper Co., 335 Plymouth ct, Chicago, Ill.
Amsler Blue Print Co., 30 Church, New York
Architects' & Engineers' Supply Co., 913 Grandar, Kansas City, Mo.
Barclay D. & Sons, 1515 Sansom, Phila., Pa.
Beatty Fred W., 39 Ann, New York
Blue Print Co., 101 Park av, New York
Blumhard C. A. Blue Paper Co., 38 S 6th, Phila., Pa.
Boston Blue Print Co., 12 India, Boston, Mass.
Buffalo Blue Print Co., Builders' Exchange, Buffalo, N. Y.
Cardwell Blue Print & Supply Co., Denver, Colo.
Childrey Co., Richmond, Va.
Cincinnati Blue Print Co., 141 E 4th, Cincinnati, O.
Cole H. Co., 68 E Gay, Columbus, O.
Commercial Blue Print Co., 17 Quincy, Chicago, Ill.
Concourse Blue Print Co., 52 Vanderbilt av, New York
Defiance Mfg. Co., 22 E 41st, New York
Dietzgen Eugene Co., 166 W Monroe, Chicago, Ill.
Elliott B. K. Co., 126 6th, Pittsburgh, Pa.
Erie Electric Blue Print Co., Erie, Pa.
Frey Louis & Co. ("Bertsch" Imported), 50 John, New York
Frost & Adams Co., 37 Cornhill, Boston, Mass.
Hewlett Geo. B., 32 Front, New York
Indianapolis Blue Print & Supply Co., Century bldg, Indianapolis, Ind.
Keuffel & Esser Co., Hoboken, N. J.
Keystone Blue Paper Co., 910 Filbert, Phila., Pa.
Kolesch & Co., 138 Fulton, New York
McCollin Thos. H. & Co., 54 N 9th, Phila., Pa.
Makepeace B. L., 387 Washington, Boston, Mass.
Multi-Color Copying Co., 125 Woodward av, Detroit, Mich.
National Blue Print Co., 110 W 32nd, New York
NEW YORK BLUE PRINT PAPER CO., 102 Reade, New York
New York Multi-Color Copying Co., 25 Pearl, New York
Pease C. F. Co., 220 W Institute pl, Chicago, Ill.
Peerless Blue Print Co., 341 5th av, New York
Providence Electric Blue Printing Co., 86 Weybosset, Providence, R. I.

BLUE & BLACK PRINTS & PAPERS—continued

Revolute Mach. Co., 417 E 93d, New York
Rexim Co. (Blacklined Reproduction Process), 908 Chestnut, Phila., Pa.
Rochester Blue Printing Co., Rochester, N. Y.
Robbins Chas. H., Jr., 125 S 11th, Phila., Pa.
Rogers & Co., 521 Marquette av, Minneapolis, Minn.
Shaw Blue Print Machine Co., 11 Campbell, Newark, N. J.
Smith G. W., 915 Arch, Philadelphia, Pa.
Spaulding Moss Co., 44 Federal, Boston, Mass.
Storey H. H. & Co., 329 Walnut, Phila., Pa.
Taws Henry M., 920 Arch, Phila., Pa.
Technical Supply Co. ("Tec"), Scranton, Pa.
Toerring C. J. Co., 2121 Toronto, Phila., Pa.
United States Blue Print Paper Co., 327 S La Salle, Chicago, Ill.
Wagenhorst J. H. & Co., Youngstown, O.
WEBER F. & CO., 1125 Chestnut, Phila., Pa.; also St. Louis, Mo., & Baltimore, Md. *See adv index at end of book*
Weil J. H. & Co., 1300 Arch, Phila., Pa.
Western Blue Print Co., Gumbel bldg, Kansas City, Mo.
Williams, Brown & Earle, 918 Chestnut, Phila., Pa.

Bluestone

See Copper Sulphate

963a— *Blue Vitriol)

C. P. N. CHEMICAL CO., INC., 78 Reade, New York, & 231 W Huron, Chicago, Ill.

964— Boards (Binders')

See also Box Board Mfrs.

Albey Bros., Newark, N. J.
American Straw Board Co., B'way & 42d, New York
Boehme & Rauch Co., Monroe, Mich.
Brookside Paper Co., S Manchester, Conn.
Case & Risley Press Paper Co., Oneco, Conn.
Davey E. H. Co., Bloomfield, N. J.
Davey W. O., & Sons, 174 Laidlaw av, Jersey City, N. J.
Fandango Mills, Millburn, N. J.
Foulds William Co., Manchester, Conn.
Hartford Board Co., Hartford, Conn.
Haverhill Box Board Co., Haverhill, Mass.
HEWITT C. B. & BROS., 49 Beekman, New York *See adv index at end of book*
Hults Ellsworth H., Jr., 27 N 6th, Phila., Pa.
Ingalls & Co. (Mill), Castleton, N. Y.
Kerr Paper Mill Co., E Downington, Pa.
La Boiteaux, C. L. Co., 1st Nat'l Bk. bldg, Cincinnati, O.
Merion Paper Co., 2447 Locust, Phila, Pa.
Muir James A., Morristown, N. J.
Naubuc Paper Co., Glastonbury, Conn.
Norton C. H., N Westchester, Conn.
Otter River Board Co., Otter River, Mass.
Palmer Willis B., Doe Run, Pa.
Perkiomen Paper Co., Pennsburg, Pa.
Riverside Paper Mfg. Co., The, Glastonbury, Conn.
Seeley Paper Mills Co., Scotch Plains, N. J.
South Coventry Paper Co., South Coventry, Conn.
Tonawanda Board & Paper Co., Tonawanda, N. Y.
United Paperboard Co., 171 Madison av, New York
Wasuc Mills Co., S Glastonbury, Conn.
Westport Paper Co., Westport, Conn.

Boards (Box)

See Box Board Mfrs.

965—Boards (Bread, Pastry, Etc.)

American Bread & Pastry Board Co., Cambridge, O.
Cassady Fairbanks Mfg. Co., 6126 S La Salle, Chicago, Ill.
Clark J. R. Co., 2nd av N & Aldrich av, Minneapolis, Minn.
Empire Co., North Girard, Pa.
Estes E. B. & Sons (Bread), 364 5th av, New York. *See adv index at end of book*
Fox Geo. S., 137 N 6th, Phila., Pa.
Peirce W. E. & Co., Milford, N. H.
Specialty Mfg. Co., Titusville, Pa.
Stokes Wm. A. & Co., 50 Howard, New York
Union Mfg. Co., Cambridge, O.

966— Boards (Buggy)

Boehme & Rauch Co., Monroe, Mich.
Hults E. H., Jr., 27 N 6th, Phila., Pa.
Ingalls & Co. (Mill), Castleton, N. Y.
Mac-Sim-Bar Paper Co., Otsego, Mich.
Monroe Binder Board Co., Monroe, Mich.
Tonawanda Board & Paper Co., Tonawanda, N. Y.
United Paperboard Co., 171 Madison av., New York

Boards (Builders)

See Wall Boards

967— Boards (Bulletin)

See Bulletin Boards

967a— *Boards (Cake)

Estes E. B. & Sons, 364 Fifth av, New York *See adv index at end of book*

968— Boards (Clip & File)

American Mfg. Concern (With or Without Fixtures), Falconer, N. Y.

969— Boards (Cloth)

Bridge's A. D. Sons, Hazardville, Conn.
Cady Geo. L. & Sons, Lowell, Mass.
Case Bros., Highland Park, Conn.
Chaffee Bros. Co., Oxford, Mass.
Darling C. P. Co., 415 Charles, Providence, R. I.
HEWITT C. B. & BROS., 49 Beekman, New York. *See adv index at end of book*
Lawrence Lumber Co., Lawrence, Mass.
Lowry Robt. C. & Co., 23 Beaver, New York
Marston Rake Co., Lebanon, N. H.
Nashua Spool & Bobbin Co. (Wood & Pulp), Grove Hall Station, Boston, Mass.
Pingree D. W. Co., Lawrence, Mass.
Providence Box & Lumber Co., 1102 Cranston, Providence, R. I.
Shryock J. K., 301 N 2d, Phila., Pa.
Thompson Jas. A., Lowell, Mass.
Tonawanda Board & Paper Co., Tonawanda, N. Y.

970— Boards (Cutting)

New York Wood Working Corp., 502 E 19th, New York
Tolhurst Machine Works (For Shirt, Neckwear, Corset & Collar Factories, etc), Troy, N. Y.

971— Boards (Drawing)

Economy Drawing Table Co., Emmert, Adrian, Mich.
Keuffel & Esser Co., Hoboken, N. J.
Rowe Henry Mfg. Co., Newaygo, Mich.

Hendricks' Commercial Register

is not a Catalog of Advertisers alone, but a Complete Register of the manufacturers and jobbers in every line of trade that comes within the scope of the work.

972— Boards (Fibre)

Continental Fibre Co. ("Bakelite-Dilecto"), Newark Centre, Del.
Danvers Leather Co., 161 Devonshire, Boston, Mass.
Ft. Wayne Corrugated Paper Co., Hartford, Ind.
HEWITT C. B. & BROS., 49 Beekman, New York. *See adv index at end of book*

C. B. HEWITT & BROS., Inc.
49 BEEKMAN ST., NEW YORK
Manufacturers, Importers and Dealers

Paper Pattern Papers, Detail and Tracing Papers, Flexible Papers for Leather Work, Backing Paper, Card Middles, Jute and Rope Manillas, Building and Roofing Papers, Wrapping Papers, Special Papers made to order.

Boards Binders Boards, Trunk and Case Boards, Friction Boards, Leather Boards, Fibre Boards, News and Press Boards, Box Boards, Straw Boards (Air and Steam Dried). A.B.C. Pattern Boards a specialty.

Glues Foreign and Domestic, Hide and Bone Glues, Sheet, Broken and Ground, for Cabinet and Piano Work (joint and veneer), Paper Making, Straw Hat and Fabric and Kalsomine Sizing, Bindery, Furniture and Box Makers' Glues.

Gelatines Capsule Manufacturers, Pharmaceutical Preparation Makers, Confectioners, Jelly and Preserve Manufacturers, etc.

Lee Fibre Co., Wadleys Falls, N. H.
National Fibre Board Co., 121 Beach, Boston, Mass.
Nat'l Fibre & Insulation Co., Yorklyn, Del.
Pantasote Co. ("Homasote," "Vehisote," & "Agasote"), 11 B'way, New York
Spaulding J. & Sons Co., N Rochester, N. H. *See adv index at end of book*
Stowe J. D. & Sons, Scitico, Conn.
United Paperboard Co., 171 Madison av, New York
Upson Co., Lockport, N. Y.
Wasuc Mills Co., South Glastonbury, Conn.

973— Boards (Friction)

Davey E. H. Co., Bloomfield, N. J.
Davey W. O. & Sons, 174 Laidlaw av, Jersey City, N. J.
HEWITT C. B. & BROS., 49 Beekman, New York. *See adv index at end of book*
Ingalls & Co. (Mill), Castleton, N. Y.
Leo James Co., 251 Varick, Jersey City, N. J.
Manhattan Straw Board Co., B'way & 42d, New York
Seeley Paper Mills Co., Scotch Plains, N. J.
Spaulding J. & Sons Co., N Rochester, N. H.
Stratford Geo. Oakum Co., Cornelison av, Jersey City, N. J.
Wasuc Mills Co., S Glastonbury, Conn.

973a— *Boards (Game)

Estes E. B. & Sons (Wooden), 364 5th av, New York *See adv index at end of book*

974— *Boards (Gauge)

SCHAEFFER & BUDENBERG MFG. CO. (Marble, Slate, Hardwood, Metal), Berry & S 5th, Brooklyn, N. Y. *See adv index at end of book*

975— Boards (Glass Cutting)

Lufkin Rule Co., Saginaw, Mich.

976— Boards (Hanger)

Brady Electric Mfg. Co. (Arc Lamp), New Britain, Conn.
Cutter Geo. Co., South Bend, Ind.
Fort Wayne Electric Works of General Electric Co., Fort Wayne, Ind.
GENERAL ELECTRIC CO. (Arc Lamp), Schenectady, N. Y.
See adv index at end of book
Lundin Electric & Machine Co. ("Arc Lamp" with absolute cut-out), 10 Thatcher, Boston, Mass.
Paiste H. T. Co. (Fusible), 3201 Arch, Phila., Pa.
Perkins Electric Switch Mfg. Co., Bridgeport, Conn.

976a— Boards (Hosiery)

See Hosiery Boards

977—*Boards (Insulating Press)

HEWITT C. B. & BROS., 49 Beekman, New York. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

978— Boards (Ironing)

Acme Mfg. Co. ("Acme," Plain & Shirt & Sleeve), 1806 East, Pittsburgh, Pa.
Austell Swing & Ladder Co., Austell, Ga.
Berg John & Bro. (Folding), 5001 5th av, Chicago, Ill.
Brook Novelty Co., Brook, Ind.
Bryant Jno. T., Springfield, O.
Cardington Cabinet Co., Cardington, O.
Chicago Curtain Stretcher Co. ("Sun," "Star," "Crescent"), 3725 Wall, Chicago, Ill.
Christman A. G. Co. ("Royal"), Reading, Pa.
Clark J. R. & Co. 2nd av N & Aldrich av, Minneapolis, Minn.
Cupples Samuel Woodenware Co., 7th & Spruce, St. Louis, Mo.
Davis John B. (Plain & Shirt), Clinton, Me.
Dillingham Mfg. Co. (Folding), Sheboygan, Wis.
Eclipse Co. ("Eclipse," "Eureka," Sleeve, etc), North Girard, Pa.
Eisenmann S. J. ("Avon"), 369 B'way, New York
Ely T. J. Mfg. Co. ("Ely's Dandy," also Sleeve), Erie, Pa.
Forsyth Wm. & Sons Co., West Lynn, Mass.
Fox Geo. S., 137 N 6th, Phila., Pa.
Hammond J. T. & Son, 4534 Hedge, Phila., Pa.
Holmquist & Co. ("Home Kissed," Bosom, Shirt, Sleeve, etc), W 35th & S Maplewood av, Chicago, Ill.
Milford Mfg. Co. ("Perfection," Reversible Sleeve & Bosom & Collapsible Sleeve), Mansfield, O.
Modern Mfg. Co., Hagerstown, Md.
Moulton C. W. H. Co., Somerville, Mass.
Mueller H. G. Lumber & Mfg. Co., Sheboygan, Wis.
National Woodenware Co., Ltd., Grand Rapids, Mich.
Oregon Woodenware Mfg. Co. ("Springer" Folding), Portland, Ore.
Queen Mfg. Co., 313 S Clinton, Chicago, Ill.
Rogers Paper Mfg. Co., So. Manchester, Conn.
Specialty Mfg. Co., Titusville, Pa.
Standard Mfg. Co., Cambridge City, Ind.
Steinfeld Bros. ("Steinfeld," also Shirt), 116 W 32nd, New York
Stokes Wm. A. & Co., 50 Howard, New York
Tyrone Ironing Board Co. ("McKinney," Reversible Sleeve & Bosom), Tyrone, Pa.
Udell Works ("Udell"), Indianapolis, Ind.
Vanishing Table Ironing Cabinet Co., Phelan bldg, San Francisco, Cal.
Young Bros. Co., Worcester, Mass.

979— Boards (Jute)

See also Box Board Mfrs

Auglaize Box Board Co., St. Marys, O.
Fort Wayne Corrugated Paper Co., Hartford City, Ind.
Franklin Board & Paper Co., Franklin, O.
Gardner-Harvey Paper Co. (Plain or Oak Grain), Middletown, O.
Harvey Paper Co., Wellsburg, W. Va.
La Boiteaux, C. L. Co., 1st Nat'l Bk. bldg, Cincinnati, O.
Lewis J. P. Co., Beaver Falls, N. Y.
Mac-Sim-Bar Paper Co., Otsego, Mich.
Marion Paper Co. (Plain or Grained), Marion, Ind.
Ohio Box Board Co., 1390 E 30th, Cleveland, O.
Richardson Paper Co., Lockland, O.
Rockford Paper Box Board Co., Rockford, Ill.
Tonawanda Board & Paper Co. (Solid & Filled), Tonawanda, N. Y.
United Paper Board Co., 171 Madison av, New York

980— Boards (Leather)

Case Board Co., Andover, Conn.
Cushman & Rankin Co., Bath, N. H.
Danvers Leather Co., 161 Devonshire, Boston, Mass.
Davis Paper Co., Contoocook, N. H.
Endicott-Johnson & Co., Lestershire, N. Y.
Foulds Wm. Co., Manchester, Conn.
HEWITT, C. B. & BROS., 49 Beekman, New York. *See adv index at end of book*
Ingalls & Co. (Mill), Castleton, N. Y.
Jenkins Geo. O., Whitman, Mass.
Kerr Paper Mill Co., East Downington, Pa.
Lancaster Leather Co., Lancaster, O.
Lee Fibre Co., Wadleys Falls, N. H.
Milton Leather Board Co., Milton, N. H.
Muir James A., Morristown, N. J.
National Fibre Board Co., 121 Beach, Boston, Mass.
Naubuc Paper Co., Glastonbury, Conn.
Nichols N. J. Co., South Coventry, Conn.
Passumpsic Fibre Leather Co., Passumpsic, Vt.
Pierce Bros., St. Johnsbury Center, Vt.
Rogers Paper Mfg. Co., So Manchester, Conn.
Sherman & Co., Belfast, Me.

981— Boards (Mat)

Bainbridge's Chas. T. Sons, 2 Cumberland, Brooklyn, N. Y.
Case A. Williard Co., Manchester, Conn.
Chicago Mat Board Co., 664 Washington blvd, Chicago, Ill.
National Card Mat & Board Co., 218 W Superior, Chicago, Ill.
South Coventry Paper Co., South Coventry, Conn.
Spaulding J. & Sons Co., North Rochester, N. H. *See adv index at end of book*
Stowe J. D. & Sons, Scitico, Conn.
Wasuc Mills Co., South Glastonbury, Conn.
Westport Paper Co., Westport, Conn.

982— Boards (News)

HEWITT, C. B. & BROS., 49 Beekman, New York. *See adv index at end of book*
McEwan Bros., Whippany, N. J.
Tonawanda Board & Paper Co. (Solid & Filled), Tonawanda, N. Y.
Westport Paper Co., Westport, Conn.

Boards (Panel, Etc.)

See Switchboards, Light & Power

983— Boards (Pattern)

See also Boards, Binders'; also Lumber, Templet

Boehme & Rauch Co. (Paper Board), Monroe, Mich.
HEWITT C. B. & BROS. ("A. B. C."), 49 Beekman, New York
See adv index at end of book
Monroe Binder Board Co., Monroe, Mich.

983a— *Boards (Peg)

ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*

984—Boards (Printers' Engraving)

Setter Bros. Co., Cattaraugus, N. Y.

984a— *Boards (Punch)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

985—Boards (Shoveling & End Gate)

Beggs Wagon Co. ("Acme"), Kansas City, Mo.
Bristol & Gale Co. ("Lakeside"), 158 Carroll av, Chicago, Ill.
Clippinger A. B. & Son Mfg. Co. ("A. B. C."), Kansas City, Kan.
Cooper A. A. Wagon & Buggy Co., Dubuque, Ia.
Dain Mfg. Co., Ottumwa, Ia.
Dakota Plow & Wagon Co., Sioux Falls, S. D.
Dectaur Mfg. Co., Decatur, Ill.
Ernsdorff John Iron Co., Dubuque, Ia.
Fleming & Sons Mfg. Co., Huntsville, Mo.
Hayes Pump & Planter Co. ("B. B.," "Boss," "Perkins," "Ruby"), Galva, Ill.
Hunt, Helm Ferris & Co. ("Star"), Harvard, Ill.
Klondike Incubator Co. ("Wilde"), Des Moines, Ia.
Knapheide Henry Wagon Co. ("Korn King"), Quincy, Ill.
Litchfield Mfg. Co. ("Grain King"), Waterloo, Ia.
Mandt Wagon Co., Stoughton, Wis.
Nagley Mfg. Co. ("The Sampson"), Lyons, N. Y.
Peoria Drill & Seeder Co. ("Big Four," "Great Northern," "H. & A." "It's a Corker," "Luthe," "Midland," "O-K," "Valley City"), Peoria, Ill.
Standard Mfg. Co., Council Bluffs, Ia.
Stoughton Wagon Co., Stoughton, Wis.
Sturgis W. B. & Sons ("New Western"), Shelbyville, Ill.
True Mfg. Co. ("New Western"), Eaton Rapids, Mich.
Turnbull Wagon Co., Defiance, O.

986— Boards (Sounding)

Breckwoldt J. & Co., Dolgeville, N. Y.
Posey Mfg. Co., Hoquiam, Wash.

986a— *Boards (Starch)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

987— Boards (Stencil)

Matthews James H. & Co. (& Supplies), 3942 Forbes, Pittsburgh, Pa.
UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland, O, & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
United Paperboard Co. (Unoiled), 171 Madison av, New York

Boards (Straw)

See Straw Board Mfrs.

988— Boards (Tar)

HEWITT, C. B. & BROS., 49 Beekman, New York. *See adv index at end of book*

Boards (Templet)

See Boards, Pattern; also Lumber, Templet

989— Boards (Trunk)

HEWITT C. B. & BROS., 49 Beekman, New York. *See adv index at end of book*
Hults Ellsworth H., Jr., 27 N 6th, Phila., Pa.
Norton Clarence H., North Westchester, Conn.
Perkiomen Paper Co., Pennsburg, Pa.
Tonawanda Board & Paper Co., Tonawanda, N. Y.
Westport Paper Co., Westport, Conn.

989a— Boat Boards

Roper J. L. Lumber Co., Norfolk, Va.

990— Boats (Cat)

American Boat Co., Detroit, Mich.
Crosby D. & Son, Osterville, Mass.
Crosby Wilton, Osterville, Mass.
Hansen A., ft 58th, Brooklyn, N. Y.

Boats (Collapsible)

See Boats & Rafts, Life

990a *Boats (Combustion)

Ohio Pottery Co. (Porcelain), Zanesville, O.
See adv index at end of book

991— Boats (Flying)

Burgess Co., Marblehead, Mass.
Christofferson Aircraft Mfg. Co., 57 Post, San Francisco, Cal.
Curtis Aeroplane & Motor Corp., 1912 Elmwood, Buffalo, N. Y.

992— Boats (Folding)

Acme Folding Boat Co., Miamisburg, O.
King Folding Canvas Boat Co., Kalamazoo, Mich.

993— Boats (Knocked-Down)

Brooks Mfg. Co., Saginaw, Mich.
Marine Iron Works, 2036 Dominick, Chicago, Ill.
Neumeister Fred P. & Co., Rockford, Ill.
Niagara Motor Boat Co., North Tonawanda, N. Y.
Pioneer Boat & Pattern Co., Bay City, Mich.
Racine Boat Co., Racine, Wis.
St. Louis Boat & Engine Co., St. Louis, Mo.
Supple Joseph, Portland, Ore.

Boats (Motor)

See Motor Boat, Launch & Yacht Builders

994— Boats (Steel)

See also Motor Boat, Launch & Yacht Builders

CHICAGO BRIDGE & IRON WORKS, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book
Dubuque Boat & Boiler Works, Dubuque, Ia.
Ferguson Steel & Iron Co., Buffalo, N. Y.
Michigan Steel Boat Co., Detroit, Mich.
Mullins W. H. Co., (Boats, Launches, etc), 341 Franklin, Salem, O.
New York Shipbuilding Co., Camden, N. J.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Racine Boat Co., Racine, Wis.
Rippley Mfg. & Steel Boat Co., Grafton, Ill.
Welin Marine Equipment Co. (Also Wooden Boats), 305 Vernon av, Long Island City, N. Y.

995— Boats (Stone)

Belcher & Taylor Agricultural Tool Co. (& Fronts), Chicopee Falls, Mass.
Dickinson Rack Co., Stockbridge, Mich.
Dutton E. Q. & Co. (& Fronts), Cato, N. Y.
Eddy W. Plow Co. (& Fronts), Greenwich, N. Y.
Patterson Mfg. Co., Holly, Mich.

996— Boats (Tow or Tug)

American Tug Boat Co., Everette, Wash.
Atlantic Works, 80 Border, East Boston, Mass.
Conwoy Towboat Co., Covington, Ky.
Cowles Shipyard Co., Buffalo, N. Y.
Harlan & Hollingsworth Corp., Wilmington, Del.
Lake Erie Drydock & Mill Co., Sandusky, O.
Lake Shipbuilding Co., Buffalo, N. Y.
Lockwood Mfg. Co., 65 Sumner, E Boston, Mass.
Noecker & Ake Shipbuilding Co., Camden, N. J.
Pusey & Jones Co., ft of Poplar, Wilmington, Del.
Racine Boat Co., Racine, Wis.
Rees James & Sons Co., 18 4th, Pittsburgh, Pa.

997-8-9—Boats & Rafts (Life)

American Ship Building Co., Ft. of W 54th, Cleveland, O.
Astoria Boat Wks & Marine Equipment Co., Inc., Astoria, L. I., N. Y.
Detroit Shipbuilding Co. ("Kirby" Metallic "Clark's" Metallic), Brass Dept, Detroit, Mich.
Drein Thos. & Son Co. (Metallic), Townsend & A, Wilmington, Del.
Galbraith C. C. & Son, 49 West, New York
Kahnweiler's David Sons (Metallic & Wooden), 260 Front, New York
Lane C. M. Life Boat Co. (Metallic & Wooden; also "Englehardt" Collapsible), 250 Huron, Brooklyn, N. Y.
Munn Thos. C. Co., Wilmington, Del.
New York Shipbuilding Co., Camden, N. J.
Racine Boat Co., Racine, Wis.
Welin Marine Equipment Co. ("A. B. C." Metallic Self-Bailing & Self-Righting Collapsible; also Wood Boats), 305 Vernon av, Long Island City, N. Y.

1000—Bodies (Automobile, Metal)

Abresch Chas. Co., 398 4th, Milwaukee, Wis.
Amesbury Metal Body Co., Amesbury, Mass.
Archer Iron Works (Steel Truck), 2436 W 34th pl, Chicago, Ill.
Armstrong M. Co., 433 Chapel, New Haven, Conn.
Auto Body Co., Lansing, Mich.
Auto Sheet Metal Wks, 2301 S Wabash, Chicago, Ill.
A-Z Co., 527 W 56th, New York
Biddle & Smart Co., Amesbury, Mass.
Briggs' Mfg. Co., Cleveland, O.
Briggs Carriage Co., Cedar, Amesbury, Mass.
Brunn & Co., 988 Ellicott, Buffalo, N. Y.
Budd Edward G. Mfg. Co. (Pressed Steel), 25th & Hunting Park av, Phila., Pa.
Butler Mfg. Co. (Truck Steel), 900 6th av, S E, Minneapolis, Minn.
Clark Body Co. Water, Amesbury, Mass.
Collins R. N. Vehicle Woodwork Co., 3900 Chouteau av, St. Louis, Mo.
Columbian Steel Tank Co., New England bldg, Kansas City, Mo.
Currier, Cameron Co., Amesbury, Mass.
Dayton Body Co., Dayton, O.
Farnham & Nelson Co., 47 Union av, Jamaica pl, Boston, Mass.
Fisher Body Corp., Oakland & Piquette, Detroit, Mich.
Fitzgibbon & Crisp, Trenton, N. J.
Fleetwood Metal Body Co., Fleetwood, Pa.
Hale & Kilburn Co., 18th & Lehigh av, Phila., Pa.
Hayes-Ionia Co., Ionia, Mich.
Hayes Mfg. Co., Detroit, Mich.
Holbrook Co., West End & 67th, New York
Holcker-Elberg Mfg. Co., N E cor 16th & McGee, Kansas City, Mo.
Hollander & Morrill, Amesbury, Mass.
Hoover Wagon Co., York, Pa.
Howarth & Rogers Co., Amesbury, Mass.
Judkins J. B. Co., Merrimac, Mass.
Keystone Vehicle Co., Reading, Pa.
Kimball C. P. & Co., 3900 S Michigan av, Chicago, Ill.
Lane Thos. W., Amesbury, Mass.
Lang Body Co., W. 106th, Cleveland, O.
Lawrence L. & Co. (Aluminum), 292 Halsey, Newark, N. J.
Leitch J. N. Co. (Aluminum & Steel), Amesbury, Mass.
Littleford Bros. (Steel Truck), 444 E Pearl, Cincinnati, O.
Marrin W. F. Co., Newark, N. Y.
Martin Carriage Wks (Pleasure & Commercial), York, Pa.
Meister A. & Sons Co., Sacramento, Calif.
Miller A. J. & Co., Bellefontaine, O.
Miller Brothers (Aluminum), Amesbury, Mass.
Monroe Body Co., Pontiac, Mich.
Motor Truck Body Co., Central & Wabash R. R., Detroit, Mich.
Mount J. W. Co., Maple av, Red Bank, N. J.
Mulholland Co., Dunkirk, N. Y.
Mullins W. H. Co., 341 Franklin, Salem, O.
New Haven Carriage Co., Water & Franklin, New Haven, Conn.
Niagara Auto Radiator Co., 151 W 68th, New York
Pirsch, Peter & Co., Kenosha, Wis.
Portland Body Works, Portland, Ind.
Pullman Automatic Ventilator Mfg. Co., York, Pa.
Quinby J. M. & Co. (Aluminum), 27 Division, Newark, N. J.
Racine Mfg. Co., Racine, Wis.
Schubert August Wagon Co., Oneida, N. Y.
Shields Carriage Co., Amesbury, Mass.
Sidney Mfg. Co., Sidney, O.
Solar Metal Products Co., Columbus, O.
South Bend Spring Wagon & Carriage Co., South Bend, Ind.
Springfield Body Co. (Brightwood), Springfield, Mass.
Sterling Top & Equipment Co., 518 W 57th, New York
Stewart W. F. Co., Flint, Mich.
Stover Steel Tank Co., Freeport, Ill.
Thompson E. J. Co., Forbes Field, Pittsburgh, Pa.
Troy Mfg. Co., Troy, O.
Union City Body Co., Union City, Ind.
U. S. Aluminum Co. (Aluminum), Oliver bldg, Pittsburgh, Pa.
Wadsworth Mfg. Co., Kercheval & Conners Creek, Detroit, Mich.
Walker Alfred J. & Co., 223 W 66th, New York
Walker Wells Co., Amesbury, Mass.
Werner Geo. & Son, Buffalo, N. Y.
Willoughby Co., Utica, N. Y.
Wilson C. R. Body Co., Clay av & D. G. H. & M R. R., Detroit, Mich.
York Carriage Co., York, Pa.
York Wagon Gear Co., York, Pa.

1001—Bodies (Automobile, Wood)

Abresch Chas. Co., 398 4th, Milwaukee, Wis.
Alliance Mfg. Co., Streator, Ill.
American Body Co., 1257 Niagara, Buffalo, N. Y.
Ames F. A. Co., Owensboro, Ky.
Armstrong-Johnston Mfg. Co. (Auto Truck Bodies), Columbus, O.
Armstrong M. Co., 433 Chapel, New Haven, Conn.
Auburn Mfg. Co., Auburn, Ind.
Auto Body Co., Lansing, Mich.
Auto Remodelling Co., 1505 S Michigan av, Chicago, Ill.
Babcock H. H. Co. (Commercial), Watertown, N. Y.
Badger Auto Body Co., 3009 Lisbon av, Milwaukee, Wis.
Bailly & Bowne, Utica, N. Y.
Barnett Auto Body Co., 425 Golden Gate, San Francisco, Calif.
Bateman J. Paul Co., Bridgeton, N. J.
Beaudett O. J. Co., Pontiac, Mich.
Biehl's Carriage & Wagon Works, Reading, Pa.
Blaser Auto Body Co., Fostoria, O.
Blue Ribbon Auto & Carriage Co., 1720 Fairfield av, Bridgeport, Conn.
Bollwerk H. & Bro., St. Louis, Mo.
Borbein Auto Co., 2109 N 9th, St. Louis, Mo.
Borcher's Carriage & Auto Co., Dayton, O.
Bowman Carriage Co., Sacramento, Cal.
Bridgeport Body Co., 363 Fairfield av, Bridgeport, Conn.
Briggs Carriage Co., Amesbury, Mass.
Briggs Mfg. Co., Cleveland, O.
Brill J. G. Co., 62d & Woodland, Phila., Pa.
Brownell & Burt, 10 Washington, Taunton, Mass.
Brunn & Co., 988 Ellicott, Buffalo, N. Y.
Buob & Scheu, 216 Webster, Cincinnati, O.
Central Auto Body Co., 15 Orchard, Hartford, Conn.
Central Mfg. Co., Connersville, Ind.
Champion Wagon Co., Oswego, N. Y.
Charlotte Wagon & Auto Co., Charlotte, N. C.
Chicago Auto Equipment Co., 810 W Jackson blvd, Chicago, Ill.
Cincinnati Panel Co., 1938 W 8th, Cincinnati, O.
Collins G. A. & Son, Akron, O.
Columbia Wagon Co. (Commercial), Columbia, Pa.
Commercial Auto Body & Mfg. Co., 5345 St. Clair, Cleveland, O.
Currier-Cameron Co., 85 Elm, Amesbury, Mass.
Dann Bros. & Co., New Haven, Conn.
Dayton Body Co., Dayton, O.
Detroit Carriage Goods Co., Detroit, Mich.
Dunbar Automobile Body Co., 37th & Filbert, Phila., Pa.
Erdman-Guider Co., 2290 Woodward av, Detroit, Mich.
Etzel M. & Sons, Inc., 101 Fairmount av, New Haven, Conn.
Federal Body Co. of N. Y., 250 W 54th, New York
Fisher Body Corp., Oakland & Piquette, Detroit, Mich.
Fitzgibbon & Crisp, Trenton, N. J.
Frazier W. S. & Co., Aurora, Ill.
Gregg Wm. D. & Rogers Co., 1926 Arch, Phila., Pa.
Harrison Robert Co., 330 W 1st, So Boston, Mass.
Hayes & Miller Co., 518 W 57, New York
Highland Body Mfg. Co. (Bodies & Seats for Motor Trucks), Center Hill av, & C. H. & D. R. R., Elmwood, Cincinnati, O.
Hill Mfg. Co., 27 Fuller, Buffalo, N. Y.
Hoffmann Wm., 51 3d, Milwaukee, Wis.
Holcomb Co., New Haven, Conn.
Hollander & Morrill, Amesbury, Mass.
Hoover Wagon Co., York, Pa.
Howarth & Rogers Co., Amesbury, Mass.
Hughes Wm. J. & Son, 2518 Michigan av, Chicago, Ill.
Jewett Geo. H. Co., Worcester, Mass.
Johnson & Hibbard (Commercial), Westfield, Mass.
Jones & Co., Syracuse, N. Y.
Kidney Jas. Co., 429 E 2d, Cincinnati, O.

Kimball C. P. & Co., 3900 S Michigan av, Chicago, Ill.
Kundtz Theodore Co., Winslow & Elm, Cleveland, O.
Lane Thos. W., Amesbury, Mass.
Lee Loader & Body Co. (Commercial), 2343 So La Salle, Chicago, Ill.
Leitch J. N. Co., Amesbury, Mass.
Limousine-Carriage Mfg. Co., 3515 S Michigan av, Chicago, Ill.
Lowry Top & Body Co., 1211 Vine, Phila., Pa.
Mertz Co., 704 Woodland, Cleveland, O.
Milburn Wagon Co., Toledo, O.
Miller A. J. & Co., Bellefontaine, O.
Miller Brothers, Amesbury, Mass.
Monroe Body Co., Pontiac, Mich.
Motor Truck Body Co., Central & Wabash R. R., Detroit, Mich.
National Body & Top Corp., Buffalo, N. Y.
Neustadt Automobile & Supply Co., 3200 Locust, St. Louis, Mo.
New Haven Carriage Co., New Haven, Conn.
Press Jacob & Sons, 300 N Halsted, Chicago, Ill.
Racine Mfg. Co., Racine, Wis.
Roeder Fred Mfg. Co., 1396 Atlantic av, Brooklyn, N. Y.
Sargent & Ham Co., 26 Bowker, Boston, Mass.
Schmitz Geo. & Bro., 666 Genesee, Buffalo, N. Y.
Schukraft Wm. & Sons, 941 Fulton, Chicago, Ill.
Seaman W. S. Co., 480 Virginia, Milwaukee, Wis.
Shepard H. G. & Sons, New Haven, Conn.
Shields Carriage Co., Amesbury, Mass.
Sidney Mfg. Co., Sidney, O.
Springfield Body Co., Birnie av, Springfield, Mass.
Springfield Commercial Body Co., 310 Main, Springfield, Mass.
Stone C. & Sons, 1658 Ogden av, Chicago, Ill.
Syska Bros., 46 Bergen, Brooklyn, N. Y.
Tegetmeier & Riepe Co., 771 1st av, New York
Troy Mfg. Co., Troy, O.
Truck Engineering Co., B'way & E 71st, Cleveland, O.
Union City Body Co., Union City, Ind.
Walker Alfred J. & Co., 223 W 66th, New York
Walker & Werner, Peoria, Ill.
Wall R. C. Mfg. Co., 228 N 15th, Phila, Pa.
Weber M. Co., Dayton, O.
Wentworth Body Co., Boston, Mass.
Willoughby Co., Utica, N. Y.
Wilson C. R. Body Co., Clay av & D. G. H. & M. R. R., Detroit, Mich.
York Carriage Co., York, Pa.
York Wagon Gear Co., York, Pa.

1002—Bodies & Seats (Carriage & Wagon)

Ahr & Rost Co., Cincinnati, O.
Auburn Mfg. Co., Auburn, Ind.
Carriage Wood Stock Co., Owensboro, Ky.
Central Mfg. Co., Connersville, Ind.
Cincinnati Panel Co. (Buggy, Phaeton, Stanhope, etc), 1938 W 8th, Cincinnati, Ohio
Coopersburg Bending Works, Coopersburg, Pa.
Dann Bros. & Co., New Haven, Conn.
Excelsior Seat Co. (Buggy Seats), Fifth av & River rd, Columbus, O.
Fitch Gear Co., Rome, N. Y.
Gresham Mfg. Co., Griffin, Ga.
Haberer & Co., Gest & Summer, Cincinnati, O.
Highland Body Mfg. Co., Elmwood Place, O.
Holt Bros. Mfg. Co., Concord, N. H.
Leitch James N. Co., Amesbury, Mass.
Lowell Cutter Co., Lowell, Mich.
McCrillis J. B. & Son, Manchester, N. H.
Mifflinburg Body & Gear Co., Mifflinburg, Pa.
New I. D. Seat Co., Rohrerstown, Pa.
Newton W. H. & Son, Cortland, N. Y.
Ohio Seat Co. (Seats), 1964 Central av, Cincinnati, O.
Perkins Isaiah W., Lynn, Mass.
Prouty & Glass Carriage Co., Wayne, Mich.
Sidney Mfg. Co., Sidney, O.
Truck Engineering Co., B'way & E 71st, Cleveland, O.
Union City Body Co., Union City, Ind.
Willoughby Co., Utica, N. Y.
Wright Carriage Body Co., Moline, Ill.
York Wagon Gear Co., York, Pa.

Boiler Arches

See Brick, Boiler Arch & Setting

1003— Boiler Brace Mfrs.

Bethlehem Steel Co., So Bethlehem, Pa.
Castle A. M. & Co., 1300 N Branch, Chicago, Ill.
Central Iron & Steel Co., Harrisburg, Pa.
Lukens Steel Co., Coatesville, Pa.
Ryerson Jos. T. & Son ("McGregor"), 2558 W 16th, Chicago, Ill.
See adv index at end of book
Scully Steel & Iron Co. (Weldless), 2364 S Ashland av, Chicago, Ill.
Ulster Iron Works, Dover, N. J.

1003a—Boiler Casings (Steel)

WALSH & WEIDENER BOILER CO., Chattanooga, Tenn.
See adv index at end of book

Boiler Cleaners

See Cleaners, Boiler Flue & Tube

1004— Boiler Compounds

Aetna Boiler Compound Co., 6062 S La Salle, Chicago, Ill.
Albion Mfg. Co., Seattle, Wash.
American German Boiler Compound Co., 30 N. Dearborn, Chicago, Ill.
American Oil & Lubricant Works ("Brown"), Rochester, N. Y.
American Oil Refining Co., 2066 Milwaukee, Chicago, Ill.
Andrews Williams, Inc., 120 Liberty, New York
Arlington Mfg. Co. (Vegetable), Canton, O.
Arrow Boiler Compound Co. ("Arrow"), Roe bldg, St. Louis, Mo.
Belden A. G. & Co. ("Chrome"), 29 Burling slip, New York
Beltine Chemical & Mfg. Co., 401 N Sangamon, Chicago, Ill.
Binghamton Boiler Compound Co. ("Pyramid"), Binghamton, N. Y.
Bird-Archer Co. ("Bird-Archer"), 90 West, New York
Black Bear Co., 138 Temple, Long Island City, N. Y.
Boiler-Note Co. The, 343 S Dearborn, Chicago, Ill.
Brewer & Co. ("Perfection"), Worcester, Mass.
British-American Chemical Co. ("Brisam"), Paterson, N. J.
Buckeye Chemical Co., Chamber of Commerce, Detroit, Mich.
Champion Compound Co., Lehigh av & Mutter, Phila., Pa.
Champion Oil Co., 633 W 39th, Chicago, Ill.
Cherry Chemical Co. ("Red Seal"), 1018 Callowhill, Phila., Pa.
Chemical Mfg. Co., 62 W Madison, Chicago, Ill.
Chesterton A. W. Co. ("Challenge," "Vulite"), 64 India, Boston, Mass.
Chipman Chemical Engineering Co., Inc. ("Atlas E"), 95 Liberty, New York
Cleveland Mfg. & Supply Co. ("Cleveland"), Wade bldg, Cleveland, O.
Continental Chemical Co. ("C. C. C."), 119 S 4th, Phila., Pa.
Corliss Mfg. & Supply Co. ("C. C. C.") 1906 Olive, St. Louis, Mo.
Cortland Specialty Co. ("Banner"), Cortland, N. Y.
Crescent Oil & Supply Co., 303 Main, St. Louis, Mo.
Croscup I. O., 24 California, San Francisco, Cal.
Crown Mfg. Co., 5716 Euclid av, Cleveland, Ohio
Curry Bros. Oil Co., 253 Franklin, Boston, Mass.
Dearborn Chemical Co., 332 S Michigan av, Chicago, Ill.
Dehls & Stein, Inc., 239 South Newark, N. J.
Dixon Joseph Crucible Co., Jersey City, N. J.
Doermann-Roehrer Co. ("Do Ro"), 318 E 3rd, Cincinnati, Ohio
Dumond W. R., 39 South, New York
Duryea Mfg. Co. ("Solvol"), Bayonne, N. J.
Economy Boiler Compound Co., Flatiron bldg, New York
Favorite Boiler Compound Co., 8568 Vine av, Chicago, Ill.
Federal Graphite Mills ("Federal" Graphite), 2639 E 79th, Cleveland, O.
Gallaway G. W. ("Heichstadter's"), 322 Pearl, New York
Garratt-Callahan Co. ("Magic"), 30 Fremont, San Francisco, Cal.
German-Compound Co. ("German-Compound"), 20 N Market, Boston, Mass.
Globe Boiler Compound Co. ("Case"), **Binghamton, N. Y.**
Grasselli Chemical Co. (Tri-Sodium Phosphate), Guardian bldg, Cleveland, O.
Great Lakes Chemical Wks., Appleton, Wis.
Great Falses Chemical Co., Appleton, Wis.
Great Western Oil Co., 2846 E 37th, Cleveland, O.
Griffiths A. J. & Son, 3526 Gtn. av, Phila., Pa.
H. G. Chemical Products Co., Inc., 3778 E 91st, Cleveland, O.
Halsall Geo., Jamestown, N. Y.
Harris A. W. Oil Co., 326 S Water, Providence, R. I.
Hawk-Eye Compound Co., 140th & Seeley ave, Blue Island, Ill.
Hayner Norman C. Co., Rochester, N. Y.
Ideal Chemical Co., Indianapolis, Ind.
Illinois Boiler Cleaning Compound Co. ("Illinois"), 1338 N La Salle, Chicago, Ill.
Imperial Chemical Co., 514 N American, Phila., Pa.
Indianapolis Chemical Co. ("Acme," "Star"), 1444 Madison av, Indianapolis, Ind.
International Boiler Cleaning Co. ("Scaline"), 343 N Calvert, Baltimore, Md.
International Boiler Compound Co., 144 W Austin av, Chicago, Ill.
Ironsides Co. ("Ironsides" Scale Solvent Shield), Columbus, O.
Jewell Engineering Co. ("Jewell," Tablet Method), Monadnock blk, Chicago, Ill.
Johnson Compound & Supply Co., Rochester, N. Y.
Keasbey & Mattison Co., Ambler, Pa.
Kelly Graphite Mills ("Kelco" Boiler Graphite), 355 W 26th, New York
Kentucky Consumers' Oil Co., Louisville, Ky.
Keystone Chemical Co., 2222 N Marshall, Phila., Pa.
Keystone Lubricating Co. ("Keystone"), 21st & Lippincott, Phila., Pa.
Kuhne-Libby Co. ("Marvel"), 51 Front, New York
Lake Erie Mfg. Co. ("Red Star"), Buffalo, N. Y.
Lang Chemical Co., 307 Grant River av, Detroit, Mich.
Lewis H. Co. ("Climax"), 832 Washington blvd, Chicago, Ill.
Lord Geo. W. Co., 2238 N 9th, Phila., Pa.
Lord Henry Chemical Co. ("Lord's"), 1628 Moreland av, Baltimore, Md.
Lubricating Metal Co., 976 Newark av, Jersey City, N. J.
Lux L. A. Co., 2187 E 2d, Cleveland, O.
Lynch-Clarisey Co., 3211 S Wood, Chicago, Ill.
Lynch Wm., 32 Bay, Brooklyn, N. Y.
Metaline Chemical Co., 839 Society for Savings bldg, Cleveland, O.
Miami Boiler Compound Co., 505 Elm, Cincinnati, O.
Minnesota Boiler Compound Co., 248 Fairfield av, St. Paul, Minn.
Modoc Co., Fernwood, Pa.
Mahawk Refining Co. ("Mohawk"), 1131 W 11th, Cleveland, O.
Moore Vegetable Boiler Purger Co., 35 Bates, Detroit, Mich.
National Mill Supply Co. ("Star"), Fort Wayne, Ind.
Nebraska Compound & Oil Co., Omaha, Neb.
New Era Mfg. Co. ("New Era" Soluble Metal), Kalamazoo, Mich.
Northrop Lubricating Oil Co. ("Famous"), 308 N Commercial av, St. Louis, Mo.
Nuhring Chas. & Bro. ("Victor," "Success"), 1212 Walnut, Cincinnati, O.
O'Neil Oil & Paint Co. ("O'Neils"), S Water, Milwaukee, Wis.
Ozark Mfg. Co., 9861 Lorain av, Cleveland, O.
Parsons J. H. ("A. B. C." Alkali), 122 S Michigan av, Chicago, Ill.
Patapsco Oil & Grease Co. ("Perfection"), 109 Cheapside, Baltimore, Md.
Perolin Co. of America ("Perolin"), 1112 W 37th, Chicago, Ill.
Preservaline Mfg. Co., 854 Lorimer, Brooklyn N. Y.
Read Edward B., 212 9th, San Francisco, Cal.
Reed & Duecker, Memphis, Tenn.
Reliance Oil & Grease Co., 50 South, New York
Rhoads Irwin G., Manhattan bldg, Phila., Pa.

BOILER COMPOUNDS—continued

Riebe Green Soap Co., Seattle, Wash.
Rodgers-Collins Co. ("Arr-An-See"), Pontaic bldg, St. Louis, Mo.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortland, New York
See adv index at end of book
Scribner Boiler Compound Co., 315 N Wood, Chicago, Ill.
Shawmut Chemical Co., 42 Battery Canal, Boston, Mass.
Smith E. A. Hamilton, Ohio
Standard Chemical Corp. ("Protecto"), Kalamazoo, Mich.
Star Lubricating Oil Co. ("Excelsior"), 8714 B'way, Cleveland, O.
Star Oil Co. ("Acme"), 440 N Halsted, Chicago, Ill.
State Mfg. Co. ("Metla Cota"), 3545 E 76th, Cleveland, O.
Sterling Equipment & Supply Co., 315 Cherry, Phila., Pa.
Straus Boilerine Co. ("Boilerine"), 50 Church, New York
Street J. D. & Co. ("Lightning"), 809 N 2nd, St. Louis, Mo.
Stuart D. A. & Co., 29 S La Salle, Chicago, Ill.
Sullivan Oil Co. ("Sullivan's Economic"), 413 Wells, Chicago, Ill.
Sur-Coat Mfg. Co., 149 Jefferson av, Detroit, Mich.
Tegufilm Chemical Mfg. Co. ("Tegufilm"), Syracuse, N. Y.
Thompson Walter M., 1427 Plum, Cincinnati, O.
Thomsen Chemical Co. ("Bosalt"), Munsey bldg, Baltimore, Md.
Toledo Boiler Compound Co., 404 Clark, Toledo, O.
U. S. Chemical Co., 3621 Lakeside av, Cleveland, O.
U. S. Graphite Co. (Graphite), Saginaw, Mich.
Wadhams Oil Co., ("Eureka"), Nat'l Bk. bldg, Milwaukee, Wis.
Warley Thos. C. & Co., 227 S Front, Phila., Pa.
Warren & Bailey Mfg. Co. ("Acme"), 359 N Main, Los Angeles, Cal.
Western Boiler Compound & Chemical Co., Gloyd bldg, Kansas City, Mo.
Williams Joseph Co., Sharpsburg, Pa.
Williamson D. D. & Co., 86 Fulton, New York
Winn Wm. R. ("Winn"), 488 Cherry, New York
Winner Co. (Winner), 30 Church, New York
Wilson Remover Co., 115 Chestnut, Newark, N. J.
World Refining Co., Easton, Pa.
Young Boiler Compound Co., Castasauqua, Pa.
Zurn O. F. Co. ("Peerless"), Broad & Lehigh av, Phila., Pa.

1005— Boiler Dealers

See Machinery Dealers

1006—Boiler Flue Heads & Manholes (Dished, Flanged, Etc.)

Central Iron & Steel Co. (Open Hearth Flanged), Harrisburg, Pa.
Glasgow Iron Co. (Pressed Open Hearth Steel), Pottstown, Pa.
Lukens Steel Co. (Open Hearth Steel), Coatesville, Pa.
Munroe R. & Sons Mfg. Corp., 23rd & Smallman, Pittsburgh, Pa.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Scully Steel & Iron Co., 2364 S Ashland av, Chicago, Ill.
Wickes Boiler Co., Saginaw, Mich.
Midvale Steel & Ordnance Co., Widener bldg., Phila., Pa.

Boiler Flue & Tube Cleaners

See Cleaners, Boiler Flue & Tube

1007—Boiler Fronts & Castings

Beggs, James & Co., 30 Warren, New York
See adv index at end of book
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Cambridge Iron Works, Cambridge, Mass.
Casey-Hedges Co., Chattanooga, Tenn.
Chickasaw Mach. & Fdry. Co., Memphis, Tenn.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Coatesville Foundry & Machine Co., Coatesville, Pa.
Columbus Iron Works, Columbus, Ga.
Eddy R. M. Fdry. Co., 372 W Grand av, Chicago, Ill.
Erie Engine Works, Erie, Pa.
Farrar & Trefts, Inc., Buffalo, N. Y.
Freeman Mfg. Co., Dept O, Racine, Wis.
Frost Mfg. Co., Galesburg, Ill.
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
Grote F. Mfg. Co., Evansville, Ind.
Harrisburg Mfg. & Boiler Co., Harrisburg, Pa.
Hartley Boiler Works, Montgomery, Ala.
Howell R. R. & Co., 31st av, Minneapolis, Minn.
Ironton Punch & Shear Co., Ironton, O.
Janney & Co., Montgomery, Ala.
Johnston Bros., Ferrysburg, Mich.
Keeler E. Co., Williamsport, Pa.
Kelly Foundry & Machine Co., Goshen, Ind.
Kenny Boiler & Mfg. Co., 6th & Locust, St. Paul, Minn.
KUTZTOWN FOUNDRY & MACHINE CO. (For all Kinds of Boilers), 1421 Chestnut., Phila., Pa.
See adv index at end of book
Lookout Boiler Mfg. Co., Chattanooga, Tenn.
McNaull Boiler Mfg. Co., Toledo, O.
Memphis Machine Works, Memphis, Tenn.
Munroe R. & Sons Mfg. Corp'n, 23d & Smallman, Pittsburgh, Pa.
Murray Iron Works Co., Central av & Washington, Burlington, Ia.
Niver Iron Works Co., Muscatine, Ia.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Patch S. B. & Sons Co., Streator, Ill.
Paxton & Vierling Iron Works, Omaha, Neb.
Petty J. K. & Co. (Lebanon Boiler Works), Stephen Girard bldg, Phila., Pa. Works: Lebanon, Pa.
Republic Structional Iron Wks. Co. 1350 E 53d, Cleveland, O.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Scully Steel & Iron Co., 2364 S Ashland av, Chicago, Ill.
Southern Boiler & Tank Works, Memphis, Tenn.
Southern Engine & Boiler Works, Jackson, Tenn.
Thacher Geo. H. & Co., Albany, N. Y.
Toledo Foundry & Machine Co., Toledo, O.
Vulcan Iron Works, Wilkes-Barre, Pa.
Walsh & Weidner Boiler Co., Chattanooga, Tenn. *See adv index at end of book*
Wickes Boiler Co., Saginaw, Mich.

1008-9-10—Boiler Heads (Flanged & Dished)

See also Boiler Heads, Pressed Steel

CENTRAL IRON & STEEL CO. (Pressed Steel), Harrisburg, Pa.
Glasgow Iron Co. (Open Hearth Pressed Steel), Pottstown, Pa.
Keeler E. Co., Williamsport, Pa.
Kittoe Boiler & Tank Co. Inc., Canton, O.
Knox Pressed & Welded Steel Co., Pittsburgh, Pa.
Koven L. O. & Bro., 154 Ogden av. Jersey City, N. J. *See adv index at end of book*
Lukens Steel Co. (Open Hearth Steel), Coatesville, Pa.
Midvale Steel & Ordnance Co., Widener bldg, Phila., Pa.
Munroe R. & Sons Mfg. Corp., 23d & Smallman, Pittsburgh, Pa.
Riter-Conley Co., Pittsburgh, Pa.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Scully Steel & Iron Co., 2364 S Ashland av, Chicago, Ill.
Standard Boiler & Plate Iron Co. (Up to 96 in. Dia), Niles, O.
WALSH & WEIDNER BOILER CO., Chattanooga, Tenn.
See adv index at end of book
Walsh's Holyoke Steam Boiler Works, Holyoke, Mass.

1011—*Boiler Mountings (For Portable Boilers)

ELECTRIC WHEEL CO., Station D, Quincy, Ill. *See adv index at end of book*
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

1012—*Boiler Purifying Apparatus

SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

1013—Boiler Saddles (Pressed Steel)

Castle A. M. & Co., 1300 N Branch, Chicago, Ill.
Central Iron & Steel Co., Harrisburg, Pa.
Glasgow Iron Co., Pottstown, Pa.
Lukens Steel Co. ("Huston" Weldless), Coatesville, Pa.
Wickes Boiler Co., Saginaw, Mich.

1014—Boiler Settings (Steel)

Casey-Hedges Co., Chattanooga, Tenn. Tenn.
Lookout Boiler Mfg. Co., Chattanooga, Tenn.
Rust Engineering Co., Farmers Bk. bldg, Pittsburgh, Pa.
Southern Boiler & Tank Works Co., Memphis, Tenn.
Tomahawk Steel & Iron Works ("Ashley" Improved), Tomahawk, Wis.
WALSH & WEIDNER BOILER CO., Chattanooga, Tenn.
See adv index at end of book
Wickes Boiler Co., Saginaw, Mich.

1015—Boiler Shells (Automobile)

American Welding Co. (Seamless Welded), Carbondale, Pa.
PRESSED STEEL TANK CO. (Seamless Steel), 58th & Greenfield av, Milwaukee, Wis. *See adv index at end of book*
Randolph-Clowes Co. (Copper), Waterbury, Conn.

1016— Boiler Stands (Range)

Advance Mfg. Co., Erie, Pa.
Casey-Hedges Co., Chattanooga, Tenn.
Central Foundry Co. ("Murphy," "Universal" & "Lockwood"), 90 West, New York
Crestline Mfg. Co. (Cast Iron), Crestline, O.
Early Foundry Co. (Knock-Down), Dickson City, Pa.
Essex Foundry, Murray, Newark, N. J.
Fleck Bros. Co., 44 N 5th, Phila., Pa.
Gregory Thos. Galvanizing Works (Galvanized), 263 N Henry, Brooklyn, N. Y.
Haines, Jones & Cadbury Co. ("Hajoca"), 1136 Ridge av, Phila., Pa.
Hugo Mfg. Co. ("Hawks"), Duluth, Minn.
Kupferle John C. Foundry Co., 1st & Wright, St. Louis, Mo.
Lawler Regulator Co. (Adjustable), 55 W Houston, New York
Modern Iron Works ("M. I. W."), Quincy, Ill.
Swett A. L. Iron Works, Medina, N. Y.

1017--Boiler Washing & Testing Apparatus & Systems

Miller F. W. Heating Co., McCormick bldg, Chicago, Ill.
Nathan Mfg. Co., 416 E 106th, New York
National Boiler Washing Co., Ry Exch bldg, Chicago, Ill.
Rue Mfg. Co., 228 Cherry, Phila., Pa.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

1018— Boilers (Automobile)

Bigelow Co. (Fire Tube), New Haven, Conn.
Murray & Tregurtha Co. (Water Tube), 340 W 1st, Boston, Mass.
OTIS BOILER CO., INC. ("Otis"), 335 W 1st, Oswego, N. Y.
See adv index at end of book
Pressed Steel Tank Co. (Pressed Steel), 58th & Greenfield av, Milwaukee, Wis.

OTIS BOILER COMPANY

Boilers

AUTOMOBILE
CAR HEATING
GAS FIRED
STEAM
BOILERS FOR VAPORIZERS *and*
TRACTORS

Heaters

FUEL OIL
GAS
WATER AUTOMATIC
HEATING MACHINES
STEAM SUPPLIES
OIL STOVES *and* HEATERS

335 WEST FIRST STREET **OSWEGO, N. Y.**

SCAIFE WM. B. & SONS Co., First National Bank bldg., Pittsburgh, Pa. & 26 Cortlandt, New York
Steam Carriage Boiler Co. (Also for Yachts), Oswego, N. Y.

Boilers (Bath)

See Boilers, Range, Galvanized Iron

1019— Boilers (Bleaching)

BIGGS BOILER WORKS CO. (Rotary Globe & Cylinder), Case av & Williams, Akron, O.
See adv index at end of book
Walsh's Holyoke Steam Boiler Works, Holyoke, Mass.

1020— *Boilers (Car Heating)

Manitowoc Engineering Works, Manitowoc, Wis.
Otis Boiler Co., Inc., ("Otis"), 335 W 1st Oswego, N. Y.
See adv index at end of book

1020a— Boilers (Cornish)

GERDES & CO., 42 Church, New York
See adv index at end of book

1020b—Boilers (Down Draft)

American Radiator Co. ("Ideal," "Arco"), 820 S Michigan av, Chicago, Ill.
Gurney Heater Mfg. Co. ("Gurney"), 188 Franklin, Boston, Mass.
Harrisburg Mfg. & Boiler Co., Harrisburg, Pa.
Molby E. C., 101 Park av, New York
Peerless Heater Co., 7 Wood, Pittsburgh, Pa.
Surrell Down Draft Boiler Co., 101 Park av, New York

1021—Boilers (Egg, Automatic)

Berger & Hawden Mfg. Co., ("Baby Grand" Folding) Homestead, Pa.
Curtis, Espy & Co. 158 N Ashland blvd, Chicago, Ill.

1022— Boilers (Egg, Electric)

Presto Electrical Mfg. Co. ("Presto"), 323 Geary, San Francisco, Cal.

1023-4-5— Boilers (Farm)

Bovee Furnace Works ("Kaiser"), Waterloo, Ia.
Buch's A. Sons Co. ("Farmers' Friend"), Elizabethtown, Pa.
Donaldson Bros. ("Donaldson"), Mt. Clemens, Mich.
Eddy W. Plow Co. ("Eddy"), Greenwich, N. Y.
Freeland Steel Tank Co. ("Freeland"), Portage, Wis.
Gehl Bros. Mfg. Co. ("Gehl"), West Bend, Wis.
Heesen Bros. Co. ("Heesen"), Tecumseh, Mich.
Heller-Aller Co., Napoleon, O.
Holt Mfg. Co. ("Holt"), Stockton, Cal.
Leffel James & Co. ("Leffel"), 500 Lagonda, Springfield, O.
Moore Plow & Implement Co. ("Moore"), Greenville, Mich.
Sperry D. R. & Co. ("Sperry"), Batavia, Ill.
Wickes Boiler Co., Saginaw, Mich.

1026— Boilers (Gas Fired)

Diamond Machine Co. ("Diamond"), 3d & Vine, Cincinnati, O.
Eclipse Fuel Engineering Co. ("McKee" Automatic, ¾ to 12 H. P.), 100 Forbes, Rockford, Ill.
Heating Engineers Supply Co., Germania Savings Bk. bldg, Pittsburgh, Pa.
Otis Boiler Co. ("Otis"), 335 W 1st, Oswego, New York.
See adv index at end of book
Springfield Boiler Co., Springfield, Ill.

1027— Boilers (Ham)

Indiana Hollow Ware Co. (Cast Iron Underground or Enameled), Jeffersonville, Ind.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Sperry D. R. & Co., Batavia, Ill.

1027a—*Boilers (Heating & Water Supply)

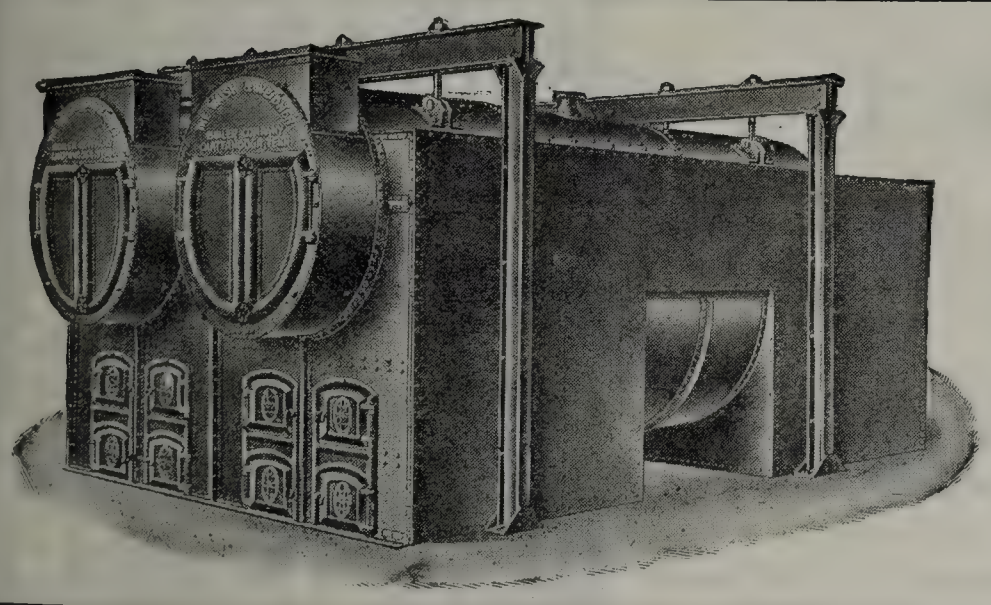
See also Heater, Steam & Hot Water
AMERICAN RADIATOR CO., 816 S Michigan av, Chicago, Ill.

Boilers (House Heating)

See Heaters, Steam & Hot Water

1028—Boilers (Locomotive, Fire Box)

AMES IRON WKS., Oswego, N. Y.
Beggs, James & Co., 30 Warren, New York
See adv index at end of book
Brennan Jno. & Co. ("Detroit"), 24th & M. C. R. R., Detroit, Mich.
Bros Wm. Boiler & Mfg. Co., Nic Island, Minneapolis, Minn.
Brownell Co., Dayton, O.
Casey-Hedges Co., Chattanooga, Tenn.
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
Connelly D. Boiler Co., Ivanhoe rd & N. Y. & St. L. R. R., Cleveland, O.
Davenport Locomotive Works (High Pressure), Davenport, Ia.
DOVER BOILER WORKS, Sales offices: 50 Church, New York; Works: Dover, N. J. *See adv index at end of book*
Fairbanks Steam Shovel Co., Marion, O.
Farquhar A. B. Co., Ltd., York, Pa.
GERDES & CO., 42 Church, New York
See adv index at end of book
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
Hartley Boiler Works, Montgomery, Ala.
Johnston Bros., Ferrysburg, Mich.
Kewanee Boiler Co., Kewanee, Ill.
Kingsford Foundry & Machine Works, Oswego, N. Y.
Lookout Boiler Mfg. Co., Chattanooga, Tenn.
Manitowoc Boiler Works Co., Manitowoc, Wis.
Murray Iron Works Co., Burlington, Ia.
Nagle Engine & Boiler Works, Erie, Pa.



BOILERS OF ALL TYPES

TANKS AND TOWERS

STRUCTURAL STEEL WORK

The Walsh & Weidner Boiler Co.

CHATTANOOGA, TENN.

BOILERS (LOCOMOTIVE, FIRE BOX)—continued
O'Brien John Boiler Works Co., 11th & Mullanphy, St. Louis, Mo.
Oil City Boiler Works, Oil City, Pa.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Pennsylvania Boiler Works, Erie, Pa.
Smith Samuel & Son Co., Paterson, N. J.
Star Drilling Machine Co., Akron, O.
Titusville Iron Co. ("Acme"), Titusville, Pa.
Walsh & Weidner Boiler Co., Chattanooga, Tenn. *See adv index at end of book*
Wickes Boiler Co., Saginaw, Mich.

Boilers (Low Pressure)

See Heaters, Steam & Hot Water

1029— Boilers (Marine)

See also Boilers, Tubular

Almy Water Tube Boiler Co., 184 Allens av, Providence, R. I.
American Boiler Works, Erie, Pa.
Atlantic Works, 80 Border, E Boston, Mass.
BABCOCK & WILCOX CO., 85 Liberty, New York
Bath Iron Works, Ltd., Bath, Me.
Beggs, James & Co., 30 Warren, New York *See adv index at end of book*
Boom Boiler & Welding Co., 1615 Merwin av, Cleveland, O.
Boston Engineering Co., 308 Atlantic av, Boston, Mass.
Brennan John & Co., 24th & M. C. R. R., Detroit, Mich.
Cahill W. S. Co., ft of Webster, Baltimore, Md.
Camden Anchor-Rockland Machine Co., Rockland, Me.
Casey-Hedges Co. (Scotch, Leg & Special), Chattanooga, Tenn.
Central Boiler Works, 3rd & Congress, Detroit, Mich.
Codd E. J. Co., 700 S Caroline, Baltimore, Md.
Columbiana Boiler Co., Columbiana, O.
Cramp Wm. & Sons Ship & Engine Building Co., Beach & Ball, Phila., Pa.
De Pere Mfg. Co., West De Pere, Wis.
Detroit Shipbuilding Co. (Scotch & Fire Box) Brass Dept., Detroit, Mich.
DOVER BOILER WORKS, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Dubuque Boat & Boiler Works, Dubuque, Iowa
Duncan Forge Co. (Steam), Toledo, O.
East End Boiler Works, 13 St. Aubin av, Detroit, Mich.
Fairbanks Steam Shovel Co. (Scotch Type), Marion, O.
Farrar & Trefs, Inc., Buffalo, N. Y.
Fitzgibbon Boiler Co. (Vertical), Oswego, N. Y.
Fletcher W. & A. Co., Hoboken, N. J.
Fore River Shipbuilding Corp., Quincy, Mass.
Freeman Mfg. Co., Dept. O., Racine, Wis.
Gas Engine & Power Co., & Chas L. Seabury & Co., Morris Heights, New York
Gillie Machine Co., Tonawanda, N. Y.
GODFREY-KEELER CO., 70 Warren, New York. *See adv index at end of book*
Great Lakes Engineering Works, Detroit, Mich.
Harlan & Hollingsworth Corp., ft of West, Wilmington, Del.
Hartley Boiler Works, Montgomery, Ala.
Heine Safety Boiler Co., Phoenixville, Pa.
Heipershausen Bros., 72 Mangin, New York
Hodge Boiler Works, 99 Summer, E Boston, Mass.
International Boiler Works Co., East Stroudsburg, Pa.
Ironton Punch & Shear Co. (River Only), Ironton, O.
Jackson & Church Co., Saginaw, Mich.
Johnston Bros., Ferrysburg, Mich.
Kingsford Foundry & Machine Works, Oswego, N. Y.
Lauson J. Mfg. Co., New Holstein, Wis.
Leslie, Elliott & Co., Paterson, N. J.
Logan Iron Works, 54 Commercial, Brooklyn, N. Y.
McIlvain & Spiegel Boiler & Tank Co., Lawrence & Pearl, Cincinnati, O.
Manistee Iron Works Co., Manistee, Mich.
Manitowoc Boiler Works Co., Manitowoc, Wis.
Manitowoc Engineering Works (Scotch, Dry & Tubular), Manitowoc, Wis.
Merrill-Stevens Shipbuilding Corp., Jacksonville, Fla.
Morris I. P. Co., Beach & Ball, Phila., Pa.
Munroe R. & Sons Mfg. Corp., 23d & Smallman, Pittsburgh, Pa.
Murray Iron Works Co. (Tubular & Internal Furnace, etc), Central av & Washington, Burlington, Ia.
New London Marine & Iron Works, New London, Conn.
New York Shipbuilding Co., Camden, N. J.
Oldman Boiler Works (Upright), 38 Illinois, Buffalo, N. Y.
Optenberg Iron Works, Sheboygan, Wis.
Pacific Steel & Boiler Co., 15th & Dock, Tacoma, Wash.
Perth Amboy Dry Dock Co., Perth Amboy, N. J.
Phoenix Iron Works Co., Meadville, Pa.
Portland Co., Portland, Me.
Puget Sound Boiler Works, Seattle, Wash.
Pusey & Jones Co., ft Poplar, Wilmington, Del.
Quintard Iron Works Co., 742 E 12th, New York
Roberts Safety Water Tube Boiler Co., 39 Cortlandt, N. Y.
Rodgers Boiler & Burner Co. (Internally Fired), Muskegon, Mich.
Seattle Boiler Works, Ballard, Seattle, Wash.
Shewan James & Son, 1 B'way, New York
Smith Samuel & Son Co., Paterson, N. J.
Smith & McCoy, Norfolk, Va.
Spedden Shipbuilding Co., Boston & Kenwood, Baltimore, Md.
Speirs Bros., New London, Conn.
Sprenger Joseph & Sons, Detroit, Mich.
Springfield Boiler Co., Springfield, Ill.
Townsend Iron Works, 2 Erie Basin, Brooklyn, N. Y.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
Valk & Murdoch Co., Charleston, S. C.
Walsh & Weidner Boiler Co., Chattanooga, Tenn. *See adv index at end of book*
Waterloo Steam Boiler Works, Waterloo, Ia.
Wickes Boiler Co., Saginaw, Mich.
Woodman Andrew W. & Co., West De Pere, Wis.

1030—Boilers (Oil Well Drilling)

Columbiana Boiler Co., Columbiana, O.
Farrar & Trefts, Inc., Buffalo, N. Y.
LUCEY MFG. CORP., 233 B'way, New York *For branch offices see Alphabetical Section*

1031—Boilers (Portable, on Wheels)

Beggs, James & Co., 30 Warren, New York *See adv index at end of book*
Byers Jno. F. Machine Co. (Vertical), 242 S Sycamore, Ravenna, O. *See adv index at end of book*
Casey-Hedges Co., Chattanooga, Tenn.
Chandler & Taylor Co., Indianapolis, Ind.
Columbiana Boiler Co., Columbiana, O.
Erie City Iron Works, Erie, Pa.
Farrar & Trefts, Inc., Buffalo, N. Y.
Frick Co., Waynesboro, Pa.
GERDES & CO., 42 Church, New York *See adv index at end of book*
GODFREY-KEELER CO. ("Cornish"), 70 Warren, New York *See adv index at end of book*
Leffel James & Co., 500 Lagonda, Springfield, O.
Lucey Manuf. Corp., 233 B'way, New York *For branch offices see Alphabetical Section*
Munroe R. & Sons Mfg. Corp., 23d & Smallman, Pittsburgh, Pa.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Producers Supply Co., Franklin, Pa.
Southern Engine & Boiler Works, Jackson, Tenn.
Titusville Iron Co., Titusville, Pa.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
Walsh's Holyoke Steam Boiler Works, Holyoke, Mass.
Warren City Tank & Boiler Co., Warren, O.
Wickes Boiler Co., Saginaw, Mich.

1032—Boilers (Range, Copper)

Badger E. B. & Sons Co., 75 Pitts, Boston, Mass.
Blessing C. A., 516 Montgomery av, Phila., Pa.
Boston Copper Works Co., E. Boston, Mass.
DAHLQUIST MFG. CO. ("Boston"), 40 W 3d, S Boston, Mass. *See adv index at end of book*
Engelhard Frank & Sons, 200 Franklin, Springfield, Mass.
Gerstein Bros. & Cooper, 3 W 3d, S Boston, Mass.
Hayes Mfg. Co. ("Wilhelme," "Modern" & "Manhattan"), Paterson, N. J.
Moriarty G. J., 28 Harvard, Boston, Mass.
Mott J. L. Iron Works ("No-Seam"), Trenton, N. J.
Randolph-Clowes Co. (Brown Bros. "Seamless"), Waterbury, Conn.
Trageser John Steam Copper Works, 447 W 26th, New York

1033—Boilers (Range, Galvanized Iron)

Aird-Don Co. ("Trojan"), Troy, N. Y.
Anderson Engineering & Supply Co., Peekskill, N. Y.
Cahill, Swift Mfg. Co. ("Crescent"), 20 S 12th, St. Louis, Mo.
Carroll Patrick & Son, 1406 Fairmount av, Phila., Pa.
Case W. A. & Sons Mfg. Co. (Welded), Buffalo, N. Y.
Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
Detroit Range Boiler Co. ("Star"), 619 24th, Detroit, Mich.
Economy Heater Co., 108 S La Salle, Chicago, Ill.
Fleck Bros Co. ("Never Leak"), 44 N 5th, Phila., Pa.
Haines, Jones & Cadbury Co. ("Hajoca," "Leader," "Pointer," "Quaker City"), 1136 Ridge av, Phila., Pa.
Harney Wm., 1349 N Warnock, Phila., Pa.
Heller, Aller & Co., Napoleon, O.
Hibbs E. A., Bread & Quarry, Phila., Pa.
Johnson J. D. Co., 54 Cliff, New York
KOVEN L. O. & BROS. (& Steel), 154 Ogden av, Jersey City N. J. *See adv index at end of book*
Meurer Bros. Co. ("Columbia," Combination Gas), 575 Flushing av, Brooklyn, N. Y.
Mott J. L. Iron Works, Trenton, N. J.
Nebraska Blangas Co., 27th & Boyd, Omaha, Neb.
Oil City Boiler Wks. (Smoke), Oil City, Pa.
Peerless Range Boiler Corp., 108 S La Salle, Chicago, Ill.
Pennsylvania Range Boiler Co., 2024 N 10th, Phila., Pa.
Riverside Boiler Works, Cambridge, Mass.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York *See adv index at end of book*
Thompson Iron Works, 1825 Callowhill, Phila., Pa.
Trageser John Steam Copper Works ("Graves") 447 W 26th, New York
Victor Combination Kitchen Boiler Co., 4th & Washington, Oakland, Cal.
Walls, Owen & Stambach Co. ("Ajax," "Kineo," "Monitor"), 11th & Hamilton, Phila., Pa.
Wolff L. Mfg. Co., 111 N Dearborn, Chicago, Ill.
Wood John Mfg. Co. (Electric Welded Seamless), Conshohocken, Pa.

When writing to firms whose names appear in this book please mention HENDRICKS' COMMERCIAL REGISTER.

1034—Boilers (Return Tubular)

AMES IRON WORKS, Oswego, N. Y.
Bass Foundry & Machine Co. Fort Wayne, Ind.
BEGGS JAMES & CO., 30 Warren, New York. *See adv index at end of book*
Bigelow Co., New Haven, Conn.
Brownell Co., Dayton, O.
Casey-Hedges Co., Chattanooga, Tenn.
Coatesville Boiler Works, Coatesville, Pa.
Codd E. J. Co., 700 S Caroline, Baltimore, Md.
Cole R. D. Mfg. Co., Newnan, Ga.
Dillon D. M. Steam Boiler Works, Fitchburg, Mass.
DOVER BOILER WORKS, Sales Offices: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Erie City Iron Works ("Economic," Horizontal), Erie, Pa.
Farrar & Trefts, Inc., Buffalo, N. Y.
Freeman Mfg. Co., Dept. O., Racine, Wis.
GERDES & CO., 42 Church, New York
See adv index at end of book

Boilers and Engines
Portable, Semi-Portable
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Steam and Gas Tractors
GERDES & COMPANY
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GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
Hartley Boiler Works, Montgomery, Ala.
International Boiler Works Co., East Stroudsburg, Pa.
Keeler E. Co. ("Keeler"), Williamsport, Pa.
Kensington Engine Works Co., Beach & E Berks, Phila., Pa.
Kewanee Boiler Co., Kewanee, Ill.
Leetonia Boiler Co., Leetonia, O.
Leffel James & Co., 500 Lagonda, Springfield, O.
Leslie, Elliott & Co., Paterson, N. J.
Lookout Boiler Mfg. Co., Chattanooga, Tenn.
McCabe E. & Co., Lawrence, Mass.
Manitowoc Boiler Works Co., Manitowoc, Wis.
Pennsylvania Boiler Works, Erie, Pa.
Petty J. K. & Co., Lebanon, Pa.
Phoenix Iron Works Co., Meadville, Pa.
Smith Samuel & Son Co., Paterson, N. J.
Springfield Boiler Co., Springfield, Ill.
Topeka Steam Boiler Works, Topeka, Kansas.
Tudor Boiler Mfg. Co., 715 E 3d, Cincinnati, O.
Walsh & Weidner Boiler Co., Chattanooga, Tenn. *See adv index at end of book*
Walsh's Holyoke Steam Boiler Works, Holyoke, Mass.
Ward Chas. Engineering Works (Wrought Steel), Charleston, W. Va.
Waterloo Steam Boiler Works, Waterloo, Ia.
Wilson Steam Boiler Co., Omaha, Neb.

1035—*Boilers (Rotary Bleaching)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book

1036— *Boilers (Steam)

See also Boilers, Tubular; also Boilers, Water Tube; also Heaters, Steam & Hot Water

Otis Boiler Co., Inc., 335 W 1st, Oswego, N. Y. *See adv index at end of book*

1037-8—Boilers (Steam, Seamless Welded)

American Welding Co., Carbondale, Pa.
Koven L. O., & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*

1039— Boilers (Tubular)

See also Boilers, Water Tube; also Heaters, Steam & Hot Water

ALABAMA.

BIRMINGHAM—Crawford-Vaughn Boiler & Locomotive Works
Schaefer Mfg. Co.
Webber Iron Works
MONTGOMERY—Hartley Boiler Works
SELMA—Union Iron Works Co.

ARKANSAS.

BRINKLEY—Farrell Machine & Boiler Works
FORT SMITH—Breslin Boiler & Iron Works
Ketcham Iron Co.

CALIFORNIA.

CHICO—Diamond Match Co. (Engineering Dept)
COALINGA—Crescent Iron Works
LOS ANGELES—Baker Iron Works
Fulton Engine Works
Pioneer Boiler & Machine Works
Union Iron Works
Western Boiler & Steel Co.
OAKLAND—United Iron Works
SACRAMENTO—Phoenix Iron & Boiler Works
SAN FRANCISCO—Bay City Iron Works, 1243 Harrison
Brode Iron Works, 37 Hawthorne
California Boiler Works, 526 Howard
Dyer Bros. Golden West Iron Works, 17th & Kansas
Eureka Boiler Works Co. (Marine, Stationary & Locomotive), 166 Fremont
Harron, Rickard & McCone, 139 Townsend
Hendy Joshua Iron Works, 75 Fremont
Keystone Boiler Works, 163 Main
Moore & Scott Iron Works, 678 2nd
Moynihan T. J. & Co., 401 Folsom
Ocean Shore Iron Wks., 550 8th
Union Iron Works Co., 20th & Michigan
STOCKTON—Stockton Iron Works

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Denver Engineering Works Co.
McFarlane Mfg. Co.
Stearns-Roger Mfg. Co.
PUEBLO—Pueblo Foundry & Machine Co.

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Porcupine Co.
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DISTRICT OF COLUMBIA.

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Mohr John & Sons, 349 W Illinois
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Tashenberg Bros., 43 Illinois
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Pennsylvania Boiler Works
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Baizley John Iron Works, 514 S Delaware av
Cox & Sons Co., 5th & Chestnut
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McGovern & Smith, 2046 E Lehigh av
Morris I. P. Co., Beach & Ball
Parker Boiler Co., Pennsylvania bldg
Petty J. K. & Co. (Return, Tubular, Locomotive, Vertical, etc), Stephen Girard bldg. Works: Lebanon, Pa.
Quaker City Iron Works, Tioga & Edgmont
Rich J. & G., 120 N 6th
Uniflow Boiler Co., Harrison bldg
Williamson Bros. Co., Aramingo & Cumberland
PHOENIXVILLE—Heine Safety Boiler Co.
PITTSBURGH—Lappan Jas. Mfg. Co.
Long Walter Mfg. Co., 1312 Muriel
Manchester & Co., 3108 Smallman
Munroe R. & Sons Mfg. Corporation (Horizontal), 23d & Smallman
Oil Well Supply Co., 215 Water
Pearson Mfg. Co., 800 Beaver
Rees James & Sons Co., 18 4th
POTTSTOWN—Sotter Bros.
READING—Orr & Sembower (Vertical, Horizontal & Locomotive)
Penn Boiler & Machine Works
Reading Scale & Machine Co.
SCRANTON—Finch Mfg. Co.
SHARPSVILLE—Sharpsville Boiler Works
TATAMY—Messinger Mfg. Co. (Low Pressure)
TITUSVILLE—Titusville Iron Co. (Horizontal, Tubular & Fire Box)
TROY—Troy Engine & Machine Co.
TYRONE—Reader Bros. & Hoffman
WARREN—Struthers-Wells Co. (Horizontal) *See adv index at end of book*
WASHINGTON—Ryan Michael
WAYNESBORO—Frick Co.
WILKES-BARRE—Vulcan Iron Works
WILLIAMSPORT—Keeler E. Co. ("Keeler")
YORK—Farquhar A. B. Co., Ltd. (Tubular)
Hench & Dromgold ("H. & D.")
Motter's Geo. F. Sons

RHODE ISLAND.

PROVIDENCE — Globe Steam Boiler & Iron Works, 349 Eddy
Hicks Boiler Works, 614 S Main
Wholey Boiler Works, 95 Whipple

SOUTH CAROLINA.

CHARLESTON—Charleston Iron Works
Riverside Iron Works
Valk & Murdoch Iron Works

SOUTH DAKOTA.

SIOUX FALLS—Harding B. W.
WATERTOWN—Hanten Machine Co.

TENNESSEE.

CHATTANOOGA—Casey-Hedges Co.
Chattanooga Boiler & Tank Co.
Lookout Boiler Mfg. Co.
Sherman Morris Co.
WALSH & WEIDNER BOILER CO.
See adv index at end of book
JACKSON — Southern Engine & Boiler Works
JOHNSON CITY—Johnson City Boiler & Tank Co.
KNOXVILLE—Dallas B. B.
MEMPHIS—Memphis Boiler Works
Shea Daniel Boiler Works
Southern Boiler & Tank Works
NASHVILLE—Culberts Wm. Sons

TEXAS.

BEAUMONT—Beaumont Iron Works Co.
Dollinger Jno.
DALLAS—Thrash J. F.
FORT WORTH—Vanzandt-Moore Iron Works
GALVESTON—McDonough Iron Works
HOUSTON—Finucane Boiler Works
Hartwell Iron Works
Tofte Boiler & Sheet Iron Works
Union Iron Works
SAN ANTONIO—Alamo Iron Works
SHERMAN—Washington Iron Works

UTAH.

SALT LAKE CITY—Holmes Samuel
Salt Lake Engineering Works
Salt Lake Iron & Steel Co.

VERMONT.

RUTLAND—Holmes Iron Co.

VIRGINIA.

BERKELEY—Old Dominion Marine Railway
BRISTOL—Twin City Boiler Works, Inc. (Also Boiler Repair Work)
NEWPORT NEWS—Newport News Ship Building & Dry Dock Co.
NORFOLK—Smith & McCoy
RICHMOND—McCabe Geo. & Son.

WASHINGTON.

BELLINGHAM—Reid Bros. Co.
EVERETT—Sumner Iron Works
HOUQUIAM — Houquiam Steam Boiler Works
OLYMPIA—Sofe James
SEATTLE—Commercial Boiler Works (Fox & Jenkins, Props.)
Hopkins Frank
Oregon Boiler Works (John Foster, Prop)
Puget Sound Boiler Works (Marine & Stationary)
Seattle Boiler Works (Frank Hopkins, Prop)
Standard Boiler Works (Marine, Stationary & Locomotive)
Vulcan Mfg. Co.
Washington Iron Works Co.
SPOKANE—Brown Bros
Cleary J. E.
National Iron Works
TACOMA—Brear S. D. & Son
Puget Sound Iron & Steel Works

WEST VIRGINIA.

CHARLESTON—South Side Fdry. & Machine Works
Ward Chas. Engineering Works
HUNTINGTON—Coughenour E. C. Co.
MANNINGTON—Haugh T. M.
WHEELING—Bryan & Bippus

WISCONSIN.

APPLETON — Northern Boiler & Structural Iron Works
ASHLAND—Sanders Robt. E.
GREEN BAY—Hartman-Greiling Co.
JANESVILLE—Ambrose F. O.
JUNEAU—Brieman C. G.
LA CROSSE—La Crosse Boiler Co.
MANITOWOC — Manitowoc Boiler Works Co. (Marine, Stationary, etc)
MILWAUKEE—American Boiler Works (Jos. Buxbaum, Prop), 287 Virginia
Cream City Boiler Co., 37th av & Lapham
Mertes-Miller Co., 239 Lake
Meyer Geo. J. Mfg. Co., 598 Clinton
Milwaukee Boiler Co., 220 Oregon
Milwaukee Reliance Boiler Works, 1102 32d
Murphy Boiler Co.,153 Barclay
Schwab-Le Zotte Boiler Co., 16th & Canal
VILTER MFG. CO., 1046 Clinton
See adv index at end of book
OSHKOSH—Battis Bros.
Reliance Boiler Works
RACINE—Freeman Mfg. Co., Dept O
SHEBOYGAN — Optenberg Iron Works (Stationary & Marine)
SUPERIOR—Northwestern Boiler Works
TOMAHAWK—Tomahawk Steel & Iron Works
WATERTOWN—Dornfeld-Kunert Co.
WAUSAU—Wausau Iron Works
WEST DE PERE—De Pere Mfg. Co.

1040— *Boilers (Vertical)

Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
GERDES & CO., 42 Church, New York
See adv index at end of book
WALSH & WEIDNER BOILER CO., Chattanooga, Tenn.
See adv index at end of book

1041— Boilers (Wash)

Aldrich Mfg. Co. (Tin & Planished Copper), Buffalo, N. Y.
Atlantic Stamping Co. (Charcoal Tin, Copper Bottoms, etc), 156-180 Ames, Rochester, N. Y.
Badger E.B. & Sons Co. (Copper), 75 Pitts, Boston, Mass.
Bass Joseph, 239 Race, Phila., Pa.
Behrens H. Mfg. Co. ("Never-Bend"), Winona, Minn.
BERTELS W. B. & SON CO., INC., Wilkes-Barre, Pa.
Central Stamping Co. ("Puritan"), 172 Fulton, New York
Coonley Mfg. Co. ("Clyde"), Cicero, Ill.
Fries Geo. Sons, 222 S Front, Phila., Pa.
GEUDER, PAESCHKE & FREY CO. (Copper, Galvanized & Tin), Milwaukee, Wis.
See adv index at end of book
Lalance & Grosjean Mfg. Co., 299 Broadway, New York
Lawrence, Bostwick Mfg. Co., Ltd., Phelps, N. Y.
McAleer E. J. & Co. ("McAleer"), 1422 N 8th, Phila., Pa.
Mosheik Philip ("Mosheik"), 1108 S Halsted, Chicago, Ill.
Mountain City Stove & Mfg. Co., Chattanooga, Tenn.
National Enameling & Stamping Co., (Copper, Galvanized & Tin), 411 5th av, New York
New England Enameling Co., Middletown, Conn.
Nichthauser & Levy, 252 Java, Brooklyn, N. Y.
Peoria Can Co., Peoria, Ill.
Phillips & Buttorff Mfg. Co., Nashville, Tenn.
Pritchard Stamping Co. ("Prisco," "Tiger"), Rochester, N. Y.
Ray Geo. A. Mfg. Co. (Copper & Brass), Buffalo, N. Y.
Republic Metalware Co. The, Buffalo, N. Y.
Rochester Can Co. ("Iron Horse"), Rochester, N. Y.
Rochester Stamping Co., Rochester, N. Y.
Rome Mfg. Co. ("Rome"), Rome, N. Y.

Schaffer Tinware Mfg. Co., 76 Sedgwick, Brooklyn, N. Y.
Schlueter Mfg. Co., Broadway & John av, St. Louis, Mo.
Southern Co-Operative Foundry Co., Rome, Ga.
Trethaway Bros., Parsons, Pa.

1042— Boilers (Water Tube)

Abendroth & Root Mfg. Co. ("Root"), Newburgh, N. Y.
Almy Water Tube Boiler Co., 184 Allens av, Providence, R. I.
BABCOCK & WILLCOX CO. ("B & W," "Rust," "Stirling"), 85 Liberty, New York
Badenhausen Co. ("Badenhausen"), 1429 Chestnut, Phila., Pa.
Badenhausen Co. ("Badenhausen" Stationary & Marine), Rialto bldg, San Francisco, Cal. *See adv index at end of book*
Ballin Water Tube Boiler Co. (Sectional), Portland, Ore.
Bass Foundry & Machine Co., Ft. Wayne, Ind.
Bath Iron Works, Ltd. ("Normand") Bath, Me.
Bay City Boiler Co., Bay City, Mich.
BEGGS JAMES & CO., 30 Warren, New York *See adv index at end of book*
Bigelow Co. ("Bigelow-Hornsby"), New Haven, Conn.
Brennan John & Co., 24th & M C R R, Detroit, Mich.
Casey-Hedges Co., Chattanooga, Tenn.
Connelly D. Boiler Co. ("Connelly," All Sizes), Ivanhoe rd & N. Y. & St. L. R. R., Cleveland, O.
Crowley Boiler Works, Jackson, Mich.
Dundon's Iron Works ("Dundon's" Sectional), 225 Folsom, San Francisco, Cal.
East End Boiler Works, ("Detroit"), 13 St. Aubin av, Detroit, Mich.
Edge Moor Iron Co., Edge Moor, Del.
Ehrsam J. B. & Sons Mfg. Co., Enterprise, Kans.
Erie City Iron Works (Horizontal & Vertical), Erie, Pa.
Erie Engine Works, Erie, Pa.
Flamer Water Tube Boiler Co., Akron, O.
Fore River Shipbuilding Corp. (Marine), Quincy, Mass.
Freeman Mfg. Co., Dept. O, Racine, Wis.
Gas Engine & Power Co., & C. L. Seabury Co. (Seabury Safety, Marine & Stationary), Morris Heights, N. Y.
Granger A. D. Co. ("Oswego"), 15 Park Row, New York
Harlan & Holingsworth Corp. (Marine), ft of West, Wilmington, Del.
Harrisburg Mfg. & Boiler Co. ("Star"), Harrisburg, Pa.
Heine Safety Boiler Co., 5319 Marcus av, St. Louis, Mo.
Herreshoff Mfg. Co. (Herreshoff Patent), Bristol, R. I.
Hyde Bros. & Co. ("Hyde"), Commonwealth bldg, Pittsburgh, Pa.
International Engineering Works, Ltd. ("Robb"), Framingham, Mass.
Kanawha Mine Car Co. ("Bernhard"), Charleston, W. Va.
Keeler E. Co. ("Keeler"), Williamsport, Pa.
Kingsford Foundry & Machine Works, Oswego, N. Y.
Kroeschell Bros. Co., 440 W Erie, Chicago, Ill.
Ladd Geo. T. Co., Farmers Bk. bldg, Pittsburgh, Pa.
McNaull W. D. Co., 228 Cherry, Toledo, O.
McNaull Boiler Mfg. Co., Toledo, O.
Marine Iron Works, 2036 Dominick, Chicago, Ill.
Meehan Boiler & Construction Co., Lowellville, O.
Mohr Jno. & Sons, 349 W Illinois, Chicago, Ill.
Munroe R. & Sons Mfg. Corp. (Horizontal & Vertical), 23d & Smallman, Pittsburgh, Pa.
Murray Iron Works Co., Central av & Washington, Burlington, Ia.
Murray & Tregurtha Co., 340 W 1st, Boston, Mass.
O'Brien John Boiler Works Co., St. Louis, Mo.
Ocean Shore Iron Wks., 550 80th, San Francisco, Cal.
O'Dougherty Francis C. ("Economy"), 1650½ Fulton, Brooklyn, N. Y.
Ofeldt F. W. & Sons (Small), Nyack, N. Y.
Oil City Boiler Works ("Geary" Stationary), Oil City, Pa.
Pacific Steel & Boiler Co., 15th & Dock, Tacoma, Wash.
Parker Boiler Co. ("The Parker" Down Flow), Pennsylvania bldg, Phila., Pa.
Roberts Safety Water Tube Boiler Co., Red Bank, N. J.
Seattle Construction & Dry Dock Co. ("Badenhausen"), Seattle, Wash.
Sherman Morris Co., Chattanooga, Tenn.
Smith H. B. Co. ("Mills & Smith" W-17 Hot water Supply Boilers), Westfield, Mass.
Springfield Boiler Co. ("Flanner"), Springfield, Ill.
Tudor Boiler Mfg. Co., 715 E 3d, Cincinnati, O.
Union Iron Works, Erie, Pa.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
Vogt Henry Machine Co. ("Vogt"), Louisville, Ky.
WALSH & WEIDNER BOILER CO., Chattanooga, Tenn. *See adv index at end of book*
Walsh's Holyoke Steam Boiler Works, Holyoke, Mass.
Walton C. J. & Son, Louisville, Ky.
Ward Chas. Engineering Works (Marine), Charleston, W Va.
Wickes Boiler Co. ("Wickes," Vertical & Horizontal), Saginaw, Mich.
Wildman Boiler Works, 3026 Carroll av, Chicago, Ill.
Worthington Watertube Boiler Co., 30 Warren, New York

Bolsters (Car Truck & Body)

See Car Truck & Body Bolsters

1043—Bolt Header & Shoeing Vise (Combined)

Noyes B. B. Co., Greenfield, Mass.

1044—Bolt, Nut & Rivet Mfrs.

See also Sub-classifications of Bolts; also of Nuts; also of Rivets; also of Screws; also of Washers

ALABAMA.

BIRMINGHAM—American Bolt Co. (Bolts Nuts Only)
Republic Iron & Steel Co. (Bolts, Nuts, Rivets, Screws & Washers); Main Office: Youngstown, O.

CALIFORNIA.

SAN FRNCISCO—**JUDSON MFG. CO.,** 819 Folsom
Pacific Rolling Mill Co., 17th & Mississippi
Payne's Bolt Works (Bolts, Screws, Washers, etc), 133 Howard

COLORADO.

DENVER—Colorado Fuel & Iron Co. (Bolts, Nuts, etc)

CONNECTICUT.

HARTFORD—Atlantic Screw Works
Hartford Machine Screw Co. (Miller Bolts & S. A. E. Standard Bolts & Nuts)
MILLDALE—Barnes & Kobert Mfg. Co., (Bolts & Rivets)
CLARK BROS. BOLT CO. (Bolts & Nuts) *See adv index at end of book*
NEW BRITAIN—Corbin Screw Corp. (Bolts, etc)
STANLEY WORKS (Steel Door Bolts) *See adv index at end of book*
NEW HAVEN—American Rivet Co. (Rivets, Studs, Bolts, etc)
Cowles C. & Co. (Bolts)
Sargent & Co. (Bolts, all kinds)
PLANTSVILLE—Atwater Mfg. Co. (Carriage Bolts)
SHELTON—Bassett D. M. Bolt Works (Bolts)
Shelton Co. (Bolts, etc)
Specialty Bolt & Rivet Wks., 132 Hillside av
TORRINGTON—Coe Brass Branch (Rivets)
Progressive Mfg. Co. (Rivets to Order Only
UNIONVILLE—Upson Nut Co. (Bolts, Nuts, Rivets, etc)
WATERBURY—**AMERICAN BRASS CO.** (Brass & Copper Bolts & Rivets) *For branch offices see adv index at end of book*
Blake & Johnson Co. (Special Rivets, etc) 1500 Thomaston av *See adv index at end of book*
Steele & Johnson Mfg. Co. (Brass)
Waterbury Brass Goods Corp. (Brass Rivets)
Waterbury Mfg. Co. (Rivets)
WINSTED—Moore, Franklin Co. (Bolts, Nuts, etc)

ILLINOIS.

CHICAGO—Carpenter Geo. B. & Co., 440 N Wells
Chicago Nut Co. (Brass Nuts, etc), 2513 W 20th
Chicago Screw Co. (Screws, etc), 13 N Jefferson
Continental Bolt & Iron Works (Bolts, etc), 2225 W 43d

Automobile Carriage Machine Plow Cultivator Elevator Loom Spring Stove Hook & Eye Special Rivets Nuts Screws

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ANYTHING YOU NEED in the LINE OF BOLTS and NUTS

CLARK BROS. BOLT CO., MILLDALE, CONN.
64 YEARS IN THE BUSINESS

ILLINOIS-Chicago—continued
Harper F. C. Screw Wks., 19 E 8th, Chicago, Ill.
Illinois Steel Co. (Track Bolts), 208 S La Salle
Interstate Iron & Steel Co. (Rivets All Kinds, 1st Nat'l Bank bldg
O'Leary Arthur J. & Son Co., 65th & S 57th av
MARSEILLES—Moore Joshua (Rivets)
ROCK FALLS—Russell, Burdsall & Ward Bolt & Nut Co. (Bolts, Nuts, Washers, etc)
ROCKFORD—Rockford Bolt Co. (Bolts, Rivets & Nuts), 60 Mill

INDIANA.

GARY—Gary Screw & Bolt Co. (Bolts, Screws, etc)
SHELBYVILLE—Vandergrift & Morris

MARYLAND.

BALTIMORE—Armstrong & Parker (Bolts & Washers), Bath & North
Maryland Bolt Co., Continental bldg.

MASSACHUSETTS.

BOSTON—Hill-Smith Metal Goods Co. (Bolts, Nuts & Washers), 88 Pearl
Hobbs Clinton E. (Carriage Bolts), 12 Pearl
New England Screw Co., 44 Farnsworth
Standard Rivet Co., 41 Lincoln
Sylvester Co. (Bolts, Spikes, etc), 141 Milk
Tubular Rivet & Stud Co. (Rivets), 87 Lincoln
EVERETT—New England Bolt Co. (Bolts, Nuts & Washers)
FRAMINGHAW—Framinghaw Screw Wks. (Wild Nuts)
PLYMOUTH—Plymouth Mills (Rivets & Washers)
TAUNTON—Nelson W. H. & Son (Brass, Copper & Iron Rivets)
Taunton Rivet Works (Rivets & Washers)
WORCESTER—Reed & Prince Mfg. Co. (Bolts, Nuts & Rivets)
Smith Thos. Co. (Bolts, Nuts & Washers)

MICHIGAN.

DETROIT—Detroit Copper & Brass Rolling Mills (Rivets)
Detroit Nut Co., Lycaste ave & Detroit Terminal
Detroit Screw Works (Bolts & Nuts)
See adv index at end of book
Michigan Bolt & Nut Works (Bolts, Nuts, Rivets & Washers)

MISSOURI.

KANSAS CITY—Kansas City Bolt & Nut Co. (Bolts, Nuts, Rivets & Washers)
ST. LOUIS—American Car & Foundry Co., Syndicate Tr. bldg
Moran Bolt & Nut Mfg. Co. (Bolts, Nuts, Rivets, Screws & Washers), 1st & Florida
St. Louis Screw Co. (Bolts, Nuts, etc), 600 E Clarence av

NEW JERSEY.

BAYONNE—Bayonne Bolt & Nut Co.
JERSEY CITY—Ames W. & Co. (Bolts, Nuts, etc), Communipaw av
NEWARK—Hartley Screw Products Co., 65 N. J. R. R. av
Newark Rivet Works (Rivets), 262 Lafayette
Roe & Conover, 206 Frelinghuysen av, Newark, N. J.
See adv index at end of book
PHILLIPSBURG—Galvanized Products Co.

NEW YORK.

BUFFALO—Niagara Screw Co. (Bolts, Nuts & Screws)

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Gaskell Wm. & Son (Bolts), 59 Freeman
Upham V. B. & Bro. (Rivets), 30 Hudson av

Boroughs of Manhattan and Bronx.

NEW YORK—American Bridge Co., 30 Church
American Car & Foundry Co., 165 B'way
Greenlie-Halliday Co. (Bolts, Nuts, Rivets & Washers), 499 Water
Hall's Samuel Sons (Bolts, Screws & Washers). 229 W 10th
Smith & McCrorken, Inc., 407-409 E 18th

(End of New York City)

NORTH TONAWANDA—Buffalo Bolt Co.
PORT CHESTER—Russell, Burdsall & Ward Bolt & Nut Co.
POUGHKEEPSIE—Anchor Bolt & Nut Co.
ROME—Rome Brass & Copper Co. (Copper Rivets & Washers, etc)
SYRACUSE—Central City Bolt Co. (Bolts & Nuts)
TROY—Burden Iron Co. (Rivets)

OHIO.

AMHERST—U. S. Automatic Co. (Bolts & Nuts)
BEREA—Ohio Nut & Bolt Co.
CINCINNATI—Elden T. G. (Nuts, Rivets, etc), 115 Sycamore
CLEVELAND—Atlas Bolt & Screw Co. (Bolts, Nuts, Rivets, Screws, etc), 1000 Ivanhoe rd
Carlin Anthony Co., 2717 E 75th
Champion Rivet Co (Rivets)
Cleveland Bolt & Mfg. Co. (Bolts)
Eagle Bolt & Forging Co. (Bolts & Rivets)
Foster Bolt & Nut Mfg. Co. (Bolts, Nuts, Screws, etc), Union av & E 72d
Kirk-Latty Mfg. Co. (Bolts, Rivets, etc), bet. Detroit & Madison av
Lake Erie Iron Co. (Bolts, Nuts & Washers), ft of E 63d
Lamson & Sessions Co. (Bolts, Nuts & Rivets), 2188 Scranton rd S W
National Acme Mfg. Co, 7500 Scranton av S E
National Screw & Tack Co. (Bolts, Nuts & Rivets)
Peerless Automatic Machine Co.
Upson Nut Co (Bolts, Nuts & Rivets)
COLUMBUS—Berry Bros. (Bolts, Nuts & Rivets)
Columbus Bolt Works Co. (Bolts, Nuts, Rivets, Screws & Washers)
Standard Bolt Co.
ELYRIA—Western Automatic Machine Screw Co. (Bolts, Nuts, etc)
KENT—Falls Rivet Co.
TOLEDO—Wine Railway Appliance Co. ("Stephenson" Wedge Bolt)
YOUNGSTOWN—Republic Iron & Steel Co. (Bolts, Nuts, Screws & Washers)

PENNSYLVANIA.

BUTLER—Butler Bolt & Rivet Co.
JOHNSTOWN—Cambria Steel Co. (Bolts, Nuts & Rivets). Main Office: Phila., Pa.
LEBANON—American Iron & Steel Mfg. Co. (Bolts, Nuts, Rivets & Washers)
Lebanon Valley Iron & Steel Co. (Bolts, Nuts, Rivets, Washers, etc)
NORRISTOWN—American Equipment Co. (Bolts, Nuts, etc)
Reading Screw Co. (Stove & Tire Bolts)
PHILADELPHIA—Ankyra Mfg. Co. (Anchor Bolts), Wayne Junction
Cambria Steel Co. (Bolts, Nuts & Rivets), Widener bldg
Haydon A. & M., 304 N 22d
McGookin D. H., 1630 N 9th
Skelly Thos. P. Bolt Co. (Bolts Only), 24th & Carlton
PITTSBURGH—Flannery Bolt Co., Vanadium bldg
Graham Nut Co.
Hubbard & Co. (Bolts, Nuts, etc), 63d & Butler
Hussey C. G. & Co. (Rivets, Copper), 2850 2nd av
Lanz M. & Sons (Bolts, Nuts, Rivets & Washers), 2907 Carson
National Bolt & Nut Co. (Bolts, Nuts, Screws & Washers)
New Castle Steel & Iron Co. (Bolts, Rivets, etc)
Oliver Iron & Steel Co. (& Screws & Washers), S 10th & Muriel
Pittsburg Knife & Forge Co. (Large Bolts, Rivets, etc), 709 Belmont
Pittsburg Rivet Co., 38th & Junction R R
Pittsburgh Screw & Bolt Co. (Bolts, Nuts & Rivets), Preble av
Severence S. Mfg. Co. (Rivets, Spikes, etc), 3d
Steel Car Forge Co., Frick bldg
POTTSVILLE—Pottsville Bolt Co. (Bolts & Screws)
SCRANTON—Scranton Bolt & Nut Co. (Bolts, Nuts, Rivets, Screws & Washers)
SOUTH BETHLEHEM—Bethlehem Steel Co.
WEST PITTSBURGH—Garland Nut & Rivet Co.

RHODE ISLAND.

PAWTUCKET—Haskell Wm. H. Mfg. Co. (Bolts & Nuts), 21 Stevens
Pawtucket Mfg. Co. (Bolts, Screws etc)
PROVIDENCE — American Screw Co. (Bolts & Nuts), 21 Stevens
Eastern Bolt & Nut Co., E Providence
Rhode Island Tool Co. (Bolts, Nuts & Washers)
VALLEY FALLS—Standard Nut & Bolt Co.

TENNESSEE.

ERWIN—Brown A. R. ("Brown's Perfection")

VIRGINIA.

RICHMOND—Old Dominion Iron & Nail Works Co. (Bolts, Nuts, Rivets, Spikes, Washers, etc)

1045—*Bolt Pointers (Hand, Bit Brace)

GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book

1046— Bolt & Screw Cases

American Bolt & Screw Case Co. (Revolving), Dayton, O.
Eclipse Mfg. Co. (Sectional Revolving), Wellston, O.
Green A. H. Co., 97 Warren, New York
Heller W. C. & Co., Montpelier, O.
Lyon Metallic Mfg. Co. ("Lyon" Steel), Aurora, Ill.
New Britain Machine Co. (Revolving), 190 Chestnut, New Britain, Conn.
Warren J. D. Mfg. Co., Masonic Temple, Chicago, Ill.

1047—*Bolt & Shield (Expansion)

DIAMOND EXPANSION BOLT CO. ("Diamond"), 89 West, New York
See adv index at end of book

1048— Bolters (Corn Meal)

Huntley Mfg. Co., Silvercreek, N. Y.

1049— *Bolters (Flour Mill)

GERDES & CO., 42 Church, New York
See adv index at end of book

1050— *Bolters (Universal)

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
ALLIS-CHALMERS MFG. CO. (With Vibromotor Drive), Milwaukee, Wis.
See adv index at end of book

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER

1051— Bolts (Anchor)

See also Bolts, Expansion

American Equipment Co., Norristown, Pa.
Ankyra Mfg. Co., Wayne Junction, Phila., Pa.
Bethlehem Steel Co., So Bethlehem, Pa.
DIAMOND EXPANSION BOLT CO., 89 West, New York
See adv index at end of book
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Maryland Bolt Co., Continental bldg, Baltimore, Md.
National Bolt & Nut Co., Pittsburgh, Pa.
Pittsburg Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction R R, Pittsburgh, Pa.
Republic Structural Iron Wks. Co., 1350 E 53d, Cleveland, O.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Star Expansion Bolt Co. ("Star" & "Sebco"), 147 Cedar, New York
Steward & Romaine Mfg. Co., 124 N 6th, Phila., Pa.
United States Expansion Bolt Co., 25 Elm New York
Variety Mfg. Co. (Of All Kinds, etc), 2958 Carroll av, Chicago, Ill.

1052— *Bolts ("Ankyra")

Ankyra Mfg. Co., Wayne Junction, Phila., Pa.

1053— *Bolts (Automobile)

CLARK BROS. BOLT CO., Milldale, Conn.
See adv index at end of book
Cleveland Wrought Products Co., W 58th & L. E. Belt Line, Cleveland, O.

1054—*Bolts (Automobile Steering Knuckle)

DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book

Bolts (Barge)

See Bolts, Drift

Bolts (Barn Door)

See Bolts, Door & Window

Bolts (Barrel)

See Bolts, Door & Window

1054a—Bolts (Barrel Builders)

Stanley Works, New Britain, Conn.
See adv index at end of book

1055—Bolts (Belt or Elevator)

American Screw Co., 21 Stevens, Providence, R. I.
Ankyra Mfg. Co., Wayne Junction, Phila., Pa.
Bethlehem Steel Co., So Bethlehem, Pa.
CLARK BROS. BOLT CO. (Elevator), Milldale, Conn.
See adv index at end of book
Columbus Bolt Works Co., Columbus, O.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
Kirk-Latty Mfg. Co., W 85th (bet. Detroit & Madison av), Cleveland, O.
Lamson & Sessions Co., 2188 Scranton rd, S W, Cleveland, O.
Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Philadelphia, Pa.
See adv index at end of book
Moore & Lorenz Co., 2144 W Fulton, Chicago, Ill.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Upson Nut Co., Cleveland, O.

1056— Bolts (Bicycle)

Clark Bros. Bolt., Milldale, Conn.
See adv index at end of book
DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book
National-Acme Mfg. Co., 7500 Stanton av S E, Cleveland, O.
National Screw & Tack Co., Cleveland, O.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

1057— Bolts (Billiard Table)

Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, O.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Shelton Co., Shelton, Conn.
Upson Nut Co., Cleveland, O.

1058— Bolts (Boiler or Patch)

Bayonne Bolt & Nut Co., Bayonne, N. J.
Bethlehem Steel Co., So Bethlehem, Pa.
Chicago Screw Co., 13 N Jefferson, Chicago, Ill.
Corbin Screw Corporation, New Britain, Conn.
DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book
DIAMOND EXPANSION BOLT CO. ("Diamond"), 89 West, New York
See adv index at end of book
Gary Screw & Bolt Co., Gary, Ind.
Hall's Samuel Sons, 229 W 10th, New York
Hartford Machine Screw Co., Hartford, Conn.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Lake Erie Iron Co., ft of E 63d, Cleveland, O.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Maryland Bolt Co., Continental bldg, Baltimore, Md.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Rhode Island Tool Co., Providence, R. I.
Ryerson, Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Western Automatic Machine Screw Co., Elyria, O.
Worcester Machine Screw Co., Standard Screw Co., Successor, Worcester, Mass.

1059— Bolts (Boiler Stay)

Bethlehem Steel Co., So Bethlehem, Pa.
Falls Hollow Staybolt Co., Cuyahoga Falls, Ohio
Flannery Bolt Co. ("Tate" Flexible), Vanadium bldg, Pittsburgh, Pa.
Gary Screw & Bolt Co., Gary, Ind.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Lockhart Iron & Steel Co., Pittsburgh, Pa.
Maryland Bolt Co., Continental bldg, Baltimore, Md.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, O.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Western Automatic Machine Screw Co., Elyria, O.

1060—Bolts (Brass, Bronze & Copper)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Columbus Brass Co., 538 Dublin av, Columbus, O. *See adv index at end of book*
DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book
Equipoise Rivet Co. (Brass Flange), Waterbury, Conn.
Hall's Samuel Sons (Acid Proof Muntz Metal), 229 W. 10th, New York
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hendricks Bros. (Copper Only), 49 Cliff, New York
Larkin, J. K. & Co. (Brass Only), 34 Reade, New York
See adv index at end of book
Moran Bolt & Nut Mfg. Co. (Bronze & Copper Only), 1st & Florida, St. Louis, Mo.
Mutual Electric & Machine Co. (Copper), 232 Fort W, Detroit, Mich.
National-Acme Mfg. Co., 7500 Stanton av S E, Cleveland, O.
Pawtucket Mfg. Co., Pawtucket, R. I.
Peck, Stow & Wilcox Co., Southington, Conn.
Phosphor Bronze Smelting Co., 2200 Washington av, Phila., Pa.
Reading Hardware Co. (Brass), Reading, Pa.
Reed & Prince Mfg. Co., Worcester, Mass.
Rockford Bolt Co. (Brass), 60 Mill, Rockford, Ill.
St. Louis Screw Co. (Bronze), Clarence & Bulwer avs, St. Louis, Mo.
Taunton-New Bedford Copper Co. (Copper & Yellow Metal), Taunton, Mass.
Trumpbour-Whitehead, Brass & Copper Co., 309-311 Canal, New York, and 43 North 7th, Philadelphia, Pa.
See adv index at end of book
Whitehead Metal Products Co., 67-73 **Washington, North Boston, Mass.**
See adv index at end of book

1061—Bolts (Bridge & Structural)

American Equipment Co., Norristown, Pa.
Ankyra Mfg. Co., Wayne Junction, Phila., Pa.
Ballard Drop Forge Co. ("Ballard"), Seattle, Wash.
Bayonne Bolt & Nut Co., Bayonne, N. J.
Bethlehem Steel Co., So Bethlehem, Pa.
Buffalo Bolt Co., N Tonawanda, N. Y.
Cleveland City Forge & Iron Co., Cleveland, O.
Colorado Fuel & Iron Co., Denver, Colo.
Columbus Bolt Works Co., Columbus, O.
Continental Bolt & Iron Works, 2225 W. 43d, Chicago, Ill.
Gary Screw & Bolt Co., Gary, Ind.
Gaskell Wm. & Son, 59 Freeman, Brooklyn, N. Y.
Graham Nut Co., Pittsburgh, Pa.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Judson Mfg. Co., 819 Folsom, San Francisco, Cal.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lake Erie Iron Co., ft of E 63d, Cleveland, O.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Larkin, J. K. & Co., 34 Reade, New York
See adv index at end of book
Lebanon Valley Iron & Steel Co., Lebanon, Pa.
Maryland Bolt Co., Continental bldg, Baltimore, Md.
McGookin D. H., 1630 N 9th, Phila., Pa.
Michigan Bolt & Nut Works, Detroit, Mich.
Milton Mfg. Co., Milton, Pa.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Bolt & Nut Co., Pittsburgh, Pa.
New England Bolt Co., Everett, Mass.
Old Dominion Iron & Nail Works Co., Richmond, Va.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pittsburgh Forge & Iron Co., Chamber of Commerce bldg, Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction R R, Pittsburgh, Pa.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, O.
Republic Structural Iron Wks. Co., 1350 E 53d, Cleveland, O.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Ryerson, Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

BOLTS (Bridge & Structural)—continued
ST. PAUL FOUNDRY CO., Como av & Mackubin St. Paul, Minn.
See adv index at end of book
Scranton Bolt & Nut Co., Scranton, Pa.
Smith Thos. Co., Worcester, Mass.
Standard Bolt Co., Columbus, O.
Sylvester Co., 141 Milk, Boston, Mass.
Upson Nut Co., Cleveland, O.
Wendt Albert H., 456 E 2d, Cincinnati, O.

Bolts (Bronze)

See Bolts, Brass & Copper

1062— Bolts (Car)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
American Equipment Co., Norristown, Pa.
Ankyra Mfg. Co., Wayne Junction, Phila., Pa.
Bayonne Bolt & Nut Co., Bayonne, N. J.
Bethlehem Steel Co., So Bethlehem, Pa.
Columbus Bolt Works Co., Columbus, Ohio
Continental Bolt & Iron Works, 2225 W 43d, Chicago, Ill.
ERIE CAR WORKS, 1150 W 17th, Erie, Pa.
Foster Bolt & Nut Mfg. Co., Union av & E 72d, Cleveland, O.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lake Erie Iron Co., ft of E 63d, Cleveland, O.
Maryland Bolt Co., Continental bldg, Baltimore, Md.
Michigan Bolt & Nut Wks, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Bolt & Nut Co., Pittsburgh, Pa.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction R R, Pittsburgh, Pa.
Pottsville Bolt Co., Pottsville, Pa.
Pressed Steel Car Co (Column Post & Journal Box), 307 5th av, Pittsburgh, Pa.
St Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Scranton Bolt & Nut Co., Scranton, Pa.
Standard Bolt Co., Columbus, O.
Western Steel Car & Foundry Co. (Column Post & Journal Box), 37 W Van Buren, Chicago, Ill.

1063— Bolts (Carriage)

American Bolt Co. (Also Machine), Birmingham, Ala.
Ankyra Mfg. Co., Wayne Junction, Phila., Pa.
Atlas Bolt & Screw Co., 1000 Ivanhoe rd, Cleveland, O.
Ballard Drop Forge Co., Seattle, Wash.
Bayonne Bolt & Nut Co., Bayonne, N. J.
Barnes & Kobert Mfg. Co., Milldale, Conn.
Bassett D. M. Bolt Works, Shelton, Conn.
Bayonne Bolt & Nut Co., Bayonne, N. J.
Berry Bros. Columbus, O.
Bethlehem Steel Co., So Bethlehem, Pa.
Buffalo Bolt Co., N Tonawanda, N. Y.
CLARK BROS. BOLT CO., Milldale, Conn.
See adv index at end of book
Cleveland Bolt & Mfg. Co. ("North" Ribbed Neck), Cleveland, O.
Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, O.
Columbus Bolt Works Co. (Common & Eagle), Columbus, O.
Corbin Screw Corp. (Fancy Head), New Britain, Conn.
Cowles C & Co., New Haven, Conn.
Eagle Bolt & Forging Co. (Turned Head & Fellow Step), Cleveland, O.
Foster Bolt & Nut Mfg. Co., Union av & E 72d, Cleveland, O.
Gary Screw & Bolt Co., Gary, Ind.
Harry L. C. Co., 114 Liberty, New York
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Haydon A. & M., 304 N 22d, Phila., Pa.
Hobbs Clinton E. ("Eagle"), 12 Pearl, Boston, Mass.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Joslyn Mfg. Supply Co., Chamber of Commerce bldg, Chicago, Ill.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Kirk-Latty Mfg. Co., (bet. Detroit & Madison av), Cleveland, O.
Lake Erie Iron Co., ft of E 63d, Cleveland, Ohio
Lamson & Sessions Co. ("Buckeye"), 2188 Scranton rd, S W, Cleveland, O.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Larkin J. K. & Co. (Also Wagon), 32 Reade, New York
See adv index at end of book
Lebanon Valley Iron & Steel Co., Lebanon, Pa.
Maryland Bolt Co., Continental bldg, Baltimore, Md.
Michigan Bolt & Nut Wks, Detroit, Mich.
Milton Mfg. Co., Milton, Pa.
Moore Franklin Co., Winsted, Conn.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Bolt & Nut Co., Pittsburgh, Pa.
National Screw & Tack Co., Cleveland, O.
New Castle Steel & Iron Co., Pittsburgh, Pa.
New England Bolt Co., Everett, Mass.
Ohio Nut & Bolt Co., Berea, O.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh Pa.
Payne's Bolt Works, 133 Howard, San Francisco, Cal.
Peck, Stow & Wilcox Co., Southington, Conn.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, O.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Roe & Conover, 206 Frelinghuysen av, Newark, N. J.
See adv index at end of book
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Schaper Construction Material Co., 90 West, New York
Scranton Bolt & Nut Co., Scranton, Pa.
Shelton Co., Shelton, Conn.
Skelly Thos P. Bolt Co., 24th & Carlton, Phila., Pa.
Southern California Iron & Steel Co., 4th & Mateo, Los Angeles, Cal.
Standard Bolt Co., Columbus, O.
Steel Car Forge Co., Frick bldg., Pittsburgh, Pa.
Upson Nut Co. (Common, "Philadelphia," "Coleman Eagle"), Cleveland, O.

1063a— Bolts (Chain)

McKinney Mfg. Co. (Wrought Steel), N. S., Pittsburgh, Pa.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

1064— Bolts (Collar)

Bethlehem Steel Co., So Bethlehem, Pa.
Corbin Screw Corporation, New Britain, Conn.
Gary Screw & Bolt Co., Gary, Ind.
Hall's Samuel Sons, 229 W 10th, New York
Kirk-Latty Mfg. Co., W 85th (bet. Detroit & Madison av), Cleveland, O.
Michigan Bolt & Nut Wks, Detroit, Mich.
National-Acme Mfg. Co. (Milled), 7500 Stanton av, S E, Cleveland, O.
Pittsburgh Rivet Co., 38th & Junction R. R., Pittsburgh, Pa.
Rhode Island Tool Co., Providence, R. I.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Scranton Bolt & Nut Co., Scranton, Pa.
Western Automatic Machine Screw Co., Elyria, O.

1065—Bolts (Copper Soldering)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

1066— Bolts (Countersunk)

See also Bolts, Plow; Bolts, Stove

American Equipment Co., Norristown, Pa.
Bayonne Bolt & Nut Co., Bayonne, N. J.
Bethlehem Steel Co., So Bethlehem, Pa.
Buffalo Bolt Co., N Tonawanda, N. Y.
Columbus Bolt Works Co., Columbus, O.
Foster Bolt & Nut Mfg. Co., Union av & E 72d, Cleveland, O.
Hall's Samuel Sons, 229 W 10th, New York
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lamson & Sessions Co., 2188 Scranton rd S W, Cleveland, O.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Maryland Bolt Co., Continental bldg, Baltimore, Md.
Michigan Bolt & Nut Wks. Detroit, Mich.
Moore Franklin Co., Winsted, Conn.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.
National Bolt & Nut Co., Pittsburgh, Pa.
Ohio Nut & Bolt Co., Berea, O.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction R. R., Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, O.
Rhode Island Tool Co., Providence, R. I.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Scranton Bolt & Nut Co., Scranton, Pa.
Standard Bolt Co., Columbus, O.
Western Automatic Machine Screw Co., Elyria, O.

1067— Bolts (Coupling)

Bethlehem Steel Co., So Bethlehem, Pa.
Chicago Screw Co., 13 N Jefferson, Chicago, Ill.
Cleveland Shaft Spring Co. ("Shiperd"), Cleveland, O.
Corbin Screw Corp., New Britain, Conn.
DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book
Gary Screw & Bolt Co. (Milled), Gary, Ind.
Hartford Machine Screw Co., Hartford, Conn.
Haskell Wm. H. Mfg. Co. (Nut, Tapped, etc), Pawtucket, R. I.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
National-Acme Mfg. Co. (Milled), 7500 Stanton av, S E. Cleveland, O.
Niagara Screw Co., Buffalo, N. Y.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pittsburgh Screw & Bolt Co. (Milled), Preble av, Pittsburgh, Pa.
Rhode Island Tool Co. (Milled Haxagon Heads & Nuts), Providence, R. I.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Scranton Bolt & Nut Co., Scranton, Pa.
Steel Products Co., 2206 Clarkwood av, S. E. Cleveland, Ohio
Upson Nut Co., Cleveland, O.
Western Automatic Machine Screw Co., Elyria, O.

1067a— *Bolts (Cremone)

Sargent & Co., New Haven, Conn.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

1068— Bolts (Cross Arm)

American Equipment Co., Norristown, Pa.
Barnes & Kobert Mfg. Co., Milldale, Conn.
Bethlehem Steel Co., So Bethlehem, Pa.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Michigan Bolt & Nut Wks, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Bolt & Nut Co., Pittsburgh, Pa.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

1069— Bolts (Crown-Bar)

Bethlehem Steel Co., So Bethlehem, Pa.
Gary Screw & Bolt Co., Gary, Ind.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.

Bolts (Cultivator Point)

See Bolts, Plow

Bolts (Cupboard)

See Bolts, Door & Window

1070—Bolts (Door, Emergency Exit)

Clark H. E. & Bros. (Brighton), Rochester, N. Y.
Columbia Iron & Wire Wks Co., Canton, O.
Corbin P. & F., New Britain, Conn.
Russell & Erwin Mfg. Co. ("Russwin Panic-Exit"), New Britain, Conn.
Sargent & Co. (Fire Exit), New Haven, Conn.

1071—Bolts (Door & Window)

Ankyra Mfg. Co., Wayne Junction, Phila., Pa.
Auer John Jr. (Wrought, Flush, Flat, Store Door & Drop Door or Gate Bolts), 199 Middleton, Brooklyn, N. Y.
Bolles Wm. B., P. O. Box 600, Milwaukee, Wis. *See adv index at end of book*
Brainerd Mfg. Co., E Rochester, N. Y.
Champion Hardware Co. ("Champion" Mortise Door), Geneva, O.
Clark H. E. & Bros. (Brighton "Safety"), Rochester, N. Y.
Columbus Brass Co., 538 Dublin av, Columbus, O. *See adv index at end of book*
Corbin Cabinet Lock Co. (Double Door, etc), New Britain, Conn.
Dent Hardware Co., Fullerton, Pa.
Enterprise Hardware Mfg. Co., Frederick, Md.
Enterprise Mfg. Co. (of Pa.), 3d & Dauphin, Phila, Pa.
Grey Iron Casting Co. (Cast), Mt. Joy, Pa.
Griffin Mfg. Co. (Wrought Steel), Erie, Pa.
Hardware Supply Co., Grand Rapids, Mich.
Highton Wm. & Sons Co. (Barn, Store, Door, etc.), Nashua, N. H.
Ives H. B. Co., New Haven, Conn.
McKinney Mfg. Co. (Door, Wrought Steel), N S, Pittsburgh, Pa.
Morewood Standard Safety Devices Co. (Panic), 253 B'way, New York
New England Bolt Co., Everett, Mass.
Norwalk Lock Co., So. Norwalk, Conn.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Peters Jas. & Son (Fire Door), 1934 N Front, Phila., Pa.
Pratt Wm. E. Mfg. Co. (Gravity Door), 35 W Lake, Chicago, Ill.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Safe Padlock & Hardware Co., Lancaster, Pa.
Sargent & Co., New Haven, Conn.
Sargent & Greenleaf Co. ("The Gem"), Rochester, N. Y.
Shelby Spring Hinge Co. (Wrought Steel), Shelby, O.
STANLEY WORKS ("Dickey" Door & "Cremorne" Window Spring), (Wrought Steel & Brass), New Britain, Conn. *See adv index at end of book*
Taylor & Boggis Foundry Co. (Chain & Foot, etc), Cleveland, O.
Tolman I. W. (Spring Window), Worcester, Mass. *See adv index at end of book*
Yale & Towne Mfg. Co., 9 E 40th, New York
Wrightsville Hardware Co. (Cast), Wrightsville, Pa.

1072— Bolts (Drift)

American Bolt Co., Birmingham, Ala.
American Equipment Co., Norristown, Pa.
Bayonne Bolt & Nut Co., Bayonne, N. J.
Bethlehem Steel Co., So Bethlehem, Pa.
Harry L. C. Co., 114 Liberty, New York
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Jones & Laughlin Steel Co. (Round & Square), Ross, Pittsburgh, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Larkin J. K. & Co., 34 Reade, New York *See adv index at end of book*
Maryland Bolt Co., Continental bldg, Baltimore, Md.
Michigan Bolt & Nut Wks, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Bolt & Nut Co., Pittsburgh, Pa.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
Pittsburgh Rivet Co. (Round & Square), 38th & Junction R R, Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, O.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn. *See adv index at end of book*
Scranton Bolt & Nut Co., Scranton, Pa.
Severence S. Mfg. Co., 3d, Pittsburgh, Pa.
Upson Nut Co., Cleveland, O.

1073— Bolts (Duplex Twin)

Star Expansion Bolt Co. ("Sebco"), 147 Cedar, New York

Bolts (Elevator)

See Bolts, Belt or Elevator

1074— Bolts (Expansion)

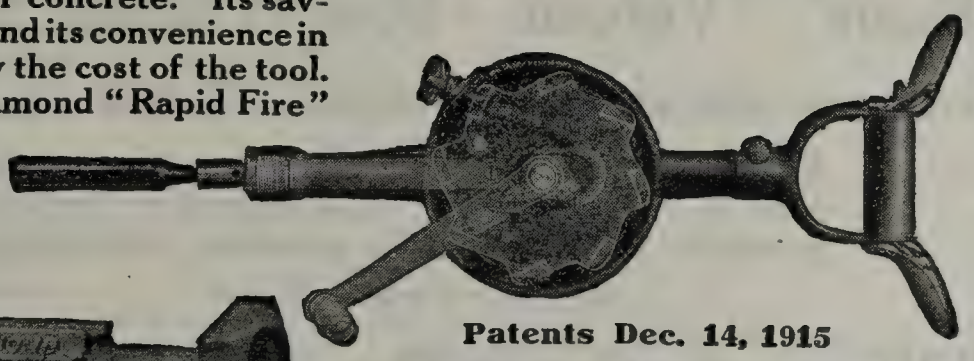
Ackerman-Johnson Co., 631 W Jackson blvd., Chicago, Ill.
American Expansion Bolt Co., 1752 Webster av, New York
Ankyra Mfg. Co ("Ankyra"), Wayne Junction, Phila., Pa.
Barrett Sales Co., 568 W Washington blvd, Chicago, Ill.
Brohard Co. ("Climax"), 3d & Lehigh, Phila., Pa.
Cameron Appliance Co., 48 Waters av, Everett, Mass.
Chicago Expansion Bolt Co. ("Chicago"), 111 N Jefferson, Chicago, Ill.
Chicago Nut Co. ("Ajax"), 2513 W 20th, Chicago, Ill.
Church Isaac H. ("O. K.," "Perfect," "Duplex"), South Norwalk, Conn.
Columbus Brass Co., 538 Dublin av, Columbus, O. *See adv index at end of book*
DIAMOND EXPANSION BOLT CO. ("Diamond," "Diamond N" & "Keystone," "Di-en-key," Brass & Iron), 89 West, New York *See adv index at end of book*
Elec. Railway Equipment Co., Cincinnati, O.
Electric Service Supplies Co. ("Keystone"), 17th & Cambria, Phila., Pa.
Evans F. H., Est. of ("Crescent"), 31 Hewes, Brooklyn, N. Y.
Garrison Brass & Machine Works ("Phillips"), 107 W 13th, New York.
Hubbard & Co. ("Pierce"), 63d & Butler, Pittsburgh, Pa.
Klein Mathias & Sons, 562 W Vanburen, Chicago, Ill.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
McCabe Hanger Mfg. Co., 425 W 25th, New York
Monarch Expansion Bolt Co., 4326 W 1st, Duluth, Minn.
National Lead Co. ("Cinch"), 111 B'way, New York
New England Bolt & Steel Co., Everett, Mass.
New Jersey Fdy. & Mach. Co., 90 West, New York
Paine Co. ("Paine"), 140 S Dearborn, Chicago, Ill.
Parker Supply Co. ("Parker"), 785 E 135th, New York
Richmond Screw Anchor Co., Pulitzer bldg, New York
Savage Expansion Bolt Corp., 9 Desbrosses, New York
St. Louis Malleable Casting Co., 7701 N Conduit, St. Louis, Mo.
Seaman A. C., 124 N 6th, Phila., Pa.

When writing to firms whose names appear in this book please mention HENDRICKS' COMMERCIAL REGISTER.

Diamond "Rapid Fire" Drill

THE most economical means of drilling holes in brick, stone or concrete. Its saving in time and labor, and its convenience in use will in a short time pay the cost of the tool.

One man using the Diamond "Rapid Fire" Drill can with less effort deliver more effective blows, with eight to twenty times the speed, than with a hand hammer.



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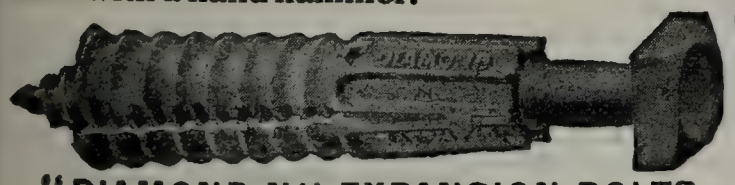

"DIAMOND N" EXPANSION BOLTS
For Use With Any Lag Screw

DIAMOND EXPANSION BOLTS

for securely fastening any kind of material to brick, stone or concrete.

"DIAMOND N" SCREW ANCHORS
For Use With Any Wood Screw

DIAMOND EXPANSION BOLT CO.

Manufacturers of DIAMOND SPECIALTIES
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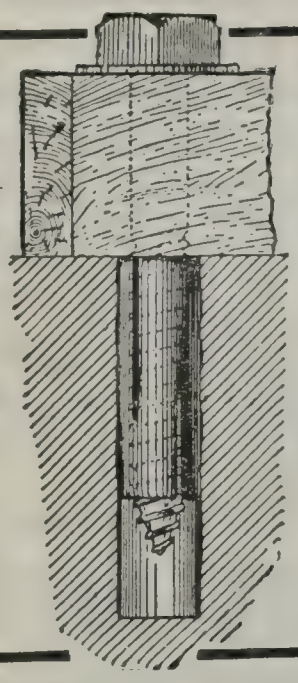

THE LITTLE GIANT EXPANSION SLEEVE

is *Unbreakable* and *Rust Proof*, has an even and uniform expansion the entire length of screw inserted, allowing the screw to make its own thread in the sleeve. The expansion begins at the first turn of screw, causing it to expand the outside of sleeve firmly against sides of hole, making a bind that is impossible to start, no pipe sleeve or wedge nut being required. These anchors are made of pure lead. The screw cuts its own thread easily.

Your attention is called to our New Anchor for ¼" Drill to be used with No. 4-5-6-7 and 8 Wood screws. Being the strongest small anchor made, they will not crack the marble or tile. Holds two tons—weight 5 ounces (official U. S. Government Test).

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371 ALLEN STREET, SPRINGFIELD, MASS.

BOLTS (EXPANSION)—continued

STANNARD MFG. CO., ("Little Giant"), 371 Allen, Springfield, Mass.
See adv index at end of book

STAR EXPANSION BOLT CO. ("Star" & "Sebco," All Kinds), 147 Cedar, New York

Steward & Romaine Mfg. Co. (For Concrete), 124 N 6th, Phila., Pa.

United States Expansion Bolt Co., 25 Elm, New York

Van Expansion Bolt Mfg. Co. ("Van"), 105 W Monroe, Chicago, Ill.

1075—Bolts (Expansion, Brass)

Star Expansion Bolt Co., 147 Cedar, New York

United States Expansion Bolt Co., Duane & Elm, New York

1076—*Bolts (Expansion, for Concrete Work)

DIAMOND EXPANSION BOLT CO. ("Diamond," "Diamond N" & "Keystone," "Di-en-key"), 89 West, New York *See adv index at end of book*

1077—*Bolts (Expansion, Single & Double)

DIAMOND EXPANSION BOLT CO., 89 West, New York
See adv index at end of book

1078— Bolts (Extension)

Taylor & Boggis Foundry Co. (Flush, etc), Cleveland, O.

Yale & Towne Mfg. Co., 9 E 40th, New York

Bolts (Eye)

See Bolts, Hook & Eye; also Bolts, Ring

1078a— Bolts (Flush)

Auer John Jr., 197 Middleton, B'klyn, N. Y.

Stanley Works, New Britain, Conn.
See adv index at end of book

Taylor & Boggis Fdy. Co., Cleveland, O.

1078b— *Bolts (Foot)

STANLEY WORKS, New Britain, Conn.
See adv index at end of book

1079— Bolts (Forged)

American Equipment Co., Norristown, Pa.

Bayonne Bolt & Nut Co., Bayonne, N. J.

Bethlehem Steel Co., So Bethlehem, Pa.

Columbus Bolt Works Co., Columbus, Ohio

DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book

Eagle Bolt & Forging Co. (Hot Forged), Cleveland, O.

Kansas City Bolt & Nut Co., Kansas City, Mo.

Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.

National Bolt & Nut Co., Pittsburgh, Pa.

Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

Page Storms Drop Forge Co., Chicopee, Mass.

Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.

St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

Tioga Steel & Iron Co., Phila., Pa.

Wharton Wm. Jr. & Co., Inc., Easton, Pa.

Williams J. H. & Co. (Eye Bolts, etc), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

1080— Bolts (Foundation)

American Equipment Co., Norristown, Pa.

Ankyra Mfg. Co., Wayne Junction, Phila., Pa.

Bayonne Bolt & Nut Co., Bayonne, N. J.

Bethlehem Steel Co., So Bethlehem, Pa.

Cleveland City Forge & Iron Co., Cleveland, O.

Continental Bolt & Iron Works, 2225 W 43d, Chicago, Ill.

ERIE CAR WORKS, 1150 W 17th, Erie, Pa.

Gary Screw & Bolt Co., Gary, Ind.

Graham Nut Co., Pittsburgh, Pa.

Harper F. C. Screw Works, 19 E 8th, Chicago, Ill.

Harry L C Co., 114 Liberty, New York

Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.

Kansas City Bolt & Nut Co., Kansas City

Lanz M & Sons, 2907 Carson, Pittsburgh, Pa.

Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book

Maryland Bolt Co., Continental bldg, Baltimore, Md.

Michigan Bolt & Nut Wks, Detroit, Mich.

Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.

National Bolt & Nut Co., Pittsburgh, Pa.

New Castle Steel & Iron Co., Pittsburgh, Pa.

Old Dominion Iron & Nail Works Co., Richmond, Va.

Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

Pittsburgh Forge & Iron Co., Chamber of Commerce bldg, Pittsburgh, Pa.

Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.

Pittsburgh Rivet Co., 38th & Junction R R., Pittsburgh, Pa.

Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.

Republic Iron & Steel Co., Youngstown, O.

Republic Structural Iron Wks Co., 1350 E 53d, Cleveland, O.

Rhode Island Tool Co., Providence, R. I.

St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book

Scranton Bolt & Nut Co., Scranton, Pa.

Wendt Albert H., 456 E 2d, Cincinnati, O.

Williams' "Vulcan" Drop-Forged Eye Bolts

Plain and Shoulder Patterns—Blank or Threaded

All are "heat-treated" after forging and each is "proof-tested" in a standard tension machine, thus absolutely assuring reliability.

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J. H. Williams & Co., "The Drop-Forging People"

Western Office and Warehouse:
31 South Clinton Street, Chicago, Ill.

General Offices:
31 Richards Street, Brooklyn, N. Y.

1081— Bolts (Galvanized)

American Equipment Co., Norristown, Pa.
Barnes & Kobert Mfg. Co., Milldale, Conn.
Bethlehem Steel Co., So Bethlehem, Pa.
Buffalo Bolt Co., Buffalo, New York
Empire Galvanizing Co., 2507 E Cumberland, Phila., Pa.
Galvanized Products Co., Phillipsburg, N. J.
Gary Screw & Bolt Co., Gary, Ind.
Harry L. C. Co., 114 Liberty, New York
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lamson & Sessions Co., 2188 Scranton rd, S W, Cleveland, O.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Bolt & Nut Co., Pittsburgh, Pa.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

1082— *Bolts (Garage Door)

Bolles Wm. B. (Also Fire Escape, Factory, School & Theatre Door), P. O. Box 600, Milwaukee, Wis.
See adv index at end of book
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

Bolts (Hanger)

See Screws, Hanger

1083— Bolts (Harvey Grip)

Bethlehem Steel Co., So Bethlehem, Pa.
Cleveland Wrought Products Co., W 58th & W. L. E. Belt Line, Cleveland, O.
Kansas City Bolt & Nut Co., Kansas City, Mo.

1084— Bolts (Heel)

American Bolt Co., Birmingham, Ala.
Bethlehem Steel Co., So Bethlehem, Pa.

1085— *Bolts (Hollow Tile)

Ankyra Mfg. Co. (For Making Fastenings in Hollow Tile Partitions), Wayne Junction, Phila, Pa.

1086— Bolts (Hook Head)

See also Bolts, Ring

Berry Bros. Columbus, O.
Bethlehem Steel Co., So Bethlehem, Pa.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Keystone Drop Forge Works (Weldless), Chester, Pa.
Maryland Bolt Co., Continental bldg, Baltimore, Md.
Mount Carmel Brass Foundry Works, Mount Carmel, Conn.
Pittsburgh Rivet Co., 38th & Junction R R, Pittsburgh, Pa.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Scranton Bolt & Nut Co., Scranton, Pa.
Steel Car Forge Co., Frick bldg, Pittsburgh, Pa.

1087— Bolts (Hook & Eye)

See also Bolts, Ring

American Bridge Co., 30 Church, New York
Auer John Jr., 199 Middleton, Brooklyn, N. Y.
Barnes & Kobert Mfg. Co., Milldale, Conn.
Bethlehem Steel Co., So Bethlehem, Pa.
Billings & Spencer Co. (Drop Forged Eye), Hartford, Conn.
Clark Bros. Bolt Co., Milldale, Conn.
See adv index at end of book
Cleveland City Forge & Iron Co., Cleveland, O.
Eureka Co. (Eye Bolts Only), North East, Pa.
Force Chas. C. & Son, Madison, N. J.
Foster Bolt & Nut Mfg. Co., Union av & E 72d, Cleveland, O.
Gary Screw & Bolt Co., Gary, Ind.
Hall's Samuel Sons (Forged), 229 W 10th, New York
Harrison Electric Co., 411 Van Brunt, Brooklyn, N. Y.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Jencks E. Mfg. Co. (Wrought), Worcester, Mass.
Joslyn Mfg. & Supply Co., Chamber of Comm. bldg, Chicago, Ill.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Keystone Drop Forge Works (Drop Forged), Chester, Pa.
Kirk-Latty Mfg. Co., W 85th (bet. Detroit & Madison av), Cleveland, O.
Lakeside Forge Co. (Drop Forged), Erie, Pa.
Lamson & Sessions Co., 2188 Scranton rd, S W, Cleveland, O.
Lanz M & Sons, 2907 Carson, Pittsburgh, Pa.
Laughlin Thos. Co. (Eye), Portland, Me.
Marine Hardware-Equipment Co. ("Acme" & "Mheco"), So Portland, Me.
MERRILL BROS. (Eye, Drop Forged), 3 Arnold, Maspeth (Boro of Queens), New York *See adv index at end of book*
Michigan Bolt & Nut Works, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
National Bolt & Nut Co., Pittsburgh, Pa.
New Castle Steel & Iron Co., Pittsburgh, Pa.
New England Bolt Co., Everett, Mass.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Page Storms Drop Forge Co. (Weldless Drop Forged, Blank or Threaded), Chicopee, Mass.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction R R, Pittsburgh, Pa.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, O.
Rhode Island Tool Co. (Blank or Threaded Steel Eye), Providence, R. I.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Sargent & Co. (Eye), New Haven, Conn.
Scranton Bolt & Nut Co., Scranton, Pa.
Steward & Romaine Mfg. Co., 124 N 6th, Phila., Pa.
Strieby & Foote Co. (Drop Forged), 301 Ogden, Newark, N. J.
Upson Nut Co., Cleveland, O.
Wilcox, Crittenden & Co. (Screw, Nut & Drive), Middletown, Conn.
Wilcox D. Mfg. Co. (Drop Forged Eye), Mechanicsburg, Pa.
Williams J. H. & Co. ("Vulcan" Drop Forged Weldless), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

1087a—Bolts (Insulated Suspension)

Cutter Geo. Co. ("Cutters"), South Bend, Ind.
Electrose Mfg. Co. ("Electrose"), 70 Washington, Brooklyn, N. Y.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Line Material Co., S Milwaukee, Wis.

1088— Bolts (Key)

Bayonne Bolt & Nut Co., Bayonne, N. J.
Bethlehem Steel Co., So Bethlehem, Pa.
Buffalo Bolt Co., Buffalo, N. Y.
Gary Screw & Bolt Co., Gary, Ind.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lamson & Sessions Co., 2188 Scranton rd, S W, Cleveland, O.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Maryland Bolt Co., Continental bldg, Baltimore, Md.
Michigan Bolt & Nut Works, ft of Meldrum, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Bolt & Nut Co., Pittsburgh, Pa.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction R R, Pittsburgh, Pa.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Scranton Bolt & Nut Co., Scranton, Pa.
Upson Nut Co., Cleveland, O.

1089— Bolts (King)

Bethlehem Steel Co., So Bethlehem, Pa.
DETROIT SCREW WORKS (Hardened & Ground, Automobile), 348 Franklin, Detroit, Mich.
See adv index at end of book
Harvey Spring & Forging Co. (Wagon), Racine, Wis.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.

1089a— Bolts (Lag)

See also Bolts, Screw & Nut Eye.

Bethlehem Steel Co., So. Bethlehem, Pa.
Columbus Bolt Works Co., Columbus, O.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

1090— Bolts (Loom)

Clark Bros. Bolt Co., Milldale, Conn.
See adv index at end of book
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Kirk-Latty Mfg. Co., W 85th (bet. Detroit & Madison av), Cleveland, O.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.
Pawtucket Mfg. Co., Pawtucket, R. I.
Standard Bolt Co., Columbus, O.
Upson Nut Co., Cleveland, O.

1091— Bolts (Machine)

American Bolt Co., Birmingham, Ala.
American Equipment Co., Norristown, Pa.
Ames W. & Co., Communipaw av, Jersey City, N. J.
Armstrong & Parker, Bath & North, Baltimore, Md.
Atlas Bolt & Screw Co., 1000 Ivanhoe rd, Cleveland, O.
Ballard Drop Forge Co., Seattle, Wash.
Barnes & Kobert Mfg. Co., Milldale, Conn.
Bassett D. M. Bolt Works, Shelton, Conn.
BAYONNE BOLT & NUT CO. (also Carriage), Bayonne, N. J.
Berry Bros., Columbus, Ohio.
Bethlehem Steel Co., So Bethlehem, Pa.
Buffalo Bolt Co., N Tonawanda, N. Y.
Cambria Steel Co., Widener bldg, Phila., Pa.
CLARK BROS. BOLT CO., Milldale, Conn.
See adv index at end of book
Cleveland Bolt & Mfg. Co., Cleveland, O.
Cleveland Wrought Products Co., W 58th & W. L. E. Belt Line, Cleveland, O.
Colorado Fuel & Iron Co., Denver, Colo.
Columbus Bolt Works Co., Columbus, O.
Continental Bolt & Iron Works, 2225 W 43d, Chicago, Ill.
Eastern Bolt & Nut Co., E Providence, Providence, R. I.
Foster Bolt & Nut Mfg. Co., Union av & E 72nd, Cleveland, O.
Gary Screw & Bolt Co., Gary, Ind.
Gaskell Wm. & Son, 59 Freeman, Brooklyn, N. Y.
Graham Mfg. Co., Cleveland, O.
Graham Nut Co., Pittsburgh, Pa.
Greenlie-Halliday Co., 499 Water, New York
Hallett Iron Works, Harvey, Ill.
Hall's Samuel Sons, 229 W 10th, New York
Harper F. C. Screw Wks, 19 E 8th, Chicago, Ill.
Harry L. C. Co., 114 Liberty, New York
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.

BOLTS (Machine)—continued
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Joslyn Mfg. & Supply Co., Chamber of Comm. bldg, Chicago, Ill.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Kirk-Latty Mfg. Co., W 85th (bet. Detroit & Madison av), Cleveland, O.
Lake Erie Iron Co., ft. of E 63rd, Cleveland, O.
Lamson & Sessions Co. ("Buckeye"), 2188 Scranton rd, S W, Cleveland, O.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Lebanon Valley Iron & Steel Co., Lebanon, Pa.
Link-Belt Co., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P & R Ry, Phila, Pa.
See adv index at end of book
Lorain Steel Co., Johnstown, Pa.
Maryland Bolt Co., Continental bldg, Baltimore, Md.
Michigan Bolt & Nut Works, Detroit, Mich.
Milton Mfg. Co., Milton, Pa.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.
National Bolt & Nut Co., Pittsburgh, Pa.
National Screw & Tack Co., Cleveland, O.
New Castle Steel & Iron Co., Pittsburgh, Pa.
New England Bolt Co., Everett, Mass.
Ohio Nut & Bolt Co., Berea, O.
Old Dominion Iron & Nail Works Co., Richmond, Va.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pittsburgh Forge & Iron Co., Chamber of Commerce bldg, Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction R. R., Pittsburgh, Pa.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Pottsville Bolt Co., Pottsville, Pa.
Republic Iron & Steel Co., Youngstown, O.
Rhode Island Tool Co., Providence, R. I.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Roe & Conover, 206 Frelinghuysen av, Newark, N. J.
See adv index at end of book
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
St. Louis Screw Co., Clarence & Bulver avs, St. Louis, Mo.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
Scranton Bolt & Nut Co., Scranton, Pa.
Shelton Company, Shelton, Conn.
Smith Thos. Co., Worcester, Mass.
Standard Bolt Co., Columbus, O.
Steel Car Forge Co., Frick bldg., Pittsburgh, Pa.
Toledo Screw Products Co., Toledo, O.
United States Automatic Co., Amherst, O.
Upson Nut Co., Cleveland, O.

1092— Bolts (Mooring)

Western Automatic Machine Screw Co., Elyria, O.

1093— *Bolts (Naval Brass)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

1094— Bolts (Neck)

National Screw & Tack Co. ("O. H. Fin"), Stanton av S E & C & P. Ry., Cleveland, O.
STANLEY WORKS (Wrought Steel), New Britain, Conn.
See adv index at end of book

1095—Bolts (Nut & Screw Ring)

Pheoll Mfg. Co., 5700 W 12th, Chicago, Ill.
Wilcox, Crittenden & Co., Middletown Conn.

1096— Bolts (Planer Head)

Chicago Screw Co., 13 N Jefferson, Chicago, Ill.
Corbin Screw Corporation, New Britain, Conn.
DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book
Gary Screw & Bolt Co., Gary, Ind.
Hartford Machine Screw Co., Hartford, Conn.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hope Wm. H. Co.e (Also Screws), Lowell, Mass.
National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.
Niagara Screw Co., Buffalo, N. Y.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Rhode Island Tool Co., Providence, R. I.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Smith Thos. Co., Worcester, Mass.
Western Automatic Mach. Screw Co., Elyria, O.

1097— Bolts (Plow)

Bethlehem Steel Co., So. Bethlehem, Pa.
CLARK BROS. BOLT CO., Milldale, Conn.
See adv index at end of book
Columbus Bolt Works Co., Columbus, O.
Foster Bolt & Nut Mfg. Co., Union av & E 72d, Cleveland, O.
Gary Screw & Bolt Co., Gary, Ind.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., Broad & Buttonwood, Philadelphia, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Kirk-Latty Mfg. Co., W. 85th (bet. Detroit & Madison av), Cleveland, O.
Lake Erie Iron Co., ft E 63d, Cleveland, Ohio
Lamson & Sessions Co., 2188 Scranton rd, S W, Cleveland, O.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Shelton Company, Shelton, Conn.
Standard Bolt Co., Columbus, O.
Towers & Sullivan Mfg. Co., Rome, Ga.
Upson Nut Co., Cleveland, Ohio

1098— *Bolts (Plumbers')

Ankyra Mfg. Co., Wayne Junction, Phila., Pa.

1099— Bolts (Ring)

Auer J. Jr., 199 Middleton av, Bklyn., N. Y.
Harvey Spring & Forge Co., Racine, Wis.
Laughlin Thos. Co., Portland, Me.
Marine Hardware-Equip. Co., So. Portland, Me.
Steel Products Co., 2206 Clarkwood av S E, Cleveland, Ohio
Union Forging Co., Union, N. Y.

Bolts (Roof)

See Bolts, Bridge & Structural

1100—Bolts (Screw & Nut Eye)

Ames W. & Co., Communipaw av, Jersey City, N. J.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Toledo Screw Products Co., Toledo, O.
Wilcox, Crittenden & Co., Middletown, Conn.

1101— Bolts (Shackle)

Blakeslee Forging Co. (Milled), Plantsville, Conn.
Buffalo Bolt Co., Buffalo, N. Y.
CLARK BROS. BOLT CO., Milldale, Conn.
See adv index at end of book
Columbus Bolt Works Co., Columbus, O.
DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book
Foster Bolt & Nut Mfg. Co., Union av & E 72d, Cleveland, O.
Fostoria Screw Co., Fostoria, O.
Kirk-Latty Mfg. Co., W 85th (bet. Detroit & Madison av), Cleveland, O.
Lamson & Sessions Co., 2788 Scranton rd, S W, Cleveland, O.
Moore Franklin Co.. Winsted, Conn.
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Steel Products Co., 2206 Clarkwood av S E, Cleveland, Ohio
Upson Nut Co., Cleveland, O.
Western Automatic Machine Screw Co., Elyria, Ohio

1102— Bolts (Shaft)

Columbus Bolt Works Co. (T Head Shaft), Columbus, O.
Corbin Screw Corporation (Reverse Helicoid), New Britain, Conn.
Eagle Bolt & Forging Co., Cleveland, O.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.

1103—*Bolts (Sheet Metal Fastening)

Ankyra Mfg. Co. (For Metal Sashes, Frames, etc), Wayne Junction, Phila., Pa.

1104— Bolts (Shutter)

Ankyra Mfg. Co., Wayne Junction, Phila., Pa.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
STANLEY WORKS (Wrought Steel), New Britain, Conn.
See adv index at end of book
Wrightsville Hardware Co., Wrightsville, Pa.

1105— Bolts (Sink)

American Screw Co., 21 Stevens, Providence, R. I.
Ankyra Mfg. Co., Wayne Junction, Phila., Pa.
Atlas Bolt & Screw Co. (Iron & Brass), 1000 Ivanhoe rd, Cleveland, O.
Berry Bros., Columbus, O.
Central Foundry Co., 90 West, New York
Corbin Screw Corporation, New Britain, Conn.
Foster Bolt & Nut Mfg. Co., Union av & E 72d, Cleveland, O.
Kirk-Latty Mfg. Co., W 85th (bet. Detroit & Madison av), Cleveland, O.
Lamson & Sessions Co., 2188 Scranton rd S W, Cleveland, O.
National Screw & Tack Co., Cleveland, O.
New England Bolt Co., Everett, Mass.
Ohio Nut & Bolt Co., Berea, O.
Reed & Prince Mfg. Co., Worcester, Mass.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Shelton Company, Shelton, Conn.
Upson Nut Co., Cleveland, O.

1106— Bolts (Sleigh Shoe)

Atlas Bolt & Screw Co., 1000 Ivanhoe rd, Cleveland, O.
Berry Bros., Columbus, O.
Clark Bros. Bolt Co., Milldale, Conn.
See adv index at end of book
Corbin Screw Corporation (Plain & Reverse Helicoid), New Britain, Conn.
Foster Bolt & Nut Mfg. Co., Union av & E 72d, Cleveland, O.
Kirk-Latty Mfg. Co., W 85th (bet. Detroit & Madison av), Cleveland, O
Lake Erie Iron Co., ft of E 63d, Cleveland, O.
Lamson & Sessions Co., 2188 Scranton rd S W, Cleveland, O.
Michigan Bolt & Nut Wks, Detroit, Mich.
Moore Franklin Co., Winsted, Conn.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Upson Nut Co., Cleveland, O.

1107— Bolts (Socket)

Bethlehem Steel Co., So Bethlehem, Pa.
Gary Screw & Bolt Co., Gary, Ind.
Marine Hardware Equipment Co. ("Acme" & "Mheco"), So. Portland, Me.

1107a— *Bolts (Special)

Roe & Conover, 206 Frelinghuysen av, Newark, N. J.
See adv index at end of book

1108—Bolts (Split Pipe, Expansion)

Steward & Romaine Mfg. Co., 124 N 6th, Phila., Pa.

1109— Bolts (Spring)

Bowen Products Corp., Auburn Div., 357 Canal, Auburn, N. Y.
Clark Bros. Bolt Co., Milldale, Conn.
See adv index at end of book
Fostoria Screw Co., Fostoria, O.
Stanley Works, New Britain, Conn.
See adv index at end of book
Lander, Nary & Clark, New Britain, Conn.
Steel Products Co., 2206 Clarkwood av S E, Cleveland, Ohio
Upson Nut Co., Cleveland, O. and Unionville, Conn.
Zerk Mfg. Co. ("Zerk"), Cleveland, O.

1109a— Bolts (Square)

Jones & Laughlin Steel Co., Ross, Pittsburg, Pa.
Pittsburg Rivet Co., 38th & Junction R R, Pittsburg, Pa.
Stanley Works, New Britain, Conn.
See adv index at end of book

1110— Bolts (Stay)

See also Bolts, Boiler Stay

American Flexible Bolt Co. ("American" Flexible), Union Bank bldg, Pittsburgh, Pa.
Breakless Staybolt Co., Pittsburg, Pa.
Falls Hollow Staybolt Co., Cuyahoga Falls, Ohio
Flannery Bolt Co. ("Tate" Flexible), Vanadium bldg, Pittsburgh, Pa.
Flexible Bolt Co. ("Breakless" Flexible), Thompson av, Pittsburgh, Pa.
Fort Wayne Rolling Mill Corp., Fort Wayne, Ind.
Hall's Samuel Sons, 229 W 10th, New York
Hendricks Bros. (Copper), 49 Cliff, New York
Hoopes & Townsend Co. (Hollow & Solid Steel), Broad & Buttonwood, Phila, Pa.
Lanz M. & Sons, 2907 Carson, Pittsburg, Pa.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

1111—Bolts (Steering Knuckle)

Peninsular Milled Screw Co., Detroit, Mich.

1112— Bolts (Stove)

American Equipment Co., Norristown, Pa.
AMERICAN SCREW CO., 21 Stevens, Providence, R. I.
Atlas Bolt & Screw Co., 1000 Ivanhoe rd, Cleveland, O.
Berry Bros., Columbus, O.
Clark Bros. Bolt Co., Milldale, Conn.
See adv index at end of book
Columbus Bolt Works Co., Columbus, O.
Corbin Screw Corporation, New Britain, Conn.
Fanner Mfg. Co., Cleveland, O.
Gary Screw & olt Co., Gary, Ind.
HARPER F. C. SCREW WORKS, 19 E 8th, Chicago, Ill.
Ireland & Mat.ews Mfg. Co., 51 Iron, Detroit, Mich.
Kirk-Latty Mfg. Co. W 85th (bet. Detroit & Madison av), Cleveland, O.
Lamson & Sessions Co., 2188 Scranton rd S W, Cleveland, O.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Londeluis C. A. & Sons Co., 847 W 63rd, Chicago, Ill.
Merchant & Evans, 2035 Washington av, Philadelphia, Pa.
See adv index at end of book
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Lock Co., Rockford, Ill.
National Screw & Tack Co., Cleveland, O.
New England Screw Co., 44 Farnsworth, Boston, Mass.
Ohio Nut & Bolt Co., Berea, O.
Reading Screw Co. (Also Nickel Plated), Norristown, Pa.
Reed & Prince Mfg. Co., Worcester, Mass.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Shelton Company, Shelton, Conn.
Upson Nut Co., Cleveland, O.

1113—Bolts (Stove Pipe Joint)

Brodin Pattern & Supply Wks, 2418 W 16th, Chicago, Ill.

1114—Bolts (Strap, Wagon Box)

Bethlehem Steel Co., So Bethlehem, Pa.
Excelsior Fence Co., Spokane, Wash.
Harvey Spring & Forging Co., Racine, Wis.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.

1115— Bolts (Stud)

Bethlehem Steel Co., So Bethlehem, Pa.
Buffalo Bolt Co., Buffalo, N. Y.
Chicago Screw Co., 13 N Jefferson, Chicago, Ill.
Clark Bros. Bolt Co., Milldale, Conn.
See adv index at end of book
Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, O.
Corbin Screw Corp., New Britain, Conn.
DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book
Eastern Bolt & Nut Co., E Providence, Providence, R. I.
Ferry Cap & Set Screw Co., 2151 Scranton rd S W, Cleveland, O.
Gary Screw & Bolt Co. (Rough & Milled), Gary Ind.
Greenlie-Halliday Co., 499 Water, New York
Hall's Samuel Sons, 229 W 10th, New York
Hartford Machine Screw Co., Hartford, Conn.
Harper F. C. Screw Works, 19 E 8th, Chicago, Ill.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hill Geo. Q. Co. Framingham, Mass.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Kirk-Latty Mfg. Co., W 85th (bet. Detroit & Mad. av), Cleveland, O.
Lamson & Sessions Co., 2188 Scranton rd S W, Cleveland, O.
Lanz M. & Sons, 2907 Carson, Pittsburg, Pa.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Maryland Bolt Co., Continental bldg, Baltimore, Md.
Michigan Bolt & Nut Works (Rough), Detroit, Mich.
Milton Mfg. Co., Milton, Pa.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National-Acme Mfg. Co., 7500 Stanton av S E, Cleveland, O.
National Bolt & Nut Co., Pittsburgh, Pa.
New England Bolt Co., Everett, Mass.
Pawtucket Mfg. Co., Pawtucket, R. I.
Phila. Machine Screw Works, 624 Race, Phila., Pa.
Pittsburgh Screw & Bolt Co. (Rough & Milled), Preble av., Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, O.
Rhode Island Tool Co., Providence, R. I.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Roe & Conover, 206 Frelinghuysen av, Newark, N. J.
See adv index at end of book
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Scranton Bolt & Nut Co., Scranton, Pa.
Smith Thos. Co., Worcester, Mass.
Standard Bolt Co., Columbus, O.
Steel Products Co., 2206 Clarkwood av S E, Cleveland, Ohio
Strieby & Foote Co., 301 Ogden, Newark, N. J.
Upson Nut Co., Cleveland, O.
Western Automatic Mach. Screw Co., Elyria, O.

1116— Bolts (Swing or Eye)

Jencks E. Mfg. Co. (Wrought), Worcester, Mass.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Parker Wire Goods Co. (Wrought), Worcester, Mass.

1117— Bolts (Tap)

Atlas Bolt & Screw Co., 1000 Ivanhoe rd, Cleveland, O.
Bethlehem Steel Co., So Bethlehem, Pa.
Buffalo Bolt Co., Buffalo, N. Y.
Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, O.
CLARK BROS. BOLT CO. (& Set-Screws), Milldale, Conn.
See adv index at end of book
DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book
Foster Bolt & Nut Mfg. Co., Union av & E 72d, Cleveland, O.
Gary Screw & Bolt Co., Gary, Ind.
Greenlie, Wyatt & Co., 499 Water, New York
Hall's Samuel Sons, 229 W 10th, New York
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Kirk-Latty Mfg. Co., W 85th (bet. Detroit & Mad. av), Cleveland, O.
Lake Erie Iron Co., ft of E 63rd, Cleveland, Ohio
Lamson & Sessions Co., 2188 Scranton rd S W, Cleveland, O.
Lanz M. & Sons Co., 2907 Carson, Pittsburgh, Pa.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Maryland Bolt Co., Continental bldg, Baltimore, Md.
Michigan Bolt & Nut Works (Forged), Detroit, Mich.
Milton Mfg. Co., Milton, Pa.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
New England Bolt Co., Everett, Mass.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, O.
Rhode Island Tool Co., Providence, R. I.
Rockford Bolt Co., 60 Mill. Rockford, Ill.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Scranton Bolt & Nut Co., Scranton, Pa.
Smith Thos. Co., Worcester, Mass.
Upson Nut Co., Cleveland, O.
Western Automatic Machine Screw Co., Elyria, O.

Hendricks' Commercial Register

is a Complete Register of the manufacturers in lines of trade that come within the scope of the work.

The concerns who advertise, or whose names are in bold face type, are those who are able and willing to do a National trade. Write to them and mention

Hendricks' Commercial Register

1118— Bolts ("T" Head)

American Equipment Co., Norristown, Pa.
Buffalo Bolt Co., Buffalo, N. Y.
Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, O.
Eagle Bolt & Forging Co., Cleveland, O.
Gary Screw & Bolt Co., Gary, Ind.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Bolt & Nut Co., Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction R R, Pittsburgh, Pa.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

1119— Bolts (Thumb)

Hall's Samuel Sons, 229 W 10th, New York
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Western Automatic Machine Screw Co., Elyria, Ohio

1120— Bolts (Tire)

AMERICAN SCREW CO., 21 Stevens, Providence, R. I.
Atlas Bolt & Screw Co., 1000 Ivanhoe rd, Cleveland, O.
Berry Bros., Columbus, O.
Clark Bros. Bolt Co., Milldale, Conn.
See adv index at end of book
Columbus Bolt Works Co., Columbus, O.
Corbin Screw Corporation, New Britain, Conn.
Foster Bolt & Nut Mfg. Co., Union av & E 72nd, Cleveland, O.
Haydon A. & M., 304 N 22d, Phila., Pa.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Kirk-Latty Mfg. Co., W 85th (bet. Detroit & Mad. av), Cleveland, O.
Lamson & Sessions Co. ("Buckeye"), 2188 Scranton rd S W, Cleveland, O.
National Screw & Tack Co., Cleveland, O
New England Bolt Co., Everett, Mass.
New England Screw Co., 44 Farnsworth, Boston, Mass.
Ohio Nut & Bolt Co., Berea, O.
Reading Screw Co., Norristown, Pa.
Reed & Prince Mfg. Co., Worcester, Mass.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Russell Burdsall & Ward Bolt & Nut Co., ("Empire") Port Chester, N. Y.
Skelly Thos. P. Bolt Co., 24th & Carlton, Phila., Pa.
Upson Nut Co. (Common & "Philadelphia"), Cleveland, O.

1121—*Bolts (Tobin Bronze)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

1122— Bolts (Toggle)

Ankyra Mfg. Co. ("Ankyra"), Wayne Junction, Phila., Pa.
Bethlehem Steel Co., So Bethlehem, Pa.
Bonnell W. A. Co., 132 Church, New York
Chicago Expansion Bolt Co. ("Chicago"), 111 N Jefferson, Chicago, Ill.
Chicago Nut Co. ("Ajax"), 617 W Jackson blvd, Chicago, Ill.
Church Isaac H., South Norwalk, Conn.
Cutter Geo. Co., South Bend, Ind.
DIAMOND EXPANSION BOLT CO. ("Diamond" Iron, Steel & Brass), 89 West, New York *See adv index at end of book*
Garrison Brass & Mach. Wks., 149 W 35th, New York
Grabler Mfg. Co., Cleveland, O.
McGill Mfg. Co. ("Crescent"), 26 Oak, Valparaiso, Ind.
See adv index at end of book
National Metal Molding Co., 1110 Fulton Bldg, Pittsburgh, Pa.
Paine Co., 140 S. Dearborn, Chicago, Ill.
Parker Supply Co., 785 E 135th, New York
STAR EXPANSION BOLT CO., ("Sebco," "Star" All Kinds), 147 Cedar, New York
Steward & Romaine Mfg. Co., 124 N 6th, Phila., Pa.
Waldman John J., 136 Liberty, New York
W. S. Expansion Bolt Co., Duane & Elm, New York
Wrigley Thos. Co. ("Wrigley," Patented Steel), 504 Sherman, Chicago, Ill.

1123—Bolts (Toggle, Boiler Patch)

Star Expansion Bolt Co., 147 Cedar, New York
Steward & Romaine Mfg. Co. (For Range Boilers), 124 N 6th, Phila., Pa.

1124— Bolts (Track)

American Bolt Co., Birmingham, Ala.
American Equip. Co. (Steel), Norristown, Pa.
Ames W. & Co., Communipaw av, Jersey City, N. J.
Ballard Drop Forge Co. ("Ballard"), Seattle, Wash.
Bayonne Bolt & Nut Co., Bayonne, N. J.
Bethlehem Steel Co. ("Never Turn," "Mayari"), So. Bethlehem, Pa.
Buffalo Bolt Co., Buffalo, N. Y.
Cambria Steel Co., Widener bldg, Phila., Pa.
Colorado Fuel & Iron Co., Denver, Colo.
Continental Bolt & Iron Works, 2225 W 43rd, Chicago, Ill.
Foster Bolt & Nut Mfg. Co., Union av & E 72nd, Cleveland, O.
Hoopes & Townsend Co., Broad & Buttonwood, Philadelphia, Pa.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Illinois Steel Co., 208 S La Salle, Chicago, Ill.
Inland Steel Co., First Nat'l Bank bldg. Chicago, Ill.
Judson Mfg. Co., 819 Folsom, San Francisco, Cal.
Kansas City Bolt & Nut Co. ("Harvey Grip"), Kansas City, Mo.
Kirk-Latty Mfg. Co., W 85th (bet. Detroit & Mad. av), Cleveland, O.
Lake Erie Iron Co., ft of E 63rd, Cleveland, O.
Lamson & Sessions Co., 2188 Scranton rd S W, Cleveland, O.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Maryland Bolt Co., Continental bldg, Baltimore, Md.
Michigan Bolt & Nut Wks, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Bolt & Nut Co., Pittsburgh, Pa.
New Castle Steel & Iron Co., Pittsburgh, Pa.
New England Bolt Co., Everett, Mass.
Oliver Iron & Steel Co. (Threads Rolled or Cut in Oil), S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Forge & Iron Co., Chamber of Commerce bldg, Pittsburgh, Pa.
Pottsville Bolt Co., Pottsville, Pa.
Republic Iron & Steel Co., Youngstown, O.
Roe & Conover, 206 Frelinghuysen av, Newark, N. J.
See adv index at end of book
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Scranton Bolt & Nut Co., Scranton, Pa.
Steel Car Forge Co. (Rolled or Cut Thread), Frick bldg, Pittsburgh, Pa.
Upson Nut Co., Cleveland, O.

1124a— *Bolts (Transom)

Stanley Works, New Britain, Conn.
See adv index at end of book

1125—*Bolts (Trolley Span, Wire Work)

Standard Supply & Equipment Co., Cherry & 13th, Phila., Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

1126— Bolts ("U")

See also Staples, Nutted

American Equipment Co., Norristown, Pa.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Bolt & Nut Co., Pittsburgh, Pa.
Ohio Nut & Bolt Co., Berea, O.
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction R R, Pittsburgh, Pa.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Upson Nut Co., Cleveland, O.

1127—*Bolts (Wall Fixture)

Ankyra Mfg. Co., Wayne Junction, Phila., Pa.

1128— *Bolts (Wall Plate)

Ankyra Mfg. Co., Wayne Junction, Phila., Pa.
Republic Structural Iron Wks. Co., 1350 E 53rd, Cleveland, O.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book

1129—Bolts (Water Closet Indicator)

Ankyra Mfg. Co., Wayne Junction, Phila., Pa.
Columbus Brass Co., 538 Dublin av, Columbus, O. *See adv index at end of book*
Edwardsville Brass Co., Edwardsville, Ill.
Penn Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Yale & Towne Mfg. Co., 9 E 40th, New York

1130— Bolts (Whiffletree)

Atwater Mfg. Co., Plantsville, Conn.
Columbus Bolt Works Co., Columbus, O.
Eagle Bolt & Forging Co., Cleveland, O.
Lamson & Sessions Co., 2188 Scranton rd S W, Cleveland, O.
Moore, Franklin Co., Winsted, Conn.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Upson Nut Co., Cleveland, O.

1130a— *Bolts and Nuts

RYERSON JOS. T. & SON (Merchants), 2558 W 16th, Chicago, Ill.; 2218 N 2d, St. Louis, Mo.; 30 Church, New York; 726 Ford bldg, Detroit, Mich
Trum E. J., Inc., 57 3rd, Brooklyn, N. Y.

1131— Bone-Ash

Chrystal Chas. B. (Imp.), 13 Cliff, New York *See adv index at end of book*
Denver Fire Clay Co., Denver, Colo.
Drakenfeld B. F. & Co. (Dealer), 50 Murray, New York
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Heil Henry Chemical Co. (Imported), St. Louis, Mo.
Wiarda Jno. C. & Co. (White), 273 Greene, Brooklyn, N. Y.

1132— Bone Black

See also Rawbone, Granulated

American Agricultural Chemical Co., 2 Rector, New York
Baker H. J. & Bro. (Discard, Dissolved, etc Dealers), 81 Fulton, New York
Baugh & Sons Co., 20 S Delaware av, Phila., Pa.
Binney & Smith Co. (& Blacks of Every Description), 81 Fulton, New York
Fezandie Felix, 205 Fulton, New York
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
Harshaw Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Listers Agricultural Chemical Works, 2 Rector, New York
Michigan Carbon Works, Delray, Detroit, Mich.
Seaver & Co., 120 Milk, Boston, Mass.
Siemon & Elting, 99 Nassau, New York
Smith J. Lee & Co., 19 Jacob, New York
Uhlich Paul & Co. (Selling Agent), 11 Cliff, New York

1133— Bone Dealers

Baker H. J. & Bro. (Rough & Ground, Imp), 81 Fulton, New York
Brand Herman, 404 E 48th, New York
Consolidated Rendering Co., 40 N Market, Boston, Mass.
Dold Jacob, Packing Co. (Steamed Bone), Buffalo, N. Y.
Hollingshurst & Co. (Importers), 66 Beaver, New York
Pittsburgh Provision & Packing Co. (Sawed, etc), Herrs Island, Pittsburgh, Pa.
Van Iderstine Co. (Steamed Ground). Long Island City, New York
White Thos. H. & Co., 11 S Gay, Baltimore, Md.
Wilson & Co., 41st & Ashland av, Chicago, Ill.

1134— Bone (Ground)

Baugh & Sons Co., 20 S Delaware av, Phila., Pa.
Bell & Gossett (Case-Hardening), 609 W 30th, Chicago, Ill.
Dockwiler & Kingsbury Co., Indianapolis, Ind.
Hafleigh & Co. Cambria & No American, Phila., Pa.
Page Carroll S., Hyde Park, Vt.
Pittsburgh Provision & Packing Co., Herrs Isl., Pittsburgh, Pa.
Rogers Mfg. Co., Rockfall, Conn.
Rogers & Hubbard Co., Middletown, Conn.
Wilson & Co., 41st & Ashland av, Chicago, Ill.

1135— Bone-Meal

See also Bone-Black; also Rawbone, Granulated
American Agricultural Chemical Co., 2 Rector, New York
Armour Fertilizer Works, U. S. Yards, Chicago, Ill.
Baker H. J. & Bro. (Importers of Calcutta, Bombay, etc), 81 Fulton, New York
Baugh & Sons Co., 20 S. Delaware av, Phila., Pa.
Consolidated Rendering Co., 40 N Market, Boston, Mass.
Cooper's Peter Glue Factory. 11th av & 28th, Brooklyn, N. Y.
Hawaiian Fertilizer Co., Honolulu, Hawaii
Hafleigh & Co., Cambria & No. America, Phila., Pa.
Heller Jos. S. (Imp.), 62 William, New York
Hollingshurst & Co. (Raw Imp.), 66 Beaver, New York
Munro Robt. A. & Co. (Imp.), 25 Pine, New York
Nitrate Agencies Co. (Imp.), 102 Pearl, New York
Pittsburgh Provision & Packing Co. (Raw), Herrs Isl, Pittsburgh, Pa.
Swift & Co., Union Stock Yards, Chicago, Ill.
White Thos. H. & Co. (Importers), 11 S Gay, Baltimore, Md.

1135b—*Book Binding Material (Leather Type)

Du PONT FABRIKOID COMPANY (Book Finish Fabrikoid: A superb book binding material of the leather type), Wilmington, Del.

1136— Book Cases

Acme Kitchen Furniture Co., Chattanooga, Tenn.
Aimone Mfg. Co. (Combination), 430 E 23d, New York
Andrews A. H. Co. (Combination, Revolving & Sectional), 115 S Wabash av, Chicago, Ill.
Automatic File & Index Co. (Sectional), Green Bay, Wis.
Buchanan Cabinet Co. (Revolving), Buchanan, Mich.
Canton Furniture Mfg. Co. (Sectional & Revolving), Canton, O.
Central Wood Turning Co. (To Order) 610 N E Main, Minneapolis, Minn.
Conrey D. L. Furniture Co. (Combination), Shelbyville, Ind.
Co-Operative Furniture Co. (Combination), Rockford, Ill.
Derby Desk Co., Somerville, Mass.
Dexter H. C. Chair Co. (Mission), Black River, N. Y.
Diven Mfg. Co. (Sectional), Elmira, N. Y.
Dornette J. & Bro. Co. (Sectional), 1250 Harrison av. Cincinnati, O.
Globe-Wernicke Co. (Sectional), 25 Carthage av, Cincinnati, O.
Grand Rapids Bookcase & Chair Co., Hastings, Mich.
Gunn Furniture Co. (Sectional), Grand Rapids, Mich.
Hale F. E. Mfg. Co. (Sectional), Herkimer, N. Y.
Humphrey-Widman Bookcase Co. (Sectional), Kirby & 14th, Detroit, Mich.
Ideal Desk Co. (Sectional Folding), Auburn, Me.
Library Bureau (Sectional), 43 Federal, Boston, Mass.
Lundstrom C. J. Mfg. Co. (Sectional), Little Falls, N. Y.
Macey Co. (Sectional), Grand Rapids, Mich.
New Farson Mfg. Co., Chester, Pa.
Rockford Standard Furniture Co. (Combination), Rockford, Ill.
Sargent Mfg. Co. (Revolving), Muskegon, Mich.
SNEAD & CO. IRON WORKS (Metallic), 98 Pine, Jersey City, N. J. *See adv index at end of book*
Terrill's Equipment Co. (Steel), B'way, Grand Rapids, Mich.
Udell Works, Indianapolis, Ind.
Weis Mfg. Co. ("Weis" Sectional), Monroe, Mich.
Widman J. C. Bookcase Co. (Sectional) Detroit, Mich.

Book Stacks (Fire-Proof)

See Library Shelving & Fittings, Metallic

1137—Books (Copying, Letter)

Bailey Mfg. Co., Berlin, Conn.
Boorum & Pease Co., 109 Leonard, New York
Bushnell Alvah Co. Phila., Pa.
Mann, Wm. Co., Phila., Pa.
New York Blank Book Co., 316 Hudson, New York
Razall H. G. Mfg. Co., 300 7th av, Milwaukee, Wis.
Shaw J. G. (The) Blank Book Co., 72 Walker, New York
Whittelsey F. H. Co., Windsor Locks, Conn.

1137a— Books (Coupon)

Allison Coupon Co., Indianapolis, Ind.
Rand McNally & Co. (Self-Indicating), 538 S Clark, Chicago, Ill.
Southern Coupon Co., Birmingham, Ala.

1138— Books (Field)

Keuffel & Esser Co., Hoboken, N. J.

1139— Books (Level)

Keuffel & Esser Co., Hoboken, N. J.

1140— *Books (Meter)

BUFFALO METER CO., 2921 Main, Buffalo, N. Y. *See adv index at end of book*

1141— *Booms (Loading)

Fairmont Mining Machy. Co., Fairmont, W. Va.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O. *See adv index at end of book*
LINK-BELT CO. (For Coal, etc), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa. *See adv index at end of book*

1142— Boosters (Electric)

Crocker-Wheeler Co., Ampere, N. J.
Ridgway Dynamo & Engine Co., Ridgway, Pa.
Triumph Electric Co., Oakley, Cincinnati, Ohio *See adv index at end of book*

1143— Boosters (Gas)

Ingersoll-Rand Co., 11 Broadway, New York *See adv index at end of book*
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass. *See adv index at end of book*

1143a— Boosters (Vacuum)

Schutte & Koerbing Co., 1251 N 12th, Phila., Pa.

1144—Booths (Moving Picture Machine)

Duluth Corrugating & Roofing Co. (Fire Proof, Portable), Duluth, Minn.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O. *See adv index at end of book*
Johns H. W.-Manville Co. ("J.-M," Asbestos, Wood & Cloth), Madison av & 41st, New York
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Stirrup Mfg. Co., 257 Greenwich, New York

Booths (Telephone)

See Telephone Cabinet Work

1145— Bootjacks

Estes E. B. & Sons, 364 Fifth av, New York *See adv index at end of book*
Grey Iron Casting Co. (Cast), Mt. Joy, Pa.
Nicol & Co. ("Bull Dog"), 218 N Jefferson, Chicago, Ill.

1146— Boots (Elevator)

Barnard & Leas Mfg. Co. ("Perfection," etc, Iron or Wood), Moline, Ill.
BARTLETT C. O. & SNOW CO., French st, Cleveland, O. *See adv index at end of book*
Batavia Engineering Works, Batavia, Ill.
Caldwell H. W. & Son Co. ("Caldwell" Self-Oiling, etc), 17th & Western av, Chicago, Ill.
Caldwell W. E. Co., Brook, Louisville, Ky. *See adv index at end of book*
Chain Belt Co., Milwaukee, Wis.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Graver Wm. Tank Works, East Chicago, Ind.
Great Western Mfg. Co., Leavenworth, Kans.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
LINK-BELT COMPANY, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa. *See adv index at end of book*
Littleford Bros. (Steel), 444 E Pearl, Cincinnati, O.
Marseilles Co., East Moline, Ill.
Moore & Lorenz Co., 2144 W Fulton, Chicago, Ill.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Skillin & Richards Mfg. Co., 4520 Cortland, Chicago, Ill.
Specialty Engineering Co., Trenton & Allegheny, Phila., Pa.
Standard Sand & Machine Co., 5150 St. Clair av, Cleveland, O.
United Iron Works Co., Kansas City, Mo.
Walker & Elliott ("Wood & Iron"), 2d & Lombard, Wilmington, Del.
Webster Mfg. Co., Tiffin, O.
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.
Wolf Co., Chambersburg, Pa.

1147—Boots (Horse Lawn, Etc.)

Curtis Dexter Co., Madison, Wis.
Fennell John J. & Sons, Cynthiana, Ky.
Langstroth T. W., 77 Warren, New York
Zink Collar Pad Co., Buchanan, Mich.

1148— Boots (Hunting)

Arrah-Wanna Moccasin Co., Brockton, Mass.
Witchell-Sheill Co. ("Witch-Elk"), 168 Brooklyn, Detroit, Mich.

1149—Boots (Leather, Wooden Sole)

Riemer Albert H. Shoe Co., 431 29th, Milwaukee, Wis.

1150—Boots (Sewer Connection)

Canton Foundry & Machine Co., Canton, O.
Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.

1151—Boots (Steering Knuckle)

Allen Auto Specialty Co., 16 W 61st, New York
Gilbert Mfg. Co., New Haven, Conn.

1152—Boots & Shoes (Felt)

American Felt Co., 100 Summer, Boston, Mass.
Beatty Felting Co. (Shoes & Slippers), Mishawaka, Ind.
Blum Shoe Mfg. Co. (Also Wool Lined), Dansville, N. Y.
Dolgeville Felt Shoe Co., Dolgeville, N.Y.
Draper Bros. Co., Canton, Mass.
Green Daniel Felt Shoe Co., Boston, Mass.
Hastings Wool Boot Co., Hastings, Mich.
Little Falls Felt Shoe Co., Little Falls, N. Y.
Medford Woolen Mfg. Co., Medford, Mass.
Standard Felt Co., Alhambra, Cal.

1153—Boots & Shoes (Rubber)

American Rubber Co., 130 Essex, Boston, Mass.
Apsley Rubber Co., Hudson, Mass.
Banner Rubber Co., Keurick & Bittner, St. Louis, Mo.
Bates J. E. & Co. ("Ironwear" Leather Sole), 202 Church, New York
Beacon Falls Rubber Shoe Co., Beacon Falls, Conn.
Boston Rubber Shoe Co., Malden Mass.
Bourn Rubber Co., 58 Warren, Providence, R. I.
Candee L & Co., New Haven, Conn.
Converse Rubber Shoe Co., Malden, Mass.
Goodrich B. F. Co., Akron, O.
Goodyear's Metallic Rubber Shoe Co., Naugatuck, Conn.
Goodyear Rubber Co., 539 Mission, San Francisco, Cal.
Hood Rubber Co., Watertown, Mass.
La Crosse Rubber Mills Co., La Crosse, Wis.
Lambertville Rubber Co., Lambertville, N. J.
Mishawaka Woolen Mfg. Co., Mishawaka, Ind.
Mulconroy Co. ("7 League," Leather Soled with Iron Heels), 54th & Jefferson, Phila., Pa.
National India Rubber Co., Bristol, R. I.
Pioneer Shoe & Rubber Co., 27 No 3d, Minneapolis, Minn.
Rubberhide Co. ("Rubberhide" Leather Sole), 212 Essex, Boston, Mass.
Woonsocket Rubber Co., Woonsocket, R. I.

1154—Boots & Shoes (Wool)

Hastings Wool Boot Co., Hastings, Mich.
Michigan Wool Boot Co., Hastings, Mich.
Mishawaka Woolen Mfg. Co., Mishawaka, Ind.

1155— Borax

C. P. N. CHEMICAL CO., INC., 78 Reade, New York & 731 W Huron, Chicago, Ill.
Croton Chemical Co. (Refined), 14 Cedar, New York
Denver Fire Clay Co. (Glass), Denver, Colo.
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Heil Henry Chemical Co. (Borax Glass), St. Louis, Mo.
McIlvane Bros. (Powder), 1500 Hamilton, Phila., Pa.
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Pacific Coast Borax Co. (Refined), Oakland, Cal., & Bayonne, N. J.
Pfizer Chas. & Co. (Crystals, Powdered & Granular), 81 Maiden la, New York
Rhodes Salt & Borax Co., San Francisco, Cal.
Thorkildsen-Mather Co. ("Sterling"), 111 W Monroe, Chicago, Ill.
Wiarda Jno. C. & Co., 273 Greene, Brooklyn, N. Y.

1156— Borers (Bung Hole)

Buecker Henry F., Newport, Ky.
ELMES CHAS. F. ENGINEERING WKS INC., cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
Enterprise Mfg. Co. (of Pa.), 3d & Dauphin, Phila., Pa.
Hynson Tool & Supply Co. ("Hynson" Borer & Reamer), 4758 Easton av, St. Louis, Mo.
Oram John S Co. ("Oram's" Hand), Cleveland, O.
Redlich Mfg. Co., 637 W Oak, Chicago, Ill.
Swan Jas. Co. (Graduated & Ring), Seymour, Conn.
United States Bung Mfg. Co. ("Kirby"), 48 S 2d, Brooklyn, N. Y.
White L. & I. J. Co. ("Philadelphia," "Kirby"), 120 Columbia, Buffalo, N. Y.

Borers (Ratchet Corner)

See Bit Braces

1157— Borers (Tap)

Buffum Tool Co. ("Swastika" Plumbers'), South Side, Louisiana, Mo.
Ingersoll-Rand Co., 11 B'way, New York *See adv index at end of book*
Ives W. A. Mfg. Co. ("Mephisto," "Ives," "Enterprise Pattern"), Wallingford, Conn.
Jennings C. E. & Co. ("C. E. J. & Co.'s"), 71 Murray, New York
Lowentraut P. Mfg. Co. ("W-S"), 36 Brenner, Newark, N. J.
Osborne C. S. & Co., Harrison, N. J.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Stortz Jno. & Son, 210 Vine, Phila., Pa.

1157a—Borings (Test, Core, Wash & Foundation)

Sweeney & Gray Co. 81-85 6th, Long Island City, New York *See adv index at end of book*

1158— Boron Flux

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

Bortz

See Carbons, Black Diamonds & Bortz

1159— Boshes (Mechanical)

Columbiana Boiler Co., Columbiana, O.
Heyl & Patterson, 51 Water, Pittsburgh, Pa.
Meehan Boiler & Const. Co., Lowellville, Ohio

1160— Boters (Creamery)

Westinghouse Co. ("Westinghouse"), Schenectady, New York

1161—Bottle Fillers (Milk, Etc.)

Champion Milk Cooler Co., Cortland, N. Y.
Creamery Package Mfg. Co., 61 W Kinzie, Chicago, Ill.
Wright R. G. & Co., Buffalo, N. Y.

1162— Bottle Racks (Milk)

Andrews Wire & Iron Works, Rockford, Ill.
Atlas Mfg. Co., New Haven, Conn.
Barbee Wire & Iron Works, 172 N Dearborn, Chicago, Ill.
Loyal Mfg. Co., Philadelphia, Pa.
Morgan Spring Co., Worcester, Mass. *See adv index at end of book*
Smith Jno. P. & Co., New Haven, Conn.

1163—Bottle Wrappers (Corrugated)

Gair Robt. Co., 50 Washington, Brooklyn, N. Y.
Hinde & Dauch Paper Co. ("Climax"), Sandusky, O.
Illinois Glass Co., Alton, Ill.
Lawrence Paper Mfg. Co., Lawrence, Kans.
Nivision-Weiskopf Co., 318 Elm, Cincinnati, O.
Nixon & Costello Co., Dayton, O.
Oshkosh Bottle Wrapper Co., Oshkosh, Wis.
Sefton Mfg. Corp., 1301 W 35th, Chicago, Ill.
Thompson & Norris Co. The, Concord & Prince, Brooklyn, N. Y.,
Warner & Childs Co., Medford, Mass.

1164— Bottles (Aluminum)

Buckeye Aluminum Co. ("Real Solid," Seamless), Wooster, O.

1165— Bottles (Cubic Foot)

American Meter Co., 3112 N 17th, Phila., Pa.

1166— Bottles (Fibre)

See Cans, Fibre

1167— Bottles (Glass)

CALIFORNIA.

SAN FRANCISCO—Illinois-Pacific Glass Co. (Amber, Green & Flint, of all Descriptions), 15th & Folsom
Pacific Coast Glass Wks, 7th & Irwin

ILLINOIS.

ALTON—Illinois Glass Co.
BELLEVILLE—American Bottle Co. (See Chicago, Ill.)
CHICAGO—American Bottle Co., 38 S Dearborn. Works: Newark, O., & Streator, Ill.
Illinois Glass Co., 402 W Randolph (See Alton, Ill.)
Western Bottle Mfg. Co., 402 W Randolph
EAST ST. LOUIS—Obear-Nester Glass Co. (See St. Louis, Mo.)
HILLSBORO—Schram Glass Mfg. Co. (See St. Louis, Mo.)
STREATOR—American Bottle Co. (See Chicago, Ill.)
Thatcher Mfg. Co. (Milk)

INDIANA.

ANDERSON — Pennsylvania Glass Co. (Flint)
DALEVILLE—Daleville Glass Co. (Prescription, Druggists', Preservers', Packers')
DUNKIRK—Maring, Hart & Co. (Beer, Soda, Wine, Brandy, Preservers', Packers')
FAIRMOUNT—Bell Mfg. Co.
GAS CITY—Thompson Bottle Co. (Prescription, Beer, Wine, Soda, Brandy, Proprietary Medicine, Packers' & Preservers') (See Illinois Glass Co., Alton, Ill.)
U. S. Glass Co. (See Pittsburgh, Pa.)
GREENFIELD—Ball Bros. Glass Mfg. Co. (See Muncie, Ind.)
INDIANAPOLIS—Fairmount Glass Works (Flint, Amber, Green & Blue), Keystone & Belt
KOKOMO—Jenkins D. C. Glass Co. (Milk, Cherry & Olive)
LAPEL—Lapel Bottle Co.
MARION—Marion Flint Glass Co. (Prescription, Wine, Beer, Soda, Packers', Preservers')
Standard Glass Co.
MUNCIE—Ball Bros. Glass Mfg. Co. (Packers' & Preservers'), Works: Muncie, Ind. & Wichita Falls, Texas
SUMMITVILLE — Model Glass Works (Prescription & Druggisis')
TERRE HAUTE—North Baltimore Bottle Glass Co. (Beer, Soda, Wine, Brandy, etc)
Root Glass Co. (Beer, Soda, Liquor)
Turner Bros. Co. (Flint & Amber)
WINCHESTER — Woodbury Glass Co. (Flint, Brandy, Machine, Machine Oil, Manganese, Blueing, Screw Cap, etc, also Flasks)
YORKTOWN—Skillen-Goodin Glass Co. (Catsup, Condiment, Prescription, Extract, Pickle)

MARYLAND.

BALTIMORE—Buck Glass Co. (All Kinds of Hand & Machine Blown Flint Glass Bottles), Fort av & Lawrence
Carr-Lowrey Glass Co. (Druggists', Chemists' & Perfumers' Glassware), Westport
Swindell Bros. (Druggists', Chemists', Perfumery Green Amber), Bayard & Russell
MOUNT WINANS—Maryland Glass Corporation

MISSOURI.

ST. LOUIS—Busch Adolphus Glass Mfg. Co. (Beer), Main & Dorcas
Obear-Nester Glass Co., 2d & Chestnut; Works: East St. Louis, Ill.
Schram Glass Mfg. Co., Fred Reserve Bk. Bldg, Works: Hillsboro, Ill.

NEW JERSEY.

BRIDGETON—Cumberland Glass Mfg. Co. (Prescription, Beer, Wine, Brandy, Soda, Packers)
More Jonas Glass Co. (Prescription, Packers', Preservers')
Parker Bros. Glass Mfg. Co. (Green Prescription, Beer, Soda, Wine, Brandy, Packers', Preservers')
CAPE MAY COURT HOUSE—Cape May Glass Co.
CLAYTON—Pierce F. M. & Co. (Prescription, Proprietary Medicine)
GLASSBORO — Whitney Glass Works (Green, Flint, Prescription, Packers', Preservers')
MEDFORD—Star Glass Co. Ltd. (Prescription, Beer, Wine, Soda, Brandy)
MILLVILLE — Millville Bottle Works (Prescription, Proprietary Medicine)
Wheaton T. C. Co.
Whitall Tatum Co. (See Phila., Pa.)
MINOTOLA—Minotola Glass Co.
OLD BRIDGE—Brookfield Glass Co. (See New York City)
SALEM—Gayner Glass Works (Large Ware)
Salem Glass Works (All Kinds)

NEW YORK.

BINGHAMTON — Binghamton Glass Co. (Prescription, Beer, Soda, Wine, **Brandy, Packers', Preservers')**
CLYDE—Clyde Glass Works
CORNING—Corning Glass Works
ELMIRA—Thatcher Mfg. Co. (Milk, Flint, Glass)
LANCASTER—Industrial Glass Co.
LOCKPORT—Lockport Glass Co. (Milk Bottles Only)

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN — Demuth Glass Mfg. Co., Gardner av
Gleason-Tiebout Glass Co., 93 Commercial
Williamsburg Flint Glass Co., 260 Boerum

Boroughs of Manhattan and Bronx.

NEW YORK—Boley B., 157 10th av.
Bottlers' & Mfrs.' Supply Co., 218 E 37th. Works: Brooklyn, N. Y.
Wagner Glass Works (Acid & Skim Milk Test), 697 E 132d

Borough of Queens.

LONG ISLAND CITY—Bottlers' & Mfrs.' Supply Co. (See New York)

End of New York City

OLEAN—Acme Glass Co.
ROCHESTER—Reed F. E. Glass Co.

OHIO.

BELLAIRE—Bellaire Bottle Co. (Flint, Prescription & Druggists')
BUTLER—Butler Bottle Co. (Milk Bottles Only)
CAMBRIDGE—Cambridge Glass Co. (Balsam)
CINCINNATI—Boldt Chas. Co., Davis Ln. & Penn. Ry. Works: Muncie, Ind.
Nivison-Weiskopf Co., 318 Elm. Works: Reading, O.
COLUMBUS—Federal Glass Co.
Winslow Glass Co. (Prescription, Beer, Wine, Soda, Brandy, Packers' & Preservers')
COSHOCTON—Coshocton Glass Co. (Beer, Wine, Soda, Brandy)
MASSILLON—American Bottle Co. (See Chicago, Ill.)
Rhodes Glass & Bottle Co.
MOUNT VERNON—Essex Glass Co. (Milk Bottles Only)
NEWARK—American Bottle Co. (See Chicago, Ill.)
Heisey A. H. & Co. (Prescription, Druggists')
READING—Nivison-Weiskopf Co. Office: Cincinnati, O.
TOLEDO—Owens Bottle Machine Co.
ZANESVILLE—Kearns-Gorsuch Bottle Co. (Mineral Water, Extract, Flint, Liquor, Prescription, Green, Beer, Pickle, etc)

OREGON.

PORTLAND—Kerr A. H. & Co. (Milk, etc)

PENNSYLVANIA.

BEAVER FALLS — Co-Operative Flint Glass Co. (Bar)
BRADFORD—Berney-Bond Glass Co.
BROCKWAYVILLE — Brockway Machine Bottle Co. (Machine Made Ink, Mucilage, Vaseline, etc)
CHARLEROI—Imperial Glass Co. (Prescription, Beer, Soda, Wine, Packers', etc)
EAST STROUDSBURG—East Stroudsburg Glass Co. (Beer, Soda, Wine, Brandy)
Scott-Warman Glass Co.
GLASSPORT—U. S. Glass Co. (See Pittsburgh, Pa.)
GLENSHAW—Glenshaw Glass Co.
HAWLEY—Hawley Glass Co. (Beer, Soda, Wine, Packers', Preservers')
JEANETTE—Jeanette Glass Co. (Prescriptions, Beer, Soda, Wine, Packers', Tinctures, etc)
McKee Glass Co. (Druggists')
KANE—Kane Flint Bottle Co. (Prescription, Beer, Soda, Wine, etc)
Thatcher Mfg. Co. (See Elmira, N. Y.)
McDONALD—Crescent Bottle Co.
PHILADELPHIA—Star Glass Co., 106 N 4th (See Glassboro, N. J.)
Whitall Tatum Co. (Prescription, Ink, Mucilage, Sauce, Catsup, Mustard, Wine, Water, Perfumes, Vials, etc), 410 Race
Whitney Glass Works, Bullitt bldg. (See Glassboro, N. J.)
PITTSBURGH—Cunningham D. O. Glass Co. (Beer, Soda Water), Jane & 22d
Flaccus C. L. Glass Co., Empire bldg
Hamilton J. T. & A., 26th & A V R R
U. S. Glass Co. (Prescription, Druggists'), S 9th & Bingham. Works: Pittsburgh & Glassboro, Pa., & Gas City, Ind.
READING—Reading Glass Works
ROCHESTER — Rochester Tumbler Co. (Water, Bitter, Beer)
ROYERSFORD—Diamond Glass Co. (Soda, Wine, Bitters, Druggists', Beer)
Newborn W. H. & Co. (Prescription, Beer, Soda, Wine, Packers')
SHEFFIELD—Sheffield Glass Bottle Co. (Prescription, Wine, Beer, Soda, Brandy, Packers' & Preservers')
TARENTUM—Fidelity Glass Co. (Prescription, Druggists', Preservers')
Flaccus C. L. Glass Co. (Flint, Prescription & Druggists')
UNIONTOWN—Keystone Bottle Mfg. Co.
WASHINGTON — Hazel-Atlas Glass Co. (See Wheeling, W. Va.)

TENNESSEE.

CHATTANOOGA—Chattanooga Bottle & Glass Mfg. Co.

VIRGINIA.

ALEXANDRIA — Alexandria Glass Co. (Beer, Soda, Wine, Brandy, Packers', Preservers')
Old Dominion Glass Corp. (Prescription, Beer, Proprietary Medicines, Wine, Soda, Brandy Packers)
Virginia Glass Co. (Beer, Wine, Soda, Brandy, Preservers' Proprietary **Medicine Packers')**
RICHMOND—American Glass Works

WEST VIRGINIA.

CLARKSBURG — Hazel-Atlas Glass Co. (See Wheeling, W. Va.)
Travis Glass Co. ("Travis" Milk, etc)
FAIRMONT—Fairmont Bottle Co. (Beer, Wine, Soda, Brandy, Packers' & Preservers')
PADEN CITY—Duquesne Glass Co. (Beer, Soda, Wine, Brandy)
WHEELING—Central Glass Works (Prescription, Druggists')
Hazel Atlas Glass Co. (Snuff, Ink, Jam, Oil, Olive & Vaseline). Works: Washington, Pa., & Clarksburg, W. Va.
North Wheeling Glass Co.

WISCONSIN.

MILWAUKEE — Franzen Wm. & Son, Chase & George

1168—Bottles (Hot Water, Metal)

Campbell A. S. Co. ("Cello"), 284 Commercial, Boston, Mass.
Landers, Frary & Clark ("Universal," Aluminum), New Britain, Conn.
Metal Specialties Co. ("New Era"), Attleboro, Mass.
Pressed Aluminum Co., 3 Cypress, Worcester, Mass.

1169— Bottles (Milk)

Alexandria Glass Co., Alexandria, Va.
Binghamton Glass Co., Binghamton, N. Y.
Butler Bottle Co., Butler, O.
Chicago Heights Bottle Co., Chicago Heights, Ill.
Cumberland Glass Mfg. Co., Bridgeton, N.J.
Essex Glass Co., Mt. Vernon, O.
Fairmont Bottle Co., Fairmont, W. Va.
Fidelity Glass Co., Tarentum, Pa.
Flaccus C. L. Glass Co., Tarentum, Pa.
Greensburg Glass Co., Greensburg, Pa.
Hamilton J. T. & A., 26th & A V R R, Pittsburgh, Pa.
Illinois Glass Co., Alton, Ill.
Illinois-Pacific Glass Co., 15th & Folsom, San Francisco, Cal.
Imperial Glass Co., Charleroi, Pa.
Jeannette Glass Co., Jeannette, Pa.
Jenkins D. C. Glass Co., Kokomo, Ind.
Lockport Glass Co., Lockport, N. Y.
Maring Hart & Co., Dunkirk, Ind.
Marion Flint Glass Co., Marion, Ind.
Obear-Nester Glass Co., East St. Louis, Ill.
Standard Milk Bottling Works, Parkersburg, W. Va.
Thatcher Mfg. Co., Elmira, N. Y.
Travis Glass Co., Clarksburg, W. Va.
Whitall Tatum Co., 410 Race, Phila, Pa.
Whitney Glass Works, Glassboro, N. J.
Williamstown Glass Co., Williamstown, N. J.
Winslow Glass Co., Columbus, O.

1170— Bottles (Paper)

Cal. Purity Paper Bottle Co., Sacramento, Cal.
New England Purity Paper Bottle Co., Northampton, Mass.
Sanitary Paper Products Co., 400 Chestnut, Phila., Pa.

1171— Bottles (Rubber)

American Hard Rubber Co. (Hard Rubber for Chemical Plants, etc), 9 Mercer, New York
Bishop Gutta-Percha Co. (Gutta-Percha), 420 E. 25th, New York
Parker-Stearns & Co. ("Alpha," "Omega," Water, Nursing, etc), 286 Sheffield av, Brooklyn, N. Y.
Rubber Products Co. (Water), Barberton, Ohio
Tyer Rubber Co. ("Ajax," "Higrade," "Criterion," "La Grange," "Champion," "Lion," "L. E. Gant," "Tyrian," Water, Nursing, etc), Andover, Mass.

1172— Bottles (Steel)

Federal Pressed Steel Co. (Cold Drawn), Keefe & North Pierce, Milwaukee, Wis.
Pressed Steel Tank Co. (Seamless Drawn), 58th & Greenfield av, Milwaukee, Wis.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL REGISTER

1173— Bottles (Vacuum)

American Thermos Bottle Co., Norwich, Conn.
Icy Hot Bottle Co., 122 W 2nd, Cincinnati, Ohio
Landers, Frary & Clark ("Universal"), New Britain, Conn.
Simplex Vacuum Mfg. Co., 1729 Philip, Phila., Pa.
Stanley Insulating Co. ("Ferrostat"), Great Barrington, Mass.
Vacuum Specialty Co. ("Hotakold"), 200 5th av, New York

1174— Bottles (Wood)

Bogert & Hopper, 67 Barclay, New York
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

1174a— *Bottoms (Basket)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

1174b— *Bottoms (Feed Bag)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

1175— Bottoms (Kettle)

Hamblin & Russell Mfg. Co. ("Gem" Wire), Worcester, Mass.

1176—Bower Barffed Work

Coleman Adelbert E., 336 W 37th, Chicago, Ill.
Sager Lock Co., No. Chicago, Ill.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Yale & Towne Mfg. Co., 9 E 40th, New York

1177—Bowling Alley Builders

American Box Ball Co. (Box Ball), 1545 Vanburen, Indianapolis, Ind.
Brunswick-Balke-Collender Co., 629 S Wabash av, Chicago, Ill.
Klumpp's Jno. G. Sons, 13 Baxter, New York
Kohler & Heinrichs, 255 E 3rd, St. Paul, Minn.
Rose H., 145 Hamilton av, Brooklyn, N. Y.
Stillwater Mfg. Co., Stillwater, Minn.
Zeliff J. E., Kearny, N. J.

1177a— *Bowling Alley Supplies

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

1178—Bowls (Cow Watering)

Cheney S. & Son, Manlius, N. Y.
Glor Bros. & Willis Mfg. Co., Attica, N. Y.
Harris Mfg. Co., Salem, Ohio
Heller-Aller Co., Napoleon, Ohio
Hunt, Helm, Ferris & Co., Harvard, Ill.
Industrial Foundry Co., St. Johns, Mich.
Libby C. A. Co., Oshkosh, Wis.
Noll Bros. & Smith, Bausman, Pa.
Novelty Iron Works, Sterling, Ill.
Strickler Hay Tool Co., Janesville, Wis.
West Bend Barn Equipment Co., West Bend, Wis.

1178b—Bowls (Sanitary Sugar)

Franks Sani-Cover Supply Co. (For Restaurants), Cambridge, Mass.

1179—Bowls (Wood Chopping)

Chapman-Sargent Co., Perrysburg, O.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Peirce W. E. & Co., Milford, N. H.
Richardi & Bechtold, Bellaire, Mich.

1180—Bows (Automobile Top)

Brown S. N. & Co. (Wood), Dayton, O.
Campbell & Dann Mfg. Co., Tullahoma, Tenn.
Cately & Ettling (Automatic), Cortland, N. Y.
Dann Bros. & Co., New Haven, Conn.
Detroit Wood Pulley Co., 1331 Bellevue av, Detroit, Mich.
Empire Bending Works, Lancaster, Pa.
Eureka Bending & Wheel Wks, York, Pa.
Lebzetter P. & Son Co., Lancaster, Pa.
Mossman, Yarnelle & Co., Fort Wayne, Ind.
Rastetter Louis & Sons, Ft. Wayne, Ind.
Shepard H. G. & Sons, New Haven, Conn.
Starr D. H., Highland, N. Y.
Wheel & Wood Bending Co., Bridgeport, Conn.

1181—Bows (Carriage & Wagon)

Ames Bending Co., Celina, O.
Brown S. N. & Co., Dayton, O.
Buckley J. Hub, Spoke & Wheel Co., 969 N 2d, Phila., Pa.
Campbell & Dann Mfg. Co., Tullahoma, Tenn.
Cately & Ettling (Automatic), Cortland, N. Y.
Coopersburg Bending Works, Coppersburg, Pa.
Crane & MacMahon ("Star," White Ash), 10 Bridge, New York
Delphos Bending Co., Delphos, O.
Donges John & Co., Hamilton, O.
Empire Bending Wks, Lancaster, Pa.
Eureka Bending & Wheel Works ("Wheeler & Wilson," "McCaull"), York, Pa.
Fort Smith Rim & Bow Co., Fort Smith, Ark.
Gillette C. H., Indianapolis, Ind.
Graham Thos. & Co., Madison, Ind.
Hanover Bending & Mfg. Co., Hanover, Pa.
Holt Bros. Mfg. Co., Concord, N. H.
Lamb-Fish Lumber Co., Charleston, Miss.
Lebzelter P. & Son Co., Lancaster, Pa.
Medina Bending Works ("McCaull"), Medina, O.
Metropolis Bending Co. ("Wheeler & Wilson"), Metropolis, Ill.
Rasteter Louis & Sons, Fort Wayne, Ind.
Sargent L. W., Newburyport, Mass.
Shepard H. G. & Sons, New Haven, Conn.
Starr D. H., Highland, N. Y.
Union Bow Co. (Automobile), Cleveland, O.
Von Behren Mfg. Co., Evansville, Ind.
Wheel & Wood Bending Co., Bridgeport, Conn.

1182— Bows (Ox)

Dunham Fred P., Athens, Vt.
Torrey Bros. Co., Central Village, Conn.

1183— Bows (Slipper)

Dalrymple J. A. & Co., Haverhill, Mass.

1184—Box Anchor & Timber Caps

See also Hangers, Joist

Goetz Box Anchor Co., New Albany, Ind.
Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.

1185— Box Board Mfrs.

See also Boards, Binder

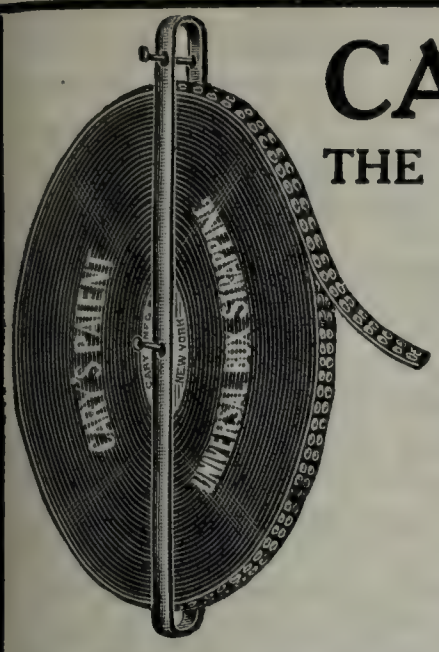
Albey Bros., Newark, N. J.
Albia Box & Paper Co. (Plain & Combination, Mill & Sheet Lined), Troy, N. Y.
Alton Box Board & Paper Co., Alton, Ill.
American Box Board Co., Grand Rapids, Mich.
Am. Coating Mills, Elkhart, Ind.
American Straw Board Co., Akron, O.
Auglaize Box Board Co., St. Marys, O.
Beloit Box Board Co., Beloit, Wis.
Bicking S. Austin Paper Mfg. Co. (& Indented Paper), E Downington, Pa.
Boehme & Rauch Co. (Patent Coated & Combination), Monroe, Mich.
Capac Paper Co., Capac, Mich.
Case & Marshall, Hartford, Conn.
Central Box Board Co., 43rd & Racine av, Chicago, Ill.
Chatfield Paper Co., New Haven, Conn.
Cherry River Paper Co., Scranton, Pa.
Chesapeake Paperboard Co. (Plain Schip, Mill-Line-Schip, News Vat Line Schip, News-board), Burrows & Allen, Baltimore, Md.
Chicago Coated Board Co., 420 E North Water, Chicago, Ill.
Childsdale Paper Co., Childsdale, Mich.
Clifton Paper Mills, Clifton, N. J.
Constantine Board & Paper Co., Constantine, Mich.
Crescent Paper Co., Marseilles, Ill.
Diamond Match Co. (White Coated, Colored & Manila Lined), 111 B'way, New York
Eddy Paper Co., Three Rivers, Mich.
Ft. Wayne Corrugated Paper Co. (Combination), Hartford, Ind.
Foster Box Board Co., Utica, N. Y.
Franklin Board & Paper Co. (Pulp & Combination of all kinds), Franklin, Ohio
Gardner Colin Paper Co. (Patent Coated, Colored Suit, Combination Boards of all kinds, etc), Middletown, O.
Gardner-Harvey Paper Co. (Colored Suit & Combination Boards), Middletown, Ohio
Gardner Paper Board Co., Middletown, O.
Halltown Paper Board Co., Halltown, W. Va.
Haverhill Box Board Co., Haverhill, Mass.
HEWITT C. B. & BROS., 49 Beekman, New York. *See adv index at end of book*
Hults Ellsworth H. Jr., 25 N 6th, Phila., Pa.
Kerr Paper Mill Co., East Downington, Pa.
La Borteaux C. L. Co., 1st Natl. Bk. Bldg, Cincinnati, O.
Lafayette Box Board & Paper Co., Lafayette, Ind.
Lawrence Paper Mfg. Co., Lawrence, Kans.
Lewis, Slocum & Le Fevre Co. (Wood Pulp & Sulphite Boards in Natural Colors & Tints), Beaver Falls, N. Y.
Los Angeles Paper Mfg. Co., Los Angeles, Cal.
McEwan Bros. (Folding), Whippany, N. J.
Mac-Sim-Bar Paper Co. (Clothing, Jute Board, etc.), Otsego, Mich.
Manchester Board & Paper Co. (Folding), Richmond, Va.
Marion Paper Co. (Folding), Marion, Ind.
Michigan Carton Co. (Combination & Patent Coated), Battle Creek, Mich.
Miller Frank P. Paper Co. (Patent Coated & Folding Box), East Downington, Pa.
Mutual Box Board Co., Utica, N. Y.
National Folding Box & Paper Co. (Manila Board & Single & Double Lined Chip), New Haven, Conn.
National Metal Edge Box Co. (Jute Folding), 8th & Willow, Phila., Pa.
Naubuc Paper Co., Glastonbury, Conn.
Nelson B. F. Mfg. Co., Minneapolis, Minn.
New Haven Pulp & Board Co., New Haven, Conn.
Norton Clarence H., North Westchester, Conn.
Ohio Box Board Co. (Of all Grades, also Patent Coated), 1390 W 30th, Cleveland, O.
Perkiomen Paper Co., Pennsburg, Pa.
Philadelphia Paper Mfg. Co., River Road, Phila., Pa.
Richardson Paper Co., Wyoming & Cooper av, Lockland, O.
River Raisin Paper Co. (Folding), Monroe, Mich.
Robertson C. M. Co. (Folding), Montville, Conn.
Skaneateles Paper Co., Skaneateles, N. Y.
South Coventry Paper Co., South Coventry, Conn.
Standard Paper Co., Kalamazoo, Mich.
Tait & Sons Paper Co., Bridgeport, Conn.
Thames River Specialties Co. (Folding, etc), Montville, Conn.
Tonawanda Board & Paper Co., Tonawanda, N. Y.
United Paperboard Co., 171 Madison av, New York
Waldorf Box Board Co. (Patent Coated, Manila Chip, Cracker Shell, Colored Suit & Combination Boards), Pillsbury, Myrtle & Wabash avs, St. Paul, Minn.
Waverly Paper Box Board Co., Weston av, Newark, N. J.
Westport Paper Co., Westport, Conn.

1185a— *Box Shooks

See also Shooks, Box.

Crossman, C. A. & Sons Co., Portland, Me.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

When writing to firms whose names appear in this book please mention
HENDRICKS' COMMERCIAL REGISTER.



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THE STRAP WITH THE "NAME"—THE KIND IT PAYS TO USE

This Strap is made of extra soft annealed steel of great tensile strength through which nails can be driven without first punching holes. The bosses stiffen the edge of the Strap and protect the nail heads when case is moved along the floor.

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1186— Box Straps

See also Bands, Shingle, Box & Shook

Acme Steel Goods Co. ("Acme") Embossed, Flat, Barbed & Twisted Wire), 2834 Archer av, Chicago, Ill.

AMERICAN STEEL & WIRE CO. (Steel), 208 S La Salle, Chicago, Ill.
See adv index at end of book

CARY MFG. CO. ("Cary's" Universal & Wire Box Strapping Box Corner Fasteners & Clutch Nails), Nassau & Jay, Brooklyn, N. Y.
See adv index at end of book

DE HAVEN MFG. CO. ("Simplex," "Eclipse" & "Trojan" Steel & Iron), 50 Columbia Hgts., Brooklyn, N. Y.

Independent Metal Strap Co., 56 Prince, New York

Robertson W. F. Steel & Iron Co. ("Economy," "Sampson" & "Cincinnati"), Elm & Commerce, Cincinnati, O.

ROEBLING'S, JNO. A. SONS CO., Main Office, Trenton, N. J.
See adv index at end of book

SIGNODE SYSTEM, INC. (Nailless, 108 W Lake, Chicago, Ill.; 143 Liberty, New York

STANLEY WORKS ("Twinrold" Self-Tightening, "Spreadtite," "Double Edge," "Stanley's" Corrugated ("Security" & Twisted Wire Box Strapping), New Britain, Conn.
See adv index at end of book

Twisted Wire & Steel Co. (Flat & Round), 437 11th av, New York

Wallace Wm. & Sons, 513 Wells, Chicago, Ill.

1187— Boxes (Aluminum)

Aluminum Container Corp., Fulton, N. Y.

Aluminum Goods Mfg. Co. (also Caps & Tubes), Manitowoc, Wis.

Aluminum Ware Mfg. Co., Inc., Elmira, N. Y.

1187a— *Boxes (Ammunition)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

1188— Boxes (Annealing)

American Welding Co., Carbondale, Pa.

Blaw-Knox Co., Farmers Bank Bldg, Pittsburg, Pa.

Clark W. J. Co., Salem, O.

Cleveland Wire Spring Co., Cleveland, O

Columbiana Boiler Co. (Riveted & Welded), Columbiana, O.

Connery & Co., 2d & Luzerne, Phila., Pa.

DOVER BOILER WORKS, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*

Driver-Harris Co. (Nichrome), Harrison, N. J.

Garwood Bronze & Iron Works, Garwood, N. J.

McAleenan Bros. Co., 25th & Railroad, Pittsburgh, Pa.

McNeil Jas. & Bro. Co., Pittsburgh, Pa.

Manitowoc Engineering Works, Manitowoc, Wis.

Meehan Boiler & Constr. Co., Lowellville, Ohio

Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book

National Boiler & Sheet Iron Works, Indianapolis, Ind.

National Wrought Iron Annealing Box Co., Washington, Pa.

Petroleum Iron Works Co. ("Seigh"), Sharon, Pa.

Pittsburgh Annealing Box Co. (Welded or Riveted), 829 Beaver, Pittsburgh, Pa.

SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

Standard Boiler & Plate Iron Co., Niles, O.

Strong, Carlisle & Hammond Co. (Also Case-Hardening), 336 Frankfort av, N W, Cleveland, O.

Union Iron Works, Hoboken, N. J.

Union Steel Casting Co. ("Union" Truss Supported Roof One-Piece Cast Steel), Pittsburgh, Pa.

Warren City Tank & Boiler Co., Warren, Ohio

Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.

Wilfong Millard F., Iron Works Co., 5199 Grays av, Phila., Pa.

WILLIAMS & CO. (INC.) (Monel Metal), 220-226 Penn av, Pittsburgh, Pa.
See adv index at end of book

1189— Boxes (Auger Bit)

Bennett Mfg. Co. (Bartlett"), Portland, Me.

New England Box Co., Greenfield, Mass.

1190—Boxes (Automobile Tool)

Briscoe Mfg. Co., Woodward & Baltimore avs, Detroit, Mich.

Cleveland Wire Spring Co., Cleveland, O.

Corcoran-Victor Co., Cincinnati, O.

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

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Munn & Co., 699 Woolworth Bldg., N. Y.

Washington Office: 625 F Street, Washington, D. C.

Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.

Standard Steel Box Co. ("Standard" Steel), Pittsburgh, Pa.

1191— Boxes (Axle)

Concord Axle Co., Penacook, N. H.

Pittsburgh Iron & Steel Foundries Co., Midland, Pa.

1192— Boxes (Axle Grease)

Columbia Can Co. (Sheet Metal), Madison, 1st to 2d, St. Louis, Mo.

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

1193— Boxes (Ballot)

Bogert & Hopper, 67 Barclay, New York

ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*

1194— *Boxes (Basswood)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

1195—Boxes (Battery, Automobile)

Cleveland Wire Spring Co., Cleveland, O.

Corcoran-Victor Co., Cincinnati, O.

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.

Paragon Electric Co., 9 S Clinton, Chicago, Ill.

Standard Steel Box Co. ("Standard" Steel Black Enameled), Pittsburgh, Pa.

1196—Boxes (Beer, Soda Water & Milk)

Atwood & McManus Box Co., Chelsea, Mass.

Bossert Louis & Son, 1335 Grand, Brooklyn, N. Y.

Cleveland Wire Spring Co. (Steel), Cleveland, O.

Columbia Box Co., 19th & N Market, St. Louis, Mo.

Defiance Pressed Steel Co. (Steel), Defiance, O.

Dexter Metal Mfg. Co. (Beer, Steel), 93 Arch, Camden, N. J.

Dodge & Bliss Co., W End, Jersey City, N. J.

Goodwillie D. M. Co., 22nd & Allport, Chicago, Ill.

Hightower Box & Tank Co., Atlanta, Ga.

Marinette & Menominee Box Co., Marinette, Wis.

Mengel Box Co., Louisville, Ky.

Page George G. Box Co., Cambridge, Mass.

Rathbone, Hair & Ridgway Co., 2279 S Union av, Chicago, Ill.

Standard Steel Box Co. ("Standard "Steel), Pittsburgh, Pa.

1197— Boxes (Bending)

Pittsburgh Iron & Steel Foundries Co., Midland, Pa.

1198— Boxes (Blow, Acid)

Lummus Walter E. Co. ("Metrolift" Automatic), 173 Milk, Boston, Mass.

Pratt Engineering & Machine Co., Atlanta, Ga.

1199— *Boxes (Bluing)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Boxes (Bond)

See Boxes, Cash; also Boxes, Safe Deposit

Boxes (Bosh)

See Plates, Bosh

1200— Boxes (Bottle)

ANDREWS O. B. CO., Chattanooga, Tenn.
Bossert Louis & Sons, 1335 Grand, Bklyn, N. Y.
New England Box Co., Greenfield, Mass.
New Haven Folding Box Co., New Haven, Conn.
Omaha Box Co., Omaha, Neb.
Omaha Fiber & Corrugated Box Co., Omaha, Neb.
Vance E. J. Box Co. (Ltd.), Bay City, Mich.

1201— Boxes (Bread)

Central Stamping Co., 174 Fulton, New York
Republic Metalware Co., Buffalo, N. Y.
Rudman Co., 57 Fulton, New York
Threthaway Bros. (Japanned & Lithographed), Parsons, Pa.

1202—Boxes (Bread Shipping)

Anderson Box & Basket Co., Henderson, Ky.
Backus A. Jr. & Son, Detroit, Mich.
Defiance Welding Co. (Steel), Defiance, O.
Lewis G. B. Co., Watertown, Wis.

1203— Boxes (Brick Mould)

American Clay Machinery Co. (Adjustable), S Walnut, Bucyrus, O.

1204—Boxes (Case Hardening)

Blackboard Steel Foundry Co., Springfield, O.
Columbiana Boiler Co., Columbiana, O.
Driver-Harris Co., Harrison, N. J.
Garwood Bronze & Iron Works, Garwood, N. J.
WILLIAMS & CO. (INC) (Monel Metal), 220-226 Penn av, Pittsburgh, Pa.
See adv index at end of book

1205— Boxes (Cash)

Central Stamping Co., 172 Fulton, New York
Erie Art Metal Co. (Strong & Lienity), Erie, Pa.
ESTES E. B. & SON, 364 5th av, New York *See adv index at end of book*
Fire-Proof Furniture & Construction Co. (Steel), Miamisburg, O.
GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis.
See adv index at end of book
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Meilink Mfg. Co. (& Bond), Toledo, O.
Merriam Mfg. Co. (Tin), Durham, Conn.
Miller Lock Co. (With Keyed Locks & Keyless Locks), 4523 Tacony, Phila., Pa.
National Enameling & Stamping Co., 411 5th av, New York
Parsons W. A. & Co., Durham Center, Conn.
Smith J. O. Mfg. Co., Middletown, Conn.
Stirrup Mfg. Co., 257 Greenwich, New York

1206-7— Boxes (Celluloid)

Celluloid Co., 36 Washington pl, New York

1208—Boxes (Charging, Open Hearth)

Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Columbiana Boiler Co., Columbiana, O.
Leetonia Boiler Co., Leetonia, O.
Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book
MORGAN ENGINEERING CO., Alliance, Ohio *See adv index at end of book*
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Treadwell M. H. Co. of Illinois, 208 S La Salle, Chicago, Ill.
Variety Iron & Steel Works Co., Hamilton av & E 40th, Cleveland, O.
Wellman-Seaver-Morgan Co., Cleveland, O.

1209— Boxes (Cheese)

Colby Cheese Box & Silo Co., Colby, Wis.
Cooley Mfg. Co., West Bend, Wis.
Parfrey Chas. A., Richland Center, Wis.

1209a— *Boxes (Chemists')

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

1209b— *Boxes (Chip Pill)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

1209c— *Boxes (Chisel)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

1210— Boxes (Cigar)

Balliet A. H., Allentown, Pa.
Eggerss-O'Flyng Co., Omaha, Neb.
Howell F. M. Co. (Wood), Elmira, N. Y.
Sheip Henry H. Mfg. Co., Columbia av & 6th, Phila., Pa.
Weidman-Fisher Co., Tampa, Fla.

1210a—Boxes (Cigarette & Tobacco)

SCHIMPER WILLIAM & CO., 322-338 Ferry, Hoboken, N. J., & 33 Union sq W, New York

1211— Boxes (Condenser)

Columbiana Boiler Co., Columbiana, O.
Petroleum Iron Works Co., Sharon, Pa.

Boxes (Conduit)

See Boxes, Junction & Outlet

1212—*Boxes (Core, for Foundry Use)

Ohio Mfg. Co., P. O. Box 358, Painesville, O. *See adv index at end of book*
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

1212a— Boxes (Corrugated Fibre)

See also Boxes Fibre
HINDE & DAUCH PAPER CO., Sandusky, O.

1213—Boxes (Corrugated Paper)

Agar Mfg. Co., 167 41st, Bklyn, N. Y.
ANDREWS O. B. CO., Chattanooga, Tenn.
Ashtabula Corrugated Box Co., Ashtabula, O.
Ball Bros. Glass Mfg. Co., Muncie, Ind.
Buffalo Box Factory (Fibre, All Sizes), Buffalo, N. Y.
Buffalo Corrugated Container Co., 25 Imson, Buffalo, N. Y.
Bulis J. C. Mfg. Co., 1122 S 12th, St. Louis, Mo.
Collins H. F. Co., St. Paul, Minn.
Corrugated Container Corp., Columbus, O.
Corrugated Paper Co., Norfolk, Va.
Corrugated Paper Products Co., 221 W 26th, New York
Detroit Corrugated Board & Box Co., 88 Isabella, Detroit, Mich.
Fairmont Box Co., Canajoharie, N. Y.
Fenton Fibre Box Co., N Tonawanda, N. Y.
Fibre Package Co., 88 Isabelle, Detroit, Mich.
FOSTER F. B. & CO. (also Fibre), 25th & Locust, Phila., Pa.
Gair Robt. Co., 50 Wash'n, Brooklyn, N. Y.
Globe Paper Co., Evansville, Ind.
Hahn J. N. Co., Cuyahoga & W 3d, Cleveland, O.
Hinde & Dauch Paper Co., Sandusky, O.
Illinois Glass Co., Alton, Ill.
Lanzit Corrugated Paper Co., 2039 S Morgan, Chicago, Ill.
Lawrence Paper Mfg. Co. ("Jayhawk," All Sizes), Lawrence, Kan.
Mac-Sim-Bar Paper Co., Otsego, Mich.
Marion Paper Box Co., Marion, Ind.
Mengel Box Co., Louisville, Ky.
Omaha Fiber & Corrugated Box Co. (Shipping), Omaha, Neb.
Page Geo. G. Box Co. (For Freight or Express Shipment), Cambridge, Mass.
Park Novelty Co., 25th & Loest, Phila., Pa.
Parsons Mfg. Co., Chelsea, Mass.
Sefton Mfg. Corp., 1301 W 35th, Chicago, Ill.
Schmitt-Backman Co., Sacramento, Cal.
Thompson & Norris Co., The, Concord & Prince, Brooklyn, N. Y.

1213a— *Boxes (Crayon)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

1213b— Boxes (Cream)

The Arlington Works (E. I. du Pont De Nemours & Co.), 21 E 40th, New York

1214— Boxes (Crosshead)

Buckeye Iron & Brass Works (Brass), Dayton, O.
Erie Forge Co., Erie, Pa.

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Plain and Polished Turned Wool Vials and Bottles, Powder Boxes, Plain and Silicated Wooden Ointment Jars. Screw Covered Boxes a Specialty.

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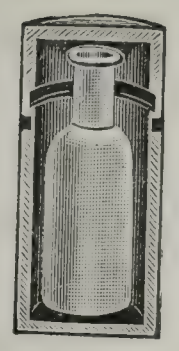
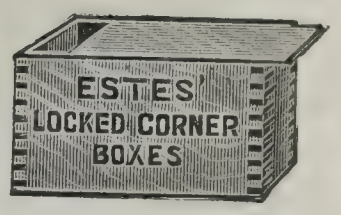




1215—Boxes (Curb, Service)

American Foundry & Mfg. Co., 11th & Herbert St. Louis. Mo.
Campbell J. B. Brass Works, Erie, Pa.
Great Western Mfg. Co., Leavenworth, Kans.
Hays Mfg. Co., Erie. Pa.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
Modern Iron Works ("Buffalo," "Peerless," "Quin See"), Quincy, Ill.
Paradine Mfg. Co., Erie, Pa.
Patterson Mfg. Co. ("Nobolt"), Keystone bldg, Pittsburgh, Pa.
Rumsey Pump Co. (Ltd.) (For Service Pipe), Box J, Seneca Falls, N. Y.
See adv index at end of book

1216— Boxes (Cut Flower)

Thompson & Norris Co., The (Corrugated), Concord & Prince, Brooklyn, N. Y.

1216a—*Boxes (Cutlery, Wood)

ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*

Boxes (Cut Out)

See Boxes, Junction or Outlet

1216b— *Boxes (Dice)

ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*

1217— Boxes (Disc Harrow)

Sharon Steel Hoop Co. ("Danielson," Pressed Steel), Sharon, Pa.

1218— Boxes (District Call)

Bunnell J. H. & Co., 32 Park pl, New York

1218a— *Boxes (Ditty)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

1219— Boxes (Document)

Barler A. C. Mfg. Co., 341 E Ohio, Chicago, Ill.
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Globe-Wernicke Co., 25 Carthage av, Cincinnati, O.

1220— Boxes (Drain)

Jiffy Fire Hose Rack Co. ("Brayman"), 727 7th av, New York

1221—*Boxes (Drug, Pill, Ointment & Powder)

ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*

1222— Boxes (Dumping)

See Wagon Dump Boxes

1223-4—Boxes (Electric Service)

Adam Frank Electric Co., 904 Pine, St. Louis, Mo.
Advance Electric & Mfg. Co., Kansas City, Mo.
Allsteelequip Co., Aurora, Ill.
Andrae Julius & Sons Co., 362 Broadway, Milwaukee, Wis.
Bissell F. Co. ("Security," Cabinets), Toledo, Ohio
Bonnell W. A. Co., 132 Church, New York
Brady Electric Mfg. Co., New Britain, Conn.
Burns Jas. F., 713 Cherry, Phila., Pa.
Columbia Metal Box Co., 226 E 144th New York
Connecticut Elec. Mfg. Co., Bridgeport, Conn.
Crouse-Hinds Co. ("Condulets"), Syracuse, N. Y.
Cuthbert Electrical Mfg. Co., 725 Fulton, Chicago, Ill.
D & W Fuse Co., Hathaway, Providence, R. I.
Detroit Fuse & Mfg. Co., 1400 Rivard, Detroit, Mich.
Federal Sign System (Electric), 640 W Lake, Chicago, Ill.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Guilderland Foundry Co., Guilderland, N.Y.
Johns H. W.-Manville Co. ("Noark"), Madison av & 41st, New York
Lang J. Electric Co., 423 N Lincoln, Chicago, Ill.
Paiste H. T. Co. ("Le Manquais"), 3201 Arch, Phila., Pa.
Pringle Electrical Mfg. Co., 1906 N 6th, Phila., Pa.
Renim Specialty Co., Brighton, Boston, Mass.
Standard Underground Cable Co., Pittsburgh, Pa.
Star Metal Box Co., 509 W 19th, New York
Troy Electrical Co., Troy, N. Y.
Trumbull Electric Mfg. Co., Plainville, Conn.
Wabash Cabinet Co. (Coil), Wabash, Ind.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Worcester Electric & Mfg. Co., Worcester, Mass.

1225—*Boxes (Fancy Wood)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

1226— Boxes (Fare)

See also Registers, Car Fare

Am. Railways Equip't Co. (Registering), Dayton, O.
Brill J. G. Co., 62d & Woodland, av, Phila., Pa.
Cleveland Fare Box Co. ("Cleveland"), 5318 St. Clair av, Cleveland, O.
International Register Co., 15 Throop, Chicago, Ill.
Johnson Fare Box Co. ("Johnson" Automatic), 236 S Robey, Chicago, Ill.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

1227— Boxes (Fibre)

See also Pails, Fibre; also Boxes, Corrugated Fibre

Already Box Co., Danville, Ill.
American Vulcanizing Fibre Co. ("Laminar"), 504 Equitable bldg, Wilmington, Del.
Ball Bros. Glass Mfg. Co. (Corrugated), Muncie, Ind.
Chicago Mill & Lumber Co., 11 W Washington, Chicago, Ill.
Commercial Box & Envelope Co., Chester, Pa.
Corrugated Container Corp., Columbus, O.
Danbury Square Box Co., Danbury, Conn.
Fenton Fibre Box Co., No Tonawanda, N. Y.
Fibre Board Box Co., 2622 N Hancock, Phila., Pa.
Fort Wayne Corrugated Paper Co., Hartford, Ind.
HINDE & DAUCH PAPER CO. (Corrugated), Sandusky, O.
Am. Tabu. Package Co., Div. Am. Box Board Co., Grand Rapids, Mich.
Kennebunk Mfg. Co. ("Lunch," etc.), Rochester, N. H.
Mengel Box Co., Louisville, Ky.
National Fibre & Insulation Co., Yorklyn, Del.
ROGERS FIBRE CO. (Leatheroid Mfg. Co.), ("Leatheroid"), 121 Beach, Boston, Mass.
St. Louis Paper Can & Tube Corporation, St. Louis, Mo.
Standard Fibre Co., Miller st, Somerville, Mass.
Toledo Fibre Package Co., Toledo, O.
Tonawanda Board & Paper Co., Tonawanda, N. Y.

1227a— *Boxes (Fig)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

1228—Boxes (Fire Alarm Signal)

Bunnell J. H. & Co. ("Jove," "Falcon," "Vulcan"), 32 Park pl, New York
Edwards & Co., Exterior & 140th, New York
Gamewell Fire Alarm Telegraph Co., Newton Upper Falls, Mass.
Leveridge Chas. W. ("Diamond L"), 133 Liberty, New York
Loper Fire Alarm Co., Stonington, Conn.
Star Electric Co., Binghamton, N. Y.

1229— Boxes (Fishing Tackle)

Kraft A. C. ("Borcherdt" & "Wilson"), 323 W Lake, Chicago, Ill.
Merriam Mfg. Co. ("Johnson Trayless"), Durham, Conn.
Wilson F. Cortez Co. ("Borcherdt," "Wilson," "Landis"), 323 W Lake, Chicago, Ill.
Wright Bros. Paper Box Co., Fond du Lac, Wis.

Boxes (Floor)

See Boxes, Junction or Outlet

1230—Boxes (Folding Paper)

American Box Board Co., Grand Rapids, Mich.
American Folding Box Co., 21 W 4th, New York
ANDREWS O. B. CO., Chattanooga, Tenn.
Battle Creek Paper Co. Ltd., Battle Creek, Mich.
Boas Wm. J. Co., 1427 Vine, Phila., Pa.
Boehme & Rauch Co., Monroe, Mich.
Brown & Bailey Co., 410 Franklin, Phila., Pa.
Buffalo Box Factory (Corrugated), Buffalo, N. Y.
Burt F. N. Co., Buffalo, N. Y.
Campbell Paper Box Co., South Bend, Ind.
Chicago Folding Box Co., 2555 Taylor, Chicago, Ill.
Collins H. L. Co., Myrtle & Wabash, St. Paul, Minn.
Commercial Box & Envelope Co., Chester, Pa.
Coast Folding Paper Box Factory, Inc., 560 Mission, San Francisco, Cal.
Dayton Folding Box Co., 2727 Spring Grove av, Cincinnati, O.
Downingtown Paper Box Co., East Downingtown, Pa.
Edwards Folding Box Co., 27 N 6th, Phila., Pa.

BOXES (FOLDING PAPER)—continued
Empire Paper Tube & Box Co., 155 Bank, New York
Fisher B. E. & Co., 117 N 5th av, Chicago, Ill.
Fleishhacker A. & Co., 401 2nd, San Francisco, Cal.
Friedel J. F. Paper Box Co. (Suit, Laundry, Cake, etc), Syracuse, N. Y.
Gair Robert Co. (Corrugated Paper), 50 Washington, Brooklyn, N. Y.
Grand Rapids Paper Box Co., Grand Rapids, Mich.
Hinde & Dauch Paper Co. (Corrugated Paper), Sandusky, O.
Hummel & Downing Co., N Cambridge av, Milwaukee, Wis.
Illinois Glass Co. (Corrugated Paper), Alton, Ill.
Kratz A. S. Co., Richmond, Va.
Lawrence Paper Mfg. Co. ("Jayhawk" Corrugated Paper), Lawrence, Kan.
Lincoln Paper Co., Lincoln, Neb
Lindley Box & Paper Co., Gas City, Ind.
Mac-Sim-Bar Paper Co. (Corrugated Paper), Otsego, Mich.
Menasha Carton Co., Menasha, Wis.
Milwaukee Paper Box Co., Florida & Grove, Milwaukee, Wis.
National Folding Box & Paper Co., New Haven, Conn.
O. K. Paper Pail Co., Middletown, O.
Pittsburgh Paper Box Co., Vanadium bldg, Pittsburgh, Pa.
Rochester Folding Box Co., Rochester, N.Y.
Russell Box Co., Chelsea, Mass.
St. Louis Paper Co., 500 N 3d, St. Louis, Mo.
Shuttleworth Keiller & Co., 474 W B'way, New York
Sefton Mfg. Corp. (Corrugated Paper), 1301 W 35th, Chicago, Ill.
Seneca Falls Folding Box Co., Seneca Falls, N. Y. *See adv index at end of book*
Stone & Forsyth Co., 67 Kingston, Boston, Mass.
Sweet A. H. & Son, Norton, Mass.
Thompson & Norris Co. The (Corrugated Paper), Concord & Prince, Brooklyn, N. Y.
U. S. Paper Goods Co., 1224 W 8th, Cincinnati, O.
Webb Folding Box Co., Bogota, N. J.
Whitney & Co., Leominster, Mass.

1231—*Boxes (Foundry, Steel)

OHIO MFG. CO., P. O. Box 358, Painesville, O. *See adv index at end of book*

1232— Boxes (Fuse)

See also Boxes, Switch

Brady Electric Mfg. Co. (Three Wire, etc.), New Britain, Conn.
Columbia Machine Works & Malleable Iron Co., Atlantic av, & Chestnut, Brooklyn, N. Y.
Columbia Metal Box Co., 226 E 144th, New York
Crouse-Hinds Co. ("Condulets"), Syracuse, N. Y.
D & W Fuse Co., Hathaway, Providence, R. I.
Erie Metal Products Co., Erie, Pa.
Fisher Chase Mfg. Co., 118 Parsons av, Columbus, O.
GENERAL ELECTRIC CO., Schenectady, N. Y.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Johns H. W.-Manville Co. ("Noark" Service Subway Boxes), Madison av & 41st, New York
Johns, Pratt Co. The ("Noark" Service, Subway, Car, Manhole, Meter, Protective, Special for any Electrical Device), Hartford, Conn.
Palmer Electric & Mfg. Co. (Service), 60 K, Boston, Mass.
Pass & Seymour, Solvay, N. Y.
Philadelphia Electrical & Mfg. Co. ("Pemco"), 1236 N 31st, Phila., Pa.
Smith A. L. Iron Wks., Chelsea, Mass.
Solar Metal Products Co. (Steel), Columbus, O.
Tower-Binford Elec. & Mfg. Co., Richmond, Va.
Troy Electrical Co., Troy, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

1233—Boxes (Fuse, Street Car)

Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
D & W Fuse Co., Hathaway, Providence, R. I.
Johns H. W.-Manville Co. ("Noark" Madison av & 41st, New York

1234—Boxes (Fused Coupling, for Feeder Cables)

D & W Fuse Co., Hathaway, Providence, R. I.
Mesta Machine Co., Oliver bldg, Pittsburgh, Pa.
See adv index at end of book
Standard Underground Cable Co., Pittsburgh, Pa.

1235— Boxes (Gill)

Saco-Lowell Shops (for Drawing, Repairing & Finishing), 77 Franklin, Boston, Mass.

1235a— *Boxes (Gold Paint)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

1235b—*Boxes (Glove Powder)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

1236—Boxes (Grease, Plumbers')

Boekel, Wm. & Co., 518 Vine, Philadelphia, Pa.
Johnson Wm. (Hedenberg Works), Newark, N. J.
Wolff L. Mfg. Co., 111 N Dearborn, Chicago, Ill.

1237— Boxes, (Grindstone)

See Grindstone Boxes, Frames

1237a—*Boxes (Hardware & Tool)

ESTES E. B. & SONS, 364 5th av, New York. *See adv index at end of book*

1237b— Boxes (Hat)

Belber Trunk & Bag Co., 1641 N Hancock, Phila., Pa.
Boyle John & Co., 112 Duane, New York
Galewski A. & Son, 453 Broome, New York
Katz Bros. Leather Goods Co., 135 W 20th, New York
National Veneer Products Co., Mishawaka, Ind.
Schmick F. & Co., 873 B'way, New York
Warren Leather Goods Co., Worcester, Mass.
White F. H. Co., 1001 Hamilton, Phila., Pa.

1238— Boxes (Hot)

Weatherly Co. (for Japanning), Grand Rapids, Mich.

1238a—*Boxes (Hinged Cover)

Estes E. B. & Sons (Wooden), 364 5th av, New York *See adv index at end of book*

1239— Boxes (Jack)

American Electric Co., 6401 S State, Chicago, Ill.
Garl Electric Co., Akron, O.

1240— Boxes (Jewelers')

Bergner Fred & Co., Paca & Cross, Baltimore, Md.
Dennison Mfg. Co., 26 Franklin, Boston, Mass.
Elmwood Box Co., 87 Willard av, Providence, R. I.
Farrington Mfg. Co., 23 Vale, Boston, Mass.
Jencks Paper Box Co., 45 Waldo, Providence, R. I.
Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book
Sweet A. H. & Son, Norton, Mass.
Taylor Card & Box Co., 196 W Exchange, Providence, R. I.
Young Bros., 722 Eddy, Providence, R. I.

1241— Boxes (Journal)

American Car & Foundry Co., Syndicate Trust bldg., St. Louis, Mo.
Atlanta Mfg. & Supply Co., Atlanta, Ga.
Brown, A. & F. Co., 79 Barclay, New York.
Buckeye Steel Castings Co. ("Cast Steel"), Columbus, O.
Chain Belt Co., Milwaukee, Wis.
Chester Steel Casting Co., Chester, Pa.
Chicago Railway Equipment Co. ("Creco"), 1928 W 46th, Chicago, Ill.
Chickasaw Machine & Foundry Co., Memphis, Tenn.
Cresson-Morris Co., Allegheny & 18th, Philadelphia, Pa.
Falls Clutch & Machinery Co., Cuyahoga Falls, Ohio
Gould Coupler Co. ("Gould" Malleable Iron), 30 E 42nd, New York
Great Western Mfg. Co., Leavenworth, Kan.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Hoppen J. E. & Sons (Self Oiling), 78 Main, Belleville, N. J.
See adv index at end of book
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Jones E. D. & Sons Co., Pittsfield, Mass.
Jones W. A. Foundry & Machine Co., 4401 W. 12th, Chicago, Ill.
Lane Mfg. Co., Montpelier, Vt.
Leffel Jas. & Co., 500 Lagonda, Springfield, O.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Philadelphia, Pa.
See adv index at end of book
McCord & Co. ("McCord" Malleable Iron for Railroads), 122 S. Michigan av, Chicago, Ill.
Michigan Malleable Iron Co. ("Detroit"). Delray, Detroit, Mich.
National Malleable Castings Co., 7706 Platt av S E, Cleveland, O.
Nordyke & Marmon Co. (Ball & Socket), 1290 Kentucky av, Indianapolis, Ind.
Pratt & Letchworth Co., Buffalo, N. Y.
Railway Roller Bearing Co. (Roller Bearing), Syracuse, N. Y.
See adv index at end of book
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Sterling Blower Co. ("Sterling" Self-Oiling), Hartford, Conn.
Symington T. H. Co. ("Symington"), Md. Trust bldg, Baltimore, Md.
Taylor Electric Truck Co., Troy, N. Y.
Taylor W. P. Co. ("Taylor's," Dustproof Self-Locking), Ellicott sq, Buffalo, N. Y.
Trump Mfg. Co., Springfield, O.
Union Spring & Mfg. Co. ("Kensington" All Steel), New Kensington, Pa.
Wolf Co. (Plain, for Conveyor Rolls), Chambersburg, Pa.
Wood's T. B. Sons Co., Chambersburg, Pa.
Woonsocket Machine & Press Co., Woonsocket, R. I.

1242—Boxes (Junction or Outlet)

Acme Metal Stamping Co., 429 Prospect, N W, Cleveland, O.
Adam Frank Electric Co. (Junction), 904 Pine, St. Louis, Mo.
Adapti Mfg. Co. ("Adapti"), 919 West, Cleveland, O.
Advance Electric & Mfg. Co., Kansas City, Mo.
Allino Switch Box Mfg. Co., St. Louis, Mo.
Allsteelequipt Co., Aurora, Ill.
Appleton Electric Co. ("Appleton"), 230 N Jefferson, Chicago, Ill.
Arrow Electric Co. ("Pipe Ends"), Hartford, Conn.
Aurora Steel Products Co., Aurora, Ill.
Austin M. B. & Co., 706 W Jackson bl., Chicago, Ill.
Barlow Foundry Co. ("Jem"), 551 R. R. av, Newark, N. J.
Berry-Glosser Co., Marion, O.
Bierman-Everett Foundry Co., Irvington, N. J.
Bonnell W. A. Co., 182 Church, New York
Brady Electric Mfg. Co. ("Brady" Arc), New Britain, Conn.
Burns Jas. F., 713 Cherry, Phila., Pa.
Chelten Elec. Co., Armat & Heiskel, Phila., Pa.
Chicago Fuse Mfg. Co. ("Union"), 1014 W Congress, Chicago, Ill.
Cleverly Electrical Works, 17 N 7th, Phila., Pa.
Colgan W. H. Co. ("Rex"), W. Newton, Mass.

Columbia Metal Box Co., 226 E 144th, New York
Conlan Electric Co., 86 Walker, New York
Connecticut Elec. Mfg. Co., Bridgeport, Conn.
Cook Frank B. Co., 326 W Madison, Chicago, Ill.
Crouse-Hinds Co. ("Condulets"), Syracuse, N. Y.
Cuthbert Electrical Mfg. Co., 725 Fulton, Chicago, Ill.
Cutter Geo. Co. ("Quixet" floor), South Bend, Ind.
Dahlstrom Metallic Door Co., 35 Blackston av, Jamestown, N. Y.
See adv index at end of book
D & W Fuse Co., Hathaway, Providence, R. I.
Dill Mfg. Co., 684 E 82d, Cleveland, O.
Economy Elec'l. Specialty Co., 2857 S Halsted, Chicago, Ill.
Electric Operations Co., 254 36th, Brooklyn, N. Y.
Electric Panelboard Co., 27 N Water, Rochester, N. Y.
Fancleve Specialty Co., Boston, Mass.
Federal Sign System (Electric), 640 W Lake, Chicago, Ill.
G. & W. Electric Specialty Co. ("Subway"), 7440 S Chicago av, Chicago, Ill.
Geometric Stamping Co., 221 E 131st, Cleveland, O.
Gillette-Vibber Co. ("G. V." Outlet), New London, Conn.
Gleason John L. ("Fancleve" for Exposed Conduits), Jamaica Plains, Boston, Mass.
Greater N. Y. Metal Box Co., 143 W 19th, New York
Hart Mfg. Co., 230 Hamilton, Hartford, Conn. *See adv index at end of book*
Hart & Hegeman Mfg. Co., 342 Capitol av, Hartford, Conn.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Iron Spec. Co., 166 E 114th, New York
Johns H. W.-Manville Co. ("Noark"), Madison av & 41st, New York
Krantz Mfg. Co. (Adj.), 160—7th, Brooklyn, N. Y.
Mansfield Electric Hardware Co., Mansfield, O.
Mutual Electric & Machine Co., 232 Fort W Detroit, Mich.
National Metal Molding Co. ("National"), 1110 Fulton bldg, Pittsburgh, Pa.
New England Machine & Electric Co., Pawtucket, R. I.
Newgard Henry & Co. ("Newgard"), 947 Wash'n boul, Chicago, Ill.
Ostrander W. R. & Co (Cast Iron), 371 B'way, New York
P. & B. Mfg. Co., 1624 Fratney, Milwaukee, Wis.
Pass & Seymour (Junction), Solvay, N. Y.
Potter Mfg. Co., 1060 Superior av, N W, Cleveland, O.
Pratt Chuck Co., Frankfort, N. Y.
Pringle Electrical Mfg. Co., 1906 N 6th, Phila, Pa.
Protective Electrical Supply Co., Fort Wayne, Ind.
Railroad Supply Co., 203 S Dearborn, Chicago, Ill.
Renim Specialty Co. ("Renim" Universal for Flexible Metallic & Non-Metallic Conduits), Brighton, Boston, Mass.
Rice Geo. H. Co., 481 Sterling pl, Brooklyn, N. Y.
Robb & Blackmer, 129 Pearl, Boston, Mass.
Russell & Stoll Co. (Floor Only), 17 Vandewater, New York
Seidler-Miner Co. (Marine), Detroit, Mich.
Sieffert Electric Co., Evansville, Ind.
Solar Metal Products Co. (Steel), Columbus, O.
Sprague Electric Works (Universal), 529 W 34th, New York
Standard El. Fitting Co., Stamford, Conn.
Standard Underground Cable Co. (Cable Junction Box for High Tension Transmission Circuits), Pittsburgh, Pa.
Stanley & Patterson ("Patterson," "Fielding"), 23 Warren, New York
Star Metal Box Co., 509 W 19th, New York
Stecker Elec. & Machine Co., Detroit, Mich.
Steel City Electric Co. ("Steel City," "Campbell" Receptacle, "Fullnean"), 1207 Columbus av, Pittsburgh, Pa.
Sterling Foundry & Machine Co., 521 Chancellor av, Newark, N. J.
Superior Electric Mfg. Co., 2416 Univ av, S E, Minneapolis, Minn.
Taylor-Boggis Foundry Co., Cleveland, O.
Thomas & Betts Co. ("T. & B."), 63 Vesey, New York
United Electrical Construction Co., 110 S Dearborn, Chicago, Ill.
Universal Elec. & Specialty Mfg. Co., New Orleans, La.
V. V. Fittings Co., 1906 N 6th, Phila., Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wilson A. B. Co., Leader-News bldg, Cleveland, O.
Wurdack Wm. Elec. Mfg. Co., 21 S 11th, St. Louis, Mo.

Boxes (Letter)

See Boxes, Mail

Boxes (Lithographed Metal)

See Boxes & Cans, Litho Metal

1243— Boxes (Lock)

Corbin Cabinet Lock Co., New Britain, Conn.
Fire-Proof Furniture & Construction Co. Steel), Miamisburg, O.
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Merriam Mfg. Co. (Tin), Durham, Conn.
Meilink Mfg. Co. (Heavy Steel Plate), Toledo, O.
Miller Lock Co., 4523 Tacony, Phila., Pa.
Standard Stamping Co., Maryville, O.
Stirrup Mfg. Co., 257 Greenwich, New York
Wharton Wm. Jr. & Co., Inc., Easton, Pa.
Yale & Towne Mfg. Co., 9 E 40th, New York

1244— Boxes (Lock Corner)

Abbey Frank R. (And Nailed Wooden), 15 William, New York
Acme Box Co., 1401 W 21st pl, Chicago, Ill.
Alliger Box & Lumber Co., N Tonawanda, N. Y.
AMERICAN CRAYON CO. ("Basswood"), 1300 Hayes av, Sandusky, O.
See adv index at end of book
American Woodworking Co., 19 Warren. New York
Atwood & McManus Box Co. (Wooden), Chelsea, Mass.
Beck August C. Co., 1-30 East, Milwaukee, Wis.
Bogert & Hopper (Wooden), 67 Barclay, New York
Cardington Cabinet Co., Cardington, O.
Columbia Box Co., 19th & N Market, St. Louis, Mo.
Connecticut Box Co., New Haven, Conn.
Dickinson's A. Sons, Ashuelot, N. H.
Dunning-Varney Corp., 99 Warren, New York
Embry Box Co., Louisville, Ky.
ESTES E. B. & SONS (Wooden), 364 5th av, New York
See adv index at end of book
Franklinville Canning Co., Franklinville, N. Y.
Green A. H. Co., 97 Warren, New York
Griggs-Hanna Co., 1240 Michigan av, Detroit, Mich.
Hart Dow, J., Marlboro, N. H.
New England Box Co., Greenfield, Mass.
Niagara Box Co., 820 S Division, Buffalo, N. Y.
Novelty Turning Co., Norway, Me.
Omaha Box Co., Omaha, Neb.
Page Geo. G. Box Co., Cambridge, Mass.
Parsons Mfg. Co., Chelsea, Mass.
Peirce W. E. & Co., Milford, N. H.
PETERSON F. W. CO., 68 Thomas, New York *See adv index at end of book*
Schutz Bros., 152 Chambers, New York
Sheip Hy. H. Mfg. Co., 6th & Columbia av, Phila., Pa.
Smith A. L. Iron Wks., Chelsea, Mass.
STILES H. A. & CO., 93-97 Oliver, Boston Mass. *See adv index at end of book*
Sweet A. H. & Son, Norton, Mass.
Thompson Jas. A., Lowell, Mass.
Tollner's Chas. Sons Co., Pulaski, N. Y.
Union Hardware Co., Torrington, Conn.
Varney Isaac & Sons Co., Fall River, Mass.
West F. M. Box Co. (Side Cover), Springfield, Mass.

1245—Boxes (Locomotive Driving)

DAMASCUS BRONZE CO. ("Damascus"), N S, Pittsburgh, Pa.
See adv index at end of book
Keystone Bronze Co., Pittsburgh, Pa.

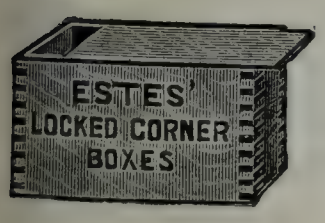
1246— Boxes (Lunch)

Columbus Fibre Box Co. (Fibre), N W cor Hickory & Wall, Columbus, O.
Enoch Mfg. Co., Mount Sterling, Ky.
Fletcher, Terry Co. (Folding Fibre, etc), Forestville, Conn.
Kennebunk Mfg. Co. (Folding Fibre, etc), Rochester, N. H.
Landers, Frary & Clark Co. ("Universal" Metal), New Britain, Conn.
Reading Saddle & Mfg. Co. ("20th Century," "Eagle," "Black Diamond," "American," "Raven," "Reading"), Reading, Pa.
Try It Mfg. Co. (Folding), Plainville, Conn.
White Paper Box Co. ("Perfection"), Holyoke, Mass.

1247— Boxes (Mail)

See also Boxes, Rural Mail

Ajax Hardware Mfg. Co. ("Ajax Rust-Proof"), 1100 Military rd, Buffalo, N. Y.
American Mailing Device Corp., 103 Park av, New York
Bunnell J. H. & Co. (For Apartment Houses, etc), 32 Park pl, New York
Cassady, Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Climax Lock & Ventilator Co. ("Climax"), 656 Michigan av, Buffalo, N. Y.
Corbin Cabinet Lock Co. (Apartment House & Office Letter Boxes), New Britain, Conn.
Couch S. H. Co., Norfolk Downs, Mass.
Elec. Apparatus Co., 127 S Green, Chicago, Ill.
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Federal Equipment Co., Carlisle, Pa.
Forest City Foundry & Mfg. Co. ("Standard"), 2202 Elm av, Cleveland, O.
Gier Pressed Steel Co., Lansing, Mich.
Greswold Mfg. Co., Erie, Pa.
Gray Iron Foundry Co., Reading, Pa.
Heise Wm. F. Mfg. Co. ("20th Century"), 355 Union pk ct., Chicago, Ill.
Introstile Mfg. Co. ("Urban"), Marietta, O.
In Vu Mfg. Co., Rochester, N. Y.
Keil Frances & Son, 401 E 163d, New York
Lovell F. H. & Co., Arlington, N. J.
Manhattan Electrical Supply Co. (House Letter), 17 Park pl, New York
See adv index at end of book
Menominee Elec. Mfg. Co., Menominee, Mich.
Metal Forming Corp. ("City Gem"), Elkhart, Ind.
Merriam Mfg. Co. (Tin), Durham, Conn.
Nicol & Co., 218 N Jefferson, Chicago, Ill.
Northwestern Mail Box Co. ("Carriers' Friend"), 5029 McKissock, St. Louis, Mo.



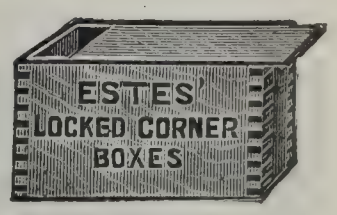
Established 1847 **E. B. ESTES & SONS** Manufacturers of

Lock Cornered Eastern White Pine and Basswood

PACKING and MAILING BOXES

ALSO FINISHED HARDWOOD BOXES *FINE PRINTING A SPECIALTY*

364 5th AVENUE, NEW YORK CITY



BOXES (MAIL)—continued
Oakes Mfg. Co., Tipton, Ind.
Peck C. A. Hardware Co., Berlin, Wis.
Phelps & Sons Mfg. Co., 110 Pennington, Newark, N. J.
Presteel Co. (Steel), Grafton, O.
Reading Hardware Co., Reading, Pa.
Rock Island Mfg. Co., Rock Island, Ill.
Samson Elec. Co., 146 Summer, Canton, Mass.
Standard Stamping Co., Marysville, O.
Taylor & Boggis Foundry Co., Cleveland, O.
Walsh, Owen Mfg. Co., 525 W 26th, New York
Wheeler W. A. ("Globe"), Indianapolis, Ind.
Wilhelm Henry, 70 Frost, Brooklyn, N. Y.
Winfield Mfg. Co., Warren, O.
Yale & Towne Mfg. Co., 9 E 40th, New York

1248— Boxes (Mailing)

Estes E. B. & Sons (Screw Cover), 364 5th av, New York
See adv index at end of book
Jencks Paper Box Co. ("Sensible," "Whitney"), 45 Waldo, Providence, R. I.
Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book
St. Louis Paper Can & Tube Corporation (Fibre), St. Louis, Mo.

1249—Boxes (Manhole Junction)

D & W Fuse Co., Hathaway, Providence, R. I.
G. & W. Electric Specialty Co., 7440 S Chicago av, Chicago, Ill.
Johns H. W.-Manville Co. ("Noark"), Madison av & 41st, New York
Ricker Mfg. Co., 239 N Water, Rochester, N. Y.
Standard Underground Cable Co., Pittsburgh, Pa.

1250—*Boxes (Medicinal, Toilet, Etc.)

AMERICAN CAN CO. (Seamless, etc), 120 B'way, New York
See adv index at end of book
Estes E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*

1251-2— *Boxes (Metal)

AMERICAN CAN CO., 120 B'way, New York *See adv index at end of book*
Penn Metal Co. ("Penco"), 65 Franklin, Boston, Mass.

1253— Boxes (Meter)

Advance Electric & Mfg. Co., Kans. City, Mo.
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Brady Electric Mfg. Co. (For Sealing Wires After Meter is Removed), New Britain, Conn.
BUFFALO METER CO. (Water Meter), 2921 Main, Buffalo, N. Y.
See adv index at end of book
Casey-Hedges Co. (Cast Iron), Chattanooga, Tenn.
Clark H. W. Co. ("Clark," "Southland"), Mattoon, Ill.
Clarksville Foundry & Machine Works ("Ryder" Self-Locking), Clarksville, Tenn.
Columbian Iron Works, Chattanooga, Tenn.
Dickey W. S. Clay Mfg. Co., Life bldg, Kansas City, Mo.
Donley Bros. Co. (Electric), 3625 E 74th, Cleevland, O.
See adv index at end of book
Ford Meter Box Co., Wabash, Ind.
Modern Iron Works ("Andrews"), Quincy, Ill.
Nichols Mfg. Co., Ottumwa, Ia.

When writing to firms listed in this book please, mention HENDRICKS' COMMERCIAL REGISTER

P. & B. Mfg. Co., 1624 Fratney, Milwaukee, Wis.
S. E. T. Valve & Hydrant Co., 50 Church, New York

THE "JERSEY METER" BOX

Provides Security—against Freezing and Meddlers. Permits quick reading and inspection. Sizes up to 36 inches.

S. E. T. VALVE & HYDRANT CO.,
Specialties in underground Housings and Adjustable Manhole Covers
50 Church Street, New York City

1253a—*Boxes (Meter Dial Curb)

BUFFALO METER CO., 2921 Main, Buffalo, N. Y.
See adv index at end of book

1253b—*Boxes (Microscope Slide)

Estes E. B. & Sons, 364 5th av., New York
See adv index at end of book

1254— Boxes (Milk)

Rice & Adams (Sanitary), Buffalo, N. Y.

1254a— Boxes (Mill)

Rogers Fibre Co. (Leatheroid Mfg. Co.), ("Leatheroid"), 121 Beach, Boston, Mass. *See adv index at end of book*

METAL Yarn and Doffing Boxes, Mill Cars, Lockers, Waste Cans, Barrels, Shelving

ANDREW WILSON CO.
616 Essex St. Lawrence, Mass.

1255— Boxes (Miners' Squib)

Anton Geo. T. & Bro., Monongahela, Pa.

1256— Boxes (Mitre)

Gay Geo. E. ("Gem" Folding), Augusta, Me.
Gilford F. E. ("Gilford's" Adjustable), Concord, N. H.
Goodell Mfg. Co. ("Goodell" Bessemer Steel & "Greenfield" Iron), Greenfield, Mass.
Goodell-Pratt Co. ("Goodell" & "All-Steel"), Greenfield, Mass.
Jacobs L. W., West Willington, Conn.
Jennings C. E. & Co., 71 Murray, New York
Kawalle Automatic Mitre Box Co., Manitowoc, Wis.
McCarty J. C. & Co. ("Victor" Folding), 29 Murray, New York
McFarlan & Spilker Mfg. Co. ("Excelsior" & "Spelter"), Colerain & Dorman, Cincinnati, O.
Mayhew H. H. Co. ("Mayhew"), Shelburne Falls, Mass.
Millers Falls Co. ("Langdon," "Star," "Marsh-Ayer"), Millers Falls, Mass.
Nicholls Mfg. Co. ("True"), Ottumwa, Iowa
Ohio Tool Co. (Hardwood), Charleston, W. Va.
Olmsted's L. H. Son, Hasbrouck Heights, N. J.
Overholt Co. (Autos, etc), Galesburg, Ill.
Rockford Mitre Box Co. ("Star," "Honeycomb" for Metal or Wood), Rockford, Ill.

SMITH & HEMENWAY CO., INC. ("Seavey," Patent, "Red Devil"), 261 B'way, New York, 130 Coit, Irvington, N. J. *See adv index at end of book*
Stanley Rule & Level Co. ("Stanley," "Victor"), New Britain, Conn.
Stearns E. C. & Co. ("Stearns" Folding), 450 Oneida, Syracuse, N. Y.
Union Hardware Co. ("Perfection"), Torrington, Conn.

1257— Boxes (Muffle)

Bethlehem Foundry & Machine Co. (For Chemical Mfg, etc), Front, South Bethlehem, Pa.
Garwood Bronze & Iron Works, Garwood, N. J.

1258— Boxes (Music)

Jacot A. H., 29 John, New York
Regina Co., 47 W 34th, New York

1259— Boxes (Nail)

AMERICAN STEEL & WIRE CO. ("Mrs. McGregor"), 208 S La Salle, Chicago, Ill. *See adv index at end of book*
Lyon Metallic Mfg. Co. ("Lyon" Steel), Aurora, Ill.
OHIO MFG. CO., P. O. Box 358, Painesville, O. *See adv index at end of book*
St. Louis Paper Can & Tube Corporation (Fibre, for Roofing Nails), St. Louis, Mo.

1259a— *Boxes (Nested)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

1260— Boxes (Oil Fuse)

Ricker Mfg. Co. ("Rochester"), Rochester, N. Y.

1260a—*Boxes (Optical Mailing)

Established 1847 **E. B. ESTES & SONS**
Manufacturers of Lock Cornered Eastern White Pine and Basswood
PACKING AND MAILING BOXES
Also Finished Hardwood Boxes. Fine Printing a Specialty
364 5th AVENUE NEW YORK CITY

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Boxes (Outlet or Junction)

See Boxes, Junction or Outlet

1260b— *Boxes (Paper)

See also Boxes, Corrugated Paper, etc.
RITCHIE W. C. & CO., 400 S Green, Chicago, Ill.

1261—Boxes (Paper, Metal Edge)

Economy Metal Edge Box Co., 500 S Peoria, Chicago, Ill.
National Metal Edge Box Co., 8th c Willow, Phila., Pa.
N. Y. Metal Edge Box Works, 212 Front, New York

1262—*Boxes (Paper Shipping)

Bridgman Smith Co., Kent & Division avs, Brooklyn, N. Y.

1263— *Boxes (Parcels Post)

ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
HINDE & DAUCH PAPER CO. (Corrugated Fibre), Sandusky, O.

1264— Boxes (Pencil)

American Mfg. Concern (Advertising), Falconer, N. Y.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Tollner's Chas. Sons Co., Pulaski, N. Y.

1264a—*Boxes (Pin & Hairpin)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

1264b— Boxes (Pin & Trinket)

The Arlington Works (E. I. du Pont De Nemours & Co.), 21 E 40th, New York
SCHIMPER WILLIAM & CO., 322-338 Ferry, Hoboken, N. J., & 33 Union sq W, New York

1265— Boxes (Pitman)

Herschel R. Mfg. Co., Peoria, Ill.

1265a—Boxes (Plant, All Metal)

Majestic Co., Huntington, Ind.

1265b—*Boxes (Polished Wood)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

1266— Boxes (Porous Clay)

Maddock John & Sons (Special Oblong, etc), Trenton, N. J.

1267—Boxes (Post Office Lock)

Eagle Lock Co., Terryville, Conn.
Federal Equipment Co., Carlisle, Pa.
Keyless Lock Co., Indianapolis, Ind.
Yale & Towne Mfg. Co., 9 E 40th, New York

1268— Boxes (Powder)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

1268a— Boxes (Puff)

The Arlington Works (E. I. du Pont De Nemours & Co.), 21 E 40th, New York

1269—Boxes (Railroad Ticket & Cash Receipt)

Macdonald Ticket & Ticket Box Co., 215 Penn bldg, Cleveland. O.

Boxes (Resistance)

See Rheostats

1269a— *Boxes (Rifle)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

1270— Boxes (Rural Mail)

See also Boxes, Mail

Alexander Aaron, Newfield, N. Y.
Banker C. P., Lawrence, Kan.
Barth A. H., Sr., Lamar, Mo.
Bettler C. L. & Son, ("Wapello"), Wapello, Ia.
Brickenstein L. B. ("Winston-Salem," "Brickenstein"), Winston-Salem, N. C.
Coulston Brundage & Co., La Harpe, Ill.
Dairymen's Mfg. Co. ("Dandy"), Bay, Jersey City, N. J.
Deshler Mail Box Co. ("Ohio," "Deshler"), Deshler, O.
Erickson J. M., Slater, Ia.
Folsom C. G. Mfg. Co. ("Ideal"), South Bend, Ind.
Forney John H. ("Enterprise"), Burlington, Ia.
Gust G. W., Morenci, Mich.
Harper & McIntire Co. ("Har Mac"), Ottumwa, Ia.
Heine Jno F. & Son ("Hooper"), Hooper, Neb.
Keller-Aller Co., Napoleon, O.
Hessler H. E. Co. ("Hessler"), Syracuse, N. Y.
Hopson W. C. Co. ("Standard"), Grand Rapids, Mich.
Kelly Foundry & Machine Co., Goshen, Ind.
Kentucky Stamping Co. ("Kentucky" Automatic), Louisville, Ky.
Kearn & Brindle ("Ideal"), Columbus, O.
Lisk Mfg. Co. (Ltd.) ("Lisk" Aluminum Galvanized), Canandaigua, N. Y.
Lankoff L. G., Verden, Okla.
Moore James T. & Co., Terre Haute, Ind.
Northwestern Mail Box Co. ("Carriers Friend"), 5029 McKissock, St. Louis, Mo.
Peck C. A., Hardware Co. ("Gem," "Jewel"), Berlin, Wis.
Reese & Bro., Rolling Prairie, Ind.
Roesch Geo. E. ("Aurora" Automatic), Aurora, Ill.
Superior Sheet Metal Works Co. ("Leader," "Standard" Superior), 3201 Roosevelt av, Indianapolis, Ind.
Swan Geo. B. ("Improved Royal"), Mattoon, Ill.
Tharpe Hardware & Mfg. Co. ("Weather proof"), Monroe, N. C.

1271— Boxes (Safe Deposit)

Bethlehem Steel Co. (Armor Plate), South Bethlehem, Pa.
Diebold Safe & Lock Co. (Steel), Canton, O.
Gross-Feibel Co., Hillsboro, O.
Hamilton Sheet Metal Co., Hamilton, O.
Pottsville Foundry & Stove Co., Pottsville, Pa.
Safety Deposit Box Co., 395 W. Main, Battle Creek, Mich.
Trumbull Safe & Vault Co., 77 W Lake, Chicago, Ill.
Waterloo Hdw. Co., Waterloo, Ia.

1271a—*Boxes (Safety Razor)

Estes E. B. & Sons (Wood, Polished), 364 5th av, New York *See adv index at end of book*
Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book

1272—Boxes (Salt, Spice, Etc.)

Arcade Mfg. Co. (Wood), Freeport, Ill.
Chapman-Sargent Co. (Wooden), Perrysburg, O.
Columbia Can Co., Madison, 1st to 2d, St. Louis, Mo.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Lalance & Grosjean Mfg. Co. (Enameled Iron), 299 B'way, New York
St. Louis Paper Can & Tube Corporation, St. Louis, Mo.

1272a— Boxes (Salve)

The Arlington Works (E. I. du Pont De Nemours & Co.), 21 E. 40th, New York.

1273— Boxes (Sand)

See also Locomotive Sanders

Brill J. G. Co. ("Dumpit"), 62d & Woodland av, Philadelphia, Pa.
Cleveland Fare Box Co. ("Cleveland"), 5318 St. Clair av, Cleveland, O.
Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
Dayton Mfg. Co. ("Simmons-Moore"), Dayton, O.
Electric Service Supplies Co. ("Keystone" Vacuum), 17th & Cambria, Philadelphia, Pa.
Duner Co., 101 S Clinton, Chicago, Ill.
Haese Track Sander Co., Milwaukee, Wis.
Holland Trolley Supply Co. ("Nichols-Lintern"), 1623 E 43d, Cleveland, O.
Horne Mfg. Co., 50 Court, B'klyn, N. Y.
Jewett Car Co., Newark, O.
Lord Mfg. Co. ("Sterling"), 105 W 40th, New York
Ridlon Frank Co. ("Kilbourn"), 251A, Boston, Mass.
Trojan Button Fastener Co. ("Ham"), Troy, N. Y.

1274— Boxes (Scale)

American Hoist & Derrick Co., St. Paul, Minn.
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
Dobbie Foundry & Machine Co., Niagara Falls, N. Y.
Insley Mfg. Co., 3500 E St. Clair, Indianapolis, Ind.
Kilbourne & Jacobs Mfg. Co. (Steel), Columbus, O.
Ohio Ceramic Engineering Co. ("Lakewood"), Berea rd, Cleveland, O.
STEUBNER G. L. IRON WORKS (Steel), Queensboro Terminal, Long Island City, N. Y. *See adv index at end of book*
Union Iron Works, Hoboken, N. J.

1275— Boxes (Seamless Tin)

AMERICAN CAN CO., 120 B'way, New York *See adv index at end of book*
Buckeye Stamping Co., Columbus, O.
Clark J. L. Mfg. Co., Rockford, Ill.
Rumrill & Co., 52 Purchase, Boston, Mass.

Boxes (Service)

See Boxes, Valve & Service

1276— Boxes (Shafting)

See also Power Transmitting Machinery
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Atlanta Mfg. & Supply Co., Atlanta, Ga.
Badger Gas & Gasoline Engine Co., Kansas City, Kans.
Brown A. & F. Co., 79 Barclay, New York.
Chain Belt Co., Milwaukee, Wis.
Cresson-Morris Co., Allegheny & 18th, Phila, Pa.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Falls Clutch & Machy. Co., Cuyahoga Falls, O.
Great Western Mfg. Co., Leavenworth, Kans.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Hunt Rodney Machine Co., Orange, Mass.
Hyatt Roller Bearing Co. ("Hyatt," Roller Bearing), Harrison, N. J.
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
LINK-BELT Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Philadelphia, Pa.
See adv index at end of book
Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
Mobile Pulley & Machine Co., Mobile, Ala.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
Webster Mfg. Co., Tiffin, O.
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co., Chambersburg, Pa.

1277—Boxes (Shelf Hardware)

ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Green A. H. Co. (Interchangeable Lock Corner), 97 Warren, New York
Heller W. C. & Co. (Varnished Oak Fronts), Montpelier, O.
Moore Chas. P. ("Perfect"), Ravenswood, W. Va.
Sheip Hy. H. Mfg. Co., Columbia av & 6th, Phila., Pa.

Boxes (Shop, Steel)

See Boxes, Tote, Sheet Steel

1277a— *Boxes (Sliding Cover)

Estes E. B. & Sons (Wood), 364 5th av, New York
See adv index at end of book

1278— Boxes (Shuttle)

Barney & Berry (Steel), Springfield, Mass.

1278a— Boxes (Soap)

SCHIMPER WILLIAM & CO., 322-338 Ferry, Hoboken, N. J., & 33 Union sq, W., New York
The Arlington Works (E. I. du Pont De Nemours & Co.), 21 E. 40th, New York
Waterbury Mfg. Co., Waterbury, Conn.

1279—Boxes (Spark Coil, Waterproof)

Churchill Cabinet Co., 2119 Churchill, Chicago, Ill.
Standard Cabinet Mfg. Co., Peru, Ind.
Union Hardware Co., Torrington, Conn.
West F. M. Box Co., Springfield, Mass.

1279a— Boxes (Sponge)

The Arlington Works (E. I. du Pont de Nemours & Co.), 21 E. 40th, New York

1280— *Boxes (Sprue)

OHIO MFG. CO., P. O. Box 358, Painesville, O. *See adv index at end of book*

1281—*Boxes (Stacking Steel)

OHIO MFG. CO., P. O. Box 358, Painesville, O. *See adv index at end of book*

1282-3— *Boxes (Starch)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Boxes (Starting)

See Rheostats

1284— *Boxes (Stock, Steel)

Ohio Mfg. Co., P. O. Box 358, Painesville, O. *See adv index at end of book*

Boxes (Stoneware)

See Stoneware, Chemical

1285— Boxes (Stuffing)

Buckeye Iron & Brass Works, Dayton, O.
Crane Co. (Est. 1855) (Brass), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Dodge Sales & Engineering Co., Mishawaka, Ind.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Kelly & Jones Co. (Oil Well), 135 Water, Pittsburgh, Pa.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
Monarch Valve Co. ("Monarch"), 112 Front, Brooklyn, N. Y.
Richardson, Edro Brass Co. (Brass), 318 N Holliday, Baltimore, Md.
Union Machine Co. ("D. & L." Throttle Rod, 183 University av, St. Paul, Minn.
Upson-Walton Co. of N. Y. The ("Nobind") (Marine), 291 B'way, New York
See adv index at end of book
Wilcox, Crittenden & Co. (Bronze), Middletown, Conn.

1286— Boxes (Switch)

Adam Frank Electric Co., 904 Pine, St. Louis, Mo.
Adams-Holland Electric Co., Revere, Mass.
Advance Electric & Mfg. Co., Kansas City, Mo.
Allsteelequipt Co., Aurora, Ill.
Appleton Electric Co. ("Appleton"), 230 N. Jefferson, Chicago, Ill.
Bonnell W. A. Co., 132 Church, New York, N. Y.
Bryant Electric Co., Bridgeport, Ct.
Burns Jas. F., 713 Cherry, Phila., Pa.
Chicago Fuse Mfg. Co. ("Union"), 1014 W Congress, Chicago, Ill.
Colgan W. H. Co. ("Rex"), West Newton, Mass.
Columbia Metal Box Co., 226 E 144th, New York
Cutter Electrical & Mfg. Co. ("Munit"), 19th & Hamilton, Phila., Pa.
Economy Switchbox & Mfg. Co. ("E-Z"), Cleveland, O.
Frederick-Elder Co., Bridgeville, Pa.
Freeman E. H. Electric Co., Trenton, N. J.
Gleason John L. ("Francleve" for Exposed Conduits), Jamaica Plains, Boston, Mass.
Hall Switch & Signal Co. (For R. R. Signal Systems), 50 Church, New York
HART MFG. CO. ("Diamond H"), 230 Hamilton, Hartford, Conn.
See adv index at end of book
Hart & Hegeman Mfg. Co. ("H. & H."), Hartford, Conn.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Holabird-Reynolds Elec. Co., Los Angeles, Cal.
Krantz Mfg. Co., 160 7th, Brooklyn, N. Y.
National Metal Molding Co. ("National" Solid), Fulton bldg, Pittsburgh, Pa.
Newgard Henry & Co. ("Newgard"), 947 Wash'n blvd, Chicago, Ill.
Nottingham Wm., N 204 W Brighton, Syracuse, N. Y.
Ostrander W. R. & Co., 371 B'way, New York
Palmer Electric & Mfg. Co., 60 K, Boston, Mass.
Pringle Electrical Mfg. Co., 1906 N 6th, Phila., Pa.
Railroad Supply Co., 203 S. Dearborn, Chicago, Ill.
Renim Specialty Co. ("Renim" for Use with Flexible Metallic & Non-Metallic Conduit, etc), Brighton, Boston, Mass.
Rice Geo. H. Co. ("Hol-Ken"), 481 Sterling pl, Brooklyn, N. Y.
Steel City Electric Co. ("Steel City"), 1207 Columbus av, Pittsburgh, Pa.
Stirrup Mfg. Co. (for Moving Picture Machine), 257 Greenwich, New York
Tanner Wm. F. & Co. (Steel), 329 N Calvert, Baltimore, Md.
Taylor & Boggis Foundry Co., Cleveland, O.
Thomas & Bettes Co. ("T. & B."), 63 Vesey, New York
Trumbull Elec. Mfg. Co., Plainville, Conn.
V. V. Fittings Co. (Push Buttons, etc), 1906 N 6th, Philadelphia, Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wharton Wm. Jr. & Co. Inc., Easton, Pa.

1286a— *Boxes (Syringe)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

1287— Boxes (Tackle)

Merriam Mfg. Co. ("Johnson," Trayless), Durham, Conn.
Stirrup Mfg. Co., 257 Greenwich, New York
Wright Bros. Paper Box Co., Fond du Lac, Wis.

1288— Boxes (Take Up)

Chain Belt Co., Milwaukee, Wis.
Diamond Iron Works, 2nd & 18th av, N Minneapolis, Minn.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Dow Wire & Iron Works, Louisville, Ky.
Great Western Mfg. Co., Leavenworth, Kan.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Philadelphia, Pa.
See adv index at end of book
Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
Mobile Pulley & Machine Co., Mobile, Ala.
Montgomery Coal Washing & Mfg. Co., Birmingham, Ala.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Strait H. N. Mfg. Co., Kansas City, Kan.
Webster Mfg. Co., Tiffin, O.
Wolf Co., Chambersburg, Pa.

1288a—Boxes (Talcum Powder)

The Arlington Works (E. I. du Pont De Nemours & Co.), 21 E. 40th, New York

1289— *Boxes (Taper, Steel)

OHIO MFG. CO., P. O. Box 358, Painesville, O. *See adv index at end of book*

Boxes (Telephone)

See Telephone Cabinet Work

1290—Boxes (Telephone Toll)

Baird Equipment Co., 319 W Ohio, Chicago, Ill.

1291—*Boxes (Ticket Cancelling)

INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*

1292-3-4—*Boxes (Tin, Cigar)

National Can Co., Detroit, Mich.

1295— Boxes (Tobacco)

Cheshire J. & Son, Martinsville, Va.
Mershon W. B. & Co., Saginaw, Mich.
Runyon Bros., Eaton, O.
Vance E. J. Box Co., Ltd., Bay City, Mich.

1295a— *Boxes (Tool)

Estes E. B. & Sons (Wood), 364 5th av, New York
See adv index at end of book

1296—Boxes (Tool, Motorcycle)

GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis. *See adv index at end of book*
McKinney Jas. & Son, Albany, N. Y.

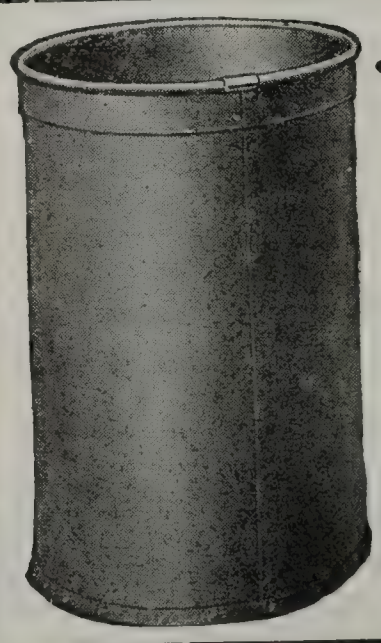
1297— *Boxes (Tool, Steel)

See also Steel Factory Equipment

Canton Art Metal Co., Canton, O.
Dahlstrom Metallic Door Co., 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book
Ohio Mfg. Co., P. O. Box 358, Painesville, O. *See adv index at end of book*
Youngstown Pressed Steel Co., Youngstown, O.

1297a—Boxes (Tooth-Powder)

The Arlington Works (E. I. du Pont De Nemours & Co.), 21 E 40th, New York

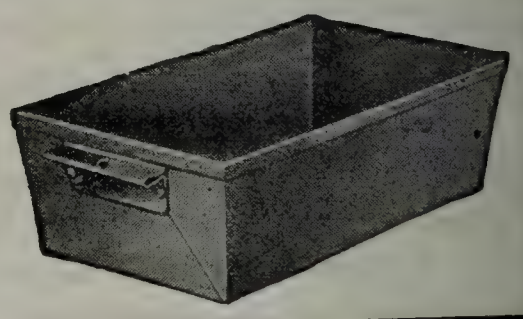


Ohio Manufacturing Co.

P. O. BOX 358 PAINESVILLE, OHIO

Sheet Steel Shop, Foundry and Truck Barrels.

Sheet Steel Tote Boxes
Annealing Pans
Steel Lathe Pans
Steel Pattern Storage, Tool and Stock Room Racks
Steel Factory Equipment
Adjustable Steel Factory Stools
Steel Barrel Trucks
Steel Shop Kegs
Shop Pans
Steel Shelving



1298—Boxes (Tote, Sheet Steel)

Allsteelequipt Co., Aurora, Ill.
Arnold S. G. ("Guttman"), 2619 W Van Buren, Chicago, Ill.
Berger Mfg. Co., Canton, O.
Bernstein Mfg. Co., 3d & Westmoreland, Phila., Pa.
Canton Art Metal Co., Canton, O.
Clark W. J. Co., Salem, O.
Cleveland Wire Spring Co., Cleveland, O.
Defiance Pressed Steel Co., Defiance, O.
Dexter Metal Mfg. Co, 93 Arch, Camden, N. J.
EDWARDS MFG. CO., Cincinnati, O. *See adv index at end of book*
Gem Stamped Steel Co., Chelsea, Mass.
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
HART & HUTCHINSON CO. ("H. & H."), Dept C, New Britain, Conn.
Heller W. C. & Co. (For Dies, Bolts, Nuts Screws, etc), Montpelier, O.
Heltzel Steel Form & Iron Co., Warren, O. *See adv index at end of book*
Kilbourne & Jacobs Mfg. Co., Columbus O.
Kraft A C., 323 W Lake, Chicago, Ill
Littleford Bros., 444 E Pearl, Cincinnati O.
Lyon Metallic Mfg. Co. ("Lyon"), Aurora, Ill.
Manufacturing Equipment & Engineering Co., 136 Federal, Boston, Mass.
New Britain Machine Co. ("New Britain"), 190 Chestnut, New Britain, Conn.
OHIO MFG. CO., P. O. Box 358, Painesville, O. *See adv index at end of book*
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York *See adv index at end of book*
Smith A. L. Iron Wks., Chelsea, Mass.
Sterling Wheelbarrow Co., Milwaukee, Wis.
Wall P. Mfg. Supply Co., 705 Preble av N S, Pittsburgh, Pa.
Wilson Andrew Co., 6616 Essex, Lawrence Mass. *See adv index at end of book*

1299— Boxes (Tubular)

The Arlington Works (E. I. du Pont De Nemours & Co.). 21 E. 40th. New York

1300— Boxes (Turned Wood)

See also Boxes, Lock Corner; also Wood Novelties, Turned

American Woodworking Co., 19 Warren, New York
Bogert & Hopper (Bluing, Druggists, Face Powder, Pencil, Screw Cover, Tool, Extract, etc), 67 Barclay, New York
Capital Box Factory, Sacramento, Cal.
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Forrest City Box Co., Forest City, Arkansas
Peirce W. E. & Co., Milford, N. H.
Peterson F. W. Co., 68 Thomas, New York *See adv index at end of book*
Schutz Bros., 152 Chambers, New York
Sheip H. H. Mfg. Co., 6th & Columbia av, Phila., Pa.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Stratton Mfg. Co., Stratton, Me.

1301— Boxes (Twine)

Grey Iron Casting Co. (Ball Twine), Mt. Joy, Pa.
Landers, Frary & Clark, New Britain, Conn.
Nicol & Co. ("Nicol's," Hanging, Beehive, etc), 218 N Jefferson, Chicago, Ill.
Sargent & Co., New Haven, Conn.
Williams A. C. Co., Ravenna, O.

1302—Boxes (Valve & Service)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Bourbon Copper & Brass Works (Extension, etc), Cincinnati, O.
Bowsher N. P. Co. ("Abbott" Service Stop Box), South Bend, Ind.
Builders' Iron Foundry ("Stacy" Extension Service, "Chadbourne" Service), 9 Codding, Providence, R. I.
Campbell J. B. Brass Works, Erie, Pa.
Canton Foundry & Machine Co. (Adjustable), Canton, O.
Casey-Hedges Co., Chattanooga, Tenn.
Central Foundry Co. ("Buffalo" & "Phoenix" Pattern), 90 West, New York
Clark H. W. Co., Mattoon, Ill.
Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
Columbian Iron Works, Chattanooga, Tenn.
Cutter Geo. Co. (Steel Service), South Bend, Ind.
Darling Pump & Mfg. Co. (Ltd.), (Extension Valve), Williamsport, Pa.
Drummond M. J. & Co., 51 Chambers, New York
Flower-Stephens Mfg. Co. (Valve), 107 Parkinson, Detroit, Mich.
Guilderland Foundry Co. ("G. F. Co.," Cast Iron Cut Service Boxes), Guilderland, N. Y.
Hays Mfg. Co., Erie, Pa.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill. *See adv index at end of book*
Iowa Valve Co., Oskaloosa, Ia.
Jarecki Mfg. Co. ("Jarecki," "Erie," "Expansion," etc), Erie, Pa.
Kennedy Valve Mfg. Co. (Extension Valve), Elmira, N. Y.
Loetzer Valve & Mfg. Co. ("Loetzer" Extension Street), Monroeton, Pa.
Ludlow Valve Mfg. Co. (Adjustable Valve), ft. of Adams, Troy, N. Y.
Modern Iron Works ("Buffalo" Valve, "Peerless," "Quin-See" & "Bignall" Adjustable Service), Quincy, Ill.
Mueller H. Mfg. Co., Decatur, Ill.
Multi Electrical Mfg. Co. (Weather Proof service), 703 Fulton, Chicago, Ill.
Pratt & Cady Co. ("P. & C."), Hartford, Conn.
Rensselaer Valve Co. (Valve Only), Troy, N. Y.
S. E. T. Valve & Hydrant Co., 56 Church, New York *See adv index at end of book*
South Park Fdry. & Mach. Co., St. Paul, Minn.
Taylor W. P. Co., Ellicott sq, Buffalo, N Y
Union Foundry Co., Anniston, Ala.
Wood R. D. & Co. (Adjustable), 400 Chestnut, Philadelphia, Pa.

1302a— *Boxes (Veneer)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

1303— Boxes (Vent)

Gray Iron Foundry Co. (Cast Iron 6" Square), Reading, Pa.

1304— Boxes (Wagon)

Anderson Co., 2324 University av, St. Paul, Minn.
Herschel R. Mfg. Co., Peoria, Ill.
Pekin Wagon Co., Pekin, Ill.
Peterson Bell & Co., Clinton, Ia.
Standard Mfg. Co. (For Farm Use), Council Bluffs, Ia.
Turnbull Wagon Co., Defiance, O.

1305— Boxes (Wall)

Brown A. & F. Co., 79 Barclay, New York
Clark W J. Co., Salem, O.
Cresson-Morris Co., Allegheny & 18th, Philadelphia, Pa.

ESTABLISHED 1847
E. B. ESTES & SONS
Manufacturers of DRUGGISTS' AND CHEMISTS' TURNED WOODEN BOXES
Plain and Polished Turned Wood Vials & Bottles, Powder Boxes, Plain and Silicated Wooden Ointment Jars. Screw Covered Boxes a Specialty
364 5th Ave. - - - - - - New York City

Dodge Sales & Engineering Co., Mishawaka, Ind.
Duplex Hanger Co. ("Duplex"), E 53d & Lakeside av, Cleveland, O.
Ernsdorff John Iron Co. (For Farm Use), Dubuque, Ia.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Ideal Hanger Co., Cleveland, O.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Lanz M. & Sons (Steel), 2907 Carson, Pittsburgh, Pa.
Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
Mobile Pulley & Machine Co., Mobile, Ala.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.
Webster Mfg. Co., Tiffin, O.

1306— Boxes (Waste)

See also Cans, Waste

AMERICAN CAN CO., 120 Broadway, New York *See adv index at end of book*
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Bernstein Mfg. Co., 3rd & Westmoreland, Phila., Pa.
Clark W. J. Co., Salem, O.
Cleveland Wire Spring Co., (Oily Waste, Sheet Metal), Cleveland, O.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Ely & Williams Co. (Individual), 257 B'way, New York
Koven L. O. & Bro. (Iron), 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Kraft A. C., 323 W Lake, Chicago, Ill.
National Fibre & Insulation Co., Yorklyn, Del.

1306a— *Boxes (Watch)

Estes E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*

1307— Boxes (Watchman's)

Sohm Electric Co. ("Sohm System" for Stores, Factories, etc), 141 W Austin av, Chicago, Ill.

1308—Boxes (Weigh, for Coal Tipples)

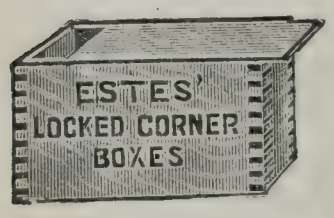
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Philadelphia, Pa. *See adv index at end of book*

1309— Boxes (Wire Bound)

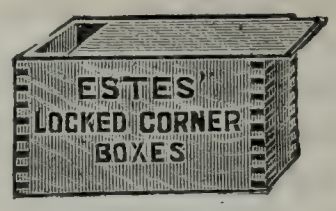
Chicago Mill & Lumber Co., 111 W Washington, Chicago, Ill.
Cincinnati Wire Bound Box Co., 213 Webster, Cincinnati, O.
Conneaut Can Co. ("Conneaut"), Conneaut, O.
Defiance Box Co., Defiance, O.
Detroit Wire Bound Box Co., 1031 18th, Detroit, Mich.
Dietz Fred Co., 1102 Madison av, Indianapolis, Ind.
Emby Box Co., Louisville, Ky.
Indianapolis Wire Bound Box Co., 10th & Canal, Indianapolis, Ind.
Plymouth Mfg. Co. ("Fassmacht" Sectional Packing), Plymouth, Ind.
Sterling Wire Box Co., 366 So Senate av, Indianapolis, Ind.

1309a— *Boxes (Wood)

Andrews O. B. Co., Chattanooga, Tenn.
Bogert & Hopper, 67 Barclay, New York
Churchill Cabinet Co., 2119 Churchill, Chicago, Ill.
Estes E. B. & Sons (Polished, Hinge Cover, Microscope Slide, Screw Cover & Nested), 364 5th av, New York *See adv index at end of book*
Standard Cabinet Mfg Co., Peru, Ind.
Stanley & Patterson, 23 Murray, New York
Union Hdwe Co., Torrington, Conn,
West F. M. Box Co., Springfield, Mass.



Established 1847 **E. B. ESTES & SONS**
Manufacturers of Lock Cornered Eastern White Pine and Basswood
PACKING AND MAILING BOXES
Also Finished Hardwood Boxes - Fine Printing a Specialty
364 5th Ave. - - New York City



1309b—*Boxes (Wooden Packing)

ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*

1310— Boxes (Zinc)

HAMMOND IRON WORKS, Warren, Pa. *See adv index at end of book*
Pacific Tank & Pipe Co., 318 Market, San Francisco, Cal.

1311—Boxes & Cans (Litho Metal)

See also Cans, Tin

AMERICAN CAN CO., 120 Broadway, New York *See adv index at end of book*
American Stopper Co., 19 Verona, Brooklyn, N. Y.
Buckeye Stamping Co., Columbus, O.
Burdick & Son, Albany, N. Y.
Burrows Metal Mfg. Co., 521 W 23rd, New York
Clark J. L. Mfg. Co., Rockford, Ill.
Clarke Can Co., 12th & Fitzwater, Phila., Pa.
Colonial Can Co., 120 Milk, Boston, Mass.
Columbia Can Co., Madison, 1st to 2nd, St. Louis, Mo.
Columbia Specialty Co., 1508 E Fayette, Baltimore, Md.
Conneaut Can Co., Conneaut, O.
Gotham Can Co., 60 Eagle, Brooklyn, N. Y.
Heekin Can Co., 6th, New & Culvert, Cincinnati, O.
Hudson H. L. Co., 56 Pearl, Brooklyn, N. Y.
Johnson-Morse Can Co., Wheeling, W. Va.
Le Comte & Co., Wolcott, Brooklyn, N. Y.
Metal Package Corp. of N. Y., 346 Carroll, Brooklyn, N. Y.
National Can Co., Detroit, Mich.
New Can Co., 326 A, Boston, Mass.
New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La.
Passaic Metal Ware Co., Passaic, N. J.
Peoria Can Co. (Combination Bread & Cake, Round Sugar Boxes, Flour, etc.), Peoria, Ill.
Republic Metalware Co., The, Buffalo, N. Y.
Republic Structural Iron Wks Co., 1350 E 53d, Cleveland, O.
Ritter P. J. Conserve Co., 2219 Frankford, Phila., Pa.
Southern Can Co. (Cans Only), 717 S Wolfe, Baltimore, Md.
St. Louis Paper Can & Tube Corp'n., St. Louis, Mo.
St. Louis Tin & Sheet Metal Working Co., St. Louis, Mo.
Stuber & Kuck Co., Peoria, Ill.
Threthaway Bros., Parsons, Pa.
Tin Decorating Co., Boston & Linwood av, Baltimore, Md.
Towle F. S. Co., 332 B'way, New York
U. S. Can Co., Norwood, Cincinnati, O.
Wheeling Can Co., Wheeling, W. Va.

1311a—Bracelet Crochet Yarn Holders (With Toggle Pendant)

The Arlington Works (E. I. du Pont De Nemours & Co.), 21 E 40th, New York

1312— Braces (Back)

Lanz M. & Sons. (For Telephone Poles), 2907 Carson, Pittsburgh, Pa.

Braces (Corner)

See Irons & Braces (Corner)

1313— Braces (Cross Arm)

See also Cross Arms, Brackets, etc., Steel

Aetna Nut Co., Southington, Conn.
Allegheny Steel Co., Oliver bldg, Pittsburgh, Pa.
Bethlehem Steel Co., So Bethlehem, Pa.
Bissell F. Co. ("Security"), Toledo, O.
Buffalo Steel Co. (Stiff Bessemer Steel), Tonawanda, N. Y.
Cleveland Galvanizing Works Co., 3924 Cooper av, N E, Cleveland, O.
Creaghead Engineering Co., 340 Main, Cincinnati, O.
Galvanized Products Co., Phillipsburg, N. J.
Grabler Mfg. Co., Cleveland, O.
Hallett Iron Works (Angle Iron), Harvey, Ill.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Inland Steel Co. (Bessemer Steel), First Nat Bank bldg, Chicago, Ill.
Joslyn Mfg. & Supply Co., Chamber of Comm. bldg, Chicago, Ill.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Kortick Falls Mfg. Co., 335 1st, San Francisco, Cal.
Lanz Matthew & Sons, 2907 Carson, Pittsburgh, Pa.
Line Material Co. (Galvanized), So Milwaukee, Wis.
Meckel Fred L., 11 E 13th, Chicago, Ill.
New England Bolt & Steel Co., Everett, Mass.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, O.
Schaper Construction Material Co., 90 West, New York
Solano Iron Works, Benicia, Cal.
Valley Forging Co., Verona, Pa.
Wrought Washer Mfg. Co., 46 So Bay, Milwaukee, Wis.

1314—Braces (Hand or Stair Rail)

Auer John, Jr. (Wrought), 199 Middletown, Brooklyn, N. Y.
Highton Wm. & Sons Co., Nashua, N. H.

1315— Braces (Partition)

Auer John, Jr. (Wrought), 199 Middleton, Brooklyn, N. Y.

1316— Braces (Rail)

See also Bars, Splice

Adreon Mfg. Co. ("Security"), Security bldg, St. Louis, Mo.
Ajax Forge Co., 2499 Blue Island av, Chicago, Ill.
American Frog & Switch Co., Hamilton, O.
American Guard Rail Fastener Co. (Pressed Steel & Malleable Iron), Real Estate Trust bldg, Phila., Pa.
Atlas Railway Supply Co., 431 S Dearborn, Chicago, Ill.
Bethlehem Steel Co. ("Acme"), So Bethlehem, Pa.
Buda Co., Railway Exch bldg, Chicago, Ill.
Cambria Steel Co., Widener bldg, Phila., Pa.
Central Frog & Switch Co., Cincinnati, O.
Cincinnati Frog & Switch Co., Cincinnati, O. *See adv index at end of book*
Cleveland Frog & Crossing Co., Cleveland, O.
Conley Frog & Switch Co., Memphis, Tenn.
Elliott Frog & Switch Co., 301 So Main, East St. Louis, Ill.
Frog Switch & Mfg. Co. (Pressed Steel), Carlisle, Pa.
Gulf States Steel Co., Birmingham, Ala.
Indianapolis Switch & Frog Co., Springfield, O.
Industrial Supply & Equipment Co. (Girder & Tee Rail), 407 Sansom, Phila., Pa.
Kilby Frog & Switch Co., Birmingham, Ala.
Morden Frog & Crossing Works (Die Formed Steel), 208 S La Salle, Chicago, Ill.
National Malleable Castings Co., 7706 Platt, S E, Cleveland, O.
New Era Mfg. Co. (Tie Plate, Rail Clamps & Rail Brace Combined), Kalamazoo, Mich.
New York Switch & Crossing Co., Hoboken, N. J.
Pettibone, Mulliken & Co. ("Akins" Forged Steel), 140 S Dearborn, Chicago, Ill.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Q. & C. Co. (Mall. Iron & Pressed Steel), 90 West, New York
Rail Joint Co., 61 B'way, New York
Ramapo Iron Works, Hillburn, N. Y.
Republic Iron & Steel Co., Youngstown, O.
Signal Accessories Co. ("Welday"), Utica, N. Y.
Steel Car Forge Co., Frick bldg, Pittsburgh, Pa.
Union Drop Forge Co., 358 W Grand av, Chicago, Ill.
UNION SWITCH & SIGNAL CO. THE, Swissvale, Pa.
Weir Frog Co., Cincinnati, O.
Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.
Wilmington Malleable Iron Works of Eastern Malleable Iron Co., Wilmington, Del.

1317— Braces (Rudder)

Malleable Iron Fittings Co. ("M. I. F. Co." Strap & Screw), Branford, Conn.
Reed Geo. A. & Son, Gloucester, Mass.
Wilcox, Crittenden & Co. (Galvanized & Brass), Middletown, Conn.

1318— Braces (Screen Door)

Automatic Door Catch Co. ("Little Giant"), Harvey, Ill.
Champion Hardware Co. ("Champion"), Geneva, Ohio
Grey Iron Casting Co., Mt. Joy, Pa.
National Mfg. Co. (Turn-Buckle), Sterling, Ill.
Snyder F. Edw. ("Anti-Sag"), Massillon, O.
Wagner Mfg. Co. ("Wagner"), Cedar Falls, Ia.
Watrous, Acme Mfg. Co., Des Moines, Ia.

1319—Braces (Show Case Corner)

Rector & Hardware Specialty Mfg. Co. (Wrought Steel, Glass, etc.) 22d & Western av, Chicago, Ill.

1320— Braces (Stove Pipe)

Benjamin-Sellar Mfg. Co. ("Benjamin"), 559 W Quincy, Chicago, Ill.

1321—Braces (Table Leg & Ladder)

Weber-Knapp Co., Jamestown, N. Y.

1322—Braces (Telegraph Pole)

American Shovel & Stamping Co., Lorain, O.
Empire Galvanizing Co. (Galvanized), 2507 E Cumberland, Phila., Pa.
Schaper Const. Material Co., 90 West, New York

1323—Braces (Trench or Sewer)

Bates Expanded Steel Truss Co., 208 S La Salle, Chicago, Ill.
Bond Harold L. Co. ("Safety"), 391 Atlantic av, Boston, Mass.
Channon Jas. H. Mfg. Co. ("Union"), 227 W Erie, Chicago, Ill.
Dixon Chas. E. & Son, 3027 Liberty av, Pittsburgh, Pa.
Dunn Mfg. Co. ("Dunn," "Alliance"), Preble av, N S, Pittsburgh, Pa.
Kalamazoo Foundry & Machine Co. (Extensible Trench), Kalamazoo, Mich.

1324— Brackets (Arc Lamp)

Cutter Geo. Co., South Bend, Ind.
Electric Railway Equipment Co., Cincinnati, O.
Fletcher Mfg. Co., Dayton, O.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hallett Iron Works ("Hallett"), Harvey, Ill.
Line Material Co., So Milwaukee, Wis.
Lundin Electric & Machine Co., 10 Thatcher, Boston, Mass.
Morris Elmer P. Iron Works, 136 Liberty, New York
Morris Iron & Steel Co., Frederick, Md.
Mott J. L. Iron Works, Trenton, N. J.
Philadelphia Electrical & Mfg. Co. ("Pemco"), 1236 N 31st, Phila., Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

1325— Brackets (Bird Cage)

Fischer Bros. & Corwin, 635 N 3rd, Newark, N. J.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book

1326—Brackets (Blind Roller)

Grey Iron Casting Co. (For Inside & Outside Blinds), Mt. Joy, Pa.

Brackets (Corner or Screen Door)

See Braces, Screen Door

Brackets, Cross-Arms, Etc.

See Brackets, Trolley Pole; also Cross-Arms, Brackets, Etc.

1327—Brackets (Curtain Pole)

American Pin Co. ("Ampinco"), Waterbury, Conn.
Bay State Stamping Co. ("Bennett" Adjustable), 380 Chandler, Worcester, Mass.
Judd H. L. Co., 87 Chambers, New York
Mott J. L. Iron Works, Trenton, N. J.
Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
Turner & Seymour Mfg. Co., Torrington, Conn.
Wire Goods Co., Worcester, Mass.

1328—Brackets (Desk Telephone)

Alliance Specialty Mfg. Co., Lakewood, O.
American Electric Co. ("Burns," "Radio," Economy," "E-Z"), 6401 S State, Chicago, Ill.
AMERICAN STEEL & WIRE CO. ("Peerless Fonarm"), 208 S La Salle, Chicago, Ill. *See adv index at end of book*
Benbow Co., 54 N 6th, Phila., Pa.
Connecticut Tel. & Electric Co., Meriden, Conn.
Cook Frank B. Co., 326 W Madison, Chicago, Ill.
Fox-Borden Mfg. Co. ("Phone-Eze"), P. O. Box 103, Station A, Hartford, Conn.
Galesburg Writing Machine Co. ("Adjustaphone"), Galesburg, Ill.
Goodline Mfg. Co., Kent, O.
Holtzer-Cabot Electric Co., 125 Amory, Boston, Mass.
Hunt C. Howard Pen Co. ("Equipoise," "Ad-a-Link"), Camden, N. J.
K. & B. Co. ("Projector" "As-you-like-it-Phonopoise"), 25 N 7th, Phila., Pa.
Lee Electric Co. ("Davis," "Calvet," Adjustable), 219 N Calvert, Baltimore, Md.
McLeon-Ward & Co. ("Ward"), 27 430 11th av, New York
Manhattan Electrical Supply Co. ("Mesco"), 17 Park pl, New York
See adv index at end of book
Modern Appliance Co., 19 S La Salle, Chicago, Ill.
Newman Mfg. Co., 717 Sycamore, Cincinnati, O. *See adv index at end of book.*
Novelty Electric Co., 50 N 4th, Phila., Pa.
Scofield & Co., 150 Nassau, New York
Skelley Bracket Co., 1265 W 2d, Cleveland, O.
Stanley & Patterson ("Victor" "Imperial"), 23 Murray, New York
Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.
See adv index at end of book
Swedish-American Telephone Mfg. Co., 5235 Ravenswood av, Chicago, Ill.
Warner Electric Co. (Oxodized Finished), Muncie, Ind.
Western Electric Co., 463 West, New York.

1329—Brackets (Electric House)

Brady Electric Mfg. Co., New Britain, Conn.
Electrical Construction Supply Co. ("Chubbuck"), Springfield, O.
Hallett Iron Works, Harvey, Ill.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Hubbard & Co. ("Peirce"), 63d & Butler, Pittsburgh, Pa.
Morris Elmer P. Iron Works, 136 Liberty, New York
Morris Iron & Steel Co., Frederick, Md.

1330—Brackets (Electric Lamp)

Herwig Art Shade & Lamp Co. (Adjustable), 2140 N Halsted, Chicago, Ill.
See adv index at end of book
McCrosky Reamer Co. ("Searchlight," "Universal"), Meadville, Pa.
Reliable Electric Co. ("Reliable Lite Arm"), 411 S Sangamon, Chicago, Ill.

1331— Brackets (Flag Pole)

Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa.
Gray Iron Foundry Co. ("Reading," also 3 & 5 Prong), Reading, Pa.
Nicol & Co. ("Columbian"), 218 N Jefferson, Chicago, Ill.
Wilcox, Crittenden & Co. (Stationery & Adjustable), Middletown, Conn.
Wrightsville Hardware Co., Wrightsville, Pa.

1332—Brackets (Flower Pot)

Grey Iron Casting Co., Mt. Joy, Pa.
Penn Hardware Co., Reading, Pa.
Timberlake J. B. & Sons (Gilt Plated Wire), Jackson, Mich.

1333—Brackets (Folding Scaffold)

Berlin Construction Co (Folding Steel Building), Berlin, Conn.
Elite Mfg. Co. ("Reliable"), Ashland, O.
Folding Scaffold Bracket Co. ("Detroit"), 60 W Lafayette av, Detroit, Mich.
Moulton C. W. H. Co., Somerville, Mass.
Richards-Wilcox Mfg. Co. ("R-W 231" Steel Builders'), Aurora, Ill.
Steel Scaffolding Co., Evansville, Ind.
Weber Mfg. Co., West Allis, Wis.

1334—Brackets (Hand & Foot Rail)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Champion Hardware Co. (Hand), Geneva, O.
Cheney S. & Son, Manlius, N. Y.
Chicago Hardware Foundry Co., No Chicago, Ill.
Columbus Brass Co., 538 Dublin av, Columbus, O. *See adv index at end of book*
Dent Hardware Co. (Bar Brackets, for Arm, Foot Rail & Swinging Foot Rail), Fullerton, Pa.
Glenn Fred E. (Counter Rail), St. Charles, Ill.
Highton Wm. & Sons Co., Nashua, N. H.
Ives H. B. Co., New Haven, Conn.
Newman Mfg. Co., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill. *See adv index at end of book*
Norwalk Lock Co., S Norwalk, Conn.
Penn Hardware Co., Reading, Pa.
Pratt Wm. E. Mfg. Co. (Hand Rail), 35 W Lake, Chicago, Ill.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Western Brass Mfg. Works, Marshall blvd & W 21st, Chicago, Ill.

1335—Brackets (Lamp, Carriage & Auto)

Halladay L. P. Co. ("Universal"), Streator, Ill.
Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill. *See adv index at end of book*

1336—Brackets (Lamp, Kitchen & Bunker)

Arcade Mfg. Co., Freeport, Ill.
Gray Iron Foundry Co. (Cast Iron, Bronze & Gold Finish), Reading, Pa.
Grey Iron Casting Co. (Cast), Mt. Joy, Pa.
Halladay L. P. Co. ("Universal") Streator, Ill.
Penn Hardware Co., Reading, Pa.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Timberlake J. B. & Sons ("Jaxon," Wire for Oil Lamps), Jackson, Mich.
Wrightsville Hardware Co. (Swinging), Wrightsville, Pa.

1336a— Brackets (Pipe)

Gross, Geo., Rockaway Beach, L. I., N. Y.

1337—Brackets (Plumbers', Lavatory, Tank, Etc.)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
American Pin Co. ("Ampinco"), Waterbury, Ct.
Barber Mfg. Co. (Cast Iron Only), Ashtabula, O.
Barnes Mfg. Co., Mansfield, O.
Brey & Krause Mfg. Co., Allentown, Pa.
Cassady, Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Chattanooga Boiler & Tank Co., Chattanooga, Tenn.
Columbus Brass Co., 538 Dublin av, Columbus, O. *See adv index at end of book*
Dunstane Brass Mfg. Co., Concord, N. H.
Glenn Fred E., St. Charles, Ill.
Griffin Mfg. Co., Erie, Pa.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Lalance & Grosjean Mfg. Co. (Plumbers'), 299 B'way, New York
McCambridge Co., 20th & Wood, Phila., Pa.
McDonald A. Y. Mfg. Co. ("Diamond"), Dubuque, Ia.
Mott J. L. Iron Works, Trenton, N. J.
Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
Newman Mfg. Co., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill. *See adv index at end of book*
Park & McKay, 55 Bagley av, Detroit, Mich.
Shevlin Engng Co., Inc., 108 W 34th, N. Y. City
Tyler Fred A. (Extension Tank Brackets), Albany, N. Y.
Wolverine Brass Works (Lavatory), Grand Rapids, Mich.

1338— Brackets (Pothead)

Bissell F. Co. ("Security"), Toledo, O.
Electrical Engineers Equipment Co., 711 Meridian, Chicago, Ill.
Phila. Electrical & Mfg. Co., 1236 N 31st, Phila., Pa.

1339— Brackets (Rafter)

Farley & Loetscher Mfg. Co. (Wood), Dubuque, Ia.
Louden Machinery Co., Fairfield, Ia.
MYERS F. E. & BRO., 800 Orange, Ashland, O. *See adv index at end of book*
Ney Mfg. Co., Canton, O.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Steel Scaffolding Co., Evansville, Ind.
Stowell Co., The, So. Milwaukee, Wis.

1340— Brackets (Roof)

EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Folding Scaffold Bracket Co., 60 W Lafayette av, Detroit, Mich.
Henderson A. P. ("Henderson" Self-Locking, Adjustable), Assinippi, Mass.
Marston Rake Co., Lebanon, N. H.
Moulton C. W. H. Co., Somerville, Mass.
Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
Stanley Rule & Level Co., New Britain, Conn.
Steel Scaffolding Co., Evansville, In.
Wagner Mfg. Co. ("Wagner"), Cedar Falls, Ia.

1341— Brackets (Shelf, Etc.)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Atlas Mfg. Co. ("Bradley's"), New Haven, Conn.
Brainerd Mfg. Co., East Rochester, N. Y.
Brass Goods Mfg. Co., 533 Union, Brooklyn, N. Y.
Cleveland Lock Wks., Cleveland, O.
Dent Hardware Co., Fullerton, Pa.
Garden City Plating & Mfg. Co., 1430 S Talman av, Chicago, Ill.
Grand Rapids Brass Co., Grand Rapids, Mich.
Grey Iron Casting Co., Mt. Joy, Pa.
Griffin Mfg. Co. (Pressed Steel Folding), Erie, Pa.
McKinney Mfg. Co. (Wrought Steel), Locust, Pittsburgh, Pa.
Peck, Stow & Wilcox Co., Southington, Conn.

BRACKETS (SHELF, ETC.)—continued

Piqua Bracket Co. ("Piqua" Adjustable), Piqua, O.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Sharon Hardware Mfg. Co., Sharon, Pa.
STANLEY WORKS (Wrought Steel; Also Folding), New Britain, Conn.
See adv index at end of book
Stover Mfg. Co., Freeport, Ill.
Western Brass Mfg. Works (Brass & Bronze), Marshall blvd & W 21st, Chicago, Ill.
Wrightsville Hardware Co., Wrightsville, Pa.

Brackets (Shingling)

See Brackets, Roof

1342— Brackets (Sink)

Advance Mfg. Co., Erie, Pa.
American Foundry & Mfg. Co. (Adjustable) 11th & Herbert, St. Louis, Mo.
American Pin Co. ("Ampinco", Brass, Lavatory, Tank, etc), Waterbury, Conn.
American Scale Co., Kansas City, Mo.
Berger Specialty Mfg. Co. ("Berger," "Peerless" Steel), Richmond, Va.
Campbell Mfg. Co. (Extension), Gadsden, Ala.
Casey-Hedges Co., Chattanooga, Tenn.
Cassady Fairbank Mfg. Co. (Bath Room), 6126 S La Salle, Chicago, Ill.
Central Foundry Co. (Sink, also Extension Sink, Adjustable), 90 West, New York
Columbia Sanitary Mfg. Co., Louisville, Ky.
Crestline Mfg. Co. (Adjustable), Crestline, O.
Eagle Specialty Mfg. Co. (Steel), Jamestown, N. Y.
Glenn Fred. E., St. Charles, Ill.
Gray Iron Foundry Co. (Cast Iron), Reading, Pa.
Griffin Mfg. Co. (Lavatory, Sink & Flush Tank, etc), Erie, Pa.
Haines, Jones & Cadbury Co. ("Hajoca"), 1136 Ridge av, Phila., Pa.
Hessler H. E. Co. ("Syracuse" Steel), Syracuse, N. Y.
Kupferle John C. Foundry Co. (Sink, Tank, etc), 1st & Wright, St. Louis, Mo.
Modern Iron Works (Cast Iron), Quincy, Ill.
Penn Hardware Co., Reading, Pa.
Smith James R. & Co. ("J. R. S." Sure Grip for Expansion & Range Tanks), Mechanicsville, N. Y.
STANLEY WORKS (Wrought Steel), New Britain, Conn.
See adv index at end of book
Swett A. L. Iron Works, Medina, N. Y.
Union Foundry Co., Anniston, Ala.
Young Joseph H. Co. ("Boston" Adjustable, Sink & Wash Tray), 82 High, Boston, Mass.

1343—Brackets (Sinks, Adjustable)

See Brackets, Sink

1344— Brackets (Staging)

Steel Scaffolding Co. (Steel), Evansville, Ind.

Brackets (Stair Rail)

See Braces, Hand & Foot Rail

1345—Brackets (Steel Scaffold)

See also Brackets, Folding Scaffold

American Steel Scaffold Co., 250 Sheridan av, Detroit, Mich.
Buxton Joseph ("Detroit"), 935 Scotten, Detroit, Mich.
Taylor Jas. L. Mfg. Co., Poughkeepsie, N. Y.

1346— Brackets (Table)

Mott J. L. Iron Works, Trenton, N. J.

1347—Brackets (Trolley Pole)

See also Cross Arms; also Insulator Pins & Brackets

American Bridge Co. (Steel), 30 Church, New York
Bissell F. Co. (Wood), Toledo, O.
Brady Electric Mfg. Co., New Britain, Conn.
Central Mfg. Co. (Wood), Chattanooga, Tenn.
Creaghead Engineering Co. (Flexible), 340 Main, Cincinnati, O.
Cutter Geo. Co., South Bend, Ind.
Diamond Steel Pole Co., Land Title bldg, Phila., Pa.
Electric Railway Equip. Co., Cincinnati, O.
Electric Service Supplies Co. ("Keystone"), 17th & Cambria, Phila., Pa.
Fletcher Mfg. Co. (Iron), Dayton, O.
Francis Philip S. (Adjustable), 115 N 6th, Phila., Pa.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hallett Iron Works ("Hallett" Universal), Harvey, Ill.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Line Material Co., So Milwaukee, Wis.
Morris Iron & Steel Co. (Wrought Iron & Steel Tubular), Frederick, Md.
St. Louis Malleable Casting Co., 7701 N Conduit av, St. Louis, Mo.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wisconsin Bridge & Iron Co., North Milwaukee, Wis.

Brackets (Wall)

See Power Transmitting Machinery

1348— Brackets (Wood)

Estes E. B. & Sons (Curtain, Scroll Work, etc.), 364 5th av, New York.
See adv index at end of book
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Gravely B. F. & R. P., Martinsville, Va.
McMillen R. Co., Oshkosh, Wis.
Morgan Co., Oshkosh, Wis
Peirce W. E. & Co., Milford, N. H.
Riggs Cypress Co., Ltd., Patterson, La.
STEARNS A. T. LUMBER CO., 100 Taylor, Neponset, Boston, Mass. *See adv index at end of book.*
Zimmerman Chas. E., 204 Burnett av, Syracuse, N. Y.

1349— Brad-Sets

Standard Tool Co., 94 Reade, New York
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

1350—Brake (Angle & Band Iron)

Excelsior Tool & Machine Co., 32d & Ridge, E St. Louis, Ill.

1350a—*Brake Band Lining

EMPIRE WEAVING & BELTING CORP., ("Tuftex"), East Rochester, N. Y.
See adv index at end of book
Standard Supply & Equipment Co., Cherry & 13th, Philadelphia, Pa.

1351—*Brake Banding for Automobiles

Bossert Corporation (The), Utica, N. Y.
See adv index at end of book
Bentley A. & Sons Co., Toledo, O.
Empire Weaving & Belting Corp. ("Tuftex"), East Rochester, N. Y.
See adv index at end of book

1352— Brake Beams

American Steel Foundries, McCormick bldg, Chicago, Ill.
Bethlehem Steel Co. (Open-Hearth Steel), South Bethlehem, Pa.
Buffalo Brake Beam Co. ("Vanderbilt"), 32 Nassau. Works: Buffalo, N. Y.
Cambria Steel Co. ("Davis"), Widener bldg, Phila., Pa.
Chicago Railway Equipment Co. ("Kewanee," "Diamond," "Creco," "Sterlingworth," "National," "Reliance," Ninety-six," "Drexel" & "Monarch"), 1928 W 46th, Chicago, Ill.
Damascus Brake Beam Co. ("Waycott," "Damascus," "Anglerod"), London rd & Nickel Plate, Cleveland, O.
Davis Brake Beam Co., Johnstown, Pa.
Federal Railway Supply Co., Knoxville, Tenn.
Illinois Steel Co., 208 S La Salle, Chicago, Ill.
Joliet Railway Supply Co. ("All Steel," "Hunton," "L. N.," High Speed), Joliet, Ill.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Standard Steel Car Co., A. V. R. R., Pittsburgh, Pa.
Western Steel Car & Foundry Co., Peoples Gas bldg, Chicago, Ill.

1353— Brake Jaws

Chicago Railway Equipment Co. ("Creco"), 1928 W 46th, Chicago, Ill.
Cleveland City Forge & Iron Co., Cleveland, O.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Spencer Otis Co., 80 E Jackson blvd, Chicago, Ill.
Steel Car Forge Co., Frick bldg, Pittsburgh, Pa. Works: Ellwood City, Pa.
Western Railway Equipment Co. ("Western"), Central National Bank bldg, St. Louis, Mo.
Western Tool & Forge Co., Brackenridge, Pa.

INFORMATION

The publishers of the Register are anxious at all times to give information pertaining to the products of their advertisers

Advertisers in the Register are invited to supply the publishers with their latest catalogues or other information likey to be of interest to buyers

1354—Brake Lining (Asbestos)

Advance Packing & Supply Co. (Brakebestos Ford Sets, etc.), 11-15 N Franklin, Chicago, Ill.
American Asbestos Co. ("Testbestos"), Norristown, Pa.
Asbestos Fibre Spinning Co. ("Fibo"), North Wales, Pa.
Asbestos & Rubber Works of America ("Ajax," "Motorbestos"), 58th & B'way, New York
Asbestos & Rubber Works of N. J. ("Longwear"), Camden, N. J.
Asbestos Textile Co., 233 B'way, New York
BETTES & EBSEN, 150 Chambers, New York. *See adv index at end of book*
Carey Phillip Mfg. Co. ("Enduro"), 330 Wayne av, Lockland, Cincinnati, O.
Cincinnati Rubber Mfg. Co. ("Arno" Band), Cincinnati, O.
Coe & Brown, New Haven, Conn.
DOMINION ASBESTOS & RUBBER CORP ("Darcoid"), ("Griptite"), 154 Nassau, New York
See adv index at end of book
Empire Weaving & Belting Corp. ("Tuftex"), East Rochester, N. Y.
See adv index at end of book
Erbestos Brake Lining Co., 242 N 17th, Phila., Pa.
Essex Rubber Co., Trenton, N. J.
General Asbestos & Rubber Co. ("Garco"), Charleston, S. C.
Horton F. L. Mfg. Co. ("Elektra"), 36 Whittier, Rox., Boston, Mass.
Johns H. W.-Manville Co. ("J-M Non-Burn"), Madison av & 41st, New York.
Keasbey & Mattison Co. ("Ambler Autobestos"), Ambler, Pa.
McIlroy Belting & Hose Co., Hammond, Ind.
Motor Car Supply Co. ("M. C. S."), 1453 Michigan av, Chicago, Ill.
Mikesell Bros. Co., 176-178 N La Salle, Chicago, Ill.
National Leather Belting Co. ("Everlast"), 342 E 38th, New York
Raybestos Co., Bridgeport, Conn.
Rossendale-Reddaway Belting & Hose Co. ("Arabian Brand" Camel Hair & Cotton), Newark, N. J.
Royal Equipment Co. ("Raybestos," "Stability"), Bridgeport, Conn.
Russell Mfg. Co. ("Rusco"), Middletown, Conn.
Scandinavia Belting Co., 106 Reade, New York
Standard Woven Fabric Co. ("Multibestos"), Walpole, Mass.
Staybestos Mfg. Co. ("S. M. C."), Germantown, Phila., Pa.
Thermoid Rubber Co. ("Thermoid," "Merit"), Trenton, N. J.
United & Globe Rubber Mfg. Co. ("Globe"), Trenton, N. J.
Woven Steel Hose & Rubber Co. ("Blueedge"), Trenton, N. J.

1354a— Brake Lining Filler

Commercial Chemical Co., 212 Essex, Boston, Mass.

1355—Brake Shoe Wheel Truing

Wheel Truing Brake Shoe Co., The Lenox, Detroit, Mich.

1356— Brake Shoes

American Abrasive Metals Co. ("Feralun"), 50 Church, New York
American Brake Shoe & Foundry Co. (For Steam & Electric Railways, Locomotive Driving, Steel Back, etc.), 30 Church, New York.
American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Baltimore Car-Wheel Co., Fulton Station, Baltimore, Md.
Barbour Stockwell Co. (Electric Railway), Cambridge, Mass.
Barnum-Richardson Co., Lime Rock, Conn.
Brill J. G. Co., 62d & Woodland av, Phila., Pa.
Cherry Tree Machine Co., Cherry Tree, Pa.
Chester Steel Castings Co., Chester, Pa.
Dyer G. H. Co., Cambridge, Mass.
Enterprise Foundry Co., 2902 19th, San Francisco, Cal.
Foote Mark A (Railroad Flange Oiling), Federal bldg, Chicago, Ill.
Fulton Foundry Co., 1209 Marquette av, N E, Cleveland, O.
Janney & Co., Montgomery, Ala.
Lancaster Iron Works ("Lancaster" Safety), Lancaster, Pa.
Los Angeles Fdry Co., Los Angeles, Cal.
McCord & Co., 122 S Michigan av, Chicago, Ill.
McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg, Chicago, Ill.
Mowry Car Wheel Works Co., Cincinnati, O.
Murray Iron Works Co., Burlington, Ia.
Spencer Otis Co., 80 E Jackson blvd, Chicago, Ill.
Parker & Topping Co. ("The Diamond S"), Brainerd, Minn.
Pittsburgh Brake Shoe Co., Farmers B'k bldg., Pittsburg, Pa.
Pittsburgh Iron & Steel Foundries Co., Midland, Pa.
Railway Materials Co. (Steel Back), Railway Exchange bldg., Chicago, Ill.
Ramapo Iron Works, Hillburn, N. Y.
Reliance Steel Casting Co., 28th & Smallman, Pittsburgh, Pa.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Spear & Miller Co. ("Ideal"), 80 E Jackson blvd, Chicago, Ill.
Swett A. L. Iron Works, Medina, N. Y.
Taylor Electric Truck Co. ("Taylor"), Troy, N. Y.
Waterbury Foundry Co., Waterbury, Conn.
Western Steel Car & Foundry Co. (Grey Iron), Peoples Gas bldg, Chicago, Ill.
Wheel Truing Brake Shoe Co. (Wheel Grinders), The Lenox, Detroit, Mich.

1357—Brake Shoes (Automobile)

American Vulcanized Fibre Co. (Fibre), 504 Equitable bldg., Wilmington, Del.
DELAWARE HARD FIBRE CO. (Fibre), Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*
Diamond State Fibre Co. (Fibre), Elsmere, Del.
Hill-Smith Metal Goods Co., 88 Pearl, Boston, Mass.
National Fibre & Insulation Co., Yorklyn, Del.

1358— Brakes (Air)

ALLIS-CHALMERS MFG. CO. (Electric), Milwaukee, Wis.
See adv index at end of book
GENERAL ELECTRIC CO. (Electric) Schenectady, N. Y.
See adv index at end of book
National Brake & Electric Co. (Electric), ft Belleview pl, Milwaukee, Wis.
New York Air Brake Co., 165 B'way, New York
WESTINGHOUSE AIR BRAKE CO., Pittsburgh, Pa.

1359—*Brakes (Air, Electric Car)

WESTINGHOUSE TRACTION BRAKE CO., Pittsburgh, Pa.

1360—*Brakes (Air, Electric Locomotive)

WESTINGHOUSE TRACTION BRAKE CO., Pittsburgh, Pa.

1361— Brakes (Automobile)

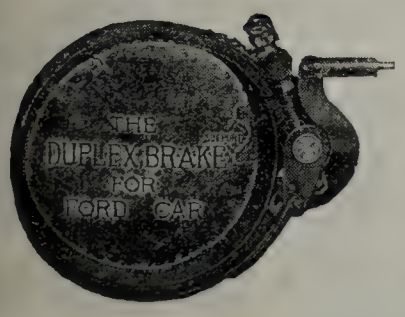
Bossert Corporation, The, Utica, N. Y.
See adv index at end of book
Clark Edward S., Boston, Mass.
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Hartford Edward V. (Electric), 141 Morgan, Jersey City, N. J.
Kaybestos Co. ("Duplex"), Bridgeport, Conn.
National Brake & Clutch Co., 164 Federal, Boston, Mass.
Raybestos Co. ("Duplex"), Bridgeport, Conn.

Hendricks' Commercial Register

is not a Catalog of Advertisers alone, but a Complete Register of the manufacturers and jobbers in every line of trade that comes within the scope of the work.

BETTES & EBSEN

150 CHAMBERS ST. NEW YORK CITY



RAYBESTOS

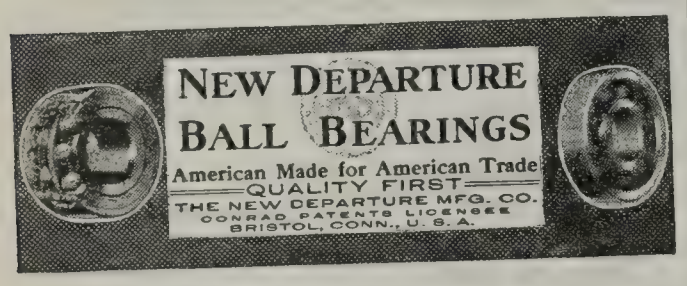
Brake Lining — Clutch Facings and Linings
Automobile Wire — Sheet Fibre and Packing
Hardware and Tools

Brakes (Car)

See Brakes, Electric Car

1362— Brakes (Coaster)

Aurora Automatic Machinery Co. ("Thor"), 1307 So Michigan av, Chicago, Ill.
Buffalo Metal Goods Co. ("Atherton"), 196 Winchester av, Buffalo, N. Y.
Corbin Screw Corporation "(Corbin Duplex"), New Britain, Conn.
Eclipse Machine Co. ("Morrow," "Eclipse" Bicycle), 18th, Elmira, N. Y.
Hurck Indian Motor Co., 109 N 12th, St. Louis, Mo.
Miami Cycle & Mfg. Co. ("Musselman" Automatic for Bicycles & Motor Cycles), Middletown, O.
New Departure Mfg. Co. ("New Departure"), Bristol, Conn.
See adv index at end of book



1363— Brakes (Disc)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book

1364— Brakes (Electric Car)

Ackley Brake & Supply Corp., 50 Church, New York
Allis-Chalmers Mfg. Co. ("Christensen"), Milwaukee, Wis.
See adv index at end of book
Brill, J. G. Co., 62d & Woodland av, Phila., Pa.
Columbia Machine Works & Malleable Iron Co. ("Columbia"), Atlantic av & Chestnut, Brooklyn, New York.
Horne Mfg. Co., 50 Court, Bklyn, N. Y.
Long E. G. Co., 50 Church, New York.
McGuire-Cummings Mfg. Co. ("Elastic"), Harris Trust & Savings bldg, Chicago, Ill.
National Brake Co. ("Peacock," "Ackley," Adjustable), Ellicott sq, Buffalo, N. Y.
National Brake & Electric Co. ("National" Air), ft Belleview pl, Milwaukee, Wis.
National Car Coupler Co. ("Hinson"), Attica, Ind.
New York Air Brake Co., 165 B'way, New York
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Taylor Electric Truck Co., Troy, N. Y.
WESTINGHOUSE TRACTION BRAKE CO., Pittsburgh, Pa.

1365—*Brakes (Electric Crane)

See also Brakes, Electric Motor

Cameron Engng. Co., E. Stroudsburg, Pa.
See adv index at end of book
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

1366—*Brakes (Electric Magnetic)

ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*

1367—*Brakes (Electric Motor)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

1368—*Brakes (Electro Pneumatic)

WESTINGHOUSE TRACTION BRAKE CO., Pittsburgh, Pa.

Brakes (Flax)

See Tow Mill Machinery

1369— Brakes (Locomotive)

American Brake Co., 1932 N B'way, St. Louis, Mo.
New York Air Brake Co. (Also Tender, Driver, Freight & Passenger Car), 165 B'way, New York
WESTINGHOUSE AIR BRAKE CO. (Also for Pasenger & Freight Cars), Pittsburgh, Pa.

1370—*Brakes (Magnetic Friction)

Cutler-Hammer Mfg. Co., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*

Brakes (Motor Cycle)

See Brakes, Coaster

1371— Brakes (Rail)

Miller Supply Co. (Friction for Dropping Railroad Cars Under Coal Chutes, etc), Huntington, W. Va.

1372— *Brakes (Solenoid)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book

1373— Brakes (Vacuum)

New York Air Brake Co. (& Vacuum Automatic), 165 B'way, New York

1374— Brakes (Wagon)

Akron-Selle Co., Akron, O.
Eberhard Mfg. Co., Cleveland, O.
Ferrell Brake & Mfg. Co., Cassius av, S E, Cleveland, O.
Newton W. H. & Son, Cortland, N. Y.

1375— *Brass Altar Rails

See also Bronze, Architectural

Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
COLUMBUS BRASS Co., 538 Dublin av, Columbus, O. *See adv index at end of book*
Feeley W. J. Co., 169 E Angell, Providence, R. I.
NEWMAN MFG. CO., 717 Sycamore, Cincinnati, O., 68 W. Washington, Chicago, Ill. *See adv index at end of book*
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
TYLER W. S. CO., Cleveland, O.
See adv index at end of book

1375a—*Brass (Block Cutters)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

1376— *Brass (Embossed)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Haugh W. S., Jr., Co. 61 Peck, Providence, R. I.
Scovil Mfg. Co., Waterbury, Conn.
See adv index at end of book

1377— *Brass (Engravers')

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Scovil Mfg. Co., Waterbury, Conn.
See adv index at end of book

1378—*Brass Fireplace Goods

See also Fireplace Furnishings

SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book

Brass Founders

See Firms in Machinists & Founders Marked Thus: §. Also a Selected List under Castings, Brass

Brass Founders' Supplies

See Foundry Facings & Supplies

1378a— *Brass Forgings

AM. BRASS PRODUCTS CO., Pottstown, Pa.

1379— *Brass (Glass Binding)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

1380— *Brass (Sign)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Scovil Mfg. Co., Waterbury, Conn.
See adv index at end of book

1381— *Brass (Spinning)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Scovil Mfg. Co., Waterbury, Conn.
See adv index at end of book

1382— Brass (White)

Bridgeport Deox Bronze & Metal Co., Bridgeport, Conn.
Cramp Wm. & Sons Ship & Engine Bldg. Co. ("Parsons"), Beach & Fall, Phila., Pa.
New Era Mfg. Co., Kalamazoo, Mich.

1383—Brass & Bronze (Hoop)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

1384—*Brass & Bronze (Spring)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Scovil Mfg. Co., Waterbury, Conn.
See adv index at end of book

1385—Brass & Bronze (Strip)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Scovil Mfg. Co., Waterbury, Conn.
See adv index at end of book

1386—Brass & Copper Angles, Channels, Etc.

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Bridgeport Brass Co., Bridgeport, Conn.
Columbus Brass Co., 538 Dublin av, Columbus, O. *See adv index at end of book*
Conklin T. E. & Co., 61 Duane, New York
DAHLSTROM METALLIC DOOR CO., 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York.
Kawneer Mfg. Co., Niles, Mich.
Manhattan Brass Co. (Brass & Bronze), 332 E 28th, New York
Michigan Copper & Brass Co., Detroit, Mich.
Phila Metal Prods. Co. (Jobbers), Broad & Cherry, Philadelphia, Pa.
Rome Brass & Copper Co. (Brass & Copper), Rome, N. Y.

1386a—Brass Work (Structural)

Columbus Brass Co., 838 Dublin av, Columbus, O.
McKenna Brass & Mfg. Co., 1st av, & Ross, Pittsburgh, Pa.

1387—Brasses (Car & Engine)

Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.
Brady Brass Co., 170 14th, Jersey City, N. J.
Chattanooga Car & Foundry Co., Chattanooga, Tenn.
Chicago Journal Bearing Co. (High Grade), 519 W Vanburen, Chicago, Ill.
Continental Car Co., Louisville, Ky.
DAMASCUS BRONZE CO. ("Damascus" Rolling Mill, Railroads & Electric Railways, etc), Pittsburgh, Pa.
See adv index at end of book
Duluth Brass Works Co., Duluth, Minn.
Edna Brass Mfg. Co. (For Steam or Electric), Cincinnati, O.

Eureka Brass Co. (Lagging Car), 601 Red Bud av, St. Louis, Mo.
Gilb V. & Son, Birmingham, Ala.
Gilbert A. & Sons Brass Foundry Co., 4019 Forest Park bl, St. Louis, Mo.
Great Lakes Brass Foundry, Bay City, Mich.
Gustafson Mfg. Co., Chattanooga, Tenn.
Hodgkins J. F. Co., Gardiner, Me.
Keystone Bronze Co. (High Grade), Pittsburgh, Pa.
Magnus Co., 80 E Jackson blvd, Chicago, Ill.
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

Brazing Apparatus

See Blow Pipes & Brazing Apparatus

1388— Brazing (Cast Iron)

American Ferrofix Brazing Co., Perry bldg, Phila., Pa.
Boston Brazing Co., 465 Atlantic av, Boston, Mass.
Chattanooga Brazing & Welding Co., Chattanooga, Tenn.
Clark Edred W., Hartford, Conn.
Ferrofix Brazing & Machine Works, Seattle, Wash.
Metals Welding Plant (Steel Products Co.), 4400 Perkins av, Cleveland, O.
National Cycle & Mfg. Co., Bay City, Mich.
Pacific Welding & Brazing Co., 503 Van Ness av, San Francisco, Cal.
Pittsburgh Reinforced Brazing & Machine Co., 2515 Liberty, Pittsburgh, Pa.
San Francisco Brazing & Welding Wks, 131 Beale, San Francisco, Cal.
Standard Brazing Co., 43 Bromfield, Boston, Mass.
Troy Cast Iron Brazing Co., Troy, N. Y.

1389—Breakers (Casting or Scrap)

Curtis & Co. Mfg. Co. (Compressed Air), 1571 Kienlen av, St. Louis, Mo.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.

1390— Breakers (Circuit)

Automatic Re-Closing Circuit Breaker Co., 38 N Water, Columbus, O.
Badt-Westburg Electric Co., 53 W Jackson blvd, Chicago, Ill.
Baruch Elec. Controller Co., 111 Kearny, San Francisco, Cal.
Bowie Switch Co., Nevada Bank bldg., San Francisco, Cal.
Buffalo Copper & Brass Rolling Mills, 446 Military Rd, Buffalo, N. Y.
Condit Electrical Mfg. Co. ("Condit" Carbon Break & Oil Break), 1st & L, Boston, Mass.
Cutter Electrical & Mfg. Co. ("Dalite," "I. T. E."), 19th & Hamilton, Phila., Pa.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hartman Electrical Mfg. Co. (Automatic), Mansfield, O.
Janette Mfg. Co., 617 W Jackson blvd, Chicago, Ill.
Kelman Elecric & Mfg. Co., Los Angeles, Cal.
Monarch Valve Co. ("Monarch"), 112 Front, Brooklyn, N. Y.
Pacific Electric Mfg. Co., 827 Folsom, San Francisco, Cal.
Palmer Electric & Mfg. Co. (Automatic Reverse Phase), 60 K, Boston, Mass.
Pittsburgh Armature Works, 207 S Main, Pittsburgh, Pa.
Roller-Smith Co., 233 Broadway, New York
Sangamo Electric Co., Springfield, Ill.
Sundh Electric Co. ("Sundh"), Av C & Parkhwist, Newark, N. J.
Ward Leonard Elec. Co., Mount Vernon, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO. (Alternating & Direct Current), East Pittsburgh, Pa.
See adv index at end of book

1391— Breakers (Ice)

Allman Gas Engine & Machine Co. ("Champion" Power), 461 Canal, New York
Blakeslee G. S. & Co. ("Little Giant," "Rheinhold" Choppers, Power), 2856 Quinn, Chicago, Ill.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Columbus Handle & Tool Co., Columbus, Ind.
Dilg Mfg. & Trading Co. ("Champion"), 401 E 163d, New York
Gifford-Wood Co., Hudson, N. Y.
Gruman Ice Tool Works, Branchville, Conn.
Harrison Safety Boiler Works ("Creasey" Power), 3147 N 17th, Phila, Pa.
LINK-BELT CO. (Power), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
NICHOLS BROS. ("Nichols Bros"), (Hand), Greenfield, Mass.
North Bros. Mfg. Co. ("New Rapid"), Lehigh av & American, Phila., Pa.
Schmidt B. L. Co. ("Little Giant" Hand & Power), Davenport, Ia.
Schwenker W. M., 342 E 92d, New York
Stortz John & Son (Hand), 210 Vine, Phila., Pa.
White Enamel Refrigerator Co. ("The Bohn" Ice Cracker), St. Paul, Minn.

1392—*Breakers (Magnetic Re-Set Circuit)

ELECTRIC CONTROLLER & MFG. CO., Cleveland, O.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

1393— Breakers (Pig Iron)

Brown Hoisting Machinery Co., 4403 St. Clair, N. E, Cleveland, O.

1394— Breakers (Staybolt)

See also Pneumatic Staybolt Breakers
Williams, White Co. ("Lowe," for Boiler Shops), Moline, Ill.

Breakers (Stone)

See Crushers, Rock & Ore

1395— Breakers (Tailing)

Atlanta Utility Works, East Point, Ga.

1396— Breakers (Vacuum)

Schutte & Koerting Co., 1251 N 12th, Phila., Pa.

1397-8—*Breakers & Cleaners (Coal)

Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

1399—Brewers' Aluminum Supplies

Aluminum Goods Mfg. Co., Manitowoc, Wis.

1400-1—Brick (Acid Proof)

See also Stoneware, Chemical
Big Savage Fire Brick Co., Frostburg, Md.
Denny-Renton Clay & Coal Co. (For Chemical Works), Seattle, Wash.
Didier-March Co. (For Chemical Works), Perth Amboy, N. J.
Harbison-Walker Refractories Co., Farmers' Bank bldg, Pittsburgh, Pa.
Hocking Valley Fire Clay Co., Nelsonville, Ohio
Hood B. Mifflin, Atlanta, Ga.
Laclede-Christy Clay Products Co., Manchester & Sulphur avs, St. Louis, Mo.
Milton Brick Co., Milton, Pa.
Ostrander Fire Brick Co., Troy, N. Y.

1402—*Brick (Annealing Furnace)

Thomas Moulding Brick Co., 1203 Chamber of Commerce, Chicago, Ill.
See adv index at end of book

Brick (Ashlar)

See Architectural Faience

1403-4— Brick (Bauxite)

Laclede-Christy Clay Products Co., Manchester & Sulphur avs, St. Louis, Mo.

1405— Brick (Blast Furnace)

Alberene Stone Co. (Soapstone), 223 E 23d, New York
Ashland Fire Brick Co., Ashland, Ky.
Bickford Fire Brick Co., Curwensville, Pa.
Big Savage Fire Brick Co., Frostburg, Md.
Evens & Howard Fire Brick Co., 920 Market, St. Louis, Mo.
Garfield Fire Clay Co., Robinson, Pa.
Golden Fire Brick Co., Denver, Col.
Hall & Sons, Buffalo, N. Y.
Harbison-Walker Refractories Co., Farmers' Bank bldg, Pittsburgh, Pa.
Hausfeld Co., Harrison, O.
Haws A. J. & Sons (Ltd.), Johnstown, Pa.
Niles Fire Brick Co., Niles, O.
Pennsylvania Fire-Brick Co., Beech Creek, Pa.
Portsmouth Refractories Co., Portsmouth, O.
Rust Engineering Co., Farmers Bk. bldg, Pittsburgh, Pa.
Standard Fire Brick Co., Pueblo, Col.
Stowe-Fuller Co., Rockefeller bldg, Cleveland, O.
United Fire Brick Co., Uniontown, Pa.
Walsh Fire Clay Products Co., 4070 No Main, St. Louis, Mo.

1406—Brick (Boiler Arch & Setting)

American Arch Co. (Locomotive Brick Arches), 30 Church, New York
American Fire Brick Co., Spokane, Wash.
Ashland Fire Brick Co., Ashland, Ky.
Brighton Fire Brick Co., New Brighton, Pa.
Carr Elmer E., 231 Insurance Exchange, Chicago, Ill.
Detrick M. H. Co., 549 W Washington, Chicago, Ill.
Evens & Howard Fire Brick Co., 920 Market, St. Louis, Mo.
Garfield Fire Clay Co., Robinson, Pa.
Golden Fire Brick Co., Denver, Colo.
Hall & Sons, Buffalo, N. Y.
Harbison-Walker Refractories Co. (For all Makes of Boilers), Farmers' Bank bldg, Pittsburgh, Pa.
Kier Fire Brick Co., Oliver bldg, Pittsburgh, Pa. *See adv index at end of book*
Lamprey Co., 283 Elm, Westfield, Mass.
McLeod & Henry Co. (Fire Brick, "Steel Mixture"), 360 1st, Troy, N. Y.
Maurer Henry & Son, 420 E 23d, New York
Monarch Boiler Arch Co., 629-630 Wells bldg, Milwaukee, Wis.
Niles Fire Brick Co., Niles, O.
Presbrey Stove Lining Co., Taunton, Mass.
Rust Engineering Co., Farmers Bk. bldg, Pittsburgh, Pa.
Sayre & Fisher Co., 261 B'way, New York
Thomas Moulding Brick Co., 1203 Chamber of Commerce, Chicago, Ill.
See adv index at end of book

1407-8-9—*Brick (Brick Kiln)

Thomas Moulding Brick Co., 1203 Chamber of Commerce, Chicago, Ill.
See adv index at end of book

1410— Brick (Cement)

Botfield Specialties Mfg. Co. (Fire Brick), 624 S Front, Phila., Pa.
Harper Brick Co., Harrison, N. J.
White Marble Lime Co., Manistique, Mich.

1411-12—Brick (Cement Kiln)

American Fire Brick Co., Spokane, Wash.
Ashland Fire Brick Co., Ashland, Ky.
Bickford Fire Brick Co., Curwensville, Pa.
Brighton Fire Brick Co., New Brighton, Pa.
Harbison-Walker Refractories Co., Farmers' Bank bldg, Pittsburgh, Pa.
Kier Fire Brick Co., Oliver bldg, Pittsburgh, Pa. *See adv index at end of book*
Maurer Henry & Son, 420 E 23d, New York
Portsmouth Refractories Co., Portsmouth, O.
Thomas Moulding Brick Co., 1203 Chamber of Commerce, Chicago, Ill.
See adv index at end of book
Walsh Fire Clay Products Co., 4070 No Main, St. Louis, Mo.

1413— Brick (Chrome)

American Refractories Co., 208 So La Salle, Chicago, Ill.
Federal Refractories Co., Cleveland, O.
General Refractories Co., 111 B'way, New York
Harbison-Walker Refractories Co., Farmers' Bank bldg, Pittsburgh, Pa.
Haws A. J. & Sons (Ltd.), Johnstown, Pa.
Mt. Union Refractories Co., Mt. Union, Pa.
Stowe-Fuller Co., Rockefeller bldg., Cleveland, O.

1414-5—Brick (Coke Oven)

American Fire Brick Co., Spokane, Wash.
American Refractories Co., 208 So La Salle, Chicago, Ill.
Ashland Fire Brick Co., Ashland, Ky.
Brighton Fire Brick Co., New Brighton, Pa.
Evens & Howard Fire Brick Co., 920 Market, St. Louis, Mo.
Garfield Fire Clay Co., Robinson, Pa.
Harbison-Walker Refractories Co. (Beehive, Long or Belgian Type, etc), Farmers' Bank bldg, Pittsburgh, Pa.
Kier Fire Brick Co., Oliver bldg, Pittsburgh, Pa. *See adv index at end of book*
Niles Fire Brick Co., Niles, O.
Pennsylvania Fire-Brick Co., Beech Creek, Pa.
Portsmouth Refractories Co., Portsmouth, O.
Standard Refractories Co., Claysburg, Pa.

1416-9—Brick (Common)

See also Brick, Enameled; Brick, Fire; Brick, Front; Brick, Vitrified Paving; Blocks, Hollow Building; Conduits; Fireproof Hollow Brick & Tile; Plumbers' Sanitary Earthenware; Roofing Tile, Terra Cotta; Sewer Pipe Manufacturers; Terra Cotta, Architectural; Tile, Art, etc.

ALABAMA.

BIRMINGHAM—Graves Shale Paving Brick Co.
Sibley Brick Co.
BREWTON—Strong Veneer Co.
BRICKYARD—Bickerstaff Brick Co.
CAMP HILL—Conine W. M.
CULLMAN—Schmitt Max
ELBA—Perdue W. B.
GREENVILLE—Terrell W. C.
HOLLYWOOD—Alabama Brick & Tile Co.
HUNTSVILLE—Brandon D. S.
Huntsville Brick Co.
LOVICK—Stephenson L. L.
MOBILE—Cary John & Co.
MONTGOMERY—Excelsior Brick Co.
Jenkins Brick Co.
SELMA—Selma Brick & Tile Co.
SYLACAUGA — Alabama High Grade Brick Co.
WETUMPKA—Jenkins Brick Co.

ARIZONA.

PHOENIX—Alhambra Brick & Tile Co.
Gordon & Smithline
PRESCOTT—Fitzsimmons Thos.
TUCSON—Tucson Pressed Brick Co.

ARKANSAS.

BEEBE—Beebe Brick Mfg. Co.
FORT SMITH—Burke Brick & Tile Co.
Carbaugh Brick & Tile Works
HOPE—Hope Brick Works
LITTLE ROCK—Arkansas Brick & Mfg. Co.
MARIANNA—Sutton O. C. & Co.
PARAGOULD—Paragould Brick Co.
PIGGOTT—Freu Brick Co.
PINE BLUFF—Pine Bluff Brick Co.
RECTOR—Rector Brick Co.
TEXARKANA—Stevens A. W.
Texarkana Brick Co.

CALIFORNIA.

ALAMEDA—Clark N. & Sons
ARCATA—Tracy P. M.
BAKERSFIELD——Bakersfield Sandstone Brick Co.
EXETER—S. P. Brick Co.
FORTUNA—Thompson J. & Sons
FRESNO—Craycroft-Herrold Brick Co.
Fresno Brick & Tile Co.
HANFORD—Brown J. F.
HERMOSA BEACH—Furlow Pressed Brick Co.
IONE—Ione Firebrick Co.
LONG BEACH—Long Beach Brick Co.
LOS ANGELES—California Ornamental Brick Co.
Furlow Pressed Brick Co., 3001 San Pedro
K. & K. Brick Co.
Los Angeles Brick Co.
Los Angeles Pressed Brick Co.
Simons Brick Co.
Standard Brick Co.
MERCED—Merced Lumber Co.
PASADENA—Simons Brick Co.
PORT COSTA—Port Costa Brick Works
REDLANDS—Taylor Bros. Brick Co.
SAN DIEGO—Hieatt F. L. Brick & Tile Co.
Hubbard Robert M.
Union Brick Co.
SAN FRANCISCO—Atlas Paving Brick Co., Hollister & Griffith
Bay City Brick Co.
California Brick Co., 110 Jessie
Carquinez Brick & Tile Co., 461 Market
Clark N. & Sons, 116 Natoma
Great Western Brick Co.
Ione Firebrick Co., Monadnock bldg, San Francisco, Cal.
Patent Brick Co., Merchant Exch bldg
Port Costa Brick Works, 618 Mission
Pure Clay Brick & Tile Co., 103 Main
United Materials Co., 618 Mission
SAN JOSE—San Jose Brick Co.
SANTA ANA—Sackman J. W.
STOCKTON—San Joaquin Brick Co.
Stockton Fire & Enamel Brick Co.

COLORADO.

CANON CITY—Diamond Fire Brick Co.
COLORADO SPRINGS—Brewer Ben. Brick Co.
Schlesinger Bros.
DENVER—Denver Sewer Pipe & Clay Co.
Denver Shale Brick Co.
Excelsior Brick Co.
Golden Fire Brick Co.
Robinson Brick Co.
LA JUNTA—La Junta Brick & Tile Co.
PUEBLO—Standard Fire Brick Co.

CONNECTICUT.

BERLIN—American Brick Co.
Connley, J. H.
Donnelly Brick Co.
Merwin C. P. Brick Co.
Murray Richard Brick Co.
EAST WINDSOR HILL—East Windsor Hill Brick Works
HAMDEN—Shares F. I.
HARTFORD—Kane Michael Brick Co.
Mills Eugene D.
MIDDLETOWN—McDonnell Brick Co.
Tuttle Brick Co.
MONTOWESE—Montowese Brick Co.
O'Neil H. C.
NEW BRITAIN—Holmes Jno. W.
Towers Joseph
NEW HAVEN—Davis Wm. E. & Co.
Montowese Brick Co.
Stiles I. L. & Son Brick Co.
THOMPSONVILLE—Brower & Best
TORRINGTON—Hotchkiss Bros. Co.
WILSON—Baker Fred
Wilson Brick Co.

DELAWARE.

DELMAR—Salisbury Brick Co.
HOUSTON STATION—Armour C. P. & Co.
WILMINGTON—Allen Alvan Brick Co.
Delaware Terra Cotta Co., 819 Shipley
Oberly James B., Delaware Trust bldg
Wilmington Brick Co.

DISTRICT OF COLUMBIA.

WASHINGTON—Martin & Bro., 1504 S Capitol
New Washington Brick Co., Wilkins bldg
Virginia Brick Co., Colorado bldg
Washington Brick & Terra Cotta Co., 911 H, N W
West Bros. Brick Co., Nat Savings & Trust bldg

FLORIDA.

CALLAHAN—Mickler O. O. Brick Co.
CAMPVILLE—Campville Brick Co.
GREEN COVE SPRINGS—Clay County Steam Brick Works
JACKSONVILLE—Gamble & Stockton Co.
Jacksonville Brick Co.
LAKE HELEN—Bond Sandstone Brick Co.
TALLAHASSEE—Ocklocknee Brick Co.
Tallahassee Pressed Brick Co.

GEORGIA.

ADAIRSVILLE—Georgia Brick Co.
ALBANY—Flint River Brick Co.
ATHENS—Southern Brick Co.
ATLANTA—Bartow Brick Co.
Chattahoochee Brick Co.
AUGUSTA—Dunbar B. S.
Electric City Brick Co.
Georgia-Carolina Brick Co.
Georgia Vitrifield Brick & Clay Co.
McCoy Brick & Tile Co.
McKenzie Brick Co.
Merry Bros.
Rockmart Brick & Slate Co.
Rutherford & Co.
Standard Brick Co.
CALHOUN—Legg Brick Co.
CHATSWORTH—Chatsworth Brick Co.
COLUMBUS—Berry Geo. O.
Howard Homer M.
Shepherd Bros.
Small R. B. Co.
ELBERTON—Elberton Brick Co.
GAINESVILLE—Hudson M D Jr & Co.
Pfeffer Mrs. P.
Wheeler G. R.
GRIFFIN—Griffin Press Brick Co.
HAWKINSVILLE—Snowden T. H.
HAZELHURST—Hall J. F.
JAKIN—Jakin Brick Co.
MACON—Bibb Brick Co.
Cherokee Brick Co.
Macon Brick Co.
Standard Brick Co.
Stevens H. Sons Co.
MILLEDGEVILLE—Milledgeville Brick Works
Oconee Brick & Tile Co.
POOLER—Georgia Red Brick Co.
ROCKY FORD—Ogeechee River Brick Co.
ROME—Rome Brick Co.
Trammell & Son
THOMASVILLE—Arnold Adam
TIFTON—Tift Silica Brick & Stone Co.
TRIMBLE—Trimble Brick Co.
UNION POINT—Ogeechee Brick Co.
WASHINGTON—Washington Brick Co.

ILLINOIS.

ABINGDON—Abingdon Paving Brick & Tile Co.
ALBION—Albion Shale Brick Co.
Albion Vitrified Brick Co.
ALTON—Alton Brick Co.
ARMSTRONG—Hamer J. W. (Tile Only)
ASHKUM—Comstock C. H. Co. (Tile Only)
ASSUMPTION—Consolidated Electric & Mfg. Co.
AUBURN—Auburn Brick Tile & Cement Co.
AURORA—Solfisburg C. Sons
AVON—Avon Milling & Mfg. Co.
BARTELSO—Sundrup Aug.
BASCO—Fisher W. O.
BEAVERVILLE—Beaverville Brick & Tile Co.
BELLEVILLE—Belleville Brick & Tile Co.
BENSON—Peterson Simon
BLANDINSVILLE—Hainline Bros.
BLOOMINGTON — Bloomington Pressed Brick Co.
CAMBRIDGE—Hull Jno. L.
CAMPUS—Mamer Bros.
CANTON—Heckard M. & Sons
Roller Geo. B.
CAPRON—Munson Bros. Co.
CARBON CLIFF—Argillo Works (See Rock Island)
CARLINVILLE—Moody John & Son
CARTERVILLE—Carterville Brick & Tile Co.
CHAMPAIGN—Sheldon Brick & Building Supply Co.
Stipes Jno. W.
CHATSWORTH—Walter Geo. J.
CHICAGO—Acme Brick Co., 2320 S Crawford av
Bach Brick Co., 2647 Montrose av
Bonner & Marshall Brick Co., 133 W Wash.

Builders Brick Co., 118 N La Salle
Calumet Brick Co., 111 W Wash.
Carey Brick Co., 133 W Washington
Chicago Brick Co., 38 S Dearborn
Chicago Hydraulic Press Brick Co. 133 W Washington
Dee Wm. E. Co., 30 N La Salle
Hanreddy Jos. Brick Co., 127 N Dearborn
Illinois Brick Co., 111 W Washington
Kimbell S. S. Brick Co., 133 W Washington
Lake View Brick Co., 2756 Irving Park
Lutter Brick Co., 1503 Wellington av
National Brick Co., 118 N La Salle
Thomas Moulding Brick Co., 1203 Chamber of Commerce
See adv index at end of book
Sexton John M. L., 1459 Michigan av
COAL CITY—Haeger Brick & Tile Co.
COLCHESTER—King Bros.
CULLUM—Ortman F. A.
DALLAS CITY—Muenzenmaier & Smith
DANVILLE—Danville Brick Co.
Western Brick Co.
DECATUR—Ammann & Co.
Decatur Brick Mfg. Co.
EARLVILLE—Earlville Brick & Tile Mfg. Co.
EAST PEORIA—Carter F. R.
EDWARDSVILLE—Richards Brick Co.
ELDORADO—Eldorado Brick Co.
EQUALITY—McIntyre Wm. & Son
FARMER CITY—Arbogast S. G.
FREEPORT—Grant Thos.
Trunck F. G. (Est. of)
GALESBURG—Purington Paving Brick Co.
GRAYVILLE—Wheatcroft W. G. & Sons
HAMPSHIRE—Backus & Sholes
HIGHLAND—Miller Louis
HILLSBORO—Hillsboro Brick & Tile Co.
JOLIET—Shaw E.
Shaw Silas Brick Co.
KANKAKEE—Kankakee Tile & Brick Co. (Drain Tile)
LITCHFIELD—Keese & Chamberlin Bros.
LOMBARD—Lombard Brick & Tile Co.
MACKINAW—Judy & Cook
MANCHESTER—Heaton J. M. (Tile)
MANTENO—Manteno Brick & Tile Co.
MASCOUTAH—National Pressed Brick Co.
MAZON—Condon James
METCALF—Jones J. H. & Son
MINONK—Goodwin Bros.
MOLINE—Karstens August
MOMENCE—Tiffany Enamel Brick Co.
MONMOUTH—Monmouth Brick & Tile Co.
MONTICELLO—Lodge W. F.
MORRIS—Buck R. B.
MOUNT OLIVE—Mount Olive Brick & Tile Co.
MOWEAQUA—Corrington William E.
NAPERVILLE—Martin & Van Owen
NASHVILLE—Nashville Press Brick Co.
OKAWVILLE—Schlecte Wm.
OLNEY—Olney Paving Brick & Tile Mfg. Co.
ONARGA—Barnes W. S.
OTTAWA—Chicago Retort & Fire Brick Co.
PANA—Biehl Edward
PEKIN—Jansen & Zoeller
PEORIA—Carter F. R.
Fox William
Giles Albert E.
PERU—Unzicker R.
PETERSBURG—Anderson Chas. (Tile)
Salveson Bros.
PITTSFIELD—Huseman Augustus
PLAINFIELD—Townell Hewson, Sr. & Son (Tile)
POLO—French Arthur (Tile)
PRINCETON—Hansen Bros.
Oberschelp H. G. (Tile)
Wagner Jacob
QUINCY—Damhorst Wm. S.
Gem City Press Brick Co.
Spilker A. & Sons
RAY—Nicholson Clay Mfg. Co. (Drain Tiles)
ROBERTS—Anderson & Jensen
ROCK ISLAND—Atkinson Oloff
Paulsen Hans
Richmond Geo. H.
SAINT ANNE—St. Anne Brick & Tile Co.
SCHOOL—Compton Ezra
SENECA—Steep W. H.
SHELBYVILLE—Martz Bros.
SPRINGFIELD—Dawson Brick & Tile Co.
Springfield Paving Brick Co.
STREATOR—Barr Clay Co.
National Drain Tile Co. (Drain Tile Only)
Streator Brick Co.
SULLIVAN—Witts & Witts
TAYLORVILLE—Anderson Samuel
URBANA—Barr Andrew
Sheldon Brick & Building Supply Co.
UTICA—Utica Fire Brick & Clay Co.
WADSWORTH—Cashmore Jonathan
Winter Bros.
WATERLOO—Burkhardt Jacob
WAVERLY—Waverly Brick & Tile Co.
WEST BROOKLYN—Beale J. M. & Co.
WOODSON—Kitner F. H.
YORKVILLE—Tarbox A. & E.
ZENOBIA—Molohan Dave

INDIANA.

AKRON—Gast A. A. & Son
ALBION—Landgraff Frank
ANDERSON—Indiana Brick Co. (Daily capacity, 150,000)
ANGOLA—Angola Brick & Tile Co.
Bachelor Brick & Tile Co. (Also Tile)
ARCOLA—Felger & Caston (Also Tile)
ATTICA—Poston Clarence E.
AURORA—Aurora Brick Works
BARNARD—Hill John C (Tile)
BATESVILLE—Wessel H.
BEAVER CITY—Bassett & Courtney (Tile Only)
BEDFORD—Heitger Julius
BELLMORE—Lee Rus. (Also Tile)
BERNE—Gottschalk Andrew (Tiles)
BIPPUS—Bippus Tile Co.
BLOOMFIELD—Bloomfield Brick Co.
BOONVILLE—Industrial Brick Works
Klostermeier Louis
BRAZIL—Brazil Clay Co.
Chicago Sewer Pipe Co. (see Chicago, Ill.)
Indiana Paving Brick & Block Co.
BROOK—Brook Terra Cotta Tile & Brick Co.
BROWNSBURG—Lingerman Bros (Tile Only)
BUTLER—Butler Brick & Tile Co.
CHURUBUSCO—Stockert J. J. (Tile Only)
CLINTON—Clinton Paving Brick Co.
COATESVILLE—Ellis E. R.
COLFAX—Lee M. J. Drain Tile Co. (Drain Tile Only)
COLUMBUS—Crump F. T.
CONNERSVILLE—Fries A. & Sons
CRAWFORDSVILLE — Crawfordsville Shale Brick Co.
Poston Paving Brick Co.
Standard Brick Co.
CURTISVILLE—Curtisville Tile & Brick Co.
CYNTHIANA—Redman & Co. (Tile Only)
DECATUR—Krick, Tyndall & Co.
DELPHI—Clauser W. H. & Sons
DUNKIRK—Martin Bros. (Also Tile)
ELKHART—Boss John C Co.
EVANSVILLE—Evansville Brick & Tile Co.
First Avenue Brick & Tile Co.
Standard Brick Mfg. Co.
Uhl Pottery Co.
FARMERSBURG—Farmersburg Brick & Tile Works
FERDINAND—Helming Wm.
FORT WAYNE—Fort Wayne Brick Co.
Moellering's Wm. Sons
FRANCESVILLE — Francesville Clay Product Co.
FRANCISCO—Stormont James M. & Bro. (Tile)
FREELANDVILLE — Hummerich Benjamin (Tile)
Meyer Chas.
GREENSBURG—Isgrigg W H & Son
Littell Geo. S.
HAUBSTADT—Woehler Geo.
HEBRON—Kenney R. S. (Tile Only)
HOBART—Kulage Brick Works
HOMER—Arbuckle & Son
HUNTINGBURG — Huntingburg Dry Pressed Brick Co.
Lukemeyer Wm. H. & Son (Also Tile)
HUNTINGTON—Holzinger F. F.
Huntington Brick Co.
INDIANAPOLIS—Brooklyn Brick Co., Chamber of Commerce
JASPER—Hochgesand A. M. & Sons
KINGMAN—Howrey Marion E. (Tile Only)
KIRKLIN—Kirklin Clay Mfg. Co. (Also Tile)
KNOX—Lewis Wm. A.
KOKOMO—Leach J. M. Mfg. Co.
LAFAYETTE—May Bros.
LAGRANGE—Lagrange Specialty Co.
LAWRENCEBURG—Mitchell Brick Co.
LEBANON—Herdrick B. F.
LYNN—Lynn Tile & Brick Works
MADISON—Madison Brick Co.
MARION—Marion Brick Works
MARTINSVILLE—Adams Brick Co.
Martinsville Brick Co.
MEDARYVILLE—Howe Geo R
MEDORA—Medora Shale Brick Co.
MIAMI—Needham Bros. (Tile Only)
MICHIGAN CITY—Ohlemacher Brick Co.
MILLGROVE—Inman Tile Co. (Tile)
MONTEZUMA—Marion Brick Works
MOORESVILLE—Bradley Brick Co.
MOUNT VERNON—Brinkman H. (Tile, etc.)
Industrial Brick Co.
NAPPANEE—Mullett Bros. (Tile Only)
NEW ALBANY—Goetz Pressed Brick Co.
Hoosier Brick Co.
NORTH LIBERTY—Heim Cement Products Co. (Tile Only)
NORTH VERNON—North Vernon Lumber Co.
OAKLAND CITY—Read Chas. H.
PONETO—Cook J. W. (Tile)
PORTLAND—North Frazier & Co. (Tile Only)
PREBLE—Werling Albert (Tile Only)
PRINCETON—Watt & Mitchell
RAYS CROSSING—Arbuckle & Son (Tile)
RED KEY—Red Key Tile Brick & Building Block Co. (Also Tile)
RIDGEVILLE—Ridgeville Tile & Brick Co. (Also Tile)
ROACHDALE—Rice James A. & Son
RUSHVILLE—Bainbridge Wm. M.
Dawson M. C. (Tile Only)
RUSSIAVILLE—Cunningham Richard
ST. MEINRAD—St. Meinrad Brick & Tile Co.
SCOTTSBURG—Wyman D. W. & Son
TERRE HAUTE—Bennett & Bennett
O'Mara Bros. Brick Co.
Terre Haute Pressed Brick Co.
Terre Haute Vitrified Brick Co. (Building & Sewer)
WASHINGTON—Kretz Joseph
WEST LEBANON—Hamar Alex (Tile)
WINDFALL—Windfall Mfg. Co. (Brick Tile)
WOLCOTT—Wolcott Brick & Drain Tile Co.
WOODBURN—Woodburn Tile & Brick Co. (Brick & Tile)

IOWA.

ALGONA—Algona Brick & Tile Works
ATLANTIC—Atlantic Brick & Tile Co.
AUBURN—Auburn Brick & Tile Co.
AUDUBON—Tramp & Tramp
BARNES CITY—Wilson & Morrow
BOONE—Boone Brick Tile & Paving Co.
BRIDGEWATER—Cass C. H.
BUFFALO—Davenport Brick & Tile Co.
CEDAR RAPIDS—Cedar Rapids Brick Co.
Stookey D. W.
CENTERVILLE—Centerville Brick Co.
CLAY WORKS—Johnston Bros. Clay Works
COLUMBUS JUNCTION—Long Clifford
COUNCIL BLUFFS—Wickham Jas. & O. P.
CRESCO—Marshall C. A.
CRESTON—Tramp Bros.
DAVENPORT—Benedict John Co.
Black Hawk Brick Co.
Davenport Brick & Tile Co.
Hydraulic Press Brick Co.
DECORAH—Kornmeyer Bros.
DEEP RIVER—Deep River Brick & Tile Co.
DES MOINES—Des Moines Brick & Tile Co.
Enamel Concrete Brick Co.
Flint Brick Co.
Goodwin Tile & Brick Co.
Iowa Pipe & Tile Co.
Maine James & Sons Co.
Shackelford Brick Co.
Star Brick Co.
DE SOTO—De Soto Brick & Tile Works
DUBUQUE—Dietrich & Beutin
Heim John & Son Bros.
DYSART—Dysart Brick & Tile Co.
ELDON—Trott J. A. & Sons
ELDORA—Eldora Pipe & Tile Co.
FAIRFIELD—Raney Bros.
FONDA—Straight Bros.
FORT DODGE—Bradshaw & Co.
Fort Dodge Brick & Tile Co.
Kalo Brick & Tile Co.
GLADBROOK—Gethmann Brick Co.
Gladbrook Pressed Brick & Tile Co.
Stauffer Geo. M.
GLENDON—Wells Bros. & Clay
GOLDFIELD—Conger & Whyte
GRINNELL—Grinnell Clay Products Co.
HARVEY—Harvey Brick & Tile Co.
IOWA CITY—Oakes Bros.

IOWA—continued
KALO—Kalo Brick & Tile Co.
KELLOGG—Kellogg Brick & Tile Works
KEOKUK—Keokuk Brick & Tile Co.
KIMBALLTON—Jacobson O. H.
LE MARS—Schafer Louis
LEHIGH—Campbell James
Lehigh Clay Products Co
LYNNVILLE—Newby C. H.
MARSHALLTOWN—Sieg John A.
MASON CITY—American Brick & Tile Co
Mason City Brick & Tile Co.
Mason City Clay Works
Mason City Sewer Pipe Co.
North Iowa Brick & Tile Co.
MEDIAPOLIS—Johnson A. & Sons
MINBURN—Hill, T. M.
MONTICELLO—Dautremont Frank
MUSCATINE—Koetting John
Maeglin Gustave
NEVADA—McHose S. M.
NEWTON—Henning Wm.
NORTH ENGLISH—Smith E. J. & Sons
OSCEOLA—Seigle M. C.
OTTUMWA—Morey Clay Products Co (Brick & Tile)
Ostdiek H. B.
POSTVILLE—Postville Clay Products Co.
REDFIELD—Redfield Brick & Tile Workr
ROCKFORD—Rockford Brick & Tile Co
SHEFFIELD—Sheffield Brick & Tile Co.
SIDNEY—Carter Samuel O.
SIOUX CITY—Sioux City Brick & Tile Co
SOUTH ENGLISH—Good Bros.
STUART—Piner John
TAMA—Tama Brick & Tile Co.
TOLEDO—Toledo Brick & Tile Co.
VAN METER—Platt Pressed & Fire Brick Co.
WASHINGTON—Long C. W.
Shields John & Sons
WEST POINT—Schier B. H.
WHAT CHEER—Nicholson G. G.
WINFIELD—Pierce L. B.

KANSAS.

ATCHISON—Atchison Paving Brick Co.
Wolters Bros.
BUFFALO—Buffalo Brick Co.
BUFFVILLE—Kansas Buff Brick & Mfg. Co.
BURLINGTON—Batdorf & Co.
CHANUTE—Chanute Brick & Tile Co.
CHERRYVALE—Cherryvale Brick Co.
COFFEYVILLE—Coffeyville Shale Products Co.
Coffeyville Vitrified Brick & Tile Co.
Standard Vitrified Brick Co.
FREDONIA—Excelsior Brick Co.
Fredonia Brick Co.
HUMBOLDT—Humboldt Brick Mfg. Co.
IOLA—Iola Brick Co.
Union Brick Co.
KANSAS CITY—Hydraulic-Press Brick Co
LAWRENCE—Lawrence Vitrified Brick & Tile Co.
LINDSBORG—Swanson A. J.
MOUND CITY—Mound City Brick & Gas Co.
NEODESHA—Verdigris Valley Vitrified Brick & Tile Co.
OTTAWA—Ottawa Brick & Tile Co.
PITTSBURGH—Pittsburgh Paving Brick Co.
SALINA—Salina Vitrified Brick Co.
TOPEKA—Capital City Vitrified Brick & Paving Co.
Lumberman's Supply Co.
Topeka Vitrified Brick & Tile Co.
WICHITA—Wichita Silex Brick Co.

KENTUCKY.

ASHLAND—Ashland Fire Brick Co.
Gates J. J. & Co.
O'Kelly Brick Co.
BARBOURVILLE—Barbourville Brick & Tile Co.
BOWLING GREEN—Phillips Aaron
CENTRAL CITY—Central City Brick Mfg. Co.
CLINTON—Harpole John A.
COVINGTON—Busse Brick Co.
Meier A. & Co.
Winston Thos. H.
DANVILLE—Dillehay Brick Co.
FULTON—Bransford G. H. & Son
GLASGOW—Dickinson Brick & Tile Co.
HALDEMAN—Kentucky Fire Brick Co.
HARTFORD—Bean Bros.
HAZEL—Hazel Brick & Tile Co.
HENDERSON — Kleymeyer-Klute Brick & Tile Works
HOPKINSVILLE—Dalton Bros. Brick Co
LEBANON—Goodin R. G.
LEWISPORT—Greathouse David B.
LEXINGTON—Lexington Brick Co.
LOUISVILLE—East End Brick Co.
Louisville Brick Co.
Southern Brick & Tile Co.
West Va. Clay Products Co.
MACEO—Robinson W. F.
MADISONVILLE—Hall W. L.
Providence Brick Co.
Stewart G. A.
MAYSVILLE—Maysville Brick Co.
Sphar Brick Co.
MORGANFIELD—Alhorn & Waller
MOSELEYVILLE—Clark Mfg. Co.
MURRAY—Slaughter G. W. & A. J.
NEW HAVEN—Nelson Brick & Tile Co.
NEWPORT—Newport Pressed Brick & Stone Co.
NICHOLASVILLE—Schneider A. H.
PADUCAH—Hill & Karnes Brick Co.
Katterjohn Brick Co.
Paducah Brick & Tile Co.
STURGIS—Long E. H.

LOUISIANA.

ABBEVILLE—Godchaux Brick Co., Ltd.
ALEXANDRIA—Adams C. N.
BATON ROUGE—Baton Rouge Brickyard
BREAUX BRIDGE—Breaux Bridge Brick & Milling Co., Ltd.
BUNKIE—Bunkie Brick Works, Ltd.
COLFAX—Lecroix Wm.
COVINGTON—Alexius Bros. Co.
DONALDSONVILLE—Cire Bros.
EVERGREEN—Flournoy David
FRANKLIN—Bodin Eugene
Milholland Geo.
HAMMOND—Hammond Brick Co., Ltd.
Kent Amos Lumber & Brick Co.
HOUMA—Houma Brick Mfg. Co.
KENTWOOD—Kent Amos Lumber & Brick Co.
LABADIEVILLE—Achee Elphez
LAFAYETTE—Roy J. A.
LAKE CHARLES—Buck H. E. Brick Mfg. Co.
Delatte & Lagrange
MANSFIELD—De Soto Brick Co., Ltd.
MARKSVILLE—Neck Bros. Co., Ltd.
MONROE—Monroe Brick & Builders Supply Co.
NATCHITOCHES—Hughes & Aaron
NEW ORLEANS—Salmen Brick & Lumber Co., Ltd., Whitney bldg
PEARL RIVER—Schneider Bros. (Firm Name)
PLAQUEMINE—Plaquemine Brickyard
RUSTON—Randolph J. R.
SHREVEPORT — Oliff-McCormick Brick Co., Ltd.
Shreveport Brick & Tile Co.
SLIDELL—Salmen Brick & Lumber Co., Ltd.
WINNFIELD—Winnfield Brick Co.

MAINE.

BANGOR—Bangor Brick & Construction Co.
BREWER—Brooks Brick Co.
McDonald John
BRUNSWICK—Hacker C. E.
DANVILLE—Oliver Jos. B.
EAST DOVER—Crockett F. A.
ELIOT—Clark Samuel (Est. of)
King Joseph
Raitt Chas.
Rowe Alvin L.
Tandreault Joseph
LEWISTON—Pettingill Geo. S.
LISBON FALLS—Desjardins Louis
MECHANIC FALLS — Mechanic Falls Brick Co.
ORLAND—Gross Fred B. & Son
Hutchins A. W. & A. B.
Leach Wendall G.
PENOBSCOT—Leach Ellery F.
Leach Otis
PORTLAND—Hamblet Brick Co.
Hamblet Brick Co.
Lucas William
SACO—Saco Brick Co.
SKOWHEGAN—Purington Horace Co.
WATERVILLE—Procter & Bowie Co.
Purinton H. Co.
WEST FARMINGTON—Galbert Thos.
YORK VILLAGE—York Harbor Brick Co.

MARYLAND.

BALTIMORE—Baltimore Brick Co., Maryland Trust bldg
Burns & Russell Co., American bldg
Champion Brick Co., 206 Courtland
Excelsior Brick Co., Benson av, nr Caton
Independent Brick Co., Md. Trust bldg
BERLIN—Berlin Brick Co.
Westport Paving Brick Co., Baltimore, Md.
CRISFIELD—Collins Geo. M.
CUMBERLAND—Queen City Brick & Tile Co.
FREDERICK—Frederick Brick Works
Maryland Brick & Supply Co.
FROSTBURG—Savage Mountain Firebrick Co.
Hancock Shale Brick Co., Hagerston, Md.
HAGERSTOWN—Henson Brick Supply Co.
HANCOCK—Hancock Shale Brick Co.
NORTH EAST—Green Hill Fire Brick Co.
United Firebrick Co. (Fire Clay Products)
PRINCESS ANNE—Collins Frank
ROBERTS—Smith R. J.
ST. MICHAELS—Hope Clifton
SALISBURY—Peninsular Brick Co.
Salisbury Brick Co.
WESTPORT—Westport Paving Brick Co.
WILLIAMSPORT — Conococheague Brick & Earthenware Co.

MASSACHUSETTS.

BELMONT—New England Brick Co.
BOSTON—Boston Brick Co.
New England Brick Co., 18 Post Office Square
Parry Brick Co., 166 Devonshire
Spiers Brick Co., 79 Milk
BRIDGEWATER—Bassett Josiah G.
Bridgewater Brick Co.
Cook Ernest L.
CAMBRIDGE—New England Brick Co.
CHELSEA—Boston Brick Co.
EASTHAMPTON—Coyle Bartley & Son
FITCHBURG—Fitchburg Brick Co.
GREENFIELD—Dyer C. C.
HOLYOKE—Holyoke Brick Co.
Lynch Bros. Brick Co.
Prew Jno. J.
IPSWICH—Brown Walter G.
LENOX—Mahanna William
LEOMINSTER—Osborne William L.
LYNN—Blakeley Geo. C. & Son
Graham F. J.
MEDFORD—New England Brick Co.
MONTAGUE CITY—Burnham A. C. & F. G.
NORTHAMPTON—Bailey M. A.
OTTER RIVER—Otter River Brick Co.
SPRINGFIELD—Springfield Brick Co.
SOUTH AMHERST—Atwater & Dow
TAUNTON—Stiles & Hart Brick Co.
WEST BARNSTABLE—West Barnstable Brick Co.
WILLIMANSETT—Phillips E. K.
WORCESTER—Boucher Jos., 180 Plantation

MICHIGAN.

ALLEGAN—Allegan Brick Co.
ANN ARBOR—Britton Pressed Brick Co.
ASHLEY—Stevenson David & Sons
AZALIA—Meyers Bros.
CALUMET—Lake Superior Stone Brick Co.
CASS CITY—Hall Charles
CLIO—Oliff Thos.
DEERFIELD—Atkin Wm. T. Jr.
DETROIT—Ajax Brick Co., Western av & M. C. R. R.
Clippert Geo H. & Bros. Brick Co., 161 Virginia pk
Daniel Jacob Brick Co., 291 Clippert av
Fairview Brick Co., 80 Griswold
Lohyo-Harsha Brick Co., Larkin rd, nr Michigan
McDonald J. C. & Son, Hammond bldg
Mercier Bryan-Larkins Brick Co., Lonyo & M. C. R. R.
Michigan Pressed Brick Co., 480 Lawton
Puritan Brick & Tile Co., Farewell bldg
Schneider Bros. Brick Co., 546 Dix av
Walker & Frank Brick Co., Dix & Lonyo rd
Wolf F. H. Brick Co., 1467 Central av
FLINT—Flint Sandstone Brick Co.
GRAND RAPIDS—Battjes Fuel & Building Material Co.
Grand Rapids Brick Co.
Grand Rapids Consol. Brick & Tiling Co.
HANCOCK—Lake Superior Stone Brick Co.
HOLTON—Holton Brick Co.
IONIA—Vander Heyden Fred H.
ITHACA—Peet C. D.

LANSING—Clippert Spaulding & Co.
MAYBEE—Linenfelser Brick & Tile Co.
MIDLAND—Midland Tile Wks.
MORENCI—Lee L. V.
MOUNT CLEMENS—Mount Clemens Brick & Tile Co.
OGDEN CENTER—Wilt C. H.
OTTER LAKE—Otter Lake Brick & Tile Co.
OXFORD—Michigan Pressed Brick Co.
PAINES—Day J.
PETOSKEY—De Arment Carl
SAGINAW—Saginaw Paving Brick Co.
ST. CLAIR—Belknap & Phillips
ST. JOHNS—Pulfley C. F.
SARANAC—Brown Albert
SEBEWAING—Reinbold Ernst
TRAVERSE CITY—Traverse City Brick Co.
Markham J. W.
VULCAN—Vulcan Brick Works
WARREN—Hartsig Jacob
ZEELAND—Zeeland Brick Co.

MINNESOTA.

AKELY—Moore Bros.
AUSTIN—Minnesota Farmers' Brick & Tile Co.
BLAKELEY—Kahn Sam
BRICKTON—Morton R. P.
Princeton Brick Co.
CHASKA—Chaska Brick & Tile Co.
Klein C. H. Brick Co.
CROOKSTON—Crookston Brick & Tile Co.
DULUTH—Enterprise Brick Co.
FERTILE—Fertile Brick & Tile Co.
HUTCHINSON—Madsen M. C.
JACKSON—Jackson Tile & Brick Co.
MANKATO—Fowler & Pay
Panenberg F. G. & Co.
Stewart W. E.
MINNEAPOLIS—Anderson M. Brick Co.
Belt Line Brick Co., Andrus bldg
Jagger Brick Co.
Johnson Frank A.
Minneapolis Brick & Supply Co., Plym bldg
Minneapolis Paving & Cement Brick Mfg. Co.
Wisconsin Red Pressed Brick Co., Lumber Exchange
NEW ULM—Aufderheide Fred.
PERHAM—Haut Gustave
PRESTON—Passe F. J.
ST. PAUL—Chaska Brick & Tile Co., Ryan bldg
Twin City Brick Co., Capital Bank bldg
SHAKOPEE—Schroeder Brick & Lime Co.
SPRINGFIELD—Ochs A. C. Brick & Tile Co.
WARREN—Lundgren Edward
WINONA—Biesanz Philip
Voelker & Groff
WRENSHALL—Enterprise Brick Co.
Habhegger Fred.
Wrenshall Brick Co.

MISSISSIPPI.

BALDWYN—Baldwyn Brick & Tile Co.
BOONEVILLE—Booneville Brick & Tile Co.
BROOKHAVEN — Brookhaven Pressed Brick & Mfg. Co.
CANTON—Smith G. J., Commercial Co.
COLUMBUS—Columbus Brick Co.
GREENWOOD—Success Brick & Tile Co.
HATTIESBURG—Riverside Brick & Mfg. Co.
HOLLY SPRINGS—Holly Springs Stoneware & Fire Brick Co.
JACKSON—Bullard Brick Co.
Taylor W. B.
LOUISVILLE—Storer A. M.
NEW ALBANY—Reeves Frank
VICKSBURG—Beck Jno. W.
YAZOO CITY—Montgomery Land Co.

MISSOURI.

BOONVILLE—Boonville Brick Co.
BRAYMER—McCubbin Wm. M.
BRUNSWICK—Brunswick Brick & Tile Co.
CHILLICOTHE—Shale Brick & Tile Co.
FULTON—Fulton Fire Brick Co.
GLASGOW—Burdie Bros.
INDEPENDENCE — Independence Shale Brick Plant
JACKSON—Kasten & Schmuke Pressed Brick Co.
JEFFERSON CITY—Dawson B. C.
KANSAS CITY—Flanagan-Zeller Brick & Mfg. Co.
Lyle Rock Co.
Pittsburg Paving Brick Co, Dwight bldg
LEXINGTON—Lexington Triumph Press Brick Co.
MOBERLY—Moberly Paving Brick Co.
NEVADA—Daly J. A.
PERRYVILLE—Popp John C.
ROCKPORT—West Joseph
ST. CHARLES—St. Charles Brick Co.
ST. JOSEPH—St. Joseph Pressed Brick Co.
ST. LOUIS—Alton Brick Co., Chemical bldg
American Press Brick Co., 6500 Easton av
College Hill Pressed Brick Co.
Continenal Brick Co., Wright bldg
Enterprise Brick Works Co., 207 N 8th
Excelsior Press Brick Co., 1010 Chestnut
Hydraulic-Press Brick Co.
Illinois Supply & Construction Co., Century bldg
Ittner Anthony Brick Co., Odd Fellows bldg
Maes Jacob, Hoffmeister av E of Mo. Pac. Tracks
Missouri Press Brick & Improvement Co.
National Pressed Brick Co., 407 N 8th
Progress Press Brick & Machine Co., King's Highway nr Arsenal
Superior Press Brick Co., 3190 S Kingshighway
SHACKELFORD—Krumsiek Henry
WASHINGTON—Stumpe F. W.
WINFIELD — Magruder Benjamin E. (Tile)

MONTANA.

ANACONDA—Anaconda Copper Mining Co.
LIVINGSTON—Davis & Kermode
MISSOULA—Hollenbeck A. C.
Missoula Brick & Tile Co.

NEBRASKA.

ARLINGTON—Brinkman Fred.
AUBURN—Horrum W. H.
AURORA—Klose C. & Co.
BEATRICE—Beatrice Brick Wks.
BEEMER—Raasch J. C.
COLUMBUS—Nichols Julius S.
FREMONT—Rightbower Frank
FUNK—Garrabrant Bros.
GENEVA—Koehler A. Co.
HASTINGS—Polenske Bros., Schellak & Co.
Western Brick & Supply Co.
HOOPER—Builders' Brick Mfg. Co.
HUMPHREY—Baumgart Fred.
KEARNEY—Hibberd Brick Co.
LINCOLN—Yankee Hill Brick Mfg. Co.
McCOOK—McCook Brick Co.
NELIGH—Brenton T. H.
Neligh Brick & Mfg. Co.
OMAHA—Corneer Brick Co.
Gould F. P. & Son, City Natl. Bk. bldg
Hydraulic Press Brick Co.
Omaha Brick & Tile Co.
Omaha Clay Works
Smith Brick Co.
ORD—Gruber E. Wm.
ROSELAND—Trausch Bros.
SCOTTS BLUFF—Dooley C. E.
SOUTH OMAHA—Kritenbrink J. H.
STANTON—Strahle Carl
STROMSBURG—Stromsburg Brick Co.
WAYNE—Lewis Jno. S. Jr.
Sherbahn J.
WISNER—Benzien Herman
YORK—York Brick & Tile Co.

NEVADA.

RENO—Reno Press Brick Co.

NEW HAMPSHIRE.

CONCORD—Holt Samuel (Estate of)
DOVER—Gage Elbridge G.
Lucas I. L.
EPPING—Goodrich W. S.
Manchester Real Estate & Mfg. Co.
Proulx Joseph B.
GONIC—Blakely Geo. C. & Son
Boston Brick Co.
Lanoix Alphonse
LANCASTER—Lancaster Brick Co.
LEBANON—Densmore Brick Co.
MANCHESTER—Manchester Real Estate & Mfg. Co.

NEW JERSEY.

ASBURY PARK—Drummond Bros.
ATLANTIC CITY—McAnney John Alvin
Somers Brick Co.
Turner John F.
ATLANTIC CITY—Somers Brick Co.
BRIDGETON—Bridgeton Brick Co.
Penbryn Brick Co.
BROWN MILLS—Pittman Chas H.
CAMDEN—Hatch Hugh
Reeve Augustus
CLIFFWOOD—Cliffwood Brick Co.
Lenox Brick Co.
Oschwald Brick Works
DUNELLEN—Rajotte, Albert
EGG HARBOR CITY—Einsiedel Julius
Egg Harbor Brick Mfg. Co.
FARMINGDALE—Lippincott, Edwin
FLEMINGTON—Pedrick Geo. C.
HACKENSACK—Gardner M. B. & L. B.
Hackensack Brick Co.
Mehrhof, Philip
HARRISON—Harper David
HIGHTSTOWN—Reed R. H. & Bro.
HOMESTEAD—Homestead Brick Yards
KEASBEY—Didier-March Co.
LITTLE FALLS—Singack Brick Co.
LITTLE FERRY—Mehrhof Brick Co.
Treviranus & Gardner
MAPLE SHADE—Reeve Augustus
Sauselein Geo. C.
MATAWAN—Close Wm. A. Trading & Mfg. Co.
New Jersey Co.
MAYS LANDING—Atlantic Brick Mfg. Co.
MILLTOWN—Phila. & Boston Face Brick Co.
MORRISTOWN—Hanover Brick Co.
MOUNT HOLLY—Dubell Furman
MOUNTAINVIEW—Enterprise Brick Co.
NEWARK—Sayre & Fisher Co., ft. of Centre
NEW BRUNSWICK—New Jersey Clay Products Co.
Pettit & Co.
NEWTON—Losee F. E.
NORTHFIELD—Somers Brick Co.
OLD BRIDGE — Old Bridge Enameled Brick & Tile Co.
RED BANK—Crescent Brick Co.
SAYREVILLE—Furnam Edward
Sayre & Fisher Co. (Hard Building)
SOUTH RIVER—Bisset Brick Co.
Pettit & Cook Co.
South River Brick Co.
TRENTON—Applegate Joseph
Donahoe & Nolan
WHIPPANY—Hanover Brick Co.
WINSLOW—Hydraulic Press Brick Co. Office, Phila., Pa.

NEW YORK.

ALBANY—Hunter Alfred & Son
Smith Edw. J.
ARLINGTON—Flagler & Allen
Pennock Meda H.
ATHENS—Rider Wm. W.
BINGHAMTON—Atlas Coal & Supply Co.
BROCKWAY—Brockway Brick Co.
BUFFALO—Berricks Chas. Sons Co., 1151 Main
Brush Bros., Bailey av nr Erie R R
Ellicott Brick Co., 918 Ellicott sq
Jewettville Brick Co., Builders' Exchange
Lancaster Brick & Tile Co., Builders' Exchange
Lyth A. & Sons Co., 48 W Eagle
Lyth Tile Co., 202 Pearl
Queen City Brick Co., Builders' Exchange
Schmidt Geo. W., 180 Linwood av
Schuesler Edw. A. (Estate of), 254 Weiss
CANANDAIGUA—Hollis A. M. & Co. (Tile)
CATSKILL—Golden P. & Son
Washburn G. W. & Son, Brick Yard
CHELSEA—Watrous F.
COEYMANS—Sutton & Suderly Brick Co.
Ziegler & Ziegler
COHOES—Aetna Brick Co.
CORNING—Brick Terra Cotta & Tile Co.
CRESCENT—Newton A. C.
DUNKIRK—Dunkirk Brick & Tile Co.
DUTCHESS JUNCTION—Aldridge A. E.
Brockway Bros. Co.
Hammond & Freeman
Nicholson Bros.
Ramsdell Homer (Estate of)

NEW YORK—continued
EAST KINGSTON—Brigham Bros.
Dinan Thos. (Estate of)
Hendricks Brick Co.
Lynch Bros. & Co.
Staples Brick Co.
Washburn U. F. & J. T.
ELMIRA—Consolidated Brick Co.
FISHKILL LANDING—Belisle Joseph
GARDENVILLE—Bender Henry
GLASCO—Alpha Brick & Holding Co.
Empire Brick & Supply Co.
Washburn Bros. Co.
GLEN HEAD—Post Jotham
GRASSY POINT—Brophy Bros.
Morrissey & Co.
Washburn U. F. & Co.
Washburn & Fowler
GREEN BRIDGE—(See New York City Borough of Richmond)
GREENPORT—Sage Brick Mfg. Co.
HAVERSTRAW—Allison B. J. & Co.
Allison & Wood
Archer, George
De Noyelles Brick Co.
Excelsior Brick Co.
Fowler D. Jr. & Co.
Fowler Everett
Garner Brick Works
Lynch Brick Co.
Lynch & O'Brien
Malley Mary
Peck Brick Co.
Renn & Morrison
Shankey Thos. & Son
Snedeker Bros.
Tanney Brick Co.
Washburn U. F. & Co.
Washburn & Fowler
Wood & Allison
HORSEHEADS—Consolidated Brick Co.
HUDSON—Arkison Bros.
Atlas Building Material Co.
JAMESTOWN—Jamestown Shale Paving Brick Co.
JEWETTVILLE—Ellicott Brick Co.
Jewettville Brick Co. (See Buffalo)
KINGSTON—Frederick Brick Co.
Goldrick Philip
Hanrahan Brick & Ice Co.
Hutton Co.
Schlede Christian
Staples Brick Co.
Terry Bros. Co.
LANCASTER—Buffalo Sandstone Brick Co.
Lancaster Brick & Tile Co.
McCutcheon C. H.
MECHANICSVILLE—Cary Brick Co.
Champlain Brick Co.
New England Brick Co.
MIDDLE GRANVILLE—Pepper J. H.
NEWBURGH—Atlas Building Material Co.

NEW YORK CITY.

Boroughs of Manhattan and Bronx.

NEW YORK—Chestnut Ridge White Brick Co. (Eight Colors), 7 W 45th
Empire Brick & Supply Co., 103 Park av
Greater New York Brick Co., 103 Park av
Hydraulic Press Brick Co., 381 4th av
New Jersey Brick Co., 841 B'way
Plummer D. S., 104 W 90th
Richmond Brick Co., 50 Church
Sayre & Fisher Co. (Hard Building), 261 B'way
Willard C. T. Co., 410 E 23d

Borough of Richmond.

GREEN RIDGE—Dunn & Dolan, Arthur Kill rd

(End of New York City)

NIAGARA FALLS—Frontier Brick Works
NORTH TONAWANDA — Central Clay Products Co.
OLEAN—Alleghany Valley Brick Co.
Olean Pressed Brick Co.
Sterling Brick Co.
ROCHESTER—Rochester Brick & Tile Mfg. Co.
Rochester Composite Brick Co.
Rochester German Brick & Tile Co.
RONDOUT—(See Kingston)
ROME—Parry & Jones Co.
SCHODACK LANDING—Brousseau, H. P.
SOUTHOLD—Sanford C. L.
SYRACUSE—Merrick Chas. H.
Onondaga Vitrified Brick Co.
Pack Geo. W. & Son
Syracuse Unit Brick Co.
COHOES—Cary Brick Co.
Glass Robert & Co.
Painton Brick Co.
Troy Brick Co., Northern tpk
UTICA—Utica Brick Works
Weaver's Geo. F. Sons Co.
VERPLANCK—Mackey M. E.
O'Brien Philip
WATERVLIET—Retallick, H. E.

NORTH CAROLINA.

ARBA—Jones Geo. W.
ASHEVILLE—Shehan Geo. C.
BELEW CREEK—Zimmerman Bros.
BURGAW—Burgaw Brick Works
CARTHAGE—Kivett W. M.
CHARLOTTE—Charlotte Brick Co.
Queen City Brick Co.
Riverside Brick Co.
CHINQUAPIN—Lanier Dennis
CLARK—Clark Brick & Tile Co.
DURHAM—Cheek & Belvin
Clegg R. H.
Hutchins J. W.
ELIZABETH CITY—Elizabeth City Brick Co.
FAYETTEVILLE—Poe E. A. Brick Co.
GASTONIA—Henry T. A.
GOLDSBORO—Grant H. L. & Son
GRAHAM—Parks & Jeffreys
GREENSBORO—Cunningham Brick Co.
Jennings W. G. & Son
Watson A. W. Brick Co.
GREENVILLE—Dail W. H., Jr.
HAW RIVER—Trolinger & Montgomery
HIGH POINT—High Point Brick Co.
KINGSTON—Carolina Brick Co.
POLKTON—Polkton Brick Co.
SALISBURY—Salisbury Brick & Tile Co.
SCOTLAND NECK—Madry J. W.
SELMA—Ward N. E.
STATESVILLE—Morrison W. E.
WALNUT COVE—Hedgecock Brick Co.
WELDON—Chocayotte Brick Co.
Weldon Brick & Land Improvement Co.
WILMINGTON—Moore's Roger Sons Co.
WINSTON SALEM—Hedgecock R. W.

NORTH DAKOTA.

DICKINSON — Dickinson Fire & Press Brick Co.
GRAND FORKS—Red River Valley Brick Corporation
HEBRON—Hebron Fire & Pressed Brick Co.

OHIO.

ADA—Ada Clay Co. (Tile Only)
Hilty J. H. & Son (Tile Only)
ADDYSTON—Cincinnati Brick Co.
AKRON—Akron Brick & Tile Co. (Shale)
Camp L. W. Co.
Cooper Brick Co.
Crouse Clay Products Co.
Granite Clay Co.
McCausland Bros.
Robinson Clay Product Co.
Windsor Brick Co. (& Tile)
ALGER—Alger Clay Mfg. Co.
ALLIANCE—Alliance Brick Co.
Alliance Clay Product Co.
ANNA—Fleckenstein Geo. J. (Tile Only)
ANTWERP—Harrman & Son (Brick & Tile)
ARCADIA—Stall Bros. (Tile Only)
ARCHBOLD—Archbold Brick & Tile Co.
Bourquin Bros. (Brick & Tile)
ATHENS—Athens Brick Co.
ATLANTA—Atlanta Tile & Brick Co.
ATTICA—Keller G. M. & Son (Brick & Tile)
Milliron Bros. (Tile)
AVERY—Park & Tucker (Tile Only)
BALTIMORE—Neff J. M. (Tile Only)
BASCOM—Miller J. A.
BATAVIA—Clermont Brick Co.
BEAVER—Beaver Tile & Brick Co. (Brick & Tile)
BELLAIRE—Standard Stone & Brick Co.
BELLE CENTER—Royer Chas.
BELLEVUE—Gerhardstein Bros. (Brick & Tile)
BLACKLICK—Columbus Clay Mfg. Co.
BLOOMDALE—Bloomdale Tile & Brick Co. (Brick & Tile)
BLUFFTON—Diller Tile Co.
BRECON—Heidecker Brick Co.
BROADWAY—Thackery J. H. & Son
BROUGHTON—Baughman & Son (Tile)
BRYAN—Bryan Brick Co.
Neff Benj. F. & Sons (Tile)
BUCYRUS—Breisinger Chas. & Son
Witter Jno. (Tile)
BURKETTSVILLE—Jones Aaron (Tile)
BUTLER—Wheatcraft U. & Son
CAMP CHASE—Postle W. S. (Tile)
CANTON—Belden Brick Co.
Big Four Clay Co.
Canton Pressed Brick Co.
C. & B. Clay Co., Canton, O.
Lincoln Paving Block Co., Canton, O.
Metropolitan Paving Brick Co. (Shale)
Stark Brick Co., Canton, O.
CAREY—Stief Bros. (Brick & Tile)
CARROLLTON—Medal Paving Brick Co. (See Cleveland, O.)
CARROTHERS—Stockdale Tile & Brick Co. (Brick & Tile)
CECIL—Bissell & Erter (Tile)
CELINA—Celina Brick Mfg. Co.
Springer J. S. (Tile)
CHATFIELD—Baumgartner Bros.
CHICKASAW—Chickasaw Tile Co. (Tile)
CHIPPEWA LAKE — Chippewa Shale Brick Co.
CINCINNATI—Anders Geo. E., 1886 Fairmount av, Fairmount
Blair Brick Co., 409 Johnston bldg
Cincinnati Brick Co., Addyston
Cincinnati Clay Products & Supply Co., Johnston bldg
Glass Brick Co., 1st Natl. Bk. bldg
McCammon L. H. Bros., Johnston bldg
Mitchell Brick Co., Lower River rd, Delhi
Shorey D. C. Brick & Supply Co., Union Tr. bldg
Suer Herman & Sons, Marburg av, Hyde Park
Taylor Chas. Sons Co., 710 Burns
Warburg Bernard, Springfield rd, New Burlington
CLEVELAND—American Building Brick Co., 3639 W 56th
Barkwill-Farr Co., Leader News bldg
Cleveland Brick & Clay Co., B of L E bldg
Cuyahoga Brick & Shale Co., Pearl rd
Deckman Duty Brick Co., Swetland bldg
Dover Fire Brick Co., Cuyahoga bldg
Farr Brick Co., Leader-News bldg
Harrison Wm. H., E 49th, opp Guy av
Hydraulic Press Brick Co., 900 Schofield
Knauff & Esterbrook
Medal Paving Brick Co. (Vitrified Sewer), Swetland bldg, Works, Carrollton, O., & Malvern, O.
Murray Brick Co., 10553 Euclid av
Newburgh Brick & Clay Co., Engineers' bldg
Ohio Clay Co., Guardian bldg
Standard Brick Co., Valley Ry
Valley Shale Brick Co. (Sewer)
CLYDE—Clyde Brick & Tile Works
COAL GROVE—Petersburg Fire Brick & Tile Co.
COLD WATER—Birkmeyer, Mescher & Co. (Brick & Tile)
COLUMBUS—Claycraft Brick Co.
Columbus Brick & Terra Cotta Co.
Columbus Fire Brick Co., Hartman bldg
Ferris Warren B. Brick Co.
Ironclay Brick Co.
Kulp Bros. Brick Co.
Schneider Brick Co.
Shawnee Flash Brick Co.
Sugar Grove Brick Co.
COLUMBUS GROVE — Columbus Grove Brick & Tile Co.
CONDIT—Chadwick W. W. (Tile)
CONNEAUT—United Brick Co.
CORWIN—Benecke F. F. & Son (Tile)
COSHOCTON—Coshocton Brick Co.
COVINGTON—Wagner J. G. (Brick & Tile)
CRIDERSVILLE—Beerline J. W. & Sons (Brick & Tile)
CUMBERLAND—Bay John C. & Son
CUYAHOGA FALLS—Keller Brick Co.
DAYTON—Boren John W. & Sons Co., Arcade bldg
Chadwick, W. H.
Hosket Chas F., 662 E Richard
Kempert A. F.
Kempert & Sherer
Telgler Bros.
Timmerman W. A.
DELAWARE—Delaware Clay Mfg. Co.
DELPHOS—Minzing Fred
DERBY—Hall J. L. & Son (Tile)
DESHLER—Rogers M. E. (Tile)
DOVER—Baab Bros.
DUPONT—Etter Bros.

DUVALL—Teegardin J. W. & Co. (Brick & Tile)
EAST LIVERPOOL—East Liverpool Brick Mfg. Co.
EIFORT—Portsmouth Refractories Co.
ELMORE—Gleckler Geo. (Brick & Tile)
ELYRIA—Wallhead Wm. A.
EMPIRE—(See Brick, Fire)
ERLIN—Vogt's Wm. Son (Tile)
FINDLAY—Hancock Brick & Tile Co.
FOREST—Young T. M. (Tile)
FORT JENNINGS—Mericle Aaron (Tile)
FORT LORAMIE—Wagler C. C.
FORT RECOVERY—Fort Recovery Tile Co. (Tile)
FREMONT—Fremont Tile & Brick Co. (Brick & Tile)
Halbeisen F. (Tile)
Potter D. M.
Riverside Fuel & Supply Co.
FULTON—Fulton Brick & Tile Co. (Brick & Tile)
GALENA—Galena Clay Products Co.
GALLIPOLIS—McCormick Geo. H. Son & Co. (Tile)
GENEVA—Geneva Brick & Tile Works
GERMANTOWN—Crauder Henry (Tile)
GLANDORF—Nartker & Schroeder (Tile)
GLENWOOD—Noble Brick Co.
GOOD HOPE—Rife A. W. & J. Co. (Tile)
GREENFORD—Greenford Tile & Clay Co.
GREENSPRING—Young E. D.
GREENVILLE—Richeson, Nelson & Moore (Drain Tile)
GROVE CITY—Maxson Ira
GROVER HILL—Mowers H. H. & Co. (Tile)
HAMDEN—Puritan Brick Co. (See Detroit, Mich.)
HAMILTON—Hamilton Brick Co.
HANOVER—Hanover Red Pressed Brick Co.
HARPSTER—Conley, Joseph A.
HARRISON—Vincent Wm. C. & Son
HATTON—National Clay Co.
HAVILAND—Haviland Clay Works (Brick & Tile)
HICKSVILLE—Armstrong Mfg. Co.
HILL GROVE—Daubenmire C. E. (Tile)
HOLGATE—Richholt Bros. (Brick & Tile)
IRONTON—Ashland Fire Brick Co.
Wileman & Helbing
JAMESTOWN—Dodd & Carpenter
JEFFERSON—Loftus Martin
KENTON—Schmidt Wiphart (Brick & Tile)
KINGSWAY—Kingsway Drain Tile Co.
LACARNE—Ballin August E.
Ballin R. C.
LANCASTER—Cowden Brick & Tile Co.
Henry Robert
LARUE—LaRue Tile Co. (The)
LATTY—Schaefer E. P. (Tile)
LAURELVILLE—McClelland Tile Co.
LEBANON—Lebanon Pressed Brick Co.
LEIPSIC—Terry R. T. (Brick & Tile)
LINDEN HEIGHTS—Mulby Bros.
LOGAN—Hocking Valley Brick Co.
Logan Clay Product Co.
LONDON—Carter & Foster
LOUISVILLE—Keim Brick & Tile Co.
Louisville Brick & Tile Co.
LYKENS—Zellner Harvey
McARTHUR—McArthur Brick Co.
McCLURE—Kaylor John
MALVERN—Malvern Fire Clay Co.
Medal Paving Brick Co. (See Cleveland, O.)
Robinson Clay Product Co.
MAPLETON—Keim Brick Tile Co.
MARIA STEIN—Goecke Jos. (Tile)
MARION—Dix-Mason Brick Co.
Hoyles J. T. (Brick & Tile)
MARK CENTER—Hire Stave & Tile Co.
MARSEILLES—Althouse S. W. & Son (Tile)
MARTIN—Gerkensmyer H.
MARYSVILLE—Williams & McIntyre Co. (Tile)
MASSILLON—Everhard Co.
Massillon Brick Co.
Massillon Stone & Fire Brick Co.
MELVIN—Melvin Tile & Brick Co.
MENDON—Fox L. E. & Son (Tile)
MIDDLEPORT—Middleport Brick Co.
MIDDLETOWN—Smith Wm. & Co.
MILLBURY—Diefenthaler Co. (Brick & Tile)
MILLER CITY—Miller City Tile Co. (Tile)
MILLERSBURG—Millersburg Brick & Tile Co.
MILLERSPORT—Brison Bros.
MINERAL CITY—Federal Clay Product Co. (Sewer, Circle, Foundations, etc)
Holden Clay Products Co.
Markley Geo. J.
MINSTER—Steineman Anna M. (Tile)
MOGADORE—Colonial Pressed Brick Co.
MONROEVILLE—Mason H. R. (Tile)
MORRAL—Morral Drain Tile Co. (Tile)
MOUNT GILEAD—Mount Gilead Tile & Pottery Co.
MOUNT ORAB—Watson A. R. (Tile)
MOUNT VERNON—Wolfe Arthur C.
MOUNT VICTORY—Postle D. C. (Tile)
NANKIN—Rockenfelder Julius (Tile)
NAPOLEAN—Mehring John A. (Brick & Tile)
Yarnell & Yarnell (Brick & Tile)
NELSONVILLE—Nelsonville Brick Co.
NEVADA—Kuenzli Bros. (Tile)
NEWARK—Vogelmeier Bros.
NEW COMERSTOWN—Novelty Brick & Coal Co.
NEW LONDON—Biglow E. Co. (Brick & Tile)
Richards Samuel (Tile)
NEW STRAITSVILLE—Straitsville Impervious Brick Co.
NORTH CREEK—Neff Bros. (Tile)
NORTH INDUSTRY—Starkey John
NORTH ROBINSON—McDougal Victor
NORWALK—Norwalk Brick & Stone Co.
NORWOOD—Suer H. & Sons, 2352 Harper
OAK HARBOR—Gleckler Fred. (Tile)
Kramb Brick & Tile Co. (Brick & Tile)
OAK HILL—Aetna Fire Brick Co.
Davis Fire Brick Co.
Oak Hill Fire Brick & Coal Co.
Ohio Fire Brick Co.
OBERLIN—Oberlin Brick & Tile Co.
OSNABURG—Stark Brick Co.,
OTTAWA—Ottawa Tile Co. (Tile)
PAINESVILLE—Thompson Chas.
PAINTER CREEK—Swinger Oliver (Tile)
PAULDING—Klingler C. P. (Tile)
PAYNE—Anspaugh J. A. (Tile)
Garmroth Geo.
PERRYSBURG—Moser Wm.
Perrysburg Tile & Brick Co.
PICKERINGTON—Fernstenmaker W. E. & Son (Tile)
PIONEER—Lantz Fred. (Tile)
PLEASANT HILL—Deeter Isaac
PLEASANTVILLE—Miller N. H.
PORTSMOUTH—Heinisch Geo. H.
Kentucky Fire Brick Co.
Portsmouth Refractories Co.
RICHWOOD—Richwood Clay Co.
RIPLEY—Ripley Brick Co.
RITTMAN—Rittman Tile & Clay Products Co. (Tile, etc)
RIVER STYX—Ream A. B. (Tile)
ROCKFORD—King W. H. & Co.
ROYALTON—Allen & Hinckle (Brick & Tile)
SABINA—Darbyshire A. J.
SALINEVILLE—Ohio Clay Products Co.
SANDUSKY—Hinde Brick & Tile Co.
SHANESVILLE—Finzer Bros. Clay Co. (Tile)
SHERWOOD—Schliesser William & Arnold
SHILOH—Prame F. J.
SIDNEY—Bennett H. E. & Co.
SPARTA—Easterday Bros. (Bricks & Tile)
SPENCERVILLE—Schaffer G. W. (Tile)
Spencerville Tile Co. (Tile)
SPRINGFIELD—Grube, Adam & Son
Grube Bros.
STEUBENVILLE—Nicholson Brick Co.
STONE CREEK—Mumaw David G. (Tile)
SUGARCREEK—Shepfer & Moomaw Bros.
SYCAMORE—Althouse Bros. (Tile)
TIFFIN—Heilman Bros.
Tiffin Brick Co.
TOLEDO—Collingwood Brick Co., Spitzer bldg.
Enamel-Vitrified Brick Co., 1348 Nicholas bldg
Hydraulic-Press Brick Co.
Kohler Brick Co., St. Clair bldg.
Macomber Bros. Co.
Ohio Brick Co.
TORONTO—Toronto Fire Clay Co.
TRIMBLE—Trimble Paving Brick Co. (Building, Sewer, Sidewalk)
TROY—Troy Tile & Brick Co.
UHRICHSVILLE—Uhrichsville Clay Co.
UNION FURNACE—Columbus Brick & Terra Cotta Co.
UPPER SANDUSKY—Blaser E. G. (Tile)
WADSWORTH—Wadsworth Brick & Tile Co.
WARREN—Warren Brick & Tile Co.
WAYNESFIELD—Drain Tile Co.
WEST UNITY—Denman W. M. (Tile)
WEST MANCHESTER—Nelson Myers Co. (Tile)
WICKLIFFE—Kline John Brick Co. (Building & Sewer, Capacity 5,000,000)
WOOSTER—Wooster Shale Brick Co.
YOUNGSTOWN—Bessemer Limestone Co. (Wire Cut Shale; Capacity, 225,000 per Day)
Portage Silica Co.
ZANESVILLE—Harris Brick Co.

OKLAHOMA.

ADA—Cooper & Bones
ARDMORE—Ardmore Brick & Tile Co.
BARTLESVILLE—Bartlesville Vitrified Brick Co.
BLACKWELL—Blackwell Brick Co.
BOYNTON—Francis Vitric Brick Co.
CLAREMORE—Howard Brick Co.
McALESTER—Choctaw Pressed Brick Co.
MANGUM—Mangum Pressed Brick Co.
MUSKOGEE—Muskogee Vitrified Brick Co.
OKLAHOMA—American Brick & Tile Co.
Cleveland Vitrified Brick Co.
SAPULPA—Sapulpa Pressed Brick Co.
TULSA—Tulsa Brick Co.

OREGON.

AURORA—Jost Jacob F.
BARLOW—Yost Jacob F.
PORTLAND—Columbia Brick Works, 277 Hawthorne
Standard Brick & Tile Co., 81 4th
Versteg Brick Co., 1027 Tillanook

PENNSYLVANIA.

ALLENTOWN—Frederick Brothers
Mattern E. G.
Swoyer Bros. Brick Co.
ALTOONA—Altoona Brick Co.
AUBURN—Auburn Shale Brick Co.
BEAVER FALLS—Douglas-Whisler Brick Co.
BELLEFONTE—Bellefonte Brick Co.
BLOOMSBURG—Bloomsburg Brick Co.
BOSTON—Harper C. M. C.
BRADDOCK—Keller & Milliken
BRADFORD—Alumina Shale Brick Co.
Bradford Pressed Brick Co.
Kittanning Clay Products Co.
Pearl Clay Products Co.
Tuna Valley Pressed Brick Co.
BRIDGEVILLE—Mayer C. P. Brick Co.
BROOKVILLE—Humphrey Brick & Tile Co.
CARLISLE—Carlisle Brick Co.
CARNEGIE—Fort Pitt Stone & Brick Co.
CHESTER—Carr & McClaskey
Law Martha
CLEARFIELD—Clearfield Brick Mfg. Co.
Clearfield Clay Working Co.
Paterson Clay Products Co.
CLYMER—Clymer Brick & Fire Clay Co.
COPLAY—Rader Edward B.
CORRY—Corry Brick & Tile Co.
DARLINGTON—Darlington Brick & Mining Co.
DUBOIS—Dubois Clay Mfg. Co.
DUNBAR—Foltz D. C.
EASTON—Messer John B (Estate of)
Zehnder Brick Co.
EAST DOWNINGTOWN—Florey's Brick Wks.
EAST STROUDSBURG—Zacharias Jos. H.
EMPORIUM—Clay Products Co.
EMAUS—Binder Bros.
ERIE—Dudenhoeffer Co.
Dunn Brick Works
FALLSTON—Pennsylvania Clay Co.
Standard Fire Clay Co.
GREENSBURG—Keystone Clay Products Co.
GROVE CITY—Filer W. H.
HAMBURG—Hamburg Vitrified Brick Co.
Tobias & Sheridan
HARRISBURG—Bigler S. L. (Est of)
HOLLIDAYSBURG—Portage Brick Co.
HOMESTEAD—Homestead Brick Co.
HOWARD—Howard Brick Co.
JOHNSONBURG—Yingling-Martin Brick Co.
JOHNSTOWN—Johnstown Clay Products Co.
KANE—Kane Brick Co.
KITTANNING—Daugherty Bros. Brick Co.
Kittanning Brick & Fire Clay Co.
Kittanning Clay Mfg. Co.
KUSHEQUA—Kushequa Brick Co.

PENNSYLVANIA—continued
LANCASTER—Bomberger Brick Works
Pontz Adam
Pontz Jacob
Wise C. & Bro.
LANSDALE—Scholl Bros.
LANSDOWNE—Sullivan Jno.
LATROBE—Latrobe Brick Co.
LAYTON—Kier Fire Brick Co.
LEBANON—Peerless Brick Co.
LEHIGHTON—Graver H. A.
LEWIS RUN—Alumina Shale Brick Co.
Bradford Pressed Brick Co. (See Bradford, Pa.)
LOCK HAVEN—Lock Haven Fire Brick Co.
McKEESPORT—Layton Fire Clay Co. (Sidewalk)
Tempest Brick Co., (Ltd.)
MILTON—Fries W. E.
Milton Brick Co.
MONESSEN—Monessen Brick Works
MONONGAHELA—Monongahela Clay Mfg. Co.
Monongahela Stone Clay & Brick Co.
MORTON—Ackerman Henry I.
MOUNT UNION—Mount Union Refractories Co.
MOUNTVILLE—Mountville Brick Co.
NEW BETHLEHEM—Canton Tile Hollow Brick Co.
NEW BRIGHTON—Fallston Fire Clay Co.
Ingram & Co.
NEW CUMBERLAND—Flurie E. E.
Landis Brick Co.
New Cumberland Brick Co.
NEW OXFORD—Alwine Bros. Brick Co.
Carbaugh Wm. H.
Staub James A.
NORRISTOWN—Norristown Brick Co.
OSCEOLA MILLS—Osceola Silica & Fire Brick Co.
PATTON—Patton Clay Mfg. Co.
PENNSBURG—Reed Charles M.
Shankel Emanuel K.
PHILADELPHIA—Atlantic Brick Mfg. Co., 1218 Chestnut
Byrne Jos. T., 29th & Clearfield
Carroll H. C. & Sons, 67th & Gibson
Conway William, 5800 Walnut
Dougherty Edw., 5th & Wyoming av
Earley John H., Nicetown
Equitable Brick Mfg. Co., Perry bldg
Essig & Myers, N 2d n Butler
Frankford Brick Works, Torsdle av
Gaynor Michael, 30th & Morris
Goodwin John A., 27th & Tioga
Hamburg Vitrified Brick Co., 20th & Sedgley
Hatten Owen, Fisher's la & 9th
Jarden Brick Co., Land Title bldg
Kelly Christopher, Fisher's av & Clinton, Olney
Keystone Brick Co., Godfrey E., 2d, St. Park
Leuton Brick Co., 25th & Passy'k av
Mack Mfg. Co. (Building & Foundation), Lincoln bldg
North Phila. Brick Works, Rising Sun & Luzerne
Phila. Brick Co., 25th c Passayunk av
Pine Grove Vitrified Brick Co., 20th & Sedgley
Scott Brick Process Co, N American bldg
Seitter's F. Sons, Nicetown & G
Siner H. M. & C. B., Nicetown la & K
Webster & Keyser, 30th & Tasker
Wible R. B. & Son, 3404 Old Yard rd
PHILIPSBURG—Williams Grove Brick Co.
PITTSBURGH—Allegheny Brick Co., 19th
Blair D. & Bros., Stanton & Black
Booth & Flinn (Ltd), 1942 Forbes
Entress Brick Co., Bedford av & Duff Hill
Fallston Fire Clay Co., Oliver bldg
Gloninger & Co., Arrott bldg
Iron City Brick & Stone Co., Stanton & McCandless avs
Kittanning Brick & Fire Clay Co., Empire bldg
Lambert R. R. Co., Taggart & Crispen
Mack Mfg. Co., Arnott bldg
McFeely Brick Co., 1st Nat'l Bank bldg
Martin Brick Co., Empire bldg
Montour Brick Co., Imperial
Pennsylvania Clay Co., 421 Wood
Pittsburgh-Callery Brick Co., Wabash bldg
Pittsburgh Clay Product Co., Keenan bldg
Sankey Bros., 2112 Carson
Squirrel Hill Brick Co., Haldane & Connor
United States Sewer Pipe Co., Frick bldg
Vanport Brick Co., Farmers Bank bldg
Ward J. H. & Sons Co., Park & Nelson
Westmoreland Brick Co., 2nd Nat'l Bank bldg
Wilson Brick & Tile Co., Keenan bldg
Yingling Martin Brick Co.
PORTERS SIDELING—Brillhart Jacob S. & Sons
POTTSTOWN—Davidheiser F. B.
Garber Joseph S.
Roth Adam E.
PUNXSUTAWNEY — Punxsutawney Brick Co.
QUAKERTOWN—Henckeroth John
READING—Glen-Gery Shale Brick Co.
Kline D Milton
Reading Shale Brick Co.
REYNOLDSVILLE—Evans Thomas E.
Reynoldsville Brick & Tile Co.
ROYERSFORD—Thompson & Wills
ST. MARY'S—Elk Fire Brick Co.
SCHUYLKILL HAVEN—Schuylkill Pressed Brick Co.
SCRANTON—American Brick Co.
Federal Granite Brick Co.
Laurie James
Stipp Mathias
Stipp Peter & Sons
SHARPSBURG—Allegheny Brick Co., (Ltd.) (See Pittsburgh, Pa.)
SHIPPINSBURG—Bross & Shearer
SOUTH BETHLEHEM—Bingen Brick Co. (Ltd.)
Groman Bros. (Ltd)
SPEECEVILLE — Speeceville Brick Mfg. Co.
STEELTON—Steelton & Harrisburg Brick Co.
STOWE—Davidheiser F. B.
UNIONTOWN—Snider Edw.
Uniontown Brick Co.
United Fire Brick Co.
Williams J. V.
VANPORT—Gloninger & Co.
Vanport Brick Co.
WARREN—Highhouse's E. Sons
WASHINGTON—Donley Brick Co.
Washington Brick Co.
WATSONTOWN—Ferro Brick Co.
WAYNESBURG—Waynesburg Brick & Stone Co.
WILKESBARRE—Dickover Geo. T. & Son
YORK—Grotbe William H.
Kissinger's Benjamin Sons
Miller Chas. E. Brick Mfg. Co.
Spring Garden Brick Co., (Ltd.)
York Shale Press Brick Co.

RHODE ISLAND.

ASHAWAY—Ashaway Clay Co.
PROVIDENCE—Barrington Steam Brick Co., 10 Weybosset

SOUTH CAROLINA.

BLUE BRICK—Pee Dee Brick & Tile Co.
CAMDEN—Camden Brick Co.
CHERAW—Cheraw Brick Works
DARLINGTON—Darlington Brick & Tile Co.
DYSON—Dyson Brick Co.
FORT MILL—Charlotte Brick Co.
GREENWOOD—Mays Brick Co.
Pinson J. L.
NORTH AUGUSTA—Hankinson Brick Co
PEE DEE—Pee Dee Brick & Tile Co.
SUMMERVILLE—Summerville Brick Co.
SUMTER—Sumter Brick Works

SOUTH DAKOTA.

ABERDEEN—Carrier & Sons
BIG STONE CITY—Gold Bros. Brick Co.
LEAD—Phillips & Bartlett
SIOUX FALLS—Sioux Falls Pressed Brick Co.

TENNESSEE.

CHATTANOOGA — Chattanooga River Brick Co.
Howard Park Brick Co.
Key Jas. Brick Co.
Southern Clay Mfg. Co. (Paving Brick)
Wells J. W. Brick Co.
CLARKSVILLE—Settle W. A.
COLUMBIA—Simpson Thos.
DYERSBURG—Nichols J. M.
Tennessee Brick & Tile Co.
JACKSON—Jackson Brick Co.
Long J. B.
Southern Tile & Brick Works
KNOXVILLE—Davis W. M. & Son
Knoxville Brick Co.
Lonsdale Brick & Pottery Co.
Scott Brick Process Co.
Scott J. F. & Son
McKENZIE—Costen, Moore & Co.
MARYVILLE — Jackson-Eagleton Brick Co.
MEMPHIS—Lyon C. B. & Son
Missio R. L. Brick & Supply Co.
South Memphis Brick Co.
NASHVILLE—Bush Building Co.
Fulcher Brick Co.
Lesueur W. D. & C. H.
Lewis E. T. Co.
PURYEAR—Dixie Brick & Tile Co.
ROBBINS—Southern Clay Mfg. Co.
UNION CITY—Bransford T. L. & Sons

TEXAS.

ATHENS—Athens Brick & Tile Co.
Athens Pressed Brick Co. (Chas. H. Coleman, Prop.)
AUSTIN—Elgin Butler Brick & Tile Co.
Butler Brick Works
BROWNSVILLE—Gulf Coast Brick & Tile Co.
CALAVERAS—Mackey Brick & Tile Mfg. Co.
CENTER—Thomas N. O.
CORSICANA—Corsicana Brick Co.
DALLAS—Atlas Press Brick Works
Brown Brick Co.
ELGIN—Elgin Butler Brick & Tile Co.
EL PASO—Atlas Brick Co.
El Paso Brick Co.
Paul's Brick Co.
FERRIS—Diamond Press Brick Co.
Ferris Pressed Brick Co.
Globe Pressed Brick Co.
Lone Star Pressed Brick Co.
Texas Press Brick Co.
FORT WORTH—Cobb Brick Co.
GAINESVILLE—Gainesville Brick Co.
GONZALES—Sunset Brick & Tile Co.
HOUSTON—Vandaveer Jennings
LAREDO—Johnson S. N.
MARLIN—Branson, A. L.
MARSHALL—Higgins James
PALMER—Palmer Press Brick Works
SAN ANTONIO—Mackey Brick & Tile Mfg. Co.
Williams C. E. Brick Co.
STAMFORD—Bushel, R.
SULPHUR SPRINGS—Crush Brick & Tile Co.
TEXARKANA—Stevens A. W.
Texarkana Brick Co
WICHITA FALLS—Wichita Falls Brick & Tile Co.

UTAH.

LOGAN—Logan Brick & Lime Co.
OGDEN—Ogden Pressed Brick & Tile Co.
PROVO—Provo Pressed Brick Co.
SALT LAKE CITY—Improved Brick Co.
Kaysville Brick Co.
Salt Lake Pressed Brick Co.
Utah Fire Clay Co.
SMITHFIELD—Smithfield Brick & Tile Co.
SPRINGVILLE—Cook Mark

VERMONT.

ESSEX JUNCTION—Drury Brick & Tile Co.

VIRGINIA.

ALEXANDRIA—Bromilaw Brick Works
ARLINGTON—Virginia Brick Co.
Walker W. T. Brick Co.
West Bros. Brick Co.
BUENA VISTA—Dickinson Fire Brick Co.
CHARLOTTESVILLE—Updike Eston
COVINGTON—Allegheny Brick Co.
Covington Brick Co.
CULPEPPER—Culpepper Brick Co.
DANVILLE—Watson Fitzgerald Co.
DRAKES BRANCH—Payne, R. W.
ELKWOOD—Nalle & Douglas
HAMPTON—Richardson R. H. & Son
LYNCHBURG—Adams Bros. Raynes Co.
Lynchburg Brick Co.
MANCHESTER—Redford Brick Works
NORFOLK—Eureka Brick Co.
Face E. W. & Son
James River Brick Co.
Nansemond River Brick & Tile Co.
PETERSBURG—Brister Chas. M.
Turner W. R.

RICHMOND—Baltimore Brick Co.
Burroughs & Mankin
Davis W. Benjamin Brick Co.
Fulton Brick Works
Powers Bros. & Maynard
Powhatan Clay Mfg. Co.
Redford Brick Works
South Side Brick Co.
Wellington Brick Co., Millers Field
ROANOKE — Adams, Payne & Gleaves, (Annual Capacity, 37,000,000)
STRASBURG—Lemley L. F. & Sons
SUFFOLK—Suffolk Clay Co.
Virginia Brick Co.
WEEMS—Buck Levin T. & Co.

WASHINGTON.

BELLINGHAM—Headrick F. E.
Miller J. F. & Brother
CHELAN—Dunham H. E.
Mathers D. C.
CLE ELUM—Hutter Frank
COLFAX—Easum Bros.
EVERETT—Everett Brick Co.
FREEMAN—Schieche Frank
GRANGER—Granger Brick & Tile Co.
HARPER—Harper-Hill Brick Co.
LEAVENWORTH—Gutherless J. E.
MEAD—Davie J. T. Brick Co.
SEATTLE—Abrahamson Brick Co.
Builders' Brick Co.
Denny-Renton Clay & Coal Co.
Harper-Hill Brick Co.
Lake Union Brick Co.
Lohse Brick Co.
Peerless Brick Co.
Seattle Brick & Tile Co.
SPOKANE—Davie J. T. Brick Co.
Dishman A. T.
Pioneer Brick Co
Spokane Pressed Brick Co.
Washington Brick, Lime & Sewer Pipe Co.
TACOMA—Goss F. H. Brick Co.
VANCOUVER—Carson Bros.
WALLA WALLA—Walla Walla Brick & Tile Co
WENATCHEE—Hobson Bros.
Standard Brick Co.

WEST VIRGINIA.

CHARLESTON—Kanawha Brick Co.
Standard Brick Co
CLARKSBURG—Glen View Brick Co.
COLFAX—Colfax Brick Co.
ELKINS—Elkins Brick Co.
HUNTINGTON—West Virginia Paving & Pressed Brick Co.
HURRICANE—McCallister Wm. H.
MARTINSBURG—Buxton G. W.
MORGANTOWN—Morgantown Brick Co.
NEW CUMBERLAND—Acme Fire Clay Works
Claymont Brick Works
Mack Mfg. Co. (Building & Foundation)
PHILIPPI—Holt Samuel T. H.
PIEDMONT—Potomac Fire Brick Co.
WESTON—Keener Geo. I.
Weston Brick Works

WISCONSIN.

ARCADIA—Pahl August
ATHENS—Athens Brick & Tile Co.
AUGUSTA—Johnson W. E.
BARRON—Barron Red Pressed Brick Co.
BARRONETT—Larson Peter
Peterson Martin
BERLIN—Morris Chas. S.
BRILLION—Brillion Brick & Tile Co.
BRISTOL—Willett & Brown (Tile)
BURLINGTON—Burlington Brick & Tile Co.
CHILTON—Ricker L. H.
DE PERE—Hocker Bros.
Roffers John
Van Laanen Arnold
EDGAR—Hill Thomas
ELKHORN—Sprague E. H.
GRAND RAPIDS—Grand Rapids Brick Co.
Lessig John & Son
GREEN BAY—Green Bay Brick Co.
HIKA—Witte Gustav Jr.
JANESVILLE—Janesville Brick Works
JEFFERSON—Jefferson Brick & Tile Mfg. Co.
Kemmeter Gottlieb
KENOSHA—Craney & Spaulding
LA CROSSE—Schnell & Son
LADYSMITH—Ladysmith Brick & Tile Co.
MADISON—B. & M. Brick Co.
Stephens David (Est. of)
Wisconsin Brick Co.
MANITOWOC—Bertler's S. Sons Co.
Manitowoc Clay Products Co.
Woerfel Adolph
MENOMONIE—Excelsior Brick Co.
Hydraulic Press Brick Co.
Wisconsin Red Pressed Brick Co.
MILWAUKEE—Burnham Bros. Brick Co., 50th & State
Davelaar M. Son & Co., 153 Pryor av
Standard Brick Co., 496 Clement av
NEILLSVILLE—Schoengarth Aug.
NEW LONDON—Zerrenner Bros.
PORTAGE—Sanborn Brick & Ice Co.
PORT WASHINGTON—Gunther Bros.
RACINE—Haumerson F. H. & Sons
Hilker H. A.
SCHLEISINGERVILLE—Baehring H.
SHAWANO—Larson Thomas
SHEBOYGAN—Zimbal O. Brick Co.
STEVENS POINT—Langenberg Wm. E.
Stevens Point Brick Mfg. & Cons. Co.
UNION GROVE—Nisen Michael & Sons
WATERTOWN—Cordes L. H. & Co.
WAUPACA—Gminer C.
WAUSAU—Ringle Brick Co.
WAUWATOSA—Burnham Bros. Brick Co.

WYOMING.

CHEYENNE—Cheyenne Brick Co.
WHEATLAND—Goodrich Charles W.

1420-1— Brick (Cork)

Armstrong Cork Co., 24th & A V R R, Pittsburgh, Pa.
Armstrong Cork & Insulation Co. (For Stables, Shipping, Platforms, Machine Shops, etc), Pittsburgh, Pa.
United Cork Companies, 50 Church, New York

Brick (Cupola)

See Cupola Linings & Blocks

Brick (Dutch Clinker)

See Brick, Dutch Oven

1422— *Brick (Dutch Oven)

Thomas Moulding Brick Co., 1203 Chamber of Comm., Chicago, Ill.
See adv index at end of book

1423-4— Brick (Enameled)

American Enameled Brick & Tile Co., 52 Vanderbilt av, New York
Ferris Warren B. Brick Co., Columbus, O.
Hydraulic-Press Brick Co. ("Hy-Namel"), St. Louis, Mo.
Los Angeles Pressed Brick Co., Los Angeles, Cal.
Martin Brick Co., Empire bldg, Pittsburgh, Pa.
Old Bridge Enameled Brick & Tile Co., Old Bridge, N. J.
Sayre & Fisher Co. (Also Ornamental), 261 B'way, New York
Tiffany Enamel Brick Co., Momence, Ill.

1425— Brick (Fire)

ALABAMA.

ASHBY—McLeroy D. L.
BESSEMER—Bessemer Fire Brick Co.
Bessemer Fire Brick Co., Birmingham, Ala.
BIRMINGHAM—North Birmingham Fire Brick & Proofing Co.

CALIFORNIA.

ALAMEDA—Clark N. & Sons
LIVERMORE—Livermore Fire Brick Co.
LOS ANGELES—Los Angeles Pressed Brick Co.
St. Louis Fire Brick & Clay Co.
SAN FRANCISCO—Clark N. & Sons, 116 Natoma
Funsten Clay Products Co., 55 New Montgomery
Gladding, McBean & Co., Crocker bldg
Ione Firebrick Co., Monadnock bldg
Mushet W E Co., 502 Mission
Pratt Building Material Co., Hearst bldg
Stockton Fire & Enamel Brick Co., Rialto bldg
United Materials Co., 618 Mission

COLORADO.

CANON CITY—Diamond Fire Brick Co.
DENVER—Denver Fire Clay Co.
Denver Pressed Brick Co.
Denver Sewer Pipe & Clay Co.
PUEBLO—Standard Fire Brick Co.

CONNECTICUT.

NEW HAVEN—Howard Co.
Stow Silas J.

DELAWARE.

NEWPORT—Kiamensi Clay Co.
WILMINGTON—Delaware Terra Cotta Co., 819 Shipley

Thomas Moulding Brick Co.

1203 CHAMBER OF COMMERCE - - - - - - CHICAGO, ILL

Manufacturers of

FIRE BRICK and SPECIAL FIRE CLAY SHAPES for ALL PURPOSES

Rotary Cement and Brick Kilns; Malleable, Forging and Boiler Furnaces; Gray Iron and Semi-Steel Cupolas.

GEORGIA.

MACON—Macon Sewer Pipe Wks, 601-603 Georgia Casualty bldg, Macon, Ga.
Stevens H. Sons Co.
MILLEDGEVILLE—Oconee Brick & Tile Co.
TIFTON—Tift Silica Brick & Stone Co.

IDAHO.

TROY—Idaho Fire Brick Co.

ILLINOIS.

CARBON CLIFF—Argillo Works
CHICAGO—Chicago Fire Brick Co., 133 W Washington
Chicago Retort & Fire Brick Co. ("Ajax"), 208 So La Salle
Chicago Sewer Pipe Co., 127 N Dearborn
Dee Wm. E. Co., 30 N La Salle
Detrick M. H. Co., 549 W Washington
Garden City Sand Co., Chamber of Commerce bldg, Chicago, Ill.
Jackson Fire Brick Co., 20 W Jackson Blvd, Chicago, Ill.
National Fireproofing Co., 327 S La Salle
Southern Fire Brick & Clay Co., 133 W Washington
Thomas Moulding Brick Co., 1203 Chamber of Comm., Chicago, Ill.
See adv index at end of book
OTTAWA—Chicago Retort & Fire Brick Co.
UTICA—Utica Fire Brick & Clay Co.

INDIANA.

BRAZIL—McNutt & McConnell Co.
FORT WAYNE—Moellering's Wm. Sons.
HILLSDALE—Lanyon D. N.
LOOGOOTEE—Loogootee Fire Clay Prods. Co.
MONTEZUMA—Burns & Hancock Fire Brick & Clay Co.

IOWA.

MASON CITY—Mason City Clay Works
VAN METER—Platt Pressed & Fire Brick Co.

KANSAS.

WICHITA—Wichita Silex Brick Co.

KENTUCKY.

ASHLAND—Ashland Fire Brick Co.
HIGHLAND PARK—Louisville Fire Brick Works
LOUISVILLE—Bannon P. Pipe Co.
Louisville Fire Brick Works
OLIVE HILL—General Refractories Co.

MAINE.

PORTLAND—Winslow & Co.

MARYLAND.

BALTIMORE—Baltimore Retort & Fire Brick Co., cor Hull & Nicholson
FROSTBURG—Big Savage Fire Brick Co.
Savage Mountain Fire Brick Co.
MOUNT SAVAGE—Union Mining Co. of Alleghany County
NORTH EAST—Green Hill Fire Brick Co.
North East Fire Brick Co.
United Fire Brick Co.
SALISBURY—Salisbury Brick Co.

MASSACHUSETTS.

BOSTON—Eastern Clay Goods Co., 141 Milk
Fiske & Co., 25 Arch
DIGHTON—Dighton Stove Lining Co.
TAUNTON—Presbrey Stove Lining Co.
Union Stove Lining Co.
Williams Stove Lining Co.

MICHIGAN.

DETROIT—Bellevue Furnace Co. (Special) 703 Bellevue av
Holmes F. B. & Co., Penobscot
Humphreys E. C. Co., Book bldg
Little Chas. H. Co., Dock River Rouge
Woodison E. J. Co.
IONIA—Ionia Pottery Co.

MINNESOTA.

MINNEAPOLIS—Northwestern Fireproofing Co., Kasota blk
NEW ULM—Aufderheide Fred

MISSOURI.

FULTON—Fulton Fire Brick Co.
KANSAS CITY—Dickey W. S. Clay Mfg. Co., N. Y. Life bldg.
Hydraulic Press Brick Co., Rialto bldg, Kansas City, Mo.
MEXICO—Green A. P. Fire Brick Co.
ST. LOUIS—Evens & Howard Fire Brick Co, 920 Market
Laclede-Christy Clay Products Co., Manchester & Sulphur avs
Mississippi Glass Co., 4070 N Main
Missouri Fire Brick Co., 411 Olive
Mitchell Clay Mfg. Co., 5627 Manchester av
Parker-Russell Mining & Mfg. Co., Laclede Gas Light bldg
St. Louis Vitrified & Fire Brick Co., Wainwright bldg
Walsh Fire Clay Products Co., 4070 No Main

NEBRASKA.

BEATRICE—Beatrice Brick Works

NEW JERSEY.

CAMDEN—Reeves Augustus
JERSEY CITY—Gautier J. H. & Co., Greene
MAURER—Maurer Henry & Son (All Kinds for Steel, Iron, Copper & Glass Works, Blast Furnaces, Rolling Mills, etc)
NEWARK—Sayre Jas. R. Jr. & Co., River
PERTH AMBOY — **DIDIER-MARCH CO.** ("Didier" All Kinds, For Steel, Iron, Copper, Glass Blast Furnace, Rolling Mills, Gas Plants, Power Plants, etc).
Ostrander Fire Brick Co.
SAYREVILLE—Sayre & Fisher Co. (see New York City)
SOUTH AMBOY—South Amboy Terra Cotta Co.
TRENTON—Chambers A. Reeder
Trenton Fire Clay & Porcelain Co.
WOODBRIDGE—Berry James E.
Mutton Hollow Fire Brick Co.
Valentine M. D. & Bro. Co.

NEW YORK.

BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Hall & Sons

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Brooklyn Fire Brick Works, 88 Van Dyke
Greenpoint Fire Brick Co., 111 Clay

Boroughs of Manhattan and Bronx.

NEW YORK—American Arch Co., 30 Church
American Enameled Brick & Tile Co., 52 Vanderbilt av
ATLANTA TERRA COTTA CO., 1170 B'way.
General Refractories Co., 111 B'way
Marcy Stove Repair Co., 74 Beekman
Maurer Henry & Son (All Kinds for Steel, Iron Copper & Glass Works, Blast Furnaces Rolling Mills, etc), 420 E 23d
National Fire Proofing Co., Flatiron bldg
Ostrander Fire Brick Co., 13 Park Row
Perth Amboy Fire Brick Co., 114 Liberty. Works: Perth Amboy, N. J.
Sayre & Fisher Co. (For All Purposes), 261 B'way

Borough of Richmond.

KREISCHERVILLE—Kreischer Brick Mfg. Co.

(End of New York City)

ROME—Betson Plastic Fire Brick Co.
SYRACUSE—Pack Geo. W. & Son
Robinson Clay Product Co.
TROY—McLeod & Henry Co. ("Steel Mixture" High Grade) 360 1st
Ostrander Fire Brick Co.

NORTH CAROLINA.

POMONA—Pomona Terra Cotta Co.

NORTH DAKOTA.

DICKINSON—Dickinson Fire & Pressed Brick Co.
HEBRON—Hebron Fire & Pressed Brick Co.

OHIO.

AKRON—American Sewer Pipe Co.
Robinson Clay Product Co.
CANTON—C. & B. Clay Co., Canton, O.
CINCINNATI—Taylor Chas. Sons Co. (& Fire Tile), 710 Burns
Metropolitan Paving Brick Co., Canton, O
CLEVELAND—Dover Fire Brick Co., Cuyahoga bldg
Federal Refractories Co.
Knauff & Esterbrook
National Fire Proofing Co., 836 Guardian bldg.
Shepard J. J., 1078 River av N. W.
Stowe-Fuller Co., Rockefeller bldg
COAL GROVE—Petersburg Fire Brick & Tile Co.
COLUMBUS—Claycraft Brick Co. ("Indian Brand")
Columbus Brick & Terra Cotta Co.
Columbus Fire Brick Co., Hartman bldg, Columbus, O.
Keener Sand & Clay Co., Hartman bldg, Columbus, O.
DELAWARE—Delaware Clay Mfg. Co.
ELFORT—Portsmouth Refractories Co.
EMPIRE—Minor Firebrick Co.
Standard Fire Brick Co.
Stratton Fire Clay Co.
IRONDALE—East Ohio Sewer Pipe Co.
Standard Fire Brick Co.
IRONTON—Ashland Fire Brick Co.
LOGAN—Logan Clay Product Co.
MAGNOLIA—Greer-Beatty Clay Co.
MALVERN—Malvern Fire Clay Co.
MARIETTA—Cisler Thos. & Co.
MASSILLON—Everhard Co.
Massillon Stone & Fire Brick Co.
MILLERSBURG—Millersburg Brick & Tile Co.
MINERAL CITY—Federal Clay Product Co.
Holden Clay Products Co.
NILES—Niles Fire Brick Co.
OAK HILL—Aetna Fire Brick Co.
Davis Fire Brick Co.
Diamond Brick Co. (Wire Cut)
Oak Hill Fire Brick & Coal Co.
Ohio Fire Brick Co.
Pyro Clay Products Co.
PORTSMOUTH—Carlyle Paving Brick Co.
Kentucky Fire Brick Co.
Portsmouth Refractories Co.
SCIOTOVILLE—Scioto Firebrick Co.
STRASBURG—Columbia Fire Brick Co.
Dover Fire Brick Co.
National Fire Brick Co.
TORONTO—Toronto Fire Clay Co.
UHRICHSVILLE—Buckeye Fireclay Co.
Robinson & Son Sewer Pipe Co., Uhricksville, O.

PENNSYLVANIA.

BEECH CREEK—Penna. Fire Brick Co.
BOLIVAR—Gardner Jas. Jr. Co.
Soisson Joseph Fire Brick Co.
Vulcan Refractories Co.
CAMERON—Clay Products Co., Cameron, Pa.
CATASAUQUA—Lehigh Fire Brick Works
CLAYSBURG—Standard Refractories Co. (Silica)
CLEARFIELD—Clearfield Fire Brick Co.
Climax Fire Brick Co. (Refractory Climax), Clarion Co., Pa.
CONNELLSVILLE — Soisson Jos. Fire Brick Co.
COURTNEY—Courtney Firebrick Co.
CURWENSVILLE — Bickford Fire Brick Co.
DARLINGTON—Darlington Brick & Mining Co.
DUBOIS—DuBois Clay Mfg. Co.
DUNBAR—United Fire Brick Co.
CAMERON—Clay Prods. Co., Emporium, Pa.
GLEASONTON—North Bend Fire Brick Co.
JOHNSTOWN—Haws A. J. & Sons, (Ltd.)
Swank's Hiram Sons
LATROBE—McFeely Brick Co.
LAYTON—Kier Fire Brick Co.

LOCK HAVEN—Lock Haven Fire Brick Co.
Queen's Run Fire Brick Co.
LOCKPORT STATION — Gardner James Jr. Co.
MEYERSDALE—Savage Fire Brick Co.
MILL HALL—Mill Hall Brick Works
MONACA—Welch-Bright Co.
MONONGAHELA — Courtney Fire Brick Co.
Monongahela Clay Mfg. Co.
MOUNT BRADDOCK—Eureka Fire Brick Works
MOUNT UNION—Mount Union Refractories Co.
NEW BRIGHTON—Brighton Fire Brick Co.
Fallston Fire Clay Co.
Ingram & Co.
Smith A. F. Co.
Standard Fire Clay Co.
NEWCASTLE—Newcastle Portland Cement Co.
ORVISTON—Hayes Run Fire Brick Co. (Difficult Shapes a Specialty)
OSCEOLA MILLS—Osceola Silica & Fire Brick Co.
PATTON—Good Geo. S. Fire Brick Co.
Patton Clay Mfg. Co.
PHILADELPHIA—Borgner Cyrus Co., 234 N 23d
Hydraulic Press Brick Co., Real Estate Trust bldg.
Hyzer & Lewellen, 952 N 9th
McHenry James, 2310 Washington av
Mack Mfg. Co., Lincoln bldg
Maurer Henry & Son, Penna. bldg
National Fire Proofing Co., Land Title bldg
Phila. Clay Material Co., 4629 W Girard av
Phila. Fire Brick Works, 2306 Vine
Remmey Rich. C. Son Co., Hedley & Delaware
PITTSBURGH—Blackfox Brick Co., 111 Market
Fallston Fire Clay Co., Oliver bldg
Gloninger & Gloninger (North Savage)
Harbison-Walker Refractories Co. (All Kinds & Shapes for All Purposes). Farmers' Bank bldg

"Salina"
"Lyon"
"Yough"
"Ganister Rock"
Established 1845 Manufacturers of Pittsburgh, Pa.
HIGH GRADE FIRE CLAY AND SILICA BRICK

McFeely Brick Co., 1st Natl. Bank bldg
McLain Fire Brick Co., Fulton bldg
Mack Mfg. Co., Arrott bldg
Manown Mfg. Co. (Also Sleeves, Nozzles & Runner, etc, for Open Hearth & Bessemer Steel Works, etc), Oliver bldg
National Fire Proofing Co., Fulton bldg
Pittsburgh Clay Product Co., Keenan bldg
Savage Mountain Fire Brick Co., 2nd National Bank bldg
Standard Firebrick Co., Diamond Bank bldg
Union Mining Co., Oliver bldg
United Fire Brick Co., Arrott bldg
Vanport Brick Co., Farmers Bk bldg
West Virginia Fire Clay Mfg. Co., Diamond Bank bldg
READING—Fox E. S. & Co.
Reading Fire Brick Works
RENOVA—West Branch Fire Brick Co.
ROBINSON—Garfield Fire Clay Co. (Also Sleeves, Nozzles & Runner, etc, for Open Hearth & Bessemer Steel Works, etc)
ROYERSFORD—Rogers & Co.
Thomas, Buckwalter & Co.
ST. MARYS—Elk Fire Brick Co.
SALINA—Kier Firebrick Co.
SCRANTON—Wagner Fire Brick Co., Scranton, Pa.
SHARON—Sharon Fire Brick Co.
SNOW SHOE—Snow Shoe Fire Brick Co.
SOUTH FORK—South Fork Fire Brick Co.
UNIONTOWN—United Fire Brick Co.
WILLIAMS—Savage Fire Brick Co.
WILLIAMSPORT—Burns Fire Brick Co.
YORK—Barnitz Geo. A.

SOUTH CAROLINA.

KILLIAN—Killian Fire Brick Corp.

TENNESSEE.

CHATTANOOGA—Chattanooga Sewer Pipe & Fire Brick Co.
Southern Clay Mfg. Co.
Walsh & Weidner Boiler Co.
See adv index at end of book

TEXAS.

ATHENS—Athens Brick & Tile Co.
ELMENDORF—Star Clay Products Co.

UTAH.

OGDEN—Ogden Sewer Pipe & Clay Co.

VERMONT.

RUTLAND—Rutland Fire Clay Co. ("Rutland")

WASHINGTON.

SEATTLE—Denny-Renton Clay & Coal Co.
SPOKANE—American Fire Brick Co.
Washington Brick, Lime & Sewer Pipe Co.

WEST VIRGINIA.

CLARKSBURG—Thornton Fire Brick Co.
FAIRMONT—Hammond Fire Brick Co.
NEW CUMBERLAND—Acme Fire Clay Works
Claymont Brick Works
Freeman Fire Brick Co.
Mack Mfg. Co.
THORNTON—Thornton Fire Brick Co.

1426— Brick (Fire Flashed)

Claycraft Brick Co. ("Raglan") Columbus, O.
Federal Clay Product Co., Mineral City, O.
Golden Fire Brick Co., Denver, Col.
Hydraulic-Press Brick Co. ("Hy-Tex"), St. Louis, Mo.
Ironclay Brick Co., Columbus, O.
Progress Press Brick & Machine Co., King's Highway nr Arsenal, St. Louis, Mo.
Sayre & Fisher Co., 261 Broadway, N. Y.

1427—*Brick (Forging Furnace)

Standard Refractories Co., Claysburg, Pa.
Thomas Moulding Brick Co., 1203 Chamber of Comm., Chicago, Ill.
See adv index at end of book

1428— *Brick (Foundry)

Standard Refractories Co., Claysburg, Pa.
Thomas Moulding Brick Co., 1203 Chamber of Comm., Chicago, Ill.
See adv index at end of book

1429— Brick (Front)

Firms indicated by a dagger (†) in front of their name manufacture both Standard & Roman sizes.

Manufacturers of Ornamental shapes are indicated thus (Also Ornamental) between their name and address.

CONSULT INDEX OF CONTENTS FOR OTHER BRICK & CLAY PRODUCTS

ALABAMA.

BIRMINGHAM — Copeland - Inglis Shale Brick Co.

ARIZONA.

TUCSON—Tucson Pressed Brick Co.

ARKANSAS.

MALVERN—Clark Pressed Brick Co.

CALIFORNIA.

LOS ANGELES — California Ornamental Brick Co.
Furlow Pressed Brick Co., 3001 San Pedro
†Los Angeles Pressed Brick Co. (All Shapes & Colors)
MODESTO—Modesto Repressed Brick Co.
NILES—Cal. Pressed Brick Co.
SAN FRANCISCO—Clark N. & Sons, 116 Natoma
†Gladding, McBean & Co. (Buff & Ornamental), Crocker bldg
Pratt Building Material Co., Hearst bldg
United Materials Co. (Ornamental), 618 Mission
STOCKTON—San Joaquin Brick Co.

COLORADO.

BOULDER—Boulder Pressed Brick & Lumber Co.
DENVER—Colfax Pressed Brick Co.
Denver Pressed Brick Co. (Standard & Ornamental)
Denver Sewer Pipe & Clay Co.
PUEBLO—Standard Fire Brick Co.
Summit Pressed Brick & Tile Co.

CONNECTICUT.

BERLIN—Merwin C. P. Brick Co.
HARTFORD — Hartford Faience Co. (Enameled)
NEW HAVEN—Davis Wm. E. & Co.
Howard Co.
Montowese Brick Co.
Stiles I. L. & Son Brick Co.

DISTRICT OF COLUMBIA.

WASHINGTON—Virginia Brick Co., Colorado bldg
Walker W. T. Brick Co., Corcoran bldg
Washington Brick & Terra Cotta Co., 911 H N W
West Bros. Brick Co., National Savings & Trust bldg

FLORIDA.

TALLAHASSEE — Tallahassee Pressed Brick Co.

GEORGIA.

GRIFFIN—Griffin Press Brick Co.
MACON—Standard Brick Co. ("Cravenette," Impervious, etc)
Stevens H. Sons Co.
MILLEDGEVILLE—Oconee Brick & Tile Co.
ROME—Trammell & Son (Mottled Colors)
SAVANNAH—Savannah Brick Co.

ILLINOIS.

ALTON—Alton Brick Co.
BELLEVILLE—Belleville Brick & Tile Co. (Red, Pressed & Ornamental)
BLOOMINGTON — Bloomington Pressed Brick Co.
CHICAGO—Bach Brick Co., 2647 Montrose av
Chicago Brick Co., 38 S Dearborn
Dee Wm. E. Co., 30 N La Salle
Hydraulic-Press Brick Co. ("Hy-tex," also Ornamental), Chamber of Commerce bldg
Illinois Brick Co., 111 W Wash.
Kimbell S. S. Brick Co., 133 W Washington
National Brick Co., 118 N La Salle
Sexton Jno. M. L., 1459 Michigan av
COLLINSVILLE—Hydraulic-Press Brick Co. ("Hy-tex" Works)
DANVILLE—Western Brick Co. (Red & Brown Wire Cut, Colonial Brick)
DECATUR—Ammann & Co.
EDWARDSVILLE—Richards Brick Co.
HAMPSHIRE—Backus & Sholes
LA SALLE—†La Salle Pressed Brick Co. (Buff, Red, etc)
MASCOUTAH—National Pressed Brick Co.
NASHVILLE—Nashville Press Brick Co.
OLNEY—Olney Paving Brick & Tile Mfg. Co.
QUINCY—Gem City Press Brick Co.
STREATOR—Barr Clay Co.
Streator Brick Co.

INDIANA.

ANDERSON—Indiana Brick Co. (Sand Moulder Face)
BRAZIL—Brazil Clay Co. (Buff Iron Spot, etc)
Brazil Face Brick Co.
Hydraulic-Press Brick Co. ("Hy-tex" Works)
BROOK—Brook Terra Cotta, Tile & Brick Co.
CAYUGA—Acme Brick Co. (Impervious Shale Face Brick)
HUNTINGBURG—Huntingburg Dry Press Brick Co.
INDIANAPOLIS—
Hydraulic-Press Brick Co. ("Hy-tex," also Ornamental), Board of Trade bldg
NEW ALBANY—Goetz Pressed Brick Co. (Red & Colors)
PORTER — Hydraulic-Press Brick Co. ("Hy-tex" Works)

IOWA.

BOONE—Boone Brick, Tile & Paving Co. (Vitrified)
DAVENPORT—Hydraulic-Press Brick Co. ("Hy-tex," also Ornamental)
DES MOINES—Des Moines Clay Co.
Enamel Concrete Brick Co.
Maine James & Sons Co. (Sand Mold)
GLADBROOK—Gethmann Brick Co.
LEHIGH—Campbell James
Lehigh Clay Products Co.
MASON CITY—American Brick & Tile Co.
Mason City Clay Works
MONTICELLO—Dautremont Frank
VAN METER—Platt Pressed & Fire Brick Co.

KANSAS.

BUFFALO—Buffalo Brick Co.
BUFFVILLE—Kansas Buff Brick & Mfg. Co.
CHANUTE—Kansas Vitrified Brick Co.
COFFEYVILLE—Coffeyville Shale Products Co.
Coffeyville Vitrified Brick & Tile Co.
IOLA—Iola Brick Co. (Repressed, etc)
TOPEKA—Capital City Vitrified Brick & Paving Co.

KENTUCKY.

COVINGTON—Busse Brick Co.
FULTON—Bransford G. H. & Son
LEXINGTON—Lexington Brick Co.
LOUISVILLE—Southern Brick & Tile Co.
MAYSVILLE—Sphar Brick Co.
NEWPORT—Newport Pressed Brick & Stone Co.

LOUISIANA.

BATON ROUGE—Baton Rouge Brick Yard
NEW ORLEANS—Ford F. Codman, ("Hy-Tex" Agency) (also Ornamental) 738 Union av
Salmen Brick & Lumber Co. (Ltd.) Whitney bldg

When writing to firms whose names appear in this book please mention
HENDRICKS' COMMERCIAL REGISTER.

MAINE.

SACO—Saco Brick Co.
WATERVILLE—Purinton Horace Co.

MARYLAND.

BALTIMORE—Baltimore Brick Co. (Red) Maryland Trust bldg
Hydraulic-Press Brick Co. ("Hy-tex," also Ornamental), Title bldg
Independent Brick Co., Maryland Trust bldg
CUMBERLAND—Queen City Brick & Tile Co.
HAGERSTOWN—Hancock Shale Brick Co. (Colonial & Pressed)
ST. MICHAELS—Hope Clifton
SALISBURY—Salisbury Brick Co.

MASSACHUSETTS.

BOSTON—Boston Brick Co.
Fiske & Co. ("Tapestry," "Caledonian." All Colors & Shapes), 25 Arch
Phila. & Boston Face Brick Co. (Light & Red), 155 Milk
IPSWICH—Brown Walter G.
NORTHAMPTON—Bailey W. A.

MICHIGAN.

DETROIT—Clippert Geo. H. & Bro. Brick Co., 161 Virginia pk
Holmes B. F. & Co., Penobscot bldg
Michigan Pressed Brick Co., 480 Lawton
Puritan Brick & Tile Co., Farewell bldg
IONIA—Vander Heyden Fred H.
OXFORD—Michigan Pressed Brick Co.
ZEELAND—Zeeland Brick Co.

MINNESOTA.

CHASKA—Chaska Brick & Tile Co. (Sand Mould Veneers)
COON CREEK—Hydraulic-Press Brick Co. ("Hy-Tex" Works)
DRESBACH—Remp R.
MINNEAPOLIS—Hydraulic-Press Brick Co. ("Hy-tex," also Ornamental), 211 S Fourth
Wisconsin Red Pressed Brick Co., Lumber Exchange
NEW ULM—Aufderheide Fred
ST. PAUL—Chaska Brick & Tile Co. (Veneer), Ryan bldg
Twin City Brick Co. (Buff, Red & Ornamental), Capital Bank bldg
SHAKOPEE—Schroeder Brick & Lime Co.
SPRINGFIELD—Ochs A. C. Brick & Tile Co.
WARREN—Lundgren Edward
WRENSHALL—Hydaulic-Press Brick Co. ("Hy-tex" Works)

MISSISSIPPI.

BROOKHAVEN — Brookhaven Pressed Brick & Mfg. Co. (All Colors)
YAZOO CITY—Montgomery Land Co.

MISSOURI.

BRUNSWICK—Brunswick Brick & Tile Co
CAPE GIRARDEAU — Cape Girardeau Press Brick Co.
DIAMOND—Hydraulic-Press Brick Co. ("Hy-tex" Works)
FESTUS—Festus Pressed Brick Co.
JACKSON—Kasten & Schmuke Pressed Brick Co.
KANSAS CITY—Flanagan-Zeller Brick & Mfg. Co.
Hydraulic-Press Brick Co. ("Hy-tex," also Ornamental), Rialto bldg.
Pittsburgh Paving Brick Co. (Red Buff)
LEXINGTON—Lexington Triumph Press Brick Co.
ST. CHARLES—St. Charles Brick Co.
ST. LOUIS—College Hill Press Brick Co., 1400 College av
Continental Brick Co. (Red Pressed), Wright bldg
Enterprise Brick Works Co. (Red Pressed), 207 N 8th
Excelsior Press Brick Co., 1010 Chestnut
Hydraulic-Press Brick Co. ("Hy-tex," also Ornamental), Central Nat. Bk. bldg. (Home Office & Works, 8 Plans)
Illinois Supply & Construction Co.
†Ittner Anthony Brick Co. (Red & Ornamental), Odd Fellows bldg
Missouri Press Brick & Improvement Co., Marine av c Osage
National Pressed Brick Co., 407 N 8th
Progress Press Brick & Machine Co. (All Colors & Shapes), King's Highway, nr Arsenal
St. Louis Press Brick Co.
Superior Press Brick Co., 3190 S King's Highway

MONTANA.

ANACONDA—Anaconda Copper Mining Co.

NEBRASKA.

AVERY—Hydraulic-Press Brick Co. ("Hy-tex" Works)
HASTINGS—Polenske Bros., Schellak & Co.
LINCOLN—Yankee Hill Brick Mfg. Co.
OMAHA—Hydraulic-Press Brick Co. ("Hy-tex" also Ornamental)
Smith Brick Co.

NEVADA.

RENO—Reno Pressed Brick Co.

NEW HAMPSHIRE.

GONIC—Boston Brick Co.

NEW JERSEY.

HACKENSACK—Hackensack Brick Co.
LITTLE FERRY—Mehrhof Brick Co.
NEWARK—Sayre Jas. R., Jr. & Co., River
OLD BRIDGE—Old Bridge Enameled Brick & Tile Co. (Enameled)
SAYREVILLE—Sayre & Fisher Co. (See New York City)
SOUTH RIVER—Pettit & Co
South River Brick Co.
TRENTON—Applegate Joseph
Donahoe & Nolan

NEW YORK.

ALBANY—Smith, Edw. J.
BUFFALO—Brush Bros. (Buff, Red & Ornamental), Bailey av, nr Erie R. R.
Jewettville Brick Co., Builders Exchange
Lancaster Brick & Tile Co., Builders' Exchange
Lyth A. & Sons Co., 48 W Eagle
Lyth Tile Co., 202 Pearl
Schmidt G. W., 180 Linwood av
JAMESTOWN—Jamestown Shale Paving Brick Co.

NEW YORK CITY.

Boroughs of Manhattan and Bronx.

NEW YORK—Chestnut Ridge White Brick Co. (Impervious Buff, Cream, White & Pink), 7 W 45th
Fiske & Co. ("Fisklock" "Tapestry," "Caledonian," "Harvard" all Colors & Shapes), 40 W. 32d
Fredenburg & Lounsbury (Mfrs. Agts), 381 4th av, New York
Sayre & Fisher Co. (Various Colors, Plain & Ornamental), 261 B'way

Borough of Richmond.

KREISCHERVILLE — Kreischer Brick Mfg. Co., (Buff, Mottled & Ornamental, All Kinds)

(End of New York City)

OLEAN—Olean Pressed Brick Co.
ROCHESTER—Rochester Composite Brick Co.
Rochester German Brick & Tile Co.
SYRACUSE—Merrick C. H.
Onondaga Vitrified Brick Co.

NORTH CAROLINA.

CHARLOTTE—Charlotte Brick Co.
ELIZABETH CITY—Elizabeth City Brick Co.
POMONA—Pomona Terra Cotta Co.

OHIO.

AKRON—Akron Brick & Tile Co.
Akron Vitrified Clay Mfg. Co.
McCausland Bros.
ALLIANCE—Alliance Brick Co.
ATHENS—Athens Brick Co.
BATAVIA—Clermont Brick Co.
CANTON—Belden Brick Co.
Metropolitan Paving Brick Co., Canton, O.
CINCINNATI—Moores-Coney Co., St. Paul bldg
Suer B. & Sons, 1938 Duck Creek rd
Suer Herman & Sons, Marburg av & Hyde Park
CLEVELAND—Barkwill Farr Co., Leader News bldg
Cleveland Brick & Clay Co., B. of L. E. bldg
Hydraulic-Press Brick Co. ("Hy-tex," also Ornamental), 900 Schofield
Ohio Clay Co. (Hollow & Face Brick)
Valley Shale Brick Co. (Wire Cut)
CLINTON—Belden Brick Co.
COLUMBUS—Claycraft Brick Co. ("Indian Brand" Velour, Red, Brown, Gun Metal & Chocolate)
Columbus Brick & Terra Cotta Co. (Fancy, Buff & Grey Speckled)
Ferris Warren B. Brick Co. ("Mikado")
Hocking Valley Products Co. ("Greendale Rug")
Ironclay Brick Co. ("Flashed," etc)
COSHOCTON—Coshocton Brick Co. (Non-Spot, etc)
DELAWARE—Delaware Clay Mfg. Co.
EIFORT—Portsmouth Refractories Co. (See Portsmouth)
HAMILTON—Hamilton Brick Co.
HANOVER—Hanover Red Pressed Brick Co.
LOGAN—Logan Clay Product Co. ("Logan," Glazed Vitrified)
LOUISVILLE—Louisville Brick & Tile Co.
McARTHUR—McArthur Brick Co. (Red, Buff, Brown, Grey, etc)
MARIETTA—Acme Brick Co.
Cisler Thos. & Co.
MASSILLON—Everhard Co.
Massillon Brick Co.
MIDDLETOWN—Smith Wm. & Co. (Buff Only)
MINERAL CITY—Federal Clay Product Co. ("Sparta" Impervious Buff, Mottled, Flashed, Plain or Glazed)
Holden Clay Products Co. (Buff, Mottled, etc)
MOGADORE—Colonial Pressed Brick Co.
NEW LEXINGTON—New Lexington Clay Mfg Co.
NEW STRAITSVILLE—Straitsville Impervious Brick Co.
PORTSMOUTH—Portsmouth Paving Brick Co. (Red)
Portsmouth Refractories Co.
ROSEVILLE—Hydraulic-Press Brick Co. ("Hy-tex," also Ornamental)
SOUTH PARK—Hydraulic-Press Brick ("Hy-tex," Works)
STEUBENVILLE—Nicholson Brick Co.
STRASBURG—Columbia Fire Brick Co. (Buff)
National Fire Brick Co.
TOLEDO—Hydraulic-Press Brick Co. ("Hy-tex," also Ornamental), Ohio bldg
TORONTO—Toronto Fire Clay Co. (Buff, Vitrified)
UHRICHSVILLE—Buckeye Fireclay Co.
Evans Clay Mfg. Co.
WADSWORTH—Wadsworth Brick & Tile Co.
WARREN—Warren Brick & Tile Co.

OKLAHOMA.

McALESTER—Choctaw Pressed Brick Co.
MANGUM—Mangum Pressed Brick Co.
SAPULPA—Sapulpa Pressed Brick Co.

PENNSYLVANIA.

ALTOONA—Altoona Brick Co.
AUBURN—Auburn Shale Brick Co. (Red Shale Repressed & "Smyrna" Round Edge Face Brick)
BOSTON—Harper C. M. C.
BRADFORD—†Alumina Shale Brick Co. (Red Pressed & Ornamental)
Bradford Pressed Brick Co. (Red) Pressed & Ornamental)
Kittanning Clay Products Co.
CHESTER—Fields Brick Co.
CLEARFIELD—Clearfield Clay Working Co.
Clearfield Fire Brick Co.
COWAN — Hydraulic-Press Brick Co. ("Hy-tex" Works)
DARLINGTON—Darlington Brick & Mining Co. (Buff & Red)
DUBOIS — Hydraulic-Press Brick Co. ("Hy-tex," also Ornamental)
FALLS CREEK—Hydraulic-Press Brick Co. ("Hy-tex" Works)
HANOVER—Snyder Edw. H.
KITTANING—Kittaning Brick & Fire Clay Co. (Buff, etc)
KUSHEQUA—Kushequa Brick Co. (Oxblood, Red, Devonshire & Repressed)
LANSDALE—Scholl Bros.
LEHIGHTON—Graver, H. A.
MILL HALL—Mill Hall Brick Wks (Red)
MILTON—Milton Brick Co., Milton, Pa.
MONESSEN—Monessen Brick Works
MONONGAHELA—Monongahela Clay Mfg. Co.
NEW BRIGHTON—Fallston Fire Clay Co. (Buff, Ornamental, etc)
Ingram & Co.
NEW GALILEE—Beaver Clay Mfg. Co.
OSCEOLA MILLS—Osceola Silica & Fire Brick Co.
PATTON—Good Geo. S. Fire Brick Co.
Patton Clay Mfg. Co.
PHILADELPHIA—Equitable Brick Mfg. Co., Perry bldg
Hamburg Vitrified Brick Co., 20th & Sedgley
Hydraulic-Press Brick Co. ("Hy-tex," also Ornamental), Real Estate Trust bldg
†Jarden Brick Co. (Red & Ornamental), Land Title bldg
Ketcham O. W., 24 S 7th
Mack Mfg. Co., Lincoln bldg
PITTSBURGH—Fallston Fire Clay Co. (Buff, Ornamental, etc), Oliver bldg
Gloninger & Co., Arrott bldg
Kittaning Brick & Fire Clay Co. ("Kittaning," Buff, Grey & Mottled, Standard & Roman Shapes), Empire bldg
Mack Mfg. Co., Arrott bldg
Martin Brick Co., Empire bldg
Star Works, 22nd & Railroad
United States Sewer Pipe Co.
Vanport Brick Co., Farmers Bank bldg
Walker, Hay Brick Co., Farmers Bank bldg
Westmoreland Brick Co. (Buff), 2nd National Bank bldg
Yingling Martin Brick Co. (Art Brick)
READING—Moyer & Co.
Reading Shale Brick Co.
RIDGWAY—Ridgway Brick Co. (Red, etc)
ST. MARY'S—Elk Brick Co.
SCHUYLKILL HAVEN—Schuylkill Pressed Brick Co.
SHAMOKIN—Union Brick Co. (Buff & Red)
UNIONTOWN—United Fire Brick Co. (Buff, etc)
Williams J. V.

SOUTH CAROLINA.

SUMMERVILLE—Summerville Brick Co.
SUMTER—Sumter Brick Works

SOUTH DAKOTA.

SIOUX FALLS—Sioux Falls Pressed Brick Co.

TENNESSEE.

CHATTANOOGA — Chattanooga River Brick Co.
Key-James Brick Co. (All Colors), Chattanooga, Tenn.
Southern Clay Mfg. Co.
DYERSBURG—Nichols J. M.
JOHNSON CITY—Kingsport Brick Corp.
MEMPHIS—South Memphis Brick Co. (Red)
NASHVILLE—Bush Building Co.
Fulcher Brick Co.

TEXAS.

ATHENS—Coleman Chas. H.
CALAVERAS—Mackey Brick & Tile Mfg. Co.
DALLAS—Atlas Press Brick Works
EL PASO—El Paso Brick Co.
FERRIS—Ferris Pressed Brick Co.
Lone Star Pressed Brick Co.
FORT WORTH—Acme Brick Co.
GAINESVILLE—Gainesville Brick Co.
HOUSTON—Butler Brick Works
SAN ANTONIO—Mackey Brick & Tile Mfg. Co., San Antonio, Tex.

UTAH.

PROVO—Provo Pressed Brick Co.
SALT LAKE CITY—Salt Lake Pressed Brick Co.

VIRGINIA.

NORFOLK—Lawrenceville Brick & Tile Co.
Nansemond River Brick & Tile Co.
RICHMOND—Burroughs & Mankin
WATERLOO—Hydraulic-Press Brick Co. ("Hy-tex" Works)

WASHINGTON.

SEATTLE—Abrahamson A. Brick Co.
Denny-Renton Clay & Coal Co. (Plain & Ornamental)
Harper-Hill Brick Co.
SPOKANE—American Fire Brick Co. (Mica Dry Pressed Brick Yards)
Washington Brick, Lime & Sewer Pipe Co. (White & Cream Face Brick & Repressed Brick)
WALLA WALLA—Walla Walla Brick & Tile Co.

WEST VIRGINIA.

ELKINS—Elkins Brick Co.
HURRICANE—McCallister Wm. H.
NEW CUMBERLAND—Mack Mfg. Co. (Vitrified)

WISCONSIN.

BARRON—Barron Red Pressed Brick Co.
JANESVILLE—Freese Bros.
JEFFERSON—Jefferson Brick & Tile Mfg. Co.
MILWAUKEE—Standard Brick Co., 496 Clement av
RACINE—Hilker Bros. Brick Mfg. Co.
STEVENS POINT—Langenberg Wm. E.

1430-1-2—*Brick (Furnace Arch & Roof)

McLeod & Henry Co., 360 1st, Troy, N. Y.
Standard Refractories Co., Claysburg, Pa.
Thomas Moulding Brick Co., 1203 Chamber of Comm., Chicago, Ill.
See adv index at end of book

1433-4—Brick (Glass Furnace & Tank)

American Refractories Co., 208 So La Salle, Chicago, Ill.
Ashland Fire Brick Co., Ashland, Ky.
Bickford Fire Brick Co., Curwensville, Pa.
Gill Clay Pot Co., Muncie, Ind.
Glass Brick Co., 1st Nat Bnk Bldg, Cincinnati, O.
Harbison-Walker Refractories Co. (Silica), Farmers' Bank bldg, Pittsburgh, Pa.
Kier Fire Brick Co., Oliver, Pittsburgh, Pa.
See adv index at end of book
Portsmouth Refractories Co., Portsmouth, Ohio
Standard Refractories Co., Claysburg, Pa.
Thomas Moulding Brick Co., 1203 Chamber of Comm., Chicago, Ill.
See adv index at end of book
Walsh Fire Clay Products Co., 4070 No Main, St. Louis, Mo.

1435-6— Brick (Glazed)

American Enameled Brick & Tile Co., 52 Vanderbilt av, New York
Atlantic Terra Cotta Co., 1170 B'way, New York
Federal Clay Product Co., Mineral City, O.
Funsten Clay Products Co., 55 New Montgomery, San Francisco, Cal.
Golden Fire Brick Co., Denver, Colo.
Hydraulic-Press Brick Co. ("Hy-Tex"), Board of Trade bldg, Indianapolis, Ind.
Logan Clay Products Co. (Vitrified, Encaustic & Rock Faced), Logan, O.
Markley Geo. J., Mineral City, O.

1437—*Brick (Heating Furnace)

Standard Refractories Co., Claysburg, Pa.
Thomas Moulding Brick Co., 1203 Chamber of Comm., Chicago, Ill.
See adv index at end of book

1438-9— Brick (Hollow)

Akron Brick & Tile Co. (Shale), Akron, O.
American Brick & Tile Co., Mason City, Ia.
Brazil Clay Co., Brazil, Ind.
Chaska Brick & Tile Co., Ryan bldg, St. Paul, Minn.
Denver Sewer Pipe & Clay Co., Denver, Col.
Diamond Brick Co., Oak Hill, O.
Far West Clay Co., Tacoma, Wash.
Funsten Clay Products Co., 55 New Montgomery, San Francisco, Cal.
Gladding, McBean & Co., Crocker bldg, San Francisco, Cal. Works: Lincoln, Cal.
Golden Fire Brick Co., Denver, Colo.
Hanover Brick Co., Morristown, N. J.
Hydraulic-Press Brick Co., St. Louis, Mo.
Klein C. H. Brick Co., Chaska, Minn.
Lancaster Brick & Tile Co., Builders' Exchange, Buffalo, N. Y.
McCutcheon C. H., Lancaster, N. Y.
McEwing & Thomas Clay Products Co., Fullerton bldg, St. Louis, Mo.
Mason City Brick & Tile Co., Mason City, Iowa
Mason City Clay Works, Mason City, Ia.
Maurer Henry & Son, 420 E 23d, New York
Merrick C. H., Syracuse, N. Y.
Merwin C. P. Brick Co., Berlin, Conn.
Millersburg Brick & Tile Co., Millersburg, Ohio
National Fire Proofing Co., Fulton bldg, Pittsburgh, Pa.
Ochs A. C. Brick & Tile Co., Springfield, Minn.
Onondaga Vitrified Brick Co., Syracuse, N. Y.
Parker-Russell Mining & Mfg. Co., Laclede Gas Light bldg., St. Louis, Mo.
Penna Fire Proofing Co., Erie, Pa.
Portage Silica Co., Youngstown, O.
Rochester Brick & Tile Mfg. Co., Rochester, N. Y.
Sayre & Fisher Co., 261 B'way, New York
Sioux City Brick & Tile Co., Sioux City, Iowa
Standard Brick Co., Macon, Ga.
Troy Fireproofing Co., Troy, N. Y.
Whitacre Fire Proofing Co., Waynesburg, Ohio

1440— *Brick (Ladle)

Thomas Moulding Brick Co., 1203 Chamber of Comm., Chicago, Ill.
See adv index at end of book

1441—*Brick (Lead Softening Furnace)

Thomas Moulding Brick Co., 1203 Chamber of Comm., Chicago, Ill.
See adv index at end of book

1442— Brick (Lime Kiln)

American Refractories Co., 208 S La Salle, Chicago, Ill.
Ashland Fire Brick Co., Ashland, Ky.
Bickford Fire Brick Co., Curwensville, Pa
Brighton Fire Brick Co., New Brighton Pa.
Harbison-Walker Refractories Co., Farmers' Bank bldg, Pittsburgh, Pa.
Kier Fire Brick Co., Oliver bldg, Pittsburgh, Pa. *See adv index at end of book*
Maurer Henry & Son, 420 E 23d, New York
Portsmouth Refractories Co., Portsmouth, Ohio
Southern Fire Brick & Clay Co., 133 W Washington, Chicago, Ill.
Standard Refractories Co., Claysburg, Pa.
Thomas Moulding Brick Co., 1203 Chamber of Comm., Chicago, Ill.
See adv index at end of book

Brick (Locomotive Arch)

See Locomotive Tiles

1443— Brick (Magnesia)

American Refractories Co., 208 S La Salle, Chicago, Ill.
Federal Refractories Co., Cleveland, O.
General Refractories Co., 111 B'way, New York
Harbison-Walker Refractories Co., Farmers' Bank bldg, Pittsburgh, Pa.
Haws A. J. & Sons (Ltd.), Johnstown, Pa.
Mount Union Refractories Co., Mount Union, Pa.

1444— Brick (Magnesite)

American Refractories Co., 208 S La Salle, Chicago, Ill.
Atkins, Kroll & Co., 311 California, San Francisco, Cal.
Federal Refractories Co., Cleveland, O.
Harbison-Walker Refractories Co., Farmers' Bank bldg, Pittsburgh, Pa.
Mount Union Refractories Co., Mount Union, Pa.
Phoenix Iron Co. ("Metalcase"), 22 S 15th, Phila., Pa.
Standard Fire Brick Co., Pueblo, Col.
Stowe-Fuller Co., Rockefeller bldg, Cleveland, O

1445—Brick (Malleable Furnace Shapes)

Bickford Fire Brick Co., Curwensville, Pa.
Evens & Howard Fire Brick Co., 920 Market, St. Louis, Mo.
Harbison-Walker Refractories Co., Farmers' Bank bldg, Pittsburgh, Pa.
Pennsylvania Fire Brick Co., Beech Creek, Pa.
Portsmouth Refractories Co., Portsmouth, Ohio
Thomas Moulding Brick Co., 1203 Chamber of Comm., Chicago, Ill.
See adv index at end of book

1446-7—*Brick (Oil Heating Furnace)

Thomas Moulding Brick Co., 1203 Chamber of Comm., Chicago, Ill.
See adv index at end of book

1448— Brick (Pompeiian)

Firms indicated by a (†) in front of their name manufacture both Standard and Roman sizes
Everhard Co. (Mottled, etc), Massillon, O.
†Fallston Fire Clay Co. (Mottled & Ornamental), Oliver bldg, Pittsburgh, Pa.
Federal Clay Product Co., The (Mottled & Ornamental), Mineral City, O.
Gloninger & Co., Arrott bldg, Pittsburgh, Pa.
Golden Fire Brick Co. (Mottled & Ornamental), Denver, Colo.
†Ironclay Brick Co., Columbus, O.
†Jarden Brick Co. (Mottled & Ornamental), Land Title bldg, Phila., Pa.
Kreischer Brick Mfg. Co., Kreischerville, S. I., N. Y.
La Salle Pressed Brick Co., La Salle, Ill.
Powhattan Clay Mfg. Co., Richmond, Va.;
†Progress Press Brick & Machine Co. (Also Ornamental), Kingshighway nr Arsenal, St. Louis, Mo.
United Fire Brick Co., Uniontown, Pa.
Vanport Brick Co. (Standard Shapes Only), Farmers Bank bldg, Pittsburgh, Pa.

1449— Brick (Porcelain)

Sayre & Fisher Co. (Dull Finish, White), 261 B'way, New York
Union Porcelain Works (Lock Arch & Straight), 300 Eckford, Brooklyn, New York

1450— *Brick (Pottery Kiln)

Thomas Moulding Brick Co., 1203 Chamber of Comm., Chicago, Ill.
See adv index at end of book

1451-2—*Brick (Puddling Furnace)

Thomas Moulding Brick Co., 1203 Chamber of Comm., Chicago, Ill.
See adv index at end of book

1453—*Brick (Regenerator or Checker)

Didier-March Co. ("Didier") Perth Amboy, N. J.
Thomas Moulding Brick Co., 1203 Chamber of Comm., Chicago, Ill.
See adv index at end of book

Brick (Rock Faced)

See Steel Brick & Rock Face Siding

1454— *Brick (Rotary Kiln)

Thomas Moulding Brick Co., 1203 Chamber of Comm., Chicago, Ill.
See adv index at end of book

1454a— *Brick (Salt Glazed)

HOCKING VALLEY FIRE CLAY CO., Nelsonville, Ohio
Stark Brick Co., Canton, O.

1455— Brick (Sand Lime)

Belt Line Brick Co., Andrus bldg, Minneapolis, Minn.
Brown Stone Store Co., Waltonville, Pa.
Crume Brick Co., Dayton, O.
Menominee Brick Co., Menominee, Mich.
Minneapolis Sand-Lime Brick Co., 307 Kasota, Minneapolis, Minn.
Paragon Plaster Co., 300 W Water, Syracuse, N. Y.
Savannah Brick Co., Savannah, Ga.
Sioux Falls Pressed Brick Co., Sioux Falls, S. D.
Sugar Grove Brick Co., Columbus, O.
Wichita Silex Brick Co., Wichita, Kan.

1456— Brick (Silex)

Wichita Silex Brick Co., Wichta, Kans.

1457-8— Brick (Silica)

American Refractories Co., 208 S La Salle, Chicago, Ill.
Atkins, Kroll & Co., 311 California, San Francisco, Cal.
Blackfox Brick Co., 111 Market, Pittsburgh, Pa.
Diamond Fire Brick Co., Canon City, Col.
Didier-March Co. ("Didier"), Perth Amboy, N. J.
Everhard Co., Massillon, O.
Federal Refractories Co., Cleveland, O.
General Refractories Co., 111 B'way, New York
Golden Fire Brick Co., Denver, Col.
Harbison-Walker Refractories Co., Farmers' Bank bldg., Pittsburgh, Pa.
Haws A. J. & Sons, Johnstown, Pa.
Humphreys E. C. Co., Book bldg, Detroit, Mich.
Kier Fire Brick Co., Oliver bldg, Pittsburgh, Pa.
See adv index at end of book
Los Angeles Pressed Brick Co., Los Angeles, Cal.
McFeeley Brick Co., 1st Nat'l Bank bldg, Pittsburgh, Pa.
Mount Union Refractories Co., Mount Union, Pa.
Niles Fire Brick Co., Niles, O.
Osceola Silica & Fire Brick Co., Osceola Mills, Pa.
Perth Amboy Fire Brick Co., 114 Liberty, New York, & Perth Amboy, N. J.
Portsmouth Refractories Co., Portsmouth, O.
Soisson Jos., Fire Brick Co., Connellsville, Pa.
Standard Fire Brick Co., Pueblo, Col.
Standard Refractories Co. (Fire), Claysburg, Pa.
Stowe-Fuller Co., Rockefeller bldg, Cleveland, O.
Tift Silica Brick & Stone Co., Tifton, Ga.
United Fire Brick Co., Uniontown, Pa.
Washington Silicate Brick Co., Colorado bldg, Wash., D. C.

1459-60-1-2—*Brick (Soaking Pit)

Thomas Moulding Brick Co., 1203 Chamber of Comm., Chicago, Ill.
See adv index at end of book

Brick (Stove Lining)

See Stove Linings

1464— Brick (Velvet)

Claycraft Brick Co., Columbus, O.
Ferris Warren B. Brick Co. (& Plaid Nap), Columbus, O.

1465— Brick (Velvet-Nap)

Ferris Warren B. Brick Co., Columbus, O.

1466—Brick (Vitrified Paving)

Firms Indicated by a (*) Star, also Manufacture Paving Blocks

ALABAMA.

BIRMINGHAM — Copeland-Inglis Shale Brick Co.
Graves Shale Paving Brick Co.
COALDALE—*Southern Clay Mfg. Co (See Chattanooga, Tenn.)

ARKANSAS.

FORT SMITH—*Burke Brick & Tile Co.
LITTLE ROCK—*Arkansas Brick & Mfg. Co.

CALIFORNIA.

LOS ANGELES—Los Angeles Pressed Brick Co.
SAN FRANCISCO—Atlas Paving Brick Co., Hollister & Griffith
Clark N. & Son, 116 Natoma

COLORADO.

DENVER—Denver Sewer Pipe & Clay Co.

GEORGIA.

AUGUSTA—Georgia Vitrified Brick & Clay Co.

ILLINOIS.

ABINGTON—Abington Paving Brick & Tile Co.
ALBION—*Albion Vitrified Brick Co.
Albion Shade Brick Co.
ALTON—Alton Brick Co.
CHAMPAIGN—Sheldon Brick & Building Supply Co.
CHICAGO—Dee Wm. E. Co., 30 N La Salle
Garden City Sand Co., Chamber of Commerce bldg
Thomas Moulding Brick Co., 1203 Chamber of Comm.
See adv index at end of book
DANVILLE—*Danville Brick Co.
EDWARDSVILLE—Banner Clay Works
GALESBURG—*Purington Paving Brick Co.
MURPHYSBORO — Murphysboro Paving Brick Co.
OLNEY—Olney Paving Brick & Tile Mfg. Co.
PEORIA—Carter, F. R.
SPRINGFIELD—Springfield Paving Brick Co.
STREATOR—*Barr Clay Co.
Streator Clay Mfg. Co.
*Streator Paving Brick Co. (Side Cut, Repressed, etc)

INDIANA.

ATTICA—*Poston Clarence E.
BLOOMFIELD—*Bloomfield Brick Co.
BRAZIL—*Indiana Paving Brick & Block Co.
CLINTON—*Clinton Paving Brick Co.
CRAWFORDSVILLE — *Poston Paving Brick Co.
Standard Brick Co.
MARTINSVILLE—*Martinsville Brick Co.
MEDORA—Medora Shale Brick Co.
MONTEZUMA—Marion Brick Works
TERRE HAUTE—Terre Haute Vitrified Brick Co.
*Veedersburg Paver Co.

IOWA.

BOONE—*Boone Brick, Tile & Paving Co.
DES MOINES—Barber Asphalt Paving Co.
Des Moines Brick & Tile Co.
*Flint Brick Co.
Iowa Pipe & Tile Co.
GLADBROOK—Gethmann Brick Co.
MASON CITY—Mason City Clay Works
SIOUX CITY—Sioux City Brick & Tile Co.

KANSAS.

ATCHISON—Atchison Paving Brick Co.
BUFFALO—Buffalo Brick Co.
COFFEYVILLE—Coffeyville Shale Products Co.
Coffeyville Vitrified Brick & Tile Co.
Standard Vitrified Brick Co.
IOLA—Iola Brick Co.
Union Brick Co. (Repressed, etc)
LAWRENCE—Lawrence Vitrified Brick & Tile Co.
NEODESHA—Verdigris Valley Vitrified Brick & Tile Co.
PITTSBURGH—*Pittsburgh Paving Brick Co. (See Kansas City, Mo.)
SALINA—Salina Vitrified Brick Co.
TOPEKA—Capital City Vitrified Brick & Paving Co.
WICHITA—Wichita Silex Brick Co.

KENTUCKY.

LOUISVILLE—*Bannon P. Pipe Co.
PADUCAH—Katterjohn Brick Co.

LOUISIANA.

NEW ORLEANS—Salmen Brick & Lumber Co., Ltd., Whitney bldg

MARYLAND.

BALTIMORE—Westport Paving Brick Co., Westport
CUMBERLAND—*Queen City Brick & Tile Co.

MICHIGAN.

DETROIT—Little Chas. H. Co., Dock River Rouge
Puritan Brick & Tile Co., Farewell bldg
SAGINAW—*Saginaw Paving Brick Co.

MINNESOTA.

COON CREEK — Hydraulic-Press Brick Co. ("Hy-tex" Works)
MINNEAPOLIS — Hydraulic-Press Brick Co. ("Hy-tex"), 211 S 4th
Minneapolis Paving & Cement Brick Mfg. Co.

MISSOURI.

DIAMOND — Hydraulic-Press Brick Co. ("Hy-tex" Works)
KANSAS CITY — Hydraulic-Press Brick Co. ("Hy-tex"), Rialto bldg
Pittsburg Paving Brick Co.
ST. LOUIS—Alton Brick Co., Chemical bldg
Hydraulic-Press Brick Co. ("Hy-tex")
Ittner Anthony Brick Co., Odd Fellows bldg.

MONTANA.

HELENA—*Western Clay Mfg. Co.

NEW JERSEY.

MORRISTOWN—Hanover Brick Co.
SOUTH RIVER—Pettit & Co

NEW YORK.

*Binghamton Brick Co.
BINGHAMTON — *Binghamton Paving Block Co.
CORNING—*Brick, Terra Cotta & Tile Co.
JAMESTOWN—*Jamestown Shale Paving Brick Co.
MECHANICSVILLE—Cary Brick Co.
Champlain Brick Co.

OLEAN—*Sterling Brick Co.

NORTH CAROLINA.

ELIZABETH CITY—Elizabeth City Brick Co.

NORTH DAKOTA.

DICKINSON—Dickinson Fire & Press Brick Co.
GRAND FORKS—Red River Valley Brick Corp.

OHIO.

AKRON—Akron Vitrified Clay Mfg. Co.
American Sewer Pipe Co.
Windsor Brick Co.
ALLIANCE—*Alliance Brick Co.
Alliance Clay Product Co.
ASHTABULA—Ashtabula Shale Brick Co.
Lake Shore Shade Brick Co.
ATHENS—Athens Brick Co.
CANTON—Big Four Clay Co.
Lincoln Paving Block Co.
*Metropolitan Paving Brick Co. (Daily Capacity, 1,000,000)
CINCINNATI—Harris Brick Co.
CLEVELAND—*Cleveland Brick & Clay Co., B of L E bldg
*Medal Paving Brick Co., Swetland bldg
Newburgh Brick & Clay Co., Engineers bldg
Standard Brick Co., Valley rd
*Valley Shale Brick Co.
COLUMBUS—Hocking Valley Brick Co.
CONNEAUT—*Dunn Wire-Cut-Lug Brick Co. (Wire-Cut-Lug)
United Brick Co.
GLENWOOD—*Noble Brick Co.
LISBON—Excelsior Fire Clay Co.
LOGAN—*Logan Clay Product Co.
LOUISVILLE—Louisville Brick & Tile Co.
MARIETTA—Cisler Thomas & Co.
MASSILLON—*Massillon Brick Co.
*Massillon Stone & Fire Brick Co.
MIDDLEPORT—*Middleport Brick Co.
MINERAL CITY—Federal Clay Product Co.
MOGADORE—Granite Clay Co.
NELSONVILLE—*Nelsonville Brick Co. (Annual Capacity, 12,000,000)
NEW COMERSTOWN—Novelty Brick & Coal Co.
NORTH INDUSTRY—Starkey Jno.
OSNABURG—Stark Brick Co.
PORTSMOUTH—Carlyle Paving Brick Co.
*Peebles Paving Brick Co.
Portsmouth Paving Brick Co.
SCIOTOVILLE — Scioto Firebrick Co. ("Union")
TOLEDO—Enamel Vitrified Brick Co., 1348 Nicholes bldg
TRIMBLE—Trimble Paving Brick Co.
TORONTO—Toronto Fire Clay Co.
UHRICHSVILLE—Advance Fire Clay Co.
Buckeye Fireclay Co.
WICKLIFFE—*Kline Jno. Brick Co. ("Buckeye," Capacity, 5,000,000)
WOOSTER—Wooster Shale Brick Co.
YOUNGSTOWN—*Bessemer Limestone Co.
ZANESVILLE—Harris Brick Co.

OKLAHOMA.

BARTLESVILLE — *Bartlesville Vitrified Brick Co.
ENID—Enid Vitrified Brick & Tile Co.
MUSKOGEE—Muskogee Vitrified Brick Co.
PAWHUSKA—*Pawhuska Vitrified Brick & Tile Co.
TULSA—Tulsa Vitrified Brick & Tile Co.

PENNSYLVANIA.

AUBURN—*Auburn Shale Brick Co.
BRADFORD—*Tuna Valley Pressed Brick Co.
BRIDGEVILLE—Mayer C. P. Brick Co.
CLEARFIELD—*Clearfield Clay Working Co.
*Clearfield Brick Mfg. Co.
*Paterson Clay Products Co.
CONNELLSVILLE—Soisson Jos. Fire Brick Co.
CORRY—Corry Brick & Tile Co.
DUBOIS—Dubois Clay Mfg. Co.
FREEPORT—Freeport Clay Products & Mineral Co.
GREENSBURG—United Brick Co.
HAMBURG—Hamburg Vitrified Brick Co.
JOHNSTOWN—Haws A. J. & Sons
KITTANNING—Kittanning Brick & Fire Clay Co.
Kittanning Clay Mfg. Co.
KUSHEQUA—*Kushequa Brick Co.
LATROBE—*Latrobe Brick Co.
LOCK HAVEN—Queen's Run Fire Brick Co.
McKEESPORT—*Layton Fire Clay Co.
MEYERSDALE—*Savage Fire Brick Co.
NEW BRIGHTON—Fallston Fire Clay Co.
Smith A. F. Co.
OSCEOLA MILLS—Osceola Silica & Fire Brick Co.
PATTON—Good Geo. S. Fire Brick Co.
Patton Clay Mfg. Co.
PHILADELPHIA—Barker Asphalt Paving Co., Land Title bldg
Hamburg Vitrified Brick Co., 20th & Sedgley, Works: Hamburg, Pa.
McAvoy Vitrified Brick Co, 1345 Arch
*Mack Mfg. Co., Lincoln bldg
Clydesdale Brick & Stone Co., Oliver bldg
PITTSBURGH—Fallston Fire Clay Co., Oliver bldg
*Mack Mfg. Co., Arrott bldg
Manown Mfg. Co., Oliver bldg
Mayer C. P. Brick Co., Washington & State
Penna Clay Co., 421 Wood
Savage Fire Brick Co., Park bldg
Standard Fire Brick Co., Diamond Bank bldg

PENNSYLVANIA-PITTSBURGH—cont'd
United States Sewer Pipe Co., Frick bldg
West Virginia Fire Clay Mfg. Co., Diamond Bank bldg
READING—*Glen-Gery Shale Brick Co.
Reading Shale Brick Co.
REYNOLDSVILLE—*Reynoldsville Brick & Tile Co.
SHAWMUT—Shawmut Vitrified Paving Brick Wks. (& Blocks)
SCRANTON—*Stipp Peter & Sons
SHARON—*Sharon Clay Products Co.
WATSONTOWN—*Watsontown Brick Co.
WAYNESBORO—*Waynesboro Brick & Supply Co.

SOUTH CAROLINA.

KILLIAN—Killian Fire Brick Corp.

TENNESSEE.

CHATTANOOGA—Southern Clay Mfg. Co.
KNOXVILLE—Knoxville Brick Co.

TEXAS.

ATHENS—Athens Brick & Tile Co.
AUSTIN—Butler Brick Works
SAN ANTONIA—Mackey Brick & Tile Mfg. Co.
THURBER—Texas & Pacific Coal Co.

UTAH.

SALT LAKE CITY—*Salt Lake Pressed Brick Co.

WASHINGTON.

SEATTLE—Denny-Renton Clay & Coal Co.
Seattle Brick & Tile Co.
SPOKANE—American Fire Brick Co.
*Washington Brick, Lime & Sewer Pipe Co.

WEST VIRGINIA.

CLARKSBURG—Thornton Fire Brick Co.
FAIRMOUNT—Hammond Fire Brick Co.
NEW CUMBERLAND—Acme Fire Clay Works
*Mack Mfg. Co.

WISCONSIN.

MILWAUKEE—Burnham Bros. Brick Co., 50th & State

1467—*Brick (Welding Furnace)

Thomas Moulding Brick Co., 1203 Chamber of Commerce, Chicago, Ill.
See adv index at end of book

1468— Brick (White)

Chestnut Ridge White Brick Co., 7 W 45th, New York
Fiske & Co. (Also Ornamental), 25 Arch, Boston, Mass.
Hydraulic-Press Brick Co. ("Hy-Namel"), St. Louis, Mo.
Los Angeles Pressed Brick Co. (Also Ornamental), Los Angeles, Cal.
Sayre & Fisher Co. (Also Ornamental), 261 B'way, New York

1469— Brick (Wire-Cut Lug)

Alton Brick Co., Alton, Ill.
Bradford Pressed Brick Co., Bradford, Pa.
Clinton Paving Brick Co., Clinton, Ind.
Corry Brick & Tile Co., Corry, Pa.
Danville Brick Co., Danville, Ill.
Dunn Wire-Cut Lug Brick Co. (Patentees), Conneaut, O.
Kushequa Brick Co., Kushequa, Pa.
Medal Paving Brick Co., Swetland bldg, Cleveland, O.
Patterson Clay Products Co., Clearfield, Pa.
Reynoldsville Brick & Tile Co., Reynoldsville, Pa.
Southern Clay Mfg. Co., Chattanooga, Tenn.
Sterling Brick Co., Orlean, N. Y.
United Brick Co., Conneaut, O.
U. S. Sewer Pipe Co., Frick bldg, Pittsburgh, Pa.

1469a— Brick (Zinc Surface)

Walsh Fire Clay Products Co., 4070 N Main, St. Louis, Mo.

Bricklayers

See Contractors, Building & General

Bridge Builders (Steel)

See firms designated with a Star (*) under Steel Structural Work

1470— *Bridge Caissons

See also Caissons, Sheet Iron
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

1471— Bridge Foundations

See also Caisson Foundations
Blodgett Construct'n Co., Kansas City, Mo.
Cowing Bros. Crosby & Nickle Plate R R, Collinswood, Cleveland, O
Cranford Paving Co., 2620 E N W, Washington, D. C.
Cullen-Friestedt Co., 7 S Dearborn, Chicago, Ill.
Fath Construction Co., 4403 Perkins av, Cleveland, O.
Foundation Co. (Engineers & Contractors, Pneumatic, etc), 233 B'way, New York
Godwin Const. Co., 251 4th av, New York
McArthur Concrete Pile & Foundation Co. (Concrete), 120 B'way, New York
McMULLEN ARTHUR CO., 149 B'way, New York
McMurry J. W. Contracting Co., Sharp bldg, Kansas City, Mo.
Midland Bridge Co., Midland bridge, Kansas City, Mo.
Masters & Mullen Construction Co., Rose bldg, Cleveland, O.
Neuchatel Asphalte Co. (Concrete), 79 Tompkins, New York
O'Rourke Engineering Construction Co., 17 Battery pl, New York
Raymond Concrete Pile Co., 140 Cedar, New York
Rodgers J. C., 271 W 125th, New York
Rust Engineering Co., Farmers Bk. bldg, Pittsburgh, Pa.
Simplex Foundation Co., 3400 Disston, Phila., Pa.
Spearin George B., 90 West, New York
Syracuse Bridge Co. (Concrete, etc), Syracuse, N. Y.

1472-3— Bridge Railings

Bayley Wm. Co., Springfield, O.
Belmont Iron Works, 22d & Washington av, Philadelphia, Pa.
Braun J. G., 609 S Paulina, Chicago, Ill.
Clepp Geo. B., 3717 Filbert, Philadelphia, Pa.
Crown Iron Works Co., 1229 Tyler, Minneapolis, Minn.
Eastern Bridge & Structural Co., 88 Cushing, Worcester, Mass.
See adv index at end of book
Hallman Oliver F., Mont Clare, Pa.
Huntington Iron Works, Huntington, W. Va.
International Steel & Iron Co., Evansville, Ind.
Massillon Bridge & Structural Co., Massillon, O.
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
Milliken Bros., Staten Island, N. Y.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Republic Structural Iron Wks. Co., 1360 E 53d, Cleveland, O.
Roanoke Iron Works, Roanoke, Va.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Vilsack Martin Co., 3222 Penn av, Pittsburgh, Pa.
Wager Robert H., 149 B'way, New York
Wisconsin Bridge & Iron Co., North Milwaukee, Wis.

When writing to firms listed in this book please, mention HENDRICKS' COMMERCIAL RECISTER

Bridge Timbers (Creosoted)

See Creosoting Works

1474— Bridges (Bascule)

American Bridge Co. (Rolling Lift), 30 Church, New York
Canton Bridge Co., Canton, O.
Case Crane & Engng. Co., Columbus, O.
CHICAGO BRIDGE & IRON WORKS, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book
King Bridge Co., Cleveland, O.
Lackawanna Bridge Co., Buffalo, N. Y.
McClintic-Marshall Construction Co., Oliver bldg, Pittsburgh, Pa.
Milliken Bros., Staten Island, New York
Penn Bridge Co., Beaver Falls, Pa.
Scherzer Rolling Lift Bridge Co. (Rolling Lift), Monadnock blk, Chicago, Ill.
Strauss, Bascule Bridge Co., 104 S Michigan av, Chicago, Ill.
Strobel Steel Construction Co. ("Rall" Bascule), Monadnock blk, Chicago, Ill.
Toledo Bridge & Crane Co., 2500 Dorr, Toledo, O.
Wisconsin Bridge & Iron Co., North Milwaukee, Wis.

1475— Bridges (Catenary)

Archbold-Brady Co. (For electric Railways,) Syracuse, N. Y.

1476-7—*Bridges Coal & Ore Handling

See also Coal Storage Plant Construction
American Bridge Co., 30 Church, New York
CHICAGO BRIDGE & IRON WORKS, 1319 105th, Chicago, Ill.
For branch offices see adv index at end of book
Cornwall Mfg. Co. (Automobile), Penobscot av, Cleveland, O.
HAYWARD CO., THE, 50 Church, New York *See adv index at end of book*
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
ROBINS CONVEYING BELT CO., 13 Park Row, New York
See adv index at end of book
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book

Bridges (Rolling Lift)

See Bridges, Bascule

Bridges (Steel, Designers & Erectors)

See Firms in Steel Structural Work, marked with a (*) Star

1478— Bridges (Steel Girder)

See also Firms in Steel Structural Work, indicated by a (*) Star
American Bridge Co, 30 Church, New York
Case Crane & Engng Co., Columbus, O.
Central States Bridge Co., 601 Beecher, Indianapolis, Ind.
CHICAGO BRIDGE & IRON WORKS, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book
Eastern Bridge & Structural Co., 88 Cushing, Worcester, Mass.
See adv index at end of book
Good Roads Machinery Co (With Gas Pipe Railings), Kennett Square, Pa.
Independent Bridge Co., 829 Beaver av, Pittsburgh, Pa.
International Steel & Iron Co., Evansville, Ind.
King Bridge Co., Cleveland, O.
Kratzer W. N. Co., 3212 Smallman, Pittsburgh, Pa.
Lackawanna Bridge Co., Buffalo, N. Y.
Lucius Engineering Co., Hartje Bldg., Pittsburgh, Pa
McClintic-Marshall Construction Company, Oliver bldg, Pittsburgh, Pa.
Massillon Bridge & Structural Co., Massillon, Ohio
Milliken Bros., Staten Island, N. Y.
Missouri Valley Bridge & Iron Co., Leavenworth, Kans.
PITTSBURGH-DES MOINES STEEL CO. (Steel Girders), 4th & Ross, Pittsburgh, Pa. *See adv index at end of book*

GORHAM BRONZE MORTVARY WORK

We undertake and execute, in the finer alloys, metal work of every description; ART, DECORATIVE ARCHITECTURAL, MONUMENTAL, SCULPTURAL AND COLOSSAL, retaining the true spirit of Design by intelligent understanding of its requirements, supported by one of the greatest metal working plants in the world.

BRONZE MAUSOLEUM DOOR OF EGYPTIAN DESIGN

FAVROT & LIVAUDAIS, LTD., ARCHITECTS

We specialize in the production of MAUSOLEUM DOORS, GRILLES, GATES, RAILINGS, VASES, URNS, TRIPODS, SARCOPHAGUII CASKETS AND MISCELLANEOUS FITTINGS, with a range of DESIGNS and PRICES THAT MEET ALL REQUIREMENTS.

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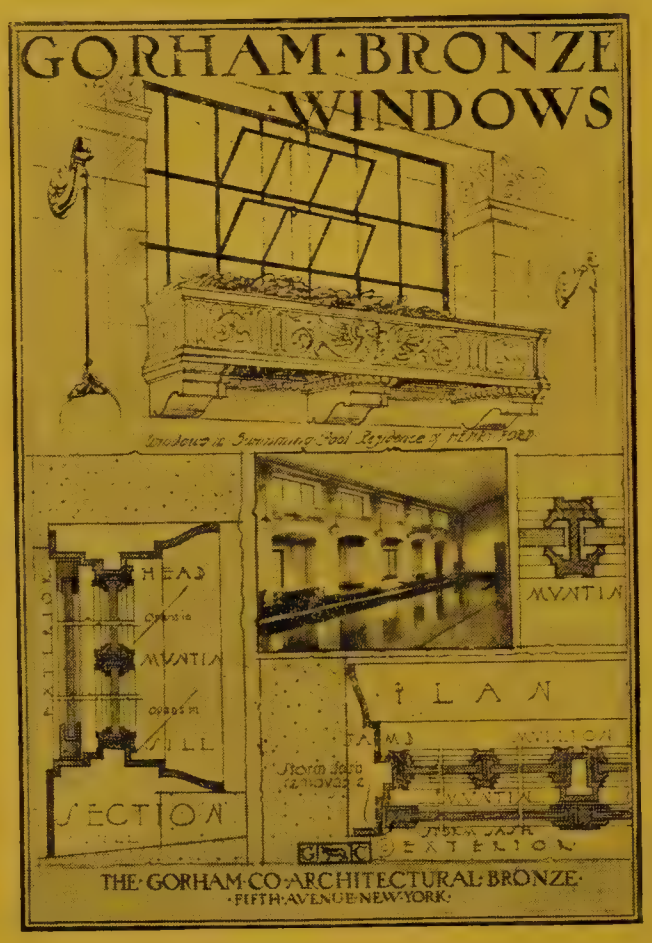
FIFTH AVENUE NEW YORK.

CITIZENS NATIONAL BANK, CHARLESTON, W. VA.
DENNISON AND HIRONS, ARCHITECTS

UNION NATIONAL BANK, CLEVELAND, OHIO
WALKER AND WEEKS, ARCHITECTS

HANAN SHOE STORE, NEW YORK
SEYMOUR AND SCHONEWALD, ARCHITECTS



HENRY E FORD RESIDENCE, DEARBORN, MICH.
WM. H VANTINE, ARCHITECT

LAFAYETTE MEMORIAL, PROSPECT PARK
HENRY BACON, ARCHITECT

BRONZE TRIPOD

BRONZE TABLET. J H GEISEY, ARCHITECT. GEO T BREWSTER, SCULPTOR

BRONZE VASE

THE GORHAM CO. ARCHITECTURAL BRONZE
FIFTH AVENUE NEW YORK.

ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
Scaife Wm. B. & Sons Co., First National Bank bldg, Pittsburgh, Pa.
See adv index at end of book
Toledo Bridge & Crane Co., 2500 Dorr, Toledo, O.
Wisconsin Bridge & Iron Co., North Milwaukee, Wis.
Worden-Allen Co., P O Box 528, Milwaukee, Wis.

1478a— *Bridges (Violin)

Estes E. B. & Sons, 364 Fifth av, New York *See adv index at end of book*

Brimstone

See Sulphur & Brimstone

1479— Bristles

Abeel Addison J., 181 Pearl, New York
Amerman & Patterson (Imported), 21 State, New York
Ayres Bridges & Co. (Imp), 200 Summer, Boston, Mass.
Broverman Morris & Son (Imp), 100 Maiden la, New York
Caplan S. & Co. (Imp), 80 Pine, New York
Chesnutt Cooper & Co. (Imp), 100 William, New York
Cone Fred H. & Co. (Importer), 181 Front, New York
Conheim Herman, 70½ Pine, New York
Cudahy Packing Co., 111 W Monroe, Chicago, Ill.
Eaton, Schleich & Woll, 97 Maiden lane, New York
Fearon Brown Co. (Imp), 96 Wall, New York
Frost & Cundill, Inc. (Imp), 60 Wall, New York
Hamburger H. (Imported), 86 John, New York
Huesmann & Co. (Importers), 47 Cliff, New York
Klebansky Wolf, 246 S 3rd, Phila., Pa.
Norden A. & Co. (Imp), 60 Beaver, New York
Nositzer Barnet, 307 Pearl, New York
Polack Co. (Imp), 249 Pearl, New York
Rosenhirsch H. Co., 10 Goddard, Providence, R. I.
Schenkler Philip, 17 Burling sl, New York
Topper & Edelmann, 525 Stone av, Brooklyn, N. Y.
VonStade F. W., 73 Beekman, New York
Wilkens Wm. Co., Frederick av & Wilkens, Baltimore, Md.
Woll Peter & Sons Mfg. Co., Mascher & Berks, Phila., Pa.
Zeidman Co., 223 S Desplaines, Chicago, Ill.

1480— Britannia Ware Mfrs.

See also Silverware

International Silver Co., Meriden, Conn.
Manning, Bowman & Co., Meriden, Conn.
Pia Peter F., 129 White, New York
Prisk Wm. M. & Sons Mfg. Co., Yatesville, Conn.

1481— Broaching Machines

See Classification 7886

1482— Broaches (Push)

Spicer Mfg. Co., South Plainfield, N. J.

1483— Broilers

Andrews Wire & Iron Wire Works (Wire), Rockford, Ill.
Bramhall-Deane Co., 261 W 36th, New York
Central Stamping Co. ("Puritan"), 172 Fulton, New York
Dangler Stove Co., 5017 Perkins av, Cleveland, O.
Darby Edw. & Sons Co. (Wire), 239 Arch, Phila., Pa.
Hamblin & Russell Mfg. Co. (Wire), Worcester, Mass.
Haslet Flanagen & Co., 116 N 2nd, Phila., Pa.
Lalance & Grosjean Mfg. Co. (Wire), 299 B'way, New York
Meek Oven Mfg. Co. ("Meek," Hotel Gas Broiler), Newburyport, Mass.
Miller Wm. Range & Furnace Co. (Charcoal, Coke, Sheet Steel), 7th & B'way, Cincinnati, O.
Morgan Spring Co. (Wire), Worcester, Mass. *See adv index at end of book*
National Enameling & Stamping Co. (Sheet Steel & Wire), 411 5th av, New York
National Mfg. Co. ("Natwire" Wire), Worcester, Mass.
Parker Wire Goods Co. (Wire, All Kinds), Worcester, Mass.
Reliable Stove Co., Cleveland, O.
Sexton S. B. Stove & Mfg. Co., 500 Block Conway, Baltimore, Md.
Stover Mfg. Co. (Cast Iron Metal), Freeport, Ill.
United Steel & Wire Co., Battle Creek, Mich.
Watkins J. Y. & Son, 20 Catharine, New York
Wire Goods Co. (Wire), Worcester, Mass.
Wire Hardware Co. (Wire), 6126 S La Salle, Chicago, Ill.

1484— Broilers (Electric)

American Electrical Heater Co., Detroit, Mich.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Simplex Electric-Heating Co. ("Simplex") Cambridge, Mass.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Broilers (Gas)

See Stoves, Heaters & Ranges, Gas

1484a— *Brokers (Ship)

Page & Jones, Mobile, Ala.
See adv index at end of book

1485— Bromine

Dickinson J. Q. & Co. ("Kanawha"), Maiden, W. Va.
Dow Chemical Co., Midland, Mich.

1486—Bronze Angles, Channels, Etc.

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

1487—Bronze (Architectural & Ornamental)

American Art Bronze Foundry, 4921 W Lake, Chicago, Ill.
Anchor Post Iron Works (Railings) 167 B'way, New York
For branch offices see Alphabetical Section

THE
T. F. McGANN & SONS CO.
117 Portland St. BOSTON, MASS.
BRONZE DOORS FOR
BANKS and MAUSOLEUMS
BANK GRILLES and RAILS
BRONZE TABLETS BRONZE LAMPS

Art Brass & Iron Works, Forest & Ellery, Detroit, Mich.
Art Metal Construction Co., Jamestown, N. Y.
Bayer, Gardner-Himes Co., 101 Park av, N. Y.
Biddle-Gaumer Co., 3846 Lancaster av, Phila., Pa.
Biggin Charles Co., 1829 Harlan, Phila., Pa.
Black & Boyd Mfg. Co., 432 E 23d, New York
Bolles J. E. Iron & Wire Works, 4th & Porter, Detroit, Mich.
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.
Builders Iron Works Co., St. Paul, Minn.
Bureau Bros., 23d & Westmoreland, Phila., Pa.
Burkhardt John, 531 W 55th, New York
Cabaret Paul E. & Co., 126 11th av, New York
California Artistic Metal & Wire Co. (Doors & Railings), 349 7th av, San Francisco, Cal.
Campbell Harry E., Albany, N. Y.
Chippewa Bronze Co., 1469 E 118th, Cleveland, O.
Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
Cleveland Art Metal Co., 3620 Superior, Cleveland, O.
Coleman Adelbert E., 336 W 37th, Chicago, Ill.
Columbus Brass Co. (Brass & Bronze Door & Window Guard, etc.), 538 Dublin av, Columbus, O.
See adv index at end of book
Crown Iron Works Co., 1229 Tyler, Minneapolis, Minn.
Detroit Mausoleum Equipment Works, Detroit, Mich.
Ellison Brass Mfg. Co., Jamestown, N. Y.
Empire Art Metal Co., Inc., College Point, L. I., N. Y.
Estey Bros. Co., 270 Union av, Brooklyn, N. Y.
Federal Brass & Bronze Co., Ridge, Astoria, Borough of Queens, N. Y.
FEELY W. J. CO., 169 S Angell, Providence, R. I.
Flour City Ornamental Iron Works, 27th & 27th av, Minneapolis, Minn.
GORHAM CO. ARCH'L BRONZE (Bank Work a Specialty), 5th av & 36th, New York; Works: Providence, R. I.
See adv index at end of book
Guerin P. E. (Inc.), 21 Jane, New York
Halback, C. E. & Co., 23 E. 26th, New York
Henry-Bonnard Bronze Co., 20 Exchange pl, New York
Herzog Iron Works, St. Paul, Minn.
IDEAL-DIE CASTING CO., 756 Eddy, Providence, R. I.
Jackson Wm. H. Company, 2 W 47th, New York.
Janusch Mfg. Co., 496 E 134th, New York
Jones Jas. Co., Los Angeles, Cal.
Keystone Ornamental Iron & Bronze Wks. (Also Brass), 830 Howard, San Francisco, Cal.
Klaber S. & Co., 21 W 39th, New York
Lane Thos. Co., Farmers' Bank bldg, Pittsburgh, Pa.
Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
McGANN THOS. F. & SONS CO., 117 Portland, Boston, Mass.
See adv index at end of book
McKenna Brass & Mfg. Co., Inc., 1st av & Ross, Pittsburgh, Pa.
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
Midland Metal Co., 21st & Jefferson, Phila., Pa.
Milliken Bros., Staten Island, N. Y.
Mills Wm. J. (Doors, etc), 198 Roebling,
Mills Wm. J. (Doors, etc), 25 Bainbridge,
Mott J. L. Iron Works, Trenton, N. J.
National Art Bronze Wks. Co., Pope & Carrie avs, St. Louis, Mo.
NEWMAN MFG. CO., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill. *See adv index at end of book*
Penn Brass & Bronze Works, 111 Dobbin, Brooklyn, N. Y.
PITT WM. R. COMPOSITE IRON WORKS (Ornamental), 221 W 26th, New York
See adv index at end of book
Plocher Andrew, Sons Co., Dayton, O.
Polachek John Bronze & Iron Co., 480 Hancock, Long Island City, N. Y.
Richey Browne & Donald, Flushing av, Maspeth, N. Y.
Roman Bronze Works ("Cire-Perdue" Process), 275 Greene, Brooklyn, N. Y.
Rudgear-Merle Co., 198 Bay, San Francisco, Cal.
Schreiber L. & Sons Co., 3869 Ivanhoe, Cincinnati, O.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Sommerville Iron & Bronze Co., 5641 Butler, Pittsburgh, Pa.
Sterling Bronze Co., 16 E 40th, New York
Sullivan-Korber Co., 2437 W 21st pl, Chicago, Ill.
Tiffany Studios, 361 Madison av, New York
Tuttle & Bailey Mfg. Co., 52 Vanderbilt av, New York
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
Union Metal Mfg. Co., Canton, O.
Vulcan Co., 11 Raynor, Detroit, Mich.

BRONZE (ARCHITECTURAL & ORNAMENTAL)—continued

Wells Architectural Iron Co., River av & 151st, New York
Williams Jno., Inc., 556 W 27th, New York
Winslow Bros. Co., 4600 Harrison, Chicago, Ill.
Wisconsin Iron & Wire Works, North Milwaukee, Wis.

1488— Bronze Doors

American Art Metal Wks., 13 Grace, San Francisco, Cal.
Art Brass & Wire Works, Forest & Ellery, Detroit, Mich.
Art Metal Construction Co., Jamestown, N. Y.
Bolles J. E. Iron & Wire Works, 4th & Porter, Detroit, Mich.
Bureau Bros., 23d & Westmoreland, Phila., Pa.
Burkhardt John, 531 W 55th, New York
Cabaret Paul E. & Co., 126 11th av, New York
California Artistic Metal & Wire Co., 349 7th, San Francisco, Cal.
Chippewa Bronze Co., 1469 E 118th, Cleveland, O.
Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
Coleman Adelbert E. (Architectural, etc), 336 W 37th, Chicago, Ill.
DAHLSTROM METALLIC DOOR CO. (For Entrances to office bldgs. & Stations; any design, hollow metal), 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book
Detroit Mausoleum Equipment Works, Detroit, Mich.
Ellison Brass Mfg. Co. (Mausoleum, Doors & Windows), Jamestown, N. Y.
Empire Art Metal Co., Inc., College Point, L. I., N. Y.
Feeley W. J. Co. (Altar), 169 S Angell, Providence, R. I.
Flour City Ornamental Iron Works; 27th & 27th av, Minneapolis, Minn.
GORHAM CO. ARCH'L BRONZE (Cast & Plate), 5th av & 36th, New York. Works: Providence, R. I.
See adv index at end of book
Guerin P. E., 21 Jane, New York
Henry-Bonnard Bronze Co., 20 Exchange pl, New York
Imperial Brass Mfg. Co. (Mausoleum), 524 S Racine av, Chicago, Ill.
See adv index at end of book
INTERIOR METAL MFG. CO., Jamestown, N. Y.*See adv index at end of book*
Jackson Wm. H. Company, 2 W 47th, New York
Janusch Mfg. Co., 496 E 134th, New York
Jones Jas. Co., Los Angeles, Cal.
Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
McGANN THOS. F. & SONS CO. (Bank & Mausoleum), 117 Portland, Boston, Mass. *See adv index at end of book*
Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
Mills W. J., 25 Bainbridge, Brooklyn, N. Y.
Mott J. L. Iron Works, Trenton, N. J.
Newman Mfg. Co., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill. *See adv index at end of book*
Penn. Brass & Bronze Works, 111 Dobbin, Brooklyn, N. Y.
Richey Browne & Donald, Flushing av, Maspeth, N. Y.
Schreiber L. & Sons Co., 3869 Ivanhoe, Cincinnati, O.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Sommerville Iron & Bronze Co., 5641 Butler, Pittsburgh, Pa.
Tiffany Studios, 361 Madison Av, New York
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
Williams Jno., Inc., 556 W 27th, New York
Winslow Bros. Co., 4600 Harrison, Chicago, Ill.
Wisconsin Iron & Wire Works, North Milwaukee, Wis.

1489— *Bronze Entrances

TYLER W. S. CO., Cleveland, O.
See adv index at end of book

1490—Bronze Founders' (Architectural)

See also Castings, Bronze

American Art Bronze Foundry, 4921 W Lake, Chicago, Ill.
Bureau Bros., 23d & Westmoreland, Phila., Pa.
Cabaret Paul E. & Co., 126 11th av, New York
Chippewa Bronze Co., 1469 E 118th, Cleveland, O.
Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
Detroit Mausoleum Equipment Works, Detroit, Mich.
Feeley W. J. Co., 169 S Angell, Providence, R. I.
Flour City Ornamental Iron Works, 27th & 27th av, Minneapolis, Minn.
GORHAM CO. ARCH'L BRONZE, 5th av & 36th, New York. Works: Providence, R. I. *See adv index at end of book*
Henry-Bonnard Bronze Co., 20 Exchange pl, New York
Jackson Wm. H. Company, 2 W 47th, New York
Janusch Mfg. Co., 496 E 134th, New York
Johnson Service Co., 153 Michigan, Milwaukee, Wis.
Klaber S. & Co., 21 W 39th, New York
McGANN THOS. F. & SONS CO., 117 Portland, Boston, Mass.
See adv index at end of book
Manhattan Brass Co., 332 E 28th, New York
Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
Milles C. H. Foundry Co., 2443 W 21st pl, Chicago, Ill.
Mills W. J., 25 Bainbridge, Brooklyn, N. Y.
New Brunswick Iron Works, New Brunswick, N. J.
NEWMAN MFG. CO., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill. *See adv index at end of book*
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Roessing Bronze Co., Etna, Pa.
Schreiber L. & Sons Co., 3869 Ivanhoe, Cincinnati, O.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Tiffany Studios, 361 Madison av, New York

1491—*Bronze ("Gorham" Special Patent Castings)

GORHAM CO. ARCH'L BRONZE, 5th av & 36th, New York. Works: Providence, R. I. *See adv index at end of book*

Bronze Lamps

See Lamps, Artistic Bronze & Wrought Iron

Bronze Letters for Building Fronts

See Bronze Tablets, etc

1492— Bronze (Manganese)

See also Castings, Manganese Bronze

Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.
American Manganese Bronze Co., 3501 Rhawn, Phila., Pa.
Brady Brass Co., 170 14th, Jersey City, N. J.
Cramp Wm. & Sons Ship & Engine Building Co. ("Parsons"), Beach & Ball, Phila., Pa.
North Am. Copper Co., 52 Vanderbilt av, New York

MICHIGAN SMELTING & REFINING CO.

1695 Jos. Campau, Detroit, Mich.

Titanum Bronze Co., Inc., Niagara Falls, N. Y.
Taunton-New Bedford Copper Co. ("Parsins"), Taunton, Mass.

1493—Bronze Monuments, Statuary, Urns, Etc.

Bureau Bros., 23d & Westmoreland, Phila., Pa.
Cabaret Paul E. & Co, 126 11th av, New York
Chypena Bronze Co., 1469 E 118th, Cleveland, O.
GORHAM CO. ARCH'L BRONZE, 5th av & 36th, New York. Works: Providence, R. I. *See adv index at end of book*
Henry-Bonnard Bronze Co., 20 Exchange pl, New York
Jackson Wm. H. Company, 2 W 47th, New York
McGANN THOS. F. & SONS CO. (Cire-Perdue-Process), 117 Portland, Boston, Mass. *See adv index at end of book*

T. F. McGann & Sons Co.
117 Portland Street Boston, Mass.
BRONZE FOUNDERS OF
Monuments, Statuary, Busts, Bas-Reliefs, Urns, Sarcophagi, Fountains and Tablets

Parker Charles Co. (Cremation Urns), Meriden, Conn.
Roman Bronze Works ("Cire-Perdue" Process), 275 Greene, Brooklyn, N. Y.
Tiffany Studios, 361 Madison av, New York
Williams Jno., Inc., 556 W 27th, New York

1494— Bronze Powders

Aluminum Co. of America (Aluminum Only), Oliver bldg, Pittsburgh, Pa.
See adv index at end of book
American Bronze Powder Mfg. Co., 16 Warren, New York. Works: Verona, N. J.
Arnstein Eugene, 45 W 26th, Chicago, Ill. Chicago, Ill.
Ault & Wiborg Co., Cincinnati, O.
Barrett M. L. & Co., 233 W Lake, Chicago, Ill.
Baer Bros., 438 W 37th, New York
Benda Geo. 112 E 19th, New York
BINSWANGER B. & CO., 827 N 3d, Phila., Pa.
Bronze Powder Works Co., Elizabeth, N. J.
Chicago Bronze Co. (Imp), 110 W Lake, Chicago, Ill.
Corbett M. J. & Co. (Imported), 24 State, New York
Devoe & Raynolds Co., 101 Fulton, New York
Downing R. F. & Co. (Imported), 45 Pearl, New York
Drakenfeld B. F. & Co. ("Globe," Imp), 50 Murray, New York
DU PONT CHEMICAL WORKS, 120 B'way, New York
Ehrmann Ludwig (Importers), 288 Bowery, New York
French Samuel H. & Co., 4th & Callowhill, Philadelphia, Pa.
Frost & Cundill, Inc. (Imp. of Japan), 60 Wall, New York
Fuchs & Lang Mfg. Co., 119 W 40th, New York
German-American Bronze Powder Mfg. Co. (Imp), 38 W 32d, New York
Gerstendorfer Bros., 221 E 42d, New York
Hemmerdinger L. & Co., 438 E 123d, New York
Hommel O. Co., Hope & Maple, Pittsburgh, Pa.
Horn A. C. Co., Bodine, Long Island City, N. Y.
Illinois Bronze Powder Co. (Importers), 162 W Randolph, Chicago, Ill.
Kemp W. H. Co., 165 Spring, New York
Lang R. F., 8 Bridge, New York
Lawrence W. W. & Co., Pittsburgh, Pa.
Morrill Geo. H. Co., Norwood, Mass.
Pomeroy & Fischer, 95 Madison av, New York
Rauskolb Fred W. Co., 103 Arch, Boston, Mass.

Riessner T. (Imp), Gold & Ann, New York
Rosenbush & Solomon, 23 S Desplains, Chicago, Ill.
Schlegel Oscar Mfg. Co. (Aluminum, Gold, Bronze & Liquid), 111 E 12th, New York
Seligman Arthur (Imp), 165 B'way, New York
Siebold J. H. & G. B. (Imp), 21 W Houston, New York
Thompson R. R. Co., 38 W 32d, New York
Thurston F. W. Co. (Imported), 1832 S Clark, Chicago, Ill.
Ullmann B. & Co., 461 8th av, New York
Wheeler Asahel Co., 58 High, Boston, Mass.

Bronze Railings

See Bronze, Architectural

1495 Bronze Sheet

AMERICAN BRASS CO., Waterbury, Ct.
For branch offices see adv index at end of book
American Manganese Bronze Co., 3501 Rhawn, Phila., Pa.
Cleveland Brass & Copper Mills, Inc., 321-324 Guardian bldg, Cleveland, O.
Connecticut Brass & Mfg. Corp. (Thin Gauge), Waterbury, Conn.
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
Gardner B. M. Co., Guardian bldg, Cleveland, O.
Michigan Copper & Brass Co., Detroit, Mich.
New England Brass Co. (Commercial), Taunton, Mass.
North Am. Copper Co., 52 Vanderbilt av, New York
Riverside Metal Co., Riverside, N. J.
Scovill Mfg. Co., Waterbury, Conn.
See adv index at end of book
Seymour Mfg. Co., Seymour, Conn.
Somers Co., Inc. (Thin Gage), Waterbury, Conn.
Titan Metal Co. (Hot or Cold Rolled), Bellefonte, Pa.
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
See adv index at end of book

1496— Bronze Tablets, Etc.

T. F. McGANN & SONS COMPANY
117 Portland St., Boston, Mass.
For 50 years we have made a specialty of Bronze Tablets for Memorials, Banks, Public Buildings and Cemetery Purposes.

Art Brass & Wire Works, Forest & Ellery, Detroit, Mich.
Art Metal Construction Co., Jamestown, N. Y.
Atlas Brass Foundry 155 A. S., Boston, Mass.
Biggin Charles P. Co., 1829 Harlan, Phila., Pa.
Bolles J. E. Iron & Wire Works 4th & Porter, Detroit, Mich.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Bureau Bros., 23d & Westmoreland, Phila., Pa.
Cabaret Paul E. & Co, 126 11th av, New York
Chypena Bronze Co., 1469 E 118th, Cleveland, O.
Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
Coleman Adelbert E., 336 W. 37th, Chicago, Ill.
Columbus Brass Co., 538 Dublin av, Columbus, O. *See adv index at end of book*
Detroit Mausoleum Equipment Works, Detroit, Mich.
Ellison Brass Mfg. Co., Jamestown, N. Y.
Feeley W. J. Co., 169 S Angell, Providence, R. I.
Fiske J. W. Iron Works, 80 Park pl, N. Y.
Flour City Ornamental Iron Works, 27th & 27th av, Minneapolis, Minn.
GORHAM CO. ARCH'L BRONZE, 5th av & 36th, New York; Works: Providence, R. I. *See adv index at end of book*
Henry-Bonnard Bronze Co., 20 Exchange pl, New York.
Herzog Iron Works, St. Paul, Minn.
Highton Wm. & Sons Co., Nashua, N. H.
Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill.
See adv index at end of book
Inglis Wm. Wire & Iron Works, 61 Woodbridge, Detroit, Mich.
Jackson Wm. H. Company, 2 W 47th, New York
Janusch Mfg. Co., 496 E 134th, New York
Johnson Service Co., 153 Michigan, Milwaukee, Wis.
Lane Thos. Co., Farmers Bank bldg., Pittsburgh, Pa.
Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.,
McCafferty J. H. Co., 434 Harrison av, Boston, Mass.
McGANN THOS. P. & SONS CO., 117 Portland, Boston, Mass.
See adv index at end of book
Matthews Jas H. & Co., 3942 Forbes, Pittsburgh, Pa.
Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
Mills W. J., 198 Roebling, Brooklyn, N. Y.
Mott J. L. Iron Works, Trenton, N. J.
NEWMAN MFG. CO. (Brass & Bronze), 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill.
See adv index at end of book
Pathie Wm. Co., Worcester, Mass.
Richey, Browne & Donald, Flushing av, Maspeth, N. Y.
Rome Bronze Co., Rome, N. Y.
Russell Albert & Sons Co., Newburyport, Mass.
St. Louis Brass Mfg. Co., Jefferson & Washington, St. Louis, Mo.
Schreiber L. & Sons Co., 3869 Ivanhoe, Cincinnati, O.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Sommerville Iron & Bronze Co., 5641 Butler, Pittsburgh, Pa.
Sterling Bronze Co., 16 E 40th, New York
Tiffany Studios, 361 Madison av, New York
Turner Brass Works, Sycamore, Ill.
Tuttle & Bailey Mfg. Co. (Also Brass), 52 Vanderbilt av, New York
TYLER W. S. CO., Cleveland, Ohio, & 200 5th av, New York.
See adv index at end of book
United Ornamental Iron Works, 189 W Madison, Chicago, Ill.
Vulcan Co., 11 Raynor, Detroit, Mich.
Wells Architectural Iron Co., River av & 151st, New York
Williams Jno., Inc., 556 W 27th, New York
Winslow Bros. Co., 4600 Harrison, Chicago, Ill.

1497— *Bronze (Tobin)

AMERICAN BRASS CO. (Sheets & Rods), Waterbury, Conn.
For branch offices see adv index at end of book
MERCHANT & EVANS CO., 2035 Washington av, Phila, Pa.
See adv index at end of book

1498 Bronze (White)

GORHAM CO. ARCHITECTURAL BRONZE, 5th av & 36th, New York
See adv index at end of book
Lissberger, Marks & Son ("Emelansic"), 281 Borden av, Long Island City, New York

MICHIGAN SMELTING & REFINING CO.

1695 Jos. Campau, Detroit, Mich.
Pittsburgh White Metal Co., 3116 Penn av., Pittsburgh, Pa.

1498a—*Bronze Work (Every Description)

GORHAM CO. ARCHITECTURAL BRONZE, 5th av & 36th, New York
See adv index at end of book

1499— Bronzing Liquids

Acme White Lead & Color Works, St. Aubin av & M. C. R. R., Detroit, Mich.
Baer Bros., 438 W 37th, New York
Barrett M. L. & Co., 233 W Lake, Chicago, Ill.
Bronze Powder Works Co., Elizabeth, N. J.
Celluloid Zapon Co., Inc. ("Zapon"), 200 5th av, New York
De Bar Co., 1 State, New York.
DU PONT CHEMICAL WORKS, 120 Broadway, New York
Durlacque Mfg. Co., 2322 Olive, St. Louis, Mo.
French Samuel H. & Co., 4th & Callowhill, Philadelphia, Pa.
Glidden Varnish Co., 1755 W. Madison av, Cleveland, O.
Harrison Works (Du Pont), Phila., Pa.
Hommel O. Co., Hope & Maple, Pittsburgh, Pa.
Lawrence W. W. & Co., Pittsburgh, Pa.
Lucas John & Co., 322 Race, Philadelphia, Pa.
Opal Chemical Co., Kenilworth, N. J.
Schlegel Oscar Mfg. Co., 111 E 12th, New York
Sherwin-Williams Co., Cleveland, O.
Thurston F. W. Co., 1832 S Clark, Chicago, Ill.

1500— Brooms (Bamboo)

Indianapolis Brush & Broom Mfg. Co. ("Capital" Red Cap Fibre or Bamboo), 26 Brush, Indianapolis, Ind.
Lay Jos. Co., Ridgeville, Ind.
Manhattan Brush Co., 629 E 16th, New York
Mass. Commission for the Blind, Cambridge, Mass.
Opie J. W. Brush Co., Kansas City, Mo.
Cleveland Osborn Mfg. Co. (Push, Scrubbing, etc), 5405 E Hamilton, Cleveland, O.
Ox Fibre Brush Co., Frederick, Md.
Richmond Broom Co., Richmond, Va.

1501— Brooms (Bass Fibre)

Bunck John J. & Co., 155 Chambers, New York
Goldblatt H. Tool Co., 213 E 15th, Kansas City, Mo.
Grau Bros., 1662 Central av, Cincinnati, O.
Lay Jos. Co., Ridgeville, Ind.
Mass. Commission for the Blind, Cambridge, Mass.
Ox Fibre Brush Co., Frederick, Md.

Hendricks' Commercial Register

is not a Catalog of Advertisers alone, but a Complete Register of the manufacturers and jobbers in every line of trade that comes within the scope of the work.

When writing to firms whose names appear in this book please mention

Hendricks' Commercial Register

1502— Brooms (Corn)

Alabama Broom & Mattress Co., Huntsville, Ala.
Amarillo Broom Co., Amarillo, Tex.
American Broom Mfg. Co, Ltd., Short & Edenburg, New Orleans, La.
American Broom & Brush Co. (Rattan, Broom Corn), Amsterdam, N. Y.
Amsterdam Broom Co. (Corn), Amsterdam, N. Y.
Anderson Gus., Salina, Kan.
Antiseptic Broom Co., Savannah, Ga.
Atlanta Woodenware Co., Atlanta, Ga.
Atlantic Southwestern Broom Co., 2d & Toone, Baltimore, Md.
Augusta Broom Works, Augusta, Ga.
Bardall J. C. Co. (Standard, Carpet, Brace, Spiral, Steamboat, Cane, etc), Moundsville, W. Va.
Beisley David, Wamego, Kan.
Bookhop F. H. (Floor, Sink, Whisk), 151 38th, Brooklyn, N. Y.
Boyer A. Broom Co., Galesburg, Ill.
Bunck John J. & Co., 155 Chambers, New York
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Cahill Jos. P., 820 W 51st pl, Chicago, Ill.
Canavan J. L., Lawrence, Kan.
Carpenter P. C., Demorest, Ga.
Caummisar T. C. & Sons, Louisville, Ky.
Central Broom Co., Jefferson City, Mo.
Collins Bros., Lawrence, Mass.
Congleton J., New Philadelphia, O.
Conrad John & Co., Everett, Mass.
Cremering Bros., 216 W Pearl, Cincinnati, O.
Cronkrite L. R., Williamsport, Pa.
Culicover M., 41 Fulton, New York
Dean O. M. & Sons, Worcester, Mass.
De Roo P. Sons, Wade & Borton, Cincinnati, O.
Deshler Broom Factory, Deshler, Neb.
Des Moines Broom Co., Des Moines, Ia.
Detering H. E., Houston, Tex.
Dobbertin A. C., Rochester, N. Y.
Dudgeon Co., Cane Valley, Ky.
Eaton J. C. & Co., Lydonville, Vt.
Enterprise Broom Works, 321 E. Grand av, Chicago, Ill.
Evans Andrew J., Terre Haute, Ind.
Evans & Liddle, Lockport, N. Y.
Evansville Broom Co., Evansville, Ind.
Fairchild L. C., Greene, N. Y.
Feldmann L. & Co., 417 Montgomery, San Francisco, Cal.
Frankfort Broom Co., Frankfort, Ky.
Fulton H. K., 107 E 4th, Wilmington, Del.
Gardner Broom Co., Amsterdam, N. Y.
Gerhardt C. (Brewers', Steel Wire), 591 Hudson, N. Y.
Goeller's M. G. Sons (House, Stable, Warehouse, Ceiling, Whisk), Circleville, O.
Griffin C. W., Chanute, Kan.
Haisler Bros. Co. (Stable), 740 N Franklin, Chicago, Ill.
Hall C. B., Iola, Kan.
Halpin Nicholas F., Sr., Deerfield, N. Y.
Hamburg Broom Works, Hamburg, Pa.
Hankins S. R. & Sons, Hastings, Neb.
Harrah & Stewart Mfg. Co. ("Little Polly"), Des Moines, Ia.
Hartman Broom Co., Clay Center, Kans.
Hatch E. W. & Son, Union City, Pa.
Hemingway Bros., Stockton, Cal.
Hoag Duster Co. ("Iowa"), Monticello, Ia.
Hodges Broom Works, Atlanta, Ga.
Howard Broom Co., 4437 N Lincoln, Chicago, Ill.
Howard E. D. Broom Co. (Corn, etc), Columbus, O.
Hugel Fred. & Son, Lawrence, Mass.
Hunter Brush Mfg. Co. (Home, Factory, etc), Blanchester. O.
Imperial Broom Works, 172 N. May, Chicago, Ill.
Imperial Mfg. & Trading Co., 253 B'way, New York
Indianapolis Brush & Broom Mfg. Co. (Corn, Factory, Foundry, Mill, Railroad), 26 Brush, Indianapolis, Ind.
Jacobson-Peterson-Peltz & Kaufer Co., South Bend, Ind.
Kelley M. A. Broom Co., Leavenworth, Kan.
Kelly, Leonard & Forrester Co., Ogdensburg, N. Y.
Kuh Bros., Sioux Falls, S. D.
Lang Broom Co., 2029 Chateau, Pittsburgh, Pa.
Lay Jos. & Co. (Street, Stable, Push), Ridgeville, Ind.
Lee Broom & Duster Co., Davenport, Ia., & Lincoln, Neb.
Libman William, 1229 W Grand av, Chicago, Ill.
Lillie O. E., Hiawatha, Kans.
Lyons John P., 2016 26th av, S, Minneapolis, Minn.
McIntosh & Alberts, 550 W 39th, Chicago, Ill.
Maiden Wm. M., Muscatine, Ia.
Manufacturers Broom & Brush Co., Memphis, Tenn.
Manzelmann Chas., 741 Bellevue, Detroit, Mich.
Mass. Commission For the Blind ("M. C. B." "Prendergrast"), Cambridge, Mass.
Mathieson Thos. P., 2042 Warren av, Chicago, Ill.
Meder Bros., Minneapolis, Minn.
Meese G. & Co., Spokane, Wash.
Memphis Broom & Brush Co., Memphis, Tenn.
Merkle-Wiley Broom Co. (Broom Corn), Paris, Ill.
Metzger Harry, Muscatine, Ia.
Meyer N., Green Bay, Wis.
Meyers Broom Works, Omaha, Neb.
Miller Broom Co., La Crosse, Wis.
Mohawk Valley Broom Co., Fonda, N. Y.
Montgomery Broom Mfg. Co., Grove City, Pa.
Moore S. S., Quenemo, Kans.
Muckenfuss Mfg. Co., Spartanburg, S. C.
Mulholland Wm., 79 White, New York
Myer-Bridges Co., Louisville, Ky.
National Broom Co. (Brooms & Whisk Brushes), Lockport, N. Y.
New Bremen Broom Co., New Bremen, O.
Neitzel Bros. & Theilmann, Spokane, Wash.
Noble Charles H., Thompsonville, Conn.
Noxon Broom Co., Avoca, N. Y.
Olson Broom Co., Sterling, Kan.
Opie J. W. Brush Co., Kansas City, Mo.
Cleveland Osborn Mfg. Co. (Steel, Snow, Warehouse, Corn Wire), 5405 E Hamilton, Cleveland, O.
Page Broom Co., Lawrence, Mass.
Partin M., Mobile, Ala.
Pauken John Broom Co., Maumee, O.
Peerless Broom Works, 2243 W Lake, Chicago, Ill.
Phoenix Brush & Mfg. Co. (Steel Wire, Street Sweeping), 160 N Wells, Chicago, Ill.
Pioneer Broom Co. (Corn), Amsterdam, N. Y.
Pirrung Mfg. Co., 4436 Greenview av, Chicago, Ill.
Plunkett Chas. ("Blue Ribbon"), 205 Duane, New York
Ramseur Broom Works, Ramseur, N. C.
Reading Broom Co., Blandon, Pa.
Richmond Broom Co., Richmond, Va.
Ripple S. A. & Bros., 1208 Ridgely, Baltimore, Md.
Rochester Brush Mfg. Co. (Bass, for House & Factory), Rochester, N. Y.
Rogers Broom Co., Washington, Ind.
Roseboom J. A. & Co., Mattoon, Ill.
Rosengren Ed., Lindsborg, Kans.
Round Rock Broom Co., Round Rock, Tex.
Rudy Brown Co., Madisonville, Ky.
Scheninger J. A. & Bros., Syracuse, N. Y.
Scoville M. G. Sons Co., Ogden, Utah
Sebastian Bros. Odin, Ill.
Shanaman W. B, Reading, Pa.
Shanaman Bros., Reading, Pa.
Sider Bros., 1245 W 14th pl, Chicago, Ill.
Sider H. & Son, 1311 Blue Island av, Chicago, Ill.
Southern Broom Mfg. Co., Atlanta, Ga.
Southwestern Broom Mfg. Co., Evansville, Ind.
Spickett Broom Co., Lawrence, Mass.
Stewart A. F., 916 Fauquier, St. Paul, Minn.
Strum Carl, 172 N May, Chicago, Ill.
Supple Wm., Topeka, Kans.
Syracuse Broom Co., Syracuse, N. Y.
Tallieu L. P., Samstown, La.
Tate R. L., Paducah, Ky.
Thompson Leon C., Concord, N. H.
Thompson Hugh Broom Corn Co., 920 W 8th, Kansas City, Mo.
Twitchell-Champlin Co., Portland, Me.
United States Broom & Brush Co. (Brooms and Whisks), 1201 Cortland, Chicago, Ill.
United States Broom & Duster Co., 1812 W 13th, Chicago, Ill.
Urbana Broom Co. (Whisk), Urbana. O.
Van Laak Mfg. Co., 3281 Harrison, San Francisco, Cal.
Ward J. B. & Sons, Paterson, N. J.
Washington Broom & Woodenware Co., Seattle, Wash.
Waterloo Broom Co., Waterloo, Ind.
Wetherbee Geo. C. & Co., 49 Jefferson av, Detroit, Mich.
Weymer A. F. Co. (Whisk), Syracuse, N.Y.
White Valentine Co., Urbana, O.
Whitmyer H., Schenectady, N. Y.
Wichita Falls Broom Mfg. Co., Wichita Falls, Tex.
Windsor Mfg. Co., Windsor, Mo.
Wittemeir's F. Sons, Fort Hunter, N. Y.
Zan Bros. & Co., 3546 19th, San Francisco, Cal., & Portland, Ore.

1503— Brooms (Foundry)

See Brooms, Push; also Brooms, Steel Wire

Brooms (Frog & Switch)

See Brooms & Brushes, Track

1504—Brooms (Metal Bound Mill)

Bunck John J. & Co., 155 Chambers, New York
Hamburg Broom Works, Hamburg, Pa.
Hendee C. C. Co., 48 7th, Milwaukee, Wis.
Indianapolis Brush & Broom Mfg. Co., 26 Brush, Indianapolis, Ind.
Lang Broom Co., 2029 Chateau, Pittsburgh, Pa.
Lay Jos. Co., Ridgeville, Ind.
Mass. Commission for the Blind ("Endurance," "M. C. B."), Cambridge, Mass.
Merkle-Wiley Broom Co., Paris, Ill.
Opie J. W. Brush Co., Kansas City, Mo.
Cleveland Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Richmond Broom Co., Richmond, Va.
Thompson, Leon C., Concord, N. H.

1505— Brooms (Push)

See also Brooms, Street Sweeping

Bardall J. C. Co., Moundsville, W. Va.
Bookhop F. H., 151 38th, Brooklyn, N. Y.
Browne F. W. (Wire), Farmington, N. H.
Bunck Jno. J. & Co., 155 Chambers, New York
Chattanooga Broom & Mop Co., Chattanooga, Tenn.
Darby Edw. & Sons Co. (Wire), 239 Arch, Phila., Pa.
Felton D. D. Brush Co., Atlanta, Ga.
Grau Bros., 1662 Central av, Cincinnati, O.
Haisler Bros. Co., 740 N Franklin, Chicago, Ill.
Hamburg Broom Works, Hamburg, Pa.
Hendee C. C. Co. (Wire), 48 7th, Milwaukee, Wis.
Herrick P. R. & Co., 3843 W Lake, Chicago, Ill.
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Indianapolis Brush & Broom Mfg. Co. ("Capitol," Rattan, Bamboo, African Bass, Wire, etc), 26 Brush, Indianapolis, Ind.
Lang Broom Co., 2029 Chateau, Pittsburgh, Pa.
Lay Jos. Co. (Bamboo, Rattan, Wire, etc), Ridgeville, Ind.
Manhattan Brush Co., 629 E 16th, New York
Manhattan Hickory Broom Co., 171 3d av, New York
Mass. Commission for the Blind ("Efficiency," "M. C. B."), Cambridge, Mass.
Merkle-Wiley Broom Co., Paris, Ill.
Mulholland Wm., 79 White, New York
Opie J. W. Brush Co., Kansas City, Mo.
Cleveland Osborn Mfg. Co. (Fibre), 5405 E Hamilton, Cleveland, O.
Ox Fibre Brush Co. ("Ox Fibre"), Frederick, Md.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Thompson Leon C., Concord, N. H.

1506— Brooms (Rattan)

Bookhop F. H., 151 38th, Brooklyn, N. Y.
Boyer A. Broom Co., Galesburg, Ill.
Bunck John J. & Co., 155 Chambers, New York
Indianapolis Brush & Broom Mfg. Co. ("Capital"), 26 Brush, Indianapolis, Ind.
Lay Jos. Co. (Push, etc), Ridgeville, Ind.
Manhattan Brush Co., 629 E 16th, New York
Mass. Commission for the Blind, Cambridge, Mass.
Opie J. W. Brush Co., Kansas, Mo.
Cleveland Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.

Ox Fibre Brush Co., Frederick, Md.
Reading Broom Co., Blandon, Pa.
Richmond Broom Co., Richmond, Va.
Zelnicker Walter A. Supply Co. (Also Bamboo & Japanese Fibre), 325 Locust, St. Louis, Mo.

1507—Brooms (Rotary Snow)

Consolidated Car Fender Co., Vale, Providence, R. I.

1508— Brooms (Steel Wire)

Blumenthal H. & Co., 241 Centre, New York
Gerhardt C. (For Brewers, etc), 591 Hudson, New York
Lay Jos. Co. (Push, etc), Ridgeville, Ind.
Cleveland Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Paxson J. W. Co., 1021 No Delaware av, Phila., Pa.
Pilley Flue Brush Co., 604 So 3d, St. Louis, Mo.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Worcester Brush & Scraper Co. ("Royal Worcester"), Worcester, Mass.

1509—Brooms (Street Sweeping)

Dennis W. J. & Co. (Steel, Wire), 2120 W Lake, Chicago, Ill.
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Hvass & Co., 511 E 18th, New York
Indianapolis Brush & Broom Mfg. Co., 26 Brush, Indianapolis, Ind.
Manhattan Brush Co., 629 E 16th, New York
Mass. Commission for the Blind, Cambridge, Mass.
Opie J. W. Brush Co., Kansas City, Mo.
Cleveland Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Pirrung Mfg. Co. (Wire), 4436 Greenview av, Chicago, Ill.

1510—Brooms (Street Sweeping Machines)

Cleveland Osborn Mfg. Co. (Rotary), 5405 E Hamilton, Cleveland, O.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.

1511—Brooms (Street & Stable)

Bardall J. C. Co., Moundsville, W. Va.
Blumenthal H. & Co., 241 Centre, New York
Bookhop F. H., 151 38th, Brooklyn, N. Y.
Boyer A. Broom Co., Galesburg, Ill.
Chicago Brush Mfg. Co., 412 W Erie, Chicago, Ill.
Cleveland Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Darby Edw. & Sons Co. (Steel Wire), 239 Arch, Phila., Pa.
Harrah & Stewart Mfg. Co., Des Moines, Ia.
Herbert Brush Mfg. Co., Kingston, N. Y.
Herrick P. R. & Co., 3843 W Lake, Chicago, Ill.
Hunter Brush Mfg. Co. (Cane, Wire, Reed or Fibre), Blanchester, O.
Indianapolis Brush & Broom Mfg. Co., 26 Brush, Indianapolis, Ind.
Mass. Commission for the Blind, Cambridge, Mass.
Opie J. W. Brush Co., Kansas City, Mo.
Ox Fibre Brush Co., Frederick, Md.
Reading Broom Co., Blandon, Pa.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.

1512— Brooms (Whisk)

Amsterdam Broom Co., Amsterdam, N. Y.
Arlington Works (The) (E. I. du Pont de Nemours & Co.), 21 E 40th, New York
Bardall J. C. Co., Moundsville, W. Va.
Bookhop F. H., 151 38th, Brooklyn, N. Y.
Brushbroom Co., 616 W Elm, Chicago, Ill.
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Chattanooga Broom & Mop Co, Chattanooga, Tenn
Cleveland Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Des Moines Broom Co., Des Moines, Ia.
Halsted Brush Co. ("Boston"), 71 Park pl, New York.
Harrah & Stewart Mfg. Co., Des Moines, Ia.
Hoag Duster Co., Monticello, Ia.
Indianapolis Brush & Broom Mfg. Co. ("Capitol"), 26 Brush, Indianapolis, Ind.
Lang Broom Co., 2029 Chateau, Pittsburgh, Pa.
Lee Broom & Duster Co. ("Lee"), Lincoln, Neb.
Miller Broom Co., La Crosse, Wis.
Mohawk Valley Broom Co., Fonda, N. Y.
Muckenfuss Mfg. Co., Spartanburg, S. C.
Meyers Broom Works, Omaha, Neb.
New Bremen Broom Co., New Bremen, O.
Pioneer Broom Co., Amsterdam, N. Y.
Ripple S. A. & Bros., 1208 Ridgely, Baltimore, Md.
Saart W. H. Co., Attleboro, Mass.
Southern Broom Mfg. Co., Atlanta, Ga.
Southwestern Broom Mfg. Co., Evansville, Ind.
The Arlington Works (E. I. du Pont De Nemours & Co.) 21 E 40th, New York
Urbana Broom Co., Urbana, O.
Weymer A. F. Co., Syracuse, N. Y.
Whitney Henry & Co., Amsterdam, N. Y.
Wittemeier's F. Sons, Fort Hunter, N. Y.

1513-4—Brooms & Brushes (Track)

Brown, Lewis A. Co., 196 State, Boston, Mass.
Cleveland Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Indianapolis Brush & Broom Mfg. Co. ("Capitol"), 26 Brush, Indianapolis, Ind.
Lay Jos. Co. ("Victor"), Ridgeville, Ind.
Mass. Commission for the Blind ("M. C. B."), Cambridge, Mass.
Mulholland William, 79 White, New York
PILLEY FLUE BRUSH CO. (Steel Wire), 604 S 3rd, St. Louis, Mo.
Reading Broom Co. (Brooms), Blandon, Pa.
Worcester Brush & Scraper Co. ("Royal Worcester" Renewable), Worcester, Mass.

Brush Machinery

See Machinery Section

1515—*Brush Sets (Silver Plated)

International Silver Co., Meriden, Conn.

1516— Brushes (Air)

See also Brushes, Pneumatic Spray
Eclipse Air Brush Co. ("Eclipse"), 79 Orange, Newark, N. J.
De Vilbiss Mfg. Co. ("Aeron" System), Toledo, O.
Ideal Air Brush Co., 88 E 10th, New York
Paasche Air Brush Co., 1219 W Washington blvd, Chicago, Ill.
Star Brass Mfg. Co. ("Star" Compressed Air), 108 E Dedham, Boston, Mass.
Thayer & Chandler (Fountain), 913 W Vanburen, Chicago, Ill.
Wold Air Brush Mfg. Co., 716 W Madison, Chicago, Ill.

Brushes (Artists')

See Brushes, Paint, Kalsomine, Varnish, etc

1517—*Brushes (Auto Washing)

See also Vehicle Washers

Buller Brush Co., Hartford, Conn.
Hicks Howard W. Co., Denver, Col.
Hygenia Brush Co., 350 Park av, Worcester, Mass.
North Bridge Brush Co., Freeport, Ill.
Rubberset Co., 56 Ferry, Newark, N. J.
Sanitax Brush Co, 2333 S Wabash av, Chicago, Ill.

1518— Brushes (Bakers')

Rubberset Co., 56 Ferry, Newark, N. J.
Tottle Wm. A. & Co., 124 Hanover, Baltimore, Md.
Wooster Brush Works, Wooster, Ohio

1519—Brushes (Barrel & Keg Scrubbing Machine)

Cleveland Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Gerhardt C. (For Brewers), 591 Hudson, N. Y.
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Lay Jos. Co. (Carved), Ridgeville, Ind.
Opie J. W. Brush Co., Kansas City, Mo.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.

1520— Brushes (Bath)

Ames, Bonner Co. ("A. B. C."), Toledo, O.
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Herbert Brush Mfg. Co., Kingston, N. Y.
Hoyt Fred'k M. & Bro., Troy, N. Y.
New Jersey Brush Co. (Vegetable Fibre), Bloomfield, N. J.
North Bridge Brush Co., Freeport, Ill.
Ox Fibre Brush Co., Frederick, Md.
Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
Standard Brush Co. ("Favorite," "Handy," "Perfection," "Ideal"), New Hartford, Conn.
The Arlington Works, (E. I. du Pont De Nemours Co.), 21 E 40th, New York
Whiting J. L.-Adams J. J. Co., 690 Harrison av. Boston. Mass.

1521— Brushes (Bench)

See Brushes, Platers, Polishers, etc. See also Duster Mfrs.

1522—Brushes (Billiard Table)

Ames, Bonner Co., Toledo, O.
Cleveland Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Standard Brush Co., New Hartford, Conn.

Brushes (Boiler Flue)

See Cleaners, Boiler Flue & Tube, Brushes

1522a— Brushes (Bonnet)

The Arlington Works (E. I. du Pont De Nemours Co.), 21 E 40th, New York

1523—Brushes (Bookbinders')

Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Devoe & Raynolds Co. Inc., 101 Fulton, New York
Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
Tottle Wm. A. & Co., 124 Hanover, Baltimore, Md.

1524-5-6—Brushes (Bottle)

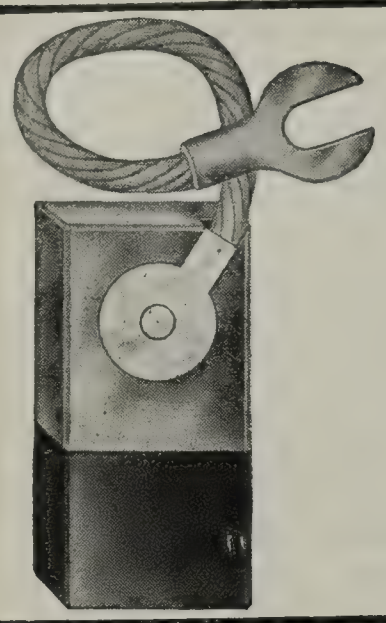
Bradley & Smith, 251 Pearl, New York
Burton A. & E. & Co., 73 Pearl, Boston Mass.
Cleveland Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Hahn Arthur W., Twisted Wire, 7 Dominick, New York
Hendee C. C. Co. (Wire), 48 7th, Milwaukee, Wis.
Hertzberg H. & Son (Wire Twisted), 96 Church, New York
Herbert Brush Mfg. Co., Kingston, N. Y.
Herrick P. R. & Co., 3843 W Lake, Chicago, Ill.
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Manhattan Brush Co., 1957 Pitkin av, Bklyn, N. Y.
North Bridge Brush Co., Freeport, Ill.
Opie J. W. Brush Co., Kansas City, Mo.
Poggensee Brush Co., 1710 N Winchester av, Chicago, Ill.
Pollock Brush Co., Easton, Pa.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Tyer Rubber Co. (Wire), Andover, Mass.
Worcester Brush & Scraper Co., Worcester, Mass.

Brushes (Bowling Alley)

See Brushes, Floor Polishing

1527— Brushes (Brewers')

Blumenthal H & Co., 241 Centre, New York
Gerhardt C., 591 Hudson, New York
Grau Bros., 1662 Central av, Cincinnati, O.
Opie J. W. Brush Co., Kansas City, Mo.
Ox Fibre Brush Co., Frederick, Md.
Poggensee Brush Co., 1710 N Winchester av, Chicago, Ill.
Rochester Brush Mfg. Co., Rochester, N. Y.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.



Le Valley Vitae Carbon Brush Co.

Manufacturers of

CARBON BRUSHES

Brushes in Carbon, Graphite, Combined Metal and Graphite for all Types of Dynamos and Motors

A Suitable Grade for Every Service

Head Office, 531 West 23rd Street - - New York

1528—Brushes (Butchers' Block)

Darby Edw. & Sons Co., 239 Arch, Phila., Pa.
Dennis W. J. & Co. (Steel Wire), 2120 W Lake, Chicago, Ill.
Hanlon & Goodman Co., 270 Pearl, New York
Opie J. W. Brush Co., Kansas City, Mo.
Cleveland Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Peerless Mfg. Co. ("Peerless") New Durham, N. H.

1529—Brushes (Canners' Machine, Etc.)

Cleveland Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Indianapolis Brush & Broom Mfg. Co. ("Capitol"), 26 Brush, Indianapolis, Ind.
Ox Fibre Brush Co., Frederick, Md.

Brushes (Car Washing)

See Brushes, Window

1530— Brushes (Carbon)

American Carbon & Battery Co., East St. Louis, Ill.
Baylis Co., Bloomfield, N. J.
Boxill & Bruel, Indianapolis, Ind.
Calebaugh-Block Self-Lubricating Carbon Co ("No-Spark"), 1503 W Columbia av, Phila, Pa.
Chapin Chas. E. Co., 201 Fulton, New York
Cooley Mfg. Co., Inc., 98 Park pl, New York
Corliss Carbon Co., Bradford, Pa.
Fleck Carbon Co., 71 W B'way, New York
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hart & Co. ("Langleben," Self Lubricating), Fostoria, O.
Jeandron W. J. ("Le Carbone), 172 Fulton, New York
LE VALLEY VITAE CARBON BRUSH CO. (Self Lubricating), 521 W 23d, New York
See adv index at end of book
Mikesell Bros. Co. (for Motors), 176-178 N La Salle, Chicago, Ill.
Mitchell-Rand Mfg. Co., 99 John, New York
Morgan Crucible Co. ("Morganite"), 519 W 38th, New York
National Carbon Co. ("Pyramid" Brand, Graphite or Metal Composition), Madison av, N. W. & W 117th, Cleveland, O.
Nungesser Carbon & Battery, Works of Nat'l Carbon Co (& Metal), 1170 E 38th, Cleveland, O.
Otter Mfg. Co., Inc., 243 W 17th, New York
Perfection Supply Co., 98 Park pl, New York
Pittsburgh Carbon Brush Co., 512 E Diamond, Pittsburgh, N S, Pa.
Pure Carbon Co. (Tungsten Carbon), Wellsville, N. Y.
Sorgel Electric Co., Milwaukee, Wis.
Speer Carbon Co. ("Long Life," Self Lubricating), St. Marys, Pa.
Stackpole Carbon Co., St. Mary's, Pa.
Universal Carbon Co., Dundee, Ill.
Van Nort Carbon Brush Co., St. Louis, Mo.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

1531-2—Brushes (Carpet Sweeper)

Miles Bros. & Co., 1957 Pitkin av, Brooklyn, N. Y.
Standard Brush Co., New Hartford, Conn.
Wooster Brush Co., Wooster, O.

Brushes (Casting, Steel Wire)

See Brushes, Steel Wire

1533— Brushes (Celluloid)

Celluloid Co., 36 Washington pl, New York
Rubberset Co., 56 Ferry, Newark, N. J.

1534— Brushes (Chimney)

Browne F. W. (Wire), Farmington, N. H.
Gilman Snow Guard Co. (wire), 103 Merrimac, Boston, Mass.
Hahn Arthur W., Twisted Wire, 7 Dominick, New York
Peerless Mfg. Co. ("Peerless") New Durham, N. H.

1534a— Brushes (Complexion)

Rubberset Co., 56 Ferry, Newark, N. J.
The Arlington Works (E. I. du Pont De Nemours & Co., 21 E 40th, New York

Brushes (Copper)

See Brushes, Sheet Metal

1535— Brushes (Corn Drill)

Tottle Wm. A. & Co., 124 Hanover, Baltimore, Md.

1536— Brushes (Cuspidor)

Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
North Bridge Brush Co., Freeport, Ill.
Opie J. W. Brush Co., Kansas City, Mo.
Cleveland Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Ox Fibre Brush Co., Frederick, Md.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.

1537—Brushes (Cylinder or Wheel Bottom)

Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Hanlon & Goodman Co., 270 Pearl, New York
Schaefer, McLaughlin Co. (Cylinder), 395 Reed, Milwaukee, Wis.

1538— Brushes (Dust)

Bradley & Smith, 251 Pearl, New York
Carroll Bros. & Co., 415 W Baltimore, Baltimore, Md.
Grand Rapids Brush Co., Grand Rapids, Mich.
North Bridge Brush Co., Freeport, Ill.
Opie J. W. Brush Co., Kansas City, Mo.
Ox Fibre Brush Co., Frederick, Md.
Pollock Brush Co., Easton, Pa.
R. I. Brush Co. (Reversible), 50 Daniel av, Providence, R. I.
Rubberset Co., 56 Ferry, Newark, N. J.
Tottle Wm. A. & Co., 124 Hanover, Baltimore, Md.
Wax Brush Co. ("Bwaxo"), 56 Sanford, Boston, Mass.
Whiting John L.-J. J. Adams Co., 690 Harrison av, Boston, Mass.
Wooster Brush Co., Wooster, O.

1539—Brushes (Dustless Floor)

Inlaid Floor Co., 18th & Alabama, San Francisco, Cal., & 4067 Watts, Emeryville, Cal.
Milwaukee Dustless Brush Co., 22d & Sycamore, Milwaukee, Wis.
North Bridge Brush Co., Freeport, Ill.
Opie J. W. Brush Co., Kansas City, Mo.
Tate E. H. Mop & Cordage Co. ("Best Quality"), 15 Chardon, Boston, Mass.

1540—Brushes (Fibre, Vegetable)

National Brush Co. (Wooden Back and Staple), Aurora, Ill.
New Jersey Brush Co. ("Enjabeco), Bloomfield, N. J.
North Bridge Brush Co., Freeport, Ill.
Ox Fibre Brush Co. (Wooden Back and Staple Driven), Frederick, Md.

Brushes (File)

See Cards, File

1541—Brushes (Floor Polishing)

Baum Bros. Co., Denver, Col.
Bradley & Smith, 251 Pearl, New York
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Cleveland Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Devoe & Raynolds Co. Inc., 101 Fulton, New York
Duncan Bros. & Wray Co. ("Ideal"), Ludlow Falls, O.
French Sam'l H. & Co., 4th & Callowhill, Phila., Pa.
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Hunter Brush Mfg. Co., Blanchester, O.
Indianapolis Brush & Broom Mfg. Co., 26 Brush, Indianapolis, Ind.
New Jersey Brush Co., Bloomfield, N. J.
Standard Brush Co., New Hartford, Conn.
Tottle Wm. A. & Co., 124 Hanover, Baltimore, Md.
Wax Brush Co. ("Bwaxo"), 56 Sanford, Boston, Mass.
Whiting J. L.-Adams J. J. Co., 690 Harrison av, Boston, Mass.
Wood-Mosaic, New Albany, Ind.

1542-3—Brushes (Floor Sweeping)

Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Carroll Bros. & Co., 415 W Baltimore, Baltimore, Md.
Chicago Brush Mfg. Co., 412 W Erie, Chicago, Ill.
Cleveland Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.

Culicover M., 41 Fulton, New York
Felton D. D. Brush Co., Atlanta, Ga.
Felton S. A. & Son Co., Manchester, N. H.
Friedlander Paul N., 337 B'way, New York
Hanlon & Goodman Co., 270 Pearl, New York
Herbert Brush Mfg. Co., Kingston, N. Y.
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Indianapolis Brush & Broom Mfg. Co. ("Capitol," Fibre, Hair, Bristles, etc), 26 Brush, Indianapolis, Ind.
Milton Chemical Co. ("B-B," Dustless), 156 Sixth, Cambridge, Mass.
New Jersey Brush Co., Bloomfield, N. J.
North Bridge Brush Co., Freeport, Ill.
Opie J. W. Brush Co., Kansas City, Mo.
Pirrung Mfg. Co., 4436 Greenview av, Chicago, Ill.
Pollock Brush Co., Easton, Pa.
Rhode Island Brush Co., 50 Daniel av, Providence, R. I.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Spring Handle Co., Abingdon, Ill.
Whiting J. L.-Adams J. J. Co.. 690 Harrison av, Boston, Mass.

Brushes (Floor Waxing)

See Brushes, Floor Polishing

1544— Brushes (Flue)

See also Brushes, Steel Wire
See also Cleaners, Flue

Browne F. W. (Wire), Farmington, N. H.
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Cleveland Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Farmington Brush & Scraper Co., Farmington, N. H.
Household Appliance Co., Neenah, Wis.
Lay Jos. Co., Ridgeville, Ind.
North Bridge Brush Co., Freeport, Ill.
Peerless Mfg. Co. ("Peerless"), New Durham, N. H.
Pilley Packing & Flue Brush Mfg. Co., 608 S Third, St. Louis, Mo.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee. Wis.

1545—Brushes (Foundry, Machine & Factory)

See also Brushes, Steel Wire

Cleveland Osborn Mfg. Co. (Railroad Brushes), 5405 E Hamilton, Cleveland, O.
Bradley & Smith, 251 Pearl, New York
Brown Cotton Gin Co., New London, Conn.
Browne F. W. (Wire Casting, etc), Farmington, N. H.
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Chicago Brush Mfg. Co., 412 W Erie, Chicago, Ill.
Clinton E. & Co., 2119 Arch, Phila., Pa.
Darby Edw. & Sons Co. (Wire), 239 Arch, Phila., Pa.
Dennis W. J. & Co. (Steel Wire), 2120 W Lake, Chicago, Ill.
Devoe & Raynolds Co., Inc. (Steel Wire, etc.), 101 Fulton, New York.
Earle Brush Co., Columbia, Pa.
Empire Brush Wks, 1311 N Robey, Chicago, Ill.
Farmington Brush & Scraper Co., Farmington, N. H.
Federal Foundry Supply Co., 2639 E 79th, Cleveland, O.
Felton S. A. & Son Co., Manchester, N. H.
Flint Warren F. Co. (Steel), 220 Franklin, Boston, Mass.
Foot Mfg. Co., 36 Germania av, Jersey City, N. J.
Gilbert & Bennett Mfg. Co. (Wire), Georgetown, Conn.
Gilman Snow Guard Co. (Wire casting, etc.), 103 Merrimac, Boston, Mass.
Goode W. P. Brush Co., 136 North, Boston, Mass.
Haisler Bros. Co. (Machine, etc), 740 N Franklin, Chicago, Ill.
Hanlon & Goodman Co., 270 Pearl, New York
Hardy Frank H., Andover, Mass.
Heilman Machine Works, Evansville, Ind.
Herold Bros., 62 Public sq, Cleveland, O.
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Hunter Brush Mfg. Co., Blanchester, O.
Indianapolis Brush & Broom Mfg. Co. (Rattan Mixed), 26 Brush, Indianapolis, Ind.
Lay Jos. Co. (Bristle, Wire, etc), Ridgeville, Ind.
McCormick J. S. Co., 25th A. V. R. R., Pittsburgh, Pa.
Mason Brush Works, Worcester, Mass.
Mulholland William, 79 White, New York
National Brush Co., Aurora, Ill.
Opie J. W. Brush Co., Kansas City, Mo.
Packard A. & Co., 166 Commercial, Boston, Mass.
Paxson J. W. Co., 1021 No Delaware av, Phila., Pa.
Peerless Mfg. Co. ("Peerless") New Durham, N. H.
Pilley Flue Brush Co. (Steel Wire), 604 S 3rd, St. Louis, Mo.
Pollock Brush Co., Easton, Pa.
Riddiford Bros. (Specialty Machine Brushes), 30 S Wells, Chicago, Ill.
Rochester Brush Mfg. Co., Rochester, N. Y.
Schaefer, McLaughlin Co. (Fdry., Mch. & Factory), 395 Reed, Milwaukee, Wis.
Shanafelt Mfg. Co. (Big Brush for the Foundry), Canton, O.
Stevens Frederick B., 3d & Larned, Detroit, Mich.
Thayer P. E. & Co., Pawtucket, R. I.
Thum Charles D., 150 N 3d, Phila., Pa.
Voelker Philip L., 2 Bucklin, Providence, R. I.
Ward J. B. & Sons, Paterson, N. J.
Warner Wm. E., 136 Centre, New York
Woodison E. J. Co. (Wire & Hair), Detroit, Mich.
Worcester Brush & Scraper Co. ("Royal" Worcester Casting Brush), Worcester, Mass.

1546—Brushes (Glass Cutters')

Indianapolis Brush & Broom Mfg. Co. ("Capitol"), 26 Brush, Indianapolis, Ind.

Brushes (Graining)

See Brushes, Paint, Varnish, etc.

1547— Brushes (Graphite)

American Carbon & Battery Co., East St. Louis, Ill.
Chapin Chas. E. Co., 201 Fulton, New York
Dixon, Joseph Crucible Co., Jersey City, N. J.
Fleck Carbon Co., 71 W B'way, New York
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Graphite Metallizing Corp., Yonkers, N. Y.
Holmes-Fibre Graphite Mfg. Co., 5155 Wakefield, Phila., Pa.
Lederer F. J. Co., 400 Guilford, Buffalo, N. Y.
Morgan Crucible Co., 519 W 38th, New York
Nungesser Carbon & Battery Wks of Nat'l Carbon Co., 1170 E 38th, Cleveland, O.
Speer Carbon Co., St. Marys, Pa.
United States Graphite Co., Saginaw, Mich.

1548—Brushes (Hat, Clothes & Hair)

Alpha Brush Co ("Porslyn," "Spotless"), Troy, N. Y.
Ames, Bonner Co. ("A. B. C."), Toledo, O.
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Celluloid Co., 36 Washington, New York
Crescent Brush Works, Troy, N. Y.
Hahn Arthur W. (Twisted Wire), 7 Dominick, New York
Herbert Brush Mfg. Co., Kingston, N. Y.
Hoyt Fred'k M. & Bro., Troy, N. Y.
Mohawk Brush Co., Albany, N. Y.
Monarch Brush Co., Troy, N. Y.
New Jersey Brush Co. (Clothes & Hat only), Bloomfield, N. J.
North Bridge Brush Co., Freeport, Ill.
Ox Fibre Brush Co., Frederick, Md.
Rubberset Co., 56 Ferry, Newark, N. J.
Sonn A. L. Brush Co. ("Eclipse" Aluminum Faced), Troy, N. Y.
Standard Brush Co., New Hartford, Conn.
The Arlington Works (E. I. du Pont De Nemours & Co., 21 E 40th, New York
United States Brush Co., Potsdam, N. Y.
Whiting J. L.-Adams J. J. Co.. 690 Harrison av, Boston, Mass..

1549— Brushes (Horse)

Ames, Bonner Co. ("A. B. C."), Toledo, O.
Bookhop F. H., 145 38th, Brooklyn, N. Y.
Bradley & Smith, 251 Pearl, New York
Bromwell Brush & Wire Goods Co., 612 W 6th, Cincinnati, O.
Buckeye Churn Co., Sidney, O.
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Chicago Brush Mfg. Co., 412 W Erie, Chicago, Ill.
Cleveland Osborn Mfg. Co. (Wire), 5405 E Hamilton, Cleveland, O.
Darby Edw. & Sons Co. (Leather Back Bristle; Also Wire, Fibre & Rice Root), 239 Arch, Phila., Pa.
Earle Brush Co., Columbia, Pa.
Felton S. A. & Son Co., Manchester, N. H.
Grand Rapids Brush Co., Grand Rapids, Mich.
Haisler Bros. Co., 740 No Franklin, Chicago, Ill.
Hanlon & Goodman Co., 270 Pearl, New York
Hendee C. C. Co. (Wire "Dandy"), 48 7th, Milwaukee, Wis.
Herbert Brush Mfg. Co., Kingston, N. Y.
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Hunter Brush Mfg. Co.(Fibre & Bristle), Blanchester, O.
India Palmetto Brush Co., 720 Grand River av, Detroit, Mich.
Lay Jos. Co. ("Victor"), Ridgeville, Ind.
National Brush Co., Aurora, Ill.
Nelms & Co., 407 Commerce, Phila., Pa.
New Jersey Brush Co., Bloomfield, N. J.
North Bridge Brush Co., Freeport, Ill.
Opie J. W. Brush Co., Kansas City, Mo.
Ox Fibre Brush Co. ("Ox Fibre"), Frederick, Md.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Schott J. B. Saddlery & Mfg. Co., Quincy, Ill.
Standard Brush Co. ("Jockey," "Handy," "Rub & Kurry," "Fleetwood," "Charter Oak," "Solid Back"), New Hartford, Conn.
Wetherbee Geo. C. & Co., 49 Jefferson av, Detroit, Mich.
Whiting J. L.-J. J. Adams Co., 690 Harrison av, Boston, Mass.

1550—Brushes (Hot Water Heater)

Browne F. W. (Wire), Farmington, N. H.
Cleveland Osborn Mfg. Co. (Wire, Bristle or Fibre), 5405 E Hamilton, Cleveland, O.
Darby Edw. & Sons Co. (Wire), 239 Arch, Phila., Pa.
Farmington Brush & Scraper Co., Farmington, N. H.
Flint Warren F. Co. (For Sectional Heaters), 220 Franklin, Boston, Mass.
Mulholland William, 79 White, New York
Opie J. W. Brush Co., Kansas City, Mo.
PILLEY FLUE BRUSH CO. (Wire), 604 S 3d, St. Louis, Mo.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.

1551—Brushes (Lithographers')

Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.

Brushes (Marking)

See Brushes, Stencil

1552— Brushes (Milk Can)

Hanlon & Goodman Co., 270 Pearl, New York
North Bridge Brush Co., Freeport, Ill.
Opie J. W. Brush Co., Kansas City, Mo.
Ox Fibre Brush Co., Frederick, Md.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Standard Brush Co. ("Dairy Queen," "Solid Back"), New Hartford, Conn.

1552a— *Brushes (Military)

SCHIMPER WILLIAM & CO., 322-338 Ferry, Hoboken, N. J., & 33 Union sq W, New York

1553— Brushes (Nail)

Ames, Bonner Co. ("A. B. C."), Toledo, O.
New Jersey Brush Co. (Leather Back), Bloomfield, N. J.
North Bridge Brush Co., Freeport, Ill.
Ox Fibre Brush Co., Frederick, Md.
Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
Standard Brush Co., New Hartford, Conn.
The Arlington Works (E. I. du Pont De Nemours & Co. (Nail or Hand), 21 E 40th, New York
Whiting J. L.-J. J. Adams Co., 690 Harrison av, Boston, Mass.

1554—Brushes (Paint, Kalsomine, Varnish, Etc.)

Ames-Bonner Co. ("A. B. C."), Toledo, O.
Baker Brush Co. (Sign Writers', Artists', Soft Hair, Varnish, etc), 83 Grand, New York
Bradley & Smith, 251 Pearl, New York
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Carroll Bros. & Co., 415 W Baltimore, Baltimore, Md.
Chicago Brush Mfg. Co., 412 W Erie, Chicago, Ill.
Cleveland Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Clinton E. & Co., 2119 Arch, Phila., Pa.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Dilley Wm., 22 N 5th av, Chicago, Ill.
Felton S. A. & Son Co., Manchester, N. H.
Fish Brush Factory, 4700 Lorain av, Cleveland, O.
Flynn Bros., Brush Mfg. Co., Troy, N. Y.
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
Gerts, Lumbard & Co., 221 W Randolph, Chicago, Ill.
Hanlon & Goodman Co., 270 Pearl, New York
Hunter Brush Mfg. Co., Blanchester, O.
Looby Wm. H., Centerbrook, Conn.
Lucas John & Co., 322 Race, Phila., Pa.
Miles Bros. & Co., 1957 Pitkin av, B'klyn, N. Y.
New Jersey Brush Co., Bloomfield, N. J.
Packard A. & Co., 166 Commercial, Boston, Mass.
Pitegoff Bros., 13 Crosby, New York
Pollock Brush Co., Easton, Pa.
Pushee Jno. C. & Sons, 3 Randolph, Boston, Mass.
Ramus C. F. W., East Boston, Mass.
Rennous, Kleinle & Co. ("Chinese"), 3221 Frederick av, Baltimore, Md.
Rodriguez R. E., 56 Warren, New York
Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Sheets Wm. H., Jr. Co., 121 S Charles, Baltimore, Md.
Thum Chas. D., 150 N 3d, Phila., Pa.
Thurston F. W. Co., 1832 S Clark, Chicago, Ill.
Tottle Wm. A. & Co., 124 Hanover, Baltimore, Md.
True Bros., Portland, Me.
United Brush Mfrs., 203 Lafayette, New York
Warner W. E., 136 Centre, New York
Whiting J. L.-J. J. Adams Co., 690 Harrison av, Boston, Mass.
Whittemore W. L. & Son, Hartford, Conn.
Wolfe Brush Co., 1805 Beaver av, Pittsburgh, Pa.
Wooster Brush Co. ("Wooster" Line), Wooster, O.

1555—Brushes (Paperhangers')

Paste, Smoothing, Stipplers, etc.

Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Cleveland Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Hanlon & Goodman Co., 270 Pearl, New York
New Jersey Brush Co., Bloomfield, N. J.
Opie J. W. Brush Co., Kansas City, Mo.
Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
Whiting J. L.-J. J. Adams Co., 690 Harrison av, Boston, Mass.

1556—Brushes (Platers', Polishers', Etc.)

Ames, Bonner Co. ("A. B. C."), Toledo, O.
Blumenthal H. & Co. (Brass, Copper & Circular, etc), 241 Centre, New York
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Cleveland Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Dixon Wm. (Wire, Bristle, etc, "Tampico" Goat Hair), 39 John, New York
Foot Mfg. Co. (Bristle & Wire Lathe, etc), 36 Germania av, Jersey City, N. J.
Gesswein F. W. Co., 16 John, New York
Gornell E. Sons Co., 547 Quincy, Chicago, Ill.
Haisler Bros. Co., 740 N Franklin, Chicago, Ill.
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Mahler P. & Sons, 299 Pearl, New York
Manufacturers' Brush Co. ("Advance" Sectional), 1958 W 45th, Cleveland, O.
National Brush Co., Aurora, Ill.
Newark Brush Co., 253 Mulberry, Newark, N. J.
North Bridge Brush Co., Freeort, Ill.
Opie J. W. Brush Co., Kansas City, Mo.
Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
Standard Brush Co., New Hartford, Conn.

1557—Brushes (Pneumatic Spray)

See Also Brushes Air

Eclipse Air Brush Co., 79 Orange, Newark, N. J.
Eureka Pneumatic Spray Co., 62 9th av, New York
Fixture Spray Co., 545 W 22d, New York
Liquid Carbonic Co., 3100 S Kedzie av, Chicago, Ill.
Metals Coating Co. of Am., 100 Summer, Boston, Mass.
Paasche Air Brush Co., 1219 W Washington blvd, Chicago, Ill.
Sray Engineering Co. ("Spraco") Paint Gun), 93 Federal, Boston, Mass.
Star Brass Works ("Binks"), 3114 Carroll av, Chicago, Ill.
Vapor Valve Co., St. Louis, Mo.

1558—Brushes (Power For Use With)

SCHAEFER, McLAUGHLIN CO., 395 Reed, Milwaukee, Wis.

1559— Brushes (Radiator)

Ames, Bonner Co., Toledo, O.
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Cleveland Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Culicover M., 41 Fulton, New York
Dennins O. Sons, Troy, N. Y.
Dennis W. J. & Co. (Steel Wire), 2120 W Lake, Chicago, Ill.
Hahn Arthur W., Twisted Wire, 7 Dominick, New York
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Hunter Brush Mfg. Co. (Horsehair), Blanchester, O.
Keyes-Davis Co., Battle Creek, Mich.
King Mfg. Co., Newark, N. J.
North Bridge Brush Co., Freeport, Ill.
Opie J. W. Brush Co., Kansas City, Mo.
Pollock Brush Co., Easton, Pa.
Pilley Flue Brush Co., 604 S 3d, St. Louis, Mo.
Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Tottle Wm. A. & Co., 124 Hanover, Baltimore, Md.
Warren A. J. Brush Co., 79 Elm, Cincinnati, O.
Whiting J. L.-J. J. Adams Co., 700 Harrison av, Boston, Mass.

1560— Brushes (Railroad)

Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Cleveland Osborn Mfg. Co. (All Kinds), 5405 E Hamilton, Cleveland, O.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Indianapolis Brush & Broom Mfg. Co. ("Capitol"), 26 Brush, Indianapolis, Ind.
Opie J. W. Brush Co. (All Kinds), Kansas City, Mo.
Pollock Brush Co., Easton, Pa.
Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Thum Chas. D., 150 N 3d, Phila., Pa.
Tottle, Wm. A. & Co., 124 Hanover, Baltimore, Md.
Wolfe Brush Co., 1805 Beaver av, Pittsburgh, Pa.

1561— Brushes (Roofing)

Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Chicago Brush Mfg. Co., 412 W Erie, Chicago, Ill.
Cleveland Osborn Mfg. Co. (Roof Paint), 5405 E Hamilton, Cleveland, O.
Darby Edw. & Sons Co., 239 Arch, Phila., Pa.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Hanlon & Goodman Co., 270 Pearl, New York

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Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Indianapolis Brush & Broom Mfg. Co., 26 Brush, Indianapolis, Ind.
Lay Jos. Co., Ridgeville, Ind.
New Jersey Brush Co. ("Tomahawk" Tar, "Dakota" Flat), Bloomfield, N. J.
Opie J. W. Brush Co., Kansas City, Mo.
Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Tottle Wm. A. & Co., 124 Hanover, Baltimore, Md.
Whiting J. L.-J. J. Adams Co., 690 Harrison av, Boston, Mass.

1562— Brushes (Rubber)

Bailey C. J. & Co., 22 Boylston, Boston, Mass.
Faultless Rubber Co., Ashland, O.
Tyer Rubber Co. (Bath, Shampoo, Flesh & Toilet), Andover, Mass.

1563— Brushes (Scrubbing)

Ames, Bonner Co. ("A. B. C."), Toledo, O.
Blumenthal, H. & Co., 241 Centre, New York
Bromwell Brush & Wire Goods Co., 612 W 6th, Cincinnati, O.
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Chicago Brush Mfg. Co., 412 W Erie, Chicago, Ill.
Cleveland Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Darby Edw. & Sons Co. (Wire), 239 Arch, Phila., Pa.
Dennis W. J. & Co., 2120 W Lake, Chicago, Ill.
Earle Brush Co., Columbia, Pa.
Eisenmann S. J., 369 B'way, New York
Gerts Lumbard & Co., 221 W Randolph Chicago, Ill.
Hanlon & Goodman Co., 270 Pearl, New York
Hendee C. C. Co., 48 7th, Milwuakee, Wis
Herrick P. R. & Co., 3843 W Lake, Chicago, Ill.
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Hunter Brush Mfg. Co. (Fibre, etc), Blanchester, O.
India Palmetto Brush Co., 720 Grand River av, Detroit, Mich.
Indianapolis Brush & Broom Mfg. Co. ("Capitol"), 26 Brush, Indianapolis, Ind.
Lay Jos. Co., Ridgeville, Ind.
Milford Mfg. Co. ("All Angle"), Mansfield, O.
National Brush Co., Aurora, Ill.
New Jersey Brush Co. ("Rajah" Palm Fibre Deck), Bloomfield, N. J.
North Bridge Brush Co., Freeport, Ill.
Opie J. W. Brush Co., Kansas City, Mo.
Ox Fibre Brush Co., Frederick, Md.
Pittsburgh Brush Co., 324 Liberty av, Pittsburgh, Pa.
Pollock Brush Co., Easton, Pa.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Standard Brush Co. ("Kleenquick," "Dude," "Tot," "Solid Back," "Pollywog," "Toad," "Frog"), New Hartford, Conn.
Thurnauer G. M. Co., 6 E 20th, New York
Whiting J. L.-J. J. Adams Co., 690 Harrison av, Boston, Mass.
Wolfe Brush Co., 1805 Beaver av, Pittsburgh, Pa.

1564—Brushes (Set-In-Rubber)

Erskine James Lowe Co. (Mfrs.), 462 Greenwich, New York
Hanlon & Goodman Co. ("Rubristo"), 270 Pearl, New York
Pitegoff Bros., 13 Crosby, New York
Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Tottle Wm. A. & Co., 124 Hanover, Baltimore, Md.
Whiting Jno. L. & J. J. Adams Co., 690 Harrison av, Boston, Mass.

1565—Brushes (Sewer Cleaning)

Cleveland Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Flint Warren F. Co., 220 Franklin, Boston, Mass.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.

1566— Brushes (Shaving)

Ascher, Leopold Co., 118 6th av, New York
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Cattaraugus Cutlery Co., Little Valley, N. Y.
Kampfe Bros. ("Kambro" Set in Rubber), 3303 Atlantic av, Brooklyn, N. Y.
Mayd-Well Brush Co., ("Mayd-Well"), Troy, N. Y.
North Bridge Brush Co., Freeport, Ill.
Pitegoff Bros., 13 Crosby, New York
Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
The Arlington Works (E. I. du Pont De Nemours & Co.), 21 E 40th, New York
Whiting, J. L.-J. J. Adams Co., 690 Harrison av, Boston, Mass.

1567— Brushes (Sheet Metal)

Chapin Chas. E. Co., 201 Fulton, New York
Cutler-Hammer Mfg. Co., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Eureka Co., North East, Pa.
Fleck Carbon Co., 71 W B'way, New York
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Ohio Elec. Specialty Mfg. Co., Troy, O.
Perfection Supply Co. ("Dynamo"), 98 Park pl, New York
Phila. Electrical & Mfg. Co. ("Pemco"), 1236 N 31st, Phila., Pa.
Walsh J. F., Pittsfield, Mass.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

1568— Brushes (Shoe)

Ames, Bonner Co. ("A. B. C."), Toledo, O.
Bradley & Smith,-251 Pearl, New York
Bromwell Brush & Wire Goods Co., 612 W 6th, Cincinnati, O.
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Cleveland Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Dennins O. Sons, Troy, N. Y.
Earle Brush Co., Columbia, Pa.
Gilbert E. T. Mfg. Co. (Polishers), Rochester, N. Y.
Herbert Brush Mfg. Co., Kingston, N. Y.
Hoyt Fred'k M. & Bro., Troy, N. Y.
Huther Bros. Saw Mfg. Co., Rochester, N. Y.
See adv index at end of book
Lay Jos. Co., Ridgeville, Ind.
Monroe Novelty Co., Rochester, N. Y.
National Brush Co., Aurora, Ill.
North Bridge Brush Co., Freeport, Ill.
Ox Fibre Brush Co., Frederick, Md.
Parks & Parks, Troy, N. Y.
Pollock Brush Co., Easton, Pa.
Standard Brush Co., New Hartford, Conn.
Thayer P. E. & Co., Pawtucket, R. I.
Whiting J. L.-J. J. Adams Co., 690 Harrison av, Boston, Mass.

1569— Brushes (Sink)

Bookhop F. H., 151 38th, Brooklyn, N. Y.
Bradley & Smith, 251 Pearl, New York
Cleveland Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Darby Edw. & Sons Co., 239 Arch, Phila., Pa.
Farmington Brush & Scraper Co., Farmington, N. H.
Fischer Bros. & Corwin, 635 N 3d, Newark, N. J.
Fogarty Philip & Co. ("Anchor"), 43 Wyona, Brooklyn, N Y
Hamblin & Russell Mfg. Co. ("H. & R." Wire), Worcester, Mass.
Hendee C. C. Co. (Wire), 48 7th, Milwaukee, Wis.
Hunter Brush Mfg. Co. (Fibre, etc), Blanchester, O.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
National Brush Co., Aurora, Ill.
North Bridge Brush Co., Freeport, Ill.
Opie J. W. Brush Co., Kansas City, Mo.
Ox Fibre Brush Co., Frederick, Md.
Parker Wire Goods Co. (Wire), Worcester, Mass.
Peerless Mfg. Co. ("Peerless" Wire), New Durham, N. H.
Pilley Flue Brush Co., 604 S 3d, St. Louis, Mo.
Plunkett Chas., 205 Duane, New York
Spencer Wire Co. (Wire), Worcester, Mass.
Thurnauer G. M. Co., 6 E 20th, New York
Woods-Sherwood Co. (Wire), Worcester, Mass.

1570— *Brushes (Special)

SCHAEFER, McLAUGHLIN CO. (Special Brushes made from Blue Prints), 395 Reed, Milwaukee, Wis.
Rubberset Co., 56 Ferry, Newark, N. J.

1571— Brushes (Spiral)

Browne F. W. (Wire), Farmington, N. H.
Cleveland Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Farmington Brush & Scraper Co., Farmington, N. H.
Foot Mfg. Co. (Bristle for Gunsmiths, Bottles, etc), 36 Germania av, Jersey City, N. J.
Gilman Snow Guard Co. (Wire), 103 Merrimac, Boston, Mass.
Household Appliance Co. (Wire), Neenah, Wis.
Opie J. W. Brush Co., Kansas City, Mo.
Peerless Mfg. Co., ("Peerless"), New Durham, N. H.
Pilley Flue Brush Co., 604 S 3d, St. Louis, Mo.

1572— Brushes (Steel Wire)

See also Brushes, Foundry, Machine, etc.
American Brush Corp., Inc. (Twisted), 700 W 22nd, Chicago, Ill.
American Stamping & Mfg. Co., Park bldg., Pittsburgh, Pa.
Browne F. W. (For Furnaces, Flues, Heaters, Castings, etc), Farmington, N. H.
Bunck Jno. J. & Co., 155 Chambers, New York
Blumenthal H. & Co., 241 Centre, New York
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Cleveland Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Darby Edw. & Sons Co., 239 Arch, Phila., Pa.
Dean O. M. & Sons, Worcester, Mass.
Dennis W. J. & Co. (Butcher, Radiator, Painters, File, Scratch, Foundry, etc), 2120 W Lake, Chicago, Ill.
Farmington Brush & Scraper Co., Farmington, N. H.
French Sam'l H. & Co., 4th & Callowhill, Phila., Pa.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Gilman Snow Guard Co. (For Furnaces, Flues, Heaters, Castings, etc), 103 Merrimac, Boston, Mass.
Halsted Brush Co., 71 Park pl, New York
Hanlon & Goodman Co., 270 Pearl, New York
Indianapolis Brush & Broom Mfg. Co. ("Capitol," Push, etc), 26 Brush, Indianapolis, Ind.
Mahler P. & Sons, 299 Pearl, New York
Opie J. W. Brush Co., Kansas City, Mo.
Peerless Mfg. Co. ("Peerless" for House Boilers), New Durham, N. H.
Phoenix Brush & Mfg. Co., 160 Wells, Chicago, Ill.
Pilley Flue Brush Co., 604 S 3d, St. Louis, Mo.
Ridgely Trimmer Co., Springfield, O.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Spencer Wire Co. (Sink, etc), Worcester, Mass.
Woodison E. J. Co., Detroit, Mich.

1573— Brushes (Stencil)

Bradley & Smith, 251 Pearl, New York
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Chicago Brush Mfg. Co., 142 W Erie, Chicago, Ill.
Cleveland Osborn Mfg. Co., 5405 Hamilton av, N W, Cleveland, O.
Devoe & Raynolds Co., Inc., 101 Fulton, New York

BRUSHES (STENCIL)—continued

Hanlon & Goodman Co. ("Perfection"), 270 Pearl, New York
Hunter Brush Mfg. Co., Blanchester, O.
Opie J. W. Brush Co., Kansas City, Mo
Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Whiting John L.-J. J. Adams Co., 690 Harrison av, Boston, Mass.
Tottle Wm. A. & Co., 124 Hanover, Baltimore, Md.

1574—Brushes (Stone Cleaning)

Opie J. W. Brush Co., Kansas City, Mo.
Peerless Mfg. Co. (("Peerless"), New Durham, N. H.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.

1575— Brushes (Stove)

Ames, Bonner Co. ("A. B. C."), Toledo, O.
Bradley & Smith, 251 Pearl, New York
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Cleveland Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Dennins' O. Sons, Troy, N. Y.
National Brush Co., Aurora, Ill.
Opie J. W. Brush Co., Kansas City, Mo.
Ox Fibre Brush Co. ("Ox Fibre"), Frederick, Md.
Pollock Brush Co., Easton, Pa.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Standard Brush Co., New Hartford, Conn.
Whiting John L.-J. J. Adams Co., 690 Harrison av, Boston, Mass.

Brushes (Street & Stable)

See Brooms, Street & Stable

1576— Brushes (Tailors')

Ames, Bonner Co. ("A. B. C."), Toledo, O.
Cleveland Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Opie J. W. Brush Co., Kansas City, Mo.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.

1577— Brushes (Tanners')

Rubberset Co., 56 Ferry, Newark, N. J.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.

Brushes (Tar)

See Brushes, Roofing

1578-9— Brushes (Tooth)

Bailey C. J. & Co., 22 Boylston, Boston, Mass.
Celluloid Co., 36 Washington pl, New York
Florence Mfg. Co., Florence, Mass.
Indexo Co., 33 W 42d, New York
North Bridge Brush Co., Freeport, Ill.
Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
(The Arlington Works) du Pont E. I. de Nemours & Co., 21 E 40th, New York
Wallace R. & Sons Mfg. Co., Wallingford, Conn.
White S. S. Dental Mfg. Co., 12th & Chestnut, Philadelphia, Pa.

Brushes (Tumbler)

See Brushes, Bottle

1580— Brushes (Type Cleaning)

Hendee C. C. Co., 47 7th, Milwaukee, Wis.

1581— Brushes (Vacuum Cleaner)

Ames, Bonner Co., Toledo, O.
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Schaefer McLaughlin Co., 395 Reed, Milwaukee, Wis.

1582—Brushes (Wheel, Steel Wire)

Cleveland Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.

Brushes (Whitewash)

See Brushes, Paint, Kalsomine, Varnish, etc.

1583— Brushes (Window)

See also Cleaners, Window

Blumenthal H. & Co., 241 Centre, New York
Bradley & Smith, 251 Pearl, New York
Bromwell Brush & Wire Goods Co., 612 W 6th, Cincinnati, O.
Burton, A. & E. & Co., 73 Pearl, Boston, Mass.
Carroll Bros. & Co., 415 W Baltimore, Baltimore, Md.
Cleveland Osborn Mfg. Co., 5405 Hamilton, Cleveland, O.
Darby Edw. & Sons Co., 239 Arch, Phila., Pa.
Dennis, W. J. & Co. ("W. J. Dennis," Rubber, Brass & Wood Frame), 2120 W Lake, Chicago, Ill.
Earle Brush Co., Columbia, Pa.
Herrick P. R. & Co., 3843 W Lake, Chicago, Ill.
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Hunter Brush Mfg. Co. (Bristle), Blanchester, O.
Indianapolis Brush & Broom Mfg. Co. ("Capital"), 26 Brush, Indianapolis, Ind.
Lay Jos. Co. ("Victor" Round & Flat), Ridgeville, Ind.
Miles Bros. & Co., 1957 Pitkin av, B'klyn, N. Y.
New Jersey Brush Co., Bloomfield, N. J.
North Bridge Brush Co., Freeport, Ill.
Opie J. W. Brush Co. (Car Washing), Kansas City, Mo.
Pollock Brush Co., Easton, Pa.
Rhode Island Brush Co., 50 Daniel av, Providence, R. I.
Rubberset Co., 56 Ferry, Newark, N. J.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Thayer P. E. & Co., Pawtucket, R. I.
Tottle Wm. A. & Co., 124 Hanover, Baltimore, Md.
Whiting J. L.-J. J. Adams Co., 690 Harrison av, Boston, Mass.

Brushes (Wire)

See Brushes, Steel Wire

1584—Brushes (Woven Wire)

For Dynamos & Motors

Barkelew Electric Mfg. Co. ("Sparkless"), Middletown, O.
Chapin Chas. E. Co. ("Dickey"), 201 Fulton, New York
Eureka Co., North East, Pa.
Flint Warren F. Co., 103 Merrimac, Boston, Mass.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Goldmark Jas. Co., (German-American), 83 Warren, New York
Hart & Co., Fostoria, O.
Ohio Electric Specialty Mfg. Co., Troy, O.
Perfection Supply Co., 98 Park pl, New York
Salem Electrical Supply Co., Salem, Mass.
Thompson-Bonney Co. ("Acme"), 18 Henry, Brooklyn, N. Y.
Worcester Brush & Scraper Co., Worcester, Mass.

1584a—*Buckets (Automatic)

See Also Buckets, Self-Dumping

THE HAYWARD COMPANY
DIGGING MACHINERY
50 CHURCH STREET, NEW YORK
See adv index at end of book

1585—Buckets (Bottom Dumping)

Acme Equipment & Engineering Co., Garfield bldg, Cleveland, O.
Akron Cultivator Co., Akron, O.
Atlas Car & Mfg. Co., Cleveland, O. *See adv index at end of book*
Atlanta Mfg. & Supply Co., Atlanta, Ga.
Biehl Iron Wks, Reading, Pa.
Easton Car & Construction Co., 156 Centre sq, Easton, Pa. *See adv index at end of book*
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J.
Insley Mfg. Co. (Controllable Center Dump), 3500 E St. Clair, Indianapolis, Ind.
Lakewood Engineering Co. ("Lakewood," "Eclipse," Ideal Controllable), Cleveland, O. *See adv index at end of book*

LAKEWOOD BUILT TO LAST The LAKEWOOD ENGINEERING Co. CLEVELAND. OHIO U.S.A

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa. *See adv index at end of book*
Littleford Bros., 444 E. Pearl, Cincinnati, O.
Mansfield Engineering Co. ("Pioneer"), Fletcher Savings & Trust bldg, Indianapolis, Ind.
McMyler-Interstate Co., Bedford, O.
Penn Foundry & Mfg. Co., Reading, Pa. *See adv index at end of book*

FOCHT, GEO. & SONS

Barrows
Coke
Foundry
Furnace Charging
Ore and Pig Iron
Steel Tray
Steel Tubular

Buckets
Bottom Dumping
Coal and Ore
Elevator and Conveyor
Self Dumping

Cars
Dumping
Drop Bottom
Dryer
Gas Coke
Foundry
Hot Metal or Slag
Industrial
Ingot
Mine and Ore
Plantation

GREY IRON CASTINGS

117-119 Adams Street Hoboken, N. J.

Sackett H. B. Screen & Chute Co., 1691 Elston av, Chicago, Ill.
STUEBNER G. L. IRON WORKS, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Tidewater Iron Works, Hoboken, N. J.
Union Iron Works, Hoboken, N. J.
Williams G. H. Co., Erie, Pa.

1586— Buckets (Center Dump)

Atlanta Mfg. & Supply Co., Atlanta, Ga.
Insley Mfg. Co. (Controllable), 3500 E St. Clair, Indianapolis, Ind.
Littleford Bros., 444 E. Pearl, Cincinnati, O.
STEUBNER G. L. IRON WORKS, (Controllable), Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Williams G. H. Co., Erie, Pa.

1587— Buckets (Clam Shell)

American Manganese Steel Co. ("Amsco," "Stag," Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
Blaw-Knox Co., Farmers Bk. bldg, Pittsburgh, Pa.
Browning Co., E 162nd & Waterloo rd, N E, Cleveland, O.
BUFFALO HOIST & DERRICK CO., 131 Erie, Buffalo, N. Y.
See adv index at end of book
Dobbie Foundry & Machine Co., Main office & Works, Niagara Falls, N. Y.
Haiss Geo. Mfg. Co., 141st & Rider av, N. Y.

THE HAYWARD COMPANY
DIGGING MACHINERY
50 CHURCH STREET, NEW YORK
See adv index at end of book

HOISTING MACHY CO., 50 Church, New York *See adv index at end of book*
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
Industrial Works, Bay City, Mich.
Kiesler Jos. F. Co. ("Kiesler"), N Sangamon & W Huron, Chicago, Ill.

LAKEWOOD BUILT TO LAST The LAKEWOOD ENGINEERING Co.
CLEVELAND. OHIO. U.S.A

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
McMyler-Interstate Co. (Steam), Bedford, O.
Mead-Morrison Mfg. Co., Cor Prescott & Orleans, East Boston, Mass.
NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book
Obenberger J. & Son Co., 125 Barclay, Milwaukee, Wis.
Owen Bucket Co. ("Owen"), Rockefeller bldg, Cleveland, O.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Quintard Iron Works Co. ("Arnold" Pneumatic), 742 E 12th, New York
Smith Theo. & Sons Co., ft Essex, Jersey City, N. J.
Wellman-Seaver-Morgan Co. ("Hulett"), Cleveland, O.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.
Williams G. H. Co. ("Faivrette"), Erie, Pa.

1588—*Buckets (Clam Shell, Electric Motor)

THE HAYWARD COMPANY
DIGGING MACHINERY
50 CHURCH STREET, NEW YORK
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LAKEWOOD ENGINEERING CO., Cleveland, O. *See adv index at end of book*

1589— Buckets (Coal & Ore)

See also Tubs, Hoisting & Dumping

Acme Equipment & Engineering Co., Garfield bldg, Cleveland, O.
Advance Engineering Co., Metta av, Cleveland, O.
Akron Cultivator Co., Akron, O.
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Atlanta Mfg. & Supply Co., Atlanta, Ga.
Atlas Car & Mfg. Co., Marquette rd, Cleveland, O.
Baltimore Car & Foundry Co., Pittsburgh, Pa.
Biehl Iron Wks, Reading, Pa.
Blow Knox Co., Farmers Bank bldg, Pittsburgh, Pa.
Browning Co., E 162nd & Waterloo rd, N E, Cleveland, O.
BUFFALO HOIST & DERRICK CO., 131 Erie, Buffalo, N. Y.
See adv index at end of book
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
Denver Engineering Works Co., Denver, Colo.
Dobbie Foundry & Machine Co., Main office & Works, Niagara Falls, N. Y.
DOVER BOILER WORKS, Sales Office, 50 Church, New York. Works, Dover, N. J. *See adv index at end of book*
Easton Car & Construction Co., 15 Centre square, Easton, Pa.
See adv index at end of book
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J.
Haiss Geo. Mfg. Co., 141st & Rider av, New York
HAYWARD CO., THE, 50 Church, New York *See adv index at end of book*
Hendy Joshua Iron Works (Ore.), 75 Fremont, San Francisco, Cal.
Hoisting Machinery Co., 50 Church, New York. *See adv index at end of book*
Howe Scale Co. of Illinois, 1315 S Wabash av, Chicago, Ill.
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Kiesler Jos. F. Co., N Sangamon & W Huron, Chicago, Ill.
Kilbourne & Jacobs Mfg. Co. (Dump), Columbus, O.
LAKEWOOD ENGINEERING CO., Cleveland, O. *See adv index at end of book*

LAKEWOOD BUILT TO LAST The LAKEWOOD ENGINEERING Co.
CLEVELAND. OHIO. U.S.A

Leetonia Boiler Co., Leetonia, O.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
Littleford Bros., 444 E Pearl, Cincinnati, O.
Locomotive Crane Co., Bucyrus, O.
See adv index at end of book
Mead-Morrison Mfg. Co., Cor Prescott & Orleans, East Boston, Mass.
Owen Bucket Co. ("Owen"), Rockefeller bldg, Cleveland, O.
PENN FOUNDRY & MFG. CO., Reading, Pa. *See adv index at end of book*
Phillips, Doup & Co., 60 Pearl, Brooklyn, N. Y.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Sackett H. B. Screen & Chute Co., 1691 Elston av, Chicago, Ill.
STEUBNER G. L. IRON WORKS (Self Dumping & Righting), Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Traylor Engineering & Mfg. Co. (Ore Only), Allentown, Pa.

Hendricks' Commercial Register

is not a Catalog of Advertisers alone, but a Complete Register of the manufacturers and jobbers in every line of trade that comes within the scope of the work.

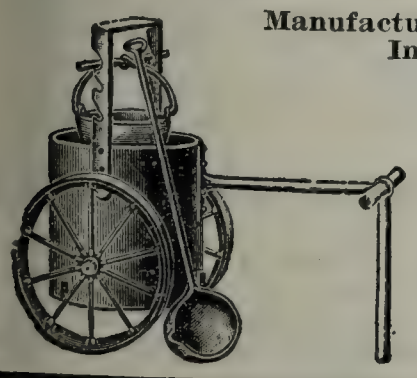
E. P. FIDLER, PRESIDENT T. E. HANS, VICE-PRESIDENT E. K. MARK, SECRETARY AND TREASURER

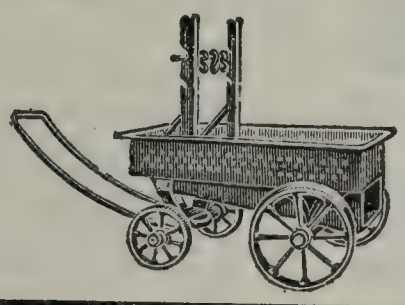
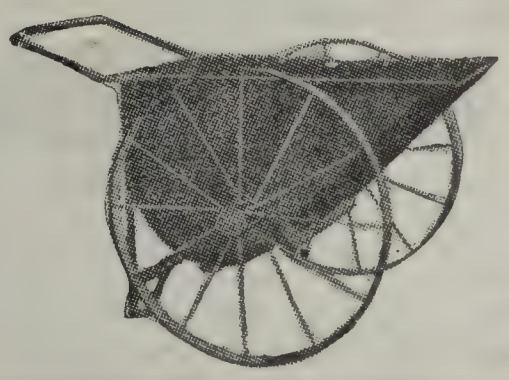
PENN FOUNDRY & MANUFACTURING CO.

GREY IRON CASTINGS

READING, PA.

Manufacturers of Contractors Buckets, Hoisting Tubs, Skips, Barrows, Industrial Cars, Lead and Tar Furnaces, Concrete Carts Steel Plate Construction and Forgings

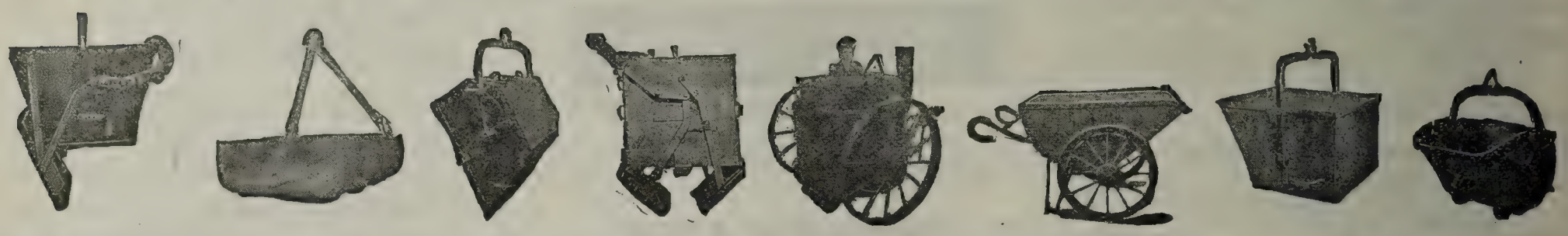


G. L. Stuebner, Iron Works

Turn-over and Bottom Dumping Buckets of all types and sizes; Steel Skips; Flat, End and Bottom Discharge Cars; Push Carts for handling Coal, Ores, Earth, Concrete, Etc. Asphalt Heaters, and Lead Melting Furnaces, etc.

Queensboro Terminal Long Island City New York, N. Y.



BUCKETS (Coal & Ore)—continued
Union Iron Works, Hoboken, N. J.
Watt Mining Car Wheel Co., Barnesville, O.
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.
Wellman-Seaver-Morgan Co. ("Hulett"), Cleveland, O.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Williams G. H. Co., Erie, Pa.

1590— *Buckets (Concrete)

CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
Hoisting Machinery Co., 50 Church, New York. *See adv index at end of book*
LAKEWOOD ENGINEERING CO., Cleveland, O. *See adv index at end of book*

LAKEWOOD BUILT TO LAST The LAKEWOOD ENGINEERING Co. CLEVELAND. OHIO. U.S.A

STUEBNER G. L. IRON WORKS, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book

1590a— *Buckets (Concrete Elevator)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

1590b—*Buckets (Contractors)

LAKEWOOD BUILT TO LAST The LAKEWOOD ENGINEERING Co. CLEVELAND. OHIO. U.S.A

Buckets (Dinner)

See Pails, Dinner

1591— Buckets (Dope)

Johnston Mfg. Co., Urbana, O.

1592—Buckets (Drag Line Scraper)

Brown Hoisting Machinery Co., 4403 St. Claire N E, Cleveland, O.
Browning Co., E 162nd & Waterloo rd. N E, Cleveland, O.
Channon H. Co., 150 N Market, Chicago, Ill.
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
Dobbie Foundry & Machine Co., ("Iverson"), Niagara Falls, N. Y.

THE HAYWARD COMPANY DIGGING MACHINERY

50 CHURCH STREET, NEW YORK
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Hoisting Machinery Co., 50 Church, New York. *See adv index at end of book*
Insley Mfg. Co., 3500 E St. Clair, Indianapolis, Ind.
Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*
Locomotive Crane Co., Bucyrus, O.
See adv index at end of book
Mansfield Engineering Co. The ("Pioneer"), cor E Market & Penna, Indianapolis, Ind.
Monighan Machine Co., 2032 Carroll av, Chicago, Ill.
Page Engineering Co., 189 W Madison, Chicago, Ill.
Seattle Const. & Dry Dock Co., Seattle, Wash.
United Iron Works Co. (Excavating), Kansas City, Mo.

1593—Buckets (Dredging & Excavating)

American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
American Bridge Co., 30 Church, New York
Atlanta Mfg. & Supply Co., Atlanta, Ga.
Blaw-Knox Co., Farmers Bk.. bldg., Pittsburgh, Pa.
Blow Steel Construction Co., Farmers Bk. bldg, Pittsburgh, Pa.
Chicago Metal Treating Co., 4032 N Rockwell, Chicago, Ill.
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
Dobbie Foundry & Machine Co., Niagara Falls, N. Y.
Dull Raymond W. Co., 111 W Washington, Chicago, Ill.
Ervien Chas. W. & Co., Venango & G, Phila., Pa.

THE HAYWARD COMPANY DIGGING MACHINERY

50 CHURCH STREET, NEW YORK
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Hensley James W. & Co. (Center Gravity), Indianapolis, Ind.
Hoisting Machinery Co., 50 Church, New York. *See adv index at end of book*
Insley Mfg. Co., 3500 E St. Clair, Indianapolis, Ind.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Kiesler Jos. F. Co., N. Sangamon & W Huron, Chicago, Ill.
LAKEWOOD ENGINEERING CO., Cleveland, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
Manitowoc Engineering Works, Manitowoc, Wis.
Mansfield Engineering Co. The ("Pioneer"), cor E. Market & Penna, Indianapolis, Ind.
Mead-Morrison Mfg. Co., Cor Prescott & Orleans, East Boston, Mass.
Osgood Co., Marion, O.
Owen Bucket Co. ("Owen"), Rockefeller bldg, Cleveland, O.
Page Engineering Co. ("Page" Scraper Excavator), 189 W Madison, Chicago, Ill.
Penn Foundry & Mfg. Co., Reading, Pa.
See adv index at end of book
Smith Theo. & Sons Co., ft Essex, Jersey City, N. J.
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.
Wellman-Seaver-Morgan Co., ("Hulett"), Cleveland, O.
Williams G. H. Co., Erie, Pa.

1594—Buckets (Elevator & Conveyor)

American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
Atlanta Mfg. & Supply Co., Atlanta, Ga.
BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
Beckley Perforating Co., Garwood, N. J.
Blaw-Knox Co., Farmers Bk. bldg, Pittsburgh, Pa.
Caldwell H. W. & Son Co. ("Best," Seamless Steel), 17th & Western av, Chicago, Ill.
Chain Belt Co., (Malleable), Milwaukee, Wis.
Chicago Metal Treating Co., 4032 N Rockwell, Chicago, Ill.
Clark W. J. Co. ("Salem"), Salem, O.
Codd E. J. Co., 700 S Caroline, Baltimore, Md.
Cross Engineering Co., Carbondale, Pa.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Easton Car & Construction Co., 15 Centre sq, Easton, Pa.
See adv index at end of book
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Federal Malleable Co. (Malleable Iron), West Allis, Wis.
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J.
Hendrick Mfg. Co., Carbondale, Pa.
Howe Chain Co. (Charcoal Malleable Iron), Muskegon, Mich.
Hudson Machinery Co., Passaic, N. J.
Insley Mfg. Co. (Automatic, Concrete), 3500 E St. Clair, Indianapolis, Ind.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Lakewood Engineering Co., Cleveland, O.
See adv index at end of book
Latonia Boiler Co., Latonia, O.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Littleford Bros., 444 E Pearl, Cincinnati, O.
Mansfield Engineering Co. The ("Pioneer"), cor E Market & Penna, Indianapolis, Ind.
Marseilles Co, East Moline, Ill.
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Meese & Gottfried Co., 660 Mission, San Francisco, Cal.

Michigan Sprocket Chain Co., Delray, Detroit, Mich.
Moline Malleable Iron Co., St. Charles, Ill.
Moore & Lorenz Co. ("Salem," Also Grain), 2144 W Fulton, Chicago, Ill.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Pennsylvania Eng. Works, New Castle, Pa.
Remaly Mfg. Co., Tamaqua, Pa.
Robins Conveying Belt Co., 13 Park row, New York *See adv index at end of book*
Sackett H. B. Screen & Chute Co., 1691 Elston av, Chicago, Ill.
Savage W. J. Co., Knoxville, Tenn.
Schmahl Jacob, 28 Lloyd, Buffalo, N. Y.
Skillin & Richards Mfg. Co., 4520 Cortland, Chicago, Ill.
Specialty Engineering Co., Trenton & Allegheny, Phila., Pa.
Standard Sand & Machine Co., 5150 St. Clair av, Cleveland, O.
Stephens-Adamson Mfg. Co. ("S. A."), Aurora, Ill.
Union Iron Works, Hoboken, N. J.
Union Iron Works, Spokane, Wash.
United Iron Works Co., Kansas City, Mo.
Webster Mfg. Co., Tiffin, O.
Weller Mfg. Co., 1856 N Kastner av, Chicago, Ill.
Willcox Engineering Co. (For Hauling Salt), 1525 Holland av, Saginaw, Mich.
Wolf Co., Chambersburg, Pa.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

Buckets (Fibre)

See Pails, Fibre

1595— Buckets (Fire)

See also Pails, Galvanized Iron
Also Buckets, Rubber

Atlantic Stamping Co., 156-180 Ames, Rochester, N. Y.
Cordley & Hayes (Paper), 7 Leonard, N. Y.
GEUDER, PAESCHKE & FREY CO. (Galvanized Iron), Milwaukee, Wis.
See adv index at end of book
Hayward S. F. & Co., 250 W. 54th, New York
Hunt & Dorman Mfg. Co. (Special), 1600 E 24th, N. E, Cleveland, O.
Kraft A. C., 323 W Lake, Chicago, Ill.
New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La.
Northern Fire Apparatus Co. ("Waggoner" Sanitary), 2422 University av S E, Minneapolis, Minn.
Panama Tank Co., Carr av & I. C. R. R., New Orleans, La.
Rochester Can Co. (Galvanized Iron), Rochester, N. Y.
Safety Fire Extinguisher Co., 291 7th av, New York
Steel Basket Co. (Corrugated & Plain), Cedar Rapids, Ia.
Waggoner Sanitary Fire Bucket Co., 400 Monticello av, Chicago, Ill.
Whitaker-Glessner Co., (Wheeling Corrugating Dept.) (Galvanized & Painted Red Outside), Wheeling, Va.
Zelnicker Walter A. Supply Co. ("Zelnicker" Conical), 325 Locust, St. Louis, Mo.

Buckets (Galvanized Iron)

See Pails, Galvanized Iron

1596—*Buckets (Gold Dredging)

JEFFERY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.

1597— Buckets (Grab)

Abel-Howe Co., 322 S Michigan av, Chicago, Ill. *See adv index at end of book*
Advance Engineering Co. ("Aden"), Metta av, Cleveland, O.
American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
Andresen-Evans Co., 80 E Jackson blvd, Chicago, Ill.
Brosius Edgar E., Benedum Trees bldg, Pittsburgh, Pa.
Brown Hoisting Machinery Co. ("Brownhoist"), 4403 St. Clair N E, Cleveland, O.
Browning Co. (Automatic Square Type), E 162d & Waterloo rd N E, Cleveland, O.
Browning Victor R. & Co., 17701 Lake Shore blvd, Cleveland, O., Mansfield, O,. and College Point, New York
See adv index at end of book
Euclid Crane & Hoist Co., Euclid, O.
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
Industrial Works, Bay City, Mich.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Owen Bucket Co. ("Owen"), Rockefeller bldg., Cleveland, O.
Pawling & Harnischfeger Co. ("P. & H." for Foundry Use), Milwaukee, Wis.
Wellman-Seaver-Morgan Co. ("Hulett"), Cleveland, O.
Whiting Foundry Equipment Co. ("Watters" Quick Detachable), 157th & Halstead, Chicago, Ill.

1598— Buckets (Grease)

Eagle Glass & Mfg. Co. ("Eagle" Steel), Wellsburg, W. Va.
GEM MFG. CO. ("Gem" Brazed Steel), Goebel, hr Fulton, N S, Pittsburgh, Pa. *See adv index at end of book*
Lane C. L. ("Wooden"), East Swanzey, N. H.

1598a—*Buckets (Handling)

LAKEWOOD BUILT TO LAST The LAKEWOOD ENGINEERING Co. CLEVELAND. OHIO. U.S.A

1599— Buckets (Hard Rubber)

American Hard Rubber Co. (For Acids, Dyes, Brine, etc), 9 Mercer, New York

1600— *Buckets (Hoisting)

Blaw-Knox Co., Farmers Bk. bldg, Pittsburgh, Pa.
LAKEWOOD ENGINEERING CO., Cleveland, O. *See adv index at end of book*

1601— Buckets (Maple Sap)

Grimm G. H. ("Grimm"), Rutland, Vt.

1602— Buckets (Minnow)

Deshler Mail Box Co. ("Jones"), Deshler, O.
Phillips & Buttorff Mfg. Co., Nashville, Tenn.

1603—Buckets (Orange Peel)

American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
Browning Co., E 162d & Waterloo rd, N E, Cleveland, O.
BROWNING VICTOR R. & CO., 17701 Lake Shore blvd, Cleveland, O.; Mansfield, O., and College Point, New York
See adv index at end of book
Dobbie Foundry & Machine Co., Main Office & Works: Niagara Falls, N. Y.

THE HAYWARD COMPANY DIGGING MACHINERY
50 CHURCH STREET, NEW YORK
See adv index at end of book

Hoisting Machinery Co., 50 Church, New York. *See adv index at end of book*
Industrial Works, Bay City, Mich.
Kiesler Jos. F. Co., N Sangamon & W Huron, Chicago, Ill.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Locomotive Crane Co., Bucyrus, O.
See adv index at end of book
McMyler-Interstate Co., Bedford, O.
Mead-Morrison Mfg. Co., Cor Prescott & Orleans, East Boston, Mass.
Smith Theo. & Sons Co., ft Essex, Jersey City, N. J.

1603a— *Buckets (Ore)

See also Buckets, Coal & Ore

LAKEWOOD BUILT TO LAST The LAKEWOOD ENGINEERING Co. CLEVELAND. OHIO. U.S.A

1604— Buckets (Powder)

Brown M. Co., Wapakoneta, O.

1605— Buckets (Pump)

See also Buckets, Rubber

Cleveland Galvanizing Works Co., 3924 Cooper av, N E, Cleveland, O.
Cronk & Carrier Mfg. Co. (Chain Pumps), 150 Lake Elmira, N. Y.
See adv index at end of book
Wyckoff A. & Son Co. (Chain Pumps & Buckets), Elmira, N. Y.

1605a— *Buckets (Round)

Lakewood Engng. Co., Cleveland, O.
See adv index at end of book

1606— Buckets (Rubber)

Combination Rubber Mfg. Co., Bloomfield, N. J.
Continental Rubber Works, Erie, Pa.
Crosby Co., Cuba, N. Y.
Empire Tire & Rubber Corp. (Rubber), East Trenton, N. J.
Fairfield Rubber Co., Fairfield, Conn.
Freshour Henry C. ("Star"), Bridgeport, Conn.
Goodrich B. F. Co., Akron, O.
Goodyear Rubber Co. & Rubber Clothing Co., 787 B'way, New York
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Hodgman Rubber Co., 8 W 40th, New York
Myers F. E. & Bro., 800 Orange, Ashland, O. *See adv index at end of book*
National India Rubber Co. ("Pioneer"), Bristol, R. I.
Peerless Rubber Mfg. Co., 31 Warren, New York
Pennsylvania Rubber Co. (Pump), Jeannette, Pa.
Republic Rubber Co., Youngstown, O.

1607—*Buckets (Sand Handling)

Blaw-Knox Co., Farmers Bk. bldg., Pittsburgh, Pa.
Brown Hoisting Machinery Co., 4403 St. Claire, N E, Cleveland, O.
BUFFALO HOIST & DERRICK CO., 131 Erie, Buffalo, N. Y.
See adv index at end of book
HAYWARD CO., THE, 50 Church, New York *See adv index at end of book*
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
JEFFERY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R Ry., Phila., Pa.
See adv index at end of book
Littleford Bros., 444 E Pearl, Cincinnati, O.
Locomotive Crane Co., Bucyrus, O.
See adv index at end of book

1608—Buckets (Scraper, Clam Shell)

Brown Hoisting Machinery Co., 4403 St. Claire, Cleveland, O.
BUFFALO HOIST & DERRICK CO., 131 Erie, Buffalo, N. Y.
See adv index at end of book
HAYWARD CO., THE, 50 Church, New York *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.

Buckets (Scraper Excavator)

See Buckets, Drag Line Scraper

1609—Buckets (Self-Dumping)

See also Tubs, Hoisting & Dumping

Acme Equip. & Engng. Co., Garfield bldg, Cleveland, O.
Atlanta Mfg. & Supply Co., Atlanta, Ga.
Atlas Car & Mfg. Co., Cleveland, O.
Biehl Iron Wks. (Self-Righting), Reading, Pa.
Blaw-Knox Co. ("Blaw"), Farmers Bk. bldg, Pittsburgh, Pa.
Easton Car & Construction Co., 15 Centre sq, Easton, Pa.
See adv index at end of book
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J.
HAYWARD CO. THE, 50 Church, New York
HUNT C. W. CO., West New Brighton, N. Y. *See adv index at end of book*
Insley Mfg. Co. (Concrete Elevator), 3500 E St. Clair, Indianapolis, Ind.
JEFFERY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Kilbourne & Jacobs Mfg. Co. (Steel), Columbus, O.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
STUEBNER G. L. IRON WORKS, Queensboro Terminal, Long Island City, N. Y. *See adv index at end of book*
United Iron Works Co., Kansas City, Mo.
Williams G. H. Co., Erie, Pa.

1610—Buckets (Self-Loading Powder Scraper)

Advance Engineering Co., Metta av, Cleveland, O.
Brown Hoisting Machinery Co., 4403 St. Claire, N E, Cleveland, O.
Page Engineering Co. ("Page" Automatic Dumping), 189 W Madison, Chicago, Ill.
Williams G. H. Co., Erie, Pa.

1611— Buckets (Sewer)

Akron Cultivator Co., Akron, O.
Atlas Car & Mfg. Co., Cleveland, O.
Eagle Glass & Mfg. Co. ("Eagle" Welded Steel), Wellsburg, W. Va.
National Enameling & Stamping Co., 411 5th av, New York
Potter Mfg. Co., 3505 Washington, Indianapolis, Ind.
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Williams G. H. Co., Erie, Pa.

1612—*Buckets (Shoveling)

Brown Hoisting Machinery Co. ("Brownhoist" for Limestone, Coal, Ore, Clay, etc.), 4403 St. Clair, N. E., Cleveland, O.

Buckets (Slag)

See Buckets, Sand Handling

Buckets (Stone)

See Buckets, Elevator & Conveyor

1613— *Buckets (Tar)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Philadelphia, Pa.
See adv index at end of book

Buckets (Water)

See Pails, Galvanized Iron

1614— Buckets (Well)

See also Pails, Galvanized Iron

Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
Edwards Mfg. Co., Cincinnati, O.
See adv index at end of book
GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis. *See adv index at end of book*
Lown & Son, Poughkeepsie, N. Y.
National Enameling & Stamping Co. (Artesian, Bored, etc), 411 5th av, New York
New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La.
Phillips & Buttorff Mfg. Co., Nashville, Tenn.
Richmond Cedar Works ("Dixie," "Victor," "Jumbo," "King," "Crown," White Oak Iron Bound), Richmond, Va.
Schlueter Mfg. Co., Broadway & John av, St. Louis, Mo.
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
Union Cooperage Co. (Wooden), 2nd & Penrose, St. Louis, Mo.
Whitaker-Glessner Co., (Wheeling Corrugating Co.) (Galvanized Steel; also Crimped & Cone Top for Artesian or Bored Wells), Wheeling, W. Va.

Buckets (Wooden)

See Pails & Buckets, Wood

1615—Buckets & Pails (Collapsible)

Abercrombie David T. Co., 17 Warren, New York
Abercrombie & Fitch Co., Madison av & 45th, New York
Defiance Welding Co. ("Boko"), Defiance, O.
Goodrich B. F. Co., Akron, O.
Goodyear Rubber Co. & Rubber Clothing Co., 787 B'way, New York
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Hayward S. F. & Co. (Folding Buckets), 250 W 54th, New York
Hodgman Rubber Co., 8 W 40th, New York
Martin Mfg. Co., Lancaster, O.
Mechanical Rubber Co., 73 Reade, New York
National India Rubber Co., Bristol, R. I.
National Mfg. Co., Des Moines, Ia.
Pillsbury Mfg. Co. ("Wantopail"), 322 Hennepin av, Minneapolis, Minn.
Planet Co. ("Duplex"), Westfield, Mass.
Pneumatic Mfg. Co. (Canvas), 123 Pacific, Brooklyn, N. Y.
Safety Fire Extinguisher Co., 291 7th av, New York
STANLEY WM. W. (Canvas, Waterproof Buckets), 50 Church, New York

1616— Buckles (Back Band)

STANLEY WORKS ("Plow Boy," "Samson" & "Stanley"), New Britain, Conn.
See adv index at end of book

1617— Buckles (Bale)

Acme Steel Goods Co., 2834 Archer av, Chicago, Ill.
American Nut & Bolt Fastener Co., Ontario & Doerr, Pittsburgh, Pa.
Baling Tie Buckle Co. ("Star," "Hercules," "Bull Dog" Baling Tie Buckles), Waterloo rd, Cleveland, O.
CARY MFG. CO., Nassau & Jay, Brooklyn, N. Y. *See adv index at end of book*
DE HAVEN MFG. CO., 50 Columbia Heights, Brooklyn, N. Y.
Oliver Iron & Steel Co. (Cotton Tie), S 10th & Muriel, Pittsburgh, Pa.
Sharon Steel Hoop Co. (Cotton Tie, etc.), Sharon, Pa.
Stanley Works, New Britain, Conn.
See adv index at end of book

1618—Buckles (Belt & Strap)

Alma Mfg. Co., 611 S Monroe, Baltimore, Md.
American Buckle Co., West Haven, Conn.
Capron Co. (Self-Locking Automatic Gold & Silver), 70 Ship, Providence, R. I.
Conlan Bernard & Co., 87 Hamilton, Newark, N. J.
Connecticut Web & Buckle Co., Bridgeport, Conn.
Conlan Bernard & Co., 87 Hamilton, Newark, N. J.
Havell Mfg. Co., 284 Washington, Newark, N. J.
Jenkinson R. C. & Co. (Strap), 293 Washington, Newark, N. J.
Krischer's Mfg. Co. (also Suspender), 186 Lewis, New York
North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.
O'Neill & O'Neill (Ladies'), 82 Union, Newark, N. J.
Osborn J. K. Mfg. Co., Harrison, N. J.
Poeter E. & Co., 251 N. J. R. R. av, Newark, N. J.
Riley-Koltz Mfg. Co., 17 Mulberry, Newark, N. J.
Scovil Mfg. Co. (Clothing), Waterbury, Conn. *See adv index at end of book*
Smith & Griggs Mfg. Co., Waterbury, Conn.
Traut & Hine Mfg. Co., New Britain, Conn.
Turkeltaub M. & Son, 38 E 12th, New York
Union Metal Goods Co. (Overall), Pawtucket, R. I.
Waterbury Button Co., Waterbury, Conn.
Whitehouse H. G., 44 Elm, Newark, N. J.

1619— Buckles (Harness)

Colton Mfg. Co., Montpelier, Vt.
Eberhard Mfg. Co., Cleveland, O.
Elbel Co., Canton, Ohio
Enterprise Mfg. Co. ("Pflueger"), Akron, O.
Imperial Bit & Snap Co. (& Loops), Racine, Wis.
Jenkinson R. C. & Co., 293 Washington, Newark, N. J.
North & Judd Mfg. Co. ("Anchor Brand," "Tungard"), New Britain, Conn.
Rubber & Celluloid, Harness Trimming Co., 56 Ferry, Newark, N. J.

1620-1— Buckles (Lock)

Stimpson Edw. B. Co. ("Lynch-Gapen"), 68 Franklin av, Brooklyn, N. Y.

1622— Buckles (Shoe)

Alterson L. & Co., 461 8th av, New York
North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.
Stimpson Edwin B. Co., 68 Franklin av, Brooklyn, N. Y.
Thomson Judson L. Mfg. Co., Waltham, Mass.

1623— Buckles (Wire)

Am. Steel & Wire Co., 208 So La Salle, Chicago, Ill.
See adv index at end of book
HENDRYX ANDREW B. CO., New Haven, Conn. *See adv index at end of book*
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
North & Judd Mfg. Co. ("Anchor" Brand), New Britain, Conn.
Spencer Wire Co., Worcester, Mass.
Waterbury Buckle Co., Waterbury, Conn.
Wire Novelty Mfg. Co., West Haven, Conn.

1624— Buckram

Adams Mfg. Co., 31 E 32nd, New York
Chandler Oil Cloth & Buckram Co. (One, Two & Three-Ply Burlap), East Taunton, Mass.
Cleveland-Akron Bag Co., Cleveland, O.
Irving Mfg. Co., 23 Jersey, New Brighton, S. I., N. Y.
Landers Bros. Co., Toledo, O.
McLean Andrew Co., Passaic, N. J.
Richter Mfg. Co., Tenafly, N. J.
Thompson James & Co., 112 Prince, New York

Buckram (Catalogue)

See Cloth, Book

1625— Buddles (Revolving)

See Tables, Slime

1626— Buffers (Board)

Harrington Cutlery Co. ("Dexter"), Southbridge, Mass.

1627— Buffers (Car)

Brill J. G. Co. (Angle Iron), 62nd & Woodland av, Phila., Pa.
Commonwealth Steel Co. (Cast Iron), Pierce bldg, St. Louis, Mo.
Gould Coupler Co., 30 E 42d, New York

National Car Coupler Co. ("National" Platform & "Hinson" Friction), 332 S Michigan, Chicago, Ill. Works: Attica, Ind.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Standard Coupler Co., 30 Church, New York

1627a— *Buffers (Finger Nail)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

1628—Buffers (Hand, Electric)

American Electric Tool Co. ("Carver," Portable), West Newton, Mass.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wisconsin Elec. Co. ("Dumore"), 1600 Junction av, Racine, Wis.
See adv index at end of book

1629— Buffers (Rubber)

Boston Belting Corp., 84 Linden Park, Boston, Mass.
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Continental Rubber Works, Erie, Pa.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Mattson Rubber Co., Lodi, N. J.
National India Rubber Co., Bristol, R. I.
Revere Rubber Co., Chelsea, Mass.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

1630—Buffers (Wagon Spring)

See also Buffers, Rubber

Indianapolis Bolster Spring Co. ("Victor Coil Spring"), 326 W Georgia, Indianapolis, Ind.

1631— Buggies

See Carriages; see also Classifications of Buggies Following

1632—Buggies (Buhr-Stones)

Hasbrouck J. J. & Co. ("Esopus"), Office & Quarries, New Paltz, N. Y.

1633— Buggies (Charging)

See also Barrows, Furnace Charging, also Cars, Charging

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book
Leetonia Boiler Co., Latonia, O.
STUEBNER G. L. IRON WORKS, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book

1634— Buggies (Cinder)

STUEBNER G. L. IRON WORKS, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

1635— *Buggies (Coal & Ore)

Atlas Engineering Co., Amherst, O.
See adv index at end of book
STUEBNER G. L. IRON WORKS, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book

1636— Buggies (Coke & Ore)

Atlas Engineering Co., Amherst, O.
See adv index at end of book
Easton Car & Construction Co., 15 Centre sq, Easton, Pa.
See adv index at end of book
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Sheffield Car Co., Three Rivers, Mich.

1636a— *Buggies (Concrete)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

1637— Buggies (Lumber)

Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Henderson W. K. Iron Works & Supply Co., Shreveport, La.
Ransome Leach Co., 115 B'way, New York
Owensboro Wagon Co., Owensboro, Ky.
Streich A. & Bro. Co., Oshkosh, Wis.

Buggies (Wire)

See Trucks, Wire Mill; also Cars, Plate & Sheet Mill

1638—Buggy (Armature)

Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.

1639— Buhr Stones

See also Millstones

TOBLER & CO., 35 S William, New York

Builders (Contracting)

See Contractors, Building & General

1640—*Builders (Contracting, Large)

STEWART JAMES & CO., INC., 30 Church, New York

1640a—Builders (Moving Picture Studio)

Lutton William H. Co., Jersey City, N. J.

1641—Builders' Cast Iron Work

See Firms in Iron, Architectural & Ornamental, marked with a Star (*); also Machinists & Founders

Builders' Hardware

See Hardware Manufacturers

Builders' Mill Work

See Interior Hardwood Work

1641a— *Builders (Tunnel)

McMULLEN ARTHUR CO., 149 B'way, New York

1642—Building Directories (Changeable)

NEWMAN MFG. CO., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill. *See adv index at end of book*
Tablet & Ticket Co., 624 W Adams, Chicago., Ill.
Universal Register Co., 226 W Ontario, Chicago, Ill.
Winters H. E., Davenport, Ia.

1643—Building Materials (Second-Hand)

Buckeye Wrecking & Salvage Co., 959 W 7th, Cincinnati, Ohio
Buffalo House Wrecking & Salvage Co., Sycamore & Erie R. R., Buffalo, N. Y.
Candee & Krekeler Co., 472 Hamilton av, Brooklyn, N. Y.
Cohen Bros. Iron & Metal Co., Des Moines, Ia.
Cuyahoga House Wrecking Co., 6311 Kinsman rd, Cleveland, O.
East Coast Hardware Co., West Palm Beach, Florida
Greene Byron W., Jr., Co., 309 Av B, New York
Harris Bros. Co., W 35th & Iron, Chicago, Ill.
Jump House Wrecking Co., 210 W 14th, New York
Lash A. F. Co., 25 D, Boston, Mass.
Pachoud Bros., 1037 Gilbert av, Cincinnati, O.
Reeber's Jos. Sons Co., Canal pl & 138th, New York
Rheinfrank Building Material Co., 620 E 14th, New York
Rhodes Jamison Co., Oakland, Calif.
Seagrist F. W., Jr. Co., 533 E 18th, New York
Southard Chas. H. Co., 9th av nr 15th, New York
Volk Jacob Housewrecking Co., 103 Park av, New York
World's Fair Wrecking Co., Richmond & Horne, Cincinnati, O.

1644—Building Sheathing (Felt)

See also Felts, Roofing

Barrett Co. (Red Rosin Sized, etc), 17 Battery pl, New York
Hydrex Felt & Engineering Co., 120 Liberty, New York
Johns H. W.-Manville Co., ("Keystone"), Madison av & 41st, New York
Keystone Hair Insulator Co. (Hair Felt), 1243 Spring Garden, Pittsburgh, Pa.
New England Felt Roofing Works, 101 Milk, Boston, Mass.
Standard Pipe Covering Co., 3748 E 71st, Cleveland, O.
Union Fibre Co. ("Linofelt"), Winona, Minn.
Watson H. F. Co. (Asbestos), Erie, Pa.

1645—Building Sheathing Quilt (Asbestos)

Cabot Samuel (Inc.), 141 Milk, Boston, Mass.
National Refrigerator & Fixture Co., 8th & Park, St. Louis, Mo.

1645a—*Buildings (Portable)

See also Portable Houses

EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book

1646—Bulbs (Automobile Horn)

See also Bulbs, Rubber

Goodrich B. F. Co., Akron, O.
National India Rubber Co., Bristol, R. I.
Parker, Stearns & Co. ("Alpha" Rubber Brass Mounting), 286 Sheffield av, Brooklyn, N. Y.
Seamless Rubber Co., New Haven, Conn.
Tyer Rubber Co. ("Tyrian," with Brass Mountings), Andover, Mass.

1647—Bulbs (Incandescent Lamp)

Corning Glass Works, Corning, N. Y.
Holophane Glass Wks. of Gen. Elec. Co., Newark, O.
Libbey Glass Co., Toledo, O.
Wagner Glass Works, 697 E 132d, New York

1647a— Bulbs (Pull Chain)

Cold Light Mfg. Co., Denver, Col.
Light Finder Sales Corp. (Luminous), 507 Fifth av, New York
Pioneer Corp. 1249 W 5th, Chicago, Ill.

1648— Bulbs (Rubber)

Ajax Rubber Co., 1796 B'way, New York
Atlantic Rubber Co., Atlantic, Mass.
Bailey C. J. & Co., 22 Boylston, Boston, Mass.
Canton Rubber Co., Canton, O.
Davidson Rubber Co., Boston, Mass.
Davol Rubber Co., 69 Point, Providence, R. I.
Eastern Specialty Mfg. Co. (For Tanks), 1553 Dickson av, Scranton, Pa.
Faultless Rubber Co., Ashland, O.
Goodrich B. F. Co., Akron, O.
Hodgman Rubber Co., 8 W 40th, New York
Myers Mfg. Co., Fremont, O.
National India Rubber Co., Bristol, R. I.
Norwalk Mfg. Co., E. Norwalk, Conn.
Parker, Stearns & Co., 286 Sheffield av, Brooklyn, N. Y.
Raley Rubber Co., New Haven, Conn.
Rubber Products Co., Barberton, O.
Seamless Rubber Co., New Haven, Conn.
Standard Woven Fabric Co., Walpole, Mass.
Star Rubber Co., Akron, O.
Tyer Rubber Co., Andover, Mass.
Whitall, Tatum Co., 410 Race, Phila., Pa.

1649—*Bulkhead Builders (Concrete)

McMULLEN ARTHUR CO., 149 B'way, New York
RAYMOND CONCRETE PILE CO., 140 Cedar, New York

Bulldozers

See Bulldozer or Bending Machines

1650— *Bulletin Boards

Dahlstrom Metallic Door Co., 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book
Newman Mfg. Co., 117 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill. *See adv index at end of book*
TYLER W. S. CO. Cleveland, O
See adv index at end of book

1651 — Bullion (Copper)

Beer, Sondheimer & Co., Inc. (Selling Agents), 61 B'way, New York
Philipp Brothers (Imp), 29 Broadway, New York
U. S. Metals Renning Co., 120 B'way, New York

1652— Bullion (Lead)

American Zinc, Lead & Smelting Co., 120 B'way, New York
Agents), 61 B'way, New York
Beer, Sondheimer & Co., Inc. (Selling
Selby Smelting & Lead Co., Merchant & Exchange bldg, San Francisco, Cal.
U. S. Metals Refining Co., 120 B'way, New York
U. S. Smelting, Refining & Mining Co., 55 Congress, Boston, Mass.
Vogelstein L. & Co., 42 B'way, New York

1653-4—Bumpers (Automobile)

Auto Parts Mfg. Co., 528 Broadway, Milwaukee, Wis.
Cox Brass Mfg. Co., Albany, N. Y.
Gemco Mfg. Co. ("Gemco"), 742 So Pierce, Milwaukee, Wis.
Halladay L. P. Co. ("Universal," "Imperial"), Streator, Ill.
Hoover Spring Co. ("Common Sense"), 617 Turk, San Francisco, Cal.
Kawneer Mfg. Co. (Cold Drawn Channels), Niles, Mich.
Lovell-McConnell Mfg. Co. ("Conover"), 194 Wright, Newark, N. J.
Polson Mfg. Co., Buffalo, N. Y.
Sager J. H. Co., Rochester, N. Y.
Star Brass Works Co., Kansas City, Mo.
Stewart - Warner Speedometer Corp. ("Stewart"), 1826 Diversey Parkway, Chicago, Ill.
Toledo Cable Co., 506 S St. Clair, Toledo, O.
Turner Brass Works ("Harroun"), Sycamore, Ill.

Bumpers (Car Seat)

See Rubber Bumpers and Cushions

Bumpers (Rubber)

See Rubber Bumpers & Cushions

1655— Bunchers (Asparagus)

Johnson Mfg. Co. ("Acme," "Phila."), 103 N Front, Phila., Pa.
Wyckoff Bros., Hightstown, N. J.

1656— Bunchers (Clover)

Acme Harvesting Machine Co., Peoria, Ill
American Buncher Mfg. Co. ("American," "Prairie"), Oliver & Harding, Indianapolis, Ind.
Blocki F. Co. ("Blocki"), Sheboygan, Wis
Eckhardt Mfg. Co. ("Buffalo"), 2300 University av W, St. Paul, Minn.
Franzmeier Louis, Timothy, Wis.
Gaterman Mfg. Co. (Side Delivery), Manitowoc, Wis.
International Harvester Co. of Amer. (Inc.), ("Deering-McCormick"), Harvester bldg, Chicago, Ill.
National Harrow Co. ("National"), LeRoy, Ill.
Thornburgh Mfg. Co. (Side Delivery), Bowling Green, O.
Walker Mfg. Co. ("Western"), Council Bluffs, Ia.

Bung Mfrs.

See Plugs, Wood

1656a—Bung Fasteners for Barrels

STANLEY WORKS, New Britain, Conn.
See adv index at end of book

1657— Bung Starters

Boston & Lockport Block Co., 100 Condor, E. Boston, Mass.
Redlich Mfg. Co., 637 W Oak, Chicago, Ill.
Sommer Jno. Faucet Co., 80 Morris av, Newark, N. J.
Stossel Carl & Co., Front Royal, Va.
Union Hardware Co., Torrington, Conn.

1657b— *Bungs (Oil Can)

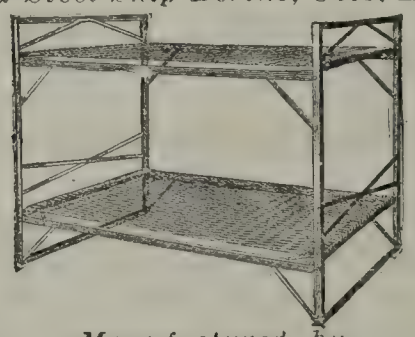
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

1658— Bunkers (Coal)

American Bridge Co., 30 Church, New York
GUARANTEE CONSTRUCTION CO. (Concrete Lined Suspension), 140 Cedar, New York
Link-Belt Co., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry. Phila, Pa. *See adv index at end of book*

1658a— *Bunks (Iron)

HAGGARD & MARCUSSON CO., 1109 W 37th, Chicago, Ill.
See adv index at end of book

Ask for catalog and price list showing full line Steel Bunks and Steel Ship Berths, Cots, Etc.

Manufactured by
HAGGARD & MARCUSSON CO.
1119 West 37th Street, Chicago, Ill.

1659— Bunting Mfrs.

See also Flag Mfrs.

New England Bunting Co., Lowell, Mass.
Passaic Print Works (Cotton), Passaic, N. J.
United States Bunting Co., Lowell, Mass.

1660— Buoys (Gas)

American Welding Co., Carbondale, Pa.
Safety Car Heating & Lighting Co. ("Pintsch"), 2 Rector, New York

Buoys (Life)

See Life Preservers

1661—Buoys (Mooring, Etc.)

Armstrong Cork Co., 24th & A. V. R. R., Pittsburgh, Pa.
Drein Thos. & Sons Co., Townsend & A, Wilmington, Del.
Farrar & Trefts, Inc. (Whistling Automatic), Buffalo, N. Y.
Jordan Bros. ("Never-Sink"), Norfolk, Va.
Kellogg M. W. Co. (Welded Steel), 90 West, New York
See adv index at end of book
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Manitowoc Engng. Works, Manitowoc, Wis.
Marine Mfg. & Sup. Co., 158 South, New York
Pneumatic Mfg. Co., 123 Pacific, Brooklyn, N. Y.
Riter-Conley Co., Pittsburgh, Pa.

1661a— *Buoys (Net)

Estes E. B. & Sons, 364 Fifth av, New York
See adv index at end of book

1662—Burial Cases & Vaults (Concrete)

Automatic Sealing Vault Co., Peru, Ind.
Cement Casket Mfg. Co., Albion, Mich.

1662a—Burial Cases & Vaults (Metallic)

See also Burial Vaults, Steel

Decatur Cornice & Roofing Co., Decatur, Ill.
Detroit Metallic Casket Co., 862 Gratiot av, Detroit, Mich.
Le Haye Mfg. Co., 298 11th, San Francisco, Cal.
Manhattan Metallic Casket Co., 2426 1st av, New York
Springfield Metallic Casket Co., Springfield, O.
Wilcox E. A. Mfg. Co., 6330 Stony Island av, Chicago, Ill.

1663—Burial Cases & Vaults (Slate)

American Slate Co., Easton, Pa.
Bangor Structural Slate Co., Bangor, Pa. Bangor, Pa.
Bray J. Slate Co. (Jobbers), E. Bangor Pa.
East Bangor Consol. Slate Co., E Bangor Pa.
Excelsior Slate Co., Pen Argyl, Pa.
Hahn Granville, Walnutport, Pa.
Hammann Slate Co., Bangor, Pa.
Keenan Structural Slate Co., Bangor, Pa
Kimes, J. B. & Co., 24th & Callowhill Phila, Pa.
Lehigh Structural Slate Mfg. Co., Bangor Pa.
Monson Maine Slate Co., 112 Water, Boston, Mass.
Peerless Slate Co., Delta, Pa.
Penrhyn Slate Co., Hydeville, Vt.
Vermont Unfading Green Slate Co., Fairhaven, Vt.

1664—Burial Cases & Vaults (Stone

Mineral Products Co. ("Xyno"), Rhinelander, Wis.

1665— Burial Vaults (Steel)

See also Burial Cases & Vaults, Metalli
American Steel Grave Vault Co., Galion, O
Clark Grave Vault Co., Columbus, O.
Galion Metallic Vault Co., Galion, O.
Kelly Mfg. Co., Bucyrus, O.
Maxwell Steel Vault Co., Oneida, N. Y.
Meadville Metallic Vault Co., Meadvill Pa.
Skahen Steel Co., Syracuse, N. Y.

1666— Burlap

See also Bags & Bagging

AMERICAN BAG CO. (Also Bags Twines), 3rd & Oakland, Harrison, Ca
American Bag & Burlap Co., Boston, Mas
Bell Bag Co., 63 Front, New York
Bemis Bro. Bag Co., 601 S 4th, St. Loui Mo.
Bemis Indianapolis Bag Co., Barth av Belt, Indianapolis, Ind.
Central Bag Mfg. Co., 3622 Iron, Chicag Ill. *See adv index at end of book*
Chase H. & L. (Importers), 267 Atlant av, Boston, Mass.
Chelsea Fibre Mills, 212 5th av, Ne York. Factory: Brooklyn N. Y.
Clapp H. D. B. & Co. (Waste), 824 American, Phila., Pa.
Cleveland-Akron Bag Co. ("Protex Waterproof), Cleveland, O.
Colby & Co., Savannah, Ga.
Collins Plass Thayer Co., 26 Beaver, Ne York

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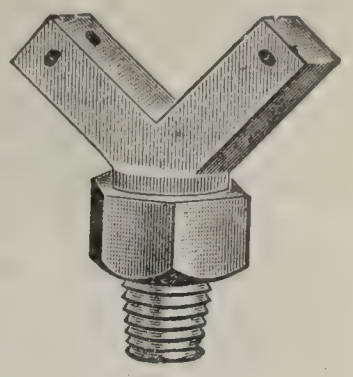

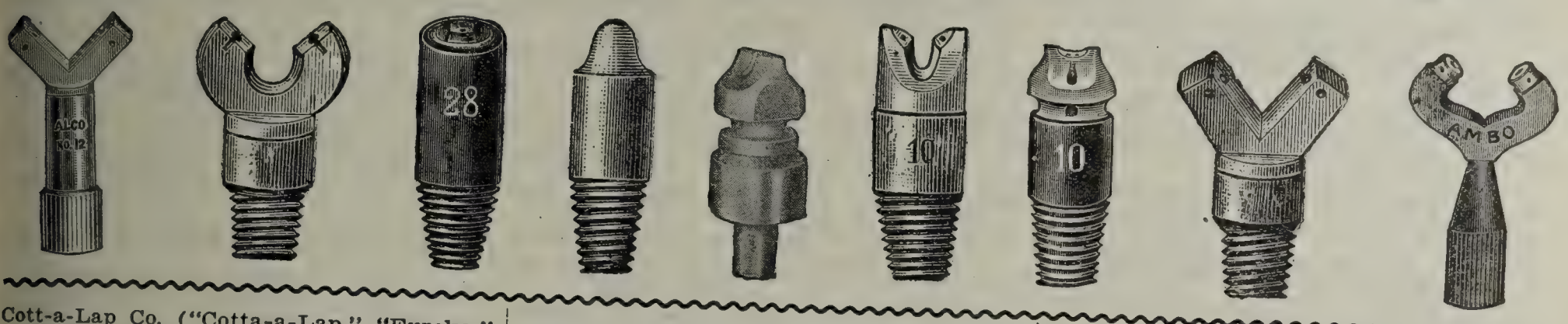

Cott-a-Lap Co. ("Cotta-a-Lap," "Eureka," "Muro," "Tex-ta-dor-na," Wall Burlaps), Somerville, N. J.
Duncan Geo. & Co., 366 B'way, New York
du Pont de Nemours & Co. (E. I.) (By-Products division), Wilmington, Del.
Emsley John W., Adams & Emerald, Phila., Pa.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Grimond J. & A. D. (Ltd.) (H. N. Gildea, Agent) (Jute Decorative & Bagging Burlaps), 320 B'way, New York
Gulf Bag Co., 330 Notre Dame, New Orleans, La.
Halsted E. S. & Co., 64 Pearl, New York
Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
Horner Wm. J., 62 Beaver, New York
Hydrex Felt & Eng'ng. Co. ("Hydrexed"), 120 Liberty, New York
Kent Percy Co., 33 Pearl, New York
Landers Bros. Co., Toledo, O.
Lawson Jacob Bag Co., 264 Water, New York
Lehon Co. ("Tuf-Tex"), W. 45th & S. Western av, Chicago, Ill.
Logie Jas. & Co., 42 B'way, New York
Logie James, Produce Exchange, New York
Mente & Co., Robin & S. Peters, New Orleans, La.
Milwaukee Bag Co., 206 S Water, Milwaukee, Wis.
Mitsui & Co. (Imp.), 65 B'way, New York
Oriental Textile Mills, Houston, Tex.
Ralli Bros., 11 William, New York
Richter Mfg. Co. (Plain, Decorated, etc), Tenafly, N. J.
Robinson Chas. A., 46 Beekman, New York
Scott Jas. & Sons, 346 B'way, New York
Taylor & Ellis, 485 B'way, New York
Texas Bag & Fibre Co., Houston, Tex.
Thompson's Samuel Nephew & Co. (Importers), 142 Duane, New York
Walsh's Sons & Co. (Dealers), Newark, N. J.
White Jas. F. & Co., 54 Worth, New York
Winne F. W. & Son, 237 Market, Phila., Pa.
Young & Metzner, 335 Vernon av, Long Island City, N. Y.

1667-8—Burners (Acetylene Gas)

AMERICAN LAVA CO. ("Alco"), Chattanooga, Tenn. *See adv index at end of book*
Carroll J. Bruce, 3057 Carroll, Chicago, Ill.
Colonial Mfg. Co., Chattanooga, Tenn.
Crane Wm. M. Co. ("Bray"), 16 W 32d, New York
Crescent Burner Mfg. Co. ("Crescent"), 116 E. 27th, New York
Drake Acetylene Burner & Supply Co., 1913 Mission, San Francisco, Cal.
Steward D. M. Mfg. Co. ("E. H.," "Steward's Dolan"), Chattanooga, Tenn.

Burners (Automobile)

See Burners, Kerosene, Automobile; also Burners, Gasoline, Automobile

1669— Burners (Coal Dust)

Pulverized Coal Burners
Non-Flooding
GERDES & COMPANY
42 Church St. N. Y. C.

Powdered Coal Engineering & Equipment Co., 2401 W Wash. pl, Chicago, Ill.
Stroud, E. H. & Co. ("Stroud"), 928-934 Fullerton av, Chicago, Ill.

1670—*Burners (Combination Gas & Oil)

Clark Cadle Harmon Corp. (For Heating Soldering Irons), Rochester, N. Y.
Gilbert & Barker Mfg. Co. ("Gilbert & Barker"), Springfield, Mass. *See adv index at end of book*
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

1671—Burners (Electric Gas Lighting)

Bogart A. L. Co. ("Bartholdi" Automatic), 55 Barclay, New York
Cleverly Electrical Works, 17 N 7th, Phila., Pa.
Electric Goods Mfg. Co. (Automatic Pendant), Canton, Mass.
Holtzer-Cabot Electric Co. (Automatic), Brookline, Mass.
Parke Jno. Y. & Co. ("Jypco"), 29 N 7th, Phila., Pa.

1672— Burners (Fuel Gas)

Albrecht Francis J., 1146 Penn av, Pittsburgh, Pa.
American Gas Furnace Co., 24 John, New York
Anthony Co., 138 West av, Long Island City, N. Y.
Chatfied & Sharp ("Economy"), Jamestown, N. Y.
Creaghead Engineering Co., 340 Main, Cincinnati, O.
Crone F. G. ("Crone" for Steam or Hot Water Heaters, Furnaces, Stoves, etc), 334 Genesee, Buffalo, N. Y.
Foundry Equip. Co., 1833 Columbus rd, Cleveland, O.
GILBERT & BARKER MFG. CO. ("Gilbert & Barker"), Springfield, Mass. *See adv index at end of book*
Hausfeld Co., Harrison, O.
Hugo Mfg. Co., Duluth, Minn.
Kemp C. M. Mfg. Co., 405 E Oliver, Baltimore, Md.
Maxon Premix Burner Co., Muncie, Ind.
Metals Production Equipment Co., Springfield, Mass.
NAAB MANUFACTURING CO. (THE), 5904 Carnegie av, Cleveland, O.
Oven Equipment & Mfg. Co. ("Crawford"), New Haven, Conn.
Parson Mfg. Co., 35 Nassau, New York
Precision Instrument Co. ("Carpenter's Metropolitan Argau"), Detroit, Mich.
Rockwell W. S. Co., 50 Church, New York. *See adv index at end of book*
Selas Co., 521 W 23d, New York
Strong, Carlisle & Hammond Co., 336 Frankfort av, N. W., Cleveland, O.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

1673— Burners (Fuel Oil)

American Equipment Co. ("Fox"), Norristown, Pa.
Anthony Co., 138 West av, Long Island City, N. Y.
Bellevue Furnace Co., 703 Bellevue av, Detroit, Mich.
Best Co., 33d & A. V. R. R., Pittsburgh, Pa.
BEST W. N., INC. ("Calorex"), 11 B'way, New York
Braun Corporation (For Assayers' Liquid Fuel Furnaces), Los Angeles, Cal.
Burns Hydro Carbon Burner Co., Fort Plain, N. Y.
Coen Co. ("Coen" Mechanical), 112 Market, San Francisco, Cal.
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
Foerst John & Sons, Bayonne, N. J.
Fdry. Equip. Co., 1833 Columbus rd, Cleveland, O.
Gearhart A. W., Fresno, Cal.
GILBERT & BARKER MFG. CO. ("Gilbert & Barker" For Burning Fuel Oil, Under Low Pressure), Springfield, Mass. *See adv index at end of book*
Gustin-Bacon Mfg. Co., 1604 Grand, Kansas City, Mo.
Hammel Oil Burner Co., Los Angeles, Cal.
Hauck Mfg. Co., 101 11th, Brooklyn, N. Y.
Hausfeld Co., Harrison, O.
Johnson S. T. Co. ("Johnson" Low Pressure Air System), 1334 Mission, San Francisco, Cal.
Lockett A. M. & Co., Ltd., 533 Baronne, New Orleans, La.
Loggers Oil Equipment Co., 230 Ash, Portland, Ore.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
MacLeod Co. (Locomotive), 2227 Bogen, Cincinnati, O. *See adv index at end of book*

BURNERS (OIL FUEL)—continued

Metals Production Equipment Co., Springfield, Mass.
Monarch Engineering & Mfg. Co. ("Monarch" & "Rockwell"), American bldg, Baltimore, Md.
NAAB MANUFACTURING CO. (THE), 5904 Carnegie av, Cleveland, O.
National Supply Co., 416 W Grand av, Chicago, Ill.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Parson Mfg. Co., 35 Nassau, New York
Production Engineering Co. ("Peco"), 1716 Spring Garden, Phila., Pa.
Reid Jos. Gas Engine Co., Oil City, Pa.
ROCKWELL W. S. CO., 50 Church, New York *See adv index at end of book*
Rogers Jno. M. Works: Gloucester City, N. J.
Schurs John (for Burning Brick, Clay, etc.), Los Angeles, Cal.
Schutte & Koerting Co. ("Koerting" Mechanical System, Steam & Air Jet), 1251 N 12th, Phila., Pa.
Strong, Carlisle & Hammond Co., 336 Frankfort av, N. W., Cleveland, O.
Sullivan Edward S. Co. ("Von Boden-Ingles," for Locomotives, Marine & Stationary Boilers), Monadnock bldg, San Francisco, Cal.
Tate-Jones & Co., ("Kirkwood" for Boilers, Locomotives, Furnaces, Forges, Glass House Work, Open-Hearth, etc.), Empire bldg, Pittsburgh, Pa.
Union Iron Works Co. ("Dahl"), 20th & Michigan, San Francisco, Cal.
Weller Mfg. Co., 853 W North av, Chicago, Ill.
Witt G. E. Co. ("Little Giant"), 862 Howard, San Francisco, Cal.

1674—Burners (Furnace Gas)

Brand Chas. F., 16th & Jacob, Wheeling, W. Va.
Creaghead Engineering Co., 340 Main, Cincinnati, O.
Kemp C. M. Mfg. Co. ("20th Century"), 405 E Oliver, Baltimore, Md.
Metals Production Equipment Co., Springfield, Mass.
Monarch Engng. & Mfg. Co., American bldg, Baltimore, Md.
Oven Equipment & Mfg. Co. ("Crawford"), New Haven, Conn.
Rockwell W. S. Co., 50 Church, New York. *See adv index at end of book*
Strong, Carlisle & Hammond Co., 336 Frankfort av, N. W., Cleveland, O.
Tate-Jones & Co. Empire bldg, Pittsburgh, Pa.

Burners (Garbage)

See Heaters, Water, Garbage Burning

1675— Burners (Gas, Inverted)

Hyman Henry & Co. (Brass), 77 Chambers, New York
Matchless Brass Mfg. Co., 57 Jay, Brooklyn, N. Y.
Smith F. A. Mfg. Co., Rochester, N. Y.

1676—Burners (Gas, Self-Lighting)

American Brass & Copper Co., 138 Lafayette, New York
Matchless Brass Mfg. Co., 57 Jay, Brooklyn, N. Y.

1677— Burners (Gasoline)

Ashton Mfg. Co., 184 Emmet, Newark, N. J.
Best Light Co., 477 Second, N E, Canton, Ohio
Clayton & Lambert Mfg. Co., 205 Piquette av, E., Detroit, Mich.
Clough. Theo.. ("Clough," "Maxim"), Dobbs Ferry, N. Y.
Incandescent Light & Stove Co. ("Stubbs"), Marburg av & B. & O. R. R., Okly., Cincinnati, O.
Oven Equipment & Mfg. Co., New Haven, Conn
Ray Geo. A. Mfg. Co., Buffalo, N. Y.
Reliable Stove Co. ("Special" Reliable Brazier"), Cleveland, O.
Sun Vapor & Gas Street Light Co., Canton, O.
Tirrill Gas Machine Lighting Co., 103 Park av, New York

1678—Burners (Gasoline, Automobile)

Carroll J. Bruce, 3057 Carroll, Chicago, Ill.
Dangler Stove Co., 5017 Perkins av, Cleveland, O.
Fowler Lamp & Mfg. Co. ("Fowler," for Motor Cars & Boats), 59 E 24th, Chicago, Ill.

1679— Burners (Hand Lamp)

Wall P. Mfg. Supply Co., 705 Preble av, Pittsburgh, Pa.

1680—Burners (Hot Blast, Gas Stove)

Weimer Machine Works Co. ("Weimer"), Lebanon, Pa.

1681—Burners (Hydro-Carbon)

Braun-Knecht- Heimann Co. ("Cary," "Braun"), 576 Mission, San Francisco, Cal.
Burns Hydro Carbon Burner Co., Fort Plain, N. Y.
Calkins Co. ("Advance," "Challenge"), Los Angeles, Cal.
Clayton & Lambert Mfg. Co., 205 Piquette av, E., Detroit, Mich.
Denver Fire Clay Co. ("Case"), Denver, Colo.
Hauck Mfg. Co., 101 11th, Brooklyn, N. Y.
Rockwell. W. S. Co.. 50 Church. New York *See adv index at end of book*
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

1682—Burners (Incandescent Gas)

See also Mantles, Incan. Lamp

Abrams-Orton Mfg. Co., Wadsworth, O.
Block Light Co., Youngstown, O.
Crane Wm. M. Co. ("Bray" Open Jet), 16 W 32d, New York
Hipwell Mfg. Co. ("Pittsburg"), 831 W North av, Pittsburgh, Pa.
HYMAN HENRY & CO. (Inverted & Upright), 77 Chambers, New York
Incandescent Burner Co., 395 Claremont av, Brooklyn, N. Y.
Kern Burner Co., 217 W 125th, New York
Matchless Brass Mfg. Co., 57 Jay, Brooklyn, N. Y.
Miller Edw. & Co., Meriden, Conn.
Pittsburgh Lamp, Brass & Glass Co., 130 7th, Pittsburgh, Pa.
Solar Light Co., 69 Wooster, New York
Tirrill Gas Machine Lighting Co., 103 Park av, New York
Unique Art Glass & Metal Co. ("Star"), 105 Vandeveer, Brooklyn, N. Y.
Welsbach Gas Lamp Co. ("Universal," "Standard" & "Consol"), 1008 Filbert, Phila., Pa. Works, Gloucester, N. J.

1683—*Burners (Japanning or Baking)

Hausfeld Co., Harrison, O.
Rockwell W. S. Co, 50 Church, New York *See adv index at end of book*

1684—Burners (Kerosene, Automobile)

Ofeldt F. W. & Sons, Nyack, N. Y.

1685—Burners (Kerosene Oil)

See also Burners, Fuel Oil

Ashton Mfg. Co, 184 Emmet, Newark, N. J.
Clayton & Lambert Mfg. Co., 205 Piquette av, E Detroit, Mich.
Clark Cadle Harmon Corp. (For Heating Soldering Irons), Rochester, N. Y.
Hauck Mfg. Co., 101 11th, Brooklyn, N. Y.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

1686—Burners (Lamp, Kerosene Oil)

Best Light Co., 477 Second, N E, Canton, Ohio
Bridgeport Brass Co., Bridgeport, Conn.
Miller Edw. & Co. ("Dual," "Solar," "Perfection Car," "Apollo," "Hero," "Jewell," "Venus," "Simplex," "Stellar," "Victor," "Excelsior," "Sun," "Favorite," "Lenith," "Niagara," "Lard oil," & "Vesta"), Meriden, Conn.
Plume & Atwood Mfg. Co., Waterbury. Conn.
SCOVILL MFG. CO. ("Queen Anne"), Waterbury, Conn. *See adv index at end of book*
Seng Mfg. Co., Lincoln, Neb.
Waterbury Brass Goods Corp., Waterbury. Conn.
Wheeling Stamping Co. ("Premier," Combination. "Regal," "White Light Mantle," "Champion," "Paull" & "Safety"), Wheeling, W. Va.

1687— Burners (Natural Gas)

Advance Mfg. Co., Erie, Pa.
Albrecht Francis J., Pittsburgh, Pa.
American Brass & Copper Co., 138 Lafayette, New York
American Fdry. & Mfg. Co., 11th & Herbert, St. Louis, Mo.
American Lava Co. ("Alco" "E. H.", "New Market," "Stove Junbo," "Bray"), Chattanooga, Tenn. *See adv index at end of book*
American Stove Co. ("Quick Meal," "Reliable," "Jewell"), St. Louis, Mo.
Brand Chas. F. (Also for Heating Boilers), 16th & Jacob, Wheeling, Va.
Brown Frank P., 45 N 6th, Phila., Pa.
Creaghead Engineering Co., 340 Main, Cincinnati, O.
Enterprise Foundry Co., (Ltd.) N S. Nixon & Manhattan, Pittsburgh, Pa.
Franklin Co. ("Franklin-Adapti"), Canton, Ohio
Gwynn Gas Burner & Engng. Co., Empire bldg, Pittsburgh, Pa.
Hausfeld Co., Harrison, O.
Jamison T. H. ("Tremaine"), Claysville, Pa.
Johnson Gas Appliance Co., Cedar Rapids, Ia.
Kern Burner Co., 217 W 125th, New York
Lawson Mfg. Co. ("Lawson," "Homestead" & "Rex"), Homestead, Pa.
Love Mfg. Co., Corry, Pa.
Matchless Brass Mfg. Co., 57 Jay, Brooklyn, N. Y.
Metals Production Equipment Co., Springfield, Mass.
Minneapolis Gas Fixture Co., 814 Hennepin av, Minneapolis, Minn.
Odin Stove Mfg. Co. ("Tri-Odin," "Penn") Erie, Pa.
Oil Well Supply Co., 215 Water, Pittsburgh Pa.
O'Reilly M. J. ("O'Reilly"), 217 Franklin Buffalo, N. Y.
Plume & Atwood Mfg. Co., Waterbury Conn.
Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*
Stamford Gas Stove Co., Stamford, Conn
Standard Heating & Radiator Co. ("Standard" for Hot Air, Steam & Hot Wate Heating Boilers), Penn & Barbeau Pittsburgh, Pa.
Steward D. M. Mfg. Co. ("E. H." "Jumbo"), Chattanooga, Tenn.
Union Gas Burner Co., 369 Ellicott, Buffalo, N. Y.
Van Houten E. J. S., 96 Park pl, New York
Wheeling Stove & Range Co., Wheeling W. Va.
Williamson R. & Co., 601 Washington b Chicago, Ill.
Wilson Rowland S., 14 Wood, Pittsburgh Pa.
Yonts C. H. & Co. ("Victor"), Meadville Pa.

1688— *Burners (Oil)

Clark Cadle Harmon Corp. (For Heating Soldering Irons), Rochester, N. Y.
Hausfeld Co., Harrison, O.
Hammel Oil Burning Equipment Co., 4 Pine, Providence, R. I.
LUNKENHEIMER CO., Executive Offic & Factory, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Schutte & Koerting Co. (Air Jet, Stea Jet, Mechanical), 1251 N 12th, Phila Pa.
Steam Supply & Rubber Co., 79 Washington, Seattle, Wash.

Portable or Fixed, in many sizes and designs suitable for work of every kind where heat is applied.

MACLEOD CO., 2227 Bogen St., Cincinnati, O

1689—*Burners (Powdered Coal)

We have a burner that will meet the severest tests and which shows many improvements over any other.
MACLEOD CO., 2227 Bogen St., Cincinnati, O.

1690—Burners (Pyrites & Sulphur)

Bethlehem Foundry & Machine Co. (for Chemical Mfrs., etc), South Bethlehem, Pa.
Carthage Machine Co. ("Wise"), Carthage, N. Y.
Glens Falls Machine Works ("Trombley-Paul" Rotary), Glens Falls, N. Y.
Pratt Engineering & Machine Co., Atlanta, Ga.
Stebbins Engineering & Mfg. Co. ("Stebbins" Oxidizing), Watertown, N. Y.
Valk & Murdoch Co., Charleston, S. C.
Valley Iron Works Co. ("Vesuvius"), Appleton, Wis.

1691— Burners (Refuse)

Capital Wire Co., Madison, Wis.
Casey-Hedges Co., Chattanooga, Tenn.
Clark W. J. Co. ("Safety"), Salem, O.
Clinton Wire Cloth Co., Perforated Metals, Clinton, Mass.
Cyclone Fence Co., Waukegan, Ill.
Destruction Co., 111 B'way, New York
Jackson & Church Co., Saginaw, Mich.
Muskegon Boiler Works, Muskegon, Mich.
Pennsylvania Wire Works ("Pen Dar"), 235 Arch, Phila., Pa.
Quinn & Co. ("Quinn," Flat Top Dutch Oven Furnace), **222 E 9th, Cincinnati, O.**
Rodgers Boiler & Burner Co., Muskegon, Mich.
Seattle Boiler Works, Ballard, Seattle, Wash.
Shannon Mfg. Co., 224 W 26th, New York
Tomahawk Steel & Iron Works, Tomahawk, Wis.

1692— Burners (Rubbish)

Cyclone Fence Co. (Wire & Steel), Waukegon, Ill.
Majestic Co., Huntington, Ind.
Page Steel & Wire Co., Adrian, Mich.
See adv index at end of book
Smith John P. & Co., New Haven, Conn.

1693— *Burners (Star)

McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.
See adv index at end of book

1694— Burners (Tar)

Best W. N., Inc. ("Calorex"), 11 B'way, New York
Parson Mfg. Co. ("Parson"), 35 Nassau, New York
Tate-Jones & Co., Empire bldg., Pittsburgh, Pa.

1695— Burners (Urn)

Clayton & Lambert Mfg. Co. (Gasoline), 205 Piquette av, E, Detroit, Mich.

1696— Burners (Weed)

Commonwealth Steel Co. ("M. K. & T.," for Removing Weeds from Tracks), Pierce bldg, St. Louis, Mo.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book

1697— Burning Brands

Allen, Doane & Co., 29 Cornhill, Boston, Mass.
American Stamp Mfg. Co., 85 John, New York
Barnard Stamp Co., 311 Olive, St. Louis, Mo.
BEACH-RUSS CO. (Self Heated, Air Blast, Gas), 220 Broadway, New York
See adv index at end of book
Black A. S., 206 Longworth, Cincinnati, O.
Brunner & Lay, 570 W Polk, Chicago, Ill.
Cleveland Galvanizing Works Co., 3924 Cooper av, Cleveland, O.
Dickey-Grabler Wks., 118 Noble ct, Cleveland, O.
Gibson A. C. Co., Buffalo, N. Y.
Hanson C. H. Co., 178 N Clark, Chicago, Ill.
Haynes & Co., 75 Westminster, Providence, R. I.
Illig & Hartmann, 211 Pine, St. Louis, Mo.
Knight H. W. & Son, Seneca Falls, N. Y.
Matthews Jas. H. & Co., 3942 Forbes, Pittsburgh, Pa.
Mayer Geo. J. & Co., 36 S Meridian, Indianapolis, Ind.
Moise-Klinkner Co., 369 Market, San Francisco, Cal.
Mulhaupt F. Jos., Lafayette, Ind.
Mulinari P., 118 Light, Baltimore, Md.
Murdock Jas. W. J. Co., 116 Opera pl, Cincinnati, O.
Ness Geo. M., Jr., 61 Fulton, New York
New York Stencil Works, 100 Nassau, New York
Noble & Westerbrook Mfg. Co., Hartford, Conn. *See adv index at end of book*
Northwestern Stamp Works (Also Shingle Brands), **110 E 3rd, St. Paul, Minn.**
Parker T. M., Hartford, Conn.
Sackmann F. A. ("F-A-S"), 810 Prospect S E, Cleveland, O.
Schwerdtle Stamp Co., 43 Cannon, Bridgeport, Conn.
See adv index at end of book
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.
Stewart R. A. & Co. (Brass), 201 B'way, New York
Stortz John & Son, 210 Vine, Phila., Pa.
Utermohle G. A. & Co., 133 Cheapside, Baltimore, Md.
Wright Greg. G. & Son, 119 Opera pl, Cincinnati, O.

1698—Burnishers (Cabinet Makers)

Buck Bros., Millbury, Mass.
Disston Henry & Sons, Tacony, Phila., Pa.

1699— Burnishers (Heel)

For Cobblers' Use
Richard Stephen Co. ("S. R."), Southbridge, Mass.
United Shoe Machinery Co., 205 Lincoln, Boston, Mass.

1700—*Burnishing (Steel Ball Process)

ABBOTT BALL CO. ("Abbott"), Elmwood station, Hartford, Conn.
See adv index at end of book
Indiana Steel & Wire Co. (E. B. B. B. B. & Steel), Muncie, Ind.

1701—Burrs (Brass & Copper)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Hussey C. G. & Co., 2850 2nd av, Pittsburgh, Pa.
North American Copper Co., 52 Vanderbilt av, New York
Reed & Prince Mfg. Co., Worcester, Mass.
Townsend C. C. & E. P. Co., New Brighton, Pa.

1702—Burrs (For Sharpening Pulp Stones)

Ticonderoga Machine Works, Ticonderoga, N. Y.

1703— Burrs (Riveting)

See also Rivets, Various Kinds
Atlas Bolt & Screw Co., 1000 Ivanhoe rd, Cleveland, O.
Bettcher Mfg. Co., 6120 Clark av, S W, Cleveland, O.
Cleveland Wrought Prods Co., W 58th & W. L. E. Belt Line, Cleveland, O.
Falls Rivet Co., Kent, O.
Jenkinson, R. C. & Co. (Steel), 293 Washington, Newark, N. J.
Kirk-Latty Mfg. Co., W 85th (bet. Detroit & Madison av), Cleveland, O.
Matthews H. A. Mfg. Co. (Steel), Seymour, Conn.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Sessions J. H. & Son (Steel), Bristol, Conn.
Sharon Steel Hook Co. (Steel), Sharon, Pa.
STANLEY WORKS (Steel), New Britain, Conn. *See adv index at end of book*
Wrought Washer Mfg. Co., 46 S Bay, Milwaukee, Wis.

1703a— *Burrs (Soft Steel)

STANLEY WORKS, New Britain, Conn.
See adv index at end of book

1704— *Bushings (Adjustable)

ARMSTRONG MFG. CO. ("Bard"), 278 Knowlton, Bridgeport, Conn.
See adv index at end of book

1705— *Bushings ("Arguto")

Arguto Oilless Bearing Co., Wayne Junction, Phila., Pa.

1705a—Bushings (Automobile)

Ellison Brass Mfg. Co., Jamestown, N. J.

1706— Bushings (Brass)

Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Buckeye Iron & Brass Works, Dayton, O.
BUNTING BRASS & BRONZE CO., 733 Spencer, Toledo, O.
See adv index at end of book
Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
Crane Co., Bridgeport, Conn.
Darling Pump & Mfg. Co. (Ltd.) (Brass), Williamsport, Pa.
Detroit Sanitary Supply Co. ("Clean Sweep"), 1191 Second, Detroit, Mich.
Edna Brass Mfg. Co. (Brass), Cincinnati, Ohio
Ellison Brass Mfg. Co., Jamestown, N. Y.
Exeter Brass Works, Exeter, N. H.
General Fire Extinguisher Co., Providence, R. I.
Glauber Brass Mfg. Co., 49th & Superior av, Cleveland, O.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Hamlin & Emery Brass Co. (Brass, Flush & Hexagon), **49 Island, Boston, Mass.**
Haydenville Co., Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Kokomo Brass Works (Brass Soldering), Kokomo, Ind.
LUNKENHEIMER CO., Executive Office & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McCambridge Co., 20th & Wood, Phila., Pa.
McKenna Brass & Mfg. Co., Inc., 1st av & Ross, Pittsburgh, Pa.
McNab & Harlin Mfg. Co. (Brass & Iron Pipe, etc), **55 John, New York**
McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.
See adv index at end of book
Monarch Brass Co., Cleveland, O.
More-Jones Brass & Metal Co. (Brass & Bronze), Broadway & Dock, St. Louis, Mo.
Newark Brass Works, 22 Lawrence, Newark, N. J.
Newbury J. H., Goshen, N. Y.
New Process Specialty Co., Enterprise bldg, Milwaukee, Wis.
See adv index at end of book
Peck & Young Mfg. Co. (Turned), Forestville, Conn.
Perkes Chas. (Est of), 627 Arch, Phila., Pa.
Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.
Richter & Co., 210 E 9th, Cincinnati, O.
Ryan J. J. & Co., 100 S Jefferson, Chicago, Ill.
Ryder Brass Fdry. Co., Bucyrus, O.
Sherman H. B. Mfg. Co., Battle Creek, Mich.
Steel City Electric Co. ("Fullman" for Rigid Conduit), **Hale bldg, Phila., Pa.**
Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
Titanium Bronze Co., Inc., Niagara Falls, N. Y.
Try-Me Mfg. Co., Springfield, Mass.
Union Brass & Metal Mfg. Co., **Lawson & Mackubin, St. Paul, Minn.**

BUSHINGS (BRASS)—continued

United Wire & Supply Co., Elmwood Station, Providence, R. I.
Waltham Screw Co. (Brass, etc), Waltham, Mass.
Wolff L. Mfg. Co., 111 N Dearborn, Chicago, Ill.
Wolverine Brass Works, Grand Rapids, Mich.
Woodward-Wanger Co., 1106 Spring Garden, Phila., Pa.

1707— Bushings (Bronze)

Ajax Metal Co. ("Ajax"), 46 Richmond Phila., Pa.
Aluminum Castings Co. ("Lynux"), Cleveland, O.
American Bronze Co. ("Non-Gran"), Berwyn, Pa.
Brown A. & F. Co., 79 Barclay, New York
BUNTING BRASS & BRONZE CO., 738 Spencer, Toledo, O.
See adv index at end of book
Damascus Bronze Co. ("Damascus"), N S, Pittsburgh, Pa.
See adv index at end of book
Ellison Brass Mfg. Co., Jamestown, N. Y.
Fowler Lamp & Mfg. Co. ("Fowler," for Motor Cars & Boats), 59 E 24th, Chicago, Ill.
Johnson Bronze Co., New Castle, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McKenna Brass & Mfg. Co., Inc., 1st av & Ross, Pittsburgh, Pa.
Ryder Brass Fdry. Co., Bucyrus, O.
Sterling Specialty Co., Newcomerstown, O.
Titanium Bronze Co., Inc., Niagara Falls, N. Y.
Williams E. A. & Sons, 109 Plymouth, Jersey City, N. J.

1707a— Bushings (Bung Hole)

American Tap Bush Co., Detroit, Mich.
Heartley Machine, Variety Iron & Tool Works ("Gardner" Double Flange, Oval & Round), 900 Summit, Toledo, O.
National Bush Co., 2 Rector, New York
U. S. Bung Mfg. Co., 50 S 2nd, Brooklyn, N. Y.

Bushings (Conduit)

See Bushings, Outlet & Locknut

1708-9—Bushings (Damper)

Parker Supply Co. (Ball Bearings), 785 E 135th, New York

1710— Bushings (Expansion)

Brown & Sharpe Mfg. Co., Providence, R. I.

1711— Bushings (Graphite)

Acheson Graphite Co., Niagara Falls, N. Y.
Bound Brook Oil-less Bearing Co. ("Nigrum" Graphite Impregnated Wood, Oil-less), Bound Brook, N. J.

1712-3—*Bushings (Hard Fibre)

See also Fibre, Hard

DELAWARE HARD FIBRE CO (Hard Fibre), Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*
National Fibre & Insulation Co., Yorklyn, Del.
SPAULDING J. & SONS CO., P. O. Box 52, Tonawanda, N. Y.
See adv index at end of book

1714— Bushings (Oil Switch)

Electrose Mfg. Co., Washington & Plymouth, Brooklyn, N. Y.

1715—Bushings (Outlet & Locknut)

Adapti Mfg. Co. (Conduit Outlet), 919 West, Cleveland, O.
Appleton Electric Co., 230 N Jefferson, Chicago, Ill.
Belcher & Loomis Hdw. Co. ("Boss" Outlet), 89 Weybosset, Providence, R. I.
Bonnell W. A. Co., 132 Church, New York
Buchanan J. F. & Co., 1719 Chestnut, Phila., Pa.
Condit Electrical Mfg. Co. ("Shawmut"), 1st & L, Boston, Mass.
Electrical Specialty Mfg. Co. ("Boss"), 49 Beaufort, Providence, R. I.
Fairmount Elec. & Mfg. Co. ("Bendhicks"), 59th & Woodland av, Phila., Pa.
Federal Sign System (Electric), 640 W Lake, Chicago, Ill.
Gillette-Vibber Co., New London, Conn.
Grabler Mfg. Co., Cleveland, O.
Harter Mfg. Co., 522 S Clinton, Chicago, Ill.
Krantz Mfg. Co., 160 7th, Brooklyn, N. Y.
Leveridge Chas. W. ("L. & L."), 133 Liberty, New York
Multi Electrical Mfg. Co., 703 Fulton, Chicago, Ill.
National Metal Molding Co. ("National" Conduit Metal), Fulton bldg, Pittsburgh, Pa.
New Process Specialty Co. ("Universal"), Enterprise bldg, Milwaukee, Wis.
See adv index at end of book
Pass & Seymour, Solvay, N. Y.
Peru Elec. Co., Peru, Ind.
Phila. Electrical & Mfg. Co., 1236 N 31st, Phila., Pa.
Pratt Chuck Co. (Lock Nut Only), Frankfort, N. Y.
Rockwood Sprinkler Co. ("R. S. Co." Conduit), Worcester, Mass.
Sprague Elec. Works, 527 W 34th, New York
Standard Electric Fitting Co., Stamford, Conn.
Steel City Elec. Co. ("Star," "Ovalduct"), 1207 Columbus av, Pittsburgh, Pa.
Thomas & Betts Co., 63 Vesey, New York
Troy Electrical Co. ("Teco"), Troy, N. Y.
V. V. Fittings Co., 1906 N 6th, Phila., Pa.

1716—Bushings (Phosphor Bronze)

Boston & Lockport Block Co., 100 Condor, E Boston, Mass.
BUNTING BRASS & BRONZE CO., 738 Spencer, Toledo, O.
See adv index at end of book
Damascus Bronze Co. ("Damascus"), N S, Pittsburgh, Pa.
See adv index at end of book
Ellison Brass Mfg. Co., Jamestown, N. Y.
Hill-Smith Metal Goods Co., 88 Pearl, Boston, Mass.
Phosphor Bronze Smelting Co. ("Elephant" Brand, Unfinished), 2200 Washington av, Phila., Pa.
Ryder Brass Fdry. Co., Bucyrus, O.
Seymour Mfg. Co., Seymour, Conn.
Titanium Bronze Co., Inc., Niagara Falls, N. Y.

1717— Bushings (Pipe)

Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
LUNKENHEIMER CO. (Brass), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Malleable Iron Fittings Co., Branford, Conn.

Bushings (Porcelain)

See Porcelain Specialties, Electrical, etc.

1718—Bushings (Pulley, Etc.)

Arguto Oilless Bearing Co. ("Arguto" Oilless), Wayne Junction, Phila, Pa.
Bound Brook Oil-less Bearing Co. ("Nigrum" Graphite Impregnated Wood, Oil-less), Bound Brook, N. J.
Brown Engineering Co. ("Brown," Ring Oiling, Loose Pulley), 110 N 3rd, Reading, Pa.
See adv index at end of book
Bunting Brass & Bronze Co. (Bronze), 738 Spencer, Toledo, O.
See adv index at end of book
Campbell Machinery Co. ("Bull Dog"), 35 W 39th, New York
Channon Jas. H. Mfg. Co. (Self Lubricating Graphite Bronze), 227 W Erie, Chicago, Ill.
Johnson Bronze Co., New Castle, Pa.
Link-Belt Co., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry., Phila, Pa. *See adv index at end of book*
National Equipment Co. (Steel & Self Lubricating), 125 S Racine av, Chicago, Ill. *See adv index at end of book*
Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.
Saginaw Mfg. Co., Saginaw, Mich.
South Bend Dowel Works, South Bend, Ind.
Webster Mfg. Co., Tiffin, O.
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co. (Cast Iron Goods, Pulley, etc), Chambersburg, Pa.

1719— Bushings (Radiator)

Flagg Stanley G. & Co., Morris bldg, Phila., Pa.
Kelly & Jones Co., Greensburg, Pa.
Ravena Iron Co., Ravena, N. Y.

Bushings (Rawhide)

See Gears & Pinions, Rawhide

1720— Bushings (Reaming)

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.

1721—Bushings (Roller Bearing)

Boston & Lockport Block Co., 100 Condor, East Boston, Mass.
Hyatt Roller Bearing Co., Harrison, N. J.
Merriman Bros. (Self-Lubricating), 185 Amory, Boston, Mass.
Torrey Roller Bushing Works, Bath, Me.

Bushings (Rubber)

See Rubber Goods Manufacturers, Mechanical

1722— Bushings (Socket)

American Hard Rubber Co., 9 Mercer, New York
Auburn Button Works, Auburn, N. Y.
Brock A. S. Rubber Co., 57 Broad, Boston, Mass.
Dickinson Mfg. Co., Springfield, Mass.
Electrose Mfg. Co. (Composition), 70 Washington, Brooklyn, N. Y.
Federal Sign System (Electric), 640 W Lake, Chicago, Ill.
Hemming Mfg. Co., Garfield, N. J.
Hubbell Harvey, Bridgeport, Conn.
Johns H. W.-Manville Co. ("Electrobestos"), Madison av & 41st, New York
Mica Mfg. Co., 454 18th, Brooklyn, N. Y.
Scranton Button Co. (Socket & Plain), Scranton, Pa.
Siemon Hard Rubber Corporation, Bridgeport, Conn.
Stewart Frank H. Electric Co. ("Knostrain"), 35 N 7th, Phila., Pa.

1722a— *Bushings (Tractor)

Bunting Brass & Bronze Co., 738 Spencer, Toledo, O. *See adv index at end of book*

1723—Bushings (Trolley Wheel)

Boston & Lockport Block Co., 100 Condor, East Boston, Mass.
Bound Brook Oil-less Bearing Co. ("Nigrum" Graphite Impregnated Wood Oil-less), Bound Brook, N. J.
Brill J. G. Co., 62d & Woodland av, Phila., Pa.
Elec. Railway Equip. Co., Cincinnati, O.
Eureka Co., North East, Pa.
Hodgkins J. F. Co., Gardiner, Me.
Ives H. B. Co. ("New Haven"), New Haven, Conn.
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Torrey Roller Bushing Works, Bath, Me.

1724— *Bushings (Wooden)

Boundbrook Oil-Less Bearing Co., N Main, Boundbrook, N. J.
ESTES E. B. & SONS, 364 5th av, New York. *See adv index at end of book*
Piqua Handle & Mfg. Co., P O Box 307, Piqua, O.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL REGISTER

Butter Workers

See Dairy Apparatus & Supplies

1725—Butterises (Blacksmiths')

Auer John Jr., 197 Middleton, Brooklyn, N. Y.
Germantown Tool Works, Gtn., 520 Commerce, Phila., Pa.
Goodell-Pratt Co., Greenfield, Mass.
Peck, Stow & Wilcox Co., Southington, Conn.

1726— Button Back Mfrs.

White L. C. Co., Waterbury, Conn.

1727—Button Dies, Parts & Supplies

Illinois Modern Button & Machine Co., 2407 W Ohio, Chicago, Ill.
Waterbury Button Co. (Molds, Backs & Shells), Waterbury, Conn.

1728— Button Mfrs.

Akron Mfg. Co., Akron, N. Y.
American Hard Rubber Co. (Hard Rubber), 9 Mercer, New York
Brophy Chas. A. (Uniform), Aurora, Ill.
Century Button Works, 25 W 38th, New York
Columbia Button Works, 229 W 28th, New York
Conly J. A. Button Co., 116 N State, Chicago, Ill.
Crowe-Keane Button Co., Botsford, Conn.
Custen Bros., 111 5th av, New York
Erie Button Works, Memphis, Tenn.
Fashion Button Works, 344 W 38th, New York
French Button Works, 108 N Franklin, Phila., Pa.
Geraghty & Co., 3035 W Lake, Chicago, Ill.
Globe Trimming & Button Co., 149 W 23d, New York
Goldberg-Davidson & Co., 312 7th av New York
Hine & Froud Co., 271 Douglas, Brooklyn, N. Y.
Illinois Modern Button & Machine Co. 2407 W Ohio, Chicago, Ill.
Janeway Button Co., New Brunswick, N. J.
Jersey Button Works, 134 W 26th, New York
Leader Button Co., 48 W 27th, New York
Lindenhurst Mfg. Co., Lindenhurst, N. Y.
Luber Button Works, 18 E 31st, New York
McKee & Bliven Button Co., Muscatine, Ia.
Maxant Button & Supply Co., 118 S Clinton, Chicago, Ill.
Metal Specialty Mfg. Co., Waterbury, Conn.
See adv index at end of book
Metropolitan Button Co., 133 W 22d, New York
New York High Grade Button Wks, 166 Geary, San Francisco, Cal.
Novelty Button Works, 312 7th av, New York
Penn Button Works, 13th & Hamilton, Phila., Pa.
Phelps & Sons Mfg. Co., 10 Pennington, Newark, N. J.
Reade Chas. W., New Haven, Conn.
Rothschild Bros. & Co., 1115 B'way, New York
Rothschild-Kuno Button Works, 107 W 25th, New York
Saugatuck Mfg. Co., Saugatuck, Conn.
SCOVILL MFG. CO. (Dress, Jumper, Overall, Patented, Uniform Sew-On), Waterbury, Conn.
See adv index at end of book
Shantz M. B., 237 S Wells, Chicago, Ill.
Smith E. F. & Son, Union City, Conn.
Standard Button Works, 417 6th av, New York
Sun Enamel Works (Wood, Enameled, etc), Leominster, Mass.
Tri-City Button Co., Davenport, Ia.
United Button Co., 4th av & 17th, New York
Wade Button Co., 55 Sudbury, Boston, Mass.
Waldes & Co., 137 Fifth av, New York
Wendtland Wm., 51 Mercer, New York
WESTERN BUTTON FACTORY (Bone Buttons, All Sizes), 619 Sansome, San Francisco, Cal.
York Button Works, B. & Allegheny, Phila., Pa.

1729—Buttoners (Glove & Shoe)

Arlington Works, The (du Pont E. I. de Nemours & Co.), 21 E 40th, New York
Cassady, Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Celluloid Co. (Celluloid Hooks), 36 Washington pl, New York
Grammes L. F. & Sons, Allentown, Pa.
Havell Mfg. Co. (Glove), 284 Washington, Newark, N. J.
Novelty Cutlery Co., Canton, O.
Potter & Snell, Deep River, Conn.
Ross Jos. & Co. (Glove Hooks), Irvington, N. J.
United Awl & Needle Co., West Medway, Mass.

1730— Buttons (Bone)

Armour Fertilizer Works, Union Stock Yards, Chicago, Ill.
Hafleigh & Co., Cambria & N American, Phila., Pa.
Rogers Mfg. Co., Rockfall, Conn.
Rogers & Hubbard Co., Middletown, Conn.
Wahl Emil Mfg. Co., Pulaski av & Ruffner, Phila, Pa.
WESTERN BUTTON FACTORY (All Sizes), 619 Sansome, San Francisco, Cal.

1731— Buttons (Celluloid)

Hill Button Works, 230 W 17th, New York
METAL SPECIALTY MFG. CO. (Glove), Waterbury, Conn.
See adv index at end of book
Reading Ribbon Badge Co., Reading, Pa.
St. Louis Button Co. (Advertising), 413 Lucas av, St. Louis, Mo.
Whitehead & Hoag Co., 272 Sussex av, Newark, N. J.

Buttons (Clinch)

See Buttons, Tufting

1732—Buttons (Cloth Covered)

American Button Works, 312 7th av, New York
Blaine Bros. & Krasnov, 25 W 20th, New York
Cincinnati Cloth Button Co., 536 Main, Cincinnati, O.
City Button Works, 376 2d av, New York
Cloak & Suit Button Co., 60 W 27th, New York
Custen Bros., 111 5th av, New York.
Drucker Bros., 113 W 31st, New York
Eagle Button Works, 55 Chrystie, New York
Franklin Button Works, 1023 Vine, Phila., Pa.
Imperial Button Co., 27 N 7th, Phila., Pa.
Lane Mfg. Co., Waterbury, Conn.
METAL SPECIALTY MFG. CO. (Silk Lustral), Waterbury, Conn.
See adv index at end of book
Milwaukee Button Co., 710 Merrill blvd, Milwaukee, Wis.
Newell-Putnam Mfg. Co., Springfield, Mass.
N. Y. Button Works, 143 W 19th, New York
Philadelphia Button Co., 21 N 7th, Phila., Pa.
Rogers Button Co. (Est. of), Springfield, Mass.
Royal Button Works, 13 W 17th, New York
Royal Button Works, 505 Market, Phila., Pa.
S. & S. Button Works, 45 W 28th, New York
Sabel J. Button Co., 6620 S State, Chicago, Ill.
SCOVILL MFG. CO. (Dress & Cloak), Waterbury, Conn.
See adv index at end of book
Star Button Works, 53 W 28th, New York
Victoria Button Works, 23 W 30th, New York
Waterbury Button Co., Waterbury, Conn.
Western Covered Button Co., 138 Wooster, New York

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1732a—. Buttons (Collar)

Arlington Works, The (Du Pont E. I. de Nemours & Co.), 725-27 B'way, New York
Celluloid Co., 36 Washington pl, New York
Krementz & Co. (Gold), Newark, N. J.
Smith & Crosby (Gold Front), Attleboro, Mass.
Scovill Mfg. Co., Waterbury, Conn.
See adv index at end of book

1733— Buttons (Composition)

Auburn Button Works, Auburn, N. Y.
Turkeltaub M. & Son, 38 E 12th, New York
Waterbury Button Co., Waterbury, Conn.

1734— Buttons (Crochet)

Blumenkrohn A. A. Crochet Button Works, 160 5th av, New York
Blumenkrohn L. & Co., 13 W 27th, New York
Schloss Jos. W. Co., 160 5th av, New York

1735— Buttons (Door)

Arcade Mfg. Co. (Cast Iron), Freeport, Ill.
Corbin P. & F., New Britain, Conn.
Grey Iron Casting Co. (Japanned), Mt. Joy, Pa.
Hardware Supply Co., Grand Rapids, Mich.
Ney Mfg. Co., Canton, O.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Sharon Hardware Mfg. Co. (Wrought Steel), Sharon, Pa.
Stover Mfg. Co., Freeport, Ill.
Watrous-Acme Mfg. Co., Des Moines, Ia.
Yale & Towne Mfg. Co., 9 E 40th, New York

1736— Buttons (Horn)

Armour Fertilizer Works, Union Stock Yards, Chicago, Ill.
Damon Co., Leominster, Mass.
Earl W. D. Co., Leominster, Mass.
Eureka Button Co., 684 B'way, New York
Griffin Button Co., Shelton, Conn.

1737— Buttons (Ivory)

Blumenthal B. & Co., 15 E 26th New York
Empire Ivory Button Works, 826 B'way, New York
Federal Button Co., 365 Market, Newark, N. J.
German-American Button Co., Rochester, N. Y.
Grote F. & Hubbell Co., 82 4th av, New York
Newark Vegetable Ivory Button Co., 228 High, Newark, N. J.
Philadelphia Button Co. (Imitation Ivory), 21 N 7th, Phila., Pa.
Pratt, Read & Co., Deep River, Conn.
Rochester Button Co., Rochester, N. Y.
Shantz M. B., Rochester, N. Y.
Sher Louis, 229 W 28th, New York
Superior Ivory Button Co., 49 Dickerson, Newark, N. J.
Turkeltaub M & Son, 38 E 12th, New York
Warsaw Button Co., Warsaw, N. Y.
Waterbury Button Co., Waterbury, Conn.
Weicht Adolph & Sons, 730 R, Sun, Phila., Pa.
Zneimer Nicolas Button Works, 102 S 11th, Newark, N. J.

1737a— *Buttons (Laundry)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

1738— Buttons (Metal)

Asch Edgar S. Co. 30 W 36th, New York
Ball & Socket Mfg. Co., West Cheshire, Conn.
Blumenthal B. & Co., 15 E 26th, New York
Eagle Button Works (Covered), 55 Christie, New York

BUTTONS (METAL)—continued

Hatheway Mfg. Co., Bridgeport, Conn.
Havell Mfg. Co. (Steel), 284 Washington, Newark, N. J.
Hill Button Works, 230 W 17th, New York
Imperial Button Co., 27 N 7th, Phila., Pa.
Liebmann R. Mfg. Co., 73 Bruen, Newark, N. J.
METAL SPECIALTY MFG. CO., Waterbury, Conn. *See adv index at end of book*
Orange Mfg. Co., 178 Emmett, Newark, N. J.
Patent Button Co., Waterbury, Conn.
Radcliffe C. & Sons Co., 276 N. J. R. R. av, Newark, N. J.
Richmond Bros. Co., 177 Chestnut, Newark, N. J.
SCOVILL MFG. CO. (All kinds), Waterbury, Conn. *See adv index at end of book*
Steele & Johnson Mfg. Co. (Plain & Fancy), Waterbury, Conn.
Steel & Taylor Co., 107 W 25th, New York
Tonks Bros., High, Newark, N. J.
Universal Button Fastening & Button Co., 680 W Fort, Detroit, Mich.
Waterbury Button Co. (Fancy), Waterbury, Conn.
Whitehead & Hoag Co., 272 Sussex av, Newark, N. J.

1739-40—Buttons (Pearl)

Alma Mfg. Co., 611-61 S. Monroe, Baltimore, Md.
American Pearl Button Co., Washington, Iowa
American Pearl Button Works, 143 W 19th, New York
Automatic Button Co., Muscatine, Ia.,
Baker Alfred, 79 Orange, Newark, N. J.
Bishop & Hagermann Co. (Blanks), (Muscatine, Iowa
Blakeman Chas. Sons Co., 236 Bank, Newark, N. J.
Blumenthal B. & Co., 15 E 26th, New York
Cameron W. L. Co., 507 W 50th, New York
Capoli Button Works, Lansing, Ia.
Chalmers Harvey & Son (Fresh Water), Amsterdam, N. Y.
Cleveland Button Co., Cleveland, O.
Davenport Pearl Button Co., Davenport, Iowa
Davis Thos. & Sons, 375 Market, Newark, N. J.
Dolezal Jos., Long Island City, N. Y.
Dover Pearl Button Co. (Blanks), Dover, Ky.
Dvorak John & Sons, Little Ferry, N. J.
Dvorsky Co., 411 E 91st, New York
Edginton Walter, 210 Vine, Phila., Pa.
Edwards James, Newark, N. J.
Empire City Pearl Button Works, 10th, Long Island City, N. Y.
Erie Button Works, Erie, Pa.
Excelsior Pearl Works, 178 Grand, New York
Gemmi Bros. Co., 125 N 5th, Phila., Pa.
Going Mfg. Co., Amsterdam, N. Y.
Gotham Pearl Button Works, 45 E 17th, New York
Guenscht L., 182 Centre, New York
Hak Anton, West Willington, Conn.
Hamburg Button Co., 1140 B'way, New York
Hampshire Pearl Button Co., Amsterdam, N. Y.
Hawkeye Pearl Button Co., Muscatine, Ia.
Haydenville Button Co., Haydenville, Mass.
Hirsch Leo. H & Co., 300 E 22d, New York
Hirshfeld Herman, New Milford, N. J.
Hodson John M., Boone & Markle, Phila., Pa.
Howell Chas. M., Waltham, Mass.
Hrovda Jos. & Co., 430 E 59th, New York
Huebner E. & Sons, 123 Van Buren, Newark, N. J.
Imperial Pearl Button Co., 131 W 23d, New York
International Button Co., Rochester, N. Y.
Kensington Pearl Button Co., 2d & Diamond, Phila., Pa.
Kral Wm. & Co., Franklin, Long Island City, N. Y.
Kupka & Follimel, W New York, N. J.
La Grange Pearl Button Co., La Grange, Mo.
McKee & Bliven Button Co., Muscatine, Ia.
Manhattan Pearl Button Mfg. Co., 195 Park pl, Long Island City, N. Y.
Masinda Wm., West Willington, Conn.
Mississippi Pearl Button Co., Burlington, Iowa
Mousley Arthur J., 673 S 16th, Newark, N. J.
National Pearl Works, 502 Mulberry, Newark, N. J.
National Pearl Works, 30 E 23d, New York
New England Button Co., 79 Summit, Newark, N. J.
New Jersey Button Works, Duryea, Newark, N. J.
Nord-Buffum Pearl Button Co., Louisiana, Mo.
Parizek Frank, West Willington, Conn.
Patent Pearl Works, 24 E 23rd, New York
Pence M. E., Dallas City, Ill.
Pioneer Pearl Button Co., 874 B'way, New York
Pioneer Pearl Button Co., Poughkeepsie, N. Y.
Popp James, 401 S Clinton, Chicago, Ill.
Power & Kelsay, 377 B'way, New York
Progress Button Co., 619 Filbert, Phila., Pa.
Reheis Bros., Newark, N. J.
Richards Walter W., Muscatine, Ia.
Robinson J. T. & Son, 45 E 17th, New York
Schmalz C. F. (Blanks), Muscatine, Ia.
Schner Block Co., Muscatine, Ia.
Schoor Samuel, West New York, N. J.
Standard Pearl Button Wks., 9814 Denison, Cleveland, O.
Standard Pearl Wks., Newark, N. J.
Superior Button Mfg. Co. (Fresh Water & Ocean), 41 N 11th, Phila., Pa.
Tonks Bros., High, Newark, N. J.
Tri-City Button Co., Davenport, Ia.
Union Pearl Works (Cloak & Suit), 43 W 27th, New York
U. S. Button Co., Muscatine, Ia.
Vienna Pearl Button Mfg. Co., 20 W 27th, New York
Weber & Sons Button Co., Muscatine, Ia.
Wisconsin Pearl Button Co., LaCrosse, Wis.
Wranck Frank, 15th av, Long Island City, N. Y.
Zneimer Nicolas Button Works, 107 S 11th, Newark, N. J.

1741— Buttons (Shoe)

Davis Thos. & Sons, 375 Market, Newark, N. J.
Elite Button Co., 220 W 19th, New York
Farnsworth, Hoyt & Co., 58 Lincoln, Boston, Mass.
German-American Button Co., Rochester, N. Y.
Hardman Button Co., Beverly, Mass.
Haydenville Button Co. (Pearl), Haydenville, Mass.
Heaton Mfg. Co., 77 Cromwell, Providence, R. I.
Morley Button Mfg. Co., Portsmouth, N. H.
Morley Mfg. Co., 120 Boylston, Boston, Mass.
Rhodes M. M. & Sons Co., Taunton, Mass.
Waterbury Button Co., Waterbury, Conn.

1742— Buttons (Stair)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Gould's M. Son & Co., 115 Lafayette, Newark, N. J.
Judd H. L. Co., 87 Chambers, New York
Kroder John & Hy., Reubel Co., Meeker av, Brooklyn, N. Y.
Williamson C. T. Wire Novelty Co., Badger av, Newark, N. J.

1743—*Buttons (Tool Makers')

STARRETT L. S. CO. (THE), Athol, Mass. *See adv index at end of book*

1744— Buttons (Tufting)

Atlas Tack Co., Fair Haven, Mass
Cincinnati Cloth Button Co., 536 Main, Cincinnati, O.
Higgin Mfg. Co. (Clinch, etc), Newport, Ky.
Horan Stay Hanger Co., 1932 W Jefferson, Louisville, Ky.
Metal Stamping Co. (Clinch, etc), 13th, Long Island City, N. Y.
Morley Button Mfg. Co. (Clinch, etc), Portsmouth, N. H.
Neider F. A. Co. ("Neider's" Patent Clinching), Augusta, Ky.
Tockwotton Co., Providence, R. I.
Tufting Machine & Supply Co., Detroit, Mich.
United Button Co., 4th av & 17th, New York

1745— Buttons (Uniform)

American Button Co., 70 Morris av, Newark, N. J.
American Railway Supply Co., 134 Charles, New York
City Button Works, 376 2d av, New York
Conlan Bernard & Co., 87 Hamilton, Newark, N. J.
Lane Mfg. Co., Waterbury, Conn.
N. Y. Button Works, 143 W 19th, New York
Pettibone Bros. Mfg. Co., 626 Main, Cincinnati, O.
Platt Bros. & Co., Waterbury, Conn.
SCOVILL MFG. CO., Waterbury, Conn. *See adv index at end of book*
Steele & Johnson Mfg. Co., Waterbury, Conn.
Waterbury Button Co., Waterbury, Conn.
Waterbury Mfg. Co., Waterbury, Conn.

1746— Buttons (Wood)

Elmwood Button Co. (Enameled), Bridgeport, Conn.
ESTES E. B. & SONS (Laundry, Wood, Push, Stair, etc.), 364 5th av, New York. *See adv index at end of book*
Frary Mfg. Co., Charlemont, Mass.
South Bend Dowel Works, South Bend, Ind.
Stephenson Mfg. Co., South Bend, Ind.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER

Butts (Brass)

See Hinges, Butt

1747— *Butts (Cabinet)

National Lock Co., Rockford, Ill.
Sharon Hardware Mfg. Co., Sharon, Pa.
Stanley Works, New Britain, Conn. *See adv index at end of book*

1747a— *Butts (Car Door)

Stanley Works, New Britain, Conn. *See adv index at end of book*

1747b— *Butts (Casement)

Russell & Erwin Mfg. Co., New Britain, Conn.
Stanley Works, New Britain, Conn. *See adv index at end of book*

1747c— Butts (Door)

Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.
Chicago Spring Butt Co., 340 Union Park ct, Chicago, Ill.
Corbin, P. & F., New Britain, Conn.
Griffin Mfg. Co., 15th & Cherry, Erie, Pa.
Lawson Mfg. Co., 230 W Superior, Chicago, Ill.
McKinney Mfg. Co., Locust, Phila., Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Stanley Works, New Britain, Conn. *See adv index at end of book*

1747d— *Butts (Friction)

Stanley Works, New Britain, Conn. *See adv index at end of book*

1747e—*Butts (Full Surface)

Stanley Works, New Britain, Conn. *See adv index at end of book*

1747f— *Butts (Furniture)

Scovill Mfg. Co., Waterbury, Conn. *See adv index at end of book*
Stanley Works, New Britain, Conn. *See adv index at end of book*

1747g— *Butts (Ball Bearing)

STANLEY WORKS, New Britain, Conn. *See adv index at end of book*

1747h— Butts (Bronze)

Hager C. & Sons Hinge Mfg. Co., 2447 De Kalb, St. Louis, Mo.
Penn Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Stanley Works, New Britain, Conn.
See adv index at end of book
Western Brass Mfg. Co., Marshall blvd & W 21st, Chicago, Ill.
Yale & Towne Mfg. Co., 9 E 40th, New York

1747i— *Butts (Half Surface)

Griffin Mfg. Co., 15th & Cherry, Erie, Pa.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

1747j— *Butts (Metal Door)

Griffin Mfg. Co., 15th & Cherry, Erie, Pa.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

1747k *Butts (Parliament)

STANLEY WORKS, New Britain, Conn.
See adv index at end of book

1747l— *Butts & Hinges

Griffin Mfg. Co., 15th & Cherry, Erie, Pa.
STANLEY WORKS ("Stanley"), New Britain, Conn. ***See adv index at end of book***

1748— Buzzers (Car, Etc.)

Consolidated Car Heating Co. (High & Low Voltage), Albany, N. Y.

1748a—*Buzzers (Navy Standard)

Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book

1749— By-Passes (Gas Burner)

Matchless Brass Mfg. Co., 57 Jay, Brooklyn, N. Y.

1750—By-Products Plants (Designers and Erectors)

Gas Machinery Co., 1900 Euclid av, Cleveland, O.
Koppers H. Co. (Ammonia, Benzol & Tar Recovery), Union Arcade, Pittsburgh, Pa.
Western Gas Const. Co., Ft. Wayne, Ind.

Cabinet Work for Buildings

See Interior Hardwood Work

Cabinet Work (Metallic)

See Bank & Office Fixtures, Metallic

1751—*Cabinets (Bath Room, Metal)

DAHLSTROM METALLIC DOOR CO. (With Mirrors & Glass Shelves), 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book

1752— Cabinets (Catalogue)

See also Filing Cabinets & Devices

American Bolt & Screw Case Co. (Dust Proof Revolving), Dayton, O.
Hamilton Mfg. Co. (Wood & Metal), Two Rivers, Wis.
Medart Fred. Mfg. Co., De Kalb & Potomac St. Louis, Mo. ***See adv index at end of book***
National Ticket Case Co., 842 W 35th, Chicago, Ill.
Ohmer's M. Sons Co. (Dust Proof), Dayton, O
Rowe Henry Mfg. Co., Newaygo, Mich.

1753— Cabinets (Clothing)

Grand Rapids Show Case Co. (Sectional), Grand Rapids, Mich.
Hamburger E. & Co., 139 Emerson pl, Brooklyn, N. Y.
Huttig Mill Work Co., Kansas City, Mo.
Wadsworth Clothing Cabinet Co., Painesville, O.
Welch Mfg. Co. (Sectional), Grand Rapids, Mich.
Wilmarth Show Case Co., Grand Rapids, Mich.

1754— Cabinets (Display)

Mossberg Frank Co. (With Sockets, Socket Handles & Accessories), Attleboro, Mass.

1755—*Cabinets (Drill, Steel)

Medart Fred Mfg. Co., De Kalb & Potomac, St. Louis, Mo.
See adv index at end of book

1756— Cabinets (Electrotype)

Hamilton Mfg. Co., Two Rivers, Wis.
Rowe Henry Mfg. Co., Newaygo, Mich.

1756a—*Cabinets (Filing, Blue Print & Special)

EDWARDS MFG. CO., Cincinnati, O.
See adv index at end of book

1756a—*Cabinets (Hair Pin)

ESTES E. B. & SONS, 364 5th av, New York. ***See adv index at end of book***

1756b— *Cabinets (Herb)

ESTES E. B. & SONS, 364 5th av, New York. ***See adv index at end of book***

1756c— *Cabinets (Hose)

Dahlstrom Metallic Door Co., 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book

1757— Cabinets (Ice Cream)

Bishop-Babcock-Becker Co., Cleveland, O.
Chocolate Cooler Co. ("Grand Rapids"), Grand Rapids, Mich.
Crystal Refrigerator Co., Fremont, Neb.
Doering C. & Son, 1375 W Lake, Chicago, Ill.
Fremont Mfg. Co., Fremont, Neb.
Herrick Refrigerator & Cold Storage Co., Waterloo, Ia.
Nelson C. Mfg. Co., 2300 Division, St. Louis, Mo.
Northey Mfg. Co., Waterloo, Ia.
Stehling C. H. Co., 401 4th, Milwaukee, Wis.

1758— Cabinets (Kitchen)

Acme Kitchen Furniture Co., Chattanooga, Tenn.
American Sash & Door Co., Kansas City, Mo.
Bagby Furniture Co., Eastern av & Exchange, Baltimore, Md.
Brown M. Co., Wapakoneta, O.
Buchanan Cabinet Co., Buchanan, Mich.
Cardinal Cabinet Co., Wabash, Ind.
Carr, Ryder & Adams Co., Dubuque, Ia.
Central Wood Turning Co., 610 Main N E, Minneapolis, Minn.
Cleveland Metal Products Co. ("New Perfection" Enamel Metal), 7609 Platt av & C & P tracks, Cleveland, O.
Columbia School Supply Co. (Enameled Steel), Indianapolis, Ind.
Coppes Bros. & Zook ("Nappanee"), Nappanee, Ind.
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Faultless Iron Works ("The First" White Enameled Metal), St. Charles, Ill.
Greencastle Cabinet Co., Greencastle, Ind.
Hastings Cabinet Co., Hastings, Mich.
Huttig Mill Wk. Co., Kansas City, Mo.
Hoosier Mfg. Co. ("Hoosier"), New Castle, Ind.
I. X. L. Furniture Co., Goshen, Ind.
Jeffersonville Mfg. Co., Jeffersonville, Ind.
Kalamazoo Stove Co. (All Steel), Kalamazoo, Mich.
Kitchen Cabinet & Table Co., High Point, N. C.
Landau Cabinet Co., Frisco Viaduct, St. Louis, Mo.
McClelland T. W. Co., Davenport, Ia.
McClernan & Co. (Steel), 122 S Michigan av, Chicago, Ill.
McClure Mfg. Co., Marion, Ind.
McDougall Co., Frankfort, Ind.
McGarvey Ulricka, Phelan bldg, San Francisco, Cal.
McNown Mfg. Co., Columbia City, Ind.
Minneapolis Furniture Co., 6th av & S. E 9th, Minneapolis, Minn.
National Screen & Mfg. Co., 1456 Harrison av, Cincinnati, O.
Ohio State Stove Co. ("Ossco" All Steel), Columbus, O.
Powell's Steel Kitchen Co., 175 W Jackson blvd, Chicago, Ill.
Sanitary Metal Kitchen Cabinet Co. (Metal), Hot Springs, Ark.
Steel White Co. ("Steel White," "Cabinora"), Jamestown, N. Y.
Union Furniture & Novelty Co., Warren, Pa.
Vredenburgh W. W., 617 Sackett, Brooklyn, N. Y.
Wasmuth-Endicott Co., Andrews, Ind.

1759— Cabinets (Label)

McCourt Label Cabinet Co., Bradford, Pa.

1760— Cabinets (Letter Filing)

See Filing Cabinets & Devices

1761— Cabinets (Medicine)

Accident Cabinet Co. (Emergency Accident), Kalamazoo, Mich.
Armor Clad Mfg. Co., Canton, O.
Bennett Mfg. Co., Alden, N. Y.
Bernstein Mfg. Co., 3d & Westmoreland, Phila., Pa.
Church C. F. Mfg. Co. ("White Pyralin"), Holyoke, Mass.
Cleveland Metalcraft Co. (Steel), Cleveland, O.
Conant Bros. Co., Somerville, Mass.
Conrey-Davis Mfg. Co., Shelbyville, Ind.
Corry Metal Products Co. ("Steel-Age"), Corry, Pa.
Dahl Mfg. Co., 841 E 136th, New York
Dougherty H. D. & Co. ("Faultless"), 17th & Indiana av, Phila., Pa.
Eustis J. P. Co. ("Brasscrafters"), Cambridge, Mass.
Galard Co. ("Omala" White), 335 6th av, Newark, N. J.
Goshen Novelty & Brush Co., Goshen, Ind.
Graf Frank H. Mfg. Co., 332 7th av, New York
Hess Warming & Ventilating Co. (Enameled Steel), 1211 S Western av, Chicago, Ill.
Hygeia Medicine Cabinet Co., 246 Middle, Bridgeport, Conn.
Ideal Reversible Hinge & Cabinet Co. ("Ideal" Bath Room Wood), 3666 Park av, St. Louis, Mo.
Indianapolis Drug Cabinet Co., Indianapolis, Ind.
Jamestown Window Screen Co. ("Sanisteel"), Jamestown, N. Y.
Johnson & Johnson (First Aid), New Brunswick, N. J.
Morgan Co. (Wood), Oshkosh, Wis.
National First Aid Cabinet Works ("P. & M." First Aid), 443 S Dearborn, Chicago, Ill.
Nurre Mirror Plate Co. (All-Steel), Bloomington, Ind.
Powell's Steel Kitchen Co., 175 W Jackson blvd, Chicago, Ill.
Safe-Cabinet Co. ("Safe-Cabinet," Bath Room, etc), Marietta, O.
Sanisteel Co. ("Sanisteel"), 1200 Niagara, Buffalo, N. Y.
Shwab Bros. Co. (Wood), 811 E 9th, New York
Sillcocks-Miller Co. ("Celluvarno"), South **Orange, N. J.**
Solar Metal Products Co. (Steel), Columbus, O.
Standard Cabinet Mfg. Co. (Also Phono**graph, X-Ray & Automobile), Peru,** Ind.
Stephenson C. H. ("Stephenson"), Lynn, Mass.
Stokes Wm. A. & Co. (Wood), 50 Howard, New York
Trio Mfg. Co. (Steel), Cleveland, O.
Udell Works (Wood), Indianapolis, Ind.

1762— Cabinets (Music)

Art Novelty Co., Goshen, Ind.
Automatic File & Index Co., Green Bay, Wis.
Ballman Cabinet Co., 314 Russel av, Cincinnati, O.
Beecher Falls Co., Beecher Falls, Vt.
Box Albert K., Pulaski, N. Y.
Brooks Furniture Mfg. Co., Rochester, N.Y.
Brown C. G. Furniture Co., Syracuse, N. Y.
Butler Mfg. Co., 721 N Clinton, Syracuse, N. Y.
Detroit Cabinet Co., 988 Riopelle, Detroit, Mich.
Faribault Furniture Co., Faribault, Minn.
Forest City Furniture Co., Rockford, Ill.

CABINETS (MUSIC)—continued
Grand Rapids Chair Co., Grand Rapids, Mich.
Grand Rapids Fancy Furniture Co., Grand Rapids, Mich.
Herrmann H. Furniture Co., 368 Broome, New York
Herzog Art Furniture Co., Saginaw, Mich.
High Point Mfg. Co., High Point, N. C.
Hoffer W. Furniture Co., Cohoes, N. Y.
Jamestown Cabinet Co., Jamestown, N. Y.
Lauter H. Co., W Wash. & Harding, Indianapolis, Ind.
Mechanics' Furniture Co., Rockford, Ill.
Miller Cabinet Co., Rochester, N. Y.
New Farson Mfg. Co., Chester, Pa.
North Star Furniture Co., Faribault, Minn
Northwestern Cabinet Co., Burlington, Ia.
Novelty Wood Works Co., Union City, Pa.
Oriel Cabinet Co., Grand Rapids, Mich.
Peterson Art Furniture Co., Faribault, Minn.
Phoenix Mfg. Co., Covington, Ky.
Rockford Desk Co., Rockford, Ill.
Rockford Palace Furniture Co., Rockford, Ill.
Salter Mfg. Co., 339 N Oakley bl, Chicago Ill.
Sheboygan Novelty Co., Sheboygan, Wis.
Stein J. & Sons, 38 Franklin, Brooklyn, N. Y.
Tonk Mfg. Co., 2028 Clybourn av, Chicago, Ill.
Udell Works, Indianapolis, Ind.
Union Furniture Co., Rockford, Ill.
Western Reserve Furniture Co., Warren, O.

1763— Cabinets (Oil)

American Oil Pump & Tank Co. ("American" Self-Measuring), Findlay & Dalton, Cincinnati, O.
Beman Automatic Oil Can Co. ("Beman" Automatic Curb Self-Measuring Gasolene Supply for Automobiles & Engines, etc), Meadville, Pa.
Bowser S. F. & Co., Fort Wayne, Ind.
Chapin R. E. Mfg. Works ("Eclipse"), Batavia, N. Y.
Kraft A. C., 323 W Lake, Chicago, Ill.
Lowe S. C. Supply Co., New Bedford, Mass.
Milwaukee Tank Works, 851 Kinnickinnie, Milwaukee, Wis.
New York Oil Cabinet Co. ("Wiley"), 103 Walker, New York
Wadsworth C. J., Cleveland, O.
Whitall, Tatum Co., 410 Race, Phila., Pa.

1764— Cabinets (Panel Board)

See also Telephone Cabinet Work

Adam Frank Electric Co. ("F-A"), 904 Pine, St. Louis, Mo.
A. G. Mfg. Co., Seattle, Wash.
Allsteelequip Co. (Metal), Aurora, Ill.
Aurora Steel Products Co., Aurora, Ill.
Berry-Glosser Co., Marion, O.
Bissell F. Co. ("Security"), Toledo, O.
Bonnell W. A. Co., 132 Church, New York
Brady Electric Mfg. Co., New Britain, Conn.
Burns James F., 713 Cherry, Phila., Pa.
Chicago Switchboard Mfg. Co., 426 S Clinton, Chicago, Ill.
Cleveland Switchboard Co., Cleveland, O.
Columbia Metal Box Co., 226 E 144th, New York
Commercial Switchboard Mfg. Co., Denver, Co.
Consolidated Elec. Mfg. Co., 223 N 13th, Phila., Pa.
Connecticut Electric Mfg. Co., Bridgeport, Conn.
C. & P. Elec. Wks., Springfield, Mass.
Crouse-Hinds Co. (Steel; also Wood), Syracuse, N. Y.
Cutter Co. Geo. (A. W. Switch Box), 415 Notre Dame, South Bend, Ind.
Cuthbert Electrical Mfg. Co., 725 Fulton, Chicago, Ill.
DAHLSTROM METALLIC DOOR CO. (Metal), 35 Blackstone av, Jamestown, N. Y. *See adv index at end of book*
Dill Mfg. Co., 684 E 82nd, Cleveland, O.
Electrical Mfg. Co., 112 Hamilton av, Cleveland, O.
Electric Apparatus Co., Chicago, Ill.
Electric Panelboard Co., 27 N Water, Rochester, N. Y.
Electric Steel Box Co., 31st & S Wood, Chicago, Ill.
Federal Sign System (Elect.), 640 W Lake, Chicago, Ill.
Fish & Horton Co., 133-135 Mill, Rochester, N. Y.
Flint Elec. & Mfg. Co., 1402 Delgany, Denver, Colo.
Greater New York Metal Box Co., 143 W 19th, New York
Hamilton Sheet Metal Co., Hamilton, O.
Hauer J. B., 23 Richardson, Brooklyn, N. Y.
Hart & Hegeman Mfg. Co., 343 Capitol av, Hartford, Conn.
John H. H., 277 Minna, San Francisco, Cal.
Krantz Mfg. Co., 160 7th, Brooklyn, N. Y.
Kuhhman Engrg. Co., Toledo, O.
Large-Dail Mfg. Co., 606 Cherry, Phila., Pa.
Leonard-Bundy Elec. Co., 433 Champlain av, Cleveland, O.
McDowell Mfg. Co., Home Trust bldg, Pittsburgh, Pa.
Mendell Mfg. Co., New Bedford, Mass.
Metropolitan Electric Mfg. Co., 14th, Long Island City, N. Y.
Metropolitan Elec. Mfg. Co., 524 1st, Seattle, Wash.
Metropolitan Engrg. Co., 35 Vestry, New York
Milwaukee Vault & Cabinet Co., 521 Market, Milwaukee, Wis.
Mutual Electric & Machine Co. ("Bulldog"), 232 Fort, W, Detroit, Mich.
Nametco Products Co., 88 Walker, New York
Newgard Henry & Co. ("Newgard"), 947 Washington blvd, Chicago, Ill.
O. K. Metal Box Co., New York
Paiste H. T. Co. ("Le Manquais"), 3201 Arch, Phila., Pa.
Peterson Chas. J. & Co., 725 Fulton, Chicago, Ill.
Portland El Maintenance Co., Portland, Ore.
Pringle Electrical Mfg. Co., 1906 N 6th, Phila., Pa.
Renim Specialty Co., Brighton, Boston, Mass.
Rice Co. Geo. H., 481 Sterling pl, Brooklyn, N. Y.
Robb & Blackmer, 129 Pearl, Boston, Mass.
Schmidt A. R. Elec. Co., 262 E Water, Milwaukee, Wis.
Service Elec. & Mfg. Co., Minneapolis, Minn.
Square D. Co., 1411 Revard, Detroit, Mich.
Standard Mechanical Equipt. Co., Dallas, Tex.
Star Metal Box Co., 507 W 19th, New York.
Sterling Switchboard Co., Camden, N. J.
Superior Electric Mfg. Co., 2416 University av, S E, Minneapolis, Minn.
Tanner & Co. Wm. F., Baltimore, Md.
Taunton-New Bedford Copper Co. (Metal), Taunton, Mass.
Thomas & Betts Co., 105 Hudson, New York
Troy Electrical Co. (Metal), Troy, N. Y.
Trumbull Electric Mfg. Co., Plainville, Conn.
Trumbull-Vanderpoel Elec. Mfg. Co., Bantam, Conn.
United Sheet Metal Wks., San Francisco, Cal.
Wecso Supply Co., 7th & Clark av, St. Louis, Mo.
Wilson Co. A. B., Leader News bldg, Cleveland, O.
Worcester Elec. & Mfg. Co., Worcester, Mass.
Wurdack Wm. Electric Mfg. Co., 21 11th, St. Louis, Mo.

1765— Cabinets (Sewing)

Buchanan Cabinet Co., Buchanan, Mich.
I. X. L. Furniture Co., Goshen, Ind.
Joerns Bros. Mfg. Co., Exposition bldg, St. Paul, Minn.
Kundtz Theodor Co., Winslow & Elm, Cleveland, O.
Stokes Mfg. Co., Montgomery, Pa.

1766— Cabinets (Spice)

Arcade Mfg. Co., Freeport, Ill.
Kronman E., 40 Catharine, New York
Nichthauser & Levy, 252 Java, Brooklyn, N. Y.
Res Mfg. Co., 2907 Meinecke av, Milwaukee, Wis.
Richardi & Bechtold, Bellaire, Mich.
Tucker & Dorsey Mfg. Co., Indianapolis, Ind.

1766a— Cabinets (Steel)

Armor Clad Mfg. Co., Canton, O.
Art Metal Products Co., 514 S Green, Chicago, Ill.
EDWARDS MFG. CO., Cincinnati, O. *See adv index at end of book*
HART & HUTCHINSON CO. ("H. & H." Storage), Dept. C, New Britain, Conn.
Lyon Metallic Mfg. Co., Aurora, Ill.
Solar Metal Products Co. (Hose), Columbus, O.

1766b—*Cabinets (Switchboard)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

1767— Cabinets (Syrup)

Bishop-Babcock-Becker Co., Cleveland, O.

1767a—*Cabinets (Talking Machine)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Federal Equipment Co., Carlisle, Pa.
Long Geo. A. Cabinet Co., Hanover, Pa.

1768— *Cabinets (Thread)

ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*

Cabinets (Toilet Paper)

See Holders, Toilet Paper

1769— *Cabinets (Tool)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

1770— Cabinets (Tool, Steel)

Allsteelequip Co., Aurora, Ill.
Armstrong Bros. Tool Co., 339 N Francisco av, Chicago, Ill.
Bernstein Mfg. Co., 3d & Westmoreland, Phila., Pa.
Cleveland Wire Spring Co., Cleveland, O.
Darby Edw. & Sons Co. ("Pen-Dar"), 239 Arch, Phila., Pa.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
EDWARDS MFG. CO., Cincinnati, O. *See adv index at end of book*
Hart & Hutchinson Co. ("H. & H."), Dept. C., New Britain, Conn.
Lyon Metallic Mfg. Co. ("Lyon"), Aurora, Ill.
Medart Fred. Mfg. Co., De Kalb & Potomac, St. Louis, Mo. *See adv index at end of book*
SNEAD & CO. IRON WORKS, 98 Pine, Jersey City, N. J. *See adv index at end of book*
Terrell's Equipment Co., Broadway, Grand Rapids, Mich.

1771—Cabinets (Utility, Steel)

Lyon Metallic Mfg. Co. ("Lyon"), Aurora, Ill.

1772— *Cabinets (Wood)

ESTES E. B. & SONS (Turned Wood, Hair Pin, Thread, Tool, Switchboard, etc), 364 5th av, New York *See adv index at end of book*

Cabinets & Filing Cases (Metallic)

See Filing Cabinets & Devices, with the words Metallic or Steel following firm names

1773— Cable (Ignition)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill. *See adv index at end of book*
Boston Insulated Wire & Cable Co., Boston, Mass.
Empire Tire & Rubber Corp. ("Empire," "Ideal"), East Trenton, N. J.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Herz & Co., 245 W 55th, New York
Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.
Mosler A. R. & Co., Mt. Vernon
OKONITE CO., 501 Fifth av, New York *See adv index at end of book*
Otter Mfg. Co., Inc., 243 W 17th, New York
Packard Electric Co., Warren, O.

Post & Lester Co., Hartford, Conn.
Safety Insulated Wire & Cable Co., 114 Liberty, New York
Splitdorf Electrical Co., 98 Warren, Newark, N. J.
Standard Underground Cable Co., Pittsburgh, Pa.

Cable Railways

See Wire Rope Tramways

Cables (Armored)

See Conductors, Armored

1774—*Cables (Asbestos Station)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

1776—*Cables (Copper, Electric)

AMERICAN BRASS CO., Waterbury, Conn. *For branch offices see adv index at end of book*
ROME WIRE CO. ("Rome Wire"), Rome, N. Y. *See adv index at end of book*

1777—*Cables (Drilling, Manila)

See also Rope, Manila; Rope, Wire

COLUMBIAN ROPE CO., 3050 Genesee, Auburn, N. Y. *See adv index at end of book*
Fischer & Hayes Rope Co., 602 W Lake, Chicago, Ill. *See adv index at end of book*

1777a—Cables (Interior Telephone)

STROMBERG CARLSON TELEPHONE MFG. CO., Rochester, N. Y. *See adv index at end of book*

1777b—*Cables (Launch Steering)

ROEBLING'S JOHN A. SONS CO., Main office: Trenton, N. J. Works: Trenton & Roebling, N. J. *See adv index at end of book*

1778—*Cables (Mining Machine)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill. *See adv index at end of book*

Cables (Rubber Covered)

See Wire, Rubber Covered

1779—Cables (Submarine, Underground & Lead Encased)

See also Wire, Insulated

American Electrical Works, Phillipsdale, R. I.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill. *See adv index at end of book*
Atlantic Insulated Wire & Cable Co., Stamford, Conn.
Bay State Insulated Wire & Cable Co., Hyde Park, Mass.
Bishop Gutta-Percha Co., 420 E 25th, New York
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Goodrich B. F. Co., Akron, O.
Habirshaw Elec. Cable Co., 10 E 43rd, New York
Hazard Mfg. Co., Wilkes-Barre, Pa.
Indiana Rubber & Insulated Wire Co. ("Paranite"), P. O. Box 192, Jonesboro, Ind.
Kerite Insulated Wire & Cable Co. (Kerite), 30 Church, New York
National Conduit & Cable Co., 41 Park row, New York
National India Rubber Co., Bristol, R. I.
N. Y. Insld. Wire Co., 84 State, Boston, Mass.
OKONITE CO., 501 Fifth av, New York *See adv index at end of book*
ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J. *See adv index at end of book*
Safety Insulated Wire & Cable Co., 114 Liberty, New York
Simplex Wire & Cable Co., 201 Devonshire, Boston, Mass.
Standard Underground Cable Co. (Paper, Varnished Cambric, Rubber & Fibre Insulated), Pittsburgh, Pa.
Western Electric Co., 463 West, New York

1780—*Cables (Suspension Bridge)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill. *See adv index at end of book*
Fischer & Hayes Rope Co., 602 W Lake, Chicago, Ill. *See adv index at end of book*
ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. *See adv index at end of book*

Cables (Weatherproof)

See Wire, Weatherproof

Cableways (Aerial)

See Wire Rope Tramways

1781—*Cableways (Concrete Handling)

Blaw Knox Co., Farmers Bk. bldg, Pittsburgh, Pa.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

1782—*Cableways (Contractors')

LIDGERWOOD MFG. CO., 96 Liberty New York *See adv index at end of book*

1783—*Cableways (Drag Line)

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

1784—*Cableways (Logging)

CLYDE IRON WORKS, Duluth, Minn. *See adv index at end of book*
LIDGERWOOD MFG. Co., 96 Liberty, New York *See adv index at end of book*

1785—*Cableways (Sewer & Trench Excavating)

See also Wire Rope Tramways

CLYDE IRON WORKS, Duluth, Minn. *See adv index at end of book*
LIDGERWOOD MFG. Co., 96 Liberty, New York *See adv index at end of book*

Cableways (Wire Rope)

See Wire Rope Tramways

1786— Cadgers (Mining)

GEM MFG. CO. ("Gem" Steel, for Miners' Oil Reserve Supply), Goebel nr Fulton, N S, Pittsburgh, Pa. *See adv index at end of book*

1787— Cadmium

American Smelting & Refining Co., 120 B'way, New York
Drakenfeld B. F. & Co. (Sulphide, Selling Agent, 50 Murray, New York
Grasselli Chemical Co. (Pure in Sticks & Cadimium Sulphide), Guardian bldg, Cleveland, O.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Krebs Pigment & Chemical Co. (Sulphide), Newport, Del.
McKesson & Robbins (Imp), 91 Fulton, New York
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Merchant & Evans Co., 2035 Washington av, Phila., Pa. *See adv index at end of book*
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn. *See adv index at end of book*
U. S. Zinc Co., Pueblo, Colo.
Wiarda John C. & Co. (Sulphide), 273 Greene, Brooklyn, N. Y.

1788— Caffeine

Monsanto Chemical Works, St. Louis, Mo.
National Aniline & Chemical Co. ("Howards" Imp), 21 Burling slip, New York

1789— Cages (Batting)

Spalding A. G. & Bros., 126 Nassau, New York

1790—Cages (Bird, Animal, Etc.)

Dufur & Co. (Brass, Enameled Bird; also Wooden), 311 N Howard, Baltimore, Md.
Empire Cooping Co. (Cat, Pigeon, Poultry), Fultonville, N. Y.
Gray Peter & Sons, Inc. (Animal), 286 3d, East Cambridge, Mass.
Heinz & Munschauer (Bird, Squirrel, etc), Buffalo, N. Y.
Hendryx Andrew B. Co. (Bird, Parrot, Squirrel), New Haven, Conn.

"HENDRYX"
BIRD CAGES
are used for most all the pet birds
Brass, Tinned, Japanned
Over 200 Styles
The A. B. Hendryx Company
New Haven, Conn.

Lindemann O. & Co. (Bird, Mouse, Parrot, Squirrel), 35 Wooster, New York
Maxwell's John Son (Bird, Parrot, Squirrel), 259 Pearl, New York
Meyers F. J. Mfg. Co. (Bird, Squirrel, Wooden), Hamilton, O. *See adv index at end of book*
Osborn Mfg. Co. (Brass, Silver Plated & Solid Bronze Bird), 675 Hudson, New York
Page Steel & Wire Co. (Bear, Bird, Monkey), Adrian, Mich. *See adv index at end of book*
Phillips & Buttorff Mfg. Co. (Squirrel), Nashville, Tenn.

1791— Cages (Mine)

See also Skips, Mine

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Atlas Car & Mfg. Co., Cleveland, O.
Bartlett A. F. & Co., Saginaw, Mich.
BARTLETT C. O. & SNOW CO., French st, Cleveland, O. *See adv index at end of book*
Connellsville Machine & Car Supply Co., Connellsville, Pa.
Connellsville Mfg. & Mine Supply Co., Connellsville, Pa.
Denver Engineering Works Co., Denver, Colo.
Diamond Machine Co., Monongahela, Pa.
Dillon Box Iron Works Co., Denver, Colo.
Duncan Foundry & Machine Works (Self-Dumping & Plain), Alton, Ill.
Eagle Iron Works ("Olsen's" Self-Dumping), Des Moines, Ia.
Egyptian Iron Wks., Murphysboro, Ill.
Ellison Wm. & Sons Mfg. Co., St. Louis, Mo.
Harris-Stevens Co., Pittsburgh, Pa.
Hendrie & Bolthoff Mfg. & Supply Co., Denver, Colo.
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
Herzler & Henninger Machine Works (Automatic & Plain), Belleville, Ill.
Imperial Iron Works, Duluth, Minn.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lake Shore Engine Works, Marquette, Mich.
Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av, & P. & R. Ry., Philadelphia, Pa. *See adv index at end of book*
Litchfield Fdry. & Machine Co. (Self-Dumping & Ordinary), Litchfield, Ill.
Lucas A. & Sons (Self-Dumping), 1329 S Washington, Peoria, Ill.
Milholland J. & J. B. Co., 714 5th av, Pittsburgh, Pa.
Mine & Smelter Supply Co., 42 B'way, New York
Mineral Ridge Mfg. Co. ("Stevens"), Mineral Ridge, O.
National Iron Co., Duluth, Minn.
Niles Mine & Mill Supply Co., Cleveland, Ohio
Ottumwa Box Car Loader Co. (Self-Dumping & Standard), Ottumwa, Ia.
Ottumwa Iron Works, Ottumwa, Ia.
Prox Frank Co., Terre Haute, Ind.

CAGES (MINE)—continued
Scottdale Mach. & Mfg. Co. (Automatic), Scottdale, Pa.
Salt Lake Iron & Steel Co., Salt Lake City, Utah
Southern Illinois Mach. & Fdry. Co., Murphysboro, Ill.
Stine S. B. (Automatic), Osceola Mills, Pa.
Traylor Engng. & Mfg. Co., Allentown, Pa.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
Union Iron Works, Spokane, Wash.
Union Iron Works, Hoboken, N. J.
United Iron Works Co., Kansas City, Mo.
Vulcan Iron Works, Wilkes-Barre, Pa.
Wellman-Seaver-Morgan Co., Cleveland, O.
What Cheer Tool Co. ("Walker" Automatic Reversible), What Cheer, Ia.

Cages (Squirrel)

See Cages, Bird, Animal, etc.

1792— Caisson Foundations

See also Bridge Foundations

Blodgett Construction Co., Kansas City, Mo.
Clark & Co., 225 5th av, New York
Cranford Paving Co., 2620 E N W, Washington, D. C.
Cullen-Friestedt Co., 7 S Dearborn, Chicago, Ill.
Foundation Co. (Engineers & Contractors, Pneumatic etc). 233 B'way. New York
Gahagan Walter H., 147 Remsen, Brooklyn, N. Y.
Great Lakes Dredge & Dock Co., 104 S Michigan av, Chicago, Ill.
Houston C. B. & Co., Franklin Bank bldg, Phila., Pa.
McMULLEN ARTHUR CO., 149 B'way, New York
McMurry J. W. Contracting Co., Kansas City, Mo.
Missouri Valley Bridge & Iron Co. (A. J. Tullock, Prop.), Leavenworth, Kan.
O'Rourke Engineering Construction Co., 17 Battery pl, New York
Rust Engineering Co., Farmers Bk. bldg, Pittsburgh, Pa.
Simplex Foundation Co., 3400 Disston, Phila., Pa.
Steers Henry, 17 Battery pl, New York

1793— Caissons (Cast Iron)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Builders' Iron Foundry, 9 Codding, Providence, R. I.

1794— Caissons (Sheet Steel)

Coatesville Boiler Works (Steel), Coatesville, Pa.
Columbiana Boiler Co., Columbiana, O.
DOVER BOILER WORKS, Sales Office, 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
East Jersey Pipe Corp., Paterson, N. J.
Ellicott Machine Corp., Bush & Severn, Baltimore, Md. *See adv index at end of book*
Graver Wm. Tank Works, East Chicago, Ind.
Heil Co., Milwaukee, Wis.
Kellogg M. W. Co. (Welded), 90 West, New York *See adv index at end of book*
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Leslie, Elliott & Co., Paterson, N. J.
Manitowoc Engineering Works, Manitowoc Wis.
Petroleum Iron Works Co., Sharon, Pa.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Pollock Wm. B. Co., Youngstown, O.
Reeves Bros. Co., Alliance, O.
Riter-Conley Co., Pittsburgh, Pa.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Smith Samuel & Son Co., Paterson, N. J.
Tippett & Wood, Phillipsburg, N. J.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Union Iron Works, Hoboken, N. J.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

1795— *Calcimines

FOX M. EWING CO. ("Muralite" & "Calcitine"), 241 E 136th, New York
See adv under Paint Mfrs, branch offices, end of book

1795a—*Calcinning & Drying Apparatus

ATLAS ENGINEERING CO., Amherst, O.
See adv index at end of book
CUMMER F. D. & SON CO., Superior Arcade, Cleveland, O.
See adv index at end of book

1795b*— Calcining Systems

SCHAEFER ENGINEERING EQUIPMENT CO. (Continuous Process), Tiffin, O.
See adv index at end of book

1795c— Calcium Arsenate

Riches, River & Co., 30 Church, New York

1796— Calcium Carbide

Air Reduction Sales Co., 120 B'way, New York
American Carbolite Co. ("Carbolite"), Duluth, Minn.
Commercial Acetylene Welding Co., Monadnock bldg, San Francisco, Cal.
Union Carbide Sales Co., 30 E 42nd, New York. Works: Niagara Falls, N. Y., & Sault Sainte Marie, Mich.

1797—Calcium Carbide Briquettes

Carbic Mfg. Co. ("Carbic"), Duluth, Minn

1798— Calcium Carbonate

Chinn Mineral Co., Harrodsburg, Ky.
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Industrial Chemical Co., 200 5th av, New York

Calcium Chloride

See Chloride of Calcium

1799— Calcium Cyanamid

American Cyanamid Co., Nashville, Tenn.

1799a— Calcium Fluoride

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

1800— Calcium Sulphate

Dehls & Stein, Inc., 239 S Newark, N. J.
Riverside Acid Works, Warren, Pa.

1800a— Calcspar

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

Caldrons

See Kettles, Caldron

1800b—*Calendar Cases (Castings: Gorham Special Patent)

GORHAM CO. ARCHITECTURAL BRONZE, 5th av & 36th, New York
See adv index at end of book

1801— Calendars (Desk)

Knapp Co., 52 E 19th, New York
Myers Elwood Co. (Advertising), Springfield, O.
Parrott Matt & Sons Co. (Perpetual Daily Date), Waterloo, Iowa
SCHIMPER WILLIAM & CO., 322-338 Ferry, Hoboken, N. J., & 33 Union sp, W, New York

1802— Calibrators (Meter)

Roller-Smith Co. ("Columbia"), 233 B'way, New York
Sangamon Electric Co., Springfield, Ill.

Calipers (Beam)

See Calipers & Dividers, Spring

1803— *Calipers (Firm Joint)

STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

1804— Calipers (Log)

Humphrey Machine Co. (Decimal), Keene N. H.
Keuffel & Esser Co., Hoboken, N. J.
Lufkin Rule Co., Saginaw, Mich.

Calipers (Micrometer)

See Gauges, Micrometer

1805— Calipers (Vernier)

Brown & Sharpe Mfg. Co., Providence, R. I.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

Calipers (Winged)

See Dividers, Wing & Extension; also Calipers & Dividers

1806—Calipers & Dividers (Spring)

See also Gauges, Dividers, Wing & Extension; also Rules, Caliper; also Squares, Caliper; also Micrometers; also Spherometers
Athol Machine Co. ("Premier" & "A. M. C."), Athol, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Chapin-Stephens Co., Pine Meadow, Conn.
Goodell-Pratt Co., Greenfield, Mass.
Kraeuter & Co. (Register, Outside, Navy, etc), 583 18th av, Newark, N. J.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Pratt & Whitney Co., Hartford, Conn.
Sandow Tool Co., 570 W B'way, New York
Sawyer Tool Mfg. Co., Ashburnham, Mass.
Smith H. B. Machine Co. (Chisel, for Hand Turning), Smithville, N. J.
STARRETT L. S. CO. (THE) ("Fay" & "Yankee"), Athol, Mass.
See adv index at end of book
Union Tool Co., Orange, Mass.
Tolman I. W. ("Copelands" Dividers), Worcester, Mass.
See adv index at end of book
Welles Fred A. (Adjustable, etc), Waukesha, Wis.

1807— Calks (Boot)

North & Pfeiffer Mfg. Co. ("Pfeiffer" Wing Screw), Hartford, Conn.
Lufkin Rule Co. (Lumbermen's, etc), Saginaw, Mich.

1807a— Calks (Drive)

Diamond Calk Horse Shoe Co., Duluth, Minn.
Giant Grip Horse Shoe Co. ("Giant Grip"), Oshkosh, Wis.
Green Bay Drive Calk Co., Green Bay, Wis.
Rowe Calk Co., Hartford, Conn.
Williams Drop Forging Co., Scranton, Pa.

1807b—Calks (Screw, Removable)

American Calk Co. ("Sure Grip"), 1217 Forest, Detroit, Mich.
Reynolds James Mfg. Co. ("Acme," "Wont Slip"), New Haven, Conn.
Rowe Calk Co. ("Rowe," "H"), Hartford, Conn.
Williams Drop Forging Co. ("Williams Can't Slip," "Black Diamond"), Scranton, Pa.

Calks (Toe, Horseshoe)

See Toe Calks, Steel

1808— Calls (Duck & Crow)

Allen Fred A. Sportsman's Specialty Co. (Wood Shell), Monmouth, Ill.
Ditto Charles H. ("Ditto"), Keithsburg, Ill.

1809— Calomel

National Aniline & Chemical Co. ("Howards" Imp), 21 Burling slip, New York
Pfizer Charles & Co., 81 Maiden la, New York

1810-11— Calorimeters

American Meter Co. (Improved "Junkers") 3112 N 17th, Phila., Pa.
American Steam Gauge & Valve Mfg. Co. ("Ellison" Throttling Evaporating), 208 Camden, Boston, Mass.
Bausch & Lomb Optical Co., Rochester, N. Y.
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
Eimer & Amend, 205 3d av, New York
Ellison Lewis M. ("Ellison" Throttling-Evaporating), 214 W Kinzie, Chicago, Ill.
Emerson Apparatus Co., 251 Causeway, Boston, Mass.
Gaertner Wm. & Co. ("Mahler," Bomb Type, etc), 5349 Lake Park av, Chicago, Ill.
Lenz Apparatus Co., 9 E 16th, New York
Lexington Instrument Works ("Smith" Recording Gas), Lexington, Richland Co., Ohio
Precision Instrument Co. ("Roland Wilds") Detroit, Mich.
Sargent Steam Meter Co. (Automatic Gas), 1902 N California, Chicago, Ill.
SCHAEFFER & BUDENBERG MFG. CO. ("Carpenter" Throttling, Separating & Coal), Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book
Smith Gas Power Engineering Co. ("Smith" Recording Gas), Lexington, Richland Co., Ohio
Standard Calorimeter Co. ("Parr"), East Moline, Ill.
Star Brass Mfg. Co., 108 E Dedham, Boston, Mass.
Superior Meter Co., 254 36th, Brooklyn, N. Y.

1812— Camera Obscuras

McAllister T. H.-Keller Co., 176 Fulton, New York

1813— Cameras

Ansco Co., Binghamton, N. Y
Bauer Max, Jersey City, N. J.
Bell & Howell Co. ("Standard" Moving Picture), 1801 Larchmont av, Chicago, Ill.
Benson Dry Plate & Camera Co. (Ferrotype & Postal Card), 168½ Delancey, New York
Chicago Ferrotype Co., 1455 W Congress Chicago, Ill.
Conley Camera Co., Rochester, Minn.
Daydark Specialty Co., 2823 Benton, St. Louis, Mo.
Eastman Kodak Co. ("Graflex," "Premo," "Kodak," "Brownie"), Rochester, N. Y
Gennert G., 24 E 13th, New York
Goerz C. P., American Optical Co., 317 E 34th, New York
Gundlach Manhattan Optical Co. ("Korona"), Rochester, N. Y.
Ingersoll Robt. H. & Bro., 315 4th av, New York
Mountford Mfg. Works, Dumont, N. J.
Peerless Mfg. Co., Norwalk, Conn.
Schneider Eberhard (Moving Picture), 219 2d av, New York
Seneca Camera Mfg. Co., Rochester, N. Y.
Universal Camera Co., 557 W Jackson blvd, Chicago, Ill.
Viflex Camera Co., Springfield, Mass.
Wing S. & Co., Charleston, Boston, Mass.
Woodbury & Co. (Aerial), Worcester, Mass.

1814—Camp Cooking Outfits & Stoves

Aluminum Goods Mfg. Co., Manitowoc, Wis.
Gold Medal Camp Furniture Mfg Co., Racine, Wis.
Kraft A. C. ("Kamp Komfort" Heaters & "Kamp Kook's" Kits), 323 W Lake, Chicago, Ill.
Stopple Kook Kit Co., Alma, Mich.

1815— Camp Stools & Chairs

Defiance Welding Co. (Steel Stools only. Folding), Defiance, O.
Gold Medal Camp Furniture Mfg. Co., Racine, Wis.
McKinnon Dash Co. (Folding Metal), Buffalo, N. Y.
Richards Mfg. Co., Marietta, O.
STANLEY WORKS ("Stanley" Folding Camp Stool), New Britain, Conn.
See adv index at end of book
Steinfeld Bros. (Folding), 116 W 32nd, New York

1816— Camphor

American Camphor Refining Co. (Refined), 14 Fulton, Boston, Mass.
American Trading Co. (Imp), 25 Broad, New York
Ayers, Bridges & Co. (Imp), 200 Summer, Boston, Mass.
Baker H. J. & Bro. (Refiners), 81 Fulton, New York
Barrett Co. (Tar), 17 Battery pl, New York
Cresol Chemical Co. (Oriental Rice, etc), 8 Van Buren, Brooklyn, N. Y.
Fearon, Brown Co. (Imp), 96 Wall, New York
Ferguson Bros., 109 Chestnut, Phila., Pa.
Frost & Cundill, Inc. (Imp.), 60 Wall, New York
Fuerst Bros. & Co., 2 Stone, New York
Johnson A. W. V., Mchts. Exch., San Francisco, Cal.
Jones E. F. Chemical Co., 51 Jay, New York
Lehn & Fink (Japanese, Imp), 120 William, New York
Lewy Chemical Co., 26 E 22d, New York
Mallinckrodt Chemical Works (Refined), 2nd & Mallinckrodt, St. Louis, Mo.
Mitsul & Co. (Imp), 65 B'way, New York
National Aniline & Chemical Co. (Imp. Refined Japanese Gum), 21 Burling sl, New York
Parke, Davis & Co. (Japanese), Detroit, Mich.
Pfizer Chas. & Co. (Refined), 81 Maiden la, New York
Satsuma Co., Satsuma Heights, Fla.
Schieffelin & Co. (Refined, Imp), 170 William, New York
Stilwell Arthur A. & Co. (Imp), 20 Cliff, New York

1817— Cams

Barrett Bros., 43 Haverhill, Boston, Mass.
Chester Steel Castings Co., Chester, Pa.
Chrome Steel Works (Canada Chrome Steel, Self-Locking), Chrome, N. J.
Denver Engineering Works Co. (Cam Shafts for Stamp Mills), Denver, Colo.
Erie Forge Co. (Shafts for Stamp Mills, Eccentric Forgings), Erie, Pa.
Garvin Machine Co., 147 Varick, New York
KENNEDY-VAN SAUN MFG. & ENG. CORP. ("Cania" Self-Locking, etc), 120 B'way, New York
See adv index at end of book
National Steel Casting Co., Montpelier, Ind.
Rowbottom Machinery Co. (For Machinery), Waterville, Conn.
Union Drop Forge Co. (Drop Forged), 358 W Grand av, Chicago, Ill.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

1817a— Candle (Tubes)

Elastoid Fibre Co., Waltham, Mass.
Fibre Products Co., New Bedford, Mass.

1818— Candles (Bees Wax)

Cathedral Candle Co., Syracuse, N. Y.
Knapp Edw. J. Candle Co., Syracuse, N. Y.
Marty F. & Co., Syracuse, N. Y.
Will & Baumer Co., Syracuse, N. Y.

1819— Candles (Carbide)

Ainsworth Wm. & Sons ("Arnold"), Denver, Colo.

1820— Candles (Coach)

Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.
Emery Candle Co., Cincinnati, O.
Gross A. & Co., 90 West, New York
Marty F. & Co., Syracuse, N. Y.
Standard Oil Co., of N. J., 26 Broadway. New York
Will & Baumer Co., Syracuse, N. Y.

1821— Candles (Electric)

American Ever Ready Works of National Carbon Co., Thompson av, Long Island City, N. Y.

1822—Candles (Mutton Tallow)

Boyd James, 408 W 26th, New York
Syracuse Candle Co., Syracuse, N. Y.

1823—Candles (Plumbers' & Mining)

Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.
Cathedral Candle Co., Syracuse, N. Y.
EMERY CANDLE CO., Cincinnati, O.
Finn Geo. M., 427 E Water, Syracuse, N. Y.
Goodwin Mfg. Co., 3332 Choteau, St. Louis, Mo.
Great Western Oil Co., 2846 E 37th, Cleveland, O.
Gross A. & Co., 90 West, New York
Harkness & Cowing Co., Murray av, & Carthage Pike St. B, Cincinnati, O.
Knapp Mfg. & Supply Co., 241 Water, New York
Knapp Edw. J. Candle Co., Syracuse, N. Y.
Marty F. & Co., Syracuse, N. Y.
Schaeffer Bros. & Powell Mfg. Co., Barton & Kosclusko, St. Louis, Mo.
Smith & Nichols, 121 Maiden la, New York
Standard Oil Co. of N. J., 26 B'way, New York
Standard Oil Co. of N. Y. ("Which Will Tin," "Electric Light," "Granite," "Snow Flake"), 555 W 25th, New York
Syracuse Candle Co., Syracuse, N. Y.
Will & Baumer Co., Syracuse, N. Y.

1824—Candles (Stearic Acid)

Century Stearic Acid Candle Wks., 380 South, New York
Emery Candle Co., Cincinnati, O.
Gross A. & Co., 90 West, New York
Knapp Edw. J. Candle Co., Syracuse, New York
Marty F. & Co., Syracuse, N. Y.
Will & Baumer Co., Syracuse, N. Y.

1825— Candles (Sulphur)

Seabury & Johnson, 59 Maiden la, New York
White Tar Co., 4 Cliff, New York

1826—Candlesticks (Colonial)

American Ring Co. (Brass), Waterbury, Conn.
Boston Brass Andiron Co., 104 Utica, Boston, Mass.
Buffalo Mfg. Co., Buffalo, N. Y.
Central Stamping Co. (Planished Brass, etc), 172 Fulton, New York
Crescent Brass Mfg. Co., Cleveland, O.
Elm City Brass & Rivet Co., Plainville, Conn.
Henry-Bonnard Bronze Co., 20 Exchange pl, New York
Jackson Wm. H. Company, 2 W 47th, New York
Janusch Mfg. Co. (Brass & Copper), 496 E 134th, New York
National Enameling & Stamping Co., 411 5th av, New York
Riley-Klotz Mfg. Co., 17 Mulberry, Newark, N. J.
Rostand Mfg. Co. ("Rostand," Brass), Milford, Conn.
Thomas Seth Clock Co., Thomaston, Conn.
Warner Silver Co. (Gold, Silver & Brass Plated), Bridgeport, Conn.

1826a—Candlesticks (Mahogany)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

1827—Candlesticks (Miners' & Plumbers')

Ludlow-Saylor Wire Co., Newstead av c Wabash R R, St. Louis, Mo.
Stortz John & Son, 210 Vine, Phila., Pa.
Varney N. E., Denver, Colo.

1828— Canisters

See also Tinware Mfrs.

Canister Co. of New Jersey ("Canwood" Fibre, etc, with Tin Tops & Bottoms for Dry Foods & Chemicals), Phillipsburg, N. J.
Central Stamping Co., 172 Fulton, New York
Fernald Mfg. Co. (Tea, Coffee), North East, Pa.
Kaiser Geo. J. (Tin Grocers), 194 Duane New York

CANISTERS—continued

Kronman E. (Tea Coffee), 40 Catharine, New York
Lalance & Grosjean Mfg. Co. (Tea, Coffee, Sugar, etc, Japanned), 299 B'way, New York
National Enameling & Stamping Co., 411 5th av, New York
St. Louis Paper Can & Tube Corporation (Dry Products), St. Louis, Mo.
Threthaway Bros. (Japanned & Lithographed), Parsons, Pa.

1829— Canned Goods

NOTE—Firms listed under this heading are given at their main office only.

Marked thus * indicates fish
Marked thus b indicates berries
Marked thus f indicates fruit
Marked thus m indicates meat
Marked thus p indicates preserves
Marked thus v indicates vegetables

Articles not included in above categories are given in parentheses following the name.

vAcme Canning Co., Midway, Tenn.
mAcme Packing Co., 2226 S La Salle, Chicago, Ill.
vAcme Preserve Co. (Pork & Beans), Adrian, Mich.
vActon Products Co., Acton, Ind.
Adams Bros. & Sellers Co., Alvin, Tex.
Adams A. Jr. (Olives), Sunland, Cal.
vAdamstown Canning & Supply Co., Adamstown, Md.
*Addison Packing Co., Southwest Harbor, Me.
vAdell Canning Co., Adell, Wis.
vAdy S. J., Sharon, Md.
vAgee Canning Co., Baldwin Station, Va.
vAillo Bros. & Co., Highland, N. Y.
fAinsley J. C. Packing Co., Campbell, Cal.
*Ainsworth & Dupp, Seattle, Wash.
vAireys Packing Co., Aireys, Md.
fvAkin W. F., Galena, Mo.
Alabama-Georgia Syrup Co., Montgomery, Ala.
Alart & McGuire Co. (Pickles, Olives & Chili Sauce), 116 Imlay, Brooklyn, N. Y.
*Alaska Packers' Ass'n., Wells Fargo bldg, San Francisco, Cal.
*Alaska Portland Packers' Ass'n., Yeon bldg., Portland, Ore.
Alaska Salmon Co., 112 Market, San Francisco, Cal.
*Alaska Sanitary Packing Co., Seattle, Wash.
vAlbany Canning Co., Albany, Wis.
fvbAlbermarle Products Corp., Charlottsville, Va.
vAlderson Mfrs. F. M., Troutville, Va.
Alexander Molasses Co., 614 W Austin av, Chicago, Ill.
vAlexandria Preserving Co., Alexandria, Ind.
vAliff E. C., Buchanan, Va.
vfAlliance Preserving Co., Ridgely, Md.
fbAllivine Co., Norma, N. J.
fvAlmeda Canning Co., Wellston, O.
Alpine Evaporated Cream Co. (Milk) Gonzales, Cal.
fvAlton Canning Co., Alton, Ind.
*Altoona Packing Co., Altoona, Wash.
vAmboy Products Co. (Hominy), Amboy, Ill.
vAmbrose J. T., Oakland, W. Va.
American Milk Co., 324 W Kinzie, Chicago, Ill.
American Olive Co., 1701 E Adams, Los Angeles, Cal.
*American Packing Co., Everett, Wash.
vAmerican Pickle & Canning Co. (Catsup, Olives, Pickles & Hominy), Wiggins, Miss.
vpbAmerican Syrup & Preserving Co. (Syrup & Molasses), Terminal Trks. & E Union, St. Louis, Mo.
vAmsterdam Canning Co., Amsterdam, Mo.
*Anacortes Fisheries Co., Seattle, Wash.
*Anchor Fish Co., Anacortes, Wash.
vAnderson Bros. Canning Co., Oskaloosa, Ia.
vAndrew C. A., Conowingo, Md.
vAndrew L. J. & Co., Bethlehem, Md.
vAndrews J. B. & Co., Hurlock, Md.
*vfAndrews Wm. P., Crapo, Md.
vAntigo Canning Co., Antigo, Wis.
*Apex Fish Co., Anacortes, Wash.
fAppalachian Apple Orchards, Tallulah Park, Ga.
bfvAppleby Bros., Fayetteville, Ark.
*vApplegarth C. L. Co., ft. of Webster, Baltimore, Md.
vApplegarth W. F., Golden Hill, Md.
vfAppleton Canning Co., Grand Junction, Colo.
vArcadia Canning Wks., Arcadia, Ind.
vArcher C. S., Pylesville, Md.
vArcher J. W. & Son, Wilna, Md.
vArcher John, Magnolia, Md.
vfArkansas Orchard Planting Co., Highland, Ark.
Arkmo Packing Co., Decatur, Ark.
vArlington Canning Ass'n., Arlington, Minn.
mvArmour & Co. (Spaghetti), 208 S La Salle, Chicago, Ill.
*Armstrong J. B. Co., Norfolk, Va.
bfvAssau W. F. Canning Co. (Pork & Beans), Boston cor Streeper, Baltimore, Md.
*Astoria & Puget Sound Canning Co., South Bellingham, Wash.
fvAtkinson P. W., Berkeley Springs, W. Va.
fvAtlanta Canning Co., Atlanta, N. Y.
vAtlantic Canning Co., Atlantic, Ia.
*Atlantic Canning Co., Eastport, Me.
vAtlantic Canning Co., Rehoboth Beach, Del.
*Atwood River Canning Co., Valona, Ga.
fvAuburn Canning Co., Auburn, Nebr.
vAudubon Canning Co., Audubon, Ia.
*bfvAughinbaugh Canning Co. (Hominy), ft. Lawrence, Baltimore, Md.
fmvAusting Canning Co. (Hominy), Austin, Ind.
Aviston Condensed Milk Co., Aviston, Ill.
vfbAyars Clinton B. Canning Co., Bridgeton, N. J.
B. & O. Milk Co., Carlyle, Ill.
vBadger Canning Co., Beaver Dam, Wis.
fvbBagley Canning Co., Talent, Ore.
vBaile C. A. & Co., Medford, Md.
vBailey J. Barnes, Forest Hill, Md.
vBailey J. E., East Hebron, Me.
vBaker C. O., Fincastle, Va.
vBaker C. W. & Sons, Aberdeen, Md.
vBaker G. Harold, Aberdeen, Md.
vBaker Henry & Co., Millsboro, Del.
vBaker J. A., East New Market, Md.
vbBaker W. S., Bridgeton, N. J.
vBaker & Walls, Sudlersville, Md.
fBaldwin H. N., Chestertown, Md.
*fvbBaltimore Canning Co., 117 W. Cross, Baltimore, Md.
vBande Venter & Son, Dundee, Mich.
vfVanAlen Canning Corp. (Pork & Beans), Ogden, Utah
fBanner Fruit Co., Lankershim, Cal.
vBanner Packing Co., Lebanon, O.
fBanning Canning Co., Banning, Cal.
*Barataria Canning Co., Chartres & Mozant, New Orleans, La.
*Barbey H. J., 220 Front, Portland, Ore.
vBarkley A. Canning Co. (Hominy), Carlyle, Ill.
fvBarley W. P., Buchanan, Va.
*Barnes F. C. Co., Worcester bldg., Portland, Ore.
vfbBarnett J. H., Westminster, S. C.
vBarr J. E. Pickling & Preserving Co. (Pickles), St. Cloud, Minn.
pBarrett Fruit Kitchen, Newark, N. J.
bfvBartow Consolidated Canning Co., Manzanola, Colo.
vBarwise N. C. Packing Co., Denver, Colo.
vBass, Smith Co., Litwalton, Va.
fvBatavia Food Products Co., Batavia, N. Y.
vBates C. E. Co. (Chili Sauce), Blanchester, O.
vBates H. G. (Pork & Beans),Blanchester, O.
*Battery Park Fish & Oyster Co., Smithfield, Va.
vBaugh, Batten & Baugh, Clarksville, O.
vBaugh C. L., New Vienna, O.
vBaxter Bros. Co., Brunswick, Me.
*vfBaxter H. C. & Brt., Brunswick, Me.
*Bay City Packing Co., Apalachicola, Fla.
fvBay John W. & Co., Stockley, Del.
vBayless M. F., Aberdeen, Md.
bfvBay Side Canning Co., Alviso, Cal.
fvBeale M. E., Skowhegan, Me.
vBeamer E. R., Eagle Rock, Va.
vBear Creek Canning Co., Stoutland, Mo.
*mBeardsley's J. W. Sons, 690 Frelinghysen, Newark, N. J.
vBeaver Canning Co., Randolph, Wis.
vBechers Robt. L., El Paso, Ill.
vmBeechnut Packing Co. (Peanut Butter), Canajoharie, N. Y.
*Beegle Packing Co., Ketchikan, Alaska
fvBel Air Packing Co., Bel Air, Md.
vBelgium Cannery, Belgium, Wis.
vBelle Plaine Canning Co., Belle Plaine, Ia.
*Bellingham Canning Co., Bellingham, Wash.
*Bennett G. W. & Bro., Inverness, Md.
vBennett I. S., Riverton, Md.
vBennett J. W., Auburn, Me.
vBennett & Carey Bros. Co., Frankford, Del.
vbBerea Canning Co., Berea, Ky.
pBerry-McCray Co. (Apple Butter), Huntington, W. Va.
fbBerryville Canning Co., Berryville, Ark.
*pBest-Clymer Mfg. Co., Virginia & Davis, St. Louis, Mo.
vBethany Canning Co., Bethany, Mo.
fvbBeutel Pickling & Canning Co. (Pickles), Bay City, Mich.
fvBierly Jacob, Springwood, Va.
vBig Four Canning Co., Stanley, Wis.
vBiger Leonard, Kenton, Del.
vBillings Canning Co., Billings, Mo.
*vBiloxi Canning Co. (Peanut Butter), Biloxi, Miss.
vBiser G. W., Berkeley Springs, W. Va.
bpvBishop & Co. (Soups), 1449 E 7th, Los Angeles, Cal.
bvfBlack & Gay, Canneus, Inc., Thomaston, Me.
vBlackiston Canning Co., Clayton, Del.
*Blanchard Mfg. & Canning Co., Eastport, Me.
vBloomington Canning Co. (Hominy), Bloomington, Ill.
*vBlue Diamond Canning Co., Portland, Me.
v*Blundon & Hinton, Reedville, Va.
vBodt W. A., Churchville, Md.
vBois D'Arc Canning Co., Bois D'Arc, Mo.
fvBoise Canning Co., Boise, Idaho
vBoitnott C. C. & Sons, Naffs, Va.
vfBolton F. D., Fincastle, Va.
vBolton H. L., Troutville, Va.
vBoone Dr. G. A., Troutville, Va.
vfbBoonville Canning Co., Boonville, N. C.
*Booth Fisheries Co., Astoria, Ore.
bfvBooth Packing Co., Wolfe & Lancaster, Baltimore, Md.
*Boothbay Packing Co., Boothbay Harbor, Me.
vBoothby & Tucker, Portland, Me.
vBooze G. C., Springwood, Va.
*Boston Food Products Co. (Pork & Beans), 16 New, Boston, Mass.
fvbBounds G. A. & Co., Hebron, Md.
vBonvallets P. A. Sons, Wichert, Ill.
fvBower F. C., Troutville, Va.
vBower Lee & Son, Troutville, Va.
vBower & Carper, Bedford, Va.
fvBowman I., Boone Mill, Va.
*fbvBoyer W. W. & Co., 2327 Boston, Baltimore, Md.
*bfpvBoyle J. & Co. (Hominy), Wolfe & Thames, Baltimore, Md.
vBozman C. W. & Son, Eden, Md.
vBradford W. W., Bel Air, Md.
vBradley Chas. S., Preston, Md.
vBraithwaite J. C., Cross Junction, Va.
vBrakeley A., Bordentown, N. J.
vBrakeley J., Freehold, N. J.
vBramble James A., Joppa, Md.
vBramble T. M. & Co., Cambridge, Md.
fvBrandsville Canning & Preserving Co. (Pickles), Brandsville, Mo.
vBreeding W. R., Federalsburg, Md.
v*Breslauer-Lachicotte & Co. (Pickles), Waverly Mills, S. C.
vBrewbaker J. C., Buchanan, Va.
fvbBridalveil Canning Co., Ronda, N. C.
Bridgeton Condensed Milk Co., Bridgeton, N. J.
vbBrigham City Canning Co., Brigham, Utah
vBrisentine Bros., Prospect, Va.
Bristol Bay Packing Co. (Salmon), 112 Market, San Francisco, Cal.
*Brooks Packing Co., Tillamook, Ore.
vBrooks Tomato Products Co., Collinsville, Ill.
*Brooks William J., Beaufort, S. C.
*Brown E. W. Co., South Portland, Me.
fBrown Fig Co., Beaumont, Tex.
*Brown-Willard Co., Portland, Me.
fvBrubaker S. H. & Co., Boone Mill, Va.
fvBrugh R., Nace, Va.
fvBrunduck W. R. & Bros., Drayden, Md.
vBuckeye Canning Co., Continental, O.
vBuckeystown Packing Co., Buckeystown, Md.
fvBuhrman J. B. & Son, Lick Run, Va.
vBulls Gap Canning Co., Bulls Gap, Tenn.
vBunker Hill Canning Co., Bunker Hill, Ind.
*vBurgin Packing Co., Cincinnati, O.
vBurkettsville Canning Co., Burkettsville, O.
vBurkholder I. C. & Son, Buchanan, Va.
vBurkley Geo. F., Belcamp, Md.
vBurlington Vinegar & Pickle Wks. (Pickles & Olives), Burlington, Ia.

fBurnett Canning Co., Burnett, Ind.
*Burnham E. S. Co., 61 Gansevoort, New York
*bmBurnham & Morrill Co., Portland, Me.
vBurton T. & Son, Millsboro, Del.
vButt Jos A., 111 N B'way, Baltimore, Md.
vButter County Refining Co., Monroe, O.
vButterfield Canning Co., Muncie, Ind.
vByrne J. H., Lowry, Va.
fvCalifornia Canneries Co., 600 Minnesota, San Francisco, Cal.
fpvCalifornia Fruit Canners' Assn, 101 California, San Francisco, Cal.
California Ripe Olive Co., 24 California, San Francisco, Cal.
vCalima Canning Co., 724 S Spring, Los Angeles, Cal.
vCambria Canning Co., Cambria, Wis.
vCambridge Packing Co., Cambridge, Ia.
vCamden Canning Co., Camden, O.
vCamden Packing Co., Camden, N. Y.
Campbell J. Co. (Soups, Pork & Beans), Camden, N. J.
vCampbellsville Canning Co., Campbellsville, Ky.
vCanandaigua Kraut Co., Canandaigua, N. Y.
vCanastota Canning Co., Canastota, N. Y.
vCannon Falls Canning Co., Cannon Falls, Minn.
bfvCannon H. P. & Son, Bridgeville, Del.
vCanton Canning Co. (Olives), Canton, O.
*pvCape Code Specialty Co., North Truro, Mass.
*Carlisle Packing Co., Seattle, Wash.
*fvCarll Bros., Waterboro, Me.
vCarll Canning Co., Augusta, Me.
Carnation Milk Products Co., Seattle, Wash.
fCarpenter J. C. Fig Co., Houston, Tex.
vCarpp S. M., Hartford, Mich.
vCarr M. M., Aberdeen, Md.
vCarroll Bros., Havre De Grace, Md.
vCarroll & Warner, McDaniel, Md.
vCarter B. L., Stone Mountain, Va.
vCarver J. C. & Co., Marumsco, Md.
fvCase Canning Co., Marshfield, Mo.
vCayuga Packing & Mfg. Co., Cayuga, Ind.
vCazenovia Canning Co., Cazenovia, N. Y.
vCedarburg Canning Co., Cedarburg, Wis.
vCedar Falls Canning Co., Cedar Falls, Ia.
vfCedar Glenn Canning Co., Bedford, Va.
vCedar Rapids Canning Co., Cedar Rapids, Ia.
vCenter Point Canning Co., Center Point, Ia.
fvbCentral California Canneries, 1 Drumm, San Francisco, Cal.
vfCentral Lake Canning Co., Central Lake, Mich.
vCentral States Canning Co., Indianapolis, Ind.
vCereal Food Co. (Hominy), Peoria, Ill.
bvChampion Thomas E., Normal, Ill.
vChance's R. C. Sons (Pickles), 122 Pine, Phila., Pa.
vChandlee Ira W., Slab, Pa.
vChandler & Ballard Co., Exmore, Va.
vfCharleston Canning Co., Charleston, Tenn.
vChase H. L., Melfa, Va.
vChatfield Canning Co., Chatfield, Minn.
fvChatham R. J., Eden, Md.
vCherry Creek Canning Co., Cherry, N. Y.
v*Chesapeake Packing Co., Sherwood, Md.
vCheswold Canning Co., Aberdeen, Md.
vChilton Canning Co., Chilton, Wis.
*Chinook Packing Co., Chinook, Wash.
vChippewa Falls Canning Co., Chippewa Falls, Wis.
vChoptank Canning Co., Choptank, Md.
vChrisney Canning Co., Chrisney, Ind.
vCifax Packing Co., Cifax, Va.
vCitizens' Canning Co., Spiceland, Ind.
*Clark-Graham Co., Tacoma, Wash.
*Clark L. D. & Son, Eastport, Me.
vClark W. L. & Co., Vale, Md.
vfpbClark W. N. Co., Rochester, N. Y
fvbClaybrook-Neale Packing Co., Bowlers Wharf, Va.
vClayton Canning Co., Clayton, Del.
vClayton J. M. & Co., Hoopersville, Md.
vCleveland Canning Co., Cleveland, Wis.
vCleveland Pure Food Co., 3520 Princeton av, Chicago, Ill.
fvClift G. W., Marshfield, Mo.
vfClinton Canning Co., Rome, N. Y.
vClyde Kraut Co., Clyde, O.
*Coast Fish Co., Anacortes, Wash.
*Coast Fishing Co., Los Angeles, Cal .
vfbCobb Preserving Co., Fairport, N. Y.
vCodorus Canning Co., Codorus, Pa.
vCohasset Canning Co., Cohasset, Va.
vbCohocton Canning Co., Cohocton, N. Y.
vCokato Canning Co., Cokato, Minn.
vCollins John & Co., American Corners, Md.
vColora Canning Co., Aberdeen, Md.
Colorado Condensed Milk Co., Fort Lupton, Colo.
vColt Dickson Packing Co., Frederick, Md.
vColter A. W. Canning Co., Mount Washington, O.
vColumbia Canning Co., Columbia, Tenn.
vColumbia Conserve Co. (Soups, Apple Butter, Mince Meat & Chili Sauce), Indianapolis, Ind.
fbvColumbia River Canning & Produce Co., St. Helens, Ore.
*Columbia River Packers' Ass'n, Astoria, Ore.
*Columbian Canning Co., Lubec, Me.
vColumbus Canning Co., Columbus, Wis.
Continental Condensed Milk Co., Mill Hall, Pa.
fvCooke-Shanawolf Co. (Hominy), 3909 Bank, Baltimore, Md.
vCool Spring Canning Co., Cool Spring, Del.
vCooper John S., Columbia, Del.
vCoulbourne & Parsons, Marion Station, Md.
vCoulk & McCready, 107 S Frederick, Baltimore, Md.
v*fbCourtney W. J. Co., Mundy Point, Va.
vCover Canning Co., Easton, Md.
vCovey & Dawson, Barber, Md.
vCraft Bros., Springwood, Va.
vCraig Wm. Canning Co., Ogden, Utah
fCramer W. F., Gasport, N. Y.
vCrampton I. E. & Son Canning Co., Celina, O.
vCrary C. S. Co., Streator, Ill.
Cremo Milk Co., Valley Ford, Cal.
vbfCreswell Fruit & Vegetable Growers' Ass'n, Creswell, Ore.
vCronise Bros., Nace, Va.
vCrossroads Canning Co., Berkeley Springs, W. Va.
vCrothersville Canning Co. (Hominy), Seymour, Ind.
fvCrowder B. L., Fincastle, Va.
fvCruikshank Bros. Co. (Olives & Pickles), Island & Preble avs, Pittsburgh, Pa.
fvCrystal Spring Canning Co., Dixon, Mo.
mvCudahy Packing Co., 111 W Monroe, Chicago, Ill.
vCummins Canning Co., Conneaut, O.
fvCurrie Canning Co., Grand Junction, Colo.
vfmpbCurtice Bros. Co. (Soups & Plum Pudding), Rochester, N. Y.
Curtis Corp. (Olives), Long Beach, Cal.
vfDaggett E. P. Canning Co., Coopersville, Mich.
mfvDailey-Udell Co., Brockport, N. Y.
Dalby H. L. (Olives), San Bernardino, Cal.
vDaleville Canning Co., Daleville, Ind.
vDalrymple H. L., Marshfield, Mo.
*vDameron W. A. & Bro., Weems, Va.
vfbDana Canned Goods Co., Belpre, O.
vDaniel Packing Co., Amburg, Va.
vDanville Canning Co., Danville, Ind.
Darlingtons' M. Sons (Milk), Pomeroy, Pa.
fvDarting & McGavren, Glenwood, Ia.
vbDashiell C. M., Princess Anne, Md.
fvDavies Edgar W., Leesburg, N. J.
vfbDavies K. M. Co., Williamson, N. Y.
vfDavis O L., Park Rapids, Minn.
vDavis & Lippincott, Woodstown, N. J.
vfDawson B. E., Berkeley Springs, W. Va
vDay T. L. Swing & Co., Ridgely, Md.
vfDearborn Canning Co., Dearborn, Mo.
vDeal Island Packing Co., Deal Island, Md.
vDevitt Clark Packing Co. (Peanut Butter), Biloxi, Miss.
vDebo Canning Co., Moneta, Va.
vDebo & McLain Canning Co., Goodview, Va.
vDe Graff Canning Co., De Graff, O.
fvDeisher J. S., Fincastle, Va.
Delgado J. Mfg. Co. (Chili Sauce), Dallas, Tex.
vDe Long G. T., Lithia, Va.
fvDemeritt Co., Waterbury, Vt.
Denmark Condensed Milk Co., Denmark, Wis.
fvDenmire L. E., Montrose, Ia.
vDennis J. T., Preston, Md.
vfDerickson Creamery Canning Storage Co., Leslie, Ark.
vDerickson W. L., Bel Air, Md.
Detroit Creamery Co. (Milk), Cass & Grand riv, Detroit, Mich.
fvDevilbliss G. W., Stewartstown, Pa.
vDexter Farming Canning Co., Dexter, Ia.
fvbDiament J. E. Co., Cedarville, N. J.
pDickinson Co., Oswego, Ore.
vDickinson & Co., Eureka, Ill.
fvDi Fiore D. Canning Co., San Jose, Cal.
fvDingley E. S. Co., West Farmington, Me.
*bDirigo Packing Co., Machias, Me.
vDodds Canning Co., Dodds, O.
fvDodgen Canning Co., Gentry, Ark.
vDolby S. W., Jr., Whitehaven, Md.
vDolby W. H., Whitehaven, Md.
vDover Packing Co., Dover, Ky.
vDow Bros. & Horne Co., East Dover, Me.
vDowling Jos., Bel Air, Md.
vDownham John & Son, Wyoming, Del.
vDoyle John T. Co., New Haven, Conn.
vDraper Canneries Co., Salt Lake City, Utah
vDraper Canning Co., Milton, Del.
vDraper G. H., Milford, Del.
bfvDraper & Hirsch, Milford, Del.
vDraper & Slaughter, Denton, Md.
vDrenthe-Hamilton Canning Co., Hamilton, Mich.
fvDuffy L. B., Haymakertown, Va.
vfDugwell Packing Co., Rocky Mount, Va.
fvbDulany J. H., Fruitland, Md.
*fDunbar-Dukate Co., New Orleans, La.
fvDundee Canning & Preserving Co., Dundee, Mich.
vDurant Bros., Clarksdale, Mo.
vDurham & Jacobs, Bel Air, Md.
fvDustan F. W., Clarkston, Wash.
vDutch Canning & Pickling Co., Cedar Grove, Wis.
mvDyer Packing Co. (Pork & Beans), Vincennes, Ind.
fEagle Lake Fruit & Canning Co., Eagle Lake, Tex.
fvEagle Valley Cannery Co., New Bridge, Ore.
vEarly W. C., Munford, Va.
vfEast Pembroke Canning Co., East Pembroke, N. Y.
bfvEast Side Canning Co., 220 N av 19, Los Angeles, Cal.
vfEastman Co., Fryeburg, Me.
vEastman J. N. & Co., Casco, Me.
vEaston Canning Co., Easton, O.
vEaston Packing Co., Easton, Md.
vfEavey Packing Co., Xenia, O.
vEdgar Canning Co. (Pickles), Edgar, Nebr.
vfbEdgett-Burnham Co. (Pork & Beans). Newark, N. Y.
vfbEgypt Canning Co., Fairport, N. Y.
Ehmann Olive Co., Oroville, Cal.
vElba Products Co., Batavia, N. Y.
vEldorado Packing Co., Eldorado, Md.
vElgin Canning Co., Elgin, Ia.
vElgin Packing Co., Elgin, Ill.
fvbElkin Canning Co., Elkin, N. C.
vElliott D. J., Salisbury, Md.
vbEllis Canning Co., Brant, N. Y.
fvEllsworth & Filley (Pickles), Windsor, Conn.
*Elmore Packing Co., Astoria, Ore.
vElnora Packing Co., Elnora, Ind.
vElsey Canning Co., Elsey, Mo.
vElsner G. W., Aberdeen, Md.
vfbElyria Canning Co. (Hominy), Elyria, O.
Emmart Packing Co. (Hominy), 5425 S State, Chicago, Ill.
vEmpire State Canning Co., Rome, N. Y.
vEmpire State Pickling Co. (Pickles), Phelps, N. Y.
vEmpson Packing Co. (Hominy), Longmont, Colo.
vEnglish Canning & Mfg. Co., English, Ind.
vEphraim Sanitary Canning Co., Ephraim, Utah
vEsmeraldo Canning Co., Circleville, O.
bfvEssex Packing Co., Tappahannock, Va.
vEubank Canning Co., Eubank, Ky.
*Eubank Tankard Co., Kilmarnock, Va.
pvEugene Fruit Growers' Ass'n (Pickles), Eugene, Ore.
vEureka Canning Co., Bishopville, Md.
fEvans A. J. Canning Co., Fort Valley, Ga.
vEvans G. W., Aberdeen, Md.
vEvansville Canning Co., Evansville, Wis.
vEveland G. H., Miamiville, O.
*Everett Packing Co., Everett, Wash.
vFairdale Canning Co., Bridgeton, N. J.
vFairmount Packing Co., Fairmount, Md.
vFair Play Canning Co., Fair Play, Mo.
Fairoaks Fruit Co. (Olives), Fairoaks, Cal.
vbFairton Canning Co., Fairton, N. J.
vfFairview Cannery, Lockport, N. Y.
vFairwater Canning Co., Markesan, Wis.
bfvFallas Edwin Canning Co., Lowell, Mich.
vFall Creek Canneries Pendleton, Ind.
vbFallin T. H., Coan, Va.
vFall River Canning Co., Fall River, Wis.
vFaribault Canning Co., Faribault, Minn.
vFarmers' Canning Co., Dunreith, Ind.
vFarmers' Canning Co., Mt. Carmel, Ill.
vFarmers' Canning Co., Red Lion, Pa.
*vFarnsworth Packing Co., Brooklin, Me.

CANNED GOODS—continued

vFayette Canning Co., Fayette, O.
vFayette Canning Co., Washington C. H. O.
fvbFayetteville Canning Co., Fayetteville, Ark.
Federal Packing Co. (Condensed Milk), Enosburg Falls, Vt.
vFeeser A. W. & Co., Silver Run, Md.
bvFelton Packing Co., Felton, Del.
*fvFenderson W. N., Chebeague Island, Me.
vFerguson Henry, Elwood, Ind.
vFernald, Keene & True Co., West Poland, Me.
vpFerndale Canning Co., Ferndale, Wash.
vFerrell M. F. & Son, Haymakertown, Va.
*Fidalgo Island Packing Co., Anacortes, Wash.
vFilice & Perrelli Canning Co., Gilroy, Cal.
vFinley Canning & Mfg. Co., Ozark, Mo.
vFinney Wm. W., Bel Air, Md.
vFirebaugh D. W., Fincastle, Va.
vFirebaugh W. H., Troutville, Va.
vfFisher J. L., Boone Mill, Va.
vFishers Canning Co., Fishers, Ind.
vFizer W. E., Bedford, Va.
bpvfFlaccus E. C. Co. (Olives), Wheeling, W. Va.
bfvFleming & Co., S. W. Cor. Cross & Race, Baltimore, Md.
vFleshman H. P., Troutville, Va.
fvFlickinger J. H. Co., San Jose, Cal.
fvFlint Hollow Canning Co., Seymour, Mo.
vFlippor H. O., Buchanan, Va.
vfFlora G. B. & Sons, Wirtz, Va.
vFlottemesch H., Magnolia, Md.
vFluke P. M., Blue Ridge Springs, Va.
fvFlushing Canning Co., Flushing, Mich.
vFoard S. B., Rocks, Md.
mFoell Supply Co., 331 W 22nd pl, Chicago, Ill.
vFogg & Hires Co., Salem, N. J.
vFoidel S., Knoxville, Ia.
b*fvFoote D. E. A. Co., 2039 Aliceanna, Baltimore, Md.
*Ford A. P. & Co., Crisfield, Md
fvFord Bros., Syracuse, N. Y.
vFord W. B., Van Bibber, Md.
vFordland Canning & Packing Co., Fordland, Mo.
vForest City Canning Co., Forest City, Ia.
fvForest City Canning Co., Forest City, Mo.
pvForest Grove Fruit Growers' Ass'n, Forest Grove, Ore.
*fvForhan H. L., Portland, Me.
vFort Atkinson Canning Co., Fort Atkinson, Wis.
fvbFort Bragg Growers' Assn., Fort Bragg, Cal.
vFortner S. A., Smyrna, Del.
Fort Scott Sorghum Syrup Co. (Honey, Molasses & Syrup), Fort Scott, Kans.
vfpbFort Stanwix Canning Co., Rome, N. Y.
vFortville Canning Co., Fortville, Ind.
f*Foster, Fountain & Co., Biloxi, Miss.
vFoutz C. J. & J. C., Roanoke, Va.
fvFowler Canning & Mfg. Co., Fowler, Colo.
vFox Lake Canning Co., Fox Lake, Wis.
vFralin J. L., Blue Ridge Springs, Va.
mFranco-American Food Co. (Soups & Plum Pudding), Franklin, Jersey City, N. J.
vFrank Pure Food Co., 644 Market, Milwaukee, Wis.
vFranklin & Readhead, Thaxton, Va.
vFranklinville Canning Co., Franklinville, N. Y.
vFranks Canning Co., Franks, Mo.
vFrankton Canning Co., Frankton, Ind.
vFrazier Packing Co., Elwood, Ind.
vFrederick City Packing Co., Frederick, Md.
vFredonia Canning Co., Fredonia, Wis.
fvbFredonia Preserving Co., Fredonia, N. Y.
Frei Pickle Works, E 8th, Portland, Ore.
fvpbFremont Canning Co., Fremont, Mich.
vFremont Kraut Co., Fremont, O.
vFrench James F., Brookston, Ind.
*Frenchmens Bay Packing Co., South Gouldsboro, Me.
fvFriday Bros. Canning Co., Coloma, Mich.
*Friday Harbor Packing Co., Friday Harbor, Wash.
vfFringer C. F., Lithia, Va.
fvFruit Belt Preserving Co., East Williamson, N. Y.
vfbFruit Farm Preserving Co., Cedarville, N. J.
vfFuller Canneries Co., Rockefeller bldg, Cleveland, O.
vFuller E. H., Stanton, Ky.
vfbGarden City Canning Co., Provo, Utah
vGarey & Co., Denton, Md.
*vfbGarner Bros., Lewisetta, Va.
Garner-Blakely Co. (Syrups), Cairo, Ga.
vfpGarrahan Canning Co., Luzerne, Pa.
vfGarst J. B., Roanoke, Va.
vGaston Canning Co., Gaston, Ind.
Gebhardt Chili Powder Co., San Antonio, Tex.
vGedney M. A. Co. (Pickles), Minneapolis, Minn.
pGeneseo Canning Co. (Pickles), Geneseo, N. Y.
vGeneva Canning Co., Geneva, O.
vfbGeneva Preserving Co., Geneva, N. Y.
vfGentz A. G., Lineboro, Md.
*George J. R. & Bro., Irvington, Va.
*George & Barker Salmon Packing Co., Point Roberts, Wash.
Georgia Cane Products Co., Columbus, Ga.
vGhent Canning Co., Ghent, Ky.
vf*bGibbs Preserving Co. (Olives & Hominy), 2301 Boston, Baltimore, Md.
mvGibson Canning Co., Gibson City, Ill.
Gifford C. M. & Son (Olives), San Diego, Cal.
vGilman Canning Co., Gilman, Ia.
vGillaspie J. W., Bedford, Va.
vGillett Chas. A., Auburn Junction, Ind.
vGillett Canning Co., Gillett, Wis.
vGillis & Dashiell, Quantico, Md.
fvGirard Canning Co., North Girard, Pa.
vGirdletree Packing Co., Girdletree, Md.
vGivens G. O., Buchanan, Va.
fvGladys Canning Co., Gladys, Va.
pGlaser Crandell Co. (Olives & Pickles), 2006 S Western av, Chicago, Ill.
vGlasgow Canning Co., Glasgow, Mo.
vGlenn Canning Co., Prospect, Va.
*Globe Canning Co., Eastport, Me.
vGlove Creek Canning Co., Montvale, Va.
Glynn Canning Co. (Mince Meat), Brunswick, Ga.
bfvGodfrey Packing Co. (Pickles), Benton Harbor, Mich.
vmGoetjen & Workman, 906 Webster, San Francisco, Cal.
fGolden Gate Packing Co., San Jose, Cal.
vGolden State Asparagus Co., 16 California, San Francisco, Cal.
fvGolden State Canning Co., Ontario, Cal.
Goodard Packing Co., Ogden, Utah
vfbGoode Canning Co., Henry, Va.
vGoode R. L. & Sons, Buchanan, Va.
pGoodwin Preserving Co. (Mince Meat & Apple Butter), Louisville, Ky.
vGoodwin L. B., Olaf, Va.
vGorrell H. E., Bel Air, Md.
Goshen Milk Condensing Co., Goshen, Ind.
vGosweiler S. O., Bel Air, Md.
vGosweiler W. L., Aberdeen, Md.
vGrafton R. E., Forest Hill, Md.
vGrand River Canning Co., Markesan, Wis.
pvfGrant Canning Co., Grant, Mich.
vGray E. W., Dagsboro, Del.
vGreat Western Canning Co. (Hominy), Delphi, Ind.
fvbGrebb L., Key Highway & Lawrence, Baltimore, Md.
bfvGrecht W. Co., 1330 S. Sharp, Baltimore, Md.
vGreco Canning Co. (Olives), San Jose, Cal.
vGreen Bay Canning Co., Green Bay, Wis.
vGreen Bros., Ball Ground, Ga.
fvGreen Forest Canning Co., Green Forest, Ark.
fvGreen Mountain Packing Co., Portland, Me.
vGreen & Reading, Eden, Md.
vfGreenbaum Bros., Seaford, Del.
fvGreentown Canning, Ice & Mfg. Co., Greentown, Ind.
fvGregory Fruit Co., Colton, Cal.
vbGresham Fruit Growers' Ass'n, Gresham, Ore.
vGriffith W. F. & Bro., Emmerton, Va.
fvbGriffin & Skelley Co., 16 California, San Francisco, Cal.
vGrimes Canning & Preserving Co. (Hominy), Grimes, Ia.
vGrinels M. P., Bushy, Va.
vGrinnell Canning Co., Grinnell, Ia.
Grogan Chas. P. (Olives), 1744 Albion, Los Angeles, Cal.
vGrowers' Canning Co., Council Bluffs, Ia.
*Gulf Packing Co., Biloxi, Miss.
vGunther F. W. Co., Racine, Wis.
vGuttenberg Canning Co., Guttenberg, Ia.
*Gwynn Island Fish & Oyster Co., Grimstead, Va.
vfGypsum Canning Co., Port Clinton, O.
*Haaker W. Co., 182 Franklin, New York
vHackett L. K. & Co., Finchville, Md.
vbHagelskamp Bros. & Haverkamp, Indianapolis, Ind.
fHaiku Fruit & Packing Co., Haiku, Hawaii
*Halfhill Tuna Packing Co., 215 W 6th, Los Angeles, Cal.
vHall & Whittington, Marion Station, Md.
vHalltown Canning Co., Halltown, Mo.
vfHamburg Canning Co., Hamburg, N. Y.
vHamersville Canning Co., Hamersville, O.
vHampton-Kelley Canning Co., Hampton, Ia.
vbHancock Flora L., Salem, N. J.
vHannabass R. L., Goodview, Va.
vHanson & Lantz, Edgewood, Md.
Harbauer Co. (Pickles & Catsup), Toledo, O.
Hardaway-Cargill Co. (Syrups), Columbus, Ga.
vHardcastle Mrs. K. N. Co. (Plum Pudding & Pickles), Denton, Md.
fvHarrington B. E., Taylors Island, Md.
vHarrington Canning Co., Harrington, Del.
vHarris J. P., Preston, Md.
*Harris P. E. & Co., Seattle, Wash.
vHarrison D. L., Broscus, W. Va.
vHarshfield Fred., Shepherdsville, Ky.
vHartford Canning Co., Hartford, Wis.
bvHartlove Packing Co. (Hominy), 14 N Schroeder, Baltimore, Md.
vHarum David Canning Co., Homer, N. Y.
vHarward C. F., Halls, Tenn.
vfpbHaserot Francis H. Co., Huron rd, S E, Cleveland, O.
vHastings Canning Co. (Hominy), Hastings, Nebr.
bfvHastings Packing Co., Laurel, Del.
vHaviland L. P., Camden, N. Y.
vHawaii Preserving Co., Ltd., Honolulu, Hawaii
vHawaiian Islands Packing Co., Ltd., Wahiawa, Hawaii
fHawaiian Pineapple Co., Honolulu, Hawaii
Hawkeye Condensed Milk Co., Brighton, Ia.
vHawksbill Cannery, Luray, Va.
vHazel Hill Canning Co., Fredericksburg, Va.
vfHayes F. H., Dexter, Me.
vHayner J. M. & Co., South Lebanon, O.
vHeck A. B., Buchanan, Va.
Heinz H. J. Co. (Pickles & Catsup), 1062 Main N S, Pittsburgh, Pa.
Helvetia Milk Condensing Co., Highland, Ill.
fbvHemet Canning Co., Hemet, Cal.
vfbHemingway H. C. & Co., Syracuse, N. Y.
vHenderson Canning Co., Aberdeen, Md.
fvHenning Wm. Co. (Pickles), 1260 W Division, Chicago, Ill.
vHenry Bros., Poage's Mill, Va.
vHerfort F. Canning Co., Baraboo, Wis.
*fHerman M. S. & Bros., Savannah, Ga.
fvHershey P. H., Spring Grove, Pa.
vHeuer William W., Bel Air, Md.
Heyl Bros. Co. (Molasses & Syrups), 101 S. Front, Phila., Pa.
vHickman Robt. E., Wesley, Md.
vHickmott R. Canning Co., 320 California, San Francisco, Cal.
vHighland Cherry Farm Co., Clyde, O.
Highland Milk Condensing Co., Elkland, Pa.
fvbHighland Orchards Co., Highland, N. Y.
fvHighrock Canning Co., Highrock, Pa.
vHignutt O. M., Denton, Md.
vHild Canning Co., Pierre, S. D.
fvHill Crest Canning Co., Afton, Va.
Hillsboro Condensed Milk Co., Hillsboro, Wis.
*Hillside Canning Co., Port Townsend, Wash.
pHilltop Pure Food Co. Ltd. (Honey), Pittsburgh, Pa.
vHilton J. C., Nace, Va.
vHilton J. D., Fincastle, Va.
vHiram Co-operative Canning Ass'n, Hiram, Me.
Hires Condensed Milk Co., 913 Arch, Phila., Pa.
vHirsch Bros. Co. (Pickles, Olives & Catsup), 105 Ferry, Pittsburgh, Pa.
Hirsch Bros. & Co. (Pickles), Louisville, Ky.
fvHirsch D. & Bro., Milford, Del.
fvHitchock L., Eagle Harbor, N. Y.
vfHobbs Mfg. Co., Denton, Md.
vHockman J. P., Shenandoah, Va.
*Hoegg D. W. Co., Portland, Me.
vHoffecker Bros. & Hall Co., Smyrna, Del.
vHoffecker J. H. Canning Co., Smyrna, Del.
vHoffman Edward, Denton, Md.
vfHoffman J. T. & Son, Fincastle, Va.
vHohenadel P. Jr. Canning Co. (Pickles), Rochelle, Ill.
vHohenadel P. Jr. Co., Janesville, Wis.

vHohenadel P. Jr. Packing Co., Rockford, Ill.
vHohenadel P. Jr. & Co., Byron, Ill.
fpvHolland-American Fruit Products Co., Fort Smith, Ark.
bfvHolland Canning Co., Holland, Mich.
Holly Condensed Milk Co., Amity, Ore.
vHolmen Canning Co., Holmen, Wis.
*Holmes Co., Robbinston, Me.
*Holmes E. A. Packing Co., Eastport, Me.
*Holmes M. C. Canning Co., Eastport, Me.
vHolsinger Paul & Son, Downs, Md.
vHome Canning Co., Kempton, Ind.
fvHome Canning Co., Blissfield, Mich.
fvHoney Creek Canning Co., Aurora, Mo.
vHood Canning Wks., Portland, Ind.
fHooke Geo. H., 203 California, San Francisco, Cal.
vHooley I. A., Topeka, Ind.
*Hoonah Packing Co., Port Townsend, Wash.
vHooper Canning Co., Ogden, Utah
vHoopeston Canning Co., Hoopeston, Ill.
vHope Canning Co., Hope, Ind.
vHopewell Valley Canning Co., Hopewell, N. J.
vHopkins Jonathan L., Vernon, Del.
*Hoquiam Packing Co., Hoquiam, Wash.
fvHoughland Bros. Canning Co. (Hominy), Underwood, Ind.
fHouser W. L. Canning Co., Fort Valley, Ga.
vHousman C. S., Troutville, Pa.
mHouston Packing Co., Houston, Tex.
vHubbard F. F., Canastota, N. Y.
vHubbard James Co., Ottoman, Va.
vHubbard O. W., East New Market, Md.
vHubbard W. J., Teagues, Mo.
vHuddleston Canning Co., Thaxton, Va.
fvHudson C. F. & Son, Rocky Mount, Va.
fvbHudson & Co., Holley, N. Y.
pHuffman W. D. Co. (Pickles & Olives), W St. Clair & Big Four, Indianapolis, Ind.
vHufford & Harding, South Lebanon, O.
vHumbert C. S., Troutville, Va.
pvHumbert & Andrews, 646 Dean, Brooklyn, N. Y.
*fvHume G. W. Co., 112 Market, San Francisco, Cal.
fvHunt Bros. Co., San Francisco, Cal.
*Hunt Packing Co., Beaufort, S. C.
fvbHurley J. W., Urbanna, Va.
vHurlock C. S., Massey, Md.
vHuron Canning Co., Port Austin, Mich.
vHurt R. D., Salem, Va.
vHustisford Canning Co., Hustisford, Wis.
vHyacinth Packing Co., Hyacinth, Va.
fHyde Geo. E. & Co., Campbell, Cal.
fHymera Canning Co., Hymera, Ind.
vfIberia Canning Co., Iberia, Mo.
vIda Canning Co., Ida, Mich.
fIdaho Canning Co., Payette, Idaho
fvIkenberry Bros., Daleville, Va.
fvIkenbury H. C. & Co., Cloverdale, Va.
vIllinois Canning Co., Hoopeston, Ill.
Illinois Condensed Milk Co., White Hall, Ill.
vImperial Canning Co., Parkersburg, W. Va.
vIndependence Canning Corp., Independence, Ia.
vInderrieden Canning Co., 336 River, Chicago, Ill.
fvIndiana Canning Co., Evansville, Ind.
Indiana Condensed Milk Co., Sheridan, Ind.
fvIngersoll J. H. & Co., Exeter, N. H.
vInsley G. C., Lakesville, Md.
vInsley & Mitchell, Salisbury, Md.
vIowa Canning Co., Vinton, Ia.
vIowa City Canning Co., Iowa City, Ia.
vIowa Valley Canning Co., Marengo, Ia.
vIron Ridge Canning Co., Iron Ridge, Wis.
vIroquois Canning Co., Onarga, Ill.
*Irving Canning Co., La Conner, Wash.
*Irvington Packing Co., Irvington, Va.
pvJackson C. W. & Sons (Peanut Butter), 37127 E 10th, Indianapolis, Ind.
vJackson J. A., Goldsboro, Md.
fvJames J. T., Roanoke, Va.
vJamestown Canning Co., Jamestown, Ind.
vbJarboe E. R. Canning Co., Mechanicsville, Md.
vJarrell R. & Son, Marydel, Md.
vJarrell R. & Sons, Goldsboro, Md.
vJeffersonville Canning Co. (Hominy), Jeffersonville, Ind.
Jelke John F. Co. (Milk), 759 S Washtenaw av, Chicago, Ill.
vJersey Albert, Belcamp, Md.
fvJewett G. S. & F. E., Norridgewock, Me.
vJohannes H. J. Pickling Co., Clintonville, Wis.
vJohnson Grafton, Greenwood, Ind.
vJohnson & Dryden, Pocomoke City, Md.
vJones E. T., Pittsville, Md.
*Joullian E. C. Packing Co., Lake Shore, Miss.
vJourdan C. R. & Son, Darlington, Md.
vJump G. L., Queen Anne, Md.
fvJustis & Butler Canning Co., Richmond, Va.
fvKale Canning Co., Everson, Wash.
Kalmath River Packers Assn., Requa, Cal.
*fbKane H. S., Brooklyn, Me.
vKarnes Bros., Buchanan, Va.
vKauai Fruit & Land Co., Lawai, Hawaii
vKauffmann F. A. Mfg. Co., 106 S 2d, St. Louis, Mo.
vfKaysville Canning Corp., Kaysville, Utah
vKeene-Belvidere Canning Co. (Pickles), Belvidere, Ill.
vKeene Canning Co., Freeport, Ill.
fvKeene R. A. & Son, Poland, Me.
vKelley Canning Co., Waverly, Ia.
fvKelty S. L., Quinton, N. J.
*Kendall & Little, Copalis, Wash.
*Kennedy-Lopez Oyster & Fish Co., Biloxi, Miss.
vKennard Canning Co., Kennard, Ind.
vKennedy & Pegelow, Williamsburg, Md.
mKennel Food Supply Co., Fairfield, Conn.
vKenyon Canning Co., Kenyon, Minn.
vKeokuk Canning Co. (Pickles), Keokuk, Ia.
vKesler P. W. & Co., Roanoke, Va.
vfKessler F. M. & Son, Buchanan, Va.
vKessler P. & Son, Butler, Md.
vKetterman Packing Co. (Hominy & Pickles), Urbana, Ia.
vKey City Packing Co., Port Townsend, Wash.
vKeyser Canning Co., Keyser, W. Va.
Kidd Mrs. E. G., Inc. (Pickles), Richmond, Va.
vKimble G. A. & Bro., Abington, Md.
fvKing W. P. & Son, Peach Bottom, Pa.
mKingan & Co. Ltd., W Maryland & Blackford, Indianapolis, Ind.
fKings County Packing Co., Armona, Cal.
fvKinzie T. D., Troutville, Va.
vKirby Canning Co., Trappe, Md.
vKirby & Gallop, Oxford, Md.
vKirwan J. E. Co., Atlantic Wharf, Baltimore, Md.
vKlause Canning & Packing Co., Columbus, Nebr.
vKlindt, Geiger Canning Co., Cassville, Wis.
vKnight Packing Co. (Pickles & Olives), 474 E. Alder, Portland, Ore.
vKnightstown Conserve Co., Knightstown, Ind.
vKnobview Canning Co., Knobview, Mo.
vKnotts R. W., Great Mills, Md.
vfKnowles-Lombard Co., Guilford, Conn.
vfKopf Bros. Co., New Haven, Conn.
vKrier Preserving Co., Belgium, Wis.
fvbKriete J. E., Dunsville, Va.
vKroh C. Irving, Silver Run, Md.
Kubias J. C. (Olives), Redlands, Cal.
vKunder Pickle Co. (Pickles & Olives), Denver, Colo.
vKurtz A. E., Forest Hill, Md.
*Kurtz W. W., Moclips, Wash.
vKusske H. P., Mayer, Minn.
*Kyle W. & Sons Co., Florence, Ore.
vfLackland L. C. & Sons, Lithia, Va.
vLa Crescent Canning Co., La Crescent, Minn.
vLadoga Canning Co., Ladoga, Ind.
vLake County Canning Co., Ukiah, Cal.
fvLake Lily Canning Co., Mountain Grove, Mo.
vLake Mills Canning Co., Lake Mills, Ia.
Lake Odessa Milk Co., Lake Odessa, Mich.
vLake Shore Canning Co., Sheboygan, Wis.
vLanark Canning Co., Lanark, Ill.
vLanesboro Canning Co. (Pork & Beans), Lanesboro, Minn.
fvLang Canning & Preserving Co., Beatrice, Nebr.
vLange Canning Co., Eau Claire, Wis.
*bfvLangrall J. & Bro., 2105 Aliceanna, Baltimore, Md.
vfbLaning Geo. D., Bridgeton, N. J.
fvbLaning W. & Son Co., Bridgeton, N. J.
vfLansdale Pure Food Co. (Catsup), 1229 Germantown av, Phila., Pa.
vLansdowne, J. T., Stone Mountain, Va.
vLapel Canning Co., Lapel, Ind.
vLa Porte Canning Co., La Porte, Ind.
Larimer County Co-operative Milk Condensing Co., Loveland, Colo.
vLarsen Wm. Canning Co., Green Bay, Wis.
vLatane & Watson, Murford, Va.
*Latimer & Lawrence Packing Co., Biloxi, Miss.
bfvLaurel Canning Co., Laurel, Del.
*Lawler Allen J., Southwest Harbor, Me.
*Lawrence Canning Co., Rockland, Me.
*vLawry E. H., Lawry, Me.
vLawson & Segar, Locklies, Va.
vfLayman Bros. Co., Daleville, Va.
fvLayman C. A., Troutville, Va.
fvLayman C. E., Troutville, Va.
vfLayman C. T., Roanoke, Va.
fvLayman J. W. & Son, Troutville, Va.
vLayman M., Roanoke, Va.
fvLayman Wm. M., Roanoke, Va.
vLeasburg Canning Co., Leasburg, Mo.
vLednum J. F., Preston, Md.
vLudnum R. I. & Co., Pocomoke City, Md.
fvLee Canning Co., Hamilton, N. Y.
vLee Chester A., Easton, Md.
vLee R. C., Bedford, Va.
vLee & Hurley, Jerusalem, Md.
vLeeds Packing Co., Easton, Md.
vLeesburg Canning Co., Leesburg, O.
vLehi Canning Co., Lehi, Utah
vLeisure Packing Co., Elwood, Ind.
fLeland Fruit & Packing Co., Leland, Wash.
vLe Roy Canning Co., Le Roy, N. Y.
vLewes Packing Co., Lewes, Del.
vf*bLewis Canning Co., Westport, Cal.
fvLewis County Canning Ass'n, Chehalis, Wash.
vLewis F. C., Hopkins, Va.
vLewisville Canning Co., Lewisville, Ind.
bfmpLibby-McNeill & Libby (Pickles & Olives), 300 W S Water, Chicago, Ill.
vLiberty Brand Canning Co., Dover, Del.
vLiddell G. J., Liberty Grove, Md.
*Lighthiser C. H., 602 William, Baltimore, Md.
*Lighthouse Canning & Packing Co., Cordova, Alaska
vfbLindale Canning Co., Lindale, Tex.
vf*Ling Packing Co., Newburyport, Mass.
vLingo R. D. & Co., Daysboro, Del.
fvLinn-Benton Co-operative Growers' Ass'n, Albany, Ore.
vLipes S. H., Springwood, Va.
pLippincott Co. (Olives & Chili Sauce), 42 Main, Cincinnati, O.
vLippincott Mrs. J. W., Salem, N. J.
vLloyd & Moore Canning Co., Blades, Del.
vLloyds Packing Co., Lloyds, Md.
vfbLockport Canning Co., Lockport, N. Y.
*vbLoggie A. & R., Columbia Falls, Me.
Loma Ranch Co. (Olives), Fall Brook, Cal.
*Long Beach Tuna Packing Co., Long Beach, Cal.
vLong Bros., Westover, Md.
fvLang Cider & Canning Co., Brownville, Nebr.
pLong Fruit Products Co., Lewis bldg, Portland, Ore.
cLongaker H. G. & Co., Federalsburg, Md.
*pvLopez-Desporte Packing Co., Biloxi, Miss.
Los Angeles Olive Growers' Ass'n, Higgins bldg, Los Angeles, Cal.
*Los Angeles Tuna Canning Co., Long Beach, Cal.
Loudon Packing Co. (Soups & Chili Sauce), Terre Haute, Ind.
*fvLowden G. W., Savannah, Ga.
vLowe H. W. (Hominy), Florence, Nebr.
vbLowekamp Bros., Jessups, Md.
vLowell Canning Co., Lowell, Wis.
*Lower California Fisheries Co., San Diego, Cal.
vLoyd H. C., Goodview, Va.
*Lubec Sardine Co., Lubec, Me.
vLucas W. L. & Son, Troutville, Va.
bfvLudington J. & Co., 2211 Boston, Baltimore, Md.
vLugar C. W., Troutville, Va.
*Lummi Bay Packing Co., Green Bay, Wis.
vfLuray Canning Co., Luray, Va.
fvLuttrell & Unger, Unger's Store, W. Va.
vLutz Isadore, Bloomington, Ill.
vpLutz & Schramm Co. (Olives & Pickles), 1412 River av, N S, Pittsburgh, Pa.
McBrayer Canning Co., McBrayer, Ky.
vMcClaugherty J. K., Springwood, Va.
*McClellanville Canning Co., McClellanville, S. C.
vMcComas G. W. & Co., Monrovia, Md.
vMcComas Geo. W. & Sons, Singer, Md.
vMcCoy Canning Co., Urbana, O.
vMcCready & Webster, Chance, Md.
vMcCullough H. M., Buchanan, Va.
*McDonald Packing Co., Eastport, Me.
*McFerran J. W., Fincastle, Va.
*McGowan P. J. & Sons, McGowan, Wash.
*bfvMcGrath H. J. Co., Atlantic Wharf, Baltimore, Md.
pvMcIlhenny Co. (Olives), Avery Island, La.
fvbMcLaughlin Canning Co., Sunnyside, Wash.

CANNED GOODS—continued

vMcMurray Louis Pkg. Co., Pontiac, Ill.
McNally Ranch (Olives), La Mirada, Cal.
vMcWain Canning & Packing Co., East Waterford, Me.
*Machias Canning Co., Machias, Me.
*Machiasport Packing Co., Machiasport, Me.
*MacNichol Packing Co., Eastport, Me.
fvMagill J. R. Bellingham, Wash.
vMagness R. L. & Co., Emmorton, Md.
vMahon M. J. & C. M., Ellendale, Del.
fpbMalcolm J. B. & Co., Marion, N. Y.
vMangas C. B. & S. D., Vesuvius, Va.
Mansfield Fred C. Co. (Condensed Milk), Johnson Creek, Wis.
*Mansfield Packing Co., Jonesport, Me.
vMantapike Canning Co., Mantapike, Va.
vManteca Canning Co., Manteca, Cal.
fvMantik Packing Co. (Hominy), 249 S 7th, Baltimore, Md.
fvMarble W. A. & Co., West Farmington, Me.
bvMarengo Canning Co., Marengo, Ind.
vMarkesan Canning Co., Markesan, Wis.
vMarkham F. J., Mumford, Va.
vMarkham G. J., Lowry, Va.
fvMarkham L. R., Lithia, Va.
vMarkland Canning Co., Markland, Ind.
fvMarionville Canning Co., Marionville, Mo.
vfMarr Canning Co., Gravette, Ark.
vMarshall Canning Co., Marshalltown, Ia.
vMarshall J. L. & J. O., Overbrook, Del.
vMarshall L. D., Thaxton, Va.
vfMarshfield Canning Co., Marshfield, Mo.
vMason Canning Co., 3d & Walnut, Cincinnati, O
fvbMason County Fruit Growers' Ass'n, Shelton, Wash.
vMaud Canning Co., Maud, O.
fMaui Pineapple Co., Pauwela, Hawaii
*Mawhinney & Ramsdell, Lubec, Me.
vbMay H. & Co., Egg Harbor City, N. J.
*bMayo A. H., Naskeag, Me.
vMayville Canning Co., Mayville, Wis.
Maywood Packing Co. (Olives), Corning, Cal.
Meadowbrook Condensed Milk Co., Issawuah, Wash.
vMedora Canning Co., Medora, Ind.
*Megler J. G. & Co., Brookfield, Wash.
fvMendoza Frank & Son, Dighton, Mass.
Mercurio Bros. Spaghetti Mfg. Co., 829 N 8th, St. Louis, Mo.
vMerrell Canning Co., Harlan, Ia.
vMerrell-Soule Syracuse, N. Y.
vMerritt R. B. & Son, Warwick, Md.
vMessenger H. B., Federalsburg, Md.
vfMessenger R. W. & Co., Federalsburg, Md.
vMessenger & Nichols, Williamsburg, Md.
vMessick J. B. & Co., Bethel, Del.
vMessick P S, Hurlock, Md.
vMessick R. M. & Son, Bethlehem, Md.
vMessick W. F. & Bro., Salisbury, Md.
vMeta Canning Co., Meta, Mo.
vMiami Canning Co., Lebanon, O.
vMichael John R. M., Aberdeen, Md.
vMichael W. O., Fountain Green, Md.
vpbMichigan Refining & Preserving Co. (Pickles), Menominee, Mich.
*Midnight Sun Packing Co., Seattle, Wash.
pfvMikesell & Co., Traverse City, Mich.
*Milden Packing Co., Sharps, Va.
vMilford Canning Co., Milford, Ill.
vbMillbourne L. M., Kingston, Md.
*Millbridge Packing Co., Millbridge, Me.
bfvMiller Bros. & Co. (Hominy), 901 S Wolfe, Baltimore, Md.
vfMiller D. H. & Co., Moneta, Va.
vMiller E. M., Fincastle, Va.
Miller M. H. (Hominy), Pleasantville, O.
vMiller Thomas D., Havre De Grace, Md.
vMillers & Ritzell, Westover, Md.
vMill Shoals Canning Co., Mill Shoals, Ill.
vMilwaukee River Canning Co., Thiensville, Wis.
vMimbres Valley Growers' & Canners' Ass'n, Hondale, N. Mex.
vMinnesota Valley Canning Co., Le Sueur, Minn.
vMinnetonka Canning Co., St. Bonifacius, Minn.
vMinot Packing Co., Mechanic Falls, Me.
vMissing Link Apple Co., Clayton, Ill.
Missouri Condensed Milk Co., Kahoka, Mo.
v*Mitchell F. O. & Bro., Perryman, Md.
vMitchell J. S. & Bro., Aberdeen, Md.
vMitchell R. F. & G. H., Aberdeen, Md.
vMitchell M., Aberdeen, Md.
vMitchell Ralph M., Aberdeen, Md.
fvMoab Canning Co., Moab, Utah
cMobridge Canning Co., Mobridge, S. D.
Mohawk Condensed Milk Co., 71 Hudson, New York
vMolino Canning Co., Molino, Fla.
vMondovi Co-operative Canning Co., Mondovi, Wis.
fvMonmouth Canning Co., Portland, Me.
vMonocacy Valley Canning Co., Frederick, Md.
vMonroe Canning & Packing Co., Monroe, Mich.
vfbMonroe County Canning Co., Brockport, N. Y.
vfMontclair Jam Kitchens (Olives & Pickles), Montclair, N. J.
*Monterey Packing Co., 110 Market, San Francisco, Cal.
vMontgomery S. P., Buchanan, Va.
vMontgomery & Flora, Wirtz, Va.
vMontpelier Canning Co., Montpelier, O.
vMonticello Canning Co., Monticello, Ia.
fvMonticello Preserving Co., Monticello, Minn
Montvale Canning Co., Montvale, Va.
fvMoomaw G. A., Troutville, Va.
Moomaw J. C. Co., Cloversdale, Va.
vfbMoore & Brady Co., Key Highway & Boyle), Baltimore, Md.
vMorgan Canning Co., Morgan, Utah
vMorgantown Packing Co (Hominy, Pork & Beans), Morgantown, Ind.
vMorlock F., Abington, Md.
mvMorrell J. & Co. (Soups), Ottumwa, Ia.
fvMorris Canning Co., Lambertville, N. J.
mMorris & Co. (Milk), 38 S Dearborn, Chicago, Ill.
vMorrison Charles H., Aurora, Mo.
vMorrow Packing Co., Morrow, O.
vfbMorsani Canning Co., Tontitown, Ark.
*Morse Canning Co., Mora, Wash.
vfbMorton Canning Co., Morton, N. Y.
fvMoulton W. A., Phoenix, N. Y.
vMount Calvary Canning Co., Mount Calvary, Wis.
fvbMount Morris Canning Co., Mount Morris, N. Y.
vMount Pleasant Canning Co., Mount Pleasant, Ia.
Mt. Vernon Cream Co. (Milk), Seattle, Wash.
vMullen - Blackledge - Nellis Co. (Chili Sauce), Brazil, Ind.
vMuller Bros. (Pickles & Catsup), Oakland, Cal.
vMumford Packing Co., Showell, Md.
Munson Bros. (Olives), Phoenix, Ariz.
vMurphy C. & Sons, Rocks, Md.
fvMurray G. M. Sons Canning Co., Odenton, Md.
vMurray & Patterson, Hollins, Va.
fMusselman Canning Co., Biglersville, Pa.
bvfMyer T. J. & Co., 1237 S Sharp, Baltimore, Md.
*Myers G. T. & Co., Seattle, Wash.
vMyers W. H. & Co., Bryansville, Pa.
vNable R. F. & Co., Cannon, Del.
fvNaff & Flora, Boone Mill, Va.
*Nahcotta Canning Co., South Bend, Wash.
*Naknek Packing Co., San Francisco, Cal.
vNaomi Canning Co. (Hominy), Edinburg, Ind.
fvbNational Canning Co., Olympia, Wash.
National Pickle & Canning Co., Blue Island, Ill.
vNauvoo Canning Co., Nauvoo, Ill.
vNeenah Packing Co., Neenah, Va.
vNeillsville Canning Co., Neillsville, Wis.
fvNelson Canning Co., Galena, Mo.
vNelson J. L. & Co., Hebron, Md.
vNeosho Canning Co., Neosho, Mo.
*Neptune Packing Co., 148 State, Boston, Mass.
fvNester P. H., Thaxton, Va.
Nestles Food Co. (Prepared Food), 136 William, New York
vfbNevada County Cannery Ass'n, Grass Valley, Cal.
*New England Canning Co., Eastport, Me.
fvbNew Era Canning Co., New Era, Mich.
vNew Hartford Canning Co., Ltd., New Hartford, N. Y.
vNew Holstein Canning Co., New Holstein, Wis.
vNew Lisbon Canning Co., New Lisbon, Ind.
vNew Stone Canning Co., Fordland, Mo.
vNewton Canning Co., Newton, Miss.
vNewtonsville Canning Co., Newtonsville, O.
cNixa Canning Co., Nixa, Mo.
vNoble A., Preston, Md.
vNobel County Canning Co., Lisbon, Ind.
fvNoell J. A., Bedford, Va.
vfNofsinger M. P., Fincastle, Va.
Nomini Packing & Mfg. Co., Montrose, Va.
vNominy Grove Canning Co., Nominy Grove, Va.
vfNorfolk Packing Co. (Pork & Beans), Norfolk, Nebr.
vNorris J. T., Van Bibber, Md.
*North Alaska Salmon Co., 110 Market, San Francisco, Cal.
*North American Tuna Canning Co., Terminal, Cal.
*North Lubec Mfg. & Canning Co., North Lubec, Me.
vNorth Ogden Canning Co., North Ogden, Utah.
*North Pacific Trading & Packing Co., Hobart bldg, San Francisco, Cal.
fvbNortheast Preserving Wks., North East, Pa.
vNorthern Maine Packing Co., Corinna, Me.
vfNorthwest Canning Co. (Pickles), Vashon, Wash.
vNoyes F. F., Augusta, Me.
fvbNuera Canning Co., North Wilkesboro, N. C.
bvfpNumsen Wm. & Sons, 18 Light, Baltimore, Md.
vNuttle H. T. & H. H., Hobbs, Md.
vOak Grove Canning Co., Oak Grove, Va.
fOakton Canning Co., Oakton, Ky.
Oatman Condensed Milk Co., Dundee, Ill.
vfObenshain E. P., Nace, Va.
vfObenshain J. B. & Sons, Montvale, Va.
*Ocean Food Packing Co., Everett, Wash.
vOcean Shore Canning Co., 112 Market, San Francisco, Cal.
*Ocean Springs Packing Co., Ocean Springs, Miss.
fvbOceana Canning Co., Shelby, Mich.
vOdessa Canning Co., Oak Grove, Mo.
*Oemler Oyster Canneries, Savannah, Ga.
vfbOgburn Canning Co. (Hominy), Dallas, Tex.
Ohio Dairy Co. (Milk), Toledo, O.
vOhio Valley Canning Co., Charlestown, Ind.
vOld Dominion Packing Co., Buchanan, Va.
vfOld Homestead Cannery Co., Fork Union, Va.
vOliver W. E., Bynum, Md.
vOlivia Canning, Preserving & Mfg. Co., Olivia, Minn.
vfbOlney B. Canning Co. (Pork & Beans), Oneida, N. Y.
vOlney & Floyd, Westernville, N. Y.
vOmaha Canning Co., Omaha, Ill
vOnohundro T. E., Farmers Fork, Va.
vOnalaska Pickle & Canning Co. (Olives), Onalaska, Wis.
vfpbOneida Community Ltd. (Pickles), Oneida, N. Y.
vOneida County Canning Co., Ltd., Verona, N. Y.
vOostburg Canning Co., Oostburg, Wis.
vfOregon Canning Co., Oregon, Mo.
*Oregon Fisheries Co., Bay City, Ore.
fvOregon Packing Co., 460 Belmont, Portland, Ore.
vfOrleans County Canning Co., Barre Center, N. Y.
fOrrtanna Canning Co., Orrtanna, Pa.
vOrtega E. C. (Catsup & Chili Sauce), 602 Santa Fe av, Los Angeles, Cal.
vOsborn H. A., Havre De Grace, Md.
fvbOsborn W. H. Co., Honeoye Falls, N. Y.
vfOsborn & Whitney, Rush, N. Y.
vfOswego Preserving Co., Oswego, N. Y.
vOtisco Canning Co., Otisco, Ind.
fvOtoe Food Products Co. ("Otoe," "Pioneer," "Aborall," "Luxury" & "Shepard" Brands), Nebraska City, Nebr.
vOwatonna Canning Co., Owatonna, Minn.
vOwen Canning Co., Owen, Wis.
vOwens A. H. & Bro., Perryville, Md.
fvOwensboro Canning Co., Owensboro, Ky.
vfOwosso Canning Co., Owosso, Mich.
vOxenham W. P. & Bro., Kirkham, Md.
*Pacific-American Fisheries, South Bellingham, Wash.
Pacific Coast Condensed Milk Co., Berlin, Wis.
bfvPacific Coast Canning Co., Oakland, Cal.
pmPacific Coast Syrup Co. (Honey), San Francisco, Cal.
Pacific Creamery Co. (Milk), Tempe, Ariz.
*Pacific Fish Co., 112 Market, San Francisco, Cal.
*Pacific Fisheries & Packing Co., Aberdeen, Wash.
vPacific Pea Packing Co., Eau Claire, Wis.
*Pacific Tuna Canning Co., San Diego, Cal.
vPacific Vinegar & Pickle Wks., 110 Market, San Francisco, Cal.
Page Milk Co., Ubly, Mich.
Page Thos. (Catsup), Albion, N. Y.
vParker W. B., Denton, Md.

vParks & Bros., Kinsale, Va.
vParkston Canning Co., Parkston, S. D.
vfPasadena Canning Co., Pasadena, Cal.
vPatchett J. P., Federalsburg, Md.
vPaxton Canning Co., Paxton, Ill.
vPayne Mfg. & Canning Co., Payne, O.
fPearl City Fruit Co., Honolulu, Hawaii
vbPearson A. E. & Son, Lottsburg, Va.
fvPeck C. L. & Son, Fincastle, Va.
fvPecke & Pratt, Hilton, N. Y.
fvPecos Valley Farm Products Co., Dayton, N. Mex.
pvPe-Co-To Packing Co., Indianapolis, Ind.
vPekin Canning Co., Salem, Ind.
*Pelican Lake Oyster & Packing Co., Ltd., Houma, La.
vPella Canning Co., Pella, Ia.
Penick & Ford, Ltd. (Molasses & Syrups), New Orleans, La.
vPennington Canning Co., Pennington, N. J.
vfpbPerry O. H. & Son, Manlius, N. Y.
Perry Packing Co. (Condensed Milk), Perry, Ia.
vPeru Canning Co., Peru, Ind.
fvPeru Canning & Mfg. Co., Peru, Nebr.
*Petersburg Packing Co., Seattle, Wash.
vPetersburg Sanitary Canning Co., Petersburg, Ind.
bfpvPharr King (Honey), Catherine, Ala.
vPhelps H., North Bay, N. Y.
vfPhiladelphia Pickling Co. (Pickles & Honey), 262 S 2d, Phila., Pa.
vPhillips J. H. Sons, Berkeley Springs, W. Va.
vfPhillips Packing Co., Cambridge, Md.
vPhillips, Waller Co., Salisbury, Md.
vPhillips & Douglass, Preston, Md.
Pickarts Vinegar & Pickle Co. (Sauerkraut & Pickles), Leavenworth, Kans.
v*Pickert L. Fish Co., 16 New, Boston, Mass.
bfvpPierce City Packing Co., Pierce City, Mo.
*Pillar Bay Packing Co., Seattle, Wash.
vPioneer Canning Co., St. Henry, O.
vPioneer Canning & Pickling Co., St. Nazianz, Wis.
fPlacer County Growers' Ass'n, Lincoln, Cal.
vPlain Canning Co., Plain City, O.
vfPlain City Canning Co., Plain City, Utah
vPlainview Canning Co., Plainview, Minn.
vPlainville Canning Co., Plainville, Ind.
vfbPlatt & Co., Key Highway & Boyle, Baltimore, Md.
Platte Valley Canning Co., Denver, Colo.
fvbPleasant Grove Canning Co., Pleasant Grove, Utah
vPlum Point Canning Co., Plum Point, Md.
vPlymouth Canning Co., Plymouth, Wis.
*Point Lobos Canning Co., Monterey. Cal.
vPolk J. T. Co. (Soups & Hominy), Greenwood, Ind.
vfPomona Valley Canning Co., Pomona, Cal.
mPond E. K. Packing Co, 517 W 24th pl, Chicago, Ill.
Portland Packing Co., Portland, Me.
*Portland Products Co., South Portland, Me.
vPowellsville Canning Co., Powellsville, Md.
vPrairie City Canning Co., Prairie du Chien, Wis.
bfvPrairie Grove Vinegar & Preserving Co., Prairie Grove, Ark.
vPrairie State Canning Co., El Paso, Ill.
vPrairie View Canning Co., Randolph, Wis.
fPratt, J. W., Farmington, Me.
vfbPratt Low Preserving Co., Santa Clara, Cal.
*Premier Packing Co., San Diego, Cal.
vPressing W. C., Norwalk, O.
fvPreston Canning Co., Preston, Md.
vPreston Harry T., Middletown, Del.
vPreston W. T. & A., Aberdeen, Md.
fvPrettyman G. H., Milford, Del.
Price-Booker Mfg. Co. (Catsup, Pickles & Chili Sauce), Houston Heights, Tex.
vPrice D. E. & Son, Darlington, Md.
pPride Bros. Co. (Molasses), Bellingham, Wash.
vPrince Edward Canning Co., Buchanan, Va.
vPrinceton Canning Co., Brownsburg, Ind.
fvpbPritchard E (Plum Pudding), Bridgeton, N. J.
vProgressive Canning Co., Elba, Wis.
fProspect Canning Co., Bedford, Va.
*Prosper Canning Co., Prosper, Ore.
vPure Food Canning Co., Erie, Pa.
Pure Food Fish Co., Ketchikan, Alaska
vPusey Ernest J. & Sons, Venton, Md.
vPusey, Holland Co., Princess Anne, Md.
fvbPuyallup & Sumner Fruit Growers' Ass'n, Puyallup, Wash.
fvbPyle J. F. & Son, San Jose, Cal.
vQuenponco Packing Co., Newark, Md.
vRacine Canning Co., Racine, O.
fvRader F. B., Troutville, Va.
vRalph C. S. & Bro., Vienna, Md.
vRandolph Canning Co., Randolph, Wis.
Ratliff Pure Food Products Co. (Chili Sauce), Fort Worth, Tex.
vReaburn J. H., Nace, Va.
vReber A. C., Ridgley, Md.
mvReber Preserving Co. (Hominy), Eola, Ill.
vReckord Bros., Bel Air, Md.
vRecords M. Sons Co., Forest, Del.
fRed Apple Orchard Corp., Shipman, Va.
vfRed Creek Canning Co., Red Creek, N. Y.
fvRedman T. V. & Son, Dreston, Md.
vRed Oak Canning Co., Red Oak, Ia.
vReece E. G., Canning Co., Waldron, Ind.
fvReed C. D., Troutville, Va.
vReedsburg Canning Co., Eau Claire, Wis.
vReese E. C., Harrington, Del.
vReese S. P. & Co., Harrington, Del.
vRehoboth Packing Co., Rehoboth Beach, Del.
pvReid, Murdoch & Co. (Pickles & Olives), Clark st. Bridge, Chicago, Ill.
vRemington Packing Co., Moorhead, Minn.
vRenfrew R. M., Fayette, Pa.
fvReynolds E. W., Troutville, Va.
vReynolds J. S. & Co., Frederica, Del.
Reynolds Preserving Co., Sturgeon Bay, Wis.
vReynolds S. H., Nace, Va.
fRheimstrom Bros. Co., Cincinnati, O.
mRice E. A. Co., 2230 S La Salle, Chicago, Ill.
vRich J. W., Deer Creek, Ill.
vRichardson T. P., Boone Mill, Va.
vRichardson W. R., Troutville, Va.
vRichardson W. T. & Co., Rising Sun, Md.
vRichardson & Robbins Co., Dover, Del.
fRicks Bros., Reynolds, Ga.
Ridden G. T. & Co., Denton, Md.
vRider Packing Co. (Hominy), Crothersville, Ind.
vRidersville Canning Co., Ridersville, W. Va.
fvRiely Bros., Blue Ridge Springs, Va.
*Riggin R. & Bro., Crisfield, Md.
vRiley Packing Co., Farmington, Del.
Ripon Conning Co., Ripon, Wis.
vRio Grande Packing Co., 120 Spruce, Phila., Pa.
vpbRitter P. J. Conserve Co. (Soups & Olives), 221 Frankford, Phila., Pa.
vRitty A. E. Canning Co., Dayton, O.
vRiverdale Co., Ogden, Utah
fvRiverside Canning Co. (Pickles & Hominy), Hamburg, Ia.
fvRiverton Canning Co. (Chili Sauce), Riverton, Utah
vRiverview Canning Co., Streator, Ill.
vfb Roach W. R. & Co., Hart, Mich.
vRobbins A. G. Packing Co., Robbins, Md.
vfbRoberts Bros., 427 E Lexington, Baltimore, Md.
vRoberts H. W., Clara, Md.
vfRoberts W. H. & Co. (Peanut Butter), 1011 S Lakewood av, Baltimore, Md.
vRoberts & Webster, Princess Anne, Md.
fvRobertson J. H., Buchanan, Va.
vRobinson A. S., Fallston, Md.
*Robinson Quincy, Warrenton, Ore.
vfbRobinson S. M. & Co., 607 S. Luzerne av, Baltimore, Md.
Robinson T. K. Co. (Molasses), Vicksburg, Miss.
fvRobinson W. E. & Co., Bel Air, Md.
vRochester Canning Co., Rochester, Ind.
vRockfield Canning Co., Rockfield, Wis.
*vfRock Hall Canning Co., 2203 E Baltimore, Baltimore, Md.
vRock Island Canning Co., Sears, Ill.
fvRockport Canning Co., Rockport, Mo.
vRock Springs Canning Co., Allenton, Mo.
vRockwell City Canning Co., Rockwell, Ia.
fvbRocky Ford Canning & Mfg. Co., Rocky Ford, Colo.
fRoddenberry W. B. (Molasses), Cairo, Ga.
vRoe F. P., Greensboro, Md.
Roeding Fig & Olive Co., Fresno, Cal.
fRogus River Valley Canning Co., Medford, Ore.
vRoot J. V., Versailles, Ill.
vRoss E. C., Seaford, Del.
vRoss & Williams, Princess Anne, Md.
fvRossville Canning Co., Rossville, Ill.
vfRowan Canning Co., Salisbury, N. C.
Royal Packing Co. (Catsup, Chili Sauce, Chile Powder, Peppers & Spanish Pimientos), 1815 Sacramento, Los Angeles, Cal.
vRoyal Packing Co., Milton, Del.
vRoyal Packing Co., Windfall, Ind.
*Royal River Packing Co., Portland, Ore.
vRuark Lafayette, Westover, Md.
fvRuble & Lemon, Nace, Va.
vRuff E. G., Delta, Pa.
vRuff & Rehmeyer, Woodbine, Pa.
*Ruge Bros. Canning Co., Apalachicola, Fla.
v*Ruley-Covington Packing Co., Tilghman, Md.
vRussell W. L. & Son, Mila, Va.
vRussellville Packing Co., Russellville, O.
vRustburg Canning Co., Rustburg, Va.
vRutland Canning Co., Rutland, O.
vSachem's Head Canning Co., Guilford, Conn.
vSac City Canning Co., Sac City, Ia.
fvSaco Valley Canning Co., Portland, Me.
vSadler Canning Co., Cicero, N. Y.
vSailors' Packing Co., Kokomo, Ind.
vSt. Elizabeth Canning Co., St. Elizabeth, Mo.
vSt. Thomas Canning Co., St. Thomas, Mo.
vSalem Canning Co., Salem, N. J.
vSalem Ernest, Phalanx, N. J.
vSalem Supply Co., Salem, N. J.
*Salina Packing Co., Anacortes, Wash.
vfbSalt Lake Valley Canning Co., Ogden, Utah
fvbSalter Canning Co., North Rose, N. Y.
vSamels Bros. & White, Chaska, Minn.
*Sanborn-Cutting Co., Astoria, Ore.
vSandy Ford Canning Co., Thaxton, Va.
vSanford W. H., Tucker Hill, Va.
vSan Gabriel Valley Canning Co., Los Angeles, Cal.
fvSanguinetti Canning Co., Mountain View, Cal.
vSanitary Canning Co., Westphalia, Ind.
vSanitary Canning Co., Stoutland, Mo.
*Sanitary Fish Co., Anacortes, Wash.
vSanitary Packing Co., Hollandsburg, O.
*San Juan Canning Co., Friday Harbor, Wash.
*San Juan Fishing & Packing Co., Seattle, Wash.
vfbSanoma Valley Canning Co., Vineburg, Cal.
fvSarcoxie Canning Co., Sarcoxie, Mo.
fvSauguoit Canning Co., Utica, N. Y.
vSauk City Canning & Pickling Co., Sauk City, Wis.
vSaulsbury Bros., Ridgely, Md.
pvSawyer Granite Co., Atkinson, N. H.
*Sawyer H. F. & Son, Boothbay Harbor, Me.
vSayers Iven H., Westminster, Md.
vScarborough J. O., Fallston, Md.
vfbSchall Packing Co., Atlantic Wharf, Baltimore, Md.
vScience Hill Canning Co., Science Hill, Ky.
Scio Condensed Milk Co., Scio, Oreg.
vScott C. M. Packing Co., Dover, Del.
fvScotten Geo. P. & Son, Magnolia, Del.
vfScottsburg Canning Co. (Hominy), Scottsburg, Ind.
vScoville H. D., Constantia, N. Y.
fScutt Frank, Verbank Village, N. Y.
*Sea Beach Packing Wks., Aberdeen Wash.
*Seaborg B. A., Gold Beach, Ore.
*Sea Coast Canning Co., Eastport, Me.
*fSea Food Co., Biloxi, Miss.
vSears C. E. & Co. (Hominy), Circleville, O.
vSears D. M. Co. (Pickles & Hominy), Fort Wayne, Ind.
vfbSears & Nichols Canning Co. (Hominy), Chillicothe, O.
*Seaside Canneries, Portland, Ore.
vSeaside Canning Co., Ocean City, Md.
*Seattle Packing Co., Seattle, Wash.
fvSecrist & Camper, Buchanan, Va.
vSelbyville Packing Co., Selbyville, Del.
vSellman A. B. & Bro., Watersville, Md.
bfSelma Canning Co., Selma, Cal.
Seneca Kraut & Pickling Co., Geneva, N. Y.
fvSeufert Bros. Co., The Dalles, Ore.
fvSharon Center Canning Co., Sharon Center, O.
vSharp J. V. Canning Co., Williamstown, N. J.
vSharpsville Canning Co., Sharpsville, Ind.
vShaver B. F., Troutville, Va.
vfbShaver J. W., Troutville, Va.
vShawano Canning Co., Shawano, Wis.
vSheldrake J. W., Harrington, Del.
fvShenandoah Packing Co., Starkey, Va.
vSheridan Packing Co., Sheridan, Ind.

CANNED GOODS—continued

vSheriff Preserve Co., 123 E Pearl, Cincinnati, O.
vSherman Canning & Preserving Co., Sherman, N. Y.
*vSherwood Canning Co., Sherwood, Md.
vSheyenne Valley Canning Co., Lisbon, N. D.
vShields L. H., English, Ind.
vfShimp E. Co., Hancock's Bridge, N. J.
vShimp & Harris, Canton, N. J.
vShirley Canning Co., Shirley, Ind.
vShowalter S. C. & Son, Troutville, Va.
vShowalter & Garst, Roanoke, Va.
vShowell Mfg. Co., Showell, Md.
vShriver B. F. Co., Westminster, Md.
vSilver C. B., Havre De Grace, Md.
vSilver Geo. O., Havre De Grace, Md.
vfSilver State Creamery & Produce Co. (Pickles & Hominy), Fort Lupton, Colo.
vSilver W. F., Havre De Grace, Md.
vSimmons R. L. Co., Andrews, Md.
vSimpson Packing Co., Trappe, Md.
*Sinclair Island Canning Co., Urban, Wash.
vSink Wm. Canning Co., Brandon, Wis.
vSisson J. H., Nace, Va.
vfSizer A. & Co., Buchanan, Va.
fSkagit Valley Fruit Growers' Ass'n., Burlington, Wash.
vSkillman A. A., Belcamp, Md.
vSlagel C. W. & Son, Davenport, Nebr.
*vfSlaight E. E. & Co., Seaford, Va.
vSlessman & Sons, Clyde, O.
vSlacum G. G., Wingate, Md.
vSmiley F. L. & Son, Roanoke, Va.
*Smiley J. L. & Co., Blaine, Wash.
vSmiley J. W., Buchanan, Va.
vSmith, Burkley & Billingslea, Taylors Bridge, Del.
vSmith C. C., Airville, Pa.
vfSmith Canning Co., 116 S Front, Phila., Pa.
vSmith F. I., Madison, Ind.
vSmith F. W., Belcamp, Md.
vSmith J. Colby & Son, Willow Grove, Del.
vfSmith J. T., Fawn Grove, Pa.
vfSmith-Yingling Co., Westminster, Md.
vfSmithfield's Pure Food Co., Clarkson, N. Y.
pSmucker J. M. (Apple Butter), Orrville, O.
vSnider T. A. Preserve Co. (Soups, Catsup, Chili Sauce, Pork & Beans), 168 N Michigan av, Chicago, Ill.
Snohomish Dairy Products Co., Snohomish, Wash.
*fvSnow Flake Canning Co., Brunswick, Me.
fbSodus Canning Co., Sodus, N. Y.
*Solomon Packing Co., North Cove, Wash.
fvSomerset Canning Co., Still Pond, Md.
vSomerset Packing Co., Upper Fairmount, Md.
Soper A. C. Co. (Catsup & Sauces), Farmingdale, N. J.
*South Coast Canning Co., Long Beach, Cal.
vSouth Jersey Canning Co., Pedricktown, N. J.
vSouth Lebanon Canning Co., South Lebanon, O.
fvbSouth Haven Preserving Co., South Haven, Mich.
fvSouthern California Canning Co., Ontario, Cal.
*Southern Oregon Co., Empire, Ore.
Southern Product Co. (Syrup), Seminary, Miss.
vSouthern Syrup Co. (Molasses & Syrups), Montgomery, Ala.
fSpalding Canning Co., Griffin, Ga.
vfSpanish Fork Canning Co., Spanish Fork, Utah
Spartanburg Canning & Preserving Co., Spartanburg, S. C.
vSpedden Packing Co., James, Md.
vSpence J. H., Smithville, Md.
pSpencer Wm. M. Sons Co. (Apple Butter), 324 E 2nd, Cincinnati, O.
vSpickard C. H. & Son, Blue Ridge Springs, Va.
vSpigle W. G., Troutville, Va.
*vSpindler V. G., Halethorpe, Md.
fvbSpringbrook Canning Co., Springbrook, Ore.
vSpring Valley Packing Co., Spring Valley, O.
fvSpringville Canning Co., Springville, N. Y.
fvSpringville Canning Co., Springville, Utah
*Stafford-Crandall Packing & Fishing Co., Wilmington, Cal.
fvStandard Canning Co., Noblesville, Ind.
pStandard Syrup Co. (Apple Butter, Molasses & Syrups), 1017 Chouteau, St. Louis, Mo.
vStanley C. C., Hollins, Va.
vfStanley H. A., Bedford, Va.
bfvStansbury Canning Co., Richmond, Va.
vStar Canning Co., Roy, Utah
vStathem-Cosier Co., Newport, N. J.
vbStaton-Moore Canning Co., Fruitland, Md.
vSteel W. B., Port Deposit, Md.
vSteinke E. H. Canning Co., Benton Harbor, Mich.
bfvStetson F. F. & Co., 325 San Fernando blvd, Los Angeles, Cal.
fvStetson & Ellison Co., Camden, Del.
vStevens C. S. & Son, Cedarville, N. J.
vStevens H. E., Nace, Va.
fvStevens J. E., Nace, Va.
vStevens T. D., Troutville, Va.
vStevens W. L. Inc., Cape May, N. J.
vStevens & Caskey, Hemlock, N. Y.
*bStewart A. L. & Sons, Cherryfield, Me.
vStewart J. Roland, Cambridge, Md.
vStewart & Jarrell, Hillsboro, Md.
vStittville Canning Co., Stittville, N. Y.
vfbStokely Bros. & Co. (Hominy), Newport, Tenn.
vStockham E. V., Perryman, Md.
vStocking Geo. E., Rochelle, Ill.
f*Stockton Canning Co., Stockton Springs, Me.
vStoops Packing Co., Van Wert, O.
fvStorer E. A., West Poland, Me.
vStoutamire P. W., Salem, Va.
Stoutrmire Geo. W., Roanoke, Va.
vStrasbaugh Henry P., Aberdeen, Md.
vStratford Packing Co., Chiltons, Va.
vStrickler Bros. Canning Co., Tippecanoe City, O.
vfStrickler S. R., Nace, Va.
vSudlersville Canning Co., Sudlersville, Md.
Sugar River Canning Co. (Milk), Albany, Wis.
Sullivan Condensed Milk Co., Sullivan, Wis.
vSummers C. G. & Co., 415 W. Camden, Baltimore, Md.
vSummit Canning Co., Akron, Ind.
vSunbright Canning Co., Dickson, Tenn.
vfpSunlit Fruit Co., 112 Market, San Francisco, Cal.
fbSunnyvale Canneries, Sunnyvale, Cal.
vSun Prairie Canning Co., Sun Prairie, Wis.
bfSunset Canning Co., Pomona, Cal.
*Sunset Packing Co., West Pembroke, Me.
*Superior Trading Co., Seattle, Wash.
*Surf Packing Co., Aberdeen, Wash.
vSwaim C. W. Canning Co., Sabina, O.
vSwayzee Canning Co., Swayzee, Ind.
vSweet Thomas J. & Co. (Catsup), Albion, N. Y.
vSwing Bros., Ridgley, Md.
vSwing J. M. & Bro., Greensboro, Md.
vSwitzer C. G., Fincastle, Va.
mvSycamore Preserve Wks., Sycamore, Ill.
vSyracuse Canning Co., Syracuse, Utah
*Taft Fish Co., Taft, Va.
*Taku Canning & Cold Storage Co., Seattle, Wash.
vTalbot Packing & Preserving Co., Easton, Md.
*Tallant-Grant Packing Co., Astoria, Ore.
vfbTanner Bros. Co., Oakfield, N. Y.
vfTate C. L. & Co., Arnold, Md.
v*Tawes-Gibson Packing Co., Darlington, Md.
vTaylor A. J. & Son, Oak Hall, Va.
bTaylor Bros., La Grange, Ky.
fvTaylor Fruit & Canning Co., Lockport, N. Y.
bfpvTaylor J. E. & Co. (Olives), Santa Ana, Cal.
vTaylor J. W., Hallwood, Va.
vTaylorsville Mfg. Co., Taylorsville, Ky.
vTell City Canning Co., Tell City, Ind.
vTemin Wm. & Son, Hartley, Del.
vTempleman's Milling & Canning Co., Templeman Cross Roads, Va.
fTexas Fig Co., Houston, Tex.
*Thlinket Packing Co., Yeon bldg., Portland, Ore.
vThomas Bros., Elliston, Va.
fvbThomas Canning Co., Grand Rapids, Mich.
fThomas G. H. & Co., Farmington Falls, Me.
fThomas Pineapple Co., Honolulu, Hawaii
vThomas S. C., Weems, Va.
fvThompson Bros., East Haddam, Conn.
fvThompson Bros., Cabool, Mo.
fvThompson Bros. Canning Co., Marshfield, Mo.
*Thompson John A., Freeport, Me.
*vfbThorndike & Hix, Rockland, Me.
vThornton Bros. & Co., Springwood, Va.
vThrasher R. H., Springwood, Va.
vTilghman Canning Co., Tilghman, Md.
*Tilghman Packing Co., Tilghman, Md.
vTipton Farmer Canning Co., Tipton, Ia.
vTomato Products Co., Paoli, Ind.
Torbitt & Castleman Co. (Molasses), Louisville, Ky.
vf*bTorsch Packing Co. (Hominy), Fort av, Lawrence & Clement, Baltimore, Md.
vTowers L. B. & Bro., Denton, Md.
vTowner Jay F. & Sons, Perryman, Md.
vTownsend J. G. & Co. Jr., Selbyville, Del.
vTownsend Jas. & Son, Masten, Del.
vTrappe Canning Co., Aberdeen, Md.
vfbTraver W. M. Co., Hartford, Mich.
vTravers J. R., Nanticoke, Md.
vTrevey Bros., Nace, Va.
vTripoli Canning Co., Tripoli, Ia.
bfvTrue L. P. & Co., Hope, Me.
vTuhey Canning Co., Muncie, Ind.
fTulare County Growers' Ass'n. (Olives), Porterville, Cal.
vTuttle & Co., McConnellsville, N. Y.
Twin Peaks Canning Co., Salt Lake City, Utah
*fbpvTwitchell-Champlin Co., Portland, Me.
vTyaskin Packing Co., Tyaskin, Md.
vfbTyler Canning & Pickling Co. (Hominy), Tyler, Tex.
vUlary Chas. R., North East, Md.
*Umpqua Co-operative Packing Co., Gardiner, Ore.
*mUnderwood W. Co., 52 Fulton, Boston, Mass.
vUnion City Canning Co. (Hominy), Union City, Tenn.
*Union Fishermen's Co-operative Packing Co., Astoria, Ore.
Union Packing Co. (Hominy, Chili Sauce, Pork & Beans), Omaha, Nebr.
*Union Sardine Co., Lubec, Me.
United Canneries & Co. of California, 430 S B'way, Los Angeles, Cal.
fvUnited Packers, Portland, Me.
vUrbana Canning Co., Urbana, O.
fvUrbanette Canning Co., Urbanette, Ark.
vUtah Canning Co. (Soups, Pork & Beans), Ogden, Utah
Utah Condensed Milk Co., Richmond, Utah
fvUtica Canning Co., Utica, N. Y.
vValders Canning Co., Valders, Wis.
Valecia Evaporated Milk Co., Madison, Wis.
bfvValley Canning Co., Newberg, Ore.
vValley Cash Canning Co., Montvale, Va.
vValley Packing Co., Lebanon, O.
*Valliant J., Oxford, Md.
v*Valliant W. H. & Bros., Bellevue, Md.
vVallonia Canning Co. (Hominy), Vallonia, Ind.
vVan Camp Geo. & Sons Co., Westfield, Ind.
vVan Camp Packing Co. (Milk, Soups & Hominy), Indianapolis, Ind.
*Van Camp Sea Food Co., San Pedro, Cal.
vVance F. W. Co. (Catsup & Chili Sauce), Columbia City, Ind.
fVarn & Platt Co., Savannah, Ga.
Vassar Milk Condensing Co., 36 Chope pl, Detroit, Mich.
mVette & Zuncker, 220 N Green, Chicago, Ill.
vfbVictor Preserving Co., Victor, N. Y.
vVienna Canning Co., Vienna, Ind.
vVinton Canning Co., Vinton, Ia.
vVirginia Canning Co., Petersburg, Ill.
vWabash Canning Co., Wabash, Ind.
v*fWacker Chas. Co., Betterton, Md.
vWaco Canning Co., Waco, Ky.
vWaddington & Holme, Naylors, Va.
vf*pbWagner M. Co., New Pier 2, Pratt, Baltimore, Md.
vWagoner J. (Pickles), 516 N 2nd, St. Louis, Mo.
vWaldo Canning Co., Waldo, Wis.
bfpWales Geo. E., Newton Center, Mass.
vWalker Bros., Aberdeen, Md.
fvWallace J. Packing Co., Cambridge, Md.
*Wards Cove Packing Co., Ketchikan, Alaska
vWarrenburg Canning Co., Warrenburg, Ill.
vWarren-Harchman Canning Co., Saratoga, Ind.
*Warren Packing Co., Yeon bldg., Portland, Ore.

*Warrenton Clam Co., Warrenton, Ore.
vWasatch Orchard Co., Ogden, Utah
vWashburn Canning Co., Washburn, Mo.
vWaterford Canning Co., Waterford, Ky.
vWaterloo Canning Ass'n., Waterloo, Wis.
vWaterloo Canning Co., Waterloo, Ia.
vWatertown Canning Co., Watertown, Wis.
fv*Watkins J. E., St. Michaels, Md.
vWatkins Packing Co., Odessa, Del.
vWatson Bros Co., Greenwich, N. J.
vWatson & Johnson, Peaksville, Va.
vWaupun Canning Co., Waupun, Wis.
vWausau Canning Co., Wausau, Wis.
vfWayland Canning Co., Wayland, N. Y.
Wayne Canning Co., Wayne, Mich.
Wayne County Canning Co. Ltd., Marion, N. Y.
vWaynesville Canning Co., Waynesville, O.
vWebb A. & Son, Vienna, Md.
vWebb H. C., Stewartsville, Va.
fvWebb H. F. Co., Portland, Me.
vWebb W. H., Bloomingdale, Ind.
vWeber A. & Co., 1941 O'Fallon, St. Louis, Mo.
vWebster-Butterfield Co., 2219 Boston, Baltimore, Md.
vWebster C., East New Market, Md.
fvpbWebster Canning & Preserving Co., Webster, N. Y.
fvWebster County Canning Co., Marshfield, Mo.
vWebster Frederick L., Adams, N. Y.
fvWebster N., Cambridge, Md.
vWebster R., Hurlock, Md.
vWebster W. & Co., Vienna, Md.
vfWeeks A. T., Roanoke, Va.
vWeir Canning Co., Toledo, Ia.
fWelch Bros. Apple Co., Burlington, Vt.
bvWelch Mary E. & Co., Thaxton, Va.
vWeller J. Co. (Pickles), Oak Harbor, O.
vWest Bend Canning Co., West Bend, Wis.
m*West Coast Packing Co., Blaine, Wash.
Western Condensed Milk Co., Newberg, Ore.
vWestmoreland Canning Co., Mount Holly, Va.
*vbWest River Packing Co., Galloways, Md.
vWest Salem Canning Co., West Salem, Wis.
bvfWexford Canning & Preserving Co., Wexford, Mich.
*Whateom Fish Products Co., Bellingham, Wash.
bWhitby C. H. & Son, Denton, Md.
fbvWhite Cloud Canning Co., White Cloud, Mich.
vWhite J. Cleveland, Salisbury, Md.
vWhiteford J. S., Whiteford, Md.
vWhiteford W. S. & Sons, Whiteford, Md.
vWhitehead Fred H., Lincoln City, Del.
fvWhitesburg Canning Co., Whitesburg Tenn.
*White Star Canning Co., San Pedro, Cal.
vWhitewater Canning Co., Whitewater, Wis.
vfWhiteson C. P., Swannawoa, N. C.
vWhittington W. L. & Co., Hopewell, Md.
vWhittington W. R., Marion Station, Md
vWieneke-Hoerr Co., Dubuque, Ia.
vWigley H. C. & Bro., Millersville, Md.
Wilder D. R. Mfg. Co. (Syrups), Atlanta, Ga.
Wildi John Evaporated Milk Co., Columbus, O.
vWilhelm Bros., Fincastle, Va.
vWilkinson G. A., Nottingham, Pa.
vWill & Sixbury, Cleveland, N. Y.
*Willapa Harbor Fish Co., South Bend, Wash.
fvbWillard Canning Co., Ogden, Utah
vWilliams B. S. & Son, Buchanan, Va.
pWilliams Bros. Co. (Pickles, Pork & Beans), Williams sq, Detroit, Mich.
*bWilliams G. N., Cutler, Me.
bvWilliams Milles & Bro., Fruit Dale, Ind.
vWilliamsburg Canning Co., Williamsburg, O.
vWilliamsburg Packing Co., Williamsburg, Md.
vWilliamson H. M., Nace, Va.
vWilliamson J. A. & Co., Springwood, Va.
fvWilliamsport Canning Co., Williamsport, Ind.
vWilling J. W. & Son, Nanticoke, Md.
fvWills W. L. & C. C., Troutville, Va.
fvWillson A. H., Vineland, N. J.
vWilson A. H., Aberdeen, Md.
vWilson Canning Co., Hebron, Md.
vfbWilson Canning Co., Mexico, N. Y.
vWilson G. E., Roanoke, Va.
vWilson Jas. T. & Co., Delmar, Del.
fvWilson & Co., Union Stock Yards, Chicago, Ill.
vWilson & Merrick, Ingleside, Md.
vWimbrow Bros., Whaleysville, Md.
vWinans Fruit & Canning Co., Diggins, Mo.
bfWindholz Chas. A., Syracuse, N. Y.
vWindsor Cove Packing Co., Jesterville, Md.
vWindy Hill Packing Co., Easton, Md.
vfWinebrenner D. E. Co., Hanover, Pa.
vbWinorr Canning Co., Circleville, O.
vfWinters Canning Co. (Olives), Winters, Cal.
vWinters & Prophet Canning Co., Mount Morris, N. Y.
vWinthrop Canning Co., Winthrop, Minn.
Wisconsin Butter & Cheese Co. (Milk), Waukesha, Wis.
vWisconsin Canning Co., Winneconne, Wis.
Wisconsin Condensed Milk Co., Burlington, Wis.
vWisconsin Pea Canners Co., Manitowoc, Wis.
vfpbWomack A. L. Co. (Hominy), Bristol, Tenn.
vWood N. A., Troutville, Va.
vWoods Cross Canning Co., Woods Cross, Utah
vWoodsboro Canning Co., Woodsboro, Md.
vfWool F. G. Packing Co., San Jose, Cal.
fvWoolford Packing Co., Washington & Aliceanna, Baltimore, Md.
vpWooster Preserving Co. (Pickles & Catsup), Wooster, O.
Workman Packing Co. (Soups, Chili Sauce, Pork & Beans), 432 7th, San Francisco, Cal.
vWood W. G. & Sons, Roanoke, Va.
vWright Canning Co., Aberdeen, Md.
vWright F., Federalsburg, Md.
vWright O. H., Vinton, Va.
vWright W. J. & Son, Choptank, Md.
vfbWright-Whittier Co., Ogden, Utah
vWright & Saunders, Bedford, Va.
vWrightson C. T., Easton, Md.
*Wyman Canning Co., Millbridge, Me.
*bWyman J. & Son, Millbridge, Me.
vWyoming Canning & Preserving Co., Wyoming, N. Y.
vYeager & Halstead, Cortland, N. Y.
fvYale Canning Co., Yale, Mich.
vfbYates County Canning Co., Penn Yan, N. Y.
vYellow Springs Canning Co., Yellow Springs, O.
fvYingling Jos. P., Pleasant Valley, Md.
vZacheis W. B. & J. S., Port Penn, Del.
vZiegler Canning & Preserving Co., Muscatine, Ia.
vZimmerman Bros., Bedford, Va.

1829a— *Canning Apparatus

ELYRIA ENAMELED PRODUCTS CO., (Glass Enameled), Elyria, O.
See adv index at end of book

1830— Cannons (Yacht)

American & British Mfg. Co., Charles, Providence, R. I.
Barney & Berry, Springfield, Mass.
Brown R. H. & Co., New Haven, Conn.
Kahnweiler's David Sons ("Lyle"), 260 Front, New York

1831— Canoes

See also Motor Boat, Launch & Yacht Builders

Carleton Canoe Co. (Birch Bark, Canvas Covered), Old Town, Me.
Crane Bros. (Linenold Seamless), Westfield, Mass.
Detroit Boat Co. (Cedar & Canvas), Detroit, Mich.
Old Town Canoe Co., Old Town, Me.
Racine Boat Co. (Sailing, Paddling), Racine, Wis.
Racine-Truscott-Shell Lake Boat Co. (Also Row Boats, Duck Boats, Etc.), Muskegon, Mich.
Rushton Sidney P. ("Indian Girl," Sailing, Paddling), Canton, N. Y.
Skaneateles Boat & Canoe Co. (Sailing, Paddling), Skaneateles, N. Y.
White E. M. & Co. ("White" Canvas Covered Canoes, Paddles, etc.), Old Town, Me.

Canopies (Iron & Bronze)

See Marquees; also Awnings, Corrugated Steel

1832—Canopies (Lawn or Umbrella Tents)

Aronoff Joseph J., Trenton, N. J.
Troy Carriage Sun Shade Co. ("Trojan"), Troy, O.

CLASSIFICATIONS which are marked thus (*) are not Standard Classifications and are only used for those concerns who advertise or pay for Bold Face Listings. Other concerns in similar lines of business will always be found under the Standard Classifications.

TIN CANS—TIN AND FIBRE CANS
TIN AND GALVANIZED WARE
OF ALL KINDS FOR ALL PURPOSES

We are the largest manufacturers of sheet metal containers in America, operating more than 50 factories in the United States and Canada. Our variety is the broadest and our output the largest

Fruit and Vegetable Cans. **Meat, Lard and Fish Cans.**
Tea, Coffee, Spice, Baking Powder, Cocoa Cans.
Syrup, Oil, Ink, Polish, Paint, Varnish Cans.
Cans for Medicinal and Toilet Preparations.
Shipping Cans, Tanks, Etc., Etc.

PLAIN OR DECORATED

AMERICAN CAN COMPANY

SAN FRANCISCO CHICAGO NEW YORK PORTLAND, ORE. MONTREAL

SEE LIST OF OTHER BRANCH OFFICES IN ADVERTISERS' INDEX AT END OF BOOK

1833-4-5-6—Cans (Ash & Garbage)

Abbott Hardware Co. ("Oregon"), 636 Columbus av, New York
AMERICAN CAN CO. ("Canco"), 120 Broadway, New York
See adv index at end of book
Atlantic Stamping Co. (Garbage only), 156 Ames, Rochester, N. Y.
Automatic Lock Cover Corp. (Sanitary Garbage), 48 E 12th, New York
Barschi Harry, 411 E 107th, New York
Berglund Chas. & Son, 236 E 47th, New York
Bicalky Fan Co., Buffalo, N. Y.
Brodie Mfg. Co., 52 Ellery, Brooklyn, N. Y.
Brooklyn Ash Can Mfg. Co., 2196 Fulton, Brooklyn, N. Y.
Brown Stamping Co., Toledo, O.
Buhl Stamping Co., Detroit, Mich.
Bushnell Tank Works, Bushnell, Ill.
Butler Mfg. Co., 900 6th av, S. E. Minneapolis, Minn.
Carman Mfg. Co., Columbus, Ohio
Central Stamping Co. ("Puritan," "Giant," "Monitor," "Central"), 174 Fulton, New York
Cincinnati Galvanizing Co. ("King" Corrugated), McMicken av & Tafel, Cincinnati, O.
Cleveland Wire Spring Co., Cleveland, O.
Crunden Martin Mfg. Co., 2d & Gratiot, St. Louis, Mo.
Dairymen's Mfg. Co., Bay, Jersey City, N. J.
Decatur Cornice & Rfg. Co., New Decatur, Ala.
De Zouche, Hanson & Co., 14 N 5th, Phila., Pa.
Diener Geo. W. Mfg. Co. ("Peerless"), 400 Monticello av, Chicago, Ill.
See adv index at end of book
Dover Stamping & Mfg. Co. ("Dover" Galvanized Steel, also with Safety Coal Sieve), Cambridge, Mass.
Ely & Williams Co., 257 B'way, New York
Empire Tin Ware Co. (Ash), 29 So 5th, Brooklyn, N. Y.
Federal Enam. & Stamping Co., Thompson & Chartiers, Pittsburgh, Pa.
Fleck M., 119 E 131st, New York
Gem Stamped Steel Co., Chelsea, Mass.
GEUDER, PAESCHKE & FREY CO. ("Cream City") Milwaukee, Wis.
See adv index at end of book
Guarantee Ash Can Co., 203 E 101st, New York
Harry Bros. Co. ("Harry's," Corrugated Galvanized Iron), Carr & I. C. R. R., New Orleans, La.
Henning Bros., 3924 Indiana av, Chicago, Ill.
Hennessy Dennis, Syracuse, N. Y.
Hill James Mfg. Co., 52 Westfield, Providence, R. I.
Hygeia Can Co. (Garbage), 25 Elm, New York
Indestructible Ash Can Co., 495 Broome, New York
Justrite Mfg. Co. ("Justrite" Sanitary) 2061 Southport av, Chicago, Ill.
Kaiser Mfg. Co., 245 Pearl, New York
Kelly Foundry & Machine Co., Goshen, Ind.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Kraft, A. C., 323 W. Lake, Chicago, Ill.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Lawson F. H. Co., Cincinnati, O.
Lisk Mfg. Co. (Garbage only, "Lisk" Aluminum Galvanized), Canandaigua, N. Y.
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Mager & Newman Tinware Co., Monroe, New York
National Can Co., 36 Washington, North Boston, Mass.
National Enameling & Stamping Co., 411 5th av, New York
New England Enameling Co., Middletown, Conn.
New York Standard Ash Can Mfg. Co., 60 Dobbin, New York
North Star Ash Can Co. (Engineers' Steel), 167 Chrystie, New York
Ohio Galvanizing Mfg. Co. (Heavy), Niles, O.
Pressed Steel Tank Co. (Seamless Pressed Steel), 58th & Greenfield av, Milwaukee, Wis.
Republic Metalware Co., The, Buffalo, N. Y.
Rochester Can Co. ("Iron Horse" & Rubbish), Rochester, N. Y.
Schuler Chas. & Co., 15 Stuyvesant, New York
Schwarz L. I., 357 W B'way, New York
Sexton Can Co., 228 Franklin, Boston, Mass.
Sharp Rotary Ash Receiver Co., Binghamton, N. Y.
Simmons John Co., 110 Centre, New York
Standard Mfg. Co., Corning, N. Y.
Standard Mfg. Co., 41 Cortlandt, New York
Standard Stamping Co., B'way & Chambers, St. Louis, Mo.
Steel Basket Co., Cedar Rapids, Ia.
Stephenson C. H. ("Stephenson" Spiral Truss Ribbed), Lynn, Mass.
Success Mfg. Co. ("Success"), Gloucester, Mass.
Vernier Mfg. Co., Cedar Rapids, Ia.
Western Tin & Japan Mfg. Co., 1013 Walnut, Cincinnati, O.
Whitaker-Glessner Co., Wheeling Corrugating Dept. (Galvanized), Wheeling, W. Va.

Witt Cornice Co. (Corrugated), 2118 Winchell av, Cincinnati, O.
Wotherspoon Jas. R., 238 N Front, Phila., Pa.

Cans (Benzine)

See Cans, Non-explosive

Cans (Cigar, Tin)

See Boxes, Tin, Cigar

1837—*Cans (Coffee, Spice, Etc.)

Johnson-Morse Can Co. (Coffee), Wheeling, W. Va.
National Can Co., Detroit, Mich.
Wheeling Can Co. (Coffee), Wheeling, W. Va.

1838— Cans (Comber)

Hill James Mfg. Co. (Galvanized Iron), 52 Westfield, Providence, R. I.

Cans (Condensed Milk)

See Cans, Tin

1839-40— Cans (Cordage)

Standard Fibre Co., Miller, Somerville, Mass.

1841-2— *Cans (Decorated)

See also Boxes & Cans, Litho. Metal

AMERICAN CAN CO., 120 **Broadway**, New York. *See adv index at end of book*

1843— Cans (Faucet)

Delphos Mfg. Co., 1st & Pierce, Delphos, O.
Sexton Can Co. ("Hub," "Jacket," "Puritan," "Orient"), 228 Franklin, Boston, Mass.
Stuart & Peterson Co. (Porcelain Lined), Burlington, N. J.

1844— Cans (Fibre)

See also Cans, Paper

AMERICAN CAN CO., 120 **Broadway**, New York. *See adv index at end of book*
Canister Co. of New Jersey (Tin Top & Bottom), Phillipsburg, N. J.
Detroit Can Co., Russell & Trombley, Detroit, Mich.
Detroit Paper Tube & Can Co., Ltd. (Tin Ends), 26 Griswold, Detroit, Mich.
National Fibre & Insulation Co., Yorklyn, Del.
St. Louis Paper Can & Tube Corp'n, St. Louis, Mo.
Standard Fibre Co., Miller, Somerville, Mass.

1844a—Cans (Friction Top)

Johnson-Morse Can Co., off. 480 E Wheeling, W. Va.
U. S. Can Co., Norwood, Cincinnati, O.
Wheeling Can Co., off. E 48th, Wheeling, W. Va.

Cans (Garbage)

See Cans, Ash & Garbage.

Lock-Tite Mfg. Co., Battle Creek, Mich.

Cans (Gasoline)

See Cans, Oil & Gasoline

1845— Cans (Gill Box)

Hill James Mfg. Co. ("I. X. X. X." Tin), 52 Westfield, Providence, R. I.
National Fibre & Insulation Co., Yorklyn, Del.
Standard Fibre Co., Miller, Somerville, Mass.

1846— Cans (Gun Powder)

Peoria Can Co., Peoria, Ill.

1847— Cans (Ice)

Brunswick Refrigerating Co., New Brunswick, N. J.
Fouts C. C. Co., 650 Woodlawn av, Middletown, O.
Great Lakes Engineering Works, Detroit, Mich.
Kiechler Mfg. Co., Wade & Denman, Cincinnati, O.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La.
North Star Ash Can Co., 167 Chrystie, New York
Ohio Galvanizing & Mfg. Co., Niles, O.
Ruemmell-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
Sterling Blower Co., Hartford, Conn.
Triumph Ice Machine Co., Oakley, Cincinnati, O.
Vogt Henry Machine Co., Louisville, Ky.
Wall P. Mfg. Supply Co., 705 Preble av, Pittsburgh, Pa.

1848— Cans (Ice Cream)

Blanke Mfg. & Supply Co., 3d & Washington av, St. Louis, Mo.
Bray & Kates Co., Arlington Helghts, Ill.
Buhl Stamping Co., Detroit, Mich.
Dairymen's Mfg. Co. ("Sanitary"), Bay, Jersey City, N. J.
Keiner-Williams Stamping Co., Richmond Hill, N. Y.
Maag August Co., 509 W Lombard, Baltimore, Md.
North Star Ash Can Co., 167 Chrystie, New York
Rice & Adams, Buffalo, N. Y.
Solar Metal Products Co., Columbus, O.
Stuart & Peterson Co. (Porcelain Lined), Burlington, N. J.
Sturges & Burn Mfg. Co., 508 S Green, Chicago, Ill.
White Mountain Freezer Co., Nashua, N. H.
Wright R. G. & Co., Buffalo, N. Y.

1848a— Cans (Ink)

Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book

1849— *Cans (Jacket)

See also Cans, Shipping

AMERICAN CAN CO., 120 **Broadway**, New York. *See adv index at end of book*

1850-1— Cans (Key)

American Key Can Co., 140 S Dearborn, Chicago, Ill.

Cans (Lithographed)

See Boxes & Cans, Litho Metal

1852— Cans (Maple Syrup)

Franklinville Canning Co., Franklinville, N. Y.
Grimm G. H. ("Grimm"), Rutland, Vt.

1853—Cans (Medicinal & Toilet Preparation)

AMERICAN CAN CO., 120 **Broadway**, New York. *See adv index at end of book*
Metal Package Corp. of N. Y., 346 Carroll, Brooklyn, N. Y.
St. Louis Paper Can & Tube Corp'n (Fibre), St. Louis, Mo.

1854— Cans (Milk)

Blanke Mfg. & Supply Co., 3d & Washington av, St. Louis, Mo.
Bray & Kates Co., Arlington Heights, Ill.
Brown Stamping Co., Toledo, O.
Buckeye Aluminum Co. ("Real Solid" Aluminum with Bail or Handle), Wooster, O.
Buhl Stamping Co., Detroit, Mich.
Central Stamping Co. ("Puritan," Cans & Kettles), 172 Fulton, New York
Colonial Can Co., 120 Milk, Boston, Mass.
Dairymen's Mfg. Co. ("Sanitary"), Bay, Jersey City, N. J.
Dover Stamping & Mfg. Co., Cambridge, Mass.
GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis. *See adv index at end of book*
Keiner-Williams Stamping Co., Richmond Hill, N. Y.
Lalance & Grosjean Mfg. Co., 299 B'way, N. Y.
Lisk Mfg. Co ("Lisk" Tin and Enamel), Canandaigua, N. Y.
Mountain City Stove & Mfg. Co., Chattanooga, Tenn.
National Enameling & Stamping Co., 411 5th av, New York
Oakes & Burger Co. ("Royal Dane," "Empire State" & "Union" Canadian or Western Pattern), Cattaraugus, N. Y.
Schlueter Mfg. Co., B'way & John av, St. Louis, Mo.
Solar Metal Products Co., Columbus, O.
Sturges & Burn Mfg. Co., 508 S Green, Chicago, Ill.

1855— Cans (Milk Shipping)

Oakes & Burger Co. ("Royal Dane"), Cattaraugus, N. Y.

1856— Cans (Miners' Oil)

GEM MFG. CO. (Brazed Steel), Goebel, nr Fulton, N S, Pittsburgh, Pa.
See adv index at end of book
Hardsocg Martin Co., 922 South av, Pittsburgh, Pa.
Kraft, A. C., 323 W Lake, Chicago, Ill.
St. Louis Tin & Sheet Metal Working Co., St. Louis, Mo.

1857— Cans (Non-Explosive)

Brown Stamping Co., Toledo, O.
Diener Geo. W. Mfg. Co., 400 Monticello av, Chicago, Ill.
See adv index at end of book
Golding Mfg. Co., Franklin, Mass.
McNutt Can Sales Co. Inc. ("McNutt"), 83 Chambers, New York
Safety Fire Extinguisher Co., 291 7th av, New York
Sexton Can Co. ("Sexton's" safety for printers, etc), 228 Franklin, Boston, Mass.

1858— Cans (Oil Pump)

Chapin R. E. Mfg. Works, Batavia, N. Y.
Cincinnati Can Co., 426 Culvert, Cincinnati, O.
Delphos Mfg. Co., First & Pierce, Delphos, O.
Lisk Mfg. Co., Canandaigua, N. Y.
Maple City Mfg. Co. ("Howland"), Monmouth, Ill.
National Enameling & Stamping Co., 411 5th av, New York

1859— Cans (Oil & Gasoline)

For Engineer's Oil Cans, See Oilers

Adams & Westlake Co., 319 W Ontario, Chicago, Ill.
AMERICAN CAN CO., 120 Broadway, New York. *See adv index at end of book*
Atlantic Stamping Co. ("Atlantic," 1 to 5 gallons, Spout Faucet, etc, for Kerosene & Gasoline), 156-180 Ames, Rochester, N. Y.
Beman Automatic Oil Can Co. ("Beman" Delivery), Meadville, Pa.
Blanke W. F. Can & Mfg. Co., 116 Pine, St. Louis, Mo.
Boggs Auto Supply Co. ("Kup-Kan"), Ft. Dodge, Ia.
Brown Stamping Co., Toledo, O.
Bumann Mfg. Co. ("Easy Flow"), Litchfield, Ill.
Cannon Oiler Co. (Successor to R. E. Bloomer), Keithsburg, Ill
Central Stamping Co. ("Puritan," Screw Top, etc), 174 Fulton, New York
Chapin R. E. Mfg. Works (Galvanized Household), Batavia, N. Y.
Cincinnati Can Co., 426 Culvert, Cincinnati, O.
Colonial Can Co., 120 Milk, Boston, Mass.
Columbia Can Co., Madison, 1st to 2nd, St. Louis, Mo.
Conneaut Can Co. ("Red Hoop"), Conneaut, O.
Consolidated Fruit Jar Co., New Brunswick, N. J.
Continental Can Co., Syracuse, N. Y.
Crunden Martin Mfg. Co. (Galvanized), 2nd & Gratiot, St. Louis, Mo.
Delphos Mfg. Co. ("Never Leak" & "Legal" Spout & Auto Funnel Cans), 1st & Pierce, Delphos, O.
Deverall Perfection Mfg. Co. ("Deverall"), Caton av, Brooklyn, N. Y.
Diener Geo. W. Mfg. Co. ("Protection," Non-Explosive), 400 Monticello av, Chicago, Ill. *See adv index at end of book*
Dover Stamping & Mfg. Co. ("Acme," Family & "Dover," Auto, etc), Cambridge, Mass.

CANS (OIL AND GASOLINE)—continued

Dressel Railway Lamp Works (Steel for Engineers, etc), 3860 Park av, New York
Dunlap John Co. (Galvanized), Gregg, Pittsburgh, Pa.
Eagle Glass & Mfg. Co. (Copper, Brass & Steel), Wellsburg, W. Va.
GEM MFG. CO. ("Gem" Heavy Brazed Steel Oil Carriers), Goebel, nr Fulton, N. S. Pittsburgh, Pa.
See adv index at end of book

Gem Stamped Steel Co., Chelsea, Mass.
GEUDER, PAESCHKE & FREY CO., ("Cream City," Anti-Leak, Galvanized), Milwaukee, Wis.
See adv index at end of book
Gray Peter & Sons, Inc. (Oil for Railroad Use, etc), 286 Third, East Cambridge, Mass.
Handlan-Buck Mfg. Co. (Railway, etc), 210-14 N. 3rd, St. Louis, Mo.
Harps J. A. Mfg. Co. ("Never Fail," for Oil or Gasoline, for Household Use), Greenfield, O.
Hunt & Dorman Mfg. Co., 1600 E 24th, Cleveland, O.
Iddings Co. ("Auto" Galvanized Iron), Warren, O.
Impervious Package Co. (Wood), Keene, N. H.
Jackson J. W., Sharpsville, Pa.
Johnson Mfg. Co., Urbana, O.
Kiechler Mfg. Co., Wade & Denman, Cincinnati, O.
Knapp Mfg. & Supply Co. (Oil Carriers), 241 Water, New York
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Kraft A. C., 323 W. Lake, Chicago, Ill.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Lisk Mfg. Co. ("Lisk" Spout or Faucet, etc), Canandaigua, N. Y.
McLaughlin Co. Inc., Brookport, N. Y.
Manufacturers Can Co., 501 1st, Newark, N. J.
Maple City Mfg. Co. ("Standard," for Gasoline & Kerosene, also "Howland" Pump), Monmouth, Ill.
Meisselbach A. F. & Bro. ("One Drop"), 29 Congress, Newark, N. J.
National Can Co. (For Castor, Olive & Essential Oils), Detroit, Mich.
National Enameling & Stamping Co. ("Superior," Screw Cap, Spout, Plain, etc), 411 5th av, New York
National Marine Lamp Co., Forestville, Conn.
Noera Mfg. Co. ("Noera"), Waterbury, Conn.
Northwestern Stamping Co., Burlington, Ia.
Ohio Lantern Co. ("Baron" Resilient & "Ohio" Glass Wire Cushioned, Kerosene Oil only), Tiffin, O.
Republic Metalware Co., The, Buffalo, N. Y.
Rochester Can Co. ("Iron Horse"), Rochester, N. Y.
Rochester Stamping Co., Rochester, N. Y.
Rockford Brass Works, Rockford, Ill.
Roseland Can & Specialty Co. (Plain Tank for Oil & Gasoline), Rockford, Ill.
St. Louis Metalware Co., 2507 N B'way, St. Louis, Mo.
St. Louis Tin & Sheet Metal Working Co. (Plain & Ornamental), St. Louis, Mo.
Schlueter Mfg. Co., B'way & John av, St. Louis, Mo.
Sexton Can Co. ("Sexton's" Spout & Screw Cap, etc), 228 Franklin, Boston, Mass.
Standard Stamping Co., B'way & Chambers, St. Louis, Mo.
Trethaway Bros. (Tin & Galvanized), Parsons, Pa.
Tongue R. E. & Bros. Co., Allegheny av & Amber, Phila., Pa.
Troy Stamping Works, Troy, N. Y.
Union Furnace Mfg. Co., Union Furnace, Pa.
Walters Mfg Co., Fulton bldg, Pittsburgh, Pa.
Whitaker-Glessner Co., Wheeling Corrugating Dept. ("Crescent," "Wheeling," "Virginia," "No-Drip," Galv., with Sprouts or Faucets), Wheeling, W. Va.
Winfield Mfg. Co., Warren, O.

1860-1 — Cans (Oil & Gasoline, Glass)

Ball Bros. Glass Mfg. Co. ("Dandy" Glass Oil Cans), Muncie, Ind.
Ohio Lantern Co. ("Baron" Resilient & "Ohio" Glass Wire Cushioned), Tiffin, O.

1862— Cans (Packers', Etc.)

AMERICAN CAN CO., 120 Broadway, New York. *See adv index at end of book*
Atlantic Can Co., 2108-26 Boston, Baltimore, Md.
Boyer W. W. & Co., 2327 Boston, Baltimore, Md.
Boyle Can Co., Maryland Trust bldg, Baltimore, Md.
Columbia Specialty Co. (Plain & Decorated), 1508 E Fayette, Baltimore, Md.
Continental Can Co., Syracuse, N. Y.
Heekin Can Co. (Lard), 6th, New & Culvert, Cincinnati, O.
Johnson-Morse Can Co. (Lithographed & Plain, Lard, Sanitary, etc), Wheeling, W. Va.
National Enameling & Stamping Co., 411 5th av, New York
National Can Co., 121 N Caroline, Baltimore, Md.
Peoria Can Co. (Sanitary, Self-Sealing), Peoria, Ill.
Phelps Can Co. (Cap Hole & Vent Hole Style), ft of Lawrence, Baltimore, Md.
Porter C. B. Co., 128 N 2nd, Phila., Pa.
St. Louis Paper Can & Tube Corporation (Fibre), St. Louis, Mo.
Sanitary Can Co. (Enamel Lined, Plain, etc), 120 B'way, New York
Southern Can Co., 717 S Wolfe, Baltimore, Md.
Tyler Can Co., 1409 Eastern av, Baltimore, Md.
United States Can Co. ("Standard" Solder Hemmed, Sanitary Friction Top & Wax Top), Norwood, Cincinnati, O.
Virginia Can Co. (Lock Seam), Buchanan, Va.
Warren J. M. & Co., Troy, N. Y.
Wheeling Can Co. (Sanitary), Wheeling, W. Va.

1863—Cans (Paint & Varnish)

AMERICAN CAN CO., 120 Broadway, New York. *See adv index at end of book*
Columbia Can Co., Madison, 1st to 2d, St. Louis, Mo.
Conneaut Can Co., Conneaut, O.
Continental Can Co., Syracuse, N. Y.
Dunlap Jno. Co., Gregg, Pittsburgh, Pa.
Empire Tin Ware Co. (Paint), 29 So 5th, Brooklyn, N. Y.
Heekin Can Co., 6th, New & Culvert, Cincinnati, O.
Manufacturers' Can Co. ("Peerless," "Tip-Top"), 501 1st, Newark, N. J.
NATIONAL CAN CO., Detroit, Mich.
New Can Co. (Patent Self-Closing), 326 A, Boston, Mass.
Peoria Can Co. (Self-Sealing), Peoria, Ill.

1864— Cans (Paper)

See also Tubes, Mailing

AMERICAN CAN CO., 120 Broadway, New York. *See adv index at end of book*
Bennett Paper Can & Tube Co., 271 10th, San Francisco, Cal.
Chicago Mailing Tube Co., 425 S Hoyne av, Chicago, Ill.
Chicago Paper Tube & Can Co., 168 N May, Chicago, Ill.
Detroit Paper Tube & Can Co., Ltd., 26 Griswold, Detroit, Mich.
Empire Paper Tube & Box Co., 155 Bank, New York
Improved Mailing Case Co., 309 B'way, New York
Ritchie W. C. & Co., 400 S Green, Chicago, Ill.
St. Louis Paper Can & Tube Corporation, St. Louis, Mo.
Seeley Tube & Box Co., 344 Central av, Newark, N. J.
Union Paper Co., 844 Washington, New York

1865— Cans (Park Waste)

Steel Basket Co., Cedar Rapids, Ia.
Stephenson C. H. ("Stephenson"), Lynn, Mass.

1866—*Cans (Plain & Lithographic)

BERTELS W. B. & SON CO., INC. (Special Designs, all kinds), Wilkes-Barre, Pa.

Cans (Pump)

See Cans, Oil Pump

1867—Cans (Refuse, Street & Park)

Majestic Co., Huntington, Ind.
Rochester Can Co., Rochester, N. Y.

1868— Cans (Roving)

American Vulcanized Fibre Co. ("Laminar" Fibre & "Sullivan" Seamless Manila Fibre), 504 Equitable bldg, Wilmington, Del.
Diamond State Fibre Co. ("Laminar" Fibre & "Sullivan" Seamless Manilla Fibre), Elsmere, Del.
Gem Stamped Steel Co., Chelsea, Mass.
Hill Jas. Mfg. Co. ("Vulcan" & "Hercules" Fibre & "Hill I.X.X.X." Tin), 52 Westfield, Providence, R. I.
Leatheroid Mfg. Co., 121 Beach, Boston, Mass.
National Fibre & Insulation Co., Yorklyn, Del.
N. E. Ventilating & Heating Co., 926 Manton av, Providence, R. I.
ROGERS FIBRE CO. (Leatheroid Mfg. Co.) ("Leatheroid"), 121 Beach, Boston, Mass.
See adv index at end of book
Spaulding J. & Sons Co. (Seamless Hard Fibre), North Rochester, N. H.
See adv index at end of book
Standard Fibre Co. ("No Waste" Seamless Hard Fibre), Miller st, Somerville, Mass.

1869—Cans (Safety, Oil & Benzine)

See Cans, Non-Explosive

1870-1—Cans (Self-Sealing)

AMERICAN CAN CO., 120 Broadway, New York. *See adv index at end of book*
Columbia Can Co., Madison, 1st to 2d, St. Louis, Mo.
NATIONAL CAN CO., Detroit, Mich.
New Can Co., 326A, Boston, Mass.
Peoria Can Co. (Fruit), Peoria, Ill.
St. Louis Paper Can & Tube Corporation (Fibre), St. Louis, Mo.

1872—Cans (Shipping, Wood Jacket)

AMERICAN CAN CO., 120 Broadway, New York. *See adv index at end of book*
Chapin R. E. Mfg. Works: Batavia, N. Y.
Columbia Can Co., Madison, 1st to 2d, St. Louis, Mo.
Conneaut Can Co. ("Red Hoof"), Conneaut, O.
Continental Can Co., Syracuse, N. Y.
National Can Co., 36 Washington No., Boston, Mass.
National Can Co., Detroit, Mich.
New Can Co. (Patent Self-Closing), 326A, Boston, Mass.
Roseland Can & Specialty Co. ("Reliable"), Rockford, Ill.
Sexton Can Co. ("Sexton's," also Boxed), 228 Franklin, Boston, Mass.

1873— Cans (Spray)

Dobson Wm., Canastota, N. Y.

1874—Cans (Street Cleaning)

AMERICAN CAN CO., 120 Broadway, New York. *See adv index at end of book*
Central Stamping Co., 172 Fulton, New York
Cleveland Wire Spring Co., Cleveland, O.

Ohio Galvanizing & Mfg. Co. (Sheet Steel) Niles, O.
Peoria Can Co., Peoria, Ill.
Rochester Can Co., Rochester, N. Y.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.) (Galvanized), Wheeling, W. Va.

1875— Cans (Tin)

(Lard, Grease, Paint, Varnish, Dry, Groceries, etc.)
See also Cans, Various Kinds, in index of Contents
See also Boxes & Cans, Litho Metal
AMERICAN CAN CO. (For all known purposes), 120 B'way, New York
See adv index at end of book
American Stopper Co., 19 Verona, Brooklyn, N. Y.
Atlantic Can Co. (Packers' Only), 2108-26 Boston, Baltimore, Md.
Bennett E. W. & Co., 2000 16th av, San Francisco, Cal.
Blanke W. F. Can & Mfg. Co., 116 Pine St. Louis, Mo.
Boyle Can Co., Maryland Trust bldg., Baltimore, Md.
Bray & Kates Co. (Creamery), Arlington Heights, Ill.
Brazil Stamping & Mfg. Co., Brazil, Ind.
Bredhoff & Grimley, 344 Front, San Francisco, Cal.
Brown Stamping Co., Toledo, O.
Buhl Stamping Co., Detroit, Mich.
Burns Jno. & Son, 19 Fulton, New York
Burrows Metal Mfg. Co. (Plain & Decorated), 521 W 23rd, New York
Canister Co. of New Jersey, Phillipsburg, N. J.
Canton Art Metal Co., Canton, O.
Chapin R. E. Mfg. Works: Batavia, N. Y.
Clark Geo. W., 252 Water, New York
Clark J. L. Mfg. Co. (Plain & Lithographed Druggists, etc.), Rockford, Ill.
Clines L. Mfg. Co., 1239 S Wabash av, Chicago, Ill.
Coast Metal Wks., 180 Townsend, San Francisco, Cal.
Colonial Can Co., 120 Milk, Boston, Mass.
Columbia Can Co., Madison, 1st to 2d, St. Louis, Mo.
Columbia Specialty Co., 1508 E Fayette, Baltimore, Md.
Conneaut Can Co. ("Red Hoop"), Conneaut, O.
Continental Can Co. (Fruit & Vegetable), Syracuse, N. Y.
Cream City Can Works, 241 Oregon, Milwaukee, Wis.
Delphos Mfg. Co. ("Lilac Oil"), 1st & Pierce, Delphos, O.
Fallis Edwin Canning Co., Lowell, Mich.
Fischer Can Co., Hamilton, O.
Franklinville Canning Co., Franklinville, N. Y.
Gordon-Lawless Co., Omaha, Neb.
Gotham Can Co., 60 Eagle, Brooklyn, N. Y.
Heekin Can Co. (Baking Powder, etc), 6th, New & Culvert, Cincinnati, O.
Hill Jas. Mfg. Co., 52 Westfield, Providence, R. I.
Impervious Package Co., Keene, N. H.
Johnson-Morse (Lard, Coffee, Honey, etc., Plain and Lithographed), Wheeling, W. Va.
Johnson O. D. Stamping Works, Batavia, N. Y.
Kaiser Geo. J., 194 Duane, New York
Kiechler Mfg. Co., Wade & Denman, Cincinnati, O.
Kraft A. C., 323 W. Lake, Chicago, Ill.
Lecomte & Co., Wolcott, Brooklyn, N. Y.
Los Angeles Can Co., Los Angeles, Cal.
Manufacturers Can Co., 501 1st, Newark, N. J.
Mason Mfg. Co., 156 So Water, Providence, R. I.
Messenger H. B., Federalsburg, Md.
Metal Package Corp. of N. Y. (Decorated), 346 Carroll, Brooklyn, N. Y.
National Can Co. (Packers', Syrup, etc.), Baltimore, Md.
National Can Co., 36 Wash'n N., Boston, Mass.
NATIONAL CAN CO., Detroit, Mich.
Neal W. H. & Son Co., Hurlock, Md.
New Can Co., 326A, Boston, Mass.
New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La.
Peoria Can Co., Peoria, Ill.
Phelps Can Co., ft of Lawrence, Baltimore, Md.
Phillips & Buttorff Mfg. Co., Nashville, Tenn.
Platt & Co., Inc. (Packers), Key Highway & Boyle, Baltimore, Md.
Porter C. B. Co., 128 N 2nd, Phila., Pa
Republic Metalware Co. The, Buffalo, N. Y.
Roseland Can & Specialty Co., Rockford, Ill.
St. Louis Paper Can & Tube Corporation, St. Louis, Mo.
St. Louis Tin & Sheet Metal Working Co., St. Louis, Mo.
Sanitary Can Co. (Tomato, for Whole Tomatoes, etc), 120 B'way, New York
Sexton Can Co. (Benzine Safety, Boxed, Metallic, Jacket, Drug, Varnish, Grease, Aniline, Oyster & Screw Top & Slip Cover, etc), 228 Franklin, Boston, Mass.
Shalita Bros., 268 South, New York
Skat Co., Hartford, Conn.
Southern Can Co. (Fruit, Syrups, etc), 717 S Wolfe, Baltimore, Md.
Steward L. & J. A., Rutland, Vt.
Stirrup Mfg. Co., 257 Greenwich, New York
Trench D. G. & Co., 222 N Wabash av, Chicago, Ill.
Troy Stamping Works, Troy, N. Y.
Tyler Can Co. (Packers' Cans Only), 1409 Eastern av, Baltimore, Md.
U. S. Can Co. (Packers, etc), Norwood, Cincinnati, O.
Virginia Can Co., Buchanan, Va.
Wallmann Mfg. Co., 283 5th av, Milwaukee, Wis.
Wheeling Can Co. (Grease), Wheeling, W. Va.

1876—*Cans (Tin, Fibre & Galvanized)

AMERICAN CAN CO., 120 Broadway, New York
See adv index at end of book

1877— Cans (Tin Fruit)

See also Cans, Packers, etc.
AMERICAN CAN CO., 120 B'way, New York. *See adv index at end of book*
Boyle Can Co., Maryland Trust bldg, Baltimore, Md.
Continental Can Co., Syracuse, N. Y.
Franklinville Canning Co., Franklinville, N. Y.
National Can Co., Detroit, Mich.
Peoria Can Co., Peoria, Ill.

1877a—*Cans (Tin, Oil & Grease, etc.)

BERTELS W. B. & SON CO., INC., Wilkes-Barre, Pa.

1878— Cans (Vulcanizing)

Columbia Can Co., Madison, 1st to 2d, St. Louis, Mo.

1879— Cans (Waste)

AMERICAN CAN CO., 120 Broadway, New York
See adv index at end of book
Atlantic Stamping Co. ("Atlantic," Galvanized Iron), 180 Ames, Rochester, N. Y.
Bushnell Tank Works, Bushnell, Ill.
Canton Art Metal Co., Canton, O.
Central Stamping Co. (Oily Waste), 174 Fulton, New York
Clark W. J. Co., Salem, O.
Cleveland Wire Spring Co. (Oily Waste, Sheet Metal), Cleveland, O.
Consolidated Fruit Jar Co., New Brunswick, N. J.
Continental Can Co., 111 W Washington, Chicago, Ill., Syracuse, N. Y.
Diener Geo. W. Mfg. Co. ("Perfection" Oily Waste), 400 Monticello av, Chicago, Ill.
See adv index at end of book
Dover Stamping & Mfg. Co. (Oily Rag & Waste Can), Cambridge, Mass.
Dressel Railway Lamp Works (Cans & Pails), 3860 Park av, New York
Ely & Williams Co. (Factory Waste & Rubbish), 257 B'way, New York
Harry Bros. Co. ("Harry's"), Carr & I. C. R. R., New Orleans, La.
Harry O. K. Steel Co., 2333 Papin, St. Louis, Mo.
Hill James Mfg. Co., 52 Westfield, Providence, R. I.
Iron Clad Mfg. Co., 178 Cook, Brooklyn, N. Y.
Justrite Mfg. Co. ("Justrite" Oily Waste), 2061 Southport av, Chicago, Ill.
Kaiser Mfg. Co., 245 Pearl, New York
Kelly Foundry & Machine Co., Goshen, Ind.
Keys-Davis Co. ("Lock-Tite," Oily), Battle Creek, Mich.
Koven L. O. & Bro. (Oily Waste), 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Kraft A. C. ("Nacefas" Oily Waste), 323 W Lake, Chicago, Ill.
Lock-Tite Mfg. Co., Battle Creek, Mich.
Manufacturers Can Co., 501 1st, Newark, N. J.
National Enameling & Stamping Co. (Oily Waste Paper, etc), 411 5th av, New York
National Fibre & Insulation Co., Yorklyn, Del.
National Marine Lamp Co. (Oily Waste), Forestville, Conn.
New Orleans Roofing & Metal Co. (Oily Waste), Cortez & Orleans, New Orleans, La.
North Star Ash Can Co. (Oily Waste), 167 Chrystie, New York
Ohio Corrugating Co., Warren, O.
Rex-Harris Fire Appliance Co., 39 E 19th, New York
Rochester Can Co. ("Iron Horse," Oily Waste), Rochester, N. Y.
Roseland Can & Specialty Co. (Oily Rag & Waste), Rockford, Ill.
Schlueter Mfg. Co., B'way & John av, St. Louis, Mo.
Sexton Can Co. ("Sexton's" Fireproof Oily Waste), 228 Franklin, Boston, Mass.
Standard Fibre Co. ("Fibre"), Miller St, Somerville, Mass.
Standard Stamping Co., B'way & Chambers, St. Louis, Mo.
Steel Basket Co. (Oily Waste), Cedar Rapids, Ia.
Stephenson C. H. (Stephenson Always Closed, Fireproof), Lynn, Mass.
Wall P. Mfg. Supply Co., 705 Preble av N S. Pittsburgh, Pa.
Walters Mfg. Co. (Steel Brazed), Fulton bldg, Pittsburgh, Pa.
Whitaker-Glessner Co., Wheeling Corrugating Dept. (Galvanized Waste), Wheeling, W. Va.
Wilcox Engineering Co. (Self-Closing for Kitchen Use), 1525 Holland av, Saginaw, Mich.
Wilson Andrew Co. (Oily Waste, Metallic), 616 Essex, Lawrence, Mass.
See adv index at end of book

Cans (Wood Jacket)

See Cans, Shipping, Wood Jacket

1880— Cant-Dogs

Peavey Mfg. Co. ("Peavy"), Bangor, Me.
Stevens C. P., Franklin, N. H.
Witham G. S. & Son, Caratunk, Me.

1880a— Canteens

Geuder, Paeschke & Frey Co., Milwaukee, Wis.
See adv index at end of book
Woolwine Metal Products Co. ("Bear Brand"), 8th & Santa Fe av, Los Angeles, Cal.

1881— Canteens (Army)

Campbell A. S. Co. ("Cello"), 284 Commercial, Boston, Mass.
Hemp & Co. ("Utility" Government), St. Louis, Mo.
National Enameling & Stamping Co., 411 5th av, New York
Troy Stamping Works, Troy, N. Y.
Warren J. M. & Co. (Soldiers'), Troy, N. Y.
Woolwine Metal Products Co., 8th & Santa Fe av, Los Angeles, Cal.

1882— Canteens (Miners')

Geuder, Paeschke & Frey Co., Milwaukee, Wis. *See adv index at end of book*
Hardsocg Mfg. Co. (Match Box Canteens), Ottumwa, Ia.
Peoria Can Co., Peoria, Ill.

1883— Cant Flippers (Steam)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Union Furnace Mfg. Co., Union Furnace, Pa.

1884— Canthooks

See also Tools, Logging & Lumberman's

American Logging Tool Co., Evart, Mich.
Atkins E. C. & Co., Indianapolis, Ind.
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Columbus Handle & Tool Co. ("Columbus"), Columbus, Ind.
Dicke Tool Co., Downers Grove, Ill.
Geriach Peter Co., 1712 Winter, Cleveland, Ohio
Keystone Drop Forge Co. (Drop Forged Steel), Chester, Pa.
Klein Mathias & Sons, 562 W Van Buren, Chicago, Ill.
Ransome-Leach Co., 115 B'way, New York
Peavey Mfg. Co. ("Peavey," with Dog Nose, etc), Bangor, Me.
Prouty C. & Co., Eldred, Pa.
Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill. *See adv index at end of book*
Standard Saw Mill Machinery Co., Erie, Pa.
Warren Axe & Tool Co., Warren, Pa.
Williams Mfg. Co., Macon, Ga.

1884a—Canvas (Waterproof)

STANLEY, WM. W. (Cotton, Duck & Canvas of All Kinds), 50 Church, New York

Capitals (Carved Wood)

See Carvers, Wood, Classic; also Columns, Porch, Etc.

1885— Capitals (Composition)

See also Ornaments, Composition

Architectural Decorating Co., 1600 S Jefferson, Chicago, Ill.
Decorators Supply Co. (Interior & Exterior), Archer av & Leo, Chicago, Ill.
Detroit Column & Mfg. Co., Holden & M C, Detroit, Mich.
Emmel Chas. & Rose Co. (Papier Mache Staff), 383 Albany, Boston, Mass.
Harnisch Ad. A., Syracuse, N. Y.
Hartmann-Malcolm Co., 847 N Troy, Chicago, Ill.
Plastic Relief Mfg. Co., 949 N Halsted, Chicago, Ill.
Spangler Frank Co., Toledo, O.

Capitals (Plaster)

See Ornaments, Plastic

1886-7—Cappers (Milk Bottle)

Abbott D. S. Co., Olean, N. Y.

1888—Caps (Automobile Radiator)

Atlantic Rubber Co., Linden, Boston, Mass.
Baumann Rubber Co., New Haven, Conn.
Davol Rubber Co., 69 Point, Providence, R. I.
Edelmann E. & Co., 341 E Ohio, Chicago Ill.
Goodrich B. F. Co., Akron, O.
Pouvailsmith Corp., Poughkeepsie, N. Y.

1889— Caps (Bathing)

Goodrich B. F. Co., Akron, O.
Parker-Stearns & Co., 286 Sheffield, Brooklyn, N. Y.
Rubber Products Co., Barberton, O.
Star Rubber Co. ("Nepto," "Luna," "Veno"), Akron, O.

1890— Caps (Blasting)

ATLAS POWDER CO., 10th & Market, Wilmington, Del.
Grasselli Powder Co. (Guardian bldg), Cleveland, O.
HERCULES POWDER CO. ("Hercules," "California"), Wilmington, Del.
See adv index at end of book

1891—Caps (Bottle & Flask)

See also Corks, Crown

Aluminum Container Corp., Fulton, N. Y.
American Bottle Cap Mfg. Co., 53 E Illinois, Chicago, Ill.
AMERICAN CAN CO., 120 Broadway, New York *See adv index at end of book*
Anchor Cap & Closure Corporation, 81 Prospect, Brooklyn, N. Y.
Ball Bros. Glass Mfg. Co. (Metal, Screw), Muncie, Ind.
Bernardin Bottle Cap Co. (Metal), Evansville, Ind.
Consolidated Fruit Jar Co. (Screw, etc), New Brunswick, N. J.
Crown Cap Mfg. Co., 201 37th, Brooklyn, N. Y.
Crown Cork & Seal Co., 1511 Guilford av, Baltimore, Md.
Estes E. B. & Sons (Wood), 364 5th av, New York
See adv index at end of book
Hazel Atlas Glass Co., Wheeling, W. Va.
Interstate Bottle Stopper Co., 168 39th, Brooklyn, N. Y.
National Metal Seal Corp., Portland, Me.
Phoenix-Hermetic Co., 3720 14th av, Brooklyn, N. Y.
Piqua Cap Co. (Milk Bottle), Piqua, O.
Ray Geo. A. Mfg. Co. (All Copper Nickel Plated), Buffalo, N. Y.
Sayford Paper Specialty Co. (Paper), Vineland, N. J.
Star Seal Co., 30 Church, New York
Tuttle Press Co., Appleton, Wis.
U. S. Metal Cap & Seal Co. ("Upressit" Metal), 107 W 13th, New York

1892— *Caps (Bronze)

GORHAM CO. ARCH'L BRONZE, 5th av & 36th, New York. Works: Providence, R. I. *See adv index at end of book*

1893— Caps (Chimney)

Adams Co., Dubuque, Ia.
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Chattanooga Roofing & Foundry Co. ("Ziegel's"), Chattanooga, Tenn.
EDWARDS MFG. CO. (Steel), 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Globe Ventilator Co. ("Globe," For Cars, Buildings, Factories, Power Houses, Boats, etc), Troy, N. Y.
Kramer Bros. Foundry Co. ("Gem" Adjustable Can Iron), Dayton, O.
Loetscher-Ryan Mfg. Co. (Adjustable Clamp, etc), Dubuque, Ia.
Munnsville Plow Co. (Cast Iron), Munnsville, N. Y.
National Mfg. Co. ("Best"), Sterling, Ill.
Republic Structural Iron Wks. Co., 1350 E 53rd, Cleveland, O.
Scott Roofing & Mfg. Co. (Steel), 408 Culvert, Cincinnati, O.
Standard Ventilator Co. (Revolving), Lewisburg, Pa.
Sterling Foundry Co. ("Best"), Sterling, Ill.

1894—Caps (Color, for Incandescent Bulbs)

Betts & Betts Corp., 513 W 42d, New York

1894a— Caps (Cork)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

1895—*Caps (Electric Blasting)

HERCULES POWDER CO. ("Victor," Delay), Wilmington, Del.
See adv index at end of book

1896— Caps (Fruit Jar)

AMERICAN CAN CO. ("Sanicap" for Mason Fruit Jars), 120 Broadway, New York *See adv index at end of book*
Ball Bros. Glass Mfg. Co. ("Boyd" Genuine), Muncie, Ind., & Wichita Falls, Texas
Bernardin Bottle Cap Co., Evansville, Ind.
Consolidated Fruit Jar Co., New Brunswick, N. J.
Hazel Atlas Glass Co., Wheeling, W. Va.
Kerr Glass Co., Sand Springs, Okla.
Mason Jar Glass Cap Co., Anderson, Ind.
National Metal Seal Corp., Portland, Me.

1897— Caps (Fuse)

Bliss-Chester Co. (Enclosed), 31 Mathewson, Providence, R. I.
Worcester Pressed Steel Co., Worcester, Mass.

Caps (Gun & Percussion)

See Ammunition Manufacturers

1898— Caps (Hitching Post)

Munnsville Plow Co., Munnsville, N. Y.
Wilcox, Crittenden & Co., Middletown, Conn.

1899— Caps (Hub)

ACKLIN STAMPING CO., 1659 Dorr, Toledo, O. *See adv index at end of book*
Bossert Corporation, The, Utica, N. Y.
See adv index at end of book
Bowen Products Corp., Auburn Div., 357 Canal, Auburn, N. Y.
Buffalo Pressed Steel Co., 800 Kensington, Buffalo, N. Y.
Crosby Co., 183 Pratt, Buffalo, N. Y.
Detroit Pressed Steel Co. (Pressed Steel), Detroit, Mich.
Gier Pressed Steel Co., Lansing, Mich.
Globe Machine & Stamping Co. (Drawn Steel), 1250 W 76th, Cleveland, O.
Hartford Machine Screw Co., Hartford, Conn.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Hayward S. F. & Co., 250 W 54th, New York
Imperial Brass Mfg. Co. (Aluminum & Brass), 524 S Racine av, Chicago, Ill.
See adv index at end of book
Ireland & Matthews Mfg. Co., Detroit, Mich.
Konigslow Otto Mfg. Co., 3506 Perkins av, Cleveland, O.
Matthews H. A. Mfg. Co., Seymour, Conn.
Murdock Reed Co., 127 Federal, Boston, Mass.
Schweppe & Wilt Mfg. Co., Detroit, Mich.
Torrey Roller Bushing Works, Bathe, Me.
Unique Findings & Supply Co., 36 Garnet, Providence, R. I.
Wiener-Barnet Co., 328 Adams, Newark, N. J.
Worcester Pressed Steel Co., Worcester, Mass.

1900—Caps (I-Beam & Plank)

Yost G. M. Mfg. Co. (Cast Steel for Protecting Steel Piling, etc., When Driving Into Ground), Meadville, Pa.

1901— Caps (Jelly Glass)

Hazel Atlas Glass Co. (Stamped Metal, Aluminum Zinc & Tin), Wheeling, W. Va.
National Metal Seal Corp., Portland, Me.
Ohio Lantern Co. (Tin), Tiffin, O.

1902— Caps (Milk Bottle)

Chicago Car Seal Co., 364 N Green, Chicago, Ill.
Crown Cork & Seal Co. ("Dacro"), 1511 Guilford av, Baltimore, Md.
Dairymen's Supply Co., 1919 Market, Phila., Pa.
Dorsey Mfg. Co. ("Dorsey" Milk Bottle Covers), 39 Pearl, Boston, Mass.
Duren & Co., 34 Summer, Boston, Mass.
Hagerstown Cap Co., Hagerstown, Md.
Ivor Glass Co., Columbus, O.
Pa Pro Co., Lowville, N. Y.
Piqua Cap Co., Piqua, O.
Spahr Mfg. Co. ("Helpmate" Tops), 1423 Vine, Phila., Pa.
Summers Wm. Co., Piqua, O.
Thatcher Mfg. Co., Elmira, N. Y.

1903— Caps. (Miners')

Dooley Bros. (Jobbers), 604 S Adams, Peoria, Ill.
Hardsocg Mfg. Co., Ottumwa, Ia.
Hardsocg Martin Co., 922 South av, Pittsburgh, Pa.
Jones T. R. Co. ("Black Diamond"), Wilkesbarre, Pa.
Perm Mfg. & Supply Co., Wilkes-Barre, Pa.

1904— Caps (Pile)

Vulcan Iron Works ("Casgrain," for Driving), 327 No Irving av, Chicago, Ill.

1905— Caps (Pipe)

Belcher & Loomis Hardware Co. ("Boss"), 89 Weybosset, Providence, R. I.
General Fire Extingusher Co., Providence, R. I.
Gillette-Vibber Co., New London, Conn.

Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
Jarecki Mfg. Co., Erie, Pa.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
LUNKENHEIMER CO. (Brass), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McRAE & ROBERTS CO. (Brass), 227 Campbell av, Detroit, Mich.
See adv index at end of book
Malleable Iron Fittings Co. (" M. I. F. Co."), Branford, Conn.
Newbury J. H., Goshen, N. Y.
Powell Wm. Co., Cincinnati, O.
Rockwood Sprinkler Co. ("Rockwood Pressed Steel"), Worcester, Mass.

Caps (Pole)

See Straps, Pole

1906— Caps (Roofing, Tin)

AMERICAN CAN CO., 120 Broadway, New York
See adv index at end of book
Ammidon & Co., 31 S Frederick, Baltimore, Md.
Barrett Co., 17 Battery pl, New York
Carey Philip Mfg. Co. ("Carey"), 330 Wayne av, Lockland, Cincinnati, O.
Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
Consolidated Fruit Jar Co., New Brunswick, N. J.
Franklinville Canning Co., Franklinville, N. Y.
Grammes L. F. & Sons, Allentown, Pa.
Horan Stay Hanger Co. (Also Galvanized), 1932 W Jefferson, Louisville, Ky.
Humphrey H. W., Unionville, Conn.
Igoe Bros., 69 Metropolitan av, Brooklyn, N. Y., & Newark, N. J.
Merwin Mfg. Co. (Galvanized), Erie, Pa.
National Can Co., Detroit, Mich.
National Enameling & Stamping Co., 411 5th av, New York
Robertson W. F. Steel & Iron Co., Elm & Commerce, Cincinnati, O.
Waterloo Mfg. Co. (Galv.), Waterloo, Ia.
Whitaker-Glessner Co., Wheeling Corrugating Dept., Wheeling, W. Va.

1907— Caps (Screw)

Aluminum Container Corp. (Aluminum), Fulton, N. Y.
Aluminum Goods Mfg. Co. (Aluminum), Manitowoc, Wis.
AMERICAN CAN CO., 120 Broadway, New York. *See adv index at end of book*
Ball Bros. Glass Mfg. Co. (Bottle & Can, Metal), Muncie, Ind.
Bernardin Bottle Cap Co. (Retinned Bottle Screw Caps), Evansville, Ind.
Columbia Specialty Co., 1508 E Fayette, Baltimore, Md.
Delphos Mfg. Co., 1st & Pierce, Delphos, O.
Eagle Glass & Mfg. Co., Wellsburg, W. Va.
Franklinville Canning Co., Franklinville, N. Y.
Hero Mfg. Co. (Aluminum), Gaul & Adams, Phila., Pa.
Keystone Lantern Co., Tacony & Cottman, Phila., Pa.
St. Louis Paper Can & Tube Corporation (Tin), St. Louis, Mo.

1908— Caps (Ventilating)

Hammann Wm. (Automatic Double Cone), 1057 5th, Milwaukee, Wis.
Hoffmann & Baur ("Columbia"), 279 Lake, Milwaukee, Wis.
Miller Foundry & Specialty Co. ("Climax," "Tip Top"), N Tonawanda, N. Y.
Walker Sheet Metal Co., Council Bluffs, Ia.
Wolverine Brass Works, Grand Rapids, Mich.

1909— *Caps (Waterproof)

HERCULES POWDER CO. (Blasting), Wilmington, Del.
See adv index at end of book

910— Caps (Wooden)

Estes E. B. & Sons (Corks, Bottles, Can Sprouts, etc), 364 5th av, New York
See adv index at end of book
Gravely B. F. & R. R. (For Steel Pins), Martinsville, Va.

1910a— Capsicum

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

1911— Capstans

American Engineering Co. (Steam & Electric), Aramingo av & Cumberland, Phila., Pa.
Am. District Steam Co., North Tonawanda, N. Y.
Chase Machine Co. (Steam), Cleveland, O.
Dake Engine Co., Grand Haven, Mich.
Edson Mfg. Co. ("Edson" Hand Power), 257 Atlantic av, Boston, Mass.
Flory S. Mfg. Co. (Steam or Electric), Bangor, Pa.
Hyde Windlass Co. (Electric), Bath, Me.
La Plant-Choate Mfg. Co. (Horse Power), Cedar Rapids, Ia.
Long E. G. Co., 50 Church, New York
Marine Iron Works, 2036 Dominick, Chicago, Ill.
Russell Albert & Sons, Newburyport, Mass.
Swenson Grubber Co. (House Moving, etc), Cresco, Ia.
Thatcher Geo. H. & Co., Albany, N. Y.
Wilcox, Crittenden & Co. ("Victor" & "Navy"), Middletown, Conn.
Woodstock Mfg. Co. (Wooden), Charleston, S. C.

1912—Capstans (Cable Pulling)

Hallett Iron Works, Harvey, Ill.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Swenson Grubber Co., Cresco, Ia.

Car Builders

See Cars of Various Kinds

1913—Car Builders' Earthenware

Bellmark Co., Trenton, N. J.

1914— Car Ceilings

Frost's Veneer Seating Co., Ltd., Sheboygan, Wis.
N. Y. Veneer Seating Co., 171 Pacific av, Jersey City, N. J.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Van Dyck Panel Mfg. Co. (Wood & Pulp), Bound Brook, N. J.
Vulcanized Products Co. ("Gohmak" Wood Pulp), Muskegon, Mich.
Wallace Supplies Mfg. Co., 412 Orleans, Chicago, Ill.

1915—Car Chutes (Unloading)

Littleford Bros., 444 E. Pearl, Cincinnati, O.
Quick Unloading Car Chute Co., Birmingham, Ala.
Southern Foundry Co. (Quick Unloading of Coal, Broken Stone, etc), Owensboro, Ky.

1916—Car Curtains & Materials

ATLANTA TENT, AWNING & MFG. CO., Atlanta, Ga.
Boyle Jno. & Co. (Cotton Duck & Curtain Stripe), 112 Duane, New York
Brill J. G. Co., 62d & Woodland av, Phila., Pa.
Chase L. C. & Co., 89 Franklin, Boston, Mass. *See adv index at end of book*
Curtain Supply Co., 320 W Ohio, Chicago, Ill.
Dayton Mfg. Co., Dayton, O.
Lewis Robt. Co., Richmond & Brill, Phila., Pa.
National Lock Washer Co. (Complete Curtains & Fixtures), 65 Johnson, Newark, N. J.
Pantasote Co., 11 B'way, New York
Railway Supply & Curtain Co. (Car Curtains & Fixtures), 618 S Canal, Chicago, Ill.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Sillcocks-Miller Co. ("Texodren" Car Shades), S Orange, N. J.
ZAPON LEATHER CLOTH CO. (Formerly Boston Artificial Leather Co.), 200 Fifth av, New York

1917— Car Doors & Fittings

See also Doors, Grain

Acme Supply Co. ("Anti-Pinch"), 28 E Jackson blvd, Chicago, Ill.
Brill J. G. Co., 62d & Woodland, Philadelphia, Pa.
Camel Co. (Security), 332 S Michigan av, Chicago, Ill.
Chicago Car Door Co., McCormick bldg, Chicago, Ill.
DAHLSTROM METALLIC DOOR CO. (Fireproof Steel Car Doors), 35 Blackstone av, Jamestown, N. Y., & Consolidated Gas bldg, New York
See adv index at end of book
Edwards O. M. Co. (Extension Platform Trap Doors), Syracuse, N. Y.
Jones Car Door Co. ("Jones," "Jones Peerless," "Smith"), Monadnock blk, Chicago, Ill.
Nat'l Pneumatic Co., 50 Church, New York
Pitt Car Gate Co. (Gibbs Vestibule Door Operating Devices), 221 W 26th, New York
Pressed Steel Car Co. (Tank, Car Fittings, Box & Stock Car Doors), 307 5th av, Pittsburgh, Pa.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Sherburne & Co. (Car Door Holders, etc), 53 Oliver, Boston, Mass.
Wallace Supplies Mfg. Co. ("Duplex" Ball Bearing Fixtures for Double Car Doors), 412 Orleans, Chicago, Ill.
Western Railway Equipment Co. ("St. Louis" & "Western," Flush; "Hoerr" & "Missouri," Interchangeable), Central Nat'l Bk bldg, St. Louis, Mo.
Western Steel Car & Foundry Co. (Tank Car Fittings, Box & Stock Car Doors), 37 W Van Buren, Chicago, Ill.

1918— Car Dumpers

BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
Brown Hoisting Machinery Co., 4403 St. Clair av, N E, Cleveland, O.
Browning Co., E 162d & Waterloo rd, N E, Cleveland, O.
LINK-BELT Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
McMyler-Interstate Co., Bedford, O.
Wellman-Seaver-Morgan Co. ("Hulett"), Cleveland, O.

1919—Car Fenders & Wheel Guards

Baltimore Car-Wheel Co. ("Blackstone"), Fulton Station, Baltimore, Md.
Brill J. G. Co., 62nd & Woodland av, Phila., Pa.
Cleveland Fare Box Co. ("Cleveland"), 5318 St. Clair av, Cleveland, O.
Consolidated Car Fender Co. ("Providence," Fender & Wheel Guard), Vale, Providence, R. I.
Eclipse Railway Supply Co. ("Eclipse," Life Guard), 4824 Pagne av, Cleveland, Ohio
Lord Mfg. Co., 105 W 40th, New York
McGuire-Cummings Mfg. Co. ("Royal Flush" Fender), Harris Trust & Savings bldg, Chicago, Ill.
Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
Parmenter Fender & Wheel Guard Co. ("Parmenter," Fender & Wheel Guard), 89 State, Boston, Mass.
Root Spring Scraper Co., Kalamazoo, Mich.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Snow Wire Works Co., Rochester, N. Y.
Trolley Supply Co. (Detachable), Canton, O.

1920— Car Gates & Guards

Brill J. G. Co., 62nd & Woodland av, Phila., Pa.
Jewett Car Co. ("Jewett"), Newark, O.
Inglis Wm. Wire & Iron Wks., 61 Woodbridge, Detroit, Mich.
Pitt Car Gate Co., 219 W 26th, New York
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

1921— Car Lighting Apparatus

A. G. A. Railway Light & Signal Co., Elizabeth, N. J.

CAR LIGHTING APPARATUS—continued

Consolidated Ry. Elec. Lighting & Equipment Co., 61 B'way, New York
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Gold Car Heating & Lighting Co. (Acetylene, etc), 17 Battery pl, New York
Gould Coupler Co. (Electric Axle Light, etc), 30 E 42nd, New York
Safety Car Heating & Lighting Co. ("Pintsch" Light & Electric), 2 Rector, New York
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
United States Light & Heat. Corp. ("U. S. L." Electric System), Niagara Falls, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

1922— *Car Lining

UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane blvd, Buffalo, N. Y. *See adv index at end of book*

1923—Car Movers or Pushers

See also Bars, Pinch

Aldon Co. ("Sheldon") 3338 W Ravenswood av, Chicago, Ill.
Appleton Car Mover Co. ("Atlas"), Appleton, Wis.
Stanley Rule & Level Co. (Atha Div.), New Britain, Conn.
Atkins E. C. & Co. ("Atkins A. A. A."), Indianapolis, Ind.
Atlas Railway Supply Co. ("Atlas"), 431 S Dearborn, Chicago, Ill.
Fairmont Mining Mach. Co., Fairmont, W. Va.
Handlan-Buck Mfg. Co. ("Victor"), 210-14 N 3rd, St. Louis Mo.
Hercules Car Mover Co., 860 Clark, Appleton, Wis.
Hilts Wrench & Mfg. Co. ("Never-Slip"), Richford, N. Y.
Industrial Supply & Equipment Co., 407 Sanson, Phila., Pa.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Marseilles Co. ("Sanson," "Hercules," Power Car Pullers), East Moline, Ill.
Michigan Truck & Lumber Co., Holly, Mich.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Ransome-Leach Co. ("Badger," "Never Slip"), 115 B'way, New York
Rowell G. D. & Son, Appleton, Wis.
Stafford E. H. Mfg. Co. ("Easy"), 218 S Wabash av, Chicago, Ill.
Stephens-Adamson Mfg. Co. ("Sheldon"), Aurora, Ill.
Verona Tool Works (Car Pushers or Locomotive Pinch Bars), Oliver bldg, Pittsburgh. Pa.
Webster Mfg. Co. ("Sheldon"), Tiffin, O.
Zelnicker Walter A. Supply Co. ("Zelnicker," Double Clutch Car Mover), 325 Locust, St. Louis, Mo.

1924—Car Parts (Of Every Description)

American Car & Foundry Co., Syndicate Trust bldg, S. Louis, Mo.

1925— Car Plush

Chase L. C. & Co. ("Goat Brand" Mohair Velvets), 89 Franklin, Boston, Mass. *See adv index at end of book*
Collins & Aikman Co., 4675 Nixon, Phila., Pa.
Goff D. & Sons (Mohair), Pawtucket, R. I.
Massachusetts Mohair Plush Co. (Mohair), 200 Devonshire, Boston, Mass.
Sanford Mills, Sanford, Me.

Car Pushers

See Car Movers or Pushers

1926— *Car Repair Work

ERIE CAR WORKS, 1150 W 17th, Erie, Pa.

1927— *Car Seats

DAHLSTROM METALLIC DOOR CO. (Pressed Steel Seat Ends), 35 Blackstone av, Jamestown, N. Y. *See adv index at end of book*

1928—Car Seats, Chairs & Fittings

American Seating Co., 14 E Jackson blvd, Chicago, Ill.
Barney & Smith Car Co. (Seating, etc), Dayton, O.
Dayton Mfg. Co., Dayton, O.
Hale & Kilburn Co. ("Walkover"), 1800 Lehigh av, Phila., Pa.
Heywood Bros. & Wakefield Co. (Seats, etc.), Gardner, Mass.
Jewett Car Co. (Fittings Only), Newark, O.
New York Veneer Seating Co. (Veneered Seats & Chairs), 171 Pacific av, Jersey City, N. J.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Southern Seating & Cabinet Co. (Station Seats Only), Jackson, Tenn.

1929— Car Steps & Treads

See also Stair Treads

For Rubber Treads, See Mats & Matting Rubber

Acme Supply Co. ("Kass"), 28 E Jackson blvd, Chicago, Ill.
American Mason Safety Tread Co. ("Mason" & "Stanwood"), Lowell, Mass.
Blake Car Step Works ("Blake" Extension), Charlotte, N. C.
Jewett Car Co. (Car Steps Only), Newark, O.
Universal Safety Tread Co., Waltham, Mass.

1930— Car Trimmings

See also Car Curtains & Materials

Adams & Westlake Co. (Metal Coach), 319 W Ontario, Chicago, Ill.
Brill J. G. Co., 62d & Woodland av, Phila., Pa
Columbia Machine Works & Malleable Iron Co. (Metal), Atlantic av & Chestnut, Brooklyn, N. Y.
Creamer W. G. & Co. (Also Trolley Car Trimmings), 96 John, New York
Curtain Supply Co., 320 W Ohio, Chicago, Ill.
Delaware Marine Mfg. Co. (Brass & Bronze), B. & O. R. R. & Conrd., Wilmington, Del.
Dayton Mfg. Co. (Brass & Bronze), Dayton, O.
Edwards O. M. Co., Syracuse, N. Y.
Halstead & Co. (Brass), 1129 Cherry, Phila., Pa.
Handlan-Buck Mfg. Co., 210-14 N 3rd, St. Louis, Mo.
Howard Jas. L. & Co. (Metal), Hartford, Conn.
International Register Co., 15 Throop, Chicago, Ill.
Ives H. B. Co., New Haven, Conn.
Jewett Car Co. (Brass & Bronze), Newark, O.
Johnson Bronze Co. (Brass & Bronze), New Castle, Pa.
Loeffelholz Co. (Brass), Milwaukee, Wis.
Midland Metal Co. (Brass & Bronze), 21st & Jefferson, Phila., Pa.
St. Louis Car Co., 8000 N. B'way, St. Louis, Mo.
Scullin Steel Co. (Cast Steel for Freight Cars), 6700 Manchester av, St. Louis, Mo.
Sherburne & Co., 53 Oliver, Boston, Mass.
Wallace Supplies Mfg. Co., 412 Orleans, Chicago, Ill.

1931—Car Truck Side Frames

Bettendorf Co. (Cast Steel for Freight Cars), Bettendorf, Ia.
Brill J. G. Co., 62d & Woodland, Phila., Pa.
St. Louis Car Co., 8000 N. B'way, St. Louis, Mo.

1932—Car Truck & Body Bolsters

American Bridge Co. (Car Bolsters), 30 Church, New York
American Car & Foundry Co., Syndicate Tr. bldg, St. Louis, Mo.
American Steel Foundries (Open Hearth Cast Steel), McCormick bldg., Chicago, Ill.

Hendricks' Commercial Register

is not a Catalog of Advertisers alone, but a Complete Register of the manufacturers and jobbers in every line of trade that comes within the scope of the work.

Bettendorf Co. (Trucks & Cast Steel Bolsters), Bettendorf, Ia.
Brill J. G. Co., 62d & Woodland, Phila., Pa.
Buckeye Steel Castings Co. (Cast Steel), Columbus, O.
Chicago Railway Equipment Co. ("Monitor"), 1928 W 46th, Chicago, Ill.
Commonwealth Steel Co. (Cast Steel), Pierce bldg., St. Louis, Mo.
Gould Coupler Co., 30 E 42nd, New York
Jewett Car Co., Newark, O.
Pittsburgh Steel Foundry (Open Hearth Steel, Car Bolsters), House bldg, Pittsburgh, Pa.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
St. Louis Car Co., 8000 N. B'way, St. Louis, Mo.
Scullin Steel Co. (Cast Steel), 6700 Manchester av, St. Louis, Mo.
Standard Steel Car Co., A. V. R. R., Pittsburgh, Pa.
Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

1933— Car Window Fixtures

Brill J. G. Co., 62d & Woodland, Phila., Pa.
Edwards O. M. Co. ("Paownyc"), Syracuse, N. Y.
Ives H. B. Co., New Haven, Conn.
McCord Mfg. Co. ("Universal"), Detroit, Mich.

1934—Car Window Washers (Electric Portable)

1935—Carbanese (Iron Purifier)

Midvale Mining & Mfg. Co., Central Nat'l Bk. bldg, St. Louis, Mo.

Carbide Mfrs.

See Calcium Carbide

1936—*Carbolineum Importers

Carbolineum Importing Co., 76 Wall, New York
Northeastern Co., 6 Beacon, Boston, Mass.

1937— Carbon Bi-Sulphide

C. P. N. CHEMICAL CO., INC., 78 Reade New York, & 231 W Huron, Chicago Ill.
Fuerst Bros. & Co. (Imported), 2 Stone New York
Harshaw, Fuller & Goodwin Co., Cleveland New York & Philadelphia
Katzenbach & Bullock Co., 100 William New York
National Aniline & Chemical Co., Inc., 2 Burling sl, New York
National Gum & Mica Co., 59th & 11th av New York

Scheel Wm. H. (Imported), 159 Maiden la, New York
Speaight Geo. W., 248 N 10th, Brooklyn, N. Y.
Taylor Edw. R. Co. (In Drums), Penn Yan, N. Y.
Warda John C. & Co. (Also Prepared), 273 Greene, Brooklyn, N. Y.
Wheeler, Reynolds & Stauffer, 624 California, San Francisco, Cal.

1937a—Carbon (Black Diamonds & Bortz)

Atkins, Kroll & Co., 311 California, San Francisco, Cal.
Bandler Bernard & Sons (For Diamond Drills & All Mechanical Purposes), 220 5th av, New York
Baszanger Co. (Also Rough Diamonds), 65 Nassau, New York
Byron & Hall, 116 Broad, New York
Crafts Arthur A., 125 Summer, Boston, Mass.
Dessau D., 180 B'way, New York
Dessau Maurice S. (For Mechanical Purposes), 6 Maiden la, New York
Dessau's S. Son (For All Mechanical Purposes), 180 B'way, New York
See adv index at end of book

Est. 1875
CARBON (Black Diamonds) & BORTZ
For Diamond Drills and All Mechanical Purposes
S. DESSAU'S SON
180 Broadway New York

Diamond Drill Carbon Co., 63 Park row, New York
Dickinson Thos. L., 64 Nassau, New York
Ehrmann & Bahlsen, 2 Maiden la, New York
Francis & Co., Hartford, Conn.
Levine Abram, 35 Nassau, New York
Mendes Cutting Factories, 14 John, New York
Meyers Willard F. Machine Co. (Or African Diamonds), 614 Hamilton, Astoria, N. Y.
Rose S., 23 Maiden lane, New York
Rose S. Co., 12 John, New York
Stern Bros. & Co., 136 W 52d, New York
Wheel Truing Tool Co., Detroit, Mich.

1938— Carbon Black Mfrs.

Binney & Smith Co. (& Blacks of Every Description), 81 Fulton, New York
Cabot Godrey L., Old South bldg, Boston, Mass.
Columbian Carbon Co., Weston, W. Va.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Hyde Carbon Black Co., Ridgway, Pa.
Imperial Oil & Gas Products Co., Harrisville, W. Va.
Martin L. Co. ("Sunset," "New Century"), 81 Fulton, New York
Morrill Geo. H. Co., Norwood, Mass.
Osborn C. J. Co., 132 Nassau, New York
Peerless Carbon Black Co., 1st National Bank bldg, Pittsburgh, Pa.
Rock Run Carbon Co., Warren, O.
Scheel Wm. H. (Imported), 159 Maiden la, New York
Seaver & Co., 120 Milk, Boston, Mass.
Smith J. Lee & Co., 19 Jacob, New York
Southern Carbon Co., Warren, O.
Weston Carbon Co., Warren, Pa.

1938a—Carbon Brushes (Self Lubricating)

LE VALLEY VITAE CARBON BRUSH CO., 521 W 23rd, New York
See adv index at end of book

938b—Carbon (Decolorizing and Deodorizing)

ndustrial Chemical Co. ("Filtchar & Superfilchar"), 200 5th av, New York
inney & Smith Co., 81 Fulton, New York

1938c—Carbon (Gas Retort)

Brockton Gas Light Co., Brockton, Mass.
Buffalo Gas Co., Buffalo, N. Y.
Calhoun Gas Co., Battle Creek, Mich.
Derby Gas Co., Derby, Conn.

1939— Carbon Mfrs.

Acheson Graphite Co. (Pure), Niagara Falls, N. Y.
Corliss Carbon Co., Bradford, Pa.
Elk Graphite Milling Co., St. Marys, Pa.
National Carbon Co., Madison av, N W, & W 117th, Cleveland, Ohio

1940—Carbon (Manganese Dioxide)

Gilchrist Robt. Co. (Ground), Elizabeth, N. J.

1941— Carbon Removers

Adams & Elting Co. ("Ad-el-ite"), 726 Washington blvd, Chicago, Ill.
Ansonia Mfg. Co., Ansonia, Conn.
Beckley-Ralston Co. ("Carbosolvent"), 1801 S Michigan av, Chicago, Ill.
Bishop-Babcock-Becker Co. ("Eureka" Oxygen Decarbonizing Device), Cleveland, O.
Chicago Automobile Supply House ("Chicago" Liquid), 1351 S Michigan av, Chicago, Ill.
Detroit White Lead Works ("Rogers"), Detroit, Mich.
Diamond Specialty Co. ("Diamond"), Indianapolis, Ind.
Dyer G. H. Co., Cambridge, Mass.
Economy Welding Machine Co., Kansas City, Mo.
Gibson Co., 424 N Capitol blvd, Indianapolis, Ind.
Hall-Thompson Co. ("Wonder Worker" & "Magic Decarbonizer"), Hartford, Conn.
Harvey Chemical Co. ("Harvey" Chemical), Lafayette, Ind.
Johnson S. C. & Son, Racine, Wis.
Lakewood Chemical Co. ("Autopower"), Schofield bldg, Cleveland, O.
Linde Air Products Co., 42d St Bldg, New York. *See adv index at end of book*
Michener E. S., 80 E Washington, New Castle, Pa.
Milwaukee Auto Specialty Co. ("Decarbonizer," "Masco," "Liquid"), 711 Chestnut, Milwaukee, Wis.
Motor Car Supply Co. ("M. S. C."), 1453 Michigan av, Chicago, Ill.
Northwestern Chemical Co. ("Carbonox"), Marietta, O.
Panama Oil & Grease Co. ("Wheatley"), 159 W 51st, New York
Prest-o-Lite Co. ("Prest-o"), Indianapolis, Ind.
Standard Varnish Works ("Kwickwork"), 90 West, New York
Thomas Carbon Remover Co., 15 Railroad, Cortland, N. Y.
Van Tilburg Oil Co. ("Car-Bon-Go"), 2428 University av S E, Minneapolis, Minn.
Worko Co., Racine, Wis.

1942-9— Carbon Tetrachloride

C. P. N. CHEMICAL CO., INC., 78 Reade, New York, & 231 W Huron, Chicago, Ill.
Dow Chemical Co., Midland, Mich.
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Katzenbach & Bullock Co., 100 William, New York
Klipstein A. & Co. (Imp.), 644 Greenwich, New York
National Aniline & Chemical Co., 21 Burling sl, New York
Niagara Alkali Company, Niagara Falls, N. Y.
Roessler & Hasslacher Chemical Co., 100 William, New York
Speaight Geo. W., 248 N 10th, Brooklyn, N. Y.
Warner Chemical Co. (Non-Inflammable Solvent), 52 Vanderbilt av, New York

Carbonate of Ammonia

See Ammonium Carbonate

Carbonate of Barytes

See Barium Carbonate

Carbonate of Copper

See Copper Carbonate

Carbonate of Iron

See Iron Carbonate

Carbonate of Lime

See Lime Carbonate

Carbonate of Magnesium

See Magnesium Carbonate

Carbonate of Nickel

See Nickel Carbonate

1950— Carbonate of Potash

Alexander G. S. & Co., Inc. (Brokers), 61 B'way, New York
See adv index at end of book
Bird J. A. & W. & Co. (Imp. "Bull's Head" Brand), 88 Pearl, Boston, Mass.
C. P. N. CHEMICAL CO., INC., 78 Reade, New York, & 231 W Huron, Chicago, Ill.
Harshaw, Fuller & Goodwin (Imported), Cleveland, New York & Philadelphia
INNES, SPEIDEN & CO., INC. (Calcined, All Tests), 46 Cliff, New York
See adv index at end of book
Peters, White & Co. (Importers), 55 John, New York
Roessler & Hasslacher Chemical Co., 100 William, New York
Takamine Laboratory, Inc. (Imp), 120 B'way, New York
Wiarda Jno. C. & Co., 273 Greene, Brooklyn, N. Y.

Carbonate of Soda

See Sal-Soda

1951—Carbonation or Saturation Plants

Dyer Co., Cleveland, O.
Kilby Mfg. Co., Cleveland, O.

1952— Carbonators

American Soda Fountain Co., 282 Congress, Boston, Mass.
Bastian-Blessing Co., 125 W Austin av, Chicago, Ill.
Bishop-Babcock-Becker Co. ("Eureka," "Champion" Electric, Hydraulic, etc), Cleveland, O.
Federal Brass Works, 3100 S Kedzie, Chicago, Ill.
Liquid Carbonic Co., 3100 S Kedzie av, Chicago, Ill.
McCahill Soda Fountain Co., 407 W 59th, New York
Pacific Carbonator Co., 133 W 24th, New York
Twitchell S. Co. ("Washington," "President"), 223 Vine, Phila., Pa.

1953-4— Carbonizing

American Metal Treatment Co., Elizabeth, N. J.
Century Steel Co. of Am., Poughkeepsie, N. Y.
Kohler Die & Specialty Co., De Kalb, Ill.
Meisel Press Mfg. Co. (Steel), 942 Dorchester av, Boston, Mass.
Reliance Engineering Co., Lansing, Mich.
Sterling Drop Forge Works, 112 N La Salle, Chicago, Ill.
Vincent Steel Process Co., 751 Bellevue av, Detroit, Mich.

Carbonizing (Steel)

See Carbonizing

1955— Carbons (Arc Light)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Kandem Electric Co. (Imp), 152 Chambers, New York
Kiewert Chas. L. Co. ("Siemens," Importers), 114 Huron, Milwaukee, Wis.
National Carbon Co. ("Columbia," "Headlight," "Silvertip," "National & White Projector," "Regenerative Flaming," "Silvertip Flame"), Madison av, N. W., & W 117th, Cleveland, O.
Reisinger Hugo ("Excello" Flaming Arc, "Electra," Importers), 11 B'way, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

1956-7— Carbons (Battery)

American Carbon & Battery Co., East St. Louis, Ill.
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
National Carbon Co. (Cylinders, Pencils, Plates), Madison av N. W. & W. 117th, Cleveland, O.
Speer Carbon Co., St. Marys, Pa.
Stackpole Carbon Co., St. Marys, Pa.
Universal Carbon Co., Dundee, Ill.

Carbons (Crucible)

See Carbon Mfrs.

1958— Carbons (Searchlight)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
National Carbon Co., Madison av, N. W. & W 117th, Cleveland, O.

Carbons (Welding)

See Carbon Mfrs.

Carborizing

See Compounds, Case Hardening & Tempering

1958a—* Carborundum Brick

DIDIER-MARCH CO. ("Silcar"), Perth Amboy, N. J.

Carboys

See Stoneware, Chemical

1959— Carboys (Glass)

American Bottle Co., 38 S Dearborn, Chicago, Ill.
Bottlers' & Mfrs. Supply Co., 218 E 37th, New York
Gayner Glass Works, Salem, N. J.
Hawley Glass Co., Hawley, Pa.
Illinois Glass Co., Alton, Ill.
North Baltimore Bottle & Glass Co., Terre Haute, Ind.
Pacific Coast Glass Works, 7th & Irwin, San Francisco, Cal.
Reading Glass Works, Reading, Pa.
Whitall Tatum Co., 410 Race, Phila., Pa.

1960— Carbureters

Acme Carbureter & Mfg. Co., Dayton, O.
Air Friction Carbureter Co., Dayton, O.
Allen Fire Dept. Supply Co., 159 Aborn, Providence, R. I.
Beckley-Ralston Co., 1801 S Michigan av, Chicago, Ill.
Breeze Carburetor Co. (Kerosene & Gasoline), 250 South, Newark, N. J.
Brennan Motor Mfg. Co., Syracuse, N. Y.
Byrne Kingston & Co. ("Kingston"), Kokomo, Ind.
Camden Anchor-Rockland Mach. Co. ("Knox"), Camden, Me.
Carter Carbureter Co., 2840 N Spring, St. Louis, Mo.
Col-Mac Co. ("Col-Mac"), 250 South, Newark, N. J.
Detroit Lubricator Co. ("Stewart"), Detroit, Mich.
Detroit Motor Castings Co. ("B-D"), 299 Beaufait, Detroit, Mich.
Dow Mfg. Co. ("Methot"), Braintree, Mass.
Essex Brass Foundry Co., Cambridge, Mass.
Findeisen & Kropf Mfg. Co. ("Rayfield"), 2559 W 21st, Chicago, Ill.
Folberth Auto Specialty Co., 7914 Lake av, Cleveland, O.
Fowler Lamp & Mfg. Co. ("Vortex"), 59 E 24th, Chicago, Ill.
Franklin Oil & Gas Co. ("Franklin"), Bedford, O.
Gardner Carburetor & Brass Works ("Gardner Visible"), Shreveport, La.
Generator Valve Co. ("Acorn," "Eclipse"), 47 Dinsmore pl, Brooklyn, N. Y.
Gilbert Mfg. Co. ("Bowers"), New Haven, Conn.
H. & N. Carburetor Co. ("H. & N"), 1675 B'way, New York
Hawthorne Mfg. Co. ("Hawthorne"), Bridgeport, Conn.
Holley Carburetor Co. ("Hollery"), 145 Willis av, E. Detroit, Mich.
Holtzer-Cabot Electric Co. ("Newcomb"), 125 Amory, Boston, Mass.
Hoyt Electric Instrument Works ("Lovejoy"), Penacock, N. H.
Hoyt Fred C., Boston, Mass.
K. B. C. Co., 2015 Michigan av, Chicago, Ill.
K. D. Carburetor Co., 5915 Banna av, Cleveland, O.
K.-W. Ignition Co., Chester av & E 30th, Cleveland, O.
Lingo Co., Winthrop Harbor, Ill.
Loeffelholz Co. (Kerosene & Gasoline), 170 Clinton, Milwaukee, Wis.
Lucas-Wallace Mfg. Co. ("Wallace"), Paducah, Ky.
McCord Mfg. Co. ("McCord"), Detroit, Mich.
McKeen Motor Car Co., Omaha, Neb.
Marvel Carburetor Co. ("Marvel"), Flint, Mich.
Maxi Co. ("Maxi"), 115 B'way, New York
Mayer Carburetor Co., 2673 Main, Buffalo, N. Y.
Mechanical & Electrical Mfg. Co., 2227 Prairie av, Chicago, Ill.
Michigan Lubricator Co., Detroit, Mich.
Milwaukee Auto Engine & Supply Co. ("Milwaukee"), 708 Winnebago, Milwaukee, Wis.
Milwaukee Auto Specialty Co. ("Milwaukee"), 711 Chestnut, Milwaukee, Wis.
Monarch Valve Co., 112 Front, Brooklyn, N. Y.
Mosler A. R. & Co. ("M. & B."), Mt. Vernon, N. Y.
Motsinger Device Mfg. Co., Lafayette, Ind.
Mutual Mfg. Co. ("Duplex"), Rudd, Ia.
National Equipment Co. ("Tom Thumb" Gasoline & Kerosene), 123 Racine av, Chicago, Ill. *See adv index at end of book*
Nelson Tool Co., Inc. ("Stokes"), 782 E 142d, New York
See adv index at end of book
Noonan A. S. Tool & Machine Wks., Rome, N. Y.
P. R. Mfg. Co. ("Zephyr"), Detroit, Mich.
Schlosser Mfg. Co., 151 E 126th, New York
Schoen-Jackson Co. ("Feps"), Media, Pa.
Simms Magneto Co., East Orange, N. J.
Shakespeare Co. ("Shakespeare"), Kalamazoo, Mich.
Stromberg Motor Devices Co. ("Stromberg"), 64 E 25th, Chicago, Ill.
Sunderman Corp. ("Sunderman"), Newburgh, N. Y.
Tillotson Mfg. Co. ("Tillotson"), Toledo, O.
Trenton Brass & Machine Co. ("Fletcher," Locomotive Type), Trenton, N. J.
Triumph Motor Car Co., 3308 Sheffield av, Chicago, Ill.
Vincennes Motor Mfg. Co. ("Hunters"), Vincennes, Ind.
Wheeler-Schebler Carburetor Co. ("Schebler"), Indianapolis, Ind.
Wilcox-Bennett Carburetor Co. ("Bennett"), 1030 Marshall, Minneapolis, Minn.
Winkley Co. ("Garillus"), Detroit, Mich.
Zenith Carburetor Co., ft Hart av, Detroit, Mich.

1961— Cardboard

See also Box Board Mfrs.

Agar C. A. & Co. (Mounters), 167 41st, Brooklyn, N. Y.
Amboy Paper Co. (Bristle), Bridgeport, Pa.
Am. Coating Mills, Elkhart, Ind.
American Luminous Products Co. ("Radio"), Watts, Los Angeles, Cal.
American Wood Board Co., Schuylerville, N. Y.
American Writing Paper Co., Holyoke, Mass.
Blandy Paper Co., Schuylerville, N. Y.
Brown E. M. Paper Co., Rock City Falls, N. Y.
Champion Coated Paper Co., Hamilton, O.
Chicago Mat Board Co., 664 Washington blvd, Chicago, Ill.
Columbian Paper Co., Buena Vista, Va.
Contoocook Valley Paper Co., West Henniker, N. H.
Crocker, Burbank & Co., Fitchburg, Mass
Fitchburg Paper Co., Fitchburg, Mass.
Garrett C. S. & Son Co., 20 S Marshall, Phila., Pa.
Hampden Glazed Paper & Card Co., Holyoke, Mass.
International Paper Co., 30 Broad, New York
Kalamazoo Paper Co., Kalamazoo, Mich.
Monarch Paper Co., Kalamazoo, Mich.
Riverview Coated Paper Co., Kalamazoo, Mich.
Standard Paper Mfg. Co. (Coated), Richmond, Va. *See adv index at end of book*
Tileston & Hollingsworth Co., 49 Federal, Boston, Mass.

Card Indexes

See Filing Cabinets & Devices

1962— Cards (File)

Cincinnati Tool Co., Norwood, Cincinnati, O.
See adv index at end of book
NICHOLSON FILE CO. ("Nicholson"), Providence, R. I.
See adv index at end of book
Watson L. S. Mfg. Co., Leicester, Mass

1963—Cards (Horse, Cotton & Wool)

Watson L. S. Mfg. Co. ("Watson"), Leicester, Mass.

1964—Cards (Index & Guide)

Boston Index Card Co. (Plain & Celluloid, also Folders), 113 Purchase, Boston, Mass.
Continental Fibre Co., Newark Centre, Del.
Elsinore Paper Co., 131 24th, New York
Globe-Wernicke Co., 25 Carthage av, Cincinnati, O.
Goodline Mfg. Co. (All-Metal), Kent, O.
National Fibre & Insulation Co., Yorklyn, Del.
Standard Index Card Co. (Also Celluloid Tipped Guide Cards), 709 Arch, Phila., Pa.

1965— Carlines

Chicago Cleveland Car Roofing Co., 80 E Jackson boul, Chicago, Ill.
Cleveland Car Specialty Co. (Pressed Steel), Lakeside opp. E 45th, Cleveland, O.
Federal Railway Supply Co., Knoxville, Tenn.
Pressed Steel Car Co. (Pressed Steel), 307 5th av, Pittsburgh, Pa.
Western Steel Car & Foundry Co. (Pressed Steel), 37 W Van Buren, Chicago, Ill.

1966—Carousels, Organs, Etc.

Dentzel Wm. H., 3641 Germantown av, Phila, Pa.
Health Merry-Go-Round Co., Quincy, Ill.
Mangels Wm. F. Co., 2863 W 8th, Brooklyn, N. Y.
Morris E. Joy, 902 Walnut, Phila., Pa.
North Tonawanda Musical Instrument Wks. (also Skating Rinks), N. Tonawanda, N. Y.
Parker C. W. (Jumping Horses), Leavenworth, Kan.
Philadelphia Toboggan Co., 130 E Duval (Gtn), Phila., Pa.

Carpenters & Builders

See Contractors, Building & General

Carpeting (Rubber)

See Mats & Matting, Rubber

1967—Carriage Calls (Electric)

Betts & Betts Corp., 513 W 42d, New York.
Edwards & Co., Exterior & 140th, New York
Electric Carriage Call & Specialty Co. (For Theatres, etc.), 311 W 40th, New York
Johns H. W.-Manville Co., Madison av & 41st, New York
Norden Elec. Sign Co., 311 W 40th, New York
Universal Electric Stage Lighting Co. ("Kliegl"), 240 W 50th, New York
U. S. E. M. Co., 301 W 37th, New York

1968—Carriage Cloth (Rubber & Enamel)

Acme Rubber Mfg. Co. (Rubber), Trenton, N. J.
Chase L. C. & Co. (Rubber), 89 Franklin, Boston, Mass.
See adv index at end of book
Empire Tire & Rubber Corp. (Rubber), East Trenton, N. J.
Fairfield Rubber Co. (Rubber), Fairfield, Conn.

Heath Edmund F. & Son (Enamel & Rubber), 225 Warren, Newark, N. J.
Hodgman Rubber Co. (Rubber), 8 W 40th, New York
Landers Bros. Co., Toledo, O.
Mechanical Fabric Co. (Rubber), 40 Sprague, Providence, R. I.

1969-70—Carriage Cloth (Woolen & Worsted)

American Mills Co., Rockville, Conn.
Fabyan Woolen Co., Stafford Springs, Conn.
Glenside Woolen Mills, Skaneateles Falls, N. Y.
Harris Emery Co., Penacook, N. H.
Libbey W. S. Co., Lewiston, Me.
Neponset Woolen Mills, Canton Junction, Mass.
Portland Woolen Mills, Portland, Oregon
Roy Woolen Co., Watervliet, N. Y.
Saxton Woolen Co., Norwich, Conn.
Sayles F. L. & Sons, Pascoag, R. I.
Slater S. & Sons, Webster, Mass.
Stevens M. T. & Sons Co., North Andover, Mass.
Talbot Mills, N. Billerica, Mass.
Waterloo Woolen Mfg. Co., Waterloo, N. Y.

1971—Carriage Trimmings (Plated)

See also Hardware Manufacturers, Carriage

Enterprise Brass & Plating Works, 6th & Baymiller, Cincinnati, O.
Higgin Mfg. Co., Newport, Ky.
White Mfg. Co. (also Brass), Bridgeport, Conn.
Woodruff Walter W. & Sons Co., Mount Carmel, Conn.

1972— Carriages

See also Carriages classified according to their various kinds; also Carts; Wagons; Automobile Builders, etc.

ALABAMA.

ANNISTON—Hale Buggy Mfg. Co.
BIRMINGHAM—Birmingham Buggy Co.
Birmingham Carriage & Wagon Co.
FLORENCE—Union Buggy & Mfg. Co.
MOBILE—Bloch Brothers
McKenzie Barrett Carriage Co.
Nack Carriage & Wagon Works
MONTGOMERY—Montgomery Carriage Works Co.

CALIFORNIA.

FRESNO—Lyons-Morgan Co.
OAKLAND—Sohst John E. W.
SACRAMENTO—Bowman Carriage Co., Sacramento, Cal.
Meister A. & Sons Co.
SAN DIEGO—Tiffany's Carriage Works
SAN FRANCISCO—Grave B. Co., 732 Brannan
Holmes H. E. & Co., 746 Folsom
Neumiller J. & G., 125 Fell
Reutschler Bros., 1767 15th
Studebaker Bros. Co. of Calif., 413 Mission
Schindler H. & Co. (Buggies, Trucks & Wagons), 174 Spear
Wertsch Wm. Co., 24 Page
STOCKTON—Phelan S. F.
Sunset Carriage Factory
Tremain E. E.
VALLEJO—Vallejo Carriage Works

COLORADO.

COLORADO SPRINGS—Loesch H. C.
DENVER—Copenhaver Geo. C.
Hulen Taylor A. Carriage & Wagon Works
Niederhut Carriage Co.
Orrock Carriage Co.
Pursel & Standley
Standard Carriage Co.
PUEBLO—Jackson George Carriage & Implement Co.
Morrissey Carriage Co.
Pueblo Carriage Co.

CONNECTICUT.

BANTAM—Flynn & Doyle Co.
BRIDGEPORT—Hall C. W. Carriage Co. 191 John
Provost C. M.
Bryan & Lutz
HARTFORD—McGurk B. L.
NEW BRITAIN—New Britain Carriage Co.
NEW HAVEN—Armstrong M. Co., 433 Chapel.
Demarest A. T. & Co.
Goodrich J. F. & Co. (Buggies, Broughams, Surreys, Victorias)
New Haven Carriage Co.
NEW LONDON—Moran D. E. & J. F.
NORWICH—Scott & Clark Corp'n.
SOUTH NORWALK—Wright Luther M.

DELAWARE.

EDGEMOOR—Rotthouse Charles A.
WILMINGTON—Bowe Carriage Co.
Cahill & Co.
Cooling Carriage Co.
Guthrie, Jones & Co.

DISTRICT OF COLUMBIA.

WASHINGTON—Barker & Kelley 456 Penn
Crown J. F. & Son
McReynolds R. & Sons

FLORIDA.

JACKSONVILLE—McMurray & Baker

GEORGIA.

ATLANTA—Blount Carriage & Buggy Co.
BARNESVIILE—Franklin Buggy Co.
Summers Buggy Co.
BRUNSWICK—Brunswick Carriage Works
COLUMBUS—Friedlaender Julius & Co.
Miller J. E. & Co.
DUBLIN—Dublin Buggy Co.
EAST POINT—Blount Carriage & Buggy Co. (Surreys & Spring Wagons)
ELBERTON—Aulds J. F. Sons
GAINESVILLE—Bagwell Mfg. Co.
GRIFFIN—Norman Buggy Co.
HAMPTON—Hampton Buggy Co.
JACKSON—Carmichael Buggy Co.
Empire Buggy Co.
MACON—Parmelee S. S. Co.
Williams Wagon Wks.
MONTICELLO — Monticello Buggy Mfg. Co.
SAVANNAH—Chatham Carriage Co.
Hull Vehicle Mfg. Co. (Buggies)
VALDOSTA—South Georgia Buggy Co.

ILLINOIS.

ALTON—Miller Dan Buggy Co.
AURORA—Frazier W. S. & Co. (Sulkies, Runabouts, Surreys)
Knapp O. P. & Son
BELLEVILLE — Heinzelman Bros. Carriage Co.
Merker & Wirsing
BLOOMINGTON—McKee & Shade
Martens-Leary Co.
BUSHNELL—Ball I. M. & R. E.
CHICAGO—Beyerlein John, W 5626 South Park av
Chicago Coach & Carriage Co., 1223 S Michigan av
Erby Wm. & Sons Co., 121 W Grand av
Herzog Bros., 220 Wendell
Kimball C. P. & Co., 3900 S Michigan av
Landshaft Wm. & Son, 2900 Danwin ter
Lawder Arthur A. & Sons, 6910 Lafayette
Lindskog Auto Carriage & Wagon Works: 3522 Vinc av
Metzler J. & Sons Co., 158 E Grand av
Seitz Edw. G., 745 Bowen av
Smith J. C. Co., 58 E 20th
Smith P. & Co., 209 W Austin av
Staver Carriage Co. (Buggies, Storm Buggies, Concord Buggies & Wagons, Phaetons, Runabouts, Surreys), 76th & Wallace
Stone C. & Sons, 1658 Ogden av
DALLAS CITY—Burg L. Carriage Co (Buggies, Phaetons, Surreys)
DANVILLE—Danville Buggy Co.
Snyder D. D. & Co.
DEKALB—De Kalb Wagon Co. (Carriages or Cabs Storm)
EAST ST LOUIS—Century Mfg. Co.
ELGIN—Van Wambeke H. F. (Runabouts)
FAIRBURY—Fairbury Carriage Co.
FREEPORT—Henney Buggy Co.
Tiger Vehicle Co. (Buggies, Concord Buggies & Wagons, Runabouts, Surreys)
JACKSONVILLE—Hall Bros.
MANTENO—Smith's, H. Sons
MENDOTA—Schaller & Goebel
Sunday & Faber
MOLINE—Henney Buggy Co.
Moline Plow Co. (Buggies, Concord Buggies & Wagons, Surreys)
Sechler D. M. Implement & Carriage Co. (Buggies, Phaetons, Surreys)
Velie Carriage Co. (Buggies, Phaetons, Surreys)
OTTAWA—Formhals & Son
Gay S. G. Co. (Buggies, Phaetons, Stanhopes, Surreys)
QUINCY—Miller E. M. Co. (Coupes, Coaches, Landaus, etc.)
ROCK FALLS—Eureka Co. (Buggies, Storm Buggies, Concord Buggies & Wagons, Surreys)
ROCKFORD—Emerson-Brantingham Co. (Buggies, Buckboards, Storm Buggies, Concord Buggies & Wagons, Phaetons, Runabouts, Surreys)
Neumeister F. P. & Co
Weldon C. J. (Mrs)
ROCK ISLAND—White George Buggy Co. (Buggies, Buckboards, Surreys)
SANDWICH—Walters G.
SPRINGFIELD—Brand August
Davidson H. B.
Withey Bros.
STREATOR—Alliance Mfg. Co.
SYCAMORE—Loptien Bros.
Loptien C. & Sons (Est. of)

INDIANA.

ANDERSON—Anderson Carriage Mfg. Co. (Buggies)
ATTICA—Leif Buggy Co.
AUBURN—Eckhart Carriage Co., (Buggies, Storm Buggies, Carriages or Cabs Storm, Phaetons, Surreys)
BUTLER—Butler Co., (Buggies, Storm Buggies, Carriages or Cabs Storm, Surreys)
COLUMBIA CITY—Harper Buggy Co., (Buggies, Storm Buggies, Phaetons, Stanhopes, Surreys)
COLUMBUS—Fehring Carriage Co.
CONNERSVILLE—Connersville Buggy Co. (Buggies, Phaetons, Surreys)
Rex Buggy Co., (Buggies, Storm Buggies, Phaetons, Surreys)
ELKHART—Elkhart Carriage & Motor Car Co. (Phaetons)
Noyes Carriage Co., (Buggies, Concord Buggies & Wagons)
EVANSVILLE—Barenfanger C. W., Carriage Works
Hercules Buggy Co.
Lannert Mfg. Co.
Single Center Buggy Co.
FORT WAYNE—City Carriage Works
GOSHEN—Excelsior Buggy Co.
Lewis & Neville Mfg. Co.
HUNTINGTON—Hall Sidney Carriage Works
INDIANAPOLIS—Buchanan Joseph W., 801 E Market
Parry Mfg. Co. (Buggies, Buckboards, Storm Buggies, Concord Buggies & Wagons, Phaetons, Surreys)
JEFFERSONVILLE—Holzbog G. H. & Brother
KNIGHTSTOWN — Knightstown Buggy Co.
KOKOMO—Reiff D. T. (Buggies)
LAFAYETTE—Anderson Peter Co.
LIGONIER—Ligonier Carriage Co., (Buggies, Storm Buggies, Surreys)
Mier Carriage & Buggy Co.
LINNGROVE—Dunbar L. L.
LOGANSPORT—Logansport Carriage Wks
MARIETTA—Pile J. W.
MILTON—Milton Mfg. Co.
MUNCIE—Heckenhauer C. F.
Klopfer Frederick
NEW CASTLE—Rodgers Leonidas (Est. of)
NOBLESVILLE—Hare W. & Son
PRINCETON—Snapp W. L.

When writing to firms listed in this book please, mention HENDRICKS' COMMERCIAL RECISTER

INDIANA—continued
RICHMOND—Davis Geo. W. Motor Car Co.
Seidel Buggy Co., (Buggies, Storm Buggies, Concord Buggies & Wagons, Phaetons, Surreys)
SEYMOUR—Ahlbrand Carriage Co., (Buggies, Storm Buggies, Phaetons, Surreys
SOUTH BEND—Colfax Mfg. Co., (Buggies, Surreys, Light Carts)
Studebaker Corporation (Buggies, Buckboards, Storm Buggies, Concord Buggies & Wagons, Phaetons, Runabouts, Stanhopes, Surreys)
TERRE HAUTE—Fouts & Hunter Carriage Mfg. Co. (Buggies)
Hildebrand Buggy Co.
O'Connell Martin E.
TIPTON—Binkley Buggy Co.
UNION CITY—Ross Carriage Mfg. Co.
Union City Carriage Mfg. Co. (Buggies, Storm Buggies, Phaetons, Surreys)
VINCENNES—Miller's J. F. Sons
WARSAW—Conrad Earl W.

IOWA.

BURLINGTON—Bennett Carriage Co.
Burlington Buggy Co.
CEDAR RAPIDS—Cedar Rapids Carriage Works
Hawkeye Carriage & Auto Co.
CHARITON—Schreiber Carriage Mfg. Co.
COUNCIL BLUFFS—Van Deveer Marvin C.
Van Deveer Marvin C.
DAVENPORT—Woeber Carriage Works
DES MOINES—Capital City Carriage Co. (Buggies, Surreys)
Kratzer Carriage Co. (Buggies, Surreys)
Matthews Carriage & Auto Co.
DUBUQUE—Cooper A. A. Wagon & Buggy Co., (Buggies, Buckboards, Concord Buggies & Wagons, Phaetons, Runabouts, Stanhopes, Surreys)
GRINNELL—Laros D. A. & Sons Co. (Buggies)
Spaulding Manufacturing Co.
LANSING—Spinner Bros.
MARSHALLTOWN—Marshalltown Buggy Co.
WATERLOO—Brown Buggy Co. (Phaetons)
Jerald S. E. Sulky Co.

KANSAS.

FORT SCOTT—Flickinger & Miller
LEAVENWORTH—Bayer, Henry
Hesse W. G. & Son Mfg. Co.
TOPEKA—Rehkopf Bros.
WICHITA—Gaiser W. H.
McKenzie M. A.

KENTUCKY.

CADIZ—Malone Bros. (Buggies)
DANVILLE—Central Kentucky Carriage Co.
HENDERSON—Delker Bros. Buggy Co.
Delker Geo. Co. (Surreys, Phaetons, Driving Wagons, etc)
Henderson Mfg. Co.
LEXINGTON—Baker & Bro.
Wieman H. & Sons
LOUISVILLE—Haller Wagon & Carriage Co.
Richards Albert J., 632 W Jefferson
Ruby Carriage Co.
MADISONVILLE—Jones Buggy Co.
MAYS LICK—Buchanan S. G.
Van Camp & Newdigate
MAYSVILLE—Thompson & McAtee (Buggies)
OWENSBORO—Ames F. A. Co. (Buggies, Phaetons, Surreys)
Owensboro Buggy Co. (Buggies, Phaetons, Stanhopes, Surreys)
Peerless Buggy Co.
PADUCAH—Hardy Buggy Co. (Phaetons)
RICHMOND—Richmond Carriage Works
VERSAILLES—Seller Carriage Co.

LOUISIANA.

LAKE CHARLES—Lake Charles Carriage & Implement Co.
NEW ORLEANS—Dixie Vehicle Manufacturing Co., Ltd., 721 St. Joseph
O'Connor & Co. (Ltd), 518 Julia
Oster Bros., 1418 Frenchmen
Schwartz J. Co., 548 Baronne

MAINE.

BANGOR—Brown & White Co.
Mason John & Sons
BAR HARBOR—Davis Bar Harbor Buckboard Co. (Buckboards)
BROOKS—Staples I. S. & Son
CARIBOU—Wight Arthur E.
CENTER MONTVILLE—Thomson Volney
NORTH CHESTERVILLE—Knowles A. E.
Knowlton Harry B.
Lovejoy R. N.
PORTLAND—Bailey F. O. Carriage Co. (Light)
McCann's D. E. Sons
READFIELD—Morrill C. E. & Son

MARYLAND.

BALTIMORE—Dietrich John H., Greenmount & Gorsuch avs.
Ditch, Bowers & Taylor, Mt. Roy & North
Eckenrode Chas. E., 18 N Carrollton
McCormick M. L. & Bro., Penna. av. & Retreat
Sefton Chas. A. S. E., cor Monument & Eden
HAGERSTOWN—Hess Carriage Co.
SPICKLER—Spickler L. A. & Sons

MASSACHUSETTS.

AMESBURY—Feltch E. S. & C Co. (Surreys, etc)
Lane T. W.
Rand W. H.
Shields Carriage Co.
AVON—Collins Bartlett
AYER—Whitney Frederick
BERLIN—Stone H. A. & Co.
BEVERLY—Sawyer E. C.
BOSTON—Adams John E. S., 28 Huneman
Bryant's John Sons, 15 Austin
Colpitts S. B., Alliston
French Ferd F. (Buggies, Broughams, Surreys, Victorias), 930 Commonwealth av.
Harrison Robert Co., 330 W 1st S
Kimball Bros. Co., 112 Sudbury
Russ C. & Co., 263 Northampton
Sargent & Ham Co., 26 Bowker
Thomas Chauncey & Co., Blandford
BROOKLINE—Quinlan M. W.
CAMBRIDGE—Henderson Bros.
Ivers F. & Son
Stewart Bros. & Co.
FALL RIVER—Cartier T. N.
Robinson & Smith
FOXBORO—Young Wm. A.
HOLYOKE—Bowler M. J.
LAWRENCE—Kress Bros. Carriage Co.
LOWELL—Sawyer Carriage Co.
MALDEN—Keen W. B. & Son
MEDFORD—Teel Eldridge & Co.
MERRIMAC—Judkins J. B. Co.
NEW BEDFORD—Carroll William A.
NORTH ADAMS—Vadnais E.
NORTHAMPTON—Desrosier Gilbert
PEABODY—Bolster J. W.
Dole Osgood & Co.
Pike & Whipple Co.
Roome James A.
PITTSFIELD—Pittsfield Carriage Co.
SOMERVILLE—Kiley James A.
SPRINGFIELD—Smith Carriage Co.
TAUNTON—Brownell & Burt, 10 Washington
Peck & White
WOODVILLE—Coolidge Carriage Co.
WORCESTER—Worcester Lunch Car & Carriage Co.

MICHIGAN.

ANN ARBOR—Ann Arbor Carriage Wks. (Buggies, Surreys)
Wurster E. M.
BIG RAPIDS—La Claire & Eggleston
CALUMET—Kinsman & Wagner
CHELSEA—Faist Adam G.
COLDWATER—Schmedlen W. H.
COLON—Anderson Bros.
COOPERSVILLE—Root G. L. Co.
DETROIT—Fisher Albert, 460 E Grand blvd.
FLINT—Durant-Dort Carriage Co. (Buggies, Buckboards, Concord Buggies & Wagons, Stanhopes, Surreys)
Paterson W. A. Co. (Buggies, Buckboards, Storm Buggies, Concord Buggies & Wagons, Surreys)
GRAND RAPIDS—Michigan Hearse & Motor Co.
HOLLY—Patterson Mfg. Co. (Buggies)
JONESVILLE—Deal Buggy Co. (Buggies, Buckboards, Concord Buggies & Wagons, Phaetons, Surreys)
KALAMAZOO—American Carriage Co.
Lull Carriage Co. (Buggies, Buckboards, Concord Buggies & Wagons, Surreys)
LANSING—Lansing Wagon Works (Light)
LOWELL—Roth J. C.
MANISTEE—Overpack S. C.
MARSHALL—Page Bros. Buggy Co. (Buggies, Storm Buggies, Phaetons, Runabouts, Stanhopes, Surreys)
MILFORD—Wakely Archibald S. & Son
MONROE—Ohr F. G.
PONTIAC—Beaudett O. J. Co.
SAGINAW—Beck J. Philip & Son
WAYNE—Prouty & Glass Carriage Co. (Buggies, Buckboards, Concord Buggies & Wagons, Stanhopes, Surreys)

MINNESOTA.

MINNEAPOLIS—Wallis Coach & Carriage Works, 12 E Grant
ST. PAUL—Schurmeier Wagon Co. (Buggies, Surreys), 9th & B'way
Twin City Carriage Works
WINONA—Winona Carriage Co. (Buggies, Concord Buggies & Wagons, Surreys)

MISSOURI.

EDINA—Miller Wagon Co. (Buggies, Surreys)
KANSAS CITY—Holcker-Elberg Mfg. Co., 16th & McGee
Kansas City Carriage & Wagon Works, 237 W 4th
Laux Carriage Co., 1627 Oak
Weber Carriage Co., Southwest bldg
LEXINGTON—Russell Brothers
PALMYRA—Stuhlman Bros.
ST. CHARLES—Ehrhard Mfg. Co.
ST. JOSEPH—Beardsley Carriage Co.
Karle A.
St. Joseph Buggy Co.
Schmidt D. H. Carriage & Wagon Co.
Tanner Conrad & Sons
ST. LOUIS—Banner Buggy Co. (Buggies, also Concord Buggies & Wagons, Runabouts, Surreys), 11th & Howard
Boettler Fred., 2621 Cass av
Borbein H. G., 1439 N 13th
Dischert Geo. C. Carriage & Wagon Co., 915 Washington
Haase-Bohle Carriage Co., 3958 Laclede av
Kluegel T. J. Carriage & Wagon Mfg. Co., 827 So Broadway
Kranz Carriage & Wagon Mfg. Co., 3032 Gravois rd
Manley Carriage Co. (Buggies, Phaetons, Runabouts, Stanhopes, Surreys), 1319 N 9th
Maschmeier-Schaefering Carriage & Wagon Co., 2000 N 15th
McCabe-Powers Carriage Co., 1217 N Broadway
Modern Wagon & Carriage Co., 1948 Papin
Moon Bros. Carriage Co. (Buggies, Concord Buggies & Wagons, Phaetons, Stanhopes, Surreys), Gano & McKissock
Moon Joseph W. Buggy Co. (Buggies, Phaetons, Runabouts, Surreys), Main & Douglass
Mound City Buggy & Auto Co., 2007 Locust
Neiner John Carriage Co., 4736 Easton av
Oyler Carriage Co., 120 N 2d
Rapp & Moller Carriage Co., 2220 Pine
Reliance Buggy Co.
Selzer J. M. Carriage & Business Wagon Mfg. Co., 1525 N 14th
Victor Buggy & Auto Top Co., 2615 Pestalozzi
Wittich Hy. Carriage & Wagon Co., 1222 N 7th
Young Wm. Carriage Co., 4524 Delmar av
SEDALIA—Fisher Carriage & Wagon Works
Kelk Carriage Works
SPRINGFIELD—Jess & Sturdy

MONTANA.

BUTTE—Butte Carriage Works
Grady F. M.
Lane Charles W.
Western Carriage Works
GREAT FALLS—Black Eagle Carriage Mfg. Co.

NEBRASKA.

LINCOLN—Anderson & Christiansen
Camp J. M. & Son
OMAHA—Berg Wm. Co.
Johnson-Danforth Co.
Murphy Andrew & Son
Pfeiffer Wm. Auto & Carriage Works
Simpson A. J. & Son Co.
Wettengel W. & Son

NEW HAMPSHIRE.

FARMINGTON—Perkins B. F.
HUDSON—Cummings Bros.
LITTLETON—Harris Chas. F. & Co.
MANCHESTER—Dodge S. P. Co.
Kimball Carriage Co.
Sanborn Carriage Co.
PELHAM—Hillman R. B. & Son

NEW JERSEY.

BURLINGTON—Birch James H.
Columbus Phaeton Co.
CAMDEN—Tiedeken Theo. C. & Bro.
FRENCHTOWN—Weiss & Fritts
HOBOKEN—Kostelecky Joseph
KEYPORT—Tilton & Cherry
MARLBORO—Reid Sidney
MONTCLAIR—Mockbridge Jas. D.
MORRISTOWN—Tunis Barton M.
NEWARK—Ludwig J., 20 Canfield
Merz Bros., 9 Crawford
Post C. M. Co., 227 Halsey
NEW BRUNSWICK—Witty William C.
ORANGE—Orange Carriage Co.
PATERSON—Sowerbutt J. S.
RAHWAY—Terrill Bros.
RIVERTON—Woolston Chas. T.
TRENTON—Fitzgibbon & Crisp
McCardell J. R. & Co.

NEW YORK.

BINGHAMTON—O'Neil James
Sturtevant-Larrabee Co.
BRAINERDSVILLE—Lamberton. W. W
BUFFALO—Brunn's Carriage Mfg. Co., 1140 Main
Lesswing's Peter Sons
CAMDEN—Boehm C. A. & Son
EASTHAMPTON—Everest W. S.
Gay J. E. & Co.
ELMIRA—Ayres John T.
FAIRPORT—Bown Geo. G. & Sons
GREAT NECK—Schenck Bros.
HOMER—Brockway W. N.
ITHACA—Pritchard & Sons
KINDERHOOK—Brown G. H. & Bro.
LAKE GROVE—Gould G. E.
LOCKPORT—Davis William D.
Taylor W. W.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Duhamel & Brueckner, 735 Bedford av
Linn V. & Son, 49 Bergen
Romson I. S. Mfg. Co., 740 Grand

Boroughs of Manhattan and Bronx.

NEW YORK—Baitelman Samuel, 211 Wooster
Galloway & Wagner, 303 W 53d
Healey & Co., 1658 B'way
McAuliffe & Co., 108 W 53d
Studebaker Corp., 445 B'way
Wittkowsky H., 203 E 88th
NEW ROCHELLE—Kershaw W. B.
ONEIDA—Silver Carriage Co.
OSWEGO—Denton & Son
ROCHESTER—Cunningham Jas. Son & Co.
Faber Sulky Co.
Rehtz F. C.
Rochester Carriage Co.
Sullivan Bros.
SCHENECTADY—Benns & Visscler Co.
Loucks Elmer E.
SIDNEY—Cortland Cart & Carriage Co.
SMITHTOWN BRANCH—Hallock Allanson E.
SYRACUSE—Moyer Harvey A. (Phaetons)
TROY—Clary Bros.
Troy Carriage Works (Buggies, Broughams, Surreys, Victorias)
WATERTOWN—Babcock H. H. Co. (Buggies, Phaetons, Surreys, Victorias)
Excelsior Carriage Co.
WATERVLIET—Richenecker Chas. G.
YONKERS—Chadburn M. J.

NORTH CAROLINA.

CARTHAGE—Tyson & Jones Buggy Co. (Buggies, Surreys, Victorias)
DURHAM—Durham Buggy Co.
ELIZABETH CITY—Elizabeth City Buggy Co.
ELKIN—Elkin Buggy Co.
GOLDSBORO—Goldsboro Buggy Co.
GREENSBORO—Oettinger Buggy Co.
GREENVILLE—Flanagan John Buggy Co.
HENDERSON—Capital Buggy Co.
Carolina Buggy Mfg. Co.
Corbitt Buggy Co.
Henderson Buggy Mfg. Co.
HIGH POINT—High Point Buggy Co.
Southern Buggy Co.
KINGSTON—Ellis Carriage Works
Hudson B. A. & Co. (Buggies)
Hudson J. E.
Whitfield J. T.
LEAKSVILLE—Hampton J. H. Buggy Co.
MOUNT AIRY—Mount Airy Buggy Co.
OXFORD—King Buggy Co.
Oxford Buggy Co.
Taylor-Cannady Buggy Co.
SANFORD—Sanford Buggy Co.
WASHINGTON—Washington Buggy Co.
WHITE PLAINS—White Plains Buggy Co.
WILLIAMSTON—Martin County Buggy Co.
WINSTON-SALEM—Winston Vehicle Co.

OHIO.

ALLIANCE—Wallace A. D.
BLOOMVILLE—Cook Carriage Co.
BUCYRUS—Ruhl Geo. S.
CANTON—Canton Buggy Co.
Motter Jacob & Son
Schellhase J. H.
CELINA—Cron Wm. Sons Co.
CINCINNATI—Acorn Buggy Co. (Phaetons), 5th & Eggleston av
American Carriage Co. (Buggies, Phaetons, Runabouts, Surreys), 1275 Budd
Anchor Buggy Co. (Buggies, Phaetons, Runabouts, Surreys), C. H. & D. Ry nr. Gest
Armstrong A. Co. (Buggies, Phaetons, Surreys, Cabriolets, Victorias, etc), 719 State av
Behlen Chas. Sons Co., 15th & Vine
Brown Carriage Co. (Buggies, Jump Seat Buggies, Storm Buggies, Phaetons, Surreys), 1630 Gest
Eagle Carriage Co., Court & McLean av
Enger Frank J. (Buggies, Phaetons, Runabouts, Surreys), Marion & Dakota av, Avon
Hickory Carriage Co., Spring Grove av & Rawson
Kleine & Daumeyer, 14 W 12th
Lion Buggy Co. (Buggies, Concord Buggies & Wagons, Runabouts, Surreys), C. H. & D. R. R., near Best
Louis J. H. Carriage & Wagon Co., 314 W Court
Luth Carriage Co. (Buggies, Concord Buggies & Wagons, Phaetons, Runabouts, Stanhopes, Surreys), 1911 W 8th
Murray Wilber H. Mfg. Co., 5th & Eggleston av
Ostholthoff & Braukmann, 42 W McMicken av
Phoenix Carriage Co. (Phaetons), 901 Evans
Sayers & Scovill Co. (Buggies, Storm Buggies, Concord Buggies & Wagons. Phaetons, Stanhopes, Surreys), Gest
Schneider John A. & Co., 3717 Colerain av
Smith-Eggers Co., Court, bet B'way & Sycamore
Trailmobile Co., 5th & Culvert
Welland Co., 2414 Gilbert av
CIRCLEVILLE — Colonial Carriage Co. (Buggies, Storm)
CLEVELAND—Black P. F. Co., 2361 E 14th
Gabriel W. H. Carriage & Wagon Co., 315 Prospect av, N W
Hanger C. F. Co., 6520 Carnegie av
Hayes R. L. & M. H.
Schaefer Gustav Wagon Co., 4180 Lorain av
Scranton Ave. Carriage & Wagon Works, 2339 Scranton rd
Warden George J. & Co., 6530 Carnegie av
Woltman Carriage & Wagon Co., Woodland av
COLUMBIANA—Zimmer & Harman
COLUMBUS—Anderson Carriage Co.
Hayes R. L. & M. H., 203 E Town
Immel Jno. & Sons Co., 16 E Livingston
Ohio Carriage Mfg. Co., S High
Peters Buggy Co. (Buggies, Storm Buggies, Phaetons, Runabouts, Surreys), 330 W Spring
Poste Bros. Buggy Co., Jefferson & Curtis avs
U. S. Carriage Co., 319 S Fourth
Warren & Southwick Carriage Co., 337 Cleveland av
COSHOCTON—Stewart J. R.
CRESTLINE—Holcker Bros. Buggy Co. (Buggies, Storm Buggies, Phaetons, Stanhopes, Surreys)
DAYTON—Borchers Carriage & Auto Co.
DEFIANCE—Defiance Carriage Co. (Phaetons)
DOVER—Toomey S. Co.
FINDLAY—Findlay Carriage Co.
FOSTORIA—Eissler J. Fred.
GALION—Howard A. (Buggies, Phaetons, Runabouts, Surreys)
Kunkel Carriage Works
Plack Carriage Wks.
GREENFIELD—Patterson C. R. & Sons
HAMILTON—Heck Motor Car Co.
Schweizer John
HILLSBORO—Carroll M. F. & Sons Co.
IRONTON—Ketter Buggy Co.
Phillips Buggy Works
Willis Carriage Works
JERSEY—Harrison Bros. & Co.
KENTON—Kaiser H. Buggy Co.
Kenton Carriage Co.
LIMA—Owen Brothers
LISBON—Adams John Q. Carriage Co.
LONDON—Jones C. T. & W. A.
MANSFIELD—Herring Buggy Co.
MARIETTA—Kelly J. W. & Son
MARION—Cull Wm. & Sons
Houghton Sulky Co.
McMurray Sulky Co.
MARYSVILLE—Leader Buggy Co.
MECHANICSBURG—Culbertson Bros.
MIDDLEPORT—Faehnle J. Sons
NEW WATERFORD—Koch Bros. Co.
PIQUA—Enterprise Carriage Works
PLYMOUTH—Webb J. W.
POMEROY—Blaettnar's M. Sons
PORT CLINTON—Port Clinton Buggy Co.
RAVENNA—Riddle Coach & Hearse Co.
ROCKFORD—Lloyd J. E. & Sons
ST. HENRY—Twentieth Century Storm Buggy Co.
ST. MARY'S—Makley Bros.
ST. PARIS—Wal-Rike Pony Vehicle Co.
SANDUSKY—Klenk Martin
SHELBY—Shreffler S.
SIDNEY—Crozier & Son (Buggies)
Miller & Smith
SPRINGFIELD—Fehl Henry
Rathbun P. T. & Co.
STEUBENVILLE—Workman James & Son (Buggies)
TIFFIN—Smith & Schwartzbeck
URBANA—Aughenbaugh B. A.
Dimond J. H. E. & Son
Gaumer E. B. & Sons
WADSWORTH—Stevenson E. D. (Buggies)
WAPAKONETA—Kreitzer Buggy Co.
WARREN—Morgan & Williams Co.
Riverside Carriage Co.
WAYNESBURG—Waynesburg Carriage Co.
WOOSTER—Gerstenslager Co. (Buggies)
YOUNGSTOWN—Youngstown Carriage Co.

OKLAHOMA.

GUTHRIE—Schickran & Wickman
MUSKOGEE—Lantz W. R. Carriage & Auto Works
Muskogee Harness & Buggy Co.
OKLAHOMA—Oklahoma Carriage Works

OREGON.

PORTLAND—Columbia Carriage & Auto Works

PENNSYLVANIA.

ALLENTOWN—Wolf Wm. (Est. of)
COOPERSBURG—Kern S. Y. & Son
EAST DOWNINGTON—Armour Judson
EASTON—Hill Clemens F.
ELIZABETHVILLE—Swab Carriage Co.
EPHRATA—Martin J. Diller
EVANS CITY—Laderer W. C. Carriage Co.
FRANKLIN—Myers Carriage Co.
GOODVILLE—Kramer I. Newton
GROVE CITY—McKay Carriage Co.
HAMBURG—Scott & Kemmerer
HARRISBURG—Redmond A.
Sefton Carriage Works
HONESDALE—Hermann M. & Son
LANCASTER—Nolty Henry, Jr.
LITTLESTOWN—Mehring S. D.
MIFFLINBURG—Gutelius John & Son
Hopp Carriage Co.
Mifflinburg Buggy Co.
MOUNT JOY—Schutte Wm. H.
MOUNT PLEASANT—Galley Bros.
NEW HOLLAND—Groff & Weaver
Roseboro Chester E.
OAK BOTTOM—Groff Aaron
OGONTZ—William Harry & Son
ORRSTOWN—Wise's Samuel B. Sons
PALMYRA—Miller Jacob
PERKASIE—Weisel Milton T.
PHILADELPHIA—Caffrey J. H., 1712 Fairmount
Geissel A. & Sons, 485 N 3d
Gregg Wm. D. Rogers Co., 1926 Arch
Kelly John C. & Sons, 5215 Gtn av
Petzelt & Keyser, 24th & Locust
Rech-Marbaker Co., 8th & Girard av
Sowney Bros., 16th & Wood
Wolfington's Alex. Son, 8 N 20th
PITTSBURGH—Glesenkamp L. E., 319 Liberty
McClinton & Co., 309 Sandusky
West Co., 4017 Liberty av
QUARRYVILLE—Hess Daniel T.
READING—Biehl's Carriage & Wagon Works
Hain Geo. M.
Wetherhold W. W.
REYNOLDSVILLE—Deible H. C.
SCRANTON—Gould A. R. & Sons
SHIPPENSBURG—Thrush & Stough
SPRINGBORO—Graves L. C. & Co.
STRASBURG—Brackbill T. L.
STROUDSBURG—Staples & Hartman
TAMAQUA—Becker Christian
UNIONTOWN—Howard J. M. & Sons
WASHINGTON—Jackson Repairing Co.
WILKES-BARRE—Wilson J. Frank Co.
WILLIAMSPORT—Gohl Christian & Sons
YORK—Martin Carriage Works (Phaetons)
ZELIENOPLE—Laderer W. C. Carriage Co.

RHODE ISLAND.

PAWTUCKET—McCabe Bernard Carriage Co.
PROVIDENCE—Bernier Napoleon M., 46 Point
Howe H. M. Co., 417 Fountain

SOUTH CAROLINA.

ROCK HILL—Rock Hill Buggy Co.
SPARTANBURG—Spartan Wagon & Buggy Co.
SUMTER—Rowland Buggy Co.

SOUTH DAKOTA.

SIOUX FALLS—Olson & Detlie Carriage Co.

TENNESSEE.

BROWNSVILLE—Pope & Pracht
CHATTANOOGA—Chattanooga Buggy Co.
Fassnacht A. & Sons
Fuller Auto & Wagon Wks. (Buggies)
CLARKSVILLE—Harrison D. A.
KNOXVILLE—Moore L. F. Carriage Co.
MEMPHIS—Dix John C. Son & Co.
Lilly Carriage Co.
Schley Carriage & Wagon Co.
MORRISTOWN—Carver Wagon Co.
MURFREESBORO—Walter G.
NASHVILLE—Allen Bros.
Robinson-McGill Carriage Co.
Vogely & Todd
PULASKI—Harris R. H. & Sons
SHELBYVILLE—Robinson-McGill Hardware Co. (Buggies)

TEXAS.

BEAUMONT—Southern Carriage Works
DALLAS—Monschke & Co.
Young Wm. F.
HOUSTON—Model Carriage Co.
Mosehart & Keller Co.
SAN ANTONIO—Woodward Carriage Co.
WACO—Hopkins J. F. (Est. of)

UTAH.

OGDEN—Studebaker Bros. Co.

VERMONT.

BELLOWS FALLS—French G. N. & Son
BRATTLEBORO—Rockwell & Sherwin
BURLINGTON—Smith Wm. (Est of)
HIGHGATE—Sunderland Edw. U.
ST. JOHNSBURG—Ryan Jno. H.

VIRGINIA.

ABINGDON—Gilpin Carriage Co.
FRANKLIN—Knight Buggy Co.
LYNCHBURG—Harris Carriage Co.
Hughes Buggy Co.
NEW MARKET—Clinedinst Jno. W.
NEWPORT NEWS—Miller & Gleason
Wrenn A. & Sons (Buggies)
RICHMOND—Bosher's R. H. Sons
Gross Conrad
Richardson Bros.
SASSAFRAS—Shackelford H. H. & Sons
SOUTH BOSTON—Barbour Buggy Co.
Harrell R. A. Buggy Co.
WINDSOR—Bailey C. W. & Son

WASHINGTON.

SEATTLE—Modern Carriage Co.
Pacific Wagon & Carriage Co.
Pioneer Carriage Co.
Star Carriage Co.
West Street Carriage Co.

WEST VIRGINIA.

PARKERSBURG—Logan Carriage & Auto Co.
WHEELING—Elig Chas. J. Carriage Co.
Morgan Carriage Co.

WISCONSIN.

APPLETON—Milhaupt Co.
BOSCOBEL—Ruka Bros. Mfg. Co. (Ltd.)
EAU CLAIRE—Bonell William
FOND DU LAC—Anderson Vehicle Co.
FORT ATKINSON—Northwestern Mfg. Co. (Buggies, Concord Buggies & Wagons, Phaetons, Runabouts, Surreys)
GREEN BAY—Green Bay Carriage & Wagon Co.
JANESVILLE—Janesville Carriage Works
LA CROSSE—Voigt F.
MEDFORD—Wesle Bros.
MILWAUKEE—Grede Geo. & Bro. Co., 248 Reed
Kaestner August J., 412 Cedar
North Side Carriage Works
Schielke & Blommer, 327 5th
Schueler Bros., 249 Milwaukee
Sherin W. R. Co., 547 Edison
MONROE—Fitzgibbons Bros.
NEENAH—Bergstrom C. H.
OSHKOSH—Clark J. L. Carriage Co. (Buggies, Buckboards, Concord Buggies & Wagons, Vehicle Pleasure, Driving Buggies, Surreys, Heavy Trucks)
Neville T.
SHEBOYGAN—Jung Carriage Co.
WAUPUN—Morris J. S.

1973— Carriages (Children's)

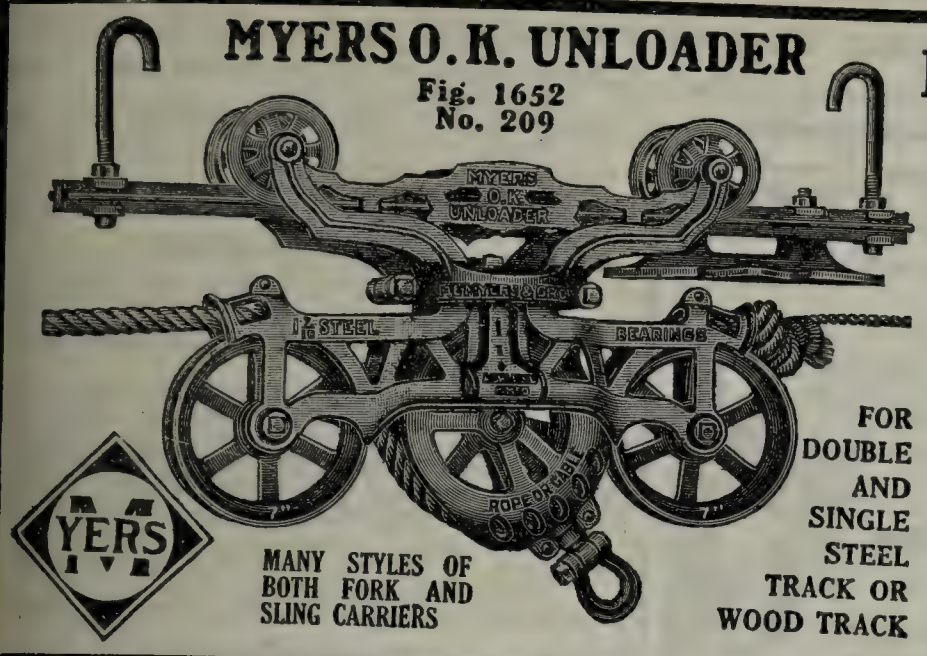
Adams Carriage Co., Dover, O.
Bloch Go-Cart Co. (Go-Carts), 1136 N American, Phila., Pa.
Capital Rattan Co., Indianapolis, Ind.
Carriage & Toy Co. (Carriages & Go-Carts), 741 W Lombard, Baltimore, Md.
Carter & Campbell, Winchendon, Mass.
Children's Vehicle Corp., East Templeton, Mass.
Collier-Keyworth Co. (Collapsible Go-Carts), Gardner, Mass.
Coulter's Rattan Wks., 1141 Sutter, San Francisco, Cal.
Crosby Mfg. Co., Frenchtown, N. J.
Embossing Co. (Carioles), Albany, N. Y.
Ficks Reed Co. (Collapsible Go-Carts), 424 Findlay, Cincinnati, O.
Field C. R. Mfg. Co., Greenfield, Mass.
Fulton Mfg. Co. (Go-Carts), 1319 S Michigan, Chicago, Ill.
Garrett Go Cart & Carriage Co. (Go-Carts & Carriages), 1728 Arcade pl, Chicago, Ill.
Gendron Wheel Co., Toledo, O.
Glascock Bros. Mfg. Co., Muncie, Ind.
Hartshorn C. H., Gardner, Mass.
Heywood Bros. & Wakefield Co. (Also Go-Carts), Gardner, Mass.
Kelly Bros., Gardner, Mass.
Kurtz N. M. Rattan Co. (Also Go-Carts), 155 Valencia, San Francisco, Cal.
Lloyd Mfg. Co., Menominee, Mich.
Mays Rattan Works, 3347 N Clark, Chicago, Ill.
Mecky A. Co., 1705 W Allegheny, Phila., Pa.
Meinecke Mfg. Co., Richards, Milwaukee, Wis.
Menke Chas., 535 E 15th, New York
Metal Stamping Corp. (Go-Carts), Streator, Ill.
National Juvenile Auto Co. (Go-Carts), Toledo, O.
Newark Go-Cart Mfg. Co., 199 Washington, Newark, N. J.
Omaha Reed & Rattan Co., Omaha, Neb.
Pahl E. F. & Co., 1032 3d, Milwaukee, Wis.
Paris Mfg. Co., South Paris, Me.
Platt Geo. A., 489 5th av, Brooklyn, N. Y.
Ramsdell, L. B. Co. (Chairs & Go-Carts), Gardner, Mass.
Rattan Mfg. Co. (Go-Carts), New Haven, Conn.
Rich Bros., 221 W Pratt, Baltimore, Md.
Rieber L. & Co., 16 N 4th, Phila., Pa.
Sidway Mercantile Co. ("Allwin" & Sidway Collapsible; also Stationary), Elkhart, Ind.
Sturgis Steel Go-Cart Co. (Go-Carts), Sturgis, Mich.
Thayer H. N. Co., Erie, Pa.
Toledo Metal Wheel Co., Toledo, O.
Uhlen Carriage Co. (Carriages & Go-Carts), Rochester, N. Y.
Wagner E. R. Mfg. Co. ("Wagner" Quick Folding Go-Carts), North Milwaukee, Wis.
Waite Chair Co., Baldswinville, Mass.
Walker Chas. T. & Co., 716 W North av, Chicago, Ill.
Whitney F. A. Carriage Co. (Also Go-Carts and Folding Go-Carts), Leominster, Mass.
Whitney Reed Corp. (Also Go-Carts), Leominster, Mass.
Withrow Mfg. Co. ("Oriole," "Go-Basket"), 2727 Spring Grove av, Cincinnati, O.

1974— Carriages (Gun)

Bethlehem Steel Co. (Steel), South Bethlehem, Pa.
Builders' Iron Foundry Co. ("Builders"), 9 Codding, Providence, R. I.
Chattanooga Car & Foundry Co., Chattanooga, Tenn.
MORGAN ENGINEERING CO. ("Gordon-Morgan" Disappearing, etc), Alliance, O. *See adv index at end of book*
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.

1975— Carriages (Saw Mill)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
American Saw Mill Machinery Co., Hackettstown, N. J.
Clark Bros. Co., Olean, N. Y.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Diamond Iron Works, 2d & 18th av N, Minneapolis, Minn.
Filer & Stowell Co., Milwaukee, Wis.
Frick Co., Waynesboro, Pa.
Garland M. Co., Bay City, Mich.
Henderson W. K. Iron Works & Supply Co., Shreveport, La.
Lane Mfg. Co., Montpelier, Vt.
McDonough Mfg. Co., Eau Claire, Wis.
Memphis Machine Works, Memphis, Tenn.
Murray D. J. Mfg. Co., Wassau, Wis.
Phoenix Mfg. Co., Eau Claire, Wis.
Southern Engine & Boiler Works, Jackson, Tenn.



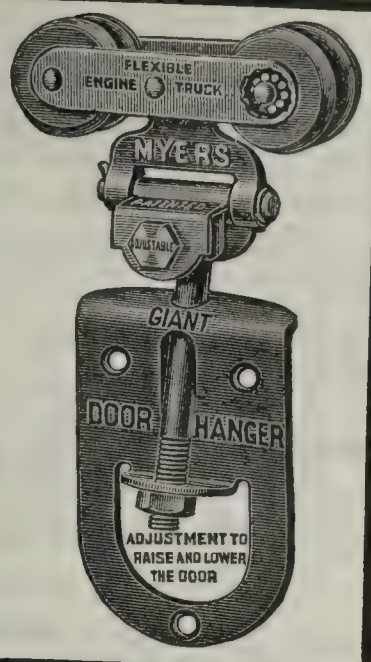
MYERS HAY TOOLS

DOOR HANGERS, ETC.

Myers Hay and Grain Unloading Tools including Fork and Sling Unloaders, Forks, Slings, Pulleys, Etc., are favorably known by all dealers and by all users of this class of equipment. They have many points of advantage that mean more sales for the dealer and better service for the user.

Myers' Door Hangers are always the best hangers to hang to. There are twelve different styles for Stayon and Tubular Track.

Write for catalogs describing either or both of above lines.



F. E. MYERS & BRO.
No. 800 Orange St., ASHLAND, OHIO
Ashland Pump and Hay Tool Works

Standard Saw Mill Machy. Co., Erie, Pa.
Stearns Co., Erie, Pa.
Union Iron Works, Bangor, Me.
Wheland Co., Chattanooga, Tenn.
Yates P. B. Machine Co., Beloit, Wis.

1976— *Carriages (Tension)

LINK-BELT COMPANY, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

1977— *Carriers (Acid Phosphate)

Jeffrey Mfg. Co., 961 N Fourth, Columbus, Ohio. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

1978—Carriers (Aerial Cable)

Standard Store Service, Inc., Hartford, Conn.

1979— *Carriers (Barbed Wire)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book

Carriers (Bucket)

See Elevators, Bucket

1980—Carriers (Can & Bag, Street Sweeping)

Hvass Chas. & Co., 511 E 18th, New York
Steel Basket Co., Cedar Rapids, Ia.
Wirt & Knox Mfg. Co. ("20th Century"), **23d & York, Phila., Pa.**

1981—Carriers (Canteen, Axe, Etc.)

Mills Woven Cartridge Belt Co., Worcester, Mass.

1982— Carriers (Carboy)

Berger Specialty Mfg. Co. ("Berger"), Richmond, Va.
Lansing Co. ("Handy"), Lansing, Mich.

1983— Carriers (Cash)

Baldwin Jas. L. & Co. ("Baldwin" Cash & Parcel), 350 W Madison, Chicago, Ill.
Burgess Machine Co. (also Bundle Carriers), New Haven, Conn.
AMSON CO. (also Package Carriers), 100 Boylston, Boston, Mass.
niversal Tube Co., 145 W Ohio, Chicago, Ill.

1984— Carriers (Change)

cGill Ticket Punch Co., 542 W Harrison, Chicago, Ill.

1985— Carriers (Egg)

ntinental Paper Bag Co., 17 Battery pl, New York.
rgan Spring Co., Worcester, Mass.
See adv index at end of book

National Egg Carrier Co. (Steel Carrier), Council Bluffs, Ia.
Quincy Egg Carrier Co., Quincy, Ill.
Star Egg Carrier & Tray Mfg. Co., Rochester, N. Y.

1986—Carriers (Feed & Litter)

Automatic Carrier Co. ("Stayon"), Juneau, Wis.
Dick Jos. Mfg. Co. ("Blizzard," "Crescent"), Canton, O.
Drew Carrier Co., Waterloo, Wis.
Foster Steel Stanchion Co., Rochester, N. Y.
Galloway Wm. Co., Waterloo, Ia.
Glor Bros. & Willis Mfg. Co. ("Glor," "New Modern"), Attica, N. Y.
Hackney Mfg. Co., St. Paul, Minn.
Hall Mfg. Co. ("Hall"), Monticello, Ia.
Harris Mfg. Co., Salem, O.
Hunt, Helm, Ferris & Co. ("Star"), Harvard, Ill.
James Mfg. Co., Fort Atkinson, Wis.
Libby C. A: Co., Oshkosh, Wis.
Louden Machinery Co. ("Emancipator," "High Lift," "Standard," "Quick Out," "Self Acting," Double End," "Adjustable," Wire Track & Side Dump), Fairfield, Iowa
Miller & Hoy Mfg. Co. ("M. & H.") Wauseon, O.
Milwaukee Hay Tool Co. ("Leader" Steel Track & Wire Cable), Layton Park, Milwaukee, Wis.
Moyer Mfg. Co. (Rod & Solid Track), Montevideo, Minn.
Olson Mfg. Co. ("Advance"), Albert Lea, Minn.
Owantonna Mfg. Co. ("Winner"), Owantonna, Minn.
Porter J. E. Co. ("Porter") Ottawa, Ill.
Rassmann F. Mfg. Co. ("Simplex"), Beaver Dam, Wis.
Ricker Mfg. Co., Rochester, N. Y.
Rock Island Plow Co. ("Great Western"), Rock Island, Ill.
Savage W. J. Co., Knoxville, Tenn.
Smith Mfg. Co., 161 W Harrison, Chicago, Ill.
Strickler Hay Tool Co. ("Strickler"), Janesville, Wis.
Warsaw-Wilkinson Co. ("Climax"), Warsaw, N. Y.
Whitaker Mfg. Co. ("Jarvis"), 409 S Green, Chicago, Ill.

1987— Carriers (Game)

Brauer Bros. Mfg. Co., 204 N 14th, St. Louis, Mo.
Buckheimer Geo. H., 1004 Rutland av. Baltimore, Md.
Perfection Mfg. Co., Montgomery & Leffingwell, St. Louis. Mo.

Carriers (Gravity)

See Conveyors, Gravity

1988— Carriers (Hay)

See also Tools, Haying
Appleton Hay Tool Co. ("Appleton," "Eagle," "Samson"), Appleton, Wis.
Deitrich C. F., Bryan, O.
Farrell John, Newton, N. J.
Goshen Mfg. Co. ("Boyers," "Hercules," "Death Grip," "Goshen"), Goshen, Ind.
Hackney Mfg. Co. ("Law"), St. Paul, Minn.
Hunt-Helm-Ferris & Co. ("Star," "Peerless," "Elephant," "Harvard," "One-Way," Sling, Swivel & Reversible), Harvard, Ill.
Jackson-Byron Iron Works ("Walker"), Berkeley, Cal.
Jordan,, R. C., Ottawa, Ill.
LINK-BELT CO. (For Conveying & Piling Hay in Bales), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
Louden Machinery Co. ("Jewell," "Royal," "Victor," "Louden's," Duplex, Cable, Reversible, Junior & Sling, "Universal Sling," "Automatic Sling," "Iowa Sling"), Fairfield, Ia.
Milwaukee Hay Tool Co. ("Boomer Swivel," "Leader," Rod or Cable, etc.; "Milwaukee," Reversible & Swivel, Wood & Steel Track, etc.), Layton Park, Milwaukee, Wis.
MYERS F. E. & BRO. ("Myers" Unloading for Double Steel Track, Single Steel Track, Wood Track, Cable Track & Cable Draft Rope; "Cloverleaf" Unloader, "Sure Grip" Unloader, "O. K." Unloader, "Faultless" Unloader, Single Rail Unloader, "Imperial" Unloader & "Haymaker" Unloader, Cross Draft Right Angle Triple Hoist), 800 Orange, Ashland, O.
See adv index at end of book
Ney Mfg. Co. ("Genuine Ney"), Canton, O.
Olson Mfg. Co. ("Advance"), Albert Lea, Minn.
Porter J. E. Co. ("Barnes," "Meadow King," "Meadow Queen," "Porter," "Porter's Columbian," "Champions" Reversible, Sling & Swivel & "Prairie Queen" Steel Track), Ottawa, Ill.
Ricker Mfg. Co. ("Rochester" Wood or Steel Tracks), Rochester, N. Y.
Strickler Hay Tool Co. ("Strickler," "Boss" "Deadlock," "Janesville," "Rock River" Steel & Wood Track), Janesville, Wis.
Swineford G. A. Co. ("Swineford"), Canton, O.
Syracuse Chilled Plow Co. ("Syracuse"), Syracuse, N. Y.
Whitaker Mfg. Co. ("Sterling," "Jarvis"), 409 S Green, Chicago, Ill.

1989— Carriers (Mail)

Lamson Co. (Automatic Pick Up & Delivery Systems to Handle Mail, Bills, Documents, etc), 100 Boylston, Boston, Mass.

1990—Carriers (Merchandise)

See also Conveyors, also Trolleys & Trolley Tracks, Overhead
Allith-Prouty Co. ("Allith" Overhead Tracks), Danville, Ill.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Gemco Mfg. Co., Luggage, Milwaukee, Wis.
Hall Mfg. Co. ("Hall"), Monticello, Ia.
Haslett Spiral Chute Co., Westmoreland & 23d, Phila., Pa.
See adv index at end of book

CARRIERS (MERCHANDISE)—continued

Howe Scale Co., of Illinois, 1315 S Wabash av, Chicago, Ill.
Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
Hunt-Helm-Ferris & Co. ("Star"), Harvard, Ill.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
LAMSON CO. (Parcel, Cash, etc., for Stores & Industrial Plants), 100 Boylston, Boston, Mass.
LINK-BELT COMPANY, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
MYERS F. E. & BRO., 800 Orange, Ashland, O. *See adv index at end of book*
New York Pneumatic Service Co., 15 W 44th
Ricker Mfg. Co., Rochester, N. Y.
ROBINS CONVEYING BELT CO., 13 Park row, New York
See adv index at end of book

1991—Carriers (Milk Bottle)

Andrews Wire & Iron Works, Rockford, Ill.
Jeffrey Mfg. Co., 961 N Fourth, Columbus, O.
See adv index at end of book
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Lamson Co., 100 Boylston, Boston, Mass.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
National Mfg. Co., ("Natwire") Worcester, Mass.
Parker Wire Goods Co. (Wire & Flat Steel), Worcester, Mass.
Smith Jno. P. & Co., New Haven, Conn.
United Steel & Wire Co., Battle Creek, Mich.
Woods-Sherwood Co. (Wire), Worcester, Mass.

1992— Carriers (Milk Can)

Harris Mfg. Co., Salem, O.
James Mfg. Co., Fort Atkinson, Wis.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book

1992a—*Carriers (Parcel—Luggage)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
New York Pneumatic Service Co., 15 W 44th

1993—Carriers (Self-Feeder, Wing)

Carpenter Wing Carrier Mfg. Co. ("Carpenter"), 473 Cleveland, St. Paul, Minn.
Hart Grain Weigher Co. ("Hart-Brown"), Peoria, Ill.

1994— Carriers (Trace)

Frazer & Jones Co. ("Cooper" Patn., "Reynolds" Patn., also Hip Drop), Syracuse, N. Y.
North & Judd Mfg. Co. ("Wilson," "Knapp," "Lincoln," "Cooper" Patn., "Calif." Patn., "Nubritain," "Security," etc), New Britain, Conn.

1994a— *Cars (Air Dump)

Kilbourne & Jacobs Mfg. Co., Columbus, O.
Magor Car Corp., 30 Church, New York
Russell Wheel & Fdy. Co., Detroit, Mich.
Western Wheel Scraper Co., Aurora, Ill.

1994a—*Cars (All Around Dump)

EASTON CAR & CONSTRUCTION CO., 15 Center square, Easton, Pa.
See adv index at end of book

When writing to firms whose names appear in this book please mention
HENDRICKS' COMMERCIAL REGISTER.

1994b—*Cars (Annealing Furnace)

Annealing Furnace Cars to fit all furnaces. We build them to practically any length, the largest to date being 40 ft. long and equipped with seven pairs of wheels.
Catalogs or Service
EASTON CAR & CONST'N CO.
15 CENTER SQUARE, EASTON PA.

Easton Car & Construction Co., 15 Center square, Easton, Pa.
See adv index at end of book
Lakewood Engng. Co., Cleveland, O.
See adv index at end of book

LAKEWOOD BUILT TO LAST The LAKEWOOD ENGINEERING Co. CLEVELAND. OHIO. U.S.A.

1995— *Cars (Asphalt)

Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book

1995a— Cars (Automatic)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

1996—Cars (Automatic Air Dump)

Clark Car Co., 1624 Oliver bldg, Pittsburgh, Pa.
Goodwin Car Co., 17 Battery pl, New York.
Kilbourne & Jacobs Mfg. Co. ("K. & J."), Columbus, O.

1997— Cars (Ballast)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Clark Car Co., 1624 Oliver bldg, Pittsburgh, Pa.
Continental Car Co., Louisville, Ky.
Goodwin Car Co., 17 Battery pl, New York
Magor Car Corp., 30 Church, New York
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Rodger Ballast Car Co. ("Hart" Convertible), Railway Exchange bldg, Chicago, Ill.
Western Wheeled Scraper Co. (Bottom & Side Dump), Aurora, Ill.
Youngstown Steel Car Co., Youngstown, O.

1998— Cars (Barney)

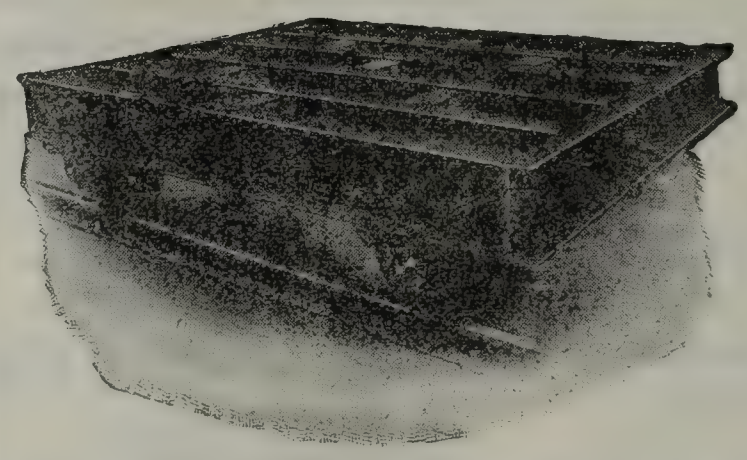
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*

1999— Cars (Billet)

Akron Cultivator Co., Akron, O.
American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Atlas Car & Mfg. Co., Cleveland, O.
Atlas Engineernig Co., Amherst, O.
See adv index at end of book
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
EASTON CAR & CONSTRUCTION CO., 15 Center Square, Easton, Pa.
See adv index at end of book
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
Jackson Mfg. Co., Harrisburg, Pa.
See adv index at end of book
Magor Car Corp., 30 Church, New York
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
Treadwell M. H. Co. of Illinois, 208 S La Salle, Chicago, Ill.
Youngstown Steel Car Co., Youngstown, O.

2000— *Cars (Boiler Room)

Atlas Engineernig Co., Amherst, O.
See adv index at end of book
CHASE FOUNDRY & MFG. CO., 2700 Parsons av, Columbus, O.
See adv index at end of book
EASTON CAR & CONSTRUCTION CO., 15 Center sq, Easton, Pa.
See adv index at end of book

CARS *and* TRUCKS
FOR ALL INDUSTRIES

Supplied with
Chase Flexible Boxings.
Chase Roller or Brass Bearings.
Turntables, Trackage, Switches, Factory and Elevating Trucks.
Dump Buckets and Special Designed Equipment for Handling Materials.
INDUSTRIAL RAILWAYS FURNISHED COMPLETE
ROAD BUILDING MACHINERY
The Chase Foundry & Mfg. Co.
No. 2700 South Parsons Avenue Columbus, Ohio

HUNT C. W. CO., West New Brighton, N. Y. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. R. Ry., Phila., Pa.
See adv index at end of book

2001— Cars (Bonding)

Electric Railway Improvement Co. (Portable for Rail Bonding), Cleveland, O.

Cars (Bottom Dump)

See Cars; also Drop Bottom; also Cars, Dumping

LAKEWOOD BUILT TO LAST The LAKEWOOD ENGINEERING Co. CLEVELAND. OHIO U.S.A

2002— Cars (Brick & Clay)

See also Trucks, Brick
American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
American Clay Machinery Co. (Steel & Wood), S Walnut, Bucyrus, O.
Anderson Foundry & Machine Works, Anderson, Ind.
Arnold-Creager Co., New London, O.
Atlas Engineering Co., Amherst, O.
See adv index at end of book
Bonnot Co., Canton, O.
Chambers Bros. Co., 52d, below Lancaster av, Phila., Pa.
Chase Foundry & Mfg. Co., 2700 Parsons av., Columbus, O.
See adv index at end of book
Continental Car Co., Louisville, Ky.
Desmond M. Mfg. Co., Edwardsville, Ill.
EASTON CAR & CONSTRUCTION CO., 15 Center sq, Easton, Pa.
See adv index at end of book
Freese E. M. & Co., Galion, O.
Fulton Pit Car Co. (Clay), Canal, Fulton, O.
Globe Machinery & Supply Co., Des Moines, Ia.
Helmick Fdry. & Machine Co., Fairmont, W. Va.
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
International Clay Machinery Co., Dayton, O.
Jackson & Church Co., Saginaw, Mich.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lakewood Engineering Co., Cleveland, O.
See adv index at end of book
Magor Car Corp., 30 Church, New York
Ralston Steel Car Co., Columbus, O.
Sackett H. B. Screen & Chute Co., 1691 Elston av, Chicago, Ill.
Sanford-Day Iron Works, Knoxville, Tenn.
Sharp Mfg. & Supply Co., New Phila., O.
Sheffield Car Co., Three Rivers, Mich.
Steele J. C. & Sons, Statesville, N. C.
Stuart Robt. J. & T. H., New Hamburg, N. Y.
Stuebner G L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Truax Mfg. Co., Denver, Colo.
United Iron Works Co., Kansas City, Mo.
Wellington Machine Co., Wellington, O.
Whitman Agricultural Works Co. (Wood), 7000 S B'way, St. Louis, Mo.
Youngstown Steel Car Co., Youngstown, O.

2002a— Cars (Brick Dryer)

LAKEWOOD BUILT TO LAST The LAKEWOOD ENGINEERING Co. CLEVELAND. OHIO U.S.A

2003— Cars (Bridge & Gang)

Buda Co., Railway Exchange bldg, Chicago, Ill.
Fairbanks, Morse & Co. ("Sheffield"), 900 S Wabash av, Chicago, Ill.
Sheffield Car Co., Three Rivers, Mich.

2004—Cars (Cable & Messenger)

Bissell F. Co. ("Security"), Toledo, O.
Fairmount Electric & Mfg. Co. ("Aero"), 59th & Woodland av, Phila., Pa.

2005— Cars (Caboose)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Georgia Car & Locomotive Co., Atlanta, Ga.
Mount Vernon Car Mfg. Co., Mt. Vernon, Ill.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Russell Car & Snow Plow Co., Ridgway, Pa.
Western Steel Car & Foundry Co., Peoples Gas bldg, Chicago, Ill.

Cars (Cane)

See Cars, Plantation

2006— Cars (Canopy)

Ramapo Iron Works, Hillburn, N. Y.
Sheffield Car Co., Three Rivers, Mich.
Steel Car, Euclid, O.

2006a— *Cars (Cement)

EASTON CAR & CONSTRUCTION CO.
15 Center sq, Easton, Pa.
See adv index at end of book

2006b— *Cars (Charcoal)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

2007— Cars (Charging)

Our standard type of Coal Charging Car is regularly built in ½-ton and 1-ton capacities. We are prepared, however, to furnish other sizes in this or special types.

Catalogs or Service

EASTON CAR & CONST'N CO

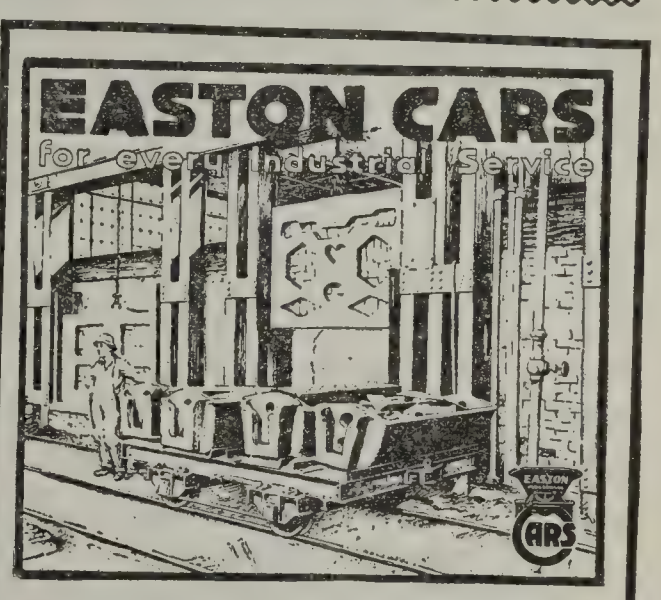
15 CENTER SQUARE, EASTON PA.

Akron Cultivator Co., Akron, O.
Atlas Car & Mfg. Co., Cleveland, O.
Atlas Engineernig Co., Amherst, O.
See adv index at end of book
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
CHASE FOUNDRY & MFG. CO., 2700 Parsons av, Columbus, O.
See adv index at end of book
Chattanooga Car & Fdry. Co., Chattanooga, Tenn.
Columbiana Boiler Co., Columbiana, O.
Denver Engineering Works Co., Denver, Colo.
Easton Car & Construction Co., 15 Center Square, Easton, Pa.
See adv index at end of book
Hunt C. W. Co. (Coal), West New Brighton, N. Y. *See adv index at end of book*
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lakewood Engineering Co., Cleveland, O.
See adv index at end of book
Lindsay W. W. & Co. (For Steel Plants), Harrison bldg, Phila., Pa.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER

LINK-BELT COMPANY (Drop Sides, etc), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa. *See adv index at end of book*
Magor Car Corp., 30 Church, New York
Mesta Machine Co. (Charging Box), Oliver bldg, Pittsburgh, Pa.
See adv index at end of book
Pennsylvania Engineering Works (Ingot & Open-Hearth), New Castle, Pa.
Phillips, Doup & Co., 60 Pearl, Brooklyn, N. Y.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Russel Wheel & Foundry Co., Detroit, Mich.
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Turl Iron & Car Co., Inc., The, 50 Broad, New York. Works: Newburgh, N. Y.
United Iron Works Co., Kansas City, Mo.
Variety Iron & Steel Works Co., Hamilton av & E 40th, Cleveland, O.
Whiting Foundry Equipment Co., 157th & Halstead, Ill.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book
Youngstown Steel Car Co. (Box Cars), Youngstown, O.

2008—*Cars (Charging, Open-Hearth)



We build cars for every steel plant and rolling mill service in both the four-wheel and double truck, or eight-wheel types. Platforms of heavy steel rails when desired.

Catalogs or Service

EASTON CAR & CONST'N CO

15 CENTER SQUARE, EASTON PA.

Easton Car & Construction Co., 15 Center Square, Easton, Pa.
See adv index at end of book
MORGAN ENGINEERING CO., Alliance, O. *See adv index at end of book*

2008a— Cars (Chemical)

LAKEWOOD BUILT TO LAST The LAKEWOOD ENGINEERING Co. CLEVELAND. OHIO U.S.A

Cars (Cinder)

See Cars, Hot Metal or Slag

Cars (Clay)

See Cars, Brick & Clay

2009— Cars (Coal)

American Car & Foundry Co., Syndicate Trust bldg, St Louis, Mo.
Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Atlas Engineering Co., Amherst, O.
Barney & Smith Car Co., Dayton, O.
Bartlett A. F. & Co., Saginaw, Mich.
Bettendorf Co. (Steel), Bettendorf, Ia
EASTON CAR & CONSTRUCTION CO. 15 Center Square, Easton, Pa.
See adv index at end of book
Empire Supply Co. (Steel Automatic End Dump), North Miami, Okla.
ERIE CAR WORKS, 1150 W 17th, Erie, Pa.
Georgia Car & Locomotive Co., Atlanta, Ga.
Goodwin Car Co., 17 Battery pl, New York
Helmick Fdry. & Machine Co., Fairmont, W. Va
Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
Kilbourne & Jacobs Mfg. Co. (Steel Side Opening, etc), Columbus, Oo.

LAKEWOOD BUILT TO LAST The LAKEWOOD ENGINEERING Co. CLEVELAND. OHIO. U.S.A

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. R. & R. Ry., Phila., Pa.
See adv index at end of book
Magor Car Corp., 30 Church, New York
Mead-Morrison Mfg. Co., c Prescott & Orleans, East Boston, Mass.
Mount Vernon Car Mfg. Co., Mount Vernon, Ill.
National Dump Car Co. (Drop Bottom), 80 E Jackson bl, Chicago, Ill.
Phillips, Doup & Co. ("National"), 60 Pearl, Brooklyn, N. Y.
Portland Co., Portland, Me.
Pressed Steel Car Co. (Steel & Composite), 307 5th av, Pittsburgh, Pa.
Ralston Steel Car Co., Columbus, O.
Sanford-Day Iron Works, Knoxville, Tenn.
Sharp Mfg. & Supply Co., New Phila., O.
Sheffield Car Co., Three Rivers, Mich.
Steel Car Co., Euclid, O.
STUEBNER G. L. IRON WORKS, Queensboro Terminal, Long Island City, N. Y. *See adv index at end of book*
Truax Mfg. Co., Denver, Col.
Union Iron Works, Hoboken, N. J.
United Iron Works Co., Kansas City, Mo.
Watt Mining Car Wheel Co., Barnesville, O.
Wellman-Seaver-Morgan Co., Cleveland, O.
Whitman Agricultural Co. (Wood), 6900 S B'way, St. Louis, Mo.
Youngstown Steel Car Co., Youngstown, O.

2010— Cars (Coke)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Atlas Car & Mfg. Co. (Quenching), Cleveland, O.
Atlas Enginering Co., Amherst, O.
See adv index at end of book
Cambria Steel Co. (Steel), Widener bldg, Phila., Pa.
Cement Tile Machinery Co., Waterloo, Ia.
Clark Car Co., 1624 Oliver bldg, Pittsburgh, Pa.
Georgia Car & Locomotive Co., Atlanta, Ga.
Goodwin Car Co., 17 Battery pl, New York
Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av, & P. & R. Ry., Phila., Pa.
See adv index at end of book
National Dump Car Co. (Drop Bottom), 80 E Jackson bl, Chicago, Ill.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.
Youngstown Steel Car Co., Youngstown, O.

2011— Cars (Combination)

National Dump Car Co. (Stock, Coke, Coal & Beet with Drop Bottom), 80 E Jackson bl, Chicago, Ill.

2011a—*Cars (Commercial, Gasoline)

CHICAGO PNEUMATIC TOOL CO. ("Little Giant") Fisher bldg, Chicago, Ill. *See adv index at end of book*

2012— Cars (Concrete)

See also Carts, Concrete

Acme Equipment & Engineering Co. ("Acme"), Garfield bldg, Cleveland, O.
Atlas Car & Mfg. Co., Cleveland, O.
Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
Blaker J. L. ("Blaker," Dumping), Blaker Mills, W. Va.
Cement Tile Machy. Co. ("Ideal" for Brick & Blocks), Waterloo, Ia.
Chase Foundry & Mfg. Co., 2700 Parsons av, Columbus, Ohio.
See adv index at end of book
Continental Car Co., Louisville, Ky.
EASTON CAR & CONSTRUCTION CO. 15 Center Square, Easton, Pa.
See adv index at end of book
Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
Insley Mfg. Co. (Controllable Side Dump & Bottom Dump), Indianapolis, Ind.
Kilbourne & Jacobs Mfg. Co. (Steel End Dump), Columbus, O.
Magor Car Corp., 30 Church, New York
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Ralston Steel Car Co., Columbus, O.
Ransome-Leach Co., 115 B'way, New York
Smith T. L. Co., 1151 32d, Milwaukee, Wis.
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Union Iron Works, Hoboken, N. J.
United Iron Works Co., Kansas City, Mo.
Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.
Youngstown Steel Car Co., Youngstown, O.

2013— *Cars (Contractors')

EASTON CAR & CONSTRUCTION CO. 15 Center Square, Easton, Pa.
See adv index at end of book
Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

2014— Cars (Core Oven)

Atlas Car & Mfg. Co., Cleveland, O.
Biehl Iron Wks., Inc., Reading, Pa.
Chase Foundry & Mfg. Co., 2700 Parsons av, Columbus, Ohio.
See adv index at end of book
Easton Car & Construction Co., 15 Center Square, Easton, Pa.
See adv index at end of book

Four-wheel and Six-wheel Core Oven Cars of Standard or Special design. Also Billet Cars and Cars for every steel mill, foundry and industrial purpose.

Catalogs or Service

EASTON CAR & CONSTN CO

15 CENTER SQUARE, EASTON PA.

Foundry Equipt. Co., 1833 Columbus rd, Cleveland, O.
Hoisting Machinery Co., 50 Church, New York *See adv index at end of book*
Hunt, C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
LAKEWOOD ENGINEERING CO., Cleveland, O.

LAKEWOOD BUILT TO LAST The LAKEWOOD ENGINEERING Co. CLEVELAND. OHIO. U.S.A

NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book
Penn Foundry & Mfg. Co., Reading, Pa.
See adv index at end of book
Sheffield Car Co., Three Rivers, Mich.
United Iron Works Co., Kansas City, Mo.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.
Youngstown Steel Car Co., Youngstown, O.

2014a— *Cars (Cradle Dump)

EASTON CAR & CONSTRUCTION CO. 15 Center Square, Easton, Pa.
See adv index at end of book

2015— *Cars (Creosoting)

EASTON CAR & CONSTRUCTION CO. 15 Center Square, Easton, Pa.
See adv index at end of book
LAKEWOOD ENGINEERING CO., Cleveland, O. *See adv index at end of book*

2016— *Cars (Derrick)

American Bridge Co., 30 Church, New York
Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
CLYDE IRON WORKS (Mounted on Cars), Duluth, Minn.
See adv index at end of book
Hoisting Machinery Co., 50 Church, New York *See adv index at end of book*
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book

2016a—*Cars (Double Deck)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

2016b—*Cars Double (Truck)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

2017— Cars (Drop Bottom)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis.
See adv index at end of book
American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Atlas Car & Mfg. Co., Cleveland, O.
Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
Barney & Smith Car Co., Dayton, O.
Cement Tile Machinery Co., Waterloo, Ia.
Chase Foundry & Mfg. Co., 2700 Parsons av, Columbus, Ohio.
See adv index at end of book
Chattanooga Car & Fdry. Co., Chattanooga, Tenn.
Clark Car Co., 1624 Oliver bldg, Pittsburgh, Pa.
Continental Car Co., Louisville, Ky.
ERIE CAR WORKS, 1150 W 17th, Erie, Pa.
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J. *See adv index at end of book*
Georgia Car & Locomotive Co., Atlanta, Ga.
Goodwin Car Co., 17 Battery pl, New York
Haskell & Barker Car Co., Michigan City, Ind.
Helmick Fdry. & Machine Co., Fairmont, W. Va.
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
Insley Mfg. Co. (Controllable Concrete), Indianapolis, Ind.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Magor Car Corp., 30 Church, New York
Mount Vernon Car Mfg. Co., Mount Vernon, Ill.
National Dump Car Co., 80 E Jackson blvd, Chicago, Ill.
Ralston Steel Car Co., Columbus, O.
Ramapo Iron Works, Hillburn, N. Y.
Sheffield Car Co., Three Rivers, Mich.
Smith T. L. Co., 1151 32d, Milwaukee, Wis.
Steel Car Co., Euclid, O.

Steubner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Whitman Agricultural Co. (Wood & Steel), 7000 S B'way, St. Louis, Mo.
Youngstown Steel Car Co., Youngstown, O.

2018-19— Cars (Dryer)

Atlas Car & Mfg. Co., Cleveland, O.
Bonnot Co., Canton, O.
Chambers Bros. Co., 52d nr. Lancaster av., Philadelphia, Pa.
Chase Foundry & Mfg. Co., 2700 Parsons av, Columbus, Ohio.
See adv index at end of book
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J. *See adv index at end of book*
Globe Machinery & Supply Co., Des Moines, Ia.
LAKEWOOD ENGINEERING CO., Cleveland, O. *See adv index at end of book*
Magor Car Corp., 30 Church, New York
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Railway & Power Equipment Co., 120 Liberty, New York
Sharp Mfg. & Supply Co., New Phila., O.
Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

2020—*Cars (Dump, Industrial)

EASTON CAR & CONSTRUCTION CO., 15 Center Square, Easton, Pa.
See adv index at end of book

2021—*Cars (Dump, Side & Bottom)

EASTON CAR & CONSTRUCTION CO.
15 Center Square, Easton, Pa.
See adv index at end of book

2022— Cars (Dumping)

See also Cars, Mine

Acme Road Machy. Co., Frankfort, N. Y.
Akron Cultivator Co. (Hand Dump), Akron, O.
American Car & Foundry Co. ("Page" Patented), Syndicate Trust bldg, St. Louis, Mo.
American Clay Machinery Co. (Steel & Wood), S Walnut, Bucyrus, O.
Atlas Car & Mfg. Co. (Electric, End, Bottom, Either Side, Rocker, Rotary, etc), Cleveland, O.
Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
Austin Mfg. Co. (Automatic), 901 S Michigan av, Chicago, Ill.
Bonnot Company, Canton, O.
Brill J. G. Co., 62d & Woodland av, Phila., Pa.
Buffalo Pitts Co. (Contractors), Buffalo, N. Y.
Cement Tile Machinery Co., Waterloo, Ia.
Chase Foundry & Mfg. Co., 2700 Parsons av, Columbus, Ohio.
See adv index at end of book
Chattanooga Car & Foundry Co., Chattanooga, Tenn.
Clark Car Co. (Steel Balanced Door), 1624 Oliver bldg, Pittsburgh, Pa.
Continental Car Co., Louisville, Ky.
Denver Engineering Works Co., Denver, Colo.
Differential Car Co., Inc., 141 B'way, New York
Dillon-Box Iron Works Co., Denver, Colo.
Dobbie Foundry & Machine Co., Main Office & Works, Niagara Falls, N. Y.
EASTON CAR & CONSTRUCTION CO., 15 Center Square, Easton, Pa.
See adv index at end of book
Empire Supply Co. (Steel Automatic End Dump), North Miami, Okla.
Feter Machine Works, Pittston, Pa.
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J. *See adv index at end of book*
Goodwin Car Co., 17 Battery pl, New York
Haskell & Barker Car Co., Michigan City, Ind.
Helmick Fdry & Machine Co., Fairmont, W. Va.
Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
Insley Mfg. Co. (Controllable Side & Bottom Concrete), Indianapolis, Ind.
International Clay Machinery Co., Dayton, Ohio.
Inter-State Car Co., Indianapolis, Ind.
Irwin Foundry & Mine Car Co. (Contractors, etc), Irwin, Pa.
Kalamazoo Railway Supply Co. (Contractors'), Kalamazoo, Mich.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lake Shore Engine Works (Rotary, etc., All Kinds), Marquette, Mich.
LAKEWOOD ENGINEERING CO. (Steel Body Side Rocker Dump, Steel Body End Dump, V-Dump & Wood Body End Dump), Cleveland, O.
See adv index at end of book
LINK-BELT COMPANY (Side & Bottom Dump, etc), 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
MACHINERY WAREHOUSE & SALES CO., Old Colony bldg, Chicago, Ill.
Magor Car Corp., 30 Church, New York
Mount Vernon Car Mfg. Co., Mount Vernon, Ill.
National Dump Car Co. (Gondola, Drop Bottom), 80 E Jackson blvd, Chicago, Ill.
Oliver Wm. J. Mfg. Co. (Contractors' All Steel Frame Cars, Automatic Couplers & Air Brakes), Knoxville, Tenn.
Phillips, Doup & Co. ("National"), 60 Pearl, Brooklyn, N. Y.
Port Huron Engine & Thresher Co. (For Hauling Stone Gravel, etc., for Macadam Roads), Port Huron, Mich.
Portland Co., Portland, Me.
Pressed Steel Car Co., 307-5th av., Pittsburgh, Pa.
Ralston Steel Car Co., Columbus, O.
Ramapo Iron Works, Hilburn, N. Y.
Rodger Balast Car Corp., Railway Exchange bldg, Chicago, Ill.
Russel Wheel & Foundry Co., Detroit, Mich.
Sanford-Day Iron Works, Knoxville, Tenn.
Sheffield Car Co., Three Rivers, Mich.
Stedman's Foundry & Machine Works (For Fertilizer Works), Aurora, Ind.
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Summers Steel Car Co. (Gravity), Oliver bldg, Pittsburgh, Pa.
Treadwell M. H. Co., 140 Cedar, New York
Truax Mfg. Co. (Jno. T. Plummer, Prop.), (Steel), Denver, Colo.
TURL IRON & CAR CO., INC., THE, 50 Broad, New York. Works: Newburgh, N. Y.
Union Iron Works (Steel), Hoboken, N. J.
United Iron Works Co., Kansas City, Mo.
Western Wheeled Scraper Co., Aurora, Ill.
Whitman Agricultural Co. (Wood & Steel), 7000 S B'way, St. Louis, Mo.
Youngstown Steel Car Co. (All Steel, Automatic or Hand, Rocker, Side Dump, Rotary Dump, etc), Youngstown, O.

2023—Cars (Dumping, Railroad)

Clark Car Co., 1624 Oliver bldg, Pittsburgh, Pa.
Goodwin Car Co., 17 Battery pl, New York
Railway & Power Equipment Co., 120 Liberty, New York

2023a— *Cars (Electric)

Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book

2024—*Cars (Electric Conveying)

Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book

2024a— *Cars (End Dump)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

2024b—*Cars (Extension Side Dump)

CLARK CAR CO., 1624 Oliver bldg., Pittsburgh, Pa.

2024c— *Cars (Fertilizer)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

2025— Cars (Fibre)

See Trucks, Mill

2026— Cars (Flat)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Atlas Car & Mfg. Co., Cleveland, O.
Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
Baltimore Car & Fdry Co., Pittsburgh, Pa.
Barney & Smith Car Co. (Steel & Wood), Dayton, O.
Bettendorf Co. (All Steel), Bettendorf, Ia.
Cambria Steel Co. (Steel), Widener bldg, Phila., Pa.
Chattanooga Car & Fdry Co., Chattanooga, Tenn.
EASTON CAR & CONSTRUCTION CO., 15 Center Square, Easton, Pa.
See adv index at end of book
ERIE CAR WORKS, 1150 W 17th, Erie, Pa.
Ga. Car & Locomotive Co., Atlanta, Ga.
Haskell & Barker Car Co., Michigan City, Ind.
Hoisting Machinery Co., 50 Church, New York. *See adv index at end of book*
Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
Insley Mfg. Co. (Skeleton Steel Frame Industrial), Indianapolis, Ind.
Magor Car Corp., 30 Church, New York
Mount Vernon Car Mfg. Co., Mount Vernon, Ill.
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Portland Co. (Narrow Gauge), Portland, Me.
Ralston Steel Car Co., Columbus, O.
Ramapo Iron Works, Hillburn, N. Y.
Russel Wheel & Foundry Co., Detroit, Mich.
Sheffield Car Co. (Wood), Three Rivers, Mich.
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Western Steel Car & Foundry Co., Peoples Gas bldg, Chicago, Ill.
Western Wheeled Scraper Co., Aurora, Ill.
Youngstown Steel Car Co., Youngstown, O.

2027— Cars (Foundry)

Akron Cultivator Co., Akron, O.
Atlas Car & Mfg. Co. (Ladle, Foundry, etc), Cleveland, O.
Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
CHASE FOUNDRY & MFG. CO., 2700 Parsons av, Columbus, Ohio
See adv index at end of book
EASTON CAR & CONSTRUCTION CO.
15 Center Square, Easton, Pa.
See adv index at end of book
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J. *See adv index at end of book*
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
Jackson Mfg. Co., Harrisburg, Pa.
See adv index at end of book
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Magor Car Corp., 30 Church, New York
Penn Foundry & Mfg. Co., Reading, Pa.
See adv index at end of book
Russel Wheel & Foundry Co., Detroit, Mich.
Sheffield Car Co., Three Rivers, Mich.
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
United Iron Works Co., Kansas City, Mo.
Variety Iron & Steel Works Co., Hamilton av & E. 40th (For Steel Works, etc.), Cleveland, O.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.
Youngstown Steel Car Co., Youngstown, O.

2028— Cars (Freight)

American Car & Foundry Co. (Wooden & Steel), Syndicate Trust bldg, St. Louis, Mo.
Atlas Car & Mfg. Co., Cleveland, O
Baltimore Car & Foundry Co. (Metal, Wood & Composite), Pittsburgh, Pa.
Barney & Smith Car Co. (Steel & Wood), Dayton, O.
Brill J. G. Co., 62nd & Woodland av, Phila., Pa.
Cambria Steel Co. (Steel), Widener bldg, Phila, Pa.
Chattanooga Car & Foundry Co., Chattanooga, Tenn.
ERIE CAR WORKS, 1150 W 17th, Erie, Pa.
Georgia Car & Locomotive Co., Atlanta, Ga.

CARS (FREIGHT)—continued

Haskell & Barker Car Co., Michigan City, Ind.
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
Inter-State Car Co., Indianapolis, Ind.
Keith Car & Mfg. Co., Sagamore, Mass.
Laconia Car Co., 60 Congress, Boston, Mass.
Lewis Henry, & Co., Commercial Trust bldg, Philadelphia, Pa.
McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg, Chicago, Ill.
Magor Car Corp., 30 Church, New York
Middletown Car Co., Middletown, Pa.
Mount Vernon Car Mfg. Co., Mount Vernon, Ill.
Portland Co. (Narrow Gauge), Portland, Me.
Pressed Steel Car Co. (Steel & Composite), 307 5th av, Pittsburgh, Pa.
Pullman Co., Pullman bldg, Chicago, Ill.
Ralston Steel Car Co. (Steel & Wooden), Columbus, O.
Ramapo Iron Works, Hillburn, N. Y.
Rodger Ballast Car Co. ("Hart," Convertible), Railway Ex bldg, Chicago, Ill.
Sheffield Car & Equipment Co., Sheffield, Mo.
Standard Steel Car Co. (All Steel & Composite Steel & Wood), A. V. R. R., Pittsburgh, Pa.
Steel Car Co., Euclid. O
Summers Steel Car Co., Oliver bldg, Pittsburgh, Pa.
Western Steel Car & Foundry Co. (Wood & Steel), Peoples Gas bldg, Chicago, Ill.
Youngstown Steel Car Co. (Standard), Youngstown, O.

2029— Cars (Gable Bottom)

EASTON CAR & CONSTRUCTION CO., 15 Center sq, Easton, Pa.
See adv index at end of book
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
Youngstown Steel Car Co., Youngstown, O.

2030-1— Cars (Gas Coke)

Akron Cultivator Co., Akron, O.
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J. *See adv index at end of book*
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
Magor Car Corp., 30 Church, New York
Ralston Steel Car Co., Columbus, O.
Ramapo Iron Works, Hillburn, N. Y.
Youngstown Steel Car Co., Youngstown, O.

2032— Cars (Gondola)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Barney & Smith Car Co., Dayton, O.
Bettendorf Co., Bettendorf, Ia.
Cambria Steel Co. (Also Steel Hopper **Gondola), Widener bldg, Phila., Pa.**
Chattanooga Car & Fdry. Co., Chattanooga, Tenn.
Continental Car Co., Louisville, Ky.
ERIE CAR WORKS, 1150 W 17th, Erie, Pa.
Hoisting Machinery Co., 50 Church, New York. *See adv index at end of book*
Magor Car Corp. (Steel), 30 Church, New York
Marsh Refrigerator Service Co., Pt. Washington rd, Milwaukee, Wis.
Merchants Despatch Transportation Co., East Rochester, N. Y.
National Dump Car Co. (Dumping Drop Bottom), 80 E Jackson blvd, Chicago, Ill.
Ralston Steel Car Co. (Self-Cleaning Drop Bottom), Columbus, O.
Rodger Ballast Car Co. ("Hart" Convertible), Railway Exch bldg, Chicago, Ill.
Standard Steel Car Co., A. V. R. R., Pittsburgh, Pa.
Steel Car Co., Euclid, O.
Youngstown Steel Car Co., Youngstown, O.

2033— Cars (Gravity Dump)

Clark Car Co., 1624 Oliver bldg, Pittsburgh, Pa.
Goodwin Car Co., 17 Battery pl, New York
Summers Steel Car Co. ("Summers"), Oliver bldg, Pittsburgh, Pa.

2034— Cars (Hand & Push)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Atlas Car & Mfg. Co., Cleveland, O.
Atlas Engineering Co., Amherst, O.
See adv index at end of book
Buda Co., Railway Exch bldg, Chicago, Ill.
Chase Foundry & Mfg. Co., 2700 Parsons av, Columbus, O.
See adv index at end of book
Chattanooga Car & Foundry Co., Chattanooga, Tenn.
Continental Car Co., Louisville, Ky.
EASTON CAR & CONSTRUCTION CO. (All Hand Dump), 15 Center sq, Easton, Pa. *See adv index at end of book*
Exeter Machine Works, Pittston, Pa.
Fairbanks, Morse & Co. ("Sheffield"), 900 S Wabash av, Chicago, Ill.
Glover Machine Works, Marietta, Ga.
Hunt C. W. Co. (Also Hand Dump), West New Brighton, N. Y.
See adv index at end of book
Kalamazoo Railway Supply Co. (Section), Kalamazoo, Mich.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lansing Co., Lansing, Mich.
Magor Car Corp., 30 Church, New York
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Ramapo Iron Works, Hillburn, N. Y.
Sheffield Car Co. (Steel), Three Rivers, Mich.
Standard Scale & Supply Co., The (Hand), 1631 Liberty av, Pittsburgh, Pa.
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.
Whitman Agricultural Co. (Wood), 7000 S B'way, St. Louis, Mo.
Youngstown Steel Car Co., Youngstown, O.

2035— Cars (Hopper)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Cambria Steel Co. (Steel), Widener bldg, Phila., Pa.
Clark Car Co., 1624 Oliver bldg, Pittsburgh, Pa.
Continental Car Co., Louisville, Ky.
EASTON CAR & CONSTRUCTION CO., 15 Center square, Easton, Pa.
See adv index at end of book
ERIE CAR WORKS, 1150 W 17th, Erie, Pa.
Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
Jackson Mfg. Co. (Drop Bottom), Harrisburg, Pa. *See adv index at end of book*
LAKEWOOD ENGINEERING CO., Cleveland, O. *See adv index at end of book*
Ralston Steel Car Co., Columbus, O.
United Iron Works Co., Kansas City, Mo.
Western Steel Car & Foundry Co., Peoples Gas bldg, Chicago, Ill.
Youngstown Steel Car Co., Youngstown, O.

2036—Cars (Hot Metal or Slag)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Atlas Car & Mfg. Co., Cleveland, O.
Atlas Engineering Co., Amherst, O.
See adv index at end of book
Connelly D., Boiler Co., Ivanhoe rd & N. Y. & St. L. R. R., Cleveland, O.
Denver Engineering Works Co. (Slag Only), Denver, Col.
Dillon Box Iron Works Co. (Slag), Denver, Col.
EASTON CAR & CONSTRUCTION CO., 15 Center Square, Easton, Pa.
See adv index at end of book
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J. *See adv index at end of book*
Goodwin Car Co. (Slag), 17 Battery pl, New York
Hunt C. W. Co. (Cinder), West New Brighton, N. Y.
See adv index at end of book
Jackson Mfg. Co., Harrisburg, Pa.
See adv index at end of book
Magor Car Co., 30 Church, New York
Penna. Engineering Works, New Castle, Pa.
Pollock Wm. B. Co. ("P. T. Berg," for Cinder & Hot Metal), Youngstown, O.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Ramapo Iron Works, Hillburn, N. Y.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Sheffield Car Co., Three Rivers, Mich.
Treadwell M. H. Co. of Illinois, 208 S La Salle, Chicago, Ill.
Treadwell M. H. Co., 140 Cedar, New York
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
United Engineering & Foundry Co., 307 5th av, Pittsburgh, Pa.
United Iron Works Co., Kansas City, Mo.
Weimer Machine Works Co. (Any Capacity & Style), Lebanon, Pa.
Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.
Youngstown Steel Car Co., Youngstown, O.

2037— Cars (Industrial)

See also Railways, Industrial & Portable
Akron Cultivator Co., Akron, O.
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Atlas Car & Mfg. Co. (Narrow Gauge Railway), Cleveland, O.
ATLAS ENGINEERING CO., Amherst, O.
See adv index at end of book
Baker Iron Wks., 912 No. B'way, Los Angeles, Cal.
Biehle Iron Wks., Inc., Reading, Pa.
CHASE FOUNDRY & MFG. CO., 2700 Parsons av, Columbus, O.
See adv index at end of book
Clark Car Co., 1624 Oliver bldg, Pittsburgh, Pa.
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
Continental Car Co., Louisville, Ky.
Dillon Box Iron Wks., 1845 Blake, Denver, Col.
Dobbie Foundry & Machine Co., Main Office & Works: Niagara Falls, N. Y.
EASTON CAR & CONSTRUCTION COMPANY, 15 Center square, Easton, Pa.
See adv index at end of book
Exeter Machine Works, Pittston, Pa.
Fairmont Gas Engine & Railway Motor Car Co., Fairmont, Minn.
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J. *See adv index at end of book*
Globe Machinery & Supply Co. (Cement), Des Moines, Ia.
Goodwin Car Co., 17 Battery pl, New York
HUNT C. W. CO., West New Brighton, N. Y. *See adv index at end of book*
Insley Mfg. Co. (Skeleton Steel Frame Flat), Indianapolis, Ind.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
LAKEWOOD ENGINEERING CO., Cleveland, O. *See adv index at end of book*

LAKEWOOD BUILT TO LAST The LAKEWOOD ENGINEERING Co. CLEVELAND. OHIO U.S.A

Llewellyn Iron Wks., 1100 Main, Los Angeles, Cal.
Magor Car Corp., 30 Church, New York
Mead-Morrison Mfg. Co., Cor Prescott & Orleans, East Boston, Mass.
Mineral Ridge Mfg. Co., Mineral Ridge, Ohio
Mundy J. S. Hoisting Engine Co. (Self-Propelling), 722 Frelinghuysen av, Newark, N. J.
See adv index at end of book
PENN FOUNDRY & MFG. CO., Reading, Pa. *See adv index at end of book*
Penn Tank Car Co., 503 Market, Sharon, Pa., and San Francisco, Cal.
Plains Iron Wks. Co., 8th and Lorimer, Denver, Col.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Ralston Steel Car Co., Columbus, O.
Ramapo Iron Works, Hillburn, N. Y.
Russel Wheel & Foundry Co., Detroit, Mich.
Sanford-Day Iron Works, Knoxville, Tenn.
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Truax Mfg. Co., Denver, Col.
Treadwell M. H. Co. 140 Cedar, New York
Treadwell M. H. Co., of Illinois, 208 S. La-Salle, Chicago, Ill.
Union Iron Works, Hoboken, N. J.
United Iron Works Co., Kansas City, Mo.

Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.
Worthington Pump & Machy. Corp. (Steel), 115 B'way, New York
See adv index at end of book
Youngstown Steel Car Co., Youngstown, O.

2038— Cars (Ingot)

Aetna Foundry & Machine Co., Warren, O.
American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Atlas Car & Mfg. Co. (Steel), Cleveland, O.
Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
EASTON CAR & CONSTRUCTION CO., 15 Center Square, Easton, Pa.
See adv index at end of book
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J. *See adv index at end of book*
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
Magor Car Corp., 30 Church, New York
Marshall Foundry Co, Pittsburgh, Pa.
Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book
Pennsylvanita Engng. Works, New Castle, Pa.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Sheffield Car Co. (Steel), Three Rivers, Mich.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
Treadwell M. H. Co. of Illinois, 208 S La
Treadwell M. H. Co., 140 Cedar, New York
United Engineering & Foundry Co., 307 5th av, Pittsburgh, Pa.
Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.
Youngstown Steel Car Co., Youngstown, O.
Youngstown Foundry & Machine Co., Youngstown, O.

2039— Cars (Inspection)

See also Cars, Motor, Inspection

American Car & Foundry Co., Syndicate Trust bldg, St. oLuis, Mo.
Buda Co., Railway Exch. bldg., Chicago, Ill.
Fairbanks, Morse & Co. ("Sheffield"), 900 S Wabash av, Chicago, Ill.
Hotchkiss, Blue & Co., 80 E Jackson bl, Chicago, Ill.
Kalamazoo Ry. Supply Co., Kalamazoo, Mich.
Northwestern Steel & Iron Works, Eau Claire, Wis.
St. Louis Car Co., 8000 N. B'way, St. Louis, Mo.
Sheffield Car Co., Three Rivers, Mich.
Teeter-Hartley Motor Co., Hagerstown, Ind.

2040— Cars (Interurban)

See Cars, Street & Electric

2041—Cars (Interurban Gasoline)

McKeen Motor Car Co. ("McKeen"), Omaha, Neb.

Cars (Ladle)

See Cars, Foundry

2042— Cars (Liquid Cinder)

See also Cars, Hot Metal & Slag

Hartman Co. (End & Side Dump), 1231 N Front, Phila., Pa.
HUNT C. W. CO., West New Brighton, N. Y. *See adv index at end of book*
Weimer Machine Works Co. (Hand or Power Dump, Air, Electric & Steam Power), Lebanon, Pa.
Youngstown Steel Car Co., Youngstown, O.

2043— Cars (Logging)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Atlas Car & Mfg. Co., Cleveland, O.
Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
Barney & Smith Car Co., Dayton, O.
Bettendorf Co., Bettendorf, Ia.
Butterworth & Lowe, Grand Rapids, Mich.
Chase Foundry & Mfg. Co., 2700 Parsons av, Columbus, O.
See adv index at end of book
Chattanooga Car & Foundry Co., Chattanooga, Tenn.
Climax Mfg. Co., Corry, Pa.
Continental Car Co., Louisville, Ky.
Dilley Foundry Co., Pine Bluff, Ark.
Dilley Geo. E. & Son, Palestine, Tex.
ERIE CAR WORKS, 1150 W 17th, Erie, Pa.
Georgia Car & Locomotive Co., Atlanta, Ga.
Helmick Fdry & Machine Co., Fairmont, W. Va.
Holt Mfg. Co., Stockton, Cal.
Magor Car Corp., 30 Church, New York
Marshall Car Wheel & Fdry Co., Marshall Tex.
Moffitt Iron Works Co., Sanford, N. C.
Mount Vernon Car Mfg. Co., Mount Vernon, Ill.
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Portland Co. (Log Bunks), Portland, Me.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Raleigh Iron Works Co., Raleigh, N. C.
Ralston Steel Car Co., Columbus, O.
Ramapo Iron Works, Hillburn, N. Y.
Russel Wheel & Foundry Co., Detroit, Mich.
Sanford-Day Iron Works, Knoxville, Tenn.
Sheffield Car Co., Three Rivers, Mich.
Tredegar Co., Richmond, Va.
Union Iron Works Co., Selma, Ala.
Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.
Youngstown Steel Car Co., Youngstown, O.

2044— Cars (Matte Tapping)

Pacific Foundry Co. ("Kilker's Patent), 18th & Harrison, San Francisco, Cal.

2044a—Cars (Mine, Rail & Machy.)

Baird Machinery Co., 123 Water, Pittsburgh, Pa.

2045— Cars (Mine & Ore)

ALLIS-CHALMERS MFG. CO., (Electric) Milwaukee, Wis.
See adv index at end of book
American Bridge Co., 30 Church, New York
American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Atlas Car & Mfg. Co., Cleveland, O.
Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
Barney & Smith Car Co., Dayton, O.
Brill J. G. Co., 62d & Woodland av, Phila., Pa.
Chattanooga Car & Foundry Co., Chattanooga, Tenn.
Cherry Tree Machine Co., Cherry Tree, Pa.
Clark Car Co. (Steel Dumping), 1624 Oliver bldg., Pittsburgh, Pa.
Connellsville Machine & Car Supply Co., Connellsville, Pa.
Continental Car Co., Louisville, Ky.
Denver Engineering Works Co., Denver, Colo.
Dillon Box Iron Works Co., Denver, Col.
Duncan Foundry & Machine Works, Alton, Ill.
Eagle Iron Works (Coal Ouly), Des Moines, Ia.
EASTON CAR & CONSTRUCTION CO., 15 Center Square, Easton, Pa.
See adv index at end of book
Egyptian Iron Works, Murphysboro, Ill.
Ellison Wm. & Sons Mfg. Co., St. Louis, Mo.
Engineering Works, Van Buren, Ark.
Exeter Machine Works, Pittston, Pa.
Fairmont Mining Machinery Co., Fairmont, W. Va.
Fulton Pit Car Co., Canal Fulton, O.
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J. *See adv index at end of book*
Galena Iron Works Corp. (Steel & Wood), Galena, Ill.
Goodwin Car Co., 17 Battery pl, New York
Great Western Mfg. Co., Leavenworth, Kan.
Gustafson Mfg. Co., Chattanooga, Tenn.
Harman & Hassert, Bloomsburg, Pa.
Harris-Stevens Co., Pittsburgh, Pa.
Hassell Iron Works Co., Colorado Springs, Col.
Helmick Foundry & Machine Co., Fairmont, W. Va.
Hempfield Foundry, Greensburg, Pa.
Hendrick Mfg. Co. (Steel), Carbondale, Pa.
Hendrie & Bolthoff Mfg. & Supply Co., Denver, Colo.
Hendy J. Iron Works, 75 Tremont, San Francisco, Cal.
Herzler & Henninger Machine Works (Coal Mine), Belleville, Ill.
Hockensmith Wheel & Mine Car Co. (Wood, Steel or Combination), Penns Station, Pa.
Imperial Iron Works, Duluth, Minn.
Irwin Foundry & Mine Car Co., Irwin, Pa.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Kanawha Mine Car Co., Charleston, W. Va.
Kilbourne & Jacobs Mfg. Co. (Pressed Steel, Side & Rotary Dump, Hopper, etc), Columbus, O.
Ladel Mfg. Co., New Phila., O.
Lake Shore Engine Works (Of All Kinds), Marquette, Mich.

LAKEWOOD BUILT TO LAST The LAKEWOOD ENGINEERING Co. CLEVELAND. OHIO. U.S.A

Lansing Co. (Steel, etc), Lansing, Mich.
McFarlane Mfg. Co., Denver, Colo.
Magor Car Corp., 30 Church, New York
Mineral Ridge Mfg. Co., Mineral Ridge, O.
Mount Carmel Iron Works, Mt. Carmel, Pa.
Mount Vernon Car Mfg. Co., Mt. Vernon, Ill.
National Iron Works, Spokane, Wash.
Niles Mine & Mill Supply Co., Cleveland, O.
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Ottumwa Box Car Loader Co., Ottumwa, Ia.
Ottumwa Iron Works, Ottumwa, Ia.
Pennsylvania Engineering Works, New Castle, Pa.
Phillips, Doup & Co., 60 Pearl, Brooklyn, N. Y.
Phillips Mine & Mill Supply Co. (Steel & Wood), 2227 Jane, Pittsburgh, Pa.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Prox Frank Co., Terre Haute, Ind.
Punxsutawney Foundry & Machine Co., Punxsutawney, Pa.
Ralston Steel Car Co., Columbus, O.
Ramapo Iron Works, Hillburn, N. Y.
Republic Structural Iron Wks. Co., 1350 E 53rd, Cleveland, O.
Rome Machine & Fdry. Co., Rome, Ga.
Russel Wheel & Foundry Co., Detroit, Mich.
Sanford-Day Iron Works, Knoxville, Tenn.
Sheffield Car Co., Three Rivers, Mich.
Salt Lake Iron & Steel Co., Salt Lake City, Utah
Southern Illinois Machine & Foundry Co., Murphysboro, Ill.
Star Mfg. Cfo., New Lexington, O.
Stine S. B., Osceola Mills, Pa.
STUEBNER G. L. IRON WORKS, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Suppes Forge & Foundry Co., Johnstown, Pa.
Traylor Engineering & Mfg. Co., Allentown, Pa.
Truax Mfg. Co., Denver, Colo.
Turl Iron & Car Co., Inc., The, 50 Broad, New York. Works: Newburgh, N. Y.
Union Iron Works, Spokane, Wash.
United Iron Works Co., Kansas City, Mo.
Watt Mining Car Wheel Co. (Steel, etc), Barnesville, O.
Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.
Youngstown Steel Car Co., Youngstown, O.

2046— Cars (Mold Drying)

CHASE FOUNDRY & MFG. CO., 2700 Parsons av, Columbus, O.
See adv index at end of book
Easton Car & Construction Co., 15 Center Square, Easton, Pa.
See adv index at end of book
United Iron Works Co., Kansas City, Mo.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.

2047—Cars (Motor, Inspection)

See also Cars, Inspection; also Cars, Velocipede

Buda Co., Railway Exchange bldg, Chicago Ill.

CARS (MOTOR, INSPECTION)—continued

CHICAGO PNEUMATIC TOOL CO. (Gasoline), Fisher bldg, Chicago, Ill.
See adv index at end of book

Fairbanks, Morse & Co. ("Sheffield" Gasoline & Kerosene), 900 S Wabash av, Chicago, Ill.

Fairmont Gas Engine & Railway Motor Car Co., Fairmont, Minn.

Kalamazoo Ry Supply Co., Kalamazoo, Mich.

Mudge & Co. (Gasoline), 80 E Jackson blvd, Chicago, Ill.

Nichols, Geo. P. & Bro., Old Colony bldg, Chicago, Ill.

Northwestern Steel & Iron Works, Eau Claire, Wis.

Railway Specialty Co., Atchison, Kan.

Sheffield Car Co. (Steel), Three Rivers, Mich.

Teeter-Hartley Motor Co., Hagerstown, Ind.

2047a—*Cars (Narrow Gauge)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

2048— Cars (Passenger)

See also Cars, Street & Electric

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.

Barney & Smith Car Co. (Coaches, Sleepers, Dining, Private, Cafe, Baggage, Postal, Parlor, Observation, All Steel & Steel & Wood), Dayton, O.

Bradley Osgood Car Co., Worcester, Mass.

Brill J. G. Co., 62d & Woodland av, Philadelphia, Pa.

Georgia Car & Locomotive Co., Atlanta, Ga.

Hall-Scott Motor Car Co. ("Hall-Scott"), Crocker bldg, San Francisco, Cal.

Harlan & Hollingsworth Corp., ft of West, Wilmington, Del.

Hoisting Machinery Co., 50 Church, New York *See adv index at end of book*

Hotchkiss, Blue & Co., 80 E Jackson blvd, Chicago, Ill.

Jewett Car Co. ("Jewett"), Newark, O.

McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg, Chicago, Ill.

McKeen Motor Car Co. ("McKeen" Gasoline), Omaha, Neb.

Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.

Pullman Co., Pullman bldg, Chicago, Ill.

St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

Standard Steel Car Co. (All Steel & Composite Steel & Wood), A. V. R. R., Pittsburgh, Pa.

2048a— *Cars (Pig Iron)

CHASE FOUNDRY & MFG. CO., 2700 Parsons av, Columbus, O.
See adv index at end of book

EASTON CAR & CONSTRUCTION CO., 15 Center Square, Easton, Pa.
See adv index at end of book

2049— Cars (Pit)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*

Atlas Engineering Co., Amherst, Ohio
See adv index at end of book

Helmick Fdry & Machine Co., Fairmount, W. Va.

Marshall Foundry Co. (Soaking Pit), Pittsburgh, Pa.

Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.

Stine S. B., Osceola Mills, Pa.

United Iron Works Co. (Coal), Kansas City, Mo.

Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Il.

Youngstown Steel Car Co., Youngstown, O.

2050— Cars (Plantation)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.

Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book

Atlas Engineering Co., Amherst, Ohio
See adv index at end of book

Brill J. G. Co., 62d & Woodland av, Philadelphia, Pa.

Buda Co., Railway Ex. bldg, Chicago, Ill.

Chase Foundry & Mfg. Co., 2700 Parsons av, Columbus, O.
See adv index at end of book

Chattanooga Car & Foundry Co., Chattanooga, Tenn.

Continental Car Co., Louisville, Ky.

Focht Geo. Sons, 117-119 Adams, Hoboken, N. J. *See adv index at end of book*

Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book

Kalamazoo Railway Supply Co. (Cane), Kalamazoo, Mich.

Kilbourne & Jacobs Mfg. Co. (Steel Standard & Shovel Nose, etc), Columbus. O.

Kilby Car & Foundry Co. (Cane), Anniston, Ala.

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

Magor Car Corp., 30 Church, New York

Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.

Ramapo Iron Works, Hillburn, N. Y.

Sheffield Car Co., Three Rivers, Mich.

TURL IRON & CAR CO., INC. THE, 50 Broad, New York. Works: Newburgh, N. Y.

Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Il.

Youngstown Steel Car Co. (Steel Sugar Cane, etc), Youngstown, O.

2051—Cars (Plate & Sheet Mill)

Atlas Car & Mfg. Co. (Steel), Cleveland, O. *See adv index at end of book*

Atlas Engineering Co., Amherst, Ohio

EASTON CAR & CONSTRUCTION CO., 15 Center sq, Easton, Pa.
See adv index at end of book

Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.

Sheffield Car Co. (Steel), Three Rivers, Mich.

Weimer Machine Works Co., Lebanon, Pa.

Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

Youngstown Steel Car Co., Youngstown, O.

2051a— *Cars (Platform)

Platform Cars with or without stake pockets and stakes, brakes or removable sides and ends. Also specials with raised decks or undersling Transfer Cars.

Catalogs or Service

EASTON CAR & CONST'N CO.

15 CENTER SQUARE, EASTON PA.

Easton Car & Construction Co., 15 Easton Square, Easton, Pa.
See adv index at end of book

LAKEWOOD BUILT TO LAST The LAKEWOOD ENGINEERING Co. CLEVELAND. OHIO. U.S.A

2052— Cars (Pole Road)

Butterworth & Lowe, Grand Rapids, Mich.

Sanford-Day Iron Works, Knoxville, Tenn.

2052a— *Cars (Quarry)

See also Cars, Industrial

LAKEWOOD BUILT TO LAST The LAKEWOOD ENGINEERING Co. CLEVELAND. OHIO U.S.A

2052b— *Cars (Rack)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

2052c—*Cars (Radial Gate Hopper)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL REGISTER

2053—Cars (Railroad, Repaired or Rebuilt)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.

ERIE CAR WORKS, 1150 W 17th, Erie, Pa.

Georgia Car & Locomotive Co., Atlanta, Ga.

Grant Locomotive & Car Works, Houston, Tex.

Hoisting Machinery Co., 50 Church, New York *See adv index at end of book*

Indiana Car & Equipment Co., 20 W Jackson blvd, Chicago, Ill.

Inter-State Car Co., Indianapolis, Ind.

Marsh Refrigerator Service Co., Port Washington rd, Milwaukee, Wis.

Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.

Steel Car Co., Euclid, O.

Railway & Power Equipment Co., 120 Liberty, New York

Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

2054— Cars (Refrigerator)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.

ERIE CAR WORKS, 1150 W 17th, Erie, Pa.

Haskell & Barker Car Co., Michigan City, Ind.

Marsh Refrigerator Service Co., Port Washington rd, Milwaukee, Wis.

Merchants Despatch Transportation Co., East Rochester, N. Y.

Mount Vernon Car Mfg. Co., Mount Vernon, Ill.

Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.

Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

Cars (Rock)

See Cars, Industrial

2054a—*Cars (Rolling Mill)

Atlas Car & Mfg. Co., Cleveland, O.

2054b—*Cars (Rotary Scoop

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

2055— Cars (Rotary Tunnel)

See also Cars, Tunnel

Western Wheeled Scraper Co., Aurora, Ill.

Youngstown Steel Car Co., Youngstown, O.

2055a— *Cars (Scale)

Atlas Car & Mfg. Co., Cleveland, O.

2056— Cars (Scale Test)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.,

2056a— *Cars (Scoop)

EASTON CAR & CONSTRUCTION CO., 15 Center sq, Easton, Pa.
See adv index at end of book

Our Standard Scoop Cars (Rotary Type) are designed to dump at both ends and also at both sides, and when required may be equipped with end doors.

Catalogs or Service

15 CENTER SQUARE, EASTON PA.

2057— Cars (Second-Hand)

See also Railroad Equipments, Second Hand

ERIE CAR WORKS, 1150 W 17th, Erie, Pa.
Luther Frederick Co. (Passenger & Freight), 14 E Jackson blvd, Chicago, Ill.
General Equipment Co., 30 Church, New York
Georgia Car & Locomotive Co., Atlanta, Ga.
Grant Locomotive & Car Works, Houston, Tex.
HOISTING MACHINERY CO., 50 Church, New York *See adv index at end of book*
KLEINHANS H. CO. (Dump, Spreader & Gasoline Driven Speeder), Union Arcade, Pittsburg, Pa.
See adv index at end of book
Lewis Henry & Co., Commercial Trust bldg, Phila, Pa.
Males Co., 2226 Fulton av, Cincinnati, O.
Meyer Henry H. Co., 110 S Howard, Baltimore, Md.
See adv index at end of book
Mitshkun M. Co., Detroit, Mich.
Shaw Willis (Dumping, Flat, etc), 80 E Jackson blvd, Chicago, Ill.
Smith Loyd J. (Electric Street), 20 W Jackson blvd, Chicago, Ill.
Southern Iron & Equipment Co., Atlanta. Ga.
Watson John B. Co., Witherspoon bldg, Phila, Pa.
Zelnicker Walter A. Sup. Co., 325 Locust, St. Louis, Mo.

Cars (Section)

See Cars, Hand & Push; Also Cars, Motor Inspection

2058— *Cars (Shop)

CHASE FOUNDRY & MFG. CO., 2700 Parsons av, Columbus, O.
See adv index at end of book
EASTON CAR & CONSTRUCTION CO., 15 Center Square, Easton, Pa.
See adv index at end of book
HUNT C. W. CO., West New Brighton, N. Y. *See adv index at end of book*

2059— *Cars (Side Dump)

EASTON CAR & CONSTRUCTION CO., 15 Center Square, Easton, Pa.
See adv index at end of book
Hunt C. W. Co., West New Brighton, N.Y.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
Penn Foundry & Mfg. Co., Reading, Pa.
See adv index at end of book
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book

2060— Cars (Skip)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Atlas Car & Mfg. Co., Cleveland, O.
Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
Easton Car & Construction Co., 15 Easton Square, Easton, Pa..
See adv index at end of book

We build all steel Skip Cars of various designs and to meet special requirements. Also Cars and Equipment for all mining and metallurgical purposes.

Catalogs or Service

15 CENTER SQUARE, EASTON PA.

LAKEWOOD ENGINEERING CO., Cleveland, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Ransome Leach Co. (Self-Dumping), 115 B'way, New York
Turl Iron & Car Co., Inc., The, 50 Broad, New York. Works, Newburgh, N. Y.
United Iron Works Co., Kansas City, Mo.
Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.
Youngstown Steel Car Co., Youngstown, O.

2061— Cars (Slag)

See Cars, Hot Metal or Slag

2062— Cars (Spreader)

Buffalo Pitts Co. (Stone Spreading Cars), Buffalo, N. Y.
Continental Car Co., Louisville, Ky.
Mann-McCann Co. ("McCann's" & "Mann" **Spreader & Grader), 305 S La Salle, Chicago, Ill.**
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Western Wheeled Scraper Co., Aurora, Ill.

2063—Cars (Sprinkling, Street Railway)

American Car Sprinkler Co., Worcester, Mass.
Brill J. G. Co., 62d & Woodland av, Phila., Pa.
Kensington Engine Works Co., Beach cor E Berks, Phila., Pa.
McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg, Chicago, Ill.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Studebaker Corp'n, South Bend, Ind.
Winkler-Grimm Corp., South Bend, Ind.

2064— Cars (Steam Shovel)

Baltimore Car & Fdry. Co., Pittsburgh, Pa.
Sanford-Day Iron Works, Knoxville, Tenn.
Western Wheeled Scraper Co., Aurora, Ill.

2065— Cars (Steel)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Atlas Car & Mfg. Co., Cleveland, O.
Baltimore Car & Fdry Co., Pittsburgh, Pa.
Barney & Smith Car Co., Dayton, O.
Bettendorf Co., Bettendorf, Ia.
Brill J. G. Co., 62d & Woodland av, Phila., Pa.
Cambria Steel Co. (Gondolia, Hopper, Flat, Tank, etc) Widener bldg., Phila., Pa.
Chase Foundry & Mfg. Co., 2700 Parsons av., Columbus, Ohio.
See adv index at end of book
Clark Car Co., 1624 Oliver bldg, Pittsburgh, Pa.
Continental Car Co., Louisville, Ky.
EASTON CAR & CONSTRUCTION CO. 15 Center Square, Easton, Pa.
See adv index at end of book
ERIE CAR WORKS, 1150 W 17th, Erie, Pa.
Globe Machinery & Supply Co., Des Moines, Iowa
Goodwin Car Co.,, 17 Battery pl, New York
Harlan & Hollingsworth Corp., ft. of West Wilmington, Del.
Insley Mfg. Co. (Industrial & Concrete), 3500 E St. Clair, Indianapolis, Ind.
LAKEWOOD ENGINEERING CO., Cleveland, O. *See adv index at end of book*
Magor Car Corp., 30 Church, New York
Mt. Vernon Car Mfg. Co. (Freight), Mt. Vernon, Ill.
Pressed Steel Car Co., 307 5th av., Pittsburgh, Pa.
Ralston Steel Car Co., Columbus, O.
Ramapo Iron Works, Hillburn, N. Y.
St. Louis Car Co. (Of All Kinds), 8000 N B'way, St. Louis, Mo.
Standard Steel Car Co., Butler, Pa.
Summers Steel Car Co., Oliver bldg., Pittsburgh, Pa.
Youngstown Steel Car Co., Youngstown, O.

2066—Cars (Steel Mining & Dump)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Atlas Car & Mfg. Co., Cleveland, O.
Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
Champion Iron Co. (Steel Dump), Kenton, O.
Dillon-Box Iron Works Co., Denver, Col.
Easton Car & Construction Co., 15 Center sq, Easton, Pa.
See adv index at end of book
Goodwin Car Co. (Dump), 17 Battery pl, New York
Hendrick Mfg. Co. (Mining), Carbondale, Pa.
Phillips Mine & Mill Supply Co., 2227 Jane, Pittsburgh, Pa.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Pressed Steel Car Co., 307 5th av., Pittsburgh, Pa.
Ramapo Iron Works, Hilburn, N. Y.
Russel-Wheel & Foundry Co., Detroit, Mich.
Sanford-Day Iron Works, Knoxville, Tenn.
Sheffield Car Co., Three Rivers, Mich.
Standard Steel Car Co., Butler, Pa.
Stephens-Adamson Mfg. Co. ("S-A"), Aurora, Ill.
Truax Mfg. Co., Denver, Colo.

CARS (STEEL MINING AND DUMP)—continued

United Iron Works Co., Kansas City, Mo.
Weller Mfg. Co., 853 W North av, Chicago, Ill.
Youngstown Steel Car Co., Youngstown, O.

Cars (Stone)

See Cars, Industrial

2067— Cars (Storage Battery)

Atlas Car & Mfg. Co., Cleveland, O.
Brill J. G. Co. (With "Hycap-Exide" Batteries), 62nd & Woodland av, Phila., Pa.
Railway Storage Battery Car Co. (Edison Storage Battery Car), 50 Broad, New York

2068—Cars (Street & Electric)

American Car Co., 1518 S Vandeventer av, St. Louis, Mo.
American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Atlas Car & Mfg. Co. (Electric only), Cleveland, O.
Barber Car Co., York, Pa.
Barney & Smith Car Co., Dayton, O.
Bradley Osgood Car Co., Worcester, Mass.
Brill J. G. Co., 62nd & Woodward av, Phila., Pa.
Cincinnati Car Co., Spring Grove & Mitchell av, Cincinnati, O.
Jewett Car Co. (Also Interurban), Newark, O.
Kuhlman G. C. Car Co. (See J. G. Brill Co.), Collingwood, O.
Laconia Car Co., Boston, Mass. Works: Laconia, N. H.
McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg., Chicago, Ill.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Pullman Co., Chicago, Ill., & New York
Railway & Power Equipment Co., 120 Liberty, New York
Russell Car & Snow Plow Co., Ridgway, Pa.
St. Louis Car Co., 8000 N. B'way, St. Louis, Mo.
Southern Car Co., High Point, N. C.
Woeber Car & Mfg. Co., Denver, Colo.

2068a— *Cars (Sugar Cane)

LAKEWOOD BUILT TO LAST The LAKEWOOD ENGINEERING Co. CLEVELAND. OHIO U.S.A.

2069— Cars (Tank)

See also Tanks, Car

Allegheny Foundry Co., Ltd. (Steel), Galveston av. & Bechan, Pittsburg, Pa.
Allegheny Steel Tank Car Co., Warren, Pa.
American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
Bettendorf Co. (All Steel), Bettendorf, Ia.
Chicago Steel Car Co., Harvey, Ill.
DOVER BOILER WORKS, Sales Office, 50 Church, New York. Works: Dover, N. J. (Steel)
See adv index at end of book
ERIE CAR WORKS, 1150 W 17th, Erie, Pa.
Graver Wm. Tank Works, E Chicago, Ind.
Luther Frederick P. Co., 14 E Jackson blvd, Chicago, Ill.
Magor Car Corp., 30 Church, New York
Penn Tank Car Co. (For Gasoline, Crude & Refined Oil, Alkali, Molasses & Alcohol), Sharon, Pa.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Reeves Bros. Co. (Oil & Acid Transporter), Alliance, O.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Treadwell M. H. Co., of Ill., 208 S. La Salle, Chicago, Ill.
TURL IRON & CAR CO., INC., THE, 50 Broad, New York. Works: Newburgh, N. Y.
Western Steel Car & Foundry Co. 37 W Van Buren, Chicago, Ill.

2070— *Cars (Tie)

Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book

2071— Cars (Tipple)

Easton Car & Construction Co., 15 Center Square, Easton, Pa.
See adv index at end of book
United Iron Works Co., Kansas City, Mo.
Worthington Pump & Machinery Corp., 115 B'way, New York
See adv index at end of book
Youngstown Steel Car Co., Youngstown, O.

2072— Cars (Tower Hand)

Kalamazoo Railway Supply Co., Kalamazoo, Mich.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

2072a— *Cars (Track)

Easton Car & Construction Co. (Industrial Railroad), 15 Center Square, Easton, Pa. *See adv index at end of book*

Track, switches, turnouts, turntables, wheels and axles, axle boxes and roller bearings for inside or outside journals and everything necessary for Industrial Railways.

Catalogs or Service

EASTON CAR & CONST'N CO.

15 CENTER SQUARE, EASTON PA.

2073— Cars (Track Laying)

Baltimore Car & Fdry. Co., Pittsburgh, Pa.
Buda Co., Railway Exch bldg, Chicago, Ill.
Fairbanks, Morse & Co. ("Sheffield), 900 S Wabash av, Chicago, Ill.
Glover Machine Works, Marietta, Ga.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Ramapo Iron Works, Hillburn, N. Y.
Sheffield Car Co., Three Rivers, Mich.

2074—Cars (Trackless Trolley)

Trackless Trolley Co. of Am., 50 Church, New York

2075—*Cars (Traction Engine)

ELECTRIC WHEEL CO. (Heavy Truck Cars), Station D, Quincy, Ill.
See adv index at end of book

2076— Cars (Tram)

Chase Foundry & Mfg. Co., 2700 Parsons av, Columbus, Ohio.
See adv index at end of book
Easton Car & Construction Co., 15 Center Square, Easton, Pa.
See adv index at end of book
Helmick Fdry. & Machine Co., Fairmont, W. Va.
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
Ramapo Iron Works, Hillburn, N. Y.
Roberts & Schafer Co. ("Barrett"), 332 S Michigan av, Chicago, Ill.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Truax Mfg. Co., Denver, Colo.
Union Iron Works, Spokane, Wash.
United Iron Works Co., Kansas City, Mo.
Youngstown Steel Car Co., Youngstown, O.

2077— Cars (Transfer)

Anderson Foundry & Machine Works (For Brick Yards, etc), Anderson, Ind.
Atlas Car & Mfg. Co., Cleveland, O.
Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
Bonnot Company (Double Transfer), Canton, O.
Cement Tile Machy. Co. ("Ideal"), Waterloo, Iowa
Chambers Bros. Co., 52d below Lancaster av, Phila., Pa.
CHASE FOUNDRY & MFG. CO., 2700 Parsons av, Columbus, Ohio
See adv index at end of book
EASTON CAR & CONSTRUCTION CO., 15 Center Square, Easton, Pa.
See adv index at end of book
Globe Machy. & Supply Co., Des Moines, Ia.
Helmick Foundry & Machine Co., Fairmont, W. Va.
Kent Machine Co., Kent, O.

LAKEWOOD BUILT TO LAST The LAKEWOOD ENGINEERING Co. CLEVELAND. OHIO U.S.A.

Magor Car Corp., 30 Church, New York
North Coast Dry Kiln Co., Seattle, Wash.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Russel Wheel & Foundry Co. (Steel), Detroit, Mich.
Sheffield Car Co., Three Rivers, Mich.
United Iron Works Co., Kansas City, Mo.
Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.
Whiting Foundry Equipment Co., 157th & Halstead, Chciago, Ill.
Youngstown Steel Car Co., Youngstown, O.

2078— *Cars (Transp)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

2079— Cars (Trolley Repair)

St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Sheffield Car Co., Three Rivers, Mich.

2080— Cars (Tunnel)

Bettendorf Co. (All Steel), Bettendorf, Ia.
Easton Car & Construction Co., 15 Center Square, Easton, Pa.
See adv index at end of book
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Sheffield Car Co., Three Rivers, Mich.
Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.
Youngstown Steel Car Co., Youngstown, O.

2080a—*Cars (Two Way Dump)

LAKEWOOD BUILT TO LAST The LAKEWOOD ENGINEERING Co. CLEVELAND. OHIO U.S.A.

2081— Cars (Velocipede)

See also Cars, Inspection; also Cars, Motor Inspection

Buda Co., Railway Exch bldg, Chicago, Ill.
Concrete Form & Engine Co. (Equipped with Belle Isle Gas Engine), Detroit, Mich.
Fairbanks, Morse & Co. ("Sheffield"), 900 S Wabash av, Chicago, Ill.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Sheffield Car Co., Three Rivers, Mich.
Teeter-Hartley Motor Co., Hagerstown, Ind.

2082-3— *Cars (Wire)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

Cars (Velocipede, Gasoline Motor)

See Cars, Motor Inspection

Cars (Warehouse & Factory)

See Trucks, Store, Warehouse, Etc.

Cars (Wrecking)

See Cranes, Wrecking

2084-5—Cartoons (Paper Folding)

Agar Mfg. Co. (Corrugaated), 167 41st, Brooklyn, N. Y.
ANDREWS O. B. CO., Chattanooga, Tenn.
Collins H. L. Co., Myrtle and Wabash, St. Paul, Minn.
Pridham R. W. Co., 903 N. Main, Los Angeles, Cal.
Thompson & Norris Co., The (Corrugated), Concord & Prince, Brooklyn, N. Y.
Trum E. J., Inc., 57 3rd, Broklyn, N. Y.
Vosta Co., Albany, N. Y.

2086-7— *Cartridge Blanks

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

Cartridge Mfrs.

See Ammunition

Carts (Barrel)

See Carts, Hand & Barrel

2088— Carts (Coal)

See also Wagons, Coal
Jackson Mfg. Co., Harrisburg, Pa.
See adv index at end of book
Milburn Wagon Co., Toledo, O.
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book

2089— Carts (Concrete)

See also Cars, Concrete: also Wagons, Asphalt; also Barrows, Concrete & Mortar
Acme Equipment & Engineering Co., Garfield bldg, Cleveland, O.
Biehl Iron Wk., Inc., Reading, Pa.
Chicago Builders' Specialties Co., 11 S La Salle, Chicago, Ill.
Hobson & Co., Easton, Pa.
Insley Mfg. Co., Indianapolis, Ind.
JACKSON MFG. CO. ("Jackson"), Harrisburg, Pa. *See adv index at end of book*
Kilbourne & Jacobs Mfg. Co. ("Columbus"), Columbus, O.
LAKEWOOD ENGINEERING CO. ("Lakewood"), Cleveland, O.
See adv index at end of book
PENN FOUNDRY & MFG. CO., Reading, Pa. *See adv index at end of book*
Ransome-Leach Co., 115 B'way, New York
Sackett H. B. Screen & Chute Co., 1691 Elston av, Chicago, Ill.
Sterling Wheelbarrow Co. ("Sterling" Self-Lubricating Wheels), Milwaukee, Wis.
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Toledo Wheelbarrow Co. ("Bull Frog"), 2400 B'way, Toledo, O.

2090—Carts (Concrete Spreading Dump)

Briggs Labor Saving Specialty Co., Waterloo, Ia.
Lansing Co., Lansing, Mich.

2091— Carts (Crushed Ice)

Gifford-Wood Co., Hudson, N. Y.

2092-3— Carts (Dumping)

See also Wagons, Dumping
Acme Wagon Co., Enigsville, Pa.
Ames Plow Co., Quincy Hall, Boston, Mass.
Auburn Wagon Co., Martinsburg, W. Va.
Bain Wagon Co. (Ltd.), Kenosha, Wis.
Baker Mfg. Co. ("Witten"), 1000 Stanford av, Springfield, Ill.
Chattanooga Wheelbarrow Co. (For Concrete), Chattanooga, Tenn.
ELECTRIC WHEEL CO., Station D, Quincy, Ill. *See adv index at end of book*
Etnyre E. D. & Co. ("Tipover"), Oregon, Ill.
Fort Smith Wagon Co., Fort Smith, Ark.
Henderson Wagon Works, Henderson, Ky.
Hill E. W. (Steel), 24 Pollock av, Jersey City, N. J.
Hobson & Co., Easton, Pa.
Hvass Chas. & Co., 511 E 18th, New York
Kentucky Wagon Mfg. Co. ("Old Hickey," "Tennessee"), Louisville, Ky.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Knapheide Henry Wagon Co., Quincy, Ill.
Lansing Co., Lansing, Mich.
Linstroth Wagon Co., 2616 Chouteau av, St. Louis, Mo.
MacLean & McCurdy ("MacLean," for Contractors), Dorchester, Boston, Mass.
Nissen Geo. E. & Co., Winston-Salem, N. C.
Owensboro Wagon Co., Owensboro, Ky.
Quaker City Iron Works (Contractors' Steel), Tioga & Edgemont, Phila., Pa.
Ransome-Leach Co., 115 B'way, New York
Schuttler Peter Co., 2509 W 22d, Chicago, Ill.
Smith & Sons Mfg. Co., Kansas City, Mo.
Streich A. & Bro. Co., Oshkosh, Wis.
Studebaker Corp., South Bend, Ind.
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Sweet B. F. & H. L. Co., Fond-du-Lac, Wis.
Swift Mfg. Co. ("Swift's Practical"), Waterloo, Ia.
Tiffin Wagon Co. (Steel Bucket), Tiffin, O.
Wellington Machine Co. (Brick, etc), Wellington, O.
Western Wheeled Scraper Co., Aurora, Ill.
White Hickory Wagon Mfg. Co., East Point, Ga.
Winona Wagon Co., Winona, Minn.
Wright Thos. Co., 71 Colden, Jersey City, N. J.

Carts (Garbage)

See Wagons, Garbage, Etc

2094— Carts (Hand & Barrel)

See also Trucks, Bag & Barrel
Ames Plow Co., Quincy Hull, Boston, Mass
Aubeuf Frank J., Inc. ("Merrimac," "Monitor" Hand Carts only), Oneida, N. Y.
Baker Mfg. Co. ("Witter Automobile"), Springfield, Ill.
Bateman Mfg. Co. ("Iron Age"), Grenloch, N. J.
Belle City Mfg. Co. ("Belle City"), Racine, Wis.
Brown-Manly Plow Co. ("Malta"), Malta, Ohio
Chattanooga Wheelbarrow Co., Chattanooga, Tenn.
ELECTRIC WHEEL CO., Station D, Quincy, Ill. *See adv index at end of book*
FAIRBANKS CO., 416 Broome, New York
For branch houses see Alphabetical Section
Gendron Wheel Co., Toledo, O.
Havana Metal Wheel Co. ("Handy"), Havana, Ill.
Hayes Pump & Planter Co., Galva, Ill.
Herschel R. Mfg. Co., Peoria, Ill.
Hobson & Co., Easton, Pa.
Kentucky Wagon Mfg. Co. ("Old Hickory"), Louisville, Ky.
Kilbourne & Jacobs Mfg. Co. ("St. Louis," "Jubilee," "Buckeye," Hand), Columbus, O.
La Crosse Plow Co. ("Rival" Barrell), La Crosse, Wis.
Lansing Co., Lansing, Mich.
Lean, Roderick Mfg. Co. ("Butler" Steel Hand Cart), Mansfield, O.
Menasha Wood Split Pulley Co. (Hand Delivery), Menasha, Wis.
Myers F. E. & Bro., 800 Orange, Ashland, Ohio.
See adv index at end of book
New Winona Mfg. Co., Winona, Minn.
Parlin & Orendorff Co. ("P. & O. Canton"), Canton, Ill.
Plattner Yale Mfg. Co. ("Plattner"), Lincoln, Neb.
Puffer-Hubbard Mfg. Co. (Steel Wheel), 32d av. S. & 26th, Minneapolis, Minn.
Rome Scale & Mfg. Co. (Hand), Rome, Ga.
Sandwich Mfg. Co. ("Enterprise," "Sandwich"), Sandwich, Ill.
South Bend Chilled Plow Co., South Bend, Ind.
Steel Basket Co., Cedar Rapids, Ia.
Streich A. & Bro. Co. ("Lumbermen's Hand Carts"), Oshkosh, Wis.
Studebaker Corp., South Bend, Ind.
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Swartwout Mfg. Co. ("Triumph," Hand & Barrel), Clinton, N. Y.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Western Wheelbarrow Mfg. Co., South Fort Smith, Ark.
White Hickory Wagon Mfg. Co. (Push), East Point, Ga.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.
Zering H. Mfg. Co., Cincinnati, O.

2095-6— Carts (Harrow)

Bloom Mfg. Co., Nashua, Ia.
Deere & Co. ("John Deere"), Moline, Ill.
La Crosse Plow Co., La Crosse, Wis.
Madison Plow Co. ("Fuller & Johnson"), Madison, Wis.
Moline Plow Co. ("Success," "Riding"), Moline, Ill.
Ohio Cultivator Co., Bellevue, O.
Parlin & Orendorff Co., Canton, Ill.
Peoria Drill & Seeder Co. ("Kingman," "Great Northern," "O. K.," "Peerless"), Peoria, Ill.
Peru Plow & Wheel Co., Peru, Ill.
Rock Island Plow Co. (Riding), Rock Island, Ill.
South Bend Chilled Plow Co., South Bend, Ind.

Carts (Hose)

See Hose Carriages & Carts

2097— Carts (Linemen's)

See also Wagons, Trolley; also Cars, Trolley Repair
Dicke Tool Co., Downers Grove, Ill.
Klein, Mathias & Sons, 562 W. Van Buren, Chicago, Ill.

2098-9—Carts (Logging & Lumber)

See also Trucks; also Wagons
Archer Iron Works, 2436 W. 34th pl, Chicago, Ill.
ELECTRIC WHEEL CO., Station D, Quincy, Ill.
See adv index at end of book
Lansing Co., Lansing, Mich.
Ransome-Leach Co., 115 B'way, New York
Schwartz, Jos. Co., Ltd., 548 Baronne, New Orleans, La.
Streich A. & Bro. Co., Oshkosh, Wis.
Williams Mfg. Co. ("Forest King"), Macon, Ga.

2100—Carts (Pickup or Beam)

Dobbie Foundry & Machine Co., Niagara Falls, N. Y.
Hobson & Co., Easton, Pa.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lansing Co., Lansing, Mich.

Carts (Push)

See Carts, Hand & Barrel

2101— Carts (Railroad)

Ames Plow Co., Quincy Hall, Boston, Mass.
Bain Wagon Co. (Ltd.), Kenosha, Wis.
Hobson & Co., Easton, Pa.
Luedinghaus-Espenschied Wagon Co., 1717 N B'way, St. Louis, Mo.
Milburn Wagon Co., Toledo, O.
Studebaker Corp., South Bend, Ind.
Tiffin Wagon Co. (Contractors), Tiffin, O.

2102— Carts (Road Spreading)

Acme Equipment & Engineering Co. ("Acme" Controllable), Garfield bldg, Cleveland, O.
American Road Machinery Co. (For Spreading Road Materials for Macadam Roads), Kennett sq, Pa.
Eagle Wagon Works, Auburn, N. Y.
Good Roads Machinery Co., Kennett sq, Pa.
Port Huron Engine & Thresher Co. (Also Wagons), Port Huron, Mich.

Carts (Sprinkling)

See Street Sprinkling Carts & Wagons

2103—Carts (Street Cleaning Hand)

Baker Mfg. Co., 1000 Stanford av, Springfield, Ill.
Chattanooga Wheelbarrow Co., Chattanooga, Tenn.
Lansing Co., Lansing, Mich.
Wirt & Knox Mfg. Co., 23d & York, Phila., Pa.

2104— Carts (Three Wheel)

Streich A. & Bro. Co., Oshkosh, Wis.

2105— Carts (Two Wheeled)

Kentucky Wagon Mfg. Co., Louisville, Ky.
Rome Scale & Mfg. Co., Rome, Ga.

2106— Carvers (Stone)

Ellin, Kitson & Co., Madison av & 34th, New York
Evans John & Co., 77 Huntington av, Boston, Mass.
Mansfield Fdry. Co., Mansfield, Mass.
Nygard Alfred F., Detroit, Mich.
Rochette & Parzini, 218 E 25th, New York
Schellentrager Louis F. & Co., E 10th & Canfield ct, Cleveland, O.
Van Maldern F., 5th & Jumonville, Pittsburgh, Pa.
Whitman Studios, 900 Oxford, Phila, Pa.

2107—Carvers, Wood (Classic)

Architectural Decorating Co., 1600 S Jefferson, Chicago, Ill.
Behm Gustav, 715 North av, Chicago, Ill.
Buffalo Grille Co., 270 Court, Buffalo, N.Y.
Chicago Wood Carving Co., 1509 N Halsted, Chicago, Ill.
Decorators' Supply Co., Archer av & Leo, Chicago, Ill.
Duchemin Geo. W., 37 Wainwright, Newark, N. J.
Dux Jos, 2112 W Van Buren, Chicago, Ill.
Ellin, Kitson & Co., Madison av & 34th, New York
Emmel Chas. & Rose Co., 383 Albany, Boston, Mass.
Emmel Co., 81 Bristol, Boston, Mass.
Evans John & Co., 77 Huntington av, Boston, Mass.
Fabry T. P. J., Rochester, N. Y.
Gossert Henry, 320 Harmon, Phila., Pa.
Hartmann-Malcolm Co., 847 N Troy, Chicago, Ill.
Klise Mfg. Co., Grand Rapids, Mich.
Kopriwa E. Co., 2220 Ward, Chicago, Ill.
Lamb J. & R., 25 6th av, New York
Nygard Alfred F., Detroit, Mich.
Ornamental Products Co. ("Lignive," Unbreakable), Detroit, Mich.
Peirce W. E. & Co., Milford, N. H.
Plastic Relief Mfg. Co., 949 N Halsted, Chicago, Ill.
Pride Willis A., 43 Bristol, Boston, Mass.
Reddinger P. H. Mfg. Co., Evansville, Ind.
Rochette & Parzini, 218 E 25th, New York
Root C. R., Hartford, Conn.
Schellentrager Louis F. & Co., E 10th & Canfield ct, Cleveland, O.
Schneider F. H., 631 W. Belden av, Syracuse, N. Y.
Thomas & Co., Worcester, Mass.
Van Maldern F., 5th & Jumonville, Pittsburgh, Pa.
Waddell Mfg. Co., Grand Rapids, Mich.
Whitman Studios, 900 Oxford, Phila., Pa.

2108— Case Hardening

See also Compounds, Case Hardening & Tempering, also Steel Hardening

American Metal Treatment Co., Elizabeth, N. J.
Ashley Machine Works, Rochester, N. Y.
Bidle W S Co., 1411 E 45th, Cleveland, O.
Bliss E. C. Mfg. Co., 73 Page, Providence, R. I.
Bossert Corp. (The), Utica, N. Y.
See adv index at end of book
Boston Gear Works, Quincy, Mass.
Bridgeport Metal Treating Co., Bridgeport, Conn.
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Chicago Metal Treating Co., 4032 N Rockwell, Chicago, Ill.
Cleveland Metal Treating & Welding Co., 4829 Lexington av, N E, Cleveland, O.
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Conn. Metal Treating Co., Inc., Bridgeport, Conn.
Crosby Co., 183 Pratt, Buffalo, N. Y.
Drop Forging Co. of N. Y., 301 West Side av, Jersey City, N. J.
Durbrow & Hearne Mfg. Co., 12 Wooster, New York
Eastern Bolt & Nut Co., E Providence, Providence, R. I.
Easton Machine Co., 24 Milk, Boston, Mass.
Emergency Forge Co., Lansing, Mich.
Frasse Peter A. & Co., Inc., 417 Canal, New York. Works: Hartford, Conn.
See adv index at end of book
Keller Mfg. Co., 21st & Allegheny, Phila, Pa.
KNAPP ARTHUR ENGNG. CORP,. 30 Church, New York
See adv index at end of book
Kohler Die & Specialty Co., De Kalb, Ill.
Matthews H. A. Mfg. Co., Seymour, Conn.
Matthews Mfg. Co., 104 Gold, Worcester, Mass. *See adv index at end of book*
Meisel Press Mfg. Co., 942 Dorchester av, Boston, Mass.
Myall-Wallace Co., 17 E Austin av, Chicago, Ill.
National Cycle & Mfg. Co., Bay City, Mich.
National Ring Traveler Co., 257 W Exchange, Providence, R. I.
Newark Metal Treating Co., Newark, N. J.
New England Annealing & Tool Co. (Carbon & High Speed Steel), 74 K, S Boston, Mass.
Norfolk Hardening Works, Inc., 30 Federal,, Boston, Mass.
Peninsular Milled Screw Co., Detroit, Mich.
Roberts Mfg. Co., Lockport, N. Y.
Sier-Bath Co., 143 W 54th, New York
Steel Improvement & Forge Co. ("Infuso"), Cleveland, O.
Sterling Drop Forge Works, 112 N La Salle, Chicago, Ill.
U. S. Ring Traveler Co., 159 Aborn, Providence, R. I.
Van Doren Mfg. Co., Chicago Heights, Ill.
Vincent Steel Process Co. ("Vincent" Process), 751 Bellevue av, Detroit, Mich.
Williams J. H. & Co. (Annealing, Carbonizing, Case Hardening & Tempering), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

2109— Casein

Amalgamated Gum Co. (Vegetable), Troy, N. Y.
Atterbury Bros. (French Imported), 145 Nassau, New York
Bird J. A. & W. & Co., 88 Pearl, Boston, Mass.
Casein Mfg. Co., 13 Park row, New York
Hamilton Co., 50 Church, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York and Philadelphia
INNIS, SPEIDEN & CO., INC., 46 Cliff, New York. *See adv index at end of book*
Kalbfleisch Corp., 31 Union sq, New York
Klipstein A. & Co. (Dealer), 644 Greenwich, New York
National Milling & Chemical Co., Harper's Mills, Phila., Pa.
Union Casein Co., 2314 Wood, Phila., Pa.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER

2109a—*Cases (Ammunition)

Estes E. B. & Sons, 364 Fifts av, New York. *See adv index at end of book*

2110— Cases (Blacking)

Behrend Jacob, 122 W Allen, Phila., Pa.
Dillingham Mfg. Co., Sheboygan, Wis.
Romer Mfg. Co., 203 Diamond, Brooklyn, N. Y.
Stokes Wm. A. & Co., 50 Howard, New York
Udell Works, Indianapolis, Ind.

2111— Cases (Bottlers')

Hightower Box & Tank Co., Atlanta, Ga.

2111a— Cases (Card)

Ferree E. H. Co., Lockport, N. Y.
(The Arlington Works), du Pont E. I. de Nemours & Co., 21 E 40th, New York

2112—*Cases (Clock & Watch)

ESTES E. B. & SONS (Wooden), 364 5th av, New York

2112a— Cases (Comb)

(The Arlington Works), du Pont E. I. de Nemours & Co., 21 E 40th, New York

2112b— Cases (Drinking-Cup)

(The Arlington Works), du Pont E. I. de Nemours & Co., 21 E 40th, New York

2113— Cases (Egg)

American-Blakeslee Mfg. Co., Birmingham, Ala.
Anderson-Tully Co., Memphis, Tenn.
Beaufort Veneer & Package Co., Beaufort, S. C.
Carrier Lumber & Mfg. Co., Sardis, Miss.
Cherry J. G. Co., Cedar Rapids, Iowa.
Chicago Mill & Lumber Co., 111 W Washington, Chicago, Ill.
Defiance Box Co., Defiance. O.
North Star Egg Case Co., Quincy, Ill.
Creamery Package Mfg. Co., 61 W Kinnie, Chicago, Ill.
Omaha Box Co., Omaha, Neb.
Portland Egg Case Co., Portland, Ind.
Smith L. J., Eaton Rapids, Mich.
Urbana Egg Case Co., Urbana, O.
Weis-Peterson Box Co., Cairo, Ill.

2114-5—*Cases (Eye Glass)

SCHIMPER WILLIAM & CO., 322-338 Ferry, Hoboken, N. J., and 33 Union sq, W New York

2116— Cases (Jewelry)

American Morocco Case Co., 217 E 38th, New York
Borgzinner S. Co., 82 Nassau, New York
Buffalo Jewelry Case Co., Buffalo, N. Y.
Brooks Mfg. Co., 221 High, Boston, Mass.
Carow J. & Co., 85 Warren, New York
Chicago Plush & Leather Case Co., 110 N Franklin, Chicago, Ill.
Dennison Mfg. Co., 26 Franklin, Boston, Mass.
Estes E. B. & Sons (Wood), 358 5th av, New York *See adv index at end of book*
Ettlinger Louis & Sons, 65 Nassau, New York
Farrington Case Co., 48 Maiden la, New York
Frank & Gutmann, 25 W 8th, New York
Globe Jewelry Case Co., 127 Spring, New York
Housman C. H., 78 Bedford, Boston, Mass.
Ideal Leather Goods Co., 326 Dean, Providence, R. I.
Jersemann Max, 105 Maiden la, New York
Kahle Wm., 65 Franklin, Boston, Mass.
Kraft Theo. & Sons, 458 W B'way, New York
Lehmann Ludwig, 72 Beekman, New York
Manhattan Wood Novelty Co., 40 Fulton, New York
Mozar & Co., 38 Maiden la, New York
Muhs Antonio, 114 Kearny, San Francisco, Cal.
Nadelman Lesser, 106 W 28th, New York
National Jewelry Case Co., 642 Michigan av, Buffalo, N. Y.
Rubenstein L., 380 Lafayette, New York

Rueckert Mfg. Co., 162 Clifford, Providence, R. I.
Standard Wood Novelty Co., 256 Pearl, New York
(The Arlington Works), du Pont E. I. de Nemours & Co., 21 E 40th, New York
Warner Jewelry Case Co., 642 Michigan av, Buffalo, N. Y.
Wierling Wood Case Co., Buffalo, N. Y.
Wiggers & Froelick, 8 Dutch, New York
Wolfsheim & Sachs, 35 Maiden la, New York
Zimmerman & Weber, 242 W 41st, New York

2116a— *Cases (Mailing)

Estes E. B. & Sons (Wood), 364 Fifth av, New York *See adv index at end of book*

2117-18—Cases (Nailing for Liquids)

Estes E. B. & Sons (Wood), 364 5th av, *See adv index at end of book*
Improved Mailing Case Co., 309 B'way, New York
Redlich Mfg. Co., 637 W Oak, Chicago, Ill.
St. Louis Paper Can & Tube Corp'n, St. Louis, Mo.
Union Paper Co., 844 Washington, New York
Western Box Co., 326 River, Chicago, Ill.

2119— Cases (Miners' Squib)

National Enameling & Stamping Co., 411 5th av. New York

2119a— Cases (Nail-Brush)

(The Arlington Works), du Pont E. I. de Nemours & Co., 21 E 40th, New York

2120— *Cases (Optical)

Estes E. B. & Sons, 364 Fifth av, New York
See adv index at end of book

Cases (Packing)

See Packing Boxes

2121— Cases (Pen & Pencil)

Cross A. T. Pencil Co., 53 Warren, Providence, R. I.
Faber Eberhard Pencil Co., 37 Greenpoint av, Brooklyn, N. Y.

2122— Cases (Piano)

Bauerle & Stark Co., 1147 W Ohio, Chicago, Ill.
Courtade Jos. N. & Sons, 516 W 24th, New York
Grand Rapids Piano Case Co. (Ltd.), Grand Rapids, Mich.
Imperial Mfg. Co., Stamford, Conn.
Looschen Piano Case Co., Paterson, N. J.
Mullin & Wendt, New Brunswick, N. J.
Richardson Piano Case Co., Leominster, Mass.
Schwamb Theo. Co., Arlington Heights, Mass.
Smith F. G., 774 Fulton, Brooklyn, N. Y.
Wellington Piano Case Co., Leominster, Mass.

2123— Cases (Pocket Knife)

Cauter E. A. (Chamois), 204 Church, New York

2124— Cases (Razor)

Estes E. B. & Sons (Wood), 364 Fifth av, New York

2124a—Cases (Railroad Ticket)

American Railway Supply Co., 134 Charles, New York
National Ticket Case Co., 842 W 35th, Chicago, Ill.

2125— Cases (Salesman's)

(Catalog, Brief, Letter, etc)

Kamlee Co., 448 E Water, Milwaukee, Wis.
Warren Leather Goods Co., Worcester, Mass.

2126— Cases (Sample)

Chicago Case Mfg. Co., 213 N Morgan, Chicago, Ill.
Cummings Josiah & Son ("Hub"), 657 Atlantic av, Boston, Mass.
Fibre Specialty Mfg. Co. ("Hercules" Vulcanized Fibre), Kennnett Square, Pa.
Kamlee Co., 448 E Water, Milwaukee, Wis.
Kennebunk Mfg. Co. (Fibre), Rochester, N. H.
Knickerbocker Case Co., 230 N Clinton, Chicago, Ill.
Leatheroid Mfg. Co. (Fibre), 121 Beach, Boston, Mass.
ROGERS FIBRE CO. (Leatheroid Mfg. Co.), ("Leatheroid"), 121 Beach, Boston, Mass. *See adv index at end of book*
Schmeers Paper Box Co., Syracuse, N. Y.
Scheider Bros., 32 W Pearl, Cincinnati, Ohio

2126a—Cases (Screw Cover Mailing)

Estes E. B. & Sons, 364 5th av, New York

2126b— Cases (Shaving Brush)

The Arlington Works (E. I. du Pont de Nemours & Co.), 21 E 40th, New York

2126c— Cases (Shaving Stick)

The Arlington Works (E. I. du Pont de Nemours & Co.), 21 E 40th, New York

2127— *Cases (Shipping)

Estes E. B. & Sons (Wood), 364 5th av, New York. *See adv index at end of book*

2128—Cases (Shipping, Fibre)

See also Packing Box Mfrs.

Already Box Co., Danville, Ill.
American Paper Products Co., 2nd & Bremen av, St. Louis, Mo.
Battle Creek Paper Co. Ltd., Battle Creek, Mich.
Bird & Son ("Neponset"), East Walpole, Mass.
Buffalo Box Factory, Buffalo, N. Y.
Canister Co. of New Jersey, Phillipsburg, N. J.
Collins H. L. Co., Myrtle & Wabash, St. Paul, Minn.
Corrugated Paper Products Co., 221 W 26th, New York
Danbury Square Box Co., Danbury, Conn.
Gair Robert Co., 50 Washington, Brooklyn, N. Y.
Hinde & Dauch Paper Co., Sandusky, O.
Am. Fibre Package Co. Div. Am. Box Board Co., Grand Rapids, Mich.
Lindley Box & Paper Co., Gas City, Ind.
Mengel Box Co., Louisville, Ky.
Ohio Box Board Co., 1390 E 30th, Cleveland, O.
Pennsylvania Fibreform Co., 119 S 4th, Phila., Pa.
St. Louis Paper Can & Tube Corp'n (Fibre), St. Louis, Mo.
Sefton Mfg. Corp., 1301 W 35th, Chicago, Ill.
Seneca Falls Folding Box Co., Seneca Falls, N. Y.
Thompson & Norris Co., Concord & Prince, Brooklyn, N. Y.
Tonawanda Board & Paper Co., Tonawanda, N. Y.

2129— Cases (Shipping, Metal)

Dail Steel Products Co., Lansing, Mich.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Gem Stamped Steel Co., Chelsea, Mass.

Cases (Shoe Polishing)

See Cases, Blacking

2129a— *Cases (Spectacle)

SCHIMPER WILLIAM & CO., 322-338 Ferry, Hoboken, N. J., & 33 Union sq W, New York

2130— Cases (Steel Bottle)

American Steel Package Co., Defiance, O.
Defiance Pressed Steel Co., Defiance, O.
Standard Steel Box Co., Pittsburgh, Pa.

Cases (Suit)

See Traveling Bags & Suit Cases

2130a— Cases (Syringe)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Cases (Tire)

See Covers, Tire

2131— Cases (Tool)

Gerstner H. & Sons ("Gerstner"), Dayton, O.
Lorenz Wm. Trunk Wks, Inc. (Fibre), 212 Marquette av, Minneapolis, Minn.
Peck Hardware Mfg. Co. (Metal), Berlin, Wis.
Pilliod Lumber Co. ("Pilliod"), Swanton, Ohio
Rogers Fibre Co. (Leatheroid Mfg. Co.), ("Leatheroid"), 121 Beach, Boston, Mass. *See adv index at end of book*
Wedell & Boers ("W. & B."), 157 Jefferson, Detroit, Mich.
Weydell F. O., 12 S Clinton, Chicago, Ill.

2131b— Cases (Tooth-Brush)

The Arlington Works, E. I. du Pont de Nemours & Co.), 21 E 40th, New York

2132— Cases (Torpedo)

American Welding Co. (Welded), Carbondale, Pa.

2133-4— Cases (Type)

American Type Founders Co., 200 William, New York
Dexter Metal Mfg. Co. (Steel), 93 Arch, Camden, N. J.
Hamilton Mfg. Co., Two Rivers, Wis.
Wesel F. Mfg. Co., 70 Cranberry, Brooklyn, N. Y.

Casings (Gear Shield)

See Gear Cases

2135-6—Casings (Steam Pipe)

See also Pipe, Wooden

American District Steam Co. ("Standard" Asphaltum Pitch Coated Wood), North Tonawanda, N. Y.
Armstrong Cork & Insulation Co. (Cork), 24th & A. V. R. R., Pittsburgh, Pa.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Michigan Pipe Co. (Tin Lined Wood for Insulating Underground Steam & Hot Water Heating Pipes), Bay City, Mich.
Washington Pipe & Foundry Co., Tacoma, Wash.
Wyckoff A. & Son Co. (Wood), Elmira, N. Y.

2137— Casseroles

Cleveland Stamping & Tool Co., Cleveland, O.
Durion Castings Co. (Acid Proof), Dayton, O.
Farber, S. W., 147 S 5th, Brooklyn, N. Y.
Friedman Joseph, 114 5th av, New York
Landers, Frary & Clark ("Universal" China & Pottery Lined), New Britain, Conn.
Limoges China Co., Sebring, O.
Manning-Bowman & Co., Meriden, Conn.
Ohio Pottery Co. (Porcelain), Zanesville, O. *See adv index at end of book*
Prisk, Wm. M. & Sons Mfg. Co., Yalesville, Conn.
Roseville Pottery Co., Zanesville, O.
Sweeney W. H., Mfg. Co., 30 Main, Brooklyn, N. Y.
Thermal Syndicate, Ltd., 50 E 41st, New York
Webb & Bellamy Casserole Co., 337 River, Chicago, Ill.

Cast Iron Filler

See Cements, Iron & Steel Filler

2138—Cast Iron Pipe (High Pressure)

Coldwell-Wilcox Co. (For Steam or Water), Newburgh, N. Y.
Farrar & Trefts, Inc., Buffalo, N. Y.
Russel Wheel & Foundry Co. (Special), Detroit, Mich.
Wood, R. D. & Co. (For Fire Protection), 400 Chestnut, Phila., Pa.

2139—Cast Iron Pipe Mfrs. (Gas & Water)

American Car & Foundry Co. (3 to 42 inches), Syndicate Trust bldg., St. Louis, Mo.
American Cast Iron Pipe Co. (Hub & Spigot Pipe & Fittings), Birmingham, Ala.
American Casting Co., ("National" Lock Joint), Birmingham, Ala.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Builders' Iron Foundry ("Globe Specials," Also Fittings of All Kinds for Same), 9 Codding, Providence, R. I.
Cast Iron Pipe Publicity Bureau, 1 B'way, New York
Central Foundry Co. ("Universal," also Ammonia & Steam), 90 West, New York
Clow James B. & Sons (2 to 48-inch), Franklin & Harrison, Chicago, Ill.
Colonial Supply Co. (Jobbers), 414 1st av, Pittsburgh, Pa.
Colorado Fuel & Iron Co. (3 to 20-inch), Denver, Col.
Crown Iron Works Co., 1229 Tyler, Minneapolis, Minn.
Donaldson Iron Co. (2 to 36 inches), Emaus, Pa.
Drummond M. J. & Co., 51 Chambers, New York
Fox Jno. & Co. (Mfrs. Agts), 253 B'way, New York
Fuller Iron Works (Cast Iron Flange & Socket Pipe), 40 Tockwotton, Providence, R. I.
Glamorgan Pipe & Foundry Co. (1½ to 36-inch), Lynchburg, Va.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Lynchburg Foundry Co., Lynchburg, Va.
McWane Pipe Works (Lynchburg Foundry Co., Props), Lynchburg, Va.
Massillon Iron & Steel Co. (Also Flange Pipe & Fittings), Massillon, O
NASON MFG. CO. (Jobbers), 71 Fulton, New York
See adv index at end of book
Oregon Iron & Steel Co. (4 to 32-inch), Concord bldg, Portland, Ore. Works: Oswego, Ore.
Russel Wheel & Foundry Co. (High Pressure Water, Specials), **Detroit, Mich.**
Sheffield Cast Iron Pipe & Foundry Co., Sheffield, Ala.
Standard Cast Iron Pipe & Foundry Co., Bristol, Pa.
Superior Mfg. Co., Bessemer, Ala.
U. S. Cast Iron Pipe & Foundry Co. (Gas & Water, Sewer & Culvert, 2 to 84 inches), Burlington, N. J.
Warren Foundry & Machine Co. (3 to 60-inch), Phillipsburg, N. J.
Washington Pipe & Foundry Co., Tacoma, Wash.
Wood R. D. & Co. (1 to 72-inch), 400 Chestnut, Phila., Pa.

2140—Cast Iron Soil Pipe & Fittings Mfrs.

For Jobbers of These Goods, See Plumbers' Supplies, Jobbers

Abendroth Bros. (2 to 10-inch), Port Chester, N. Y.
Beggs Pipe & Foundry Co., Birmingham, Ala.
Bessemer Pipe Wks, Bessemer, Ala.
Campbell Mfg. Co., Gadsden, Ala.
Casey-Hedges Co., Chattanooga, Tenn.
Central Foundry Co. (All Sizes), 90 West, New York
Charlotte Pipe & Foundry Co., Charlotte, N. C.
Crown Pipe & Foundry Co. (Up to 8 inches), Jackson, O.
Essex Foundry, Murray, Newark, N. J.
Franklin Pipe & Foundry Co., 2438 S Paulina, Chicago, Ill.
Gadsden Pipe Co., Gadsden, Ala.
Glenn Fred E. (Extra Heavy & Standard Pipe & Complete Line of Fittings), St. Charles, Ill.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Hallman Oliver F., Mont Clare, Pa.
Hammond-Byrd Iron Co., Birmingham, Ala.
Johnson J. D. Co. (2 to 15 ft), 54 Cliff, New York
Krupp Foundry Co., Lansdale, Pa.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Medina Foundry Co., Medina, N. Y.
Mott J. L. Iron Works, Trenton, N. J.
NASON MFG. CO. (Jobbers), 71 Fulton, New York. *See adv index at end of book*
National Foundry Co. (2 to 10-inch), 10 Sanford, Brooklyn, N. Y.
National Pipe & Fdry Co., Attalla, Ala.
Reading Foundry & Supply Co., Reading, Pa.
Sanitary Co., Drexel bldg., Phila., Pa.
Saul Eugene C., Monadnock bldg, San Francisco, Cal.
Somerville Iron Works, Somerville, N. J.
South Pittsburg Foundry Co., S Pittsburg, Tenn.
Superior Mfg. Co., Bessemer, Ala.
Union Foundry Co. ("U. F. Co."), Anniston, Ala.
Union Sanitary Mfg. Co., Noblesville, Ind.
United Lead Co. (Lead lined), 111 B'way, New York
WEISKITTEL A. & SON CO. ("Diamond"), 12th & E Lombard, Baltimore, Md.
Wetter H. Mfg. Co., Memphis, Tenn. Works: South Pittsburg, Tenn.
Wolff L. Mfg. Co. (2 to 12-inch), 111 N Dearborn, Chicago, Ill.

2141—Casters (Bed & Furniture)

A. B. Stove Co., Battle Creek, Mich.
Armstrong Truck Co. (Ball Bearing & Friction Swivel), North Wales, Pa.
Belt Grip Pulley Co., 182 Breckenridge, Buffalo, N. Y.
Burns & Bassick Co. Division of the Bassick Co. ("Feltoid"), Bridgeport, Conn.
Clark Geo. P. Co., Windsor Locks, Conn.
Coleman Hardware Co., 122 S Michigan av, Chicago, Ill.
Columbia Ball Caster Co. ("Columbia" Revolving Steel Ball, Stem, Plate, etc), 160 N 5th av, Chicago, Ill.
Faultless Caster Co. ("Faultless," "Bull Dog," "New Idea" Noisless Wheel, Fibre Wheel, Glass Insulating, etc), Evansville, Ind.
Foster, Merriam & Co. ("Victor"), Meriden, Conn.
Hamilton Caster & Mfg. Co., Hamilton, O.
Heron Mfg. Co. (Metal Bed, Wool Wheel), Utica, N. Y.
Inlaid Floor Co., 18th & Alabama, San Francisco, Cal.; & 4067 Watts, Emeryville, Cal.
Jarvis & Jarvis, Southbridge, Mass.
Keystone Friction Hinge Co. ("20th Century"), Williamsport, Pa.
Niksah Snow Guard Co., 5 Mt. Pleasant, Worcester, Mass.
Parker Charles Co. (Piano), Meriden, Conn
Payson Mfg. Co. ("Payson" Anti-Friction Furniture), 2918 W Jackson blvd, Chicago, Ill.
Pennsylvania Stamping Co., York, Pa.
Phoenix Caster Co., Indianapolis, Ind.
Sargent & Co., New Haven, Conn.
Saul Eugene C., Monadnock bldg, San Francisco, Cal.
Schatz Mfg. Co. ("Acme" Ball Bearing), Poughkeepsie, N. Y.
Schenck M. B. Co. Div. ("Yale"), Meriden, Conn.—see The Bassick Co., Bridgeport, Conn.
Schriver O. P. & Co. (Anti-Friction, "Hercules," "I X L"), 621 E Pearl, Cincinnati, O.
Tucker & Dorsey Mfg. Co. ("Martin," "Tucker," "Boss" & "Stengel"), Indianapolis, Ind.
Universal Caster & Foundry Works ("Grip Neck," "Philadelphia," "Oblong Plate," Ball Bearing Iron, Steel & Brass Piano, Bedstead, Furniture, etc), Newark, N. J.—see the Bassick Co., Bridgeport, Conn.
Weber-Knapp Co. (Sliding), Jamestown, N. Y.
Wrightsville Hardware Co., Wrightsville, Pa.

2142— Casters (Piano)

See Casters, Bed & Furniture

Casters (Sliding)

See Shoes, Sliding Furniture

2143—Casters (Stove & Truck)

Armstrong Truck Co., North Wales, Pa.
Arnold & Co., Norwalk, Conn.
Chicago Hardware Foundry Co. ("Harper Handy"), North Chicago, Ill.
Clark Geo. P. Co., Windsor Locks, Conn.
Coleman Hardware Co., 122 S Michigan, Chicago, Ill.
DELAWARE HARD FIBRE CO. (Fibre), Wilmington, Del.
See adv index at end of book
Divine Bros. Co. (Cushioned Truck Only), Utica, N. Y.
Elkhart Hardware Mfg. Co. (Anti-Friction), Elkhart, Ind.
FAIRBANKS CO. (Plain & Ball Bearing), 416 Broome, New York
For branch houses see Alphabetical Section
Foster, Merriam & Co. ("Victor"), Meriden, Conn.
Hamilton Caster Mfg. Co., Hamilton, O.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lansing Co., Lansing, Mich.
Lering H. Mfg. Co. (Truck), Cincinnati, O.
National Fibre & Insulation Co., Yorklyn, Del.
Payson Mfg. Co. (Anti-Friction), 2918 W Jackson blvd, Chicago, Ill.
Reading Hardware Co., (Store Truck), Reading, Pa.
Sargent & Co., New Haven, Conn.
Saul Eugene C., Monadnock bldg., San Francisco, Cal.
Schenck M. B. Co. Div. ("Yale," "Gem"), Meriden, Conn.—see the Bassick Co., Bridgeport, Conn.
Schriver O. P. & Co. ("Hercules"), 621 E Pearl, Cincinnati, O.
Stearns E. C. & Co., 450 Oneida, Syracuse N. Y.
Tucker & Dorsey Mfg. Co. ("Tucker"), Indianapolis, Ind.
Universal Caster & Foundry Works, Newark, N. J.—see the Bassick Co., Bridgeport, Conn.

2145—Castings (Acid Resisting)

Acid Proof Iron Products Co., 41 Hermon, Newark, N. J.
Brown Bros., Stamford, Conn.
Brunner Foundry & Mfg. Co. (For Chem. & Zinc Companies), Peru, Ill.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Clark J. Alfred, 35th & Gray's Ferry rd, Philadelphia, Pa.
Devine J. P. Co., Buffalo, N. Y.
Duriron Castings Co., Dayton, O.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Morgan Engineering Co., Alliance, O.
See adv index at end of book

2146—Castings (Air Furnace)

American Foundry & Construction Co., 2d av, & Longworth, Pittsburgh, Pa.
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Bonney-Floyd Co. (Open-Hearth, Converter & Crucible Steel), Columbus, O.
Brown Bros., Stamford, Conn.
Chambersburg Engineering Co. (Up to 100 tons), Chambersburg, Pa.
Hubbard Steel Foundry Co., East Chicago, Ind.
Hyde Park Foundry & Machine Co., Hyde Park, Pa.
Lakeside Malleable Castings Co. (Malleable Iron), Racine, Wis.
Lehigh Foundry Co. (Up to 50 Tons), Fullerton, Pa.
Maumee Malleable Castings Co. (Malleable Iron), Toledo, O.
MESTA MACHINE CO. (Iron), Pittsburgh, Pa. *See adv index at end of book*
Morgan Engineering Co., Alliance, O.
See adv index at end of book
National Roll & Foundry Co. (Heavy), Avonmore, Pa.
Philadelphia Roll & Machine Co. (Heavy), 25th & Washington av, Phila., Pa.
Reading Iron Co., Reading, Pa.
Rockford Malleable Iron Works (Refined), Rockford, Ill.
Syracuse Malleable Iron Works (Malleable Iron), Syracuse, N. Y.
Wisconsin Malleable Iron Co., South Bay, Milwaukee, Wis.
Youngstown Foundry & Machine Co., Youngstown, O.

2147— Castings (Aluminum)

Acieral Co. of Am., 26 Cortlandt, New York City
Acme Brass Foundry Co., Los Angeles, Cal.
Alloyed Metal & Mfg. Co., 2337 Pope & Newstead avs, St. Louis, Mo.
Aluminum Castings Co. (Lynite), Cleveland, O.
Aluminum Goods Mfg. Co., Manitowoc, Wis.
American Brass & Iron Co., Crystal & Trombly, Detroit, Mich.
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
American Safety Lamp & Mine Supply Co., Scranton, Pa.
Anderson A. H., 1213 Fulton, Chicago, Ill.
Atkinson Co., Rochester, N. Y.
Atlanta Mfg. & Supply Co., Atlanta, Ga.
Atlas Brass Works, 431 Folsom, San Francisco, Cal.
Bartlett A. F. & Co., Saginaw, Mich.
Best Light Co., 477 Second N E, Canton, O.
Blake Edwin J., Hartford, Conn.
Boston Foundry Co., 210 Border, Boston, Mass.
Brass Foundry Co., Peoria, Ill.
Bridgeport Deox Bronze & Metal Co., Bridgeport, Conn.
Brown Bros., Stamford, Conn.
Buckeye Iron & Brass Works (Special), Dayton, O.
Cadman A. W. Mfg. Co., 2816 Smallman, Pittsburgh, Pa.
Canton Brass Foundry Co., Canton, O.
Capital Brass Works, Chene & Franklin, Detroit, Mich.
Central Specialty Co., 1651 St. Aubin, Detroit, Mich.
Champion Brass Works, Coldwater, Mich.
Chicago Hardware Foundry Co., North Chicago, Ill.
Chicago Malleable Castings Co., 120th & Racine av, Chicago, Ill.
City Brass Foundry Co., 5318 St. Clair av, Cleveland, O.
Clark D. W. & Co., 280 First, Boston, Mass.
Clark Foundry Co., Rumford, Me.
Clarksville Foundry & Machine Works, Clarksville, Tenn.
Clayton & Lambert Mfg. Co., 205 Piquette av, E. Detroit, Mich.
Cleveland Aluminum Casting Co., 905 Addison rd, Cleveland, O.
Colonial Fireplace Co., 4631 W 12th St., Chicago, Ill.
Commutator Co., 121 N. First, Minneapolis, Minn.
Dake Engine Co., Grand Haven, Mich.
Dallas Brass Mfg. Co., Dallas, Texas
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.
Denver Brass Works Co., Denver, Col.
Detroit Foundry Co., Detroit, Mich.
Detroit Motor Castings Co., 299 Beaufait, Detroit, Mich.
Detroit Shipbuilding Co. (Brass Dept), Detroit, Mich.
Eastwood Wire Mfg. Co. (¼ oz to 20,000 lbs), Belleville, N. J.
Electric Materials Co., North East, Pa.
Elevator Supplies Co., Hoboken, N. J.
Ellison Brass Mfg. Co., Jamestown, N. Y.
Enterprise Fdy Co., 65 Market, San Francisco, Cal.
Erie Specialty Co., 520 W 12th, Erie, Pa.
Eureka Co., North East, Pa.
Everhart Brass Works, Scranton, Pa.
Exeter Brass Works, Exeter, N. H.
Exeter Machine Works (Rough or Finished), Pittston, Pa.
Eynons-Evans Mfg. Co., 1519 Clearfield, Phila., Pa.
Fallon Thos. F. & Co., Lawrence, Mass.
Faries Mfg. Co., Decatur, Ill.
Federal Brass Works, 3100 S Kedzie, Chicago, Ill.
Fischer-Sweeney Bronze Co., Hoboken, N. J.
Fraim E. T. Lock Co., Lancaster, Pa.
See adv index at end of book
Franklin Mfg. Co. (Die), Magnolia, Syracuse, N. Y.
Gallison F. L., Lawrence, Mass.
General Aluminum & Brass Mfg. Co., Boulevard & St. Aubin av, Detroit, Mich.
General Railway Signal Co., Rochester, N. Y.
Germann Bronze Co., Erie, Pa.
Gilbert A. & Sons Brass Foundry Co., 4019 Forest Park blvd, St. Louis, Mo.
Graham Chas. E., New Haven, Conn.
Great Lakes Brass Foundry, Bay City, Mich.
Greenville Iron Works, Greenville, S. C.
Hackett Bros., 242 Lillibridge, Detroit, Mich.
Haish Jacob Co., De Kalb, Ill.
Hall Printing Press Co., Dunellen, N. J.
Halstead & Co., 1129 Cherry, Phila., Pa.
Hampden Brass Co., Springfield, Mass.
Hampton Mfg. Co., Hampton, Va.
Hancock Mfg. Co., Charlotte, Mich.
Harley Co., Springfield, Mass.
Hastings Foundry & Iron Works, Hastings, Neb.
Hewitt John, East Newark, N. J.
Higgins & Co., Holyoke, Mass.
Highton Wm. & Sons Co., Nashua, N. H.
Hoban Brass Fdry. Co., Dayton, O.
Hoffman Bronze & Aluminum Castings Co., 1000 Addison rd, Cleveland, O.
Hough Chas. N. Mfg. Co., Franklin, Pa.
Hughes Bros., Scranton, Pa.
Ideal-Die Casting Co., 756 Eddy, Providence, R. I.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill.
See adv index at end of book
Jackson Brass Foundry Co., Jackson, Mich.
Jenkins Mfg. Co., Bloomfield, N. J.
Johnson Bronze Co., New Castle, Pa.
Jones Jas. Co., Los Angeles, Cal.
K. & M. Casting Co., 10611 Quincy av, Cleveland, O.
Keokuk Hydraulic Tire Setter Co., Keokuk, Ia.
Keystone Bronze Co. (High Grade), Pittsburgh, Pa., & Hobart bldg., San Francisco, Cal.
KNAPP ARTHUR ENGINEERING CORP., 30 Church, New York
See adv index at end of book
Lambertville Iron & Steel Co., Lambertville, N. J.
Laurel Machine & Foundry Co., Laurel, Miss.
LEBANON GEAR & MACHINE WORKS, 17th & Forge, Lebanon, Pa.
See adv index at end of book
Leetsdale Fdry. & Mfg. Co., Leetsdale, Pa.
Leslie Co. (Bronze), Lyndhurst, N. J.
Levett Walker M. Co., 417 E 23rd, New York
Liberty Brass Works, 305 W Lombard, Baltimore, Md.
Light Mfg. & Foundry Co. ("Automobile"), Pottstown, Pa.
Long Bros., Kokomo, Ind.
Lovell F. H. & Co., Arlington, N. J.
LUNKENHEIMER Co. Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McCafferty J. H. Co., 434 Harrison av, Boston, Mass.
McGee Jos. Iron & Brass Fdry. Co., 51 6th, Long Island City, N. Y.
McHatton Foundry Co., 1500 Washington av, Phila., Pa.
Machsts. Foundry Co., Muncie, Ind.
Maryland Brass & Metal Works, Guilford & Federal, Baltimore, Md.
Mechanics' Foundry & Machine Co., Fall River, Mass.
Messmer Fred Mfg. Co., 2700 S 7th, St. Louis, Mo.
Metal Products Co., 78 Portland, Boston, Mass.
Midland Brass Works, Fort Worth, Tex.
Miller J. Walter Co., Lancaster, Pa.
Mills Wm. A Brass Co., Port Chester, N. Y.
Monumental Bronze Co., Bridgeport, Conn.
Moran Flexible Steam Joint Co., Louisville, Ky.
More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.
Mosher J. R., Greene, N. Y.
Mousley's Chas. Sons, 457 N 12th, Phila., Pa.
Muskegon Aluminum Foundry Co., Muskegon, Mich.
National Art Bronze Wks Co., Pope & Carrie avs, St. Louis, Mo.
National Brass Mfg. Co. (Large or Small), Rochester, N. Y.
National Bronze & Aluminum Foundry Co., 2539 E 79th, Cleveland, O.
Neenah Brass Works, Neenah, Wis.
Newell Fred E., Central Falls, R. I.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
North American Smelting Co., 9th & Thompson, Phila., Pa.
North Star Spinning & Mfg. Co., St. Paul, Minn.
North West Foundries, Inc., Rochester, N. Y.
Norwalk Foundry Co., Norwalk, O.
Oberdorfer M. L. Brass Co., 810 E Water, Syracuse, N. Y.
Onondaga Brass Co., Syracuse, N. Y.
Osborn Machine Co., Dubois, Pa.
Owren Casting Co., Attleboro, Mass.
Parsons G. W. Co., Newton, Ia.
Penn Brass & Bronze Works, 111 Dobbin, Brooklyn, N. Y.
Philadelphia Hardware & Malleable Iron Works, 9th & Jefferson, Phila., Pa.
Pioneer Brass Works, Indianapolis, Ind.
Pittsburgh Brass Mfg. Co., Pittsburgh, Pa.
Powell Wm. Co., Cincinnati, O.
Precision Castings Co., Inc., Fayettesville, N. Y.
Prier Brass Mfg. Co., Kansas City, Mo.
Providence Brass & Aluminum Foundry (1 Grain to 1000 Pounds; also Aluminum Bronze), 460 Eddy, Providence, R. I.
Racine Aluminum & Brass Foundry, Racine, Wis.
Racine Brass & Iron Co., Racine, Wis.
Rath Aluminum & Brass Foundry Co., New Philadelphia, Pa.
Reeves Paul S. & Co., 1415 Catharine, Phila., Pa.
Remington Machine Co., 411 E Front, Wilmington, Del.
Rempis & Gallmeyer Foundry Co., Grand Rapids, Mich.
Richardson Edro Brass Co., 318 N Holliday, Baltimore, Md.
Rider-Bagg Co., Springfield, Mass.
Rock Island Metal Foundry, 505 41st, Rock Island, Ill.
Rogers C. E., 34 Beach, Boston, Mass.
Rosenthal's Jos. W. Sons, 190 Berks, Phila., Pa.
Ruggles Machine Co., Poultney, Vt.
Russell Foundry & Machine Works, 51 6th, Long Island City, N. Y.
Rutember Motor Co., Marion, Ind.
Ryder Brass Foundry Co., Bucyrus, O.
Saint Cloud Iron Works Co., St. Cloud, Minn.
Sayre Stamping Co. (High Grade), Sayre, Pa.
Schoen-Jackson Co., Finance bldg, Philadelphia, Pa.
Scovill Mfg. Co., Waterbury, Conn.
See adv index at end of book
Sharp J. C., Brass Works, Chattanooga, Tenn.
Sheeler-Hemsher Co., 811 Fairmont av, Phila,, Pa.
Sherwood Brass Works, 1167 Jeff E., Detroit, Mich.
Silver Aluminum Metal Co., 294 Taaffe pl, B'klyn, N. Y.
Simplex Foundry Co., Columbus, O.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Smith Fdry. Co., Turners Falls, Mass.
Southern Brass Mfg. & Plating Co., Houston, Tex.
Spangler Chas., Allentown, Pa.
Springfield Brass Co., Springfield, O.
Standard Brass Foundry Co., 990 E 67th, Cleveland, O.
Standard Foundry Co., Hartford, Conn.
Stanley Bronze Co., Bridgeport, Conn.
Sterling Aluminum Co., Erie, Pa.
Sterling Machine & Stamping Co., Wellington, O.
Stover Mfg. Co., Freeport, Ill.
Thiery & Kendrick Mfg. Co., 660 Franklin, Detroit, Mich.
Titan Copper Products Co., 90 Arthur, Buffalo, N. Y.
Toledo Ship Building Co., Toledo, O.
Topeka Foundry & Mfg. Co., Topeka, Kan.
Trefethen D. A. Taunton, Mass.
Trenton Brass & Machine Co., Trenton, N. J.
Trenton Malleable Iron Co., Trenton, N. J.
Triumph Electric Co., Oakley, Cincinnati, Ohio *See adv index at end of book*
Tritzell Oscar, Brass Founder, 51 Chestnut, New Haven, Conn.
Twentieth Century Brass Works, 514 Fifth av S, Minneapolis, Minn.
Union Brass Foundry Co., Lowell, Mass.
Union Switch & Signal Co., Swissvale, Pa.
United Foundry & Machine Co., Bridgeport, Conn.
U. S. Aluminum Co., Oliver bldg, Pittsburgh, Pa.
Universal Machine Co., Bowling Green, O.
Valley Machine Co., Parkersburg, W. Va.
Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.

CASTINGS (ALUMINUM)—continued

Virginia Foundry & Machine Co., Virginia, Minn.
Waltham Foundry Co., Waltham, Mass.
Waterbury Brass Goods Corp., Waterbury, Conn.
Waynesboro Foundry & Machine Co., Waynesboro, Pa.
Weber-Knapp Co., Jamestown, N. Y.
Wellman Bronze Co. (Medium & Heavy), 6017 Superior av, Cleveland, O.
Werra Aluminum Foundry Co., Waukesha, Wis.
Western Iron & Foundry Co., Wichita, Kans.
Western Pattern & Mfg. Co., Moline, Ill.
Wheeling Bronze Casting Co., Wheeling, W. Va.
Wilfort John, Co., 258 B'way, New York
Williams E. A. & Son, 109 Plymouth, Jersey City, N. J.
Wisconsin Aluminum Foundry Co., Manitowoc, Wis.
Wisconsin Iron & Metal Co., Oshkosh, Wis.
Zero Valve & Brass Mfg. Co., Buffalo, N. Y.

2148—Castings (Aluminum Bronze)

Brown Bros., Stamford, Conn.
French H. P. Co., Inc., 320 B'way, New York. *See adv index at end of book*
Titanium Bronze Co., Niagara Falls, N. Y.

2149— Castings (Automobile)

See also Castings, Various Kinds

Acieral Co. of Am., 26 Cortlandt, New York
Acme Steel & Malleable Iron Works (Steel & Malleable Iron), 245 Military rd, Buffalo, N. Y.
Atlantic Steel Casting Co. (Low Carbon, Open Hearth), Chester, Pa.
Auburn Foundry, Auburn, Ind.
Bayonne Casting Co., Monel, Bayonne, N. J.
Bonney-Floyd Co. (Open-Hearth, Converter & Crucible), Columbus, O.
Bridgeport Deox Bronze & Metal Co., Bridgeport, Conn.
Chicago Steel Foundry Co. (Vanadium 5046 Lakeside, Cleveland, O.
Chisholm-Moore Mfg. Co. (Malleable Iron), 49th to 53d & Lake, Cleveland, O.
Cincinnati Steel Castings Co. (Steel & Other Alloy Steel), Queen City & Spring Grove avs, Cincinnati, O.
City Brass Foundry Co., 5318 St. Clair av, Cleveland, O.
Cleveland Aluminum Casting Co., 905 Addison rd, Cleveland, O.
Sox Brass Mfg. Co., Albany, N. Y.
Cramp Wm. & Sons Ship & Engine Building Co., Beach & Ball, Phila., Pa.
Cureton Wm. & Sons (Grey Iron & Semi-Steel), Lexington, Richland Co., O.
Danville Malleable Iron Co. ("Malleable Iron"), Danville, Ill.
Dayton Steel Foundry Co. (Electric), Dayton, O.
Edna Brass Mfg. Co. (Brass), Cincinnati, O.
Ensign Foundry Co., Toledo, O.
Erie Malleable Iron Co., Erie, Pa.
Erie Specialty Co., 520 W 12th, Erie, Pa.
Farrell-Cheek Steel Foundry Co. (Steel), Sandusky, O.
Ferro Machine & Foundry Co., E 66th & Hubbard av, Cleveland, O.
Franklin Mfg. Co. (Die), Magnolia, Syracuse, N. Y.
Germann Bronze Co., Erie, Pa.
Globe Malleable Iron and Steel Co. (Malleable Iron & Vanadis Annealed Steel), 101 Greenway av, Syracuse, N. Y.
Hardy Wm. A. & Sons Co. (Brass & Bronze), Fitchburg, Mass
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Hoffman Bronze & Aluminum Castings Co., 1000 Addison rd, Cleveland, O.
Hopson & Chapin Mfg. Co. (Cast Iron), New London, Conn.
Interstate Foundry Co., E 61st & Erie R R, Cleveland, O.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
Johnson Bronze Co., New Castle, Pa.
Lockport Chemical Wks., Lockport, Ill.
LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y.
See adv index at end of book
LUNKENHEIMER CO., Executive Office & Factories: Beekman & Waverly,
See adv index at end of book
Manufacturers' Foundry Co. (Grey Iron Cylinders; also for Motor Boats), Waterbury, Conn.
Michigan Malleable Iron Co., Delray, Detroit, Mich.
Michigan Motor Casting Co., Flint, Mich.
Minneapolis Crucible Steel Co., 38th av, N E & 5th, Minneapolis, Minn.
National Bronze & Aluminum Foundry Co. (Aluminum & Bronze), 2539 E 79th, Cleveland, O.
National Malleable Castings Co., 7706 Platt, S E, Cleveland, O.
Oberdorfer M. L. Brass Co., 810 E Water, Syracuse, N. Y.
Ohio Malleable Iron Co. (Malleable Iron), 961 N Fourth, Columbus, O.
Pfau Mfg. Co. (Brass), Mentor & Huston, Norwood, Cincinnati, O.
Pioneer Brass Works, Indianapolis, Ind.
Pittsburgh Iron & Steel Foundries Co. Midland, Pa.
Reedy Foundry Co., 4600 Iowa, Chicago, Ill.
Reliance Foundry Co., Richmond, Ind.
Rock Island Metal Foundry, 505 41st, Rock Island, Ill.
Rockford Brass Works, Rockford, Ill.
Rogers C. E. (Aluminum), 34 Beach, Boston Mass.
Sivyer Steel Casting Co., Milwaukee, Wis.
Smith Geo. H. Steel Casting Co. (Steel & Other Alloy Steel), 500 Clinton, Milwaukee, Wis.
Sowers Mfg. Co., 1320 Niagara, Buffalo, N. Y.
Standard Brass Foundry Co., 990 E 67th, Cleveland, O.
Standard Steel Castings Co., 3311 W. 73rd, Cleveland, O.
Strong Steel Foundry Co. (Steel), Buffalo, N. Y.
Susquehanna Casting Co., Wrightsville, Pa.
Thiery & Kendrick Mfg. Co. (Brass), 660 Franklin, Detroit, Mich.
Titan Copper Products Co., 90 Arthur, Buffalo, N. Y.
Titanium Bronze Co., Inc., Niagara Falls, N. Y.
Turner & Seymour Mfg. Co., Torrington, Conn.
U. S. Aluminum Co., Oliver bldg, Pittsburgh, Pa.
Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.
Warren Steel Casting Co. (Crucible Steel), 4700 Fyler av, St. Louis, Mo.
Whitely Malleable Castings Co. ("Whitely's Crown" Steel), Muncie, Ind.
Whiteley Steel Co. (Cast Steel), Muncie, Ind.
Yost G. M. Mfg. Co. (Crucible Steel), Meadville, Pa.

2150— Castings (Bake Oven)

Allbrecht, Francis J., Pittsburgh, Pa.
Spangler Chas., Allentown, Pa.
Sperry D. R. & Co., Batavia, Ill.
Western Iron & Foundry Co., Wichita, Kans.

Castings (Blast Furnace)

See Castings, Rolling Mill & Furnace; Also Castings, Steel.

Castings (Boiler)

See Boiler Fronts & Castings

2151—Castings (Brass & Bronze)

For all Brass Founders not found under this heading see Machinists & Founders marked with a (§) Section Mark
See also Castings, Copper; Castings, Manganese Bronze; Castings, Phosphor Bronze; Bearings of Various Kinds; Bell Founders; Valve Manufacturers

ALABAMA.

BIRMINGHAM—Ajax Metal Co. of th South
Gilb V. & Son
Joubert & Goslin Mach. & Fdry. Co.
Wallwork H. Foundry Co.
MOTGOMERY—Hartley Boiler Works
Janney & Co. (Also Iron)

CALIFORNIA.

LOS ANGELES—Acme Brass Foundry Co.
Axelson Machine Co.
Fulton Engine Works
Jones Jas. Co.
Llewellyn Iron Works
Meyberg Co.
OAKLAND—Phoenix Iron Works Co.
RICHMOND— Santa Fe Fdry. Co.
SACRAMENTO—Union Iron Works
SAN FRANCISCO—Atlas Brass Works, 431 Folsom
California Artistic Metal & Wire Co., 349 7th
California Brass Wks. (Kingwell Bros.), 450 Natoma
DIAMOND EXPANSION BOLT CO. (Brass), 156 2d
See adv index at end of book
Enterprise Foundry Co., 65 Market
Garratt W. T. & Co., 299 Fremont
Greenberg's M. & Sons, 225 Beale
Keystone Bronze Co., Hobart bldg.
Kingwell L., 450 Natoma
Krenz Oscar Copper & Brass Works, 431 Folsom
San Francisco Brass Foundry, 48 Clementina
Tay Geo. H. Co., 599 Mission
Union Iron Works Co., 20th & Michigan

COLORADO.

COLORADO SPRINGS—Hassel Iron Wks. Co.
DENVER—Denver Brass Works Co.
Denver Iron Works & Foundry Co.
Flint Electric & Mfg. Co.
Slack-Horner Brass Mfg. Co.
Stearns-Roger Mfg. Co.
PUEBLO—Ortner Geo. J.
Pueblo Foundry & Machine Co.

CONNECTICUT.

ANSONIA—Phelps H. D.
BRIDGEPORT—Belknap Mfg. Co. (Brass)
Bridgeport Brass Co.
Bridgeport Deox. Bronze & Metal Co.
Burns & Bassick Co. (Division of The Bassick Co.)
Hamilton Jno. Brass Works
Monumental Bronze Co.
Sanford David C. Co.
Smith L. C. Co.
Stanley Bronze Co.
United Foundry & Machine Co.
BRISTOL—Bristol Brass Co.
DANBURY—Turner Machine Co.
GUILFORD—**SPENCER'S I. S. SONS (INC.)**
HARTFORD—Blake Edwin J.
Capitol Foundry Co.
Craig Jno. M.
Howard Jas. L. & Co.
Standard Foundry Co. (Bronze)
MERIDEN—**Foster, Merriam & Co.**
Miller Edw. & Co.
MIDDLETOWN—**Chapman W. H. Co.**
Wilcox, Crittenden & Co.
MILFORD—**Rostand Mfg. Co.**
MOUNT CARMEL—**Woodruff Walter W. & Sons Co.**
NAUGATUCK—**Russell J. M. Mfg. Co.**
NEW BRITAIN—**Flannery P. J. Co.**
Kinne W. A.
North & Judd Mfg. Co. (& Composition)
Osborne George H.
NEW HAVEN—**English & Mersick Co.**
Fritzell Oscar, Crass Founder, 51 Chestnut
Graham Jas. & Co.
Ives H. B. Co.
Peck Bros. & Co.
Sargent & Co.
NEW LONDON—**New London Marine & Iron Works**
NORWICH—**Tracy C. Oscar**
PLAINVILLE—**Clark A. N. & Son (To Order)**
Carter E. T.
Elm City Brass & Rivet Co.
SHELTON—**Meyer Fred'k C. (Also Iron)**
STAMFORD—**Brown Bros.**
Stamford Iron Works
STONINGTON—**Miller's A. B. Sons**
TORRINGTON—**Turner & Seymour Mfg. Co.**
WATERBURY—American Pin Co.
Connecticut Brass Foundry Co.
Connecticut Mfg. Co.
Manufacturers Foundry Co.
Matthews & Willard Mfg. Co.
Novelty Mfg. Co.
SCOVILL MFG. CO.
See adv index at end of book
Waterbury Brass Goods Corp'n
Waterbury Mfg. Co.

DELAWARE.

EAST WILMINGTON—**HILLES & JONES CO.** *See adv index at end of book*
WILMINGTON—Poole J. Morton Co., ft of Thomas
Remington Machine Co., 411 E Front

FLORIDA.

JACKSONVILLE—Florida Machine Works Foundry
McMillan Bros. Co.
Murphy Timothy Iron Works
MIAMI—Lyne C. H.
ORLANDO — South **Florida Foundry & Machine Works**
PALATKA—Stanton Foundry & Machinery Co.
PLANT CITY—Plant City Foundry, Machine, Boiler Works
TAMPA—Tampa Foundry & Machine Co.

GEORGIA.

ATLANTA—Atlanta Mfg. & Supply Co.
Pratt Engineering & Machine Co.
Southern Iron & Equipment Co.
Spalding Foundry Co.
Withers Foundry & Machine Works
AUGUSTA—Georgia Iron Works
BRUNSWICK — Parker-Hensel Engineering Co.
COLUMBUS—Columbus Iron Works
Golden's Foundry & Machine Co.
CORDELE—Tomlin-Harris Machine Co.
MACON—Mallary & Roper Co.
Schofield's J. S. Sons Co.
ROME—Davis Foundry & Machine Works
Rome Machine & Fdry Co.
SAVANNAH—Kehoe Iron Works
Rourke John & Sons
WEST POINT—West Point Iron Works
WINDER—Woodruff Machinery Mfg. Co.

ILLINOIS.

AURORA—Aurora Metal Co.
Love Bros.
BELLEVILLE—M. H. Foundry & Mfg. Co.
CAIRO—Reed Hardware & Mfg. Co.
CHICAGO—Acme Supply Co., 28 E Jackson blvd.
Adams & Westlake Co., 319 W Ontario
Allen W. D. Mfg. Co., 566 W Lake
Anderson A. H. (Light & Heavy), 1213 Fulton
Anderson Bros., 1388 Fulton
Anderson Wm. B. Fdry Co., 28 S Clinton
Chicago Hardware Foundry Co., 546 Washington blvd
Chicago Journal Bearing Co. (High Grade), 519 W Van Buren
Dawson Brothers, 523 N Halsted
DIAMOND EXPANSION BOLT CO. (Brass), 168 No. Michigan av.
See adv index at end of book
Eddy Brass Foundry & Machine Co.. 301 N Halsted
Empire Brass Works, 824 Fulton
Faunt Bros., 1555 Fulton
Federal Brass Works, 3100 S Kedzie
Federal-Huber Co., 234 N Halsted
Griscom-Russell Co., 234 N Halsted
See adv index at end of book
Harris Arthur & Co. (Heavy), 212 N Curtis
Heath-Johnson Co., 300 W Ontario
Hills-McCanna Co., 153 W Kinzie
Hodgson Foundry Co., 2012 W 13th
Holland Brass Works, 616 W Monroe
Illinois Malleable Iron Co., 1801 Diversy blvd
See adv index at end of book
Imperial Brass Mfg. Co. (Red, White, Yellow & Hard Brass), 524 S Racine av
See adv index at end of book
Magnus Metal Co., 80 E Jackson blvd.
Mahoney Pat'k F., 552 W Lake
Newman Mfg. Co., 68 W Washington
See adv index at end of book
Paragon Metal Co., 3050 S Ashland av
Ryan J. J. & Co., 100 S Jefferson
Smeeth-Harwood Co., 2401 W 22d
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av
See adv index at end of book
Stier Herman, 814 George
Street & Kent Mfg. Co. (Plumbers' Specialties), 549 Fulton
Weir & Craig Mfg. Co., 2421 Wallace
Western Brass Mfg. Works, Marshall blvd & W 21st
White Brass Castings Co., 1656 Austin av
DECATUR—Faries Mfg. Co.
Mueller H. Mfg. Co. (Brass)
DE KALB—Haish Jacob Co.
EDWARDSVILLE—Edwardsville Brass Co.
FREEPORT—Stover Mfg. Co.
LITCHFIELD—Litchfield Foundry & Machine Co.
MOLINE—Schmidt Joseph
Western Pattern & Mfg. Co.
MURPHYSBORO — Southern Illinois Machine & Foundry Co.
NORTH CHICAGO — Chicago Hardware Foundry Co.
PEORIA—Brass Foundry Co.
Kinsey & Mahler Co.
QUINCY—Bush Foundry & Metal Wheel Co (Also Iron)
Hayton Pump Co. (Brass & Iron)
Modern Iron Works
Quincy Foundry & Novelty Co.
Van Doorn Co.
ROCKFORD—Rockford Brass Works
ROCK ISLAND—Blake Specialty Co.
Rock Island Metal Foundry, 505 41st

INDIANA.

ANDERSON—Lavelle Foundry Co. (Brass)
BEDFORD—Bedford Foundry & Machine Co.
ELKHART — Northern Indiana Brass Fdry. Co.
EVANSVILLE—Evansville Brass Works
Grote F. Mfg. Co.
Healey Peter
Heilman Machine Works
HAMMOND—Hammond Brass Works
INDIANAPOLIS—Drew Electric & Mfg. Co.
Keyless Lock Co.
Nordyke & Marmon Co., 1290 Kentucky av
Pioneer Brass Works
KOKOMO—Kokomo Brass Works
Long Bros.
MARION—Marion Machine Foundry & Supply Co.
Rutenber Motor Co.
MICHIGAN CITY—Haskell & Barker Car Co.
MUNCIE—Machsts. Foundry Co.
RICHMOND—Standard Pattern & Mfg. Co.
SOUTH BEND—Fulton Harwood Brass Foundry Co.
TERRE HAUTE—Prox & Burget Co.
Terre Haute Bronze & Brass Foundry

IOWA.

CEDAR RAPIDS—Dearborn Brass Co.
Iowa Steel & Iron Works
DAVENPORT — Davenport Locomotive Works
Davenport Machine & Fdry. Co.
DES MOINES—Hawkeye Machine & Brass Works
KEOKUK—Keokuk Hydraulic Tire Setter Co.
NEWTON—Parsons G. W. Co.

KANSAS.

IOLA—United Iron Works Co.
TOPEKA—Topeka Foundry & Mfg. Co.
Western Foundry & Machine Works
WICHITA—Western Iron & Foundry Co.

KENTUCKY.

ASHLAND—Ashland Iron & Mining Co.
LEXINGTON—Lexington Engine & Boiler Works
LOUISVILLE—Ahrens & Ott Mfg. Co.
Henzmann & Richard
Moran Flexible Steam Joint Co.
Stege E. A. Mfg. Co.
Vogt Brothers Mfg. Co.
See adv index at end of book
Vogt Henry Machine Co.
LUDLOW—Carran Richard B. & Sons Co.

LOUISIANA.

NEW ORLEANS—Dibert, Bancroft & Ross Co., Ltd., Tulane & Hagan av
Koretke F. H. Brass & Mfg. Co. (Ltd.), 922 Magazine
Murphy John H., 643 Magazine
Swoop Julian M., 913 Girod

MAINE.

BANGOR—Union Iron Works
BATH—Bath Iron Works Ltd.
Torrey Roller Bushing Works
Watson, Frye & Co. (Railroad & Mill)
CALAIS—McCullough & Tait
CAMDEN—Knowlton Bros.
DEXTER—Fay & Scott
HALLOWELL—Fuller's Geo. Sons
MECHANIC FALLS—Penney J. W. & Sons Co.
PORTLAND—Babbitt Chas. E.
Knight Bros.
Laughlin Thos. Co.
Megquier & Jones Co.
Portland Co.
RUMFORD—Clark Foundry Co.
SO. PORTLAND — Marine Hardware & Equipment Co.

MARYLAND.

BALTIMORE—Baltimore Brass & Plating Works, 118 E Centre
Boehm Henry E & Co., 306 N Holliday
Farrell Edw. P., 1414 Philpot
Gibson & Kirk Co. (Up to 150 lbs), 217 Key Highway
Gisriel Wm & Son, Federal & Guilford av
Kugler & Shane, Woodall & Clement
Liberty Brass Works, 305 W Lombard
Limerick J. Arthur Co. (Artistic), 960 N Howard
McShane Bell Fdry. Co.
Mackin F. M. & Co., 1729 Lamont av
Maryland Brass & Metal Works, Guilford & Federal
Poole Engineering & Machine Co., Woodberry Station
Richardson Edro Brass Co., 318 N Holliday
CUMBERLAND—McKaig Merwin
HAGERSTOWN—Hagerstown Metal & Refining Co.

MASSACHUSETTS.

AMESBURY—Amesbury Brass & Foundry Co.

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Duncan Wm., 288 Meridian E. B.
Gibby Foundry Co., 96 Condor, E B
Granular Metal Co., 77 Farnum
Hamlin & Emery Brass Co., 49 Island
Livermore Homer F., Inc., 85 Pearl
Macallen Co., 16 Macallen South
McCafferty J. H. Co., 434 Harrison av
McGANN THOS. F. & SONS CO. (Art, etc), 117 Portland
See adv index at end of book

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Metal Products Co. (& Composition), 78 Portland
Rogers E., 34 Beach
Star Brass Mfg. Co., 108 E Dedham
Star Refining Co., 116 W First
Walworth Mfg. Co.
Wizard Mfg. Co., 92 Water
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Mechanics Foundry & Machine Co.
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Welch E. J. & Co.
GARDNER—Gardner General Foundry Co.
GLOUCESTER—Reed Geo. A. & Son
HAYDENVILLE—Haydenville Co.
HOLYOKE—Higgins & Co.
LAWRENCE—Fallon T. F. & Co.
Gallison F. L.
LOWELL—Pevey Fdry. Co.
Union Brass Foundry Co.
LYNN—Dempsey Jno. F. & Co.
ORANGE—Hunt Rodney Machine Co.
PEABODY—Marine Hardware Co.
SALEM—Waters A. S.
SPRINGFIELD—Emory P. P. Mfg. Co.
Engelhard Frank & Sons, 200 Franklin
Hampden Brass Co.
Harley Company
Rider-Bagg Co.
TAUNTON—Trefethen D. A.
TURNERS FALLS—Smith Foundry Co.
WALTHAM—Boston Brass Co. ("B.B."), 135 Bacon.
See adv index at end of book
WEBSTER—Prescott J. B. & Son
WOLLASTON—Hall Wm. Co. (Bronze Specification)
WORCESTER—Cahill Mfg. Co.
Reed & Prince Mfg. Co. (Small)
Washburn Shops
Worcester Brass Co.

MICHIGAN.

BATTLE CREEK—Sherman H. B. Mfg. Co.
BAY CITY—Bay City Iron Co.
Great Lakes Brass Foundry
CHARLOTTE—Hancock Mfg. Co.
CHEBOYGAN—Blake H. A. & Son (Also Iron)
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American Brass & Iron Co., Crystal & Trombly
Bryant & Berry Co., 34 W Atwater
Capital Brass Works, Chene & Franklin
Clayton & Lambert Mfg. Co. (Red & Yellow Brass), 205 Piquette av E
Detroit Brass Works, Brooklyn & Belt Line
Detroit Copper & Brass Rolling Mills
Detroit Foundry Co.
Detroit Motor Casting Co., 299 Beaufait
Detroit Ship Building Co.
Diamond Mfg. Co.
Enterprise Foundry Co., 57 Warren av E.
Essex G. B. Brass Co.
General Aluminum & Brass Mfg. Co., Blvd & St. Aubin av
Graebert & Sons, 12 Sherman
Hackett Bros., 242 Lillibridge
Ireland & Matthews Mfg. Co., 51 Iron
McRAE & ROBERTS CO. (Steam Brass Goods), 227 Campbell av
See adv index at end of book
Magnus Co.
Sherwood Brass Works, 1167 Jefferson, E
Standard Brass Works, 97 Wight
Stephens Roe Mfg. Co.
Sterling & Skinner Mfg. Co., 2672 E Grand blvd
Thiery & Kendrick Mfg. Co., 660 Franklin
GRAND HAVEN—Dake Engine Co.
GRAND RAPIDS—Grand Rapids Brass Co.
Harring, F. J. & Co.
Hartman H. J. Foundry Co.
Keeler Brass Co.
Rempis & Gallmeyer Foundry Co.
Wolverine Brass Works
HANCOCK—Portage Lake Foundry & Machine Co.
HOLLAND—Huntley Machinery Co.
JACKSON—Jackson Brass Foundry Co.
KALAMAZOO—Star Brass Works
LANSING—Gerson & Carey
Michigan Brass & Iron Works
LAPEER—McDonald Wm. Sons
MENOMINEE—Prescott Co.
MUSKEGON—Muskegon Aluminum Foundry Co.
PORT HURON—Draper Mfg. Co.
SAGINAW—Bartlett A. F. & Co.
Jackson & Church Co.
TRAVERSE CITY—Round Harry W.

MINNESOTA.

DULUTH—Duluth Brass Works Co.
MINNEAPOLIS—Commutator Co., 121 N 1st
Twentieth Century Brass Works, 514 5th av S
ST. CLOUD—St. Cloud Iron Works Co.
ST. PAUL—Northwestern Copper & Brass Works, 59 W 3rd
North Star Spinning & Mfg. Co.
South Park Foundry & Machine Co., Pioneer bldg
St. Paul Brass Foundry Co., Minnesota & Second
Union Brass & Metal Mfg. Co., Lawson & Mackubin
Western Machine Mfg. Co., 443 Rosabel
VIRGINIA—Virginia Foundry & Machine Co.

MISSISSIPPI.

LAUREL—Laurel Machine & Foundry Co.
NATCHEZ—Shaw C. P. & Co.

MISSOURI.

CLINTON—Industrial Iron Works
JOPLIN—Joplin Foundry Co.
KANSAS CITY—Central Brass Works Co.
Kansas City Wire & Iron Works, 1428 Oak
Prier Brass Mfg. Co.
Star Brass Works Co.
United Iron Wks. Co.
ST. JOSEPH—Crowther & Rogers Mfg. Co.
St. Joseph Brass & Iron Co.
ST. LOUIS—American Car & Foundry Co., Syndicate Trust bldg
American Foundry & Mfg. Co., 11th & Herbert
Gilbert A. & Sons Brass Foundry Co., 4019 Forest Park bl
Hewitt Mfg. Co.
Kraushaar Brass Mfg. Co., 919 Pine
Kupferle Bros. Mfg. Co., 600 N 2nd
Laclede Brass Works, 307 Cedar
More-Jones Brass & Metal Co., B'way & Dock
Natl. Art Bronze Wks. Co., Pope & Carrie avs
St. Louis Brass Mfg. Co., Washington & Jefferson avs
St. Louis Car Co. (Railway, etc), 8000 N B'way
SPRINGFIELD—United Iron Works Co.

MONTANA.

BUTTE—Montana Iron Works

NEBRASKA.

FREMONT—Fremont Foundry & Machine Co.
HASTINGS—Hastings Foundry & Iron Works
LINCOLN—Hedges C. E.
YORK—York Foundry & Engineering Works.

NEW HAMPSHIRE.

CONCORD—Ford & Kimball
EAST CONCORD—Badger, Franklin L.
EXETER—Exeter Brass Works
NASHUA—Highton Wm. & Sons Co.
PENACOOK—Concord Axle Co.
UNION—Hamlin E. F. Brass Co.

NEW JERSEY.

ARLINGTON—Lovell F. H. & Co.
BELLEVILLE—Eastwood Wire Mfg. Co. (¼-oz to 20,000 lbs.)
BLOOMFIELD—Jenkins Mfg. Co.
DUNELLEN—Hall Printing Press Co.
EAST NEWARK—Hewitt Jno.
EAST ORANGE—Smith A. P. Mfg. Co.
ELIZABETH—Elizabeth Machine & Iron Works
FLEMINGTON—Foran Foundry & Mfg. Co.
HOBOKEN—Elevator Supplies Co.
Fischer Sweeny Bronze Co.
Fletcher W. & A. Co.
Union Iron Works
JERSEY CITY—Brady Brass Co., 170 14th
Gothberg H. & E., 139 Cator av
Krouse Geo. (Heavy), 150 Morgan
Magnus Co., 364 9th
Murphy Wm. J., 279 10th
Schroeder Edw. Lamp Works, 716 Jersey av
Spindler & Deringer, 243 Mercer
Williams E. A. & Son, 109 Plymouth
LAMBERTVILLE—Lambertville Iron & Steel Co.
LYNDHURST—Leslie Co.
NEWARK—Bushauer P., 261 Elm
Defreville, 142 McWhorter
Goldsmith C. A., 42 Cutler
Hedges & Bro., 12 R. R. pl
Hewes & Phillips Iron Works, 8 Orange
Josts E. Sons, 48 Dickerson
Newark Brass Works, 20 Lawrence
Riley-Klotz Mfg. Co., 17 Mulberry
Schueler T. & Co., 48 19th av
Turner Machine Co., 28 Eagles
Wheaton A. W. Brass Works, 21 R. R. pl.
Zusi Edward, 80 Mechanic
Zusi Edward A., 101 Monroe
NEW BRUNSWICK—New Brunswick Iron Works
PATERSON—Asbell S. J. Co. (Small)
Finigan-Zabriskie Co. (Todd Mills, Brass & Iron Castings)
PERTH AMBOY—Schantz & Eckert (Also Iron)
SALEM—Salem Brass & Iron Mfg. Co.
TRENTON—**CROSSLEY MACHINE CO.**, State & Chestnut av
See adv index at end of book
McFarland Foundry & Machine Co.
Trenton Brass & Machine Co.
Trenton Malleable Iron Co.
Watson John & Sons Co.

NEW YORK.

ALBANY—Cox Brass Mfg. Co.
FitzGerald John L.
Gaynor P. F.
BALLSTON SPA—Davison-Namack Fdry Co.
BUFFALO—Acme Steel & Malleable Iron Works, 245 Millitary rd
Buffalo Non-Ferrous Casting & Mfg. Co., 45 Letchworth
Case W. A. & Sons Mfg. Co.
Fries & Co., 91 Main
LUMEN BEARING CO. 200 Lathrop
See adv index at end of book
Pohlmann John W., Foundry Co., 205 Baitz av
Titan Copper Products Co., 90 Arthur
Unique Brass Foundry Co., 841 Grant
Zero Valve & Brass Mfg. Co.
COHOES—Cohoes Iron Foundry & Machine Co.
Simcox Jos. H.
FREEPORT—Columbian Brass Foundry
GRASSY POINT—Wiles A. M. & W. H. Co.
HUDSON FALLS—Sandy Hill Iron & Brass Works
JAMESTOWN—Ellison Brass Mfg. Co.
Weber-Knapp Co.
LOCKPORT—McKim Foundry & Machine Co.
NEWBURGH—Coldwell-Wilcox Co.
Kimball's S. G. Son
PORT CHESTER—Mills Wm. A. Brass Co.

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NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Atlantic Basin Iron Works, Imlay & Summit
Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut
Coyne & Delany Co., 832 Kent av
Creamer W. G. & Co., Creamer, c Smith
Hamilton Robert & Sons, 56 Water
Hemsher Metal Co., 18 Rapelyea
Huethwohl Louis, 513 Flushing av
Jefferson Brass Foundry, 209 King
Paulson Thos. & Son, 97 2d av
Penn Brass & Bronze Works, 111 Dobbin
Roman Bronze Works, 275 Greene
Silver Aluminum Metal Co., 294 Taaffe pl, B'klyn, N. Y.
Staats Geo. & Co., 74 Bayard
Taylor & Co., 680 Morgan av.

Boroughs of Manhattan and Bronx.

NEW YORK—Aerial Co. of America, 26 Cortlandt
Alberger Pump & Condenser Co., 140 Cedar
Bronze Metal Co., 30 Church
Creamer W. G. & Co., 96 John
Cunningham Wm. J., 21 Park Row
DIAMOND EXPANSION BOLT CO. (Brass), 89 West
See adv index at end of book
Gallagher's Jas. Sons, 87 Centre
Gerdes & Co., 42 Church
See adv index at end of book
GORHAM CO. ARCH'L BRONZE ("Gorham" Special Patent), 5th av & 36th. Works: Providence, R. I. *See adv index at end of book*
Griscom-Russell Co., 92 West
See adv index at end of book
Guerin P. E., Inc., 21 Jane
Harper Thos., 204 Lafayette
Henry-Bonnard Bronze Co. (also Bronze & Iron), 20 Exchange pl.
Jackson W. H. Co., 2 W 47th
KNAPP ARTHUR ENGINEERING CORP., 30 Church
See adv index at end of book
Levett Walker M. Co., 417 E 23d
McCauley Frank, 502 W 25th
Magnus Locomotive Co., 111 B'way
Manhattan Brass Co., 332 E 28th

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Scholl Adam, 225 E 138th
S. E. T. Valve & Hydrant Co., 50 Church. *See adv index at end of book*
Tuttle & Bailey Mfg. Co., 52 Vanderbilt av
Wilfert John Co. (Bronze), 258 B'way
Williams Jno., Inc., 556 W 27th

Borough of Queens.

ASTORIA—Federal Brass & Bronze Co., Ridge
LONG ISLAND CITY—McGee Jos. Iron & Brass Foundry Co., 51 6th
Russell Foundry & Machine Works, 51 6th
MASPETH—Queensborough Brass & Bronze Foundry, 184 Broadway
Richey, Browne & Donald, Flushing av

(End of New York City)

NIAGARA FALLS—Dobbie Fdry. & Machine Co.
Titanium Bronze Co.
NORTH TONAWANDA — Herschell-Spillman Co.
ROCHESTER—Atkinson Co. (1000 to 5000 lbs.)
General Railway Signal Co.
National Brass Mfg. Co. (Large or Small)
N. W. Foundries, Inc.
Nunn Brass Works
Wray Henry & Son
ROME—Doyle Wm. J.
SALAMANCA — Salamanca Engine-Iron Co.
SARATOGA SPRINGS—Baker Mfg. Corp.
SYRACUSE—Caldwell E. R. & Son Brass Co.
Caldwell & Ward Brass Co. (Brass)
Kratz Peter A.
McVey Hugh
Oberdorfer M. L. Brass Co., 810 E Water
Onondaga Brass Co.
Phelps Elmer E.
Senk Jno. & W.
Standard Brass & Aluminum Foundry Co.
Walker Bros. Co.
TONAWANDA—Gillie Machine Co.
TROY—Geier & Bluhm
Wheeler Bros. Brass Foundry
UTICA—Merriam F. M.
Iroquois Foundries, Inc., 474 Genesee
Utica Brass Works

NORTH CAROLINA.

NEWBERN—Newbern Iron Works & Supply Co.
RALEIGH—Raleigh Iron Works Co.
WILMINGTON—Wilmington Iron Works

OHIO.

AKRON—Akron Foundry Co.
Star Drilling Machine Co.
ALLIANCE—Alliance Brass & Bronze Co.
Morgan Engineering Co., Alliance, O.
See adv index at end of book
BOWLING GREEN — Universal Machine Co.
BUCYRUS—Ryder Brass Foundry Co.
CANTON—Best Light Co., 477 Second N E
Canton Brass Fdry. Co.
Elbel Co.
Frankham Wm. Brass & Bronze Co.
CINCINNATI—Cincinnati Mfg. Co.
See adv index at end of book
Deckebach F. C. Sons Co., 123 W Court
Edna Brass Mfg. Co. (Light & Heavy),
Electric Railway Equipment Co.
Eureka Brass Works, 1040 Hulbert av
Fewlass-Leen Brass & Iron Co., 610 E Front
Hoppe Chas. Co., 121 Opera pl
Kirkup Robt. & Co., 616 Lodge
LUNKENHEIMER CO. Executive Office & Factories: Beekman & Waverly
McGowan Jno. H. Co., 52 Central av
National Brass Mfg. Co.
Newman Mfg. Co., 717 Sycamore
See adv index at end of book
Nichol Thos. J. & Co., Pearl & Ludlow
Ohio Pattern Works (Ornamental), 2730 Spring av
Powell Wm. Co. (Bronze Only)
Queen City Brass & Iron Works
Richter & Co., 210 E 9th
Triumph Electric Co., Oakley
See adv index at end of book
Van Dusen E. W. Co., 428 E 2d
CLEVELAND—Aetna Brass Mfg. Co., 1631 E 55th
Aluminum Castings Co. (Lynux)
Buckeye Brass & Mfg. Co., 1807 Columbus rd
City Brass Foundry Co., 5318 St. Clair av
Cleveland Brass Works
Cochrane J. A. Brass Mfg. Co., 1403 E 40th
Farnan Brass Works Co. (Plumbers' Specialties), 1105 Centre
Glauber Brass Mfg. Co., 49th & Superior av N E
Hoffman Bronze & Aluminum Castings Co., 1000 Addison rd
Ideal Bronze Co., 1265 E 55th
K. & M. Casting Co., 10611 Quincy av
Monarch Brass Co.
National Bronze & Aluminum Foundry Co., 2539 E 79th
Standard Brass Foundry Co., 990 E 67th
Triumph Electric Co., Wade bldg
See adv index at end of book
TYLER W. S. CO. (Bronze), Cleveland, O.
See adv index at end of book
United Brass Mfg. Co., 3844 Hamilton av
Wellman Bronze Co. (Medium & Heavy), 6017 Superior av
COLUMBUS—Atlas Brass Foundry Co., 980 Park S
Columbus Brass Co., 538 Dublin av
See adv index at end of book
Ohio Pump & Brass Co.
CUYAHOGA FALLS—
DAYTON—Buckeye Iron & Brass Works (Special)
Dayton Mfg. Co.
Dennick Wm. & Co.
Hoban Brass Foundry Co.
Miami Brass Foundry Co.
FOSTORIA—"S-C" Regulator Mfg. Co.
See adv index at end of book
GALION—Galion Brass & Bronze Fdry. Co.
GENEVA—Champion Hdwe. Co. (Small)
HAMILTON—Hamilton Copper & Brass Works
LIMA—Chalmers Mfg. Co.
Lima Metal Fndry. Co.
LORAIN—Lorain Casting Co.
MT. VERNON—Cooper C. & G. Co.
MANSFIELD—Buckeye Tempered Copper & Brass Co.
Superior Brass Mfg. Co.
MARIETTA—Pattin Bros. Co.
MASSILLON—Griscom-Russell Co.
See adv index at end of book
MINERVA—Minerva Hardware Mfg. Co.
NEWCOMERSTOWN — Sterling Specialty Co.
NEW PHILADELPHIA—Rath Aluminum & Brass Co.
NORWALK—Norwalk Foundry Co.
RIPLEY—Ripley Foundry & Machine Co.
SANDUSKY—Klotz Machine Co.
Sandusky Fdry & Machine Co.
SPRINGFIELD—Nolte Brass Co.
Springfield Brass Co.
TOLEDO—Bunting Brass & Bronze Co., 738 Spencer
See adv index at end of book
Duncan Forge Co.
Seeger Valentine
Toledo Brass & Novelty Works
Toledo Ship Building Co.
WELLINGTON — Sterling Machine & Stamping Co.
YOUNGSTOWN—Falcon Bronze Co.
United Engineering & Foundry Co. (All Weights)
ZANESVILLE—Dockray H. V., Brass & Iron Co.
Griffith & Wedge Co.

OREGON.

ALBANY—Albany Iron Works
PORTLAND—Oregon Brass Works
Willamette Iron & Steel Works
Wood John Iron Works

PENNSYLVANIA.

ALLENTOWN—Spangler Chas.
Vulcan Brass Works
BERWYN—American Bronze Co. ("Non Gran")
BLOOMSBURG—Harman & Hassert
BRADFORD—Bradford Motor Works
CATASAUQUA—Hercules Metal Works
CHERRY TREE—Cherry Tree Machine Co.
CHESTER—Crown Smelting Co.
COLUMBIA—Colonial Foundry & Machine Co.
CONNELLSVILLE—Boyts Porter & Co.
Connellsville Machine & Car Supply Co.
CONSHOHOCKEN—Bate Wm. T. & Son
CORRY—Love Mfg. Co.
DANVILLE—Danville Foundry & Machine Co. (Up to 2,000 lbs)
DUBOIS—Dubois Iron Works
Osborn Machine Co.
ERIE—Campbell J. B. Brass Works
Erie Specialty Co., 250 W 12th
Germann Bronze Co.
Hays Mfg. Co.
Jarecki Mfg. Co.
Keystone Brass Works
Watson N. A.
FRANKLIN—Hough Chas. N. Mfg. Co.
GREENSBURG—Hempfield Foundry
Kelly & Jones Co.
HARRISBURG—Hickok W. O. Mfg. Co.
HOMESTEAD—Homestead Valve Mfg. Co.
JOHNSTOWN—Flood City Mfg. Co.
Suppes Forge & Foundry Co.
LANCASTER—Fraim E. T. Lock Co.
See adv index at end of book
Hubley Mfg. Co.
Miller J. Walter Co.

PENNSYLVANIA—continued
LANSDALE—Heebner & Sons (Brass)
LEBANON—**LEBANON GEAR & MACHINE WORKS,** 17th & Forge
See adv index at end of book
MARIETTA—Marietta Casting Co.
MOUNT CARMEL—Mount Carmel Iron Works
LEETSDALE—Leetsdale Fdry. & Mfg. Co.
NAZARETH—Nazareth Foundry & Machine Co.
NEW BRIGHTON—Keystone Bronze Co.
NEW CASTLE—Johnson Bronze Co.
NORTH EAST—Electric Materials Co.
Eureka Co.
NORTH WALES—North Wales Machine Co.
PHILADELPHIA—Ajax Metal Co., 46 Richmond
AMERICAN MANGANESE BRONZE CO. ("Spare's" "Hy-Ten-Sl"), 3501 Rhawn
Belfield H. Co., 435 N Broad
Biddle Gaumer Co., 3846 Lancaster av
Bridgman Bros. Co., 26 Washington av
Bureau Bros., 23d & Westmoreland
Caskey Wm. & Son, York & Richmond
Cohocksink Brass Foundry, 5th & Berks
Cramp Wm. & Sons Ship & Engine Building Co., Beach c Ball
Devlin Thos. Mfg. Co., 3d & Lehigh av
Evans S. W. & Son, 4623 Paul
Eynon-Evans Mfg. Co. (Up to 10,000 lbs), Clearfield & N 15th
Griffiths Jas. A., 1315 Buttonwood
Halstead & Co. (Founders & Finishers), 1129 Cherry
Hartman Co., 1231 N Front
Homer Brass Works, 231 Race
Kirn M. L. & Bro., 2135 N Lawrence
Lonergan J. E. Co., 211 Race
McHatton Foundry Co., 1500 Washington av
Morris I. P. Co., Beach & Ball
Mousley's Chas. Sons, 457 N 12th
Nelson Valve Co., Harrison bldg
North American Smelting Co., Thompson & N 9th
Ott Geo. F. Co., 213 Buttonwood
Petry N. A. Co., 1309 Race
Philadelphia Hardware & Malleable Iron Works, 9th & Jefferson
Phosphor-Bronze Smelting Co., 2200 Wash'n av
Reeves Paul S. & Co. (Red & Yellow Brass, etc), 1415 Catharine
Rosenthal's Jos. Sons, 190 W. Berks
Savill's Thos. & Sons, 1310 Wallace
Schoen-Jackson Co., Finance bldg
Schoenewald Robt.
Sheeler-Hemsher Co., 811 Fairmount av
Talmage Thomas, 1123 Appletree
Wright Mfg. Co., 133 Master
PITTSBURGH—Bronzbraswyt Metals Co., First Nat'l Bank bldg
Cadman A. W. Mfg. Co., 2816 Smallman
Chaplin-Fulton Mfg. Co., 34 Penn av
DAMASCUS BRONZE CO. ("Damascus," for Rolling Mills, Railroads & Electric Railways), North Side
See adv index at end of book
Kelly & Jones Co., 135 Water
Kennedy-Stroh Corp'n
Keystone Bronze Co. (High Grade)
Lawrenceville Bronze Co., Bessemer bldg, Pittsburgh, Pa.
Mackintosh-Hemphill & Co. (Rolling Mill, etc)
Mesta Machine Co.
See adv index at end of book
Newlands Bros., 28th & A V Ry
Pittsburgh Brass Mfg. Co.
Pittsburg Lamp, Brass & Glass Co., 130 7th
Pittsburgh Piping & Equipment Co., 35th & Charlotte
Pittsburgh Valve, Foundry & Construction Co., 26th & A V RR
Vanadium Metals Co., Vanadium bldg
PITTSTON—Exeter Machine Wks. (Rough or Finished)
POTTSTOWN—Light Mfg. & Foundry Co. ("Automobile")
READING—Crescent Brass Mfg. Co.
Dick Bros.
Excelsior Brass Works (Dry & Green Sands)
Kline & Co.
Reading Brass Works
SAYRE—Sayre Stamping Co. (High Grade)
SCOTTDALE—Scottdale Machine & Mfg. Co.
SCRANTON—American Safety Lamp & Mine Supply Co.
Everhart Brass Works
Finch Mfg. Co.
Hughes Bros.
McClave-Brooks Co., Poplar
Scranton Pump Co.
SOUTH BETHLEHEM—Bethlehem Steel Co.
SWISSVALE—Union Switch & Signal Co.
WAYNESBORO—Waynesboro Foundry & Machine Co.
WILKES-BARRE—Vulcan Iron Works
WILLIAMSPORT—Darling Pump & Mfg. Co. (Ltd.)
United States Machine Co.
Valley Iron Works (Also Iron)

RHODE ISLAND.

CENTRAL FALLS—Newell Fred. E.
PAWTUCKET—Jenkinson John
PROVIDENCE—Allen Fire Dept. Supply Co., 159 Aborn
Feeley W. J. Co., 169 S Angell
Fuller Iron Works, 40 Tockwotten
IDEAL-DIE CASTING CO., 756 Eddy
Lyon J. W., 46 Clifford
Providence Brass & Aluminum Foundry, 460 Eddy
White-Stillman Foundry Co., 1 Bark
WOONSOCKET—Woonsocket Machine & Press Co.

SOUTH CAROLINA.

CHARLESTON—Valk & Murdoch Co.
GREENVILLE—Greenville Iron Works

TENNESSEE.

CHATTANOOGA—Acheson Foundry & Machine Works
Columbian Iron Works
Gustafson Mfg. Co.
Price-Evans Foundry Co.
Sharp J. C. Brass Works
CLARKSVILLE—Clarksville Foundry & Machine Works
KNOXVILLE—Fair Foundry Co.
Knoxville Foundry & Machine Co.
MEMPHIS—Chickasaw Machine & Foundry Co.
NASHVILLE—Lawrence J. H. & Sons
Nashville Machine Co.

TEXAS.

BEAUMONT—Beaumont Iron Works Co.
DALLAS—Dallas Brass Mfg. Co.
Mosher Mfg. Co.
DENISON—Knaur & Howe (Also Iron)
Knaur W. E.
FORT WORTH—Midland Brass Works
GALVESTON—Walsh & Cleary (Also Iron)
HOUSTON—Dickson Car Wheel Co.
Southern Brass Mfg. & Plating Co.
MARSHALL—Marshall Car Wheel & Foundry Co.

UTAH.

SALT LAKE CITY—Salt Lake Engineering Works

VERMONT.

POULTNEY—Ruggles Machine Co.
SPRINGFIELD—Springfield Brass Co.

VIRGINIA.

COVINGTON—Covington Machine Co.
HAMPTON—Hampton Mfg. Co.
LYNCHBURG—Hubard Fdry. & Machine Works
NORFOLK—Edmonds W. A. & Co.
Ridgewell & Hall
RICHMOND—Carr Jas. W.
McGee O. G. & Son
Richmond Fdry. & Mfg. Co. (Light)
Strickland Machine Co., 2330 E Main
Tredegar Co. (Brass)
ROANOKE—Roanoke Iron Works
WYTHEVILLE—Wytheville Iron Works ("Wi Wi")

WASHINGTON.

SEATTLE—Art Hardware & Mfg. Co.
Eagle Brass Foundry
Enterprise Brass Foundry
Seattle Brass Co.
Seattle Cons. & Dry Dock Co.
SPOKANE—National Iron Works
Pacific Iron Works
Union Iron Works
TACOMA—Griffin Wheel Co. (Also Iron)
Puget Sound Iron & Steel Works

WEST VIRGINIA.

MORGANTOWN—Chrisman Foundry Co.
PARKERSBURG—Valley Machine Co.
POINT PLEASANT—Heslop J. W. C.
WHEELING—Wheeling Bronze Casting Co.

WISCONSIN.

ALGOMA—Wodsedalak Jos.
APPLETON—Valley Iron Works Co.
BELOIT—Lipman Mfg. Co.
BURLINGTON—Burlington Brass Wks. (Brass Founders & Finishers)
CEDAR GROVE—Wisconsin Foundry & Steel Works
KENOSHA—Badger Brass Mfg. Co.
Frost Mfg. Co.
LA CROSSE—Franklin Iron Works (Also Iron)
MERRILL—Merrill Iron Works
MILWAUKEE—American Brass Foundry Co.
Claus Automatic Gas Cock Co.
Colnik C. Mfg. Co., 750 Greenbush
Magnus Co., Inc. (Up to 2000 lbs), 241 Foundry Co.
Hoffman B. Mfg. Co., 257 6th
Kagel Bros. 1208 St. Paul av
Kruecke Bros. Mfg. Co., 515 Park
Lamp & Miller Mfg. Co., 382 4th
Loeffelholz Co., 170 Clinton
Milwaukee Aluminum & Brass Foundry Co, 295 Reed
Milwaukee Brass Mfg. Co., 251 Lapham
Milwaukee Bronze Casting Co., 119 Clinton
Milwaukee Valve Co., 139 Burrell
Rundle-Spence Mfg. Co., 63 2d
Standard Brass & Iron Works, 1820 St. Paul av
NEENAH—Neenah Brass Works
OSHKOSH—Wisconsin Iron & Metal Co.
RACINE—Racine Aluminum & Brass Foundry Co.
Racine Brass & Iron Co.
SHEBOYGAN—Jenkins Machine Co.
TOMAHAWK—Tomahawk Steel & Iron Works
WATERTOWN—Brandt-Dent Co.

2152— Castings (Bridge)

Atlas Steel Casting Co. (Steel), Buffalo, N. Y.
Bonney-Floyd Co. (Open-Hearth, Converter & Crucible Steel), Columbus, O.
Builders' Iron Foundry (For Caissons, etc), 9 Codding, Providence, R. I.
Chester Steel Castings Co., Chester, Pa.
Cureton Wm. & Sons (Grey Iron), Lexington, Richland Co., O.
Minneapolis Crucible Steel Co., 38th av, N E & 5th, Minneapolis, Minn.
Morgan Engineering Co., Alliance, O.
See adv index at end of book
Nunning Frank & Son, 215 W 2d, Cincinnati, O.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
Southern Wheel Co. (Grey Iron), Railway Exchange bldg, St. Louis, Mo.
Strong Steel Foundry Co. (Steel), Buffalo, N. Y.
Union Steel Casting Co., Pittsburgh, Pa.
Warren Steel Casting Co. (Steel), 4700 Fyler av, St. Louis, Mo.
Western Steel Car & Foundry Co., 37 W. Van Buren, Chicago, Ill.
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.

Castings (Builders')

See firms marked with a Star (*) in Iron, Architectural & Ornamental; also Machinists & Founders

2152a— *Castings (Car)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

2153—Castings (Carbon Steel)

Atlas Steel Casting Co. (Steel), Buffalo, N. Y.
Chain Belt Co., Milwaukee, Wis.
Jewell Steel & Malleable Co., Buffalo, N. Y.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
Malleable Iron Fittings Co., Branford, Conn.
Parsons G. W. Co., Newton, Ia.
St. Louis Steel Foundry, Hamburger & Kienlen av, St. Louis, Mo.
Strong Steel Foundry Co., Buffalo, N. Y.
Union Steel Casting Co., Pittsburgh, Pa.
Warren Steel Casting Co. (Crucible), 4700 Fyler av, St. Louis, Mo.
WHARTON WM. JR. & CO., INC., Easton, Pa.

2153a— *Castings (Caustic)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

2153b—*Castings (Cement Mill)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

2154—Castings (Charcoal Iron)

Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Cureton Wm. & Sons, Lexington, Richland Co., O.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
National Roll & Foundry Co., Avonmore, Pa.
Philadelphia Roll & Machine Co., 25th & Washington av, Phila., Pa.
Southern Wheel Co., Railway Exchange bldg, St. Louis, Mo.
Spuck Iron & Foundry Co., 14th & Branch, St. Louis, Mo.
Standard Foundry Co., Buffalo, N. Y.
Taylor-Wilson Mfg. Co. (Gun Iron), McKees Rocks, Pa.
Youngstown Foundry & Machine Co., Youngstown, O.

2155—Castings (Chemical Works)

Bayonne Casting Co., Bayonne, N. J.
Bethlehem Foundry & Machine Co., South Bethlehem, Pa.
Brunner Foundry & Mfg. Co., Peru, Ill.
BUFFALO FOUNDRY & MACHINE CO., (Up to 200 Tons)
65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Clark J. Alfred, 35th & Gray's Ferry rd, Phila., Pa.
Cureton Wm. & Sons, Lexington, Richland Co., O.
Duriron Castings Co. ("Duriron" acid), Dayton, O.
Eastwood Wire Mfg. Co., Belleville, N. J.
Farrar & Trefts, Inc., Buffalo, N. Y.
Ferguson & Lange Foundry Co., Clybourne av & Willow, Chicago, Ill.
Fuller-Lehigh Co., Fullerton, Pa.
Hunsicker Engineering Co., Lebanon, Pa.
Marshall Foundry Co., Pittsburgh, Pa.
Metals Production Equipment Co., Springfield, O.
Moore Bros. Co. (High Grade), Elizabeth, N. J.
Philadelphia Roll & Machine Co., 25th & Washington av, Phila., Pa.
Stuart & Peterson Co., Burlington, N. J.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
Titanium Bronze Co., Inc., Niagara Falls, N. Y.
U. S. Cast Iron Pipe & Foundry Co., Burlington, N. J.

The Townsend Foundry and Machine Shop Co.
Broadway & Rensselaer, Albany, N. Y.
We make a specialty of
CHEMICAL
and other CASTINGS

TOWNSEND FOUNDRY & MACHINE SHOP CO., Broadway & Rensselaer, Albany, N. Y.
See adv index at end of book
WHEELER CONDENSER & ENGINEERING CO., Carteret, N. J.
See adv index at end of book
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

2156— Castings (Chilled)

Chain Belt Co., Milwaukee, Wis.
Cureton Wm. & Sons, Lexington, Richland Co., O.
Farrel Foundry & Machine Co. (Iron), Ansonia, Conn.
Fuller-Lehigh Co., Fullerton, Pa.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Green's Car Wheel Mfg. Co., 3018 N B'way, St. Louis, Mo.
Grote F. Mfg. Co., Evansville, Ind.
Iowa Steel & Iron Works, Cedar Rapids, Iowa
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
Lobdell Car Wheel Co. (Iron, Any Weight), G nr Christiana, Wilmington, Del.
Marion Machine, Foundry & Supply Co., Marion, Ind.
Morgan Engineering Co., Alliance, O.
See adv index at end of book
New York Car Wheel Co., Buffalo, N. Y.
Pressed Steel Car Co. (Iron), 307 5th av, Pittsburgh, Pa.
Russel Wheel & Foundry Co. (Iron), Detroit, Mich.
Standard Foundry Co., Buffalo, N. Y.
Stearns-Roger Mfg. Co., Denver, Col.
United Iron Works Co., Kansas City, Mo.
Western Steel Car & Foundry Co. (Iron), 37 W Van Buren, Chicago, Ill.

2157— *Castings (Chilled Iron)

Philadelphia Roll & Machine Co., 25th & Washington av, Phila., Pa.

2158—Castings (Chrome Steel)

American Steel Foundries, McCormick bldg, Chicago, Ill.
Chrome Steel Works (Crucible & Open Hearth), Chrome, N. J.
Crucible Steel Casting Co., Lansdowne, Pa.
Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book
Sivyer Steel Castings Co., Milwaukee, Wis.
Warren Steel Casting Co. (Crucible), 4700 Fyler av, St. Louis, Mo.

2159— *Castings (Compressor)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

When writing to firms listed in this book please, mention HENDRICKS' COMMERCIAL REGISTER

2159a— Castings (Condenser)

KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa.
See adv index at end of book

2160—*Castings (Converter Steel)

See also Castings, Steel
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila, Pa.
See adv index at end of book
Wharton Wm. Jr., & Co., Inc., Easton, Pa.

2161— Castings (Copper)

Acme Brass Foundry Co., Los Angeles, Cal.
Ajax Metal Co., 46 Richmond, Philadelphia, Pa.
American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Anderson Albert & J. M. Mfg. Co. (High Electric Conductivity), 289 A, Boston, Mass.
Atkinson Co., Rochester, N. Y.
Atlanta Mfg. & Supply Co., Atlanta, Ga.
Belfield H. Co., 435 N Broad, Phila., Pa.
Boston Foundry Co., 210 Border, Boston, Mass.
Buckeye Brass & Mfg. Co., 1807 Columbus rd, Cleveland, O.
Connellsville Machine & Car Supply Co., Connellsville, Pa.
Cooper C. & G. Co., Mt. Vernon, O.
Crown Smelting Co., Chester, Pa.
Crowther & Rogers Mfg. Co., St. Joseph, Mo.
Denver Brass Works Co., Denver, Col.
Dobbie Foundry & Machine Co. Main Office & Works: Niagara Falls, N. Y.
Eastwood Wire Mfg. Co., Belleville, N. J.
Edwardsville Brass Co., Edwardsville, Ill.
Electric Materials Co., North East, Pa.
Eureka Co., North East, Pa.
Eynon-Evans Mfg. Co., N 15th & Clearfield, Phila., Pa.
Gerdes & Co., 42 Church, New York.
See adv index at end of book
Germann Bronze Co., Erie, Pa.
Gilb V. & Son, Birmingham, Ala.
Gilbert A. & Sons Brass Foundry Co., 4019 Forest Park blvd, St. Louis, Mo.
Great Lakes Brass Foundry (Solid), Bay City, Mich.
Hampden Brass Co., Springfield, Mass.
Harley Co., Springfield, Mass.
Hoffman Bronze & Aluminum Castings Co., 1000 Addison rd, Cleveland, O.
Ideal-Die Casting Co., 756 Eddy, Providence, R. I.
Jefferson Brass Foundry, 209 King, Brooklyn, N. Y.
Jenkins Mfg. Co., Bloomfield, N. J.
Keystone Bronze Co. (High Grade), Pittsburgh, Pa., & Hobart bldg., San Francisco, Cal.
Knoxville Foundry & Machine Co., Knoxville, Tenn.
Lawrenceville Bronze Co. (Railroad, Machinery, etc), Pittsburgh, Pa.
Liberty Brass Works, 303 W Lombard, Baltimore, Md.
Long Bros., Kokomo, Ind.
LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y.
See adv index at end of book
LUNKENHEIMER CO. Executive offices and Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McKim Foundry & Machine Co., Lockport, N. Y.
Marion Machine, Foundry & Supply Co., Marion, Ind.
Midland Brass Works, Ft Worth, Tex.
More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.
Nazareth Foundry & Machine Co., Nazareth, Pa.
Penn Brass & Bronze Works, 111 Dobbin, Brooklyn, N. Y.
Pevey Foundry Co., Lowell, Mass.
Pittsburgh Brass Mfg. Co., Pittsburgh, Pa.
Prier Brass Mfg. Co., Kansas City, Mo.
Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.
Richardson Edro Brass Co., 318 N Holliday, Baltimore, Md.
Sheeler-Hemsher Co., 811 Fairmount av, Phila., Pa.
Smith-Harwood Co. (For Blast Furnaces, etc), 2401 W 22d, Chicago, Ill.

CASTINGS (COPPER)—continued

Stanley Bronze Co., Bridgeport, Conn.
Titanium Bronze Co., Inc., Niagara Falls, N. Y.
Toledo Brass & Novelty Works, Toledo, O.
Turner & Seymour Mfg. Co., Torrington, Conn.
Union Brass Foundry Co., Lowell, Mass.
Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.
Ward & Williams, Hancock, Mich.
Williams E. A. & Son, 109 Plymouth, Jersey City, N. J.

Castings (Crucible Steel)

See firms in Castings, Steel, with the word Crucible following their names

2162— Castings (Die Cast)

Acme Die Casting Corp., 87 35th, Brooklyn, N. Y.
Acme Mfg. Co., 355 Howard, Detroit, Mich.
Alemite Metals Co., 341 W. Chicago av, Chicago, Ill.
American Castings Co., 30 Main, Brooklyn, N. Y.
American Die Casting Co., Indianapolis, Ind.
American Die Casting Co. of N. Y., 381 Kent av, Brooklyn, N. Y.
Am Tool & Mfg Co., Urbana, O.
Berkeley Fourniss Co., Madison, Wis.
Cureton Wm. & Sons, Lexington, Richland Co., O.
Doehler Die Casting Co. (Die Casting & Die Cast Babbitt Bearings), Huntington, Brooklyn, N. Y.
FRANKLIN MFG. CO., Magnolia, Syracuse, N. Y.
Germann Bronze Co., Erie, Pa.
Hoyt Metal Co., Boatmen's Bank bldg, St. Louis, Mo.
IDEAL-DIE CASTING CO., 756 Eddy, Providence, R. I.
Legler-Eilerman Co., Dayton, O.
Light Mfg. & Foundry Co., Pottstown, Pa.
Lough Bros., 25 Elm, New York
LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y.
See adv index at end of book
MacDonald Hay Co., Syracuse, N. Y.

Milwaukee Die Casting Company
MAKERS OF
Die Castings, Die Cast Bearings
AND
Bronze Shell Babbitt Lined Bearings
297 4th St., Milwaukee, Wis.

Moberg C. J., Mt. Vernon, N. Y.
Mogul Metal Co., Detroit, Mich.
Muzzy-Lyon Co., Ltd., 161 Larned W, Detroit, Mich.
National Lead Co., 111 B'way, New York
Parker White Metal & Machine Co., Erie, Pa.
Phoenix Die Casting Co., 21 Illinois, Buffalo, N. Y.
Precision Casting Co., Fayetteville, N. Y.
Spacke F. W. Machine Co., Indianapolis, Ind.
Stewart Mfg. Co. (Vacuum Process), 323 Wells, Chicago, Ill.
Stroh Die Moulded Casting Co., 161 Michigan, Milwaukee, Wis.
Syracuse Die Moulded Casting Co., Syracuse, N. Y.
Titanium Bronze Co., Inc., Niagara Falls, N. Y.
United Lead Co., 111 B'way, New York
Van Wagner E. B. Mfg. Co., Fayetteville, N. Y.
Wing T. J. & Co. (Journal Bearing & Hard Metal), 19 Woodward av, Detroit, Mich.

2162a—*Castings (Digester, Dryer & Tank)

KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa.
See adv index at end of book

2163—Castings (Dredge, Steam Shovel, Etc.)

American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
Atlas Steel Casting Co. (Steel), Buffalo, N. Y.
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Bonney-Floyd Co. (Manganese & Various Carbon & Alloy Steels), Columbus, O.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Cureton Wm. & Sons, Lexington, Richland Co., O.
Detroit Steel Casting Co. (Steel), Detroit, Mich.
ELLICOTT MACHINE CORP., Bush & Severn, Baltimore, Md.
See adv index at end of book
Midvale Steel & Ordnance Co., Windener bldg, Philadelphia, Pa.
Morgan Engineering Co. (Steel), Alliance, O. *See adv index at end of book*
Parsons G. W. Co., Newton, Ia.
Strong Steel Foundry Co. (Steel), Buffalo, N. Y.
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.
Union Steel Casting Co., Pittsburgh, Pa.
United Iron Works Co., Kansas City, Mo.
Warren Steel Casting Co., 4700 Fyler av, St. Louis, Mo.
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.

2163a—Castings (Electric Steel)

American Steel Foundries, McCormick bldg., Chicago, Ill.
Bayonne Steel Castings Co., Bayonne, N. J.
Dayton Steel Foundry Co., Dayton, O.
Electric Steel Co. of Ind., Indianapolis, Ind.
Enterprise Fdy Co., 65 Market, San Francisco, Cal.
French Creek Fdry. Co., Franklin, Pa.
National Malleable Castings Co., 7706 Platt, S E Cleveland, O.
Pelton Steel Co., Chicago rd & Ellicott pl, Milwaukee, Wis.
Racine Steel Castings Co., Racine, Wis.
Treadwell Engineering Co., Easton, Pa.
West Steel Castings Co., 805 E 70th, Cleveland, O.

2164— *Castings (Electrical)

Blackwood Steel Foundry Co., Springfield, O.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

2165— Castings (Evaporator)

Cureton Wm. & Sons, Lexington, Richland Co., O.
Devine J. P. Co., Buffalo, N. Y.
Gowanda Agricultural Works ("Gowanda," for Maple Sugar, Complete Sets), Gowanda, N. Y.

2165a— *Castings (Finished)

Philadelphia Roll & Machine Co., 25th & Washington av, Phila., Pa.

2166—*Castings (Gas Engine)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Enterprise Fdy Co., 65 Market, San Francisco, Cal.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Castings (Gas & Water)

See Cast Iron Pipe Manufacturers, Gas & Water; also Gas Works Apparatus & Construction

2167—Castings (German Silver)

Brown Bros., Stamford, Conn.
Ideal-Die Casting Co., 756 Eddy, Providence, R. I.
Ives H. B. Co., New Haven, Conn.
Jenkins Mfg. Co., Bloomfield, N. J.
Owren Casting Co., Attleboro, Mass.
Rock Island Metal Foundry, 505 41st, Rock Island, Ill.
Scovil Mfg. Co., Waterbury, Conn.
See adv index at end of book
Trefethen D. A., Taunton, Mass.

2168—Castings (Glass Furnace)

Dixon H. L. Co., Rosalyn rd, Pittsburgh, Pa.
Patch S. B. & Sons Co., Streator, Ill.

2168a— Castings (Gold)

IDEAL-DIE CASTING CO., 756 Eddy, Providence, R. I

2169— Castings (Grey Iron)

This List is duplicated under Machinists & Founders; see also Castings, Malleable Iron

ALABAMA.

BIRMINGHAM—Beggs Pipe & Fdry. Co. (Up to 20,000 lbs)
Birmingham Fdry. Co. (Up to 6,000 lbs)
Birmingham Mach. & Fdry. Co.
Hardie-Tynes Mfg. Co. (Heavy up to 40,000 lbs)
Joubert & Goslin Mach. & Fdry. Co.
Montgomery Coal Washing & Mfg. Co. (Up to 2,500 lbs)
Schaefer Mfg. Co.
Wallwork H. Foundry Co. (Small)
HUNTSVILLE—Huntsville Foundry & Machine Co. (Up to 3,000 lbs)
MOBILE—Mobile Pulley & Machine Co.
MONTGOMERY—Hartley Boiler Works (Up to 10,000 lbs)
Janney & Co. (Up to 7,000 lbs)
NEW DECATUR—Decatur Cornice & Roofing Co.
TUSCALOOSA—Tuscaloosa Iron Works

CALIFORNIA.

CHICO—Diamond Match Co. (Engineering Dept.)
COALINGA—Bunting Iron Works
LOS ANGELES—Llewellyn Iron Works
Monarch Foundry Co.
Union Tool Co.
Washington Iron Works
RICHMOND—Santa Fe Fdry Co.
SAN DIEGO—California Iron Works
SAN FRANCISCO—Enterprise Fdy Co., 65 Market
Graham Jas. Mfg. Co., 531 Mission (Light)
STOCKTON—Stockton Iron Works
Samson Iron Works
UPLAND—Upland Foundry & Machinery Co.

COLORADO.

COLORADO SPRINGS—Hassel Iron Works Co. (Up to 5 Tons)
DENVER—Clark Foundry Co., 1327 Osage
Denver Iron Works & Foundry Co. (Up to 5 Tons)
Enz Iron Fdry. Co. (Up to 15 Tons)
Mountain Iron Works Co. (Up to 5 Tons)
Stearns-Roger Mfg. Co.
Walker Mfg. Co. (Up to 5 Tons)
LEADVILLE—Engelbach Machine Mfg. Co.
PUEBLO—Pueblo Brass & Iron Fdry
Pueblo Foundry & Machine Co. (Up to 25 Tons)

CONNECTICUT.

ANSONIA—Farrel Foundry & Machine Co.
BRIDGEPORT—Bilton Machine Tool Co., The (Machine)
Bridgeport Malleable Iron Works (Branch of Eastern Malleable Iron Co.)
Pequonnock Foundry (Light & Medium)
BRISTOL—Sessions Foundry Co. (Small & Large to Order)
DANBURY—Turner Machine Co.
DERBY—Birmingham Iron Foundry (Heavy)
GUILFORD—SPENCER'S I. S. SONS (INC.)
HARTFORD—Capitol Foundry Co.
Laragy P.
Taylor & Fenn Co.
MERIDEN—Parker Charles Co.
MIDDLETOWN—Wilcox, Crittenden & Co.
NEW BRITAIN—Malleable Iron Works
Union Mfg. Co. (Light)
NEW HAVEN—Barnum S. H.
McLagon Foundry Co. (All Weights)
Warner G. F. Mfg. Co.
NEW LONDON—Hopson & Chapin Mfg. Co. (High Grade, up to 1,000 lbs)
NORWALK—Arnold & Co.
Meeker Union Foundry Corp.

NORWICH—Vaughn Foundry Co.
ROCKY HILL—Champion Mfg. Co.
ROXBURY—Bronson Wm. & Hy
SHELTON—Meyer Fred'k C. (Small Castings a Specialty)
SOUTH NORWALK—**NORWALK IRON WORKS CO.**
See adv index at end of book
Wheeler Bros.
TORRINGTON—Turner & Seymour Mfg. Co.
WATERBURY—Manufacturers' Foundry Co. (Cylinder)
Waterbury Castings Co.
Waterbury Foundry Co. (Low & Medium Grade Castings)

DELAWARE.

EAST WILMINGTON—**HILLES & JONES CO.** (Up to 75 Tons)
See adv index at end of book
WILMINGTON—Lobdell Car Wheel Co. (All Weights), G nr Christiana
Poole J. Morton Co., ft. of Thorn

FLORIDA.

JACKSONVILLE—Florida Machine Works
Murphy Timothy Iron Works
MIAMI—Lyne C. H.
OCALO—Ocalo Iron Works
ORLANDO—South Florida Foundry & Machine Works
PALATKA—Stanton Foundry & Machinery Co.
TALLAHASSEE—Tallahassee Iron Works
TAMPA—Tampa Foundry & Machine Co.
Tampa Steam Ways Co.

GEORGIA.

ATHENS—Athens Foundry & Machine Works
ATLANTA—Atlanta Mfg. & Supply Co. (Up to 2,000 lbs)
Georgia Car & Locomotive Co. (Up to 10,000 lbs)
Southern Iron & Equipment Co. (Up to 2,000 lbs)
Spalding Foundry Co. (Up to 10,000 lbs)
Withers Foundry & Machine Works (Up to 10,000 lbs)
AUGUSTA—Georgia Iron Works
Lombard Iron Works & Supply Co.
BRUNSWICK—Parker-Hensel Engineering Co.
COLUMBUS—Columbus Iron Works (Up to 10,000 lbs)
Golden's Foundry & Machine Co.
CORDELE—Tomlin-Harris Machine Co.
MACON—Mallary & Roper Co.
NEWNAN—Cole R. D. Mfg. Co. (Up to 2,000 lbs)
ROME—Davis Foundry & Machine Works
Rome Machine & Fdry Co. (Up to 8,000 lbs)
SAVANNAH—Kehoe Iron Works (Up to 4,000)
Rourke John & Sons (Up to 6,000 lbs)
WEST POINT—West Point Iron Works
WINDER—Woodruff Machinery Mfg. Co.

ILLINOIS.

ALTON—Duncan Foundry & Machine Works (Up to 7,000 lbs)
AURORA—Aurora Foundry Co. (Machine Pulley Castings, etc)
Love Bros.
BELLEVILLE—Excelsior Foundry Co. (Up to 3,000 lbs)
Harrison Machine Works (Up to 300 lbs)
M. H. Foundry & Mfg. Co.
BELVIDERE—National Sewing Machine Co. (Up to 400 lbs)
BLOOMINGTON—American Fdry. & Furnace Co.
Ma Girl P. H. (Up to 8,000 lbs)
CAIRO—Reed Hardware & Mfg. Co.
CHAMPAIGN—Burr Co.
CHICAGO—American Building Foundry Co., 2300 S Springfield av
Bolter's A. Sons (Builders' Castings, etc), 2301 Ward
Brady Jas. A. Foundry Co. (High Grade Machinery Castings), 35th & Ashland av
Brady Jas. A. Fdry. Co., 45th and Western blvd.
Buckeye Engine Co. (of Salem, O.), Marquette bldg
Central Foundry Co., 338 N May
Champion Foundry & Machine Co. (Machine Moulded), 2435 W 14th
Dawson Brothers, 523 N Halsted
Dee Wm. E. Co., 30 N La Salle
Eddy R. M. Foundry Co. (Boiler & Machinery, Castings, Grate Bars, etc), 372 W Grand av
Ferguson & Lange Foundry Co. (1 lb to 50 tons), Clybourne av & Willow
Greenlee Foundry Co., 664 W 12th
Griscom-Russell Co.
See adv index at end of book
Illinois Malleable Iron Co., 1801 Diversey blvd
See adv index at end of book
Jones W. A. Foundry & Machine Co., 4401 W 12th
LINK-BELT CO., 39th & Stewart av
See adv index at end of book
Mason Davis & Co., 7740 S Chicago av
Milles C. H. Foundry Co. (High Grade Ornamental), 2443 W 21st pl
Monighan Machine Co. (Light & Heavy), 2032 Carroll av, Chicago, Ill.
Reder Foundry Co., 3536 S Oakley av.
Reedy Foundry Co., 4600 Iowa
Smith F. P. Wire & Iron Works (Specialty, Ornamental Building Castings), 2840-48 Clybourn av.
See adv index at end of book
Stewart-Warner Speedometer Corp., 1826 Diversey Parkway
Tarrant Foundry Co. (Light & Heavy), 373 W Grand av
Vierling Steel Works, 23d & Stewart av
Western Foundry Co. (Light Grey), 3634 S Kedzie av
Western Steel Car & Foundry Co. (Car, Locomotive & Machy.), 37 W. Van Buren
CHICAGO HEIGHTS—McDowell Fdry. Co. (Up to 10,000 lbs.)
DECATUR—Decatur Foundry Co. (Up to 3,000 lbs)
Stevens Mfg. & Foundry Co. (Up to 2,000 lbs)
Union Iron Works (Up to 10,000 lbs)
DE KALB—Haish Jacob Co.
EAST ST. LOUIS—Excelsior Tool & Machine Co. (Up to 12,000 lbs), 32d & Ridge
FRANKLIN PARK—Franklin Park Fdry. Co.
FREEPORT—Arcade Mfg. Co. (Light)
Rawleigh, W. T. (Light and Heavy)
Stover Mfg. Co. (Light)
GALENA—Galena Iron Works Corp.
Westwick John & Son
GALESBURG—Galesburg Malleable Castings Co. (Light & Medium)
HARVEY—Pettigrew Foundry Co. (1 oz. to 3½ tons)
JOLIET—Humphrey & Sons
Joliet Mfg. Co. (Small)
KANKAKEE—Beaumont Valve & Hydrant Works
Kankakee Foundry Co.
LITCHFIELD—Litchfield Fdry. & Machine Co.
MONMOUTH—Maple City Foundry & Furnace Co.
MOUNT VERNON—Mount Vernon Car Mfg. Co.
MURPHYSBORO—Southern Illinois Machine & Foundry Co.
NORTH CHICAGO—Chicago Hardware Foundry Co. (Best Light Grey)
PEKIN—Duisdieker Foundry & Mfg. Co. (Up to 7,000 lbs)
PEORIA—Peoria Foundry Co. (Small)
PERU—Brunner Foundry & Mfg. Co. (Up to 4,000 lbs)
PONTIAC—Spartan Mfg. Co.
QUINCY—Excelsior Stove & Mfg. Co.
Modern Iron Works
Quincy Casting Co.
ROCKFORD—Love M. A. Mfg. Co.
Rockford Iron Works
Rockford Mfg. Co. (1 lb up to 1,500 lbs)
ROCK ISLAND—Blake Specialty Co. (From ½ to 300 lbs)
Rock Island Mfg. Co. (Up to 2,000 lbs)
SPRINGFIELD—Fetzer & Co. (Up to 14,000 lbs)
STERLING—Novelty Iron Works (Small)
Sterling Foundry Co. (Up to 6,000 lbs)
STREATOR—Patch S. B. & Sons Co. (Up to 5,000 lbs)
URBANA—Leavitt Mfg. Co.

INDIANA.

AUBURN—Auburn Foundry
BRAZIL—Brazil Machine & Foundry Co. (Up to 3,000 lbs)
Shaw Wm. M. Co. (Small)
BEDFORD—Bedford Foundry & Machine Co.
CANNELTON—Lehman Mfg. Co.
COLUMBUS—Caldwell & Drake Iron Works (Machinery Casting a Specialty)
EAST CHICAGO—Green Engineering Co.
ELKHART—Elkhart Hardware Mfg. Co. (Small)
Elkhart Iron Works
EVANSVILLE—Grote F. Mfg. Co. (Up to 10,000 lbs)
Indiana Stove Works
FORT WAYNE—Bass Foundry & Machine Co. (Up to 60,000 lbs)
Central Foundry Co.
Menefee Foundry Co.
GOSHEN—Kelly Foundry & Machine Co. (Up to 5,000 lbs)
HAMMOND—United Boiler Heating & Foundry Co. (Up to 10,000 lbs.)
HUNTINGTON—Huntington Machine & Foundry Co. (Light & Heavy)
Majestic Co.
INDIANAPOLIS—American Foundry Co.
Byram Foundry Co.
Enterprise Iron Works
Indianapolis Foundry Co. (Light)
Inter-State Car Co.
McNamara-Koster Foundry Co.
National Malleable Castings Co.
Nordyke & Marmon Co., 1290 Kentucky av
Over Ewald
Peerless Foundry Co.
LAFAYETTE—Wallace Machine & Foundry Co.
MARION—Atlas Foundry Co.
Hulley Foundry & Machine Works (Small)
Marion Grey Iron Foundry Co. (Small)
Marion Machine, Foundry & Supply Co. (Up to 20,000 lbs.)
Rutenber Motor Co. (Light, Soft)
MICHIGAN CITY—Haskell & Barker Car Co.
MISHAWAKA—Perkins Wind Mill Co. (Small)
MUNCIE—Eagle Foundry Co. (Small)
Machsts. Foundry Co.
Muncie Foundry & Machine Co.
RICHMOND—Swayne-Robinson & Co. (Small)
Wayne Works
SOUTH BEND—Meyer Foundry & Mfg. Co.
South Bend Foundry Co.
TERRE HAUTE—Gartland Foundry Co.
WABASH—Wabash Foundry Co. (Up to 10,000 lbs.)
WARSAW—Maish Mfg. Co.

IOWA.

BOONE—Quinn Wire & Iron Works
BURLINGTON—Murray Iron Works Co. (Heavy, 60,000 lbs.)
CEDAR RAPIDS—Cedar Rapids Foundry & Machine Co. (Up to 6000 lbs.)
Iowa Steel & Iron Works
Stary Frank & Sons
COUNCIL BLUFFS—Sprague Foundry & Mfg. Co.
DAVENPORT — Davenport Locomotive Works (Up to 10,000 lbs.)
Davenport Machine & Foundry Co.
Red Jacket Mfg. Co.
DES MOINES—Gibbons Mach. & Fdry. Co.
McDonnell Boiler & Iron Works (Up to 4,000 lbs.)
DUBUQUE—Loetscher-Ryan Mfg. Co. (Light)
KEOKUK—Keokuk Hydraulic Tire Setter Co. (Up to 10,000 lbs.)
MARSHALLTOWN—Central Foundry Co.
MUSCATINE — Niver Iron Works Co. (Light & Heavy, for All Purposes)
NEWTON—Parsons G. W. Co. (Up to 6000 lbs.)
OTTUMWA—Ottumwa Iron Works
WATERLOO—Headfort Bros. & Hitchins Foundry Co.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER

KANSAS.

ATCHISON—Thayer Foundry Co.
KANSAS CITY—Armourdale Foundry Co. (Up to 12 tons)
Kansas City Foundry Co. (Small)
Strait H. N. Mfg. Co.
West Side Foundry Co.
LEAVENWORTH—Great Western Mfg. Co. (Up to 3 tons)
TOPEKA—Topeka Foundry & Mfg. Co.
Western Foundry & Machine Works
WICHITA—Moore Bros. (Up to 2 tons)
Western Iron & Foundry Co. (Up to 1 ton)

KENTUCKY.

ASHLAND—Ashland Iron & Mining Co.
LEXINGTON—Lexington Engine & Boiler Works
LOUISVILLE—**Avery B. F. & Sons (Plain or Machine)**
Dow Wire & Iron Works
Drummond Mfg. Co.
Grainger & Co.
VOGT BROTHERS MFG. CO.
See adv index at end of book

LOUISIANA.

ALEXANDRIA—Ruston Foundry & Machine Shop (Ltd.)
CROWLEY—Acadia Iron Works (Ltd.)
JEANERETTE — Moresi Antoine Co. (Ltd.)
MANSFIELD—De Sota Foundry & Machine Co. (Ltd.)
NEW ORLEANS—Dibert, Bancroft & Ross Co., Ltd., **Tulane & Hagan av**

MAINE.

AUBURN—Androscoggin Foundry Co.
BANGOR—Noyes & Nutter Mfg. Co.
Union Iron Works
BATH—Torrey Roller Bushing Works
DEXTER—Fay & Scott
HALLOWELL—Fuller's Geo. Sons
PORTLAND—Babbitt Chas. E.
Portland Co. (Up to 20 tons)
RUMFORD—Clark Foundry Co.

MARYLAND.

BALTIMORE—Bartlett Hayward Co. (All Sizes), Scott & McHenry
Bates Elevator Co., 211 President
Carr Stuart R. & Co., Boston & Montford av
ELLICOTT MACHINE CORP., Bush & Severn.
See adv index at end of book
Flynn & Emrich Co., 305 N Holliday
Greenmount Iron & Mfg. Co., 889 Greenmount av
Kennedy's P. Foundry Co. (Soft), cor So. Charles & Wells
Kugler & Shane, Woodall & Clement
Lacy Jas. J. Co., Block & Wills
Levering Bros., Wicomico & Monroe
Poole Engineering & Machine Co., Woodbury Sta.
Sexton S. B. Stove & Mfg. Co., 500 Block W. Conway
Weiskittel A. & Son Co., 12th & E Lombard
CUMBERLAND—Maryland Mould & Foundry Co.
FREDERICK—Morris Iron & Steel Co.
HAGERSTOWN—Hull's D. F. Sons

MASSACHUSETTS.

ATHOL—Athol Machine Co.
BOSTON—American Tool & Machine Co., 10 High
Gibby Foundry Co., 96 Condor, E B
Laconia Car Co., 60 Congress
Livermore H. F. Co., 85 Pearl
McGANN THOS. F. & SONS CO. (Ornamental), 117 Portland
See adv index at end of book
Metal Products Co., 78 Portland
Smith & Lovett Co., 135 Tyler
Wizard Mfg Co., 92 Water
CAMBRIDGE—Barbour Stockwell Co.
Cambridge Iron Works
CAMPELLO—N. E. Fdry. & Mach. Co.
CHICOPEE—Ames Sword Co.
Spalding A. G. & Bros. Mfg. Co.
EASTON—Belcher Malleable Iron Co.
FAIRHAVEN—Fairhaven Iron Foundry Co. (Light & Heavy)
FALL RIVER—Fall River Foundry & Machine Co.
Mechanics' Foundry & Machine Co.
FITCHBURG—Goodnow L. H. Foundry Co.
Perault Moses J.
GARDNER—Gardner General Foundry Co.
GLOUCESTER—Reed Geo. A. & Son
HOLYOKE—McHugh Fdry. Co., 90 Sargent
LAWRENCE—Emerson Mfg. Co.
Hamblet Geo. W.
Hart Foundry Co.
LOWELL—Doherty Bros.
SPRINGFIELD—Baush Machine Tool Co.
Davitt Iron Foundry
Metals Production Equipment Co. (Heavy)
Springfield Foundry Co.
Springfield Iron Works
Wason Mfg. Co.
WALTHAM—Waltham Foundry Co.
WEBSTER—Prescott J. B. & Son
WOBURN—Woburn Iron Foundry, Inc.
WORCESTER—Arcade Malleable Iron Co.
Bradley Osgood Car Co.
Pond L. W. Machine & Foundry Co.
Washburn Shops

MICHIGAN.

ADRIAN—Adrian Steel Casting Co.
DETROIT—Acme Fdry. Co. (½ to 8,000 lbs), Isabel & M. C. R. R.
Buhl Malleable Co.
Central Specialty Co., 1653 St Aubin av
Detlaff A. J. Co.
Detroit Shipbuilding Co.
Detroit Stoker Co. (Light & Heavy), North Grand blvd & Riopelle
Enterprise Foundry Co., 1257 Warren av E
Kahl Iron Foundry (Machinery), 537 Atwater E
Michigan Grey Iron Castings Co., Harbaugh & Co.
Monarch Foundry Co., Greenwood & G T
Peninsular Stove Co.
Russel Wheel & Foundry Co.
Stuart Foundry Co.
ECORSE—Ecorse Foundry & Machine Co.
FERRYSBURG—Johnston Bros.
GRAND HAVEN—Dake Engine Co. (Any Size up to 10 Tons)
GRAND RAPIDS—Hartman H. J. Fdry. Co.
Leitelt Adolph Iron Works
JACKSON—Lusk Bros. Foundry Co.
KALAMAZOO—Clarage Fan Co., North & Porter
Kalamazoo Fdry. & Machine Co.
Kalamazoo Tank & Silo Co.
Riverside Foundry & Galvanizing Co. (Galvanized)
LANSING—Bement Stove Repair Co.
Michigan Brass & Iron Works
Novo Engine Co.
MARQUETTE—Lake Shore Engine Works
PONTIAC—Wilson Fdry. & Machine Co.
SAGINAW—Bartlett A. F. & Co.
Jackson & Church Co.
ST. JOSEPH—St. Joseph Iron Works
TECUMSEH—Heesen Bros. Co.
WYANDOTTE—Detroit Valve & Fittings and Detroit Brass Co.
YPSILANTI—Michigan Press Co.

MINNESOTA.

DULUTH—**CLYDE IRON WORKS.**
See adv index at end of book
Gogebic Steam Boiler Works
Imperial Iron Works (Up to 17 tons)
National Iron Co.
MINNEAPOLIS—Crown Iron Works Co., 1229 Tyler
Diamond Iron Works, 2d & 18th av N
Minneapolis Steel & Machinery Co. (Heavy), 29th & Drexel
Standard Foundry Co., 1336 3d Av, N E
ST. CLOUD—St. Cloud Iron Works Co.
ST. PAUL—**ST. PAUL FOUNDRY CO.**
Como av & Mackubin
See adv index at end of book
Valley Iron Works, 81 E Water
ST. PETER—Bornemann Adolph
STILLWATER—Jesse August
VIRGINIA—Virginia Foundry & Machine Co.

MISSISSIPPI.

LAUREL—Laurel Machine & Foundry Co.

MISSOURI.

CLINTON—Industrial Iron Works
KANSAS CITY—American Gas Engine Co. (Up to 5 Tons), 11th & Winchester av
American Scale Co. (Small)
Enterprise Foundry Co. (Up to 1 Ton)
Prest Heating & Foundry Co. (Soft, 5,000 lbs.)
Pugh Foundry Co. (Hard), 19 W Levee
Security Stove & Mfg. Co. (Small), 17th & Oakland av
ST. JOSEPH—Berry Iron & Steel Co. (Railroad, etc)
ST. LOUIS—American Car & Foundry Co., Syndicate Trust bldg
American Fdry. & Mfg. Co. (Small), 11th & Herbert
Banner Iron Works (Up to 10,000 lbs), Shaw av & Oak Hill Ry
Green's Car Wheel Mfg. Co., 3018 N B'way
Kilpatrick A. & Sons Foundry Co. (Up to 3,000 lbs), Carrie & Bulwer av
Liberty Foundry Co. (Up to 1,000 lbs), 7601 Reilly av
St. Louis Axle Co. (Up to 3,000 lbs), La Salle W of Jefferson
St. Louis Car Co. (Railway, etc), 8000 N B'way
St. Louis Iron & Machine Works (Up to 20 Tons), 126 Chouteau av
St. Louis Malleable Casting Co., 7701 N Conduit av
South St. Louis Foundry Co. (Up to 12,000 lbs), 7514 S B'way
Southern Wheel Co. (Up to 20,000 lbs), Railway Exch bldg
Spuck Iron & Fdry. Co. (Up to 7,000 lbs), 14th & Branch
United Iron Works Co. (From ¼ to 15,000 lbs), Kansas City, Mo.
Western Foundry & Sash Weight Co., 2d & Miller
Whitman Agricultural Co (Up to 7,000 lbs), 7000 S B'way
SPRINGFIELD—New Phoenix Foundry & Machine Co. (Up to 1 Ton)
United Iron Works Co. (From ¼ to 15,000 lbs)
WEBB CITY—Central Foundry Co.
Webb City & Carterville Foundry & Machine Works

MONTANA.

BUTTE—Montana Iron Works
Western Iron Works

NEBRASKA.

BEATRICE—Beatrice Iron Works
YORK—York Foundry & Engineering Works

NEW HAMPSHIRE.

KEENE—Humphrey Machine Co.
LACONIA—Laconia Car Co. Works (of Boston, Mass.)
LANCASTER—Thompson Mfg. Co.
NASHUA—Highton Wm. & Sons Co.
White Mountain Freezer Co. (Light & Heavy to Order)

NEW JERSEY.

BURLINGTON—U. S. Cast Iron Pipe & Fdry. Co. (Heavy)
CARTERET—**WHEELER CONDENSER & ENGINEERING CO.**
See adv index at end of book
DUNELLEN—Hall Printing Press Co.
EAST NEWARK—Hewitt Jno.
EAST ORANGE—Smith A. P. Mfg. Co.
ELIZABETH—Moore Bros. Co. (High Grade)
Moore Sam'l L. & Sons (Large & Small)
ELIZABETHPORT—Brown A. & F. Co.
FLEMINGTON—Foran Foundry & Mfg. Co.
GRENLOCH—Bateman Mfg. Co. (Light, in Quantities)
HARRISON—Reuther Bros.
HOBOKEN—Elevator Supplies Co.
Focht Geo. Sons, 117-119 Adams
See adv index at end of book
IRVINGTON — Bierman-Everett Foundry Co.

The Snead & Co. Iron Works, Inc.

Main Office and Works JERSEY CITY, N. J. **98 Pine Street**
Branches in Foreign Countries FOUNDED 1849

Makers of Grey Iron Castings for Various Purposes

The special molding equipment developed and perfected in our shops has so increased the capacity of our foundry, raised the quality of product, and decreased cost of production, that we are in a position to carry on extensive jobbing contracts for superior quality castings, at costs which prove attractive.

OTHER PRODUCTS:

Macdonald Roller Ramming and Pattern Drawing Molding Machines
Special Machinery and Machining
Metal and Glass Museum Cases
Library Bookstacks
Steel Storage Shelving and Racks

See also our advertisements under the headings "Library Shelving & Fittings," "Exhibition Cases, Moulding Machines, Foundry."

JERSEY CITY—Fagan Iron Works, 14th
SNEAD & CO. IRON WORKS, 98 Pine
See adv index at end of book
LAMBERTVILLE — Lambertville Iron & Steel Co.
MAHWAH—American Brake Shoe & Fdry. Co. (For Railroad Use)
NEWARK—Hay Foundry & Iron Works, Plum Point la
Hewes & Phillips Iron Works (Heavy), 8 Orange
Maher & Flockhart, Polk
Pfaff & Kendall Foundry
Sacks Louis (Star Heel Plate Only), Hamburg pl
Traud Alexander Co., 5 Main
Universal Caster & Foundry Works of the Bassick Co., Bridgeport, Conn.
NEW BRUNSWICK—New Brunswick Iron Works
PATERSON — Eastwood Benj. Co. (All Sizes, ¼ lb to 30,000 lbs)
Paterson Foundry Co.
POTTERSVILLE—Excel. Mfg. Co.
ROCKAWAY—Hoagland's M. Sons Co.
TRENTON—**CROSSLEY MACHINE CO.,** State & Chestnut av
See adv index at end of book
McFarland Foundry & Machine Co.
THROPP'S JOHN E. SONS CO. (All Sizes), ft of Lewis
See adv index at end of book
Trenton Malleable Iron Co.

NEW YORK.

ALBANY—Albany Foundry Co.
Hartnett John J., Estate
Thacher Geo. H. & Co.
TOWNSEND FOUNDRY & MACHINE SHOP CO., Broadway & Rensselaer
See adv index at end of book
AUBURN—McIntosh & Seymour Corp. (Heavy)
BALLSTON SPA—Davidson Namack Fdry Co.
BUFFALO—American Brake Shoe & Fdry Co.
Buffalo Co-operative Stove Co.
BUFFALO FOUNDRY & MACHINE CO. (Up to 200 Tons, Semi Steel & Air Furnace), 65 Winchester av
See adv index at end of book
FARRAR & TREFTS, INC. (Up to 80,000 lbs)
Frontier Iron Works (Light & Heavy Machinery Castings, etc), 36 Letchworth
Ginther's J. Sons Co.
Howard Iron Works
Jewett & Co. (Up to 2000 lbs)
Lake Erie Engineering Works (Up to 50 Tons)
Lawler Iron Works, 44 Gull
North Buffalo Hardware Foundry Co. (Small), 743 Hertel av
Pohlmann John W. Foundry Co., 205 Baltz av
Standard Foundry Co.
Taylor W. P. Co., Ellicott sq (Car & Locomotive Journal Boxes a Specialty)
Trout H. G. Co.
CAMBRIDGE—Cambridge Steel Plow Co.
COHOES—Cohoes Iron Foundry & Machine Co.
CORNING—Corning Foundry, Inc. (Up to 4 tons)
COXSACKIE—Newbury J. G. Iron Works
ELMIRA—Elmira Foundry Co. (Light & Heavy)
GLENS FALLS—Hopes Combustion Engng. Co. (From 50 lbs up to 1½ tons)
GOSHEN—Newbury Jay H.
GOWANDA—Gowanda Agricultural Works
GREEN ISLAND—Sweet & Doyle Foundry & Machine Co. (Up to 30,000 lbs)
HOOSICK FALLS—Wood Walter A. Mowing & Reaping Machine Co.
HORSEHEADS—Weller Hardware & Fdry Co.
HUDSON FALLS — Sandy Hill Iron & Brass Works
KINGSTON—Millard Jas. & Son
LOCKPORT—McKim Foundry & Machine Co.
MALONE—Hinds Thomas Co.
MANLIUS—Cheney S. & Son (Small)
MECHANICSVILLE—Lynd L. E. Mfg. Co.
MIDDLETOWN—Coleman Galen
MONROE—Newbury Mfg. Co. (For Steam Fittings, etc)
MUNNSVILLE—Munnsville Plow Co.
NEWBURGH—Abendroth & Root Mfg. Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Burr & Houston Co. (Light), 84 Calyer
Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut
Craig Foundry Co. (Specialty Cylinder Castings), 42 Sanford
Meyer Otto C. & Co., 30 Franklin av
Taylor & Co., 680 Morgan av & Norman av

Boroughs of Manhattan and Bronx.

NEW YORK—Alberger Pump & Condenser Co., 140 Cedar
American Brake Shoe & Foundry Co. (Up to Any Weight), 30 Church
American Bridge Co., 30 Church
American Car & Foundry Co., 165 Broadway
Brown A. & F. Co., 79 Barclay
Buckeye Engine Co. (of Salem, O.), 39 Cortlandt
Central Foundry Co., 90 West
Crane Wm M. Co., 16 W 32d
Foran Foundry & Mfg. Co., 122 Liberty, New York
French H. P. Co., Inc., 320 B'way
See adv index at end of book
Gerdes & Co., 42 Church
See adv index at end of book
Griscom-Russell Co., 92 West
See adv index at end of book
KNAPP ARTHUR ENGINEERING CORP., 30 Church
See adv index at end of book
LIDGERWOOD MFG. CO., 96 Liberty
See adv index at end of book
Long E. G. Co., 50 Church; Works: Kingston, N. Y.
Lough Bros., 25 Elm
Mietz August, 138 Mott
Morris Elmer P. Iron Works, 136 Liberty
ROBINS CONVEYING BELT CO., 13 Park row
See adv index at end of book
S. E. T. Valve & Hydrant Co., 50 Church *See adv index at end of book*

Borough of Queens.

LONG ISLAND CITY—McGee Jos. Iron & Brass Foundry Co., 51 6th
Russell Foundry & Machine Works, Flushing av

(End of New York City)

NORWICH—Ireland Machine & Fdry Co.
OSWEGO—Hessler Foundry & Mfg. Co.
PEEKSKILL—Southard-Robertson Co.
POUGHKEEPSIE—Poughkeepsie Foundry & Machine Co.
ROCHESTER—Enterprise Foundry Co.
General Railway Signal Co. (Light, High Grade)
Heughes F. L. & Co.
North West Foundries, Inc.
SALAMANCA—Salamanca Engine-Iron Co.
SARATOGA SPRINGS—Baker Mfg. Corp. (Up to 20 tons)
SYRACUSE—Dunning W. D.
Empire Foundry Co.
Engelberg Huller Co.
Stearns E. C. & Co., 450 Oneida
Straight Line Engine Co. (Loam or Green Sand to 20,000 lbs)
Syracuse Chilled Die & Casting Co.
TONAWANDA—Gillie Machine Co.
TROY—Geier & Bluhm
Hislop James W. (Machinery)
Neemes Bros. (Heavy)
Reynolds Chalou Foundry Co.
Reynolds G. W. H. Foundry Co.
West Side Foundry Co. (Light & Heavy)
UTICA—Munson E. G.
Utica Steam Engine & Boiler Works (Semi-Steel)
WARSAW—Warsaw-Wilkinson Co.
WATERTOWN—Bagley & Sewell Co.
Harmon Machine Co.
Massey Machine Co.

NORTH CAROLINA.

GREENSBORO—Glascock Stove & Mfg. Co.
RALEIGH—Raleigh Iron Works Co.
SANFORD—Moffitt Iron Works Co.
WAKE FOREST—Wake Forest Foundry Co.
WINSTON-SALEM—Salem Iron Works

NORTH DAKOTA.

FARGO—Fargo Foundry Co.

OHIO.

AKRON—**ADAMSON MACHINE CO.**
See adv index at end of book
Akron Foundry Co.
Atlantic Foundry Co.
ALLIANCE—Morgan Engineering Co
See adv index at end of book
ASHTABULA—Barber Mfg. Co.
BEREA—Dunham Co. (Up to 2,000 lbs), Hippodrome bldg.
BOWLING GREEN—Thornburgh Mfg. Co. (Light & Heavy)
Universal Machine Co. (Up to 6,000 lbs)
BRYAN—Bryan Plow Co.
BUCYRUS—Carroll Foundry & Machine Co.
CANTON—Alliance Foundry Co. (Light & Heavy, up to 15 Tons)
American Sheet & Tin Plate Co. (Up to 20 tons), Frick bldg, Pa.
Canton Foundry & Machine Co. (Light & Heavy)
Dick Jos. Mfg. Co.
Gilham Co.
Kelly-Cohen Foundry Co.
Widder J. C. Co.
CINCINNATI—Bardes E. H. Range & Foundry Co.
Bollmann-Wilson Foundry Co., 506 E Front
Bruce John J. Foundry Co., 2421 Colerain av
Buckeye Foundry Co., Queen City av & Buck
Elmwood Castings Co., Murray rd
Erhart Chris., 1237 W 6th
Lane & Bodley Co., Tennessee av & Paddock rd
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly
See adv index at end of book
Morris John B. Foundry Co., Court & Harriet
Mowry Car Wheel Works Co. (For Machinery, etc)
Oberhelman J. A. Foundry Co.
Queen City Foundry Co. (All Kinds of Castings), Spring Grove av & Alabama
Schreiber L. & Sons Co., 3869 Ivanhoe
CLEVELAND—Acme Foundry Co. (Fine, Light & Medium), 5217 Sweeney av S E
Allyne-Ryan Foundry Co., Aetna rd & E 91st
American Range & Foundry Co. (Light)
Auto Castings Co., Scranton rd
Bowler Foundry Co., 1688 Columbus
Buckeye Engine Co. (of Salem, O.), New England bldg
City Foundry Co. (Light & Heavy Up to 50 Tons), 45th & Hamilton av
Cleveland Galvanizing Works Co., 3924 Cooper av
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E
Fanner Mfg. Co. (Small), Pearl rd
Ferro Machine & Foundry Co. (For Automobiles, Trucks & Tractors), E 66th & Hubbard av
Forest City Foundry & Mfg. Co. (Small), 2202 Elm av
Fulton Foundry Co. (All Kinds), 1209 Marquette av
Grabler Mfg. Co. (1 ounce to 100 lbs)
Hill Clutch Co., 1000 W 58th
Interstate Foundry Co., E 61st & Erie R R
Johnston & Jennings Co., Addison rd & N. Y. C. R. R.
See adv index at end of book
Kilby Mfg. Co.
Madison Foundry Co. (Light & Heavy)
Ohio Foundry Co. (Light & Heavy), E 71st & Stanton
Palmer & De Mooy Foundry Co. (Light Soft Grey Iron a Specialty), 1658 Leonard N W
Standard Foundry & Mfg. Co. (Light Castings & Hardware Specialties).
Superior Foundry Co.
Taylor & Boggis Foundry Co. (Light)
TYLER W. S. & CO. (Light)
See adv index at end of book
Variety Iron & Steel Works Co. (Heavy), Hamilton av & E 40th
Walworth Run Foundry Co. (High Grade), 2488 W 27th
Wellman Bronze Co. (Medium & Heavy), 6017 Superior av
COLUMBUS—McDonald Foundry
COSHOCTON—Keagy & Lear Machine Co.
CRESTLINE—Schill Bros. Co.
CUYHAGO FALLS—Atlantic Foundry Co.
DAYTON—Buckeye Iron & Brass Works
Seybold Foundry Co.
Standard Foundry Co.
ELMORE—Multiplex Concrete Machinery Co. (Light & Medium)
ELYRIA—Duplex Mfg. & Fdry. Co.
Elyria Foundry Co. (Up to 40,000 lbs)
Garford Engineering Co.
GENEVA—Champion Hardware Co. (Small Light)
HAMILTON—Central Foundry Co. (Machine Molded Pulley Castings, etc)
Hamilton Foundry & Machine Co.
HOOVEN, OWENS, RENTSCHLER CO. (Heavy & Machinery)
See adv index at end of book
Miami Foundry Co. (Light & Medium)
Peerless Foundry (Light)
IRONTON—Ironton Punch & Shear Co. (Up to 40,000 lbs, Pneumatic Process)
KENTON—Champion Iron Co.
LEXINGTON—Cureton Wm. & Sons (Up to 15,000 lbs), Richland Co.
LIMA—Chalmers Mfg. Co.
East Iron & Machine Co. (Up to 10,000 lbs), 351 E Market
LORAIN—Lorain Casting Co. (Up to 40,000 lbs.)
MARIETTA—Pattin Bros. Co.
MASSILLON—Griscom-Russell Co.
See adv index at end of book
Hess-Snyder Co.
Massillon Iron & Steel Co.
MEDINA—Medina Foundry Co.
MINERVA—Minerva Hardware Mfg. Co. (Light)
MOUNT VERNON—Cooper, C. & G. Co. (Heavy) (Up to 100,000 lbs.)
NEWARK—Wehrle Co.
NEW LEXINGTON—Star Mfg. Co.
NEW LEXINGTON—Ladel Mfg. Co.
Star Mfg. Co.
NORWALK—Norwalk Foundry Co.
PIQUA—French Oil Mill Machinery Co. (Up to 20,000 lbs.)
PORTSMOUTH—Portsmouth Engine Co. (Machine, etc Up to 10,000 lbs.)
WHITAKER—Glessner Co. (For Own Use)
RAVENNA—Williams A. C. Co.
Williams A. C. Co.
RIPLEY—Ripley Foundry & Machine Co.
SANDUSKY—Brown Clutch Co.
G. & C. Foundry Co.
SEVILLE—Overholt, I. M.
SIDNEY—Peerless Bread Machine Co. (Small)
SPRINGFIELD—Fairbanks Co.
Gray Iron Casting Co.
Hennessey Foundry Co.
TIFFIN—Sterling Grinding Wheel Co.
TOLEDO—Donovan Wire & Iron Co., Chicago & W. & L. E. Ry
Duncan Forge Co.
Ensign Foundry Co.
Etna Machine Co.
McNaull Boiler Mfg. Co.
Milmine H. B. & Co.
Toledo Foundry & Machine Co.
Toledo Shipbuilding Co.
WARREN—Trumbull Mfg. Co. (Up to 1,500 lbs.)
WAUSEON—Superior Iron & Mfg. Co. (See Toledo)
WELLSVILLE—Menough Foundry Co. (Light & Heavy)
WESTERVILLE—Hance J. W. Foundry Co.
WILLOUGHBY—American Clay Machinery Co. (Medium & Heavy)
YOUNGSTOWN—Mahoning Foundry Co. (Small)
Youngstown Foundry & Machine Co. (Rolling Mill & Blast Furnace, etc)
ZANESVILLE—Dockray H. V. Brass & Iron Co.
Griffith & Wedge Co.

OREGON.

PORTLAND—Hesse-Martin Iron Works
Independent Foundry Co.

PENNSYLVANIA.

ALLENTOWN—Daugherty Foundry Co. (Light)
Kline Hardware Co.
Mosser W. F. & Son
AVONMORE—National Roll & Foundry Co. (Heavy)
BEAVER FALLS—Knott & Harker Co.
Murphy Foundry Co. (Up to 2 Tons)
BELLEFONTE—Bellefonte Engineering Co.
BIRDSBORO—Birdsboro Steel Foundry & Machine Co. (Grey, Sand & Loam)
BLOOMSBURG—Richard Mfg. Co.
BOYERTOWN—Union Mfg. Co.
BRADFORD—Blaisdell Machinery Co. (1 lb. to 3,000 lbs.)
Caldwell E. R. & Co.
BRISTOL—Harkins T. B. Foundry Co.
Standard Cast Iron Pipe & Foundry Co. (Up to 25 Tons)
BURNHAM—Standard Steel Works Co. (See Phila.)
BUTLER—Butler Engine & Foundry Co.
CATASAUQUA—Davies & Thomas Co. (1 lb. to 5 Tons, Rough & Machined)
CHAMBERSBURG—Chambersburg Engineering Co. (Up to 100 Tons)
COATESVILLE—Coatesville Foundry & Machine Co. (Light & Heavy)
COLUMBIA—Colonial Foundry & Machine Co.
CONNELLSVILLE—Connellsville Machine & Car Supply Co.
CORRY—Love Mfg. Co.
DANVILLE—Danville Foundry & Machine Co. (Up to 40,000 lbs.)
DUBOIS—Dubois Iron Works
Osborn Machine Co.
EAST BANGOR—East Bangor Mfg. Co.
EASTON—Knuebler Foundries
Treadwell Engineering Co.
Wharton Wm., Jr. & Co.
ELIZABETHTOWN—Buch's A. Sons Co.
ELWOOD CITY—Standard Engineering Co. (Up to 25 Tons)
EPHRATA—Ephrata Fdry & Machine Works (Up to 1,000 lbs.)
ERIE—Ball Engine Co. (Up to 20 Tons)
Cascade Foundry Co.
Erie Foundry Co.
Nagle Corliss Engine Works (Heavy)
Odin Stove Mfg. Co.
Urick Foundry Co.
Walker Foundry Co.
FULLERTON—Lehigh Foundry Co. (Up to 50 Tons, Rough or Machined)
GIRARD—Lake Erie Foundry Co.
GREENSBURG—Hempfield Foundry
GROVE CITY—Bessemer Foundry Co.
HARRISBURG—Harrisburg Foundry & Machine Works
Hickok W. O. Mfg. Co.
HOLLIDAYSBURG — McLanahan - Stone Machine Co.
HYDE PARK—Hyde Park Foundry & Machine Co.
IRWIN—Irwin Foundry & Mine Car Co.
JOHNSTOWN—Globe Iron Foundry Co.
Suppes Forge & Foundry Co.
LANCASTER—Hubley Mfg. Co. (Light Finished in Any Manner)
Lancaster Machine & Structural Wks.
LANSDALE—Central Radiator Co.
Heebner & Sons
Krupp Fdry. Co.
LEBANON—Buchanan Foundry Co.
Hunsicker Engineering Co.
Iron City Foundry Co.
LEBANON GEAR & MACHINE WORKS, 17th & Forge
See adv index at end of book
Leetsdale Foundry & Mfg. Co.
North Lebanon Foundry Co. (Up to 5 Tons)
McKEES ROCKS—Taylor-Wilson Mfg. Co.
MARIETTA—National Castings Co.
MARS—Velte Foundry & Machine Co. (For Machinery, Gas Engine, etc)
MEADVILLE—Phoenix Iron Works Co. (Up to 10,000 lbs.)
MIDLAND—Pittsburgh Iron & Steel Foundries Co. (Small Machine Moulded)
MONONGAHELA—Coshocton Iron Co.
MOUNT CARMEL—Mount Carmel Iron Works
MOUNT JOY—Grey Iron Casting Co. (Light & Heavy)
NAZARETH—Nazareth Foundry & Machine Co. (1 to 3 tons, Rough & Machined)
NORTH WALES—North Wales Fdry. Co.
North Wales Machine Co.
OLYPHANT—Olyphant Foundry Co.
PHILADELPHIA—Adams Wm. Fdry. Co., 960 N 9th
Aetna Foundry Co., 22d & Allegheny av

American Engineering Co., Aramingo av & Cumberland
Barker Jas., 6th & Cayuga
Bernstein Mfg. Co., 3d & Westmoreland
Clark J. Alfred, 35th & Gray's Ferry rd
Cox & Sons Co., 5th & Chestnut
Creswell Samuel J. Iron Works, 23d, cor Cherry
Diller, Caskey & Keen (Light), 6th & Berks
Fairmount Foundry Co., Duncannon & Clinton
Flagg Stanley G. & Co., Morris bldg.
Girard Iron Works, 22d & Master
KUTZTOWN FOUNDRY & MACHINE CO. (5 to 20,000 lbs.), 1421 Chestnut
See adv index at end of book
Link-Belt Co., Hunting Park av & P. & R. Ry.
See adv index at end of book
Morris I. P. Co. (Up to 50 Tons), Beach & Ball
North Bros. Mfg. Co., Lehigh av & American
Philadelphia Hardware & Malleable Iron Works (Soft), 9th & Jefferson
Philadelphia Roll & Machine Co., 25th & Wash'n av
Philadelphia Stove & Iron Foundry Co., 1621 N 5th
Schaum & Uhlinger, 2d & Glenwood av
Schneider Bowman Co., Vandike & Frankford
Sheppard Isaac A. Co., Erie av & Sepviva
Standard Cast Iron Pipe & Foundry Co.
Wood R. D. & Co., 400 Chestnut

PHOENIXVILLE—Madco Foundry & Machine Co.
PITTSBURGH — American Bridge Co., Frick bldg.
Baltimore Car & Foundry Co.
Cyclops Foundry Co. (Up to 15 Tons), Union Bk bldg
Garrison A. Foundry Co., 901 Bingham
Kennedy-Stroh Corp'n
Mackintosh Hemphill & Co. (Heavy Rolling Mill, etc, Up to 240,000 lbs)
Marshall Foundry Co.
Mesta Machine Co. (Heavy Rolling Mill, etc)
See adv index at end of book
Penna Casting & Machine Co., 501 Preble
Pittsburgh Lamp, Brass & Glass Co. (1 oz to 50 lbs.), 130 7th
Pittsburgh Piping & Equipment Co., 35th & Charlotte
Pittsburgh Valve, Foundry & Construction Co., 26th & A V RR
Pressed Steel Car Co. (Car, Locomotive & Machinery), 307 5th av, Pittsburgh, Pa.
Reliance Steel Casting Co., 28th & Smallman
Rosedale Foundry & Machine Co., Columbus & Preble
Sterritt-Thomas Foundry Co., 32d & Smallman
United Engineering & Fdry. Co., 307 5th

PITTSTON — Exeter Machine Works (Heavy)
POTTSTOWN—Colebrookdale Iron Co. (Japanned & Tinned)
Keystone Foundry Co.
POTTSVILLE—Pottsville Foundry & Stove Co.
PUNXSUTAWNEY—Punxsutawney Foundry & Machine Co.
READING—Gray Iron Foundry Co. (Small & Medium Soft)
PENN FOUNDRY & MFG. CO., Reading, Pa. *See adv index at end of book*
Textile Machine Works (High Grade)
ROCHESTER—Olive Stove Works
SCRANTON—American Safety Lamp & Mine Supply Co. (Small)
Barker S. G. & Son
Finch Mfg. Co.
McClave-Brooks Co., Poplar
Scranton Pump Co.
SLATINGTON—Slatington Foundry, Machine & Boiler Works (Ltd.)
SOUTH BETHLEHEM—Bethlehem Foundry & Machine Co. (One lb to 10 Tons)
Bethlehem Steel Co.
STROUDSBURG—Marsh E. B. Bro. & Co.
SWISSVALE—Union Switch & Signal Co.
TATAMY—Messinger Mfg. Co.
TYRONE—Burley Heater Co.
WARREN—Barnhart-Davis Co.
WEATHERLY—Weatherly Foundry & Machine Co. (Railroad, etc)
WILKES-BARRE—Vulcan Iron Works
Wilkes-Barre Iron Mfg. Co.
WILLIAMSPORT — National Foundry Mfg. & Supply Co.
Rundio Nelson L.
Valley Iron Works (Loom, Dry & Green Sand & Machine Molded)
WRIGHTSVILLE—Susquehanna Casting Co. (Light)
Wrightsville Hardware Co. (Small)
YORK—Eyster, Weiser Co.

RHODE ISLAND.

HILLS' GROVE—Rhode Island Malleable Iron Works
PAWTUCKET—White J. S. Co. (Machinery)
PROVIDENCE—Brown & Sharpe Mfg. Co. (Motor Cylinder, etc)
Builders' Iron Foundry ("Globe Specials," Heavy, for Water Works, Pipe Fittings, etc), 9 Codding
Colvin Foundry Co. (All Kinds), 185 Globe
Franklin Machine Co. (1 oz to 5 ton), 189 Charles
Fuller Iron Works (Machinery, etc), 40 Tockwotton
RIVER POINT—Brayton L. Foundry Co.

SOUTH CAROLINA.

CHARLESTON—Charleston Iron Works
Riley John F.
Valk & Murdock Co. (Up to 6,000 lbs)
GREENVILLE—Greenville Iron Works

TENNESSEE.

CHATTANOOGA — Acheson Foundry & Machine Wks.
American Brake Shoe & Fdry Co.
Chattanooga Car & Foundry Co.
Columbian Iron Works (Municipal)
Eureka Foundry Co. (Up to 15,000 lbs)
Gustafson Mfg. Co. (Up to 10,000 lbs)
Jones Machine & Foundry Co.
Lookout Boiler Mfg. Co. (Up to 4,000 lbs)
Price-Evans Foundry Co.
Ross-Meehan Foundries Co. (Up to 50,000 lbs Railroad)
Southern Skein & Foundry Co.
CLARKSVILLE—Clarksville Foundry & Machine Works
JACKSON—Southern Engine & Boiler Works (Up to 20,000 lbs)
KNOXVILLE—Fair Foundry Co. (Up to 4,000 lbs)
Knoxville Foundry & Machine Co.
Southern Pipe & Foundry Co. (Small)
LEWISBURG—Lewisburg Foundry Co.
MEMPHIS—Chickasaw Machine & Foundry Co.
NASHVILLE—Cumberland Foundry & Mfg. Co. (Up to 10,000 lbs)
Southern Foundry Co. (Small)

TEXAS.

DALLAS—Mosher Mfg. Co.
EL PASO—El Paso Foundry & Machine Co.
HOUSTON—Dickson Car Wheel Co.
Houston Car Wheel & Machine Co. (Light & Heavy)

VERMONT.

BELLOWS FALLS—Buckingham Foundry & Screen Pate Co.
BRANDON—Backus Corp.
FAIR HAVEN—Fair Haven Foundry & Machine Co.
POULTNEY—Gray Foundry, Inc.
RUTLAND—Davis Chas E. (From 1 ounce to 1 ton)

VIRGINIA.

BRISTOL—Iron City Stove & Fdry Co.
CLIFTON FORGE—Clifton Forge Machine & Foundry Co.
COVINGTON—Covington Machine Co.
DANVILLE—Westbrook Elevator Co.
HAMPTON—Hampton Mfg. Co.
LYNCHBURG—Glamorgan Pipe & Foundry Co.
Lynchburg Foundry Co. (Medium & Heavy)
NORFOLK — Eagle Iron Works (Up to 6,000 lbs)
PETERSBURG—Appomattox Iron Works & Supply Co.
RICHMOND—Cameron Stove Co.
Carr Jas. W.
Richmond Foundry & Mfg. Co. (Plumbing Specialties)
Richmond Structural Steel Co. (Up to 30,000 lbs)
Strickland Machine Co., 2330 E Main
ROANOKE—Roanoke Iron Works (Up to 10,000 lbs)
WYTHEVILLE—Wytheville Iron Works ("Wi Wi")

WASHINGTON.

EVERETT—Nordeen H. G.
SEATTLE—Olympic Foundry Co. (Light & Heavy)
Seattle-Astoria Iron Works
Variety Iron Works (Light & Heavy)
SPOKANE—National Iron Works
Northwest Harvester Co.
Union Iron Works

WEST VIRGINIA.

FAIRMONT—Fairmont Mining Machinery Co. (Soft Castings)
MORGANTOWN—Chrisman Foundry Co.
PARKERSBURG—Valley Machine Co.
WHEELING—Centre Foundry & Machine Co.
Wheeling Mold & Foundry Co.
Whitaker—Glessner Co. (For Own Use)

WISCONSIN.

ALGOMA—Wodsedalak Jos.
APPLETON—Valley Iron Works Co.
CEDAR GROVE—Wisconsin Foundry & Steel Works
CUDAHY—Worthington Pump & Machinery Co.
GRAFTON—Grafton Foundry Co. (Light & Heavy)
GREEN BAY—Rothe Jos. F. Foundry Co.
LA CROSSE—Smith Mfg. Co.
MANITOWOC—Manitowoc Fdry. & Machine Co.
MILWAUKEE—Chain Belt Co.
Colnik C. Mfg. Co., 750 Greenbush
Martin A. E. Foundry & Machine Co. (½ lb to 5 Tons), 705 Park
Milwaukee Malleable & Grey Iron Works, Layton Park
Nordberg Mfg. Co. (Heavy), Chicago & Oklahoma av
Schwab R. J. & Sons Co., 283 Clinton
VILTER MFG. CO., 1046 Clinton
See adv index at end of book
NEENAH—Aylward Sons Co.
OSHKOSH—Challoner Co.
Universal Foundry Co.
RACINE—American Skein & Foundry Co.
Belle City Mfg. Co.
Holbrook Armstrong Iron Co. (Light & Heavy)
Racine Brass & Iron Co.
SHEBOYGAN — Jenkins Machine Co. (Light & Heavy)
SOUTH MILWAUKEE—Stowell Co. The
SUPERIOR—Duplex Mfg. Co.
TOMAHAWK—Tomahawk Steel & Iron Works
WAUKESHA—Spring City Foundry Co.
WEST ALLIS—West Allis Iron Works
WEST BEND—Gehi Bros. Mfg. Co. (Up to 2000 lbs.)

2170— Castings (Gun Metal)

Ajax Metal Co., 46 Richmond, Phila., Pa.
Arcade Malleable Iron Co. (Gun Iron), Worcester, Mass.
Atlas Brass Works, 431 Folsom, San Francisco, Cal.
Belcher Malleable Iron Co., Easton, Mass.
BUFFALO FOUNDRY & MACHINE CO. ("Buflokast" Gun Iron), 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Builders' Iron Foundry (Iron), 9 Codding, **Providence, R. I.**
Crown Smelting Co., Chester, Pa.
Damascus Bronze Co. ("Damscus"), N S, Pittsburgh, Pa.
See adv index at end of book

CASTINGS (GUN METAL)—continued
Eureka Co., North East, Pa.
Fewlass-Leen Brass & Iron Co., 610 E Front, Cincinnati, O.
Germann Bronze Co., Erie, Pa.
Grote F. Mfg. Co., Evansville, Ind.
Hunt-Spiller Mfg. Corpn. ("Hunt-Spiller" Gun Iron), 395 Broadway, Boston, Mass.
Light Mfg. & Foundry Co., Pottstown, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Moran Flexible Steam Joint Co., Louisville, Ky.
More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.
Poole Engineering & Machine Co., Wood-Berry Station, Baltimore, Md.
Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.
Rider-Bagg Co., Springfield, Mass.
Salt Lake Iron & Steel Co., Salt Lake City, Utah
Taylor-Wilson Mfg. Co. (Gun Iron), McKees Rocks, Pa.
Titanium Bronze Co., Inc., Niagara Falls, N. Y.
Van Duzen E. W. Co., 428 E 2d, Cincinnati, O.
Walworth Mfg. Co., 142 High, Boston, Mass.
Williams E. A. Son, 109 Plymouth, Jersey City, N. J.

Castings (Hatfield Steel)

See firms in Castings, Steel, with the word Hatfield following their names

2170a— *Castings (Iron)

Philadelphia Roll & Machine Co., 25th & Washington av, Phila., Pa.

2170b—*Castings (Iron Special)

Philadelphia Roll & Machine Co., 25th & Washington av, Phila., Pa.

2170c— *Castings (Lathe)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

2171— Castings (Lead)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
American Tool & Machine Co., 10 High, Boston, Mass.
Atlas Brass Works, 431 Folsom, San Francisco, Cal.
Brown Bros., Stamford, Conn.
DIAMOND EXPANSION BOLT CO., 89 West, New York
See adv index at end of book
Farrell Edward P., 1414 Philpot, Baltimore, Md.
Germann Bronze Co., Erie, Pa.
Liberty Brass Works, 305 W Lombard, Baltimore, Md.
Maryland Brass & Metal Works, Guilford & Federal, Baltimore, Md.
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
Neenah Brass Works, Neenah, Wis.
Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.
United Lead Co., 111 B'way, New York
U. S. Indestructible Gasket Co., Church & Fulton, New York
See adv index at end of book
Wells Chemical Bronze Works, Worcester, Mass.

2171a—*Castings (Locomotive)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

2172—*Castings (Lumen Bearing)

LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y.
See adv index at end of book

2173— *Castings (Machinery)

See also Castings, Various Kinds

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
GERDES & CO., 42 Church, New York
See adv index at end of book
GRISCOM-RUSSELL CO., Massillon, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Morgan Engineering Co., Alliance, O.
See adv index at end of book
Sivyer Steel Casting Co., Milwaukee, Wis.
THROPP'S JNO. E. SONS CO., ft of Lewis, Trenton, N. J.
See adv index at end of book

2174—Castings (Malleable Iron)

ALABAMA.

BIRMINGHAM—Beggs Pipe & Fdry. Co.

CALIFORNIA.

REDDING—Northern California Engineering Works

CONNECTICUT.

BRANFORD—Hammer & Co. (Hardware Specialties, etc)
Malleable Iron Fittings Co. (Air Furnace Refined)
BRIDGEPORT — Bridgeport Malleable Iron Works. Branch of Eastern Malleable Iron Co.
Crane Co.
MIDDLETOWN—Wilcox, Crittenden & Co. (Small, to Order)
MOUNT CARMEL—Woodruff Walter W. & Son Co. (Carriage & Miscellaneous)
NAUGATUCK—Eastern Malleable Iron Co. (All Kinds)
NEW BRITAIN—Malleable Iron Works
North & Judd Mfg. Co. (Castings to Order)
Vulcan Iron Works, br of Eastern Malleable Iron Co. (All Kinds)
NEW HAVEN—Fitch W. & E. T. Co.
North O. B. & Co.
TERRYVILLE—Terry Andrew Co. (Keys, Hinges & Small)

DELAWARE.

WILMINGTON—Malleable Iron Works of Eastern Malleable Iron Co.

ILLINOIS.

BRADLEY—Bradley David Machine Works
CANTON—Parlin & Orendorff Co.
CHICAGO—Abell-Howe Co., 332 S Michigan av, Chicago, Ill.
See adv index at end of book
American Seating Co., 14 E Jackson blvd. Works: Grand Rapids, Mich.
Chicago Malleable Castings Co. (Refined Castings), 120th & Racine av
Crane Co. (Est. 1855) (Gas, Steam & Water Fittings), 836 S Michigan av
For branch offices see Alphabetical Section
Illinois Malleable Iron Co. (Pipe, Fittings & General), 1801 Diversey blvd *See adv index at end of book*
National Malleable Castings Co. (Railroad, etc), 2610 W 25th pl.(See Cleveland, O.)
Pratt Wm. E. Mfg. Co., 35 W Lake
Stewart-Warner Speedometer Corp., 1826 Diversey Parkway
Western Steel Car & Fdry. Co. (Castings), Peoples Gas bldg
Wolff L. Mfg. Co., 111 N Dearborn
DANVILLE—Danville Malleable Iron Co.
DECATUR—Decatur Malleable Iron Co.
EAST MOLINE—Union Malleable Iron Co.
EAST ST. LOUIS—Missouri Malleable Iron Co. (Railroad, Stove, Range, etc)
FRANKLIN PARK—Franklin Park Fdry. Co.
GALESBURG—Galesburg Malleable Castings Co. (Light & Medium)
JOLIET—Pratt Wm. E. Mfg. Co.
MADISON—American Car & Foundry Co.
MELROSE PARK — National Malleable Castings Co. (See Cleveland, O.)
MOLINE—Cooper H. W. Saddlery Hdw. Mfg. Co.
ROCKFORD — Rockford Malleable Iron Works (Machinery & General)
ST. CHARLES—Faultless Iron Works
Moline Malleable Iron Co. (All Kinds)

INDIANA.

HAMMOND — Hammond Malleable Iron Co.
INDIANAPOLIS—Link-Belt Co. Belmont Foundry
See adv index at end of book
National Malleable Castings Co. (Railroad, etc). (See Cleveland, O.)
MARION—Marion Malleable Iron Works
MICHIGAN CITY—Haskell & Barker Car Co. (Car & R R Castings)
MUNCIE—Machsts. Foundry Co.
Whitely Malleable Castings Co. (Agritural, Railroad, etc)
RICHMOND—Richmond Malleable Castings Co.
SOUTH BEND—South Bend Chilled Plow Co.
TERRE HAUTE—Terre Haute Malleable & Mfg. Co.

IOWA.

FAIRFIELD—Iowa Malleable Iron Co.

MARYLAND.

BALTIMORE—Baltimore Malleable Iron & Steel Casting Co., So Charles & Wells
Symington T. H. Co., Md. Trust bldg.

MASSACHUSETTS.

BOSTON—Laconia Car Co. (For Electrical Work), 60 Congress
EASTON—Belcher Malleable Iron Co. (Machinery, Agricultural, etc)
WORCESTER—Arcade Malleable Iron Co. (Castings of Every Description)

MICHIGAN.

ALBION—Albion Malleable Iron Co. (Agricultural, Carriages, etc)
BENTON HARBOR—Benton Harbor Malleable Foundry Co.
DETROIT—Buhl Malleable Co.
Detlaff A. J. Co.
Michigan Malleable Iron Co. (Car, Agricultural, etc), Delray
GRAND RAPIDS—Grand Rapids Malleable Works
KALAMAZOO—Kalamazoo Malleable Iron Co.
MUSKEGON—Standard Malleable Iron Co.
WYANDOTTE—Detroit Valve & Fittings and Detroit Brass Wks.

MINNESOTA.

ST. PAUL—Northern Malleable Iron Co. (Agricultural Implement & Railroad) Wells & Forest

MALLEABLE CASTINGS

FOUNDRY EQUIPMENT

ABELL-HOWE COMPANY
322 South Michigan Avenue
CHICAGO, ILL.

MISSOURI.

ST. LOUIS—American Car & Foundry Co., Syndicate Trust bldg. Works. St. Charles
St. Louis Car Co. (Car & R. R.), 8000 N B'way
St. Louis Malleable Casting Co., 7701 N Conduit av

NEW HAMPSHIRE.

LACONIA—Laconia Car Co. (For Electrical Work
NASHUA—Highton Wm. & Sons Co.

NEW JERSEY.

BURLINGTON—Devlin Thos. Mfg. Co. (See Phila., Pa.)
IRVINGTON—Barnett Oscar Foundry Co. (Custom Work, Light & Medium)
Bierman-Everett Foundry Co.
NEWARK—Meeker Foundry Co. (All Kinds)
TRENTON—Trenton Malleable Iron Co. (All Kinds)

NEW YORK.

ALBANY—Albany Malleable Iron Co.
BATAVIA—Massey-Harris Harvester Co.
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Acme Steel & Malleable Iron Works, 245 Military rd
Jewell Steel & Malleable Co.
Pratt & Letchworth Co. (Small & Large)
DEPEW—Gould Coupler Co.
HOOSICK FALLS—Wood Walter A., Mowing & Reaping Machine Co. (For Own Consumption)
LANCASTER—American Malleables Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Columbia Machine Works & Malleable Iron Co., Atlantic & Chtestnut

Boroughs of Manhattan and Bronx.

NEW YORK—American Car & Foundry Co., 165 Broadway
American Malleables Co., 30 Church. (Works: Bloomfield, N. J.)
Gould Coupler Co., 30 E 42nd
Johnson Isaac G. & Co. (All Kinds), Spuyten Duyvil
Toop Geo. H. Iron Works, 9 Canal pl
U. S. Castings Co. (Selling Agent), 25 Elm

(End of New York City)

NIAGARA FALLS—Titanium Bronze Co., Inc.
ORISKANY—Oriskany Malleable Iron Co. (Ltd.) (All Kinds, Light, Medium & Heavy)
ROCHESTER—Symington T. H. Co.
SYRACUSE—Frazer & Jones Co. (Saddlery, Agricultural & General)
Globe Malleable Iron & Steel Co. (Specialty, Automobile Castings), 101 Greenway av
Smith Wheel, Inc.
Syracuse Malleable Iron Works (Automobile, Railway, Agricultural, Air Furnace, etc)
TROY—Troy Malleable Iron Works of Eastern Malleable Iron Co. (Castings for All Purposes, Specialties R R & Electric Motor Truck Castings)
WESTMORELAND—Westmoreland Malleable Iron Co. (Ltd.) (Agricultural, Carriage, Saddlery & General)

OHIO.

BARBERTON—Pittsburgh Valve & Fittings Co.
CANTON—Canton Malleable Iron Co. (General Castings)
Elbel Co. (Saddlery Hardware & Castings)
Gilliam Co.
CINCINNATI—Haven Malleable Castings Co. (Carriage Hardware & Custom)
CLEVELAND—Chisholm Moore Mfg. Co. (Light & General, Smooth & Well Annealed Castings), 5046 Lakeside
Eberhard Mfg. Co. (Saddlery Only), Fanner Mfg. Co. (Small), Pearl rd
Grabler Mfg. Co. (Small)
National Malleable Castings Co. (R R, etc), 7706 Platt av S E
COLUMBUS—Columbus Malleable Iron Co.
JEFFREY MFG. CO., 961 N Fourth
See adv index at end of book
Ohio Malleable Iron Co. (All Kinds), 961 N Fourth
DAYTON—Dayton Malleable Iron Co. (For Railroad & Car Builders & Agricultural Implements, etc)
MARION—American Malleable Casting Co.
SPRINGFIELD—American Seeding Machine Co. (Agricultural Implements Only)
International Harvester Co. (Champion Works)
Springfield Malleable Iron Co. (Small & Railroad Castings)
TIFFIN—Webster Mfg. Co.
TOLEDO—Maumee Malleable Castings Co. (Railroads, etc.)
National Malleable Castings Co. (Railroad, etc.) (See Cleveland, O.)
United States Malleable Iron Co. (Automobile, Carriage, R R & Implement)
WARREN—General Malleable Co.
Trumbull Mfg. Co.
WAUSEON—Superior Iron & Mfg. Co. (See Toledo, O.)
YOUNGSTOWN—Youngstown Furnace Co.
ZANESVILLE—Zanesville Malleable Co.

PENNSYLVANIA.

BURNHAM—Standard Steel Works Co. (See Phila.)
CHAMBERSBURG—Quincy Engine Co.
EASTON—Kuebler Foundries
ERIE—Erie Malleable Iron Co. (All Kinds)
Jarecki Mfg. Co. (Fittings, etc)
GREENBURG—Kelly & Jones Co.
LANCASTER—Lancaster Foundry Co.
McKEES ROCKS—Fort Pitt Malleable Iron Co.
Pressed Steel Car Co. (See Pittsburgh, Pa.)
MEADVILLE—Meadville Malleable Iron Co. (Refined Air Furnace Iron)
OIL CITY—Oil Well Supply Co.
PHILADELPHIA—Devlin Thos. Mfg. Co. (Carriage, Saddlery, Agricultural, Pipe Fittings, etc), 3d & Lehigh av
Flagg Stanley G. & Co., Morris bldg. Works: Pottstown
Janney, Steinmetz & Co., 1421 Chestnut
Philadelphia Hardware & Malleable Iron Works (Light), 9th & Jefferson
Standard Steel Works Co., Morris bldg. Works: Burnham
Temple Malleable Iron & Steel Co., Harrison bldg. Works: Temple, Pa.
PITTSBURGH—Fort Pitt Malleable Iron Co., Thompson & Crawford
McConway & Torley Co. (R. R. Castings, etc), 48th & A. V. R. R.
Pittsburgh Malleable Iron Co., 34th & Smallman, Pittsburgh, Pa.
Pressed Steel Car Co. (Car & Locomotive), 307 5th av
SHARON—National Malleable Castings Co. (Railroad, etc) (See Cleveland, O.)
STOWE—Flagg Stanley G. & Co. (See Phila., Pa.)
TEMPLE—Temple Malleable Iron & Steel Co. (Office: Phila., Pa.)

RHODE ISLAND.

HILLS GROVE—Rhode Island Malleable Iron Works (All Kinds)

TENNESSEE.

CHATTANOOGA—Ross-Meehan Foundries (Railroad)

VIRGINIA.

BASIC—Penn Foundry & Mfg. Co.

WEST VIRGINIA.

POINT PLEASANT—West Virginia Malleable Iron Co.

WISCONSIN.

BEAVER DAM—Western Malleables Co.
MILWAUKEE—Chain Belt Co.
Milwaukee Hay Tool Co., Layton Park
Milwaukee Malleable & Grey Iron Works, Layton Park
Northwestern Malleable Iron Co. (Agricultural, Car, etc), 756 Park
South Side Malleable Casting Co., 14th av & Ry Tracks
Wisconsin Malleable Iron Co. (Refined Air Furnace), South Bay
RACINE—Belle City Malleable Iron Co. (Railroad Castings, etc)
Lakeside Malleable Castings Co. (Agricultural, R. R., etc)
Racine Malleable & Wrought Iron Co. (Wrought Carriage & Saddlery Hardware & Casting, etc.)
SOUTH MILWAUKEE—Badger Malleable & Mfg. Co. (For All Purposes)
Stowell Co. The (Light Castings for All Purposes)
WAUKESHA—Waukesha Malleable Iron Co. (Farm Implements, Logging Tools, etc.)
WEST ALLIS—Federal Malleable Co. (Refined)

2175—Castings (Manganese Bronze)

Ajax Metal Co., 46 Richmond, Phila., Pa.
Allis-Chalmers Mfg Co., Milwaukee, Wis.
See adv index at end of book
AMERICAN MANGANESE BRONZE CO. ("Spare's," "Hy-Ten-Sl"), 3501 Rhawn, Phila., Pa.
Atkinson Co. (1,000 to 3,000 lbs.), Rochester, N. Y.
Blake Edwin J., Hartford, Conn.
Brown Bros., Stamford, Conn.
City Brass Foundry Co., 5318 St. Clair av, Cleveland, O.
Clayton & Lambert Mfg. Co., 205 Piquette av, E., Detroit, Mich.
Columbian Brass Foundry, Freeport, N. Y.
Cramp William & Sons Ship & Engine Building Co. (Parsons), Beach & Ball, Phila., Pa.
Crown Smelting Co., Chester, Pa.
Davenport Locomotive Wks., Davenport, Ia.
Denver Brass Works Co., Denver, Col.
Erie Specialty Co., 520 W 12th, Erie, Pa.
Eynon-Evans Mfg. Co., N 15th & Clearfield, Phila., Pa.
Federal Brass Works, 3100 S Kedzie, Chicago, Ill.
Germann Bronze Co., Erie, Pa.
Gilbert A. & Sons Brass Fdry. Co., 4019 Forest Park blvd, St. Louis, Mo.
Highton Wm. & Sons Co. ("Parsons"), Nashua, N. H.
Hoffman Bronze & Aluminum Castings Co., 1000 Addison rd, Cleveland, O.
Ideal-Die Casting Co., 756 Eddy, Providence, R. I.
Imperial Brass Mfg Co., 524 S Racine av, Chicago, Ill
See adv index at end of book
Keystone Bronze Co. (Highgrade), Pittsburgh, Pa.
Kokomo Brass Works, Kokomo, Ind.
Levett Walker M. Co., 417 E 23rd, New York
Light Mfg. & Foundry Co. ("Automobile"), Pottstown, Pa.
LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y.
See adv index at end of book
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McGee Jos. Iron & Brass Fdry. Co., 51 6th, Long Island City, N. Y.
Marion Machine, Foundry & Supply Co., Marion, Ind.
Maryand Brass & Metal Works, Guilford & Federal, Baltimore, Md.
More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.
Morgan Engineering Co., Alliance, O.
See adv index at end of book
Morris I. P. Co., cor. Beach & Ball, Phila., Pa.
National Bronze & Aluminum Fdry. Co., 2539 E 79th, Cleveland, O.
New London Marine & Iron Works, New London, Conn.

CASTINGS (MANGANESE BRONZE)—continued

North American Smelting Co., 9th & Thompson, Phila., Pa.
Oberdorfer M. L. Brass Co., 810 E Water, Syracuse, N. Y.
Parsons G. W. Co., Newton, Ia.
Pioneer Brass Works, Indianapolis, Ind.
Powell Wm. Co., Cincinnati, O.
Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.
Rider-Bagg Co., Springfield, Mass.
Rock Island Metal Foundry ("Parson's"), 505 41st, Rock Island, Ill.
Ryder Brass Foundry Co., Bucyrus, O.
Sherwood Brass Works, 1167 Jeff E, Detroit, Mich.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.
Williams E. A. & Son, 109 Plymouth, Jersey City, N. J.

2176—Castings (Manganese Steel)

American Manganese Steel Co. ("Amsco" & "Stag" Brand), 332 S Michigan av, Chicago, Ill.
American Steel Foundries, McCormick bldg, Chicago, Ill.
Bonney-Floyd Co., Columbus, O.
Brylgon Steel Casting Co. (High Manganese or other Special Grades), New Castle, Del.
Chicago Steel Foundry Co., 3701 S Kedzie av, Chicago, Ill.
Cincinnati Steel Castings Co., Queen City & Spring Grove avs, Cincinnati, O.
Columbia Steel Co., 503 Market, San Francisco, Cal.
Crucible Steel Casting Co., Landsdowne, Pa.
Frog Switch & Mfg. Co. ("Indian Brand"), Carlisle, Pa.
Hess Steel Corp'n, Penn R. R. & E av, Baltimore, Md.
Parsons G. W. Co., Newton, Ia.
Rogers C. E., 34 Beach, Boston, Mass.
Smith G. H. Steel Casting Co., 500 Clinton, Milwaukee, Wis.
St. Louis Steel Foundry, Hamburger & Kienlen av, St. Louis, Mo.
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.
Union Spring & Mfg. Co. (Tropenas Converter), New Kensington, Pa.
Warren Steel Casting Co., 4700 Fyler av, St. Louis, Mo.

2177— Castings (Marine)

Atlas Steel Casting Co. (Steel), Buffalo, N. Y.
Bayonne Casting Co., Bayonne, N. J.
Brown Bros., Stamford, Conn.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Cramp Wm. & Sons Ship & Engine Building Co., Beach & Ball, Phila, Pa.
Crown Smelting Co. (Brass), Chester, Pa.
Cureton Wm. & Sons, Lexington, Richland Co., O.
Eastwood Wire Mfg. Co., (Brass, Bronze, etc.), Belleville, N. J.
Frontier Iron Works, 36 Letchworth, Buffalo, N. Y.
Germann Bronze Co., Erie, Pa.
Great Lakes Engineering Works, Detroit, Mich.
Ironton Punch & Shear Co. (River Only), Ironton, O.
Keystone Bronze Co., Pittsburgh, Pa., and Hobart bldg, San Francisco, Cal.
Minneapolis Crucible Steel Co., 38th av N E & 5th, Minneapolis, Minn
Montague Iron Wks., Corn Exchange Bk. bldg, Chicago, Ill.
Morgan Engineering Co., Alliance, O.
See adv index at end of book
Penn Seaboard Steel Corp., Franklin Bk. bldg
Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.
Strong Steel Foundry Co. (Steel), Buffalo, N. Y.
Thacker Geo. H. & Co., Albany, N. Y.
Titanium Bronze Co., Inc., Niagara Falls, N. Y.
Vanadium Metals Co., Vanadium bldg., Pittsburgh, Pa.
Warren Steel Casting Co., 4700 Fyler av, St. Louis, Mo.
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.

2178— *Castings (Mining)

BUFFALO FOUNDRY & MACHINE CO.
65 Winchester av, Buffalo, N. Y.
See adv index at end of book

2179—Castings (Monel Metal)

WILLIAMS & CO. INC.
PITTSBURGH, PA.

Bayonne Casting Co., Bayonne, N. J.
Jefferson Brass Foundry, 209 King, B'klyn, N. Y.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
WILLIAMS & CO. INC., 221 Penn av, Pittsburgh, Pa.
See adv index at end of book

WILLIAMS & CO. INC.
PITTSBURGH, PA.

2179a— Castings (Nickel)

See also following headings
Williams & Co., Inc. (We can furnish Nickel Castings in weights from 1 to 20,000 lbs. A High Grade American Product. Prompt Delivery.) 220-26 Penn av, Pittsburgh
See adv index at end of book

2180—Castings (Nickel Bronze)

Brown Bros., Stamford, Conn.
Damascus Bronze Co. ("Damascus"), N S, Pittsburgh, Pa.
See adv index at end of book
Ideal-Die Casting Co., 756 Eddy, Providence, R. I.
Morgan Engineering Co., Alliance, O.
See adv index at end of book
Oberdorfer M. L. Brass Co., 810 E Water, Syracuse, N. Y.

2181—Castings (Nickel Steel)

American Steel Foundries, McCormick bldg, Chicago, Ill.
Bayonne Casting Co. (Nickel Only), Bayonne, N. J.
Bethlehem Steel Co., South Bethlehem, Pa.
Chicago Steel Foundry Co. (Non Corrosive), 3701 S Kedzie av, Chicago, Ill.
Columbia Steel Co., 503 Market, San Francisco, Cal.
Crucible Steel Casting Co., Landsdowne, Pa.
Malleable Iron Fittings Co., Branford, Conn.
MESTA MACHINE CO., Pittsburgh, Pa.
See adv index at end of book
Millbury Steel Foundry Co., Millbury, Mass.
Minneapolis Crucible Steel Co., 38th Av N E & 5th, Minneapolis, Minn.
Sivyer Steel Casting Co., Milwaukee, Wis.
Warren Steel Casting Co., 4700 Fyler av, St. Louis, Mo.

2182—Castings (Non-Corrosive Metal)

American Manganese Bronze Co., 3501 Rhawn, Phila., Pa.
Duriron Castings Co. ("Duriron"), Dayton, O.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.

Castings (Open-Hearth Steel)

See firms in Castings, Steel, with the words Open-Hearth following their names

2183— Castings (Ordnance)

American & British Mfg. Co., Charles, Providence, R. I.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Midvale Steel & Ordnance Co., Widener bldg, Phila., Pa.
Morgan Engineering Co., Alliance, O.
See adv index at end of book
Penn Seaboard Steel Corp., Franklin Bk. bldg, Phila., Pa.
Spuck Iron & Fdry. Co., 14th & Branch, St. Louis, Mo.

Castings (Ornamental Iron)

See Firms in Iron, Architectural & Ornamental, with a Star in front of their names

2183a—*Castings (Paper Mill)

LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y.
See adv index at end of book

2184—Castings (Phosphor Bronze)

Ajax Metal Co., 46 Richmond, Phila., Pa.
American Manganese Bronze Co., 3501 Rhawn, Philadelphia, Pa.
Anderson A. H. (Light & Heavy), 1213 Fulton, Chicago, Ill.
Atkinson Co. (1,000 to 5,000 lbs), Rochester, N. Y.
Atlas Brass Works, 431 Folsom, San Francisco, Cal.
Belfield H. Co., 435 N Broad, Phila., Pa.
Blake Edwin J., Hartford, Conn.
Bridgman Bros. Co., 1426 Wash'n av, Phila., Pa.
Bronze Metal Co., 30 Church, New York
Brown A. & F. Co., 79 Barclay, New York)
Brown Bros., Stamford, Conn.
Bunting Brass & Bronze Co., 738 Spencer, Toledo, O. *See adv index at end of book*
Clayton & Lambert Mfg. Co., 205 Piquette av, E. Detroit, Mich.
Crown Smelting Co., Chester, Pa.
DAMASCUS BRONZE CO. ("Damascus"), N S, Pittsburgh, Pa.
See adv index at end of book
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.
Davenport Locomotive Works, Davenport, Ia.
Denver Brass Works Co., Denver, Col.
Edna Brass Mfg. Co., Cincinnati, O.
Emory P. P. Mfg. Co., Springfield, Mass.
Erie Specialty Co., 520 W 12th, Erie, Pa.
Eureka Co., North East, Pa.
Exeter Brass Works, Exeter, N. H.
Eynon-Evans Mfg. Co., N 15th & Clearfield, Phila., Pa.
Federal Brass Works, 3100 S Kedzie, Chicago, Ill.
Fewlass-Leen Brass & Iron Co., 610 E Front, Cincinnati, O.
Germann Bronze Co., Erie, Pa.
Gilbert A. & Sons Brass Fdry. Co., 4019 Forest Park bl, St. Louis, Mo.
Great Lakes Brass Foundry, Bay City, Mich.
Grote F. Mfg. Co., Evansville, Ind.
Hackett Bros., 242 Lillibridge, Detroit, Mich.
Higgins & Co., Holyoke, Mass.
Hoban Brass Foundry Co., Dayton, O.
Hoffman Bronze & Aluminum Castings Co., 1000 Addison rd, Cleveland, O.
Ideal-Die Casting Co., 756 Eddy, Providence, R. I.
Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill. *See adv index at end of book*
Keystone Bronze Co., Pittsburgh, Pa.
Krouse Geo. (Heavy), 150 Morgan, Jersey City, N. J.
Leslie Co., Lyndhurst, N. J.
Light Mfg. & Foundry Co., Pottstown, Pa.
LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y.
See adv index at end of book
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McHatton Foundry Co., 1500 Washington av, Phila., Pa.
Maryland Brass & Metal Works, Guilford & Federal, Baltimore, Md.
Messmer Fred Mfg. Co., 2700 S 7th, St. Louis, Mo.
Moran Flexible Steam Joint Co., Louisville, Ky.
More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.
Morgan Engineering Co., Alliance, O.
See adv index at end of book

National Bronze & Aluminum Foundry Co., 2539 E 79th, Cleveland, O.
New Brunswick Iron Works, New Brunswick, N. J.
Newell Fred E., Central Falls, R. I.
North American Smelting Co., 9th & Thompson, Phila., Pa.
Oberdorfer M. L. Brass Co., 810 E Water, Syracuse, N. Y.
Parsons G. W. Co., Newton, Ia.
Phosphor Bronze Smelting Co., 2200 Washington av, Phila., Pa.
Pioneer Brass Works, Indianapolis, Ind.
Pittsburgh Brass Mfg. Co., Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Powell Wm. Co., Cincinnati, O.
Prier Brass Mfg. Co., Kansas City, Mo.
Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.
Remington Machine Co., 411 E Front, Wilmington, Del.
Richardson Edro Brass Co., 318 N Holliday, Baltimore, Md.
Rider-Bagg Co., Springfield, Mass.
Rock Island Metal Foundry, 505 41st, Rock Island, Ill.
Rogers C. E., 34 Beach, Boston, Mass.
Ryder Brass Foundry Co., Bucyrus, O.
St. Cloud Iron Works Co., St. Cloud, Minn.
Seymour Mfg. Co., Seymour, Conn.
Sherwood Brass Works, 1167 Jefferson E, Detroit, Mich.
Titanium Bronze Co., Inc., Niagara Falls, N. Y.
Titanium Bronze Co., Niagara Falls, N. Y.
Trefethen D. A., Taunton, Mass.
Turner & Seymour Mfg. Co., Torrington, Conn.
Union Brass Foundry Co., Lowell, Mass.
Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.
Ward & Williams, Hancock, Mich.
Watson, Frye & Co., Bath, Me.
Wellman Bronze Co. (Medium & Heavy), 6017 Superior av, Cleveland, O.
Williams E. A. & Son, 109 Plymouth, Jersey City, N. J.

2185—*Castings (Puddled Semi-Steel)

LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

2185a— Castings (Pulley)

GERDES & CO., 42 Church, New York
See adv index at end of book

2186— *Castings (Railroad)

See also Castings, Aluminum; Castings, Brass & Bronze; Castings, Copper; Castings, Gray Iron; Castings, Gun Metal; Castings, Malleable Iron; Castings, Phosphor Bronze; Castings, Steel; Machinists & Founders
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
Morgan Engineering Co., Alliance, O.
See adv index at end of book
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
STRONG STEEL FOUNDRY CO., Buffalo, N. Y.
Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

2187—Castings (Rock Crusher)

American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
American Road Machinery Co., Kennett Sq., Pa.
Atlas Steel Casting Co. (Steel), Buffalo, N. Y.
Bethlehem Steel Co. ("Manard" Steel), So. Bethlehem, Pa.
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Bonney-Floyd Co. (Manganese & Various Corbon & Alloy Steel), Columbus, O.
Brunner Foundry & Mfg. Co., Peru, Ill.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Chester Steel Castings Co., Chester, Pa.
Green's Car Wheel Mfg. Co. (Chilled), 3018 N B'way, St. Louis, Mo.
Parsons G. W. Co., Newton, Ia.
St. Louis Steel Foundry (Manganese Steel), Hamburger & Kienlen av, St. Louis, Mo.
Stearns-Roger Mfg. Co., Denver, Colo.
Steele & Condict (Also for Elevators & Screens), 74 Pearl, Jersey City, N. J.
Strong Steel Foundry Co. (Steel), Buffalo, N. Y.
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.
Union Steel Casting Co., Pittsburgh, Pa.
United Iron Works Co., Kansas City, Mo.
Warren Steel Casting Co., 4700 Fyler av, St. Louis, Mo.
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.

2188—Castings (Rolling Mill & Furnace)

See also Machinery, Rolling Mill; also Rolls, Sand, Chilled & Steel
American Foundry & Construction Co., 2d av & Longworth, Pittsburgh, Pa.
American Manganese Steel Co. ("Amsco" & "Stag" Brand, Manganese Steel), 332 S Michigan av, Chicago, Ill.
American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.
Best Mfg. Co., A. & 1st, Pittsburgh, Pa.
Bethlehem Steel Co., South Bethlehem, Pa.
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Bonney-Floyd Co. (Open-Hearth, Converter & Crucible Steel), Columbus, O.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Cooper C. & G. Co., Mt. Vernon, O.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Hyde Park Fdry. & Mach. Co., Hyde Park, Pa.
Ironton Punch & Shear Co., Ironton, O.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book
Keystone Bronze Co., Pittsburgh, Pa.
Marshall Foundry Co.,, 28th, Pittsburgh, Pa.
Massillon Iron & Steel Co., Massillon, O.
Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book
More-Jones Brass & Metal Co. (Bronze), Broadway & Dock, St. Louis, Mo.
Morgan Engineering Co., Alliance, O.
See adv index at end of book
National Roll & Foundry Co., Avonmore, Pa.
Newbold R. S. & Son Co. (Heavy), Norristown, Pa.
Penna. Engineering Works, New Castle, Pa.
Philadelphia Roll & Machine Co., 25th & Wash'n av, Philadelphia, Pa.
Reading Iron Co., Reading, Pa.
Rosedale Foundry & Machine Co., Columbus & Preble, Pittsburgh, Pa.
Sharon Foundry Co., Wheatland, Pa.
Sterritt-Thomas Foundry Co., 32d & Smallman, Pittsburgh, Pa.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
Treadwell M. H. Co. of Illinois, 208 S. La Salle, Chicago, Ill.
Union Steel Casting Co., Pittsburgh, Pa.
United Engineering & Fdry Co., 307 5th av, Pittsburgh, Pa.
Velte Foundry & Machine Co., Mars, Pa.
Vogt Bros. Mfg. Co., Louisville, Ky.
See adv index at end of book
Weimer Machine Works Co., Lebanon, Pa.
Wheeling Mold & Fdry Co., Wheeling, W. Va.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book
Youngstown Foundry & Machine Co., Youngstown, O.

2189— Castings (Semi-Steel)

Albany Malleable Iron Co., Albany, N. Y.
Allyne-Ryan Foundry Co., Aetna rd & E 91st, Cleveland, O.
Atlantic Fdry. Co., Akron, O.
American Clay Machinery Co. (Medium & Heavy), Willoughby, O.
Arcade Malleable Iron Co., Worcester, Mass.
Avery B. F. & Sons (Plain or Machine) Louisville, Ky.
Ball Engine Co. (Up to 20 Tons), Erie, Pa
Barker Jas., 6th & Cayuga, Phila., Pa.
Bethlehem Foundry & Machine Co. South Bethlehem, Pa.
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Birmingham Iron Foundry (Heavy), Derby, Conn.
Brady Jas. A. Foundry Co., 35th & Ashland av, Chicago, Ill.
BUFFALO FOUNDRY & MACHINE CO. (Up to 200 Tons), 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*
Centre Fdry & Machine Co., Wheeling, W. Va.
Chain Belt Co., Milwaukee, Wis.
Chalmers Mfg. Co., Lima, O.
Chrisman Foundry Co., Morgantown, W. Va.
City Foundry Co. (Up to 50 Tons), Cleveland, O.
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
Cumberland Fdry. & Mfg. Co., Nashville, Tenn.
Cureton Wm. & Sons, Lexington, Richland Co., O.
Davenport Locomotive Wks., Davenport, Ia.
Davison-Namack Fdry. Co., Ballston Spa, N. Y.
Eastern Malleable Iron Co., Naugatuck, Conn.
FARRAR & TREFTS, INC. (Up to 80,000), Buffalo, N. Y.
Farrel Foundry & Machine Co. (Heavy), Ansonia, Conn.
Ferguson & Lange Foundry Co., Clybourne av & Willow, Chicago, Ill.
Francis & Nygren Foundry Co. (For Ammonia Castings, Smelting & Acid Kettles, Gears, etc), 2542 Fillmore, Chicago, Ill.
G. & C. Foundry Co., Sandusky, O.
Gillie Machine Co., Tonawanda, N. Y.
Greenville Iron Works, Greenville, S. C.
Grote F. Mfg. Co., Evansville, Ind.
Gustafson Mfg. Co., Chattanooga, Tenn.
Hammer & Co., Branford, Conn.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Hopes Combustion Engng. Co., Glens Falls, N. Y.
Huntington Mach. & Fdry. Co. (Light & Heavy), Huntington, Ind.
Independent Foundry Co., Portland, Ore.
Interstate Foundry Co., E 61st & Erie R. R., Cleveland, O.
Jackson & Church Co., Saginaw, Mich.
Kahl Iron Foundry, 537 Atwater, E Detroit, Mich.
Kennedy-Stroh Corp'n, Pittsburgh, Pa.
Kugler & Shane, Woodall & Clement, Baltimore, Md.
Lehigh Foundry Co. (Up to 50 Tons), Fullerton, Pa.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
Lorain Casting Co. (Up to 40,000 lbs.), Lorain, O.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McLain's System, Milwaukee, Wis.
McKim Foundry & Machine Co., Lockport, N. Y.
Malleable Iron Fittings Co. (Homogenous Metal), Branford, Conn.
Marion Machine Foundry & Supply Co., Marion, Ind.
Morgan Engineering Co., Alliance, O.
See adv index at end of book
Muncie Foundry & Machine Co., Muncie, Ind.
Nazareth Foundry & Machine Co., Nazareth, Pa.
Pittsburgh Valve Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Reliance Foundry Co., Richmond, Ind.
Ripley Foundry & Machine Co., Ripley, O.
Rosedale Foundry & Machine Co., Preble, Pittsburgh, Pa.
Ross-Meehan Foundries (Railroad), Chattanooga, Tenn.
St. Cloud Iron Works Co., St. Cloud, Minn.
Santa Fe Foundry Co., Richmond, Cal.
Baker Mfg. Corp., Saratoga Springs, N. Y.
Spuck Iron & Fdry. Co., 14th & Branch, St. Louis, Mo.
Standard Engineering Co., Elwood City, Pa.
Superior Foundry Co., Cleveland, O.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
THROPP'S JOHN E. SONS CO., ft of Lewis, Trenton, N. J.
See adv index at end of book
Toledo Ship Building Co., Toledo, O.
Tomahawk Steel & Iron Works, Tomahawk, Wis.
United Engineering & Fdry. Co., 307 5th av, Pittsburgh, Pa.

CASTINGS (ROCK CRUSHER)—continued
United Iron Works Co., Kansas City, Mo.
Valley Iron Works, Williamsport, Pa.
Vogt Brothers Mfg. Co., Louisville, Ky.
See adv index at end of book
Walker Foundry Co., Erie, Pa.
Waltham Foundry Co., Waltham, Mass.
West Allis Iron Works, West Allis, Wis.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.
Wilmington Malleable Iron Works of Eastern Malleable Iron Co., Wilmington, Del
Wollaston Foundry Co., Wollaston, Mass.

2190— Castings (Settee)

National Malleable Castings Co., 7706 Platt av, S E, Cleveland, O.

2190a— Castings (Ship)

Wharton Wm. Jr. & Co., Inc., Easton, Pa.

2191—*Castings (Sidewalk & Vault Light)

ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book

2191a— Castings (Silver)

IDEAL-DIE CASTING Co., 756 Eddy, Providence, R. I.
Owren Casting Co., Attleboro, Mass.

2191b—*Castings (Stamp Mill)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

Castings (Steam Fitters')

See Fittings, Various Kinds

2192— Castings (Steel)

This List is Duplicated under Head of Machinists & Founders

ALABAMA.

ALABAMA CITY—Gulf States Steel Co. (See Birmingham, Ala.)
BIRMINGHAM—Gulf States Steel Co. Works: Alabama City
WOODWARD—Woodward Iron Co.

CALIFORNIA.

OAKLAND—Best C. L. Gas Traction Co.
OXNARD—Dunn Mfg. Co.
PITTSBURG—Columbia Steel Co. (See San Francisco)
REDONDO BEACH—Warman Steel Casting Co.
SAN FRANCISCO—Alaska Treadwell Gold Mining Co.
Columbia Steel Co. (Acid & Bash Open Hearth), 503 Market. (Works: Pittsburg, Cal.)
Enterprise Foundry Co., 320 Fremont
Stroh Steel Hardening Process Co., Hobart bldg.
Union Iron Works Co. (Tropenas, for Co.'s Own Use), 20th & Michigan
STOCKTON—Samson Iron Works (Crucible)

COLORADO.

DENVER—Colorado Fuel & Iron Co. (Bessemer & Open Hearth, for Company's Own Use)

CONNECTICUT.

BRANFORD—Hammer & Co.
Malleable Iron Fittings Co. (Low Carbon & Tropenas)
COLLINSVILLE—Collins Co. (Crucible, All Consumed by the Company)
HARTFORD—Conecticut Electric Steel Co., 540 Flatbush av.
NEW HAVEN—Penn Seaboard Steel Corp. (See Phila., Pa.)

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER

DELAWARE.

NEW CASTLE—American Manganese Steel Co. ("Amsco" & "Stag" Brand, Manganese Steel), Main Office: Chicago, Ill.
Boldt Steel Co.
Brylgon Steel Casting Co (Manganese Steel, Gear Blanks, Motor Frames, Connecting Rods, Crankshafts, Governor Arms)
Deemer Steel Casting Co (1 to 10,000 lbs)
Penn Seaboard Steel Corp. (See Phila., Pa.)
WILMINGTON—Lobdell Car Wheel Co. (Open Hearth, 1 lb. to 10 tons) G, nr Christiana

DISTRICT OF COLUMBIA.

WASHINGTON—Firth-Sterling Steel Co., Giesboro Point
Naval Gun Factory, U. S. Naval Yard (Tropenas)

FLORIDA.

TAMPA—Tampa Foundry & Machine Co.

ILLINOIS.

BRADLEY — Bradley David Machine Works
CHICAGO—American Steel Foundries (Open Hearth Up to Any Weight), McCormick bldg
Buchanan Electric Steel Co., 80 E Jackson bl (Works: Buchanan, Mich.)
Burnside Steel Co., Railway Exch.
Chicago Malleable Castings Co., 120th & Racine av
Chicago Steel Foundry Co. (High Manganese & High Carbon Crucible; also Magnetic for Electrical Purposes), 3701 S Kedzie av
Crane Co. (Est. 1855) (Soft Zenzes), 836 S Michigan av
For branch offices see Alphabetical Section
LINK-BELT CO. (Zenzes Converter), 39th & Stewart av
See adv index at end of book
National Car Coupler Co. (Acid Open Hearth, Up to 20 Tons), 332 S Michigan av. Works: Attica, Ind.
Pettibone, Mulliken & Co., 140 S Dearborn
Railway Steel Spring Co., 108th & Watt av
Western Steel Car & Foundry Co. (Basic Open Hearth Car & Railroad), People's Gas bldg.
EAST ST. LOUIS—American Steel Foundries (Crucible, Acid Open Hearth, Up to Any Weight). Main Office: Chicago, Ill.
GRANITE CITY—American Steel Foundries (Acid, Open Hearth & Crucible, Up to Any Weight). Main Office: Chicago, Ill.)
Commonwealth Steel Co. (Basic Open Hearth). Office: St. Louis
JOLIET—Illinois Steel Co. (See Chicago, Ill.)
MELROSE PARK—National Malleable Castings Co. (See Cleveland, O.)

INDIANA.

ATTICA—National Car Coupler Co. (See Chicago, Ill.)
EAST CHICAGO—Hubbard Steel Foundry Co.
EVANSVILLE—Evansville Tool Works
INDIANA HARBOR—American Steel Foundries (Acid, Open Hearth, Car, Locomotive & Other Steel Castings). Office: Chicago, Ill.
Inland Steel Co. (See Chicago)
LAWRENCEBURG—Cook Aug. D.
MICHIGAN CITY—Haskell & Barker Car Co.
MONTPELIER—National Steel Casting Co. (Acid & Basic Open Hearth Car Couplers, Knuckles & General Castings)
MUNCIE — Whiteley Malleable Castings Co. ("Whiteley's Cromon," for Automobiles, Pneumatic Tools, Gas Engines, etc)
Whitely Steel Co. (High Grade, Small)
SOUTH BEND—Oliver Chilled Plow Works (Crucible, all Consumed in Their Works)
South Bend Chilled Plow Co.
TERRE HAUTE—Inland Steel Casting Co.

IOWA.

BETTENDORF—Bettendorf Co. (Basic Open Hearth)
CHARLES CITY—Hart-Parr Co.
DES MOINES—Pittsburgh-Des Moines Steel Co. (See Pittsburgh, Pa.)
See adv index at end of book
NEWTON—Parsons G. W. Co. (Crucible & Manganese)

LOUISIANA.

MANSFIELD—De Soto Foundry & Machine Co. (Ltd.)
NEW ORLEANS—Dibert, Bancroft & Ross Co., Ltd., Tulane & Hagan av
Whitney Iron Works Co., 849 Tehoupitoulas

MARYLAND.

BALTIMORE—Baltimore Malleable Iron & Steel Casting Co., So. Charles & Wells
ELLICOTT MACHINE CORP., Bush & Severn
See adv index at end of book
Kennedy's P. Foundry Co. cor. Charles & Wells
ELKTON—Powers James F. Foundry Co
SPARROW POINT—Maryland Steel Co.

MASSACHUSETTS.

BOSTON—Eastern Steel Casting Co. (Crucible), 30 Kemble
CHELSEA—Connolly Steel Casting Co.
LYNN—**GENERAL ELECTRIC CO.** (Acid, Open Hearth & Crucible)
See adv index at end of book
MILLBURY—Millbury Steel Foundry Co. (Crucible, 1 to 1000 lbs)

MICHIGAN.

ADRIAN—Adrian Steel Casting Co. (Crucible Steel for Light Machinery a Specialty)
BUCHANAN—Buchanan Electric Steel Co. (See Chicago, Ill.)
DETROIT—Buhl Malleable Co.
Detroit Steel Casting Co. (Robert Bessemer & Acid Open Hearth, Up to 20 Tons)
Michigan Steel Casting Co., 248 Guoin
Monarch Steel Castings Co. (Acid Open Hearth)
Swedish Crucible Steel Co. ("Pyro" Crucible), Butler & Grand Trunk R. R.
HOUGHTON—Carroll Foundry Co. (Modified Tropenas)
KALAMAZOO—Reed Foundry & Machine Co. (Crucible for Automobiles, Machinery, etc.)
MONROE—Monroe Steel Castings Co. (Crucible Up to 10,000 lbs.)
MUSKEGON—West Michigan Steel Fdry Co.
NORTHVILLE—American Bell & Foundry Co.
SAGINAW—Fair S. & Son (Crucible)

MINNESOTA.

MINNEAPOLIS—
Minneapolis Crucible Steel Co., 38th av N. E. & 5th
See adv index at end of book
Twin City Rapid Transit Co. (For Own Use Only), 11th & Hennepin av
Western Crucible Steel Casting Co., 2843 Pleasant av
ST. PAUL—American Hoist & Derrick Co., 63 S Robert
Twin City Lines (For Own Use Only)

MISSOURI.

ST. LOUIS—American Steel Foundries (Acid Open Hearth & Crucible Up to Any Weight), Main Office, Chicago, Ill.
Commonwealth Steel Co. (Basic Open Hearth), Pierce bldg. Works: Granite City, Ill.
St. Louis Car Co. (Car), 8000 N. B'way.
St. Louis Steel Foundry (5 to 10,000 lbs.), Hamburg & Kienlen av
Scullin Steel Co. (Basic Open Hearth, up to 60,000 lbs.), 6700 Manchester av
Warren Steel Casting Co. (Crucible, from 1 lb. up to 1,000), 4700 Fyler av
WEBB CITY—Webb City & Carterville Foundry & Machine Works

NEW JERSEY.

BAYONNE—Bayonne Steel Casting Co. (Carbon, Crucible, Nickel, Vanadium, etc.)
BURLINGTON—Devlin Thomas Mfg. Co. (See Phila, Pa.)
CHROME—Chrome Steel Works (Acid & Basic Open Hearth & Crucible)
HOBOKEN—Union Iron Works
MAHWAH—American Brake Shoe & Foundry Co. (Works: New Castle, Del., & Chicago, Ill.)
NEWARK—Riverside Steel Casting Co. (Crucible, 1 to 2000 lbs.)
TRENTON—Trenton Malleable Iron Co.

NEW YORK.

BUFFALO—Acme Steel & Malleable Iron Wks., 245 Military Rd
Atlas Steel Casting Co. (Acid Open Hearth up to 30,000 lbs.)
BUFFALO FOUNDRY & MACHINE CO. (Up to 200 Tons), 65 Winchester av. *See adv index at end of book*
Jewell Steel & Malleable Co. (Carbon)
Pratt & Letchworth Co. (Acid Open Hearth)
STRONG STEEL FOUNDRY CO. (Acid Open Hearth Any Weight up to 20,000 lbs. for Any Purpose)
Taylor W. P. Co., Ellicott sq
DEPEW—Gould Coupler Co. (Basic Open Hearth)

NEW YORK CITY.

Boroughs of Manhattan and Bronx.

BROOKLYN—U. S. Navy Yard (For Own Use Only)
American Bridge Co. (Acid & Basic Open Hearth), 30 Church, New York
NEW YORK—**ALLOY STEEL PRODUCTS CORP.**, 30 Church, New York
See adv index at end of book
American Steel Foundries (Acid Open Hearth, Crucible up to Any Weight), Hudson Terminal bldg
Boker H. & Co., Inc., Imp., 101 Duane
Gould Coupler Co. (Basic Open Hearth), 30 E 42nd. Works: Depew, N. Y.
Johnson Isaac G. & Co. (Acid Open Hearth, Tropenas, Steel Castings & Special Electric Metal of High Permeability), Spuyten Duyvil
Long E. G. Co., 50 Church
Newport News Shipbuilding & Dry Dock Co. (Tropenas), 233 Broadway, Works: Newport News, Va.

Borough of Queens.

LONG ISLAND CITY—Steinway & Sons

(End of New York City)

OLEAN—Clark Bros. Co.

OHIO.

AKRON—**ADAMSON MACHINE CO.**
See adv index at end of book
Atlantic Foundry Co., Akron, O.
ALLIANCE—American Steel Foundries (Acid Open Hearth & Crucible, up to any weight), Main Office, Chicago, Ill.
Morgan Engineering Co. (Open Hearth)
See adv index at end of book
BELLAIRE—Carnegie Steel Co. (Office: Pittsburgh, Pa.)
CANTON—Canton Steel Foundry Co.
CINCINNATI—Cincinnati Steel Castings, Queen City & Springgrove av
CLEVELAND—American Steel & Wire Co. (Acid and Basic Open Hearth, for the company's own use), Western Reserve bldg
See adv index at end of book
Cleveland Steel Casting Co. (Acid Open Hearth, Heavy)
Crucible Steel Casting Co. (Steel & Alloyed Steel)
National Malleable Castings Co. (Open Hearth & Electric), 7706 Platt av S. E.
Otis Steel Co. (Acid & Basic Open Hearth, from 1 to 150,000 lbs.), Leader-News bldg
Standard Steel Castings Co. (From 1 to 100 lbs), 3311 W 73d
Wellman-Seaver-Morgan Co. (Basic Open Hearth)
COLUMBUS — Bonney-Floyd Co. (Open Hearth, Converter & Crucible Manganese & Various Carbon & Alloy Steels)
Buckeye Steel Castings Co. (Cast Steel Railroad Specialties Only)
Columbia Steel Co., 10th & Johnson, Portland, Ore.
Ohio Malleable Iron Co., 961 N Fourth
DAYTON—Dayton Steel Foundry Co. (Electric)
Joyce-Cridland Co.
HUNTINGTON—Huntington Steel Fdry. Co.
LIMA—Ohio Steel Foundry Co. (Acid & Basic Open Hearth & Vanadium)
LORAIN—National Tube Co.
Chalmers Mfg. Co.
MASSILLON—Massillon Steel Casting Co.
MIDDLETOWN — American Rolling Mill Co.
MONTPELIER—Wingert Foundry & Furnace Co.
SANDUSKY—Farrell-Cheek Steel Foundry Co. (Small, up to 2000 lbs)
SPRINGFIELD — Blackwood Steel Foundry Co.
STEUBENVILLE—La Belle Iron Works (Basic Open Hearth, General Mill Castings)
TOLEDO—Toledo Steel Casting Co.
WELLSVILLE—Menough Foundry Co.

OREGON.

PORTLAND—Columbia Steel Co. (See San Francisco, Cal.)

PENNSYLVANIA.

AMBRIDGE—American Bridge Co. (See Pittsburgh, Pa.)
BIRDSBORO—Birdsboro Steel Foundry & Machine Co. (Acid Open Hearth)
BRACKENBRIDGE—Allegheny Steel Co. (See Pittsburgh, Pa.)
BRADDOCK — Braddock Manufacturing Co.
Sterling Steel Foundry Co. (Acid Open Hearth)
BURNHAM—Standard Steel Works Co. (See Phila., Pa.)
CHESTER — American Steel Foundries (Acid Open Hearth & Crucible up to any Weight). Main Office: Chicago, Ill.
Atlantic Steel Casting Co. (Open Hearth Steel up to 300 lbs.)
Chester Steel Castings Co. (Open Hearth, any weight up to 60,000 Pounds). Office: Phila., Pa.
Federal Steel Foundry Co. (Acid Open Hearth for Machinery, Engines, Ships, Locomotives, etc)
Keystone Steel Castings Co.
Penn Steel Castings & Machine Co.
Penn Seaboard Steel Corp. (See Phila.)
Seaboard Steel Casting Co.
CORAOPOLIS—Duquesne Steel Foundry Co. (See Pittsburgh)
CRUM LYNNE—Eagan-Rogers Steel & Iron Co. (Converter, up to 200 lbs)
EASTON — Treadwell Engineering Co. (Electric Furnace.)
WHARTON WM. JR. & CO., INC.
ERIE—National Fdry. Co. (Acid Open Hearth, Railroad Machinery & Castings)
FRANKLIN — American Steel Foundries (Acid Open Hearth & Crucible. up to any Weight). Main Office: Chicago, Ill.

When writing to firms whose names appear in this book please mention
HENDRICKS' COMMERCIAL REGISTER.

GLASSPORT—Pittsburgh Steel Foundry Co. (Acid Open Hearth, up to 60,000 lbs). Office: Pittsburgh, Pa.
GROVETON—Lewis Foundry & Machine Co. (See Pittsburgh, Pa.)
HOMESTEAD—Carnegie Steel Co. (See Pittsburgh, Pa.)
Mesta Machine Co.
JOHNSTOWN—Cambria Steel Co. (Open Hearth), Main office, Phila., Pa.
Lorain Steel Co.
Suppes Forge & Foundry Co.
LANCASTER—Carbon Steel Casting Co. (Annealed)
LANSDOWNE—Crucible Steel Casting Co. (Crucible Automobile & Machy. Castings, 1 to 2,000 lbs)
LEBANON—**LEBANON GEAR & MACHINE WORKS**, 17th & Forge
See adv index at end of book
Lebanon Steel Foundry (High Carbon Crucible)
McKEESPORT—Firth-Sterling Steel Co.
Fort Pitt Steel Casting Co. (Small Castings)
McKEES ROCKS—Fort Pitt Malleable Iron Co. (Miscellaneous Open Hearth)
Pressed Steel Car Co. (See Pittsburgh, Pa.)
MEADVILLE—Phoenix Iron Works Co., Yost G. M. Mfg. Co.
MIDLAND—Pittsburgh Iron & Steel Foundries Co. (Medium & Large)
NEW BRIGHTON — Damascus Crucible Steel Casting Co. (Crucible)
NEW KENSINGTON—Union Spring & Mfg. Co.
PHILADELPHIA—American Bridge Co., Widener bldg
Chester Steel Castings Co. (Acid Open Hearth & Cementation Steel Castings), 407 Sansom
Cramp Wm. & Sons Ship & Engine Bldg. Co., Beach & Ball
Devlin Thos. Mfg. Co., Lehigh & 3rd. (Works: Burlington, N. J.)
Flagg Stanley G. & Co., Morris bldg. (Works: Pottstown)
LINK-BELT CO., Hunting Park av & P. & R. Ry
See adv index at end of book
Midvale Steel & Ordnance Co. (all kinds of sizes), Widener bldg.
Morris I. P. Co., Beach & Ball
Penn Seaboard Steel Corp., Franklin Bk. bldg
PHILADELPHIA ROLL & MACHINE CO., 25th & Washington av
Phoenix Iron Co. (Open Hearth, for Self-Consumption), (22 S 15th. Works: Phoenixville, Pa.
Standard Steel Works Co. (Acid Open Hearth), Morris bldg. Works: Burnham, Pa.
Temple Malleable Iron & Steel Co., Harrison bldg. Works: Temple, Pa.
PHOENIXVILLE—Phoenix Iron Co. (See Phila., Pa.)
PITTSBURGH—Allegheny Steel Co. (Small Basic Open Hearth), Oliver bldg. Works: Brackenridge, Pa.
American Bridge Co.
American Steel Foundries (Open Hearth, up to Any Weight), Main Office: Chicago, Ill.
Duquesne Steel Foundry Co. (Acid Open Hearth & Tropenas), Arrott bldg. Works: Corapolis, Pa.
Garrison A Foundry Co., 901 Bingham
Kennedy-Stroh Corp'n (Stroh Steel Hardening Process Dept & Lawrence Dept)
Lawrence Steel Casting Co. (Open Hearth), A. V. R. R. & 32d
Lewis Foundry & Machine Co. Works: Groveton, Pa.

PENNSYLVANIA—PITTSBURGH—cont'd
Mackintosh, Hemphill & Co. (Acid Open Hearth, up to 160,000 lbs)
McConway & Torley Co. (Acid Open Hearth), 48th & A. V. R. R.

STEEL CASTINGS

Acid Open Hearth Nickel, Vanadium Special Alloy or Semi-Steel (Any Carbon)

Mesta Machine Company

PITTSBURGH, PA., U. S. A.

Pittsburgh Iron & Steel Foundries Co., 313 6th av
Pittsburgh Steel Foundry (Acid & Basic Open Hearth, Up to 60,000 lbs), House bldg. Works: Glassport, Pa.
Pressed Steel Car Co. (Basic Open Hearth, Car & Railroad), 307 5th av. Works: McKees Rocks, Pa.
Reliance Steel Casting Co. (Up to 20 Tons), 28th & Smallman
Union Steel Casting Co. (Acid Open Hearth)
United Engineering & Foundry Co. (Acid Open Hearth, All Weights), 307 5th av
Verona Steel Castings Co.
POTTSTOWN—Bramcote Foundry & Machine Co.
Flagg Stanley G. & Co. (See Phila.)
READING—Reading Steel Casting Co. (Tropenas)
SHARON—American Steel Foundries (Acid Open Hearth & Crucible up to Any Weight). Main Office, Chicago, Ill.
National Malleable Castings Co. (Open Hearth). (Office, Cleveland, O.)
SOUTH BETHLEHEM—Bethlehem Steel Co.
SWISSVALE—Union Switch & Signal Co. (Mild Steel)
TEMPLE—Temple Malleable Iron & Steel Co. (Office, Phila., Pa.)
VANDERGRIFT—United Engineering & Fdry Co. (See Pittsburgh, Pa.)
VERONA—Verona Steel Castings Co.
WHEATLAND — Sharon Foundry Co. (Acid Open Hearth)
WILKES-BARRE — Vulcan Iron Works, (Open Hearth)

RHODE ISLAND.

HILLSGROVE—Rhode Island Malleable Iron Works

TENNESSEE.

CHATTANOOGA—American Brake Shoe & Foundry Co.
Walsh & Weidner Boiler Co
See adv index at end of book

TEXAS.

EL PASO—El Paso Foundry & Machine Co.
LONGVIEW—Kelly G. A. Plow Co.

VIRGINIA.

BASIC—Penn Foundry & Mfg. Co.
NEWPORT NEWS—Newport News Ship Building & Dry Dock Co. (Tropenas). Office, New York

WASHINGTON.

HOQUIAM—Gray's Harbor Iron &.Steel Co
SPOKANE—Armstrong Machinery Co.
TACOMA—Puget Sound Iron & Steel Works

WEST VIRGINIA.

WHEELING—National Tube Co. (See Pittsburgh, Pa.)
Wheeling Mold & Foundry Co. (Acid Open Hearth)
Wheeling Steel Casting Co.
Whitaker-Glessner Co. (Basic Open Hearth for Own Use)

WISCONSIN.

FORT ATKINSON — Creamery Package Mfg. Co.
MILWAUKEE—Bay View Steel Casting Co., 132 So. Bay
Chain Belt Co. (Crucible),
Crucible Steel Casting Co. (Crucible, up to 1,200 lbs.), 612 Clinton
Electric Steel Castings Co. (Electric), 64th and R. R.
Falk Co. (Acid Open Hearth), Ft. 30th
Maynard Steel Foundry Co. (Crucible), 716 Reed
Milwaukee Steel Foundry Co. (Special Converter Steel Castings), 101 S Water
National Steel Foundries (Acid Open Hearth, up to 40,000 lbs.), Belleview pl and Larkin
Sivyer Steel Casting Co. (Electric), 37th av & Mitchell
Smith Geo. H., Steel Casting Co. (Special Converter Steel Castings), 500 Clinton
Standard Crucible Steel Casting Co., 719 30th
Wehr Steel Co., 45th and Gordon av, Milwaukee, Wis.
RACINE—Belle City Malleable Iron Co.
Racine Steel Castings Co.
SOUTH MILWAUKEE—Bucyrus Co. (Basic Open Hearth)
WEST ALLIS—Gerlinger Steel Casting Co. (Crucible for Auto, Electric Mining Machinery, etc.)
Wehr Steel Co. (Crucible)

Castings (Stone Crusher)

See Castings, Rock Crusher

2193—*Castings (Sugar House)

See also Castings, Chemical

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

2193a— Castings (Tractor)

Ferro Machine & Fdy. Co. (Gray Iron), E 66th & Hubbard av, Cleveland, O.

2194— Castings (Tubal Bronze)

Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.

2195—*Castings (Vacuum Pan)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

2196—Castings (Vanadium Bronze)

Brown Bros., Stamford, Conn.
Highton Wm. & Sons Co., Nashua, N. H.
McGee Jos. Iron & Brass Fdry. Co., 51 6th, Long Island City, N. Y.
Russell Fdry & Mach. Works, 51 6th, Long Island City, N. Y.

2197—Castings (Vanadium Iron)

Barker Jas., 6th & Cayuga, Phila., Pa.
Capitol Foundry Co. (Specialties, Auto Cylinder, Marine & Gas & Gasoline Motor Castings), Hartford, Conn.
Dixon H. L. Co. (Specialty Glass Bottle Molds), Rosalyn rd, Pittsburgh, Pa.
Du Bois Foundry Co. (Specialties, Piston Rings & Small Cylinders), Cold Spring, N. Y.
Early W. J. & Sons (Ltd.) (Glass Molds a Specialty), 812 Sarah, Pittsburgh, Pa.
Kelly Nicholas & Son (Glass Molds a Specialty), 1704 Wharton, Pittsburgh, Pa.
Manufacturers Foundry Co. (Specialty Auto Cylinders), Waterbury, Conn.
Perkins Henry Co. (Specialty Auto & Motor Cycle Cylinders), Bridgewater, Mass.
Ross-Meehan Foundries (Railroad), Chattanooga, Tenn.
Waterbury Castings Co., Waterbury, Conn.
Weller Hdware & Fdry. Co., Horseheads, N. Y.
Zahniser Bros. & Sten (Specialty Glass Molds), Washington, Pa.

2198—Castings (Vanadium Metal)

Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.

2199—Castings (Vanadium Steel)

See also firms in Castings, Steel, with the word Vanadium following their names

American Steel Foundries (Open Hearth Locomotive & Marine, Mill & Engine Castings, Rolls, Gears & Pinions), McCormick bldg, Chicago, Ill.
Bonney-Floyd Co., Columbus, O.
Brylgon Steel Casting Co. (Tropenas Converter), New Castle, Del.
Chain Belt Co., Milwaukee, Wis.
Cincinnati Steel Castings Co. (Tropenas Converter), Queen City & Spring Grove avs, Cincinnati, O.
Crucible Steel Casting Co. (Crucible), Cleveland, O.
Crucible Steel Castings Co. (Crucible), Lansdowne, Pa.
Damascus Crucible Steel Casting Co. (Crucible), New Brighton, Pa.
Farrell-Cheek Steel Foundry Co. (Tropenas), Sandusky, O.
Mackintosh, Hemphill & Co., Pittsburgh, Pa.
Malleable Iron Fittings Co., Branford, Conn.
MESTA MACHINE CO. (Steel Rolls, Gears, Pinions, Mill & Engine Castings), Pittsburgh, Pa. *See adv index at end of book*
Millbury Steel Foundry Co. (Crucible), Millbury, Mass.
Minneapolis Crucible Steel Co., 38th av N E & 5th, Minneapolis, Minn.
Ohio Steel Foundry Co. (Locomotive, Steel Rolls, Gears, Pinions, Mill & Engine Castings), Lima, O.
Parsons G. W. Co., Newton, Iowa
Penn Seaboard Steel Corp, 1418 Chestnut, Phila., Pa.
Pittsburgh Steel Foundry, House bldg, Pittsburgh, Pa.
Pratt & Letchworth Co. (Open Hearth Steel Rolls, Gears, Pinions, Mill & Engine Castings), Buffalo, N. Y.
Reading Steel Casting Co. (Tropenas Converter), Reading, Pa.
Riverside Steel Casting Co. (Crucible), Newark, N. J.
Ross-Meehan Foundries (Railroad), Chattanooga, Tenn.
Smith Geo H. Steel Casting Co., 500 Clinton, Milwaukee, Wis.
Union Steel Casting Co. (Open Hearth Steel, Rolls, Gears, Pinions, Mill & Engine Castings), Pittsburgh, Pa.
Warren Steel Casting Co., 4700 Fyler av, St. Louis, Mo.
West Steel Casting Co. (Crucible & Tropenas Converter), 805 E 70th, Cleveland, O.
Wheeling Mold & Foundry Co. (Steel Rolls, Gears, Pinions, Mill & Engine Castings), Wheeling, W. Va.

2199a—*Castings (Water Works)

See also Cast Iron Pipe Mfrs., Gas & Water; also Valves, Gate for Water Mains; also Covers, Manhole
Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

2200— Castings (White Metal)

Ajax Metal Co., 46 Richmond, Phila., Pa.
American Casting & Mfg. Corp., 30 Main, Brooklyn, N. Y.
American Die Casting Co., Indianapolis, Ind.
Bronzbraswyt Metals Co., First Nat'l Bank bldg, Pittsburgh, Pa.
Brown Bros., Stamford, Conn.
Capital Brass Works, Chene & Franklin, Detroit, Mich.

Clayton & Lambert Mfg. Co., 205 Piquette av, E Detroit, Mich.
Federal Brass Works, 3100 S Kedzie, Chicago, Ill.
Franklin Mfg. Co., Magnolia, Syracuse, N. Y.
Germann Bronze Co., Erie, Pa.
Grote F. Mfg. Co., Evansville, Ind.
Hackett Bros., 242 Lillibridge, Detroit, Mich.
Highton Wm. & Sons Co. ("Parsons," White Bronze), Nashua, N. H.
Iroquois Foundries, Inc., 474 Genesee, Utica, N. Y.
Kokomo Brass Works, Kokomo, Ind.
Krouse W. E. & Bro., Bridgeport, Conn.
Legler-Eilerman Co., Dayton, O.
Light Mfg. & Foundry Co., Pottstown, Pa.
LUMEN BEARING CO. (Die Pressure), 200 Lathrop, Buffalo, N. Y.
See adv index at end of book
LUNKENHEIMER CO. Executtive Offices and Factories, Beekman & Waverly, Cincinnati *See adv index at end of book*
Marion Machine Foundry & Supply Co., Marion, Ind.
Maryland Brass & Metal Works, Guilford & Federal, Baltimore, Md.
Monumental Bronze Co. (Ornamental White Bronze), Bridgeport, Conn.
Moran Flexible Steam Joint Co., Louisville, Ky.
More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.
Mosser W. F. & Son (Iron), Allentown, Pa.
Pacific Metal Works, 153 1st, San Francisco, Cal.
Parkesburg Stamping & Mfg. Co., Parkesburg, Pa.
Pevey Foundry Co., Lowell, Mass.
Pioneer Brass Works, Indianapolis, Ind.
Precision Castings Co., Inc., Fayetteville, N. Y.
Providence Brass & Aluminum Foundry, 460 Eddy, Providence, R. I.
Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.
Reynolds Gardner W., Meriden, Conn.
Rock Island Metal Foundry, 505 41st Rock Island, Ill.
Scovil Mfg. Co., Waterbury, Conn.
See adv index at end of book
Seymour Mfg. Co., Seymour, Conn.
Van Duzen E. W. Co., 428 E 2d, Cincinnati, O.
Van Wagner E. B. Mfg. Co., Fayetteville, N. Y.
Veeder Mfg. Co., Hartford, Conn.
Victoria Metal Co., Erie, Pa.

2201— Castings (Zinc)

Acme Brass Foundry Co., Los Angeles, Cal.
Anderson A. H., 1213 Fulton, Chicago, Ill.
Atlas Brass Works, 431 Folsom, San Francisco, Cal.
Brown Bros., Stamford, Conn.
Farrell Edward P., 1414 Philpot, Baltimore, Md.
Gerock Bros. Mfg. Co., 1252 S Vandeventer av, St. Louis, Mo.
Liberty Brass Works, 305 W Lombard, Baltimore, Md.
Maryland Brass & Metal Works, Guilford & Federal, Baltimore, Md.
More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.
Phoenix Die Casting Co., 21 Illinois, Buffalo, N. Y.
Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.
Scovil Mfg. Co., Waterbury, Conn.
See adv index at end of book
Van Duzen E. W. Co., 428 E. 2nd, Cincinnati, O.

2201a—Castors (Veneer Press)

Elmes Chas. F. Engng. Works, Inc., cor. Fulton & Sangamon, Chicago, Ill.
See adv index at end of book

2202— Cat-Gut (Surgical)

Ashland Mfg. Co., W 43d & S Hermitage av, Chicago, Ill.
Davis & Geck, 217 Duffield, Brooklyn, N. Y.
Johnson & Johnson, New Brunswick, N. J.

2203—Catalogues (General Hardware)

Woodward-Tiernan Printing Co., 309 N 3rd, St. Louis, Mo.

Catch Basins & Covers

See Basins, Catch; also Inlets, Sewers

2204— Catchers (Fly)

Dejonge Louis & Co. ("Pyramid"), 71 Duane, New York
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Seibert H. E. ("Seibert" Poison Tin), 475 Broadway, St. Paul, Minn.

2205— Catchers (Grass)

American Mfg. Co., Columbus, O.
Buckeye Tent & Awning Mfg. Co., 264 Spruce, Columbus, O.
Coldwell Lawn Mower Co., Newburgh, N. Y.
Enterprise Mfg. Co. of Pa. 3d & Daupin, Phila., Pa.
Excelsior Bag & Mfg. Co., Troy, N. Y.
F. & N. Lawn Mower Co. ("Simplex" & "Chief"), Richmond, Ind.
Granite State Mowing Machine Co., Hinsdale, N. H.
Hasseries Carl ("The Leader," "Bieder"), Broadway & E 55th, Cleveland, O.
Krause R. F. ("Ideal," "Victor," "Boomer" Metal), Zion City, Ill.
Perfection Mfg. Co., Montgomery & Leffingwell, St. Louis, Mo.
Philadelphia Lawn Mower Co. ("Philadelphia," "Acme"), 31st & Chestnut, Phila., Pa.
Specialty Mfg. Co. ("Leader," "Easy Emptying," "E. Z.," "N. Y.," "U. S. A.," Detachable Wire), St. Anthony Park, Minn.
SUPPLEE-BIDDLE HARDWARE CO. 510 Commerce, Phila., Pa.
See adv index at end of book
Whitaker Mfg. Co., L109 S Green, Chicago, Ill.
Whitman & Barnes Mfg. Co. (W. & B.-"Diamond"), Akron, O.
See adv index at end of book
Worcester Lawn Mower Co. ("Worcester"), Worcester, Mass.
Zittolsen Mfg. Co. ("Nox-All"), Park & Dolman, St. Louis, Mo.

2206— Catchers (Potato Bug)

Stevens Mfg. & Foundry Co., Decatur, Ill.

2207—Catchers & Retrievers (Trolley)

Dayton Fare Recorder Co., Dayton, O.
Earll Chas. I. (Catchers), 11 B'way, New York
Horne Mfg. Co., Brooklyn, N. Y.
Electric Service Supplies Co. ("Keystone"), 17th & Cambria, Phila., Pa.
Ohio Brass Co., Mansfield, O.
Trolley Supply Co. ("Ideal," "Knutson"), Canton, O.
Wilson & Co. (Sole Mfrs. of the "Wilson"), 108 N 6th, Brooklyn, N. Y.
Wood Co. Chas. N., 14 Federal, Boston, Mass.

2208a— *Catchers (Blind)

Stanley Works, New Britain, Conn.
See adv index at end of book

2208—Catches (Baskets & Box, Fancy)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
LUDWIG A. & CO. (Box,) 75 Spring, New York

2209—Catches (Cupboard, Screen Door, Etc.)

Allith-Prouty Co. ("Prouty"), Danville, Ill.
Aurora Door Hanger & Specialty Co., Aurora, Ill.
Automatic Door Catch Co. ("Perfect" & Automatic Screen Door), Harvey, Ill.
Bradley & Farnham, Middlefield, Conn.
Brainerd Mfg. Co., East Rochester, N. Y.
Brass Goods Mfg. Co., 533 Union, Brooklyn, N. Y.
Burgess & Norton Mfg. Co. ("Bur-Nor," "American" Screen Door Catches), Geneva, Ill.
Champion Hardware Co. (Also Elbow), Geneva, O.
Cheney S. & Son (Barn), Manlius, N. Y.
Corbin P. F., New Britain, Conn.
Dent Hardware Co., Fullerton, Pa.
Diehl Novelty Co. ("Diehl" Screen Door), Glenbeulah, Wis.
Ellis Mfg. Co., Milldale, Conn.
Forg Peter Mfg. Co., Somerville, Mass.
Gaynor Mfg. Co., Bridgeport, Conn.
Grand Rapids Brass Co. (Kitchen Cabinet Catches Only), Grand Rapids, Mich.
Grey Iron Casting Co., Mt. Joy, Pa.
Hardware Supply Co. ("Frost's"), Grand Rapids, Mich.
Lawrence Bros. (General), Sterling, Ill.
McKinney Mfg. Co. (Door-Wrought Steel), N S, Pittsburgh, Pa.
Miller J. W. Co., Lancaster, Pa.
National Lock Co. (Cabinet), Rockford, Ill.
Payson Mfg. Co. (Cupboard), 2918 W Jackson blvd, Chicago, Ill.
Peck C. A. Hardware Co., Berlin, Wis.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co. (Barn), Reading, Pa.
Russell & Erwin Mfg Co, New Britain, Conn.
Sargent & Co., New Haven, Conn.
Schofield & Co., Freeport, Ill.
Sharon Hardware Mfg. Co. ("Sharon," All Steel, also for Screen & Storm Doors), Sharon, Pa.
Shelby Spring Hinge Co. (Steel, Brass & Bronze, Polished), Shelby, O.
Stanley Works (Screen Door), New Britain, Conn. *See adv index at end of book*
Superior Door Catch Co., Superior, Wis.
Taylor & Boggis Foundry Co., Cleveland, Ohio
Wagner Mfg. Co. ("Wagner," Wheel), Cedar Falls, Ia.
Watrous-Acme Mfg. Co. ("Watrous" with Positive Lock, Screen Door only), Des Moines, Ia.
Weber-Knapp Co. (For Phonograph Cabinets, Sideboards and all other Cabinets, etc), Jamestown, N. Y.
Western Brass Mfg. Works, Marshall blvd. & W 21st, Chicago, Ill.
Yale & Towne Mfg. Co. (Screen, etc), 9 E 40th, New York

Catches (Elbow)

See also Catches, Cupboard, Screen Door, etc.

2210— Catches (End Gate)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

2211—Catches (Safety, for Mine Hoists, Skips & Cages)

Plock A. F., Park bldg, Pittsburgh, Pa.

Catches (Screen Door)

See Catches, Cupboard, Screen Door, etc.

2212— Catches (Show Case)

Dent Hardware Co. (Spring), Fullerton, Pa.
Peck, Stow & Wilcox Co., 428 E 48th, New York
Reading Hardware Co., Reading, Pa.
Sargent & Co., 94 Centre, New York
Sargent & Co., New Haven, Conn.

2213— Catches (Transom)

See Catches, Cupboard, Screen Door, etc.
Champion Hardware Co., Geneva, O.
Dent Hardware Co., Fullerton, Pa.
Ives H. B. Co., New Haven, Conn.
Payson Mfg. Co., 2918 W Jackson blvd, Chicago, Ill.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Yale & Towne Mfg. Co., 9 E 40th, New York

2214— Catches (Window)

See Locks, Sash

2214a— Catenary Construction

ROEBLING'S JOHN A. SONS CO., Main Office: Trenton, N. J.; Works: Trenton & Roebling, N. J.
See adv index at end of book

2215— Cathetometers

Gaertner Wm. & Co., 5349 Lake Park av, Chicago, Ill.

2216— Caustic Soda

Adams Fred C. Co., 234 S La Salle, Chicago, Ill.
American Chemical Co. (Powdered), 640 Carr, Cincinnati, O.
Arnold Hoffman & Co., 55 Canal, Providence, R. I.
Breslauer A. (Solid & Ground; Industrial Chemicals), Am. Nat'l Bank bldg, San Francisco, Cal.
Butterworth Judson Co., Av R, Newark, N. J.
Mathieson Alkali Works, Inc., Niagara Falls, N. Y.
C. P. N. CHEMICAL CO., INC., 78 Reade, New York, & 231 West Huron, Chicago, Ill.
Clark Fred. G. Co. (For Wholesale Trade Only), 1081 W 11th, Cleveland, O.
Columbia Chemical Co., Pittsburgh, Pa.
Diamond Alkali Co., First Nat'l Bank bldg, Pittsburgh, Pa.
Fergusson Bros., 109 Chestnut, Phila., Pa.
Fulper Edward B., Trenton, N. J.
General Chemical Co., 25 Broad, New York
Grasselli Chemical Co., Guardian bldg, Cleveland, O.

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Hill's Edward Sons & Co. (Agts. Mich. Alkali Co.), 64 Wall, New York
Hooker Electro Chemical Co., 40 Wall, New York. Works: Niagara Falls, N. Y.
Industrial Minerals Co., Inc., Monadnock bldg, San Francisco, Cal.
Isco Chemical Co. ("Isco"), 46 Cliff, New York
Johnson A. W. V., Mchts. Exchange, San Francisco, Cal.
Mathieson Alkali Works ("Eagle" & "Thistle" Brands, 70, 72, 74 & 76 per cent.), 53 Canal, Providence, R. I.
Mechling Bros. Mfg. Co. (Powdered), Camden, N. J.
Michigan Alkali Co., Ford bldg, Detroit, Mich.
Miller Jas B., Finance bldg, Phila, Pa.
Myers E. Lye Co., 3d & Clard, St. Louis, Mo.
Niagara Smelting Corp., Niagara Falls, N. Y.
Partola Mfg. Co., 160 2nd av, New York
Penn Chemical Works (Powdered & Crushed), 1332 Washington av, Phila., Pa.
Penna Salt Mfg. Co., Widener bldg, Phila., Pa.
Riker J. L. & D. S. (mfr's agents), 19 Cedar, New York
Roessler & Hasslacher Chemical Co., 100 William, New York
Solvay Process Co., Syracuse, N. Y., Hutchinson, Kan., & Detroit, Mich.
Wiarda Jno. C. & Co. (Also Caustic Lye, etc), 273 Greene, Brooklyn, N. Y.
Wing & Evans (Selling Agent), 22 William, New York
Wolf Jacques & Co. (Selling Agents), Passaic, N. J.

2217—*Causticizing Apparatus

ZAREMBA CO., Niagara Life bldg, Buffalo, N. Y. *See adv index at end of book*

2218—Ceilings (Marbleized Glass)

Denzi & Phillips, 24 Dey, New York
Mansfield & Co., 229 West, New York

2219— Ceilings (Sheet Steel)

Acme Sheet Metal Co., Martins Ferry, O.
American Metal Ceiling Co., 1529 Fulton, Brooklyn, N. Y.
Berger Mfg. Co., Canton, O.
Bostwick C. G., Hartford, Conn.
Boston Metal Ceiling & Mfg. Co., 516 Atlantic av, Boston, Mass.
Brier Hill Steel Co., Youngstown, O.
Brooklyn Metal Ceiling Co., 287 Greene av, Brooklyn, N. Y.
Burton W. J. Co., Junction & Federal, Detroit, Mich.
Canton Art Metal Co., Canton, O.
Canton Metal Ceiling Co. ("Art Kraft"), Canton, O.
Canton Steel Roofing Co., Canton, O.
Carter Sheet Metal Co., Omaha, Neb.
Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
De Forest Sheet & Tin Plate Co., Niles, O.
See adv index at end of book
Delphos Mfg. Co. ("Nustyle"), First & Pierce, Delphos, O.
Dickelman Mfg. Co., Forest, Ohio.
Dominion Metal Products Co., Roanoke, Va.
Dowman-Dozier Mfg. Co., Atlanta, Ga.
Duluth Corrugating & Roofing Co., Duluth, Minn.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Eller Mfg. Co. ("Perfect-Fit"), Canton, O.
Florida Metal Products Co., Jacksonville, Fla.
Foster Sheet Metal Co., Springfield, Ill.
Frand M. J. & Co., Camden, N. J.
Friedley-Voshardt Co., 733 S Halsted, Chicago, Ill.
Gara-McGinley Co., 23 S 17th, Phila., Pa.
Garry Iron & Steel Mfg. Co. of N. Y., 529 W 23rd, New York
Hopson W. C. Co., Grand Rapids, Mich.
Indianapolis Corrugating Co., Indianapolis, Ind.
International Steel & Iron Co., Evansville, Ind.
Kalamazoo Sheet Metal Mfg. Co., Kalamazoo, Mich.
Kanneberg Roofing & Ceiling Co., Canton, O.
Keighley S. Metal Ceiling & Mfg. Co., 124 3d av, Pittsburgh, Pa.
Kinnear & Gager Mfg. Co. (Metal Ceilings & Side Walls), Columbus, O.
Klauer Mfg. Co., Dubuque, Ia.
La Crosse Steel Roofing & Corrugating Co., La Crosse, Wis.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Mesker Geo. L. & Co., Evansville, Ind.
Messenger & Parks Mfg. Co., Aurora, Ill.
Milwaukee Corrugating Co. ("Invisible Joint"), Milwaukee, Wis.
Moeschl-Edwards Corrugating Co., Covington, Ky.
New England Steel Roofing Co., Worcester, Mass.
New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La.
New York Iron Roofing & Corrugating Co., 94 1st, Jersey City, N. J.
New York Metal Ceiling Co., 537-541 W 24th, New York
Norman W. F. Sheet Metal Mfg. Co. ("Hi-Art"), Nevada, Mo.
Northrop, Coburn & Dodge Co., 120 Liberty, New York
Penn Metal Ceiling & Roofing Co. (Ltd.), 23d & Hamilton, Phila., Pa.
Penn Metal Co. ("Penco"), 65 Franklin, Boston, Mass.
Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
Reeves Mfg. Co., Dover, O.
St. John & Barquist Co., Des Moines, Ia.
St. Paul Roofing, Cornice & Ornament Co., West St. Paul, Minn.
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
Schoedlinger F. O. ("Universal," "Lock Joint"), 142 N 3rd, Columbus, O.
Seattle Metal Ceiling Co., Seattle, Wash.
Souther E. E. Iron Co., Kienlin & Hamburger av, St. Louis, Mo.
Steel Roofing & Stamping Works (W. F. Hansen, Prop.), Des Moines, Ia.
Sykes Steel Roofing Co., 930 W 19th pl, Chicago, Ill.
Tiffin Art Metal Co., 20 Broad, Tiffin, O.
Trumbull Steel Co., Warren, O.
VALLEY CORNICE & SLATE CO. (Ltd.), Saginaw, Mich.
Watson Jas. H. Co., Bradley, Ill.
Wheeling Metal & Mfg. Co. (Light Diffuser), Wheeling, W. Va.
Whitaker-Glessner Co., (Wheeling Corrugating Dept.), Wheeling, W. Va.

2220— Ceilings (Tile)

Gypsite Fireproofing Co. ("Gypsite"), 4th & Holden, Detroit, Mich.

2221— *Celakap

HERCULES POWDER CO., Wilmington, Del. *See adv index at end of book*

2222—Cellar Drainers (Automatic)

See also Drains, Floor

Braender Phillip, 315 4th av, New York
Chicago Pump Co. ("Little Giant" Electric Cellar Drainer & Bilge Pump), 900 W Lake, Chicago, Ill.
See adv index at end of book
Douds Frank C. & Co. (& Valve Controlled "Douds"), New Castle, Pa.
Dreher Ernest A. & Son, 24 Kipp, Newark, N. J.
Economy Pumping Machinery Co., 116 N Carpenter, Chicago, Ill.
Erwin & Co. ("Perfection"), 2736 Cottage Grove av, Chicago, Ill.
Hall Mfg. Co. (C. & A. Syphon), Harrison, N. J.
KEMP C. M. MFG. CO. ("Climax"), 405 E Oliver, Baltimore, Md.
Lawler Regulator Co., 55 W Houston, New York
Newark Brass Works, 22 Lawrence. Newark, N. J.
Penberthy Injector Co., 346 Holden av, Detroit, Mich.
Vaile-Kimes Co., Dayton, O.
Wieben John Co., 2055 Lexington av, New York

2223— Cellar Window Sets

Diehl Novelty Co., Glenbeulah, Wis.
Griffin Mfg. Co., Erie, Pa.
Ives H. B. Co., New Haven, Conn.
National Mfg. Co., Sterling, Ill.
Sharon Hardware Mfg. Co. (Wrought Steel Fixtures), Sharon, Pa.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

2224— Cellars (Cyclone)

Harry Bros. Co. ("Harry's," Corrugated Galvanized Iron), Carr & I. C. R. R., New Orleans, La.

2225— Cells (Electrolytic)

Mathieson Alkali Works, Inc., Niagara Falls, N. Y.
Electro Chemical Co., Dayton, O.
Electron Chemical Co., 120 Exchange, Portland, Me.
Electrolytic Engineering Corp'n, 501 5th av, New York
Hooker Electrochemical Co., 40 Wall, New York
Warner Chemical Co., 52 Vanderbilt av, New York

2226—Cells (Leaching or Diffusion Batteries)

Swenson Evaporator Co., 53 W Jackson blvd, Chicago, Ill.
ZAREMBA CO., Niagara Life bldg, Buffalo, N. Y. *See adv index at end of book*

2227— Celluloid & Fiberloid

Celluloid Co. (Celluloid), 36 Washington pl, New York
Fiberloid Corp. (Fiberloid), Indian Orchard, Mass.

2228— Celluloid (Transparent)

Landers Bros. Co., Toledo, O.

2229-30— Cement Concrete Block Facing

Ohio Marble Co. ("Pulva Alba"), Piqua, O.

Cement Dealers

See Masons' & Builders' Materials

2231-4— Cement Importers

Balfour, Guthrie & Co. ("Condor," "K. B. & S.," "Anna" & "Falcon"), San Francisco, Cal.
Carolina Portland Cement Co., Charleston, S. C.
Ebert Morris, 119 S 4th, Phila., Pa.
Fowler & McVitie, Galveston, Tex.
Gilbert C. M. & Co., Savannah, Ga.
Grace W. R. & Co. (German & Belgian), 332 Pine, San Francisco, Cal.
Hammill & Gillespie, 240 Front, New York

Marquardt H. & Co. ("Stettiner S" & "Germania"), 35 S William, New York
Harrison Supply Co ("Wonder"), (For stone works), 5 Dorchester av extension, Boston, Mass.
Meyer Wilson & Co., 454 California, San Francisco, Cal.
Mosle H & Co., Galveston, Tex.
Parr Wm. & Co., Galveston, Tex.
Thiele E., 11 Cliff, New York
Waldo Bros., 45 Batterymarch, Boston, Mass.

2235-6—Cement Importers (Keene's)

See Cements, Keene's Imported

2237— Cement Mfrs.

All firms under this heading, unless otherwise marked, manufacture "Portland" Cement. One Star (*) indicates Hydraulic or Natural Cement Manufacturers. Two Stars (**) indicate "Rosendale" Cement Manufacturers
Trade Names or titles of Identification follow Names of firms in all cases where we have been able to secure them
For Cement Dealers, See Masons' & Builders' Materials

ALABAMA.

BIRMINGHAM — *Southern Cement Co. ("Alabama" & "Magnolia" Brands)
Standard Portland Cement Co. ("Standard" Brand).
LEEDS—Standard Portland Cement Co. ("Standard" Brand)
RAGLAND—Coosa Portland Cement Co. ("Coosa" Brand), (See Phila., Pa.)

CALIFORNIA.

CEMENT—Pacific Portland Cement Co. ("Golden Gate"). (See San Francisco)
COLTON—California Portland Cement Co. ("Colton" Brand). (See Los Angeles)
COWELL—Cowell Portland Cement Co. (See San Francisco, Cal.)
DAVENPORT—Santa Cruz Portland Cement Co. (See San Francisco, Cal.)
HALLECK—Golden State Portland Cement Co. (See Los Angeles)
LOS ANGELES—California Portland Cement Co. ("Colton" Brand). Works: Colton, Cal.
*Golden State Portland Cement Co. (Portland)
NAPA JUNCTION—Standard Portland Cement Corp'n ("Standard" Brand). (See San Francisco)
RIVERSIDE—Riverside Portland Cement Co. (See San Francisco, Cal.)
SAN FRANCISCO—Cowell Portland Cement Co. ("Mt. Diabol" Brand), 2 Market. Works: Cowell, Cal.
Old Mission Portland Cement Co., Mills bldg
Pacific Portland Cement Co. Cons'd ("Golden Gate" Brand), Pacific bldg.
Riverside Portland Cement Co. (("Riverside" Brand), Mills bldg. Works: Riverside, Cal.
Santa Cruz Portland Cement Co. ("Santa Cruz" Brand), Crocker bldg. Works: Davenport, Cal.
Standard Portland Cement Corp'n ("Standard" Brand), Crocker bldg

COLORADO.

CONCRETE—United States Portland Cement Co. (See Denver, Colo.)
DENVER—Colorado Portland Cement Co. ("Pike's Peak" & "Ideal" Brand). Works: Portland, Colo.
Red Butte Cement & Plaster Co.
Three Folks Portland Cement Co. ("Red Devil" Brand)
United States Portland Cement Co. ("Concrete" Brand). Works: Concrete, Colo.
PORTLAND—Colorado Portland Cement Co. (See Denver, Colo.)

GEORGIA.

ARAGON—Bald Mountain Portland Cement Co.
ROCKMART — Southern States Portland Cement Co. ("Southern States" Brand)

ILLINOIS.

CHICAGO—Chicago Portland Cement Co. ("Chicago AA" Brand), 31 N La Salle. Works: Oglesby, Ill.
De Smet Quartz Tile Co., 133 W Washington
Garden City Sand Co., Chamber of Commerce bldg, Chicago, Ill.
German-American Portland Cement Works, 140 S Dearborn
Marquette Cement Mfg. Co., 140 S Dearborn
Universal Portland Cement Co. ("Universal" Portland), 208 S La Salle. Works: So. Chicago, Ill.; Buffington, Ind., & Universal, Pa.
DIXON—Sandusky Cement Co. ("Medusa" Brand), (See Cleveland, O.)
LA SALLE—German-American Portland Cement Works ("Owl" Brand)
Marquette Cement Mfg. Co. ("Marquette" Brand)
OGLESBY—Lehigh Portland Cement Co. (See Allentown, Pa.)
UTICA—*Utica Hydraulic Cement Co.

INDIANA.

MITCHELL—Lehigh Portland Cement Co. ("Lehigh" Brand). (See Allentown, Pa.)
SELLERSBURG—Louisville Cement Co. (See Louisville, Ky.)
STROH—Wabash Portland Cement Co. ("Wabash" Brand). (See Detroit, Mich.)
SYRACUSE—Sandusky Cement Co. ("Medusa" Brand). (See Cleveland, O.)

IOWA.

DES MOINES—Hawkeye Portland Cement Co. ("Hawkeye" Brand)
FORT DODGE—Fort Dodge Portland Cement Corp. ("Fort Dodge" Brand). Works: Gilmore City
GILMORE CITY—Fort Dodge Portland Cement Corp. (See Fort Dodge, Ia.)
MASON CITY—Lehigh Portland Cement Co. (See Allentown, Pa.)
Northwestern States Portland Cement Co. ("Northwestern" Brand)

KANSAS.

ALTOONA—Altoona Cement Co.
BONNER SPRINGS—Bonner Portland Cement Co. ("Bonner" Brand)
CHANUTE—Ash Grove Lime & Portland Cement Co. ("Ash Grove" Brand) (See Kansas City, Mo.)
Chanute Cement Co. ("Chanute" Brand)
FORT SCOTT—*Fort Scott Hydraulic Cement Co. ("Four Star" Brand, Hydraulic)
FREDONIA—Fredonia Portland Cement Co. ("Fredonia" Brand)
HUMBOLDT—Monarch Cement Co.
INDEPENDENCE—United Kansas Portland Cement Co. (See Iola)
Western States Portland Cement Co. ("Cowboy" Brand)
IOLA—Iola Portland Cement Co. ("Iola" Brand)
MILDRED—Great Western Portland Cement Co. (See Kansas City, Mo.)

KENTUCKY.

KOSMOSDALE—Kosmos Portland Cement Co. ("Kosmos" Brand)
LOUISVILLE—*Louisville Cement Co. (Speed "Star" Brand, Hydraulic; "Horseshoe" Brand, of Portland, & "S. S." Brand). Works: Speeds, Ind.; P. O. Sellersburg, Ind.)

MARYLAND.

Rockcastle Cement & Lime Co., Munsey bldg. Works: Pine Hill, Ky.
Tidewater-Portland Cement Co., Calvert bldg. Works: Union Bridge, Md.
CUMBERLAND—*Cumberland Hydraulic Cement & Mfg. Co. ("B. & H." Brand, Hydraulic)
Cumberland Portland Cement Co.
HAGERSTOWN—Security Cement & Lime Co. (Works: Security, Md.)
SECURITY—Security Cement & Lime Co. (See Hagerstown, Md.)
UNION BRIDGE—Tidewater-Portland Cement Co. (See Baltimore)

MICHIGAN.

ALPENA—Huron Portland Cement Co. (See Detroit, Mich.)
BELLEVUE—Burt Portland Cement Co. ("Burt" Brand)
CEMENT CITY—Peninsular Portland Cement Co. ("Peninsular" Brand) (See Jackson)
CHELSEA—Michigan Portland Cement Co. ("Michigan" Brand)
COLDWATER—Wolverine Portland Cement Co. ("Wolverine" Brand)
DETROIT—Aetna Portland Cement Co. ("Aetna")
Huron Portland Cement Co. ("Huron" Brand), Ford bldg. Works: Alpena, Mich.
New Egyptian Portland Cement Co.
Wabash Portland Cement Co. ("Wabash" Brand), Ford bldg. Works: Stroh, Ind.
Wyandotte Portland Cement Co. ("Wyandotte" Brand), Ford bldg. Works: Wyandotte, Mich.
GRAND RAPIDS—Newaygo Portland Cement Co. ("Newaygo" & "Gibraltar" Brands)
CEMENT CITY—Peninsular Portland Cement Co. ("Peninsular" Brand)
NEWAYGO—Newaygo Portland Cement Co. ("Newaygo" & "Gibraltar" Brands) (See Grand Rapids, Mich.)
QUINCY—Wolverine Portland Cement Co. (See Coldwater, Mich.)
UNION CITY—Peerless Portland Cement Co. ("Peerless" Brand)
WYANDOTTE—Wyandotte Portland Cement Co. ("Wyandotte" Brand) (See Detroit, Mich.)

MINNESOTA.

MANKATO—Carney's Cement Co.
Fowler & Pay

MISSOURI.

CAPE GIRARDEAU—Cape Girardeau Portland Cement Co. ("Eagle" Brand)
KANSAS CITY—Ash Grove Lime & Portland Cement Co. ("Ash Grove" Brand), 7th fl Grand av Temple
Bonner Portland Cement Co.
Choctow Portland Cement Co.
Dewey Portland Cement Co. ("Dewey" Brand), Scarritt bldg. Works: **Dewey, Okla.**
Great Western Portland Cement Co. ("G. W." Brand). Works: Mildred, Kan.
ST. LOUIS—Continental Portland Cement Co. ("Continental" Portland), Wright bldg
Meramec Portland Cement & Material Co., Syndicate Trust bldg
Misouri Portland Cement Co.
Union Sand & Material Co. ("Red Ring" & "K. & C." Brands), International Life bldg

MONTANA.

TRIDENT—Three Forks Portland Cement Co. (See Denver, Colo.)

NEBRASKA.

OMAHA—Nebraska Portland Cement Co.

NEW JERSEY.

ALPHA—Alpha Portland Cement Co. ("Alpha" Brand) (See Easton, Pa.)
NEWARK—Bath Portland Cement Co., 31 Clinton. Works: Bath, Pa.
STEWARTSVILLE—Edison Portland Cement Co. ("Edison" Brand)
VULCANITE—(P. O. at Phillipsburg)—Vulcanite Portland Cement Co.; Main Office: Phila., Pa.

NEW YORK.

ALBANY—Helderberg Cement Co. ("Helderberg" Brand). Works: Howes Cave, N. Y.
ALSEN—Alsen's American Portland Cement Works ("Alsen" Brand). (See N. Y. City)
BINGHAMPTON—Atlas Coal & Supply Co.
CATSKILL—Acme Cement Corp.
CEMENTON—Alpha Portland Cement Co. ("Alpha" Brand) (See Easton, Pa.)
Catskill Cement Co.
GLENS FALLS—Glens Falls Portland Cement Co. ("Iron Clad" Brand)
HOWES CAVE—Helderberg Cement Co. ("Helderberg" Brand), (See Albany, N. Y.)
HUDSON—Atlas Portland Cement Co. ("Atlas"). (See New York City)
Knickerbocker Portland Cement Co. (See N. Y. C.)
ITHACA—Cayuga Cement Corp. ("Cayuga" Brand). Works: Portland Point, N. Y.
JAMESVILLE—Millen Portland Cement Co.
SYRACUSE—Colebrook W. H. & Sons, 1419-21 Orange

NEW YORK.

Boroughs of Manhattan and Bronx.

NEW YORK—Alsen's American Portland Cement Works ("Alsen" Brand), 277 B'way
Atlas Portland Cement Co. ("Atlas" & "Atlas-White"), 30 Broad
**Consolidated Rosendale Cement Co. ("Brooklyn Bridge" Brand), 50 Church. Works: Binnewater, N.Y.
Cuban Portland Cement Co., 347 Madison av
Knickerbocker Portland Cement Co., 30 E 42d
Pennsylvania Cement Co. ("Pensylvania" Brand), 30 E 42d. Works: Bath, Pa.

(End of New York City)

PORTLAND POINT—Cayuga Cement Corporation

OHIO.

BAY RIDGE—Sandusky Cement Co. (See Cleveland, O.)
CASTALIA—Castalia-Portland Cement Co. ("Tiger" Brand) (See Pittsburgh, Pa.)
CINCINNATI—Superior Portland Cement Co. ("Superior"), Union Central bldg. Works: Superior, O.
CLEVELAND—Diamond Portland Cement Co. ('Diamond" Brand), 1313 Williamson. Works: Middle Branch, O.
Sandusky Cement Co. ("Medusa" Brand), Engineers bldg. Works, Bay Bridge, O.; York, Pa.; Syracuse, Ind. & Dixon, Ill.
IRONTON—Ironton Portland Cement Co. ("Limestone" Brand)
LISBON—*Lisbon Cement Co. (Hydraulic)
*Ohio Cement Co. (Hydraulic)
MIDDLE BRANCH—Diamond Portland Cement Co. ("Diamond" Brand). (See Cleveland, O.)
SANDUSKY—Sandusky Cement Co. (See Cleveland, O.)
SUPERIOR—Superior Portland Cement Co. ("Superior" Brand), Br. Cincinnati, O.

OKLAHOMA.

ADA—Oklahoma Portland Cement Co. ("O. K." Brand)
DEWEY—Dewey Portland Cement Co. ("Dewey" Brand). (See Kansas City, Mo.)
HARTSHORNE—Choctow Portland Cement Co.
TULSA—Choctaw Portland Cement Co.

OREGON.

OSWEGO—Oregon Portland Cement Co.
PORTLAND—Beaver Portland Cement Co. Works: Gold Hill, Ore.

PENNSYLVANIA.

ALLENTOWN—Allentown Portland Cement Co. ("Allentown"); Works: Evansville, Pa.
Lehigh Portland Cement Co. ("Lehigh" Brand). Works: Ormrod Pa.; West Coplay, Pa.; Fogelsville, Pa.; New Castle, Pa.; Mason City, Iowa; Metaline Falls, Wash.; Mitchell, Ind.; Oglesby, Ill. & Iola, Kans.
Penn-Allen Cement Co. ("Penn-Allen" Brand). Works: Nazareth, Pa.
Virginia Portland Cement Co. ("Old Dominion" Brand)
BATH—Bath Portland Cement Co. ("Bath" Brand) (See Newark, N. J.)
Pennsylvania Cement Co. ("Pennsylvania" Brand) (See New York City)
CEMENTON—Whitehall Cement Mfg. Co. ("Whitehall" Brand) (See Phila., Pa.)
COPLAY—Coplay Cement Mfg. Co. ("Saylor" Brand) (See Phila., Pa.)
EASTON—Alpha Portland Cement Co. ("Alpha" Brand). Works: Alpha, N. J.; Cementon, N. Y.; Manheim, W. Va., & Martins Creek, Pa.
EGYPT—Giant Portland Cement Co. (See Phila., Pa.)
EVANSVILLE—Allentown Portland Cement Co. (See Allentown, Pa.)
MARTINS CREEK—Alpha Portland Cement Co. ("Alpha" Brand) (See Easton, Pa.)
NAZARETH—Dexter Portland Cement Co. ("Dexter" Brand)
Nazareth Cement Co. ("Nazareth" Brand)
Penn-Allen Cement Co. ("Penn-Allen" Brand)
*Phoenix Portland Cement Co. ("Phoenix" Portland).
NEW CASTLE—Lehigh Portland Cement Co. ("Lehigh" Brand) (See Allentown, Pa.)
NORTHAMPTON—Lawrence Portland Cement Co. ("Dragon" Brand)
PHILADELPHIA—Coosa Portland Cement Co., N Stock, Exchange bldg
Coplay Cement Mfg. Co. ("Saylor" Brand), Widener bldg. Works: Coplay, Pa.
*French Samuel H. & Co. ("French"), 4th & Callowhill
Giant Portland Cement Co. ("Giant"), Penna. bldg. Works: Egypt, Pa. & Norfolk, Va.
Vulcanite Portland Cement Co. ("Vulcanite" Brand), Land Title bldg; Works: Vulcanite, N. J.
Whitehall Cement Mfg. Co. ("Whitehall" Brand), Land Title bldg; Works: Clementon, Pa.
PITTSBURGH—Castalia Portland Cement Co. ("Tiger" Brand), Publication bldg. Works: Castalia, O.
SIEGFRIED—Lawrence Portland Cement Co. ("Dragon" Brand) (See Northampton, Pa.)
UNIVERSAL—Universal Portland Cement Co., Main Office, Chicago, Ill.
WAMPUM—Crescent Portland Cement Co. ("Crescent" Brand)
YORK—Sandusky Cement Co. ("Medusa" Brand) (See Cleveland, O.)
South Car.-Charleston Standard Portland Cement Co. ("Standard" Brand)

TENNESSEE.

CHATTANOOGA—Dixie Portland Cement Co. ("Royal" Brand)
Sloan & Co.
KINGSPORT—Clinchfield Portland Cement Corp.
NASHVILLE—*Tennessee Cement & Lime Co. (Hydraulic)
RICHARD CITY—Dixie Portland Cement Co. ("Royal" Brand) (See Chattanooga)

TEXAS.

CEMENT—Texas Portland Cement Co. ("Lone Star" Portland)
Trinity Portland Cement Co. ("Trinity" Brand)
DALLAS—Texas Portland Cement Co. ("Lone Star," Portland)
EL PASO—Southwestern Portland Cement Co. ("El Toro" Brand)
SAN ANTONIO—San Antonio Portland Cement Co. ("San Antonio" Brand)

UTAH.

DEVILS SLIDE—Union Portland Cement Co. (See Ogden, Utah)
OGDEN—Ogden Portland Cement Co. Works: Bakers, Utah
Union Portland Cement Co. ("Red Devil" Brand). Works: Devil Slide, Utah
SALT LAKE CITY—Portland Cement Co. (of Utah) ("Utah")

VIRGINIA.

FORDWICK—Virginia Portland Cement Co. ("Old Dominion" Brand). (See Allentown, Pa.)
NORFOLK—Giant Portland Cement Co. ("Giant" Brand) (See Phila., Pa.)

WASHINGTON.

ASOTIN—Idaho Portland Cement Works (See Spokane, Wash.)
CONCRETE—Superior Portland Cement Co. (See Seattle, Wash.)
Washington Portland Cement Co. ("Washington" Brand). (See Seattle, Wash.)
METALINE FALLS—Inland Portland Cement Co. (See Spokane)
SEATTLE—Olympia Portland Cement Co., Ltd.
Superior Portland Cement Co. ("Superior" Brand); Works: Concrete, Wash.
Washington Portland Cement Co. ("Washington" Brand). Works: Concrete, Wash.
SPOKANE—Idaho Portland Cement Works
Inland Portland Cement Co.
International Portland Cement Co.

WEST VIRGINIA.

MANHEIM—Alpha Portland Cement Co. (See Easton, Pa.)

2237a—*Cement. (Waterproof Household and Belt)

Biter-Mortar Waterproofing Co., 340 E 27th, New York
Du Pont Chemical Works, 120 B'way, New York
Integral Waterproofing Co., 80 Front, New York
Hydro-Bar Waterproofing Co., 328 E 23rd, New York

2238— Cements (Acid Proof)

Anti-Hydro Waterproofing Co., 9 Orchard, Newark, N. J.
Chemical Construction Co. ("Acipruf"), Charlotte, N. C.
Condensite Co. of Am., Bloomfield, N. J.
Empire Tire & Rubber Corp. ("Empire" Tire Repair), East Trenton, N. J.
Hagstrom, Joel, Underhill av, Brooklyn, N. Y.
Toch Bros., 320 Fifth av, New York

2239— Cements (Asbestos)

Acme Asbestos Covering & Supply Co., 404 N Ada, Chicago, Ill.
See adv index at end of book
Armstrong Co. ("Tharco," "Dambalbait"), 124 Post av, Detroit, Mich.
Asbestos & Rubber Works of America, 58th & B'way, New York
Atlas Co. (For Boiler Coverings), Lincoln, N. J.
Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
Chicago Asbestos Mfg. Co., 1909 W 22d pl, Chicago, Ill.
Colebrook's W. H. Sons ("Crown"), Syracuse, N. Y.
Connors Wm. Paint Mfg. Co. ("American Seal"), Troy, N. Y.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Franklin Mfg. Co. ("Franklin"), Franklin, Pa.
Johns H. W.-Manville Co. ("J-M"), Madison av & 41st, New York
Keasbey & Mattison Co. (Also Magnesia), Ambler, Pa.
King J. B. & Co. ("Keene's Windsor"), 17 State, New York
McCarron, Wm. E., 600 Milwaukee av, Chicago, Ill.

Mikesell Bros. Co., 176-178 N La Salle, Chicago, Ill.
Norristown Magnesia & Asbestos Co., Norristown, Pa.
Pecora Paint Co., 4th & Sedgley av, Phila., Pa.
Sall Mountain Co., 230 S La Salle, Chicago, Ill.
Watson H. F. Co., Erie, Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Williams Stove Lining Co., Taunton, Mass.

2240— Cements (Asphalt)

See also Asphalt Miners & Refiners

Alcatraz Co., Inc., 3700 Williamsburg av, Richmond, Va.
Atlas Co. (Roofing), Lincoln, N. J.
Barber Asphalt Paving Co. ("Trinidad" Lake, "Bermudez" Lake), Land Title bldg, Phila., Pa.
Byerly & Sons ("Byerlyte"), 2489 W 4th, Cleveland, O.
Celite Products Co. (for heat insulation), 11 B'way, New York
Carey Philip Mfg. Co. 330 Wayne av, Lockland, Cincinnati, O.
General Roofing Mfg. Co. ("Gilsonite"), **Boatman's Bank bldg, St. Louis, Mo.**
Standard Paint Co. ("Rub-ber-oid"), 233 B'way, New York
Standard Oil Co. of Cal. ("Petro Elastic"), **200 Bush, San Francisco, Cal.**
Texas Co. ("Texaco" for Paving), Houston, Tex., & 17 Battery pl, New York
Trinidad Asphalt Mfg. Co., Title Guarantee Trust bldg, St. Louis, Mo.
Warren Bros. Co., 142 Berkeley, Boston,
Watson H. F. Co., Erie, Pa.

2241—Cements (Automobile Radiator)

Northwestern Chemical Co. ("Se-Ment-Ol"), Marietta, O.

2242— Cements (Bakelite)

General Bakelite Co., 2 Rector, New York

2243— Cements (Belt)

See also Belt Dressing

Akron Belting Co., Akron, O.
Ambroid Company, 227 Miller av, Brooklyn, N. Y.
Bradford Belting Co. ("Monarch"), 2d & Walnut, Cincinnati, O.
Burr Oak Belting Co. ("Eternity"), 521 Livingston, Cincinnati, O.
Callahan Geo. & Co., 218 Front, New York
Chemical & Engineering Co. ("Red Dragon" Waterproof), Watertown, N. Y.
Chicago Belting Co., 125 N Green, Chicago, Ill.
Cook Barron C. Chemical Mfg. Co., Charlotte, N. C.
Corliss Mfg. & Supply Co. ("C. C. C."), 1906 Olive, St. Louis, Mo.
Druid Oak Belting Co., ("Primo," "Waterproof"), 111 E Lombard, Baltimore, Md.
Eagle Counter & Leather Co., 416 E 8th, Cincinnati, O.
Ellert C. H., Evansville, Ind.
Elwell B. F. Glue Co., Rockport, Mass.
Graton & Knight Mfg. Co. ("Royal Worcester," "Neptune"), Worcester, Mass.
Hercules Powder Co., Wilmington, Del.
See adv index at end of book
Hudson Belting Co. ("American"; Also "Mermaid" Waterproof), 3 Eaton pl, Worcester, Mass.
Jewell Belting Co., Hartford, Conn.
Ladew E. R. Co. ("Hoyt's"), 54 Franklin, New York
Lawrence Belting Co., 111 Chambers, New York
New York Leather Belting Co. ("Victor"), 465 Kent av, Brooklyn, N. Y.
Nott W. S. Co. ("Diamond"), 2d av N & 3d, Minneapolis, Minn.
Page Belting Co., Concord, N. H.
Raniville F. Co., ("Raniville Wateride," "Star Brand," "Raniville's Leather-to-Metal"), Grand Rapids, Mich.
Reed & Duecker ("R. & D.," "Hippo"), Memphis, Tenn.
Rhoads J. E. & Sons ("Klingfast"), 12 N 3d, Phila., Pa.
Russia Cement Co. ("Le Page's"), Gloucester, Mass.
St. Louis Rubber Cement Co., 3046 Lambdin av, St. Louis, Mo.
Schieren Chas. A. Co., 30 Ferry, New York
Shultz Belting Co. ("Shultz"), Bismark & Barton, St. Louis, Mo.
Trinidad Asphalt Mfg. Co., Title Guaranty Trust bldg, St. Louis, Mo.
Ulmer Leather Co., Norwich, Conn.
Williams I. B. & Sons ("Cocheco"), Dover, N. H.

2244—Cements (Billiard Cue)

Ambroid Company, 227 Miller av, Brooklyn, N. Y.
Elwell B. F. Glue Co., Rockport, Mass.
Major Mfg. Co., 120 W 31st, New York
Spinks Wm. A. & Co., 362 W Erie, Chicago, Ill.

2245-6—Cements (Caen Stone)

Cleveland Builders Supply Co. (Excelsior), Leader News bldg, Cleveland, Ohio
King C. Volney ("Knickerbocker"), 517 West, New York
Revis Wm. H. (Imp.), 1123 B'way, New York

Cements (Cast Steel Filler)

See Cements, Iron & Steel Filler

2247— Cements (Elastic)

Algonquin Slate Products Co., Worcester, Mass.
Barrett Co., 17 Battery pl, New York
Clark Cast Steel Cement Co. ("Clark"), Shelton, Conn.
Colebrook's W. H. Sons ("Crown"), Syracuse, N. Y.
Connors Wm. Paint Mfg. Co. (Oil Roofing), Troy, N. Y.
Doggett Stanley, 11 Cliff, New York
Federal Process Co. ("Federal"), Cleveland, O.
Goetze Gasket & Packing Co. ("Goetze"), New Brunswick, N. J.
Kuhls H. B. Fred (Elastic Trowel), 6413 3d av, Brooklyn, N. Y.
Minwax Co. ("Minwax"), 18 E 41st, New York
Pecora Paint Co. ("Weathertite"), 4th & Sedgley av, Philadelphia, Pa.
Rutland Fire Clay Co. ("Rutland"), Rutland, Vt.
Smooth-On Mfg. Co. ("Smooth-On"), 572 Communipaw av, Jersey City, N. J.
Tucker Mfg. Co., 17 E 137th, New York
U. S. Graphite Co. (Graphite), Saginaw, Mich.
U. S. Gutta Percha Paint Co. (For Chimneys, Roofs, etc.), 12-30 Dudley, Providence, R. I.
Webster W. F. Cement Co., Cambridge, Mass.
Wilhelm A. Co. (Aluminum), Reading, Pa.

2248—Cements (Fire Resisting)

BUCKEYE PRODUCTS CO., Cincinnati. O.
See adv index at end of book
Howard Co. ("B," "C"), New Haven, Conn.
Maurer Henry & Son, 420 E 23d, New York.
National Sales Co. (Imp.), 31 E 13th, Cincinnati, Ohio
Refractory Materials Co., 30 Church, New York
Ross W. A. & Bro. (Imp. "Puriwachos"), 11 S William, New York
U. S. Gypsum Co., 205 W Monroe, Chicago, Ill.

2249-50—Cements (Furnace & Stove)

See Cements, Asbestos; also Cements, Elastic; also Putty Manufacturers, Stovemakers'
Armstrong Co. ("Tharco" Asbestos), 124 Post av, Detroit, Mich.
Buckeye Products Co., Cincinnati, O.
See adv index at end of book
Cambria Paint & Color Co. (Ltd.) ("Hercules"), Johnstown, Pa.
Carey Philip Mfg. Co. (Asbestos), 330 Wayne av, Lockland, Cincinnati, O.
Clinton Metallic Paint Co., Clinton, N. Y.
Colebrook's W. H. Sons ("Crown" Astos), Syracuse, N. Y.
Connors Wm. Paint Mfg. Co. ("American Seal Asbestos ... N. Y.
Dixon Joseph Crucible Co. (For Repairing Stove & Range Linings), Jersey City, N. J.
Howard Co., New Haven, Conn.
Johns H. W.-Manville Co., Madison av & 41st st, New York
National Sales Co., 31 E 13th, Cincinnati, Ohio
Otley Paint Mfg. Co. ("Eureka" for Jointing), 1742 N Winchester av, Chicago, Ill.
Pecora Paint Co. (Asbestos), 4th & Sedgley av, Philadelphia, Pa.
Quigley Furnace Specialties Co. ("Hytempite" for Furnaces), 26 Cortlandt, New York
Rutland Fire Clay Co. ("Rutland"), Rutland, Vt.
Tucker Mfg. Co., 17 E 137th, New York
Wainwright Jno. C. A. (Dry), Spring City, Pa.
Watson H. F. Co., Erie, Pa.
Wilhelm A. Co., Reading, Pa.
Williams Stove Lining Co. (Asbestos), Taunton, Mass.

Cements (Hydraulic)

See firms marked with a (*) under head of Cement Manufacturers

2251—Cements (Iron & Steel Filler)

Baizley John Iron Works ("Three Horses" Iron Cement), 514 S Delaware av, Phila., Pa.
Benskin Mfg. Co. (Steel), Canton, O.
Buckeye Products Co., Cincinnati, O.
See adv index at end of book
Clark Cast Steel Cement Co. ("Clark" Cast Steel for Blow Holes, etc.), Shelton, Conn.
Doggett Stanley ("Fill-It"), 11 Cliff, New York.
Federal Foundry Supply Co., 2639 E 79th, Cleveland, O.
Felton, Sibley & Co., 136 N 4th, Philadelphia. Pa.
Johns H. W.-Manville Co. ("J.-M. Ferro"), Madison av & 41st New York.
Lawrence W. W. & Co. ("Lawrence" Iron Filler), Pittsburgh, Pa.
Midvale Mining & Mfg. Co., Central National Bank bldg, St. Louis, Mo.
Otley Paint Mfg. Co. ("Eureka" Cast Iron Filler), 1742 N Winchester av, Chicago, Ill.
Pecora Paint Co., 4th & Sedgley av, Philadelphia, Pa.
Pittsburgh Crushed Steel Co., 61st & A. V. R. R., Pittsburgh, Pa.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Shanafelt Mfg. Co. ("X-Cel-All"), Canton, O.
Smooth-On Mfg. Co. ("Smooth-On"), 572 Communipaw av, Jersey City, N. J.
Turner J. S. Mfg. Co. ("Hold Tight"), Lowell, Mass.
U. S. Gutta Percha Paint Co. ("Rice's" Adamant for Blowholes in Castings, Leaks in Boilers, Piping, etc), 12-30 Dudley, Providence, R. I.
Wilhelm A. Co. ("Stick-to"), Reading, Pa.

2252—Cements (Keene's American)

Acme Cement Plaster Co. ("Acme"), Frisco bldg. St. Louis, Mo.
Best Brothers Keene's Cement Co., Medicine Lodge, Kansas
Pacific Portland Cement Co. Cons'd, Pacific bldg, San Francisco, Cal.

2253—Cements (Keene's Imported)

Fleming & Co., 253 B'way, New York
King J. B. & Co. ("J. B. White & Bros."), 17 State, New York
Miller Clifford L. & Co. ("Victoria"), 280 Madison av, New York
Revis Wm. H., 1123 B'way, New York
United States Gypsum Co. ("U. S. G"), 205 W Monroe, Chicago, Ill.

2254— Cements (Leather)

Ambroid Company, 227 Miller av, B'klyn, N. Y.
Major Mfg. Co., 120 W 31st, New York
Wood & Hare, 66 Leonard, New York

2255— Cements (Linoleum)

Ferdinand L. W. & Co. ("20th Century"), 154 Kneeland, Boston, Mass.
See adv index at end of book

LINOLEUM CEMENT.
L. W. Ferdinand & Co., 154 Kneeland St., Boston, Mass., U. S. A.—Twentieth Century Linoleum Glue-Cement for attaching linoleum to floors. Use Grade A for attaching any kind of floor covering to any kind of floor.

Pulsifer, Kingston Co. ("Linogrip"), 19 Eliot, Boston, Mass.
Wild Joseph & Co., 366 5th av, New York

2256-7—Cements (Locomotive & Boiler Front)

Forster Paint & Mfg. Co., Winona, Minn.
Franklin Mfg. Co. ("Franklin"), Franklin, Pa.
Frazer Paint Co. ("Frazer's" Non-Corrosive), Hubbard & M. C. R. R., Detroit, Mich.
Otley Paint Mfg. Co. ("Eureka Joint"), 1742 N Winchester av, Chicago, Ill.
Smooth-On Mfg. Co. ("Smooth-On"), 572 Communipaw av, Jersey City, N. J.
Wheeler Asahel Co. ("A-W" Steam Joint), 58 High, Boston, Mass.

2258—Cements (Non-Staining, Portland)

Atlas Portland Cement Co. ("Atlas-White"), 30 Broad, New York
Sandusky Cement Co. ("Medusa Brand"), Sandusky, O.

2259— Cements (Paving)

Barrett Co. (Coal Tar), 17 Battery pl, New York
Byerly & Sons ("Byerlyte"), 2489 W 4th, Cleveland, O.
General Roofing Mfg. Co. (Asphalt), Boatman's Bank bldg, St. Louis, Mo.
Texas Co. ("Texaco"), 17 Battery pl, New York
Warren Chemical & Mfg. Co., 17 Battery pl, New York

2260-1— Cements (Pipe Joint)

See also Compounds, Pipe Joints

Adjusto Specialty Co., Springfield, Mass.
Algonquin Slate Products Co., Worcester, Mass.
Arco Co., Euclid av & E 65th, Cleveland, O.
Atlas Paint Co., Sharpsburg, Pa.
Arlington Mfg. Co., Canton, O.
Baker W. T. ("76 Paste," "Stopa Leak"), 224 Suydam av, Jersey City, N. J.
Bostwick J. R. & H. J. ("Anti-Leak"), Clifton Springs, N. Y.
Buffalo Specialty Co., 375 Ellicott, Buffalo, N. Y.
Callahan Geo. & Co. ("Old Reliable"), 218 Front, New York
Clark Cast Steel Cement Co. ("Clark" Cast Steel), Shelton, Conn.
Colebrook's W. H. Sons, Syracuse, N. Y.
Crane Co. (Est. 1855), 836 S Michigan, Chicago, Ill.
For branch offices see Alphabetical Section
Crookston Wm. H. & Bro., 2449 3d av, New York
Dicks-Pontius Co., Dayton, O.
Dixon Joseph Crucible Co. (Plumbers, Steamfitters, etc.), Jersey City, N. J.
Doggett Stanley ("Fill-It"), 11 Cliff, New York
Eagle Paint & Varnish Co. ("Red Rustless Cement," Graphite Cement), North Side, Pittsburgh, Pa.
Frazer Paint Co. ("Frazer's" Non-Corrosive Pine Joint Paste), Hubbard & M. C. R. R., Detroit, Mich.
Gloria Mfg. & Supply Co., 354 W 17th, New York
Goetze Gasket & Packing Co. ("Goetze"), New Brunswick, N. J.
Hetzel J. G. (Est. of), 67 Main, Newark, N. J.
Hinds & Coon ("Coon"), 126 Pearl, Boston, Mass.
Johns H. W.-Manville Co. ("H.-O."), Madison av & 41st, New York
Marbleoid Co. ("Jointite"), 47 W 34th, New York
Modern Iron Works ("Economy"), Quincy, Ill.
Otley Paint Mfg. Co. ("Eureka" Steam Joint, etc), 1742 N Winchester av, Chicago, Ill.
Pacific Flush Tank Co. ("Jointite"), 4241 Ravenswood av, Chicago, Ill.
Prier Brass Mfg. Co. ("National"), Kansas City, Mo.
Rutland Fire Clay Co. ("Rutland"), Rutland, Vt.
Smooth-On Mfg. Co. ("Smooth-On"), 572 Communipaw av, Jersey City, N. J.
Starbuck R. M. & Sons ("Securo"), Hartford, Conn.
Stearns F. M. & Co. ("Elasko"), Jamestown, N. Y.
Thread-Light Company, 288 Bowery, New York
United States Graphite Co. (Mexican Graphite), Saginaw, Mich.
Wheeler Asahel Co. ("A-W" for Steam), 58 High, Boston, Mass.
Whitlam J. C. Mfg. Co. ("Tyte-Unyte"), Wadsworth, O.
Wilhelm A. Co., Reading, Pa.

Cements (Plumbers')

See also Cements, Pipe Joint

Cements (Portland)

See Cement Manufacturers
(Observe note immediately under the heading relating to Portland Cement & Hydraulic Cement)

2262— Cements (Retort)

Armstrong Co. ("Tharco Asbestos"), 124 Post av, Detroit, Mich.
Colebrook's W. H. Sons ("Crown," Asbestos), Syracuse, N. Y.
Franklin Mfg. Co. ("Franklin"), Franklin, Pa.
National Sales Co. (Imp.), 31 E 12th, Cincinnati, O.
Pecora Paint Co., 4th & Sedgley av, Philadelphia, Pa.
Rutland Fire Clay Co. ("Rutland"), Rutland, Vt.

2263— Cements (Rivet)

Otley Paint Mfg. Co. ("Eureka"), 1742 N Winchester av, Chicago, Ill.
Pecora Paint Co. (Marine), 4th & Sedgley av, Philadelphia, Pa.
Pecora Paint Co., 4th & Sedgley av, Philadelphia, Pa.
Smooth-On Mfg. Co. ("Smooth-On"), 572 Communipaw av, Jersey City, N. J.
United States Graphite Co. (Mexican Graphite), Saginaw, Mich.
U. S. Gutta Percha Paint Co. ("Rice's," for Hulls of Iron or Steel Vessels), 12-30 Dudley, Providence, R. I.

2264— Cements (Roofing)

See also Cements, Asbestos

ALCATRAZ CO., INC. ("Blackat" & Semi-Plastic), 3200 Williamsburgh av, Richmond, Va.
Arlington Mfg. Co., Canton, O.
Armstrong Co. ("Tharco" Elastic), 124 Post av, Detroit, Mich.
Atlas Paint Co., Sharpsburg, Pa.
Barber Asphalt Paving Co. ("Trinidad" Lake Asphalt), Land Title bldg, Phila., Pa.
Barrett Co., 17 Battery pl, New York
Bayerson Oil Works, Erie, Pa.
Bostwick J. R. & H. J. ("Root & Barron" Clastic), Clifton Springs, N. Y.
Briggs John & Co. ("Elastic," "Champion" Brand), 45 Purchase, Boston, Mass.
Byerly & Sons ("Byerlyte"), 2489 W 4th, Cleveland, O.
Callahan Geo. & Co., 218 Front, New York
Carey Philip Mfg. Co. ("Carey"), 330 Wayne av, Lockland, Concinnati, O.
Cartier M N & Sons Co. ("Lexonite"), 289 Canal, Providence, R. I.
Clinton Metallic Paint Co., Clinton, N. Y.
Coal Tar Product Co. ("Stag" Brand), 570 Smith, Brooklyn, N. Y.
Colebrook's W. H. Sons ("Crown" Elastic), Syracuse, N. Y.
Connors Wm. Paint Mfg. Co. ("American Seal" Elastic Oil), Troy, N. Y.
Delevan Mfg. Co., 65 Delevan, Brooklyn, N. Y.
Doggett Stanley, 11 Cliff, New York
Eagle Paint & Varnish Co. ("M. B. C."), N. S. Pittsburgh, Pa.
Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa. Works: Valley Forge, Pa.
Federal Process Co. ("Federal" Elastic), Cleveland, O.
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
General Roofing Mfg. Co. (Asphalt), Boatman's Bank bldg, St. Louis, Mo.
Gibson-Homans Co., 2366 Woodhill rd, Cleveland, O.
Glidden Varnish Co. (Liquid), 1755 W Madison av, Cleveland, O.
Grote Geo. W. & Co., 430 E 102nd, New York
Hascall Paint Co. ("Thermalite Plastic Roofing"), W 70th, Cleveland, O.
Heppes-Nelson Roofing Co. ("No Tar," Liquid), 4500 Fillmore, Chicago, Ill.
Hetzel J. G. (Est. of), 67 Main, Newark, N. J.
Hydro Damp-Proofing & Engineering Co., Pittsburgh, Pa.
Johns H. W.-Manville Co., Madison av & 41st, New York
Jones Paint Co. ("Stopleak"), Rome, N. Y.
Klein Mfg. Co. ("Graphilatum"), American Trust bldg, Cleveland, O.
Lucas John & Co., 322 Race, Phila., Pa.
Maire Paint Co. (Maire's Roof Cement), 329 Boston block, Minneapolis, Minn.
Merchant & Evans Co., 2035 Washington av, Phila., Pa.
See adv index at end of book
Monarch Paint Co. ("Seal-tite Plastic Roofing"), W 70th, Cleveland, O.
National Roofing Co., Tonawanda, N. Y.
Niksah Snow Guard Co., 5 Mt. Pleasant, Worcester, Mass.
Ohmlac Mfg. Co., 140 S Dearborn, Chicago, Ill.
Patent Vulcanite Roofing Co. ("Vulcanite"), 2256 W 49th, Chicago, Ill.
Pecora Paint Co., 4th & Sedgeley av, Philadelphia, Pa.
Republic Paint & Lead Works ("Wonderseal," "Plastic"), E 131st & Taft av, Cleveland, Ohio
Richmond Bros., 616 Main, Cincinnati, O.
Rutland Fire Clay Co. ("Rutland"), Rutland, Vt.
Standard Paint Co. ("Rubber-oid"), ("Imp. Asbestogum"), 233 B'way, N. Y.
Stowell Mfg. Co. (Asphalt), 240 Culver av, Jersey City, N. J.
Thompson & Co. ("Waterseal"), 1111 Galveston av, N. S., Pittsburgh, Pa.
Trinidad Asphalt Mfg. Co. ("Epure" Trinidad Asphalt), Title Guaranty Trust bldg, St. Louis, Mo.
Tucker Mfg. Co., 17 E 137th, New York
United Roofing & Mfg. Co. ("Congo," "Congoxide"), Morris bldg, Phila., Pa.
U. S. Gutta Percha Paint Co., 12-30 Dudley, Providence, R. I.
Victor Mfg. Co. ("Victor" Elastic), Newburyport, Mass.
Walters Mfg. Co., Fulton bldg, Pittsburgh, Pa.
Warren Chemical & Mfg. Co., 17 Battery pl, New York
Watson H. F. Co., Erie, Pa.
Webster William F. Cement Co., Cambridge, Mass.
Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.
Wilhelm A. Co. ("Royal"), Reading, Pa.
Woolsey C. A. Paint & Color Co., 50 Grand, Jersey City, N. J.

Cements (Rosendale)

See firms marked thus ** under head o Cement Manufacturers

When writing to firms listed in this book please, mention HENDRICKS' COMMERCIAL RECISTER

2265— Cements (Rubber)

See also Cements, Tire

Braintree Rubber Cement Co., S. Braintree, Mass.
Empire Tire & Rubber Corp., East Trenton, N. J.
Essex Rubber Co., Trenton, N. J.
Faultless Rubber Co., Ashland, O.
Franklin Co. ("Franklin" Rubber Solution), Bound Brook, N. J.
Goodrich B. F. Co., Akron, O.
Goodyear Tire & Rubber Co., Akron, O.
M. & M. Mfg. Co., Akron, O.
Major Mfg. Co., 120 W 31st, New York
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mattson Rubber Co., Lodi, N. J.
Mechanical Rubber Co. (Brush, Shoe, Steel, etc), ft Lisbon rd, Cleveland, O.
Michelin Tire Co., Milltown, N. J.
Miller Rubber Co., Akron, O.
Mulconroy Co., 54th & Jefferson, Phila., Pa.
National India Rubber Co., Bristol, R. I.
National Rubber & Specialties Co. ("Red Cross," "Anchor," "Auto Rubber," "Auto Tire"), Cincinnati, O.
N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
N. Y. Belting & Packing Co., 91 Chambers, New York
Peerless Rubber Mfg. Co., 31 Warren, New York
Pennsylvania Rubber Co., Jeannette, Pa.
Rice & Dayton Mfg. Co., Cedar Falls, Ia.
St. Louis Rubber Cement Co. ("Bestyet" Liquid & Hard "Standard"), 3046 Lambdin av, St. Louis, Mo.
Scituate Mills, Greenbush, Mass.
Van Cleef Bros., 7711 Woodlawn av, Chicago, Ill.
Wood Geo. H. Corp., 146 Summer, Boston, Mass.

Cements (Stainless Portland)

See Cements, Non-Staining, Portland

2266—Cements (Stone & Emery)

Pittsburgh Crushed Steel Co., 61st & A. V R. R., Pittsburgh, Pa.

Cements (Stove)

See Cements, Furnace & Stove; also Putty Manufacturers, Stovemakers'

2267— Cements (Tire)

See also Cements, Rubber

Alceme Mfg. Co. ("Kor-Ker"), 35 Bridge, Newark, N. J.
American Tire & Rubber Co. ("Five-Minute-Cure"), Akron, O.
Firestone Tire & Rubber Co. ("Firestone"), Akron, O.
Fisk Rubber Co., Chicopee Falls, Mass.
Goodrich B. F. Co. ("Goodrich"), Akron, O.
Hartford Rubber Works Co., Hartford, Conn.
M. & M. Mfg. Co. ("M. & M."), Akron, O.
Michelin Tire Co. ("Mastic"), Milltown, N. J.
National Cement & Rubber Co. ("High Pressure," "Pioneer," "Red Cross," "Anchor," "Auto Rubber" & "Auto Tire"), Toledo, O.
Tingley Chas. O. & Co., Rahway, N. J.

2268—Cements (White, for Mortar)

Higginson Mfg. Co. ("Higginson," for Plastering & Finishing Walls), Newburgh, N. Y.

2269—Cements (White Portland)

See also Cement Manufacturers: also Cements, Stainless Portland

Atlas Portland Cement Co. ("Atlas-White" Non-Staining), 30 Broad, New York
Sandusky Cement Co. ("Medusa"), Engineers bldg, Cleveland, O.

2270—Cemetery Care Stakes & Markers

QUADRIGA MFG. & SPECIALTY CO. (Bronze), 213 W Grand av, Chicago, Ill. *See adv index at end of book*

2271— Cemetery Railings

Anchor Post Iron Works, 167 B'way, New York
For branch offices see Alphabetical Section
Barnum E. T. (Wire & Iron Wks, 864 Woodward, Detroit, Mich.
Bolles J. E. Iron & Wire Works, 4th & Porter, Detroit, Mich.
Cabaret Paul E. & Co., 126 11th av, New York
Champion Iron Co., Kenton, O.
Dufur & Co., 311 N Howard, Baltimore, Md.
Enterprise Iron Works, Indianapolis, Ind.
GORHAM CO. ARCH'L BRONZE, 5th av & 36th, New York. Works: Providence, R. I. *See adv index at end of book*
Henry-Bonnard Bronze Co. (Bronze & Ornamental Iron), 20 Exchange pl, New York
Hoosier Fence Co. (Ornamental Steel Wire) Frankton, Ind.
Jackson Wm. H. Company, 2 W 47th, New York
McLean Jno., 440 Water, New York
Manhattan Brass Co., 332 E 28th, New York
Mast, Foos & Co., Springfield, O.
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
Newman Mfg. Co., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill.
See adv index at end of book
Smith F. P. Wire & Iron Works, 2350-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Stewart Iron Works Co., Covington, Ky.

2272— Centering (Steel)

Blaw Steel Construction Co. (Collapsible), Hoboken, Pa.
Cement Tile Machinery Co. ("S. & S." Collapsible Culvert), Waterloo, Iowa
Collapsible Joist Form Co., Finance bldg, Kansas City, Mo.
Concrete Form & Engine Co. (Collapsible Forms), Detroit, Mich.
Deslauriers Column Mould Co. (Corrugated for Floor Slabs of Reinforced Concrete), 311 Chestnut, St. Paul, Minn.
Hartford Construction Iron Wks. ("O'Connor" Collapsible), Hartford, Conn.
Heltzel Steel Form & Iron Co., Warren, O.
See adv index at end of book
Illinois Concrete Machine Co., Buda, Ill.
Jones W. B. Boiler Co., Streator, Ill.
Minneapolis Steel & Machy. Co., 29th & Drexel, Minneapolis, Minn.
Northwestern Steel & Iron Works (Sewer & Culvert Forms), Eau Claire, Wis.
Ransome-Leach Co., 115 B'way, New York
Reinforced Concrete Co. ("Reco" Continuous Patent Centering), 3830 Market, St. Louis, Mo.

2273— Centers (Bench)

Brown & Sharpe Mfg. Co., Providence, R. I.
Morse Twist Drill & Machine Co., New Bedford, Mass.

2274— Centers (Car Wheel)

Commonwealth Steel Co. (Open Hearth Locomotive Driving Wheel Centres), Pierce bldg, St. Louis, Mo.
New York Switch & Crossing Co. (Hard Steel), Hoboken, N. J.
Pittsburgh Equipment Co. (Open-Hearth Steel Locomotive Wheel Centers & Frames), House bldg, Pittsburgh, Pa.
Pittsburgh Steel Foundry (Open Hearth Steel Locomotive Wheel Center & Frames), House bldg, Pittsburgh, Pa.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Scullin Steel Co. (Driving Wheel Centres), 6700 Manchester av, St. Louis, Mo.
Standard Steel Works Co., Morris bldg, Philadelphia, Pa.
Taylor Electric Truck Co. ("Taylor" Malleable), Troy, N. Y.
Union Steel Casting Co. (Locomotive Driving Wheel Centers & Frames), Pittsburgh, Pa.
Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

2275— Centers (Cross Strap)

Searls Mfg. Co., 29 Mulberry, Newark, N. J.

2276— Centers (Index)

Brown & Sharpe Mfg. Co., Providence, R. I.
Carter & Hakes Machine Co. (Plain & Half Universal), Winsted, Conn.
Cincinnati Milling Machine Co., Cincinnati, Ohio
Dickow Fred. C. ("Universal"), 33 S Desplaines, Chicago, Ill.
Garvin Machine Co., 147 Varick, New York
Kempsmith Mfg. Co., West Allis, Wis.
Niles-Bement-Pond Co., 111 B'way, New York
Pratt & Whitney Co., Hartford, Conn.

Simmons Universal Index Centers

WITH CAPACITY TO SWING 10" IN DIAMETER

SIMMONS MACHINE COMPANY. Inc.

985 BROADWAY, ALBANY, N. Y.

NEW YORK OFFICE
801 SINGER BUILDING

DETROIT OFFICE
804 DIME BANK BUILDING

BUFFALO OFFICE
358 ELLICOTT SQUARE

CABLE ADDRESS: SIMMONS ALBANY

CENTERS (INDEX)—continued
Simmons Machine Co., Inc., 987 Broadway, Albany, N. Y.
See adv index at end of book
Stockbridge Machine Co., Worcester, Mass.

2277— Centers (Lathe)

STARK TOOL CO., Waltham, Mass.
See adv index at end of book

Centers (Locomotive Driving Wheel)

See Centers, Car Wheel

2278— Centers (Neck Yoke)

Adams E. B. & Son ("Adams" "Safety"), Racine, Wis.
Conn, A. H. ("Mountaineer," "Little Giant"), Cedar Rapids, Ia.
Covert Saddlery Works, Interlaken, N. Y.
Fernald Mfg. Co. (Adjustable), North East, Pa.
Gillette W. H. Mfg. Co., Louisville, Ky.
Imperial Bit & Snap Co., Racine, Wis.
Littleford Bros., 444 E Pearl, Cincinnati, O.
National Neck Yoke Co. ("Pearson," "National," "Rock Island," "Shuman"), Rock Island, Ill.
Pioneer Pole & Shaft Co. ("Acme"), Piqua, O.
Racine General Mfg. Co. ("Honest John"), Racine, Wis.
Reno Mfg. Co., Erie, Pa.
Studebaker Corp., South Bend, Ind.
Walton Neckyoke Centre Co., Gallatin, Mo.

2279— Centers (Planer)

Cincinnati Planer Co., Cincinnati, O.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Niles-Bement-Pond Co., 111 B'way, New York
Woodward & Powell Planer Co., Worcester, Mass.

2280—Centers (Sash & Transom)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Auer John Jr. (Wrought Iron), 197 Middleton, Brooklyn, N. Y.
Corbin P. & F., New Britain, Conn.
Driver C. H. & Kerr Co. (For Wood Sash), Racine, Wis.
Michigan Engine Valve Co. ("Howarth" Reversible), 115 Columbia W Detroit, Mich.
Norwalk Lock Co., South Norwalk, Conn.
Payson Mfg. Co. (Sash), 2918 W Jackson blvd, Chicago, Ill.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Wrightsville Hardware Co., Wrightsville, Pa.
Yale & Towne Mfg. Co., 9 E 40th, New York

2281— Centers (Shaper)

Fay & Scott, Dexter, Me.
Gould & Eberhardt, Newark, N. J.
Hendey Machine Co. ("Hendey"), Torrington, Conn.

2282— Centrifugals

See also Hydro-Extractors

American Tool & Machine Co. ("Weston," Belt Driven, Patent Water Driven & Patent Direct Connected Electrically Driven for Sugar & Chemicals, also for Laboratory or Experimental Use), 10 High, Boston, Mass.
Braun Electric Mfg. Co. ('Braun"), Canal, Dover, O.
International Equipment Co., 352 Western av, Boston, Mass.
Linstrom-Smith Co., 1104 S Wabash av, Chicago, Ill.
Remmers B. & Sons (Special, for Starch & Chemical Factories), 1227 Germantown, Phila., Pa.
Schaum & Uhlinger (Laboratory & By Products), 2d & Glenwood av, Phila., Pa.
Tolhurst Machine Works, Troy, N. Y.

2283—Centrifugals (Nitrating)

Schaum & Uhlinger, 2d & Glenwood av, Phila, Pa.
Tolhurst Machine Works, Troy, N. Y.

2284—Centrifugals & Mixers (Sugar)

American Laundry Machinery Co. (Centrifugals), Cincinnati, O.
American Tool & Machine Co. ("Weston" Centrifugals), 10 High, Boston, Mass.
Blymyer Iron Works Co. ("Triumph" with Hand Power Jack), Cincinnati, O.
Boland Machine & Mfg. Co., 1006 Tchoupitoulas, New Orleans, La.
Cresson-Morris Co. ("Morris-Weston"), Allegheny & 18th, Phila., Pa.
D'Olier Centrifugal Pump & Machinery Co., 1421 Chestnut, Phila., Pa.
Hepworth S. S. Co. ("Mackintosh" Ball Bearing), 2 Rector, New York
Krajewski-Pesant Corp., 54 Beard, Brooklyn, N. Y.
Mundt Chas. & Sons, 53 Fairmount av, Jersey City, N. J.
Murphy John H., 643 Magazine, New Orleans, La.
Pusey & Jones Co., ft of Poplar, Wilmington, Del.
Squire Geo. L. Mfg. Co., Buffalo, N. Y.
Stearns-Roger Mfg. Co., Denver, Colo.
Tolhurst Machine Works (Sugar Centrifugals Only), Troy, N. Y.
Wayte W. J., Inc. (Imp), 1 Liberty, New York

2285— Ceresine Importers

Bromund E. A. Co., 356 B'way, New York
Scheel, Wm. H., 159 Maiden la, New York
Schliemann's Oil & Ceresine Co., 25 Beaver, New York
Smith & Nichols, 121 Maiden la. New York
Salomon L. A. & Bro., 216 Pearl, New York
Strahl & Pitsch, 141 Front, New York

2285a— Cerium (Metallic)

Imex Corp., 23 Beaver, New York
Pfanstiehl Co., N Chicago, Ill.

2286— Cesspools

See also Drains, Floor

Advance Mfg. Co., Erie, Pa.
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Barber Mfg. Co., Ashtabula, O.
Barnes Mfg. Co., Mansfield, O.
Casey-Hedges Co., Chattanooga, Tenn.
Central Foundry Co. (Also Miscellaneous Accessories), 90 West, New York
Columbia Sanitary Mfg. Co., Louisville, Ky.
Crestline Mfg. Co. (Cast Iron), Crestline, O.
Essex Foundry, Murray, Newark, N. J.
Estabrook's R. Sons ("Estabrook" Deep Seal), 202 1st, Boston, Mass.
See adv index at end of book
Fleck Bros. Co., 44 N 5th, Phila., Pa.
Foote J. B. Foundry Co., Fredericktown, O.
Frantz Mfg. Co. (Cast Iron), Sterling, Ill.
Glenn Fred. E. (Bell Trap, etc), St. Charles, Ill.
Haines, Jones & Cadbury Co. ("Hajoca"), 1136 Ridge av, Phila., Pa.
Kokomo Brass Works (Brass Threaded), Kokomo, Ind.
Kupferle Jno. C. Foundry Co., 1st & Wright, St. Louis, Mo.
McDonald Foundry, Columbus, O.
Madison Foundry Co. ("Acme"), Cleveland, O.
Modern Iron Works (With Ball Traps, etc), Quincy, Ill.
Morris Iron & Steel Co., Frederick, Md.
Peck Bros. & Co., New Haven, Conn.
Rundle Mfg. Co. (Bell Trap), 27th & Wahl, Milwaukee, Wis.
Sanitary Cesspool Co. (Sanitary), 333 S 20th, Phila., Pa.
Steiger & Kerr Stove & Foundry Co., Folsom & 18th, San Francisco, Cal.
Sterling Foundry Co. ("Best"), Sterling, Ill.
Storch & Co. ("S. & S." Caulkable), 1102 Wolf, Phila., Pa.
Swett A. L. Iron Works, Medina, N. Y.
Union Metal Works, Chelsea, Mass.
Watertite Drain & Scupper Co. ("Anticlog"), 351 Lex. av, New York
Wolff L. Mfg. Co., 111 N Dearborn, Chicago, Ill.

2286a—*Chain (Electric Welded)

Columbus McKennon Chain Co., Columbus, O. *See adv index at end of book*

2287—Chain Links & Chain Punched

Alloy Steel Forging Co., Carnegie, Pa.
Bethlehem Steel Co., So. Bethlehem, Pa.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
HENDRYX ANDREW B. CO. (Chain Links), New Haven, Conn.
See adv index at end of book
Hoopes & Townsend Co., Broad & Buttonwood, Phila, Pa.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R. Ry., Phila., Pa.
See adv index at end of book
McKay Jas. Co., Pittsburgh, Pa.
Morgan Spring Co. (Chain Links), Worcester, Mass.
See adv index at end of book
Morse Chain Co., Ithaca, N. Y.
New Castle Steel & Iron Co., Pittsburgh, Pa.
New Jersey Foundry & Machine Co. ("Delta"), 89 West, New York
Pawtucket Mfg. Co., Pawtucket, R. I.
Rhode Island Tool Co., Providence, R. I.
Smith Thos. Co., Worcester, Mass.
Transue & Williams Steel Forging Corp. (Drop Forged Chain Links), Alliance, O.

2288— Chain Slings

COLUMBUS M'KINNON CHAIN CO., Columbus, O.
See adv index at end of book
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J. *See adv index at end of book*
Gerdes & Co., 42 Church, New York
See adv index at end of book
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Morse Chain Co., (For Cranes, etc), Ithaca, N. Y.
READING CHAIN BLOCK CORP., Reading, Pa.
White Hill Chain Works, Fieldsboro, N. J.
Weimer Chain & Iron Co., Lebanon, Pa.
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2289— Chain Stays

American Brass & Copper Co., 138 Lafayette, New York
American Pin Co. ("Ampinco" Brass), Waterbury, Conn.
Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
Detroit Sanitary Supply Co., 1191 Second, Detroit, Mich.
DuBois F. N. & Co., 247 9th av, N. Y.
Frost Mfg. Co., Kenosha, Wis.
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
Haydenville Co., Haydenville, Mass.
Hoffmann-Billings Mfg. Co., 100 2d, Milwaukee, Wis.
Mott J. L. Iron Works, Trenton, N. J.
Newhall Chain, Forge & Iron Co., 89 West, New York
Paragon Brass Mfg. Co., 1221 Superior, Cleveland, O.
Peck Bros. & Co., New Haven, Conn.
Reid R. W., 272 Kent av, Brooklyn, N. Y.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
Waterbury Mfg. Co., Waterbury, Conn.
Wolff L. Mfg. Co., 111 N Dearborn, Chicago, Ill.
Wolverine Brass Works, Grand Rapids, Mich.
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.
See adv index at end of book

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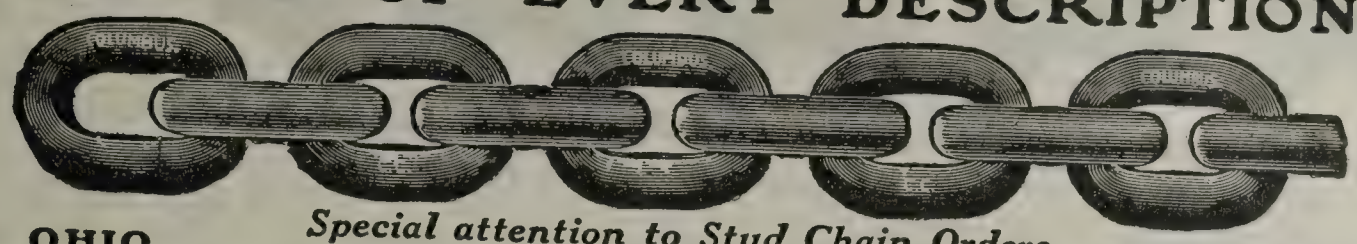

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2290— Chains (Agricultural)

American Chain Co., Bridgeport, Conn.
Bridgeport Chain Co., Bridgeport, Conn.
Carr J. B. Co., Troy, N. Y.
Chain Belt Co., Milwaukee, Wis.
Cleveland Galvanizing Works Co., ("Samson" & "Bull Dog" Weldless Wire), 3924 Cooper av, Cleveland, Ohio
COLUMBUS-M'KINNON CHAIN CO., Columbus, O.
See adv index at end of book
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
JEFFREY MFG. CO., 961 N. Fourth, Columbus, Ohio
See adv index at end of book
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Krein Mfg. Co., Wapakoneta, O.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
McKay Jas. Co., Pittsburgh, Pa. Works: McKees Rocks, Pa.
Morse Chain Co., Ithaca, N. Y.
Mundorf Chain Works, York, Pa.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Webster Mfg. Co., Tiffin, O.
White Hill Chain Wks., Fieldsboro, N. J.
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.
See adv index at end of book
Wyatt Thomas Mfg. Co. (Hand Made), 27 Wyatt, Providence, R. I.

2291— Chains (Aluminum)

Bridgeport Chain Co., Bridgeport, Conn.
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Smith & Egge Mfg. Co., Bridgeport, Conn.

2291a— *Chains (Anchor)

Columbus-McKinnon Chain Co. (Close & Stud Link), Columbus, O.
See adv index at end of book

2292— Chains (Anti-Skid)

American Chain Co. ("Weed"), Bridgeport, Conn.
Cleveland Chain & Mfg. Co., 2 A. B. C. RR, Cleveland, O.
Cleveland Galvanizing Works Co., ("Samson"), 3924 Cooper av, Cleveland, O.
Leather Tire Goods Co., Niagara Falls, N. Y.
Standley Skid Chain Co., Boon, Ia.
Ulfers-Holtum Mfg. Co. ("Bull Dog" Auto Grip), Freeport, Ill.
Unit Chain Co., Lippincott bldg., Phila., Pa.

2293—Chains (Anti-Spreader)

American Chain Co., Bridgeport, Conn.
Bridgeport Chain Co., Bridgeport, Conn.
Cleveland Galvanizing Works Co., 3924 E Cooper av, Cleveland, O.
Columbus-McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
Krein Mfg. Co., Wapakoneta, O.
Newhall Chain, Forge & Iron Co., 89 West, New York
WOODHOUSE WM. CHAIN WORKS Trenton, N. J.
See adv index at end of book

2294—Chains (Arc Lamp Suspension)

American Chain Co., Bridgeport, Conn.

2295— Chains (Automobile)

See Chains, Power Transmission

2296—Chains (Automobile Tire)

See Chains Anti-Skid

2297— *Chains (Awning)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

2298— Chains (Band)

Keuffel & Esser Co., Hoboken, N. J.

2299— Chains (Bead)

American Ball Chain Works, 12 Wooster, New York
Anylite Electric Regulator Co. (Brass Pull), Fort Wayne, Ind.
Bead Chain Mfg. Co., Bridgeport, Conn.
Hathaway Mfg. Co., Bridgeport, Conn.

2300— Chains (Bicycle)

Baldwin Chain & Mfg. Co. (Block), Worcester, Mass.
Diamond Chain & Mfg. Co., Indianapolis, Ind.
Duckworth Chain & Mfg. Co., Springfield, Mass.
Grant Gear Works, 151 Pearl, Boston, Mass. *See adv index at end of book*
Morse Chain Co., Ithaca, N. Y.
Whitney Mfg. Co., Hartford, Conn.

2301— Chains (Binder)

See also Chains, Log

American Chain Co., Bridgeport, Conn.
Bridgeport Chain Co., Bridgeport, Conn.
Columbus-McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
White Hill Chain Works, Fieldsboro, N. J.
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2302— *Chains (Bit)

See adv index at end of book
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.

2303— Chains (Block)

American Chain Co., Bridgeport, Conn.
Baldwin Chain & Mfg. Co., Worcester, Mass.
Columbus-McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Diamond Chain & Mfg. Co., Indianapolis, Ind.
Grant Gear Works, 151 Pearl, Boston, Mass. *See adv index at end of book*
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
Krein Mfg. Co., Wapakoneta, O.
Link-Belt Co., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P & R Ry., Phila., Pa.
See adv index at end of book
McKay Jas. Co., Pittsburgh, Pa. Works: McKees Rocks, Pa.
Monongahela Iron & Steel Co., Farmers Bank bldg, Pittsburgh, Pa.
Morse Chain Co., Ithaca, N. Y.
Newhall Chain, Forge & Iron Co., 89 West, New York
READING CHAIN BLOCK CORP., Reading, Pa.
Taylor S. G. Chain Co., 140 S Dearborn, Chicago, Ill.
White Hill Chain Works, Fieldsboro, N. J.
Whitney Mfg. Co., Hartford, Conn.
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2304— Chains (Brake)

American Chain Co., Bridgeport, Conn.
Carr J. B. Co., Troy, N. Y.
Columbus-McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Krein Mfg. Co., Wapakoneta, O.
McKay Jas. Co., Pittsburgh, Pa. Works: McKees Rocks, Pa.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York
Round D. & Son, Cleveland, O.
Steel Car Forge Co., Frick bldg, Pittsburgh, Pa. Works: Ellwood City, Pa.
Taylor Electric Truck Co., Troy, N. Y.
Taylor S. G. Chain Co., 140 S Dearborn, Chicago, Ill.
White Hill Chain Works, Fieldsboro, N. J.
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.
See adv index at end of book
Wyatt Thos. Mfg. Co. (Hand Made), 27 Wyatt, Providence, R. I.

2305— Chains (Brass)

Bliss A. H. & Co. (Small), North Attleboro, Mass.
Bridgeport Chain Co., Bridgeport, Conn.
Columbus-McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hale Bros. Co., Worcester, Mass.
HENDRYX ANDREW B. CO., New Haven, Conn. *See adv index at end of book*
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Smith & Egge Mfg. Co. (Cable), Bridgeport, Conn.

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Steele & Johnson Mfg. Co., Waterbury, Conn.
Turner & Seymour Mfg. Co., Torrington, Conn.
Waterbury Brass Goods Corp., Waterbury, Conn.

2306— Chains (Breast)

See also Chains, Coil

American Chain Co., Bridgeport, Conn.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Covert Mfg. Co. ("Yankee" New Patent), Troy, N. Y.
Covert Saddlery Works (Adjustable), Interlaken, N. Y.
Hayden-Corbett Chain Co., Columbus, O. *See adv index at end of book*
Krein Mfg. Co., Wapakoneta, O.
Mundorf Chain Works, York, Pa.
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.
Schartow Mfg. Co., Milwaukee, Wis.
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J. *See adv index at end of book*

2307— *Chains (Bright)

WOODHOUSE WM. CHAIN WORKS, Trenton, N. J. *See adv index at end of book*

2308— Chains (Bull)

Columbus-McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hayden-Corbettt Chain Co., Columbus, O. *See adv index at end of book*
LINK-BELT CO. ("Howe"), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. R. Ry., Phila., Pa. *See adv index at end of book*
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J. *See adv index at end of book*

2309—Chains (Cable & Marine)

American Chain Co., Bridgeport, Conn.
Bradlee & Co., 726 Richmond, Phila., Pa.
Carr J. B. Co., Troy, N. Y.
COLUMBUS-M'KINNON CHAIN CO., (Close & Stud Link), Columbus, O. *See adv index at end of book*
HAYDEN-CORBETT CHAIN CO. (Close & Stud Link), Columbus, O. *See adv index at end of book*
Jones & Laughlin Steel Co. (Closed & Stud Link), Ross, Pittsburgh, Pa.
Krein Mfg. Co., Wapakoneta, O.
McKay Jas. Co., Pittsburgh, Pa.
Monongahela Iron & Steel Co. ("Carter" Ball Bearing), Farmers' Bank bldg, Pittsburgh, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York
Nixdorff-Krein Mfg. Co., St. Louis, Mo.
Round D. & Son, Cleveland, O.
Smith & Egge Mfg. Co. (Cable), Bridgeport, Conn.
Weimer Chain & Iron Co. (Hand Made), Lebanon, Pa.
White Hill Chain Works, Fieldsboro, N. J
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J. *See adv index at end of book*
Wyatt Thos. Mfg. Co. (Hand Made), 27 Wyatt, Providence, R. I.

2310— Chains (Car Fender)

American Chain Co., Bridgeport, Conn.
Bridgeport Chain Co., Bridgeport, Conn.
Columbus-McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hayden-Corbett Chain Co., Columbus, O. *See adv index at end of book*
Newhall Chain, Forge & Iron Co., 89 West, New York
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J. *See adv index at end of book*

2311— Chains (Car Haul)

Columbus-McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hayden-Corbett Chain Co., Columbus, O. *See adv index at end of book*
Jeffrey Mfg. Co., 961 N Fourth, Columbus, Ohio *See adv index at end of book*
LINK-BELT COMPANY (Steel), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa. *See adv index at end of book*
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Stephens-Adamson Mfg. Co. ("S-A" Steel), Aurora, Ill.
White Hill Chain Works, Fieldsboro, N. J.

2312— Chains (Chandelier)

American Chain Co., Bridgeport, Conn.
Bliss Co., A. H., North Attleboro, Mass.
Columbus-McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Cryptofil Chain Co. (Chain with Concealed Wires), 140 Boylston, Boston, Mass.
Dallas A. C. & Son (& Fixtures), 225 N Jefferson, Chicago, Ill.
Hatheway Mfg. Co., Bridgeport, Conn.
National Chain Co. (Brass & Steel), College Point, L. I., N. Y.
Plume & Atwood Mfg. Co., Waterbury Conn.
Riess Light & Fixture Co., 415 Main, Cincinnati, O.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Universal Chain Co., Stroudsburg, Pa.

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Virden Co., Ashland rd & Longfellow, Cleveland, O.
Walsh Mfg. Co., O., 525 W 26th, New York
White Jos. H. Mfg. Co., 111 N 3rd, Brooklyn, N. Y.

2313— Chains (Coil)

American Chain Co., Bridgeport, Conn.
Bradlee & Co., 726 Richmond, Phila., Pa.
Bridgeport Chain Co. ("Triumph," "Brown," "Perfection"), Bridgeport Conn.
Cleveland Galvanizing Works Co. ("Samson," "Bull Dog"), 3924 Cooper av, N E, Cleveland, O.
Cleveland Wire Spring Co. ("Tenso"), Cleveland, O.
COLUMBUS-M'KINNON CHAIN CO. ("Common Proof," "B.B.," "B.B.B."), Columbus, O.
See adv index at end of book
Diamond Chain Co., York, Pa.
Gerdes & Co., 42 Church, New York
See adv index at end of book
HAYDEN-CORBETT CHAIN COMPANY ("Proof," "BB," "BBB"), Columbus, O. *See adv index at end of book*
JEFFREY MFG. CO., 961 N. Fourth, Columbus, Ohio
See adv index at end of book
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Krein Mfg. Co., Wapakoneta, O.
McKay Jas Co., Pittsburgh, Pa.
Monongahela Iron & Steel Co., Farmers Bank bldg, Pittsburgh, Pa.
Mundorf Chain Works, York, Pa.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Nixdorff-Klein Mfg. Co., 900 Howard, St. Louis, Mo.
Oneida Chain Co., Oneida, N. Y.
Round D. & Son, Cleveland, O.
Steel Car Forge Co., Frick bldg, Pittsburgh, Pa.
Taylor S. G. Chain Co., 140 S Dearborn, Chicago, Ill.
White Hill Chain Works, Fieldsboro, N. J.
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2314— *Chains (Contractors')

Columbus-McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hayden-Corbett Chain Co., Columbus, O. *See adv index at end of book*
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2315— Chains (Conveyor)

See also Belting, Chain or Link

American Chain Co., Bridgeport, Conn.
American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
Alloy Steel Forging Co., Carnegie, Pa.
Barber & Co., 2812 S Wabash av, Chicago, Ill.
BARTLETT C. O. & SNOW CO. (Malleable Drop Forged), French st, Cleveland, O. *See adv index at end of book*
Chain Belt Co., Milwaukee, Wis.
COLUMBUS-M'KINNON CHAIN CO. (Long Link Sprocket or Log-Haul-Up), Columbus, O.
See adv index at end of book
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
HAYDEN-CORBETT CHAIN CO., Columbus, O. *See adv index at end of book*
JEFFREY MFG. CO., 961 N. Fourth, Columbus, Ohio
See adv index at end of book
Jones & Laughlin Steel Co. (Link), Ross, Pittsburgh, Pa.
Krein Mfg. Co., Wapakoneta, O.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
Locke Steel Belt Co., Bridgeport, Conn.
McKay Jas. Co., Pittsburgh, Pa.
Michigan Sprocket Chain Co., Delray, Detroit, Mich.
Newhall Chain, Forge & Iron Co., 89 West, New York
Rivetless Chain & Engng. Co. (Steel), Avon, Pa.
Stephens-Adamson Mfg. Co. (Steel), Aurora, Ill.
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.
Union Chain & Mfg. Co. (Steel), Seville, O.
Union Malleable Iron Co., East Moline, Ill.
Webster Mfg. Co., Tiffin, O.
Weimer Chain & Iron Co., Lebanon, Pa.
White Hill Chain Works, Fieldsboro, N. J.
Wilmot Engineering Co. ("Keystone" Rivetless), Hazleton, Pa.
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.
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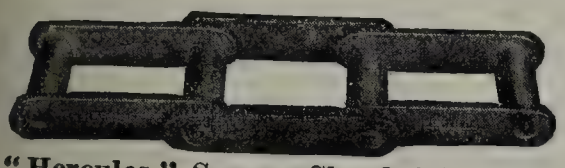
2316— Chains (Copper)

Bridgeport Chain Co., Bridgeport, Conn.
Cleveland Galvanizing Works Co., 3924 Cooper av, Cleveland, O.

2317— Chains (Cow Tie)

American Chain Co., Bridgeport, Conn.
Bridgeport Chain Co., Bridgeport, Conn.
Cleveland Galvanizing Works Co., 3924 Cooper av, Cleveland, O.
Cleveland Wire Spring Co. ("Tenso"), Cleveland, O.
Columbus-McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Krein Mfg. Co., Wapakoneta, O.
Mundorf Chain Works, York, Pa.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Nixdorff-Krein Mfg. Co., 900 Howard, St. Louis, Mo.
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.
See adv index at end of book



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See List of Agents in Alphabetical Index, end of Book

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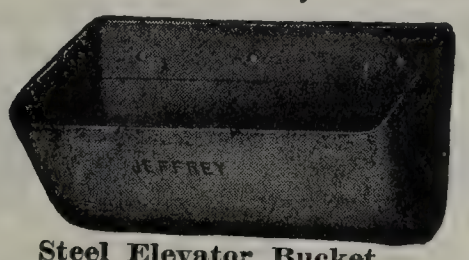

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2318— Chains (Crane)

American Chain Co., Bridgeport, Conn.
Bradlee & Co. ("D. B. G."), 726 Richmond, Phila., Pa.
Carr J. B. Co., Troy, N. Y.
Columbus McKinnon Chain Co. ("CC"), Columbus, O. *See adv index at end of book*
Gerdes & Co., 42 Church, New York
See adv index at end of book
HAYDEN-CORBETT CHAIN CO., Columbus, O. *See adv index at end of book*
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Krein Mfg. Co., Wapakoneta, O.
McKay Jas. Co., Pittsburgh, Pa. Works: McKees Rocks, Pa.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York
Nicholson & Co., Rankin, Pa.
READING CHAIN BLOCK CORP., Reading, Pa.
Round D. & Son (⅛ to 2½ inch), Cleveland, O.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Taylor S. G. Chain Co., 140 S Dearborn, Chicago, Ill.
Weimer Chain & Iron Co. (Hand Made), Lebanon, Pa.
White Hill Chain Works, Fieldsboro, N. J
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.
See adv index at end of book
Wyatt Thomas Mfg. Co. (Hand Made), 27 Wyatt, Providence, R. I.

2319—Chains (Detachable Sprocket Wheel)

Grant Gear Works, 151 Pearl, Boston, Mass.
See adv index at end of book
Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book

2320—Chains (Differential Pulley Block)

Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
Krein Mfg. Co., Wapakoneta, O.
McKay Jas. Co., Pittsburgh, Pa.
Newhall Chain, Force & Iron Co., 89 West, New York
Round D. & Son, Cleveland, O.
White Hill Chain Works, Fieldsboro, N. J.
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2321— Chains (Dog Lead)

American Chain Co., Bridgeport, Conn.
Bead Chain Co., Bridgeport, Conn.
Bridgeport Chain Co. ("Triumph" & "Brown"), Bridgeport, Conn.
Buchheimer Geo. H., 1004 Rutland av, Baltimore, Md.
Cleveland Galvanizing Works Co. ("Bull Dog"), 3924 Cooper av, Cleveland, O.
Cleveland Wire Spring Co. ("Tenso"), Cleveland, O.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Covert Saddlery Works, Interlaken, N. Y.
Ferree E. H. Co., Lockport, N. Y.
Hatheway Mfg. Co. ("Duplex" Reinforced), Bridgeport, Conn
HENDRYX ANDREW B. CO., New Haven, Conn. *See adv index at end of book*
Krein Mfg. Co., Wapakoneta, O.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Niagara Falls Metal Stamping Works Niagara Falls, N. Y.
Parker Wire Goods Co., Worcester, Mass.
Plume & Atwood Mfg. Co., Waterbury Conn.
Smith & Egge Mfg. Co., Bridgeport, Conn
Wire Goods Co., Worcester, Mass.
WOODHOUSE WM. CHAIN WORKS Trenton, N. J.
See adv index at end of book

2322— Chains (Double Jointed)

Jencks E. Mfg. Co. ("Universal"), Worcester, Mass.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book

2323— Chains (Drag)

American Chain Co., Bridgeport, Conn.
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
JEFFREY MFG. CO., 961 N. Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
Newhall Chain, Forge & Iron Co., 89 West, New York
Webster Mfg. Co., Tiffin, O.
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2324— Chains (Dredge)

Alloy Steel Forging Co., Carnegie, Pa.
American Chain Co. ("Ajax," "H. B."), Bridgeport, Conn.
American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
Bradlee & Co., 726 Richmond, Phila., Pa.
Carr J. B. Co., Troy, N. Y.
COLUMBUS McKINNON CHAIN CO. ("CC" & Steam Shovel), Columbus, O.
See adv index at end of book
Gerdes & Co., 42 Church, New York
See adv index at end of book
Haskell Wm. H. Mfg. Co. (Punched Link), Pawtucket, R. I.
HAYDEN-CORBETT CHAIN CO. ("Old Reliable"), Columbus, O.
See adv index at end of book
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Lebanon Chain Works, Lebanon, Pa.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
McKay Jas. Co., Pittsburgh, Pa. Works: McKees Rocks, Pa.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Newhall Chain, Forge & Iron Co. (Branded "Warwick" & "Trident"), 89 West, New York
Nicholson & Co., Rankin, Pa.
Nixdorff-Krein Mfg. Co., 900 Howard, St. Louis, Mo.
READING CHAIN BLOCK CORP., Reading, Pa.
Rhode Island Tool Co. (Drop Forged Link), Providence, R. I.
Round D. & Son, Cleveland, O.
Taylor S. G. Chain Co. (Steam Shovel), 140 S Dearborn, Chicago, Ill.
Weimer Chain & Iron Co. (Hand Made), Lebanon, Pa.
White Hill Chain Works, Fieldsboro, N. J.
Woodhouse, Samuel, Cleveland, O.
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2325— Chains (Elevator)

Alloy Steel Forging Co., Carnegie, Pa.
American Chain Co., Bridgeport, Conn.
American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
Baldwin Chain & Mfg. Co., Worcester, Mass.
Baldwin Chain Mfg. Co., Worcester, Mass.
Bridgeport Chain Co., Bridgeport, Conn.
Chain Belt Co., Milwaukee, Wis.
Cleveland Galvanizing Works Co., Cooper av, Cleveland, O.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
Howe Chain Co., Muskegon, Mich.
Hoopes & Townsend Co. (Drop Forged), Broad & Buttonwood, Phila., Pa.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
McKay Jas. Co., Pittsburgh, Pa. Works: McKees Rocks, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York
Rhode Island Tool Co. (Drop Forged Link), Providence, R. I.
Webster Mfg. Co., Tiffin, O.
White Hill Chain Works, Fieldsboro, N. J.
Wilmot Engineering Co. ("Keystone" Rivetless), Hazleton, Pa.
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2326— Chains (Fire Hydrant)

Bridgeport Chain Co., Bridgeport, Conn.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2327— Chains (Fish Net)

Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book

2328— Chains (Flower Pot)

HENDRYX ANDREW B. CO., New Haven, Conn. *See adv index at end of book*
Morgan Spring Co., Worcester, Mass.
See adv index at end of book

2329— Chains (Furnace)

Cleveland Galvanizing Works Co., 3924 Cooper, Cleveland, O.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2330—Chains (Galvanized Pump)

Bridgeport Chain Co., Bridgeport, Conn.
Cleveland Galvanizing Works Co., 3924 Cooper av, N E, Cleveland, O.
Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.
Niagara Falls Metal Stamping Works (Also Galvanized Coil Chains, etc). Niagara Falls, N. Y.

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ROEBLING'S JOHN A. SONS CO., Main Office: Trenton, N. J. Works Trenton & Roebling, N. J.
See adv index at end of book
Schriver O. P. & Co. ("L. X. L."), 621 E. Pearl, Cincinnati, O.
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2331—Chains (Gear Link Drive)

Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Morse Chain Co., Ithaca, N. Y.
Union Malleable Iron Co. ("Heald's" Patent), East Moline, Ill.

2332— Chains (German Coil)

Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*

2333— Chains (Halter)

American Chain Co., Bridgeport, Conn.
Bridgeport Chain Co., Bridgeport, Conn.
Cleveland Galvanizing Works Co., 3924 Cooper av, Cleveland, O.
Cleveland Wire Spring Co. ("Tenso"), Cleveland, O.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Covert Mfg. Co., Troy, N. Y.
Covert Saddlery Works, Interlaken, N. Y.
Diamond Chain Co., York, Pa.
Krein Mfg. Co., Wapakoneta, O.
Mundorf Chain Works, York, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Oneida Chain Co., Oneida, N. Y.
Sargent & Co., New Haven, Conn.
Smith & Egge Mfg. Co., Bridgeport, Conn.
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2334— Chains (Hame)

American Chain Co., Bridgeport, Conn.
Cleveland Galvanizing Works Co., 3924 Cooper av, Cleveland, O.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hayden-Corbett Chain Co., Columbus, O. *See adv index at end of book*
Kelsay Newton, Evansville, Ind.
Niagara Falls Metal Stamping Works ("Premax," "Dodson" & "Zenith"), Niagara Falls, N. Y.

2335-6— Chains (Hammock)

American Chain Co., Bridgeport, Conn.
Bridgeport Chain Co., Bridgeport, Conn.
Channon Jas. H. Mfg. Co., 22 W. Erie, Chicago, Ill.
Cleveland Galvanizing Works Co. ("Hodell" Flat Link "Samson," "Bulldog," Weldless Wire), 3924 Cooper av, Cleveland, O.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Covert Mfg. Co., Troy, N. Y.
Niagara Falls Metal Stamping Works Niagara Falls, N. Y.
Oneida Chain Co., Oneida, N. Y.

2337— Chains (Harness)

American Chain Co., Bridgeport, Conn.
Bridgeport Chain Co., Bridgeport, Conn.
Cleveland Galvanizing Works Co., 3924 Cooper av, Cleveland, O.
COLUMBUS McKINNON CHAIN CO., Columbus, O. *See adv index at end of book*
Diamond Chain Co., York, Pa.
Krein Mfg. Co. Wapakoneta, O.
Newhall Chain, Forge & Iron Co., 89 West, New York
Niagara Falls Metal Stamping Works (Harness Chain Sets), Niagara Falls, N. Y.
Nixon-Krein Mfg. Co., 900 Howard, St. Louis, Mo.
Starr W. C. & Son Co., Indianapolis, Ind.
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2338— Chains (Heel)

Cleveland Galvanizing Works Co., 3924 Cooper av, Cleveland, O.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Nixdorff-Krein Mfg. Co., 900 Howard, St. Louis, Mo.
Schartow Mfg. Co, Milwaukee, Wis

2339—Chains (High Speed, Silent Running)

Abell-Howe Co., 332 S Michigan av, Chicago, Ill. *See adv index at end of book*
American High Speed Chain Co., 401 S Illinois, Indianapolis, Ind.
Grant Gear Works, 151 Pearl, Boston, Mass. *See adv index at end of book*
LINK-BELT CO. ("Link-Belt"), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Morse Chain Co ("Morse"), Ithaca, N. Y.
Peerless-V-Belt Co. ("Peerless"), 608 S Dearborn, Chicago, Ill.
Whitney Mfg. Co. ("Whitney"), Hartford, Conn.

2340—Chains (Hitching or Mine Car)

American Chain Co., Bridgeport, Conn
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hayden-Corbett Chain Co., Columbus, O. *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
Krein Mfg. Co., Wapakoneta, O.
McKay Jas. Co., Pittsburgh, Pa. Works: McKees Rocks, Pa.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York
White Hill Chain Works, Fieldsboro, N. J.
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2341— Chains (Hog)

Lanz M. Sons, 2907 Carson, Pittsburgh, Pa.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Pittsburgh Rivet Co., 38th & Junction R. R., Pittsburgh, Pa.
Wendt Albert H., 456 E 2nd, Cincinnati, O.

2342— Chains (Hog Scraper)

LINK-BELT COMPANY (Steel), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

2343— Chains (Hoist)

American Chain Co., Bridgeport, Conn.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
HAYDEN-CORBETT CHAIN CO. ("Old Reliable" "XX"), Columbus, O.
See adv index at end of book
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
McKay Jas. Co., Pittsburgh, Pa. Works: McKees Rocks, Pa.
Newhall Chain, Forge & Iron Co. (Branded "Warwick" & "Trident"), 89 West, New York
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
White Hill Chain Works, Fieldsboro, N. J.
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J. *See adv index at end of book*

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2343a—Chains and Hooks (Tourniquet)

Hendryx Andrew B. Co., New Haven, Conn. *See adv index at end of book*

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Chains (Ice Elevator)

See Chains, Conveyor

2344— Chains (Jack)

See also Chains, Safety

Acme Manufacturing Co., Waterbury, Conn.
American Brass & Copper Co., 138 Lafayette, New York
Cleveland Galvanizing Works Co., 3924 Cooper av, Cleveland, O.
Corbin Screw Corporation (Iron & Brass, Single or Double), New Britain, Conn.
Hale Bros. Co., Worcester, Mass.
Hendryx Andrew B. Co., New Haven, Conn. *See adv index at end of book*

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Single and double styles made in brass or steel.
Twenty sizes. Used everywhere.
The Andrew B. Hendryx Co.
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LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
Mattatuck Mfg. Co., Waterbury, Conn.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Parker Wire Goods Co. (Brass & Iron), Worcester, Mass.
Plume & Atwood Mfg. Co. (Brass & Iron), Waterbury, Conn.
Smith & Egge Mfg. Co. (Brass & Iron), Bridgeport, Conn.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Turner & Seymour Mfg. Co., Torrington, Conn.
Waterbury Brass Goods Corp., Waterbury, Conn.
Wire Goods Co., Worcester, Mass.
Wire Hardware Co., 6126 S La Salle, Chicago, Ill.

Chains (Kennel)

See Chains, Dog Lead

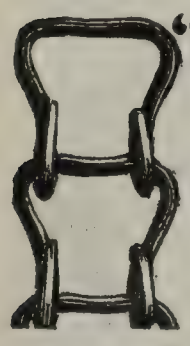
2345— Chains (Key)

Acme Mfg. Co., Waterbury, Conn.
Aluminum Goods Mfg. Co. (Aluminum), Manitowoc, Wis.
Ames Sword Co., Chicopee, Mass.
Atwater S. I. ("Good Luck"), 101 Lafayette, New York
Bead Chain Mfg. Co.
Boettiger Louis A. Co., 48 Leonard, New York
Bridgeport Chain Co., Bridgeport, Conn.
Cleveland Galvanizing Works Co., 3924 Cooper av, Cleveland, O.
Corbin Screw Corporation, New Britain, Conn.

CHAINS (KEY)—continued
Ferree E. H. Co., Lockport, N. Y.
Hatheway Mfg. Co. ("Duplex"), Bridgeport, Conn.
HENDRYX, ANDREW B. CO., New Haven, Conn.
See adv index at end of book
Niagara Falls Metal Stamping Works ("Premax" & "Expansion"), Niagara Falls, N. Y.
Smith & Egge Mfg. Co., Bridgeport, Conn.

2346-7— Chains (Ladder)

Corbin Screw Corporation, New Britain, Conn.
Grant Gear Works, 151 Pearl, Boston, Mass. *See adv index at end of book*
Hendryx Andrew B. Co., New Haven, Conn.
See adv index at end of book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Hanging Signs.
Art Novelties.
The A. B. Hendryx Company
New Haven, Conn.

Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Plume & Atwood Mfg. Co. (Brass & Iron), Waterbury, Conn.
Parker Wire Goods Co., Worcester, Mass.

2348—*Chains ("Link-Belt" Silent)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book

2349— *Chains (Loading)

Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hayden-Corbett Chain Co. ("XX"), Columbus, O.
See adv index at end of book

2350— Chains (Log)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Carr J. B. Co., Troy, N. Y.
Columbus McKinnon Chain Co., Columbus, O.
See adv index at end of book
Diamond Iron Works (Log or Cable Haul Up), 2nd & 18th av, N, Minneapolis, Minn.
Hayden-Corbett Chain Co. (Ring & Hook), Columbus, O.
See adv index at end of book
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Larkin J. K. & Co., 34 Reade, New York.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
McKay Jas. Co., Pittsburgh, Pa. Works: McKees Rocks, Pa.
Michigan Sprocket Chain Co., Delray, Detroit, Mich.
Mundorf Chain Works (Coil & Long Link), York, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York
Nicholson & Co., Rankin, Pa.
Nixdorff-Krein Mfg. Co., 900 Howard, St. Louis, Mo.
Round D. & Son, Cleveland, O.
Taylor S. G. Chain Co., 140 S Dearborn, Chicago, Ill.
White Hill Chain Works, Fieldsboro, N. J.
WOODHOUSE WM., CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2350a—*Chains (Log Haul-Up)

See also Chains, Rafting

Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book

2351—Chains (Loom, Friction)

American Chain Co., Bridgeport, Conn.
Cleveland Galvanizing Works Co., 3924 Cooper av, Cleveland, O.

2352— *Chains (Machine)

WOODHOUSE WM., CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2353— Chains (Machinery)

Baldwin Chain & Mfg. Co., Worcester, Mass.
Bridgeport Chain Co., Bridgeport, Conn.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Diamond Chain & Mfg. Co., Indianapolis, Ind.
Duckworth Chain & Mfg. Co., Springfield, Mass.
Grant Gear Works, 151 Pearl, Boston, Mass. *See adv index at end of book*
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
Morse Chain Co., Ithaca, N. Y
Niagara Falls Metal Stamping Works, Niagara, Falls, N. Y.
White Hill Chain Works, Fieldsboro, N. J.
Whitney Mfg. Co., Hartford, Conn.

2354— *Chains (Manganese)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry. Phila., Pa.
See adv index at end of book
Taylor-Wharton Iron & Steel Co. (Steel), High Bridge, N. J.

2355— *Chains (Marine)

Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
WOODHOUSE WM., CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2356—Chains (Mining Machine)

Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
Prox Frank Co. (Hardened Steel), Terre Haute, Ind.

2357—*Chains (Motorcycle)

Diamond Chain & Mfg. Co., Indianapolis, Ind.

2358—*Chains (Noiseless Belt Drive)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book

2359— Chains (Padlock)

Bridgeport Chain Co., Bridgeport, Conn.
Cleveland Galvanizing Works Co., 3924 Cooper av, Cleveland, O.
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book

2360— Chains (Pipe Hanger)

American Chain Co., Bridgeport, Conn.
Cleveland Galvanizing Works Co., 3924 Cooper av, Cleveland, O.
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book

2361— Chains (Plumbers')

See also Chains, Jack

Acme Mfg. Co., Waterbury, Conn.
American Brass & Copper Co., 138 Lafayette, New York
Bead Chain Mfg. Co., Bridgeport, Conn.
Bridgeport Brass Co., Bridgeport, Conn.
Bridgeport Chain Co., Bridgeport, Conn.
Cleveland Galvanizing Works Co., 3924 Cooper av, Cleveland, O.
Corbin Screw Corporation, New Britain, Conn.
Glauber M. & Co., 103 Varick, New York
Hatheway Mfg. Co. ("Duplex"), Bridgeport, Conn.
Hendryx Andrew B. Co., New Haven, Conn.
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Standard Steel and Brass
PLUMBERS CHAIN
Made of flat metal and solid links to run over pulleys or rollers. Adapted for plumbers use.
Manufactured by
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Mattatuck Mfg. Co., Waterbury, Conn.
Morgan Spring Co., Worcester, Mass.
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Parker Wire Goods Co., Worcester, Mass.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Rome Mfg. Co., Rome, N. Y.
Russell J. M. Mfg. Co., Naugatuck, Conn.
Smith & Egge Mfg Co., Bridgeport, Conn.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Turner & Seymour Mfg. Co., Torrington, Conn.
Waterbury Brass Goods Corporation, Waterbury, Conn.
Wire Goods Co., Worcester, Mass.

2362— Chains (Porch Swing)

American Chain Co., Bridgeport, Conn.
Bridgeport Chain Co., Bridgeport, Conn.
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Cleveland Galvanizing Works Co., 3924 Cooper av, Cleveland, O.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book

2363— Chains (Pot)

Andrews Wire & Iron Works, Rockford, Ill.
HENDRYX ANDREW B. CO., New Haven, Conn.
See adv index at end of book
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
National Mfg. Co. ("Natwire"), Worcester, Mass.
Parker Wire Goods Co., Worcester, Mass.
Wire Goods Co. ("King's-2-Ring"), Worcester, Mass.
Wire Hardware Co., 6126 S La Salle, Chicago, Ill.
Woods-Sherwood Co. ("Sensible," "King," 2 Ring and 2 Ring Glove, etc), Worcester, Mass.

2364—Chains (Power Transmission)

American High Speed Chain Co. (High Speed Silent), 401 S Illinois, Indianapolis, Ind.
Baldwin Chain & Mfg. Co. ("Baldwin," Drive), Worcester, Mass.

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SILENT CHAIN DRIVES

CONSERVE POWER

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Buffalo	698 Ellicott Square
Wilkes-Barre	2d National Bank Bldg.
Cleveland	429 Rockefeller Bldg.
Detroit	732 Dime Bank Bldg.
Knoxville, Tenn.	D. T. Blakey, Empire Bldg.
Birmingham	McCrossin & Darrah Am. Tr. Bldg.

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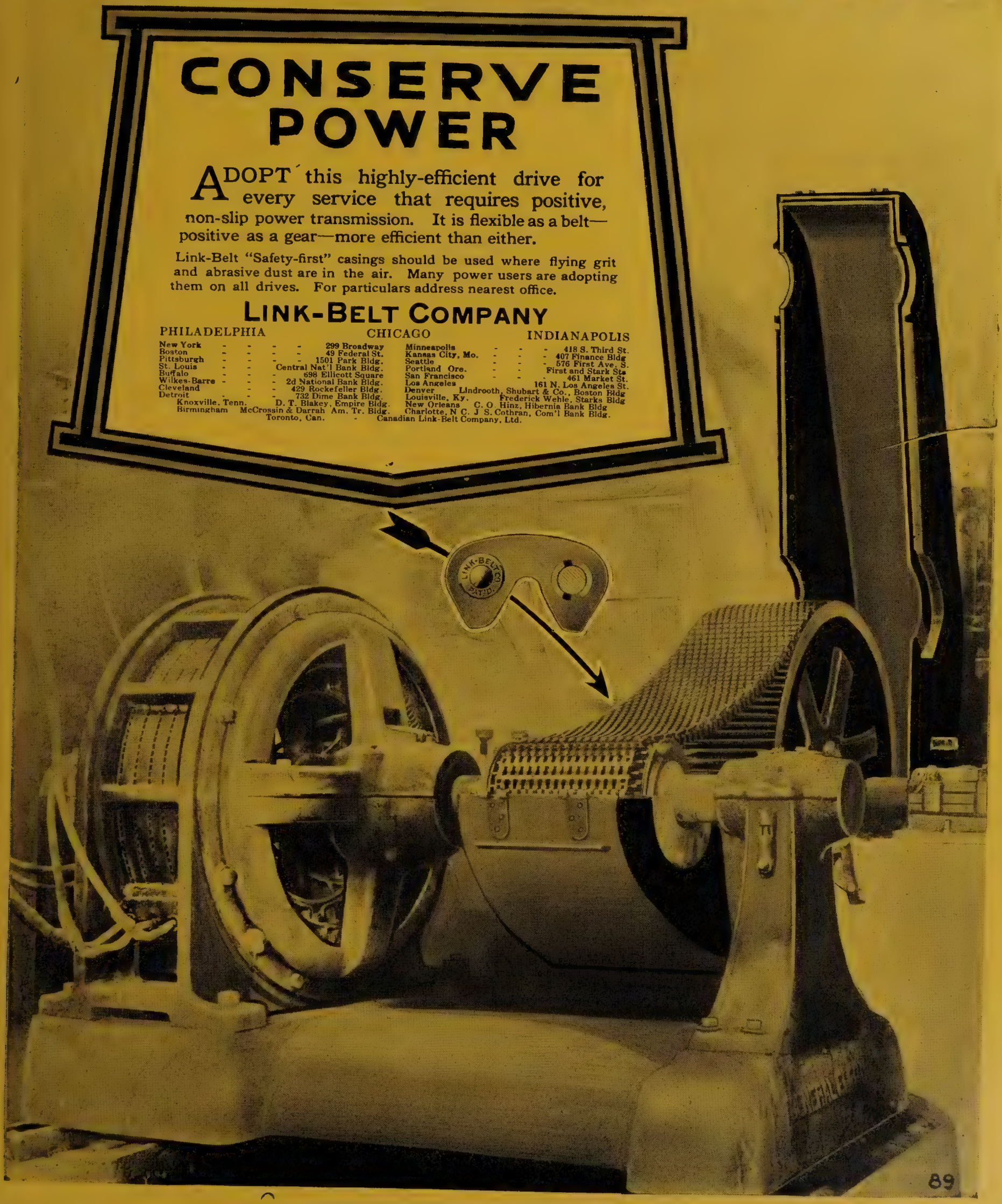
Seattle	576 First Ave. S.
Portland Ore.	First and Stark Sts
San Francisco	461 Market St.
Los Angeles	161 N. Los Angeles St.
Denver	Lindrooth, Shubart & Co., Boston Bldg
Louisville, Ky.	Frederick Wehle, Starks Bldg
New Orleans	C. O. Hinz, Hibernia Bank Bldg
Charlotte, N C.	J. S. Cothran, Com'l Bank Bldg.



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Diamond Chain & Mfg. Co., Indianapolis, Ind.
Duckworth Chain & Mfg. Co., Springfield, Mass.
Grant Gear Works, 151 Pearl, Boston, Mass. ***See adv index at end of book***
Hayden-Corbett Chain Co., Columbus, O. ***See adv index at end of book***
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT COMPANY ("Link-Belt" Silent, High Speed), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Michigan Sprocket Chain Co. (Riveted Drive), **Delray, Detroit, Mich.**
Miller Charles E. ("Brampton's" Imported), 97 Reade, New York
Morse Chain Co. ("Morse" High Speed, Silent Running), Ithaca, N. Y.
Newhall Chain, Forge & Iron Co. (Automobile), 89 West, New York
Peerless-V-Belt Co. ("Peerless," Noiseless High Speed Chain Drive), **608 S Dearborn, Chicago, Ill.**
Philadelphia Gear Works, East Vine, Phila., Pa.
Rhode Island Tool Co. (Drop Forged Link), Providence, R. I.
Pioneer Mfg. Co. ("Sealtite"), Cleveland, O.
Union Chain & Mfg. Co. (Stamped Steel), Seville, O.
Webster Mfg. Co., Tiffin, O.
Whitney Mfg. Co. (Silent Type), Hartford, Conn.

Chains (Pump)

See Chains, Galvanized Pump

2365— *Chains (Racking)

Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*

2366— Chains (Rafting)

American Chain Co., Bridgeport, Conn.
Carr J. B. Co., Troy, N. Y.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hayden-Corbett Chain Co., Columbus, O. ***See adv index at end of book***
Krein Mfg. Co., **Wapakoneta, O.**
McKay Jas. Co., Pittsburgh, Pa.; Works: McKees Rocks, Pa.
Newhall Chain, Forge & Iron Co., **89 West, New York**
White Hill Chain Works, **Fieldsboro, N. J.**
WOODHOUSE WM., CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2367— Chains (Railroad)

American Chain Co., Bridgeport, Conn.
Bridgeport Chain Co., Bridgeport, Conn.
Carr J. B. Co., Troy, N. Y.
Cleveland Galvanizing Works Co., 3924 Cooper av, Cleveland, O.
COLUMBUS McKINNON CHAIN CO., Columbus, O.
See adv index at end of book
HAYDEN-CORBETT CHAIN CO., Columbus, O. ***See adv index at end of book***
Jones & Laughlin Steel Co., **Ross, Pittsburgh, Pa.**
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
McKay James Co., **Pittsburgh, Pa.**
Newhall Chain, Forge & Iron Co., **89 West, New York**
O'Leary Arthur J & Sons Co. (Crossing & Switch) 65th & S 57th av, Chicago, Ill.
Round D. & Son, Cleveland, O.
Taylor S. G. Chain Co., **140 S Dearborn, Chicago, Ill.**
White Hill Chain Works, **Fieldsboro, N. J.**
WOODHOUSE WM., CHAIN WORKS, Trenton, N. J.
See adv index at end of book
Wyatt Thomas Mfg. Co. (Hand Made), 27 Wyatt, Providence, R. I.

2368— Chains (Rivetless)

Cross Engng. Co. ("Simplex"), **Carbondale, Pa.**
Wilmot Engng. Co. ("Keystone"), **Hazleton, Pa.**

2368a— *Chains (Roller)

See also Chains, Steel Bushed Roller

Abell-Howe Co., 332 S Michigan av, Chicago, Ill. *See adv index at end of book*

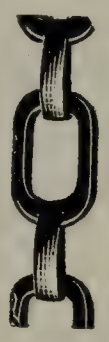
2369— Chains (Roofing)

New Castle Steel & Iron Co., Pittsburgh, Pa.

2370— Chains (Safety)

See also Chains, Jack; also Chains, Plumbers'

Acme Mfg. Co., Waterbury, Conn.
Bridgeport Chain Co., Bridgeport, Conn.
Cleveland Galvanizing Works Co., 3924 Cooper av, Cleveland, O.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Corbin Screw Corporation, New Britain, Conn.
Hayden-Corbett Chain Co., Columbus, O. ***See adv index at end of book***
Hendryx Andrew B. Co., New Haven, Conn. *See adv index at end of book*



"HENDRYX"
Standard Steel and Brass SAFETY CHAIN
for electrician's and plumber's use. Desirable for window sashes. Especially adapted for furnace connections.
Manufactured by
The Andrew B. Hendryx Co. New Haven, Conn.

Jones & Laughlin Steel Co., Ross, Pittsburg, Pa.
Krein Mfg. Co., Wapakoneta, O.
McKay Jas. Co., Pittsburgh, Pa.
Mattatuck Mfg. Co., Waterbury, Conn.
Morgan Spring Co., Worcester, Mass. *See adv index at end of book*
Parker Wire Goods Co., Worcester, Mass.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Russell J. M. Mfg. Co., Naugatuck, Conn.
Smith & Egge Mfg. Co., Bridgeport, Conn.
Steel Car Forge Co., Pittsburgh, Pa.; Works: Elwood City, Pa.
Turner & Seymour Mfg. Co., Torrington, Conn.
Waterbury Brass Goods Corporation, Waterbury, Conn.
White Hill Chain Works, Fieldboro, N. J.
Wire Goods Co., Worcester, Mass.

2371— Chains (Sash)

Acme Mfg. Co., Waterbury, Conn.
American Chain Co. (Weldless, "American"), Bridgeport, Conn.
Atlantic Co., 470 17th, Brooklyn, N. Y.
Bridgeport Chain Co. ("Monarch," "Bronze," "Bridgeport" Steel), Bridgeport, Conn.
Cleveland Galvanizing Works Co., 3924 Cooper av, Cleveland, O.
Connecticut Chain Co., 236 Middle, Bridgeport, Conn.
Jencks E. Mfg. Co. ("Universal" Double Jointed), Worcester, Mass.
Morgan Spring Co., Worcester, Mass. *See adv index at end of book*
Morton Thomas (Bronze & Steel Cable), 245 Center, New York
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Parker Wire Goods Co. ("Eureka"), Worcester, Mass.
Russell J. M. Mfg. Co., Naugatuck, Conn.
Smith & Egge Mfg. Co. ("Giant," "Red Metal"), Bridgeport, Conn.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Wire Goods Co., Worcester, Mass.
Zogg Nicholas ("Standard"), 226 E 144th, New York

2372— *Chains (Ship)

COLUMBUS McKINNON CHAIN CO., Columbus, O.
See adv index at end of book
Hayden-Corbett Chain Co., Columbus, O. ***See adv index at end of book***

2373— Chains (Sign)

Bridgeport Chain Co., Bridgeport, Conn.
Cleveland Galvanizing Works Co., 3924 Cooper av, Cleveland, O.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hayden-Corbett Chain Co., Columbus, O. *See adv index at end of book*
White Hill Chain Works, Fieldsboro, N. J.
WOODHOUSE WM., CHAIN WORKS, Trenton, N. J.
See adv index at end of book

Chains (Sling)

See Chain Slings

2374— Chains (Spreader)

Bridgeport Chain Co., Bridgeport, Conn.
Chain Belt Co., Milwaukee, Wis.
Cleveland Galvanizing Works Co., 3924 Cooper av, Cleveland, O.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hayden-Corbett Chain Co., Columbus, O. *See adv index at end of book*
Lebanon Chain Works, Lebanon, Pa.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Mundorf Chain Works, York, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.

2375—Chains (Sprocket Wheel)

American Chain Co., Bridgeport, Conn.
American High Speed Chain Co., 401 S Illinois, Indianapolis, Ind.
Atlanta Mfg. & Supply Co., Atlanta, Ga.
BADGER MALLEABLE & MFG. CO. (Detachable), South Milwaukee, Wis.
Boston Gear Works, Quincy, Mass.
Bridgeport Chain Co., Bridgeport, Conn.
Chain Belt Co., Milwaukee, Wis.
Cleveland Galvanizing Works Co., 3924 Cooper av, Cleveland, O.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Diamond Chain & Mfg. Co., Indianapolis, Ind.
Duckworth Chain & Mfg. Co., Springfield, Mass.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Grant Gear Works, 151 Pearl, Boston, Mass.
See adv index at end of book
HAYDEN-CORBETT CHAIN CO., Columbus, O. *See adv index at end of book*
Hendryx Andrew B. Co., New Haven, Conn.
See adv index at end of book

"HENDRYX"
SPROCKET CHAIN
of brass or steel is adaptable to all light drives.
requiring accuracy of pitch
Manufactured by
The Andrew B. Hendryx Co. New Haven, Conn.

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Lebanon Chain Works, Lebanon, Pa.
Link Chain Co. ("Arrow" Detachable), Williamsport, Pa.
Locke Steel Belt Co., Bridgeport, Conn.
McKay Jas. Co., Pittsburgh, Pa.
Michigan Sprocket Chain Co., Delray, Detroit, Mich.
Morse Chain Co., Ithaca, N. Y.
Newhall Chain, Forge & Iron Co., 89 West, New York
Nicholson & Co. (Hand Made), Rankin, Pa.
Round D. & Son, Cleveland, O.

CHAINS (SPROCKET WHEEL)—cont'd
Stephens-Adamson Mfg. Co. ("S-A"), Aurora, Ill.
Union Chain & Mfg. Co., Seville, O.
Webster Mfg. Co., Tiffin, O.
Weimer Chain & Iron Co., Lebanon, Pa.
White Hill Chain Works, Fieldsboro, N. J.
Whitney Mfg. Co., Hartford, Conn.
WOODHOUSE WM., CHAIN WORKS, Trenton, N. J.
See adv index at end of book

Chains (Stay)

See Chains, Wagon

2376—*Chains (Steam Shovel)

See also Chains, Dredge
COLUMBUS McKINNON CHAIN CO. ("Hercules" Solid Weld), Columbus, O.
See adv index at end of book
GERDES & CO., 42 Church, New York
See adv index at end of book
Hayden-Corbett Chain Co. ("Old Reliable" "XX"), Columbus, O.
See adv index at end of book

2377—Chains (Steel Bushed Roller)

Abell-Howe Co., 332 S Michigan av, Chicago, Ill. *See adv index at end of book*

HIGH SPEED CHAIN DRIVES

STEEL ROLLER AND RUSHING CHAIN

MALLEABLE CHAIN AND BUCKETS

ABELL-HOWE COMPANY
322 South Michigan Avenue
CHICAGO, ILL.

Baldwin Chain & Mfg. Co., Worcester, Mass.
Boland Machine & Mfg. Co. ("Malons's"), 1006 Tchoupitoulas, New Orleans, La.
Ill.
Chain Belt Co., Milwaukee, Wis.
Diamond Chain & Mfg. Co., Indianapolis, Ind.
Dow Wire & Iron Works, Louisville, Ky.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Jones, W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Michigan Sprocket Chain Co., Delray, Detroit, Mich.
Webster Mfg. Co., Tiffin, O.
Whitney Mfg. Co. (Detachable or Revised), Hartford, Conn.

2378— Chains (Stone)

Carr J. B. Co., Troy, N. Y.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
McKay Jas. Co., Pittsburgh, Pa. Works: McKees Rock, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York
Pollard Jos. G. (Fitted with Steel Hooks), 141 Raymond, Brooklyn, N. Y.
Weimer Chain & Iron Co., Lebanon, Pa.
White Hill Chain Works, Fieldsboro, N. J.
WOODHOUSE WM., CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2379—*Chains (Stone Conveyor)

Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

2380— Chains (Stud Link)

American Chain Co., Bridgeport, Conn.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Gerdes & Co., 42 Church, New York
See adv index at end of book
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
McKay Jas. Co., Pittsburgh, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York
White Hill Chain Works, Fieldboro, N. J.
WOODHOUSE WM., CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2381— Chains (Tie Out)

American Chain Co., Bridgeport, Conn.
Bridgeport Chain Co., Bridgeport, Conn
Cleveland Galvanizing Works Co., 3924 Cooper av, Cleveland, O.
Cleveland Wire Goods Co. ("Tenso") Cleveland, O.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Niagara Falls Metal Stamping Works Niagara Falls, N. Y.
Oneida Chain Co., Oneida, N. Y.
WOODHOUSE WM., CHAIN WORKS. Trenton, N. J.
See adv index at end of book

2382— Chains (Trace)

American Chain Co. ("El-Wel-Tra"), Bridgeport, Conn.
Bridgeport Chain Co., Bridgeport, Conn.
Carr J. B. Co., Troy, N. Y.
Cleveland Bolt & Mfg. Co., Cleveland. O.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Imperial Bit & Snap Co., Racine, Wis.
Krein Mfg. Co., Wapakoneta, O.
Mundorf Chain Works, York, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Nixdorff-Krein Mfg. Co., 900 Howard, St. Louis, Mo.
Round D. & Son, Cleveland, O.
Starr W. C. & Son Co., Indianapolis, Ind.
WOODHOUSE WM., CHAIN WORKS, Trenton, N. J. *See adv index at end of book*

2382a— Chains (Tractor)

Baldwin Chain & Mfg. Co., Worcester, Mass.

2383— Chains (Transfer)

BARTLETT C. O. & SNOW CO., French, Cleveland, O.
See adv index at end of book
Bridgeport Chain Co., Bridgeport, Conn.
Cleveland Galvanizing Works Co., 3924 Cooper av, Cleveland, O.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
Michigan Sprocket Chain Co., Delray, Detroit, Mich.
Moline Malleable Iron Co., St. Charles, Ill.
Webster Mfg. Co., Tiffin, O.

2383a— Chains (Transmission)

Craig Mfg. Co., Cedar Rapids, Ia.

2384— Chains (Transom)

Bridgeport Chain Co., Bridgeport, Conn.
Champion Hardware Co., Geneva, O.
Corbin P. & F., New Britain, Conn.
HENDRYX ANDREW B. CO., New Haven, Conn. *See adv index at end of book*
Ives H. B. Co., New Haven, Conn.
Payson Mfg. Co., 2918 W Jackson blvd, Chicago, Ill.
Reading Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn.
Smith & Egge Mfg. Co., Bridgeport, Conn.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

2385— *Chains (Tubular)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

2386— Chains (Wagon)

Cleveland Bolt & Mfg. Co., Cleveland, O.
Cleveland Galvanizing Works Co., 3924 Cooper av, Cleveland, O.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hayden-Corbett Chain Co. (Stud Link), Columbus, O.
See adv index at end of book
Krein Mfg. Co., Wapakoneta, O.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Mundorf Chain Works, York, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York
Nixdorff-Krein Mfg. Co., 900 Howard, St. Louis, Mo.
Starr W. C. & Son Co., Indianapolis, Ind.
White Hill Chain Works, Fieldsboro, N. J.
WOODHOUSE WM., CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2387— Chains (Welded)

American Chain Co., Bridgeport, Conn.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
Newhall Chain Forge & Iron Co., 90 West, New York
White Hill Chain Works, Fieldsboro, N. J.
WOODHOUSE WM., CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2388—Chains (Weldless Steel Wire)

American Chain Co., Bridgeport, Conn.
Bridgeport Chain Co. ("Triumph," "Perfection"), Bridgeport, Conn.
Cleveland Bolt & Mfg. Co., Cleveland, O.

2389— Chains (Well)

See also Chains, Galvanized Pump
American Chain Co., Bridgeport, Conn.
Bridgeport Chain Co., Bridgeport, Conn.
Cleveland Galvanizing Works, 3924 Cooper av, Cleveland, O.
COLUMBUS McKINNON CHAIN CO., Columbus, O.
See adv index at end of book
Garland Nut & Rivet Co. (Also Swing), Lawrence County, W Pittsburgh, Pa.
Krein Mfg. Co., Wapakoneta, O.
McKay Jas. Co., Pittsburgh, Pa. Works: McKees Rocks, Pa.
Mundorf Chain Works, York, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York
ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
WOODHOUSE WM., CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2390— Chains (Windmill)

Bridgeport Chain Co., Bridgeport, Conn.
Cleveland Galvanizing Works Co., 3924 Cooper av, Cleveland, O.
See adv index at end of book
COLUMBUS McKINNON CHAIN CO., Columbus, O.
See adv index at end of book
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
Krein Mfg. Co., Wapakoneta, O.
McKay Jas. Co., Pittsburgh, Pa.
White Hill Chain Works, Fieldsboro, N. J.
WOODHOUSE WM., CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2391— Chains (Wrecking)

American Chain Co., Bridgeport, Conn.
Carr J. B. Co., Troy, N. Y.
COLUMBUS McKINNON CHAIN CO., Columbus, O. *See adv index at end of book*
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Lebanon Chain Works, Lebanon, Pa.
McKay Jas. Co., Pittsburgh, Pa. Works: McKees Rocks, Pa.
Mundorf Chain Works, York, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York
Round D. & Son, Cleveland, O.
Taylor S. G. Chain Co., 140 S Dearborn, Chicago, Ill.
Weimer Chain & Iron Co. (Hand Made), Lebanon, Pa.
White Hill Chain Works, Fieldsboro, N. J.
WOODHOUSE WM., CHAIN WORKS, Trenton, N. J.
See adv index at end of book

Chair Cane

See Rattan & Reed Manufacturers.

2392— Chairs (Barbers')

Archer Mfg. Co., Rochester, N. Y.
Barker Jas., 6th & Cayuga, Phila., Pa.
Hanson Louis Co., 1500 N Kostner av, Chicago, Ill.
Kochs Theo. A. Co., 659 Wells, Chicago, Ill.
Koken Barbers' Supply Co., St. Louis, Mo.
Undeland A. L., Omaha, Neb.

Chairs (Bootblack)

See Chairs, Shoe Shining

Chairs (Cast Iron)

See Fountains, Vases, Etc.; also Settees & Chairs, Iron

2393—Chairs (Combination Step Ladder)

Austell Swing & Ladder Co. ("Miller"), Austell, Ga.
Bent S. & Bros., Gardner, Mass.
Clark J. R. Co., 2nd av N & Aldrich, Minneapolis, Minn.
Hartwig & Kemper, 316 W Pratt, Baltimore, Md.
Heywood Bros. & Wakefield Co., Gardner, Mass.
Holmquist & Co., W 35th & S Maplewood av, Chicago, Ill.
Independent Chair Co., 32 Pitts, Boston, Mass.
Kauffman Mfg. Co., Ashland, O.
Lattimer W. H. & Sons, Orwell, N. Y.
Lewisburg Chair Co., Lewisburg, Pa.
Nichols & Stone Co., Gardner, Mass.
Penn Swing & Ladder Co., Lancaster, Pa.
Steinfeld Bros., 116 W 32d, New York
Stokes Wm. A. & Co., 50 Howard, New York
Udell Works, Indianapolis, Ind.
Waite Chair Co., Baldwinsville, Mass.

2394— Chairs (Dental)

Archer Mfg. Co., Rochester, N. Y.
Harvard Co., Canton, O.
Ritter Dental Mfg. Co. ("Ritter"), Rochester, N. Y.
White S. S. Dental Mfg. Co., 12th & Chestnut, Phila., Pa.

2395— Chairs (Folding)

Burrowes E. T. Co. ("Burrowes Feather Weight"), Portland, Me.
Chicago Wire Chair Co. (Metal Frame), 619 N La Salle av, Chicago, Ill.
Crocker Chair Co., Sheboygan, Wis.
Curtiss Bros. (Camp), Richland, N. Y.
Fold Easy House Mfg. Co., McClure, Pa.
Ford & Johnson Co., 900 S Michigan av, Chicago, Ill.
Fox Geo. S. (Camp), 137 N. 6th, Phila., Pa.
Hartwig & Kemper, 316 W Pratt, Baltimore, Md.
Harwood's H. J. Sons, 27 Haymarket sq, Boston, Mass.
Hettrick Mfg. Co. (Canvas), Toledo, O.
Hincher Mfg. Co., Washington, Ind.
Imperial Bit & Snap Co. (Steel Auto), Racine, Wis.
Kalamazoo Sled Co., Kalamazoo, Mich.
Lattimer W. H. & Sons (Canvas), Orwell, N. Y.
Peabody School Furniture Co., North Manchester, Ind.
Phoenix Chair Co., Sheboygan, Wis.
Pick Albert & Co., 212 W Randolph, Chicago, Ill.
Readsboro Chair Co. (& Tables), Readsboro, Vt.
Simmons Co., Kenosha, Wis.
Standard Mfg. Co., Cambridge City, Ind.
Steinfeld Bros. (Also Folding Hammock Swinging Chairs), 116 W 32nd, New York
Stevens Chair Co. (Adjustable), 209 7th, Pittsburgh, Pa.
Sun Mfg. Co. (Camp & Lawn), Columbus, Ohio

2396— Chairs (Invalid)

See also Chairs, Reclining

Bernstein Mfg. Co. (Metal Reclining & Rolling, etc), 3d & Westmoreland, Phila., Pa.
Bloch Go-Cart Co., 1136 N American, Phila., Pa.
Bomgardner Mfg. Co., 1384 Hird av, Cleveland, O.
Ford & Johnson Co. ("Curtis"), 900 S Michigan av, Chicago, Ill.
Gendron Wheel Co., Toledo, O.
Hartwig & Kemper, 316 W Pratt, Baltimore, Md.
Kalamazoo Sled Co. (Rocking & Reclining), Kalamazoo, Mich
Colson Co. ("Worthington"), Elyria, O.
Rattan Mfg. Co., New Haven, Conn.
Sargent Mfg. Co., Muskegon, Mich.
Toledo Metal Wheel Co., Toledo, Ohio

2396a—Chairs (Iron and Canvas)

Haggard & Marcusson Co., 1109 W 37th, Chicago, Ill.
See adv index at end of book

2397— Chairs (Metal)

Andrews A. H. Co., 115 S Wabash av, Chicago, Ill.
Buffalo Metal Furniture Mfg. Co., Buffalo, N. Y.
Celina Specialty Co., Celina, O.
Chicago Wire Chair Co. (Chairs, Tables, Stools, etc.), 619 N La Salle av, Chicago, Ill.
Cleveland Wire Spring Co., Cleveland, O.
Ellsworth Mfg. Co., Toledo, O.
Ford & Johnson Co. (Wire Chairs & Tables), 900 S Michigan, Chicago, Ill.
Manufacturing Equipment & Engineering Co. ("Meeco" Chairs, Stools, Tables, etc), 136 Federal, Boston, Mass. Works: Framingham, Mass.
Royal Metal Mfg. Co. (Metal Chairs, Tables & Stools of Twisted Metal), 2318 S Western av, Chicago, Ill.

2398— Chairs (Pipe)

General Fire Extinguisher Co., Providence, R. I.

2399— Chairs (Rail)

Columbiana Boiler Co., Columbiana, O.
Lorain Steel Co. (Drop Forged, Used Under Shallow Girder or Tee Rails in Paved Streets), Johnstown, Pa.
Morden Frog & Crossing Works (Head Chairs), 208 S La Salle, Chicago, Ill.
Pettibone, Mulliken & Co. (Sampson Head Chairs), 140 S Dearborn, Chicago, Ill.
Weir Frog Co., Cincinnati, O.
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.

Chairs (Rattan)

See Furniture, Rattan & Reed

2400— Chairs (Reclining)

See also Chairs, Invalid

Andrews A. H. Co., 115 S Wabash av, Chicago, Ill.
Bernstein Mfg. Co. (Self-Propelling), 3rd & Westmoreland, Phila., Pa.
Fletcher Furniture Co., Nashua, N. H.
Ford & Johnson Co. ("Curtis"), 900 S Michigan, Chicago, Ill.
Hartwig & Kemper, 316 W Pratt, Baltimore, Md.
Hubbard Eldredge & Miller, Rochester, N. Y.
Kalamazoo Sled Co., Kalamazoo, Mich.
Lee Chair Co., Oneida, N. Y.
Phoenix Chair Co., Sheboygan, Wis.
Royal Chair Co., Sturgis, Mich.
Sargent Mfg. Co., Muskegon, Mich.
Scarritt-Comstock Furniture Corp., 817 Washington av, St. Louis, Mo.
Steinfeld Bros. (Porch Comfort, also Swinging), 116 W 32nd, New York
Stevens Chair Co., 209 7th, Pittsburgh, Pa.

2401— Chairs (Revolving)

Bent S. & Bros., Gardner, Mass.
Bodenstein & Kuemmerle, Lawrence & Girard, Phila., Pa.
Cleveland Store Fixture Co., Cleveland, O.
Closterman H., Atlas Bk. bldg, Cincinnati, O.
Columbus Aseptic Furniture Co., Columbus, Ohio
Cook C. A. Co. ("Quality" Office & Typewriter), Cambridge, Mass.
Crocker Chair Co., Sheboygan, Wis.
Crown Chair Co., Evansville, Ind.
Culler Furniture Co., Williamsport, Pa.
Davis Chair Co. (Office & Typewriter), Marysville, O.
De Frehn W. & Sons, Johnstown, Pa.
Dunn Jno. A. Co., Gardner, Mass.
Eclipse Mfg. Co. (Office Arm Chairs, etc) York, Pa.
Ehlers Robert J. Co., 125 E 46th, New York
Fort Smith Chair Co., Fort Smith, Ark.
Greenwood Associates, Gardner, Mass.
Gunlocke W. H. Chair Co., Wayland, N. Y.
Hale Co., 14 State, New York
Hartwig & Kemper, 316 W Pratt, Baltimore, Md.
Heywood Bros. & Wakefield, Gardner, Mass.
Hubbard, Eldredge & Miller, Rochester, N. Y.
Karpen S. & Bros., 900 S Mich., Chicago, Ill.
Kohn Jacob & Josef, 507 W 26th, New York
Logeman F. H. Chair Mfg. Co., 2000 N Main, St. Louis, Mo.
Marble B. L. Chair Co., Bedford, O.
Marble & Shattuck Chair Co., 96 Foster, Cleveland, Ohio.
Marietta Chair Co., Marietta, O.
Milwaukee Chair Co., 3022 Center, Milwaukee, Wis.
Murphy Chair Co. (Office), Russell & L. S. R R, Detroit, Mich.
Otsego Chair Co., Otsego, Mich.
Ott L. W. Mfg. Co., Indianapolis, Ind.
Phoenix Chair Co., Sheboygan, Wis.
Pierce S. K. & Son, Gardner, Mass.
Poughkeepsie Chair Co., Poughkeepsie, N. Y.
Retting Furniture Co., Grand Rapids, Mich.
Rossell Bros. & Co., 255 S 3d, Phila., Pa.
Royal Metal Mfg. Co., 2318 S Western av, Chicago, Ill.
Sikes Co., 23d & Passyk. av, Phila., Pa.
Sikes Consolidated Chair Co., 30 E 42d, New York
Southern Chair Co., High Point, N. C.
Suitt Bros. Mfg. Co., Cambridge, O.
Taylor Chair Co. (Office), Bedford, O.
Thonet Bros., 43 W 36th, New York
Toledo Metal Furniture Co. (Typewriter), Toledo, O.
Tonk Mfg. Co., 2028 Clybourn av, Chicago, Ill.
Union City Chair Co., Union City, Pa.
Webster Mfg. Co., Superior, Wis.

2402— Chairs (Shinglers')

C. & E. Mfg. Co. ("Titgrip"), Marshalltown, Ia.

2403— Chairs (Shoe Shining)

Archer Mfg. Co., Rochester, N. Y.
Buffalo Metal Furniture Mfg. Co. ("Universal"), Buffalo, N. Y.

2404— Chairs (Steamer)

See also Chairs, Reclining

Dillingham Mfg. Co., Sheboygan, Wis.
Harrison B. F. Mfg. Co., Arkville, N. Y.
Hartwig & Kemper, 316 W Pratt, Baltimore, Md.
Heywood Bros & Wakefield Co., Gardner Mass.
Mahoney E. H. Chair Co., Gardner, Mass
Phoenix Chair Co., Sheboygan, Wis.
Readsboro Chair Co., Readsboro, Vt.
Sun Mfg. Co., Columbus, O.

Chairs (Steel)

See Stools, Steel Factory & Office

Chairs (Step Ladder)

See Chairs, Combination Step Ladder

2405— *Chalk (Billiard)

AMERICAN CRAYON CO. (White & Colored, "Diamond," "Eureka"), 1300 Hayes av, Sandusky, O.
See adv index at end of book

2406— *Chalk (Bowling)

AMERICAN CRAYON CO. (Hand & Foot), 1300 Hayes av, Sandusky, O.
See adv index at end of book

2407— *Chalk (Carpenters')

AMERICAN CRAYON CO., 1300 Hayes av, Sandusky, O.
See adv index at end of book

2408— Chalk Importers

Buss H. & Co., 434 B'way, New York

2409— Chalk Mfrs.

AMERICAN CRAYON CO. (Carpenters', Bowling & Billiard), 1300 Hayes av, Sandusky, O., & Waltham, Mass.
See adv index at end of book
Binney & Smith Co. (All Kinds), 81 Fulton, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Higman Jno. W. Co. (In Bulk, Imp.), 29 B'way, New York.
McKesson & Robbins (Imp), 91 Fulton, New York
Steward D. M. Mfg. Co., Chattanooga Tenn.
Stickney, Tirrell & Co. (Importers), 31 Milk, Boston, Mass.
Taintor H. F. Mfg. Co. (Imp), 2 Rector, New York. Works: Bayonne, N. J.
Thomas Mfg. Co. (Prepared), 117 W. Camden, Baltimore, Md.

2410— Chalk (Precipitated)

Chrystal Chas. B. (Imp English), 13 Cliff, New York. *See adv index at end of book*
Doggett Stanley, 11 Cliff, New York
Dunn & Kruse (Imp), 63 Park Row, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Hillier's R. Son Co. (Imp), 100 William, New York
Industrial Chemical Co. (Extra Light, Light & Heavy Grades), 200 5th av, New York
Knappmann Wm. & Co., Grand, Brooklyn, N. Y.
National Aniline & Chemical Co. ("Sturgie" English), 21 Burling Slip, New York
Product Sales Co., 32 S Calvert, Baltimore, Md.
Thomas Mfg. Co. (English), 117 W Camden, Baltimore, Md.
Whittaker Clark & Daniels, Inc. (Imp), 50 Front, New York

2411—Chalk & Masons' Lines

Ashaway Line & Twine Mfg. Co., Ashaway, R. I.
Bibb Mfg. Co., Macon Ga.
Brownell Co., Moodus, Conn.
Draper W. H. & Sons. (Also Fish Lines), Troy, N. Y.
Gladding B. F. & Co. (Also Cotton, Linen & Silk Fish Lines), S Otselic, N. Y.
Lees Mfg. Co. ("Favorite"), Westport, Conn.
Samson Cordage Works, 88 Broad, Boston, Mass.
Silver Lake Co. ("Silver Lake"), Newtonville, Mass.
Tennessee Line & Twine Co., Elizabethton, Tenn.
Turner & Stanton Co., Norwich, Conn.

2412— Chambers (Air)

Anylite Electric Regulator Co., Fort Wayne, Ind.
Buckeye Iron & Brass Works, Dayton, O.
Hamilton Copper & Brass Works, Hamilton, Ohio.
Hercules Float Wks ("Hercules" Seamless Copper), 200 Franklin, Springfield, Mass.
Naugatuck Mfg. Co. (Seamless Copper), Naugatuck, Conn.
Zero Valve & Brass Mfg. Co., Buffalo, N. Y.

Chambers (Vacuum Drying)

See Vacuum Drying & Impregnating Apparatus

2413— Chamois Importers

American Silk Mfg. Co. (Raw & Pure White Silk), 4341 Orchard, Phila., Pa.
Bloch Joseph, 51 Cliff, New York.
Blum R, 108 Pearl, Boston, Mass.
Burk W. B. & Co., 6th & Arch, Phila., Pa.
Carbondale Sponge Co., 89 Fulton, New York
Drueding Bros. Co., 5th & Master, Phila., Pa.
Fuchs Max Co., 244 Pearl, New York
Greek-American Sponge Co., 300 W Randolph, Chicago, Ill.
Isaacs A. & Co., 58 Beekman, New York
Lampel F. L. (Imported), 315 Locust, St. Louis, Mo.
Lasker & Bernstein ("Red Seal"), 161 William, New York
Leousi, Clonney & Co., 39 Walker, New York
Moses A. Sons & Co., 73 Wooster, New York
National Sponge & Chamois Co., 158 William, New York
Niehaus Jos. Co., 341 W 4th, Cincinnati, O.
Weeks-Howe-Emerson Co., 90 Market, San Francisco, Cal.
White Son Co., 540 Atlantic av, Boston, Mass.
Young Richard Co., 36 Spruce, New York

2413a— Chandlery (Ship)

Roe & Conover, 206 Frelinghuysen av, Newark, N. J.
See adv index at end of book

2413b *Change Locks

Elmes Chas. F., Engng. Wks., Inc., cor. Fulton & Sangamon, Chicago, Ill.
See adv index at end of book

Changers (Lamp)

See Replacers, Incandescent Lamp

2414— Changers (Pole)

Cameron Appliance Co., 48 Waters av, Everett, Mass.
Holtzer-Cabot Electric Co. (Telephone), 125 Armory, Boston, Mass.
Kellogg Switchboard & Supply Co., 1066 W Adams, Chicago, Ill.
Warner Electric Co., Muncie, Ind.

2415—Channels (Steel, Furring & Lathing)

Kawneer Mfg. Co., Niles, Mich.
Sharon Steel Hoop Co. (Perforated & Light Metal), Sharon, Pa.
Youngstown Pressed Steel Co. (Perforated, Cripped & Light metal), Youngstown, Ohio

2416— Chaplets (Foundry)

See also Foundry Facings & Supplies

Angell Nail & Chaplet Co., Cleveland, O.
Burdick & Son (Core), Albany, N. Y.
Cheney S. & Son ("Erie" Grey Iron), Manlius, N. Y.
Christen Bellows & Mfg. Co., Main & Dock, St. Louis, Mo.
Cleveland Chaplet & Mfg. Co., 1197 W. 67th, N. W. Cleveland, O.
Cleveland Galvanizing Works Co., 3924 Cooper av, Cleveland, O.
Combined Supply & Equipment Co. ("Angle Stem"), 766-772 Grant, Buffalo, N. Y.
Crescent Brass & Pin Co., 1150 Trumbull, Detroit, Mich.
Fanner Mfg. Co. (Radiator, Wrought Iron, etc), Cleveland, O.
GEM MFG. CO., Goebel nr Fulton, N S, Pittsburgh, Pa.
See adv index at end of book

CHAPLETS (Foundry)
GEM GUARANTEE GOOD
GEM MFG. CO., Pittsburgh, Pa.

HILL & GRIFFITH CO. ("Haskins" Ventilated, "Peerless" Perforated, 1248 State av, Cincinnati, O. & Birmingham, Ala. *See adv index at end of book*
Hohlfelder F. Co., 1197 W. 67th, Cleveland, O.
Lindsay W. W. & Co., Harrison bldg, Phila., Pa.
Lovejoy C. H. Chaplet Co., Cambridge, N. Y.
McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.
One Piece Chaplet Works, 3327 Ludlow, Phila., Pa.
Patent Specialty Supply Co., Shushan, N. Y.
Pawtucket Mfg. Co., Pawtucket, R. I.
Philadelphia Chaplet & Mfg. Co., School la & P & R Ry, Wiss, Phila., Pa.
Pratt Chuck Co., Frankport, N. Y.
Shanafelt Mfg. Co., Canton, O.
United States Chaplet & Supply Co. (Tin Shell, Wrought Iron, Hinge Tubes, etc), 140 Cedar, New York

2417— Chaplets (Radiator)

Crescent Brass & Pin Co. (Double Head Chaplets), 1150 Trumbull, Detroit, Mich.
Pratt Chuck Co., Frankport, N. Y.

2418— Char Filters & Kiln

Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
Kilby Mfg. Co., Cleveland, O.
Squier Geo. L. Mfg. Co., Buffalo, N. Y.
Steacy-Schmidt Mfg. Co., York, Pa.
Wood R. D. & Co. ("Charcoal Filters"), 400 Chestnut, Phila., Pa

2419— Charcoal

Alabama Charcoal Co., Kansas City, Mo.
Ballard J. W. Co., Binghamton, N. Y.
Barnitz Geo. A., York, Pa.
Bell & Gossett (Leather), 609 W. 30th, Chicago, Ill.
Berger Bros., 1186 Cherry av, Chicago, Ill.
Boyne City Chemical Co., Boyne City, Mich.
Brown L. S. Charcoal Co. (Lump, Flour & Granulated, Carload Lots Only), 317 Main, Springfield, Mass.
Buckannon Chemical Co., Olean, N. Y.
Cadillac Chemical Co. (Retort), Cadillac, Mich.
Charcoal Supply Co. (Lump, Granulated & Powdered), 1186 Cherry av, Chicago, Ill.

Chemical Charcoal Co. (Chemical), 211 Fillmore av, Buffalo, N. Y.
Cleveland Cliffs Iron Co., Rockefeller bldg, Cleveland, O.
Clifford Bros., Ft. Wayne, Ind.
Cliffs Chemical Co., Goodman, Wis.
Coryville Chemical Co., Bradford, Pa.
Covey Durham Coal Co. (Wholesale), 431 S Dearborn, Chicago, Ill.
Cummer-Diggins Co. (Retort), Cadillac, Mich.
Day Chemical Co., Westline, Pa.
Doggett Stanley (Powdered), 11 Cliff, New York
du Pont, de Nemours & Co., E. I., Wilmington, Del.
Eastwood Chemical Co., Belleville, N. J.
Florida Wood Products Co., Jacksonville, Fla.
Forest Products Co., 1212 Whitney, New Orleans, La.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Industrial Chemical Co. (Powdered & Granulated), 200 5th av, New York
James Mfg. Co., Kane, Pa.
Keery Thos. Co., Hancock, N. Y.
Kingsport Wood Reduction Co., Kingsport, Tenn.
Lewis Run Mfg. Co., Bradford, Pa.
Long Island Charcoal Co., 212 24th, Brooklyn, N. Y.
McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.
MacKellar's R. Sons Co. (Powdered & Granulated), Peekskill, N. Y.
Manufacturers' Charcoal Co., Bradford, Pa.
Marvindale Chemical Co., Bradford, Pa.
Maryland Wood Products Co., Bradford, Pa.
Maskek Chemical & Iron Co., Wells, Mich.
Mitchell-Diggins Iron Co., Cadillac, Mich.
Mt. Hope Chemical Charcoal Works, Mt. Hope, Pa.
Newman E. B. Charcoal Co. (Lump Pulverized & Granulated), 548 W 25th, New York
Newton Chemical Co., Olean, N. Y.
Noble Electric Steel Co., 995 Market, San Francisco, Cal.
Norwich Chemical Co., Crosby, Pa.
Nusbaum Chemical Co., Bradford, Pa.
Oswayo Chemical Co., Bradford, Pa.
Pacific Guano & Fertilizer Co., 343 Sansome, San Francisco, Cal.
Perry-Hanna Mercantile Co., Beaty, Ark.
Phipps Charcoal Co. (Lump, Granulated & Powdered or Pulverized Hardwood), Ironton, Ohio
Rasmussen Charcoal & Fuel Co., St. Paul, Minn.
Rowand John R. (Re-carbonized, Pulverized & Granulated), Clementon, N. J.
Russell Chemical Co. (Ltd.), Russell, Pa.
Smith A. B. Chemical Co., Buffalo, N. Y.
Springfield Facing Co. (In Every Form), Springfield, Mass.
See adv index at end of book
Standard Charcoal Co., Bradford, Pa.
Stevens Frederick B. (Parting & Powdered), 3d & Larned, Detroit, Mich.
Sullivan Chemical Co., Acidalia, N. Y.
Union Charcoal Co., Straight, Pa.
Wiarda John C. & Co. (Powdered), 273 Greene, Brooklyn, N. Y.
Wittig F. & Co. (Lump, Granulated & Powdered), 36th & Greenfield av, Milwaukee, Wis.
Wright T. B. & Co. (Granulated & Pulverized), Mariners' & Merchants' bldg, Phila., Pa.
Wyman Chemical Co. (Chemical), Port Allegheny, Pa.

2420— Charcoal (Bone)

Baugh & Sons Co. (Animal Charcoal), 20 S. Delaware av, Phila., Pa.
Binney & Smith Co., 81 Fulton, New York
Empire Carbon Works, 415 Locust, St. Louis, Mo.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Seaver & Co., 120 Milk, Boston, Mass.

2421—Charging Sets (Automobile)

Dayton Electrical Mfg. Co. ("Dayton"), Dayton, O.
GENERAL ELECTRIC CO. (Arc Rectifier), Schenectady, N. Y.
See adv index at end of book
Lincoln Electric Co., Cleveland, O.
Richardson Engineering & Mfg. Co., Hartford, Conn.
Wagner Electric Mfg. Co., 6400 Plymouth av, St. Louis, Mo.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

2421a—Charging Sets (Storage Battery)

Auth Elec'l Spec. Co., 422 E. 53rd, New York
Burke Elec. Co., Erie, Pa.
Crocker-Wheeler Co., Ampere, N. J.
Cutler-Hammer Mfg. Co., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Eck Dynamo & Motor Co., Belleville, N. J.
See adv index at end of book
Elect'l Testing Co., Peoria, Ill.
Ellington Elec. Co., Quincy, Ill.
Fore Elec. Mfg. Co., St. Louis, Mo.
Hobart Bros. Co., Troy, O.
Holtzer-Cabot Elec. Co., 125 Amory, Boston, Mass.
Ideal Elec. & Mfg. Co., Mansfield, O.
Independent Elec. Macny. Co., 1917 Central, Kansas City, Mo.
JANTZ & LEIST ELECTRIC CO., Cincinnati, O. *See adv index at end of book*
Kenrick & Davis Co., Lebanon, N. H.
Main Elec. Mfg. Co., 500 Aiken av, Pittsburgh, Pa.
Nat. Elec. Controller Co., 154 Whiting, Chicago, Ill.
Reliance Instrument Co., 1135 W Van Buren, Chicago, Ill.
Robbins & Myers Co., 1400 Lagonda av, Springfield, O.
Russell E. L. Co., State Life bldg, Indianapolis, Ind.
St. Louis Elec'l Wks., 4060 Forest Pk, St. Louis, Mo.
Tritt Elec. Co., Union City, Ind.
Vesta Accumulator Co., 2100 Indiana av, Chicago, Ill.

2422—Charts (Hydrographic)

Rupp Michael & Co. (Imp.), 112 Broad, New York

2423— Chasers (Pipe Tap)

Pratt & Whitney Co., Hartford, Conn.

2424— Chasers (Screw)

Brubaker W. L. & Bros., Millersburg, Pa.
Card S. W. Mfg. Co., Mansfield, Mass.
Geometric Tool Co. ("Geometric" Chaser or Die Grinder), New Haven, Conn.
Polk A. J. & Son, Millersburg, Pa.

2425— Chases (Printers')

American Steel Chase Co. (All Steel), 38 Park row, New York
Golding Mfg. Co. (Electrically Welded), Franklin, Mass.
Schultz F. & Co., 164 N Clinton, Chicago, Ill.

2426—Check Blanks (Brass)

AMERICAN BRASS CO. (Also Copper), Waterbury, Conn.
For branch offices see adv index at end of book
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Niagara Falls Metal Stamping Works (Also Aluminum), Niagara Falls, N.Y.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Scovil Mfg. Co., Waterbury, Conn.
See adv index at end of book
Waterbury Brass Goods Corp., Waterbury, Conn.

2427— Check Perforators

Am. Perforating Co., Chicago, Ill.
Childs S. D. & Co., 136 S Clark, Chicago, Ill.
Cummins B. F. Co., 4740 W Ravenswood av, Chicago, Ill.
Ingersoll Robt. H. & Bro. ("J. H. Williams Patent"), 315 4th av, New York
New Era Mfg. Co., 450 4th av, New York
Pritchard Stamping Co., Rochester, N. Y.
Wesley Mfg. Co., 31 Beekman, New York

2428— Check Protectors

American Check Protector (Hand), 5th av bldg, New York
American Perforator Co. (Hand & Motor Driven), 617 W Jackson bvd, Chicago, Ill.
Atwater S. I. ("Alligator"), 101 Lafayette, New York
Cummins B. F Co., 4740 W Ravenswood av, Chicago, Ill.
Defiance Checkwriter Corp., Rochester, N. Y.
Defiance Mfg. Co. (Hand), 22 E. 41st, New York
F. & E. Check Protecting System (Machines), 227 W. Erie, Chicago, Ill.
Hedman Mfg. Co. ("F. & E."), 227 W Erie, Chicago, Ill.
Hill-Independent Mfg. Co., Emerald & Adams, Phila., Pa.
Ingersoll Robt. H. & Bro. ("J. H. Williams Patent"), 315 4th av, New York
Matthews James H. & Co., 3942 Forbes, Pittsburgh, Pa.
National Check Protection Co. (Machine), Minneapolis, Minn.
Perfection Check Protector Co. (Hand), Williamsport, Pa.
Roberts Numbering Machine Co., 706 Jamaica av, Brooklyn, N. Y.
Todd Protectograph Co. ("Protectograph," also "Protod" Forgery-Proof Checks & Drafts), 1050 University av, Rochester, N. Y.
Whitaker John Mfg. Co. ("Safe-Guard"), N Wales, Pa.

2428a— *Checkers

See also Toys, Games & Novelties
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

2429— Checks (Baggage)

American Railway Supply Co., 134 Charles, New York
Black A. S., 206 Longworth, Cincinnati, Ohio
Brass Goods Mfg. Co., 533 Union, Brooklyn, N. Y.
Dennison Mfg. Co., 26 Franklin, Boston, Mass.
Denney Tag Co., West Chester, Pa.
Dickey-Grabler Wks. (Brass), 118 Noble ct, Cleveland, O.
Dorman J. F. W. Co. (Brass), 526 N Calvert, Baltimore, Md.
Gibson A. A. Co., Buffalo, N. Y.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Hanson C. H. Co., 178 N Clark, Chicago, Ill.
Hoil Mfg. Co., 45 N Division, Buffalo, N. Y.
International Tag Co. (Paper & Cloth), 652 W Lake, Chicago, Ill.
Matthews Jas H. & Co., 3942 Forbes, Pittsburgh, Pa.
Mayer Geo. J., & Co., 36 S. Meridian, Indianapolis, Ind.
Meyer & Wenthe, 108 N Dearborn, Chicago, Ill.
Moise-Klinkner Co., 369 Market, San Francisco, Cal.
Mulinari P., 118 Light, Baltimore, Md.
New York Stencil Works, 100 Nassau, New York
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Pick Albert & Co., 212 W. Randolph, Chicago, Ill.
Robbins John Mfg. Co. (Also Red Fibre Key Tags), 58 Kneeland, Boston, Mass.
Sackman Mfg. Co. (Brass & Aluminum, for All Purposes), Akron, O.
Schwerdtle Stamp Co., 43 Cannon, Bridgeport, Conn. *See adv index at end of book*
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.
Spokane Stamp Works, Spokane, Wash.
Stafford N. Co., 67 Fulton, New York
Stewart R. A. & Co. (Brass), 201 B'way, New York
Volk Stamp & Stencil Co., 115 Griswold, Detroit, Mich.
Wilcox W. W. Co., 1735 Armitage av, Chicago, Ill.
Woodman R. Mfg. & Supply Co., 82 Sudbury, Boston, Mass.
Wright Greg. G. & Son, 119 Opera pl, Cincinnati, O.

2429a— Checks (Cash)

Arlington Works (E. I. du Pont de Nemours & Co.), 21 E. 40th, New York
Matthews James H. & Co. (Trade), 3942 Forbes, Pittsburgh, Pa.

2430— Checks (Celluloid)

Celluloid Co. (Cash, etc), 36 Washington pl, New York
Whitehead & Hoag Co., 272 Sussex av, Newark, N. J.

2431—*Checks (Factory Time)

DELAWARE HARD FIBRE CO. (Fibre), Wilmington, Del.; Works: Marshallton, Del. *See adv index at end of book*
MATTHEWS JAMES H. & CO. (Pay & Time), 3942 Forbes, Pittsburgh, Pa.
Pick Albert & Co., 212 W. Randolph, Chicago, Ill.
WILMINGTON FIBRE SPECIALTY CO. (Fibre), Wilmington, Del.
See adv index at end of book

2432— Checks (Screen Door)

Arcade Mfg. Co. ('Warner'), Freeport, Ill.
Caldwell Mfg. Co. ("Caldwell & Dime"), Rochester, N. Y.
Sargent & Co. ("The No Slam"), New Haven, Conn.
Superior Spring Hinge Co. ("Superior"), 136 W Lake, Chicago, Ill.

2432a— *Checks (Tool)

MATTHEWS JAMES H. & CO., 3942 Forbes, Pittsburgh, Pa.

2433— Checks (Trade)

Adams S. G. Stamp & Seal Co., 412 N 6th, St. Louis, Mo.
Aluminum Container Corp. (Aluminum), Fulton, N. Y.
Aluminium Goods Mfg. Co. (Aluminum), Manitowoc, Wis.
American Railway Supply Co., 134 Charles, New York
Gibson A. C. Co., Buffalo, N. Y.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Hanson C. H. Co., 178 N Clark, Chicago, Ill.
Kautz Fred C. & Co., 2633 W Lake, Chicago, Ill.
Matthews Jas. H. & Co., 3942 Forbes, Pittsburgh, Pa.
Mayer Geo. J. & Co., 36 S. Meridian, Indianapolis, Ind.
Moise-Klinkner Co., 369 Market, San Francisco, Cal.
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Noble & Westerbrook Mfg. Co., Hartford, Conn. *See adv index at end of book*
Pick Albert & Co., 212 W. Randolph, Chicago, Ill.
Schwerdtle Stamp Co., 43 Cannon, Bridgeport, Conn. *See adv index at end of book*
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.
Swisher R. D. Mfg. Co., 413 S Clinton, Chicago, Ill.

2434— Chemical Apparatus

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
American Scientific Instrument Co., 50 John, New York
Badger E. B. & Sons Co., 75 Pitts, Boston, Mass.
Baker F. M. Apparatus Co. (Dealers), Syracuse, N. Y.
Bausch & Lomb Optical Co., Rochester, N. Y.
Behrend F., 54 Front, New York
Berge J. & H., 95 John, New York
Boekel Wm. & Co., 518 Vine, Phila., Pa.
Braun Corporation, Los Angeles, Cal.
Braun-Knecht-Heimann Co., 576 Mission, San Francisco, Cal.
Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Caire Justinian Co., 573 Market, San Francisco, Cal.
Chicago Apparatus Co., 32 S Clinton, Chicago, Ill.
Daigger A. & Co., 54 W Kinzie, Chicago, Ill.
Denver Fireclay Co., Denver, Colo.
Devine J. P. Co., Buffalo, N. Y.
Elmer & Amend, 205 3d av, New York
ELYRIA ENAMELED PRODUCTS CO. (For Chemical & Food Manufacturing), Elyria, O.
See adv index at end of book
Feidt Geo. D. & Co., 244 N 5th, Phila., Pa.
Gerstein Bros. & Cooper, 3 W 3d, South Boston, Mass.
Graham Chas. Chemical Pottery Works, ("Stoneware," Acid Proof), 986 Met. av, Brooklyn, N. Y.
Greiner Emil Co., 55 Fulton, New York
Heil Henry Chemical Co., St. Louis, Mo.
International Instrument Co., 23 Church, Cambridge, Mass.
Klipstein A. & Co., 644 Greenwich, New York
Knott L. E. Apparatus Co., 79 Amherst, Cambridge, Mass.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Lummus Walter E. Co., 173 Milk, Boston, Mass.
Queen-Gray Co., 618 Chestnut, Phila, Pa.
Sargent E. H. & Co., 125 W Lake, Chicago, Ill.
Schutte & Koerting Co., 1251 N. 12th, Philadelphia, Pa.
Stoelting C. H. Co., 3047 Carroll av, Chicago, Ill.
Taunton Crucible Wks. (Black Lead Crucibles, Stoppers, Nozzles, Covers, Dips, Basins, Stirrers, Domes, etc, for Assayers & Refiners), Taunton, Mass.
Thermal Syndicate (Ltd.) ("Vitreosil" Pure Fused Silica Ware, Imp), 50 E 41st, New York
Thomas Arthur H. Co., W Washington sq, Phila., Pa.
University Apparatus Co., 2229 McGee av, Berkeley, Cal.
WERNER & PFLEIDERER CO., 1232 N Niagara, Saginaw, Mich.
See adv index at end of book

2435—Chemical Feed Devices For Water Treatment

Builders' Iron Foundry, 9 Codding, Providence, R. I.

2435a— *Chemical Porcelain

Ohio Pottery Co. ("Ohio"), Zanesville, O.
See adv index at end of book

2436—Chemicalizers for Street-Alley Flushing

Thompson Walter M., 1427 Plum, Cincinnati, O.

2437— Chemicals

* Indicates Manufacturers

See also index for specific item desired

*Abbott Laboratories, 4753 Ravenswood av, Chicago, Ill.
*Adler Color & Chemical Wks., 100 William, New York
*Alba Mfg. Co., Aurora, Ill.
Alexander G. S. & Co., Inc. Brokers & Dealers, 61 B'way, New York

G. S. Alexander & Co., Inc.
61 Broadway, New York
Chemicals, Potash Materials, Acids, Nitrate of Soda

*American Agricultural Chemical Co., 2 Rector, New York
American Aniline Products, Inc., 80 5th av, New York
*American Cynamid Co., 511 5th av, New York
American Zinc & Chemical Co., 61 B'way, New York
*Ames Merritt Chemical Works, Glens Falls, N. Y.
Apothecaries Hall Co. (Industrial Chemicals), Waterbury, Conn.
*Arminius Chemical Co., 44 Pine, New York
Ashcroft Wilkinson Co. (Mfrs.), Atlanta, Ga.
Aspinwall Geo. H., Inc., Corneilson av, Jersey City, N. J.
*Atteaux F. E. & Co., 174 Purchase, Boston, Mass.
*Avery Chemical Co., 88 Broad, Boston, Mass.
Baltic Chemical Co. (Textile), 183 Duane, New York
*Barrett Co., 17 Battery pl, New York
*Batelle & Renwick (Imp.), 80 Maiden la, New York
*Baugh & Sons Co., 20 S. Delaware av, Phila., Pa.
Bausch & Lomb Optical Co., Rochester, N. Y.
*Bayway Chemical Co., Elizabeth, N. J.
*Beckwith Chemical Co., 35th & Grays Ferry av, Phila., Pa.

Send Corrections and Additions to the Publishers

¶ THE PUBLISHERS do everything in their power to give complete and correct information in the Register. Nevertheless, a small proportion of omissions and errors are bound to occur.

Users will receive the grateful thanks of the publishers if they will send a note to the Editor of such errors and omissions as are noticed.

ESTABLISHED 1867

DANA AND COMPANY, Inc. 111 Broadway NEW YORK

Importers, Exporters and Manufacturers' Agents

HEAVY CHEMICALS

NAPTHALENE BALLS AND NAPTHALENE CRYSTALS
Prime White—Guaranteed Minimum M. P. 79 deg. C.
U. S. P. PHENOL—Guaranteed Minimum M. P. 38 deg. C.
(Natural Phenol)
ORTHO CRESOL—M. P. 27 deg.-29 deg. C. Sp. Gr. 1.05.
U. S. P. Cresol and Other Chemicals

EASTERN REPRESENTATIVES OF THE CHATFIELD MANUFACTURING COMPANY

Bidtel Chemical Wks., Inc., 51 Front, New York
*Binney & Smith Co., 81 Fulton, New York
Bird J. A. & W. & Co. (Heavy, Importers & Mfrs Agents), 88 Pearl, Boston, Mass.
Bischoff C. & Co. (Imp.), 451 Washington, New York
*Block Chemical Works (Barium), Berkeley, Newark, N. J.
Blue Seal Chemicals Co. (Drain Pipe Solvents), 417 E. 16th, New York
*Bower Henry Chemical Mfg. Co., 29th & Gray's Ferry rd, Phila., Pa.
BRAUN-KNECHT-HEIMANN CO. (Heavy, Industrial, Analytical Imptrs.), 576 Mission, San Francisco, Cal.
BRESLAUER A. (All Kinds of Industrial Chemicals, including Soda Ash, Caustic Soda, Bi-Carbonate Soda, Calcium Chloride, Cyanide Potassium, Eucalyptus Oil, Rosin, Dyestuffs), Am. Nat'l Bank bldg, San Francisco, Cal.
*Bulls Ferry Chemical Co., Shadyside, N. J.
*Burroughs Bros. Mfg. Co., Coca Cola bldg, Baltimore, Md.
Bush Beach & Gent (Paper Makers), 80 Maiden la, New York
*Butterworth-Judson Co., Av R, Newark, N. J.
*Calco Chemical Co., Bound Brook, N. J.
*Caledonia Chemical Co., Caledonia, N. Y.
Campbell C. Co. (Industrial), 11 Cliff, New York
*Canton Fertilizer & Chemical Co., Canton, O.
Caravel Co. (Brokers), 13-21 Park av, New York
*Carpenter-Udell Chemical Co., Grand Rapids, Mich.
*Central Chemical Co., 115 W Washington, Chicago, Ill.
*Central Dyestuffs & Chemical Co., Newark, N. J.
Chatfield Mfg. Co., Carthage, Cincinnati, O.
Chemical Supply Co. (Disinfectants. Insecticides), 2450 Canal rd, Cleveland, O.
Cherokee Chemical Co., 109 Hollingsworth, Baltimore, Md.
*Chicago Copper & Chemical Co., Western Union bldg, Chicago, Ill.

1897 TWENTY YEARS 1917

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*Cleveland Cliffs Iron Co., Cleveland, O.
CLINCHFIELD PRODUCTS CORP., 120 B'way, New York
*Cochrane Chemical Co., 148 State, Boston, Mass.
*Columbia Chemical Co., Pittsburgh, Pa.
*Commercial Chemical Co., Ludington bldg, Chicago, Ill.
Commonwealth Chemical Corp., Hoboken, N. J.
Cone Frederick H. & Co. (Industrial), 181 Front, New York
Consolidated Chemical Co., Kane, Pa.
*Consolidated Color & Chemical Co., 122 Hudson, New York
*Contact Process Co., Buffalo, N. Y.
Continental Salt & Chemical Co., 16 California, San Francisco, Cal.
Cooper Chas. & Co., 194 Worth, New York
Cooper & Cooper (Imp.), 309 B'way, New York
C. P. N. CHEMICAL CO., INC. (Jobbers), 78 Reade, New York, & 231 W Huron, Chicago, Ill.
*Coryville Chemical Co., Bradford, Pa.
Crescent Chemical Co., Phila., Pa.
*Crown Chemical Co., Indianapolis, Ind.
Daigger A. & Co., 54 W. Kinzie, Chicago, Ill.
DANA & CO., INC. (Heavy), 111 B'way, New York *See adv index at end of book*
*Davisson Chemical Co., Garrett bldg, Baltimore, Md.
Debrook Co., Inc. (Dealers), 15 Park row, New York
Dehls & Stein, Inc., 239 South, Newark, N. J.
*Delta Chemical Co., Wells, Mich.
*De Pree Chemical Co., 123 W Washington, Chicago, Ill.
Doggett Stanley, 11 Cliff, New York
*Dow Chemical Co., Midland, Mich.
Drake & Co., 904 Trks Hd. bl, Providence, R. I.
Drakenfeld B. F. & Co. (Importers), 50 Murray, New York
Dunker & Perkins (Distributors), 287 Atlantic av, Boston, Mass.

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Durese Chemical Corpn. (Industrial & Rubber), 320 Fifth av, New York
Durex Chemical Corp., 320 5th av, New York
Edgertyn Aniline Corpn. (Agts. & Whle.), 118 William, New York
Eimer & Amend (Jobbers, etc), 205 3d av, New York
*Erkenbrach Geo. A. Co., 115 Maiden la, New York
Eureka Fluid Wks. (Embalming Fluids), 1209 Valencia, San Francisco, Cal.
Farbwerke-Hoeshst Co. (Imp.), 122 Hudson, New York
Farmingdale Chemical Wks., Inc. (Heavy), Farmingdale, L. I., N. Y.
*Federal Chemical Co., Louisville, Ky.
Forbes Chas. M., Crocker bldg, San Francisco, Cal.
*Francis Chemical Co., 131 Washington, Providence. R. I.
Franzesconi J. C. & Co. (Brokers), 23 Beaver, New York
Fuerst Bros. & Co., 2 Stone, New York
Gabriel & Schall (Importers), 295 B'way, New York
Geisenheimer & Co. (Imp.), 134 Cedar, New York
*General Chemical Co., 25 Broad, New York
*Grant J. C. Chemical Co., East St. Louis, Ill.
*Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Hachmeister-Lind Chemical Co. (Barium Cyanide), Pittsburgh, Pa.
HARRISONS WKS. (Du Pont) (Commercial & Heavy) (U. S. P—not C. P.), 35th & Grays Ferry rd, Phila., Pa.

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Hellenic Chemical & Color Co., Inc., 429 W 13th, New York
Hemingway Frank, Inc. (Imp.), 115 B'way, New York
*Hercules Chemical Works, 1221 N Wells, Chicago, Ill.
*Herf & Frerichs Chemical Co. 4528 S B'way, St. Louis, Mo.
Herman & Herman (Dealers), 6 Church, New York
*Heyden Chemical Works, Garfield, N. J.
Hill C. W. Chemical Co. (Industrial), 623 San Pedro, Los Angeles, Cal.
*Hoffman & Kropff Chemical Co., Porter av, Brooklyn, N. Y.
Holliday-Kemp Co., Woodside, L. I., N. Y.
*Hooker Electro Chemical Co., Niagara Falls, N. Y.
INDUSTRIAL MINERALS CO., INC. (Commercial Minerals, Ores & Industrial Chemicals), Monadnock bldg, San Francisco, Cal.
*Industrial Chemical Co., 200 5th av, New York
*Innis, Speiden & Co., Inc. (Imp), 46 Cliff, New York
See adv index at end of book
International Chemical Co. (For Cleaning Metal Wks.), Camden, N. J.
Jarecki Chemical Co., Sandusky, O.
Jobbins Wm. F. (Bleaching, "Excelsior," Paragon & Persulphate of Iron), Aurora, Ill.
Jordan Com. E., Inc., G. M., 11 Cliff, New York
Johnson A. W. V., Mchts. Exchange, San Francisco, Cal.
*Joslin Schmidt Co., 3223 Spring Grove av, Cincinnati, O.
*Kalbfleisch Corp., 31 Union sq, New York
*Kali Mfg. Co. (Textile), 1406 N Front, Phila., Pa.
Katzenback & Bullock Co., 100 William, New York
*Keery Chemical Co., Hancock, N. Y.
*Keery Thos. Co., Hancock, N. Y.
Kirk Walter R., 327 S La Salle, Chicago, Ill.
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Kuttroff Pickhardt & Co. (Imp), 128 Duane, New York
*Lackawanna Chemical Co., Straight, Pa.
La Mont Chemical Co., Kane, Pa.
Lenz Apparatus Co., 9 E 16th, New York
Lockport Chemical Wks., Lockport, Ill.
Lufbery Geo. F. Jr., Elizabeth, N. J.
McCabe Chemical Co., Charleston, S. C.
*McMeekan David Mfg. Co. (Textile), 1070 Pacific, Brooklyn, N. Y.
*Mallinckrodt Chemical Works, 2d and Mallinckrodt, St. Louis, Mo.
Marble J. Russel & Co. (Heavy), Worcester, Mass.
Marden, Orth & Hastings Co. ("Mohco") (Imp. & Exp.), 61 B'way, New York
*Marvindale Chemical Co., Bradford, Pa.
Mathieson Alkali Wks., Inc., Niagara Falls, N. Y.
*Mechling Bros. Mfg. Co., Camden, N. J.
*Merck & Co., 45 Park pl, New York
*Merrimac Chemical Co., 148 State, Boston, Mass.
*Michigan Alkali Co., Wyandotte, Mich.
Miller Jos. B. (Imp), Financial bldg, Phila., Pa.
*Milltown Mfg. Co., Milltown, N. J.
Minard Run Chemical Co., Degolia, Pa.
MINER-EDGAR CO. (Acetic Acid & Solvents), 30 Church, New York
*Monsanto Chemical Wks., St. Louis, Mo.
*Montcalm Chemical Wks., Indianapolis, Ind.
*Mutual Chemical Co. of America, 55 John, New York
*National Ammonia Co., St. Louis, Mo.
National Aniline & Chemical Co., Inc., 21 Burling sl, New York
*National Aniline & Chemical Co., 100 William, New York
*National Chemical Co. of Cal., 526 S Alameda, Los Angeles, Cal.
*National Color & Chemical Wks., 59th & 11th ave, New York
*National Electrolytic Co., Niagara Falls, N. Y.
National Synthetic Co., Perth Amboy, N. J.
*Naugatuck Chemical Co. (Heavy), Naugatuck, Conn.
Newport Chemical Wks., Milwaukee, Wis.
Newport Hydro Carbon Co., Milwaukee, Wis.
*Niagara Electro Chemical Co. (Metallic Sodium & Sodium Peroxide), Niagara Falls, N. Y.
*Nitrated Chemicals Co., Inc., Lorain, O.
Nitrogenous Chemical Corpn., West End Trust bldg, Phila., Pa.
North American Chemical & Engineering Co. (For Boiler Feed Water Treatment), 23 Old Slip, New York
*Nusbaum Chemical Co., Bradford, Pa.
Oakland Chemical Co. (Dioxogen H2-02-12), 10 Astor pl, New York
Ohio Chemical & Mfg. Co., 250 Fremont, San Francisco, Cal.
Olivoint Chemical Co., 4273 California, San Francisco, Cal.
*Onyx Oil & Chemical Co., Jersey City, N. J.
*Pacific Ammonia & Chemical Co., St. Louis, Mo.
*Paper Makers Chemical Co., Easton, Pa.
*Partola Mfg. Co. (Heavy), 160 2d av, New York
*Penn Chemical Co., Susquehanna, Pa.
*Penn Chemical Works, 1332 Washington av, Phila., Pa.
Penna Salt Mfg. Co., Widener blvd, Phila., Pa.
*Penwarden E. Darwin, Carley Brook, Pa.
Perth Amboy Chemical Wks., Perth Amboy, N. J.
*Pfizer Chas. & Co., 81 Maiden la, New York
*Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.
*Primos Chemical Co., Primos, Pa.
*Provident Chemical Wks., St. Louis, Mo.
Quaker City Supply Co., Land Title bldg, Phila., Pa.
Rector Chemical Co., Inc. (Photographic), 2 Rector, New York
Rhodes Jas. H. & Co. (Industrial Chemicals), 157 W Austin av, Chicago, Ill.
*Roessler & Hasslacher Chemical Co., 100 William, New York
*Royal Chemical Co., Phenix, R. I.
*Russell Chemical Co., Russell, Pa.
Salomon L. A. & Bro., 216 Pearl, New York
Sanderson Fertilizer & Chemical Co., New Haven, Conn.
Schell Chemical Co., 56 Pine, New York
Schwenker W. M., Inc. (Heavy), 340-344 E 92nd, New York
*Sherwin-Williams Co., Cleveland, O.
*Solvay Process Co., Syracuse, N. Y.
*Squibb E. R. & Sons, 80 Beekman, New York
Stamford Mfg. Co. (Chemicals & Dyestuffs), 82 Wall, New York, Factory, Stamford, Conn.
Standard Chemical Co., 310 California, San Francisco, Cal.
Standard Chemicals & Metal Corp., 46 Cedar, New York
Standard Scientific Co., 147 Waverly pl, New York
*Stein, Hirsh & Co., 61 B'way, New York
*Swiss Colors Co., 80 5th av, New York
*Talbot Dyewood & Chemical Co., Lowell, Mass.
*Tartar Chemical Co., 156 5th av, New York
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Thayer E. M. & Co. (Imp.), 411 Atlantic av, Boston, Mass.
*Thayer Henry & Co., Cambridge, Mass.
*Thomsen Chemical Co., Munsey bldg, Baltimore, Md.
Tower Chemical Co., 258 B'way, New York
*Transatlantic Chemical Corp., Linden, N. J.
*United Chemical Companies, Kansas City, Mo.
University Apparatus Co., 2229 McGee av, Berkeley, Cal.
*Van Schaack Bros. Chemical Wks., 3358 Avondale av, Chicago, Ill.
*Vass Chemical Co., Danbury, Conn.
*Vera Chemical Co. (Papermakers), Hopkins & Willard av, N Milwaukee, Wis.
*Virginia-Carolina Chemical Co., Richmond, Va.
Wander S. & Sons Chemical Co., Albany, N. Y.
Wellman B. & Co., 132 Pearl, New York
*Western Chemical Products Co., 115 E South Water, Chicago, Ill.
*White Tar Co., 4 Cliff, New York
Whitelawn Bros. Chemical Co. (Jobbers), 309 S Wharf, St. Louis, Mo.
Wiarda John C. & Co. (For Glass, Enamel, Pottery, Textile, Steel, Varnish, Nickel & Electroplaters', etc), 273 Greene, Brooklyn, N. Y.
*Williamsburg Chemical Co. (Textile), 230 Morgan av, Brooklyn, N. Y.
*Wilson Chemical Co., Tyrone, Pa.
Wing & Evans (Jobbers), 22 William, New York
Winkler Isaac & Bro. (Whol.), 1st Nat. Bank bldg, Cincinnati, O.
*Wolf Jacques & Co. (Textile, etc), 369 Harrison, Passaic, N. J.
Worden Chemical Wks. (Textile), 4 Cedar, New York
*Wright Chemical Co., Susquehanna, Pa.

2438— Chemicals (Battery)

Baker & Winsor (Blue Vitriol), 189 Eddy, Providence, R. I.
Butterworth-Judson Co. (Blue Vitriol). Av R, Newark, N. J.
Chemical Importing & Mfg. Co. (Jobbers), 90 West, New York
Clendenin Bros. (Blue Vitriol), Central av & Fawn, Baltimore, Md.
Contact Process Co., Buffalo, N. Y.
Cooper Chas. & Co., 194 Worth, New York
Doggett Stanley, 11 Cliff, New York
Eimer & Amend, 205 3d av, New York
Fergusson Bros. (Blue Vitriol), 109 Chestnut, Phila., Pa.
General Chemical Co. (Blue Vitriol, etc), 25 Broad, New York
Globe Chemical Co., 1135 Regent av, Cincinnati, O.
Grasselli Chemical Co. (Blue Vitriol, Storage Battery Acid), Guardian bldg, Cleveland, O.
Harding & Fancourt, 516 S Del., Phila., Pa.

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Innis, Speiden & Co., Inc. (Blue Vitrol Jobbers), 46 Cliff, New York.
See adv index at end of book
Jaeck Hector C., 215 Russell, Brooklyn, N. Y.
Kalbfleisch Corp., 31 Union sq, New York

Klipstein A. & Co., 644 Greenwich, New York
Mallinckrodt Chemical Works, 2nd & Mallinckrodt, St. Louis, Mo.
Merck & Co., 45 Park pl, New York
Merrimac Chemical Co., 148 State, Boston, Mass.
National Zinc Co. (Battery Acid, etc), 61 B'way, New York
Nichols Copper Co. (Blue Vitriol), 25 Broad, New York
Picher Lead Co., 208 S La Salle, Chicago, Ill.
Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.
Railroad Supply Co., 203 S Dearborn, Chicago, Ill.
Riverside Acid Wks., Warren, Pa.
Roessler & Hasslacher Chemical Co., 100 William, New York
Western Chemical Mfg. Co., Denver, Colo.
White S. S. Dental Mfg. Co., 12th & Chestnut, Phila., Pa.
Wiarda John C. & Co. (Blue Vitriol), 273 Greene, Brooklyn, N. Y.

2439—Chemicals (Enamelers' & Glass Makers')

Daigger A. & Co., 54 Kinzie, Chicago, Ill.

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Roessler & Hasslacher Chemical Co., 100 William, New York
Wiarda J. C. & Co., 273 Greene, Brooklyn, N. Y.

2440—Chemicals (Fireworks)

Chemical Importing & Mfg. Co. (Selling Agents), 90 West, New York
Farmingdale Chemical Wks., Inc., Farmingdale, L. I., N. Y.

2441—Chemicals (Mantle, Incandescent Light)

Lieber H. & Co., 14 Platt, New York
Roessler & Hasslacher Chemical Co., 100 William, New York

Chemicals (Nickel & Electroplating)

See index of contents for specific item desired

2442—Chemicals & Gases (Liquified)

Liquid Carbonic Co., 3100 S Kedzie av, Chicago, Ill.
Northwestern Blaugas Co., St. Paul, Minn.
White S. S. Dental Mfg. Co., 12th & Chestnut, Philadelphia, Pa.

2443-4— Chemists

See also Assayers; also Laboratories

Allentown Testing Laboratory (Analytical & Consulting), Allentown, Pa.
Barrow Laboratory Co. (Analytical & Consulting), Memphis, Tenn.
Battle Laboratory (Analytical & Consulting), Montgomery, Ala.
Booth, Garrett & Blair (Metallurgical), 404 Locust, Phila., Pa.
Brown Laboratories (Analytical), Nashville, Tenn.
Carmichael Henry (Analytical & Consulting), 88 Broad, Boston, Mass.
Chemical Service Laboratories (Analytical & Consulting), Real Estate Trust bldg, Phila., Pa.
Curtis & Tompkins (Analytical), 331 California, San Francisco, Cal.
Daigger A. & Co., 54 W Kinzee, Chicago, Ill.
Davis Geo. C. (Metallurgical), 39 S 10th, Phila., Pa.
Davenport & Keeler, New Britain, Conn.
Deavitt H. M. (Analytical & Consulting), 209 S La Salle, Chicago, Ill.
Detroit Testing Laboratory, 674 Woodward, Detroit, Mich.
Eaton Laboratories, 340 Sansome, San Francisco, Cal.
Falkenburg & Laucks, Seattle, Wash.
Gascoyne & Co. (Analytical & Consulting), 27 S Gay, Baltimore, Md.
Gulick, Henderson Co., 145 W 30th, New York
Hamlin & Morrison (Analytical), 19 S 4th, Phila., Pa.
Hanks A. A. (Analytical), 630 Sacramento, San Francisco, Cal.
Holtzendorf Laboratories (Analytical), Memphis, Tenn.
Kann Robt. (Analytical), 124 Front, New York
Kawin Chas. C. Co., 417 S Dearborn, Chicago, Ill.
Lippman & Sugarman, 135 Stockton, San Francisco, Cal.
Little Arthur D., Inc., 93 Broad, Boston, Mass.
Mariner & Hoskins, 111 W Monroe, Chicago, Ill.
Maywald Frederick J., 133 Water, New York
Meade Laboratories, Law bldg, Baltimore, Md.
Miles Geo. W. (Analytical & Consulting), 88 Broad, Boston, Mass.
Pacific Wasserman Laboratories, Pacific bldg, San Francisco, Cal.
Perkins Geo. E. (Analytical & Consulting), 1620 Smith, Providence, R. I.
Picard-Law Co. (Consulting & Analytical) Atlanta, Ga.
Pitkin Lucius (Analytical & Consulting), 47 Fulton, New York
Pratt N. P. Laboratory (Analytical), Atlanta, Ga.
Sadtler Sam'l P. & Son (Consulting & Analytical), 210 S 13th, Phila., Pa.
Saunders & Franklin (Analytical & Consulting), 184 Whittier av, Providence, R. I.
Scott & Gilbert (Manufacturing), 116 1st, San Francisco, Cal.
Sharples Stephen P. (Analytical & Consulting), 26 Broad, Boston, Mass.
Sherman Herbert L. (Analytical & Consulting), 12 Pearl, Boston, Mass.
Siebel J. E. & Sons Co., 962 Montana, Chicago, Ill.
Smith, Emery & Co., 651 Howard, San Francisco, Cal.
Smith Laboratory (Analytical), Mt. Pleasant, Tenn.
Smith, Rudy & Co., 411 Walnut, Phila., Pa.
Sowers Osso (Analytical), 104 John, New York
Stillwell Laboratory (Analytical), 76 Pine, New York
Stillwell & Gladding (Analytical), 95 Front, New York
Teeple Jno. E., Ph. D. (Consulting & Chemical Engineer), 50 E 41st, New York
Upjohn Co. (Pharmaceuticals), Kalamazoo, Mich.
Weber Lothar E. (Analytical & Consulting Rubber), 729 Boylston, Boston, Mass.
Wiedemann H. E. (Consulting & Analytical), Chemical bldg, St. Louis, Mo.
Wiley & Co. (Analytical & Consulting), 7 S Gay, Baltimore, Md.

2445— Chests (Cedar)

Acme Mfg. Co., South Bend, Ind.
American Sash & Door Co., Kansas City, Mo.
Blue Ridge Red Cedar Co., Reidsville, N. C.
Burrowes E. T. Co., Portland, Me.
Carr, Ryder & Adams Co. (Wholesale Mfrs), Dubuque, Ia.
Colonial Red Cedar Chest Co., Lincoln, Neb.
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Huttig Sash & Door Co., 1200 S Vanderventer, St. Louis, Mo.
Kane Blind & Screen Co., Kane, Pa.
Landau Cabinet Co., Frisco Viaduct, St. Louis, Mo.
Lookout Planing Mills, Chattanooga, Tenn.
Roos Mfg. Co. (Red Cedar), 967 W 20th, Chicago, Ill.
Standard Red Cedar Chest Co., Altavista, Va.
Stewart G. S. Co., Norwalk, O.
Vestal Lumber & Mfg. Co. ("Tennessee" Red Cedar), Knoxville, Tenn.
West Branch Novelty Co., Milton, Pa.
Huttig Mill Wk. Co., Kansas City, Mo.
Wisconsin Chair Co., Pt. Washington, Wis.

Chests (Ice)

See Refrigerators

2446— Chests (Stuff)

Dillon Machine Co., Lawrence, Mass.
Dilts Machine Works (Inc.), (Horizontal & Vertical), Fulton, N. Y.
National Refrigerator & Fixture Co., 8th & Park, St. Louis, Mo.
Noble & Wood Machine Co., Hoosick Falls, N. Y.
Valley Iron Works Co., Appleton, Wis.

2447— Chests (Tool)

American Mfg. Concern (Toy & Carpenter), Falconer, N. Y.
Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.
Cardington Cabinet Co., Cardington, O.
Conway Veneered Door & Mantel Co., 2019 St. Paul, Milwaukee, Wis.
Economy Mfg. Co., 508 Commerce, Philadelphia, Pa.
Gerstner H. & Sons (Portable), Dayton, O.
Jennings C. E. & Co., 71 Murray, New York
Mossberg Frank Co. (Socket "No. 300"), Attleboro, Mass.
Page, Storms Drop Forge Co. (Drop Forged), Chicopee, Mass.
Paine Furniture Co., 81 Arlington, Boston, Mass.
Pilloid Lumber Co., Swanton, O.
Union Tool Chest Co., Inc. ("Union" Suit Case, for Machinist Chests, Cabinets, Cases, etc., Stock & Special), 99 Railroad, Rochester, N. Y.
Vanderman Mfg. Co. (Steel), Willimantic, Conn.
Wedell & Boers, 157 Jefferson, Detroit, Mich.
West F. M. Box Co., Springfield, Mass.
Wilbur Corporation, New Haven, Conn.

2447b— Chicle

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

2448— Chicory Mfrs.

Brandt C. H. W., Stockton, Cal.
Frank Chicory Co., Bay City, Mich.
Muller E. B. & Co., Port Huron, Mich.
Vanneste Bros., Capsac, Mich.

2449—Chimes (Saddle, Pole, Hame, Etc.)

Bevin Bros. Mfg. Co., East Hampton, Conn.
Starr Bros. Bell Co., East Hampton, Conn.

Chimney Pipe

See Linings, Flue

2450— Chimney Tops

American Sewer Pipe Co., Akron, O.
Badger Steel Roofing & Corrugating Co., La Crosse, Wis.
Baltimore Retort & Fire Brick Co., cor Hull & Nicholson, Baltimore, Md.
Baltimore Terra Cotta Works, 1300 Covington, Baltimore, Md.
Bannon P. Pipe Co., Louisville, Ky.
Blackmer & Post Pipe Co. (Fire Clay), Boatmen's Bank bldg, St. Louis, Mo.
Buckeye Fireclay Co., Uhrichsville, O.
Cannelton Sewer Pipe Co., Cannelton, Ind.
Chattanooga Sewer Pipe & Fire Brick Co., Chattanooga, Tenn.
Clark N. & Sons, 116 Natoma, San Francisco, Cal.
Clawson L. E. Co., 80 Page, San Francisco, Cal.
De Bruycher August, 171 7th av, Brooklyn, N. Y.
Dee Wm. E. Co., 30 N La Salle, Chicago, Ill.
Dickey W. S. Clay Mfg. Co., N. Y. Life bldg, Kansas City, Mo.
Evans Clay Mfg. Co., Uhrichsville, O.
Evens & Howard Fire Brick Co., 920 Market, St. Louis, Mo.
Excelsior Fire Clay Co. ("Excelsior"), Lisbon, O.
Frantz Mfg. Co., Sterling, Ill.
Gladding, McBean & Co., Crocker bldg San Francisco, Cal.
Iwan Bros., South Bend, Ind.
Laclede-Christy Clay Products Co., Manchester & Sulphur avs, St. Louis, Mo.
Macomb Sewer Pipe Co., Macomb, Ill.
New York Pottery Co., Fuller bldg, New York

CHINMNEY TOPS—continued

Quinn Wire & Iron Works (Cast Iron), Boone, Ia.
Reeve Augustus, Camden, N. J.
Robinson & Sons Sewer Pipe Co., Uhrichsville, O.
Robinson Clay Product Co., Akron, O.
Stevens H. Sons Co., Macon, Ga.
Streator Clay Mfg. Co., Streator, Ill.
Waterloo Register Co., Waterloo, Ia.

2451—Chimney Tops (Revolving)

Badger Steel Roofing & Corrugating Co., La Crosse, Wis.
Feld Geo. A. Co., 162 E. 129th, New York
Iwan Bros., South Bend, Ind.
Milwaukee Corrugating Co., Milwaukee, Wis.
National Mfg. Co., Sterling, Ill.
New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La.
Quinn Wire & Iron Works ("Dandy"), Boone, Ia.
Sterling Fdry. Co. ("Best"), Sterling, Ill.
Williams Hardware Co. ("Powers"), Streator, Ill.

Chimney Tops (Slate)

See Slate Stair Treads & Risers

2452— Chimneys (Concrete)

Custodis Alphons Chimney Construction Co.; 95 Nassau, New York
General Concrete Construction Co. (Tapering Reinforced), 431 S Dearborn, Chicago, Ill.
Heine Chimney Co. (The) (Reinforced Concrete), 123 W Madison, Chicago, Ill.
Illinois Cement Chimney Co., 3520 S Francisco av, Chicago, Ill.
KELLOGG M. W. CO., 90 West, New York
See adv index at end of book
Rust Engineering Co. (Reinforced), Farmers Bank bldg, Pittsburgh, Pa.
Weber Chimney Co. ("Weber," Reinforced Concrete), McCormick bdg, Chicago, Ill.
Wiederholdt Construction Co. ("Wiederholdt," Tile), Old Bank of Commerce, St. Louis, Mo.

Chimneys for Power Plants

See Stacks, Steel; Also Chimneys, Steel

2453— Chimneys (Forge)

Lourie Mfg. Co. ("Sure-Draft"), Springfield, Ill.

2454—Chimneys (Lamp, Glass)

Bridgeport Lamp Chimney Co., Bridgeport, W. Va.
Co-Operative Enterprise Glass Co., North Vernon, Ind.
Corning Glass Wks. ("Nonex"), Corning, N. Y.
Dunbar Flint Glass Co., Dunbar, W. Va.
Fostoria Glass Co., Moundsville, W. Va.
Gill Bros. Co. ("Acme," "Royal," "O. K."), Steubenville, O.
Gill E. & Co., York & Thompson, Phila., Pa.
Gleason-Tiebout Glass Co., 93 Commercial, Brooklyn, N. Y.
Glenshaw Glass Co., Glenshaw, Pa.
Lippincott Glass Co., Greenwood bldg, Cincinnati, O.
Macbeth-Evans Glass Co. ("Macbeth," Pearl Top & Pearl Glass, "Keystone," "Zenith," "Iron Clad," "Superior," "Crescent," "Empire"), Wabash bldg, Pittsburgh, Pa.
McBride Thomas, Industrial, W. Va.
McKee Glass Co., Jeannette, Pa.
Phoenix Glass Co., 2d National Bank bldg, Pittsburgh, Pa.
Pittsburgh Lamp, Brass & Glass Co., 130 7th, Pittsburgh, Pa.
Star Glass Co., Star City, W. Va.
Tulsa Glass Co., Tulsa, Okla.
Wellington Glass Co., Cumberland, Md.
Williamsburg Flint Glass Co., 260 Boerum, Brooklyn, N. Y.

2455— Chimneys (Mica)

Huse Jos. & Son, 91 Blackstone, Boston, Mass.
Mica Mfg. Co., 454 18th, Brooklyn, N. Y.
Mikesell Bros. Co., 176-178 N La Salle, Chicago, Ill.
Munsell Eugene & Co. (Micalite), 68 Church, New York
North Carolina Mica Co., 80 North, Boston, Mass.
Storrs Mica Co., Owego, N. Y.

2456—Chimneys of Perforated Radial Blocks

See also Chimneys, Concrete

Bergen & Lindeman, 120 Liberty, New York
Custodis Alphons Chimney Construction Co., 95 Nassau, New York
Heine Chimney Co. (The), 123 W Madison, Chicago, Ill.
Heinicke H. R. Inc., 147 4th av, New York
KELLOGG M. W. CO. (Corrugated Radial Brick), 90 West, New York
See adv index at end of book
Rust Engineering Co., Farmer Bank bldg, Pittsburgh, Pa.

2457— *Chimneys (Steel)

See Also Stacks, Steel

CHICAGO BRIDGE & IRON WORKS (Self-Supporting), 1319 W. 105th, Chicago, Ill.
For branch offices see adv index at end of book
DOVER BOILER WORKS (Self-Supporting), Sales Office: 50 Church, New York; Works: Dover, N. J.
See adv index at end of book
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Republic Structural Iron Wks. Co., 1350 E. 53rd, Cleveland, O.
THROPP'S JNO. E. SONS CO., ft of Lewis, Trenton, N. J.
See adv index at end of book

2458—China (Domestic, Decorated & Plain)

Alliance Vitreous China Co., Alliance, O.
Anchor Pottery, Trenton, N. J.
Bennett Edwin Pottery Co., Baltimore, Md.
Buffalo Pottery, Buffalo, N. Y.
Canonsburg Pottery Co., Canonsburg, Pa.
Carrollton Pottery Co., Carrollton, O.
Cartwright Bros. Co., East Liverpool, O.
Colonial Co., East Liverpool, O.
Cook Pottery Co., Trenton, N. J.
Crooksville China Co., Crooksville, O.
East Liverpool Potteries Co. (Decorated), East Liverpool, O.
French China Co. (Dinner, Toilet), Sebring, O.
Greenwood China Co., Trenton, N. J.
Hall China Co., East Liverpool, O.
Harker Pottery Co. (Decorated), East Liverpool, O.
International Pottery Co (Decorated, Semi-vitreous), Trenton, N. J.
Ionia Fine Art Pottery, Trenton, N. J.
Iroquois China Co., Solvay, N. Y.
Knowles, Edwin M. China Co. (Dinner, Toilet), East Liverpool, O.
Knowles, Taylor & Knowles Co. (Decorated, Semi-vitreous), East Liverpool, Ohio
Laughlin Homer China Co. (Decorated), East Liverpool, O.
Lenox Incorporated, Trenton, N. J.
Leopold J. & Co., 101 Hanover, Baltimore, Md.
Limoges China Co. (Table), Sebring, O.
McNicol, D. E. Pottery Co. (Decorated), East Liverpool, O.
McNicol-Corns Co., Wellsville, O.
Mayer China Co., Beaver Falls, Pa.
Mercer Pottery Co. (Decorated, White), Trenton, N. J.
National China Co., Salineville, O.
Ohio China Co. (Decorated), East Palestine, O.
Owen China Co. (All Kinds), Minerva, O.
Patterson Bros. (Decorated), Wellsville, O.
Pick Albert & Co., 212 W. Randolph, Chicago, Ill.
Pope-Gosser China Co., Coschocton, Pa.
Potters Co-Operative Co. (Decorated), East Liverpool, O.
Royal China Co., Sebring, O.
Sebring E. H. China Co. (Table), Sebring, Ohio
Smith-Phillips China Co. (Decorated), East Liverpool, O.
Standard Pottery Co. (Decorated), East Liverpool, O.
Steubenville Pottery Co., Steubenville,, O.
Summit China Co., Akron, O.
Taylor, Smith & Taylor Co.,, East Liverpool, O.
Thompson, C. C. Pottery Co. (All Kinds) East Liverpool, O.
Trenle China Co., East Liverpool, O.
Trenton Potteries Co. (Decorated), Trenton, N. J.
Tritt China Co., Niles, O.
Vodrey Pottery Co. (Decorated), East Liverpool, O.
Warwick China Co. (Table), Wheeling, W. Va.
Wellsville China Co. (Decorated), Wellsville, O.
West End Pottery Co. (Table), East Liverpool, O.
Worcester China Co., Sebring, O.
Wylie H. R. China Co., Huntington, W. Va.

2459— Chippers (Cable)

Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.

2460—Chippers & Shredders (Extract & Dye Wood)

Mitts & Merrill, 1939 S Water, Saginaw, Mich.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

2461— Chippers (Ice)

Alaska Freezer Co. ("Alaska"), Winchendon, Mass.
Arcade Mfg. Co., Freeport, Ill.
Bernardin Bottle Cap Co. ("Halsey"), Evansville, Ind.
Blakeslee G. S. & Co., 2856 Quinn, Chicago, Ill.
Gifford-Wood Co., Hudson, N. Y.
Gilchrist Co., 236 Bank, Newark, N. J.
Landers, Frary & Clark, New Britain, Conn.
North Bros. Mfg. Co. ("Crown," "Lightning"), Lehigh av & American, Phila., Pa.
Thayer Mfg. Co., Williamsburg, Mass.
Wagner Mfg. Co. ("Wagner Danger," Combination Chisel Chipper), Cedar Falls, Ia.
Wrightsville Hardware Co., Wrightsville, Pa.

2462— Chisels (Belt)

Manufacturers' Belt Hook Co. ("L-X"), 1321 W. Congress, Chicago, Ill.

Chisels (Blacksmiths')

See Chisels, Cold & Cape

2463—Chisels (Box, Openers)

See also Pullers, Nail

American Cutlery Co. (Steel Nickel-Plated Cigar Box, etc), 764 Mather, Chicago, Ill.
Arcade Mfg. Co. ("Berry"), Freeport, Ill.
Bagshaw & Field, 445 N 5th, Phila, Pa.
Bohner Drop Forge ("Victor" Drop Forged), 332 S. Michigan av, Chicago, Ill.
Bonney Vise & Tool Works (Drop Forged), Allentown, Pa.
See adv index at end of book
Braunsdorf-Mueller Co., Elizabeth, N. J.
Brewer Bros. Co. (Claw), 614 Filbert, Phila., Pa.
Bridgeport Hardware Mfg. Corp. ("Matchless"), Bridgeport, Conn.
Buffum Tool Co. ("Swastika," Flat, Mallet Head, Plain, etc), South Side, Louisiana, Mo.
Carver Tool Works, Spring Valley, N. Y.
Drew, C. & Co., Kingston, Mass.
Duffy Mfg. Co., 214 W Grand av, Chicago, Ill.
French H. P. Co., Inc., 320 Broadway, New York *See adv index at end of book*
Grammes, L. F. & Sons, Allentown, Pa.
See adv index at end of book
Landers, Frary & Clark ("H. & B." Cast Steel), New Britain, Conn.
Kilborn & Bishop Co., New Haven, Conn.
Kraeuter & Co., 583 18th av, Newark, N. J.
Lowentraut, P. Mfg. Co., 36 Brenner, Newark, N. J.
Mellor Box Opener Co. ("Mellor" Box Opener, Nail Puller & Hammer), Sedalia, Mo.
MORRILL CHAS. ("Morrill" Combination Nail Puller, Box Opener, Box Chisel, Pry, Hammer & Box Wire & Strap Cutter), 100 Lafayette, New York.
See adv index at end of book

Nicol & Co. ("N. & Co."), 218 N Jefferson, Chicago, Ill.
Osborne, C. S. & Co., Harrison, N. J.
Peck, Stow & Wilcox Co., Southington, Conn.
S. & I. Co., Springfield, Mass.
Sargent & Co., New Haven, Conn.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Stortz John & Son, 210 Vine, Phila., Pa.
Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.
Vaughan & Bushnell Mfg. Co. ("V & B," for Shoe Dealers, etc.), 2114 Carroll av, Chicago, Ill.
Warner Hammer Co., Cromwell, Conn.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.

2464-5—Chisels (Bricklayers')

Anderson W. H. Tool & Sup. Co., Brush & Macomb, Detroit, Mich.
Bagshaw & Field, 445 N 5th, Phila., Pa.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Brewer Bros. Co., 614 Filbert, Phila., Pa.
Brunner & Lay, 570 W Polk, Chicago, Ill.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Carver Tool Works, Spring Valley, N. Y.
Collins Co., Collinsville, Conn.
Crescent Novelty Mfg. Co., 703 S B'way, St. Louis, Mo.
Duffy Mfg. Co., 214 W Grand av, Chicago, Ill.
Evansville Tool Works, Evansville, Ind.
Kilborn & Bishop Co. ("Silex"), New Haven, Conn.
Kraeuter & Co., 583 18th av, Newark, N. J.
Marshalltown Trowel Co., Marshalltown, Ia.
Mechanical Specialties Co., 122 S Michigan av, Chicago, Ill.
Ohio Tool Co., Charleston, W. Va.
Phillips F. & Son, 1336 Greenmount av, Baltimore, Md.
Plumb Fayette R. (Inc.), Tucker & James, Phila., Pa.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
S. & I. Co. ("Never-Break"), Springfield, Mass.
Stortz Jno. & Son, 210 Vine, Phila., Pa.
Vaughan & Bushnell Mfg. Co. ("V & B"), 2114 Carrol av, Chicago Ill.
Vichek Tool Co. ("Vichek"), 10711 Quincy av, Cleveland, O.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.

2466— Chisels (Calking)

See also Tools, Calking

Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Buffum Tool Co. ("Swastika," Boilermakers', Plumbers, Fire Hydrant), South Side, Louisiana, Mo.
Carver Tool Works, Spring Valley, N. Y.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Drew C. & Co., Kingston, Mass.
Eagle Tool Works, Bayonne, N. J.
Kraeuter & Co., 583 18th av, Newark, N. J.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Marine Hardware-Equipment Co. ("Acme" & Mheco"), So. Portland, Me.
Mueller H. Mfg. Co., Decatur, Ill.
New York Mallet & Handle Works, 743 E 11th, New York
Osborne C. S. & Co., Harrison, N. J.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Starbuck R. M. & Sons, Hartford, Conn.
Stortz Jno. & Son (Plumbers'), 210 Vine, Phila., Pa.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

2467—Chisels (Cold & Cape)

Atwater Mfg. Co. (Tool Steel Cold Chisels), Southington, Conn.
Badger Tool & Forge Co., 707 Nebraska, Oshkosh, Wis.
Bagshaw & Field 445 N 5th, Phila., Pa.
Beall Bros., Alton, Ill.
Bicknell Mfg. & Supply Co., Janesville, Wis.
Billings & Spencer Co. ("B & S," Drop Forged, Cold), Hartford, Conn.
Bonner Drop Forge Co. ("Victor" Drop Forged Cold Chisels), 332 S. Michigan av, Chicago, Ill.
Bradley G. W. Axe & Tool Mfg. Co., Newburgh, N. Y.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Brewer Bros. Co. (Cast Steel), 614 Filbert, Phila., Pa.
Buck Bros., Millbury, Mass.
Buffum Tool Co. ("Swastika"), South Side, Louisiana,, Mo.
Carver Tool Works, Spring Valley, N. Y.
Champion Tool Co. (Cold Only), Meadville, Pa.

THE CINCINNATI TOOL CO.
HARGRAVE
Norwood, Cincinnati, O.

Cleveland Punch & Shear Works Co. (Diamond Point, Half Round Nose), 3921 St. Clair av, N E, Cleveland, O.
Cleveland Steel Tool Co. (Cold, All Shapes), Cleveland, O.
Collins Co., Collinsville, Conn.
Crescent Novelty Mfg. Co. (Machinists & Plugging), 703 S B'way, St. Louis, Mo.
Cronk & Carrier Mfg. Co. (Cold Chisels Only), 150 Lake, Elmira, N. Y.
See adv index at end of book
Dicke Tool Co., Downers Grove, Ill.
Drew C. & Co., Kingston, Mass.
Duffy Mfg. Co., 214 W Grand av, Chicago, Ill.
Eagle Tool Works, Bayonne, N. J.
Enderes, Inc. (¼ "⅜" Cold, Round Nose Cape, etc.), Albert Lea, Minn.
Evansville Tool Works, Evansville, Ind.
French H. P. Co., Inc., 320 Broadway, New York *See adv index at end of book*
Goodell-Pratt Co., Greenfield, Mass.
Hammond C. & Son (Cold), Ognotz, Pa.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Iron City Tool Works (Ltd.), 3201 Smallman. Pittsburgh, Pa.
Kilborn & Bishop Co. (Drop Forged), New Haven, Conn.
Klein-Logan Co. (Cold, Hand Chipping), 13th & Breed, Pittsburgh, Pa.
Kraeuter & Co., 583 18th av, Newark, N. J.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Marcy Tool Works, Putnam, Conn.
Mechanical Specialties Co., 122 S Michigan av, Chicago, Ill.
Mound Tool Co. (Engineers' Chums), 1203 S 7th, St. Louis, Mo.
Mueller H. Mfg. Co., Decatur, Ill.
Ohio Tool Co., Charleston, W. Va.
Osborne C. S. & Co., Harrison, N. J.
Peck, Stow & Wilcow Co. (Cold), Southington, Conn.
Phillips F. & Son, 1336 Greenmount av, Baltimore, Md.
Plumb Fayette R. (Inc.), Tucker & James, Phila., Pa.
S. & I. Co., Springfield, Mass.
Sargent & Co. (Cold), New Haven, Conn.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Smith H. D. & Co. ("Sharpen Ezy," Drop Forged), Plantsville, Conn.
Smith & Hemenway Co., Inc. (Cold), 261 B'way, New York, & 130 Coit, Irvington, N. J. *See adv index at end of book*
Snell Mfg. Co. (Cold Chisels Only), Fiskdale, Mass.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
STAR EXPANSION BOLT CO., 147 Cedar, New York
Stortz Jno. & Son, 210 Vine, Phila. Pa.
STRONG MACHINERY & SUPPLY CO. ("Strong's Specialty"), 21 Walker, New York *See adv index at end of book*
Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.
Thomson Drop Forge Co., Plantsville, Conn.
Tuck Mfg. Co. (Cold), Brockton, Mass.
Van Doren Mfg. Co. ("Vandor") Chicago Heights, Ill.
Vaughan & Bushnell Mfg. Co. ("V & B" Cast Steel), 2114 Carrol av, Chicago, Ill.
Verona Tool Wks., Oliver bldg, Pittsburgh, Pa., & Verona, Pa.
Vichek Tool Co. ("Vichek"), 10711 Quincy av, Cleveland, O.
Warner Hammer Co., Cromwell, Conn.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.
Wilcox, Crittenden & Co. (Cold Chisels Only), Middletown, Conn.

2468—*Chisels (Diamond Point)

Enders, Inc., Albert Lea, Minn.

2469— Chisels (Floor)

Bagshaw & Field, 445 N 5th, Phila., Pa.
Bradley G. W. Axe & Tool Mfg. Co., Newburgh, N. Y.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Buck Bros., Millbury, Mass.
Eagle Tool Works, Bayonne, N. J.
Kilborn & Bishop Co., New Haven, Conn.
Kraeuter & Co., 583 18th av, Newark, N. J.
Mueller H. Mfg. Co., Decatur, Ill.
Osborne C. S. & Co., Harrison, N. J.
Plumb Fayette R. (Inc.), Tucker & James, Phila., Pa.
S. & I. Co., Springfield, Mass.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Stortz, Jno. & Son, 210 Vine Phila., Pa.
Van Doren Mfg. Co. ("Vandor"), Chicago, Heights, Ill.
Vichek Tool Co. ("Vichek"), 10711 Quincy av, Cleveland, O.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.

2469a— Chisels & Gouges

PECK, STOW & WILCOX CO. ("Pexto"), Southington, Conn.
See adv index at end of book

2470—Chisels (Hollow Mortising, Etc.)

Defiance Machine Works (Hub), Defiance, Ohio
Forest City Bit & Tool Co. (Common, Hub, Franking, etc), Rockford, Ill.
Greenlee Bros. & Co., Rockford, Ill.
Pugh, Job T., 31st & Ludlow, Phila, Pa.
Star Bit & Tool Co. ("W"), Rockford, Ill.

2471— Chisels (Ice)

See also Picks, Ice

American Fork & Hoe Co., Cleveland, O.
Black, John B. Co. ("Wm. Beatty & Sons," with Socket), Chester, Pa.
Browne W. G. Mfg. Co. ("Keen O"), Kingston, N. Y.
Browne & Dowd Mfg. Co. ("B. & D. C."), Meriden, Conn.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Deuse J. S. Chester, Conn.
Fischer Bros. & Corwin, 635 N 3d, Newark, N. J.
Gifford-Wood Co. (Summer Bars or Packing, etc), Hudson, N. Y.
Gilchrist Co., 236 Bank, Newark, N. J.
Landers, Frary & Clark (Steel Blades), New Britain, Conn.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Potter Mfg. Co., Geneva, O.
Reading Saddle & Mfg. Co. (Steel), Reading, Pa.
Rocky Hill Hardware Co., Rocky Hill, Conn.
Stortz John & Co., 210 Vine, Phila., Pa.
Wagner Mfg. Co., Cedar Falls, Ia.
White Ira F. & Son Co., Bloomfield, N. J.
Williams A. C. Co., Ravenna, O.
Wrightsville Hardware Co., Wrightsville, Pa.

2472— Chisels (Oil Groove)

Van Doren Mfg. Co. ("Vandor" Machinists), Chicago Heights, Ill.

2473— Chisels (Plumbers')

Bicknell Mfg. & Supply Co., Janesville, Wis.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Buck Bros., Millbury, Mass.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Phillips F. & Son, 1336 Greenmount av, Baltimore, Md.
S. & I. Co. ("Never-Break," Calking etc), Springfield, Mass.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Stortz Jno. & Son, 210 Vine, Phila., Pa.
Syracuse Twist Drill Co. ("Syracuse), Borden av, Syracuse, N. Y.
Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.
Washington Cutlery Co., Watertown, Wis.

2474— Chisels (Pneumatic)

Cleveland Steel Tool Co. (Blank & Dressed), Cleveland, O.
Wissinoming Tool Wks., Wissinoming, Phila., Pa.

Chisels (Shingle Ripping)

See Bars, Carpenters'

Chisels (Ship)

See Chisels & Gouges, Carpenters'

2475—Chisels (Stone Cutters')

See also Drills, Stone

Anderson W. H. Tool & Sup. Co., Brush & Macomb, Detroit, Mich.
Brunner & Lay, 570 W Polk,, Chicago, Ill.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Collins Co., Collinsville, Conn.
Crescent Novelty Mfg. Co., 703 S B'way, St. Louis, Mo.
Dallett, Thos. H. Co., Juniper & Federal, Phila., Pa.
Evansville Tool Works, Evansville, Ind.
Kraeuter & Co., 583 18th av, Newark, N. J.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Phillips F. & Son, 1336 Greenmount av, Baltimore, Md.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Stortz Jno. & Son, 210 Vine, Phila., Pa.

2476— Chisels (Tile Setters')

Braunsdorf-Mueller Co., Elizabeth, N. J.
Kraeuter & Co., 583 18th av, Newark, N. J.

2477— Chisels (Track)

See also Tools, Track

Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.
Beall Bros. (Inc.), Alton, Ill.
Collins Co., Collinsville, Conn.
Evansville Tool Works, Evansville, Ind.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.
Kalamazoo Ry. Supply Co., Kalamazoo. Mich.
Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.
McInnes Steel Co. (Ltd.), Cory, Pa.
Plumb Fayette R. (Inc.), Tucker & James, Phila., Pa.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Vaughan & Bushnell Mfg. Co. ("V & B" Tool Steel), 2114 Carroll av, Chicago, Ill.
Verona Tool Works, Oliver bldg, Pittsburgh, & Verona, Pa.
Warren Tool & Forge Co., Warren, O.
Warwood Tool Co., Warwood, Wheeling, W. Va.
Western Tool & Forge Co., Brackenridge, Pa.

Chisels (Turning)

See Chisels & Gouges, Carpenters

2478—Chisels & Gouges (Carpenters')

Bergholtz, Strodtz & Co., 2230 Ogden av, Chicago, Ill.
Black John B. Co. ("Wm. Beatty & Sons"), Chester, Pa.
Braunsdorf-Mueller Co. (Carpenters, Plumbers & Turning), Elizabeth, N. J.
Buck Bros. (All kinds of Socket & Tang), Millbury, Mass.
Buffum Tool Co. ("Swastika" Plumbers' & Wood turners', all Steel Handle), South Side, Louisiana, Mo.
Gardner Machine Works, Gardner, Mass.
Greenlee Bros. & Co. ("Reliance"), Rockford, Ill.
Jennings C. E. & Co. ("C. E. J. & Co.'s," "J. & G. Mfg. Co."), 71 Murray, New York
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Ohio Tool Co., Charleston, W. Va.
Peck, Stow & Wilcox Co., Southington, Conn.
Plumb Fayette R., Frankford, Phila., Pa.
Rockford Bit Co., Kokomo, Ind.
S. & I. Co. ("S. & I."), Springfield, Mass.
Stortz John & Son, 210 Vine, Phila., Pa.
Swan Jas. Co., Seymour, Conn.
Thomson Drop Forge Co., Plantsville, Conn.
Union Hardware Co., Torrington, Conn.
Vaughan & Bushnell Mfg. Co. (All Steel), 2114 Carroll av, Chicago, Ill.
White L. & J. Co. (Full Line), 120 Columbia, Buffalo, N. Y.
Winsted Edge Tool Works ("T. H. Witherby") Winsted, Conn.
Wood G. E. Tool Co., Plantsville, Conn.

2479-80-81—Chloral Hydrate

Monsanto Chemical Works, St. Louis, Mo.
Powers-Weightman-Rosengarten Co., 9th & Parrish, Phila., Pa.

Chlorate of Potash

See Potash

Chlorate of Soda

(See Sodium Chlorate)

Chloride of Alumina

See Alumina

Chloride of Barium

See Barium

2482— Chloride of Calcium

Breslauer A. (Industrial Chemicals), Am. Nat'll Bank bldg, San Francisco, Cal.
Columbia Chemical Co., Pittsburgh, Pa.
C. P. N. CHEMICAL CO., INC., 78 Reade, New York, & 231 West Huron, Chicago, Ill.
Dickinson Jno. Q. & Co. ("Kanawha"), Malden W. Va.
Eimer & Amend, 205 3d av, New York
Eureka Calcium Works, Pomeroy, O.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Pomery Salt Assn. Co. ("Arctic"), Pomeroy, Ohio.
Rhodes Jas. H. & Co., 157 W Austin av, Chicago, Ill.
Roessler & Hasslacher Chemical Co., 100 William, New York
Saginaw Chemical Co., Saginaw, Mich.
Schwenker Wm., 342 E 92d, New York
Solvay Process Co., Syracuse, N. Y.; Hutchinson, Kan. & Detroit, Mich.

2483— Chloride of Lime

See also Powder Bleaching

Acme White Lead & Color Works, Detroit, Mich.
Butterworth-Judson Co., Av R, Newark, N. J.
Champion Chemical Works, 19 W Austin, Chicago, Ill.
Dow Chemical Co., Midland, Mich.
Feurst Bros. & Co. (Imported), 2 Stone, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Hirsh L. & Son, 368 Greenwich, New York
Horton F. T. ("Robin Hood"), Hoboken, N. J.
Miller Jos. B., Finance bldg., Phila., Pa.
Mathieson Alkali Wks., Inc., 53 Canal, Providence, R. I.
Penn Chemical Works ("Banner") 1332 Washington av, Phila., Pa.
Pennsylvania Salt Mfg. Co. (For Purifying Water), Widener bldg, Phila., Pa.
Platt H. B., 42 Cliff, New York
Rath Mfg. Co. ("Imperial"), Hedley E. of Richmond, Phila., Pa.
Reichard F. A. (Imported), 85 Barclay, New York
Wiarda John C. & Co. (Jobbers), 273 Greene, Brooklyn, N. Y.

Chloride of Silver

See Silver Chloride

2485-6-7—Chloride of Sulphur

C. P. N. CHEMICAL CO., INC., 78 Reade, New York, & 231 West Huron, Chicago, Ill.
Dow Chemical Co. (Red & Yellow), Midland, Mich.
Hooker Electro Chemical Co., 40 Wall, New York.
Scheel Wm. H. (Jobbers), 159 Maiden la, New York
Speaight Geo. W. 248 N 10th, Brooklyn, N. Y.
Stamford Rubber Supply Co., Stamford, Conn.
Warner Chemical Co., 52 Vanderbilt av, New York

Chloride of Tin

See Tin Chloride

Chloride of Zinc

See Zinc Chloride

Chlorinated Lime

See Powders, Bleaching

2488— Chlorinators

Valhalla Co. (For Laundries), 1313 Carmen av, Chicago, Ill.
Wallace & Tiernan Co., Inc. ("W. & T"), 137 Centre, New York

2489— Chlorine

Arnold Hoffman & Co., 55 Canal, Providence, R. I.
Electro Bleaching Gas Co. (Liquid), 18 E 41st, N. Y
Goldschmidt Detining Co. (Liquid), 120 B'way, New York
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Isco Chemical Co. ("Isco" & Derivatives), 46 Cliff, New York
Mathieson Alkali Wks., Inc. (Liquid & Chlorine Products), Niagara Falls, N. Y.
Niagara Alkali Co., Niagara Falls, N. Y.
Pennsylvania Salt Mfg. Co. (Liquid), Widener bldg, Phila., Pa.

2490— Chloroform

Dow Chemical Co. (U S P), Midland, Mich.
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Midland Chemical Co., Midland, Mich.
Pfizer Charles & Co., 81 Maiden la, New York
Roessler & Hasslacher Chemical Co., 100 William, New York

2491—Chocks (Boat & Ship)

Berry Chas. E (Adjustable), Sommerville, Mass.
Gillie Machine Co., Tonawanda, N. Y.
Steward Davit & Equipment Corp., Battery pl, N. Y.
Superior Iron Works Co. (Roller), Superior, Wis.
Thacher Geo. H. & Co., Albany, N. Y.
Wilcox, Crittenden & Co. ("Skene"), Middletown, Conn.

2492— Choppers (Apple)

Boutell Mfg. Co., Rochester, N. Y.
Smith's Jno. E. Sons Co. ("Buffalo," Silent), Buffalo, N. Y.

Choppers (Ice)

See Breakers, Ice

2493—Choppers (Meat & Food)

American Cutlery Co. ("American"), 764 Mather, Chicago, Ill.
Athol Machine Co. ("American," for Hotels, Families, Butchers, etc), Athol, Mass.
Brecht Co., 1201 Cass av, St. Louis, Mo.
Canton Elec.-Cut Co., Canton, O.
Cincinnati Butchers' Supply Co., 2008 Central av, Cincinnati, O.
Colebrookdale Iron Co. ("Keystone"), Pottstown, Pa.
Coles Mfg. Co. (Electric), 1625 N 23d, Phila., Pa.
Deer A. J. Co. ("Royal" Electric), Hornell, N. Y.
Enterprise Mfg. Co. of Pa. ("Enterprise"), 3d & Dauphin, Phila., Pa.
Griswold Mfg. Co. ("Griswold"), Erie, Pa.
Hobart Mfg. Co. (Electric & Gasoline), Troy, O.
Holwick B. C., Canton, O.
Hurst H. L. Mfg. Co., Canton, O.
Landers, Frary & Clark ("Universal," "Climax"), New Britain, Conn.
Master Cutter Mach. Co., North av, Oakley, Cincinnati, O.
National Specialty Mfg. Co., 3d & Lehigh av, Phila., Pa.
New Standard Hardware Works ("New Standard"), Mt. Joy, Pa.
Pan Elec. Mfg. Co., 735 S 4th, St. Louis, Mo.
Peck, Stow & Wilcox Co. ("Ideal," "Favorite"), Southington, Conn.
Peden Iron & Steel Co. ("Columbia"), Houston, Texas
Reading Saddle & Mfg. Co. ("Reading," Hand Vegetable, etc), Reading, Pa.
Rollman Mfg. Co. (Ltd.), Mt. Joy, Pa.
Russell & Erwin Mfg. Co. ("Russwin"), New Britain, Conn.
Sanders Mfg. Co. (Power), 294 8th av, Newark, N. J.
Sargent & Co. ("Gem"), New Haven, Conn.
Smith's John E & Sons Co., Buffalo, N. Y.
Smith's Jno. E Sons Co. ("Buffalo Silent," Hand or Power), Buffalo, N. Y.
Steigert L. Co. (Also for Food, Belt Power), Logan & Elder, Cincinnati, O.
Steiner Mfg. Co. (Electrical), 4100 N 21st, St. Louis, Mo.
Steinfeld Bros. ("Steinfeld"), 116 W 32d, New York
Stimpson Scale & Mfg. Co., Northville, Mich.
Streeter N. R. & Co. ("Sterling"), Rochester, N. Y.
Troemmer Hy., 911 Arch, Phila., Pa.
Universal Store Spec. Co., Commercial & Center, New Brtiain, Conn.

Chromate of Iron

See Iron Chromate

2495— Chrome Alum

Avery Chemical Co., 88 Broad, Boston, Mass.
Bischoff C. & Co. (Imported), 451 Washington, New York
Innis, Speiden & Co. Inc., 46 Cliff, New York. *See adv index at end of book*
Roessler & Hasslacher Chemical Co., 100 William, New York

2496— Chrome Black

Dye Products & Chemical Co., Inc., 200 5th av, New York
Klipstein A. & Co. (Also Liquid), 644 Greenwich, New York
Reisig Chas. H. ("Imperial"), for Tanners, etc) (Imp.), 269 Water, New York

2497— Chrome Borate

Drakenfeld B. F. & Co. (Imp), 50 Murray, New York

2498— Chrome Green

Am. Aniline Products, Inc., 80 Fifth av, New York
Drakenfeld B. F. & Co. (Imp), 50 Murray, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Waldo E. M. & F. (Selling Agts.), 11 B'way, New York

2499— Chrome Oxide

Bischoff C. & Co. (Imp), 451 Washington, New York
Drakenfeld B. F. & Co. (Imp), 50 Murray, New York
Feuchtwanger L. & Co., 136 Liberty, New York
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Roessler & Hasslacher Chemical Co. (Green), 100 William, New York
Uhlich Paul & Co. (Imp), 11 Cliff, New York
Wiarda John C. & Co. (Also Fluoride), 273 Greene, Brooklyn, N. Y.

2499a— Chrome (Red)

Dye Products & Chemical Co., Inc., 200 5th av, New York

2500— Chrome Yellow

Am. Aniline Products, Inc., 80 Fifth av, New York
Dye Products & Chemicals Co., Inc., 200 5th av, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Howell C. H. & Co. ("Queens"), 212 Race, Phila., Pa.
Scheel Wm. H. (Imported), 159 Maiden la, New York
Wood's Henry Sons Co., Wellesley, Mass.
Waldo E. M. & F. (Selling Agts.), 11 B'way, New York

2501— Chromium

Foote Mineral Co. (Imp.), 107 N 19th Phila,, Pa.
Goldschmidt Thermit Co., 120 B'way, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
METAL & THERMIT CORP., 120 Broadway, New York
See adv index at end of book
Pfaltz & Bauer (Sulphate, Imp), 300 Pearl New York

2501a— Chromium Acetate

Avery Chemical Co., 88 Broad, Boston, Mass.
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Wolf Jacques & Co., Passaic, N. J.

2502— Chromium Metal

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Primos Chemical Co., Primos, Pa.

2502a—. Chrominum Oxide

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

2502b— Chromium Sulphate

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

2503— Chronographs

Baird Equipment Co., 319 W. Ohio, Chicago, Ill.
Bausch & Lomb Optical Co., Rochester, N. Y.
Du Vivier Ernest H. (Imp), 30 Church, New York
Gaertner Wm. & Co., 5345 Lake Park av, Chicago, Ill.
Hydro Mfg. Co. ("Hydro"), Bullitt bldg, Phila., Pa.
International Instrument Co., 23 Church, Cambridge, Mass.
Queen-Gray Co., 618 Chestnut, Phila., Pa.

2504— Chronometers

Bliss Jno. & Co. (Nautical, etc), 128 Front, New York
Bond Wm. & Son (Marine, Sidereal & Electric Break Circuit), 22 Beacon, Boston, Mass.
Lietz A. Co., 61 Post, San Francisco, Cal.
Medinger Thos. G. (Marine & Pocket), 16 Beaver, New York
Merrill's Robt. Sons, 66 South, New York
Negus T. S. & J. D., 140 Water, New York
Riggs & Bro. (Nautical, etc), 310 Market, Phila., Pa.
Rupp Michael & Co. (Nautical, etc), 112 Broad, New York

2505—Chucks (Air Operated)

Gisholt Machine Co., Madison, Wis.
Hannifin Mfg. Co. ("Aero"), 621 S Kolmar av, Chicago, Ill.
Manufacturers Equipment Co., 175 N Jefferson, Chicago, Ill.

2506— Chucks (Bit Brace)

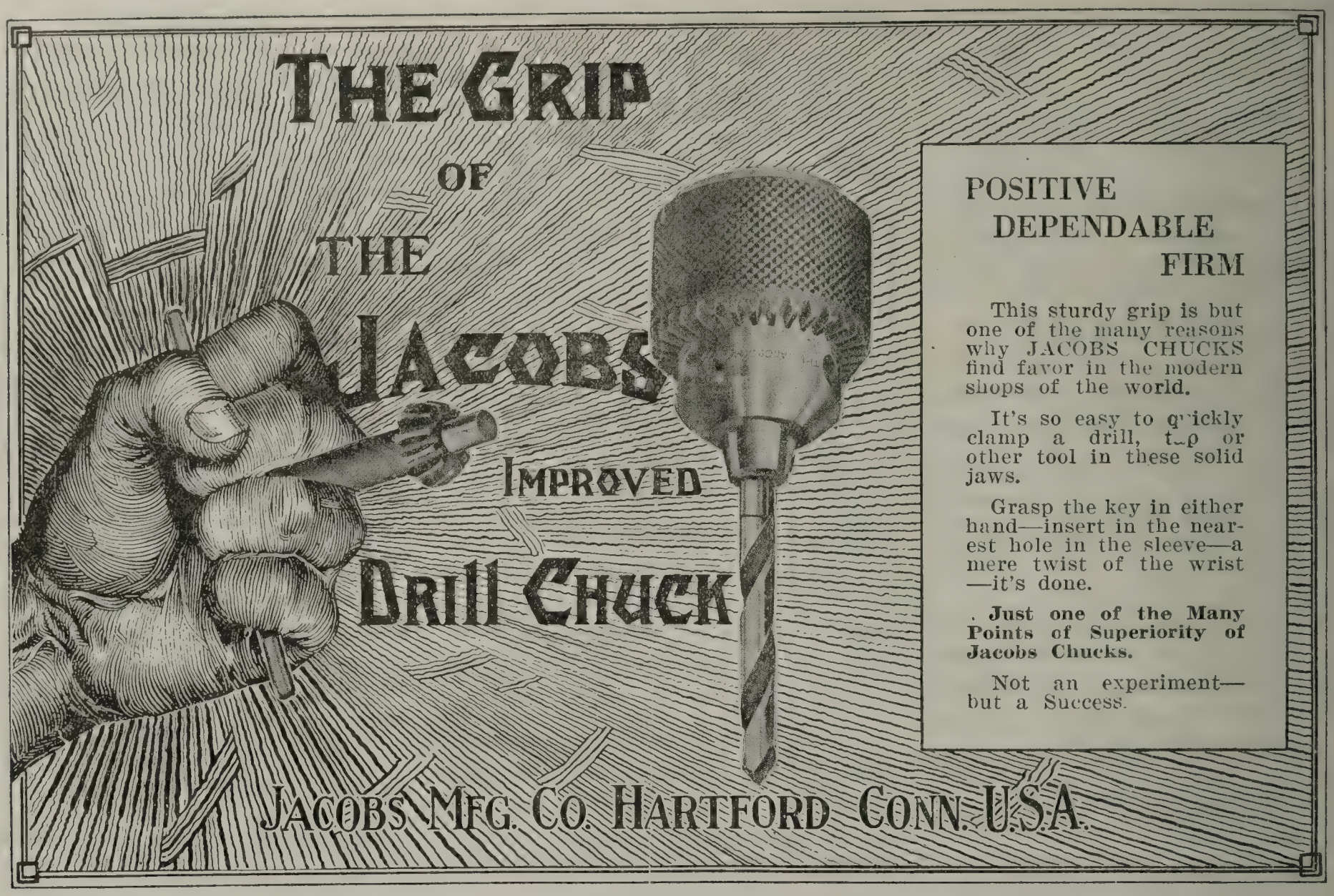
Braunsdorf-Mueller Co., Elizabeth, N. J.
GREENFIELD TAP & DIE CORP. ("G. T. D" Tap), Greenfield, Mass.
See adv index at end of book
Imboden I. C. Co. ("I. C. I."), Cleona, Pa.

2507—Chucks (Boring & Turning Mill)

Cushman Chuck Co., Hartford, Conn.
Gisholt Machine Co., Madison, Wis.
Horton E. & Son Co., Windsor Locks, Conn.
Union Mfg. Co. ("Union"), New Britain, Conn.
Westcott Chuck Co., Oneida, N. Y.
WHITON D. E. MFG. CO., New London, Conn. *See adv index at end of book*

Hendricks' Commercial Register

is not a Catalog of Advertisers alone, but a Complete Register of the manufacturers and jobbers in every line of trade that comes within the scope of the work.



2508— Chucks (Car Wheel)

Hoggson & Pettis Mfg. Co. ("Sweetland"), New Haven, Conn.
Horton E. & Son Co., Windsor Locks, Conn.
Oneida National Chuck Co., Oneida, N. Y.
Skinner Chuck Co., New Britain, Conn.
Union Mfg. Co. ("Union"), New Britain, Conn.
Westcott Chuck Co., Oneida, N. Y.
WHITON D. E. MFG. CO., New London, Conn. *See adv index at end of book*

2509— Chucks (Centering)

See Chucks, Lathe

2510— Chucks (Drill)

Almond T. R. Mfg. Co. ("Almond" Standard & Geared), Ashburnham, Mass.
Automatic Drill Chuck Corp., 519 Hillger, Detroit, Mich.
Brown R. H. & Co. ("Reed"), New Haven, Conn.
Canedy-Otto Mfg. Co., Chicago Heights, Ill.
Clark Equipment Co. ("Celfor" & "Rich"), Buchanan, Mich.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Cushman Chuck Co., Hartford, Conn.
Detroit Twist Drill Co. ("Graham"), 555 Fort, Detroit, Mich.
See adv index at end of book
Goodell Mfg. Co. ("Greenfield"), Greenfield, Mass.
Goodell-Pratt Co. ("Goodell-Pratt" & "Greenfield"), Greenfield, Mass.
Handlan-Buck Mfg. Co. ("Handlan"), 210-14 N 3rd, St. Louis, Mo.
Hoefer Mfg. Co., Freeport, Ill.
Horton E. & Son Co. ("Horton," "Morrow" Hand Operated Ball Bearing), Windsor Locks, Conn.
Jacobs Mfg. Co. ("Jacobs"), 894 Park, Hartford, Conn.
See adv index at end of book
McCrosky Reamer Co. ("Quick Change," "Wizard"), Meadville, Pa.
Millers Falls Co. ("Barber"), Millers Falls, Mass.
Modern Tool Co. ("Magic," also for Reamers & Counterbores. Taps, etc.), 300 State, Erie, Pa.
See adv index at end of book
Morse Twist Drill & Machine Co. ("Beach," "Stetson" & Center Drill), New Bedford, Mass.
Narragansett Machine Co. ("Coit"), Providence, R. I.
National Twist Drill & Tool Co., Detroit, Mich.
Nielson-Barton Chuck Co., 106 S Jefferson, Chicago, Ill. *See adv index at end of book*

Eclipse Roller Bearing Drill Chucks
Tighten with your fingers
No need for keys or wrenches — a few quick turns with thumb and forefinger automatically tighten or release the jaws. Eclipse Roller Bearing Drill Chucks save time, tools and temper. We also make arbors for all kinds of chucks.
NIELSEN - BARTON CHUCK COMPANY
106 So. Jefferson St. Chicago, Ill.

North Bros. Mfg. Co. ("Yankee"), Lehigh av & American, Phila., Pa.
Oneida National Chuck Co. ("National," Blacksmiths', etc), Oneida, N. Y.
Pratt Chuck Co. ("Empire" Friction Drive, also makers of "Improved Positive Drive"), Frankfort, N. Y.
Rich Tool Co., Ry. Exch. bldg, Chicago, Ill.
Saunders D. Sons (Also Tap), Yonkers, N. Y.
Silver Mfg. Co. ("Silver" "Advance"), Salem, O.
Skinner Chuck Co. ("Skinner," "Standard," "New Model," "Geared Patern," "Positive Drive," "Pinion Key"), New Britain, Conn.
SMYTH & HEMENWAY CO., INC. ("Giant"), 261 B'way, New York, & 130 Coit, Irvington, N. J.
See adv index at end of book
Standard Tool Co., 6900 Central av, Cleveland, O.
Swedish Gage Co., Inc, ("Gronkvist"), 245 W 65th, New York
Trump Bros. Machine Co., Beech & Anchorage, Wilmington, Del.
Union Mfg. Co. ("Czar," "Union" Geared "New Britain"), New Britain, Conn.
Victor Tool Co. ("Victor"), Waynesboro, Pa.
Wahlstrom Tool Co. (Automatic), 5520 2d av, Brooklyn, N. Y.
Weaver Mfg. Co. ("Weaver's Roller Jaw), Springfield, Ill.
Westcott Chuck Co. ("The Westcott," "Oneida" & "Little Giant"), Oneida, N. Y.
Whitney Mfg. Co. ("Presto"), Hartford, Conn.
WHITON D. E. MFG. CO., New London, Conn. *See adv index at end of book*
Wiard F., 451 Hurlburt av, Detroit, Mich.

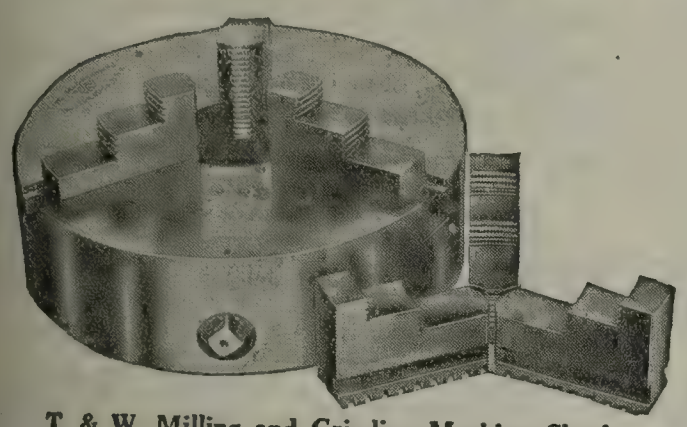
2511— Chucks (Engravers')

Kohaut John C., 117 Green, Newark, N. J.

2511a—Chucks (Expanding)

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill.
See adv index at end of book
Jersey City Machine Co., 113 Plymouth, Jersey City, N. J.
See adv index at end of book

T & W UNIVERSAL GEARED SCROLL CHUCKS



T. & W. Milling and Grinding Machine Chucks

Chucks That Are Made Right.

QUALITY—WORKMANSHIP UNEXCELLED

Made in sizes 2½ to 15 inches.

TERKELSEN & WENNBERG

BOSTON Manufacturers MASS.

2512—Chucks (Gate Valve Seating)

Hannifin Mfg. Co. ("Aero" Air Operated), 621 S Kolmar av, Chicago, Ill.

2513— Chucks (Grinder)

Graham Mfg. Co., 96 Point, Providence, R. I.
TERKELSEN & WENNBERG ("T & W"), 328 A, Boston, Mass.
See adv index at end of book

2514— Chucks (Jaw)

American Tool & Machine Co., 10 High, Boston, Mass.
Cleveland Twist Drill Co. (Two Jaw), 1 E 49th, Cleveland, O.
Cushman Chuck Co., Hartford, Conn.
Fray Jno. S. Co. (Three Jaw), Bridgeport, Conn.
Gisholt Machine Co. (Three or Four Jaw), Madison, Wis.
Hoggson & Pettis Mfg. Co. ("Sweetland" Two-Jaw Slip Jaw), New Haven, Conn.
Horton E. & Son Co. (Reversible), Windsor Locks, Conn.
Oneida National Chuck Co., Oneida, N. Y.
Pinkerton Mfg. Co., Phila., Pa.
Saunders D. Sons, Yonkers, N. Y.
Union Mfg. Co. ("Union"), New Britain, Conn.
Weaver Mfg. Co. ("Weaver's" Roller), Springfield, Ill.
WHITON D. E. MFG. CO., New London, Conn. *See adv index at end of book*

2515— Chucks (Lathe)

American Tool & Machine Co., 10 High, Boston, Mass.
Carroll Jamieson Machine Tool Co., Batavia, O.
Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
Commonwealth Supply Co. ("Moss Universal" for Loomotive Driving Boxes), Mutual bldg, Richmond, Va.
Cushman Chuck Co., Hartford, Conn.
Gisholt Machine Co., Madison, Wis.
Hannifin Mfg. Co. ("Aero" Air Operated), 621 S Kolmar av, Chicago, Ill.
Hoggson & Pettis Mfg. Co. ("Sweetland"), New Haven, Conn.
Horton E. & Son Co., Windsor Locks, Conn.
Leavitt Machine Co., Orange, Mass.
Millers Falls Co. ("Barber"), 28 Warren, New York
Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 Washington, Chicago, Ill.
See adv index at end of book
Oneida National Chuck Co., Oneida, N. Y.
Pratt & Whitney Co., Hartford, Conn.
Simplex Tool Co., Woonsocket, R. I.
Skinner Chuck Co. ("Skinner"), New Britain, Conn.
TERKELSEN & WENNBERG ("T & W"), 328 A, Boston, Mass.
See adv index at end of book
Thomas Elevator Co. (Wrenches), 20 S Hoyne, Chicago, Ill.
Union Mfg. Co., New Britain, Conn.
Westcott Chuck Co. (The Westcott Combination, "I X L," Independent, Universal & Eccentric), Oneida, N. Y.
WHITON D. E. MFG. CO., New London, Conn. *See adv index at end of book*

2516— Chucks (Lever)

Potter & Johnston Machine Co. ("Universal Automatic"), Pawtucket, R. I.
Saunders D. Sons, Yonkers, N. Y.
Skinner Chuck Co., New Britain, Conn.
Westcott Chuck Co., Oneida, N. Y.

2517— Chucks (Magnetic)

Besly Chas. H. & Co. ("Besly" Rotary), 120 N Clinton, Chicago, Ill.
D. & W. Fuse Co., Hathaway, Providence, R. I.
Diamond Mach. Co., 9 Codding, Providence, R. I.
Gardner Machine Co. ("Gardner" Rotary), Beloit, Wis.
HEALD MACHINE CO. ("Heald") Worcester, Mass.
Persons-Arter Machine Co. ("Persons-Arter"), Worcester, Mass.
Walker O. S. Co., Worcester, Mass.

2518—Chucks (Milling Machine)

Brown & Sharpe Mfg. Co., (Springfor), Providence, R. I.
Hannifin Mfg. Co. ("Aero" Air Operated), 621 S Kolmar av, Chicago, Ill.
Horton E. & Son Co., Windsor Locks, Conn.
Oneida National Chuck Co., Oneida, N. Y.
TERKELSEN & WENNBERG ("T & W"), 328 A, Boston, Mass.
See adv index at end of book
Union Mfg. Co. ("Union"), New Britain, Conn.
WHITON D. E. MFG. CO., New London, Conn. *See adv index at end of book*

2519— Chucks (Nipple)

Bignall & Keeler Machine Works, Edwardsville, Ill.
Glauber M. & Co., 103 Varick, New York
Jarecki Mfg. Co., Erie, Pa.
Murchey Machine & Tool Co. ("Quick-Acting"), Detroit, Mich.
Wolff L. Mfg. Co., 111 No Dearborn, Chicago, Ill.

2521— Chucks (Planer)

Cincinnati Planer Co., Cincinnati, O.
Fox Machine Co., Jackson, Mich.
Horton E. & Son Co., Windsor Locks, Conn.
Redin, Ekstrom & Co., Rockford, Ill.
Skinner Chuck Co. ("Skinner"), New Britain, Conn.
Union Mfg. Co. ("Union"), New Britain, Conn.

Lathe Chucks for Heavy Work

on the modern Turret and Special Lathes.—A very large assortment for all requirements:

CENTERING MACHINES, Single Spindle, Revolving, Double Spindle—up to 12 inch capacity—"Turn-Table" and "Duplex" machines, for quantity requirements in rapidly centering both ends of pieces to be turned or ground.

GEAR CUTTING MACHINES for gears up to 36 inches diameter, spur, worm, or bevel. Hand Feed Machines, Power Feed, and Fully Automatic for manufacturing gears in large quantities.

GAS ENGINE FLY WHEELS—entirely finished or castings only.

Howard and Oak Streets **THE D. E. WHITON MANUFACTURING COMPANY** New London, Conn., U. S. A.

2521a— Chucks (Pneumatic)

Detroit Pneumatic Chuck Co., 516 F. P. bldg, Detroit, Mich.

2522— Chucks (Projectile)

Union Mfg. Co. ("Union"), New Britain, Conn.
WHITON D. E. MFG. CO., New London, Conn. *See adv index at end of book*

2523— Chucks (Revolving)

Modern Tool Co., 300 State, Erie, Pa.
See adv index at end of book
Scott & Sons Co. ("Ess-Ess"), Medford, Mass.

2524—Chucks (Screw Machine)

Garvin Machine Co., 147 Varick, New York
Gisholt Machine Co., Madison, Wis.
Horton E. & Son Co., Windsor Locks, Conn.
Oneida National Chuck Co., Oneida, N. Y.
Union Mfg. Co., New Britain, Conn.
Westcott Chuck Co. ("Westcott Little Giant"), Oneida, N. Y.
WHITON D. E. MFG. CO., New London, Conn. *See adv index at end of book*

2525— Chucks (Scroll)

Cushman Chuck Co., Hartford, Conn.
Gisholt Machine Co., Madison, Wis.
Goodell-Pratt Co., Greenfield, Mass.
Hoggson & Pettis Mfg. Co. ("Sweetland" Geared), New Haven, Conn.
Horton E. & Son Co., Windsor Locks, Conn.
Oneida National Chuck Co., Oneida, N. Y.
Skinner Chuck Co. ("Skinner"), New Britain, Conn.
TERKELSEN & WENNBERG ("T & W"), 328 A, Boston, Mass.
See adv index at end of book
Union Mfg. Co. ("Union" Geared, etc), New Britain, Conn.
Westcott Chuck Co., Oneida, N. Y.
WHITON D. E. MFG. CO., New London, Conn. *See adv index at end of book*

2527— Chucks (Spinning)

Hay-Budden Mfg. Co. (Forged Tool Steel), 254 N Henry, Brooklyn, N. Y.

2528— Chucks (Split)

Ames B. C. Co. ("Ames"), Waltham, Mass.
Hardinge Bros. (Draw Back & Thrust), 4203 Ravenswood av, Chicago, Ill.
Rivett Lathe & Grinder Co. (Self-Centering), 2 Brooks, Brighton, Boston, Mass.
Sloan & Chace Mfg. Co., 351 6th av, Newark, N. J.

2529— Chucks (Spring)

Clough R. M., Tolland, Conn.

2530— Chucks (Tapping)

Bicknell-Thomas Co. ("Bicknell-Thomas"), Greenfield, Mass.
Errington F. A. (Auto Reverse), 39 Cortlandt, New York
Horton E. & Son Co., Windsor Locks, Conn.
McCrosky Reamer Co., Meadville, Pa.
Modern Tool Co. ("Magic"), 300 State, Erie, Pa. *See adv index at end of book*
Oneida National Chuck Co., Oneida, N. Y.
Peter Bros. Mfg. Co. ("Woodstock"), ("Safety"), Algonquin, Ill.
St. Louis Machine Tool Co., 2607 S B'way, St. Louis, Mo.
Scully Jones & Co., Railway Exchange, bldg, Chicago, Ill.
See adv index at end of book
Skinner Chuck Co. ("Skinner," "Positive Drive"), New Britain, Conn.
Victor Tool Co. ("Victor"), Waynesboro, Pa.
Westcott Chuck Co., Oneida, N. Y.
Whitney Mfg. Co., Hartford, Conn.

2531—Chucks (Track Drill)

Handlan-Buck Mfg. Co. ("Handlan"), 210-14 N 3rd, St. Louis, Mo.

2532—Chucks (Wire or Wheel)

Hardinge Bros., 4203 Ravenswood av, Chicago, Ill.
Welch T. F. Co., 55 Sudbury, Boston Mass.

Church Seating

See Furniture, Church

2533—Church Spires Repaired

Wightman Andrew, Peekskill, N. Y.

2534— Churn Dashers

Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.
Stephenson Mfg. Co., South Bend, Ind.

2535— Churns

See also Dairy Apparatus & Supplies

American Stamping & Enameling Co. (Enameled Steel), Bellaire, O.
Aquatic Cream Separator Co. ("Eureka" Barrel Revolving), Rochester, N. Y.
Babcock W. W. Co. ("Jackson"), Bath, N. Y.
Bing John ("R. V. Humersdorff Mache"), 381 4th av, New York
Brown M. Co. ("Brown," "Bent Wood," "Ash Dash"), Wapakoneta, O.
Buckeye Churn Co. ("Buckeye," "Ash Dasher," "Eureka," "Climax"), Sidney, O.
Burrell D. H. & Co. ("Simplex" Power Churn & Butter Worker Combined for Creameries, etc), Little Falls, N. Y.
Constance Lumber Co., Mansfield, O.
Creamery Package Mfg. Co. ("C. P."), 61 W. Kinzie, Chicago, Ill.
Dazey Churn Mfg. Co. ("Dazey" & "Family" Glass & Metal), 4301 Warne, St. Louis, Mo.
Dobson Mfg. Co. ("Favorite," Barrels, Revolving, 6 to 90 gallons), Rockford, Ill.
Dorsey Mfg. Co. ("Roberts" for Family use), 39 Pearl, Boston, Mass.
Hall Bros. Co. ("Blanchard," "Lightning" & "Cylinder"), West Acton, Mass.
Hill Wm. C. (Dairy & Creamery), Brasher Falls, N. Y.
Hodges Wm. & Co. (Glass), 11 S 2d, Phila., Pa.
Kohler Die & Specialty Co., De Kalb., Ill.
Landers, Frary & Clark ("Universal" Hand), New Britain, Conn.
Lisk Mfg. Co. (Ltd.) ("Lisk" Anti-Rust Tinware), Canandaigua, N. Y.
Lown & Son, Poughkeepsie, N. Y.
McDermaid J. ("Belle," "Star," White Oak Barrel Revolving, Power, etc, 10 to 100 Gallons), Rockford, Ill.
Mason Mfg. Co. ("Challenge" Geared), Canton, O.
Owatonna Fanning Mill Co. ("New Owatonna"), Owatonna, Minn.
Owatonna Mfg. Co. ("Dual"), Owatonna, Minn.
Reid A. H. Creamery & Dairy Supply Co. ("Reid," "Rectangular" Barrel Revolving & Box Factory), 69th & Haverford, Phila., Pa.
Richmond Cedar Works ("White Cedar," Cylinder, Staff or Dash), Richmond, Va.
Rumley Leo Tractor Co. ("Owatonna"), La Porte, Ind.
Standard Churn Co. ("O. K.," "Standard," Anti-Bentwood Barrel, Revolving; Box Factory, Ash Dash, up to 12 Gallons), Wapakoneta, O.
Sturges & Burn Mfg. Co. (Steel), 508 S Green, Chicago, Ill.
Superior Churn & Mfg. Co. ("Superior," Stoneware Barrel, Glass Top), Northville, Mich.
Thomas Mfg. Co., Dayton, O.
Uhl Pottery Co. (Stoneware), Evansville, Ind.
Vermont Farm Machine Co. ("Vermont," "Davis," Swing, Cypress, Oak & Pine), Bellows Falls, Vt.

2536— Churns (Creamery)

Burrell D. H. & Co. ("B. & W." Square Box), Little Falls, N. Y.
Creamery Package Mfg. Co. ("C. P."), 61 W Kinzie, Chicago, Ill.
Minnetonna Co., Owatonna, Minn.
Oakes & Burger Co. (Square Box & "Cattaraugus," "Victor," "Disbrow" Churn & Worker "Bell" Barrel, etc), Cattaraugus, N. Y.
Reid A. H. Creamery & Dairy Supply Co. ("Reid's"), 69th & Haverford, Phila., Pa.
Vermont Farm Machine Co. ("V. F. M."), Bellows Falls, Vt.

2536a— *Chutes (Cableway)

LAKEWOOD BUILT TO LAST — The LAKEWOOD ENGINEERING Co. CLEVELAND, OHIO, U.S.A.

This Collar is Thin

Actual Size Collar for adjusting cutters on milling machine

and can be used in close quarters. No threads to strip—remains parallel, is less expensive and most positive in action.

For Trial—Free

For the asking. A 3c. stamp and your request means you may try on your own machines in your own way, before ordering. No obligation incurred.

For sale by all supply dealers—also
Brooke Tool Mfg. Co., Ltd.,
Birmingham, England.

Scully-Jones Co.
649 Railway Exchange Building, Chicago, Ill.

2537— Chutes (Coal)

American Coal Chute Co., 14 Buffington av, Newark, N. J.
Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.
Archer Iron Works, 2436 W. 34th pl, Chicago, Ill.
Beckley Perforating Co., Garwood, N. J.
Binghamton Mfg. Co., Binghamton, N. Y.
Birch Mfg. Co., 1276 Clybourn av, Chicago, Ill.
Burrel Engineering Construction Co., 323 S La Salle, Chicago, Ill.
Bushnell Tank Works, Bushnell, Ill. La Salle, Ill.
Canton Foundry & Machine Co. ("Canton" Automatic Self-Locking for Residences), Canton, O.
Channon Jas. H. Mfg. Co. (Ore Wagon), 227 W Erie, Chicago, Ill.
Chattanooga Boiler & Tank Co., Chattanooga, Tenn.
CHICAGO BRIDGE & IRON WORKS, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book
Church Appliance Mfg. Co. ("Ottomatic"), La Salle, Ill.
Clark T. F. & Co., Salem, O.
Clark W. J. Co., Salem, O.
Columbia Iron & Wire Wks Co. ("Columbia" for Residences, Stores, Public Buildings, etc.), Canton, O.
Columbus Structural Steel Co., Columbus, Ohio
Consolidated Iron Works, Hoboken, N. J.
Covert H. W. Co. (Iron Coal Windows), 351 Lexington av, New York
Decatur Cornice & Roofing Co., New Decatur, Ala.
Desmond M. Mfg. Co., Edwardsville, Ill.
Diamond Machine Co., Monongahela, Pa.
DONLEY BROS. CO. ("D. B."), 3625 E 74th, Cleveland, O.
See adv index at end of book
Dudley & Hanson, Lincoln, Neb.
Eagle Iron Works (For Mines), Des Moines, Ia.
Fairbanks-Morse & Co., 900 S Wabash av, Chicago, Ill.
Fairmount Mining Machinery Co. (For Mines), Fairmont, W. Va.
Gordon Lawless Co., Omaha, Neb.
Grand Rapids Foundry Co. ("Roenius," one piece steel), Grand Rapids, Wis.
Hastings Equity Grain Bin Mfg. Co., Hastings, Neb.
Hastings Foundry & Iron Works ("Queen City" Window), Hastings, Neb.
Helmick Foundry & Machine Co., Fairmont, W. Va.
Hendrick Mfg. Co., Carbondale, Pa.
Holland Furnace Co. (Window), Holland, Mich.
Holmes R. & Bros. (Mine Run), Danville, Ill.
Howe Scale Co. of Illinois, 1315 S Wabash av, Chicago, Ill.
Hunt C. W. Co, West New Brighton, N. Y.
See adv index at end of book
Indiana Foundry Co., Indiana, Pa.
JACKSON EDWIN A. & BRO. (INC.) ("Majestic," Steel for Coal, Wood, Vegetables, etc), 50 Beekman, New York *See adv index at end of book*
JEFFREY MFG. CO (Chutes & Screens Combined), 961 N Fourth, Columbus, O. *See adv index at end of book*
Kewanee Mfg. Co. (Cellar Window), Kewanee, Ill.
Koller E. L. (Galvanized), 276 Sussex av, Newark, N. J.
Kramer J & Sons Mfg. Co. (Wagon), 675 Water, New York
Lansing Co., Lansing, Mich.
Lee Loader & Body Co., 2343 So La Salle, Chicago, Ill.
Leetonia Boiler Co., Leetonia, O.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
Littleford Bros., 444 E Pearl, Cincinnati, Ohio.
Lucas A. & Sons (For Dwellings), 1329 S Washington, Peoria, Ill.
Majestic Co. ("Majestick", Residence, Store. Gradeline, for Wood, Coal, Vegetables, etc), Huntington, Ind.
National Boiler & Sheet Iron Works (Ash & Coal), Indianapolis, Ind.
National Mfg. Co. ("Best"), Sterling, Ill.
Ohio Galvanizing & Mfg. Co. (Steel), Niles, Ohio
OHIO MFG. CO. (Combination Single & Extension, Also Angle Iron Legs for Window Chutes), P O Box 358, Painesville, O. *See adv index at end of book*
Price-Evans Foundry Co., Chattanooga, Tenn.
Quaker City Iron Works, Tioga & Edgemont, Phila., Pa.
Remaly Mfg. Co., Tamaqua, Pa.
Republic Structural Iron Wks Co., 1350 E 53rd, Cleveland, O.
Rex-Harris Fire Appliance Co. (Iron), 39 E 19th, New York
Richards Iron Work ("Model") Burglar Proof, Also for Wood & Vegetables, Also Flush Sidewalk Chutes), Manitowoc, Wis.
Sackett Screen Co., Fredonia, N. Y
Sackett H. B. Screen & Chute Co. (For Coal Yards), 1691 Elston av, Chicago, Ill.
Sheet Metal & Supply Co., Lancaster, Pa.
Shultz All Steel Corner Post Co. ("Shultz" Burglar Proof), St. Joseph, Mo.
Steel Basket Co., Cedar Rapids, Ia.
Sterling Foundry Co. ("Best" Fuel Chute), Sterling, Ill.
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Teller R. K. (Cellar),, Unadilla, N. Y.
Turl Iron & Car Co. Inc. The, 50 Broad, New York. Works: Newburgh, N. Y.
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
Union Iron Works, Hoboken, N. J.
U. S. Cast Iron Pipe & Foundry Co., Burlington, N. J.
Waterloo Register Co., Waterloo, Ia.
York Foundry & Engine Works (Cellar), York, Neb.

2538—*Chutes (Coal, Foundation Wall)

Covert H. W. Co., 351 Lexington av, New York
DONLEY BROS. CO., 3625 E 74th, Cleveland, O. *See adv index at end of book*
JACKSON EDWIN A & BRO. (Inc.), ("Majestic"), 50 Beekman, New York
See adv index at end of book

2539—Chutes (Coal, Locomotive Coaling, Etc.)

Chain Belt Co., Milwaukee, Wis.
Dempcy-Degener Co., 307 4th av, Pittsburgh, Pa.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
JEFFERY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
Munroe R. & Sons Mfg. Corp., 23rd & Smallman, Pittsburgh, Pa.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Webster Mfg. Co., Tiffin, O.

2540— Chutes (Concrete)

Carpenter Geo. B. & Co., 440 North Wells, Chicago, Ill.
Insley Mfg. Co. (Open, Closed & Flexible, with Accessories), Indianapolis, Ind.
LAKEWOOD ENGINEERING CO., Cleveland, O. *See adv index at end of book*

LAKEWOOD BUILT TO LAST The LAKEWOOD ENGINEERING Co. CLEVELAND. OHIO U.S.A.

Ransome Leach Co., 115 B'way, New York
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Union Iron Works, Hoboken, N. J.
Wylie J. S. Co. ("Wylie" Self-Supporting), Oklahoma, Okla.

2540a—*Chutes (Counterweighted)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

2541—Chutes (Ice Recording)

Jamison Cold Storage Door Co., Hagerstown, Md.
Stevenson Cold Storage Door Co., Chester, Pa.

2542— Chutes (Package)

See also Conveyors, Gravity
Dow Wire & Iron Works ("Dow" Spiral, etc), Louisville, Ky.
Haslett Spiral Chute Co., Westmoreland & 23rd, Phila., Pa.
See adv index at end of book
Mesker Bros. Iron Co. (Spiral), 421 S 6th, St. Louis, Mo.

The Haslett Spiral Chute Co.
Manufacturers of
Spiral Chutes, Gravity Roller Conveyor and all types of power-driven Merchandise Conveyors.
Office and Factory
Westmoreland and 23d St
Philadelphia, Pa.
Pacific Coast Office
310 California St.
San Francisco, Cal.

2542a—*Chutes (Portable Plants)

Lakewood ngineering Co., Cleveland, O.
See adv index at end of book

2542b—*Chutes (Quick Shift Unit Plants)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

2543— *Chutes (Sand)

See also Chutes, Coal
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book

2543a—*Chutes (Sliding Plane Unit Plants)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

2543b— *Chutes (Spiral)

Haslett Spiral Chute Co., Westmoreland & 23rd, Phila., Pa.
See adv index at end of book

2544— Chutes (Steel Plate)

Atlas Engineering Co., Amherst, O.
See adv index at end of book
Chain Belt Co., Milwaukee, Wis.
Grand Rapids Foundry Co. (For Cases, Boxes, etc), Grand Rapids, Mich.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Lucas A. & Sons (For Coal, etc), 1329 S Washington, Peoria, Ill.
ST. PAUL FOUNDRY CO., Como av. & Mackubin, St. Paul, Minn.
See adv index at end of book
Turl Iron & Car Co. Inc. The, 50 Broad, New York. Works: Newburgh, N. Y.

2545— Cigar Makers' Supplies

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Heltzel Steel Form & Iron Co., Warren, O.
See adv index at end of book
Miller, Du Brul & Peters Mfg. Co. (Packers), 507 E Pearl, Cincinnati, O.

2546— *Cigars (Wooden)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

2547—*Circles (Brass, Copper & Bronze)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
See adv index at end of book

2548— Circles (Platform)

Akron-Selle Co. (For Wagons, Trucks, etc), Akron, O.
Herbrand Co. (For Wagons, Trucks, etc), Fremont, O.

2549— Circles (Tin)

Ammidon & Co., 31 S Frederick, Baltimore, Md.
Horan Stay Hanger Co., 1932 W Jefferson, Louisville, Ky.

2550— Circulators (Boiler)

Bloomsburg H. & Co., 425 N Carey, Baltimore, Md.
Eckliff Automatic Boiler Circulation Co. ("Eckliff" Automatic for Marine Boilers), 48 Shelby, Detroit, Mich.
McNab Co. ("Cascade"), Bridgeport, Conn. *See adv index at end of book*
Vulcan Fuel Economy Co., 508 Gaff bldg, Chicago, Ill. *See adv index at end of book*

2551— *Circus Lights

See also Lights, Contractors'

Gem City Smelting & Brass Castings Co., Dayton, O.
MILBURN A. ALEX. CO. ("Milburn" Self-Contained Portable Acetylene), 1420 W Baltimore, Baltimore, Md.
See adv index at end of book

2552— Cisterns

Barnes & Nuss Co. (Galv. Steel), Grand Forks, N. D.
Harry Bros. Co (Corrugated Galvanized Iron), Carr. & I. C. R. R., New Orleans, La.
Kelly Foundry & Machine Co. (Galvanized Steel), Goshen, Ind.
Martin Metal Mfg. Co. (Galvanized Steel), Wichita, Kan.
New Orleans Roofing & Metal Co. (Galvanized Iron), Cortez & Orleans, New Orleans, La.
Panama Tank Co. (Corrugated), Carr av & I. C. R. R., New Orleans, La.

2553—Civil Engineers' Instruments

See Architects' & Engineers' Instruments & Supplies, also Engineering & Surveying Insrtuments.

2554—Clamp & Drill Combined

Burritt O. W. & Bro., Weedsport, N. Y.

Clamps (Adjustable)

See Clamps, Carpenter, Adjustable Screw, etc.

2555—Clamps (Angle Cock)

Adreon Mfg. Co. ("Security"), Security bldg, St. Louis, Mo.

Clamps (Bar)

See Clamps, Carpenter, Adjustable Screw, etc.

2556— Clamps (Basin)

American Brass & Copper Co., 138 Lafayette, New York
American Pin Co. ("Ampinco"), Waterbury, Conn.
Blessing C. A., 516 Montgomery, Phila., Pa.
Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
Glauber Brass Mfg. Co. ("Magic"), 49th & Superior av N E, Cleveland, O.
Grabler Mfg. Co. (Adjustable), Cleveland, Ohio
Haines, Jones & Cadbury Co. ("Crescent"), 1136 Ridge av, Phila., Pa.
Hampden Brass Co., Springfield, Mass.
Haydenville Co., Haydenville, Mass.
Sherman H. B. Mfg. Co., Battle Creek, Mich.
Stebbins E. Mfg. Co., Springfield, Mass.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
Trenton Brass & Machine Co. ("Crescent," "Star"), Trenton, N. J.
Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.
Waterbury Mfg. Co., Waterbury, Conn.
Wolff L. Mfg. Co., 111 No Dearborn, Chicago, Ill.
Wolverine Brass Works ("Never-Slip," "Star"), Grand Rapids, Mich.

2557— Clamps (Beam)

See also Clamps, Pipe; also Clamps, Conduit Pipe, Hanging

Auer John Jr., 197 Middleton, Brooklyn, N. Y.
Austin & Eddy, 117 Broad, Boston, Mass.
Beaton & Cadwell Mfg. Co. ("Jumbo" Pipe), New Britain, Conn.
Brown A. & F. Co. (For Power), 79 Barclay, New York.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Falls Clutch & Machy. Co., Cuyahoga Falls, O.
Fee & Mason, 81 Beekman, New York
General Fire Extinguisher Co., Providence, R. I.
Grabler Mfg. Co. (I Beam, Adjustable, etc), Cleveland, O.
Hammer & Co., Bradford, Conn.
Illinois Malleable Iron Co. ("A. B. C."), 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
Jarecki Mfg. Co., Erie, Pa.
Kelly & Jones Co. ("K. & J." Adjustable, etc, Malleable Iron), 135 Water, Pittsburgh, Pa.
Lange August K., 606 E 15th, New York
Norman C. Erwin & Co. ("Cenco"), 18 W Kinzie, Chicago, Ill.
Reed Mfg. Co. ("The Clark"), Erie, Pa.
Robinson Mfg. Co., Cleveland, O.
Royersford Foundry & Machine Co., Royersford, Pa.
Terry & Tench Co., 70 E 45th, New York York
Walworth Mfg. Co., Boston, Mass.
Wood's T. B. Sons Co., Chambersburg, Pa.

2558— Clamps (Bed)

Lubbers & Bell Mfg. Co., Clinton, Ia.
Seng Co., 1450 Dayton, Chicago, Ill.

2559— Clamps (Belt)

See also Belt Tighteners

Akron Belting Co., Akron, O.
Billings & Spencer Co. (The "Gardner & Miller"), Hartford, Conn.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Goodell-Pratt Co., Greenfield, Mass.
Higgins Machinery Co., Seattle, Wash.
Hoggson & Pettis Mfg. Co. ("Porter"), New Haven, Conn.
Hough Chas. N. Mfg. Co. (Oil Country Style), Franklin, Pa.
Manufacturers' Belt Hook Co. ("L.-X"), 1321 W Congress, Chicago, Ill.
O'Neil J. H., Jr., Pawtucket, R. I.
Page Belting Co. (Wood), Concord, N. H.
Turner Tanning Machinery Co. ("Turner" for Belt Makers), Peabody, Mass.
Webster Mfg. Co., Tiffin, O.
Wood's T. B. Sons Co. (Double Iron Screw, etc), Chambersburg, Pa.

2560—Clamps (Boat Builders')

See also Clamps, Carpenters

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Malleable Iron Fittings Co., Branford, Conn.
New London Vise Works ("M. I. F. Co."), (Wood End), New London, Conn.

2561—Clamps (Boiler Plate)

Never Slip Safety Clamp Co., 141 B'way, New York

2561a—Clamps (Boilermakers')

Henderer's A. L. Sons (Heavy Steel, also for Structural Iron Works), Wilmington, Del.
Le Count Wm. G. (Light & Heavy Steel), South Norwalk, Conn.
See adv index at end of book
Lovejoy Tool Works, 319 W Ohio, Chicago, Ill.
Niles-Bement-Pond Co., 111 B'way, New York
Taylor Jas. L. Mfg. Co. (Quick-Adjusting, Self-Locking Steel Bar), Poughkeepsie, N. Y.
Wickes Bros., Saginaw, Mich.
See adv index at end of book

2562—Clamps (Brake Beam)

Pearson Jack Co. ("Goodwin"), 185 Franklin, Boston, Mass.

2563—Clamps (Brick Carriers')

Crane P. D. Co., 10225 Meech av, Cleveland, O.
Donley Brothers Co. ("D. B."), 3625 E 74th, Cleveland, O.
See adv index at end of book
Duplex Mfg. & Foundry Co. ("Duplex"), Elyria, O.
Mostberger Iron Co. ("Buffalo"), 878 S Division, Buffalo, N. Y.
Stevens, Frederick B., 3d & Larned, Detroit, Mich.

2563a— Clamps ("C")

See Also Clamps, Machinists'

Williams J. H. & Co. ("Vulcan," "Agrippa" Light Service & Tool Makers, Drop Forged), 31 Richards, B'klyn, N. Y. *See adv index at end of book*

2564—Clamps (Cabinet Makers' Iron, Etc.)

Aldrich Wm. K. Co., Lowell, Mass.
Batavia Clamp Co. ("Colts" Steel Bar), Batavia, N. Y.
Chicago Clamp Co., 253 Eliot, Detroit, Mich.
Christiansen C., 2219 Grand, Chicago, Ill.
Cincinnati Tool Co. ("Hargrave" Steel Joiners, etc), Norwood, Cincinnati, O.
See adv index at end of book
Dann Bros. & Co. (Extension), New Haven, Conn.
Dayton Malleable Iron Co. ("Dayton"), Dayton, O.
Erie Metal Products Co. (Adjustable), Erie, Pa.
Grabler Mfg. Co. (Adjustable), Cleveland, O.
Handy Mfg. Co. (Steel Bar), 29 E Madison, Chicago, Ill.
Josef E. E. Mfg. Co. ("Buffalo" Universal Handy Bench Clamp), Buffalo, N. Y.
Mark Mfg. Co., Evanston, Ill.
Milles C. H. Foundry Co. ("Todd"), 2443 W 21st, Chicago, Ill.
Narragansett Machine Co., Providenee R. I.
Ohio Tool Co., Charleston, W. Va.
Oliver Machinery Co., Grand Rapids, Mich
Palmer Albert E. & Sons (Furniture) Owosso, Mich.
Peck, Stow & Wilcox Co., Southington Conn.
Phoenix Hardware Co., Buffalo, N. Y.
Redin, Ekstrom & Co., Rockford, Ill.
Redin John E., Rockford, Ill.
Rockford Mitre Box Co., Rockford, Ill.
Sargent & Co., New Haven, Conn.
Smith Otis A., Rockfall, Conn.
Swineford G. A. Co., Canton, O.
Woodruff W. W. & Sons Co., Mount Carmel, Conn.
Wrightsville Hardware Co., Wrightsville Pa.

Clamps (Cabinet Makers' Wood)

See Screws, Hand

2565— Clamps (Cable)

See also Clamps, Guy

BOSSERT CORP. (THE), Utica, N. Y.
See adv index at end of book
Myers F. E. & Bro., 800 Orange, Ashland O. *See adv index at end of book*
STAR EXPANSION BOLT CO. ("Sebco" 147 Cedar, New York
Steel City Electric Co. ("Merchand," fo Standard Copper Conductors), 120 Columbus av, Pittsburgh, Pa.

2566—Clamps (Cable Supporting)

Automatic Cable Clamp Co. (Self-Tightening Boltless), Donora, Pa.
Clark Electric & Mfg. Co., 149 B'way, New York
DIAMOND EXPANSION BOLT CO. ("Long Saut"), 89 West, New York
See adv index at end of book
Electric Service Supplies Co. (Porcelain Clamp Insulator), 17th & Cambria, Phila., Pa.
Electrical Engineers Equipment Co., 711 Meridian, Chicago, Ill.
General Devices & Fittings Co., 817 Washington blv, Chicago, Ill.
Hallett Iron Works, Harvey, Ill.
Hebendahl J P. Co., Elizabeth, N. J.
Matthews W. N. & Bro. ("Matthews"), 3722 Forest Park bl, St. Louis, Mo.
Minerallac Electric Co., 1045 Wash. blvd, Chicago, Ill.
Robinson M. S. Cable Clamp Co., Donora, Pa.
Specialty Device Co. ("Bierce"), 112 W 3rd, Cincinnati, O.
Star Expansion Bolt Co. ("Star"), 147 Cedar, New York
States Co., Hartford, Conn.
Steel City Electric Co. ("Marchant" for Stranded Copper Conductors), 1207 Columbus av, Pittsburgh, Pa.
Union Elec. Co., 3721 Grant blv, Pittsburgh, Pa.

2567— Clamps (Calendar)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book

2568—Clamps (Carpenters', Adjustable Screw, Etc.)

Adjustable Clamp Co. ("Jorgeson" Hand Screw), 216 N Jefferson, Chicago, Ill.
Batavia Clamp Co. ("Colts"), Batavia, N. Y.

THE CINCINNATI TOOL CO.
(H) HARGRAVE

Norwood, Cincinnati, O.

Channon Jas. H. Mfg. Co. (Ships' Carpenters), 227 W Erie, Chicago, Ill.
Dann Bros. & Co. (Wood Workers), New Haven, Conn.
Fox Z. F. & Son (Steel), Freeport, Mich.
Grand Rapids School Equipment Co., Grand Rapids, Mich.
Hammer & Co. ("Hammer"), Branford, Conn.
Kantslip Co. ("Kantslip"), Freeport, Mich.
Mark Mfg. Co., Evanston, Ill.
M. & M. Adjustable Wire Clamp Co., 2 5th, Minneapolis, Minn.
Neevel Mfg. Co. ("Neevel"), Kansas City, Mo.
O'Neil, J. H., Jr., Pawtucket, R. I.
Phoenix Hardware Co., Buffalo, N. Y.
Taylor Jas. L. Mfg. Co. (Self-Locking Screw), Poughkeepsie, N. Y.

2569— Clamps (Carriage)

Bossert Corp. (The), Utica, N. Y.
See adv index at end of book
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago. Ill.
Sargent & Co., New Haven, Conn.

2570— Clamps (Cloth)

Emrich Phil ("Emrich," Screw, Wedge & Spring), 824 Main, Cincinnati, O.

2571— Clamps (Column)

Cincinnati Tool Co. ("Hargrave"), Norwood, Cincinnati, O.
See adv index at end of book
Insley Mfg. Co. (Adjustable Steel Form), 3500 E St. Clair, Indianapolis, Ind.
Neevel Mfg. Co. ("Neevel"), Kansas City, Mo.
Sterling Wheelbarrow Co. ("Sterling"), Milwaukee, Wis.
Symons Clamp Co., 2219 S Halsted, Chicago, Ill.
Taylor Jas. L. Mfg. Co., Poughkeepsie, N. Y.
Universal Form Clamp Co. (Circular), 14 N May, Chicago, Ill.

2572—Clamps (Concrete Construction)

See also Clamps, Carpenters'; also Clamps, Machinists'
Batavia Clamp Co. ("Colt's" Self-Locking), Batavia, N. Y.
Chicago Builders' Specialties Co. ("A B C" Form), 11 S La Salle, Chicago, Ill.
Cincinnati Tool Co., Norwood, Cincinnati, O.
See adv index at end of book
Insley Mfg. Co. (Adjustable Steel Form), Indianapolis, Ind.
Neevel Mfg. Co. ("Neevel"), Kansas City, Mo.
Truscon Steel Co. (Kahn System), Youngstown, O.
Universal Form Clamp Co., 14 N May. Chicago, Ill.

2573—Clamps (Conduit Pipe Hanging)

Appleton Electric Co., 230 N. Jefferson, Chicago, Ill.
Bissell F. Co. ("Security"), Toledo, O.
Condit Electrical Mfg. Co. ("Shawmut"), 1st & L, Boston, Mass.
Grabler Mfg. Co., Cleveland, O.
Irish W. F. Elec. Supplies ("Shamrock"), 132 W. 32nd, New York
New Process Specialty Co., 230 Hanover, Milwaukee, Wis.
See adv index at end of book
Pass & Seymour, Solvay, N. Y.
Star Metal Box Co., 509 W. 19th, New York
Steel City Electric Co. (Beam Straps), 1207 Columbus av, Pittsburgh, Pa.
Thomas & Betts Co. (Box Hanger), 63 Vesey, New York

Clamps (Curtain Frame)

See Clamps, Quilt Frame

2574— Clamps (Desk)

American Brass & Copper Co., 138 Lafayette, New York

2575—Clamps (Door & Sash)

See also Clamps, Carpenters
American Woodworking Machinery Co., Rochester, N. Y.
Dauber Bell Machine Co. ("Dauber" Upright Automatic), Oshkosh, Wis.
Fay J. A. & Egan Co., Cincinnati, O.
Greenlee Bros. & Co., Rockford, Ill.
Newman Machine Co., Greensboro, N. C.
Peck, Stow & Wilcox Co., Southington, Conn.
Sargent & Co., New Haven, Conn.
Smith H. B. Machine Co., Smithville, N. J.
Stearns E. C. & Co. ("Stearns," Adjustable), 450 Oneida, Syracuse, N. Y.

2576—Clamps (Eccentric Wire)

Smith Otis A. (For Tightening Wire Fence, Telephone Wire, etc), Rockfall, Conn.

2577— Clamps (Electric)

Dicke Tool Co., Downers Grove, Ill.
Matthews W. N. & Bro., Inc. (Boltless), 3727 Forest Pk. blvd, St. Louis, Mo.
Smith Otis A. (For Wire, etc), Rockfall, Conn.

2578— Clamps (Flanging)

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N. E, Cleveland, O.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
See adv index at end of book
New Doty Mfg. Co., Janesville, Wis.
Optenberg Iron Wks. (Hand & Pneumatic), Sheboygan, Wis.
Scully Steel & Iron Co. ("Scully"), 2364 S Ashland av, Chicago, Ill.
Skinner M. B. Co. ("Model"), 562 W. Washington, Chicago, Ill.
Wickes Bros., Saginaw, Mich.
See adv index at end of book

2579—Clamps (Flask, Molders')

See also Foundry Facings & Supplies
Barnett Oscar Foundry Co., Irvington, N. J.
Brass Founders' Supply Co., Hamberg pl, Newark, N. J.
Buckeye Products Co., 919-929 W. 5th, Cincinnati, O.
See adv index at end of book
Diamond Clamp & Flask Co., Richmond, Ind.
Federal Malleable Co. ("Fraser"), West Allis, Wis.
Josef E. E. Mfg. Co., Buffalo, N. Y.
Milles C. H. Foundry Co. ("Todd"), 2449 W 21st, Chicago, Ill.
Milwaukee Foundry Supply Co. (Adjustable), Milwaukee, Wis.
Taylor Jas. L. Mfg. Co., Poughkeepsie, N.. Y

2580— Clamps (Flooring)

See also Clamps, Carpenters', etc
Hardware Specialty Mfg. Co. ("Clyod"), Anderson, Ind.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.

Clamps (Furniture)

See Clamps, Cabinetmakers', etc

2581— Clamps (Girder)

See Clamps, Beam

2582—Clamps (Ground Connection)

A-A Elec. Mfg. Co., 303 Center, Bridgeport, Conn.
American Metal Works ("American" Adjustable), Armat & Heiskel, Phila., Pa.
Blackburn Specialty Co. ("Blackburn"), 3409 Perkins av, Cleveland, O.
Bonnell W. A. Co., 132 Church, New York
Cameron Appliance Co. ("McCoy"), Everett, Mass.
Chelten Electric Co., Heiskel & Armat, Phila., Pa.
Cleverly Electrical Works ("Forbes"), 17 N 7th, Phila., Pa.
Colgan Wm. H. Co. ("Rex"), West Newton, Mass.
Condit Electrical Mfg. Co. ("Shawmut"), 1st & L., Boston, Mass.
Diamond Expansion Bolt Co., 89 West, New York. *See adv index at end of book*
Elec. Service Supplies Co., 17th & Cambria, Phila., Pa.
Fairmount Electric & Mfg. Co. ("Vogel," "All-in-One"), 59th & Woodland av, Phila., Pa.
Federal Sign System, 640 W Lake, Chicago, Ill.
Forbes Robt. R., Mt. Holly, N. J.
Gillette-Vibber Co. ("G-V"), New London, Conn.
Hallett Iron Works, Harvey, Ill.
Hart Mfg. Co., 230 Hamilton, Hartford, Conn. *See adv index at end of book*
Hart & Hegeman Mfg. Co., 342 Capitol av, Hartford, Conn.
Heinemann Geo. ("Advance"), 500 W Girard av, Phila., Pa.
Hickey & Schneider, Elizabeth N. J.
Hinsdill Electric Co. (With Fixtures), Troy, N. Y.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Klein Ernest & Bro. ("Klein Adjusto"), 44 Fulton, New York
Lord Mfg. Co. ("Leco"), 105 W 40th, New York
Marcus Bros., 135 Pearl, Boston, Mass.
Novelty Electric Co. ("Griptite," "Neco," "Flex Clamp"), 50 N 4th, Phila., Pa.
Paiste H. T. Co. ("Perma-Effect"), 3201 Arch, Phila., Pa.
Schwartz S. Robt. & Bro., 729 B'wy, New York
Schutz Mfg. Co., 3618 Lincoln av, Chicago, Ill.
Sherman H. B. Mfg. Co. ("Sherman"), Battle Creek, Mich.
Sprague Electric Works, 527 W 34th, New York
Star Elec. Co., 212 S 8th, Phila., Pa.
Thomas & Betts Co., 63 Vesey, New York
Trenton Elec. & Conduit Co., Trenton, N. J.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER

2583— Clamps (Guard Rail)

American Guard Rail Fastener Co. ("Anchor" & "Vaughan"), Real Estate Trust bldg, Phila., Pa.
Central Frog & Switch Co., Cincinnati, O.
Cincinnati Frog & Switch Co., Cincinnati, O.
See adv index at end of book
Cleveland Frog & Crossing Co., Cleveland, Ohio
Morden Frog & Crossing Works, 208 S La Salle, Chicago, Ill.
Q. & C. Co. ("National," "Q. & C."), 90 West, New York
Ramapo Iron Works ("Ramapo"), Hillburn, N. Y.
Reading Specialties Co., Reading, Pa.
United States Malleable Iron Co. ("U-S." Rail Clamp & Anti-Rail Creeper), Toledo, O.
Weir Frog Co. (Adustable), Cincinnati, O.
WHARTON WM. JR. & CO., INC. ("Wharton" Standard), Easton, Pa.

2584— Clamps (Guy)

See also Clamps, Wire Rope

American Hoist & Derrick Co. ("Crosby"), St. Paul, Minn.
AMERICAN STEEL & WIRE CO. ("Crosby"), 208 La Salle, Chicago, Ill.
See adv index at end of book
B. & K. Mfg. Co., 321 Ellis, New Britain, Conn.
Barnes & Kobert Mfg. Co. ("B. & K."), Milldale, Conn.
Bethlehem Steel Co., So. Bethlehem, Pa.
Bronson-Walton Co. (Bull Dog"), Cleveland, O.
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Cook Frank B. Co., 326 W Madison, Chicago, Ill.
DIAMOND EXPANSION BOLT CO., 89 West, New York
See adv index at end of book
Everstick Anchor Co. ("Blackburn" Boltless), 1624 N 8th, St. Louis, Mo.
Fletcher Mfg. Co., Dayton, O.
Galvanized Products Co., Phillipsburg, N. J.
Gund Mfg. Co., La Crosse, Wis.
Hallett Iron Works, Harvey, Ill.
Harrison Electric Co., 411 Van Brunt, Brooklyn, N. Y.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Hubbard & Co. (Malleable & Steel), 63rd & Butler, Pittsburgh, Pa.
Joslyn Mfg. & Supply Co., Chamber of Commerce, Chicago, Ill.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lamson & Sessions Co. ("Bull Dog," "Double Grip"), 2188 Scranton, Cleveland, Ohio
Lanz M. & Sons (Pressed Steel & Malleable Iron), 2907 Carson, Pittsburgh, Pa.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
Line Material Co., So. Milwaukee, Wis.
Macomber & Whyte Rope Co., Racine av, Kenosha, Wis.
Matthews W. N. & Bro. ("Matthews" Giant & Baby Boltless), 3722 Forest Park bl, St. Louis, Mo.
Mockbee C. M. Co., 816 E Pearl, Cincinnati, O.
Morris Iron & Steel Co., Frederick, Md.
National Telephone Supply Co., 5100 Superior av, Cleveland, O.
Newhall Chain, Forge & Iron Co. ("Trident"), 89 West, New York
Norton W. T., West Park, O.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Phila. Electrical & Mfg. Co., 1236 N 31st, Phila., Pa.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works, Trenton & Roebling, N. J.
See adv index at end of book
St. Louis Malleable Casting Co., 7701 N Conduit av, St. Louis, Mo.
Schaper Construction Material Co., 90 West, New York
Steel Car Forge Co., Pittsburgh, Pa.
Steel City Electric Co. ("Marchand Wire"), 1207 Columbus av, Pittsburgh, Pa.
Specialty Device Co., 112 W 3rd, Cincinnati, O.
Upson-Walton Co. of N. Y., The, 291 B'way, New York
See adv index at end of book
Western Electric Co., 500 S Clinton, Chicago, Ill., & 463 West, New York

2585—Clamps (Harrow Tooth)

Sharon Steel Hoop Co. (Pressed Steel), Sharon, Pa.
Youngstown Pressed Steel Co., Youngstown, O.

2586— Clamps (Hay Rack)

Hunt, Helm, Ferris & Co., Harvard, Ill.
Louden Machinery Co. ("Illinois," "Standard"), Fairfield, Ia.
MYERS F. E. & BRO. ("Wenzelmann," "Standard" & "Take-Down" Cotton & Wheat Rack), 800 Orange, Ashland, O.
See adv index at end of book
Porter J. E. Co., Ottawa, Ill.
Strickler Hay Tool Co., Janesville, Wis.
Wagner Mfg. Co. ("Wagner"), Cedar Falls, Iowa

2587— Clamps (Hopper)

Exeter Brass Works, Exeter, N. H.
Haydenville Co., Haydenville, Mass.
Peck Bros. & Co., New Haven, Conn.
Trenton Brass & Machine Co., Trenton, N. J.
Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.
Waterbury Mfg. Co., Waterbury, Conn.

2588— Clamps (Horse)

Oliver Machinery Co., Grand Rapids, Mich.

2589— Clamps (Hose)

Allen Fire Dept. Supply Co., 159 Ahorn, Providence, R. I.
Allen W. D. Mfg. Co. ("Bull Dog," "Allen," "Caldwell"), 566 W. Lake, Chicago, Ill.
American Brass & Copper Co., 138 Lafayette, New York
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Ballard Drop Forge Co. ("Ballard" Steel for Wooden Pipe & Tanks, &c), Seattle, Wash.
Buckeye Iron & Brass Works (For Steam), Dayton, O.
Catelain A. G., 144 Indiana av, Chicago, Ill.
Childs O. J. Co. ("Childs"), Utica, N. Y.
Clancy J. R. ("Sure Grip" Wrought Steel), Syracuse, N. Y.
Cleveland Pneumatic Tool Co. ("Neverslip," Air Hose), 3734 E. 78th, Cleveland, O.
Dallett Thos. H. Co. (For Air Hose), Juniper & Federal, Phila., Pa.
Dayton Malleable Iron Co. (Air Brake), Dayton, O.
Elkhart Brass Mfg. Co. ("Sure Grip"), Elkhart, Ind.
Glauber Brass Mfg. Co., 49th & Superior av, N E, Cleveland, O.
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Grabler Mfg. Co., Cleveland, O.
Han-D Metal Products Corp., 681 Communipaw av, Jersey City, N. J.
Haydenville Co., Haydenville, Mass.
Hudson Parer Co., Leominster, Mass.
Ideal Clamp Mfg. Co., 202 Bradford, Brooklyn, N. Y.
Knox Mfg. Co. (Malleable Iron), 821 Cherry, Phila., Pa.
McChesney J. S. & Co. ("McChesney" Galvanized Steel Wire Hose Bands), 444 Wells, Chicago, Ill.
Morgan Mfg. Co. ("Morgans"), Newport, R. I.
Mulconroy Co., 54th & Jefferson, Phila., Pa.
Newark Stamping Co., Newark, O.
Racine Iron & Wire Works, Racine, Wis.
Rex-Harris Fire Appliance Co., 39 E 19th, New York.
S. & I. Co., Springfield, Mass.
Sherman H. B. Mfg. Co., Battle Creek, Mich.
Strong, Carlisle & Hammond Co. ("Strong"), 336 Frankfort av N W, Cleveland, O.
Universal Industrial Corp., Hackensack, N. J.
Walworth Mfg. Co., Boston, Mass.
Wire Bolt Clamp Co., Battle Creek, Mich.
Wolverine Brass Works, Grand Rapids, Mich.
Yerdon Wm. ("Yerdon" Cast Brass), Ft. Plain, N. Y.

2590-1—Clamps (Hydrant & Water Pipe)

Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.

2592-3— Clamps (Insulator)

Clark Electric & Mfg. Co. ("Clark" for Pin or Suspension Insulators), 149 B'way, New York
Delta-Star Electric Co., 2437 Fulton, Chicago, Ill.
Electrical Engineers Equipment Co., 711 Meridian, Chicago, Ill.
Fletcher Mfg. Co., Dayton, O.
General Devices & Fittings Co., 817 Washington blvd, Chicago, Ill.
Hickey & Schneider.
Korns C. C. Co., Johnstown, Pa.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Locke Insulator Mfg. Co., Victor, N. Y.
Nagel W. G. Electric Co., Toledo, O.
Paiste H. T. Co., 3201 Arch, Phila., Pa.
States Co. ("Thesco" for Vertical Wires), Hartford, Conn.
Steel City Electric Co. ("Universal"), 1207 Columbus av, Pittsburgh, Pa.

2593a— Clamps (Joint)

McDonald R. D., De Land, Fla.

2594— *Clamps (Key Seat)

STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

2595— Clamps (King Bolt)

Pearson Jack Co. ("Pearson"), 185 Franklin, Boston, Mass.

2596—Clamps (Linemen's Splicing)

(A Splicing Tool)

Cincinnati Tool Co. ("Hargraves"), Norwood, Cincinnati, O.
See adv index at end of book
Columbus Handle & Tool Co. (Also "Haven's"), Columbus, Ind.
Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y. *See adv index at end of book*
Dicke Tool Co., Downers Grove, Ill.
Irvington Mfg. Co. ("Little Giant"), Irvington, N. J.
Klein Mathias & Sons, 562 W Van Buren, Chicago, Ill.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Peck, Stow & Wilcox Co., Southington, Conn. *See adv index at end of book*
Ransome-Leach Co., 115 B'way, New York
Robinson M. W. Co., 203 37th, Brooklyn, N. Y.
Smith Otis A., Rockfall, Conn.
SMITH & HEMENWAY CO., INC. ("Red Devil," also "Haven's," Clamps for Stretching Wire), 261 B'way, New York, & 130 Coit, Irvington, N. J.
See adv index at end of book

When writing to firms whose names appear in this book please mention HENDRICKS' COMMERCIAL REGISTER.

Williams' Line of Drop-Forged Clamps

Provides abundant variety for all purposes.
"C" Clamps for Heavy, Medium, Light and Tool Makers' Service.
Machinists' Clamps. Strap Clamps.

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Plants: Brooklyn and Buffalo, N. Y.
General Offices: 31 Richards Street, Brooklyn, N. Y.

2597— Clamps (Machinists')

Armstrong Bros. Tool Co. (Drop Forged Steel), 339 N Francisco av, Chicago, Ill.
Athol Machine Co. (Standard Steel), Athol, Mass.
Belden Machine Co., New Haven, Conn.
Billings & Spencer Co. ("B & S" Drop Forged Steel), Hartford, Conn.
Brown & Sharpe Mfg. Co., Providence, R. I.
Chester Steel Castings Co., Chester, Pa., & 407 Sansom, Phila., Pa.
Cincinnati Tool Co., Norwood, Cincinnati, Ohio *See adv index at end of book*
Griffin Specialty Co., 506 W. 26th, New York
Howell & Murray, Waverly, N. Y.
Le Count Wm. G. (Heavy Drop Forged), St. Norwalk, Conn.
See adv index at end of book

Heavy Drop-Forged Steel Clamp

Le Count's Machinists Tools

New Steel Expanding Mandrels
Heavy Steel Clamps
Mechanics Clamps
Light Steel Boiler Clamps
Improved Clamps
Extra Heavy Bridge Clamps
Fitters Clamps
New Vice Clamps
Patent Clamp Dogs, Etc.

Wm. G. Le Count
So. Norwalk, Conn.

Mark Mfg. Co., Evanston, Ill.
Phoenix Hardware Co., Buffalo, N. Y.
Woodruff W. W. & Sons Co., Mount Carmel, Conn.
Williams J. H. & Co. ("Vulcan," "Agrippa," Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

2598—Clamps (Measuring Bar)

STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

2599— Clamps (Messenger)

Cook Frank B. Co., 326 W Madison, Chicago, Ill.
Dicke Tool Co., Downers Grove, Ill.
Harrison Electric Co., 411 Van Brunt, Brooklyn, N. Y.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.

2600— Clamps (Mitre)

Batavia Clamp Co. ("Colts"), Batavia, N. Y.
Burgess & Norton Mfg. Co. ("Dunn's" Mitre Draw Clamp & Cutter), Geneva, Ill.
Grand Rapids Hand Screw Co., Grand Rapids, Mich.
Handy Mfg. Co., 29 E Madison, Chicago, Ill.
Taylor Jas. L. Mfg. Co. (Four Cornered), Poughkeepsie, N. Y.

2601— Clamps (Parallel)

See also Clamps, Carpenters
Besly Chas H. & Co., 120 N Clinton, Chicago, Ill.
STARRETT L. S. CO. (THE) (Tool Makers, etc.), Athol, Mass.
See adv index at end of book
Williams J. H. & Co. ("Vulcan" Drop Forged), 31 Richards, B'klyn, N. Y.
See adv index at end of book

Clamps (Piano Makers')

See Clamps, Cabinet Makers'; also Clamps, Carpenters'

2602— Clamps (Pipe)

Acme Mfg. Co. ("Acme" Soil Pipe), Bangor, Me.
Adreon Mfg. Co. ("Acme"), Security bldg St. Louis, Mo.
Auer John Jr., 197 Middleton, Brooklyn, N. Y.
Caldwell E. R. & Co., Bradford, Pa.
Custer Coupling Co., Bradford, Pa.
Dayton Pipe Coupling Co. ("Collerleak," for Screw, Bell & Spigot Pipe, etc), Dayton, O.
Dresser S. R. Mfg. Co. ("Dresser," for Repairing Leaks), Bradford, Pa.
Grabler Mfg. Co. (Also Extension), Cleveland, O.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
Johnson A. E., 211 W. Exchange, Providence, R. I.
Kelly & Jones Co. (Water etc.), 135 Water, Pittsburgh, Pa.
Lange August K., 606 E 15th, New York
Lucey Mfg. Corp. (Casing, Anchor & Drive), 233 B'way, New York
For branch offices see Alphabetical Section
McCrea Jas. & Co. ("Emergency"), 562 W Washington, Chicago, Ill.
Moll Wm. ("Ideal," Malleable Iron), 1660 Columbus rd, N W, Cleveland, O.
Norman C. Erwin & Co. ("Cenco" Extension), 18 W Kinzie, Chicago, Ill.
Nusbaum F. A. ("King Bee" & "Perfection" Leak Closing), 219 Ruffner, Lockland, O.
Parmelee Wrench Co., 2515 W Monroe, Chicago, Ill.
Rex-Harris Fire Appliance Co., 39 E 19th, New York
Skinner M. B. Co. ("Emergency"), 562 W Washington, Chicago, Ill.
Threadless Pipe Fittings Co., Greene & Columbia, Newark, N. J.
Western Railway Equipment Co. ("Acme"), Central National Bank bldg, St. Louis, Mo.
Williams J. H. & Co. (Vise "Vulcan" Drop Forged), 31 Richards, B'klyn, N. Y.
See adv index at end of book
Yarnall-Waring Co. ("Simplex"), Harrison bldg., Phila., Pa.
Yonts C. H. & Co. (Lead Stopper & Repair), Meadville, Pa.

2603— Clamps (Plow)

Hilfinger Bros., Fort Edward, N. Y.
Michigan Bolt & Nut Works, Detroit, Mich
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Upson Nut Co., Cleveland, O.

2604— Clamps (Pole)

Bethlehem Steel Co., So. Bethlehem, Pa.
Electric Railway Eqpipment Co., Cincinnati, O.
Everstick Anchor Co. ("Blackburn" Boltless), 1624 N 8th, St. Louis, Mo.
Hallett Iron Works ("Hallett"), Harvey, Ill.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Line Material Co. ("Ajax"), South Milwaukee, Wis.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

2604a—*Clamps (Quick Adjusting)

Cincinnati Tool Co., Norwood, Cincinnati, O. *See adv index at end of book*

2605—Clamps (Quilt Frame)

Arcade Mfg. Co., Freeport, Ill.
Champion Hardware Co., Geneva, O.
Cincinnati Tool Co., Norwood, Cincinnati, O. *See adv index at end of book*
Fanner Mfg. Co. ("Arctic"), Cleveland, O.
Grey Iron Casting Co., Mt. Joy, Pa.
Peck, Stow & Wilcox Co., Southington, Conn.
Reading Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn.
Stover Mfg. Co. ("Ideal"), Freeport, Ill.
Williams A. C. Co., Ravenna, O.
Wrightsville Hardware Co., Wrightsville, Pa.

2606—Clamps (Rail Bonding)

Electric Railway Improvement Co. (with Terminal Electrode), Cleveland, O.
M. & M. Rail Clamp Co., 102 W. Parkway, Pittsburgh, Pa.

2607— Clamps (Ring)

Kohaut John C., 117 Green, Newark, N. J.

2608— Clamps (Rivet)

Racky Albert C., 531 S 5th av, Chicago, Ill.

2609— Clamps (Rule)

Goodell-Pratt Co., Greenfield, Mass.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

2610— Clamps (Saw)

Atkins E. C. & Co. ("A.-A.-A."), Indianapolis, Ind.
Baldwin, Tuthill & Bolton (Filing), Grand Rapids, Mich.
Covel Mfg. Co. (Saw Filing), Benton Harbor, Mich.
Crescent Machine Co., Leetonia, O.
Dikeman Mfg. Co. ("Dikeman," All Steel Folding), Norwalk, Conn.
Disston Henry & Sons (Brazing, Filing, etc), Tacony, Phila., Pa.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Gustafson & Scott Mfg. Co. ("Climax" for Filing Band Saws), 4325 Wabansia av, Chicago, Ill.
Loetscher-Ryan Mfg. Co., Dubuque, Ia.
New Britain Machine Co. ("New Britain") 190 Chestnut, New Britain, Conn.
Reading Hardware Co., Reading, Pa.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Union Hardware Co., Torrington, Conn.
Woodwell Joseph Co. ("Keystone" Folding), 207 Wood, Pittsburgh, Pa.

2611—Clamps (Saw Brazing)

Atkins E. C. & Co., Indianapolis, Ind.
Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Covel Mfg. Co., Benton Harbor, Mich.
Disston Henry & Son, Tacony, Phila., Pa.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*

2612— Clamps (Screw)

Batavia Clamp Co. ("Colt's"), Batavia, N. Y.
Cincinnati Tool Co., Norwood, Cincinnati, O. *See adv index at end of book*
Dayton Malleable Iron Co. ("Dayton"), Dayton, O.
Estes E. B. & Sons (Wooden), 364 5th av, New York *See adv index at end of book*
Grand Rapids Hand Screw Co. (Wood Adjustable), Grand Rapids, Mich.
Hammer & Co. ("Hammer"), Branford, Conn.
Handy Mfg. Co., 29 E Madison, Chicago, Ill.
Le Count Wm. G., South Norwalk. Conn.
See adv index at end of book
Malleable Iron Fittings Co. ("M. I. F. Co.") Branford, Conn.
Milles C. H. Foundry Co. ("Todd"), 2449 W 21st, Chicago, Ill.
Oliver Machinery Co., Grand Rapids, Mich
Stearns E. C. & Co. (Adjustable), 450 Oneida, Syracuse, N. Y.
Taylor Jas. L. Mfg. Co. (Quick-Adjusting, Self-Locking Steel Bar, etc), Poughkeepsie, N. Y.
Welch T. F. Co., 55 Sudbury, Boston, Mass.
Wilcox, Crittenden & Co. (Ship & Ship Carpenter), Middletown, Conn.
Woodruff Walter W. & Sons Co., Mount Carmel, Conn.

Clamps (Ship)

See Clamps, Boat

Clamps (Splicing)

See Clamps, Linemen's Splicing

2613—Clamps (Steam Joint)

McCrea Jas. & Co. ("Climax"), 562 W Washington, Chicago, Ill.
Nusbaum F. A. ("Perfection," "King Bee"), 219 Ruffner, Lockland, O.
Roberts Geo. I. & Bros., 471 4th av, New York
Skinner M. B. Co. ("Skinner Pipe Joint"), 562 W. Washington, Chicago, Ill.
Yarnall-Waring Co. ("Simplex"), Harrison bldg., Phila., Pa.

2614— Clamps (Steel)

Athol Machine Co. (Parallel, Machinists' Swivel, etc), Athol, Mass.
Erie Metal Products Co. ("Thompson," Pressed Steel), Erie, Pa.
Goodell-Pratt Co., Greenfield, Mass.
Insley Mfg. Co. (Adjustable Concrete Form), 3500 E St. Clair, Indianapolis, Ind.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Le Count Wm. G., South Norwalk, Conn.
See adv index at end of book
Norfolk Mfg. Co. ("Hugo"), Norfolk, Conn.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I
Sawyer Tool Mfg. Co., Ashburnham, Mass.
STARRETT L. S. CO. (THE) (Tool Makers', etc.), Athol, Mass.
See adv index at end of book
Taylor Jas. L. Mfg. Co., Poughkeepsie, N. Y.

2615— Clamps (Steel Pipe)

American Steel Foundries (For Cast Iron Pipe Makers), McCormick bldg, Chicago, Ill.

2616— Clamps (Strap)

Williams J. H. & Co. ("Vulcan" Drop Forged), 31 Richards, B'klyn, N. Y.
See adv index at end of book

2617—Clamps (Testing, Electric Wire)

(For Testing Current in Telephone & Current Wires)

Anderson Albert & J. M. Mfg| Co., 289 A, Boston, Mass.
Belden Mfg. Co., 2316 So. Western av, Chicago, Ill.
Cameron Appliance Co., 48 Waters av, Everett, Mass.
Cook F. B., 162 N Clinton, Chicago, Ill.
Cutter Scott C. ("Scott Cutter"), Oswego, Ill.
Fahnestock Elec. Co., L. I. City, N. Y.
Fairmount Elec. & Mfg. Co., 59th & Woodland, Phila., Pa.
Frankel Connector Co., 177 Hudson, New York
Hallett Iron Works, Harvey, Ill.
Harvard Elec. Co., 525 W Vanburen, Chicago, Ill.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Jordan Bros., 74 Beekman, New York
Morse Frank W., 289 Congress, Boston, Mass. *See adv index at end of book*
Reliable Elec. Co., 411 S Sangamon, Chicago, Ill.
Schutz Mfg. Co., 3618 Lincoln av, Chicago, Ill.
States Co., 19 New Park av, Hartford, Conn.
Williams Test Clamp Co., 1051 Power av, Cleveland, O.

2618—Clamps (Tool Makers')

Athol Machine Co., Athol, Mass.
Browne & Sharpe Mfg. Co., Providence, R. I.
Champion Hardware Co., Geneva, O.
Goodell-Pratt Co., Greenfield, Mass.
Sawyer Tool Mfg. Co., Ashburnham, Mass.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book
Taylor Jas. L. Mfg. Co., Poughkeepsie, N. Y.
Williams J. H. & Co. ("Vulcan" Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

2619—Clamps (Trolley Pole)

Bayonet-Trolley-Harp Co., Springfield, O.
Bissell F. Co. ("Security"), Toledo, O.
Electric Railway Equipment Co. ("Sure Grip"), Cincinnati, O.
Ohio Brass Co. (Detroit Trolley Clamp), Mansfield, O.
WESTINGHOUSE ELEC. & MFG. CO., E Pittsburgh, Pa.
See adv index at end of book

2620—Clamps (Trolley Wire)

Electric Railway Equipment Co. ("Sure-Grip"), Cincinnati, O.
Electric Service Supplies Co. ("Keystone"), 17th & Cambria, Phila., Pa.
Klein Mathias & Sons ("Klein's" Parallel Screw), 562 W Van Buren, Chicago, Ill.
Ohio Brass Co. ("Modoc"), Mansfield, O.

Clamps (Water Pipe)

See Clamps, Hydrant & Water Pipe

2621— Clamps (Wire Fence)

Excelsior Fence Co. ("Excelsior"), Spokane, Wash.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
WRIGHT WIRE CO. ("Excelsior"), Worcester, Mass.
See adv index at end of book

2622— Clamps (Wire Rope)

See also Clamps, Guy

American Hoist & Derrick Co. ("Crosby"), St. Paul, Minn.
AMERICAN STEEL & WIRE CO. ("Crosby," etc.), 208 La Salle, Chicago, Ill. *See adv index at end of book*
Bethlehem Steel Co., So. Bethlehem, Pa.
Broderick & Bascom Rope Co. (Jobbers), Main & Douglas, St. Louis, Mo.
Channon Jas. H. Mfg. Co. (also Manila Rope Clamps), 227 W Erie, Chicago, Ill.
Dobbie Foundry & Machine Co., Main Office & Works: Niagara Falls, N. Y.
Fischer & Hayes Rope Co., 602 W. Lake, Chicago, Ill. *See adv index at end of book*
Harkins T. B. Foundry Co., Bristol, Pa.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lamson & Sessions Co. ("Bull Dog" Clip), Cleveland, O.
Lanz Matthew & Sons, 2907 Carson, Pittsburgh, Pa.
Laughlin Thos. Co., Portland, Me.
Leidecker Tool Co. ("Shyrock" for Temper Screws), Marietta, O.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
Lucey Mfg. Corp., 233 B'way, New York
For branch offices see Alphabetical Section
Macomber & Whyte Rope Co., Racine av, Kenosha, Wis.
Neptune Hardware Mfg. Co., 54 South, New York
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Schaper Construction Material Co., 90 West, New York
Seward & Co., Bloomington, Ind.
Upson-Walton Co. of N. Y., The, 291 B'way, New York
See adv index at end of book
Wheaton C. M. & Co. ("Wheaton"), Sunbury, Ohio
Wilcox, Crittenden & Co., Middletown, Conn.
WRIGHT WIRE CO., Worcester, Mass.
See adv index at end of book

Clamps (Wire Test)

See Connectors, Wire Test

Clamps (Woodworkers')

See Clamps, Cabinet Makers'

2622a—*Clarifiers (Centrifugal)

SHARPLES SPECIALTY CO. ("Super Centrifuge" for Varnish, Benzine, Oil, Glue, Pharmaceutical, Serum & Fruit Juices), West Chester, Pa.

2623— Clarifiers (Milk)

De Laval Separator Co., 165 B'way, New York
Sharples Separator Co., West Chester, Pa.

2624— Clarifiers (Sugar)

Blymer Iron Works Co. (Round Single Copper Coil, Steam), Cincinnati, O.
Cresson Morris Co., Alleghany & 18th, Phila., Pa.
Deming Apparatus Co. (For Purifying Sugar Solutions), 30 Church, New York
Flynn W. S., 76 Hudson, Jersey City, N. J.
Haubtman & Loeb Co. (Ltd.), 717 Magazine, New Orleans, La.
Joubert & Goslin Mach. & Fdry. Co., Birmingham, Ala.
Kilby Mfg. Co., Cleveland, O.
Murphy John H., 643 Magazine, New Orleans, La.

Oliver Continuous Filter Co., 503 Market, San Francisco, Cal., & 299 Madison av, New York
Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.
Pusey & Jones Co., ft Poplar, Wilmington, Del.
Squier Geo L. Mfg. Co., Buffalo, N. Y.
TURL IRON & CAR CO. INC. THE, 50 Broad, New York. Works: Newburgh, N. Y.

2625— Clarifiers (Varnish)

Col-mac Co., 250 South, Newark, N. J.
Empire Cream Separator Co., Bloomfield, N. J.
Sharples Specialty Co., West Chester, Pa.

2626— Clasps (Box)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book

2627— Clasps (Envelope)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book

2628—Clasps (Lug & Cant Hook)

American Logging Tool Co. (Malleable & Forged Steel), Evart, Mich.
Ransome Leach Co. (Malleable), 115 B'way, N. Y. City

2629— Clasps (Pail)

Acme Steel Goods Co. ("Acme" Flexible Pail & Crate), 2834 Archer av, Chicago, Ill.
CARY MFG. CO., Nassau & Jay, Brooklyn, N. Y. *See adv index at end of book*
DE HAVEN MFG. CO., 50 Columbia Heights, Brooklyn, N. Y.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
STANLEY WORKS, New Britain, Conn.
See adv index at end of book
Tichener E. H. & Co., Binghamton, N. Y.
Tilson Mfg. Co., Malden, Mass.
Townsend C. C. & E. P. Co., New Brighton, Pa.
Twisted Wire & Steel Co. ("Mitchell's Peerless"), 437 11th av, New York

2630— Classifiers (Slime)

Colorado Iron Works Co. ("Atkins" Hydraulic & Mechanical), Denver, Colo.
Darr Co., 1009 17th, Denver, Colo.
Denver Engineering Works Co. ("Richards" Pulsator), Denver, Colo.
Dorr Co. ("Dorr"), Equitable bldg, Denver, Colo.
James Ore Concentrator Co., 35 Runyon, Newark, N. J.
KENNEDY-VAN SAUN MFG. & ENG. CORP. (Hydraulic), 120 Broadway, New York *See adv index at end of book*
Merrill Metallurgical Co. ("Merrill" Hydraulic), 121 2d, San Francisco, Cal.
Pacific Tank & Pipe Co., 318 Market, San Francisco, Cal.

2631— Claws (Coal)

Wrightsville Hardware Co., Wrightsville, Pa.

2632— Claws & Grabs (Nail)

Auer John Jr. (4 & 5 Prong), 197 Middleton, Brooklyn, N. Y.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Landers Frary & Clark, New Britain, Conn.
Vaughan & Bushnell Mfg. Co. ("V & B" 8 Prong Claws Only), 2114 Carroll av, Chicago, Ill.

2633—Claws & Pullers (Tack)

Arcade Mfg. Co., Freeport, Ill.
Bagshaw & Field, 445 N 5th, Phila., Pa.
Bonney Vise & Tool Works (Drop Forged), Allentown, Pa.
See adv index at end of book
Bradley & Farnham ("Samson," "Monarch," "Ellis"), Middlefield, Conn.
Browne W. G. Mfg. Co. ("Star" Combination "Sterling," "Neverbreak," "Queen," "Bird"), Kingston, N. Y.
Browne & Dowd Mfg. Co. ("Standard Giant," "Yankee," "Sterling," "Star"), Meriden, Conn.
Buffum Tool Co. ("Swastika" Wood Handle, Drop Forged), South Side, Louisiana, Mo.
Cady Mfg. Co. ("Cady"), Auburn, N. Y.
Cassady Fairbank Mfg. Co. ("Fetchum," "Buckeye" Claw), 6126 S La Salle, Chicago, Ill.
Cronk & Carrier Mfg. Co. ("Little Giant"), 150 Lake, Elmira, N. Y.
See adv index at end of book
Deuse J. S., Chester, Conn.
Dunlap J. S., 334 S Clinton, Chicago, Ill.
Fletcher-Terry Co. ("Little Corporal"), Forestville, Conn.
Grey Iron Casting Co., Mt. Joy, Pa.
Handy Things Mfg. Co. ("Handy"), Ludington, Mich.
Jennings C. E. & Co., 71 Murray, New York
Johnson Wm. (Hedenberg Wks), Newark, N. J.
Keystone Drop Forge Works (Drop Forged), Chester, Pa.
Kilborn & Bishop Co., New Haven, Conn.
Knickerbocker Mfg. Co., Belleville, N. J.
Kraeuter & Co., 583 18th av, Newark, N. J.
Landers, Frary & Clark (Cast Steel & Malleable Iron), New Britain, Conn.
Lowentraut P. Mfg. Co. ("Montgomery"), 36 Brenner, Newark, N. J.
Mayhew H. H. Co., Shelburne Falls, Mass.
Osborne C. S. & Co., Harrison, N. J.
Parkhurst L. D., Danielson, Conn.
Peck, Stow & Wilcox Co., Southington, Conn.
Potter Mfg. Co. (Forged Steel), Geneva, O.
Reading Saddle & Mfg. Co. ("Reading"), Reading, Pa.
Rocky Hill Hardware Co. ("Samson" Polished Steel & Malleable Japanned, etc), Rocky Hill, Conn.
S. & I. Co. ("S. & I.," Extractors & Spreaders), Springfield, Mass.
Sargent & Co., New Haven, Conn.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Smith H. D. & Co. ("Perfect Handle"), Plantsville, Conn.
SMITH & HEMENWAY CO., INC. ("Giant" & "Red Devil"), 261 B'way, New York, & 139 Coit, Irvington, N. J.
See adv index at end of book
Stortz Jno. & Son, 210 Vine, Phila., Pa.
Turner & Deegan ("Little Gem"), Bristol, Conn.
Verona Tool Works (Spike, etc), Oliver bldg, Pittsburgh, Pa., & Verona, Pa.
White Ira F. & Son Co., Bloomfield, N. J.
Williams A. C. Co. (Cast Iron Only), Ravenna, O.
Wrightsville Hardware Co., Wrightsville, Pa.

2634— Clay Color Mfrs.

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

2635— Clay Feeders

(See also Feeders, Coal, Stone, Lime, Cement, etc.)
Fate J. D. Co., Plymouth, Ohio

Clay (Fire)

See Fire Clay

2636—Clay Miners & Shippers

Anness & Potter Fire Clay Co., Woodbridge, N. J.
Ashland Fire Brick Co. (For all Purposes), Ashland, Ky.
Binswanger H. P., 203 B'way, New York
Bloomfield Clay Co., Metuchen, N. J.
Cameron Clay Products Co., Emporium, Pa.
Cumberland Clay Co. (Refined White), Mt. Holly Springs, Pa.
Cutter W. C., Woodbridge, N. J.
Diller Clay & Stone Co., Lancaster, Pa.
Edgar Brothers Co., Metuchen, N. J.
Edgar Plastic Kaolin Co., Metuchen, N. J.
Excelsior Ball Clay Co. (Hickory & Sagger Clay), Cincinnati, Ohio
Harris Clay Co., Dillsboro, N. C.
Kiamensi Clay Co., Newport, Del.
Maurer Henry & Son (For All Purposes), 420 E 23d, New York
National Sales Co. (Ball), 31 E 13th, Cincinnati, O.
Ostrander Fire Brick Co., Troy, N. Y.
PAPER MAKERS' CHEMICAL CO., Easton, Pa.
Product Sales Co., 32 So. Culvert, Baltimore, Md.
Raritan Ridge Clay Co., Metuchen, N. J.
Rutland Fire Clay Co. ("Rutland") Rutland, Vt.
Uhl Pottery Co., Evansville, Ind.
Valentine M. D. & Bro. Co. (Foundry, etc), Woodbridge, N. J.
Vanderbilt R. T. Co., 50 E. 42d, New York

2637— Clay (Stove)

Rogers & Co. ("Keystone") Royersford, Pa.
Uhl Pottery Co., Evansville, Ind.
Williams Stove Lining Co. ("Eagle"), Taunton, Mass.

2638—Clay & Shale Gatherers

Fernholtz Brick Machinery Co., Boyle & Vandeventer av, St. Louis, Mo.

Clays (Bleaching & Filtering)

See Fullers Earth

2639— Clays (China)

CHRYSTAL CHARLES B. (Importer), 13 Cliff, New York
See adv index at end of book
Coulston J. W. & Co. (English) (Imp), 80 Maiden Lane, New York
Drankenfeld B. F. & Co. (Imp.), 50 Murray, New York
Dunn & Kruse, 63 Park Row, New York
Excelsior Ball Clay Co., Cincinnati, Ohio
Fuerst Bros. & Co., 2 Stone, New York
Golding Sons Co., Trenton, N. J.
Hammill & Gillespie, 240 Front, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Higman John W. Co. (Imp.), 29 B'way, New York
Katsenbach & Bullock Co., 100 William, New York
Klipstein A. & Co., 644 Greenwich, New York
Moore & Munger (Imp.), 29 B'way, New York
National Sales Co. (Imp.), 31 E 13th, Cincinnati, Ohio
Nevins Sam'l Co. (Dried, Ground & Bolted), 109 S 2d, Phila., Pa.
Newark China & Clay Co. (Miners & Refiners), Newark, Del.
New England Quartz Co. of N. Y., 107 William, New York
PAPER MAKERS' CHEMICAL CO. (American & English), Easton, Pa.
Perkins, Goodwin & Co., 33 W 42d, New York
Phila. Clay Co., 1316 Commonwealth, Phila., Pa.
Product Sales Co., 32 So Calvert, Baltimore Md.
Rockcastle Cement & Lime Co., Munsey bldg., Baltimore, Md.
Salomon L. A. & Bro. (Imp.), 216 Pearl, New York
Sant John & Sons Co., East Liverpool, O.
Scheel Wm. H., 159 Maiden, Ia., New York
Smith J. Lee & Co. (Imp.), 19 Jacob, New York
Smith Alfred, 98 Maiden Lane, New York
Star Clay Co. (Ltd.), Mertztown, Pa.
Taintor H. F. Mfg. Co. (Bolted, English), 2 Rector, New York; Works: Bayonne, N. J.
Tennant C. Sons & Co. of N. Y. (Imp.), 100 William, New York
Vanderbilt R. T. Co., 50 E. 42d, New York
Whittaker, Clark & Daniels, Inc. (Imp), 250 Front, New York
Wiarda John C. & Co. (Jobbers), 273 Greene, Brooklyn, N. Y.
WILLIAMS C. K. & CO. (Bolted), Easton, Pa.

2640— Clays (Crucible)

Excelsior Ball Clay Co., Cincinnati, Ohio
Kern Commercial Co. ("Schippach"), 114 Liberty, New York
Moore & Munger (Imp), 29 B'way, New York
Meng Anthony & Co. ("K. B. Crown" Imported), 17 S Front, Phila., Pa.
National Sales Co., 31 E 13th, Cincinnati, Ohio

2641— Clays, Minerals, Etc.

See also Color Manufacturers & Importers
Binney & Smith Co., 81 Fulton, New York
Binswanger, H. P. (Whol. Dlr.), 253 B'way, New York

CLAYS, MINERALS, ETC.—Continued

Blue Ridge Ochre Co., Cartersville, Ga.
Cherokee Ochre Co., Cartersville, Ga.
Chesapeake Oil Co., Stockholm & Peach alley, Baltimore, Md.
CHRYSTAL, CHAS. B., 13 Cliff, New York
See adv index at end of book
Crossman Co., South Amboy, N. J.
Doggett Stanley, 11 Cliff, New York
Dunn & Kruse (Imported), 63 Park Row, New York
Earle E. P., 165 B'way, New York
Excelsior Ball Clay Co. (Fire, Ball, Modeling, China, Crucible, Glass Pot, Potters' & Paper Makers' Clays), Cincinnati, Ohio
Feuchtwanger L. & Co., 136 Liberty, New York
FOX M. EWING CO. (Clays, Pigments, Minerals, etc.), 241 E 136th, New York
See adv index at end of book
Fuerst Bros. & Co. (Importers), 2 Stone, New York
Georgia-Peruvian Ochre Co., 165 B'way, New York
Goebel J. & Co. (Imp), 129 Maiden la, New York
Great Eastern Clay Products Co., 175 5th av, New York
Hammill & Gillespie (China, Potters, etc), 240 Front, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Herrmann Morris & Co. (Non-Fading Reds), 200 5th av, New York
Illinois Kaolin Co. (Dagger, Paper & Paint Clays), Anna, Ill.
Industrial Minerals Co., Inc., Monadnock bldg, San Francisco, Cal.
International Pulp Co., 41 Park Row, New York
Mepham Geo. S. & Co., 20th & Lynch, East St. Louis, Ill.
MINER-EDGAR CO. (Washed, Floated Brands), 30 Church, New York
Moore & Munger (Imp), 29 B'way, New York
National Gum & Mica Co., 59th & 11th av, New York
Nevins Samuel Co., 109 S 2d, Phila., Pa.
New Riverside Ochre Co., Cartersville, Ga.
PAPER MAKERS' CHEMICAL CO. (English & Domestic China & Ball Clays), Easton, Pa.
Philadelphia Clay Co. (High Grade Clays), 1316 Commonwealth, Phila., Pa.
Prince Mfg. Co. (Mineral Brown), 165 B'way, New York
Product Sales Co., 32 So. Calvert, Baltimore, Md.
Robbins A. A. Mining Co., 99 John, New York
Salomon L. A. & Bro. (China Clay, etc), 216 Pearl, New York
Scheel Wm. H. (Imp.), 159 Maiden la, New York
Smith J. Lee & Co. (Ochres, Crown Paris White, Indian & Venetian Reds, Drop Black & Colors, China Clay), 19 Jacob, New York
Star Clay Co. (Ltd.) (Clays), Mertztown, Pa.
Such J. Ridgeway, South Amboy, N. J.
Tennant C. Sons & Co. of N. Y. (Imp.), (Arsenic, China Clay, Talc, etc.), 100 William, New York
Thiele E., 11 Cliff, New York.
Union Talc Co. (Agalite), 132 Nassau, New York; Works: Gouverneur, N. Y.
Vanderbilt R. T. Co., 50 E 42d, New York
Wagener John O. & Co. (Mineral Pulp), Easton, Pa.
Wagner Chas. A., 222 N Water, Phila., Pa.
Whittaker, Clark & Daniels, Inc. (Imp), 250 Front, New York
Wilbur J. Co. (American Ochres, Talckene, Black Filler & Red & Gray Slates), Office, Providence, R. I.; Factory, Phila., Pa.
WILLIAMS C. K. & CO. (Mineral Pulp, Clays, Ochre, etc), Easton, Pa.

2642— Clays (Modeling)

Embossing Co., Albany, N. Y.
Excelsior Ball Clay Co., Cincinnati, Ohio
National Sales Co., 31 E 13th, Cincinnati, Ohio
New York Architectural Terra Cotta Co., 401 Vernon av, Long Island City, N. Y.
Novitas Sales Co. ("Modeline"), Waltham, Mass.
Stewart & Co. ("Plasteline"), 24 B'way, New York
Uhl Pottery Co., Evansville, Ind.

2642a— *Cleaner (Auto)

Du Pont Chemical Works ("Pontoklene"), 120 B'way, New York

2643— Cleaners (Air)

Lord Mfg. Co. ("Spencer Patent, Screenless, for Air Compressors), 105 W 40th, New York

2644—Cleaners (Alfalfa Seed)

Ferrell A. T. & Co. ("Clipper"), Saginaw, Mich.
Johnson & Field Mfg. Co. Racine, Wis.
Owens J. L. Co., Fulton & S E Huron, Minneapolis, Minn.

2645—Cleaners (Bean & Pea)

Ferrell A. T. & Co. ("Clipper"), Saginaw, Mich.
Johnson & Field Mfg. Co. ("Racine"), Racine, Wis.
Owens J. L. Co. ("Advance"), Fulton & S E Huron, Minneapolis, Minn.
Tinkham C. O. ("Advance" Spiral Brush Bean Cleaner & Polisher), Akron, N. Y.

2646—Cleaners (Boiler Flue & Tube)

Advance Packing & Supply Co., 11-15 N. Franklin, Chicago, Ill.
Bate Boiler Efficiency Co., Conshohocken, Pa.
Bayer Steam Soot Blower Co., St. Louis, Mo.
Berry Engineering Co., Chester, Pa.
Browne F. W. Farmington, N. H.
Burgess Machine Co. ("Gronvold" Boiler Flue), New Haven, Conn.
Caldwell H. W. & Son Co. ("Ruggles"), 17th & Western av, Chicago, Ill.
Challenge Tube Cleaner Co., 63 Market, Lowell, Mass.
Chesterton A. W. Co. ("Ingalls," "Eliptical" Tube Scraper, "Engineers' Favorite" & "Wonder" Tube Cleaner, Combination Scraper & Brush, "Abram" Tube Brush & Spiral Tube Brush & Blowers & Suckers), 64 India, Boston, Mass.
Christoffel's A. Sons, 277 Eldert, Brooklyn, N. Y.
Claflin C. A. Co. ("Claflin" Patent Steam Automatic & Continuous-Blast), 161 High, Boston, Mass.
Clark A. C. & Co. (Mechanical Boiler Cleaner), 1035 E 76th, Chicago, Ill.
Crescent Brass Mfg. Co. ("Cyclone" Steam Flue Cleaner), Cleveland, O.
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.
Decatur Specialty Co. (Flue), Decatur, Ill.
Diamond Power Specialty Co. ("Diamond" Steam Tube Cleaner, Suckers & Blowers), Detroit, Mich.
Elliott Co. ("Cyclone," "Bull Dog"), Pittsburgh, Pa.
Flint Warren F. Co. (Wire), 220 Franklin, Boston, Mass.
French E. C. & Co. ("B. O. E."), 53 W Jackson blvd, Chicago, Ill.
GEM MFG. CO. ("Gem" Flue Scrapers), Goebel nr Fulton, N S, Pittsburgh, Pa.
See adv index at end of book

CLEANERS (BOILER TUBE)
GEM GUARANTEE GOOD
"Gem," Brush Spiral and Coniform are wonders.
GEM MFG. CO., Pittsburgh, Pa.

General Specialty Co. ("Torpedo" Fire Tube Cleaner & "Demon" Water Tube Cleaner, Operated by Water), Buffalo, N. Y.
Gerhardt C. (Flue & Tube Brushes), 591 Hudson, N. Y.
Gilmore Tube Scraper Works (F. G. Crowell, Prop.) ("Gilmore" Tube Scraper), Buffalo, N. Y.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL REGISTER

Globe Boiler Compound Co. ("Case" Patent Metal Boiler Cleaner), Binghamton, N. Y.
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
Griffiths Jas. A. ("The Cook" Blowers & Suckers), 1315 Buttonwood, Phila., Pa.
Hennebohle Frank (Blowers & Suckers) 8101 S Chicago av, Chicago, Ill.
Hilts Wrench & Mfg. Co. ("Perfect"), Richford, N. Y.
Huyette Paul B. Co. ("Tornado" Air Blower Tube or Flue Cleaner) 5 S 18th, Phila., Pa.
Irving Mfg. & Tool Co. (Flue Cleaners), 157 Chambers, New York
Lagonda Mfg. Co. ("Weinland" Water Power Tube Cleaner, Turbine), Springfield, O.
Leonard & McCoy ("The Hotchkiss"), 161 Washington, New York
Liberty Mfg. Co. ("Liberty," "Chicago," "Cyclone"), Pittsburgh, Pa.
Lord L. L., Meadville Pa.
McCrea Jas. & Co. ("Butman's" Ball Joint Flue Scraper Rod), 562 W Washington, Chicago, Ill.
McLaughlin Geo. G. Mfg. Co., 24 Washington, N. Boston, Mass.
Manchester Mfg. Co. ("The Meyers" Automatic Skimmer), North Manchester, Ind.
Marion Machine, Foundry & Supply Co. ("Marion" Flue Blower), Marion, Ind.
Max Machine Co., Clinton, Mass.
Michigan Lubricator Co. ("Correct," "Engineers" & "King" & Adjustable Flue Scrapers), Detroit, Mich.
Mulholland Wm. ("Spencer"), 79 White, New York
National Boiler Specialties Co., Elgin, Ill.
National Flue Cleaner Co., Trenton, N. J.
Newark Brush & Scraper Co. ("Abrams" Tube Brush), 266 Fabyan pl, Newark, N. J.
Nuhring Chas. & Bro. (Soot Blowers & Suckers, "Success & Kant-Blo-Off"), 1212 Walnut, Cincinnati, O.
Osborn-Crew Mfg. Co., Cleveland, O.
Parson Mfg. Co. ("Parson's" Air Jet Flue Cleaner), 35 Nassau, New York
Paxson J. W. Co., 1021 Delaware av, Philadelphia, Pa.
Perfection Grate & Supply Co. ("Perfection" Blower), Springfield, Mass.
Pierce Wm. B. Co. ("Dean" Boiler Tube Cleaner, Steam or Power), Buffalo, N. Y.
PILLEY FLUE BRUSH CO. (Brushes, Scrapers & Blowers), 604 S 3d, St. Louis, Mo.
Poole Mfg. Co. ("Little Giant" Power Water Tube & Fire Tube Cleaner), 325 Columbus av, Boston, Mass.
Reiter E. H., Elgin, Ill.
Robertson Jas. L. & Son ("The Hurricane"), 78 Murray, New York
Rosedale Foundry & Machine Co. (Pneumatic), Columbus & Preble, Pittsburgh, Pa.
Roto Co. ("Roto" Steam, Air & Water Driven for Fire Tube and Water Tube Boilers), Hartford, Conn.
Scully Steel & Iron Co. ("Ruggles" Perfection Flue Cleaner), 2364 S Ashland av, Chicago, Ill.
Seehausen, Wehrs & Co. ("Chicago"), 173 N Franklin, Chicago, Ill.
Sharkey & Peck (Boiler Cleaners & Skimmers), 2433 W 18th, Chicago, Ill.
Simonds G. L. & Co. ("Vulcan Soot"), 230 S La Salle, Chicago, Ill.
Thompson Richard & Co. ("Thompson's 20th Century" Tube Cleaner or Injector Blower), 126 Liberty, New York
Thum C. D. (Brushes), 150 N 3d, Phila., Pa.
Vulcan Fuel Economy Co., 508 Jeff bldg, Chicago, Ill. *See adv index at end of book*
Walsh & Weidner Boiler Co., Chattanooga, Tenn. *See adv index at end of book*
Wolfe Brush Co., 1805 Beaver av, Pittsburgh, Pa.
Worcester Brush & Scraper Co. ("Criss-Cross" Tube Cleaner, etc), Worcester, Mass.

2647—Cleaners, Boiler Flue or Tube (Brushes)

See also Brushes, Flue

Browne F. W. ("Abrams" Steel Wire), Farmington, N. H.
Chesterton A. W. Co. ("Abram" Tube Brush & Spiral Tube Brush), 64 India, Boston, Mass.
Christoffel's A. Sons (Flexible Steel Coil Brushes), 277 Eldert, Brooklyn, N.Y.
Flint Warren F. Co., 220 Franklin, Boston, Mass.
Gerhardt C. (Flue & Tube Brushes), 591 Hudson, New York
Gilman Snow Guard Co. (Steel Wire), 103 Merrimac, Boston, Mass.
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
Newark Brush & Scraper Co. ("Abram's" Tube Brush), 266 Fabyan pl, Newark, N. J.
Peerless Mfg. Co. ("Peerless"), New Durham, N. H.
PILLEY FLUE BRUSH CO. ("Pilley" Wire & "Abrams"), 604 S 3rd, St. Louis, Mo.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Thum Chas. D., 150 N 3rd, Phila., Pa.
Wolfe Brush Co., 1805 Beaver av, Pittsburgh, Pa.
Worcester Brush & Scraper Co. ("Ingalls" Tube Brush & Cleaner, & "Worcester" Flue Brush), Worcester, Mass.

2648—Cleaners, Boiler Flue or Tube (Scrapers)

Chesterton A. W. Co. ("Ingalls" Tube Scraper, "Engineer's Favorite" Elliptical; also Combined Scraper & Brush), 64 India, Boston, Mass.
Christoffel's A. Sons, 277 Eldert, Bk'lyn, N. Y.
French E. C. & Co. ("B. O. E." Combination), 53 W Jackson blvd, Chicago, Ill.
GEM MFG CO. ("Gem" Brush Spiral Flue & Coniform Scrapers), Goebel near Fulton N S, Pittsburgh, Pa. *See adv index at end of book*
Gilmore Tube Scraper Works (F. G. Crowell Prop.) ("Gilmore" Tube Scraper), Buffalo, N. Y.
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
Keeley James J. ("Jackson" Flue Scraper), Jackson, Mich.
Lord L. L., Meadville, Pa.
Michigan Lubricator Co. ("Essex," "King") Detroit, Mich.
Morgan Spring Co. (Flue Scrapers), Worcester, Mass. *See adv index at end of book*
Newark Brush & Scraper Co. ("Collicott's" Improved Ingall's), 266 Fabyan pl, Newark, N. J.
PILLEY FLUE BRUSH CO. ("Pilley"), 604 S 3rd, St. Louis, Mo.
Ryerson Jos. T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*
Scully Steel & Iron Co. ("Ruggles Perfection"), 2364 S Ashland av, Chicago, Ill.
Sherwood Mfg. Co. ("Duplex" Tube Scraper, "Engineers' Favorite" Flue Scraper), 1709 Elmwood, Buffalo, N. Y.
Smith Winfield H. ("Common Sense"), Buffalo, N. Y.
Stewart Heater Co. ("Favorite"), Buffalo, N. Y.
Worcester Brush & Scraper Co. ("Ingalls" Tube Scraper & Brush), Worcester, Mass.

2649—Cleaners, Boiler Flue or Tube (Soot Blowers & Suckers)

Bayer Steam Soot Blower Co., St. Louis, Mo.
Chesterton A. W. Co. ("Wonder," "Robinson" Tube Cleaner), 64 India, Boston, Mass.
Claflin C. A. Co. ("Claflin" Automatic & Continuous-blast), 161 High, Boston, Mass.
Diamond Power Specialty Co. ("Diamond" Steam Flue Blower), Detroit, Mich.
General Specialty Co. ("Whirlwind"), Buffalo, N. Y.
Griffiths James A. ("The Cook"), 1315 Buttonwood, Phila., Pa.
Hafer Foundry & Machine Works, Chambersburg, Pa.
Hennebohle Frank, 8101 S Chicago av Chicago, Ill.
Huyette Paul B. Co. ("Tornado" Air Blower Tube or Flue Cleaner), 5 S 18th, Phila., Pa.
Jarecki Mfg. Co. ("The Hurley Freeman") Erie, Pa.
Lane Mfg. Co., Chicago Heights, Ill.
Marion Machine, Foundry & Supply Co. ("Marion" Soot Blower), Marion, Ind.
Max Machine Co., Clinton, Mass.
Michigan Lubricator Co. ("Correct," "Engineers"), Detroit, Mich.
National Flue Cleaner Co. ("National"), Trenton, N. J.
Nuhring Chas. & Bro. ("Success" & "Kant-Blo-Off"), 1212 Walnut, Cincinnati, O.
Parson Mfg. Co. ("Parson's" Air Jet Flue Cleaner), 35 Nassau, New York
Pilley Flue Brush Co. ("Pilley" Flue Blowers), 604 S 3rd, St. Louis, Mo.
Sherwood Mfg. Co. ("Favorite" Steam Flue Blowers), 1709 Elmwood, Buffalo, N. Y.
Simonds G. L. & Co. ("Vulcan"), 230 S La Salle, Chicago, Ill.
Steam Appliance Co. ("Henry" Steam), Milwaukee, Wis.
Thompson Richard & Co. ("Thompson's 20th Century" Tube Cleaner or Injector Blower), 126 Liberty, New York
Vulcan Fuel Economy Co., 508 Jaff bldg, Chicago, Ill. *See adv index at end of book*
Vulcan Soot Cleaner Co., Du Bois, Pa.

2650—Cleaners, Boiler Flue or Tube (Steam or Power)

Bayer Steam Soot Blower Co. (Steam Only), St. Louis, Mo.
Burgess Machine Co. ("Gronvold" Boiler Flue), New Haven, Conn.
Caldwell H. W. & Son Co. ("Red Jacket"), 17th & Western av, Chicago, Ill.
Claflin C. A. Co. ("Claflin" Steam Automatic & Continuous-blast), 161 High, Boston, Mass.
General Specialty Co. ("Torpedo" Power), Buffalo, N. Y.
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
Hafer Foundry & Machine Wks., Chambersburg, Pa.
Lagonda Mfg. Co. ("Weinland" Water Power Tube Cleaner), Springfield, O.
Liberty Mfg. Co. ("Liberty," "Cyclone," "Chicago"), Pittsburgh, Pa.
Manchester Mfg. Co. ("Myers," Automatic), North Manchester, Ind.
Maurer Wm. & Co. ("Lightning" Tube Cleaners), South Bend, Ind.
Monarch Steam Blower Co. (Steam), Troy, N. Y.
Osborn-Crew Mfg. Co. ("A. & D."), Cleveland, O.
Pierce Wm. B. Co. ("Dean" Tube Cleaner), Buffalo, N. Y.
Poole Mfg. Co. ("Little Giant" Power Water Tube & Fire Tube Cleaner), 325 Columbus av, Boston, Mass.
Robertson Jas. L. & Son ("The Hurricane"), 78 Murray, New York
Roto Co. ("Roto" Steam, Air & Water Driven), Hartford, Conn.
Ryerson Jos. T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*
Steam Appliance Co. ("Henry," Steam Flue Cleaners), Milwaukee, Wis.

2651—Cleaners (Boiler, Skimmers)

Buckeye Boiler Skimmer Co. ("Buckeye" Automatic), Toledo, O.
Manchester Mfg. Co. ("Myers"), North Manchester, Ind.
Sharkey & Peck, 2433 W 18th, Chicago, Ill.

2652—Cleaners (Boiler, Turbine)

Lagonda Mfg. Co. ("Weinland"), Springfield, O.
Liberty Mfg. Co. ("Liberty" Heavy Duty), Pittsburgh, Pa.

2653—Cleaners (Bolting Cloth)

Allis-Chalmers Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
Cream City Can Works ("Peterson's"), 241 Oregon, Milwaukee, Wis.

2654— Cleaners (Broom Corn)

Colton G. D. & Co. ("Galesburg"), Galesburg, Ill.
Reese F. W. ("Reese"), Paris, Ill.

Cleaners (Carpet)

See Sweepers, Carpet

2655— Cleaners (Corn)

Barnard & Leas Mfg. Co., Moline, Ill.
Cleland Mfg. Co. ("Expert"), 2800 University av, N, Minneapolis, Minn.
Ferrell A. T. & Co., Saginaw, Mich.
Great Western Mfg. Co., Leavenworth, Kan.
Marseilles Co., East Moline, Ill.
Nordyke & Marmon Co. (Also Grain), 1290 Kentucky av, Indianpolis, Ind.
Owens J. L. Co., Fulton & S. E. Huron, Minneapolis, Minn.
Sprout Waldron & Co., Muncy, Pa.
Twin City Separator Co. ("Hero"), 29th & Colfax av S, Minneapolis, Minn.
Union Iron Works, Decatur, Ill.

2655a—Cleaners (Current & Raisin)

American Machinery Co. ("American"), 1229 Callowhill, Phila., Pa.

2656— Cleaners (Drain)

See also Shovels & Spades, Drain & Tiling
Columbus Handle & Tool Co., Columbus, Ind.
Farmers' Cement Tile Machine Co., St. Johns, Mich.
Iwan Bros. ("Champion"), South Bend, Ind.
Seymour Mfg. Co., Seymour, Ind.

2657—Cleaners (Drain Pipe)

Blue Seal Chemical Co., 417 E. 16th, New York
Chamberlain Co. ("Desolvo" Compound), 305 Penn av, Pittsburgh, Pa.
Chemical Products Co. ("Ninety-Nine"), 116 Christopher, New York
Hercules Chemical Co., 347 B'way, New York

2658— Cleaners (Felt)

PAPER MAKERS' CHEMICAL CO. ("Excelsior," for Paper Makers), Easton, Pa.

Cleaners (File)

See Cards, File

2659— Cleaners (Flax-Seed)

Johnson & Field Mfg. Co. ("Racine"), Racine, Wis.
Owens J. L. Co. ("Northwestern"), Fulton & S. E. Huron, Minneapolis, Minn.

2660— Cleaners (Gun)

See also Tools, Gun Cleaning & Reloading
Faries Mfg. Co. (Rods), Decatur, Ill.
Handy Things Mfg. Co., Ludington, Mich.
Marble Arms & Mfg. Co., Gladstone, Mich.
Nichols C. M., Beaumont, Tex.
Rogers Frank H, Deep River, Conn.
Stephenson Mfg. Co., South Bend, Ind.
Stevens J. Arms Co. (& Rifle), Chicopee Falls, Mass.

2661— Cleaners (Hand)

See also Soap
Fiebing Chemical Co., 240 Reed, Milwaukee, Wis.
Harsh-Miller Mfg. Co. ("Humane" Horse Cleaners), Wabash, Ind.
Hollingshead R. M. Co. ("Whiz" Roadside), Camden, N. J.
Seed Filter & Mfg. Co. ("Seed's"), 73 Franklin, New York

2662—Cleaners, Hat (Motor Driven)

Fidelity Elec. Co., Lancaster, Pa.
Robbins & Myers Co., 1400 Layonde, Springfield, O.
Schnauffer Wm. A., 200 W. 83d, New York

2663— Cleaners (Hose)

Consolidated Mfg. Co. ("Rudiger" Automatic), 54 Belmont av, Newark, N. J.

2664— Cleaners (Knife)

Keil Francis & Son, 401 E 163d, New York
Landers, Frary & Clark ("Universal"), New Britain, Conn.

2665—*Cleaners (Lamp Chimney)

Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book

2666— Cleaners (Metal)

Electric Smelting & Aluminum Co. ("Mineral-Cleaner"), Lockport, N. Y.
Ford J. B. Co ("Wyandotte"), Wyandotte, Mich.
International Chemical Co., Camden, N. J.
Rhodes Jas. H. & Co. ("Carlsruhe"), 115 Fulton, New York

2666a— Cleaners (Nail)

The Arlington Works (E. I. du Pont de Nemours & Co.), 21 E 40th, New York

2667—Cleaners or Rumblers (Cork)

U. S Bottlers' Machinery Co., 1033 W Lake, Chicago, Ill.

2668— Cleaners (Pavement)

See also Scrapers, Road & Pavement

American Fork & Hoe Co., Cleveland, O.
Columbus Handle & Tool Co. ("Columbus" Steel), Columbus, Ind.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Iwan Bros., South Bend, Ind.
Jackson Shovel & Tool Co. (Steel), Montpelier, Ind.
Kohler F. E. Co. (Steel), Canton, O.
Maynard C. A., Northampton, Mass.
Union Fork & Hoe Co. (Solid Steel, Snow & Ice), Columbus, O.
Union Furnace Mfg. Co., Union Furnace, Pa.
Wallingford Mfg. Co. (Solid Steel, Snow & Ice), Wallingford, Vt.

2669— Cleaners (Pipe)

Baum Bros. Co., Denver, Col.
Cassady, Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Chamberlain Co. ("Desolvo"), 305 Penn av, Pittsburgh, Pa.
Hercules Chemical Co. (Chemical Plumbing), 347 W. B'way, New York
Lewis Sam'l ("Wrigley"), 73 Barclay, New York
Pilley Flue Brush Co., 604 S 3d, St. Louis Mo.

2670— Cleaners (Pot)

See also Scrapers, Pot & Kettle

Andrews Wire & Iron Works, Rockford, Ill.
Fricke Adolf ("Fricke," Gold Sink Metal), 73 Franklin, New York
Hamblin & Russell Mfg. Co., Worcester, Mass.
Mystic Mit Co., Inc., 240 Main, Orange, N. J.
National Mfg. Co. ("Natwire"), Worcester, Mass.
Sherwood J. M. Co., 154 Chambers, New York

2671— Cleaners (Sack)

Gauntt F. G. Mfg. Co., Fort Wayne, Ind
Wolf Co., Chambersburg, Pa.

2672— Cleaners (Shoe)

Dennehy Bros., Brockton, Mass.
Hilker Edward Mop Co. ("Hilker"), 2614 W. Grand av, Chicago, Ill.
Root-Heath Mfg. Co. ("Universal"), Plymouth, Pa.

Cleaners (Sidewalk)

See Cleaners, Pavement

2673— Cleaners (Sink)

Cleveland Osborn Mfg. Co., 5405 E. Hamilton, Cleveland, O.
National Enameling & Stamping Co., 411 5th av, New York
National Mfg. Co. ("Natwire"), Worcester, Mass.
New York Stamping Co. ("Magic"), N 11th & Berry, Brooklyn, N. Y.
Wire Goods Co., Worcester, Mass.

2674— Cleaners (Skylight)

Andersen Specialty Co. ("Daylite," Greaseless), 6 E Lake, Chicago, Ill.

2674a— *Cleaners (Slot)

Nelson Tool Co., Inc., 782 E 142d, New York. *See adv index at end of book*

2675—Cleaners (Smoking Pipe)

Gilbert E. T. Mfg. Co., Rochester, N. Y.

2676—Cleaners (Switchboard)

2677— Cleaners (Track)

Brill J. G. Co., 62d & Woodland av, Phila., Pa.
McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg, Chicago, Ill.
Root Spring Scraper Co., Kalamazoo, Mich.
St. Louis Car Co. (Scrapers), 8000 N B'way, St. Louis, Mo.

Cleaners (Vacuum)

See Vacuum Cleaners, Hand & Power

2678—Cleaners (Wall Paper)

Climax Cleaner Mfg. Co., Cleveland, O.
Electric Cleanser Co., Canton, O.
Fuller H. B. Co. ("Fuller's" Cold Water), 188 W 3d, St. Paul, Minn.
Jewel Mfg. Co., 2863 W 22nd, Chicago, Ill
Rutherford Wm., 2433 Leland av, Chicago, Ill.

2679— Cleaners (Window)

See also Brushes, Window

Cleveland Osborn Mfg. Co. ("Sure Clean"), 5405 E. Hamilton, Cleveland, Ohio
Dennis W. J. & Co. ("Ideal"), 2120 W Lake, Chicago, Ill.
Empire Tire & Rubber Corp. (Rubber), East Trenton, N. J.
Goodrich B. F. Co. (Rubber), Akron, O.
Mac Leod Mfg. Co., 412 Orleans, Chicago, Ill.
Outlook Co. (Auto Windshield), 5510 Euclid av, Cleveland, O.
Parker Wire Goods Co., Worcester, Mass.
Smith F. H. Mfg. Co. ("Common Sense" Adjustable & "O. K."), 3047 Carroll av, Chicago, Ill.
Standard Cleaner Co. ("Peerless," "X-L-C-R" Rubber), 122 S Michigan av, Chicago, Ill.

2680—Cleaning (Water Main)

National Water Main Cleaning Co., 50 Church, New York

2681— Cleanouts

Advance Mfg. Co. ("Palmer," "Dandy" Cast Iron), Erie, Pa.
American Foundry & Mfg. Co. (Brass, Cast Iron & Iron Body), 11th & Herbert, St. Louis, Mo.
Barrett Jas. Mfg. Co. ("Barrett Nonpareil," Cast Iron & Iron Body), 117 Pearl, Boston, Mass.
Bignall Co. ("Dandy"), Medina, N. Y.
Blake Specialty Co. ("Blake's"), Rock Island, Ill.
Campbell J. B. Brass Works (Brass & Iron Body), Erie, Pa.
Campbell Mfg. Co. (Cast Iron & Iron Body), Gadsden, Ala.
Central Foundry Co. ("Sure-Seal," Cast Iron & Iron Body), 90 West, New York
Charlotte Pipe & Foundry Co. (Cast Iron & Iron Body), Charlotte, N. C.
Compound Injector & Specialty Co. ("Dehn's Acme," Cast Iron), 419 N Laramie av, Chicago, Ill.
Conrad Jno. F. Co., Elizabeth, N. J.
Cooper Sanitary Mfg. Co. (Brass), 34th & Chestnut, Phila., Pa.
Craig David, 70 Broad, Boston, Mass.
Crampton-Farley Brass Co. ("Noxall" Iron), 221 Main, Kansas City, Mo.
Estabrook's R. Sons ("Boston," Cast Iron), 202 1st, Boston, Mass.
See adv index at end of book
Federal-Huber Co. (Brass), 234 N Halsted,, Chicago, Ill.
Fleck Bros. Co. (Brass), 44 N 5th, Phila., Pa.
Franklin Pipe & Foundry Co. (Cast Iron & Iron Body), 2438 S Paulina, Chicago, Ill.
Glauber Brass Mfg. Co. (Brass & Iron Body), 49th & Superior av N E, Cleveland, O.
Haines, Jones & Cadbury Co. (Brass & Iron Body), 1136 Ridge, Phila., Pa.
Haydenville Co. (Brass & Iron Body), Haydenville, Mass.
Hays Mfg. Co. ("Foley," Brass & Cast Iron), Erie, Pa.
Illinois Malleable Iron Co. (Brass & Iron Body), 1801 Diversey blvd, Chicago, Ill. *See adv index at end of book*
Kupferle Jno. C. Foundry Co. (Iron Body), 1st & Wright, St. Louis, Mo.
Modern Iron Works (Cast Iron & Iron Body), Quincy, Ill.
Monarch Brass Co. (Brass), Cleveland, O.
Perkes Chas. (Est. of) (Brass), 627 Arch, Phila., Pa.
Pittsburgh Valve & Fittings Co. ("Pittsburgh" Cast Iron), Frick bldg., Pittsburgh, Pa.
Prier Brass Mfg. Co. (Brass & Cast Iron), Kansas City, Mo.
Royal Brass Mfg. Co. (Brass), 1418 E 43d Cleveland, O.
Sanitary Co. of America (Brass, Cast Iron & Iron Body), Linfield, Pa.
Stebbins E. Mfg. Co. (Brass), Springfield, Mass.
Street & Kent Mfg. Co. (Brass), 549 Fulton, Chicago, Ill.
Swett A. L. Iron Works (Cast Iron), Medina, N. Y.
Union Brass & Metal Mfg. Co. (Brass), Lawson & Mackubin, St. Paul, Minn.
Union Foundry Co., Anniston, Ala.
Union Metal Works, Chelsea, Mass.
Watertite Drain & Scupper Co. ("Anticlogg," Brass, Cast Iron & Iron Body), 351 Lex. av, New York
Wheeling Sanitary Mfg. Co. (Enameled), Wheeling, W. Va.
Wolff L. Mfg. Co. (Brass, Cast Iron & Iron Body), 111 N. Dearborn, Chicago, Ill.
Woodward-Wagner Co. (Iron Body), 1106 Spring Garden, Phila., Pa.

2682— Cleats (Awning)

Greene, Tweed & Co., 109 Duane, New York
Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Parker Wire Goods Co., Worcester, Mass.
Reading Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn.
Wire Goods Co., Worcester, Mass.

2682a— Cleats (Barrel)

Hubbard & Co. ("Co-Z"), 63d & Butler, Pittsburgh, Pa.

2683— Cleats (Boat)

Davies & Thomas Co., Catasauqua, Pa.
Gillie Machine Co., Tonawanda, N. Y.
Harry L. C. Co., 114 Liberty, New York
Laughlin Thos. Co., Portland, Me.
Long E. G. Co., 50 Church, New York
Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.
Marine Hardware Co., Peabody, Mass.
Marine Hardware-Equipment Co. ("Acme" & "Mheco"), So. Portland, Me.
Marine Mfg. & Supply Co., 158 South, New York
Shelton Water Co., Derby, Conn.
Thacher Geo. H. & Co., Albany, New York
Wilcox, Crittenden & Co. (Brass & Galvanized), Middletown, Conn.

2684— Cleats (Car Wiring)

Bryant Electric Co., Bridgeport, Conn.
Burns Jas. F., 713 Cherry, Phila., Pa.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
MORSE FRANK W. (Brass), 289 Congress, Boston, Mass.
See adv index at end of book

2685—Cleats (Compressed Wood Wiring)

Blake Signal & Mfg. Co., 251 Causeway, Boston, Mass.

2686— Cleats (Conduit)

Berger Bros. Co., 229 Arch, Phila., Pa.
Diamond Mfg. Co., Detroit, Mich.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
Wolff L. Mfg. Co., 111 N. Dearborn, Chicago, Ill.

2687— Cleats (Fibre Wiring)

American Vulcanized Fibre Co., 504 Equitable bldg, Wilmington, Del.
Continental Fibre Co. ("Bakelite Dilecto" & Vulcanized fibre), Newark Centre, Del.
DELAWARE HARD FIBRE CO., Wilmington, Del.; Works: Marshallton, Del. *See adv index at end of book*
Diamond State Fibre Co., Elsmere, Del.
National Fibre & Insulation Co., Yorklyn, Del.
Standard Fibre Co., Miller st, Somerville, Mass.
WILMINGTON FIBRE SPECIALTY CO., Wilmington, Del.
See adv index at end of book

2688—Cleats (Porcelain or Clay)

Akron Smoking Pipe Co., Mogadore, O.
Colonial Sign & Insulator Co., Akron, O.
Cook Pottery Co., Trenton, N. J.
Denver Pressed Brick Co., Denver, Colo.
Electric Porcelain & Mfg. Co. (Porcelain Only), Trenton, N. J.
Empire China Works (Porcelain to Order Only), 156 Greene, Brooklyn, N. Y.
Imperial Porcelain Works ("Duggan," Porcelain), Trenton, N. J.
Knowles C. S. ("B-D," "Cartwright"), Boston, Mass.
Pass & Seymour (Porcelain), Solvay, N. Y.
Thomas R. & Sons Co. (Electrical Porcelain Only), East Liverpool, O.
Trenton Porcelain Co., Trenton, N. J.
Union Porcelain Works, 300 Eckford, Brooklyn, N. Y.

2689— Cleats (Rope)

Brewer Bros. Co. (Wrought), 614 Filbert, Phila., Pa.
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Dobbie Foundry & Machine Co., Main Office & Works: Niagara Falls, N. Y.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Parker Wire Goods Co. ("Handy"), Worcester, Mass.

2689a— *Cleats (Wooden)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

2690—Cleavers (Butchers' & Family)

Am. Knife Co. (Butchers), Baldwinsville, N. Y.
American Cutlery Co. (Family), 764 Mather, Chicago, Ill.
NICHOLS BROS. ("Nichols Bros."), Greenfield, Mass.
Black John B. Co. ("Wm. Beatty & Sons," "Royal," "Diamond"), Chester, Pa.
Bradley G. W. Axe & Tool Mfg. Co., Newburgh, N. Y.
Brecht Co., 1201 Cass av, St. Louis, Mo.
Browne & Dowd Mfg. Co. (Family), Meriden, Conn.
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Chatillon Jno. & Sons, 85 Cliff, New York
Christy Knife Co. (Family Cleavers), Fremont, Ohio
Clyde Cutlery Co. (Family), Clyde, O.
Enderes, Inc., Albert Lea, Minn.
Evansville Tool Works, Evansville, Ind.
Forsyth Metal Goods Co. ("Family"), E Aurora, N. Y.
Foster Bros. & Chatillon Co., Fulton, N. Y.
Kinnell Philip H., Columbubs, O.
Knickerbocker Mfg. Co. (Family Only), Belleville, N. J.
Mack & Co., Rochester, N. Y.
Ontario Knife Co. (Family), Franklinville, N. Y.
Plumb F. R. (Inc.), Tucker & James, Phila., Pa.
Reading Saddle & Mfg. Co. ("Reading" Family), Reading, Pa.
Richard Stephen Co. ("S-N" & Family), Southbridge, Mass.
Stortz, Jno. & Son (Family), 210 Vine, Phila., Pa.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.
White Ira F. & Son Co. (Family Cleaver & Tender), Bloomfield, N. J.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

2691— Cleavers (Ice)

Gruman Ice Tool Works, Branchville, Conn.

2692—Clevises (Anchor & Chain)

Marine Hardware—Equipment Co. ("Acme," "Mheco"), So Portland, Me.
Thatcher Geo. H. & Co., Albany, N. Y.
Wilcox, Crittenden & Co., Middletown, Conn.

2693—*Clevises (Bridge & Structural)

MERRILL BROS., 3 Arnold, Maspeth, Borough of Queens, N. Y.
See adv index at end of book

2694— Clevises (Evener)

American Logging Tool Co., Evart, Mich.
Badger Malleable & Mfg. Co., S Milwaukee, Wis.
Rock Island Mfg. Co., Rock Island, Ill.
Stowell Co., The, S Milwaukee, Wis.

2695— Clevises (Plow, Etc.)

Badger Malleable & Mfg. Co., So Milwaukee, Wis.
Belle City Malleable Iron Co., Racine, Wis.
Danville Malleable Iron Co., Danville, Ill.
Dexter Co. ("Dexter" Automatic), Fairfield, Ia.
Eberhard Mfg. Co., Cleveland, O.
Eccles Richard Co., Auburn, N. Y.
Empire Plow Co., Cleveland, O.
Federal Malleable Co. ("Federal"), West Allis, Wis.
Frazer & Jones Co. (Mall.), Syracuse, N. Y.
Harvey Spring & Forging Co., Racine, Wis.
Haven Malleable Castings Co., Cincinnati, Ohio
Herschel R. Mfg. Co., Peoria, Ill.
Mason F. C. & Co. ("Mason"), St. Johns, Mich.
National Malleable Castings Co., 7706 Platt, S E, Cleveland, O.
Pratt Wm. E. Mfg. Co. ("Pratt"), 35 W Lake, Chicago, Ill.
Rock Island Mfg. Co., Rock Island
Stowell Co., The, S Milwaukee, Wis.
Tower & Sullivan Mfg. Co., Rome, Ga.
Union Malleable Iron Co., East Moline, Ill.

2696—Clevises (Pump Lifting)

Love M. A. Mfg. Co., Rockford, Ill.
Trahern Pump Co., Rockford, Ill.
Ward Pump Co., Rockford, Ill.

2697— Climbers (Linemen's)

Bates Extended Steel Truss Co., 208 S La Salle, Chicago, Ill.
Blakeslee Forging Co. ("Donnelly"), Plantsville, Conn.
Buckingham W. H., Binghamton, N. Y.
Cincinnati Tool Co. ("Hargraves"), Norwood, Cincinnati, O.
See adv index at end of book
Columbus Handle & Tool Co., Columbus, Ind.
Cronk & Carrier Mfg. Co. ("Sure Grip"), 150 Lake, Elmira, N. Y.
See adv index at end of book
Dicke Tool Co., Downers Grove, Ill.
Irvington Mfg. Co., Irvington, N. J.
Kilborn & Bishop Co. ("Komfort," "K. & B"), New Haven, Conn.
Klein, Mathias & Sons, 562 W Van Buren, Chicago, Ill.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Ransome-Leach Co. ("Roberts"), 115 B'way, New York
Reidy Jno. J. ("Superior" Drop Forge), New Haven, Conn.
Smith H. D. & Co. ("S" Drop Forged), Plantsville, Conn.
SMITH & HEMENWAY CO., INC. ("Never Turn," "Swedish" & "Red Devil"), 261 B'way, New York, & 130 Coit, Irvington, N. J.
See adv index at end of book
Stephens, Wilmot ("Stephens," Bronze with Aluminum), Binghamton, N. Y.

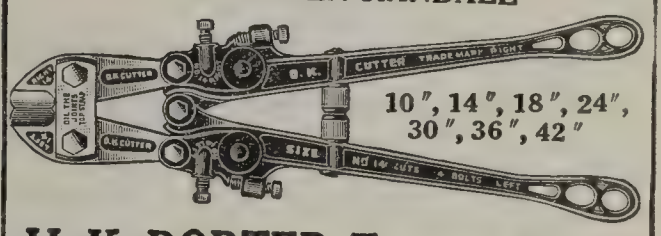
2698— Clinometers

Taylor Instrument Companies ("Tycos"), Rochester, N. Y.
See adv index at end of book

2699—Clippers (Bolt or Rivet)

American Metal Products Co., 72 W Adams, Chicago, Ill.
Carolus Mfg. Co. ("Carolus"), Sterling, Ill.
Chain Belt Co. ("Levalley"), Milwaukee, Wis.
Chambers Bros. Co., 52nd, below Lancaster av, Phila., Pa.
Champion Tool Co. ("Champion"), Meadville, Pa.
Haberle J. B. ("Becker" Open Die Head), South Bend, Ind.
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
Irving Mfg. & Tool Co. (Bolt Cutter), 157 Chambers, New York
Moore Drop Forging Co., Springfield, Mass.
Peck, Stow & Wilcox Co., Southington, Conn.
Porter H. K. ("Easy," "New Easy," "Allen Randall," "O K"), 6 Ashland, Everett, Mass. *See adv index at end of book*

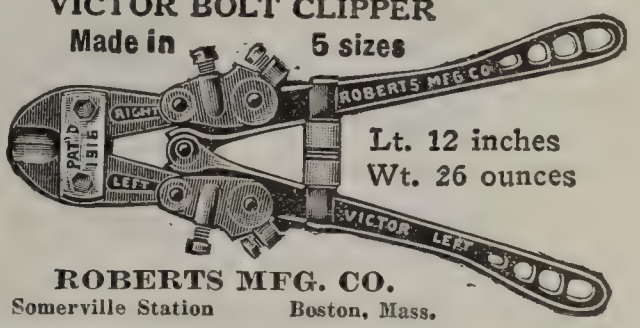
Bolt Clippers
EASY—NEW EASY—
O. K. ALLEN RANDALL



H. K. PORTER, Everett, Mass.

Rivet Cutting Gem Co., 220 E. 2nd, Cincinnati, O.
Roberts Mfg. Co. ("Roberts" & "Victor"), Somerville, Mass.
See adv index at end of book
Schollhorn Wm. Co. ("Elm City," "Bernard" End Cutting), New Haven, Conn.

VICTOR BOLT CLIPPER
Made in 5 sizes



Lt. 12 inches
Wt. 26 ounces

ROBERTS MFG. CO.
Somerville Station Boston, Mass.

Clippers (Cattle Dehorning)

See Dehorners, Cattle

2700—Clippers (Finger Nail)

Cook H. C. Co. ("Gem," "Ansonia"), 100-120 Jewett, Ansonia, Conn.
King Klip Co., 1328 B'way, New York
Klip-Klip Co. (Klip-Klip), Rochester, N. Y.
Meisselbach A. F. & Bro. ("Ideal"), 29 Congress, Newark, N. J.
Snow & Petrelli Mfg. Co. ("Snow"), New Haven, Conn.
Sperry & Alexander Co. (Toolever), 79 Chambers, New York

2701—Clippers (Hair, Barbers')

Booker Cutlery & H'dwe. Co., Inc., 101 Duane, New York
Brown & Sharpe Mfg. Co., Providence, R. I.
Coates Clipper Mfg. Co. ("Coates," "Liberty," "Capitol," "Success," "Triumph"), Worcester, Mass.
Universal Shear & Novelty Co., 38 Littleton av, Newark, N. J.

2702— Clippers (Horse)

See also Horse Clipping Machines
Amercian Shearer Mfg. Co. ("Priest's"), Nashua, N. H.
Bartley Bros. & Hall ("Clarks" Imported), 50 Warren, New York
Reliable Electric Co. ("Reliable," Electric), 411 S Sangamon, Chicago, Ill.

2703— Clippers (Orange)

Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Clauss Shear Co. ("Claus"), Fremont, O.
Henry John T. Mfg. Co., Hamden, Conn.
National Cutlery Co., Westmoreland & Boudinot, Phila., Pa.
Wiss J. & Sons Co., 31 Littleton av, Newark, N. J.

Clippers (Stay Bolt)

See Pneumatic Stay Bolt Clippers

2704— Clips (Axle)

Akron-Selle Co., Akron, O.
BONNEY VISE & TOOL WORKS (Automobile & Carriage Spring), Allentown, Pa. *See adv index at end of book*
Clapp E. D. Mfg. Co., 300 Genesee, Auburn, N. Y.
Cleveland Hardware Co., Cleveland, O.
Columbus Bolt Works Co., Columbus, O.
Cowles C. & Co., New Haven, Conn.
Easton Car & Construction Co., 15 Center Square, Easton, Pa.
See adv index at end of book
Eccles Richard Co. (Drop Forged), Auburn, N. Y.
Harvey Spring & Forging Co., Racine, Wis.
Keystone Forging Co. ("Windsor" Drop Forged), Northumberland, Pa.
Moore Franklin Co., Winsted, Conn.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Queen City Brass & Iron Works, Cincinnati, O.
Seward M. & Son Co., New Haven, Conn.
Smith H. D. & Co., Plantsville, Conn.
Strieby & Foote Co., 301 Ogden, Newark, N. J.
Union Forging Co., Union, N. Y.
Upson Nut Co., Cleveland, O.
Western Tool & Forge Co., Brackenridge, Pa.
Wilcox D. Mfg. Co., Mechanicsburg, Pa.
Williams J. H. & Co. (Drop Forgings), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

2705—Clips (Breeching & Cockeye)

American Mfg. Co., Chattanooga, Tenn.
Columbus McKinnon Chain Co., Columbus, Ohio *See adv index at end of book*
Frazer & Jones Co., Syracuse, N. Y.
North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.
Schartow Mfg. Co., Milwaukee, Wis.

Clips (Cable Hanging)

See Hangers, Cable

2706— Clips (Canthook)

American Logging Tool Co., Evart, Mich.
Stowell Co., The, S Milkaukee.

2707— Clips (Damper)

Adams Co., Dubuque, Ia.
Berger Bros. Co. ("B. B."), 229 Arch, Phila., Pa.
Brohard Co. (Malleable Iron), 3rd & Lehigh, Phila., Pa.
Kramer Bros. Foundry Co., Dayton, O.
Loetscher-Ryan Mfg. Co. ("Star"), Dubuque, Ia.
Meister & Cochran ("Sterling" No-Rivet), Sterling, Ill.
Parker Supply Co. ("Sure Lock-Clip"), 785 E 135th, New York
Sterling Foundry Co. ("Sterling," No-Rivet), Sterling, Ill.
Stover Mfg. Co. ("Ideal"), Freeport, Ill.
Taylor & Boggis Foundry Co., Cleveland, O.
U. S. Register Co., Ltd., Battle Creek, Mich.
Wagner C. De Witt, Cedar Rapids, Ia.
Wrightsville Hardware Co., Wrightsville, Pa.

2708— Clips (Floor)

Chicago Builders' Specialties Co. ("O K" Wire), 11 S La Salle, Chicago, Ill.
Mulvey Chas. Mfg. Co. (Steel Floor), 1840 Carroll av, Chicago, Ill.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book
Variety Mfg. Co. (Steel), 2958 Carroll av, Chicago, Ill.

2709— Clips (Fountain Pen)

Ansonia Novelty Co. ("Best"), Ansonia, Conn.
Consolidated Safety Pin Co. ("Klymax"), Bloomfield, N. J.
Van Valkenburg L. D. ("Faultless" V. V. Clips), Holyoke, Mass.

2710— Clips (Fuse)

Condit Electrical Mfg. Co. ("Shawmut"), 1st & L, Boston, Mass.
Connecticut Electric Mfg. Co., Bridgeport, Conn.
D. & W. Fuel Co., Hathaway, Providence, R. I.
Sherman H. B. Mfg. Co., Battle Creek, Mich.

2711— Clips (Hame)

Columbus McKinnon Chain Co., Columbus, Ohio *See adv index at end of book*
East Bangor Mfg. Co., Bangor, Pa.
Frazer & Jones Co., Syracuse, N. Y.
Imperial Bit & Snap Co. ("Imperial," "Eureka"), Racine, Wis.
North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Schartow Mfg. Co., Milwaukee, Wis.
Standard Rivet Co., 41 Lincoln, Boston, Mass.

2712— Clips (Paper)

Buffalo Automatic Mfg. Co. ("Climax"), 165 Pearl, Buffalo, N. Y.
Buffalo Machine Mfg. Co., Buffalo, N. Y.
Clinch Clip Co., 196 Seneca, Buffalo, N. Y.
Clipless Paper Fastener Co., Newton, Ia.
Consolidated Safety Pin Co. ("Eureka"), Bloomfield, N. J.
Cook H. C. Co. ("Vise Clip" & "Cling" Clips), 100-120 Jewett, Ansonia, Conn.
Cushman & Denison Mfg. Co. ("Gem," "Ideal"), 240 W 23rd, New York
Easy Fastener Co., Atlanta, Ga.
Eisler Anthony & Co. ("Presto"), 227 Canal, New York
Freshour Henry C. ("Perfect"), Bridgeport, Conn.
Globe-Wernicke Co., 25 Carthage av, Cincinnati, O.
Graff Geo. B. Co. ("Graffco Vise," "Graffco Cling"), 294 Washington, Boston, Mass.
Grammes L. F. & Sons ("Common Sense," "Jiffy," "Grammes," "Big Jiffy"), Allentown, Pa. *See adv index at end of book*
Grey Iron Casting Co., Mt. Joy, Pa.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Peck, Stow & Wilcox Co., Southington, Conn.
Sargent & Co., New Haven, Conn.
Sureloc Paper Clip Co., Providence, R. I.
Weis Mfg. Co. ("Weis"), Monroe, Mich.
Yessler Max, Inc. ("Cliplox"), Milwaukee, Wis.

2713— Clips (Pen & Pencil)

Ansonia Novelty Co., Ansonia, Conn.
Argus Mfg. Co. ("Up-to-Date"), 402 N. Pauline, Chicago, Ill.
Sterling Metal Novelty Mfg. Co., 174 Worth, N. Y.
Traut & Hine Mfg. Co., New Britain, Conn.
Van Valkenburg L. D. ("Faultless," "Van Valkenburg's"), Holyoke, Mass.

2714— Clips (Saddle, Etc.)

Eccles Richard Co., Auburn, N. Y.

2715—Clips (Singletree & Doubletree)

Eccles Richard Co., Auburn, N. Y.
Harvey Spring & Forging Co., Racine, Wis.

Clips (Sleeper)

See Clips, Floor

2716—Clips (Structural Steel)

Auer John, Jr. (Beam Clips), 197 Middleton, Brooklyn, N. Y.
Racky Albert C., 531 S 5th av, Chicago, Ill.
Streeter Clip & Specialty Co., 4101 Ravenswood av, Chicago, Ill.

2717— Clips (Testing)

Condit Electrical Mfg. Co. ("Condit"), 1st & L, Boston, Mass.
MORSE FRANK W. ("Morse Eureka"), 289 Congress, Boston, Mass.
See adv index at end of book
Mueller R. S. (Insulated Universal), Cleveland, O.

2718— Clips (Wire Rope)

American Hoist & Derrick Co. ("Crosby"), St. Paul, Minn.
AMERICAN STEEL & WIRE CO. ("Crosby"), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Broderick & Bascom Rope Co. (Jobbers), Main & Douglas, St. Louis, Mo.
Channon Jas. H. Mfg. Co. ("Union"), 227 W Erie, Chicago, Ill.
Chicago Wire Rope Preserver Co. ("Chicago"), 315 S La Salle, Chicago, Ill.
Cincinnati Railway Supply Co., 13 E 2d, Cincinnati, O.
Dobbie Foundry & Machine Co., Main Office & Works: Niagara Falls, N. Y.
Fischer & Hayes Rope Co., 602 W. Lake, Chicago, Ill. *See adv index at end of book*
Hallett Iron Works, Harvey, Ill.
Hazard Mfg. Co., Wilkes-Barre, Pa.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Laughlin Thos. Co. ("Dirigo"), Portland, Me.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
Macomber & Whyte Rope Co., Racine av, Kenosha, Wis.
Mockbee C. M. ("Cincinnati"), 816 E Pearl, Cincinnati, O.
MOON GEO. C. CO., ("Crescent"), Garwood, N. J. *See adv index at end of book*
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Neptune Hardware Mfg. Co., 54 South, New York
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Seward & Co., Bloomington, Ind.
Terry & Tench Co., 70 E 45th, New York
Upson-Walton Co. of N. Y., The, 291 Broadway, New York
See adv index at end of book
Wilcox, Crittenden & Co. ("Nipper," "Crosby"), Middletown, Conn.
Williamsport Wire Rope Co., Williamsport, Pa.
WRIGHT WIRE CO. ("Crosby"), Worcester, Mass.
See adv index at end of book

2719— Clock Mfrs.

See also Clocks, Various Kinds
Aluminum Container Corp. ("Aluminum"), Fulton, N. Y.
Ansonia Clock Co., 99 John, New York
Benedict Mfg. Co., East Syracuse, N. Y.
Chelsea Clock Co. (8 Day), 16 State, Boston, Mass.
Costmeter Co., 295 Franklin, Boston, Mass.
Durfee Walter H. & Co. (Tubular Chime), 151 Pond, Providence, R. I.
Gilbert W. L. Clock Co. (And Regulators), Winsted, Conn.
Hanson Mfg. Co. (School), Princeton, Ind.
HOWARD E. CLOCK CO., Bromfield & Washington, Boston, Mass.
See adv index at end of book

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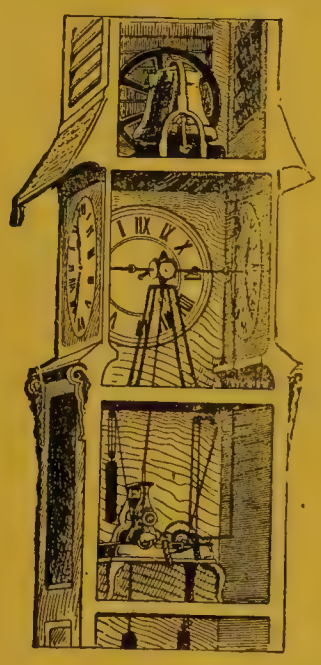

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Hendricks' Commercial Register

FOXBORO COMPANY, THE, succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.
See adv index at end of book
Ingraham E. Co., Bristol, Conn.
Ithaca Calendar Clock Co. (Calendar, etc), Ithaca, N. Y.
Landis Engng. & Mfg. Co., Waynesboro, Pa.
Magneta Co., 37 E. 28th, New York
National Clock & Mfg. Co., 20 W Lake, Chicago, Ill.
New Haven Clock Co., New Haven, Conn.
Parker Clock Co., Meriden, Conn.
Phelps H. D., Ansonia, Conn.
Pioneer Corp., 1249 W 63d, Chicago, Ill.
Self-Winding Clock Co., 163 Grand av., Brooklyn, N. Y.
Sessions Clock Co. (Mantel, Hanging, Regulators, etc), Forrestville, Conn.
Standard Electric Time Co. ("Standard," Electric), Springfield, Mass.
Thomas Seth Clock Co., 19 W 44th, New York. Works: Thomaston, Conn.
Waltham Watch Co., Waltham Clock dept., Waltham, Mass.
Waterbury Clock Co., Waterbury, Conn.
Western Clock Co. (Alarm, etc; also Boy Proof Watches), La Salle, Ill.

2720— Clock Trimmings

Clark A. N. & Son, Plainville, Conn.
Gilbert W. L. Clock Co., Winsted, Conn.
Waterbury Clock Co., Waterbury, Conn.

Clock Works

See Movements, Clock, etc

2721— Clocks (Alarm)

Borgfeldt Geo. & Co. (Imported), 16th & Irving pl, New York
Darche Mfg. Co. ("Darche" Electric Searchlight, Night Light, Call & Alarms), 643 Washington blvd, Chicago, Ill.
Gilbert W. L. Clock Co. ("Surprise," "Empire," "Best," "G. Whiz," "The Gilbert"), Winsted, Conn.
Ingraham E. Co. ("Indian" with the Bell inside), Bristol, Conn.
New Haven Clock Co. ("Tattoo"), New Haven, Conn.
Parker Clock Co. ("Mammoth"), Meriden, Conn.
Sessions Clock Co., Forestville, Conn.
Strauss Bros. & Co. (Imp.), 355 B'way, New York
Sussfeld, Lorsch & Co. (Imp.), 90 Maiden la., New York
Thomas Seth Clock Co., 19 W 44th, New York
Thomas Seth Clock Co., Thomaston, Conn.
Western Clock Co. ("America," "Big Ben," "Iron Clad," "Lookout," "Bingo"). La Salle, Ill.
Yankee Wizard Clock Co., 18 B'way, New York

2722—*Clocks (Angelus Strikers, Quarter & Half Hour Strikers)

HOWARD E. CLOCK CO., Bromfield & Washington, Boston, Mass.
See adv index at end of book

Clocks (Automobile)

See Clocks & Watches Dashboard

2722a— Clocks (Chime)

American Chime Clock Co., 1665 Ruffner, Phila., Pa.
American Cuckoo Clock Co., 1665 Ruffner, Wayne Junction, Phila., Pa.
Ansonia Clock Co., 99 John, New York
HOWARD E. CLOCK CO., Bromfield & Washington, Boston, Mass.
See adv index at end of book
Kuehl Clock Co., 125 N Wabash av, Chicago, Ill.
Landis Engng. & Mfg. Co., Waynesboro, Pa.
Thomas Seth Clock Co., 19 W 44th, New York. Works: Thomaston, Conn.

2723—Clocks (Cost Keeping Systems)

Automatic Time Stamp Co. ("Duragraph" Elapsed Time Recorder), 159 Congress, Boston, Mass.
Costmeter Co., 295 Franklin, Boston, Mass.

2724— Clocks (Cuckoo)

American Cuckoo Clock Co., 1665 Ruffner, Wayne Junction, Phila., Pa.
Costmeter Co., 295 Franklin, Boston, Mass.
Sussfeld, Lorsch & Co. (Imp.), 90 Maiden la, New York

2725— Clocks (Differential)

Differential Clock Co. (Will Run One Year With One Winding), 209 S State, Chicago, Ill.

2726— Clocks (Electric)

American Self Winding Clock Co., 133 W. Washington, Chicago, Ill.
American Watchman's Time Detector Co., 3403 Perkins av, Cleveland, O.
Blodgett Clock Co., 261 Franklin, Boston, Mass.
Bogart A. L. Co., 55 Barclay, New York
Darche Mfg. Co., 643 Washington blvd, Chicago, Ill.
Electric Time & Mfg. Co. ("Moore"), West Lafayette, Ind.
Hoggson S. H. & Co., 27 Thames, New York
HOWARD E. CLOCK CO. (Secondary), Bromfield & Washington, Boston, Mass. *See adv index at end of book*
Imhauser E. Co. (Watchman's), 212 B'way, New York
Landis Engng. & Mfg. Co., Waynesboro, Pa.
Magneta Co., 37 E. 28th, New York
PETTES & RANDALL CO., 150 Nassau, New York
Self-Winding Clock Co. (Master & Secondary), 163 Grand av, Brooklyn, N. Y.
Standard Electric Time Co. ("Standard" Time System), Springfield, Mass.
Thomas Seth Clock Co., Thomaston, Conn.
Waverly Novelty Co., Bessemer bldg, Pittsburgh, Pa.

2727— Clocks (Electric Alarm)

Darche Mfg. Co., 643 Washington blvd, Chicago, Ill.
Jansen F. W. Clock Co. ("Nite-Lite"), 217 W. Randolph, Chicago, Ill.
See adv index at end of book
Landis Engng. & Mfg. Co., Waynesboro, Pa.
Manhattan Electrical Supply Co., 17 Park pl, New York *See adv index at end of book*
Partrick & Wilkins Co., 51 N 7th, Phila., Pa.
United Electric Apparatus Co., 1529 Columbus av, Boston, Mass.

2728— Clocks (English Hall)

American Cuckoo Clock Co., 1665 Ruffner, Wayne Junc., Phila., Pa.
Colonial Mfg. Co., Zeeland, Mich.
Durfee Walter H. & Co. (Tubular Chime), 151 Pond, Providence, R. I.
Gilbert W. L. Clock Co., Winsted, Conn.
Grand Rapids Clock & Mantel Co. (Also Clock Cases, etc.), Grand Rapids, Mich.
Harris & Harrington ("J. J. Elliott" Imported English), 29 Park pl, New York
HOWARD E. CLOCK CO., Bromfield & Washington, Boston, Mass.
See adv index at end of book
Ithaca Calendar Clock Co., Ithaca, N. Y.
Landis Engng. & Mfg. Co., Waynesboro, Pa.
Sessions Clock Co., Forestville, Conn.
Sussfeld, Lorsch & Co. (Imp.), 90 Maiden la, New York
Thomas Seth Clock Co., Thomaston, Conn.
Waltham Watch Co., Waltham Clock dept. (Striking or Chiming on Gongs, Bells or Tubes), Waltham, Mass.

2729—Clocks (Hank or Pick)

Mossberg Frank Co., Attleboro, Mass.

2730—Clocks (Lace Measuring)

Firsching Jno. A., Utica, N. Y.

2731— Clocks (Locomotive)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
Ashcroft Mfg. Co., 119 W 40th, New York
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
HOWARD E. CLOCK CO., Bromfield & Washington, Boston, Mass.
See adv index at end of book
Marsh Jas. P. & Co., 118 S Clinton, Chicago, Ill.
SCHAEFFER & BUDENBERG MFG. CO., Berry & So 5th, Brooklyn, N. Y.
See adv index at end of book
Thomas Seth Clock Co., 19 W 44th, New York. Works: Thomston, Cinn.

2732— Clocks (Marine)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
Ansonia Mfg. Co., 71 8th av, New York
Ashcroft Mfg. Co., 119 W 40th, New York
Betts & Betts Corp. ("Elektrik Klok"), 2513 W 42d, New York
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
Gilbert William L. Clock Co., Winsted, Conn.
HOWARD E. CLOCK CO., Bromfield & Washington, Boston, Mass.
See adv index at end of book
McNAB CO. ("McNab" Ships, Bell & Non-Striking), Bridgeport, Conn.
See adv index at end of book
Marsh Jas. P. & Co., 118 S Clinton, Chicago, Ill.
National Gauge Co. ("National"), 300 Pacific Brooklyn, N. Y.
New Haven Clock Co., New Haven, Conn.
Phelps H. D., Ansonia, Conn.
SCHAEFFER & BUDENBERG MFG. CO., Berry & So 5th, Brooklyn, N. Y.
See adv index at end of book
Sessions Clock Co., Forestville, Conn.
Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.
Thomas Seth Clock Co., 19 W 44th, New York. Works: Thomaston, Conn.
U. S. Gauge Co., 67 Wall, New York
Waterbury Clock Co., Waterbury, Conn.

2733— Clocks (Pneumatic)

Hahl Automatic Clock Co. ("Masterclock" Automobile), 2644 N Maplewood av, Chicago, Ill.

Clocks (Program)

See Clocks, Self-Winding & Program, Electric

2734—Clocks (Secondary Electric)

HOWARD E. CLOCK CO., Bromfield & Washington, Boston, Mass.
See adv index at end of book
Sohm Electric Co. ("Sohm System"), 141 W Austin av, Chicago, Ill.
Standard Electric Time Co. ("Standard"), Springfield, Mass.

2735—Clocks (Self-Winding & Program Electric)

American Self Winding Clock Co., 133 W Washington, Chicago, Ill.
Baird Equipment Co., 319 W Ohio, Chicago, Ill.
Blodgett Clock Co., 261 Franklin, Boston, Mass.
Columbia School Supply Co., Indianapolis, Ind.
Gilette Elec. Street Clock Co., 728 Buckingham, E Chicago, Ill.
Hartford Clock Co., Hartford, Conn.
HOWARD E. CLOCK CO., Bromfield & Washington, Boston, Mass.
See adv index at end of book
Imperial Elec. Clock Co., St. Louis, Mo.
International Time Recording Co., Endicott, N. Y.
Landis Engng. & Mfg. Co. ("Frick"), Waynesboro, Pa.
Lockwood & Almquist, 112 E 19th, New York
Magneta Co., 37 E 28th, New York
Self-Winding Clock Co., 163 Grand av, Brooklyn, N. Y.
Standard Electric Time Co. ("Standard"), Springfield, Mass.
Stromberg Electric Co., 606 S Michigan av, Chicago, Ill.
Thomas Seth Clock Co., Thomaston, Conn.
Tiffany Elec. Mfg. Co., Ellicott sq, Buffalo, N. Y.
Walker Bros. & Haviland, 1532 Sansom, Phila., Pa.

2736—Clocks (Synchronized Systems)

Bunnell J H & Co., 32 Park pl, New York
HOWARD E. CLOCK CO., Bromfield & Washington, Boston, Mass.
See adv index at end of book
Landis Engng. & Mfg. Co., Waynesboro, Pa.
Magneta Co., 37 E 28th, New York
PETTES & RANDALL CO., 150 Nassau, New York
Self-Winding Clock Co., 163 Grand av, Brooklyn, N. Y.
Standard Electric Time Co. ("Standard"), Springfield, Mass.
Yaxley Mfg. Co. ("Monarch"), 1101 W Monroe, Chicago, Ill.

2737—Clocks (Time-Recording System)

See also Time Recorders

Automatic Time Stamp Co., 159 Congress, Boston, Mass.
Cincinnati Time Recorder Co., 1733 Central av, Cincinnati, O.
Costmeter Co., 295 Franklin, Boston, Mass.
Dicks David & Broadfoot, Inc., 304 B'way, New York
HOWARD E. CLOCK CO., Bromfield & Washington, Boston, Mass.
See adv index at end of book
International Time Recording Co. of New York ("Rochester," "Dey"), Endicott, N. Y.
Simplex Time Recorder Co. ("Simplex"), Gardner, Mass.
Stromberg Electric Co., 606 S Michigan av, Chicago, Ill.
Yaxley Mfg. Co. ("Monarch"), 1101 W Monroe, Chicago, Ill.

2738— Clocks (Tower)

HOWARD E. CLOCK CO. (Angelus Strikers & Quarter & Half-Hour Strikers), Bromfield & Wash'n, Boston, Mass.
See adv index at end of book
Self-Winding Clock Co., 163 Grand av, Brooklyn, N. Y.
Standard Electric Time Co. ("Standard," Electric), Springfield, Mass.
Thomas Seth Clock Co., 19 W 44th, New York. Works: Thomaston, Conn.

2739— Clocks (Watchman's)

See also Time Recorders

American Watchman's Time Detector Co. ("Cleveland," Magneto American Watchman's Time Detector), 3403 Perkins av, Cleveland, O.
Bunnell J. H. & Co., 32 Park pl, New York
Chicago Watchman's Clock Wks., 56 E Randolph, Chicago, Ill.
Daugherty A. E., Penn bldg, Pittsburgh, Pa.
Eco Magneto Clock Co. (Electric & Portable), 197 Congress, Boston, Mass.
Edwards & Co., Exterior & 140th, New York
Hardinge Bros. (Portable only), 4203 Ravenswood av, Chicago, Ill.
Hausburg E. O. (Stationary, Portable & Electric. Send for Descriptive Catalogue), 45 Maiden la, New York
Holtzer-Cabot Electric Co., 125 Amory, Boston, Mass.
Hoppe Paul F. Co., 123 Liberty, New York
HOWARD E. CLOCK CO. (Electric), Bromfield & Wash'n, Boston, Mass.
See adv index at end of book
Imhauser E. Co. (Portable & Electric) 212 B'way, New York
Landis Engng. & Mfg. Co., Waynesboro Pa.
Nanz Clock Co. ("Hahn," "Nanz Imperial"), 178 Fulton, New York
Newman Clock Co. (Stationary, Portable & Electric), 565 Wash. blvd, Chicago, Ill
PETTES & RANDALL CO., 150 Nassau, New York
Riggs & Bro. (Electric & Portable), 310 Market, Phila., Pa.
Sanford Chas. E. (Night Watchman's Register), 18 B'way, New York

2740—*Clocks (Watchman's Portable)

HARDINGE BROS. (Mfrs.), 4203 Ravenswood av, Chicago, Ill.
Rowe A. C., 33 Reade, New York
Signal Systems, Ltd., Crown bldg, Toronto, Canada
Thomas F. A. Co., Wells Fargo bldg, San Francisco, Cal.

2741—Clocks & Watches (Dashboard)

Chelsea Clock Co., 16 State, Boston, Mass.
Clark A. N. & Son ("Hex"), Plainville, Conn.
Hartford Clock Co., Hartford, Conn.
Keyless Auto Clock Co., 246 W 59th, New York
Post & Lester Co. ("Regal"), Hartford, Conn.
Sessions Clock Co., Forestville, Conn.
Thomas Seth Clock Co., Thomaston, Conn.
Thompson Elec. Clock Co., Memphis, Tenn.
Waterbury Clock Co., Waterbury, Conn.
Waverly Novelty Co., Bessemer bldg, Pittsburgh, Pa.

2742— Clogs

Buffalo Last Works, 4 Lock, Buffalo, N. Y.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Closet Seat Bumpers

See Rubber Bumpers

2743— Closets (Chemical)

Automatic Chemical Closet Co. ("Auto-Kemclo," Vitreous China), 1417 Wash. av N, Minneapolis, Minn.
Comfort Chemical Closet Co., 342 Factories bldg, Toledo, O.
Dail Steel Products Co., Lansing, Mich.
Kawnear Cabinet Co., 1716 Wabash av, Kansas City, Mo.
Sanitary Chemical Closet Co., Hillsdale, Mich.
Shafer Mfg. Co., 445 Colton bldg, Toledo, Ohio
Smith System Heating Co., 821 Washington av, S E, Minneapolis, Minn.
Rowe Sanitary Mfg. Co., 210 6th av, Detroit, Mich.
United Engine Co., Lansing, Mich.

2744— Closets (Dry Earth)

American Warming & Ventilating Co. ("American Cremating"), Elmira, N. Y.
Fuller & Warren Co., Troy, N. Y.
Heap Wm. & Sons ("Heap's"), Grand Haven, Mich.
Kaustine Co., Buffalo, N. Y.
MaGirl P. H. ("Mammoth"), Bloomington, Ill.
Standard Mfg. Co., 439 Water, Pittsburgh, Pa.
Stephenson C. H. ("Stephenson" Portable Underground), Lynn, Mass.
Universal Sanitary Mfg. Co., New Castle, Pa.
Wolff L. Mfg. Co., 111 N Dearborn, Chicago, Ill.

Cloth (Asbestos)

See Asbestos Material

2744a— Cloth (Balloon)

Goodyear Tire & Rubber Co., Akron, O.

2745— Cloth (Billiard Table)

Saxton Woolen Co. (Woolen), Norwich, Conn.

2746— Cloth (Bolting)

See also Wire Cloth

ABBE ENGINEERING CO. (Swiss Silk), 220 B'way, New York
See adv index at end of book
Abbe Paul O. (Imp), 30 Broad, New York
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
BEACH-RUSS CO. (Silk Swiss), 220 B'way, New York. *See adv index at end of book*
Buffalo Weaving & Belting Co. (Webs), Buffalo, N. Y.
Buffalo Wire Works Co. (Wire), 453 Terrace, Buffalo, N. Y.
Cornelius Mill Furnishing Co. ("Bodmer" & "Schindler" Silk, Imported), 119 N 6th, St. Louis, Mo.
Estey Wire Works Co. (Wire), 34 Cliff, New York *See adv index at end of book*
Gump B. F. Co. (Silk), 431 S Clinton, Chicago, Ill.
Hammond-Homberger Co. ("Excelsior Anchor"), Silver Creek, N. Y.
Holmes & Blanchard Co. ("Imperial" Silk), 31 State, Boston, Mass.
Howard & Morse (Wire), 46 Fulton, New York
Howe R. J. ("Wydler"), 320 B'way, New York
Latimer R. L. & Co. ("Anchor Brand"), 24 N Front, Phila., Pa.
MICHIGAN WIRE CLOTH CO., 500 Howard, Detroit, Mich.
See adv index at end of book
Multi-Metal Co. ("Multi-Metal"), 251 W 19th, New York
Newark Wire Cloth Co., 222-230 Verona av, Newark, N. J.
See adv index at end of book
Nordyke & Marmon Co. (Silk & Wire), 1290 Kentucky av, Indianapolis, Ind.
Sprout, Waldron & Co. (Silk & Wire), Muncy, Pa.
TOBLER & CO. ("Dufour" Silk, Imported), 35 S William, New York
TYLER W. S. CO. (Wire), Cleveland, O.
See adv index at end of book

2747— Cloth (Book)

Bancroft Jos & Sons Co., Rockford, Wilmington, Del.
Holliston Book Cloths, 2 W 13th, New York
Interlaken Mills, Turks Head bldg, Providence, R. I.
Irving Mfg. Co. (Buckram), 23 Jersey, New Brighton, S. I., N. Y.
Richter Mfg. Co. (Buckram), Tenafly, N. J.
Thompson Jas. & Co. (Buckram), 112 Prince, New York

2748— Cloth (Brattice)

Childs H. L. & Co. (Importers), 249 Water, Pittsburgh, Pa.
Colonial Supply Co. (Jobbers), 441 1st av, Pittsburgh, Pa.
Fulton Bag & Cotton Mills ("F-F-F-F" Non-Inflammable Jute), Atlanta, Ga.
Goodin Reid & Co. (Converters), 4th & Main, Cincinnati, O.
Irving Mfg. & Tool Co., 157 Chambers, New York
Johnston-Morehouse-Dickey Co. (Non-Inflammable Jute), 106 Market, Pittsburgh, Pa.
Kern Commercial Co. (Waterproof, Non-Inflammable), 114 Liberty, New York
Mikesell Bros. Co. (Non-Inflammable, Moisture-Proof Jute & Duck), 176-178 N La Salle, Chicago, Ill.
Turner Laurin H. & Co. (Non-Inflammable Duck), 160 W Jackson bl, Chicago, Ill.
Upson-Walton Co. of N. Y., The (Imp.), 291 B'way, New York
See adv index at end of book

Cloth (Camel's Hair)

See Cloths, Press

2749— Cloth (Casket)

Neponset Woolen Mills, Canton Junction Mass.

2750— Cloth (Cheese)

American Cotton Mills Co., 70 Franklin, New York
Griswoldville Mfg. Co., Griswoldville, Mass.

2751—Cloth (Clearer & Roller)

American Felt Co., 100 Summer, Boston, Mass.
Noone's Jos. Sons Co., Peterboro, N. H.

Cloth (Emery, Flint & Garnet)

See Paper, Flint, Sand & Emery

2751a— Cloth (Filter)

See also Cloths, Filter

Brighton Mills, Passaic, N. J.
Celite Products Co. (Filter Celapowder), 11 B'way, New York
Tyler W. S. Co., Cleveland, O.
See adv index at end of book

2752— Cloth (Gummed)

Nashua Gummed & Coated Paper Co., Nashua, N. H.
Peters Co., 33 35th, Brooklyn, N. Y.
Thomas Stationery Mfg. Co., Springfield, O.

2753— Cloth (Insulating)

See also Mica; also other Insulating Specialties
American Mica Co. ("Puritan"), Newton Lower Falls, Mass.
Chicago Mica Co. ("Champion"), Valparaiso, Ind.
Dunton M. W. Co. ("Gibralter"), 150 Niagara, Providence, R. I.
Irvington Varnish & Insulator Co., Irvington, N. J.
Meirowsky Bros. (Also Silk), Jersey City, N. J.
Mica Insulator Co. ("Empire," "Kablak"), 68 Church, New York
Mica Mfg. Co. ("Micasmiths"), 454 18th, Brooklyn, N. Y.
Pittsburgh Insulating Co. (Linen), 96 43d, Pittsburgh, Pa.
Schenectady Linonite Co., Schenectady, N. Y.
Standard Underground Cable Co., Pittsburgh, Pa.
Standard Woven Fabric Co, Walpole, Mass.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Cloth (Leather)

See Leather, Artificial

2753a—Cloth (Metal Filter)

Supple-Biddle Hardware Co., 510 Commerce, Phila., Pa.
See adv index at end of book

2754— Cloth (Rubber Coated)

Aronoff Joseph J. (Auto Top), Trenton, N. J.
Boston Woven Hose & Rubber Co., Cambridge, Mass.
Chase L. C. & Co. ("Dreadnout" Motor Topping), 89 Franklin, Boston, Mass.
See adv index at end of book
Chicago Rubber Clothing Co., Racine, Wis.
Clifton Mfg. Co., 65 Brookside av, Jamaica Plain, Boston, Mass.
Du Pont Fabrikoid Co. ("Fairfield"), Wilmington, Del.
Duratex Co. ("Duratop"), Newark, N. J.
Gordon J. P. Co. (For American-made Cars), Columbus, O.
Hodgman Rubber Co., 8 W 40th, New York
Mutty L. J. Co. (Numotor), 175 Congress, Boston, Mass.
Plymouth Rubber Co., Canton, Mass.
Rosenwald & Weil ("Imperial"), 1514 W Kinzie, Chicago, Ill.

2755— Cloth (Umbrella)

Ashland Cotton Co. (Cotton), Jewett City, Conn.
Clifton Textile Co. (Silk), Union Hill, N. J
Dundee Textile Co., Passaic, N. J.
Fashion Silk Mfg. Co., Paterson, N. J.
Haenichen Bros. Silk Co., Paterson, N. J.
Lock Haven Silk Co. (Lock Haven, Pa.
Muller Gloria Mills (Silk), Norwalk, Conn.
Newburgh Silk Co., Newburgh, N. Y.
Pennsylvania Silk Co., Bangor, Pa.
Roessel Louis & Co. (Silk), 440 4th av, New York
Slater Mfg. Co. (Cotton), Pawtucket, R. I.

2755a— *Clothes Brushes

See also Brushes—Hat, Clothes & Hair
SCHIMPER, WM. & CO., 322-338 Ferry, Hoboken, & 33 Union sq, W, New York

2756—Clothes Dryers (Hot Air, Steam, Etc.)

Adams Laundry Machinery Co., Troy, N. Y.
Am. Clothes Dryer Co., 224 W 26th, New York
American Wringer Co., 99 Chambers, New York.
Chicago Dryer Co., 630 S Wabash av, Chicago, Ill.
Domestic Laundry Equipment Corp. ("Chicago," "American"), 365 Lexington av, New York
Hawkins Rollyn, Indianapolis, Ind.
Hill-Canton Dryer Co., Canton, O.
Hill Clothes Dryer Co. ("Hill-Canton" Cabinet), Worcester, Mass.
Mannen John E. Co. ("Manest"), 2247 St. Clair, Cleveland, O.
Miller Wm. Range & Furnace Co., 7th & B'way, Cincinnati, O.
Tolhurst Machine Works, Troy, N. Y.
Troy Laundry Machinery Co., Ltd., 23d & La Salle, Chicago, Ill.
Williamson Heater Co. ("Favorite"), 339 W 5th, Cincinnati, O.

2757—Clothes Dryers (Lawn, Balcony, Etc.)

See also Bars, Clothes
Chicago Dryer Co. ("Chicago Laundry," "Chicago Francis," "Chicago Rapido," "Sun" Clothes Drying Cabinets with Trucks), 630 S Wabash av Chicago, Ill.
Cooper & McKee, 110 Lorimer, Brooklyn, N. Y.
Corbett & Co., 429 E 109th, New York.
Domestic Laundry Equipment Corp., 1365 Lexington av, New York
Eclipse Co. ("Eureka" Roller Bearing, "Eclipse" Folding Wall), North Girard, Pa.
Fleck M., 119 E 131st, New York
Hill Clothes Dryer Co. ("Hill"), Worcester, Mass.
Kalamazoo Specialty Co., Kalamazoo, Mich.
Moulton C. W. H. Co. (Folding, etc), Somerville, Mass.
Munnsville Plow Co. ("Munnsville Best"), Munnsville, N. Y.
Olmsted A. E. ("American"), Orwell, N. Y.
Portland Extension Ladder & Pole Co. (Lawn), 130 Orange, Newark, N. J.
Robinson R. W. Co. ("Victor"), Worcester, Mass.
Seed Filter & Mfg. Co. ("Out-of-Sight," "Royal" Elevating), 73 Franklin, New York
Standard Clothes Dryer Co. (Revolving), Worcester, Mass.
Steinfeld Bros. (Bars, Arm & Wall), 116 W 22d, New York
Success Mfg. Co. (Yard or Lawn, "Success"), Gloucester, Mass.

Clothes Drying Frames

See Clothes Dryers, Lawn, Balcony, etc

2758— Clothes Lines

See also Rope, Cotton, etc
American Mfg. Co. (Jute), Noble & West, Brooklyn, N. Y.
Atlantic Tubing Co., 1756 Cranston, Providence, R. I.
Beebe Cordage Co., Rockaway, N. J.
Cleveland Mill & Power Co. (Cotton), Lawndale, N. C.
COLUMBIAN ROPE CO., 3050 Genesee, Auburn, N. Y.
See adv index at end of book
Dale Margaret, Arlington Mass.
Estes Mills ("Granite," "Bristol," "Export," "Bargain," "Business," "Merchant," "Eureka," "Winner," "Niagara," "J. H. E." & "Markdown"), Fall River, Mass.
Fricke J. E. Co. (Cotton), 247 Market, Phila., Pa.
Goss Bros. (Cotton), Fall River, Mass.
Holden James (Cotton), Fall River, Mass.
January & Wood Co., Maysville, Ky.
Mallison Braided Cord Co. (Cotton), Athens, Ga.
Puritan Cordage Mills (Cotton), Louisville, Ky.
St. Louis Cordage Mills, 1715 S 11th, St. Louis, Mo.
Samson Cordage Works, 88 Broad, Boston, Mass.
Sanderson L. M. (Cotton), Haydenville, Mass.
Schlichter Jute Cordage Co. (Jute), 20 N Front, Phila., Pa.
Silver Lake Co., Newtonville, Mass.
Small Bros., Fall River, Mass.
Southern Mills Corp. (Cotton), Oxford, Ala.
Tate E. H. Mop & Cordage Co. ("Best Quality"), 15 Chardon, Boston, Mass.
Tate Mfg. Co., 48 Hanover, Boston, Mass.
Toohey M. J. & Co. (Cotton), Full River, Mass.
Tribble A. L. Co. (Cotton), 59 Temple, pl, Boston, Mass.
Turner & Stanton Co., Norwich, Conn.

2759—Clothes Lines (Self-Winding)

Hawthorne Mfg. Co. ("Hawthorne" Automatic), Bridgeport, Conn.

2760— Clothes Lines (Wire)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Hollow Cable Mfg. Co. (Galvanized), Hornell, N. Y.
Malin & Co., Cleveland, O.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Parker Wire Goods Co. (Rust Proof), Worcester, Mass.
WRIGHT WIRE CO. ("Excelsior" Brand Reinforced Hollow Cable; also Plain & Twisted Wire), Worcester, Mass.
See adv index at end of book

2760a— Clothespins

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

2761—Clothes Reel Centers (Iron)

Adams Co., Dubuque, Ia.
Indiana Foundry Co., Indiana, Pa.
Loetscher-Ryan Mfg. Co., Dubuque, Ia.
Swett A. L. Iron Works, Medina, N. Y.

2762— Clothing (Oiled)

Carter J. F. Co., Beverly, Mass.
Corliss C. R. & Son, Gloucester, Mass.
Franklin Rubber Co., 134 Federal, Boston, Mass.
Gloucester Oiled Clothing Co., Gloucester, Mass.
Goodyear Rubber Co. ("Indian," "Gold Seal," "Hippo"), 539 Mission, San Francisco, Cal.
Nelson J. M., Gloucester, Mass.
Nickerson Levi Co., Gloucester, Mass.
Sawyer H. M. & Son ("Excelsior"), Cambridge, Mass.
Schwartz & Berstein, Gloucester, Mass.
Standard Oiled Clothing Co., 152d & Union av, New York
Tower A. J. Co. (Fish Brand), 18 Simmons, Boston, Mass.

2763— Clothing (Rubber)

American Rubber Co., 130 Essex, Boston, Mass.
Chicago Rubber Clothing Co., Racine, Wis.
Clifton Mfg. Co., 65 Brookside av, Jamaica Plain, Boston, Mass.
Franklin Rubber Co., 134 Federal, Boston, Mass.
Goodyear Tire & Rubber Co., Akron, O.
Hodgman Rubber Co., 8 W 40th, New York

2764— Cloths (Copying)

Adams Mfg. Co., 2230 Market, Phila., Pa.
Eureka Blotter Bath Co. ("Eureka," Sanitary), 6221 Wentworth av, Chicago, Ill.

2765— Cloths (Dustless Dust)

Cedar-Sweep Co. ("C. S. C."), Los Angeles, Cal.
Chicago Feather Duster Co. ("Absorbo"), 816 Fulton, Chicago, Ill.
Dearborn Duster Co., 550 W Harrison, Chicago, Ill.
Dunlap Mfg. Co. ("Oil of Gladness"), Bloomington, Ill.
Fricke Adolf ("Fricke"), 73 Franklin, New York
Gem Supply Co. ("Mysterious"), Waterbury, Conn.
Hanson F. C. ("Absorbit"), Southbridge, Mass.
Hoag Duster Co. ("Hoag"), Monticello, Ia.
HOWARD DUSTLESS DUSTER CO. ("Howard Dustless Duster"), 290 Franklin, Boston, Mass.

CLOTHS (DUSTLESS DUST)—continued
Milton Chemical Co. ("B. B."), 156 Sixth, Cambridge, Mass.
Ohio Duster Co. ("Elite"), Cleveland, O.
Pioneer Mfg. Co. ("Shino"), Harvard av & E 103rd, Cleveland, O.
Reddick Lambs Wool Polisher & Products Co., Harrison bldg, Phila., Pa.
Rochester Chemical Co., Rochester, N. Y.
Sanitary Stamped Wares & Specialties Co., 415 W B'way, New York
TATE E. H. MOP & CORDAGE CO. ("Best Quality"), 15 Chardon, Boston, Mass.
Tate Mfg. Co., 48 Hanover, Boston, Mass.
Wax Brush Co. ("Bwaxo"), 56 Sanford, Boston, Mass.

2766— Cloths (Filter)

Bemis Bros. Bag Co. (Cotton, Jute or Camels Hair), 601 S 4th, St. Louis, Mo.
Brighton Mills, Passaic, N. J.
Brooklyn Filter Bag Co. (Cotton), 643 Kent av, Brooklyn, N. Y.
Channon H. Co., 150 N Market, Chicago, Ill.
Dominion Asbestos & Rubber Corp. (Asbestos), 154 Nassau, New York
See adv index at end of book
Hall W. & Co., Lansdowne, Pa.
Hoegee, Wm. H. Co., Los Angeles, Cal.
Huyck F. C. & Sons, Rensselaer, N. Y.
JOHNSON JOHN CO., 203 37th, Brooklyn, N. Y.
Lane J. H. & Co. (Jobbers), 334 4th av, New York
Milwaukee Bag Co., Milwaukee, Wis.
Mt. Vernon-Woodberry Co., Cont. bldg, Baltimore, Md.
Multi-Metal Separating Screen Co., 251 W 19th, New York
National Filter & Cloth Weaving Co. (Cotton, Flax & Jute), 57 Hope, Brooklyn, N. Y.
National Sales Co. (Imp.), 31 E 13th, Cincinnati, O.
Newark Wire Cloth Co., 222-230 Verona av, Newark, N. J.
See adv index at end of book
Provost Engng. Corp., 218 B'way, New York
STANLEY WM. W. (Filter Duck & Filter Press Cloths for All Purposes), 50 Church, New York
Supplee-Biddle Hardware Co., 510 Commerce, Phila., Pa.
See adv index at end of book

2767— Cloths (Polishing)

Behrend F., 54 Front, New York
Dorsey Mfg. Co. ("Dorsey" for Metal), 39 Pearl, Boston, Mass.
Fricke Adolf ('Fricke," "Chamoise," "Silvena" Silk Silver), 73 Franklin, New York
G. V. Sales Co. ("Omy" for Wood & Metal), 132 Nassau, New York
General Supply Corp., Worcester, Mass.
Hanson F. C. ('Cleanslik"), Southbridge, Mass.
Landers Bros. Co. (Sanitary), Toledo, O.
Mill Remnants Co. ("Mireco"), 19 Bond, New York
North Jos. W. & Sons, Elizabeth, N. J.
Pioneer Mfg. Co. ("Shino"), Harvard av & E 103rd, Cleveland, O.
Saponol Chemical Co. ("Ol-Se-Co"), 1916 Park av, New York
Wood W. A. Co., 373 Atlantic av, Boston, Mass.

2768— Cloths (Press)

Acme Press Cloth Co. (Camel's Hair), Frankford, Phila., Pa.
American Press Cloth Co. (Woolen for Hydraulic Presses), Columbia, S. C.
Bemis Bro. Bag Co. (Cotton, Jute or Camels Hair), 601 S 4th, St. Louis, Mo.
Brighton Mills, Passaic, N. J.
Chelsea Fibre Mills, 212 5th av, New York
Fulton Bag & Cotton Mills, Atlanta, Ga.
Gary James S. & Son, Equitable bldg, Baltimore, Md.
Hooper Wm. E. & Sons Co., Maryland Life bldg, Baltimore, Md.
Mishler Mfg. Co. (Cotton & Hemp), Smithville, O.
Mt. Vernon-Woodberry Mills, Cont. bldg Baltimore, Md.
Perkins, J. T. Co., 669 Kent av, Brooklyn, N. Y.
Sheehan D. H. (Cotton & Camel's Hair), Westford, Mass.
Southern Press Cloth Mfg. Co., Augusta, Ga.
Sugden Press Bagging Co. (Camel's Hair), West Chelmsford, Mass.
Tallassee Falls Mfg. Co., Tallassee, Ala.
Warren Mfg. Co. (Duck), Warren, Md.
Werk Robert & Co., New Orleans, La.
Willingham Cotton Mills, Macon, Ga.

2768a— *Cloths (Strainers)

Newark Wire Cloth Co., 222-230 Verona av Newark, N. J.
See adv index at end of book

2769—Cloths (Wiping, Plumbers')

A. D. Mfg. Co., 201 Piquette, Detroit, Mich.
Glauber M. & Co., 103 Varick, New York
Michigan Sanitary Cloth Co., Kalamazoo, Mich.
Nye Tool & Machine Works ("Nye," Herringbone Ticking & English Moleskin), 108 N Jefferson, Chicago, Ill.
Starbuck R. M. & Sons, Hartford, Conn.
Wolff L. Mfg. Co., 111 N Dearborn, Chicago, Ill.
Wolverine Brass Works, Grand Rapids, Mich.
Woodward-Wanger Co., 1106 Spring Garden, Phila., Pa.

2770— Clubs (Golf)

Burke Golf Co., Newark, O.
Crawford, McGregor & Canby Co., Dayton, O.
Hillerich & Bradsby Co. ("H & B"), 725 S Preston, Louisville, Ky.
McLoughlin, Bundy & Sinsbaugh, Haas bldg, Los Angeles, Cal.
Spalding A. G. & Bros., 126 Nassau, New York
Wright & Ditson, 344 Wash'n, Boston, Mass.

2771— *Clubs (Wooden)

ESTES E. B. & SONS (Police Clubs, Indian Clubs, etc.), 364 5th av, New York
See adv index at end of book

2772— Clusters (Fixture)

(Ceiling or Wall Bracket Fixtures)
See also Electric & Gas Lighting Fixtures
American Brass & Copper Co., 138 Lafayette, New York
Benjamin Electric Mfg. Co. (Wireless, Car, Ceiling, Pendant, Weather-Proof, etc), 128 S Sangamon, Chicago, Ill.
See adv index at end of book
Dale Lighting Fixture Co. ("Weeks"), 107 W 13th, New York
Dayton Mfg. Co., Dayton, O.
Faries Mfg. Co., Decatur, Ill.
Federal Sign System (Electric), 640 W Lake, Chicago, Ill.
Forg Peter Mfg. Co. (Electric), Somerville, Mass.
Frink I. P., Inc., 10th av & 24th, New York
HARTER MFG. CO., 524 S Clinton, Chicago, Ill.
Hubbell Harvey (Inc.), Bridgeport, Conn.
Post-Glover Electric Co., 308 W 4th, Cincinnati, O.
Walsh-Owen Mfg. Co., 525 W 26th, New York
White Jas. H. Mfg. Co., 111 N 3rd, Brooklyn, N. Y.
White O. C. Co., Worcester, Mass.

2773—Clusters (Wireless Fixture)

BENJAMIN ELECTRIC MFG. CO., 128 S Sangamon, Chicago, Ill.
See adv index at end of book
Dale Lighting Fixture Co. ("Weeks"), 107 W 13th, New York
Federal Electric Co., 640 W Lake, Chicago, Ill.

2773a— Clutch Facings

BETTES & EBSEN, 150 Church, New York *See adv index at end of book*
Cork Insert Co., 164 Federal, Boston, Mass.
Dominion Asbestos & Rubber Corp. ("Darcoid" & "Griptite"), 154 Nassau, New York *See adv index at end of book*
Standard Woven Fabric Co. ("Multibestos"), Walpole, Mass.

Hendricks' Commercial Register

is not a Catalog of Advertisers alone, but a Complete Register of the manufacturers and jobbers in every line of trade that comes within the scope of the work.

When writing to firms whose names appear in this book please mention

Hendricks' Commercial Register

2774— Clutches (Arc Lamp)

Paiste H. T. Co., 3201 Arch, Phila., Pa.
Phila. Electrical & Mfg. Co. ("Perfect"), 1236 N 31st, Phila., Pa.
Thermoid Rubber Co., Trenton, N. J.
Western Electric Co., 500 S Clinton, Chicago, Ill., & 463 West, New York

2775— Clutches (Automobile)

BOSSERT CORPORATION, THE, (Cones & Discs), Utica, N. Y.
See adv index at end of book
Fuller & Sons Mfg. Co., Kalamazoo, Mich.
Hartford Auto Parts Co. (Cone), Hartford, Conn.
Hilliard Clutch & Machinery Co. ("Hilliard," Multiple Disk Dry Friction), Elmira, N. Y.
Konigslow Otto Mfg. Co. (Cone), 3506 Perkins av, Cleveland, O.
Mechanics Machine Co., Rockford, Ill.
MERCHANT & EVANS CO. ("Hele-Shaw"), 2035 Washington av, Phila., Pa. *See adv index at end of book*
Muncie Gear Wks., Muncie, Ind.
Reed Foundry & Machine Co. (Multiple Disc & Cone), Kalamazoo, Mich.
Trio Mfg. Co. (Multiple Disc & Cone), Bellevue & Warren avs. Detroit, Mich.
Universal Machinery Co., 784 30th, Milwaukee, Wis.
Wabash Gear Works (Multiple Disc & Cone), Terre Haute, Ind.
Warner Gear Co. (Cone & Multiple Disc), Muncie, Ind.

2775a—*Clutches (Countershaft)

WESTLUND C. G. CO. ("Star Safety" "Westlund Split"), 498 Millbury, Worcester, Mass.

2776— Clutches (Electric)

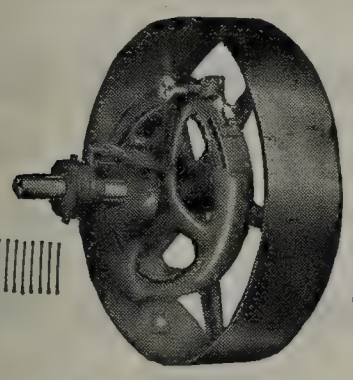
Brown-Lipe Gear Co. (Multiple Discs), Syracuse, N. Y.
Cutler-Hammer Mfg. Co., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book

2777— Clutches (Friction)

See also Pulleys, Friction Clutch; also Machinery, Power Transmitting

Akron Gear & Engng. Co. ("Ideal," Multicone), Akron, O.
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
American Tool & Machine Co. ("Hill," "Hub" & "Worrall"), 10 High, Boston, Mass.
Bauroth Bros, Springfield, O.
Beloit Iron Works ("Bulldog"), Beloit, Wis.
Bicknell-Thomas Co. (for Machine Tools up to 12 H. P.), Greenfield, Mass.
Blevney Mach. Co. ("Blevney"), Greenfield, Mass.
Brightman Machine Co., Cleveland, O.
Brown A. & F. Co., 79 Barclay, New York.
Brown Clutch Co., Sandusky, O.

MULE-PULL CLUTCHES
REG. U.S. PAT. OFFICE
30 SIZES FRICTION CLUTCHES & COUPLINGS
BROWN ENGINEERING CO.
110 N. 3rd St. READING, PA.



The Caldwell Clutch Is Trouble-Proof

—because it is strong and simple in construction, safe and easy to operate and efficient in doing its work. One Lever Controls it; One Screw Adjusts It—both in plain view.

The brake band, lined with Ra-Bestos brake lining, grips the entire circumference of the friction ring and therefore transmits the greatest amount of power possible. All important parts are steel.

Send for catalogue

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INCORPORATED
320 E. Brandeis St.
Louisville, Ky.

Caldwell FRICTION CLUTCHES

Carruthers & Fithian Clutch Co., Grove City, Pa.
Cedar Rapids Foundry & Mach. Co., Cedar Rapids, Ia.
Chain Belt Co., Milwaukee, Wis.
Chicago Pulley & Shafting Co., 40 S Clinton, Chicago, Ill.
Conway & Co., 2507 Beekman, Cincinnati, Ohio
Conway & Co., S. Y. Station, Cincinnati, O.
Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
DODGE SALES & ENGINEERING CO. (Split & Solid), Mishawaka, Ind.
Eastern Machinery Co. ("Frisbie"), New Haven, Conn.
Edgemont Machine Co. ("Edgemont"), Dayton, O.
Erie Clutch & Pulley Co., Erie, Pa.
Essmueller Mill Furnishing Co. ("Peerless"), 1222 S 8th, St. Louis, Mo.
Fairbanks, Morse & Co. ("Eclipse"), 900 S Wabash av, Chicago, Ill.
Falls Clutch & Machinery Co. ("Falls"), Cuyahoga Falls, O.
Farrel Foundry & Machine Co. (Coil), Ansonia, Conn.
Filer & Stowell Co., Milwaukee, Wis.
Frost Mfg. Co. ("Frost"), Galesburg, Ill.
Hanson Clutch & Machy Co. (Also Appliances), Tiffin, O.
HILL CLUTCH CO. ("Smith" Type), 1000 W 58th, Cleveland, O.
Hilliard Clutch & Machinery Co. ("Hilliard" Friction Clutch & Cut-Off Couplings), Elmira, N. Y.
Holyoke Machine Co. ("Lombard"), Worcester, Mass.
Humphrey Machine Co., Keene, N. H.
Hunt Rodney Machine Co., Orange, Mass.
Hunter Jas. Machine Co., N. Adams, Mass.
Jeffrey Mfg. Co. (Chain), 961 N Fourth, Columbus, O. *See adv index at end of book*
Johnson Carlyle Machine Co. ("Johnson"), Manchester, Conn.
Jones W. A. Foundry & Machine Co. ("Lemley"), 4401 W 12th, Chicago, Ill.
Lane G. W. & C. A., Exeter, N. H.
Lauson-Lawton Co., De Pere, Wis.
LINK-BELT CO. ("Ewart" & "Disk"), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa. *See adv index at end of book*
McMahon & Co., Worcester, Mass.
Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
Meese & Gottfried Co., 660 Mission, San Francisco, Cal.
Mereen-Johnson Machine Co., 4400 Lyndalean, Minneapolis, Minn.
Miller Foundry & Specialty Co., No Tonawanda, N. Y.
Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.
Minster Machine Co., Minster, O.
Mobile Pulley & Machine Co., Mobile, Ala.
Moore & White Co., N 15th & Lehigh av, Phila., Pa.
Morgan Construction Co., Worcester, Mass.
O. K. Clutch & Machinery Co. ("O. K."), Columbia, Pa.
Oesterlein Machine Co., Cincinnati, O.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Passman Bros., 30 S Green, Chicago, Ill.
Peerless Bread Machine Co. ("Standard"), Sidney, O.
Plamondon A. Mfg. Co., 12 N Clinton, Chicago, Ill.
Poole Engineering & Machine Co., Woodberry Sta., Baltimore, Md.
Pusey & Jones Co., Ft. Poplar, Wilmington, Del.
Pyott Co. ("Pyott-Miller" Steel Plate), 1401 W North av., Chicago, Ill.
Redin, Ekstrom & Co., Rockford, Ill.
Reliance Gauge Column Co. ("Cleveland"), Cleveland, Ohio
Schultz A. L. & Son ("Schultz"), 1675 Elston av, Chicago, Ill.
Schwab R. J. & Sons Co. ("Milwaukee"), 283 Clinton, Milwaukee, Wis.
Secord & Orr Co. ("Sta-Rite"), Jackson, Mich.
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
Skillin & Richards Mfg. Co. ("Muir" Steel Plate, etc.), 4520 Cortland, Chicago, Ill.
Snow & Petrelli Mfg. Co. ("Joe's"), New Haven, Conn.
Sprout, Waldron & Co., Muncy, Pa.
Strait H. N. Mfg. Co., Kansas City, Kan.
Stephens-Adamson Mfg. Co. ("S. A." Steel Plate), Aurora, Ill.
Sunderland Machinery & Supply Co., Omaha, Nebr.
Thomas Coupling Co. ("Empire"), Erie, Pa.
Transmission Ball & Bearing Co., 1056 Military rd, Buffalo, N. Y.
United Iron Works Co. (Patented), Kansas City, Mo.
Universal Machinery Co., 784 30th, Milwaukee, Wis.
Milwaukee Shaper Co., 1144 Kolton, Milwaukee, Wis.
Webster Mfg. Co., Tiffin, O.
Weller Mfg. Co. (And Jaw), 1856 N Kostner av, Chicago, Ill.
Wellman-Seaver-Morgan Co. ("Lane" & "Pitkin"), Cleveland, O.
WESTLUND C. G. CO. ("Star" Safety, "Westlund Split"), 498 Millbury, Worcester, Mass.
WILLIAMS FOUNDRY & MACHINE CO. ("Akron"), Akron, O. *See adv index at end of book*
Wolf Co., Chambersburg, Pa.
Worcester Machine Co., Worcester, Mass.
Wood's T. B. Sons Co. ("Universal Giant"), Chambersburg, Pa.

"AKRON" Friction Clutches

¾ to 1000 H.P. at 100 R.P.M.

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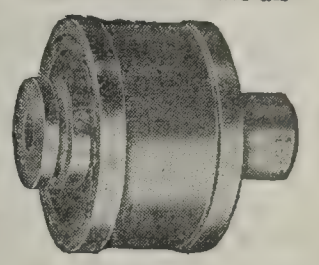

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Akron Clutches are smooth and positive in action. No chattering, clatter or other noises. All clutches equipped with bronze bushings. Protected against dust and dirt. All parts enclosed. The friction parts are metal working in oil, and there is practically no wear. Pulley is not part of clutch and is easily interchanged. Will slip if load exceeds horsepower, thereby avoids wrecking other parts of transmitting appliances. Very simple, easily adjusted by means of one screw.

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2779— Clutches (Gas Engine)

Brown Clutch Co. ("Brown"), Sandusky, O.
Carruthers & Fithian Clutch Co., Grove City, Pa.
Fairbanks, Morse & Co. ("Eclipse"), 900 S Wabash av, Chicago, Ill.
Havana Mfg. Co., Havana, Ill.
Hill Clutch Co., 1000 W 58th, Cleveland, Ohio
Hilliard Clutch & Machy Co., Elmira, N. Y.
Johnson Carlyle Machine Co. ("Johnson"), Manchester, Conn.
Jones W. A. Foundry & Machine Co. ("Lemley"), 4401 W 12th, Chicago, Ill.
Lauson-Lawton Co., De Pere, Wis.
Minster Machine ("Herken" Friction), Minster, O.
O. K. Clutch & Machinery Co. ("O.K." Friction), Columbia, Pa.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Thomas Coupling Co. ("Empire"), Erie, Pa.

2780— Clutches (Magnetic)

Cutler-Hammer Mfg. Co., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book

2781—Clutches (Motor Cycle)

Eclipse Machine Co., 18th, Elmira, N. Y.
Universal Machinery Co., 784 30th, Milwaukee, Wis.

2782— Clutches (Rail)

Handlan-Buck Mfg. Co. ("McPartland"), 210 14 N 3rd, St. Louis, Mo.

2783—*Clutches (Safety, Friction)

DODGE SALES & ENGINEERING CO. (Separate at any Speed), Mishawaka, Ind.

2783a—*Coal Breaker Buildings

GUERBER ENGNG. CO., Bethlehem, Pa.

Coal Breakers

See Crushers. Coal & Coke

Coal Cutters

See Coal Cutting Machines

Coal Dock Outfits

See Conveyors, Coal; also Buckets; also Tubs, Hoisting; also Tubs, Self-Dumping; also Derricks; also Engines, Hoisting, etc

2784—Coal Handling & Storage Plant Construction

See also Machinery, Coal & Ore Handling; also Conveyors, Coal & Ash Handling

Brown Hoisting Machinery Co., 4403 St. Clair, N. E., Cleveland, O.
Fairbanks, Morse & Co. (Designers & Builders), 900 S Wabash av, Chicago, Ill.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Gas Machinery Co., 1900 Euclid av, Cleveland, O.
GUARANTEE CONSTRUCTION CO. (For Power Plants), 140 Cedar, New York
Haiss Geo. Mfg. Co., 141st & Rider av, New York
HAYWARD CO., THE, 50 Church, New York *See adv index at end of book*
HUNT C. W. CO., West New Brighton, N. Y. *See adv index at end of book*
Jeffrey Mfg. Co., 961 N. Fourth, Columbus, Ohio. *See adv index at end of book*
LINK-BELT CO. (Complete Plants), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila, Pa. *See adv index at end of book*
Macdonald Engineering Co., 53 W Jackson blvd, Chicago, Ill.
Maine Electric Co., Portland, Me.
Mead-Morrison Mfg. Co., Cor. Prescott & Orleans, East Boston, Mass.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa. *See adv index at end of book*
Roberts & Schaefer Co. (Engineers' & Contractors' Coal Washeries, Tipples, Coal Dock Builders, Screening Equipment, Power Houses, Bins & Coaling Stations), 332 S. Michigan av, Chicago, Ill.
Webster Mfg. Co., Tiffin, O.
Wellman-Seaver-Morgan Co., Cleveland, O.

2785— Coal Tar Products

See also Colors, Coal Tar

Alcatraz Co., Inc., 3200 Williamsburg av, Richmond, Va.
Barrett Co., 17 Battery pl, New York
Bayway Chemical Co., Elizabeth, N. J.
Berlin Aniline Works (Imp), 213 Water, New York
By-Products Coke Corp., 332 S. Michigan av, Chicago, Ill.
Cabot Samuel (Inc.), 141 Milk, Boston, Mass.
Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
Chatfield Mfg. Co., Carthage, Cincinnati, O.
City Gas Co. (Gas & Coal Tar), Norfolk, Va.
Coal Tar Product Co. ("Stag" Brand), 570 Smith, Brooklyn, N. Y.
Edgertyn Aniline Corpn. (Agts. & wks), 118 William, New York
Ford Mfg. Co., 2339 La Salle, Chicago, Ill.
General Roofing Mfg. Co., Boatman's Bank bldg, St. Louis, Mo.
Glockner & Blue Co. (Roofing), 2474 3d av, New York
Huggins Jas. & Son (For Rubber Mfrs.), Malden, Mass.
Marden, Orth & Hastings Co., 61 B'way, New York
Milwaukee Gas Light Co., 182 Wisconsin, Milwaukee, Wis.
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York
Philadelphia Aniline & Extract Co. (Aniline), Bourse bldg, Phila., Pa.
Semet-Solvay Co., Syracuse, N. Y.
Seydel Mfg. Co., 88 Forrest, Jersey City, N. J.
Stelwagon Mfg. Co., 19th & Washington av, Phila.. Pa.
Standard Chemical Co., Tacoma, Wash.
United Roofing & Mfg. Co., Morris bldg, Phila., Pa.
Warren Bros. Co. ("Acme"), 142 Berkeley pl, Boston, Mass.
Warren Chemical & Mfg. Co., 17 Battery pl, New York
Watson H. F. Co. (Crude & Refined), Erie, Pa.
Wilckes, Martin, Wilckes Co. (Coal Tar Only), 135 William, New York
Zobel Ernst Co., 112 2d av, Brooklyn, N. Y.

2786—Coal & Coke Crushing & Screening Plants

Chain Belt Co., Milwaukee, Wis.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Heyl & Patterson, 51 Water, Pittsburgh, Pa.
Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
JEFFREY MFG. CO., 961 N 4th Columbus, Ohio. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa. *See adv index at end of book*
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Phillips Mine & Mill Supply Co. (Screening Only), 2227 Jane, Pittsburgh, Pa.
Sanford-Day Iron Works (Screening Only), Knoxville, Tenn.
Webster Mfg. Co., Tiffin, O.

2786a— Coat Hangers

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

2787—Coating (Automobile Tire)

French Sam'l H. & Co. ("Whitire"), 4th & Callowhill, Phila., Pa.

Coating (Concrete)

See Water-proofing Materials

Coating (Rope & Cable)

See Wire Rope Coating & Lubricant

2788—Coatings (Cast Iron Pipe)

Barber Asphalt Paving Co. (Asphalt), Land Title bldg, Phila., Pa.
Highland Chemical Products Co. ("Highland," Non-Corrosive), Connellsville, Pa.
Lamson John S. & Bro., 347 Madison av, New York
Riesenman Mfg. Co. (Ltd.) ("Eclipse"), Franklin, Pa.
Standard Asphalt & Rubber Co. ("Sarco," Mineral Rubber for Steel & Cast Iron Pipe), 208 S La Salle, Chicago, Ill.

2789—Coatings (Cement Floor)

Anti-Hydro Waterproofing Co., 9 Orchard, Newark, N. J.
Billings-Chapin Co. ("Bilchaco" for Preventing Dust, etc), Cleveland, O.
Ohio Varnish Co. ("Chi-Namel"), 8604 Kinsman, Cleveland, O.
Preservative Products Co., 1133 B'way, New York

2790— Coats (Duck)

Collins Michael J., 24 Thayer, Boston, Mass.
Gordon Supply Co., 537 Albany, Boston, Mass.

2791— Cobalt

Daft A. C. (Mfrs. Agent), Oliver bldg, Pittsburgh, Pa.
Drakenfeld B. F. & Co. (Oxides, Carbonate, Nitrate & Sulphate (Selling Agent), 50 Murray, New York

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Innes, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*
McKesson & Robbins, 91 Fulton, New York
METAL & THERMIT CORP., 120 B'way, New York
See adv index at end of book
Roessler & Hasslacher Chemical Co. (Oxide, etc), 100 William, New York
Wiarda John C. & Co. (Oxide & Sulphate), 273 Greene, Brooklyn, N. Y.

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2791f— Cobalt (Sulphate)

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CLEVELAND NEW YORK PHILADELPHIA

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Enterprise Mfg. Co. of Pa., N 3d, cor Dauphin, Phila., Pa.
Root-Heath Mfg. Co. ("Economy," "Economical," "Eclipse," "Invincible," "Guaranteed Perfection," "Leader," "Royal," "Acme," "Universal," "Plymouth Rock," "Combination," "Popular," "Fireside," "Premier," "Practical," "Home" Family, etc), Plymouth, O.
Sacks Louis, Inc. ("Star"), Wilson av, Newark, N. J.
Steinfeld Bros. (Family, etc), 116 W 32d, New York
Wrightsville Hardware Co., Wrightsville, Pa.

2793— Cochineal

Hillier's R. Son Co. (Imp.), 100 William, New York
Klipstein A. & Co., 644 Greenwich, New York
Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.
Ransom L. E. Co. (Imported), 279 Pearl, New York

2794— Cockeyes

Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Frazer & Jones Co. (Screw, Triangular, "Utility," "Little Giant" Clip, etc), Syracuse, N. Y.
North & Judd Mfg. Co. ("Anchor Brand," Screw, Triangular, Clip, etc.), New Britain, Conn.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Stowell Co., The, S Milwaukee, Wis.

2795— Cocks (Acid)

Aterite M. H. Co., Inc. (Sulphuric), 55 John, New York
Duriron Castings Co. ("Duriron" Acid Proof), Dayton, O.
General Ceramics Co. (Stoneware), 50 Church, New York
Kelly & Jones Co., Greensburg, Pa.
M. H. Aterite Co., Paterson, N. J.

Cocks (Acid-Proof Stoneware)

See Stoneware, Chemical

2796— Cocks (Air)

American Lubricator Co., Summit & Wabash Ry, Detroit, Mich.
American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
Asbell S. J. Co., Paterson, N. J.
Buckeye Iron & Brass Works (Hydraulic, Bibb, etc), Dayton, O.
Detroit Brass Works, Detroit, Mich.
French H. P. Co., Inc., 320 B'way, New York
See adv index at end of book
Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
Hancock Mfg. Co., Charlotte, Mich.
Hays Mfg. Co., Erie, Pa.
Homestead Valve Mfg. Co., Pittsburgh, Pa.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McNab & Harlin Mfg. Co., 55 John, New York
McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.
See adv index at end of book
Michigan Lubricator Co., Detroit, Mich.
Monarch Valve Co. ("Monarch" Brass), 112 Front, Brooklyn, N. Y.
NASON MG. CO., 71 Fulton, New York
See adv index at end of book
National Brass Mfg. Co. (Lever Handle), Rochester, N. Y.
Pittsburgh Brass Mfg. Co. (For Mines), Pittsburgh, Pa.
Powell Wm. Co., Cincinnati, O.
Queen City Brass & Iron Works, Cincinnati, O.
Roberts Brass Mfg. Co., Detroit, Mich.
Standard Brass Works, 97 Wight, Detroit, Mich.
Sterling & Skinner Mfg. Co., 2672 E Grand blvd, Detroit, Mich.
Strater Herman & Sons, 74 Sudbury, Boston, Mass.
Utility Compressor Co., 355 Harper, Detroit, Mich.
WESTINGHOUSE AIR BRAKE CO., Pittsburgh, Pa.

2797— Cocks (Air Brake)

Sherburne & Co. (Brakeman's, for Controlling from Rear of Trains When Backing), 53 Oliver, Boston, Mass.
Star Brass Mfg. Co. ("Star," Brakeman's Signals), 108 E Dedham, Boston, Mass.
WESTINGHOUSE AIR BRAKE CO. (Self-Locking Angle), Pittsburgh, Pa.

2798— Cocks (Ale & Beer)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Asbell S. J. Co., Paterson, N. J.
Bishop-Babcock-Becker Co., Cleveland, O.
Cleveland Faucet Co., Cleveland, O.
Cleveland Brass Works, Cleveland, O.
Hamilton Jno. Brass Works (Beer or Bar), Bridgeport, Conn.
Haydenville Co., Haydenville, Mass.
Homer Brass Works, 231 Race, Phila., Pa.
Kamp & Miller Mfg. Co., 382 4th, Milwaukee, Wis.
Landers, Frary & Clark, New Britain, Conn.
Liberty Brass Works, 305 W Lombard, Baltimore, Md.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Peck Bros. & Co., New Haven, Conn.
Perkes Chas. (Est. of), 627 Arch, Phila., Pa.
Strater Herman & Sons, 74 Sudbury, Boston, Mass.
Wolff L. Mfg. Co., 111 No. Dearborn, Chicago, Ill.

2798a—Cocks (Asbestos Packed)

FAIRBANKS CO., 416 Broome, New York
For branch offices see Alphabetical Section

2799— Cocks (Ball)

Acheson Mfg. Co. ("Mansfield"), Rankin, Pa.
Ahrens & Ott Mfg. Co., Louisville, Ky.
American Brass & Copper Co., 138 Lafayette, New York
American Fdry. & Mfg. Co., 11th & Herbert, St. Louis, Mo.
American Pin Co. ("Ampinco"), Waterbury, Conn.
Appleton Brass Co. ("Curtain," Rotary), 3 Appleton, Boston, Mass.
Belknap Mfg. Co., Bridgeport, Conn.
Boston Brass Co. ("B. B." High Pressure), 135 Bacon, Waltham, Mass.
See adv index at end of book
Boyts, Porter & Co., Connellsville, Pa.
Burlington Brass Works ("Hartford"), Burlington, Wis.
Cahill-Swift Mfg. Co. ("Crescent"), St. Louis, Mo.
Columbus Brass Co., 538 Dublin av., Columbus, O. *See adv index at end of book*
Coyne & Delany Co., 832 Kent av, Brooklyn, N. Y.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Dalton Ingersoll Mfg. Co., 52 Chauncy, Boston, Mass.
Dececo Co., 157 High, Boston, Mass.
Engel Mfg. Co., 210 Temple, Syracuse, N. Y.
d'Este Julian Co. ("U. S."), 24 Canal, Boston, Mass.
Douglas John Co., Carthage, Cincinnati, O.
Edwardsville Brass Co., Edwardsville, Ill.
Eichman J. C. Mfg. Co., Bush & Wicomico, Baltimore, Md.
Enameled Tank Co., Kalamazoo, Mich.
Exeter Brass Works ("Ryan's," "M. H."), Exeter, N. H.
Fleck Bros. Co., 44 N 5th, Phila., Pa.
Frost Mfg. Co. ("Frost"), Kenosha, Wis.
Haines, Jones & Cadbury Co. ("Hajojca"), 1136 Ridge av, Phila., Pa.
Hall Mfg. Co., Harrison, N. J.
Haydenville Co., Haydenville, Mass.
Heap Wm. & Sons, Grand Haven, Mich.
Hoffman B. Mfg. Co., 257 6th, Milwaukee, Wis.
Hoffman & Billings Mfg. Co., 100 2d, Milwaukee, Wis.
Homer Brass Works, 231 Race, Phila., Pa.
Humphreys Mfg. Co. (High Pressure), Mansfield, O.
Hyland W. J. Mfg. Co. (Clark), Springfield, Mass.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
L. B. Brass Co. ("L. B."), Peabody, Mass.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McDonald A. Y. Mfg. Co., Dubuque, Ia.
McGraw R., Syracuse, N. Y.
McNab & Harlin Mfg. Co., 55 John, New York
McRae & Roberts Co. (High Pressure), 227 Campbell av, Detroit, Mich.
See adv index at end of book
McShane Bell Foundry Co. ("McShane" Compression), Harford av & B. & O. R. R., Baltimore, Md.
Meyer-Sniffen Co., 11 W 36th, New York
Miller Chas. A. Co. (Low Down, Closet, etc.), Sturgis, Mich.
Monarch Brass Co., Cleveland, O.
Moore G. B., 100 Dwight, Springfield, Mass.
Morency-Van Buren Mfg. Co. ("M. V. B."), Sturgis, Mich.
Mott, J. L. Iron Works, Trenton, N. J.
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
Nelson N. O. Mfg. Co., 10th & Chestnut St. Louis, Mo.
Ohio Pump & Brass Co. ("Triumph"), Columbus, O.
Peck Bros. & Co., New Haven, Conn.
Ramsey L. M. Mfg. Co., 207 N 12th, St. Louis, Mo.
S. & I. Co. ("Never Break," "S. & I. Quiet"), Springfield, Mass.
Savill's Thos. Sons, 1310 Wallace, Phila., Pa.
Schild Specialty Co. ("Herschler Faultless"), 111 High av, Cleveland, O.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Stebbins E. Mfg. Co., Springfield, Mass.
Street & Kent Mfg. Co. (Quanco," Barbers'), 549 Fulton, Chicago, Ill.
Tillotson Humidifier Co. (Noiseless), 78 Fountain, Providence, R. I.
Trenton Brass & Machine Co., Trenton, N. J.
Try-Me Mfg. Co. ("Try Me"), Springfield, Mass.
Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.
Union Metal Works ("A. R. R. C."), Chelsea, Mass.
Vulcan Brass Mfg. Co. ("Paragon"), 24 Noble Court, Cleveland, O.
Webb F. W. Mfg. Co., 50 Elm, Boston, Mass.
Western Brass Mfg. Works, Marshall blvd & W 21st, Chicago, Ill.
Wolff L. Mfg. Co., 111 N. Dearborn, Chicago, Ill.
Wolverine Brass Works ("Dale"), Grand Rapids, Mich.

2800— Cocks (Basin)

Allyne Brass Foundry Co. ("Junior," Compression), 207 Crawford, Detroit, Mich.
American Foundry & Mfg. Co. (Compression, Ground Key & Self-Closing), 11th & Herbert, St. Louis, Mo.
Atkinson Co., Rochester, N. Y.
Banner Mfg. Co. ("Banner," Self-Closing Faucet), 109 Lafayette, New York
Bashlin Co. (Compression & Self-Closing), Warren, Pa.
Burlington Brass Works (Fuller & Compression), Burlington, Wis.
Central Brass Mfg. Co. ("Quick-Pression" Faucets), 6206 Cedar, Cleveland, O.
Chicago Faucet Co. ("Chi-Fau-Co.," Self-Closing), 2712 N Crawford av, Chicago, Ill.
Columbia Brass Co. (China Index), Detroit, Mich.
Cooper Sanitary Mfg. Co. (Compression & Fuller), 34th & Chestnut, Phila., Pa.
Dearborn Brass Co. (Self-Closing), Cedar Rapids, Ia.
Dick Bros. (Inc.) ("Dick"), Reading, Pa.
Elgin Brass Co., 21 Park Row, New York
Eichman J. C. Mfg. Co., Bush & Wicomico, Baltimore, Md.
Empire Brass Mfg. Co., Cleveland, O.
Excelovalve Co. ("Excel-O Valve" Slow Closing), 1777 Broadway, New York
Federal Mfg. Co., 21 E Vanburen, Chicago, Ill.
Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
Haydenville Co. (Compression & Swing), Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
Hoffman & Billings Mfg. Co., 100 2d, Milwaukee, Wis.
Kelly & Jones Co. (Compression, etc.), 135 Water, Pittsburgh, Pa.
McCambridge Co., 20th & Wood, Phila., Pa.
McDonald A. Y. Mfg. Co. ("McDonald," Adjustable Right or Left Fuller), Dubuque, Ia.
McNab & Harlin Mfg. Co. (Compression, etc), 55 John, New York
McRae & Roberts Co. ("China Index Handle," Compression), 227 Campbell av, Detroit, Mich. *See adv index at end of book*
McShane Bell Foundry Co. (Compression & Self-Closing), Harford av & B. & O. R. R., Baltimore, Md.
Meyer-Sniffen Co., 11 W 36th, New York
Mott J. L. Iron Works, Trenton, N. J.
Mueller H. Mfg. Co. (Compression, Rapidac, Fuller & Self-Closing), Decatur, Ill.
Nopack Brass Mfg. Co. ("Nopack"), DuBois, Pa.

COCKS (BASIN)—continued

Peck Bros. & Co., New Haven, Conn.
Prier Brass Mfg. Co. ("Standard" Self-Closing & "Prier" Quick Compression), Kansas City, Mo.
Regar Co. ("Regar"), 1523 E. 45th, Cleveland, O.
Sherman H. B. Mfg. Co., Battle Creek, Mich.
Speakman Supply & Pipe Co. ("Speakman" Compression Faucet, China Mountings), Wilmington, Del.
Stebbins E. Mfg. Co. ("Broughton" Self-Closing), Springfield, Mass.
Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.

2801— Cocks (Bath)

American Brass Mfg. Co., 1521 E. 149th, Cleveland, O.
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
American Sanitary Mfg. Co. ("American-Fuller"), Abingdon, Ill.
Atkinson Co., Rochester, N. Y.
Bashlin Co. (Compression), Warren, Pa.
Burlington Brass Works (Fuller), Burlington, Wis.
Central Brass Mfg. Co. ("Quick-Pression" Faucets), 6206 Cedar, Cleveland, O.
Cooper Sanitary Mfg. Co. (Compression & Fuller), 34th & Chestnut, Phila., Pa.
Dearborn Brass Co., Cedar Rapids, Ia.
Dick Bros. (Inc.), ("Fuller"), Reading, Pa.
Edwardsville Brass Co., Edwardsville, Ill.
Elgin Brass Co., 21 Park Row, New York
Empire Brass Mfg. Co., Cleveland, O.
Findeisen & Kropf Mfg. Co. (Fuller), 2559 W 21st, Chicago, Ill.
Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
Hays Mfg. Co., Erie, Pa.
Hoffman & Billings Mfg. Co., 100 2d, Milwaukee, Wis.
McCambridge Co., 20th & Wood, Phila., Pa.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
McShane Bell Foundry Co. (Compression Double), Harford av & B. & O. R. R., Baltimore, Md.
Mott J. L. Iron Works, Trenton, N. J.
Mueller H. Mfg. Co. (Compression, Rapidac & Fuller), Decatur, Ill.
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
Northern Brass Mfg. Co. (Double, etc.), Waukegan, Ill.
Rundle Mfg. Co. (Fuller & Compression), 27th & Wahl, Milwaukee, Wis.
Trenton Brass & Machine Co. (Compression), Trenton, N. J.
Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.

2802— *Cocks (Bibb Nose)

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Schwander Brass Mfg. Co., 823 N. 8th, St. Louis, Mo.

2803— Cocks (Blow-Off)

Berkshire Mfg. Co. (For Foundry Use), Whitney Power blk, Cleveland, O.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Crosby Steam Gage & Valve Co. ("Johnstone"), 40 Central, Boston, Mass.
Eaton & Hertz, Bowles bldg, Detroit, Mich.
Homestead Valve Mfg. Co., Pittsburgh, Pa.
Judson Governor Co., Rochester, N. Y.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Nathan Mfg. Co. (For Locomotive), 416 E 106th, New York
O'Malley-Beare Valve Co. ("Multiplate"), Railway Exch bldg, Chicago, Ill.
Pittsburgh Valve Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pratt & Cady Co. ("P. & C."), Hartford, Conn.
Whitehead Bros. Co. (For Foundry Use), 537 W 27th, New York

2803a— Cocks (Brass)

20th Cent. Brass Wks., Belleville, Ill.

2804— Cocks (Clay Press)

Trenton Brass & Machine Co. (For "Watson" & "Belfield" Clay Presser), Trenton, N. J.

2805— Cocks (Cooler)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Haydenville Co., Haydenville, Mass.
National Brass Mfg. Co., Rochester, N. Y.
Rose Mfg. Co., 16 E. 33d, New York

2806— Cocks (Corporation)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Buckeye Iron & Brass Works, Dayton, O.
Campbell J. B. Brass Works, Erie, Pa.
Cleveland Brass Mfg. Co. ("Clebra"), 4606 Hamilton, Cleveland, O.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Darling Pump & Mfg. Co., Ltd., Williamsport, Pa.
Elkhart Brass Mfg. Co. (Stop), Elkhart, Ind.
Everhart Brass Works, Scranton, Pa.
Farnan Brass Works Co., 1105 Center, Cleveland, O.
Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Hamilton Jno. Brass Works, Bridgeport, Conn.
Hamlin & Emery Brass Co., 49 Island, Boston, Mass.
Haydenville Co., Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
Healey Peter, Evansville, Ind.
Homer Brass Works, 231 Race, Phila., Pa.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Kinsey & Mahler Co., Peoria, Ill.
Kitson Co. ("Kitson"), 2819 Oakford, Phila., Pa.
Lamp & Miller Mfg. Co., 382 4th, Milwaukee, Wis.
Landers, Frary & Clark, New Britain, Conn.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McCambridge Co., 20th & Wood, Phila, Pa.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
McNab & Harlin Mfg. Co., 55 John, New York
Meyer-Sniffen Co., 11 W 36th, New York
Mueller H. Mfg. Co., Decatur, Ill.
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
Ohio Pump & Brass Co., Columbus, O.
Peck Bros. & Co., New Haven, Conn.
Pioneer Brass Works, Indianapolis, Ind.
Prier Brass Mfg. Co., Kansas City, Mo.
Rundle-Spence Mfg. Co., 63 2d, Milwaukee, Wis.
Smith A. P. Mfg. Co. (Also Curb), E. Orange, N. J.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Stebbins E. Mfg. Co., Springfield, Mass.
Union Water Meter Co., Worcester, Mass.
Walworth Mfg. Co., Boston, Mass.
Weir & Craig Mfg. Co., 2439 Wallace, Chicago, Ill.
Wolff L. Mfg. Co., 111 N. Dearborn, Chicago, Ill.

2807—Cocks (Cream Separator)

Haydenville Co., Haydenville, Mass.
Landers, Frary & Clark, New Britain, Conn.
McRae & Roberts Co., 227 Campbell av, Detroit, Mich. *See adv index at end of book*
National Brass Mfg. Co., Rochester, N. Y.
Standard Brass Works, 97 Wight, Detroit, Mich.

2808— Cocks (Curb)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
Hays Mfg. Co., Erie, Pa.
Jarecki Mfg. Co., Erie, Pa.
Mueller H. Mfg. Co., Decatur, Ill.
Rockford Brass Works, Rockford, Ill.

2809— Cocks (Cylinder)

American Safety Lamp & Mine Supply Co, (Locomotive), Scranton, Pa.
Buckeye Iron & Brass Works (Also With Connecting Handle, etc), Dayton, O.
Detroit Brass Works, Detroit, Mich.
Edna Brass Mfg. Co. (Locomotive Cylinder), Cincinnati, O.
Hancock Inspirator Co. (Pneumatic), 119 W 40th, New York
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McNab & Harlin Mfg. Co., 55 John, New York
McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.
See adv index at end of book
Michigan Lubricator Co., Detroit, Mich.
Nathan Mfg. Co. (Cylinder & Drain for Locomotives), 416 E. 106th, New York
Powell Wm. O. (Tee Handle & L Handle, Traction Engine, etc), Cincinnati, O.
Roberts Brass Mfg. Co., Detroit, Mich.
Sterling & Skinner Mfg. Co., 2672 E Grand blvd, Detroit, Mich.
Watertown Specialty Co. ("Watertown" Automatic Drain), Watertown, N. Y.

2810— Cocks (Dial)

Essex G. B. Brass Co. ("Essex"), Detroit, Mich.
Hays Mfg. Co., Erie, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

2811— Cocks (Drain)

Frasse Peter A. & Co., Inc. ("Britton"), 417 Canal, New York
See adv index at end of book
Homestead Valve Mfg. Co., Pittsburgh, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

2812— Cocks (Filter Press)

Haydenville Co., Haydenville, Mass.
Johnson John Co., 203 37th, B'klyn, N. Y.
McRae & Roberts Co., 227 Campbell av, Detroit, Mich. *See adv index at end of book*
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

2813— Cocks (Float)

Homestead Valve Mfg. Co., Pittsburgh, Pa.

2814— *Cocks (Four-Way)

Crane Co., 836 S. Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

2815— Cocks (Gas Engine)

Haydenville Co., Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

2816— Cocks (Gas Meter)

American Foundry & Mfg. Co., 11th & Hebret, St. Louis, Mo.
Buckeye Iron & Brass Works, Dayton, O.
Campbell J. B. Brass Works, Erie, Pa.
Crane Co., Bridgeport, Conn.
Elkhart Brass Mfg. Co., Elkhart, Ind.
Glauber Brass Mfg. Co., 49th & Superior av, N E, Cleveland, O.
Haydenville Co., Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
Kelly & Jones Co. (Brass), 135 Water, Pittsburgh, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McNab & Harlin Mfg. Co., 55 John, N. Y.
McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.
See adv index at end of book
Mueller H. Mfg. Co., Decatur, Ill.
Powell Wm. Co, Cincinnati, O.
Rockford Brass Works (Lock Wing Union), Rockford, Ill.
Stebbins E. Mfg. Co., Springfield, Mass.
Utica Valve & Fixture Co., Utica, N. Y.

2817— Cocks (Gas Service)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Belfield H. Co., 435 N Broad, Phila., Pa.
Boston Steam Specialty Co., 332 A, Boston, Mass.
Buckeye Iron & Brass Works, Dayton, O.
Campbell J. B. Brass Works, Erie, Pa.
Cleveland Brass Mfg. Co. ("Clebra"), 4606 Hamilton, Cleveland, O.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Detroit Brass Works, Detroit, Mich.
Elkhart Brass Mfg. Co., Elkhart, Ind.
Everhart Brass Works, Scranton, Pa.
Exeter Brass Works, Exeter, N. H.
Farnan Brass Works Co., 1105 Center, Cleveland, O.
Flannery J. P. Co., New Britain, Conn.
Glauber Brass Mfg. Co., 49th & Superior av, N E, Cleveland, O.
Hamlin & Emery Brass Co., 49 Island, Boston. Mass.
Haydenville Co., Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
Healey Peter, Evansville, Ind.
Hoffman & Billings Mfg. Co., 100 2nd, Milwaukee, Wis.
Homer Brass Works, 231 Race, Phila., Pa.
Jarecki Mfg. Co., Erie, Pa.
Kelly & Jones Co. (Brass), 135 Water, Pittsburgh, Pa.
Kinsey & Mahler Co., Peoria, Ill.
Kitson Co. ("Kitson"), 2819 Oakford, Phila., Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McCambridge Co., 20th & Wood, Phila., Pa.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
McMann & Taylor Co., 104 John, New York
See ad index at end of book
McNab & Harlin Mfg. Co., 55 John, N. Y.
McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.
See adv index at end of book
Meyer-Sniffen Co., 11 W 36th, New York
Morgan Mfg. Co., Newport, R. I.
Mueller H. Mfg. Co., Decatur, Ill.
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
National Supply Co., Toledo, O.
Nichol Thos. J. & Co., Pearl & Ludlow, Cincinnati, O.
Ohio Pump & Brass Co., Columbus, O.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Peck Bros. & Co., New Haven, Conn.
Perkes Chas. (Est. of), 627 Arch, Phila., Pa.
Powell Wm. Co., Cincinnati, O.
Queen City Brass & Iron Works, Cincinnati, O.
Rockford Brass Works, Rockford, Ill.
Rundle-Spence Mfg. Co., 63 2d, Milwaukee, Wis.
Simmons John Co., 110 Centre, New York
Smith A. P. Mfg. Co., East Orange, N. J.
Stebbins E. Mfg. Co., Springfield, Mass.
Sterling & Skinner Mfg. Co., 2672 E Grand blvd, Detroit, Mich.
Union Brass & Metal Mfg. Co., Lawson & Macubin, St. Paul, Minn.
Utica Valve & Fixture Co., Utica, N. Y.
Walworth Mfg. Co., Boston, Mass.
Weir & Craig Mfg. Co., 2439 Wallace, Chicago, Ill.
Wolff L. Mfg. Co., 111 N Dearborn, Chicago, Ill.

818— Cocks (Gas Stove)

merican Brass & Copper Co., 138 Lafayette, New York
etroit Brass Works, Detroit, Mich.
ays Mfg. Co., Erie, Pa.
cRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.
See adv index at end of book
ueller H. Mfg. Co., Decatur, Ill.
oberts Brass Mfg. Co., Detroit, Mich.
ockford Brass Works, Rockford, Ill.
andard Brass Works, 97 Wight, Detroit, Mich.
ebbins E. Mfg. Co., Springfield, Mass.
ica Valve & Fixture Co., Utica, N. Y.

19—Cocks (Gasoline Shut-Off)

mestead Valve Mfg. Co., Pittsburgh, Pa.
perial Brass Mfg. Co., 524 S Racine av, Chicago, Ill. *See adv index at end of book*

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Powell Wm. Co., Cincinnati, O.

2820— Cocks (Gauge)

AMERICAN SAFETY LAMP & MINE SUPPLY CO. ("Scranton" Self-Closing), Scranton, Pa.
American Steam Gauge & Valve Mfg. Co. ("American," "Bonar"), 208 Camden, Boston, Mass.
Ashcroft Mfg. Co. (Locomotives, etc), 119 W 40th, New York
Ashton Valve Co., 161 First, Cambridge, Mass.
Belfield H. Co., 435 N Broad, Phila., Pa.
Belknap Mfg. Co., Bridgeport, Conn.
Bordo L. J. Co., 12th & Thompson, Phila., Pa.
Buckeye Iron & Brass Works (Ball, Compression, Mississippi, etc), Dayton, O.
Cadman A. W. Mfg. Co. ("Indestructible" High Pressure, etc.), 2816 Smallman, Pittsburgh, Pa.
Capitol Brass Works (Compression), Detroit, Mich.
Chaplin-Fulton Mfg. Co. ("Bingham's" Self-Grinding), 34 Penn av, Pittsburgh, Pa.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
Detroit Brass Works, Detroit, Mich.
Edna Brass Mfg. Co. (Steam, with Union), Cincinnati, O.
Everhart Brass Works (Improved Ball), Scranton, Pa.
Fewlass-Leese Brass & Iron Co., 610 E Front, Cincinnati, O.
Hall Mfg. Co., Harrison, N. J.
Hamlin & Emery Brass Co., 49 Island, Boston, Mass.
Haydenville Co., Haydenville, Mass.
Hills, McCanna Co. (High Pressure), 153 W Kinzie, Chicago, Ill.
Huyette Paul B. Co. ("P. B. H." Quick Opening, Self-Closing, Weighted), 5 S 18th, Phila., Pa.
Jarecki Mfg. Co. ("Pet"), Erie, Pa.
Jenkins Bros., 80 White, New York
JERGUSON GAGE & VALVE CO. (Standard & to Specification), 358 Atlantic av, Boston, Mass.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Kinsey & Mahler Co., Peoria, Ill.
Lonergan J. E. Co. (Locomotive, Compression, Weighted, etc), 211 Race, Phila., Pa.
LUNKENHEIMER CO. ("Excelsior"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McNab & Harlin Mfg. Co. (Steam), 55 John, New York
McRAE & ROBERTS CO. ("Victor," "Acme," "Little Giant" & "Mississippi" Gauge Ball), 227 Campbell av, Detroit, Mich. *See adv index at end of book*
Marion Machine, Foundry & Supply Co. "Alexander"), Marion, Ind.
Marsh Jas. P. & Co., 118 S Clinton, Chicago, Ill.
Michigan Lubricator Co. ("Michigan" Compression Chain Lever, etc), Detroit, Mich.
NASON MFG. CO. ("Aetna" Double Ball Seat), 71 Fulton, New York
See adv index at end of book
Nathan Mfg. Co. ("Tee's," etc., for Locomotives), 416 E. 106th, New York
National Brass Mfg. Co., Rochester, N. Y.
Northern Tool Co. (Safety), Utica, N. Y.
O'Malley-Beare Valve Co. ("Multiplate"), Railway Exchange bldg, Chicago, Ill.
Ohio Brass Co. ("O. B."), Mansfield, O.
Ohio Injector Co., Wadsworth, O.
Patterson-Allen Engineering Co. ("Everlasting"), 2 Rector, New York
Peck Bros. & Co., New Haven, Conn.
Perkes Chas. (Est. of), 627 Arch, Phila., Pa.
Pittsburgh Gage & Supply Co. ("Pittsburgh" Rotating & "Gaco" take down), 30th & Liberty av, Pittsburgh, Pa.
Powell Wm. Co. (Ball, Compression, Regrinding & "Bingham" Self-Grinding Rotating, "Mississippi"), Cincinnati, O.
Pratt & Cady Co. ("P. & C."), Hartford, Conn.
Queen City Brass & Iron Works, Cincinnati, O.
Reliance Gauge Column Co. ("Reliance" Lever Chain), Cleveland, O.
Rich Mfg. Co. ("Hoyt" Self-Closing), 370 Atlantic av, Boston, Mass.
Roberts Brass Mfg. Co., Detroit, Mich.
Rundle-Spence Mfg. Co., 63 2nd, Milwaukee, Wis.
"S.-C." REGULATOR MFG. CO. ("S.-C."), Valveless), Fostoria, O.
Sherwood Mfg. Co. ("Felthousen," "Buffalo," also Compression), 1709 Elmwood, Buffalo, N. Y.
Standard Brass Works, 97 Wight, Detroit, Mich.
Star Brass Mfg. Co. ("Hoytt"), 108 E Dedham, Boston, Mass.
Sterling & Skinner Mfg. Co., 2672 E Grand blvd, Detroit, Mich.
Swift Lubricator Co., Elmira, N. Y.
United States Gauge Co. (Steam Gauge & Syphon), 67 Wall, New York
Walworth Mfg. Co., Boston, Mass.
Williams Gauge Co. ("Williams" Rotating & Regrinding & "Ball Type"), 543 4th av, Pittsburgh, Pa.
Witbonco Mfg. Co., 24 Porter, Boston, Mass.
Wright Mfg. Co., 97 Woodbridge W, Detroit, Mich.

2820a— Cocks (Hard Lead)

United Lead Co., 111 B'way, New York

2821— Cocks (Hard Rubber)

American Hard Rubber Co. (For Chemical & Dye Works), 9 Mercer, New York

Cocks (Hopper)

See Valves, Hopper

2822— Cocks (Hose)

American Brass & Copper Co., 138 Lafayette, New York
Buckeye Iron & Brass Works, Dayton, O.
Detroit Brass Works, Brooklyn & Belt Line, Detroit, Mich.
Flannery P. J. Co. (Brass Hose Bibbs, for Iron Pipe), New Britain, Conn.
Haydenville Co., Heydenville, Mass.
Hays Mfg. Co., Erie, Pa.
Knox Mfg. Co., 821 Cherry, Phila., Pa.
McNab & Harlin Mfg. Co., 55 John, New York
McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.
See adv index at end of book
Standard Brass & Iron Works (For Brewers, etc), 1820 St. Paul av, Milwaukee, Wis.

2823— Cocks (Hydrant)

American Foundry & Mfg. Co. (Compression & Ground Key), 11th & Herbert, St. Louis, Mo.
Detroit Brass Works (Ground Key), Detroit, Mich.
Glauber Brass Mfg. Co., 49th & Superior av, N E, Cleveland, O.
Kinsey & Mahler Co., Peoria, Ill.
McNab & Harlin Mfg. Co., 55 John, New York
McShane Bell Foundry Co. (Compression), Harford av & B. & O. R. R., Baltimore, Md.

2824— Cocks (Indicator)

American Lubricator Co. (Three-Way for Engine Cylinders), Summit & Wabash Ry, Detroit, Mich.
American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
Hays Mfg. Co., Erie, Pa.
Lonergan J. E. Co. (Three-Way), 211 Race, Phila., Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McNab & Harlin Mfg. Co., 55 John, New York
McRae & Roberts Co., 227 Campbell av, Detroit, Mich.
See adv index at end of book
Michigan Lubricator Co. ("Michigan" Three-Way), Detroit, Mich.
Powell Wm. Co. (Dialed, for Throttler Gas & Gasoline Engines), Cincinnati, O.

COCKS (INDICATOR)—continued

Sherwood Mfg. Co. (Three-Way), 1709 Elmwood, Buffalo, N. Y.
Star Brass Mfg. Co. ("Star" Three-Way), 108 E Dedham, Boston, Mass.
Trill Indicator Co. (Straight & Three-Way), Corry, Pa.

2825— Cocks (Inverted Key)

American Fdry. & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Central Brass Mfg. Co., 6206 Cedar, Cleveland, O.
Glauber Brass Mfg. Co., 49th & Superior av, N E, Cleveland, O.
Hays Mfg. Co., Erie, Pa.
Monarch Brass Co., Cleveland, O.

2826—Cocks (Lead Lined Iron)

Lead Lined Iron Pipe Co., Wakefield, Mass.

2827— Cocks (Liquor)

Best W. N., Inc. ("Calorex" Oil Cocks), 11 B'way, New York
Buckeye Iron & Brass Works, Dayton, O.
Hall Mfg. Co., Harrison, N. J.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McRae & Roberts Co. (Oil Cocks), 227 Campbell av, Detroit, Mich.
See adv index at end of book

2828— Cocks (Locking)

American Fdry. & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Haydenville Co. (Compression), Haydenville, Mass.
Hayes Mfg. Co. (Wing), Erie, Pa.
Homestead Valve Mfg. Co. ("Homestead"), Pittsburgh, Pa.
Jarecki Mfg. Co., Erie, Pa.
Landers, Frary & Clark, New Britain, Conn.
LUNKENHEIMER CO. Executive offices & factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Wilton Mfg. Co. ("Wilton"), Wrightsville, Pa.

Cocks (Locomotive Cylinder)

See Cocks, Cylinder

2829— Cocks (Milk Can)

Hall Mfg. Co., Harrison, N. J.
Haydenville Co., Haydenville, Mass.
Landers, Frary & Clark, New Britain, Conn.
National Brass Mfg. Co., Rochester, N. Y.

2830— Cocks (Natural Gas)

American Fdry. & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Buckeye Iron & Brass Works, Dayton, O.
Campbell J. B. Brass Works, Erie, Pa.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Glauber Brass Mfg. Co., 49th & Superior av, N E, Cleveland, O.
Hays Mfg. Co., Erie, Pa.
LUNKENHEIMER CO. Executive offices & factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McRae & Roberts Co., 227 Campbell av, Detroit, Mich. *See adv index at end of book*

2831—Cocks (Newport Pattern)

Campbell J. B. Brass Works, Erie, Pa.
Central Brass Mfg. Co., 6206 Cedar, Cleveland, O.
Glauber Brass Mfg. Co., 49th & Superior av, N E, Cleveland, O.
Haydenville Co., Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
McNab & Harlin Mfg. Co., 55 John, New York
Mueller H. Mfg. Co., Decatur, Ill.
Stebbins E. Mfg. Co., Springfield, Mass.
Walworth Mfg. Co., Boston, Mass.

Cocks (Oil)

See Cocks, Liquor

2832— Cocks (Oil Wagon)

Haydenville Co., Haydenville, Mass.
National Brass Mfg. Co., Rochester, N. Y.
Powell Wm. Co., 2525 Spring Grove av, Cincinnati, O.
Wilton Mfg. Co., Wrightsville, Pa.

2833— Cocks (Plug)

Best W. N., Inc. ("Calorex"), 11 B'way, New York
Eastwood Wire Mfg. Co. (Bronze), Belleville, N. J.
Hays Mfg. Co., Erie, Pa.
Judson Governor Co. (Asbestos Packed, Iron, Brass or Aluminum), Rochester, N. Y.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
LUNKENHEIMER CO. (Packed), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McNab & Harlin Mfg. Co., 55 John, New York
McRae & Roberts Co., 227 Campbell av, Detroit, Mich. *See adv index at end of book*
Pacific Foundry Co., 18th & Harrison, San Francisco, Cal.
Pratt & Cady Co. ("P & C," Asbestos Packed), Hartford, Conn.
Watson, Frye & Co. (Acid Proof), Bath, Me.

Cocks (Priming)

See Cups, Priming

2834— Cocks (Refrigerator)

Haydenville Co., Haydenville, Mass.
Landers, Frary & Clark, New Britain, Conn.
National Brass Mfg. Co., Rochester, N. Y.
National Refrigerator & Fixture Co., 8th & Park, St. Louis, Mo.
Peck Bros. & Co., New Haven, Conn.

2835— Cocks (Relief)

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McRae & Roberts Co., 227 Campbell av, Detroit, Mich. *See adv index at end of book*
Powell Wm. Co., Cincinnati, O.
Pratt & Cady Co. ("P & C," Asbestos Packed), Hartford, Conn.
Roberts Brass Mfg. Co., Detroit, Mich.

2836—Cocks (Rock Drill Air)

Jarecki Mfg. Co., Erie, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

2837— Cocks (Ship)

Bishop's Wm. Sons, 18 James, New York
Sands Alfred B. & Son Co., 20 Vesey, New York

2838—Cocks (Soda Fountain)

Hall Mfg. Co., Harrison, N. J.
Haydenville Co., Haydenville, Mass.
Northwestern Copper & Brass Works, 59 W 3d, St. Paul, Minn.

2839— *Cocks (Spring Key)

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

2840— Cocks (Steam)

Belfield H. Co., 435 N Broad, Phila., Pa.
Bordo L. J. Co., 12th & Thompson, Phila., Pa.
Buckeye Iron & Brass Works (and Steam Gauge), Dayton, O.
Campbell J. B. Brass Works, Erie, Pa.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
Detroit Brass Works (Also Service), Brooklyn & Belt Line, Detroit, Mich.
Eastwood Wire Mfg. Co., Belleville, N. J.
Everhart Brass Works, 422-424 Penn av, Scranton, Pa.
Fewlass-Leen Brass & Iron Co., 610 E. Front, Cincinnati, O.
Flannery P. J. Co. (Brass), New Britain, Conn.
General Fire Extinguisher Co. (Brass), 275 W Exchange, Providence, R. I.
Glauber Brass Mfg. Co., 49th & Superior av, Cleveland, O.
Hamlin & Emery Brass Co., 49 Island, Boston, Mass.
Haydenville Co., Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
Healey Peter, Evansville, Ind.
Hoffmann & Billings Mfg. Co., 100 2nd, Milwaukee, Wis.
Homestead Valve Mfg. Co., Pittsburgh, Pa.
Jarecki Mfg. Co., Erie, Pa.
Judson Governor Co. (Asbestos Packed), Rochester, N. Y.
Kinsey & Mahler Co. ("K. & M. Co.," Brass), Peoria, Ill.
Lamp & Miller Mfg. Co., 382 4th, Milwaukee, Wis.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Lonergan J. E. Co., 211 Race, Phila., Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McCambridge Co., 20th & Wood, Phila., Pa.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
McNab & Harlin Mfg. Co. (Brass & Iron), 55 John, New York
McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.
See adv index at end of book
Michigan Lubricator Co., Detroit, Mich.
Mueller H. Mfg. Co., Decatur, Ill.
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
Nichol Thos. J. & Co., Pearl & Ludlow, Cincinnati, O.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Peck Bros. & Co., New Haven, Conn.
Perkes Charles (Est. of), 627 Arch, Phila., Pa.
Pittsburgh Brass Mfg. Co., Pittsburgh, Pa.
Powell Wm. Co. ("Powell Patent Guard," Plain, Three-Way, Light & Heavy Patterns, Cincinnati, O.
Pratt & Cady Co. ("P. & C.," Asbestos Packed), Hartford, Conn.
Queen City Brass & Iron Works, Cincinnati, O.
Roberts Brass Mfg. Co., Detroit, Mich.
Simmons John Co., 110 Centre, New York
Standard Brass Works, 97 Wight, Detroit, Mich.
Weir & Craig Mfg. Co., 2439 Wallace, Chicago, Ill.
Wilfert John Co. (Brass), 258 B'way, New York

2841—Cocks (Stop & Waste)

Allyne Brass Foundry Co., 207 Crawford, Detroit, Mich.
American Brass Mfg. Co., 1521 E 49th, Cleveland, O.
American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Asbell S. J. Co., Paterson, N. J.
Bashlin Co. (Compression & Self-Closing Hop Cocks Only), Warren, Pa.
Belknap Mfg. Co. (Draw-off), Bridgeport, Conn.
Boston Steam Specialty Co., 332 A, Boston, Mass.
Buckeye Iron & Brass Works, Dayton, O.
Campbell J. B. Brass Works (Compression), Erie, Pa.
Central Brass Mfg. Co., 6206 Cedar av, S E, Cleveland, O.
Cleveland Brass Mfg. Co. ("Clebra" Anti-Freezing), 4606 Hamilton, Cleveland, O.
Columbia Brass Co., 90 Park pl, Detroit, Mich.
Cooper Sanitary Mfg. Co., 34th & Chestnut, Phila., Pa.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
D. C. Mfg. Co. ("Canton" Compression), Canton, O.
Detroit Brass Works, Brooklyn & Belt Line, Detroit, Mich.
Edwardsville Brass Co., Edwardsville, Ill.
Empire Brass Mfg. Co., Cleveland, O.
Exeter Brass Works, Exeter, N. H.
Farnan Brass Works Co., 1105 Center, N W, Cleveland, O.
Flannery P. J. Co. ("P. J. F."), New Britain, Conn.
Glauber Brass Mfg. Co., 49th & Superior av, Cleveland, O.

Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Hamilton Jno. Brass Works, Bridgeport, Conn.
Hamlin & Emery Brass Co. ("Newport" & "Fitchburg"), 49 Island, Boston, Mass.
Haydenville Co., Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
Healey Peter, Evansville, Ind.
Hercules Iron & Supply Co., 473 Atlantic av, Boston, Mass.
Hoffmann-Billings Mfg. Co., 100 2nd, Milwaukee, Wis.
Homer Brass Works, 231 Race, Phila., Pa.
Jarecki Mfg. Co., Erie, Pa.
Jost's Edmund Sons, 48 Dickerson, Newark, N. J.
Kelly Thos. & Bros. ("Kelly"), 404 S Kolmar av, Chicago, Ill.
Kelly & Jones Co. ("Universal"), 135 Water, Pittsburgh, Pa.
Kinsey & Mahler Co., Peoria, Ill.
Kitson Co. ("Kitson" Compression, etc.), 2819 Oakford, Phila., Pa.
Knox Mfg. Co. (Pneumatic Hose Stop Cocks), 821 Cherry, Phila., Pa.
Kupferle Jno. C. Foundry Co., 1st & Wright, St. Louis, Mo.
Lamp & Miller Mfg. Co., 382 4th, Milwaukee, Wis.
Landers, Frary & Clark ("Simplex"), New Britain, Conn.
Lead Lined Iron Pipe Co. (Lead Lined Iron), Wakefield, Mass.
LUNKENHEIMER CO. (Stop Only), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McDonald A. Y. Mfg. Co., Dubuque, Ia.
McMANN & TAYLOR CO., 104 John, New York. *See adv index at end of book*
McNab & Harlin Mfg. Co., 55 John, New York
McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.
See adv index at end of book
McShane Bell Foundry Co. (Compression), Harford av & B. & O. R. R., Baltimore, Md.
Meyer-Sniffen Co., 11 W 36th, New York
Milwaukee Brass Mfg. Co. (Fuller & Compression), 251 Lapham, Milwaukee, Wis.
Mott J. L. Iron Works, Trenton, N. J.
Mueller H. Mfg. Co., Decatur, Ill.
Nelson N. O. Mfg. Co. (Compression), 10th & Chestnut, St. Louis, Mo.
Nichol Thos. J. & Co., Pearl & Ludlow, Cincinnati, O.
Ohio Pump & Brass Co., Columbus, O.
Park & McKay, 55 Bagley av, Detroit, Mich.
Peck Bros. & Co., New Haven, Conn.
Perkes Chas. (Est. of), 627 Arch, Phila., Pa.
Pioneer Brass Works, Indianapolis, Ind.
Powell Wm. Co., Cincinnati, O.
Prier Brass Mfg. Co. ("Standard"), Kansas City, Mo.
Richter & Co., 210 E 9th, Cincinnati, O.
Rockford Brass Works, Rockford, Ill.
Rundle-Spence Mfg. Co., 63 2nd, Milwaukee, Wis.
Ryan J. J. & Co., 104 S Jefferson, Chicago, Ill.
Savill's Thos. Sons, 1310 Wallace, Phila., Pa.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Stebbins E. Mfg. Co., Springfield, Mass.
Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.
United Brass Mfg. Co., 3844 Hamilton av, Cleveland, O.
Utica Valve & Fixture Co., Utica, N. Y.
Walworth Mfg. Co., Boston, Mass.
Webb F. W. Mfg. Co., 56 Elm, Boston, Mass.
Weir & Craig Mfg. Co., 2439 Wallace, Chicago, Ill.
Western Brass Mfg. Works, Marshall blvd & W. 21st, Chicago, Ill.
Wolff L. Mfg. Co., 111 No. Dearborn, Chicago, Ill.
Zero Valve & Brass Mfg. Co., Buffalo, N. Y.

42— Cocks (Three-Way)

Buckeye Iron & Brass Works (Brass), Dayton, O.
Keys Mfg. Co., Erie, Pa.
Homestead Valve Mfg. Co., Pittsburgh, Pa.
Kitson Governor Co. (Asbestos Packed), Rochester, N. Y.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Michigan Lubricator Co., Detroit, Mich.
Mott J. L. Iron Wks., Trenton, N. J.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. RR., Pittsburgh, Pa.
Pratt & Cady Co. ("P. & C." Asbestos Packed), Hartford, Conn.
Standard Brass & Iron Works (Male or Female Connections), 1820 St. Paul av, Milwaukee, Wis.
Star Brass Mfg. Co. ("Star" For Indicator Use), 108 E Dedham, Boston, Mass.
Thompson Richard & Co., 126 Liberty, New York
Trill Indicator Co. (Indicator), Corry, Pa.

2843— Cocks (Throttle)

Homestead Valve Mfg. Co., Pittsburgh, Pa.
LUNKENHEIMER CO. (Oil-Air), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book

2844—Cocks (Traction Engine)

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.
See adv index at end of book

2845— Cocks (Tuyere)

Pittsburgh Piping & Equipment Co., 35th & Charlotte, Pittsburgh, Pa.
Pittsburgh Valve Foundry & Construction Co. ("Atwood" Brass Cast), 26th & A. V. R. R., Pittsburgh, Pa.

2846— Cocks (Worm & Gear)

Judson Governor Co., Rochester, N. Y.
Pratt & Cady Co. ("P. & C."), Hartford, Conn.

2847—Cocks & Bibbs (Compression)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Bashlin Co., Warren, Pa.
Burlington Brass Works, Burlington, Wis.
Campbell J. B. Brass Works, Erie, Pa.
Central Brass Mfg. Co. ("Quick Pression" Faucets), 6206 Cedar av, S E, Cleveland, O.
Clark Cadle Harmon Corp., Rochester, N. Y.
Cleveland Brass Mfg. Co. ("Clebra"), 4606 Hamilton, Cleveland, O.
Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
Columbia Brass Co., 90 Park pl, Detroit, Mich.
Cooper Sanitary Mfg. Co., 34th & Chestnut, Phila., Pa.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Dalton-Ingersoll Mfg. Co., 52 Chauncy, Boston, Mass.
Dearborn Brass Co., Cedar Rapids, Ia.
Detroit Lubricator Co. ("Detroit"), Detroit, Mich.
DuBois Fred'k N & Co., 247 9th av, New York
Edwardsville Brass Co., Edwardsville, Ill.
Eichman J. C. Mfg. Co., Bush & Wicomico, Baltimore, Md.
Elgin Brass Co., 21 Park Row, New York
Empire Brass Mfg. Co. (Regular & Quick Compression), Cleveland, O.
Enterprise Hdwre. Mfg. Co., Frederick, Pa.
Exeter Brass Works, Exeter, N. H.
Farnan Brass Works Co., 1105 Center, N W, Cleveland, O.
Federal-Huber Co., 234 N Halsted, Chicago, Ill.
Glauber Brass Mfg. Co., 49th & Superior av, Cleveland, O.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Hamilton Jno. Brass Works, Bridgeport, Conn.
Haydenville Co., Haydenville, Mass.
Hays Mfg. Co. (Quick Opening, Basin & Bath Cocks, Also Bibbs), Erie, Pa.
Healey Peter, Evansville, Ind.
Hoffmann-Billings Mfg. Co., 100 2d, Milwaukee, Wis.
Homer Brass Works, 231 Race, Phila., Pa.
Humphryes Mfg. Co., Mansfield, O.
Judson Governor Co., Rochester, N. Y.
Kelly & Jones Co., 135 Water, Pittsbg., Pa.
Lamp & Miller Mfg. Co., 382 4th, Milwaukee, Wis.
Landers, Frary & Clark, New Britain, Conn.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McCambridge Co., 20th & Wood, Phila., Pa.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
McMann & Taylor Co., 104 John, New York
See ad index at end of book
McNab & Harlin Mfg. Co., 55 John, New York
McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.
See adv index at end of book
McShane Bell Foundry Co. ("McShane" Red Metal), Harford av & B. & O. R. R., Baltimore, Md.
Meyer-Sniffen Co., 11 W 36th, New York
Milwaukee Brass Mfg. Co., 251 Lapham, Milwaukee, Wis.
Mueller H. Mfg. Co., Decatur, Ill.
Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
Nopack Brass Mfg. Co. ("Nopack"), Dubois, Pa.
Peck Bros. & Co., New Haven, Conn.
Perkes Chas. (Est. of), 627 Arch, Phila., Pa.
Prier Brass Mfg. Co., Kansas City, Mo.
Regar Co. ("Regar"), 1523 E 45th, Cleveland, O.
Roberts Brass Mfg. Co., Detroit, Mich.
Rundle Mfg. Co., 27th & Wahl, Milwaukee, Wis.
Ryan J. J. & Co., 100 S Jefferson, Chicago, Ill.
Savill's Thomas Sons, 1310 Wallace, Phila., Pa.
Sherman H. B. Mfg. Co., Battle Creek, Mich.
Speakman Supply & Pipe Co., Wilmington, Del.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Stebbins E. Mfg. Co. ("Esco"), Springfield, Mass.
Sterling Brass Co., 4610 St. Clair av, Cleveland, O.
Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
Trenton Brass & Machine Co., Trenton, N. J.
Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.
Vulcan Brass Mfg. Co., 24 Noble Court, Cleveland, O.
Walworth Mfg. Co., Boston, Mass.
Weir & Craig Mfg. Co., 2439 Wallace, Chicago, Ill.
Weiskittel A. & Son Co., 12th & E Lambard, Baltimore, Md.
Western Brass Mfg. Works, Marshall blvd & W 21st, Chicago, Ill.
Wolff L. Mfg. Co., 111 No. Dearborn, Chicago, Ill.

2848—Cocks & Bibbs (Fuller Work)

Burlington Brass Works, Burlington, Wis
Clow Jas. B. & Sons, S. Franklin & Harrison, Chicago, Ill.
Columbia Brass Co., 90 Park pl, Detroit, Mich.
Cooper Sanitary Mfg. Co., 34th & Chestnut, Phila. Pa.
Dearborn Brass Co., Cedar Rapids, Ia.
Edwardsville Brass Co., Edwardsville, Ill
Exeter Brass Works, Exeter, N. H.
Federal-Huber Co., 234 N Halsted, Chicago, Ill.
Glauber Brass Mfg. Co., 49th & Superior av, Cleveland, O.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Haydenville Co., Haydenville, Mass.
Hoffmann-Billings Mfg. Co., 100 2d, Milwaukee, Wis.
Humphryes Mfg. Co., Mansfield, O.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
Lamp & Miller Mfg. Co., 382 4th, Milwaukee, Wis.
Landers, Frary & Clark, New Britain, Conn.
McDonald A. Y. Mfg. Co., Dubuque, Ia.

COCKS & BIBBS (FULLER WORK)—continued

Meyer-Sniffen Co., 11 W 36th, New York
Milwaukee Brass Mfg. Co., 251 Lapham, Milwaukee, Wis.
Milwaukee Valve Co., 139 Burrell, Milwaukee, Wis.
Mueller H. Mfg. Co., Decatur, Ill.
Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
Peck Bros. & Co., New Haven, Conn.
Regar Co. ("Regar"), 1523 45th, Cleveland, O.
Rundle Mfg. Co., 27th & Wahl, Milwaukee, Wis.
Ryan J. J. & Co. ("Faultless"), 100 S Jefferson, Chicago, Ill.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Stebbins E. Mfg. Co., Springfield, Mass.
Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.
Weir & Craig Mfg. Co., 2439 Wallace, Chicago, Ill.
Western Brass Mfg. Works, Marshall blvd & W 21st, Chicago, Ill.
Wolff L. Mfg. Co., 111 No. Dearborn, Chicago, Ill.

2849—Cocks & Bibbs (Ground Key)

Allyne Brass Foundry Co., 207 Crawford, Detroit, Mich.
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Asbell S. J. Co., Paterson, N. J.
Buckeye Iron & Brass Works, Dayton, O.
Campbell J. B. Brass Works, Erie, Pa.
Cleveland Brass Mfg. Co. (Cocks Only, "Clebra"), 4606 Hamilton, Cleveland, Ohio
Columbia Brass Co., 90 Park pl, Detroit, Mich.
Exeter Brass Works, Exeter, N. H.
Farnan Brass Works Co., 1105 Center, N W, Cleveland, O.
Federal-Huber Co., 234 N Halstead, Chicago, Ill.
Fisher E. W. Co., 811 Superior av, N E, Cleveland, O.
Glauber Brass Mfg. Co., 49th & Superior av, Cleveland, O.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Hall Mfg. Co., Harrison, N. J.
Haydenville Co., Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
Healey Peter, Evansville, Ind.
Hoffmann-Billings Mfg. Co., 100 2d, Milwaukee, Wis.
Homer Brass Works, 231 Race, Phila., Pa
Jost's Edmund Sons, 48 Dickerson, Newark, N. J.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Keystone Brass Co., Erie, Pa.
Kinsey & Mahler Co., Peoria, Ill.
Kitson Co. ("Kitson"), 2819 Oakford, Phila., Pa.
Lamp & Miller Mfg. Co., 382 4th, Milwaukee, Wis.
Landers, Frary & Clark, New Britain, Conn.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McDonald A. Y. Mfg. Co., Dubuque, Ia.
McNab & Harlin Mfg. Co., 55 John, New York
McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.
See adv index at end of book
Meyer-Sniffen Co., 11 W 36th, New York
Mott J. L. Iron Works, Trenton, N. J.
Mueller H. Mfg. Co., Decatur, Ill.
National Brass Mfg. Co. ("National"), Rochester, N. Y.
Nichol Thomas J. & Co., Pearl & Ludlow, Cincinnati, O.
Ohio Pump & Brass Co., Columbus, O.
Peck Bros. & Co., New Haven, Conn.
Powell Wm. Co., Cincinnati, O.
Queen City Brass & Iron Works, Cincinnati, O.
Regar Co. ("Regar"), 1523 E 45th, Cleveland, O.
Rundle-Spence Mfg. Co., 63 2d, Milwaukee, Wis.
Savill's Thos. Sons, 1310 Wallace, Phila., Pa.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Stebbins E. Mfg. Co., Springfield, Mass.
Walworth Mfg. Co., Boston, Mass.
Webb F. W. Mfg. Co., 56 Elm, Boston, Mass.
Western Brass Mfg. Works, Marshall blvd & W 21st, Chicago, Ill.
Weir & Craig Mfg. Co., 2439 Wallace, Chicago, Ill.
Wolff L. Mfg. Co., 111 No. Dearborn, Chicago, Ill.

2850—Cocks & Bibbs (Self-Closing)

American Automatic Machine Co., 22 Lovering, Boston, Mass.
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Barnstead Still & Sterilizer Co. (Automatic), 2 Lanesville Terr., Forest Hill, Boston, Mass.
See adv index at end of book
Bashlin Co., Warren, Pa.
Brookside Brass Fdry & Mfg. Co., 2315 Selzer av, S. W. Cleveland, O.
Chicago Faucet Co. ("Chi-Fau-Co." Quick Compression), 2712 N Crawford av, Chicago, Ill.
Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
Dalton-Ingersoll Mfg. Co., 52 Chauncy, Boston, Mass.
Dayton Mfg. Co., Dayton, O.
Dearborn Brass Co., Cedar Rapids, Ia.
DuBois Fred'k N & Co., 247 9th av, New York
Empire Brass Mfg. Co., Cleveland, O.
Exeter Brass Works, Exeter, N. H.
Federal-Huber Co. ("Watrous," "Perry," "Cornell"), 234 N Halsted, Chicago, Ill.
Gibson Bros. Mfg. Co., No. Chicago, Ill.
Glauber Brass Mfg. Co., 49th & Superior av, Cleveland, O.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Hoffman-Billings Mfg. Co., 100 2d, Milwaukee, Wis.
Kelly Thos. & Bros., 404 S. Kolmar av, Chicago, Ill.
Lamp & Miller Mfg. Co., 382 4th, Milwaukee, Wis.
Loeffelholz Co., 170 Clinton, Milwaukee, Wis.
McCambridge Co., 20th & Wood, Phila., Pa.
McShane Bell Foundry Co., Harford av, & B. & O. R. R., Baltimore, Md.
Meyer-Sniffen Co., 11 W 36th, New York
Michigan Lubricator Co., Detroit, Mich.
Milwaukee Brass Mfg. Co. ("Engel," "Peerless," "Telegraph"), 251 Lapham, Milwaukee, Wis.
Milwaukee Valve Co., 139 Burrell, Milwaukee, Wis.
Mueller H. Mfg. Co., Decatur, Ill.
Peck Bros. & Co. ("Moore's" "Dougherty," "Boston"), New Haven, Conn.
Perkes Chas. (Est. of), 627 Arch, Phila., Pa.
Prier Brass Mfg. Co., Kansas City, Mo.
Rundle-Spence Mfg. Co. ("Telegraph"), 63 2nd, Milwaukee, Wis.
Ryan J. J. & Co., 100 S Jefferson, Chicago, Ill.
Saville's Thos. Sons, 1310 Wallace, Phila., Pa.
Scoville E. U. Co., Manlius, N. Y
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Stebbins E. Mfg. Co. ("Broughton"), Springfield, Mass.
Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
Walsh Richard, 61 Wayne, Detroit, Mich.
Western Brass Mfg. Works, Marshall blvd & W 21st, Chicago, Ill.
Wolff L. Mfg. Co., 111 No. Dearborn, Chicago, Ill.
Young E. R. & Sons, Titusville, Pa.

2850a— Coffins, Caskets, Etc.

See also Burial Cases & Vaults

Albany Casket Co., Albany, N. Y.
American Casket Co., 519 Broome, New York
Andrews Isaac W. & Sons, South Woodstock, Me.
Arkansas Coffin Co., South Fort Smith, Ark.
Asbestos Burial Casket Co., Lowville, N. Y.
Ashton Casket Co., Easton, Pa.
Astoria Casket Co., 16 Chestnut, Long Island City, N. Y.
Atlanta Casket Co., Atlanta, Ga.
Atlantic Coffin & Casket Co., Rosehill, N. C.
Aurora Coffin Co., Aurora, Ind.
Baker-Brown Casket Co., Rochester, N. Y.
Bangor Casket Mfg. Co. (Hardwood & Overboxes), Bangor, Pa.
Batesville Casket Co. (Cloth & Hardwood), Batesville, Ind.
Belmont Casket Mfg. Co., Columbus, O.
Boston Burial Case Co., Somerville, Mass.
Boyertown Burial Casket Co. (Wood, Metal Finish & Covered), Boyertown, Pa.
Bristol Coffin & Casket Co., Bristol, Va.
Bristol Mfg. Co., Bristol, Vt.
Broussard Casket & Mfg. Co., New Iberia, La.
Brunswick Furniture Co., Brunswick, Md.
Buckingham N. & Co., Bridgeport, Conn.
Buckstaff Co., Oshkosh, Wis.
Burlington Coffin Co., Burlington, N. C.
Cadillac Casket Co., 214 Cherry, W Detroit, Mich.
California Casket Co., 959 Mission, San Francisco, Cal.
Cambridge City Casket Co. (Cloth Covered), Cambridge City, Ind.
Capital City Casket Co., Sacramento, Cal.
Casket Interment Box Co., 4854 N Clark, Chicago, Ill.
Central Casket Co., Buffalo, N. Y.
Charlotte Casket Co., Charlotte, N. C.
Chase Furniture & Coffin Co., Dallas, Tex.
Chattanooga Coffin & Casket Co., (Varnished Coffins & Varnished Cloth Covered Caskets), Chattanooga, Tenn.
Chicago Casket Co. (Metallic, Oak, Mahogany & Cloth Covered), 1106 S Canal, Chicago, Ill.
Cincinnati Coffin Co. (Wood, Metal & Cloth Covered Caskets), Richmond, Carr & Fillmore, Cincinati, O.
Clark Mfg. Co., Providence, R. I.
Clarksburg Casket Co., Clarksburg, W. Va.
Cleveland Burial Case Co., 2274 St. Clair av, N E, Cleveland, O.
Cleveland Coffin & Casket Co. (Wood), Cleveland, Tenn.
Columbus Casket Mfg. Co., Columbus, Ga.
Columbus Coffin Co. (Hard Wood & Cloth Covered Caskets), Columbus, O.
Constantine Casket Co., Constantine, Mich.
Coopersburg Casket Co., Coopersburg, Pa.
Crane & Breed Mfg. Co. (Wood, Cloth & Metallic), 1227 W 8th, Cincinnati, O.
Crawfordsville Casket Co., Crawfordsville, Ind.
Cream City Casket Co., 490 32d, Milwaukee, Wis.
Curtis Jas. C. & Co., 1222 W Van Buren, Chicago, Ill.
Dallas Coffin Co., Dallas, Texas
Dayton Casket Co., Dayton, O.
Decatur Coffin Co., Decatur, Ill.
Des Moines Casket Co. (Cloth Covered, Oak & Mahogany), Des Moines, Ia.
Detroit Casket Co., 185 Congress W, Detroit, Mich.
Drake-Merritt Casket Co., Constantine, Mich.
Dubuque Casket Co., Dubuque, Ia.
Eastern Casket Co., 421 W Camden, Baltimore, Md.
Elmira Casket Co., Elmira, N. Y.
Embalming Burial Case Co., Burlington, Ia.
Erie Burial Case Co., Erie, Pa.
Evansville Coffin Co., Evansville, Ind.
Fergus Casket Works, Fergus Falls, Minn.
Flood Edward F. & Co., 24 Essex, Newark, N. J.
Florence Furniture Co., Florence, Mass.
Franklin Coffin Works, 1326 Sycamore, Cincinnati, O.
Freedom Casket Co., Freedom, Pa.
Gainesville Planing & Coffin Co., Gainesville, Fla.
Gate City Coffin Co., Atlanta, Ga.
Globe Casket Mfg. Co., Kalamazoo, Mich.
Grade Casket Co. (Cloth & Plush Covered), 734 E 17th, Los Angeles, Cal.
Grand Rapids Casket Co., Grand Rapids, Mich.
Hall & Donahue Coffin Co., Knoxville, Tenn.
Harrisburg Burial Case Co. (Caskets), Harrisburg, Pa.
Hartford Burial Case Co., Hartford, Conn.
Hastings Casket Mfg. Co., Hastings, Minn.
Hay & Peabody Casket Co. (Cloth Covered), Woodford's Station, Portland, Me.
Hazleton Mfg. Co. (Oak, Mahogany & Cedar Caskets), Hazleton, Pa.
Hearne Bros. & Co., Whitakers, N. C.
Hill F. H. Co. (Cloth Covered Caskets), 944 Washington blvd, Chicago, Ill.
Hincks Jos. L. S., Oldtown, Me.
Hornthal & Co. (Oak, Mahogany, Chestnut & Cloth Covered Caskets), 1339 S Wabash av, Chicago, Ill.

Huntsville Coffin Co., Huntsville, Ark.
Hutton J. M. & Co., Richmond, Ind.
Illinois Casket Co. (Cloth Covered), 2330 W Van Buren, Chicago, Ill.
Indianapolis Casket Co., 521 W North, Indianapolis, Ind.
Inland Casket Co., Spokane, Wash.
Iowa Coffin Co. (Polished Hardwood & Cloth Covered Caskets), Dubuque, Ia.
Jackson Casket & Mfg. Co., Jackson, Miss.
Janton A. & J., 1410 N 11th, Phila., Pa.
Junction City Mfg. Co., Junction City, Ga.
Knoxville Coffin Co., Knoxville, Tenn.
Kregel Casket Co., 18th & Cass av, St. Louis, Mo.
Leesville Coffin & Casket Co. (Pine & Poplar Coffins & Cloth Covered), Leesville, S. C.
Lena Casket & Supply Co., Lena, Ill.
Lincoln Casket Co. (Hardwood, Metallic & Cloth Covered), Lincoln, Ill.
Lord & Caswell, Skowhegan, Me.
Los Angeles Casket Co., 639 Banning, Los Angeles, Cal.
Lowell Casket Mfg. Co., Lowell, Mass.
Lunenberg Mfg. Co., Lunenberg, Vt.
McNatt Coffin & Casket Co., Vidalia, Ga.
Manger E. C. & Son Co. (Cloth Covered Caskets & Varnished Coffins), Green Bay, Wis.
Marsellus John Casket Co., Syracuse, N. Y.
Mather S. W., 3227 W 25th, Cleveland, O.
Maulsby A. R., Everett, Wash.
Maxton Casket Co., Maxton, N. C.
Memphis Coffin Co., Memphis, Tenn.
Meredith Casket Co., Meredith, N. H.
Michigan Casket Co., 245 Rivard, Detroit, Mich.
Miller T. M. Co., Scranton, Pa.
Milwaukee Casket Co., 54 15th, Milwaukee, Wis.
Minnesota Koll Casket Co., 722 Central av, Minneapolis, Minn.
Moen Casket & Furniture Co., Peterson, Minn.
Monroe Mfg. Co., Webster, N. Y.
Morgan Casket Co. (Bronze, Steel, Hardwood & Cloth Covered), 572 Park av, Brooklyn, N. Y.
Morris Mfg. Co., 10 Cross, Newark, N. J.
Mound Coffin Co., Main & Chambers, St. Louis, Mo.
Muncie Casket Co., Muncie, Ind.
Muskingum Coffin Co. (Cloth, Plush Covered & Finished Wood Caskets), Zanesville, O.
National Casket Co., 7th & Duquesne wy, Pittsburgh, Pa.
National Vault Casket Co. (Cement Reinforced), 2145 Bay, Los Angeles, Cal.
New Castle Casket Co., New Castle, Ind.
New York & Brooklyn Casket Co. (All Kinds), 703 Bedford av, Brooklyn, N. Y.
Northern Casket Co., Fon-du-lac, Wis.
Northwestern Casket Co. (Hardwood Finished, Metal & Cloth Covered), 661 17th av, N E, Minneapolis, Minn.
Nunda Casket Co., Nunda, N. Y.
Ohio Casket Co., Columbus, O.
Ohio Valley Coffin Co., Lawrenceburg, Ind.
Orleans Mfg. Co. (All Kinds), New Orleans, La.
Owen-Arnold Co., Allegan, Mich.
Owosso Casket Co. (Hardwood Finished & Cloth Covered), Owosso, Mich.
Pacific Casket Co. (Cloth Covered), 715 S Johnson, Los Angeles, Cal.
Pacific States Casket Co., 235 9th, San Francisco, Cal.
Paul Casket Co., Cambridge City, Ind.
Pennsylvania Burial Case Co. (Cloth Covered & Varnished Oak Caskets), Reynoldsville, Pa.
Peninsular Casket Co., 23 Galster av, Detroit, Mich.
Pennsylvania Casket Co. (Hardwood), 2056 N 6th, Phila., Pa.
Peoria Casket Co., Peoria, Ill.
Perrigo A. B., 3913 Cottage Grove av, Chicago, Ill.
Posy & Sons, Juniper, Ga.
Powers & Walker Casket Co., Grand Rapids, Mich.
Quincy Casket Co., Quincy, Ill.
Rankin Coffin & Casket Co. (Varnished, Cloth Covered), High Point, N. C.
Renshler John D., Findlay, O.
Richmond Casket Co., Richmond, Ind.
Richmond Woodworking Co. (Cloth Caskets), Richmond, Va.
Riddle F. C. & Bro. Casket Co. (Cloth Covered), 1400 Hogan, St. Louis, Mo.
St. Louis Coffin Co. (Cloth, Wood & Metal), 1821 Chouteau av, St. Louis, Mo.
San Francisco Casket Co., 621 Guerrero, San Francisco, Cal.
Sessions F. E. Co. (Cloth & Oak Caskets), Worcester, Mass.
Sims H. C., Richmond, Va.
Sioux City Casket Co. (Hardwood & Covered), Sioux City, Ia.
Southern Casket Co., Louisville, Ky.
Southern Coffin & Casket Co., Maryville, Tenn.
Spokane Casket Co., Spokane, Wash.
Springfield Coffin & Casket Co. (Cloth, Oak & Mahogany), Springfield, O.
Standard Coffin & Casket Mfg. Co. (Covered), 1029 W Chicago av, Chicago, Ill.
Stoll Casket Co., Upper Sandusky, O.
Stolts J. & J. W., 430 E 106th, New York
Sumter Coffin & Casket Mfg. Co., Sumter, S. C.
Sunbury Burial Case Co., Sunbury, Pa.
Sunbury Coffin & Casket Co., Sunbury, Pa.
Tennessee Coffin & Casket Co., Chattanooga, Tenn.
Terre Haute Casket Co., Terre Haute, Ind.
Texarkana Casket Co., Texarkana, Texas.
Thurston Bros., South Union, Me.
Traverse City Casket Co., Traverse City, Mich.
Tri-State Casket Co. (Cloth Covered), Kendallville, Ind.
Turner-White Coffin Co., Winston-Salem, N. C.
U. S. Casket Co. (Cloth Covered), Scottdale, Pa.
Utah Casket Co., Salt Lake City, Utah.
Washington Casket Co. (Cloth Covered), Seattle, Wash.
Watt F. N. Co. (Hardwood & Cloth Covered Caskets), Richmond, Ind.
Weicht H. B., Angola, Ind.
Wellsville Burial Case Co., Wellsville, N. Y.
Western Casket Co. (Cloth Covered), Oakland, Cal.
Wichita Casket Co. (Cloth Covered), Wichita, Kans.
Willamette Casket Co., Tacoma, Wash.
Winona Casket Co. (Cloth Covered), Winona, Minn.
Wolverine Burial Case Co., 245 Larned E, Detroit, Mich.
Woodland Mfg. Co., George, N. C.
Zebulon Coffin & Casket Co., Zebulon, N. C.

2850b— *Cogging (Wood)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

2851-2—Cogs (Mill, Wood)

Bowsher N. P. Co., South Bend, Ind.
Great Western Mfg. Co., Leavenworth, Kans.
Menasha Wood Split Pully Co., Menasha, Wis.
Nordyke & Marmon Co. (For Mortised Gears), 1290 Kentucky av, Indianapolis, Ind.
Noye Bros. Co., Buffalo, N. Y.
Thompson Mfg. Co. (For Mortise Gears), Lancaster, N. H.
Woolbert Chas. W., Elmer, N. J.

2854—Coils (Armature & Field)

See also Armatures

Acme Wire Co. (Field Coils only), New Haven, Conn.
Advance Electric & Mfg. Co., Kansas City, Mo.
Arrow Mfg. Co., Toledo, O.
Belden Mfg. Co., 2316 S Western av, Chicago, Ill.
Bissell F. Co., Toledo, O.
Capital Elec. Co., Springfield, Ill.
Cameron Elec'l Mfg. Co., Ansonia, Conn.
Chattanooga Armature Works (Frank Steffner, Propt.), Chattanooga, Tenn.

CLEVELAND ARMATURE WORKS
4736 St. Clair av, Cleveland, O.

King Coil & Mfg. Co., 1011 Power av, Cleveland, O.
Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
Columbus Electrical Works Co., 247 No. Front, Columbus, O.
Commutator Co., 121 N 1st, Minneapolis, Minn.
Dittrick & Jordan Elec. Co., 8700 Lorain av, Cleveland, O.
Doubleday-Hill Elec. Co., 719 Liberty av, Pittsburgh, Pa.
Downing-Smith Co., 430 S Green, Chicago, Ill.
Electric Operations Co., 254 36th, Brooklyn, N. Y.
Electromechanical Co., 530 N Calvert, Baltimore, Md.
Elliott Electric Co., 322 Champlain av, Cleveland, O.
Elliott-Thompson Electric Co., Ajax bldg, Cleveland, O.
Eureka Co., North East, Pa.
Findley Elec. Co., 215 S. 5th, Minneapolis, Minn.
Gee Electric Co., Wheeling, W. Va.
Holden & White, Fisher bldg, Chicago, Ill.
Homer Commutator Co., 4748 Hough av, N E Cleveland, O.
Illinois Electrical Mfg. Co., Peoria, Ill.
Independent Lamp & Wire Co., 1733 B'way, New York
Kester Electric Co., Terre Haute, Ind.
Leacock A. M., 85 Columbia, Newark, N. J.
Littlefield H. A. & Co., West Lynn, Mass.
Major M. E. Elec. Co., Wilkes-Barre, Pa.
Morris Iron & Steel Co., Frederick, Md.
North East Electric Co., Rochester, N. Y.
Oliver Electric & Machine Co., Birmingham, Ala.
Oliver Electric & Mfg. Co., 2221 Lucas, St. Louis, Mo.
Pearson John W. Co., 839 W Lake, Chicago, Ill.
Ridlon Frank Co., 251 A, Boston, Mass.
ROEBLING'S JNO. A. SONS CO., Main Office, Trenton, N. J.
See adv index at end of book
Stewart S. J., 312 Carondelet, New Orleans, La.
Stimple & Ward Co., 518 Sandusky, Pittsburgh, Pa.
Stuart-Howland Co., 234 Congress, Boston, Mass.
Traction Materials Co., 501 5th av, New York
Wente Electric Co., Hamilton, O.
Wesco Supply Co. ("Wesco"), 7th & Clark av, St. Louis, Mo.
Western Electric Co., 463 West, New York.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Coils (Brass & Bronze)

See Pipe Bends & Coils

2855— Coils (Choke)

Delta-Star Electric Co., 2437 Fulton, Chicago, Ill.
Electric Service Supplies Co., ("Garton-Daniels" Porcelain Clamp Insulator), 17th & Cambria, Phila., Pa.
Hickey & Schneider, Elizabeth, N. J.
Lord Mfg. Co. (Auto, Discharge, Vertical Unit), 105 W 40th, New York
Metropolitan Engrg. Co., 35 Vestry, New York.
Schweitzer & Conrad, Inc., 4431 Ravenswood av, Chicago, Ill.
Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.
See adv index at end of book

2856— Coils (Cooling)

American District Steam Co. ("Niagara"), No Tonawanda, N. Y.
Devine J. P. Co., Buffalo, N. Y.
United Lead Co. (Lined or Covered with Tin or Lead), 111 B'way, New York

2857—Coils (Gas Lighting Spark)

Acme Wire Co., New Haven, Conn.
American Electrical Works, Phillipsdale, R. I.
Dow Mfg. Co., Braintree, Mass.
Electric Goods Mfg. Co., Canton, Mass.

COILS (GAS LIGHTING SPARK)—cont'd
Engeln & Co., 1904 Euclid, Cleveland, O.
Hercules Electric Co., Indianapolis, Ind.
Holtzer-Cabot Elec. Co., 125 Amory, Boston, Mass.
Kokomo Electric Co., Kokomo, Ind.
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
National Coil Co., Lansing, Mich.
Ostrander W. R. & Co., 371 B'way, New York

Coils (Ignition)

See Coils, Spark

2858— Coils (Induction)

Acme Wire Co., New Haven, Conn.
American Coil Co. ("American" For Jumps Spark Ignition, etc.), Foxboro, Mass.
American Electric Co., 6401 So State, Chicago, Ill.
Bunnell J. H. & Co., 32 Park pl., New York
Dudlo Mfg. Co. ("Dudlo" Windings), Ft. Wayne, Ind.
Kelley-Koett Mfg. Co., Covington, Ky.
Kellogg Switchboard & Supply Co., 1066 W Adams, Chicago, Ill.
Knoblock-Heideman Mfg. Co., South Bend, Ind.
Kokomo Electric Co., Kokomo, Ind.
McIntosh Battery & Optical Co., 217 N Desplaines, Chicago, Ill.
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
Nenominee Electric Mfg. Co., Menominee, Mich.
Pearce Fred'k Co., 20 Rose, New York
Ritchie E. S. & Sons ("For X-Ray" Apparatus & Wireless Telegraphy), Brookline, Mass.
Scheidel-Western X-Ray Co., 737 W Vanburen, Chicago, Ill.
Thordarson Elec. Mfg. Co., 501 S Jefferson, Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Williams E. Q., Syracuse, N. Y.

Coils (Pipe)

See Pipe Bends & Coils

2859— Coils (Resistance)

American Electrical Works, Phillipsdale, R. I.
Badt-Westburg Electric Co., 53 W Jackson blvd, Chicago, Ill.
Belden Mfg. Co., 2316 S Western av, Chicago, Ill.
Biddle Jas. G., 1211 Arch, Phila., Pa.
Bunnell J. H. & Co., 32 Park pl, New York
CUTLER HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Electrical Alloy Co. (Car Heater), Morristown, N. J.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
International Brass & Electric Co., 76 Beekman, New York
Kellogg Switchboard & Supply Co., 1066 W Adams, Chicago, Ill.
Leeds & Northrup Co., Stenton av, Gtn., Phila., Pa.
Metropolitan Engineering Co. (Reactance Coils for Generators), 35 Vestry, New York
Queen-Gray Co., 618 Chestnut, Phila., Pa.
Thordarson Electric Mfg. Co., 501 S Jefferson, Chicago, Ill.
Ward Leonard Elec. Co., Mt. Vernon, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

2860— Coils (Spark)

Ackley Robert T., Cortland, Ohio
Akar Ignition Co. ("Akar"), 149 Berkley, Wayne Junction, Phila., Pa.
American Coil Co. ("Jump"), Foxboro, Mass.
American Electrical Works, Phillipsdale, R. I.
Autocoil Co. ("Jumphlame," "Owners"), 136 7th, Jersey City, N. J.
Bunnell J. H. & Co., 32 Park pl, New York
Connecticut Telephone & Electric Co. ("Connecticut"), Meriden, Conn.
Dayton Electrical Mfg. Co. ("Dayton"), Dayton, O.
Dow Mfg. Co., Braintree, Mass.
Dudlo Mfg. Co., Fort Wayne, Ind.
Edison Thomas A., Orange, N. J.
Electric Goods Mfg. Co., Canton, Mass.
Empire Transformer Co., 2723 N. Clark, Chicago, Ill.
Foote, Pierson & Co., 160 Duane, New York
Heinze Electric Co. (For Automobiles), Lowell, Mass.
Herz & Co., 245 W 55th, New York
International Brass & Electric Co. (For X-Ray, Wireless Telegraphy, etc), 76 Beekman, New York
Jefferson Electric Mfg. Co. (For Automobiles), 426 S Green, Chicago, Ill.
Knoblock-Heideman Mfg. Co., South Bend, Ind.
Knott L. E. Apparatus Co. (High Frequency), 79 Amherst, Cambridge, Mass.
Kokomo Electric Co. ("Kingston"), Kokomo, Ind.
Lemke Electric Co. (High Tension Jump & Make & Brake), **509 Cedar, Milwaukee, Wis.**
MANHATTAN ELECTRICAL SUPPLY CO. (Marine Primary Jump Spark, Edison Type, Gas Lighting), 17 Park pl, New York
See adv index at end of book
Menominee Elec. Mfg. Co., Menominee, Mich.
Monarch Valve Co. ("Monarch"), 112 Front, Brooklyn, N. Y.
Mosler A. R. & Co., Woodlawn, N. Y.
Motor Car Supply Co., 1453 Michigan av, Chicago, Ill.
National Coil Co. ("Capitol"), Lansing, Mich.
New York Coil Co., 338 Pearl, New York
Noxon C. Per Lee, Syracuse, N. Y.
Ohio Electric Works, Cleveland, O.
Pfanstiehl Co. ("X-Ray"), North Chicago, Ill.
Pittsfield Spark Coil Co. ("Pittsfield"), Pittsfield, Mass.
Schug Elec. Mfg. Co., Detroit, Mich.
Splitdorf Electrical Co., 98 Warren, Newark, N. J.
Thordarson Elec. Mfg. Co., 501 S Jefferson, Chicago, Ill.
Tritt Electric Co., Union City, Ind.
Voltamp Electric Mfg. Co. (Jump), 407 N Paca, Baltimore, Md.
Wells R. C. Mfg. Co., Fond du Lac, Wis.
Western Electric Co., 463 West, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Williams E. Q., Syracuse, N. Y.
Witherbee Igniter Co. ("Wico"), 1904 B'way, New York

Coils (Stoneware)

See Stoneware, Chemical

2861— Coke (Crushed)

Berger-Aiken Coal Co, Benedum Trees bldg. Pittsburgh, Pa.
Brown, W. Harry, Pittsburgh, Pa.
Smith Facing & Supply Co., Carter rd, Cleveland, O.
Stevens Frederick B., 3d & Larned, Detroit, Mich.

2862— Coke Mfrs.

Adah Coal & Coke Co., Uniontown, Pa.
Algoma Coal & Coke Co., Algoma, W. Va.
Altoona Coal & Coke Co., Altoona, Pa.
Arlington Coal & Coke Co., Lynchburg, Va.
Atlantic Coal & Coke Co., Tunnelton, W. Va.
Babcock Coal & Coke Co., Pittsburgh, Pa.
Barnitz Geo. A., York, Pa.
Battle Creek Coal & Coke Co., Orme, Tenn.
Beckley Coal & Coke Co., Macdonald, W. Va.
Berger-Aiken Coal Co., Benedum Trees bldg, Pittsburgh, Pa.
Bixler Coal & Coke Co. ("Crushed"), Fulton bldg, Pittsburgh, Pa.
Bottom Creek Coal & Coke Co., Vivian, W. Va.
Brown W. Harry ("Alicia Mines" Connellsville Furnace, Foundry & Crushed Coke), Pittsburgh, Pa.
Central Iron & Coal Co., 90 West, New York
Citizens Gas Co., 47 S Penn, Indianapolis, Ind.
Collins Colliery Co., Macdonald, W. Va.
Colonial Coal & Coke Co., Oliver bldg, Pittsburgh, Pa.
Colorado Fuel & Iron Co., Denver, Colo.
Connellsville Central Coke Co., Empire bldg, Pittsburgh, Pa.
Connellsville Coal & Coke Co., Connellsville, Pa.
Connellsville Mutual Coke Co., Scottdale, Pa.
Consolidated Coke Co., Oliver bldg, Pittsburgh, Pa.
Crozer Coal & Coke Co., Upland, Pa., & Elkhorn, W. Va.

CLASSIFICATIONS which are marked thus (*) are not Standard Classifications and are only used for those concerns who advertise or pay for Bold Face Listings. Other concerns in similar lines of business will always be found under the Standard Classifications.

Crystal Coal & Coke Co., Crystal, W. Va.
Davis Coal & Coke Co. (Foundry, Furnace & Crushed), Continental bldg, Baltimore, Md.
Debevoise-Anderson Co. (Dealers), 56 Liberty, New York
Donohue Coke Co., Greensburg, Pa.
Dunn Connellsville Coke Co., Adamsburg, Pa.
Dunn Loop Coal & Coke Co., Macdonald, W. Va.
Durham Coal & Iron Co., Chattanooga, Tenn.
Elk Ridge Coal & Coke Co., Northfolk, W. Va.
Empire Coke Co., Geneva, N. Y.
Fairmont Coal Co. (Foundry, Furnace & Crushed), 14 Wall, New York
Fayette Coke Co., New Salem, Pa.
Fire Creek Coal & Coke Co. (Foundry), Fire Creek, W. Va.
Flat-Top Fuel Co. ("Pocahontas" Foundry), Bluefield, W. Va.
Frick H. C. Coke Co., Carnegie bldg, Pittsburgh, Pa.
Gilliam Coal & Coke Co., Lynchburg, Va., & Gilliam, W. Va.
Grafton Coal & Coke Co., Grafton, W. Va.
Hamilton Otto Coke Co., Hamilton, O.
Hanna M. A. & Co., Cleveland, O.
Harris-Smith Coal & Coke Co., Uniontown, Pa.
Harvey Coal & Coke Co., Macdonald, W. Va.
Hickman, Williams & Co. (Dealers), Louisville, Ky.
Hillman J. H. & Sons Co. (Low Phosphorus Connellsville Blast Furnace Coke, etc), Oliver bldg, Pittsburgh, Pa.
Hostetter Connellsville Coke Co., 434 5th, Pittsburgh, Pa.
Houston C. B. & Co. (Dealers), Franklin Bank bldg, Phila., Pa.
Houston Coal & Coke Co., Elkhorn, W. Va.
Hustead-Semans Coal & Coke Co., Uniontown, Pa.
Jamison Coal & Coke Co., Oliver bldg, Pittsburgh, Pa.
Keeley Jerome & Co. (Dealers), 421 Chestnut, Phila., Pa
Keister A. L. & Co. (also Coal), Scottdale, Pa.
Keystone Coal & Coke Co., Greensburg, Pa.
Louisville Coal & Coke Co., Goodwill, W. Va.
Loyal Hanna Coal & Coke Co., Loyal Hanna, Pa.
Lynchburg Coal & Coke Co., Lynchburg, Va.
McKeefrey & Co., Leetonia, O.
Mabscott Coal & Coke Co., Macdonald, W. Va.
Macdonald Colliery Co., Macdonald, W. Va.
Marmet-Halm Coal & Coke Co., 1st National Bank bldg, Cincinnati, O.
Marshall F. W. & Co., Pennsylvania bldg, Phila., Pa.
Milwaukee Coke & Gas Co. (Foundry & Furnace & Domestic), 1st National Bank bldg, Milwaukee, Wis.
Mohr J. J. & Son (Dealers), Bullitt bldg, Phila., Pa.
Monessen Coal & Coke Co., Frick bldg, Pittsburgh, Pa.
Mudge Edmund W. & Co., Frick bldg, Pittsburgh, Pa.
National Fuel Co., Oliver bldg, Pittsburgh, Pa.
New Alexandria Coke Co., Greensburg, Pa.
Newcomer Coke Co., Uniontown, Pa.
New England Gas & Coke Co., 111 Devonshire, Boston, Mass.
New York & Phila. Coal & Coke Co., Produce Exchange, New York
Norton Coal Co., Norton, Va.
Oliver Iron & Steel Co., 10th & Muriel, Pittsburgh, Pa.
Orient Coke Co., Uniontown, Pa.
Peerless Coal & Coke Co., Vivian, W. Va.
Penn Coke Co., Uniontown, Pa.
Pittsburgh Coal Co. (of Penn.), Oliver bldg, Pittsburgh, Pa.
Pocahontas Coke Co., Bluefield, W. Va.
Pocahontas Fuel Co., Inc., Pocahontas, Va.
Producers Coke Co., Uniontown, Pa.
Prospect Coal & Coke Co., Searights, Pa.
Rainey W. J. ("Connellsville"), 52 Vanderbilt av, New York
Raleigh Coal & Coke Co., Raleigh, W. Va.
Republic Iron & Steel Co., Youngstown, O.
Roanoke Coal & Coke Co., Worth, W. Va.
Rochester & Pittsburgh Coal & Iron Co., Rochester, N. Y.
Rogers-Brown & Co., 77 Carew bldg, Cincinnati, O.
Semet-Solvay Co., Syracuse, N. Y.
Shenango Furnace Co., Oliver bldg, Pittsburgh, Pa.
Sloss-Sheffield Steel & Iron Co., Birmingham, Ala.
Snyder W. P. & Co., Oliver bldg, Pittsburgh, Pa.
Spokane Falls Gas Light Co. (Gas Coke), Spokane, Wash.
Stauffer Jos. R., Scottsdale, Pa.
Stevens Frederic B. (Crushed), 3d & Larned, Detroit, Mich.
Stewart Iron Co., Cleveland, O., & Sharon, Pa.
Steubenville Coal & Mining Co., Steubenville, O.
Stonega Coke & Coal Co., Stonega, Va.
Struthers Coal & Coke Co., Citizens' bldg, Cleveland, O. Plant & Mine: Fairbank, Pa.
Taylor Coal & Coke Co., 819 Hickox bldg, Cleveland, O.
Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.
Tidewater Coal & Coke Co., Vivian, W. Va.
Turkey Knob Coal Co., Charleston, W. Va.
Tyler Coal & Coke Co. (Dealers), Land Title bldg, Phila., Pa.
United Connellsville Coke Co., Oliver bldg, Pittsburgh, Pa.
United Iron & Steel Co. (Foundry, etc), Cleveland, O.
U. S. Coal & Coke Co., Carnegie bldg, Pittsburgh, Pa.
Upland Coal & Coke Co., Upland, Pa., & Elkhorn, W. Va.
Virginia Iron, Coal & Coke Co. (Furnace & Foundry), Roanoke, Va.
Virginia & Pittsburgh Coal & Coke Co., Fairmont, W. Va.
Washington Coal & Coke Co., Dawson, Pa., & Pittsburgh, Pa.
Winona Gas Light & Coke Co., Winona, Minn.
Yolande Coal & Coke Co. (Foundry, etc), Birmingham, Ala.

2863— Coke (Metallurgical)

Semet-Solvay Co. ("Solvay"), Syracuse, N. Y.

2864—Coke Oven Construction

Koppers H. Co. ("Kopper's" By-Product Plants), Union Arcade, Pittsburgh, Pa.
LINK-BELT COMPANY (For Crushing, Screening, Handling, etc), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Oak Hill Marble Works, Birmingham, Ala.
Semet-Solvay Co., Syracuse, N. Y.
Warwick Construction Co., 1048 W. Harrison, Chicago, Ill.
Wilputte Coke Oven Corp., 469 5th av, New York

2865— Coke (Petroleum)

Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.
National Refining Co., Cleveland, O.
Tidewater Oil Co., 11 B'way, New York

2866— Colchicine

Hoffmann-La Roche Chemical Works, 440 Washington, New York

2867— Cold Shuts

American Logging Tool Co., Evart, Mich.
American Mfg. Co., Chattanooga, Tenn.
Dixie Logging Tool Co., Chattanooga, Tenn.

Cold Storage Plant Construction

See Ice & Refrigerating Machines
Also Engineers, Refrigeration

Collapsible Steel Centering

See Centering, Steel

2868—Collar Supports (Covered Wire)

Sachnoff G. & Co., 138 Mott, New York

2869— Collars (Axle)

Graham Nut Co., Pittsburgh, Pa.

2869a— Collars (Cleanable)

See Cuffs, Cleanable

2870— Collars (Dog)

Brauer Bros. Mfg. Co., 204 N 14th, St. Louis, Mo.
Buchheimer Geo. H., 1004 Rutland av, Baltimore, Md.
Cassady Fairbank Mfg. Co. ("Erb"), 6126 S La Salle, Chicago, Ill.
Fritz Bros., Meriden, Conn.
Graham & Berwin, 107 Lafayette, New York
Libby, Harlow & Co., 250 Devonshire, Boston, Mass.
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Riley-Klotz Mfg. Co., 17 Mulberry, Newark, N. J.
Scheffer & Rossum Co., 104 E. 10th, St. Paul, Minn.
Smith Jas. & Son, 40 Franklin av, Brooklyn, N. Y.
Stevens Walter B. & Son, 107 Chambers, New York
Union Hardware Co., Torrington, Conn.

2870a—*Collars (Horse, Cotton Duck)

COUCH BROS. MFG. CO., Atlanta, Ga.

2871-2— Collars (Horse)

See also Harness, Saddles & Strap Work Mfrs.

ARKANSAS.

LITTLE ROCK—Voss-Barbee Mfg. Co.

CALIFORNIA.

LOS ANGELES—Los Angeles Saddlery & Finding Co.
SACRAMENTO—Van Voorhies A. A. & Co.
SAN FRANCISCO—Davis W. & Sons, 333 Market
Johnson F. S. Co., 576 Howard

CONNECTICUT.

HARTFORD—Smith, Worthington Co.
NEW HAVEN—Smith's Henry Sons

GEORGIA.

ATLANTA—**COUCH BROS. MFG. CO.** ("Lankford," "Gee Haw," "Samson")
BUFORD—Allen Bona
LAWRENCEVILLE—Allen Mfg. Co. (Cotton)
MACON—Bernd G. Co.

ILLINOIS.

BENTON—Jackson A. D. Saddlery Co.
BLOOMINGTON—Green B. S. Co.
CHICAGO—Ortmayer A. & Son, 165 W Illinois
FREEPORT—Bowler & Jones
GALESBURG—Adams & Johnson Co.
LINCOLN—Lincoln, Ill. Collar Co. (Cork Faced)
OTTAWA—Bach M. W. & Co.
QUINCY—Schott J. B. Saddlery & Mfg. Co. ("Noxall")
Wolf Mfg. Co.
PEORIA—Case & Kroenlien
Chuse & Co.
ROCKFORD—Hess & Hopkins Leather Co.

INDIANA.

EVANSVILLE—Flickner J. O. & Sons
Indiana Collar Co.
FORT WAYNE—Racine F. L.
INDIANAPOLIS—Indianapolis Saddlery Co., 237 S Meridian
Rehfuss Martin Jr.

IOWA.

BOONE—Goeppinger L. & H.
BURLINGTON—McConnell S. R. & I. C. Co.
CLINTON—Clinton Saddlery Co.
COUNCIL BLUFFS—Keller A. C. Collar Co.
DAVENPORT—Sears Saddlery Co.
DES MOINES—Des Moines Saddlery Co.
DUBUQUE—Hoffmann Paul
MUSCATINE—Van Nostrand Saddlery Co.
WATERLOO—Powers Mfg. Co. ("Humane")
Waterloo Saddlery Co.

KANSAS.

ATCHISON—Atchison Saddlery Co.
LAWRENCE—Hermann John

KENTUCKY.

EDDEYVILLE—Kentucky Whip & Collar Co.
LOUISVILLE—Harbison & Gathright
Miller Jno. Saddlery Co.

LOUISIANA.

NEW ORLEANS—Rice Louis P. & Co.
Whitney & Sloo Co., Ltd.

MARYLAND.

BALTIMORE—Lerch Bros., 114 Hanover

MASSACHUSETTS.

BOSTON—Libby, Harlow & Co., 250 Devonshire
FITCHBURG — Thomson Alex (Steel Hameless)

MICHIGAN.

CARO—Johnston-Slocum Co. ("Indestructible" Steel Hameless)
DETROIT—Armstrong & Graham, 128 Jefferson av
Navion-Pierson-Hough Co., 158 Congress W
Pierson & Hough Co., 158 Congress W
SAGINAW—Koehler Bros. (Steel)
Morley Bros.

MINNESOTA.

DULUTH—Marshall-Wells Hardware Co.
Schulze Leather & Findings Co.
MINNEAPOLIS—Dodson, Fisher, Brockman Co., 15 N 3d
ST. PAUL—Friend Chas. & Son, 343 Jackson.
Scheffer & Rossum Co., 104 E. 10th
WINONA—Minnesota Harness Factory

MISSOURI.

CALIFORNIA—Heck Wm.
KANSAS CITY—Askew Saddlery Co.
ST. JOSEPH—Rossi Saddlery Co.
Wyeth Hardware & Mfg. Co.
ST. LOUIS—Albrecht H. & Co., 610 Washington
Burns P. Saddlery Co., 713 Lucas
Holthaus Saddlery Co., 1449 N 6th
Sickles J. B. Saddlery Co., 2100 Washington
Straus Saddlery Co., 27th & Locust
SPRINGFIELD—Hermann-Sanford Saddlery Co.

NEBRASKA.

BLAIR—Blair Horse Collar Co.
LINCOLN—Harpham Bros. Co.
OMAHA—Haney J. H. & Co.

NEW YORK.

BATH—Bath Harness Co.
BUFFALO—Dorries & Co.
Smith Sons Harness Co.
NEW YORK—Cronin M. F., 369 Pearl
ROCHESTER—Weider John A. (Fire Dept.)
ROME—Bingham Harness Co.
SYRACUSE—Appleby T. H. & Co.
Olmstead Co.
TROY—Curtis Mont G. Co.

NORTH DAKOTA.

FARGO—Bristol & Sweet Harness Co.
North Dakota Harness Co.

OHIO.

CINCINNATI—Graf-Morsbach Co., Flint & Wade
Grossman & Hooe Saddlery Co., 221 Main
Langenbrunner & Co., 315-17 Hammond
Perkins-Campbell Co., 622 B'way
CLEVELAND—Bellis Wm. L.
COLUMBUS—Sells J. H. & F. A. Co., Chestnut & Pearl
MARIETTA—Strecker Bros. Co.
SIDNEY—Given R. & Son Co.
TOLEDO—Quinn J. E.

OREGON.

PORTLAND—McMonies W. H. & Co.
Sharkey P. & Son, 53 Union

PENNSYLVANIA.

INDIANA—Robinsteen Collar & Leather Co.
PHILADELPHIA—Barry & McAlister, 233 Race
Hansell Wm. S. & Sons, 131 Market
YORK—Beard H. B. & Co.

TENNESSEE.

CHATTANOOGA—Southern Saddlery Co.
NASHVILLE—Gray & Dudley Hardware Co.
Nashville Saddlery Co.
SHELBYVILLE—Robinson - McGill Mfg. Co.

TEXAS.

DALLAS—Padgitt Bros. Co.
Schoellkopf G. H. Saddlery Co.
Tenison Bros. Saddlery Co.
PARIS—Paris Saddlery Co.
SAN ANTONIO—Frank L. Saddlery Co.
WACO—Padgitt Tom Co.

UTAH.

SALT LAKE CITY—Salt Lake Hardware Co.

VIRGINIA.

RICHMOND—Cottrell Saddlery Co.
Crump Benj. T. Co.

WASHINGTON.

SEATTLE—Duncan & Sons

WISCONSIN.

EAU CLAIRE—Schwahn-Seyberth Saddlery Co.
GREEN BAY—McIntyre-Burrall Co.
Kress Frank F.
MILWAUKEE—Wallace & Smith Co., 86 W Water
Young Benj. Co., 241 E Water

2873— Collars (Pole)

Goodell-Pratt Co., Greenfield, Mass.

2874—Collars (Rubber Swimming)

Tyer Rubber Co., Andover, Mass.

2875— *Collars (Safety Set)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av. & P. & R. Ry., Phila., Pa.
See adv index at end of book

2876— Collars (Shingle Saw)

Biegert J. C. Machine Works, Seattle, Wash.

2877—Collars (Spacing, for Milling Cutters)

Scully, Jones & Co., Railway Exchange bldg, Chicago, Ill.
See adv index at end of book

When writing to firms whose names appear in this book please mention
HENDRICKS' COMMERCIAL REGISTER.

2878— Collars (Split)

Atlanta Mfg. & Supply Co., Atlanta, Ga.
Bond Foundry & Machine Co., Manheim, Pa.
Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
Chain Belt Co. (Also Solid), Milwaukee, Wis.
Dodge Sales & Engineering Co. (Safety, for Shafting), Mishawaka, Ind.
Eastwood Benj. Co., Paterson, N. J.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Jeffrey Mfg. Co., 961 N. 4th, Columbus, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av. & P. & R. Ry., Phila., Pa.
See adv index at end of book
Link Chain Co., Williamsport, Pa.
Mobile Pulley & Machine Co., Mobile, Ala.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Salem Foundry & Machine Works, Salem, Va.
Shaw Coupling Co. (Also Solid), Syracuse, N. Y.
Standard Pressed Steel Co. (Safety); 20th & Clearfield, Phila., Pa.
Webster Mfg. Co., Tiffin, O.
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co. (Safety Set, also Solid), Chambersburg, Pa.
Yocom Jas. & Son (For Shafting), 145 N 2nd, Phila., Pa.

2879— Collars (Steam Pipe)

Matthews Mfg. Co. 104 Gold, Worcester, Mass. *See adv index at end of book*

2880— *Collars (Thrust)

DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works: Marshallton, Del.
See adv index at end of book

2881—Collars & Cuffs (Celluloid)

Celluloid Co. (Waterproof), 36 Washington pl, New York

2882— Collectors (Rubber)

Empire Cream Separator Co. ("Empire," Centrifugal), Bloomfield, N. J.

2882a— *Collets

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

2883—Collets (Twist Drill, Etc.)

Brown & Sharpe Mfg. Co. (For Gear Cutting, Milling & Screw Machines), Providence, R. I.
Card S. W. Mfg. Co., Mansfield, Mass.
Cleveland Twist Drill Co. ("Paragon," for Flat Twist Drills; also for Turet Tool Holders), 1 E 49th, Cleveland, O.
McCrosky Reamer Co. ("Wizard," "Quick Change"), Meadville, Pa.
Modern Tool Co. ("Magic"), 300 State, Erie, Pa. *See adv index at end of book*
Pratt & Whitney Co. (Bit Brace), Hartford, Conn.
Union Twist Drill Co. (Milling Machine & Blank Devices), Athol, Mass.
Waltham Screw Co., Waltham, Mass.
Whitney Mfg. Co. ("Presto" & Friction Tapping), Hartford, Conn.

2884— *Collodion

DU PONT CHEMICAL WORKS, 120 B'way, New York

Color Cards

See Paint Mfrs.' Color Cards

2885—Color Mfrs. & Importers

See also Aniline Colors, Dyes and Dyestuffs
Acme White Lead & Color Works, St. Aubin av & M. C. R. R., Detroit, Mich.
Adler Color & Chemical Works, 100 William, New York
Alston Lucas Paint Co., 1029 Currier, Chicago, Ill.
American Aniline Products Inc., 80 5th av, New York
Ansbacher A. B. & Co. (Dry Colors), 527 5th av, New York
Atlas Co. (Dry), Lincoln, N. J.

Atlas Paint Co. (Dry Colors), Nashville, Tenn.
Ault & Wiborg Co. (Dry Color Mfrs.), Cincinnati, O.
Bielenberg A. Co., 69 Front, New York
Billings-Chapin Co., Cleveland, O.
Binney & Smith Co., 81 Fulton, New York
BINSWANGER B. & CO. (Dry), 827 N 3rd, Phila., Pa.
Bredt F. & Co., 240 Water, New York
Briggs John & Co., 45 Purchase, Boston, Mass.
Cambria Paint & Color Co. (Ltd.) (Grinders of Paper & Pulp Colors, Colors in Oil, etc), Johnstown, Pa.
Cawley, Clarke & Co. (Pulp & Dry Colors, Chrome Yellow, etc), 278 Passaic, Newark, N. J.
Central Dyestuff & Chemical Co., Newark, N. J.
Chesapeake Oil Co., Stockholm & Peach alley, Baltimore, Md.
Chrystal Chas. B. (Imp), 13 Cliff, New York. *See adv index at end of book*
Commonwealth Color & Chemical Co. (Selling Agent), Nevins, Brooklyn, N. Y.
Corona Chemical Co. (Dry), 213 Lake, Milwaukee, Wis.
Coulston J. W. & Co. (Dry Colors), 80 Maiden Lane, New York
C. P. N. Chemical Co., Inc. (Jobbers), 78 Reade, New York, & 231 West Huron, Chicago, Ill.
Detroit White Lead Works, Milwaukee av & Widman pl, Detroit, Mich.
Devoe & Raynolds Co. Inc., 101 Fulton, N. Y.
Dick David & Broadfoot, Inc., 304 B'way, New York
Ditzler Color Co., 20 Baltimore av, W, Detroit, Mich.
Doggett, Stanley (Dry), 11 Cliff, New York
Drakenfeld B. F. & Co. (Imp), 50 Murray, New York
Dye Products & Chemical Co., Inc., 200 5th av, New York
Ehrmann Ludwig, 288 Bowery, New York
Fezandie Felix (Importer), 205 Fulton, New York
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
FOX M. EWING CO. (Dry & Water), 241 E 136th, New York
See adv index at end of book
French Samuel H. Co., 4th & Callowhill, Phila., Pa.
Fry Art Co. (Vitrifying China), Great Neck, Long Island, N. Y.
Fuller, Ralph L. & Co., Inc., (Dry Colors), 2 Rector, New York
See adv index at end of book
Geisenheimer & Co., 134 Cedar, New York
Harmon Color Works Inc. (For Ink, Paints & Wall Paper), College Point, L. I., N. Y.
HARRISONS WORKS (du Pont), (Dry, in Oil & Japan), 3500 Grey's Ferry rd, Phila., Pa.

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Hanover Co., 72 Cliff, New York
Hellenic Chemical & Color Co., Inc. (Aniline & Dry Colors), 429 W. 13th, New York
Heller & Merz Co. (Aniline), 503 Hudson, New York
Hemingway & Co. (Dry), Bound Brook, N. J.
Herman & Herman, Inc., 6 Church, New York
Herrmann Morris & Co., 200 5th av, New York
Hine Bros., 80 Maiden Lane, New York
Holliday Read & Sons, Ltd., 160 Franklin, New York
Huber Jos. M., 602 62nd, Brooklyn, N. Y.
Illinois Mineral Milling Co., E, St. Louis, Ill.
Jaenecke Printing Ink Co. (Dry Colors), Wright & Av B, Newark, N. J
Jamaica Dyewood & Chemical Co. (Analine, etc), 50 Church, New York
Johnson Chas. E. & Co., 509 S 10th, Phila., Pa.
Kalle Color & Chemical Co. (Importers), 530 Canal, New York
Kohnstamm H. & Co., 87 Park pl, New York
Kuttroff, Pickhardt & Co., Inc. (Jobbers), 128 Duane, New York
Lavanburg Fred'k L. (Importer), 100 William, New York
Lewis John T. & Bros. Co., Lafayette bldg, Phila., Pa.
Longman & Martinez, 54 Maiden la, New York
Lucas John & Co., 322 Race, Phila., Pa.
Macneal Jas B. & Co., Warner & Wooster, Baltimore, Md.
Mepham Geo. S. & Co. (Colors & Minerals), 20th & Lynch, East St. Louis, Ill.
Meyer G. A. & E. (Imp. Red Oxide), 135 William, New York
Miller, Jos. B., Finance bldg, Phila., Pa. 21 Burling Slip, New York
Mott Haven Color Works, 395 Mott av, New York
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
National Aniline & Chemical Co. Inc., 21 Burling Slip, New York
Nicol J. M. & J. S. (Pulp Colors), Hawthorne, N. J.
Osborn C. J. Co. (Imported Dry Colors), 132 Nassau, New York
Patton Paint Co., 213 Lake, Milwaukee, Wis.
Peninsular Paint & Varnish Co., Detroit, Mich.
Pfeiffer Color Co. (Dry), 100 William, New York
Prince Mfg. Co. (Iron Oxides), 165 B'way, New York
Prince's Metallic Paint Co. (Oxide of Iron), Allentown, Pa.
Rector Chemical Co., Inc. (Furdyes), 2 Rector, New York
Scheel Wm. H. (Importers, Dry Colors), 159 Maiden la, New York
Sherwin-Williams Co., Cleveland, O.
Siegle G. Co. (Dry Colors), Rosebank, Borough of Richmond, New York
Siemon & Elting, 99 Nassau, New York
Sinclair & Valentine Co., 611 W 129th, New York
Standard Ultramarine Co. (Ultramarine Blues), Huntington, W. Va.
Toch Bros., 320 5th av, New York
Uhlich Paul & Co. (Dry Colors, etc), 11 Cliff, New York
Ulster Paint Works (Dry Colors), Ellenville, N. Y.
Valentine & Co., 456 4th av, New York
Waddell R. J. & Co. (Imp. Dry Colors), 52 Beekman, New York
Waldo E. M. & F. (Selling Agts.), 11 B'way, New York
Watson J. D. & Co., New Brunswick, N. J.
Westmoreland Chemical & Color Co., 925 Chestnut, Phila., Pa.
Wilhelm A. Co. (Dry, Pulp & in Oil), Reading, Pa.
Willey C. A. Co. (Dry Colors), Hancock, Long Island City, N. Y.
WILLIAMS C. K. & CO. ("Anchor Brand," Miners & Exporters), Easton, Pa.
Wix Chas. & Co., 45 Vesey, New York
Woodhouse Sam'l F., Unity & Franklin, Phila., Pa.
Wood's Henry Sons Co. (Dry Color Mfrs.), Wellesley, Mass.

2886—*Color Matching Outfits

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

2887—Coloring (Incandescent Lamp)

American Mfg. Co., 1319 3d av, New York
Agens & Co., 219 Market, Newark, N. J.
Barrett M. L. & Co., 233 W Lake, Chicago, Ill.
Brunner Chemical Works ("Queen"), 217 E 3rd, Cincinnati, O.
Egyptian Lacquer Mfg. Co., Rahway, N. J.
Franche C. E. & Co. ("Permacolor"), 440 Orleans, Chicago, Ill.
McGill Mfg. Co. ("Crescent"), 77 Oak, Valparaiso, Ind.
See adv index at end of book
Opal Chemical Co., Kenilworth, N. J.
Union Elec. Co., 3721 Grant blvd, Pittsburgh, Pa.
Universal Electric Stage Lighting Co. ("Signaloid," "Kliegl Bros."), 240 W 50th, New York
Waldman John J., 136 Liberty, New York
Webster Chemical Co., St. Paul, Minn.

2887a— Colors (Acid)

Dicks David Co., Inc., 299 B'way, New York
Dye Products & Chemical Co., Inc., 200 5th av, New York
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York

2888— Colors (Alizarine)

American Aniline Products Inc., 80 5th av, New York
Bayer Co., 117 Hudson, New York
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York
Berlin Aniline Works (Imp), 213 Water, New York
Bischoff C. & Co. (Imported), 451 Washington, New York
Dicks David Co., Inc., 299 B'way, New York
Dunker & Perkins (Distributors), 287 Atlantic av, Boston, Mass.
Dye Products & Chemical Co., Inc., 200 Fifth ave, New York
Farbwerbe-Hoechst Co., 122 Hudson, New York
Herman & Herman, Inc., 6 Church, New York
Rice Edw. E. & Co. ("E. Ruch & Co." Imported), 620 Atlantic av, Boston, Mass.
Thayer E. M. & Co., 411 Atlantic av, Boston, Mass.

Colors (Aniline)

See Aniline Colors, Dyes & Dyestuffs

2888a— Colors (Basic)

Am. Aniline Products, Inc., 80 Fifth av, New York
C. P. N. Chemical Co., Inc. (Jobbers), 78 Reade, New York, & 231 West Huron, Chicago, Ill.
Dicks David Co., Inc., 299 B'way, New York
Dye Products & Chemical Co., Inc., 200 5th av, New York
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York

2889— Colors (Butter)

Burrell D. H. & Co. ("Hansen's" Danish), Little Falls, N. Y.
Hansen's Chr. Laboratory, Little Falls, N. Y.
Heller & Merz Co. ("Alderney"), 503 Hudson, New York
International Extract & Color Co., Utica, N. Y.
Jones Frank L., Utica, N. Y.
Thatcher Mfg. Co., Elmira, N. Y.

2890— Colors (Coal Tar)

See Also Coal Tar Products
American Aniline Products Inc., 80 5th av, New York
Central Drystuff & Chemical Co. (For Textile Trade), Newark, N. J.
Hanover Co., 72 Cliff, New York
Herman & Herman, Inc., 6 Church, New York

2890a— Colors (Direct)

Am. Aniline Products, Inc., 80 Fifth av, New York
Dicks David Co., Inc., 299 B'way, New York
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York

2891— Colors (Fresco)

Devoe & Raynolds Co. Inc. ("Florentine" for Fresco & Scene Painting), 101 Fulton, New York
Harmon Color Works Inc., College Point, L. I., N. Y.
Longman & Martinez, 54 Maiden la, New York
Lucas John & Co., 322 Race, Phila., Pa.
Wadsworth-Howland & Co., 141 Federal, Boston, Mass.

2891a— Colors (Mineral)

Waldo E. M. & F. (Selling Agents), 11 B'way, New York

Colors (Oil)

See Color Mfrs. & Importers; also Paints, Oil.

2892— Colors (Pulp)

Adler Color & Chemical Works, 100 William, New York
Crescent Color & Chemical Wks (For Wall Paper Mfrs.), 59th & 11th av, New York
Devoe & Raynolds Co. Inc., 101 Fulton, New York
Harmon Color Works Inc., College Point, L. I., N. Y.
Lucas John & Co., 322 Race, Phila., Pa.
Pecora Paint Co., 4th & Sedgley av, Philadelphia, Pa.

2893— Colors (Soap)

Dunker & Perkins (Distributors), 287 Atlantic av, Boston, Mass.
Herman & Herman, Inc., 6 Church, New York
Lueders Geo. & Co. (Imported), 218 Pearl, New York

2893a— Colors (Soluble Oil)

Am. Aniline Products, Inc., 80 Fifth av, New York
Dicks David Co., Inc., 299 B'way, New York

2894— Colors (Steel)

Adler Color & Chemical Works, 100 William, New York
Doggett Stanley, 11 Cliff, New York
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.

2895— Colors (Sulphur)

Alliance Chemical Ca., 176 Federal, Boston, Mass.
American Aniline Products Inc., 80 5th av, New York
Berlin Anline Works (Imp.), (Black, Blue, Brown, Green & Yellow), 213 Water, New York
Bischoff C. & Co. (All Colors), 451 Washington, New York
Debrook Co., Inc., 15 Park Row, New York
Dicks David Co., Inc., 299 B'way, New York
Geisenheimer & Co. (Blacks, Blues, Brown, etc), 134 Cedar, New York
Herman & Herman Inc. (Black), 6 Church, New York
Hine Bros. (Hybro), 80 Maiden Lane, New York
Hoffman & Kropff Chemical Co., Porter av, Brooklyn, N. Y.
Kuttroff Pickhardt Co., Inc. (Selling Agents), 128 Duane, New York
Marden, Orth & Hastings Co., 61 B'way, New York
Nitrated Chemicals Co., Inc. (Black), Lorain, O.
National Aniline & Chemical Co., Inc., (Mfrs.), 21 Burling Slip, New York
Sykes Walter F. & Co. (Imp), 176 William, New York
Williamsburg Chemical Co., 230 Morgan av, Brooklyn, N. Y.

2896—Colors & Fillers (Paper Makers')

French Sam'l H. & Co., 4th & Callowhill, Phila., Pa.
Harmon Color Works Inc., College Point, L. I., N. Y.
Kuttroff Pickhardt & Co., Inc. (Selling Agents), 128 Duane, New York
Lucas John & Co., 322 Race, Phila., Pa.
WILLIAMS C. K. & CO., Easton, Pa.

2897— Column Coverings

A. B. Fireproofing Co., 64 W Randolph, Chicago, Ill.
Gypsite Fireproofing Co. ("Gypsite,"), 4th & Holden, Detroit, Mich.
National Fire Proofing Co., Fulton bldg, Pittsburgh, Pa.

2898— *Columns (Cast Iron)

See also Firms in Iron, Architectural & Ornamental Marked with a (*) Star
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Republic Structural Iron Wks Co., 1350 E 53d, Cleveland, O.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
Smith F. P. Wire & Iron Works, 2340-48, Clybourn av, Chicago, Ill.
See adv index at end of book

2899—Columns (Cast Iron Pipe)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Republic Structural Iron Wks, 1350 E 53d, Cleveland, O.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

2900—Columns (Concrete Reinforced)

Concrete Steel Co., 42 B'way, New York
Electric Welding Co., Benedum Trees bldg, Pittsburgh, Pa.
Republic Structural Iron Wks Co., 1350 E 53d, Cleveland, O.
Smith F. P. Wire & Iron Works (Spiral), 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
U. S. Column Co. ("Lally"), Cambridge, Mass.

2901— Columns (Fire Proof)

Pfaff & Kendall ("Hercules"), Foundry, Newark, N. J.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
U. S. Column Co. ("Lally"), Cambridge, Mass.

2902—Columns (Mercury Testing)

Feather N. B. ("Feather"), Hackett, Newark, N. J.
Garrison Brass & Machine Works, 107 W 13th, New York
Heiland Geo. W. ("Beekman"), 107 W 13th, New York

2903— *Columns (Metal)

EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book

2904—Columns (Porch, Pressed Steel)

Union Metal Mfg. Co. ("Union"), Canton, O.

2905—Columns (Porch & Interior, Wood)

American Sash & Door Co. (Wholesale Mfrs.), Kansas City, Mo.
American Veneer Column Co. ("Lupos" Veneered), 913 Grand, Brooklyn, N. Y.
Booth Column Co. (Wholesale Mfrs.), Toledo, O.
Bossert Louis & Son (Wholesale Mfrs.), 1335 Grand, Brooklyn, N. Y.
Bryson City Pump Works Co. (Solid Bored Colonial Columns), Bryson City, N. C.
Brockway-Smith Corp., 98 Canal, Boston, Mass.
Buckeye Churn Co. (Solid Bored Colonial), Sidney, O.
Carr, Ryder & Adams Co. (Wholesale Mfrs.), Dubuque, Iowa
Carr & Baal Co., Des Moines, Ia.
Carter Mfg. Co., Keokuk, Ia.
Central Wood Turning Co., 610 N E Main, Minneapolis, Minn.
Cleveland Column Co. ("Popular"), 1826 Columbus rd, Cleveland, O.
Crandall G. H. Co., Cohoes, N. Y.
Cream City Sash & Door Co. (For the Trade Only), 601 Park, Milwaukee, Wis.
Curtis Bros. & Co. (Wholesale Mfrs.), Clinton, Ia.
Curtis, Towle & Paine Co. (Wholesale Mfrs.), Lincoln, Neb.
Curtis & Yale Co. (Wholesale Mfrs.), Wausau, Wis.
Del' Isle S. G. (Mfrs. Agts.), 337 Carondelet, New Orleans, La.
Detroit Column & Mfg. Co. (Lock Joint), Holden & M C. Detroit, Mich.
Dickey A. & Co. (Piazza, etc., Wholesale), 37 Bristol, Boston, Mass.
Doane & Jones Lumber Co. (Perfect Joint), Elmira, N. Y.
Eby F. B. Handle Co., 12th & Stanley, Detroit, Mich.
Falls City Lumber Co. (Of Fir Lumber), Portland, Ore.
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Fitzgerald-Speer Co. ("Cummins" Steel Bound), Pen Argyl, Pa.
Florence Column Co., Florence, Ala.
Foster-Munger Co. (For the Trade Only), 1404 W 37th, Chicago, Ill.
Gauger Jno. A. & Co. (For the Trade Only), 1434 W 22d, Chicago, Ill.
Gordon Vantine Co., Davenport, Ia.
Grand Rapids Lumber Co., Grand Rapids, Mich.
Grays Harbor Commercial Co., foot of 3rd, San Francisco, Cal.
Wilkinson Allen A. Lumber Co., Indianapolis, Ind.
Hartmann Sanders Co. ("Koll's" Lock Joint), 2155 Elston av, Chicago, Ill.
Holland-Cook Mfg. Co., Tacoma, Wash.
Hyde-Murphy Co., Ridgway, Pa.
Iroquois Door Co. (Wholesale Mfrs.), Buffalo, N. Y.
Koll A. J., Los Angeles, Cal.
Lawrence, P. M. Co. (Wholesale Mfrs.), Augusta, Me.
Lecoutour Bros. Stair Mfg. Co., 4523 Shaw av, St. Louis, Mo.
Loetscher & Burch Mfg. Co., Des Moines, Ia.
McClelland T. W. Co. (Wholesale Mfrs.), Davenport, Ia.
McMillen R. Co. (For the Trade Only), Oshkosh, Wis.
Morgan Sash & Door Co. (For the Trade Only), 2287 Blue Island av, Chicago, Ill.
National Sash & Door Co. (Wholesale Mfrs.), N Dupre Toulouse & in Div. New Orleans, La.
Nelson Lumber & Mfg. Co., 323 Dublin av, Columbus, O.
Nickerson Mfg. Co. ("Nickerson" Double Lock Joint), Knoxville, Tenn.
Ohio Scroll & Lumber Co., Covington, Ky.
Pacific Mutual Door Co., Tacoma, Wash.
Paine Lumber Co., Ltd. (For the Trade Only), Oshkosh, Wis.
Peirce W. E. & Co. (Wholesale Mfrs.), Millford, N. H.
Riggs Cypress Co., Ltd. (Wholesale Mfrs.), Patterson, La.
Rittenhouse Bros., Cadiz, O.
Roberts Sash & Door Co. (For the Trade Only), 920 W 20th, Chicago, Ill.
Rock Island Sash & Door Works (Wholesale Mfrs.), Rock Island, Ill.
Rockwell Mfg. Co. (For the Trade Only), 572 Park, Milwaukee, Wis.
Saco Mfg. Co. ("Colonial"), Saco, Me.
St. Louis Sash & Door Works (For the Trade Only), B'way & Destrehan, St. Louis, Mo.
Sanders Bros. Mfg. Co. (Wholesale Mfrs.), Ottawa, Ill.
Schaefer Louis (Colonial), 1444 W 21st, Chicago, Ill.
Schwerd A. F. Mfg. Co., North Side, 145 McClure, Pittsburgh, Pa.
Seattle Cedar Lumber Mfg. Co., Seattle, Wash.
Somerset Door & Column Co., Somerset, Pa.
Spangler Frank Co. (Tongued & Grooved, Patent Staved), Toledo, O.
Springfield Planing Mill & Construction Co., Springfield, Mo.
STEARNS A. T. LUMBER CO., 100 Taylor, Neponset, Boston, Mass.
See adv index at end of book
Washington Mfg. Co. ("Samson"), Tacoma, Wash.
Huttig Mill Wk. Co., Kansas City, Mo.
Whatcom Falls Mill Co. (Red Cedar for Trade Only), Bellingham, Wash.
Wheeler-Osgood Co. (Fir), Tacoma, Wash.
Zimmerman Chas. E., 204 Burnet av, Syracuse, N. Y.

2906— Columns (Steel Pipe)

Acme Column Co. (Filled with Concrete), 122 Newton, Brooklyn, N. Y.
American Column Co. (Steel Sewed Stay Locked), Battle Creek, Mich.
Atlas Steel Column Mfg. Co. (Filled with Concrete), 212 N 10th, Brooklyn, N. Y
Mostberger Iron Co., 878 S Division, Buffalo, N. Y.
National Tube Co. ("National"), Frick bldg, Pittsburgh, Pa.
U. S. Column Co. ("Lally" Concerte Filled), Cambridge, Mass.

2906a— Comb & Brush Sets

SCHIMPER WILLIAM & CO., 322-338 Ferry, Hoboken, N. J., & 33 Union sq W, New York

2906b— Comb Cleaners

The Arlington Works (E. I. du Pont De Nemours & Co.), 21 E 40th, New York

2907— Combs (Aluminum)

Aluminum Goods Mfg. Co., Manitowac, Wis.
Aluminum Specialty Co., Manitowoc, Wis.
Illinois Pure Aluminum Co., Lemont, Ill.
Union Aluminum Co., Doylestown, O.

2908— Combs (Celluloid)

Bachmann Bros., 609 Commerce, Phila., Pa.
Bay State Comb Co., Leominster, Mass.
Blodgett B. F. & Co. (Back & Side), Leominster, Mass.
Bolle R. Mfg. Co., 99 Stewart, Providence, R. I.
Celluloid Co., 36 Washington pl, New York
Cornell Comb Co., Leominster, Mass.
Earl W. D. Co., Leominster, Mass.
Fitchburg Horn Goods Co., Fitchburg, Mass.
Howe Comb Co. (& Novelties), Leominster, Mass.
Kingman E. B. Co., Leominster, Mass.
Puritan Comb Co., Leominster, Mass.
Royal Comb Co., Leominster, Mass.
Standard Comb Co., Leominster, Mass.
Wagner Comb Mfg. Co., Myrtle av, Brooklyn, N. Y.

2908a— Combs (Hair)

See also Combs, Various Kinds

American Hard Rubber Co., 19 Mercer, New York
The Arlington Works (E. I. du Pont de Nemours & Co.), 21 E 40th, New York

2909— Combs (Hair Drying)

Nicol & Co. ("Queen"), 218 N Jefferson, Chicago, Ill.

2910— Combs (Horn)

Athol Comb Co., Athol, Mass.
Diadem Mfg. Co., Fitchburg, Mass.
Fitchburg Horn Goods Co., Fitchburg, Mass.
Horn Products Co., Leominster, Mass.
Noyes Comb Co., Binghamton, N. Y.
Wilcox Joseph, Athol, Mass.

2911— Combs (Mane)

Covert Saddlery Works, Interlaken, N. Y.
Rubber & Celluloid Harness Trimming Co. (Hard Rubber "Albright" Round & Beaded Wire, White Celluloid & "Walker's" Rubber Compound), 56 Ferry, Newark, N. J.

2912—Comealongs or Wire Pullers

See also Grips, Cable

B-R Electric ("Penna," Tightener), Kansas City, Mo.
Burr Mfg. Co., Whitney Power blk, Cleveland, O.
Dicke Tool Co. ("Howe"), Downers Grove, Ill.
Eureka Fence Mfg. Co. ("Sedgwick"), Richmond, Ind.
Eureka Co. ("Parallel," "Westfield"), North East, Pa.
Irvington Mfg. Co., Irvington, N. J.
Klein Mathias & Sons ("American Grip," "Haven's," "Landee's," "Chicago Grip"), 562 W Van Buren, Chicago, Ill.
Nagel W. G. Elec. Co., Toledo, O.
Norris Electric Specialties Co., 38 Park row, New York
Rittenhouse A. F. Co., Honeoye Falls, N. Y.
Sawyer C. L., Miller's Falls, Mass.
Smith & Hemenway Co., Inc., 261 B'way, New York, & 130 Coit, Irvington, N. J.
See adv index at end of book
Union Elec. Mfg. Co., Pekin, Ill.
Western Electric Co. ("Buffalo Grip"), 463 West, New York

Commutator Building & Refilling

See Armature Rewinding & Commutator Refilling

Commutator Copper

See Copper for Commutator Bars

Commutator Dressing

See Compounds, Commutator

Commutator Segments

See Bars, Commutator

2913—Commutator Truing Device

Fort Wayne Electric Works of General Electric Co., Fort Wayne, Ind.
Jordan Bros., 74 Beekman, New York

2914— Commutators

See also Armatures

Cameron Electric Mfg. Co. ("Cameron"), Ansonia, Conn.

CLEVELAND ARMATURE WORKS

4736 St. Clair av, Cleveland, O.

Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
Columbus Electrical Works Co., 247 North Front, Columbus, O.
Crouse-Hinds Co. (Gas Engine), Syracuse, N. Y.
Doubleday-Hill Elec. Co., 719 Liberty av, Pittsburgh, Pa.
Electric Materials Co., North East, Pa.
ELECTRIC MOTORS CO. (THE), 5902 Carnegie av, Cleveland, O.
Eureka Co., North East, Pa.
Forsyth Electric Co., Seattle, Wash.
Gee Electric Co., Wheeling, W. Va.
Homer Commutator Co., 4748 Hough av N E, Cleveland, O.
Kendrick-Davis Co. (Mica Insulating, "K.-D."), Lebanon, N. H.
Ridlon Frank Co., 251 A, Boston, Mass.
Sackett Mine Supply Co., 164 N 3d, Columbus, O.
Traction Materials Co., 501 5th av, New York
Wente Electric Co., Hamilton, O.

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

2914a— Compasses (Aeroplane)

Cummings Ship Instrument Works (Importers), 110 High, Boston, Mass.
Sperry Gyroscope Co., 40 Flatbush av, Brooklyn, N. Y.
Taylor Instrument Co., Rochester, N. Y.
See adv index at end of book

2915—Compasses (Blackboard)

ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Hammett J. L. Co., Kendall sq, Cambridge, Mass.

2916—Compasses (Carpenters', Etc.)

Athol Machine Co., Athol, Mass.
Kraeuter & Co., 583 18th av, Newark, N. J.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Osborne C. S. & Co. (Leather, etc), Harrison, N. J.
Peck, Stow & Wilcox Co., Southington, Conn.
Pfister Wm. H., 230 W 4th, Cincinnati, O.
Prince L. M. Co., 108 W 4th, Cincinnati, O.
Queen-Gray Co., 618 Chestnut, Phila., Pa.
Schollhorn Wm. Co., New Haven, Conn.
Schuette Recording Compass Co. (Marine Recording), Manitowoc, Wis.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

2917 Compasses (Ship, Etc.)

Bliss John & Co., 128 Front, New York
Durkee Chas. D. & Co. (Dry & Liquid), 2 South, New York
Lake Superior Electrical Co. (Electric), Superior, Wis.
Laughlin Thos. Co. (Dry & Liquid), Portland, Me.
Merrill's R. Sons, 66 South, New York
Negus T. S. & J. D., 140 Water, New York
Ritchie E. S. & Sons (Liquid Marine), Brookline, Mass.
Schuette Recording Compass Co. (Marine Recording), Manitowoc, Wis.
Sperry Gyroscope Co. (Gyroscopic, Airplane Marching), 40 Flatbush av Extension, Brooklyn, N. Y.
Wilcox, Crittenden & Co. (Liquid), Middletown, Conn.

2918—Compasses (Surveyors' & Engineers')

Dietzgen Eugene Co. ("Economy" Beam), 166 W Monroe, Chicago, Ill.
Elliott B. K. Co. (Railroad, Surveying, Miners' etc), 126 6th , Pittsburgh, Pa.
Gurley W. & L. E. (Solar, Railroad Clinometer, Vernier, Plain, Pocket Dip, Needle, etc), Troy, N. Y.
Hand John & Sons Co. (Spirit & Dry), 222 Walnut, Phila., Pa.
Keuffel & Esser Co. (Also Hunters' Pocket Compasses), Hoboken, N. J.
Marble Arms & Mfg. Co. ("Marble's" Handy for Hunters, etc), Gladstone, Mich.
TAYLOR INSTRUMENT COMPANIES ("Tycos"), Rochester, N. Y.
See adv index at end of book

2919— *Compensarcs

GENERAL ELECTRIC CO., Schenectady, N. Y.
See adv index at end of book

2920—*Compensators (Arc Lamp)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

2920a—*Compensators (Automatic)

Electric Controller & Mfg. Co., Cleveland, O. *See adv index at end of book*

2921— Compensators (Gas)

Isbell-Porter Co., 46 Bridge, Newark, N. J.

2922— Compositions (Buffing)

See Tripoli; also Rouge

American Tripoli Co. ("Tripoli Flour"), Seneca, Mo.
Bennett-O'Connell Co., 3600 S Morgan, Chicago, Ill.
Burns E. Reed (Tripoli, Crocus Rouge, "Star" White Metal), 27 Jackson, B'klyn, N. Y.
Day S. A. Mfg. Co. ("Crescent X X" White Finish), 1483 Niagara, Buffalo, N. Y.
Egyptian Lacquer Mfg. Co., Rahway, N. J.
General Platers' Supply Co. (crocus, tripoli, rouge), 489-493 Broome, New York
Hanson & Van Winkle Co. ("Acme"), 269 Oliver, Newark, N. J.

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Hill & Griffith Co., "Standard White," "Tripoli"), 1248 State av, Cincinnati, O., and Birmingham, Ala.
See adv index at end of book
Lyman John R. Co. (Rouge), Springfield, Mass.
Matchless Metal Polish Co. ("White Diamond" for All Metals, Hard Rubber, etc.), 151 Varick, New York
Munning-Loeb Co., Matawan, N. J.
New York Buff Co., 202 Centre, New York
Oriental Rouge Co. (Rouge), Bridgeport, Conn.
Rhodes Jas. H. & Co. (Glass Polishing Rouge, etc), 164 W Austin av, Chicago, Ill.
Stevens Frederic B., 3d & Larned, Detroit, Mich.

COMPOSITIONS (BUFFING)—continued
Union Polish Co., 80 Barclay, New York
U. S. Chemical Co. ("U. S." Brand, White Finish), 3621 Lakeside av, N E, Cleveland, O.
Wiarda John C. & Co. (Rouge, Tripoli Composition, etc), 273 Greene, Brooklyn, New Yark
Zucker Geo. Co. ("Acme" Brand Rouge), 202 Emmett, Newark, N. J.

2922a—Compound (For Grease-proofing & Waterproofing Paper)

Nash Engineering Co. ("Xyloform"), So Norwalk, Conn.

2923—Compound Tables (Drilling Machine)

Hoefer Mfg. Co., Freeport, Ill .
Rockford Machine Tool Co., Rockford, Ill

2924—Compounds (Acid Tank Lining)

Maritimo Coating Corp. ("Maritimo"), 2 Rector, New York
Ohmlac Mfg. Co. ("Ohmlac"), 140 S Dearborn, Chicago, Ill.
Universal Coatings Corpn., 2 Rector, New York

2925—Compounds (Anti-Freezing)

Northwestern Chemical Co. ("Thermite"), Marietta, O.

Compounds (Boiler)

See Boiler Compounds

2926— Compounds (Brazing)

See also Compounds, Welding

A. & J. Mfg. Co. ("Braziron," for Cast Iron), 559 W Lake, Chicago, Ill.
ALLOY STEEL PRODUCTS CORP., 30 Church, New York
See adv index at end of book
American Ferrofix Brazing Co., Perry bldg, Phila., Pa.
Anti-Borax Compound Co. ("E-Z"), Ft. Wayne, Ind.
Cortland Specialty Co. ("Banner"), Cortland, N. Y.
Dixon Joseph Crucible Co., Jersey City, N. J.
Ferrofix Brazing Co., 225 S 24th, Phila., Pa.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Krembs & Co. ("Fluxine"), 173 N Green, Chicago, Ill.
National Rubber Specialties Co. ("High Pressure"), Cincinnati, O.
Oldham Joshua & Sons ("Oldham"), 112 26th, Brooklyn, N. Y.
Phillips-Laffitte Co. ("Laffitte," "Unifonte"), Penna. bldg., Phila., Pa.
Standard Brazing Co., 45 Bromfield, Boston, Mass.
Universal Fluxine Co. ("Universal Fluxine Acme"), Urbana, O.
Weldarine Mfg. Co., Topeka, Kans.

Compounds (Buffing)

See Compositions, Buffing

2927— Compounds (Cable)

Mitchell-Rand Mfg. Co. (For Potheads & Terminals), 99 John, New York
Standard Paint Co. ("S. P. C."), 233 Broadway, New York

2928—Compounds (Car Cleaning)

Becker Chemical Co., 19 Main, Cincinnati, O.
Cleanola Co., Fulton bldg, Pittsburgh, Pa.
Climax Refining Co., Williamson bldg, Cleveland, O.
Idealo Co., Bourse bldg., Phila., Pa.
Imperial Car Cleaner Co., 115 Chestnut, Newark, N. J.
India Alkali Works ("The Savogran"), 28 India Wharf, Boston, Mass.
Modoc Co. ("Perfectol" Car, Locomotive & Signal Blade, Cleaner & Renovator), Fernwood, Phila., Pa.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL REGISTER

2929—Compounds (Case Hardening & Tempering)

American Compound Co., 469 Atlantic av, Boston, Mass.
Barr Chemical Co. (Imp.), 255 Douglass, Brooklyn, N. Y.
Bell & Gossett ("Hi-Carbon" & "Case-Hardo"), 609 W 30th, Chicago, Ill.
Bennett Metal Treating Co., Elmwood, Conn.
Blaich Alfred O. Co., 1956 Clybourn av, Chicago, Ill
Buchanan C. G. Chemical Co. ("Ferro Case" & "Case-Hardo"), 118 E Pearl, Cincinnati, O.
Case Hardening Service Co. ("Homogen"), 1390 W 10th, Cleveland, O.
Climax Refining Co., Williamson bldg, Cleveland, O.
Ele-Kem Co. (Cyanide), 1508 Clybourn av, Chicago, Ill.
European Color & Chemical Co., Hoboken, N. J.
Hafleigh & Co., Cambria & N American, Phila., Pa.
Harshaw, Fuller & Goodwin Co., Cleveland; New York and Philadelphia.
Houghton E. F. & Co. ("Houghton's" Case Hardening, Hydro-Carbonated Bone Black for Tempering, "Houghton's" Tempering Oil, 240 W. Somerset, Phila., Pa.
Ideal Case Hardening Compound Co., 25 W Broadway, New York
Kasenit Co.—Case-Hardening Compounds ("Kasenit"), 11 Water, New York
Mosso C. A., 2253 Warren av, Chicago, Ill.
New Metal Tool Steel Co. ("Eureka"), Sebago Lake, Me.
Park Chemical Co., 35 Lovett, Detroit, Mich.
Phillips Laffitte Co. ("Laffitte"), Penna. bldg, Phila., Pa.
Rogers & Hubbard Co. ("Black Diamond," "Portland" & "Standard" Granulated Raw Bone), Middletown, Conn.
Rowe Ring-Poini Co., Hartford, Conn.
SHORE INSTRUMENT & MFG. CO. INC. ("Local Case," Selective Hardening Process), 557 W 22d, New York
Springfield Facing Co. ("Bohnite"), Springfield, Mass.
See adv index at end of book

BOHNITE
CASE HARDENING
COMPOUND
CASE HARDENING SERVICE CO.
2281 Scranton Road, Cleveland, Ohio
SPRINGFIELD FACING CO.
317 Main Street, Springfield, Mass.

Stevens Frederic B., 3d & Larned, Detroit, Mich.
Weldarine Mfg. Co. ("Tempertough"), Topeka, Kansas.

2930— Compounds (Cleaning)

Babbitt B. T. Inc. ("Babbitt's Cleanser"), 11 Broadway, New York
Blue Seal Chemical Co. (Pipe), 417 E 16th, New York
Boyle C. A. & Co. (Enamel), 643 Washington Blvd, Chicago, Ill.
Cudahy Packing Co. ("Old Dutch Cleanser"), 111 W Monroe, Chicago, Ill.
Fitzpatrick Bros. ("Klenzer" Compounds for Floors), 1319 W 32d pl, Chicago, Ill.
Ford J. B. Co. ("Wyandotte Detergent" Abrasive Powder for Cleaning, Scouring & Mopping). Wyandotte, Mich.
General Platers Supply Co., 489-493 Broome, N. Y. City
Hygienic Products Co. (Enamel Cleaner), 233 B'way, New York
Harshaw, Fuller & Goodwin Co., Cleveland; New York & Philadelphia
India Alkali Works ("Marblica," "Savogran" Powders), 28 India wharf, Boston, Mass.
Modoc Co., Fernwood, Pa.
Monahan Antiseptic Co. ("M. A. C."), 166 N Curtis, Chicago, Ill.
Standard Chemical & Supply Co. ("Davis Brown" For Gas Meters), 172 2d, East Cambridge, Mass.
White & Bagley Co., Worcester, Mass.

2931—Compounds (Clutch or Brake)

Motor Car Supply Co. ("M. C. S."), 1453 Michigan av, Chicago, Ill.

2932—Compounds (Commutator)

Acheson Graphite Co., Niagara Falls, N. Y.
Allen L. B. Co. ("Allen"), 4519 N Lincoln, Chicago, Ill.
Burns E. Reed, 27 Jackson, Brooklyn, N. Y.
Chicago Solder Co., 218 N Union av, Chicago, Ill.
Dixon Joseph Crucible Co. (Graphite), Jersey City, N. J.
Doe Walter S., Kent, O.
DuPerow M. ("Deco"), 518 10th N W, Washington, D. C.
Dyno Utilities Mfg. Co., 608 S Dearborn, Chicago, Ill.
Early Edw. E. Co. ("Early's" Cement), Canton, O.
Fowler G. W. & Co., N Tonawanda, N. Y.
Goldmark Jas. Co. ("Trotters"), 83 Warren, New York
Handy Supply Co., 11737 Detroit av, Cleveland, O.
Hart & Co. ("Red Cross"), Fostoria, O.
Insulating Materials Co. (Cement), 805 Wesson av, Detroit, Mich.
McGill Mfg. Co., 77 Oak, Valparaiso, Ind.
See adv index at end of book
National Refining Co., Cleveland, O.
Ohio Grease ("Ohio"), Loudonville, O.
Onward Mfg. Co. ("O. C. Little"), Menasha, Wis.
Triad Co., Allenhurst, N. J.
Troy Electrical Co. ("E. G. B."), Troy, N. Y.
Walsh J. F., Pittsfield, Mass.
Warren Lubricant Co., 22 Maurice, Buffalo, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

2933-4— Compounds (Core)

See also Compounds, Parting

American Gum Products Co. ("Goulac"), 200 5th av, New York
Bent James S. ("Coreoleum"), 117 First, South Boston, Mass.
Black Products Co. ("Black Diamond"), 135th & Calumet, Chicago, Ill.
BUCKEYE PRODUCTS CO., 919-929 W 5th, Cincinnati, O.
See adv index at end of book
Cataract Refining & Mfg. Co., Buffalo, N. Y.
Delevan Mfg. Co. ("Stewart" Liquid), 65 Delevan, Brooklyn, N. Y.
Federal Foundry Supply Co. ("Federal" Dry), 2639 E 79th, Cleveland, O.
Field Alfred & Co. ("Wax-Wire"), 93 Chambers, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York and Philadelphia
Heltzel Steel Form & Iron Co., Warren, O.
See adv index at end of book
Keystone Foundry Supply Co. ("Lion"), Buffalo, N. Y.
McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.
Midvale Mining & Mfg. Co., Central Natl. Bank bldg, St. Louis, Mo.
Mills H. E. Mfg. Co. ("Mills"), Syracuse, N. Y.
Obermayer S. Co. ("Kantbebeat" Dry), 2563 W 18th, Chicago, Ill.
Pettinos Chas. E., 25 Church, New York
Pure Carbon Co. ("Grapho"), Wellsville, N. Y.
Robeson Process Co. ("Glutrin"), 18 E 41st, New York
Semet-Solvay Co. ("Solvay"), Syracuse, N. Y.
Smith Facing & Supply Co. ("C. F. M.," "Ingot," "Roll," "Velvet Blacking"), Carter rd, Cleveland, O.
Springfield Facing Co. ("Springfield"), Springfield, Mass.
See adv index at end of book
Sterling Oil Co. ("Sterling" Core Oil), Emlenton, Pa.
Stevens Frederic B. ("King-Kore"), 3d & Larned, Detroit, Mich.
United Compound Co. ("Buffalo" Vent Wax), 228 Elk, Buffalo, N. Y.
United States Graphite Co., Saginaw, Mich.
Woodison E. J. Co. ("Quality"), Detroit, Mich.

2935—Compounds (Cutting & Drilling)

See also Compounds, Drilling; also Oils, Cutting & Polishing

A. L. A. Mfg. & Supply Co., 72 Trinity pl, New York
Acheson Oildag Co. ("Aquadag"), Niagara Falls, N. Y.
Advance Oil Co. ("Velvet"), Oil City, Pa.
American Oil Corp. ("No. 124 Mineralized Lard Oil"), Jackson, Mich.
Anchor Oil & Chemical Co. ("Anchor"), Cleveland, O.
Black Warren G. Oil Co. ("Speed"), Century Bldg, Cleveland, O.
Cataract Refining & Mfg. Co. ("Mystic Acme"), Buffalo, N. Y.
Climax Refining Co. ("Bull Dog," "Perfection"), Williamson bldg, Cleveland, O.
Farr Mfg. Co. ("Lubricool"), N Tonawanda, N. Y.
Fiske Bros. Refining Co. (Cutting), 24 State, New York.
Houghton E. F. & Co. ("Solcut"), 240 W. Somerset, Philadelphia, Pa.
Interstate Chemical Co., 657 Garfield Ave., Jersey City, N. J.
Lewis Drilling Compound Co., Sauquoit, N. Y.
Middle States Oil Co. ("Perfection"), 848 B. of L. E. bldg, Cleveland, O.
Monahan Antiseptic Co. (Green Oil Soap), 166 N Curtis, Chicago, Ill.
Moore Oil Co. (For Jobbing Trade Only), York & McLean av, Cincinnati, O.
Oakley Chemical Co. ("Oakite"), 22 Thames, New York
Paragon Refining Co., Toledo, O.
Penn Oil & Supply Co., Ltd. ("Penn" Brand), Oil City, Pa.
Phoenix Oil Co. ("Keep Kool"), 2554 W 5th, Cleveland, O.
RACINE TOOL & MACHINE CO. ("Peerless," also Soluble Oil Cutting Compound), Racine, Wis.
See adv index at end of book
Richards G. Whitfield ("Lub-Well"), 1732 Carlton, Phila., Pa.
Sibley Soap Co., Franklin, Pa.
Sullivan Oil Co. ("Sullivan's" Economic), 413 Wells, Chicago, Ill.
Ulco Oil Co., Detroit, Mich
Warren G. Black Oil Co., Century Bldg, Cleveland, O.
White & Bagley Co. ("Economy"), Worcester, Mass.

Compounds (Damp Resisting)

See Waterproofing Materials

Compounds (Dust Laying)

See Road Binders & Preservatives

2936—Compounds (Electric Cable)

Dielectric Mfg. Co. ("Dielectric" for Pot heads, etc), 224 S Vandeventer av, St. Louis, Mo.
Mitchell-Rand Mfg. Co. (For Potheads & Terminals), 99 John, New York
Ohmlac Mfg. Co. ("Ohmlac"), 140 S Dearborn, Chicago, Ill.

Compounds (Filler, Iron & Steel)

See Cement, Iron & Steel Filler

2937—Compounds (Fireproofing)

Price Fire & Water-Proofing Co. ("Price" for All Kinds of Fabrics & Inflammable Materials), Poughkeepsie, N. Y.

2938— Compounds (Gear)

Ohio Filler & Shield Co. (Motor Gear Shield), 522 City av, Columbus, O.

Compounds (Grinding)

See Compounds, Valve Grinding

2939—Compounds (Impregnating)

Am. Synthite Co., 30 Church, New York
Condensite Co., of Am. Bloomfield, N. J.
Dolph Mfg. Corp., 519 W 38, New York
Dielectric Mfg. Co., 224 S Vandewater, St. Louis, Mo.
Mitchell Rand Mfg. Co., 99 John, New York
Packard Elec. Co. Dana av, Warren, Ohio
Robertson Chemical Co., 9808 Meech av, Cleveland, O.
Schenectady Varnish Co., Schenectady, N. Y.
Sherwin-Williams Co. ("Ajax"), Cleveland, Ohio
Standard Varnish Wks, 90 West, New York
Standard Paint Co., 233 B'way, New York
Voltax Co., Bridgeport, Conn.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

2940—Compounds (Insulating)

See also Paints, Insulating; also Varnishes, Insulating

American Mica Co. ("A-M-C"), Newton Lower Falls, Mass.
Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.
Bissell F. Co., Toledo, O.
Candy & Co. ("Faultless"), 403 N Paulina, Chicago, Ill.
Celite Products Co. (and Materials), 11 B'way, New York
Clifton Mfg. Co., 65 Brookside av, Jamaica Plain, Boston, Mass.
Condensite Co. of America, Bloomfield, N. J.
Consumers' Rubber Co. ("Red Black," "Samson" Gum Rubber), Cleveland, O.
Dielectric Mfg. Co., 224 S Vandeventer av, St. Louis, Mo.
Doggett Stanley, 11 Cliff, New York
Dolph John C. Co. (Vacuum Impregnating), 178 Emmett, Newark, N. J.
Electric Service Supplies Co. ("Keystone"), 17th & Cambria, Phila., Pa.
Electrose Mfg. Co., Washington & Plymouth, Brooklyn, N. Y.
Flintkote Co. ("Rex"), 88 Pearl, Boston, Mass.
Franklin Co. ("Franklin Black"), Bound Brook, N. J.
Elec Material Co. ("Velvapara"), 618 W Jackson blvd, Chicago, Ill.
General Bakelite Co. ("Bakelite"), 2 Rector, New York
General Roofing Mfg. Co., Boatman's Bank bldg, St. Louis, Mo.
Insulatine Co., 1 B'way, New York
Irvington Varnish & Insulator Co. ("Irvington"), Irvington, N. Y.
Johns H. W.-Manville Co. ("Vulcabeston," "J.-P. Bakelite," & "Electrobestos"), Madison av & 41st, New York
Johns-Pratt Co. The, ("Vulcabeston," "Moulded Mica," "J. P. Bakelite," moulded in special shapes and moulded with or without inserts), Hartford, Conn.
Lamson John S. & Bros., 347 Madison av, New York
McGill Mfg. Co. ("Crescent," "Chatterton"), 77 Oak, Valparaiso, Ind.
See adv index at end of book
Mica Insulator Co. ("M. I. C."), 68 Church, New York
Minerallac Electric Co. ("Minerallac"), 1045 Washington blvd, Chicago, Ill.
Mitchell-Rand Mfg. Co. ("B-S"), 99 John, New York
National India Rubber Co., Bristol, R. I.
National Insulator Co., 1016 B'way, Boston, Mass.
OKONITE CO., 501 Fifth av, New York
See adv index at end of book
Pettingell-Andrews Co. ("O K"), 166 Pearl, Boston, Mass.
Smith Edw. & Co. (Baked Coating), 127 West ave, Long Island City, N. Y.
Standard Asphalt & Rubber Co. ("Sarco"), 208 S La Salle, Chicago, Ill.
Standard Paint Co. ("P & B"), 233 Broadway, New York
Standard Underground Cable Co. ("Ozite"), Pittsburgh, Pa.
Standard Varnish Works, 2589 Richmond ter, Elm Park, N. Y.
Standard Varnish Wks ("Standard"), 90 West, New York
Standard Wax & Import Co., 95 William, New York
Sterling Varnish Co., Fulton bldg, Pittsburgh, Pa.
Trotter E. T. & Co., 602 Johnson av, Brooklyn, N. Y.
Vulcanized Products Co., Muskegon, Mich.
Wesco Supply Co. ("Wesco"), 7th & Clark av, St. Louis, Mo.
Western Electric Co. ("W. E. Pothead"), 403 West, New York.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Compounds (Lamp Coloring & Frosting)

See Coloring, Incandescent Lamp

2940a—Compounds (Luminous)

Cold Light Mfg. Co. (Dial Illuminator), 558 W 158th, New York
Radium Dial Co., Forbes & Meyran avs, Pittsburgh, Pa.
Radium Illuminous Material Corp, 55 Liberty, New York

2941—Compounds (Metallic Journal Bearing)

Duluth Brass Works Co. ("Randolph's"), Duluth, Minn.

2942—Compounds (Motor Chain)

Acheson Graphite Co., Niagara Falls, N. Y.
Climax Refining Co., Williamson bldg, Cleveland, O.
Dixon Joseph Crucible Co., Jersey City, N. J.
United States Graphite Co., Saginaw, Mich.

2943— Compounds (Parting)

See also Compounds, Core

Black Products Co., 135th & Calumet, Chicago, Ill.
Brooklyn Facing Mills, 1105 Metropolitan av, Brooklyn, N. Y.
BUCKEYE PRODUCTS CO., 919-929 W 5th, Cincinnati, O.
See adv index at end of book
Doggett Stanley ("Doggett's Perfection"), 11 Cliff, New York
Federal Foundry Supply Co., 2639 E 79th, Cleveland, O.
Foundry Specialty Co. ("Partine"), Cincinnati, O.
HILL & GRIFFITH CO. ("Faultless"), 1248 State av, Cincinnati, O., & Birmingham, Ala.
See adv index at end of book
Keystone Foundry Supply Co. ("Niagara," "Mohawk"), Buffalo, N. Y.
McCormick J. S. Co., 25th & A V R R, Pittsburgh, Pa.
Midvale Mining & Mfg. Co., Central Nat'l Bk bldg, St. Louis, Mo.
Cleveland Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Paxson J. W. Co., 1021 N Delaware av, Phila., Pa.
Smith Facing & Supply Co., Carter rd, Cleveland, O.
Sterling Oil Co., Emlenton, Pa.
Wedron Silica Co. ("Lacko"), Ottawa, Ill.
Woodison E. J. Co. ("Quality"), 53 Buhl, Detroit, Mich.

2943a— Compounds (Pickling)

Harshaw, Fuller & Goodwin Co., Cleveland, New York and Philadelphia
Research Mfg. Co. ("Edis"), Oak Lane Sta., Pa.

2944—Compounds (Pipe Joint)

See also Cements, Pipe Joint

Acheson Graphite Co., Niagara Falls, N. Y.
Arlington Mfg. Co., Canton, O.
Boetliger Christ, 2316 Peach, Erie, Pa.
Buffalo Oil & Compound Co., Buffalo, N. Y.
Chester Graphite Co. ("Hexagon" Graphite), Chester Springs, Pa.
Cooper Sanitary Mfg. Co., 34th & Chestnut, Phila., Pa.
Dixon Joseph Crucible Co., Jersey City, N. J.
Edgecombe Co. ("Red Cross"), Cuyahoga Falls, O.
Glauber M. & Co., 103 Varick, New York
Hetzel J. G. (Est. of), 67 Main, Newark, N. J.
Johns, H. W.-Manville Co. ("H-O"), Madison av & 41st, New York
King Walter E. Co. ("King"), 115 W 3d, Cincinnati, O.
Leadite Co. ("Leadite"), Land Title bldg, Phila., Pa.
Leak Cure Metal Cement Co., 89 Fulton, New York
Marbleoid Co. ("Jointite"), 47 W 34th, New York
Smooth-On Mfg. Co., 572 Communipaw av, Jersey City, N. J.
Standard Paint Co. ("S. P. C."), 233 B'way, New York

COMPOUNDS (PIPE JOINT)—continued
Thread-Tight Co. ("Thread Tight"), 288 Bowery, New York
United States Graphite Co., Saginaw, Mich.
Wolff L. Mfg. Co., 111 No Dearborn, Chicago, Ill.
Wolverine Brass Works, Grand Rapids, Mich.

2945—Compounds (Platers' & Polishers')

See also Composition, Buffing

Burns E. Reed, 27 Jackson, Brooklyn, N. Y.
General Platers Supply Co. ("Snow Flake" "Victor White"), 489-493 Broome, New York

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Northwestern Chemical Co., Marietta, O.
Oakley Chemical Co. ("Oakite"), 22 Thames, New York
Royal Chemical Co. ("Royal" for Cleaning Metals, etc), Phenix, R. I.
Standard Chemical & Supply Co. ("Boston"), 177 2nd, East Cambridge, Mass.
Swan & Finch Co., 165 B'way, New York
Union Polish Co., 80 Barclay, New York
Zucker Geo. Co. ("Acme Brand"), 202 Emmett, Newark, N. J.

Compounds (Pothead)

See Compounds, Cable

Compounds (Rope)

See Dressing, Rope

2946—Compounds (Rust Proofing)

Compound Specialty Co. ("Never Rust" for Tools, Typewriters, Bicycles, Knives, Shears, Lawn Mowers, etc). 156 West av, Long Island City, N. Y.
Parker Dust Proof Co., of Am., 33 Conant av, Detroit, Mich.
Polygon Products Co. (Dissolver), 141 Milk, Boston, Mass.

2947—Compounds (Sewer Joint)

Atlas Co., Lincoln, N. J.
Lamson John S. & Bro., 347 Madison av, New York
Merritt Hydraulics Co. ("G-K" Compound). 110 N Broad, Phila., Pa.
Standard Paint Co. ("S. P. C."), 233 B'way, New York

2948— Compounds (Splicing)

Dunton W. W. Co. ("4"), 150 Niagara, Providence, R. I.
Johns H. W.-Manville Co. ("J-M Alpha" Rubber), Madison av & 41st, New York
Standard Woven Fabric Co. ("Multibestos"), Walpole, Mass.

2949— Compounds (Spraying)

Pratt B. G. Co. ("Scalecide," a Petroleum Oil Soap), 50 Church, New York
Rickes, River & Co., 30 Church, New York

2950—Compounds (Sweeping)

ALCATRAZ CO. INC. ("Ko-Ko-No Dust"), 3200 Williamsburg av, Richmond, Va.
Anti-Dust Chemical Co. ("Anti-Dust"), Denver, Colo.
Carpenter W. D. Co., Syracuse, N. Y.
Cedar-Sweep Co. ("Cedar-Sweep," "Nomoredust"), Los Angeles, Cal.
Chemical Supply Co., 2450 Canal rd, Cleveland, O.
Cleveland Dustout Co., 2100 E 55th, Cleveland, O.
Climax-Western Oil Co. ("No More Dust") 2824 10th av, S Minneapolis, Minn.
Continental Mfg. Co. ("Dustoline"), Indianapolis, Ind.
Cortland Specialty Co. ("Banner"), Cortland, N. Y.
Cotto Waxo Co., 1308 N Main, St. Louis, Mo.
Cromwell R. A. Mfg. Co. ("Sphinx"), 303 E 29th, New York
Cupples Samuel Woodenware Co., 7th & Spruce, St. Louis, Mo.
Day Bergwall Co. ("Anti-Dust"), 121 Buffalo, Milwaukee, Wis.
Dolge C. B. Co., Westport, Conn.
Fitch Dustdown Co. ("Dustdown"), 1028-36 W Front, Cincinnati, O.
Herne J. F. Co. ("Dust Doom"), Sanford, Boston, Mass.
Hoag Duster Co. ("Iowa"), Monticello, Ia.
Jewel Mfg. Co. ("Jewel"), 2863 W 22d, Chicago, Ill.
Kildust Co., Rome, Ga.
Masury-Young Co. ("Nodusto"), 196 Milk, Boston, Mass.
National Dust Dawn Co. ("No-Dust-O"), 102 N 1st, Brooklyn, N. Y.
Nicholas L. V. Oil Co., Omaha, Neb.
Peabody Anti-Dust Co. ("Anti-Dust"), Peabody, Mass.
Pike-Gillette Corp., Syracuse, N. Y.
Pioneer Mfg. Co. ("Wehes," Dust Absorbent), Harvard av & E 103rd, Cleveland, O.
Pure Oil Co., 1st & 13th av S, Minneapolis, Minn.
Saniform Co., 141 W 36th, New York
Smith E. A. Hamilton, Ohio
Standard Chemical Co. ("Cedar-Waxine," "Cedar-Fluff"), Houston, Tex.
State Oil Co., Lincoln, Neb.
Velvetta Mfg. Co. ("Dustine"), 142 N 4th, Philadelphia, Pa.
West Disinfecting Co. ("Sweepine," "Camphene"), 411 Fifth av, New York

Compounds (Tempering)

See Compounds, Case Hardening & Tempering

2951—Compounds (Valve Grinding)

Acme Compound Mfg. Co., 102 N 5th av, Chicago, Ill.
Auto Equipment Co., East Orange, N. J.
Carborundum Company, Niagara Falls, N. Y.
Clover Mfg. Co., Norwalk, Conn.
Gray Specialty Co. ("Gray's"), 148 Avon av, Newark, N. J.
Hall-Thompson Co. ("Wonder Worker" & "Quick Kut"), Hartford, Conn.
Hammett H. G. ("Trojan"), Troy, N. Y.
Hollingshead R. M. Co. ("Whiz"), Camden, N. J.
Lightning Mfg. Co. ("Lightning"), Cornish Flat, N. H.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Motor Car Equipment Co. ("P. D. Q."), 19 W 62d, New York
Noonan A. S. Tool & Machine Works, Rome, N. Y.
Northwestern Chemical Co. ("Pioneer"), Marietta, O.
Norton Co. ("Norton"), Worcester, Mass.
S. B. R. Specialty Co. ("Rapidcut"), East Orange, N. J.
Stewart & Co. ("Gryndyn"), 24 B'way, New York
White & Bagley Co. ("Economy"), Worcester, Mass.

2952— Compounds (Welding)

See also Compounds, Brazing

Anti-Borax Compound Co. ("E-Z," "Crescent"), Fort Wayne, Ind.
Carbo-Hydrogen Co. of America, Benedum-Trees Bldg, Pittsburgh, Pa.
Century Tool & Metal Co. ("Delmas"), 180 N Market, Chicago, Ill.
Corliss Mfg. & Supply Co. (Jobbers), 1906 Olive, St. Louis, Mo.
Cortland Specialty Co. ("Anchor," "Banner" & "Excelsior"), Cortland, N. Y.
Cortland Welding Compound Co. ("Climax" & "Borax-Ettee"), Cortland, N. Y.
Doxey N. D. ("Anchor"), Elmira, N. Y.
Morey Flux & Chemical Co. ("Morey"), Parkesburg, Pa.
Perfection Welding Compound Co. ("Perfection"), Scranton, Pa.
Phillips-Laffitte Co. ("Laffitte"), Penna bldg., Philadelphia, Pa.
So-Luminum Mfg. & Engng. Co. ("So-Luminum"), 1790 B'way, New York
Weldarine Mfg. Co., Topeka, Kans.
Weldum Products Co., Indianapolis, Ind.
WESTINGHOUSE ELECTRIC & MFG. CO. ("Weldwell"), Pittsburgh, Pa. *See adv index at end of book*

2953—*Compressors (Acetylene)

Ingersoll-Rand Co., 11 B'way, New York *See adv index at end of book*
NORWALK IRON WORKS CO. ("Norwalk"), South Norwalk, Conn. *See adv index at end of book*
WORTHINGTON PUMP & MACHY CORP., 115 B'way, New York *See adv index at end of book*

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For List of Branch Offices See Advertisers' Index at End of Book

85-M

2954— Compressors (Air)

ALABAMA.

BIRMINGHAM—Hardie-Tynes Mfg. Co.
INGERSOLL-RAND CO. (of New York City) (Steam, Belt, Electric, Corliss Gas Engine & Steam Driven), American Trust bldg
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ALASKA.

JUNEAU — **INGERSOLL-RAND CO.** (of New York City) (Steam, Belt, Electric, Corliss, Gas Engine & Oil Engine Driven Turbo Blowers & Compressors)
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CALIFORNIA.

LOS ANGELES—Ingersoll-Rand Co., (of Cal.), (Steam, Belt, Electric, Corliss, Gas Engine & Oil Engine Driven, Turbo Blowers & Compressors), Union Oil bldg
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SAN FRANCISCO — **CHICAGO PNEUMATIC TOOL CO.**, 71 First
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Clot & Crist Machine Co., 940 Bryant
Compressed Air Power Co., 110 Jessie
Compressed Air & General Machinery Co., 39 Stevenson
Dow Pump & Diesel Engine Co. ("Giant"), 417 Market
Fairbanks, Morse & Co., 651 Mission
GENERAL MACHINERY & SUPPLY CO., 39 Stevenson
Hendy Joshua Iron Works, 75 Fremont

INGERSOLL-RAND CO. (of Cal.), (Steam, Belt, Electric, Corliss, Gas Engine & Steam Driven, Turbo Blowers & Compressors), 139 Townsend
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National Brake & Electric Co., Pacific bldg
Oliver Continuous Filter Co. ("Oliver"), 503 Market
Rix Compressed Air & Drill Co., 505 Howard
Sullivan Machinery Co., Hobart bldg
Westinghouse Pacific Coast Brake Co., 65 Market
Witt G. E. Co. (Belt Driver for Low Pressure Heating Plants), 862 Howard

COLORADO.

DENVER—Denver Hydro Co. (Gasoline, Oil & Petroleum), 3100 Stuart
Stearns-Roger Mfg. Co.
LITTLETON—Leyner J. Geo. Engineering Works Co. ("Leyner" Belt, Steam, Electric, Water Power, etc)

CONNECTICUT.

HARTFORD—Hartford Machine Screw Co. ("Master" Electric Driven)

CONNECTICUT—continued

SOUTH NORWALK—Nash Engineering Co. (Hydro-Turbine)
NORWALK IRON WORKS CO. ("Norwalk" Air & Gas Compressors)
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ILLINOIS.

CHICAGO—Boland Machinery Co., 552 W Van Buren
Carpenter Geo. B. & Co., 440 North Wells
CHICAGO PNEUMATIC TOOL CO. ("Chicago Pneumatic"), Fisher bldg *See adv index at end of book*
Economy Pumping Machy. Co. (Electric Driven), 116 N Carpenter
Fairbanks, Morse & Co., 900 S Wabash av
Independent Pneumatic Tool Co., 1307 Michigan av
Janette Mfg. Co., 617 W Jackson blvd
Kroeschell Bros. Ice Machine Co., 472 W Erie
MACHINERY WAREHOUSE & SALES CO., Old Colony bldg.
Victor Electric Co., Jackson blvd & Robey
Weir & Craig Mfg. Co., 2421 Wallace
Yeomans Bros. Co. (Rotary), 231 Institute pl
Zin-ho Mfg. Co. (Portable), 1323 S Michigan av
QUINCY—Gardner Governor Co. (Belt & Motor Driven & Steam Actuated), 14 Williamson
ROCKFORD—Trahern Pump Co.

INDIANA.

ANDERSON—Arvac Mfg. Co.
FORT WAYNE—Ft. Wayne Engineering & Mfg. Co. ("Paul," 2 to 30 Cu Ft)
GOSHEN—Hoosier Motor Co. (Up to 5½)
INDIANAPOLIS—Dean Bros. Steam Pump Works, 327 W 10th
Midwest Engine Co. (Gasoline Driven)
RICHMOND—Spacke F. W. Machine Co. (Small)
Standard Pattern & Mfg. Co.

IOWA.

BURLINGTON—Murray Iron Works Co., Central av & Washington

KENTUCKY.

LOUISVILLE—National Foundry & Machine Co.
VOGT BROS. MFG. CO.
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MARYLAND.

BALTIMORE — American Compressor & Pump Co., 801 E Pratt

MASSACHUSETTS.

BOSTON—**CHICAGO PNEUMATIC TOOL CO.,** 185 Pleasant
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INGERSOLL-SERGEANT DRILL CO. (Steam, Belt, Electric, Corliss, Gas Engine, Oil Engine & Steam Driven Turbo Blowers & Compressors), 32 Oliver
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Jager Chas. J. Co. ("Mason-Jaeger"), 15 Custom House
Kinney Mfg. Co. (Belt, Chain & Gasoline Engine Driven), 3541 Washington
Trimount Rotary Power Co. ("Trimount" Rotary), 18 Heath
CAMBRIDGE—Dyar Supply Co. ("Dyar" Portable).
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MICHIGAN.

BATTLE CREEK—American Steam Pump Co. (Steam & Power)
Globe Mfg. Co. ("Dead Easy")
Union Steam Pump Co. ("Union")
DETROIT—CHICAGO PNEUMATIC TOOL CO., 2nd av & Amsterdam
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Great Lakes Engineering Works (Vertical Compound High Duty)
Superior Machine & Engineering Co. ("Yale")
LANSING—Gifford Engine Co. ("Gifford" Motor & Belt Driven)
Novo Engine Co.

MINNESOTA.

DULUTH—Imperial Iron Works (Steam & Electric)
INGERSOLL-RAND CO. (of New York City) (Steam, Belt, Electric, Corliss, Gas Engine & Steam Driven)
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MISSOURI.

KANSAS CITY—Faultless Engine Co., 1511 Cypress av
ST. LOUIS — **CHICAGO PNEUMATIC TOOL CO.,** 819 Hempstead
See adv index at end of book
Curtis & Co. Mfg. Co. (Water Cooled & Air Cooled, Automatic Vertical Type, Belt & Electric Driven, Stationary or Portable), 1571 Kienlen av
INGERSOLL-RAND DRILL CO. (Steam, Belt, Electric, Corliss, Gas Engine, Oil Engine & Steam Drive, Turbo Blowers & Compressors), 300 N Broadway
Reliance Machine & Tool Works ("Hooker"), Channing & Franklin avs
Whitman Agricultural Co. (Water Cooled), 7000 S B'way

MONTANA.

BUTTE—**INGERSOLL-RAND CO.** (of New York City) (Steam, Belt, Electric, Corliss, Gas Engine, Oil Engine & Steam Driven, Turbo Blowers & Compressors), 109 E Broadway
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NEBRASKA.

OMAHA—Sunderland Machinery & Supply Co.

NEW JERSEY.

EAST TRENTON—**DE LAVAL STEAM TURBINE CO.** (Turbine Driven)
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NEWARK—Eclipse Air Brush Co. (Small), 79 Orange

NEW YORK.

BUFFALO—**BUFFALO FOUNDRY & MACHINE CO.,** 65 Winchester av
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CHICAGO PNEUMATIC TOOL CO., Ellicott Sq. bldg.
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Crowell Mfg. Co. ("Crowell"), 296-298 Taaffe pl
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Davidson M. T. Co., 43 Keap
Foster Pump Works, 36 Bridge
Guild & Garrison, 457 Kent av

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Boroughs of Manhattan and Bronx.

NEW YORK—**ABBE ENGINEERING CO.,** Co., 220 B'way
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BEACH-RUSS CO., 220 B'way
See adv index at end of book
Blethen Hugh R., 21 Park Row
Clayton Air Compressor Wks., 115 B'way
INGERSOLL-RAND CO. (Steam, Belt, Electric, Corliss, Gas Engine, Gasoline Engine, Oil Engine & Steam Driven, Portable, Air Pumping, Turbo Blowers & Compressors), 11 B'way *See adv index at end of book*
Plant Engineering & Equipment Co., Inc., 6 Church
Oliver Continuous Filter Co. ("Oliver") 299 Madison av
Rateau Battu Smoot Co., 90 West
WORTHINGTON PUMP & MACHY. CORP., 115 B'way
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(End of New York City)

ROCHESTER—Ritter Dental Mfg. Co. ("Ritter" Automatic)
UTICA—Brunner Mfg. Co. ("Brunner"; Also Air Compressor Fittings)

OHIO.

CANTON—Arctic Ice Machine Co.
CINCINNATI—Johnston Wm. T. Co., 3d & Vine
Lane & Bodley Co., Tennessee av & Paddock rd
CLEVELAND — **CHICAGO PNEUMATIC TOOL CO.,** E 49th & Lakeside
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INGERSOLL-RAND CO. (of New York City) (Steam, Belt, Electric, Corliss, Gas Engine, Oil Engine & Steam Driven, Turbo Blowers & Compressors), Williamson bldg
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United States Air Compressor Co., Carnegie av, Cleveland, O.
COLUMBUS—Weinman Pump Mfg. Co. (Small), 300 Spruce
HAMILTON—**HOOVEN, OWENS, RENTSCHLER CO.**
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SALEM—DEMING CO.
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TOLEDO—A. F. S. Machine Co., 531 S St. Clair
UPPER SANDUSKY — National Steam Pump Co. ("National")
WILMINGTON—Auto Compressor Co.

PENNSYLVANIA.

BRADFORD—Caldwell E. R. & Co. (Air Cooled)
Blaisdell Machinery Co. (All Types)
Combination Engine & Compressor Co.
CHAMBERSBURG—Quincy Engine Co.
CHESTER—Wetherhill R. & Co.
CONNELLSVILLE—Connellsville Mfg. & Mine Supply Co.
ERIE—Bury Compressor Co. (Steam, Belt & Electrically Driven)
Nagle Corliss Engine Works (Steam, Belt, Corliss & Electric Driven; also Portable Steam Driven, Garage, etc)
Pennsylvania Pneumatic Co.
MECHANICSBURG—Comstock Geo. S. & Son ("Comstock," Belted & Motor Driven, 3 to 90 Cubic Feet)
PHILADELPHIA — CHICAGO PNEUMATIC TOOL CO., 1742 Market
Cox & Sons Co., 5th & Chestnut
INGERSOLL-RAND CO. (of New York City) (Steam, Belt, Electric, Corliss, Gas Engine, Oil Engine & Steam Driven, Turbo Blowers & Compressors), Commercial Trust bldg *See adv index at end of book*
Paxson J. N. Co., 1021 N Delaware av
Schramm Chris. D. & Son (Single Acting, Single Stage & Single Cylinder), 308 N 4th
Schutte & Koerting Co. (Steam Jet), 1251 N. 12th
Southwark Foundry & Machine Co. ("Southwark-Harris"), 430 Washington av

PITTSBURGH — American Electric Air Pump Co.
CHICAGO PNEUMATIC TOOL CO., 12 Wood
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COLONIAL SUPPLY CO., 217 Water
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Hall Steam Pump Co., 213 Galveston, North Side
INGERSOLL-RAND CO. (of New York City) (Steam, Belt, Electric, Corliss, Gas Engine, Oil Engine & Steam Driven Turbo Blowers & Compressors), Farmer's Bank bldg
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(Write for Bulletin N)

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PITTSBURGH, PA., U. S. A.

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WESTINGHOUSE AIR BRAKE CO. (Steam)
WESTINGHOUSE TRACTION BRAKE CO. (Belt, Gas, Gasoline, Motor or Steam)
Wilson-Snyder Mfg. Co., 2 Ross
SCRANTON — **ALLIS-CHALMERS CO.** ("Reynolds" Belted Steam, etc)
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INGERSOLL-RAND CO. (of New York City), (Steam, Belt, Electric, Corliss, Gas Engine & Steam Driven, Turbo Blowers & Compressors), Dime Savings Bank bldg
See adv index at end of book
WARREN—Warren Machine Products Co. (Hand)

SOUTH CAROLINA.

ANDERSON—Anderson Machine & Foundry Co.

TEXAS.

EL PASO—**INGERSOLL-RAND CO.** (of Texas) (of New York City), (Steam, Belt, Electric, Corliss, Gas Engine, Oil Engine & Steam Driven Turbo Blowers & Compressors), 121 San Francisco
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VERMONT.

WESTMINSTER STATION—Abenaque Machine Works (Gas & Gasoline Driven, Portable or Wheels)

WASHINGTON.

SEATTLE—**CHICAGO PNEUMATIC TOOL CO.,** 122 King
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INGERSOLL-RAND CO. (of New York) (Steam, Belt, Electric, Corliss, Gasoline, Oil Engine & Steam Driven Turbo Blowers & Compressors), Colman bldg
See adv index at end of book
Nat'l Engng. & Equipment Co. ("Hydraulic")

WISCONSIN.

MILWAUKEE—**ALLIS-CHALMERS MFG. CO.** ("Reynolds," Belted, Steam, Hydraulic & Electric)
See adv index at end of book
Atlas Engng. Co., 3009 Lisbon av, Milwaukee, Wis.
Filer & Stowell Co. (850 cu ft & Larger), 219 Becher
National Brake & Electric Co., ft Belleview pl

2955—Compressors (Air, Portable)

A. F. S. Machine Co., 531 S St. Clair, Toledo, O.
Abenaque Machine Works (Gasoline), Westminster Station, Vt.
ALLIS-CHALMERS MFG. CO. ("Reynolds," Motor Driven), Milwaukee, Wis. *See adv index at end of book*
CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill.
See adv index at end of book
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.

Dyar Supply Co., Cambridge, Mass.

Gardner Governor Co., 14 Williamson, Quincy, Ill.
INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*
National Brake & Electric Co., ft Belleview pl, Milwaukee, Wis.
Quincy Engine Co., Chambersburg, Pa.
Schramm Chris. D. & Son, 308 N 4th, Phila., Pa.
Sullivan Machinery Co. (Mounted on a Truck & Driven by Gasoline Engine), People's Gas bldg, Chicago, Ill.
WESTINGHOUSE AIR BRAKE CO., Pittsburgh, Pa.
WESTINGHOUSE TRACTION BRAKE CO., Pittsburgh, Pa.
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.

2956—Compressors (Ammonia)

Arctic Ice Machine Co., Canton, O.
Bouchard Jno. & Sons Co., Nashville, Tenn
Creamery Package Mfg. Co. ("Creamery Package"), 61 W. Kinzie, Chicago, Ill.
De La Vergne Machine Co. ("De La Vergne"), ft E 138th, New York
Great Lakes Engineering Works, Detroit, Mich.
Guild & Garrison, 457 Kent av, Brooklyn, N. Y.
Huetteman & Cramer Co., Mack & Beaufait, Detroit, Mich.
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Ruemmell-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
Triumph Ice Machine Co., Oakley, Cincinnati, O.
VILTER MFG. CO., 1046 Clinton, Milwaukee, Wis. *See adv index at end of book*
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

2956a—*Compressors (Carbonic Acid Gas)

NORWALK IRON WORKS CO. ("Norwalk"), South Norwalk, Conn.
See adv index at end of book
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

2957—Compressors (Centrifugal)

DE LAVAL STEAM TURBINE CO. (Turbine & Motor Driven), East Trenton, N. J. *See adv index at end of book*
Ingersoll-Rand Co., 11 Broadway, New York *See adv index at end of book*

2957a—Compressors (Chlorine)

Hercules Engineering Corp., 501 Fifth av, New York

2958— *Compressors (Corliss)

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill.
See adv index at end of book
HOOVEN, OWENS, RENTSCHLER CO., Hamilton, Ohio
See adv index at end of book
INGERSOLL-RAND CO. (Steam Driven), 11 B'way, New York
See adv index at end of book

2959—Compressors (Corn Shock)

Hall Mfg. Co., Monticello, Ia.
Hunt, Helm, Ferris & Co. ("Star"), Harvard, Ill.
Tie Co., Unadilla, N. Y.

2959a—Compressors (Fuel Oil)

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill.
See adv index at end of book

2960—*Compressors (Garage)

A. F. S. Machine Co., 531 S St. Clair, Toledo, O.
CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill.
See adv index at end of book
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

2961— Compressors (Gas)

Abenaque Machine Works ("Abenaque" Portable on Wheels), Westminster Station, Vt.
American Compressor & Pump Co., 801 E Pratt, Baltimore, Md.
Blaisdell Machinery Co., Bradford, Pa.
Bury Compressor Co. (Gas & Gasoline), Erie, Pa.
CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill.
See adv index at end of book
Hall Steam Pump Co., 213 Galveston, N S, Pittsburgh, Pa.
HOOVEN, OWENS, RENTSCHLER CO., Hamilton, O.
See adv index at end of book
INGERSOLL-RAND CO. (Gas Engine Driven), 11 B'way, New York
See adv index at end of book
Kroeschell Bros. Co., 440 W. Erie, Chicago, Ill.
Lane & Bodley Co. (& Air), Tennessee av & Paddack rd, Cincinnati, O.
Mesta Machine Co., Oliver bldg, Pittsburgh, Pa. *See adv index at end of book*
Nash Engineering Co., South Norwalk, Conn.
National Brake & Electric Co., ft Belleview pl, Milwaukee, Wis.
Nordberg Mfg. Co., Chicago & Oklahoma av, Milwaukee, Wis.
NORWALK IRON WORKS CO. (Acetylene, Hydrogen & Oxygen), South Norwalk, Conn. *See adv index at end of book*
Selas Co., 521 W 23d, New York
Spang & Co., Butler, Pa.
WORTHINGTON PUMP & MACHY. CORP. (For Acetylene, Carbonic Acid, Coal, Natural and Oxygen Gas), 115 B'way, New York
See adv index at end of book
Young E. R. & Sons, Titusville, Pa.

2962—Compressors (Gasoline)

Abenaque Machine Works (Portable on Truck), Westminster Station, Vt.
Bury Compressor Co., Erie, Pa.
CHICAGO PNEUMATIC TOOL Co., Fisher bldg, Chicago, Ill.
See adv index at end of book
Curtis & Co. Mfg. Co. (Portable on Truck & Stationary Gasoline Driven), 1571 Kienlen av, St. Louis, Mo.
Denver Hydro Co. (Air), 3100 Stuart, Denver, Col.
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Midwest Engine Co. (Gasoline Driven), Indianapolis, Ind.
Quincy Engine Co., Chambersburg, Pa.
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.

2963—*Compressors (Gasoline Extraction)

Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book

2964—Compressors (Hydraulic, for Web or T Rails, Etc.)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book

2965—Compressors (Hydro - Turbine)

Nash Engineering Co., So Norwalk, Conn.

2966—*Compressors (Low Pressure)

INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*

2967—*Compressors (Mine Car)

Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book

2968—Compressors (Motor Driven)

A. F. S. Machine Co., 531 S St. Clair, Toledo, O.
Bury Compressor Co., Erie, Pa.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Gardner Governor Co., 14 Williamson, Quincy, Ill.
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Sullivan Machinery Co. (On Mine Truck, etc), People's Gas bldg, Chicago, Ill.
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.

2969—*Compressors (Oil Engine Driven)

Ingersoll-Rand Co., 11 B'way New York
See adv index at end of book

2970—Compressors (Oxygen & Hydrogen Gas)

Busch J. C. Co. (For Welding Plants), 140 Ferry, Milwaukee, Wis.
INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*
NORWALK IRON WORKS CO. ("Norwalk"), South Norwalk, Conn.
See adv index at end of book
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

2971—Compressors (Spraying)

Bury Compressor Co., Erie, Pa.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Gardner Governor Co., 14 Williamson, Quincy, Ill.

2971a—Compressors (Sulphur Dioxide)

Hercules Engineering Corp., 501 Fifth av, New York

2972— *Compressors (Turbo)

INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

2973—Compressors (Water Jet, Air)

Schutte & Koerting Co., 1251 N 12th, Phila., Pa.

Comptometers

See Adding Machines

2974— Concentrates

Beer, Sondheimer & Co., Inc. (Selling Agents), 61 B'way, New York

2975— Concentrators

American Zinc, Lead & Smelting Co. (Lead & Zinc), 120 B'way, New York
McCabe Chemical Co. (Brimstone & Pyrites), Charleston, S. C.
United Iron Works Co., Kansas City, Mo.

2975a— Concentrators (Acid)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Chemical Construction Co. ("Chemco" For Sulphuric & Phosphate Acid), Charlotte, N. C.
Duriron Castings Co., Dayton, O.
Pratt Engineering & Machine Co., Atlanta, Ga.
Thermal Syndicate, Ltd., 50 E. 41st, New York

2976—Concentrators (Ammonia)

Gas Machinery Co., 1900 Euclid av, Cleveland, O.
Michigan Ammonia Works, ft Meldrum av, Detroit, Mich.

2977— Concentrators (Ore)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Buchanan C. G. Co., 90 West, New York
Butchart W. A., Mercantile bldg., Denver, Colo.
Colorado Iron Works Co. ("Simplex," "A. & E."), Denver, Colo.
Deister Concentrator Co. ("Deister"), Fort Wayne, Ind.
Deister Machine Co., Fort Wayne, Ind.
Denver Engineering Works Co., Denver, Colo.
Dwight & Lloyd Sintering Co. (For Roasting & Sintering Ores), 29 B'way, New York
Eccleston Machinery Co., Los Angeles, Cal.
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
Huff Electrostatic Separator Co. ("Huff," Electrostatic), 60 India, Boston, Mass.
International Concentrator Co. (Dry), 149 B'way, New York
James Ore Concentrator Co., 35 Runyon, Newark, N. J.
Knoxville Foundry & Machine Co. (For Low Crude Oil), Knoxville, Tenn.
Krom Machine Works ("Krom" Universal Dry Ore), 170 B'way, New York; Works: Jersey City, N. J.
Llewellyn Iron Works ("New Standard"), Los Angeles, Cal.
McFarlane-Eggers Machy. Co. ("Bumper"), Denver, Colo.
Mashek Engineering Co., 90 West, New York
Mecklenburg Iron Works, Charlotte, N. C.
Mine & Smelter Supply Co. ("Wilfley"), 42 B'way, New York
Portage Lake Foundry & Machine Co., Hancock, Mich.
Salt Lake Engng. Works, Salt Lake City, Utah
Senn Concentrator Co., First Nat'l Bank bldg, San Francisco, Cal.
Sutton, Steel & Steel ("S. S. & S.", Dry), Dallas, Tex.
Ticonderoga Machine Works (Pneumatic), Ticonderoga, N. Y.
Traylor Engng. & Mfg. Co., Allentown, Pa.
Union Iron Works Co. ("Craven," "Risdon-Johnston"), 20th & Michigan, San Francisco, Cal.
United Iron Works Co. ("Ford" Complete Plants for Lead & Zinc Ores, etc), Kansas City, Mo.
Webb City & Carterville Foundry & Machine Works, Webb City, Mo.
Western Iron Works, Butte, Mont.
Woodbury Geo. E ("New Woodbury"), 238 Townsend, San Francisco, Cal.
WORTHINGTON PUMP. & MACHY. CORP., 115 B'way, New York
See adv index at end of book

2978—*Concentrators (Overstrom)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*

2979— Concrete Binder

Corrugated Bar Co., Mutual Life bldg, Buffalo, N. Y.
Eastern Expanded Metal Co., 65 Franklin, Boston, Mass.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book

2980—Concrete Block Machinery

See Cement Brick Machines, also Concrete Building Block Machinery

2981— Concrete (Bond)

Living-Stone Co. ("Living-Stone"), Law bldg, Baltimore, Md.
Ransome Leach Co. ("Ransomite"), 115 B'way, New York

2981a— Concrete Breakers (Traction)

Buckeye Traction Ditcher Co. (For Street Work), Findlay, O.

2982— *Concrete Carts

LAKEWOOD BUILT TO LAST The LAKEWOOD ENGINEERING Co. CLEVELAND. OHIO. U.S.A

2982a— *Concrete Chutes

See also Chutes-Concrete

Lakewood Engineering Co. (Line Gates, Two-Way Hopper Switch, Elbow Sections, Hopper Sections), Cleveland, O.
See adv index at end of book

2982b—*Concrete Chuting Systems

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

Concrete Construction

See Concrete Steel Construction, Reinforced; also Contractors, General

2983-4—Concrete Curb (Steel Bound)

Clip Bar Mfg. Co. ("Clip-Bar" Galvanized Curb Guard & Reinforcement), 26th & Penna., Phila., Pa.
Concrete Steel Co., 42 B'way, New York
Electric Welding Co., Benedum Trees bldg, Pittsburgh, Pa.
Steel Protected Concrete Co. ("The Wainwright"), Real Estate Trust bldg, Phila., Pa.

2985—Concrete Floors & Arches

See also Concrete Steel Construction, Reinforced; also Fireproofing, Various Systems
American Concrete Steel Co., Union bldg, Newark, N. J.
Anti-Hydro Waterproofing Co., 9 Orchard, Newark, N. J.
Asbestos Protected Metal Co., Beaver Falls, Pa.
Barber Asphalt Paving Co. ("Bromley" System), Land Title bldg, Phila., Pa.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Flat Slab Patents Co, 332 S Michigan av, Chicago, Ill.
Gaidry L. R. ("Ironite"), 315 Baronne, New Orleans, La.
Kiotz A., 2517 Washington av, New York
Monsted A. Co., Milwaukee, Wis.
National Concrete Fire-Proofing Co., Citizens bldg, Cleveland, O.
Standard Concrete Steel Co., 105 W. 40th, Cleveland, O.
Stevens Iron Works & Fireproofing Co., Cleveland, O.
Turner Construction Co. (System), 244 Madison av, New York
Wood-Mosaic Co. (Steel Woven Wood Block, Concrete Floors), New Albany, Ind.

2986— Concrete Forms

See also Centering, Steel; also Forms, Curb & Sidewalk
American Bridge Co., 30 Church, New York
American Cement Machine Co., Keokuk, Ia.
American Metal Form Co. ("American"), 343 S Dearborn, Chicago, Ill.
Blaw-Knox Co. ("Blawforms"), Farmers Bank bldg, Pittsburgh, Pa.
Collapsible Joist Form Co. (For Building) Finance bldg, Kansas City, Mo.

Fouts C. C. Co., 650 Woodlawn av, Middletown, O.
Ford Meter Box Co. (For Water Works), Wabash, Ind.
HELTZEL STEEL FORM & IRON CO. (Concrete Construction), Warren, O.
See adv index at end of book
Hydraulic Pressed Seel Co. (Steel), 3152 E 61st, Cleveland, O.
McCoy Silo Form Co. (Silo Forms), Bakewell bldg, Pittsburg, Pa.
Merillat Culvert Core Co. (Adjustable, Collapsible, etc), Winfield, Ia.
Overturf C. W. (Overturf Collapsible Culvert Mold), Dumont, Ia.
Pearson & Ludascher Lumber Co., Phila., Pa.
Reichert Mfg. Co. (Metal), 1440 Booth, Milwaukee, Wis.
Witherow Steel Co., Keystone bldg, Pittsburg, Pa.

Concrete Forms (Collapsible)

See Centering, Steel

2987—Concrete Hanger Supports

Racky Albert C. ("Hallo"), 531 S 5th av, Chicago, Ill.

2988— Concrete Inserts

Concrete Steel Co. ("Havemeyer"), 42 B'way, New York
Dayton Malleable Iron Co. ("Bigelow," "Dayton"), Dayton, O.
DIAMOND EXPANSION BOLT CO. ("Diamond"), 87 West, New York
See adv index at end of book
DONLEY BROS. CO., 3625 E. 74th, Cleveland, O. *See adv index at end of book*
Duplex Hanger Co. (Shaft & Rope Hanger), E 53d & Lakeside av, Cleveland, O.
Farwell, Ozmun, Kirk & Co. ("Bigelow" Adjustable), 2d & Jackson, St. Paul, Minn.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Philadelphia Expansion Bolt Co. ("Monarch"), 124 North 6th, Phila., Pa.
Richmond Screw Anchor Co., 61 Park Row, New York
Rockwood Sprinkler Co. ("R. S. Co." Adjustable), Worcester, Mass.
Security Insert Co. ("Security"), 33d & Arch, Phila., Pa.
STAR EXPANSION BOLT CO. ("Sebco"), 147 Cedar, New York
Trucon Steel Co. ("Trus-Con" Pressed Steel Slotted, "Trus-Con," "National," "Kahn" Adjustable), Youngstown, O.

2989-90—Concrete Mixers

Acme Road Machinery Co., Frankfort, N. Y.
Albany Hardware Specialty Mfg Co. ("Albany"), Albany, Wis.
American Cement Machine Co. ("Steel King," "Little Boss"), Keokuk, Ia.
Anderson W. H. Tool & Supply Co., Bush & Macomb, Detroit, Mich.
Archer Iron Works, 2436 W 34th pl, Chicago, Ill.
Associated Mfrs. Co. ("Amanco"), Waterloo, Ia.
Atlas Engineehing Co., 3009 Lisbon av, Milwaukee, Wis.
Badger Concrete Mixer Co. ("Badger"), First Nat. Bk. bldg, Milwaukee, Wis.
Baird Machinery Co. (Dealers), 123 Water, Pittsburgh, Pa.
Biehl Iron Work Inc., Reading, Pa.
Blaw-Knox Co. ("Blaw Ransome"), Farmers Bk. bldg, Pittsburgh, Pa.
Blystone Mfg. Co. ("Blystone," Batch), Cambridge Springs, Pa.
Bolles Wm. B., P O Box 600, Milwaukee, Wis.
Bolte Mfg. Co. ("Bolte"), Kearney, Neb.
Buckeye Engine & Foundry Co. ("Buckeye"), Joliet, Ill.
Buffalo Contractors Equipment Co. (Automatic), Buffalo, N. Y.
Cement Machinery Co. ("Systematic"), Jackson, Mich.
Cement Tile Machinery Co. ("S. S. Line"), Waterloo, Ia.
Chain Belt Co. ("Chain Belt"), Milwaukee, Wis.
Chicago Builders' Specialties Co. ("Little Devil"), 11 S La Salle, Chicago, Ill.
Clarke F. H. Mfg. Co., 10719 Superior av, Cleveland, O.
Clover Leaf Machine Co., South Bend, Ind.
Colorado Concrete Mixer Co. ("Colorado"), Denver, Colo.
Cream City Boiler Co., 37th av & Lapham, Milwaukee, Wis.
Cropp A. J. & Co. ("Cropp"), 1721 W Grand, Chicago, Ill.
Cummings Machine Co. (Batch), Minster, Ohio
Davis Norris K. Machine Wks, 400 7th, San Francisco, Cal.
Demorest Mfg. Co. ("New State," Hand & Power), Enid, Okla.
Dunn W. E. Mfg. Co., Holland, Mich.

BUILDING MIXERS
AND STREET PAVING MIXERS
DYAR SUPPLY CO., CAMBRIDGE, MASS.

Elite Mfg. Co. ("Low Down") ("Low Down" Forced Feed), Ashland, O.
Eureka Machine Co. ("Eureka"), Lansing, Mich.
Excelsior Mixer & Machinery Co. ("Excelsior"), Milwaukee, Wis.
Famous Mfg. Co., East Chicago, Ind.
Farmers' Cement Tile Machine Co. (Batch Mixers), St. Johns, Mich.
Foote Concrete Machy. Co. (Road Paving), 1324 S Michigan av, Chicago, Ill.
Foote C. Mfg. Co., ("Foote" Batch), Nunda, N. Y.
Frank Mfg. Co., Des Moines, Ia.
Gauntt F. G. Mfg. Co., Fort Wayne, Ind.
Green Machinery & Mfg. Co., Dayton, O., & Salt Lake City, Utah.
Hall-Holmes Mfg. Co. ("Grand," "Hartwick"), Jackson, Mich.
Huntington Mach. & F'dry Co., Huntington, Ind.
Ideal Concrete Machinery Co. ("Ideal" & "Cincinnatus"), 1346 Monmouth av, Cincinnati, O.
Interstate Equipment Co., South Bend, Ind.
Iowa Fdry & Mfg. Co. (Batch Mixer), Fort Dodge, Ia.
Jaeger Machine Co. ("Big-an-Little" Batch), 490 Dublin av, Columbus, O.
Kent Machine Co. ("Kent," Continuous), Kent, O.
Knickerbocker Co. ("Coltrin"), Jackson, Mich.
Koehring Machine Co. ("Koehring"), Milwaukee, Wis.
LAKEWOOD ENGINEERING CO. ("Lakewood" Rail Truck, "Milwaukee" & "Wisconsin"), Cleveland, O.
See adv index at end of book

LAKEWOOD BUILT TO LAST The LAKEWOOD ENGINEERING Co. CLEVELAND. OHIO. U.S.A

Lansing Co. ("Broncho" & "Northwestern" Batch, "Advance," "1913," "Lansing" Continuous), Lansing, Mich.
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Marsh-Capron Mfg. Co. ("M-C" Rail Track Mixers), Lumber Exchange, Chicago, Ill.
Miles Co. ("Simplex"), Jackson, Mich.
Municipal Engineering & Contracting Co. ("Austin" Improved Cube), Railway Exchange bldg, Chicago, Ill.
Northfield Iron Co. ("Northfield"), Northfield, Minn.
Northwestern Steel & Iron Works, Eau Clair, Wis.
Overturf C. W., Dumont, Ia.
Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.
Pneumatic Concrete Machinery Co., 2 Rector, New York
Raber & Lang Mfg. Co. ("Crescent" Continuous, "Bull Dog" Batch), Kendallville, Ind.
Ransome Leach Co. ("Oshkosh") (Power & Gravity), 115 B'way, New York
Rapid Mixer Co. ("Rapid" Portable Heater Mixer), Grand Rapids, Mich.
Republic Iron Wks., Tecumseh, Mich.
Schaefer Mfg. Co., Berlin, Wis.
Sheldon Mfg. Co., Nehawka, Neb.
Silo Specialty Mfg. Co., Clinton, Ia.
Sioux City Engine & Machinery Co. ("McCracken"), Sioux City, Ia.
SMITH T. L. CO., THE ("Smith" Tilting and "Smith-Chicago" Non-Tilting Power Mixers; and "Smith" Hand Mixers), 1151 32d, Milwaukee, Wis.
Speed Machine Co., Passaic, N. J.
Standard The Scale & Supply Co. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa.
Stehling Chas. H. Co., 401 4th, Milwaukee, Wis.
Sterling Pattern Works ("Sterling"), Sterling, Ill.
Svenson-Shuman Machine Co. ("Svenson"), Oliver bldg, Pittsburgh, Pa.
Sybilla Elevator & Mfg. Co., Chattanooga, Tenn.

The Donley Insert

The Donley Insert

is a malleable iron anchorage to which, when imbedded in concrete, anything may be bolted. It is used wherever anchorage to ceilings, walls or columns is required for shafting, trolley and conveyor tracks, sprinkler systems, machinery, heating and plumbing pipes, etc.

Notice the design of the Donley Insert. It has been demonstrated to engage enough concrete and also the correct distribution of metal to develop the strength of the bolt for which it is designed. Made for ½", ⅝" and ¾" bolts.

THE DONLEY BROTHERS COMPANY
3624 East 74th Street, Cleveland, Ohio

CONCRETE MIXERS—continued

Turner Mfg. Co. ("Simplicity"), Port Washington, Wis.
Twentieth Century Mixer Co. ("20th Century"), Connersville, Ind.
United Engine Co. ("United" Batch), Lansing, Mich.
Waterloo Cement Machinery Corp. ("Polygon," "Little Wonder Fine," "Wonder Ten"), Waterloo, Ia.
Wegge E. Concrete Machinery Co., La Crosse, Wis.
Western Mfg. Co., Oskaloosa, Ia.
Whitman Agricultural Co. (Continuous), 7000 S B'way, St. Louis, Mo.
Worthington Pump & Machy Corp. (With Oil Engines, Steam Engines, or Electric Motor), 115 B'way, New York
See adv index at end of book

2991—*Concrete Mixers for Street Paving

Littleford Bros., 444 E Pearl, Cincinnati, O.
SMITH, T. L. CO. THE ("Smith-Chicago" High Drum Paver), 1151 32d, Milwaukee, Wis.

2992—Concrete Reinforcing Bars (Iron & Steel)

See also Concrete Reinforcing Materials. This list contains only the Rolling Mills who roll this material, with the exception of advertisers who appear in Black Type

ALLOY STEEL PRODUCTS CORP., 30 Church, New York
See adv index at end of book
Ashland Steel Co. (Bessemer Steel), Ashland, Ky.
Atlantic Steel Co. (Open Hearth Steel, Twisted, Plain & Corrugated Bars Up to 80 Feet), Atlanta, Ga.
Bethlehem Steel Co. (Bessemer & Open Hearth Steel Plain Rounds, Squares of Merchant Mill Lengths), S. Bethlehem, Pa.
Calumet Steel Co. (Bessemer Steel, Round & Deformed Square of Any Lengtn), 208 S La Salle, Chicago, Ill.
Cambria Steel Co. (From ¼ to 1¼ Inches), Widener bldg, Phila., Pa.
Carnegie Steel Co. (Bessemer & Open Hearth Steel), Carnegie bldg, Pittsburgh, Pa.
Colorado Fuel & Iron Co. (Iron & Open Hearth Steel, Twisted & Corrugated Bars From ¼ to 1½ Inches Up to 60 Feet), Denver, Colo.
Concrete Steel Co. ("Havemeyer Deformed"), 42 B'way, New York
Crouch W. J. Co., Inc., 2531 B'way, New York
Crucible Steel Co. of America (Steel Squares From ¼ to 1¼ Inches & Assorted Sizes of Flats & Twisted Up to 60 Feet), Oliver bldg, Pittsburgh, Pa.
Davis Bros., 29th & Bristol, Phila., Pa.
Fort Wayne Rolling Mills Corp. (Iron & Soft Steel Bars Up to 60 Feet), Fort Wayne, Ind.
Franklin Steel Works (Twisted Rounds & Squares ¼ to 1¼ Inches & Flats from ⅛x1 to ⅜x2½ Inches Up to 60 Feet), Franklin, Pa.
Gulf States Steel Co. (Cold Twisted Squares, Plain Squares & Plain Rounds), Birmingham, Ala.
Illinois Car & Mfg. Co., 20 W Jackson blvd, Chicago, Ill.
Illinois Steel Co. (Cold Twisted Square, Plain, Round, Flat & Square Bars, etc), 208 S La Salle, Chicago, Ill.
INLAND STEEL CO. (Open Hearth & Rail Carbon Steel Rounds, Squares, and Deformed Bars Up to 85 Feet in Length), First Natl. Bk. bldg, Chicago, Ill.
Interstate Iron & Steel Co., 1st Natl. Bk. bldg, Chicago, Ill.
Jones & Laughlin Steel Co. (Bessemer & Open Hearth Steel Diamond Bars & Twisted Squares, Any Size), Ross, Pittsburgh, Pa.
KALMAN PAUL J. CO., (Merchts.), Natl. Bank bldg, St. Paul, Minn.
Kansas City Bolt & Nut Co. (Steel ¼ to 1¼ in. Twisted Squares, Plain Rounds & Squares, Deformed Bars Up to 60 ft.), Kansas City, Mo.
Lackawanna Steel Co. (Bessemer & Open Hearth Steel ¼ to 1¼ Inch Twisted Squares, Plain Rounds & Squares & "Maxwell" & Corrugated Bars Up to 60 Feet), Buffalo, N. Y.
Laclede Steel Co. (Twisted Squares Deformed Rounds & Squares; Sizes ⅜ to 1¼ inch), Federal Reserve Bank bldg, St. Louis, Mo. Works: Madison, Ill.
Lebanon Valley Iron & Steel Co. (Iron & Steel Bars, All Sizes & Any Length), Lebanon, Pa.
Lockhart Iron & Steel Co. (Iron & Steel Rounds, Flats, Squares, Hexagons, etc), Pittsburgh, Pa.; Works: McKees Rocks, Pa.
Logan Iron & Steel Co. (Iron & Bessemer & Open Hearth Steel Plain Rounds, Flats & Squares), Morris bldg, Phila., Pa.
Marion Malleable Iron Works (Bar Couplings), Marion, Ind.
Pacific Coast Steel Co (Bars, Round Square & Flat, Steel Corrugated Bars), Rialto bldg, San Francisco, Cal.
Pardee C. Works (Open Hearth Steel Full Length Rounds & Twisted Squares), Perth Amboy, N. J.
Paterson-Leitch Co. (Jobbers), 936 E 67th, Cleveland, O.
Portland Iron & Steel Co. (Iron & Open Hearth Steel Plain & Twisted Rounds, Squares, etc, Up to 150 Feet in Length), South Portland, Me.
Railway Steel Spring Co. (Open Hearth Steel Rounds, Squares & Deformed Bars From ¼-Inch to 2-Inch Rounds & Up to 100 Feet in Length), 30 Church, New York.
Republic Iron & Steel Co. (Iron & Bessemer & Open Hearth Steel Rounds, Squares & Deformed or Twisted Bars of Any Length Up to 90 Feet), Youngstown, O.
Rockaway Rolling Mill (Iron & Open Hearth Steel Rounds, Flats, Squares, etc, Any Length), Rockaway, N. J.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
SOULE EDWARD L. CO. (Corrugated & Twisted), Rialto bldg, San Francisco, Cal. *See adv index at end of book*
Sweets Steel Co. (Open Hearth Steel Diamond Bars From ¼ to 1¼ Inches Up to 75 Feet in Length), Williamsport, Pa.
Sylvester Co. (Iron & Steel Plain Rounds, Squares, etc, Any Length), 141 Milk, Boston, Mass.
Tennessee Coal, Iron & R. R. Co. (Open Hearth Steel Rounds & Squares), Birmingham, Ala.
Texas Rolling Mill Co. (Iron & Steel Square & Knotted Cold Twisted Bars From ⅜ to 1¼ Inches Up to 120 Feet in Length), Fort Worth, Tex.
Upson Nut Co. (Twisted Bars), Cleveland, O.
Witherow Steel Co., Keystone bldg, Pittsburgh, Pa.
Woods, Huddart & Gunn, 444 Market, San Francisco, Cal.

2993—Concrete Reinforcing Materials

See also Concrete Reinforcing Bars

American Concrete Steel Co., 27 Clinton, Newark, N. J.
American Rolling Mill Co. ("Kuhne's" Truss Metal), Middletown, O.
American Sheet & Tin Plate Co. (Steel), Frick bldg, Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO. (Triangle Mesh), 208 La Salle, Chicago, Ill. *See adv index at end of book*
American System of Reinforcing ("American" Systems of Rods & Wire Fabric, Zigzag Beam Wrapping, etc), 10 S La Salle, Chicago, Ill.
American Wire Fence Co. (Wire Fibre), 10 S La Salle, Chicago, Ill.
Asbestos Protected Metal Co. ("Asbestosteel"), First Nat'l Bank bldg, Pittsburgh, Pa.
Ashland Steel Co. (Corrugated & Twisted), Ashland, Ky.
Beckley Perforating Co. (Special Shapes), Garwood, N. J.
Berger Mfg. Co. ("Ferro Lithic" Interlocking Plates for Concrete), Canton, Ohio
Bostwick Steel Lath Co., Niles, O.
Bourne-Fuller Co. (Bars), Hickox bldg, Cleveland, O.
Brown Hoisting Machinery Co. ("Ferroinclave"), 4403 St. Clair, N E, Cleveland, O.
Buffalo Steel Co. (Twisted & Deformed, Plain Squares & Rounds), Tonawanda, N. Y.
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.
Calumet Steel Co. (Steel Bars & Shapes, Plain & Deformed Squares), 208 S La Salle, Chicago, Ill.
Cambria Steel Co. (Steel Bars), Widener bldg, Phila., Pa.
Campbell Wire Specialty Works (Wire Anchors, Rods, Wall Ties, Staples, etc), South Bend, Ind.
Carnegie Steel Co. (Twisted Steel Bars), Carnegie bldg, Pittsburgh, Pa.
Clinton Wire Cloth Co. (Electrically Welded Steel Wire Fabrics), Clinton, Mass.

AWARDED
PANAMA PACIFIC GRAND PRIZE INTERNATIONAL EXPOSITION

TRIANGLE MESH
Concrete Reinforcement
for PAVEMENTS AND ROADWAYS AND BUILDING CONSTRUCTION WHERE CEMENT IS USED
MADE BY
American Steel & Wire Company
Chicago New York Cleveland Pittsburgh Denver
UNITED STATES STEEL PRODUCTS COMPANY
Pacific Coast Department: San Francisco, Los Angeles, Seattle, Portland
Export Department: 30 Church Street, New York

Concrete Steel Co. ("Havemeyer" Steel Bars, etc), 42 B'way, New York
Concrete Steel Engineering Co. (Steel Bars, etc) 13 Park Row, New York
Consolidated Expanded Metal Co.'s, Braddock, Pa.
Corrugated Bar Co. (Corrugated Steel Bars), Mutual Life bldg, Buffalo, N. Y.
Corrugated Bar Co., National Bk. of Commerce bldg, St. Louis, Mo.
De Forest Sheet & Tin Plate Co. (Corrugated Sheet Metals), Niles, O.
See adv index at end of book
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Electric Welding Co. ("Cummings System"), Benedum Trees bldg, Pittsburgh, Pa.
Expanded Metal Engng. Co., 8 W 40th, New York
Fort Wayne Rolling Mill Corp., Fort Wayne, Ind.
Franklin Steel Works (Steel Bars, Plain Rounds & Squares & Square Twisted), Franklin, Pa.
Gabriel Reinforcement Co. ("Gabriel" Reinforcing Bar), Penobscot bldg, Detroit, Mich.
General Fireproofing Co. ("Self-Sentering," Expanded Metal & Wire Fabric), Youngstown, O.
Goldsmith Metal Lath Co., 53 Central av, Cincinnati, O.
Hanson A. P. & Son ("Unit" Spacing Bar), 1911 Emerson av, Chicago, Ill.
Hubbard & Co. (Ore Process for Reinforcing Wooden Poles), 63d & Butler, Pittsburgh, Pa.
Hunkins-Willis Lime & Cement Co. (Also "Craver" Bar Tie-Seat), Century bldg, St. Louis, Mo.
Interstate Iron & Steel Co., First Nat'l Bk. bldg, Chicago, Ill.
KALMAN PAUL J. CO., (Merchts.), Nat'l Bank bldg, St. Paul, Minn.
Kansas City Bolt & Nut Co. (Steel Bars, Plain, Round & Square, Twisted Squares & Flat), Kansas City, Mo.
Laclede Steel Co. (Twisted Squares, Deformed Bars), Federal Reserve Bk. bldg, St. Louis, Mo. Works: Madison, Ill.
Neevel Mfg. Co. ("U." Benders, Clamps, Reinforcing Supports & Wall Ties), Kansas City, Mo.
Northwestern Expanded Metal Co., Old Colony bldg, Chicago, Ill.
Page Steel & Wire Co. (Reinforcing Wire Fabric), Adrian, Mich.
See adv index at end of book
Paterson-Leitch Co, 936 E 67th, Cleveland, O.
Reinforced Concrete Co. (Twisted Steel Bars, Fabrics, Spirals, "Reco" Continuous Patent Stirrups), Wright bldg, St. Louis, Mo.
Republic Iron & Steel Co. (Rounds, Flats, Squares & Cold Twisted Bars), Youngstown, O.
Republic Structural Iron Works Co., 1350 E 53d, Cleveland, O.
Smith A. L. Iron Works, (rods), 217 Everett av, Chelsea, Mass.
Smith F. P. Wire & Iron Works (Spiral Column, Stirrups & Shear Bars for Concrete Beams, Columns, etc), 2340-2348 Clybourn av, Chicago, Ill.
See adv index at end of book
Thomas Steel Reinforcement Co., Concrete Pavement), Armon & M. C. R., Detroit, Mich.
Truscon Steel Co. (Kahn System), Youngstown, O.
Wight W. N. & Co. (Lock Woven Steel Fabric), 5 Beekman, New York

2994— Concrete Sockets

Farwell, Ozmun, Kirk & Co. ("Bigelow"), 2nd & Jackson, St. Paul, Minn.
Liebrich Fred ("Bigelow" Adjustable Socket Bracket, &c., of Malleable Iron), Monadnock blk, Chicago, Ill.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER

2995—Concrete Steel Construction (Reinforced)

See also Contractors, Building & General

Aberthaw Cons. Co., 27 School, Boston, Mass.
Allbrecht A. & Co., Penobscot bldg., Detroit, Mich.
Almion Engineering & Contracting Co., 25 Church, New York
Altoona Concrete Construction & Supply Co., Altoona, Pa.
Ambursen Constr. Co. (Dams, Bulkheads, etc), 61 B'way, New York
American Concrete Paving Co., Buffalo, N. Y.
American Concrete Steel Co., 27 Clinton, Newark, N. J.
American Construction Co. (Dams, Bulkheads, etc), Rockefeller bldg, Cleveland, O.
Amsterdam Building Co., 140 W 42nd, New York
Asbestos Protected Metal Co., Beaver Falls, Pa.
Austin Construction Co., Matthews bldg, Milwaukee, Wis.
Barre Ferdinand Equitable bldg, Baltimore, Md.
Bates & Rogers Construction Co. (Heavy Bridge Work, etc), 37 W Van Buren, Chicago, Ill.
Bentley A. & Sons Co., Toledo, O.
Bick J. N., The Nasby, Toledo, O.
Black Hawk Construction Co., Waterloo, Iowa
BLOME-SINEK CO., 139 N Clark, Chicago, Ill.
Boland C. P. & Co., 30 4th, Troy. N. Y.
Bostwick Steel Lath Co., Niles, O.
Brown Hoisting Machinery Co. ("Ferroinclave"), 4403 St. Clair, N E, Cleveland, O.
Brown John G., Witherspoon bldg, Philadelphia, Pa.
Buffalo Expanded Metal Co., 120 Hardwood pl, Buffalo, N. Y.
Campbell Wire Specialty Works (Wire Anchors, Rods, Wall Ties, Post Staples, etc), South Bend, Ind.
Carmichael Wm. P. Co., Williamsport, Ind.
Central Concrete Const. Co., Louisville, Ky
Chesley, Earl & Heimbach, 20 Breckenridge, Buffalo, N. Y.
Chickamauga Quarry & Const. Co., Chattanooga, ITenn.
Clough Concrete Construction Co., Quincy, Ill.
Concrete Construction Co., Empire bldg, Pittsburgh, Pa.
Concrete Engineering Co., Omaha, Neb.
Concrete Foundation Co., Sharp bldg, Kansas City, Mo.
Concrete Steel Bridge Co., Clarksburg, W. Va.
Concrete Steel Co., 42 B'way, New York
Concrete & Steel Const. Co., Joplin, Mo.
Connelly J. Construction Co., Leader-News bldg, Cleveland, O.
Consolidated Engineering Co., Calvert bldg, Baltimore, Md.
Corrugated Bar Co. (Corrugated Steel Bars), Mutual Life bldg, Buffalo, N. Y.
Cranford Construction Co., Gerke bldg, Cincinnati, O.
Cranford Paving Co., 2620 E N W, Washington, D. C.
Crescent Concrete Co., Erie Co. Bank bldg, Buffalo, N. Y.
Cullen & Vaughn Co, 450 Dayton, Hamilton, O.
Cullinan Thomas F. Co., Providence, R. I.
Cummings Structural Concrete Co. ("Cummings" System), Benedum Trees bldg, Pittsburgh, Pa.
Curtiss & Dean, Hartford, Conn.
Denholm & Co., 622 E McMillan, Cincinnati, O.
Denton & Co., 7 E 42nd, New York
Drehmann Paving Co., 2622 Parrish, Philadelphia, Pa.
Durolithic Co., Buffalo, N. Y.
Eastern Concrete Steel Co., Buffalo, N. Y.
Eid L. Concrete Steel Co., 1206 Liberty, Cincinnati, O.
Electric Welding Co., Benedum Trees bldg, Pittsburgh, Pa.
Ensign G. W. Inc., Harrisburg, Pa.
Expanded Metal Engineering Co. (Reinforced), 80 W 40th, New York
Expanded Metal Fireproofing Co., 541 Wood, Pittsburgh, Pa.
Farbes Richd. J. H., Monadnock bldg, San Francisco, Cal.
Fath Construction Co., 4403 Perkins av, Cleveland, O.
Fell Henry R. Co., Trenton, N. J.
Ferguson Hugh, Pittsburgh Life bldg, Pittsburgh, Pa.
Ferro-Concrete Construction Co., Richmond & Harriet, Cincinnati, O.
Foster & Creighton Co., Nashville, Tenn.
Foster-Vogt Co., Sharon bldg, San Francisco, Cal.
Gabriel Reinforcement Co. ("Gabriel" System), Penobscot bldg, Detroit, Mich.
General Construction Co., 3038 Galena, Milwaukee, Wis.
General Fireproofing Co., Youngstown, O.
Gilsonite Construction Co., Wainwright bldg, St. Louis, Mo.
Godwin Const. Co., 251 4th av, New York
Goldsmith Metal Lath Co., 53 Central av, Cincinnati, O.
Gould Construction Co., Davenport, Ia.
Grant Geo. J. Construction Co., Exchange Bk. bldg, St. Paul, Minn.
Great Lakes Dredge & Dock Co., 104 S Michigan av, Chicago, Ill.
Greenfield Arthur (Inc.), (Reinforced Floors, etc), 204 E 26th, New York
Guarantee Const. Co., 140 Cedar, New York
Hall-Crawford Contracting Co., Macon, Ga.
Harry S. J. Co., Connellsville, Pa.
Harvey-Burden Const. Co., Chemical bldg, St. Louis, Mo.
Heine Chimney Co. (The), 123 W Madison, Chicago, Ill.
Hennebique Construction Co., 1170 B'way, New York
Heyworth J. O., 606 S Michigan, Chicago, Ill.
Hinchman-Renton Fireproofing Co., Denver, Colo.
Hoeffer & Co., 133 W Wash'n, Chicago, Ill.
Horton Concrete Construction Co, Reliance bldg, Kansas City, Mo
Hudson Concrete Construction Co., 452 Montgomery, Jersey City, N. J.
Hunt Engineering Co., 513 Republic, Kansas City, Mo.
Industrial Engineering Co., 30 Church, New York
KALMAN, PAUL J. CO., Merchts Nat'l Bank bldg, St. Paul, Minn.
Kansas City Bridge Co., Kansas City, Mo.
Kearns W. F. Co., Cambridge, Mass.
Kraft A. B., York, Pa.
Kidde Walter & Co., Inc., 140 Cedar, New York
Lafayette Engineering Co., Lafayette, Ind.
Lanquist & Illsley Co., 1100 N Clark, Chicago, Ill.
Leighton H. N. & Co., 127 S 10th Minneapolis, Minn.
Leonard Construction Co., 332 S Michigan, Chicago, Ill.
Ley Fred T. & Co., Inc., 499 Main, Springfield, Mass.; 185 Devonshire, Boston, Mass., & 19 W 44th, New York
Lucius Engineering Co., Hartje bldg, Pittsburgh, Pa.
McKinnon Construction Co., 70 Water, Providence, R. I.
Masters & Mullen Const. Co., Rose bldg, Cleveland, O.
Memphis Bridge Co., Memphis, Tenn.
Menke F. W. Stone & Lime Co., Quincy, Ill.
Midland Bridge Co., Kansas City, Mo.
Monolithic Silot & Const. Co., 122 S Michigan av, Chicago, Ill.
Monsted A. Co., Pabst bldg, Milwaukee, Wis.
Moyer Engineering & Construction Co., 375 Fulton, Brooklyn, N. Y.
National Bridge Co. (Bridge Works a Specialty), Indianapolis, Ind.
National Concrete Co. (Bridges, etc), Trac. Terminal bldg, Indianapolis, Ind.
National Concrete Const. Co., Louisville, Ky.
National Concrete Fireproofing Co., Citizens bldg, Cleveland, O.
National Supply & Construction Co., Ellwood City, Pa.
N. E. Concrete Construction Co., 201 Devonshire, Boston, Mass.
Neeld C. M. Construction Co., Oliver bldg, Pittsburgh, Pa.
Neuchatel Asphalt Co., 79 Tompkins, New York
Nicola Building Co., Lambert & Penna. av, Pittsburgh, Pa.
Northwest Bridge Works, Portland, Ore.
Olson & Johnson Co., Missoula, Mont.

CONCRETE STEEL CONSTRUCTION (REINFORCED)—continued

Osborn Engineering Co., (Designers of Grand Stands for Ball Parks, Driving Parks, etc), 2848 Prospect av, Cleveland, O.

Otis Cement Construction Co., Hammond bldg, Detroit, Mich.

Parsons & Lantry, 30 Church, New York

Philadelphia Contracting Co., 5622 Germantown, Phila., Pa.

Pueblo Bridge Co. (Bridges, etc), Pueblo, Colo.

Puget Sound Bridge & Dredging Co., Seattle, Wash.

Rackie Geo. & Sons Co., Cleveland, O.

Raymond Concrete Pile Co., 140 Cedar, New York

Read-Coddington Engineering Co., Niagara Falls, N. Y.

Reaugh Construction Co., 2835 E 51st, Cleveland, O.

Reinforced Concrete Co. (Consulting), Wright bldg, St. Louis, Mo.

Requarth C. W. Co., Charlotte, N. C.

Richards - Neustadt Construction Co., Wright & Callender bldg, Los Angeles, Cal.

Roberts & Schaefer Co. (Locomotive Coaling Stations, Coal Tipples & Power Houses), 332 S Michigan av, Chicago, Ill.

Robinson J. L. Construction Co., Knickerbocker bldg, Baltimore, Md.

Roos Bros., 2824 Stanton av W. H., Cincinnati, O.

Rust Engineering Co., Farmers Bk. bldg, Pittsburgh, Pa.

Savannah Engng. & Constr. Co., Savannah, Ga.

Schillinger Bros. Co., 215 City Park av, Toledo, O.

Schutz, Shreiner & Clyde Co., May bldg, Pittsburgh, Pa.

Simpson Bros. Corp., 166 Devonshire, Boston, Mass.

SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book

Soper Engineering Co., Chattanooga, Tenn.

Southern Ferro Concrete Co., Atlanta, Ga.

Sperry Engineering Co., 82 Church, New Haven, Conn.

Standard Concrete Construction Co., 108 S La Salle, Chicago, Ill.

Standard Concrete Steel Co., 105 W 40th, New York

Stark N. M & Co. (Bridges, etc), Des Moines, Ia.

Sterling Engng. & Constr. Co., 720 Caswell blk, Milwaukee, Wis.

Structural Concrete Co., Dayton, O.

Stuart James L., 233 Olive av, Pittsburgh, Pa.

Swenson Construction Co., Shubert Theater bldg, Kansas City, Mo.

Syracuse Bridge Co. (Bridges, Foundations, etc), Syracuse, N. Y.

Talbott H. E. Co. (Bridges, Buildings, etc), City Nat'l Bk. bldg, Dayton, O.

Topeka Bridge & Iron Co. (Bridges, etc., Topeka, Kan.

Truscon Steel Co. (Kahn System), Youngstown, O.

Tucker & Laxton, Charlotte, N. C.

Tucker & Vinton (Steel Concrete Structures), 216 E 41st, New York

Turner C. A. P. ("Mushroom" System), 627 1st av N, Minneapolis, Minn.

Turner Concrete Steel Co., 1713 Sansome, Phila., Pa.

Turner Const. Co. ("Turner for Concrete" Reinforced Concrete Construction), 244 Madison av, New York

Webber Construction Co., 29 W 34th, New York

Weber Chimney Co. (Reinforced Concrete Chimneys, etc), McCormick bldg, Chicago, Ill.

Weiland Edw. A., Clark & Independence, Cleveland, O.

West Construction Co., American bldg, Baltimore, Md.

Western Expanded Metal & Fireproofing Co., San Francisco, Cal.

Westinghouse, Church, Kerr & Co., 37 Wall, New York

White F. O. Construction Co., 183 River, Boston, Mass.

Whittaker & Diehl, Harrisburg, Pa.

Wisconsin Cement Const. Co., 1000 Humboldt av, Milwaukee. Wis.

Witherow Steel Co., Keystone bldg, Pittsburgh, Pa.

2996— *Condensers (Air)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

2997— Condensers (Ammonia)

Baker Ice Machine Co., Omaha, Neb.

Carbondale Machine Co., Carbondale, Pa.

Case W. A. & Sons Mfg. Co., Buffalo, N. Y.

Columbus Iron Works, Columbus, Ga.

Kupferle Bros. Mfg. Co., 600 N 2d, St. Louis, Mo.

Lummus Walter E. Co., 173 Milk, Boston, Mass.

Shipley Construction & Supply Co., ft. of Warren, B'klyn, N. Y.

Triumph Ice Machine Co., Oakley, Cincinnati, O.

VILTER MFG. CO., 1046 Clinton, Malwaukee, Wis. *See adv index at end of book*

VOGT BROS. MFG. CO., Louisville, Ky.
See adv index at end of book

York Mfg. Co., Ltd., York, Pa.

2998—Condensers (Barometric)

ALBERGER PUMP & CONDENSER CO., 140 Cedar, New York

ALLIS-CHALMERS MFG. CO., ("Tomlinson"), Milwaukee, Wis.
See adv index at end of book

Blake Pump & Condenser Co., Fitchburg, Mass.

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

Devine J. P. Co., Buffalo, N. Y.

Ingersoll-Rand Co. ("Beyer" Counter-Current), 11 Broadway, New York
See adv index at end of book

KELLOGG M. W. CO., ("Bulkley"), 90 West, New York
See adv index at end of book

BAROMETRIC CONDENSERS and VACUUM PUMPS

Reduce Your Steam Consumption

(Write for Bulletin R)

Mesta Machine Company

PITTSBURGH, PA., U. S. A.

Quintard Iron Works Co., 742 E 12th, New York

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Wetherill Robt. & Co., Chester, Pa.

Wheeler C. H. Mfg. Co., Lehigh av & N 18th, Phila., Pa.

WHEELER CONDENSER & ENGINEERING CO., Carteret, N. J.
See adv index at end of book

WORTHINGTON PUMP & MACHINERY CORP., 115 Broadway, New York
See adv index at end of book

2998a—*Condensers (Centrifugal)

WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book

2998b—*Condensers (Chemical)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

2999—Condensers (Chemical Works, Etc.)

Baeuerle & Morris, 932 N Front, Phila., Pa.

Case W. A. & Sons Mfg. Co., Buffalo, N. Y.

Devine J. P. Co., Buffalo, N. Y.

Durion Castings Co., Dayton, O.

Gerstein Bros. & Cooper, 3 W 3rd, South Boston, Mass.

Griscom-Russell Co., 92 West, New York
See adv index at end of book

Lummus Walter E. Co., 173 Milk, Boston, Mass.

2999a—Condensers (Distilled Water)

Row & Davis Engineers, Inc., 90 West, New York *See adv index at end of book*

2999b—Condensers (Eductors)

Schutte & Koerting Co., 1251 N 12th, Phila., Pa.

3000— *Condensers (Ejector)

Devine J. P. Co., Buffalo, N. Y.

Worthington Pump & Mach'y Corp. ("Spirojector"), 115 Broadway, N. Y.
See adv index at end of book

3001— Condensers (Electric)

Automatic Electric Co., 1001 W Van Buren, Chicago, Ill.

Bunnell J. H. & Co., 32 Park pl, New York

Condensite Co. of Am., Bloomfield, N. J.

Dubilier Condenser Co., 217 Centre, New York

Electric Specialty Co., Cresco, Ia.

Foote, Pierson & Co., 160 Duane, New York

Leeds & Northrup Co., Stenton av, Gtn., Phila., Pa.

Marconi Wireless Telegraph Co. (High & Low Tension), Woolworth bldg, New York

Pearce Fred'k Co., 20 Rose, New York

STROMBERG - CARLSON TELEPHONE MFG. CO., Rochester, N. Y.
See adv index at end of book

Thompson-Levering Co. ("Peerless"), 323 Arch, Phila., Pa.

Warner Electric Co., Muncie Ind.

Western Electric Co., 463 West, New York

3002— Condensers (Gas)

See also Gas Works Apparatus & Construction

Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.

Cruse-Kemper Co., Ambler, Pa.

Gas Machy. Co., 1900 Euclid av, Cleveland, Ohio

Isbell Porter Co. (Primary & Secondary for Fresh or Salt Water), 46 Bridge, Newark, N. J.

Quintard Iron Works Co., 742 E 12th, New York

Stacey Bros. Gas Construction Co., Sta P, Cincinnati, Ohio

Stacey Mfg. Co., Big Four R R, Township av, Elmwood, Cincinnati, O.

Western Gas Construction Co., Ft. Wayne, Ind.

Wood R. D. & Co., 400 Chestnut, Phila., Pa.

Condensers (Independent)

See Condensers, Steam

Condensers (Jet)

See Condensers, Steam

3002a—*Condensers (Multi-Jet for Steam Engines, Turbines & Evaporators)

Schutte & Koerting Co., 1251 N. 12th, Philadelphia, Pa.

3002b—*Condensers (Obnoxious Vapor)

Schutte & Koerting Co., 1251 N. 12th, Philadelphia, Pa.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL REGISTER

3003—Condensers (Oil Refining)

HAMMOND IRON WORKS, Warren, Pa.
See adv index at end of book
Lummus Walter E. Co., 173 Milk, Boston, Mass.
Petroleum Iron Works Co. ("Leman," "Counter Current"), Sharon, Pa.
Standard Boiler & Plate Iron Co., Niles, O.
Teachout H. E. Boiler Works, E 37th & Erie R. R., Cleveland, O.

3004—Condensers (Reflecting, For Dark-Field Illumination)

Leitz Ernest, 30 E 18th, New York

3005— Condensers (Steam)

Advance Pump & Compressor Co. (Jet), 60 Flint, Battle Creek, Mich.
ALBERGER PUMP & CONDENSER CO. (Jet & Surface, "Wainwright"), 140 Cedar, New York
ALLIS-CHALMERS MFG. CO. (Jet), Milwaukee, Wis. *See adv index at end of book*
American Engineering Co. (Surface for Marine Work), Aramingo av & Cumberland, Phila., Pa.
American Steam Pump Co. (Jet & Surface), Battle Creek, Mich.
Baeuerle & Morris (Surface, Brass, Copper, Iron, Steel & Block Tin), 932 N Front, Phila., Pa.
Baker Ice Machine Co. (Surface), Omaha, Neb.
Baragwanath Wm. & Son (Siphon & Surface), 53 W. Jackson blvd., Chicago, Ill.
Blake Pump & Condenser Co. (Air & Steam Turbine, etc), Fitchburg, Mass.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Buffalo Steam Pump Co. (Jet, Surface, etc), Buffalo, N. Y.
Butler Mfg. Co. ("B. M. C." Flask), Kansas City, Mo.
CAMERON A. S. STEAM PUMP WORKS (Jet, Barometric, Surface, etc), Bowling Green bldg, New York
See adv index at end of book
Cresson-Morris Co. ("Beyer" Patent), Allegheny & 18th, Phila., Pa.
Davidson M. T. Co. (Surface & Jet), 43 Keap, Brooklyn, N. Y.
Dean Bros. Steam Pump Works (Jet & Surface), 327 W 10th, Indianapolis, Ind.
DE LAVAL STEAM TURBINE CO., East Trenton, N. J. *See adv index at end of book*
Devine J. P. Co., Buffalo, N. Y.
Epping-Carpenter Pump Co. (Surface & Jet), ft 43d, Pittsburgh, Pa.
Eynon-Evans Mfg. Co., N 15th, Clearfield, Philadelphia, Pa.
Flynn W. S., 76 Hudson, Jersey City, N. J.
Fouts C. C. Co., 650 Woodlawn av, Middletown, O.
Great Lakes Engineering Works (Twin Vertical Air Pump Condenser Combined, for Salt, Sugar & Chemical Works), Detroit, Mich.
Griscom-Russell Co. ("Goubert" Surface, 92 West, New York
See adv index at end of book
Hewes & Phillips Iron Works ("Venturi" Independent), 8 Orange, Newark, N. J.
Ingersoll-Rand Co. ("Beyer," Barometric), 11 Broadway, New York
See adv index at end of book
Jackson Byron Iron Works, Berkeley, Cal.
Kellogg M. W. Co. ("Bulkley"), 90 West, New York *See adv index at end of book*
Leitz Ernest, 30 E 18th, New York
McGowan Jno. H. Co., 52 Central av, Cincinnati. O.
Manistee Iron Works Co. (Rotary Jet), Manistee, Mich.
Marshall Foundry Co., 28th, Pittsburgh, Pa.
National Foundry & Machine Co., Louisville, Ky.
National Steam Pump Co., Upper Sandusky, Ohio
Nordberg Mfg. Co. (Independent, Jet & Surface), Chicago & Oklahoma av, Milwaukee, Wis.
Northwestern Iron Works, Seattle, Wash.
Quintard Iron Works Co. (Surface), 742 E 12th, New York
ROW & DAVIS, ENGINEERS, INC., 90 West, New York
See adv index at end of book
Schutte & Koerting Co., 1251 N. 12th, Philadelphia, Pa.
Scranton Pump Co. (Jet Condensers & Pumps), Scranton, Pa.
Southwark Foundry & Machine Co. ("Weiss"), 430 Washington av, Philadelphia, Pa.
Standard Water Systems Co. ("Tripure," Multicoil & Straight Tube Type), Hampton, N. J.
Stewart Heater Co., Buffalo, N. Y.
THROPP'S JOHN E. SONS CO. (Surface), ft of Lewis, Trenton, N. J.
See adv index at end of book

CONDENSERS

High vacuum surface and jet condensers; cooling towers; air pumps; centrifugal pumps; brass and copper tubes; chemical evaporators; dryers and special machinery.

Give us as much information as possible in your first letter concerning your conditions, so that we can quote promptly and intelligently.

WHEELER CONDENSER & ENGINEERING CO.
Carteret, New Jersey

Triumph Ice Machine Co., Oakley, Cincinnati, O.
Union Steam Pump Co., Battle Creek, Mich.
Vertical Condenser Co. ("Zeigler" Vertical Combined Condenser & Re-Boiler), Gerke bldg, Cincinnati, O.
VILTER MFG. CO., 1046 Clinton, Milwaukee, Wis. *See adv index at end of book*
VOGT BROS MFG. CO., Louisville, Ky.
See adv index at end of book
Warren Steam Pump Co., Warren, Mass.
WESTINGHOUSE ELECTRIC & MFG. CO. (Surface, Barometric & Jet), East Pittsburgh, Pa.
See adv index at end of book
Wheeler C. H. Mfg. Co., Lehigh & N 18th, Phila., Pa.
WHEELER CONDENSER & ENGINEERING CO. ("Wheeler" Admiralty Surface, Rectangular Jet & "Wheeler-Volz" Combined Condensers & Feed Water Heaters), Carteret, N. J.
See adv index at end of book
Whitlock Coil Pipe Co., Hartford, Conn.
WORTHINGTON PUMP & MACHY. CORP. (Water Works Type, Jet, Self-Cooling Cylindrical & Rectangular Surface, etc.), 115 B'way, New York
See adv index at end of book

3006—*Condensers (Steam Turbine)

Griscom-Russell Co., 92 West, New York
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO. ("Westinghouse Leblanc"), East Pittsburgh,Pa.*See adv index at end of book*
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

Condensers (Surface)

See Condensers, Steam

3007— Condensers (Telephone)

American Elec. Co., 6401 S State, Chicago, Ill.
Andrae Julius & Sons Co., 362 Broadway, Milwaukee, Wis.
Automatic Elec. Co., 1001 W Van Buren, Chicago, Ill.
Central Tel. & Electric Co., 310 N 11th, St. Louis, Mo.
Conn. Telephone & Elec. Co., 70 Britnia, Meriden, Conn.
Electric Specialty Co. ("Mansbridge" Type), Cresco, Ia.
Kellogg Switchboard & Supply Co., 1066 W Adams, Chicago, Ill.
Lafayette Electric & Mfg. Co., Lafayette, Ind.
Swedish-American Telephone Mfg. Co., 5235 Ravenswood av, Chicago, Ill.
Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.
See adv index at end of book
Western Electric Co., 463 West, New York

3008— Condensers (Tubular)

Baeuerle & Morris, 932 N Front, Phila., Pa.
Griscom-Russell Co., 92 West, New York
See adv index at end of book
Lummus Walter E. Co. (Tubular & Coil), 173 Milk, Boston, Mass.
Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.

3009— Condensers (Vapor)

Devine J. P. Co., Buffalo, N. Y.
Griscom-Russell Co., 92 West, New York
See adv index at end of book
Lummus Walter E. Co., 173 Milk, Boston, Mass.
Schutte & Koerting Co. ("Koerting"), 1251 N 12th, Phila., Pa.
Standard Water Systems Co. ("Tripure," Multicoil & Straight Tube Type), Hampton, N. J.

Condensing Apparatus (Stoneware)

See Stoneware, Chemical

3010—*Condensing Plants (Complete)

Griscom-Russell Co., 92 West, New York
See adv index at end of book
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
WHEELER CONDENSER & ENGINEERING CO., Carteret, N. J.
See adv index at end of book

3011—Condensing Plants (Weiss Central)

Southwark Foundry & Machine Co., 430 Washington av, Phila., Pa.
See adv index at end of book

Condensite

See Bakelite

3012—Conductor Pipe & Eaves Trough Mfrs.

American Rolling Mill Co. ("American Ingot Iron"), Middletown, O.
Badger Steel Roofing & Corrugating Co., La Crosse, Wis.
Berger Bros. Co., 229 Arch, Phila., Pa.
Berger L D Co., 59 N 2d, Phila., Pa.
Berger Mfg. Co. (Steel), Canton, O.
Bostwick Steel Lath Co., Niles, O.
Braden Mfg. Co., Terre Haute, Ind.
Brier Hill Steel Co., Youngstown, O.
Burton W. J. Co., Junction & Federal, Detroit, Mich.
Cambridge Roofing Co., Cambridge, O.
Canton Art Metal Co., Canton, O.
Carter Sheet Metal Co., Omaha, Neb.
Casseus Mfg. Co. ("Casseus' Ideal" Eave Troughs), Edwardsville, Ill.
Cedar Rapids Cornice Co., Cedar Rapids, Iowa
Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
Clark-Smith Hardware Co., Peoria, Ill.
Conner Chas. H. & Co., Louisville, Ky.
Decatur Cornice & Roofing Co., New Decatur, Ala.
Delphos Mfg. Co., 1st & Pierce, Delphos Ohio
Dickelman Mfg. Co., Forest, O.
Dieckmann Ferdinand Co., 2423 Harrison av, Cincinnati, O.
Dominion Metal Products Co., Roanoke, Va.
Dowman-Dozier Mfg. Co., Atlanta, Ga.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Eller Mfg. Co., Canton, O.
Excelsior Steel Furnace Co., 118 S. Clinton, Chicago, Ill.
Florida Metal Products Co., Jacksonville, Fla.
Friedley-Voshardt Co., 733 S. Halsted, Chicago, Ill.
Gedge Bros. Iron Roofing Co., Anderson, Ind.
Globe Iron Roofing & Corrugating Co., Newport, Ky.
Hammond Sheet Metal Mfg. Co., 119 Cass av, St. Louis, Mo.
Hopson W. C. Co., Grand Rapids, Mich.
Howie Roofing Co., Detroit, Mich.
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York

CONDUCTOR PIPE & EAVES TROUGH MFRS.—continued

Hussey C. G. & Co. (Copper Only), 2850 2d av, Pittsburgh, Pa.
Hyndman Roofing Co., 318 E 2d, Cincinnati, O.
Kanneberg Roofing & Ceiling Co., Canton, Ohio
Klauer Mfg. Co., Dubuque, Ia.
La Crosse Steel Roofing & Corrugating Co., La Crosse, Wis.
Lamb & Ritchie Co., Cambridge, Mass.
Learn & Brindle (Conductors Strainers, "The Ideal" Cut-Off), Columbus, O.
Lupton's David Sons, E Allegheny av & Tulip, Phila., Pa.
Lyman H. B., Southampton, Mass.
Lyon Conklin & Co. ("Lyonore" Metal, "L. C. & Co." Steel), 19 Balderston, Baltimore, Md.
Martin Metal Mfg. Co., Wichita, Kan.
Merchant & Evans Co., 2035 Washington av, Phila, Pa. *See adv index at end of book*
Mertz John Mfg. Co., Sandusky, O. *See adv index at end of book*
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Messenger & Parks Mfg. Co., Aurora, Ill.
Meurer Bros. Co., 575 Flushing av, Brooklyn, N. Y.
Milwaukee Corrugating Co., Milwaukee, Wis.
Moeschl-Edwards Corrugating Co., Covington, Ky.
Newark Steel & Iron Works, 12 Mercer, Newark, N. J.
New England Steel Roofing Co., Worcester, Mass.
New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La.
New York Iron Roofing & Corrugating Co., 94 1st, Jersey City, N. J.
Niles Iron & Steel Roofing Co., Niles, O.
Norman W. F. Sheet Metal Mfg. Co., Nevada, Mo.
Obdyke Benj. P., 1217 Callowhill, Phila., Pa.
Ohio Corrugating Co., Warren, O.
Penn Metal Ceiling & Roofing Co., Ltd., 23d & Hamilton, Phila., Pa.
Pierce O. W. Co., Olean, N. Y.
Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
Pudrith A. F. Co., Fort E, Detroit, Mich.
Reeves Mfg. Co., Dover, O.
St. John & Barquist Co., Des Moines, Ia.
Schoedinger F., 142 N. 3rd, Columbus, O.
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
Souther E. E. Iron Co., Klenlin & Hamburger, St. Louis, Mo.
Standard Sheet Metal Mfg. Co., Washington, Pa.
STEARNS A. T. LUMBER CO. (Wood), 100 Taylor, Neponset, Boston, Mass. *See adv index at end of book*
Sykes Steel Roofing Co., 930 W 19th pl, Chicago, Ill.
Tennison Bros., Houston, Tex.
Throm Chas. F., Toledo, O.
Tiffin Art Metal Co., 20 Broad, Tiffin, O.
Valley Cornice & Slate Co., Ltd., Saginaw, Mich.
Walker Sheet Metal Co., Council Bluffs, Ia.
Weyand Henry Co., Waterbury, Conn.
Wheeling Metal & Mfg. Co., Wheeling, W. Va.
Whitaker-Glessner Co. ("Rust Resisting Portsmouth Iron," "Ohio Metal" & Open Hearth Steel), Wheeling, W. Va.
York Corrugating Co., York, Pa.

3013— Conductors (Armored)

Am. Metal Moulding Co., 145 N. J. R. R. av, Newark, N. J.
Boston Ins. Wire & Cable Co., Boston, Mass.
Eastern Flexible Conduit Co., 41 Gardner av, B'klyn, N. Y.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Inland Elec. Co., 16 N. Franklin, Chicago, Ill.
National Metal Moulding Co., 1110 Fulton blvd, Pittsburgh, Pa.
Pratt Chuck Co. (Double Strip), Frankfort, N. Y.
Safety Armorite Conduit Co. (Steel), West Pittsburgh, Pa.
Sprague Electric Works, 527 W 34th, New York
Standard Underground Cable Co, Pittsburgh, Pa.
Thomas & Betts Co., 105 Hudson, New York
Trenton Elec. & Conduit Co., Trenton, N. J.
Triangle Conduit Co., 50 Columbia Heights, B'klyn, N. Y.
Trumbull Elec. Mfg. Co., Woodford av, Plainville, Conn.
YOUNGSTOWN SHEET & TUBE CO. ("Realflex"), Youngstown, O.

3014-5-6—Conduit Elbow Former

Crouse-Hinds Co., Syracuse, N. Y.
Wallace Supplies Mfg. Co., 412 Orleans, Chicago, Ill.

3017—Conduits (Flexible Metallic)

Am. Metal Moulding Co. (Steel), 141 N. J. R. R. av, Newark, N. J.
Breeze Carbureter Co., 250-52 South, Newark, N. J.
Dewes A. Co., 199 Lafayette, New York
Eastern Flexible Conduit Co. (Steel), 41 Gardner av, Brooklyn, N. Y.
Franklin Railway Supply Co. ("McLaughlin," for Connecting Between Engine & Tender in Place of Rubber Hose), 30 Church, New York
Nat. Enameling & Mfg. Co., Renshaw bldg, Pittsburgh, Pa.
National Metal Molding Co. ("Flexsteel"), 1110 Fulton bldg, Pittsburgh, Pa.
Pennsylvania Flexible Metallic Tubing Co., 201 N Broad, Phila., Pa.
Saylor Electric & Mfg. Co. ("Safeduct"), 115 S Main, Pittsburgh, Pa.
Short Elec. Mfg. Corp. ("Cottonduct"), Penn Yan, N. Y.
Sprague Electric Works ("Greenfield"), 527 W 34th, New York
Steel City Elec. Co., 1207 Columbus av, Pittsburgh, Pa.
Titeflen Metal Hose Corp., Badger av & Runyon, Newark, N. J. *See adv index at end of book*
Trumbull Elec. Mfg. Co., Plainville, Conn.
Trumbull Elec. Mfg. Co., Woodford av, Plainville, Conn.
Tubular Woven Fabric Co. ("Duraduct"), Pawtucket, R. I.
Youngstown Sheet & Tube Co. (Buckeye), Youngstown, O.

3018— Conduits (Interior)

Alphaduct Co. (Non-Metallic Flexible), 136 Cator av, Jersey City, N. J.
American Circular Loom Co. ("Electroduct," Flexible), 16 Medford, Boston, Mass.
American Conduit Mfg. Co. ("Galvanite" Electro Galvanized, "American" Enameled Rigid Steel, also "Wireduct" Non-Metallic Flexible), Keystone bldg, Pittsburgh, Pa.
American Vulcanized Fibre Co., 504 Equitable bldg, Wilmington, Del.
Central Tube Co. ("Central"), Pittsburgh, Pa.
Clifton Mfg. Co. ("Clifton," Rigid Steel), 65 Brookside av, Jamaica Plain, Boston, Mass.
Continental Fibre Co. ("Bakelite-Dilecto" & Vulcanized Fibre), Newark Centre, Del.
Dewes A. Co., 199 Lafayette, New York
Diamond State Fibre Co. (Fibre), Elsmere, Del.
Eastern Flexible Conduit Co. ("Brook-Duct," Non-Metallic Flexible), 41 Gardner av, Brooklyn, N. Y.
Enameled Metals Co. ("Pittsburgh," Standard Enameled Iron), 61 Bridge, Pittsburgh, Pa.
Mark Mfg. Co. ("Zinkote," "Navalite," Enameled Iron Pipe), Evanston, Ill.
National Fibre & Insulation Co. (Fibre), Yorklyn, Del.
National Metal Molding Co. ("Sherarduct" & "Economy," Rigid Steel, also "Flextube" Flexible Non-Metallic, Flexsteel Flexible Metallic), 1110 Fulton bldg, Pittsburgh, Pa.
Protectus Paint Co. ("Versies" Flexible & Waterproof), N Amer bldg, Phila., Pa.
Ric-will Co., Guardian bldg, Cleveland, O.
Safety Armorite Conduit Co. ("Loricated," "Galvaduct," "Armorduct," "Sterling" Iron Armored, Flexible Metallic, etc), West Pittsburgh, Pa.
Sprague Electric Works ("Greenfield" Iron Armored, Brass Armored, Flexible Steel & Unarmored), 527 W 34th, New York
Standard Fibre Co., Miller St., Somerville, Mass.
Triangle Conduit Co., 52 Columbia Heights, Brooklyn, N. Y.
Tubular Woven Fabric Co. ("Duraduct," Flexible Woven), Pawtucket, R. I.
WILMINGTON FIBRE SPECIALTY CO. (Hard Fibre), Wilmington, Del. *See adv index at end of book*
YOUNGSTOWN SHEET & TUBE CO. ("Buckeye" Rigid Steel-Enameled & Electro Galvanized), Youngstown, O.

3019—Conduits (Underground)

American Clay Products Co. (Vitrified), 175 5th av, New York
American Conduit Co. (Bitumenized Fibre), East Chicago, Ind.
American Creosote Works (Creosoted for Wood), Southport, New Orleans, La.
American Line Materials Co. (Creosoted Wood), 332 S. Michigan av, Chicago, Ill.
American Fire Brick Co. (Vitrified Salt Glazed), Spokane, Wash.
American Sewer Pipe Co. (Vitrified), Akron, O.
American Vitrified Conduit Co., B'way & 23d, New York
Brown Co. (Fibre), Portland, Me.
Brazil Hollow Brick & Tile Co. ("Brazil," Vitrified), Brazil, Ind.
Camp H. B. Co. ("Camp-Duct" Vitrified Clay), Fulton bldg, Pittsburgh, Pa.
Campfield Raggle Block Co. (Air Cells for Steam Pipes), Richmond, Ind.
Chattanooga Sewer Pipe & Fire Brick Co. (Clay), Chattanooga, Tenn.
Chicago Stone Conduit Co., Addison & Chicago River, Chicago, Ill.
Clay Product Co. (Vitrified Fire-Clay), 175 W Jackson blvd, Chicago, Ill.
Clermont Sewer Pipe Co., 50 Church, New York
Denny-Renton Clay & Coal Co. (Clay), Seattle, Wash.
Des Moines Clay Co., Des Moines, Iowa
Dickey W. S. Clay Mfg. Co. (Vitrified Salt Glazed), N. Y. Life bldg, Kansas City, Mo.
Drummond M. J. & Co. ("Shawmut" Vitrified), 51 Chambers, New York
Fibre Conduit Co. (Fibre), Orangeburg, N. Y.
Gest G. M., 237 B'way, New York
Grand Ledge Clay Product Co., Grand Ledge, Mich.
Johns H. W.-Manville Co. ("J-M" Sectional & "J-M" Fibre), Madison av & 41st, New York
Los Angeles Pressed Brick Co. (Salt Glazed), Los Angeles, Cal.
Michigan Pipe Co. ("Bethell" Process of Creosoted Wood), Bay City, Mich.
National Fire Proofing Co. ("Mason," Terra Cotta Clay), Fulton bldg, Pittsburgh, Pa.
N. Y. State Sewer Pipe Co., Rochester, N. Y.
Norfolk Creosoting Co. (Creosoted Wood), Norfolk, Va.
Ric-Wil Co., Guardian bldg, Cleveland, O.
Riter-Conley Co. (Riveted Steel Pipe Lines of Large Diameters, Particularly for Hydro-Electric Installation, etc), Pittsburgh, Pa.
San Antonio Sewer Pipe Co., San Antonio, Tex.
Shawmut Clay Mfg. Co., Shawmut, Pa.
Tyler Underground Heating System, 815 S Canal, Pittsburgh, Pa.
Washington Pipe & Foundry Co. (Machine Banded Wooden Insulated Wire Conduits), Tacoma, Wash.
Western Conduit Mfg. Co., Stambaugh bldg, Youngstown, O.
Winslow & Co. (Vitrified Salt-Glazed), Portland, Me.
Wyckoff Pipe & Creosoting Co. (Creosoted Wood), 30 E 42d, New York Works, Portsmouth, Va.

3020— Cones (Automobile)

Acklin Stamping Co. (Clutch Cones), 1659 Dorr, Toledo, O. *See adv index at end of book*
BOSSERT CORPORATION THE (Clutch Cones), Utica, N. Y. *See adv index at end of book*
Perry-Fay Mfg. Co., Elyria, O.
U. S. Automatic Co., Amherst, O.

Cones (Blacksmiths')

See Mandrels or Cones, Blacksmiths'

3021-2—Cones (Connecting)

Merrill Metallurgical Co. ("Merrill"), 121 2nd, San Francisco, Cal.

Cones (Friction)

See Pulleys, Cone

3023— Cones (Ground)

Fairmount Electric & Mfg. Co. ("Maxum"), 59th & Woodland av, Phila., Pa.
Paragon Electric Co. ("Paragon"), 9 S Clinton, Chicago, Ill.

3024— Cones (Roof)

General Fire Extinguisher Co., Providence, R. I.

3024a— Confetti

Andrews R. P. Paper Co., Washington, D. C.
Carter H. W. Paper Co., Springfield, Mass.
Dennison Mfg. Co., 26 Franklin, Boston, Mass.
Dobbins W. H. & Co., 48 N. Front, Philadelphia, Pa.
Garrett Sylvester S. & Co., 259 S. 3rd, Philadelphia, Pa.
Gottlieb A. & Son Co., 54 S. 2nd, Brooklyn, N. Y.
Kilborn Bros., New Haven, Conn.
Marks & Meyer Importation Co., 43 E. 19th, New York
Miller T. G. & Sons Paper Co., Ithaca, N. Y.
St. Louis Confetti Co., 3 Market, St. Louis, Mo.
Zellerbach Paper Co., 534 Battery, San Francisco, Cal.

3025—Connections (Closet, Brass, Etc.)

American Pin Co. ("Ampinco"), Waterbury, Conn.
Atlas Brass Works ("Forster" Closet Waste), 431 Folsom, San Francisco, Cal.
Blasier Sanborn Mfg. Co., Utica, N. Y.
Frost Mfg. Co., Kenosha, Wis.
Standard Brass Mfg. Co., Utica, N. Y.
Trenton Brass & Machine Co. (Offset & Elbow), Trenton, N. J.

3026—Connections (Closet, Rubber)

Mechanical Rubber Co., ft Lisbon rd S E, Cleveland, O.
National India Rubber Co. (Lamp), Bristol, R. I.

3027— Connections (Hose)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Bridgeman Bros. Co. ("Royle" Attachments), 1426 Wash'n av, Phila., Pa.
New York Brass Foundry Co. ("Stillbech"), 104 Centre, New York
Osgood J. L. Tool Co. (Air Hose), Buffalo, N. Y.

3028— Connections (Siamese)

Allen W. D. Mfg. Co., 566 W. Lake, Chicago, Ill.
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Bridgeman Bros. Co., 1426 Wash'n av, Phila., Pa.
Callahan Cornelius Co. ("Callahan" for Fire Hose), 127 Purchase, Boston, Mass.
Howell F. R. Brass Works, 122 N Franklin, Phila., Pa.
Larkin Mfg. Co., Dayton, O.
McNab & Harlin Mfg. Co., 55 John, New York
Milwaukee Brass Mfg. Co. (With Automatic Valve, for Fire Sprinklers, Stand Pipes, Bath, etc), 251 Lapham, Milwaukee, Wis.
Morse A. J. & Son (Fin.), 221 High, Boston, Mass.
Murray & Sorenson ("Unit"), 227 W 17th New York
Sherman H. B. Mfg. Co., Battle Creek, Mich.
Simmons John Co., 110 Centre, New York
Standard Brass & Iron Works ("S B & I Works" Double, Threeway, etc), 1820 St. Paul av, Milwaukee, Wis.

3029—Connections (Slip Joint)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Glauber Brass Mfg. Co., 49th & Superior av, N E Cleveland, O.
Union Brass & Metal Mfg. Co., Lawson & Mackerbin, St. Paul, Minn.
Wolverine Brass Works, Grand Rapids, Mich.

3030— Connections (Steamer)

Bridgman Bros. Co. ("Bridgman" for Automatic Sprinklers & Stand Pipes), 1426 Wash'n av, Phila., Pa.
General Fire Extinguisher Co. (For Automatic Sprinklers & Stand Pipe), Providence, R. I.

3031—Connections (Underground Box)

Phila. Electric Constr. Co., Heed bldg, Phila., Pa.

3032— Connectors (Battery)

American Ever Ready Works ("Ever Ready," "Bull Dog"), Thompson av, Long Island City, New York
Andrae Julius & Sons Co., 362 B'way, Milwaukee, Wis.
Atlas Mfg. Co., New Haven, Conn.
Barcy-Nicholson Co. ("Bar-Nic"), 837 W Fort, Detroit, Mich.
Bliss-Chester Co. ("Duplex" Flexible), 31 Mathewson, Providence, R. I.
Breaznell J. H., Terminal, 26 Court, Brooklyn, N. Y.
Connecticut Electric Mfg. Co., Bridgeport, Conn.
Continental Elec. Co., 1885 Park av, New York
Culver-Stearns Mfg. Co., Worcester, Mass.
Fahnestock Elec. Co., Meadow, L. I. City, N. Y.
Fitzgerald Mfg. Co. ("Perfection" Flexible, with Spring Lock Terminal), Torrington, Conn.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Herz & Co., 245 W 55th, New York
Hi-Po Waterproof Battery Corp., 1007 Atlantic av, Brooklyn, N. Y.
Knoblock-Heideman Mfg. Co. ("Quick-Action," Flat Copper), South Bend, Ind.
Lemke Electric Co. ("L B" Flat Copper), 509 Cedar, Milwaukee, Wis.
Lombardi Motor Car Co., Derby, Conn.
Manhattan Electrical Supply Co. ("Mesco," "Sta-there"), 17 Park pl, New York *See adv index at end of book*
Mich. Motor Spec. Co., 40 Dubois, Detroit, Mich.
National Carbon Co. ("Columbia," "Fahnestock," "Spring Clip," "Bull Dog," "Quick Action"), Madison av N. W. 117th, Cleveland, O.
Oliver Electric & Mfg. Co., 2221 Lucas, St. Louis, Mo.
Pittsfield Spark Coil Co., Pittsfield, Mass.
Reliable Elec. Co., 411 S Sangamon, Chicago, Ill.
Salem Electrical Supply Co. (Flexible), Salem, Mass.
Sherman H. B. Mfg. Co., Battle Creek, Mich.
Stackpole Carbon Co. ("Mills," "Stackpole"), St. Marys, Pa.
Sterling Machine & Stamping Co., Wellington, Ohio
Stevens & Co. ("Securo"), 375 B'way, New York
Tregoning Electric Mfg. Co. ("Lobster-Claw"), Cleveland, O.

3033—Connectors (Box & Cabinet)

Appleton Electric Co., 230 N. Jefferson, Chicago, Ill.
Bonnell W. A. Co., 132 Church, New York
National Metal Molding Co. (Panel Box for Armored Conductors, Flexible Metallic Conduits & Armored Conductors), Fulton bldg, Pittsburgh, Pa.
Sprague Electric Works (Clamp Type, Panel Box, also Angle for Outfit & Injunction Boxes), 527 W 34th, New York

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL REGISTER

Standard Electric Fittings Co., Stamford, Conn.
Thomas & Betts Co. ("T & B"), 63 Vesey, New York

3034—*Connectors (Electric Train)

WESTINGHOUSE ELECTRIC & MFG. CO. (Controllers), East Pittsburgh, Pa. *See adv index at end of book*

3035—Connectors (Sleeve Wire)

Belden Mfg. Co., 2316 So. Western av, Chicago, Ill.
Bonnell W. A. Co., 132 Church, New York
Bryant Elec. Co., 1421 State, Bridgeport, Conn.
Bryant Zinc Co. ("Premier"), 600 Orleans, Chicago, Ill.
Chicago Die & Machine Works ("Max Stadt"), 415 N Carpenter, Chicago, Ill.
Clark Elec. & Mfg. Co. ("Clark"), 149 B'way, New York
Columbia Metal Box Co., 226 E. 144th, New York
Cook Frank B. Co., 326 W Madison, Chicago, Ill.
Fairmount Elec. & Mfg. Co., 59th & Woodland, Phila., Pa.
Fort Dearborn Mfg. Co., Sterling, Ill.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Hickey & Schneider, Elizabeth, N. J.
Holtzer-Cabot Elec. Co., 125 Amory, Boston, Mass.
McIntire Chas. Co., 35 Vesey, Newark, N. J.
Mellorate Mfg. Co., 809 Lexington av, Brooklyn, N. Y.
Metropolitan Engrg. Co., 35 Vestry, New York
MORSE FRANK W. ("Eureka" Two & Four Screw Brass), 289 Congress, Boston, Mass.
See adv index at end of book
National Telephone Supply Co., 5100 Superior av, Cleveland, O.
Reliable Electric Co., 411 S Sangamon, Chicago, Ill.
Trumbull Electric Mfg. Co. (Four Screw Brass), Plainville, Conn.

3036— Connectors (Stage)

Chicago Electric Mfg. Co., 2817 S Halsted, Chicago, Ill.
MORSE FRANK W. ("Morse"), 289 Congress, Boston, Mass.
See adv index at end of book
Scranton Button Co. (Electroid, Confined Line), Scranton, Pa.
Universal Electric Stage Lighting Co. ("Kliegl Bros."), 240 W 50th, New York
Waldman John J., 136 Liberty, New York

3037—Connectors (Trailer, Car Lighting)

Dale Lighting Fixture Co., 107 W 13th, New York
Delta-Star Electric Co. (Automatic Loop Switch), 2437 Fulton, Chicago, Ill.
Electric Service Supplies Co. ("Keystone"), 17th & Cambria, Phila., Pa.
Loeffelholz Co. ("Gibbs"), Milwaukee, Wis.
Novelty Elec. Co., 50 N 4th, Phila., Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., (Controllers), East Pittsburgh, Pa.
See adv index at end of book

3038—Connectors (Trolley Wire)

Electric Railway Equipment Co., Cincinnati, O.
Eureka Co., North East, Pa.
Ohio Brass Co., Mansfield, O.
Ridlon Frank Co. ("Two-Way"), 251 A. Boston, Mass.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

3039— Connectors (Wire)

(Miscellaneous Wire Connectors)

American Pin Co., Waterbury, Conn.
Appleton Electric Co., 230 N. Jefferson, Chicago, Ill.
Belden Mfg. Co., 2316 S Western av, Chicago, Ill.
Bliss-Chester Co. ("Duplex," Terminal), 31 Mathewson, Providence, R. I.
Brady Electric Mfg. Co., New Britain, Conn.
Bridgeport Brass Co., Bridgeport, Conn.
Bryant Electric Co., Bridgeport, Conn.
Bunnell J. H. & Co., 32 Park pl, New York
Cameron Appliance Co. (For electric light wire), Everett, Mass.
Chicago Nut Co., 2513 W 20th, Chicago, Ill.
Clark Electric & Mfg. Co., 149 B'way, New York
Continental Electric Co., 1883 Park av, New York
Connecticut Elec. Mfg. Co., Bridgeport, Conn.
Cook Frank B. Co., 326 W Madison, Chicago, Ill.
Dossert & Co. (Solderles), 242 W 41st, New York
Drendell Electrical & Mfg. Co., 169 Erie, San Francisco, Cal.
Electrical Engineers Equipment Co. (T-Split), 711 Meridian, Chicago, Ill.
Fahnestock Electric Co. ("Fahnestock," Snapover for Drop Wires), Meadow, Long Island City, N. Y.
Fairmount Electric & Mfg. Co. ("H. W. W.," "Alligator"), 59th & Woodland av, Phila., Pa.
Fort Dearborn Mfg. Co. ("Zeno"), Sterling, Ill.
Frankel Connector Co., 177 Hudson, New York
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Hatch Edwin T., 120 B'way, New York
Holtzer-Cabot Electric Co., 125 Armory, Boston, Mass.
Irvington Mfg. Co. ("Irvington," "Red Devil"), Irvington, N. J.
Jordan Bros. ("Tap-On," Two-Wire for Branch Taps), 74 Beekman, New York
Joslyn Mfg. & Supply Co., Chamber of Commerce, Chicago, Ill.
Line Material Co., S Milwaukee, Wis.
McIntire C. Co., 35 Vesey, Newark, N. J.
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
Mendell Mfg. Co., New Bedford, Mass.

MORSE FRANK W. ("Morse," Brass, Thumb Screw), 289 Congress, Boston, Mass. *See adv index at end of book*
Nagel-Chase Mfg. Co., 154 E Erie, Chicago, Ill.
National Electric Specialty Co. ("Ritetite" Self Soldering), Toledo, O.
Ostrander W. R. & Co., 371 B'way, New York
Paiste H. T. Co. (Two Wire Moulding), 3201 Arch, Phila., Pa.
Phila. Electrical & Mfg. Co., 1226 N 31st, Phila., Pa.
Pringle Electrical Mfg. Co., 1906 N 6th, Phila., Pa.
Reliable Electric Co. ("Reliable"), 411 Sangamon, Chicago, Ill.
Ridlon Frank Co. ("Two-Way"), 251 A, Boston, Mass.

ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works, Trenton & Roebling, N. J.
See adv index at end of book
Sharfink Elec. Mfg. Corp., 84 Walker, New York
Sibley Pitman Electrical Corp. ("Climax"), 19 W 36th New York
Simpson Alex. B., 152 E 53d, New York

SMITH & HEMENWAY CO., INC. ("Never Turn," "Swedish" & "Red Devil"), 261 B'way, New York, & 130 Coit, Irvington, N. J.
See adv index at end of book
Tower-Binford Elec. & Mfg. Co., Richmond, Va.
Trumbull Electric Mfg. Co., Plainville, Conn.
U. S. E. M. Co. (Insulating, for Fixture Work, etc), 301 W 37th, New York
Waldman John J., 136 Liberty, New York
Waterbury Mfg. Co., Waterbury, Conn.

3040—Connectors (Wire Test)

Belden Mfg. Co., 2316 S Western av, Chicago, Ill.
Cameron Appliance Co. ("Metropolitan"), Everett, Mass.
Chicago Nut Co., 2513 W 20th, Chicago, Ill.
Columbus Handle & Tool Co., Columbus, Ind.
Cook Frank B. Co., 326 Madison, Chicago, Ill.
Cutter-Scott C., Owego, Ill.
Fahnestock Electric Co. ("Snap Over"), Meadow, Long Island City, N. Y.
Fairmount Electric & Mfg. Co. ("H. W. W.," "Alligator"), 59th & Woodland av, Phila., Pa.
Frankel Display Fixture Co., 177 Hudson, New York
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Hubbard & Co. ("Pierce"), 63rd & Butler, Pittsburgh, Pa.
MORSE FRANK W. ("Eureka," Hard Rubber), 289 Congress, Boston, Mass.
See adv index at end of book
Mueller R. S. ("Universal" Insulated), High av, S. E., Cleveland, O.
P. & M. Co., 80 E Jackson blvd, Chicago, Ill.
Reliable Electric Co., 411 S Sangamon, Chicago, Ill.
Williams Test Clamp Co., 1051 Power av, Cleveland, O.

3041—*Contactors (Solenoid Operated)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book

3041a—Contacts (Electrical)

Commercial-Research Co. ("Comreco"), (Tungsten & Platinum), Jackson av & Hopewell, Long Island City, N. Y.

3042— *Containers (Steel)

Blaw Knox Co. (Gas), Farmers Bk. bldg, Pittsburgh, Pa.
ELYRIA ENAMELED PRODUCTS CO. (Glass Enameled), Elyria, O.
See adv index at end of book

3042a—*Contracting Machinists

AMERICAN DIE & TOOL CO., Reading, Pa. *See adv index at end of book*

3043—Contractors (Asphalt Paving)

See also Contractors, General

CALIFORNIA.

LOS ANGELES—Fairchild-Gilmore & Wilton Co., 607 S Main
OAKLAND—Oakland Paving Co.
SAN FRANCISCO—Barber Asphalt Paving Co. (Street, etc), 209 Post
City Street Improvement Co., 166 Geary
Pioneer Asphaltum & Artificial Stone Pavement Co., 634 Clay

CONNECTICUT.

BRIDGEPORT—Burns Co.
MERIDEN—Lane Construction Corp.
NEW HAVEN—City Point Concrete Co., 149 Greenwich av
Connecticut Concrete Co., 185 Church
Humphrey Jno., 56 Perkins

DISTRICT OF COLUMBIA.

WASHINGTON — Cranford Paving Co., 2620 E, N W
Washington Asphalt Block & Tile Co., S Capitol & R S E

GEORGIA.

ATLANTA—Murphy's C. P. Sons

ILLINOIS.

AURORA—Salfisberg J. E. & Co.
CHICAGO—Barber Asphalt Paving Co. (Street, etc), 7 S Dearborn
Blome R. S., 139 N Clark
Conway R. F. Co. (Street, etc), 133 W Wash.
Dolese Bros. Co., 10 S La Salle
Fulton Asphalt Co., 53 W Jackson blvd
Hoeffer & Co., Chamber of Commerce bldg
Parker-Washington Co., 68 W Wash.
Perkins E. B., 133 W Washington
Sackley Jas. A. Co., 1004 St. Keeler av
Schillinger Construction Co., 2322 N Seeley av
Simpson Construction Co. (Street, etc), 1113 S Hermitage av
Smith & Brown Co., 128 N La Salle
Standard Paving Co., 29 La Salle
Wheeler W. W. & Co., 715 W Washington
Witt Aug., 913 S Western

INDIANA.

EVANSVILLE — Anchor Concrete Construction Co.
FORT WAYNE—Fort Wayne Roofing & Paving Co.
INDIANAPOLIS—Smither Henry C. Roofing Co., 430 S Meridian
Symmes H. H.
LAFAYETTE—Western Construction Co. (Street, etc)

IOWA.

DUBUQUE—Key City Roofing Co.
IOWA CITY—Hunzinger J. H. & Co.

KENTUCKY.

LOUISVILLE—National Roofing & Supply Co., 140 Main

LOUISIANA.

NEW ORLEANS—Barber Asphalt Paving Co. (Street, etc.), 124 Carondelet
Jahncke Navigation Co. (Schillinger's), 814 Howard av

MARYLAND.

BALTIMORE—American Paving & Contracting Co., Montebello av & Jenkins la
Consolidated Engineering Co., Calvert bldg
Filbert Paving Co. (Street, etc), Old Builders Exchange
Thormann Jno. H. & Co., 530 W Barre

MASSACHUSETTS.

BOSTON—Barber Asphalt Paving Co., 294 Washington
Dolloff C. W. & Co., 20 Central
Hind Thos. J., 19 Milk
Libby A. A. Sons Co., 10 Milk
Murtfeldt W. A. Co., 161 Devonshire
Rock Asphalt Co., 24 Oakland
Simpson Bros. Corporation, 166 Devonshire
Taylor E. R. Co., 786 E Broadway
Ufherl Joseph & Co., 34 Ophir
Warren Bros. Co. (Street, etc.), 142 Berkeley
FALL RIVER—Archard Richard J., 60 Murray
Williston Chas. H., 171 Pleasant
LOWELL—Smith E. A. & A. T.
WEST MEDFORD—Bragdon Louis G.
WORCESTER—Carr Geo. W. Co., 518 Main

MICHIGAN.

DETROIT—Porath Ferd. & Son, Free Press bldg
Schillinger Bros.

MISSOURI.

KANSAS CITY—Barber Asphalt Paving Co. (Street, etc), Colonial Long bldg
Parker-Washington Co., 2309 Penn av
ST. LOUIS—Barber Asphalt Paving Co., Park & Thurman
Fehlig Construction Co., Theresa av & Hickory
Fruin-Bambrick Const. Co., 800 S Spring av
Gilsonite Construction Co., Wainwright bldg
Granite Bituminous Paving Co. Pierce bldg

Heman Construction Co., Title Guarantee Trust bldg
Parker-Washington Co., 6161 Maple av
Trinidad Asphalt Mfg. Co., Title Guarantee Trust bldg

NEBRASKA.

OMAHA—Grant John Paving Co., Paxton blk
Murphy Hugh, Bee bldg
National Roofing Co.

NEW HAMPSHIRE.

MANCHESTER—Robie Consolidated Concrete Co., 939 Elm
NASHUA—Osgood Construction Co.
Tardif F. X.

NEW JERSEY.

JERSEY CITY—Commonwealth Roofing Co., Grove c 19th
Uvalde Asphalt Paving Co., 2 Greene
MAURER—Barber Asphalt Paving Co. (Street, etc)
NEWARK—Hetzel J. G. (Est. of), (Floors, etc.), 67 Main
Standard Paving Co., 154 Frelinghuysen av

NEW YORK.

BUFFALO—Barber Asphalt Co. (Street, etc), E. Delavan av & Belt Line
Burgard Henry P. Co. (Street, etc), 1968 Fillmore av
Crescent Pavement Co., Erie Co. Bk bldg
German Rock Asphalt Co. (Street, etc.), Morgan bldg

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Cranford Co., 52 9th
Mock Isidor, 838 Flushing av
Uvalde Asphalt Paving Co., Metropolitan av

Boroughs of Manhattan and Bronx.

NEW YORK—Asphalt Construction Co., Madison av & 137th
Barber Asphalt Paving Co. (Street, etc), Woolworth bldg
Denton & Co., 7 E 42d
Hastings Pavement Co., 25 Broad
Neuchatel Asphalte Co., Ltd., 79 Tompkins
†Sicilian Asphalt Paving Co. (Street, etc), 41 Park row
Uvalde Asphalt Paving Co. (Street, etc), 1 B'way
Warren Bros. Co. (Street, etc.), 50 Church
Willite Road Construction Co., 51 Chambers

(End of New York City)

PEEKSKILL—Smith John Jr.
ROCHESTER—Oliver Horace T., 328 South av
Rochester Vulcanite Pavement Co.
Warren Chemical Mfg. Co., 303 Main
SYRACUSE—Warner-Quinlan Asphalt Co.
YONKERS—Pawson J. E. & Co.

NORTH CAROLINA.

OXFORD—Lassiter Robert G. & Co.

OHIO.

CINCINNATI—Kuhl Chas. Artificial Stone Co., 601 Hunt
Maescher Chas. V. & Co., 617 Hunt
CLEVELAND—Cleveland Trinidad Paving Co. (Street, etc), 3409 Trumbull
Roehl Bros., Clark & W. 25th
COLUMBUS—Pugh Andrew G., Commerce bldg
DAYTON—Dayton Asphalt Roofing & Paving Co.
DELAWARE—Lambert Bros. & Wirt
HAMILTON—Andrews Asphalt Paving Co.
TOLEDO—Schillinger Bros. Co., 215 City Park av

OREGON.

PORTLAND—Warren Construction Co., Journal bldg

PENNSYLVANIA.

ERIE—Doyle J. & M.
Mayer Bros. Construction Co.
HARRISBURG—Central Construction & Supply Co.
LANCASTER—Fritchey J. U. & Son
Lancaster Cement Paving Co.
PHILADELPHIA—Barber Asphalt Paving Co. (Street, etc), Land Title bldg
Drehmann Paving Co., 2622 Parrish
Galbraith Paving Co., 3732 Old York rd
Mack Paving & Construction Co. (also Granite Block Pavers), 20th & Sedgley av
Schwartz Jacob, 2308 N 27th
Wallace R. Bruce & Co., 45 N 13th
PITTSBURGH—Booth & Flinn, Ltd., 1942 Forbes
Peabody George L., 6101 Penn av
Ridge Bros. Co., 5638 Rippey
Wadsworth Stone & Paving Co., Lambert & P R R
SCRANTON—Gaynor Contracting Co.

RHODE ISLAND.

PROVIDENCE — Narragansett Improvement Co. (Street, etc), 122 Public
WESTERLY—Westerly Concrete Co.

TENNESSEE.

CHATTANOOGA—Chattanooga Roofing & Foundry Co.
Noll Construction Co.
Southern Paving Construction Co.
West Construction Co., Chamberlain bldg
MEMPHIS—Bartholomew Roofing Co.
Memphis Asphalt & Paving Co. (Street, etc)
Miller Chas. R. Co., 8 N Front

UTAH.

OGDEN—Parry Jos. & Sons Co.

VIRGINIA.

RICHMOND—Veitch W. P.

WASHINGTON.

SEATTLE—Independent Asphalt Paving Co.
TACOMA — Independent Asphalt Paving Co.

WISCONSIN.

MILWAUKEE — Winding & Gezelschap, Pabst bldg
OSHKOSH—Fluor Bros. Const. Co.
SHEBOYGAN—Ackerman Christ. & Sons

3044 — Contractors (Building & General)

This list does not include contractors in towns with a population of less than 5,000.
§Indicates Building Contractors.
*Indicates Railroad Contractors.
†Indicates Electric Railway Contractors.
Note information following names.
Names listed without information or symbols as above are General Contractors, so far as the publishers have been able to ascertain.
See also Concrete Steel Construction Reinforced; also Dock Builders.

ALABAMA.

BIRMINGHAM — Alabama Paving Co. (Paving), American Trust bldg
§Allen C. M., 2531 7th av
§Anderson J. B. & Co., Richard av
§Birmingham Bldg. & Imp. Co., American Trust bldg
§Blake-Carroll Const. Co., American Trust bldg
§Bostick P. E., 1st Nat. Bank bldg.
§Bowdry H. N., Empire bldg
§Burns Jesse L., 6212 1st av N
*Dunn Const. Co., Chamber of Commerce bldg.
§Evans Bros. Const. Co., 2312 6th av S
§Inglenook Construction Co., Real Est. bldg
§Kernshaw C. G. Contracting Co., Woodward bldg
§Lockhart H. A., Chamber of Commerce bldg
McLeod R. A. Plastering Co., 1625 1st av
§Mann Bros., 1002 5th av S.
§Medders T. L. & Co.
§Moesser Building Co.
§Moore A. H., 1720 1st av
Morgan J. M. & Co.
Newell Bros. (Grading), 1623 First av N
§Realty Const. Co., Empire bldg
Smallman-Brice Construction Co., American Trust bldg
Thompson T. C. & Bros.
*Vance Contracting Co., 1st Nat. Bk. bldg
*Watson Contracting Co., 1311 Huntsville rd
§Windham Bros. Construction Co., Alabama Penny Bank bldg
*Worthington Thos., 1st Nat. Bank bldg
HUNTSVILLE—§Baxter Bros.
Booth A. M.
Bost C. F.
§Hutchins Chas. E.
MOBILE—Conway R. F. Co. (Paving)
Davis & Cooper
Hancock, Harbin & Hancock
Jett-Muths Constr. Co., Inc.
Leeper L. F. & Co.
Owens Construction Co.
Walker & Thomas
Walsh Stevedoring & Contrg. Co.
MONTGOMERY—Blair Algernon
Burton Construction Co. (Road)
Chapman-Cross Constr. & Realty Co.
Dobson & Olive
Gorrie D. F. & Son
§Hugger Bros.
Jamison & Hallowell (Paving, etc.)
Nixon-Smith Construction Co.
Perry Bros.

ARIZONA.

TUCSON—*Manning L. H. & Co.
Pacheo Contracting Co.

ARKANSAS.

FORT SMITH—Burke Construction Co.
Reddick T. T.
Schleutter Fred
LITTLE ROCK—Big Rock Stone & Construction Co.
Bush Matt & Bros.
Central Supply Co.
Collamore L.
Cook M. D. L. (Paving)
McCoppin Jos. (Sewer, etc.)
Miller Butterworth
Powers Patrick
§*Schmelzer & Schay
Shelby & Bateman
Stewart-McGehee Construction Co.
Thalman & Reed

CALIFORNIA.

ALAMEDA—§Powell Bros.
Collins, J. A.
Cory, B. F.
Strang Verbal
BERKELEY—Burnham Co. (Sewer)
Burnham Co. (Sewer)
Contra Costa Constuction Co. (Grading, etc.)
Fariss Bros.
§Jenks Geo. A.
Schmidt W. J. & E.
Schoor P. & Son
Sorenson Walter
Spring Construction Co.
EL MONTE—§Thurman J. C.
LOS ANGELES—§Albright C. S., 6040 Hollywood
§Allen-Knight Constr. Co., 610 S. B'way
§Alpeter, Hall & Alpeter Co., Ferguson bldg
§Arnold R. H. Co., 830 McGarry
Atkinson J. F., 610 S B'way
Atkinson Lyon S., Sunset blvd
§Atlas Building Co., 219 W. 7th
Barber-Bradley Const. Co., 1824 E 15th
§Barnes A. S., 215 W 7th
Benson Geo. S. & Sons, Stimpson bldg
Bent & Pennebaker (Grading)
§Blodgett L. M., 1521 S Central av

CALIFORNIA—LOS ANGELES—cont'd
Blythe Construction Co., 756 S B'way
§Borg Emil, 1787 E 45th
§Borton C. F. Co., Hibernian bldg
§Boward, H. M. & Sons Co., Black bldg.
Brashear-Burns Co. (Grading), 210 W 7th
Broadway Const. Co., 235 E Washington
Bryant & Austin (Paving) 1650 Compton av
§Butler Bros Construction Co., 228 W 4th
Condon Geo. C., Wesley Roberts bldg
Corbaley Chas. W. Co., H. W. Hellman bldg
§Crook J. A.
Cross A. P., Mer. Trust bldg
§Crowell Weymouth, 121 E 6th
Davidson Const. Co., 1445 E 16th
§Edwards & Wildey Co., Black bldg
§Engstrum F. O. Co., 500 Seaton
Fairchild, Gilmore & Wilton Co. (Paving), 607 S Main
§Flahive Construction Co., 610 S B'way
Garnsey Leigh G., 108 W 6th
§Gilbert V. P., 453 S Spring
§Globe Bldg. Co., 756 S B'way
§Goldwaite C. D., Marsh-Strong bldg
*Grant Bros. Const. Co.
§Hale Geo. D. & Co., 6401 Hollywood
§Hall J. F. Martin Co., Stimson bldg
Haupt Construction Co., 307 W 8th
§Hetzel-Winget Co., Grant bldg
§Houghton & Anderson, Hollingsworth bldg
Hudson C. H., Trust & Savings bldg
Jacobs Construction Co., 356 S Spring
Kennedy James, Washington bldg
Kling Co., Union League bldg
§Knerr H. E., Stimson bldg
Kubach, C. J. Co., 8th
Leonardt & Peck, 356 Spring
§Lepper & Laisy, 3704 W Washington
§Lilly-Fletcher Co., 756 S B'way
McCray R. H. Co. (Grading), American Bank bldg
§McNeil, J. V., Wesley Roberts bldg
Maxon & Co. (Grading), 745 Lyon
§May & Grimwood
Mayo, L. T., Black bldg
Mercereau Bridge & Const Co., Pacific Electric bldg
Mesmer & Rice, Marsh-Strong bldg
Metropolitan Contracting Co., 102 S Spring
§Milwaukee Building Co., Wright & Callender bldg
Modern Constr. Co. (Road & Sewer)
§Nance Construction Co., 9th & Central
Occidental Const. Co., 2643 Andrews
Oswald Bros. (Grading & Paving), 356 S B'way
Pacific Coast Concrete Co., 210 W 7th
Pacific Engineering Co.
Pacific Portable Const. Co., 1420 S Hill
§Parkes-King Bldg. Co., Investment bldg
Perry W. A. Contracting Co., 406 S Main
Powell C. L., American bldg
§Pozzo Const. Co., 421 Macy
Richards-Neustadt Const. Co., Marsh-Strong bldg
§Richmond Chas. H., 321 W 3d
Roberts John Co., 106 W 3rd
Rogers Bros. Co. (Paving, etc), Hibernian bldg
Rooney-Wyckoff Co. (Paving), Consolidated Realty bldg
Russell, Greene, Foell Co., Higgins bldg
S. C. Contracting Co., 2026 Compton av
Security Const. Co.
*Sharp & Fellows Contracting Co., Vernon
Shattuck, Edinger Co. (Grading), Marsh-Strong bldg
*Sherer Robert & Co., (& Grading), Pacific Electric bldg
§Simpson John & Co., 412 W. 6th
Simpson Wm. Constr. Co., Marsh-Strong bldg
§Slater W. Co., 2314 Sta. Fe
Snow Geo. E., 4515 Central
Standard American Dredging Co., Central bldg
§Stansbury Chas. V. H. W., Hellman bldg
Stanton Reed Co., 210 W. 7th
§Taylor Bros. of Los Angeles, 7367 Sunset blvd
§Trimlett & Combellick, 608 S B'way
Tryon & Brain (Excavating), 207 S B'way
§Very A. O., Mason bldg
§Wagner Chas. D., Story bldg
Wattson & Spicer (Sewer), 405 S Hill
§Weaver C. B. Constr. Co., 405 S Hill
§Weston Bldg Co., 126 W 3d
§Willard-Brent Co., 412 W 6th
§Winter & Nicholson, 112 W 9th
§Wurster Construction Co., 802½ Central
Yard & Hichborn, 215 W 6th
Yarnell B. F., 227 S Union av
§Yeager M. S. Trust & Savings bldg

MONROVIA—Davisson R R Contracting Co.

OAKLAND—Bates, Borland & Ayer (Grading)
Denison & Pilkington
Hutchinson Co. (Paving, etc.)
Leiter E. T. & Sons
Mathew Co.
Schnebly & Hostraswer
Stone E. B. & A. L. Co.
Van-Sant-Houghton Co.
Veitch W. T. & Bro.
§Walker A. & Son
Willison & James
Willison & Foster Construction Co.

PASADENA—§Crowell & Seward
Foss Designing & Building Co.
Giltmer & Lee (Sewer)

SACRAMENTO—Barton & Hite
Capital Mastic Co. (Paving)
Clark & Henery Constr. Co.
Jenkins & Wells
McGillivray Const. Co.
Mathews Const. Co.
§Murcell William
Ransome-Crummey Co.
Ross Const. Co.
Sacramento Home Bldrs.
Siller Bros.
Teichert A. & Son
Teichart & Ambrose

SAN DIEGO—Engerbretsen John (Street Paving, Excavating, etc.)
Fairchild-Gilmore-Wilton Co. (Paving)
Hampton W. E. Co.
Holland Construction Co.
Hyde C. L. Const. Co.
*Moffett & Mead
San Diego Const. Co.
*Twohy Bros. Co.
§Winter & Nicholson
Wurster Const. Co.

SAN FRANCISCO—Anderson & Ringrose, 320 Market
§Allen C. J., Builders' Exchange (Brick)
Arlett Arthur, Call bldg
Bates, Borland & Ayer (Grading), Crocker bldg
Bay Shore Building Co., Hearst bldg
*Bechtel W. A., 625 Market
Behm J. & Co., 141 Oak
Bender J. W. Roofing & Paving Co., Monadnock block (Asphalt Paving)
Bergren L. G. & Son, Call bldg
Bienfield Dan. L. & Co., Phelan bldg
§Biller John, 110 Jessie
Blanchard, Brown Co., 298 Geneva
Bogart J. S., Mills bldg
Born S. A. Bldg. Co., 37th & Shore View avs
Bovyer & Sons, 2407 California
Boxton Geo. W. & Son, Hearst bldg
Brady A. P., Humboldt Bk bldg
Braunton Harold, 180 Jessie
Brennan J. E., 180 Jessie
Cahill & Vensano Co., 110 Sutter
California Const. Co., 74 N Montgomery
Cameron & Disston, Hearst bldg
Campbell John F., 2440 16th
Carnahan & Mulford, 45 Kearny
Cassaretto John (Grading), 345 Berry
Chadwick & Sykes, Crocker bldg
Chisholm R. A., 180 Jessie
Church D. O., 68 Post
†City Street Imp. Co. (Streets, etc.), 3001 17th
Clinton Constr. Co., 357 Pine
§Coburn Ira W., 180 Jessie
Commary W T & Son, Crocker bldg
Concanon Wm. N. Co., Underwood bldg
Contra Costa Const. Co., 20th & Church
Cox Bros., 5th av & Lincoln way
Daniel Contr. Co., 503 Market
Demattei L. & Co., 8 Avery
Desmond D. J. Commissary Co., Underwood bldg
Dowling J. F. & Co., Russ bldg
Downey John (Masonry), 260 Natoma
Drake H. E., 180 Jessie
Dreyfus Bros., 324 California
Duebel Charles & Co., 224 1st
Duncan Wm. C. & Co., Sharon bldg
Duncanson-Harrelson Co., Chronicle bldg
Eaton & Smith, 715 Ocean
Elam Thos. & Son, 180 Jessie
Erickson & Petterson, Monadnock bldg
Etherton E. E. Co., Monadnock bldg
Farrell & Reed, 185 Stevenson
Fay Improvement Co., Phelan bldg
Federal Construction Co. (Paving), Call bldg
Fee Grant, 2440 16th
Fennell James S., 180 Jessie
§Fennila M. A., 9 Douglas (Brick)
Ferguson & Son, 1739 Union
Fisher M., 687 Mission
Flinn & Treacy, 1st Natl. Bank bldg
Floodberg Chas., Monadnock bldg
Foundation Co., 58 Sutter
Franks F. C. (Dredging), Phelan bldg
Franz Val. & Son, 180 Jessie
Frasier & Frasier, 180 Jessie
Gallagher E. J., Crocker bldg
Garden F. M., 251 Kearney
Gartland P. J., 1396 16th
Gest G. M., 503 Market
Gilson J. E., 180 Jessie
Glaze Robert, Humboldt Bk bldg
Gompertz Chas. W., 503 Market
Gorrill C. H. & A. W., Call bldg
§Grace & Bernieri, Claus Spreckels bldg
Gutleben Bros., New Call bldg
Hannah J. D., Chronicle bldg
§Hannah J. S., Williams bldg
Hansbrough-Johnston Co., Monadnock bldg
Harney Jos. G. (Street), Pacific bldg
Healy-Tibbitts Const. Co. (Excavating, Fireproof Construction, etc), Main & Market
§Henderson J. H., 908 O'Farrell
Henderson W. D., Monadnock bldg
Henning Wm. H., Hearst bldg
Hjul Jas. H., 57 Post
Hock Chas., 180 Jessie
Hogberg & Ludwig, 180 Jessie
Holt O. C., 110 Jessie
Houghton Constr. Co., 544 Market
Hoyt H. P. Co., Monadnock bldg
*Hyde, Harjes & Co. (Bridges, etc), 110 Market
Jensen G. P. W., 320 Market
Johnson Joel, 110 Jessie
Klyce Harvey A., Call bldg
Knowles & Mathewson, Call bldg
Koenig Chas. J. U., 110 Jessie
Lange & Bergstrom, Sharon bldg
Larsen Chris, 110 Jessie
Larsen-Sampson Co., Crocker bldg
Leiter E. T. & Sons, Call bldg
Leonard J. J., Phelan bldg
Lindgren Co., Monadnock bldg
Little Mathew A., 2640 Jackson
§Long A. E., Monadnock bldg
Lynch P. J., 1701 Irving
McCabe & Brown, 1st Nat. Bank bldg
McClenahan T. W. & Co., Call bldg
McClenahan-Kraner-Carter Co., Inc., Rialto bldg
McDonald J. W. Co. (Street), Monadnock bldg
McGarvey Ulrick A., Phelan bldg
McGinn G. W. & Co. (Sewer, etc.), Phelan bldg
McHugh Owen (Excavating & Grading), Russ bldg
McKenzie W., 734 Washington
McLaughlin J. L., 244 Kearney
McLean A. C. Const. Co., 320 Market
McLean Neil A., Chronicle bldg
§McLeran & Peterson, Sharon bldg
McMullen, C. E., 110 Jessie
McSheehy Bros., 73 Langdon
*MacArthur Bros. Co., Chronicle bldg
Macdonald & Kahn, Rialto bldg
Mahony Bros., Crocker bldg
Malloch J. S., 110 Jessie
Marcussen Marius, 201 Sansome
Markle R. B., Hearst bldg
*Marsh Bros. & Gardenier, Monadnock bldg
Martin Wm., 110 Jessie
Masow & Morrison, Monadnock bldg
Melbourne Frank J., 45 Kearney
*Moffett & Mead, Monadnock bldg
Moller R. W., Call bldg
Monk John, Sharon bldg
Monson Bros., 1907 Bryant
Moore & Watson, 110 Jessie
Moores-Bode Gravel Co., Tara & Geneva

Morehouse C. C., 872 Folsom
Mortenson Construction Co., 19th & Indiana
Mulcahy Bros., 180 Jessie
Nelson & Bauer, Fulton & Gough
Newsom Wm. A., Sharon bldg
Nichols H. D., 1381 Stevenson
Nimmo Geo., 634 Clay
Nugent Robinson, 2165 Market
*O'Brien Jas. H. (Street), Hearst bldg
§Owsley Burt T., Call bldg
Pacific Const. Co., 16 California
Pacific Engineering & Construction Co., 544 Market
Pacific Fence Const. Co., 245 Market
Pacific Pumping Co., 350 Battery
*Pacific Improvement Co., Crocker bldg
Palmer & McBryde, Hooker & Lent bldg
Palmer & Peterson, 20th & Illinois
Penny Isaac, Phelan bldg
Petterson & Persson, 62 Post
Price Thomas H., 201 Sansome
Pringle, Dunn & Co., 338 Pine
Rainey W. A., 180 Jessie
§Reite J. B., 951 Mission
Ringrose R. & Son, 320 Market
Ritchie F. R. & Co., Chronicle bldg
Robinson & Gillespie, 1051 Sutter
*Rolandi F., 550 Montgomery
Ruegg Bros., Pacific bldg
San Francisco Bridge Co., Nevada Bk. bldg
Savage M. J., Flatiron bldg
Schroder Bros., 765 Folsom
Sly L. H., Stanford Court Apts
Smith J. H., Monadnock bldg.
Smith Rice Co. (Riggers), 148 Spear
Spalding Const. Co., Rialto bldg
State Improvement Co., Crocker bldg
§Stock Lester H., 110 Jessie
Stockholm & Allyn, Monadnock bldg
Stone E. B. & A. L. Co., Rialto bldg
Storrie R. C. & Co. (Sewer), Crocker bldg
Sturges Benjamin, 3931 Geary
Taylor & Goericke, Sharon bldg
Thomson Bridge Co. (Bridge, Sewer & Public), 103 Main
Thorpe J. T. & Son, 525 Market (Brick)
Thurston E. T., 57 Post
Tibbets Pacific Co., 16 California
Trost Robert, 26th & Howard
Trounson J., 121 5th
Tucker E. W. & Co., 347 Fremont
Twohy Bros. Co., Hobart bldg
Union Construction Co., 604 Mission
Utah Const. Co., Phelan bldg
Van Sant-Houghton Co., 544 Market
Vaughan H. G., 68 Post
Vitrolite Const. Co., 1490 Mission
Wagner Geo., 251 Kearney
Walker P. J. & Co., Monadnock bldg
Watson Daniel, 39 St. Ann
§Westerlund J. V., 320 Market
Western Building & Engineering Co., Call bldg
Western Motor Draying Co., 373 Noe
Western States Const. Co., Hearst bldg
White & Gloor, Monadnock bldg
Whitlock & Gorrill, Monadnock bldg
Whitton Frederick, 251 Kearny
Wilhelm A. H., 180 Jessie
§Willett & Burr, Sheldon bldg
Williams Bros. & Henderson, 381 10th
Wold C. L. Co., 75 Sutter
§Wright Chas., 517 2d

SANTA MARIA—Doane G. M. & Sons
STOCKTON—Clark & Henery Construction Co.

COLORADO.

DENVER—American Const. Co., 312 17th
Brown & Schaepferman, Continental bldg
Colorado Wrecking & Building Co., 1426 2d
Denver & Pueblo Const. Co., 3262 Blake
Denver Wrecking & Const. Co., 851 Delaware
§Dunn Chas. J., 1328 Inca
Farrar & Guy, Quincy bldg
Gaffy & Keefe Const. Co., 245 Kalamath
Gordon & Taylor Const. Co., Century bldg
Kirchhof Frank Lumber Co., 7th & Lawrence
§Lambie C. S. & Co., Tramway bldg
§Moncrieff Z. E., 1119 18th
Morrison Wm. O., Cooper bldg
Roberts J. F. Const. Co.
Stocker & Fraser, Chamber of Com.
*Wogan Maurice A., 1st Nat. Bank bldg

PUEBLO—Anderson Hamill Construction Co.
Pueblo Bridge Co. (Bridge)
Taylor Frank
TRINIDAD—Crouch Lumber & Const. Co.

CONNECTICUT.

BERLIN—Berlin Construction Co.
BETHEL—Dolan Mrs. Ellen
§Senior A. H.
BRANFORD—Rice M. P.
Sliney John T.
§Harrington C. W. Co.
BRIDGEPORT—§Bishop John H., 171 John
Bjorlund Chas. A., 682 Dewey
Blycher August W., 3128 Fairfield av
Botsford Charles H., 1515 Park av
Bridgeport Sewer Const. Co., 165 Lindley
§Burns Co., 952 Main
§Casey & Hurley, 120 Pequonnock
Chatlos William F., 1374 Barnum av
Christensen & Christensen, 869 Grand
Cocozza Louis H., 1188 Main
§D'Agostino Jos. Co., 1834 Main.
Doherty Joseph & Bro., rt. of Hallam
Dowling & Bottomley Co., 1119 Broad
Eisenman Chas. E., 154 Linwood av
§Gallagher Building Co., 257 Courtland
§Grant & Fanning, 49 Smith
§Hubbell S. W. Bldg Co., 589 Knowlton
Iron Ledge Co., 320 North av
Jackson & Greer, 500 Park
Ley E. T. Co., 1024 Main
§McCarthy Geo. T., 929 Ironistan av
§Marsh Bros. Co., R. F. D. 1
Martin William & Son, 164 State
§Martucci R., 1603 E. Main
Medve Peter, 130 Lenox av
Millo Pellegrino & Son, 85 Steuben
§Nording F. George, 1403 Boston av
§O'Brien Timothy & Son, 137 Black Rock av
Pardy T. J. Const. Co., 15 Fairfield av
§Phillips R. Co., 1188 Main
Pierce Mfg. Co. (Sewers, etc.), 785 Housatonic av
§Progressive Building Co., 738 Grand
§Saltman Henry B., 136 Fairfield av
Schnee & Schnee, 1115 Main
§Schultz Algott, 222 Union av
§Sheehan John R., Court Ex. bldg
Sillman & Godfrey Co., 1119 Broad (Paving)
§Smith W. A. & Son, 188 Cannon
Toole & Sunderlin (Docks, etc.), Warner bldg
Varone Bros., 287 Davenport
Wike & Sundin, 211 State
Wolf Concrete Constr. Co., 290 Palisade av (Paving)
Zitnay Andrew, 603 Arctic
BRISTOL—§Allaire P.
DANBURY—§Blackman W. B.
§Olmstead Fernando C.
Sturgess Frank M.
§Sunderlind Wm.
§Sweeney Luke F.
DERBY—§Durrschmidt Max A.
Eastern Engineering & Const. Co.
Tracy Edward P. (Road)
GREENWICH—§Anyan Wm. S.
Christiano Joseph
Cumiskey John H.
Egan Thos. J.
HARTFORD—Ahern & Welch Co., 721 Main
Andrus Chas. B. & Son
Balf Edw. Co. (Excavating, etc.)
Barrett Robert W.
Belden E. S. & Sons, 217 Laurel
§Bent R. G. & Co., 904 Main
§Brooks Peter & Son, 267 White
Bungalow Construction Co.
Burgess Construction Co.
§Caulkins W. E. & Son
Curtiss & Dean
Dall, Bowers, Inc., 348 Trumbull (Paving)
Ellison Construction Co., 60 Prospect
Fox T. R. & Son
Grozier Jas. H. Co.
Hills Alfred L.
Jones Richard F.
§McAuliffe & Mehegan, 720 Main
§McIntyre & Ahern
§Mahl Herman
Malcolm Thos.
Miskill Edw. J.
§Nevels Bros.
§Newton Theo. & Co.
O'Brien Denis & Sons Co., 118 Asylum
O'Loughlin James
§O'Neil Wm. F.
Porteus Walker Co.
Provost Napoleon L.
§Purves Adam
§Scoville Wm. H., 720 Main
§Smith & Des Champs
Squires Walter L.
Stenson Oliver E.
Waterman Harlan P.
Wise & Upson
HAZARDVILLE—Bridges Amos D. Sons
LITCHFIELD—Fabbri Frank
Switzer Geo. J.
MERIDEN—Kearney Thomas (Road)
Lane Construction Corp. (Macadam Construction, etc.)
Lines H. Wales Co.
§Miller Lewis A.
Suzio Leonardo Const. Co. (Roads)
York Hill Trap Rock Quarry Co. (Roads, Bridges, etc.)
MIDDLETOWN—§Annino Jos. S.
Arrigoni F. & Bro.
§Baldwin Linus
Brazos A. & Sons
Donahoe Bros. (Excavating, Grading, etc)
§McKenzie Donald
§Moore Harry S.
§O'Brien Dennis & Sons
§O'Connor James
§Stone C. O. & Son
MILFORD—§Broadwell C. H.
Clark Elbert N. (Roads)
NEW BRITAIN—Baker Milton O. (Concrete)
Baker & Lasher, Inc.
Cadwell Archie B. (Sewers, Grading, etc.)
§Carlson & Torell Co.
§Clifford A. D. Co.
Crowe Thos. W. (Mason)
§Downes John E.
Hall Bros. (Concrete)
§Hibbard B. H. Co.
Lyman Abner A. (Sewer & Grading)
Ulinski A. Bldg. Co.
NEW HAVEN—Abate & Giampuzzi, 39 Center
Augur Chas. E. Co., 549 Elm
*†Blakeslee C. W. & Sons (Sewer & Paving), 58 Waverly
Blatchley Burton N., 902 Chapel
Brazos Frank (Excavating, Sewer, etc.), 135 Foote
Carmichael D. G. (Mason), 902 Chapel
§Church Jas. A. Co., 262 Sherman av
City Point Concrete Co., 149 Greenwich av (Paving)
§Clark David H. Co., 166 Brewery
§Coan M. A., 185 Church
Colwell Philip (Sewer, etc.), 21 Gilbert
Connecticut Concrete Co., 185 Church
Conn. Hassain Paving Co., 902 Chapel
Dahill F. J. Co., 217 Water
Daley Robt. D. Co., 6 Church
Dwight Building Co., 24 Center
Dwyer & Mannix, 335 Shelton av
§Fowles Harry I. & Son, 188 Poplar
§Gibbud M. J. Co., 107 Water
Grant G. M. Co., 865 Chapel
§Hedges Geo. L., 330 Norton
§Hildreth J. D. & Son, 514 Elm
Hogan Jas. H., 138 Davenport av
Hoggson Bros., 129 Church
Hubbell & Merwin Co., 19 Artizan
§Humphrey John (Paving, Grading, etc.), 56 Perkins
Imperial Const. & Rl Estate Co., 29 Kensington
§Knoll Carl A. & Son, 59 Sherman av
Larson Oscar, 515 Quinnipiac av
*Lathrop & Shea Co., 185 Church
Leonard J. N. & Co., 902 Chapel
§Lowe John, 352 Grand av
§McCaulley Harry, 42 Helen Hamden
§McFeeters Chas., 586 Orchard
Maher Thos. F. (Sewers), 883 Orange
Maher & Sprague, Inc., 185 Church (Sewer)
Montgomery Bros. (Excavating & Grading), 58 Lombard
§Murdock Chas. W., 185 Church
New Haven Engineering & Const. Co., 82 Church
§Notkins A. L. & Sons, 23 Church
§O'Brien Laurence, 70 Beach

CONNECTICUT—New Haven—continued
Palmer & Lynch, 415 Campbell av, W. H.
§Patterson Wm. 2,41 Orange
Rice Jos. N., 902 Chapel (Paving)
§Ritchie Wm. Co., 115 Bishop
Russell Sam'l C., 185 Church
Sherman John L. (Grading, etc.),, 253 1st av, W H
*†Sperry Engineering Co., 82 Church
Sperry & Treat Co. (Masons), 39 Church
Standard Construction Co., 42 Church
Sullivan & McKeon, 843 Dixwell av
§Thomas & Hobro Co., 340 Howard av
Thompson J. P. (Excavating, Grading, etc), 204 Goffe
§Todd Jas. E., 255 Kimberly av
Warner Geo. W., 29 Circular av
Waterhouse Charles R., Jr. (Bridges, etc), 74 Park
Westcolt & Mapes, 204 Orange
§Wharton G. D., 213 Winthrop av
Wooding C. F. Co., 185 Church
NEW LONDON—Andre B. (Excavating, etc.)
Burch Horace O.
§Brody & Lipman
§Cruise Edwin
Doland, J. A. & Co.
Douglas H. R. (Inc.)
*Fitzgerald J. E. Co. (Masonry)
§Fowler O. L. (Mason)
§Harvey Wm. A.
§O'Connell Michael
Redden Const. Co. (Excavating & Grading)
§Ryan J. J. (Stone & Cement)
§St. Germain Joseph A.
Scott T. A. & Co. (Dredging, Pile Driving)
§Smith & Perry
§Woodworth & Jenney Co.
NORTH HAVEN—Bruce Lawrence (Road)
NORWALK—Carr Herbert V. (East Norwalk)
Malkin A. R. & Co.
St. John & Keyser
NORWICH—Blackledge H. & Co., 25 Seventh
Connecticut Engng. & Contracting Co.
Del Carlo C.
Dodd Thos. J. (Sewer)
McQuirk Wm. H.
§Peck McWilliams Co.
*Torrance Archibald (Sewer, Public Works, Waterworks, etc.)
Williams C. M.
§Young Wm. C.
OAKVILLE—§Abbott Chas. F.
PUTNAM—§Wheaton Bldg. Lumber Co.
SEYMOUR—Church Stephen B. (Water Works)
§Peck A. T.
SOUTH NORWALK—Foley T. F.
Marine Const. Co.
Mather Bldg. Co.
STAMFORD—Alevoli G., 88 Lanark rd
Genovese Bros., 290 W Main
O'Conner Concrete Const. Co.
§Sarsfield Thomas C., 324 Main
Shea-Sullivan Co., 303 Main
Spelke Const. Co., 231 Atlantic
Vuono Const. Co. (Masons), 303 Main
§Wardwell Frederick S.
TORRINGTON—De Michiel John & Bro.
Mascetti & Holley
Torrington Building Co., Inc.
WALLINGFORD—Kavanaugh Edward F.
Loucks & Clarke Corp.
§Wooding C. F. Co.
WATERBURY—Altieri Bros., 145 Bishop
Barbara & D'Aurio (Sewers)
Bernier Victor, 953 Baldwin
Chatfield George S. Co.
§Delowry Thos. A.
Gaffney J. W. Son, 427 E Main
Goldsmith & Chatfield, 672 W Main
†New England Engineering Co., 31 W Main
Spinach Henry Contracting Co. (Excavating, Grading, Sewer, etc), 216 Lounsbury
Tracy Bros. Co. (Masons)
WEST HAVEN—(See New Haven)
WILLIMANTIC—Ahern Construction Co.
Latham & Crane
§Doyle & Murphy Co.
§Meehan & Lambert
WINSTED—Carey J. F. (Grading, Waterworks & Public)

DELAWARE.

WILMINGTON—Bader J. A. Co., Dupont bldg
§Barkley N. Smith, 1324 W 5th
§Dangel David & Sons, 506 N Van Buren
§Downward Alfred, 809 Tatnall
§Haddock Wm. D. & Co., 804 Orange
§Hamilton Jos. S. Co. (Mason), 829 Orange
Healy John E. & Sons, 707 Tatnall
Jones Wm. H. Contracting Co., 823 Shipley
Manufacturers' Contracting Co. (Engineers), Church & F
Melvin Thos. H., 525 E 9th
Pyle & Stannard, 5 W 7th
§Reed A. S. & Bro. Co. (Public Work & Masonry), 815 Shipley
Tindall Chas. H. & Son, 614 Tatnall
Tindall Wm. C., 1200 Gilpin av

DISTRICT OF COLUMBIA.

WASHINGTON—Ahmay G. L. & Son, 423 11th, N W
Allen Construction Co., 1413 H, N W
§Avery Walter B., 632 G, N W
Bache Arthur J., 1225 11th,N W
§Beahm & Rice, 615 14th, N W
Beall Construction Co., 612 14th, N W
Bean James W., N W cor 4th & M, N E
Boryer Harry F., 1300 F., N W
Boyle-Robertson Constr. Co., Evans bldg
Brenizer Warren F. Co., 205 Q, N W
Brennan Construction Co. (General Engineering Contractors), 1419 G, N W
Carmody Frank S. Construction Co. (Public Work), 1413 G, N W
Case Walter, 817 G, N W
Cassidy Chas. J. Co., Southern bldg
§Clarke & Winston Co., 10th Wharf, S W
Collins Chs. D., 1402 S, N W
Corbett Geo. W., 409 10th N W
Cranford Paving Co. (Caisson & Bridge Foundations), 2620 E, N W
Darby Rezin W., 3009 O, N W
§Davis Construction Co., 1419 G, N W
De Lacy E. J., 638 G, N W
Drew Fred Co., Woodward bldg
Edmonston Sam'l H. Co., 611 G, N W
§Fersinger Peter, 1 N, N W
Fuller Geo. A. Co., Munsey bldg.
Garrett Wilbur R., 1416 F, N W
§Gibbs J. B., 1633 O, N W
Gormley P. F. Co., Union Trust bldg
Gummell Edw. G. (Sewer & Public), 36 P, N W
Hampton Thomas, Union Savings Bk.
Harper Wm. F., 68 V, N W
Hughes Thos. & Son (Brick Wk), 58 New York av, N W
Hull Henry, 1418 F, N W
§Kennon Chas. C., 814 18th, N W
Langley Chas. A., 310 12th N W
Leaman Lafayette, 1416 F, N W
§Lipscomb Wm. P. & Co., 1405 F, N W
Loehler G. G. Co., Franklin Nat'l Bk. bldg
McCray Wm. H., Bond bldg
McKay & Morris, 1336 G, N W
Marshall Jas. L., 700 10th N W
Meatyard Constr. Co., Wilkins bldg
Melton Const. Co., Real Estate Trust Bldg
Miller W. C. & A. M., Union Trust bldg
§Mooney W. E., Evans bldg
Moses A. C. Constr. Co., 916 N. Y. av, N W
Murray W. D. & Co., Bennings rd
Nash Franklin P., 1331 8th, N W
Nolan John H. Construction Co., Nolan bldg
§Parsons Jas. L., Southern bldg
Perry Chas. B., 3022 14th, N E
Poynton Arthur M Co., 715 14th, N W
Prescott Sam'l J. & Co., 814 13th N W
Reeve Wm. K., 826 19th N W
Richardson & Burgess, Colorado bldg
Seaton B. F., 62 Q, N W
Skinker & Garrett, 1416 F, N W
§Smith Arthur L. & Co., Woodward bldg
Sorrell Richard H., 329 N, S W
Stewart Jas. & Co., Munsey bldg
Stutler Warner, 1225 N. J. av N W
Upton Smoot Constr. Co., Wash. L. & T. bldg
Vinson Contracting Co., 203 Indiana av
§Wagner Frank L., 1413 H, N W
Wardman Harry, 1430 K, N W
Watts H. D. Co., Riggs bldg
Weller Michael A., 816 14th, N W
§Whitty R. P. & Co., Union Trust bldg
Wilkinson Jos. R., 3326 N, N W
§Wischhusen John, 811 Butternut, N W
§Wyne Geo. E., Home Life bldg
Yost Amos S., 1004 Pennsylvania av S E
Zepp Guy S., Southern bldg

FLORIDA.

JACKSONVILLE—Bryan & Co. (Macadam Roads)
Bryson & Bryson
Donahoo & Kidd
Foster & Long
Halsema-Buckland-Fitchner Co.
Jacksonville Concrete Co.
Long Fred W. & Co.
Ramsay Jas. (Paving)
Richardson Frank M. Co.
Richardson W. P. & Co.
Ross R. G. (Public & Government Work)
§Southern Constr. Co.
Woodcock O. P.
MIAMI—Art Stone Construction Co.
Johnson & Co.
§St. Johns Constr. Co.
Seminole Constr. Co. (Road)
Ward & Pride
PENSACOLA—Blount F. M. Construction Co.
Davis L. M.
Fulghum S. F. & Co.
Pons & Sunday
Southern Paving Construction Co.
Turner C. H. & Co.
Willis C. W.
PLANT CITY—Chapman Edgar
ST. PETERSBURG—§Fletcher R. E.
Henry Walter C. & Son
Southern Construction Co.
Williams W. B.
SARASOTA—Howard & Wread
McAlpin Geo. M. (Concrete)
TALLAHASSEE—Childs Bros.
TAMPA—Bates-Hudnell-Jetton Co.
Cole W. V.
Davis Robt. L.
Edwards Construction Co.
Holmes & Binkley (Paving, etc.)
Kennedy W. P.
Logan Bros.
Lopez M. F.
McGuckin & Hyer
Miller G. A.
Parker E. W.
Sherrill T. B. (Paving, etc.)
Thompson B.
Walker D. C.

GEORGIA.

AMERICUS—Americus Const. Co.
ATLANTA—Austin Bros. (Bridge Construction)
Bernhardt Chas. Wm.
Bray G. H.
Brown I. N.
§Brown J. H. Co.
Butler W. T. & Son
Carr H. J. & Co.
Case & Cothran
§Clayton Geo. A. (Bldr., etc.)
Donaldson J. S. (Grading)
Donaldson & Pearson
Dowman-Dozier Mfg. Co.
§Fischer J. A.
Flagler Co.
Francis W. P.
George Wm. H.
Griffin Construction Co.
Gude & Co.
§Hamilton Alex D.
Hard Stralton
§Hopkins P. B.
Hudson R. M. Co. (Paving)
Kalb, L. C.
Kennedy J. E. Co.
§Krebs Allen, Jr.
*Lane C. W. & Co. (R. R., etc.)
§Lee Tile & Construction Co.
McCrary J. B. Co.
§Mackle Const. Co.
Mashburn W. E.
Miles & Bradt Co.
Miller C. E.
Municipal Engng. & Constr. Co.
Murphy's C. P. & Sons (Paving)
Myers C. B., Constr. Co.
Nichols Contracting Co.
Oxford J. E.
Pittman Construction Co.
Shelverton C.

Souders Byron (Paving, etc.)
Southern Constr. & Supply Co. (Public Buildings, Municipal Improvements, etc.)
Southern Ferro Concrete Co.
Walker R. M.
Wesley T. C.
AUGUSTA—Brown T. O. & Son
Daly T. J.
Holley, C. B.
Lawrence Constr. Co.
McKenzie Bldg. Co.
Palmer-Spiney Constr. Co.
Rowland A. K.
Sibert & Robinson
Twiggs A. J. & Sons (Engrs.)
COLUMBUS—Barlow M. C.
***Gardner & Doughtie (R. R.)**
Georgia Paving & Construction Co.
*Hardaway Contracting Co. (Bridges, etc.)
§Jordan Co.
Pollard M. J. C.
Wooten L. E.
CORDELE—**Hinton W. C.**
Little & Phillips
MACON—Beeland W. J.
Cornell-Young Co.
Elkan M. M. (R. R., etc.)
Preston-Small Constr. Co, (Paving)
Schofield-Burkett Const. Co.
*Williams W. Z. Co. (R. R., etc.)
MANSFIELD—Mansfield Lumber & Construction Co.
SAVANNAH—*Gadsden Contracting Co.
Hawley W. O.
Morgan E.
O'Connell C. C.
Otto Geo. F.
Savannah Engineering & Const. Co.
WAYCROSS—Darling Construction Co.
§Park Mossand & Co.
§Parker V. C. & Son
WRIGHTSVILLE—§Chester W. C.

IDAHO.

COEUR D'ALENE—Carscallen Bros.
POCATELLO—§Green R. H.
Hurst Leo
TWIN FALLS—Pape M. H.
WALLACE—§Freedner Charles

ILLINOIS.

ALTON—Mulville Bros.
Voorhee F. A. Constr. Co.
Wuellner J. J. & Son
ANNA—§Shipley James M.
§Coffman Jas. M. & Son
ARCOLA—Goggin Construction Co.
Thornton & Ginder (Concrete Brick)
ARLINGTON HEIGHTS—Boeger John C.
Doan Israel & Sons Co.
Meyer Wm. & Son
Myer Henry G.
Graham Wm. H.
Sylvester Edmond
BELLEVILLE—§Bauer Bros.
Hoeffken Bros.
Reeb Bros.
Teufel-Kloess Co.
BLOOMINGTON— **Bloomington Const. Co.**
§Bowman C. C.
Lain Ira D. (Paving)
McCarthy M. C.
Russell G. A.
Ward Edw. (Mason)
BRADLEY—Moroff John & Son
BUSHNELL—Schaff C. S.
Wiegert Construction Co.
CHAMPAIGN—Davis C. W.
English Bros.
§Freeman & Brooks (Masons)
Lange Bros. (Cement)
Nofftz R. T.
Norman U. G.
Stipes & Pilcher (Paving, etc.)
Stoolman A. W.
CHICAGO—Adams Constr. Co., **137 S. La Salle**
Adams Wm. Co., 209 La Salle
Aetna Paving Co., 133 W. Washington
Allan Geo. & Co. (Masons), 625 W 69th
Allen & Garcia Co., 332 S Michigan
§Allison & Goldbeck, 109 N Dearborn
American Sewer & Drain Constr. Co., 2816 N Washtenaw av
Anderson A. & E. Co., 19 La Salle
Anderson & Winblad, 6235 S Michigan av
§Andrews Wm. R., 3839 Ellis
§Appel Henry L. Co. (Masonry), 179 W Washington
Archibald E. L. Co., 111 W Washington
§Arnold Co., 105 S. La Salle
Baldwin M. E. Construction Co., 140 S Dearborn
Balkan Construction Co., 53 W Jackson blvd
§Barnard H. B., 140 S Dearborn
*Bates & Rogers Construction Co. (Engineers & Contractors), 37 W Vanburen
§Bauer A. Constr. Co., 227 W Huron
Benson & Peterson 437 Leclaire av
Bergendahl-Knight Co., 111 W Monroe
§Bernritter Frank H., 127 N Dearborn
Bishop H. A., 208 S La Salle
Bjork Bros., 3811 Forest av
§Black Constr. Co., 20 W Jackson blvd.
Black James Masonry & Contracting Co., 212 W Washington
Blase Hans, 5019 Pensacola av
§BLOME-SINEK CO., 139 N Clark
§Boyce W. E. Bldg. & Mfg. Co., 1558 Wells
Brady W. B. Const. Co. (Paving), 111 W Washington
Brennan Const. Co., 11 N La Salle
§Brittain John J. Co., 105 W Monroe
Broline Nolan & Co., 8 S Dearborn
Brundage Avery, 110 S. Dearborn
Buck Niels & Co., 105 La Salle
Bulley & Andrews, 25 N Dearborn
Bund & Bros. (Cement), 915 E 75th
§Burrell Engineering & Construction Co., 323 S La Salle
§Bushnell Carl, 133 W Washington
Butler & Co., 30 N La Salle
Byrne Bros. Dredging & Engineering Co., 208 S La Salle
Calumet Concrete Const. Co., 100 W 115th
Cameron W. J. Co., 106 N La Salle
§Canadian-Leonard Const. Co., 332 S Michigan av
Canal Construction Co. (Excavating, etc.), 189 W Madison
Carnegie John L. & Son, 189 W Madison
Carter W. G., 3301 Parnell av
Caughlin F. P. (Paving), 30 N La Salle
Central Paving Co. (Street), 179 W Washington
Chapman Chas. (Mason), 118 N La Salle
Chicago Building Const. Co., 4770 Lincoln av
Chicago Drainage Const. Co., 30 N La Salle
Chicago Foundation Co., 105 W Monroe
Chicago General Constr., 133 W Washington
Citizens' Const. Co. (Excavating, Grading, Sewer, Street, etc.), 133 W Washington
§Clark A. R. & Co., 30 N Michigan av
§Clark C. Everett Co., 69 W Washington
Clayson Edw. (Masonry), 1307 N Harding av
Cleary-White Const. Co., 105 W Monroe
§Clifford S. & Co., 10 S La Salle
Cohlgraff Henry J., 133 W Washington
Connelly Joseph L. Co. (Masonry), 133 W Washington
Continental Bridge Co., 53 W. Jackson blvd
Contracting & Material Co., 10 S La Salle (Paving)
Conway R. F. Co. (Brick, Paving, etc.) 133 W Washington
Croake James J. (Cement), 2927 Fullerton av
***Cullen-Friestedt Co., 7 S Dearborn**
Cullen Geo. P. (Bridges), 155 N Clark
Custodis Chimney Co., 140 S Dearborn
Daegling A. V. (Mason), 9000 Houston av
Darling & Eitel Co., 130 N 5th av
Desmond Owen E., 429 Plymouth ct
Dillon Jno. & Co., 179 W Washington
Doherty Frank E., 133 W. Washington
Dolese Bros. Co., 10 S La Salle
Dolese & Shepard Co. (Paving, etc.), 108 S La Salle
Dowling & Rutherford, 128 N La Salle
Downey Joseph, 30 N La Salle
Drumm Constr. Co., 332 S Michigan av
*Dunn-McCarthy, 37 W Van Buren
Egan & Co., 133 W Washington
Engineering Constr Co., 106 N La Salle (Sewer)
Entin & Rubin (Mason), 1357 N Rockwell
Ericsson Henry Co. (Heavy Masonry), 139 N Clark
§Eshelman Jas. C., 35 N Dearborn
§Fellgren Constr Co., 5817 B'way
Ferro Construction Co., 537 S Dearborn
*Fitzsimmons & Connell Dredge & Dock Co. (Dredging, Timber Dealers, Canals, Piers, Tunnels, Foundation), 2413 S Paulina
*Flick J. H. Const. Co., 37 W Vanburen
Ford & Phillips Co., 723 S 5th av
Foundation Co., 209 S La Salle
§Fox Geo. H. & Co. (& Masons), 19 S La Salle
Frandsen Const. Co., 64 W Randolph
§Freyn & Co. (General), Peoples Gas bldg
§Fuller Geo. A. Co., 140 S Dearborn
Fulton Asphalt Co. (Paving, etc.), 53 W Jackson blvd
Gage Thos. G. Co., 111 W Monroe
Gallery John J. (Bridge), 133 W Washington
Gebhardt John & Son, 1825 Orchard
General Concrete Constr Co., 431 S Dearborn
Giblin Peterson & Scosen, 39 S La Salle
§Gindele Chas. W. Co., 3333 S La Salle
Goldie Robert Co., 19 S La Salle
§Grace Wm. Co., 519 S Oakley bl
§Great Lakes Dredge & Dock Co. (River & Harbor), 104 S Michigan av
Green & Sons Co., Orland
Griffiths John & Son Co. (Fire Proof Buildings), 112 W Adams
Haigh Joseph & Sons Co., 140 S Dearborn
Hammond John Co. (Masonry), 68 W Washington
Hanreddy Joseph (Paving), 127 N Dearborn
Healy Wm. F. (Sewers, etc.), 82 W Washington
Hendry Alex., 320 W Grand av
*Heyworth James O. (R. R., River & Harbor), 606 S Michigan av
Hinchliff Geo. Co., 189 W Madison
Hoeffer & Co., 133 W Washington
Hoffman W. L. & Co., 144 W 47th
Hoover & Mason, 80 E Jackson blvd
Horton & Moseley, 140 S Dearborn
Howard A. L., 19 S La Salle
Hunter S. M. & Co., 5643 Harper av
Illinois Improvement & Ballast Co., 208 S La Salle
§Iverson E. & Sons, 175 W Jackson blvd
Janisch John L. (Cement), 5301 Ravenswood av
Jeffrey John Co., 127 N Dearborn
Jensen J. C. & Co. (Cement Paving), 7022 St. Lawrence av
Jensen & Steenhill, 105 S Dearborn
Johnson Construction Co., 38 S Dearborn (Paving)
Johnson F. & Co. (Cement), 1943 N Cal. av
Johnson G. A. & Son, 1335 N Clark
Johnson John H., 133 W Wash
Johnston A. Jr. & Co., 111 W Monroe
Jones Const. Co., 1748 W Madison
Jones & Winter, 53 W Jackson blvd
Kalchbrenner John, 133 W Wash'n
*Kearns T. A. Co. (Bridges, Docks, etc.), 343 S Dearborn
Kehl G. & Son Co. (Cement), 1225 N Maplewood av
Kelly-Atkinson Const. Co. (Steel Bridges, Buildings, Roofs, Viaducts), 189 W Madison
Kenwood Bridge Co., 1st Nat'l Bk. bldg
Ketler-Elliott Erection Co. (Bridge), 155 N Clark
Kilgore W. B., 1272 W North av
§Krahl Const. Co., 350 N Clark
Kreamer & Co., 118 N La Salle
§Krietenstein John, 35 N Dearborn
Krug Wm. & Son Co. (Excavating, etc.), 6529 S State
Lane A. W., 19 S La Salle
§Lanquist & Illsley Co., 1100 N Clark
§Lauk Bros., 3257 Grenshaw
Lauth Philip, 29 S La Salle
Leafgreen Hans A., 133 W Wash'n
Leake T. S. & Co., 608 S Dearborn
Leonard Construction Co. (Engineers & General Contractors, Warehouses, Mfg. Plants, Railway Buildings, Power Houses, Bridge Masonry, Reinforced Concrete, etc.), 332 S Michigan av
Levine Constr. Co., 332 S Michigan av

ILLINOIS—CHICAGO—continued
Leyden-Orstelfen Co., 53 W Jackson blvd
Lorenz Bros. Co. (Cement) 4540 W. Madison
*Lorimer & Gallagher Co. (R. R., Canal, Masonry & Heavy Concrete), 226 S La Salle
Lotz Philip & Co., 56 E Randolph
Lund & Nelson (Masonry), 19 S La Salle
Lyman Wm. H. (Paving), 155 N Clark
Lynch Austin J. Co., 111 W Monroe
McCarthy Bros., 10 S La Salle
McCall Const. Co. (Masonry), 327 S La Salle
McCumber Wm., 140 S Dearborn
McGarry John A. & Co. (Paving), 189 W Madison
McGovern M. H. (Paving, etc), 332 S Michigan av
McGuire J. J., 546 W Vanburen
§McKeown Bros., 4817 Cot. Grove
§McLachlan Bldg. Co., 112th & Pullman
McLennan Const. Co., 30 N Michigan av
*McMillan Contracting Co. (R. R. Steam Shovel Work, etc.), 37 W Vanburen
McWilliams R. H. & G. A. (Drainage, etc.), 332 S Michigan av
*MacArthur Bros. Co., 208 S La Salle
MacArthur Concrete Pile & Foundation Co., 122 S Michigan av
MacLean Constr. Co., 76 W Monroe
Marquette Const. Co., 133 W Wash'n
Martin Const. Co., 74 W Wash'n
Mavor Wm. Co., 72 W Adams
Mayclim & Duncan, 621 S Dearborn
Maynard Everett W., 6408 Harvard av
Melter-Larkin Paving Co., 133 W Washington
Menke, Thielberg Co., 139 N Clark
§Meyne Gerhardt F., 127 N Dearborn
Monolithic Silo & Construction Co., 110 S. Dearborn
Morava Const. Co., 85th & Stewart av
Moraw Bldg. Co., 127 M Dearborn
Moreland H. D. Co., 105 N Clark Masonry
Morrice Wm. Co., 17 N La Salle
§Moses Chas. A. Const. Co., 133 W Washington
§Mueller Const. Co., 179 W Washington
Muller Franklyn R. & Co., 8 S Dearborn
Mutual Const. Co., 155 N Clark
†Myers L. E. Co., 53 W Jackson blvd
Myrick Franklin W., 108 S La Salle
*Nash Bros. (Underground Improvement), 10 S La Salle
Nash-Dowdle Co. (Sewer, Public & Government), 29 S La Salle
Nelson F. P. & Sons Co., 139 N Clark
Nelson Jos. E. & Sons, 118 N La Salle
Nelson & Lewin, 111 W Washington
Neumkirchen & Harrsch (Masonry), 133 W Washington
Newman W. J. Co., 19 N Curtis
New York Continental Jewell Filtration Co. (Government, Municipal, Industrial & Railroad Work), 111 Monroe
Nielsen S. N. & Co., 3059 Augusta
Niemz Arthur R., 847 Bradley pl
Norcross Bros. Co., 3943 Union av
*†North American Railway Construction Co. (R. R.), 53 W Jackson blvd
§North Shore Improvement Co., 25 N Dearborn
O'Brien Wm. J. Const. Co., 25 S La Salle
O'Connor J. P. & J. W. Co., 189 W Madison
Ogle Const. Co., 332 S Michigan av
§Olson Bros., 6200 Evans av
Overland Const. Co., 39 S La Salle
Paddock Bond & Co., 25 N Dearborn
Parker-Washington Co. (Paving), 68 W Washington
Peerless Engng. & Const. Co., 133 N Washington (Paving)
Peters H. A. Co., 19 S La Salle
Peterson Wm. F., 25 W Jackson blvd
Pfannmueller Engineering Co. (Power Plants, etc.), 38 S Dearborn
Pillinger W. A. Co., 11 S La Salle
Pitkin F. H. (Concrete), 30 N Michigan av
Pleas Concrete Const. Co., 30 N La Salle
Porter Chas. M. (Sewer, etc.), 111 W. Washington
Powell Bros. (Cement Paving), 11 S La Salle
Powers M. F., 30 N La Salle
Prendergast T. J., 118 N La Salle
Proudfoot Frank G. (For Public Works), 127 N Dearborn
Pruitt & Moore, 7541 N Ashland av
Purcell Bros. (Excavating, Grading, etc.), 3226 Ogden av
Rauen Math., 111 W Washington
Rawson & Green (Cement), 6410 Cottage Grove av
Raymond Concrete Pile Co., 111 W Monroe
Regnell B. J. Co., 19 S La Salle
§Reidenouer & Erickson, 535 E 47th
Rennacker Construction Co., 10 S La Salle
*Roberts Bros., 17 N La Salle
Roberts & Schaefer Co. (Engineers & Contractors for Coal Handling Plants of All Kinds), 332 S Michigan av
Robinson John C. & Son, 79 W Monroe
Rodatz J. (Masonry & Public), 209 S La Salle
Rosenthal O. W. & Co., 80 E Jackson blvd
Ross J. A. & Co. (Cement), 4561 Armitage av
Rowley Bros., 812 W 63rd
Russell Wm. J. & Co., 58 W Wash'n
Ryan Co., 4500 W Division
Sackley Jas. A. Co. (Paving & Public), 1004 S Keeler av
Salomon-Waterton Co., 343 S Dearborn
Salomon Wm. E. & Co., 175 W Jackson blvd
Scheidenhelm Edw. L. Co., 111 W Monroe
Schillinger Const. Co., 2322 N Seeley av
Schillinger G. A., 133 W Washington
Schmidt Bros. Const. Co., 105 N Clark
Schmidt Const. Co. (Paving), 133 W Washington
Scown Wm. J. Bldg. Co., 36 W Randolph
*Scribner Gilbert H., 108 S La Salle
Selden-Boeck Const. Co., 122 S Michigan av
§Severin N. P., 82 W Washington
Shedden Jas. & Co., 106 N La Salle
Shnable & Quinn, 30 N La Salle
Siebold F. A. & Son, 189 W Madison
Simpson Const. Co., 133 W Washington
Simpson Ralph H. Co., Hearst bldg
Skafgaard A. (Concrete), 1656 Keystone av
Skoglund Aug. H., 179 W Washington
Snyder J. W. Co. (Heavy Masonry, etc.), 122 S Michigan av
Sollitt Oliver Const. Co., 209 S La Salle
§Sorenson Louis, 189 W Madison
Sproul E. W. Co., 1120 W 35th
Standard Concrete Const. Co., 108 S La Salle
STEWART JAS. & CO., Westminster bldg
Stiles Geo. W. Const. Co., 11 S La Salle
Stoddard Const. Co., 343 S Dearborn
Stowell Frank H. Co., 137 S La Salle
§Strandberg Bros. Co., Association bldg
Strandberg E. P. Co., 5010 S Wabash av
Stresenreuter Bros., 3020 S Halsted
Suspension Steel Concrete Co., 111 N Jefferson
Sweiberg Chas E. (Mason), 82 W Washington
§Swift Geo. B. Co., 189 W Madison
§Tampary C. P., 614 S Halstead
§Thompson-Starrett Co., 175 W Jackson blvd
Thomson G. & Son Co., 30 N La Salle
§Todd J. & Co. (Masonry & Public), 19 S La Salle
Treadwell Const. Co., 208 S La Salle
Turner F. A., 1728 Lunt av
§Turnes W. J. Co., 35 S Dearborn
Turnquist Bros. (Mason), 217 E 69th pl
Ulen Contracting Co., 38 S Dearborn
Union Paving Co., 108 S La Salle
U. S. Dredge & Dock Co., 29 S La Salle
Walsh & Masterson (Pile Driving), 35 S Dearborn
Warner Construction Co., 189 W Madison
Warwick Construction Co. (For All Classes of Fire Brick Work), 1048 W Harrison
Washington Construction Co., 118 N La Salle
Wells Bros. Co., 53 W Jackson blvd
Wesche John A. (Masonry), 118 N La Salle
White Paving Co., 17 N La Salle
Wieboldt Construction Co., 1534 W Van Buren
Wilson R. F. & Co., 154 W Randolph
†Witherspoon-Englar Co., 53 W Jackson blvd
§Woodley Wm. T., 6 N Clark
*Yale & Reagan, 111 W Washington
Yauger & Co., 133 W Washington
Young & Co. (Concrete, etc.), 5 N La Salle

CHICAGO HEIGHTS—Chicago Heights Const. Co., Chicago Heights
Fuller Geo. H.

DANVILLE—Carter Bros. (Dredging)
Clark Construction Co.
Gillespie Lowell
Howell J. W.
Mitchell J. H.
Moore E. S.
Olson John
Pierce Wm. L.
Poll J. C.
Quint Frank
Randall Edwin
Schingel Jos. Jr.
Sheets-Ingersoll Co.
Stevens Chas. E.
Yeager M. & Son

DECATUR—Baldridge Bros.
Cope L. N. & Son
Decatur Construction Co.
File & Alexander
Henton John R.
Hunt L. F.
Knight W. E.
McCalman Construction Co.
Neeld Benj. M.
Rakow Emil C.
Reid Wm. E.
Stouffer Bros.
Tuttle Sheridan A.

DIXON—McAlpine W. J.

EAST ST. LOUIS—Carr Commodore
Hall Howard H. Const. Co. crete, etc.)
Keeley John & Patrick (Paving, Concrete, etc.), 2100 State
Meyer & Thomas Const. Co.
Murphy Construction Co.
Owens John & Son
Rich, Louis, Const. Co.
Stolle, Casper, Quarry & Contracting Co.

ELGIN—Illinois Hydraulic Stone & Construction Co.
Logan & Giertz Construction Co.
Lydon M. J.
Smith S. A.
Wright J. A.

EVANSTON—Dupre Christian
Ekstrand Oscar & Co.
Evanston Bldg. Mat'l Co. (Mason)
Foley M. Co.
McCann Co.
Mathews Jas.

FREEPORT—Babcock Alex. L.
§Blackhawk Construction Co.
Gund Graham Co. (Uaving)
Hineline J. M. & H. H.
Shons Wm. H. (Stone, Concrete Bridges, etc.)

GALESBURG—McAuley J. B. (Paving, Sewer, etc.)
Monmouth-Galesburg Construction Co.
Munson P. O.
Olson Peter T.

GALVA—Lind J.

GENEVA—Wheeler John Construction Co. (Work of All Kinds)

JACKSONVILLE—Cherry John (Paving, Sewer, etc.)
De Gouveia Jos.
Robinson W. D. & Sons
Vasconcellos & Sons

JOLIET—Ahlvin Victor O.
Chalstrom J. E.
§Cole & Field.
Embankment Co.
Hansen & Petersen Co.
Ideal Concrete Constr. Co.
Latz Henry
§Orbeson & Hansen
§Pease Sidney B.
Powers & Thompson Constr. Co.
Welsh Construction Co.

KANKAKEE—Cleland G. A.
Collins T. P.
§Houde Construction Co.
McMullen Harry (Paving)
Paulissen J. P.
Roat Oakley
KEWANEE—Carlson A. E.
LANARK—Sword G. W. & Son
LA SALLE—Goodman E. & Co
Keys T. W. (Sewer & Paving)
MACOMB—Fuhr H. H.
MATTOON—Loomis A. C. Co.
Michael C. A. (Paving)
§Ozee J. S. Sr.
Powell Constr. Co.
MOLINE—Brissman & Co.
Heaps Clarence E. (Bldr. & Gen'l)
Lorenz P. H.
Lundahl Bros. Fuel & Contracting Co.
§Peterson Peter (Bldr. & General)
MONMOUTH—Galesburg Construction Co.
NEWMAN—Vermilion Wm.
NORMAL—§Haffington F. A. & Sons
OAK PARK—Bernard J. L. S.
Carey-Mandi Constr. Co.
Caron August S.
Goelitz Henry G.
Goetter & Hillman.
Guy & McClintock Co. (Mason)
Harper & Buttendorff Co. (Masons)
Sias & Grenfell
Smith C. D. & Son (Cement)
OTTAWA—Dougherty J. M. (Sewer)
§Jeffrey W. A. & Sons
McCormick John C.
§Sinnott Bros.
Woodward I. L.
PEKIN—Conklin-Reuling Co.
Jansen & Schaefer
Veide C. L. & Co.
Zimmer John E.
PEORIA—§Allen W. M. Son & Co.
Barnewolt Constr. Co.
Bushell A. A. & Son
Dunlap & Coleman Co.
Jobst V. & Sons
Thompson A. D. Co.
Voos John & Son
PERU—Koehler F. A.
Peru Construction Co.
Stangel & Boekling
Trompeter Joseph (Paving, etc.)
QUINCY—Brinks Henry & Sons
Buerkin & Kaempen
Clough Concrete Construction Co. (Concrete & Bridge Construction)
Heidbreder & Weiss
Menke F. W. Stone & Lime Co.
Meyer & Peters (Concrete)
ROCKFORD—§Cook Wm. H.
General Engng. & Const. Co. (Concrete)
Holm Page Co.
McLee John
Pearce Bros.
Rockford Concrete Co. (Reinforced Concrete Work)
Rutledge A. E.
§Van Alstyne Walter & Co.
ROCK ISLAND—Anderson Aaron
§Chambers F. M.
§Horst Henry W. Co. (Bldrs. & General)
§Hudson Collins & Hammerich (Bldrs. & General)
Larkin C. J.
Nelson Bros.
Paulsen Henry F.
Sievers Jasper
§Volk John & Co. (Bldrs. & General)
ST. ELMO—*Johnston P. M. Co.
§Maus C. W.
SANDWICH—Franklin Geo.
Franklin Geo.
Humiston Edgar
Striegel Geo. J.
SPRINGFIELD—Biggs & Son
Bretz John E. (Sewer & Paving)
Fitzsimmons, Frank
Hocker E. W. & Co. (Concrete)
McKee Construction Co.
Welch Henry & Son
Sime John
Wilson John F.
Wise & Son
STERLING—Hess E. C.
Ramsdell R. H., Construction Co.
STREATOR—Jenkins Daniel
Pugh Wm. (Cement)
Swartz G. A. (Paving)
SYCAMORE—§Quist Samuel
WILMETTE—Crabb James
Scheidenheim Ed. D.

INDIANA.

ALEXANDRIA—Sullivan, Mason & Sullivan (Stone Contractors)
Walker Marion M. & Son (Roads, etc.)
ANDERSON—§Colvin Albert Leslie
Daniels & Lyst
§Eshelman David & Son
Kelly Thos. P.
Madison Construction Co.
§Thompson William E. & Son
§Wright Benj. F.
BEDFORD—Bedford Cut Stone Co. (Paving)
Hunter M. W.
King & Estridge
Smith Gus A.
BRAZIL—Cutshall & Cutshall
Jones, Underwood & Fletcher (Cement)
Shattuck Austin M.
BROOKSTON—Vanatta John C. (Dredging)
BROOKVILLE—Wilson T. F. & Son (Road, etc.)
COATESVILLE—Lisby & Masten (Road)
COLUMBUS—Dunlap & Co.
§Graffa & Son
Robertson Geo. W. & Co.
Schoonover Henry A.
CONNERSVILLE—§Disborough Geo.
§Miller S. E.
§Stoops Thos. H.
CRAWFORDSVILLE — Buchanan Washington T. (Road)
Carr W. C. & Son
Harding, Slattery & Buchanan
Nolan & Johnson
§Swan & Son (Brick)
CROWN POINT—§Crowell E. H.
Muzzall F. E. (Concrete)
DELPHI—Clauser W. H. & Sons
O'Connor John C & Son
DUNKIRK—Hayes Const. Co.
ELKHART—§Bushnell G. B.
Kistner Geo. C.
Northern Const. Co.
Yost, John C.
ELWOOD—§Digel S. H. (Large)
Hicks W. R.
§Wood J. J. & Son
EVANSVILLE—Anchor Concrete Const. Co.
§Anderson & Veatch
Bedford Nugent Co. (Paving)
§Bippus Jacob & Son
Crescent Concrete Constr. Co.
§Hoffman M. J. Const. Co.
Hollerbach & May Contract Co. (River Harbor, etc.)
Kanzler Chris & Son
National Contract Co., River & Harbor
§Scarborough-Davies Co.
Whitehead Bennett (Bridge & Road)
FORT WAYNE—Beers Const. Co.
Borkenstein B.
Brooks Construction Co.
Brown J. O.
Buesching-Hagerman & Co.
§City & Suburban Bldg. Co.
Derheimer & Co. (Sewer & Public)
Foohey Timothy Dredging Co.
Fort Wayne Roofing & Paving Co. (Paving)
Grace Constr. & Supply Co.
Henry Jas. M.
Hilgeman Henry
Indiana Engng. & Constr. Co.
Kinder Paul P.
§Liebman Ernest F.
Moellering Construction Co.
Olds C. L. Construction Co. (Public Work)
Rump Fred J.
Western Gas Const. Co. (Gas Works, etc.)
Wildwood Builders Co.
FRANKFORT—Barnett F. P.
Cohee A. F. & Co.
Frankfort Construction Co. (Paving, etc.)
Good & Lee
Huffine Chas. C. & Co.
Kelley Bros. Road)
McKinsey & Jenkins (Road)
Nees & Co.
Ross John A.
Snyder & Barnett (Road)
GARY—Cain Construction Co.
§Dexter H. H.
Frost Jos.
Gary Const. Co.
General Constr. Co.
Holben M. W. (Sewer)
Smith Sela A.
Ward Oliver Q.
Cripe & Seaman
GOSHEN—Cripe & Seaman
Hatch W. W. & Son's Co. (Paving & Public)
GREENFIELD—Fry James W.
Gant Edward G.
Gillespie Adam
Hooton & Son
Kirkpatrick Christian M. (Paving & Public)
GREENSBURG—Isgrigg W. H. & Son
*Pulse & Porter
HAMMOND—§Dickover M. A.
§McClay John H.
HUNTINGTON—Hipskind Philip & Son
Keefer & Bailey
INDIANA HARBOR—Callahan & Schock
§Doppler Jos.
Orth Frank
INDIANAPOLIS—Abel Bros., Am. Central Life bldg (Cement)
American Constr. Co. (Street, Sewers, etc.), 108 N. Delaware
Austin Co., Merchants' Bank bldg
Bedford Stone & Const. Co., Fletcher Sav. & Trust bldg
Builders Const. Co., Lemcke Annex
Capital Constr. Co., 415 8th & Market
Central States Bridge Co., 601 Beecher
Chandler Geo. M. Co., 1523 W Market
§Conder & Culbertson, Odd Fellows bldg
§Cones Frank, 408 Lombard
Consolidated Constr. Co., 827 Law bldg
Cornelius Henry D. Co. (Sewer), 3014 Calvelage
§Dollman Henry, Merchants' Bank bldg
Driscoll T. J. & Co., Mers Bank bldg
§Dunn Geo. O. & Bros.
§Elder Robert L., 806 E. 11th
§Everly Wm., 314 Newton Claypool bldg
Gottschalck Const. Co., 219 Castle Hall
Guthrie-Thompson Co., Lemcke bldg
Hackedorn Contr. Co., Board of Trade bldg
§Hall-Curry Const. Co., Board of Trade bldg
Hardin Const. Co., 534 N La Salle
Heinzmann G. W. & Son, Lemcke bldg
§Howard C. W., 3318 E 10th
Indiana Asphalt Paving Co., 25th & L. E. & W. R. R.
Indianapolis Concrete Co., Board of Trade bldg
Irvington Bldg. Co., Law bldg
Jose-Balz Co., Lemcke Annex
§Jungclaus W. P. Co., 827 Mass. av
Karstedt J. G. (brick), Lemcke bldg
§Klausmann Henry W., 2611 Cornell av
Kottolowski Ernest F. & Co., 1123 Olive
§Kuert Contracting Co., Majestic bldg
Latham & Walters, State Life bldg
Mansfield Engng. Co., The, cor. E Market & Penna.
Marion County Const. Co., 1600 S West
Meid Frank, Farmers' Trust bldg
§Millikan Lynn B. Inc., 1556 Lemcke annex
§Moon C. H., 1843 N Alabama
National Concrete Co., Lemcke buldg
Noe Nicholas, Lombard bldg
§Pease C. R. Construction Co., Bd. of Trade bldg
§Pierson Chiron C., Mers. Bank bldg
Reliance Const. Co., Board of Trade bldg
Republic Constr. Co. (Street), E. 31st & L. E. & W. R. R.
§Retmier Frank C., Lemcke bldg
§Scott D. I. & Co., 932 E Washington
§Scott W. P., 334 E St. Joseph
Sells Corwin P., 1901 Talbot av
Sheehan Construction Co., 309 Holiday
Shiel-Chapin Const. Co., 220 N Illinois
§Smock F. C., Lemcke bldg
State Constr. Co., Pythian bldg
§Thrush Perry R., Lemcke bldg
Union Asphalt Const. Co., Amer. Central Life bldg
Volpp & Fritz, 445 Sanders
Watson John, 4004 N. Capitol av (Paving)
Wehking Chas. F. Co. (Brick), E 147th & Market
§Wolf & Ewing Const. Co., Hume-Mansur bldg
*Yawger A. J. & Co., 450 N Belmont av
KENDALLVILLE—Diggins G. F.
KIRKLIN—*Sparks Thos. E. (Bridge)

INDIANA—Indianapolis—continued
KOKOMO—Hatton Ed. T.
Kokomo Const. Co.
§Moore & Danner (Bldrs. & General)
Morgan Wm. Z. (Brick)
Watson Jas. H. & Co. (Municipal Work)
LAFAYETTE—Brown G. S.
Chew, Joshua & Co.
Evans Bros.
Herzog Geo. P.
Kemmer Alva E.
Lafayette Eng'ng Co.
Levandowski Peter
§Moore Robert S.
Western Const. Co. (Paving, Drainage, etc.)
LA GRANGE—Walb C. A.
LA PORTE—Hasselfeldt Chas. & Co. (Masons)
Larson-Danielson Constr. Co.
Struss Chas.
LEBANON—Adam John (Cement)
Boone Constr. Co.
Busby George
Dale Chas. M. & Co. (Road)
Fullwider & Kernodle (Road)
McDonald E. L. & Son (Bridge)
Miller Geo. T.
Shahan Patrick & Son
LEWISVILLE—Smith R. R. Sons
LOGANSPORT—Baker & Price
§Barnes Bros.
Barnes Harry A.
Barnes James I.
Girton & Perry
Hall Joseph
§Horn Carl J.
McHale Martin (Road)
Medland Bros.
Palmer, Moore & Co.
LOOGOOTEE—Van Hoy & Son
MARION—Minnick W. H.
§Reed & Rish
Simmons Oren J.
Yates Wilbur
MARTINSVILLE—Cunningham Constr. Co.
Martinsville Constr. Co.
MICHIGAN CITY—Hutchinson W. B. & Co.
Koellen Henry
Southland J. E. & Son (Cement)
Telschow Fred
MISHAWAKA—Rosewarne Wm.
MUNCIE—Hager O. J.
§Hartley Jno. J. Agency
Hines Frank & Son (Road)
Hutchings John F.
Illingsworth Fred
§Snyder Jos. B.
NEW ALBANY—Day Stephen & Son
Thomas H. D. & Son
NEW CASTLE—Burk Constr. Co.
Burk Frank
Faust Samuel
Garvey James (Cement)
Minnick Constr. Co.
NOBLESVILLE—Durflinger John W.
Findley H. L. Co.
Jackson J. W.
NORTH VERNON—Miller B. P. (Concrete Work)
*Miller J. H.
PENDLETON—§Maul Walter
Reason J. D. Co.
PERU—Goodall J. B. & Sons Co.
Stauter Ira H.
§Thomas Bros.
Tripper Allen G.
PLYMOUTH—Ness J. S.
O'Keefe Arthur W.
Price & Rosenburg
RENSSELAER—Smith W. F. & Co. (Roads, etc.)
RICHMOND—Hendrix W. F.
Hipskind John F. (Sewer & Street)
*Johnson B. & Son (R. R.)
Slick F. E.
ROACHDALE—Smith Albert
ROCHESTER—Davidson A. C.
Holman Hugh B.
Rochester Bridge Co.
ROCKVILLE—Jerome Edgar
Noble Sidney A.
Van Fossan Jefferson P.
RUSHVILLE—Herkless A. R.
Wilk & Co. (Road)
SHELBYVILLE—§Meloy John F.
SOUTH BEND—Barnes H. N. (Paving)
Burner E. & Co.
Christman Henry G. Co.
Davis Geo. A. Const. Co.
Defrees C. H.
Eckler Henry Mfg. Co.
Gunderman George J.
Hoban & Roach (Sewer, Paving, etc.)
Hoffman Geo. J. Co.
Kuehn Jorden Co.
Neitzel B. H.
SULLIVAN—§Nicholas Frank J.
Routt Bros.
Sullivan Bridge Co.
SWAYZEE—Foltz Cyrus (Cement)
TERRE HAUTE—Bennett-Barnes Co.
Ainsworth Constr. Co.
Dorsey Wm. C.
Foulkes Contracting Co.
Houff A. Dale & Co.
Independent Const. Co.
Kintz P. C. & Sons
Martin T. J. Co.
Meyer Ed. H.
Newahrt & Newhart, Inc.
Nicholas H. R. & Co.
Pierson & Bro.
§Reinhardt Adolph
Robertson Jesse
Roehm Bros.
TRAFALGAR—Pickerell O. L.
VALPARAISO—*Clifford P. T. & Son
WABASH—Hipskind Alois F. (Roads & Paving)
Hipskind Chas.
Hipskind Geo. C.
Lynn Bros.
Todd Construction Co.
§Wabash Construction Co. (Bldrs., etc.)
WALDRON—Avery Wm. (Road)
Haymond & Howard
WALDRON—Haymond & Howard
WARSAW—Frush J. P. & Son
WASHINGTON—Bogard Noah (Concrete)
Brown R. A. & Co.
Morton Bros. & Co.
Routt W. A. & Son
WHITING—Nejdl & Greenwald
WILLIAMSPORT—Carmichael Wm. P. Co. (Large, Contrs. & Engrs.)
WINAMAC—Winamac Construction Co.
WINCHESTER—Thornhill J. H. (Bridges)
WOLCOTTVILLE—Myers Chas. E.
ZIONSVILLE—Gregory Frank M.

IOWA.

BELLE PLAINE—Conklin Henry B.
Park Jas. & Co.
BURLINGTON—Beck H. A.
Burlington Construction Co.
Dalgleish W. S.
Eilers Henry (Cement)
Guenther Fred W.
Hassel C.
Johnson Algot (Cement)
Peterson Geo.
Thye John
Woodcock Clarence
Young & Buescher Const. Co.
CEDAR RAPIDS—Edinger Ed. Co. (stone)
Edinger Ed. Co. (stone)
§Fisher R. H.
Ford Paving Co.
Hahn Frank K. (Mason)
Hopp J. W. Construction Co.
Klepach John (Mason)
Leefers J. F. Co.
§Lightner Bros.
§Loomis Bros. (Gen. & Concrete Const.)
Smith A. J. (Mason)
Stark T. & Co.
§Sutherland Thos. M.
Tschirgi M. & Sons
Wallace R. A.
CLINTON—Carey Thos. & Sons
Clarke Construction Co.
Haring D.
Hawley & Cheadle Construction Co.
Krieger Ed.
Logan Bros.
Rink & Schnell
COUNCIL BLUFFS—†Anderson Bros. Co.
Council Bluffs Concrete Co.
§Hansen Joe
Jensen Bros. Co.
Lana Construction Co. (Bridges, Paving, Sewers, etc.)
§Myrtue Bros.
§Norgaard C. C.
*O'Connor Jas.
§Pennell C. M.
Saguin Jas.
Wickham Bros. (Brick)
*Wickham E. A. & Co. (Paving, Sewer & Water Works)
DAVENPORT—Arnould A A.
Central Engineering Co. (Concrete, Bridges, etc.)
Coen & Conway
Gould Construction Co. (Bridges)
Hubbell Construction Co.
Independent Construction Co.
Iowa Const. & Engng. Co.
Koltzau & Myers
Littig Construction Co.
McCarthy Improvement Co. (Paving, etc.)
Nebergall F. J.
Phillips Harry W.
Plambeck H. Wm.
Ryan D. J. Construction Co. (Grading, Paving, Concrete Work, etc.)
Scott & Bitterman (Electrical)
§Tri-City Construction Co.
*Walsh Construction Co.
DES MOINES—Benson & Marxer (Inc.)
§Brereton W. H.
Des Moines Engineering & Construction Co.
Iowa Bridge Co.
§Keyes L. D.
King Geo. M. Construction Co.
*Koss Construction Co.
Kucharo W. F. & Co.
Lovejoy J. E.
Maine James & Sons Co.
Mardis J. C. Co.
Mitchell W. F. Co.
Moffatt Co.
Neumann Arthur H. & Co.
Stark N. M. & Co. (Bridge)
Turner J. W. Improvement Co. (Sewers, Paving, Bridges, Underground Conduit, Waterworks, Dams, etc.)
§Tusant J. E. & Son Co.
Wagner T. S.
Weitz Chas. Sons
Wright Raymond H. Co. (Paving)
DUBUQUE—Braun Chris.
Efferding T. G.
Eisbach Peter
McNamara C. B. & Co.
Mueller Henry
Ney Albert
FORT DODGE—Jensen Construction Co.
IOWA CITY—Franklin Chas.
Freyder F. X.
KEOKUK—Cameron's Jas. Sons
*Cameron Joyce & Co. (Levee, Railroad, Sewer & Public)
*Joyce Bros. & Co.
Young Jno. W.
MARSHALLTOWN—Jacobson John
Reimar C. F. & Co.
Ingersoll Stouffer Engng. Co.
MASON CITY—Bowen S. R. Co.
Henkel & Brown
Irwin William R.
Stratton B. L.
OSKALOOSA—Carlon Construction Co. (Paving, etc.)
OTTUMWA—Ottumwa Bridge Co.
Ottumwa Mill & Construction Co.
Ottumwa Supply & Construction Co.
SIOUX CITY—§Babue F. X. & Sons
Betz Robt. E.
Coomer & Small Co.
Dubel & Anderson
Hanlon & Okes.
Houx Frank T. & Son.
Jensen & Krage
Johnson & Larson
Keefe Constr. Co.
Keefe John J. Co.
Lytle Construction Co.
Ostling Andrew
Overson Julius & Co. (Paving)
Short B. E.
Spowage-Ryan Co.
Sulzbach F. J.
Ward & Weighton
Younglove J. F.
WATERLOO—Black Hawk Construction Co. (Bridges, Reinforced Concrete Construction, etc.)
Chapman F. W.
Dearborn Construction Co. (Paving, Sewers, etc.)
Emery & Hoffer
Lauritzen Construction Co.
McDonnell T. F. & Co.
Maine H. A. & Co.
Moore-Sieg Construction Co.
Waterloo Const. Co. (Concrete Const. & Bridge Bldrs.)
WEBSTER CITY—Austin A. H. (Bridge)
Quackenbush J. E. (General & Bridge)
Zitterell & Sullivan
Zitterell W. J. Co.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER

KANSAS.

ATCHISON—Braum H. & Son
Schaeffer George H. T. & Co.
FORT SCOTT—Ireland & Rollings
Simons C. A.
Thogmartin & Gardiner
HUTCHINSON—Hutchinson Concrete Co.
Snyder & Co.
INDEPENDENCE—Brewster Bros.
KANSAS CITY—Brown Bros. (Grading, etc.), 11th & Muncie blvd
Dreier E. & Son, 949 Armstrong av.
Hollinger Constr. Co., New Nelson bldg
Kepler H. A., 700 N 12th
§Rowe A. E.
PARSONS—Cohoon U. G.
Shue E. A. & W. H.
TOPEKA—Capitol City Vitrified Brick & Paving Co. (Sewer, etc.)
Kaw Paving Co. (Paving)
Spencer F. M. & Son

KENTUCKY.

ASHLAND—§Wilson A. A.
BELLEVUE—§Geeslin Jos.
BOWLING GREEN—Murphy Bros. Co.
COVINGTON—Behle C. J. & Sons Co.
Craig J. J.
Felton M. Sons & Co.
House C. W. & Sons
Northcutt Bros. Co.
Pohlkamp H.
HENDERSON—Johnson P. P. & Son
LEXINGTON—Bateman W. M.
Home Const. Co.
§Carey-Reed Co.
Howard Albert
*Mason & Hanger Co.
LOUISVILLE—Adams & Sullivan
Anderson A. J. & Co.
Bailey & Koerner
Bickel Henry Co. (Grading & Excavating)
Cahill J. H.
Central Concrete Const. Co.
Eady Geo. M. Co.
Figg L. R. Co. (Street)
Greiner T. Bldg. & Cont. Co.
Hancock L. W.
Koerner C. A. & Co.
Koppelman Wm. H.
Lichtefeld, Metzner & Co.
§Miller F. H.
§Modern Bldg. Co.
Nat'l Concrete Constr. Co.
Nat'l Roofing & Supply Co. (Paving)
Nicol, Langford & Johnston
Rommel G. H. Co. (General)
§Short F. Co.
Shrader Bros.
Struck Alfred Co.
Thomas C. F. & Co.
Union Constr. & Bldg. Co.
Young & Humphrey
NEWPORT—Ader Frank G. Const. Co. (Engr. & Contr.)
Bertke H. & Son (Concrete)
Bowman Ben
Gubsen Bros. (Cement)
McLane John B. & Co. (Sewer)
Schuchter Anton
Spinks Harry C. (Street Work)
Trapp Daniel (Paving, etc.)
OWENSBORO—Davis J. P.
§Farnsworth R. P. & Co.
Tennes & Greenwell (Concrete)
Whitehead John W.
PADUCAH—Karnes W. M. & Sons
Katterjohn F. W. Const. Co.
Katterjohn G. W.
Lockwood Gus
SHELBYVILLE—Fitchville A. & Co.
§Gruber & Doss
§Miller Bros.
WINCHESTER—Clark County Const. Co.
Stevenson W. Ward

LOUISIANA.

LAKE CHARLES—Delatte & Lagrange
McCorquodale W. M. (Road)
NEW ORLEANS—Alexander Lester F. & Co.
Bell & Clairbone, 1240 Dauphine
Blakemore Constr. Co.
Blum & McNamara, Inc., Whitney bldg.
Bond H. W. & Bros.
Catrano & Federico
Doullut & Williams, Inc., Hibernia bldg.
Chisholm J. O. & Co. (Large)
Craven & Lang (Paving), Hibernia blk
Egan Thos., 4330 Canal
§Favret Lionel F., 307 Tulane Newcomb
Fectel Maurice
Fromherz & Drennan, Q & C bldg
Geary James, Perrin bldg
§Glover Geo. J., 1022 Whiting
Gore D. B. Co., Inc.
Grasser Contracting Co., 912 Hennon
§Hortman Co., 3110 S Carr
Jamison & Hollowell, Homedale
§Jefferson Const. Co., Q. & C. bldg
Kane-Kelly Contrg. Co., Audubon
Koch Julius, 219 Carondelet
§Lagasse Paul, 826 9th
Larsen Chris., Hennen bldg
§Lennox Jos. W.
§Louisiana Building & Contr. Co., 411 W Ramport
§McCarthy Richard Jr., 518 Carondelet
Noullett F. A. & Son, Audubon bldg.
Petty J. A., 607 Godchaux
Reimann G. E. & E. E. Co., Nap av & Pitt
§Ridgeley Bros., Ltd., 351 Carondelet
Riess John
Scott Nat'l G., Hennen bldg
Sintes Chas.
Theobold Gustave A., 624 Spain
Tranchina D. J.
Van Meter W. W.
Walther Henry, Hennen bldg
Zimmerman Jacob & Son, Whitney blk
SHREVEPORT—Chatwin Bros. Riprap & Contracting Co. (Street & Public)

MAINE.

AUGUSTA—§Brooks Chas. A.
§Fletcher & Robbins
Hanson Alfred & Son (Masons)
§Hoxie C. E.
Purinton Bros. Co.
Smith Frank (Mason)
Tracy & Metcalf
BANGOR—Bangor Brick & Constr. Co.
Cutter Leslie W.
Foster & Loftus
Grady John & Son
§Hodgins E. C. & Son
Spellman Jos. F. & Sons Co.
BATH—Carlton F. W.
BRUNSWICK—§Colby Frank A. & Son
§Hacker C. E.
LEWISTON—Harkins M. T.
Lane Geo. W. & Co.
Saucier Thos.
LISBON FALLS—§Philbrook Joseph & Son
PORTLAND—Bennett Contracting Corp. (Wharf)
Blackstone & Smith, Masons
Cobb & Webster
Cummings H. P. Constr. Co.
Cunningham F. W. & Sons
Googins & Clark
Griffin D. F. & Bro. (Paving & Public)
*†Gulliver John W.
Hanson Charles A.
Helms Butler Co.
§Howatt C. B. & Son
§Johnson E. G. Co.
Libby E. D. & Son
Mahoney Construction Co. (Paving, Grading, Sewer, etc.)
Porter-Burnham Co.
§Redlon N. E. Co. (Masons)
Rogers, Spencer Son
Rumery F. A. Co.
Williss & Rumery Co.
SOUTH PORTLAND—Marshall Frank H.
WATERVILLE—Purinton Horace Co.
Winters Henry T. & Son

MARYLAND.

BALTIMORE—American Paving & Contrg. Co., Montebello av
Amrein Wm. R., 919 N Moulton av
Amiesite & Stone Co. (Road Building), 15 E Fayette
†Andrew David M. Co., Mt. Vernon & 26th
Arundel Constr. Co., 329 Caroline
Balto. Engine Co., 221 N Calvert
Bearman F. B. & Co., 2307 Becks la.
Bennett Benj. F. Bldg. Co., 123 S Howard
§Bennett Geo. W., Franklin bldg
§Brady Edward & Son, 1109 Cathedral
§Brown Harry H., 212 Clay
§Bunnecke Geo. & Sons, 2 E. Lexington bldg
§Burnham Walter E., Law bldg.
*Claiborne, Johnston & Co., Garrett bldg.
Clark C. B. & Co., Commonwealth Bk. bldg
§Clark John C. & Son, 2038 N. Fulton av
§Cogswell-Koether Co., 406 Park av
Consolidated Engineering Co. (Brick Paving), Calvert bldg
Converse H. P. & Co., ft of Hanover 88 Broad
Cornell W. G. Co., Munsey bldg.
§Cowan Bldg. Co., 106 W Madison
§Cushen P. J., 217 St. Paul
§Dall Wm. Co., Fort McHenry
§Davis Milton C., 902 W. 36th
§Decker Fred'k & Son, 1209 E Biddle
Deverell, Spencer & Co., Garrett bldg
Elder Paving & Contrg. Co., Montebello av
Elkan M. M., Coca Cola bldg
Ensey & Gildea, Munsey bldg
§Eyring E. & Sons, 800 S 3rd
Fedeli A. F. Co., Vickers bldg
Fisher & Carozza Bros. Co., Equitable bldg
§Flanigan P. & Sons, Harford rd & B. & O. R. R.
Fox H. W. & Co., 2411 Greenmount av
§Frazier R. H. & Son, 224 W Mulberry
§Furst-Clark Const. Co., Fidelity bldg.
Gartrell J. Burgess & Co., 621 S. Pulaski
Garthe William Co., Maryland av & Oliver
Gladfeller & Chambers, 36th & Roland av
§Guttmann Paul H. & Co., 1536 N Gay
§Harn Willard E. Co., 213 N Calvert
Herbold Chas. & Sons, 2768 W North av
§Hiltz John & Sons, 3 Clay
§Hurline Henry, Old York road
*Jones T. B. (Sewer, Masonry, Wharf, etc.), Fidelity bldg.
§Kefauver & McLaran, Equitable bldg.
Kelly John H., 1208 E Biddle
Kimball-Tyler Co., Inc., 261 S. 8th
§Knell Andrew Jr., 225 Cortlandt
§Kramer John, 482 O'Donnell
Long Geo .Contr. Co., 13th & 1st av
*McCabe James F. Co. (Paving, Tunnel, Bridge & Railroad), Equitable bldg.
McCauley W. H. & Son, 1018 Mrymns av
§McCulloh R. N. & Co., 118 E Lexington
McLaughlin Bros, 915 Bolton
*McLean Contracting Co. (Dock, Bridge & Railroad), Ft. ft. Andre
McMullen A. & Melvin Co., 1540 Maryland av
Madison Const. Co., 212 Clay
§Mason Randolph B., 308 W Madison
Maryland Dredging & Contr. Co., Fidelity bldg.
§Miller J. Henry (Inc.), cor Eutaw & Franklin
Minor Bros., 224 W Pratt
§Monmonier, Geo. B., 1711 McCulloh
§Morrow Bros. (Large), Fidelity bldg.
§Moylan John J., 538 N Calvert
Novak Frank, Hartford rd & B. & O. O. R.
O'Dell Jno. S., 830 William
Piel Const. Co., 2519 Edmondson av
§Pierson Henry & Sons, 1000 Olive
Porter W. H. & Sons, 505 Forrest
Potts Wm. A. Co., Law bldg
Price Concrete Const. Co., cor. Calvert & German
Pyles Julius E., 410 Dover
Ramey Bros., Law bldg.
Raymond Concrete Pile Co., Munsey bldg.
§Reinhart H. M. & Co., Calvert bldg
§Reynolds & Hughes, 423 Courtland
§Rippel Henry S., 7 Clay
Robinson J. L. Const. Co., Knickerbocker bldg.
§Rosenthal Albert, Garrett bldg.
*Sanford & Brooks Co. (Dredging, Harbor & Government Work), Water & Commerce
Schoenlein L. & Son, Gunther bldg
Seybold & Eigenbrode, 4311 Belvieu av
§Simpson Chas. W. & Co., 415 E Lexington
Singer-Pentz Co., Equitable bldg.
§Smith Henry & Sons Co., German & Light
Standard Concrete Steel Co., Knickerbocker bldg.
Stanfield Thos. B. & Co., 212 Clay

MARYLAND—BALTIMORE—continued
Stewart Jas. & Co., 13th & 12th av.
§Stockhausen Chas. L. Co., Nat'l Marine Bk. bldg
Walsh Edw. L., 1116 Myrtle av
Walsh J. J. & Son, 1533 Maryland av
*†§Waters John Bldg. Co., 23 E Center
Watts H. D. Co., Garrett bldg
Watts Philip & Son, Sudbrook av
West Arthur F., Builders' Exchange
West Construction Co., American bldg
§Whiting-Turner Const. Co., Sexton bldg
Wink & Huegelmyer, 724 Carwell av
CHESTERTOWN—§Culp W. S. & A. M.
§Duyer Frank E.
§Pippin Walter T.
CUMBERLAND—McGill E. G.
Sell Bros. Co., Inc.
Vang Construction Co. (Concrete, Sewer & Railroad Work)
Wise Silas W.
EASTON—§Ross B. W. & Co.
Ross U. G. & Bro.
§Trax Geo. H.
§Whitby Wm. H.
FEDERALSBURG—Holt Construction Co.
FROSTBURG—Brady Bros.
Fuller Bros.
HAGERSTOWN—Clarkson John T.
Sherley O. D.
Wolf Geo. B. McC.
WESTERN PORT—Harrison Bros. Construction Co.

MASSACHUSETTS.

ADAMS—Daniels Chas. A.
AMESBURY—Doe F. A.
Smith Contracting Co.
Watkins Jas. E.
Watkins Robert G.
AMHERST—Bosworth Geo. E.
ARLINGTON HEIGHTS—Kenty Geo. W.
Shirley John E. & Son
ATTLEBORO—Currie Malcom
Dexter Everett O.
Eden John
Grant Bros.
Mackinnon & Nicholson
Perry Emerson E.
White Herbert E. & Co.
Young Daniel & Co.
AUBURNDALE—Scribner W. E. Sons (Masons)
AYER—Hardy Chas. H
BELMONT—Loomer & Allen
BEVERLY—Crosby G. R. & Sons (Masons)
§Grady Jas. L.
BEVERLY FARMS—Connolly Bros. (Public Work)
§Hardy & Day
BOSTON—Abbott E. A., 185 Devonshire
Aberthaw Constr. Co. 27 School
Adams-Pond Co. (Concrete), 166 Devonshire
§Alexander F. C., Old South bldg.
§Allen C. S. Co., Allston
§Archdeacon & Sullivan, 5 E Concord
§Armstrong W. B. Everett
Babcock C. & Co., 36 Beverly
Bailey Wm. M. Co. (Concrete), 88 Broad
Bay State Dredging & Contracting Co., 247 Atlantic av (Public Wks.)
§Barrett Wm., 27 Hunneman
§Barry Wm. J., 439 Ashland
§Beal A. B., 43 Tremont
Beatty Const. Co. (Public Work), 66 Warren
Beaver Contr. & Eng. Corp., 113 State
Benard Thos. H. & Son, 39 Neponset
Biggs, D. M. & Co., 60 Marsh
§Bishop J. W. Co. (& Large), 683 Atlantic av
Black James Masonry & Contrg. Co., 10 High
§Bleier Contr. Co., Heath & Day
§Bogart I. H. & Son, 414 Albany
§Boston Bridge Works (Bridges, etc.), 47 Winter
Boston Contr. Co. (Digging, Grading, etc), 49 Medford
Bowen John Co., 184 Dudley
Boyd & Berry, 11 Grampion Way
Brandano Daniel (Sewer) Malden
Breymann G. H. & Bros., 293 Marginal, E I
Broderick Jas. M., 420 Dorchester
Broderick John H., 44 Bromfield
§Brown Chris. F., Dorchester
*Bruno & Petitti (Sewer, Waterworks, R. R., Masonry, etc), 18 Tremont
§Bruty John W., 209 Washington
§Buckley J. M. & C. J. Co., 164 Federal
Burke D. F. (Mason), 7 Alden
Burke John R., 78 Devonshire
§Cadario L. B. & Sons, 15 Court sq
§Cashman John & Sons Co., 247 Atlantic av
Central Const. Co., 228 Southampton
Chandler Const. Co., 31 State
Clark & Lee Co., 201 Devonshire
§Cline Hyman E., 43 Tremont
Coburn Frank G., 294 Washington
*Coleman Bros. (Sewer, etc), 1 Marginal
Coleman J. C. & Sons Co. (Street & Public), 1620 Tremont, Rox.
Converse H. P. & Co., 88 Broad
§Corbett F. A., 148 Sutherland rd
Coughlan Jas. J., Carney bldg
Cressy Contracting Co., 278 Albany
§Culbert Robt. J., 141 Milk
Cumings H. P. Const. Co., 319 Washington
Cunningham C. S. & Sons Const. Co., 7 Water
§Currier Chas. E. & Co., 10 High
Cusack Andrew M. (Sewer), 319 Washington
§Davis Geo. M. & Son, Equitable bldg.
§Davison & Jones, Malden
§De Matteo M. 146 Dudley, Roslindale
§Dodge C. A. Co., 166 Devonshire
§Dolan Jos. M., 197 Sidney
†*Dolloff C. W. & Co. (Public Works), 20 Central
§Douse William, 86 Fuller
§Duff John W. (Inc.), 146 Summer
§Edwards & Monohan Co., 6 Beacon
§Ellis W. H. & Son Co. (Bridge & Masonry), 479 Meridian
Essena Chas, Somerville
Evatt Constr. Co., 161 Devonshire
§Fish M. J. & Son, 114 State
Fletcher-Lahey Co. (Public Works), 31 State
Foster Heating Co. (Plumbing), 15 Palmer
§Fox Benj. (Inc.), 15 Exchange
Fraser J. C. & Sons Co., 5 Providence
§Fritz N., 62 Maywood
§Fuller Andrew D. Co., 3 Hamilton pl
§Fuller Geo. A. Co. (Large), 131 State
§Gascoigne & Goddard, 19 Milk
Gerrish Dredging Co., 101 Tremont
Gibson Richard 65 Long Wharf
Gow Charles R. Co (Public Works), 166 Devonshire
§Granam John B., 8 Beacon
Great Lakes Dredge & Dock Co. (Bridges, Piers, etc.), 141 Milk
§Gregory E. R., 60 W. Dedham
§Griffin John F. Co., 17 Milk
§Hanlon Thos. H., 1817 Dorchester av
Hanscom Construction Co., 70 Kilby
Hardy & Streeter (Concrete), 95 Milk
§Harvey Geo. W. Co., 201 Devonshire
§Haskin Chas. A.
§Haynes Const. Co., 42 Court
§Hemenway H. L. Co., 88 Broad
§Hemeon Brothers, Somerville
Hersey Ira G. & Sons Co., 53 Wareham
Hill Peter W. (Public Works), 97 Proctor
§Holbrook, Cabot & Rollins Corp., 6 Beacon
§Holt-Fairchild Co., Old South bldg.
§Hooper S. F. & Co., 101 Tremont
§Howard Bros., 412 Dorchester av
§Howes R. H. Const. Co., 10 Post Office sq
§Jacobs Chas. J. Co., 107 Terrace
§Jacobs David H. & Son, 166 Devonshire
Johnson Alfred & Son (Mason)
§Jones Arthur D., 76 Kingston
§Johnsberg Frank F. Co., Old South bldg
§Kanter & Altman, 1125 Commonwealth av
†Kendall M. K. & Co., 110 Pearl
Kennedy & Peterson Const. Co., 7 Water
§Keyes W. H. & Co. (Street & Public Works), 101 Tremont
King Cont. Co., 113 State
Lawler Bros. (Heavy Mosonry, Public Works, etc.), 16 City sq, Chsn
§Leighton-Mitchell Co., 95 Milk
Letteney C. F. (Public Works), 11 Central
§Levine B. & Bro., 40 Queensberry
§Ley F. T. & Co., Inc. (Power Houses, Conduit Work, Bridges, Sewers, Waterworks, Dams, High Tension Work, Roads, etc.), 185 Devonshire
§Libbey H. S. & Co., 46 Cornhill
§Locatelli J. E. Co., 46 Cornhill
Logue Chas. Building Co., 18 Tremont
McArdle James W. (Mason), 166 Devonshire
§McClellan Jos. B. 131 State
McDonald & Kivell, 10 High
McGahey & O'Connor, 166 Devonshire
McGunigle & Tounge, 34 Colberg av
§McKenzie F. L., 7 Water
McMorrow Jno. (Grading, etc.), 322 Adams, Dor.
McMurtry A. J. & G. H. (Excavating, etc.), 16 Shepard (Br.)
§McNeil Bros., 57 Stanley
§McNeil Construction Co., 201 Devonshire
§McPhee D. A., 403 Newbury
MacDonald Angus, 79 Milk
MacDonald & Joslin Co., 161 Devonshire
MacKenzie Murdoch, 346 Belgrade av
§MacKenzie & Temple, 180 Milk
Mabie Wm. I. & Co., 15 Federal
Mack & Moore, 101 Tremont
§Macomber Geo. B. H. Co., 44 Blomfield
Magnus Constr. Co., 294 Washington
Mahoney Bros., 114 Oxford
Malone Bernard (Mason), 163 Corey rd
§Marr Bros. & Stewart Co., 319 Wash.
Marr Daniel & Son Co. (Public Works), 384 Dor. av, S B
§Marshall-Rogers Co., 6 Beacon
§Mead Charles H., 15 Beacon
§Merritt & Jarvis, 12 Marshall
Miller W. L. (Bridge & Masonry), 171 Alford
Minton Thos. F. (Grading, etc.), 4 Hyde Pk
§Mitchell & Sutherland, 166 Devonshire
Moore & Co. (Waterworks & Public Works), 12 Pemberton sq
Morcombe F. T. & Co., 155 Kneeland
Morgan Construction Co., Adams
Murphy Cornelius & Son (Grading, Public Works, etc), Dorchester
Nawn Hugh Contracting Co. (Excavating & Public), 82 Savin
Nelson James E. Co., 7 Water
§New England Concrete Construction Co., 201 Devonshire
New England Fireproof Constr. Co., 53 State
§Nicholls Wm. R., Chsn
§Nicholson Jos. & Son, 101 Tremont
§Norcross Bros. Co. (Builders & Public Works), Tremont bldg.
Norton W. A. Co. (Pile Driving), 285 Dorchester av
§O'Hearn Patrick, 1464 Dorchester av
O'Riorden P. (Est.), (Excavating, etc.), 1 Waverley blk.
Orne & Lawrence, 39 Court
Palmer John E. (Grading), Old South bldg.
§Piotti Ambrogio (Mason), 98 Melville av
§Preble Walter H. Co., 11 Pemberton sq
§Proctor John H. & Co. (Coal Elevators, Cable Railroads, etc), Old South bldg
Rafferty Wm. J. & Co. (Grading, etc.), 33 Champney, S B
Rendle G. T. Co., 270 Condor E. B.
Rendle W. S. (Wharf, Bridge, etc.), 135 Prescott
Rice P. G. & Co., 1690 Commonwealth av
§Rich Patrick (Mason), 342 Bennington
§Rockwell Fred J., 741 Washington
Roman Road Co., 228 Southampton (Public Wks.)
Rooney John A., 319 Wash.
§Root W. A. & H. A., 1 Beacon
Rowe Contracting Co. (Public Works), 1607 Commonwealth av
§Roxbury Const. Co., 18 Clifton
Ryan Contracting Co., Charlestown
§Ryan & Keon, 176 Federal
§Scully J. T. Foundation Co. (Concrete Foundations, Excavating, etc., 166 Devonshire
*Seretto Michael (Sewer), 3 Tremont row
§Shea Thos. J. Co., Jamaica
Shepard Daniel L., 46 Cornhill
§Sherman Wm. U., 18 Lyndhurst
§Snider & Druker, 18 Tremont
Snow F. A. Co. (Public Works), 79 Milk
§Soule L. P. & Son Co., 80 Boylston

§Stewart Jos. I., 1295 Commonwealth av
†Stone & Webster Engineering Corp., 147 Milk
§Stuart T. & Son Co., 166 Devonshire
Sullivan J. H. (Road & Sewer), 20 Lake Br.
Sullivan J. J. (Excavating, etc.), 272 W 5th
Swanson Victor (Mason), Allston
§Swift-McNutt Co., 70 Devonshire
Taylor E. R. Co. (Concrete), 786 E. Bradbury
*Tomasello Antonio G. (Sewer, Road & R. R.), 69 Gibson
§Troy S. P., 88 Broad
Turner Constr. Co., 45 Milk
§Tyson Weare & Co., 201 Devonshire
U. S. Const. Co., 165 Warren
Walsh Bros. (Mason)
Weiss Constr. Co., 40 Court
Wentworth Walter A. Co., 15 Exch.
§Whidden-Beekman Co., 70 Devonshire
§Whitcomb E. Noyes Co., 49 Wareham
§Whitcomb Frank L., 17 Wareham
§Whitcomb & Kavannaugh Co., 6 Beacon
White Jos. F. (Sand), Western av
§Whitney Arthur C. Y., 18 P. O. sq
Whitney Co., 12 West
§Whiton & Haynes Co., 200 Devonshire
§Wight Wm. E., 78 Bowdoin
§Willcutt L. D. & Sons Co., 146 Sumner
§Wilson & Tomlinson, 79 Milk
§Woodbury I. F. & Sons Co., 185 Summer
§Zedren John, Readville
§Zeiman Max, 53 Litchfield

BROCKTON—Batson C. A.
Howard George B. & Sons Co.
Irving David Co.
§Lays Bros.
Long & McAuliffe (Masons)
Marlow & Eldridge
Peck & McKay
Powers Bros.
Sampson E. T.

BROOKLINE—Brookline Contracting Co.
§Cook John & Son (Masons)
§Driscoll Dennis
Driscoll J. & Son Co. (Public Works)
§Driscoll Timothy
Goodwin & Mitchell
Hennessey Bros.
McCue Thos. & Son
§O'Hearn M. J.

CAMBRIDGE—Barrett James T.
Byrne John B. Inc. (Mason)
Condon Wm. F. (Mason & Concrete), 218 Putnam av
§Dodge C. A. Co.
Eastman H. T. & Co.
Kearns W. F. Co. (Concrete)
Linehan Chas. (Public Works)
McGahey & O'Connor (Masons)
§O'Sullivan John A. (Mason)
Pocher B. H.
Powers John J., 33 Myrtle av
§Riley J. M.
Scully John T. Foundation Co. (Concrete Foundations, Buildings, etc.)

CHELSEA—Coleman Bros.
Haley Michael S.
Rendle Stoddard Co.
Strout Bros. (Masons)

CLINTON—Clinton Concrete Co.

EAST HAMPTON—Cullen John
Pepin Delos T.

FALL RIVER—§Beattie & Cornell (Builders & General)
§Beattie Roy H. (Engr. & Contr.)
§Bolduc Leander (Building, etc.)
§Booth & Chase Co., Inc. (Wharf)
§Crowe John Co.
§Darling Joseph M.
§McNally Const. Co. (Concrete, Brick, Steel, etc.)
§Moore Daniel
Puleston & McDougall

FITCHBURG—§Carter Wm. C.
Foss & Janes
§Hartwell Walter A.
§Hutchins Wallace J.
Leger Supplein J.
Moran John (Excavating, Grading, etc.)
§Wiley & Foss

FRAMINGHAM—Framingham Constr. & Supply Co.
Framingham Contracting Co.
McNeil & Son
Prindville J. J. Co.

GLOUCESTER—Cressy Contracting Co.
Day John W. & Son
§Pomeroy E. A.
Pomeroy John S. Co.
§Watson Bros.

HAVERHILL—§Cole N. S. & Son, Inc.
Duffee W. F. & Co.
Haverhill Const. Co.
Kelley Bros.
Roche John M.
Shannon E. F.

HOLYOKE—Casper Ranger Const. Co.
§Fowles J. H. & Son
Goddard Vallis V. (Mason)
Kennedy P. J. & Co.
§La France L. A.
§La Liberte Bros.
§Lynch Bros. Brick Co.
§McCormick A. D.
O'Connell's D. Sons (Waterworks & Public)
O'Neill J. J. Co.
Prew J. J. (Brick)
Ranger Casper Const. Co.
Walsh Maurice J. & Sons

LAWRENCE—Bourque Constr. Co.
Cyr John & Co. (Masons)
§Locke L. E.
§Peabody E. A. & Son
§Pike W. N. & Sons (Large)
§Pitman Ernest W. Co.
§Wagenbach Jos. & Son

LEOMINSTER—Leadbetter G. E. & Sons, Inc. (Mason)
Smith Edgar M.

LOWELL—Cazanas Nickoloas
Dickey Leroy W.
§Drapeau Wm.
Johnson Thos. W Co.
§Meloy Fred
Mendlek Bros.
Morin J. B.
§O'Hearn P.
§Penn Wm. H.
Robinson & Robinson
Sawyer Avila
Smith E. A. & A. T. (Concrete Paving)
Snow Samuel E.
§Staples Bros.
Varnum Percy E.
*Ward W. H. Co. (Public Works)
§Whittet James
§Wiggin Burton H. Co.

LYNN—Bryer A. E. Contr. Co. (Excavating, Sewer, etc.), 461 Western av
Campbell Bros., 99 Sagamore
Cunningham C. S. & Co., 23 Central av
§Hardy Harry E., 148 Burrill
§Hart Bros., 36 Pacific
§Litch L. D. Building Co., 7 Berkeley
Lyons Michael F. & Co., 10 Pond
§Manning James E., 26 Beacon Hill av
Mayo Construction Co. (Public Works), 333 Union
§Sheehan David J. Co., 424 Broadway (Sewer)
§Swain Constr. Co., 67 State
Sheehan John W., 585 Western av
§Titus Cutler, 70 Munroe
Vroom Bros. Co., 333 Union
Wright Chas. W., 23 Central av

MALDEN—Lenehan Pat. H.

MELROSE—Lane Bros.

NANTUCKET—§Holmes & Co.

NEW BEDFORD—Bishop J. W. Co.
Buffington Arthur E. (Mason)
Cadorette Maxime
Davis Z. B. Corp
Sherman R. A. & Son
Sistare F. B. & Son

NEWBURYPORT—Cashman Bros. Co. (Roads, etc)

NEWTON—§Briggs Geo. M., Inc.
Joyce John T. (Excavating)
Stuart T. & Son Co. (Public Works)

NEWTON CENTER—Hurley Bros. (Grading, Roads & Masonry)
Lane & Maloney Constr. Co.
§Stevens F. W.

NEWTON HIGHLANDS—Sullivan T. D. & Sons Co. (Masons)

NEWTONVILLE—§Higgins W. S.

NORTH ADAMS—Phillips & Pyke
Whitney Chas. E.
Wood H. C. Co.

NORTHAMPTON—§Bailey Myron C.
Bernier & Vanasse
Bishop Bros.
§Huxley Frank L.
Kieley & Gleason (Masons)
§Twohig Jas.
§Whiting Chas. W.

NORTH ANDOVER—§Costello D. J. Co.
Trombley Jos. & Son (Masonry)

PALMER—*Flynt Building & Construction Co.

PITTSFIELD—Emerson & Germain
§Foote & Jones
Pike D. Herbert
§Roscoe Edward F.

QUINCY—O'Brien Thos. & Sons
Shea William & Son (Excavating Grading, etc.)
Whelan Thos. & Co.

SALEM—Dupre & St. Pierre
§Fitzgerald W. & Son
§Flynn John J. Co., Washington
Mack Bros. (Masons), 221 Essex
§Merrill Samuel S.
Morrison & Young
Peterson V. S. (Sewer, etc), 237 Essex
§Pitman & Brown Co.
§Turner Edward F., 13 Jackson
Welch Jas. J. (Public Works)

SOMERVILLE—§Andrews J. M. & Sons Co.
Falvey John J.
§Welch John & Sons

SOUTH HADLEY FALLS—§Harris Edgar T.
§Judd Burritt

SPRINGFIELD—Adams & Ruxtom Const. Co. (Concrete)
§Angers J. A. & Bro
Berlin Const. Co.
Bushey N. C. (General & Bldg.)
Carlson Ernest F. Co.
§Cooley & Brennan
Davis E. T. & Son (Masons)
Fay L. C. & Co., Inc.
§Gagnier Bros.
*†Ley Fred'k T. & Co., Inc. (Power Houses, Conduit Work, Bridges, Sewers, Waterworks, Dams, Roads, High Tension Work, etc.), 499 Main
McDonald, John J. & Co.
Maloney Michael (Mason)
Mellen Daniel W. (Masonry)
*New England Const. Co. (Bridges, Sewers, Roads, Excavating, etc.)
Newton W. A. & Co.
Pinney E. J.
Ranger Casper Const. Co.
§Roy J. G. & Sons
Sackett Bros Co. (Excavating, Grading & Sewer)
§Sampson E. L. & Bros. Contracting Co. (Masons)
§Sarubbi Bldg. Constr. Co.
Shea Daniel C. (Masons)
§Shea J. L.
§Spooner A. T. Co.
Valentine F. S. Co.
Vaughan & Kibbe (Excavating, Grading, Sewer, etc.)
Way Michael
§Wood L. S.

STONEHAM—§Cole George

SWAMPSCOTT—Lyons James T.
McDonough Mich'l Co. (Street & Public)
Tuttle H. Scott (Street & Public

TAUNTON—Briggs Abram T. (Heavy Masonry)
§Sullivan D. J.
§Williams Franklin D.
§Witherell L. M. & Sons

WAKEFIELD—Killorin Contr. Co. (Roads & Grading)

WALPOLE—Allen M. W. Const. Co.

WALTHAM—Bull Edward H.
Fisher L. Co.
O'Malley Peter J. (Excavating, etc.)
Purdy Wm. C.

WARE—§Cummings H. P. Const. Co.
§Lincoln J. N. & Son

WATERTOWN—Hutchins Arthur L.
Iliffe William H.
McCue Thos. J.
§Murdough A. B.
Theurer Otto A. (Cement)

WELLESLEY—Hapgood, Frost & Co.
Taylor Chas. N. (Water Works)

WELLESLEY HILLS—Croswell John (Sewers)

WEST CHELMSFORD—§Edwards & Monahan Co.
Fletcher H. E. Co. (Excavating, Bridge & Dam Masonry, Foundations, Stone Masonry, etc.)

WEST MEDFORD—Bayne W. A.
Graves Bros. (Masons)

WEST NEWTON—§Cotter Jere. & Son
Gannon Bros. (Masons)
§Jepsen Geo. L. & Son

WINTHROP—Noceti Louis (Concrete)

WOBURN—§Corbett T. R. & Sons
McLaughlin D. & Sons (Masons)

MASSACHUSETTS—continued
WOODS HOLE—Swift E. E.
WORCESTER—Allen Robert C. (Sewer & Public), Park bldg
Benson Oscar T. (General), Hitchcock rd
BISHOP J. W. CO., 109 Foster
Buckley J. M. & C. J. Co., 128 Vernon
§Carr Geo. W. Co., 518 Main
Central Building Co. (Large), 58 Front
Cross E. J. Co., 82 Foster
§Faucher Bros. 58 Front
§Fiske-Carter Const. Co., 11 Foster
Groves L. M., 7 Rockwood av
Higgins J. J., 340 Main
Kane Michael J. (Excavating, Grading, etc.), 9 Wade
Loftus John (Mason), 383 May
McDermott Bros., 18 Cedar
Marsh B. F. Co., 22 Garden (Brick)
Mellen Walter L., 41 Queen
Miles Jas. & Sons Co. (Masons), 393 Main
§MINER EDWARD F. BUILDING CO., 25 Foster
§Norcross Bros. Co. (Public Works), 10 E Worcester
Ohlson O. F., 10 Brunswick
Petterson, L. M., 21 Edward
Pike H. S. (Excavating & Road), 31 Townsend
Power John J. 15 Ashland
Roberts J. J., 4 Wall
§Robbins A. P. & Son, 58 Front
§Rocheford L. & Son, 44 Front
Smith Green Co., 25 Foster (Brick)
Tucker J. B., 19 Beechmont
§Ward Edw. D., 82 Foster
Wells G. A., 187 Providence
Whitehead Ernest, 187 Commercial

MICHIGAN.

ADRIAN—Dibble Chas. E.
Matthes Bros.
Matthes C. F. & Son
ALPENA—Gebhardt, Morrow & Co.
ANN ARBOR—§Biggs Wm.
Cole A. R. Co.
Clancy W. J. (Paving)
Koch Building & Supply Co.
§Sauer Charles A. Co.
BATTLE CREEK—Blanck A. E.
Cole S. B.
Gillis Chas. H. & Son
Snyder H. V. & Son
Tait John H. Co.
BAY CITY—Bay City Constr. Co.
Campbell Hugh & Son (Masonry, etc.)
Hewitt Ernest C.
§Meagher Jas. A. (Mason)
Meagher Wm. J. & Co.
Millar Allison R.
North American Const. Co.
§Richter Chas A.
Weber Henry C. Constr. Co.
BENTON HARBOR—Mills G. A. & Son
CALUMET—Milford W.
Roehm Paul P.
Ulseth Edw.
CHARLOTTE—Beach Mfg. Co.
§Clever Constr. Co.
DETROIT—Affeld J. S. (Sewers, etc.), Ford bldg
Albrecht A. & Co. (Large), Penobscot bldg
Armstrong A. R., 145 E Willis
Baker R. D. Co. (Paving), New Penobscot bldg
Barber H. J., 560 E Grand blvd
Bartholomaei Max Son & Co., 466 Warren av
§Bodary Building Co., 759 Stanley av
Booth George E. Building Co., B'way & Circus Pk.
Bryant & Detwiler (Engrs. & Contrs., Reinforced Concrete, etc.), Dime Bank bldg
Carew Henry, 210 Jos-Campau
Cavanaugh Thos. L., 288 Catherine
Chapman Bros., Humboldt & M. C. R. R.
Chevillot Louis F., 68 Greenwood
Christman H. G. Co., Stevens bldg.
Closser Bros. (Excavating), 777 Fort W
Cooper Frank N. (Masonry), Penobscot bldg.
Corrick Bros., Owen bldg.
§Culbertson & Kelly, Ford bldg
Currie Thomas E., Magraw bldg
§Davock Building Co., Campau bldg
Degens Herbert G., Penobscot bldg
De Lisle & Cooper, Campau bldg
Detroit Building & Constr. Co., Free Press bldg
Dupuis A. J. Co. (Docks, etc), Ford bldg
Everham Melville B., Chamber of Com.
§Farrington Frank Co., Scherer bldg
Finn E. D. Const. Co., Dime Bank bldg
§Finn John & Co., 234 E Fort
§Flint Dayton Co., 696 Halcomb
Frost & Winchester Co., Equity bldg
Fuller Geo. A. Co., Penobscot bldg
Gearing Bros. Co. (Ltd.), Penobscot bldg.
General Const. Co., Union Trust bldg
Gibson J. A. & Son, 1611 Fort, W
Goddard F. H., 520 Franklin
Goodenow & Ginn
Grauer A. & Co., 216 E Columbia
Haberkorn J. H. & Co., 384 14th av
Hanley John (Sewer, etc.), McGraw bldg
Harcus & Co., 774 Russell
Hatch-Montague Co., Ford bldg
Helson Richard, 121 Columbia W
Jackson & Maurice, Ford bldg
§Johnson Fred R., 179 Kenilworth
Keller C. Co., 210 Moran
Kreighoff Co., 1187 Bellevue
Kutsche A. W. & Co., Ford bldg
Larrowe Const. Co., 1199 Woodward av
Le Veque Const. Co., 108 Jeff
*Lennane Bros. (R. R., Paving, Sewer & Concrete), Union Trust bldg
Leonard Constr. Co., Jefferson & Connors Creek
Lesinski-Leszezynski Co., 715 Forrest av
Linsell Co., 443 Woodward
McCausland W. H. Son, 116 Larned W
McClintic-Marshall Co., Book bldg
McEnhill Bros., 637 Baker
McLean A. J. Co., Stevens bldg
Maclean Building Co., 92 B'way
Marentette J. E., 137 W Larned
Mercier John A. (Excavating, etc.), Hammond bldg
§Miller, Baker & Strengson Bldg. Co., U. T. bldg
Misch Otto Co., Cham. of Com.
Modern Const. Co., Whitney bldg
Moody Bros.. Hartford & Scovill
§Moulds & Brown, Rowland bldg
Moynes Jas. A. & Co., 231 Milwaukee av
Nowakowski Jos. & Co., 666 Forest, E.
Nutt Geo. D., Farwell bldg
Osgood David J., Co., 220 W Elizabeth
Otis Cement Const. Co., Hammond bldg
Paschke August & Sons, 1345 Bellevue av
§Pauli Frank M. Co., 40 Shipherd av
Pocock W. H., Hammond bldg
Porath Julius, McGraw bldg
Putnam, Moore & Brown, Penobscot bldg
Reid J. H. & Son, 121 Canfield E
Robertson R. & Co. (Cut Stone only), Milford av P. M. R.
Robinson F. S. & Co., Hammond bldg
§Rogowski Bros. & Wedda (Mason), Canfield & G. T. Ry.
Rose Albert A., Penobscot bldg
Rutley Constr. Co., Chamber of Commerce bldg
Ryan M. E. & Son (Excavating) Penobscot bldg
§Schewe Chas. R. Co., Chamber of Commerce
Schneider Bros., Hammond bldg
Scholl Leonard & Sons (Mason), 298 12th
Sisman Andrew C. Co., 387 Beaufait av
Smith Andrew J. Const. Co. (Dams, Viaducts & Office & Factory Bldgs.). Campau bldg
Southwick-Pom Co., 707 Kercheval av
Spicer's David Sons, Sun bldg
§Starrs Wm., 250 15th
Stokes & Whittingham, Penobscot bldg
§Tanneholz B. Constr. Co., 56 Catherine
Vinton Co., Woodbridge & Beaubien
Whittaker John & Co., 51 Church
Wood F. B.. 64 Gibson
Wood W. E. Co. (Power Plants, Factory & Mercantile bldgs., etc.), Ford bldg
Zeigen Const. Co., Penobscot bldg
GRAND RAPIDS—Boyes & Blandford Co.
Bunker G. W. Co.
Carpenter Constr. Co.
Gentz Bros.
Hauser-Owen-Ames Co. (General)
§Herrman Son
Hoertz Chas & Son
McDermott & Cooper (Paving, etc.)
McNabb Jno. & Son (General)
§Oltman L. P.
Prange A. H.
Rosema & Top
Rusche J. P.
§Strom-Johnson Constr. Co.
§Timmer Bert
HANCOCK—Gauthier August
Verville A. J.
HOUGHTON—Gundlach H.
Hildibrandt Frank
Michels J. J.
Smith Sparks Co.
IRON MOUNTAIN—Hoose & Person Const. Co.
IRONWOOD—Olson & Bergquist (bldg)
Oxman & Son
ISHPEMING—Erickson Louis & Son
Wahlman Construction Co.
JACKSON—Bradt Harry J.
Brooks T. C. & Sons Co. (General)
North Bradshaw Co.
KALAMAZOO—Byers Bros. Const. Co.
Heystek-Baker Constr. Co. (Paving)
Rickman Contraction Co.
Tanis E. & Son
Van Der Horst Henry L.
LANSING—Neller Louis
Wilcox C. S.
MANISTIQUE—Ramsey W. S.
MARQUETTE—Powell & Mitchell
Van Iderstine C. C.
MUSKEGON—Buck & Mullen
Burke, Smith & Nelson
Hughes John & Son
PORT HURON—Crawford Archie
O'Sullivan James & Sons Co.
Smith Andrew J. & Sons
SAGINAW—Creswell T. B. (General)
Davies J. C. (Sewer, Paving, etc.)
Gelinas A. & Sons (General)
Kerns Jas. S. & Son
Qualman Walter A.
Ryckman Albert H.
Spence Bros.
ST. JOSEPH—Kingsley Chas. E. (Mason)
Stock M. W.
Williams Chas. E.
SAULT SAINTE MARIE—Durocher Thos. L.
Great Lakes Dredge & Dock Co. (River & Harbor)
Hunt M. N.
Irwin John B.
TRAVERSE CITY—Lather Geo.
WYANDOTTE—Soncrant Leon

MINNESOTA.

AITKIN—Foley D. A. & Co.
Gleason W. J. Co.
Small W. H. & Son
ALBERT LEA—§Albert Lea Constr. Co.
Anderson Bros.
Hansen John F.
Nelson & Thompson
Tapager Christian M.
AUSTIN—Berry & Beckel
Donovan Wm.
BRAINERD—Rowley C. B.
DULUTH—Anderson & Gow
Barnett & Record Co. (Engineers & General)
§Bergquist Bros.
§Bowe-Burke Co.
§Brown H. C.
§Carlson Frank A.
Clough D. H. & Co.
Dahl E. A. & Co.
§Danielson Chas.
Duluth Diamond Drilling Co.
Duluth-Superior Dredging Co.
§Fawcett William
Frederickson C. G. (General)
§Grandy John
Great Lakes Dredge & Dock Co. (River & Harbor)
Hansen Richard
Jacobson Bros.
Johnson Frank L. & Co.
§Johnson Otto
Kileen Thos. & Co.
*King Geo. R. (Railroads, Sewer, etc.)
King W. F. & Co.
Linden Construction Co.
§Lounsberry Geo. H.
McDonnell P.
MacLeod & Smith (General)
Molitor J. D. & Bro.
§Nauffts Theo.
Northern Dredge & Dock Co.

Pastoret Construction Co.
§Pearson Harry & Son
Pearson Olaf & Son
§Perry E. C. & Son
§Ramstad Louis
Raymond Bros. Co.
Rogers & McLean
§Schleunes J. F.
Smith & Vokes (General)
Stack Constr. Co.
§Thorburn Thomas (General)
Watterworth & Fee (General, Street & Public)
Zauft Emil

FARIBAULT—Brown Benson
O'Neil John P.
O'Neil Wm. & Son Co.
§Peltier C. H.

FERGUS FALLS—Lamson-Gray Construction Co.
Lauritzen John Co.
Minnesota Cement Constr. Co.

HIBBING—Longyear E. J. Co. (Drill)
McKusick J. C.
Winston-Dear Co.

MANKATO—Neitge Otto
Nelson J. B. Construction Co.
Widell Co.

MINNEAPOLIS—Albinson Const. Co., Wilmac bldg.
Anderson Albert, Plymouth bldg
§Anderson Fred Co., 2810 Bryant av, S
Anderson-Whitson Co., Lumber Exchange
Archer H. & Co., 314 S 10th
Bailey-Marsh Co., Metropolitan Life bldg
*Balch H. F. & Co., Phoenix bldg
§Baltuff Jos. M., Security Bk. bldg
Barbeau & Werring (Bridges), N W bldg
Barnett & Record Co. (Grain Elevators & Heavy bldgs.), Flour Exchange
Betzler Geo. J., 2622 Marshall (Cement)
Billingsley R., Kasota bldg
§Brandenburg E. G. Constr. Co., Temple ct
Brown Jas. H. Co., 511 S Third
Burton Walter, 328 Nicollet av
Carlson & Johnson, 4233 Bryant av S
Carlsted Bros., 300 20th av N
§Cedarstrand Aug. & Co., 984 Central av
§Chadwick L. L., 112 E Lake
Comb David & Son, Lumber Exch
Cooper Barclay, 45 N 11th
Cooper E. B., Lumber Exchange
Cooper J. J., Andrus bldg
§Crawford W. M. & Co., 70 Western av
Davis C. A., Security Bank bldg
Davis Construction Co., Plymouth bldg
Dawson Bros., 3638 Central av
Doeltz W. F. & Son, Plymouth bldg
*Doughterty J. P., Globe bldg
Elliott J. & W. A. Co. (Public Works), Lumber Exchange
Elson Williams Const. Co., 830 Hennepin av
Evenson Utterberg, Plymouth bldg
Evensta E. G. & Co., N W bldg
Farnam Bros. Co., Plymouth bldg
Fleisher & Hoffman, Kasota bldg
Frankman Bros. Bridge & Constr. Co., Metropolitan Life bldg
General Contr. Co. (Paving), Plymouth bldg
Giguere Peter C. & Son, 410 7th av N E
Goldstein Irwin, Plymouth bldg
Graves F. E. Const. Co., 2520 Nicollet av
Great Northern Bridge Co. (Bridges), Lumber Exchange
§Haglin, Stahr Co., Lumber Exchange
§Hagstrom Chas. E. & Co., 1514 Emerson av N
Hall Patterson Bldg. Co., Lumber Exch
Halladen P. O., Metropolitan Life bldg
§Heaton & Ellison, 1818 4th av S
Hennepin Bridge Co. (Bridges, etc.), 922 Laurel
Ibberson T. E., Corn Exchange
*Jacobson R. A., 699 17th av, N E
Johnson J. A. & Co., 115 S 6th
Johnson L. H. (Bridges), 968 Laurel av
Johnson & Johnson Constr. Co., McKnight bldg
*Kerrick Const. Co., 507 3d av N E
§Klarquist S. M. & Son, Security Bank bldg
Lasley W. M., Temple ct
Lathrop T. A., 418 1st av, S E
§Leck H. A. Co., 2324 4th av S
Leck James Co., 311 S 7th
Lees R. E., 303 6th av S E
Leighton H. N. & Co., 127 S 10th
§Libby & Libby Co., 244 2d av S
Libby T. & L. D. Co., Temple ct
Lunquist C. W. Co., 712 15th av N E
McCoig Harry L. & Co., 348 McKnight bldg
*McCullough & Cheney, Temple ct
§McMillan F. G., 2 S E 5th
Madsen Bros., Plymouth bldg
§Mandel Bros., 1109 Plymouth av
Minneapolis Bridge Co. (Bridges), Met. Life bldg
Moffet C. W., 3008 4th av S
*Nat'l Constr. Co., Met. Life bldg
Nelson N. W. & W. A. Co., 3047 4th av S
*Nelson Peter, Temple ct
O'Shea Wm. & Son, 526 Ridgewood av
Oyen O. O., 718 S 4th
Palmer Fred A., 3003 Hennepin av
Pelton R. B., 2906 Clinton av
§Peters Home Bldg. Co., 654 McKnight
Pike & Cook, 416 S 5th
Placke H. H., Plymouth bldg
Rabehl G. F. Bldg. Co., 2592 Nicollett av
Ravitch Bros., N. W. Bk. bldg
Robinson J. L. Co., 511 S 7th
Security Bridge Co. (Bridges, etc.), Metropolitan Bank bldg
Sonner P. J., Plymouth bldg
Splady, Albee & Smith, Plymouth bldg
Standard Constr. Co., Plymouth bldg
Twin City Co., 29th & Minnehaha av
Tyler & Co., 2730 Nicollett av
§Vertz Geo. R. & Co., 1615 Nicollett av
Weltzin N. H., 3225 30th av S
*Winston Bros Co. Globe bldg
Wodrich & Son, Met. Life bldg
Wunder John, Lumber Exchange

MOORHEAD—Fridlund A. J.
Kall P. J. (Brick)
Merritt W. H.

RED WING—Carlson J. P. (Cement, etc.)
Longcor W. J.

ST. CLOUD—Heinman John
Kropp Carl
Wahl Ed. M.

ST. PAUL—Ash C. & Sons, 202 Maria av
Baumeister Wm. C., Pioneer bldg
Becker Geo. F., 160 W 4th
Boyd Constr. Co., Ger. Life bldg
*Boynton & Church, Merchants National Bank bldg
Bumgardner L. A. Co. (Grading, Railroad,etc.), Scandn.-Amer. Bk. bldg
Butler Bros., Ech. Bank bldg
Butler J. W. & Bro. Co., Scan.-Amer. Bank bldg
Cameron & Co., Ryan bldg
*Church H. W., 494 Ashland av
*Cook Const. Co., Gilfillan blk
*Deeks Deeks & Smith, Exch. Bank bldg
Donohue-Selover Constr. Co., 699 Virginia av
Elmer H. M., 1593 Portland av
§Ericksen A. G., 404 N Prior av
Feyen Constr. Co., 277 Burgess
Fielding & Shepley (Sewer Grading, Paving & Bridge), 216 W University av
*Foley Bros. (Railroad, etc.), Gilfillan blk
*Foley Young & Peabody, Merchants Nat'l Bank bldg
Fowble Chas. A., Germ. Life bldg
§Frandsen H. J., 510 Rice
Fransen Nels P. & Co., Endicott bldg
Grant G. J. Const. Co., Exch. Bank bldg
*Guthrie A. & Co., 336 Jackson
Hodgin W. E. Constr. Co., 1237 Selby av
Hoy W. J. Co., Metropolitan bldg
Ingemann Co., 1930 St. Anthony av
Johnson, Carey & Helmers Co., Metropolitan bldg
Kees G. A. Domestic Engng. Co. (Sewer)
Keough Bros., 2655 Mississippi River boul
Lauer Bros. (Heavy Masonry, etc.), ft of Chestnut
McClure Contrg. Co., 61 E 6th
McManis & Tarnoski, Endicott bldg
*McMenemy R. A., 645 Endicott bldg
*Morris, Shepard & Dougherty (Railroads, Bridges, etc.), Globe bldg
Murphy Wm. M. & Son, Endicott bldg (Excavating)
§Nickel J. H., Exch. Bank bldg
Norlander Fred C., Am. Nat. Bk. bldg
*Oakes Geo. W. & Co. (& Bridges, etc.), Endicott bldg
O'Neil & Preston, 60 E 6th (Sewer)
Peck & Lehmann, 779 Cherokee
Poppenberger Wm. & Son, 735 York (Plasterers)
Romer F. J. Construction Co., 190 Ramsey
§St. Paul Bldg. Co., 460 Rice
*Siems-Carey Co., German Life bldg
Shield J. L. Co., Flat Iron bldg (Excavating)
Thomas A. C., Guthrie Construction Co., Shubert bldg

STILLWATER—Olsen O. H. (Public Work)

VIRGINIA—Grande Andrew
Roberts-Kingston Contr. Co.
Shaver W. B.
Virginia Bldrs' Supply & Contracting Co.

WILLMAR—Haley Philip J.
Olson J. H.

WINONA—Beecker K. J.
Becker K. J.
Brom Martin
Huseman Fred
Knopp John
Lohse John
Seidiltz & Werner

MISSISSIPPI.

BILOXI—Rosell T. J.

JACKSON—Dickson A. L.
Hardy H. K.
McGee W. J.

MERIDIAN—Dabbs C. H.
Dabbs & Wetmore

VICKSBURG—Curphey & Mundy
Helgason Bros.
Padgett W. H.
Zollinger V. T.

MISSOURI.

CAPE GIRARDEAU—Bender L. W. & Son
Kochtitzky Otto
§Rabich Herman
Vogelsang Bros. Const. Co.

COLUMBIA—Crist G. D.
Fellows John N.
Miller Frank P.
Stewart Bros.

FARMINGTON—McCarthy Lumb. & Const. Co.

JEFFERSON CITY—Mace Chas. G. (Cement)
Pope Joseph
Schneider Henry
Stone & Stone
Wolff Bros.

JOPLIN—Bane & Hoffman
Deiter & Wenzel Constr. Co.

KANSAS CITY—Arkansas Bridge Co. (Bridges, etc.), Waldheim bldg
Blodgett Const. Co. (Bridges, etc.), Ry. Exch. bldg
Bradbury Edwin H., Sheidley bldg
§Brown Geo. L. & Son, Rialto bldg
*Cameron Joyce & Co., Ry. Exch. bldg
Carroll Martin Co., 1118 McGee
Canton Bridge Co., N. Y. Life bldg
Clark Constr. Co., 928 B'way
Cleveland Trinidad Paving Co. (Paving, etc)
Colyer Kit (Roads, etc.), Midland bldg
Concrete Constr. Co., Sharp bldg
Coughlan John P., 1822 Main
Crites F. H., 2136 Belleview av
Crosby L. & Son Construction Co., Massachusetts bldg
Economy Const. Co., 318 W 10th
Fogle Construction Co., Reliance bldg
Fowler L. A. & Sons, 1409 Walnut
§Fuller Geo. A. Const. Co., Dwight bldg
Gedney Wm. M., 24 Linwood av
§Goodlander George W., Mass. bldg
Gray Constr. Co., Orear-Leslie bldg
Halpin-Boyle Const. Co.
Hammond Bros., 1732 Grand av(Rail)
Hollinger Job Const. Co., New Nelson bldg
Home Const. Co., 1407 Walnut
§Horton Concrete Const. Co., Reliance bldg
Hucke Geo. & Sons Bldg. Co., Ry. Exch. bldg
Hunt Eng'ing Co. (Cement), Republic bldg
Hutt J. E. Contracting Co., Ry. Exch. bldg
Jaicks A. Co. (Paving), Amer. Bank bldg
Kansas City Bridge Co. (Bridge & Stone Piers), Orear-Leslie bldg

MISSOURI—KANSAS CITY—continued
Kansas City Const. Co., 120 Spring
*Kenefick Wm., Bryant bldg
Kennedy Bros. (Paving), Midland bldg
Kinghorn Alex., Reliance bldg
Kobert H. G., 1212 McGee
*List & Gifford Const. Co., Ry. Exch. bldg
List & Weatherley Constr. Co., Ry Exch. bldg
Long Const. Co., Rialto bldg
Lonsdale Bros., Bryant bldg
Lovitt C. W., 1015 E 33d
*McMurry J. W. Contracting Co. (Bridges, etc), Sharp bldg
§McTernan & Halpin Const. Co., 2500 Grand av
Maley & Kelly Contracting Co., Mass. bldg
Marshall C. W. Const. Co., Reserve Bank bldg
Marshall D. E. Contr. & Mfg. Co., 2011 E. 10th
Midland Bridge Co., Ry. Exch. bldg
Mid-West Construction Co., Dwight bldg
§Morley Patrick J., 709 Wyandote
Morris A. F., Bryant bldg
Mosby-Goodrich Constr. Co., N. Y. Life bldg
Norton Bros. (Grading, etc.), 1817 Holmes
§Parker-Washington Co. (Sewers, Grading, Paving, etc.), 2309 Pennsylvania
Peterson Chas. E., 3934 Wyoming
Raymond Concrete Pile Co., Orear-. Leslie bldg (Concrete)
*Sharp C. H. Contr. Co., Sharp bldg
Siedhoff Geo. H. Constr. Co., Finance bldg
*Smith L. J. (Construction), Commerce bldg
Spitcaufsky Bros. Co., 2512 Wyandotte
Standard Bridge Co., Mass bldg
Stiver Harvey, R. A., Rialto bldg
§Swenson Const. Co., Shubert Theater bldg
Tyner E. D., Const. Co., Midland bldg
Union Bridge & Const. Co., Sharp bldg
Van Sant J. R. Const. Co., Dwight bldg
§Wells Bros. Co., Dwight bldg
Wilson W. A., Mass bldg
Winn E. L. Const. Co., Ry. Exch. bldg

MEXICO—Gamble L. M. F.
Powell B. A. (Concrete)

MOBERLY—Lynch-McDonald Const. Co.
Murphy P. J. (Grading)

ST. JOSEPH—Buddy Phil. P. Bldg. & Const. Co.
Du Bois Reinforced Concrete Co.
Hotchkiss Sam
Land Const. Co. (Concrete)
Metropolitan Paving Co.
Olson-Schmidt Const. Co. (Grading)
Reinert Bros. Const. Co.
Teegarden Edw. C.

ST. LOUIS—Abadie E. H. (Engrs. & Contrs.), Victoria bldg
§Althaus Jacob & Co. (Bldrs.), 530 Holly av
Amer. Bridge Co. of N. Y., 3d Nat'l Bank bldg
§American Contracting Co., Title Guaranty bldg.
American Press Brick Co., 6500 Easton av (Brick)
*Bambrick Bros. Const. Co., 5229 St. Louis av
Berwick Investment & Constr. Co., 610 Chestnut
Black James Masonry & Contr. Co. (Sewer & Masonry), Wright bldg.
Boeke Constr. Co., 1818 Ann av
Boland John V. Const. Co., Chemical bldg
§Bothe J. G. Contr. Co., 1603 N 18th
Bright J. H. Contr. & Bldg. Co., Title Guaranty bldg
Bruner P. M. Granitoid Co., Frisco bldg
Carmichael Wm. P. (Eng. & Contrs.), Rialto bldg
Carroll Contracting Co., Navarre bldg
Chapline Const. Co., Victoria bldg
Continental Constr. Co., Natl. Bank of Commerce bldg.
Craig Plastering Co., Odd Fellows bldg
Crosby H. W. Contr. Co., 4048 Evans av
Cunliff Charles, Title Guaranty Trust bldg
Duffner & Stecker Const. Co., 722 Chestnut
Evans Dan'l Const. Co., Odd Fellows bldg
Excelsior Press Brick Co., 1010 Chestnut (Brick)
Eyermann G. & Bro., 1216 S Grand av
Eyssell M., 3d Natl. Bk. bldg
Farish & Gray, 3rd Nat. Bk. bldg
Federal Constr. Co., Odd Fellows bldg
Fehlig Const. Co., Theresa av & Hickory
Fitz-Gibbon J. D., Chemical bldg
Frein Masonry & Contrg. Co., 3803 Forest Park blvd
*Fruin-Bambrick Const. Co. (Public & Street Work), 800 S Spring av
Fruin-Colnon Contr. Co., 800 S Spring
Gamble Const. Co., 620 Chestnut
Gerhard E. C. Bldg Co., Victoria bldg
Gillespie & Daly (Mason), International Life bldg
Gillick Bros., 319 W Stein
Gilsonite Construction Co., Wainwright bldg
§Godfrey Jas. A. & Co., Wainwright bldg
Goesse & Remmers Bldg & Const Co., 805 Cass av
Graham Granitoid Co., 4952 Lotus av
Graner-Mahoney Contracting Co., Wainwright bldg
Granite Bituminous Paving Co., Rway Exch. bldg
§Grewe John Construction Co., Century bldg
§Grone Louis H., Benoist bldg
Haeseler A. H. Bldg. & Contr. Co., Wainwright bldg
§Hall, Mackay Construction Co., Chemical bldg
*Hannan P. J. Co., Boatmen's Bk. bldg
*Harrington Bros., Watson rd. & Odell av
Hartmann G. Contracting Co., Chemical bldg
Harvey-Burden Const. Co. (Concrete), Chemical bldg
Heman Constr. Co. (Sewer & Public), Title Guarantee Trust bldg
Hickey Bros., Railway Exch, bldg
*Hill John Const. Co. (Sewer, Paving, Waterworks & Masonry), Syndicate Trust bldg
Hinchman-Renton Const. Co., Granibold Holland bldg
Hirsch H. O., Wainwright bldg
Inland Constr. Co., 4411 S. Grand av
Kellermann Contracting Co., Roe bldg.
Kiel & Daues Bricklaying & Contr. Co., 2621 Clark av
Kremer & Voirol Const. Co., Century bldg.
§Lescher J. G. Construction Co., 4237 Linton av
Lloyd H. Bldg. & Const. Co., Odd Fellows bldg
Loughman Jos. & Son, 1133 N Vandeventer av
Lund Chas. N. Const. Co., 810 Olive
McClintic-Marshall & Co. (Bridge), 3rd Nat. Bk bldg
McClure R. P. Const. Co., 717½ Chestnut
§McCormack Charles B. & Son, Columbia bldg
McCormack-Combs Const. Co., Columbia bldg
McMahon Jas. T. Constr. Co., 1543 Farragut
McMahon Jno. F., Wainwright bldg
Manegold Contr. Co., Navarre bldg
Merrill Construction Co., Century bldg
Miller & Borcherding (Bridge), Frisco bldg
Mississippi Valley Const. Co., De Menil bldg
Missouri Granite & Const. Co., 3410 Gratiot av
Missouri Valley Const. Co., 3rd Nat. Bk. bldg
Moreno-Burkham Const. Co., Syndicate Trust bldg
Morey Richard, Chemical bldg
§Morrison R. W. Const. Co., International Life bldg
§Mueller Frank C. & Co., 3933 Chouteau av
Murch Bros. Const. Co., Railway Exchange bldg
*Myers Construction Co. (Gen'l), 3rd National Bank bldg
Novaculite Paving Co., 6038 Delmar bl. (Paving)
Parker-Washington Co. (Engrs. & Contrs.), 6161 Maple
Pelligreen Const. & Inv. Co., Grand & Park av
Perkinson Bros. Construction Co. (Telford & Public), 3237 Carter av
Peters L. W., 785 Euclid av
P-K Engineers (Power Plants), 1906 Pine
§Prendergast-Clark Construction Co., 915 Olive
Prendergast Geo. G. Const. Co., 721 Olive
Ratermann Bldg. & Contracting Co., 1943 St. Louis av
Reeves T. C., Odd Fellows bldg.
Re-Inforced Concrete Co., Wright bldg
Remmers F. J. Contr. & Bldg. Co., 805 Cass av
Riley Wm. F. Const. Co., Victoria bldg
Robinson S. R. H. & Son Contr. Co., Chemical bldg
Rombaugh W. N., Gorlock bldg
Rosedale Contracting & Supply Co., Hodiamont av & Cates av
Ruecking Const. Co (Public Work), Marine av & Gasconade
Rugg Constr. Co., Syndicate Trust bldg
Rupp Jos. F. Bldg. & Contr. Co., 1901 E Warne av
Ruprecht W. & F., 8011 S. B'way
*Rust & Swift
St. Louis Cont. Co., 4425 Clayton av
Sauerbrum Const. Co. (General), Century bldg
Schirm F. Contr. Co., 4336 College av
*Scott Jno & Sons, Pierce bldg
Selden-Breck Const. Co., Fullerton bldg
Settle J. C. & Co., Pontiac bldg.
Simpkins Wm. H., 3005 Olive
Sinclair Quarry & Const. Co., Syndicate Tr. bldg
Skrainka Construction Co., Security bldg
Springgate W. G., 4323 Washington boul.
§Steininger E. A. Construction Co., Victoria bldg
Sternberg Bros. (Dredging), Natl. Bk. of Commerce
STEWART JAMES & CO., INC., Harbor, Marine & Heavy Buildings, Boatmen's Bank bldg
Stiers F. A., 4512 Morgan
Superior Press Brick Co., 3190 S Kings Highway (Brick)
Sutherland W. M. Bldg. & Contr. Co., Syndicate Trust bldg
*Thompson J. W. (Bridge Masonry, etc.), Boatmen's Bank bldg
Toft M. J. Const. & Realty Co., Benoist bldg
Tower Grove Quarry & Const. Co., 5927 Fyler av
Unit Construction Co., Title Guaranty bldg.
Wade Bros. Const. Co., 2600 Clifton
Ward T. J. Const. Co., 408 N 11th
Ware J. A. Const. Co., Houser bldg
Warren Bros. Co., Railway Exchange bldg (Paving)
Webb-Kunze Const. Co. (Grading, etc.), 5927 Fyler av
Westlake Const. Co., Mercantile bldg
Wiederholdt Const. Co., Old Bank of Commerce bldg
*Wilson W. R. & Son, Odd Fellows' bldg
Wimmer Contracting Co., Victoria bldg
*Wise J. H. Constr. Co., Victoria bldg
Woerman Const. Co., Century bldg
Zbaren P. & Sons, 4820 Ledue
Ziegelmeyer & Suter, 7300 Minnesota

SEDALIA—Detjen & Son
Faulkner Frank G.
Johnson Thos. H.
Moyer Jerome
Thomas M. O.
Warren J. C.

SIKESTON—Heisler Frank
Murry Construction Co. (Large)

SPRINGFIELD—Compton A. A.
*Hedges Construction Co.
Jarrett Construction Co.
Jarrett-Richardson Paving Co.
Pauly & Ipsen
Plummer-Adams Construction Co.
Springfield Planing Mill, Lumber & Const. Co.
Underwood-Mercer Constr. Co.

MONTANA.

ANACONDA—Calnan T. C.
Clifton-Applegate & Toole
Johnson & Law
BILLINGS—Bayer Harry, Inc.
Gagnon & Co.
§Lindstrom & Oren
McElray & Holmden
Ross & Sawyer
§Savarsey Frank
§Seebod & Thomas
§Vincent H. G.
BOZEMAN—Brown J. N.
White, J. J.
FORT BENTON—§Hagen Henry
GREAT FALLS—Empire Constr. Co.
Fagenstrom Bros. Contr. Co.
Jarl C. O.
Lease M. N.
Ness & Theisen Constr. Co.
Nilson & Smith Co.
HELENA—Adami Bros.
Dryburgh John
Jacoby & Son
MISSOULA—§Olson & Johnson (Bldrs, etc)
Peppard O. E.

NEBRASKA.

BEATRICE—§Kilpatrick Bros.
Kilpatrick Bros. & Collins Contr. Co.
LINCOLN—Assenmacher W. J. Co.
§Birchard Construction Co.
Harrison T. P.
§Jensen Louis
Nebraska Constr. Co.
Olson Construction Co.
§Stephens H. A.
LOUP CITY—Ohlsen John & Son
OMAHA—Alamo Engng. & Sup. Co. (Waterworks)
§Bailey W. C.
§Beck Alexander, Keeline bldg
Busk & Wind, Ramge bldg
Butke Robert, Paxton bldg
Callahan Constr. Co., City Natl. Bank bldg
Campen Co., Omaha Nat'l Bk. bldg
Canton Bridge Co. (Bridges), W. O. W. bldg
Cathroe H. J. & Co., Brandeis bldg
Collins G. J. S., 423 S 31st
*Condon Geo. W., W. O. W. bldg
Deverell W. P., Ramge blk
§Drake Reality Constr. Co.
Ford Paving Co., Brandeis Theatre bldg
Friedman Samuel, Keeline bldg
Gould F. P. & Son, City Nat. Bk. bldg
Grant John Paving Co., Paxton blk
Grove-Wharton Const. Co., New Omaha Nat. Bk. bldg
Hamilton Ed. O.
Harte J. H. 1609 Webster
§Jesperson C. M.
§Jobst B. J., Paxton blk
Katz Construction Co. (Sewers, etc), Brandeis Theatre bldg
*Lamoreaux Bros., Brandeis Theatre bldg
Lundburg Geo. E.
Mardis J. C. Co., Brandeis Theatre bldg
Murphy Hugh Construction Co. (Municipal Work, etc.), Karback blk
Nebergall L. E. (Artesian Wells), City Nat'l Bk. bldg
§Parsons Grant, Keeline bldg
Petersen P.
§Petersen Walter, Nat. Fid. & Cas. bldg
*Peterson Edward Co., W. O. W. bldg
*Phelan & Shirley, 306 S 24th
*Pollard & Campbell, Brandeis Theatre bldg
Public Service Const. Co., Krug Theatre bldg
§Redgwick Wm., Leavenworth bldg
§Selden-Breck Const. Co., Keeline bldg
Standard Bridge Co. (Bridges), City Nat Bk bldg
§Toms John J., Brandeis bldg
§Weeks & Voss, 317½ S 12th
§Wiese J. H., City Nat Bk bldg
SOUTH OMAHA—Carter N. E., 2314 Main
Sorensen H. P., 13th & Harrison
TECUMSEH—Intermountain Bridge & Const Co (Street, Road, etc)

NEW HAMPSHIRE.

CLAREMONT—§Beckwith Hira R.
COLE BROOK—§Hicks A. C.
Young Ellsworth D.
CONCORD—§Horne & Hall
§Hutchinson Bldg Co.
Rowell & Plummer (Masons)
Swain Chas H. & Co.
Virgin Wm E. (Masons)
EPPING—Manchester R. E. & Mfg Co
LACONIA—General Contracting Co.
Wallace Bldg. Co.
MANCHESTER—Brunelle Arsene
Bunton & Bernard
Demers Joseph C.
Golden & Bartlett
Guertin J. Noel
Keane P. J. & Son
Kennedy & Peterson Construction Co
Laberge Alphonse (Mason)
Laflamme Frank X.
Macropal Harry
Martel L. E.
New Hampshire Cement Constr. Co.
Provost F. T. & Co
Shattuck L. H. Inc.
Toupin Joseph
NASHUA—Fowell Wm. & Son
Holt Duane F. & Son
Nashua Bldg Co
Osgood Cons. Co. (Waterworks, Sewer, etc)
Weston J. H. & J. S. (Masons)
PORTSMOUTH—Trefethen E. W. (Sewer, etc.)

NEW JERSEY.

ALLENHURST—Fielder Elbert O.
ARLINGTON—Salmond Bros Co
ASBURY PARK—Chamberlain J. & Sons
Leaw Bros. (Concrete)
Mooney Elwood W.
§Smock Benj. L.
§Taylor I. R. & Co
ATLANTIC CITY—Abacus Const Co
Atlantic Const & Supply Co
Baldwin Z. T. & Son
§Beaumont Wilbert
Bowen Richard T.
Buckley Ellwood
Cramer Augustus
Crosta Edward A.
Cunningham Frank M.
Goff Garner T.
§Hampton Bros. Co.
Hannum Philip G.
§Headley Samuel H.
Higbee Enoch L.
§Higbee Wilbur S.
Hill Dredging Co. (Harbor & Public)
Holland E. J. Constr. Co.
§Ingersoll John W.
§Knauer Newton W.
§Mathis Hiram
§Mathis J. & Son
Moore Alfred
Murtland Christopher G.
Nichols Martin S.
§Scull Bros.
§Scull Harry G.
§Smith Ellsworth E.
Taylor W. G. & Son
§Thompson Bros.
§Tilton Chas. P.
§Young Nicholas W.
ATLANTIC HIGHLANDS—§Carhart Construction Co.
Wells Wm. L.
Woodward John & Co.
AVALON—§Kates Geo. W.
BAYONNE—Brady Bros. (Large)
Brady's Jas. Sons Co.
Gottko J. & Sons (Masons)
Grant J. W.
Herbert Thos. & Son (Masons)
McCabe Bros.
Pharo J. A.
White Michael
BEACH HAVEN—Butler Wm. L.
§Grant & Cranmer
BELMAR—§Hutchinson Forman S.
§Pierce H. Frank
BERNARDSVILLE—Dick & Monaco
§Dobbs Jos.
BLOOMFIELD—§Delp Jacob (Masons)
§King Hugh D.
§Moormann Bros. (Masons)
Sempier John
BOUND BROOK—McNabb John
BRIDGETON—Barnes & Mixner
Bridgeton Construction Co.
Grosscup & Sons
Maier Geo. & Bro.
Sharp Leander
BURLINGTON—Norcross J. J.
Williams H. H.
CAMDEN—§Anderson Gustavus
§Bachmann Geo.
§Barcklow & Fulton
Dick Wilmot
§Draper James W.
Harden Frank J.
§Hensgen Bros.
§Kelley John M. Contracting Co.
Makel John
Mockett Constr. Co.
Patchett Oscar
Post H. L. & Son
§Ratcliffe Griffith
Stant, Benj. F.
Taylor C. F. Co.
Wagner Philip
Ward Aaron & Son
CAPE MAY CITY—§Hanes Jos. H.
York Bros.
CLOSTER—Bell W. H.
Taveniere & Johnson
CRANFORD—Loveland L. L.
EAST NEWARK—Van Keuren & Son
EAST ORANGE—§Grobert Henry
§Kelley & Boland
Struck Fred M.
Tobin Richard L. Co.
ELIZABETH—Barnes & Van Bergen
Bond Bldg. Co.
Byrnes Michael Bldg. Co.
§Clifford Wm. & Sons Co. (Building)
Eilbacker Chas.
§Fisher S. L. & Son
§Flocken Chas. (Building & General)
Kerr Alex. & Son
McCloud Wm. J. & Co. (General)
New Jersey Dock & Bridge Building Co. (Harbor Improvements, etc)
§Slakin H. A.
Warren Jas. W. Bldg Co.
Winans C. H. Co.
ENGLEWOOD—§Bogert Chas. A.
§Bried Jas. L.
Brucker Charles
Mackenzie R. H.
Reeve Wm. D. (Mason)
§Vignaux W. A.
§Westervelt J. S.
FAIR HAVEN—Smith A. E.
Smith G. W.
FAR HILLS—Layton Jos.
Moore Wm. R.
Pantley Wm. (Mason)
GLEN RIDGE—§Higgins Thos. H.
GRANTWOOD—Scioli Nicola
HACKENSACK—§Birley Geo. H.
§Collins Geo.
§Ferber Constr. Co.
Humphrey E. C.
Long F. R., W. G. Broadhurst Co.
§Voorhis C. A. Constr. Co.
Whyte Wm. H. Const. Co.
HARRISON—Harper David (Roads, etc)
§McEvoy Bros.
HOBOKEN—§Farrell M. & Son
§Muller & Co.
Phelan Engng. & Constr. Co.
Rath Robert J. (Mason)
Waddington R. & Son (Street & Public)
Whalen James
Whan Alexander
HOLLY BEACH—Scully C. J.
IRVINGTON—Dorer John (Excavating & Grading)
Irvington Bldg. Co.
JERSEY CITY—§Anderson & Johnson, 75 Roosevelt av
Baker Wm. (Sewer, Paving, etc), 137 South
Byrne Henry (Public Works), 392 Mercer
§Connelly P., 13 E Hamilton pl
Connolly M. T. Contrg. Co. (Public), 238 17th
§Crone A. W. & Sons, 498 Central av
Delatush Henry Co., 562 Newark av
§Eichmann Robt. W., 234 Summit av
§Gavin & Doris (Masons), 273 Grand
Grosklaus John & Son, 299 Old Bergen rd
§Hackett M. & Sons (Masons), 224 Griffith
Hahn Henry, 247 Summit av
§Harrington T. & Sons, 558 Montgomery
Hudson Concrete Const. Co., 452 Montgomery
Jewkes Jos. & Sons, 676 Montgomery
Lothrop John M., 2381 Boulevard
McDonough H. (Mason), 265 Bergen av
Mannix Jas., 25 Gilchrist
Nevins Oscar W. Co., Pavonia & West Side avs

NEW JERSEY—Jersey City—continued
§O'Reilly Contrg. Co., 90 Neptune av
Robertson Wm. & Son, 15 Exchange pl
Rode W. C., 153 Garfield av
*Ross P. Sanford (River & Harbor), 277 Washington
Shannon J. H. & R., 538 Bergen av
Stillman-Delehanty-Ferris Co., 26 Exchange pl
Tumulty P. Jr., 59 Brunswick
Whyte Wm. R. (Mason), 36 Oakland av
Wright & Kowalsky, Grove & 19th (Concrete)
KEARNY—§Dunn Jas. J.
Maher & McNicholas
Smith Geo. Jr. (Concrete)
LONG BRANCH—§Hughes R. H.
Melee Owen J. (Bridges, Docks, etc.)
Schoenthaler Edward
§Woolley Geo. & Co.
LYNDHURST—Burke W. J.
MANTOLOKING—Stillwell Jos.
MILLVILLE—§Chambers A. J.
§Hoffman Henry (Mason)
§Hoffman Jas. S. (Mason)
MONTCLAIR—§Boxall Geo. W. (Masons)
Carlson J. S. & L. Co.
§Clark Allison P. Co.
Fusco Donato (Sewers)
Gibbs Fred W. Contracting Co. (Street & Concrete Work)
Myers G. Edward Co.
§Nelson Nels P.
§O'Neill, Edward C.
Osborne & Marsellis Co. (Roads)
§Ring Edward D.
§Sims Benj. G. (Excavating & Grading)
§Wikstrom W.
MOORESTOWN—French Walter S. (Sewer, etc)
Rogers J. S. Co.
MORRISTOWN—§Collins John D. (Mason)
§Dalglish Robert
De Coster, Mills & Co.
Grupelli Eney
Lyons Jas. J. (Mason)
New Jersey Engineering & Const. Co.
§Reeve & Burr
Sturgis Bros. (Masons)
NETCONG—Allen Engng. & Contr. Co.
Gallo Bros.
NEWARK—American Concrete Steel Co. (Concrete work), 29 Clinton
B. & W. Concrete Co., 207 Market (Concrete)
Baer H. Co. (Cement Const.), 842 S 19th
Becker Const. Co. (Concrete), 361 Grove
§Becker L. C. & Son, 415-13th
Blanchard Wm. L. Co., 45 Poinier
§Clarks A. H. Son (Masons), 45 Clinton
§Connolly Wm. H. Co. (Mason), 495-12th av
§Cooper Chas. S. (Mason), 20 Clinton av
De Camp & Sloan Mfg. Co., 420 Ogden
Dey J. F. Co., 263 Lake
Duckworth-Crawford Co. (Excavating & Road, etc), 111 High
Egan Martin J., 490 S 13th
Enstice Bros., 45 Clinton
§Essex Constr. Co., 87 Academy
Fatzler Fred Co., 810 Broad
Fritz W. G. Co., Essex bldg
George & O'Connor Co. (Excavating), 207 Market
Globe Bldg. Co., 443 Broad
Goeller Chas. Constr. Co., 45 Clinton
Handlowitch J. (Cement Const), 57[illegible] S 19th
Harrison & Craig Co. (Public Wk) 23 Clinton
Hedden Const. Co., 760 Broad
Henry David Bldg. Co., 207 Market
Jackson Contracting Co., Inc., 113 Vesey
§Kilgus Fred, 13 S 6th
Licht Adam, 80 Alvea
*Linde & Griffith Co. (Bridges, Concrete, etc), ft 4th av
McGee D. W. Constr. Co., 142 First
MacPhee Bros., 1045 Bergen
Milmoe Alex. J., 83 Littleton av
Milone Const. Co., 800 Broad
Newark Masons Contracting Co., 156 Ridge
New Jersey Cement Const. Co., 116 Market
Newark Paving Co., 133 1st
North Jersey Bldg. Co., 207 Market
*O'Gara Construction Co. (Road, Paving, etc.), 244 Market
Oschwald Bros. (Masons), 845 Broad
Peck & Benson, 31 Clinton
§Petz Constr. Co., 207 Market
Pitts Co. (Paving), 58 E Park av
Reynolds Const. Co., 308 S 9th
Robinson Jas. E. (Engineering), 274 South
Robinson Jos. A. (Paving), 87 Madison
Schaedel & Bro. Co., 118 Bruce
Schneider H. C. Co., 514 S 14th
Schubert's Jos. C. Sons, 364 S 11th
Shanley J. F. Co., 31 Clinton
Shaw Jno. W. & Son Co., 351 S 9th
Van Keuren & Son, 501 Passaic av
Vanderhoof Peter & Sons Co. (Masonry, etc), 285 Broad
Varley Geo. & Sons, 29 Hudson
§Waldron Edw. M., 671 Broad
Waldron E. M. & Co., 84 S 6th
NEW BRUNSWICK—Conway Martin
Jelin Abraham
Rule Geo. B.
Sebolt Conrad
Utility Constr. Co.
NUTLEY—§N. Y. Continental Jewell Filtration Co. (Govt., Municipal, Industrial & Railway Work)
OCEAN CITY—§Corson Leander S.
Sutton & Corson Co. (Roads, etc).
§Townsend Otis M.
OCEAN GROVE—Leaw Bros.
Minton Bros. (Masons)
ORANGE—§Berryman John
Connors & Fittin (Masons)
Edwards W. F. & Co.
§Hay Wm. A.
Kearns Patrick
§McElnea David
Nelson Const. Co. (Concrete)
§Preiss & Co.
Soverel S. H. & Co.
†Wright & Lindsley
PALMYRA—§Shade John W.
§Shaner Geo. W. & Sons
PASSAIC—Baker Wm.
Berridge Bldg. Co.
De Vogel Contr. Co.
O'Leary J. J. Co.
Skvarla John (Mason)
Swenson L. & Son
PATERSON—B. & W. Concrete Co. (Concrete)
Breen Leonard M. Bldg. Co.
Campf Ralph
De Jong Chas. Bldg. Co.
§Ferguson Jno. W. Co.
§Gleek Albert & Son (Masons)
Henry David Bldg. Co. (Engrs & Contrs)
Lynch Michael Const. Co.
McKiernan & Bergin Co. (Roads, Paving, etc.)
Pittet Felix G. (Mason)
Platt Wm. L. Const. Co.
Sanitary Constr. Co.
Sharpe Joseph Const. Co.
Steele & Son
Sullivan & McNally Co.
§Tanis Nicholas (Mason)
§Van Houten A. B. & Son
Van Kirk P. S. Co. (Mason)
Verduin Abraham (Mason)
PERTH AMBOY—Christensen Carl C.
§Christensen Fred. Constr. Co.
Crouse Ira R.
Graham & McKeon
Meagher & Smith
Mercer Geo. W. Const. Co.
Wester Jens N.
PLAINFIELD—Abbott John C.
Burke Jos. F. Co.
Manning Jas. C.
Milne Alexander
Pangborn's W. H. Son (Mason)
Tallamy B. F. & Bro.
PLEASANTVILLE—Adams Chas. S.
Adams Winfield
Yates James
PRINCETON—§Dempsey & Dempsey
McCarthy & Sons Co.
§Matthews Construction Co.
Stillwell S. H.
Warren Benj. R. & Sons
RAHWAY—§Lamphear Henry L.
Weldon Contr. Co.
RED BANK—Burd Chas. E.
§Earling, Johnson & Fiske Co.
Monmouth Contracting Co.
Scott & Scott
Scott & Yetman (Masons)
Thompson & Matthews Co.
RIDGEWOOD—Christopher J. H.
Phillips & Sons
Zabriskie P. L.
RUTHERFORD—Ahrens, Claus & Co.
Van Roden Frank
SEA ISLE CITY—§Arnett Edw. B.
§Delaney J. P.
§Pfeiffer Clarence
SOMERVILLE—§Gunzelman & Cramer
Hardgrove Wm. (Macadam & Public)
SOUTH ORANGE—§Becker Henry & Sons (Masons)
§Gunzelman & Cramer
Heller Jno. M.
Kernan R. H. & Bro.
SOUTH VINELAND—§Brown Arthur
SPRING LAKE—Moore H. H.
STONE HARBOR—Larsen Contr. Co.
§Turpin Wm. L. & Son
SUMMIT—§Gilchrist David D.
Heims F. W. (Masons)
§Kelly & Boland
Lamb John J.
§Stryker A. A. & Son
TENAFLY—Brewster Geo. M. & Son
Westervelt Geo. E.
TOWN OF UNION—Dennehy Thos.
De Riso Bros.
§Vroman J. E. Co.
TRENTON—Bugbee Newton A. K. & Co.
§Burton & Burton (Masons)
Case Andrew J.
Donegan Thos. F. (Mason)
Dugan Dan A.
Freedman Louis
Hooper John W.
Hurley Jno. H. (Sewer, etc)
Lawton Lewis & Son (Masonry, Kiln Bldrs)
Martin Jos.
Mather S. W. & Sons
§Morris W. J.
Reeger Ed
Rees, Taylor & Co., Inc. (Concrete)
Voorhees A. C.
VERONA—Bahr Chas. (Excavating & Grading)
Brown Ed. B.
Farrand Teo. S.
VINELAND—Foulk Walter L.
WASHINGTON—§Lance Arch
WEEHAWKEN—Roman Otto E.
WEST HOBOKEN—Clinton Constr. Co.
Kleinke Aug.
Murphy Jos. & Son
WEST NEW YORK—Mazzoni R.
WEST ORANGE—§McElnea Henry
§Vogel Adolph
§Wolfe & Jelson
WILDWOOD—§Bonham Winchester
McEwen Jos. Jr.
§Reeves Mark B.
WOODBRIDGE—Treen John, Jr. (Mason)
WOODBURY—Allen Thompson
Best Jos. B.
Henry Edw. P.
WOODSTOWN—§Seagraves & Purtel

NEW MEXICO.

ALBUQUERQUE—§Gertig E. A.
§Hayden A. W.
§Lemke E.
McGaffey Co.
McQuade J. W. (Building, etc)
Sawtelle M. P.
SANTA FE—§Campbell Bros.
§Digneo Carlos (Mason)
§Windsor A.

NEW YORK.

ALBANY—§Bame & Cardell, 176 Warren
*Boland C. P. & Co., 36 State
Cassidy & Gallagher, 73 Elm
Central N. Y. Concrete Co., Inc., 100 State
Collins John M., 82 State
§Davis Chas. J. Bldg. Co.
Dillon Edward F., 5 N First
Dollard M. F. (Grading)
§Dyer Jno. Jr. (Docks, etc), 6 S Pearl
§Feeney & Sheehan Bldg. Co., 164 Montgomery
Finke Bros., 302 Central av
Finn James J. & Son, 9 Cuyler av
Ft. Orange Const. Co., 61 Columbia
Fulton Bros (Mason), 19 Warren
Gander A. & Sons, 14 Osborn
Kantrowitz Morris, 20½ Market
§Keeler Peter Bldg Co., 425 Orange
Kolb Portable Bldg. Co., 30 Church
Little & Zengen, 284a Quail
McCann Bldg. Co., 68 State
Panzieri A. Co., Inc., 50 Beaver

Pasquini Attilio, 208 Sherman
Randerson John P. (Dredging, etc), 51 State
§Ryder M. L. Bldg. Co., 362 State
§Sewell R. P. & Sons, 540 Hudson av
Shaugnessy Const. Co., 372 B'way
†Sheehan Wm. G. Const. Co., 28 De Witt
Siems Carey H. S. Berbaugh, Inc. (Railroad), 120 B'way
St. Lawrence Constr. Co., Inc., 36 State
§Stephens Thos. & Sons, 275 Lark
United Const. Co. (Bridges, etc), 27 James
§Waldbillig John B., 425 1st
Walker Jos. Const. Co., 90 State

ALBION—Belson Henry C.
§Buell Ward S.
§Grear P. L.
§Harris Geo. D.
§Hucknall Thos. (Road)
§Phillips Fred, Sr. (Mason)

AUBURN—§Brayer Bros., Smith block
§Defendorf Chas. J.
Koon E. B. & H. J. (Masons), 31 Mill
Shaver Bros.
§Stuart Wm. A.
§Williams Luke

BABYLON—Howell E. W.

BATAVIA—§Cummings J. C.
§Dellinger Edward
Ditzel & Ward (Masons)
§Glade John & Sons
§Pickert John

BINGHAMTON—Davis & Coleman Co. Inc.
Ford M. I. Co.
Gaylord Engng. & Constr. Co.
Jones-Beers Co.
§Lewis John L.
Mitchell & Co.
O'Neil Geo. F.
O'Neil Jas.
Parsons Constr. Co., Inc.
Tyne & Willey
Willey A. L.

BROCKPORT—Cleveland & Sons Co.

BUFFALO—Albrecht John (Mason), 167 Grace
American Concrete Co., 166 Georgia
Anderson Aug. E., Prudential bldg
Barnwell C. P. Contracting Co., 398 14th
Baynes Wm. J. Co., Inc., 143 Hampshire
Beck Herman, 325 Winslow av
Beecher Scott M., 1054 Lovejoy
Berrick's Chas. Sons Co., 1151 Main
Bird Christopher (Excavating), 95 Greenwood pl
Borkenhagen A. & Son, 175 Norwalk av
Boseck Otto M., 99 Mariemont av
Brown Thos. Contracting Co. (Excavating, etc.), 1135 Niagara
Buffalo Dredging Co. (Dredging, Sewer, etc.), D. S. Morgan bldg
Burgard Henry P. Co. (Sewer & Public), 1968 Fillmore av
Burke Jas. J., 336 Katherine
Busch & Percival (Engineers & Contrs), Brisbane bldg
Chesley, Earl & Heimbach, Inc. (Pile Driving, Excavating, Railway & Factory Building, Concrete, Masonry, etc.), 20 Breckenridge
Cohen Frank L. (Paving), 49 Niagara
Cold Springs Constr. Co., 528 Ellicott sq
Constantine Constr. Co., 240 Dewey av
Cowper John W. & Co., Fidelity bldg
Crescent Concrete Co., Erie Co. B'k bldg
Crooker B. I. Co., Builders Exchange
§Dadswell Arthur L., 334 E Ferry
Danforth John W. Co. (For Mechanical Equipment), 70 Ellicott
Dark & Co. (Sewer, etc.), 654 Main
Delmonto Paving Co., (Paving), 1537 Fillmore av
Dill Wm. H. Co., 153 Masten av
Durolithic Co., The, Ellicott sq
Dwyer J. W. & Son, Ellicott sq
Eagan & Dougan, Mutual Life bldg
***Eastern Concrete Steel Co. (Reinforced Work, Sewers, etc.), D. S. Morgan bldg**
Erie Bldg. Co., Erie Co. Bk bldg
Erie Const. Co., Marine Natl. Bk. bldg
Erie Contr. Co., D. S. Morgan bldg
Everitt C. H., Auburn bldg
Federal Concrete Co. (Concrete), Mutual Life bldg
Felton Wm. F., 1450 Michigan av
Fimiani Joseph & Son (Masons), 483 Breckenridge
Forbach Christ, 204 French
Forrest Chas., 46 East Mohawk
Frailey J. & Bro., 451 Pearl
Frank Peter H. (Masonry), 229 Depew av
Friedman F. J. (Mason), 53 Fox
Frontier Contr. Co., Morgan bldg
Gentile Bros. (Mason), 617 Abbott rd
German Rock Asphalt Co. (Paving), D. S. Morgan bldg
Gibbs John W., Morgan bldg
***Grattan & Lattimer, ft of Main**
Grupp Edw. & Son (Mason), 205 Riley
Hager E. M. & Sons Co., 141 Elm
Haist Edw. R., 1701 Main
Hankin H. R. & Bro.
Hanssel Frank G., White bldg
Harrison Engineering & Constr. Corp., Morgan bldg
Henrich's Wm. Sons Co., 193 Spring
Herman Geo., 28 Hillside av
Hibbard Frank W., 108 Fargo av
Hoffmeyer Bros., 308 Dearborn
Horton D. E. Const. Co. (Pile Driving. Dock Crib & Trestle), Prudential bldg
§Hudson Mathew J.
Hughes Geo. M., 211 E Utica
Huntley & Derdinger Corp., Electric bldg
Hydro Construction Co., Mutual Life bldg
Johnson John Constr. Co., 765 Abbott rd
§Kempf Geo. Sons, 823 Virginia
Klopp John F., Ellicott sq
Koelle Aug., 61 Bissell av
§Krantz John J., 283 Walden av
Lackawanna Bridge Co., Bell & Abbey
§Lanctot Clyde H., Ellicott sq
Lathrop, Shea & Henwood Co., 428 Ellicott sq
Linwood Constr. Co., Marine Nat'l Bk. bldg
Maltby Geo. W. & Sons Co., 21 Maryland
Mayer Albert A. (Concrete), 2128 Fillmore av
Metz Bros. Co., 1295 Fillmore av
Metzler Wm. G. (Mason), 28 Paul pl
Monarch Engng. Co., Cham of Com bldg
Morris & Allan (General), Builders' Exch
Mosier & Summers (General), 1266 Seneca
Mumm Fred J. Contracting Co., 174 Best
Mussell A. & Sons, 1220 Hertel av
Nevinger Dan'l D., 1259 Abbott rd
Niederpreum Bldg. Co., 1170 Jefferson
O'Day John (Marine Contr), 90 Miami
Parks Geo. & Sons Co., 217 15th
Peckham Const. Co. Inc., Mutual Life bldg
Progressive Structural Steel Co. Builders Exchange
Pugell John, 207 Loepere
Richter Joseph & Son, 863 Glenwood av
Riemer Otto, 63 French
Rhode Wm., 680 Elm
Rossney Contrg. Corp., Mutual Life bldg
Sansom & Nagel (Mason), Iroquois bldg
Schaaf Co., Mutual Life bldg
Sherrill Chas. L., Morgan bldg
Smith W. G. (Sewer), 15 Florence
Spire & Prior (Paving, Sewer, etc), Ellicott sq
***Stabell Jos. F. Co. (Sewers, Public & R R Works), 1127 Niagara**
Stanley Constr. Co., 6 S Division
§Stokes Bros., 50 Brayton
Suor & Suor Bldg. Co., Builders' Exch
Tifft Constr. Co., 94 Leslie
Tunmore A. E., 496 W Utica
Turner Construction Co., Prudential bldg
Wagner Peter & Son, 384 Herman
Williams Robt. E., Iroquois bldg
Wittig A. F., 2554 Bailey av
Ziegler A. & Son, 164 Edward

CANANDAIGUA—Rouse George & Son
Smith Hugh M. & Son

CATSKILL—Holdridge Geo. W. & Co. (Street)

CLYDE—Tuck C. H.

COHOES—Buchanan Wm. D.
Byron, Forman & Riggs, Inc.
Grattan T. F. Co.
Neary J. H. & Sons
O'Clair John

CORNING—Bradley John C.
Corning Building Co.
§Drehmer H. G.
§Runner D. M.

CORNWALL—§Taylor Harvey R. Building Corp. (General)

CORTLAND—Beers & Warfield (General)

DOBBS FERRY—§Creedon Michael
Hasbrouck Garrett
Odell Geo. W.

DUNKIRK—Aldrich Benj. F.
Dunkirk Const. Co.
Dunkirk Mason & Contr. Co.
Lake Shore Constr. & Supply Co.
Meister Contr. Co.
§Richardson Ernest F.
§Taylor John A.
Union Builders Co-Operative Contr. Co.

ELMIRA—§Cunningham John
McGreevy, McGuigen & Baum Const. Co.
Pulford Dempsey Const. Co.
Thurston & Haskell
Welliver W. H.

FREDONIA—Goggin Patrick
Lyne S. T. (Paving & Sewer)
Sardeson John

GENEVA—Benjamin Chas. K.
Brennan J. W. Constr. Co.
Dove Wm. G.
Finn Jas. E.
Frautz Wm. H. (Mason)
Henry J. G.
Henson R. W.
Hilkert A. B.
Nagel Samuel
Sattler Wm.

GLENS FALLS—§Acker J. Fred
§Dubee A. J.
§Fredella Jos.
Glens Falls Brick Co.
Glens Falls Portland Cement Co.
§Goodness J. E.
Rhinelander R. H.

GLOVERSVILLE—Banker A. M. (Paving, etc)
Blowers Frank L. (Cement)
Brace A. E. Construction Co.
Brott H. R. (Mason)
§Dye John K.
§Dye Walter F.
§Finkle J. J.
Lair John M.
Little & Craig

GREENPORT—Reeves W. H. & Co.

HAVERSTRAW—Carson & Furman
Springsteen Bros.

HERKIMER—Newport Const. Co.

HORNELL—Dennison Lee
Greenfield Constr. Co.
Spink Wm. H.
Tucker Seth L.

HUDSON—Cruise Thos.
Panigot C. W.
Van de Carr & Stacy
Weaver Bldg. & Supply Co.

HUDSON FALLS—Flood & Van Wirt Co.
Kingsbury Const. Co.

ITHACA—Driscoll Bros. & Co.
Hillick James Co.
Perry Geo. W.
§Sager & Nelson
Spencer & Spencer
§Swartwood C. J.

JAMESTOWN—Benedict & Swanson (Masons & Excavating)
Calahane Jas. P. (Sewer & Conduit)
Chapman & Graham, Inc.
Haas Chas. C.
Jamestown Construction Co.
Lawson J. F.
Lindbeck Chas.
Mahoney Thomas (Paving, Sewer)
Mahoney & Swanson (Bridges, Concrete)
Shellberg & Lawson
§Swanson Chas.
Warren Construction Co.

JOHNSTOWN—Currie Marvin & Son (Mason)
§Hess Jonah
§Howarth G. H. & Son
§Nolan Bros.
§Seaman Jas. & Son
§Simmons P. M.

KINGSTON—Campbell & Dempsey Co. (Public Work & Masonry)
Dederick A. E.
Hunt Bros.
Mauterstock Albert
Osterhoudt P. C. & Co.
Swart Elmer E.

LACKAWANNA—Crosta J. H.
Strack Fred C. (Sewers, etc.)

LANCASTER—Adolf Joseph
Ott Bros. (Paving, etc)
Wendell Michael

NEW YORK—continued
LAWRENCE—Smith John H. Co.
LITTLE FALLS—Berrigan William J.
Hallinan Bros. (General)
McCaghey P. B. Co.
LOCKPORT—§Blackley L. J.
Moon John
Nottleman Wm. J.
O'Brien Andrew M.
Stainthorpe C. N. & Co.
Whitney Harry E. (Concrete)
LYONS—Bramer E. L.
Sherman-Statler Co.
MALONE—§Duffin John
Murtagh P. J.
MEDINA—Lindke John
Sanucci Paola (Mason)
Schuyler J. P.
Soucie A.
MEMPHIS—Paddock Frank E.
MOUNT VERNON—§Barbaresi A. & Son
§Borgwald John (Masons)
§Borgwald Wm.
§Durr Sebastian
Evans S. T.
Guarino Contr. Co. Inc.
§Haag Jacob
Jenks & Plume (Masons)
§Kain Jas. R.
§McCarten A. J.
Nordone Frank
§Robinson Harry J.
§Robinson W. J.
§Sergeant Wm. H. (Mason)
Stolz A. G.
§Tegan Owen J.
Transit Constr. Co.
§Ultcht A. A.
Weldon Geo.
NEWARK—Schuman O. E.
NEWBURGH—Burhans Lewis
Creveing Whitfield
Newburgh Planing Mill Co.
Parrott Wm. (Dock & River)
Theall W. L.
§Todd Jas.
§Tweed & Woodruff
Wilson J. D.
NEW ROCHELLE—Bantel M. (Mason)
Cameron Peter A.
§Doyle John
Ensinger Contr. Co.
§Kirchoff A. G. J.
New F. J.
Peterson Bros.
Pioneer Contr. Co.
§Thompson John N.
§Watson Geo.
Wilks-Casey Engng. & Contr. Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Ajax Drainage Constr. Corp. 60 Herkimer
Amsel Constr. Co. Inc., 927 B'way
Anderson's John D. Sons, 952 Greene av
Armendinger M. & Son, 1153 Myrtle av
Ashfield F. J. (Large, 350 Fulton
Borough Development Co., 186 Remsen
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Kordes Hy. E., 243 Moffat
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§Norton & Gorman (Public Works), 301 Douglas
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§Starret & Goss, 103 Park av
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Webster Fred'k, 220 B'way
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§Wechsler Louis, 1133 B'way
§Weeks D. C. & Son, 1123 B'way
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§Wennemer Construction Co., 103 Park av
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§Whitney Co. (Builders), 101 Park av
§Wills Chas. T. (Inc.), 286 5th av
§Wills George B & Co., 101 Park av
Winternitz Albert, 103 Park av
§Wirsing & Son, 2110 Mohegan av
§Wolins & Bull, 214 Fulton
Woods Lewis H. Constr. Co., Canal & B'way
Wright H. P. & Co., 30 E. 42nd
Wright Garret S. (Mason), 415 W 24th
§Yennie Wm. J. & Co., 45 E 42nd
§Yorkville Contr. Co., 430 E 82d
§Young Walter E., 414 W 41st
Zimmermann Jacob A. & Son (Inc.) (Large), 18 E 41st

Borough of Queens.

FLUSHING—§Cadoo John C. W.
§Haak Wm. A.
Mara P. J. (Docks, etc)
Peace Bros. (Grading, Excavating, etc), 20 Main
§Roberts, Nash & Co., Inc.
Tuohy T. F. & Co., 98 Main
JAMAICA—Bangert Valentine, 34 Orchard
Hoffman Chas.
LONG ISLAND CITY—§Bond Walter J. (Mason), 13 Hallett
§Butler Henry
§Clark & Tunison, 17 Queens
§Clifford Wm. Co. (General), 734 Vernon av
§Couch Wm., Main
§Geiser Jos. & Son, 835 11th av
Just Geo. A. Co., 239 Vernon av
Kelly & Kelly, Inc.
§Sternberg J. & Son
§Thurner Jos. J., 798 Crescent
Touroff & Karp (General), 83 Sunswick
Woodruff C. Curtis & Co., 211 10th
Woodruff John T. & Son, 1 Bridge Plaza
§Zvanovec Frank

Borough of Richmond.

MARINERS HARBOR—Bailey Wm. D. & Son
NEW BRIGHTON—§Babbitt B. B., 4 Hamilton Park
Cahalane Daniel J.
McIntyre Archibald
§Ripley David (Mason)
§Russell W. H. C.
PORT RICHMOND—Conklin Bros. (Docks, etc), 2080 Richmond ter
Donovan John E., 2205 Richmond ter
Hagaman Andrew
Milnes Jno. Co., Richmond av
§Whitford E. K., 1457 Castleton
STAPLETON—§Fish James
McDermott Wm.
Spruck Henry & Son, 304 Broad
Wolff Philip & Son, 17 Wright
TOTTENVILLE—Brown A. C. & Sons
WEST NEW BRIGHTON—Archer Chris.
Carlin Thos. F.
Darcey D. J.
Donovan John F.
Johnson's Joseph Sons
§Hermandsen Hans
Lynch William H.
Vanderbilt Cornelius General Contrg. Co.

(End of New York City)

NIAGARA FALLS—Allen-Smith Co.
Braas Bros. Co.
Brown-Pollard Constr. Co.
Brown & Willie
Douglass A. C. (Shaft Sinking & Tunnel Work)
Finnell John H.
Kilberer F. & Son
Lennan John Son Co.
§Mitchell Wilson Co.
Moyer Chas. & Son
Pitman John
Read-Coddington Engng. Co. (Brick & Asphalt Paving, etc)
Snyder-Gillett Contr. Co.
§Steinbrenner-Fisher Co.
NORTHPORT—§Brush G. W.
NORTH TONAWANDA—King Const. Co.
OGDENSBURG—§Castle C. E. (Mason)
§Feely John (Mason)
Fitzgibbons Jas.
Pooler W. J.
Whalen & Burns
OLEAN—Corsett L. E.
Dean Danford W.
Dugan D. D. & Sons (Paving)
Olean Bridge & Supply Co.
Sheldon J. A.
Taylor B. U. Co.
§Troy Thos.
Wetherell Chester H.
ONEIDA—Avery Geo. F.
§Ballard Wm. M.
Marcellus Geo. A.
OSSINING—§Carpenter Daniel
§Cuatt Wm.
§Emmitt Albert
§Valentine Eli
OSWEGO—§Henrick John
Paine A. & Son (Carpenters)
Raby Peter Contr. Co.
PLATTSBURG—Cook Geo.
Fitzpatrick J. J. & Sons
La Marche & Brault
§Pennington Alfred
PORT CHESTER—Daly & Merritt
Kennedy L. J. & Sons
Mertz F. C.
Mertz's Geo. Sons
Murry Frank E
PORT JERVIS—§Goble Floyd S.
Post G. A.
Raymond F. B.

PORT RICHMOND—(See New York City, Borough of Richmond)
PORT WASHINGTON—Allen Norman O.
§Henderson Edwin
Mitchell John W.
POUGHKEEPSIE—§Carter Fred N.
§Davis Lewis T.
Falkhill Constr. Co., Inc.
Irving & Ackert
§Keating John S.
Kingston & Campbell
§Madsen & Wistoft Construction Co.
§Monfort W. J.
Rouse Const. Co.
§Shover Eugene F.
Slater Jas. H. & Son
§Smith S. R. (Mason)
Van Aken Geo. J.
RIPLEY—§Bryant J. E.
ROCHESTER—Alexander Shumway & Utz Co., 16 State (Building)
Barnard Houston
Brotsch F. V. Co. (Street & Sewer)
*Chambers Geo. (Sewer, Paving, Masonry, Water Works, Roads), Powers bldg
Chambers & Barnes
Curran-Swartout Co., Inc., Granite bldg (Building)
§Enders P. & Son
Foery & Kastner (Street)
Friederich A. & Sons
Fuller Wm. (Sewer & Street), 83 Adams
Garrison G. B. (Mason)
Gleason Frederick
§Gorsline & Swan Const. Co.
Greece Construction Co.
Hagaman F. L. Co.
Hoffman C. J. & Sons
Holahan Thos. (Street), 164 Lewis
§Hopeman A. W. & Sons Co.
Knapp Homer (Building, etc)
Link Anthony Sons, 654 South av
Ludington Ira M. Sons, Powers bldg
Luther Jno. & Sons, 176 North
§Pike John B.
Rapp F. H.
Ripton M. H. (Street, Sewer, etc.)
Rochester Brick & Tile Mfg. Co., Powers bldg (Brick)
Rossell Geo. C., Triangle bldg
§Salter Thos., 118 Front av
§Sauer F. J.
§Sauer Henry G.
§Sickels H. P. Co.
§Stewart J. L.
Strauchen Ed. (Mason)
Summerhays Wm. & Son (Mason)
Voshall-Percy Constr. Co., C. of C bldg
Whitmore, Rauber & Vicinus (Sewer, Street, Roads, etc)
ROME—§Cary Lawrence
§Perry & Jones
Smith, Grant & Co. & Locher
Zingerline Bros.
SARATOGA SPRINGS—§Case W. J. & Son
§Crocker Harry
Dunn Thos.
§Fitzgerald J. P.
Gaffney B. & Sons (Masonry)
§Ledlie David B. & Son
Parmenter C. R.
§Robertson Wm. S.
SAYVILLE—§Bason Wm. & Son
Strong Nelson
SCHENECTADY—Beckwith Bros.
§Bennett D. & Son (Masons)
Brown & Lowe Co.
Connors J. C. Co. (Paving)
Cook & Ripley
Guthrie Keith O.
§Hannigan John C.
§Hanrahan Thomas M. & Co.
Jeffers J. Allen
Jeffers Lewis
Kellam & Shaffer Co.
§Kinum Henry
La Grange A.
Lewis & Burroughs Co.
McDermott Jno. Co. (Building & Public)
Molony's James Sons, Inc.
Schenectady Contr. Co.
Taylor F. K.
Wellman Walter
Winstone Geo. C. & Son
SILVER CREEK—Kofoed Aug.
Messina D. A.
STAPLETON—(See New York City, Borough of Richmond)
SYRACUSE—†Archbold-Brady Co. (Power & Lighting Equipment, Bridge, etc.)
Barlow Bros., 614 Fellows av
Bonn Sam (Sewers, etc)
§Brown Chas. R.
Burns W. J. Co.
Caswell Constr. Co., Inc., 428 S Salina
Central City Paving Co., Union bldg (Pavers)
§Dawson Bros.
§Delmonico Bros. Co.
*Dickison Guy B. (R. R., etc), Union bldg
Dollard Const. Co.
Dwyer Wm. J., City Bank bldg
Eagle Paving Co. (Cement), Rosenbloom bldg
Elliott T. Albert, 625 Onondaga av
§Fenno Ed. K., Esnblm bldg
Funda Henry, 201 Edison
§Gee John W. & Son
§Hemmer Michael, 215 Sunset av
Hendrickson-McCabe Constr. Co., O. C. S. Bank bldg
Hookway C. T. Constr. Co., The, Bastable
Hueber Bros.
Kelley John (Grading), S Sal. & Brighton av
Kimmey Frank M., 1007 W Onondaga
Lewis Geo. A., 1115 Midland av
Lowery Bros., 1631 S. Salina
McHale T. H. & Son
McLaughlin & Burchill, Bastable blk
Marnell Nicholas
Mondo Constr. Co., Inc., City Bank bldg
§Murphy David
O'Brien Const. Co.
§O'Connor Bros.
§Sherlock John J., 206 Canal
§Sherlock Wm. Mfg. & Bldg. Co., 411 Canal
Spicer James S., 246 W Brighton av
Steele Wm. M., 248 Gertrude (Mason)
Sullivan C. J. (Sewer, etc), 252 N Salina
Swift James (Sewer), 522 S Hudson
Taylor J. D. Constr. Corp., 115 S Salina
*Weidman John H., Union bldg
Young John (Excavating), Bastable blk
TARRYTOWN—Blouin Alfred
TROY—Bergman Andrew
Boland C. P. & Co., 30 4th
Brady & Fitzpatrick
§Campbell Wm.
Campbell & Wall
§Collins Chas. & Sons
§Crowley Chas. Co. (Not Inc)
Di Novo Frank
Dollard James Co.
§Ellis Jno. E.
Hammill Wm. S. Co.
Jackson M. J. & Son Co.
Karr Thos. H. (Roads, etc)
§Martin Wm. E. Co.
Murray Martin & Co. (Roads, etc)
Nial Bros. Const. Co.
Soutar & Ritchie
Spence George Jr.
Stone Bros.
UTICA—Alto Construction Co.
Beebe H. R.
§Byrnes Thos. F. (Mason)
Eastover Constr. Co., 122 N. Genesee
§Gassner A. & Son
Griffiths & Pierce
Hughes John F. Constr. Co., 211 Post (Masons)
§Kassing Henry (Mason)
Kerner P. & Sons
§Lancaster Harry (Mason)
§Lloyd Richard G. Co.
Peters Nicholas D. & Co. (Paving, etc), 301 Kossuth av
Richards R. & Son Co., 246 Elizabeth
Roberts H. W. & Co.
Shippey Geo. W. (Mason)
Thomas & Hughes
Troy Public Works Co. (Public Work), Utica City Nat Bk bldg
Warren Bros. Co., Mayro bldg. (Paving)
WATERTOWN—Burns Bros. & Haley
Charlebois Bros.
Hayes Norman B.
Hydraulic Constructing
O'Brien Thos.
Richards, Stockwell & Richards
Semper W. J.
WATERVLIET—Irving Newell Const. Co.
Lavallee Theophile
Lennon Adelbert J.
Young James T.
WEST NEW BRIGHTON—(See New York City, Borough of Richmond)
WHITE PLAINS—Briante Constr. Co., Inc.
Englis Geo. H.
McCabe W. F. Contr. Co. (Roads, etc)
O'Rourke John
Smith's S. W. Son
Thompson & Alextnder
§Westchester Engineering Co.
White Plains Contr. Co.
YONKERS—Austin Frank W.
§Bruce Alex. (Mason)
Dawson Alex. A.
Flannery P. J. & Son
Garnjost Const. Co.
Garnjost F. A.
§Gower Fielding
Grady T.
Gross Fred E. & Son, Inc.
Hart James J. Constr. Co.
§Hoyt & Miles
§Jamieson Ninian, Inc.
§Johnson Louis Building Co.
Kelly Geo. T. (Mason)
§Kingsley & Maxwell
Lynch & Larkin
§Mackay Keneth & Co.
Mangini Nicholas
Mee F. B.
Pyne Thos.
§Quick S. F. & Son
Rundle Geo.
Scott Oliver (Mason)
§Sherwood J. F.
§Soetemon Bros.
§Voss John M.
§Wales Charles A. (Corp.)
Yonkers Builders' Supply Co.

NORTH CAROLINA.

ASHEVILLE—Asheville Const. Co.
Asheville Dray, Fuel & Const. Co.
CHARLOTTE—Blythe & Isenhour
Charlotte Consolidated Const. Co.
Charlotte Paving Co. (Paving)
Ely Constr. Co. (Paving)
Jones J. A.
Porter & Boyd
Thompson T. C. & Bros.
Tucker & Laxton
DURHAM—Christan Const. Co.
Christian T. S.
Lawrence I. G.
Salmon J. T.
Stanley J. B.
Underwood N.
GREENSBORO—Brooks & Hunt
Crouse J. L.
Hunt J. T. & Co.
Thompson & Moseley (Dredging)
LEXINGTON—Cecil D. K.
§Ward E. M.
RALEIGH—Barrow W. B.
Moser M. A.
Raleigh Concrete Constr. Co.
York C. V.
WILMINGTON—Brady R. H.
Moore & Abeel
Schad Jos.
Wallace & Osterman
WINSTON SALEM—Fogle Bros. Co.

NORTH DAKOTA.

FARGO—Aiken Constr. Co.
Anderson-Vance Co.
Bowers Bros.
Great Northern Fuel & Constr. Co.
Hogan Andrew S.
Jardine & Anderson (Bridge)
Johnson Constr. Co.
Kennedy James (Sewer, etc)
Porritt Chas. H. (Sewer & Public)
Powers Thos. F. & Co.
Wilson Stewart
GRAND FORKS—Buckingham, Geo. W.
Dakota Constr. Co.
Dinnie J. A. Co.
§Eikhoff John
§Hunter K. C.
Melby & Standal
Northern Const. Co.
Robinson & Ward.
JAMESTOWN—§Schmitt W. M.
§Schroeder John

OHIO.

ADA—Tressel Jas. G.
ADENA—Stringer A. E.
AKRON—§Carmichael Const. Co.
Crisp John & Sons Co.
§Davidson J. M.
Franklin Bros. (Excavating, etc)
Harbaugh Constr. Co.
McShaffrey E. & Son
§Patterson Building Co.
Watters Chas. H. (Sewerage)

OHIO—continued
ALLIANCE—§Boone Robert M.
Devine J. C. Co. (Paving & Railroads)
Miller John W. & Son
Scranton C. O. Co.
Wilson John
ARCANUM—§Bowers Chas.
BARBERTON—*Paul & Henry Const. Co. (Steam Shovel & Municipal Work, etc)
BARNESVILLE—Wilson C. E. & Son
BELLAIRE—§Jones John W.
§McGraw John H. & Sons
§Rosser Chas.
§Rosser & Maloney
BELLEFONTAINE—Filson A. R. & Son
Shawver John L.
BOLIVAR—Daley Bros. Cons. Co. (Concrete Works)
BRADFORD—Houdeshell & Stover (Concrete)
BRYAN—Kelly Cons. Co.
CAMBRIDGE—Duffy Bros. Contr. Co.
Gibson Porter E.
Hanna F. C.
CANTON—§Berdel J. G.
§Bowen C. E.
Burd Constr. Co.
§De Vault James
Downs Frank A. Construction Co. (Paving, etc.)
Dunbar John D. (Mason)
§Goodman W. W.
§Huff K. E.
Kelly W. D. Co.
Kilgore L. W.
Kumpf C. R.
Landor Edward J.
Melbourne Bros. Co.
Shoof Austin H. (Mason)
§Van Kirk J. L. & Son
§Walter John W.
§Whike George H. & Sons
§Zettler Building Co.
CHEVIOT—Bentel & Hyland
CHICAGO JUNCTION—Andrews S. P.
Williams W. A.
CINCINNATI—§Acomb-Keller Bldg. Co., Merc. Lib. bldg.
Amer. Bridge Co. (Bridges), Union Tr bldg
§Barr W. B. Co., 805 Broadway
Beese Chas. & Son (Mason), Queen City av, W of Boudinot
§Bell A. W., 1670 Bruce av
§Biecker Jos. H., First Nat. Bk. bldg
Botwin & Tunick, 1252 Lick Run
Brackett Const. Co., 1st Nat. Bk. bldg
§Bueche Frank & Co., 13 Lippincott
§Cash R. E., Lincoln Inn Court
Consolidated Engng. & Constr. Co., 622 E McMillan W. H.
§Cordes F. H. Bldg. Co., Union Trust
Cotteral Bldg. Co., 614 Race
Cranford Const. Co. (Concrete), Gerke bldg
Crumley, Jones & Crumley Co., 536 Findlay
§De Lacroix Louis, 2826 Vine
Denholm & Co. (Concrete), 622 E McMillan
§Diehl F. F., 3539 Shaw av
Dugan M. Concrete Co., Builders & Traders Exc.
Eid L. Concrete Steel Co., 1206 Liberty
Evans Evan (Sewer, etc), 1226 Ida
Equity Equipment Co., 1434 Main
§Farrell Patrick, 2nd Nat Bank bldg
Ferro Concrete Const. Co., Richmond & Harriet
Fisher Devore Const. Co. (Masonry), Builders Exc.
Folz Frank W. & Co. (Paving, Sewer & Public), Dayton & Freeman av
§Francisco Geo. M., 3639 Stettinius av
Fuerst Robt. (Brick), 2704 Vine
*Gest G. M. (General), Union Trust bldg
Gier F. B. & Co. (Cement & Paving), 517 Riddle rd
Glandorf C. H. (Pile Driver & Public), 8th & Plum
Goodman John, 2133 Florence av
§Griffith Jas. & Sons Co., Reading rd & E 12th
Gubser Bros. (Cement), 2nd & Saratoga
Hallerman G., Schneller av, Price Hill
Hanlon Contracting Co., Gerke bldg
Harig Henry & Co., 31 E 4th
Hazen H. C. Contr. Co., 2070 Reading rd
Henkel & Sullivan, Mercantile Library bldg
§Hirschfields Theo. Sons Co., 1036 Straight
Huber Jacob & Co. (Cement), 4332 Tower av
Hummel David Bldg. Co. (Masonry, etc), 2629 Spring Grove av
Irving E. A. (Cement), 3821 Spring Grove av
§Jewell & Jewell, Prov. Bk. bldg
Kirchner Const. Co. (General), 221 W 9th
Leibold Gott Bldg. Co., The, 134 E 4th
§Leimann Wm. & Bro., 2303 Clifton
Leonard B. A. (Cement), 4170 Mad Anthony
McCabe Constr. Co. (Brick), 1758 Central av
McCarthy Michael J., 2910 Woodburn av
§McCaul Chas. Co., Court & Main
McJoynt James (Concrete), 4140 Floral av
McLennan Bros., Pickering bldg
McMiller & Taft, Hulbert blk
Marcus M. Bldg. Co., 2023 Reading rd
§Meinken Detrich, 2126 Western av
§Miller John, Builders & Traders Exc.
Murdock Geo., 2531 Melrose av
Ohio Bldg. & Const. Co., 1434 Main
§Owens M. R., 308 Longworth
Pachoud Bros., 1034 Kenner
Payne Bldg. Co., 8th & Plume
Peters G. A., Realty Co., The, Mercantile bldg
Plump G. H. & Sons, 1415 Mansfield
Porter John S. & Co. (Cement & Concrete), 3711 Coleraine av
Quill M. F., Provident Bank bldg
Robinson O. E. & Son (Genl.), 4647 Hamilton av
Roche-Bruner Bldg. Co., Johnston bldg
Roche M. J. Const. Co., Johnston bldg
Roos Bros., 2824 Stanton av, W. H.
Rosenstiel Chas. & Son, 606 Reading rd
Ruebel Jno. Const. Co. (Street), 1876 Hanfield, N S
§Schmitt J. B., 610 Sycamore
Seyfried E. A., 3702 Cass av & Cum.
Snyder J., 4436 Forest av
§Stevens J. R. Co., Odd Fellows Temple
Strack T. P. (Street & Sewer), Goodall bldg
Sullivan M. & Sons Constr. Co., 2330 Beresford av
CLEVELAND—Alexander Bros., E 22nd & Prospect av
Allen Jas. T. Contr. Co., 8106 Quincy av
American Concrete Filler Co., Hippodrome Annex
*American Const. Co. (Heavy Masonry), Rockefeller bldg
American Paving & Constr. Co., The, Marshall bldg (Cement & Concrete)
Anders Const. Co., Rockefeller bldg
Andrews Bros., B. of L. E. bldg
Austin Co., 14230 Euclid av
Baker-Dunbar-Allen Co., Citizens bldg
Baldwin Bros. (Paving, Sewer, Water Works, etc), Rose bldg
Berry Bros., Garfield bldg.
Boldt-Low Const. Co., Swetland bldg
Bolton-Pratt Co., Columbia bldg
Brown P. J. Const. Co. (Masons), Rockefeller bldg
Builders Lumber & Supply Co., The, W 73d & Denison (Carp)
Burnett Rollin P. (Paving & Sewer), Society for Savings bldg
Carey J. D. Co., Citizens bldg
Carson C. A. Co., 6408 Euclid av
Cavanaugh-Linn Co. (Paving), Citizens bldg
Central Dredging Co., Swetland bldg
Christian J. E. & Co., 1119 Superior av N E
Citizens Home Bldg. Co., Citizens bldg
City Paving & Const. Co., 2064 W 13th pl
*†Cleveland Construction Co., Citizens bldg
Cleveland Engng. Constr. Co. (Cement & Concrete), The Arcade
Cleveland Trinidad Paving Co., 3409 Trumbull
Connelly J. Const. Co. (Reinforced Concrete, Masonry, etc), Leader-News bldg
Crowell-Lundorff-Little Co. (Concrete) 1951 E 57th
*Culbertson H. E. Co., Citizens bldg
Curry-Wagner Const. Co., 1900 Euclid av
Dall Wm., 1276 W 3rd N W
Dautel L. & Son Co. (General), 5710 Hough av, N E
Davis J. C., Garfield bldg
de Hammel Const. Co., Swetland bldg
§Dolinsky Bros.
Drummond-Miller Co., Electric bldg
Duff James Const. Co., Marshall bldg
Dunbar Wm. Co., Fairfax rd & Lamberton dr
Egan Thos. P. (Sewer), Coxtan bldg
§Elworthy-Helwick Co., Wimson bldg
Emerson Sam'l W. Co. (Concrete), ft. of Addison rd
Enterprise Paving & Const. Co., 8444 Bway S E
Fath Construction Co. (Tunnels, Masonry), 5103 Euclid av
Feaga Gaylord W., Citizens bldg
§Ferguson-Flanigan Co., Vickers bldg
Fuller Geo. A. Co., Swetland bldg
*Galvin A. J., Lennox bldg
§Gill Jno. & Sons Co., Citizens' bldg
Gloyd James R. Co., Hipp-Annex bldg
Grant Jno. & Son, 4500 Euclid av
Graves E. M. (Public Works), Swetland bldg
Great Lakes Dredge & Dock Co. (River & Harbor, Bridges, Foundations, etc), Williamson bldg
Griffin C. N. Co., 3111 Carnegie av, S E
Harris Herman A., 5001 Lexington av N. E. (Carp)
Hayman & Stegkamper, 3250 Euclid av
Hunkin-Conkey Const. Co. (Breakwaters, Piers, Buildings, etc), Cuyahoga bldg
Hyde W. F. Co., 1008 Scoville av
Lanese Co., Guardian bldg
Libby J. H. Co. (Concrete), 4500 Euclid av
§McAllister W. B. Co., 2165 E 31st
McMillan Co., 1794 E 55th
Manson Co. (Sewer), The Arcade
§Mark F. W. Constr. Co., Leader News bldg
Masters & Mullen Const. Co. (Concrete Fireproofing, Bridges, etc), Electric bldg
§Minnick-Gibbons Co., 5309 Prospect av
Moore Wm. Co., 1278 W 4th N W
National Concrete Fireproofing Co., Lorain & Fulton
National Foundation & Engng. Co., Citizens bldg
Pace Bros. (Paving), Engineers bldg
Paul Bros. Co., Citizens' bldg
Raymond Concrete Pile Co., (Cement & Concrete), 1836 Euclid av
Reaugh Const. Co. (Reinforced Concrete, Masonry, Foundations, etc), 2835 E 51st
Rieley Bros. (Paving), 348 Arcade
Robinson Contracting Co., Wade bldg
§Rutherford Geo. A. Co., 2160 E 18th
§Skeel Bros. Co., 8311 Euclid av
Slatmyer Henry G. & Son Constr. Co., 203 Lakeside av, N W
Smith J. Wentworth (Mason), 10585 Quincy av
Spence Bros. (Masons), 12960 Euclid av
*Strong C. H. & Son (Steam Shovel, Bridge Masonry, Docks, etc), Swetland bldg
§Stuart James L., Illinois bldg
Tausch Wm. F. (General), Williamson bldg
Thompson Walter I. & Son Co., 6110 Euclid av
Uhl-Jaster Co., 1900 Euclid av
Vanderwerf Co., 1738 E 23d
Ward Bros. (Grading), 9338 Hough Ct
Watterson Henry, 4500 Euclid av
Watterson H. A. & Son, Citizens bldg
§Webber Co., 1609 W 25th
Wells James H., East Clark School, E 146th
Williams & Little Co., 2046 E 88th
Younger & Farmer Co., 1670 Crawford rd
COLLEGE CORNER—§Stephens & Stewart
COLUMBUS—*Adams J. T., Columbus Saving & Trust bldg
Burns A. W. & Co., 55 E State
†Capitol Const. Co. (Concrete Const.), Ruggery bldg
Columbus Macadam Co., 319 Dublin av
Cullen & Vaughn Co., 8 E Broad
Elford Edw., 103 N 3rd
Evans R. H. & Co., Columbus Savings & Trust bldg
§Ewers Bros., 189 W Broad
Federal Constr. Co., Hartman bldg
Fenimore Edw. C., 8 E Broad
Fitzpatrick & Hoepfner, 63 Gay

Fritz-Rumer-Cooke-Grant Co., Interurban Sta.
Herschler L. C., Schultz bldg
§Jamison W. L., 42 W Town
Latham Edgar H., Columbus Savings & Trust Co.
McGrath Daniel W. (Sewer & Masonry), New First Nat Bk bldg
Middle States Const. Co., 524 Hudson
Ohio Realty & Const. Co., 8 E Broad
Standard Paving Co., 685 S Ohio av
State Constr. Co., 131 E State
*Sturm L. E., New 1st National Bank bldg
Sullivan D E & Son, Interurban Terminal bldg

CONNEAUT—Horton Fred L.
COSHOCTON—Henderson Bros.
Richardson H.
Shaw John L.
Tish W. S.

DAYTON—Blanchard Building Co., 601 Reibold bldg
Boren John W. & Sons Co., Louie & Columbia
Boyd & Cook, Reibold bldg
Davis-Hunt Constr. The, Main bet. 1st & 2nd
Dayton Steel Const. Co., Howell & Wilbur
§Engle & Gohn, 50 Callahan Bk. bldg
Finke Engng. Co., 1533 Germantown
Geiger J. I.
Hodgson G. C. & Co., Reibold bldg
Hosket Chas. F. (Brick), 662 E Richard
Kempert A. F. (Brick), 245 S Morton av
Kernan W. J. & Co. (Paving), 425 S Cincinnati
McReynolds Robert, 254 4th St. Arcade
Ritchie-Wertz Co., Wistaria av
§Rouzer John Co., 71 Wyandot
§Shartzer G. H. Co., 1832 S Ludlow
§Structural Concrete Co.
Swank Engng. Co., Conover bldg
Talbott H. E. Co. (Heavy Masonry, Concrete work, etc), City Natl. Bk. bldg
Wehner Jos., 119 Zeigler
Wroe John, Riebold bldg
Yount & Jackson Co., 325 N Summit

DELAWARE—Dent J. H.
Lambert Bros. & Wirt (Paving)
McDonald Jas.

EAST LIVERPOOL—Chester General Contracting Co.
Gamble & Bryan (Brick)
§Nease C Lumber Co.
Rinehart Bros.

ELYRIA—§Beck Henry
Elyria Constr. Co.
Halpin John B. Co.
§Hewett Jas. A.
Kaiser John & Bros. Co.

FINDLAY—Folk Bros.
Hall Harry J. & Son (Paving)
Horn Geo. J.

FOREST—Forest Construction Co. (Road)
FREMONT—§Wolfe C. M.
GERMANTOWN—Gunckel Frank

HAMILTON—Andrews Asphalt Paving Co. (Paving, etc.)
Cullen & Vaughn Co., 450 Dayton
Hamilton Constr. Co.

HAZLEWOOD—Jones Bros.
IRONTON—Scherer & Mountain
Wileman & Helbling

LANCASTER—Van Gundy J. D.
LEBANON—Monroe & Johnson

LIMA—Heil Valentine
Lathrop C. S.
Midland Constr. Co.
Smith & Sherrick

LISBON—McLane & Hepburn

LONDON—Carter & Foster (General)
§Iliff Bros.
§Neville Jerry

LORAIN—Burgett L. A. & Co.
Glick & Weitzel
Jackson M. L.
Kipp John
§Kratt & Agnew
Leighton A. J.
Ohio Engng. Co.
Pierce F. W.
Stauder N. B.

LYKENS—Harer G. V.

MANSFIELD—Berry Chas. V.
Cotter Transfer & Storage Co. (Excavating, etc)
Gettings Bros.
Herring G. B. & Son (Paving)
Hursh Jos.
§Kallmerten & Baer
Small Simson & Sons Co.
Wildeson L. & Son

MARIETTA—Cisler & Moose
Cowell Levi
Dickinson & Hockenberry
Foreman & Putnam

MARION—Baldauf John
Blockson Bros. Constr. Co.
Brady A. J. (Paving, etc.)
Drake P. & Sons (Road)
Hofstetter & Dawson (Paving, etc)
Kinsler John & Son (Concrete, etc)
Kohberger & Hoyles (Sewer)
Leffler & Bland

MARTINS FERRY—Clifford Geo. B.
Dixon & Dixon

MASSILLON—Converse Emil P.
Dieffenbacher P & Sons
Knobloch & Kapper (Excavating)
Meinhart John & Son (Street & Public)
Stoner F. L.
Swanson Bros. (Large)
Vogt W. & Sons (Street & Public)
Wendling A. F. Co.

MIDDLETOWN — Arpp, Simpson Co. (Sewer)
Caldwell & Iseminger Co.
Dome Geo.

MINERVA—Bowden Geo. M.
Cox E. D.
Hart S. W. & Son

MOUNT VERNON—Anderson R. C.

NEWARK—Jones Ben B.
Phillips P. S.
†Taylor David J.
Wagenheim J. M. & Son
Wilson Contracting Co.

NEW COMERSTOWN—Brode W. M. Co.

NEW PHILADELPHIA—Gatchett A. & Son
Hensel Samuel
New Philadelphia Constr. Co.
Slasor & Gintz
Springer & Rogers

NORWALK—Kinney A. C.
Parker John
Parker Wm.
Scott G E

OXFORD—Cramer & Johnson
Lloyd T. C.

PIQUA—Anderson J. H. & C. P.
§Fry A. M.
§Speelman Edward

PORTSMOUTH—Bradley & Co.
Cullum W. J. Co.
Donaldson W. W.
Kaps Bros. (Heavy Masonry, etc)
Kelly Bros. (Paving, etc)
Monroe Sam'l & Son Co.
Portsmouth Constr. Co.

SANDUSKY—Doerzbach G. W. & Bros.
Feick Geo. & Sons
Feick John A.
Peterson & Hiss Co.
Reinke Gust.
Walsh Bros. & Schurr
Ziemke Bros. (Mason)

SIDNEY—Ruese E. F.

SPRINGFIELD—§Bush W. R.
Caffrey Patrick
Crawford J. L.
McHugh Bros.
§Poole Wm.
§Poss J. A.
Roberts Bros.
Russell M. C. (Cement)
Ryan Edw. (Paving & Public), 101 Clifton
Wren Thos. E. & Co. (Cement).

STEUBENVILLE—§Coyne Jas. A.
Floto Bros. Const. Co.
Hiland Contract & Lumber Co.
McDonald Andrew W.
McFeely Bros.
Martin E. E.

TIFFIN—Baumgardner Concrete Products Co.

TOLEDO—§Bentley A. & Sons (Bldrs., etc)
*Bick Jacob N. (Trestles, Foundations & R. R.), The Nasby
Bodette Edw. (Dredging ,etc.), 704 Boalt
Breyman G. H. & Bros. (Sewer, Dredging, etc,), Marine bldg
*Carland J. C. & Co. (& Public Works) Spitzen bldg
Chambers B. W., 737 S St. Clair
De Vore-McGormley Co. (Engr. & Cont.)
Doan A. M., 318 Huron
Gettins-Kopitke Co., Mesenger bldg,
Gilmore Bros. (Harbor)
Hales James, 1431 Milburn
Hattersley Const. Co., Spitzer bldg
§Herman F. J.
Hummell Wm. W.
Hummel & Hillebrand (Cement Work)
Jacobs Jacob J.
Knopp Bros. Co.
Manor Jos. J. (Excavating, Grading, etc.), 1317 Ewing
Mehring & Kline Co., Spitzer bldg
O'Sullivan M. F. (Paving), 145 Oak
§Pfaender Bros.
Ploch John Co., 333 Erie
Power Equipment Co. (Power Plants)
Prentice Wm. H., 360 W Central av
Rabbitt Michael & Sons Co., 115 Nasby
Ramseyer M. S. Co., Spitzer bldg
Russell & Jennison Co., 2463 B'way
Schillinger Bros Co. (Asphalt & Concrete Pavements & Const.), 215 City Park av
Sheehan Henry & Son (Sewer), 1208 Collingswood
Spear, Moylan & Lasley
Spieker Henry J. Co., Elm & Utica
Streicher H. P. Co., Terminal bldg
Thacher A. Q. Contr. Co. (Dredging, Submarine Work of All Kinds, Heavy Masonry, etc), 6 Jefferson av
§Voss E. H., 339 Huron
Wynkoop-McGormley Co. (Bridge), Ohio bldg

TORONTO—Candoo & Grizzelli
Cooper W. S. & Co.
Johnston Guy Contr. Co.
Redhead F. A.

TROY—Hennessey J. M. & Bro. (Sewer, Excavating Roads, etc)
§Smith M. Z.

VAN WERT—Ireland C. L.

WELLSVILLE—Forbes & Smith
Patterson Geo. B. (Paving)

XENIA—Wilson Engng. & Contr. Co.

YOUNGSTOWN—Adovasio Louis & Co.
Atlas Construction Co. (Cement)
Bates Chas. W.
Black W. H. & Son (Paving)
Bode Geo. (Paving)
Campbell Bros. Co.
Chambers J. B. (Concrete)
Clark M. F. (Paving)
Clemons L. J.
Connelly M. P. & Son (Paving)
Constable Robt. S.
De Jute James (Paving)
Ellenberger Henry C
Fiehler Aug. D.
Grein George
Grube E. A. (Cement)
Harris C. F.
§Hawk Otis E. & Co.
Heller Bros. Co., Richard Garlick Logan av
Hess Geo. F. & Son
Hohlock J. F.
Home Building & Financing Co.
Hopkins Bros.
Hunter Const. Co.
Jones Virgie E.
Kane Ed. J.
Kennedy Bros.
King Robert
Logan A. F. & Co.
Lynn Elliott C.
McCaslin James R.
Mariner Frank W.
Mattison A. S.
Miller Brothers
Miller Theo. F.
Niedermeier Henry
Palmer W. H. Co.
Parish Bros. (Brick & Concrete)
Pierce C. Berlin
Quigley & Meeker, 19 Yo & Sharon
Ramm Wm. J. (Cement)
Schmidt Phillip
Security Construction Co.
Seitz L. T.
Serafino Andrew (Paving)
Siefert J. A.
Skoog Gus
Stonerook Howard D.
Turner Contracting Co. (Paving)
Wiles H. A.
Youngstown Const. Co.

ZANESVILLE—Adams Bros. Contr. Co.
Adams Bros. Contr. Co.
Clifton Bros.
Davis Millberry
Denny Bros.
Dunzeiler Constr. Co.
*Gregg & Pletcher (R R & Road)
Handshy Wm. C. & Son
Henke D. E. & Co.
Lewis & Dick
McMaster L. W.

OHIO—Zanesville—continued
Mast Emanuel
•Muskingum Contr. Co.
Swingle J. A. Contr. Co.
Taylor & Linn
Townsend F. M. (Railroad & Masonry)

OKLAHOMA.

ELRENO—Ellsworth J. E.
Ellsworth J. E.
McALESTER—Deibler George H.
MUSKOGEE—Manhattan Construction Co.
OKLAHOMA—Anderson T. R. (Bridges, etc)
Barnes E. A. (Paving)
Campbell & Price
Gross Construction Co.
Lee L. F. Constr. Co.
Lisle-Dunning Const. Co.
•Maney Bros. (R R, etc)
Municipal Engineering & Constr. Co.
Reinhart & Donovan
Western Paving Co.
SHAWNEE—§Carr G. P.

OREGON.

ALBANY—Snell R. D.
ASTORIA—Astoria Constr. Co.
Houston C. L.
Lebeck Leander
Palmberg & Mattson Co.
EUGENE—Heckart W. O.
PENDLETON—Gibson & Cole
PORTLAND—Allyn & Quinn, E 50th & 56th ave, S. E.
Andrus & Bode, Lewis bldg
Bentley & Andrews, E 11th & Irving
Berry A. C. U., Selling bldg
Bingham-McClelland Co., Pittock blk.
§Bowman F. E. & Co., 272 Stark
•Campbell & Hartman
§Carlson Victor J., 445 Vancouver
Coast Bridge Co., Ft. of E Main
Cochran, T. H. & Son, 415 S. Hays
§Columbia Contract Co., E Water & Main
Columbia Digger Co. (Excavating), 180 Burnside
Cook C. J. Co., 124 N 12th
•Copenhagen Bros.
Cowlitz Bridge Co., 50 1st
Dennis V. R. Constr. Co., Lewis bldg
§Dinwiddie Construction Co., Yeon bldg
Dougan J. M. Co., Ry. Exch. bldg
Elliott Contracting Co. (Sewer), McKay bldg
•Fortin-Chambers Co., Ry Exchange bldg
Friberg-McLennan Co., Oregonian bldg
Giebisch & Joplin (Grading, etc), Rothchild bldg
Gordon G. W., 166 11th
§Guthrie A. & Co., Pittock blk
Hallock Building Co.
§Horn A. W.
Horn L. D.
§Hurley-Mason Co. (Building, etc), Worcester bldg
•Interstate Contract Co., 180 Burnside
Jacobsen Construction Co. (Piling & Bridge), McKay bldg
Jacobsen-Jenson Co.
Johnson & Lindstrom Co., Commercial bldg
Joplin & Meeks (Grading), 33d & Halsey
Killgreen Bldg. & Investment Co., Lewis bldg
§Klant & Miner
§Kratz C. F.
Leonard F. J., Lewis bldg
Lind Wm., Henry bldg
Litherland & Abrey Co., Beck bldg
McAllister & Son Const. Co., Lewis bldg
Meyer A. C.
Miller & Bauer (Cement), Panama bldg
Montague O'Reilly Co., Blake-McFall bldg
Muir Thos., North Coast Contract Co.
Pacific Bridge Co., ft. of E Salamon
Palmer-Ellison Construction Co., Henry bldg
Parker & Banfield, Columbia bldg
§Peters I. A., N. W. Bank bldg
§Pippy & Weld
•Porter Bros., Ry. Exchange bldg
§Portland Bridge & Bldg. Co.
Portland Bridge Co., Yeon bldg
Rasmussen-Grace Co., Bates Dock bldg
Ryan Contracting Co.
Seed J. S. Builders Exchange, Worcester bldg
St. Helens Quarry Co., McFall bldg
Smith & Dodge
§Stebinger Bros., 626 B'way
§Stokes, Zeller Co.
Sweeney J. W. Construction Co.
§Taylor Jas. P., Macleay bldg
•Twohy Bros. Co., 219 E 60th
United Contracting Co., North Western Bk. bldg
§Walker W. D., Abington bldg
Warren Construction Co., Journal bldg
Winters J. S., Couch bldg
SALEM—Erixson Fred. A.
Salem Const. Co.
Siewert & Engstrom
§Snook & Traver
Van Patten C.

PENNSYLVANIA.

AKRON—Miller L. Z.
ALLEGHENY—(See Pittsburg)
ALLENTOWN—Albright A. A. & Son
Allentown Constr. Co.
Butterweck H. A.
Butz & Clader
Daubenspeck Chas. B.
Fuller Engineering Co. (Cement)
§Gangewere Wm. H. & Co. (General)
Gery & Peters
§Hardner Geo. H. (Sewer, etc.)
Hoch Oscar S. (Masonry, Excavating, etc)
Moyer Tilghman H.
Nagle Jacob A.
§Ochs Const. Co. (General)
Weaver Contr. Co. (Concrete, etc.)
Wieder L. A. & Sons
ALTOONA—Altoona Brick Co. (Brick)
Altoona Concrete Cons. & Supply Co.
Altoona Construction Co.
Fickes H. & Son
Finn P. W. & Son
Fluke J. B. & Son
Hersh A. J.
Hinkle H. G. (Inc.)
Hughes Clifton D.
Ivory J. C.
Laughlin W. F. & Son
Mackey Leroy B.
Orner J. W.
Orr J. C. & Son
Standard Contracting Co.
Vipond John S.
Zimmers Geo. A.
AMBLER—Bartleson Jas. A.
Heckler Leidy B.
Kemmerer C. J.
ARDMORE—Fraser H. A. & D. M.
§Haws Samuel R. & Sons
§Mahan Frank H.
ASHLAND—Leibig Chas. P.
AVOCA—Dommermuth M.
O'Brien Bros.
Widdall H. S.
Widdall J. A.
BEAVER FALLS—Bloom Henry
Kirker L. C. & Son
BETHLEHEM—•Denburger H. Contrg. Co.
Speck Bros.
Speck Forest F.
Stoudt H. E.
Vanderstucken-Ewing Construction Co. (Structural)
BLOOMSBURG—Jury A. C.
Reimard Bros.
BRADDOCK—Hemple C. H. & Bro. (Paving)
Hodder Const. Co. (Inc.)
McCrady Bros. Co. (Paving, Sewer & Excavating)
Phillips W. E.
BRADFORD—Hane F. O.
Iver John & Co.
Unruh E. N.
BRISTOL—De Groot Wm. E.
BUTLER—§Hoffner Adam
Schenck Geo. & Co.
Schenck T. L.
Wagner W. S. & Son (Cement)
CARBONDALE—Atkinson Hugh
§Edgett & Patterson
§Gibbs John
§Robinson N. B.
CARLISLE—§Brindle D. E.
Faber L. Jr. & Sons
§Lackey H. A.
§Porter Jas.
Yarnall T. Elwood
CARNEGIE—§Clark Wm. J.
Davis R. G.
Dushane I. N. & Sons
Gamble Samuel Co.
§Gow Geo.
Harris Morgan
McClintic-Marshall Const. Co.
CATASAUQUA — Goldsmith Franklin & Son
CHAMBERSBURG—§Frederick Chas.
Minnich D. B.
§Rhoads Maurice R.
Shields E. M.
CHESTER—§Babe Jas.
Bell Sam'l R.
Dickerson Edward
§Frazier Bros.
Hanna Jno. & Sons (Street Improvement, Excavating, Grading, Sewer, etc)
§Hewes Geo. D.
§Hewes Sam'l A.
Holcroft W. H. & Co.
§Nolan Bros.
§Oliver E. J. & A. W.
§Oliver Thos.
§Plumley Morris
§Provost Wm., Jr.
Sheaff A. P.
Taylor J. I.
CLEARFIELD—Lukens Wm. A.
•McAtee Jno. C.
§Thompson Geo. I. & Co.
COATESVILLE—Ash Chas. H.
Domsohn C. J. Co. (Cement)
•Dunleavy Bros. (B. R. & Excavating)
Elliott Wm. J.
Thorne W. K.
CONNELLSVILLE—Connellsville Const. Co.
•Harry S. J. Co. (R R Shafts, Tunnels, etc)
CONSHOHOCKEN—§Blanch Bros.
CORAOPOLIS—§Boyd Harry C.
McKown & Beattie
§Wilson Carl C.
CORRY—§Munger A. F.
Rogers C. R. & Co. (Mill & Factory Const. a Specialty, Reinforced Concrete Work, etc)
DORRANCETON—Nash Stanley
Ranson Coray B.
DUBOIS—Loeb Bros.
DUNMORE—Gibbons Martin
Peck & Carmody F. J. Lbr. Co.
EASTON—Bechtel A. A.
§Keim Reuben
§Keiper Howard O.
§Lerch F. J. & Co.
§Lutz & Boaz
•Miles-Tighe Cont. Co. (R R & General)
Morgenstern F. Louis
Mucillo & Miller
Pittenger Edw. S.
Siebler W. F. (Concrete, etc)
Smith Asa & Son
•Smith, McCormack Co.
•Stewart R. T. & C. D. Contr. Co.
§Steinmetz Amandas
Wharton Wm., Jr., & Co., Inc.
ERIE—§Baldwin Bros.
§Constable Bros. Co.
Dayle J. & M.
Fry Constr. Co.
Graham W. M. & Co.
Kirschner Bros.
McCormick Jos. M. & Bro. (Sewers)
Mayer Bros. Const. Co.
§Schroeck Adolph
§Shenk Henry Co.
South Shore Constr. Co.
Stader Conrath Constr. Co.
§Walker Jas. D.
§Weber A. S.
FRANKLIN—Amsler W. H. (Paving, etc)
Eshelman U. H.
§Long Harry W. (Mason)
Northwestern Construction Co.
Osborne Edwin
FREELAND—§Boyle Jas. W.
§Griffith Jas. E.
§Lentz Robert A.
GREENSBURG—Bennett & Smith Co.
•Bennett & Talbott (Public)
Cochran James
Fulmer Bennett R.
Stark H. F.
HANOVER—Coulson J. W. & Bro.
Klunk Wm. J.
Rohrbaugh J. F. & Co.
HARRISBURG—Baumgartner Frank
Central Constr. Corp.
Ensign G. W., Inc.
§Gettys M. H.
Hipple H. A.
Kuhn J. L. L. & Co.
§Lebo E. N.
§McKelvy J. A.
Markley Wm. D.

§Mentzer Samuel F.
Miller Wm. S.
§Schuddemage Harry
Stucker Bros. Construction Co.
Stuckey Adam & Son
*†Whittaker & Diehl
§Wildman Aug.

HAZLETON—§Campbell H. L. Construction Co.
Drake A. W. Drilling Co. (Drilling), Hazelton, Pa.
Frederick S. Y. & Son
Itter Charles
§Kokensberger F. H.
Kramer Ludwig
Leffler John A. (Sewers, etc)
Matuskowitz Jos. & Sons
Meier & James
Ruth Ario A.
§Schaub Justus
Sell Geo.
Thomas Wm. F.
Veale Bros.
Ziegler Wm. D. & Son
Zierdt & Son

HOMESTEAD—Erbeck F. J. (Paving & Public)
Hall Geo. M. Co.
Snyder J. O.

HUNTINGDON—Peightal Nevin
Whittaker E. B.

INDIANA—Bennett M. & Sons
Lockard E. M.
Richards J. R. (Diamond Core Drilling)

JOHNSTOWN—Baker Owen Constr. Co.
Birkebile Bros.
Danker Bruno & Son
Overdorff Edmund
Schenkemeyer Chas. & Sons
Strayer J. D. & Co.
Thiele Const. Co. (Grading, etc)

LANCASTER—Auxer A. J.
Bally Samuel H.
Breneman Jos P. (Building, etc)
Fritchey J. U. & Son (Paving & Sewer)
§Hook Jno. H. (Sewer & Public)
Stumpf Jacob & Son
Wiant Herman L.
Wohlsen Herman F.
Wright L. V.
§Zook Walter C.

LANSDALE—§Kaelin Ludwig
Kauflie John

LANSDOWNE—Burdsall Wm. H.
Lansdowne Constr. Co.
Moore Chas. T.

LANSFORD—Loomis W. H. Contracting Co.
Riebe Herman Co.

LEBANON—Bell's Sam'l Sons (Masons)
Dullabann Geo. D.
Millard J. B. & Sons (Large)

LEWISTON—Steinbach's W. D. Sons
White Wm. J.

LITITZ—Hershey-Leaman Co.

LOCK HAVEN—Blesh Alex.
Caprio & Grieco
*Miller Construction Co.

McKEESPORT—Brieck Bros Co.
Hoey Edward D.
Kunze A. E. (Brick)
Nowell Wm.
Rhoades P. F. & Son (Paving & Sewering)
Wertenbach John H.

McKEES ROCKS—Bryan Frank

MAHANOY CITY—Reed J. B. Co. (Grading)
Lutz Robert J.

MEADVILLLE—Harper Lumber & Bldg Co.
Keystone Constr. Co. (Paving)
McGuigan T. (Sewer & Public)
Morrison Wm. E. & Son

MECHANICSBURG—Weaver Calvin

MEDIA—Flounders Jas. B.

MONONGAHELA—Yohe Bros.

MORRISVILLE—Ewald F. H.

MT. CARMEL—Keefer Geo. H.

MT. PENN—Schlegel Chas. H.

NANTICOKE—Clark John & Sons
Hamilton John A.
Jones Thos. P. & Sons
Kamowski Jos.
Nanticoke Const. Co.

NAZARETH—Flick & Simons
Hahn F. P.
Messinger Jacob H.
Roth Henry W.

NEW BRIGHTON—Garmen C. & Sons (Building, etc)
McDanel R. B. Co.
McGuire J. G. & Co.
Martsolf Bros. Co.

NEW CASTLE—§Anderson E. W. Constr. Co.
Bender W. M.
Burns Bros. (Sewers, etc)
*Byers & Craig
Chambers W. H. & Son
Kline Lumber & Construction Co.
New Castle Lumber & Const. Co.
*Scanlon Michael J.
Woods & Golder Const. Co.

NORRISTOWN—Friend Henry P.
Heavner Frank R.
§Houpt Irvin B.
Shoffner Bros.
Smith T. V. (Cement Work)
§Wager B. F.

OIL CITY—Boquin L. O.
Crouch E. M.
Lesher & Roess
Meals Jacob F.
Mundt H. C.

PHILADELPHIA—Aberthaw Const. Co., Land Title bldg
§Ambler-Davis Co., Harrison bldg
American Bridge Co. of N. Y., Widener bldg
American Dredging Co. (River & Harbor), Mariners' & Merchants' bldg
American Paving & Const. Co., 213 S 9th
American Pipe & Const. Co., 112 No. Broad
Anders & Snyder (Paving), Heed bldg
Anstine W. W. & Co., 1218 Filbert
§Appleton Chas. J., Heed bldg
Armstrong & Latta Co. (Dock, Harbor & Public), Land Title bldg
§Ashby Jos., 7920 Oxford av (Fox Chase)
§Atkins Ed., 249 S 24th
§Austin Co., Transportation bldg
Bader Daniel S., 1345 Arch
Bailey-Lush Co., 201 N Broad
§Ballinger R. C. & Co., 213 N 13th
Bateman John J., 845 Locust av, Germantown
§Baton Henry E., 12th & Sansom
§Bauer Walter S., 624 Lincoln av Germantown
§Bayard M. L. & Co., Penna bldg
§Bear Eng. & Construction Co., 34 S 17th
§Beaumont W., Stephen Guard bldg
§Bechtel Joseph, 200 N 15th
Bennis Richard P. (Sewer), 710 E Chelten
§Birkelbach Frank U., Richmond bldg
§Bland John I. & Co., Harrison bldg
Boas Francis J. (Bridge, etc.), 201 N Broad
§Boorse Horace B., 665 N 15th
§Borthwick Pringle, 8018 Germantown
Bottoms Abel & Sons Co., 3611 Walnut
Bower C. P. (Heavy Masonry, Grading, etc.), Emerald & Richmond br. P. & R. Ry.
*Brann & Stuart Co., Commer. Trust bldg
*Brendlinger P. F., Commer Trust bldg
§Brennan Frank, 1409 Ritner
§Brocklehurst H., 512 Norris
*Brogan Jas. F. & Co., Commercial Trust bldg
§Brown Henry L., 27th & Clearfield
§Brown John G., Witherspoon bldg
Brown-King Const. Co., Commercial Trust bldg
Brown Wm. R., 2145 E Firth
§Burrell Horace H., 206 Quince
Byers & Clarkson, 806 Walnut
Cantrell Const. Co., 21st & Sedgley
Carhart A. L., Hale bldg
§Chambley Alex, 243 S 10th
Chapman Wm. R. & Sons, S. E., Washington av
Chester Constr. & Contracting Co., Otis bldg
Christensen Adolph (Stone), 1433 Brown
§Clark & Craighead, 6346 Opal
*Clement F. H. & Co., Land Title bldg
§Codori John A., 1235 Arch
Conan C. A. (Sewer), 1345 Arch
Concrete Constr. Co., 1618 Thompson
Conneen Constr. Co., 1829 Filbert
§Connor Jas., 1317 Arch
Connor Thos. (Sewer), 3329 N 5th
§Consolidated Constr. Co., 34th & Bowman
§Cornell J. S. & Son, Finance bldg
§Coulston Wm. R. & Co., 2041 Chelten av
§Cramp & Co., Denckla bldg
Crawford Daniel, Jr., 701 N 63d
Crossan Constr. Co., Land Title bldg
Cunningham Paving & Const. Co., 1345 Arch
*§Cuthbertson Elmer L., 334 Rox av
§Dahl Henry C., 231 S 8th
Daniels J. Morris, 252 S Juniper
Doak Albert (Boiler Setters), 2138 Arch
§Dougherty W. R., 1608 Sansom
§Doyle & Co. (Large Builders, etc), 1519 Sansom
§Driscoll Co., Stock Exchange bldg
§Duff Thos., Wyoming W 7
Eagle Const. Co., Drexel bldg
§Eddleman Wm. H. & Sons, 453 Green La. Rox
§Elfreth & Co., 1708 Sansom
§Ellis Wm. H., 344 N 4th
§English Frank G., 1608 N Carlisle
*Evans Burd P. & Co., 636 N 13th
Eyre, Thos. L., Com. Trust bldg
§Farbstein Jos., 908 Walnut
Farrell James P. & Co., 1621 Sansom
§Fay Edw. & Son, 2 S Mole
§Ferguson Wm. & Son, 405 E 21st
§Fidelity Const. Co., Heed bldg
Field, Barker & Underwood (Engrs & Contrs.), Commercial Trust bldg
§Flounders Jas. B., 1329 Arch
§Flury Geo. B., 1138 S 22d
§Fonder Edw. F., Land Title bldg
§Forsyth Chas. N., 3417 N 16th
§Fotheringham John, 3367 Fkd av
§Franklin Engng. & Const. Co., Bulletin
§Fretz A. L. & Son, 1213 Filbert
§Freund Constr. Co., Bulletin bldg
Fuller Geo. A. Co., Widener bldg
Gaffney Constr. Co., 1927 Poplar
§Garrison John D., 4 S 15th
§General Contracting Co., 1218 Frankford
George & Borst, 277 S 11th
§Gill Jno. N. & Co., Otis bldg
§Gilpin Chas., Harrison bldg
§Goll Jno. & Co. (Bridge, etc), 1539 Filbert
Graham-Campion Co., Heed bldg
Grau H. E. Co., 1707 Sansom
§Gruhler Wm. J. Co., 219 E High av
§Hahn Scott W., 5215 Chestnut
§Haibach Contracting Co., 1261 N 26th
§Hall E. R. & Bro., 34 S 17th
Hallowell Chas. T., 6060 Webster
§Hand Jos. A., 8029 Frankfort av
§Harris Franklin M. & Co., 1820 Wylie
§Hart & Bailey, 16th & Louden
§Harting S, 20 E Johnson Gtn
§Hartwig Harry F., 7403 Bingham, Fox Chase
§Haugt & Swerdloff, 5th & Locust
Havens Fred A. & Co.,845 N 19th
Hazlett Hugh & Son, 1701 N 20th
§Heckler Chas. J., 3001 N Craskey
§Hedden E. J., Finance bldg
§Heebner Geo. K., 1231 Vine
§Heinke Chas. A., 160 W Sharpnack Gtn
Heins Wm. R. & Co (Paving), 1713 Moravian
Heist Harry H., 65th & Limekiln Pk.
Henderson & Bro. Co., Ltd., S 25th, below Spruce
Higgins Robert (Sewer), 4642 Lancaster av
§Hillsley & Perkins, 1825 Sansom
Hoffman Engineering & Contracting Co. (Bridge & Public), Penna. bldg
§Hogg Constr. Co., 1634 Sansom
§Hollenback Edwin E. (Inc), 200 N 15th
§Holm Jas. M., 5556 Arch
Hoover F. L. & Sons (Inc), 1023 Cherry
§Howes R. H. Const. Co., Witherspoon bldg
§Hurley P. J., 1233 Cherry
§Integrity Const. Co., Lincoln bldg
§Irwin & Leighton, 126 N 12th
§Isenberg & Krevitzkin, 54th & Springfield
§Jackson J. Richard, Perry bldg
§Jones Wm. J., 2927 N 5th
Keefer Elisha H. & Son, 1321 Rodman
§Keller Bros., Harmon rd
§Kelley John A. Co., Penna bldg
Kelly P. H. (Masonry, etc.), Lippincott bldg
Kemper Const. Co., 905 Walnut
Kessler Geo. Contr. Co., Drexel bldg
§Ketcham & McQuade, 1029 Brown
*Keystone State Const. Co., Penna bldg
§Killough Robt., Wayne & Dunae
§Klaus & Baxter, 1745 S Conestoga

PENNSYLVANIA—PHILA.—continued
Klinck Wm. C. (Cement), 1715 Venango
Kreitzburg Ernest J., Broad & Arch
§Lam Building Co., 1001 Wood
Land Chas. D., 28th & Cambria
Lee Thos. P. (Cement), 5629 Cherry
Linker Wm. Co., 831 Cherry
Little Thos. & Son, 1713 Moravian
Logan Constr. Co. (Cement), 1428 Rockland
Lombardi Const. Co. (Sewers, etc.), Lincoln bldg
§Longacre Constr. Co., Widener bldg
§Loss & Dothard, Commercial Tr. bldg
§McCaul Charles Co., 1715 Sansom
§McCloskey & Bahls, 1620 Thompson
McCleman H. A. & Bro. (Excavating, Grading, etc.), Moyamg av & Shunk
McClintic-Marshall Co., Morris bldg
McClintock & Weaver, 24 W Phila., Ellena, Germantown
McDermott Chas. Co. (Est. of) Penna bldg
McElivee Bros. (Paving), 1629 South
§McGarvey John N., 61st & Oxford
*†McGraw James Co. (Steam & Municipal & Government Work, Bridges, etc.), Commercial Trust bldg
McHugh M. & J. B. (Sewer, Paving & Municipal Work), 892 N Markoe
§McKibbin David, 2900 Frankford av
McMahon D. (Street), 5701 Gtn av
*McManus P., Commercial Tr. bldg
McMenamin & Sims, Commercial Trust bldg
McNichol Paving & Constr. Co. (Public Work), 1923 Cherry
§McShain John, 1610 North
§McShane Wm. J., 413 S 13th
MacDowell Sam'l B. & Son, 1927 Montgomery av
§MacTavish Archibald, 1515 Pine
Mack Paving & Const. Co., 20th & Sedgley av
*Mahoney Wm. P., Harrison bldg
Mark Frank Contr. Co., 2816 N 21st
§Mark F. W. Constr. Co., Finance bldg
§Marshall Thos. H., 413 Locust
§Melody & Keating, 1322 Rice
§Mendenhall, Hayes & Son, Drexel bldg
Mercer F. T. Co., 1706 Delancey
§Metzger Chas. S., Denckla bldg
Meyer Wm. Co. Ltd., 206 Quarry
§Metzger & Field, 47th & Bruce
§Metzger & Fisher, Denckle bldg
Meyer Wm. Co., Ltd., 206 Quarry
Meyers F. Guy Co., 908 Chestnut
§Mitchell Bros., 2125 Race
§Mitchell Jas. N., 4 Farragut ter
Monday Chas. E. & Co., 1318 Olive
Mullen Jas. A. (Masonry & Grading), 5512 Vine
§Myers Jacob Sons Co., Witherspoon bldg
§Myers Jos. F. Jr. & Co., Weightman bldg
§Nardy F. Co., 1228 Fitzwater
Nass & Hare Const. Co., 113 Tasker
§Nickson & Duggan, Bailey bldg
§O'Brien Bros., 5624 Chew
O'Connor Wm. F. Co. (Grading), 2540 Callowhill
O'Herron M. & Son (Sewer), 5706 Vine
O'Meara Constr. Co., 253 S Quince
§Orr James W., 6618 Torresdale av
Pawling Geo. F. & Co., 1432 S Penn sq
§Payne Geo. F. & Co., 401 S Juniper
§Payne & Scammell, Land Title bldg
Peoples Bros. (Heavy Masonry, Sewer, etc), 25th & Callowhill
Peterson Robt. M., 5250 Wakefield, Germantown
§Philadelphia Culvert Co., 16th & Washington av
Pomeroy Const. Co., 1609 Ranstead
§Prettyman H. D., 2603 S Broad
§Raff A. Raymond, 1635 Thompson
§Ramsey Bros., 5932 Catharine
Randle Geo. M., St. Girard bldg
§Reeves, Stacy & Sons, 2011 Market
§Reilly Thos., 1616 Thompson
*Reiter, Irwin T. Co. (Sewer, Paving, R. R. & Public), Commercial Trust bldg
§Rimer & Byers, 4842 Hawthorne, Fkd
§Rowland, Alonza, 4322 Pechin, Rox
Roydhouse, Arey Co. (Building Const), Fidelity bldg
§Schlosberg & Cohen, Ann & Aramingo
§Schmid Matthew, 1308 N 6th
§Schultz Sam'l, 3028 N 6th
§Schultz Wm. H., 3340 N Carlisle
Schwartz Jacob (Paving), 2306 N 27th
Seaboard Const. Co., Witherspoon bldg
§Seeds Thos. M. Jr., 1207 Race
*Shanley J. F. Co. (Public), Commercial Trust bldg
§Sheen M. Roy, 450 W Wilton
§Shoemaker Sam'l, Land Title bldg
§Sillers John S., 2020 Alter
Simplex Foundation Co. (Caisson & Bridge Foundation), 3400 Disston
Sinclair Fred W. (Mason), 1629 Winter
§Sipps Geo. L., 912 Locust
§Sladen Geo. E. & Co., 1223 Clover
Smith Chas. & Son, 4215 Haverford av
§Smith-Hardican Co., 1606 Cherry
§Snyder Lew V., 205 Ionic
Snyder Paul J. & Co., 176 E Tulpenhocken, Gtn
*Sparks & Evans (Bridge, R R & Public), Abbott bldg
§Speth John V. & Co., 1714 Sansom
§Stafford John, 1112 Chestnut
Standard Constr Co., 1713 Sansom
Steele Wm. & Sons Co., 1600 Arch
§Sutton & Stephenson (Masons), 1317 Washington av
§Tourison Ashton S., Sr., 7014 Boyer, Germantown
Trafford Thos. C., 1613 Sansom
Turner Concrete Steel Co., 1713 Sansom
Van Loon F. W., Denckla bldg
Vare Edwin H. (Sewers, Conduits, etc), Lincoln bldg
§Voigt Herman, 1251 N 28th
Wallace Frank E., 1220 Chancellor
Walsh Richard & Sons (Bridge), Orthodox & Frankford ck
Ward Paving Co. (Cement), 2308 N 29th
§Warren Moore & Co., Commercial Trust bldg
§Wehmeyer Harry H., 1004 Lehigh av
Wells James H., Otis bldg
§Welsh Thos. M., 758 S Broad
§Whelan P. J. & J. T., Lincoln bldg
White Barclay & Co., 1713 Sansom
§Whiteside Rush J. & Sons, 2115 Wallace
§Wiggins John R Co., Otis bldg
§Williams Arthur H & Son, 419 Locust
Wilmer Samuel S., 3211 Comly Wissng
§Young Milton W., 2012 Upland Way
Zane A. M., Land Title bldg

PITTSBURGH—Abel A. F., (Pile Driving, Trestles, etc.), 1 Wood
§Alberts W. E. & Son, 367 Lehigh av
American Bridge Co., Frick bldg
§Andrews Constr. Co., East End Trust bldg
Armstrong & Cooke, 1407 Brighton rd
§Atkins Alfred, 6346 Walnut
§Baldensperger S. G., Lloyd bldg
Barr J. Toner, 434 Diamond
Beatty W. D. Co., 900 W. Diamond
§Beatty Bros., 2001 Metropolitan
§Bergman Jos. A. & Son, 2601 Wylie av
Black & Sell, 436 Cantoma (Brick)
Blendinger Fred. A. (Brick), 824 Spring Garden
Boehmer Chas. & Son, 1904 Gang
Bollinger-Andrews Const. Co., Empire bldg
Bollinger Bros. (General), Fulton bldg
†Booth & Flinn, Ltd. (Railroad & Municipal, Pipe Line & Tunnel Work), 1942 Forbes
Bothwell & Carson, 1523 Franklin
§Brown B. F., 5992 Centre av
§Bruggeman J. F. Co., 502 Avery (N S)
§Brush & Engel Bldg. Co., 218 Shiloh
Busse Henry & Co., Main & Wabash
Calhoun & Miller, 6200 Penn av
Casey John F. Co., Oliver bldg
*Central Contracting Co., Keystone bldg
§Chambers Henry, 6475 Frankstown av
Cochrane, Geo. A. Co., 1212 Columbus av
Collins-Gordon Co (Masonry, etc), Ferguson bldg
§Conradis August, Olver bldg
Corcoran J. G. Co., 4 Smithfield
Coutts Thos. Co., 3324 Smallman
§Cowan Jas. S., 419 4th av
Craig Jas. A., E. E. Trust bldg
Cramer Philip L., 713 Euclid av
Cranford Construction Co., Keystone bldg
Crapper Hedley, Highland bldg
§Crawford D. F. Co., Ltd., 603 5th av
Cronin Thos. Co. (Paving & Sewer), S 17th & Muriel
*Cuthbert Bros. Co., Bessemer bldg
Davis-Smith Co., 516 Federal
Dawson Construction Co., May bldg
Deakins Herbert, 2311 Palm Beach
Dravo Contracting Co. (Heavy Masonry Shaft Sinking & Government Work, etc.), Diamond Bank bldg
Duquesne Const. Co. Diamond Bank bldg
§Duquesne Contracting Co., Diamond Bk. bldg
Egan Thomas J. (Grading), 1721 Bluff
Eichleay John Jr. Co. (House Raising & Moving)
Enterprise Contracting Co. (Masonry, Trestles, Pile Driving, etc.), Bessemer bldg
§Evans A. E., 5 McIntyre av
Faber Engng & Constr Co., Bessemer bldg
Fair D. McClure, 6023 Hoeveler
§Fellabom L. H., Wellesley & Heberton av
*Ferguson & Edmondson Co., 317 Augusta
Fetzer-Winger Co., 317 Augusta
File D A. & Co., Fitzsimmons bldg
Fischer F. L., 1148 Negley av S
Fischer F. L., 1148 Negley av
Foley Contracting Co., Wabash & Violet
Foundation Co., The, Fulton bldg
§Fuller Geo. A. Co., Oliver bldg
Fullman John G., E. E. Trust bldg
Garage Constr. Co., Grant & Oliver
*§Gillespie T. A. Co. (Railroad, Public & Waterworks), Westinghouse bldg
§Golden & Crick, 3512 Fifth av
Grace Robt. Contr. Co., 514 Smithfield
Greenwood Const. & Supply Co., 48 Terminal wy
Griffith Concrete & Const. Co., 3513 Bigelow blvd
§Groah B. A. Constr. Co., (Building, etc), 847 W North
Harrison & Meyer, Oliver bldg (Paving)
§Hilf Bros., 13 Gray
Howley John F., Hostetter bldg
Ingersoll Construction Co., 324 Fourth av
§Kerr R. J. Co., Farmers Bank bldg
Krantz & McCoy, 365 Soho
*Keystone Contracting Co., Keystone bldg
§Kreusler H. L., 3301 Penn av
Laidlaw Adam & Co., Bessemer bldg
Landau Bros., 311 2d av
Lash David H., 720 Grandview av
Lauer J. & Sons (Building), 810 Portland
§Ley Const. Co., House bldg
Lucius Engineering Co. (Contracting & Consulting Engineers), Hartje bldg
McCandless Chas. W., 1208 Palo Alto
McGill Irving H., 347 5th av
§McGinnes Bros., 202 Milvale
McGranor, Jas. G., 1900 Enoch
McLaughlin Contracting Co., Germania Bk. bldg
McLaughlin & McLaughlin (Cement & Concrete), 7309 Finance
McQuade, Jas. H. & Sons Co., Bakewell bldg
McSorley John, 1912 Wightman
Martsoff Bros Co., House bldg
Masi Bros., 1246 Grotto
Meals, Sam'l A., 2913 Frederick
Miller Constr. Co., 530 Fernando
Miller H. & Sons & Co., May bldg
Minsinger Bros. Horace cor. 3rd av
Mohney C. L., 615 W Diamond
Monongahela Construction Co., Oliver bldg
Monongahela & Ohio Dredging Co., Conestoga bldg
§Moore John L., 112 McAlvy
Moorehead H. S. 220 S Highland av
Mullen J. L. Construction Co. (General Rigger), Wabash bldg
Murphy C. E. & Sons, 516 Federal
Murphy Saml. N., Monongahela Nat. Bk. bldg
Nat'l Constr. Co., 6120 Jenkins Arcade
Neeld C. M. Const. Co., Oliver bldg
Neelen & Daly, Fitzsimmons bldg
§Negley H. D., 7134 Idlewild
§Nicola Building Co. (Large Building, etc), Lambert & Penn av.
North Side Construction Co., Bessemer bldg
O'Herron M. Co., S 1st & McKean

Ott Matthew & Co. (Sewer, Paving, Macadam, etc.), 414 Warrington
§Patterson & Shaw, 30 E Robinson
§Payne W. J., Beltzhoover av
§Peterson Chas. Co., Keystone bldg
Pihl & Miller, Wabash bldg
Pitt Const. Co., Fulton bldg
*Pittsburg Const. Co. (Round Houses, Mill Building, Grading, Masonry, etc), Diamond Bank bldg
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross.
See adv index at end of book
Politano D. Bros., 607 Webster av
Powell Wm. T., 508 4th av
Purnell A., 507 Jarvella
Raymond Concrete Pile Co., Union Bank
§Richmond Andrew & Son, 17 Shingiss
*Ridge Bros. Co., 5638 Rippey
Riffie David T., Keenan bldg
Rose & Fisher, 819 Penn av
Ryan M. C., 13 3d av
Sawders Paving & Const. Co. (Sewer, etc), 3317 Biglow blvd
Schellenberg B. F. & Co., Hartje bldg
Schutz, Schreiner & Clyde Co., May bldg
Scott John F. Co., Pittsburg Life bldg
Sheets J. B. Co., Kelly & Murtland
§Shenk Henry Co., 132 7th
Siebert W. C., 366 42d
§Smith C. S., Center & Graham
§Standard Construction Co., 900 Union Arcade
Stevens Contracting Co. (Mason), 415 Penn av
Stewart Willard L. E. E. Trust bldg
Stuart James L., 233 Oliver av
Swan Robt. Jr. Co., Jenkins Arcade
Swartz & Mennela, Bessemer bldg
†Tennis Co. (R R & Public Works), Vandergrift bldg
§Thompson-Starrett Co., 2d Nat Bk bldg
Toupet, Beil & Conley, 5931 Penn av
§Trimble W. F. & Sons Co., 1719 Penn av
Universal Const. Co., Empire bldg
Walker & Curley Co., E. E. Trust bldg
*Wallace A. L., 819 Sheridan av
Wesel Geo. F. (Concrete), Milwaukee & Orion
§Wherry James & Co., 857 W North av
Wichert E. M. Co., Hartje bldg
§Wilson A. & S. Co., 541 3rd av
Wilson Constr. Co., Fulton bldg

PITTSTON—Allen W. R.
Dershimer & Griffin
Frey Miley J.
Myers Wm.
Turon & Swartz

PLYMOUTH—Watkins Chas. & Son

POTTSTOWN—§Halteman J. L.
Hutt & Knod
§Keiser F. H. & Co.
Rush John H. (Paving, etc)
Wiand Wm. H.

POTTSVILLE—Dietrich Wm. A.
Edwards J. R. & Co.
§Griesbaum Wm. J.
Kilgus Jacob
Koch Theo. B. & Son
§Messersmith Clarence
Portland Contracting Co.
Schum Albert D.

PUNXSUTAWNEY—Harl McKean
Hoffman Bros. (Diamond Core Drilling)
Long J. K. & Son
McGovern P. E. & Co.
Punxsutawney Drilling & Contracting Co.
Punxsutawney Lumber & Supply Co.
Reese Hiram

READING—§Beard Const. Co.
Faust John K. & Son
Focht L. H. & Son
Garman N. H. & Bro.
§Hunter D. H.
Koch Geo. A.
Kretz Adolph H. (Building)
Krick P. Monroe
*Nolan Bros. (Railroad, etc)
§Price R. A.
Reading Contr. Co. (Water Works & Concrete constr.)
Sharp Wm. A.

RIDGWAY—Edwards Wm.
Newburg Carl A.

ROSEMONT—Croll Geo. L.
Gray Bros.
Sim Chas. (Grading, etc.)

ROYERSFORD—Mowry Jacob

ST. CLAIR—Kear H. J.
Thorn W. W.

ST. MARYS—Butsch M. C.
Kerner Philip
Valentine Thos. J., Jr.

SCHUYKILL HAVEN—Becker Irvin H.
Reed Harry D.
Renninger John H.

SCRANTON—Anthracite Bridge Co.
Apostillico Alphonso
§Baker Wm. E.
Bastress J. N. & Co. (Engrs & Contrs)
§Benore John
§Boland Bros.
§Boland Christ T.
Breig Bros.
*Burke Timothy
§Cadden Michael A.
Caputa Louis
§Davis John C.
Engineering Const. Co. (Sewers, etc.)
Fern Russell E. Co.
Flanagan Stephen & Son
§Fuchs Geo. D.
Gaylord Engng & Constr Co.
Gaynor Contracting Co. (Concrete, Conduit & Paving)
Gibbons Patrick F.
§Hower & Stender (Bldrs)
§Hughes E. G.
Kingsley & Wescott (Breaker Bldrs)
Lathrop, Shea & Henwood Co
Leitner Frank V.
§Lord & Waterman
§Perks John
Richardson R. D. Constr. Co.
§Roberts Robert
§Ruddy M. J.
Ruthven R C. (Paving, etc.)
Sharkey Bros. (Masons)
Simons Bros.
Sprague & Henwood (Drill Diamond Contrs.)
§Spruks Bros.
§Stender Bros.
§Stipp Ludwig T.
§Stonier C. R.
§Stonier Linley J.
§Sykes S. & Son
Trauger B. M. & Son
Trauger Geo. H.
Williams E. S.
Williams, Finney & Belke

SHAMOKIN—§Bilger S. L.
Davis Lumber Co.
Raup's H. P. Sons
Schweitzer Chas. A.
Shamokin Lumber & Mfg Co.

SHARON—Budd B. F. & Son
§Hoagland J. M. & Co.
McIntyre Wm. & Sons (Sewer, Macadam, etc)
Sharon Bldg. Co. (Ltd.)
Weaver C. C.
§Wishart A. & Sons Co.

SHARPSBURG—§Schran J. H.

SOUTH BETHLEHEM—Danzer Wm. F. & Co.
Pfeifle Robert

STEELETON—Muff G. & Co.
Wright E. B.

STROUDSBURG—§Palmer & Dreher
§Shiffer Bros.

SUNBURY—Keefer John S.
§Keefer Peter R.
Rockwell George W.
§Simpson John & Son

UNIONTOWN—Carr Jno. D.
Eggers Charles F. & Co.
Gibson & Knopp
Ingraham Wm. B.
Reagan & Lynch
South Penn. Bldg. Co.
Uniontown Construction Co.
§Vinto & Lyons
Wilkey & Baker

WARREN—§Baker Edwin F.
§Beck Edw. T. & Co.
Dunham O. E.
Engstrom & Samuelson
Gibson & King
§Hamm C. E.
Holmberg Salomon
Offerle & Smith
§Shaw Alex. L.
Swanson J. A.
Uhdey C. W.

WASHINGTON—Pickett Wm. & Co.
Vester, Stewart & Rossell Co.

WAYNE—Johnson Richard H. Co. (Excavating, Grading & Steam Shovel Work)
§Lengel Jonathan D.
Palmer Chas. B.
Rossiter J. Morris

WAYNESBORO—§Warner A. R.

WAYNESBURG—§Biggins Thos.
Blair W. F.

WEST CHESTER—§Baldwin C. R.
Burns Jos. M.
Corcoran Construction Co.
§Darlington Howard G.
Farra Harry W.
Farrell M. & T. E.
§Griffith E. R. & W. H.
§Jefferis P. E.
§Jones Wm. H.
§Smedley & Hoopes

WILKES-BARRE—Amesbury Wm. H.
Barney Chas. J.
Behrens O. J. & Son
§Curtis John & Co.
Dickover George T. & Son (Heavy Masonry, etc), Simon Long bldg
Dobson W. H.
Eckenrode Bros.
Ecker Geo. T. & Co.
Eddy F. W.
Evans Bros. & Co.
Eyerman Edw.
Gaynor J. M. & Co.
Hildebrand A. M.
Hughes Richard
Isaacs R. D. & Son
Jacobs Bros.
James John E.
Johns Reuben C.
Kehoe & Mowery Co.
Kline Dan'l M.
Lange Ferdinand
Leach I. M., Jr.
Long E. T. & Co.
Mailander Herman
Mandeville Co.
Melan Henry J.
Mitchell James J.
Moyles William
Newberry, S. W. (Concrete)
Reilly Cornelius M. (Sewer)
Ritchie John C.
Ross Giles
Roth M. L.
Schmitt John A. Sons
Schmitt & Co.
Shepherd Construction Co.
Smith Wilson J.
Thomas John R.
Walborn & Barney

WILKINSBURG—Adams Jacob A. & Son
Hoffman F. Co.
Holmes J. S. & Son (Brick)
Iron City Stone & Const. Co.
Lose W. L. Co.
Peffer E. Z.
Robinson & James
Smith S. L. & Co.
Steele Bros. (Brick)

WILLIAMSPORT—Bennett Jas. V. & Co.
Busch & Stewart
§Crandall Bros.
Coryell B. H.
§Everhart A. C. (Large)
Gehron Jacob & Sons
§Hartman Bros. (Builders, etc)
Hartman John H. & Bros.
Huffman's W. H. C. Sons
Kimble Walters S
Larrivee Sam'l (Large)
Waltz A. H.
Woodnutt C. E.

YORK—General Supply & Constr. Co.
§Gilbert Geo. W.
§Hake A. M. & Co.
Kraft A. B. (Paving)
§Menough Jas. L. & Son
York Bridge & Constr. Co.

RHODE ISLAND.

EAST PROVIDENCE—McCormick Joseph

NARRAGANSETT PIER—Briggs Geo. T.
Bristow John
Church J. Winfield
Congdon Alphonse
McIntosh, A. L.

NEWPORT—§Booth Alexander
§Curry Robert W.
Darling-Slade Const. Co.
Fagan & Gillis
Fludder A. J. (Mason)
§Johnston J. D.
Keeher Thomas F.
Kelly John J.
Kirwin Bros. (Masons)
McCormick M. A.
§McLean D.
§Mason J.
Radford John & Son (Mason)

RHODE ISLAND—Pawtucket—continued
Sullivan, J. F.
Tanner B. F.
White Benj. T. (Mason)
PAWTUCKET—Cruise & Smiley Const. Co.
§Greene, Philip
Healey J. H. (Mason)
Kilroy Wm. E. Co. (Mason)
Lee F. H.
§Murphy Louis A.
§Norcross Bros. Co. (Large, Public Works)
Rowley Frank G. Co. (Heavy Construction)
Smiley Albert F.
Smith Benj. F. Co. (Large)
Willmarth-Mackillop (Inc.)
PROVIDENCE—Ahlborg Olaf, 17 Wildwood av
§Anderson A. M. Co., 67 Algonquin
§Barry David J., 64 E. Manning
Beck Vere W., 58 S Water
Bennett M., 50 Hedley
§Benson Emil & Son, 340 Willard
Bigney E. H., 17 Custom House
Bigney C. I. Constr. Co., 75 Westminster
§Bishop J. W. Co. (Large)
Briggs Engng. & Constr. Co., 75 Westminster
Buonanno & Marcello Co., 583 Laurel Hill av
§Candelet J. E. & Co., 10 Warrington
Carlson Oscar W., 86 Gallatin
Cianci Joseph & Son Co., 12 Ring
§Douglas Wm. & Co., 109 Waterman
§Evans H. R. & Son, 10 Mathewson
Famiglietti Bros. Co., 166 Broadway
§Fraser & Ross, 64 Dexter
Furlong John W. & Co. (Mason), 46 Benevolent
Gammino Frank A. (Sewer, Water Works, Highway, Railroad, etc.), 331 B'way
Gibbons Edward, 203 Montgomery av
§Gilbane Building Co., Calverley
Halcrow Wm. J. Co., 88 Clifford
Hamlyn W. H. & Son, 35 Greenwich
Harding P. E. Const. Co., 86 Weybosset
§Hope Building Co., 87 Weybosset
§Houlihan Michael J. (Large), Grosvenor bldg
Humes Construction Co., 76 Dorrance
Interstate Constr. Co., 17 Custom House
Learned A. C. J. Co., 7 Charles
Lynch James H. (Cement), 501 River av
McDuff J. Leo, 1350 Pawtucket av
McKendall Frank D., 519 Charles
McKinnon Construction Co., 70 Water
§McLeod John, 517 Hope
MacDuff Robert A. & Co., 376 Richmond
Maguire Chas. B. Co., Turks Head bldg
Mahoney & Coffey, 29 Weybosset
Manchester Albert C. Co., 136 Dorrance
Mauro Vincent, 203 Federal
Merchant A. W., 86 Weybosset
Meyer Jacob A., 382 Ormis
Murray & Lamb, 13 Hayden
Norton John, 47 S Main
§O'Neill Maurice R., 143 Dyer
Pierce Frederick L., 74 Weybosset
Providence Bldg. Co., Grosvenor bldg
Purington O. D. & Co., Ind. Trust bldg.
§Raftery John T., 55 Candace
Rhode Island Constr. & Supply Co., 18 Marvin
R. I. Paving & Granolithic Co., 27 Penn
Soren & Kelman, 230 Saratoga
§Sundberg Nils M., 11 Somerset
Turgeon E., 86 Weybosset
Waterman W. E. (Masons), 918 Plainfield
Williams William, 86 Weybosset
WAKEFIELD—Bell Louis F.
§Brown James W.
§Oatley Lincoln N.
§Potter Chas. F.
WARREN—Loughran Thos. J.
Smith Richard
WESTERLY—Eccleston Chas P.
Joslin Lena Co.
Kenyon H. T. & Co.
Nardone Samuel & Co. (Masons)
Sherman Isaac
§Sherman's R. A. Sons Co.
WOONSOCKET—Aubin Wilfrid
Bouvier J. C. N.
Breault Geo. (Mason)
Daigneault A.
Eastern Const. Co.
Fleurant J. F. & Son

SOUTH CAROLINA.

CHARLESTON—Charleston Engng. & Contr. Co.
§Kanapaux C. & Co.
Simons, Mayrant Co. (Engrs & Contrs)
CHESTER—§Carpenter J. C.
COLUMBIA—Black & Coulter Co.
McNulty F. D.
Waring Geo. W.
GREENVILLE—Fiske-Carter Const. Co.
Gallivan Building Co.
§Jamison & Morris
Jordan W. M.
§Skelton & Owens
§Slattery & Henry
ROCK HILL—Pope L. A.
*Stewart-Jones Co.
SPARTANBURG—
Willard, Boggs & Co.

SOUTH DAKOTA.

ABERDEEN—§Easton, Vance & Co.
Jonason S. W. & Co.
HURON—Jaehn Frank Const. Co.
Nelson Constr. Co.
WATERTOWN—Brickell Const. Co.
Atkinson C. H. Paving Co. (Concrete)
Gray Const. Co.
Stover Const. Co.
YANKTON—Ellerman & McLean
Goetz Const. Co.

TENNESSEE.

CHATTANOOGA—Adams & Schneider
§Becking Geo. & Son
Brandon D. F.
Chambers & Son
Chickamauga Quarry & Const. Co. (Heavy Masonry, etc)
Coffey D. L.
Guild & Co. (Sewer)
Gulf Paving Co.
Hahn A. F.
Lieker Fred'k
Moudy T. S. & Co.
Mountain City Cabinet Co.
Noll Const. Co.
Rogers Const. Co.
Rogers P. O. & Son
Sloan & Co. (Cement)
Smallwood Co.
Southern Paving Const. Co.
Stein Construction Co.
Wesco Co.
Westcott R. L.
West Const. Co.
Wilson Mark K.
GALLATIN—§Simpson W. A. J. & Son
KNOXVILLE—Brimer & England Bros.
*Callahan Const. Co.
Dunn J. M. & Son
King Const. Co.
*Kreis H. & Sons
§McMurray & La Rue
*Oliver Wm. J. Mfg. Co. (Railroad & Public)
Thomas & Turner
MEMPHIS—Alexander James Const. Co.
Canal Const. Co.
Cheshire R. L., 1118 Peabody av
Creson Robert F., Builders' Exch
§Hollingsworth J. E. & Co.
*Jennings Martin & Bro. (R R & Levee), 1275 Neptune
Kancher Hodges & Co. (Engngrs.)
Koehler Bros.-Fowler Const. Co. (Paving), 68 Court av
Larkin & Co. (Concrete & Paving)
*Lowrance Bros. & Co. (R R & Levee)
McGinnis N. C. & Co. (Drainage)
McWilliams R. H. & G. A. (Dredging)
Miller Chas. R. Co. (Sewer & Paving), 556 Suzette
Olsen & Lesh (General), Exchange bldg
*Roach M. J. & Co., No Mem Sav Bk bldg
*Roach & Stansell, No Mem Sav Bk bldg
Streicher H. P. Co.
§Thomas D. D. & Son
Young F. B. & Son (General), Mem Trust bldg
NASHVILLE—Bush Building Co.
§Carter C. C. & Sons
Curtis T. I. & Son
*Foster & Creighton Co. (Large, Masonry, Bridge, Railroad, Dams, etc)
Foy-Proctor Co.
Fulcher Brick Co.
Griffin H. & Bro.
Holladay E. G. Co.
§Howell J. L. & Son
Leftwich W. M. Co.
Lightman M. A. Co.
Lewis Bros. Co. (General)

TEXAS.

AUSTIN—Boydson Bros.
Fiegle Geo.
Fisher & Lambie
Ledbetter & Greathouse
Zilker A. J. Const. Co.
BEAUMONT—International Creosoting & Const. Co.
CLINE—Uvalde Rock Asphalt Co.
DALLAS—Callahan W. E. Constr. Co.
Gibsonite Constr. Co.
Hardeman-Belcher Const. Co.
Hedrick W. E. Constr. Co.
Hughes & O'Rourke Const. Co.
Jones Fred. A. Constr. Co.
Klein Bros. Co.
Link H. W.
McCavick Const. Co.
Moore G. W. Const. Co.
Standard Engng. & Constr. Co.
Texas Bithulithic Co. (Paving)
Trinity Const. Co.
Vibrolithic Constr. Co. (Paving)
§Watson Co.
DENTON—Johnson J. F.
Whitlock M. B. & Co.
EL PASO—Carson Nick H.
Manning L. H. & Co., Inc.
Morgan J. E.
Ponsford H. T.
Turberville J. K.
Ware Vernon E.
FORT WORTH—Bryce Building Co.
Buchanan & Gilder
Davis B. F. & C. M. Co.
Drake-Brannum Const. Co.
General Construction Co.
Lusher & Rockett
Taylor Building Co.
*United States Engineering & Cons. Co.
GALVESTON—§Bowden Mills C.
Bowers Southern Dredging Co. (Marine)
Clarke Chas. & Co. (River & Harbor)
§Coyle Bros.
Freund Frank (Sewer)
Good Roads Constr. Co.
§Gross Construction Co.
International Creosoting & Const. Co.
§Janssen Wm. H.
Lucas Wm.
§Moody John
Suderman & Dalson
Vantrin Peter J. (Paving)
§Zempter J. W.
HOUSTON—American Const. Co. (General)
Antill Jos.
Atlantic Gulf & Pacific Co.
Eureka Paving Co.
*Horton & Horton (R R & General)
Humphreville W. E.
Lockett A. M. & Co. (Ltd.)
Lucas A. T.
Price A. D. Co.
Tablot Co. (Paving)
Texas Bitulithic Co. (Paving)
Texas Grading Co. (Grading, etc.)
NEW BRAUNFELS—§Moeller A. F. (Concrete)
SAN ANTONIO—Alamo Constr. Co.
Boelhauwe Chas. G.
Coleman & Jenkins
Elder Bros.
Fincham Chas. T.
Hagy W. N.
Jones H. M. Constr. Co.
McKenzie Constr. Co.
Richter R. E. & Son
§Scott H. L. & Co.
§Skirving J. S.
Standard Paving Co. (Street)
Wagoner Jacob H.
Weston & Kroeger
Wright & Sanders
SEGUIN—Goodrum John W.
YOAKUM—§Pound W. E.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER

UTAH.

LOGAN—Wilson J. E., Jr.
Worley & Nelson
OGDEN—*Corey-Taylor Constr. Co.
Intermountain Concrete Co.
§Isakson P. A.
*Utah Constr. Co.
Wheelwright Constr. Co.
PRICE—Harris C. S.
SALT LAKE CITY—Adamson G. H., 1325 Green
Alston & Hoggan, Contl. Nat. Bk. bldg
Anderson Cyrus I., 1077 4th, E
Banks Bros., 1416 Lincoln
Biesenger Geo. L., 865 Downington av
Black Wm. B., 966 S West Temple
Brittain J. H., 345 Sherman av
Burke J. J. & Co., Kearns bldg
Campbell Bldg. Co., Newhouse bldg
Carter C. G., 27 W 3rd, South
Chamberlain R. T. & Sons, 142 E 5th, So
*Christensen Constr. Co., Felt bldg
Chytraus Olaf, 555 E 8th, So
Continental Contracting Co., Kearns bldg
Dean W. J., 1861 10th, E
Dundas E. H., 1501 2d, E
Gilkerson Constr. Co. (Paving), 26 Richards
Gray G. G., 51½ W 3d, South
Hamlin A. L., 1134 Princeton
§Hodgson Oliver, 265 E 7th, So
Holt John, 950 E 1st, So
Koch E. B., 28 4th E
Lynch-Cannon Engng. Co. (Design Constr. Equipment), Dooly bldg
Lynch Constr. Co., McIntyre bldg
Mickelson A. P., 511 9th, E
Mitchell E. S., 342 Center
Moran, P. J., 1108 E South Temple
Murfitt J. H., 1310 5th E
Nilson Olaf, 1966 4th, E
Phoenix Constr. Co., 149 S W Temple
Richards W. B. Jr., 2026 McClelland
Runswick J. A., 750 Garfield av
Salt Lake Mill & Constr. Co., 20-40 N 2d, West
§Schraven J. F. & H. E., D. F. Walker bldg
Sherrill S. C., Kearns bldg
Smith B. E., 633 E 7th, So
Smith Enoch, Kearns bldg
§Staats C. B. & Son, Nat. Bank bldg
STEWART JAS. & CO. (INC.), (Harbor, Marine & Heany Buildings)
§Taylor A. G., 1151 W 4th N
Thornton H. N. Co., 376 E 7th, So
§Timms Thos. L., 253 6th av
§Vadnais H. L., 22½ W 7th, So
Warren O. P. M., 657 W 1st, No
§Wattrous Roy, 249 Edison
*Wattis L. R. Co., Newhouse bldg
West Cornelius, 941 E 3d, So
§Wheelon E. R., 825 E 9th, So
Winegar R. J., 1020 E 17th, So
Yealm J., 1058 Pierpont av
Yorston W. K. & Co., Kearns bldg

VERMONT.

BELLOWS FALLS—Brown & Farnsworth
Cote & Frost
Dodge Harry (Mason)
BENNINGTON—Carpenter T. A. & Sons
§Rockwood & Buss
BRATTLEBORO—§Croll Geo.
§Hall Ernest S.
§Holden E. M.
§Pellett & Skinner
§Perry D. T.
BURLINGTON—§Belding E. W. & Sons
Bergeron J. L. & Son
Lapoint & Sullivan
Spear Bros.
MIDDLEBURY—Rogers & Wells
Ross C. W.
RICHMOND—§Terrien A. & Co. (Masons)
RUTLAND—§Remington F. H.

VIRGINIA.

BERKLEY—Jones John W.
CHARLOTTESVILLE—§King Lumber Co.
CLIFTONFORGE—Emswiler L. A.
DANVILLE—Deitrich Wm. H.
Gravely W. A.
Osborne H. A. & Son
Pearson H. T.
FREDERICKSBURG—Heflin, E. G.
Stearns Frank P.
GROTTOES—Eutsler Bros.
HAMPTON—§Richardson R. V.
LYNCHBURG—Bennington S. B.
Hamilton Bros.
Hancock C. W. & Son
Moormon Bros. Co.
§Pettyjohn J. P. & Co.
Smoot & Sheehan
Snead W. B. & Co.
Womack C. W. & Co.
NEWPORT NEWS—Alsop & Peirce (Industrial Plants)
§Antonio & Smith
Davis J. W.
Downing J. E.
Harwood & Moss.
Phillips D. E.
Williams J. H. & Co.
NORFOLK—Addenbrook's J. U. Sons (Cement)
Atkinson W. E.
Baker & Brinkley
Barclay John E.
Brent W. F.
Cahoon & Hudgins
Consolvo & Overmyer
Coster August
Cox G. F.
Dunnavant C. E. Contracting Co.
East & Hobbs
Forbes E. M.
Gregory W. T.
§Griffin Bros.
Hart Edward
McGuire F. J. (Sewer)
Murray W. D. & Co. (Government Wk)
Myers E. L.
§Nash-Jones
Nichols & Lindeman
Norfolk Dredging Co. (River & Harbor)
Pierce John H.
Porter J. N. W.
Richardson E. E.
Richardson R. R. & Co.
Ruth Perry W. & Co.
Sands U. S.
*Sanford & Brooks Co. (R R, Dredging, Harbor & Government Work)
Seay Bros.
§Tevss J.
Turpin J. A.
Williams S. G. & Co.
PETERSBURG—Brister & Knowles
Harrison Const. Co.
Perkinson & Finn
Rowell J. C.
PORTSMOUTH—Boswick Jas. R.
Hutchins S. B.
Ogg A. (Stone)
RICHMOND—Ancarrow Newton E.
Anderson R. M. & Co., Lyric bldg
§Atkinson J. W.
Atlantic Bithulithic Co. (Paving)
Bass E. L. & Bros., 708 Bainbridge
§Beveridge W. H. Jr.
Black K. L. & Co., Inc., 110 N. 7th
Bradley W. B. Const. Co., nr 17th
Calligan A. H. & Co., 1001 E. Main
Central Constr. & Supply Co., 901 E. Broad
Davis Bros. Inc.
Davis & Archer
Ferguson H. E.
Fox Jas. & Sons
Gasser Chas., 814 W Cary
George H. H. Jr., 1831 Monument
Gilman J. W. & Son, 1102 E. Main
§Houston A. C. & Son
Hunt Gilbert J.
Jenkins L. Chastine
McClay A. W.
Matthews Harry L.
Maynard A. W. (Paving & Sewer)
§Newell T. D.
§Newell Wm. B.
§Nuckols John T.
§Pollard C. W.
Ragland W. L. & Son
Siewers Richard A.
Tiller Geo. W.
Veitch W. P. (Cement Work)
Virginia Realty & Constr. Co., Inc., 1422 W. Gary
Walkup Alva M. Co.
§Wilson John T. Co. (General)
*Winston & Co., Amer Nat Bk bldg
Wise Granite & Constr. Co.
ROANOKE—Markley C. (Municipal)
Marshall A. L.
*Sheahan Constr. Co.
*Williams Bros. Constr. Co.
STAUNTON—Blackburn John H. & Son
Livick A. J.
SUFFOLK—*Darden J. M.
Stallings A.

WASHINGTON.

ABERDEEN—Creech & Walker Const. Co.
BELLINGHAM—Booker & Campbell.
Chishom C. H.
Dickinson Geo. A. (Excavating)
Lind C. E. (Grading)
Sauset K. (Street & Sewer)
Siersdorfer Construction Co.
§Trede John H.
BREMERTON—Kenyon Jas. S.
CENTRALIA—Albert Matt S.
Johnson & Brown
COUPEVILLE—Todd & Lyons
ELLENSBURG—§Ackley & Luff
Ames Wm. O.
Ferrier E. L. & Co.
EVERETT—American Pile Driving Co. (Bridge & Concrete Works, etc)
Everett Const Co.
§Kelly C. & Son
McAdam R. B.
Organ & Stohr
Snyder J. B.
§Wright H. S.
KENNEWICK—§McReynolds A. V.
NORTH YAKIMA—Valley Const. Co.
OLYMPIA—Weller W. A.
White & Wright
SEATTLE—Bates & Clark Co. (Engrs. & Contrs.)
Bennett Frank H.
Booker, Kiehl & Whipple, Central bldg
§Boutan Victor, 1519 Terry
Brandt Harry
Bromley H. C.
Brown Robert, 115 N 10th
Chamberlain Const. Co.
Clapp J. M. (Engr & Contr)
Coles Constr. Co., L. C., Smith bldg
Craftsman Bungalow Co., Empire bldg
*Daley Chas. & Co., Railway Exchange bldg
Doty O. M., 1701 9th
Ellis L. R.,Central bldg
Factribilt Co., 600 Terry av (Building)
Finne & Gjarde, Northern Bk bldg
Frantz J. J., New York blk
Galber John
Geske C. & Co., Inc. (Pile Driving)
Graff Construction Co.
Harrington-Peters A. Co., Oriental bldg
Henrickson & Co., Globe bldg
Holt & Jeffery
Hord Bros., 1015 Eastlake av
Independent Asphalt Paving Co.
*Johnson C. J., Railway Exch bldg
Layton Fred'k W., Haller bldg
Lewis Wiley & Morse (Hydraulic)
McEachern J. A. Co. (Bridges, Piers, Foundations, etc)
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McLellan Frank X.
Macrae Bros.
Manhattan Contracting Co., Central bldg
Meismer W.
*Morris C. L. (R R, Paving, Sewer, Irrigation etc)
Mortensen & Kelton, 1509 7th
Nettleton-Bruce-Eschbach Co.
Normile Simon (Grading)
Olson-Nicholson Co., Inc., Arcade bldg
Pattison Oscar A., N. Y. blk
Pederson Hans
Puget Sound Bridge & Dredging Co. (Dredging, Bridges, Foundations, Piers, Harbor, etc)
Quist A. W. & Co.
Rice L. M. & Co. (Hydraulic & R R Engrs. & Contrs.)
Rockford John C., White bldg
Smith Grant & Co.
Sound Construction & Engineering Co.
Sparger Concrete Co.
Stewart Hope D., Amer Bank bldg
Stillwell Bros., Inc.
Sylliaasen & Sando, Downs bldg
Tolman J. H.
United Building Co., White bldg
Weymouth Construction Co.
Woeck & Behrens, Arcade bldg
SPOKANE—Broad James
Bush Thos. G. & Co., Pulsen bldg
§Colonial Building Co.
Diamond Drill Contr. Co.
*Hansen Otto, Empire State bldg
Huetter Construction Co., 1101 N Division
Hurley-Mason Co.
International Diamond Drill Contracting Co.

WASHINGTON—SPOKANE—continued
Jasper Chas., Hyde bldg
*McCreary & Willard (Railroad & Public)
Mitchell Bros.
Norman N., Mohawk bldg
Peterson P. L.
Phair Fred, 416 2d
*Porter Bros. Co. (Railroad & Public), Old Natl Bank bldg
Rajotte Fobart & Winters, Zugler bldg
Skinner H. J., Eagle bldg
Smith Grant & Co.
*Welch P. & Co. (Public Works)
Willett & Camp Co.
TACOMA—§Bonnell Jas. E. (Builder & General)
Burgeson Chas. F. & Son (Bridge, etc)
§Cornell Bros. (Builders, etc)
Hurley-Mason Co. (Concrete, etc)
Knoell Bros., 1211 S L
Larson O. F., Prov. bldg
McHugh & Johns n
Murphy W. J. (Concrete, etc.)
Nichols J. M. & Co.
Tacoma Pile Driving & Const. Co.
Tweeden & Mills, Prov. bldg
WALLA WALLA—Lambert Chas. B.
McLean J. A.
Walla Walla Const. Co. (General)

WEST VIRGINIA.

CLARKSBURG—Richards Const. Co.
Shrum Andrew L. & Co. (Brick)
FAIRMONT—Holbert & Spedden Co.
Kisner John M. & Bro. Lumber Co.
Minor C. E.
HUNTINGTON—Diamond Const. Co.
Harrison & Dean, Inc.
Henson P.
McNulty C. W. Co.
Taylor V. E.
Taylor & Robinson
KEYSER—Liller W. A. Building Co.
Moran L. E. (Mason)
MORGANTOWN—Chaplin Benj. M. Co.
PARKERSBURG—Keenan Samuel
WHEELING—Butts J. R. Sons Co.
Fair H. W.
Hallock L. G. Son & Co.
§Kimberly C. B. Co.
Ogden & Bauer
Perkins & Jackson
Woods J. Lee & Son

WISCONSIN.

ANTIGO—Otis J. W.
APPLETON—Appleton Const. Co.
Blake Constr. Co.
Campbell & Morgan (Cement)
Green & Sons Co.
Hackworthy Const. Co. (Heavy Bldgs, Concrete & Steel Bridges)
§Hegner Construction Co.
ASHLAND—Jacobs Barney
§Pugh & Rundlett
Sandstrom John
Scott-Taylor Co.
Tomlinson Frank
Tomlinson & Egan
BARABOO—§Graf Henry C.
§Isenberg Bros.
Judevine A. & H.
BELOIT—Cunningham Bros.
Dearhammer A. L.
Fitzgerald Wm. J.
Magill W.
Quinn W. H.
BERLIN—Ceman Julius F.
§Kramp A. J.
EAU CLAIRE—Eau Claire Constr. Co.
Fish E. M. Co.
§Hoeppner-Bartlett Co.
FOND DU LAC—Hutter Const. Co.
Immel Const. Co.
§Nickel-Lyneis Constr. Co.
O'Connell Thos.
GRAND RAPIDS—Arpin J. B. Dredging Co. (Marine)
Rood Constr. Co.
GREEN BAY—Agamite Edward
Garot Edward (Sewer)
Green Adolph (Public Work)
Greiling Bros. Co. (Harbor & Public)
Selmer Henry J.
Servotte Ernest W.
JANESVILLE—Cullen J. P. Construction Co.
Denning J. A.
Donahue Edward
§Ford, Boos & Schoof
Hager Julius (Mason)
Janesville Contracting Co.
Summers A. & Son
§Van Pool Bros.
JEFFERSON—Krusing Geo. G.
KENOSHA—Jensen Emil
Larsen Fred (Mason)
Windorf Bros.
LACROSSE—LaCrosse Stone Co. (Paving, etc)
Mitchell A. H.
Molzahn & Lyons (Cement)
Nelson Peter & Son
Schwalbe Frank R. & Sons
Stormost Jas. & Son
Wallace J. E. (Mason)
LAKE GENEVA—§Soutar R.
LANCASTER—Brooker Robert
Rich C. E. & Co.
MADISON—Blake John T. (Cement)
§Capital Constr. Co.
Copps Bros.
Doran M. M.
Faber Peter
Findorff J. H.
Frederickson A. D. & J. V.
Fritz C. B. & A. K.
Gilbert L. B.
Hanson Fred
Luetscher Jacob J.
McCarthy T. C.
Mitchell J. W.
Morgan & Morgan (Masons)
Paunack Edward F.
Quin Nicholas
MANITOWOC—Gray-Robinson Constr. Co.
McMullen & Pitz
Murphy Const. Co. (Concrete Work, Paving, etc.)
Schreiter A. C. (Sewer, etc)
Tomcheck A. C.
MARINETTE—Utke Julius E.
MERRILL—§Torkelson & Hesterman
MILWAUKEE—Aetna Constr. Co., Merrill bldg
Austin Const. Co. (Concrete, etc), Matthews bldg
Badger Constr. Co., Ry Exch bldg
Barber Asphalt Paving Co. (Paving), 1st Nat'l Bank bldg
§Bossert O. H. Co. (Concrete Const), 848 Jackson
§Brockman Sam'l J., 421 Milwaukee
§Buestrin Const. Co. (Wrecking, General Bldg), 567 E Water
Christiansen Bros., 469 1st av
City Const. Co., Pereles bldg
Clos Const. Co., 721 Cramer
Columbia Constr. Co., 425 E Water (Railway)
Conrad J. B. & Son, 1028 National av
Croft Stephen P. (Grading), 587 49th
Dahlman Const. Co., Majestic bldg
Danielson Daniel, 874 Layton blvd
Donahue J. & Sons (Paving, Grading & Teaming), 318 Bradford av
Donahue & Co. (Concrete Construction & Concrete Paving), 318 Bradford av
Emerson, F. M., 439 Atwater rd
Ferge Henry, 421 Milwaukee
Forrestal Chas., 2908 Chestnut
Foster Const. Co., Caswell blk
§Fuldner Const. Co. (Concrete), Majestic bldg
§Geisinger L. H. Co., 539 31st
General Concrete Co., 995 30th
Gillen Edw. E. Co. (Dock, Dredging & Piling), Wells bldg
Great Lakes Dredge & Dock Co. (Dock Dredging & Piling), 1491 Canal
Gumz, Gutknecht & Wussow (Grading), M. & M. Bank bldg
Hanel A. B. Co., 118 Locust
Hansen Constr. Co., First Nat. Bk bldg
Hildebrand Fred (Grading), 1315 Forest Home av
Hoeppner Richard (Mason), 1815 Teutonia av
Hohensee Herman (Sewer), Blatz Pk
§Holstein Aug., 1726 Chestnut
Jennings & Ross Co., B'way & Chicago
Jeske Gust. J. & Son (Mason),, 1089 Richards
Jones John P. (Mason), 386 Kenilworth pl
Kasdorf Walter G., 1099 Halton
Kelling H. C. Const. Co., 885 7th
Kiesslich Ed. R. (Concrete), Hartford & Maryland avs
Kroening Construction Co. (Mason), Majestic bldg
§Langenberger Const. Co., 302 6th
Luenzmann Frank Co., 1912 Prairie
Madson, Christensan & Ingbretson, 379 31st av
Meredith Bros. Co., 1043 Kinnikinnic av
Meyer Const. Co. (Sidewalk), Merrill bldg
Milwaukee General Constr Co., 857 8th av
Milwaukee Sidewalk Co. (Concrete Construction), Matthews bldg
§Monsted A. Co., Pabst bldg
National Builders Co., 157 Michigan
Newton Engng. Co., 185 Mason
§Nuedling A. & Son, 998-16 (Mason)
Payne H. J., Caswell blk
Pfister Ludwig O. (Grading), 600 21st av
Raulf The Co., Patton bldg
§Reinhardt C. H., 41st & Oklahoma av
Reisinger Robt. L. & Co. (Mason), First Nat'l Bank bldg
Rice P. J. (Sidewalk), 459 Layton blvd
Riesen Arthur W., University bldg
Riesens Paul Sons, 1018 Humboldt av
§Schmitt H. & Son, 684 Jackson
Schuett & Frey (Mason), 791 Weil
Steigerward Ed. & Sons (Mason), 2303 Galena
Steinhagen & Klinger, M & M Bk bldg
Sterling Engng. & Const. Co. (Concrete), Caswell blk
Szukalski Thomas (Sewers), 1089 American
Taddey Adolph G. (Mason), 744 46th
Taddey F. W. (Mason),, 1705 Chestnut
Tubesing Wm. F. Co. (Concrete), 845½ 38th
§Tullgren Martin & Sons, 425 E Water
Van Rhiensen Constr. Co., 502 53d (Carpenters)
Vitrolite Constr. Co., Caswell blk
Werner Washington T. (Sewers), 879 Sherman blvd
White Const. Co. (Paving), Ry. Exch. bldg
§Williams Wm. G., 352 Jackson
Wisconsin Cement Const. Co., 1000 Humboldt
Wisconsin Tunnel & Const. Co., 221 Grand av
Worden-Allen Co. (General), Pt. Washington rd
Wussow H. A. (Grading), 191 Concordia av
Yunker Bros. (Mason), 30th & S Pierce
Zimmermann Geo. E. (Sewers), 3102 McKinley blvd
MONROE—Isely Samuel
Wagner & Bauman
NORTH MILWAUKEE—Coddington Engineering Co. (General)
Ideal Constr. Co. (Sewer)
OCONOMOWOC—Anderson G.
Otto E. O.
Nelson Webster Const. Co.
OSHKOSH—Fluor Bros. Const. Co.
Ganther & Kroyer
Johnson Chris & Son (Sewer & Paving)
Larsen Construction Co. (Street Work)
Marden P. L. & Bro. (Paving)
Meyer C. R. Sons Co.
Rasmussen John & Sons Co. (Sewer, Excavating, Grading, etc.)
PLYMOUTH—Radloff Frank
Schultz C. B.
PORTAGE—Brodie Harry C.
RACINE—Anderson Hans
§Birdsall R. R. Const. Co. (Public)
Cape Jas. & Sons Co. (Sewer, Paving, Excavating, etc)
Galloway P. W. (Breakwater & Harbor)
Gillen Edw. Dock, Dredge & Const. Co. (Dredging, Dock & Harbor)
§Greene F. J. Engng. Wks. (Public)
Harcus Adam H.
Harding E. R. Co.
Jacobson Anton (Mason)
Kapple Andrew C
Nelson Robert (Sewer)
Nelson & Co.
RICHLAND CENTER—Miner Co.
SHEBOYGAN—Ackermann Christ & Sons (Masons)
Braun J. M. (Paving)
Central Constr. Co.
Geib Frank
§Quasins Geo. H.
SUPERIOR—Dauplais A. J.
§Diffor John
Hill Wm. F.
Johnson & Baum
McKenzie Alex (General)
Russell Constr. Co.
Schmidt Bros. (General)
Whitney Bros. Co. (Marine)

TWO RIVERS—Reis John
Wolfe F. L.
WATERTOWN—Bartlett Edward (Sewer, Paving, etc)
Mallow & Kadditz (Masons)
WAUKESHA—Boortz Fred
Butler Constr. Co. (Sewer)
Dwinnell & Laughlin
§Smith Frank S.
WAUPACA—§Knudson H. P.
§Nelson A. G. Lumber Co.
Phillips C. H.
WAUSAU—Anderes John & Son
Krause F. W. (Building, etc)
WEST ALLIS—Marks Bros. Co.
WHITEWATER—Slattery Austin (Cements)
Whitewater Bridge Co.
Whitewater Constr. Co.

3044a—Contractors (Dam, Concrete and Masonry)

McMullen Arthur Co., 149 B'way, New York

3045—*Contractors (Docks, Bulkheads, Foundations)

CHESLEY, EARL & HEIMBACH (Inc.), 26 Breckenridge, Buffalo, N. Y.
RAYMOND CONCRETE PILE CO. (Concrete), 140 Cedar, New York

3046—Contractors (Dredging)

CALIFORNIA.

LOS ANGELES—North American Dredging Co., Central bldg
OAKLAND—Veitch W. T. & Bro.
SAN FRANCISCO—American Dredging Co., 255 California
Dutton Dredge Co., 16 California
Healey-Tibbitts Construction Co.
North American Dredging Co., Mer. Exch. bldg
Pacific Coast Dredging & Reclamation Co., 112 Market
San Francisco Bridge Co., Nevada Bk. bldg

CONNECTICUT.

NEW LONDON—Scott T. A. Co.

FLORIDA.

TAMPA—Hillsboro Dredging Co.

GEORGIA.

SAVANNAH—Globe Dredging Co.
Ross P. Sanford, 16 Bryan, E

ILLINOIS.

CHICAGO—Byrne Bros. Dredging & Engineering Co., 208 S La Salle
Ewing W. R., Inc., 112 W Adams
Fitzsimmons & Connell Dredge & Dock Co., 10 S La Salle
Great Lakes Dredge & Dock Co., 104 S Michigan av
McWilliams R. H. & G. A., 332 S Mich. av
STEWART JAS. & CO. (Inc.), Westminster bldg
PITTSFIELD—Wills A. V. & Sons
ROCK ISLAND—Davis T. B.

INDIANA.

FORT WAYNE—Foohey Timothy Dredging Co.
LAFAYETTE—Ewing & Brockenbrough
LEBANON—Hosford R.
ROYAL CENTER—Indiana Dredging Co.

LOUISIANA.

FRANKLIN—Huth N. G. Dredging Co. (Ltd.)
NEW ORLEANS—Jahncke Navigation Co., 814 Howard av

MARYLAND.

BALTIMORE—McLean Contracting Co., Ft. E Fort av
Maryland Dredging & Contracting Co., Fidelity bldg
Sanford & Brooks Co., Water & Commerce

MASSACHUSETTS.

BOSTON—Bay State Dredging & Contrg. Co., 247 Atlantic av
Breymann G. H. & Bros.
Gerrish Dredging Co., 101 Tremont

MICHIGAN.

BENTON HARBOR—Bakeman Geo. F.
Mills G. A. & Son
DETROIT—Dunbar & Sullivan, Dime Bk. bldg
Gray Edward, ft Orleans
Griffin M. J., 169 Stanton av
Lakeside Dredging Co., Penobscot bldg
HOUGHTON—Pryor Jas. & Son
PORT HURON—Muir-O'Sullivan Dredge & Dock Co.
SAULT SAINTE MARIE—Great Lakes Dredge & Dock Co.
Hickler Bros.

MINNESOTA.

DULUTH—Duluth-Superior Dredging Co.
Great Lakes Dredge & Dock Co.
Northern Dredge & Dock Co.
Zenith Dredge Co.
ST. PAUL—Butler Bros., New York Life bldg

MISSOURI.

ST. LOUIS—Rust & Swift

NEBRASKA.

OMAHA—Crane Fred M. & Co.
Pollard & Campbell

NEW JERSEY.

ATLANTIC CITY—American Coast Co.
Hill Dredging Co.
BAYONNE—Packard R. G. Co.
CAMDEN—Am. Dredging Co.
JERSEY CITY—McSpirit John & Joseph, 118 Wayne
Ross P. Sanford, 277 Wash'n
Stillman F. M. Co., 26 Exchange pl
Taylor Dredging Co., ft Communipaw av
Taylor & Pearson, 196 Virginia av

NEW YORK.

BUFFALO—Buffalo Dredging Co.
Lake Erie Dredging Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Beard, Wm. & Co., Pier 1 Erie Basin
Gahagan Walter H., 147 Remsen

Boroughs of Manhattan and Bronx.

NEW YORK—Atlantic Gulf & Pacific Co., Park Row bldg
Beard Wm. & Co., 59 Pearl
Bickel Chas., F. Co. Inc., 30 Church
Canal Construction Co., 150 Nassau
Du Bois Henry Sons' Co., 17 State
Empire Engineering Co., 6 Church
General Contracting & Engineering Co., 29 B'way
Maritime Dredging Co., 50 E 42d
Merritt & Chapman Derrick & Wrecking Co., 17 Battery pl
Metropolitan Dredging Co. (Hydraulic), 90 West
Morris & Cumings Dredging Co., 17 State
Oroville Dredging, Ltd., 25 Broad
Packard R. G. Co., 133 Greenwich
Spearin, George B., 90 West
Standard Engineering Co., 11 Pine
STEWART JAS. & CO. (Inc.), 30 Church

(End of New York City)

OGDENSBURG—Daly & Hannan Dredging Co.

OHIO.

CINCINNATI—Strack T. P., Goodall bldg
CLEVELAND—American Construction Co. Rockefeller bldg
Central Dredging Co., Swetland bldg
Great Lakes Dredge & Dock Co., Williamson bldg
Robinson Contracting Co., Wade bldg
Rocky River Dry Dock Co., Blunt rd
Sherman-Statler Co.
TOLEDO—Bodette Edward, 704 Boalt
Breyman Geo. H. & Bros., Marine bldg
Gilmore Bros.
Thacher A. Q. Contr. Co., 6 Jefferson av

OKLAHOMA.

OKLAHOMA—Sprankle Co.

OREGON.

PORTLAND—Columbia Digger Co., 180 Burnside

PENNSYLVANIA.

PHILADELPHIA — American Dredging Co., Marine & Merchant bldg
Philadelphia Transportation & Lighterage Co., 119 Walnut
Rickards Dredging Co., Real Estate Trust bldg
River & Harbor Improvement Co., Mariner & Merchant bldg
PITTSBURGH—Enterprise Contracting Co., Bessemer bldg
Monongahela & Western Dredging Co. 7 Wood
Porter H. K. Co., Union Bk. bldg

RHODE ISLAND.

PROVIDENCE—Packard J. S. Dredging Co., Turks Head bldg
Shaw Fred'k E., 126 Melrose

TENNESSEE.

MEMPHIS—Kavanaugh Sand Co., 20 Madison

TEXAS.

GALVESTON—Bowers Southern Dredging Co.
Clarke Charles & Co.
HOUSTON—Arpin J. B.
STEWART JAS & CO. (INC.), 1st National Bank bldg

VIRGINIA.

NORFOLK—Coastwise Dredging Co.
Norfolk Dredging Co.
Sanford & Brooks Co.
PORTSMOUTH—Cross E. & Son Co.
Hoagland E. L.

WASHINGTON.

SEATTLE—American Dredge Building & Construction Co.
Puget Sound Bridge & Dredging Co. (Hydraulic)
TACOMA—Tacoma Dredging Co.

WISCONSIN.

GRAND RAPIDS—Arpin J. B. Dredging Co.
GREEN BAY—Greiling Bros. Co.
MILWAUKEE—Gillen Edw. E. & Co., Ft. Nock
Great Lakes Dredge & Dock Co., 491 Canal
Starke C. H. Dredge & Dock Co., 509 Canal
RACINE—Galloway P. W.
Gillen Edw. Dock Dredge & Const. Co.
SUPERIOR—Whitney Bros. Co.
TWO RIVERS—Two Rivers Dredge & Dock Co.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER

Construction Equipment
FOR SALE OR RENT

STEAM SHOVELS **LOCOMOTIVE CRANES**
LOCOMOTIVES **DUMP CARS**
CONCRETE MIXERS

Hoisting Engines, Derricks, Pumps

All the equipment we offer is in thoroughly *rebuilt* condition

We have the largest shops in the Eastern part of the United States, built exclusively for the repairing of construction equipment.

H. KLEINHANS CO. **Pittsburgh, Pa.**

3046a—*Contractors' Equipments

KLEINHANS H. CO., Union Arcade, Pittsburgh, Pa. *See adv index at end of book*

3047—*Contractors (Painting, Bridge & Structural Steel)

LEAKE A. G. ERECTING CO., Bridgeport, Conn.

Contractors (Paving)

See Contractors, Building & General; also Contractors, Asphalt Paving

3047a—Contractors (Pile Driving)

See also Dock Builders

McMULLEN ARTHUR CO., 149 B'way, New York

3047b—*Contractors (Power House)

McMULLEN ARTHUR CO., 149 B'way, N. Y.

3047c—*Contractors (Railroad)

See Names in Contractors, Building & General, Marked with a (*) Star

3047d—*Contractors (Steam Shovel)

McMULLEN, ARTHUR CO., 149 B'way, New York

3047e—Contractors (Sewers)

See also Contractors, Building & General

McMULLEN, ARTHUR CO., 149 B'way, New York

3048—*Contractors (Water Works)

See also Contractors, Building & General

CHICAGO BRIDGE & IRON WORKS, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book

McDaniel C. E. (Domestic), Ottumwa, Ia.

PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
For branch offices see adv index at end of book

Water Wks Equipment Co., 50 Church, New York

3048a—Contractors (Welding)

See also Welding Autogeneous

K. G. Welding & Cutting Co., 556 W 34th, New York

3049—Contractors (Wood Block Paving)

Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.
Booth & Flinn (Ltd.), 1942 Forbes av, Pittsburgh, Pa.
Consolidated Engineering Co., Culbert bldg, Baltimore, Md.
Creosoted Wood Block Paving Co., Q. & C. bldg, New Orleans, La.
Gaynor Contracting Co., Scranton, Pa.
Hardner Geo. H., Allentown, Pa.
Kraft A. B., York, Pa.
Republic Const. Co., 233 B'way, New York

3049a—*Contractors' Plants

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
KLEINHAUS H. CO., Union Arcade, Pittsburg, Pa. *See adv index at end of book*

3049b—*Contractors' Plants (Asphalt)

See also Contractors' Asphalt

Cummer F. D. & Son Co. (Stationary & Portable), Superior Arcade, Cleveland, O. *See adv index at end of book*

3050—Contractors' Portable Lights

Carbic Mfg. Co., 301 So 55th av, Duluth, Minn.
Kitson Hydro-Carbon Heating & Incandescent Lighting Co., 2819 Oakford, Phila., Pa.
MacLeod Co. (Oil & Acetylene), 2227 Bogen, Cincinnati, O.
See adv index at end of book

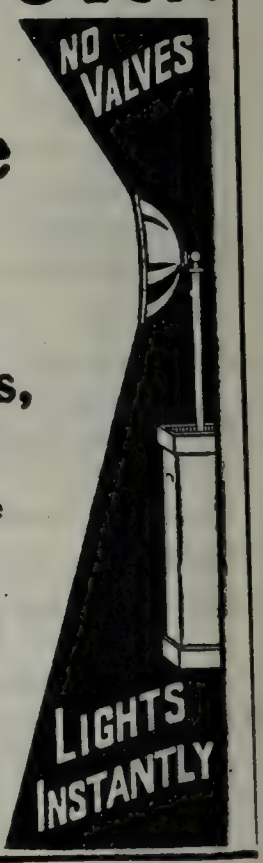
MILBURN A. ALEXANDER CO. ("Milburn," Self-Contained Acetylene), 1420 W Baltimore, Baltimore, Md.
See adv index at end of book

The MILBURN Portable Acetylene Light for Contractors, Railways, Mines, Etc.

50 to 20,000 Candle Power

Stocks Carried at All Principal Cities

The A. Alexander Milburn Co.
1420-26 W. Baltimore Street
BALTIMORE, MD.



Contractors' Portable Saw Rigs

See Sawing Rigs, Portable

3051—Contractors' Supplies (Second-Hand)

Harrison John (Est. of), 169 South, New York
KLEINHAUS H. CO., Union Arcade, Pittsburgh, Pa. *See adv index at end of book*
MacGovern & Co., Inc., 114 Liberty, New York
Mertes Machinery Co., 153 Barclay, Milwaukee, Wis.
Mitshkun M. Co., Detroit, Mich.
Shaw Willis, 80 E Jackson blvd, Chicago, Ill.
U. S. Equipment Co., 208 S La Salle, Chicago, Ill.
Warner P. B., Culloms Station, Cincinnati, O.
Williams Contractors' Supply Co. (Rock Crushers, Cars, Scrapers, Graders, etc), Columbus, O.

3051a—Contractors' Tools & Supplies

See the Specific Article Required

Also Barrows, Various Kinds; Blasting Fuse Caps, etc; Buckets, Dumping, etc; Cars, Various Kinds; Carts, Various Kinds; Concrete Mixers; Crowbars, etc; Crushers, Rock & Ore; Derricks & Derrick Fittings; Dredging Machinery Builders; Drills, Various Kinds; Dynamite Manufacturers; Engines, Hoisting; Hoists, Various Kinds; Jacks, Various Kinds; Locomotive, Industrial and Mine; Picks, Various Kinds; Pile Driving Machinery; Plows, Contractors'; Powder Manufacturers; Pumps, Centrifugal; Railways, Portable; Road Machines and Graders; Rollers, Various Kinds; Rope, Manila and Sisal; Shovels, Steam; Tents, Contractors'; Tools, Various Kinds; Wire Rope; Wire Rope Tramways

Acme Road Machy. Co., Frankfort, N. Y.
American Hoist & Derrick Co., St. Paul, Minn.
Armstrong R. S. & Bro., Atlanta, Ga.
Atlanta Mfg. & Supply Co., Atlanta, Ga.
Austin W. E. Machinery Co., Atlanta, Ga.
Bacon Ed. R. Co., 942 E 4th, Los Angeles, **Cal.**
Bailey-Lebby Co., Charleston, S. C.
Baird Machinery Co. (Machy. & Supplies), 123 Water, Pittsburgh, Pa.
Baker, Barron, Inc., 221 W B'way, New York
Baldwin Frank & Son, 33 South, New York
Barnett G. W. Hardware Co., Montgomery, Ala.
Barrett Hardware Co., Joliet, Ill.
Battey Machinery Co., Rome, Ga.
Bayne Jasper Co., 29 Sullivan, New York
Beals & Co., 44 Terrace, Buffalo, N. Y.
Beggs James & Co., 30 Warren, New York *See adv index at end of book*
Bittenbender Co., Scranton, Pa.
Bond Harold L. Co. (Tools & Machinery), 391 Atlantic av, Boston, Mass.
Bonniwell-Calvin Iron Co., Kansas City, Mo.
Bowman M. K.-Edson Co., 64 Dey, New York
Brandeis Machinery & Supply Co., 331 W Main, Louisville, Ky.
Braunfels, Browning & Co., 1940 Park av, New York
Brown-Camp Hardware Co., Des Moines, Iowa
Carbic Mfg. Co., 301 S 55th av, Duluth, Minn.
Carpenter Geo. B. & Co., 440 N Wells, Chicago, Ill.
Channon H. Co. (Tools & General Supplies), 150 N Market, Chicago, Ill.
Clark-Smith Hardware Co., Peoria, Ill.
Contractors' Equipment Co., 522 1st av, Seattle, Wash.
Contractors Mchy. Exchange, 38 Stanford, San Francisco, Cal.
Contractors' Trading Co., Inc., 232 Fulton, New York
Cotton States Belting & Supply Co., Atlanta, Ga.
Crerar, Adams & Co., 259 E Erie, Chicago, Ill.
Cressman N. C. Co., Drexel bldg, Phila., Pa.
Crook H. E. Co., Inc., 28 Light Baltimore, Md.
Crowe F. T. & Co., Seattle, Wash.
Crozier R. J. Co., N American bldg, Phila., Pa.
Crumley-Sharp Hardware Co., Atlanta, Ga.
Daniels Arthur Co., 13 Park row, New York
Decker Adam Hardware Co., 347 Jackson, St. Paul, Minn.
Dienst A. P. Co., 2604 3rd av, New York
Dobbie Foundry & Machine Co. (Derricks & Fittings, Hoists, etc), Main office & Works: Niagara Falls, N. Y.
Dooley Killian Co., Inc., 26 Cortlandt New York
Dunning Carl Equipment Co., 32 United bldg, Indianapolis, Ind.
Dyar Supply Co., Cambridge, Mass. ***See adv index at end of book***
Empire Mach. & Supply Corp., Norfolk, Va.
Factory Supply Co., 40 E Kinzie, Chicago, Ill.
FAIRBANKS CO., 416 Broome, New York *For branch offices see Alphabetical Section*
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Fitchburg Hardware Co., Fitchburg, Mass.
Fitts F. E. Mfg. & Supply Co., 88 Purchase, Boston, Mass.
Flint & Chester, 237 Lafayette, New York
Fones Bros. Hdw. Co., Little Rock, Ark.
Foster David S. Sons & Co., Utica, N. Y.
Fox Bros. & Co., 126 Lafayette, New York
Frank Henry Jr., 374 Hudson, New York
Franklin Builders Supply & Coal Co., 400 N Broad, Columbus, O.
Frick & Lindsay Co., Robinson, Pittsburgh, Pa.
Geller, Ward & Hasner Hardware Co., 414 N 4th, St. Louis, Mo.
Gray & Dudley Hardware Co., Nashville, Tenn.
Green L. A. (Second Hand), First Natl Bk. bldg, Pittsburgh, Pa.
Green G. S. Co., 74 Warren, New York

GEO. C. MARSH, President
H. W. COOLEY, Secretary and Treasurer

Machinery Warehouse & Sales Co.

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Crushing Plants
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Locomotives
Quarry Cars
Elevators
Screens
Steel Dump Cars
Clam Shell Buckets

Contractors' *and* Railway Equipment

GENERAL OFFICES
745 OLD COLONY BUILDING
CHICAGO

Phones { Harrison 5799
Harrison 6904

Hoisting Engines
Air Compressors
Trench Machines
Drag Line Excavators
Steam Rollers
Cableways
Concrete Mixers
Boilers
Engines

CONTRACTORS' TOOLS & SUPPLIES—continued

Haggerty J. Henry, 50 South, New York
Handlan-Buck Mfg. Co., 210-14 N 3rd, St. Louis, Mo.
Harron, Rickard & McCone, 139 Townsend, San Francisco, Cal.
Hartford Contractors Supply Co., Hartford, Conn.
Harvey Co., 113 South, Baltimore, Md.
Haverstick & Co., Rochester, N. Y.
Haysler Iron Co., 1206 Union, Kansas City, Mo.
Hazleton Machinery & Supply Co., Hazleton, Pa.
Henion & Hubbell, 219 N Jefferson, Chicago, Ill.
Hermitage Hardware Co., Nashville, Tenn.
Hubbard-Floyd Co., Inc. (New & Second-hand), 90 West, New York
Iron City Tool Works (Ltd), 3201 Smallman, Pittsburgh, Pa.
Irving Mfg. & Tool Co., 157 Chambers, New York
Jewell Supply & Equipment Co., 34 So Calvert, Baltimore, Md.
Johnston Wm. T. Co. (Full Line), 3rd & Vine, Cincinnati, O.
Keiser-Van Leer Co., Bloomington, Ill.
Keith, Simmons & Co., Nashville, Tenn.
Kinsey E. A. Co., 331 W 4th, Cincinnati, O.
Koenig Edw. L., 136 W Lake, Chicago, Ill.
Kirk Supply Co., Farmers' Bank bldg, Pittsburgh, Pa.
KLEINHAUS H. CO., Union Arcade, Pittsburgh, Pa.
See adv index at end of book
Lee-Colt Andreesen Hardware Co., Omaha, Neb.
Lindsay J. L., Inc., 1312 E Main, Richmond, Va.
Lines Flynn Co., 30 Church, New York
Livermore Norman B. & Co. (All Kinds of Contractors Machinery), National Bank bldg, San Francisco, Cal.
Loeb Hardware Co., Montgomery, Ala.
Louis John C., 131 S Howard, Baltimore, Md.
LUCEY MFG. CORP., 233 B'way, New York.
For branch offices see Alphabetical Section
McClung C. M. & Co., Knoxville, Tenn.
McCoy Henry J. (Full Line), 65 Dey, New York
McGraw Co., Sioux City, Ia.
McGregor-Noe Hardware Co, Springfield, Mo.
MACHINERY WAREHOUSE & SALES CO. (Contractors' Machinery; All Kinds), Old Colony bldg, Chicago, Ill.
McINNES CHAS. E. & CO., Mariner & Merchants bldg, Phila., Pa.
Magill Hardware Co., Chattannoga, Tenn.
Males Co. (General & R. R.), 2226 Fulton av, Cincinnati, O.
Manning, Maxwell & Moore, 119 W 40th, New York
Manufacturers Selling Co., Trenton, N. J.
Marine Mfg. & Supply Co., 158 South, New York
Marsh Geo. C. & Co., Old Colony bldg, Chicago, Ill.
Marshall-Wells Hardware Co., Duluth, Minn.
Maryland Equipment & Supply Co. (Second Hand), Equitable bldg, Baltimore, Md.

The Henry H. Meyer Company
CONTRACTORS' MACHINERY & SUPPLIES
Also Second-Hand Equipment
Stock for Immediate Shipment
110 S. Howard Street - Baltimore, Md.

MILBURN A. ALEXANDER CO. (Portable Acetylene Lights), 1420 W Baltimore, Md. *See adv index at end of book*
Miller W. B. & Son, Springfield, Ill.
Monighan Machine Co. (Hoisting Engines), 2032 Carroll av, Chicago, Ill.
Moore-Handley Hardware Co., Birmingham, Ala.
Morehouse & Wells Co., Decatur, Ill.
Morton Jas. & Son Co., Omaha, Neb.
Motley Thornton N. & Co., 70 E 45th, New York
Neal B. B. Hardware Co. (Shovels, etc), 117 Leonard, New York
New York Machinery Exchange, 50 Church, New York
Northwestern Iron Works, Seattle, Wash.
Oliver J. H. & Co., 1414 S Penn sq, Phila., Pa.
Pattison W. M. Supply Co., 777 Rockwell av, Cleveland, O.
Patton-Bowman Hardware Co., Omaha, Neb.
Penniman A. C. & Son Hardware Co., Fort Scott, Kans.
Penn Foundry & Mfg. Co., Reading, Pa.
See adv index at end of book
PENN SUPPLY & EQUIPMENT CO., 421 Widener bldg, Phila., Pa.
Perrin, Seamans & Co., 57 Oliver, Boston, Mass.
Phillips Victor L., 7th & Delaware, Kansas City, Mo.
Pidgeon-Thomas Iron Co., Memphis, Tenn.
Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
Pollock Alex. Co., 203 West, New York
Queen City Supply Co., Pearl & Elm, Cincinnati, O.
Railway & Power Equipment Co. (Second-hand, 233 B'way, New York
Richards & Conover Hardware Co., 5th, NW cor Wyandotte, Kansas City, Mo.
Roberts Geo. I. & Bros., 471 4th av, New York
ROE & CONOVER, 206 Frelinghuysen av, Newark, N. J.
See adv index at end of book
ROGERS H. A. CO., 87 Walker, New York
See adv index at end of book
Rogers & Baldwin Hardware Co., Springfield, Mo.
Root, Neal & Co., 178 Main, Buffalo, N. Y.
Rose Tool & Supply Co., 111 Market, Pittsburgh, Pa.
Rumsey L. M. Mfg. Co., 810 N 2d, St. Louis, Mo.
Sachs Wm. A., 1152 Germantown av, Phila., Pa.
Shannon J. Jacob & Co., 1744 Market, Phila., Pa.
Shapleigh Hardware Co., 4th & Washington av, St. Louis, Mo.
Shaw Willis, 80 E Jackson blvd, Chicago, Ill.
Sherburne & Co., 53 Oliver, Boston, Mass.
Sickels & Preston Co., Davenport, Ia.
Simmons Hardware Co., 9th & Spruce, St. Louis, Mo.
Smith T. L. Co., 1151 32nd, Milwaukee, Wis.
Smith-Courtney Co., Richmond, Va.
Smith & Sons Mfg. Co., Kansas City, Mo.
Somers, Fitler & Todd Co., 325 Water, Pittsburgh, Pa.
Southern Supply Co., Norfolk, Va.
Sprague J. P. Co., Rialto bldg, Kansas City, Mo.
Standard Scale & Supply Co. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa.
Strong, Carlisle & Hammond Co., 336 Frankfort av, N W Cleveland, O
Tenn. Mill & Mine Supply Co., Knoxville, Tenn.
Thompson W. A. L. Hardware Co., Topeka, Kan.
Todd-Donigan Iron Co., Louisville, Ky.
Topping Bros. (Picks, Shovels, etc), 122 Chambers, New York
Townley Metal & Hardware Co., 2nd, S W cor Walnut. Kansas City, Mo.
Tucker Tool & Machine Co., 75 Murray, New York
Tullis-Gamble Hardware Co., Montgomery, Ala.
Turner Chas A. (Inc), 3rd av & Chancery, Pittsburgh, Pa.
Virginia Machinery & Well Co., 1319 E Main, Richmond, Va.
Vulcan Supply Co., 120 Sycamore, Cincinnati, O.
Walbridge & Co., 392 Main, Buffalo, N. Y.
Walsh's Sons & Co., Newark, N. J.
Warren Tool & Forge Co., Warren, O.
See adv index at end of book
Watson John B. Co., Witherspoon bldg, Phila., Pa.
Westbrook John D., Inc., Norfolk, Va.
Western Equipment Co., San Francisco, Cal.
Williams Contractors' Supply Co. (Second Hand Rock Crushers, Cars, Scrapers, Graders, etc), Columbus, O.
Williams W. W., Brunson bldg, Columbus, Ohio
Williamson & Cassedy, 526 Market, Phila, Pa.
Wimberly & Thomas Hardware Co., Birmingham, Ala.
Ziegler William H., Temple Court, Minneapolis, Minn.

3052—*Controllers (Automatic Electric)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Rowan Controller Co. The, 308 No Holliday, Baltimore, Md.
Ward Leonard Electric Co. (Automobile, Electric Lighting & Self Starting Dynamos), Mt. Vernon, N. Y.

3052a—Controllers (Chemical Feed)

Builders Iron Foundry ("Venturi"), 9 Codding, Providence, R. I.

3053—*Controllers (Coal & Ore Bridge)

CUTLER-HAMMER MFG. CO. (Electric), 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book

Controllers (Crane)

See Crane Controllers, Electric

Controllers (Draft)

See Regulators, Heat

Controllers (Drum, Electric)

See Controllers, Electric Hoist

3054—Controllers (Electric Elevator)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis *See adv index at end of book*
Automatic Switch Co. (Full Automatic & Electro Magnetic), 4 White, New York
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.
Monitor Controller Co., 514 E Lombard, Baltimore, Md.
Otis Elevator Co., 26th & 11th av, New York
Randall Elevator Door Control Co., 115 Mission, San Francisco, Cal.
Sundh Electric Co., Ave C & Parkhurst, Newark, N. J.
WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, O. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

3055—*Controllers (Electric Fan)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
See adv index at end of book
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

3056—*Controllers (Electric Hoist)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG CO., East Pittsburgh, Pa.
See adv index at end of book

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL REGISTER

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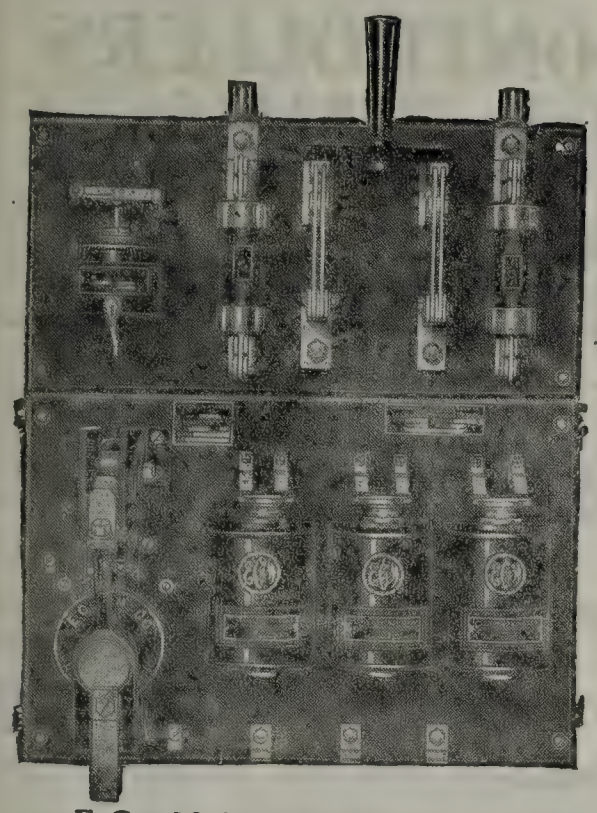

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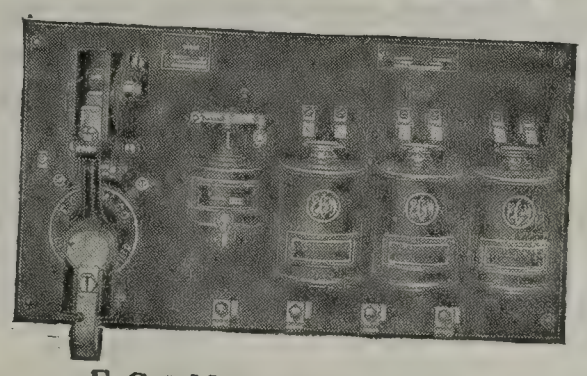

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TORONTO Traders Bank Bldg.
DETROIT Dime Bank Bldg.
CHICAGO 53 W. Jackson Blvd.
BIRMINGHAM Brown-Marx Bldg.

3057—Controllers (Electric Motor)

Allen-Bradley Co. ("Allen-Bradley"), 495 Clinton, Milwaukee, Wis.
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Automatic Switch Co. (Motor Driven Elevator, Alternating & Direct), 4 White, New York
Cline Electric Mfg. Co., Fisher bldg, Chicago, Ill.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
D. & D. Electric Co. (For Sewing Machines), 53 W. 3d, New York
ELECTRIC CONTROLLER & MFG. Co., Cleveland, O. *See adv index at end of book*
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.
Jewell Electric Co., Munsey bldg., Baltimore, Md.
Monitor Controller Co., 514 E Lombard, Baltimore, Md.
National Electric Controller Co., 154 Whiting, Chicago, Ill.
New York Electric Controller Co., 35 Rose, New York
Sundh Electric Co., Ave C & Parkhurst, Newark, N. J.
Union Electric Mfg. Co., 110 Reed, Milwaukee, Wis.
WESTINGHOUSE ELECTRIC & MFG. CO. (For Railway & Industrial Motors), East Pittsburgh, Pa.
See adv index at end of book

3058—*Controllers (Electric Pump)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
ELECTRIC CONTROLLER & MFG. Co., Cleveland, O. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book

3059—Controllers (Electric Speed)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*
Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.
Jewell Electric Co., Munsey bldg, Baltimore, Md.
Lombard Governor Co. (For Water Wheels, etc), Ashland, Mass.
Monitor Controller Co., 514 E Lombard, Baltimore, Md.
MORGAN ENGINEERING CO. (Reversible), Alliance, O.
See adv index at end of book
Sundh Electric Co., Ave C & Parkhurst, Newark, N. J.
Union Electric Mfg. Co., 110 Reed, Milwaukee, Wis.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

3060—Controllers (Emery Wheel Speed)

Ransom Mfg. Co. ("Ransom"), Oshkosh, Wis.

3061—Controllers (Fire & Flame Automatic)

Combustion Utilities Corp., 60 Wall, New York
Weinman C. J. Co., 310 E 2d, Dayton, O.

3062—*Controllers (Machine Tool)

CUTLER-HAMMER MFG. CO. (Electric), 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

3063—*Controllers (Magnetic Switch)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*

3064—*Controllers (Mill Table)

CUTLER-HAMMER MFG. CO. (Electric), 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O.
See adv index at end of book

3065— *Controllers (Motor)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book

3066—Controllers (Printing Press)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.

When writing to firms whose names appear in this book please mention HENDRICKS' COMMERCIAL REGISTER.

Controllers (Pump)

See Governors, Pump; also Controllers, Electric Pump

3067—*Controllers (Railway Motor)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

3068—Controllers (Rate, for Filters, Etc.)

Builders' Iron Foundry ("Venturi"), 9 Codding, Providence, R. I.
Norwood Engineering Co. ("Vivian"), Florence, Mass.
SIMPLEX VALVE & METER CO. ("Simplex"), 110 N Broad, Phila., Pa.

3069—*Controllers (Rheostatic)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

3070—Controllers (Switch Circuit)

Hall Switch & Signal Co. (For R. R. Signal Systems), 50 Church, New York

3070a—Controllers (Synchronous)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

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3071—*Controllers (Temperature)

FOXBORO COMPANY, THE, succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.
See adv index at end of book

3072—Controllers (Thermometer, Electric)

Railway Utility Co. ("Utility"), 721 Fulton, Chicago, Ill.

3073— Controllers (Vacuum)

Haines William S. & Co. ("Haines" Automatic), 12th & Buttonwood, Phila., Pa.

3074— Controllers (Valve)

Beaumont Iron Works Co. ("Martin"), Beaumont, Texas.

3074a—*Controls (Automobile Headlights)

Raydex, Inc., Jamestown, N. Y.

3074b—*Controls-Light (For Automobiles)

Raydex, Inc., Jamestown, N. Y.

3075—Converter Bottoms (Brick)

Haws A. J & Sons (Ltd.), Johnstown, Pa.

3076—Converters (Bessemer)

Bretand J. V. ("Bretand"), W Gd blvd, Detroit, Mich.
Columbiana Boiler Co., Columbiana, O.
Manitowoc Engineering Works, Manitowoc, Wis.
Pennsylvania Engineering Works, New Castle, Pa.
Petroleum Iron Works Co., Sharon, Pa.
Pollock Wm. B. Co., Youngstown, O.
Reeves Bros. Co., Alliance, O.
Riter-Conley Co., Pittsburgh, Pa.
Stoughton Bradley (Removable Bottom), 29 W 39th, New York
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Variety Iron & Steel Works Co., Hamilton av & E 40th, Cleveland, O.

3077— Converters (Copper)

ALLIS-CHALMERS MFG. CO. (Complete Plants), Milwaukee, Wis.
See adv index at end of book
Colorado Iron Works Co., Denver, Colo.
Manitowoc Engineering Works, Manitowoc, Wis.
Traylor Engineering & Mfg. Co., Allentown, Pa.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book

3078— Converters (Electric)

ALLIS-CHALMERS MFG. CO. (Rotary), Milwaukee Wis.
See adv index at end of book
ECK DYNAMO & MOTOR CO., Belleville, N. J. *See adv index at end of book*
Fowler Lamp & Mfg. Co. ("Fowler" for Gas & Oil), 59 E 24th, Chicago, Ill.
Union Iron Works Co. (For Copper), 20th & Michigan, San Francisco, Cal.
Wagner Electric Mfg. Co. ("Wagner" Single Phase, etc), 6400 Plymouth av, St. Louis, Mo.
WESTINGHOUSE ELECTRIC & MFG. CO. (Rotary), East Pittsburgh, Pa.
See adv index at end of book

3079—Converters (Multicycle Vibrating)

Holtzer-Cabot Electric Co., 125 Amory, Boston, Mass.

3080— Converters (Rotary)

Advance Elec. Co., 20 N Commercial, St. Louis, Mo.
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Bodine Elec. Co., 2254 W Ohio, Chicago, Ill.
C. & C. Electric Mfg. Co., Garwood, N. J.
Electric Specialty Co., Stamford, Conn.
Fidelity Elec. Co., Lancaster, Pa.
Holtzer-Cabot Electric Co., 125 Armory, Boston, Mass.
Ideal Elec. & Mfg. Co., Mansfield, O.
Manitowoc Engineering Works. Manitowoc, Wis.
Mechanical Appliance Co., Milwaukee, Wis.
Northwestern Electric Co., 408 S Hoyne av, Chicago, Ill.
Northwestern Mfg. Co., Clinton, 8 Madison, Milwaukee, Wis.
Pan Elec. Mfg. Co., 735 S 4th, St. Louis, Mo.
Peerless Elec. Co., 550 W Harrison, Chicago, Ill., & Warren Co.
Rochester Motor Co., 609 Driving Park av, Rochester, N. Y.
Roth Bros. & Co., 418 W Adams, Chicago, Ill.
U. S. Elec. Mfg. Co., Los Angeles, Cal.
Victor Elec. Corp., Chicago, Ill.
Wagner Electric Mfg. Co., 6400 Plymouth, St. Louis, Mo.
Wesche Electric Co., B. A., 327 W 6th, Cincinnati, O.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

3081—Converters (Steel Casting)

Bayonne Steel Casting Co., Bayonne, N. J.
Exeter Machine Works ("Lilienburg"), Pittston, Pa.
Stoughton Bradley ("Seco"), 29 W 39th, New York
Tropenas Converter Co. (Side Blown), 2243 Nostrand av, Brooklyn, N. Y.
Wharton Wm. Jr., & Co., Inc., Easton, Pa.

3082—Converters (Steel, Side Blown)

Deemer Steel Casting Co. ("Deemer"), New Castle, Del.
Onondago Steel Co., Inc. (High Speed), Syracuse. N. Y.
Tropenas Converter Co., 2243 Nostrand av, New York
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.

3083-4—*Converters (Wire Test)

Fowler Lamp & Mfg. Co. ("Fowler" for Motor Cars & Boats), 59 E 24th, Chicago, Ill.

Conveying Machinery

See Elevating & Conveying Machinery

Conveyor Belts

See Belting Mfrs., Conveyor

3085—*Conveyor Parts (Manganese Steel)

Taylor-Wharton Iron & Steel Co., High Bridge, N. J.

3086— Conveyor Troughs

Chain Belt Co., Milwaukee, Wis.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Hendrick Mfg. Co., Carbondale Pa.
Heyl & Patterson, 51 Water, Pittsburgh, Pa.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av., Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Littleford Bros., 444 E. Pearl, Cincinnati, O.
Nordyke & Marmon Co., 1290 Kentucky, av, Indianapolis, Ind.
Specialty Engineering Co., Trenton & Allegheny, Phila., Pa.

3087— Conveyor Weighers

Link-Belt Co., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry., Phila., Pa. *See adv index at end of book*

Conveyors (Air Pressure)

See Conveyors, Pneumatic

3088— Conveyors (Apron)

Atlanta Mfg. & Supply Co., Atlanta, Ga.
Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
BARTLETT C. O. & SNOW CO., French st, Cleveland, O. *See adv index at end of book*
Chain Belt Co. (Endless), Milwaukee, Wis.
Dow Wire & Iron Works ("Dow" Steel & Wood). Louisville, Ky.
Fairmont Mining Machy. Co., Fairmont, W. Va.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT COMPANY (Steel), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
ROBINS CONVEYING BELT CO., 13 Park row, New York.
See adv index at end of book
Webster Mfg. Co., Tiffin, O.
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.

3089— Conveyors (Ash Can)

Ernst C. K. ("Ernst" for Conveying Ash Cans from Cellar to Sidewalk), Buffalo, N. Y.

3090—*Conveyors (Automatic Power)

Haslett Spiral Chute Co., Westmoreland & 23d, Phila., Pa.
See adv index at end of book

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

3091—*Conveyors (Bag Filler)

Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

3092— *Conveyors (Batch)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

3093— Conveyors (Belt)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, O.
Alvey Mfg. Co., 3201 B'way, St. Louis, Mo.
American Conveyor Co., 3017 La Salle, Chicago, Ill.
American Road Machinery Co. ("Champion"), Kennett Sq., Pa.
Atlanta Mfg. & Supply Co., Atlanta, Ga.
Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
BARTLETT C. O. & SNOW CO., French st, Cleveland, O. *See adv index at end of book*
Batavia Engineering Works (Troughed), Batavia, Ill.
BEAUMONT R. H. CO., Drexel bldg, Phila., Pa. *See adv index at end of book*
Bonnot Company, Canton, O.
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Buchanan C. G. Co., 90 West, New York
Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
Chain Belt Co., Milwaukee, Wis.
Conveying Weigher Co. (Ball Bearing), 90 West, New York
DODGE SALES & ENGINEERING CO. (all types conveyors), Mishawaka, Ind.
Dow Wire & Iron Wks., Louisville, Ky.
Dull Raymond W. Co., 111 W Washington, Chicago, Ill.
Fairmont Mining Machy. Co., Fairmont, W. Va.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Freeman H. C. & Co., 141 Milk, Boston, Mass.
Haslett Spiral Chute Co., Westmoreland & 23d Phila., Pa.
See adv index at end of book
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 B'way, New York
See adv index at end of book
LAMSON CO. (for Carrying Money, Mail & Merchandise of every description), 100 Boylston, Boston, Mass.
La Porte Mat. & Mfg. Co. ("Hercules" Flexible Steel), La Porte, Ind.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Mead-Morrison Mfg. Co., Cor. Prescott & Orleans, East Boston, Mass.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Pittsburgh Conveying Machinery Co., 4th & Duquesne wy., Pittsburgh, Pa.
Pyott Co., 1401 W North av, Chicago, Ill.
ROBINS CONVEYING BELT CO., 13 Park Row, New York.
See adv index at end of book
Savage W. J. Co., Knoxville, Tenn.
Standard Store Service, Inc., Hartford, Conn.
Stephens-Adamson Mfg. Co. ("S-A"), Aurora, Ill.
Strong Homer, Rochester, N. Y.
United Iron Works Co., Kansas City, Mo.
Universal Tube Co., 145 W Ohio, Chicago, Ill.
Webster Mfg. Co., Tiffin, O.
Weller Mfg. Co., 1856 N Kostner av, Chicago Ill.
Wolf Co., Chambersburg, Pa.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

3094— *Conveyors (Bottle)

Jeffrey Mfg. Co. (Dairy), 961 N Fourth, Columbus, O.
See adv index at end of book
Lamson Co., 100 Boylston, Boston, Mass.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

3094a—*Conveyors (Bread)

Jeffrey Mfg. C., 961 N 4th, Clumbus, O.
See adv index at end of book
Werner & Pfleiderer Co.,1232 No. Niagara, Saginaw, Mich.
See adv index at end of book

3095—Conveyors (Brick & Clay)

ALLIS-CHALMERS MFG. CO. (Clay), Milwaukee, Wis.
See adv index at end of book
Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, O.
Alvey Mfg. Co. (Gravity Brick Carriers), 3201 S. B'way, St. Louis, Mo.
American Clay Machinery Co., S Walnut, Bucyrus, O.
Arnold-Creager Co., New London, O.
Atlanta Mfg. & Supply Co., Atlanta, Ga.
Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
BARTLETT C. O. & SNOW CO., French st, Cleveland, O. *See adv index at end of book*
Bonnot Co. (& Clay Elevators), Canton, O.
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Caldwell W. E. Co. (Clay), Louisville, Ky.
See adv index at end of book
Chain Belt Co., Milwaukee, Wis.
Chambers Bros. Co. (Clay), 52d bel. Lancaster av, Phila., Pa.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Fate J. D. Co., Plymouth, O.
Hunt C. W. Co (Clay), West New Brighton, N. Y. *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Leary W. J. Mfg. Co., 411 Rhode Island, Buffalo, N. Y.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
Mathews Gravity Carrier Co. (Gravity Brick Carriers), Elwood City, Pa.
Minnesota Manufacturers' Association (Ball Bearing Gravity), N St. Paul, Minn.
Pittsburgh Conveying Machinery Co., 4th & Duquesne wy, Pittsburgh, Pa
ROBINS CONVEYING BELT CO., 13 Park Row, New York
See adv index at end of book
Savage W. J. Co., Knoxville, Tenn.
Webster Mfg. Co., Tiffin, O.
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.
Wellington Machine Co., Wellington, Ohio

3096— *Conveyors (Bridge)

LINK-BELT CO., 39th & Stewart av, Chicago Ill , & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book

3097— *Conveyors (Bucket)

See also Elevators, Bucket
JEFFREY MFG. CO. (Pivoted), 961 N Fourth, Columbus, O.
See adv index at end of book
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 B'way, New York
See adv index at end of book

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R Ry, Phila., Pa.
See adv index at end of book

Conveyors (Cable)

See Conveyors, Wire Cable; also Tramways Wire Rope

3098— Conveyors (Canners')

Boston Belting Corp., 84 Linden Park, Boston, Mass.
Chain Belt Co., Milwaukee, Wis.
Climax Machinery Co., Indianapolis, Ind
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
HUNT C. W. CO., West New Brighton, N. Y. *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Lamson Co., 100 Boylston, Boston, Mass.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila, Pa
See adv index at end of book
ROBINS CONVEYING BELT CO., 13 Park Row, New York
See adv index at end of book
Webster Mfg. Co., Tiffin, O.
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.

3099— *Conveyors (Cement)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila, Pa.
See adv index at end of book
ROBINS CONVEYING BELT CO., 13 Park Row, New York
See adv index at end of book

3100 Conveyors (Chain)

Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, O.
Alvey Mfg. Co., 3201 S B'way, St. Louis, Mo.
Atlanta Mfg & Supply Co., Atlanta, Ga.
BARTLETT C. O. & SNOW CO., French st, Cleveland, O. *See adv index at end of book*
Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
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Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Garland M. Co. (Steel Chain), Bay City, Mich.
Great Western Mfg. Co., Leavenworth, Kans.
Haslett Spiral Chute Co., Westmoreland & 23d, Phila., Pa.
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Howe Scale Co. of Illinois, 1315 S Wabash av, Chicago, Ill.
JEFFREY MFG. CO., 961 N Fourth Columbus, O. *See adv index at end of book*
Koehler Bros., Saginaw, Mich.
Lamson Co., 100 Boylston, Boston, Mass.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
Mey Chain Belt Co., Buffalo, N. Y.
Pittsburgh Conveying Machinery Co., 4th & Duquesne wy, Pittsburgh, Pa.
ROBINS CONVEYING BELT CO., 13 Park Row, New York
See adv index at end of book
Savage W. J. Co., Knoxville, Tenn.
Stephens-Adamson Mfg. Co. ("S-A"), Aurora, Ill.
United Iron Works Co., Kansas City, Mo.
Webster Mfg. Co., Tiffin, O.
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.

3101—Conveyors (Cinder Pit)

Atlanta Mfg. & Supply Co., Atlanta, Ga.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
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See adv index at end of book
Robertson Wm. & Co. ("Robertson," Pneumatic for Railroads), 20 W Jackson blvd, Chicago, Ill.

Conveyors (Clay)

See Conveyors, Brick & Clay

3102— *Conveyors (Clinker)

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3103-4—Conveyors (Coal & Ash Handling)

See also Coal & Ore Handling Machinery

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ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, O.
American Conveyor Co., 3017 S La Salle, Chicago, Ill.
American Steam Conveyor Corpn. (Steam Jet Ash Conveyors), 326 W Madison, Chicago, Ill.
Atlanta Mfg. & Supply Co., Atlanta, Ga.
Atlas Engineering Co. (For Ashes), Amherst, Ohio *See adv index at end of book*
BARTLETT C. O. & SNOW CO., French st, Cleveland, O. *See adv index at end of book*
Batavia Engineering Works, Batavia, Ill.
Beaumont, R. H. Co., Drexel bldg, Phila., Pa. *See adv index at end of book*
Boston Belting Corp., 84 Linden Park st, **Boston, Mass.**
Brady Jas. A. Fdry. Co. (Steam Jet), 35th & Ashland av, Chicago, Ill.
Brady Jas. A. Fdry. Co., 45th & Western blvd, Chicago, Ill.
Chain Belt Co., Milwaukee, Wis.
DePere Mfg. Co., West DePere, Wis.
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Exeter Machine Works, Pittston, Pa.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Finch Mfg. Co., Scranton, Pa.
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Girtanner-Daviess Engineering & Contracting Co. (Vacuum, Ash Removal System), Chemical bldg, St. Louis, Mo.
Helmick Fdry & Machine Co., Fairmont, W. Va.
Herzler & Henninger Machine Works (For Coal Mines), Belleville, Ill.
Howe Scale Co., of Illinois, 1315 S Wabash av, Chicago, Ill.
HUNT C. W. CO., West New Brighton, N. Y. *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth Columbus, O. *See adv index at end of book*
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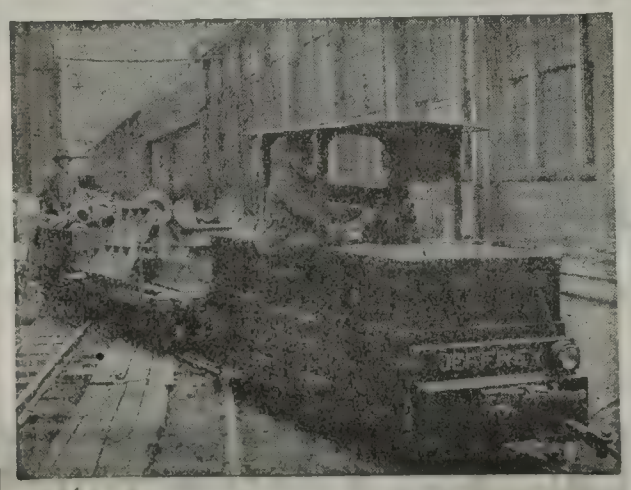

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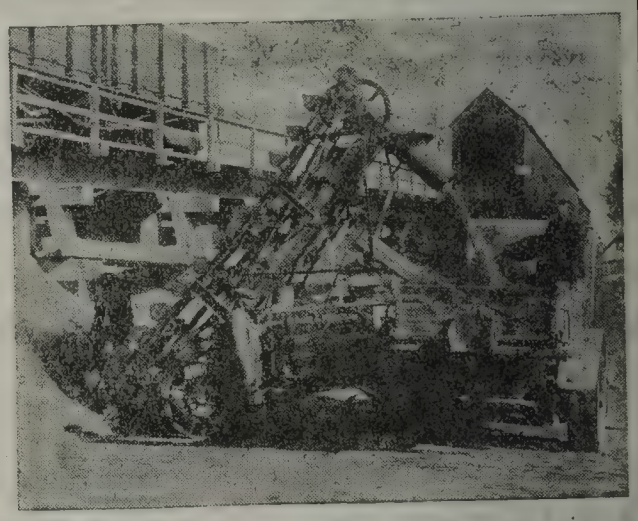

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Conveyors (Flour)

See Conveyors, Grain Elevator

3111— *Conveyors (Freight)

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HUNT C. W. CO., West New Brighton, N. Y. *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

3112—Conveyors (Grain Elevator)

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Atlanta Mfg. & Supply Co., Atlanta, Ga.
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Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
Campbell Peter F., 51 Laurel, Phila., Pa.
Chain Belt Co., Milwaukee, Wis.
Dodge Sales & Engineering Co, Mishawaka, Ind.
Dow Wire & Iron Works ("Dow"), Louisville, Ky.
Essmueller Mill Furnishing Co., 1222 S 8th, St. Louis, Mo.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Great Western Mfg. Co., Leavenworth, Kans.
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Mathews Gravity Carrier Co., Elwood City, Pa.
Moore & Lorenz Co., 2144 W Fulton, Chicago, Ill.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Noye Bros. Co., Buffalo, N. Y.
Pittsburgh Conveying Machinery Co., 4th & Duquesne wy, Pittsburgh, Pa.
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Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.
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See Conveyors, Coal & Ash Handling

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Dow Wire & Iron Works, Louisville, Ky.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Hunt C. W. Co., West New Brighton, N. Y.
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LINK-BELT CO. ("Link-Belt" Discharge Elevator Conveyor), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
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Mathews Gravity Carrier Co., Ellwood City, Pa.
Mead-Morrison Mfg. Co. ("McCaslin" Bucket), cor Prescott & Orleans, East Boston, Mass
Minnesota Manufacturers' Ass'n (Ball Bearing, also Portable on Casters), N St. Paul, Minn.
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Link-Belt Co., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry., Phila., Pa.
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3115—Conveyors (Gravity, Spiral)

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Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
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3117-8— *Conveyors (Hot Metal)

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Conveyors (Ice)

See Ice Handling Machinery

Conveyors (Limestone)

See Conveyors, Rock & Ore

3119— Conveyors (Link Belt)

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Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill , & Hunting Park av & P. & R. Ry, Phila, Pa.
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Mey Chain Belt Co., Buffalo, N. Y.
ROBINS CONVEYING BELT CO., 13 Park Row, New York.
See adv index at end of book
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.

3120—Conveyors (Log & Lumber)

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Chain Belt Co., Milwaukee, Wis.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
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Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Henderson W. K. Iron Works & Supply Co., Shreveport, La.
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Lane Mfg. Co., Montpelier, Vt.
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Minnesota Manufacturers' Ass'n (Gravity Ball Bearing), N St. Paul, Minn.
Robins Conveying Belt Co., 13 Park Row, New York *See adv index at end of book*
Soule Steam Feed Works, Meridian, Miss.
Webster Mfg. Co., Tiffin, O.
Wheland Company, Chattanooga, Tenn.

Conveyors (Lumber & Shingle)

See Conveyors, Log & Lumber

3121—*Conveyors (Mechanical)

HUNT C. W. CO., West New Brighton, *See adv index at end of book*
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Conveyors (Merchandise)

See Carriers, Merchandise

3122—*Conveyors (Molding Sand)

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Clark W. J. Co., Salem, O.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Howe Scale Co. of Illinois, 1315 S Wabash av, Chicago, Ill.
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Pittsburgh Conveying Machinery Co., 4th & Duquesne wy, Pittsburgh, Pa.
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Stephens-Adamson Mfg. Co. (Steel), Aurora, Ill.
Webster Mfg. Co., Tffin, O.
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.

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3126—Conveyors (Pneumatic)

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Caldwell W. E. Co., Louisville, Ky.
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Chain Belt Co., Milwaukee, Wis.
Colorado Iron Works Co., Denver, Colo.
Exeter Machine Works, Pittston, Pa.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Hammond Mfg. Co., Kamm bldg, Portland, Ore.
Hunt C. W. Co., West New Brighton, N. Y.
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See adv index at end of book
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Universal Crusher Co. ("Eureka" & "Universal"), Cedar Rapids, Ia.
Vulcan Iron Works, Wilkes-Barre, Pa.
Webster Mfg. Co., Tiffin, O.
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.

3131—Conveyors (Rolling Mill)

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Garrison A Foundry Co., 901 Bingham, Pittsburgh, Pa.
Heyl & Patterson (Bar, Billet & Slab, etc), 51 Water, Pittsburgh, Pa.
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LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
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Morgan Construction Co., Worcester, Mass.
Robins Conveying Belt Co., 13 Park row, New York *See adv index at end of book*
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

3132—*Conveyors (Rubber Belt)

BEAUMONT R. H. CO., Drexel bldg, Phila., Pa. *See adv index at end of book*
JEFFREY MFG. CO., ("Jeffrey" "Century"), 961 N Fourth, Columbus, O.
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3133-4—Conveyors (Saw Dust)

Allington & Curtis Mfg. Co. (Pneumatic), Saginaw, Mich.
Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, O.
Atlanta Mfg. & Supply Co., Atlanta, Ga.
Boston Belting Corp., 84 Linden Park st, Boston, Mass.
Caldwell W. E. Co., Louisville, Ky.
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Casey-Hedges Co., Chattanooga, Tenn.
Chain Belt Co., Milwaukee, Wis.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
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Lane Mfg. Co., Montpelier, Vt.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Lyon Iron Works, Greene, N. Y.
Memphis Machine Works, Memphis, Tenn.
Peglar Machinery Co., Chattanooga, Tenn.
Robins Conveying Belt Co., 13 Park row, New York *See adv index at end of book*
Savage W. J. Co., Knoxville, Tenn.
Southern Engine & Boiler Works, Jackson, Tenn.
Tomahawk Steel & Iron Works, Tomahawk, Wis.
Webster Mfg. Co., Tiffin, O.
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.

Conveyors (Sawmill)

See Conveyors, Log & Lumber

3135— *Conveyors (Screw)

Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
ROBINS CONVEYING BELT CO., 13 Park row, New York
See adv index at end of book

3136—*Conveyors (Slab & Billet)

ALLIS-CHALMERS MFG. CO. (Slab), Milwaukee, Wis. *See adv index at end of book*
BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*

3137— Conveyors (Spiral)

See also Conveyors, Gravity Spiral

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
See adv index at end of book
Atlanta Mfg. & Supply Co., Atlanta, Ga.
BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
Chain Belt Co. (Steel), Milwaukee, Wis.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Haslett Spiral Chute Co., Westmoreland & 23d, Phila., Pa.
See adv index at end of book
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Lamson Co., 100 Boylston, Boston, Mass.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Moore & Lorenz Co., 2144 W Fulton, Chicago, Ill.
Nazareth Foundry & Machine Co., Nazareth, Pa.
Pittsburgh Conveying Machinery Co., 4th & Duquesne wy, Pittsburgh, Pa.
Pratt Engineering & Machine Co., Atlanta, Ga.
Robins Conveying Belt Co., 13 Park row, New York *See adv index at end of book*
Skillin & Richards Mfg. Co., 4520 Cortland, Chicago, Ill.
Spiral Conveyor Co., 1610 S Rockwell, Chicago, Ill.
Sprout Waldron & Co., Muncy, Pa.
Webster Mfg. Co., Tiffin, O.
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.
Wolf Co., Chambersburg, Pa.

3138— Conveyors (Suction)

Guarantee Construction Co. (For Handling Ashes, Coal, etc), 140 Cedar, New York
Pneumatic Conveyor Co. (For Handling Grain, Coal, Ashes, etc.), 37 W Van Buren, Chicago, Ill.

3139—Conveyors (Wire Cable)

See also Wire Rope Tramways

Atlanta Mfg. & Supply Co., Atlanta, Ga.
Chain Belt Co., Milwaukee, Wis.
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
Garland M. Co., Bay City, Mich.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & & R. Ry., Phila., Pa.
See adv index at end of book
Mead-Morrison Mfg. Co., cor. Prescott & Orleans, East Boston, Mass.
Savage W. J. Co., Knoxville, Tenn.
Standard Store Service, Inc. (For Factory & Post Office), Hartford, Conn.
Webster Mfg. Co., Tiffin, O.

3140— Cookers (Apple Butter)

DUNNING & BOSCHERT PRESS CO., INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Harris Arthur & Co. (Steam), 212 N Curtis, Chicago, Ill.
Hydraulic Press Mfg. Co. (Steam, for Apple Butter), Mount Gilead, O.

Cookers (Cottonseed & Linseed)

See Cottonseed Oil Machinery

3141— Cookers (Feed)

Bovee Furnace Works, Waterloo, Ia.
Champion Milk Cooler Co., Cortland, N. Y.
Donaldson Bros., Mount Clemens, Mich.
Eddy W. Plow Co., Greenwich, N. Y.
Empire Mfg. Co. ("Farmer's Handy"), Quincy, Ill.
Freeland B. F. Sons Co. ("Quick Meal"), Sturgis, Mich.
Freeland Steel Tank Co., Portage, Wis.
Greenville Implement Co., Greenville, Mich.
Heesen Bros. Co., Tecumseh, Mich.
Heller-Aller Co, ("National"), Napoleon, O.
Howell R. R. & Co. ("Minneapolis"), 31st av, Minneapolis, Minn.
Ideal Gas Engine Co. ("Ideal"), Independence, Ia.
Illinois Mfg. & Supply Co., Quincy, Ill.
Kelly Foundry & Machine Co. ("Victor," "Goshen," "American"), Goshen, Ind.
Lehr Agricultural Co., Fremont, O.
Moore Plow & Implement Co. ("Moore"), Greenville, Mich.
Niles Steel Tank Co., Niles, Mich.
Pioneer Mfg. Co., Middlebury, Ind.
Rippley Mfg. & Steel Boat Co. (Steam), Grafton, Ill.
Ross Supply Co. ("Rex"), Greenville, O.
Sperry D. R. & Co., Batavia, Ill.
Star Tank Co. ("Ideal" & "Winner"), Goshen, Ind.
Swift Mfg. Co. ("Swift"), Waterloo, Ia.
Vermont Farm Machine Co. ("Eureka"), Bellows Falls, Vt.
Wehrle Co., Newark, O.
Wisconsin Foundry & Machine Co., Madison, Wis.

3142— Cookers (Fireless)

Caloric Co. ("Caloric"), Janesville, Wis.
Campbell Manson Co., Ltd., Leavitt & Campbell, Detroit, Mich.
Campbell Wm. Co. ("Rapid"), 160 Addison, Detroit, Mich.
Cleveland Natural Gas Supply Co. ("Erie," "Euclid"), 222 High, Cleveland, O.
Deshler Mail Box Co. ("Success"), Deshler, O.
Diller Mfg. Co. ("Thermatic"), Bluffton, O.
Durham Mfg. Co. ("Duplex"), Muncie, Ind.
GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis. *See adv index at end of book*
Grand Rapids Hand Screw Co. "Bakorost"), Grand Rapids, Mich.
Heap & Sons, Grand Haven, Mich.
Household Equipment Co. ("Sears Perfect"), 171 27th av, S. E., Minneapolis, Minn.
Illinois Mfg. & Supply Co., Quincy, Ill.
Seely Frances A. Co. ("Seely Sanitary"), 5735 Harper av, Chicago, Ill.
Stephens Mfg. Co. ("Hygienic"), 67 Carroll, Buffalo, N. Y.
Thermo Mfg. Co., Cleveland, O.
Toledo Cooker Co. ("Ideal"), Toledo, Ohio

3143— Cookers (Fish)

American Process Co., 68 William, New York
Renneburg E. & Sons Co., 2639 Boston, Baltimore, Md.

3144—Cookers (For Fruit & Vegetable Canneries)

Huntley Mfg. Co. (Agitating Cookers), Silver Creek, N. Y.

Cookers (Meal)

See Heaters or Cookers, Meal

3145— Cookers (Steam)

Bramhall-Deane Co., 261 W 36th, New York
Buzzini Walter J., 505 W 21st st, New York
Central Stamping Co., 174 Fulton, New York
Chandle H. P. Sons Co., 114 W Lombard, Baltimore, Md.
Chicago Novelty Co, 1314 Clybourne av, Chicago, Ill
Clad Victor V. Co., 217-219 S 11th, Phila., Pa.
McAleer E J. & Co., 1422 N 8th, Phila., Pa.
National Enameling & Stamping Co., 411 5th av, New York
Republic, Metalware Co., The ("Savory"), Buffalo, N. Y

COOKERS (STEAM)—continued

Sexton S. B. Stove & Mfg. Co. (Cast Iron), 500 Block W Conway, Baltimore, Md.
Standard Aluminum Co. (Aluminum), Two Rivers, Wis.
Toledo Cooker Co. ("Ideal"), Toledo, O.
Western Tin & Japan Mfg. Co. ("Challenge"), 1013 Walnut, Cincinnati, O.
Wolterstorff Range Co., 66 E 3d, St. Paul, Minn.
Wrought Iron Range Co., 5661 Natural Bridge av, St. Louis, Mo.

3146—Cookers (Tomato Pulp & Catsup)

U. S. Bottlers' Machinery Co. ("Fields"), 1033 W Lake, Chicago, Ill.

3147— Cooking Apparatus

Aluminum Goods Mfg. Co. (Kitchen Specialties), Manitowoc, Wis.
Bangs Jno. D. & Co., 421 S Wabash av, Chicago, Ill.
Blickman S. (Steam Tables), 199 Lafayette, New York
Blodgett G. S. Co., Burlington, Vt.
Born Steel Range Co., 3945 W 25th, Cleveland, O.
Bramhall, Deane Co., 261 W 36th, New York
Bucyrus Copper Kettle Wks. (Copper), Bucyrus, O.
Burg E. F. (Hotel Supplies), 224 W 1st, Duluth, Minn.
Buzzini Walter J., 505 W 21st, New York
Carpenter Cyrus & Co., 177 Massachusetts av, Boston, Mass.
Clad Victor V. Co., 217-219 S 11th, Phila., Pa.
Crane Wm. M. Co. ("Vulcan"), 16 W 32d, New York
Dold-Walls Co., 417 Commerce, Phila., Pa.
Dougherty W. F. & Sons, 925 Arch, Phila., Pa.
Duparquet, Hout & Moneuse Co., 110 W 22d, New York
Fischer Wm. G. Stove & Range Co., 328 Plum, Cincinnati, O.
Fuller & Warren Co. (French Cooking), Troy, N. Y.
Globe Stove & Range Co., Kokomo, Ind.
Hutchinson Bros., 5 S Howard, Baltimore, Md.
Illinois Pure Aluminum Co. (Hotel Utensils), Lemont, Ill.
Ils John G. & Co., 839 Mission, San Francisco, Cal.
Ingram W. H., 106 N 3d, Phila,, Pa.
Joesting & Schilling Co. (Hotel Supplies), 379 Sibley, St. Paul, Minn.
Kieffer Bros., Syracuse, N. Y.
Majestic Mfg. Co., 2014 Morgan, St. Louis, Mo.
Malleable Steel Range Mfg. Co., South Bend, Ind.
Mangrum & Otter, 561 Mission, San Francisco, Cal.
Miller A. G. (Coffee Urns), 108 Centre, New York
Miller Wm. Range & Furance Co., 7th & B'way, Cincinnati, O.
Montague Range & Furnace Co. (Hotel & Restaurant), 826 Mission, San Francisco, Cal.
Morandi-Proctor Co., 86 Washington, Boston, Mass.
New York French Range Co., 188 Chambers, New York
Pick Albert & Co. (Hotel Ranges), 212 W Randolph, Chicago, Ill.
Ray Geo. A. Mfg. Co. (Steam Tables), Buffalo, N. Y.
Richardson & Boynton Co., 31 W 31st, New York
Ricketts & Bartlett Range Co, 319 W Randolph, Chicago, Ill.
Russ Co. (Steam Tables), 5700 Walworth av, Cleveland, O.
Sexton S. B. Stove & Mfg. Co., 500 Block W Conway, Baltimore, Md.
Sheppard I. A. Co., Erie av & Sepviva Phila., Pa.
Stearnes Co., 215 N Michigan av, Chicago, Ill.
Traub W. F., 912 Montrose av, Chicago, Ill.
Two Rivers Plating Works, Two Rivers, Wis.
Van John Range Co., 5th & B'way, Cincinnati, O.
Watkins Jas. Y. & Son (Bakers' Ranges), 20 Catherine, New York
Webb Elisha & Son Co. (Marine, also Lighting Apparatus), 136 S Front, Phila, Pa.
Wolterstorff Range Co., 66 E 3d, St. Paul, Minn.
Wrought Iron Range Co., 5661 Natural Bridge av. St. Louis. Mo.

3148—Cooking Apparatus (Electric)

Allmur Mfg. Co., Janesville, Wis.
American Electrical Heater Co. (Heaters, Broilers, etc.), Detroit, Mich.
Bennington Scale Co., Bennington, Vt.
Berkeley Electric Cooker Co., Berkeley, Cal.
Buzzini Walter J., 505 W 21st, New York
Cadillac Electric Mfg. Co., Cadillac, Mich.
Caloric Co., Janesville, Wis.
Clifford L. L. & Co., Marion, Ind.
Copeman Electric Stove Co., Flint, Mich.
Crystal Percolator Co., 44 E 23d, New York
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Despatch Mfg. Co., 104 2nd, Minneapolis, Minn.
Edison Elec. Applicance Co., Inc. (Hotpoint Div), 5600 W Taylor, Chicago, Ill.
Edison Elec. Appliance Co., Inc., 5660 W Taylor, Chicago, Ill.
Elec. Mfg. Co., 59 New Montgomery, San Francisco, Cal.
Elec. Spec. Mfg. Co. (Toasters, Percolators), Benton Harbor, Mich.
Estate Stove Co. (Ovens), Hamilton, O.
Farad Elec. Co., Engineers' bldg, Cleveland, O.
Globe Stove & Range Co., Kokomo, Ind.
Glogan & Co., Dickey bldg, Chicago, Ill.
Hoskins Mfg. Co. (Electric Toasters), 453 Lawton. Detroit. Mich.
Hughes Electric Heating Co. ("Hughes" Stoves & Ranges), 5660 W Taylor, Chicago. Ill.
Idaho Elec. & Mfg. Co., Pocatell, Idaho
ndustrial Elec. Mfg. Co., Boydell bldg, Detroit, Mich.
International Instrument Co. (Electric Ovens), Cambridge, Mass.
Landers, Frary & Clark, New Britain, Conn.
Lindstrom-Smith Co., 1104 S Wabash av, Chicago, Ill.
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
Manning-Bowman & Co., Pratt, Meriden, Conn.
Michigan Stove Co., Jefferson av & Adair, Detroit, Mich.
National Elec. Co., 140 W Austin av, Chicago, Ill.
Pelouze Mfg. Co., 232 E Ohio, Chicago, Ill.
Phelps Mfg. Co. (Electric Toasters), 265 Jefferson av, Detroit, Mich.
Pick Albert & Co. (Hotel Ranges), 212 W Randolph, Chicago, Ill.
Pittsburgh Elec. Spec. Co. (Toaster Disc Stoves), Ross & 1st av, Pittsburgh, Pa.
Presto Elec. Co., 51 2nd, San Francisco, Cal.
Rathbone Sard Co., Albany, N. Y.
Reliance Elec. Htg. Co., Columbia, Pa.
Rochester Stamping Co., Rochester, N. Y.
Rutenber Elec. Co., Marion, Ind.
Ruvio Elec. Co., 50 Broad, New York
S. P. Stove Co., Wilmette, Ill.
Scientific Products Co., Steubenville, O.
Simplex Electric Heating Co. ("Simplex"), Cambridge, Mass.
Standard Elec. Nov. Co., 730 W Randolph, Chicago, Ill.
Standard Elec. Stove Co., 1720 N 12th, Toledo, O.
Standard Stamping Co., Marysville, O.
Stoneware Elec. Stove Wks., Dover, N. J.
Thermo Mfg. Co., Cleveland, O.
Waage Elec. Co. (Toast Stoves), 12 S Jefferson, Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
White-Stokes Co., 3615 Jasper pl, Chicago, Ill.

3149—Cooking Apparatus (Gas)

Blodgett G. S. Co., Burlington, Vt.
Buzzini Walter J., 505 W 21st, New York
Duparquet, Huot & Moneuse Co., 110 W 22d, New York
Meek Oven Mfg. Co., Newburyport, Mass.

3149a—Cooking Utensils (China)

Ohio Pottery Co. ("Ohio"), Zanesville, O.
See adv index at end of book

3150— *Coolers (Air)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
GRISCOM-RUSSELL CO., 92 West, New York. *See adv index at end of book*
Schutte & Koerting Co., 1253 N 12th, Phila., Pa.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

3151— Coolers (Ammonia)

Kast Copper & Sheet Iron Co., 91 Main, Buffalo, N. Y.

3152— Coolers (Beer)

American Spray Co., 26 Cortlandt, New York
Baer A. S. & Son (Imp), 106 Wall, New York
Berner H. D. & Winterbauer Co., 4th av & 12th, New York
Bishop-Babcock-Becker Co., Cleveland, O
Brunswick-Balke-Collender Co., 629 S Wabash av, Chicago, Ill.
Deckebach F. C. Sons Co., 123 W Court. Cincinnati, O.
Hall Amos H. & Sons, 2915 N 2d, Phila., Pa.
Keller George, 1051 Wyckoff av, Brooklyn, N. Y.
Ott Geo. F. Co., 209 Buttonwood, Phila., Pa.
Roos', August Sons, 429 E 91st, New York
Strater Herman & Sons, 74 Sudbury, Boston, Mass.

3153— Coolers (Brine)

American Spray Co., 26 Cortlandt, New York
Arctic Ice Machine Co., Canton, O.
Baker Ice Machine Co., Omaha, Neb.
Carbondale Machine Co., Carbondale, Pa.
Triumph Ice Machine Co. (Shell), Oakley, Cincinnati, O.
Vogt Henry Machine Co., Louisville, Ky.
York Mfg. Co., York, Pa.

3154-5— Coolers (Candy)

Collum Mfg. Co., Hartford, Conn.

3156—Coolers (Circulating Water)

American Spray Co., 26 Cortlandt, New York
Devine J. P. Co., Buffalo, N. Y.

3157— Coolers (Clinker)

Atlas Engineering Co., Amherst, O.
See adv index at end of book
Columbiana Boiler Co., Columbiana, O.
Connery & Co., 2nd & Luzerne, Phila., Pa.
DOVER BOILER WORKS, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Manitowoc Engineering Works, Manitowoc, Wis.
Stearns-Roger Mfg. Co. (Cement Clinker, etc), Denver, Colo.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*

3158—Coolers (Cottonseed & Linseed Cake)

French Oil Mill Mach'y Co., Piqua, O.
Paducah Cooperage Co. (Tight Staves & Heading), Paducah, Ky.

Coolers (Disc)

See Stoneware, Chemical

3159— Coolers (Lard)

Black-Clawson Co., Hamilton, O.
Devine J. P. Co., Buffalo, N. Y.

3160— Coolers (Lead)

Chadwick Boston Lead Co., 162 Congress, Boston, Mass.
Schutte & Koertong Co., 1251 N 12th, Phila., Pa.
Traylor Engineering & Mfg. Co., Allentown, Pa.

3160a— Coolers (Lime)

ATLAS ENGINEERING CO., Amherst, O.
See adv index at end of book

3161— Coolers (Meal)

Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.

3162—Coolers (Milk & Cream)

Burrell D. H. & Co. ("Simplex" Internal Tube & Surface Coolers), Little Falls, N. Y.
Champion Milk Cooler Co., Cortland, N. Y.
Cordley & Hayes ("C. & H."), 7 Leonard, New York
Jones Frank L., Utica, N. Y.
Lewis Mfg. Co. ("Perfection" Aerators), Cortland, N. Y.
Reid A H. Creamery & Dairy Supply Co. (Tubular, Expansion & Cooler & Aerator), 69th & Haverford, Phila., Pa.
Skidd Chas. Mfg. Co. ("Chilly King"), Kenosha, Wis.
Superior Sheet Metal Works Co., 3201 Roosevelt av, Indianapolis, Ind.

3163— Coolers (Oil)

GRISCOM-RUSSELL CO. ("Multiwhirl"), 92 West, New York
See adv index at end of book
Row & Davis Engineers, Inc. (Lubricating), 90 West, New York
Schutte & Koerting Co. ("S. & K." Film), 1251 N 12th, Phila., Pa.

3164— Coolers (Ore)

Stearns-Roger Mfg. Co. ("Baker"), Denver, Colo.
Walker Mfg. Co., Denver, Colo.

3165— Coolers (Rotary)

ATLAS ENGINEERING CO., Amherst, O.
See adv index at end of book
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 B'way, New York
See adv index at end of book
Manitowoc Engineering Works, Manitowoc, Wis.

3166— Coolers (Water)

Aldrich Mfg. Co., Buffalo, N. Y.
American Spray Co., 26 Cortlandt, New York
Boston Filter Co. ("Boston"), Chelsea, Mass.
Blaw-Knox Co., Farmers Bk. bldg, Pittsburgh, Pa.
Briscoe Mfg. Co. ("O-Rib-O"), Woodward & Baltimore avs, Detroit, Mich.
Buffalo Mfg. Co. ("Jewett," "New Era"), Buffalo, N. Y.
Central Stamping Co. ("Puritan"), 172 Fulton, New York
Chandlee H. P. Sons Co., 114 W Lombard, Baltimore, Md.
Consumers' Cooler Co. ("Useit"), Michigan City, Ind.
Cooper & McKee, 110 Lorimer, Brooklyn, N. Y.
Cordley & Hayes ("Fibrotta," "XX Century" Fibre Ware), 7 Leonard, New York
Dover Stamping & Mfg. Co. (Galvanized Tank & "Dover" Wood Jacket), Cambridge, Mass.
Dressel Railway Lamp Works (For Locomotive or Railway Use, with Handle Attached), 3860 Park av, New York
Everson Filter Co. ("Everson"), 70 W Lake, Chicago, Ill.
Fearless Dish Washer Co. ("Barron"), Rochester, N. Y.
Fulper Pottery Co., Flemington, N. J
Gray Peter & Sons, Inc., 286 Third, East Cambridge, Mass.
Ideal Water Cooler Co. ("Ideal"), Monadnock blk, Chicago, Ill.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Kraft A. C. ("Alaskan"), 323 W Lake, Chicago, Ill.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Locker Henry G. Co., 151 E 126th, New York
Major Mfg. Co. (Glass), 120 W 31st, New York
Manning, Bowman & Co., Meriden, Conn.
McKee Glass Co. (All Glass), Jeannette, Pa.
National Enameling & Stamping Co., 411 5th av, New York
New Farson Mfg. Co. (Hardwood), Chester, Pa.
Pick Albert & Co., 212 W. Randolph, Chicago, Ill.
Ray Geo. A. Mfg. Co. (All Copper Nickel Plated), Buffalo, N. Y.
Republic Metalware Co. The, Buffalo, N. Y.
Robinson Clay Product Co. (Stone), Akron, Ohio
Sanitary Cooler Co., Pottstown, Pa.
Sloan Novelty Mfg. Co. ("Sloan"), Kansas City, Mo
Spray Engineering Co. ("Spraco" System, for Condensing Water, Jacket Water, etc.), 93 Federal, Boston, Mass.
Standard Stamping Co. ("Blizzard"), B'way & Chambers, St. Louis, Mo.
Superior Sheet Metal Works Co., 3201 Roosevelt av, Indianapolis, Ind.
Union Cooperage Co. ("U. C."), 2d & Penrose. St. Louis, Mo.

3167— Coolers (Wine)

Ray Geo. A Mfg. Co. (Heavy Brass & Copper, Nickel Plated, Silver Lined, etc), Buffalo, N. Y.

3168— Cooperage Stock

Adams Frank P. (Staves & Headings), Bluffton, Ind.
Adams J. A. & Sons Co. Ltd. (Tight Staves for Whiskey, Oil & Pork Barrels, etc.), Ruston, La.
Adams S. H. (Slack Barrel Staves & Headings), Portland, Ind.
Alabama Cooperage Co. (Yellow Pine Heading, etc), Calera, Ala.
American Stave & Cooperage Co., Chelsea, Mass.
Arkadelphia Milling Co. (Tight Barrel Staves, Kiln Dried & Jointed, Bucked & Sawed; Whiskey, Oil, Tierce & Cut Staves), Arkadelphia, Ark.
Baker-Matthews Mfg. Co. (Staves), Sikeston, Mo.
Beebe Stave Co. (Ash & Cottonwood Staves & Heading & Coiled Elm Hoops), Little Rock, Ark.
Bell Edwin Co, So 17th, Pittsburgh, Pa.
Bettis H. Co. (Slack Cooperage, Staves, Heading, Hoops, etc), Wheeling, W. Va.
Big Run Mfg. Co. (Staves), Allentown, Pa.
Bolz-McBride Cooperage Co. (Slack Staves & Heading), Bank of Commerce bldg, St. Louis, Mo.
Booser Geo. A. (Slack Barrel Stock of Every Description), Corning, Ark.
Bott Bros. Mfg. Co., Alexandria, Mo.
Brooklyn Cooperage Co. (Sugar Barrels, **etc.), 142 Kent av, Brooklyn, N. Y.**
Brown Stave Co. (Ltd.), (Staves), Monroe, La.
Buckeye Stave Co. (Staves, etc), Leipsic, O.
Burdette Cooperage Co. (Staves & Headings), Burdette, Ark.
Burkhartsmeier Daniel Cooperage Co., 7254 S Chicago av, Chicago, Ill.
Cal Barrel Co., 433 California, San Francisco, Cal.
Calcutt N. W. Co. (Tight Barrel Staves & Heading), Dyersburg, Tenn.
Campbell J. M. (Staves), Caldwell, Ark.
Chickasaw Cooperage Co. (Shooks & Barrels), Memphis, Tenn.
Coleman W. H. Co. (Tight Barrel & Circled Heading), Jackson, Tenn.
Colwell Cooperage Co. (Package Stock), 412 Greenwich, New York
Colvin S. S. Stave Co. (Staves, etc.), Pemberville, O.
Cornie Stave Co. (Staves, etc), Junction City, Ark.
Courtney Co., Charleston, W. Va.
Delta Stave Co. (Ltd.), (Staves), Lanesille, La.
Dinwiddie Stave Co. (Gum, Syrup, Glucose Staves & Heading), Louisville, Ky.
Doud Sons & Co., Winona, Minn.
Earl Cooperage Co. (Slack Ash & Elm Barrel & Butter Tub Stock), Earl, Ark.
Eberhard & Splater (Staves), Troy, Ind.
Export Cooperage Co. (Slack & Tight), Leslie, Ark.
Farmers' Mfg. Co. (Slack Cooperage, Staves, Headings & Hoops), Norfolk, Va.
Finke Bros. (Staves, etc), Portland, Ore.
Flint Hill Cooperage & Lumber Co. (Barrel, Staves & Headings), Flint Hill, Va.
Fostoria Stave & Barrel Co. (Staves, etc.), Fostoria, O.
Fuqua J. J. (Tight Stock, White & Red Oak, Sawn Staves & Heading), Milan, Tenn.
Galeton Stave & Heading Co. (Staves & Headings), Galeton, Pa.
General Cooperage & Timber Co., Whitney Central bldg, New Orleans, La.
Genessee Cooperage Co. (Staves & Headings), Elba, N. Y.
Gotshall Mfg. Co., Archbold, O.
Greif Bros. Cooperage Co. (All Kinds of Slack Stock), 1937 Willey av, Cleveland, O.
Griffith Robt. C. (Hoopes), Terre Haute, Ind.
Grismore-Hyman Co. (Slack Barrel), Memphis, Tenn.
Grosselfinger Geo. (For Brewers), 52 Water, New York
Gulf Cooperage Co. (Barrel Shooks, etc), **Frick Annex, Pittsburgh, Pa.**
Hall Jas B. (Beer Staves & Heading, etc), Lexington, Ky.
Hall N. B. & Sons (Slack Barrel Headings), Decatur, Ala.
Hall W. P. Stave Co. (Slack Stock, also White Ash Butter Tub Staves), Memphis, Tenn.
Hamlin J. H. & Son, Portland, Ore.
Hampton Stave Co. (Tight Stave Stock), Fordyce, Ark.
Harlan-Morris Mfg. Co. (Barrel Staves & Circled Heading), Jackson, Tenn.
Harrison John F. (Staves), Bienville, La.
Hawk A. J. Sons (Hoops, etc), Rockford, O.
Hayes A. L. Co. (Staves), Nashville, Tenn.
Henning E., Inc. (Staves, Headings & Hooks), 39 S La Salle, Chicago, Ill.
Heidt C. & Son (Staves, Headings & **Hoops), 64 Fairmount, Jersey City,** N. J.
Hickory Run Mfg. Co. (Staves), Allentown, Pa.
Hire Stave & Tile Co. (Staves, etc.), Mark Center, O.
Hoge H. H. (Hoops, etc), New Knoxville, O.
Holland S. G. Stave Co. (Staves), Nashville, Tenn.
Hollingshead J. D. Co., 208 S La Salle, Chicago, Ill.
Hornung Jacob (Staves, Hoops, etc), New Bavaria, O.
Hudson & Dugger Co. (Headings), Memphis, Tenn.
Humble W. H. (Staves), Holly Grove. La.
Humboldt Cooperage Co. (Staves & Heading), Arcata, Cal.
Jackson & Tindle (Slack Staves, Heading & Hoops), Buffalo, N. Y.
Keaton Bros. (Staves), Memphis, Tenn.
Knabb & Co., Warren, Pa.
Louisiana Cooperage Co. (Staves & Headings), Plaquemine, La.
McLean I. F. (Tight Stock), Nashville, Tenn.
Major Stave Co. (Tight Stock, White & Red Oak & Ash Staves), Ashdown, Ark.
McColgan J. W. (Staves), Dexter, Mo.
McNeill Cooperage Co., (Slack Barrels), Phillipsburg, N. J.
Memphis Stave Mfg. Co. (Slack Stock, Elm, Gum, Sycamore, etc), Memphis, Tenn.
Mill Shoals Cooperage Co. (Slack Stock Gum, Sycamore, Elm & Ash), Mill Shoals, Ill.
Miller G. L., Java, N. Y.
Moeller John H. (Staves & Headings), Mt. Vernon, Ind.
Moore L. E. Stave Co. (Beer Staves, etc), **Weis bldg, New Orleans, La.**
Mt. Olive Stave Co. (Tight Staves & Heading), Batesville, Ark.
Myers Stave Corp. (Tight Staves), Dwale, Va.
National Cooperage & Woodenware Co. (Tight, White Oak & Gum Staves & Heading), Peoria, Ill.
National Mfg. Co. (Slack), Dime Savings Bank bldg, Detroit, Mich.
Noble Wm. K. (Slack Barrel), Ft. Wayne, Ind.
Northern Ohio Cooperage & Lumber Co. (Slack Staves), Parkin, Ark.
Ohio Stave Co. (Staves etc), Cardington, O.
Omaha Cooperage Co. (Tight & Slack Barrels), Omaha, Neb.
Ozark Cooperage & Lumber Co. (Gum Staves, etc), International Life bldg, St. Louis, Mo.

COOPERAGE STOCK—continued
Palmer Lowell M. (Staves & Heading), 78 Beekman, New York
Pekin Cooperage Co. (Tight), Pekin, Ill.
Pennoyer J. C. Co. (Slack & Tight), 226 S La Salle, Chicago, Ill.
Pennypacker W. G., Jr. (Slack Stock), Mutual Life bldg, Buffalo, N. Y.
Pensacola Cooperage Co. (Tight Barrel Staves & Circled Heading), Pensacola, Fla.
Pioneer Cooperage Co. (Tight), 2212 De Kalb, St. Louis, Mo.
Port Arthur Cooperage Co. (Oil Barrel Staves & Headings), Port Arthur, Tex.
Pointe Coupee Stave & Lumber Co. (Staves), New Orleans, La.
Ritzwoller M. H. Co. (Tight Staves, Sawed & Bucked, Liquor, etc.), 2119 W 48th & Hoyne av, Chicago, Ill.
Roper J. L. Lumber Co. (Tank Planks or Staves), Norfolk, Va.
Russell Frank B. (Beer Staves), Louisville, Ky.
Sandusky Cooperage & Lumber Co. (Hoops, Staves & Heading), Galion, O.
Schinnerer Geo. (Slack Staves & Hoops), Columbus, Ind.
Schweickhard Jacob (Hoops, etc), Tiffin, O.
Skuse Cooperage (Slack), Rochester, N. Y.
Southern Cooperage Co. (Staves, Headings & Hoops), 3160 Chartres, New Orleans, La.
Southern Cooperage Co. (Slack Barrel Heading Keg Staves, etc), Claremont, Va.
Southern Roller Stave & Heading Co. (Staves, Headings, etc), Elizabeth City, N. C.
Sutherland, Innes Co. (Slack & Tight, Keg, Barrel, Hogshead, Pipe & Cask Staves), 29 B'way, New York
Tennessee Hoop Co. (Coiled Elm Hoops), Memphis, Tenn.
Trexler Cooperage Co. (Slack), Allentown, Pa.
Union City Hoop & Lumber Co. (Coiled Elm Hoops), Union City, Ind.
Union Cooperage Co. (Light Cooperage for all Purposes), 2d & Penrose, St. Louis, Mo.
Union Lumber & Barrel Co. (Barrel Heads & Staves), Union, Me.
Vail Cooperage Co. (Slack Barrels, Staves & Hoops), Ft. Wayne, Ind.
Van Aken C. M. Cooperage Co. (Slack Barrel Staves & Heading, Elm Hoops for Flour, Sugar, Lime, Cement, Fruit, etc), 141 B'way, New York
Voltermann F. H. (Tight, White & Red Oak, Ash, Gum & Cypress), Brownsville, Tenn.
Walsh Mfg. Co. (Keg & Barrel Hoops & Staves), 72 S 9th, Pittsburgh, Pa.
Wamsley A. S. (Hoops), Stout, O.
Wauseon Lumber & Supply Co. (Hoops), Wauseon, O.
Welch Stave & Heading Co. (Beer Keg Staves & Heading), Monterey, Tenn.
Weldon Stave Co. (Staves), Weldon, Ark.
Western Cooperage Co., Portland, Ore.
Whitehouse & Dyer (Slack & Tight), Columbia, Tenn.
Williams S. C. & Co. (Slack, for Pottery Packages), East Liverpool, O.
Wilson-Wrape W. W. Stave Co. (Tight, Specialty Whiskey Staves), Little Rock, Ark.
Wylie & Wilson (Slack), Saginaw, Mich.
Wynne Stave Co. (Tight Barrel Staves), Wynne, Ark.

3169— Cooper's Supplies

Godfrey John F., Elkhart, Ind.
Hynson Tool & Supply Co. (Tools & Supplies), 4758 Easton av, St. Louis, Mo.

3170— Coops (Poultry)

Bumpass Coop Co. (Brood), Bumpass, Va.
Defiance Box Co. ("New Royal," "Sites"), Defiance, O.
Defiance Welding Co. (Steel Feeding), Defiance, O.
Delphos Mfg. Co. (Galvanized), 1st & Pierce, Delphos, O.
Excelsior Stone & Mfg. Co., Quincy, Ill.
Foster Sheet Metal Co. (Galvanized), Springfield, Ill.
Hawkeye Pump Co. (Brood), Fairfield, Ia.
Hornbrook-Price Co. (Brood), 1970 Madison av, Indianapolis, Ind.
Kretchmer Mfg. Co., Council Bluffs, Ia.
Niemann Bros. (Brood), Mt. Olive, Ill.
Northwestern Stamping Co., Burlington, Ia.
Omaha Box Co., Omaha, Neb.
Otselic Mfg. Co. (Brood), Whitney Point, N. Y.
Reeves Mfg. Co., Dover, O.
Superior Sheet Metal Works Co. (Metal), 3201 Roosevelt av, Indianapolis, Ind.
Timm C. G., Osceola, Neb.
Union Steel Products Co., Ltd. (Sanitary, All Steel), Albion, Mich.
United Steel & Wire Co. (Exhibition & Shipping), Battle Creek, Mich.
Weber & Kirch Mfg. Co., Keokuk, Ia.

Copal Gum Importers

See Varnish Gums

3170a—*Copaloy Bearing Metal

Michigan Smelting & Refining Co. (Copper), Detroit, Mich.
See adv index at end of book

3170b— Copper Acetate

Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

Copper Angles, Channels, Etc.

See Brass & Copper Angles, Channels, etc.

3171—Copper (Bolt & Bar)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
American Smelting & Refining Co., 120 B'way, New York
Baltimore Copper Smelting & Rolling Co., Canton, Baltimore, Md.
Bridgeport Brass Co., Bridgeport, Conn.
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
Hendricks Bros., 49 Cliff, New York
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York
Hussey C. G. & Co., 2850 2d av, Pittsburgh, Pa.
Rome Brass & Copper Co. (Hard & Soft Drawn Copper Bar), Rome, N. Y.
Tacoma Smelting Co., Tacoma, Wash.
Taunton-New Bedford Copper Co., Taunton, Mass.
Trumpbour-Whitehead Brass & Copper Co., 309-311 Canal, New York, & 43 N 7th, Phila., Pa.
See adv index at end of book
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven Conn.
See adv index at end of book
United States Reduction & Refining Co., Colorado Springs, Colo.
WHITEHEAD METAL PRODUCTS CO., 67-73 Washington, North Boston, Mass.
See adv index at end of book

3172— Copper Bottoms

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Baltimore Copper Smelting & Rolling Co., Canton, Baltimore, Md.
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
Hungerford U. T. Brass & Copper Co. (Pits & Flats), 80 Lafayette, New York
Hussey C. G. & Co., 2850 2d, Pittsburgh, Pa.
MERCHANT & EVANS CO. (Pits & Flats), 2035 Washington av, Phila., Pa.
See adv index at end of book
Michigan Copper & Brass Co., Detroit, Mich.
New Haven Copper Co., Seymour, Conn.
Rome Brass & Copper Co., Rome, N. Y.
Taunton-New Bedford Copper Co., Taunton, Mass.
TRUMPBOUR-WHITEHEAD BRASS & COPPER CO., 309-311 Canal, New York, & 43 N 7th, Phila., Pa.
See adv index at end of book
Whitehead Metal Products Co., 67-73 **Washington, No. Boston, Mass.**
See adv index at end of book

3172a — Copper (Boron)

American Boron Products Co., Reading, Pa.

Copper (Braziers')

See Copper Bottoms

3172b— Copper Carbonate

Fuller Ralph E. & Co., Inc., 2 Rector, New York *See adv index at end of book*
General Platers Supply Co., 489-493 Broome, New York

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Lockport Chemical Wks., Lockport, Ill.
Wiarda John C. & Co. (Precipitated, Dry & Plaster), 273 Greene, Brooklyn, N. Y.

3172b1—* Copper (Cobalt)

Metal & Thermit Corp., 120 B'way, New York *See adv index at end of book*

Copper Coils

See Pipe Bends & Coils

3172c— Copper Cyanide

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

3173— *Copper Dealers

LEAVITT C. W. & CO., 34 Church, New York *See adv index at end of book*

Copper Dealers (Sheet)

See Tin Plate, Metals, etc.

3174—Copper (Dynamo Brush)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
Eureka Co., North East, Pa.
MERCHANT & EVANS CO., 2035 Washington av, Phila., Pa.
See adv index at end of book
Michigan Copper & Brass Co., Detroit, Mich.
Rome Brass & Copper Co. (Brush & Battery Copper, Annealed or Hard), Rome, N. Y.
Taunton-New Bedford Copper Co., Taunton, Mass.

3175—Copper (Electric & Foil)

Benson H. K. & F. S., Glen-Ridge, N. J.

3176—Copper Fire Box Sheets

Baltimore Copper Smelting & Rolling Co., Canton, Baltimore, Md.
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
Hendricks Bros., 49 Cliff, New York
Hussey C. G. & Co., 2850 2d, Pittsburgh, Pa.
Michigan Copper & Brass Co., Detroit, Mich.
Taunton-New Bedford Copper Co., Taunton, Mass.

3177—Copper for Commutator Bars

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
Eureka Co., Northeast, Pa.
Hendricks Bros., 49 Cliff, New York
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York
MERCHANT & EVANS CO., 2035 Washington av, Phila., Pa.
See adv index at end of book
Taunton-New Bedford Copper Co., Taunton, Mass.
Trumpbour-Whitehead Brass & Copper Co., 309-311 Canal, New York, & 43 N 7th, Phila., Pa.
See adv index at end of book
Whitehead Metal Products Co., 67-73 **Washington, North Boston, Mass.**
See adv index at end of book

3178— Copper (Manganese)

Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.
American Alloys Co., American bldg, Baltimore, Md.
Crescent Phosphorized Metal Co., 2314 Wood, Phila., Pa.

DAMASCUS BRONZE CO. ("Damascus", 10%, 20%, 30%), N S Pittsburgh, Pa. *See adv index at end of book*
Electric Smelting & Aluminum Co., Lockport, N. Y.
Lang R. F. ("Royal"), 8 Bridge, New York
METAL & THERMIT CORP., 120 B'way, New York *See adv index at end of book*
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
Riverside Metal Co., Riverside, N. J.
Roessler & Hasslacher Chemical Co., 100 William, New York
United States Reduction Co., E Chicago, Ind.

3178a— Copper Nitrate

General Chemical Co., 25 Broad, New York
Merrimac Chemical Co., 148 State, Boston, Mass.

Copper, Ores, Mattes & Bullion

See Ores, Copper

3178b— Copper Oxide

Drakenfeld B. F. & Co., 50 Murray, New York
Feuchtwanger L. & Co., 36 Liberty, New York
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Viarda Jno. C. & Co., 273 Greene, Brooklyn, N. Y.

3179— Copper (Polished)

Hussey C. G. & Co., 2850 2d, Pittsburgh, Pa.
New Haven Copper Co., Seymour, Conn.
North American Copper Co., 52 Vanderbilt av, New York
Taunton-New Bedford Copper Co., Taunton, Mass.
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn. *See adv index at end of book*

3179a— Copper Producers

Miami Copper Co., 61 B'way, New York
Tennessee Copper Co., 61 B'way, New York

3180—Copper Refiners (Electrolytic)

American Smelting & Refining Co., 120 B'way, New York; Works: Perth Amboy, N. J.
Anaconda Copper Mining Co., Anaconda, Mont.
Balbach Smelting & Refining Co., 580 Market, Newark, N. J.
Baltimore Copper Smelting & Rolling Co., Canton, Baltimore, Md.
Clendenin Bros., Central av & Fawn, Baltimore, Md.
Nichols Copper Co., 25 Broad, New York
Raritan Copper Works, 42 B'way, New York
Seligman Arthur, 165 B'way, New York
Tacoma Smelting Co., Tacoma, Wash.
Turukawa & Co., Ltd. (Imp), 120 B'way, New York
U. S. Metals Refining Co., 120 B'way, New York
United States Smelting Co., 120 B'way, New York

3181— Copper (Roll)

AMERICAN BRASS CO., Waterbury, Conn. *For branch offices see adv index at end of book*
Baltimore Copper Smelting & Rolling Co., Canton, Baltimore, Md.
Bridgeport Brass Co., Bridgeport, Conn.
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York
Hussey C. G. & Co., 2850 2d, Pittsburgh, Pa.
Michigan Copper & Brass Co., Detroit, Mich.
National Brass & Copper Co., Lisbon, O.
Plume & Atwood Mfg. Co., Waterbury, Conn.
TRUMPBOUR-WHITEHEAD BRASS & COPPER CO., 309-311 Canal, New York, & 43 N 7th, Phila., Pa. *See adv index at end of book*
WHITEHEAD METAL PRODUCTS CO., 67-73 Washington, North Boston, Mass. *See adv index at end of book*

3182a— Copper Scale

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

3182— *Copper (Scrap)

Knight Iron & Metal Co., 27th to 28th, 1st av, Birmingham, Ala.
LEAVITT C. W. & CO., 34 Church, New York *See adv index at end of book*
Standard Underground Cable Co., Pitts, Pa.

Copper (Sheet)

See Copper & Brass Sheet

3183—Copper Sheets (Cold Rolled & Annealed)

North American Copper Co., 52 Vanderbilt av, New York
Taunton-New Bedford Copper Co., Taunton, Mass.

3184— Copper (Silicon)

Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.
DAMASCUS BRONZE CO. ("Damascus Guaranteed" 10%, 20%, 30%) N S Pittsburgh, Pa. *See adv index at end of book*
Electric Smelting & Aluminum Co., Lockport, N. Y.
Lang R. F. ("Royal"), 8 Bridge, New York
LEAVITT C. W. & CO., 34 Church, New York *See adv index at end of book*
Roessler & Hasslacher Chemical Co., 100 William, New York

3185— Copper Sulphate

See also Chemicals, Battery

Am. Metal Co., 61 B'way, New York
American Smelting & Refining Co., 120 B'way, New York
Beer, Sondheimer & Co., Inc. (Selling Agts.), 61 B'way, New York
Domestic Chemical Corp., Maspeth & Gardner avs, Brooklyn, N. Y.
Drakenfeld B. F. & Co. (Imp), 50 Murray, New York
Fergusson Bros., 109 Chestnut, Phila., Pa.
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
General Chemical Co. (Blue Stone), 25 Broad, New York
Glogan & Co., Dickey bldg, Chicago, Ill.

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Irvington Smelting & Refining Works, Irvington, N. J.
Klipstein A. & Co., 644 Greenwich, New York
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Mountain Copper Co. (Ltd.), ("Morocco" Bluestone), 322 Pine, San Francisco, Cal.
Nichols Copper Co., 25 Broad, New York
Partola Mfg. Co., 160 2d av, New York
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

3185a— Copper Sulphide

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

3186— Copper (Tinned)

Baltimore Copper Smelting & Rolling Co., Canton, Baltimore, Md.
Hussey C. G. & Co., 2850 2d, Pittsburgh, Pa.

Copper Tubes

See Tubing, Brass & Copper

3187—Copper Ware (Stamped, Plated, Etc.)

Atlantic Stamping Co., 156-180 Ames, Rochester, N. Y.
Burton W. J. Co. (Tea Kettles), Junction & Federal, Detroit, Mich.
Gem Stamped Steel Co. ("Gem" Coffee Pots), Chelsea, Mass.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Lisk Mfg. Co. (Ltd.) ("Lisk" Nickel Plated), Canandaigua, N. Y.
Manning, Bowman & Co., Meriden, Conn.
Ray Geo. A. Mfg. Co., Buffalo, N. Y.
Rochester Stamping Co. ("Royal Rochester"), Rochester, N. Y.
Rome Mfg. Co. ("Rome" Tea Kettles, Coffee Pots, Boilers, etc.), Rome, N. Y.
Sweeney W. H. Mfg. Co., 30 Main, Brooklyn, N. Y.

When writing to firms listed in this Book please mention

Hendricks' Commercial Register

IT WILL BE OF MUTUAL BENEFIT

WIRE
RODS
SHEETS

BRASS & COPPER

SEAMLESS
AND
BRAZED
TUBES

PHOSPHOR BRONZE and GERMAN SILVER
RIVETS—BOLTS and NUTS—NAILS—SCREWS
LARGE STOCK IN BOSTON AND NEW YORK

WHITEHEAD METAL PRODUCTS CO.
67-73 WASHINGTON ST., NORTH BOSTON MASS.

TRUMPBOUR-WHITEHEAD BRASS & COPPER CO.
309-311 CANAL ST. NEW YORK and
43 NORTH SEVENTH, PHILADELPHIA, PA.

3188—Copper Work (Dyers')

American Copper & Brass Works, Cincinnati, O.
Badger E. B. & Sons Co., 75 Pitts, Boston, Mass.
Grebenzik H. & Son, N Paterson, N. J.
Northwestern Copper & Brass Works, 59 W 3rd, St. Paul, Minn.
Rome Metal Co., Rome, N. Y.
Taunton-New Bedford Copper Co., Taunton, Mass.
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.

3189—Copper & Brass (Sheet)

ALLOY STEEL PRODUCTS CORP., 30 Church, New York
See adv index at end of book
AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Baltimore Copper Smelting & Rolling Co. (Copper Only), Canton, Baltimore, Md.
Besly Chas. H. & Co. (Jobbers), 120 N Clinton, Chicago, Ill.
Bridgeport Brass Co., Bridgeport, Conn.
Bristol Brass Co. (Brass Only), Bristol, Conn.
CHASE METAL WORKS, Waterbury, Conn.
CHASE ROLLING MILL CO., Waterbury, Conn.
Cleveland Brass & Copper Mills, Inc., 321-24 Guardian bldg, Cleveland, O.
Connecticut Brass & Mfg. Corp., Waterbury; & West Cheshire, Conn.
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
Gardner B. M. Co., Guardian bldg, Cleveland, O.
Hendricks Bros. (Copper Only), 49 Cliff, New York
Hough W. S., Jr., Co., 61 Peck, Providence, R. I.
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York
Hussey C. G. & Co. (Copper Only), 2850 2d, Pittsburgh, Pa.
Marwedel C. W., 76 1st, San Francisco, Cal.
MERCHANT & EVANS CO. (Jobbers), 2035 Washington av, Phila., Pa.
See adv index at end of book
Metal Products Co., Inc., 100 So Jefferson, Chicago, Ill.
See adv index at end of book

COPPER
SHEET, ROD, TUBE, ANODES, INGOT, WIRE
METAL PRODUCTS CO.
100 South Jefferson Street, Chicago, Ill.

Michigan Copper & Brass Co., Detroit, Mich.
MIDGLEY & PRENTICE, INC., 30 Church, New York *See adv index at end of book*

Buyers of
SURPLUS STOCKS
MACHINERY,
Hardware, Steel, Wire, Brass and Copper Products
Midgley & Prentice, Inc.
30 Church St., New York City

National Brass & Copper Co., Lisbon, O.
New England Brass Co., Taunton, Mass.
New Haven Copper Co. (Copper Only), Seymour, Conn.
North American Copper Co., 52 Vanderbilt av, New York
Philadelphia Brass Co., East Downington, Pa.
Plume & Atwood Mfg. Co. (Brass), Waterbury, Conn.
Randolph-Clowes Co., Waterbury, Conn.
Riverside Metal Co. (Brass Only), Riverside, N. J.
Rome Brass & Copper Co., Rome, N. Y.
SCOVILL MFG. CO. (Brass Only), Waterbury, Conn. *See adv index at end of book*
Selby Smelting & Lead Co. (Copper), 201 1st, San Francisco, Cal.
Seymour Mfg. Co., Seymour, Conn.
Somers Co., Inc. (Thin Gage), Waterbury, Conn.
Stamford Rolling Mills Co., Springdale, Conn.
Taunton-New Bedford Copper Co. (Copper Only), Taunton, Mass.
TRUMPBOUR-WHITEHEAD BRASS & COPPER CO., 309-311 Canal, New York, & 43 N 7th, Phila., Pa.
See adv index at end of book
Twentieth Century Brass Works (Brass), 514 Fifth av, S. Minneapolis, Minn.
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
See adv index at end of book
Waterbury Rolling Mills (Brass), Waterbury, Conn.
WHITEHEAD METAL PRODUCTS CO., 67-73 Washington, North Boston, Mass.
See adv index at end of book

3190— Copperas

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Butterworth-Judson Co., Av R, Newark, N. J.
DE FOREST SHEET & TIN PLATE CO., Niles, O. *See adv index at end of book*
Fuller Ralph L. & Co., Inc., 2 Rector, New York. *See adv index at end of book*
General Chemical Co., 25 Broad, New York

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Hillier's R. Sons Co. (Powdered), 100 William, New York
Innis, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*
Keystone Steel Wire Co., Peoria, Ill.
Klipstein A. & Co. (Imp.), 644 Greenwich, New York
National Zinc Co., 61 B'way, New York
Ohio Seamless Tube Co., Shelby, O.
Penna. Salt Mfg. Co., Widener bldg, Phila., Pa.
Powers-Weighman-Rosengarten Co., 916 Parrish, Phila., Pa.
Riverside Acid Works, Warren, Pa.
Western Chemical Mfg. Co., Denver, Col.
WESTMORELAND CHEMICAL & COLOR CO., 925 Chestnut, Phila., Pa.
Wiarda John C. & Co., (Jobbers), 273 Greene, Brooklyn, N. Y.

3191— Coppers (Battery)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Beattie Zinc Works Co., Reading, Mass.
Bryant Mfg. Co., 456 W Ontario, Chicago, Ill.
Bryant Zinc Co., 600 Orleans, Chicago, Ill.
Edes Mfg. Co., Plymouth, Mass.
Eureka Co., North East, Pa.
Fox Jno. M. & Co., Portland, Me.
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Manhattan Elec. Supply Co., 17 Park pl, New York *See adv index at end of book*
Pearce Fred'k Co., 18 Rose, New York
Railroad Supply Co., 203 S Dearborn, Chicago, Ill.

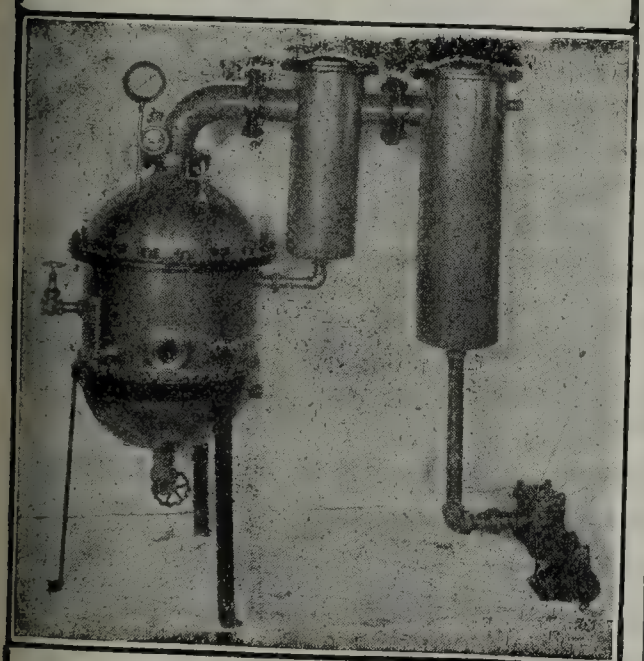
3192— Coppersmiths

See also Boilers, Range, Copper

Ahlers & Gregoire, Louisville, Ky.
American Copper & Brass Works, Cincinnati, O.
Ames & Ginty, Hereford, Boston, Mass.
Aufruchtig Alois, 220 Lombard, St. Louis, Mo.
Badger E. B. & Sons Co., 75 Pitts, Boston, Mass.

Baeuerle & Morris, 932 N Front, Phila., Pa.
Baizley Jno. Iron Works, 514 S Delaware av, Phila., Pa.
Bertelsen & Petersen Eng. Co., 256 Border, Boston, Mass.
Blessing C. A., 516 Montgomery av, Phila., Pa.
Boston Copper Works Co., E Boston, Mass.
Burroughs R. A. & Co., Norfolk, Va.
Columbia Heater Co., Paterson, N. J.
Cooper B. & Son, 910 E Baltimore, Baltimore, Md.
Corcoran Matt & Co., Louisville, Ky.
DAHLQUIST MFG. CO., 40 W 3rd, South Boston, Mass.
See adv index at end of book
East Side Copper Works, 353 E 31st, New York
Emory P. P. Mfg. Co., Springfield, Mass.
Engel & Kirchheiner, 1611 Thames, Baltimore, Md.
Engelhard Frank & Sons, 200 Franklin, Springfield, Mass.
Flynn Bros., Hoboken, N. J.
Flynn Wm. S., 76 Hudson, Jersey City, N. J.

Coppersmiths



Pans, Kettles, Coils, Stills, Evaporators, Etc.

GERDES & CO.
42 Church St., New York City

Gerstein Bros. & Copper, 3 W 3d, S Boston, Mass.
Griscom-Russell Co., 92 West, New York
See adv index at end of book
Harris Arthur & Co., 212 N Curtis, Chicago, Ill.
Hensel E. R. Steel & Copper Co., Security bldg, St. Louis, Mo.
Hicks S. D. & Son, 9 Bowker, Boston, Mass.
Hines & Ritchey, Louisville, Ky.
Hoffman-Ahlers Co., 828 E Pearl, Cincinnati, Ohio
Hubert Jno., 1714 Thames, Baltimore, Md.
Ingram W. H., 106 N 3d, Phila., Pa.
Jeffers Wm., 77 Joy, Boston, Mass.
Kavanagh Jos. Co., Pratt & Central av, Baltimore, Md.
Keller George, 1051 Wyckoff av, Brooklyn, N. Y.
Kopperman Jos. & Sons, 307 Florist, Phila., Pa.
Krenz Oscar Copper & Brass Wks., Inc., 431 Folsom, San Francisco, Cal.
Langsenkamp F. H., Indianapolis, Ind.
McMillan Bros., Savannah, Ga.
Manchester J. B. Co., 190 Eddy, Providence, R. I.
Maryland Coppersmith Co., 3831 Eastern av, Baltimore, Md.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Mills Thos. & Bro., Thompson & 8th, Phila., Pa.
Moriarty G. J., 28 Harvard, Boston, Mass.
Murphy & O'Brien, 5512 Detroit, Cleveland, O.
Northwestern Copper & Brass Works, 59 W 3rd, St. Paul, Minn.
Oat Jos. & Sons, 230 Quarry, Phila., Pa.
Oregon Sheet Metal Works, Portland, Ore.
Ott Geo. F. Co., 221 Buttonwood, Phila., Pa.
Pacific Copper Wks., 85 Minna, San Francisco, Cal.
Petterson Edward, 231 South, New York
Phila. Coppersmithing Co., 222 N Front, Phila., Pa.
Providence Coppersmithing Co., 58 Point, Providence, R. I.
Rider-Bagg Co., Springfield, Mass.
Roos Aug. Sons, 429 E 91st, New York
Schaefer Emil, 1322 N 5th, Phila., Pa.
Scheubner Herman J., 424 E 110th, New York
Seattle Construction & Dry Dock Co., Seattle, Wash.
Seibel-Suessdorf Copper & Iron Mfg. Co., 3rd & Lombard, St. Louis, Mo.
Smith C. W. Copper Wks., 16 Washington, San Francisco, Cal.
Stender Coppersmith Co., 2932 Smallman, Pittsburgh, Pa.
Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.
Strater Herman & Sons, 74 Sudbury, Boston, Mass.
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.
Trageser Jno. Steam Copper Works, 447 W 26th, New York
Walker James & Son, 76 Jefferson av, Detroit, Mich.
Watkins Jas. Y. & Son, 20 Catherine, N. Y.

3192a—"Copperweld" Copper Clad Steel Wire.

PAGE SHEET & WIRE CO. ("Copperweld"), 30 Church, New York
See adv index at end of book

3192b— *Copra

Babcock & Templeton, Inc., Postal Tel. bldg, San Francisco, Cal.
Elbert & Company (Imp), 71 Wall, New York

Copying Apparatus

See Duplicators; also Presses, Copying

3193—Copying Press Sheets (Rubber)

Goodrich B. F. Co., Akron, O.

3194— Cord (Rubber)

Boston Belting Corp., 84 Linden Park st, Boston, Mass.
Boston Woven Hose & Rubber Co., Cambridge, Mass.
Davol Rubber Co., 69 Point, Providence, R. I.
Empire Tire & Rubber Corp., East Trenton, N. J.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mattson Rubber Co., Lodi, N. J.
Peerless Rubber Mfg. Co., 31 Warren, New York
Revere Rubber Co., Chelsea, Mass.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

Cordage (Hemp)

See Twine, Hemp

3195— *Cordage (Tarred)

COLUMBIAN ROPE CO., 3050 Genesee, Auburn, N. Y. *See adv index at end of book*

3196—Cordage & Twine Mfrs.

See also Twine, Binder; also Rope, Various Kinds

American Mfg. Co., West Brooklyn, N. Y.
American Mills Co. ("American," "Irish Silver," "Sterling," "Winner," "Busy Bee," "Alimsco," "Gold Medal," "Sun," "999"), Atlanta, Ga.
Anniston Cordage Co. (Sash Cords, etc), Anniston, Ala.
Ashaway Line & Twine Mfg. Co. (Fish Lines & Cotton Seine Twines, etc), Ashaway, R. I.
Atkins & Pearce Mfg. Co. (Cotton), 5th & Eggleston av, Cincinnati, O.
Bailey John T. Co. (Hemp, Flax & Jute), Water & Morris, Phila., Pa.
Barrows Mfg. Co. (Cotton), Lansdale, Pa.
Beaumont Mfg. Co., Spartanburg, S. C.
Beebe Cordage Co., Rockaway, N. J.
Bibb Mfg. Co. (Cords, Twines & Lines), Macon, Ga.
Boehme & Rauch Co. (Rope, Twine & Cordage), Monroe, Mich.
Broderick & Bascom Rope Co. (Jobbers in Cordage Only), Main & Douglas, St. Louis, Mo.
Brownell Co. (Cotton Seine Twine), Moodus, Conn.
California Cotton Mills Co. (Cotton Rope & Twine), Oakland, Cal.
Canonchet Line & Twine Co. (Twine), Canonchet, R. I.
Cating Rope Works, Maspeth, N. Y.
Cayuga Linen & Cotton Mills, Auburn, N.Y.
Central Mills Co. (Cotton Twine), Southbridge, Mass.
Chelsea Fibre Mills (Flax, Jute, etc), 212 5th av, New York. Factory: Brooklyn, N. Y.
Cleveland Mill & Power Co. (Cotton Twine), Lawndale, N. C.
Cohankus Mfg. Co. (Cotton Rope, etc), Paducah, Ky.
COLUMBIAN ROPE CO. (Oil Well & Tarred Cordage & Jute & American Hemp, Twine, etc), 3050 Genesee, Auburn, N. Y. *See adv index at end of book*
De Grauw, Aymar & Co., 34 South, New York
Dolphin Jute Mills (Jute, etc), Paterson, N. J.
Draper W. H. & Sons (Cotton Twine, etc), Troy, N. Y.
Eagle Cordage Mills, Covington, Ky.
Elder Jas. (Cotton Cordage), 230 W Coulter, Philadelphia, Pa.
Empire State Bag Co. (Flax & Jute), 760 Wythe av, Brooklyn, N. Y.
Estes Mills (Twine), Fall River, Mass.
Fitler Edwin H. Co., 517 Arch, Phila., Pa.
Flocker Jno. & Co. (Ltd.), 957 Liberty, Pittsburgh, Pa.
Franklin Cotton Mill Co., Plum & Charles, Cincinnati, O.
Fricke J. E. Co., 247 Market, Phila., Pa.
Fulton Bag & Cotton Mills (Cotton Twine, etc), Atlanta, Ga.
Gloucester Net & Twine Co. (Cotton Twine), Gloucester, Mass.
Grimond J. & A. D. (Ltd.) (H. N. Gildea, Agent), (Jute Rope, Cord & Twine), 320 B'way, New York
Groendyke J. C., 8 S Dearborn, Chicago, Ill.
Hanover Cordage Co., Hanover, Pa.
Highland Cordage Co., Hickory, N. C.
Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
Holden James (Cotton), Fall River, Mass.
Hooper Sons Mfg. Co. (Cotton), Juniper & Cherry, Phila., Pa.
Hooven & Allison Co. (Manilla, Sisal, Hemp & Junte, Baling, Wrapping, Sail, Commercial, etc), Xenia, O.
Humboldt Cotton Mills (Cotton), Humboldt, Tenn.
Indianapolis Cordage Co., 1959 S Meridian, Indianapolis, Ind.
Jackson Thos. & Son Co. (Manila, Sisal & Jute Rope, Cordage & Twine), Reading, Pa.
January & Wood Co., Maysville, Ky.
Johnson R. Yarn & Cordage Mills (Cotton Twine), Madison, Ind.
Kelly R. A. Co. (Sisal, Manila & New Zealand), Xenia, O.
Kentucky River Mills (Hemp Binder & Commercial Twines), Frankfort, Ky.

CORDAGE & TWINE MFRS.—continued
Knox W. & J. Net & Twine Co. (Twine), cor Calvert & Lombard, Baltimore, Md.
Lambeth Rope Corporation (Cotton), New Bedford, Mass.
Lawrence Duck Co. (Cotton Twine), Lawrence, Mass.
Lees Mfg. Co. (Cotton), Westport, Conn.
Linen Thread Co. (Cotton, Flax, Hemp & Jute Twines), 96 Franklin, New York
Little River Mfg. Co. (Cotton Twine), Willardville, N. C.
Mallison Braided Cord Co. (Cotton), Athens, Ga.
Meagher's Jas. Sons (Jute or Flax Cordage), 1625 San Bruno, San Francisco, Cal.
Montgomery Cordage Co., Montgomery, Ala.
Neptune Twine & Cord Mills, Moodus, Conn.
New Bedford Cordage Co., 120 B'way, New York Mills, New Bedford, Mass.
New York Net & Twine Co., Moodus, Conn.
Oakdale Cotton Mills (Cotton), Jamestown, N. C.
Peoria Cordage Co., Peoria, Ill.
Peter & Guckenberger, 1205 Budd, Cincinnati, O.
Pioneer Cotton Mills (Cotton), Guthrie, Okla.
Plymouth Cordage Co. (Cordage & Binder Twine), North Plymouth, Mass.
Portland Cordage Co. (Flax Cordage & Binder Twine), Portland, Ore.
Puritan Cordage Mills (Cotton Rope, etc), Louisville, Ky.
Purple A. E. (Cotton Seine Twine), Moodus, Conn.
Quaker City Cordage Co., 416 Walnut, Phila., Pa.
Radcliffe & Shaw Co. (Jute Twine & Rope), Glen Rock, Pa.
Rauschenberger John Co. (Flax, Hemp, Jute, Hair, etc), 87 W Water, Milwaukee, Wis.
Rinek Cordage Co. (Cordage Only), Easton, Pa.
Roe & Conover, 206 Frelinghuysen av, Newark, N. J.
See adv index at end of book
St. Louis Cordage Mills ("American" & "Trojan"), 1715 S 11th, St. Louis, Mo.
Samson Cordage Works, 88 Broad, Boston, Mass.
Schlichter Jute Cordage Co. (Jute), 20 N Front, Phila., Pa.
Silver Lake Co. ("Silver Lake," "Eddystone," "Wearwell," Braided Cordage, etc), Newtonville, Mass.
Smith & Dove Mfg. Co. (Flax Twine), Andover, Mass.
Southern Mills Corp. (Cotton Cordage), Oxford, Ala.
Tallassee Falls Mfg. Co. (Cotton), Tallassee, Ala.
Travers Twine & Cordage Co., 81 Warren, New York
Uhler & English, 106 N Delaware, Phila., Pa.
UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
Upson-Walton Co. of N. Y., The, 291 B'way, New York
See adv index at end of book
Westport Mfg. Co. (Cotton Wrapping Twine), Westport, Mass.
Whitlock Cordage Co., 46 South, New York
Winne F. W. & Son, 237 Market, Phila., Pa.
Yocona Mills (Cotton), Water Valley, Miss.
Young John B. (Cotton), J & Levick, Phila., Pa.

Cords (Arc Lamp)

See Cords, Trolley, Arc Lamp & Bell

3197—Cords (Cable, Cotton)

American Mfg. Co., Noble & West, Brooklyn, N. Y.
Bailey John T. Co., Water & Morris, Phila., Pa.
Bibb Mfg. Co., Macon, Ga.
Brownell Co., Moodus, Conn.
Cable Flax Mills, Schaghticoke, N. Y.
Chaffee Mfg. Co., Willimantic, Conn.
Cleveland Mill & Power Co., Lawndale, N. C.
Dexter Yarn Co., Pawtucket, R. I.
Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
Hooper Sons Mfg. Co., Juniper & Cherry, Phila., Pa.
Indian Orchard Co., Indian Orchard, Mass.
International Braid Co., 47 Charles, Providence R. I.
Johnston & Co., 35 Worth, New York
Jonesboro Yarns Mills Co., Jonesboro, Tenn.
Lees Mfg. Co., Westport, Conn.
McComeskey Thomas, 3731 Frankford av, Phila., Pa.
Neptune Twine & Cord Mills, Moodus, Conn.
New York Net & Twine Co., Moodus, Conn.
Nims Mfg. Co., Mt. Holly N. C.
Oakdale Cotton Mills, Jamestown, N. C.
Oxford Cotton Mills, Oxford, N. C.
Purple A. E., Moodus, Conn.
Southern Mills Corp., Oxford, Ala.
Turner & Stanton Co., Norwich, Conn.
Unity Cotton Mills, La Grange, Ga.
Yocona Mills, Water Valley, Miss.

3198— Cords (Clock)

Ashland Mfg. Co., W 43d & S Hermitage av, Chicago, Ill.

3199—Cords (Flexible, Lamp, Etc.)

See also Wire, Insulated

American Electrical Works, Phillipsdale, R. I.
AMERICAN STEEL & WIRE CO. (Steel Wire), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Belden Mfg. Co. ("Beldenite"), 2316 S Western av, Chicago, Ill.
Bishop Gutta-Percha Co., 420 E 25th, New York
Boston Insulated Wire & Cable Co., Boston, Mass.
Chicago Insulated Wire & Mfg. Co., Sycamore, Ill.
Detroit Insulated Wire Co., Detroit, Mich.
Ferrin F. M. (Woven Covered), 45 Arch, Boston, Mass.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Goodyear Rubber Insulating Co., 105 E 131st, New York
Indiana Rubber & Insulated Wire Co., P O Box 192, Jonesboro, Ind.
Kerite Insulated Wire & Cable Co. (Kerite), 30 Church, New York
Lowell Insulated Wire Co., Lowell, Mass.
McEvoy Chas. H. ("Duro"), Lowell, Mass.
Marion Insulated Wire & Rubber Mfrs., Marion, Ind.
Monarch Electric & Wire Co. ("Monarch"), 622 W Adams, Chicago, Ill.
Moore Alfred F., 200 N 3d, Phila., Pa.
National India Rubber Co., Bristol, R. I.
OKONITE CO., 501 Fifth av, New York
See adv index at end of book
Premier Electric Co., 1123 S Wabash av, Chicago, Ill.
ROEBLING'S JOHN A. SONS CO., Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Runzel-Lenz Electric Mfg. Co., 1751 N Western av, Chicago, Ill.
Safety Insulated Wire & Cable Co., 114 Liberty, New York
Standard Underground Cable Co., Pittsburgh, Pa.
Western Electric Co., 463 West, New York

Cords (Incandescent Lamp)

See Cords, Flexible, Lamp, etc.

3200—Cords (Leather, Bell or Register)

Chicago Rawhide Mfg. Co., 1301 Elston av, Chicago, Ill.
Jewell Belting Co., Hartford, Conn.
Ladew Edw. R. Co., 54 Franklin, New York
National Leather Mfg. Co. (Surface & Oak, Tan, Flat & Round), Niles, Mich.
Page Belting Co., Concord, N. H.
Raniville F. Co., Grand Rapids, Mich.
Rhoads J. E. & Sons, 12 N 3d, Phila., Pa.
Wallace Supplies Mfg. Co., 412 Orleans, Chicago, Ill.
Western Rawhide & Belting Co., 600 So Pierce, Milwaukee, Wis.
Williams I. B. & Sons, Dover, N. H.

Cords (Picture, Braided)

See Cords, Sash

3201—Cords (Picture, Wire)

Draper W. H. & Sons, Troy, N. Y.
Hendryx Andrew B. Co. ("Hendryx"), New Haven, Conn.
See adv index at end of book

"HENDRYX"
STANDARD PICTURE CORD
of tinned or brass wire
is put up only in full length and full count packages of
25 *feet or* 25 *yards.*
THE ANDREW B. HENDRYX COMPANY
New Haven, Conn.

Parker Wire Goods Co. (Braided & Twisted Wire), Worcester, Mass.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Turner & Stanton Co., Norwich, Conn.
Wire Goods Co. (Braided), Worcester, Mass.
WRIGHT WIRE CO. ("Excelsior Brand" Braided Wire), Worcester, Mass.
See adv index at end of book

3202— Cords (Sash)

American Mfg. Co. (Hemp), Noble & West, Brooklyn, N. Y.
Anniston Cordage Co. (Braided), Anniston, Ala.
Beebe Cordage Co., Rockaway, N. J.
Cohankus Mfg. Co. ("Braided"), Paducah, Ky.
Draper W. H. & Sons (Twisted Cotton), Troy, N. Y.
Estes Mills ("Alba," "Star"), Fall River, Mass.
Franklin Cotton Mill Co., Plum & Charles, Cincinnati, O.
Fricke J. E. Co. ("Jefferson" Solid Braided Cotton), 247 Market, Phila., Pa.
Granite Cordage Co. (Braided), Granite Falls, N. C.
Hodson John M., Boone & Markle, Phila., Pa.
Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
Hooper Sons Mfg. Co. (Braided), Juniper & Cherry, Phila., Pa.
Hooper Wm. E. & Sons Co., Maryland Life bldg, Baltimore, Md.
Hooven & Allison Co., Xenia, O.
Mallison Braided Cord Co. (Braided), Athens, Ga.
Peter & Guckenberger, 1205 Budd, Cincinnati, O.
Puritan Cordage Mills ("Regal Braid," Blue Strand), Louisville, Ky.
St. Louis Cordage Mills, 1715 S 11th, St. Louis, Mo.
Samson Cordage Works (Braided, etc), 88 Broad, Boston, Mass.
Schlichter Jute Cordage Co. (Jute), 20 N Front, Phila., Pa.
Silver Lake Co. ("Silver Lake," "Eddystone" Braided, etc), Newtonville, Mass.
Southern Mills Corp. (Braided), Oxford, Ala.
Toohey M. J. & Co., Fall River, Mass.
Travers Twine & Cordage Co., 81 Warren, New York
Whittier Mills Co. ("U. S." Cotton Braided), Chattahooche, Ga.

3203—Cords (Telephone & Switchboard)

See also Wire, Insulated

American Electrical Works, Phillipsdale, R. I.
Belden Mfg. Co., 2316 S Western av, Chicago, Ill.
Kellogg Switchboard & Supply Co., 1066 W Adams, Chicago, Ill.
McEvoy Chas. H. ("Duro"), Lowell, Mass.
Moore Alfred F., 200 N 3d, Phila., Pa.
Premier Electric Co., 1123 S Wabash av, Chicago, Ill.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton, & Roebling, N. J.
See adv index at end of book

STROMBERG-CARLSON TELEPHONE MFG. CO., Rochester, N. Y.
See adv index at end of book
Western Electric Co., 463 West, New York
Western av, Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

3204—Cords (Tinsel & Copper)

Belden Mfg. Co. Conductor), 2316 S Western av, Chicago, Ill.
Binns Patent Band Co. (Tinsel), 1842 Gtn av, Phila., Pa.
Bishop Gutta-Percha Co., 420 E 25th, New York
Moore Alfred F., 200 N 3d, Phila., Pa.
Premier Electric Co., 1123 S Wabash av, Chicago, Ill.
Western Electric Co., 463 West, New York

3205—Cords (Trolley, Arc Lamp & Bell)

Bibb Mfg. Co., Macon, Ga.
Cohankus Mfg. Co., Paducah, Ky.
Fricke J. E. Co. ("Jefferson," Solid Braided), 247 Market, Phila., Pa.
Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
International Register Co., 15 Throop, Chicago, Ill.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
Mallison Braided Cord Co., Athens, Ga.
Runzel-Lenz Electric Mfg. Co., 1751 N
ROEBLING'S JOHN A. SONS CO. (Arc Lamp & Bell), Main Office, Trenton, N. J. Works: Trenton, & Roebling, N. J. *See adv index at end of book*
Samson Cordage Works, 88 Broad, Boston, Mass.
Silver Lake Co. ("Silver Lake," "Wearwell," Braided), Newtonville, Mass.
Southern Mills Corp. (Braided), Oxford, Ala.
Whittier Mills Co. ("U. S. Spiral Waterproof"), Chattahoochee, Ga.

3205a—*Core Flour Substitute

Hill & Griffith Co. ("Liberty"), 1248 State av, Cincinnati, O. & Birmingham, Ala.
See adv index at end of book

3206— Core Prints (Wood)

Jessup Stephen C. Pattern Wks., Salem, O.
Standard Supply Co., Quincy, Ill.

3207—*Core Room Equipment

Dopp J. W. & Co. (Dealers), 1420 Dime Bk. bldg, Detroit, Mich.

3208—Core Testing Apparatus

Wadsworth Core Machine & Equipment Co,. Akron, O.

Core Wash

See Compounds, Core

3209— Corers (Cabbage)

See also Corers, Fruit & Vegetable
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Osborne C. S. & Co., Harrison, N. J.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Stortz John & Son, 210 Vine, Phila., Pa.

3210—Corers (Fruit & Vegetable)

Central Stamping Co. ("Puritan" Apple), 172 Fulton, New York
Cronk & Carrier Mfg. Co. ("New Idea" Apple), 150 Lake, Elmira, N. Y.
See adv index at end of book
Fischer Bros. & Corwin, 635 N 3d, Newark, N. J.
Forsyth Metal Goods Co., E Aurora, N. Y.
GEUDER, PAESCHKE & FREY CO. (Apple), Milwaukee, Wis.
See adv index at end of book
Goodell Co. (Fruit Parers, Slicers, etc), Antrim, N. H.
Hamblin & Russell Mfg. Co. (Fruit), Worcester, Mass.
Houchin Thomas W. Co., 36 E 12th, New York
Hudson Parer Co. (Fruit), Leominster, Mass.
Johnson Wm. (Hedenberg Works), Newark, N. J.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Landers, Frary & Clark ("Rapid"), New Britain, Conn.
Lewis E. J. (Pineapple), Middleport, N. Y.
National Enameling & Stamping Co. ("Gem" Apple), 411 5th av, New York
Parker Wire Goods Co. (Apple), Worcester, Mass.
Rollman Mfg. Co. (Ltd.), ("Rollman" Apple) Mount Joy, Pa.
White Ira F. & Son Co. (Apple Corer & Parer), Bloomfield, N. J.

3211—Cores (Armature & Magnet)

Bunnell J. H. & Co., 32 Park pl, New York
Chicago Screw Co., 13 N Jefferson, Chicago, Ill.
Cleveland Armature Works, 4736 St. Clair av, Cleveland, O.
See adv index at end of book
Hartford Machine Screw Co., Hartford, Conn.
Western Electric Co., 463 West, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

3212—*Cores (Button, Platen, Tassel, Etc.)

ESTES E. B. & SONS, 364 5th av, New York. *See adv index at end of book*

3213—Cores (Electric Furnace)

Norton Co. ("Norton," Alundum), Worcester, Mass.

3214—Cores (Rubber Tire Building)

Adamson Machine Co., Akron, O.
Akron Rubber Mold & Machine Co., Akron, Ohio
Bridgewater Machine Co., Akron, O.
Goodyear Tire & Rubber Co., Akron, O.
Mechanical Mold & Machine Co., Akron, O.
Williams Foundry & Machine Co. ("Simplex"), Akron, O.
See adv index at end of book

3215— Cork Carpets

See also Linoleum Mfrs
American Linoleum Mfg. Co. (In Five Colors), 366 5th av, New York
Armstrong Cork Co., Lancaster, Pa.
Blabon Geo. W. Co., 21st & Hunting Park av, Phila., Pa.
Cook's Linoleum Co. ("Cooks"), Trenton, N. J.
Farr & Bailey Mfg. Co., Camden, N. J.
Nairn Linoleum Co., Kearny, N. J.
Potter Thos. Sons & Co., N 2d & Erie av, Phila., Pa.
Scott & West Co. ("Corkoline"), 9 E 40th, New York

3216— Cork Chips

Armstrong Cork Co., 24th & A. V. R. R., Pittsburgh, Pa.

Cork (Granulated, for Insulation)

See Insulation, Cork

3217— Cork (Ground)

Armstrong Cork Co., 24th & A. V. R. R., Pittsburgh, Pa.

3218— Cork Mfrs.

American Cork Co., 16 Blackstone, Boston, Mass.
Armstrong Cork Co., 24th & A. V. R. R., Pittsburgh, Pa.
Biertuempfel Bros. Cork Co., 37 Av L, Newark N. J.
Brauer Justus & Son, 129 Arch, Phila., Pa.
Cahn Hugo & Co., 257 W 17th, New York
Century Cork Co., 220 W 19th, New York
Chicago Cork Works Co., 630 S Wabash av, Chicago, Ill.
Cork Mfg. Co., 186 Van Brunt, Brooklyn, N. Y.
Diamond Cork Co., 59 Pearl, New York
Farrell W. J., 325 Washington, New York

CORKWOOD from the FARM to us and from US TO YOU in **CORKS**
INDEPENDENT CORK CO., Inc.
574-576 Hamilton Ave., Cor. 17th St., Brooklyn, N. Y.
Tel. South 2212

Independent Cork Co., 574-576 Hamilton av, B'klyn, N. Y.
See adv index at end of book
International Cork Co., 99 Sutton, Brooklyn, N. Y.
McCready R. W. Cork Co., 344 W Illinois, Chicago, Ill.
Milton Cork Co., 42 Wilson, B'klyn, N. Y.
Mundet L. & Sons, Ferris, Brooklyn, N. Y.
New Process Cork Co., 1505 Garden, Hoboken, N. J.
Newark Cork Products Co., 245 N. J. R. R. av, Newark, N. J.
Paddock Cork Co., 1209 De Kalb av, Brooklyn, N. Y.
Paddock J. H. Co., 219 36th, Brooklyn, N. Y.
Redlich Mfg. Co., 637 W Oak, Chicago, Ill.
Spanish-American Cork & Specialty Co. ("Saco"), Westport, Baltimore, Md.
Truslow & Fulle, 42 Wilson, Brooklyn, N. Y.
Williamsburg Cork Works, 50 Church, New York

3219—Cork Preparing Outfits

U. S. Bottlers' Machinery Co. ("Simplex"), 1033 W Lake, Chicago, Ill.

3220— Cork (Scouring)

Paddock Cork Co. ("Eureka" Cork Felt), 1209 De Kalb av, Brooklyn, N. Y.

3221— Cork Screws

Arcade Mfg. Co., Freeport, Ill.
Browne W. G. Mfg. Co., Kingston, N. Y.
Browne & Dowd Mfg. Co., Meriden, Conn.
Clough Rockwell Co., Alton, N. H.
Dawson J. R. Mfg. Co., Fairhill Sta., Phila., Pa.
Deuse J. S., Chester, Conn.
Erie Specialty Co. ("Quick & Easy," "Walkers," Self-Pulling), 520 W 12th, Erie, Pa.
Graef & Schmidt (Imported), 107 Chambers, N. Y.
Havell Mfg. Co., 284 Washington, Newark, N. J.
Landers Frary & Clark (Cast Steel), New Britain, Conn.
Meriden Cutlery Co. ("Anvil"), Meriden, Conn.
Murphy's R. Sons Co. ("R. Murphy's"), Ayer, Mass.
Parker Chas. Co., Meriden, Conn.
Ross Jos. & Co., Irvington, N. J.
SMITH & HEMENWAY CO. ("Peerless" "Reliable") 261 B'way, New York & 130 Coit, Irvington, N. J.
See adv index at end of book
Taylor Mfg. Co., Hartford, Conn.
Wallace R. & Sons Mfg. Co., Wallingford, Conn.
Williamson C. T. Wire Novelty Co. ("Williamson" Self-Acting Combination, also Small Wire Cork-Screws), Badger av, Newark, N. J.

3222— Corks (Crown)

Bond Bottle Sealing Co. ("Bond Crown"), 501 Monroe, Wilmington, Del.
Crown Cork & Seal Co., 1511 Guilford av, Baltimore, Md.
Diamond Cork Co., 59 Pearl, New York
Farrell W. J., 325 Washington, New York
Gutmann Ferdinand Co., 134 W 29th, New York
King Cork & Seal Co., 8th & Fayette, Baltimore, Md.
Metal Seal & Decorating Co., 798 10th av, New York
Mundet L. & Sons, Ferris, Brooklyn, N. Y.
New Process Cork Co., 1505 Garden, Hoboken, N. J.
Rochester Pneumatic Crown Seal Co., Rochester, N. Y.
Spanish-American Cork & Specialty Co., Westport, Baltimore, Md.

CORKS (CROWN)—continued
Sterling Cork & Seal Co., Hawthorne, Toledo, O.
U. S. Bottle Stopper Co., 37 Maiden la, New York
Western Stopper Co., 2800 20th, San Francisco, Cal.

3222a— Corks (Jug)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Corks (Rubber)

See Stopples, Rubber

3223— Corks (Seine & Gill)

Armstrong Cork Co., 24th & A. V. R. R., Pittsburgh, Pa.

3224— *Corks (Wood)

Estes E. B. & Sons (Fishing Jug, Seine, etc.), 364 5th av, New York
See adv index at end of book

3225— Corkwood Importers

Armstrong Cork Co., 24th & A. V. R. R., Pittsburgh, Pa.
Bucknall, Scholtz & Co. (Corkwaste), 193 Water, New York
Farrell Francisco Liado & Co., 37 Maiden la, New York
Independent Cork Co., 574-576 Hamilton av, cor 17th, Brooklyn, N. Y.
See adv index at end of book
Paddock J. H. Co., 219 36th, Brooklyn, N. Y.
Truslow & Fulle, 42 Wilson, Brooklyn, N. Y.

3226—Corn Binders & Harvesters

International Harvester Company of America (Inc.) ("Deering," "McCormack," "Milwaukee," "Osborne"), Harvester bldg, Chicago, Ill.

3227— Corn (Broom)

American Broom Supply Co., St. Louis, Mo.
American Broom & Brush Co., Amsterdam, N. Y.
American Warehouse Co., Wichita, Kan.
Arkell & Smiths, Canajoharie, N. Y.
Boggs Broom Corn Co., 1206 N Main, St. Louis, Mo.
Bolin-Hall Grain Co., Liberal, Kan.
Chambers M. W., Dayton, O.
Danner J., Humboldt, Ill.
Griffin Geo. B. & C. M., Charleston, Ill.
Gurley A. L. & Co., Clovis, N. Mex.
Harryman Bro., Wichita, Kan.
Hockett J. A. & Co., Wichita, Kan.
Josephie Geo. Co., 227 Water, New York
Kavanagh Bros. & Co., 1234 W Kinzie, Chicago, Ill.
Lande S. & Co., 160 W Kinzie, Chicago, Ill.
Lyons Thos. & Co., Arcola, Ill.
Marryman Geo. & Bros., Wichita, Kan.
New England Broom & Supply Co., 191 Forest Hills, Boston, Mass.
Oklahoma Broom Corn Warehouses, Lincoln, Neb.
Perry D. S. & Co., Urbana, O.
Phillips & Johnson, Mattoon, Ill.
Roseboom J. A. & Co., Mattoon, Ill.
Roseboom W. L. & Co., 3544 S Morgan, Chicago, Ill.
Tarbox Broom Corn Co., Arcola, Ill.

3228—Corn Cookers & Fillers

Morral Bros., Morral, O.
Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

3229— Corn Cribs (Steel)

AMERICAN STEEL & WIRE CO. ("American," Galvanized Woven Wire), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Bayley Wm. Co. ("Bayley," "Springfield" Steel), Springfield, O.
Bushnell Tank Works (Steel Portable), Bushnell, Ill.
Butler Mfg. Co. ("B. M. C.," "Butler Combination"), Kansas City, Mo.
Clippinger A. B. & Son Mfg. Co. ("Clippinger"), Kansas City, Kan.
Denning Tractor Co. (Portable), Cedar Rapids, Ia.
Dickelman Mfg. Co., Forest, O.
EDWARDS MFG. CO., Cincinnati, O.
See adv index at end of book
Fleming & Sons Mfg. Co., Huntsville, Mo.
Harry O. K. Steel Co. ("O. K. Harry"), 2333 Papin, St. Louis, Mo.
Iron Crib & Bin Co. ("Marshall," "Freeland" Galvanized Steel), Wooster, O.
Keystone Steel & Wire Co. (Portable), Peoria, Ill.
Krstchmer Mfg. Co. ("U. S." Galvanized Iron & Steel), Council Bluffs, Ia.
Meadows Mfg. Co., Pontiac, Ill.
Pioneer Mfg. Co. ("Marshall" Galv'd Steel), Middlebury, Ind.
Twin City Separator Co. (Wire Hood), 29th & Colfax av S, Minneapolis, Minn.
Walker Mfg. Co. ("Economy"), Council Bluffs, Ia.

3229a— Corn Knives

The Arlington Works (E. I. du Pont de Nemours & Co.), 21 E 40th, New York

3230— Corn Machines

See Machinery

Corn Planters & Drills

See Planters, Corn; Also Drills, Cotton Planting

3231—Corner, Base & Head Block Mfrs.

American Sash & Door Co. (Wholesale Mfrs.), Kansas City, Mo.
Carr & Baal Co., Des Moines, Ia.
Carr, Ryder & Adams Co. (Wholesale Mfrs.), Dubuque, Ia.
Carter Mfg. Co., Keokuk, Ia.
Curtis Bros. & Co. (Wholesale Mfrs.), Clinton, Ia.
Curtis & Yale Co. (Wholesale Mfrs.), Wausau, Wis.
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Foster-Munger Co. (For the Trade Only), 1404 W 37th, Chicago, Ill.
Gauger Jno. A. & Co. (For the Trade Only), 1434 W 22d, Chicago, Ill.
Gordon, Vantine Co., Davenport, Ia.
Gould Mfg. Co. (For the Trade Only), Oshkosh, Wis.
Grand Rapids Lumber Co. (For the Trade Only), Grand Rapids, Mich.
McMillen R. Co. (For the Trade Only), Oshkosh, Wis.
Morgan Sash & Door Co., 2287 Blue Island av, Chicago, Ill.
Paine Lumber Co. (Ltd.) (For the Trade Only), Oshkosh, Wis.
Peirce W. E. & Co., Milford, N. H.
Radford Sash & Door Co. (For the Trade Only), 1827 Prairie av, Chicago, Ill.
Roberts Sash & Door Co. (For the Trade Only), 920 W 20th, Chicago, Ill.
Rock Island Sash & Door Works (Wholesale Mfrs.), Rock Island, Ill.
Waddell Mfg. Co. Grand Rapids, Mich.
Hutting Mill Wks. Co. (Wholesale Mfrs.), Kansas City, Mo.
Zimmerman Chas. E., 204 Burnet av, Syracuse, N. Y.

Corner Beads (Plastering)

See Plasterers' Steel Corner Beads

3232—Corner Brace & Couplings

Diehl Novelty Co. ("Big—4" for Storm Houses, Porch Screens, Stiffening Box Corners, etc), Glen Beulah, Wis.
Griffin Mfg. Co., Erie, Pa.

3233— Corners (Box)

Brainerd Mfg. Co. (Also Chest), East Rochester, N. Y.
Brass Goods Mfg. Co. (Also Chest), 533 Union, Brooklyn, N. Y.
CARY MFG. CO., Nassau & Jay, Brooklyn, N. Y. *See adv index at end of book*
Dent Hardware Co., Fullerton, Pa.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Griffin Mfg. Co., Erie, Pa.
Hercules Metal Corner Co., Kingston, N. Y.
Horan Stay Hanger Co. (Crate Only), 1932 W Jefferson, Louisville, Ky.
Jenkinson R. C. & Co., 293 Washington, Newark, N. J.
Ludwig A. & Co., 75 Spring, New York
Richmond Pressed Metal Wks. (Trunk), Stockton & 6th, Richmond, Va.
STANLEY WORKS, New Britain Conn.
See adv index at end of book

3234— Corners (Casket)

Waddell Mfg. Co., Grand Rapids, Mich.

3235—Corners (Metal Building)

EDWARDS MFG. Co., Cincinnati, O.
See adv index at end of book
Kees F. D. Mfg. Co. ("Kees"), Beatrice, Neb.
Milwaukee Corrugating Co. ("Milcor"), Milwaukee, Wis.
Reeves Mfg. Co., Dover, O.
Robbins H. G., Kewanna, Ind.
Shrauger & Johnson ("Chief"), Atlantic, Ia.

3236— Corners (Partition)

Western Brass Mfg. Works (Iron or Brass), Marshall blvd & W 21st, Chicago, Ill.

3237—Corners (Screen Frame)

ACKLIN STAMPING CO. (Stamped Metal), 1659 Dorr, Toledo, O.
See adv index at end of book
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
QUADRIGA MFG. & SPECIALTY CO. (Galvanized Brass & Copper), 213 W. Grand av, Chicago, Ill.
See adv index at end of book
Western Improvement Co. (& Moulding), Minot, N. D.

3238— Corners (Table)

Weber-Knapp Co. (For Card Tables, etc), Jamestown. N. Y.

Corners (Trunk)

See Corners, Box

3239— Cornice Brakes

Double Truss Cornice Brake Co., Buffalo, N. Y.
Dreis & Krump Mfg. Co. ("Chicago"), 2911 S Halsted, Chicago, Ill.
Excelsior Tool & Machine Co., 32d & Ridge, E St. Louis, Ill.
Falstrom & Tornquist Co., Passaic, N. J.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Loy & Naurath Co., 25 Runyon, Newark, N. J.
McSherry Mfg. Co. (Hand Power), Pittsburgh, Pa.
MERCHANT & EVANS CO., 2035 Washington av, Phila., Pa.
See adv index at end of book
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y *See adv index at end of book*
Ohl Geo. A. & Co. (Automatic Power, etc), 159 Oraton, Newark, N. J.
Peck, Stow & Wilcox Co., Southington, Conn.
Robinson J. M. Mfg. Co. (Improved Double Eccentric), Cincinnati, O.
Ryerson Jos. T. & Son (Hand & Geared Power), 2558 W 16th, Chicago, Ill.
See adv index at end of book

Cornice Copper Mfrs.

See Copper & Brass Sheet

3240— Cornices & Skylights

ALABAMA.

ANNISTON—Interstate Roofing & Foundry Co.
BIRMINGHAM—East Birmingham Iron Roofing Co.
Spiro Hardware Co.
Wheelock George F. Co.
DECATUR—Brown W. A. & Co.
MOBILE—Partridge C. S. Hardware Co.
NEW DECATUR—Decatur Cornice & Roofing Co. ("Titelock.")
OPELIKA—Galbraith W. A.
TALLADEGA—Michael Supply & Roofing Co.

ARIZONA.

PHOENIX—Burtis D. H.
TUCSON—Julian W. A. Co.

ARKANSAS.

FORT SMITH—Bruce Bros.
HELENA—Helena Job Works
Helena Tin & Plumbing Co.
HOT SPRINGS—Hot Springs Plumbing & Machine Co.
LITTLE ROCK—Fones Bros. Hardware Co.
Foster Hardware Co.
McCardell R. W.
PINE BLUFF—Fox Bros. Hardware Co.

CALIFORNIA.

BERKELEY—Berkeley Cornice Works
COLTON—Johnson M. M.
FRESNO—Barrett-Hicks Co.
Kutner-Goldstein Co.
GLENDALE—Reif H. A.
LOS ANGELES—American Cornice Works, 966 E 4th
Beseman E. J., 731 San Fernando
Brown E. & Co., 114 E 9th
California Cornice Works
Edwards N. M.
Gibbs Wm. H., 2948 W Pico
Keays A. A., 1228 E 9th
Metzger T. M.
National Cornice Wks, 1327 Channing
Panzer-Hamilton Co.
Pulfer L. E., 1222 W 25th
United Cornice Works, 3306 S Main
PASADENA—Dunn W. H.
Munger & Munger
POMONA—Caldwell B. F.
RIVERSIDE—Copley Bros.
Shiels Bros.
SACRAMENTO—Ahl & McLaughlin
Blanchard A. H.
Earle Edw. E.
Latourette-Fical Co.
Scott, Lyman & Stack Co.
Sinclair & Bessey
SALINAS—Anderson & Dougherty
SAN DIEGO—Heilbron Fred A.
San Diego Sheet Metal Works
Toms & Blair Sheet Metal Co.
SAN FRANCISCO—Appmann Cornice Wks 128 Valencia
Conlin & Roberts, 414 Natoma
Cronan's Cornice Works, 718 Natama
De Lano Bros., 70 Spear
Finn John Metal Works, 384 2nd
Forderer Cornice Works, 269 Potrero av
Guilfoy Cornice Works, 209 8th
Heidt W. Cornice Works, 152 1st
Ideal Cornice Co., 1040 Howard
Jackson P. H. Co. (Floor Lights), 237 1st
Korell J. A., 777 Ellis
Olmo Frank, 3460 Mission
Pacific Metal Works, 153 1st
San Francisco Cornice Co., 555 10th
Shields & Hackett, 549 Howard
SAN JOSE—Mangrum & Otter Co.
SANTA ANA—Hill S. & Son
McFadden John Co.
Nickey F. P. Hardware Co.
SANTA BARBARA—Boeseke-Dawe Co.
Ott Hardware Co.
SANTA CRUZ—Byrne Bros.
SANTA MARIA—Bryant & Trott Co.
SANTA ROSA—Demmer Chas.
Potter J. H. Hardware Co.

COLORADO.

ALAMOSA—Spriesterbach G. W. Co.
COLORADO SPRINGS—Bumstead F. E.
Lowell-Meservey Hardware Co.
DENVER—Crosta Bros.
Denver Sheet Metal Works Co.
Globe Sheet Metal Co., 1413 Platte
Kessler, Fred
O'Brien, D. L.
Walters & Grutch
DURANGO—Chapman Hardware Co.
FLORENCE—Wilson George
OURAY—Arps Hardware Co.
PUEBLO—Klein Bella
TRINIDAD—Branson & Griswold Hardware Co.

CONNECTICUT.

BRIDGEPORT—Bridgeport Cornice Wks.
Drouve G. Co. ("Anti-Pluvius," Puttyless Skylights Only), 40 Tulip
Eames C. S. & Co.
Kirk W. P. Co.
Mills L. H. Co.
Park City Cornice Wks., Inc., 56 McKinley av
Reilly J., Jr.
Schietinger & Ladwig
Schwing Jno. Corporation
HARTFORD—Bostwick C. G.
Cullen & Atkinson Co.
Lurie Aaron
Moriarity E. A, 84 John
Stelling Fred. W. Corp.
MERIDEN—Griswold, Richmond & Glock Co.
MIDDLETOWN—Bacon Bros.
NEW HAVEN—Auto Aero Sheet Metal Works
Beegan John B., 952 State
Bradley Co.
Buckingham Routh Co.
Clerkin Andrew J.
Curtiss & Pierpont Co.
Day & Lee Co., 107 Water
Dorman H. W., 243 Congress av
Elm City Cornice Works
Horn, Lowden Co.
Meagher Thos. F., 30 Center
Menzies & Menzies, 196 Orange
New Haven Cornice & Metal Works
Perry H. M., 218 George
Rourke Bros. Co., 834 Grand av
Sheahan & Groark, 285 State
PUTNAM—Chandler & Morse
Perry & Brown
SOUTH MANCHESTER—Carrier E. T.
Ferris Bros.
WATERBURY—Amer. Sheet Metal Works
Barlow Bros. Co.
Gill John M.
McCarthy D. F.
Temple Thos. P.
Waterbury Sheet Metal Works
Weyand Henry Co.
WATERTOWN—Suffa Jos.
WOODBURY—Hitchcock F. F.

DELAWARE.

WILMINGTON—Cook H. R., 838 King
Johnson W. J.

DISTRICT OF COLUMBIA.

WASHINGTON—Daly & Hopper, 1802 11th, N W
Gichner Ernest, 1107 E N W
Giclas H. J., 1134½ S W
Giclas Louis, 6th & L., N W
Mathy Co., 1918 Pa. av, N W
Reavis Albert S. Sheet Metal Cornice Co., 719 2d, N E
Thompson J. D. Co., 2609 Penna. av, N W
Whyte W. M., 304 13th, N W
Wolfsteiner Co., 1315 W, N W

FLORIDA.

JACKSONVILLE—Johnson Chas. H. Co.
Tutt & Fowler
KEY WEST—Johnson W. A. & Bro.
MIAMI—Bohnert Matthew J.
PENSACOLA—Avery A. M. & Son
Vetter C. B.
SANFORD—Fernald Geo. H. Hardware Co.
TAMPA—Berry W. J. & Co.
Eagle Roofing & Art Metal Works

GEORGIA.

ABBEVILLE—Moody E. A.
AMERICUS—Schroeder W. H. R.
ATLANTA—Dowman-Dozier Mfg. Co.
Franklin Plbg. & Tinning Co.
Hunnicutt J. E. Co.
Warlick Sheet Metal Mfg. Co.
AUGUSTA—Slusky David & Sons
BRUNSWICK—Baker M. A.
Daniels Moses
CARROLLTON—Campbell W. S.
CARTERSVILLE—Lumpkin Hardware Co.
COLUMBUS—Gartman W. D.
Russell J. C.
ROME—Neal James
Rome Supply Co.
SAVANNAH—Cox C. A.
Hahne Frank
Pacetti's E. C. Sons
Sanders J. K.
Savannah Blow Pipe & Exhaust Co.
South Atlantic Blow Pipe & Sheet Metal Co.

IDAHO.

BOISE—Idaho Hardware & Plumbing Co. (Ltd.)

ILLINOIS.

AURORA—Aurora Cornice Works
Hart Charles H.
Messenger & Parks Mfg. Co.
BATAVIA—Barckley A. J.
BELLEVILLE—Lebknecher L.
BERWYN—Becker F.
BLOOMINGTON—Butler Harry
Muhl F. C. & Son
Read Geo. H. & Bros.
BLUE ISLAND—Schreiber Bros.
BRADLEY—Watson Jas. H. Co.
CHAMPAIGN—Mollett Chas.
CHICAGO—Abbot Cornice Works, 6022 Wentworth av
Abbot Sheet Metal Works, 816 S Wabash av
Abt L., 2651 W 12th
Acme Metal Ceiling Co., 733 S Halsted
Advance Roofing & Sheet Metal Wks, 4830 Cottage Grove av
American Luxfer Prism Co. (Skylights Only), 1018 37th
Biegler Louis Co., 167 N Curtis
Bloomer E. & Co., 530 E 39th
Bremer Henry F., 2227 Ogden av
Burkhardt G. Mfg. Co., 2123 N Clark
Buttenbender Jonas, 4154 Lincoln av
Cauble H. W., 666 W 63d
Chicago Cornice Co., 210 S Western av
Chicago Fire Window & Cornice Co., 1035 W Van Buren
Conen Stephen, 4305 Lincoln av
Dauchy Iron Works (Iron Frame), 223 W Illinois
Drouve G. Co. (Puttyless, Anti Pluvius, Skylights & Sash Operators), 180 N Dearborn
Eagle Cornice Works, 2726 Sheffield av
Farwell Cornice Co., 3935 Southport av
Forsman John A., 341 W 58th
Gelchsheimer Fred, 4910 Lincoln av
Glatt Jacob, 3640 Dickens av
Glowacki John B. Co., 1440 W 47th
Griffith Cornice Works, 2441 Indiana av
Gross Geo. M., 1445 S State
Hamer Fred, 938 W North av
Hempel Max, 3016 E 91st
Henning Bros., 3924 Indiana av
Herr Wm., 1625 W 15th
Hirsch K., 2016 W Division
Jensen C. E., 3331 W North av
Johnson O., 1002 W Randolph
Kitzelman & Dilley Co., 5918 Lowe av
Knisely H. C. Co., 1908 S Western av
Knisley Bros., 2799 S 5th av
Krefting Edw., 622 W Vanburen
Kubick Chas. F., 9270 S Chicago av
Lachele Henry L., 1511 Carmen av
Lamberty & Co., 4917 S Ashland av
Lengacher Wm., 2046 Larrabee
McFarland-Hyde Co., 2701 S 5th av
Maehler Paul Co., 807 W Lake
Masterton Albert E., 9108 Baltimore av
Meisel Ferdinand, 1439 N Halsted
Miller Jas. A. & Bro., 427 N Ashland
National Metallic Sash Co., 355 Union Park
Noble E. M. & Co., 108 S Desplaines
Noyes E. A., 1606 W Lake
Perkinson & Brown (Skylight), 412 N Lincoln
Prairie Frank, 3424 S State
Rickert M. H., 2635 W Madison
Rosch Math., 2937 N Ashland av
Rosehill Cornice Works, 5909 N Clark
Rysdon E. A. & Co., 527 W 41st
Rysdon Louis S. & Co., 3319 Wallace
Schmidt H. & Co., 451 S Clark
Schmidt Saml. (Galv. & Copper), 162 N Desplaines
Schultz D. D., 2047 W 22d
Slavik Frank, 3025 W Vanburen
Slavik & Co., 1500 Blue Island av
Smith J. & Co., 2755 W 22d
South Side Cornice Works, 4324 Cottage Grove av
Spalten Bros., 1240 S Crawford av
Spitzer Cornice Works, 1061 Addison

ILLINOIS—Chicago—continued
Staar Frank, 1473 N Halsted
Sykes Co., 930 W 19th pl
Teuffer Chas., 4816 W Erie
Tumpach Jos. Cornice Co., 2431 S Kedzie av
Universal Cornice & Roofing Co., 2241 S Troy
Vallas Wm. H., 2855 W Lake
Wagner Bros., 1010 Diversey P'kway
Warner Chas. W.. 522 W Harrison
Yeldham Herman J. Co., 950 W Vanburen
Zakrzewsky Herman, 6812 N Clark
DANVILLE—Dettman Wm. C.
King Bros.
DECATUR—Barringer Wm. C.
Central Cornice & Roofing Works
Decatur Cornice & Roofing Co.
DE KALB—Knodle B. C.
DIXON—Hofmann John
EAST ST. LOUIS—Haines O. J. & Son
Hogan Sheet Metal Works
EDINBURG—Ballet Jacob
EDWARDSVILLE—Bernreuther Fred
EFFINGHAM—Feldhake J. J.
ELGIN—Hawkins Bros.
GALESBURG—Galesburg Sheet Metal Works
Metal Barrel Co.
Willis Mfg. Co.
HIGHLAND PARK—Purdy D. C. & Sons
JACKSONVILLE—Brennan Joseph F.
JOLIET—Barrett Harware Co.
Bush & Handwerk
Meers R.
KANKAKEE—Reuter Henry & Sons
LA GRANGE—Mattingly John G
LA SALLE—Boyle Thomas
Camenisch John
LEBANON—Sager C. H. Hardware Co.
LINCOLN—Dehner & Wershey
MATTOON—Weber O. B.
MENDOTA—Edwards Geo. B.
MOLINE—Reid Co.
Willis & Sons Co.
MONTICELLO—Harris H. P.
MORRIS—Cronin Daniel G.
MURPHYSBORO—Stoelzle John & Bro.
OAK PARK—Zenner & Son
OLNEY—Jolly, Weiland & Richardson Co.
ONARGA—Amerman M. T.
OTTAWA—Paisley Wm. C. Roofing Co.
Pearson's Saml. S. Sons
Walter John & Sons (Slate & Metal)
PEORIA—Aylward R. C.
Bushell A. A. & Son
Hierspiel Bros.
Hunter & Strehlow Co.
Johnson Chas. Hdw. Co.
Kavanaugh Patrick H.
Meyer F. & Bro. Co.
Peoria Roofing Co.
QUINCY—Berghofer Mitchell Co.
Comstock-Castle Stove Co.
Scheipering Gustav
Schell & Kroner
Winking Geo.
Wurst C. H. Co.
ROCKFORD—Drake-Tucker Hdw. Co.
Harder A. P.
McGuire B. W.
ROCK ISLAND—Allen Nyers & Co
Bertelsen John
SPRINGFIELD—Armstrong Bros.
Edmonds F. E.
Foster Sheet Metal Co.
Illinois Art Metal Co.
Matheis Hardware Co.
Neuman J. C.
Robinson, Henson Co.
STERLING—Taylor F. R. & Co.
Trager Frank A.
STREATOR—Alband John
Howe A. J.
SYCAMORE—Ohlmacher C. J. & Co.

When writing to firms whose names appear in this book please mention
HENDRICKS' COMMERCIAL REGISTER.

INDIANA.

COLUMBUS—Brooks Bros.
CONNERSVILLE—Cain H. & Co.
ELKHART—Borneman & Sons
Garvin & Co.
EVANSVILLE—Groeninger J. J. Co.
International Steel & Iron Co.
Lohse H. Co.
Mesker Geo. L. & Co.
Schminke H. Co.
FORT WAYNE—Gerding & Aumann
Gunkel Otto F.
Miller C. & Son
Seavey Hardware Co.
Welch J. H. & Sons
GOSHEN—Goshen Cornice Works
HAMMOND—Hammond Cornice Works
HUNTINGTON—Bridge, Lewis & Sons
INDIANAPOLIS—Ensey Orvis B.
Frick Julius C., 1802 Orange
Gardner Joseph
Hornbrooke-Price Co., 1970 Madison av
Indianapolis Roofing Co., 155 Kentucky av
Off Christian & Co.
KOKOMO—Cain Milo
Kokomo Hardware Co.
LAFAYETTE—Co-Operative Tin Shop
Schimplefenig Chas.
Shipley Hardware Co.
LAPORTE—Decker Louis
LAWRENCEBURG—Stuber F. & Son
LOGANSPORT—Flanegin Hardware Co.
MADISON—Eckerts John Sons
Hoffman Peter
Quinn P. J.
MARION—Beshore Chas. & Co.
Hollinger M. G. & Co.
Swanger & McClain
MICHIGAN CITY—Bartholomew & Co.
Staiger Hdw. Co.
MISHAWAKA—Distler John C.
Lang O. E. & Co.
Swanger J. Q. Jr.
MONROEVILLE—Nill Thos. A.
MONTEZUMA—Sharp Al
MOUNT VERNON—Schenk E. B. Hdw. Co.
MUNCIE—Cook & Miller
Doyle Thos. F.
Warfel W. H.
Wells Arthur T.
NORTH MANCHESTER—Lockwood John B.
OLDENBURG—Schmidt Geo.
RICHMOND—Johanning Chas.
Ruch John
Schultz & Laning
RUSHVILLE—Beale Bros.
SHELBYVILLE—Brown Walter E.
Howard Alonzo
Pearson J. C.
SOUTH BEND—Lauber J. C. & Co.
Meyer G. E. & Son
TERRE HAUTE—Braden Mfg. Co.
Deady P. F.
Dudley A. W. Co.
Smith's C. C. & Sons Co.
Terre Haute Furnace & Sheet Metal Co.
VALPARAISO—Findling H. M.
VINCENNES—Dubois F.
Lauby C. W.
Vincennes Galvanized Iron Works
WASHINGTON—Gross F. H.

IOWA.

AUDUBON—Hoover G. W.
Reinemund Hardware Co.
BOONE—Noland L. C.
BURLINGTON—Forney J. H.
Haffner Chas.
Hillen Frank
CEDAR RAPIDS—Cedar Rapids Cornice Co.
Grissel J. P. Cornice Co.
CHARITON—Ensley G. W.
CLINTON—Armstrong C. E. & Sons
COUNCIL BLUFFS—Amy W. S.
Spencer F. A.
Walker Sheet Metal Co.
DAVENPORT—Hipwell Chas. G.
Reimers Peter A.
DES MOINES—Backman Sheet Metal Works
Des Moines Sheet Metal Co.
Kurtz L. H. Co.
St. John & Barquist Co.
Schlater R. H.
Steel Roofing & Stamping Works
DUBUQUE—Geisler Bros.
Klauer Mfg. Co.
ELDORA—Stauffer, Van Avery Co.
HARTLEY—Messer E. B. & Son
HUMBOLDT—Ward C. E.
INDEPENDENCE—Plane I. C.
IOWA CITY—Maresh Wm.
LYONS—Parker Bros.
MUSCATINE—McQuesten Hardware Co.
Thompson Bros. Co.
NEW HAMPTON—Garmen & Forkenbrock
OSKALOOSA—Hamilton & Hamilton
Wells & Stump
OTTUMWA—Harper & McIntire Co.
Haw Hardware Co.
McCarroll Bros.
SIOUX CITY—Eidt Julius
Larson C. A.
STATE CENTER—Schilling Bros.
McMahon J. L. & Son
STORM LAKE—Peterson Bros.
WATERLOO—Lichty B. F. & Son
Waterloo Mfg. Co.

KANSAS.

ATCHISON—Klostmeier Bros. Hardware Co.
Walcott H. C.
Weinmann C. F.
CONCORDIA—Blair J. F.
EMPORIA—Knapp O. H. P.
FORT SCOTT—Congdon D. C.
IOLA—Root W. H.
JUNCTION CITY—Muenzenmayer J. J. & W. F.
LEAVENWORTH—Endres J. A. & Son
Hoffman S. C.
NEWTON—Bachman C. A.
Bergh Wm.
OTTAWA—Elder Mercantile Co.
PARSONS—Steele Hardware Co.
PITTSBURGH—Bayley & Spicer
Beasley & Miller
SALINA—Kastner Chas.
TOPEKA—Forbes D. H.
Nussbeck John G.
Van Dorp L.
Wolf Bros.
WICHITA—Buckley Fred
Caswell & Hartsell
Martin Metal Mfg. Co.

KENTUCKY.

ASHLAND—Phelps Frank K.
CARROLLTON—Salyers C. D. & Son
COVINGTON—Brown R. L.
Glaser Wm. A.
Gottschalk F. S. Furnace & Roofing Co.
Moeschl-Edwards Corrugating Co.
Rasch C. F. Sons
DAYTON—Poos John
LEXINGTON—Bitterman E.
LOUISVILLE—Belknap Hardware & Mfg. Co.
Everett J. Guy Co., 1119 W Market
Falls City Cornice & Roofing Co.
Fink Philip & Sons, 213 S 1st
Geher Fischer & Co., 227 S 2d
Harpring L. H. & Bro., 1236 S Shelby
Heartick E. G., 915 E B'way
Louisville Cornice & Roofing Co.
Schreick J. & Co., 906 S Preston
Shaber W. F. Co., 730 S 12th
Smith Geo. L. Co., 108 E Main
Todd, Donigan Iron Co., 817 W Main
Wagner's J. F. Sons Co.
MAYSVILLE—Leonard & Lally
McClanahan & Shea
Rasp R. & W.
NEWPORT—Rust Lawrence & Sons
Wagenlander Jos.
OWENSBORO—Guenther Hardware Co.
Southern Foundry Co.
PADUCAH—Davis G. R.
Maret & Kauger

LOUISIANA.

NAPOLEONVILLE—Blanchard Bros.
NEW IBERIA—Ribbeck F. J.
NEW ORLEANS—Algiers Cornice & Plumbing Works, 157 Delaronde
American Sheet Metal Works, 3427 S Carrollton
Eichorn Mrs. Ludwig
Gulf Galvanized & Metal Works, 2845 Magazine
Louisiana Cornice Works
New Orleans Cornice Works Co., Cortez & Orleans
New Orleans Roofing & Metal Co., Cortez & Orleans
Redmond B. V. & Son, 309 Decatur
SHREVEPORT—Bain H. H. Sheet Metal Works
Wortman J. R.

MAINE.

AUGUSTA—Malcolm & Dyer Co., 159 Water
Taber & Reid 269 Water
BANGOR—Leighton Plumbing & Heating Co.
BATH—Barton Geo. H. W.
Rogers C. W.
Winslow J. A. & Son
BELFAST Stickney John B.
Wright C. L.
BIDDEFORD—Anthoine Geo. A.
BRUNSWICK—Ridley Geo. B. & Sons
EASTPORT—Martin E. S & Son Co.
Spates Wm. T.
LEWISTON—Kroneffel F. & Son
Lewiston Metal Cornice & Skylight Wks
Stetson Jos. H. Co.
MACHIAS—Crane Bros.
NEWPORT—Deering R. A. & Son
NORWAY—Leavitt W. C. Co.
OLD ORCHARD—Robinson Wm. B. & Co.
PORTLAND Alexander A. R.
Hollivan & Parker
McBrady Jno. E. & Son
Nash F. & C. B. Co.
Nash O. M. & D. W.
Scott Wm. H. Co.
Wheeler F. E.
ROCKLAND—Sleeper Bros.
SKOWHEGAN—Wood F. A.
WALDBORO—Curtis C. H.
Richards Bros.

MARYLAND.

BALTIMORE—Cotton Wm. E. & Co., 1600 Hartford av
Fingles W. A., 29 S Howard
Fitsberger John, Metal Cornice Co., 18 Clay
Fitzberger Thos. F., 213 Park av
Heil John C., 1204 N Gay
Hetzell John G. & Son, Paca & Mulberry
Kirwan Wm. T. A. & Son, 12 W Fort av
Kohlhepp Anthony, 616 N Eutaw
Lenderking P. H. Jr., Linwood av & Dillon
Monumental Cornice Works, 822 Hartford av
Moss Morris L., 38 S Eden
Northwestern Cornice Works, 1500 Penn av
Philipp-Kell Co., Inc., Holliday & Center
Purnell Art Co., 309 N Charles
VAILE & YOUNG, 216 N Calvert
Vollenweider J., 1506 Penna av
Ward Wilbur F., 20 W Pratt
Wilhelm J. Frank, 1050 Myrtle av
Zeller Wm. F. & Co., 1119 Denver
Zimmers A. M., 1808 Frederick av
EASTON—Hartnett W. J.
Shannahan & Wrightson Hardware Co.
HAGERSTOWN—Danzer Metal Works
HAVRE DE GRACE—Murphy J. T.
ROCKVILLE—Viett & Co.
REISTERSTOWN—Brown J. V.
SALISBURY—Dorman & Smyth Hdwe Co.
Gunby L. W. Co.
Salisbury Hardware Co.

MASSACHUSETTS.

ASHLAND—Angier Mills ("Rubberglass")
Enslin Franklin & Co.
ATTLEBORO—Flynn Wm. F. & Son
BOSTON—Ames & Ginty, Hereford
Badger E. B. & Sons Co. (Also Copper), 75 Pitts
Boston Roofing Co., 6 Beacon
Buchanan Geo. J. Co., 87 Commercial Wharf
Cambridge Cornice & Sheet Metal Wks., 16 E Dedham
Feeney John, 1 N Grove
Finkelstein M., 37 Spring
Harrigan J. & Son, 111 Liverpool E
Hicks S. D. & Son, 9 Bowker
Hind Thos. J., 19 Milk
Hub Cornice & Roofing Co., 184 Endicott
Hub Cornice & Skylight Co., 43 Bristol
Jeffers Wm., 77 Joy
Kalman Joseph & Son, 361 Chelsea E B
Labovich B., 1250 Tremont
Maguire W. J., 46 Cornhill
Marley Bros., 17 Southampton
Mayberger Edw. F., 1 Hubert
Mendum Jos. W., 278 Bennington, E B
Murtfeldt W. A. Co., 161 Devonshire
New England Cornice Co., 248 Bremen
Pemple Fr., 17 Bismarck
Pemple Geo. C., 27 Eustis
Van Noorden E. & Co., 100 Magazine
West End Cornice Co., 13 Lindall pl
Williams & Poore, 22 Medford
BROCKTON—Carr J. E. & Sons
CAMBRIDGE—Brock Bros.
Columbia Cornice Co.
Eagle Cornice & Skylight Works
Flynn T. J. Metal Wks.
Smith A. & Co.
CHICOPEE FALLS—Enright P. J Co.
CLINTON—Maitland Robert & Son
O'Toole Bros.
FAIRHAVEN—Delano C. F.
Forrest E. W.
FALL RIVER—Fall River Sheet Metal & Cornice Works
Hughes James T.
Wilcox D. T.
FITCHBURG — Fitchburg Heating & Plumbing Co.
Hart Patrick J.
Jennison Co.
HOLYOKE—Friedrich E. H. Co.
Richter Otto F.
Ruppert R. A. Co.
Shea & Co.
Sullivan & Carmody
LAWRENCE—Forbes Wm. & Sons
Horne Geo. W. Co.
Smart Geo. B. & Co.
Wilson Andrew Co., 616 Essex
See adv index at end of book
LEOMINSTER—Burrage H. E. & Co.
LOWELL—Carroll Bros.
Cushing D. & Co.
Gordon James L.
Lowell Furnace Co.
Mack W. A. & Co.
Stewart J. W. Co.
Wilder H. H. & Co.
LYNN—Bee's John D. Sons
MALDEN—West Alonzo A.
MANCHESTER—Beaton D. T.
Carter J. W. Co.
MARLBORO—Hall G. R. & Co.
Hill W. H.
MELROSE—Brock Bros.
METHUEN—Sanborn Furnace Co.
NEW BEDFORD—Wood, Brightman & Co.
ROCKPORT—Smith L. E.
Thurston & Hale
SOUTHBRIDGE—Winter G. C.
SOUTH HADLEY FALLS—Moriarty Bros.
SPRINGFIELD—Atwater E. C. & Co.
Brunton M. J. Jr.
Estabrook Geo. R.
Hampden Cornice Works
Pratt A. J.
Radding Co.
Treuchet F. E., 33 Sanford
STOUGHTON—Burrell H. G.
Deacon D.
TAUNTON—Munroe Plumbing Co.
Whitmarsh I. F. Co.
Wordell E. & Son
WALPOLE—Spear H. A. Jr.
WALTHAM—Carr F. C.
Codyer & Cavanaugh
WEBSTER—Rosebrooks & Cummings
WORCESTER—Barnard Geo. A.
McNally D. E. & Co., 24 Houghton
New England Steel Roofing Co.

MICHIGAN.

ALLEGAN—Phillips Bros.
BATTLE CREEK—Battle Creek Furnace & Roofing Co.
McCallum Wm.
BAY CITY—Walther A. & Sons
CALUMET—Carlton Hardware Co.
CASSOPOLIS—Hayden W. B. & Sons Co.
CHARLEVOIX Charlevoix Hardware Co.
CHEBOYGAN—Post J. J. Hardware Co. (Ltd.)
COLDWATER—Allen D. C. & Co.
Kerr Bros. Co.
DETROIT—Acme Roofing Co., 797 Russell
American Roofing Co., 634 Gratiot av
Basman A. M. & Co., 468 W Fort
Berschbach & Herz, 634 Gratiot av
Bertling Paul C. & Son Galvanizing & Sheet Metal Works, Hancock & 18th
Borgman A. J., 765 Forest av E
Burton W. J. Co., Junction & Federal
Candler Geo. V. Co., 1092 Jefferson av, E
Candler J. D. Roofing Co., 179 High, E
Candler Robt. Co., 963 Beaubien
Clark James F., 15 Grant ct
Cowan Edw., 175 Larned, W.
Cross Bros., 2330 Woodward
Detroit Cornice & Slate Co., 147 Antoine
Eagle Cornice & Roofing Co., ft of 24th
Gilbert G. W. & Son
Hines H. C. & Co., 354 Humboldt av
Home Roofing Co., 263 Winder
Howie Roofing Co.
Hutton Robt. Co., 116 Fort, E
Lewis Henry B., Ferry av & G. T. Ry.
Looman W. J., 856 E. Gd. blvd.
Mahon R. C. Co., St. Aubin & E Grd. blvd.
Marshall W. E., 628 Sheridan av
Michigan Cornice & Slate Wks., 117 Fort E
Milleville Bros., 679 Kercheval av
Motz W. E., 1197 Michigan
Orth Adam J. Co., 170 Hastings
Patlajohn L. Roofing Co., 657 Antoinil
Pudrith A. F. Co., 301 Fort, E
Pudrith & Candler, 76 Bush
Sexauer Chas. Roofing Co., 148 Sherman
Steyer Wm. F., 293 Pierce
Union Sheet Metal Works, 317 Farnsworth
Venderbush & Looman Co.
Verhaeghe A., 564 Mt. Elliott
Wrench C. E.
Young Bros. Co.
ESCANABA—Delta Hdw. Co.
Escanaba Hdw. Co.
EVART—Smith J. K.
FREMONT—Hain G. E. Co.
GRAND RAPIDS—Grand Rapids Sheet Metal & Roofing Co.
Hopson W. C. Co.
Sokup F. J.
Sproul & McGurrin Co.
Weatherly Co.
HOLLAND—Van Landegend G. A.
Van Landegend Tyler
HOUGHTON—Portage Lake Hdw. Co. (Ltd.)
HOWELL — Schroeder-Rutka Hardware Co.
ISHPEMING—Eggan Fred J
Jochim J. W. Hardware Co. (Ltd.)
JACKSON—Creque & Thurston
Daly & Rutherford
McGraw & Crone
McLean Frank & Co.
Oleslager John B.
KALAMAZOO—A. & D. Sheet Metal Works
Kalamazoo Sheet Metal Mfg. Co.
Middaugh E. H.
LANSING—Fleming Jas.
Mudford Wm.
LAPEER—Gray Sidney T.
LUDINGTON—Bradl Frank
Goodsell B. J. Hdw. Co.
MANISTEE—Manistee Iron Works Co.
MARQUETTE—Clark D. M.
Manhard M. R. & Son
MENOMINEE—Bertholdt H. C.
Fernstrum Frank G.
Northern Hardware & Supply Co.
MIDLAND—Reardon & Beckwith Merc. Co.
MUSKEGON—Towner Hardware Co.
NEGAUNEE—Lucas H. N.
NORTHVILLE—Huff James A.
PLYMOUTH—Connor Hardware Co. Ltd.
PORT HURON—Dart James A. & Son
QUINCY—Cole S. B.
SAGINAW—Jacobi Alex.
Leyerer J. S. & Co.
Saginaw Sheet Metal Works
Taub H. L.
VALLEY CORNICE & SLATE CO., (LTD.) (Also Copper)
SAULT SAINTE MARIE—Soo Hdw. Co.
SHELBY—Rankin A. J.
TECUMSEH—Satterthwaite Bros.
VASSAR—Dean H. C.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER

MINNESOTA.

DULUTH—Burrell & Co.
Deetz & Co.
Duluth Corrugating & Roofing Co.
Hollihan & Milostan
FERGUS FALLS—Bauer Jos.
MINNEAPOLIS—Berger Mfg. Co.
Durgin & Son
Gerber J. J., 128 6th av S
Henning Julius, 315 Plymouth, N.
Minneapolis Roofing & Cornice Co., 1121 S 7th
Nees Louis, 240 12th av
Northwestern Roofing, Cornice & Stamping Works, 1111 S 5th
Seelye A. T., 700 E Hennepin av
Selden Roofing & Manufacturing Co., 76 Western av
Stremel Bros. Roofing & Cornice Co., 1314 N 3rd
Swenson A., 807 Emerson av
Townsend A. W., 20 S 2nd av
Wishart R. S. Co.
NORTHFIELD—Northfield Furnace Co.
OWATONNA—Parrott & Smith
ST. CLOUD—Ladner C. F. Hardware Co.
Powell Hardware Co.
ST. PAUL—Griffin & Boehme, 350 W University av
Haag Joseph Roofing & Cornice Co., 29 W 3rd
Minnesota Roofing & Cornice Works, 135 E 12th
St. Paul Roofing, Cornice & Ornament Co., Wabasha & Water
Staples Bros., 218 S Wabasha
ST. PETER—Feldman Chas. H.
VIRGINIA—Virginia Roofing & Cornice Co
WINONA—Magnus Henry

MISSISSIPPI.

VICKSBURG—Bruser W. H.
YAZOO CITY—Cummings M. F.
Jenne Geo.

MISSOURI.

BOONVILLE—Vanatta Mrs. F. M.
BUTLER—Bennett-Wheeler Mer. Co.
CAPE GIRARDEAU—Brunkhorst A. F.
Vogel W. H.
DE SOTO—Slawson A. F.
HERMANN—Eberlin Christ & Son
INDEPENDENCE—Hill Martin & Hill
JOPLIN—Joplin Cornice Works
Wenzel F. M. Sheet Metal Co.
KANSAS CITY—Haftenkamp G., 34th & Prospect av
Kansas City Furnace Co., 2429 Independence av
Kansas City Galvanizing & Mfg. Co., Park & Edgar avs
K. C. Sheet Metal & Furnace Co., 3803 Woodward
Kornbrodt Cornice Co., 1811 Troost av
McClelland R. H., 4220 E 56th
Stophlet P. S. Sheet Metal Works, 12 E Missouri av
Vanstone Walter, 2910 E 18th
Weis Henry Cornice Co., 4124 E 12th
Wiedenman W. C., 1820 Harrison
Zahner Mfg. Co.
LEXINGTON—Marrs Wm. S.
Schawe G. C.
Yingling C. E.
Weis F. W.
MOBERLY—Stauffer P
NEOSHO—Briggs Hardware Co.
NEVADA—Norman W. F. Sheet Metal Mfg. Co.
ST. JOSEPH—Seaman & Schuske Metal Works Co.
Wehrman Wm.
Whelan Alex. T.
ST. LOUIS—Albert & Fischer Hardware & Sheet Metal Co., 2524 S 7th
Auer F. E., 3507 N 22nd
Axthelm August W., 1604 Tower Grove av
Bannantine Galvanized Iron Mfg. Co., 117 Soulard
Blohm Chas. H., 1120 Emmet
Caplan Galvanized Iron Cornice Co., 4414 Easton av
Clemens Jno. Galvanized Iron Works, 1922 S 7th
Eberle Cornice Co., 4014 Laclede av
Euclid Furnace & Cornice Works, 796 N Euclid av
Fleck Chas. W., 2016 Cherokee
Gerock Bros. Mfg. Co., 1252 S Vandeventer av
Gruendler A. H., 1018 Cass av
Hammond Sheet Metal Mfg. Co., 2nd & Cass av
Higgins J. F. & Co., 5751 Easton av
Hopmann Cornice Co., 2573 Benton
Huber Cornice Co., 3744 St. Louis av
Kohlmeyer Geo. E., 8222 N B'way
Mesker Bros. Iron Co., 421 S 6th
Mound Rose Cornice Co., 726 N Euclid av
Murphy E. & Co., 3724 Cass av
Palubiak & Son, 4107 Chippewa
Powers & Boyd Cornice & Roofing Co., 3614 Laclede av
Rowland Sheet Iron & Cornice Works, 3713 Cass av
Ruth Jno. F., 4249 Easton av
Souther E. E. Iron Co., Klenlin & Hamburger
Stark Henry & Co., 901 Victor
Tiernan Luke, 1019 Chestnut
Von der Au & Cluss Mfg. Co., 2408 S Jefferson
Wellston Galv. Iron & Cornice Works, 6222 Easton av
West End Cornice Works, 5237 Delmar
Wilsdorf M. A., 213 St. George
Zitko Chas., 2923 Olive
Zuber Mfg. Co., 3117 S B'way
SPRINGFIELD—Anslinger Sheet Metal Works Co.
Becker & Cramer
Kirby & Naber
Raymond Heating Co.
Wellhener Wm. Heating & Sheet Metal Co.

MONTANA.

ANACONDA—Copper City Commercial Co.
BOZEMAN—McCay H. B.
BUTTE—Dorhoffer F. J. Co.
GREAT FALLS—Great Falls Iron Works
Murphy-Mac Clay Hardware Co.
HELENA—Adams Heating Plumbing Co.
McKinnon H. A.
Mitchell John

NEBRASKA.

BEATRICE—Spieler Jos.
FREMONT—Smith F. M. & Son
HASTINGS—Still Joseph H.
HOOPER—Heine J. F. & Son
KEARNEY—Kearney Hardware Co.
LINCOLN—Lincoln Cornice & Metal Wks
NORTH PLATTE—Fillion Jos.
OMAHA—Bernstein J.
Biorson Sheet Metal Works
Carter Sheet Metal Co.
Epeneter G. F. Cornice Works
Haas Chas. Sheet Metal Works
Kastl J. F.
Olson Bros.
Omaha Steel Ceiling Co.
PLATTSMOUTH—Kroehler Bros.

NEVADA.

RENO—Nevada Sheet Metal Works

NEW HAMPSHIRE.

BERLIN—Berlin Mills Co.
CONCORD—Bailey W. T. & Co.
MANCHESTER—Bisson & Jodoin, 124 Franklin
Lawson H. J.
O'Brien M.
Pike & Heald Co.
PORTSMOUTH—Paul W. E.
Sweetser J. G.

NEW JERSEY.

ATLANTIC CITY—Currie Co.
BAYONNE—Bayonne Cornice & Skylight Co.
Devaney Jno. J. & Co.
Gilbertson J.
BERNARDSVILLE—Griffith C. H.
BOONTON—Kopps Jno. I. Sons
BOUND BROOK—Williams Thos. F.
Zepp W.
CAMDEN—Metallic Mfg. Co.
ELIZABETH—Elizabeth Cornice Works
Faulks Jas. H. Co.
ENGLEWOOD—Beck Wm.
Dubois Chas. L.
Hickey & Baker
HARRISON—Godby W. H. & Bro.
HIGHTSTOWN—Taylor Jas. A.
HOBOKEN—Dorsett T. W. Co.
Leonard Sheet Metal Works
IRVINGTON—Central Cornice & Skylight Works
JERSEY CITY—Anderson Bros. Co., 394 Grove
Donavan D. F., 505 Newark av
NATIONAL SHEET METAL ROOFING CO., 339 Grand.
See adv index at end of book
Pfistner Frederick, 108 Lincoln
Rader Henry, 27 Thorne
Ringle Jacob & Son, 83 Newark av, (also Copper, etc)
Schreck & Waelty, 27 Hague
LONG BRANCH—Warwick W. R.
NEWARK—Allwood J. R. & Son, 39 Marshall
Baier & Conrad, 336 Hunterdon
Berla Elias, 232 Mulberry
Ding & Teuschler, 11 Holland
Engelberger F. & W. V. Co., 159 Jelliff av
Essex Cornice Works, 61 Polk
Hammond Theo. C., 13 Ferry
Newark Cornice & Skylight Works, 9 17th av
Pfennig J., 24 Hamberg pl
Schaefer Wm. F., 692 S 11th
Schwing & Co., 190 Ferry
Simpson Albert J., 223 Clinton av
Smith Frank F.
Steinberg Jacob, 229 Belmont av
PASSAIC—Falstrom & Torquist Co.
PATERSON—Lendrim H. C. Co.
McNeill Lawrence W.
Quinn Bros.
Rogers Andrew J. Co.
PRINCETON—Margerum H. W.
Stryker A. Y.
RARITAN—Wyckoff J. C. & Son
RUTHERFORD—Tallman S. C.
SALEM—Righter J. C.
SCOTCH PLAINS—Jahn's Robt. Sons
TRENTON—Carlls C. W. Sons, Warren & Front
WEST HOBOKEN—Gutschmidt W. H.
Malecot P. B. & Co.
Sutter Louis
WEST NEW YORK—Gronborg C. C.
WOODBURY—Muller Harry

NEW MEXICO.

ALBUQUERQUE—McClaskey W. A.

NEW YORK.

ALBANY—Ackroyd Jas. & Sons
Fitz Gerald Jno. L.
Gorman Jas. J.
Hoffman J. H. B.
Walsh Jas. D. Sons
AMSTERDAM—Dwyer Cornelius
AUBURN—Hungerford J. A.
BINGHAMTON—Freeman E. G. & Co.
McIntyre & Walter
Lynch's Jno. R. Sons
Young J. J.
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Bauer's Chas. Sons, 159 William
Christman Phillip & Sons Co., 858 Virginia
Christmann Sheet Metal Co., 285 Delaware av
Degenhart & Co., 1910 Niagara
Elsinghorst John H., 574 Michigan
Fisher Martin & Sons, 438 Pearl
Gruber Rupert & Co., 541 Sherman
Machwirth Bros. Co. (Also Copper, etc), 201-9 Oak
Peters G. H. Co., 293 Oak
Rademacher Bros., 343 Fox
Roty A., 206 High
CATSKILL—Day & Holt Co.
CATTARAUGUS—Eberlee T. J.
CUBA—Sisson & Smalley
DOBBS FERRY—Siess A. C.
ELMIRA—Barker, Rose & Clinton Co.
Young Chas. W.
FORT PLAIN—Linney W. T.
Stewart & Bergen Co.
FULTON—Johnston Geo.
GLENS FALLS—Adams G. E.
HUDSON—Macy Frank R.
JAMAICA—(See New York City, Borough of Queens)
KINGSTON—Wieber & Walter
LESTERSHIRE—Becker C. D.
LONG ISLAND CITY—(See New York City, Borough of Queens)
LYONS—Hartman Wm. T.
Marshall Barrick Co.
MOHAWK—Richardson Co.
MORAVIA—Small F. & Son

MOUNT VERNON—Norden J.
NEWBURGH—Atlas Roofing Co.
NEW ROCHELLE—Heintz W. H.
Helmrich Geo.

NEW YORK CITY.

Borough of Brooklyn

BROOKLYN—Ahern A. W., 8812 24th av
Blecher Bros. Co., 49 Nostrand av
Bloch Jos. Co., 90 Bushwick av
Bloom Percy & Co., 205 Washington
Buchanan Wm., 488 Sumner av
Buell C. S. Co., 198 Fourth av
Burger & Gohlke, 232 Seventh
Cohen Henry, 1340 Fulton
Craig & Brown, 421 20th
Davis Jno, 170 Court
Friedburg & Son, 278 Division av
Friedman S. M. Co., 95 Cedar
Fuchs Louis, 76 Vermont
Gorlitz S., 65 Reid av
Haines A., 100 Fulton
Halpin Jas., 1718 Fulton
Herrmann & Grace Co., 671 Bergen
Hoellerer Jos., 91 Union av
Kuhnla August, 10 Lorimer
Muller E. A. & Bro., 687 4th av
Ostergren Samuel, 725 3d av
Seton Frank J., 78 Washington av
Waldhauer, Stevens Co., 1721 Nostrand av

Boroughs of Manhattan and Bronx.

NEW YORK—Abbott's M. Sons, 137 8th av
Albach Theo., 335 E 133rd
Amalgamated Cornice Roofing Co., 161 Broome
American Luxfer Prism Co. (Skylights only), 139 Spring
Anderson Albin Co., 291 E 137th
Architectural Cornice & Skylight Works, 4077 Park av
Architectural Metal Works, 157 E 85th
Bauman Jos. & Son, 61 E 4th
Berglung Chas. & Son, 236 E 47th
Bickelhaupt Geo., Skylight works, 722 11th av
Bickhardt Andrew, 3540 Bronx blvd
Biller & Spawn, 81 1st
Blayer Chr., 161 W 145th
Blechner Bros., 43 1st
Blechner's Albert Sons, 677 Bergen av
Borkel Jno. & Co., 42 E. Houston
Breivogel Geo., 46 Rose
Bronx Metal Works, 1833 Washington av
Central Cornice Works, 336 W 37th
Central Sheet Metal Works ("Maxbar"), 260 E 78th
Christiansen Chas., 276 Water
City Cornice & Skylight Co., 267 W 35th
Deutsch Jacob, 232 Chrystie
Dietze Oscar, 208 E 74th
Dugan Geo. A. Co., 200 5th av
Dunn, L. J., 1976 Lexington av
Eastern Cornice & Roofing Co., 9 Rutgers
Erker Adam M., 432 W 37th
Essenwanger Chas. & Son, 280 E 148th
Fager John A., 213 E 144th
Feiner P., 335 W 44th
Fessler David, 347 E 105th
Fordham Cornice Works, 1004 Tremont av
Forster J., 413 E 53d
Freyberg Richard H., 2308 2d av
Fulton Cornice & Skylight Works, 5 Rivington
Greenberg Guarantee Roofing Co., 22 Catharine
Guarantee Roofing Co., 61 E 4th
Guarantee Sheet Metal Works, 439 E 23d
Harrison M. & Son, 214 E 52d
Hayes Geo. Co., 311 E 23d
Hell Gate Sheet Metal Works, 236 E 95th
Hilts Wm. H. Co., 82 W 3d
Hinz Albert, 403 E 16th
International Guarantee Roofing Co., 1677 Lexington av
Izmirian Chas. Cornice & Roofing Co., 4417 3d av
Kalbert Adolph & Son, 170 E 3d
Katz Saml., 439 E 23d
Klein A., 383 E 34th
Lauber Albert, 433 W 42d
Maltby Prism Co., Flatiron bldg
Manhattan Roofing Co., 133 E 118th
May Wm. M. Co., 537 W 54th
Moritz Isaac, 1192 2d av
Morrow John Co., 313 W 20th
Mulberry Roofing Co., 46 Greenwich
Muller R. & O., 358 E 151st
Murphy Geo. M., 43 New Chambers
National Cornice & Skylight Works, 417 E 9th
National Ventilating Co., 337 E 26th
New York Cornice Works, 230 E 22d
Nicholson & Galloway, 646 Hudson
Oppel Rudolph, 230 E 22d
Perfect Cornice & Roofing Co., 457 E 180th
Perske Frank, 439 E 92d
Peters Wm. C., 1859 Carter av
Pfeifer Bros., 473 Greenwich
Pfeiffer E., 1263 Jerome av
Preusser Jno., 302 W 122d
Rosenfeld I., 274 Av B
Samlovitz Max, 260 E 78th
Saron David, 2164 Madison av
Schumacher J. Sheet Metal Works, 3464 3d av
Schwoerer A. Constr. Co. 140 W 42d
Shapiro David, 3474 3d av
Sobel & Kraus, 307 W 117th
Sommerfeld A., 4077 Park av
Standard Utility Co., 225 Lexington av
Star Cornice, Skylight & Roofing Works, 569 3d av
Storch L. A. & Co., 517 E 73d
Superior & Skylight, 643 1st av
Universal Skylight Co., 519 E 73d
Vogt Geo. J., 305 E 60th
Washington Guarantee Roofing Co., 718 Westchester av
Weinstock & Cohn, 170 E 32nd
Westergren M. F., Inc., 213 E 144th
Zimmermann V., 3610 3d av

Borough of Queens.

LONG ISLAND CITY—American Bar Lock Co., Borden av
Brodie Wm., 307 Jackson av
Jeter A H. & Co., 91 Webster av
Petry John W. Co., 87 5th

Borough of Richmond.

TOMPKINSVILLE—Girrbach Paul, St. John's pl.

(End of New York City)

NEW YORK MILLS—Hastings M. E.
NIAGARA FALLS—Machwirth Bros. Co.
OLEAN—Pierce O. W. Co.
ONEIDA—Lype Bros.
PENN YAN—Hollowell & Wise Co.
POUGHKEEPSIE—Adriance Plumbing & Heating Co.
Aldrich Elbert
RAVENA—Strevell & De Friest Hdw. Co.
RED HOOK—Curtis J. A.
ROCHESTER—Calder Robt. Co., 86 Exchange
Fricker John Co., 10 Ely
Knowles & Peck, 50 Franklin
National Skylight & Ventilator Co.
Schoenemann Fred, 464 St. Paul
Siddons John Co.
RONDOUT—(See Kingston)
ROUSES POINT—Chilton Geo.
SCHENECTADY—Allen Jno.
Case Levi & Co.
Craig & Vrooman
MacGregor Thos. F.
Vrooman's J. V. Sons Co.
SHELTER ISLAND HEIGHTS—Harris C. S.,
SYRACUSE—Bradford & Deruchie, 439 E Water
Cashman & McCarthy, 372 W Fayette
Curran Jas.
Gooley W. F., 1911 W Fayette
Talbott Thos. & Son, 240 W Water
TONAWANDA—Koenig H. B.
TROY—Loeble Herman G.
Manogue Edward Co.
WARWICK—Montross A. W.
Ogden & Co.
WATERTOWN—Arthur H. S. & Sons Co.
McCrady A. C.
WATKINS—Durland L. H. Son & Co.
WELLSVILLE—Hoyt Hdw. Co.
WHITE PLAINS—Fowler & Sellars Co.
YONKERS—Fitzgerald David
McVicar Thos.
McVicar Wm. H.
Scholding C. E.

NORTH CAROLINA.

ASHEVILLE—McPherson Jos. C.
CHARLOTTE—McCausland J. N. & Co.
Ray G. G. & Co.
Shuman C. F.
WINSTON-SALEM—Brickenstein L. B.

NORTH DAKOTA.

FARGO—Fargo Cornice & Ornament Co.
GRAND FORKS—Barnes & Nuss Co.

OHIO.

AKRON—Akers & Harpham Co.
Akron Roofing Co.
Kasch Roofing Co.
May Fiebeger Co.
ALLIANCE—Casselman C. W.
CADIZ—Bryan H. E.
CAMBRIDGE—Hartley W. H. Sons & Co.
CANTON—Canton Art Metal Co.
Canton Cornice & Skylight Co.
Eller Mfg. Co.
Kanneberg Roofing & Ceiling Co.
CINCINNATI—Andler Adam, 3028 Highland av, Mt. A.
Beckman Wm., 15th & Bremen
Blum Albert, 4244 Allison, Norwood
Boesch Victor P. & Son, Linwood & Delta av
Brandis William, 3109 Reading rd
Breese Bros. Co., 2347 Reading rd
Brown R. L., 2023 Pearl Cov.
Brunen Wm. B., 651 Pike Cov.
Cincinnati Cornice Works, 637 W Court
Cincinnati Stamping Co., 24 W McMicken av
Dearking E. L., 1663 Iliff av
Dirr George L. & Son, 3631 Warsaw av P H
Eble Chas., 1907 Vine
EDWARDS MFG. CO., 545-565 Eggleston av *See adv index at end of book*
Emmers Cornice Co., 1007 B'way
Fahnle & Dietrich, 537 Oliver
Fisher Philip, 1066 Central av
Freund J. Roofing Co., Mitchell av & B & O S W Ry
Greiwe E. & Bro., 1128 B'way
Hauck Michael, 1351 Walnut
Herrmann Bros., 6th & Clay, Day.
Hirt Bros., 2013 Elm
Kobmann Chas., 1919 Central av
Koch Edw. A. & Co., 427 W Front
Kopelent Henry, 2723 Vine
Kruse Wm. & Co., 523 Wade
Lee Thomas, 129 W 2d
Meyer Edw. & Co., 212 Wade
Moeschl-Edwards Corrugating Co., 120 W. 9th cor.
Neabrey Leonard, 637 W Court
Porter Iron Roofing & Corrugating Co., 522 Culvert
Queen City Exhaust & Blow Pipe Co., 423 York
Rothert Harry, 1452 Walnut
Scott Roofing & Mfg. Co., 408 Culvert
Spatz H. P., 3901 Colerain av
Sweeney J. A. & Co., 829 W 5th
Verges Ferd. F., 2543 Vine
Weigel John Co., 664 E McMillan
Weissenberger Geo. K., 4011 Spring Grove av, Cum.
Witt Cornice Co., 2118 Winchell av
Witt & Brown, 215 W 3d
CLEVELAND — Cleveland Galvanizing Works, 3924 Cooper, N E
Cleveland Metal Roofing & Ceiling Co., 3105 Detroit av
Cuyahoga Roofing Co., Woodland & N P R R
Garry Iron & Steel Co., 615 St. Clair av N W
Gould Lee H. & Co., 251 Arcade
Grauer Albert & Co., 318 Long av, N W
Huntington Hy. J., 1010 Superior av
Mannen John E. Co., 2247 St. Clair
Ohio Roofing & Asbestos Co.
Ortli Chas. F., 2510 Barber av, S. W.
Riester & Thesmacher Co., 1512 W 25th
Rudolph & Son Co., 416 Prospect av, N W
Stran C. W. Co., 720 Hamilton
COLUMBUS—Calkins Wm. H., 751 E Long
Schilling John N., 479 N 20th
Schoedinger F. O., 142 N 3d
Schoedinger-Marr Co., 102 N High

OHIO—continued
DAYTON—Bretch A., 20 Stone
Buvinger G. W. & E. E.
Couch A. M., 236 S Euclid av
Hoersting & Holtmann, 1133 W 3d
Kenney J. R., 251 S Wayne av
Rieck Sheet Metal Co., Monument & Taylor
Wintersteen C. A., 408 W 3d
Wuichet Chas. & Co., 14 S Canal
ELYRIA—Elyria Hdw. Co.
FINDLAY—Fiscus W. J.
Gates N. S. & Son
Hoffman & Bryan
Klein Fred
FOREST—Dickelman Mfg. Co.
GALION—Sponhauer H. C.
GLENDALE—Dollman J. W.
Schatzman P. & Son
GREENVILLE—Beedle C. F.
HAMILTON—Bauer E.
Becker Jno. L.
Schlosser Jacob & Son
Zschau A. E.
IRONTON—Fillgrove Louis A.
KENT—Reed C. R.
LIMA—Smith Wm. A.
LONDON—Thomas & Armstrong Co.
LORAIN—Weimer C. A.
MANSFIELD—Flohr G. Co.
Hoffman Chas. Co.
Martin, C. E. & Bros.
Runyan C. C. & Son
MARION—Saiter F. R.
MASSILLON—Kammer & Ertle
Portman Albert F.
MEDINA—Oatman's Furnace Co.
MIAMISBURG—Schell J. A.
MIDDLETOWN—Johnson J. A.
MILLERSBURG—Fitch John & Son
NILES—Cramer Geo.
Unger F. S., Plumbiing & Heating Co.
PIQUA—Lee Geo. E.
PORTSMOUTH—Glockner Alexander M.
SANDUSKY—Bitter Joseph
Gundlach Chas.
Hemmerle Frank J.
Mertz & Sons
SHELBY—Armstrong G. W.
SPRINGFIELD—Follrath W. D. & Co.
Hauck Chas. F. & Co.
Hendrickson Roofing Co.
Jones F. O. & Co.
Lafferty Sam'l J. & Sons
Peet & Schuster Co.
TIFFIN—Tiffiin Art Metal Co., 20 Broad
TOLEDO—Curran & Firth
Gerken J. D. & Co.
Hofer G. & Sons Co.
Loeffler Theo. J. M.
Warnke Bros. Co.
WARREN—Browning Wm.
Skinner E. W.
WELLINGTON—Peirce A. H.
WELLSVILLE—White, Perkins & White
WILMINGTON—Jefferis W. W.
XENIA—Henrie C. B.
YOUNGSTOWN—Brier Hill Steel Co.
Dalzell Bros. Co.
Squire Jno. R. Co.
ZANESVILLE—Ludy J. W.
Snyder Roofing Co.

OREGON.

BAKER—Basche-Sage Hardware Co.
GRANTS PASS—Cramer Bros.
McMINNVILLE—Hodson O. O.
PORTLAND—Bayer J. C.
Hirschberger H. Co.
Moore-Meagher Co., 228 Ash.
Tilton Bros.
Wynkoop Bros.
SALEM—Barr T. M.
Fraser A. L.

PENNSYLVANIA.

ALLENTOWN—Best J. A. & Co.
Hersh & Bro.
Miller J.
Neff Bros.
ALTOONA—England S. B.
Garrahan P. F.
Johnson A. A.
Klesius Geo. A., 609 12th
ARDMORE—Whelan Martin
ASHLAND—Lauer J. J.
McConnell & Bro.
BEAVER FALLS—Asbestos Protected Metal Co.
Davidson W. J.
BELLEFONTE—Twitmire W. T.
BETHLEHEM—Bethlehem Roofing & Metal Works.
Lehigh Valley Cornice Works
BRADDOCK—Loew's John A. Sons
Shirer John W.
BUTLER—Campbell J. G. & W.
CARNEGIE—Rome George & Co.
CHESTER—Doran Jno. A.
Goodman K. & Son
Ward Hugh H.
CLEARFIELD—Powell Wm. F.
CONNELLSVILLE—Munson Bros.
CORRY—Barlow Hdw. Co
Guignon E. E.
Guignon H. A.
DUQUESNE—Thomas G. E.
EASTON—Arndt Wm.
Kinsey Howard P.
Miller E. H.
Miller Hy. R.
Stotz Bros.
EAST STROUDSBURG—Lessig J.
ERIE—Braggins John H. & Sons
Krack Gust. & Son
Murphy Bros.
Patterson & Stirling
GIRARDVILLE—Griffith Hardware Co.
GREENSBURG—Overly W. F.
HALLSTEAD—Rogers Jos. B.
HANOVER—Bargelt & Son
HARRISBURG—Fager G. C. & Sons
Zollinger G. J.
HAZLETON—Koehler Fred
HOMESTEAD—Snyder Louis B.
HONESDALE—Erk Bros.
Watts G.
INDIANA—Alter C. A.
JOHNSTOWN—Doyle Frank J.
Fenn Wm. J.
Friedhoff & Mahaffey
Johnstown Supply House
Joy Bros.
KINGSTON—Johnson H. F. & Sons
LANCASTER—Arnold Thomas
McAllister & Kline
Pohl John E.
LEBANON—Bressler C. O. & Co.
LOCK HAVEN—Fickincher Fred
McKEESPORT—Kemp Jas. F. & Bro.
Matthews Lewis K.
Trader E. N.
MAHANOY CITY—Morgan William
NANTICOKE—Hill & Evans
PEN ARGYL—Correll R. S.
PHILADELPHIA—Abronski Bros., 1615 Stiles
Arensberg & Clemence, 924 Moyamensing
Basford, Erickson & Co., 24 Armat, Gtn
Benjamin Michael 1718 S 4th
Blefgen Hy. J., 868 N 4th
Bohem A. & G., 15th & Federal
Brinkmann Bros., 2617 Frankford
Brown Jos. E. Co., 1003 Race
Byrd John, 1427 Catherine
Central Cornice Works, 345 N Frazer
Decker John & Son, 2704 Girard av
Donovan Wm. J., 1506 Ogden
Easterbrook Wm. Jr & Bro., 311 Cherry
Ellis Geo. D. & Sons Co., 309 N 3d
Enterprise Cornice Wks, 759 N Markoe
Excelsior Cornice Wks, 1926 S Colorado
Fossett Geo. W. & Son, 10 N Vogdes
Gara, McGinley Co., 23 S 17th
Garraty & Co., 1629 Ransted
Girard Cornice & Roofing Co., 1022 Ridge
Goodwin F. O.,, 5556 Arch
Graber Francis, 2306 N 4th
Hartley John H., 3402 H
Jakoby, Anton, 3122 Kensington
Laurel Mfg. Co., 627 N 3d
Lorenz Chas., 1018 Callowhill
Lupton's David Sons Co., Allegheny av & Tulip
Lyster Sheet Metal Co. ("Lyster's" Ventilated), 1220 Filbert
McFarland, Meade Co., Woodland av & 46th
McGinley Howard J. & Co., 1719 Ludlow
Metal Cornice & Roofing Co., Front & Dickinson
Miller Isaac J., 1926 S Colorado
Northwestern Cornice Works, 2637 W Hagert
Penn Metal Ceiling & Roofing Co., (Ltd.), 23d & Hamilton
Ray James, 2d & Indiana
Roseberry W. L., 345 N Frazier
Rosenthal Jos., 220 N 5th
Ruger Louis, 1603 N 4th
Salinger Chas.,1110 Ridge av
Schmitt Edw. F., 521 Ludlow
Schnitzler Chas. H., 215 N 2d
Schuch John L., 930 Diamond
Schwingle Bros., 2637 W Hagert
Thorn J. S. Co. (Also Copper), 20 & Allegheny av
Tyson Frank, 759 N Markol
Wackerman Albert, 859 Church la
Warren Edgar Co., 116 N 16th
Wayne Junction Metal Cornice Co., 4545 Wayne Gtn
PITTSBURGH—Acme Cornice, Skylight & Roofing Co., 30 Fernando
Brewer & Tyhurst, 116 Washington
Cusick Cornice & Roofing Co., 2602 5th av
Davis Bros., 204 Dilworth
Fortenbacher J. & Son, 538 E Ohio
Gantner Wm. Co., 9 Del Ray
Haas Morris, 1817 Mary
Iron City Roofing Co., 6943 Franks-town av
Irwin Thos. Mfg. Co., 307 Cremo
Johnson Bros., 4 Industry
Keighley S Metal Ceiling & Mfg. Co., 124 3d av
Kirsch Jacob Co., 3234 Penn av
Link J. & Son, 1918 East
Luckhardt Louis, 85 Sweetbriar
McIlroy J. D. & Sons, 508 2d av
Perritt Iron & Roofing Co., Rosedale & P R R
Pittsburgh Sheet Metal Co., S 20th & Wharton
Rasner & Dinger Co., 2d av & Ferry
Schmidt Geo. P. Co., 1020 E Ohio
Schnaufer Roofing Co., 816 Concord
Scholes Bros., 1241 Reedsdale
PITTSTON—Byrne Jno.
PLYMOUTH—Dymond E. P.
POTTSVILLE—Hoefel Fredrick
READING—Hafer J. D.
Hain Wm. T.
Yeager Wm. B.
RIDGWAY—Cody C. L.
SCOTTDALE—Dick J. I. Co.
SCRANTON—Gunster Bros.
SHARON—Hoffman J. C. & Bro.
Hoffman's P. Son
SOUTH BETHLEHEM—McBride Michl. J.
TITUSVILLE—Hughes E. F.
UNION CITY—Hatch Hardware Co.
WASHINGTON—Hays G. W. & Son
Standard Sheet Metal Mfg. Co. (Structural Iron)
WEST CHESTER—Apple Plumbing & Heating Co.
James Bros.
Palmer George J.
WILKES-BARRE—Allen & Fell
Becker Peter & Son
Carpenter B. G. Co.
YORK—Kidds Alex. Son
York Corrugating Co.

RHODE ISLAND.

CENTRAL FALLS—Plews R. Mfg. Co.
PAWTUCKET—Reetz R. C. Co.
PROVIDENCE—American Cornice Works, 3 Charles
Brunnckow C. G. Co., 223 Globe
Burgess James 254 Prairie av
Clason Architectural Metal Works (Metallic), 428 Kinsley av
Eagle Cornice Co., 312 Blackstone
Hitz Chas.
Hitz Chas.
Lamoureux F. & Co., 39 Friendship
Providence Architectural Metal Works, 237 Dyer
Providence Cornice Co., 311 Canal
Strauss Co., 370 Richmond
Union Cornice Co., 5 Bark
WOONSOCKET—French O. P. & Sons Co.

SOUTH CAROLINA.

AIKEN—Hyer W. C.
CHARLESTON—Arnot A. M.
Charleston Galvanized Iron Cornice & Steel Ceiling Works
Masters R. M.
Shepherd Supply Co.
COLUMBIA—Lorick Bros.
GREENVILLE—Barr L. L.
Cook J. C.
ROCK HILL—Westerlund C. A.
SPARTANBURG—Pickens Roofing & Sheet Metal Co.
UNION—Murrah T. A.

SOUTH DAKOTA.

RAPID CITY—Sweeney Tom Hardware Co.
SIOUX FALLS—Stallman John
YANKTON—Yankton Roofing Co.

TENNESSEE.

BRISTOL—Leslie Sheet Metal Works
CHATTANOOGA—Chattanooga Blow Pipe & Roofing Co.
Chattanooga Iron Works
Chattanooga Roofing & Foundry Co ("Nooga")
McMahan James
Mountain City Stove & Mfg. Co.
Snow Tom, Heating & Roofing Co.
FAYETTEVILLE—Blakemore R. F.
Robertson & Goodrich
HARRIMAN—Edington Bros.
KNOXVILLE—Burton Hardware & Mfg. Co.
Hicks J. C. Sheet Metal Works
Munday J. A. & Son
MEMPHIS—Burdick A. W. & Co.
Capps B. W.
Dush Louis
Eichberg & Lang
Enterprise Roofing Co.
Hendricks & Weatherall
Jones Bros. & Co.
Nohsey & Schwab
Richards L. W.
Schaefer Geo.
Verdel E. F. & Co.
Wessendorf Charles Co.
NASHVILLE—Cammerer H. & Son
Howell Geo. W. Co.
Kadel L. J.
Murray E. T. & Co.
Phillips & Buttorff Mfg. Co.

TEXAS.

AUSTIN—Arlitt Max
CORSICANA—Tatum W. M. Hardware Co.
DALLAS—Huey & Philp Hardware Co.
Payne F. T.
DENISON—Waltz Chris.
EL PASO—Momsen-Dunnegan-Ryan Co.
ENNIS—Blakey-Clark Hardware Co.
Craig E. E. & Co.
FORT WORTH—Attwell Cornice Co.
GAINESVILLE—Bosley L. W.
GALVESTON—Breen Martin
Hoffmann W. A.
Miller W. H.
Werner Geo. P.
HILLSBORO—Smith & Tomlinson Co.
HOUSTON—Eisemann John Ed.
Eiseman G. Chas.
Fothergill Thos. W.
Holtkamp E. E.
Schlom Meyer J.
Shannon Grant S.
MARSHALL—Logan & Whaley
SAN ANTONIO—Jewett Cornice & Roofing Co.
San Antonio Sheet Metal Works
Vodrie Sheet Metal Works
Walsh T. P.
SHERMAN—Roberts, Sanford & Taylor Co.

UTAH.

OGDEN—Crosbie R. L.
Newman & Co.
PROVO—Blumenthal H. G. Co.
SALT LAKE CITY—Bywater & Groo.
Fowler J. P. Mfg. Co.
Mitchell H.
Salt Lake Hardware Co.

VERMONT.

BENNINGTON—Vail F. E.
BURLINGTON—Hathorne A. C. Co.
LYNDONVILLE—Eaton J. C. & Co.
POULTNEY—Horton A. E.
RANDOLPH—Lamson J. H. & Sons

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER

VIRGINIA.

DANVILLE—Piedmont Hdw. Co.
HAMILTON—Myers Nathan
HAMPTON—Copeland J. F.
Williamson & Bridgeforth, C. M.
HARRISONBURG—Saum Jno. R.
LYNCHBURG—Doherty Frank J.
Dornin T. B., Adams Co.
NORFOLK—Bohn Roofing & Cornice Co.
Howard John T. Co.
Odend Hal-Monks Corp.
RICHMOND—Burton Reuben
Hackett R. & Co.
Miller Mfg. Co. (Wood Cornices), 7th & Stockton
ROANOKE—Dominion Metal Products Co.
Possin Theo. & Co.
STAUNTON—Tanner Charles & Co.

WASHINGTON.

BELLINGHAM—Franzke Arthur
BREMERTON—Wetzel E. S.
EVERETT—Karns Jas. F.
Kirsh Frank W.
Willson H. J.
NORTH YAKIMA—Sawbridge Jno.
Wade G. W.
Yakima Hardware Co.
OLYMPIA—Olympia Hardware Co.
PORT ANGELES—Jacobs Edgar A.
PORT TOWNSEND—Norby & With
SEATTLE—American Sheet Metal Works
Cascade Sheet Metal Works
City Cornice Works
Clark T. F. & Co.
Curtiss Wm. M. Co., 5016 20th, N W
Eastlake Sheet Metal & Cornice Works
Edgar & Campbell
Ernst Hardware & Plumbing Co.
Finlay & Robb
Fry J. W., 1021 Pike
Garner J. J.
Globe Sheet Metal Co.
Independent Sheet Metal Co.
Manke B. C. Sheet Metal Works
Miller John K. Co.
Minckler P K.,
Motor Sheet Metal Works
Northwestern Sheet Metal Works
Occidental Sheet Metal Works
Popple & Knowles Co.
Puget Sound Sheet Metal Works
Seattle Cornice Works
Seattle Metal Ceiling Co.
Seattle Sheet Metal Shop
Shaw H. A., Metal Spinning Co.
Tomlin Sheet Metal Works
University Sheet Metal Works
Van Doren Roofing & Cornice Co.
Washington Sheet Metal Works
Weibel G. Roofing & Cornice Works
West Seattle Heating & Sheet Metal Works
Western Engineering Co.
SPOKANE—Allen Lester
Brandt Bros.
Brown Bros.
Burns, H. J.
Evers Geo. C.
Keeler W. P.
Schrimpf Chas. G.
Snyder Harrry M., Roofing Co
Spokane Culvert & Tank Co.
Spokane Furnace Co.
Woodward & Stein
TACOMA—Anderson K. A.
Hirsch I. L.
Holaday & Bailey
Kastner A. & J. B.
Kolb Wm. A.
Miller Edw. Cornice & Roofing Co.
Old Town Sheet Metal Works
Pederson N. P.
Reliable Stamping Co.
Tacoma Sheet Metal Works

WEST VIRGINIA.

BERKELEY SPRINGS—Ambrose C. P. & Bro.
BLUEFIELD—Hefner O. V.
Whitlow M. G. Hardware Co.
CHARLESTON—Easterday Wm. P. & Co.
Charleston Hardware Co.
Goshorn Hardware Co.
Loewenstein & Sons
Shawver W. F. Co.
FAIRMONT—Amos G. E. & Co.
HUNTINGTON—Hagan & Co.
Huntington C. F.
MORGANTOWN—Bailey W. H. & Sons
Morgantown Hardware Co.
PARKERSBURG—Bosbury R. B.
WHEELING—Caldabaugh Bros.
Nesbitt & Bro.
Wheeling Metal & Mfg. Co.

WISCONSIN.

APPLETON—Schlafer Hardware Co.
Teach Wm.
ASHLAND—Garnich Emil & Sons Hardware Co.
BARABOO—Lee Radtke Hardware Co.
BELOIT—Murdock-Dunwiddle Co.
EAU CLAIRE—Hobbs W. H. Supply Co.
EVANSVILLE—Baker Manufacturing Co.
FOND DU LAC—Cheney S. H.
GREEN BAY—Danz H. Jr.
Fox River Cornice Works
Green Bay Cornice & Corrugating Co.
HARTFORD—Esser & Schmidt
JANESVILLE—McNamara Henry L.
Sheldon Hardware Co.
KAUKAUNA—Butler-Dietzler Hdw. Co.
Haas & Hohmann
KENOSHA—English Jno. J.
Jansen T. E.
Schulz H. C.
LA CROSSE—Badger Steel Roofing & Corrugating Co.
Dittman Fred. Hardware Co.
Gass Anthony
La Crosse Steel Roofing & Corrugating Co.
Tausche V. Hardware Co.
MADISON—Trachte Bros. Co.
Wolff, Kubley & Hirsig
MANITOWOC—Rathsack Wm. & Sons
MARINETTE—Westlund August
MILWAUKEE—Biersach & Niedermeyer Co., 220 5th
Consolidated Sheet Metal Works, 661 Hubbard
Eslien Sheet Metal Works, 1001 30th
Furtman Aug. J., 2453 Walnut
Gallun & Weltzien, 845 Kinnickinnic av
Goethel Alex. G., 815 Winnebago
Green D. D., 215 Sixth
Hoffman & Baur, 279 Lake
Jeske R. & Bro. Co., 119 Reservoir av
Klubertanz Bros. Co., 889 23rd
Millen Bros.
Milwaukee Corrugating Co. (Also Copper)
Roesler Herman, 1523 W 24th
Schmidt Arthur F., 419 State
Schumann & Roden, 914 3rd
Tonnsen E. B. Co., 113 Harmon
MONROE—Kundert Bros. Co.
NEENAH—Krueger Wm. Co.
Stroebel J. F.
OSHKOSH—Krippene Hardware Co.
Leach Frank Hardware Co.
Terwedo Mfg. Co.
PORTAGE—Schulze Hardware Co.
RACINE—Dixon John & Son
REEDSBURG—Siefert Aug. Hardware Co.
RICHLAND CENTER—Strang Geo. Hardware Co.
SHEBOYGAN—Geele F. Hardware Co.
SUPERIOR—Arnold Elmer H. Co.
Bingham Hardware Co.
Carlson Bros. Co.
Holmes A. E. & Bro. Co.
Roberts G. W.
WATERTOWN—Kusel D. & F. Co.
Pritzlaff W. G. Co.
WASHBURN—Ungrodt B.

WYOMING.

BUFFALO—Astell Hardware Co.

3241— Cornwall Stone

Chrystal Charles B. (Imp English Ground) 13 Cliff, New York
Golding Sons Co., Wilmington, Del.
See adv index at end of book
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

Corrugated Elbows

See Elbows, Conductor Pipe; also Stove Pipe & Elbow Manufacturers

Corundum Mfrs.

See Emery & Corundum Manufacturers

3242— Costmeters

Costmeter Co. ("Costmeter"), 295 Franklin, Boston, Mass.

3243— Cots (Army, Etc.)

Bent Rung Ladder & Mfg. Co., Indiana, Pa.
Gold Medal Camp Furniture Mfg. Co. (Folding), Racine, Wis.
Gosso Co. 14 E Jackson, Chicago, Ill
Himebaugh Bros., Jamestown, N. Y.
Sun Mfg. Co. (Canvas Cover, Wood & Steel Frame), Columbus, O.

3243a— Cots (Canvas)

HAGGARD & MARCUSSON CO., 1109 W 37th, Chicago, Ill.
See adv index at end of book

3244— Cots (Folding)

Calumet Supply Mfg. Co., 14 E Jackson blvd, Chicago, Ill.
Foster Bros. Mfg. Co. (Iron & Wood Frame), Utica, N. Y.
Haggard & Marcusson Co. ("Tiger" Woven Wire), 1109 W 37th, Chicago, Ill.
See adv index at end of book
Hard Mfg. Co, ("Compact") 117 Tonawanda, Buffalo, N. Y.
Hettrick Mfg. Co., Toledo, O.
Norfolk Mattress Co., Norfolk, Va.
Ohio Spring Bed Co. (Woven Wire), Cleveland, O.
Peoria Auto Kot Co. ("Furstade"), Peoria, Ill.
Premier Spring Bed Co. (Steel), 218 Utah, San Francisco, Cal.
Southern-Rome Co. ("Romelink"), 423 W Pratt, Baltimore, Md.
Sun Mfg. Co., Columbus, O.
Telescope Cot Bed Co. ("Handy" Telescope Cot Bed), 535 E 79th, New York

3245— Cots (Husking)

Boss Mfg. Co., Kewanee, Ill.

3245a— Cots (Iron)

HAGGARD & MARCUSSON CO., 1109 W 37th, Chicago, Ill.
See adv index at end of book

Cotters (Cellar Box)

See Cotters & Keys, Spring

3246—Cotters & Keys (Spring)

See also Keys, Flat Spring & Riveted

American Chain Co. ("Campbell" Self-Spreading Hammer Lock Cotters), Bridgeport, Conn.
American Cotter Pin Co., Park bldg, Pittsburgh, Pa. Works: Elwood City, Pa.
Blake & Johnson Co. (Cotters), 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Brooks M. S. & Sons (Brass or Steel Cotters & Flat Spring or Riveted Keys), Chester, Conn.
Campbell Andrew C. (Inc.), (Self-Spreading Hammer Lock Cotters), Waterbury, Conn.
Cobb & Drew, Plymouth, Mass.
Herschel R. Mfg. Co., Peoria, Ill.
Hindley Mfg. Co. ("Columbia" Steel, Brass & Copper Cotters & Flat Steel Spring & Flat Riveted Keys), Valley Falls, R. I.
Hubbard M. D. Spring Co., Pontiac, Mich.
Jencks E. Mfg. Co. (Iron & Brass Cotters & Flat Spring Keys), Worcester, Mass.
McWhorter Mfg. Co. ("McWhorter," Pointed), Riverton, N. J.
See adv index at end of book
Morgan Spring Co., Worcester, Mass.
National Screw & Tack Co. (Iron & Brass) Cleveland, O.
Ohio Wire Goods Co. ("Efficiency") Akron, Ohio
Parker Wire Goods Co. (Half Round Spring Wire & Brass Cotters), Worcester, Mass.
Pickering R. S. (Brass & Steel Cotters & Steel Flat Spring & Riveted Keys), Sharon Hill, Pa.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Smith F. P. & Co. ("Saco" Steel, Brass & Copper Cotters & Flat Spring), Sharon Hill, Pa.
Whitman & Barnes Mfg. Co. (Brass, Steel & Copper), Akron, O.
See adv index at end of book
Wire Goods Co. (Iron & Brass), Worcester, Mass.

3247— Cotton (Absorbent)

Aseptic Cotton Products Co., Chattanooga, Tenn.
Aseptic Products Co., 237 Borden av, Long Island City, N. Y.
Bauer & Black, 45 W 25th, Chicago, Ill.
Broadbent J. & Son, Unionville, Conn.
Enterprise Garnetting Co., Cohoes, N. Y.
Graves Frank B. Co., Albany, N. Y.
International Cotton Mfg. Co., East Killingly, Conn.
Johnson & Johnson, New Brunswick, N. J.
Lewis Mfg. Co., Walpole, Mass.
Mackintosh D. & Sons Co., Holyoke, Mass.
Maplewood Mills ("Excelsior," "Standard," "Hospital," "Sanitary," "Absorbon"), Fall River, Mass.
Seabury & Johnson, 59 Maiden la, New York
Southern Aseptic Laboratories, Columbia, S. C.
Versailles Sanitary Fibre Mills, Versailles, Conn.

3248— Cotton Batting

Becker Chas. W., Amsterdam, N. Y.
Bowden Bros., Cedar Grove, N. J.
Broadbent J. & Son, Unionville, Conn.
California Cotton Mills Co., Oakland, Cal.
Clute Bros., Cohoes, N. Y.
Hamlet Mills, Otter River, Mass.
Janesville Batting Mills, Janesville, Wis.
LaCrosse Woolen Mills, LaCrosse, Wis.
Lee Wm. M., Athol, Mass.
Little Falls Fibre Co., Little Falls, N. Y.
Lockport Cotton Batting Co., Lockport, N. Y.
Lowenthal W. & Co., Cohoes, N. Y.
Maish Chas. A Co., 1125 Bank, Cincinnati, O.
Missouri Cotton Yarn Mfg. Co., 300 Lynch, St. Louis, Mo.
National Textile Mfg. Co., Cohoes, N. Y.
New York Cotton Batting Co., Lockport, N. Y.
Niagara Cotton Batting Co., Lockport, N. Y.
Page Mfg. Co., Cohoes, N. Y.
Riverside Mills, Augusta, Ga.
Rock River Cotton Co. ("Crown Jewel"), Janesville, Wis.
Sanders, Smith & Co., Charlotte, N. C.
Smith Oscar & Sons Co., 310 Spruce, Phila., Pa.
Standard Textile Co., Glens Falls, N. Y.
Stearns & Foster Co., Lockland, O.
Stockport Fibre Co., Stockport, N. Y.
Troy Waste Mfg. Co., Troy, N. Y.
Tuscaloosa Mills, Tuscaloosa, Ala.
Union Cotton Bagging Corp., Norfolk, Va.
Union Wadding, Pawtucket, R. I.
Westport Mfg. Co., Westport, Mass.
Worley Bros., Mohnton, Pa.

3249— Cotton (Calking)

Bishop Robert Mfg. Co., 157 W 6th, So. Boston, Mass.
Estes Mills ("Star," "No. 2"), Fall River, Mass.
Galbraith C. C. & Son, 49 West, New York
Hooper Wm. E. & Sons Co., Maryland Life bldg, Baltimore, Md.
Massasoit Mfg. Co., Fall River, Mass.
Olmstead & Tuttle Co., Chicopee, Mass.
Richards Fred. J., Springfield, Mass.
Stratford Geo. Oakum Co., Cornelison av, Jersey City, N. J.

3250— Cotton Compresses

Dickson Car Wheel Co., Houston, Tex.
Reading Iron Co., Reading, Pa.
Webb Press Co. (Ltd.), Minden, La.

3251—Cotton Duck & Canvas

Abingdon Mills (Wide & Narrow), Huntsville, Ala.
Alabama Cotton Mills (36 Inch), Speigner, Ala.
Alexander City Cotton Mills (Narrow, Flat Duck), Alexander City, Ala.
Anchor Duck Mills (Wide Duck), Rome, Ga.
Aragon Mills, Aragon, Ga.
Ashcraft Cotton Mills (Dress Ducks), Florence, Ala.
Augusta Factory (27 to 40 Inch), Augusta, Ga.
Barrell Wm. L. Co., 8 Thomas, New York
Boott Mills (High Grade Duck), Lowell, Mass.
Boston Duck Co., Bondsville, Mass.
Boston Woven Hose & Rubber Co. (Hose & Belting Duck for Own Use), Cambridge, Mass.
Brighton Mills (Sail, Tire & Hose Duck, Mechanical Fabrics, etc, of "S I" Eg. & Am. Cotton), Passaic, N. J.
Brookside Mills (Wide & Narrow Duck), Knoxville, Tenn.
California Cotton Mills Co., Oakland, Cal.
Chicopee Mfg. Corp. (Wide & Narrow), Chicopee Falls, Mass.
Cochran Cotton Mill Co. (Wide & Narrow), Cochran, Ga.
Connecticut Mills Co. (Tire Fabrics & Special Duck), Danielson, Conn.
Corsicana Cotton Mills (Narrow & Flat Duck), Corsicana, Texas
COUCH BROS. MFG. CO. (Sail, Wide, Army & Single Filled), Atlanta, Ga.
Crown Cotton Mills (Broad & Narrow), Dalton, Ga.
Dallas Cotton Mills (Narrow Single Filling Duck), Dallas, Texas
Denison Cotton Mill Co. (29 to 72 Inch Duck), Denison, Texas
Dixie Cotton Mills (Wide & Narrow Flat Thread Duck), La Grange, Ga.
Dunson Mills (Wide & Narrow), La Grange, Ga.
Elm City Cotton Mills (Wide), La Grange, Ga.
Enterprise Cotton Mills (Wide & Narrow Flat Duck), Enterprise, Ala.
Falls Co. (Narrow Duck), Norwich, Conn.
Fitchburg Duck Mills (Sail, Army, Number, Belting & Hose Duck & Stitched Belting Duck, etc.), Fitchburg, Mass.
Fitzgerald Cotton Mills (Wide), Fitzgerald, Ga.
Floyd Cotton Mills (Wide & Narrow Flat Duck), Rome, Ga.
Fulton Bag & Cotton Mills (Waterproof & Mildewproof Duck), Atlanta, Ga.
Gary James S. & Son (Heavy Duck), Equitable bldg, Baltimore, Md.
Glen Raven Cotton Mills (Narrow Duck), Burlington, N. C.
Globe Cotton Mills (36, 40 and 52 inch), Augusta, Ga.
Gonzales Cotton Mill Co. (36 Inch Duck), Gonzales, Texas
Gordan Supply Co. (Wide & Narrow), 537 Albany, Boston, Mass
Grimond J. & A. D. (Ltd.) (H. N. Gildea, Agent) (Flax, Jute & Hemp Tarpaulin Canvas), 320 B'way, New York
Hall, Lincoln & Co. (Heavy Duck), 154 Milk, Boston, Mass.
Handley W. A. Mfg. Co. (Wide), Roanoke, Ala.
Hettrick Mfg. Co. (Sheetings & Awning Stripes), Toledo, O.
Hillsboro Cotton Mills (6 to 12 oz. Duck, 29 to 44 Inches Wide), Hillsboro, Texas
Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
Holt, Gant & Holt Cotton Mfg. Co. (Colored Duck for Workingmen's Clothes), Elon College, N. C.
Hooper Wm. E. & Sons Co., Maryland Life bldg, Baltimore, Md.
Itasca Cotton Mfg. Co. (36 Inch Dress Duck), Itasca, Texas
Lane J. H. & Co. (Jobbers), 334 4th av, New York
Lanett Cotton Mills (Wide & Narrow), West Point, Ga.
Lawrence Duck Co., Lawrence, Mass.
Lincoln Cotton Mills Co. (Wide & Narrow Light Duck), Evansville, Ind.
Manchester Cotton Mills (Wide & Narrow Light Duck), Manchester, Ga.
Meritas Mills (Wide), 320 B'way, New York
Milstead Mfg. Co. (Wide Heavy Duck), Milstead, Ga.
Montgomery Cotton Mills (Wide Duck), Montgomery, Ala.
Monticello Cotton Mills (Wide & Narrow Twisted & Single Filling Duck), Monticello, Ark.
Morris & Co. (Wide & Narrow), Groveville, N. J.
Mt. Vernon Woodberry Mills (All Kinds, "Woodbury Extra"), Cont. bldg, Baltimore, Md.
New York Mills Corp. (Wide & Narrow Duck), New York Mills, N. Y.
Palmetto Cotton Mills (Wide & Narrow Single Filled Duck), Palmetto, Ga.
Passaic Cotton Mills (Up to 72 Inches, Tire & Hose Fabrics), 120 B'way, New York

Pelham Mfg. Co. (7 to 14 oz, 29 to 42 Inches Wide), Pelham, Ga.
Piedmont Cotton Mills (Wide), Egan, Ga.
Putnam Mills & Power Co. (Flat & Twisted Broad Ducks), Eatonton, Ga.
Rhodes Mfg. Co. (Wide Duck), Lincolnton, N. C.
Riverdale Cotton Mills (Wide & Narrow), West Point, Ga.
Royal Mills (Duck Bagging), Charleston, S. C.
Sanders Cotton Mills (Narrow), Tuscaloosa, Ala.
Savage Mfg. Co. (Wide & Narrow), Savage, Md.
Sherman Mfg. Co. (7 to 15 oz, Single Filling High Grade Duck), Sherman, Texas
Sibley Mfg. Co. (Wide & Narrow), Augusta, Ga.
Smith D. B. Sons Co., Pine Meadow, Conn.
STANLEY WM. W. (Waterproof Canvas of all kinds), 50 Church, New York
Stonewall Cotton Mills (32 & 36 Inch), Stonewall, Miss.
Summerville Cotton Mills Co. (Wide & Narrow Duck, 8 to 14 oz), Summerville, Ga.
Sylvan Cotton Mills (Wide & Narrow), Shelbyville, Tenn.
Tallassee Falls Mfg. Co., Tallassee, Ala.
Thistle Mills (Wide & Narrow Duck), Ilchester, Md.
Thomaston Cotton Mills (Wide & Narrow Flat Duck, 4 to 8 oz), Thomaston, Ga.
Thorndike Co. (Awning Stripes, etc), Thorndike, Mass.
Turner J., Spencer Co. (Sales Agents Consol Cotton Duck Co.), 86 Worth, New York
Unity Cotton Mills (Wide & Narrow Heavy Duck; also Belting, Hose, Sail Cloth & Packing Duck), La Grange, Ga.
Virginia Consolidated Milling Co. (Wide & Narrow Duck), Petersburg, Va.
Warren Mfg. Co. (Numbered, Press, Belting & Double Filling Duck, 12 to 46 inch, Different Weights), Warren, Md.
Watts Mfg. Co. (Wide Duck), Liledoun, N. C.
Waxahachie Cotton Mills (Wide & Narrow Flat Duck), Waxahachie, Texas
Wellington, Sears & Co. (Jobbers, Ducks for Belting, Hose, Sails, Harvesters, etc; also Awning Stripes, Canvas for Wagon Tops, etc, & Bunting), 93 Franklin, Boston, Mass.
West Point Mfg. Co. (Wide & Narrow Hose & Belting Duck), Westpoint, Ga.
Willingham Cotton Mills (Wide Numbered, Hose, Belting & Sail Duck), Macon, Ga.

Cotton Gins

See Cotton Ginning Machinery

3252— Cotton (Jewelers')

Estes Mills, Fall River, Mass.
Lewis Mfg. Co., Walpole, Mass.
Maplewood Mills, Fall River, Mass.

3253— Cotton (Soluble)

Anderson Chemical Co., Wallington, N. J.
Celluloid Zapon Co., 200 5th av, New York
Chemical Products Co. (Non-Explosive; also Solutions & Films), 93 Broad, Boston, Mass.
Cooper Chas. & Co., 194 Worth, New York
Du Pont Chemical Works (Pyroxylin or Nitrocellulose), 120 B'way, New York
Erkenbrach Geo. A. Co., 115 Maiden la, New York
Maas & Waldstein Co., 92 William, New York

3254—Cotton (Spun Calking)

Bishop Robt. Mfg. Co., 157 W 6th, South Boston, Mass.

3255— Cottonades

Brown's G. Sons, Mount Joy, Pa.
Carhartt Hamilton Cotton Mills, Rock Hill, S. C.
Eagle & Phenix Mills, Columbus, Ga.
Falls Co., Norwich, Conn.
Griffin Mfg. Co., Griffin, Ga.
Hamburger Cotton Mills, Columbus, Ga.
Jones H. C. Co., Conshohocken, Pa.
Thorndike Co., Thorndike, Mass.
White-Williamson Co., Graham, N. C.
Whittenton Mfg. Co., Taunton, Mass.

3256—Couch Leg Attachments

Weber-Knapp Co., Jamestown, N. Y.

3257— Couches (Steel)

Newark Spring Mattress Co., 84 Madison, Newark, N. J.
Ohio Spring Bed Co. (Sanitary Wire), Cleveland, O.
Simmons Co (Sanitary), Kenosha, Wis.

3258— Coumarin

Monsanto Chemical Works, St. Louis, Mo.

3259—*Counter Balance Stairs (New, Only One in World)

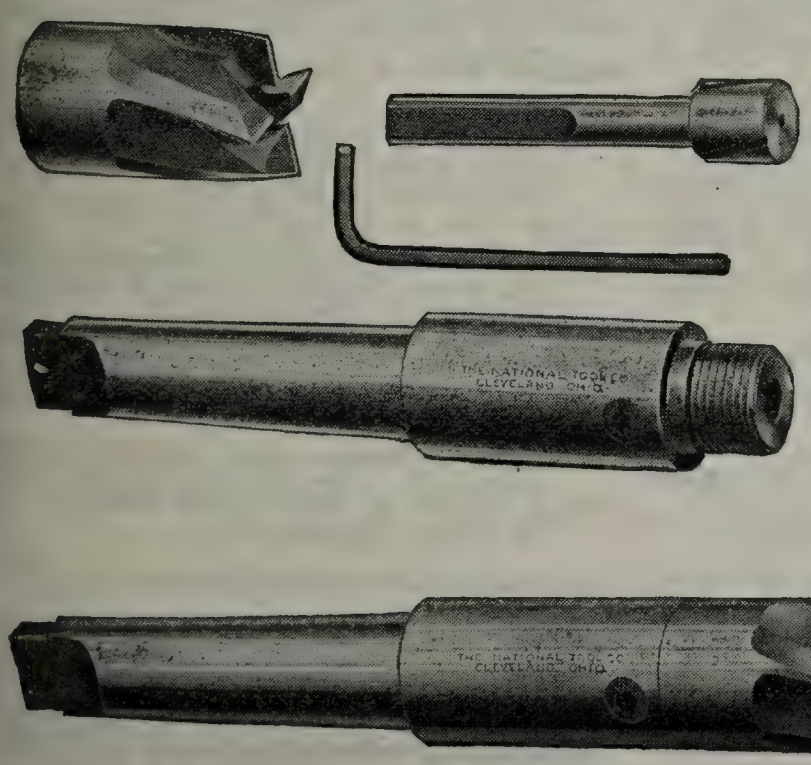
HANKE IRON & WIRE WORKS, 800 No. Albany av, Chicago, Ill.
See adv index at end of book

3260— Counterbores

Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Clough R. M. (For Round Head Cap Screws, etc), Tolland, Conn.
Detroit Twist Drill Co., 555 Fort, Detroit, Mich. *See adv index at end of book*
Kendrick-Davis Co. ("K.-D." Jewelers), Lebanon, N. H.
Morse Twist Drill & Machine Co. (Solid, Adjustable & Interchangeable Blades & Guides), New Bedford, Mass.
National Tool Co. ("National-Cleveland"), Cleveland, O.
See adv index at end of book
National Twist Drill & Tool Co. ("National," Solid), Detroit, Mich.
Standard Tool Co., 6900 Central av, Cleveland, O.

3261—Counters (Boot & Shoe)

Appleton Counter Co., Haverhill, Mass.
Archibald F. Co., Haverhill, Mass.
Bennett Wm. H. Co., Lynn, Mass.
Bicknell Geo. H. Co., Weymouth, Mass.
Bodwell Counter Co., Haverhill, Mass.
Brockton Heel Co., Brockton, Mass.
Cadwallader, Dougherty & Co., 113 N 3rd, Phila., Pa.
Chapman Tap & Counter Co., Haverhill, Mass.
Columbia Counter Co., 349 Congress, Boston, Mass.
Doyle & Downey, Newburyport, Mass.
Durkee Counter Co., Haverhill, Mass.
Durland Counter Co., Lynn, Mass.
Eagle Counter & Leather Co., 416 E 8th, Cincinnati, O.
Eagleton Bros., Lynn, Mass.
Filoon V. & F. W. Co., Brockton, Mass.
Gardiner, Beardsell & Co., 50 Lincoln, Boston, Mass.
Globe Counter Co., Haverhill, Mass.
Goddard F. A. & Co., Lynn, Mass.
Hanover Heel & Innersole Co., Hanover, Pa.
Hanscom Frank W., Haverhill, Mass.
Harris-Wheaton Co., 157 Pearl, Boston, Mass.
Harwood Counter Co., Lynn, Mass.
Hickey Michael J. & Co., Haverhill, Mass.
Hopkins R. C., Lynn, Mass.
Hudson Counter Co., Hudson, Mass.
Johnson Chas. H., Lynn, Mass.
Johnson T. C. & Sons, Lynn, Mass.
King Counter Co., Salem, Mass.
Lacroix W. & E. W., Lynn, Mass.
London Geo. G. Mfg. Co., Lynn, Mass.
Lovett Solon, Beverly, Mass.
Lyons Counter Co., Lynn, Mass.
McManus C. H. & Co., Lynn, Mass.
McNamara L. F. Co., Haverhill, Mass.
Milwaukee Counter Co., 246 Pearson, Milwaukee, Wis.
Morton & Son Co., Rochester, N. Y.
Mosser J. K. Co., Williamsport, Pa.
Mousam Counter Co., 121 Beach, Boston, Mass.
Mower Earl A., Lynn, Mass.
Munsey Shank & Counter Co., Lynn, Mass.
National Fibre Board Co., 121 Beach, Boston, Mass.



NATIONAL-CLEVELAND INTERCHANGEABLE COUNTERBORES

prove how easily and with what advantage thrift may be practiced in the small tool field.

The National Patent Counterbore is made in three parts—only the cutter (one-quarter of the whole tool) being of high-speed steel. The shank and pilot are made of more durable and less expensive steel—a clear saving of 75 per cent of tungsten on the initial investment.

Full description in Bulletin

THE NATIONAL TOOL COMPANY

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COUNTERS (BOOT & SHOE)—continued

New England Counter Co., Nashua, N. H.
Newburyport Counter Co., Newburyport, Mass.
Pierce C. S. Co., Brockton, Mass.
Puritan Counter Co., Brockton, Mass.
Rogers Fibre Co. (Mousam Counter Co.) ("Horn Fibre" Fibre), 121 Beacon, Boston, Mass.
See adv index at end of book
Smith P. J. Co., Salem, Mass.
Spaulding J. & Sons Co., P. O. Box 52, Tonawanda, N. Y.
See adv index at end of book
Standard Heel & Counter Co., 1026 N 11th, St. Louis, Mo.
Sumner A. B. & Son, Lynn, Mass.
Sumner Counter Co., Haverhill, Mass.
Tasker Geo. F., Haverhill, Mass.
Vaughn J. T., Haverhill, Mass.
Wilder & Co., 228 W Lake, Chicago, Ill.
Worcester Counter Co., Worcester, Mass.
Young & Sampson, Lynn, Mass.

3262— *Counters (Can)

SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

3262a—Counters (Chart Room Revolution)

McNAB CO. ("McNab"), Bridgeport, Conn.
See adv index at end of book

3263—*Counters (Combination Counter & Watch)

SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

3264—Counters (Engine Revolution)

McNAB CO. ("McNab"), Bridgeport, Conn.
See adv index at end of book

3265—*Counters for Paper Machines

SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

3266—*Counters for Reciprocating Motion (Square Case & Round Case)

SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

3267—*Counters (Mechanical)

PLUMB D. S., 73-77 Norfolk nr Central av, Newark, N. J.
See adv index at end of book

3268— Counters (Pole)

Benton Mfg. Co., 9 Bethune, New York
Durant Mfg. Co., Milwaukee, Wis.
International Register Co., 15 Throop, Chicago, Ill.
New York Standard Watch Works, 403 Communipaw av, Jersey City, N. J.
SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book
Veeder Mfg. Co, Sargeant & Garden, Hartford, Conn.

3269—*Counters (Recording)

See also Indicators, Speed

SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

3270—Counters (Revolution)

See also Indicators, Speed

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
Belden Mfg. Co. (For Magnet Winding Machines), 2316 S Western av, Chicago, Ill.
BRISTOL CO. ("Bristol"), Waterbury, Conn. *See adv index at end of book*
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
Cummings Ship Instrument Works ("Cummings" Averaging), 110 High, Boston Mass.
Durant Mfg. Co. ("Durant" "Productimeter"), Milwaukee, Wis.
Durbrow & Hearne Mfg. Co. (For Printing Presses, etc), 12 Wooster, New York
McNAB CO. ("McNab" Pneumatic), Bridgeport, Conn.
See adv index at end of book
Mossberg Frank Co. (For Looms, etc), Attleboro, Mass.
Richardson Scale Co. ("Richardson" Reciprocating), Passaic, N. J.
Root Chas. J. Co. ("Bristol," "Elm City" & "Roco"), Bristol, Conn.
SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book
Star Brass Mfg. Co. ("Star" Round Case), 108 E Dedham, Boston, Mass.
Veeder Mfg. Co. ("Veeder"), Hartford, Conn.
Zaubitz August ("Zaubitz"), 95 Cliff, New York

3271-2—*Counters (Short Stroke for Pumps)

SCHAEFFER & BUDENBERG MFG. CO. Berry & So 5th, Brooklyn, N. Y.
See adv index at end of book

Counters (Store)

See Store & Bar Fixtures

3273— Countershafts

Almond T. R. Mfg. Co. ("Almond" Right Angle Quarter Turn), Ashburnham, Mass.
American Tool & Machine Co., 10 High Boston, Mass.
Baird Machine Co., Bridgeport, Conn.
Bardons & Oliver (Double Friction), Cleveland, O.
Brown & Sharpe Mfg. Co., Providence, R.I.
Builders Iron Foundry ("Builders Pull"), 9 Codding, Providence, R. I.
Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
Clizbe Bros. Mfg. Co., Plymouth, Ind.
Cresson-Morris Co., Allegheny & 18th, Phila, Pa.
Diamond Machine Co. ("Diamond," "Standard," "Builders Pull"), Providence, R. I.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Elgin Tool Works ("Elgin" for Precision Tools), Elgin, Ill.
Frederick Machine Works (Rope Pull), Norwalk, O.
Garvin Machine Co., 147 Varick, New York
GEM MFG. CO., Goebel, nr Fulton N S, Pittsburgh, Pa.
See adv index at end of book
Goodell-Pratt Co. (For Small Machinery), Greenfield, Mass.
Hannifin Mfg. Co. ("Hannifin," Roller Bearing Actuated Double Friction), 621 S Kolmar av, Chicago, Ill.
Hanson Clutch & Machinery Co., Tiffin, O.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Lane Mfg. Co., Montpelier, Vt.
Le Blond R. K. Machine Tool Co., Cincinnati, O.
Lodge & Shipley Machine Tool Co., Cincinnati, O.
Mafreto Machine & Tool Co., Worcester, Mass.
Mossberg Wrench Co. ("Sim-Pull" & "Sim-Plex"), Central Falls, R. I.
North Wales Machine Co., North Wales, Pa.
Norton Co., Worcester, Mass.
Oesterlein Machine Co. (Friction Clutch), Cincinnati, O.
Phoenix Mfg. Co., Hartford, Conn.
Quint A. D., Hartford, Conn.
Reeves Pulley Co., Columbus, Ind.
Sterling Blower Co. ("Sterling"), Hartford, Conn.
Sterling Grinding Wheel Co., Tiffin, O.
Stow Mfg. Co., Binghamton, N. Y.
STURTEVANT B. F. CO. ("Sturtevant" For Fans), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
Universal Winding Co. ("Leesona"), Boston, Mass.
Wilmarth & Morman Co. ("Wilmarth" Friction), 1151 Monroe av, N W, Grand Rapids, Mich.
Wood's T. B. Sons Co., Chambersburg, Pa.

3274—Countershafts (Bench Lathe)

Hardinge Bros., 4203 Ravenswood av, Chicago, Ill.
Moseley Lathe Co., Elgin, Ill.
Rivett Lathe & Grinder Co., 2 Brooks, Brighton, Boston, Mass.
STARK TOOL CO., Waltham, Mass.
See adv index at end of book
Wade Walter H., 311 Atlantic av, Boston, Mass.

3275—Countershafts (Variable Speed)

Cushman Electric Co. ("Cushman" Motor Driven), Concord, N. H.
Evans Friction Cone Co., Newton Center, Mass.
Goodman Mach. & Tool Co., 50 Church, New York
Holmes E. & B. Machinery Co., Buffalo, N. Y.
Nordyke & Marmon Co., 1290 Ky. av, Indianapolis, Ind.

3276— Countersinks

Bagshaw & Field (Rose, Flat & Small head), 445 N 5th, Phila., Pa.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Buck Bros. (Flat, Rose & Snail), Millbury, Mass.
Buffum Tool Co. ("Swastika," Flat & for Iron), South Side, Louisiana, Mo.
Butterfield & Co., Derby Line, Vt.
Clark Equipt. Co. ("Celfor"), Buchanan, Mich.
Cincinnati Tool Co. ("Hargrave's Adjustable"), Norwood, Cincinnati, O.
See adv index at end of book
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Detroit Twist Drill Co. (Bit Stock), 555 Fort, Detroit, Mich.
See adv index at end of book
Deuse J. S. (Wood & Iron), Chester, Conn.
Forest City Bit & Tool Co., Rockford, Ill.
Goodell-Pratt Co., Greenfield, Mass.
GREENFIELD TAP & DIE CORPN. ("G. T. D." for Bit Brace & Machine Use), Greenfield, Mass.
See adv index at end of book
Jenning C. E. & Co., 71 Murray, New York
Kilborn & Bishop Co., New Haven, Conn.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Mayhew H. H. Co., Shelburne Falls, Mass.
Morse Twist Drill & Machine Co. (Bit Stock & Combined Drills & Countersinks), New Bedford, Mass.
Polk A. J. & Son (For Drilling Machines, etc), Millersburg, Pa.
Pugh Job T., 31st & Ludlow, Phila., Pa.
Robinson M. W. Co. ("Smith's" Patent Adjustable for Wood Workers), 203 37th, Brooklyn, N. Y.
S. & I. Co., Springfield, Mass.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Smith Otis A. (For Wood Workers), Rockfall, Conn.
Snell Mfg. Co., Fiskdale, Mass.
Standard Tool Co., 6900 Central av, Cleveland, O.
Stanley Rule & Level Co., New Britain, Conn.
Star Bit & Tool Co., Rockford, Ill.
STARRETT L. S. CO. (The), (Double Lip, etc.), Athol, Mass.
See adv index at end of book
Stortz John & Son, 210 Vine, Phila., Pa.
Swan Jas. Co., Seymour, Conn.
Syracuse Twist Drill Co. ("Syracuse" Flat, Bit Stock, Clarks, Wood & Machine), Borden av, Syracuse, N. Y.
Tuck Mfg. Co. (Rose, Flat), Brockton, Mass.
Vaughan & Bushnell Mfg. Co. ("V & B," Cast Steel), 2114 Carroll av, Chicago, Ill.
Whitman & Barnes Mfg. Co. (Bit Stock), Akron, O. *See adv index at end of book*
Wood Morris & Son (Loose Center), 5108 W Lake, Chicago, Ill.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER

3277—Countersinks & Center Drills Combined

Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Detroit Twist Drill Co., 555 Fort, Detroit, Mich. *See adv index at end of book*
Morse Twist Drill & Machine Co., New Bedford, Mass.
National Twist Drill & Tool Co., Detroit, Mich.
Slocomb J. T. Co., 35 Oxford, Providence, R. I.
Standard Tool Co., 6900 Central av, Cleveland, O.
Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y
Union Twist Drill Co., Athol, Mass.

3278— Couplers (Car)

American Steel Foundries ("Simplex"), McCormick bldg, Chicago, Ill.
Buckeye Steel Castings Co. (Cast Steel), Columbus, O.
Gould Coupler Co. ("Gould"), 30 E 42nd, New York
Jewett Car Co., Newark, O.
McConway & Torley Co. ("Janney X," "Janney," "Penn," "Nemo," & "Pitt," Made from Open Hearth Cast Steel), 48th & A. V. R. R., Pittsburgh, Pa.
Michigan Malleable Iron Co., Delray, Detroit, Mich.
Monarch Steel Castings Co. ("Monarch," Solid "Detroit" Couplers & Coupler Attachments), Detroit, Mich.
National Car Coupler Co. ("Hinson," "National" Freight, Passenger & Industrial Cars), 332 S Michigan av, Chicago, Ill.
National Malleable Castings Co. ("Tower," "Climax," "Sharon," "Latrobe," "Munton," "Melrose," "Chicago"), Cleveland, O.
Ohio Brass Co. ("Tomlinson"), Mansfield, Ohio
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Sanford-Day Iron Works (Cushion), Knoxville, Tenn.
Scullin Steel Co. ("Durbin" Safety), 6700 Manchester av, St. Louis, Mo.
Standard Coupler Co. ("Standard"), 30 Church, New York
Stark Car Coupler Corp. ("Stark" Automatic), Strasburg, Va.
Van Dorn Coupler Co. (Automatic), 2325 S Paulina, Chicago, Ill.

3279-80— Couplers (Dog)

Niagara Falls Metal Stamping Works ("Premax Special"), Niagara Falls, N. Y.

3281—Couplers (Shaft, Wagon, Etc.)

See also Anti-Rattlers, Steel

Bradley C. C. & Son ("Bradley Carriage"), Syracuse, N. Y.
Cleveland Hardware Co., Cleveland, O.
Columbus Bolt Works Co., Columbus, O.
Cowles C. & Co., New Haven, Conn.
Eccles, Richards Co. (Drop Forged, Ball Bearing), Auburn, N. Y.
Evans & Coppins Co., Princeton, Ill.
Fernald Mfg. Co. ("Spitzli," "Empire," "Handy"), North End, Pa.
Keystone Forging Co. (Drop Forged), Northumberland, Pa.
Mulholland Co., Dunkirk, N. Y.
Queen City Forging Co., Tennyson & Dumont, Columbia, Cincinnati, O.
Seward M. & Son Co., New Haven, Conn.
Smith H. D. & Co., Plantsville, Conn.
Union Forging Co. (Straight Bar), Union, N. Y.
Upson Nut Co., Cleveland, O.

3282—Couplers (Steam & Air Hose)

See also Couplings, Hose

Claflin C. A. Co. ("Sure-Hold" Adjustable Clamp), 161 High, Boston, Mass.
Consolidated Car Heating Co. ("Sewell"), Albany, N. Y.
Manitowoc Ship Building Co. ("Gunnell," Automatic), Manitowoc, Wis.
Powell Wm. Co., Cincinnati, O.
Railway Utility Co. ("Utility" High Pressure), 721 Fulton, Chicago, Ill.
Rauch Mfg. Co. ("Eureka," "Reliable"), Galena, Kan.
Westinghouse Automatic Air & Steam Coupler Co., Security bldg, St. Louis Mo.

Couplings (Air Hose)

See Pneumatic Hose Couplings; also Couplers, Steam Hose

3283—Couplings (Bell Cord)

See also Bell Cords & Couplers

Creamer W. G. & Co., 96 John, New York
Dayton Mfg. Co., Dayton, O.
Handlan-Buck Mfg. Co. ("Shelby"), 210-14 N 3rd, St. Louis, Mo.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

3284— Couplings (Belt)

Greene, Tweed & Co. ("Moran's" Round), 109 Duane, New York
Manufacturers' Belt Hook Co. ("L-X" Round), 1321 W. Congress, Chicago, Ill.
Mossberg Frank Co. (For Motor Cycles), Attleboro, Mass.
QUADRIGA MFG. & SPECIALTY CO. ("Quadriga" Round Belt), 213 W Grand av, Chicago, Ill.
See adv index at end of book

3285-6—Couplings (Boiler & Water Back)

Atkinson Co., Rochester, N. Y.
Blake Specialty Co., Rock Island, Ill.
Burlington Brass Works, Burlington, Wis.
Campbell J. B. Brass Works, Erie, Pa.
Central Brass Mfg. Co. ("Central"), 6206 Cedar, Cleveland, O.
Exeter Brass Works, Exeter, N. H.
Glauber Brass Mfg. Co., 49th & Superior av, N E, Cleveland, O.
Grabler Mfg. Co. (With Union), Cleveland, Ohio
Haines, Jones & Cadbury Co., 1136 Ridge, Phila., Pa.
Hamilton Jno. Brass Works ("Kitson"), Bridgeport, Conn.
Hays Mfg. Co., Erie, Pa.
Hoffmann & Billings Mfg. Co., 100 2d, Milwaukee, Wis.
Kelly & Jones Co. (Malleable Iron, etc), 135 Water, Pittsburgh, Pa.
Kitson Hydro Carbon Heating & Incandescent Lighting Co., 2819 Oakford, Phila., Pa.
Lawler Regulator Co. ("Lawler's" Protector), 55 W Houston, New York
McDonald A. Y. Mfg. Co., Dubuque, Iowa
Mueller H. Mfg. Co., Decatur, Ill.
Murdock Mfg. & Supply Co., 426 Plum, Cincinnati, O.
Peck Bros. & Co., New Haven, Conn.
Rundle Mfg. Co., 27th & Wahl, Milwaukee, Wis.
Savill's Thos. Sons, 1310 Wallace, Phila., Pa.
Stebbins E. Mfg. Co. Springfield, Mass.
Trenton Brass & Machine Co. ("Trenton," "Paragon" Inside Screw, Short Tapered, Tapered "Magee" & "New York", Patterns), Trenton, N. J.
Union Metal Works, Chelsea, Mass.
Wolff L. Mfg. Co., 111 No Dearborn, Chicago, Ill.

3287— Couplings (Clamp)

American Tool & Machine Co., 10 High, Boston, Mass.
Bond Foundry & Machine Co., Manheim, Pa.
Brown A. & F. Co., 79 Barclay, New York.
Cresson-Morris Co. (Internal, etc), 18th & Allegheny av, Phila., Pa.
DODGE SALES & ENGINEERING CO. ("The Grim Death," Keyless, Ribbed), Mishawaka, Ind.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Morse A. J. & Son (Inc.), 221 High, Boston, Mass.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Valley Iron Works, Williamsport, Pa.
Walker Mfg. Co., Denver, Colo.
Wolf Co., Chambersburg, Pa.

3288— Couplings (Closet)

American Brass & Copper Co. (Also Closet Repairs), 138 Lafayette, New York
Hydraulic Specialty Co. ("Universal"), 427 Walnut, Phila., Pa.
Park & McKay, 55 Bagley av, Detroit, Mich.
Republic Rubber Co., Youngstown, O.
Salem Brass & Iron Mfg. Co. (Rubber), Salem, N. J.
Trenton Brass & Machine Co., Trenton, N. J.

3289— Couplings (Clutch)

American Tool & Machine Co., 10 High, Boston, Mass.
Bond Foundry & Machine Co., Manheim, Pa.
Brown A. & F. Co., 79 Barclay, New York
Buhl Malleable Co., Detroit, Mich.
Chain Belt Co. (Spiral, Square, etc), Milwaukee, Wis.
Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
DODGE SALES & ENGINEERING CO. (Solid & Split), Mishawaka, Ind.
Erie Clutch & Pulley Co., Erie, Pa.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Falls Clutch & Machinery Co., Cuyahoga Falls, O.
Golden's Fdry & Machine Co., Columbus, Ga.
Hanson Clutch & Machinery Co., Tiffin, O.
HILL CLUTCH CO., 1000 W 58th, Cleveland, O.
Hilliard Clutch & Machinery Co. (Cut-off), Elmira, N. Y.
Huntsville Foundry & Machine Co. (Nolan & Jones, Props.), Huntsville, Ala.
JEFFREY MFG. CO., 961 N 4th, Columbus, O.
See adv index at end of book
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R. Ry., Phila., Pa.
See adv index at end of book
List E. J. Mfg. Co., Havana, Ill.
Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
Mobile Pulley & Machine Co., Mobile, Ala.
Morse A. J. & Son Inc., 221 High, Boston, Mass.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Thomas Coupling Co. ("Empire"), Erie, Pa.
Webster Mfg. Co., Tiffin, O.
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co., Chambersburg, Pa.

3290—Couplings (Compression)

American Tool & Machine Co., 10 High, Boston, Mass.
Atlanta Mfg. & Supply Co., Atlanta, Ga.
Bond Foundry & Machine Co. ("Spiro"), Manheim, Pa.
Brown A. & F. Co., 79 Barclay, New York Works: Elizabethport, N. J.
Chain Belt Co. ("C. B. Co."), Milwaukee, Wis.
Commonwealth Brass Works, Detroit, Mich.
Dole Valve Co. (Double Compression), 208 N Wells, Chicago, Ill.
Erie Clutch & Pulley Co., Erie, Pa.
Golden's Fdry & Machine Co., Columbus, Ga.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Hunter James Machine Co., N Adams, Mass.
Imperial Brass Mfg. Co. ("Imperial" Brass), 524 S Racine av, Chicago, Ill.
See adv index at end of book
JEFFREY MFG. CO., 961 N 4th, Columbus, O.
See adv index at end of book
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
Jones & Laughlin Steel Co. ("Collins"), Ross, Pittsburgh, Pa.
LINK-BELT CO., 39th & Stewart av,, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
McRAE & ROBERTS CO., 227 Campbell bell av, Detroit, Mich.
See adv index at end of book

COUPLINGS (COMPRESSION)—cont'd

Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.
Mobile Pulley & Machine Co., Mobile, Ala.
NICHOLSON W. H. & CO. (Shaft), Wilkes-Barre, Pa.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Plamondon A. Mfg. Co., 12 N Clinton, Chicago, Ill.
Poole Engineering & Mach. Co., Woodberry Station, Baltimore, Md.
Royersford Foundry & Machine Co., Royersford, Pa.
Shaw Coupling Co., Syracuse, N. Y.
Stuart R. J. & T. H. (Wedge), New Hamburg, N. Y.
Valley Iron Works ("Hendershot"), Williamsport, Pa.
Webster Mfg. Co., Tiffin, O.
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co. (Double Cone, etc), Chambersburg, Pa.

3291— Couplings (Conduit)

American Conduit Mfg. Co., Keystone bldg, Pittsburgh, Pa.
Appleton Electric Co. (No Thread), 230 N Jefferson, Chicago, Ill.
Bonnell W. A. Co., 132 Church, New York
Burns Jas. F., 713 Cherry, Phila., Pa.
Central Tube Co., Pittsburgh, Pa.
Condit Electrical Mfg. Co. ("Chase" Nipple; Sole Selling Agents for Chase-Shawmut Co.), 1st & L, Boston, Mass.
Enameled Metals Co., 61 Prince, Pittsburgh, Pa.
Fairmount Elec. & Mfg. Co. ("Bendhicks"), 59th & Woodland av, Phila., Pa.
Gillette-Vibber Co. ("G. V. Universal"), New London, Conn.
Grabler Mfg. Co. (Fixture Studs), Cleveland, O.
McCabe Charles A. (Threadless), Wilkes-Barre, Pa.
National Metal Molding Co., Fulton bldg, Pittsburgh, Pa.
Safety Armorite Conduit Co., West, Pittsburgh, Pa.
Sprague Electric Works, 527 W 34th, New York
Steel City Electric Co. ("Marchand" Flexible Steel), 1207 Columbus av, Pittsburgh, Pa.
Thomas & Betts Co. ("Erickson"), 63 Vesey, New York

Couplings (Conduit Rod)

See Rods, Conduit Wiring & Cleaning

3292-3—Couplings (Cut-Off)

ALLIS-CHALMERS MFG. CO. ("A. C." Friction Clutch), Milwaukee, Wis.
See adv index at end of book
American Tool & Machine Co., 10 High, Boston, Mass.
Atlanta Mfg. & Supply Co., Atlanta, Ga.
Brown A. & F. Co., 79 Barclay, New York.
Brown Clutch Co. ("Brown"), Sandusky, Ohio
Brown Engineering Co. ("Mule-Pull" Friction), 110 N 3rd, Reading, Pa.
See adv index at end of book
Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
Carruthers & Fithian Clutch Co., Grove City, Pa.
Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
Eastern Machinery Co., New Haven, Conn.
Edgemont Machine Co., Dayton, O.
Erie Clutch & Pulley Co., Erie, Pa.
Falls Clutch & Machy. Co., Cuyahoga Falls, O.
Hason Clutch & Machinery Co., Tiffin, O.
Hess-Snyder Co., Massillon, O.
HILL CLUTCH CO., 1000 W 58th, Cleveland, O.
Hilliard Clutch & Machy. Co., Elmira, N. Y.
JEFFREY MFG. CO., 961 N 4th, Columbus, O.
See adv index at end of book
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry., Phila., Pa.
See adv index at end of book
Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.
Mobile Pulley & Machine Co., Mobile, Ala.
Morse A. J. & Son, Inc., 221 High, Boston, Mass.
Nordyke & Marmon Co., 1290 Ky. av, Indianapolis, Ind.
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Pittsburgh Valve, Foundry & Construction Co., 26th & A V R R, Pitsburgh, Pa.
Poole Engineering & Machine Co., Woodbury Station, Baltimore, Md.
Webster Mfg. Co., Tiffin, O.
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co., Chambersburg, Pa.

3296— Couplings (Flexible)

Atlanta Mfg. & Supply Co., Atlanta, Ga.
BOND CHAS. CO. ("Grundy" Insulated), 617 Arch, Phila., Pa.
Brown A. & F. Co., 79 Barclay, New York.
Bruce-Macbeth Engine Co., Cleveland, O.
Clark Flexible Coupling Co., 27 Walker, New York
Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
Dexter I. H. Co., 27 Walker, New York
Dodge Sales & Engineering Co., Mishawaka, Ind.
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O.
See adv index at end of book
Fawcers Machine Co., 1st Nat'l Bank bldg., Pittsburgh, Pa.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
Minster Machine Co., Minster, O.
Moore & White Co., N 15th & Lehigh av, Phila., Pa.
O. K. Clutch & Machy. Co., Columbus, Pa.
Poole Engineering & Machine Co., Woodbury Station, Baltimore, Md.
Thomas Coupling Co. ("Empire"), Erie, Pa.
Walker Mfg. Co. (Patent Balanced), Denver, Colo.
Webster Mfg. Co., Tiffin, O.
Wellman-Seaver-Morgan Co., Cleveland, O.
WESTLUND C. G. CO. ("Star Safety," "Westlund Split"), 498 Millbury, Worcester, Mass.
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co. ("Universal Giant" Friction Clutch), Chambersburg, Pa.

3294—Couplings (Expansion)

Elkhart Brass Mfg. Co. (Expansion Ring), Elkhart, Ind.
Howell F. R. Brass Works, 122 N Franklin, Phila., Pa.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Morse A. J. & Son, Inc., 221 High, Boston, Mass.
Ohio Pump & Brass Co. (Expansion Rod), Columbus, O.

3295— Couplings (Flange)

American Tool & Machine Co., 10 High, Boston, Mass.
Atlanta Mfg. & Supply Co., Atlanta, Ga.
Brown A. & F. Co., 79 Barclay, New York.
Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
Chain Belt Co., Milwaukee, Wis.
Cumberland Steel Co., Cumberland, Md.
Eastwood Benj. Co., Paterson, N. J.
Erie Clutch & Pulley Co., Erie, Pa.
Golden's Fdry. & Machine Co., Columbus, Ga.
Great Western Mfg. Co., Leavenworth, Kan.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Huntsville Foundry & Machine Co., Huntsville, Ala.
Jefferson Union Co. ("Jefferson"), Lexington, Mass.
JEFFREY MFG. CO., 961 N 4th, Columbus, O.
See adv index at end of book
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry., Phila., Pa.
See adv index at end of book
Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.
Mobile Pulley & Machine Co., Mobile, Ala.
Morse A. J. & Son, Inc., 221 High, Boston, Mass.
Nordyke & Marmon Co., 1290 Ky. av, Indianapolis, Ind.
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Pittsburgh Valve, Foundry & Construction Co., 26th & A V R R, Pitsburgh, Pa.
Poole Engineering & Machine Co., Woodbury Station, Baltimore, Md.
Webster Mfg. Co., Tiffin, O.
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co., Chambersburg, Pa.

Flexo Coupling Co., Montclair, N. J.
Francke Co., New Brunswick, N. J.
General Elec. Co., Schenectady, N. Y.
See adv index at end of book
Golden's Foundry & Machine Co., Columbus, Ga.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
HOOVEN, OWENS, RENTSCHLER CO. ("Hamilton"), Hamilton, O.
See adv index at end of book
Jones W. A. Foundry & Machine Co. ("Jones"), 4401 W 12th, Chicago, Ill.
McEwen Bros., Wellsville, N. Y.
Mesta Machine Co. (For Rolling Mills, etc.), Pittsburgh, Pa.
See adv index at end of book
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Roots P. H. & F. M. Co., Connersville, Ind.
Smith-Serrell Co. (Sales Agts.), 90 West, New York
Thermoid Rubber Co., Trenton, N. J.
Thomas Coupling Co. ("Simplex"), Erie, Pa.

3297—*Couplings (Flexible Cushion)

Fawcus Machine Co., First National Bank bldg., Pittsburgh, Pa.
See adv index at end of book
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

3298—Couplings (Friction Clutch)

Abell-Howe Co, 332 S Michigan av, Chicago, Ill. *See adv index at end of book*
Allis-Chalmers Mfg. Co. ("A C"), Milwaukee, Wis. *See adv index at end of book*
American Tool & Machine Co., 10 High, Boston, Mass.
Atlanta Mfg. & Supply Co., Atlanta, Ga.
Brown A. & F. Co., 79 Barclay, New York
Brown Clutch Co., Sandusky, O.
Brown Engineering Co. ("Mule-Pull" Cut Off), 110 N 3d, Reading, Pa.
See adv index at end of book
CALDWELL W. E. CO., Louisville, Ky.
See adv index at end of book
Chain Belt Co., Milwaukee, Wis.
Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
DODGE SALES & ENGINEERING CO. (Solid & Split), Mishawaka, Ind.
Eastern Machinery Co., New Haven, Conn.
Edgemont Machine Co., Dayton, Ohio
Erie Clutch & Pulley Co., Erie, Pa.
Fairbanks, Morse & Co. ("Eclipse"), 900 S Wabash av, Chicago, Ill.
Falls Clutch & Machinery Co., Cuyahoga Falls, Ohio
Golden's Foundry & Mach. Co., Columbus, Ga.
Hanson Clutch & Machy. Co., Tiffin, O.
HILL CLUTCH CO., 1000 W 58th, Cleveland, O.
Hilliard Clutch & Machinery Co. (Cut-off), Elmira, N. Y.
JEFFREY MFG. CO., 961 N 4th, Columbus, O. *See adv index at end of book*
Jones W. A. Foundry & Machine Co., ("Lemley"), 4401 W 12th, Chicago, Ill.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av, & P & R Ry, Phila., Pa.
See adv index at end of book
Medart Patent Pulley Co., St. Louis, Mo.
Morse A. J. & Son, 221 High, Boston, Mass.
Oesterlein Machine Co., Cincinnati, O.
Plamondon A. Mfg. Co., Chicago, Ill.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Stephens-Adamson Mfg. Co., Aurora, Ill.
Thomas Coupling Co. ("Empire"), Erie, Pa.
Walker Mfg. Co. (Patent Balanced), Denver, Colo.
Webster Mfg. Co., Tiffin, O.
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co., Chambersburg, Pa.
Woonsocket Machine & Press Co., Woonsocket, R. I.

3299—Couplings (Gravity, Locomotive Tender)

Adreon Mfg. Co. ("American"), Security bldg, St. Louis, Mo.

3300— Couplings (Hose)

See also Couplers, Steam & Air Hose; also Pneumatic Hose Couplings

Acme Brass Works, 147 Baxter, New York
Allen Fire Department Supply Co., 159 Aborn, Providence, R. I.
Allen W. D. Mfg. Co. (Fire, Plain & Automatic), 566 W Lake, Chicago, Ill.
American Brass & Copper Co., 138 Lafayette, New York
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Anderson Coupling & Fire Supply Co. (Automatic), Kansas City, Kans.
Boston Coupling Co. (Fire Hose), 156 Pearl, Boston, Mass.
Boston Woven Hose & Rubber Co., Cambridge, Mass.
Buckeye Iron & Brass Works, Dayton, O.
Callahan Cornelius Co., 127 Purchase, Boston, Mass.
Cassidy, Fairbank Mfg. Co. ("Samson"), 6126 S La Salle, Chicago, Ill.
Central Brass Stamping Co. ("Perfect Clinching," All Brass), Peoria, Ill.
Clark W. J. Co. ("Quick-as-Wink"), **Salem, O.**
Clay Jno. H. ("Clay-Jones" Fire Hose), 1320 Ridge av, Phila., Pa.
Combination Ladder Co. ("McIntyre"), 366 Fountain, Providence, R. I.
Compressed Air & General Machinery Co. **("Reardon"), 39 Stevenson, San Francisco, Cal.**
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Dixon Valve & Coupling Co. ("Boss"), 11th & Race, Phila., Pa.
Duplex Hose Coupling Co., 512 Jeanette, Wilkinsburg, Pa.
Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.
Elkhart Brass Mfg. Co. ("Cowan," "Fehy;" also Suction Hose), Elkhart, Ind.
Fabric Fire Hose Co., 127 Duane, New York
General Machy & Supply Co., 39 Stevenson, San Francisco, Cal.
Handlan-Buck Mfg. Co. ("Lightning" for Compound Air), 210-14 N 3d, St. Louis, Mo.
Haydenville Co., Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
Hayward S. F. & Co., 250 W 54th, New York
Helwig Mfg. Co. ("Helwig" Automatic Shut-Off), St. Paul, Minn.
Hoffmann B. Mfg. Co., 257 6th, Milwaukee, Wis.
Independent Pneumatic Tool Co., 1307 Michigan av, Chicago, Ill.
James Mfg. Co. ("Klingtite"), Cleveland, Ohio
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Knox Mfg. Co. (For Drill & High Pressure), 821 Cherry, Phila., Pa.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
McNab & Harlin Mfg. Co., 55 John, New York
McRae & Roberts Co. (Air & Gas), 227 Campbell av, Detroit, Mich.
See adv index at end of book
McShane Bell Foundry Co., Harford av & B & O R R, Baltimore, Md.
Manitowoc Shipbuilding Co. ("Gunnell"), Manitowoc, Wis.
Morse A. J. & Son (Inc.), 221 High, Boston, Mass.
Mulconroy Co. ("Mulconroy"), 54th & Jefferson, Phila., Pa.
Neumeyer H. F. & Son ("Never Slip"), Macungie, Pa.
Newhall Geo. N. Enging. Co. ("Pahlow"), Commercial Tr. bldg, Phila., Pa.
Nunn Brass Works ("Emergency" Fire Hose), Rochester, N. Y.
Peck Bros. & Co., New Haven, Conn.
Peoria Can Co. ("Improved Perfect," Clinching), Peoria, Ill.
Pioneer Brass Works ("P. B. W." Expansion Ring), Indianapolis, Ind.
Powell Wm. Co. (Ground Joint), Cincinnati, Ohio
Rauch Mfg. Co. ("Eureka" & "Reliable" for Steam & Air Hose), Galena, Kans.
Reliance Metal Co., Norfolk Downs, Quincy, Mass.
Sherman H. B. Mfg. Co., Battle Creek, Mich.
Standard Brass & Iron Works (Brewers, etc; also for Steam Hose), 1820 St. Paul av, Milwaukee, Wis.
Stebbins E. Mfg. Co., Springfield, Mass.
Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
Thermoid Rubber Co., Trenton, N. J.
Titeflex Metal Hose Corp. (Flexible Metal), Badger av & Runyon, Newark, N. J.
See adv index at end of book
Vapor Car Heating Co., 1450 Railway Ex., Chicago, Ill.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
Walworth Mfg. Co., Boston, Mass.
Waterbury Brass Goods Corporation (Wrought Brass), Waterbury, Conn.
WESTINGHOUSE AIR BRAKE CO., Pittsburgh, Pa.
Wolverine Brass Works, Grand Rapids, Mich.

3301—Couplings (Hose Band)

McChesney J. S. & Co. ("McChesney" Galvan. Wire Hose Bands), 444 Wells, Chicago, Ill.
Morgan Mfg. Co. **("Morgan's" Clamp),** Newport, R. I.
Morse A. J. & Son, 221 High, Boston, Mass.

3302—Couplings (Hose, Fire)

Allen Fire Dept. Supply Co., 159 Aborn, Providence, R. I.
Allen W. D. Mfg. Co., 566 W Lake, Chicago, Ill.
Anderson G. A. Mfg. Co. ("Anderson"), Bush & Russell, Baltimore, Md.
Boston Coupling Co., 156 Pearl, Boston, Mass.
Boston Woven Hose & Rubber Co., Cambridge, Mass.
Boyd Jas. & Brother, 25th & Wharton, Philadelphia, Pa.
Callahan Cornelius Co., 127 Purchase, Boston, Mass.
Clay John H., 1320 Ridge av, Phila., Pa.
Elkhart Brass Mfg. Co., Elkhart, Ind.
Fabric Fire Hose Co., 127 Duane, New York
Farnan Brass Works Co., 1105 Center, Cleveland, O.
Sherman H. B. Mfg. Co., Battle Creek, Mich.

3303—Couplings (Hydraulic Pipe Line)

Yarnell-Waring Co. (Caskey-Simplex), Harrison bldg, Phila., Pa.

3304— Couplings (Insulated)

Bond Chas. Co., 617 Arch, Phila., Pa.
Brown A. & F. Co., 79 Barclay, New York
General Elec. Co., Schenectady, N. Y.
See adv index at end of book

3305—Couplings (Lead Flange)

Campbell J. B. Brass Works, Erie, Pa.
Glauber Brass Mfg. Co., 49th & Superior N E, Cleveland, O.
Hays Mfg. Co., Erie, Pa.
Mueller H. Mfg. Co., Decatur, Ill.

3306—Couplings (Lead Pipe)

Allyne Brass Foundry Co. ("Corcoran"), 207 Crawford, Detroit, Mich.
Chapman Valve Mfg. Co. ("Anderson"), Indian Orchard, Mass.
Modern Iron Works, Quincy, Ill.

3307— Couplings (Meter)

Clark H. W. Co. ("Teksagon," "No Gasket"), Mattoon, Ill.
Hays Mfg. Co., Erie, Pa.

3308-9— Couplings (Pipe)

A. & J. Mfg. Co. (Wrought Iron), 559 W Lake, Chicago, Ill.
Banner Mfg. Co. (for Urinal Basins), 109 Lafayette, New York
Belknap Mfg. Co. (Circulating), Bridgeport, Conn.
Byers A. M. Co. (Genuine Wrought Iron), 235 Water, Pittsburgh, Pa.
See adv index at end of book
Central Tube Co., Pittsburgh, Pa.
Chapman Valve Mfg. Co. ("Anderson"), Indian Orchard, Mass.
Cohoes Rolling Mill Co., Cohoes, N. Y.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
CRESSMAN N. C. CO., Drexel bldg, Phila., Pa.
Custer Coupling Co., Bradford, Pa.
Dart E. M. Mfg. Co. ("Dart"), 1012 Eddy, Providence, R. I.
See adv index at end of book
Dayton Pipe Coupling Co. ("Dayton" All Steel), Dayton, O.
Dresser S. B. Mfg. Co. ("Dresser"), Bradford, Pa.
Nauffts Co. (Reducing & Straight), 127 Purchase, Boston, Mass.
FAIRBANKS & CO. ("Dart"), 416 Broome, New York
For branch offices see Alphabetical Section
Grabler Mfg. Co. (Wrought Iron), Cleveland, O.
Hammon Coupler Co. ("Hammon"), Farmers Bank bldg, Pittsburgh, Pa.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
Jefferson Union Co. ("Jefferson"), Lexington, Mass.
Kelly & Jones Co. ("Kelly," Wrought Iron, etc), 135 Water, Pittsburgh, Pa.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Lawrenceville Bronze Co. ("O. K."), Bessemer bldg, Pittsburgh, Pa.
LUNKENHEIMER CO. (Brass). Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.
See adv index at end of book
Malleable Iron Fittings Co. ("M. I. F. Co."), Bradford, Conn.
Morse A. J. & Son, 221 High, Boston, Mass.
National-Acme Mfg. Co., 7500 Stanton av S E, Cleveland, O.
New Haven Screw Co. (Up to ⅝ inch), 191 Foster, New Haven, Conn.
See adv index at end of book
South Chester Tube Co., Chester, Pa.
Strater Herman & Sons, 74 Sudbury, Boston, Mass.

Couplings (Pump Rod)

See Sockets, Pump Rod

3310— Couplings (Shafting)

ALLIS-CHALMERS MFG. CO. ("A. C" Friction Clutch), Milwaukee, Wis.
See adv index at end of book
Almond T. R. Mfg. Co. (Angular or Quarter Turn Countershaft), Ashburnham, Mass.
American Tool & Machine Co., 10 High, Boston, Mass.
Atlanta Mfg. & Supply Co., Atlanta, Ga.
Bailey Geo. D. Co. (Magneto), 1120 S Michigan av, Chicago, Ill.
Boeger-Meyer Mach. & Tool Co., 59-65 N Whorter & Bruen, Newark, N. J.
BOND FOUNDRY & MACHINE CO. (Compression), Manheim, Pa.
Brightman Machine Co., Cleveland, O.
Brown A. & F. Co., 79 Barclay, New York
Campbell Machinery Co. ("Bull Dog"), 35 W 39th, New York
Coronum Equipment Co. (Compression), 89 Fulton, New York
Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
DODGE SALES & ENGINEERING CO. (All Types Keyed & Compression), Mishawaka, Ind.
Eastwood Benj. Co., Paterson, N. J.
Ehrsam J. B. & Sons Mfg. Co., Enterprise, Kan.
Falls Clutch & Machy. Co., Cuyahoga Falls, O.
Franklin Machine Co., 189 Charles, Providence, R. I.
Golden's Foundry & Machine Co., Columbus, Ga.
Great Western Mfg. Co., Leavenworth, Kan.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Holyoke Machine Co., Holyoke, Mass.
Hunter James Machine Co., North Adams, Mass.
Huntsville Foundry & Machine Co. (Nolan & Jones, Props.), Compression Flange, Clutch, etc), Huntsville, Ala.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.

COUPLINGS (SHAFTING)—continued

Keystone Forging Co., Northumberland, Pa.
Lane Mfg. Co., Montpelier, Vt.
Lane & Bodley Co., Tenn. av & Paddock rd, Cincinnati, O.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila, Pa.
See adv index at end of book
Lombard Iron Works & Supply Co., Augusta, Ga.
McEwen Bros. (Flexible), Wellsville, N.Y.
Medart Patent Pulley Co., St. Louis, Mo.
Meese & Gottfried Co., 660 Mission, San Francisco, Cal.
Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.
Nicholson W. H. & Co. (Compression), Wilkes-Barre, Pa.
Nordyke & Marmon Co., 1290 Ky av, Indianapolis, Ind.
Plamondon A. Mfg. Co., 12 N Clinton, Chicago, Ill.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Royersford Fdry. & Machine Co., Royersford, Pa.
Safety First Mfg. Co. Washington, D. C.
Strong Homer ("Estes"), Rochester, N. Y.
Stuart R. J. & T. H., New Hamburg, N. Y.
Thomas Coupling Co. ("Little Giant"), Erie, Pa.
Webster Mfg. Co., Tiffin, O.
Weller Mfg. Co., 1856 N. Kostner av, Chicago, Ill.
Western Iron & Foundry Co., Wichita, Kan
Witte Engine Works, 16th & Oakland, Kansas City, Mo.
Wolf Co., Chambersburg, Pa.

3311—Couplings (Soldering)

Campbell J. B. Brass Works, Erie, Pa.
Exeter Brass Works, Exeter N. H.
Haydenville Co., Haydenville, Mass.
Hays Mfg. Co., Erie Pa.
Mueller H. Mfg. Co., Decatur, Ill.
Stebbins E. Mfg. Co., Springfield, Mass.

3312—Couplings (Sucker Rod)

American Well Works, Aurora, Ill.
See adv index at end of book
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Rumsey Pump Co. (Ltd.) (Wrought Forged), Box J, Seneca Falls, N. Y.
See adv index at end of book

3313— *Couplings (Swivel)

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

3314—*Couplings (Universal)

Mesta Machine Co., Oliver bldg, Pittsburgh, Pa. *See adv index at end of book*

Couplings (Wire Rope)

See Clamps, Wire Rope

3315—Covers (Automobile Radiator)

Allen Auto Specialty Co., 16 W 61st, New York
B. E. Mfg. Co. ("Bemco..), 18 W 18th, New York
Fesser Frank S. Co. ("Superior"), 1102 Prospect, Indianapolis, Ind.
Gordon J. P. Co., Columbus, O.
Kroh C. Z. Mfg. Co., Toledo, O.
Peters & Herron Dash Co., 533 E. Long, Columbus, O.
Premier Auto Novelty Mfg. Co., 149 Chambers, New York
Sioux City Auto Top Co., Sioux City, Ia.

3316— Covers (Barrel)

Bemis Bro. Bag Co. (New & Second Hand) 601 S 4th, St. Louis, Mo.
Eastern Burlap Bag Co., 95 Commerce, Hartford, Conn.
Monville, Gilles & Co. (Burlap), 127 Catharine, Phila.. Pa.
Parks M. H. & Co. ("Gem," "Champion"), Winchendon, Mass.

3317-8—Covers (Battery Jar)

American Hard Rubber Co., 9 Mercer, New York
Auburn Button Works, Auburn, N. Y.
Consumers' Rubber Co. ("Euclid"), Cleveland, O.
Dickinson Mfg. Co., Springfield, Mass.
Duranoid Mfg. Co., 213 Chestnut, Newark, N. J.
Electrose Mfg. Co., 70 Washington, Brooklyn, N. Y.
Hemming Mfg. Co., Garfield, N. J.
Stokes Jos. Rubber Co., Trenton, N. J

3319—Covers (Binder, Implement & Stack)

Acme Harvesting Machine Co. ("Acme"), Peoria, Ill.
ATLANTA TENT & AWNING CO., Atlanta, Ga.
Harry O. K. Steel Co. ("O. K. Harry"), 2333 Papin, St. Louis, Mo.
Herschel R. Mfg. Co. ("R. H. Mfg. Co.."), Peoria, Ill.
Henry & Allen ("H. & A."), Auburn, N. Y.
Massey-Harris Harvester Co. ("Johnston"), Batavia, N. Y.
Kretchmer Mfg. Co. (Corrugated Steel), Council Bluffs, Ia.
Sparta Plow Works ("Sparta"), Sparta, Ill.
Whitaker Mfg. Co. ("Perfect Fit"), 409 S Green, Chicago, Ill.

3320— Covers (Broom)

Bemis Bro. Bag Co. (Paper, Cotton & Burlap), 601 S 4th, St. Louis, Mo.
Fischer Bros. & Corwin ("Protectors"), 635 N 3d, Newark, N. J.
Genesee Textile Co. ("Tex-Style," Dustless), Rochester, N. Y.
Harris Bag Co., Caxton bldg, Cleveland, O.
Pioneer Mfg. Co. ("Shino" Chemical). Harvard av & E 103rd, Cleveland, O.

3321— Covers (Canvas)

See also Tarpaulins, Wagon Covers, etc. Also Tents, Contractors', etc

ATLANTA TENT & AWNING CO., Atlanta, Ga.
Carpenter Geo. B. Co., 440 North Wells, Chicago, Ill.
Dafoe-Eustice Co. (Waterproof), 340 Jefferson, Detroit, Mich.
OHIO CANVAS GOODS MFG. CO., 916 Summit, Toledo, O.
STANLEY, WM. W. (Waterproof), 50 Church, New York
Wyandotte Awning & Tent Co., Kansas City, Kans.

3322— Covers (Catch Basin)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Brown Specialty Machy. Co., 2440 W 22d, Chicago, Ill.
Burr Co., Champaign, Ill.
Canton Foundry & Machine Co., Canton, O.
Compound Injector & Specialty Co. ("Dehn's," "Acme"), 419 N Laramie av, Chicago, Ill.
Decatur Foundry Co., Decatur, Ill.
Davies & Thomas Co., Catasauqua, Pa.
Duplex Mfg. & Foundry Co., Euclid, O.
Franklin Pipe & Foundry Co., 2438 S Paulina, Chicago, Ill.
Galion Iron Works & Mfg. Co., Galion, O.
Greenwood Mfg. Co. ("Boosey's"), 540 Greenwich, Detroit, Mich.
Hastings Foundry & Iron Works, Hastings, Neb.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
Madison Foundry Co. ("Acme"), Cleveland, O.
Meyer Foundry & Mfg. Co., South Bend, Ind.
Mott J. L. Iron Works, Trenton, N. J.
Nazareth Fdry. & Machine Co., Nazareth, Pa.
Stowell Co. The, So Milwaukee, Wis.
Vulcan Iron Works, 327 N Irving av, Chicago, Ill.
Youngstown Foundry & Machine Co., Youngstown, O.

3323— Covers (Cistern)

Adams Co., Dubuque, Ia.
American Scale Co., Kansas City, Mo.
Colonial Fireplace Co., 4631 W 12th, Chicago, Ill.
Majestic Co. ("Majestic" Ring & Cover with Drop Handle), Huntington, Ind.
Phillips & Buttorff Mfg. Co. (Cast Iron), Nashville, Tenn.
Sperry D. R. & Co., Batavia, Ill.
Sterling Foundry Co. ("Best"), Sterling, Ill.
Waterloo Register Co., Waterloo, Ia.

3324— Covers (Coal Hole)

American Abrasive Metals Co., 50 Church, New York
American Mason Safety Tread Co. ("Safety"), Lowell, Mass.
American 3-Way Prism Co., La Porte, Ind.
Barber Mfg. Co. (With or Without Glass), Ashtabula, O.
Bolles J. E. Iron & Wire Works, 4th & Porter, Detroit, Mich.
Brown Specialty Machy. Co., 2440 W 22d, Chicago, Ill.
Burr Co., Champaign, Ill.
Canton Foundry & Machine Co. (Solid & Ventilated), Canton, O.
Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
Columbia Iron & Wire Wks. Co., Canton, O.
Covert H. W. Co., 351 Lexington av, New York
Creswell Samuel J. Iron Works, 23d & Cherry, Phila., Pa.
Dauchy Iron Works, 223 W Illinois, Chicago, Ill.
Frantz Mfg. Co., Sterling, Ill.
Hastings Foundry & Iron Works, Hastings, Neb.
Love Bros, Aurora, Ill.
McGuigan John & Co., 142 Stillman, San Francisco, Cal.
McLagon Foundry Co., New Haven, Conn.
MACKINNON BOILER & MACHINE CO., 218 N Water, Bay City, Mich.
See adv index at end of book
Madison Foundry Co. ("Acme"), Cleveland, O.
Mesker Geo. L. & Co., Evansville, Ind.
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
Paxton & Vierling Iron Works, Omaha, Neb.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av
See adv index at end of book
Sterling Foundry Co., Sterling, Ill.
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
Vierling Steel Works, 23d & Stewart av, Chicago, Ill.

3324a— Covers (Crucible)

Dixon Joseph Crucible Co., Jersey City, N. J.
McCullough-Dalzell Crucible Co., 36th & A. V. R. R., Pittsburgh, Pa.
Ohio Pottery Co. (Glazed Lids for "A" Form Crucibles), Zanesville, O.
See adv index at end of book

3325—*Covers (Dish, Petri)

Ohio Pottery Co ("Ohio"), Zanesville, O.
See adv index at end of book

3326— Covers (Dish, Wire)

Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
National Mfg. Co. ("Natwire"), Worcester, Mass.
Parker Wire Goods Co., Worcester, Mass.

3327— *Covers (Horse)

ATLANTA TENT & AWNING CO., Atlanta, Ga.
Aronoff Joseph J., Trenton, N. J.
COUCH BROS. MFG. CO., Atlanta, Ga.

3328—Covers (Hydro-Extractor)

Firsching John A., Utica, N. Y.

3329—Covers (Laundry Tub)

Adjusto Specialty Co., Springfield, Mass.
Eichman J. C. Mfg. Co., Bush & Wicomico, Baltimore, Md.
Greason Mfg. Co. ("U N X L D," Galvanized), 108 W 99th, New York
Household Granite Tub Co. ("Ramsdell" Metallic), New Haven, Conn.
Newark Fire Proof Sash & Door Co., 138 Avon av, Newark, N. J.
Shwab Bros. Co. (Galvanized), 811 E 9th, New York

3330— Covers (Manhole)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Aylward Sons Co., Neenah, Wis.
Barber Mfg. Co., Ashtabula, O.
Beggs Pipe & Fdry. Co., Birmingham, Ala.
Bissell F. Co. ("Security"), Toledo, O.
Buckeye Foundry Co., Queen City av & Buck, Cincinnati, O.
Builders' Iron Foundry ("Builders"), 9 Codding, Providence, R. I.
Burr Co., Champaign, Ill.
Caldwell E. R. & Co., Bradford, Pa.
Canton Foundry & Machine Co., Canton, O.
Casey-Hedges Co., Chattanooga, Tenn.
Central Foundry Co., 90 West, New York
Chattanooga Car & Foundry Co., Chattanooga, Tenn.
Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
Coldwell-Wilcox Co. (Also Pivot), Newburgh, N. Y.
Columbian Iron Works, Chattanooga Tenn.
Concord Foundry & Machine Co. (Also Grates & Traps), Concord, N. H.
Cope T. J., 1620 Chancellor, Phila., Pa.
Creswell Samuel J. Iron Works, 23d & Cherry, Phila., Pa.
Davies & Thomas Co., Catasauqua, Pa
Dearborn Foundry Co., 1922 Archer av. Chicago, Ill.
Dobbie Foundry & Machine Co., Niagara Falls, N. Y.
Drummond M. J. & Co., 51 Chambers New York
Duplex Mfg. & Foundry Co., Euclid, O.
Enterprise Foundry Co., Rochester, N. Y.
Fagan Iron Works, 14th, Jersey City, N. J.
Galena Foundry & Machine Co., Galena, Kan.
Gillie Mach. Co., Tonawanda, N. Y.
Globe Foundry & Machine Co., Sheboygan, Wis.
Hassell Iron Works Co., Colorado Springs, Col.
Hastings Foundry & Iron Works, Hastings, Neb.
Hay Foundry & Iron Works, Plum Point la., Newark, N. J.
Hennessey Foundry Co., Springfield, O.
Holbrook-Armstrong Iron Co., Racine, Wis.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
Industrial Iron Works, Clinton, Mo.
Iowa Steel & Iron Works, Cedar Rapids, Ia.
Jones W. A. Foundry & Machine Co., 4401 12th, Chicago, Ill.
Keokuk Hydraulic Tire Setter Co., Keokuk, Ia.
Kramer Bros. Foundry Co., Dayton, O.
Kuhns Bros., Dayton, O.
McDonald Foundry, Columbus, O.
Madison Foundry Co. ("Acme"), Cleveland, Ohio
Maher & Flockhart, 60 Polk, Newark, N. J.
Meyer Foundry & Mfg. Co., South Bend, Ind.
Meyers Fred. J. Mfg. Co., Hamilton, O
See adv index at end of book
Millar Chas. & Son Co., Utica, N. Y.
Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.
Modern Iron Works, Quincy, Ill.
Morris Elmer P., 136 Liberty, New York
Morris Iron & Steel Co., Frederick, Md.
Munnsville Plow Co., Munnsville, N. Y.
New Brunswick Iron Works, New Brunswick, N. J.
Nordeen H. G. Everett, Wash.
Over Ewald, Indianapolis, Ind.
Parsons G. W. Co., Newton, Ia.
Paxton & Vierling Iron Works, Omaha, Neb.
Phillips & Buttorff Mfg. Co., Nashville, Tenn.
Rempis & Gallmeyer Foundry Co., Grand Rapids, Mich.
Republic Structural Iron Wks. Co., 1350 E 53d, Cleveland, O.
Roanoke Iron Works, Roanoke, Va.
Russell Albert & Sons Co., Newburyport, Mass.
Russel Wheel & Foundry Co., Detroit, Mich.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
Santa Fe Foundry Co., Richmond, Cal.
S. E. T. Valve & Hydrant Co., 50 Church, New York. *See adv index at end of book*
Sessions Foundry Co. (Subway, etc), Bristol, Conn.
South Bend Fdry. Co., South Bend, Ind.
South Park Foundry & Machine Co., St. Paul, Minn.
Springfield Fdry. Co., Springfield, Mass.
Standard Foundry Co., Buffalo, N. Y.
Stary Frank & Sons, Cedar Rapids, Ia.
Steiger & Kerr Stove & Foundry Co., Folsom & 18th, San Francisco, Cal.
Stuart Foundry Co., Detroit, Mich.
Thatcher Geo. H. & Co., Albany, N. Y.
Thompson J. & Co., Van Horn & Sophia. Phila., Pa.
Toledo Foundry & Machine Co., Toledo, Ohio
Tuscaloosa Iron Works, Tuscaloosa, Ala.
Tyler Underground Heating System, 815 S Canal, Pittsburgh, Pa.
United Iron Works Co., Kansas City, Mo.
U. S. Cast Iron Pipe & Foundry Co., Burlington, N. J.
Universal Cable Grip Co., Syracuse, N. Y
Vulcan Iron Works, 327 N Irving av, Chicago, Ill.
Wallace Machine & Foundry Co., Lafayette, Ind.
Wearne Brothers, Omaha, Neb.
Western Iron & Foundry Co., Wichita Kan.
Youngstown Foundry & Machine Co., Youngstown, O.

3331— Covers (Nut)

See also Caps, Hub

Erie Metal Products Co. (Pressed Steel), Erie, Pa.
Glauber Brass Mfg. Co. (Nickel Plated), 49th & Superior av N E, Cleveland, O.

3332—Covers (Paper Shipping)

Harris Bag Co., Caxton bldg, Cleveland, O
Herrlinger & Co. (For Buggies), 206 Walnut, Cincinnati, O.
Kennedy Car Liner & Bag Co., Shelbyville, Ind.
Seinsheimer Paper Co., York & McLean Cincinnati, O.
Thompson & Norris Co., The (Corrugated) Concord & Prince, Brooklyn, N. Y

3333— Covers (Pot)

Cassady, Fairbank Mfg. Co. ("Lasher's" Spring Handle), 6126 S La Salle, Chicago, Ill.
Ford Mfg. Co., Newark, N. J.
Kitchen Specialty Mfg. Co., Reading, Pa
Republic Metal Ware Co., Buffalo, N. Y.
Royal Mfg. Co., Denckla bldg, Phila., Pa
Troy Stamping Works, Troy, N. Y.

3334—Covers (Service Box)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Patterson Mfg. Co. ("Nobolt"), Keystone bldg, Pittsburgh, Pa.

3335— Covers (Shoe)

Endura Mfg. Co. ("Duraflex"), 63d & Eastwick av, Phila., Pa.
Rubber Fibre Co. ("Elasto"), 560 First Boston, Mass.

3336— Covers (Shuttle)

Disston Henry & Sons, Tacomy, Phila., Pa

3337—Covers (Steering Wheel)

Empire Tire & Rubber Corp. ("Empire"), East Trenton, N. J.

3338—Covers (Table, Paper)

Dennison Mfg. Co., 26 Franklin, Boston, Mass.
Scott Paper Co., 7th & Glenwood, Phila., Pa.

3339— Covers (Tire)

Allen Auto Specialty Co. ("Allen"), 16 W 61st, New York z
Empire Tire & Rubber Corp., East Trenton, N. J.
Gordon J. P. Co., Columbus, O.
Kimball Tire Case Co. (Steel), Council Bluffs, Ia.
Peters & Herron Dash Co., 533 E Long, Columbus, O.
Signalite Mfg. Co. (Steel), 522 S Clinton, Chicago, Ill.

Covers (Wash Tub)

See Covers, Laundry Tub

3340— Cowls (Chimney)

DONLEY BROS. CO. ("D. B."), 3625 E 74th, Cleveland, O.
See adv index at end of book
Pullman Automatic Ventilator Mfg. Co. ("Pullman" Ventilating Cowl), York, Pa.

3341— Crabs (Hoisting)

American Hoist & Derrick Co. (Single & Double Drum), St. Paul, Minn.
Brown Hoisting Machinery Co., 4403 St. Clair N E, Cleveland, O.
Byers John F. Machine Co. (Hook & Chain Stone Crabs, etc), 242 S Sycamore, Ravenna, O. *See adv index at end of book*
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
Dake Engine Co., Grand Haven, Mich.
Dempster Mill Mfg. Co., Beatrice, Neb.
Dobbie Foundry & Machine Co. Main Office & Works: Niagara Falls, N. Y.
Galena Iron Works Corp., Galena, Ill.
Helmick Foundry & Machine Co., Fairmont, W. Va.
Hess-Martin Iron Works, Portland, Ore.
National Iron Co., Duluth, Minn.
Niles Mine & Mill Supply Co., Cleveland, Ohio
Round D. & Son, Cleveland, O.
United Iron Works Co., Kansas City, Mo.
Vogl Tool Co., 912 E 19th, Kansas City,
Vulcan Iron Works, Wilkes-Barre, Pa.

3342— Crabs (Pole)

English & Mersick Co., New Haven, Conn.
Searls Mfg. Co., 29 Mulberry, Newark, N. J.
Woodruff Walter W. & Sons Co., Mount Carmel, Conn.

3343— Cradles (Children's)

Abbott John G. (Est. of), (Rocking), Antrim, N. H.
Automatic Cradle Mfg. Co. (Self-Swinging), Stevens Point, Wis.
Banner Mfg. Co. (Rocking), Mt. Airy, N. C.
Cream City Bedding Co. (Rocking & Swinging), 3200 Fond du Lac av, Milwaukee, Wis.
Fletcher Furniture Co. (Rocking), Nashua, N. H.
Johnson P. (Rocking), 856 W Erie, Chicago, Ill.
Milwaukee Woven Wire Works (Rocking), 3014-20 Clarke, Milwaukee, Wis.
Paige E. C. (Rocking & Swinging), Antrim, N. H.
Preuss R. J. Co. (Rocking & Swinging), 388 38th, Milwaukee, Wis.
Simmons Co., 1347 Michigan, Chicago, Ill.
Sussman H. (Rocking & Swinging), 232 E 111th, New York

3344— Cradles (Grain)

Andres Jos., Kelso, Ind.
Brinser E. C. Sons, Richmond, Va.
Counts J. C., Prosperity, S. C.
Derby & Ball, Bellows Falls, Vt.
Fuss J. C., Kauffman, Pa.
McGuire B. C. J., Wilmore, Pa.
North Indianapolis Cradle Works, Indianapolis, Ind.
Schwob J. A. Co., Moundsville, W. Va.
Seymour Mfg. Co., Seymour, Ind.
Walck, Henry S., Greencastle, Pa.

3345—Crane Controllers (Electric)

Allen-Bradley Co. ("Allen-Bradley"), 495 Clinton, Milwaukee, Wis.
Cameron Engng. Co., E Stroudsberg, Pa.
See adv index at end of book
Cleveland Crane & Engineering Co., Box 152, Wickliffe, O.
Cutler-Hammer Mfg. Co., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
ELECTRIC CONTROLLER & MFG. CO. (Reversing, for Electric Cranes, Hoists, etc), Cleveland, O.
See adv index at end of book
Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.
MORGAN ENGINEERING CO., Alliance, Ohio *See adv index at end of book*
Toledo Bridge & Crane Co., 2500 Dorr, Toledo, O.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

3346— *Crane Runways

CHICAGO BRIDGE & IRON WORKS, (Steel), 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book
NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Republic Structural Iron Wks. Co., 1350 E 53d rd, Cleveland, O.

3347-8— Cranes

For Various Kinds of Cranes See Subclassifications following
Advance Engineering Co., Metta av, Cleveland, O.
Alliance Machine Co., Alliance, O.
Box Alfred & Co., 813 N Front, Phila., Pa.
Brown Hoisting Machinery Co., 4403 St. Clair, N E, Cleveland, O.
Browning Co., E 162d & Waterloo rd, N E, Cleveland, O.
Bucyrus Co., South Milwaukee, Wis.
BYERS JOHN F. MACHINE CO., 242 Sycamore, Ravenna, O.
Carlin John H. Machine Co., Pittsburgh, Pa.
Cleveland Crane & Engineering Co., Box 152, Wickliffe, O.
Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.
Curtis & Co. Mfg. Co. (Air), St. Louis, Mo.
DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*
Dillon-Box Iron Works Co., Denver, Col.
Euclid Crane & Hoist Co., Euclid, O.
Franklin Portable Crane & Hoist Co. ("Franklin"), Box 516, Franklin, Pa.
Gilbert-Grant Co., 143 B'way, New York
See adv index at end of book
Hoisting Machinery Co., 50 Church, New York. *See adv index at end of book*
Industrial Works, Bay City, Mich.
Johnston & Jennings Co., Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book

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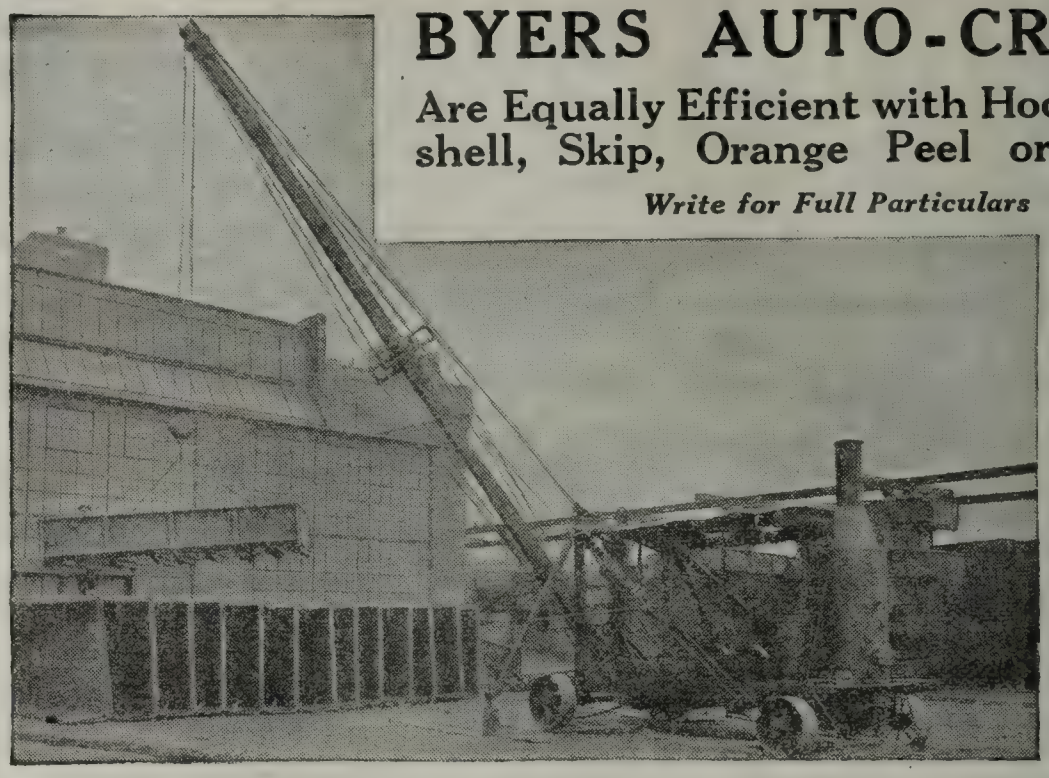

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See adv index at end of book
Locomotive Crane Co., Bucyrus, O.
See adv index at end of book
McMyler-Interstate Co., Bedford, O.
Maris Bros., 56th & Gray's av, Phila., Pa.
Milton S. G. & Son ("Champion"), Franklin, Pa.
Morgan Construction Co., Worcester, Mass.
MORGAN ENGINEERING CO., Alliance, Ohio *See adv index at end of book*

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Osgood Co., Marion, O.
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PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Roeper Crane & Hoist Works, Reading, Pa.
Shaw Electric Crane Co., 119 W 40th, New York
Shriver T. & Co., Harrison, N. J.
Smith, Whitcomb & Cook Co., Barre, Vt.
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See adv index at end of book
Terry Edw. F. Mfg. Co. (Shipyard), Grand Central Term., New York
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See Cranes, Pneumatic

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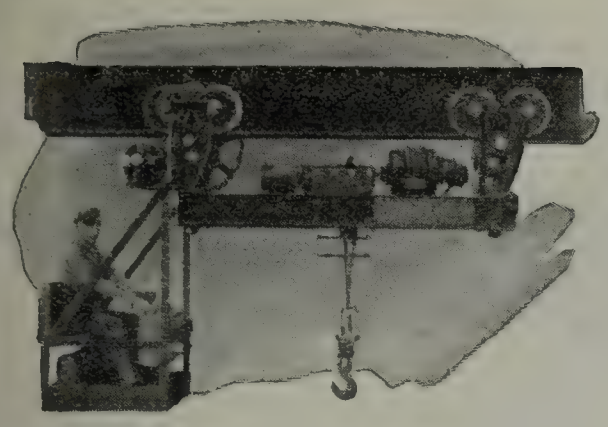

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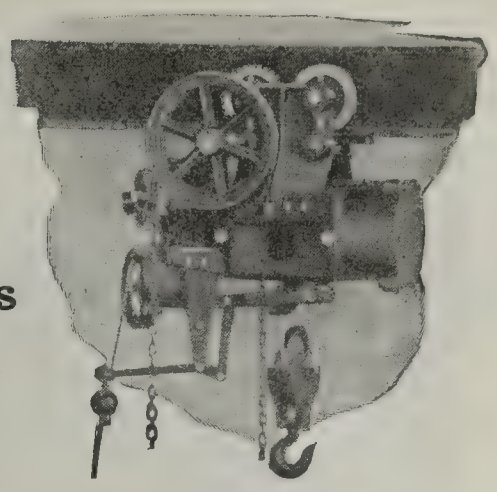

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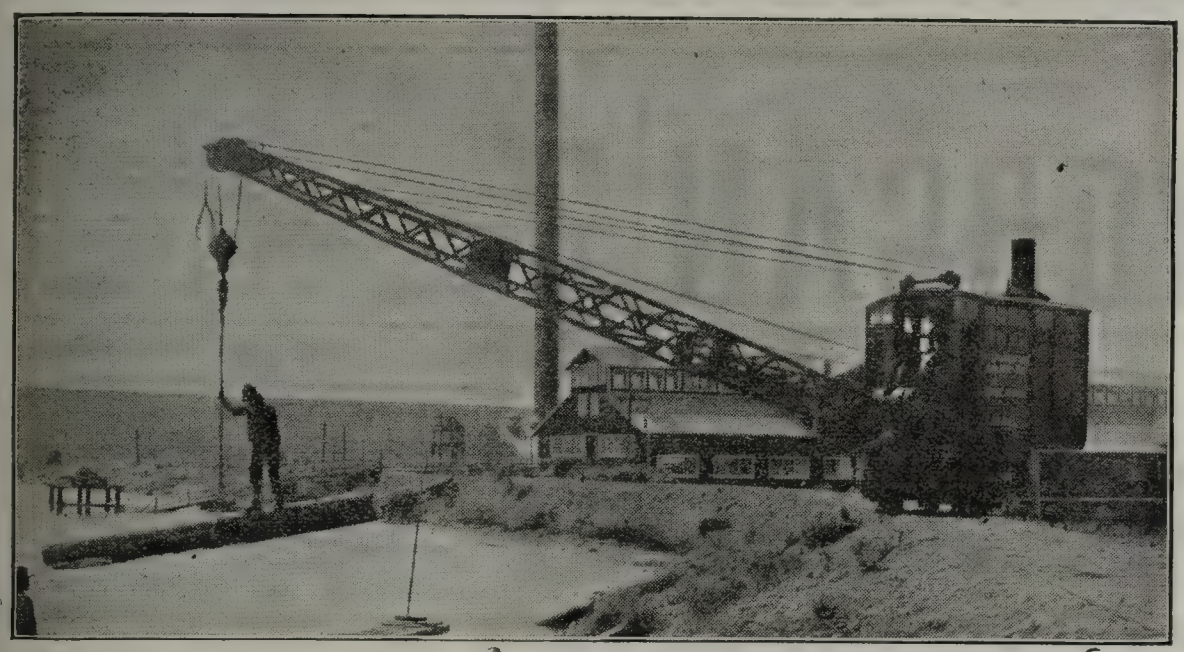

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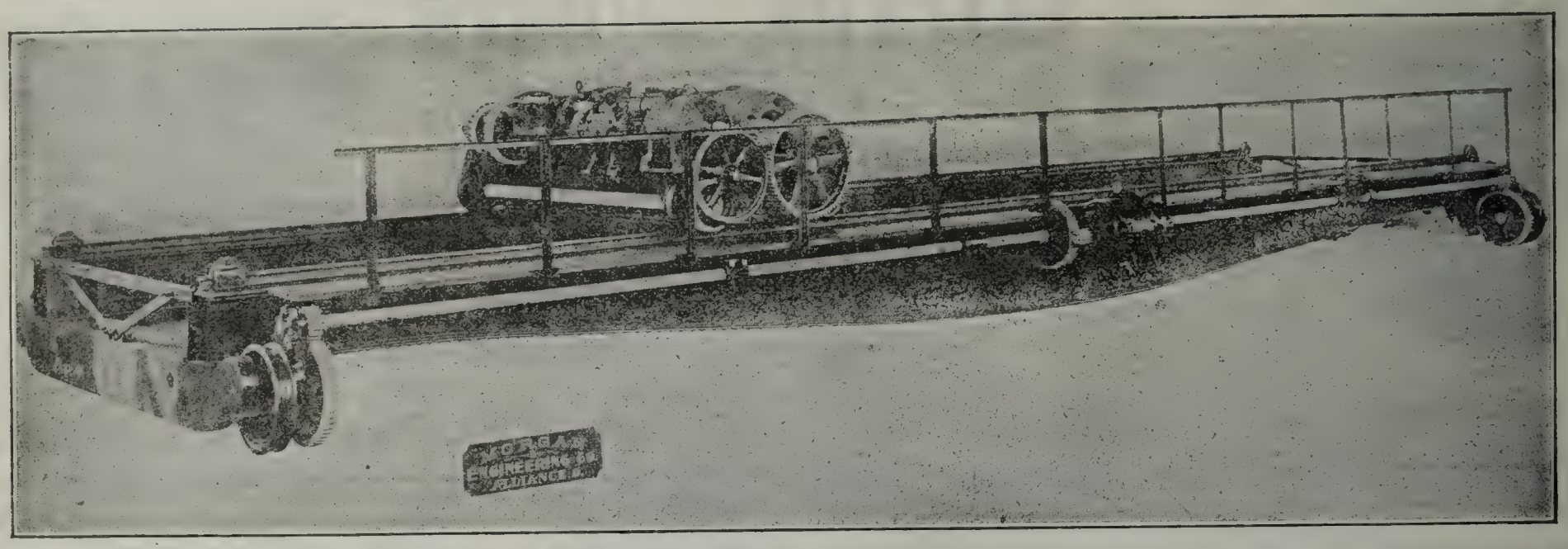

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Curtis & Co. Mfg. Co. (Hand or Power), 1571 Kienlen av, St. Louis, Mo.
Hoisting Machy. Co., 50 Church, New York. *See adv index at end of book*
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.

3350— Cranes (Bridge)

Brown Hoisting Machinery Co., 4403 St. Clair, N E, Cleveland, O.
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See adv index at end of book
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3350a— *Cranes (Bucket)

Locomotive Crane Co., Bucyrus, O.
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3351—Cranes (Canning Factory)

Zastrow Geo. W. ("Zastrow"), 1410 Thames, Baltimore, Md.

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LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
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NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
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Pawling & Harnischfeger Co., Milwaukee, Wis.
Russel Wheel & Foundry Co., Detroit, Mich.
Toledo Bridge & Crane Co., 2500 Dorr, Toledo, O.
Wellman-Seaver-Morgan Co., Cleveland, O.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.

3353—Cranes (Charging & Drawing)

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Cleveland Crane & Engineering Co., Box 152, Wickliffe, O.
MORGAN ENGINEERING CO., Alliance, Ohio. *See adv index at end of book*
Pawling & Harnischfeger Co., Milwaukee, Wis.
Wellman-Seaver-Morgan Co., Cleveland, O.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.

3354—Cranes (Charging & Truing)

Cleveland Crane & Engineering Co., Box 152, Wickliffe, O.

3355—Cranes (Concentric Traveling)

Cleveland Crane & Engineering Co., (Circular Runway), Box 152, Wickliffe, O.
Whiting Foundry Equipment Co. (Circular Runway), 157th & Halstead, Chicago, Ill.

3355a—*Cranes (Coal Storage)

Northern Engineering Works, 9 Chene, Detroit, Mich.
See adv index at end of book

3356— Cranes (Derrick)

Byers John F. Machine Co., 242 Sycamore, Ravena, O.
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For branch offices see adv index at end of book
Cleveland Crane & Engineering Co., Box 152, Wickliffe, O.
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
Locomotive Crane Co., Bucyrus, O.
See adv index at end of book
Lucey Mfg. Corp., 233 B'way, New York
For branch offices see Alphabetical Section
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Osgood Co., Marion, O.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Union Tool Co. (For Oil & Gas Wells), Los Angeles, Cal.

3357— *Cranes (Dock)

Byers John F. Machine Co., 242 Sycamore, Ravenna, O. *See adv index at end of book*
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
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See adv index at end of book
Locomotive Crane Co., Bucyrus, O.
See adv index at end of book
NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book

3358—Cranes (Electric Locomotive)

Brown Hoisting Machinery Co., 4403 St. Clair, N E, Cleveland, O.
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BYERS JOHN F. MACHINE CO., 242 Sycamore, Ravenna, O.
See adv index at end of book
Exeter Machine Works, Pittston, Pa.
Hoisting Machinery Co., 50 Church, New Yark. *See adv index at end of book*
Industrial Works, Bay City, Mich.
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See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
LOCOMOTIVE CRANE CO., THE, Bucyrus, O. *See adv index at end of book*
Maine Electric Co., Portland, Me.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.

3358a—*Cranes (Electric Railway Wrecking)

Locomotive Crane Co., Bucyrus, O.
See adv index at end of book

3359—Cranes (Electric Traveling)

Abell-Howe Co., 327 S Michigan av, Chicago, Ill. *See adv index at end of book*

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Cameron Engng. Co., E Stroudsburg, Pa.
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Champion Iron Works, Kenton, O.
Cleveland Crane & Engineering Co., Box 152, Wickliffe, O.
Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.
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McMyler-Interstate Co., Bedford, O.
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Niles-Bement-Pond Co., 111 B'way, New York
N. J. Fdry & Mach. Co. ("Delta), 89 West, New York
NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
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Pawling & Harnischfeger Co., Milwaukee, Wis.
Roeper Crane & Hoist Works (Floor Controlled), Reading, Pa.
SCULLY JONES & CO., Railway Exchange bldg, Chicago, Ill.
See adv index at end of book
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
Shaw Electric Crane Co., 119 W 40th, New York
SHEPARD ELECTRIC CRANE & HOIST CO. ("Shepard"), Montour Falls, N. Y. *See adv index at end of book*
Shriver T. & Co., Harrison, N. J.
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Toledo Bridge & Crane Co., 2500 Dorr, Toledo, O.
Triumph Ice Machine Co., Oakley, Cincinnati, O.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.

3360— Cranes (Forge)

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Cleveland Crane & Engineering Co., Box 152, Wickliffe, O.
Euclid Crane & Hoist Co., Euclid, O.
Johnson & Jennings Co. (Electric), Addison rd & N. Y. C. R. R., Cleveland, O.
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MORGAN ENGINEERING CO., Alliance, O. *See adv index at end of book*
Neumeyer & Dimond ("Demag" Imp), 82 Beaver, New York
NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book
Pawling & Harnischfeger Co., Milwaukee, Wis.
Toledo Bridge & Crane Co., 2500 Dorr, Toledo, O.
Wellman-Seaver-Morgan Co., Cleveland, O.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.

3361— Cranes (Gantry)

Alliance Machine Co., Alliance, O.
American Bridge Co., 30 Church, New York
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Brown Hoisting Machinery Co., 4403 St. Clair N E, Cleveland, O.
Browning Victor R. & Co., 17701 Lake Shore blvd, Cleveland, O.; Mansfield, O., and College Point, New York
See adv index at end of book
Cameron Engng. Co., E Stroudsburg, Pa.
See adv index at end of book
Case Crane & Engineering Co., Columbus, O.
Cleveland Crane & Engineering Co., Box 152, Wickliffe, O.

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LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
LOCOMOTIVE CRANE CO., Bucyrus, O.
See adv index at end of book
McMyler-Interstate Co., Bedford, O.
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New Jersey Foundry & Machine Co. ("Delta"), 89 West, New York
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Orton & Steinbrenner Co., 610 S Dearborn, Chicago, Ill.
Pawling & Harnischfeger Co., (Electric), Milwaukee, Wis.
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Shaw Electric Crane Co., 119 W 40th, New York
Toledo Bridge & Crane Co., 2500 Dorr, Toledo, O.
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3362—*Cranes (Grab Bucket)

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Johnston & Jennings Co., Addison road & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago., Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
LOCOMOTIVE CRANE CO., Bucyrus, O.
See adv index at end of book
NORTHERN ENGINEERING WKS., 9 Chene, Detroit, Mich.
See adv index at end of book
SHEPARD ELECTRIC CRANE & HOIST CO., Montour Falls, N. Y.
See adv index at end of book

3363—Cranes (Hand Power)

Abell-Howe Co., 327 S Michigan av, Chicago, Ill. *See adv index at end of book*
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Busch J. C. Co., 140 Ferry, Milwaukee, Wis.
Cameron Engng. Co., E Stroudsburg, Pa.
See adv index at end of book
Case Crane & Engineering Co., Columbus, O.
Channon Jas. H. Mfg. Co. (Jib, Traveling, etc), 227 W Erie, Chicago, Ill.
Cincinnati Iron & Steel Co. ("Cisco"), Cincinnati, O.
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
COBURN TROLLEY TRACK MFG. CO. (And Hand Power Traveling), P. O. Box 721, Holyoke, Mass.
Curtis & Co. Mfg. Co., 1671 Kienlen av, St. Louis, Mo.
DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*
Dillon-Box Iron Works Co., Denver, Col.
Dobbie Foundry & Machine Co., Main Office & Works, Niagara Falls, N. Y.
Erie Steel Construction Co., Erie, Pa.
Euclid Crane & Hoist Co., Euclid, O.
Exeter Machine Works, Pittston, Pa.
GILBERT-GRANT CO., 143 B'way, New York. *See adv index at end of book*
Harrington Edw. Son & Co., 17th & Callowhill, Phila., Pa.
Hoisting Machinery Co., 50 Church, New York. *See adv index at end of book*
Imperial Iron Works (Traveling), Duluth, Minn.
Industrial Works, Bay City, Mich.
Johnston & Jennings Co., Addison road & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
Lincoln Iron Works (Jib, for Stone Quarries & Stone Mills, etc), Rutland, Vt.
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New Jersey Foundry & Machine Co. ("Delta"), 89 West, New York
NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
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Pawling & Harnischfeger Co. (Traveling), Milwaukee, Wis.
Roeper Crane & Hoist Works (Traveling, etc), Reading, Pa.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
St. Cloud Iron Works Co. (Hand Power Traveling), St. Cloud, Minn.
Shaw Electric Crane Co., 119 W 40th, New York
Shriver T. & Co., Harrison, N. J.
SPEIDEL JOHN G. (Hand Power Traveling), Reading, Pa.
See adv index at end of book
Toledo Bridge & Crane Co., 2500 Dorr, Toledo, O.
Triumph Ice Machine Co., Oakley, Cincinnati, O.
Whiting Foundry Equipment Co. (Hand Power, Traveling, etc), 157th & Halstead, Chicago, Ill.
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3364—Cranes (Hand Traveling)

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Busch J. C. Co., 140 Ferry, Milwaukee, Wis.
Cameron Engng. Co., E Stroudsburg, Pa.
See adv index at end of book
Case Crane & Engineering Co., Columbus, O.
Chisholm-Moore Mfg. Co. (Chain), 5046 Lakeside, Cleveland, O.
COBURN TROLLEY TRACK MFG. CO., P. O. Box 721, Holyoke, Mass.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*
Dobbie Foundry & Machine Co., Niagara Falls, N. Y.
Euclid Crane & Hoist Co., Euclid, O.
GILBERT-GRANT CO., 143 B'way, New York. *See adv index at end of book*
Harrington Edw. Son & Co. (Chain), 17th & Callowhill, Phila., Pa.
HOISTING MACHINERY CO., 50 Church, New York. *See adv index at end of book*
Johnston & Jennings Co., Addison road & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book
N. J. Fdry. & Mach. Co., 140 Cedar, New York
Roeper Crane & Hoist Works, Reading, Pa.
SPEIDEL JNO. G., Reading, Pa.
See adv index at end of book
Wright Mfg. Co., Lisbon, O.
Yale & Towne Mfg. Co. (Chain), 9 E 40th, New York

3365— Cranes (Hydraulic)

Cameron Engng. Co., E Stroudsburg, Pa.
See adv index at end of book
Chambersburg Eng. Co. (Radical or Traveling), Chambersburg, Pa.
Morgan Const. Co., Worcester, Mass.
MORGAN ENGINEERING CO., Alliance, O. *See adv index at end of book*
Ridgway Craig & Son Co., Coatesville, Pa.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*
Whiting Foundry Equipment Co. (Pneumatic, Electric & Hand Power), 157th & Halstead, Chicago, Ill.
Wood R. D. & Co. (Jib, Bracket, Tower, etc), 400 Chestnut, Phila., Pa.
Wood Wm. H., Media, Pa.
Zastrow Geo. W. (For Packing Houses), 1410 Thames, Baltimore, Md.

3366—Cranes (Ingot Stripping)

Alliance Machine Co., Alliance, O.
MORGAN ENGINEERING CO., Alliance, O. *See adv index at end of book*

3367— Cranes (Jib)

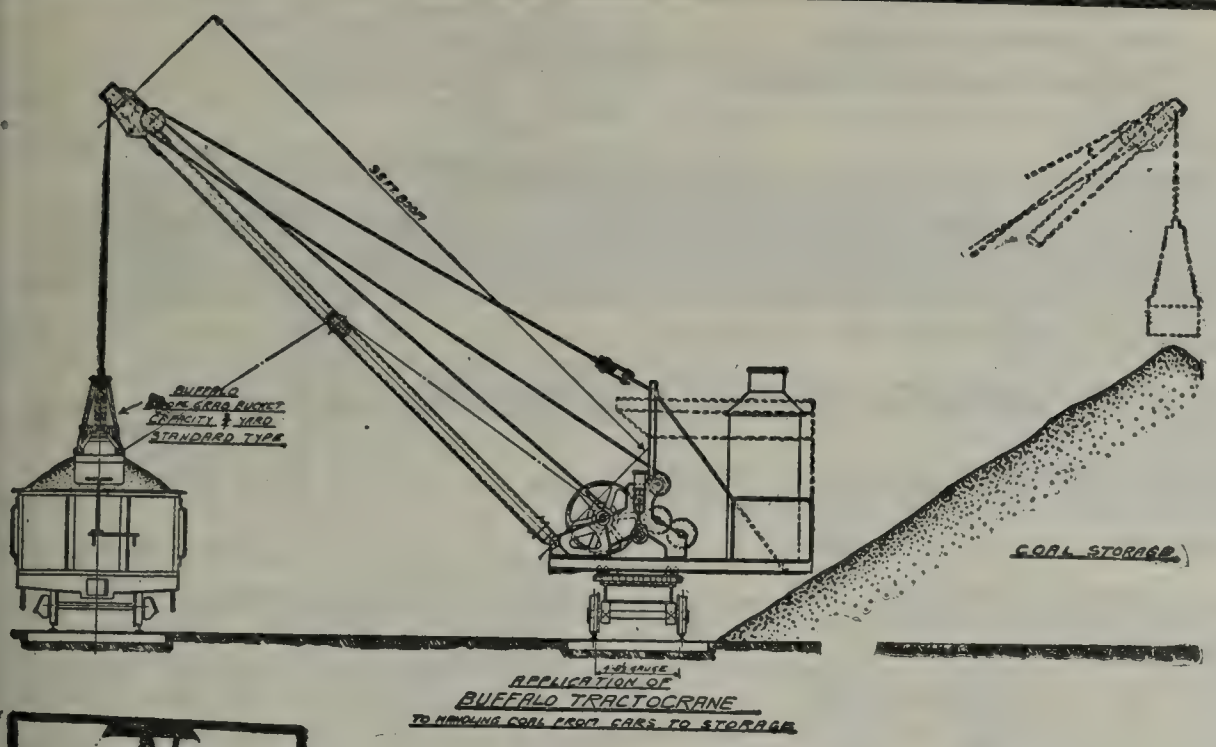
Alliance Machine Co. (Hydraulic & Electric), Alliance, O.
Box Alfred & Co., 813 N Front, Phila., Pa.
Brown Hoisting Machinery Co., 4403 St. Clair, N E, Cleveland, O.
Buffalo Hoist & Derrick Co., 131 Erie, Buffalo, N. Y.
See adv index at end of book
Cameron Engng. Co., E Stroudsburg, Pa.
See adv index at end of book
Case Crane & Engineering Co. (Belt, Hand Power & Electric), Columbus, O.
Channon Jas. H. Mfg. Co. (Hand Power), 227 W Erie, Chicago, Ill.
Cleveland Crane & Engineering Co., Box 152, Wickliffe, O.
Curtis & Co. Mfg. Co. (For Hand or Power Over & Under Braced), 1571 Kienlen av, St. Louis, Mo.
DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*
Dillon-Box Iron Works Co., Denver, Colo.
Dobbie Foundry & Machine Co., Main Office & Works, Niagara Falls, N. Y.
Exeter Machine Works, Pittston, Pa.
Gilbert-Grant Co., 143 B'way, New York
See adv index at end of book
Hoisting Machy. Co., 50 Church, New York
See adv index at end of book
McMyler-Interstate Co., Bedford, O.
Maris Bros., 56th & Gray's av, Phila., Pa.
Morgan Construction Co., Worcester, Mass.
MORGAN ENGINEERING CO. (For Rolling Mills, etc), Alliance, O.
See adv index at end of book
New Jersey Foundry & Machine Co. ("Delta"), (Walking, etc), 89 West, New York
Niles-Bement-Pond Co., 111 B'way, New York
NORTHERN ENGINEERING WORKS (Electric, Hand & Pneumatic), 9 Chene, Detroit, Mich.
See adv index at end of book
Pawling & Harnischfeger Co. (Electric, Stationary, Traveling & Traveling Wall), Milwaukee, Wis.
Production Engineering Co., 1716 Spring Garden, Phila., Pa.
Ridgway Craig & Son Co., Coatesville, Pa.
Shaw Electric Crane Co., 119 W 40th, New York
SHEPARD ELECTRIC CRANE & HOIST CO., Montour Falls, N. Y.
See adv index at end of book
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.
Whitehead & Kales Iron Works, Detroit, Mich.
Wood R. D. & Co. (Hydraulic), 400 Chestnut, Phila., Pa.
Yale & Towne Mfg. Co. (Hand Power), 9 E 40th, New York

3368—Cranes (Jib, Electric Walking)

Case Crane & Engineering Co., Columbus, O.
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
Dillon-Box Iron Works Co., Denver, Colo.
Pawling & Harnischfeger Co., Milwaukee, Wis.
Toledo Bridge & Crane Co., 2500 Dorr, Toledo, O.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.

3369— Cranes (Ladle)

Alliance Machine Co. (Electric), Alliance, O.
Case Crane & Engineering Co., Columbus, O.
Cleveland Crane & Engineering Co., Box 152, Wickliffe, O.
Dillon-Box Iron Works Co., Denver, Colo.
MORGAN ENGINEERING CO. (Electric), Alliance, O. *See adv index at end of book*
NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book
Pawling & Harnischfeger Co., Milwaukee, Wis.
Toledo Bridge & Crane Co., 2500 Dorr, Toledo, O.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.



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3370— Cranes (Locomotive)

American Hoist & Derrick Co., St. Paul, Minn.
Atlas Car & Mfg. Co., Cleveland, O.
Brown Hoisting Machinery Co. ("Brownhoist"), 4403 St. Clair, N E, Cleveland, O.
Browning Co., E 162d & Waterloo rd, N E, Cleveland, O.
BROWNING VICTOR R. & CO., 17701 Lake Shore blvd., Cleveland, O.; Mansfield, O., & College Point, New York *See adv index at end of book*
Bucyrus Co., So. Milwaukee, Wis.
BUFFALO HOIST & DERRICK CO., 131 Erie, Buffalo, N. Y.
See adv index at end of book
BYERS JOHN F. MACHINE CO., 242 S Sycamore, Ravenna, O.
See adv index at end of book
Davenport Locomotive Works, Davenport, Iowa
Exeter Machine Works (With Grab Buckets, etc), Pittston, Pa.
Fairbanks, Morse & Co. ("Sheffield" Water), 900 S Wabash av, Chicago, Ill.
Hoisting Machy. Co., 50 Church, New York
See adv index at end of book
Industrial Works (Electric & Steam), Bay City, Mich.
KLEINHAUS H. CO. (Second Hand), Union Arcade, Pittsburgh, Pa.
See adv index at end of book
LINK-BELT CO. (Steam & Electric), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
LOCOMOTIVE CRANE CO., Bucyrus, O.
See adv index at end of book
Luther Frederick P. Co., 14 E Jackson blvd, Chicago, Ill.
McMyler-Interstate Co., Bedford, O.
MACHINERY WAREHOUSE & SALES CO., Old Colony bldg, Chicago, Ill.
Main Electric Co. (Electric), 361 E Morrison, Portland, Ore.
Orton & Steinbrenner Co., 610 S Dearborn, Chicago, Ill.
Osgood Co., Marion, O.

3371— *Cranes (Locomotive, Steam)

Byers John F. Machine Co., 242 Sycamore, Ravenna, O. *See adv index at end of book*
Hoisting Machy. Co., 50 Church, New York
See adv index at end of book
LINK-BELT CO. (& Electric), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila Pa.
See adv index at end of book
LOCOMOTIVE CRANE CO., Bucyrus, O.
See adv index at end of book

3372— Cranes (Logging)

Brown Hoisting Machinery Co., 4403 St. Clair, N E, Cleveland, O.
Byers John F. Machine Co., 242 Sycamore, Ravenna, O. *See adv index at end of book*
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
Industrial Works, Bay City, Mich.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
Locomotive Crane Co., Bucyrus, O.
See adv index at end of book
Phoenix Mfg. Co. (Direct Acting Steam), Eau Claire, Wis.

3373— Cranes (Mail)

Columbian Mail Crane Co. ("Columbian" Mail), Columbus, O.
Mason, Davis & Co. ("Gibraltar"), 7740 S Chicago av, Chicago, Ill.

3373a—*Cranes (Mill Type)

NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book

3373b—*Cranes (Overhead Electric)

Northern Engineering Works, 9 Chene, Detroit, Mich.
See adv index at end of book

3374— Cranes (Pillar)

Alliance Machine Co., Alliance, O.
Brown Hoisting Machinery Co., 4403 St. Clair, N E, Cleveland, O.
Case Crane & Engineering Co., Columbus, O.
Cleveland Crane & Engineering Co., Box 152, Wickliffe, O.
Curtis & Co. Mfg. Co., 1571 Keinlen av, St. Louis, Mo.
Farrel Foundry & Machine Co., Ansonia, Conn.
Gilbert-Grant Co., 143 B'way, New York
See adv index at end of book
Industrial Works (Pillar & Transfer for Use in Handling Freight), Bay City, Mich.
McMyler-Interstate Co., Bedford, O.
MORGAN ENGINEERING CO., Alliance O. *See adv index at end of book*
NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book
Pawling & Harnischfeger Co., (Electric Jib), Milwaukee, Wis.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.

3375— Cranes (Pit)

Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Turner, Vaughn & Taylor Co. (For Wire Mill Cleaning House & Annealing), Cuyahoga Falls, O.

3376— Cranes (Pneumatic)

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill.
See adv index at end of book
Curtis & Co. Mfg. Co. ("Curtis" Traveling, etc), 1571 Kienlen av, St. Louis, Mo.
DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book

CRANES (PNEUMATIC)—continued
Ridgway, Craig & Son Co., Coatesville, Pa.
Triumph Ice Machine Co., Oakley, Cincinnati, O.
Turner Vaughn & Taylor Co. (For Wire Mill Cleaning, House & Annealing) Cuyahoga Falls, O.
See adv index at end of book
Whiting Foundry Equipment Co. (Also Pneumatic Riveting), 157th & Halstead, Chicago, Ill.

3377— Cranes (Portable)

Abell-Howe Co., 332 S Michigan av, Chicago, Ill. *See adv index at end of book*
Brown Hoisting Machinery Co., 4403 St. Clair, N E, Cleveland, O.
Byers John F. Machine Co., 242 Sycamore, Ravenna, O. *See adv index at end of book*
CAMERON ENGINEERING CO., East Stroudsburg, Pa.
See adv index at end of book
Canton Foundry & Machine Co. ("Canton" Portable Floor Crane & Hoist), Canton, O.
DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*
Franklin Portable Crane & Hoist Co. ("Franklin," All Iron on Wheels), Box 516, Franklin, Pa.
Gerdes & Co., 42 Church, New York
See adv index at end of book

PORTABLE CRANES
for Shops, Garages, Etc.
Capacities, 1, 1½, 2 tons
GERDES & COMPANY
42 Church Street, New York City

Gilbert-Grant Co.,·143 B'way, New York
See adv index at end of book
Lafayette Engineering Co., Lafayette, Ind.
Locomotive Crane Co., Bucyrus, O.
See adv index at end of book
Milton S. G. & Son ("Champion" Portable Crane & Hoist), Franklin, Pa.
New Jersey Foundry & Machine Co. ("Delta"), 89 West, New York
Round D. & Son, Cleveland, O.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
United Engine & Mfg. Co. ("Manley Hilite"), Hanover, Pa.
Zeig F. B. Mfg. Co. ("Panama" on Wheels), Fredericktown, O.

3377a—*Cranes (Portable Shop)

Cameron Engineering Co., E Stroudsburg, Pa. *See adv index at end of book*
Dopp J. W. & Co. (Dealers), 1420 Dime Bk. bldg, Detroit, Mich.

3378— Cranes (Quadrant)

Welin Marine Equip. Co. (Compensating), 305 Vernon av, Long Island City, N. Y.

Cranes (Railroad)

See Cranes, Wrecking

3378a—*Cranes (Railroad Types)

Northern Engineering Works, 9 Chene, Detroit, Mich.
See adv index at end of book

3379— Cranes (Riveting)

Alliance Machine Co., Alliance, O.
Case Crane & Engineering Co., Columbus, O.
MORGAN ENGINEERING CO. (Electric, etc), Alliance, O.
See adv index at end of book
NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book
Whiting Foundry Equipment Co. (Pneumatinc, etc), 157th & Halstead, Chicago, Ill.

3380— Cranes (Soaking Pit)

Morgan Engineering Co, Alliance, O.
See adv index at end of book

3380a— *Cranes (Stacking)

Northern Engineering Works, 9 Chene, Detroit, Mich.
See adv index at end of book

3381— Cranes (Top Braced)

Cleveland Crane & Engineering Co., Box 152, Wickliffe, O.
Euclid Crane & Hoist Co., Euclid, O.

3382—*Cranes (Tower Riveting)

MORGAN ENGINEERING CO., Alliance, O. *See adv index at end of book*

3383— Cranes (Transfer)

Brown Hoisting Machinery Co., 4403 St. Clair, N E, Cleveland, O.
Byers John F. Machine Co., 242 Sycamore, Ravenna, O. *See adv index at end of book*
Case Crane & Engineering Co., Columbus, O.
Cleveland Crane & Engineering Co., Box 152, Wickliffe, O.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Euclid Crane & Hoist Co., Euclid, O.
Gilbert-Grant Co., 143 B'way, New York
See adv index at end of book
Industrial Works (For Station Use in Handling Freight), Bay City, Mich.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Locomotive Crane Co., Bucyrus, O.
See adv index at end of book
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
New Jersey Foundry & Machine Co. 89 West, New York
Pawling & Harnischfeger Co., Milwaukee, Wis.
Roeper Crane & Hoist Works, Reading, Pa.
Shaw Electric Crane Co., 119 W 40, New York
SHEPARD ELECTRIC CRANE & HOIST CO., Montour Falls, N. Y.
See adv index at end of book
Speidel John G., Reading, Pa.
See adv index at end of book
Toledo Bridge & Crane Co., 2500 Dorr, Toledo, O.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.

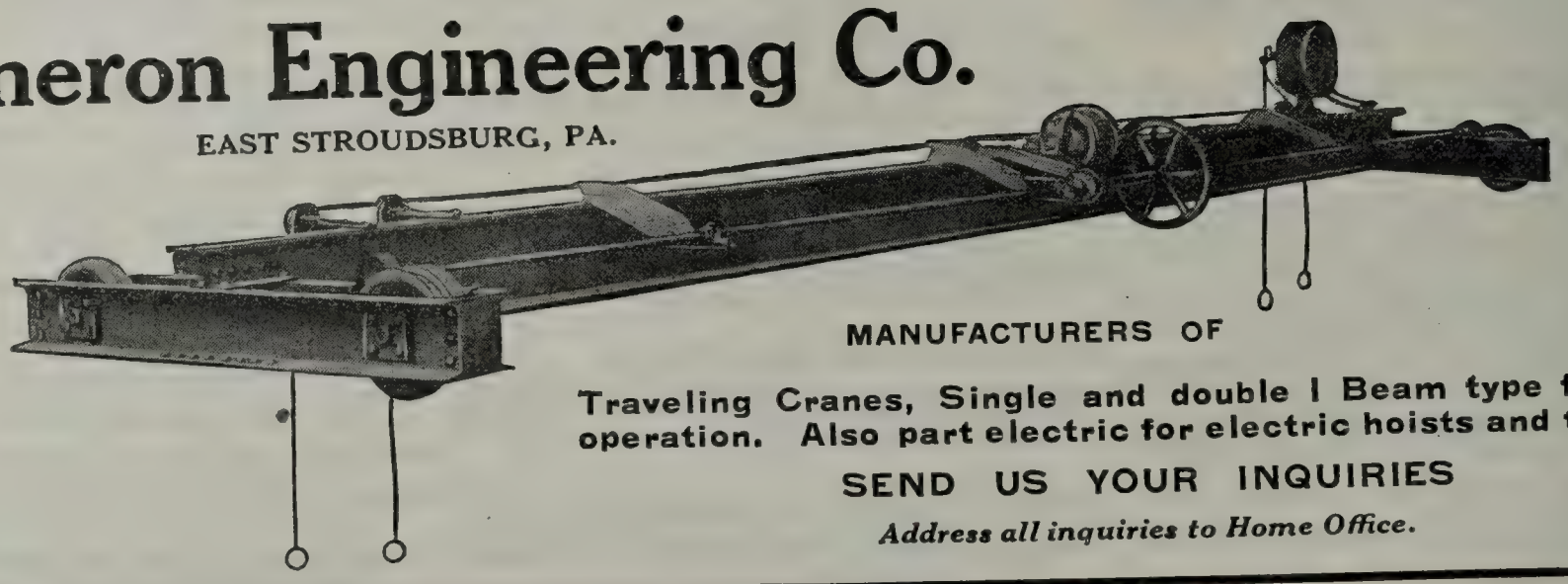
3384— Cranes (Traveling)

See also Cranes, Electric Traveling
Box Alfred & Co. (Hand & Power), 813 N Front, Phila., Pa.
Blethen Hugh R., 21 Park row, New York
Brown Hoisting Machinery Co., 4403 St. Clair, N E, Cleveland, O.
CAMERON ENGINEERING CO. (Hand & Part Electric, Electric Hoists & Trolleys), East Stroudsburg, Pa.
See adv index at end of book
Case Crane & Engineering Co., Columbus, O.
Cleveland Crane & Engineering Co., **Box** 152, Wickliffe, O.
Cleveland Punch & Shear Works Co. (Electric), 3921 St. Clair av, N E, Cleveland, O.
COBURN TROLLEY TRACK MFG. CO. (Hand Power), P. O. Box 721, Holyoke, Mass.
Curtis & Co. Mfg. Co. (For Hand or Pneumatic Power), 1571 Kienlen av, St. Louis, Mo.
DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*
Dillon-Box Iron Works Co., Denver, Col.
Dobbie Foundry & Machine Co. (Hand Power), Main Office & Works: Niagara Falls, N. Y.

Hendricks' Commercial Register

is not a Catalog of Advertisers alone, but a Complete Register of the manufacturers and jobbers in every line of trade that comes within the scope of the work.

Cameron Engineering Co.
EAST STROUDSBURG, PA.



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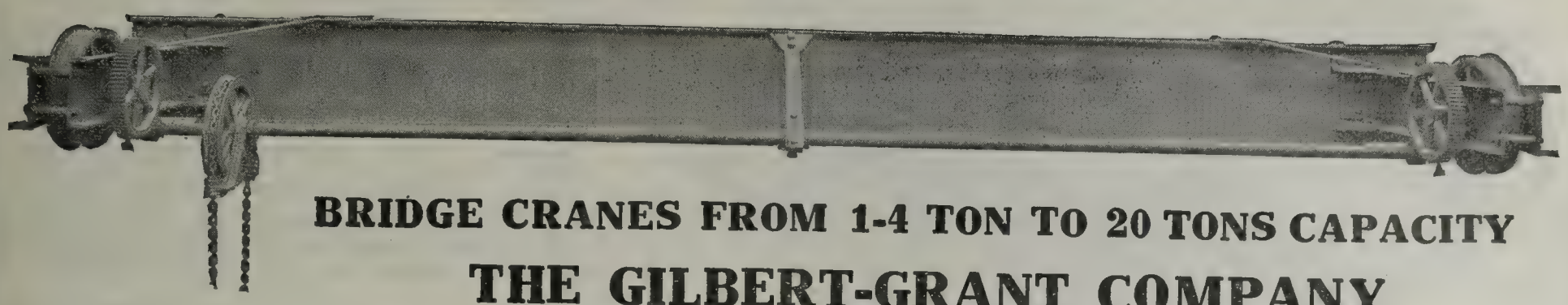

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Euclid Crane & Hoist Co. (Electric), Euclid, O.
Exeter Machine Works, Pittston, Pa.
GILBERT-GRANT CO., 143 B'way, New York
York *See adv index at end of book*
Harrington Edwin Son & Co. (Hand), 17th & Callowhill, Phila., Pa.
Hoisting Machinery Co., 50 Church, New York
Johnston & Jennings Co. (Hand Power), Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
Lane Mfg. Co. ("Anderson" Rope Driven), Montpelier, Vt
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
Locomotive Crane Co., Bucyrus, O.
See adv index at end of book
Morgan Construction Co., Worcester, Mass.
MORGAN ENGINEERING CO. (Electric), Alliance, O. *See adv index at end of book*
New Albany Machine Mfg. Co. (Single Motor, Electric), New Albany, Ind.
New Jersey Foundry & Machine Co. 89 West, New York
NORTHERN ENGINEERING WORKS (Electric & Hand), 9 Chene, Detroit, Mich. *See adv index at end of book*
Osgood Co., Marion, O.
Pawling & Harnischfeger Co. (Electric & Hand Power), Milwaukee, Wis.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Roeper Crane & Hoist Works (Hand Power), Reading, Pa.
Sasgen Derrick Co. ("Sasgen" Hand Power for Stone Yards Laying, Sewer Pipe, etc), 3101 W Grand av, Chicago, Ill.
See adv index at end of book
Shaw Electric Crane Co. (Electric), 119 W 40, New York
Shriver T. & Co. (Electric, etc), Harrison, N. J.
SPEIDEL JOHN G. (Hand Power), Reading, Pa. *See adv index at end of book*
Toledo Bridge & Crane Co., 2500 Dorr, Toledo, Ohio
Whitehead & Kales Iron Works (Hand), Detroit, Mich.
Yale & Towne Mfg. Co. (Hand Power) 9 E 40th, New York

3385— *Cranes (Truck)

Byers John F. Machine Co., 242 Sycamore, Ravenna, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
Locomotive Crane Co., Bucyrus, O.
See adv index at end of book
NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book

3386—Cranes (Water, For Sprinkling Wagons)

Eddy Valve Co., Waterford, N. Y.
Ludlow Valve Mfg. Co. (For Sprinkling Carts, etc), ft of Adams, Troy, N. Y.

3387—Cranes (Water, Locomotive)

See also Water Columns or Stations, Railroad
American Valve & Meter Co. ("Poage's" Automatic), Cincinnati, O.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Locomotive Crane Co., Bucyrus, O.
See adv index at end of book
Sheffield Car Co., Three Rivers, Mich.
Snow T. W. Construction Co. ("Snow-Moore"), 537 S Dearborn, Chicago, Ill.
U. S. Wind Engine & Pump Co., Batavia, Ill.

3388— Cranes (Wrecking)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Browning Co., E. 162nd & Waterlool rd, N E, Cleveland, O.
Bucyrus Co., South Milwaukee, Wis.
Industrial Works (Electric, Steam & Hand Power), Bay City, Mich.
LOCOMOTIVE CRANE CO., Bucyrus, O.
See adv index at end of book
Mount Vernon Car Mfg. Co., Mount Vernon, Ill.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Shaw Elec. Crane Co., 119 W 40th, New York

3389—Crank Turning Device

Hill-Standard Mfg. Co. ("Hill"), Anderson, Ind.

3390— Cranks (Auger)

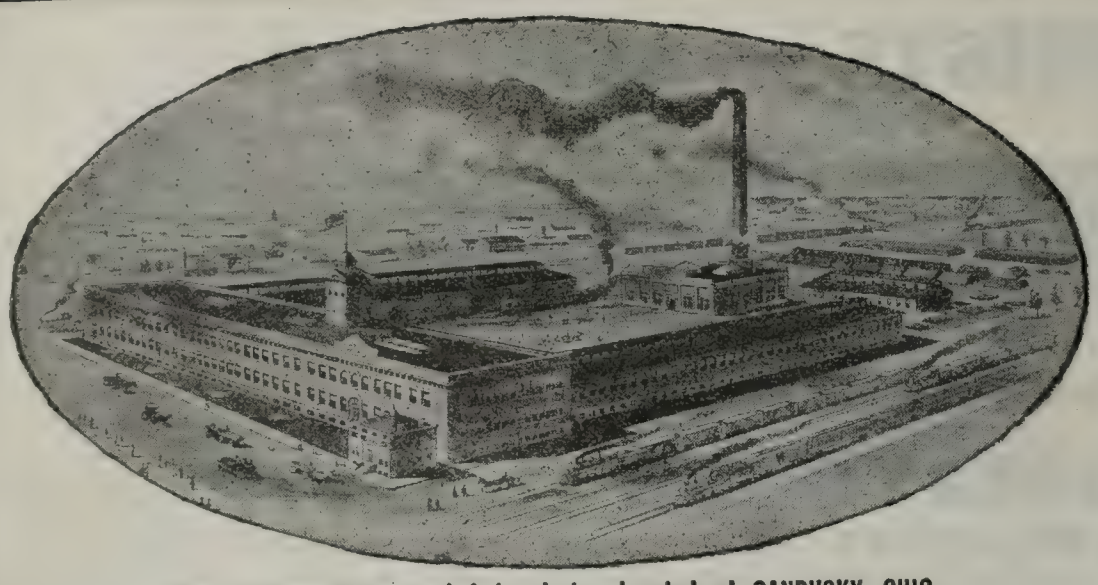
Auer John Jr., 197 Middleton, Brooklyn, N. Y.
Hubbard & Co., Pittsburgh, Pa.

3391— Cranks (Ball)

Cincinnati Ball Crank Co. (Steel), North Oakley, Cincinnati, O.
Cincinnati Screw Co., Twightwee, O.

3392— Crankshafts

See also Crankshafts, Gas Engine; also Crankshafts, Automobile; also Forgings, Various Kinds
Alexander & Cox Co. (Finished), 2358 Ogden, Chicago, Ill.
Allegheny Forging Co., 1st National Bk bldg, Pittsburgh, Pa.
American Forge Works, Denver, Colo.
Atlas Drop Forge Co., Lansing, Mich.
Bay City Forge Co. (Smooth Forged, Finished or Semi-Finished), 1820 Cranberry, Erie, Pa.
Bethlehem Steel Co. (Nickel Steel, etc), South Bethlehem, Pa.
Birdsboro Steel Foundry & Machine Co. (Cast Steel), Birdsboro, Pa.
Bonney-Floyd Co. (Cast Steel), Columbus, O.
Boston Forge Co., E. Boston, Mass.
Braeburn Steel Co. (Steel), Braeburn, Pa.
Brylgon Steel Casting Co. (Cast Steel), New Castle, Del.
Cambria Steel Co. (Steel), Widener bldg, Phila., Pa.
Carbon Steel Co. (Nickel, Steel, etc), ft 32d, Pittsburgh, Pa.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Chester Steel Castings Co. (Cast Steel), Chester, Pa., & 407 Sansom, Phila., Pa.
Crucible Steel Co. of America (Forged & Rough Turned), Oliver bldg, Pittsburgh, Pa.
Driggs-Seabury Ordnance Co., Sharon, Pa.
Ellwood City Forge Co., Ellwood City, Pa.
Erie Forge Co., Erie, Pa.
General Drop Forge Co., Buffalo, N. Y.
Gill P. H. & Sons (Finished), 2 Lorraine, Brooklyn, N. Y.
The Hammond Steel Co., Inc., Solvay, N. Y.
Helmbacher Forge and Rolling Mills Co., Syndicate Trust bldg, St. Louis, Mo.
Horsburgh Forge Co., 17310 St. Clair, Cleveland, O.
Jackson Motor Shaft Co., Jackson, Mich.
Keystone Drop Forge Works (Drop Forged), Chester, Pa.
Kropp Forge Co., 2512 W 21st, Chicago, Ill.
Ladish Drop Forge Co. (Finished & Unfinished), Cudahy, Wis.
Lake Erie Forging Co., Cleveland, O.
Leard William E, New Brighton, Pa.
Leitelt Adolph Iron Works, Grand Rapids, Mich.
Leland-Gifford Co., Worcester, Mass.
McInnes Steel Co., Ltd. (Hammered Steel Forgings), Corry, Pa.
Metal & Thermit Corp. (Welded Repairing), 120 B'way, New York
Michigan Crank Shaft Co., Lansing, Mich.
Midvale Steel & Ordnance Co., Widener bldg, Phila., Pa.
Page, Storms Drop Forge Co. (Drop Forged), Chicopee, Mass.
Park Drop Forge Co., 760 E 79th, Cleveland, O.
Pennington Geo. W. Sons, 1699 Montgomery, San Francisco, Cal.
Pennsylvania Forge Co., Wakeling & Bermuda, Phila., Pa.
Philadelphia Steel & Forge Co., 50 Church, New York
Pollak Steel Co., Carthage, Cincinnati, O.
Reading Iron Co., Reading, Pa.
Richmond Forgings Corporation (Drop Forged), Richmond, Va.
Sizer Forge Co., 238 Larkin, Buffalo, N. Y.
Smith A. O. Co., Milwaukee, Wis.
Standard Gauge Steel Co. (Finished to Order Only), Beaver Falls, Pa.
Sundberg Co., 1024 W Kinzie, Chicago, Ill.
Thurlow Steel Works, Chester, Pa.
Tindel Morris Co. (Steam Forgings, Gas Engine Shaft, Finished Ready for Installation), Eddystone, Pa.
Titusville Forge Co. (Centre Throw), Titusville, Pa.
Transue & Williams Steel Forging Corp., Alliance, O.
Union Drop Forge Co. (Drop Forged Weldless), 358 W Grand av, Chicago, Ill.
Vulcan Iron Works, Wilkes-Barre, Pa.
Western Drop Forge Co. (Drop Forged), P. O. Box 386, Marion, Ind.
Western Tool & Forge Co., Brackenridge, Pa.
Williams J. H. & Co. (Airplane, Automobile & Gas Engine Forgings), 31 Richards, Brooklyn, N. Y.
See adv index at end of book
Wyman-Gordon Co. (Drop Forged), Worcester, Mass.



Gen. Offices, Works and Laboratories, located at SANDUSKY, OHIO

Crayons for Every Purpose

School Crayons, White and Colored, of every description, Hygieia, Dustless Crayons, White and Colored, Lecturers' Crayons, Pastello Crayons, Tailors' Crayons, Textile Mill Crayons, Railroad Crayons, Wax and Oil School and Package Crayons, Hydraulic Pressed Crayons, Lumber Crayons, Metal Workers' Crayons, Marking Crayons, Checking Crayons, Marble Crayons, Leather Crayons, Bowling Alley Crayons, Advertising Crayons, Carpenters' Chalk, Hand Bowling Chalk, Foot Bowling Chalk, Billiard Chalk, White and Colored, Water Color Pencils, Water Color Paints, Hygieia Nest Eggs, Lime Nest Eggs, Hygieia Dust Collector, Lock Cornered Basswood Boxes.

THE AMERICAN CRAYON CO.

1300 HAYES AVE., SANDUSKY, O., U.S.A.

3393—Crankshafts (Automobile)

See also Crankshafts; also Forgings, Drop

Alexander & Cox Co., 2358 Ogden, Chicago, Ill.
American Forge Works, Denver, Colo.
Anderson Forge & Machine Co., Detroit, Mich.
Atlas Drop Forge Co., Lansing, Mich.
Atlas Mfg. Co., Fostoria, O.
Barnett Drop Forging Co., East Hampton, Mass.
Billings & Spencer Co. ("B & S"), Hartford, Conn.
Chicago Drop Forge & Foundry Co., 447 Kensington av, Chicago, Ill.
Chicago Steel Foundry Co., 3701 S Kedzie av, Chicago, Ill.
Cleveland Hardware Co., Cleveland, O.
Detroit Forging Co., 120 Mount Elliott av, Detroit, Mich.
Driggs-Seabury Ordnance Co., Sharon, Pa.
Erie Forge Co. (Drop Forge), Erie, Pa.
Frost Gear & Forge Co., Jackson, Mich.
General Drop Forge Co., Buffalo, N. Y.
Gill P. H. & Sons Co., 2 Lorraine, Brooklyn, N. Y.
Joliet Forge Co., Joliet, Ill.
Krefeld Steel Co. (Imported), 50 Church, New York
Ladish Drop Forge Co., Cudahy, Wis.
Lauer Jno. Machine Co., Detroit, Mich.
Leland-Gifford Co., Worcester, Mass.
Michigan Crank Shaft Co., Lansing, Mich.
Moffat H. R. & J., Waterbury, Conn.
Muskegon Motor Specialties Co., Muskegon, Mich.
National Engineering Co., Saginaw, Mich.
Page Storms Drop Forge Co., Chicopee, Mass.
Park Drop Forge Co. (Vanadium & Other Steel), 760 E 79th, Cleveland, O.
Peninsular Auto Parts Co., Detroit, Mich.
Pennington Geo. W. Sons, 1699 Montgomery, San Francisco, Cal.
Redmond Engineering Co., Drexel bldg, Phila., Pa.
Rhineland Machine Works Co. (Imported), 1737 B'way, New York
Richmond Forgings Corp., Richmond, Va.
Standard Gauge Steel Co., Beaver Falls, Pa.
Sundberg Co., 1024 W Kinzie, Chicago, Ill.
Tindel Morris Co., Eddystone, Pa.
Transue & Williams Steel Forging Corp., Alliance, O.
Union Switch & Signal Co., Swissvale, Pa.
Western Drop Forge Co. (Drop Forged), P. O. Box 386, Marion, Ind.
Western Tool & Forge Co., Brackenridge, Pa.
Williams J. H. & Co. (Forgings), 31 Richards, Brooklyn, N. Y.
See adv index at end of book
Wyman & Gordon Co., 3803 Superior av, Worcester, Mass., & Cleveland, O.

3394—Crankshafts (Gas Engine)

See also Crankshafts: also Forgings, Various Kinds

American Forge Works, Denver, Col.
Anderson Forge & Machine Co., Detroit, Mich.
Atlas Drop Forge Co., Lansing, Mich.
Bay City Forge Co., 1820 Cranberry, Erie, Pa.
Driggs-Seabury Ordnance Co., Sharon, Pa.
Erie Forge Co., Erie, Pa.
Ladish Drop Forge Co., Cudahy, Wis.
Lake Erie Forging Co., Cleveland, O.
Lakeside Forge Co., Erie, Pa.
Lauer Jno. Machine Co., Detroit, Mich.
Page Storms Drop Forge Co., Chicopee, Mass.
Park Drop Forge Co., 760 E 79th, Cleveland, O.
Rockford Drop Forge Co., Rockford, Ill.
Sizer Forge Co., 238 Larkin, Buffalo, N. Y.
Standard Gauge Steel Co., Beaver Falls, Pa.
Tindel Morris Co. (Finished), Eddystone, Pa.
Titusville Forge Co. (Also Corliss & Diesel Engines), Titusville, Pa.
Union Drop Forge Co. (Drop Forged Weldless), 368 W Grand av, Chicago, Ill.
Western Drop Forge Co. (Drop Forged), P. O. Box 386, Marion, Ind.
Williams J. H. & Co. (Forgings), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

3395— Crates

Bacon & Co. (Bushel), Gasport, N. Y.
Beach & Fuller Co. (Vegetable), Evansville, Ind.
Beaufort Veneer & Package Co. (Cabbage), Beaufort, S. C.
Beers R. E. Lumber Co. ("Ship-Safe" Tire), Trenton, N. J.
Chicago Mill & Lumber Co., 111 W Washington, Chicago, Ill.
Dodge & Bliss Co., W End, Jersey City, N. J.
Forrester-Nace Box Co., 80 Wyoming, Kansas City, Mo.
Kalamazoo Tank & Silo Co. (Bushel), Kalamazoo, Mich.
Krause C. H. Lbr. Co., Antigo, Wis.
Montgomery Bros. & Co., Buffalo, N. Y.
Morrison Frank (Apple), Marion, N. Y.
Odell & Eddy Co. (Celery), Chaffee, N. Y.
Owosso Mfg. Co., Owosso, Mich.
Pelican Box Factory, Miro & Julia, New Orleans, La.
Pierpont Mfg. Co. (Fruit), Savannah, Ga.
Richards O. S. Inc., 87 34th, B'klyn, N. Y.
Roseland Veneer & Package Co., Ltd. (Vegetable), Roseland, La.
Rugg Mfg. Co. (Delivery, Fruit & Show), Greenfield, Mass.
Specialty Box Mfg. Co. (Folding), Portland, Ore.
Sweet B. F. & H. L. Co., Fond du Lac, Wis.
Thorp A. & Son Crate Co., Roseville, O.
Troy Veneer & Crate Co., Troy, Ala.
Vance E. J. Box Co., Ltd., Bay City, Mich.
Vandergrift Box Co., Vandergrift, Pa.

3396—Crates (Automobile Tire)

Alderfer F. G. & Co., Sharon Center, O.
Steele-Alderfer Co., Cuyahoga Falls, O.

3397— Crates (Egg)

New England Box Co. ("Gardner"), Greenfield, Mass.
Star Egg Carrier & Tray Mfg. Co., Rochester, N. Y.

3397a— Crates (Wooden)

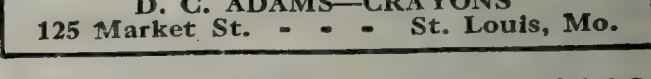
Estes E. B. & Sons, 364 5th av., New York
See adv index at end of book

3398— Crayon Mfrs.

See also Crayons & Pencils, Metal Works; also Pencil Manufacturers

ADAMS D. C. CRAYON CO., 125 Market, St. Louis, Mo.
See adv index at end of book

GENUINE (Talc) SOAPSTONE CRAYONS
For Iron and Steel, Metal and Copper Workers.



One Adams Crayon Holder sent free with each gross quarter inch round or square Talc Soapstone Metal Workers' Crayons.

D. C. ADAMS—CRAYONS
125 Market St. - - - St. Louis, Mo.

AMERICAN CRAYON CO. (All Kinds for All Purposes), 1300 Hayes av, Sandusky, O., & Waltham, Mass.
See adv index at end of book
American Lava Co. (Fdry.), Chattanooga, Tenn. *See adv index at end of book*
American Lead Pencil Co. (Colored), 220 5th av, New York
BINNEY & SMITH CO. (Marking, School & Artists'), 81 Fulton, New York
Cohutta Talc Co. (Blackboard), Dalton, Ga.
Dixon Joseph, Crucible Co. ("Dixon's" Graphite, Metal Workers', Colored), Jersey City, N. J.
Doggett Stanley (Soapstone), 11 Cliff, New York
Eagle Pencil Co. (Colored), 703 E 13th, New York
Faber Eberhard (Colored), 200 5th av, New York
Georgia Talc Co. (Talc), Asheville, N. C.
Gregory Talc Blackboard & Crayon Co., Nashville, Tenn.
Howe Mill Crayon Co. (Mill), Lowell, Mass.
Korn William (Marking & Lithographic), 120 Centre, New York
Lowell Crayon Co. (Mill & Metal Workers'), Lowell, Mass.
National Crayon Co., West Chester, Pa.
Nevins Samuel Co. (Importer, French Chalk & Talc), 109 S 2d, Phila., Pa.
New England Quartz Co. of N. Y. (Talc), 107 William, New York
New York Silicate Book Slate Co. (Silicate), 24 Vesey, New York
North Carolina Talc & Mining Co. (Talc), Hewitts, N. C.
Standard Crayon Mfg. Co. ("Falcon," "Standard." "Omega," "Bonanza," "China Maker," "Tanners," "Red Seal," & "Crest Light"), Danvers, Mass.
Steward D. M. Mfg. Co. ("Compo," Dustless), Chattanooga, Tenn.
Zelnicker Crayon Works, St. Louis, Mo.

3399—*Crayons (Advertising)

AMERICAN CRAYON CO., 1300 Hayes av, Sandusky, O.
See adv index at end of book

3400—*Crayons (Bowling Alley)

Adams D. C. Crayon Co., 125 Market, St. Louis, Mo. *See adv index at end of book*
AMERICAN CRAYON CO., 1300 Hayes av, Sandusky, O., & Waltham, Mass.
See adv index at end of book

3401— *Crayons (Checking)

Adams D. C. Crayon Co., 125 Market, St. Louis, Mo.
See adv index at end of book
AMERICAN CRAYON CO., 1300 Hayes av, Sandusky, O.
See adv index at end of book

3402— *Crayons (Colored)

Adams D. C. Crayon Co., 125 Market, St. Louis, Mo.
See adv index at end of book
AMERICAN CRAYON CO., 1300 Hayes av, Sandusky, O., & Waltham, Mass.
See adv index at end of book

3403—*Crayons ("Crayograph" & "Crayonast")

AMERICAN CRAYON CO., 1300 Hayes av, Sandusky, O.
See adv index at end of book

3404—*Crayons (Dustless, White & Colored)

AMERICAN CRAYON CO. (Hygieia), 1300 Hayes av, Sandusky, O., & Waltham, Mass. *See adv index at end of book*

3405— *Crayons (Leather)

AMERICAN CRAYON CO. ("Beacon"), 1300 Hayes av, Sandusky, O., & Waltham, Mass.
See adv index at end of book

3406—*Crayons (Lecturers')

AMERICAN CRAYON CO., 1300 Hayes av, Sandusky, O., & Waltham, Mass.
See adv index at end of book

3407— Crayons (Lumber)

Adams D. C. Crayon Co., 125 Market, St. Louis, Mo.
See adv index at end of book
AMERICAN CRAYON CO. ("Acme"), 1300 Hayes av, Sandusky, O., & Waltham, Mass.
See adv index at end of book
Chrystal Chas. B., 13 Cliff, New York
See adv index at end of book
Dixon Joseph Crucible Co., Jersey City, N. J.
Franklin Crayon Co., Rochester, N. Y.
Standard Crayon Mfg. Co., Danvers, Mass.
Zelnicker Crayon Works, ("Elson," "Zelnicker"), St. Louis, Mo.

3408— *Crayons (Marble)

AMERICAN CRAYON CO., 1300 Hayes av, Sandusky, O., & Waltham, Mass.
See adv index at end of book

3409— *Crayons (Pastello)

AMERICAN CRAYON CO., 1300 Hayes av, Sandusky, O., & Waltham, Mass.
See adv index at end of book

3410— *Crayons (Railroad)

Adams D. C. Crayon Co., 125 Market, St. Louis, Mo.
See adv index at end of book
AMERICAN CRAYON CO., 1300 Hayes av, Sandusky, O., & Waltham, Mass.
See adv index at end of book

3411— *Crayons (School)

AMERICAN CRAYON CO. (White & Colored), 1300 Hayes av, Sandusky, O., & Waltham, Mass.
See adv index at end of book

3412—Crayons (Tailors' Wax)

AMERICAN CRAYON CO., 1300 Hayes av, Sandusky, O.
See adv index at end of book
Goebel J. & Co., (Imp), 129 Maiden la, New York
Marty F. & Co., Syracuse, N. Y.

3413—*Crayons (Wax & Oil, School & Package)

Adams D. C. Crayon Co., 125 Market, St. Louis, Mo. *See adv index at end of book*
AMERICAN CRAYON CO., 1300 Hayes av, Sandusky, O., & Waltham, Mass.
See adv index at end of book

3414—Crayons & Pencils (Metal Workers', Etc.)

ADAMS D. C. CRAYON CO., 125 Market, St. Louis, Mo.
See adv index at end of book
AMERICAN CRAYON CO., 1300 Hayes av, Sandusky, O., & Waltham, Mass.
See adv index at end of book
American Lava Co., Chattanooga, Tenn.
See adv index at end of book
Binney & Smith Co., 81 Fulton, New York
Chrystal Chas. B., 13 Cliff, New York
See adv index at end of book

STANDARD FOR 21 YEARS

TALCUT CRAYONS

FLAT SQUARE ROUND

TalcMetalWorkers'Crayons Sawed from Solid Rock Not Composition

HARD STRONG DURABLE

LUMBER CRAYONS NONE BETTER MADE

Charles B. Chrystal
13 CLIFF ST. - NEW YORK

Cohutta Talc Co. (Talc Soapstone), Dalton, Ga.
Dixon Joseph Crucible Co. ("Dixon's" American Graphite or Soapstone), Jersey City, N. J.
Doggett Stanley (Soapstone & Talc, "Peerless" & "Perfection" Brands), 11 Cliff, New York
Franklin Crayon Co., Rochester, N. Y.
Gregory Talc Blackboard & Crayon Co., Nashville, Tenn.
Korn Wm. ("Korn's," for Hot or Cold Metal), 120 Center, New York
Lowell Crayon Co., Lowell, Mass.
Nevins Sam'l Co. (Talc & French Chalk), 109 S 2d, Phila., Pa.
Standard Crayon Mfg. Co., Danvers, Mass.
Steward D. M. Mfg. Co. ("Compo"), Chattanooga, Tenn.
Zelnicker Crayon Works ("Steelmark"), St. Louis, Mo.

3415— Cream Tartar

Fuller Ralph L. & Co., Inc., 2 Rector, New York. *See adv index at end of book*

THE HARSHAW FULLER & GOODWIN COMPANY

CLEVELAND NEW YORK PHILADELPHIA

Pfizer Chas. & Co., 81 Maiden la, New York
Worden Chemical Works ("Tartarline" Substitute), 4 Cedar, New York

3416-7—Creamers (Cabinet & Elevator)

Vermont Farm Machine Co. ("Cooley"), Bellows Falls, Vt.

Creamery Apparatus & Supplies

3418—Creasers (Leather, Etc.)

Osborne C. S. & Co. (Harness Makers, etc), Harrison, N. J.

3419— Creepers (Anti-Rail)

Belle City Malleable Iron Co. ("L. & S."), Racine, Wis.
Cleveland Frog & Crossing Co. ("Prentice"), Cleveland, O.
Cleveland Railway Supply Co. (Combination Tie Plates & Anti-Rail Creepers), Cleveland, O.
Creepcheck Co. ("Dinklage Creepchecks"), 81 Fulton, New York
Oliver Iron & Steel Co. (Anti-Creeper Device), S 10th & Muriel, Pittsburgh, Pa.
P. & M. CO. ("P. & M.," Boltless, "Vaughan," "Henggi"), 80 E Jackson blvd, Chicago, Ill.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Wharton Wm. Jr. & Co. Inc., Easton, Pa.

3420— Creepers (Auto)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Faw J. H. (Inc.) ("Faw"), 41 Warren, New York
Keystone Wire Matting Co. ("Keystone"), Beaver Falls, Pa.
La Porte Mat & Mfg. Co. ("Hercules"), La Porte, Ind.
Lewis-Geer Mfg. Co., Ypsilanti, Mich.
Milwaukee Auto Specialty Co., 711 Chestnut, Milwaukee, Wis.
Rice & Dayton Mfg. Co., Cedar Falls, Iowa

3421— Creepers (Ice)

Gay Geo. E., Augusta, Me.
Gifford-Wood Co., Hudson, N. Y.
Holderbaum Jas. B. & Son ("Reliance"), Somerset, Pa.
Hubbell Ray & Co. ("Arnold"), Northville, N. Y.
Rapp Philip ("Victor"), Reading, Pa.
Reading Saddle & Mfg. Co. ("Anti-Slip"), Reading, Pa.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Thomson Judson L. Mfg. Co. ("Never-Slip"), Roberts Station, Waltham, Mass.
Union Hardware Co., Torrington, Conn.
Warren J. M. & Co. ("Bowin's Featherweight"), Troy, N. Y.
West Chas. F. (Flat Spring Steel), 3861 Lancaster av, Phila., Pa.

3422— Creosote (Coal Tar)

Armitage Mfg. Co., Richmond, Va.
Barclay Naval Stores Co. (Jobbers), 44 Whitehall, New York
Barrett Co., 17 Battery pl, New York
Bayway Chemical Co., Elizabeth, N. J.
CARBOLINEUM WOOD PRESERVING CO. of N. Y., 41 Greene, New York
Denver Gas & Electric Light Co., Denver, Colo.
National Aniline & Chemical Co., Inc., 21 Burling sl, New York
Vesuvius Crucible Co., Swissvale, Pa.

3422a—*Creosote (Dark, Refined & Disinfectant)

Du Pont Chemical Works, 120 B'way, New York

3423— Creosote (Wood)

Forest Products Co. ("Pinesote"), 1213 Whitney, New Orleans, La.
Pensacola Tar & Turpentine Co., Gull Point, Fla.
White Tar Co., John & Cliff, New York

3424— Creosoting Works

See also Wood Preservatives

American Creosote Works, Southport, New Orleans, La.
American Creosoting Co., 17 Battery pl, New York. Works: Newark, N. J.
American Creosoting Co., Louisville, Ky.

CREOSOTING WORKS—continued
Atlantic Creosoting & Wood Preserving Works, Norfolk, Va.
Ayer & Lord Tie Co., 80 E Jackson blvd, Chicago, Ill.
Barber Asphalt Paving Co. (Dead Oil of Coal Tar Process), Land Title bldg, Phila., Pa.
Chicago Creosoting Co., Waukegan, Ill.
Colman J. M. Co., Seattle, Wash.
Colonial Creosoting Co., Louisville, Ky.
Columbia Creosoting Co., Portland, Ore.
Compressed Wood Preserving Co., Spring Grove & Station avs, Winton pl, Cincinnati, O.
Eppinger & Russell Co., 165 B'way, New York
Federal Creosoting Co., Louisville, Ky.
Galveston Creosoting Co. (Bridge Timbers, Ties, etc.), Galveston, Tex.
Gulfport Creosoting Co., Gulfport, Miss.
Indiana Creosoting Co., Louisville, Ky.
Indiana Zinc Creosoting Co. (Zinc Creosoting), Terre Haute, Ind.
International Creosoting & Construction Co., Galveston, Tex.
Jennison-Wright Co., Toledo, Ohio
Kettle River Co., Plymouth bldg, Minneapolis, Minn.
Louisiana Creosoting Co., Winnifield, La.
Michigan Pipe Co., Bay City, Mich.
Michigan Wood Preserving Co., Pittsburgh, Pa.
National Lumber & Creosoting Co., Texarkana, Ark.
Norfolk Creosoting Co., Norfolk, Va.
Ohio Wood Preserving Co., Century bldg, Pittsburgh, Pa.
Pacific Creosoting Co., Seattle, Wash.
Pittsburgh Wood Preserving Co., Century bldg, Pittsburgh, Pa.
Puget Sound Wood Preserving Co., Lowell, Wash.
Republic Creosoting Co., Merchants Bk. bldg, Indianapolis, Ind.
St. Paul & Tacoma Lumber Co., Tacoma, Wash.
Shreveport Creosoting Co., Louisville, Ky.
Southern Creosoting Co., Ltd., Slidell, La.
Southern Wood Preserving Co., Atlanta, Ga.
U. S. Wood Preserving Co., 165 B'way, New York
Western Wood Preserving Co., Spokane, Wash.
Wyckoff Pipe & Creosoting Co., 30 E 42d, New York

3425— Cresol Manufacturers

Amerman & Patterson (Imp.), 21 State, New York
DANA & CO., INC., 111 B'way, New York
See adv index at end of book
Klipstein A. & Co. (Imp.), 644 Greenwich, New York
Merck & Co. (Imp.), 45 Park pl, New York
National Aniline & Chemical Co., Inc. (Imp.), 21 Burling slip, New York
Roessler & Hasslacher Chemical Co. (Imp.), 100 William, New York
Squibb E. R. & Sons (Imp.), 78 Beekman, New York
White Tar Co. (Imp.), 4 Cliff, New York

3425a— Cresol (Ortho)

DANA & CO., INC., 111 B'way, New York
See adv index at end of book

Crestings (Terra Cotta)

See Roofing Tile, Terra Cotta

3426—Crestings & Finials (Iron)

Barnum E. T. Wire & Iron Works (Iron), 864 Woodward, Detroit, Mich.
Roanoke Iron & Bridge Wks., Roanoke, Va.
Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
Dearborn Fdry. Co., 1922 Archer av, Chicago, Ill.
Gensel Fred & Co., 911 Vine, Phila., Pa.
Jackson Wm. H. Company, 2 W 47th, New York
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
Mott J. L. Iron Works, Trenton, N. J.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Wells Architectural Iron Co., River av & 151st, New York
Winslow Bros. Co., 4600 Harrison, Chicago, Ill.

3427—Crestings & Finials (Sheet Metal)

Canton Art Metal Co., Canton, O.
Decatur Cornice & Roofing Co., New Decatur, Ala.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Eller Mfg. Co., Canton, O.
Gara, McGinley Co., 23 S 17th, Phila., Pa.
Goshen Cornice Works, Goshen, Ind.
Hergert Theo., 422 E 53d, New York
Jones Thomas W., 153 Maiden la, New York
Kanneberg Roofing & Ceiling Co., Canton, O.
Klauer Mfg. Co., Dubuque, Ia.
Martin Metal Mfg. Co., Wichita, Kan.
Merchant & Evans Co., 2035 Washington av, Phila., Pa.
See adv index at end of book
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Messenger & Parks Mfg. Co., Aurora, Ill.
Milwaukee Corrugating Co., Milwauee, Wis.
NATIONAL SHEET METAL ROOFING CO., 339 Grand, Jersey City, N. J.
See adv index at end of book
Ohio Corrugating Co., Warren, O.
Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
Souther E. E. Iron Co., Klenlin & Hamburger, St. Louis, Mo.
Van Noorden E. & Co., 100 Magazine, Boston, Mass.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.
Willis Mfg. Co., Galesburg, Ill.

3428— Cribbage Boards

Gorham H. W., E. Norwalk, Conn.
Grote F. & Hubbell Co., 82 4th av, New York

3429—*Crimpers (Aerial Rings)

DIAMOND EXPANSION BOLT CO. ("Diamond"), 89 West, New York
See adv index at end of book

3430— *Crimpers (Cap)

HERCULES POWDER CO. ("Hercules"), Wilmington, Del.
See adv index at end of book

3431— Crimpers (Pie)

Hamblin & Russell Mfg. Co., Worcester, Mass.
National Mfg. Co. ("Natwire"), Worcester, Mass.

3432— Crinoline

American Hair Cloth Co., Pawtucket, R. I.
Griswoldville Mfg. Co., Griswoldville, Mass.
Irving Mfg. Co., 23 Jersey, New Brighton, S. I., N. Y.
McLean Andrew Co., Passaic, N. J.
North Scituate Cotton Mills, N Scituate, R. I.
Palmer I. E. Co., Middletown, Conn.

3433— Crockery

Cannonsburg Pottery Co., Canonsburg, Pa.
Canton Clay Products Co., Canton, O.
Carrollton Pottery Co., Carrollton, O.
Cartwright Bros. Co., East Liverpool, O.
Cook Pottery Co., Trenton, N. J.
Crown Potteries Co., Evansville, Ind.
French China Co., Sebring, O.
Greenwood Pottery Co., Trenton, N. J.
Harker Pottery Co., East Liverpool, O.
International Pottery Co., Trenton, N. J.
Knowles Edwin M. China Co., East Liverpool, O.
Knowles, Taylor & Knowles Co., East Liverpool, O.
Laughlin Homer China Co., East Liverpool, O.
Leopold J. & Co., 101 Hanover, Baltimore, Md.
Lilienthal Crockery Co., Atlanta, Ga.
McNicol D. E. Pottery Co., East Liverpool, O.
Mayer China Co., Beaver Falls, Pa.
Mercer Pottery Co., Trenton, N. J.
National China Co., Salineville, O.
Onondaga Pottery Co., Syracuse, N. Y.
Owens J. B. Floor & Wall Tile Co., Zanesville, O.
Pace Bros. & Sons, Roseville, O.
Ransbottom Bros. Pottery Co., Roseville, O.
Robinson Clay Product Co. (Pottery), Akron, O.
Roseville Pottery Co., Zanesville, O.
Salem China Co., Salem, O.
Sebring E. H. China Co., Sebring, O.
Smith-Phillips China Co., East Liverpool, O.
Standard Pottery Co., East Liverpool, O.
Steubenville Pottery Co., Steubenville, O.
Summit China Co., Akron, O.
Taylor, Smith & Taylor Co., East Liverpool, O.
Thompson C. C. Pottery Co., East Liverpool, O.
Vodrey Pottery Co., East Liverpool, O.
Warwick China Co., Wheeling, W. Va.
Weller S. A., Zanesville, O.
Wellsville China Co., Wellsville, O.
West End Pottery Co., East Liverpool, O.

3434— Crocus Martis

Chrystal Charles B. (Imp), 13 Cliff, New York. *See adv index at end of book*
Hanson & Van Winkle Co., 269 Oliver, Newark, N. J.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Waddell R. J. & Co. (Imp), 52 Beekman, New York
Wiarda John C. & Co. (Jobbers), 273 Greene, Brooklyn, N. Y.

3435— Croquet Sets

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Garton Toy Co., Sheboygan, Wis.
Rademaker H. & Sons, Grand Rapids, Mich.
Roy Bros., East Barnet, Vt.
Saginaw Wood Products Co. (Croquet Pool), Gaylord, Mich.
Selchow & Righter Co., 620 B'way, New York
South Bend Toy Mfg. Co., So Bend, Ind.

3436—Cross Arms, Brackets, Etc. (Iron & Steel)

American Bridge Co., 30 Church, New York
Belmont Iron Works, 22d & Washington av, Phila., Pa.
Bissell F. Co. ("Security," Angle Iron), Toledo, O.
Brady Electric Mfg. Co., New Britain, Conn.
Creaghead Engineering Co. ("Flexible" and Malleable Iron), 340 Main, Cincinnati, O.
Cutter Geo. Co., South Bend, Ind.
Diamond Steel Pole Co., Land Title bldg, Phila., Pa.
Eastern Malleable Iron Co. ("Beardsley" Malleable Iron), Naugatuck, Conn.
Electric Railway Equipment Co., Cincinnati, O.
Electric Service Supplies Co. ("Keystone"), 17th & Cambria, Phila., Pa.
Electrical Construction Supply Co. ("Chubbuck"), Springfield, O.
Electrical Engineers Equipment Co., 711 Meridian, Chicago, Ill.
Empire Galvanizing Co. (Galvanized), 2507 E Cumberland, Phila., Pa.
Hall Frank B. Co. (Pressed Steel Brackets), Newton Falls, O.
Hallett Iron Works, Harvey, Ill.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Hammond-Byrd Iron Co., 1712-1719 Am. Trust bldg, Birmingham, Ala.
Heltzel Steel Form & Iron Co., Warren, O.
See adv index at end of book
Hubbard & Co. (" Bo-Arrow" Galvanized), 63d & Butler, Pittsburgh, Pa.
Illinois Malleable Iron Co. (Malleable Iron), 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
Lanz M. & Sons (Steel Angle), 2907 Carson, Pittsburgh, Pa.
Michigan Bolt & Nut Works, Detroit, Mich.
Mitchell-Tappen Co., 15 John, New York
Morris Elmer P. Iron Works, 136 Liberty, New York
Morris Iron & Steel Co., Frederick, Md.
Newhall Chain, Forge & Iron Co., 89 West, New York
Ohio Brass Co. (Brackets only), Mansfield, O.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

Phila. Electrical & Mfg. Co., 1236 N 31st, Phila., Pa.
Pittsburgh Trolley & Forge Co., Pittsburgh, Pa.
St. Louis Malleable Casting Co. (Malleable Iron), 7701 N Conduit av, St. Louis, Mo.
Specialty Device Co. (Charcoal Iron Cross Arms), 112 W 3rd, Cincinnati, O.
Thomas R. & Sons Co. ("Byllesby," Wishbone Cross Arms), East Liverpool, O.

Cross Arms (Creosoted)

See Creosoting Works

3437— Cross Arms (Wood)

See also Insulator Pins & Brackets

American Creosote Works (Creosote), Southport, New Orleans, La.
Ameiracn Line Materials Co. (Fir, Yellow Pine, Cypress, etc.), 332 S. Michigan av, Chicago, Ill.
Anguera Lumber & Tie Co., 111 W Washington, Chicago, Ill.
Barnes-Lindsley Mfg. Co., Portland, Ore.
Brower Co. (Kyanized Spruce), Portland, Me.
Berthold & Jennings Lumber Co., Wright bldg, St. Louis, Mo.
Bissell F. Co. (Yellow Pine & Fir Cross Arms & Locust Pins), Toledo, O.
Bruton J. C., Fayetteville, N. C.
California Pole & Piling Co., San Francisco, Cal.
Carolina Cross Arm Co. (Yellow Pine), Elkin, N. C.
Central Mfg. Co. (Yellow Pine Brackets, Cross Arms & Pins), Chattanooga, Tenn.
Clark A. F. Lumber Co., Peabody, Mass.
Cohn & Bock Co. (Yellow Pine Cross Arms, Oak Insulator Pins & Brackets), Princess Anne, Md.
Compressed Wood Preserving Co. (Creosoted), Spring Grove & Station avs, Winton pl, Cincinnati, O.
Doty Lumber & Shingle Co., Doty, Wash.
Eastern R'way & Lumber Co., Centralia, Wash.
Estes E. B. & Sons, 364 Fifth av, New York. *See adv index at end of book*
Frye J. Marshall Co., Hattiesburg, Miss.
Gulf Arm & Creosoting Co., Hattiesburg, Miss.
Gulfport Creosoting Co., Gulfport, Miss.
Houston & Liggett (Live & White Oak, Gum & Elumn Insulator Pins), Houston, Tex.
International Creosoting & Construction Co. (Creosoted), Galveston, Tex.
Joslyn Mfg. & Supply Co., Chamber of Commerce bldg, Chicago, Ill.
Lindsley Bros. Co., 72 W Adams, Chicago, Ill.
Louisiana Red Cypress Co., Hibernia Bk bldg, New Orleans, La.
McCormick Lumber Co., McCormick, Wash.
Mueller Wm. & Co., 332 S Michigan, Chicago, Ill.
Norfolk Creosoting Co. (Creosoted), Norfolk, Va.
Pettingell-Andrews Co. ("Exemplar"), 166 Pearl, Boston, Mass.
Pilliod Lumber Co., Swanton, O.
Roper J. L. Lumber Co. (White Cedar or Juniper), Norfolk, Va.
St. Paul & Tacoma Lumber Co. (Creosoted), Tacoma, Wash.
Southern Creosoting Co., Ltd. ("Creosoted"), Slidell, La.
Southern Exchange Co. (Georgia Pine Cross Arms), 97 Warren, New York
Southern Pine Mfg. Co. (Yellow Pine), Paducah, Ky.
Southern Wood Preserving Co. ("Creosoted"), Atlanta, Ga.
Tidewater Cross Arm & Conduit Co. (Fir), Tacoma, Wash.
Union Railway Supply Co., Real Estate Tr. bldg, Phila., Pa.
Voncanon J. B. & Bro., West End, N. C.
Vreeland B. F. (Yellow Fir), Denver, Colo.
Williams F. B. Cypress Co., Ltd. (Cypress), Patterson, La.

3438—Cross Bars (For Goosenecks)

Riverside Foundry & Galvanizing Co., Kalamazoo, Mich.

Cross Ties

See Ties, Poles & Posts

3439—Crosses (Pipe Fitting)

Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Jarecki Mfg. Co. (Malleable), Erie, Pa.
Kuhns Bros. (Cast Iron), Dayton, O.
LUNKENHEIMER CO. (Brass), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Powell Wm. Co. (Brass), Cincinnati, O.
Sherman H. B. Mfg. Co. (Brass), Battle Creek, Mich.
Walworth Mfg. Co. (Brass, Cast & Malleable Iron), Boston, Mass.

3439a— *Crosses (Wooden)

ESTES E. B. & SONS, 364 5th av, New York. *See adv index at end of book*

Crossings (Railway)

See Frogs, Switches, Crossings, etc

3440— Crow Bar Mfrs.

Wedge or Pinch Point

Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.
Beall Bros. (Inc) (Pinch or Wedge Point, etc), Alton, Ill.
Collins Co., Collinsville, Conn.
Crescent Novelty Mfg. Co., 703 S B'way, St. Louis, Mo.
Evansville Tool Works (Pinch & Wedge Point), Evansville, Ind .
Fulton Tool Works (Miners), Canal Fulton, O.
Hardsocg Martin Co. (Miners), 922 South av, Pittsburgh, Pa.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Iron City Tool Works, Ltd., 3201 Smallman, Pittsburgh, Pa.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.
Logan Iron & Steel Co., Morris bldg, Phila., Pa.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Union Drop Forge Co., 358 W Grand av, Chicago, Ill.
Warren Tool & Forge Co., Warren, O.
Warwood Tool Co., Warwood, Wheeling, W. Vo.

3441— Crozers (Coopers')

White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

3442— Crucible Mfrs.

Acheson Graphite Co. (Graphite, for High Temperature Work), Niagara Falls, N. Y.
American Oil & Supply Co. ("Burns," for Dentists & Mfg. Jewelers, also Safety Crucibles), 52 Lafayette, Newark, N. J.
Atlantic Terra Cotta Co., 1170 B'way, New York
Baker & Co. (Platinum), 54 Austin, Newark, N. J.
Bartley Jonathan Crucible Co. (Graphite), Trenton, N. J.
Bay State Crucible Co., Taunton, Mass.
Berge J. & H. (Imp), 95 John, New York
Bridgeport Crucible Co. (Black Lead, Clay Lined), Bridgeport, Conn.
Denver Fire Clay Co. (Jobbers), Denver, Colo.
Dixon Joseph, Crucible Co. ("Dixon's"), Jersey City, N. J.
Eimer & Amend (Importers), 205 3rd av, New York
FOREIGN CRUCIBLES LTD. (Importers), Church & Fulton, New York
See adv index at end of book
Gautier J. H. & Co. (Black Lead), 1 Greene, Jersey City, N. J.
General Platers' Supply Co. (imptrs graphite), 489-493 Broome, New York
Goebel J. & Co. (Importers), 129 Maiden la, New York
Guernsey Earthenware Co. (Porcelain), Cambridge, O.
Heil Henry Chemical Co. ("Battersea," Imported), St. Louis, Mo.
Kelly Derby Co., People's Gas bldg, Chicago, Ill.
McCullough-Dalzell Crucible Co., 36th & A. V. RR., Pittsburgh, Pa.
National Carbon Co. (Made From Carbon), Madison av N W & W 117th, Cleveland, O.
Ohio Pottery Co. ("Ohio" Porcelain, Glazed Inside and Out), Zanesville, O.
See adv index at end of book
Ross-Tacony Crucible Co., Robins & Milner, Phila., Pa.

CLASSIFICATIONS which are marked thus (*) are not Standard Classifications and are only used for those concerns who advertise or pay for Bold Face Listings. Other concerns in similar lines of business will always be found under the Standard Classifications.

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65 Heats in No. 10 on Gold
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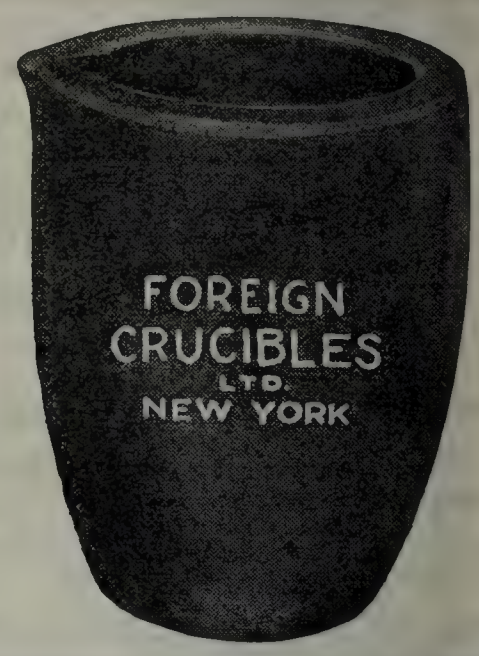

CRUCIBLE MANUFACTURERS—cont'd

Seidel B. (Inc.), (Black Lead), 1322 Callowhill, Phila., Pa.
Taunton Crucible Works (Pure Ceylon Graphite), Taunton, Mass.
Taylor Robert J. (Inc.), 1900 Callowhill, Phila., Pa.
Thermal Syndicate Ltd., 50 E 41st, New York
Woodison E. J. Co. (Brass-Steel), Detroit, Mich.
Woods-Lloyd Co., S 30th & Jane, Pittsburgh, Pa.

Crucible Steel

See Steel, Crucible

3443-4—*Crucible Tongs & Shanks

NORTHERN ENGINEERING WORKS (For Brass Foundries), 9 Chene, Detroit, Mich. *See adv index at end of book*

3445—*Crucibles (Graphite)

FOREIGN CRUCIBLES LTD. (Importers), Church & Fulton, New York *See adv index at end of book*

3446— Crucibles (Iron)

Duriron Castings Co. (Acid Proof), Dayton, O.

Crucibles (Platinum)

See Platinum Crucibles & Dishes

3447— *Crucibles (Steel)

FOREIGN CRUCIBLES LTD. (Importers), Church & Fulton, New York *See adv index at end of book*

3448— Crusher Parts

Alloy Steel Forging Co., Carnegie, Pa.
American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O. *See adv index at end of book*
Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R. Ry, Phila., Pa. *See adv index at end of book*
Los Angeles Fdry. Co. (Jaws), Los Angeles, Cal.
Midvale Steel & Ordnance Co., Widener bldg, Phila., Pa.
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.

3449— Crushers (Asphalt)

American Pulverizer Co. ("American" Ring Pulverizer), 32nd & Ridge, East St. Louis, Ill.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York *See adv index at end of book*
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

3450— Crushers (Barley)

Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

3451— Crushers (Clay)

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
American Clay Machinery Co., S Walnut, Bucyrus, O.
American Pulverizer Co., 32nd & Ridge, East St. Louis, Ill.
Anderson Foundry & Machine Works, Anderson, Ind.
Arnold-Creagor Co., New London, O.
Bonnot Company, Canton, O.
Brazil Machine & Foundry Co., Brazil, Ind.
Brewer H. & Co., Tecumseh, Mich.
Brunner Foundry & Mfg. Co., Peru, Ill.
Eagle Iron Works, Des Moines, Ia.
Fate J. D. Co., Plymouth, O.
Fernholtz Brick Machinery Co., Boyle & Vandeventer av, St. Louis, Mo.
Freese E. M. & Co., Galion, O.
Frost Mfg. Co., Galesburg, Ill.
International Clay Machy. Co., Dayton, O.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
K. B. Pulverizer Co., Inc., 86 Worth, New York
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York *See adv index at end of book*
Nebel M. A., 72 Grand av, Brooklyn, N. Y.
Raymond Bros., Impact Pulverizer Co., 1319 North Branch, Chicago, Ill.
Stedman's Foundry & Machine Works, Aurora, Ind.
Stevenson Co., Wellsville, O.
Taplin-Rice-Clerkin Co., Akron, O.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

3452—Crushers (Coal & Coke)

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
American Pulverizer Co., 32nd & Ridge, East St. Louis, Ill.
BARTLETT C. O. & SNOW CO. ("Triumph," Two & Four Roll), **French st**, Cleveland, O. *See adv index at end of book*
BEAUMONT R. H. CO., Drexel bldg, Phila., Pa. *See adv index at end of book*
Brunner Foundry & Mfg. Co., Peru, Ill.
Connellsville Mach. & Car Supply Co., Connellsville, Pa.
Excel Mfg. Co., Pottersville, N. J.
Exeter Machine Works, Pittston, Pa.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Hunt C. W. Co. (Coal), West New Brighton, N. Y. *See adv index at end of book*

When writing to firms listed in this Book please mention

Hendricks' Commercial Register

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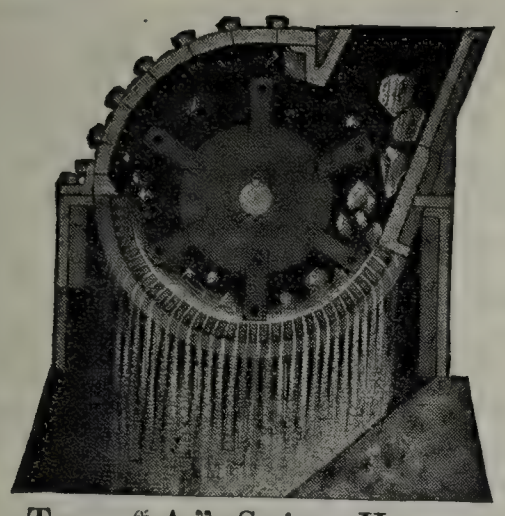

Type "A" Swing Hammer Pulverizer.

JEFFREY Crushers and Pulverizers

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Swing Hammer Pulverizers for Limestone, Shale, Marl, Gypsum, Clay, Phosphate Rock, Asbestos Rock, Bones, Oyster Shells, Garbage, Tankage, Iron Borings, Slag, etc.

Single Roll Crushers for Run-Of-Mine Coal, Coke, etc.

Double Roll Crushers and Disintegrators for Coal, Shale, Cinder, Salt, Coke, etc.

Shredders for Pulp Laps, Wood Chips, Bark, Dyewood, Cereals, Licorice Root, Paper Stock, Rags, Magazines, Rubber Plant, etc.

Send Samples for test and ask for Special Bulletins.

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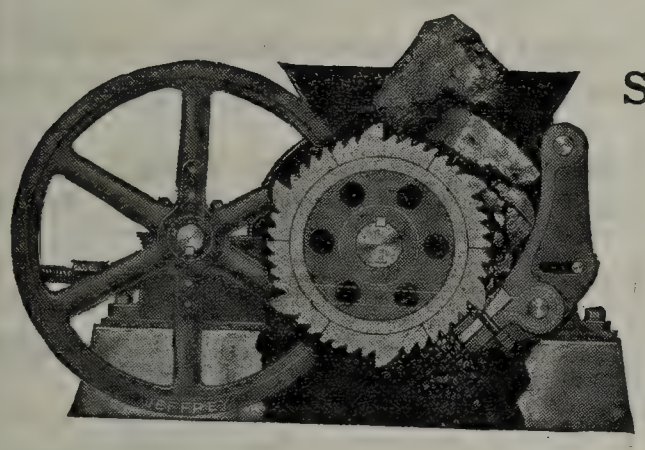
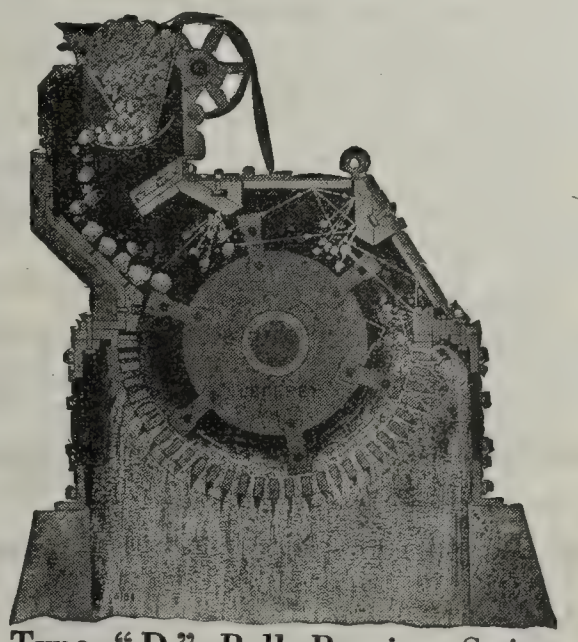


Single Roll Coal and Coke Crusher.



Type "D" Ball Bearing Swing Hammer Pulverizer.

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
K. B. Pulverizer Co., Inc., 86 Worth, New York
Keller Christian M., Columbus, Ind.
Johnson Engineering Works ("Johnson," Marathon), 38 S Dearborn, Chicago, Ill.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book
LINK-BELT COMPANY ("Link Belt"), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa. *See adv index at end of book*
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston Mass.
Milholland J. & J. B. Co., 714 5th av, Pittsburgh, Pa.
PENNSYLVANIA CRUSHER CO. (Hammer, Bradford, Rotary, etc.), Stephen Girard bldg, Phila. & Pittsburgh, Pa., New York & Seattle, Wash.
Pittsburgh Conveying Machinery Co., **4th & Duquesne wy, Pittsburgh, Pa.**
ROBINS CONVEYING BELT CO., 13 Park row, New York
See adv index at end of book
Specialty Engineering Co., Trenton & Allegheny, Phila., Pa.
Sprout, Waldron & Co. (Also Facing), Muncy, Pa.
Stedman's Fdry. & Machine Works, Aurora, Ind.
Stephens-Adamson Mfg. Co., Aurora, Ill.
Stroud E. H. & Co., 928-934 Fullerton av, Chicago, Ill.
United Iron Works Co., Kansas City, Mo.
Universal Crusher Co. ("Eureka" & "Universal"), Cedar Rapids, Ia.
Vulcan Iron Works, Wilkes-Barre, Pa.
Webster Mfg. Co., Tiffin, O.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

Crushers (Coke)

See Crushers, Coal & Coke

Crushers (Corn & Cob)

See Mills, Corn & Cob

3453-4— *Crushers (Cullet)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

3455— Crushers (Hammer)

K. B. Pulverizer Co., Inc., 86 Worth, New York
PENNSYLVANIA CRUSHER CO. (For Coal, Cement, Rock, Clay, etc.), Stephen Girard bldg, Phila., Pa.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

3456— Crushers (Oat)

ABBE ENGINEERING CO., 220 B'way, **New York.** *See adv index at end of book*
Excel Mfg. Co., Pottersville, N. J.

3456a— *Crushers (Portable)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

3457—Crushers (Rock & Ore)

ABBE ENGINEERING CO. (Hand Power), 220 B'way, New York
See adv index at end of book
Acme Road Machinery Co., Frankfort, N. Y.
ALLIS-CHALMERS MFG. CO. ("Gates"), Milwaukee, Wis.
See adv index at end of book
American Clay Machinery Co. (Clay & Rock), S Walnut, Bucyrus, O.
American Pulverizer Co. ("American"), 32d & Ridge, East St. Louis, Ill.
American Road Machinery Co. ("Champion," "Climax," "Fort Wayne") **Kennett Sq., Pa.**
Austin Mfg. Co., 910 S Michigan av, Chicago, Ill.
BARTLETT C. O. & SNOW CO., French st, Cleveland, O. *See adv index at end of book*
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Brunner Foundry & Mfg. Co., Peru, Ill.
Buchanan C. G. Co., 90 West, New York
Butterworth & Lowe (Jaw Reciprocating; also Rotary), Grand Rapids, Mich.
Calkins Co. ("Advance" Ore), Los Angeles, Cal.
Chalmers-Williams Mfg. Co. ("Bronze Ball" Gyratory; also "Blake," "Dodge" Disc), 1461 Arnold, Chicago Heights, Ill.
Colorado Iron Works Co., Denver, Colo.
Denver Engineering Works Co. (Ore), Denver, Colo.
Engelbach Machine Mfg. Co, Leadville, Col.
Farrel Foundry & Machine Co. (Stone Breakers, etc), Ansonia, Conn.
Fuller-Lehigh Co. ("Lehigh") Fullerton, Pa.
Galena Iron Works Corp., Galena, Ill.
Galion Iron Works & Mfg. Co., Galion, O.
Hallidie Co. ("Blake" Pattern), Spokane, Wash.
Hassell Iron Works Co., Colorado Springs, Col.
Hendy Joshua Iron Works ("Hercules"), 75 Fremont, San Francisco, Cal.
Hoagland's M. Sons Co., Rockaway, N. J.
Jefferson Iron Works Co., Detroit, Mich.
JEFFREY MFG. CO. ("Jeffrey" Rotary, etc), **961 N Fourth, Columbus, O.**
See adv index at end of book
K. B. Pulverizer Co., 86 Worth, New York
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book
Knoxville Fdry. & Mach. Co. (Comb. Jaw Roller Pulverizer), Knoxville, Tenn.
Krom Machine Works (Ore.), 170 B'way, New York. Works: Jersey City, N. J.
Lansing Co. ("Lansing" Small for Contractors, etc.), Lansing, Mich.
Lewistown Foundry & Machine Co., Lewistown, Pa.
McFarlane-Eggers Machy. Co., Denver, Colo.
Mine & Smelter Supply Co. (Ore.), 42 B'way, New York
Morse Bros. Machinery & Supply Co. ("Wild" Mill), Denver, Colo.
New England Road Machy. Co. ("New England"), 15 S Market, Boston, Mass.
Phillips & McLaren ("Blake" & "Forster"), 24th & Smallman, Pittsburgh, Pa.
Phoenix Iron Works, Portland, Ore.

CRUSHERS (ROCK & ORE)—continued

Port Huron Engine & Thresher Co., Port Huron, Mich.
Raymond Bros. Impact Pulverizer Co., 1319 North Branch, Chicago, Ill.
Samson Mfg. Co. ("Samson"), Denver, Col.
Smith Engineering Co., 1155 32d, Milwaukee, Wis.
Smith & Sons Mfg. Co. ("Royal" Rock Crusher, Kansas City, Mo.
South St. Louis Foundry Co., 7514 S B'way, St. Louis, Mo.
Sprout, Waldron & Co., Muncy, Pa.
Sterritt-Thomas Foundry Co. (Stone Crushers), 33d & Smallman, Pittsburgh, Pa.
STURTEVANT MILL CO., Clayton & Park, Boston, Mass.
Traylor John A. Mach. Co., Denver, Colo.
Union Iron Works Co. ("Blake"), 20th & Michigan, San Francisco, Cal.
United Iron Works Co., Kansas City, Mo.
Universal Road Machinery Co. ("Reliance" Stone Crushers), Kingston, N. Y.
Walker Mfg. Co. ("Blake" & "Dodge"), Denver, Colo.
Walker & Elliott (Phosphate), 2nd & Lambard, Wilmington, Del.
Webb City & Carterville Foundry & Machine Works ("Blake" Crusher), Webb City, Mo.
Western Wheeled Scraper Co. (Rock), Aurora, Ill.
Wheeling Mold & Foundry Co., Wheeling, W. Va.
Williams Patent Crusher & Pulverizer Co. (Quartz Rock), 813 Montgomery, St. Louis, Mo.
Worthington Pump & Machinery Corp. ("McCully"), 115 B'way, New York
See adv index at end of book

3458—Crushers (Rock & Ore, Gyratory)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Austin Mfg. Co., 910 S Michigan av, Chicago, Ill.
Chalmers-Williams Mfg. Co. ("B. B."), 1461 Arnold, Chicago Heights, Ill.
Good Roads Machinery Co. Kennett Square, Pa.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book
Smith Engineering Works, 1155 32d, Milwaukee, Wis.
Traylor Engineering & Mfg. Co. ("Blake," etc), Allentown, Pa.
Worthington Pump & Machinery Corp. ("McCully" & "Dodge"), 115 B'way, New York *See adv index at end of book*

3459—Crushers (Rock & Ore, Hand Power)

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*

3460—Crushers (Rock & Ore, Jaw)

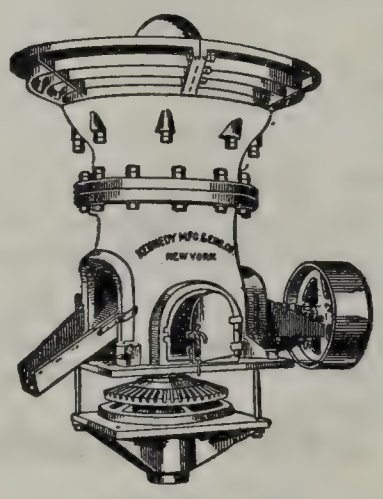
ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Austin Mfg. Co. S. Michigan av, Chicago, Ill.
Case J. I. Threshing Machine Co., Racine, Wis.
Chalmers-Williams Mfg. Co. ("Blake," "Dodge"), 1461 Arnold, Chicago Heights, Ill.
Colorado Iron Works Co., Denver, Colo.
Denver Engineering Works Co., Denver, Colo.
Dillon-Box Iron Works Co., Denver, Colo.
Galena Iron Works Corp., Galena. Ill.
Good Roads Machinery Co., Kennett Square, Pa.
Hassell Iron Works Co., Colorado Springs, Colo.
KENNEDY VAN SAUN MFG. & ENG. CORP. ("Blake," "Dodge"), 120 Broadway, New York
See adv index at end of book
McFarlane-Eggers Machy. Co., Denver, Colo.
Smith Engineering Works, 1155 32d, Milwaukee, Wis.
Stearns-Roger Mfg. Co., Denver, Colo.
Universal Crusher Co., Cedar Rapids, Ia.
Universal Road Machy. Co. ("Reliance"), Kingston, N. Y.

KENNEDY VAN SAUN

Manufacturing & Engineering Corporation

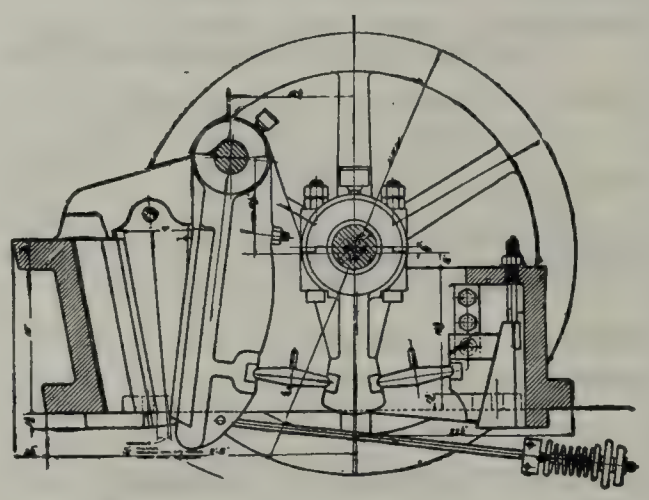
120 Broadway NEW YORK, N. Y.

The Kennedy Gyratory Crusher



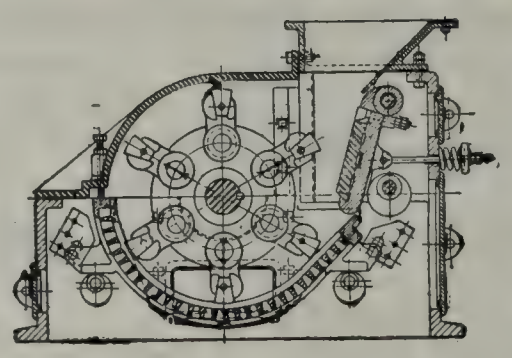
The "Best" in the World

The Kennedy Balanced Jaw Crusher



The "Biggest" in the World

The Kennedy Roll Hammer Crusher



The "Wonder" of the World

3461—Crushers (Roll Hammer)

Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
KENNEDY VAN SAUN MFG. & ENG. CORP. ("Blake" Type), 120 Broadway, New York. *See adv index at end of book*

3461a—*Crushers (Roll Jaw)

Kennedy Van Saun Mfg. & Eng. Corp. ("Dodge"), 120 B'way, New York
See adv index at end of book

3462— Crushers (Rotary)

KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
Pennsylvania Crusher Co. (For Chemicals, Coal, Phosphate, Paints, etc), Stephen Girard bldg, Phila., Pa.
Sturtevant Mill Co. (For Chemicals, Paints, Phosphate, etc), Clayton & Park, Dorchester, Boston, Mass.

3462a1—Crushers (Single Roll)

PENN CRUSHER CO., Stephen Gerard bldg, Phila., Pa.

3462a— *Crushers (Slag)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book

3463— Crushers (Spindle)

Bethlehem Steel Co., South Bethlehem, Pa.

Crushers (Sugar Cane)

See Mills, Sugar Cane

3464—Crushers & Levelers (Clod)

Brillion Iron Works, Brillion, Wis.
Cutaway Harrow Co. ("Clark," "Lightning"), Higganum, Conn.
Deere John Plow Works, Moline, Ill.
Deere & Co. ("Deere"), Moline, Ill.
Dunham Co. "Dunham," "Culti-Parkes"), Hippodrome bldg, Cleveland, O.
Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.
Grand Detour Plow Co. ("Grand Detour"), Dixon, Ill.
Moline Plow Co. ("Paralyzer" & "Brillion"), Moline, Ill.
Nash Duane H. ("Acme"), Millington, N. J.
Ohio Cultivator Co. ("Cyclone"), Bellevue, O.
Oliver Chilled Plow Works ("Oliver"), South Bend, Ind.
Parlin & Orendorff Co. ("P. & O. Canton"), Canton, Ill.
Rock Island Plow Co. ("Smasher"), Rock Island, Ill.
Rumely Leo Tractor Gear Co. ("Advance," "Scott," "Rumely"), La Porte, Ind.
Sechler D. M. Implement & Carriage Co. ("Black Hawk"), Moline, Ill.
Sterling Mfg. Co. ("Sterling"), Sterling, Ill.

3464a— Crutches

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

3465— Crutches (Pole)

Hallett Iron Works ("Hallett"), Harvey, Ill.

Cryolite (See Kryolith)

3466—*Crystallizers (Ammonium Nitrate)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

3467— Crystallizers (Sugar)

Blymer Iron Works Co., Cincinnati, O.
Coatesville Boiler Works (Sugar), Coatesville, Pa.
Creason-Morris Co., Allegheny & 18th, Phila., Pa.

Devine J. P. Co., Buffalo, N. Y.
Dyer Co., Cleveland, O.
FABRICATED STEEL PRODUCTS CORP., Box 300, Leetonia, O.
See adv index at end of book
Gerdes & Co., 42 Church, New York
See adv index at end of book
Joubert & Goslin Mach. & Fdry. Co., Birmingham, Ala.
Kilby Mfg. Co., Cleveland, O.
Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.
Pusey & Jones Co., ft Poplar, Wilmington, Del.
Riter-Conley Co., Pittsburgh, Pa.
Stearns-Roger Mfg. Co., Denver, Colo.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Treadwell M. H. Co., 140 Cedar, New York;
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill
TURL IRON & CAR CO., INC., THE, 50 Broad, New York; Works: Newburgh, N. Y.
WALSH & WEIDENER BOILER CO., Chattanooga, Tenn.
See adv index at end of book
Whitney Iron Works Co., 849 Tchoupitoulas, New Orleans, La.

3468— Crystals

American Chemical Co. (Soda), 640 Carr, Cincinnati, O.

General Chemical Co. (Sulphide, Soda, Muriate of Tin), 25 Broad, New York
Solvay Process Co. (Mono-Hydrate & Snow Flake), Syracuse, N. Y.; Hutchinson, Kan., & Detroit, Mich.

3469— Crystals (Watch)

American Optical Co., Southbridge, Mass.
Bache Semon & Co. (Imp), 636 Greenwich, New York
Berger Albert & Co. ("W. B. & C."), 45 John, New York
Hammel, Riglander & Co., 47 Maiden la. New York
Seymour Ernest, 60 Nassau, New York
Waterbury Clock Co., Waterbury, Conn.

3470—Cube Sugar Apparatus

Hersey Mfg. Co., 314 W 2d, So. Boston, Mass.

3471—Cues (Billiard & Pool)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Pick Albert & Co., 212 W. Randolph, Chicago, Ill.

3472— Cullet

Levy Max & Co. (Jobbers & Brokers), 845 Rees, Chicago, Ill.

3473—Cultivator Attachments

Empire Plow Co., Cleveland, O.
Gale Mfg. Co., Albion, Mich.

3474— Cultivators

Akron Cultivator Co. (Riding & Walking Pivot-Axle Automatic, also Walking), Akron, O.
Albright Jas. H. & Sons (Riding & Walking), Mifflinburg, Pa.
Allen S. L. & Co. ("Planet, Jr."), Denckla bldg, Phila., Pa.
American Seeding Machine Co., Springfield, O.
Ames Plow Co., Quincy Hall, Boston, Mass.
Anderson Frank W., Portland, N. Y.
Arnold's G. W. Son, Ionia, Mich.
Avery B. F. & Sons (Riding & Walking), Louisville, Ky.
Avery Co. Motor ("Doublet," "Universal," "Togo," "New Mystic"), Peoria, Ill.
Babcock Mfg. Co. ("Otsego," Walking, One Horse), Leonardville, N. Y.
Bacon Mfg. Co. (Garden), Pontiac, Mich.
Bailor Plow Mfg. Co. (Corn & Cotton), Atchison, Kan.
Batavia Clamp Co., Batavia, N. Y.
Bateman Mfg. Co. ("Iron Age" Riding, Walking & Horse Hoe), Grenloch, N. J.
Beatrice Iron Works, Beatrice, Neb.
Belcher & Taylor Agl. Tool Co. (Prouts Hoeing Machine), Chicopee Falls, Mass.
Bement's E. Sons (Riding & Walking), Lansing, Mich.
Blount Plow Works (Walking & Riding, "True Blue" Spring Trip), Evansville, Ind.
Bridgewater Plow Corp. ("Superior" 5 Tooth), Bridgewater, Va.
Brinly Hardy Co. (Riding & Walking etc), Louisville, Ky.
Bristol & Gale Co. (Hand), 158 Carroll av, Chicago, Ill.
Brown-Manly Plow Co., Malta, O.
Brown Mfg. Co. (Riding & Walking), Zanesville, O.
Burch Plow Works Co., Crestline, O.
Caledonia Bean Harvester Works, Caledonia, N. Y.
Cambridge Steel Plow Co., Cambridge, N. Y.
Case J. I. Plow Works ("Case Crank Shift," "Case Pivot Axle," "Case Pivot Frame," "Case Surface," "Case Seat Guide," "Eclipse," "New Texas," "Twin," "Turn Narrow Tread," "Nome," "Universal" Disc & Two Row Listed Corn Riding, & "Case," "Case Balance Frame," "Case Easy" Walking), Racine, Wis.
Champion Drill Co., Avon, N. Y.
Chattanooga Implement & Mfg. Co., Chattanooga, Tenn.
Children's E. Sons Mfg. Co. (Corn & Cotton Only), Council Bluffs, Ia.
Clore Wm. H. Mfg. Co. ("Dixie"), Washington, Ind.
Collins Plow Co. (Disc & Riding & Walking Combined), Quincy, Ill.
Cutaway Harrow Co., Higganum, Conn.
Davidson-Dietrich Plow Co., Evansville, Ind.
Deere John Plow Works (Walking, Riding Two Row, Lister, Disc), Moline, Ill.
Deere & Co. (Sugar Cane, also Walking, Riding & Combined Riding & Walking), Moline, Ill.
Deere & Co. (Alfalfa, Disc & Beet), Moline, Ill.
Dempster Mill Mfg. Co., Beatrice, Neb.
Deuscher H. P. Co. ("Ideal"), Hamilton, O.
Donaldson Bros. ("Steel King," "Jiant," "Baldwin's American"), Mt. Clemens, Mich.
Doylestown Agricultural Co., Doylestown, Pa.
Eagle Hay Press & Implement Co., Muskogee, Okla.
Emerson-Brantingham Co. ("Emerson," Five Tooth), Rockford, Ill.
Empire Plow Co. ("Cleveland"), Cleveland, O.
Eureka Mower Co. (Spike, Spring & Shovel Tooth, Walking, etc), 16 Hickory, Utica, N. Y.
Everts Mfg. Co., Meridian, N. Y.
Fairbanks Co. ("Acme"), Springfield, O.
Farquhar A. B. Co., Ltd. (Riding & Walking), York, Pa.
Fort Madison Plow Co., Fort Madison, Ia.
Gale Mfg. Co. (Riding or Walking, also Walking Tongue & Tongueless, also Fine Tooth, etc), Albion, Mich.
Genung C. W. (Disc & Single & Double Wheel), Madison, O.
Gowanda Agl. Works (Horse Hoe, etc), Gowanda, N. Y.
Grand Detour Plow Co. ("Uncle Sam," "Colonial" Walking & Riding), Dixon, Ill.
Greenville Implement Co. (Star Shovel), Greenville, Mich.
Harriman Mfg. Co., Harriman, Tenn.
Hartig W. F. Plow Co. (Up-to-Date), Evansville, Ind.
Hartman Mfg. Co. (Disc Riding & Walking), Vincennes, Ind.
Hayes Pump & Planter Co. ("Hayes" Riding & "Leila," "Slick," "Leader," Victor," Walking), Galva, Ill.
Hench & Dromgold (Walking, Riding & Trucking), York, Pa.
Herschel R. Mfg. Co. (Single Wheel), Peoria, Ill.
Hussey Plow Co., No Berwick, Me.
International Harvester Company of America (Inc.) (International-Deering-McCormick-Osborne), Harvester bldg., Chicago, Ill.
Janesville Machine Co. (Disc & Lister), Janesville, Wis.
Massey-Harris Harvester Co., Batavia, N. Y.
Keller Mfg. Co., 1325 N E, Quincy, Minneapolis, Minn.
Kelly G. A. Plow Co, Longview, Tex.
Keystone Machine Co. (Riding & Walking), York, Pa.
Killefer Mfg. Co., 2209 Santa Fe, Los Angeles, Cal.
King Drill Mfg. Co., Nebraska City, Neb.
King & Hamilton Co. ("Little Boy"), Ottowa, Ill.
La Crosse Plow Co. (Riding & Walking), La Crosse, Wis.
Lean Roderick Mfg. Co. (Riding, "Jap," "Leho," "New Fremont," "Hobo," "Lehr," "Busy Bee," "Pattee"), Mansfield, O.
Lehr Agricultural Co. (Riding & Walking), Fremont, O.
Long & Allstatter Co. (Riding, Walking, Tongue & Tongueless), Hamilton, O.
Lyon Iron Works, Greene, N. Y.
McDonald Wm. Sons, Lapeer, Mich.
Madison Plow Co. (Riding & Walking), Madison, Wis.
Maroa Mfg. Co., Maroa, Ill.
Mason F. C. & Co. ("Banner," Hand, etc), St. Johns, Mich.
Messinger Mfg. Co. (Steel King Walking), Tatamy, Pa.
Moline Plow Co. (Tongue Walking, Tongueless Walking, Riding, Combined Walking & Riding, Disc, Lister, etc, "Dandy," "Texas Dandy",) Moline, Ill.
Monitor Drill Co., St. Louis Park, Minn.
Monmouth Plow Factory (Riding, Combined Walking & Tongueless, "Monmouth"), Monmouth, Ill.
Moore Plow & Implement Co. (Beet & Garden), Greenville, Mich.
Munnsville Plow Co. Steel Frame, Wheel, Harrow, Lever, etc), Munnsville, N. Y.
National Drill Co., Cambridge City, Ind.
Norcross C. S. & Sons (Garden Wheel), Bushnell, Ill.
O'Neil T. L. ("Flying Sweedes" for Listed Corn, etc), Marseilles, Ill.
Ohio Cultivator Co. (Sulky & Walking, "Famous Ohio"), Bellevue, O.
Ohio Rake Co. (Riding, "Monarch," "Dayton" & "New Quail"), Dayton, O.
Oliver Chilled Plow Works ("Oliver," Walking & Riding), South Bend, Ind.
Palmer Jarvis, Northville, Mich.
Parlin & Orendorff Co. ("P. & O." Riding, Walking, Disc, One Horse, Beet, Orchard, Listing, Cane, Surface, Tongueless), Canton, Ill.
Pattee Plow Co. ("New Departure" Disc, "Biplane" Shovel, "Pattee" Listed Corn), Monmouth, Ill.
Patterson Mfg. Co., Holly, Mich.
Peru Plow & Wheel Co. (Riding & Walking), Peru, Ill.
Racine-Sattley Co. (Walking, Riding & Combined "Sattley," "Corker," "Monarch," "Banner," "Sangamo," "Noxall," "New Prime" (2 Row), "Warner," "Lucky Hit," "Easy Way," "Hummer," "Only Way," 81 R., 82 R.),, Springfield, Ill.
Reed Fdry. & Mach. Co. ("Reed" All Steel), Kalamazoo, Mich.
Rock Island Plow Co. (Riding & Walking), Rock Island, Ill.
Rockford Mfg. Co. ("Dewey," "Tiger," "Hiram," "Rockford"), Rockford, Ill.
Rowland T. T. & Son, Tuscumbia, Ala.
Sargent, Osgood & Roundy Co., Randolph, Vt.
Smith D. B. & Co. (Walking), Utica, N. Y.
South Bend Chilled Plow Co. (Riding & Walking), South Bend, Ind.
Southern Plow Co., Columbus, Ga.
Southern Plow Co., Dallas, Texas.
Sparta Plow Works, Sparta, Ill.
Sterling Mfg. Co., Sterling, Ill.
Swanson-St. Joseph Plow Co., St. Joseph, Mo.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Texas Implement & Machine Co., Dallas, Tex.
Thompson J. Plow Works, Beloit, Wis.
Tower J. D. & Sons Co. (Walking & Riding, "Tower Surface"), Mendota, Ill.
Towers & Sullivan Mfg. Co. ("Little Joe," "Champion," "Eureka"), Rome, Ga.
Ulrich Mfg. Co., Rock Falls, Ill.
Universal Tractor Mfg. Co. (Motor Driven), Columbus, O.
Van Brunt Mfg. Co., Horicon, Wis.
Washington Weeder Works (Double Disc Weeder), Walla Walla, Wash.
West & Townsend, Martinsville, O.
Whitaker Mfg. Co., 409 S Green, Chicago, Ill.
White's S. R. Sons ("Cotton King," "Cotton Bloom," "Carolina," "Daisy," "D-Arrow"), Norfolk, Va.
Wood Bros. Thresher Co., Des Moines, Ia.

CULTIVATORS—continued

Wood Walter A. Mowing & Reaping Machine Co. ("Queen"), Hoosick Falls, N. Y.
Woodhouse J. S. Co., 191 Water, New York

3475— Cultivatcrs (Alfalfa)

Bucher & Gibbs Plow Co. ("Imperial"), Canton, Ohio
Deere & Co. ("Deere" Drag Bar Type), Moline, Ill.
Lean Roderick Mfg. Co. ("Roderick Lean"), Mansfield, O.
Light Draft Harrow Co. ("Kerkner"), Marshalltown, Ia.
Moline Plow Co. ("Moline"), Moline, Ill.
Reschke Machine Works, Wichita, Kan.
South Bend Chilled Plow Co. ("South Bend"), South Bend, Ind.

3476—Cultivators (Bean & Corn)

Allen S. L. & Co. ("Planet, Jr."), Denckla, bldg, Phila., Pa.
American Seeding Machine Co., Springfield, O.
Bailor Plow Mfg. Co., Atchison, Kans.
Bucher & Gibbs Plow Co. (One & Two Horse Beet & Corn), Canton, O.
Case J. I. Plow Works, Racine, Wis.
Moline Plow Co. ("Michigan" "Flying Dutchman"), Moline, Ill.
Ohio Cultivator Co. ("Ohio"), Bellevue, O.
Oliver Chilled Plow Works, South Bend, Ind.
Reschke Machine Works, Wichita, Kans.
Rock Island Plow Co., Rock Island, Ill.
Tower J. D. & Sons Co. ("Tower"), Mendota, Ill.
Wood W. A. Mowing & Reaping Machine Co., Hoosick Falls, N. Y.

3477— Cultivators (Beet)

Akron Cultivator Co. ("Kraus" Pivot Axle 2 Row), Akron, Ohio
Allen S. L. & Co. ("Planet Jr." 2 & 4 row), Denckla bldg, Phila., Pa.
Bateman Mfg. Co. ("Iron Age" 2 row), Grenloch, N. J.
Brown Mfg. Co. (Two Row), Zanesville, O.
Bucher & Gibbs Plow Co. ("Imperial" two Row), Canton, O.
Deere & Co. ("Deere Steel" Two Row), Moline, Ill.
Deere & Co. (2 & 4 Row), Moline, Ill.
Emerson-Brantingham Co. ("Emerson" Two Row), Rockford, Ill.
Empire Plow Co. ("Empire" 2 Row), Cleveland, O.
Gale Mfg. Co. ("Gale" 2 Row), Albion, Mich.
Hayes Pump & Planter Co. ("Leader," "Victor" Two Row), Galva, Ill.
Lehr Agricultural Co. (Two Row), Fremont, O.
Moline Plow Co. ("Moline" 2 Row Walking, & 4 Row Riding), Moline, Ill.
Moore Plow & Implement Co. ("Moore" 2 Row), Greenville, Mich.
Ohio Cultivator Co. ("Ohio" 2 Row), Bellevue, Ohio
Parlin & Orendorff Co. ("P. & O. Canton" Two & Four Row), Canton, Ill.
Wood Walter A. Mowing & Reaping Co., Hoosick Falls, N. Y.

3478— Cultivators (Garden)

Akron Cultivator Co. ("Akron" Wheel, Hand), Akron, O.
Allen S. L. & Co. ("Planet, Jr."), Denckla bldg, Phila, Pa.
American Fork & Hoe Co. ("Invincible" & "Victor" Hand), Cleveland, O.
Ames Plow Co. ("New Universal" Wheel), Quincy Hall, Boston, Mass.
Avery B. F. & Sons ("Avery" Wheel, Hoe, Plow & Weeder), Louisville, Ky.
Bacon Mfg. Co. ("Bacon" Wheel), Pontiac, Mich.
Bateman Mfg. Co. ("Iron Age" Wheel, Hoe, Plow, Weeder), Grenloch, N. J.
Blocki F. Co. ("Blocki"), Sheboygan, Wis.
Brinly Hardy Co. ("Columbia" Wheel, Hoe, Plow & Weeder), Louisville, Ky.
Bristol & Gale Co. (Wheel Hand), 158 Carroll av, Chicago, Ill.
Brown Mfg. Co. ("Perfection"), Zanesville, O.
Brown-Manly Plow Co. ("Fair," "Rival," Wheel Hoe, Plow & Weeder), Malta, O.
Buffum Tool Co. ("New Boss"), South Side, Louisiana, Mo.
Case J. I. Plow Works ("Katydid"), Racine, Wis.
Columbia Planter Co. (Wheel Hand), Springfield, O.
Crescent Forge & Shovel Co. (Wheel), Havana, Ill.
Deuscher H. P. Co. ("Ideal" Wheel, Hoe, Plow & Weeder), Hamilton, O.
Gale Mfg. Co., Albion, Mich.
Empire Plow Co. ("Baby," "Push Bars," "Rural," "Wizard," Wheel Hand), Cleveland, O.
Genung C. W. ("Iron King" Wheel), Madison, O.
Greenville Implement Co. ("Banner," "Garden King," "Peerless" Wheel), Greenville, Mich.
Hall Mfg. Co. ("Hall"), Monticello, Ia.
Hartman Mfg. Co. ("Little Gem," "Tip Top"), Vincennes, Ind.
Hench & Dromgold, York, Pa.
Herschel R. Mfg. Co. ("Standard"), Peoria, Ill.
Lean Roderick Mfg. Co., Mansfield, O.
Light Draft Harrow Co. ("Forkner"), Marshalltown, Ia.
Mason F. C. & Co. ("Banner" Wheel), St. Johns, Mich.
Moore Plow & Implement Co. ("Gem," "Go-Easy," "Moore's" Wheel), Greenville, Mich.
National Drill Co., Cambridge City, Ind.
New Idea Spreader Co. ("Coldwater," "New Idea"), Coldwater, O.
Nemann & Hieronymus (Rotary), Mt. Olive, Ill.
Norcross C. S. & Sons ("Norcross" Hand), Bushnell, Ill.
Ohio Cultivator Co. ("Little Giant," "Magnolia," "Ohio," "Skaboo," "Southern Queen," "Climax," "Dexter" Wheel), Bellevue, O.
Parlin & Orendorff Co. ("P. & O. Canton" Wheel, Hoe, Plow & Weeder), Canton, Ill.
Peru Plow & Wheel Co. ("Clipper"), Peru, Ill.
Pull-Easy Mfg. Co. ("Pull-Easy"), Waukesha, Wis.
Sheffield Mfg. Co. (Hand), Burr Oak, Mich.
South Bend Chilled Plow Co. ("Jewell," "Newmarket"), South Bend, Ind.
Standard Garden Tool Co. ("Standard"), Montrose, Ia.
Tenney & Co., Decatur, Ill.
Thompson J. Plow Works (Walking & Riding), Beloit, Wis.
Thornburgh Mfg. Co. ("National," "Peerless," "Rival," "Toledo," "Garden King," Wheel, Hoe, Plow & Weeder), Bowling Green, O.
Whitaker Mfg. Co. ("Dixie," "Excelsior," "Gem," "Jarvis," "National," "Reliance," "Whitaker"), 409 S Green, Chicago, Ill.

3479— Cultivators (Onion)

See also Drills, Onion

Allen S. L. & Co. ("Planet Jr." Wheel Hand), Denckler bldg, Phila., Pa.
Bacon Mfg. Co. ("Bacon," Wheel Hand), Pontiac, Mich.
Clark W. J. Co., Salem, O.
Genung C. W. ("Iron King," Wheel Hand), Madison, Ohio

3480-1— Cultivators (Sled)

Avery B. F. & Sons ("Avery" 1 & 2), Louisville, Ky.
Deere & Co. ("John Deere" No. 4), Moline, Ill.
Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.
Fort Madison Plow Co. ("Daisy"), Ft. Madison, Ia.
Grand Detour Plow Co. ("Grand Detour"), Dixon, Ill.
Ohio Cultivator Co. ("Challenge," "Defiance," "Easy," "Hustler," "New Easy," "New Ohio"), Bellevue, O.
Oliver Chilled Plow Works ("Oliver"), South Bend, Ind.
Swanson-St. Joseph Plow Co., St. Joseph, Mo.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER

Culvert Forms

See Centering, Steel; also Concrete Forms

3482— Culverts (Cast Iron)

See also Cast Iron Pipe Mfrs., Gas & Water

American Casting Co. ("National" Lock Joint), Birmingham, Ala.
Baker Mfg. Co., 1000 Stanford av, Springfield, Ill.
Beach Mfg. Co, Charlotte, Mich.
Brillion Iron Works ("Sperry Perfection"), Brillion, Wis.
Builders' Steel Products Co., 1210 Fidelity, Phila., Pa.
Burch Plow Works Co. ("Burch Expansion"), Crestline, O.
Colby N. H. ("Sperry Perfection"), Granville, Ill.
Galion Iron Works & Mfg. Co. ("Ideal"), Galion, O.
Metal Post & Culvert Co., Niles, O.
Munnsville Plow Co. ("Sperry Perfection"), Munnsville, N. Y.
Portsmouth Engine Co. (Heavy Ribbed), Portsmouth, O.
Rothe Jos. F. Foundry Co. ("Daggett's Expansion), Green Bay, Wis.
United States Cast Iron Pipe & Foundry Co., Burlington, N. J.
Wetter H. Mfg. Co. ("Sperry Perfection"), Memphis, Tenn.
Zieg F. B. Mfg. Co., Fredericktown, O.

Culverts (Corrugated, Galvanized Iron, Etc.)

See Culverts, Road

3483— Culverts (Road)

American Casting Co. ("National" Lock Joint Cast Iron), Birmingham, Ala.
American Road Machinery Co. (Corr. Iron), Kennett Sq., Pa.
American Rolling Mill Co. ("American Ingot Iron"), Middletown, O.
Arnett Lee Co. (Corrugated), Lincoln, Neb.
Atlas Metal Works (Corrugated), Dallas, Tex.
Baker Mfg. Co. (Corr. Iron), 1000 Sanford av, Springfield, Ill.
Bark River Bridge & Culvert Co. (Corrugated), Bark River, Mich.
Beatrice Iron Works (Metal), Beatrice, Neb.
Beatrice Steel Tank Mfg. Co. ("New-Way"), Beatrice, Neb.
Birmingham Metal Products Co. (Butt-Joint Nestable), Birmingham, Ala.
Booth & Flinn (Ltd.) (Concrete), Pittsburgh, Pa.
Builders' Steel Products Co., 1210 Fidelity, Phila., Pa.
Butler Mfg. Co. ("Rus-Pruf" Steel), Kansas City, Mo.
Butler Mfg. Co., 700 6th av, S E, Minneapolis, Minn.
CALIFORNIA CORRUGATED CULVERT CO. ("Calco"), Berkeley, Cal.
Canton Culvert & Silo Co. ("No-Co-Ro" Metal), Canton, O.
Capital City Culvert Co., Madison, Wis.
Cement Stave Silo Co., Des Moines, Ia.
Champion Bridge Co. (Iron), Wilmington, O.
Coast Culvert & Flume Co. (Corrugated Metal), Columbia blvd, Portland, Ore.
Columbian Steel Tank Co., New England bldg (Corrugated), Kansas City, Mo.
Coral Concrete Culv. Mfg. Co., Coral, Mich.
Corrugated Culv. Co. (Corr), Moberly, Mo.
Corrugated Metal Co. (Corr.), Emporia, Kan.
Crawfordsville Corrugated Culvert Co., Crawfordsville, Ind.
De Forest Sheet & Tin Plate Co. (Corrugated Steel), Niles, O.
See adv index at end of book
Delaware Metal Culv. Co. (Corr.), Clayton, Del.
Dixie Culvert & Metal Co. (Corr.), Atlanta, Ga.
Dominion Metal Product Co. ("Imperial," Round Riveted, "Acme" Nestable), Roanoke, Va.
Duluth Corr. & Rfg. Co., Duluth, Minn.
EDWARDS MFG. CO. (Corrugated Metal), 545-565 Eggleston av, Cincinnati, O. *See adv index at end of book*

Elkhart Bridge & Iron Co., Elkhart, Ind.
Florida Metal Products Co. ("Acme" Nestable & "Imperial" Riveted Corrugated Metal), Jacksonville, Fla.
Fouts C. C. Co. ("Duro" Corrugated), 650 Woodlawn av, Middletown, O.
Fort Dodge Culv. Co. (Corr.), Fort Dodge, Ia.
Galion Iron Works & Mfg. Co. ("Sterling" Corrugated Metal), Galion, O.
Grand Island Culvert & Metal Works, Grand Island, Neb.
Harry Bros. Co. (Corr. Galv. Iron), Carr av & I. C. R. R., New Orleans, La.
Harry O. K. Steel Co. (Steel), 2333 Papin, St. Louis, Mo.
Harry O. K., Steel Works (Corrugated Steel), Dallas, Tex.
Heller-Aller Co. (Galv. Steel), Napoleon, O.
Ill. Corr. Metal Co. (Corr.), Springfield, Ill.
Independence Corrugated Culvert Co. (Corrugated), Independence, Ia.
Iowa Pure Iron Culvert Co., Des Moines, Ia.
Kelly Fdry. & Mach. Co. (Galv. Iron), Goshen, Ind.
Ky. Culv. Mfg. Co. (Corr.), Buechel, Ky.
Klauer Mfg. Co. (Corr. Galv.), Dubuque, Ia.
Kretchmer Mfg. Co. (Corrugated Metal), Council Bluffs, Ia.
Lone Star Culvert Co. (Corr.), Houston, Tex.
Lyle Corr. Culv. Co. (Corr.), 171 27th av S E, Minneapolis, Minn.
Martin Metal Mfg. Co (Corr.), Wichita, Kan.
Metal Engineering Co. (Smooth Bottom), Danville, Pa.
Metal Post & Culvert Co., Niles, O.
Michigan Bridge & Pipe Co. (Corr), Lansing, Mich.
Midland Metal Mfg. Co., Ottumwa, Ia.
Minnesota Pipe & Tile Co., Mankato, Minn.
Montana Culvert & Flume Co. (Corr.), Missoula, Mont.
National Corrugated Culvert Mfg. Co. (Corrugated Metal), Warren, Pa.
Neb. Culv. & Mfg. Co. (Corr.), Wahoo, Neb.
Neb. & Ia. Steel Tank Co. (Corr.), Omaha, Neb.
New Eng. Metal Culv. Co. (Corr.), Palmer, Mass.
New Orleans Roofing & Metal Co., (Galvanized Iron), Cortez & Orleans, New Orleans, La.
Nevada Metal Mfg. Co., Reno, Nev.
Newport Culvert Co. (Corrugated Metal), Newport, Ky.
Newport Rolling Mill Co. (Corr.), Newport, Ky.
N. Dak. Metal Culv. Co. (Corr.), Fargo, N. D.
Northeast Metal Culv. Co. (Corr.), Nashua, N. H.
Northfield Iron Co. (Plain Bottom Corr.), Northfield, Minn.
Northwestern Sheet & Iron Wks., Wahpeton, N. D.
Ohio Corr. Culv. Co. (Corr), Middletown, O.
O'Neal William Q. Co. (Corr.), Crawfordsville, Ind.
Panama Tank Co. (Corrugated), Carr av & I. C. R. R., New Orleans, La.
Penn Metal Co. (Corrugated), Smooth bottom, flat bottom, and all round corrugated one and two piece), 65 Franklin, Boston, Mass.
Penna. Metal Culv. Co. (Corr.), Warren, Pa.
Perfection Metal Products Co. (Corr.), Topeka, Kan.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross., Pittsburgh, Pa.
See adv index at end of book
Pidgeon-Thomas Iron Co. (Galv. Iron), Memphis, Tenn.
Platte Valley Cement Tile Mfg. Co. (Tile), Fremont, Neb.
Porter Iron Roofing & Corrugating Co. (Corrugating Metal), 522 Culvert, Cincinnati, O.
Princeton Sheet Metal Co. (Corr.), Princeton, Ind.
Red Oak Bridge & Iron Works, Red Oak, Iowa
Reeves Mfg. Co., Dover, O.
Road Sup. & Metal Co. (Corr.), Topeka, Kan.
Russell Grader Mfg. Co. (Corrugated), 2005 Univ. av, S E, Minneapolis, Minn.
Salisbury Metal Culv. Co. (Angle Iron Reinforced), Salisbury, N. C.
Sioux Falls Metal Culv. Co. (Corr.), Sioux Falls, S. D.
Spencer J. N. (Corr), Havre de Grace, Md.
Spokane Culv. & Tank Co., Spokane, Wash.
Spokane Culvert & Flume Co., Spokane, Wash.
Tenn. Metal Culv. Co. (Corr.), Nashville, Tenn.
Texas Tank & Culvert Co., Fort Worth, Tex.
Utah Corrugated Culv. & Flume Co. (Corr.), Woods Cross, Utah
Virginia Metal Culvert Co. (Corr), Roanoke, Va.
Warsaw-Wilkinson Co. (Steel), Warsaw, N. Y.
Western Metal Mfg. Co. (Corr.), El Paso, Tex.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling W. Va.
Wisconsin Culv. Co. (Corr.), Madison, Wis.

3484— Cupboards (Steel)

Edwards Mfg. Co., Cincinnati, O.
See adv index at end of book
Terrell's Equipment Co., Broadway, Grand Rapids, Mich.

3485— Cupels

Denver Fire Clay Co. ("Casite"), Denver, Colo.
Dixon Joseph Crucible Co., Jersey City, N. J.

3486—Cupola Linings or Blocks

Ashland Fire Brick Co., Ashland, Ky.
Berry Jas. E., Woodbridge, N. J.
Bickford Fire Brick Co., Curwensville, Pa.
Big Savage Fire Brick Co., Frostburg, Md.
Brighton Fire Brick Co., New Brighton, Pa.
Brooklyn Fire Brick Works, 88 Van Dyke, Brooklyn, N. Y.
Chambers A. Reeder, Trenton, N. J.
Chicago Retort & Fire Brick Co., Ottawa, Ill.
Climax Fire Brick Co. ("Climax"), Climax, Clawn Co., Pa.
Columbia Fire Brick Co., Canton, O.
Cooper Jno., 111 Clay, Brooklyn, N. Y.
Denny-Renton Clay & Coal Co., Seattle, Wash.
Denver Fire Clay Co., Denver, Colo.
Diamond Fire Brick Co., Canon City, Colo.
Didier-March Co., Perth Amboy, N. J.
Edge Hill Silica Rock Co. (Mica Schist Fire Stone), New Brunswick, N. J.
Evens & Howard Fire Brick Co., 920 Market, St. Louis, Mo.
Federal Clay Product Co., Mineral City, O.
Fiske & Co., 25 Arch, Boston, Mass.
Garden City Sand Co., Chamber of Comm. bldg, Chicago, Ill.
Garfield Fire Clay Co., Robinson, Pa.
Gautier J. H. & Co., 1 Greene, Jersey City, N. J.
Harbison-Walker Refractories Co., Farmers' Bank bldg, Pittsburgh, Pa.
Haws A. J. & Sons (Ltd.), Johnstown, Pa.
Howard Co., New Haven, Conn.
Kier Fire Brick Co., Oliver bldg, Pittsburgh, Pa. *See adv index at end of book*
Laclede-Christy Clay Products Co., Manchester & Sulphur av, St. Louis, Mo.
McLeod & Henry Co. (Steel Mixture), 360 1st, Troy, N. Y.
Maurer Henry & Son, 420 E 23d, New York
Mississippi Glass Co., 220 5th av, New York
Mutton Hollow Fire Brick Co., Woodbridge, N. J.
National Fire Proofing Co., Fulton bldg, Pittsburgh, Pa.
Ohio Fire Brick Co., Oak Hill, O.
Ostrander Fire Brick Co., Troy, N. Y.
Parker-Russell Mining & Mfg. Co., Laclede Gas Light bldg, St. Louis, Mo.
Portsmouth Refractories Co., Portsmouth, O.
Presbrey Stove Lining Co., Taunton, Mass.
Remmey Richard C. Son Co., Hedley & Del, Phila, Pa.
St. Louis Vitrified & Fire Brick Co., Wainwright bldg, St. Louis, Mo.
Standard Fire Brick Co., Pueblo, Colo.
Thomas, Buckwater & Co., Royersford, Pa.
Thomas Moulding Brick Co., 1203 Chamber of Comm., Chicago, Ill.
See adv index at end of book
United Fire Brick Co., Uniontown, Pa.
Valentine M. D. & Bro. Co., Woodbridge, N. J.
Wagner Fire Brick Co., Scranton, Pa.
West Virginia Fire Clay Mfg. Co., Diamond Bank bldg, Pittsburg, Pa.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.
Woodison E. J. Co. ("Woodison"), Detroit, Mich.

3487— Cupolas (Barn)

Badger Steel Roofing & Corrugating Co., La Crosse, Wis.
Bernard Phillip Co. ("O. K."), Sioux City, Ia.
Heine Jno. F. & Son, Hooper, Neb.
King Ventilating Co., Owatonna, Minn.
Klauer Mfg. Co., Dubuque, Ia.
La Crosse Steel Roofing & Corrugating Co., La Crosse, Wis.
Litchy B. F. & Sons ("Monitor"), Waterloo, Ia.
Shrauger & Johnson Co. ("Chief," All-Steel), Atlantic, Ia.

3488— Cupolas (Foundry)

Bigelow Co., New Haven, Conn.
Barry & Zecher Co. ("Zecher"), Lancaster, Pa.
Central Foundry Supply Co. ("Callian"), P. O. Box 945, Columbus, O.
Connelly D. Boiler Co., Ivanhoe rd & N. Y. & St. L. R. R., Cleveland, O.
Connery & Co., 2d & Luzerne, Phila., Pa.
Detroit Foundry Co. ("Crandall"), Detroit, Mich.
Hibbs E. A., Quarry & Bread, Phila., Pa.
McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.
McNeil Jas. & Bro. Co., Pittsburgh, Pa.
Meehan Boiler & Construction Co., Lowellville, O.
Mohr John & Sons, 349 W Illinois, Chicago, Ill.
NORTHERN ENGINEERING WORKS ("Newten"), 9 Chene, Detroit, Mich.
See adv index at end of book
Paxson J. W. Co. ("The Paxson-Colliau"), 1021 N Delaware av, Phila., Pa.
Sly W. W. Mfg. Co., 4700 Train av, Cleveland, O.
Sotter Bros., Pottstown, Pa.
Stewart Boiler Works, Worcester, Mass.
Whiting Foundry Equipment Co. (Also Portable), 157th & Halstead, Chicago, Ill.

3489—*Cupolas ("The Newten")

NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book

3490— Cupro-Uranium

Standard Chemical Co., Vanadium bldg, Pittsburgh, Pa.

3491— Cupro-Vanadium

American Vanadium Co., Pittsburgh, Pa.
Standard Chemical Co., Vanadium bldg, Pittsburgh, Pa.

Cups (Aluminum)

See Cups, Drinking, Collapsible

3492— Cups (Automobile)

Bossert Corp. (The) (Clutch Coil), Utica, N. Y. *See adv index at end of book*
Perry-Fay Mfg. Co., Elyria, O.
U. S. Automatic Co., Amherst, O.

3493— *Cups (Ball)

BOSSERT CORPORATION THE, Utica, N. Y. *See adv index at end of book*
Boston Pressed Metal Co. (To Order for Lawn Mowers, Sewing Machines, Roller Skates, Bicycles, Motor Cycles, etc), 169 Union, Worcester, Mass.
MATTHEWS MFG. CO., 104 Gold, Worcester, Mass. *See adv index at end of book*

3494—Cups (Bubbling, for Drinking Fountains)

Watrous Co. ("Watrous"), 14 E Jackson blvd, Chicago, Ill.

Cups (Carbon)

See Carbon Mfrs.

3494a— Cups (Color)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

3495—Cups (Drinking, Collapsible, Etc.)

Aluminum Container Corp., Fulton, N. Y.
Aluminum Goods Mfg. Co. (Aluminum), Manitowoc, Wis.
Aluminum Specialty Co., Manitowoc, Wis.
Aluminum Ware Mfg. Co., Inc., Elmira, N. Y.
American Thermos Bottle Co. ("Thermocups"), Norwich, Conn.
The Arlington Works (E. I. du Pont de Nemours & Co.), 21 E. 40th, New York
Buckeye Aluminum Co. (Aluminum), Wooster, O.
Cassady, Fairbank Mfg. Co. (Aluminum), 6126 S La Salle, Chicago, Ill.
Fargo E. A. Co. (Aluminum), Taunton, Mass.
Noera Mfg. Co. ("Noera" Collapsible Drinking Cups), Waterbury, Conn.
Scovill Mfg. Co., Waterbury, Conn.
See adv index at end of book
Standard Aluminum Co. (Aluminum), Two Rivers, Wis.
UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
Wilson Wyle T. (Paper), 1151 N 3rd, Pittsburgh, Pa.

Cups (Drinking, Paper)

See Cups, Paper

3496— *Cups (Elevator)

See also Buckets, Elevator & Conveying
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

3497—Cups (Force, Rubber)

Anderson Rubber Works, Anderson, Ind.
Beereis & Bossich Co. (Div. of the Bossich Co.), Bridgeport, Conn.
Bunnell W. H., 131 Worth, New York
Combination Rubber Mfg. Co., Bloomfield, N. J.
Continental Rubber Works, Erie, Pa.
Elkhart Rubber Works, Elkhart, Ind.
Empire Tire & Rubber Corp., East Trenton, N. J.
Hodgman Rubber Co., 8 W 40th, New York
Mattson Rubber Co., Lodi, N. J.
Mechanical Rubber Co. (Plumbers), Cleveland, O.
National India Rubber Co., Bristol, R. I.
Norwalk Mfg. Co., E. Norwalk, Conn.
Pennsylvania Rubber Co., Jeannette, Pa.
Quabaug Rubber Co., North Brookfield, Mass.
Quaker City Rubber Co., 629 Market, Phila., Pa.
Rubber & Celluloid Products Co., Newark, N. J.
Schacht Rubber Mfg. Co. ("Daisy"), Huntington, Ind.

3497a—*Cups (Grease Automobile)

BOSSERT CORPORATION (THE), Utica, N. Y. *See adv index at end of book*
Hamilton & De Loss Inc., Bridgeport, Conn.
LUNKENHEIMER CO. ("Mite," "Owl," "Reliance," "Lock," "Grip," "Guard," "Checklock," "Perro," "Securo," "Primo" & "Wingo"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book

Cups (Hand, Rubber)

See Cups, Force, Rubber

3498— Cups (Leather)

See also Gaskets, Rubber
Auer C. A., Corry, Pa.
Barwood L. J. Co. ("Barwood"), Stoneham Station, Boston, Mass.
See adv index at end of book
Detroit Leather Specialty Co. ("Wear Well"), 275 Beecher av, Detroit, Mich.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Etsiveiler William, 230 N 3rd, Phila., Pa.
Graton & Knight Mfg. Co., Worcester, Mass.
Houghton E. F. & Co. ("Vim," Hydraulic, etc), 240 Somerset, Phila., Pa.
Judd & Leland Mfg. Co., Clifton Springs, N. Y.
Marston I. G. & Co., 226 Ruggles, Boston, Mass.
Page Belting Co., Concord, N. H.
Schieren Chas. A. Co., 30 Ferry, New York

3498a— Cups (Match)

Estes E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*

3499— Cups (Measuring)

Cassady Fairbank Mfg. Co. (Aluminum), 6126 S La Salle, Chicago, Ill.
Chapman Co. ("Van Deusen" Tin), Geneva, N. Y.
Estes E. B. & Sons (Wood), 364 5th av, New York. *See adv index at end of book*
Fargo E. A. Co. (Aluminum), Taunton, Mass.
Lalance & Grosjean Mfg. Co. (Enameled Iron, Tin, etc), 299 B'way, New York
Sneath Glass Co. (Glass), Hartford City, Ind.

3499a— *Cups (Oil)

See also Lubricators, Oil & Grease Cup
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book

3500— Cups (Paper)

American Blank Book Mfg. Co. (Drinking Everlasting), 150 Lafayette, New York
American Paper Goods Co., Kensington, Conn.
American Water Supply Co., 251 Causeway, Boston, Mass.
Baum Bros. Co., Denver, Colo.
Brown Bag Filling Machine Co. (Flat, Drinking), Fitchburg, Mass.
Burnitol Mfg. Co., Orient av, Boston, Mass.
Chicago Oyster Pail Co., 504 S Green, Chicago, Ill.
Dennison Mfg. Co., 26 Franklin, Boston, Mass.
Gair Robert Co., 50 Washington, Bklyn, N. Y.
Individual Drinking Cup Co., 220 W 19th, New York
John Mfg. Co. (Glasses), Springfield, O.
Kimpton Ed. Co., 60 John, New York
Kuhmarker Mfg. Co., 260 West, New York
Lily Cup Co., 120 B'way, New York
Mansell-Hunt-Catty & Co., 22 Reade, New York
Milwaukee Lace Paper Co., Milwaukee, Wis.
Nelson L. H. Co., Portland, Me.
Public Service Cup Co. ("Lily Cup"), 168 39th, Brooklyn, N. Y.
Purity Specialties Co., Denckla bldg, Phila., Pa.
Sanitary Paper Cup Co. ("Sanasep"), 17 Harcourt, Boston, Mass.
Sayford Paper Specialty Co., Vineland, N. J.
Spangler E. J. Co., 1237 N Howard, Phila., Pa.
Standard Drinking Cup Co., Pittsburgh, Pa.
Stone & Forsyth Co. (Drinking & Sputum Cups), 67 Kingston, Boston, Mass.
Universal Envelope Co. Inc. (Flat Drinking), 13 Park row, New York
Vortex Mfg. Co. ("Vortex"), 421 N. Western av, Chicago, Ill.
Wayne Paper Goods Co., Fort Wayne, Ind.
Wilson Wylie T. (Collapsible), 1151 No. 3rd, Phila., Pa.
Wolf Bros. ("Standard"), 330 N 12th, Phila., Pa.

3501—Cups (Plumbers' Soil)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Johnson Wm. (Hedenberg Works), Newark, N. J.
Knapp Mfg. & Supply Co., 241 Water, New York
Osborne C. S. & Co., Harrison, N. J.
Stortz Jno. & Son, 210 Vine, Phila., Pa.

3502— Cups (Porous)

Maddock John & Sons, Trenton, N. J.
Ohio Pottery Co. (Medium Hard Burned Clay), Zanesville, O.
See adv index at end of book
Robinson Clay Product Co., Akron, O.

3503— Cups (Priming)

American Lubricator Co., Summit & Wabash Ry, Detroit, Mich.
Detroit Brass Works, Detroit, Mich.
Duryea C. E. Co. ("Durtout"), Saginaw, Mich.
Edelmann E. & Co., 341 E Ohio, Chicago, Ill.
Fidelity Brass Mfg. Co., 1001 Wash blvd, Chicago, Ill.
Hancock Mfg. Co., Charlotte, Mich.
Imperial Brass Mfg. Co. (For Automobile & Motor Boat), 524 S Racine av, Chicago, Ill. *See adv index at end of book*
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McRAE & ROBERTS CO. (For Automobiles), 227 Campbell av, Detroit, Mich.
See adv index at end of book
Michigan Lubricator Co., 661 Beaubien, Detroit, Mich.
Michigan Motor Specialties Co. ("Becco"), Detroit, Mich.
Morgan Mfg. Co., Newport, R. I.
National Brass Mfg. Co., Rochester, N. Y.
Powell Wm. Co., Cincinnati, O.
Roberts Brass Mfg. Co., Detroit, Mich.
Standard Brass Works, 97 Wight, Detroit, Mich.
Sterling & Skinner Mfg. Co., 2672 E Grand blvd, Detroit, Mich.
Swenson B. A., 522 Broad, Providence, R. I.
Utility Compressor Co., 355 Harper, E Detroit, Mich.
Williams D. T. Valve Co., Cincinnati, O.

3503a— Cups (Spit)

Estes E. B. & Sons (Wooden), 364 5th av, New York *See adv index at end of book*

3503b—Cups (Sputum, Porcelain & Metal)

Baum Bros. Co. (Sanitary), Denver, Colo.
Franks-Sani-Cover Supply Co. ("Sani-Cover"), Cambridge, Mass.

3504— Cups (Turpentine)

Herty Turpentine Cup Co., Jacksonville, Fla.
Krager Turpentine Cup Co., Daisy, Tenn.
Lario Patent Cup Co., Mobile, Ala.
N. E. Turpentine Cup Co., Mobile, Ala.
New Orleans Roofing & Metal Co., Cortez & Orleans (Galvanized Iron), New Orleans, La.
Pringle Turpentine Cup Co., Biloxi, Miss.

3505— *Cups (Wiper)

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

3506— *Cups (Wooden)

ESTES E. B. & SONS (Caster, Dice, Pin, Quassia, etc), 364 5th av, New York
See adv index at end of book

3507— Curbing (Vitrified)

American Sewer Pipe Co., Akron, O.

3508— Curbing (Well)

Bates E. E. & J. H. ("Bates," "Excelsior"), Arlington, Providence, R. I.
Harry O. K. Steel Works (Corrugated Steel), Dallas, Tex.
Kretchmer Mfg. Co. (Corrugated Steel), Council Bluffs, Ia.
New Orleans Roofing & Metal Co. (Galvanized), Cortez & Orleans, New Orleans, La.

3509— Curbs (Valve)

American District Steam Co. (Cast Iron for Steam Underground Work), North Tonawanda, N. Y.
Central Station Steam Co. (Manhole), 710 Woodbridge, E Detroit, Mich.

3510— Currycombs

Bailey C. J. & Co. ("Black Beauty," Rubber), 22 Boylston, Boston, Mass.
Decker Mfg. Co. ("Arc Spring"), Keokuk, Ia.
Fitch W. & E. T. Co., New Haven, Conn.
Hills Edwin, Plainville, Conn.
Jackes-Evans Mfg. Co., Main & Tyler, St. Louis, Mo.
Kohler F. E. Co. ("Kohler," All Steel or Brass, "Magic," "Humane"), Canton, O.
Matthews & Willard Mfg. Co., Waterbury, Conn.
National India Rubber Co. (Rubber), Bristol, R. I.
New York Stamping Co. ("Eclipse," "Reform"), N 11th & Berry, Brooklyn, N. Y.
Niagara Falls Metal Stamping Works ("Niagara" & "Ideal"), Niagara Falls, N. Y.
Southington Hardware Co. ("Scott"), Southington, Conn.
Union Furnace Mfg. Co., Union Furnace, Pa.
Weber & Kirch Mfg. Co. ("Winner," "Alston's" Spring Handle), Keokuk, Ia.
Whirrett Bros., Delphos, O.
Williamsport Staple Co., Williamsport, Pa.
Wisconsin Metal Products Co. ("Advance," "Perfect," "Hunter," "Toothless"), Racine, Wis.

Curtains (Car)

See Car Curtains & Materials

3511—Curtains (Locomotive Cab)

ATLANTA TENT & AWNING CO., Atlanta, Ga.
Curtain Supply Co., 320 W Ohio, Chicago, Ill.
Zittlosen Mfg. Co., St. Louis, Mo.

3512—Curtains (Rubber Bath)

Empire Rubber Co., 126 W 22d, New York
Hodgman Rubber Co., 8 W 40th, New York
Kleinert I. B. Rubber Co., 725 B'way, New York

3512a—Curtains (Shower Bath)

Sanitary Raincoat Co., 85 Warren, New York

Curtains (Steel Rolling)

See Shutters, Steel Rolling

3513—Cushions, Beds & Pillows (Air, Rubber)

Athol Mfg. Co., Athol, Mass.
Davol Rubber Co., 69 Point, Providence, R. I.
Faultless Rubber Co. (Operating, etc), Ashland, O.
Goodrich B. F. Co., Akron, O.
Parker-Stearns & Co. (Invalid Operating, etc), 286 Sheffield av, Brooklyn, N. Y.
Tyer Rubber Co., Andover, Mass.

3514—Cushions (Billiard & Pool Table)

Boston Belting Corp., 84 Linden Park, Boston, Mass.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mattson Rubber Co., Lodi, N. J.
New York Belting & Packing Co., 91 Chambers, New York
Revere Rubber Co., Chelsea, Mass.

3515— Cushions (Boat, Etc.)

Fogg M. W., 202 Front, New York
Hodgman Rubber Co., 8 W 40th, New York
Metropolitan Air Goods Co., Reading, Mass.
Pneumatic Mfg. Co. ("Peerless," "Butler"), 123 Pacific, Brooklyn, N. Y.
Racine Auto Top Co., Racine, Wis.
Robinson-Roders Co. ("Ilanaisilk" Cushions, Safety Pillows, Life Preservers & Safety Mattresses for Boats), 27 N. J. R. R. av, Newark, N. J.

3516—Cushions (Canvas, Outing)

Buckeye Tent & Awning Mfg. Co., 264 Spruce, Columbus, O.
Carpenter Geo. B. & Co., 440 N Wells, Chicago, Ill.
Wyandotte Awning & Tent Co., Kansas City, Kans.

3517—Cushions (Engine & Caboose)

ATLANTA TENT, AWNING & MFG. CO., Atlanta, Ga.
Cincinnati Cushion Co., 116 Opera pl, Cincinnati, O.
Curtain Supply Co., 320 W Ohio, Chicago, Ill.

3518— Cushions (Heel)

See also Heels, Rubber

Essex Rubber Co. ("Soft Spots"), Trenton, N. J.
Foster Rubber Co., 105 Federal, Boston, Mass.
Gilbert E. T. Mfg. Co., Rochester, N. Y.

3518a—Cushions (Nailing Soundproof)

Flexner-Taylor Co., Ltd. ("Flexner"), 786 East Broadway, So Boston, Mass.

3519—Cushions (Telephone Receiver)

Davol Rubber Co. (Pneumatic), 69 Point, Providence, R. I.
Holtzer-Cabot Elec. Co., 125 Amory, Boston, Mass.
Miller Rubber Co. (Pneumatic), Akron, O.

3520— Cuspidors

Aldrich Mfg. Co. (Brass), Buffalo, N. Y.
Aluminum Co. of Am. (Aluminum), Oliver bldg, Pittsburgh, Pa.
See adv index at end of book
American Metal Ware Co. (Brass), 368 W Huron, Chicago, Ill.
Aluminum Ware Mfg. Co., Inc., Elmira, N. Y.
Arcade Mfg. Co. ("Arcade," Brass Cast), Freeport, Ill.
Bridgeport Brass Co. (Brass & Self-Righting), Bridgeport, Conn.
Buckeye Aluminum Co. ("Real Solid" Aluminum), Wooster, O.
Buffalo Mfg. Co. (Brass, etc), Buffalo, N. Y.
Burnitol Mfg. Co. (Paper), Orient av, Boston, Mass.
Cartwright Bros. Co. (White, Earthenware), E Liverpool, O.
Central Stamping Co. (Polished & Nickel Plated Brass Self-Righting, etc), 172 Fulton, New York
Cheney S. & Son (Cast Iron), Manlius, N. Y.
Clark A. C. & Co. (Brass Fountain Spittoons), 1035 E 76th, Chicago, Ill.
Columbian Enameling & Stamping Co. (Enameled Iron), Terre Haute, Ind.
Dover Stamping & Mfg. Co. (Cast Iron, Porcelain-Lined, Self-Righting; also Tin, Various Colors), Cambridge, Mass.
Excelsior Brass Works, Reading, Pa.
Farber S. W. (Brass & Copper), 147 So 5th, Brooklyn, N. Y.
Fibre Corporation ("Fibrotta" Indurated Fibre), Lockport, N. Y.
Franks Sani-Cover Supply Co. ("Sani-Cover"), Cambridge, Mass.
GEUDER, PAESCHKE & FREY CO. (Japanned & Enameled), Milwaukee, Wis. *See adv index at end of book*
Goodrich B. F. Co. (Rubber), Akron, O.
Gould-Mersereau Co. (Brass), 52 W 38th, New York
Hews A. H. & Co. (Earthenware), Cambridge, Mass.
Illinois Pure Aluminum Co. (Aluminum), Lemont, Ill.
Indiana Foundry Co. (Cast Iron), Indiana, Pa.
Indiana Hollow Ware Co. (Enameled Cast Iron), Jeffersonville, Ind.
Ireland & Matthews Mfg. Co. (Brass & Nickel, Self-Righting), Detroit, Mich.
Lalance & Grosjean Mfg. Co. (Enameled), 299 B'way, New York
Lisk Manufacturing Co. (Ltd.) ("Lisk" Enameled), Canandaigua, N. Y.
Manhattan Brass Co. (Brass), 332 E 28th, New York
Manning, Bowman & Co. (Brass, Nickeled, Enamel & Tin), Meriden, Conn.
Marietta Hollow Ware & Enameling Co. (Enameled), Marietta, Pa.
Midland Metal Co. (Brass, Bronze & Plated), 21st & Jefferson, Phila., Pa.
National Aluminum Works, Elmira, N. Y.
National Enameling & Stamping Co. (Sheet Metal), 411 5th av, New York
National India Rubber Co. (Rubber), Bristol, R. I.
New England Enameling Co. ("Ideal" Enameled Ware), Middletown, Conn.
Peters & Reed Pottery Co. (Terra Cotta Hand Painted), Zanesville, O.
Pick Albert & Co., 212 W Randolph, Chicago, Ill.
Porcelain Enameling Assn. of Amer. ("Polar Brand," Seamless, Porcelain Enameled), Sheboygan, Wis.
Ray Geo. A. Mfg. Co. (Brass & Nickel Plated, Self-Righting, Weighted Bottom, etc), Buffalo, N. Y.
Rochester Stamping Co. (Enameled Metal), Rochester, N. Y.
Rostand Mfg. Co. ("Rostand" Brass, German Silver, Nickel & Bronze), Milford, Conn.
St. Louis Car Co. (Car), 8000 N B'way, St. Louis, Mo.
Schlesinger Leo. & Co. (Metal), 66 Wooster, New York
South Bend Foundry Co. (Cast Iron, Movable Top), South Bend, Ind.
Stone & Forsyth Co. ("Hygienic" Paper), 67 Kingston, Boston, Mass.
Strong Mfg. Co. (Enameled, Seamless, Flaring & Removable Top), Sebring, O.
Sutterly G. T. & Co., 23d & Hamilton, Phila., Pa.
Sweeney W. H. Mfg. Co. (Nickeled, Brass & Tin & Self-Righting, etc), 30 Main, Brooklyn, N. Y.
Swett A L. Iron Works (Cast Iron), Medina, N. Y.
Thompson C. C. Pottery Co. (Porcelain), East Liverpool, O.
Vogel Wm. & Bros. (Nickel Plated Steel & Copper with Removable Hopper), 37 S 9th, Brooklyn, N. Y.
Vollrath Co. ("Vollrath," Seamless Steel & Cast Iron), Sheboygan, Wis.
Weber Dental Mfg. Co. (Fountain), Canton, O.
Weller Hardware & Foundry Co. (Cast Iron), Horseheads, N. Y.
Wolfson Tray Co. (Sanitary Paper), Columbus, Ga.

3521— Cutch

Demarest Chas. H. (Imp), 150 Water, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Innis, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*
Marden, Orth & Hastings Co. ("Golden" for Tanneries, also Khaki), 61 Broadway, New York
Rice Edward E. & Co. (Imported), 620 Atlantic av, Boston, Mass.
Worden Chemical Works(Imp), 4 Cedar, New York

3522— Cutlery Mfrs.

Acme Shear Co. (Shears, Scissors, etc), Bridgeport, Conn.
Aerial Cutlery Mfg. Co., Marinette, Wis.
American Cutlery Co. (Table Cutlery), 764 Mather, Chicago, Ill.
American Silver Co. (Table Cutlery), Bristol, Conn.
Associated Silver Co. ("Yourex" Specialties), 5 S Wabash av, Chicago, Ill.
Bannister A. F. & Co. (Pocket, etc), Newark, N. J.
Bison Mfg. Co. (Razor Strops, Cutlery Specialties), Little Valley, N. Y.
Boker Herman Cutlery & Hdwe. Co., Inc. ("Tree Brand"), 101 Duane, New York
Browne W. G. Mfg. Co., Kingston, N. Y.
Buffalo Knife Co., Buffalo, N. Y.
Camillus Cutlery Co., Camillus, N. Y.
Canton Cutlery Co. ("C. C. Co." Pocket Knives, High Grade, Transparent Handle Pocket Knives, Razors, Shoe Buttoners, Ink Erasers, etc), Canton, O.
Carrier Cutlery Co., Elmira, N. Y.
Case W. R. & Sons Cutlery Co., Bradford, Pa.

CUTLERY MFRS.—continued

Cattaraugus Cutlery Co. (Pocket Knives, Razors, Shears, etc), Little Valley, N. Y.
Challenge Cutlery Corporation (Pocket Knives & Razors), Bridgeport, Conn.
Chatillon Jno. & Sons, 85 Cliff, New York
Christy Knife Co. (Bread, Cake, Ham & Kitchen Knives, Druggists' Spatulas & Lemon Slicers), Fremont, O.
Clark Bros. Cutlery Co. (Pocket Cutlery & Shears), 926 Broadway, Kansas City, Mo.
Clauberg F. A. & Co. (Table), 27 Park pl, New York
Clauss Shear Co., Fremont, O.
Clayton Bros. (Inc.), Bristol, Conn.
Clement Mfg. Co. (Table), Northampton, Mass.
Clyde Cutlery Co. (Butcher, Bread & Kitchen Knives, etc), Clyde, O.
Crescent Mfg. Co., Fremont, O.
Cronk & Carrier Mfg. Co., Elmira, N. Y.
Divine Dwight & Son (Pocket & Fine Pen Knives), (Trade Mark, "Ulster Knife Co." & "Ellenville Knife Co."), Ellenville, N. Y.
Empire Knife Co. (Pocket Cutlery), Winsted, Conn.
Enderes Inc., Albert Lea, Minn.
Foster Bros. & Chatillon Co. (Pocket, Kitchen & Butchers' Cutlery), Fulton, N. Y.
Geneva Cutlery Co. (Razors, Shears, etc), Geneva, N. Y.
Glogau & Co. (Knives & Scissors of All Kinds), Dickey bldg, Chicago, Ill.
Goodell Co. (Carving & Table Cutlery), Antrim, N. H.
Graef & Schmidt ("J. A. Henckle's Twin Brand" Imp.), 107 Chambers, New York
Harrington Cutlery Co. ("Dexter," Butcher, Cheese, Shoe, Bread & Kitchen, etc), Southbridge, Mass.
Hart H. C. Mfg. Co. (Hollow Handle, Knife & Fork, Rolled Steel, Nickel Plated), Union, Conn.
Havell Mfg. Co. (Metal Goods), 284 Washington, Newark, N. J.
Henkel Co., Fremont, O.
Herbrand Co., Fremont, O.
Holley Mfg. Co. (Pocket), Lakeville, Conn.
International Silver Co. (Silver Plated, etc), Meriden, Conn.
Kastor A. & Bros. ("Camillus," "W. H. Morley & Sons"), 109 Duane, New York
Knickerbocker Mfg. Co. (Knives, etc), Belleville, N. J.
Koch F. A. & Co., 524 B'way, New York
Korn Geo. W. Razor Mfg. Co. (Razors, Straps & Hones), Little Valley, N. Y.
Lamson & Goodnow Mfg. Co. (Table Cutlery, Carvers, Butchers', Painters' & Druggists' Knives), Shelburne Falls, Mass.
Landers, Frary & Clark ("Universal" Pearl, Ivory & Celluloid Handle Table Cutlery, Carving Sets, etc), New Britain, Conn.
Lothrop H. A. & Co. ("J. Ames," "J. Sanger"), Sharon, Mass.
Marble Arms & Mfg. Co. (Pocket & Hunting Knives, Pocket Axes, etc), Gladstone, Mich.
Meriden Cutlery Co. (Cheese, Broad, etc), Meriden, Conn.
Miller Bros. Cutlery Co. (Pocket, etc), Meriden, Conn.
Morris Cutlery Co., Morris, Ill.
Murphy's Robt Sons Co., Ayer, Mass.
Napanoch Knife Co. (Pocket), Napanoch, N. Y.
New York Knife Co. (Pocket Knives & Table Cutlery), 225 5th av, New York. Works: Walden, N. Y.
NICHOLS BROS. ("Nichols Bros.") (Table Knives, Silver Plated), Greenfield, Mass.
Northampton Cutlery Co. (Table Cutlery), Northampton, Mass.
Northfield Knife Co. (Pocket Cutlery, Shears, etc), Northfield, Conn.
Novelty Cutlery Co. (Pocket Knives, Razors, Folding Scissors, Ink Erasers, Dirk Knives, Letter Openers, Shoe Buttoners, Scalpel Lances, Souvenir Knives, etc), Canton, O.
O. S. T. Cutlery Co., 56 Summer av, Newark, N. J.
Ontario Knife Co. (Table, etc), Franklinville, N. Y.
Philadelphia Novelty Mfg. Co. (Cutlery Novelties), 13th & Noble, Phila., Pa.
Robeson Cutlery Co. (Pocket, etc), Rochester, N. Y.
Rogers Wm. A. (Ltd.), Northampton, Mass.
Ross Jos. & Co. (Corn, Knives, Ink Erasers, etc), Irvington, N. J.
Russell Jno. Cutlery Co. (Carvers, Table Cutlery, etc), Turners Falls, Mass.
Schatt & Morgan Cutlery Co. (Pocket Knives), Titusville, Pa.
Schnefel Bros., 684 S 17th, Newark, N. J.
Schrade Cutlery Co. (Pocket Knives), Walden, N. Y.
Silberstein A. L. ("Griffon" Imp.), 600 W 157th, New York
Silver Plate Cutlery Co. (Electro Silver Plated Table Cutlery), Shelton, Conn.
Sperry & Alexander Co. ("Centaur," Pocket Knives, etc, Also Importers), 79 Chambers, New York
Thomaston Knife Co. (Pocket Knives), Thomaston, Conn.
Tuck Mfg. Co. (Shoe & Banana Knives, etc), Brockton, Mass.
Union Cutlery Co. (Razors, Pocket Knives, etc), Olean, N. Y.
United States Cutlery Co., Fremont, O.
Walden Knife Co. (Press-Button Pocket Knives), Walden, N. Y.
Wallace R. & Sons Mfg. Co. (Silver Plated Table Cutlery, etc), Wallingford, Conn.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.
Western States Cutlery & Mfg. Co., Boulder, Colo.
White Ira F. & Son Co., Bloomfield, N. J.
Williams Bros. Mfg. Co. (Silver Plated Table Cutlery, etc), Glastonbury, Conn.
Wiss J. & Sons Co. (Shears, Scissors, Razors, etc), 31 Littleton av, Newark, N. J.
Woodworth Knife Works, Nunda, N. Y.

3523— Cut-Offs (Rain Water)

Berger Mfg. Co., Canton, O.
Chattanooga Roofing & Fdry. Co. ("Perfection"), Chattanooga, Tenn.
Conductor Fitting Co. ("Crary's"), Marietta, O.
EDWARDS MFG. CO., 545-565 Egleston av, Cincinnati, O.
See adv index at end of book
Eller Mfg. Co., Canton, O.
Klauer Mfg. Co. ("Perfection"), Dubuque, Ia.
Messenger & Parks Mfg. Co., Aurora, Ill.
Milwaukee Corrugating Co., Milwaukee, Wis.
Ohio Corrugating Co., Warren, O.
Sullivan-Geiger Co. ("Centennial"), Indianapolis, Ind.
Whitaker-Glessner Co., Wheeling, W. Va.
Young Mfg. Co. ("Young"), Bellevue, Ia.

3524— Cut-Outs (Arc Light)

Brady Electric Mfg. Co., New Britain, Conn.
Bryant Electric Co. ("Bryant-Cleveland"), Bridgeport, Conn.
Cutter Geo. Co., South Bend, Ind.
Lundin Electric & Machine Co., 10 Thatcher, Boston, Mass.
Philadelphia Electrical & Mfg. Co. ("Phila." Absolute), 1236 N 31st, Phila., Pa.
Troy Electrical Co. ("Powers"), Troy, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

3525— Cut-Outs (Battery)

Arrow Electric Co. ("Arrow" Electric Plug), Hartford, Conn.
Electric Goods Mfg. Co. (Automatic Sectional), Canton, Mass.

3525a— Cut-Outs (Fuse)

Chicago Fuse Mfg. Co. ("Union"), 1014 W Congress, Chicago, Ill.
D. & W. Fuse Co., Hathaway, Providence, R. I.
Elec. Fuseguard Co., 60 Shipman, Newark, N. J.
Hart & Hegeman Mfg. Co., 342 Capital av, Hartford, Conn.
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
Schweitzer & Conrad Inc., 1770 Berteau av, Chicago, Ill.

3526—Cut-Outs (Incandescent)

(Rosettes & Branch Blocks)

Adam Frank Elec. Co., 914 Pine, St. Louis, Mo
Barkelew Elec. Mfg.. Co., Middletown, O.
Bryant Electric Co., Bridgeport, Conn.
C. & P. Elec. Wks, Springfield, Mass.
Condit Elec'l Mfg. Co., 1st & L, Boston, Mass.
Connecticut Elec. Mfg. Co., Bridgeport, Conn.
Crouse, Hinds Co. ("Norbitt"), Syracuse, N. Y.
Cutter Geo. Co. (Fuse Blocks), S. Bend, Ind.
Dale Lighting Fixture Co., 107 W 13th, New York
Foote, Pierson & Co. (Telephone Storage Battery), 160 Duane, New York
Freeman E. H. Elec. Co., Trenton, N. J.
GENERAL ELECTRIC CO. (Arc & Incandescent), **Schenectady, N. Y.**
See adv index at end of book
Heinemann Geo. (Plug & Pane), 500 W Girard av, Phila., Pa.
Holtzer-Cabot Electric Co. (Battery, etc.), 125 Amory, Boston, Mass.
Ideal Switch & Machy. Co., Plainville, Conn.
Manhattan Elec'l Supply Co., 17 Park pl, New York *See adv index at end of book*
Metropolitan Engineering Co., 1250 Atlantic av, Brooklyn, N. Y.
Mutual Electric & Mach. Co., Wheeling, W. Va.
Paiste H. T. Co. ("Shaffer," "K. W.," "P. K.," "Taplets"), 3201 Arch, Phila., Pa.
Sears Henry D. ("Weber" Plug), 80 Boylston, Boston, Mass.
Tregoning Electric Mfg. Co., Cleveland, O.
Trumbull Electric Mfg. Co. ("Kappa"), Plainville, Conn.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Worcester Electric & Mfg. Co., Worcester, Mass.

Cut-Outs (Rain Water)

See Cut-Offs, Rain Water

3527— Cut-Outs (Telephone)

Johns H. W.-Manville Co., Madison av & 41st, New York
Lafayette Electric & Mfg. Co., Lafayette, Ind.

3528—Cut-Outs (Transformer)

Bryant Electric Co., Bridgeport, Conn.
Condit Elec'l Mfg. Co., 1st & L, Boston, Mass.
D & W Fuse Co. (& Junction, Oil Fuse Cut-Outs), Hathaway, Providence, R. I.
Delta-Star Electric Co. (High Voltage), 2437 Fulton, Chicago, Ill.
Johns H. W.-Manville Co., Madison av & 41st, New York
Metropolitan Engrg. Co., 35 Vestry, New York
Pass & Seymour ("P. & S."), Solvay, N. Y.
Phila. Electrical & Mfg. Co., 1236 N 31st, Phila., Pa.
Pittsburgh Transformer Co., Adams & Preble av, Pittsburgh, Pa.
Schweitzer & Conrad, 1770 Berteau av, Chicago, Ill.
Wagner Elec. Mfg. Co., 6400 Plymouth, St. Louis, Mo.
WESTINGHOUSE ELECTRIC & MFG. Co., East Pittsburgh, Pa.
See adv index at end of book

When writing to firms whose names appear in this book please mention
HENDRICKS' COMMERCIAL REGISTER.

3529— Cutters (Alfalfa)

ABBE ENGINEERING CO., 220 B'way, New York. *See adv index at end of book*
Kalamazoo Tank & Silo Co., Kalamazoo, Mich.
Letz Mfg. Co., Crown Point, Ind.
Ross E. W. Co., Springfield, O.
Silver Mfg. Co. ("Silver," "Cut Fine"), Salem, O.
Smalley Mfg. Co., Manitowoc, Wis.
Stearns E. C. & Co. ("New Model"), 450 Oneida, Syracuse, N. Y.
Stover Mfg. Co., Freeport, Ill.
Wilder-Strong Implement Co. ("No. 6"), Monroe, Mich.
Wilson Bros. ("Gem"), Easton, Pa.
See adv index at end of book

Cutters (Angle Iron)

See Angle-Iron Cutting Machines, Hand Power

3530— Cutters (Angular)

BECKER MILLING MACHINE CO., Hyde Park, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Cowles Tool Co., 2086 W 110th, Cleveland, O.
Clough R. M., Tolland, Conn.
Ingersoll Milling Machine Co., Rockford, Ill.
Lincoln-Williams Twist Drill Co., Taunton, Mass.
Morse Twist Drill & Machine Co., New Bedford, Mass.
NATIONAL TOOL CO. ("National-Cleveland"), Cleveland, O.
See adv index at end of book
National Twist Drill & Tool Co., Detroit, Mich.
Pratt & Whitney Co., Hartford, Conn.
Standard Tool Co., 6900 Central av, Cleveland, O.
Surerus & Greenhill, 502 W Division, Chicago, Ill.
Thurston Mfg. Co., 140 Benedict, Providence, R. I.
Union Twist Drill Co., Athol, Mass.

3531—Cutters (Arc Lamp Carbon)

Lundin Elec. & Machine Co., 10 Thatcher, Boston, Mass.

3532— Cutters (Axle)

Butterfield & Co., Derby Line, Vt.
Keller Mfg. Co. ("Keller"), 1325 N. E. Quincy, Minneapolis, Minn.

Cutters (Belt)

See Belt Cutting Machines

3533—Cutters (Board Matcher)

Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*

Cutters (Boiler Tube)

See Cutters, Flue

Cutters (Bolt)

See Bolt Cutting Machines; also Clippers, Bolt & Rivet

Cutters (Bone)

See Mills, Bone & Shell

3534— Cutters (Bread)

See also Slicing Machines, Bread & Meat
Buffalo Specialty Co. ("Lightning"), 375 Ellicott, Buffalo, N. Y.
Smith's John E. Sons Co., Buffalo, N. Y.
Thurnauer G. M. Co., 6 E 20th, New York

3535—Cutters (Brick & Drain Tile)

American Clay Machinery Co. (Automatic), S Walnut, Bucyrus, O.
Arnold-Creager Co., New London, O.
Bonnot Company (Revolving), Canton, O.
Brewer H. & Co., Tecumseh, Mich.
Cox R. E. (Mrs. G. S.), East Liverpool, O.
Freese E. M. & Co. (Automatic Brick), Galion, O.
Marion Machine Foundry & Supply Co., Marion, Ind.

3536— Cutters (Broom)

Walrath Alphonso Co. ("Hurt"), Fort Plain, N. Y.

3537— Cutters (Butter)

See also Butter Cutting & Printing Machines
Cleveland Galvanizing Works Co., 3924 Cooper av, Cleveland, O.
Standard Butter Cutter Co., 244 Greenwich, New York

3538— Cutters (Button Hole)

Compton W. H. Shear Co. ("Compton"), 314 Camden, Newark, N. J.
Eyelet Tool Co., 40 Lincoln, Boston, Mass.
Kraeuter & Co., 583 18th av, Newark, N. J.
National Cutlery Co. ("National"), Westmoreland & Boudinot, Phila., Pa.
Wiss J. & Sons Co. ("Bauers"), 31 Littleton av, Newark, N. J.

Cutters (Cabbage Core, Etc.)

See Corers, Cabbage

3539— Cutters (Cake)

Central Stamping Co. (& Doughnut), 172 Fulton, New York
National Enameling & Stamping Co. (Plain & Fancy), 411 5th av, New York

3540—Cutters (Canada Thistle)

Gaterman Mfg. Co., Maniotowoc, Wis.

Cutters (Card)

See Card Cutting Machines

3541—Cutters (Carving Machine)

Redin John E., Rockford, Ill.
Porter C. O. Machinery Co., Grand Rapids, Mich.
Valley City Machine Works, Grand Rapids, Mich.

3542—Cutters (Cast Iron Pipe)

Rodefeld Mfg. Co., Richmond, Ind.
Smith A. P. Mfg. Co., East Orange, N. J.
Walworth Mfg. Co. ("Hall"), Boston, Mass.

3543— Cutters (Cheese)

American Computing Co. ("Perfection" Computing), Indianapolis, Ind.
Anderson Computing Scale Co. (Computing), Anderson Ind.
Computing Cheese Cutter Co. ("Safe," Computing), Anderson, Ind.
Enterprise Mfg. Co. of Pa. (Self-Gauging), 3rd & Dauphin, Phila., Pa.
Ideal Mfg. Co. (Computing), Anderson, Ind.
Standard Mfg. Co., Auburn, Ind.
Stortz John & Son (Revolving Table), 210 Vine, Phila., Pa.

3544— Cutters (Cigar)

Bates & Bacon, Attleboro, Mass.
Bedortha Bros., Windsor, Conn.
Brunhoff Mfg. Co. (Cutter & Lighter Combined), 9th & Freeman, Cincinnati, O.
Crescent Mfg. Co., Fremont, O.
Dolphin Cutlery Co., 3 W 29th, New York
Emrich Phil (For Cigar Makers), 824 Main, Cincinnati, O.
Grammes L. F. & Sons (Pocket & Counter), Allentown, Pa.
See adv index at end of book
Havell Mfg. Co., 284 Washington, Newark, N. J.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Individual Key Ring Co., Hartford, Conn.
K. & O. Co., 366 Butler, B'klyn, N. Y.
King Klip Co., 1328 B'way, New York
Levy Robt. Co., 119 Sussex, Newark, N. J.
Miller, Du Brul & Peters Mfg. Co., 507 E Pearl, Cincinnati, O.
Taylor Mfg. Co., Hartford, Conn.

3544a—*Cutters (Circular Cork or Paper)

Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

Cutters (Cloth)

See Cutting Machines, Cloth

3545— Cutters (Clover)

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
Belcher & Taylor Agricultural Tool Co. ("Chicken"), Chicopee Falls, Mass.
Freeman Mfg. Co., Racine, Wis.
Heebner & Sons ("Heebner's Union"), Lansdale, Pa.
Humphey & Sons, Joliet, Ill.
Mann F. W. Co., Milford, Mass.
Ross E. W. Co., Springfield, O.
Silver Mfg. Co. ("New Model"), Salem, O.
Smalley Mfg. Co., Manitowoc, Wis.
Wilson Bros. ("Gem"), Easton, Pa.
See adv index at end of book

Cutters (Convex & Concave)

See Cutters, Milling

3546—Cutters (Corner Rounding)

NATIONAL TOOL CO. ("National-Cleveland"), Cleveland, O.
See adv index at end of book
Pratt & Whitney Co., Hartford, Conn.
Union Twist Drill Co., Athol, Mass.

3547—Cutters (Drawer Construction)

Redin, Ekstrom & Co. ("Rockford" for Tenoning Machines), Rockford, Ill.

3548— Cutters (Dredge)

Norbom Engineering Co. (For Hydraulic Dredges), Denckla bldg, Phila., Pa.

3549— Cutters (Ear Corn)

Fleming & Sons Mfg. Co., Huntsville, Mo.
Ideal Gas Engine Co., Independence, Ia.
Jeschke Mfg. Co., Bellevue, O.
Sandwich Mfg. Co. ("Dean"), Sandwich, Ill.
Smalley Mfg. Co., Manitowoc, Wis.
Voss Bros. Mfg. Co. ("Little Giant"), Davenport, Ia.

3549a—*Cutters (Electric Wire)

Porter H. K. ("Boston"), 76 Ashland, Everett, Mass.
See adv index at end of book

3550—Cutters (Emery Wheel Dresser)

Braunsdorf-Mueller Co., Elizabeth, N. J.
Calder Geo. H., Lancaster, Pa.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Vincent Steel Process Co., 751 Bellevue av, Detroit, Mich.

3551— Cutters (Ensilage)

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
Ames Plow Co ("Dr. Baileys"), Quincy Hall, Boston, Mass.
Appleton Mfg. Co. ("Appleton," "New Hero"), Batavia, Ill.
Associated Manufacturers' Co., Waterloo, Iowa
Automatic Carrier Co. ("A. C. Co.,"), Juneau, Wis.
Batavia Machine Co., Batavia, N. Y.
Belcher & Taylor Agricultural Tool Co., ("Baldwin," "Gale-Baldwin," "Lion"), Chicopee Falls, Mass.
Belle City Mfg. Co. ("Belle City"), Racine, Wis.
Conner J. W. & Son (Cutter & Swivel Carrier), Orangeville, Pa.
Daniels Machine Co., S Royalton, Vt.
Dick Jos. Mfg. Co. ("Blizzard," "Famous," "Leader"), Canton, O.
Doylestown Agricultural Co. ("Advance," Pneumatic), Doylestown, Pa.
Eagle Mfg. Co., Appletown, Wis.
Ellis Keystone Agricultural Works ("Keystone"), Pottstown, Pa.
N. Y.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Foster & Williams Mfg. Co. ("Victor"), Racine, Wis.

CUTTERS (ENSILAGE)—continued

Freeman Mfg. Co., Dept O, Racine, Wis.
Gehl Bros. Mfg. Co. ("Silverzahn"), West Bend, Wis.
Globe Foundry & Machine Co., Sheboygan, Wis.
Gould Balance Valve Co. ("Iowa"), Kellogg, Ia.
Hamachek Frank ("Giant"), Kewaunee, Wis.
Harrison W. R. & Co. ("Tornado"), Massillon, O.
Heebner & Sons ("Union"), Lansdale, Pa.
Illinois Silo & Tractor Co., Bloomington, Ill.
International Harvester Company of America (Inc.), (International), Harvester bldg, Chicago, Ill.
Kalamazoo Tank & Silo Co., Kalamazoo, Mich.
Lyon Iron Works ("Triumph"), Greene, N. Y.
Messenger Mfg. Co. ("Empire"), Tatamy, Pa.
Papec Machine Co., Shortsville, N. Y.
Plymouth Fdry & Machine Co., Plymouth, Wis.
Rosenthal Corn Husker Co. ("Rosenthal"), West Allis, Milwaukee, Wis.
Ross E. W. Co. ("Little Giant," "Ross"), Springfield, O.
Rowell I. B. Co. (With Chain Elevator or Blower), Waukesha, Wis.
Rumeley Leo Tractor Co. ("Advance"), La Porte, Ind.
Silver Mfg. Co. ("Ohio," "Ohio Standard," "Blower," "Monarch," "Light Draft," "Carrier" Power), Salem, O.
Smalley Mfg. Co., Manitowoc, Wis.
Star Mfg. Co. (& Carriers), Carpentersville, Ill.
Stover Mfg. Co., Freeport, Ill.
Swayne-Robinson & Co. ("Money-Maker"), Richmond, Ind.
U. S. Wind Engine & Pump Co. ("I. X. L."), Batavia, Ill.
Warsaw-Wilkinson Co. ("Climax," "Empire State," "Rex," "Wyoming"), Warsaw, N. Y.
Wilder-Strong Implement Co. ("America," "Swiss"), Monroe, Mich.

3552—Cutters (Face Milling)

Barber-Coleman Co., Rockford, Ill.
Ingersoll Milling Machine Co., Rockford, Ill.
KNAPP ARTHUR ENGNG. CORP., 30 Church, New York
See adv index at end of book
McCarthy Drill & Tool Corp., Toledo, O.
Morse Twist Drill & Machine Co. (With Inserted Teeth), New Bedford, Mass.
NATIONAL TOOL CO. ("National-Cleveland"), Cleveland, O.
See adv index at end of book
Standard Tool Co., 6900 Central av, Cleveland, O.
Union Twist Drill Co., Athol, Mass.

3553— Cutters (Feed)

See also Cutters, Alfalfa; also Cutters, Fodder

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
Albright Jas. H. & Sons, Mifflinburg, Pa.
Ames Plow Co., Quincy Hall, Boston, Mass.
Ann Arbor Machine Co. ("Cummings"), Ann Arbor, Mich.
Appleton Mfg. Co., Batavia, Ill.
Babcock Mfg. Co. ("Ostego"), Leonardsville, N. Y.
Belcher & Taylor Agricultural Tool Co. ("Chicken," "Baldwin," "New York," "Nonesuch," "Union," "Victor," "Gale Jr.," "Hide Roll," "Lion," "Self-Sharpening"), Chicopee Falls, Mass.
Belle City Mfg. Co. ("Belle City"), Racine, Wis.
Buch's A. Sons Co. ("Buch," "Lighthouse," "Nobby," "Pennsylvania"), Elizabethtown, Pa.
Cardwell Machine Co. ("Smith"), Richmond, Va.
Challenge Co., Batavia, Ill.
Conner J. W. & Son ("Daisy" Cutter & Crusher), Orangeville, Pa.
Dick Jos. Mfg. Co. ("Alpine," "Dick's" Lever, "Famous"), Canton, O.
Donaldson Bros. ("King"), Mount Clemens, Mich.
Eagle Machine Co., Lancaster, O.
Eddy W. Plow Co. ("Dandy," "Eddy," Yankee"), Greenwich, N. Y.
Ellis Keystone Agricultural Works ("Keystone" Ensilage & Feed Cutter), Pottstown, Pa.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Farquhar A. B. Co., Ltd. ("Clipper"), York, Pa.
Foster & Williams Mfg. Co., Racine, Wis.
Freeman Mfg. Co. (Hand & Power), Dept O, Racine, Wis.
Gehl Bros. Mfg. Co. ("Silverzahn"), West Bend, Wis.
Glascock Stove & Mfg. Co. ("Smith" Lever), Greensboro, N. C.
Globe Foundry & Machine Co. (With or Without Blower Elevator), Sheboygan, Wis.
Gowanda Agricultural Works ("Gowanda," "Star," "Hand"), Gowanda, N. Y.
Greenville Implement Co., Greenville, Mich.
Hamachek Frank ("Giant," "Ideal"), Kewaunee, Wis.
Hamburg Plow Works ("Handy"), Hamburg, Pa.
Harrison W. R. & Co. ("Tornado"), Massillon, O.
Heebner & Sons ("Union"), Lansdale, Pa.
Heller-Aller Co. ("Heller"), Napoleon, O.
Hench & Dromgold Co. (Hand & Power, "Superior"), York, Pa.
Hocking Valley Mfg. Co. ("Boss," "Kokosing," "Hocking Valley," "Geneva"), Lancaster, O.
Keystone Machine Co. (Hand or Power), York, Pa.
Lehr Agricultural Co. ("Monarch"), Fremont, O.
Lyon Iron Works ("Triumph"), Greene, N. Y.
Messinger Mfg. Co. (Hand & Power), Tatamy, Pa.
Moore Plow & Implement Co., Greenville, Mich.
Mountville Mfg. Co. ("Triumph"), Mountville, Pa.
Papec Machine Co., Shortsville, N. Y.
Parlin & Orendorff Co., Canton, Ill.
Perkins Wind Mill Co., Mishawaka, Ind.
Ross E. W. Co. ("Ross," "Little Giant"), Springfield, O.
Ross - Meehan Foundries, Chattanooga, Tenn.
Rowell I. B. Co. ("Rowell"). Waukesha, Wis.
Silver Mfg. Co. ("Ohio," "Pony," Hand & Power "Plantation"), Salem, O.
Smalley Mfg. Co. (Electric), Manitowoc, Wis.
Smith D. B. & Co. (Hay), Utica, N. Y.
Star Mfg. Co., Carpentersville, Ill.
Tanner D. F. ("Tanner," "Special"), Holland, N. Y.
Thornburgh Mfg. Co. ("New No. 8," "Peerless" Hand Lever), Bowling Green, O.
Warsaw-Wilkinson Co. ("Climax," "Rex," "Wyoming"), Warsaw, N. Y.
Wausau Foundry & Machine Co., Wausau, Wis.
Wayne Works, Richmond, Ind.
Waite's S. R. Sons ("Smith," "Defender"), Norfolk, Va.
Whitman Agricultural Co., St. Louis, Mo.
Wilder-Strong Implement Co. ("Comet," "Swiss," "Whirlwind"), Monroe, Mich.
Wilson Bros. ("Gem"), Easton, Pa.
See adv index at end of book
Wodsedalak Jos., Algoma. Wis.

3554— Cutters (Flue)

See also Pneumatic Flue Cutters

BORDEN CO., THE, Warren, O.
See adv index at end of book
Clark Equipt. Co., Buchanan, Mich.
Faessler J. Mfg. Co. ("Perfect"), Moberly, Mo.
Fox Machine Co. (Tube), Jackson, Mich.
Lagonda Mfg. Co. ("Lagonda"), Springfield, O.
Liberty Mfg. Co. (Combined Tube Cutter & Expander), Pittsburgh, Pa.
Lovejoy Tool Works (Hole), 319 W Ohio, Chicago, Ill.
Mooney & Baumann (Hole) 159 Linwood, Brooklyn, N. Y.
Columbia Chuck & Tool Co. ("O'Neill"), 140 S Dearborn, Chicago, Ill.
Pratt & Whitney Co., Hartford, Conn.
Redington F. B. Co. ("American"), 112 S Sangamon, Chicago, Ill.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Skinner M. B. Co. ("Wernicke"), 562 W Washington, Chicago, Ill.
Wiedeke Gustav & Co. ("Wiedeke," "Ideal" & "Dayton" Self-Feed), Dayton, O.

3555— Cutters (Fodder)

Ann Arbor Machine Co. ("Ann Arbor," "Cummings"), Ann Arbor, Mich.
Appleton Mfg. Co. ("Appleton," "New Hero"), Batavia, Ill.
Belcher & Taylor Agricultural Tool Co. "Baldwin," "Gale-Baldwin"), Chicopee Falls, Mass.
Belle City Mfg. Co. ("Belle City"), Racine, Wis.
Challenge Co., Batavia, Ill.
Dick Jos. Mfg. Co. ("Blizzard," "Famous," "Leader"), Canton, O.
Doylestown Agricultural Co. ("Advance," "Doylstown"), Doylestown, Pa.
Eagle Mfg. Co. ("Eagle"), Appleton, Wis.
Ellis Keystone Agricultural Works ("Keystone" with Crusher Attachment), Pottstown, Pa.
Fairbanks Morse & Co., 900 S Wabash av, Chicago, Ill.
Freeman Mfg. Co., Racine, Wis.
Gehl Bros. Mfg. Co., West Bend, Wis.
Hamachek Frank ("Giant"), Kewaunee, Wis.
Harrison W. R. & Co., Massillon, O.
Heebner & Sons ("Heebner's Union"), Lansdale, Pa.
Lyon Iron Works ("Triumph"), Greene, N. Y.
Messinger Mfg. Co., Tatamy, Pa.
Papec Machine Co., Shortsville, N. Y.
Plymouth Fdry. & Machine Co., Plymouth, Wis.
Ross E. W. Co. ("Little Giant," "Ross"), Springfield, O.
Silver Mfg. Co. ("Ohio"), Salem, O.
Smalley Mfg. Co., Manitowoc, Wis.
Star Mfg. Co., Carpentersville, Ill.
Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.
Warsaw-Wilkinson Co. ("Empire State"), Warsaw, N. Y.
Wilder-Strong Implement Co. ("America," "Raisin Valley," "Swiss"), Monroe, Mich.

Cutters (Food)

See Choppers, Meat & Food

3556—Cutters (Formed Milling)

Barber-Colman Co., Rockford, Ill.
Cleveland Milling Machine Co., 18511 Euclid av, Cleveland, O.
Cowles Tool Co., 2086 W 118th, Cleveland, O.
Morse Twist Drill & Machine Co., New Bedford, Mass.
NATIONAL TOOL CO. ("National-Cleveland'), Cleveland, O.
See adv index at end of book
Standard Tool Co., 6900 Central av, Cleveland, O.
Union Twist Drill Co., Athol, Mass.

3557— Cutters (Gang)

Becker Milling Machine Co., Hyde Park, Mass.
Detroit Twist Drill Co., Cleveland, O.
Ingersoll Milling Machine Co., Rockford Ill.
Morse Twist Drill & Machine Co., New Bedford, Mass.
National Tool Co. ("National-Cleveland"), Cleveland, O. *See adv index at end of book*
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book
Pratt & Whitney Co., Hartford, Conn.
Surerus & Greenhill, 502 W Division, Chicago, Ill.
Union Twist Drill Co., Athol, Mass.

3558—Cutters (Gauge Glass)

Chesterton A. W. Co. ("Chesterton," "Boston"), 64 India, Boston, Mass.
Goodell-Pratt Co., Greenfield, Mass.
McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.
See adv index at end of book
Monce S. G., Unionville, Conn.
Newark Brush & Scraper Co. ("Newark"), 266 Fabyan pl, Newark, N. J.
Pancoast Hy. B. Co. ("Simplex"), 243 S 3d, Phila., Pa.

Rogers H. A. Co. ("Favorite"), 87 Walker, New York. *See adv index at end of book*
Skinner & Connolly ("Skinner's"), Yonkers, N. Y.
SMITH & HEMENWAY CO., INC. ("Red Devil"), 261 B'way, New York & 130 Coit, Irvington, N. J.
See adv index at end of book
Wilkins G. H. ("Wilkins"), 57 W Lake, Chicago, Ill.

3559— Cutters (Gear)

For Gear Cutting Machines, see Machinery

Barber-Colman Co., Rockford, Ill.
Bilton Machine Tool Co. (The), ("Bilton" Gear Millers), Bridgeport, Conn.
Brown & Sharpe Mfg. Co., Providence, R. I.
Clough R. M., Tolland, Conn.
NATIONAL TOOL CO. ("National-Cleveland"), Cleveland, O.
See adv index at end of book
Prentiss Henry & Co., Inc. (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York
See adv index at end of book
Sloan & Chace Mfg. Co., 351 6th av, Newark, N. J.
Union Twist Drill Co., Athol, Mass.

3559a— Cutters (Glass)

Barrett W. L. ("Standard," Steel Wheel), Bristol, Conn.
Browne & Dowd Mfg. Co. ("Favorite" Rolling Steel Wheel, etc), Meriden, Conn.
Fletcher, Terry Co. ("Leader," "Champion," "Favorite," "Handy," Interchangeable & Standard Styles, Steel Wheel), Forestville, Conn.
Goodell Tool Co. (Circular), Shelburne Falls, Mass.
Goodell-Pratt Co. (With Turret Head), Greenfield, Mass.
Hart H. C. Mfg. Co. ("King of Cutters," "Perfect"), Unionville, Conn.
Irvington Mfg. Co., Irvington, N. J.
Karelsen E. (Diamond), 68 Nassau, New York
Miller J. E. & Co. ("Trojan," "Krac-a-Jac," "Favorite"), 330 W Kinzie, Chicago, Ill.
Millers Falls Co. ("Monitor," Steel Wheel), 28 Warren, New York
Monce S. G. ("Monce" Steel Wheel), Unionville, Conn.
New England Novelty Works ("Woodward," Steel Wheel), Hill, N. H.
Pritchard Stamping Co., Rochester, N. Y.
Rocky Hill Hardware Co., Rocky Hill, Conn.
S. & I. Co. ("S. & I."), Springfield, Mass.
SMITH & HEMENWAY CO. ("Red-Devil"), 76 Chambers, New York
See adv index at end of book

"RED DEVIL"
Glass Cutters and Glaziers' Tools
Known and used wherever glass is known. "Red Devil" Glass Cutters give the greatest satisfaction because every wheel is fully hand-honed and tested before it leaves our factory.
SMITH & HEMENWAY CO., Inc.
Dep't H
New York Sales & Export Office, 2C1 B'way, N.Y.C.
Factory & Main Office, 130 Coit St., Irvington, N. J.
Send for Greenbook of Glaziers' Tools

Southington Hardware Co., Southington, Conn.
Trojan Glass Cutter Works, 330 W Kinzie, Chicago, Ill.

Cutters (Glass Tube)

See Cutters, Gauge Glass

3559b— *Cutters (Green Bone)

WILSON BROS. ("Crown," "Daisy" Hand & Power), Easton, Pa.
See adv index at end of book

3560— Cutters (Gummer)

See also Gummers, Saw

Ajax Mfg. Co. (Solid for Saw & Stone Gummers), Pittsburgh, Pa.
Atkins E. C. & Co., Indianapolis, Ind.
Butterfield & Co., Derby Line, Vt.
Mixter J. W. Saw Tool Co., Plymouth, Mass.

3561— Cutters (Gun Wad)

Kraeuter & Co., 583 18th av, Newark, N. J.
Union Hardware Co., Torrington, Conn.

3562-3—Cutters (Hand Hole)

Chase Turbine Mfg. Co., Orange, Mass.

Cutters (Hog Nose)

See Ringers, Hog

3564— Cutters (Interlocking)

Cleveland Milling Machine Co., 18511 Euclid av, Cleveland, O.
Federal Adding Machine Corp., York & Grove, New Haven, Conn.
See adv index at end of book
Ingersoll Milling Machine Co., Rockford, Ill.
McCarthy Drill & Tool Corp., Toledo, O.
Morse Twist Drill & Machine Co., New Bedford, Mass.
NATIONAL TOOL CO., ("National-Cleveland"), Cleveland, O.
See adv index at end of book
Standard Tool Co., 6900 Central av, Cleveland, O.

3565— Cutters (Involute)

Cleveland Milling Machine Co., 18511 Euclid av, Cleveland, O.
Morse Twist Drill & Machine Co., New Bedford, Mass.
NATIONAL TOOL CO., ("National-Cleveland"), Cleveland, O.
See adv index at end of book
Pratt & Whitney Co. (Gear), Hartford, Conn.
Sloan & Chace Mfg. Co., 351 6th av, Newark, N. J.
Standard Tool Co., 6900 Central av, Cleveland, O.
Union Twist Drill Co. (Gear), Athol, Mass.

3566—Cutters (Iron Bar & Rod)

See also Cutters, Rod & Wire

Braun J. G., 609 S Paulina, Chicago, Ill.
Buffalo Forge Co. (Angle Iron), Buffalo, N. Y.
Carolus Mfg. Co. ("Carolus"), Sterling, Ill.
Mersick C. S. & Co., New Haven, Conn.
Rock River Machine Co., Janesville, Wis.
Tucker W. B. & C. F. ("Hercules"), 516 Asylum, Hartford, Conn.

3566a—*Cutters (Iron Sheet, Bar & Rod)

Tucker W. B. & C. F. ("Hercules"), 516 Asylum, Hartford, Conn.

Cutters (Key-Way)

See Key Seating Machines; also Milling Machines

3567—Cutters (Key-Seating & Slotting)

Brown & Sharpe Mfg. Co. (Woodruff Keyseat), Providence, R. I.
Ingersoll Milling Machine Co., Rockford, Ill.
National Machine Tool Co., Cincinnati, O.
Pfanstiehl Co., No. Chicago, Ill.
Pratt & Whitney Co., Hartford, Conn.
Thurston Mfg. Co., 140 Benedict, Providence, R. I.
Whitney Mfg. Co. ("Whitney for Woodruff System), Hartford, Conn.

3568—Cutters (Kraut, Slaw, Etc.)

Chapman-Sargent Co. ("Shaw" Adjustable Knives), Perrysburg, O.
Disston Henry & Sons, Inc., Tacony, Philadelphia, Pa.
Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa.
Handy Things Mfg. Co. ("Handy"), Ludington, Mich.
Kelso & Co., 559 W Quincy, Chicago, Ill.
Landers, Frary & Clark, New Britain, Conn.
National Saw Co., Newark, N. J.
Smith's Jno. E. Sons Co. ("Buffalo," Hand or Power), Buffalo, N. Y.
Thompson O. E. & Sons (Hand), Ypsilanti, Mich.
Thurnauer G. M. Co., 6 E 20th, New York
Tucker & Dorsey Mfg. Co. ("Indianapolis Sanitary," "T. & D. Special" & "Queen"), Indianapolis, Ind.

3569—Cutters (Lace Leather)

Braunsdorf-Mueller Co., Elizabeth, N. J.
Greene, Tweed & Co. ("Earle"), 109 Duane, New York
Manufacturers Belt Hook Co. ("Elliott"), 1321 W Congress, Chicago, Ill.

3570— Cutters (Lap)

Baldwin, Tuthill & Bolton, Grand Rapids, Mich.

3571— Cutters (Lead Pipe)

Johnson Wm. (Hedenberg Works) (Plumbers'), Newark, N. J.
Saunders D. Sons, Yonkers, N. Y.
Vanderman Mfg. Co., Willimantic, Conn.
Walworth Mfg. Co., Boston, Mass.
Wolverine Brass Works, Grand Rapids, Mich.
Yonts C. H. & Co., Meadville, Pa.

3572—Cutters (Lock Corner Box)

BECK CHAS. CO., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*

Cutters (Meat)

See Choppers, Meat

Cutters (Metal Slitting)

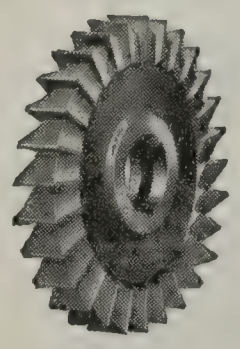
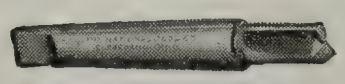
See Gang Slitting Machines

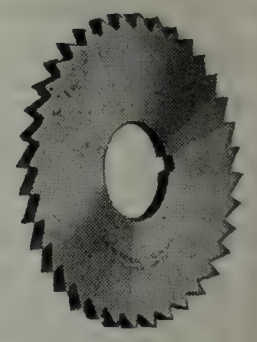
3573— Cutters (Milling)

See also Cutters, Plain Milling; also Cutters, Screw Slotting; also Cutters, Side Milling; also Cutters Milling, Inserted Teeth

Allen Wrench & Tool Co., 754 Eddy, Providence, R. I. *See adv index at end of book*
Anderson Die Machine Co. ("Anderson," Super-Helical), 544 Iraniston av. Bridgeport, Conn.
See adv index at end of book
Barber-Colman Co., Rockford, Ill.
BECKER MILLING MACHINE CO., Hyde Park, Mass.
Bilton Machine Tool Co., (The "Bilton"), Bridgeport, Conn.
Bliss E. C. Mfg. Co. (High Speed), 73 Page, Providence, R. I.
Bridgeport Cutter Co., Inc., Bridgeport, Conn.
Brown & Sharpe Mfg. Co., Providence, R.I.
Cleveland Milling Machine Co. ("Cleveland"), 18511 Euclid av, Cleveland, O.
Clough R. M. (Also Gear), Tolland, Conn.
Cowles Tool Co., 2086 W 10th, Cleveland, O.
Detroit Twist Drill Co. (Plain & Side), 555 Fort, Detroit, Mich.
See adv index at end of book
Federal Adding Machine Corp., York & Grove, New Haven, Conn.
See adv index at end of book

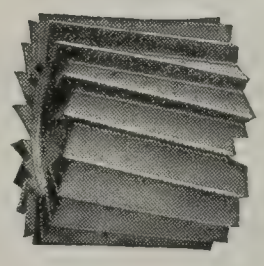
SPECIAL TOOLS
CUTTERS *and* REAMERS
Jigs, Fixtures *and* Gauges
FEDERAL ADDING MACHINE CORPORATION
New Haven, Connecticut.



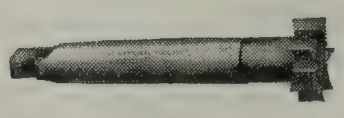
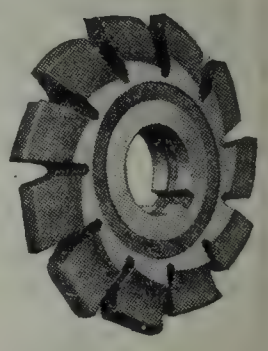
National-Cleveland Milling Cutters
For Every Requirement

We manufacture Plain Milling Cutters, Side Milling Cutters, Metal Slitting Saws, Angular Cutters, End Mills, Inserted Tooth Milling Cutters, Gear Cutters, Formed Cutters—Cutters of High Speed Steel and Carbon Steel of every description. Spur, Worm and Thread Hobs.



National Tool Company
Cleveland, Ohio

Chicago Sales Room, 24 S. Jefferson St. **Philadelphia Sales Room, 11 N. 6th St.**

CUTTERS (MILLING)—continued

FRASSE PETER A. & CO. (INC.), 417 Canal, New York
See adv index at end of book
Garvin Machine Co., 147 Varick, New York
Gilford F. E., Concord, N. H.
Hanscom Cutter Works, 1297 River H P, Boston, Mass.
Indianapolis Tool & Mfg. Co. (Formed), Indianapolis. Ind.
Ingersoll Milling Machine Co., Rockford, Ill.
KNAPP ARTHUR ENGNG. CORP., 30 Church, New York
See adv index at end of book
Krasberg Mfg. Co., 420 Orleans, Chicago, Ill.
Lincoln-Williams Twist Drill Co., Taunton, Mass.
Madison Mfg. Co., Spring & Elton, Muskegon, Mich.
Mergenthaler Co., 118 Hollingsworth, Baltimore, Md.
Morse Twist Drill & Machine Co. (For Mitre & Bevel Gears), New Bedford, Mass.
NATIONAL TOOL CO. ("National-Cleveland"), (Nicked Tooth, Plain, Face, etc), Cleveland, O.
See adv index at end of book
National Twist Drill & Tool Co. ("National"), Detroit, Mich.
Oesterlein Machine Co., Cincinnati, O.
Peninsular Tool Salvage Co. (Re-Cut), 45 Fort, E, Detroit, Mich.
Pratt & Whitney Co., Hartford, Conn.
Rogers Jno. M. Works, Gloucester City, N. J.
S. & I. Co. (Special), Springfield, Mass.
Sloan & Chace Mfg. Co., 351 6th av, Newark, N. J.
Standard Tool Co., 6900 Central av, Cleveland, O.
Superior Die, Tool & Machine Co., Columbus, O.
Surerus & Greenhill ("Eynon's"), 502 W Division, Chicago, Ill.
Tabor Mfg. Co. ("Taylor-Newbold" High Speed Steel), 18th & Hamilton, Philadelphia, Pa.
Thurston Mfg. Co., 140 Benedict, Providence, R. I.
Tindel Morris Co.. Eddystone, Pa.
Union Twist Drill Co. (Nicked Tooth), Athol, Mass.
Welsmore Mfg. Co., Inc. (High Speed), 45 E Fort, Detroit, Mich.
Windau Tool Co., 1318 Addison rd, Cleveland, O.

3574—Cutters (Milling, Inserted Tooth)

Barber-Colman Co., Rockford, Ill.
BECKER MILLING MACHINE CO., Hyde Park, Mass.
Brown & Sharpe Mfg. Co., Providence, R.I.
Cleveland Milling Machine Co., 18511 Euclid av, Cleveland, O.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Ingersoll Milling Machine Co., Rockford, Ill.
Krasberg Mfg. Co., 420 Orleans, Chicago, Ill.
McCarthy Drill & Tool Corp., Toledo, O.
Mergenthaler Co., 118 Hollingsworth, Baltimore, Md.
Morse Twist Drill & Machine Co. (Face & Side Milling), New Bedford, Mass.
NATIONAL TOOL CO. ("National-Cleveland"), Cleveland, O.
See adv index at end of book
O. K. Tool Holder Co. ("O. K."), Shelton, Conn.
Oesterlein Machine Co., Cincinnati, O.
Pratt & Whitney Co., Hartford, Conn.
Standard Tool Co., 6900 Central av, Cleveland, O.
Tabor Mfg. Co. (For Planing Metal), 18th & Hamilton, Phila., Pa.
Tindel Morris Co., Eddystone, Pa.
Union Twist Drill Co., Athol, Mass.

3575— Cutters (Moulding)

Moss Arthur J., 178 Centre, New York
Oldham Joshua & Sons, 112 26th, Brooklyn, N. Y.
Redin, Ekstrom & Co., Rockford, Ill.
Thomson W. S., 418 W 27th, New York

3576—Cutters or Holders (Ticket, For Railroad Conductors)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book

3577—Cutters (Paper, Hand)

Pease C. F. Co. ("Perfection"), 220 W Institute pl, Chicago, Ill.
Rose Jos. & Co., Irvington, N. J.
Tiley, Pratt Co. (Bone), Essex, Conn.

3578— Cutters (Pinion)

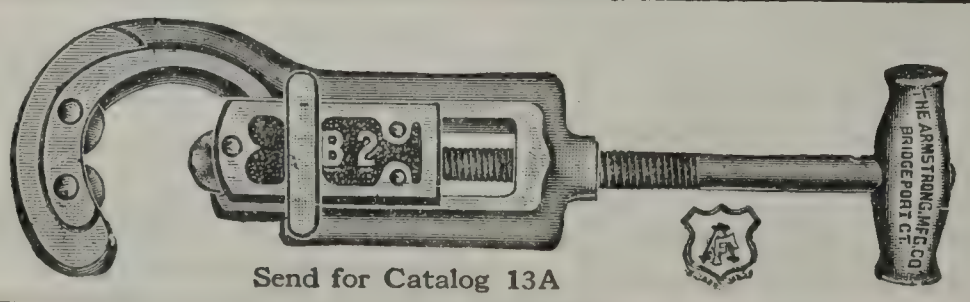
NATIONAL TOOL CO. ("National-Cleveland"), Cleveland, O.
See adv index at end of book
Sloan & Chace Mfg. Co. (Automatic), 351 6th av. Newark. N. J.

3579— *Cutters (Pipe)

BORDEN CO., THE ("Beaver"), Warren, Ohio *See adv index at end of book*

Hendricks' Commercial Register

is not a Catalog of Advertisers alone, but a Complete Register of the manufacturers and jobbers in every line of trade that comes within the scope of the work.



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ARMSTRONG MODEL B **PIPE CUTTER**

TWO OF THESE CUTTERS WILL DO THE WORK OF THREE ORDINARY CUTTERS

MANUFACTURED BY

THE ARMSTRONG MFG. CO., Bridgeport, Conn.

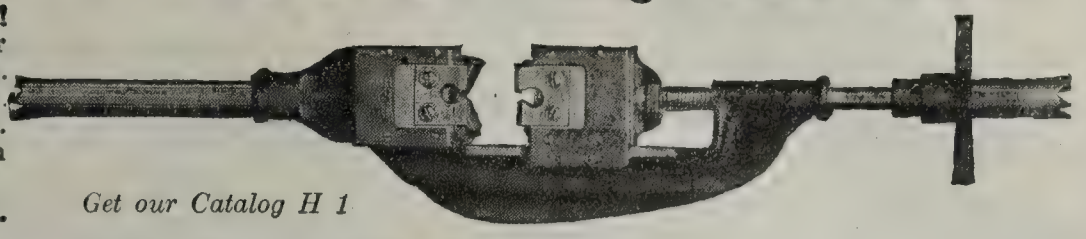
NEW YORK: 248 CANAL ST.

Cuts rings like these

PIPE CUTTERS—"BEAVER" SQUARE-END

The modern "burr-less" cutter! 100,000 users in four years. Quicker and easier than wheel cutters or saws. Cuts clean and square—no burr. Saves reaming. Can't split pipe. (Excellent for Conduit). Sold on trial by leading jobbers.

The Borden Co., Warren, O.



Get our Catalog H 1

Crockett Wm. P. Co., 411 S Jefferson, Chicago, Ill.

3580— Cutters (Pipe, Hand)

For Power see Pipe Cutting & Threading Machines

ARMSTRONG MFG. CO. ("Armstrong"), 278 Knowlton, Bridgeport, Conn.
See adv index at end of book

Ayes & Co. ("Saunders" Pattern), 1812 Ellen, Chicago, Ill.

Barnes Tool Co. ("Genuine Barnes-Saunders" Pattern), New Haven, Conn.

Brown H. B. Co., East Hampton, Conn.

Butterfield & Co., Derby Line, Vt.

Collmer Bros ("Saunders' Pattern"), So. Bend, Ind.

Cook August D. (Inside), Lawrenceburg, Ind.

Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section

CROWN DIE & TOOL CO. ("Crown"), 553 W Monroe, Chicago, Ill.

Curtis & Curtis Co., Bridgeport, Conn.

Erie Tool Works, Erie, Pa.

Fox Machine Co., Jackson, Mich.

Hollands Mfg. Co., 352 E 18th, Erie, Pa.

Keller Mfg. Co. ("Keller"), 1325 N E Quincy, Minneapolis, Minn.

Lucey Mfg. Corp., 233 B'way, New York
For branch offices see Alphabetical Section

Mark Mfg. Co., Evanston, Ill.

Mechanicville Specialty Supply Mfg. Co. ("J. R. S. Easy" Soil Pipe), Mechanicsville, N. Y.

Murchey Machine & Tool Co. ("Murchey," Rapid Roller Pipe Cutter Power), Detroit, Mich.

Oswego Tool Co. ("Saunders Pattern," "Barnes" Improved Three Wheel & Oswego One Wheel, etc), Oswego, N.Y.

Reed Mfg. Co., Erie, Pa.

Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*

Saunders D. Sons, Yonkers, N. Y.

Smith A. P. Mfg. Co., East Orange, N. J.

Superior Tool Co. ("Du Charme" Combination Roller Chain), Cambridge, O.

Toledo Pipe Threading Machine Co. ("Vosper" & "Toledo"), 1440 Summit, Toledo, Ohio

Trimont Mfg. Co. ("Trimo"), Amory av, Roxbury, Boston, Mass.

Vanderman Mfg. Co. (Four Wheel), Willimantic, Conn.

Walworth Mfg. Co. ("Walworth" Three Wheel), Boston, Mass.

3581—Cutters (Plain Milling)

Brown & Sharpe Mfg. Co., Providence, R. I.

Cleveland Milling Machine Co., 18511 Euclid av, Cleveland, O.

Cowles Tool Co., 2086 W 110th, Cleveland, O.

McCarthy Drill & Tool Corp., Toledo, O.

NATIONAL TOOL CO. ("National-Cleveland"), Cleveland, O.
See adv index at end of book

Thurston Mfg. Co., 140 Benedict, Providence, R. I.

Cutters (Pneumatic Stay-Bolt)

See Pneumatic Stay-Bolt Cutters

Cutters (Porcelain Tube)

See Cutters, Arc Lamp Carbon

3582— Cutters (Potato)

See also Cutters, Vegetable

Aspinwall Mfg. Co., Jackson, Mich.

Bucher & Gibbs Plow Co. ("Imperial"), Canton, O.

Champion Potato Machine Co. ("O. K. Champion"), Hammond, Ind.

Dowden Mfg. Co., Ltd., Prairie City, Ia.

Eureka Mower Co., 16 Hickory, Utica, N. Y.

Pugh Mfg. Co. ("Gem," "Pugh"), Topeka, Kan.

Streeter N. R. & Co., Rochester, N. Y.

3583— Cutters (Potato Chips)

Smith's Jno. E. Sons Co., Buffalo, N. Y.

Streeter N. R. & Co., Rochester, N. Y.

3584— Cutters (Potato Seed)

Aspinwall Mfg. Co., Jackson, Mich.

Champion Potato Machine Co. ("O. K. Champion"), Hammond, Ind.

Dowden Mfg. Co. Ltd., Prairie City, Ia.

Fetzer & Co., Springfield, Ill.

Pugh Mfg. Co., Topeka, Kan.

3585— Cutters (Rack)

See also Gear Cutting Machinery

Brown & Sharpe Mfg. Co., Providence, R. I.

3586—Cutters (Radial Duplex)

Union Twist Drill Co., Athol, Mass.

3587—Cutters (Reinforcing Bar)

See Cutters, Iron Bar & Rod

3588—Cutters (Rod & Wire)

Armstrong-Blum Mfg. Co. ("Marvel"), 337 N Francisco av, Chicago, Ill.

Belden Machine Co., New Haven, Conn.

Braunsdorf-Mueller Co., Elizabeth, N. J.

Carolus Mfg. Co. ("Carolus"), Sterling, Ill.

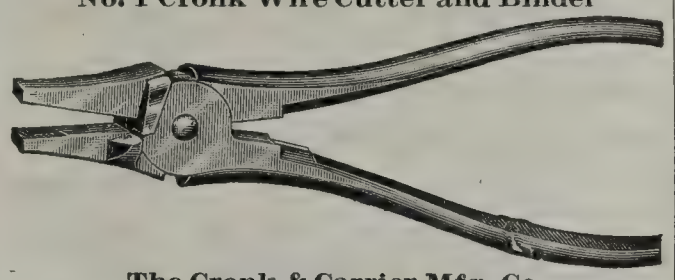
Chandler & Farquhar Co. ("Federal"), 36 Federal, Boston, Mass.

Cincinnati Tool Co. ("Hargrave," Compound Lever Wire Cutter), Norwood, Cincinnati, O.
See adv index at end of book

Crescent Tool Co. ("Crescent" Wire Cutter), 200 Harrison, Jamestown, N. Y.

Cronk & Carrier Mfg. Co. ("Cronk" Wire Cutter & Bender, Hand Only), 150 Lake, Elmira, N. Y.
See adv index at end of book

No. 1 Cronk Wire Cutter and Binder



The Cronk & Carrier Mfg. Co.
150 Lake Street **Elmira, N. Y.**

Keller Mfg. Co. ("Keller"), 1325 N E Quincy, Minneapolis, Minn.

NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book

Oliver W. W. Mfg. Co., 1483 Niagara, Buffalo, N. Y.

Porter H. K. ("Boston" Electric Wire, Hand), 6 Ashland, Everett, Mass.
See adv index at end of book

Robinson M. W. Co. ("Carew's" Patent, Forged Steel), 203 37th, Brooklyn, N. Y.

Rock River Machine Co., Janesville, Wis.

Tucker W. B. & C. F. ("Hercules," "Leviathan"), 516 Asylum, Hartford, Conn.

Union Mfg. Co. (Combined Punch & Rod Cutter), New Britain, Conn.

Williams A. C. Co. (Cast Iron Only), Ravenna, O.

Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

3589— Cutters (Roll Paper)

Arcade Mfg. Co. ("Arcade"), Freeport, Ill.

Champion Paper Cutter Co., Piqua, O.

Cupples Samuel Woodenware Co., 7th & Spruce, St. Louis, Mo.

Hilts Wrench & Mfg. Co. ("New York," "Eclipse" & "Reversible"), Richford, N. Y.

Streeter N. R. & Co. ("Sensible Giant"), Rochester, N. Y.

3590— Cutters (Root)

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*

Belcher & Taylor Agricultural Tool Co. ("Champion," "Farmers'," "Gale," "Whitman"), Chicopee Falls, Mass.

Buch's A. Sons Co. ("Buch," "Pennsylvania"), Elizabethtown, Pa.

Cutaway Harrow Co. ("Clark"), Higganum, Conn.

Donaldson Bros. ("King," "Monarch"), Mount Clemens, Mich.

Eddy W. Plow Co., Greenwich, N. Y.

Gray Iron Casting Co ("Greedygrinder"), Springfield, O.

Greenville Implement Co., Greenville, Mich.

Hamachek Frank ("Ideal"), Kewaunee, Wis.

Hirsch Bros. ("Hirsh"), 267 Reed, Milwaukee, Wis.

Humphrey & Sons ("Humphrey"), Joliet, Ill.

Mann F. W. Co. ("Mann"), Milford, Mass.

Silver Mfg. Co. ("Rapid"), Salem, O.

Smalley Mfg. Co. (Electric), Manitowoc, Wis.

Thompson O. E. & Sons ("Banner"), Ypsilanti, Mich.

Whitehurst R. W. Mfg. Corp., Norfolk, Va.

3591—Cutters (Rope, Cord & Twine)

Wright-Cutter Co. ("Wright"), Orient av, Boston, Mass.

3592— Cutters (Rosette)

Osborne C. S. & Co. (Harness Makers, etc), Harrison, N. J.

3593—*Cutters (Rotary, for Drugs & Spices)

BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book

3594— Cutters (Routing)

Royle John & Sons, Paterson, N. J.

3595—Cutters (Screw Slotting)

Becker Milling Machine Co., Hyde Park, Mass.

Brown & Sharpe Mfg. Co., Providence, R. I.

Burroughs Tool Co. ("Burro"), 87 Warren, New York

Cleveland Milling Machine Co., 18511 Euclid av, Cleveland, O.

Clough R. M., Tolland, Conn.

Disston Hy. & Sons, Tacomy, Phila., Pa.

CUTTERS (SCREW SLOTTING)—cont'd

Federal Adding Machine Corp., York & Grove, New Haven, Conn.
See adv index at end of book
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Morse Twist Drill & Machine Co., New Bedford, Mass.
NATIONAL TOOL CO. ("National-Cleveland"), Cleveland, O.
See adv index at end of book
Pratt & Whitney Co., Hartford, Conn.
SIMMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Standard Tool Co., 6900 Central av, Cleveland, O.
Thurston Mfg. Co., 140 Benedict, Providence, R. I.
Union Twist Drill Co., Athol, Mass.

3596— Cutters (Segment)

Marquette Jno. N. Sons, 513 S Eden, Baltimore, Md.

3597—Cutters (Shear & Rod)

Braun J. G., 609 S Paulina, Chicago, Ill.
Carolus Mfg. Co. ("Carolus", Rod Only), Sterling, Ill.
McCarthy Drill & Tool Corp., Toledo, O.
Merwin Mfg. Co. ("Vulcan"), Erie, Pa.

3598— Cutters (Side Milling)

BECKER MILLING MACHINE CO., Hyde Park, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Cleveland Milling Machine Co., 18511 Euclid av, Cleveland, O.
Cowles Tool Co., 2086 W 110th, Cleveland, O.
Federal Adding Machine Corp., York & Grove, New Haven, Conn.
See adv index at end of book
Ingersoll Milling Machine Co., Rockford, Ill.
KNAPP ARTHUR ENGNG. CORP., 30 Church, New York
See adv index at end of book
McCarthy Drill & Tool Corp., Toledo, O.
Morse Twist Drill & Machine Co. (Or Heading Mills; also With Inserted Teeth), New Bedford, Mass.
NATIONAL TOOL CO. ("National-Cleveland"), Cleveland, O.
See adv index at end of book
National Twist Drill & Tool Co., Detroit, Mich.
Pratt & Whitney Co., Hartford, Conn.
Standard Tool Co., 6900 Central av, Cleveland, O.
Thurston Mfg. Co., 140 Benedict, Providence, R. I.
Union Twist Drill Co. (Interlocked), Athol, Mass.

3599— Cutters (Sleet)

(For Removing Sleet from Trolley Wires)

Bayonet Trolley Hoop. Co., Springfield, O.
Bonney-Vehslager Tool Co., 124 Chambers, New York
Electric Service Supplies Co. ("O-K"), 17 & Cambria, Phila., Pa.
Elec. Material Co. (Sloan Sheet Cutter), 611 W Jackson bldg, Chicago, Ill.
Eureka Co. ("Eureka"), North East, Pa.
Hensley Trolley & Mfg. Co. (Wheel & Steel Cutters), 363 Holden av, Detroit, Mich.
Holland Trolley Supply Co. ("Holland"), 1623 E 43d, Cleveland, O.
Matthews W. N. & Bro. ("Matthews' O. K."), 3722 Forest Park blvd, St. Louis, Mo.
More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.
NUTTALL, R. D. CO. ("U.-S."), McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Osborne G. H., New Britain, Conn.

3600-1— Cutters (Soil Pipe)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Mechanicsville Specialty Supply Mfg. Co. ("J. R. S."), Mechanicsville, N. Y.

3602— Cutters (Spiral Mill)

See Cutters, Side Milling

3603— Cutters (Spiral Plug)

Forest City Bit & Tool Co., Rockford, Ill.

3604— Cutters (Sprocket)

Brown & Sharpe Mfg. Co., Providence, R. I.
Cleveland Milling Machine Co., 18511 Euclid av, Cleveland, O.
Morse Twist Drill & Machine Co., New Bedford, Mass.
NATIONAL TOOL CO. ("National-Cleveland"), Cleveland, O.
See adv index at end of book
Pratt & Whitney Co., Hartford, Conn.
Standard Tool Co., 6900 Central av, Cleveland, O.
Union Twist Drill Co., Athol, Mass.

3605—Cutters (Sprue, Foot & Power)

Adams Company ("Steel Tubular"), Dubuque, Ia.
Barnett Oscar Foundry Co., Irvington, N. J.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Brass Founders' Supply Co. (Hand & Power for Brass Founders), Hamburg pl, Newark, N. J.
Busch J. C. Co. (Power Machines), 140 Ferry, Milwaukee, Wis.
Ferracute Machine Co., Bridgeton, N. J.
Foundry Equipment Co., 1833 Columbus rd, Cleveland, O.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Meriden Press & Drop Co. ("Merriman" Sprue Cutting Presses), Meriden, Conn.
Middleditch Benj., Detroit, Mich.
Paxson J. W. Co. ("J-W-P & Co."), Phila., Pa.
Perkins Machine Co., Warren, Mass.
SHUSTER F. B. CO. (Foot & Power), Cedar Hills, New Haven, Conn.
See adv index at end of book
Standard Machinery Co., Providence, R. I.
Tessmer Mach. & Tool Co., 285 Rivard, Detroit, Mich.
Toledo Machine & Tool Co., Toledo, O.
Turner Machine Co., 3632 N Lawrence, Phila., Pa.
Vulcan Engineering Sales Co. ("Milwaukee," Power), 1764 Elston av, Chicago, Ill.
Whiting Geo. Co., 1719 Elston av, Chicago, Ill.
Woodison E. J. Co., Detroit, Mich.

3606— Cutters (Stalk)

See also Cutters, Fodder

ABBE ENGINEERING CO., 220 B'way, New York. *See adv index at end of book*
Appleton Mfg. Co., Batavia, Ill.
Avery B. F. & Sons ("Cyclone," "Louisville," Spiral or Straight Knife), Louisville, Ky.
Avery Co. ("Avery," Spiral Knife), Peoria, Ill.
Brinly Hardy Co., Louisville, Ky.
Brown Mfg. Co., Zanesville, O.
Case J. I. Plow Works ("J. I. Case"), Racine, Wis.
Davidson-Dietrich Plow Co. ("Davidson"), Evansville, Ind.
Deere Co., Moline, Ill.
Eagle Hay Press & Implement Co., Muskogee, Okla.
Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.
Gale Mfg. Co. ("Daisy," Single Row), Albion, Mich.
Galesburg Coulter Disc Co. ("Brown," "Galesburg"), Galesburg, Ill.
Hartman Mfg. Co., Vincennes, Ind.
Hayes Pump & Planter Co. ("Sucker State"), Galva, Ill.
International Harvester Company of America (Inc.), ("International"), Harvester bldg, Chicago, Ill.
Keystone Farm Machine Co., York, Pa.
Lehr Agricultural Co., Fremont, O.
Moline Plow Co. ("Easy Rider," "Gladiator" Single & Double Row), Moline, Ill.
Parlin & Orendorff Co. ("P. & O. Canton" Single & Double Row), Canton, Ill.
Peoria Drill & Seeder Co. ("Union"), Peoria, Ill.
Peru Plow & Wheel Co. (Single & Double Row), Peru, Ill.
Rock Island Plow Co., Rock Island, Ill.
South Bend Chilled Plow Co., S Bend, Ind.
Southern Plow Co., Dallas, Tex.
Sterling Mfg. Co., Sterling, Ill.
Woodruff Machinery Mfg. Co., Winder, Ga.

3606a—* Cutters (Standard & Special)

GODDARD TOOL CO., 351 W Chicago av, Chicago, Ill.

3607— Cutters (Stay-Bolt)

See also Pneumatic Stay-Bolt Cutters

Foote-Burt Co. ("Reliance"), Cleveland, Ohio
Landis Machine Co., Waynesboro, Pa.
Stowe Flexible Shaft Co., N 26th & Callowhill, Phila., Pa.
Universal Machine Co. (Single & Double Head), Bowling Green, O.

3608— Cutters (Stocking)

Brown & Sharpe Mfg. Co. ("B. & S."), Providence, R. I.
Cleveland Milling Machine Co., 18511 Euclid av, Cleveland, O.
Morse Twist Drill & Machine Co. (For Involute Gears), New Bedford, Mass.
NATIONAL TOOL CO. ("National-Cleveland"), Cleveland, O.
See adv index at end of book
Union Twist Drill Co. (For Gears), Athol, Mass.

3609— Cutters (Straw)

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
Cardwell Machine Co. ("Smith" Lever), Richmond, Va.
White's S. R. Sons ("Smith"), Norfolk, Va.

3610— Cutters (T-Slot)

BECKER MILLING MACHINE CO., Hyde Park, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Cleveland Milling Machine Co., 18511 Euclid av, Cleveland, O.
Federal Adding Machine Corp., York & Grove, New Haven, Conn.
See adv index at end of book
Lincoln-Williams Twist Drill Co., Taunton, Mass.
Morse Twist Drill & Machine Co., New Bedford, Mass.
NATIONAL TOOL CO. ("National-Cleveland"), Cleveland, O.
See adv index at end of book
National Twist Drill & Tool Co., Detroit, Mich.
Pratt & Whitney Co., Hartford, Conn.
Standard Tool Co., 6900 Central av, Cleveland, O.
Union Twist Drill Co., Athol, Mass.

3611—Cutters (Tap & Reamer)

Becker Milling Machine Co., Hyde Park, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Cleveland Milling Machine Co., 18511 Euclid av, Cleveland, O.
McCarthy Drill & Tool Corp., Toledo, O.
NATIONAL TOOL CO. ("National-Cleveland"), Cleveland, O.
See adv index at end of book
Standard Tool Co., 6900 Central av, Cleveland, O.
Union Twist Drill Co., Athol, Mass.

Cutters (Thistle)

See Cutters, Canada Thistle

3612—Cutters (Tobacco Counter)

Brunhoff Mfg. Co., 9th & Freeman av, Cincinnati, O.
Cupples Samuel Woodenware Co., 7th & Spruce, St. Louis, Mo.
Enterprise Mfg. Co. of Pa. ("Enterprise" Counter), 3rd & Dauphin, Phila., Pa.
Griswold Mfg. Co. ("Triumph," "Star," Erie, "Standard"), Erie, Pa.
Landers, Frary & Clark ("Lee's"), New Britain, Conn.
National Specialty Mfg. Co., 3rd & Lehigh av, Phila., Pa.
North Bros. Mfg. Co. ("American," also Shaves), Lehigh av & American, Phila., Pa.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn.

Schollhorn Wm. Co. ("Tuck's"), New Haven, Conn.
Wrightsville Hardware Co. ("Queen," "Brighton," "Perfection" & "Superior"), Wrightsville, Pa.

Cutters (Tube)

See Cutters, Flue

Cutters (Twine)

See Cutters, Rope, Cord & Twine

3613—Cutters (Twist Drill)

Becker Milling Machine Co., Hyde Park, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Buckeye Twist Drill Co., Alliance, O.
Cleveland Milling Machine Co., 18511 Euclid av, Cleveland, O.
Federal Adding Machine Corp., York & Grove, New Haven, Conn.
See adv index at end of book
McCarthy Drill & Tool Corp., Toledo, O.
NATIONAL TOOL CO. ("National-Cleveland"), Cleveland, O.
See adv index at end of book
Union Twist Drill Co., Athol, Mass.

3614— Cutters (Vegetable)

See also Cutters, Potato

American Fork & Hoe Co., Cleveland, O.
Ames Plow Co., Quincy Hall, Boston, Mass.
Aspinwall Mfg. Co., Jackson, Mich.
Athol Machine Co. ("American"), Athol, Mass.
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Chapman-Sargent, Perrysburg, O.
Disston Henry & Sons, Tacony, Phila., Pa.
Eddy W. Plow Co., Greenwich, N. Y.
Enterprise Mfg. Co. of Pa. ("Excelsior"), 3rd & Dauphin, Phila. Pa.
Goodell Co., Antrim, N. H.
Humphrey & Sons, Joliet, Ill.
Landers, Frary & Clark, New Britain, Conn.
Lewis E. J. (String Bean), Middleport, N. Y.
Mann F. W. Co., Milford, Mass.
Munnsville Plow Co. ("Lightning"), Munnsville, N. Y.
Rollman Mfg. Co. Ltd., Mt. Joy, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn., & 96 Lafayette, New York
Silver Mfg. Co. ("Rapid"), Salem, O.
Standard Bone Cutter Co., Milford, Mass.
Streeter N. R. & Co. ("Sensible"), Rochester, N. Y.
Thompson O. E. & Sons ("Ypsilanti"), Ypsilanti, Mich.
Tucker & Dorsey Mfg. Co., Indianapolis, Ind.

Cutters (Veneer)

See Veneer Cutting Machines

3615—Cutters (Wall Paper Base)

Cassady, Fairbank Mfg. Co. ("Falcon"), 6126 S La Salle, Chicago, Ill.

3616—Cutters (Washer & Gasket)

Allen Chas. I. ("Eagle"), Pequabuck, Conn.
Bonney Vise & Tool Works (Washer Only), Allentown, Pa.
See adv index at end of book
Braunsdorf-Mueller Co., Elizabeth, N. J.

THE CINCINNATI TOOL CO.
HARGRAVE

Norwood, Cincinnati, O.
Goodell-Pratt Co., Greenfield, Mass.
Kraeuter & Co., 583 18th av, Newark, N. J.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
McCrea Jas. & Co. ("Century"), 562 W Washington, Chicago, Ill.
Osborne C. S. & Co., Harrison, N. J.
Rose J. A. Mfg. Co., Hastings, Neb.
Sargent & Company ("Appleton's" Washer), New Haven, Conn.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Smith Otis A. (Washer Cutters Only), Rockfall, Conn.
Stortz Jno. & Son (Washer), 210 Vine, Phila., Pa.

3617— Cutters (Weed)

Gaterman Mfg. Co., Manitowoc, Wis.
Shaw H. C. Co. ("Clean-Cut"), Stockton, Cal.

Cutters (Wire)

See Cutters, Rod & Wire

3618—Cutters (Wire, on Log Cars)

Ransome-Leach Co., 115 B'way, New York

3619—Cutters & Grinders (Tool Holder)

Armstrong Bros. Tool Co. ("Armstrong" for Cutting Off & Grinding Tool Holder Cutters), 339 N Francisco av, Chicago, Ill.

3619a—*Cutting (Oxy-Acetylene)

LINDE AIR PRODUCTS CO., 42nd Street bldg, New York
See adv index at end of book

3620— Cuttlefish Bone

McKesson & Robbins, 91 Fulton, New York
Manhattan Drug Co. (Importers), 50 Warren, New York
Sheldon G. W. & Co. (Importers), 8 Bridge, New York

3621— Cyanamid

American Cyanamid Co., Nashville, Tenn.
Am. Nitrogen Products Co., Seattle, Wash.

3622— Cyanide

Braun Corporation, Los Angeles, Cal.
Breslauer A. (Industrial Chemicals, Cyanide of Sodium and Potassium), Am. Nat'l Bank bldg, San Francisco, Cal.
Fuerst Bros. & Co. (Imported), 2 Stone, New York
Griffiths K. F. & Co., 81 Fulton, New York
Harrison Works (Du Pont), (Cyanide of Soda), 35th & Gray's Ferry rd, Phila., Pa.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Roessler & Hasslacher Chemical Co. (Cyanide of Sodium), 100 William, New York

3623— Cyanide Plants

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Arizona & Sonora Mfg. Co., Nogales, Ariz.
Chalmers-Williams Mfg. Co., 1461 Arnold, Chicago Heights, Ill.
Colorado Iron Works Co. ("Rothwell," Continuous Thickener & Filter, etc), Denver, Colo.
Dorr Co. ("Dorr," Continuous Thickener, etc.), Denver, Colo.
Hendryx Cyanide Machinery Co. ("Hendryx" Dewaterer, etc), 136 Liberty, New York
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book
Koering Cyaniding Process Co., Hammond bldg, Detroit, Mich.
Llewellyn Iron Works, Los Angeles, Cal.
Moore Filter Co. ("Moore"), 43 Exchange pl, New York
Pacific Tank & Pipe Co., 318 Market, San Francisco, Cal.
Redwood Manufacturers Co. (Cal. Redwood), Hobart bldg, San Francisco, Cal.
Stearns-Roger Mfg. Co., Denver, Colo.
Traylor Engineering & Mfg. Co., Allentown, Pa.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

Cycles (Railway)

See Cars, Velocipede

3523a— *Cyclometers

See also Indicators, Speed

New Departure Mfg. Co. ("New Departure" for Bicycles), Bristol, Conn.
See adv index at end of book

3624— Cylinder (Re-Boring)

Allentown Experimental Works, Allentown, Pa.
Ambrose Machine Co. ("In Position"), Eagle & Provost, Brooklyn, N. Y.
Fritz Geo. J. Foundry & Machine Co., 2018 S 3d, St. Louis, Mo.
Gould Balance Valve Co., Kellogg, Ia.
Lindstrom Jno. T., Allentown, Pa.
Manitowoc Shipbuilding Co., Manitowoc, Wis.
Mathews Hugh, Kansas City, Mo.
Murray Iron Works Co., Central av & Washington, Burlington, Ia.
Renton Wm., 101 Water, Pittsburgh Pa.
Rooksby E. J. & Co., 435 N 11th, Phila., Pa.
Ruwell W. F., 719 Noble, Phila., Pa.
Schiller, Nolan & Co., 820 Cherry, Phila., Pa.
Underwood H. B. & Co., 1022 Hamilton, Phila., Pa.
Universal Mach. & Tool Co., Canton, O.
Wegner Machine Co., Buffalo, N. Y.
Wilson W. A. Machine Co., Rochester, N.Y.

3625—Cylinder & Tank Shells

American Welding Co., Carbondale, Pa.
BIGGS BOILER WORKS CO., Case av & William, Akron, O.
See adv index at end of book
Columbiana Boiler Co., Columbiana, O.
DOVER BOILER WORKS, Sales Offices: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
FABRICATED STEEL PRODUCTS CORP., Box 300, Leetonia, Ohio
See adv index at end of book
Freeman Mfg. Co., Racine, Wis.
Graver Wm. Tank Works, East Chicago, Ind.
Hetzel Steel Form & Iron Co., Warren, O.
See adv index at end of book
Leslie, Elliott & Co., Paterson, N. J.
McNeil Boiler Co., 96 Crozier, Akron, O.
Manitowoc Engng Works, Manitowoc, Wis.
Petroleum Iron Works Co., Sharon, Pa.
SCAIFE WM. B. & SONS CO., First Nat'l Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Smith Samuel & Son Co., Paterson, N. J.
Tippett & Wood, Phillipsburg, N. J.
Treadwell M. H. Co. of Illinois, 208 S La Salle, Chicago, Ill.
Walsh & Weidner Boiler Co., Chattanooga, Tenn. *See adv index at end of book*
Warren City Tank & Boiler Co., Warren, O.

3625a—Cylinders (Acetylene)

Commercial Cylinder Co., 80 B'way, New York

3626— *Cylinders (Air)

Deming Co., Salem, O.
See adv index at end of book

3627—Cylinders (Air Compressor)

See Cylinders, Carbonic Acid Gas; also Cylinders & Shells, Seamless Pressed Steel

3628— Cylinders (Ammonia)

Cureton Wm. & Sons, Lexington, Richmond Co., O.
Manitowoc Engng Works, Manitowoc, Wis.
National Tube Co. ("Shelby"), Seamless Steel), Frick bldg, Pittsburgh, Pa.
SCAIFE WM. B. & SONS CO., First Nat'l Bank bld, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

3629—Cylinders (Artesian Well)

American Well Works, Aurora, Ill.
See adv index at end of book
Chicago Well Supply Co. (Brass), 232 W Ontario, Chicago, Ill.
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.

CYLINDERS (ARTESIAN WELL)—cont'd

DEMING CO. (Brass), Salem, O.
See adv index at end of book
Fairbanks, Morse & Co. (Single & Double Acting), 900 S Wabash av, Chicago, Ill.
Flint & Walling Mfg. Co. ("Hoosier" Double Acting), Kendallville, Ind.
Hough Chas. N. Mfg. Co. (Cast Iron Seamless Cold Drawn Steel & Seamless Brass), Franklin, Pa.
Humphryes Mfg. Co. (Brass), Mansfield, O.
Mark Mfg. Co., Evanston, Ill.
Myers F. E. & Bro., 800 Orange, Ashland, O.
See adv index at end of book
National Tube Co., Frick bldg, Pittsburgh, Pa.
Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y. *See adv index at end of book*
San Antonia Machine & Supply Co. ("Samsca" Duplex), San Antonio, Tex.

3630—Cylinders (Blowing Engine)

Weimer Machine Works Co. ("Weimer"), Lebanon, Pa.

3631— *Cylinders (Brass)

DEMING CO., Salem, O.
See adv index at end of book

Cylinders (Brick Hardening)

See Cylinders, Hardening

Cylinders (Caisson)

See Caissons, Sheet Steel

3632-3—*Cylinders (Calcium Light)

SCAIFE WM. B. & SONS CO., First Nat'l Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

3634—Cylinders (Carbonic Acid Gas)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Harrisburg Pipe & Pipe Bending Co. (Seamless), Harrisburg, Pa.
Johnson A. W. V., Mchts. Exchange, San Francisco, Cal.
Kellogg M. W. Co., 90 West, New York
See adv index at end of book
National Tube Co. ("Shelby" Seamless Steel), Frick bldg, Pittsburgh, Pa.
SCAIFE WM. B. & SONS CO., First Nat'l Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

3635— Cylinders (Cast Iron)

Bethlehem Fdry. & Machine Co. (For Chemical Works, etc), South Bethlehem, Pa.
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Brunner Foundry & Mfg. Co., Peru, Ill.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Cooper C. & G. Co., Mt. Vernon, O.
Cureton Wm. & Sons, Lexington, Richland Co., O.
Hough Chas. N. Mfg. Co. (For Artesian & Oil Wells), Franklin, Pa.
Interstate Foundry Co., E 61st & Erie R. R., Cleveland, O.
Manufactures' Fdry Co. (For Auto), Waterbury, Conn.
Martin A. E. Foundry & Machine Co., 705 Park, Milwaukee, Wis.
Myers F. E. & Bro., 800 Orange, Ashland, O. *See adv index at end of book*
United States Cast Iron Pipe & Foundry Co. (Large), Burlington, N. J.
Waterbury Castings Co., Waterbury, Conn.
Wisconsin Cylinder Foundry Co., Racine, Wis.

Cylinders (Cement)

See Tanks & Cylinders, Cement

3636—Cylinders (Creosoting)

American Welding Co., Carbondale, Pa.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Casey-Hedges Co., Chattanooga, Tenn.
Coatesville Boiler Works, Coatesville, Pa.
Cole R. D. Mfg. Co., Newman, Ga.
Columbiana Boiler Co., Columbiana, O.
Connery & Co., 2d & Luzerne, Phila., Pa.
Dover Boiler Works, Sales Offices: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
FABRICATED STEEL PRODUCTS CORP., Box 300, Leetonia, O.
See adv index at end of book
Freeman Mfg. Co., Dept O, Racine, Wis.
Heggie James G. & Sons, Joliet, Ill.
Kittoe Boiler & Tank Co., Inc., Canton, O.
Blaw-Knox Co., Farmers' Bank bldg, Pittsburgh, Pa.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
McNeil Boiler Co., 96 Crozier, Akron, O.
McNeil Jas. & Bros. Co., Pittsburgh, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
New York Central Iron Wks Co. Inc., Hagerstown, Md.
Petroleum Iron Works Co., Sharon, Pa.
Reeves Bros. Co., Alliance, O.
SCAIFE WM. B. & SONS CO., First Nat'l Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Smith Samuel & Son Co., Paterson, N. J.
Struthers-Wells, Warren, Pa.
See adv index at end of book
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Treadwell M. H. Co. of Illinois., 208 S La Salle, Chicago, Ill.
Walsh & Weidner Boiler Co., Chattanooga, Tenn. *See adv index at end of book*
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

Cylinders (Deep Well)

See Cylinders, Artesian Well

3637—Cylinders (Gasoline Engine)

Bessemer Foundry Co., Grove City, Pa.
Cureton Wm. & Sons, Lexington, Richland Co., O.
Frontier Iron Works, 36 Letchworth, Buffalo, N. Y.
Interstate Foundry Co, East 61st & Erie R R, Cleveland, O.
Moore Sam'l L. & Sons (Marine & Stationary), Elizabeth, N. J.
Pequonnock Foundry, Bridgeport, Conn.
Wainwright W. W. & Son, Connersville, Ind.

3638— Cylinders (Glass)

Corning Glass Works, Corning, N. Y.
Pairpoint Corporation, New Bedford, Mass.

3639— Cylinders (Hardening)

American Clay Machinery Co., Willoughby, O.
Atlas Car & Mfg. Co. (For Sand, Lime, Brick Plants, etc), Cleveland, O.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Columbiana Boiler Co., Columbiana, O.
Dover Boiler Works. Sales Office: 50 Church, N. Y. Works: Dover, N. J.
See adv index at end of book
Freeman Mfg. Co., (Brick), Racine, Wis.
Heggie James G. & Sons, Joliet, Ill.
Jackson & Church Co. (Brick), Saginaw, Mich.
Manitowoc Engineering Works, Manitowoc, Wis.
Struthers-Wells Co. (Brick Hardening), Warren, Po. *See adv index at end of book*
Treadwell Construction Co., Midland, Pa.
See adv index at end of book
Walsh & Weidner Boiler Co., Chattanooga, Tenn. *See adv index at end of book*

3640— Cylinders (Hydraulic)

Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Columbiana Boiler Co., Columbiana, O.
Connery & Co., 2d & Luzerne, Phila., Pa.
Cureton Wm. & Sons, Lexington, Richland Co., O.
East Jersey Pipe Corp. (High Pressure), Paterson, N. J.
French Oil Mill Machinery Co., Piqua, O.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Houston Car Wheel & Machine Co., Houston, Tex.
Kellogg M. W. Co., 90 West, New York
See adv index at end of book
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Manitowoc Engineering Works, Manitowoc, Wis.
National Tube Co. ("Shelby" Seamless Steel Tubing, Frick bldg, Pittsburgh, Pa.
SCAIFE WM. B. & SONS CO., First Nat'l Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Western Pipe & Steel Co., San Francisco, Cal.

3641 — *Cylinders (Hydro-Pneumatic)

DEMING CO., Salem, O.
See adv index at end of book
MYERS F. E. & BRO., 800 Orange, Ashland, Ohio
See adv index at end of book

3642—Cylinders (Hydrogen, Oxygen & Chlorine)

Federal Pressed Steel Co., Keefe av & N Pierce, Milwaukee, Wis.
Harrisburg Pipe & Pipe Bending Co. (Seamless), Harrisburg, Pa.
International Oxygen Co. (dlrs), 115 B'way, New York
Johnson A. W. V., Mchts. Exchange, San Francisco, Cal.
Kellogg M. W. Co., 90 West, New York
See adv index at end of book
Manitowoc Engineering Works (Storage), Manitowoc, Wis.
National Tube Co. ("Shelby" Seamless), Frick bldg, Pittsburgh, Pa.
Pressed Steel Tank Co., 58th & Greenfield av, Milwaukee, Wis.
SCAIFE WM. B. & SONS CO., First Nat'l Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

3643— Cylinders (Irrigating)

DEMING CO. (Wind Mill), Salem, O.
See adv index at end of book
Humphryes Mfg. Co. (Porcelain & Brass Lined & Iron), Mansfield, O.

3644—Cylinders (Lard Cooling)

Allbright-Nell Co., 5323 Western blvd, Chicago, Ill.
Brecht Co., 1201 Cass av, St. Louis, Mo.
Devine J. P. Co., Buffalo, N. Y.

3645— Cylinders (Pump)

Crestline Mfg. Co., Crestline, O.
DEMING CO., Salem, O.
See adv index at end of book
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Hayes Pump & Planter Co., Galva, Ill.
Humphryes Mfg. Co. (Brass & Brass Lined), Mansfield, O.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
MYERS F. E. & BRO. (Ball, Glass & Poppet Valve, Spool Valves), 800 Orange, Ashland, O.
See adv index at end of book
Trahern Pump Co., Rockford, Ill.

3645a—*Cylinders (Regrinding)

Hanke Iron & Wire Works, 800 N Albany av, Chicago, Ill.
See adv index at end of book

3646—Cylinders (Rock Drill)

Cureton Wm. & Sons, Lexington, Richland Co., O.
Interstate Foundry Co., East 61st & Erie R R, Cleveland, O.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book

3647—Cylinders (Rotary Drying)

American Process Co., 68 William, New York
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Columbiana Boiler Co., Columbiana, O.
Cummer, F. D. & Son Co., Superior Arcade, Cleveland, Ohio
See adv index at end of book
DOVER BOILER WORKS. Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Freeman Mfg. Co., Dept. O, Racine, Wis.
Manitowoc Engineering Works, Manitowoc, Wis.
Reeves Bros. Co., Alliance, O.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Treadwell M. H. Co. of Illinois, 208 S La Salle, Chicago, Ill.
Turl Iron & Car Co., Inc., The, 50 Broad, New York; Works: Newburgh, N. Y.

3648— Cylinders (Tin)

Allenson Bros., 9 Steeple, Providence, R. I.
Getchell Seth S. & Son, Woonsocket, R. I.
Hill James Mfg. Co., 56 Westfield, Providence, R. I.
New England Ventilating & Heating Co., 926 Manton av, Providence, R. I.
Plews R. Mfg. Co., Central Falls, R. I.

3649— Cylinders (Vanadium)

Capitol Foundry Co. (Automobile, etc), Hartford, Conn.
DuBois Foundry Co. (Small), Cold Spring, N. Y.
Manufacturers Foundry Co. (Automobile, etc), Waterbury, Conn.
Perkins Henry Co. (Automobile & Motor Cycle), Bridgewater, Mass.

3650—Cylinders (Vulcanizing)

American Welding Co., Carbondale, Pa.
Casey-Hedges Co., Chattanooga, Tenn.
Manitowoc Engineering Works, Manitowoc, Wis.

3651— Cylinders (Welded)

AMERICAN SPIRAL PIPE WORKS (Lap Welded), Chicago, Ill.
See adv index at end of book
American Welding Co., Carbondale, Pa.
Brunner Foundry & Mfg. Co., Peru, Ill.
Continental Iron Works, West & Calyer, Brooklyn, N. Y.
Kellogg M. W. Co., 90 West, New York
See adv index at end of book
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Manitowoc Engineering Works, Manitowoc, Wis.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York.
See adv index at end of book

3652—Cylinders (White Porous Clay)

Maddock John & Sons, Trenton, N. J.

3653-4—*Cylinders (Wooden)

ESTES E. B. & SONS, 364 5th av, New York. *See adv index at end of book*

3655—Cylinders & Tanks (Seamless Steel)

American Welding Co. (Welded Steel), Carbondale, Pa.
Federal Pressed Steel Co. (Cold Drawn), Keefe av & N Pierce, Milwaukee, Wis.
Harrisburg Pipe & Pipe Bending Co., Harrisburg, Pa.
Janney, Steinmetz & Co. (Mfrs. Agents), 1421 Chestnut, Phila., Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Pressed Steel Tank Co., 58th & Greenfield av, Milwaukee, Wis.
Wilcox W. W. Co., 1735 Armitage av, Chicago, Ill.

3656— Cymene

Industrial Chemical Co., 200 Fifth av, New York

3657—Dabbers (Metallic, Automatic)

Tillotson Humidifier Co. ("Greenwood" for Noble Combs), 78 Fountain, Providence, R. I.

3658—Dairy Apparatus & Supplies

See also Specific Article Required
Blanke Mfg. & Supply Co., 3rd & Wash'n av, St. Louis, Mo.
Burrell D. H. & Co., Little Falls, N. Y.
Cherry J. G. Co., Cedar Rapids, Iowa
Creamery Package Mfg. Co., 61 W Kinzie, Chicago, Ill.
Clinton Mfg. Co., Clinton, Wis.
Dairy Machinery & Construction Co., Derby, Conn.
Dairymen's Mfg. Co., Bay, Jersey City, N. J.
Dobson Mfg. Co., Rockford, Ill.
Gowing Dietrich Co., 240 W Jefferson, Syracuse, N. Y.
Hall Bros. Co., West Acton, Mass.
Hunt, Helm, Ferris & Co., Harvard, Ill.
Jones Frank L., Utica, N. Y.
Manning Mfg. Co., Rutland, Vt.
Oakes & Burger Co., Cattaraugus, N. Y.
Official Mfg. Co., La Crosse, Wis.
Reid A. H. Creamery & Dairy Supply Co., 69th & Haverford, Phila., Pa.
Reinhold & Meyer Mfg. Co., Plymouth, Wis.
Sharples Separator Co., West Chester, Pa.
Thatcher Mfg. Co., Elmira, N. Y.
Vermont Farm Machine Co. ("Skimer," "V. F. M.," "Philadelphia," "Eureka"), Bellows Falls, Vt.
Wright R. G. & Co., Buffalo, N. Y.

Damar Gum Importers

See Varnish Gums

3659— Damasks (Cotton)

Avon Mills Co., (Toweling & Table), Lewiston, Me.
Blair Mills, Belton, S. C.
Clarke Wm. & Sons (Table), Cedar & Margaret, Phila., Pa.
Fidelity Mfg. Co., Charlotte, N. C.
Fink Adam (Table), Orthodox & Large, Phila., Pa.
Fountain Inn Mfg. Co. (Table), Fountain Inn, S. C.
Gorman Thos. C. (Turkey Red), Adams & Church, Phila., Pa.
Hewett C. G., Unity & Leiper, Phila., Pa.
Huss Mfg. Co. (Table), Bessemer City, N. C.
Irene Mills (Table), Gaffney, S. C.
Kincaid Mfg. Co. (Toweling), Griffin, Ga.
Krager J. (Table), 1543 Ruan, Phila., Pa.
Pauline Mills (Table), Kings Mountain, N. C.
Pepperton Cotton Mills (Toweling), Jackson, Ga.
Renfrew Mfg. Co. (Table), Adams, Mass.
Spencer Mountain Mills (Bleached Toweling & Mercerized Table), Lowell, N. C.
Spencer & Chatterton (Table), 5817 Walker, Phila., Pa.
Stevens Mfg. Co. (Table), Fall River, Mass.
Thorpe Richard Co., 1657 Meadow, Phila., Pa.
Wall Daniel, Unity & Leiper, Phila., Pa.
Wardlow J. & W. (Table), 1615 Foulkrod, Phila., Pa.
Witty Chas. H. & Co. (Turkey Red), Wayne & Berkley, Phila., Pa.
Woodstock Cotton Mills (Table), Anniston, Ala.

When writing to firms whose names appear in this book please mention
HENDRICKS' COMMERCIAL REGISTER.

3660— Damp Course

See also Waterproofing Materials
Barrett Co., 17 Battery pl, New York
Bird & Son ("Neponset"), East Walpole, Mass.
Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
General Roofing Mfg. Co., Boatman's Bank bldg, St. Louis, Mo.
Pacific Refining & Roofing Co. ("Plasterite"), 16th & Texas, San Francisco, Cal.
Patent Vulcanite Roofing Co. ("Vulcanite" Asphalt), 2256 W 49th, Chicago, Ill.
Simpson Bros. Corporation, 166 Devonshire, Boston, Mass.
Standard Paint Co. (Ru-ber-Oid), 233 Broadway, New York
Trinidad Asphalt Mfg. Co., Title Guaranty Trust bldg, St. Louis, Mo.

Damp Proofing Compounds

See Waterproofing Materials

3661— Dampers (Coke Oven)

Helmick Foundry & Machine Co., Fairmont, W. Va.

3662—Dampers (Fireplace, Etc.)

Adams Co., Dubuque, Ia.
Colonial Fireplace Co. ("Colonial & Myers"), 4631 W 12th, Chicago, Ill.
COVERT H. W. CO. ("Covert Throat"), 351 Lexington av, New York
DONLEY BROS. CO. ("D. B."), 3625 E 74th, Cleveland, O.
See adv index at end of book
JACKSON EDWIN A. & BRO. (Inc.) (Dome Slide & Ratchet, etc), 50 Beekman, New York
See adv index at end of book
Jardine Walter S. & Sons Co. ("Jardine" Throat), 155 Forest, Arlington Heights, Mass.
Milford Iron Foundry, Milford, Mass.
Peerless Mfg. Co. ("Peerless"), Louisville, Ky.
Richardson Eri H., 742 Market, San Francisco, Cal.
Shover Mfg. Co., Freeport, Ill.

3663— Dampers (Flue)

Pratt Engineering & Machine Co. (For Chemical Works), Atlanta, Ga.

3664—Dampers (For Forced Draft)

Buffalo Forge Co., Buffalo, N. Y

3665— Dampers (Stove Pipe)

Adams Co. ("Diamond"), Dubuque, Ia.
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Arcade Mfg. Co. ("Arcade"), Freeport, Ill.
Arnold Damper (Inc.), ("Arnold"), Goshen, Ind.
Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
Cheney S. & Son, Manlius, N. Y.
Crunden Martin Mfg. Co., 2d & Gratiot, St. Louis Mo.
Detroit Register Co. ("Yankee"), Detroit, Mich.
Devlin Thos Mfg. Co., 3d & Lehigh avs, Phila., Pa.
Gray Iron Foundry Co. (Cast Iron, Spring Handle, etc), Reading, Pa.
Grey Iron Casting Co. (Hot Air), Mt. Joy, Pa.
Griswold Mfg. Co. ("American"), Erie, Pa.
Hood Furnace & Supply Co. ("Hood" Combination & Check Draft), Corning, N. Y.
Kramer Bros. Foundry Co. ("Gem"), Dayton, O.
Loetscher-Ryan Mfg. Co. ("Star"), Dubuque, Ia.
Republic Metalware Co. The, Buffalo, N.Y.
Sayre Stamping Co. ("Uncle Sam"), Sayre, Pa.
Stover Mfg. Co. ("Ideal"), Freeport, Ill.
Taylor & Boggis Foundry Co., Cleveland, Ohio
Whitaker-Glessner Co. (Wheeling Corrugating Dept.) ("Wheeling," Cast & Sheet Iron), Wheeling, W. Va.
Williams A. C. Co., Ravenna, O.
Wrightsville Hardware Co. ("Brighton"), Wrightsville, Pa.

3666—*Darners (Stocking & Glove)

ESTES E. B. & SONS, 364 5th av, New York. *See adv index at end of book*

3667— Dashes (Automobile)

Aluminum Co. of America (Aluminum), Oliver bldg, Pittsburg, Pa. *See adv index at end of book*
American Veneer Co. (Wood), Hoboken, N. J.
Auto Sheet Metal Works (Metal), 2420 W 22d, Chicago, Ill.
Columbus Auto Brass Co. (Metal), 769 N 4th, Columbus, O.
Detroit Auto Dash Co. (Wood), 519 Beaubien, Detroit, Mich.
Hanson-Ward Veneer Co. (Wood), Bay City, Mich.
Hayes Mfg. Co. (Metal), Detroit, Mich.
Indiana Veneer & Panel Co. (Wood), New Albany, Ind.
Kahler Co. (Wood), New Albany, Ind.
Peters & Heron Dash Co., 533 E Long, Columbus, O.
Todd Mfg. Co., 14 N 12th, Minnesota, Minn.

3668— Dashes (Carriage)

Kroh C. Z. Mfg. Co., Toledo, O.
McKinnon Dash Co., Buffalo, N. Y.
Peters Harness & Saddlery Co., 346 Mulberry, Newark, N. J.
Peters & Herron Dash Co., 533 E Long, Columbus, O.

3669— Dashes (Screen)

Erdle Perforating Co., 181 York, Rochester, N. Y. *See adv index at end of book*
Harrington & King Perforating Co., 614 N Union av, Chicago, Ill.
Woodruff Walter W. & Sons Co., Mt. Carmel, Conn.

3670— Dashes (Sleigh)

Searls Mfg. Co. (Screens), 29 Mulberry, Newark, N. J.

3671— Davits (Ship)

Stewart Davit & Equipment Corp., 17 Battery Pl., New York
Welin Marine Equipment Co. ("Welin Quadrant," etc), 305 Vernon av, Long Island City, N. Y.
Wilcox, Crittenden & Co. (& Anchor), Middletown, Conn.

Decalcomania Transfers

See Ornaments, Transfer

Decarbonizers

See Removers, Carbon

Decorations

Under this heading see Sub-classifications:

For other materials used for decorating, etc., see the following classifications in different parts of the book:

Capitals, Composition; Carvers, Stone; Carvers, Wood, Classic; Ceilings, Sheet Steel; Floors, Parquet; Glass Stainers; Grille, Fret & Lattice Work; Marble, Art (Scagliola), Marble Interior Work; Memorial Windows; Modelers & Sculptors, Architectural; Mosaics, Various Kinds; Mouldings, Various Kinds; Ornaments, Various Kinds; Papier Mache; Scenic Artists; Sheet Metal Borders, Friezes, etc; Stucco Work; Tiles, Various Kinds; Wall Finishes.

3672—Decorations (Carton Pierre)

Architectural Decorating Co., 1600 S Jefferson, Chicago, Ill.
Decorators Supply Co., **Archer av & Leo,** Chicago, Ill.
Emmel Chas. & Rose Co., 383 Albany, Boston, Mass.
Emmel Co., 81 Bristol, Boston, Mass.
Seifert Frank A., Plastic Relief Co., 2627 Dayton, St. Louis, Mo.

3673— Decorations (Church)

Dolan W. J., 100 Boylston, Boston, Mass.
Geissler R., 56 W 8th, New York
Halbert Geo. & W., 134 Livingston, Brooklyn, N. Y.
Lamb J. & R. (Inc), 25 6th av, New York
Raby, Hinton & Co., Mechanicsburg, Pa.
Righter & Kolb, 420 Madison av, New York
Tiffany Studios, Madison av & 45th, New York
Whitman Studios, 900 Oxford, Phila., Pa.

3674—Decorations (Plastic Relief)

Architectural Decorating Co., 1600 S Jefferson, Chicago, Ill.
Decorators' Supply Co., Archer av & Leo, Chicago, Ill.
Emmel Chas. & Rose Co., 383 Albany, Boston, Mass.
Emmel Co., 81 Bristol, Boston, Mass.
Forman Geo. A., 654 Gates av, Brooklyn, N. Y.
Klee-Thomson Co., 327 E 40th, New York
Milwaukee Ornamental Carving Co., 423 Poplar, Milwaukee, Wis.
National Plastic Relief Co., Blue Rock & Turrill, Cincinnati, O.
Righter & Kolb, 420 Madison av, New York
Root C. R., Hartford, Conn.
Seifert Frank A. Plastic Relief Co., 2627 Dayton, St. Louis, Mo.
Tognarelli & Voigt Co., 1743 N 12th, Phila., Pa.
Walter G. E., 157 E 44th, New York

3675—Decorations (Theatre)

Architectural Decorating Co., 1600 S Jefferson, Chicago, Ill.
Decorators' Supply Co., Archer ave & Leo, Chicago, Ill.

Emmel Chas. & Rose Co., 383 Albany, Boston, Mass.
Halbert Geo. & W., 134 Livingston, Brooklyn, N. Y.
Righter & Kolb, 420 Madison av, New York
Seifert Frank A., Plastic Relief Co., 2627 Dayton, St. Louis, Mo.
Story O. L. Scenic Co., Somerville, Mass.

3676—Decorative Art Leathers

Baldwin T. F. 3 W 47th, New York
Cordova Leather Co., 176 Madison av, New York
Johnson Leather Co., 43 W 16th, New York
Righter & Kolb, 420 Madison av, New York
ZAPON LEATHER CLOTH CO. (Formerly Boston Artificial Leather Co.) ("Zapon"), 200 5th av, New York

3677—Decorative Art Tapestries

Brounet Arthur, 1133 B'way, New York
Mills J. C. Co., 44 Clinton, Brooklyn, N. Y.
Turner J. Spencer Co., 86 Worth, New York

3678—Decorative Electric Lighting

Anglo-Am. Co. (Tree Outfits), 634 Smithfield, Pittsburg, Pa.
Beacon Elec. Wks. (Xmas Tree Ltg. Outfits), 132 King, New York
Cumberland Elect. Mfg. Co., Memphis, Tenn.
Elec'l Decorative Flower Co., 140 W 116th, New York
Elux Miniature Lamp Division ("Jaeger"), 6 E 39th, New York
Fensterer & Ruhe (Sprays, Leaves), 37 Murray, New York
General Elec. Co. (Xmas Tree Ltg. Outfits), Schenectady, N. Y. *See adv index at end of book*
Gudeman & Co. (Flower Baskets, Christmas Tree Lighting Outfits), 19 W 36th, New York
Import Sales Co. (Xmas Tree Ltg.), 27 W 20th, New York
Interstate Electric Novelty Co. (Xmas Tree Outfits, etc), 104 S 4th, New York
McCandless H. W. & Co. (Xmas Tree Lighting Outfits), 406 W 31st, New York
Manhattan Electrical Supply Co. (Christmas Tree & Decorative), 17 Park pl, New York *See adv index at end of book*
Propp M. Co., 108 Bowery, New York
Rounds Elec. Co. (Flowers), 44 Boylston, Boston, Mass.
Standard Electric Novelty Co. (Xmas Tree), 730 W Randolph, Chicago, Ill.
Tardie E. J., 156 5th av, New York
Union Battery Co. (Xmas Tree Battery Lighting Outfits), Belleville, N. J.
Warren Walter G. & Co., 1401 W Jackson blvd, Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

3679—Decorators (Architectural)

Architectural Decorating Co., 1600 S Jefferson, Chicago, Ill.
Binner Theo., 423 14th, San Francisco, Cal.
Brounet Arthur, 1133 B'way, New York
Buehner A. Decorators' Supply Co., St. Louis, Mo.
Decorators' Supply Co., Archer av & Leo, Chicago, Ill.
Detroit Decorative Supply Co., Detroit, Mich.
Emmel Chas. & Rose Co., 383 Albany, Boston, Mass.
Emmel Co., 81 Bristol, Boston, Mass.
Jennens W. H., 1811 Baltimore av, Kansas City, Mo.
Klee-Thomson Co., 327 E 40th, New York
Lombard & Ludwig, 309 14th, N W, Washington, D. C.
Mills J. Clawson Co., 44 Clinton, Brooklyn, N. Y.
Milwaukee Ornamental Carving Co., 423 Poplar, Milwaukee, Wis.
Righter & Kolb, 420 Madison av, New York
Root C. R., Hartford, Conn.
Schneider F. H., 631 W Belden av (Altar Builders, etc), Syracuse, N. Y.
Seifert Frank A., Plastic Relief Co., 2627 Dayton, St. Louis, Mo.
Tugnarelli & Voigt Co., 1743 N 12th, Phila., Pa.

Decorators (Ecclesiastical)

See Decorations, Church

3680—Decorators & Painters (Mural)

Boyle Jno. Co., New Britain, Conn.
Geissler R., 56 W 8th, New York
Nelson W. P. Co., 614 S Michigan av, Chicago, Ill., & 120 W 29th, New York
Rambusch Decorating Co., 2 W 45th, New York
Weber, Lind Co., 1011 Chester av, Cleveland, O.

3681— Decoys (Duck, Etc.)

Canvass Decoy Co. ("Acme" Pneumatic), Union City, Tenn.
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Johnson Wm. R. ("Johnson's" Folding Paper), Seattle, Wash.
Read William & Sons ("Plover" Tin, also Grease), 364 Washington, Boston, Mass.

3682— Defecators

Blymyer Iron Works Co. ("Santa Clara"), Cincinnati, O.
Coldwell-Wilcox Co., Newburgh, N. Y.
Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
FABRICATED STEEL PRODUCTS CORP., Box 300, Leetonia, O. *See adv index at end of book*
Flynn W. S., 76 Hudson, Jersey City, N. J.
Gerdes & Co., 42 Church, New York *See adv index at end of book*
Haubtman & Loeb Co. (Ltd.), 717 Magazine, New Orleans, La.
Joubert & Goslin Mach. & Fdry. Co., Birmington, Ala.
Kilby Mfg. Co., Cleveland, O.
Krajewski-Pesant Corp., 54 Beard, Brooklyn, N. Y.
Murphy, Jno. H., 643 Magazine, New Orleans, La.
Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.
Pusey & Jones Co., ft Poplar, Wilmington, Del.
Squier Geo. L. Mfg. Co., Buffalo, N. Y.
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
TURL IRON & CAR CO. (INC.), THE, 50 Broad, New York. Works: Newburgh, N. Y.
WALSH & WEIDNER BOILER CO., Chattanooga, Tenn. *See adv index at end of book*

3683—Deflectors (Auto-Light)

Art Metal Mfg. Co. ("Amco" Deflector), E 61st & Curtiss av, Cleveland, O.
Heinze Elec. Co. ("Ames" Deflector), Lowell, Mass.

3684—Deflectors (Car Heater)

Lord Mfg. Co., 105 W 40th, New York

3684a— Deflectors (Heat)

Heitland Grate & Mantel Co. (For Open Fireplaces), 120 W 5th, Quincy, Ill.

3685— Degerminators

Nordyke & Marmon Co. (Corn), 1290 Kentucky av, Indianapolis, Ind.
Union Iron Works, Decatur, Ill.

3686— Degras

Innes, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*
Klipstein A. & Co. (Imp.), 644 Greenwich, New York
Marden, Orth & Hastings Co., 61 B'way, New York
Montgomery W. L. & Co. ("Arlington Mills"), 10 High, Boston, Mass.
Pfaltz & Bauer ("Golden Fleece" Imported), 300 Pearl, New York
Swan & Finch Co. (Imported), 165 B'way, New York
Young Frank L. Co. (Anchor & Merino), 111 Purchase, Boston, Mass.

3687— Degreasing

Grease & Oil Extracted from All Kinds of Leather

KUTZTOWN FOUNDRY & MACHINE CO. (Plants & Equipments for Degreasing), 1421 Chestnut, Phila., Pa.
See adv index at end of book
Printz Degreasing Co., 1001 Chestnut, Phila., Pa.
Simonin's C. F. Sons, Tiogo & Belgrade, Phila., Pa.
Spence Degreasing Co., 26 Av L, Newark, N. J.
Woburn Degreasing Co., Woburn, Mass.

3688—*Degreasing Plants & Equipments

KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phia., Pa.
See adv index at end of book

3689— Dehorners (Cattle)

Leavitt Mfg. Co. ("Leavitt," "H. H. Brown," "Newton & McGee"), Urbana, Ill.

Phillips Morris T. ("Keystone"), Pomeroy, Pa.
Pratt Wm. E. Mfg. Co. ("Perfect"), 35 W Lake, Chicago, Ill.
Rhodes Mfg. Co., Grand Rapids, Mich.
Ridgely Trimmer Co., Springfield, O.
Sayre L. A. Co. ("Calf"), 332 Mulberry, Newark, N. J.

3690—Delta Metal Bars & Plates

Phosphor Bronze Smelting Co., 2200 Washington av, Phila., Pa.

3691—Demagnetizers (Watch)

Green W. Electric Co., 81 Nassau, New York
Knoblock-Heideman Mfg. Co., South Bend, Ind.
McDonald Elec. Co., Chenoa, Ill.
Quick Action Ignition Co., South Bend, Ind.
Sorenson P., 18 Dunham pl, Brooklyn, N. Y.

3692— Demijohns

Bahr Demijohn Co., 901 Grand, Bklyn, N. Y.
Boley B., Olean, N. Y.
Hawley Glass Co., Hawley, Pa.
Illinois Glass Co., Alton, Ill.
Illinois Pacific Glass Co., 15th & Folsom, San Francisco, Cal.
Ohio Lantern Co. (Wire Cushioned), Tiffin, Ohio
Robinson Clay Product Co. (Pottery), Akron, O.
Scott-Warman Glass Co., East Stroudsburg, Pa.
White Fred C. (Boxed "Twoplex"), 241 Water, New York

3693— Denims

Amoskeag Mfg. Co., Manchester, N. H.
Canton Cotton Mills (Blue Indigo), Canton, Ga.
Carhartt Hamilton Cotton Mills, Rock Hill, S. C.
Columbian Mfg. Co., Greenville, N. H.
Eagle & Phenix Mills, Columbus, Ga.
Erwin Cotton Mills Co., West Durham, N. C.
Everett Mills, 120 Franklin, Boston, Mass.
Falls Co., Norwich, Conn.
Hamburger Cotton Mills, Columbus, Ga.
Holt, Gant & Holt Cotton Mfg. Co., Elon College, N. C.
McAden Mills, McAdenville, N. C.
Massachusetts Cotton Mills, Lowell, Mass.
Oakland Mills, Taunton, Mass.
Otis Co. (Fancy), Boston, Mass.
Pelham Mfg. Co., Pelham, Ga.
Pell City Mfg. Co. (Indigo), Pell City, Ala.
Pemberton Co., Lawrence, Mass.
Proximity Mfg. Co. (Indigo Blue), Greensboro, N. C.
Royal Mills (All Colors), Charleston, S. C.
Shetucket Co., Greenville, Conn.
Texas Cotton Mill Co., McKinney, Texas
Thorndike Co., Thorndike, Mass.
Tupelo Cotton Mills, Tupelo, Miss.
Uncasville Mfg. Co., Uncasville, Conn.
Walton Cotton Mill Co., Monroe, Ga.
Whitaker Wm. & Sons, Cedar Grove, Phila., Pa.
White Bros., E. Jaffrey, N. H.
White N. D. & Sons, Winchendon Springs, Mass.
York Mfg. Co., Saco, Me.

3694— Depilatories

Grasselli Chemical Co., Guardian bldg, Cleveland, O.

3694a—*Depressors (Tongue)

Estes E. B. & Sons, 364 5th av, New York.
See adv index at end of book

3695— Derailers (Car)

American Frog & Switch Co., Hamilton, Ohio
Cincinnati Frog & Switch Co., Cincinnati, Ohio *See adv index at end of book*
Cleveland Frog & Crossing Co. ("Porter"), Cleveland, O.
General Railway Signal Co. ("Anderson-Bevan"), Rochester, N. Y.
Hayes Track Appliance Co. ("Hayes" Lifting & Pivot De-Rails, for Steam or Street Railways), Richmond, Ind.
Hobart Allfree Co. ("Freeland" Mechanical Clamp & "Smyth" Hand Throw), 37 W Vanburen, Chicago, Ill.
Indianapolis Switch & Frog Co., Springfield, O.
Morden Frog & Crossing Works (Half Split), 208 S La Salle, Chicago, Ill.
Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.
Pneumatic Gate Co., 1921 S Fairfield av, Chicago, Ill.
Q. & C. Co., 90 West, New York
Railroad Supply Co. ("Chicago"), 203 S Dearborn, Chicago, Ill.
Ramapo Iron Works, Hillburn, N. Y.
St. Louis Frog & Switch Co., Chemical bldg, St. Louis, Mo.
Weir Frog Co., Cincinnati, Ohio
Wharton Wm. Jr. & Co. Inc., Easton, Pa.

3696—Derrick Irons & Fittings

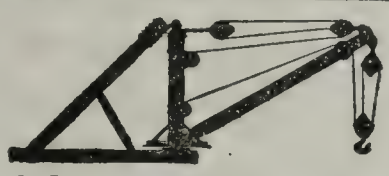
Allen Engine Co., 5315 N 2d, Phila., Pa.
American Hoist & Derrick Co., St. Paul, Minn.
Boland Machine & Mfg. Co., 1006 Tchoupitoulas, New Orleans, La.
Boston Oregon Mast Co., 131 Coleridge, East Boston, Mass.
Buffalo Hoist & Derrick Co., 131 Erie, Buffalo, N. Y.
See adv index at end of book
Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER

CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book

Derrick Irons & Fittings
MANUFACTURED BY
CLYDE IRON WORKS
DULUTH, MINN.

Dobbie Foundry & Machine Co., Main Office & Works: Niagara Falls, N. Y.
Lane Mfg. Co. (Derrick Turning Gears, Air or Steam), Montpelier, Vt.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
Memphis Machine Works, Memphis, Tenn.
National Equipment Co. (Convertible), 123 S Racine ave, Chicago, Ill.
See adv index at end of book


IMPROVED CONVERTIBLE DERRICKS
Blocks Sheaves Bushings
THE NATIONAL EQUIPMENT CO.
123 So. Racine Ave. Chicago, Ill.

New Albany Machine Mfg. Co., New Albany, Ind.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Pittsburgh Block & Mfg. Co., 818 South av, Pittsburgh, Pa.
Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill.
See adv index at end of book
SHANNON J. JACOB & CO., 1744 Market, Phila., Pa.
Smith Theo. & Sons Co., ft Essex, Jersey City, N. J.
South St. Louis Foundry Co., 7514 S B'way, St. Louis, Mo.
Street Bros. Machine Works, Chattanooga, Tenn.
Stroudsburg Engine Works, Stroudsburg, Pa.
Terry Edw. F. Mfg. Co., Grand Central Terminal, New York
Terry & Tench Co., 70 E 45th, New York
Union Iron Works, Hoboken, N. J.
Vulcan Iron Works, 327 N Irving av, Chicago, Ill.

Derrick Spars, Masts & Booms

See Masts & Spars

Derrick Swingers

See Engines, Swinging

3696a—*Derricks (A. Frame)

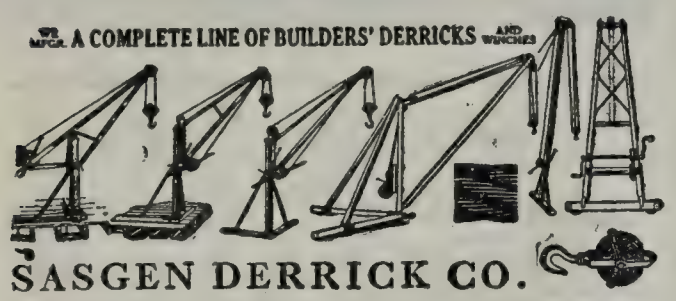
National Equipment Co., 123 S Racine av, Chicago, Ill. *See adv index at end of book*

3697— Derricks (Builders')

See also Hoists, Various Kinds
American Hoist & Derrick Co., St. Paul, Minn.
BUFFALO HOIST & DERRICK CO., 131 Erie, Buffalo, N. Y.
See adv index at end of book
Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
Dobbie Foundry & Machine Co., Main Office & Works: Niagara Falls, N. Y.
Insley Mfg. Co., 3500 E St. Clair, Indianapolis, Ind.
Lambert Hoisting Engine Co., 117 Poinier, Newark, N. J.

DERRICKS (BUILDERS')—continued

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
Minneapolis Steel & Machy. Co., 29th & Drexel, Minneapolis, Minn.
Mundy J. S. Hoisting Engine Co., 722 Frelinghuysen av, Newark N. J. *See adv index at end of book*
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa. *See adv index at end of book*
Sasgen Derrick Co. ("Sasgen" Circle Swing, Hand Power), 3101 W Grand av, Chicago, Ill. *See adv index at end of book*



Shannon J. Jacob & Co., 1744 Market, Phila., Pa.
Taylor Portable Steel Derrick Co., 215 W Grand av, Chicago, Ill.
Terry & Tench Co., 70 E 45th, New York
Williams G. H,. Co., Erie, Pa.

3698— Derricks (Crane)

American Hoist & Derrick Co., St. Paul, Minn.
Buffalo Hoist & Derrick Co., 131 Erie, **Buffalo, N. Y.** *See adv index at end of book*
Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O. *See adv index at end of book*
CLYDE IRON WORKS, Duluth, Minn. *See adv index at end of book*
Dobbie Foundry & Machine Co. Main Office & Works: Niagara Falls, N. Y.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa. *See adv index at end of book*
Maine Electric Co. (Electric), Portland, Me.
NORTHERN ENGINEERING WORKS (Electric), 9 Chene, Detroit, Mich. *See adv index at end of book*
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa. *See adv index at end of book*
Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill. *See adv index at end of book*
SHANNON J. JACOB & CO., 1744 Market, Phila., Pa.
STREET BROS. MACHINE WORKS, Chattanooga, Tenn.
Williams G. H. Co., Erie, Pa.

3699— Derricks (Farm)

Friend Mfg. Co., Gasport, N. Y.
Heller-Aller Co., Napoleon, O.
Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill. *See adv index at end of book*

3700—*Derricks (Floating or Barge)

BUFFALO HOIST & DERRICK CO., 131 Erie, Buffalo, N. Y. *See adv index at end of book*
CLYDE IRON WORKS, Duluth, Minn. *See adv index at end of book*
HAYWARD CO., THE, 50 Church, New York *See adv index at end of book*
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
National Equipment Co., 123 S Racine av, Chicabo, Ill. *See adv index at end of book*
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa. *See adv index at end of book*

3701— Derricks (Folding)

Dobbie Foundry & Machine Co., Main Office & Works: Niagara Falls, N. Y.
Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill. *See adv index at end of book*
SPEIDEL JOHN G., Reading Pa. *See adv index at end of book*

3702-3— Derricks (Guy)

American Bridge Co. (Steel), 30 Church, New York
American Hoist & Derrick Co. (Self-Slewing Steel or Wooden), St. Paul, Minn.
Bedford Foundry & Machine Co. (Steel), Bedford, Ind.
Bronx Derrick & Tool Co. ("Dennis" for Stone Setters, Iron Workers, etc.), 143d & Southern blvd, New York
Buffalo Hoist & Derrick Co., 131 Erie, **Buffalo, N. Y.** *See adv index at end of book*
Byers Jno. F. Machine Co., 242 Sycamore, Ravenna, O. *See adv index at end of book*
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
CLYDE IRON WORKS, Duluth, Minn. *See adv index at end of book*
Dobbie Foundry & Machine Co., Main Office & Works: Niagara Falls, N. Y.
HAYWARD CO., THE, 50 Church, New York *See adv index at end of book*
Hoisting Machinery Co., 50 Church, New York *See adv index at end of book*
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
Minneapolis Steel & Machinery Co. (Steel or Timber Mast, Steel Boom, Operated by "Twin-City" Electric, Gasoline & Steam Hoists), 29th & Drexel, Minneapolis, Minn.
Monighan Machine Co., 2032 Carroll av, Chicago, Ill.
National Equipment Co., 123 S Racine av, Chicago, Ill. *See adv index at end of book*
National Iron Co., Duluth, Minn.
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Sasgen Derrick Co. ("Sasgen" Guy Line,) 3101 W Grand av., Chicago, Ill. *See adv index at end of book*
South St. Louis Foundry Co., 7514 S B'way, St. Louis, Mo.
Stroudsburg Engine Works, Stroudsburg, Pa.
Terry & Tench Co., 70 E 45th, New York
Williams G. H. Co., Erie, Pa.

3704—*Derricks (Locomotive)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa. *See adv index at end of book*

Derricks (Log Loading)

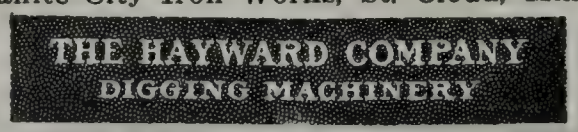
See Loaders, Log

3705— Derricks (Misc.)

See also Cranes of Various Kinds; also Hoists of Various Kinds

Biegert J. C. Machine Works, Seattle, Wash.
Browning Victor R. & Co., 17701 Lake Shore blvd, Cleveland, O., Mansfield, O. & College Point, N. Y. *See adv index at end of book*
Byers Jno. F. Machine Co., 242 S Sycamore av, Ravenna, O. *See adv index at end of book*
CLYDE IRON WORKS, Duluth, Minn. *See adv index at end of book*

Granite City Iron Works, St. Cloud, Minn.



50 CHURCH STREET, NEW YORK *See adv index at end of book*
Kelly L. J. Mfg. Co. (Breast & Ditch), Albany, N. Y.
Lake Shore Engine Works (& Derrick Hoisters), Marquette, Mich.
Lane Mfg. Co. (Boom), Montpelier, Vt.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
Lincoln Iron Works, Rutland, Vt.
Northwestern Iron Works, Seattle, Wash.
Patch F. R. Mfg. Co., Rutland, Vt.
St. Cloud Iron Works, St. Cloud, Minn.
SHANNON J. JACOB & CO., 1744 Market, Phila., Pa.
Smith, Whitcomb & Cook Co., Barre, Vt.
Superior Iron Works Co. (Heavy & Swinging Engines), Superior, Wis.
Taylor Portable Steel Derrick Co., 215 W Grand av, Chicago, Ill.
Vogel Tool Co., 912 E 19th, Kansas City, Mo.
Washington Iron Works, Seattle, Wash.
Williams G. H. Co., Erie, Pa.

3706—Derricks (Oil & Water Well)

Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa. *See adv index at end of book*
Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill. *See adv index at end of book*

3707— Derricks (Pile Driving)

Buffalo Hoist & Derrick Co., 131 Erie, **Buffalo, N. Y.** *See adv index at end of book*
CLYDE IRON WORKS (Mounted on Spool Rollers), Duluth, Minn. *See adv index at end of book*
Dobbie Foundry & Machine Co., Main Office & Works: Niagara Falls, N. Y.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
Mundy J. S. Hoisting Engine Co., 722 Frelinghuysen av. Newark, N. J. *See adv index at end of book*
Nashville Bridge Co., Nashville, Tenn.
National Iron Co., Duluth, Minn.
Smith, Theo. & Sons Co., ft Essex, Jersey City, N. J.
South St. Louis Foundry Co., 7514 S B'way, St. Louis, Mo.
Stroudsburg Engine Works, Stroudsburg, Pa.
Vulcan Iron Works, 327 N Irving av, Chicago, Ill.

3708— Derricks (Pipe)

Mueller H. Mfg. Co. (Improved Derrick & Pipe Tongs for Water Mains), Decatur, Ill.
Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill. *See adv index at end of book*
Taylor Portable Steel Derrick Co. (For Unloading Gondola Cars), 215 W. Grand av, Chicago, Ill.

3709— Derricks (Portable)

BYERS JNO. F. MACHINE CO., 242 S Sycamore, Ravenna, O. *See adv index at end of book*
CLYDE IRON WORKS, Duluth, Minn. *See adv index at end of book*
Exeter Machine Works, Pittston, Pa.
Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill. *See adv index at end of book*
Taylor Portable Steel Derrick Co. ("Taylor" Steel), 215 W Grand av, Chicago, Ill.
Terry & Tench Co., 70 E 45th, New York
Williams G. H. Co., Erie, Pa.

Derricks (Revolving)

See Derricks, Guy; also Derricks, Stiff-Leg

3710— Derricks (Steel)

See also Derricks, Misc.

American Bridge Co., 30 Church, New York
American Hoist & Derrick Co., St. Paul, Minn.
Bedford Foundry & Machine Co., Bedford, Ind.
Boss Pulling Machine Co. ("Handy"), Vanburen, Ind.
BUFFALO HOIST & DERRICK CO., 131 Erie, Buffalo, N. Y. *See adv index at end of book*
CLYDE IRON WORKS (Stiff Leg Bull Wheel, etc), Duluth, Minn. *See adv index at end of book*
Dobbie Foundry & Machine Co., Niagara Falls, N. Y.
HAYWARD CO., THE (Traveling & Stationary), 50 Church, New York *See adv index at end of book*

Insley Mfg. Co. (Contractors') 3500 E St. Clair, Indianapolis, Ind.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
Minneapolis Steel & Machinery Co. (Stiff Leg Operated by "Twin City" Electric, Gasoline or Steam Hoist), 29th & Drexel, Minneapolis, Minn.
Nashville Bridge Co., Nashville, Tenn.
National Equipment Co., 123 S Racine av, Chicago, Ill. *See adv index at end of book*
National Iron Co., Duluth, Minn.
NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Page Engineering Co. (Revolving Boom), 189 W Madison, Chicago, Ill.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill. *See adv index at end of book*
Taylor Portable Steel Derrick Co., 215 W Grand av, Chicago, Ill.
Terry Edw. F. Mfg. Co., Grand Central Term., New York
Terry & Tench Co., 70 E 45th, New York
Williams G. H. Co., Erie, Pa.
Yorke Derrick Co. (For Well Drilling etc), Washington, Pa.

3711— Derricks (Stiff-Leg)

American Hoist & Derrick Co., St. Paul, Minn.
Bedford Foundry & Machine Co. (Steel), Bedford, Ind.
Boston-Oregon Mast Co., 131 Coleridge, East Boston, Mass.
Brunner & Lay (Portable, Steam or Horse Power), 570 W Polk, Chicago, Ill.
Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
CLYDE IRON WORKS (Steel, Bull Wheel, etc), Duluth, Minn.
See adv index at end of book
Dobbie Foundry & Machine Co., Niagara Falls, N. Y.
HAYWARD CO., THE, 50 Church, New York *See adv index at end of book*
Hoisting Machinery Co., 50 Church, New York *See adv index at end of book*
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
Minneapolis Steel & Machinery Co. (Steel or Timber Steel Boom Operated by "Twin-City," Electric, Gasoline or Steam Hoist), 29th & Drexel, Minneapolis, Minn.
Mitchell-Tappen Co. (Steel), 15 John, New York
Monighan Machine Co., 2032 Carroll av, Chicago, Ill.
Nashville Bridge Co., Nashville, Tenn.
National Equipment Co., 123 S Racine av, Chicago, Ill.
See adv index at end of book
National Iron Co., Duluth, Minn.
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Sasgen Derrick Co. ("Sasgen"), 3101 W Grand av, Chicago, Ill.
See adv index at end of book
South St. Louis Foundry Co., 7514 S Broadway, St. Louis, Mo.
Stroudsburg Engine Works, Stroudsburg, Pa.
Williams G. H. Co., Erie, Pa.

3712— Derricks (Sulky)

Channon Jas. H. Mfg. Co. (For Laying Pipe), 227 W Erie, Chicago, Ill.
Dobbie Foundry & Machine Co., Niagara Falls, N. Y.

3713— Derricks (Tower)

American Hoist & Derrick Co., St. Paul, Minn.
BUFFALO HOIST & DERRICK CO., 131 Erie, Buffalo, N. Y.
See adv index at end of book
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
Dobbie Foundry & Machine Co., Niagara Falls, N. Y.
National Equipment Co., 123 S Racine av, Chicago, Ill. *See adv index at end of book*
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill. *See adv index at end of book*

3714— Derricks (Traveling)

Allen Engine Co. (Electric & Steam), 5315 N 2nd, Phila., Pa.
American Hoist & Derrick Co., St. Paul, Minn.
BUFFALO HOIST & DERRICK CO., 131 Erie, Buffalo, N. Y.
See adv index at end of book
Byers Jno. F. Machine Co., 242 So. Sycamore, Ravenna, O.
See adv index at end of book
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
Dobbie Foundry & Machine Co. Main Office & Works: Niagara Falls, N. Y.
HAYWARD CO., THE (Steel), 50 Church, New York *See adv index at end of book*
Hoisting Machy. Co., 50 Church, New York *See adv index at end of book*
Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila, Pa.
See adv index at end of book
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Shannon J. Jacob & Co., 1744 Market, Phila., Pa.
South St. Louis Foundry Co., 7514 S Broadway, St. Louis, Mo.
Terry & Tench Co., 70 E 45th, New York
Williams G. H. Co., Erie, Pa.

3715— *Derricks (Tripod)

New Jersey Foundry & Machine Co. ("Delta"), 89 West, New York
Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill. *See adv index at end of book*

3715a—*Designers of Special Tools, Jigs, Fixtures & Dies

Baker Donald A., Vanderbilt av bldg, New York
Co-Operative Engng. Co., 50 Church, New York
Johns Engineerng Co., Power bldg, Superior Viaduct, Cleveland
See adv index at end of book
KNAPP ARTHUR ENGNG. CORP., 30 Church, New York
See adv index at end of book
MODERN TOOL, DIE & MACHINE CO., 216-220 N 4th, Columbus O.
See adv index at end of book

3716— *Desk Fittings

SCHIMPER WILLIAM & Co., 322-338 Ferry, Hoboken, N. J., & 33 Union sq W, New York

3717— Desk Mfrs.

Andrews A. H. Co., 115 S Wabash av, Chicago, Ill.
Atlanta Table Co. (Office & Typewriter Tables), Atlanta, Ga.
Bagby Furniture Co., Eastern av & Exchange, Baltimore, Md.
Bentley & Gerwig Furniture Co. (Roll Top & Flat), Parkersburg, W. Va.
Browne-Morse Co., Muskegon, Mich.
Canton Furniture Mfg. Co., Canton, O.
Capital City Furniture Co., 639 Jackson, St. Paul, Minn.
Central Mfg. Co., 454 Armour, Chicago, Ill.
Clemetsen Co. ("Clemco"), 2607 Flournoy, Chicago, Ill.
Cleveland Metalcraft Co. (Steel), Cleveland, O.
Columbia Lumber & Mfg. Co., Columbia, S. C.
Commercial Furniture Co., 2718 W Superior, Chicago, Ill.
Corry Fibre Furniture Co., Corry, Pa.
Cutler Desk Co. (Roll & Flat Top), Buffalo, N. Y.
Dearborn Desk Mfg. Co., Marion, Ind.
Derby Desk Co., Somerville, Mass.
Dietz J. F. & Co., 4851 Spring Grove av, Cincinnati, O.
Dornette J. & Bro. Co., 1250 Harrison av, Cincinnati, O.
Doten-Dunton Desk Co., 25 Arch, Boston, Mass.
Eckman Furniture Co., Jamestown, N. Y.
Englewood Desk Co., 58th & Lowe av, Chicago, Ill.
Evansville Desk Co., Evansville, Ind.
Fassler Jacob, Utica, N. Y.
Fire-Proof Furniture & Construction Co. (Steel), Miamisburg, O.
Forest City Furniture Co., Rockford, Ill.
Globe-Wernicke Co. (Sectional Card Index & Posting), 25 Carthage av, Cleveland, O.
Gunn Furniture Co., Grand Rapids, Mich.
Hale Co., 14 Stone, New York
Haney School Furniture Co., Grand Rapids, Mich.
Hart Mfg. (Typewriter), Findlay, O.
Herrmann H. Furniture Co. (Typwriter), 370 Broome, New York
Himmel M. L. & Son, 109 N Frederick av, Baltimore, Md.
Holman R. Co., Chelsea, Mass.
Honeoye Falls Furniture Co., Honeoye Falls, N. Y.
Horrocks Desk Co., Herkimer, N. Y.
Imperial Desk Co. (Typewriter), Evansville, Ind.
Inner Braced Furniture Co., Elkhart, Ind.
Jasper Desk Co., Jasper, Ind.
Kleeman W. & Co., 101 Park av, New York
Lauter H. Co., W Wabash & Harding, Indianapolis, Ind.
Leopold Desk Co., Burlington, Ia.
Marysville Cabinet Co. ("Queen" Typewriter), Marysville, O.
Michigan Desk Co., Grand Rapids, Mich.
Minneapolis Desk Mfg. Co., Minneapolis, Minn.
Minneapolis Office & School Furniture Co. (School), 801 S. E. 8th, Minneapolis, Minn.
Montgomery Table Works, Montgomery, Pa.
Myrtle Desk Co., High Point, N. C.
National Desk Co., Herkimer, N. Y.
Northwestern Furniture Co., 271 W Water, Milwaukee, Wis.
Novelty Wood Works Co., Union City, Pa.
Olsen O. C. S. Co., 2511 Moffat, Chicago, Ill.
Orpin Bros., Charlestown, Boston, Mass.
Peter & Volz Co., Arlington Heights, Ill.
Petersen A. Desk Co., 426 Armour, Chicago, Ill.
Quigley Furniture Co., The (Typewriter), Whitesboro, N. Y.
Quincy Show Case Works, Quincy, Ill.
Roehr Co., Bucyrus
Sargent Mfg. Co. [illegible]se & Ladies), Muskegon, Mich.
Schwarzwaelder W., & Co., Chichester, N. Y.
Shelbyville Desk Co., Shelbyville, Ind.
Standard Furniture Co., Herkimer, N. Y.
Sterling Desk Co., Grand Rapids, Mich.
Tell City Desk Co., Tell City, Ind.
Toledo Desk & Fixture Co., Toledo, O.
Trio Mfg. Co. (Steel), Cleveland, O.
Udell Works (Ladies), Indianapolis, Ind.
Union Furniture & Novelty Co., Warren, Pa.
Valley City Desk Co., Grand Rapids, Mich.
Wagemaker Co., Grand Rapids, Mich.
Weis Mfg. Co., Monroe, Mich.
Western Furniture Co., Blair av & Palm, St. Louis, Mo.
Winnebago Furniture Mfg. Co. (Typewriter), Fond du Lac, Wis.
Winneberger Geo. & Son, 252 S 3d, Phila., Pa.
Winter Co., Sheboygan, Wis.
Witte J. C. Mfg. Co., 30 E Henn av, Minneapolis, Minn.
Yawman & Erb Mfg. Co., Rochester, N. Y.

3718— Desk Slides

STANLEY WORKS (Wrought Steel), New Briton, Conn.
See adv index at end of book

3719—Desk Swinging Attachments

Globe-Wernicke Co., 25 Carthage av, Cincinnati, O.
Meilink Mfg. Co., Toledo, O.
Shelbyville Desk Co., Shelbyville, Ind.
Weis Mfg. Co., Monroe, Mich.

3719a—Desks (Factory & Shipping Room, Steel)

Lyon Metallic Mfg. Co., Aurora, Ill.

Desks (School)

See Furniture, School

3720— Desks (Steel)

See also Bank & Office Fixtures, Metallic
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Edwards O. M. Co., Syracuse, N. Y.
General Fireproofing Co. ("A. F. All-steel"), Youngstown, O.
Lyon Metallic Mfg. Co. ("Lyon" for Factories), Aurora, Ill.
Metal Office Furniture Co., Grand Rapids, Mich.
Steel Furniture Co., Grand Rapids, Mich.
Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.
Watson Mfg. Co., Jamestown, N. Y.

3721—*Destructors for Municipal Plants

GRISCOM-RUSSELL CO. ("Sterling"), 92 West, New York
See adv index at end of book
ODORLESS CONSTRUCTION CO., 103 Park av (Tel Van 4020), New York

3721a— Detectagraph

MICROPHO-DETECTOR CO., INC. ("Microphо" for Detecting Secret Conversations), 26 Cortlandt, New York

Detectors (Fire)

See Alarms, Fire

3722— Detectors (Ground)

GENERAL ELECTRIC CO. (Electrostatic), Schenectady, N. Y.
See adv index at end of book
Brown Instrument Co., Wayne av & Windrim, Phila., Pa.
Steel Glass Co., 622 Locust, Phila., Pa.

3722a— Detectors (Marine Ice)

McNab Co. ("Frigidometers"), Bridgeport, Conn. *See adv index at end of book*

3723—Detectors (Water Waste)

Builders Iron Fo[illegible] ("Venturi"), 9 Codding, Provi[illegible] 3, R. I.
Pitometer Co., 25 [illegible] & New York

3724—Determinators (Gas Dust)

Sargent Steam Meter Co., 1902 N California, Chicago, Ill.

3725— Detinning Plants

Metal & Thermit Corp., 120 Bway, New York; Works: East Chicago, Ind.; Wyandotte, Mich.; and Chrome, N. J.
See adv index at end of book
National Tin Co., 21 Park Row, New York
Vulcan Detinning Co., Sewaren, N. J.

3726-7—Detonators (Electric)

AETNA EXPLOSIVE CO., Inc., 120 B'way, New York

*Detonators (Time and Electric)

See Blasting Supplies

3728— Devices (Tying)

Tie Co. ("Holdfast" for Clothes Lines, Corn Binders, Shock Compressors, etc), Unadilla, N. Y.

3729— Devulcanizers

See also Vulcanizers, Rubber
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Clark Edred W., Hartford, Conn.
Farrel Foundry & Machine Co. (Roller), Ansonia, Conn.
THROPP'S JOHN E. SONS CO., ft of Lewis, Trenton, N. J.
See adv index at end of book
Thropp Wm. R. & Sons Co., Trenton, N. J.

3730— Dextrine

Arabol Mfg. Co. (Jobbers), 100 William, New York
Behrend F. (Imp), 54 Front, New York
Bloede Victor G. Co., Caton av, Baltimore, Md.
Boley C. H. Co. ("Aamcolose"), 3722 N Randolph, Phila., Pa.
Corn Products Refining Co. (Globe), 17 Battery pl, New York
Crystal Springs Paste Co., 70 Kilby, Boston, Mass.
Glover Horatio N. & Son, Mattapan, Boston, Mass.
Harshaw, Fuller & Goodwin Co., Cleveland, New York, & Philadelphia.
Innes, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*
Klipstein A. & Co., 644 Greenwich, New York
Leyland Thos. & Co., Readville, Boston, Mass.
National Gum & Mica Co. (Domestic or Imported), 59th & 11th av, New York
Nicol J, M, & J. S., Hawthorne, N. J.
Scheel Wm. H. (Imp), 159 Maiden la, New York
Stein Hall & Co., 111 W Wash, Chicago, Ill.
Tanner Chas. S. Co., 250 So Water, Providence, R. I.
Wiarda John C. & Co. (Jobbers), 273 Greene, Brooklyn, N. Y.
Wolf Jacques & Co. (Selling Agents), Passaic, N. J.

3731—Dials (Clock, Gauge, Scale, Meter, Etc.)

Arlington Works, The, (E. I. du Pont de Nemours & Co.), (Clock), 21 E 40th, New York
Auburn Button Wks. (Celluloid Number Wheels), Auburn, N. Y.
Cooper Oven Thermometer Co. (Clock Thermometer, Meter, etc), Pequabuck, Conn.
Electro Chemical Engraving Co. (Etched Metal), 450 19th, Brooklyn, N. Y.
Haeusermann Metal Mfg. Co., 3114 3d av, New York
Manhattan Dial Mfg. Co., 40 Lexington av, Brooklyn, N. Y.
Newark Brass Plate Engraving Co. (Etched Metal), 52 Lawrence, Newark, N. J.
O'Hara-Waltham Dial Co., Waltham, Mass.
Premier Metal Etching Co., 14th, Long Island City, N. Y.

Diamonds for Industrial Purposes

See Carbon, Black Diamonds & Bortz

3732— Diamonds (Glaziers')

Crafts Arthur A., 125 Summer, Boston, mass.
Dickinson Thos. L., 64 Nassau, N. Y.

3733— Diaphragms (Car)

See also Diaphragms, Rubber, etc.
Acme Supply Co. ("Acme"), 28 E Jackson blvd, Chicago, Ill.
Adreon Mfg. Co., Security bldg., St. Louis, Mo.
Mulconroy Co., 54th & Jefferson, Phila., Pa.

Diaphragms (Carbon)

See Carbon Mfrs.

3734— Diaphragms (Copper)

American District Steam Co., No. Tonawanda, N. Y.
U. S. Indestructible Gasket Co. (Also Metallic), Church & Fulton, New York
See adv index at end of book

Diaphragms (Pump)

See Diaphragms, Rubber

3735— Diaphragms (Rubber)

Acme Rubber Mfg. Co., Trenton, N. J.
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Continental Rubber Works, Erie, Pa.
Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.
Empire Tire & Rubber Corp. ("Edison" & High & Low Pressure), East Trenton, N. J.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co. ("Damper," "Dumps," "Eames" Vacuum Brake), 126 Duane, New York
Hamilton Rubber Mfg. Co., Trenton, N. J.
Home Rubber Co., Trenton, N. J.
Mechanical Rubber Co. (High & Low Pressure, etc), Cleveland, O.
Mercer Rubber Co., Hamilton sq, N. J.
New York Belting & Packing Co., 91 Chambers, New York
New York Rubber Co., Reade & Church, New York
Peerless Rubber Mfg. Co., 31 Warren, New York
Pennsylvania Rubber Co., Jeannette, Pa.
Quaker City Rubber Co., 629 Market, Phila., Pa.
Schacht Rubber Mfg. Co., Huntington, Ind.
Thermoid Rubber Co., Trenton, N. J.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

3735a—Diaphragms (Screen, Paper Makers')

Boston Belting Corp., 84 Linden Park, Boston, Mass.

3736— Dibbles

Bateman Mfg. Co., Grenloch, N. J.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Johnson Wm. (Hedenberg Works), (Wood Handle & All Iron), Newark, N. J.

3737— Dice

Celluloid Co., 36 Washington pl, New York
Dennison Mfg. Co., 26 Franklin, Boston, Mass.
Kyoto Mfg. & Trading Co., 31 E 17th, New York

3737a—*Dice (Spot, Poker & Blank)

THE ARLINGTON WORKS (E. I. du Pont de Nemours & Co.), 21 E. 40th, New York

3738— Dichlormethane

Dow Chemical Co., Midland, Mich.

3739— Diclorethylene

3740— Dictographs

Dictograph Co., 220 W 42d, New York

Die Blocks, see Blocks, Die

Die Blocks

See Blocks, Die

Die Blocks (Steel)

See Blocks, Die

3741-2—Die Blocks (Vanadium Steel)

Bethlehem Steel Co. (Crucible & Open Hearth), S Bethlehem, Pa.
Carpenter Steel Co. (Crucible & Open Hearth), Reading, Pa.
Crucible Steel Co. of America (Crucible & Open Hearth), Oliver bldg, Pittsburgh, Pa.
Cyclops Steel Co. (Crucible), 120 B'way, New York
The Hammond Steel Co., Inc. (Crucible & Open Hearth), Solway, N. Y.
Johnston & Jennings Co., Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
Titusville Forge Co. ("Tico"), Titusville, Pa.
Vanadium Alloys Steel Co. (Crucible), Latrobe, Pa.

Die Castings

See Castings, Die Cast

3743— *Die Pressed Metal

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

3744— Die Sinkers

BLISS E. W. CO. (For Sheet Metal Work), 19 Adams, Brooklyn, N. Y.
See adv index at end of book
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Ellwood City Forge Co., Ellwood City, Pa.
Frank Aug. C., 732 Sansom, Phila., Pa.
Hart H. C. Mfg. Co., Unionville, Conn.

Hay-Budden Mfg. Co., 254 N Henry, Brooklyn, N. Y.
Jefferson Christ. D., 25 N 7th, Phila., Pa.
Johnson D. E. Co., 140 William, New York
Kautz Fred C. & Co., 2633 W Lake, Chicago, Ill.
Keller Pneumatic Tool Co., Fond du Lac, Wis.
Kersting J. H., 75 Fulton, New York
Konigslow E. Stamping & Tool Works, Cleveland, O.
Leffler Chas. & Co., 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*
Mayer Geo. J. & Co., 36 S Meridian, Indianapolis, Ind.
Moise-Klinkner Co., 369 Market, San Francisco, Cal.
Mooney & Bueter, 507 W Jackson blvd, Chicago, Ill.
Ness Geo. M. Jr., 61 Fulton, New York
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Northwestern Stamp Works, 110 E 3d, St. Paul, Minn.
Perkins Machine Co., Warren, Mass.
Pietz Adam, 1011 Chestnut, Phila., Pa.
Richard Mfg. Co., Bloomsburg, Pa.
Schwerdtle Stamp Co., 43 Cannon, Bridgeport, Conn.
See adv index at end of book
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.
Wagenfohr Chas. Sr., 140 W B'way, New York
Walter N. C. & Sons, 3 Park row, New York
Willemin Mfg. Co. Inc., 181 Eddy, Providence, R. I.

3745— Die Stocks

See Stocks & Dies; also Pipe Cutting & Threading Machines

3745a— *Die Stock (Shoe)

COES, LORING & CO., INC. (For Leather & Paper Cutting Dies), Coes sq., Worcester, Mass.
See adv index at end of book

3746— *Dies (Adjustable)

See also Dies, Adjustable Expanding

GREENFIELD TAP & DIE CORP. ("Little Giant," "Lightning," "Green River," "O. K." & "G. T. D." Round), Greenfield, Mass.
See adv index at end of book

3747—Dies (Adjustable Expanding)

AMERICAN TAP & DIE CO. ("Adamantine" & "Eagle Brand," Solid "Acme" twopiece), **Greenfield, Mass.**
See adv index at end of book
Bignall & Keeler Machine Works (For Use in "B & K" Machines Only), Edwardsville, Ill.
BORDEN CO., THE, Warren, O.
See adv index at end of book
Card S. W. Mfg. Co. (Round), Mansfield, Mass.
Carpenter J. M. Tap & Die Co., Pawtucket, R. I.
Crescent Tool Mfg. Co., 1002 Cass av, St. Louis, Mo.
Gardam Wm. & Son, 114 Park pl, New York
GREENFIELD TAP & DIE CORP. ("Little Giant" for Hand or Machine Use, "Lightning," "Green River," "O. K." & "G. T. D." Round), Greenfield, Mass.
See adv index at end of book
Inland Machine Works, 800 Mound, St. Louis, Mo.
Leffler Chas. & Co., 59 Clymer, B'klyn, N. Y.
See adv index at end of book
Modern Tool Co. (Self-Opening), 300 State, Erie, Pa. *See adv index at end of book*
Morse Twist Drill & Machine Co., New Bedford, Mass.
Perkins Machine Co., Warren, Mass.
Pratt & Whitney Co., Hartford, Conn.
Saunders D. Sons, Yonkers, N. Y.
Standard Machinery Co., Providence, R. I.
Superior Tap Co., Charlestown, N. H.
Toledo Pipe Threading Machine Co., 1440 Summit, Toledo, O.
Winter Bros. Co. (Round), Wrentham, Mass.

3748—*Dies (Armature-Disk Cutting)

BLISS E. W. CO., 19 Adams, B'klyn, N. Y.
See adv index at end of book
Franklin Die & Tool Co., Columbus, O.
See adv index at end of book
Modern Tool, Die & Machine Co., 216-220 N Fourth, Columbus, O.
See adv index at end of book

3749— Dies (Automatic)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Columbia Metal Stamping Co., Cleveland, Ohio
Gardam Wm. & Son, 114 Park pl, New York
Geometric Tool Co. ("Geometric" Self-Opening & Adjustable), New Haven, Conn.
Hartford Machine Screw Co., Hartford, Conn.
Ideal Tool & Mfg. Co., Beaver Falls, Pa.
Jones & Lamson Machine Co. ("Hartness"), Springfield, Vt.
Landis Machine Co., Waynesboro, Pa.
Leffler Chas. & Co., 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*
Meyer W. F. Diamond Saw Co., Bedford, Ind.
Milwaukee Metal Working Co., 383 Clinton, Milwaukee, Wis.
Modern Tool Co., 300 State, Erie, Pa.
See adv index at end of book
Nelson Tool Co., Inc., 782 E 142d, New York *See adv index at end of book*
Perkins Machine Co., Warren, Mass.
Scott & Sons Co. (Expanding), Medford, Mass.
Standard Machinery Co., Providence, R. I.
Swaine F. J. Mfg. Co., 7th & O'Fallon, St. Louis, Mo.
V. & O. Press Co., Dry Hrbr rd, Glendale Station, N. Y.

3750— *Dies (Automobile)

Acklin Stamping Co., 1659 Dorr, Toledo, O.
See adv index at end of book
FRANKLIN DIE & TOOL CO., Columbus, O. *See adv index at end of book*

"Magic" Chuck Equipment

Chuck and collects for use in Drill Presses, Lathes, Screw Machines and other revolving spindle machines.

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"Modern" Self-Opening and Adjustable Die Head

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COLUMBUS, OHIO

DIES (AUTOMOBILE)—continued

GREENFIELD TAP & DIE CORP. ("Little Giant," "Lightning," "Green River," "O. K." & "G. T. D." Standard Threads), Greenfield, Mass.
See adv index at end of book

McDowell Mfg. Co., Home Trust bldg, Pittsburgh, Pa.

MODERN TOOL, DIE & MACHINE CO., 216-220 N Fourth, Columbus, O.
See adv index at end of book

3750a— *Dies (Bending)

Franklin Die & Tool Co. (The) Columbus, O. *See adv index at end of book*

Modern Tool, Die & Machine Co., 216-220 N Fourth, Columbus, O.
See adv index at end of book

Nelson Tool Co., Inc., 782 E. 142d, New York. *See adv index at end of book*

3751— Dies (Bell)

See also Dies, Punching

Cyclops Foundry Co., Union Bank bldg, Pittsburgh, Pa.

Pittsburgh Iron & Steel Foundries Co., Midland, Pa.

3751a— *Dies (Bit Brace)

GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book

3752— Dies (Blacksmiths')

Champion Blower & Forge Co., Lancaster, Pa.

3753— *Dies (Blanking)

See also Dies, Punching

AINSLIE MACHINE & TOOL WORKS, 35 Jefferson av, Hartford, Conn.
See adv index at end of book

BLISS E. W. CO. (For Sheet Metal), 19 Adams, Brooklyn, N. Y.
See adv index at end of book

Dies, Jigs, Gauges, Fixtures, and Special Machines

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This is made easy by having your tools made the "Modern Way." This insures you that they are well made throughout, accurate, within limits specified and at prices that will convince you that it does not pay to tie up your own equipment at a loss of time and money by making your own tools. We can convince you by a trial order.

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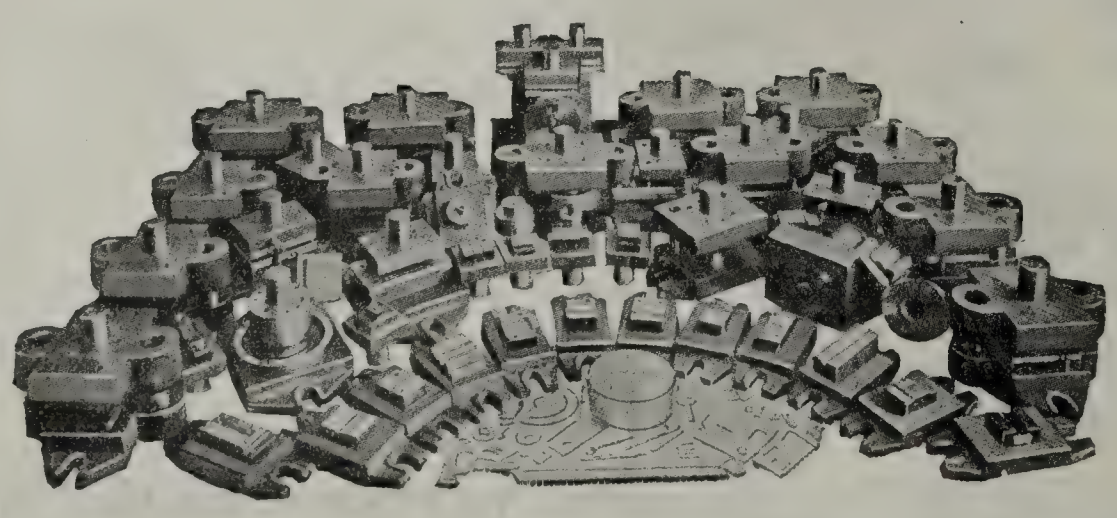
COLUMBUS, OHIO

Franklin Die & Tool Co., Columbus, O.
See adv index at end of book

GASKET SUPPLY CO. (For all kinds of Sheet Metal Work), 1927 Ludlow, Phila., Pa. *See adv index at end of book*

General Machine & Mfg. Co., Bridgeport, Conn.

KNAPP ARTHUR ENGINEERING CORP., 30 Church, New York
See adv index at end of book



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Mehl Mach. Tool & Die Co., Roselle, N. J.
Modern Tool, Die & Machine Co., 216-220 N Fourth, Columbus, O.
See adv index at end of book
Nelson Tool Co., Inc., 782 E 142d, New York *See adv index at end of book*
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book

3754— Dies (Bolt Cutter)

Pratt & Whitney Co. ("Grant"), Hartford, Conn.

3755—Dies (Bolt Threading, Solid, Etc.)

AMERICAN TAP & DIE CO. ("Eagle Brand," Solid Square), Greenfield, Mass. *See adv index at end of book*
ARMSTRONG MFG. CO. ("Armstrong," Adjustable Bolt Threading), 278 Knowlton, Bridgeport, Conn.
See adv index at end of book
Bay State Tap & Die Co. ("Bay State" Machine or Solid Bolt), Mansfield, Mass.
Bignall & Keeler Machine Works (For Use in "B & K" Machines Only), Edwardsville, Ill.
Brown H. B. Co., East Hampton, Conn.
Brubaker W. L. & Bros. (Solid), Millersburg, Pa.
Card S. W. Mfg. Co. (Machine or Solid), Mansfield, Mass.
Carpenter J. M. Tap & Die Co. (Solid Boynton & Plummer), Pawtucket, R. I.
GREENFIELD TAP & DIE CORP'N ("Little Giant," "Lightning," "Green River," "O., K." "G. T. D." Round, Solid, Square & Hexagon), Greenfield, Mass. *See adv index at end of book*
Landis Machine Co., Waynesboro, Pa.
Milwaukee Metal Working Co., 383 Clinton, Milwaukee, Wis.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Polk A. J. & Son, Millersburg, Pa.
Reed Mfg. Co., Erie, Pa.
Standard Tool Co., 6900 Central av, Cleveland, O.
Superior Tap Co., Charleston, N. H.
Webster & Perks Tool Co., Springfield, O.
Winter Bros. Co. ("Thistle"), Wrentham, Mass.

3756— Dies (Box Printing)

American Name Plate Co., 352 Atlantic av, Boston, Mass.
Becker August Engraving Co., 247 Atlantic av, Boston, Mass.
BORGSTROM G. J., 118 S Clinton, Chicago, Ill.
Dickey-Grabler Wks., 118 Noble ct, Cleveland, O.
Fries Anthony J., 717 Sycamore, Cincinnati, Ohio
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Koehler Henry L. Mfg. Co., Louisville, Ky.
Matthews James H. & Co. (Brass & Rubber), 3942 Forbes, Pittsburgh, Pa.
Mayer Geo. J. & Co., 36 S Meridian, Indianapolis, Ind.
Moise-Klinkner Co., 369 Market, San Francisco, Cal.
Mooney & Bueter, 507 W Jackson blvd, Chicago, Ill.
Murdock W. Jas. Co., 116 Opera pl, Cincinnati, O.
Northwestern Stamp Works, 110 E 3rd, St. Paul, Minn.
Schridde Wm., 358 W Madison, Chicago, Ill.
Schwerdtle Stamp Co., 43 Cannon, Bridgeport, Conn. *See adv index at end of book*
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.

3757—Dies (Brick & Clay Workers')

American Clay Machinery Co., S. Walnut, Bucyrus, O.
CROSSLEY MACHINE CO., State & Chestnut av, Trenton, N. J.
See adv index at end of book
Fernholtz Brick Machinery Co., Boyle & Vandeventer av, St. Louis, Mo.
Louisville Machine Co., Louisville, O.
Mueller Machine Co., Trenton, N. J.
Sharp Mfg. & Supply Co., New Phila, O.
Steele J. C. & Sons, Statesville, N. C.
Stevenson Co., Wellsville, O.

3758— Dies (Button)

Defiance Button Machine Co., 43 W 24th, New York
Beosch Mfg. Co., Little bldg, Boston, Mass.
Markels Leonard, 165 William, New York
Nelson Tool Co., Inc., 782 E 142d, New York. *See adv index at end of book*

3759— Dies (Can Makers')

Adriance Machy. Works, 80 Richards, Brooklyn, N. Y.
Ams Max Machine Co. ("Ams"), Bridgeport, Conn.
Ayars Machine Co., Salem, N. J.
BLISS E. W. CO. (For Sheet Metal), 19 Adams, Brooklyn, N. Y.
See adv index at end of book
Kirkman Die & Tool Works, Denver, Colo.
Konigslow Otto Mfg. Co., 3506 Perkins av, Cleveland, O.
Lees John, Indianapolis, Ind.
Leffler Chas. & Co., 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*
McCall Machine Works, Rochester, N. Y.
Matthews James H. & Co. (Semi-Automatic), 3942 Forbes, Pittsburgh, Pa.
Nelson Tool Co., Inc., 782 E 142d, New York. *See adv index at end of book*
Ranz Stamping Tool Co., 1509 N Broadway, St. Louis, Mo.
Seattle-Astoria Iron Works, Seattle, Wash.
Stecher Chas. Co., 1580 Crossing, Chicago, Ill.
Swaine F. J. Mfg. Co., 7th & O'Fallon, St. Louis, Mo.
Wold, Torris & Co., 240 N Ashland av, Chicago, Ill.

3760—Dies (Chilled Hammer)

American Brake Shoe & Foundry Co. (Steel), 30 Church, New York
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Marchant Geo. F. Co., 1420 S Rockwell, Chicago, Ill.
Philadelphia Roll & Machine Co. (Cast Iron), 25th & Washington av, Philadelphia, Pa.
Youngstown Foundry & Machine Co., Youngstown, O.

3760a—*Dies (Chilled Iron)

Philadelphia Roll & Machine Co., 25th & Washington av, Philadelphia, Pa.

3761—Dies (Compression Rivet)

Marchant Geo. F. Co., 1420 S Rockwell, Chicago, Ill.

3762— Dies (Corrugated)

Independent Die Co., Brockton, Mass.

3763— Dies (Cutting)

Adams John J. (For Leather, Cloth, Rubber, Paper, etc), Worcester, Mass.
Adriance Machine Works, 80 Richards, Brooklyn, N. Y.
AINSLIE MACHINE & TOOL WORKS, 35 Jefferson av, Hartford, Conn.
See adv index at end of book
American Machine Works, Omaha, Neb.
Atcheson & Barok Die Tool Co., 43 W Long, Columbus, O.
Baird Machine Co., Bridgeport, Conn.
Barrett Bros., 43 Haverhill, Boston, Mass.
Baxendale, Whittlesey & Cummings, Rochester, N. Y.
Beaudry T. J. & Son, Marlboro, Mass.
Bender Ph. J. & Sons, 87 Frankfort, New York
Bettcher Mfg. Co., 6120 Clark av S W, Cleveland, O.
BLISS E. W. CO. (For Sheet Metal), 19 Adams, Brooklyn, N. Y.
See adv index at end of book
Brockton Die Co., Brockton, Mass.
Butterfield & Co., Derby Line, Vt.
Callaghan Machine & Die Co., Canton, O.
Carpenter L. A., Press Metal Co. Cambridge, Mass.
Central Tool & Die Co., Dayton, O.
City Machine & Tool Wks., Dayton, O.
Columbia Metal Stamping Co., Cleveland, Ohio
Cook H. C. Co., 100-120 Jewett, Ansonia, Conn.
Crescent Novelty Mfg. Co., 703 S B'way, St. Louis, Mo.
Crown Die & Tool Co., 553 W Monroe, Chicago, Ill.
Dayton Machine Products Co., Dayton, O.
Dayton Reliance Tool & Mfg. Co., Dayton, Ohio
Detroit Metal Spinning Co., 197 Monroe av, Detroit, Mich.
Dewes John-Gumbs Die Co. (For Paper, Envelopes, Shirts, Pocketbooks, Fabrics, etc), 403 Broome, New York
Ferracute Machine Co. (Sheet Metal), Bridgeton, N. J.
Franklin Die & Tool Co., Columbus, O.
See adv index at end of book
GASKET SUPPLY CO. (For Leather, Cloth, Rubber, Paper, etc), 1927 Ludlow, Phila., Pa.
See adv index at end of book
Penn City Machine Co., Dayton, O.
GEM MFG. CO. (For Flat & Drawn Work in Steel & Brass), Goebel near Fulton N S, Pittsburgh, Pa.
See adv index at end of book

DIES (CUTTING)
GEM GUARANTEE GOOD
For Flat and Drawn Work in Steel and Brass.
GEM MFG. CO., Pittsburgh, Pa.

Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Griswold George M. Machine Co., New Haven, Conn.
Harry Bros. Mfg. Co., 282 Woodbridge, E Detroit, Mich.
Hibbard W. H. Mfg. Co., 79 Washington, Brooklyn, N. Y.
Beach Mfg. Co., Little Bldg., Boston, Mass.
Hoggson & Pettis Mfg. Co. (Paper, Cloth & Rubber), New Haven, Conn.
Independent Die Co. (For Leather, Cloth, Paper, Rubber, etc), Brockton, Mass.
Indianapolis Tool & Mfg. Co., Indianapolis, Ind.
Inland Machine Works, 800 Mound, St. Louis, Mo.
Johns Engineering Co., Power bldg, Superior Viaduct, Cleveland, O.
See adv index at end of book
John's Stamping & Machine Works Co., Cleveland, O.
Kerkman Die & Tool Works, Denver, Colo.
Knox J. E. & Co., Lynn, Mass.
Konigslow Otto Mfg. Co., 3506 Perkins av, Cleveland, O.
Krasberg Mfg. Co., 420 Orleans, Chicago, Ill.
Lees John, Indianapolis, Ind.
Loyd Jno. Co., 124 Baxter, New York
Long Adam A., Rochester, N. Y.
Loshbough-Jordan Tool & Machine Co., Elkhart, Ind.
Loy & Nawrath Co., 25 Runyon, Newark, N. J.
McCulloch A. P. Machine Co., 216 High, Boston, Mass.
See adv index at end of book
Mayer Geo. J. & Co., 36 S Meridian, Indianapolis, Ind.
Mehl Machine Tool & Die Co. (Paper, Cloths & Rubber), Roselle, N. J.
Michigan Pressed Steel Co., 229 Artillery, Detroit, Mich.
Mitchell Jno. R. Co., 702 S Washington, Baltimore, Md.
Modern Tool, Die & Machine Co., 216-220 N Fourth, Columbus, O.
See adv index at end of book
Moore Eastwood Co., 116 E 4th, Dayton, O.
National-Acme Mfg. Co. ("Namco"), 7500 Stanton av S E, Cleveland, O.

DIES (CUTTING)—continued
Nelson Blower Furnace Co., L. & Elkins, Boston, Mass.
NELSON TOOL CO., INC., 782 E 142nd, New York. *See adv index at end of book*
Nestor Mfg. Co., 40 W 13th, New York
New York Die-White-Schroeder Co., 245 Center, New York
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book
Nye Tool & Machine Works, 108 N Jefferson, Chicago, Ill.
Osborne C. S. & Co. (For Cloth, Leather & Paper), Harrison, N. J.
Parkesburg Stamping & Mfg. Co., Parkesburg, Pa.
Peck, Stow & Wilcox Co., Southington, Conn.
Perkins Machine Co., Warren, Mass.
Phila. Cons. Die Co., 327 Race, Phila, Pa.
Pratt & Whitney Co., Hartford, Conn.
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill.
See adv index at end of book
Randall J. D. Co. (Leather Cutting), 610 W Court, Cincinnati, O.
Ranz Stamping Tool Co., 1509 N Broadway, St. Louis, Mo.
Richard Mfg. Co., Bloomsburg, Pa.
Rochester Cutting Die Co., Rochester, N. Y.
Rock River Machine Co., Janesville, Wis.
Ross-Moyer Mfg. Co., Cincinnati, O.
S-P Manufacturing Co., 872 E 72nd, Cleveland, O.
Schatz Mfg. Co., Poughkeepsie, N. Y.
Schlueter A. & Co., 297 Washington, Newark, N. J.
Seekamp H. D. Machine Co., St. Louis, Mo.
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
Standard Machinery Co., Providence, R. I.
Standard Tool Co., 6900 Central av, Cleveland, O.
Steel Products Engineering Co., Springfield, O.
Stoll D. H. Co., Buffalo, N. Y,.
Stortz John & Son, 210 Vine, Phila., Pa.
Superior Die Tool & Machine Co., Columbus, O.
Superior Tap Co., Charlestown, N. H.
Swaine F. J. Mfg. Co., 7th & O'Fallon, St. Louis, Mo.
Toledo Machine & Tool Co., Toledo, O.
Universal Machine & Tool Co., Canton, O.
U. S. Tool Co., 3160 W 106th, Cleveland, O.
Van Pelt Geo. H. (for Leather), 440 W Huron, Chicago, Ill.
Verdin Kappes & Verdin Co., Cincinnati, Ohio
V. & O. Press Co., Dry Hrbr. rd, Glendale Station, N. Y.
Western Mach. Products Co., E 73rd & St. Clair, Cleveland, O.
Wilcox W. W. Co., 1735 Armitage av, Chicago, Ill.
Willemin Mfg. Co. Inc., 181 Eddy, Providence, R. I.
Wisconsin Metal Products Co., Racine, Wis.
Wootten & Peckworth, 1122 Hamilton, Phila., Pa.

3764— Dies (Diamond)

See Dies Wire Drawing

3765— Dies (Drawing)

Acme Mfg. Co., 355 Howard, Detroit, Mich.
Bauroth E. F., Toledo, O.
Bettcher Mfg. Co., 6120, Clark av, S. W, Cleveland, O.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Columbia Metal Stamping Co., Cleveland, Ohio
Columbus Die, Tool & Machine Co. (For Lamp Work, etc), 955 Cleveland av, Columbus, O.
Franklin Die & Tool Co., Columbus, O.
See adv index at end of book
Freeman F. W., Co., 160 Portland, Boston, Mass.
Krasberg Mfg. Co., 420 Orleans, Chicago, Ill.
Lansing Stamping & Tool Co., Lansing, Mich.
Lees John, Indianapolis, Ind.
Lindell Die & Tool Co., Lansing, Mich.
Long Adam A., Rochester, N. Y.
McDowell Mfg. Co., Home Trust bldg, Pittsburgh, Pa.
Modern Tool, Die & Machine Co., 216-220 N Fourth, Columbus, O.
See adv index at end of book
Nelson Blower & Furnace Co., L & Elkins, Boston, Mass.
NELSON TOOL CO., INC., 782 E 142nd, New York. *See adv index at end of book*
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
Stein Wm. P. & Co., Rochester, N. Y.
Thatcher-Rueter Mfg. Co., Cleveland, O.
Wade Machine Co., 817 Albany, Boston, Mass.

3766—Dies (Drawing, Triple Action)

BLISS E. W. CO., 19 Adams, B'klyn, N. Y.
See adv index at end of book
Willemin Mfg. Co. Inc., 181 Eddy, Providence, R. I.

3767— Dies (Drop Forging)

Champion Machine & Forging Co, 3690 E 78th, Cleveland, O.
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Hartford Drop Forge Co., Hartford, Conn.
Hoeft & Co., 1600 W Kinzie, Chicago, Ill.
Hollander & Johnson, Worcester, Mass.
Keller Mechanical Engraving Co., 70 Washington, Brooklyn, N. Y.
KNAPP ARTHUR, ENGINEERING CORP., 30 Church,, New York
See adv index at end of book
Lindell Die & Tool Co., Lansing, Mich.

3768—Dies (Electro-Plating)

Parkesburg Stamping & Mfg. Co., Parkesburg, Pa.

3769— Dies (Embossing)

American Name Plate Co., 352 Atlantic av, Boston, Mass.
Becker August Engraving Co., 247 Atlantic av, Boston, Mass.
Columbia Metal Stamping Co., Cleveland, Ohio
Dickey-Grabler Wks., 118 Noble ct, Cleveland, O.
GASKET SUPPLY CO., 1927 Ludlow, Philadelphia, Pa.
See adv index at end of book
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Hibbard W. H. Mfg. Co., 79 Wash, Brooklyn, N. Y.
Kersting J. H., 75 Fulton, New York
Kirkman Die & Tool Works, Denver, Colo.
KNAPP ARTHUR, ENGINEERING CORP., 30 Church, New York
See adv index at end of book
Konigslow Otto Mfg. Co., 3506 Perkins av, Cleveland, O.
Krasberg Mfg. Co., 420 Orleans, Chicago, Ill.
Leffler Chas & Co., 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*
Matthews James H. & Co., 3942 Forbes, Pittsburgh, Pa.
Mayer Geo. J. & Co., 36 S Meridian, Indianapolis, Ind.
Moise-Klinkner Co., 369 Market, San Francisco, Cal.
Nelson Tool Co., Inc., 782 E 142d, New York. *See adv index at end of book*
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book
Northwestern Stamp Works, 110 E 3d, St. Paul, Minn.
Parkesburg Stamping & Mfg. Co., Parkesburg, Pa.
Ringler F. A. Co. (Leather), 207 W 25th, New York
Schoder & Lombard Stamps & Dies Co., 202 Centre, New York
Schwerdtle Stamp Co., 43 Cannon, Bridgeport, Conn.
See adv index at end of book
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.
Standard Machinery Co., Providence, R. I.
Stein Wm. P. & Co., Rochester, N. Y.
Superior Die Tool & Machine Co., Columbus, O.
Swaine F. J Mfg. Co., 7th & O'Fallon, St. Louis, Mo.
Taylor-Shantz Co., Rochester, N. Y.

3770—Dies for Crushing Machinery

Standard Steel Works Co., Morris bldg, Phila., Pa.

3771—*Dies for Metal Ceilings

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

Dies (Forming)

See Dies, Stamping

3772— *Dies (Gang)

NELSON TOOL CO., INC., 782 E 142d, New York. *See adv index at end of book*

3773-4—*Dies (Gas Fixture)

AMERICAN TAP & DIE CO. (Taps & Dies), Greenfield, Mass.
See adv index at end of book
GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book

Dies (Glove Cutting)

See Glove Machinery

3775— Dies (Jewelers)

Crucible Steel Co. of Amer., Oliver bldg, Pittsburgh, Pa.

3776—*Dies (Machine or Solid Bolt)

GREENFIELD TAP & DIE CORP. ("Little Giant," "Lightning," "Green River," "O. K" & "G. T. D."), Greenfield, Mass. *See adv index at end of book*

3776a— *Dies (Metric)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book

3777— Dies (Notching)

Columbus Die, Tool & Machine Co., 955 Cleveland av, Columbus, O.
Nelson Tool Co., Inc., 782 E 142d, New York. *See adv index at end of book*
Rock River Machine Co., Janesville, Wis.
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.

3778— Dies (Opening)

Acme Machinery Co., Cleveland, O.
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
Errington F. A. (Automatic), 39 Cortlandt, New York.
Geometric Tool Co. ("Geometric" Self-Opening), New Haven, Conn.
GREENFIELD TAP & DIE CORP. ("Wells Self-Opening" for Machines), Greenfield, Mass. *See adv index at end of book*
Jones & Lamson Machine Co. ("Hartness" Automatic), Springfield, Vt.
Modern Tool Co., 300 State, Erie, Pa.
See adv index at end of book
Murchey Machine & Tool Co. ("Murchy," Automatic), Detroit, Mich.
National-Acme Mfg. Co. ("Namco"), 7500 Stanton av S E, Cleveland, O.
National Machinery Co., Tiffin, O.
Perkins Machine Co., Warren, Mass.
Pratt & Whitney Co., Hartford, Conn.
Russell Mfg. Co., Greenfield, Mass.
Stoll D. H. Co., Buffalo, N. Y.

Dies (Piercing)

See Dies, Punching

3779—Dies (Pipe Threading)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
ARMSTRONG MFG. CO. ("Armstrong"), 278 Knowlton, Bridgeport, Conn.
See adv index at end of book
Ashcroft Mfg. Co., 119 W 40th, New York
Bignall & Keeler Machine Works (For Use in "B & K" Machines Only), Edwardsville, Ill.
BORDEN CO., THE ("Beaver"), Warren, Ohio *See adv index at end of book*
Brubaker W. L. & Bros. (Solid Gas Pipe), Millersburg, Pa.

Card S. W. Mfg. Co. ("Smith," Adjustable, etc), Mansfield, Mass.
Carpenter J. M., Tap & Die Co., Pawtucket, R. I.
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
CROWN DIE & TOOL CO., 553 W Monroe, Chicago, Ill.
Curtis & Curtis Co., Bridgeport, Conn.
GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book
Handy Mfg. Co., Bridgeport, Conn.
Hart Mfg. Co. ("Duplex," "Buckeye"), Cleveland, O.
Landis Machine Co., Waynesboro, Pa.
Milwaukee Metal Working Co,. 383 Clinton, Milwaukee, Wis.
Morse Twist Drill & Machine Co. (Solid), New Bedford, Mass.
Murchey Machine & Tool Co., Detroit, Mich.
National Pipe Die & Machine Co. ("Three-In-One"), Archbold, O.
Nye Tool & Machine Works ("Nye"), 108 N Jefferson, Chicago, Ill.
Polk A. J. & Son, Millersburg, Pa.
Pratt & Whitney Co., Hartford. Conn.
Reed Mfg. Co. ("Armstrong Pattern"), Erie, Pa.
Saunders D. Sons, Yonkers, N. Y.
Superior Tap Co., Charlestown, N. H.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
Toledo Pipe Threading Machine Co. ("Toledo"), 1440 Summit, Toledo, O.
Walworth Mfg. Co. ("Hill's"), Boston, Mass.
Winter Bros. Co. ("Thistle"), Wrentham, Mass.

3780— Dies (Porcelain)

CROSSLEY MACHINE CO., State & Chestnut av, Trenton, N. J.
See adv index at end of book
Logan Edw. Machine Co., Trenton, N. J.
Mueller Mach. Co., Trenton, N. J.
Mycock Machine Works, Trenton, N. J.

3781— Dies (Pottery)

CROSSLEY MACHINE CO., State & Chestnut av, Trenton, N. J.
See adv index at end of book
Ivens Wm. H. Sons Co. ("Ivens"), P. O. Box 647, Trenton, N. J.

Dies (Press)

See Dies, Punching

3782— Dies (Punching)

Adriance Machine Works, 80 Richards Brooklyn, N. Y.
AINSLIE MACHINE & TOOL WORKS, 35 Jefferson av, Hartford, Conn.
See adv index at end of book
Am. Can. Co., 104 S Michigan av, Chicago, Ill.
AMERICAN DIE & TOOL CO., Reading, Pa. *See adv index at end of book*
American Machine Works, Omaha, Neb.
American Metal Works, Armat & Heiskel, Gtn., Phila., Pa.
Ams Max Machine Co. ("Ams" For Can Makers), Bridgeport, Conn.
Badger State Machine Co., Janesville, Wis.
Baird Machine Co., Bridgeport, Conn.
Bauroth E. F., Toledo, O.
Beach Mfg. Co., Little bldg, Boston, Mass.
Bettcher Mfg. Co., 6120 Clark av, S W, Cleveland, O.
Bliss E. C. Mfg. Co., 73 Page, Providence, R. I.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Callaghan Machine & Die Co., Canton, O.
Cannon T. J. & Sons Machine Co., Lynn, Mass.
Carpenter L. A. Press Metal Co., Cambridge, Mass.
Central Tool & Die Co., Dayton, O.
Christe-Kline Forge Co., Detroit, Mich.
City Mach. & Tool Wks., Dayton, O.
Clegg Mfg. & Tool Co., Attleboro, Mass.
Cleveland Metal Stamping Co., Cleveland, Ohio
Cleveland National Machine Co., 1366 W 70th, Cleveland, O.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Cleveland Steel Tool Co., Cleveland, O.
Columbia Metal Stamping Co., Cleveland, Ohio
Columbus Die, Tool & Machine Co., 955 Cleveland av, Columbus, O.
Cook H. C. Co., 100-120 Jewett, Ansonia, Conn.
Crescent Novelty Mfg. Co., 703 S B'way, St. Louis, Mo.
Detroit Metal Spinning Co., 197 Monroe av, Detroit, Mich.
Dickey-Grabler Wks., 118 Noble, Cleveland, Ohio
Duncan Forge Co., Toledo, O.
Eagle Stamping Co., 1400-1410 Niagara, Buffalo, N. Y.
FRANKLIN DIE & TOOL CO., Columbus, O. *See adv index at end of book*
Freeman F. W. Co., 160 Portland. Boston, Mass.
GASKET SUPPLY CO., 1927 Ludlow, Phila., Pa. *See adv index at end of book*
Gem City Mach. Co., Dayton, O.
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Gooley & Edlund, Cortland, N. Y.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Grand Rapids Brass Co. (For Sheet Metal), Grand Rapids, Mich.
The Hammond Steel Co., Inc. (Forged), Solvay, N. Y.
Hanson Tool & Die Co., Detroit, Mich.
Harry Bros. Mfg. Co., 282 Woodbridge, E. Detroit, Mich.
Hatheway Mfg. Co., Bridgeport, Conn.
Herron Mfg. Wks., Div. of the Bossick Co. (Bridgeport, Conn.), jigs & fixtures, dies, gages & special machinery, Utica, N. Y.
Hibbard W. H. Mfg. Co., 79 Wash., Brooklyn, N. Y.
Hoeft & Co., 1600 W Kinzie, Chicago, Ill.
Inland Machine Works, 800 Mound, St. Louis, Mo.
John's Stamping & Machine Works Co., Cleveland, O.
Keller Pneumatic Tool Co., Fond du Lac, Wis.
Kirkman Die & Tool Works, Denver, Colo.
KNAPP ARTHUR ENGINEERING CORP., 30 Church, New York
See adv index at end of book
Konigslow Otto Mfg. Co., 3506 Perkins av, Cleveland, O.
Krasberg Mfg. Co., 420 Orleans, Chicago, Ill.
Lake Erie Forging Co. (Forged), Cleveland, O.
Lees John, Indianapolis, Ind.
Leffler Chas. & Co., 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*
Lewes Machine Co., 830 Long av, Cleveland, O.
Lindell Die & Tool Co., Lansing, Mich.
Long Adam A., Rochester, N. Y.
Loshbough-Jordan Tool & Machine Co. 159 E Marion, Elkhart, Ind.
Lovejoy Tool Works, 319 W Ohio, Chicago, Ill.
Lundgren John & Co., Detroit, Mich.
McCall Machine Works. Rochester. N. Y.
McCulloch A. P. Machine Co., 216 High, Boston, Mass.
See adv index at end of book
Machine Mfg. & Engineering Co., Council Bluffs, Ia.
Mailometer Co., 1093 Jefferson av, E, Detroit, Mich.
Marite J. & Sons, 23 Kane, Buffalo, N. Y.
Michigan Pressed Steel Co., 229 Artillery, Detroit, Mich.
Milford Tool & Engng. Co., Milford, Conn.
Milwaukee Metal Working Co., 383 Clinton, Milwaukee, Wis.
Mitchell Jno. R. Co., 702 S Washington, Baltimore, Md.
MODERN TOOL, DIE & MACHINE CO., 216-220 N Fourth, Columbus, O.
See adv index at end of book
Mossberg Frank Co. (For Metal work), Attleboro, Mass.
NELSON TOOL CO., INC., 782 E 142nd, New York. *See adv index at end of book*
Nestor Mfg. Co., 40 W 13th, New York
New Process Specialty Co., 230 Hanover, Milwaukee, Wis.
See adv index at end of book
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*
Parkesburg Stamping & Mfg. Co., Parkesburg, Pa.
Peck, Stow & Wilcox Co., Southington, Conn.
Perkins Machine Co., Warren, Mass.
Pittsburgh Iron & Steel Foundries Co. ("Adammite"), Midland, Pa.
Pollard Engineering Co., 169 N Jefferson, Chicago, Ill.
Pratt & Whitney Co., Hartford, Conn.
QUADRIGA MFG. & SPECIALTY CO., 218 W Grand av, Chicago, Ill.
See adv index at end of book
Ranz Stamping Tool Co., 1509 N B'way, St. Louis, Mo.
Richards I. P. Co.,, 23 Pemberton, Providence, R. I. *See adv index at end of book*
ROBINSON TOOL WORKS, INC., Waterbury, Conn. *See adv index at end of book*
Rock River Machine Co., Janesville, Wis.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago(Ill. *See adv index at end of book*
St. Louis Trunk Hardware Mfg. Co., St. Louis, Mo.
Saunders Co., 1700 Brooklyn av, Kansas City, Mo.
Sheffield Machine & Tool Co., Dayton, O.
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
Smith Thos. Co., Worcester, Mass.
Standard Die & Stamping Co., Arrott Power bldg, Pittsburgh, Pa.
Stein Wm. P. & Co.. Rochester. N. Y.
Stoll D. H. Co., Buffalo, N. Y.
Superior Die Tool & Machine Co., Columbus, O.
Superior Metal Products Co., Elyria, O.
Swaine F. J. Mfg. Co., 7th & O'Fallon, St. Louis, Mo.
Tanner-Hower Mfg. Co., Akron, O.
Taylor-Shantz Co., Rochester, N. Y.
Thatcher-Reuter Mfg. Co., Cleveland, O.
Thomson Mach. Co., Canton, O.
Tucker Chas. E. Mfg. Co., York, Pa.
V. & O. Press Co., Dry Hrbr. rd, Glendale Station, N. Y.
Verdin, Kappes & Vedin Co., Cincinnati, O.
Walker Bros., Syracuse, N. Y.
Weiss L. T., 286 Taaffe pl, Brooklyn, N. Y.
Western Mach. Products Co., E 73rd & St. Claire, Cleveland, O.
Willemin Mfg. Co. Inc., 181 Eddy, Providence, R. I.
Winkelman Louis & Co., 213 Lawrence, Cincinnati, O.
Worcester Stamped Metal Co., 9 Hunt, Worcester, Mass.

3783— Dies (Ring)

Duncan Forge Co., Toledo, O.
Lake Erie Forging Co. (Forged), Cleveland, O.
Railway Steel Springs Co., 30 Church, New York

3784-5—*Dies (Round, Adjustable)

GREENFIELD TAP & DIE CORP'N. ("G. T. D." for Bolt & Pipe), Greenfield, Mass. *See adv index at end of book*

Dies (Round Blanking)

See Dies, Cutting; also Dies, Stamping

3786—Dies (Round Corner Card Cutting)

Ranz Stamping Tool Co., 1509 N B'way, St. Louis, Mo.

3787— Dies (Rubber)

Adams John J. (Cutting), Worcester, Mass.
Adamson Machine Co., Akron, O.
See adv index at end of book
Barbour Bros. (Cutting), Trenton, N. J.
Beaudry T. J. & Son (Cutting), Marlboro, Mass.
Bridgewater Machine Co., Akron, O.
Hoggson & Pettis Mfg. Co., New Haven Conn.
Knox J. E. & Co. (Cutting), Lynn, Mass.
Logan Edw. Machine Co., Trenton, N. J.
Loshbough-Jordan Tool & Machine Co. 159 E Marion, Elkhart, Ind.
Mahlow & Wyckoff, Trenton, N. J.
Nelson Tool Co., Inc., 782 E 142d, New York. *See adv index at end of book*
Phila. Cons. Die Co., 327 Race, Phila., Pa.

3788— Dies (Sack Printing)

Northwestern Stamp Works, 110 E 3rd, St. Paul, Minn.

3789—Dies (Sand Belt Splicing)

Mattison C. Machine Works, Beloit, Wis.

3790— Dies (Screw Cutting)

See also Screw Plates

Acme Die & Stamping Co., McKees Rocks, Pa.
Bay State Tap & Die Co. ("Bay State"), Mansfield, Mass.
BORDEN CO. THE, Warren, O.
See adv index at end of book
Butterfield & Co., Derby Line, Vt.
Card S. W. Mfg. Co., Mansfield, Mass.
Cleveland Die & Mfg. Co. (Or Thread Rolling), 748 E 82nd, Cleveland, O.
Geometric Tool Co. ("Geometric," Self-Opening & Adjustable), New Haven, Conn.
GREENFIELD TAP & DIE CORP'N ("Little Giant," "Lightning," "Green River," "O. K." & "G. T. D."), Greenfield, Mass. *See adv index at end of book*
Hart Mfg. Co. ("Duplex," "Buckeye"), Cleveland, O.
Hjorth Lathe & Tool Co. (Adjustable), 27 School, Boston, Mass.
Ideal Tool & Mfg. Co. (Self-Opener), Beaver Falls, Pa.
Landis Machine Co., Waynesboro, Pa.
Morse Twist Drill & Machine Co., New Bedford, Mass.
National-Acme Mfg. Co. ("Namco"), 7500 Stanton av, S E Cleveland, O.
Pratt & Whitney Co. ("Woodbridge"), Hartford, Conn.
Standard Tool Co., 6900 Central av, Cleveland, O.
Superior Tap Co., Charlestown, N. H.
Toledo Pipe Threading Machine Co. ("Toledo"), 1440 Summit, Toledo, O.
Winter Bros. Co. ("Thistle"), Wrentham, Mass.

3791— Dies (Self-Opening)

See also Dies, Opening

Allen Chas. G. Co. ("Diamond"), Barre, Mass.
GREENFIELD TAP & DIE CORPN. ("Wells' Self-Opening"), Greenfield, Mass. *See adv index at end of book*
Hannifin Mfg. Co. ("Hannifin"), 621 S Kolmar av, Chicago, Ill.
Ideal Tool & Mfg. Co., Beaver Falls, Pa.
Modern Tool Co. ("Modern," "Adjustable"), 300 State, Erie, Pa.
See adv index at end of book
National Acme Mfg. Co. ("Namco"), 7500 Stanton av, S E, Cleveland, O.

3792-3— Dies (Sewer Pipe)

American Clay Machinery Co., S Walnut, Bucyrus, O.
Sharp Mfg. & Supply Co., New Phila., O.

Dies (Sheet Metal Working)

See Dies, Stamping

3794— Dies (Soap)

Fries Anthony J., 717 Sycamore, Cincinnati, O.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Houchin-Aiken Co., 113 53d, Brooklyn, N.Y.
Mooney & Bueter, 507 W Jackson blvd, Chicago, Ill.
Schridde Wm., 358 W Madison, Chicago, Ill.
Sowers Mfg. Co., 1320 Niagara, Buffalo, N. Y.

3795-6— Dies (Solid)

Card S. W. Mfg. Co. (Machine or Bolt & Square Pipe), Mansfield, Mass.
Crane Co., Bridgeport, Conn.
CROWN DIE & TOOL CO. ("Crown"), 553 W Monroe, Chicago, Ill.
GREENFIELD TAP & DIE CORPN. ("G. T. D." Round, Square & Hexagon for Bolt & Pipe), Greenfield, Mass.
See adv index at end of book
Modern Tool Co. (Adjustable), 300 State, Erie, Pa. *See adv index at end of book*
Morse Twist Drill & Machine Co. (For Boynton & Plummer's Bolt Cutters & for Pipe), New Bedford, Mass.
Pratt & Whitney Co. ("Giant" Adjustable), Hartford, Conn.
Standard Tool Co., 6900 Central av, Cleveland, O.
Superior Tap Co., Charlestown, N. H.

Dies (Solid Bolt)

See Dies, Bolts, Threading

3797— *Dies (Solid Hexagon)

GREENFIELD TAP & DIE CORPN. ("G. T. D."), Greenfield, Mass.
See adv index at end of book

3798—Dies (Spring or Prong)

Carpenter J. M. Tap & Die Co., Pawtucket, R. I.
GREENFIELD TAP & DIE CORPN. ("G. T. D." & "Acorn"), Greenfield, Mass. *See adv index at end of book*
National Acme Mfg. Co. ("Namco"), 7500 Stanton av, S E, Cleveland, O.
Standard Tool Co., 6900 Central av, Cleveland, O.

3799— Dies (Stamping)

Acme Tool & Die Co., Syracuse, N. Y.
Adriance Machine Works, 80 Richards, Brooklyn, N. Y.
AINSLIE MACHINE & TOOL WORKS, 35 Jefferson av, Hartford, Conn.
See adv index at end of book
AMERICAN CAN CO. (Machy. Dept.), Monroe bldg, Chicago, Ill.
See adv index at end of book
American Machine Works, Omaha, Neb.
American Metal Works, Armat & Heiskel, Gtn., Phila., Pa.
Anderson Machine & Foundry Co., Anderson, S. C.
Atcheson & Barok Die Tool Co., 43 W Long, Columbus, O.
Auto Plating & Mfg. Co., Cleveland, O.
Baird Machine Co., Bridgeport, Conn.
Bauroth E. F., Toledo, O.
Beach Mfg. Co., Little Bldg, Boston, Mass.
Bender Ph. J. & Sons, 87 Frankfort, New York
Bettcher Mfg. Co., 6120 Clark av, S W, Cleveland, O.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Breil Robt Machinery Co., St. Louis, Mo.
Brown F. S. & G. L. Machine Co., 26 E Fort av, Baltimore, Md.
Callaghan Machine & Die Co., Canton, O.
Canton Foundry & Machine Co. (For Sheet Metal), Canton, O.
Carpenter L. A. Press Metal Co., Cambridge, Mass.
Cassaday Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Central Tool & Die Co., Dayton, O.
City Machine & Tool Wks., Dayton, O.
Cleveland Metal Stamping Co., Cleveland, Ohio
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E Cleveland, O.
Columbia Metal Stamping Co., Cleveland, O.
Columbus Die, Tool & Machine Co., 955 Cleveland av, Columbus, O.
Consolidated Press Co., Hastings, Mich.
Cook H. C. Co., 100-120 Jewett, Ansonia, Conn.
Crescent Novelty Mfg. Co., 708 S B'way, St. Louis, Mo.
Crown Hardware Mfg. Co., 1101-21 E 2nd, Dayton, Ohio
Dayton Mach. Products Co., Dayton, O.
Detroit Metal Spinning Co., 197 Monroe av, Detroit, Mich.
Dickey-Grabier Wks., 118 Noble ct, Cleveland, O.
Duncan Forge Co., Toledo, O.
Eagle Mfg. Co., Blue Rock & Turrill, Cincinnati, O.
Eagle Stamping Co., 1400-1410 Niagara, Buffalo, N. Y.
Feltes & Donegan, 1410 Kansas av, Kansas City, Mo
Ferracute Machine Co., Bridgeton, N. J.
FRANKLIN DIE & TOOL CO. (THE), Columbus, O. *See adv index at end of book*
Freeman F. W. Co., 160 Portland, Boston, Mass.
Fruchey Mfg. Co., 429 Bagg, Detroit, Mich.
Gardam Wm. & Son, 114 Park pl, New York
GASKET SUPPLY CO. (For All Kinds of Sheet Metal), 1927 Ludlow, Philadelphia, Pa.
See adv index at end of book
GEM MFG. CO. (For Flat & Drawn Work) Goebel nr Fulton N S, Pittsburgh, Pa.
See adv index at end of book
GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis.
See adv index at end of book
Gillespie Machine Co., Phipps Pr. bldg, Pittsburgh, Pa.
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Gooley & Edlund, Cortland, N. Y.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Grand Rapids Brass Co. (For Sheet Metal) Grand Rapids, Mich.
Hanson Tool & Die Co., Detroit, Mich.
Harry Bros. Mfg. Co. (Brass), 282 Woodbridge, E Detroit, Mich.
Hatheway Mfg. Co., Bridgeport, Conn.
Heartley Machine Variety Iron & Tool Works, 900 Summit, Toledo, O.
Hibbard W. H. Mfg. Co., 79 Washington, Brooklyn, N. Y.
Hoeft & Co., 1600 W Kinzie, Chicago, Ill.
Hoggson & Pettis Mfg. Co., New Haven, Conn.
Hudson Metal Mfg. Co., 141 Railroad av, Jersey City, N. J.
Inland Machine Works, 800 Mound, St. Louis, Mo.
Jones W. E., 14 Water, Brooklyn, N. Y.
Kennedy Jos. B. & Co., 1205 Olive, St. Louis, Mo.
Kidder-Oswald Co., Dayton, O.
Kirkman Die & Tool Works, Denver, Colo.
KNAPP ARTHUR ENGINEERING CORP, 30 Church, New York
See adv index at end of book
Kohler Die & Specialty Co., De Kalb, Ill.
Konigslow E. Stamping & Tool Works, Cleveland, O.
Konigslow Otto Mfg. Co., 3506 Perkins av, Cleveland, O.
Krag Franz K., 572 W Randolph, Chicago, Ill.
Krasberg Mfg. Co., 420 Orleans, Chicago, Ill.
Krebs Mfg. Co., 3419 E Ohio, Chicago, Ill.
See adv index at end of book

KREBS MANUFACTURING CO.
MANUFACTURERS OF
MILLING DIES
THREAD *and* SNAP GAUGES
JIGS
and SPECIAL TOOLS
Special Machinery and Parts
341-9 East Ohio Street
Chicago, Ill.

DIES: Sheet Metal — Blanking, Piercing, Forming, Swaging, Broaching
VAN DEMAN MACHINERY SPECIALTIES CO.
30 Church Street New York City

Lansing Stamping & Tool Co., Lansing, Mich.
Lees John, Indianapolis, Ind.
Lindell Die & Tool Co., Lansing, Mich.
Lippert & Rhenstrom, Kenosha, Wis.
Long Adam A., Rochester, N. Y.
Loshbrough-Jordan Tool & Machine Co., 159 E Marion, Elkhart, Ind.
Loy & Nawrath Co., 25 Runyon, Newark, N. J.
Luitink & Sons Mfg. Co., 775 18th, Milwaukee, Wis.
McCall Machine Works (Sheet Metal), Rochester, N. Y.
McCullock A. P. Machine Co., 216 High, Boston, Mass.
See adv index at end of book
McDowell Mfg. Co., Home Trust bldg, Pittsburgh, Pa.
Mach. Mfg. & Engineering Co., Council Bluffs, Iowa
Matthews James H. & Co., 3942 Forbes, Pittsburgh, Pa.
Mehl Machine Tool & Die Co., Roselle, N. J.
Meyer W. F. Diamond Saw Co., Bedford, Ind.
Michigan Machinery Mfg. Co., Ypsilanti, Mich.
Michigan Pressed Steel Co., 229 Artillery, Detroit, Mich.
Milwaukee Metal Working Co., 383 Clinton, Milwaukee, Wis.
Mitchell John R. Co., 702 S Washington, Baltimore, Md.
MODERN TOOL, DIE & MACHINE CO., 216-220 N Fourth, Columbus, O.
See adv index at end of book
Monarch Tool & Machinery Co., 1901 S Western av, Chicago, Ill.
Moore Eastwood Co., 116 E 4th, Dayton, O.
Mossberg Frank Co., Attleboro, Mass.
Mound Tool Co., 1203 S 7th, St. Louis, Mo.
National Machine & Tool Co., 253 A, Boston, Mass.
Nelson Blower & Furnace Co., L & Elkins, Boston, Mass.
NELSON TOOL CO., INC., 782 E 142d, New York. *See adv index at end of book*
Nestor Mfg. Co., 40 W 13th, New York
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book
Northwestern Stamp Works, 110 E 3rd, St. Paul, Minn.
Northwestern Stamping Co., Burlington, Ia.
Parkesburg Stamping & Mfg. Co., Parkesburg, Pa.
Perkins Machine Co., Warren, Mass.
Phenix Mfg. Co., Milwaukee, Wis.
Precision Metal Workers, 1443 Carroll av, Chicago, Ill.
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill.
See adv index at end of book
Ranz Stamping Tool Co., 1509 N B'way, St. Louis, Mo.
Reliable Machine Co., 5320 St. Clair av, Cleveland, O.
St. Louis Trunk Hardware Mfg. Co., St. Louis, Mo.
San Francisco Engineering Co., 322 6th. San Francisco, Cal.
Saunders Co., 1700 Brooklyn av, Kansas City, Mo.
Schatz Mfg. Co., Poughkeepsie, N. Y.
Schoder & Lombard Stamp & Die Co., 202 Centre, New York
Signalite Mfg. Co., 522 S Clinton, Chicago, Ill.
Sloan Novelty Mfg. Co., Kansas City, Mo.
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
Spokane Stamp Works, Spokane, Wash.
Standard Die & Stamping Co., Arrott Power Bldg., Pittsburgh, Pa.
Standard Machinery Co., Providence, R. I.
Steel Products Engineering Co., Springfield, O.
Stein Wm. P. & Co., Rochester, N. Y.
Stoll D. H. Co., Buffalo, N. Y.
Sumergrade Jos., 49 Elizabeth, New York
Superior Die, Tool & Machine Co., Columbus, O.
Superior Metal Products Co., Elyria, O.
Swaine F. J. Mfg. Co., 7th & O'Fallon, St. Louis, Mo.
Taylor-Schantz Co., Rochester, N. Y.
Thatcher-Rueter Mfg. Co., Cleveland, O.
Toledo Machine & Tool Co., Toledo, O.
Tozzi Mfg. Co., 352 Pearl, New York
V. & O. Press Co., Dry Harbor rd, Glendale Station, N. Y.
Verdin, Kappes & Verdin Co., Cincinnati, Ohio
Villinger Mfg. Co., Williamsport, Pa.
Wade Machine Co., 817 Albany, Boston, Mass.
Walker Bros., Syracuse, N. Y.
Walsh Press & Die Co., 4709 W Kinzie, Chicago, Ill.
Western Machine Products Co., E 73rd & St. Clair, Cleveland, O.
Wilcox W. W. Co., 1735 Armitage av, Chicago, Ill.
Wolverine Supply & Mfg. Co., Page & Fontella, Pittsburgh, Pa.
Worcester Pressed Steel Co., Worcester, Mass.
Worcester Stamped Metal Co., 9 Hunt, Worcester, Mass.

Zeh & Hahnemann Co. (For Cans, Cutlery, Hardware, etc), Vanderpool, Newark, N. J.

Dies (Steam Hammer)

See Dies, Chilled Hammer

3800—Dies (Steel, Soft Back)

The Hammond Steel Co., Inc., Solvay, New York
Krasberg Mfg. Co., 420 Orleans, Chicago, Ill.

3801— Dies (Stencil Cutting)

Dickey-Grabler Wks., 118 Noble ct, Cleveland, O.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Hanson C. H. Co., 178 N Clark, Chicago, Ill.
Moise-Klinkner Co., 369 Market, San Francisco, Cal.
Ness Geo. M. Jr., 61 Fulton, New York
Smith R. H. Mfg. Co., Springfield, Mass.
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.

3802— Dies (Sub-Press)

Cleveland Metal Stamping Co., Cleveland, Ohio
Columbia Metal Stamping Co., Cleveland, Ohio
Columbus Die, Tool & Machine Co., 955 Cleveland av, Columbus, O.
Cook H. C. Co., 100-120 Jewett, Ansonia, Conn.
FRANKLIN DIE & TOOL CO. (THE), Columbus, O. *See adv index at end of book*
Griswold Geo. M. Machine Co. (Four Pillar), New Haven, Conn.
Hoeft & Co., 1600 W Kinzie, Chicago, Ill.
Beach Mfg. Co., Little Bldg., Boston, Mass.
Inland Machine Works, 800 Mound, St. Louis, Mo.
Keller Pneumatic Tool Co., Fond du Lac, Wis.
KNAPP ENGINEERING CORP, 30 Church, New York
See adv index at end of book
McCall Machine Works, Rochester, N. Y.
McCullock A. P. Machine Co., 216 High, Boston, Mass.
See adv index at end of book
Mehl Mach. Tool & Die Co., Roselle, N. J.
MODERN TOOL, DIE & MACHINE CO., 216-220 N Fourth, Columbus, O.
See adv index at end of book
Nelson Tool Co., Inc., 782 E 142nd, New York. *See adv index at end of book*
Nestor Mfg. Co., 40 W 13th, New York
Nichols W. H., Waltham, Mass.
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
Stoll D. H. Co., Buffalo, N. Y.
Tucker Chas. E. Mfg. Co., York, Pa.
WALTHAM MACHINE WORKS, Waltham, Mass.
Zeh & Hahnemann Co., Vanderpool, Newark, N. J.

Dies (Thread Cutting)

See Dies, Screw Cutting

3803—Dies (Toe Calk Welding)

Cleveland Shaft Spring Co. ("Two-in-One"), Cleveland, O.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.

3804— Dies (Two Part)

Hjorth Lathe & Tool Co., 27 School, Boston, Mass.

3805— Dies (Upsetting)

FRANKLIN DIE & TOOL CO. (THE), Columbus, O. *See adv index at end of book*
Modern Tool, Die & Machine Co., 216-220 N Fourth, Columbus, O.
See adv index at end of book
Pittsburgh Iron & Steel Foundries Co. ("Adamite"), Midland, Pa.

3806— Dies (Vanadium Steel)

Inland Machine Works, 800 Mound, St. Louis, Mo.

3807— Dies (Wire Drawing)

Balloffet-Baszanger Die Co., 108 Fulton, New York
Boulin V. G. (Imp. Diamond), 1 Union sq, New York
Hartley Geo., Waterbury, Conn.
McFarland Foundry & Machine Co., Trenton, N. J.
Morgan Construction Co., Worcester, Mass.
Newman Andrew Co., 26 Cortlandt, New York
Syracuse Chilled Die & Casting Co. (Chilled Iron), Syracuse, N. Y.
VIANNEY WIRE DIE WORKS (Imp. Diamond), 1 Union sq, New York
Waldeck Anthony, 7607 B'way, Cleveland, Ohio
Wells & Richardson Co., Burlington, Vt.
Wennstrom's John Sons Co. ("Sapphire"), Suffern, N. Y.

3808— Dies (Wire Weaving)

Pittsburgh Iron & Steel Foundries Co., Midland, Pa.

3809— Digesters

American Process Co. (& Cookers), 68 William, New York
American Welding Co. (Wood Pulp, Chemicals, etc), Carbondale, Pa.
Atlantic Works, 80 Border E B, Boston, Mass.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Coatesville Boiler Works, Coatesville, Pa.
Columbiana Boiler Co., Columbiana, O.
Continental Iron Works (Welded), West & Calyer, Brooklyn, N. Y.
Dempwolf C. H. & Co., York, Pa.
Devine J. P. Co., Buffalo, N. Y.
Dillon D. M. Steam Boiler Works, Fitchburg, Mass.
Dover Boiler Works, Sales Office: 50 Church, New York; Works: Dover, N. J. *See adv index at end of book*
Eastwood Wire Mfg. Co. ("Perfection" Bronze for Paper Mills), Belleville, N. J.
Ervien Chas. W. & Co., Venargo & G, Phila., Pa.
Garrigues Com. & Co. (Fat & Oil), 154 Nassau, New York
HOOVEN, OWENS, RENTSCHLER CO. ("Hamilton" Globe), Hamilton, O.
See adv index at end of book
International Process Co. ("Pintsch," Digesters & Diffusers for Mfr of Chemical Wood Pulp), 5 Beekman, New York
Jackson & Church Co., Saginaw, Mich.
Leslie, Elliott & Co., Paterson, N. J.
McAllenan Bros. Co., 25th & A. V. R. R., Pittsburgh, Pa.
McNeil Boiler Co., 96 Crozier, Akron, O.
MANITOWOC ENGINEERING WORKS (Sulphite, Rotary & Soda), Manitowoc, Wis.
Mohr John & Sons (Rubber & Paper), 349 W Illinois, Chicago, Ill.
Munroe R. & Sons Mfg. Corporation, 23d & Smallman, Pittsburgh, Pa.
Noble & Wood Machine Co. (Paper Mill), Hoosick Falls, N. Y.
Petroleum Iron Works Co. (Pulp), Sharon, Pa.
Petty J. K. & Co., Stephen Girard bldg, Phila., Pa.
Pollock Wm. B. Co. (of Large Capacity & Pressure for Pulp Mills), Youngstown, O.
Portland Co. (For Sulphite & Soda Mills), Portland, Me.
Pusey & Jones Co. (Welded Steel), ft Poplar, Wilmington, Del.
Renneburg E. & Sons Co., 2639 Boston, Baltimore, Md.

DIGESTERS—continued

Smith Samuel & Son Co., Paterson, N. J.
Smith Theo. & Sons Co., ft Essex, Jersey City, N. J.
Struthers-Wells Co., Warren, Pa.
See adv index at end of book
Stuart & Peterson Co. (Soup), Burlington, N. J.
Swenson Evaporator Co. (Lap Welded), 53 W Jackson blvd, Chicago, Ill.
Traylor Engng. & Mfg. Co., Allentown, Pa.
De Pere Mfg. Co., West De Pere, Wis.

3809a— Digestors (Garbage)

BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book

3810— Digesters (Rubber)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

3811— Diggers (Beet)

Avery B. F. & Sons, Louisville, Ky.
Bucher & Gibbs Plow Co. ("The Michigan"), Canton, O.
Parlin & Orendorff Co. ("P & O"), Canton, Ill.

3812— Diggers (Peanut)

Cardwell Machine Co., Richmond, Va.
Champion Potato Machinery Co., Hammond, Ind.

3813— Diggers (Post Hole)

See also Augers, Post Hole

American Shovel & Stamping Co., Lorain, O.
Brown Mfg. Co. ("Brown Champion"), Zanesville, O.
Champion Tool & Handle Wks., Evart, Mich.
Columbus Handle & Tool Co. ("Columbus" Atlas, Eureka Pattern), Columbus, Ind.
Disston Hy. & Sons ("Samson" "Rapid"), Tacony, Phila., Pa.
Eureka Digger Co., 227 W Huron, Chicago, Ill.
Gibbs Mfg. Co. ("Gibbs"), Canton, O.
Hall Mfg. Co. ("Hall," "Badger"), Monticello, Iowa
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Iron City Tool Works, Ltd., 3201 Smallman, Pittsburgh, Pa.
Iwan Bros. ("Iwan's," "Iwan's Hercules," "Split Handle," "Perfection"), South Bend, Ind.
Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.
Kohler F. E. Co. ("Kohler," "Universal," "Little Giant," "Invincible," "Rival," "Hercules," "Champion" & "Pioneer"), Canton, O.
Matthews & Bro., Inc., W N St. Louis, 3722 Forest Park blvd.
National Mfg. & Steel Supply Co. ("Carter" Automatic), Newark, N. J.
Ohio Cultivator Co. ("Champion"), Bellevue, Ohio
Oliver Iron & Steel Co. (Loop or Tamping Top), S 10th & Muriel, Pittsburgh, Pa.
Ransome-Leach Co., 115 B'way, New York
Osmundson Spade Mfg. Co. ("One Minute"), Perry, Ia.
Pech Gus. Foundry & Mfg. Co. (Powell,), La Mars, Ia.
Seymour Mfg. Co. ("Seymour," "Eureka," "Atlas," "Hercules," "Champion," "Perfection"), Seymour, Ind.
Swineford G. A. Co., Canton, O.
Warren Tool & Forge Co., Warren, O.
Wood Shovel & Tool Co., Piqua, O.
Western Steel & Iron Works, De Pere, Wis.
Wyoming Shovel Wks., Wyoming, Pa.

3814— Diggers (Potato)

Akron Cultivator Co. ("Hist's"), Akron, O.
Allen S. L. & Co. ("Planet, Jr." Plow, for White & Sweet Potatoes), Denckla bldg, Phila., Pa.
American Fork & Hoe Co., Cleveland, O.
Aspinwall Mfg. Co. ("Aspinwall," Potato Digging Machines), Jackson, Mich.
Avery B. F. & Sons ("Avery," Plow, for White or Sweet Potatoes), Louisville, Ky.
Babcock Mfg. Co. (Cummings, "Otsego," Potato Digging Machines), Leonardsville, N. Y.
Bateman Mfg. Co. ("Iron Age," Potato Digging Machines), Grenloch, N. J.
Belcher & Taylor Agricultural Tool Co. ("Hitchcock" Plow), Chicopee Falls, Mass.
Blount Plow Works ("Blount," Plow), Evansville, Ind.
Brown-Manly Plow Co. ("Daisy Jr." Plow), Malta, O.
Brown Peter ("Brown" Potato Digging Machines), Greeley, Colo.
Bucher & Gibbs Plow Co., Canton, O.
Burch Plow Works Co. ("Burch" Plow), Crestline, O.
Champion Potato Machine Co. ("O-K Champion" Potato Digging Machines), Hammond, Ind.
Chattanooga Plow Co. ("Chattanooga" Plow), Chattanooga, Tenn.
Davidson-Dietrich Plow Co. (Plow Diggers), Evansville, Ind.
Deere & Co. ("Eclipse," "Jno. Deere," "Shaker" Plow), Moline, Ill.
DeShay D. H. ("Star"), Elysburg, Pa.
Doughten H. W. ("King of Potato Field" Plow), Moorestown, N. J.
Dowden Mfg. Co. (Ltd.) ("Dowden" Potato Digging Machines), Prairie City, Ia.
Eureka Mower Co. ("Eureka"), 16 Hickory Utica, N. Y.
Farquhar A. B. Co., Ltd. ("O. K. Elevator," "Gilt Edge," "Success Jr."), York, Pa.
Fenn Mfg. Co., Charlotte, Mich.
Gowanda Agricultural Works ("Hamburg," "Knox" Potato Digging Machines), Gowanda, N. Y.
Greenville Implement Co. ("Banner" Plow), Greenville, Mich.
Hall Jas. H. Plow Co., Maysville, Ky.
Hamburg Plow Works ("Hamburg" Plow), Hamburg, Pa.
Hench & Dromgold Co. ("Hench & Dromgold". Plow), York, Pa.
Hist Potato Machinery Co. ("New Hist"), Alliance, O.
Hoover Mfg. Co. ("Hoover" Potato Digging Machines), Avery, O.
Ireland & Helfrich ("Hoy"), Spencerport, N. Y.
Keystone Machine Co. ("Rice"), York, Pa.
McKenzie Bros. Mfg. Co. ("Badger"), La Crosse, Wis.
Messinger Mfg. Co. ("The Champion" Plows & Machines), Tatamy, Pa.
Moline Plow Co. ("Moline Knocker" Plow), Moline, Ill.
Moore Plow & Implement Co. ("Moore" Plow), Greenville, Mich.
Mountville Mfg. Co. ("Mountville"), Mountville, Pa.
Ohio Rake Co. ("Standard," "Little Giant"), Dayton, O.
Parlin & Orendorff Co. ("P. & O."), Canton, Ill.
Peek's S. H. Sons ("Reuther" Potato Digging Machines), East Aurora, N. Y.
Peru Plow & Wheel Co. ("Peru"), Peru, Ill.
Pittsburgh Shovel Co., Oliver bldg, Pittsburgh, Pa.
Platt Addison J., Sterling, Ill.
Potato Implement Co. ("Acme," Hand), Traverse City, Mich.
Pugh Mfg. Co., Topeka, Kan.
Racine-Sattley Co. ("Rustler"), Springfield, Ill.
Rock Island Plow Co. ("Rattler" Plow). Rock Island, Ill.
Schofield & Co. ("Schofield" Plows & Machines), Freeport, Ill.
South Bend Chilled Plow Co. ("South Bend" & "Shoker"), South Bend, Ind.
Specialty Device Co., 112 W 23rd, Cincinnati, O.
Sterling Mfg. Co. ("Sterling" Plow), Sterling, Ill.
Stevens Mfg. & Foundry Co., Decatur, Ill.
Syracuse Chilled Plow Co. ("Syracuse" Plow), Syracuse, N. Y.
Topeka Foundry & Mfg. Co., Topeka, Kan.
Wabers Mfg. Co. ("Best," Elevator Two-Horse), Racine, Wis.

3815— Diggers (Stubble)

Avery B. F. & Sons, Louisville, Ky.
Hall Jas. H. Plow Co., Maysville, Ky.
Moline Plow Co. ("Cap't Lafitte"), Moline, Ill.

3815a— *"Dim-a-lite"

WIRT COMPANY (Dimming Sockets), Germantown, Phila., Pa.

3815b— Dimethylaniline

Calco Chemical Co. (Chemical for Dyes), Bound Brook, N. J.
Chemical Co. of Am. (Mfrs), 28 Platt, New York
Du Pont Chemical Works, 120 B'way, New York
Marden, Orth & Hastings Co., 61 B'way, New York

3815c—Dimmers (Automobile)

Chicago Eye Shield Co., 2300 Warren av, Chicago, Ill.
H. P. B. Elec. Co., 30 E 42nd, New York
Morse Frank W. (Regulite Socket Plug), 293 Congress, Boston, Mass.
See adv index at end of book
St. Louis Elec. Wks., 4060 Forest Park blvd, St. Louis, Mo.
Ward Leonard Elec. Co., Bronxville, N. Y.

3816— Dimmers (Theatre)

See Rheostats, Stage Dimming)

3816a—*Dinitrochlorbenzol

Chemical Co. of Am., 28 Platt, New York
Du Pont Chemical Works, 120 B'way, New York

3816b— *Dinitrophenol

Du Pont Chemical Works, 120 B'way, New York

3816c— *Dinitrotoluol

Du Pont Chemical Works, 120 B'way, New York

3817— Dippers (Asphalt)

Barber Asphalt Paving Co. ("Iroquois"), Land Title bldg, Phila., Pa.

3818— Dippers (Copper)

Harris Arthur & Co., 212 N Curtis, Chicago, Ill.
Knapp Mfg. Co., 48 Warren, New York
Ray Geo. A. Mfg. Co. (Nickel Plated), Buffalo, N. Y.
Rochester Stamping Co., Rochester, N. Y.
Rome Mfg. Co. (Nickel Plated), Rome, N. Y.

3819— Dippers (Cream)

Boettiger Louis A. Co. ("Chapin"), 48 Leonard, New York
Chapman Co. ("Superior"), Geneva, N. Y.
National Enameling & Stamping Co., 411 5th av, New York

3820—Dippers (Milk, Water, Etc.)

Central Stamping Co. ("Puritan," "Sterling"), 172 Fulton, New York
Lalance & Grosjean Mfg. Co. (Enameled Iron, Tin, etc), 299 B'way, New York
National Enameling & Stamping Co., 411 5th av, New York
Strong Mfg. Co. (Enameled Cocoa Cup, Flaring, etc), Sebring, O.

3821—Dippers (Steam Shovel & Dredge)

American Manganese Cteel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
Fairbanks Steam Shovel Co., Marion, O.
Manitowoc Engineering Works, Manitowoc, Wis.
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.
Union Iron Works (For Steam Shovels), Hoboken, N. J.

3822— Dippers (Wood)

Chapman-Sargent Co. (Pickle, Oyster, Fruit, Butter, etc), Perrysburg, O.

3823—Dippers & Funnels (Combination)

Peoria Can Co., Peoria, Ill.

3824— *Dips (Gas Mantle)

DU PONT CHEMICAL CO., 120 B'way, New York

3825— Dips (Sheep)

Burch F. S. & Co., 152 W Huron, Chicago, Ill.
Chemical Supply Co., 2450 Canal rd, **Cleveland, O.**
Hygeno Disinfectant Co., Cleveland, O.
Peerless Stock Powder Co. ("Cresy-pole"), Falls City, Neb.
Thompson's Carbolic Soap Co., 46 Eagle, Brooklyn, N. Y.
Van Tilberg Oil Co. ("Creola"), 2424 Univ. av, S E, Minneapolis, Minn.

3826—*Dirt Collectors (Centrifugal)

WESTINGHOUSE AIR BRAKE CO., Pittsburgh, Pa.

3827—Dischargers (Centrifugal)

American Tool & Machine Co., 10 High, Boston, Mass.

3828— Discharges (Static)

Lord Mfg. Co. ("Abacot"), 105 W 40th, New York

3829— Discs (Abrasive)

Besly Chas. H. & Co. ("Helmet," "Boxite," "Crystox," "Garnet Plain Paper"), 120 N Clinton, Chicago, Ill.
Carborundum Co. (Carborundum & Alox-ite), Niagara Falls, N. Y.
Gardner Machine Co. ("Gardner"), Beloit, Wis.

3830— Discs (Armature)

(Iron Discs & Segments)

CLEVELAND ARMATURE WORKS, 4736 St. Clair av, Cleveland, O.
See adv index at end of book
Columbus Die, Tool & Mach. Co., 955 Cleveland av, Columbus, O.
Commutator Co., 121 N 1st, Minneapolis, Minn.
Forbes & Myers (Stator & Rotor), 169 Union, Worcester, Mass.
See adv index at end of book
Hendrick Mfg. Co., Carbondale, Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Worcester Stamped Metal Co., 9 Hunt, Worcester, Mass.

Discs (Carbon)

See Carbon Mfrs.

3831—Disc (Circular Metal Slitting)

Union Twist Drill Co., Athol, Mass.

Discs (Cork)

See Washers, Cork

3832— *Discs (Fibre)

Nat'l Fibre & Insulation Co., Yorklyn, Del.

3833— Discs (Friction)

Houghton E. F. & Co. ("Vim" Leather), 240 W Somerset, Phila., Pa.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

3834— Discs (Grain Drill)

Cambria Steel Co., Widener bldg, Phila., Pa.
Indiana Rolling Mill Co., New Castle, Ind.

3835— Discs (Graphite)

Acheson Graphite Co., Niagara Falls, N. Y.
United States Graphite Co., Saginaw, Mich.

3836— Discs (Harrow)

Cambria Steel Co. (Steel), Widener bldg, Phila., Pa.
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Indiana Rolling Mill Co., New Castle, Ind.
Stowel Co., The (Disc Washers Only), So Milwaukee, Wis.

3837— Discs (Hot Water)

Tyler Fred A. (Adjustable), Albany, N. Y.

3838-9—Discs (Iron & Steel)

Auburn Ball Bearing Co. (Hardened Tool Steel), 26 Elizabeth, Rochester, N. Y.
Bettcher Mfg. Co., 6120 Clark av S W, Cleveland, O.
Bossert Corporation, The, Utica, N. Y.
See adv index at end of book
Cullman Wheel Co. (Steel Only), 1346 Altgeld, Chicago, Ill.
Farist Steel Co., Bridgeport, Conn.
Hammond Steel Co., Inc., Solvay, N. Y.
McInnes Steel Co. (Ltd.) ("McInnes" Annealed Tool Steel), Corry, Pa.
Molthrup Steel Products Co., Beaver Falls, Pa.
Mossberg Frank Co. (Circular, Pressed, Steel), Attleboro, Mass.
Nicetown Plate Washer Co., Nicetown, Phila., Pa.
U. S. Indestructible Gasket Co., Church & Fulton, New York.
See adv index at end of book
Vulcan Steam Forging Co. (Forged), 251 Rano, Buffalo, N. Y.
Wyoming Shovel Works, Wyoming. Pa.

3840— Discs (Radiator)

Bliss-Chester Co., 31 Mathewson, Providence, R. I.
Goetze Gasket & Packing Co. ("Goetze" Copper-Asbestos or Nickel-Asbestos), New Brunswick, N. J.

3840a— Discs (Record)

Victor Talking Machine Co., Camden, N. J.

3841— Discs (Self-Feeder)

Henry & Allen (For Threshing Machines), Auburn, N. Y.

3842— Discs (Slate)

Keenan Structural Slate Co., Bangor, Pa.
McNamara Bros., Fair Haven, Vt.

3843— Discs (Tin)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book

3844— Discs (Valve)

American Hard Rubber Co. (Hard Rubber), 9 Mercer, New York
Anchor Packing Co. ("Ankorite"), Lafayette bldg, Phila., Pa.
Bell Andrew (Est. of), 6 Commercial, Newark, N. J.
Boston Belting Corp., 84 Linden Park, **Boston, Mass.**
Canfield Rubber Co., Bridgeport, Conn.
Cincinnati Rubber Mfg. Co. (Rubber), Cincinnati, O.
Combination Rubber Mfg. Co. (Rubber), Bloomfield, N. J.
Continental Fibre Co. ("Bakelite-Dilecto" & Vulcanized Fibre), Newark Centre, Del.
Continental Rubber Works (Rubber), Erie, Pa.
DOMINION ASBESTOS & RUBBER CORP ("Darcoid") 154 Nassau, New York. *See adv index at end of book*
Durabla Mfg. Co. ("Durabla"), 114 Liberty, New York
Goetze Gasket & Packing Co. ("Goetze" Copper Asbestos or Nickel-Asbestos), New Brunswick, N. J.
Goodrich B. F. Co. (Rubber), Akron, O.
Home Rubber Co., Trenton, N. J.
Jenkins Bros., 80 White, New York
Johns-Pratt Co., The, ("Vulcabeston"), Hartford, Conn.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mattson Rubber Co. (Rubber), Lodi, N. J.
Mechanical Rubber Co. ("Cleveland"), Cleveland, O.
Nat'l Fibre & Insulation Co., Yorklyn, Del.
National Mfg. & Engineering Co. ("American" Metal), 1537 Race, Phila., Pa.
New York Belting & Packing Co. (Rubber), 91 Chambers, New York
O'Meara J. (Inc.), 2 Lispenard, New York
Ohio Injector Co. ("O. I. C."), Wadsworth, Ohio
Peerless Rubber Mfg. Co. (Rubber), 31 Warren, New York
Pennsylvania Rubber Co. (Rubber), Jeannette, Pa.
Post E. L. & Co. ("Post's" Corrugated Metal), 50 Cliff, New York
Quaker City Rubber Co., 629 Market, Phila., Pa.
Republic Rubber Co. (Rubber), Youngstown, O.
Skinner M. B. Co. ("Perfect"), 562 W Washington, Chicago, Ill.
Star Brass Mfg. Co. (Renewable Metal), 108 E Dedham, Boston, Mass.
STRONG MACHINERY & SUPPLY CO. ("Strong's I. O. P."), 21 Walker, New York. *See adv index at end of book*
U. S. Indestructible Gasket Co., Church & Fulton, New York
See adv index at end of book
Western Rubber Co. (Rubber), Goshen, Ind.
Wolverine Brass Works, Grand Rapids, Mich.

3845—Dish Warmers (Electric)

Prometheus Electric Co., 511 W 42d, New York

3846— Dishers (Ice Cream)

Clipper Fountain Supply Co., Troy, N. Y.
Walker C. L. & Co. ("Walker's," Aluminum & Tin & Nickel Silver), 656 W 12th, Erie, Pa.
Gilchrist Co., 236 Bank, Newark, N. J.
Giles & Nielsen Nickel Works, Troy, N. Y.
National Enameling & Stamping Co., 411 5th av, New York
Nicol & Co. ("Delmonico's"), 218 N Jefferson, Chicago, Ill.

3846a— *Dishes (Cascade)

Elyria Enameled Products Co. (Steel or Cast Iron Glass Enameled), Elyria, O.

3847— Dishes (Chafing)

Aldrich Mfg. Co., Buffalo, N. Y.
American Electrical Heater Co. (Electric), Detroit, Mich.
Buckeye Aluminum Co. ("Real Solid" Aluminum), Wooster, O.
Buffalo Mfg. Co., Buffalo, N. Y.
Central Stamping Co. ("Puritan"), 174 Fulton, New York
Edison Elec. Appliance Co., Inc. (Hotpoint Div.), 5600 W Taylor, Chicago, Ill.
International Silver Co., 9 Maiden la, New York
Lalance & Grosjean Mfg. Co. (Enameled), 299 B'way, New York
Landers, Frary & Clark ("Universal"), New Britain, Conn.
Manning, Bowman & Co., Meriden, Conn.
New York Stamping Co. ("Empress"), N 11th & Berry, Brooklyn, N. Y.
Presto Electrical Mfg. Co. ("Presto" Electric), 323 Geary, San Francisco, Cal.
Ray Geo. A. Mfg. Co., Buffalo, N. Y.
Rochester Stamping Co. (Electric & Alcohol), Rochester, N. Y.
Simplex Electrical Heating Co. ("Simplex" Electric), Cambridge, Mass.
Sternau S. & Co., 35 Gold, Brooklyn, N. Y.
Sutterley G. T. & Co., 23rd & Hamilton, Philadelphia, Pa.
Sweeney W. H. Mfg. Co. ("Royal," Copper & Nickel Plated, etc), 30 Main, Brooklyn, N. Y.
Wallace R. & Sons Mfg. Co., Wallingford, Conn.
WESTINGHOUSE ELECTRIC & MFG. CO. (Electric), East Pittsburgh, Pa.
See adv index at end of book

3847a—*Dishes (Evaporating)

Elyria Enameled Products Co. (Glass Enameled), Elyria, Ohio.
See adv index at end of book

3848—Dishes, Plates, Etc. (Paper)

American Water Supply Co., 251 Causeway, Boston, Mass.
Bleyer Alfred & Co., 229 West, New York
Economy Box & Pie Plate Co., Marion, Ind.
Escanaba Mfg. Co., St. Louis, Mo.
Grasberger B. A. & Co., Richmond, Va.
Keyes Fibre Co., Waterville, Me.
No Leak Paper Dish Co., Wheeling, W. Va.
Northern Bag & Plate Co., Carthage, N.Y.
Oval Wood Dish Co., Delta, O.
Sayford Paper Specialty Co. (Finger Bowls & Ice Cream Inserts), Vineland, N. J.
Star Paper Dish Co. ("Daisy" Round, "Handy" Square), Richmond, Va.
Virginia Mfg. Co., Suffolk, Va.

3848a—*Dishes (Porcelain)

Ohio Pottery Co. ("Ohio"), Zanesville, O.
See adv index at end of book

3848b— Dishes (Soap)

See also Bath Room Fixtures & Furnishings; also Enameled Ware Mfrs.; also Wire Goods, Bright

The Arlington Works (E. I. du Pont de Nemours & Co.), 21 E 40th, New York
Racine Iron & Wire Works, Racine, Wis.

3849— Dishes (Wood)

Atlas Mfg. Co., New Haven, Conn.
Aull Bros. Co., Dayton, O.
Bleyer Alfred & Co. (Pie Plates), 229 West, New York
Cupples Samuel Woodenware Co., 7th & Spruce, St. Louis, Mo.
Dayton Paper Novelty Co., Dayton, O.
Dodge Clothespin Co. (Wire Ends), Caudersport, Pa.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Keyes Fibre Co., Waterville, Me.
Mullen Bros. Paper Co., St. Joseph, Mich.
Northern Bag & Plate Co., Carthage, N.Y.
Oval Wood Dish Co. (of Every Description), Delta, O.
Richmond Cedar Works (Wire & Tin End Butter), Richmond, Va.
Roberts J. N. Mfg. Co., Metropolis, Ill.
Star Paper Dish Co. ("Daisy"), Richmond, Va.
Weston Paper & Mfg. Co., Dayton, O.

3850— Disinfectants

Adams Fred C. Co., 234 S La Salle, Chicago, Ill.
Alcatraz Co., Inc. ("Karbo," "Pin-E-Ola"), 3200 Williamsburg av, Richmond, Va.
American Antiformin Co. ("Antiformin"), 38 Water, New York
American Aromatic Disinfector Co., 428 Walnut, Phila., Pa.
American Disinfectant Works, Buffalo, N.Y.
American Disinfecting Co., Sedalia, Mo.
American Oil & Disinfectant Co. ("Sparrow"), 196 Water, New York
Antozone Chemical Co., 32 Old Slips, New York
Aspinwall Geo. H. (Inc.), Corneilson av, Jersey City, N. J.
Barrett Co., 17 Battery pl, New York
Baum Bros. Co., Denver, Colo.
Bayer Co. (Antinonnin), 117 Hudson, New York
Bayway Chemical Co., Elizabeth, N. J.
Boston Chemical Co., 66 Hanover, Boston, Mass.
Brewer & Co. ("Cresonol," "Creosanthol," "Pinosol"), Worcester, Mass.
Burch F. S. & Co., 152 W Huron, Chicago, Ill.
Cabot Samuel (Inc.), 141 Milk, Boston, Mass.
Carbolineum Wood Preserving Co. of N.Y., 41 Greene, New York
Carpenter W. D. Co., Syracuse, N. Y.
Chemical Supply Co., 2450 Canal rd, **Cleveland, O.**
Clifton Chemical Co., 317 Greenwich, New York
Coal Tar Product Co. ("Stag" Brand), 570 Smith, Brooklyn, N. Y.
Continental Mfg. Co. ("Puroline"), Indianapolis, Ind.
Corbin Disinfecting Co. ("Napthol-Phenoline"), Front & Walnut, Phila., Pa.
C. P. N. Chemical Co., Inc. (Jobbers), 78 Reade, New York, & 231 West Huron, Chicago, Ill.
Cremoline Disinfecting Co., 17 S Main, St. Louis, Mo.
Crest Chemical Co. ("Crest"), Seattle, Wash
Dayton Wm. H., 4108 E 100th, Cleveland, Ohio
Dolge C. B. Co., Westport, Conn.
Durfee Mfg. Co., Grand Rapids, Mich.
Dusenberry H. C. (Inc.), ("Creoleum," "C. C."), 95 Gold, New York
Eagle Oil & Supply Co. ("Eagleine"), 104 Broad, Boston, Mass.
Egyptian Chemical Co., 255 Atlantic av, Boston, Mass.
Embalmers' Supply Co., Westport, Conn.
Flash Chemical Co. ("Flash Creothol"), 160 Second sq, Cambridge, Mass.
Ford Mfg. Co., 2339 La Salle, Chicago, Ill.
Fort Pitt Chemical Co. ("Sanitant") 14th & Etna, Pittsburgh, Pa.
Fuerst Bros. & Co. (Imported), 2 Stone, New York
Fulton Bag & Cotton Mills ("Kilzit"), Atlanta, Ga.
Garnet Geo. H. Co., Allentown, Pa.
General Laboratories ("B-K"), 906 Monona av, Madison, Wis.
Georgia Pine Turpentine Co., 158 Perry, New York
Good James, 939 N Front, Phila., Pa.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Hayner Norman C. Co. ("Killitol"), Rochester, N. Y.
Hillyard Mfg. Co., St. Joseph, Mo.
Houghton E. F. & Co. ("Houghton" Odorless), 240 Somerset, Phila., Pa.
Hunt Mfg. Co., 3335 Broadview, Cleveland, Ohio
Indianapolis Chemical Co., 1444 Madison av, Indianapolis, Ind.
Insecticide Co., Phelan bldg, San Francisco, Cal.
Johnson A. W. V., Merchts. Exchange, San Francisco, Cal.
Mann H. D. Co. ("Odozone"), 124 N Warren, Syracuse, N. Y.
Masury-Young Co., 196 Milk, Boston, Mass.
Merck & Co., 45 Park pl, New York
Met-ol Polish & Mfg. Co., 1027 Larroke, **Chicago, Ill.**
Minor W. E. Disinfectant Co. ("Minor"), 328 Champlain av, Cleveland, O.
Monahan Antiseptic Co., 166 N Curtis, Chicago, Ill.
National Disinfecting Co. ("Phenolene"), 306 E 59th, New York
National Sanitary Co., Sedalia, Mo.
No. American Chemical & Engng. Co., 23 Old Slip, New York
Northwestern Mfg. Co., Indianapolis, Ind.
Ohio Chemical Co., Findlay, O.
Oxyozon Disinfecting Co., 410 W 13th, New York
Pacific Coast Beef & Provision Co., Los Angeles, Cal.
Parke, Davis & Co., Detroit, Mich.
Phinotas Chemical Co., 237 Front, New York
Platt Henry B., 42 Cliff, New York
Plunkett Chemical Co., 2540 Cottage Grove av, Chicago, Ill.
Purolene Disinfecting Co., 956 S B'way, Los Angeles, Cal.
Rath Mfg Co. ("Rathola," Liquid), Hedley cr. of Richmond, Phila., Pa.
Robacher's Disinfectant Co., Rochester, N. Y.
ROCHESTER GERMICIDE CO., Rochester, N. Y.
Saniform Co., 141 W 36th, New York
SANITARY PRODUCTS CORP., Philadelphia, Pa.
Soudan Specialty Mfg. Co., 961 Alexander, Milwaukee, Wis.
Spiritine Chemical Co., Wilmington, N. C.
Standard Chemical Co., 728 Frankfort av, Cleveland, O.
Standard Chemical Co. ("Creofectant"), Houston, Tex.
Sulpho Napthol Co., 14 Medford, Boston, Mass.
Vapo-Cresoline Co., 62 Cortlandt, New York
Vestal Liquid Soap & Disinfectant Co. ("Vestarol"), 1121 Pine, St. Louis, Mo.
Waeide Herman, 736 Frankfort av, N W, Cleveland, O.
West Disinfecting Co., 411 5th av, New York
White Tar Co., John & Cliff, New York
Williams Joseph Co., Sharpsburg, Pa.
Wilson & Co., Union Stock Yards, Chicago, Ill.
Woolf's Hypozone, 230 Greenwich, New York
Worrell Mfg. Co. ("Vermingo"), 212 N Main, St. Louis, Mo.
Zenner Disinfectant Co., 133-35 Larned av, Detroit, Mich.

3851— Disinfecting Apparatus

See also Machinery, Disinfecting

American Sterilizer Co. (For Hospitals, etc), Erie, Pa.
Automatic Disinfectant Co., Box 252, Memphis, Tenn.
Bernstein Mfg. Co. (For Hospitals), 3d & Westmoreland, Phila., Pa.
Garnet Geo. H. Co., Allentown, Pa.
Hillyard Mfg. Co., St. Joseph, Mo.
Hydro-Pneumatic Disinfecting Co., 221 Mercer, New York
Rochester Germicide Co., Rochester, N. Y.

3852— Disintegrators

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
American Clay Machinery Co. (Clay), S Walnut, Bucyrus, O.
Anderson Foundry & Machine Works (Clay), Anderson, Ind.
Atlanta Utility Works, East Point, Ga.
Blanchard Machine Co. (Fertilizer), Cambridge, Mass.
Brewer H. & Co. (Clay), Tecumseh, Mich.
Campbell Peter F. (Mill), 55 Laurel, Philadelphia, Pa.
Chambers Bros. Co. (Clay), 52nd below Lancaster, Phila., Pa.
Day J. H. Co., Cincinnati, O.
Excel Mfg. Co. (All Dry Colors), Pottersville, N. J.
Fate J. D. Co. (Clay), Plymouth, O.
Flynn & Emrich Co., 305 N Holliday, Baltimore, Md.
Holmes & Blanchard Co., 31 State, Boston, Mass.
JEFFREY MFG. CO. (Coal, etc), 961 N Fourth, Columbus, Ohio.
See adv index at end of book
LINK-BELT CO. (For Coal, etc), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
Marquette Jno. N. Sons, 513 S Eden, Baltimore, Md.
Mead & Co., Detroit, Mich.
Potts C. & A. & Co. (Clay), Indianapolis, Ind.
Pratt Engineering & Machine Co., Atlanta, Ga.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
Sackett A. J. (Fertilizer, etc.), cor. 4th av & First, Baltimore, Md.
Stedman's Foundry & Machine Works, Aurora, Ind.
Steele J. C. & Sons, Statesville, N. C.
Stroud E. H. & Co., 928-934 Fullerton av, Chicago, Ill.
Walker & Elliott, 2d & Lombard, Wilmington, Del.
Wellington Machine Co. (Clay), Wellington, O.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

3853— Disintegrators (Sugar)

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
Gibbens-Finney-Gordon Co. ("Warmoth-Hyatt"), 213 Canal, New Orleans, La.

3854—Dispensers (Cream & Milk)

American Machinery Co. ("American"), 1229 Callowhill, Philadelphia, Pa.

3855— Dispensers (Straw)

Coe Mfg. Co. ("Monarch"), 35 Warren, New York

3856— Dispensers (Sugar)

Spengler-Loomis Mfg. Co. ("Kwicksharp"), **58 E Washington, Chicago, Ill.**

Display Fixtures

See Window Display Fixtures

Distillers

See Alcohol, various kinds

3857— Distilling Apparatus

See also Stills of Various Kinds
American Engineering Co. (For Marine Work), Aramingo av & Cumberland, Phila., Pa.
Badger E. B. & Sons Co. ("Barbet" for Alcohol, Rum, Wood, etc), 75 Pitts, Boston, Mass.
Basuerle & Morris (For Alcohol, Whiskey, Turpentine, Water, Pine, Oils, etc), 932 N Front, Phila., Pa.
Devine J. P. Co. (For Wood), Buffalo, N. Y.
Gerstein Bros. & Cooper (All Kinds), 3 W 3d, South Boston, Mass.
GRISCOM-RUSSELL CO. (Water, also Salt Water & Chemicals), 92 West, New York *See adv index at end of book*

Hoffman-Ahlers Co. (Wood Alcohol, Turpentine, Vinegar, etc), 828 E Pearl, Cincinnati, O.
Lummus Walter E. Co., 173 Milk, Boston, Mass.
Philadelphia Coppersmithing Co., 222 N Front, Phila., Pa.
ROW & DAVIS ENGINEERS, INC. ("Paracoil"), 90 West, New York
See adv index at end of book
Schutte & Koerting Co. ("S. & K.," for Producing Fresh Water), 1251 No. 12th, Phila., Pa.
Standard Water Systems Co. ("Tripure" Water), Hampton, N. J.
Triumph Ice Machine Co. (Refrigeration), Oakley, Cincinnati, O.
Ordway Chas. ("Yaryan" System for Producing Fresh Water from Sea Water, etc.), 25 Church, New York

Distributors (Asphalt & Tar)

See Road Oilers & Distributors

3858—Distributors (Fertilizer)

Akron Cultivator Co. ("Akron" Horse), Akron, O.
American Seeding Machine Co., Springfield, O.
Avery B. F. & Sons ("Avery's Improved," "Knocker," "Pet"), Louisville, Ky.
Ayers J. R. (Single Row One Horse), Petersburg, Va.
Bateman Mfg. Co. ("Advance," "Iron Age"), Grenloch, N. J.
Belcher & Taylor Agricultural Tool Co. ("Stevens," Hand & Horse), Chicopee Falls, Mass.
Brinly Hardy Co., Louisville, Ky.
Brown Mfg. Co. ("Brown"), Zanesville, O.
Crown Mfg. Co., Phelps, N. Y.
Fletcher John C. (Guano), McColl, S. C.
Gantt Mfg. Co. (Guano), Macon, Ga.
Genung C. W. ("Iron King"), Madison, O.
Harriman Mfg. Co. ("Tillman" Hand), Harriman, Tenn.
Hench & Dromgold Co. ("H. & D."), York, Pa.
International Harvester Company of America, Inc., Harvester bldg, Chicago, Ill.
Leavitt Mfg. Co. ("Soil Feeder"), Urbana, Ill.
McWhorter Mfg. Co., Riverton, N. J.
Ontario Drill Co., East Rochester, N. Y.
Peoria Drill & Seeder Co. ("Peoria-Phosphatey"), Peoria, Ill.
Richardson Mfg. Co. ("Broadcast"), Worcester, Mass.
Southern Plow Co. ("Georgia"), Columbus, Ga.
Sterling Mfg. Co. ("Sterling"), Sterling, Ill.
Thomas Mfg. Co. (Orange Grove & Orchard), Springfield, O.
Towers & Sullivan Mfg. Co. ("Roman," "Tip-Top," "Universal"), Rome, Ga.
Williams Bros. ("Ithaca"), Ithaca, N. Y.
Wirtz & Hernlen ("Farmer's Friend," "Richmond"), Augusta, Ga.

3859—Ditcher, Grader & Loader Combined

American Road Machinery Co., Kennett Square, Pa.
Good Roads Machinery Co., Fort Wayne, Ind.
Marion Steam Shovel Co., P. O. Box 505, Marion, O.
Snow T. W. Construction Co. ("Bowman" Ditcher & Grader)' 537 S Dearborn, Chicago, Ill.
Western Wheeled Scraper Co., Aurora, Ill.

Ditching Machines

See Ditching Machines in Machinery Lists; also Road Machines & Graders

3860— Divers (Submarine)

Boston Tow Boat Co., 111 Devonshire, Boston, Mass.
Craemer Fred., 1220 Beach, Phila., Pa.
Humphreys Geo. 575 Clinton, Brooklyn, N. Y.
Jenks Edward B. Co., 143 Liberty, New York
Larkin P. J., 3 Coenties Slip, New York
Merritt & Chapman Derrick & Wrecking Co., 17 Battery pl, New York
New York Submarine Cont. Co., 130 Pearl, New York
Phillips H. W., Quincy, Mass.
Scott T. A. Co., New London, Conn.

3861— *Dividers (Extension)

STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

3862— *Dividers (Spring)

STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

3863—Dividers (Wing & Extension)

See also Compresses; also Calipers & Dividers

Athol Machine Co. ("Premier" & "A. M. C."), Athol, Mass.
Goodell-Pratt Co. (Spring), Greenfield, Mass.
Johnson Wm. (Hedenberg Works), ("Cook's" Pattern Expansion Wing, etc), Newark, N. J.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Peck, Stow & Wilcox Co., Southington, Conn.
Schollhorn Wm. Co. ("Excelsior"), New Haven, Conn.
Tolman I. W. ("Cook's" & "Copelands" Steel Extension), Worcester, Mass.

I. W. TOLMAN Successor to Thomas F. Eagan
Manufacturer of Copeland's Patent Steel Extension Dividers, Cook's Dividers, Wing Dividers, Window Springs, Monarch Storm Window Fasteners
38 CLIFTON STREET WORCESTER, MASS.

See adv index at end of book
Union Tool Co., Orange, Mass.
Welles F. A., Waukesha, Wis.

3864— Diving Apparatus

Hale, Alfred Rubber Co., 17 Covington, S B, Boston, Mass.
Johnson A. W. V., Merchts. Exchange, San Francisco, Cal.
Merrill-Stevens Shipbuilding Corp., Jacksonville, Fla.
Morse A. J. & Son, Inc., 221 High, Boston, Mass.
Schrader's A. Son, Inc., 783-803 Atlantic av, Brooklyn, N. Y.

3865— Dobby Pegs

Nelson W. H. & Son, Taunton, Mass.

3866— Dock Builders

See also Contractors, Pile Driving

CALIFORNIA.

SAN FRANCISCO—City Street Improvement Co., 166 Geary
Healy-Tibbitts Construction Co., 9 Main
Hyde, Harjes & Co., 110 Market
San Francisco Bridge Co., Nevada Bank bldg
Union Iron Works Co., 20th & Michigan

CONNECTICUT.

BRIDGEPORT—Hubbell W. W. & Co., 886 Main
Toole & Sunderlin, Warner bldg
NEW HAVEN—Alling Wm. H. & Co.
New Haven Rigging Co.
Waterhouse Charles R., Jr., 74 Park
NEW LONDON—Davidson Richard C.
Scott T. A. Co.

DELAWARE.

WILMINGTON—Wills F. K. Co.

GEORGIA.

SAVANNAH—Ross P. Sanford (Br. of Jersey City, N. J.), 16 Bryan, E

ILLINOIS.

CHICAGO—Fitzsimmons & Connell Dredge & Dock Co., 10 S La Salle
Great Lakes Dredge & Dock Co., 104 S Michigan av
Kearns T. A. Co., 343 S Dearborn
Raymond Concrete Pile Co., 111 W Monroe
STEWART JAS. & CO. (INC.), Westminster bldg

MAINE.

BANGOR—Spellman James F. & Sons Co.
PORTLAND—Bennett Contracting Corp.
WOOLWICH—Carlton F. W.

MARYLAND.

BALTIMORE—Empire Engineering Co., Munsey bldg.
McLean Contracting Co., ft. E Fort av
Sanford & Brooks Co., Water & Commerce

MASSACHUSETTS.

BOSTON—Ellis W. H. & Son Co., 479 Meridian
Hersey A. A., 362 Border E. B.
Lawler Bros., 16 City sq, Ch's'n
Miller Wm. L., Ch's'm
Norton W. A. Co., 285 Dorchester av
Rendle W. S., E B
CAMBRIDGE—Scully Jno. T. Foundation
GLOUCESTER—Hall Bros.

MICHIGAN.

DETROIT—Candler Dock & Dredge Co., Moffat bldg
Dupuis A. J. Co., Ford bldg
Ginzel John Co., Buhl blk
MARQUETTE—Powell & Mitchell
SAULT SAINTE MARIE—Great Lakes Dredge & Dock Co. (Br. of Chicago, Ill.)

MINNESOTA.

DULUTH—Duluth-Superior Dredging Co.
Great Lakes Dredge & Dock Co. (Br. of Chicago, Ill.)

MISSOURI.

ST. LOUIS—STEWART JAMES & CO., INC., Boatmen's Bank bldg

NEW JERSEY.

ELIZABETH—N. J. Dock & Bridge Bldg. Co., Dix bldg
HACKENSACK—Long F. R.-W. G. Broadhurst Co.
JERSEY CITY—Ross P. S., 277 Washington
Stillman-Delanty-Ferris Co., 26 Exchange pl
LONG BRANCH—Melee Owen J.

NEW YORK.

ALBANY—Dyer Jno., Jr., 6 S Pearl
BUFFALO—Buffalo Dredging Co., Morgan bldg
Burgard Henry P. Co., 1968 Filmore av
CHESLEY, EARL HEIMBACH, INC., 20 Breckenbridge
Empire Engineering Co., ft. Michigan av
Horton D. E. Construction Co., Marine Nat Bank bldg
Lake Erie Dredging Co., Morgan bldg
KINGSTON—Powley Jos. L. Son
NEWBURGH—Parrott Richard
Parrott Wm.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Cronin Barth S. Co., 573 Clinton
Humphreys George, 575 Clinton
Walsh Geo. J., 446 47th
Walsh John D., Inc., 397 Hancock

NEW YORK—continued

Boroughs of Manhattan and Bronx.

NEW YORK—Empire Eng. Co., 6 Church
Foundation Co. (Engineers & Contractors, Concrete Piles & Steel & Wooden Sheetings), 233 B'way.
General Contracting & Engineering Co., 29 B'way
Hazell A. M., Inc., 26 Cortlandt
Hood R. H. Co., 111 B'way
Jenks Edward B. Co., 143 Liberty
McMULLEN ARTHUR CO., 149 B'way.
Monks John & Son, 82 Beaver
N. Y. Submarine Contracting Co., 130 Pearl
Phoenix Construction Co., 41 Park Row
RAYMOND CONCRETE PILE CO. (Concrete), 140 Cedar
Rhodes & Manvel, 90 West
Riverside Contracting Co., 39 Cortlandt
Rogers Geo W. & Co., 29 B'way
Rolf Bernard, 39 Cortlandt
Spearin & George B., 90 West
Spooner Allen N. & Son, Pier 11, N. R.
STEWART JAS. & CO. (INC.), 30 Church
Tilley Harry H., 258 E 138th

Borough of Queens.

LONG ISLAND CITY—Degnon Contracting Co., 68 Hunters Pt. av

Borough of Richmond.

PORT RICHMOND—Conklin Bros., 2080 Richmond ter

OHIO.

CLEVELAND—American Construction Co. (Also Intake Pipes, Outlet Sewers, & Breakwater Works), Rockefeller bldg
Cleveland Dock Engineering Co., Citizens bldg
Fath Construction Co., 5103 Euclid av
liamson bldg (Br. of Chicago, ill.)
Great Lakes Dredge & Dock Co., Wil-
Hunkin-Conkey Construction Co., Cuyahoga bldg
Strong C. H. & Son, Swetland bldg

PENNSYLVANIA.

PHILADELPHIA—American Dredging Co., Mariner & Merchant bldg
Armstrong & Latta Co., Land Title bldg
Brenneman J. E., 1523 S Front
PITTSBURGH—Cummings Structural Concrete Co. (Concrete), Benedum Trees bldg
Enterprise Contracting Co., Bessemer bldg
Pihl & Miller, Wabash bldg

RHODE ISLAND.

PROVIDENCE—Stender Frank C. & Co., 86 Weybosset

UTAH.

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NORFOLK—Murray W. D. & Co.
Sanford & Brooks Co.
PORTSMOUTH—Cross E. & Son Co.
URBANNA—Wagenen L. B.

WASHINGTON.

EVERETT—American Pile Driving Co. (Pile Driving)
PORT TOWNSEND—Port Townsend Pile Driving Co.
SEATTLE—Geske C. & Co., Inc.
McEachern J. A. Co. (Also Pile Driving)
TACOMA—Burgeson C. F.
Rutherford D. W.

WISCONSIN.

GREEN BAY—Greiling Bros. Co.
MILWAUKEE—Gillen Edw. E. Co., Wells bldg
SUPERIOR—Whitney Bros. Co.

3867—Doctors & Feeds (Calender)

Dillon Machine Co., Lawrence, Mass.

3868-9— Dogs (Bench)

Stortz John & Son, 210 Vine, Phila., Pa.

3870— Dogs (Chain)

Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Nixdorff-Krein Mfg. Co., 900 Howard, St. Louis, Mo.

3870a—* Dogs (Clamp)

See also Dogs, Lathe
Williams J. H. & Co. ("Vulcan" Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

3871— Dogs (Die)

Billings & Spencer Co. (Drop Forged), Hartford, Conn.

3872— Dogs (Lathe)

Armstrong Bros. Tool Co. ("Armstrong"), 339 N Francisco av, Chicago, Ill.
Besly Chas. H. & Co. (Heavy Steel), 120 N Clinton, Chicago, Ill.
Billings & Spencer Co. (Drop Forged Safety), Hartford, Conn.
BONNEY VISE & TOOL WORKS ("Indispensable" Light & Heavy Steel and Safety), Allentown, Pa.
See adv index at end of book
Channon Jas. H. Mfg Co., 227 W Erie, Chicago, Ill.
Chester Steel Castings Co., Chester, Pa.
Fowler Lamp & Mfg. Co. ("Fowler" Adjustable Center Crankshaft), 59 E 24th, Chicago, Ill.
Harris Samuel & Co. ("Harris"), 114 N Clinton, Chicago, Ill.
Hill M. B. Mfg. Co., Worcester, Mass.
LE COUNT WM. G., South Norwalk, Conn.
See adv index at end of book
Michaud Elmer J., Willimantic, Conn.
Mark Mfg. Co., Evanston, Ill.
O. K. Tool Holder Co. ("O. K."), Shelton, Conn.
Oneida National Chuck Co., Oneida, N. Y.
Page Storms Drop Forge Co. (Drop Forged), Chicopee, Mass.
Ready Tool Co. ("Hill"), Bridgeport, Conn.
Union Tool Co. ("Hill" Drop Forged), Orange, Mass.
West Steel Castings Co., Cleveland, O.
Williams J. H. & Co. ("Vulcan" Safety Drop Forged), 31 Richards, Brooklyn, N. Y.
Yost G. M. Mfg. Co., Meadville, Pa.

3873—Dogs (Milling Machine)

Irvington Mfg. Co., Irvington, N. J.
Ready Tool Co. ("Ready" Compensating), Bridgeport, Conn.
Williams J. H. & Co. ("Vulcan" Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

3874— Dogs (Pinch)

(For Foundry Use)

Cleveland Galvanizing Works Co., 3924 Cooper av, Cleveland, O.
Diamond Clamp & Flask Co., Richmond, Ind.
Johnson Wm. (Hedenberg Works), Newark, N. J.
Shanafelt Mfg. Co., Canton, O.
Timmis & Clissold, Bound Brook, N. J.
Wellman Pattern Supply Co., Cleveland, O.

3875—Dogs (Rafting & Lumber)

American Logging Tool Co., Evart, Mich.
Anderson Forge & Machine Co., Detroit, Mich.
Bethlehem Steel Co., So Bethlehem, Pa.
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa
McKay Jas. Co., Pittsburgh, Pa.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Nixdorff-Krein Mfg. Co., 900 Howard, St. Louis, Mo.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
Ransome Leach Co., 115 B'way, New York
Warren Axe & Tool Co., Warren, Pa.

Dogs (Ring)

See Dogs, Rafting & Lumber

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General Offices:
31 Richards Street, Brooklyn, N. Y

3876-7— Dogs (Saw Mill)

American Saw Mill Machinery Co. ("American" Giant Duplex & "Knight's"), Hackettstown, N. J.
Atkins E. C. & Co., Indianapolis, Ind.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Diamond Iron Works ("Diamond & Dittenbenner"), 2nd & 18th av, N Minneapolis, Minn.
Farquhar A. B. Co. (Ltd.), York, Pa.
Filer & Stowell Co., Milwaukee, Wis.
Frick Co., Waynesboro, Pa.
Garland M. Co. (Double Grip), Bay City, Mich.
Henderson W. K. Iron Works & Supply Co., Shreveport, La.
Hinds Thos. Co., Malone, N. Y.
Howell R. R. & Co., 31st av, Minneapolis, Minn.
Knight Mfg. Co., Canton, O.
Lane Mfg. Co., Montpelier, Vt.
Lippert E. T. Saw Co., Millvale, Pa.
Peavey Mfg. Co. ("Peavey"), Bangor, Me.
Phoenix Mfg. Co., Eau Claire, Wis.
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
Sinker-Davis Co., Indianapolis, Ind.
Soule Steam Feed Works, Meridian, Miss.
Southern Engine & Boiler Works, Jackson, Tenn.
Standard Saw Mill Machinery Co., Erie, Pa.
Stearns Co., Erie, Pa.
Wheland Co., Chattanooga, Tenn.

Dogs (Timber)

See Dogs, Rafting & Lumber

3878— Doilies (Paper)

Am. Lace Paper Co., 409 3rd, Milwaukee, Wis.
Dennison Mfg. Co., 15 John, New York
Embree Co., Buena Vista, Va.
Japanese Tissue Mills (Paper), Holyoke, Mass.
Milwaukee Lace Paper Co. ("Peerless"), 350 Lee, Milwaukee, Wis.
Royal Lace Paper Wks., 842 Lorimer, B'klyn, N. Y.

3879—Dollies (Bridge Builders')

Stanley Rule & Level Co. (Atha Div.), New Britain, Conn.

3880— Dollies (Lumber)

Buffalo Hoist & Derrick Co., 131 Erie, Buffalo, N. Y.
See adv index at end of book
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Clark J. R. Co., 2nd av N & Aldrich, Minneapolis, Minn.
Dobbie Foundry & Machine Co., Main Office & Works, Niagara Falls, N. Y.
FAIRBANKS CO., 416 Broome, New York
For branch houses see Alphabetical Section
Gerlach Peter Co., 1712 Winter, Cleveland, O.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lansing Co., Lansing, Mich.
Payne & Joubert Mach. & Fdry Co., Howard & Euphrosine, New Orleans, La.
Ransome Leach Co., 115 B'way, New York
Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill. *See adv index at end of book*
Soule Steam Feed Works, Meridian, Miss.
Western Wheel Barrow Mfg. Co., South Fort Smith, Ark.

3881— Dollies (Riveting)

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.

3882—Dollies (Tinners' & Roofers')

Emrich Phil., 824 Main, Cincinnati, O.

Dollies (Timber)

See Dollies, Lumber

3883— Door Bumpers

Andrews Mfg. Co. (Base Knobs), 413 Commerce, Phila., Pa.
Champion Hardware Co. ("Champion" Metallic), Geneva, O.
Columbus Brass Co., 538 Dublin, av, Columbus, O.
See adv index at end of book
Diehl Novelty Co. ("Walds"), Glenbeulah, Wis.
Elastic Tip Co., 370 Atlantic av, Boston, Mass.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Gallup Ruffing Handle Co. (Wood), Norwalk, O.
Griffin Mfg. Co., Erie, Pa.
Hart Sash Holder Co. (Automatic Bumper & Holder), Lexington, Mo.
Lawrence Bros., Sterling, Ill.
Penn Hardware Co., Reading, Pa.
S. & I. Co (Ash, Birch & Maple), Springfield, Mass.
Shelby Spring Hinge Co., (Also Screen Doors), Shelby, O.
Stephenson Mfg. Co. (Wood), South Bend, Ind.
STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Windham Handle Co., South Windham, Conn.

3884-5—Door Check & Spring Mfrs.

See also Springs, Door

Automatic Door Catch Co. ("Little Tiger" Automatic), Harvey, Ill.
Banker Mfg. Co. ("Invisible"), New Brunswick, N. J.
Barnett Oscar Foundry Co. ("Barnett Pneumatic"), Lyons av, Newark, N. J.
Bayer Gardner-Himes Co. ("Awl-In-One" Checking Spring Hinge), 101 Park av, New York
Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.
Caldwell Mfg. Co. (Checks, "Dime," "Caldwell"), Rochester, N. Y.
Corbin P. & F., New Britain, Conn.
Dunn Mfg. Co., Mankato, Minn.
Morgan Spring Co. ("Perfection"), Worcester, Mass.
See adv index at end of book
Norton Door Check Co., 904 W Lake, Chicago, Ill.
Pullman Mfg. Co. (Door Checks, "Pullman"), Rochester, N. Y.
Reading Hardware Co. ("Reading"), Reading, Pa.
Rixson Oscar C. Co. ("Rixson" Liquid, Single & Double Acting), 501 S Jefferson, Chicago, Ill.
Russell & Erwin Mfg. Co. ("Russwin" Liquid), New Britain, Conn.
Sargent & Co. ("Sargent", Liquid, "Eclipse"), New Haven, Conn.
Stanley Works ("Perfect"), New Britain, Conn. *See adv index at end of book*
Stronach Door Check Co., 618 S Canal, Chicago, Ill.
Upson Nut Co., Cleveland, O.
Worcester Mfg. Co. ("Blount Improved"), Worcester, Mass.
Yale & Towne Mfg. Co. 9 E 40th, New York

3886—Door Frames (Wrought Iron, Welded Corners)

Braun J. G., 609 S Paulina, Chicago, Ill.

3887— Door Hangers

Allith-Prouty Co. ("Reliable," Ball & Roller Bearing), Danville, Ill.
Bridgeport Hardware Mfg. Corp. ("Perfect"), Bridgeport, Conn.
Burkhardt John (Bronze), 531 W 55th, New York
Chisholm-Moore Mfg. Co., 5046 Lakeside, Cleveland, O.
COBURN TROLLEY TRACK MFG. CO. (Sliding), P. O. Box 721, Holyoke, Mass.
Coleman Hardware Co. (Barn), 122 S Michigan av, Chicago, Ill.
Diamond Door Hanger Co. ("Diamond" Tubular Ball Bearing), 28 Rodney, Brooklyn, New York
Dix Mfg. Co. ("Dix" Noiseless), Eager & Fallsway, Baltimore, Md.
Frantz Mfg. Co., Sterling, Ill.
Griffin Mfg. Co., Erie, Pa.
Harris & Reed (Ball Bearing), 1500 W 15th, Chicago, Ill.
Hunt, Helm, Ferris & Co. ("Cannon Ball"), Harvard, Ill.
Lane Bros. Co. (Auditorium, Barn, Fire, Garage, Parlour, Warehouse, etc.), Poughkeepsie, N. Y.
Lawrence Bros. (General), Sterling, Ill.
Louden Machinery Co., Fairfield, Ia.
McCabe Hanger Mfg. Co. ("McCabe" Ball-Bearing & Tubular), 425 W 25th, New York
McKinney Mfg. Co. (Barn Door), N S, Pittsburgh, Pa.
Martin S. B. ("Martin's"), Dalton, O.
MYERS F. E. & BRO. (Giant Tubular, Stayon Sure Grip, O. K.), 800 Orange, Ashland, O. *See adv index at end of book*
National Mfg. Co. ("Silent"), Sterling, Ill.
National Mill & Lumber Co. ("Pitcher"), 5th & Bryant, San Francisco, Cal.
National Supply & Mfg. Co. ("National"), 2362 Palm, St. Louis, Mo.
Newhall Henry B., 89 West, New York
Pacific Tank & Pipe Co., 318 Market, San Francisco, Cal.
Penn Hardware Co., Reading, Pa.
Porter J. E. Co., Ottawa, Ill.
Reading Hardware Co., Reading, Pa.
Richards-Wilcox Mfg. Co. (Residence, Flats, Apartments, "Hero," "Palace," "LeRoy," "Royal," "Advance," "Rambler," "Simplex," "Model," "Champion"), Aurora, Ill.
Richey, Browne & Donald (Crescent), Flushing av, Maspeth, New York
Richmond Safety Gate Co., Richmond, Ind.
Safety Door Hanger Co. ("World's Best," "Red Rib" & "Wizard" Adjustable), Ashland, O.
St. Louis Car Co. (Adjustable), 8000 N B'way, St. Louis, Mo.
Sharon Hardware Mfg. Co. ("Sharon") No. 75 Storm Proof), Sharon, Pa.
Strickler Hay Tool Co. ("Strickler"), Janesville, Wis.
Stowell Co., The ("Wilbern Adjustable," "Ajax Hinged"), South Milwaukee, Wis.
Swett A. L. Iron Works, Medina, N. Y.
Victor Mfg. Co. ("Victor"), Newburyport, Mass.
Wagner Mfg. Co. ("Wagner Leader"), Cedar Falls, Ia.
Whitaker Mfg. Co. ("Whitaker"), 409 S Green, Chicago, Ill.
Wrightsville Hdwre. Co., Wrightsville, Pa.

3888—Door Hangers (Accordion or Folding)

Allith-Prouty Co. ("Allith"), Danville, Ill.
McCabe Hanger Mfg. Co. ("McCabe"), 425 W 25th, New York
Ogden J. Edward Co., 147 Cedar, New York

3889—Door Hangers (Adjustable)

MYERS F. E. & BRO., 800 Orange, Ashland, Ohio
See adv index at end of book
St. Louis Car Co. (Car), 8000 N B'way, St. Louis, Mo.

3890—Door Hangers (Auditorium)

COBURN TROLLEY TRACK MFG. CO. (Sliding), P. O. Box 721, Holyoke, Mass.
Lane Bros. Co., Poughkeepsie, N. Y.
Richards-Wilcox Mfg. Co. ("Richards" Folding), Aurora, Ill.
Sharon Hardware Mfg. Co., Sharon, Pa.

3891—Door Hangers (Barn or Warehouse)

Allith-Prouty Co. ("Allith" & "Reliable," Roller Bearing), Danville, Ill.
Arnold Co. ("Arnold," "Best," "Boss," "Duplex," etc), Norwalk, Conn.
Aurora Door Hanger & Specialty Co., Aurora, Ill.
Chisholm - Moore Mfg. Co. (Warehouse Only), 5046 Lakeside, Cleveland, Ohio
COBURN TROLLEY TRACK MFG. CO. ("Coburn"), P. O. Box 721, Holyoke, Mass.
Cronk & Carrier Mfg. Co. (Steel Roller Bearings & Loose Axle), Elmira, N. Y.
Frantz Mfg. Co. ("Glide"), Sterling, Ill.
Griffin Mfg. Co. ("American"), Erie, Pa.
Hunt, Helm, Ferris & Co. ("Star," "U. S.," "Giant," "Knoxall," "20th Century," Plain & Ball Bearing, Harvard, Ill.
Hurst H. L. Mfg. Co.
Lane Bros Co., Poughkeepsie, N. Y.
Lawrence Bros. ("Lawrence" Trolley, "Cyclone," "Clipper," "Union," "New Giant," "King Bee," "Cleveland," "Century," "Hummer," "Peerless," "Sterling," "Electric," also Parlor Door), Sterling, Ill.

DOOR HANGERS (Barn or Warehse)—ctd
Louden Machinery Co. ("Louden," "Royal"), Fairfield, Ia.
McCabe Hanger Mfg. Co. ("McCabe" Ball-Bearing, etc), 425 W 25th, New York
McKinney Mfg. Co. ("Keystone"), N. S., Pittsburgh, Pa.
Martin S. B. ("Martin Wonder," "Bird," "Channel"), Dalton, O.
MYERS F. E. & BRO. ("Faultless" "Myers' Adjustable Tandem," "O. K." & "Stayon" Flexible, "Sure Grip" Flexible, "Sure Grip" Tandem Flexible, 'Sure Grip" Adjustable Tandem, "O. K. Adjustable," "New Way" Tubular, & 'Giant" Tubular), 800 Orange, Ashland, O.
See adv index at end of book
National Mfg. Co. ("National," "Big 4," "Stormproof," "National"), Sterling, Ill.
Newhall Henry B., 89 West, New York
Ney Mfg. Co., Canton, O.
Ogden J. Edward Co., 147 Cedar, New York
Penn Hardware Co., Reading, Pa.
Porter J. E. Co. ("Tonado," "Whirlwind," "Can'tgetoff" & "Porter's"), Ottawa, Ill.
Reading Hardware Co., Reading, Pa.
Richards-Wilcox Mfg. Co. ("Richards," Ball Bearing, "Acme," "Ajax," "Duplex," "Everson," "Gem," "Richards Boss," "Richard Peerless," "King," "Samson," "Standard," "Superior," "Sure-On," "U. S.," "Victor," "World," "Expansion," "Jumbo," "Hercules," "New Jap," "Nero," "Erie," "L. T.," "O. K.," "Wilcox," "Wilcox-Tandem," "Wilcox Stay-on," "Wilcox World Wide" Roller Bearings), Aurora, Ill.
Richey, Browne & Donald ("Crescent"), Flushing av, Maspeth, New York
Richmond Safety Gate Co., Richmond, Ind.
Safety Door Hanger Co. ("Safety," "Storm King," "World's Best," "U. S. Standard," "Wizard Adjustable," "Red-Rib"), Ashland, O.
Sargent & Co., New Haven, Conn.
Sharon Hardware Mfg. Co. ("Sharon Trolley," "Common," "Big Ben," No. 75 Storm Proof), Sharon, Pa.
Souther E. E. Iron Co. ("Run Easy"), Klenlin & Hamburger, St. Louis, Mo.
Stowell Co., The ("Ajax," "Wilbern," "Wilbern Adjustable"), So Milwaukee, Wis.
Strickler Hay Tool Co. ("Strickler"), Janesville, Wis.
Swett A. L. Iron Works ("Pilot"), Medina, N. Y.
Swineford G. A. Co. ("Hinge-Stay-On"), Canton, O.
Taylor & Boggis Foundry Co., Cleveland, O.
Victor Mfg. Co. ("Victor"), Newburyport, Mass.
Wagner Mfg. Co. ("Wagner Leader"), Cedar Falls, Ia.
Whitaker Mfg. Co. ("Whitaker"), 409 S Green, Chicago, Ill.
Wrightsville Hardware Co., Wrightsville, Pa.

3892— Door Hangers (Car)

Chisholm-Moore Mfg. Co. ("Moore's Baggage Door"), 5046 Lakeside, Cleveland, O.
Jones Car Door Co., Monadnock blk, Chicago, Ill.
McCabe Hanger Mfg. Co. ("McCabe" Ball-Bearing, etc), 425 W 25th, New York
Newhall Henry B., 89 West, New York
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Stowell Co., The ("Stowell," "Wilbern Adjustable," "Moore"), So Milwaukee, Wis.

3893—Door Hangers (Elevator)

Chisholm-Moore Mfg. Co. ("Moore's," Anti-Friction Roller Bearing), 5046 Lakeside, Cleveland, O.
Grant Pulley & Hardware Co. ("Diamond"), 101 Park av, New York
McCabe Hanger Mfg. Co. ("McCabe" Ball-Bearing, etc), 425 W 25th, New York
MYERS F. E. & BRO., 800 Orange, Ashland, O. *See adv index at end of book*
Newhall Henry B., 89 West, New York
Richards-Wilcox Mfg. Co. ("Ideal," "Invincible" Ball & Roller Bearing), Aurora, Ill.
Richmond Safety Gate Co., Richmond, Ind.
SMITH F. P. WIRE & IRON WORKS 3340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Stowell Co., The ("Wilbern Adjustable" Loose Axle & Roller Bearing), S. Milwaukee, Wis.

3894— Door Hangers (Fire)

Allith-Prouty Co. ("Allith & Prouty," "Lane" Roller Bearing), Danville, Ill.
Aurora Door Hanger & Specialty Co., Aurora, Ill.
Brewer Bros. Co. (Sliding), 614 Filbert, Phila., Pa.
California Fire Proof Door Co. ("Wilcox"), Los Angeles, Cal.
Cherry W. A., New Call bldg, San Francisco, Cal.
Lane Bros. Co., Poughkeepsie, N. Y.
McCabe Hanger Mfg. Co. ("McCabe" Ball-Bearing, etc), 425 W 25th, New York
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
MYERS F. E. & BRO., 800 Orange, Ashland, O. *See adv index at end of book*
Newhall Henry B., 89 West, New York
Peters Jas. & Son (Sliding), 1934 N Front, Phila., Pa.
Richards-Wilcox Mfg. Co. (Roller Bearing, also Fixtures), Aurora, Ill.
Richmond Safety Gate Co., Richmond, Ind.
Stowell Co., The ("Wilbern Adjustable," "Underwriters"), S Milwaukee, Wis.
Victor Mfg. Co. ("Victor"), Newburyport, Mass.

Door Hangers (Garage)

See Hangers, Garage Door

3894a—Door Hangers (No-Track-Sliding)

COBURN TROLLEY TRACK MFG. CO. ("Coburn"), P. O. Box 721, Holyoke, Mass.

3895—Door Hangers (Parlor)

Allith-Prouty Co. (Ball Bearing, "Reliable)," Danville, Ill.
Aurora Door Hanger & Specialty Co., Aurora, Ill.
COBURN TROLLEY TRACK MFG. CO. (Sliding), P. O. Box 721, Holyoke, Mass.
Dix Mfg. Co. ("Dix" Noiseless), Eager & Fallsway, Baltimore, Md.
Hunt, Helm, Ferris & Co. ("Cannon Ball," Roller Bearing), Harvard, Ill.
Lane Bros. Co. ("Lanes Standard"), Poughkeepsie, N. Y.
Lawrence Bros. ("Easy," "Lawrence," "Cyclone," "City," Accordion New Electric Six), Sterling, Ill.
Luitink & Sons Mfg. Co., 775 18th, Milwaukee, Wis.
McCabe Hanger Mfg. Co. ("McCabe" Ball-Bearing, etc.), 425 W 25th, New York
National Mfg. Co. ("Silent"), Sterling, Ill.
National Supply & Mfg. Co. ("National"), 2362 Palm, St. Louis, Mo.
Newhall Henry B., 89 West, New York
Richards-Wilcox Mfg. Co. (Trolley, Ball & Roller Bearing, etc.), Aurora, Ill.
Richey, Browne & Donald (Crescent), Flushing av, Maspeth, New York
Sharon Hardware Mfg. Co. ("Sharon"), Sharon, Pa.
Wagner Mfg. Co. ("Wagner Leader"), Cedar Falls, Ia.

3896—Door Hangers (Sliding or Folding)

Allith-Prouty Co. ("Reliable"), Danville, Ill.
Griffin Mfg. Co., Erie, Pa.
Lane Bros. Co., Poughkeepsie, N. Y.
McCabe Hanger Mfg. Co. (Ball-Bearing & Tubular), 425 W 25th, New York
MYERS F. E. & BRO. (Giant Tubular & Stayon), 800 Orange, Ashland, O.
See adv index at end of book
Newhall Henry B., 89 West, New York
Ogden J. Edward Co., 147 Cedar, New York
Pacific Tank & Pipe Co. ("Pitcher" Sliding), 318 Market, San Francisco, Cal.
Richey, Browne & Donald (Crescent), Flushing av, Maspeth, New York
Richmond Safety Gate Co., Richmond, Ind.
Sharon Hardware Mfg. Co., Sharon, Pa.

3897—Door Hangers (Trolley Track)

Allith-Prouty Co., Danville, Ill.
Aurora Door Hanger & Specialty Co., Aurora, Ill.
Frantz Mfg. Co. ("Glide"), Sterling, Ill.
MYERS F. E. & BRO., 800 Orange, Ashland, O. *See adv index at end of book*
Newhall Henry B., 89 West, New York
Richards-Wilcox Mfg. Co., Aurora, Ill.
Sharon Hardware Mfg. Co. ("Penn," "Flying Dutchman," "B. B." "Sharon"), Sharon, Pa.
Wagner Mfg. Co. ("Wagner Leader"), Cedar Falls, Ia.

3898— *Door Holders

See also Door Stops

Bolles Wm. B., P O Box 600, Milwaukee, Wis. *See adv index at end of book*
Brainerd Mfg. Co., East Rochester, N. Y.
CHAMPION HARDWARE CO. ("Champion"), Geneva, O.
Griffin Mfg. Co. (Garage), Erie, Pa.
Neal B. B. Hardware Co. ("Minn"), 117 Leonard, New York
STANLEY WORKS, (Garage Wrought Steel), New Britain, Conn.
See adv index at end of book

3899—Door Jambs (Drawn Steel)

Braun J. G., 609 S. Paulina, Chicago, Ill.
Mesker Bros. Iron Co. (Drawn), 421 S 6th, St. Louis, Mo.
Zahner Metal Sash & Door Co., Canton, O.

3900—Door Knobs (Brass & Bronze)

Art Hardware & Mfg. Co., Seattle, Wash.
Barrows Lock Co., Lockport, Ill.
Corbin P. & F., New Britain, Conn.
Pacific Hardware Mfg. Co., Los Angeles, Cal.
Sager Lock Co., North Chicago, Ill.
Sargent & Co., New Haven, Conn.
Schroder J. B. & Co. 133 E 5th, Cincinnati, O.

Door Knobs (Common)

See Locks & Knobs

Door Knobs (Glass)

See Knobs, Glass

Door Knobs (Porcelain)

See Knobs, Porcelain

3901—Door Knobs (Screwless)

Corbin P. & F., New Britain, Conn.
Mousley's Chas. Sons, 457 N 12th, Phila., Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co. (All Kinds), New Haven, Conn.

Door Knobs (Wood)

See Knobs, Wood

3902—Door Knockers (Colonial)

Boston Brass Andiron Co., 104 Utica, Boston, Mass.
Elm City Brass & Rivet Co., Plainville, Conn.
Penn Hardware Co., Reading, Pa.
Safe Padlock & Hardware Co., Lancaster, Pa.
Sargent & Co., New Haven, Conn.
Stover Mfg. Co., Freeport, Ill.

3903—Door Openers (Electric)

Bunnell J. H. & Co., 32 Park pl, New York
Corbin P. & F., New Britain, Conn.
Edwards & Co., Exterior av & 140th, New York
Keil Francis & Son, 401 E 163d, New York
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
Mueller M., 18 Devonshire, Boston, Mass.
Ostrander W. R. & Co., 371 B'way, New York
Partrick & Wilkins Co., 51 No 7th, Phila., Pa.
Richards-Wilcox Mfg. Co. (Garage Doors & Closers), Aurora, Ill.
Schneider John S., Ridgefield, Conn.
Standard Lock Co. ("Champion"), 113 Himrod, Brooklyn, N. Y.
Wilhelm Henry, 70 Frost, Brooklyn, N. Y.

3904—Door Opening & Closing Device (Pneumatic)

Consolidated Car Heating Co. (For Cars), Albany, N. Y.
National Pneumatic Co., Inc., 50 Church, New York

3905—Door Opening & Closing Device (Refrigerator Car)

Elevator Supplies Co., Inc., Hoboken, N. J.

3906— Door Stops

Aurora Door Hanger & Specialty Co., Aurora, Ill.
Bogert & Hopper (Wooden), 67 Barclay, New York
Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.
Brainerd Mfg. Co., East Rochester, N. Y.
Brohard Co. ("Brohard" Holders), 3rd & Lehigh, Phila., Pa.
Caldwell Mfg. Co. ("The Empire" & "Caldwell" Door Holder), Rochester, N. Y.
Champion Hardware Co. ("Champion" Floor), Geneva, O.
Chapin-Stephens Co., Pine Meadow, Conn.
Columbus Brass Co, 538 Dublin av, Columbus, O. *See adv index at end of book*
Corbin P. & F., New Britain, Conn.
Dent Hardware Co. (Stops & Holders), Fullerton, Pa.
Detroit Shipbuilding Co. (Brass Dept.), Detroit, Mich.
Enterprise Hardware Mfg. Co., Frederick, Md.
Estes E. B. & Sons, 364 5th av (Wood), New York. *See adv index at end of book*
Farrington Mfg. Co. (Also Holders), 23 Vale, Boston, Mass.
Gallup Ruffing Handle Co., Norwalk, O.
Griffin Mfg. Co. (Garage Door Holder), Erie, Pa.
Hardware Supply Co., Grand Rapids, Mich.
Highton Wm. & Sons Co., Nashua, N. H.
Hubley Mfg. Co. (Fancy), Lancaster, Pa.
Ives H. B. Co., New Haven, Conn.
Judd R. D., New Britain, Conn.
National Mfg. Co. (Door Holder), Sterling, Ill.
North Wales Machine Co. ("North Wales" Door Holder), North Wales, Pa.
Norwalk Lock Co., South Norwalk, Conn.
Payson Mfg. Co., 2918 W Jackson blvd, Chicago, Ill.
Penn Hardware Co., Reading, Pa.
Piqua Handle & Mfg. Co. (Wood), P. O. Box 307, Piqua, O.
Racine Metal Stamping Co. (Also Holders), Racine, Wis.
Reading Hardware Co., Reading, Pa.
Rixson Oscar C. Co. ("Rixson" Floor Check), 501 S Jefferson, Chicago, Ill.
Rostand Mfg. Co. ("Rostand" Brass & Iron), Milford, Conn.
Russell & Erwin Mfg. Co. ("Russwin"), New Britain, Conn.
Sargent & Co. (Door Holders), New Haven, Conn.
Shelby Spring Hinge Co. (Door Holders for Garage Doors), Shelby, O.
STANLEY WORKS (Wrought Steel Door Holder), New Britain, Conn.
See adv index at end of book
Sterling Foundry Co. (Automatic Door Holder), Sterling, Ill.
STILES H. A. & CO. ("Hasco" Brand Base Knobs), 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Strock L. W. & Co. (Wood), Bethlehem, Pa.
Superior Spring Hinge Co. ("Superior" Door Holder), 136 W Lake, Chicago, Ill.
Union Hardware Co., Torrington, Conn.
Weber-Knapp Co., Jamestown, N. Y.
Yale & Towne Mfg. Co., 9 E 40th, New York

3907— *Doors (Art Metal)

See also Bronze Doors; also Doors, Metal Entrance
INTERIOR METAL MFG. CO., Jamestown, N. Y. *See adv index at end of book*

3908— Doors (Asbestos)

See also Asbestos Building Lumber
Alignum Fireproof Products Co., 42 Whitehall, New York

3909— Doors (Ash-Pit)

Adams Co., Dubuque, Ia.
American Scale Co., Kansas City, Mo.
Bayley Wm. Co., Springfield, O.
Bolles J. E Iron & Wire Works, 4th & Porter, Detroit, Mich
Burr Co., Champaign, Ill.
Canton Foundry & Machine Co., Canton, O.
Chattanooga Implement & Mfg. Co., Chattanooga, Tenn.
Chattanooga Roofing & Fdry. Co., Chattanooga, Tenn.
Covert H. W. Co., 351 Lexington av, New York
Creswell Samuel J. Iron Works, 23d & Cherry, Phila., Pa.
Donaldson Bros., Mount Clemens, Mich.
Donley Bros. Co. (The), 3625 E 74th, Cleveland, O. *See adv index at end of book*
Gehl Bros. Mfg. Co., West Bend, Wis.

Hollow Steel Doors

METAL PARTITIONS

ELEVATOR CABS AND DOORS

QUALITY SERVICE INTERIOR HOLLOW METAL PRODUCTS INTERIOR METAL MFG. CO. JAMESTOWN

BRONZE DOORS

METAL BUILDING TRIM

Interior Metal Manufacturing Co.

JAMESTOWN, N. Y.

DAHLSTROM METALLIC DOOR CO.

PIONEERS AND ORIGINATORS OF HOLLOW METAL DOORS AND INTERIOR TRIM

For typical installation see

STATLER HOTEL	DETROIT, MICH.
SINGER BUILDING	NEW YORK CITY
GUARDIAN BANK BUILDING	CLEVELAND, O.
HAMILTON COUNTY COURT HOUSE	CINCINNATI, O.
CONSOLIDATED GAS BUILDING	NEW YORK CITY
L. C. SMITH BUILDING	SEATTLE, WASH.
UNDERWRITERS LABORATORIES	CHICAGO, ILL.

DAHLSTROM METALLIC DOOR CO.

Executive Offices and Factories

35 BLACKSTONE AVENUE, JAMESTOWN, N. Y

AGENCIES IN ALL PRINCIPAL CITIES

DOORS (ASH PIT)—continued

Glascock Stove & Mfg. Co., Greensboro, N. C.

Hastings Foundry & Iron Works, Hastings, Neb.

JACKSON EDWIN A. & BRO., INC., 50 Beekman, New York.
See adv index at end of book

Jardine Walter S. & Co. (Fireplace), 155 Forest, Arlington Heights, Mass.

Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.

Littleford Bros., 444 E Pearl, Cincinnati, O.

Loetscher-Ryan Mfg. Co., Dubuque, Ia.

Lucas A. & Sons (Wrought Steel), 1329 S Washington, Peoria, Ill.

Majestic Co. ("Majestic"), Huntington, Ind.

Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.

Mostberger Iron Co., 878 S. Division, Buffalo, N. Y.

Quinn Wire & Iron Co., Boone, Ia.

Republic Mfg. Co., Milwaukee, Wis.

Republic Structural Iron Wks. Co., 1350 E 53rd, Cleveland, O.

Roanoke Iron & Bridge Wks., Inc., Roanoke, Va.

Rock Island Mfg. Co., Rock Island, Ill.

Rohns Albert & Co., Detroit, Mich.

St. Louis Wire & Iron Co., St. Louis, Mo.

ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book

SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book

Sperry D. R. & Co., Batavia, Ill.

Stowell Co., The (also Flue), So Milwaukee, Wis.

Swett A. L. Iron Works, Medina, N. Y.

Western Iron & Foundry Co., Wichita, Kan.

3910— Doors (Bakers' Oven)

Albrecht Francis J. (Automatic with Illuminating Connection), Pittsburgh, Pa.

Dutchess Tool Co., Fishkill on the Hudson, N. Y.

Lucas A. & Sons, 1329 S Washington, Peoria, Ill.

Mills Thos. & Bro., 8th & Thompson, Phila., Pa.

Robson Chas. & Co. ("Vienna" Patent), 8th & Washington av, Phila., Pa.

Sperry D. R. & Co., Batavia, Ill.

Watkins Jas. Y. & Son, 20 Catharine, New York

Western Iron & Foundry Co., Wichita, Kan.

3911— Doors (Balance)

Jackson Wm. H. Company, 2-4-6 W 47th, New York

3912—Doors (Bronze & Iron)

Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book

DAHLSTROM METALLIC DOOR CO. (Hollow Metal), 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book

Ellison Brass Mfg. Co. (Bronze), Jamestown, N. Y.

GORHAM CO. ARCHITECTURAL BRONZE, 5th av & 36th, New York
See adv index at end of book

Halsted Joseph Co., 1233 W Randolph, Chicago, Ill.

INTERIOR METAL MFG. CO., Jamestown, N. Y. *See adv index at end of book*

Jackson Wm. H. Company, 2 W 47th, New York

Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis. Mo.

Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.

SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book

Zahner Metal Sash & Door Co., Canton, O.

3912a—Doors (Bulkhead S. S.)

McNab Co. ("Stones Hydraulic"), Bridgeport, Conn.

3913— Doors (Canopy)

Ogden J. Edward Co., 147 Cedar, New York

3913a— *Doors (Cast & Plate)

GORHAM CO. ARCHITECTURAL BRONZE (Every Description), 5th av, & 36th, New York
See adv index at end of book

3914— Doors (Cellar)

Bolles J. E. Iron & Wire Works, 4th & Porter, Detroit, Mich.

Canton Foundry & Machine Co., Canton, O.

Chattanooga Roofing & Fdry. Co., Chattanooga, Tenn.

Ernst C. K., Buffalo, N. Y.

Halsted Joseph Co., 1233 W Randolph, Chicago, Ill.

Huntington Iron Works (Flush), Huntington, W. Va.

Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.

Littleford Bros., 444 E Pearl, Cincinnati, O.

Lucas A. & Sons ("Flush Top" Wrought Steel), 1329 S Washington, Peoria, Ill.

Mesker Bros. Iron Co., 421 S 6th St. Louis, Mo.

MEYERS FRED. J. MFG. CO. (Steel Patented), Hamilton, O.
See adv index at end of book

Potts Mfg. Co. ("Potts"), Mechanicsburg, Pa.

Remaly Mfg. Co., Tamaqua, Pa.

St. Louis Wire & Iron Co. (Steel), St. Louis, Mo.

Schreiber L. & Sons Co. (Steel Patented), 3869 Ivanhoe, Cincinnati, O.

Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book

3914a— Doors (Chain Screen)

Codd E. J. Co. (For Heat Protection), 700 So. Carolina, Baltimore, Md.

3915— Doors (Cleanout)

COVERT H. W. CO., 351 Lexington av, New York
Republic Structural Iron Wks. Co., 1350 E 53rd, Cleveland, O.
St. Louis Wire & Iron Co., St. Louis, Mo.
Sterling Foundry Co. ("Best"), Sterling, Ill.
Western Iron & Foundry Co., Wichita, Kan.

Doors (Coal Hole)

See Doors, Ash-Pit

Doors (Coiling, Vertical)

See Partitions, Wood Rolling

3916— Doors (Cold Storage)

Brecht Co. (Cork Insulated), 1201 Cass av, St. Louis, Mo.
Gloekler Bernard Co., 1127 Penn av, Pittsburgh, Pa.
Jamison Cold Storage Door Co. ("Jones," "No-Equal"), Hagerstown, Md.
Jones R. E., Hagerstown, Md.
National Refrigerator & Fixture Co., 8th & Park, St. Louis, Mo.
Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn.
See adv index at end of book
Stevens Benj. A. Co., Toledo, O.
Stevenson Cold Storage Door Co. (Air & Fireproof), Chester, Pa.

3917—Doors (Copper Covered)

See also Doors, Fire-Proof, Metal & Metal Covered

Chesley A. C. Co., 275 Rider av, New York
Dowman-Dozier Mfg. Co., Atlanta, Ga.
Empire Art Metal Co., Inc., College Point, L. I., N. Y.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Thorp Fire Proof Door Co. ("Thorp-Richardson"), 1600-1610 Central av, Minneapolis, Minn.
VAILE & YOUNG, 216 No Calvert, Baltimore, Md.

3918—Doors (Crane Runway)

Ogden J. Edward Co., 147 Cedar, New York

3919—Doors (Cypress, Wholesale)

Carr, Ryder & Adams Co., Dubuque Ia.
Curtis Bros. & Co., Clinton, Ia.
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Gordon, Vantine Co., Davenport, Ia.
Goshen Sash & Door Co., Goshen, Ind.
Lutcher & Moore Cypress Lumber Co., Ltd., Lutcher, La.
McClelland T. W. Co. (Wholesale Mfrs.), Davenport, Ia.
Morgan Co., Oshkosh, Wis.
Riggs Cypress Co. (Ltd.), Patterson, La.
Rock Island Sash & Door Works, Rock Island, Ill.
St. Louis Sash & Door Works, B'way & Destrehan, St. Louis, Mo.
Sanders Bros. Mfg. Co., Ottawa, Ill.
Selden Cypress Door Co., Palatka, Fla.
STEARNS A. T. LUMBER CO. (Retail), 100 Taylor, Neponset, Boston, Mass.
See adv index at end of book

3919a—Door (Disappearing)

National Mill & Lumber Co., 5th & Bryant, San Francisco, Cal.

3920— Doors (Drop Fire)

Allith-Prouty Co. ("Reliable" Automatic Self-Closing), Danville, Ill.
Boughton Door Co. (Automatic Self-Closing), 311 Atlantic av, Boston, Mass.
Chattanooga Roofing & Fdry. Co., Chattanooga, Tenn.
Johnson Geo. W. Mfg. Co., 209 W 17th, Kansas City, Mo.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.

3921-2— Doors (Dry Kiln)

American Clay Machinery Co. ("J. W. Penfield & Sons"), S Walnut, Bucyrus, O.
Hussey John R., Indianapolis, Ind.
Johnson Geo. W. Mfg. Co., 209 W 17th, Kansas City, Mo.

3923— *Doors (Elevator)

DAHLSTROM METALLIC DOOR CO., 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book
INTERIOR METAL MFG. CO., Jamestown, N. Y. *See adv index at end of book*

3924—Doors (Elevator, Automatic)

See also Doors, Hatch, Automatic)

Bardsley Bros. Co., 151 Baxter, New York
HANKE IRON & WIRE WORKS ("The Meeker"), 800 No. Albany av, Chicago, Ill. *See adv index at end of book*
Johnson Geo. W. Mfg. Co., St. Louis, Mo.
Kinnear Mfg. Co., Columbus, O.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Reedy H. J. Co. (Standard Styles), 15 W 2d, Cincinnati, O.
Saino Fire Door & Shutter Co., Memphis, Tenn.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, O. *See adv index at end of book*
WARSAW ELEVATOR CO., Warsaw, N. Y., & Dunn bldg, Buffalo, N. Y.
See adv index at end of book

3925—Doors (Elevator, Automatic Fire)

See also Doors & Shutters, Fireproof; also Doors, Fire, Tin Clad

Banner Iron Works, Shaw av & Oak Hill Ry, St. Louis, Mo.
Beckwith Elevator Co., 123 Pearl, Boston, Mass.
Boughton Door Co., 311 Atlantic av, Boston, Mass.
Brodie Wm. H. Co., 38 Park pl, New York
Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
Dentler, Bagger Co., Vicksburg, Mich.
Dowman-Dozier Mfg. Co., Atlanta, Ga.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Empire Art Metal Co., Inc., College Point, L. I., N. Y.
INTERIOR METAL MFG. CO., Jamestown, N. Y. *See adv index at end of book*
Johnson Geo. W. Mfg. Co., 209 W 17th, Kansas City, Mo.
Kinnear Mfg. Co., Columbus, O.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
National Fireproof Sash & Door Co., 449 Stagg, Brooklyn, N. Y.
Peelie Co. ("Peele" Counterbalanced), Stewart av, & Harrison pl., Brooklyn, N. Y.
Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn.
See adv index at end of book
Plocher Andrew Sons Co., Dayton, O.
Reedy H. J. Co., 15 W 2d, Cincinnati, O.
cinnati, O.
Richmond Safety Gate Co., Richmond, Ind.
Rochester Automatic Elevator Door Co. (Fireproof Safety Fire Doors), Rochester, N. Y.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Thorp Fire Proof Door Co. ("Thorp-Richardson"), 1600-1610 Central av, Minneapolis, Minn.
Variety Mfg. Co. ("Cross" Folding), 2958 Carroll av, Chicago, Ill.
Victor Mfg. Co. ("Victor"), Newburyport, Mass.
WARSAW ELEVATOR CO., Warsaw, N. Y., & Dunn bldg, Buffalo, N. Y.
See adv index at end of book
Zahner Metal Sash & Door Co., Canton, O.

3926—*Doors (Elevator, Bronze)

See also Bronze Doors

Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
DAHLSTROM METALLIC DOOR CO. (Bronze & Hollow Metal), 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book
GORHAM CO. ARCH'L BRONZE (Also Brass), 5th av & 36th, New York. Works: Providence, R. I.
See adv index at end of book
INTERIOR METAL MFG. CO., Jamestown, N. Y. *See adv index at end of book*
MEYERS FRED J. MFG. CO., Hamilton, O. *See adv index at end of book*
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
TYLER W. S. CO., Cleveland, O.
See adv index at end of book

3927— Doors (Fir)

Chehalis Fir Door Co., McCleary, Wash.
Pacific Mutual Door Co., Tacoma, Wash.

3928—*Doors (Fire Proof, Hollow Metal)

Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
DAHLSTROM METALLIC DOOR CO., ("Dahlstrom," Patent Construction, Artistically Finished, Absolutely Fireproof, Hollow Metal, Steel, Bronze or Copper), 35 Blackstone av, Jamestown, N. Y., & Consolidated Gas bldg, New York. *See adv index at end of book*

3929—*Doors (Fireproof, Hollow Steel)

Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
DAHLSTROM METALLIC DOOR CO. ("Dahlstrom" Patent Construction, Artistically Finished, Sanitary & Absolutely Fireproof), 35 Blackstone av, Jamestown, N. Y., & Consolidated Gas bldg, New York.
See adv index at end of book
Interior Metal Mfg. Co., Jamestown, N. Y.
See adv index at end of book
Penn Metal Co. ("Penco"), 65 Franklin, Boston, Mass.

3930—Doors (Fire Proof, Metal & Metal Covered)

American Sheet Metal Works, 3427 S Carrollton, New Orleans, La.
Art Metal Construction Co. (Hollow Metal), Jamestown, N. Y.
Art Metal Fire Proof Door & Trim Co., 2732 Wentworth av, Chicago, Ill.
Boughton Door Co., 311 Atlantic av, Boston, Mass.
Buffalo Fire Door Co, 80 Terrace, Buffalo, N Y
Carpenter R. F. Mfg. Co. (Steel Toilet Doors), 978 E 64th, Cleveland, O.
Chesley A. C. Co., 275 Rider av, New York
Cincinnati Mfg. Co. (Hollow Metal, "Underwriters Label" & Metal Covered), Cincinnati, O. *See adv index at end of book*
COBURN TROLLEY TRACK MFG. CO., (Metal Covered), P. O. Box 721, Holyoke, Mass.
Dexter Metal Mfg Co (Cellar Iron), 93 Arch, Camden, N J
Dowman-Dozier Mfg. Co. (Hollow Sheet Metal Panel), Atlanta, Ga.
EDWARDS MFG CO., 545-565 Eggleston av., Cincinnati, O.
See adv index at end of book
Empire Art Metal Co., Inc., College Point, L. I., N. Y.
Grinden Art Metal Co. (Hollow Metal, All Steel, also Bronze or Copper), 427 Marcy av, Brooklyn, N. Y.
Harris S. H. Co. ("Meeker" Metal Covered), 2424 W 22nd, Chicago, Ill.
Herrmann & Grace Co., 671 Bergen, Brooklyn, N. Y.
Howell, Field & Goddard (Metal Covered), Review av, Long Island City, N. Y.
INTERIOR METAL MFG. CO. (Hollow Metal), Jamestown, N. Y.
See adv index at end of book
Johnson Geo. W. Mfg. Co. (Metal Covered), St. Louis, Mo.

DOORS (FIRE PROOF, Etc.)—continued
Kinnear Mfg. Co. ("Ajax," "Abacus" Approved Fire Doors), Columbus, O.
Knisley H. C. Co. (Hollow Metal), 1908 S Western av, Chicago, Ill.
Knoburn Co. (Steel, Filled with Asbestos), Hoboken, N. J.
Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
LEE THOMAS, 129 W 2nd, Cincinnati, O.
McFarland-Hyde Co. (Hollow Metal), 2701 S. 5th av, Chicago, Ill.
Merchant & Evans Co. (Evan "Almetl"), 2035 Washington av, Phila., Pa.
See adv index at end of book
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Norman-Seton, Inc., Winfield, Long Island City, N. Y.
Ogden J. Edward Co., 147 Cedar, New York
Penn. Metal Co. ("Penco"), 65 Franklin, Boston, Mass.

STEEL CURTAINS
Fire Doors and Shutters
PERKINS M'F'G. CO.
ST. PAUL, MINN.

Pruden C. D. Co. (Also Hollow Sheet Metal), Warner & Dock, Baltimore, Md.
Reliance Fireproof Door Co., 47 Milton, Brooklyn, N. Y.
Richmond Safety Gate Co., Richmond, Ind.
Ross R. J. Mfg. Co. ("Meeker" Metal Covered), 4241 Ogden av, Chicago, Ill.
Saino Fire Door & Shutter Co., Memphis, Tenn.
Solar Metal Products Co. (Hollow Metal & Steel), Columbus, Ohio
Sykes Steel Roofing Co. (Hollow Metal), 930 W 19th pl, Chicago, Ill.
Thorp Fire Proof Door Co. ("Thorp-Richardson"), 1600-1610 Central av, Minneapolis, Minn.
Underwriters Hatch Door Co. (Metal Covered), 1741 Walnut, Chicago, Ill.
Van Noorden E. & Co. (Kalameined), 100 Magazine, Boston, Mass.
Voightmann & Co (Hollow Metal), 445 W Erie, Chicago, Ill.
Walker Sheet Metal Co. (Hollow Sheet Metal), Council Bluffs, Ia.
Zahner Metal Sash & Door Co., Canton, O.

3931—*Doors (Fireproof, Revolving)

DAHLSTROM METALLIC DOOR CO., 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book

3932—Doors (Fire, Tin Clad & Sheet Metal)

Akerly Hiram A., 173 Berry, Brooklyn, N. Y.
Albert & Fischer Hdw. & Sheet Metal Co., 2524 S 7th, St. Louis, Mo.
American Sheet Metal Works, 3427 S Carrollton, New Orleans, La.
Bauer's Chas. Sons, 159 William, Buffalo, N. Y.
Biersach & Niedermeyer Co., 220 5th, Milwaukee, Wis.
Bolin Metallic Door Co., Kansas City, Mo.
Burton W. J. Co., Junction & Federal, Detroit, Mich.
Callaghan J. & Son, Cleveland, O.
Christmann Phillip & Sons Co., 858 Virginia, Buffalo, N. Y.
Cleveland Metal Roofing & Ceiling Co., 3105 Detroit av, Cleveland, O.
COBURN TROLLEY TRACK MFG. CO., P. O. Box 721, Holyoke, Mass.
Consolidated Sheet Metal Works Co., 661 Hubbard, Milwaukee, Wis.
Dowman-Dozier Mfg. Co., Atlanta, Ga.
Duluth Corrugating & Roofing Co., Duluth, Minn.
Dusing & Hunt (Underwriters' Standard Tin Covered), 386 Michigan av, Buffalo, N. Y.
Eberle Cornice Co., 4014 Laclede av, St. Louis, Mo.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Empire Art Metal Co., Inc. (Underwriters' Standard Tin Covered), College Point, L. I., N. Y.
Gerock Bros. Mfg. Co., 1252 S Vandeventer av, St. Louis, Mo.
Gordon-Lawless Co., Omaha, Neb.
Guarantee Iron & Wire Co., 2847 W Lake, Chicago, Ill.
Harris S. H. Co., 2424 W 22nd, Chicago, Ill.
Hawbolt Chas. H. Portland, Me.
Higgins Frank B., 408 N 11th, St. Louis, Mo.
Holzer R. G. (Est. of), New Orleans, La.
Hopmann Cornice Co., 2573 Benton, St. Louis, Mo.
Illinois Art Metal Co., Springfield, Ill.
Jeske R. & Bro. Co., 119 Reservoir av, Milwaukee, Wis.
Johnson G. W. Mfg. Co., St. Louis, Mo.
Kasch Roofing Co., Akron, O.
Keystone Fire Door Co., 1231 Irwin av, Pittsburgh, Pa.
Klauer Mfg. Co., Dubuque, Ia.
Lee Thomas, 129 W 2nd, Cincinnati, O.
Leonard Sheet Metal Wks., Hoboken, N. J.
Lupton's David Sons Co., Allegheny av & Tulip, Phila., Pa.
McFarland-Hyde Co., 2701 S 5th av, Chicago, Ill.
Machwirth Bros. Co., 201-9 Oak, Buffalo, N. Y.
Mannen John E. Co., 2247 St. Clair av, Cleveland, O.
Martin Metal Mfg. Co., Wichita, Kans.
MERCHANT & EVANS CO. (Evans "Almetl"), 2035 Washington av, Phila., Pa. *See adv index at end of book*
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Missouri Fire Door & Cornice Co., St. Louis, Mo.
Murphy E. & Co., 3724 Cass av, St. Louis, Mo.
National Fire Proofing Co., 450 W Broad, Columbus, O.
Northwestern Roofing Cornice & Stamping Works, 1111 S 5th, Minneapolis, Minn.
O'Donnell Safety System Co., Cleveland, O.
Ohio Roofing & Asbestos Co., Cleveland, O.
Peelle Company (Counterbalanced), Stewart av & Harrison pl, B'klyn, N. Y.
Penn Metal Co. ("Penco"), 65 Franklin, Boston, Mass.
Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn.
See adv index at end of book
Peters G. H. Co., 293 Oak, Buffalo, N. Y.
Powers & Boyd Cornice & Roofing Co., 3614 Laclede, St. Louis, Mo.
Pruden C. D. Co., Warner & Dock, Baltimore, Md.
Richmond Safety Gate Co., Richmond, Ind.
Riester & Thesmacher Co. 1512 W 25th, Cleveland, O.
Ross R. J. Mfg. Co., 4241 Ogden av, Chicago, Ill.
Rudolph & Son Co., 416 Prospect av, N W Cleveland, O.
Saino Fire Door & Shutter Co., Memphis, Tenn.
St. John & Barquist Co., Des Moines, Ia.
St. Louis Fire Door Co., 1512 Clark av, St. Louis, Mo.
Shields J. H., 231-33 Sycamore, Cincinnati, Ohio
Souther E. E. Iron Co., Klenlin & Hamburger, St. Louis, Mo.
Standard Sheet Metal Mfg. Co., Washington, Pa.
Stowell Co., The, South Milwaukee, Wis.
Stremel Bros. Roofing & Cornice Co., 1314 N 3rd, Minneapolis, Minn.
Thorn J. S. Co., 20th & Allegheny av, Phila., Pa.
Underwriters Hatch Door Co., 1741 Walnut, Chicago, Ill.
Variety Mfg. Co., 2958 Carroll av, Chicago, Ill.
Victor Mfg. Co. ("Victor"), Newburyport, Mass.
Vonder Au & Cluss Mfg. Co., 2408 Jefferson, St. Louis, Mo.
Wand & Niehaus, 1315 Cora, St. Louis, Mo.
Waterloo Mfg. Co., Waterloo, Ia.
Westergren M. F., 213 E 144th, New York

3933— Doors (Folding)

American Sash & Door Co., Kansas City, Mo.
Hanke Iron & Wire Works, 800 No. Albany av, Chicago, Ill.
See adv index at end of book
Harris S. H. Co. (Horizontal), 2424 W 42nd, Chicago, Ill.
Kinnear Mfg. Co. (Wood & Steel), Columbus, O.
Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Ogden J. Edward Co. ("Ogden Industrial"), 147 Cedar, New York
Peelle Co. ("Peele" Canopy), Stewart av & Harrison pl, B'klyn, N. Y.
Richmond Safety Gate Co., Richmond, Ind.
St. Louis Wire & Iron Co., St. Louis, Mo.
Variety Mfg. Co. ("Cross," Horizontal for Freighthouses, etc), 2958 Carroll av, Chicago, Ill.

Doors (Freight & Round House)

See Doors, Folding; also Shutters, Steel Rolling

3934— Doors (Grain)

Chicago Car Door Co., McCormick bldg, Chicago, Ill.
Spencer Otis Co., 80 E Jackson blvd, Chicago, Ill.

3935—Doors (Hard Wood & Veneered)

Alcott W. K. Co., 18th & Washington, Phila, Pa.
American Compound Door Co. ("Ne Plus Ultra"), 2031 S Morgan, Chicago, Ill.
American Sash & Door Co. (Wholesale Mfrs.), Kansas City, Mo.
Armstrong, Landon Co., Kokomo, Ind.
Batavia & New York Wood Working Co., Batavia, N. Y.
Bossert Louis & Son, 1335 Grand, Brooklyn, N. Y.
Brockway-Smith Corporation, 98 Canal, Boston, Mass.
Bush Bros., Royersford, Pa.
Caldwell-Iseminger Co., Middletown, O.
Carl John H., 510 1st av. New York
Carnahan Mfg. Co. ("Evans"), Loogootee, Ind.
Carr, Ryder & Adams Co. (Wholesale Mfrs.), Dubuque, Ia.
Carr & Baal Co. (Pine), Des Moines, Ia.
Carter-Travis Co., Seymour, Ind.
Compound Door Co., St. Joseph, Mich.
Conway Veneered Door & Mantel Co., 2019 St. Paul, Milwaukee, Wis.
Cream City Sash & Door Co. (For the Trade Only), 601 Park, Milwaukee, Wis.
Crooks W. D. & Sons ("Pioneer"), Williamsport, Pa.
Cullen & Vaughn Co., 450 Dayton, Hamilton, O.
Curtis Bros. & Co. (Wholesale Mfrs.), Clinton, Ia.
Curtis, Towle & Paine Co. (For the Trade Only, Mfrs.), Lincoln, Neb.
Curtis & Yale Co. (Wholesale Mfrs.), Wausau, Wis.
Enterprise Planing Mill Co., Hillsboro, O.
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Foster-Munger Co. (For the Trade Only), 1404 W 37th, Chicago, Ill.
Frey Planing Mill Co., Louisville, Ky.
Gauger John A. & Co. (For the Trade Only), 1434 W 22d, Chicago, Ill.
Gordon, Vantine Co., Davenport, Ia.
Goshen Sash & Door Co., Goshen, Ind.
Gould Mfg. Co. (For the Trade Only), Oshkosh, Wis.
Grand Rapids Lumber Co., Grand Rapids, Mich.
Grand Rapids Veneer Works, Grand Rapids, Mich.
Gravois Planing Mill Co. (Trade Only), Minnesota & Juniata, St. Louis, Mo.
Hafner Mfg. Co. (Wholesale Mfrs.), Main c Dock, St. Louis, Mo.
Hardwood Products Co., Neenah, Wis.
Huttig Mill Wk. Co. (Wholesale Mfrs.), 1200 S Vanderventer, St. Louis, Mo.
Huttig Mill Wk. Co. (Wholesale Mfrs.), Kansas City, Mo.
Hyde-Murphy Co., Ridgway, Pa.

Ironton Wood Mantel Co. (Wholesale Mfrs.), Ironton, O.
Iroquois Door Co. (Wholesale Mfrs.), Buffalo, N. Y.
I. X. L. Furniture Co., Goshen, Ind.
Jamestown Mantel Co., Falconer, N. Y.
Kertscher & Co., Elmira, N. Y., & 13 Lawrence, New York
Lafayette Lumber Co., Lafayette, Ind.
Lamont Matthew Sons Co. (Wholesale Mfrs.), Bay Cty, Mich.
Lohse Patent Door Co. (Patented), St. Louis, Mo.
Lord Lumber Co. (For Dealers & Contractors), La Grange, Ill.
Lutcher & Moore Cypress Lumber Co., (Ltd.) (Wholesale Mfrs.), Lutcher, La.
McClelland T. W. Co. (Wholesale Mfrs.), Davenport, Ia.
McMillen R. Co. (For the Trade Only), Oshkosh, Wis.
Mechanics Planing Mill Co., 3742 N B'way, St. Louis, Mo.
Montgomery Bros. & Co., Buffalo, N. Y.
Morgan Co. (Veneered Hardwood For the Trade Only), Oshkosh, Wis.
Mulliner Box & Planing Co., Quincy, Ill.
Paine Lumber Co. (Ltd.) (For the Trade Only), Oshkosh, Wis.
Phoenix Sliding Blind Co., Phoenix, N. Y.
Pyrone Process Co. (Fire Proof), 20 E Gay, Columbus, O.
Radford Sash & Door Co. (For the Trade Only), 1827 Prairie av, Chicago, Ill.
Redwood Manufacturers Co. (Redwood Oregon Pine), Hobart bldg, San Francisco, Cal.
Rikerd Lumber Co. (Wholesale Mfrs.), Lansing, Mich.
Ripley Lumber Co., Poultney, Vt.
Rock Island Sash & Door Works (Wholesale Mfrs.), Rock Island, Ill.
Rockwell Mfg. Co. (For the Trade Only), 572 Park, Milwaukee, Wis.
Roddis Lumber & Veneer Co. ("Sterling," Flush Veneered), Marshfield, Wis.
Rogers Sash & Door Co., New Britain, Conn.
St. Louis Sash & Door Works (Wholesale Mfrs.), B'way & Destrehan, St. Louis, Mo.
Sanders Bros. Mfg. Co., Ottawa, Ill.
McPhee & McGinnity Co., Denver, Colo.
STEARNS A. T. LUMBER CO., 100 Taylor, Neponset, Boston, Mass.
See adv index at end of book
Struck Alfred Co., Louisville, Ky.
Trebing Mfg. Co., 1000 Center, N. W., Cleveland O.
Vanleer Bros., Brookville, Pa.
Western Planing Mill Co., Wichita, Kans.
Whitmer-Jackson Sash & Door Co., Cleveland, O.
Wichita Sash & Door Co., Wichita, Kan.
Williamsport Planing Mill Co., Williamsport, Pa.
Woodbury Mill & Lumber Co., Woodbury, N. J.

3936—Doors (Hatch, Automatic)

Bardsley Bros. Co., 151 Baxter, New York
Beckwith Elevator Co., 123 Pearl, Boston, Mass.
Cohoes Iron Foundry & Machine Co. Cohoes, N. Y.
Curran Jas. H. Elevator Co., 114 W 2d, Cincinnati, O.
Houser Elevator Co., Syracuse, N. Y.
Johnson Geo. W. Mfg. Co., 209 W 17th, Kansas City, Mo.
Packer Thos., Union City, Conn.
Reedy H. J. Co. (Fusible Link in Case of Fire), 15 W 2d, Cincinnati, O.
Richmond Safety Gate Co., Richmond, Ind.
Salem Elevator Works, Salem, Mass.
Sedgwick Machine Works, Poughkeepsie, N. Y.
Shields J. H., 231-33 Sycamore, Cincinnati, O.
SPEIDEL JOHN G., Reading, Pa.
See adv index at end of book
Underwriters Hatch Door Co. (Electric), 1741 Walnut, Chicago, Ill.
Victor Mfg. Co. ("Victor," Fusible Link), Newburyport, Mass.
WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, O. *See adv index at end of book*
WARSAW ELEVATOR CO., Warsaw, N. Y., & Dunn bldg, Buffalo, N. Y.
See adv index at end of book
Weichans A. C., Lancaster, Pa.

3937—*Doors (Hollow Metal)

See also Doors, Fire-Proof, Metal & Metal Covered
INTERIOR METAL MFG. CO., Jamestown, N. Y. *See adv index at end of book*

3938— Doors (Hopper)

Industrial Supply & Equipment Co. ("Johnson"), 407 Samson, Phila., Pa.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Trenton Malleable Iron Co., Trenton, N. J.
Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

3939—*Doors (Iron & Glass)

Halsted Joseph Co., 1233 W Randolph, Chicago, Ill.
Hanke Iron & Wire Works (Iron), 800 N Albany av, Chicago, Ill.
See adv index at end of book
PITT WM. R. COMPOSITE IRON WORKS (Vestibule & Storm), 219 W 40th, New York
See adv index at end of book

Doors (Kalameined)

See Doors & Windows, Kalameined

3940—Doors (Locomotive Fire)

Franklin Railway Supply Co. "Franklin" (Power Operated), 30 Church, New York
National Railway Devices Co. ("Shoemaker"), 224 N Desplaines, Chicago, Ill.

3941— Doors (Manhole)

Creswell Samuel J. Iron Works, 23d & Cherry, Phila., Pa.
Girard Iron Works, 22d & Master, Phila., Pa.
Heiser Wm. Sons Co., Buffalo, N. Y.

Doors (Mausoleum, Bronze)

See Bronze Doors

3942—*Doors (Metal Entrance)

See also Doors, Fire-Proof, Metal & Metal Covered
Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
DAHLSTROM METALLIC DOOR CO. Jamestown, N. Y. & Consolidated Gas bldg, New York
See adv index at end of book
GORHAM CO. ARCH'L BRONZE, 5th av & 36th, New York; Works: Providence, R. I. *See adv index at end of book*
Hanke Iron & Wire Works, 800 No. Albany av, Chicago, Ill.
See adv index at end of book
INTERIOR METAL MFG. CO. (Steel & Bronze), Jamestown, N. Y.
See adv index at end of book
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
TYLER W. S. CO., Cleveland, O.
See adv index at end of book

3943— Doors (Mine)

American Mine Door Co. ("Canton" Automatic), Canton, O.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.

3944—Doors (Open Hearth Furnace)

Aetna Foundry & Machine Co. (Hydraulic), Warren, O.
Blaw Knox Co. ("Knox" Welded Water Cooled), Farmers Bk. bldg, Pittsburg, Pa.
Keystone Bronze Co. ("Knox" Patent Copper), Pittsburgh, Pa.
Youngstown Engng Co., Youngstown, Ohio

3945—*Doors (Passenger Car, Hollow Metal)

DAHLSTROM METALLIC DOOR CO., 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book
Hale & Kilburn Co., 1800 Lehigh av, Phila., Pa.

3946—Doors (Red Cedar, Wholesale)

Redwood Mfrs. Co., Oakland, Cal.
Whatcom Falls Mill Co., Bellingham, Wash.

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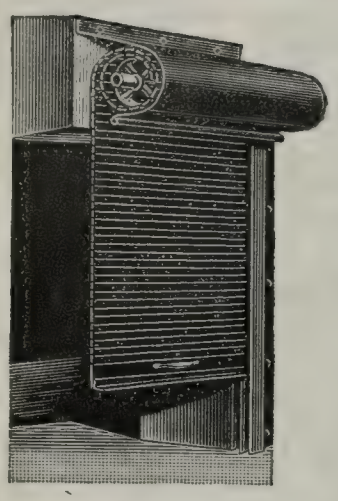

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3947—Doors (Refrigerator Car)

Missouri Malleable Iron Co., E St. Louis, Ill.
National Refrigerator & Fixture Co., 8th & Park st, St. Louis, Mo.
Trenton Malleable Iron Co., Trenton, N. J.

3948— Doors (Revolving)

Atchison Revolving Door Co. (Wood & Metal, Straight & Curved Wing), Independence, Kan.
Federal Sash & Door Co., 18th & Wabash av, Kansas City, Mo.
Jamison Cold Storage Door Co. ("No-Equal" for Passing Ice Cream to & from Hardening Room), Hagerstown, Md.
Revolving Door & Fixture Co., 1328 B'way, New York
Van Kannel Revolving Door Co. (Wood or All Metal), 250 W 54th, New York

3949—*Doors (Sectional Folding)

INTERIOR METAL MFG. CO., Jamestown, N. Y. *See adv index at end of book*

3950— *Doors (Sidewalk)

See also Vault & Sidewalk Lights

Bethlehem Steel Co., So. Bethlehem, Pa.
Columbia Iron & Wire Wks. Co. ("Columbia"), Canton, O.
G. & G. Telescopic Sidewalk Hoist & Door Co., Phelan bldg, San Francisco, Cal.
Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn.
See adv index at end of book
Republic Structural Iron Wks. Co., 1350 E 53rd, Cleveland, O.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
TYLER W. S. CO., Cleveland, O.
See adv index at end of book

3951— Doors (Silo, Metal)

Kretchmer Mfg. Co., Council Bluffs, Ia.

3952— Doors (Smoke House)

Allbright-Nell Co., 5323 Western blvd, Chicago, Ill.
Gehret Bros., Bridgeport, Pa
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.

3952a— Doors (Steel Rolling)

See also Shutters, Steel Rolling

EDWARDS MFG. CO., 545-565 Eggleston av., Cincinnati, O.
See adv index at end of book
Kinnear Mfg. Co., Columbus, O.
Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn.
See adv index at end of book
SMITH F. P WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Wilson J. G. Corp'n ("Salamander"), Chief Officer, 8 W 40th, New York. Mills & Factory: Norfolk, Va.

3953—*Doors (Theatre, Fireproof)

DAHLSTROM METALLIC DOOR CO., 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book
INTERIOR METAL MFG. CO., Jamestown, N. Y. *See adv index at end of book*

3954— Doors (Trap)

Edwards O. M. Co. ("Edwards," Steel Extension Platform), Syracuse, N. Y.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.

Doors (Vault & Sidewalk Light)

See Doors, Sidewalk

3955— Doors (White Pine)

American Sash & Door Co. (Wholesale Mfrs.), Kansas City, Mo.
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Morgan Co., Oshkosh, Wis.
Rock Island Sash & Door Works (Wholesale Mfrs.), Rock Island, Ill.

3956—Doors (Winding & Sliding)

Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Thorp Fire Proof Door Co. ("Thorp-Richardson"), 1600-1610 Central av. Minneapolis, Minn.
Wilson J. G. Corp'n, The (Swing for Freight Sheds & Warehouses), Chief Office, 8 W 40th, New York. Mills & Factory: Norfolk, Va.

Doors (Wood Rolling)

See Shutters, Wood Rolling

3957—Doors (Yellow Cypress)

Cole Mfg. Co., Memphis, Tenn.
Columbus Iron Works, Columbus, Ga.
Curtis Bros. & Co., Clinton, Ia.
Farley & Loetscher Mfg. Co., Dubuque, Ia.
McClelland T. W. Co. (Wholesale Mfrs.), Davenport, Ia.
Morgan Co., Oshkosh, Wis.
Rock Island Sash & Door Works (Wholesale Mfrs.), Rock Island, Ill.
St. Louis Sash & Door Works, B'way & Destrehan, St. Louis, Mo.

3958— Doors (Yellow Pine)

Allen Mfg. Co. (Ltd.), Shreveport, La.
American Sash & Door Co. (Wholesale Mfrs.), Kansas City, Mo.
Carr, Ryder & Adams Co. (Wholesale Mfrs.), Dubuque, Ia.
Columbus Iron Works, Columbus, Ga.
Curtis Bros. & Co., Clinton, Ia.
Enochs Lumber & Mfg. Co., Jackson, Miss.
Gordon, Vantine Co., Davenport, Ia.

3959—Doors & Shutters (Fireproof)

See also Shutters, Steel, Etc.

Champion Iron Co. (Steel), Kenton, O.
Chesley A. C. Co., 275 Rider av, New York
Cincinnati Fire-Proof Door Co., Cincinnati, O.
Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
DAHLSTROM METALLIC DOOR CO., 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book
Diebold Safe & Lock Co., Canton, O.
Dowman-Dozier Mfg. Co., Atlanta, Ga.
Eclipse Fireproof Sash & Door Co., 273 Russell, Bklyn., N. Y.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Empire Art Metal Co., Inc., College Point, L. I., N. Y.
Fire Prevention Fire Door Mfg. Co., 231 W. 19th, New York
Gehret Bros., Bridgeport, Pa.
Halsted Joseph Co., 1233 W Randolph, Chicago, Ill.
HANKE IRON & WIRE WORKS (Iron), 800 No. Albany, Chicago, Ill.
See adv index at end of book
Hastings Foundry & Iron Works, Hastings, Neb.
Howie Roofing Co., Detroit, Mich.
INTERIOR METAL MFG. CO., Jamestown, N. Y. *See adv index at end of book*
Kinnear Mfg. Co. ("Abacus," "Ajax"), Columbus, O.
Landon E. R. (Iron), 166 N May, Chicago, Ill.
McLauthlin Geo. T. Co., 120 Fulton, Boston, Mass.
Martin Metal Mfg. Co., Wichita, Kans.
MERCHANT & EVANS CO. (Evans "Almetl"), 2035 Washington av, Phila., Pa.
See adv index at end of book
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
Milwaukee Corrugating Co., Milwaukee, Wis.
Northwest Harvester Co., Spokane, Wash.
Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn.
See adv index at end of book
Richmond Safety Gate Co., Richmond, Ind.
Ross R. J. Mfg. Co. ("Meeker"), 4241 Ogden av, Chicago, Ill.
Saino Fire Door & Shutter Co. (Sliding & Swinging), Memphis, Tenn.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Solar Metal Products Co. (Doors Only), Columbus, O.
United States Metal Products Co., San Francisco, Cal.
Victor Mfg. Co. ("Victor"), Newburyport, Mass.
Wilson J. G. Corp'n, The (Steel Rolling) Chief Office: 8 W 40th, New York. Mills & Factory: Norfolk, Va.
Zahner Metal Sash & Door Co., Canton, O.

3960—*Doors & Shutters (Fire, Tin Clad)

Saginaw Sheet Metal Works, Saginaw, Mich.

3961—*Doors & Trim (Hollow Metal)

INTERIOR METAL MFG. CO., Jamestown, N. Y. *See adv index at end of book*

3962—Doors & Windows (Kalameined)

Brooklyn Fire-Proof Sash & Door Co., 101 Richardson, Brooklyn, N. Y.
Chesley A. C. Co., 275 Rider av, New York
Cincinnati Fire Proof Door Co., Cincinnati, O.
Cincinnati Mfg. Co. (also Partitions, Metal Covered), Cincinnati, O.
See adv index at end of book
Dowman-Dozier Mfg. Co., Atlanta, Ga.
Empire Art Metal Co., Inc., College Point, L. I., N. Y.
Hermann & Grace Co., 671 Bergen, Brooklyn, N. Y.
Howell, Field & Goddard, Review av, Long Island City, N. Y.
Hyde-Murphy Co., Ridgway, Pa.
Kalamein Co., 10th, Long Island City, N. Y.
Lee Thomas, 129 W 2nd, Cincinnati, O.
Leonard Sheet Metal Works, Hoboken, N. J.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
National Fire Proof Sash & Door Co., 499 Stagg Brooklyn, N. Y.
Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn.
See adv index at end of book
Pruden C. D. Co., Warner & Dock, Baltimore, Md.
owe Henry Mfg. Co., Newaygo, Mich.
horp Fire Proof Door Co. ("Thorp-Richardson" Kalameined Doors), 1600-1610 Central av, Minneapolis, Minn.
S. Metal Products Co., San Francisco, Cal.
westergen M. F., 213 E 144th, New York

Dough Dividers

See Dough Dividing Machine

3963— Dovetails (Stove)

Burdick & Son, Albany, N. Y.
Lovejoy C. H. Chaplet Co., Cambridge, N. Y.

3964— *Dowel Rods

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

3965— Dowels

American Novelty Works, Wellsville, N. Y.
American Sash & Door Co., Kansas City, Mo.
Benskin Mfg. Co. (Brass, Iron & Wood), Canton, O.
Bogert & Hopper, 67 Barclay, New York
Borgeson C. E. (Wood), 1775 Wilson av, Chicago, Ill.
Brinser E. C. Sons (Wood), Richmond, Va.
Cassaday Fairbank Mfg. Co. (In White Finish), 6126 S La Salle, Chicago, Ill.
Clark Cyrus B., Grand Rapids, Mich.
Cleveland Galvanizing Works Co. (Brass), 3924 Cooper av, Clev., O.
Connecticut Box Co., New Haven, Conn.
Cook & Coburn, West Fairlee, Vt.
Everett A. & Son (Brass & Wood), Auburn, N. Y.
Frary Mfg. Co. (Wooden), Charlemont, Mass.
Gravely B. F. & R. P. (Wood), Martinsville, Va.
Grayling, Dowel Co., Grayling, Mich.
Grover R. A. (Wood), Andover, Me.
Harriman S. H., Fryeburg, Me.
Higgins Alvah E., Jamaica, Vt.
Lebzelter P. & Son, Lancaster, Pa.
Lobdell Emery Mfg. Co., Onaway, Mich.
Marston Rake Co., Lebanon, N. H.
Minton T. W. & Son, Barbourville, Ky.
MORSE FRANK W. (Smooth, Grooved & Threaded, Brass Pin, Round & Oblong Plate), 289 Congress, Boston, Mass.
See adv index at end of book
Nashua Spool & Bobbin Co. (All Kinds), Grove Hall Sta., Boston, Mass.
Novelty Turning Co. (Wood), Norway, Me.
Piqua Handle & Mfg. Co. (Wood), P. O. Box 307, Piqua, O.
Shaw & Tenney (Wood), Orono, Me.
Sheldon H. Mfg. Co. (Fan & Fly Swatter), Elkland, Pa.
Smith H. B. & Co., Hanover, Me.
South Bend Dowel Works, South Bend, Ind.
Standard Turning Works (Wood), Cambridge, Mass.
Stephenson Mfg. Co. (Wood), South Bend, Ind.
STILES H. A. & CO., 93-97 Oliver, Boston, Mass *See adv index at end of book*
Townsend Co., New Brighton, Pa.
Wellman Pattern Supply Co. (Wood & Metal), Cleveland, O.
Winkley Co., Detroit, Mich.

3966-7—Dowels (Brace & Machine)

Ohio Tool Co. ("Bailey"), Charleston, W. Va.

3968—Dowels (Coopers' Hickory)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

3969—Dowels (Patternmakers')

Benskin Mfg. Co. (Brass), Canton, O.
Cleveland Galvanizing Works Co., 3924 Cooker av, Cleveland, O.
Diamond Clamp & Flask Co., Richmond, Ind.
Federal Malleable Co. ("Fraser," Malleable Iron), West Allis, Wis.
Knight H. W. & Son (Brass), Seneca Falls, N. Y.
Shanafelt Mfg. Co. (Brass & Hardwood), Canton, O.
Standard Turning Works, Cambridge, Mass.
Timmis & Clissold (Brass & Wood), Bound Brook, N. J.
Williams William Jr. (Brass), New Britain, Conn.

3969a — * Dowels (Plain, Beaded, Rope, Twist & Furniture)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

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Beaded and Rope Twist Dowels—Spindles, Knobs
Betwells and Automatic Lathe Work for Furniture Factories
364 5th AVE. NEW YORK CITY

3970-1— Dowels (Rail)

Jencks E. Mfg. Co., Worcester, Mass.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Parker Wire Goods Co. (Iron Hand Rail, Gimlet Pointed Screws), Worcester, Mass.

3972— Dowels (Steel)

See also Wire Nail Mfrs.

Badger Nail Co., 159 Muskego av, Milwaukee, Wis.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.

3973— Draft Arms

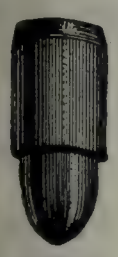
Bradford Draft Gear Co., 4th Nat'l Bank bldg, Atlanta, Ga.

3974— Draft Gear

Bradford Draft Gear Co. ("Bradford"), 4th Nat'l Bank bldg, Atlanta, Ga.
Bradford Draft Gear Co., 30 Church, New York
Cardwell Mfg. Co. ("Cardwell," Friction), McCormick bldg, Chicago, Ill.
Commonwealth Steel Co. ("Transom." Cast Steel Draft Rigging), St. Louis, Mo. Works: Granite City, Ill.
Detroit Steel Products Co., Detroit, Mich.
Forsyth J. E. ("Anderson" Friction), Peoples' Gas bldg, Chicago, Ill.
Gould Coupler Co. ("Gould" Friction), 30 E 42nd, New York
McCord & Co. ("McCord"), 122 S Michigan av, Chicago, Ill.
Miner W. H. ("Miner" Draft Rigging), The Rookery, Chicago, Ill.
National Car Coupler Co. ("Hinson"), 332 S Michigan av, Chicago, Ill. Works: Attica, Ind.
Standard Coupler Co. ("Sessions-Standard" Friction), 30 Church, New York. Works: Bridgeport, Conn.
Symington T. H. Co. ("Farlow"), Md. Trust bldg, Baltimore, Md.
Union Draft Gear Co. ("Cardwell" Friction), McCormick bldg, Chicago, Ill.
Waugh Draft Gear Co. ("Waugh," "Forsyth"), Peoples Gas bldg, Chicago, Ill.
Western Railway Equipment Co. ("Hoerr") Central Nat Bank, St. Louis, Mo.
WESTINGHOUSE AIR BRAKE CO., (Friction), Pittsburgh, Pa.

3975-6 Draft Inducer

Brown Specialty Machinery Co. ("Gadey"), 2440 W 22d, Chicago, Ill.



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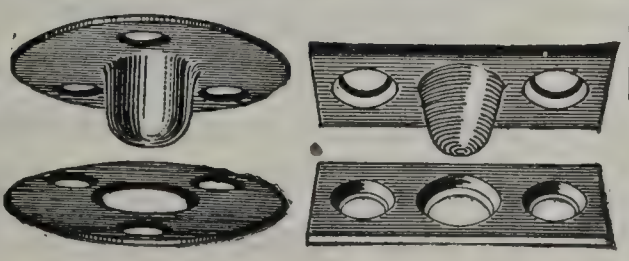

Frank W. Morse

289 Congress Street

BOSTON, MASS.

3977—Draftsmen (Mechanical)

Central Machine Wks., 12th & Tyler, St. Louis, Mo. *See adv index at end of book*
Durham Bros., 1213 Filbert, Phila., Pa.
Gaylord Chas. E. (Patent Office Drawings a Specialty), Marquette blk, Chicago, Ill.
KNAPP ARTHUR ENGINEERING CORP., 30 Church, New York
See adv index at end of book
Nestor Mfg. Co., 40 W 13th, New York

3978—Drags (Handle, for Fishing Reels)

Meisselbach A. F. & Bros. ("Rabbeth," "Governor"), 29 Congress, Newark, N. J.

3979— Drainage Systems

Baggot E. Co. ("Durham"), 21 E Lake, Chicago, Ill.
Southern Drainage & Construction Co., Kinston, N. C.
Waring, Chapman & Farquhar ("Waring"), 874 B'way, New York

3980— Drainboards

Blake Specialty Co. (Aluminum) Rock Island, Ill.
Cahill Iron Works, Chattanooga, Tenn.
Eichman J. C. Mfg. Co., Bush & Wicomico, Baltimore, Md.
Plastone Co. ("Plastone," Sanitary), Los Angeles, Cal.
Trageser John Steam Copper Works (White Metal), 447 W 26th, New York
U. S. Faucet Co. (Copper), 1155 Mission, San Francisco, Cal.

3981— Drainers (Cylinder)

American Safety Lamp & Mine Supply Co. ("Smith" Automatic), Scranton, Pa.

3982— Drainers (Dish)

Gem Mfg. Co. (Wood), N. Girard, Pa.
Hamblin & Russell Mfg. Co. ("Perfect," "O. K." Wire), Worcester, Mass.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
National Mfg. Co. ("Natwire," Wire), Worcester, Mass.
Parker Wire Goods Co. (Wire), Worcester, Mass.
Woods-Sherwood Co. ("Sherwood's" Wire), Worcester, Mass.

3983— Drainers (Sump)

Penberthy Injector Co., 346 Holden av, Detroit, Mich.
Valle-Kimes Co. ("V. & K."), Dayton, O.

3984— Drains (Floor)

See also Cellar Drains

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
American Scale Co., Kansas City, Mo.
Blake Specialty Co. ("Blake" Junior No-Back), Rock Island, Ill.
Compound Injector & Specialty Co. ("Dehn's," "Acme," Deep Seal, "Peerless" Garage Floor), 419 N Laramie av, Chicago, Ill.
Crampton-Farley Brass Co. ("Sansealo," "Signet," "Noxall" with Back Water Trap), 221 Main, Kansas City, Mo.
Haines-Jones & Cadbury Co. ("Hajoca" Brass Iron Body & All Iron), 1136 Ridge av, Phila., Pa.
Hunt Wm., 1512 S Grand av, St. Louis, Mo.
Jiffy Fire Hose Rack Co. ("Brayman"), 727 7th av, New York
Josam Mfg. Co., 25 4th, St. Louis, Mo.
Kansas City Flushing & Drain Co., 1433 Main, Kansas City, Mo.
Kokomo Brass Works, Kokomo, Ind.
Prier Brass Mfg. Co. ("Sieben," "Standard"), Kansas City, Mo.
Wade Iron Sanitary Mfg. Co., 551 Fulton, Chicago, Ill.

3985—Drains (Ice Box or Refrigerator)

Blake Specialty Co., Rock Island, Ill.
Kokomo Brass Works, Kokomo, Ind.
Modern Iron Works, Quincy, Ill.
Prier Brass Mfg. Co. ("Standard" "Sieben"), Kansas City, Mo.
Riverside Foundry & Galvanizing Co., Kalamazoo, Mich.

3986—Draughting Room Equipment

See Architects' & Engineers' Instruments & Supplies

3987— Draughting Tables

Alworth G. A., New Haven, Conn.
Century Mfg. Co. (Steel Adjustable), Cleveland, O.
Cole H. Co. ("Harrison"), 68 E Gay, Columbus, O.
Deflance Mfg. Co., 22 E 41st, New York
Dietzgen Eugene Co., 166 W Monroe, Chicago, Ill.
Dillingham Mfg. Co., Sheboygan, Wis.
Economy Drawing Table Co., Adrian, Mich.
Elliott B. K. Co., 126 6th, Pittsburgh, Pa.
Fritz Mfg. Co. ("Fry's Adjustable"), Grand Rapids, Mich.
Hamilton Mfg. Co., Two Rivers, Wis.
Hemp C. E., Hamilton, O.
Keuffel & Esser Co., Hoboken, N. J.
Kidder R. E. Co., Worcester, Mass.
Lutz Co. ("Forsyth's" Adjustable), Guttenberg, N. J.
Pease C. F. Co., 220 W Institute pl, Chicago, Ill.
Peterson Leonard & Co., 1234 Fullerton av, Chicago, Ill.
Post Fred'k Co. (Post's "Brimo" Adjustable Drawing Table), 3635 S Clark Chicago, Ill.
Price W. R., Inc. (For Educational Purposes), 127 Fifth av, New York
Rowe Henry Mfg. Co., Newaygo, Mich.
Shartle Bros. Machine Co., Middletown, O.
Taws Henry M. ("Emerson's"), 920 Arch, Phila., Pa.
Washburn Shops ("Worcester"), Worcester, Mass.
Wausau Fixture & Furniture Co. ("Ulrich" Adjustable Shadowless), Wausau, Wis.
WEBER F. & CO., 1125 Chestnut, Phila., Pa.; also St. Louis, Mo.; & Baltimore, Md. *See adv index at end of book*
Weydell F. O. ("Hi-Low"), 12 S Clinton, Chicago, Ill.
Williams, Brown & Earle ("Ajax" Telescope), 918 Chestnut, Philadelphia, Pa.

3988— Draw-Bar Attachment

Brill J. G. Co., 62d & Woodland av, Phila., Pa.
Butler Drawbar Attachment Co. (Friction & Spring), Engineers bldg, Cleveland, O.
Miner W. H., The Rookery, Chicago, Ill.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Van Dorn Coupler Co. (Electric Railway), 2325 S Paulina, Chicago, Ill.
Wilmington Malleable Iron Works of Eastern Malleable Iron Co., Wilmington, Del.

3989— Drawer Slides

Grant Pulley & Hardware Co. ("Turner" Anti-Friction), 101 Park av, New York

3990—Drawers (Bench, Steel)

Allsteelequip Co., Aurora, Ill.
Arnold S. G., 2619 W Van Buren, Chicago, Ill.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Lyon Metallic Mfg. Co. ("Lyon"), Aurora, Ill.
New Britain Machine Co. ("New Britain," Frictionless), 190 Chestnut, New Britain, Conn.
Terrell's Equipment Co., B'way, Grand Rapids, Mich.

3991—Drawers (Cash or Money)

Crescent Mfg. Co., Louisville, Ky.
Merriam Mfg. Co., Durham, Conn.
Quincy Show Case Works (Alarm or Gong), Quincy, Ill.
Russell & Erwin Mfg. Co. (Alarm Tills), New Britain, Conn.
Standard Cash Register Co., N Manchester, Ind.
Sun Mfg. Co., Columbus, O.
Tucker & Dorsey Mfg. Co. (Alarm Tills), Indianapolis, Ind.
Wood E. O., Nashua, N. H.

3992— *Drawing Materials

See also Architects' & Engineers' Instruments & Supplies; also Blue Prints
NEW YORK BLUE PRINT PAPER CO., 102 Reade, New York
WEBER F. & CO., 1125 Chestnut, Phila., Pa.; also St. Louis, Mo.; & Baltimore, Md. *See adv index at end of book*

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Drawing Tables

See Draughting Tables

Drays (Heavy Truck)

See Wagons, Freight, Teaming, etc

3993—Dredges (Gold, Dipper & Hydraulic)

Bucyrus Co., So Milwaukee, Wis.
ELLICOTT MACHINE CORP'N., Bush & Severn, Baltimore, Md.
See adv index at end of book
Fairbanks Steam Shovel Co. (Dipper & Hydraulic), Marion, O.
Jackson & Church Co. (Dipper, Hydraulic, Ditching, etc), Saginaw, Mich.
Manitowoc Ship Bldg. Co., Manitowoc, Wis.
Marion Steam Shovel Co., P. O. Box 505, Marion, O.
Norborn Engineering Co., Denckla bldg, Phila., Pa.
Osgood Co., Marion, Ohio

3994—Dredges (Gold & Placer Mining)

See also Dredging Machinery

Atkinson W. H. Co., Hoboken, N. J.
ELLICOTT MACHINE CORP., Bush & Severn, Baltimore, Md.
See adv index at end of book
Hammond Mfg. Co., Kamm bldg, Portland, Ore.
Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.
Krogh Mfg. Co., 147 Beale, San Francisco, Cal.
Marion Steam Shovel Co., P. O. Box 505, Marion, O.

New York Engineering Co. ("Empire"), 2 Rector, New York
Stearns-Roger Mfg. Co., Denver, Colo.
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.
Union Construction Co., 604 Mission, San Francisco, Cal.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
United Iron Works (Beach Sand Dredges), Oakland, Cal.
Willamette Iron & Steel Works, Portland, Ore.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book
Yuba Mfg. Co. (Also Suction), Insurance Exchange bldg, San Francisco, Cal.

3995— Dredges (Steel)

American Steel Dredge Co., Fort Wayne, Ind.
Marion Steam Shovel Co., P. O. Box 505, Marion, O.
Michigan Dredge Co., Bay City, Mich.
Osgood Co., Marion, O.

Dredging Machinery

See Machinery

3995a—Dresser Sets (Cased)

The Arlington Works (E. I. du Pont de Nemours & Co.), 21 E 40th, New York

3996— Dressers (Bibb Seat)

Buffum Tool Co., South Side, Louisiana, Mo.
Skinner M. B. Co. ("Skinner"), 562 W Washington, Chicago, Ill.
Wolverine Brass Works ("Universal"), Grand Rapids, Mich.

3997—Dressers (Emery Wheel)

American Emery Wheel Works, Providence, R. I.
Bay State Stamping Co. ("Bennett"), 380 Chandler, Worcester, Mass.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Browne & Dowd Mfg. Co. ("American"), Meriden, Conn.
Buckeye Mfg. & Foundry Co., 2046 W 55th, Cleveland, O.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Builders' Iron Foundry ("Challenge"), 9 Codding, Providence, R. I.
Burgess & Norton Mfg. Co. ("Huntington" Improved), Geneva, Ill.
Calder Geo. H., Lancaster, Pa.
Carborundum Co., Niagara Falls, N. Y.
Challenge Machine Co. ("Gruwa-Huntington"), 5116 Springfield av, Phila., Pa.
Chicago Screw Co. ("Genuine Huntington"), 13 N Jefferson, Chicago, Ill.
Chicago Wheel & Mfg. Co. ("Paragon" & "Huntington"), 1101 W. Monroe, Chicago, Ill.
Cleveland Flue Cleaner Mfg. Co. ("Brisben"), 321 Frankfort av, N W, Cleveland, O.
Clizbe Bros. Mfg. Co. ("Crown"), Plymouth, Ind.
Collmer Bros. ("Huntington Collmer"), South Bend, Ind.
Crafts Arthur A., 125 Summer, Boston, Mass.
Curtin Hebert Co (Also Cutters, "Huntington," "Paragon," "Crescent"), Gloversville, N. Y.
Desmond-Stephan Mfg. Co. ("Dismo-Carbo," "Sherman" & "Huntington"), Urbana, O.
Dessau's S. Sons (Diamond Set), 180 B'way, New York
See adv index at end of book
DETROIT SCREW WORKS ("Genuine Huntington"), 348 Franklin, Detroit, Mich. *See adv index at end of book*
Diamond Machine Co., Providence, R. I.
DIAMOND SAW & STAMPING WORKS ("Sterling"), 357 7th, Buffalo, N. Y.
See adv index at end of book
Dickinson Thos. L., 64 Nassau, New York
Ehrmann & Bahlsen, 2 Maiden la, New York
Electric Emery Wheel Co., 827 Broad, Newark, N. J.
Francis & Co. (Diamond), Hartford, Conn.
Hartley Geo. ("Diamond"), Waterbury, Conn.
Montgomery & Co. ("Strong" Diamond Holder), 105 Fulton, New York
North Wales Machine Co. ("Huntington"), North Wales, Pa.
Norton Company, Worcester, Mass.
Osborn-Crew Mfg. Co. ("Brisben"), Cleveland, O.
Osgood J. L. Tool Co. ("Black Diamond"), Buffalo, N. Y.
Peninsular Emery Wheel Co. ("Huntington" Pattern), Detroit, Mich.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
QUADRIGA MFG. & SPECIALTY CO. ("Rearwin" Spiral), 213 W Grand av, Chicago, Ill.
See adv index at end of book
Rock Island Mfg. Co., Rock Island, Ill.
Rose S. Co., 12 John, New York
Ross Mfg. Co., 2186 E 65th, Cleveland, O.
See adv index at end of book
Scranton Whetsone & Abrasive Wheel Co., Scranton, Pa.
Southington Hardware Co., Southington, Conn.
Springfield Mfg. Co., Bridgeport, Conn.
Standard Tool Co., 6900 Central av, Cleveland, O.
Star Corundum Wheel Co., 241 Cavalry av, Detroit, Mich.
Stocker H. A. Machinery Co. ("Rearwin"), 570 W Randolph, Chicago, Ill.
Superior Corundum Wheel Co., Waltham, Mass.
Tanite Co. ("Taylor"), Stroudsburg, Pa.
Vitrified Wheel Co., Westfield, Mass.
Warren Axe & Tool Co. ("Huntington" Pattern), Warren, Pa.
Waterbury Wire Die Co. ("Diamond"), Waterbury, Conn.
Williams William, Jr. ("American," "Huntington"), New Britain, Conn.
Wood A. A. & Sons Co. ("Atlanta"), Atlanta, Ga.
Wrigley Thos. Co., 504 Sherman, Chicago, Ill.

3998— Dressers (Flour)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Barnard & Leas Mfg. Co., Moline, Ill.
Ehrsam J. B. & Sons Mfg. Co., Enterprise, Kan.
Great Western Mfg. Co., Leavenworth, Kan.
Nordyke & Marmon Co., 1290 Ky. av, Indianapolis, Ind.

3999—Dressers (Plumbers' Wooden)

See also Tools, Plumbers

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Stossel Carl & Co., Front Royal, Va.

4000—Dressing (Carriage Top, Harness, Etc.)

Alder Chemical Co. ("Star-Clean"), Mount Vernon, N. Y.
Armiger Chemical Co. ("Rex"), 2151 Austin av, Chicago, Ill.
Arnold N. B. ("Slikup," "Slikup Leather Kote"), 1 Sigourney, Brooklyn, N. Y.
Arnstein Eugene ("Century"), 45 W 26th, Chicago, Ill.
Baum's Castorine Co. ("Baum's"), Rome, N. Y.
Bosler E. H., 1935 Wabash av, Chicago, Ill.
Chicago Varnish Co. ("Abyssinium"), 2100 Elston av, Chicago, Ill.
Detroit White Lead Works ("Rogers"), Detroit, Mich.
Eberson Lindsley Paint Co. ("Leather Lac"), 1832 Morgan, St. Louis, Mo.
Endurance Autoil Co. ("Luster Finish"), Muncie, Ind.
Felton, Silbey & Co. ("Evernew"), 136 N 4th, Phila., Pa.
Fiebing Chemical Co. ("Presto" & Patent Leather), 240 Reed Milwaukee, Wis.
Flexol Co. ("Flexol"), 31 W 31st, New York
Hall-Thompson Co. ("Wonder-Worker"), Hartford, Conn.
Harrison Works (Du Pont), 35th & Grays Ferry rd, Phila., Pa.
Harsh-Miller Mfg. Co. (Also Auto), Wabash, Ind.
Hazen-Brown Co., 100 South, Boston, Mass.
Hollingshead R. M. Co. ("Hollingshead," Carriage & "Whiz" Auto Top), Camden, N. J.
Jewel Mfg. Co., 2863 W 22d, Chicago, Ill.
Johnston R. F. Paint Co. ("Leatherlac"), Pearl & Main, Cincinnati, O.
Lowe Bros. Co., Dayton, O.
Lucas John & Co. ("Lucas"), 322 Race, Phila., Pa.
McLean-Jones Oil & Supply Co. ("McLean's Swastika"), 40 India Wharf, Boston, Mass.
Matt F. & Co. ("Alcovie"), 491 Washington, Newark, N. J.
Miller Frank Co., 349 W 26th, New York
Moller & Schumann Co. ("M. & S. Co."), Marcy av, Brooklyn, N. Y.
Murphy Varnish Co. (Enamel Varnish), McWhorter, Newark, N. J.
Northwestern Chemical Co. ("Pioneer"), Marietta, O.
Nu-Back Mfg. Co. ("Leath-R-Nu"), 114 N Commercial, St. Louis, Mo.
Polish Products Co. ("B-Brite"), Kansas City. Mo.
Richmond Bros., 616 Main, Cincinnati, O.
Reid W. W. Mfg. Co. ("Waxol"), 204 Milk, Boston, Mass.
St. Louis Rubber Cement Co., 3046 Lambdin av, St. Louis, Mo.
Thumb E. W. ("Sun Shine"), 872 Orleans, Chicago, Ill.
Tingley Chas. O. & Co. ("C. O. T."), Rahway, N. J.
Valentine & Co., 456 4th av, New York
Viscol Co. ("Alol," "Pluviol"), Cambridge, Mass.
Wadsworth-Howland Co. ("Bay State"), 141 Federal, Boston, Mass.
Weiss Chas. & Son, 4715 Cottage Grove av, Chicago, Ill.
Weiss Polish Works ("American"), 216 S Winchester av, Chicago, Ill.
West's L. M. Sons ("West's Enamel," "New West"), Rockford, Ill.

4001— Dressing (Hoof)

Fiebing Chemical Co. ("Fiebing's"), 240 Reed, Milwaukee, Wis.
World Refining Co., Easton, Pa.

4002—Dressing (Leather Belt)

Bradford Belting Co., 36 Warren, New York

4003—Dressing (Razor Strop)

Razorine Mfg. Co., 335 B'way, New York

4004— Dressing (Rope)

See also Wire Rope Coating & Lubricants

American Specialty Mfg. Co., Iron & Erie Ry, Cleveland, O.
Carpenter Geo. B. & Co., 440 N Wells, Chicago, Ill.
Cling-Surface Co. ("Cling-Surface"), Buffalo, N. Y.
Dixon Josph Crucible Co., Jersey City, N. J.
Dodge Sales & Engineering, Mishawaka, Ind.
Jobbers' Mfg. Co. ("Blue Ribbon"), 327 S La Salle, Chicago, Ill.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
Nason R. N. & Co. (Wire Rope), 151 Potrero av, San Francisco, Cal.
ROEBLING'S JOHN A. SONS CO., Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Stephenson Mfg. Co. ("Stephenson," Brown Label), Albany, N. Y.
Superior Chemical Mfg. Co. ("Superior"), Grand Rapids, Mich.
Wire Rope Lubricating Co., 40 Clinton, Newark, N. J.
Wolff Norbert Co. ("Wolff"), 40 Renwick, New York
Zurn O. F. Co. ("Ropoleum"), Broad & Lehigh, Phila., Pa.

Dressing (Shoe)

See Shoe Blacking & Polish

4005— Dried Blood

Baker H. J. & Bro. (Imp), 81 Fulton, New York
Davidson Commission Co., 140 W Van Buren, Chicago, Ill.
Dold Jacob Packing Co., Buffalo, N. Y.
Heller, Jos. S. (Imported), 62 William, New York
Hollingshurst & Co., 66 Beaver, New York
Munro Robt. A. & Co. (Imp), 25 Pine, New York
Nitrate Agencies Co. (Imported), 102 Pearl, New York
Pittsburgh Provision & Packing Co., Herrs Isl., Pittsburgh, Pa.
Swift & Co., Union Stock Yards, Chicago, Ill.
Wilson & Co. (Also Tankage), Union Stock Yards, Chicago, Ill.

4006—Drifts (For Drill Sockets)

Armstrong Bros. Tool Co. ("Armstrong," Plain & Automatic), 339 N Francisco av, Chicago, Ill.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.

4007— Drill Ends (Rose)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

4008—*Drill Heads ("Diexco")

DIAMOND EXPANSION BOLT CO., 89 West, New York
See adv index at end of book

4009—*Drill Press (Combination & Multi Vise Trident)

DIAMOND EXPANSION BOLT CO., 89 West, New York
See adv index at end of book

Drill Presses

See Drilling Machines

4010— Drill Speeders

Graham Mfg. Co. ("Graham"), 96 Point, Providence, R. I.
McCrosky Reamer Co. ("Wizard" Variable Speed & Reverse), Meadville, Pa.

4011—Drill & Vise Combined

Adams A. L., Cedar Rapids, Ia.
Goodell-Pratt Co., Greenfield, Mass.
Millers Falls Co., 28 Warren, New York
Strange E. W. & Co., Taunton, Mass.

4011a—*Drilling (Ball Bearing)

PRENTISS HY. & CO., INC. (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York
See adv index at end of book

4012—Drilling Outfits (Submarine)

Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Sullivan Machinery Co., Peoples Gas bldg., Chicago, Ill.

Drills (Artesian Well)

See Machinery, Well Drilling

Drills (Automatic)

See Drilling Machines, Automatic

4013—Drills (Beet Planting)

Allen S. L. & Co. ("Planet, Jr."), Denckla bldg, Phila., Pa.
American Seeding Machine Co., Springfield, O.
Bacon Mfg. Co., Pontiac, Mich.
Bateman Mfg. Co., Grenloch, N. J.
Deere & Co. (Also Bean), Moline, Ill.
Fetzer & Co. ("McSherry," "Fetzer"), Springfield, Ill.
Parlin & Orendorff Co., Canton, Ill.
Thomas Mfg. Co., Springfield, O.
Wayne Works, Richmond, Ind.

Drills (Bench)

See Drilling Machines, Bench

4013a— Drills (Bit Stock)

See also Drills, Chain Attachment

Syracuse Twist Drill Co., ("Syracuse"), Borden av, Syracuse, N. Y.

4014— Drills (Blacksmiths')

(Upright, Post & Bench)

See also Drilling Machines, Blacksmiths'
Beall Tool Co., East Alton, Ill.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Detroit Twist Drill Co., 636-646 Fort, W, Detroit, Mich.
Diamond Expansion Bolt Co., 89 West, New York
Hubbard & Co., Pittsburgh, Pa.
Lincoln-Williams Twist Drill Co., Taunton, Mass.
Morse Twist Drill & Machine Co., New Bedford, Mass.
National Twist Drill & Tool Co., Detroit, Mich.
Pratt & Whitney Co., Hartford, Conn.
Syracuse Twist Drill Co., Syracuse, N. Y.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book

4015— Drills (Blast Hole)

KEYSTONE DRILLER CO. ("Keystone"), Beaver Falls, Pa.

Drills (Boiler Shell)

See Drilling Machines, Boiler

4016— Drills (Bracket)

Strong, Carlisle & Hammond Co. ("The Berlin"), 336 Frankfort av, N W, Cleveland, O.

4017—Drills (Breast & Hand, Geared)

See also Bit Braces; also Pneumatic Breast Drills

Clark Jas., Jr., Electric Co. (Electrically Driven), Louisville, Ky.
Coates Clipper Mfg. Co. ("Coates" Housed Geared Flexible Shaft), Worcester, Mass.
Fray Jno. S. Co., Bridgeport, Conn.
GEM MFG. CO. ("Gem" for Use with Flexible Shafting), Goebel, nr Fulton, N S, Pittsburgh, Pa.
See adv index at end of book
Goodell-Pratt Co., Greenfield, Mass.
Hisey-Wolf Machine Co. ("Hisey" Electric), Cincinnati, O.
Lancaster Machine & Knife Works, Lancaster, N. Y.
Malleable Iron Fittings Co. ("M. I. F. Co." Comb. Drill & Valve Grinder), Branford, Conn.
Millers Falls Co. (Ball Bearing), Millers Falls, Mass.
North Bros. Mfg. Co. ("Yankee"), Phila., Pa.
Peck, Stow & Wilcox Co., Southington, Conn.
Smith Drill & Machinery Co. ("Victor Turbine Drill," Air Driven), Chattanooga, Tenn.
Stanley Rule & Level Co. (Breast), New Britain, Conn.
Stow Flexible Shaft Co., 26th & Callowhill, Phila., Pa.
Temco Electric Motor Co. ("Temco," Electric), Leipsic, O.
Turner & Deegan, Bristol, Conn.
Wilkinson A. J. & Co. ("A. J. W. & Co."), 184 Washington, Boston, Mass.

4018—Drills (Brick & Stone)

(For Drilling Holes for Expansion Bolts, etc)

Braunsdorf-Mueller Co., Elizabeth, N. J.
Brunner & Lay (Hollow Pipe for Brick, etc), 570 W Polk, Chicago, Ill.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Chicago Expansion Bolt Co. ("Chicago"), 111 N Jefferson, Chicago, Ill.
DIAMOND EXPANSION BOLT CO. ("Diamond N"), 89 West, New York
See adv index at end of book
Duffy Mfg. Co., 214 W Grand av, Chicago, Ill.
Electro Magnetic Tool Co. (Electric Hammer), 2902 Carroll, Chicago, Ill.
Hubbard & Co. ("Peirce"), 63rd & Butler, Pittsburgh, Pa.
Irving Mfg. & Tool Co. ("Osborn"), 157 Chambers, New York
Kraeuter & Co., 583 18th av, Newark, N. J.
Pollard Jos. G., 141 Raymond, Brooklyn, N. Y.
STAR EXPANSION BOLT CO. ("Sebco"), 147 Cedar, New York
Stewart & Romaine Mfg. Co., 124 N 6th, Phila., Pa.

Drills (Carriage, Rubber)

See Carriage Cloth, Rubber & Enamel

Drills (Center)

See Countersinks & Counter Drills Combined

4019—Drills (Chain Attachment, Bit Stock)

Buckeye Mfg. & Foundry Co. (Ball Bearing), 2046 W 55th, Cleveland, O.
Detroit Twist Drill Co., 555 Fort, Detroit, Mich. *See adv index at end of book*
Fifield Bros. Co., Augusta, Me.
Goodell-Pratt Co. ("Giant" Automatic & Ratchet), Greenfield, Mass.
Grabler Mfg. Co. ("Wonder" & "Grabler" Self-Feeding), Cleveland, O.
Lincoln-Williams Twist Drill Co., Taunton, Mass.
Millers Falls Co. ("Millers Falls"), Millers Falls, Mass.
North Bros. Mfg. Co. ("Yankee"), Lehigh av & American, Phila., Pa.
Robinson M. W. Co. ("Dikeman"), 208 37th, Brooklyn, N. Y.
SMITH & HEMENWAY CO., INC. ("Red Devil"), 261 B'way, New York; 130 Coit, Irvington, N. J.
See adv index at end of book
Union Twist Drill Co., Athol, Mass.
Upton & Gilman Machine Co. ("Duff"), Lowell, Mass.

4020— Drills (Churn)

Armstrong Mfg. Co., Armstrong bldg, Waterloo, Ia.
INGERSOLL-RAND CO. ("Calyx"), 11 B'way, New York
See adv index at end of book

4021— Drills (Clamp)

Goodell-Pratt Co. (Angular, Universal, etc), Greenfield, Mass.
Reed Francis Co. (4 Sizes), Worcester, Mass.
Stow Flexible Shaft Co., 26th & Callowhill, Phila., Pa.

4022— Drills (Coal, Etc.)

See also Machines, Coal Cutting

Bittenbender Geo. H. & Son, Plymouth, Pa.
Bittenbender W. W. & Co., Nanticoke, Pa.
Cyclone Machine Co. (Hand Only), Pittston, Pa.
Denver Rock Drill Mfg. Co. ("Waugh" Rock), Denver, Colo.
Eagen Jas. A. (Hand & Power), Wyoming, Pa.
Fulton Tool Works (Coal), Canal, Fulton, O.
Hardsocg Martin Co. (Coal & Rock Drills), 922 South av, Pittsburgh, Pa.
Hardsocg Mfg. Co. (Hand Grip, Post, Post Ratchet, etc), Ottumwa, Ia.
Hardsocg Wonder Drill Co. ("Wonder," Steam & Air), Ottumwa, Ia.
Herzier & Henninger Machine Works ("Tornado" Coal Only), Belleville, Ill.
Howell's Mining Drill Co. ("Spry" Electric, also Hand & Power), Plymouth, Pa.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
INGERSOLL-RAND CO. ("Sergeant," "Jackhamer," "Butterfly," "Leyner-Ingersoll" Electric-air), 11 B'way, New York *See adv index at end of book*
Iron City Tool Works, Ltd. (Anthracite & Soft Coal), 3201 Smallman, Pittsburgh, Pa.
JEFFREY MFG. CO. (Electric Rotary Coal), 961 N Fourth, Columbus, O.
See adv index at end of book

Klein-Logan Co. (Hand), 13th & Breed, Pittsburgh, Pa.
Leetonia Tool Co., Leetonia, O.
Le Grand Mine Drill Works, Wilkes-Barre, Pa.
Morgan-Gardner Electric Co. (Power), 27th & Shields av, Chicago, Ill.
Nixon Mining Drill Co., Chattanooga, Tenn.
Peoria Coal Drill Works, Peoria, Ill.
Pettigrew Foundry Co. ("Acme" Hand, Coal Mining), Harvey, Ill.
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
Salem Tool Co. (Coal Only), Salem, O.
Scranton Electric Construction Co. (Electric, for Mining Gypsum, Fire Clay, etc), Scranton, Pa.
Wantling, Isaac & Co. ("Champion" Post, "Little Wonder," "New Peoria," Grip Coal Drills), Peoria, Ill.
Warwood Tool Co., Wheeling, W. Va.
What Cheer Tool Co. ("Walker"), What Cheer, Ia.

4023— Drills (Core)

American Well Works, Aurora, Ill.
See adv index at end of book
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Crafts Arthur A., 125 Summer, Boston, Mass.
Dobbins Core Drill Co., 112 W 42d, New York
Ellison Wm. & Sons Mfg. Co., St. Louis, Mo.
INGERSOLL-RAND CO. ("Calyx," "Diamondless"), 11 B'way, New York
See adv index at end of book
Lake Shore Engine Works (Diamond), Marquette, Mich.
Longyear E. J. Co. ("Longyear" Mounted **Gasoline Diamond Drill), Security Bank bldg, Minneapolis, Minn.**
McKiernan-Terry Drill Co., 15 Park row, New York
Meyers Willard F. Machine Co., 614 Hamilton, Astoria, N. Y.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Standard Diamond Drill Co. ("Diamond," Capacity 350 to 6,000 ft), 38 S Dearborn, Chicago, Ill.
Sullivan Machinery Co. ("Diamond"), Peoples Gas bldg, Chicago, Ill.

4024—Drills (Corn Planting)

American Seeding Machine Co. (With Fertilizer Attachment), Springfield, O.
Avery B. F. & Sons, Louisville, Ky.
Brinly Hardy Co., Louisville, Ky.
Campbell Bros. Mfg. Co., Harrison, O.
Case J. I. Plow Works, Racine, Wis.
Chambers, Bering, Quinlan Co., Decatur, Ill.
Deere & Co. (Also Bean), Moline, Ill.
Deuscher H. P. Co., Hamilton, O.
Emerson-Brantingham Co. ("Emerson" One-Horse, with Fertilizer, two Row Riding), Rockford, Ill.
Fetzer & Co. ("McSherry" & "Fetzer"), Springfield, Ill.
Gale Mfg. Co., Albion, Mich.
Hapgood Plow Co., Alton, Ill.
Hayes Pump & Planter Co. ("Sucker State"), Galva, Ill.
Janesville Machine Co., Janesville, Wis.
Moline Plow Co. ("Flying Dutchman" & "Champion"), Moline, Ill.
Ohio Rake Co., Dayton, O.
Parlin & Orendorff Co. ("P. & O." one two & three Row), Canton, Ill.
Peru Plow & Wheel Co., Peru, Ill.
Racine-Sattley Co. ("Sattley," "Crescent"), Springfield, Ill.
Rock Island Plow Co. ("Rock Island"), Rock Island, Ill.
St. Joseph Plow Co., St. Joseph, Mo.
Sechler D. M. Implement & Carriage Co. ("Black Hawk"), Moline, Ill.
Shortsville Wheel Co., Shortsville, N. Y.
Thomas Mfg. Co., Springfield, O.
Wayne Works, Richmond, Ind.

Drills (Cotter)

See Drilling Machines, Cotter & Key Seat

4025—Drills (Cotton Planting)

American Seeding Machine Co., Springfield, O.
Avery B. F. & Sons, Louisville, Ky.
Case J. I. Plow Works, Racine, Wis.
Deere & Co., Moline, Ill.
Moline Plow Co., ("A-1" "Dutchess"), Moline, Ill.
Racine-Sattley Co. ("Alomo," "Tonapah"), Springfield, Ill.
Rock Island Plow Co., Rock Island, Ill.
Thomas Mfg. Co., Springfield, O.

4026— Drills (Diamond)

Crafts Arthur A. (Lens & Lip), 125 Summer, Boston, Mass.
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Mendes Cutting Factories, 12 John, New York
Meyers, Willard F. Machine Co., 614 Hamilton, Astoria, N. Y.
Wennstrom's John Sons Co., Suffern, N. Y.

Drills (Diamond Core)

See Drills, Core

4027-8—Drills (Electric Portable)

Ajax Electric Tool Co. ("Jackson"), Ludington, Mich.
American Electric Tool Co. ("Carver"), West, Newton, Mass.
Anderson Electric Machine Tool Co., 1324 Cass av, St. Louis, Mo.
Black & Decker Mfg. Co. ("B. & D"), 111 So Calvert, Baltimore, Md.
Cary Jas. H. Portland, Me.
CHICAGO PNEUMATIC TOOL CO. ("Duntley" Air Cooled), **Fisher bldg,** Chicago, Ill.
See adv index at end of book
Cincinnati Electrical Tool Co., Cincinnati, O.
Clark Jas., Jr., Electric Co., Louisville, Ky.
Coates Clipper Mfg. Co., Worcester, Mass.
Deer A. J. Co. ("Royal"), Hornell, N. Y.
Electric Tachometer Co. ("Locke"), Perry bldg, Phila., Pa.
Emerson Electric Mfg. Co. (Motor Driven), 2024 Washington av, St. Louis, Mo.
Fortuna Machine Co. (Importers), 127 Duane, New York
Gleason, J. L. & Co., 241 Franklin, Boston, Mass.
Hisey-Wolf Machine Co. ("Hisey"), Cincinnati, O.
Holtzer-Cabot Electric Co. ("H.-C." Vertical for Jewelry Works, Drilling Lenses, etc), 125 Amory, Boston, Mass.
Independent Pneumatic Tool Co., 1307 Michigan av, Chicago, Ill.
Neil & Smith Electric Tool Co. ("Ideal"), 120 E 6th, Cincinnati, O.
Scranton Electric Construction Co. (For Mining Gypsum, Fire Clay, etc), Scranton, Pa.
Sprague Electric Works, 527 W 34th, New York
Standard Elec. Tool Co., 128 Opera pl, Cincinnati, O.
See adv index at end of book

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Stow Mfg. Co., Binghamton, N. Y.
Temco Electric Motor Co. ("Temco" Drills & Motors), Leipsic, O.
United States Electrical Tool Co. (Hand), Cincinnati, O.
Van Dorn Electric Tool Co., 2978 Woodhill, Cleveland, O.

Drills (Electrician's)

See Drills & Bits, Electricians'

4029— Drills (Extension)

Grabler Mfg. Co. (For Drilling Into I Beams or Concrete), Cleveland, O.
Star Expansion Bolt Co. ("Star"), 147 Cedar, New York
Steward & Romaine Mfg. Co., 124 N 6th, Phila., Pa.

4030— Drills (Fertilizer)

Allen S. L. & Co. ("Planet, Jr."), Denckla bldg, Philadelphia, Pa.
American Seeding Machine Co., Springfield, O.
Bateman Mfg. Co. ("Iron Age" Hand), Grenloch, N. J.
Crown Mfg. Co., Phelps, N. Y.
Emerson-Brantingham Co., Rockford, Ill.
Fetzer & Co. ("McSherry" & "Fetzer"), Springfield, Ill.
Genesee Valley Mfg. Co., Mt. Morris, N. Y.
Genung C. W. ("Iron King" Hand), Madison, Ohio
Hayes Pump & Planter Co. ("Sucker State"), Galva, Ill.
Hench & Dromgold Co., York, Pa.
Keystone Machine Co., York, Pa.
Lean Roderick Mfg. Co. ("Roderick Lean") Mansfield, Ohio
National Drill Co., Cambridge City, Ind.
Ontario Drill Co., East Rochester, N. Y.
Rude Mfg. Co., Liberty, Ind.
Thomas Mfg. Co., Springfield, O.
Wayne Works, Richmond, Ind.

4031— Drills (Flat)

Eagle Tool Works, Bayonne, N. J.
Pratt & Whitney Co., Hartford, Conn.
Rich Tool Co., Ry. Exchange bldg, Chicago, Ill.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.

Drills (Flat High Speed)

See Drills, Flat Twist

4032—*Drills (Flexible Shaft)

GEM MFG. CO. ("Gem" Electric), Goebel, nr Fulton, N S, Pittsburgh, Pa.
See adv index at end of book

4033— Drills (Friction Disc)

Barnes W. F. & Jno. Co. ("Barnes" Bench), Rockford, Ill.
Hoefer Mfg. Co., Freeport, Ill.

Drills (Gang)

See Drilling Machines, Gang

4034— Drills (Garden Seed)

Ames Plow Co., Framingham, Mass.
Bacon Mfg. Co., Pontiac, Mich.
Bateman Mfg. Co., Grenloch, N. J.
Columbia Planter Co., Springfield, O.
Genung C. W., Madison, O.
McWhorter Mfg. Co., Riverton, N. J.
Thornburgh Mfg. Co., Bowling Green, O.

4035— Drills (Grain)

American Seeding Machine Co. ("Buckeye," "Farmer's Favorite," "Fountain City," "Superior" Hoe, Shoe, Disc, also Low Down Press), Springfield, O.
Beatrice Iron Works, Beatrice, Neb.
Beaver Dam Mfg. Co., Beaver Dam, Wis.
Chambers, Bering, Quinlan Co., Decatur, Ill.
Champion Drill Co. ("Champion," "New York Champion"), Avon, N. Y.
Champion Wagon Co., Owego, N. Y.
Children's E. Sons Mfg. Co. ("Hawkeye"), Council Bluff, Ia.
Crown Mfg. Co., Phelps, N. Y.
Dempster Mill Mfg. Co. ("Dempster," "New Era"), Beatrice, Neb.
Dowagiac Drill Co. ("Cassapolis," "Dowagiac"), Dowagiac, Mich.
Emerson-Brantingham Co. ("Emerson" Plain & Fertilizer), Rockford, Ill.
Farquhar A. B. Co., Ltd. ("Pennsylvania" Force, Feed, Grain, Grass & Phosphite), York, Pa.
Fetzer & Co. ("Columbia," "Plymouth," "Southern," "McSherry" & "Fetzer"), Springfield, Ill.
Galloway Wm. Co., Waterloo, Ia.
Gantt Mfg. Co., Macon, Ga.
Genesee Valley Mfg. Co. ("Missouri"), Mount Morris, N. Y.
Gundlach Philip M. Sons (Force Feed), Bellville, Ill.
Hapgood Plow Co., Alton, Ill.
Hayes Pump & Planter Co. ("Sucker State"), Galva, Ill.

DRILLS (GRAIN)—continued

Hench & Dromgold Co. ("York"), York, Pa.
Hocking Valley Mfg. Co., Lancaster, O.
King Drill Mfg. Co., Nebraska City, Neb.
La Crosse Plow Co. ("Imperial"), La Crosse, Wis.
Lean Roderick Mfg. Co. ("Roderick Lean" Hoe & Shoe), Mansfield, O.
Messinger Mfg. Co. (With Grass Seeder), Tatamy, Pa.
Moline Plow Co. ("Monitor"), Moline, Ill.
Monitor Drill Co., St. Louis Park, Minn.
Monmouth Plow Factory, Monmouth, Ill.
National Drill Co., Cambridge City, Ind.
Ontario Drill Co., E. Rochester, N. Y.
Owatonna Mfg. Co., Owatonna, Minn.
Peoria Drill & Seeder Co. ("Illinois," "Union"), Peoria, Ill.
Rock Island Plow Co., Rock Island, Ill.
Rude Mfg. Co. ("Rude," "Rude-Northwestern," "Indiana"), Liberty, Ind.
Sterling Mfg. Co., Sterling, Ill.
Thomas Mfg. Co. ("Thomas"), Springfield, O.
Van Brunt Mfg. Co., Horicon, Wis.
Wayne Works, Richmond, Ind.
Wood Walter A. Mowing & Reaping Machine Co. ("Climax"), Hoosick Falls, N. Y.

4036-7—Drills (Grain Disc)

See also Drills, Grain

American Seeding Machine Co., Springfield, O.
Beaver Dam Mfg. Co., Beaver Dam, Wis.
Brinly Hardy Co., Louisville, Ky.
Chambers, Bering, Quinlan Co., Decatur, Ill.
Champion Drill Co., Avon, N. Y.
Crown Mfg. Co., Phelps, N. Y.
Dempster Mill Mfg. Co., Beatrice, Neb.
Dowagiac Drill Co., Dowagiac, Mich.
Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.
Farquhar A. B. Co. (Ltd.), York, Pa.
Fetzer & Co. ("McSherry" & "Fetzer"), Springfield, Ill.
Genesee Valley Mfg. Co., Mt. Morris, N. Y.
Hayes Pump & Planter Co. ("Sucker State"), Galva, Ill.
La Crosse Plow Co. ("Imperial"), La Crosse, Wis.
Lean Roderick Mfg. Co. ("Roderick Lean"), Mansfield, O.
Monitor Drill Co., St. Louis Park, Minn.
Ontario Drill Co.. E. Rochester, N. Y.
Owatonna Mfg. Co., Owatonna, Minn.
Peoria Drill & Seeder Co., Peoria, Ill.
Rock Island Plow Co. (Comb Disc Drill & Harrow), Rock Island, Ill.
Thomas Mfg. Co. (Plain & Fertilizer), Springfield, O.
Van Brunt Mfg. Co. (Shoe & Hoe & Low Down Press), Horicon, Wis.
Wayne Works, Richmond, Ind.

Drills (Grain & Fertilizer Combined)

See Drills, Grain

Drills (Hammer)

See Drills, Rock, Air Hammer

Drills (Hammer, Brick & Stone)

See Drills, Brick & Stone

4038— Drills (Hand Power)

Buffalo Forge Co. (Hand, Pulley & Motor Driven), Buffalo, N. Y.
Champion Blower & Forge Co., Lancaster, Pa.
Chicago Expansion Bolt Co. ("Chicago"), 111 N Jefferson, Chicago, Ill.
Fortuna Machine Co., 127 Duane, New York
Fray Jno. S. Co. (Malleable Iron Frame), Bridgeport, Conn.
Goodell-Pratt Co. (Double Geared, etc), Greenfield, Mass.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Jones E. D. & Sons Co. (For Metal), Pittsfield, Mass.
Luther Grinder Mfg. Co. ("Luther" Bench), 285 S Water, Milwuakee, Wis.
Millers Falls Co. (Ball Bearing), Millers Falls, Mass.
North Bros. Mfg. Co. ("Yankee," Automatic & Reciprocating, for Carpenters, etc), cor N American & Lehigh av, Phila., Pa.
Rutschman Oscar F., 1906 E Westmoreland, Phila., Pa.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill.
See adv index at end of book
U. S. Electrical Tool Co., Cincinnati, O.
Upton & Gilman Machine Co. (With Screw Feed & Chain Attachment), Lowell, Mass.

Drills (High Speed)

See Drills, Twist, High Speed

4039— Drills (Joist)

Bowlus Mfg. Co. ("Bowlus"), Springfield, Ohio.

4040—*Drills (Machine for Drilling Concrete)

DIAMOND EXPANSION BOLT CO. ("Rapid Fire"), 89 West, New York
See adv index at end of book

4041—Drills (Marble & Granite)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Lincoln Iron Works, Rutland, Vt.
Meyers Willard F. Machine Co., 614 Hamilton, Astoria, N. Y.
Vogl Tool Co., 912 E 19th, Kansas City, Mo.

4042— Drills (Mine Ratchet)

Jones Machine & Foundry Co. ("Jones'" Reversible), Chattanooga, Tenn.
Nixon Mining Drill Co., Chattanooga, Tenn.
Peglar Machinery Co., Chattanooga, Tenn.
What Cheer Tool Co. ("Moser"), What Cheer, Ia.

4043—Drills (Mine, Self-Feeding)

Ohio Brass Co., Mansfield, O.

Drills (Multiple Spindle)

See Drilling Machines, Multiple Spindle

4044— Drills (Onion)

Allen S. L. & Co. ("Planet Jr." Single Row), Denckla bldg, Phila., Pa.
Bacon Mfg. Co. ("Bacon" Two Row), Pontiac, Mich.
Genung C. W. ("Iron King" Single Row), Madison, O.

4045— Drills (Paper)

Hickok W. O. Mfg. Co., Harrisburg, Pa.

4046— Drills (Pipe)

Star Expansion Bolt Co. ("Star"), 147 Cedar, New York
Steward & Romaine Mfg. Co., 124 N 6th, Phila., Pa.

4047—*Drills (Pipe & Star Face)

DIAMOND EXPANSION BOLT CO., 89 West, New York
See adv index at end of book

Drills (Piston Air)

See Pneumatic Piston Drills

Drills (Plug)

See Pneumatic Plug Drillers

Drills (Portable)

See Drilling Machines, Portable

4048— Drills (Post)

See also Drills, Blacksmith's

Aurora Tool Works, Aurora, Ind.
Buffalo Forge Co. (Floor & Bench), Buffalo, N. Y.
Canedy-Otto Mfg. Co. ("Western Chief," Automatic Self-Feed), Chicago Heights, Ill.
Champion Blower & Forge Co. ("Champion" Self-Feed, etc), Lancaster, Pa.
Goodell-Pratt Co. (Or Wall), Greenfield, Mass.
Illinois Iron & Bolt Co. ("Handy" & "Bailey" Ball Bearing, Hand or Power), Carpentersville, Ill.
Kane & Roach, Syracuse, N. Y.
Luther Grinder Mfg. Co., 285 S Water, Milwaukee, Wis.
Noyes B. B. & Co., Greenfield, Mass.
Potts D. H. Co., Lancaster, Pa.
Reed Francis Co., Worcester, Mass.
Silver Mfg. Co., Salem, O.
SMITH & HEMMENWAY CO., 261 B'way, New York, & 130 Coit, Irvington, N. J.
See adv index at end of book

4049— Drills (Post Mining)

Beall Brothers, Inc., Alton, Ill.
Fulton Tool Co., Huntington, W. Va.
Howell Mining Drill Co. (Ball Bearing, Heavy Geared), Plymouth, Pa.
What Cheer Tool Co. ("Walkers," "Little Jap"), What Cheer, Ia.
Whitcomb Geo. D. Co. ("Whitcomb"), Rochelle, Ill.

4050—Drills (Prospecting, Hand or Power)

American Well Works (Power Only), Aurora, Ill. *See adv index at end of book*
Armstrong Mfg. Co. (Kerosene & Oil Engine or Elec. Motor Power), Waterloo, Ia.
Birdsboro Steel Foundry & Machine Co. ("Diamond"), Birdsboro, Pa.
Ingersoll-Rand Co. 11 Broadway, New York. *See adv index at end of book*
KEYSTONE DRILLER CO. (Power Prospecting), Beaver Falls, Pa.
Muench George (Hand), Stamford, Conn.
New York Engineering Co. ("Empire" Hand), 2 Rector, New York
Sparta Iron Works Co., Sparta, Wis.
Sullivan Machinery Co. ("Diamond" Core), Peoples Gas bldg, Chicago, Ill.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.

4050a— Drills (Radial)

See also Drilling Machines, Radial

SIMMONS MACHINE CO., INC., 987 B'way, Albany, N. Y.
See adv index at end of book

4050b—*Drills (Rail Bonding)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book

4051—Drills (Railway Track)

Aldon Co. ("Standard," "Biland" Paulus Pattern Automatic Feed), 3338 W Ravenswood av, Chicago, Ill.
Bissell F. Co. ("Security"), Toledo, O.
Buda Co. ("Hyduty" Automatic Feed & "Buda-Wilson" for Bonding Work), Railway Exchange bldg, Chicago, Ill.
CHICAGO PNEUMATIC TOOL CO. ("Duntley" Electric), Fisher bldg, Chicago, Ill. *See adv index at end of book*
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Coates Clipper Mfg. Co., Worcester, Mass.
Crerar, Adams & Co. ("Calumet-Paxton"), 259 E Erie, Chicago, Ill.
Fairbanks, Morse & Co. ("Sheffield" Self-Feeding), 900 S Wabash av, Chicago, Ill.
Gallagher Bernard, Lynn, Mass.
Goodell-Pratt Co., Greenfield, Mass.
Handlan-Buck Mfg. Co. ("Handlan," "Paulus," "Beland," "Underwood," "Champion," "Noble" & "Union Pacific"), 210-14 N 3rd, St. Louis, Mo.
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Johnson Isaac G. & Co. ("Victor"), Spuyten Duyvil, New York
Johnston & Jennings Co. ("Ludlow" Electric), Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
Kalamazoo Railway Supply Co. ("Moore"), Kalamazoo, Mich.
Lincoln-Williams Twist Drill Co., Taunton, Mass.
Lovejoy Tool Works, 319 W Ohio, Chicago, Ill.
LOWELL WRENCH CO. ("L. X. L." Reversible Ratchet), 54 Commercial, Worcester, Mass.
See adv index at end of book
Michigan Machinery Mfg. Co., ("Sweet"), Ypsilanti, Mich.

Millers Falls Co., 28 Warren, New York
National-Standard Co. ("Standard," "Climax"), Box 211, Niles, Mich.
Pettibone, Mulliken & Co. ("Ball," "Union," "Perfection"), 140 S Dearborn, Chicago, Ill.
Pratt & Whitney Co. ("Renshaw"), Hartford, Conn.
Rich Tool Co., Railway Ex., Chicago, Ill.
Sheffield Car Co., Three Rivers, Mich.
Signal Accessories Co., Utica, N. Y.
Standard Tool Co., 6900 Central av, Cleveland, O.
Stow Mfg. Co. (Flexible Shaft), Binghamton, N. Y.

4052— Drills (Ratchet)

Armstrong Bros. Tool Co. ("Armstrong" Universal, Short, Standard & Packer), 339 N Francisco av, Chicago, Ill.
Ashcroft Mfg. Co., 119 W 40th, New York
Bagshaw & Field (Flat), 445 N 5th, Phila., Pa.
Billings & Spencer Co. (Double-Acting "Packer" for Flat & Square Shank Drills), Hartford, Conn.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Brewer Bros. Co., 614 Filbert, Phila., Pa.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Detroit Twist Drill Co., 555 Fort, Detroit, Mich. *See adv index at end of book*
Gallagher Mfg. Co. ("Universal"), Lynn, Mass.
Goodell-Pratt Co., Greenfield, Mass.
Irving Mfg. & Tool Co. ("Weston's" Packer), 157 Chambers, New York
Keystone Mfg. Co. ("Monarch," "Keystone," "Giant," "Weston"), Buffalo, N. Y.
Kilborn & Bishop Co. ("Navy"), New Haven, Conn.
King A. R. Mfg. Co. ("Packer"), Kingston, N. Y.
Lincoln-Williams Twist Drill Co., Taunton, Mass.
Lovejoy Tool Works ("Packer"), 319 W Ohio, Chicago, Ill.
LOWELL WRENCH CO. ("S. T. D." Reversible), 54 Commercial, Worcester, Mass. *See adv index at end of book*
McCarthy Drill & Tool Corp., Toledo, O.
Millers Falls Co. (Flat), 28 Warren, New York
Parker Chas. Co., Meriden, Conn.
Peck, Stow & Wilcox Co., Southington, Conn.
Pratt & Whitney Co. ("Renshaw"), Hartford, Conn.
Reed Francis Co. (Plain & Geared), Worcester, Mass.
Standard Tool Co., 6900 Central av, Cleveland, O.
Stortz John & Son (Flat & Pipe), 210 Vine, Phila., Pa.
Whitman & Barnes Mfg. Co., Akron, O. *See adv index at end of book*

4053— Drills (Rice Planting)

American Seeding Machine Co. ("Buckeye," "Farmer's Favorite," "Superior"), Springfield, O.
Fetzer & Co. ("Columbia," "Plymouth," "Southern," "McSherry" & Fetzer"), Springfield, Ill.
Genesee Valley Mfg. Co. ("Missouri"), Mt. Morris, N. Y.
Hayes Pump & Planter Co. ("Sucker State"), Galva, Ill.
Moline Plow Co. ("Monitor"), Moline, Ill.
Peoria Drill & Seeder Co., Peoria, Ill.
Thomas Mfg. Co. ("Thomas"), Springfield, O.
Wayne Works, Richmond, Ind.

Drills (Rock, Air)

See Pneumatic Rock Drills

4054—Drills (Rock, Air Hammer)

(For Mining & Construction)

Carnahan C. T. Mfg. Co., Denver, Colo.
Denver Rock Drill Mfg. Co ("Waugh" Drifting, Stopping & Sinking), Denver, Col.
Fairbanks, Morse & Co. ("Sinclair"), 900 S Wabash av Chicago, Ill.
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*
Shaw C. H. Pneumatic Tool Co., Denver, Colo.
Sullivan Machinery Co., People's Gas bldg, Chicago, Ill.
Whitcomb Geo. D. Co., Rochelle, Ill.

4055—Drills, (Rock, Autotraction)

Ingersoll-Rand Co., 11 B'way, New York *See adv index at end of book*

4056—Drills (Rock, Compressed Air)

Compressed Air & General Machinery Co. **("Giant"), 39 Stevenson, San Francisco, Cal.**
General Machinery & Supply Co., 39 Stevenson, San Francisco, Cal.
Howell's Mining Drill Co., Plymouth, Pa.
INGERSOLL-RAND CO. ("Sergeant," "Butterfly," "Leyner - Ingersoll," **"Jackhamer," "Bull Moose," "Stopehamer"), 11 B'way, New York** *See adv index at end of book*
McKiernan-Terry Drill Co., 15 Park row, New York
Rix Compressed Air & Drill Co. ("Torpedo Baby Drill), 505 Howard, San Francisco, Cal.
Rogers Jno. M. Works, Gloucester City, N. J.
Schramm Chris. D. & Son (Up to 6′ Holes, in any Rock, Self Rotating Drill up to 12′ Holes), 308 N 4th, Phila., Pa.
Shaw C. H., Pneumatic Tool Co., Denver, Colo.

4057—Drills (Rock, Electric)

American Well Works, Aurora, Ill. *See adv index at end of book*
Armstrong Mfg. Co., Waterloo, Ia.
Dulles-Baldwin Elec. Drill Co., 220 W 42d, New York
Fowden Gasoline & Electric Rock Drill Co., 4th & Walnut, Phila., Pa.
GENERAL ELECTRIC CO., Schenectady, New York *See adv index at end of book*
Howell's Mining Drill Co., Plymouth, Pa.
Marvin Electric Drill Co., Binghamton, N. Y.
Mine & Smelter Supply Co. ("Durkee"), 42 B'way, New York
Morgan-Gardner Electric Co., 27th & Shields av, Chicago, Ill.
Pneumelectric Machine Co., Syracuse, N.Y.

4058—*Drills (Rock, Electric Air)

See also Drills, Rock, Electric

Ingersoll-Rand Co., 11 B'way, New York *See adv index at end of book*

4059—Drills (Rock, Gasoline)

Armstrong Mfg. Co., Waterloo, Ia.
Fowden Gasoline & Electric Rock Drill 4th & Walnut, Phila., Pa.
Ingersoll-Rand Co., 11 B'way, New York *See adv index at end of book*
Scott Drill Co. ("Scott"), Bk. of Commerce bldg, St. Louis, Mo.

4060— Drills (Rock, Hand)

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill. *See adv index at end of book*
Cleveland Rock Drill Co., Cleveland, O.
Denver Rock Drill Mfg. Co. ("Waugh" Hand Sinker), Denver, Colo.
Ingersoll-Rand Co. ("Jackhamer," "Bull Moose," "Invincible"), 11 Broadway, New York *See adv index at end of book*
Vogl Tool Co., 912 E 19th, Kansas City, Mo.

4061— Drills (Rock, Steam)

See also Drills, Rock, Electric; also Pneumatic Rock Drills

Acme Road Machinery Co., Frankfort, N. Y.
Armstrong Mfg. Co., Waterloo, Ia.
Carnahan C. T. Mfg. Co., Denver, Colo.
CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill. *See adv index at end of book*
Cleveland Rock Drill Co. ("Cleveland"), Cleveland, O.
Compressed Air & General Machinery Co. **("Giant" Compressed Air), 39 Stevenson, San Francisco, Cal.**
Denver Rock Drill Mfg. Co. ("Waugh," for Stopping, Sinking & Drifting), Denver, Colo.
General Mach. & Supply Co., 39 Stevenson, San Francisco, Cal.
Hardsocg Wonder Drill Co. (Reciprocating or Piston), Ottumwa, Ia.
INGERSOLL-RAND CO. ("Sergeant," "Leyner - Ingersoll," "Jackhamer," "Butterfly"), 11 B'way, New York *See adv index at end of book*
Le Grand Mine Drill Wks. (Coal & Rock Mine), Wilkes-Barre, Pa.
McKiernan-Terry Drill Co., 15 Park row, New York
Mine & Smelter Supply Co. ("Holman"), 42 B'way, New York
Rogers John M. Works, Gloucester City, N. J.
Sullivan Machinery Co. (Steam or Air), Peoples Gas bldg, Chicago, Ill.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
Vogl Tool Co., 912 E 19th, Kansas City, Mo.
Wickes Machy. Co. ("Murphy's" Little Champion), Jersey City, N. J.

4062-3— Drills (Rose)

Racky Albert C. 531 S 5th av, Chicago, Ill.

Drills (Sensitive)

See Drilling Machines, Sensitive

4064— Drills (Shell)

Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Lincoln-Williams Twist Drill Co., Taunton, Mass.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Yonts C. H. & Co. (Combination), Meadville, Pa.

4065— Drills (Slate)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Nixon Mining Drill Co., Chattanooga, Tenn.
Ruggles Machine Co., Poultney, Vt.

4066— Drills (Star)

See also Drills, Brick & Stone

Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.
Bagshaw & Field, 445 N 5th, Phila., Pa.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Brewer Bros. Co., 614 Filbert, Phila., Pa.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Carver Tool Works, Spring Valley, N. Y.
Duffy Mfg. Co., 214 W Grand av, Chicago, Ill.
Eagle Tool Works, Bayonne, N. J.
Kilborn & Bishop Co., New Haven, Conn.
Mechanical Specialties Co., 122 S Michigan av, Chicago, Ill.
Mound Tool Co., 1203 S 7th, St. Louis, Mo.
Racky Albert C., 531 S 5th av, Chicago, Ill.
Steward & Romaine Mfg. Co., 124 N 6th, Phila., Pa.
Stortz Jno. & Son (Stone), 210 Vine, Phila., Pa.
Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.
United States Expansion Bolt Co. (For Brick & Stone), 25 Elm, New York
Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.
Vichek Tool Co. ("Vichek"), 10711 Quincy av, Cleveland, O.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.

4067— Drills (Stove)

Wolverine Brass Works, Grand Rapids, Mich.
Yonts C. H. & Co., Meadville, Pa.

Drills (Suspension)

See Drilling Machines, Suspension

4068— Drills (Tamp Churn)

Armstrong Mfg. Co., Waterloo, Ia.
Hardsocg Mfg. Co. (Iron & Copper), Ottumwa, Ia.
Hardsocg Wonder Drill Co. (Copper), Ottumwa, Ia.
Sparta Iron Works Co., Sparta, Wis.
What Cheer Tool Co. (Iron & Copper for Coal Mining), What Cheer, Ia.

4069— Drills (Tap)

Card S. W. Mfg. Co., Mansfield, Mass.
Chicago Screw Co. (For Machine Screw Taps), 13 N Jefferson, Chicago, Ill.
Detroit Twist Drill Co., 555 Fort, Detroit, Mich. *See adv index at end of book*
KNAPP ARTHUR ENGINEERING CORP., 30 Church, New York
See adv index at end of book
Morse Twist Drill & Machine Co., New Bedford, Mass.
Pratt & Whitney Co., Hartford, Conn.
Ryerson Jos. T. & Son ("Ryerson-Forged"), 2558 W 16th, Chicago, Ill.
See adv index at end of book
Standard Tool Co., 6900 Central av, Cleveland, O.
Union Twist Drill Co., Athol, Mass.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book

4070—*Drills (Taper Shank)

Ryerson Jos. T. & Son ("Ryerson-Forged"), 2558 W 16th, Chicago, Ill.
See adv index at end of book

Drills (Track)

See Drills, Railway Track

Drills (Traverse)

See Drilling Machines, Traverse

Drills (Turret)

See Drilling Machines, Turret

4071— Drills (Twist)

Buckeye Twist Drill Co., Alliance, O.
Clark Equipment Co. ("Celfor"), Buchanan, Mich.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
COLONIAL SUPPLY CO., 217 Water, Pittsburgh, Pa.
See adv index at end of book
Detroit Twist Drill Co. ("Graham" Straight & Taper), 555 Fort, Detroit, Mich.
See adv index at end of book
Down Tool Works, Fleetwood, Pa.
Ebstein Bros. ("Gladium" Imp.), 127 Duane, New York
Etna Co., Taunton, Mass.
FRASSE PETER A. & CO. (INC.) (Jobbers), 417 Canal, New York
See adv index at end of book
Lincoln Twist Drill Co. (and Reamers), Taunton, Mass.
Lincoln-Williams Twist Drill Co. ("Pioneer," "Lincoln," "L-W" High Speed), Taunton, Mass.
McCarthy Drill & Tool Corp. ("Ellery"), Toledo, O.
Morse Twist Drill & Machine Co., New Bedford, Mass.
National Twist Drill & Tool Co. ("National"), Detroit, Mich.
New Process Twist Drill Co. (Taper Shank), Taunton, Mass.
Pratt & Whitney Co., Hartford, Conn.
Rich Tool Co., Ry. Exchange bldg, Chicago, Ill.
Rogers H. A. Co. ("Morse" Jobbers), 87 Walker, New York
See adv index at end of book
Ryerson Jos. T. & Son ("Ryerson-Forged"), 2558 W 16th, Chicago, Ill.
See adv index at end of book
Standard Tool Co., 6900 Central av, Cleveland, O.
Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.
Union Twist Drill Co., Athol, Mass.
WHITMAN & BARNES MFG. CO. (W. & B. Diamond" Carbon), Akron, O.
See adv index at end of book

4072—Drills (Twist, High Speed)

Buckeye Twist Drill Co. ("Buckeye"), Alliance, O.
Clark Equipment Co. ("Celfor"), Buchanan, Mich.
Cleveland Twist Drill Co. ("Paragon"), 1 E 49th, Cleveland, O.
Detroit Twist Drill Co., 555 Fort, Detroit, Mich. *See adv index at end of book*
FRASSE PETER A. & CO. (INC.) (Jobbers), 417 Canal, New York
See adv index at end of book
High Speed Tools Corp., 43 Exchange pl, New York
McCarthy Drill & Tool Corp., Toledo, O.
Morse Twist Drill & Machine Co., New Bedford, Mass.
New Process Twist Drill Co. ("Vanadium"), Taunton, Mass.
Pratt & Whitney Co., Hartford, Conn.
Rich Tool Co., Ry. Exch. bldg, Chicago, Ill.
Ryerson Jos. T. & Son ("Ryerson-Forged"), 2558 W 16th, Chicago, Ill.
See adv index at end of book
Standard Tool Co., 6900 Central av, Cleveland, O.
Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.
Union Twist Drill Co., Athol, Mass.
WHITMAN & BARNES MFG. CO. ("Hercules," "W. & B. Diamond"), Akron, O. *See adv index at end of book*

Drills (Universal)

See Drilling Machines, Universal Radial

Drills (Upright)

See Drilling Machines, Vertical

4073-4— *Drills (Wagon)

Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book

4075—Drills & Bits (Electricians')

See also Drills, Hammer, Brick & Stone
American Plaster Drill Co., 122 Troop av, New York
Bagshaw & Field, 445 N 5th, Phila., Pa.
Cincinnati Tool Co. ("Hargraves"), Norwood, Cincinnati, O.
See adv index at end of book
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Daugherty-Smith-Phillips Co., 502 W Division, Chicago, Ill.
Detroit Twist Drill Co., 555 Fort, Detroit, Mich. *See adv index at end of book*
Deuse J. S. (Bits & Gimlets), Chester, Conn.
Diamond Expansion Bolt Co., 89 West, New York. *See adv index at end of book*
Dicke Tool Co., Downers Grove, Ill.
Ford Auger Bit Co. ("Ford"), Holyoke, Mass.
Forest City Bit & Tool Co., Rockford, Ill.
Ives W. A. Mfg. Co. ("Mephisto"), Wallingford, Conn.
Kraeuter & Co. (For Brick & Stone), 583 18th av, Newark, N. J.
Lebanon Mach. Co., Lebanon, N. H.
Mayhew H. H. Co., Shelburne Falls, Mass.
Millers Falls Co., Millers Falls, Mass.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Nat. Twist Drill & Tool Co., Brush nr E Grand blvd, Detroit, Mich.
Pugh Job T., 31st & Ludlow, Phila, Pa.
SMITH & HEMENWAY CO., INC. ("Red Devil"), 261 B'way, New York, & 130 Coit, Irvington, N. J.
See adv index at end of book
Snell Mfg. Co., Fiskdale, Mass.
Standard Tool Co., 6900 Central av, Cleveland, O.
Star Bit & Tool Co., Rockford, Ill.
Star Expansion Bolt Co., 149 Cedar, New York
Stortz John & Son, 210 Vine, Phila., Pa.
Swan James Co., Seymour, Conn.
Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.
Union Twist Drill Co., Athol, Mass.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book
Wisconsin Elec. Co. ("Dumore"), 1600 Junction av, Racine, Wis.
See adv index at end of book

4076-7—Drills & Listers (Combined)

Gale Mfg. Co. (Riding & Walking), Albion, Mich.
Moline Plow Co. ("Puritan" Walking, "Tri Belle," & "Western Belle" Riding), Moline, Ill.
Racine-Sattley Co., Springfield, Ill.
Rock Island Plow Co. ("Rock Island"), Rock Island, Ill.

Drinking Cups

See Cups, Drinking, Collapsible; also Cups, Paper

4078— Drips (Gauge Cock)

Knapp Mfg. & Supply Co., 241 Water, New York

4079— Drivers (Bolt)

Armstrong Bros. Tool Co. ("Armstrong"), 339 N Francisco av, Chicago, Ill.

4080— Drivers (Brad)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book

4081—Drivers (Coopers' Hoop)

Brewer Bros. Co. (Steel), 614 Filbert, Phila., Pa.
Drew C. & Co., Kingston, Mass.
Piqua Handle & Mfg. Co. (Wood), P. O. Box 307, Piqua, O.
Stanley Rule & Level Co. (Atha Div.), New Britain, Conn.
Stortz John & Son, 210 Vine, Phila., Pa.
Stossel Carl & Co., Front Royal, Va.
White L. & I. J. Co. (Solid Steel, Also Hickory Wood), 120 Columbia, Buffalo, N. Y.

4082— Drivers (Staple)

McIntire & Co., Port Chester, N. Y.
SMITH & HEMENWAY CO., INC., 261 B'way, New York, & 130 Coit, Irvington, N. J.
See adv index at end of book

4083— *Drives (Angle)

Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section

Drives (Chain)

See Chains, Power Transmission

4085—*Drives (Chain, for Dryers)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book

4086— *Drives (Gear)

LINK-BELT CO. (Silent Chain), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book

Drives (Power)

See Drives, Rope; Drives, Gears; Machinery, Power Transmitting

4087— Drives (Rope)

Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
Cresson-Morris Co., Allegheny & 18th, Phila., Pa.

DODGE SALES & ENGINEERING CO. (Rope transmission of power), Mishawaka, Ind.
Hill Clutch Co., 1000 W 58th, Cleveland, Ohio
Howe Scale Co. of Illinois, 1315 S Wabash av, Chicago, Ill.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
Meese & Gottfried Co., 660 Mission, San Francisco, Cal.
Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.
Skillin & Richards Mfg. Co., 4520 Cortland, Chicago, Ill.
Stephens-Adamson Mfg. Co., Aurora, Ill.
Strait H. N. Mfg. Co. (Vertical or Horizontal), Kansas City, Kans.
Webster Mfg. Co., Tiffin, O.
Wolf Co., Chambersburg, Pa.

Drives (Silent Chain)

See Chains, Power Transmission

4088—*Drives (Speedometer & Tascemeter)

Webb Mfg. Co., Ft. of Centre, Newark, N. J. *See adv index at end of book*

4089— Drop Black

Binney & Smith Co., 81 Fulton, New York
Coulston J. W. & Co. (Imp), 80 Maiden la, New York
Doggett Stanley (Imp), 11 Cliff, New York
Osborn C. J. Co. (Imported), 132 Nassau, New York
Scheel Wm. H. (Imp.), 159 Maiden la, New York
Seaver & Co., 120 Milk, Boston, Mass.
Siemon & Elting, 99 Nassau, New York
Smith J. Lee & Co. (Imported), 19 Jacob, New York

4090— Droppers (Medicine)

Parker-Stearns & Co. (Glass, Rubber Bulb), 286 Sheffield av, Brooklyn, N. Y.
Raley Rubber Co., New Haven, Conn.
Tyer Rubber Co. (Glass, Rubber Bulb), Andover, Mass.

4091—Drops (Package & Letter)

Champion Hardware Co. ("Champion"), Geneva, O.
Eagle Lock Co., Terryville, Conn.
Highton Wm. & Sons Co., Nashua, N. H.

4092— Drops & Pins

Auer John, Jr. (Japanned on Plates with Staples, or with Screw Eyes), 197 Middleton, Brooklyn, N. Y.

4093— Dross (Metal)

Eagle Smelting & Refining Works, 233 B'way, New York
Hanshaft Max, 262 Front, New York
Henning V. & Sons, 330 Belmont av, Brooklyn, N. Y.
Kramer H. & Co. (Dross & Skimmings), 730 S Canal, Chicago, Ill.
Loraine Smelting & Refining Co., 25 N Dearborn, Chicago, Ill.
Nassau Smelting & Refining Works, 607 W 29th, New York
Smith Morton B. Co., 241 Front, New York
Union Smelting & Refining Co., St. Charles, Newark, N. J.
See adv index at end of book

Drug Store Fixtures

See Store & Bar Fixtures

Drums (Barking)

See Wood Barking Machines

4094-5— Drums (Brake)

BOSSERT CORPORATION, THE (Pressed Steel), Utica, N. Y.
See adv index at end of book
Buffalo Pressed Steel Co., 800 Kensington av, Buffalo, N. Y.
Chicago Steel Foundry Co., 3701 Kedzie av, Chicago, Ill.
Clark Edward S., Boston, Mass.
Crosby Co., 183 Pratt, Buffalo, N. Y.
Cullmon Wheel Co., 1346 Altgeld, Chicago, Ill.
Detroit Pressed Steel Co. (Pressed Steel), Detroit, Mich.
Federal Pressed Steel Co., Keefe av & N Pierce, Milwaukee, Wis.
Gier Pressed Steel Co., Lansing, Mich.
Globe Machine & Stamping Co. (Pressed Steel), Cleveland, O.
Hydraulic Pressed Steel Co., Cleveland, O.
Kelsey Wheel Co., 1208 Military av, Detroit, Mich.
Matthews H. A. Mfg. Co., Seymour, Conn.
Muncie Gear Works ("Muncie"), Muncie, Ind.
Neustadt Auto & Supply Co., 3200 Locust, St. Louis, Mo.
Royal Equipment Co., Bridgeport, Conn.
Sharon Steel Hoop Co. (For Automobile), Sharon, Pa.
Worcester Pressed Steel Co. ("Presteel"), Worcester, Mass.

4096—*Drums (Glycerine & Oil)

SCAIFE WM. B. & SONS CO., First Nat'l Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

Drums (Hoisting)

See Engines, Hoisting; also Engines, Hoisting, Contractors'

4097— Drums (Incline)

(Incline Drums & Machinery)

Helmick Foundry & Machine Co., Fairmount, W. Va.
Niles Mine & Mill Supply Co., Citizens bldg, Cleveland, O., & Niles, O.
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Phillips Mine & Mill Supply Co., 2227 Jane, Pittsburgh, Pa.
Sanford-Day Iron Works, Knoxville, Tenn.
Savage W. J. Co. (Gravity), Knoxville, Tenn.
South Side Foundry & Machine Works, Charleston, W. Va.
Stine J. C. Co., Tyrone, Pa.

4098— Drums (Iron)

du Pont (E. I.) de Nemours & Co. (By-Products Div.), Wilmington, Del.
Toledo Steel Barrel Co., Corn Exchange bldg, Chicago, Ill.
United Lead Co. (Lead Lined Acid Proof), 111 B'way, New York

4099— Drums (Malting)

Galland-Henning Mfg. Co. (Pneumatic), Milwaukee, Wis.

4100—Drums (Pneumatic Sanding)

Redin, Ekstrom & Co., Rockford, Ill.

4101—Drums (Rope Driving)

Dodge Sales & Engineering Co., Mishawaka, Ind.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Vulcan Iron Works, Wilkes-Barre, Pa.
Woonsocket Machine & Press Co., Woonsocket, R. I.

4102— Drums (Sand)

Cummer F. D. & Son Co. (For Asphalt Plants), Superior Arcade, Cleveland, Ohio *See adv index at end of book*
Roberts & Schaefer Co. ("Tyrone" Automatic), 332 S Mich. av, Chicago, Ill.

4103—Drums (Steam or Mud)

East Jersey Pipe Corp., Paterson, N. J.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
Manitowoc Engineering Works, Manitowoc, Wis.
See adv index at end of book
Murray Iron Works Co., Burlington, Ia.
Petroleum Iron Works Co., Sharon, Pa.
Walsh & Weidner Boiler Co., Chattanooga, Tenn. *See adv index at end of book*

4104— Drums (Steel)

Atlas Engineering Co., Amherst, O.
See adv index at end of book
BERTELS W. B. & SON CO., INC. (Lock Cover Shipping Drums), Wilkes-Barre, Pa.
Heltzel Steel Form & Iron Co., Warren, O.
See adv index at end of book
Pressed Steel Products Co., Sharon, Pa.

Drums (Steel Shipping)

See Barrels, Steel Shipping

Drums (Vacuum Drying)

See Dryers, Vacuum

4105— Drums (Wax Chilling)

Moore Sam'l L. & Sons, Elizabeth, N. J.

Drums (Welded)

See Cylinders, Welded

4106— Drums (Winding)

See also Pneumatic Winding Drums
American Clay Machinery Co., S Walnut, Bucyrus, O.
American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago,. Ill
American Road Machinery Co., Kennett Square, Pa.
Bonnot Co., Canton, O.
Dodge Sales & Engineering Co., Mishawaka, Ind.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Potts C. & A. Co., Indianapolis, Ind.
Steele J. C. & Sons, Statesville, N. C.

4106a— *Drumsticks

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Dry Colors

See Color Manufacturers

4107—Dry Docks (Steel, Floating)

American Bridge Co., 30 Church, New York
Bethlehem Steel Co., So. Bethlehem, Pa.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book

4108—Dry Docks & Marine Railways

See also Shipbuilders

ALABAMA.

MOBILE—Alabama Dry Dock & Shipbuilding Co.

CALIFORNIA.

LOS ANGELES—Los Angeles Shipbuilding & Dry Dock Co.
OAKLAND—Hanlon Dry Dock & Shipbuilding Co.
SAN FRANCISCO—Hall Bros. Marine Railway & Shipbuilding Co. (Marine Railway), 312 California
Moore & Scott Iron Works, 678 2d
Pacific Shipyards & Ways Co., 24 California
South San Francisco Dock Co.
Union Iron Works Co., 20th & Michigan
United Engineering Works, Clunie bldg

CONNECTICUT.

GILDERSLEEVE — Gildersleeve Ship Building Co.
NEW LONDON—Davidson W. H.
New London Marine & Iron Works
NOANK—Palmer Robt. & Son Ship Bldg. & Marine Ry. Co.

DELAWARE.

WILMINGTON—Amer. Car & Foundry Co.
Harlan & Hollingsworth Corporation, ft West
Pusey & Jones Co. (Marine Railway), ft. Poplar

FLORIDA.

JACKSONVILLE — Merrill-Stevens Shipbuilding Corp.
TAMPA—Tampa Steam Ways Co.

GEORGIA.

SAVANNAH—Kehoe Iron Works
Rourke John & Sons

ILLINOIS.

CHICAGO—Chicago Ship Building Co. (Dry Docks), 101st & Calumet River

INDIANA.

JEFFERSONVILLE—Howard Ship Yards Co.

LOUISIANA.

SLIDELL—Slidell Dry Dock & Ship Building Co.

MAINE.

BOOTHBAY HARBOR—Townsend Marine Railway & Constr. Co.
PORTLAND—Portland Shipbuilding Co.
ROCKLAND—Snow I. L. & Co.

MARYLAND.

BALTIMORE—Baltimore Dry Dock & Ship Building Co., Locust Point
Beacham J. S. & Bro., Covington, ft of Warren av
Booz Bros., ft of Montgomery
Cahill W. S. Co., ft of Webster
Chesapeake Marine Railway Co., Philpot cor. Point
Marine Engine & Boiler Co., Philpot & Point
Reeder Oliver & Son, Key Highway & Covington
Spedden Ship Building Co., Boston & Kenwood
Woodall Wm. E. & Co., ft of Woodall
SHARPTOWN — Sharptown Marine Railway Co.
SPARROWS POINT—Maryland Steel Co. (Dry Dock & Marine Railway)
WHITEHAVEN—Catlin W. J. & Bro.

MASSACHUSETTS.

BOSTON—Atlantic Works, 80 Border, E B
Crandall Engineering Co., 102 Border, E B
Ellis W H & Son Co., 479 Meridian
Lawler Bros., 16 City sq, Chtn
Lockwood Mfg. Co., (Marine Railway), 65 Sumner E B
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Poekel T. Sch. & Co., Neponset
Rendle W. S., 135 Prescott, E B
Simpson's Dry Dock Co., E B
GLOUCESTER—Burnham Bros. (Railway)
Rocky Neck Marine Railway Co.
MARBLEHEAD—*Frazier J. H. (Railway)

MICHIGAN.

BAY CITY—Davidson Jas. (Dry Docks Only)
CHARLEVOIX—Washburn O. S. & Son
DETROIT—American Boat Co. (Marine Railways)
Detroit Shipbuilding Co. (Dry Docks)
Dupuis A. J. Co., Ford bldg
Griffin M. J., 169 Stanton av
HOUGHTON—Croze Jos.

NEW JERSEY.

BAYONNE—Higgins William
Lankford Robt.
HOBOKEN—Tietjen & Lang Dry Dock Co.
JERSEY CITY—Brown Dry Dock Co., ft Morris
Burt & Mitchell Co., ft Morris
Grymes Engng. Co., Morris
Barge & Lighter Repair Co., Inc., ft. of Henderson
Vulcan Iron Wks, ft Morris
KEYPORT—Keyport Dry Dock Co.
PERTH AMBOY—Perth Amboy Dry Dock Co.
Raritan Dry Dock Co.
WEEHAWKEN—Union Dry Dock & Repair Co.
Weehawken Dry Dock Co.

NEW YORK.

BUFFALO—Buffalo Dry Dock Co.
Riley's Dry Dock Co., ft Mechanic
GREENPORT—Greenport Basin & Const. Co.
KINGSTON—Hiltebrant Conrad Dry Dock Co.

NEW YORK CITY.

Borough of Brooklyn

BROOKLYN—Atlantic Dock Co., 1 N Pier, Atlantic Bsn
Crane's Theo. A. Sons Co., ft Columbia
Downing & Lawrence, ft Court
Erie Basin Dry Dock, ft of Beard & Long Dock
Gokey Wm. J. & Co., Erie Basin
Morse Dry Dock & Repair Co., ft 56th
New York Dry Dock & Repair Co., Erie Basin
Robins Dry Dock & Repair Co., Beard

Boroughs of Manhattan and Bronx.

NEW YORK—American Car & Foundry Co., 165 Broadway
Hunters Point Dry Docks, 1 B'way
McAllister Dry Dock & Shipyard Co., 24 State
McWilliams Frank, 1 B'way
Newport News Shipbuilding & Dry Dock Co., 233 B'way
Robins Dry Dock & Repair Co., 15 Whitehall
Shewan Jas. & Son, 1 B'way
Tregarthen Jas & Sons Co., ft 7th, E R

Borough of Richmond.

WEST NEW BRIGHTON—McAllister Dry Dock & Shipyard Co., Rich. ter

(End of New York City)

OGDENSBURG—St. Lawrence Marine Ry Co.
RYE—Milton Boat Works (Marine Rys)

NORTH CAROLINA.

WILMINGTON—Skinner Louis H.

OHIO.

CINCINNATI—Queen City Marine Railway Co., Eastern av & Waldon
CLEVELAND — American Ship Building Co., ft. of W 54th
ROCKY RIVER—Rocky River Dry Dock Co.
SANDUSKY—Lake Erie Dry Dock & Mill Co.
TOLEDO—Duncan Forge Co.
Gilmore Bros.
Toledo Shipbuilding Co.

PENNSYLVANIA.

PHILADELPHIA—Cramp Wm. & Sons Ship & Engine Building Co., Beach & Ball
PITTSBURGH—Baird Machinery Co., 123 Water

RHODE ISLAND.

EAST GREENWICH—Nock F. S.
PROVIDENCE—Providence Dry Dock & Marine Railway Co., E Providence

SOUTH CAROLINA.

CHARLESTON—Riverside Iron Works

TEXAS.

GALVESTON—Galveston Wharf. Co.
International Creosoting & Construction Co.

VIRGINIA.

NEWPORT NEWS—Newport News Ship Building & Dry Dock Co. (Dry Docks Only)
NORFOLK—Colonna Marine Railway Corp.
Core W. T.
Taylor Geo. T. Marine Railway Corp.
PORTSMOUTH—Portsmouth Marine Ry

WASHINGTON.

EVERETT—Everett Marine Ways, Inc.
SEATTLE—Ames Shipbuilding & Dry Dock Co.
Elliott Bay Dry Dock Co.
Puget Sound Bridge & Dredging Co.
Seattle Construction & Dry Dock Co.
Winslow Marine Railway & Ship Building Co.
WINSLOW—D. W. Hortzell, Inc.
Winslow Marine Railway & Ship Building Co.

WISCONSIN.

MANITOWOC — Manitowoc Shipbuilding Co. (Gravity & Floating Dry Docks)
MILWAUKEE—Milwaukee Dry Dock Co., ft Mineral
SUPERIOR—Superior Ship Building Co.

4108a—*Dryer & Calcining Apparatus

BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book

4109— Dryers (Argol)

Kalamazoo Sheet Metal Mfg. Co., Kalamazoo, Mich.

Dryers (Asbestos Rock)

See Dryers, Cement & Asphalt

4109a— *Dryers (Asphalt)

Cummer F. D. & Son Co., Superior Arcade, Cleveland, O. *See adv index at end of book*

CUMMER SAND & STONE DRYERS

Stationary and Portable

Also Complete Portable Asphalt Plants

THE F. D. CUMMER & SON CO.

Cleveland, Ohio, U. S. A.

4109b—*Dryers (Atmospheric Drum)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*

4109c—*Dryers (Atmospheric Rotary)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*

4110— Dryers (Beet Pulp)

American Blower Co., 1400 Russell, Detroit, Mich.
BARTLETT C. O. & SNOW CO., French st, Cleveland, O. *See adv index at end of book*
Jackson & Church Co. ("Petry & Hecking"), Saginaw, Mich.
KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa. *See adv index at end of book*
Manitowoc Engineering Works, Manitowoc, Wis.

4111— Dryers (Brick & Clay)

See also Kilns, Dry

American Blower Co., 1400 Russell, Detroit, Mich.
American Clay Machinery Co., S Walnut, Bucyrus, O.
American Process Co. (Clay), 68 William, New York
Atlas Dryer Co., Cleveland, O.
Atlas Engineering Co., Amherst, O. *See adv index at end of book*
BARTLETT C. O. & SNOW CO., French st, Cleveland, O. *See adv index at end of book*
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O. *See adv index at end of book*
Boss John C. Co. ("Boss"), Elkhart, Ind.
Chambers Bros. Co. (Brick), 52nd, bet Lancaster av, Phila., Pa.
Cummer F. D. & Son Co., Superior Arcade, Cleveland, O. *See adv index at end of book*
International Clay Machinery Co., Dayton, Ohio
KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa. *See adv index at end of book*
McDermott Bros. Co., Allentown, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Manufacturers Equipment Co. ("Justice," Radiated Heat & "Meco" Gas Fired Dryer), Dayton, O.
New York Blower Co., Archer av & Canal, Chicago, Ill. Works: Bucyrus, O.
Phila. Textile Machinery Co. ("Proctor"), Tabor, Phila., Pa.
Ruggles-Coles Engineering Co., 50 Church, New York
Standard Dry Kiln Co., Indianapolis, Ind.

4111a—*Dryers (Cartridge)

Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*

4112—Dryers (Cement & Asphalt)

ALLIS-CHALMERS MFG. CO. (Cement & Ore), Milwaukee, Wis. *See adv index at end of book*
American Blower Co., 1400 Russell, Detroit, Mich.
Atlas Dryer Co., Cleveland, O.
Atlas Engineering Co. (Asphalt), Amherst, O. ***See adv index at end of book***
BARTLETT C. O. & SNOW CO., French st, Cleveland, O. *See adv index at end of book*
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Cummer F. D. & Son Co., Superior Arcade, Cleveland, O. *See adv index at end of book*

CUMMER DIRECT HEAT DRYERS

For Coal, Stone, Shale and Clay. Easily erected. Hundreds in operation.

THE F. D. CUMMER & SON CO.

Cleveland, Ohio, U. S. A.

DOVER BOILER WORKS. Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa. *See adv index at end of book*
McDermott Bros. Co. (Asphalt), Allentown, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Ruggles-Coles Engineering Co., 50 Church, New York
Smith Theo. & Sons Co., ft Essex, Jersey City, N. J.
Sterritt-Thomas Foundry Co., 32d & Smallman. Pittsburgh, Pa.
Variety Iron & Steel Works Co., Hamilton av & E 40th, Cleveland, O.
Vulcan Iron Works, Wilkes-Barre, Pa.

4113—Dryers (Centrifugal, Metal Parts)

American Tool & Machine Co. ("Weston" for Drying Small Pieces that have been Coated, Japanned, Painted, Dipped, Plated or Washed), 10 High, Boston, Mass.
Astle H. J. & Co. ("Boland"), 118 Orange, Providence, R. I.
Curtis Albert B., Worcester, Mass.
LINK-BELT CO. ("Wendell" Centrifugal Coal Dryers), 39th & Stewart av, Chicago, Ill., Hunting Park av & P R Ry, Phila., Pa. *See adv index at end of book*
Smith Richardson Co. ("Richardson" for Small Metal Parts), Attleboro, Mass.
Tolhurst Machine Works, Troy, N. Y.

4114— Dryers (Chicory)

Cummer F. D. & Son Co., Superior Arcade, Cleveland, O. *See adv index at end of book*
Manitowoc Engineering Works, Manitowoc, Wis.

4115—Dryers (Coal, Sand, Etc.)

American Process Co., 68 William, New York
ATLAS ENGINEERING CO., Amherst, O. *See adv index at end of book*
BARTLETT C. O. & SNOW CO., French st, Cleveland, O. *See adv index at end of book*
Cummer F. D. & Son Co., Superior Arcade, Cleveland, O. *See adv index at end of book*

CUMMER DIRECT HEAT DRYER

For Coal, Sand, Etc.

TEMPERATURES EASILY CONTROLLED

No Explosions. Hundreds in Operation.

THE F. D. CUMMER & SON CO.

Cleveland, Ohio, U. S. A.

French Oil Mill Machinery Co., Piqua, O.
Fuller Engineering Co. ("Matchams"), Allentown, Pa.
KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa. ***See adv index at end of book***
LINK-BELT CO. ("Wendell," Centrifugal, Coal), 39th & Stewart av, Chicago, Ill., Hunting Park av & P & R Ry, Phila., Pa. *See adv index at end of book*
McDermott Bros. Co., Allentown, Pa.
MANITOWOC ENGINEERING WORKS, Manitowoc, Wis.
Mashek Engineering Co., 91 West, New York
Reeves Bros. Co., Alliance, O.
Ruggles-Coles Engineering Co., 50 Church, New York
Stearns-Roger Mfg. Co., Denver, Colo.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*

4116— Dryers (Coffee)

Adt Jno. B. Co., 340 No Holliday, Baltimore, Md.

Blymyer Iron Works Co., Cincinnati, O.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Devine J. P. Co., Buffalo, N. Y.
Gordon Engng. Corp., 39 Cortlandt, New York

4117— Dryers (Cylinder)

Atlas Engineering Co., Amherst, O. *See adv index at end of book*
BIGGS BOILER WORKS CO., Case av. & Williams, Akron, O. *See adv index at end of book*
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*
CUMMER F. D. & SON CO., Superior Arcade, Cleveland, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa. *See adv index at end of book*
Manitowoc Engineering Works, Manitowoc, Wis.
Mashek Engineering Co., 90 West, New York

4117a— *Dryers (Desk)

WHEELER CONDENSER & ENGINEERING CO., Carteret, N. J. *See adv index at end of book*

4117b— *Dryers (Drum)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*

4118—*Dryers (Extract Chip)

Cummer F. D. & Son Co., Superior Arcade, Cleveland, O. *See adv index at end of book*

4118a— Dryers (Feed)

See also Dryers, Meal

CUMMER DIRECT HEAT DRYERS

For all kinds of Cattle Feeds. Economical in fuel. Made in nine sizes.

THE F. D. CUMMER & SON CO.

Cleveland, Ohio, U. S. A.

4119—Dryers (Fertilizer, Glue, Etc.)

Adt Jno. B. Co., 340 No Holliday, Baltimore, Md.
American Blower Co., 1400 Russell, Detroit, Mich.
American Process Co., 68 William, New York
ANDERSON V. D. CO. ("Anderson" 1 & 3 Cylinder), W 96th, Cleveland, O. *See adv index at end of book*
Atlas Dryer Co., Cleveland, O.
Atlas Engineering Co., Amherst, O. *See adv index at end of book*

DRYERS (FERTILIZERS, GLUE, Etc.)—continued
Barney Ventilating Fan Works (A. B. Franklin, Prop.), 19 Chardon, Boston, Mass.
BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
Black-Clawson Co., Hamilton, O.
Brecht Co. ("Brecht"), 1201 Cass av, St. Louis, Mo.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Cambridge Iron Works ("Campbell"), Cambridge, Mass.
CUMMER F. D. & SON CO., Superior Arcade, Cleveland, O.
See adv index at end of book
Devine J. P. Co., Buffalo, N. Y.
Hamler Boiler & Tank Co., 3906 S Halsted, Chicago, Ill.
Hammond Engineering Co., Warren, Pa.
KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa.
See adv index at end of book
McDermott Bros. Co., Allentown, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Renneburg E. & Sons Co., 2639 Boston, Baltimore, Md.
Ruggles-Coles Engineering Co., 48 Church, New York
Schofield's J. S. Sons Co., Macon, Ga.
Sterritt-Thomas Foundry Co., 32d & Smallman, Pittsburgh, Pa.

Dryers (Fish Scrap)

See Dryers, Fertilizer

4120—*Dryers for Concentrates

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Cummer F. D. & Son Co., Superior Arcade, Cleveland, O. *See adv index at end of book*
WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book

4121— Dryers (Garbage)

American Process Co., 68 William, New York
ANDERSON V. D. CO. ("Anderson," Also Tankage), W 96th, Cleveland, O.
See adv index at end of book
Atlas Dryer Co., Cleveland, O.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
CUMMER F. D. & SON CO., Superior Arcade, Cleveland, O.
See adv index at end of book
KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa.
See adv index at end of book
Manitowoc Engineering Works, Manitowoc, Wis.
Renneburg E. & Sons Co., 2639 Boston, Baltimore, Md.
Ruggles-Coles Engineering Co., 50 Church, New York

4122—Dryers (Grain & Malt)

Adt Jno. B. Co., 340 No Holliday, Baltimore, Md.
American Blower Co., 1412 Russell, Detroit, Mich.
Atlas Engineering Co. (Grain Dryers), Amherst, O.
See adv index at end of book
Barnard & Leas Mfg. Co., Moline, Ill.
BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
CUMMER F. D. & SON CO., Superior Arcade, Cleveland, O.
See adv index at end of book
Devine J. P. Co. (Grain), Buffalo, N. Y.
Ellis Drier Co., 140 W Van Buren, Chicago, Ill.
French Oil Mill Machinery Co. (Grain Only), Piqua, O.
Galland-Henning Mfg. Co., Milwaukee, Wis.
Hess Warming & Ventilating Co. (Pneumatic System), 1211 S Western av, Chicago, Ill.
Howes S. Co. (Grain, Corn & Wheat), Silver Creek, N. Y.
Invincible Grain Cleaner Co. ("Invincible"), Silver Creek, N. Y.
Louisville Drying Machine Co. (Distillers & Brewers Dryers), Louisville, Ky.
Manitowoc Engineering Works, Manitowoc, Wis.
Morris Grain Dryers & Salvage Co. ("Morris" Grain Driers, Coolers & Conditioners), Milwaukee, Wis.
National Blower Works (Grains), Milwaukee, Wis.
Nordyke & Marmon Co., 1290 Ky. av, Indianapolis, Ind.
Rach, Dr. Carl, 203 B'way, New York
Remmers B. & Sons (Also for Starch, Vegetables, Chemicals, etc), 1227 Germantown, Phila., Pa.
Renneburg E. & Sons Co., 2639 Boston, Baltimore, Md.
Ruggles-Coles Engineering Co., 50 Church, New York
Standard Tank Co., 15 Park row, New York
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
Worrell S. E., Hannibal, Mo.

4123—Dryers (Hair, Process)

See also Hair Dryers, Electric

4124—Dryers (Hoof or Bone)

American Process Co., 68 William, New York
ANDERSON V. D. CO. ("Anderson"), W 96th, Cleveland, O.
See adv index at end of book
BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
Bigelow Co., New Haven, Conn.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
CUMMER F. D. & SON CO., Superior Arcade, Cleveland, O.
See adv index at end of book
KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa.
See adv index at end of book
McDermott Bros. Co., Allentown, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Ruggles-Coles Engineering Co., 50 Church, New York

4125—Dryers (Jacketed Cylindrical)

ANDERSON V. D. CO. ("Anderson"), W 96th, Cleveland, O.
See adv index at end of book
BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Devine J. P. Co., Buffalo, N. Y.
KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa.
See adv index at end of book
Manitowoc Engng. Works, Manitowoc, Wis.
Petty J. K. & Co., Stephen Girard bldg, Phila., Pa.
Renneburg E. & Sons Co., 2639 Boston, Baltimore, Md.

4126— Dryers (Kaolin)

Cummer F. D. & Son Co., Superior Arcade, Cleveland, O. *See adv index at end of book*
Manitowoc Engineering Works, Manitowoc, Wis.

4127—*Dryers (Laboratory)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

4127a— Dryers (Laundry)

Lotze's A. Sons Co., 8th & B'way, Cincinnati, O.

4128— Dryers (Leaf Tobacco)

Adt Jno. B. Co. (For Manufactured Tobacco), 340 No Holliday, Baltimore, Md.
American Blower Co., 1400 Russell, Detroit, Mich.
Comas Machine Co. ("Perfection"), Salem, Va.
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Philadelphia Textile Machinery Co., Tabor, Phila., Pa.

4129—Dryers (Leather Scrap)

American Process Co., 68 William, New York
BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
Bayley Mfg. Co., Milwaukee, Wis.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Cummer F. D. & Son Co., Superior Arcade, Cleveland, O. *See adv index at end of book*
McDermott Bros. Co., Allentown, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Ruggles-Coles Engineering Co., 50 Church, New York

4129a— Dryers (Lime)

Cummer F. D. & Son Co., Superior Arcade, Cleveland, O. *See adv index at end of book*

4129b— *Dryers (Lumber)

STURTEVANT B. F. CO. ("Sturtevant") 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book

Dryers (Malt)

See Dryers, Grain & Malt

4130— Dryers (Meal)

Adt Jno. B. Co., 340 No Holliday, Baltimore, Md.
American Blower Co., 1400 Russell, Detroit, Mich.
BARTLETT C. O. & SNOW CO. (Meal & Feed), French st, Cleveland, O.
See adv index at end of book
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Cummer F. D. & Son Co., Superior Arcade, Cleveland, O. *See adv index at end of book*
Decatur Fdry., Furnace & Mach. Co., Decatur, Ind.
Ellis Drier Co., 140 W Van Buren, Chicago, Ill.
French Oil Mill Machinery Co., Piqua, O.
Great Western Mfg. Co., Leavenworth, Kans.
Manitowoc Engineering Works, Manitowoc, Wis.
Nordyke & Marmon Co. (Steam, etc), 1290 Kentucky av, Indianapolis, Ind.
Remmers B. & Son, 1227 Germantown, Phila., Pa.
Worrell S. E., Hannibal, Mo.

4131—*Dryers (Milk, Vacuum)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

4132— Dryers (Mold)

American Blower Co., 1400 Russell, Detroit, Mich.
Tilghman-Brooksbank Sand Blast Co. (Portable, for Foundry Use), 1126 S 11th, Phila., Pa.

4132a—*Dryers (Nitrate of Soda)

BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
CUMMER F. D. & SON CO., Superior Arcade, Cleveland, O.
See adv index at end of book

4133— Dryers (Ore)

American Process Co., 68 William, New York
Atlas Engineering Co., Amherst, O.
See adv index at end of book
BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
Brainard Crusher Pulverizer Co., Old Colony bldg, Chicago, Ill.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Cummer F. D. & Son Co., Superior Arcade, Cleveland, O. *See adv index at end of book*
Denver Engineering Works Co., Denver, Colo.
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
McDermott Bros. Co., Allentown, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Mine & Smelter Supply Co., 42 B'way, New York
Ruggles-Coles Engineering Co., 50 Church, New York
Sutton, Steel & Steel ("S S & S" for Dry Concentration), Dallas, Texas
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
Worthington Pump & Machy. Corp. (Revolving, etc), 115 B'way, New York
See adv index at end of book

4133a—*Dryers (Organic & Inorganic Material)

ROCKWELL W. S. CO., 50 Church, New York
See adv index at end of book

4133b— *Dryers (Paper)

STURTEVANT B. F. CO. ("Sturtevant" For Paper Absorption on Machines, also Paper Coated), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book

4134—Dryers (Paper Mill, Etc.)

See also Paper & Pulp Mill Machinery
Black-Clawson Co. (Dbl. & 3 Deck, Rim, etc), Hamilton, Ohio
Cummer F. D. & Son Co., Superior Arcade, Cleveland, O. *See adv index at end of book*
Rice, Barton & Fales Machine & Iron Co., Worcester, Mass.

Dryers (Pebble)

See Sand & Gravel Heaters & Dryers

4134a—*Dryers (Reclaimed Plaster)

BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
Cummer F. D. & Son Co., Superior Arcade, Cleveland, O. *See adv index at end of book*

Dryers (Revolving)

See Dryers, Rotary & Revolving

4135—Dryers (Rock, Phosphate)

American Process Co., 68 William, New York
Cummer F. D. & Son Co., Superior Arcade, Cleveland, O. *See adv index at end of book*
Manitowoc Engineering Works, Manitowoc, Wis.
Pittsburg Conveying Machinery Co., 4th & Duquesne wy, Pittsburgh, Pa.
Ruggles-Coles Engineering Co., 50 Church, New York
Whiting Foundry Equipment Co., Harvey, Ill.

4136—Dryers (Rotary & Revolving)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
American Clay Machinery Co., S Walnut, Bucyrus, O.
American Process Co. (Direct Head Blast), 68 William, New York
Atlas Engineering Co., Amherst, O.
See adv index at end of book
BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
BUFFALO FOUNDRY & MACHINE CO. (Rotary), 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*
Cummer F. D. & Son Co., Superior Arcade, Cleveland, O. *See adv index at end of book*

CUMMER DIRECT HEAT ROTARY DRYERS
Dry nearly everything. Write us name of material and number of tons you wish to dry hourly; also percentage of moisture in wet and dry material. Hundreds in operation.
THE F. D. CUMMER & SON CO.
Cleveland, Ohio, U. S. A.

Devine J. P. Co., Buffalo, N. Y.
Hersey Mfg. Co., 314 W 2nd, South Boston, Mass.
Jackson & Church Co., Saginaw, Mich.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
McDermott Bros. Co., Allentown, Pa.
Manitowoc Engng. Works, Manitowoc, Wis.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis Ind.
Renneburg E. & Sons Co., 2639 Boston, Baltimore, Md.
Ruggles-Coles Engineering Co., 50 Church, New York
Variety Iron & Steel Works Co., Hamilton av & 40th, Cleveland, Ohio
Whiting Foundry Equipment Co., Harvey, Ill.
Worrell S. E. ("Worrell's"), Hannibal, Mo.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

4137— *Dryers (Rubber)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Cummer F. D. & Son Co., Superior Arcade, Cleveland, O. *See adv index at end of book*

4138— Dryers (Salt)

American Blower Co., 1400 Russell, Detroit, Mich.
Atlas Dryer Co., Cleveland, O.
Atlas Engineering Co., Amherst, O.
See adv index at end of book
BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Cummer F. D. & Son Co., Superior Arcade, Cleveland, O. *See adv index at end of book*
McDermott Bros. Co., Allentown, Pa.
MANITOWOC ENGINEERING WORKS, Manitowoc, Wis.
Ruggles-Coles Engineering Co., 50 Church, New York

Dryers (Sand)

See Sand & Gravel Heaters and Dryers; also Stoves, Sand Drying

4139— Dryers (Seed Corn)

Bain Bros. Mfg. Co. ("Peerless"), Cedar Rapids, Ia.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Clarke J. Q. Tank Co. ("Wizzard"), Crawfordsville, Ind.
National Mfg. Co. ("Ideal"), Des Moines, Ia.

4139a— *Dryers (Shelf)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
WHEELER CONDENSER & ENGINEERING CO., Carteret, N. J.
See adv index at end of book

4139b—Dryers (Shirt & Stocking)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

4139c— Dryers (Shoe)

Hamilton Beach Mfg. Co. ("Cyclone" Electric), Racine, Wis.

Dryers (Slack Lime)

See Dryers, Cement & Asphalt

4140— Dryers (Soap)

American Blower Co., 1400 Russell, Detroit, Mich.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Phila. Textile Machinery Co. ("Proctor"), Tabor, Phila., Pa.
STURTEVANT B. F. CO., (Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book

4140a—Dryers (Sodium-Benzol-Sulphonate)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Standard Tank Co., 15 Park Row, New York

4141— Dryers (Starch)

Adt Jno. B. Co., 340 No Holliday, Baltimore, Md.
American Blower Co., 1400 Russell, Detroit, Mich.
Bayley Mfg. Co., Milwaukee, Wis.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Cummer F. D. & Son Co., Superior Arcade, Cleveland, O.
See adv index at end of book
Devine J. P. Co., Buffalo, N. Y.

4142— Dryers (Steam)

BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book

4142a— *Dryers (Steam Coil)

Schaffer Engineering & Equipment Co., Tiffin, O. *See adv index at end of book*

4142b— *Dryers (Stone)

Cummer F. D. & Son Co., Superior Arcade, Cleveland, O.
See adv index at end of book

4142c— *Dryers (Tankage)

Cummer F. D. & Son Co., Superior Arcade, Cleveland, Ohio
See adv index at end of book

4143—*Dryers (Tanners' Extract Chip)

BARTLETT, C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Cummer F. D. & Son Co., Superior Arcade, Cleveland, Ohio.
See adv index at end of book

4144— *Dryers (Textile)

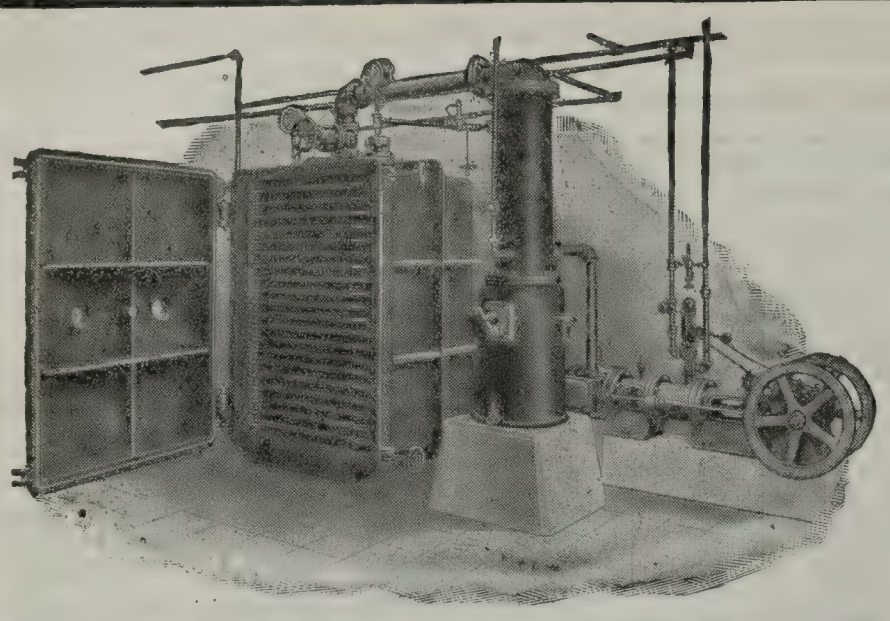
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book

Dryers (Tobacco)

See Dryers, Leaf Tobacco

4145— Dryers (Vacuum)

See also Vacuum Drying & Impregnating Apparatus
ANDERSON V. D. CO. ("Anderson"), W 96th, Cleveland, O.
See adv index at end of book



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VACUUM APPARATUS

"The Highest Attainment in Vacuum Dryer Construction"

Vacuum Shelf Dryers, for drying materials that can be handled in pans or trays.
Vacuum Rotary Dryers, for any material that permits being tumbled while drying.
Vacuum Drum Dryers, for drying any liquids containing solids.
Evaporators, Condensers, Dry Vacuum Pumps, Solvent Reclaiming Apparatus, Impregnating Apparatus. *Catalog on request*

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester Avenue, BUFFALO, N. Y.

DRYERS (VACUUM)—continued

BUFFALO FOUNDRY & MACHINE CO. (Vacuum Drum Dryers, Vacuum Rotary Dryers, Vacuum Shelf Dryers & Drying & Impregnating Apparatus), 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

Devine J. P. Co. ("Emil Passburg" System, Drying & Impregnating Apparatus), Buffalo, N. Y.

Hammond Engineering Co. (Rotary for Drying Sewage, Sludge, Garbage & Tankage from Slaughter Houses), Warren, Pa.

Hubbard's Norman Sons (Drying & Impregnating Apparatus), 265 Water, Brooklyn, N. Y.

Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book

Marshall Foundry Co., Pittsburgh, Pa.

Stokes F. J. Machine Co. (For Pharmaceutical Purposes), 17th & Cambria, Phila. Pa.

WHEELER CONDENSER & ENGINEERING CO., Carteret, N. J.
See adv index at end of book

4145a—*Dryers (Vacuum Drum)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

Cummer F. D. & Son Co., Superior Arcade, Cleveland, Ohio

4145b—*Dryers (Vacuum Rotary

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

4145c—*Dryers (Vacuum Shelf)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

4146— Dryers (Varnish)

American Blower Co., 1400 Russell, Detroit, Mich.

Wadsworth Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.

4147— Dryers (Veneer)

American Blower Co., 1400 Russell, Detroit, Mich.

Philadelphia Textile Machinery Co. ("Proctor," Apron Conveyor), Tabor, Phila., Pa.

4147a— Dryers (Vertical)

French Oil Mill Machinery Co., Piqua. O.

KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book

Schaffer Engineering & Equipment Co., Tiffin, O.

4148—*Dryers (Vertical Rotary)

Schaffer Engineering & Equipment Co., Tiffin, O. *See adv index at end of book*

4149—Dryers (Waste Heating)

American Blower Co., 1400 Russell, Detroit, Mich.

American Clay Machinery Co., S Walnut, Bucyrus, O.

Clarage Fan Co., North & Porter, Kalamazoo, Mich.

4150— Dryers (Wood Chip)

American Blower Co., 1400 Russell, Detroit, Mich.

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book

CUMMER F. D. & SON CO., Superior Arcade, Cleveland, O.
See adv index at end of book

Manitowoc Engineering Works, Manitowoc, Wis.

Drying Rooms

Hot Air & Gas

See Clothes Dryers, Steam, Hot Water,

4151— Duck (Oiled)

Landers Bros. Co., Toledo, O.

Zittlossen Mfg. Co., Park & Dolman, St. Louis, Mo.

4152— Dumb Bells & Quoits

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.

Essex Rubber Co. (Rubber Quoits), Trenton, N. J.

Estes E. B. & Sons (Dumb Bells), 364 5th av, New York
See adv index at end of book

Girard Iron Works, 22d & Master, Phila., Pa.

Grey Iron Casting Co. (Quoits Only), Mt. Joy, Pa.

Hellenberg J. B. Co. (Wood Dumb Bells Only), Coldwater, Mich.

Howell W. H. Co. (Dumb Bells Only), Geneva, Ill.

Indiana Foundry Co., Indiana, Pa.

Klumpp's Jno. G. Sons, 13 Baxter, New York

Kramer Bros. Foundry Co., Dayton, O.

Kupferle Jno. C. Foundry Co., 1st & Wright, St. Louis, Mo.

Lodge Mfg. Co., South Pittsburg, Tenn.

Republic Mfg. Co., Milwaukee, Wis.

Saginaw Wood Products Co. (Dumb Bells), Gaylord, Mich.

Sommer Jno. Faucet Co. (Wooden Dumb Bells), 30 Morris, Newark, N. J.

Spalding A. G. & Bros., 126 Nassau, New York

Sperry D. R. & Co., Batavia, Ill.

Swett A. L. Iron Works, Medina, N. Y.

Thermoid Rubber Co. (Rubber Quoits), Trenton, N. J.

Weller Hdw. & Foundry Co., Horseheads, N. Y.

Williams A. C. Co., Ravenna, O.

Wrightsville Hardware Co., Wrightsville, Pa.

4153—*Dumb Waiter Doors (Fireproof)

DAHLSTROM METALLIC DOOR CO. (Hollow Metal), 35 Blackstone av, Jamestown, N. Y., & Consolidated Gas bldg, New York
See adv index at end of book

4154— *Dumb Waiter Rope

See also Cordage & Twine Manufacturers

COLUMBIAN ROPE CO., 3050 Genesee, Auburn, N. Y.
See adv index at end of book

4155— Dumb Waiters

COLORADO.

DENVER—Nock & Garside Elevator Co., (Electric)

CONNECTICUT.

NEW HAVEN—MacKenzie Geo. M.

ILLINOIS.

MOLINE—Montgomery Elevator Co.

INDIANA.

EVANSVILLE—International Steel & Iron Co.
Mesker Geo. L. & Co.

IOWA.

COUNCIL BLUFFS—Kimball Bros. Co., P O Box 154

KENTUCKY.

LOUISVILLE—Abell Elevator Co., 114 No. 8th

MARYLAND.

BALTIMORE—Bates Elevator Co., 211 President
Fauntleroy Elevator Co., 8th nr Pratt
WARSAW ELEVATOR CO. (Steel), 111 Mercer
See adv index at end of book

MASSACHUSETTS.

BOSTON—Beckwith Elevator Co., 128 Pearl
Brewer Elevator Co., 27 Bowker
Kimball C. E. & Son, 178 High
SALEM—Salem Elevator Works

MINNESOTA.

MINNEAPOLIS—Lagerquist, Gust, 516 N 3rd
ST. PAUL—Lee & Hoff Mfg. Co., 65 E Water

MISSOURI.

KANSAS CITY—Abell Elevator Co., 209 Oak
Kansas City Elevator Mfg. Co., 2601 Madison
ST. LOUIS—Geraghty Bros. Elevator Co., 416 S 6th
Miller Wm. A. Elevator Mfg. Co., 9th & Victor

NEW JERSEY.

NEWARK—Ortner Jos. J., 481 Washington
Storm Mfg. Co. ("New York Safety," "Paragon," "Manhattan," "Newark"), 50 Vesey

NEW YORK.

BUFFALO—**WARSAW ELEVATOR CO.** (Steel), Dunn bldg
See adv index at end of book

COHOES—Cohoes Iron Foundry & Machine Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Bergquist B., 534 Union
Rodgers R. M. Mfg. Co., 74 Emerson pl
Seaberg Gustav, 407 Douglas

Boroughs of Manhattan and Bronx.

NEW YORK—Burdett-Rowntree Mfg. Co. (Automatic), 119 W 40th
Burwak Elevator Co., 216 Fulton
Chelsea Elevator Co., 213 W 26th
Dowdall Chas. E., 152 W B'way
Holland Thos. & Sons, 211 E 84th
Larsen Anton & Son, Brook av, & 134th
Murtaugh Elevator Co. (Standard), 535 W 33rd
Nelson Alex. & Co., 103 W 96th
Roberts Jas. H. Elevator Co., 430 W B'way
WARSAW ELEVATOR CO. (Steel), 216 Fulton
See adv index at end of book
Williams W. & Co., 312 E 95th

(End of New York City)

POUGHKEEPSIE—Sedgwick Mach. Works (Automatic & Band Brake, Brass Tube, Simplex, etc)
ROCHESTER—Ricker Mfg. Co.
SYRACUSE—Houser Elevator Co.
WARSAW—**WARSAW ELEVATOR CO.** (Steel) *See adv index at end of book*

OHIO.

CINCINNATI—Reedy H. J. Co. (Push Button, Electric & Hand), 15 W 2d
WARNER ELEVATOR MFG. CO. Spring Grove av, Alfred & Valley
See adv index at end of book
CLEVELAND—Edmonds Elevator Co.
COLUMBUS—Ohio Elevator & Mach. Co.

PENNSYLVANIA.

PHILADELPHIA—Energy Elevator Co., ("Energy," "Little Beauty," "Little Giant," "Rapid Transit"), 214 New
Massa George (Brass Tube), 245 S 6th
O'Neill Elevator Co., 628 Cherry
WARSAW ELEVATOR CO. (Steel), 929 Chestnut
See adv index at end of book
PITTSBURGH—Marshall Bros., S 21st
READING—**SPEIDEL JOHN G.**
See adv index at end of book
YORK—York Automatic Dumb Waiter Works (Automatic)

WASHINGTON.

SEATTLE—Washington Elevator Co.

WISCONSIN.

MILWAUKEE—Kieckhefer A. Elevator Co.

4156—Dumb Waiters (Electric)

Abell Elevator Co., 114 N 8th, Louisville, Ky.
Elec. Dumbwaiter Co., 116 Morgan, Pittsburg, Pa.
Elevator Supplies Co. Inc., Hoboken, N. J.
Energy Elevator Co., 214 New, Phila., Pa.
Kansas City Elevator Mfg. Co., Kansas City, Mo.
Kimball Bros. Co., P O Box 154, Council Bluffs, Ia.
Lamson Co., 100 Boylston, Boston, Mass.
Miller Wm. A. Elevator Mfg. Co. (Automatic & Push Button), 9th & Victor, St. Louis, Mo.
Nock & Garside Elevator Co., Denver, Colo.
Otis Elevator Co., 26th & 11th av, New York
Pennsylvania Elevator Co., Hartje bldg., Pittsburgh, Pa.
Roberts Jas. H. Elevator Co., 430 W B'way, N. Y.
A. B. See Electric Elevator Co., 220 Broadway, New York
Speidel John G., Reading, Pa.
See adv index at end of book
Storm Mfg. Co., 50 Vesey, Newark, N. J.
Sturm Dumbwaiter & Elevator Co., Portland, Ore.
WARSAW ELEVATOR CO., Warsaw, N.Y.
See adv index at end of book

4157—Dumb Waiters (Pneumatic)

Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Lamson Co., 100 Boylston, Boston, Mass.

4158—Dumb Waiters (Self-Sustaining)

Abell Elevator Co., 114 N 8th, Louisville, Ky.
International Steel & Iron Co., Evansville, Ind.
Kansas City Elevator Mfg. Co., Kansas City, Mo.
Kimball Bros. Co., P O Box 154, Council Bluffs, Ia.
Lamson Co., 100 Boylston, Boston, Mass.
Miller Wm. A. Elevator Mfg. Co., 9th & Victor, St. Louis, Mo.
Sedgwick Machine Works, Poughkeepsie, N. Y.
SPEIDEL JOHN G., Reading, Pa.
See adv index at end of book
Storm Mfg. Co., 50 Vesey, Newark, N. J.
WARSAW ELEVATOR CO., Warsaw, N.Y.
See adv index at end of book

4159— Dumps (Ash)

Adams Co. (Fire Place), Dubuque, Ia.
Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
Covert H. W. Co., 351 Lexington av, New York
Donley Bros. Co. (The), ("D B"), 3625 E 74th, Cleveland, O.
See adv index at end of book
Jardine Walter S. & Sons Co. (Fireplace), 155 Forest, Arlington Heights, Mass.
Majestic Co. ("Majestic"), Huntington, Ind.

4160—Dumps (Automatic, Cross-Over)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Phillips Mine & Mill Supply Co. ("Phillips"), 2227 Jane, Pittsburgh, Pa.
Sanford-Day Iron Works ("Bumpa"), Knoxville, Tenn.

4161— Dumps (Ice)

Columbus Iron Works, Columbus, Ga.
Triumph Ice Machine Co., Oakley, Cincinnati, O.

4162— Dumps (Rotary Mine)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
Ottumwa Box Car Loader Co., Ottumwa, Iowa
Wood Equipment Co. (Pneumatic), McCormick bldg, Chicago, Ill.

4163-4— *Dumps (Wagon)

Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

4165-6— Duplicators

(For the Reproduction of Manuscripts, Plans, etc)
American Duplicator Co., 3 Coenties sl, New York
American Multigraph Sales Co. ("Flexotype" Multigraph), 1832 E 40th, Cleveland, O.
Beck Duplicator Co. ("Eureka" & "Champion"), 491 B'way, New York
Bensinger C. Co., New York
Daus Felix F. Duplicator Co. ("Tip-Top"), 111 John, New York
Dick A. B. Co. ("Edison Mimeograph"), 736 W Jackson blvd, Chicago, Ill.
Duplicator Mfg. Co. (Commercial), 530 S Dearborn, Chicago, Ill.
Durkin, Reeves & Co. ("Modern"), 507 Schmidt bldg, Pittsburgh, Pa.
Evans Products Corp'n (All-Steel), 46 Murray, New York
General Manifold & Printing Co. ("Lewis" Biller), 727 S Dearborn, Chicago, Ill.
Hektograph Mfg. & Dup. Co., 46 Murray, New York
Heyer T. A. Duplicator Co., 160 N 5th av, Chicago, Ill.
Home & Export Duplicator Co., 89 Front, New York
Lineograph Co. ("Lineograph," Rotary or Flat), 112 Fulton, New York
Lisenby Mfg. Co. (Multicolor Presses), Fresno, Cal.
Natl. Duplicators Co., 72 Pine, New York
Neidich Process Co. ("Flexotype"), Burlington, N. J.
Neostyle Co., 319 B'way, New York
New Writerpress Co. ("Writerpress" Letter Duplicator & Office Printing Machine), Shelton, Conn.
Parker, Edwin A. Corp., 591 Hudson, New York
Pen Carbon Mfg. Co., New Brunswick, N. J.
Rotospeed Co., Dayton, O.
Schapirograph Co., 228 W B'way, New York
Writerpress Lettergraph Co., Shelton, Conn.

4167— Duralumin

American Duralumin Co., 11 Pine, New York

4167a— *Dust Arresters

Anyone troubled with dust will do well to submit same to us as we have two types of dust arrestors suitable for various work.
MACLEOD CO., 2227 Bogen St., Cincinnati, O.

4168—Dust Arresters For Foundries

Bicalky Fan Co., Buffalo, N. Y.
Central Iron Works (For Arresting all Dust from Tumbling Mills, Emery & Polishing Wheels & Sand Blast Rooms), Quincy, Ill.
Cleveland Nickel Works ("Glassford"), 1167 W 67th, Cleveland, O.
Illinois Mfg. & Supply Co., Quincy, Ill.
Knickerbocker Co., Jackson, Mich.
Paxson J. W. Co., 1021 N Delaware av, Phila., Pa.
Sly W. W. Mfg. Co., 4700 Train av, Cleveland, O.
U. S. Steel Tank & Pipe Co., 2090 Canalport av, Chciago, Ill.
Whiting Foundry Equipment Co., Harvey, Ill.

4168a—*Dust Arresters (Metal Screen)

MACLEOD CO., 2227 Bogen, Cincinnati, O.
See adv index at end of book

4168b— *Dust Blowing Sets

STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book

4169— Dust (Bone)

Hafleigh & Co., Cambria & N American Phila., Pa.
Nitrate Agencies Co. (Imp), 102 Pearl, New York

4170—Dust Collectors (Mechanical)

Allen E. H. Co., 41 Beverly, Boston, Mass.
Allington & Curtis Mfg. Co., Saginaw, Mich.
Astle H. J. & Co. ("Boland"), 118 Orange, Providence, R. I.
Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
Banister A. W. Co. (Separators), 421 Dorchester av, S Boston, Mass.
Bernard & Leas Mfg. Co. (Rotary Pneumatic), Moline, Ill.
Bicalky Fan Co., Buffalo, N. Y.
Buffalo Forge Co., Buffalo, N. Y.
Carlisle & Gale Co., 5 North, Boston, Mass.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Clark Dust Collecting Co. (For Sand Blasting Systems, Cement Plants, etc.), Fisher bldg, Chicago, Ill.
Clark T. F. & Co., Seattle, Wash.
Cleveland Blow Pipe & Mfg. Co., 6950 Kinsman rd, Cleveland, O.
Cyclone Blow Pipe Co. ("Cyclone"), 2552 W 21st, Chicago, Ill.
Day Co. ("Day"), 1004 Lyndale, Minneapolis, Minn.
Detroit Blowpipe Co., 366 Gd. River av, Detroit, Mich.
Dixie Mfg. Co. ("Cyclone"), Stockholm & Russell, Baltimore, Md.
Empire Blower & Pipe Co., Rochester, N. Y.
Garden City Fan Co., 332 S Michigan av, Chicago, Ill.
Goethel Alfred C. Co., The (Not inc), 301-303 4th, Milwaukee, Wis.
Grand Rapids Blow Pipe & Dust Arrester Co. ("Up-to-date"), Grand Rapids, Mich.
Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor" for Mill Dust), Silver Creek, N. Y.
Invincible Blow Pipe Co., 2527 Homer, Chicago, Ill.
King F. E. Co., Norfolk, Va.
Kirk & Blum, York & Western avs, Cincinnati, O.
Knickerbocker Co. ("Cyclone," "Morse" Rarified for Sand Blast, Tumbling Barrels, etc), Jackson, Mich.
Lee Thos., 129 W 2d, Cincinnati, O.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Mannen John E. Co., 2247 St. Clair, Cleveland, O.
Miller J. K. Co. ("Western"), Seattle, Wash.
National Blow Pipe & Mfg. Co., 738 Dryades, New Orleans, La.
No Dust Drying Machine Co. ("No Dust"), 157 Dorrance, Providence, R. I.
Ohio Blower Co., 9300 Detroit av, Cleveland, O.
Porbeck Dust Arrestor & Blow Pipe Co., 2017 N B'way, St. Louis, Mo.
Prinz & Rau Mfg. Co. ("Perfection"), 659 E Water, Milwaukee, Wis.
Richmond Mfg. Co. ("Niagara," for Corn, Grain, etc), Lockport, N. Y.
Skinner Bros. Mfg. Co., 10th & Tyler, St. Louis, Mo.
South Atlantic Blow Pipe & Sheet Metal Co., Savannah, Ga.
Sprout, Waldron & Co., Muncy, Pa.
Sterling Blower Co., Hartford, Conn.
Venderbush & Looman Co., Detroit, Mich.
Western Blow Pipe & Sheet Metal Co. ("Improved Cyclone"), St. Louis, Mo.
Wolf Co., Chambersburg, Pa.

4171—Dust Guards (Journal Box)

Franklin Mfg. Co. (Asbestos), Franklin, Pa.
Harrison Dust Guard Co., Toledo, O.
McCord & Co., 122 S Michigan av, Chicago, Ill.
Symington T. H. Co. ("Symington"), Md. Trust bldg, Baltimore, Md.
Western Railway Equipment Co. ("Security"), Central National Bank bldg, St. Louis, Mo.

4171a— Dust (Saw)

Estes E. B. & Son (Box Wood), 364 5th av, New York
See adv index at end of book

4172— Duster Mfrs.

See also Cloths, Dustless Dust

American Feather Duster Co. (Ostrich Feather), 23 Great Jones, New York
Boston Feather Duster Co. (Feather), 74 Pearl, Boston, Mass.
Burton A. & E. & Co. (Painters, Counters, Furniture, Factory, Foundry, etc, Turkey Feather, Ostrich Feather, etc), 73 Pearl, Boston, Mass.
Chicago Feather Duster Co. ("Chicago" Feather), 816 Fulton, Chicago, Ill.
Cleveland Osborn Mfg. Co. (Wire, Fibre, Bristle, etc.), 5405 E Hamilton, Cleveland, O.
Dearborn Duster Co. (Feather, Woven Down & Wool), 550 W Harrison, Chicago, Ill.
Dunlap Mfg. Co. ("Oil of Gladness" for Furniture, etc), Bloomington, Ill.
Empire Feather Duster Co. (Ostrich Feather), 203 Centre, New York
Friedlander Paul N., 337 Broadway, New York
Hays Duster Co. (Feather), 5 W 4th, New York
Hoag Duster Co. ("Hoag," "Iowa" Hand Split Feather), Monticello, Iowa
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Homer Bros. & Muir Co. (Antiseptic), 66 Pearl, Boston, Mass.
HOWARD DUSTLESS DUSTER CO. ("Howard" Dustless Dust Cloths, Dust Mops & Handle Dusters), 290 Franklin, Boston, Mass.
Hunter Brush Mfg. Co. (Family, etc), Blanchester, Ohio
Levy S. ("Bell," "La France," "London" Feather), 618 New Market, Phila., Pa.
Lewis Samuel ("Lewis," Feather), 73 Barclay, New York
McCleverty James (Turkey & Ostrich Feather, etc), 148 Wildey, Phila., Pa.
Milton Chemical Co. ("B. B." Utility), 156 Sixth, Cambridge, Mass.
National Brush Co., Aurora, Ill.
National Duster Co. Ltd. (Turkey & Ostrich Feathers, etc), 736 S 2d, Phila., Pa.
New Jersey Brush Co. (Furniture, Painters, etc), Bloomfield, N. J.
N. Y. Feather Duster Co. (Feather), 649 B'way, New York
Ohio Duster Co. ("Elie"), Cleveland, O.
Pioneer Mfg. Co. ("Shino" Dust Absorbing), Harvard av & E 103rd, Cleveland, O.
Rubberset Co. ("Rubberset," Camels Hair Photographers, etc), 56 Ferry, Newark, N. J.
Tate E. A. Mop & Cordage Co. ("Best Quality"), 15 Chardon, Boston, Mass.
Wax Brush Co. ("Bwaxo"), 56 Sanford, Boston, Mass.

4173— Dusters (Bran)

Allis Chalmers Mfg. Co. (& Shorts), Milwaukee, Wis. *See adv index at end of book*
Barnard & Leas Mfg. Co. ("Barnard-Moline"), Moline, Ill.
Nordyke & Marmon Co., 1290 Ky av, Indianapolis, Ind.
Richmond Mfg. Co. ("Niagara," "Empire"), Lockport, N. Y.
Wolf Co., Chambersburg, Pa.

Dusters (Dustless)

See Cloths, Dustless Dust

4174— Dusters (Insecticide)

Leggett & Bro. ("Jumbo" "Orchard," "Beetle" Potato, "Champion," "Little Giant"), 301 Pearl, New York
McWhorter Mfg. Co. (Paris Green), Riverton, N. J.

4175— Dusters (Mitten)

Pioneer Mfg. Co. ("Shino"), Harvard av & 103rd, Cleveland, O.

4176— Dusters (Painters')

Carroll Bros. & Co., 415 W Baltimore, Baltimore, Md.
Hanlon & Goodman Co., 270 Pearl, New York
Whiting J. L.-Adams J. J. Co., 690 Harrison av, Boston, Mass.

4177— Dusters (Paper Mill)

Holyoke Machine Co., Holyoke, Mass.
Noble & Wood Machine Co. (Fan, Pin & R R), Hoosick Falls, N. Y.
Norwood Engineering Co. (R R & Fan), Florence, Mass.

4177a— Dusts (Aluminum)

Metals Disintegrating Co., Inc., 3 So. William, New York

4177b— Dusts (Lead)

Metals Disintegrating Co., Inc., 3 So. William, New York

4177c— Dusts (Magnesium)

Metals Disintegrating Co., Inc., 3 So. William, New York

4177d— Dusts (Tin)

Metals Disintegrating Co., Inc., 3 So. William, New York

4177e— *Dye Stuffs

See also Aniline Colors, Dyes & Dyestuffs
Cararel Co. (Brokers), 13-21 Park Row, New York
DU PONT E. I. DE NEMOURS & CO., Wilmington, Del.
For branch offices see adv index at end of book

4178— Dynamite Mfrs.

AETNA EXPLOSIVE CO. INC., 120 Broadway, New York
American Dynalite Co. ("Dynalite"), Amherst, O.
ATLAS POWDER CO., 10th & Market, Wilmington, Del.
Cameron Powder Mfg. Co., Emporium, Pa.
Dittmar Powder Works, 102 W 130th, New York
DU PONT (E. I.) DE NEMOURS & CO., Wilmington, Del.
For branch offices see adv index at end of book
Excelsior Powder Mfg. Co., Kansas City, Mo.
Grasselli Powder Co. ("Mine-ite," "Fuel-it," "Cameron," Permissibles), Guardian bldg, Cleveland, O.
Hall's Ellis Sons Co., Oil City, Pa.
HERCULES POWDER CO. ("Hercules," "Hercules Gelatin Dynamite," "Hercules Blasting Gelatin," "Hercules Permissible Powders," "XPDITE" & "Red H," "Hercules L F," Explosives: "Hercules Extra," "Hercules Extra L F," "Hercules Gelatin L F," "Hercules" Farm Dynamite), Wilmington, Del.
See adv index at end of book
Jefferson Powder Co., Birmingham, Ala.
King Powder Co., 1st Nat'l Bank bldg, Cincinnati, O.
McAbee G. R. Powder & Oil Co., 2nd Nat'l Bank bldg, Pittsburg, Pa.
Nitro Powder Co., Kingston, N. Y.
Rockdale Powder Co., York, Pa.
West Penn Powder Co., 2nd Nat'l Bank bldg, Pittsburgh, Pa.

4179—Dynamo & Motor Mfrs.

(For Light & Power)

See also Dynamos, Electro Plating; also Generators, Various Kinds; also Motors, Various Kinds

CALIFORNIA.

LOS ANGELES—U. S. Electric Mfg. Co.
SAN FRANCISCO—Union Iron Works Co., **20th & Michigan**

ILLINOIS.

CHICAGO—Bodine Electric Co. (D. C. 1-20 to ⅛ H. P.), 564 W Randolph
Crown Pheostat & Supply Co., 15 S. Desplaines
Fairbanks Morse & Co. (Direct & Alternating), 900 S. Wabash av
GENERAL ELECTRIC CO. (Direct & Alternating), Monadnock blk
See adv index at end of book
Globe Electric Co. (Alternating), 6340 Stony Island av
Guarantee Electric Co., 430 S Green

Westinghouse Prime Movers and Auxiliaries

Marine Engines, Steam Engines, Gas Engines, Steam Turbines, Surface and Jet Condensers, Mechanical Stokers, Feed-Water Pumps, Centrifugal Pumps, Gas Producers, Etc.

Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.

Kimble Electric Co. ("Kimble" Induction & Variable Speed Motors), 634 Northwestern av
Morgan-Gardner Electric Co. (Direct Current), 27th & Shields av
National Stamping & Electric Works (Direct Current), 424 S Clinton
Peerless Electric Co. (Direct Current), 550 W Harrison
Roth Bros. & Co. (Direct Current Vertical Shaft Motors), 1400 W Adams
Victor Electric Co. (Direct Current, Small), Jackson blvd & Robey

INDIANA.

ANDERSON—Arvac Mfg. Co.
FORT WAYNE—General Electric Co.
See adv index at end of book
TERRE HAUTE—Kester Electric Co. (D. C.)

KENTUCKY.

LOUISVILLE—Clark Jas. Jr., Electric Co. ("Willey," Direct Current)
OWENSBORO—Kentucky Electrical Co., (Direct Current)

MAINE.

PORTLAND—Maine Electric Co.

MARYLAND.

BALTIMORE—Voltamp Electric Mfg. Co. (Miniature), 407 N Paca

MASSACHUSETTS.

BOSTON—STURTEVANT B. F. CO. ("Sturtevant" Direct Current), 15 Damon Hyde Park
See adv index at end of book
Holtzer-Cabot Electric Co. (Direct & Alternating Current), 125 Amory
LYNN—GENERAL ELECTRIC CO. (Direct & Alternating)
PITTSFIELD—General Electric Co.
See adv index at end of book

MICHIGAN.

DETROIT—Fisher Electrical Works (D. C.)
Fuller Co. (Direct Current)
GLADSTONE—Marble Card Elec. Co. (Direct Current) ½ to 75 HP.)
ST. JOSEPH—Engberg Electric & Mechanical Works

MINNESOTA.

MINNEAPOLIS—Boustead Elec. & Mfg. Co., 18 E Hennepin
Electric Machinery Co. (Direct & Alternating), 14th av & N E Tyler
ST. PAUL—Olson-Boettger Electric Mfg. Co. (Direct Current, Small), 413 Franklin

MISSOURI.

JEFFERSON CITY—Star Dynamo Co. (Direct Current)
ST. LOUIS—Advance Electric Co. (Alternating), 20 N Commercial
Century Electric Co., 19th & Pine
Emerson Electric Mfg. Co., 2024 Washington av
Wagner Electric Mfg. Co. (Alternating Current) 6400 Plymouth av

NEW HAMPSHIRE.

CONCORD—Cushman Elec. Co. (Direct Current)
LEBANON—Kendrick-Davis Co. (Battery, etc)

NEW JERSEY.

AMPERE—Crocker, Wheeler Co. (Direct & Alternating)
BELLEVILLE—**ECK DYNAMO & MOTOR CO.** ("High-Grade" Direct Current Dynamos & Motors & Alternating Current Dynamos
See adv index at end of book
ELIZABETH—Diehl Mfg. Co. (Direct Current 1/50 to 500)
GARWOOD—Bell Electric Motor Co. (A C & D C)
C. & C. Electric & Mfg. Co. ("C & C")
HARRISON—Edison Lamp Works of General Electric Co.
IRVINGTON—Conn. Dynamo & Motor Co.
NEWARK—Star Fan & Motor Works, 245 N. J. R. R. av
ROSELLE PARK—Shedd Electric Co. (Direct Current, Small)

NEW YORK.

BINGHAMTON—Stow Mfg. Co.
BUFFALO—McCarthy Bros. & Ford (D. C)
MEDINA—Swett A. L. Iron Works (Direct Current, Small)

NEW YORK CITY.

NEW YORK—Bogue Chas. J. Electric Co. (Direct Current), 513 W 29th
Dilg Mfg. & Trading Co. (Direct Current), 401 E 163d
Green W. Electric Co. (Direct Current, Small Motors), 81 Nassau
Lanigan & Rosemont Elec. Co. (Direct Current, Small Motors), 40 E Houston
Rateau, Battu, Smoot Co., 90 West
Sprague Electric Works ("Lundell" Direct Current), 527 W 34th
Western Electric Co., 463 West

(End of New York City)

ROCHESTER—Rochester Motors Co. (D C)
SCHENECTADY—**GENERAL ELECTRIC CO.** (Direct & Alternating)
See adv index at end of book
TROY—Troy Electrical Co.

OHIO.

AKRON—Imperial Electric Co. (Direct Current)
CINCINNATI—Carlisle & Finch Co., 229 E Clifton av
JANTZ & LEIST ELEC. CO. (Multipolar D C)
See adv index at end of book
TRIUMPH ELECTRIC CO. (Direct & Alternating Current), Oakley
See adv index at end of book
Wesche B. A. Elec. Co., 527 W 6th
CLEVELAND—Cleveland Armature Works (Direct Current), 4736 St. Clair av
See adv index at end of book
Lincoln Electric Co. (D C & A C)
Ohio Electric Works (D C)
RELIANCE ELECTRIC & ENGINEERING CO., 1064 Ivanhoe rd
See adv index at end of book
DAYTON—Dayton Electrical Mfg. Co. ("Dayton" up to ½ H P)
Dayton Fan & Motor Co.
LEIPSIC—Temco Electric Motor Co. ("Temco")
MANSFIELD—Ideal Electric & Mfg. Co. (Direct & Alternating Current, Open & Enclosed)
SPRINGFIELD—Robbins & Myers Co. (Direct & Alternating Current), 1400 Lagonda av
WARREN—Peerless Electric Co. ("Peerless" Direct Current)

PENNSYLVANIA.

EAST PITTSBURGH—**WESTINGHOUSE ELECTRIC & MFG. CO.**
See adv index at end of book
ERIE—Burke Electric Co. (Direct & Alternating)
General Electric Co.
See adv index at end of book
LANCASTER—Fidelity Electric Co. (A. C. & D. C.)
PHILADELPHIA—Dienelt & Eisenhardt, 1304 N Howard
Kinetic Electric Co. (Direct Current), S Schnell
PITTSBURGH—Pittsburgh Electrical & Machine Works, Barker pl
RIDGWAY—Ridgway Dynamo & Engine Co. (Direct Current)

VIRGINIA.

RICHMOND—Richmond Electric Works (A. C.)

WASHINGTON.

SEATTLE—N. & S. Foundry Co.

WISCONSIN.

LA CROSSE—Benton Electric Co. (D. C.)
MILWAUKEE—**ALLIS-CHALMERS MFG. CO.** (Direct & Alternating)
See adv index at end of book
Andrae Julius & Sons Co. (Small), 362 Broadway
Holt Electric Co. (Direct Current), 379 S Pierce
Mechanical Appliance Co. (Direct & Alternating Current)
Northwestern Mfg. Co. (D. C. to 75 H.P.), 482 Clinton

4180— Dynamometers

Burr Co. (Railway), Champaign, Ill.
Diehl Mfg. Co., Elizabeth, N. J.
Du Vivier Ernest H. Imp. (Dial & Recording), 30 Church, New York
Eck Dynamo & Motor Co., Belleville, N. J.
Foote, Pierson & Co., 160 Duane, New York

DYNAMOMETERS—continued

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hartford Special Machinery Co. (Rubber Testing), Hartford, Conn.
Leeds & Northrup Co. (Electric), Stenton av, Gtn, Phila., Pa.
Olsen Tinius Testing Machine Co. (Traction & Power Transmission), 500 N 12th, Phila., Pa.
Pearce Fred'k Co., 20 Rose, New York
Queen-Gray Co., 618 Chestnut, Phila., Pa.
Roller-Smith Co. ("Roller-Smith" Electric), 233 B'way, New York
SCHAEFFER & BUDENBERG MFG. CO. ("Gidding's" Recording Traction Power & "S. & B." Indicating Traction Power), Berry & S 5th, Brooklyn, N. Y. *See adv index at end of book*
Sprague Electric Works (Round Type), 527 W 34th, New York
Tracy Joseph (Fan), 1786 B'way, New York

4181—Dynamos (Electro Plating)

Bell Electric Motor Co., Garwood, N. J.
Bishop W. S., New Haven, Conn.
Bogue Chas. J. Electric Co., 513 W 29th, New York
Boissier Electric Co., 205 W 19th, New York
Burns E. Reed, 27 Jackson, Brooklyn, N. Y.
Clark Jas. Jr. Elec. Co., Louisville, Ky.
Connecticut Dynamo & Motor Co., Irvington, N. J.
Crocker-Wheeler Co., Ampere, N. J.
Eager Electric Co., Watertown, N. Y.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
General Platers Supply Co., 489-493 Broome, New York
Gray & Co., 120 W 3rd, Cincinnati, O.
Hanson & Van Winkle Co., 269 Oliver, Newark, N. J.
Holtzer-Cabot Electric Co., 125 Amory, Boston, Mass.
Ideal Electric & Mfg. Co., Mansfield, O.
JANTZ & LEIST ELECTRIC CO., Cincinnati, O. *See adv index at end of book*
Kendrick-Davis Co. ("K.-D."), Lebanon, N. H.
L'Hommedieu Chas. F. & Sons Co., 24 S Clinton, Chicago, Ill.
Munning-Loeb Co. ("Optimus"), Matawan, N. J.
Pan Electric Mfg. Co., 735 S 4th, St. Louis, Mo.
Rochester Motors Co., Rochester, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

Dynamos (Plating)

See Dynamos, Electro-Plating

4182— *Dynamos (Turbine)

DE LAVAL STEAM TURBINE CO. (D. C. & A. C.), East Trenton, N. J. *See adv index at end of book*
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

4183— Dynamotors

Bell Electric Motor Co., Garwood, N. J.
Butler-Edwards Electric Co., Easton, Pa.
C. & C. Electric Mfg. Co., Garwood, N. J.
Connecticut Dynamo & Motor Co., Irvington, N. J.
Crocker-Wheeler Co., Ampere, N. J.
Diehl Mfg. Co., Elizabeth, N. J.
ECK DYNAMO & MOTOR CO., Belleville, N. J. *See adv index at end of book*
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Robbins & Myers Co., 1400 Lagonda av, Springfield, O.
Roth Bros. & Co. (Ringing), 1400 W Adams, Chicago, Ill.
Sprague Electric Works (Round Type), 527 W 34th, New York
Wagner Electric Mfg. Co., 6400 Plymouth av, St. Louis, Mo.

Earphones

See Audiphones

4184— Ears (Trolley)

Creaghead Engineering Co., 340 Main, Cincinnati, O.
Drew Electric & Mfg. Co., Indianapolis, Ind.
Edna Brass Mfg. Co., Cincinnati, O.
Electric Railway Equipment Co., Cincinnati, O.
Eureka Co., North East, Pa.

Earth (Bleaching)

See Fullers Earth

4185— Earth (Infusorial)

Atlas Mineral Products Co., Lincoln, N. J.
Behrend F. (Imp), 54 Front, New York
Chrystal Charles B. (Imp) (Kieselguhr, Fossil Flour), 13 Cliff, New York *See adv index at end of book*
Daniels Willard B. (Imp), 252 Front, New York
Doggett Stanley, 11 Cliff, New York
Dunn & Kruse (Imp), 63 Park Row, New York
Fuerst Bros. & Co., 2 Stone, New York
Hammill & Gillespie (Imp), 240 Front, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Celite Products Co., Van Nuys Bldg., Los Angeles, Cal.
National Sales Co. (Imp), 31 E 13th, Cincinnati, O.
New England Quartz Co. of N. Y., 107 William, New York
Oxford Tripoli Sales Co., Inc., 11 B'way, New York
Salomon L. A. & Bro. (Imp), 216 Pear, New York
Scheel Wm. H. (Imp), 159 Maiden la, New York
Whittaker, Clark & Daniels, Inc. (Imp), 250 Front, New York

4186— Earth (Tripolite)

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Scheel Wm. H. (Imp), 159 Maiden la, New York

Earthenware

See Potteries; China Ware; Plumbers' Sanitary Earthenware, etc

4187— Easels (Brass)

Newman Mfg. Co., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill. *See adv index at end of book*

4188— Easels (Paper)

Springman Paper Products Co, Detroit, Mich.

4189—*Easels (Plate & Picture, Etc.)

ESTES E. B. & SONS, 364 5th av, New York. *See adv index at end of book*

4190— Easels (Wire)

Andrews Wire & Iron Works (Wire Plate, Photograph, etc), Rockford, Ill.
Cassady Fairbank Mfg. Co. ("Andersons" Adjustable Display), 6126 S La Salle, Chicago, Ill.
Grammes L. F. & Sons, Allentown, Pa. *See adv index at end of book*
Woods-Sherwood Co. (Wire), Worcester, Mass.

Eave-Trough Mfrs.

See Conductor Pipe & Eave-Trough Manufacturers

4191— Economizers (Air)

Sterling Equipment Co. ("Sterling," Reheated Compressed Air), 139 N Clark, Chicago, Ill.

4191a— Economizers (Fuel)

Am. Power Co., 630 Washington, Boston, Mass.
Van-Auken Rice Corp., Adams, N. Y.

4192— Edgers (Double)

American Woodworking Machinery Co., Rochester, N. Y.
Chase Turbine Mfg. Co. (Power Feed with Movable Saw), Orange, Mass.
Filer & Stowell Co., Milwaukee, Wis.
Lane Mfg. Co. Montpelier Vt.
Murray D. J. Mfg. Co., Wausau, Wis.
Union Iron Works, Bangor, Me.
Yates P B Machine Co, Beloit, Wis

4193— Edgers (Gang Saw)

Adams W. T. Machine Co., Corinth, Miss.
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
American Saw Mill Machinery Co. ("American" & "Junior"), Hackettstown, N. J.
American Woodworking Machinery Co., Rochester, N. Y.
Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Butterworth & Lowe, Grand Rapids, Mich.
California Saw Works, 721 Brannan, San Francisco, Cal.
Clark Bros. Co., Olean, N. Y.
Curtis & Co. Mfg. Co. ("Dixie," etc), 1571 Kienlen av, St. Louis, Mo.
De Loach Mill Mfg. Co., Bridgeport, Ala.
Diamond Iron Works ("Diamond & Armstrong"), 2nd & 18th av N, Minneapolis, Minn.
Enterprise Co., Columbiana, O.
Fay J. A. & Egan Co., Cincinnati, O.
Filer & Stowell Co., Milwaukee, Wis.
Garland M. Co., Bay City, Mich.
Gibbes Machinery Co., Columbia, S. C.
Gordon Hollow Blast Grate Co. ("The Tower"), Greenville, Mich.
Henderson W. K. Iron Works & Supply Co., Shreveport, La.
Holmes E. & B. Machinery Co., Buffalo, N. Y.
Howell R. R. & Co., 31st av, Minneapolis, Minn.
Huntsville Foundry & Machine Co. (Nolan & Jones, Props.), Huntsville, Ala.
Kline Lewis T., Alpena, Mich.
Knight Mfg. Co., Canton, O.
Lane Mfg. Co., Montpelier, Vt.
Memphis Machine Works, Memphis, Tenn.
Moltz Jacob J., Williamsport, Pa.
Murray D. J. Mfg. Co., Wausau, Wis.
Newman Machine Co., Greensboro, N. C.
Phoenix Mfg. Co., Eau Claire, Wis.
Smith, Myers & Schnier Co., 621 W Front, Cincinnati, O.
Southern Engine & Boiler Works, Jackson, Tenn.
Standard Saw Mill Machinery Co., Erie, Pa.
Star Machinery Co., 1731 1st av S, Seattle, Wash.
Stearns Co., Erie, Pa.
Steliman L. H. & Son, Brattleboro, Vt.
Union Iron Works, Bangor, Me.
United States Machine Co. (Shingle, etc), Williamsport, Pa.
Wheland Co., Chattanooga, Tenn.
Yates P. B. Machine Co. Beloit, Wis.

Edgers (Lumber)

See Edgers, Gang Saw

4194— Edgers (Roofing)

Burritt O. W. & Bro. ("W. C. Bell"), Weedsport, N. Y.
Danzer Metal Works ("Danzer's Lightning," Hand & Foot Power), Hagerstown, Md.

4195— Edgers (Turf)

American Fork & Hoe Co., Cleveland, O.
Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y. *See adv index at end of book*
Kohler F. E. Co., Canton, O.
Potter Mfg. Co., Geneva, O.
Standard Auger Co. ('Finch"), 57 W 34th, Chicago, Ill.
Union Fork & Hoe Co. (Solid Steel Bronze Finish), Columbus, O.

4196—Eductors (Jet Water & Sand Lifting)

Schutte & Koerting Co. ("Koerting"), 1251 N 12th, Phila., Pa.

4196a— Eggs (Darning)

See Balls, also Darning

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

4197— Eggs (Nest)

AMERICAN CRAYON CO. (Hygieia & Lime), 1800 Hayes av, Sandusky, O., & Waltham, Mass.
See adv index at end of book
Point Marion Glass Novelty Co., Point Marion, Pa.
White Tar Co. ("Naptholine"), 4 Cliff, New York

4198—Ejectors (Ash, Hydraulic)

Davidson M. T. Co. ("Davidson"), 43 Keap, Brooklyn, N. Y.
East Bangor Mfg. Co., Bangor, Pa.
Marine Mfg. & Supply Co., 158 South, New York
Row & Davis Engineers Inc., 90 West, New York *See adv index at end of book*

4199—Ejectors (Bronze Bleach)

Perkins B. F. & Son, Holyoke, Mass.

Ejectors, Jet Pumps or Syphons

See Injectors & Ejectors, Boiler

Ejectors (Sewage, Automatic)

See Sewage Ejectors

4200—Ejectors (Steam, Acid Proof)

Duriron Casting Co. ("Duriron"), Dayton, O.

Elaterite

See Hydro Carbons

4200a—Elbows (Ash Ejector)

Row & Davis Engineers, Inc., 90 West, New York *See adv index at end of book*

4201— Elbows (Boiler)

Blake Specialty Co. (With Union), Rock Island, Ill.
Grabler Mfg. Co. (With Union), Cleveland, O.

4202— Elbows (Brass)

Berglas M. P. Mfg. Co., 10 Fulton, Brooklyn, N. Y.
Buckeye Iron & Brass Works (Finished), Dayton, O.
Columbus Brass Works, 538 Dublin av, ("Columbus"), Columbus, O.
See adv index at end of book
Commonwealth Brass Works (Compression), Detroit, Mich.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Dearborn Brass Co., Cedar Rapids, Ia.
Detroit Lubricator Co. ("Detroit"), Detroit, Mich.
Detroit Sanitary Supply Co. ("Clean-Sweep"), 1191 Second, Detroit, Mich.
Exeter Brass Works, Exeter, N. H.
Federal-Huber Co., 234 N Halsted, Chicago, Ill.
Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
Haines, Jones & Carbury Co., 1136 Ridge av., Phila., Pa.
Haydenville Co., Haydenville, Mass.
Kellogg-Mackay Co., 419 W 18th, Chicago, Ill.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Larkin J. K. & Co. (Iron Pipe, etc.), 34 Reade, New York.
See adv index at end of book
LUNKENHEIMER CO. Executive Offices & Factories: Beekman & Waverly, Cincinnati, O *See adv index at end of book*
McCambridge Co., 20th & Wood, Phila., Pa.
McNab & Harlin Mfg. Co., 55 John, New York
McRae & Roberts Co., 227 Campbell av, Detroit, Mich.
See adv index at end of book
Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill. *See adv index at end of book*
Perkes Chas. (Est. of), 627 Arch, Philadelphia, Pa.
Powell Wm. Co., Cincinnati, O.
Rundle-Spence Mfg. Co., 63 2d, Milwaukee, Wis
Sanitary Co. of Amer., Linfield, Pa.
Sherman H. B. Mfg. Co., Battle Creek, Mich.
Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
Walworth Mfg. Co., Boston, Mass.
Whitlock Coil Pipe Co., Hartford, Conn.
Wolff L. Mfg. Co., 111 N Dearborn, Chicago, Ill.
Wolverine Brass Works, Grand Rapids, Mich.
Woodward-Wanger Co, 1106 Spring Garden, Philadelphia, Pa

4203—Elbows (Cast or Malleable)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Central Foundry Co. (Cast), 90 West, New York
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Franklin Pipe & Foundry Co., 2438 S Paulina, Chicago, Ill.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
Jarecki Mfg. Co. (Brass & Iron), Erie, Pa.
Kellogg-Mackay Co., 419 W 18th, Chicago, Ill.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
McWane Pipe Works, Lynchburg, Va.
Malleable Iron Fittings Co. ("M. I. F. Co.," Malleable), Branford, Conn.
Messinger Mfg. Co., Tatamy, Pa.
Millar Chas. & Sons Co., Utica, N. Y.
Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
United States Radiator Corp., B'way & Grand River, Detroit, Mich
Walworth Mfg. Co., Boston, Mass.
Wolff L. Mfg. Co., 111 N Dearborn, Chicago, Ill.

4204-5— Elbows (Closet)

American Pin Co. ("Ampinco"), Waterbury, Conn.
American Sanitary Mfg. Co. ("American"), Abingdon, Ill.
Becker Mfg. Co., Marietta, O.
Columbus Brass Co., 538 Dublin av, Columbus, O.
See adv index at end of book
Compound Injector & Specialty Co. ("Dehn's," "Acme"), 419 N Laramie av, Chicago, Ill.
Cooper Sanitary Mfg. Co., 34th & Chestnut, Phila., Pa.
Federal-Huber Co., 234 N Halsted, Chicago, Ill.
Fleck Bros. Co., 44 N 5th, Phila., Pa.
Franklin Pipe & Foundry Co., 2438 S Paulina, Chicago, Ill.
Frost Mfg. Co., Kenosha, Wis.
Glauber Brass Mfg. Co., 49th & Superior av, N E, Cleveland, O.
Ideal Supply Co., Somerville, Mass.
Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
Wolff L. Mfg. Co., 111 N Dearborn, Chicago, Ill.
Wolverine Brass Works, Grand Rapids, Mich.

Elbows (Conductor Pipe)

See Elbows & Shoes Conductor Pipe

Elbows (Furnace)

See Furnace Pipe & Fittings

4206—Elbows (Plumbers' Rubber)

Canfield H. O. Co. ("1901"), Bridgeport, Conn.
Canfield Rubber Co. ("Redtex," "Blackrock"), Bridgeport, Conn.
Empire Tire & Rubber Corp., East Trenton, N. J.
Glauber Brass Mfg. Co. ("Cut-Me-Off" Rubber Closet), 49th & Superior av N E, Cleveland, O.
Goodrich B. F. Co., Akron, O.
Home Rubber Co., Trenton, N. J.
Mechanical Rubber Co., Cleveland, O.
Norwalk Mfg. Co., E Norwalk, Conn.
Pennsylvania Rubber Co., Jeannette, Pa.

Elbows (Stove Pipe)

See Stove Pipe & Elbow Mfrs.

4207—Elbows (Street or Service)

Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Exeter Brass Works, Exeter, N. H.
Flagg Stanley G. & Co., Morris bldg, Phila., Pa.
Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
Jarecki Mfg. Co., Erie, Pa.
Malleable Iron Fittings Co. ("M I F Co."), Branford, Conn.
Sherman H. B. Mfg. Co., Battle Creek, Mich.
Wolff L. Mfg. Co., 111 N Dearborn, Chicago, Ill.
Wolverine Brass Works, Grand Rapids, Mich.

4208— Elbows (Union)

Bard Union Co., Norwich, Conn.
Belknap Mfg. Co., Bridgeport, Conn.
Capitol Brass Works, Detroit, Mich.
Crane Co. (Est. 1855) (Malleable, etc), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Dart E. M. Mfg. Co. ("Dart"), 1012 Eddy Providence, R. I.
See adv index at end of book
Exeter Brass Works, Exeter, N. H.
Flagg Stanley G. & Co. (Malleable Iron), Morris bldg, Phila., Pa
Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
Jefferson Union Co, ("Jefferson"), Lexington, Mass.
Kellogg-Mackay Co., 419 W 18th, Chicago, Ill.
Kelly & Jones Co. (Malleable Iron, etc), 135 Water, Pittsburgh, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McNab & Harlin Mfg. Co., 55 John, New York
McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.
See adv index at end of book
Malleable Iron Fittings Co. ("M I F Co."), Branford, Conn.
Milwaukee Valve Co. (Brass), 189 Burrell, Milwaukee, Wis.
Ohio Brass Co. ("O B"), Mansfield, Ohio
Pittsburgh Valve & Fittings Co. ("Pittsburg"), Frick bldg, Pittsburgh, Pa.
Powell Wm. Co., Cincinnati, O.
United States Radiator Corp., B'way & Grand River, Detroit, Mich.
Walworth Mfg. Co., Boston, Mass.
Williams D. T. Valve Co., Cincinnati, O.
Wolff L. Mfg. Co., 111 No Dearborn, Chicago, Ill.

4209—Elbows & Shoes (Conductor Pipe)

Berger Mfg. Co., Canton, O.
Camden Elbow Co., Camden, N. J.
Canton Art Metal Co., Canton, O.
Delphos Mfg. Co., 1st & Pierce, Delphos, O.
Dieckmann Ferdinand Co., 2423 Harrison av, Cincinnati, O.
Dowman-Dozier Mfg. Co., Atlanta, Ga.
EDWARD MFG. CO. (Corrugated, etc.), 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Friedly-Voshardt Co. (Galvanized & Copper), 733 S Halsted, Chicago, Ill.
Globe Iron Roofing & Corrugating Co., Newport, Ky.
Hussey C. G. & Co. (Copper Only), 2850 2nd av, Pittsburgh, Pa.
Klauer Mfg. Co., Dubuque, Ia.
Lamb & Ritchie Co. (Corrugated, etc.), Cambridge, Mass.
Lupton's Davids' Sons Co. ("Luptons"), E Allegheny & Tulip, Philadelphia, Pa.

ELBOWS & SHOES (CONDUCTOR PIPE) —continued

Merchant & Evans Co., 2035 Washington av, Phila., Pa
See adv index at end of book
Messenger & Parks Mfg. Co., Aurora, Ill.
Meurer Bros. Co., 575 Flushing av, Brooklyn, N. Y.
Milwaukee Corrugating Co., Milwaukee, Wis.
Newark Steel & Iron Works, 12 Mercer, Newark, N. J.
New England Steel Roofing Co. (Corrugated, etc), Worcester, Mass.
New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La
Niles Iron & Steel Roofing Co., Niles, O.
Ohio Corrugating Co., Warren, O.
Reeves Mfg. Co., Dover, O.
Scott Roofing & Mfg. Co. (Corrugated, etc), 408 Culvert, Cincinnati, Ohio
Souther E. E. Iron Co., Klenlin & Hamburger, St. Louis, Mo.
Tiffin Art Metal Co., 20 Broad, Tiffin, Ohio
Valley Cornice & Slate Co, Ltd, Saginaw, Mich
Whitaker-Glessner Co. (Wheeling Corrugating Dept), Wheeling, W. Va.

4210—Election Booths (Steel or Wood)

EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Van Dorn Iron Works Co, 2700 E 79th, Cleveland, O.

4210a—*Electric Automatic Whistle Operator

Pneumercator Co., Inc., 118 Liberty, New York. *See adv index at end of book*

4211—Electric Blasting Apparatus

See also Blasting Fuses, Caps, etc
Rendrock Powder Co., 106 Wall, New York

Electric Car Lighting Apparatus

See Car Lighting Apparatus

4211a—*Electric Haulage Systems

LAKEWOOD BUILT TO LAST The LAKEWOOD ENGINEERING Co. CLEVELAND. OHIO. U.S.A

4212—Electric Heating & Ironing Outfits (Shoe Factory)

Boston Last Co. ("Peerless"), 44 Binford, Boston, Mass.

4212a—* Electric Hoists

See also Hoists, Electric
STREET BROS. MACHINE WKS., Chattanooga, Tenn.

Electric Light Fixtures

See Electric & Gas Light Fixture Mfrs.

4213—Electric Light Plants (Portable or Stationary)

Acme Road Mach. Co., Frankfort, N. Y.
Acorn Elect. Mfg. Co., Minneapolis, Minn.
Alamo Farm Light Plant Co., Omaha, Neb.
Alamo Mfg. Co., Hillsdale, Mich.
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
American Battery Co., 1132 Fulton, Chicago, Ill.
American Gas Mach. Co., Albert Lea, Minn.
Andrae Julius & Sons Co., 362 B'way, Milwaukee, Wis.
Armstrong Mfg. Co., Waterloo, Ia.
Ashbrook Elec. Co., 411 Ravenswood av, Chicago, Ill.
Atlas Elec. Storage Battery Co., Greenville, Mich.
Automatic Light Co., Port Clinton, O.
Barber James-Dwinnell Elec. & Mfg. Co., Kansas City, Mo.
Brushlite Co., 255 Greenwich, New York
Bruston Elec. Ltg. & Power Co.. (Imp), 101 Park av, New York
Carlisle & Finch Co., 229 E. Clifton av, Cincinnati, O.
Central Elec. Co., 320 S 5th av, Chicago, Ill.
Commercial Elec. Supply Co., 15th & 8 Pine, St. Louis, Mo.
Consolidated Utilities Corp., 219 W Lake, Chicago, Ill.
Cushman Motor Wks., Lincoln, Neb.
Dayton Electrical Mfg. Co. (For Home, Farm or Factory), Dayton, Ohio
Domestic Engng. Co., Dayton, O.
Dyneto Elec. Corp. ("Dyneto" Isolated), Syracuse, N. Y.
Edison Storage Battery Co., Orange, N. J.
Electrical Testing Co., Peoria, Ill.
Eli Bridge Co. (Portable), Roodhouse, Ill.
Engberg's Elec. & Mechanical Wks., St. Joseph, Mich.
Fairbanks Co., 416 Broome, New York
See adv index at end of book
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Fay & Bowen Engine Co., Geneva, N. Y.
Friday Mach. & Supply Co., Sigourney, Ia.
Frost Engineering Co., Evansville, Wis.
Fuller & Johnson Mfg. Co., Madison, Wis.
Garford Mfg. Co. (Stationary Only), Elyria, Ohio
Gasoline Engine Equipment Co., 30 Church, New York
Gas Engine & Power Co., Morris Heights, New York
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
General Gas Electric Co., Hanover, Pa.
Globe Electric Co., 195 B'way, Milwaukee, Wis.
Gray Elec. Co., Springfield, O.
Gray Motor Co., Oakland & McLean, Detroit, Mich.
Hur Engine Co., Portsmouth, O.
Hendricks Magneto & Elec. Co., 1203 St. Paul, Indianapolis, Ind.
Jones L. B. Co., Kansas City, Mo.
Korsmeyer Co., Lincoln, Neb.
Kewanee Private Utilities Co., Kewanee, Ill.
Lalley Electro Lighting Co., 1823 Mt. Elliot av, Detroit, Mich.
Langstadt & Meyer Co., Appleton, Wis.
Lauson-Lawton Co., DePere, Wis.
Lebby Engrg. Co., Charleston, S. C.
McBee Engine & Implement Co., Lexington, Miss.
Main Electric Mfg. Co., 500 Aiken av, Pittsburgh, Pa.
Marron Mfg. Co., Rock Island, Ill.
Matthews Engineering Co., Sandusky, O.
Matthews Engineering Co. (For Homes, etc.), Sandusky, O.
Mayhew Co., 867 31st, Milwaukee, Wis.
Merrell Co., Toledo, O.
Miller Co., Clay Center, Kans.
Moon Mfg. Co. (Portable; also Marine), 122 N Jefferson, Chicago, Ill.
Nichols & Wright Motor Co., 281 Parkridge av, Buffalo, N. Y.
Park C. W. (Portable), Leavenworth, Kans.
Parker Chas. H. & Son, Denver, Colo.
Regal Gasoline Engine Co., Coldwater, Mich.
Remington Oil Engine Co., 30 Church, New York
Richardson Eng. & Mfg. Co., Hartford, Conn.
Roberts-Hamilton Co., 413 S Fourth, Minneapolis, Minn.
Russel Co. E. L., 708 State Life, Indianapolis, Ind.
Sackett Mine Supply Co (For Home, Farm or Centralized School), 164 N Third, Columbus, O
Schug Elec'l Mfg. Co., E, Detroit, Mich.
Silvey Elect. Co., Dayton, O.
Sturtevant B. F. Co. (Gasoline Elect.), 15 Damon, Hyde Park, Mass.
Suburban Lighting Co., Toledo, O.
S. V. M. Sales Corp., 1765 B'way, New York
Swartz Elec. Co., Indianapolis, Ind.
Unilectric Corp., Detroit, Mich.
United Engine Co., Lansing, Mich.
Universal Battery Co., 3410 S La Salle, Chicago, Ill.
Universal Motor Car Co., Oshkosh, Wis.
Utility Battery Co., 123 W Madison, Chicago, Ill.
Warner Lamp Co., Davenport, Ia.
Western Elec. Co., 463 West, New York
Western Utilities Co., 204 Grand av, Milwaukee, Wis.
Wisconsin Fdry. & Mach. Co., Madison, Wis.

Electric Light Poles

See Poles, Iron & Steel, Flag & Street; also Ties, Poles & Posts

4213a—*Electric Lighting Fixtures (Industrial)

See also Elec. & Gas Light Fixtures
Benjamin Elec. Mfg. Co.

INDUSTRIAL LIGHTING
BENJAMIN PRODUCTS
BENJAMIN ELECTRIC MFG. CO.
Chicago
New York San Francisco

4214—*Electric Lighting Plants for Yachts

Fay & Bowen Engine Co., Geneva, N. Y.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

4215— Electric Lighting Sets

American Blower Co., 1400 Russell, Detroit, Mich.
Edison Elec. Illuminating Co. of Brooklyn, 360 Pearl, Brooklyn, N. Y.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Ideal Electric & Mfg. Co., Mansfield, O.
Imperial Electric Co., Akron, O.
WESTINGHOUSE ELECTRIC & MFG. Co., East Pittsburgh, Pa.
See adv index at end of book

4216—Electric Lighting Systems (Auto)

Brown John W. Mfg. Co., Columbus, O.
Connecticut Telephone & Electric Co., Meriden, Conn.
Cushman Motor Works, Lincoln, Neb.
Dyneto Electric Corp., Syracuse, N. Y.
Edison Elec. Illuminating Co. of Brooklyn, 360 Pearl, Brooklyn, N. Y.
Electric Auto-Lite Co., Toledo, O.
Gray Motor Co., Oakland & McLean, Detroit, Mich.
Hoosier Storage Battery Co., Evansville, Ind.
Imperial Electric Co., Akron O.
Northwestern Mfg. Co., 482 Clinton, Milwaukee, Wis.
United States Light & Heat Corp. ("U S L"), Niagara Falls, N. Y.

4217— Electric Novelties

Electric Appliance Co. ("Morse" High Grade Electric Belts, Electric Insoles, Inhalers, etc), Burlington, Kans.
Elektra Toy & Novelty Co., 400 Lafayette, New York
Interstate Electric Novelty Co., 104 S 4th, Brooklyn, N. Y.
Ohio Electric Works, Cleveland, O.
Standard Electric Novelty Co., 730 W. Randolph, Chicago, Ill.
Swedish-American Tel. Mfg. Co., 5235 Ravenswood av, Chicago, Ill.
Union Battery Co. (Miniature), Belleville, N. J.

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*Southwest General Electric Company. For Canadian Business refer to Canadian General Electric Company, Ltd., Toronto, Ont
General Foreign Sales Offices, Schenectady, N. Y.; Equitable Bldg., 120 Broadway, N. Y. City; 83 Cannon St., London, E. C., England.

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Products not advertised often have only a *local* sale, beyond which demand is not sought for them.

4218-9—Electric Protective Devices

CUTLER-HAMMER MFG. CO., 12 & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.
Johns H. W.-Manville Co., Madison av & 41st, New York
Johns-Pratt Co., The ("Noark" Fuses & **Accessories), Hartford, Conn.**
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Electric Railway Contractors

See Contractors, Building & General

4220—Electric & Gas Light Fixture Mfrs.

ARIZONA.

PHOENIX—Thoma E & Co.

CALIFORNIA.

ALAMEDA—Bechtle Otto
LOS ANGELES—Beacon Light Co.
California Fixture Co., 1422 So Main
Forve-Pettebone Co.
Green H. L.
McCurdy-Miller Co., Van Nuys bldg
Meyberg Co.
Mission Fixture Co., 828 S B'way
Parmelee Z. L. Co., 217 E 17th
Post C. E. & Co., 399 W av, 26
Western Fixture Co., 737 W 16th
SAN FRANCISCO—Adams, Hollopeter & Mallett, 353 Sutter
Brass & Bronze Ornamental Art Mfg. Co., 1061 Mission
Burtchaell John W, 357 Ellis
Coefield Mfg. Co., 51 Shipley
Day Thomas Co., 725 Mission
Gas Consumers Ass'n., 467 O'Farrell,
Hufschmidt L. A. Mfg. Co., 773 Mission
Ickelheimer Bros. Co., 439 Sutter
Incandescent Supply Co., 726 Mission
Roberts Mfg. Co., 663 Mission
United Lighting Fixture Co., 1149 Mission
Wizard Electric Lamp Co. ("D'Light"), 147 New Montgomery
SAN JOSE—Baker T. E. & Sons Co.

COLORADO.

DENVER—Sechrist Albert Mfg. Co.

CONNECTICUT.

MERIDEN—Bradley & Hubbard Mfg. Co.
Brenner Bros. Mfg. Co.
Miller Edw. & Co.
Parker Chas. Co.
SOUTHINGTON—Brass Fixtures Co.
WATERBURY—Waterbury Mfg. Co.

DISTRICT OF COLUMBIA.

WASHINGTON—Catlin, Elmer H. Co., 309 13th, N W

ILLINOIS.

CHICAGO—Acme Chandelier & Mfg. Co., 165 N Wabash av
American Brass & Glass Co., 790 N La Salle
Baehker F., 2531 Milwaukee av
Baggot E Co. 21 E Lake
Beardslee Chandelier Mfg. Co., 216 S Jefferson
Braun David J. Mfg. Co., 6800 N Ashland av
Central Chandelier Co., 1547 Fulton
Chicago General Fixture Co., 19 E Lake
Cook & Corswandt, 20 E Lake
Debs Chas. H. Co., 170 W Randolph
Decorators' Supply Co. (Composition), Archer av & Leo, Chicago, Ill.
Edwards Lighting Fixture Co., 65 E Lake
Englewood Chandelier Works, 628 E 63d
Everson C. G. & Co., 70 W Lake
Framburg H. A. & Co., 24 S Clinton
Garden City Chandelier Co., 552 W Jackson blvd
General Lighting Fixture Co., 28 W Lake
Harter Mfg. Co. ("Nitrolites," "Deluxlites," Indirect, "Semi-Indirect"), 522 S Clinton, Chicago, Ill.
Helander Fixture Mfg Co, 2412 Milwaukee av
Herwig Art Shade & Lamp Co. ("Ventilate" Nitrogen Lamp & Ornamental, Cast Metal Out Door Lighting), 2140 N Halsted, Chicago, Ill.
See adv index at end of book
Hovorka John D., 3509 W 12th
Jacobs C. B., 5241 W Chicago av
Kapsa Rudolph, 2320 S Kedzie av
Metallic Mfg. Co., 544 W 35th
Moran & Hastings Mfg. Co., 18 W Washington
Moran & Macnair, 72 W Lake
Pattison J. L. & Co., 552 W Jackson blvd
Pearlman Victor S. & Co., 75 E Adams
Peerless Light Co., 174 W Randolph
Peters H. J. Co., 213 Institute pl
South Side Chandelier Co., 5852 S Halsted
Warren Walter G. & Co., 1401 W Jackson blvd
Williamson R. & Co., 601 Washington
Wilmarth T. W. Co., 324 W Superior
Wilson & Wilk Co., 1540 Milwaukee av
Wingrane & MacNaughton Co., 117 N Wabash av
DECATUR—Farles Mfg. Co. (Adustable)
ELGIN—Elgin Brass & Electrical Mfg. Co.
PEORIA—Peoria Electric Fixture Co.
ROCK ISLAND—Franks Mfg. Co. ("Pianolite")
ST. CHARLES—Crown Electrical Mfg. Co.
St. Charles Fixture Mfg. Co.
SPRINGFIELD—Haas R. Electric & Mfg. Co. (Combination Fixtures)

INDIANA.

BLUFFTON—Brown W. B. & Co. (Wood)
GOSHEN—Goshen Stamping & Brass Co.
INDIANAPOLIS — Henricks Magneto & Elev. Co., 1225 St. Paul
MUNCIE—Rutherford Bros. Co.
TERRE HAUTE—Terre Haute Gas Fixture Co.

IOWA.

MUSCATINE—Niver Iron Works Co.

KENTUCKY.

LOUISVILLE—Louisville Gas & Electric Co.
Wood Harry I. Co.

MARYLAND.

BALTIMORE—Baltimore Gas Light Co., 13 N Howard
Butler, Victor K. Co., S W cor Charles & Center
Fisher & Rohleder, 219 W Saratoga
Good & Craft, 514 N Eutaw
Hill Walter E. & Co., 203 N Liberty
Kries Michael A., 303 W Lombard
Walther Geo. W. & Co., 208 W Fayette

MASSACHUSETTS.

BOSTON—Bigelow, Kennard & Co., 511 Washington
Cambridge Brass Co., 50 Sudbury
Cryptofil Chain Co., 140 Boylston
Finch J. H. Co., 24 Beach
Ireland Robt. D. & Co., 278 Boylston
Knott & Heald Co., 290 Devonshire
McKenney & Waterbury Co., 181 Franklin
New England Brass & Fixture Co., 125 Pearl
Palmer M. S. Co., 151 Franklin
Pettingell-Andrews Co. ("Execuplor," Electric), 166 Pearl
Shreve, Crump & Low Co., 147 Tremont
Tarbell E. H. Co., 15 Washington
Wheeler Reflector Co. (Electric), 156 Pearl
NEW BEDFORD—Pairpoint Corporation
SOMERVILLE—Forg Peter Mfg. Co. (Electric)
WORCESTER—White O. C. Co.

MICHIGAN.

COLDWATER—Champion Brass Works
DETROIT—Detroit Chandelier Lamp Co., 79 B'way
Detroit Gas & Electric Fixture Co., 68 W Gd River av
Detroit Lighting Fixture Co., 222 Jeff av E
Miller Light & Fixture Co., 815 Gratiot av
Netting C. J. Co., 71 B'way
Sherod Ralph E., 866 Hudson
Walker H. L. Co., 185 Jefferson av
GRAND RAPIDS—Weatherley Co.
KALAMAZOO—Ideal Gas Light Co.
LANSING—Allen-Sparks Gas Light Co.

MINNESOTA.

MINNEAPOLIS—Andresen Jacob Co., 314 S 4th
Minneapolis Gas Fixture Co., 814 Hennepin av
Twentieth Century Brass Works, Fifth av, S W
ST. PAUL—Minnesota Chandelier Co. 369 Jackson

MISSOURI.

KANSAS CITY—Bailey-Reynolds Chandelier Co.
Stephens Gas Electric Chandelier Co.
ST. LOUIS—Gross Chandelier Co., 1107 Locust av
Kraushaar Brass Mfg. Co., 919 Pine
Luminous Unit Co. ('Brascolite") Jefferson & Washington av
St. Louis Brass Mfg. Co., Jefferson & Washington av

NEBRASKA.

OMAHA—Burgess-Granden Co.

NEW JERSEY.

BLOOMFIELD—Baylis Co.
BRIDGETON—Bridgeton Chandelier Co.
Crescent Art Metal Co.
HOBOKEN—Lutz Alois M.
JERSEY CITY—Gothberg H. & E., 139 Cator av
N. Y. & N. J. Chandelier Co., 512 Paterson Plank rd
NEWARK—Davidson Chas., 37 Rankin
Jaehling Gas Fixtures Co., 221 13th av
Penn H. M. Co., 306 Washington
Storsberg Fritz Co., 20 Atlantic
United States Gas Fixtures Co., 262 **Washington**
PATERSON—Strutt Wm.
TRENTON—Trenton Gas & Elec. Fixture Mfg. Co.

NEW YORK.

BUFFALO—Art Gas & Electric Fixture Co., 329 Elmwood av
JAMESTOWN—Ellison Brass Mfg. Co.

NEW YORK CITY.

Borough of Brooklyn

BROOKLYN—Bayley & Son, 109 Vanderveer
Daru & Huffman, 18 Bergen
Findlay Robert Mfg. Co., 28 Warren, New York
Gaites, Peace & Co., 204 Willoughby
Hudson Brass Works, 16 Nassau
Luckett Frederick, 266 State
May Sylvester, 98 Schermerhorn
Nichols Gas Fixture Mfg. Co., 1100 Myrtle av
Shapiro & Aronson, 245 Glenmore av
Walbroehl & Co., 3204 Jamaica av
White J. H. Mfg. Co., 111 N 3d

NEW YORK—continued

Boroughs of Manhattan and Bronx.

NEW YORK—Acme Gas & Electric Fixture Co., 132 W 14th
Albert Fixture Co., 707 3d av
Almar Mfg. Co. (Wood), 47 W 34th
Archer & Pancoast Co., 507 W 24th
Artistic Chandelier & Lamp Wks., 17 Battery pl
Baeder J. L., 2849 Webster av
Bagues Freres Co., 705 5th av
Black & Boyd Mfg. Co., 432 E 23d
Blanchard & Kelly, 157 E 128th
Blatt S. & Co., 49 Elizabeth
Bradley & Hubbard Mfg. Co., 200 5th av
Brassart Fixture Co., 20 Warren
Butensky I., 342 Bowery
Caldwell Edw. F. & Co., 38 W 15th
Cassidy & Son Mfg. Co. ("Glo-Lite"), 101 Park av
Central Chandelier Co., 224 Centre
Colonial Chandelier Works, 122 Centre
Columbia Gas & Electric Fixture Co., 182 Grand
Cory Chas. & Son, 286 Spring
Dale Lighting Fixture Co., 107 W 13th
Eclipse Light Co., 583 B'way
Eisenberg M. & Son, 165 Grand
Empire Brass Co., 329 E 26th
Empire Lighting Fixture Co., 224 Centre
Falkenbach Mfg. Co. (Woodfibre), 159 E 54th
Freeman Philip & Bros., 92 Bowery
Goodfarb Chas., 219 Grand
Hasbrouck-Bergen Co., 223 E 38th
Heather R. C. Co., 19 W 36th
Home Light Co. of America, 1955 Park av
Ideal Gas & Electric Fixture Co., 433 B'way
Iden Henry (Est of), 46 University pl
Knickerbocker Chandelier & Electrical Supply Co., 325 W 42d
Leveridge Chas. W. ("L. & L." Electric Show Case), 133 Liberty
McCoy J. B. & Son, 114 W 30th
McFaddin H. G. & Co., 38 Warren
Miller Edw. & Co., 68 Park pl
Mitchell Vance Co., 507 W 24th
Municipal Lighting Co., 120 E 15th
Ornamental Art Metal Works, 50 Church
Pellegrini A. & Co., 155 W 29th
Plaut L. & Co. (For the Trade Only), 432 E 23d
Reading Hardware Co. (Chandeliers), 50 Franklin
Rosenbaum & Philips, 204 W Houston
Shapiro & Aronson, 20 Warren
Silvestro C., 4149 Park av
Simes Co., 22 W 15th
Sterling Bronze Co., 16 E 40th
Tiffany Studios, 361 Madison av
Tuck A. J., 329 E 26th
Union Gas Fixture Co., 361 W 42d
Wahle-Phillips Co, 101 Park av
Walsh Owen Mfg. Co., 525 W 26th
Wrought Iron & Art Glass Fixture Co., 6 Howard
Wyle J. J. & Bros., Inc. (Cut Glass Chandeliers), 25 E 27th

(End of New York City)

TROY—Hinsdill Electric Co. (Electric Individual for Sewing Machine Tables)
UTICA—Seneca Brass & Plating Works
Utica Brass Works

NORTH CAROLINA.

CHARLOTTE—Smith Electric Fixture Co.
GREENSBORO — Peerless Chandelier Works

OHIO.

CINCINNATI — Cincinnati Artistic Wrought Iron Co., 2941 Eastern av
Davidson J. W. & Co., 629 Main
Ohio Gas & Electric Fixture Co.
Peoples Gas Fixture Co., 6th & Main
CLEVELAND—Art Metal Mfg. Co., E 61st & Curtis av
Brookins Co., 1747 Euclid av
Central Gas & Electric Fixture Mfg. Co., 805 Vincent av N E
Cleveland Chandelier Co., 1522 Brownell court
Collins Clarence H.
Euclid Av. Electric Fixture Co., 5213 Euclid av
Gas Fixture & Brass Co.
Kayline Fixture Co., 321 High av
Metropolitan Gas & Electric Fixture Co., 1767 E 55th
Modern Electric Co., 5317 Euclid av
Morreau Co., 1303 Oregon av N E
Ohio Gas & Elec. Fixture Mfg. Co., 2183 2d
Scott-Ullman Co., 3400 Perkins av, N E
COLUMBUS—Cussins Charles D. Co. (Dealers), 170 N 3d
Federal Mfg. Co., 168 W Long
SPRINGFIELD—Springfield Gas Fixture Co.
TOLEDO—Toledo Chandelier Mfg. Co.
Western Gas Fixture Co., 611 St. Clair
TROY—American Fixture & Mfg. Co.
Metallic Novelty Co.
URBANA—Mohrlite Co.
VERMILION—Wakefield F. W. Brass Co.

PENNSYLVANIA.

ALLENTOWN—Royal Chandelier Works
BRIDGEVILLE—Frederick-Elder Co.
EAST PITTSBURGH—**WESTINGHOUSE ELECTRIC & MFG. CO.** (Electric Only)
See adv index at end of book
PHILADELPHIA—American Gas Fixture Works, 1235 Filbert
Biddle-Gaumer Co., 3846 Lancaster av
Branagan James M., 537 W Erie
Brown F. P., 45 N 6th
Cherry Chandelier Co., 827 Spring Garden av
Colonial Mfg Co, Alleghany & A.
Fingerhut Ed., 1206 N 4th
Frankford Gas Fixture Co., 4270 Frankford
Grell Jacob W, 812 Noble
Heller C. B., 622 Arch
Horn & Brannen Mfg. Co., 427 N Broad
Klause Jos. P., 11th & Ridge
Lloyd-Garrett Co., 15th & Locust
Novelty Gas & Elec. Fixture Co. 5th & Green
Sulzer & Co., 252 N 11th
PITTSBURGH—Macbeth-Evans Glass Co. ("Alba," "Decora," "Thebian," "Monax"), Wabash bldg
Pittsburgh Gas & Electric Fixture Co., 428 Penn
Pittsburgh Lamp, Brass & Glass Co. (Indirect), 130 7th
READING—Keystone Gas Fixture Works
Reading Chandelier Works
WILKES BARRE—Shepherd & Rust

RHODE ISLAND.

PROVIDENCE—Franklin Specialty Mfg. Co. ("Anderson" Adjustable Light Holder), 710 Eddy
Law & Hawxhurst, 164 Pine
Providence Gas & Electric Fixture Co., 9 Fenner
Shirley Jno. R. & Sons, 68 Franklin

VIRGINIA.

NORFOLK—Building Supplies Corp.

WISCONSIN.

MILWAUKEE—Franke H. E., 421 B'way
Grassler & Gezelschap (Gas), 214 3rd
Milwaukee Gas & Elec. Fixture Co., 1910 Fond du Lac av
Massino J. Mfg. Co., 740 3d
Polackeck Chas. & Bro. Co., 217 3rd
WATERTOWN—Brandt-Dent Co.

4221—Electric & Gas Light Portables

See also Electric & Gas Light Fixture Mfrs.; also Portables Electric

Amboy Works, Perth Amboy, N. J.
Boston Brass Andiron Co. (Electric), 104 Utica, Boston, Mass.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Farber S. W. (also Showers & Domes), 147 S 5th, Brooklyn, N. Y.
Faries Mfg. Co. (Adjustable), Decatur, Ill.
Forg Peter Mfg. Co. (Electric Industrial Adjustable), Somerville, Mass.
Kraushaar Brass Mfg. Co. (Adjustable, also Newels or Portables), 919 Pine, St. Louis, Mo.
Miller Edw. & Co., Meriden, Conn.
Parker Chas. Co., Meriden, Conn.
Quaker City Brass Works, 336 N 3d, Phila., Pa.
Rubes Electric Devices, 255 Classon av, Brooklyn, N. Y.
Turner & Seymour Mfg. Co., Torrington, Conn.

4221a— *Electric Transfers

LAKEWOOD BUILT TO LAST The LAKEWOOD ENGINEERING Co. CLEVELAND. OHIO. U.S.A

4222—*Electrical Engineers & Contractors

Truswell W. & Sons, 16 Cedar, New York
Tucker Elec. Const. Co., 114 W 30th, New York
WESTINGHOUSE ELEC. & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

4223—*Electrical Parts & Fittings (Stamped)

Alpha Elect. Co. (Jobbers), 116-18 W 29th, New York
GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

4224 — *Electro-Cardiographic Apparatus

Taylor Instrument Co.'s, Rochester, N. Y.
See adv index at end of book

4225—Electro Chemical Apparatus

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

4225a—Electroliers (Iron & Bronze)

See also Electric & Gas Light Fixtures

Tyler W. S. Co., Cleveland, O.
See adv index at end of book

4226— Electro Plating

American Nickeloid Co. (also Buffing & Polishing), Peru, Ill.
Backus Corp. (& Polishing), Brandon, Vt.
Bastian Bros. Co., Rochester, N. Y.
Biddle-Gaumer Co., 3846 Lancaster av, Phila., Pa.
Boston Brass Co., 135 Bacon, Waltham, Mass. *See adv index at end of book*
Brand & Herrmann, 247 Centre, New York
Burridge B. W., 461 Bush, San Francisco, Cal.
Cal. Artistic Metal & Wire Co., 349 7th, San Francisco, Cal.
Chelsea Electro Plating & Polishing Co., 247 Centre, New York
Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
Cleveland Plating Co., 3610 Superior, Cleveland, O.
Coleman Adelbert E., 336 W 37th, Chicago, Ill.
Cooke Jos. S., 20 Jacob, New York
Dalton John J., 20 Jacob, New York
Detroit Shipbuilding Co. (Brass Dept), Detroit, Mich.
Fowler Lamp & Mfg. Co. (All Finishes), 59 E 24th, Chicago, Ill.
Gem Stamped Steel Co. (also Buffing, Polishing), Chelsea, Mass.
Geran J., 168 Centre, New York
Golden West Plating Wks., 131 Mission, San Francisco, Cal.
Grammes L. F. & Sons (Contract Work a Specialty), Allentown, Pa.
See adv index at end of book
Gray Iron Fdry. Co. (of Castings), Reading, Pa.
Hague Walter E. & Son, Barker pl, Pittsburgh, Pa.
Harry Bros Mfg Co, 282 Woodbridge, E. Detroit, Mich.
Highton Wm. & Sons Co., Nashua, N. H.
Homan & Co. (Hollow Ware), Cincinnati, Ohio
Ingraham A. S. Co., Attleboro, Mass.
Jackson Wm. H. Co., 2 W 47th, New York
Johnson Bronze Co., New Castle, Pa.
Kenny Jos. B. & Co., 1205 Olive, St. Louis, Mo.

McKenna Brass & Mfg. Co., Inc., 1st av & Ross, Pittsburgh, Pa.
Megquier & Jones Co., Portland, Me.
Metal Crafters, East Stroudsburg, Pa.
See adv index at end of book
Meyer Louis J., 804 Walnut, Phila., Pa.
Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
National Mfg. & Electro Plating Co. (Nickel & Silver), 16 Calender, Providence, R. I.
New Acme Plating Co. (Gold, Silver, Nickel, Brass & Copper), 59 Page, Providence, R. I.
Newfield Silver Mfg. Co., Inc. (also Buffing & Polishing), Bridgeport, Conn.
Newell Mfg. Co. (Silver, Nickel & Brass), Ogdensburg, N. Y.
New Haven Plating & Novelty Co. (All Finishes), 31 Artezan, New Haven, Conn.
Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill.
See adv index at end of book
Nuss Mfg. Co., Harrisburg, Pa.
Republic Mfg. Co., Milwaukee, Wis.
Richey, Browne & Donald, Flushing av, Maspeth, N. Y.
Rockford Metal Specialty Co., Rockford, Ill.
Royal Polishing Works, 255 Centre, New York
St. Louis Brass Mfg. Co., Jefferson & Washington, St. Louis, Mo.
St. Louis Trunk Hardware Mfg. Co., St. Louis, Mo.
Sessions J. H. & Son, Bristol, Conn.
Sharpless & Watts Co., 1520 Sansom, Phila., Pa.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
SPENCER'S I. S. SONS Inc., Guilford, Conn.
Standard Plating Wks., 446 N 12th, Phila., Pa.
Stecker Electric & Machine Co., Detroit, Mich.
Star Plating Works, 98 Broadway, Buffalo, N. Y.
Taylor & Boggis Foundry Co., Cleveland, Ohio
Tillmann E., 197 Grand, New York
Totten F. E. & Sons, 97 Cliff, New York
Tuckers Plating Works, Rochester, N. Y.
Wisconsin Iron & Wire Works (Bronze), Milwaukee, Wis.

4227—*Electro Plating (Bronze)

See also Electro Plating

Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book

4228—Electro-Therapeutic Apparatus

American X-Ray Equipment Co., 50 E 42d, New York
Birtman Electric Co., 1422 W Randolph, Chicago, Ill.
Meyer Wm. Co., 817 Washington, Chicago, Ill.
Ten Broeck & Huber, 214 E 23d, New York
Waite & Bartlett Mfg. Co., 252 W 29th, New York

4229— Electrodes

Acheson Graphite Co. (Carbon Graphite), Niagara Falls, N. Y.
American Carbon & Battery Co. (Carbon), E. St. Louis, Ill.
American Platinum Works (Platinum), Oliver & N J R R av, Newark, N. J.
Anchor Electric Co., 557 W Jackson blvd, Chicago, Ill.
Baker & Co. (Platinum), 54 Austin, Newark, N. J.
Beckman & Linden Engng. Corp. (Carbon), Balboa bldg, San Francisco, Cal.
Bishop J. & Co. (Platinum), Malvern, Pa.
Bunnell J. H. & Co. (Galvanic, Faradic, etc), 32 Park pl, New York
Chloride of Silver Dry Cell Battery Co. (Medical), 407 N Paca, Baltimore, Md.
Eimer & Amend (Platinum), 205 3d av, New York
LEAVITT C. W. & CO. (Carbon), 34 Church, New York
See adv index at end of book
National Carbon Co. (Carbon, Any Size Up to 24 inch Cross Section), Madison av, N W, & W 117th, Cleveland, O.
Scheidel-Western X-Ray Co. (Glass & Metal), 737 W Vanburen, Chicago, Ill.
Star Electrode Wks. of Nat'l Carbon Co., Niagara Falls, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

4230—Electrogrip (Drop Light)

Yost Electric Mfg. Co. (For Suspended Lights & Cords), Toledo, O.

Electroliers

See Electric & Gas Light Fixture Mfrs.

4231—Electrolysis Prevention Apparatus

Brown Harold P., 120 Liberty, New York

4232-3— Electrolyzers

Electro Chemical Co. (Self-Circulating Type for Laundries), Dayton, O.

4234— Electroscopes

Minerallac Electric Co., 1045 Washington bl., Chicago, Ill.

Elevators, Acid

See Montejus, Automatic

4235— Elevator Air Cushions

Biggen Charles P. Co., 1829 Harlan, Phila., Pa.

4236—*Elevator Cars & Enclosures

See also Bronze, Architectural, etc; also Iron, Architectural, etc
BUFFALO WIRE WORKS CO., 453 Terrace, Buffalo, N. Y.
See adv index at end of book
Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
Columbus Wire & Iron Works Co., Columbus, O.
DAHLSTROM METALLIC DOOR CO. 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book
GORHAM CO. ARCH'L BRONZE, (Brass & Bronze), 5th av & 36th, New York
See adv index at end of book
HANKE IRON & WIRE WORKS, 800 No. Albany av, Chicago, Ill.
See adv index at end of book
Howard & Morse, 46 Fulton, New York
Perkins Mfg. Co. (Metal), University & Fairview avs, St. Paul, Minn.
See adv index at end of book
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Solar Metal Products Co. (Steel), Columbus, O.
Steelite Co., 1920 W 77th, Cleveland, O.
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.
WRIGHT WIRE CO. (All Metals & Finishes), Worcester, Mass.
See adv index at end of book

Elevator Casings (Fireproof)

See Casings, Steel Elevator

Elevator Door Locking Device

See Elevator Safety Locks

4237—Elevator Door Openers & Closers

Elevator Supplies Co. ("Norton"), Hoboken, N. J.
Haughton Elevator & Machine Co., 679 Spencer, Toledo, O.
Republic Structural Iron Wks. Co., 1350 E 53rd, Cleveland, O.
Richards-Wilcox Mfg. Co., Aurora, Ill.

4238—*Elevator Doors & Enclosures

DAHLSTROM METALLIC DOOR CO. (Hollow Metal Enclosures, Fireproof, Glazed with Wire Glass or with Solid Panels; An Ideal Equipment in Fireproof Qualities, in Ease of Operation, Durability & Beauty of Finish & Style), 35 Blackstone av, Jamestown, N. Y. *See adv index at end of book*

4239—*Elevator Folding Gates (Self Closing)

Pitt Wm. R. Composite Iron Works ("Pitt" Patents), 221 W 26th, New York
See adv index at end of book

ELEVATOR DOORS *and* ENCLOSURES *of* HOLLOW METAL

SINGLE SWINGING
DOUBLE SWINGING
SINGLE SLIDING
TWO SPEED
THREE SPEED
DUMB WAITER
COMBINATION SLIDE AND SWING
BI-PARTING

ELEVATOR CABS AND DUMB WAITER CARS

Special Equipment to suit any condition

Our Finishes embrace Baked Enamel in Solid Colors, Stippled or Grained to match any wood

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35 Blackstone Avenue Jamestown, N. Y.

AGENCIES IN ALL PRINCIPAL CITIES

DAHLSTROM PATENT DOOR ARTISTIC EVERLASTING SANITARY AND FIREPROOF

4240—Elevator Gates (Automatic)

See also Gates, Folding

Altizer Elevator Co., 609 N La Salle, Chicago, Ill.
Bardsley Bros. Co., 151 Baxter, New York
Beckwith Elevator Co., 123 Pearl, Boston, Mass.
California Artistic Metal & Wire Co., 349 7th, San Francisco, Cal.
Christiansen L., 254 Broad, Lynn, Mass.
Dusing & Hunt, 386 Michigan av, Buffalo, N. Y.
Estey Bros. Co., 270 Union av, Brooklyn, N. Y.
Grote F. Mfg. Co., Evansville, Ind.
Haughton Elevator & Machine Co., 679 Spencer, Toledo, O.
Houser Elevator Co., Syracuse, N. Y.
Johnson Geo. W. Mfg. Co., 209 W 17th, Kansas City, Mo.
Kansas City Elevator Mfg. Co., Kansas City, Mo.
Kimball Bros. Co., P O Box 154, Council Bluffs, Ia.
Kleenan L. F. Mfg. Co., 1922 Central, Kansas City, Mo.
Knickerbocker Elevator Gate Co., 116 West, New York
Lagerquist Gust. (& Half Automatic), 516 N 3d, Minneapolis, Minn.
Loewer John E. Wire & Iron Wks. Co., 914 Campbell, Kansas City, Mo.
Milmine H. B. & Co., Toledo, Ohio
Nock & Garside Elevator Co., Denver, Colo.
Norfolk Iron & Wire Works, Norfolk, Va.
Ohio Elevator & Machine Co. (& Half Automatic), Columbus, O.
Peelle Co. ("Peelle" Safety), Stewart av & Harrison pl, Brooklyn, N. Y.
PITT WM. R. COMPOSITE IRON WORKS ("Pitt-Boswick"), 221 W 26th, New York
See adv index at end of book
Plocher Andrew Sons Co., Dayton, O.
Quincy Elevator Gate Co., Quincy, Ill.
Read Safety Gate Co., 207 Guilford av, Baltimore, Md.
Reedy H. J. Co. (Full Automatic), 15 W 2nd, Cincinnati, O.
Richmond Safety Gate Co., Richmond, Ind.
St. Louis Wire & Iron Co., St. Louis, Mo.
Steelite Co., 1920 W 77th, Cleveland, O.
Schreiber L. & Sons Co., 3869 Ivanhoe, Cincinnati, O.
Shields J. H., 231-33 Sycamore, Cincinnati, Ohio
Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.
See adv index at end of book
Smyser, Royer Co., York, Pa.
Speidel John G. Reading, Pa.
See adv index at end of book
Stewart Iron Works Co. ("Bostwick"), Covington, Ky.
Storm Mfg. Co., 50 Vesey, Newark, N. J.
Taylor & Dean, Penn av & 25th, Pittsburgh, Pa.
WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, Ohio *See adv index at end of book*
WARSAW ELEVATOR CO., Warsaw, N. Y., & Dunn bldg, Buffalo, N. Y.
See adv index at end of book

4241—*Elevator Gates & Guards (Folding)

See also Gates, Folding

MEYERS FRED J. MFG. CO., Hamilton, O.
See adv index at end of book
PITT WM. R. COMPOSITE IRON WORKS, 221 W 26th, New York
See adv index at end of book

4242—*Elevator Gates & Guards (Pitt, "Bostwick," Novelty & Composite Patents)

PITT WM. R. COMPOSITE IRON WORKS, 221 W 26th, New York
See adv index at end of book

4243— *Elevator Governors

Speidel John G., Reading, Pa.
See adv index at end of book
WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, Ohio. *See adv index at end of book*
WARSAW ELEVATOR CO., Warsaw, N. Y. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO. (Electric), East Pittsburgh, Pa.
See adv index at end of book

4244—*Elevator Mouldings (Ornamental Steel)

DAHLSTROM METALLIC DOOR CO. (Cold Drawn), 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book

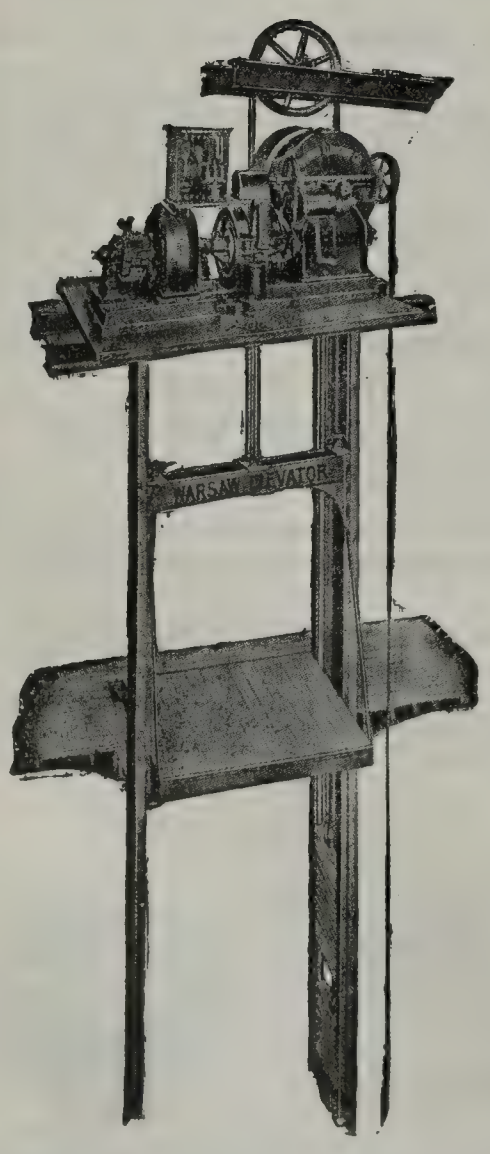
4245— Elevator Repairs

See also firms marked thus † under the head of Elevators, Freight & Passenger
Haughton Elevator & Machine Co., 679 Spencer, Toledo, O.
Otis Elevator Co., 26th & 11th av, New York

4246— Elevator Safety Devices

See also the Specific Article Required

American Electric Machine & Elevator **Co., 1706 N 12th, St. Louis, Mo.**
Andrus-Tooeland Co., 213-14 Moffat bldg, Detroit, Mich.
Angell Elevator Lock Co. ("Angell" Safety Floor Stop & Lock), 370 Atlantic av, Boston, Mas.
Buildings Equipment Mfg. Co., 327 S La Salle, Chicago, Ill.
Boedtcher Franz A. ("Dorloc"), 355 W 42nd, New York
CUTLER-HAMMER MFG. CO. (Electric), 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Elevator Signal Co., 116 West, New York
Haughton Elevator & Machine Co., 679 Spencer, Toledo, O.
Montgomery Elec. Service, Kansas City, Mo.
Ohio Elevator & Machine Co., Columbus, Ohio



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NEW YORK, 216 Fulton St.
PHILADELPHIA, 929 Chestnut St.
BALTIMORE, Md., Mercer, Grant & Water Sts.
BUFFALO, N. Y., Marine Bank Building
ROCHESTER, N. Y., 189-191 Mill Street
SPRINGFIELD, Mass., 19 Taylor Street

Reedy H. J. Co. (All Approved Designs), 15 W 2d, Cincinnati, O.
Roth Elevator Safety Device Co., 7 W German, Baltimore, Md.
Russell & Erwin Mfg. Co. ("Russwin" Elevator Door Controller), New Britain, Conn.
Safety Appliance Co., St. Louis, Mo.
Safety Elevator Stop Co., Kalamazoo, Mich.
Shipperloc Co. ("Shipperloc"), 368 Atlantic av, Boston, Mass.
Shurloc Elevator Safety Co. (Auto-mechanical), 127 White, New York
Snyder O. & T. & Co., Columbus, O.
Sturm Dumbwaiter & Elevator Co., Portland, Ore.
Surety Guard Co. ("M-C-K"), 62 E Lake, Chicago, Ill.
Victor Mfg. Co. ("Victor"), Newburyport, Mass.
WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, O. *See adv index at end of book*
WARSAW ELEVATOR CO., Warsaw, N. Y. *See adv index at end of book*
Westinghouse Elec. & Mfg. Co., East Pittsburgh, Pa.

Elevator Safety Gates

See Elevator Gates, Automatic

4247— Elevator Safety Locks

American Electric Machine & Elevator Co., 1706 N 12th, St. Louis, Mo.
Angell Elevator Lock Co. ("Angell," Shipper Rope), 370 Atlantic av, Boston, Mass.
Clernand & Co. (Freight), 359 W B'way, New York
Elevator Supplies Co., Hoboken, N. J.
Shipperloc Co ("Shipperloc"), 368 Atlantic av, Boston, Mass
Standard Elevator Interlock Co, Widener bldg, Phila, Pa.
WARSAW ELEVATOR CO., Warsaw, N. Y., & Dunn bldg, Buffalo, N. Y. *See adv index at end of book*
Western Brass Mfg. Works (Brass & Bronze), Marshall blvd & W 21st, Chicago, Ill.

4248— Elevator Safety Stops

Hunter James Machine Co., N Adams, Mass.

4249—*Elevator Self-Starters (Electric)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

Elevator Siding

See Roofing & Siding, Iron & Steel

4250-1— Elevator Signals

Elevator Signal Co., 116 West, New York
Elevator Supplies Co. ("Armstrong" Electric), Hoboken, N. J.
Holtzer-Cabot Electric Co., 125 Amory, Boston, Mass.

4252-3—*Elevator Switches (Belt and Reversing)

CUTLER-HAMMER MFG. CO. ("C. & H."), 12th & St. Paul av, Milwaukee, Wis. *See adv index at end of book*

4254— *Elevators (Ashes)

See also Conveyors, Coal & Ash Handling
Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT COMPANY ("Link-Belt" Telescoping for Buildings, Boiler Rooms, etc), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa. *See adv index at end of book*

4255—Elevators (Barrel & Package)

See also Conveyors, Various Kinds
Atlanta Mfg. & Supply Co., Atlanta, Ga.
BARTLETT C. O. & SNOW CO., French st, Cleveland, O. *See adv index at end of book*
Chain Belt Co. (Curved Arm), Milwaukee, Wis.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Ernst C. K., Buffalo, N. Y.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Great Western Mfg. Co., Leavenworth, Kans.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O *See adv index at end of book*
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
Lamson Co., 100 Boylston, Boston, Mass.
LINK-BELT COMPANY (Automatic Pick Up, etc), 30th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa. *See adv index at end of book*
Pittsburg Conveyor Machinery Co, 4th & Duquesne wy, Pittsburgh, Pa
ROBINS CONVEYING BELT CO., 13 Park row, New York *See adv index at end of book*
Teal Chas. A., 1361 Ridge av, Phila, Pa.
WARSAW ELEVATOR CO., Warsaw, N. Y., Dunn bldg, Buffalo, N. Y. *See adv index at end of book*
Webster Mfg Co, Tiffin, O
Weller Mfg Co, 1856 N Kostner av, Chicago, Ill.

Elevators (Belt Power)

See Elevators, Freight & Passenger

Elevators (Box Water)

See Elevators, Water, for Mine & Quarry

4256— Elevators (Bucket)

Acme Road Machy. Co., Frankfort, N. Y.
American Road Machinery Co, Kennett sq, Pa
Atlanta Mfg. & Supply Co., Atlanta, Ga.
BARTLETT C. O. & SNOW CO., French st, Cleveland, O. *See adv index at end of book*
Caldwell H W & Son Co, 17th & Western av, Chicago, Ill
Chain Belt Co., Milwaukee, Wis.
Dodge Sales & Engineering Co., Mishawaka, Ind.

WARNER ELEVATORS

1860—WE HAVE BEEN BUILDING ELEVATORS MORE THAN 57 YEARS—1918

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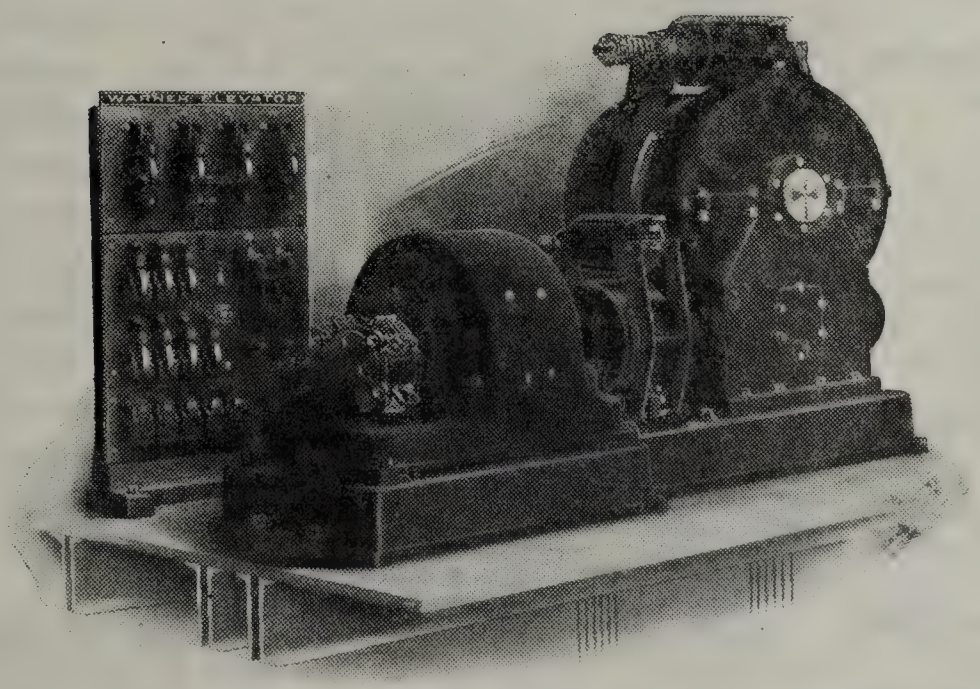

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CINCINNATI, OHIO

NEW YORK TACOMA INDIANAPOLIS DETROIT CLEVELAND ATLANTA BIRMINGHAM MOBILE

ELEVATORS (BUCKET)—continued

Dull Raymond W. Co., 111 W Washington, Chicago, Ill.
Essmueller Mill Furnishing Co., 1222 S 8th, St. Louis, Mo.
Farnham Mfg Co, 39 Indiana, Buffalo, N. Y.
JEFFREY MFG. CO. ("Jeffrey" for All Classes of Work), 961 N Fourth, Columbus, O.
See adv index at end of book
Jones W. A. Foundry & Machine Co. ("Chain Bucket"), 4401 W 12th, Chicago, Ill.
LINK-BELT COMPANY (Continuous & Inclined Continuous), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry., Phila., Pa.
See adv index at end of book
Manufacturers' Equipment Co., Dayton, O.
Mead-Morrison Mfg. Co. ("McCaslin"), cor Prescott & Orleans, East Boston, Mass.
Nordyke & Marmon Co., 1290 Ky av, Indianapolis, Ind.
ROBINS CONVEYING BELT CO., 13 Park row, New York
See adv index at end of book
Smith Engineering Wks., 1155 32d, Milwaukee, Wis.
Stephens-Adamson Mfg. Co., Aurora, Ill.
Tamaqua Mfg. Co., Tamaqua, Pa.
Universal Road Machinery Co., Kingston, N. Y.
Webster Mfg. Co., Tiffin, O.
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.
Wolf Co., Chambersburg, Pa.

4257—*Elevators (Building Material)

See also Elevators, Hod; also Engines, Hoisting; also Hoists, Builders' Electric; **also Hoists, Contractors' Material**

Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book

Elevators (Carriage)

See Elevators, Freight & Passenger
Also Elevators, Hand

4258—*Elevators (Carriage, Wagon, Automobile, Etc.)

Speidel John G., Reading, Pa.
See adv index at end of book

Elevators (Clay)

See Conveyors, Clay

Elevators (Coal)

See Conveyors, Coal & Ash Handling, also Elevators, Bucket

4259—*Elevators (Combination, Hand & Belt Power)

SPEIDEL JOHN G., Reading, Pa.
See adv index at end of book
WARSAW ELEVATOR CO., Warsaw, N. Y., & Dunn bldg, Buffalo, N. Y.
See adv index at end of book

4260—*Elevators (Concrete)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
Smith T. L. Co., The, 1151 32d, Milwaukee, Wis.

4261—*Elevators (Concrete Mixer)

Smith T. L. Co., The, 1151 32d, Milwaukee, Wis.

4262—Elevators (Contractors' Material)

See also Hoists, Contractors' Material; also Elevators, Hod

Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book

Elevators (Cotton)

See Elevators, Cotton, Under Textile Machinery

4263— *Elevators (Electric)

See also Elevators, Freight & Passenger

AMERICAN ELEVATOR & MACHINE CO., Louisville, Ky.
Haughton Elevator & Machine Co., 679 Spencer, Toledo, O.
Houser Elevator Co., Syracuse, N. Y.
NORTHERN ENGINEERING WORKS (Freight), 9 Chene, Detroit, Mich.
See adv index at end of book
Otis Elevator Co. (Power), 26th & 11th av, New York
Roberts Jas. H. Elevator Co., 430 W B'way, New York
SPEIDEL JOHN G., Reading, Pa.
See adv index at end of book
WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, Ohio *See adv index at end of book*
WARSAW ELEVATOR CO., Warsaw, N. Y., & Dunn bldg., Buffalo, N. Y.
See adv index at end of book

4264—*Elevators (Electric Sidewalk)

See also Elevators, Sidewalk

Otis Elevator Co., 26th & 11th av, New York
SPEIDEL, JOHN G., Reading, Pa.
See adv index at end of book
WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, Ohio *See adv index at end of book*
WARSAW ELEVATOR CO., Warsaw, N. Y. & Dunn bldg, Buffalo, N. Y.
See adv index at end of book

4265-6—*Elevators (Employees')

Nutting Truck Co., Faribault, Minn
See adv index at end of book

Elevators (Flour)

See Conveyors, Grain Elevator

4267—*Elevators For Canning Factories

Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book

4268—*Elevators For Crushing Plants

See also Elevators, Bucket

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
ROBINS CONVEYING BELT CO., 13 Park row, New York
See adv index at end of book

4268a—*Elevators For Mine & Quarry

BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book

4269— *Elevators (Foundry)

See also Elevators, Freight & Passenger

Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book
SPEIDEL, JOHN G., Reading, Pa.
See adv index at end of book
WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, Ohio *See adv index at end of book*
WARSAW ELEVATOR CO., Warsaw, N. Y., & Dunn bldg, Buffalo, N. Y.
See adv index at end of book

4270—Elevators (Freight & Passenger)

NOTE—Firms Designated by Dagger (†) denotes General Repair Work Only. (Star (*) Indicates Passenger Elevators

Under this Heading see Sub-classifications

PATENTS
Our Hand Book on Patents, Trade Marks, etc., sent free. Patents procured through Munn & Co., receive free notice in the **Scientific American.**
Munn & Co., 699 Woolworth Bldg., N. Y.
Washington Office: 625 F Street, Washington, D. C.

ALABAMA.

BIRMINGHAM—*Otis Elevator Co.

CALIFORNIA.

LOS ANGELES—Baker Iron Works
Fulton Engine Works, 1000 Alhambra
Llewellyn Iron Works
*Otis Elevator Co. (For all purposes), Union Iron Works, Stimson bldg
SAN FRANCISCO—†Enterprise Electric Works, 654 Mission
*Otis Elevator Co. (For all purposes), Stockton & N Point
Van Emon Elevator Co., 54 Natoma

COLORADO.

DENVER—*Nock & Garside Elevator Co.,

CONNECTICUT.

NEW HAVEN—Eastern Machinery Co. (Electric)
MacKenzie George M.

DELAWARE.

WILMINGTON—Green Elevator Co., 215 W Front

ILLINOIS.

BLOOMINGTON—Keiser-Van Leer Co. (Freight)
CHICAGO—Altzier Elevator Co. (Electric), 609 N La Salle
Gallaher & Speck, 215 W Congress
Illinois Elevator Co., 224 N Union av
*Kaestner & Hecht Co. (Steam, Electric & Hydraulic), 500 Throop
†Mitchell C H Elevator Co., 522 W Monroe
*Otis Elevator Co., 600 W Jackson blvd
Pitt Engineering Co., 120 W Kinzie
†Prince Elevator Co., 231 W Grand av
†Reliance Elevator Co., 212 W Austin av
Standard Plunger Elevator Co., 327 S La Salle
DANVILLE—Westbrook Elev. Co. (Electric)
MOLINE—Montgomery Elevator Co. (Electric)
QUINCY—Hollister-Whitney Co. (Electric)

INDIANA.

DECATUR—Decatur Foundry, Furnace & Machine Co.
EVANSVILLE—*Grote F. Mfg. Co. (Electric)
International Steel & Iron Co. (Hand Power)
Mesker Geo. L. & Co. (Hand & Power)
INDIANAPOLIS—†Carman & Fryer
Nordyke & Marmon Co. (For Mills & Factories), 1290 Kentucky av
*Otis Elevator Co., 101 Kentucky av
†Reedy D. V. Elevator Co. (Electric), 102[illegible] Kentucky av

IOWA.

COUNCIL BLUFFS — Kimball Bros. Co. (Electric, Hand & Bolt Power), P O Box 154
DES MOINES—†Globe Machinery & Supply Co.
Iowa Machinery & Supply Co.
LE MARS—Pech Gustave Foundry & Mfg. Co.

KANSAS.

KANSAS CITY—Strait H. N. Mfg. Co. (Freight)

KENTUCKY.

LOUISVILLE—Abell Elevator Co. (Mfrs. of Passenger & Freight, Electric Traction & Gearless Traction, Push Button, Hydraulic & Hand & Belt Power Elevators), 114 N 8th
***AMERICAN ELEVATOR & MACHINE CO.** (Electric, Hydrauic, Belt & Hand)
Atlas Machine Co.

LOUISIANA.

NEW ORLEANS—†American Elevator & Electric Co., 511 Poydras
†Commercial Electric Co., Ltd., 728 Poydras

MAINE.

PORTLAND — *Portland Co. (Electric, Hydraulic, Plunger & Belted)

MARYLAND.

BALTIMORE—Adt Jno. B. Co. (Steam, Electric, etc.), 340 N Holliday
*Bates Elevator Co. (Hand, Hydraulic, Steam, Electric, etc.), 211 President
*Fauntleroy Elevator Co. (Hydraulic, Electric & Belt), 8th nr Pratt
Flynn & Emrich Co., 305 N Holliday
Marsh Corp., Garrett bldg
WARSAW ELEVATOR CO., Main Office & Works: Warsaw, N. Y.
See adv index at end of book

MASSACHUSETTS.

BOSTON—Beckwith Elevator Co., 123 Pearl
Brewer Elevator Co., 27 Bowker
Kimball C. E. & Son, 178 High
McLauthlin Geo. T. Co., 120 Fulton
*Moore & Wyman Elevator & Machine Works, 72 Granite, S Boston
Otis Elevator Co. (For all purposes), 53 State
†Payne F. S. Co., 295 Franklin
†Porter W. H., 30 Wendell
*Portland Co. (of Portland, Me.), 110 Broad
Seelye Mfg. Co. (Freight), 118 South
†Tubman Wm. S, 67 Milk
FLORENCE—Norwood Engineering Co. (Belt Power Freight)
LYNN—Embree Elevator & Millwright Co.
SALEM—*Salem Elevator Works (Electric)
SPRINGFIELD—Bay State Elevator Co. (Hydraulic, Plunger, Electric & Belt)
Springfield Iron Works
WARSAW ELEVATOR CO., 19 Taylor
See adv index at end of book
WORCESTER—Standard Plunger Elevator Co. (Electric), Stafford

MICHIGAN.

DETROIT—†Fox Wm., 71 Larned W
NORTHERN ENGINEERING WKS., (Freight), 9 Chene
See adv index at end of book

MINNESOTA.

MINNEAPOLIS—*Lagerquist Gust. (Electric, Hand, Belt, etc.), 516 N 3d
ST. PAUL—*Lee & Hoff Mfg. Co. (Electric), 65 E Water

MISSOURI.

KANSAS CITY—Abell Elevator Co. (Mfrs. of Passenger & Freight, Electric, Traction & Gearless Traction, Push Button, Hydraulic & Hand & Belt Power Elevators), 209 Oak
AMERICAN ELEVATOR & MACHINE CO. (King Supply & Equipment Co., Agent)
*Otis Elevator Co., 1920 Wyandotte
ST. LOUIS—American Electric Machine & Elevator Co., 1706 N 12th
Curtis & Co. Mfg. Co., 1571 Kienlen av
Ellison W. & Sons Mfg. Co.
Gerahty Bros. Elevator Co., 416 S 6th
Miller Wm. A. Elevator Mfg. Co., 9th & Victor
Otis Elevator Co., Locust & 23d
†Williams Const. & Repairing Co., 308 Clark

NEW JERSEY.

HOBOKEN—Reedy Elevator Co.
JERSEY CITY—N. Y. Revolving Portable Elevator Co. ("Revolvator" Hand Power)
NEWARK—Skinner & Leary Co. (Freight Only), 19 Commercial
Storm Mfg. Co. (Hand & Belt Power, etc), 50 Vesey
Wright Lysander Jr., 9 Alling

NEW YORK.

BUFFALO — †Buffalo Engineering Co., Erie Co. Bank bldg
Howard Iron Wks. (Electric), 281 Chicago
Smith Elevator Co., 80 Terrace, Buffalo, N. Y.
***WARSAW ELEVATOR CO.,** Dunn bldg
See adv index at end of book
COHOES—Cohoes Iron Foundry & Machine Co. ("Cohoes")

NEW YORK CITY.
Borough of Brooklyn.

BROOKLYN—Rodgers R. M. Mfg. Co., 74 Emerson pl

Boroughs of Manhattan and Bronx.

NEW YORK—A. B. See Electric Elevator Co., 220 Broadway
†American Elevator Co. (Also Repairers), 117 Cedar
Burwak Elevator Co., 216 Fulton
Chelsea Elevator Co. (Electric), 213 W 26th
†Clernand & Co., 359 W B'way
Dowdall Chas. E., 152 W B'way
*Gurney Elevator Co. (Electric), 62 W 45th
Lowerator Co., 244 W 23d
Maintenance Co. (Electric), 417 Canal
Murtaugh Elevator Co., 535 W 33d
National Elevator Co., 62 W 45th
†New York Elevator Co., 50 Grand
*Otis Elevator Co., 26th & 11th av
*Reedy Elevator Co., 202 9th av
*Roberts J. H. Elevator Co., 430 W B'way
*A B See Electric Elevator Co., 220 B'way
*Shaper F. D. Elevator Co., 153 Franklin
Slade Elev. Co. (Electric), 1565 Park av
Sommerville Elevator Co., 156 W 30th
Staley El. Elev. & Mach. Co., 136 Prince
Standard Plunger Elevator Co., 29 B'way
WARSAW ELEVATOR CO., 216 Fulton *See adv index at end of book*
Welsh Machine Works, 276 West
Wheeler-McDowell Elev. Co. (Electric), 417 Canal

(End of New York City)

OSSINING—Kipp Ralph P. (Hydraulic)
POUGHKEEPSIE — Sedgwick Machine Works (Hand Power)
ROCHESTER—*Otis Elevator Co., 8-10 Jones
***WARSAW ELEVATOR CO.,** 189 Mill *See adv index at end of book*
SYRACUSE—Houser Elevator Co. (Electric)
UTICA—*Otis Elevator Co.
WARSAW—***WARSAW ELEVATOR CO.** *See adv index at end of book*

NORTH CAROLINA.

CHARLOTTE—Moffatt Machinery Mfg. Co.
Park Mfg. Co. (Belt Power)

OHIO.

CINCINNATI—Cincinnati Elevator Wks. (Steam, Hydraulic, Electric & Hand), Quigley, N. J. (Propr), 212 W 2d
*Curran Jas. H. Elevator Co., 114 W 2d
National Elevator Co., 124 Longworth
*Reedy H. J. Co. (Electric, Hydraulic, Plunger, Steam, Hand, etc.), 15 W 2d
Triumph Electric Co., Oakley
See adv index at end of book
***WARNER ELEVATOR MFG. CO.** (Electric, Hydraulic & Hand & Belt Power, Passenger & Freight), Spring Grove av, Alfred & Valley
See adv index at end of book

When writing to firms listed in this Book please mention

Hendricks' Commercial Register

IT WILL BE OF MUTUAL BENEFIT

OHIO—continued
CLEVELAND—Edmonds Elevator Co. (Electric)
Rossborough W. J., 625 Long av
COLUMBUS—†Beck Electrical Repair Co., 149 W State
Jeffrey Mfg. Co., 961 N Fourth
See adv index at end of book
Ohio Elevator & Machine Co. (Electric, Hand, Belt, etc)
*Otis Elevator Co.
DAYTON—Gem City Elevator Works (Steam, Hydraulic, Electric, Belt, etc)
SANDUSKY—
TOLEDO—*Haughton Elevator & Mach. Co. (Steam, Hydraulic, Electric, Belt, etc.), 679 Spencer

OREGON.

PORTLAND—†Portland Elevator Co.
Portland Iron Works, 14th & Northrup
Sturm Dumbwaiter & Elev Co.
Williamette Iron & Steel Works

PENNSYLVANIA.

CHESTER—Wetherill Robert & Co.
COATESVILLE—Ridgway, Craig & Son Co. (Heavy Freight)
HONESDALE—Gurney Electric Elevator Co. (Electric)
LANCASTER—†Welchans A. C.
PHILADELPHIA — Albro-Clem Elevator Co. (Electric), 7th & Glenwood av
Energy Elevator Co., 214 New
Independence Elevator Co., 710 Cherry
McIntire Walter C. & Co., 12 N 5th
O'Neill Elevator Co., 628 Cherry
*Otis Elevator Co., 12th & Samson
*See, A. B. Electric Elevator Co., Land Title bldg
*Stokes & Parrish Elevator Co. (Dep't of Otis Elevator Co.), 12th & Samson
WARSAW ELEVATOR CO., 929 Chestnut. *See adv index at end of book*
PITTSBURGH — †Elevator Construction Co., 327 Second av
*Marshall Bros. (Electric), S 21st
Pennsylvania Elevator Co., Hartje bldg
Seeler Elevator Works, 332 3d av
Stoner, Thaw & Co. Ltd., 1200 W Carson
Walters H. D., 210 2d av
READING—***SPEIDEL JOHN G.** (Belt, Hand & Electric Power)
See adv index at end of book

SOUTH BETHLEHEM—Bethlehem Fdy. & Machine Co. (Spur, Gear & Screw Winding; Freight only)

RHODE ISLAND.

PROVIDENCE—†Anderson & Osterman, 131 Washington
Haley & Blanch Elevator Co., 53 Sabin
Mason, Volney W. & Co., 2 Lafayette

TENNESSEE.

CHATTANOOGA—Peglar Machine Co. (Freight)
Sybilla Elevator & Mfg. Co. (Carriage)
WARNER ELEVATOR MFG. CO., 816 Georgia *See adv index at end of book*
KNOXVILLE—Savage W. J. Co. (Freight Only)
NASHVILLE—Bouchard John & Sons Co.
Nashville Machine Co.

TEXAS.

DALLAS—**AMERICAN ELEVATOR & MACHINE CO.** (J. Peyton Hunter, Agent)
Otis Elevator Co.
HOUSTON—*Otis Elevator Co.

UTAH.

SALT LAKE CITY—Trent Engineering & Machinery Co.

VIRGINIA.

DANVILLE — Westbrook Elevator Co. (Electric, Hand & Belt Power)
NORFOLK—*Otis Elevator Co.
RICHMOND—*Otis Elevator Co.

WASHINGTON.

SEATTLE—†Biegert J. C. Machine Wks.
*Otis Elevator Co.
Washington Elevator Co. (Electric)
SPOKANE—National Iron Works
*Otis Elevator Co.
***Pacific Iron Works (Electric, Hand & Power)**

WISCONSIN.

MILWAUKEE—Brodesser Elev. Co. (Elevator), Burleigh & Weil
†Heller S., 250 Milwaukee
Kieckhefer A. Elevator Co. (Electric, Hydraulic, Belt, Plunger, Traction, etc)
*Otis Elevator Co., 115-117 Huron
*†Rosenberg F. Elevator Co. (Electric), 174 Reed

4271—Elevators (Gearless Traction)

Abell Elevator Co., 114 N 8th, Louisville Ky.
Van Emon Elevator Co., 54 Natoma, San Francisco, Cal.

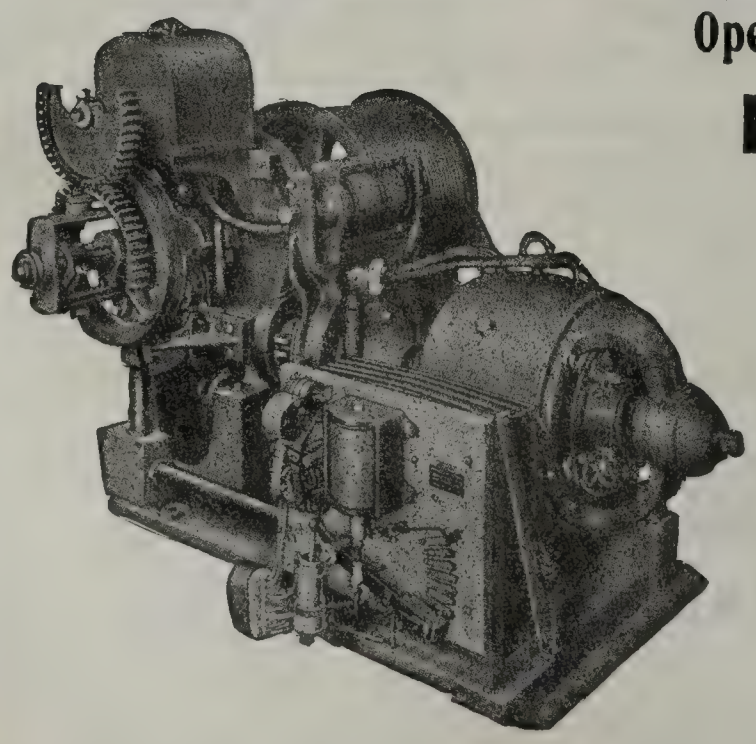
4272— Elevators (Gravity)

Atlanta Mfg. & Supply Co., Atlanta, Ga
Chain Belt Co., Milwaukee, Wis.
Farnham Mfg. Co., 39 Indiana, Buffalo. N. Y.
Lamson Co., 100 Boyston, Boston, Mass.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
Sharp Mfg. & Supply Co., New Phila, O.
Variety Mfg. Co. ("Delivator"), 2958 Carroll av, Chicago, Ill.

4273—*Elevators (Hand Power)

See also Dumb Waiters; also Elevators, Freight & Passenger
AMERICAN ELEVATOR & MACHINE CO., Louisville, Ky.
Energy Elevator Co., 214 New Phila, Pa.

J. G. SPEIDEL, Reading, Pa.
ELEVATORS
FOR ANY PURPOSE, ANY SIZE AND CAPACITY
Operated by ELECTRIC MOTOR, BELT or HAND POWER



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LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry., Phila., Pa.
See adv index at end of book
SPEIDEL JOHN G., Reading, Pa.
See adv index at end of book
WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, O. *See adv index at end of book*
WARSAW ELEVATOR CO., Warsaw, N. Y., & Dunn bldg, Buffalo, N. Y.
See adv index at end of book

Elevators (Hay)

See Carriers, Hay; also Elevators, Portable

4274— Elevators (Hod)

Anderson Chas., 983 Pacific, Brooklyn, N. Y.
American Hoist & Derrick Co. (For Building Materials), St. Paul, Minn.
Buckley Jas. J. (For Building Material), 303 5th av, New York
Carlson Operating Co., 1074 St. Marks av, Brooklyn, N. Y.
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
Lambert Hoisting Engine Co., 117 Poinier, Newark, N. J.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
National Hoisting Engine Co., Harrison, N. J.
Pelham Hod Elevating Co. (For Building Materials), 416 W 26th, New York
Smith Wm. A., 282 E 141st, New York
South St. Louis Foundry Co., 7514 S B'way, St. Louis, Mo.
Stanley Hoisting Co., 620 W 25th, New York
Sybilla Elevator & Mfg. Co., Chattanooga, Tenn.
Thomas Elevator Co., 20 S Hoyne, Chicago, Ill.
White Hoist & Machine Co., Southern blvd, & 143rd, New York

4275— *Elevators (Hydraulic)

See also Elevators, Freight & Passenger
Haughton Elevator & Machine Co., 679 Spencer, Toledo, O.
Otis Elevator Co., 26th & 11th av, New York
WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, O. *See adv index at end of book*
Warsaw Elevator Co., Warsaw, N. Y., & Marine Nat. Bank bldg, Buffalo, N. Y. *See adv index at end of book*

4276-7-8—Elevators (Hydraulic Gravel)

New York Engng. Co. ("Empire"), 2 Rector, New York
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.

Elevators (Incline)

See Stairways, Moving

Elevators (Invalid, Hand & Belt Power)

See Elevators, Hand

4279— *Elevators (Light)

LAMSON CO. (For Banks, Stores, Offices, Factories, Hotels, Libraries, Hospitals & Newspaper Plants), 100 Boylston, Boston, Mass.

Elevators (Link-Belt)

See Conveyors, Link Belt

4280— Elevators (Marine)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
Manitowoc Engng. Works, Manitowoc, Wis.

4281— *Elevators (Pipe)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

4282— *Elevators (Plunger)

See also Elevators, Freight & Passenger
WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, Ohio *See adv index at end of book*
WARSAW ELEVATOR CO., Warsaw, N. Y., & Dunn bldg, Buffalo, N. Y.
See adv index at end of book

4283— *Elevators (Pneumatic)

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill.
See adv index at end of book
NORTHERN ENGINEERING WORKS (Freight), 9 Chene, Detroit, Mich.
See adv index at end of book

4284— Elevators (Portable)

Brown Portable Conveying Machinery Co., 10 S La Salle, Chicago, Ill.
Camp Bros. & Co., Washington, Ill.
Davis Norris K. Machine Wks., 400 7th, San Francisco, Cal.
Economy Engineering Co., 415 S Washtenaw av, Chicago, Ill.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry. Phila., Pa.
See adv index at end of book
New Jersey Foundry & Machine Co. ("Delta"), 89 West, New York
N. Y. Revolving Portable Elevator Co. ("Revolvator"), Jersey City, N. J.

4285—*Elevators (Push Button)

AM. ELEVATOR & MACHINE CO., Louisville, Ky.
Haughton Elevator & Machine Co., 679 Spencer, Toledo, O.
Otis Elevator Co. (Automatic, Electric), 26th & 11th av, New York
WARNER ELEVATOR MFG. CO. (Automatic), Spring Grove av, Alfred & Valley, Cincinnati, O.
See adv index at end of book
WARSAW ELEVATOR CO., Warsaw, N. Y., & Dunn bldg., Buffalo, N. Y.
See adv index at end of book

4286— Elevators (Quicksilver)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book

Elevators (Revolving Portable)

See Tiering Machines

4287— Elevators (Salt)

Link-Belt Co., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Wilcox Engineering Co., 1525 Holland av, Saginaw, Mich.

4288-9—Elevators (Sidewalk)

See also Elevators, Freight & Passenger
Abell Elevator Co., 114 No. 8th, Louisville, Ky.
Altizer Elevator Co., 609 N La Salle, Chicago, Ill.
Channon Jas. H. Mfg. Co. (Hand & Belt Power), 227 W Erie, Chicago, Ill.
Chelsea Elevator Co., 213 W 26th, New York
Curran Jas. H., Elevator Co., 114 W 2nd, Cincinnati, O.
Curtis & Co. Mfg. Co. (Pneumatic), 1571 Kienlen av, St. Louis, Mo.
Dowdall Chas. E., 152 W B'way, New York
Eastern Machinery Co., New Haven, Conn.
Edmonds Elevator Co., Cleveland, O.
Ernst C. K. ("Ernst Perfection"), Buffalo, N. Y.
G & G Telescopic Sidewalk Hoist & Door Co., Phelan bldg, San Francisco, Cal.
Grossman Bros. & Rosenbaum, Willow av & 133rd, New York
Grote F. Mfg. Co., Evansville, Ind.
Haughton Elevator & Machine Co., 679 Spencer, Toledo, O.
Kansas City Elevator Mfg. Co., Kansas City, Mo.
Kieckhefer A. Elevator Co., Milwaukee, Wis.
Kimball Bros. Co., P O Box 154, Council Bluffs, Ia.
Kohlmetz Chas. E., Rochester, N. Y.
Kohlmetz H. L., Rochester, N. Y.
McLauthin Geo. T. Co., 120 Fulton, Boston, Mass.
Marshall Bros., S 21st, Pittsburgh, Pa.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Miller Wm. A. Elevator Mfg. Co., 9th & Victor, St. Louis, Mo.
Murtaugh Elevator Co., 535 W 33d, New York
N. Y. Revolving Portable Elevator Co. ("Revolvator"), Jersey City, N. J.
Ohio Elevator & Machine Co., Columbus, O.
Otis Elevator Co., 26th & 11th av, New York
Prince Elevator Co., 231 W Grand av, Chicago, Ill.
Reedy H. J. Co. (Electric, Hydraulic & Hand Power), 15 W 2d, Cincinnati, O.
Roberts Jas. H. Elevator Co., 430 W B'way, New York
Sedgwick Machine Works, Poughkeepsie, N. Y.
SPEIDEL JOHN G., Reading, Pa.
See adv index at end of book
Storm Mfg. Co., 50 Vesey, Newark, N. J.
WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, Ohio *See adv index at end of book*
WARSAW ELEVATOR CO., Warsaw, N. Y., & Dunn bldg, Buffalo, N. Y.
See adv index at end of book

Elevators (Stone)

See Elevators, Bucket

4290— *Elevators (Traction)

AMERICAN ELEVATOR & MACHINE CO., Louisville, Ky.
WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, Ohio. *See adv index at end of book*
WARSAW ELEVATOR CO., Warsaw, N. Y. *See adv index at end of book*

4291—*Elevators (Traveling, Coal)

Acme Road Machy. Co., Frankfort, N. Y.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book

Elevators (Tray)

See Elevators, Barrel & Package

4292— *Elevators (Wall)

SPEIDEL, JOHN G., Reading, Pa.
See adv index at end of book

4293—*Elevators (Water, For Mine & Quarry)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book

4294—*Elevators & Conveyors For All Purposes

ATLAS ENGINEERING CO., Amherst, Ohio *See adv index at end of book*
Hunt, C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book

4295— Eliminators

See also Extractors, Oil & Grease
Hoppes Mfg. Co., Springfield, O.
Nicholson W. H. & Co. ("Wyoming," Automatic), Wilkes-Barre, Pa.
Robertson Jas. L. & Son ("Hine's"), 78 Murray, New York

Niagara Emery Mills, Inc.

Manufacturers of HIGH GRADE TURKISH and GREEK NAXOS EMERY

New York Office: 50 BROAD STREET Mills: LOCKPORT, N. Y.

4295a— Emery

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

Emery Cloth

See Paper, Flint, Sand & Emery

Emery Wheel Stands & Arbors

See Grinders, Emery

4296—Emery Wheels (Vulcanized Rubber)

Carborundum Co. (Carborundum & Aloxite), Niagara Falls, N. Y.
Hampden Corundum Wheel Co., Brightwood, Springfield, Mass.
Manhattan Rubber Mfg. Co., Passaic, N. J.
New York Belting & Packing Co. ("Vulcanite"), 91 Chambers, New York

4297— Emery & Corundum

See also Abrasives

Abrasive Mining & Mfg. Co. (Miners & Mfrs., Scimitar, Sultan Emery, Turkish Emery, Naxos Emery, Corundum), Plymouth, Ind., & Chester, Mass.
Asbrasive Co., Bridesburg, Pa.
Ashland Emery & Corundum Co., E Cambridge, Boston, Mass.
Carborundum Co. (Carborundum), Niagara Falls, N. Y.
Exolon Co., 156 Sixth, Cambridge, Mass.
General Abrasive Co., Niagara Falls, N. Y.
Hamilton Emery & Corundum Co., Chester, Mass.
Hampden Corundum Wheel Co., Brightwood, Springfield Mass.
Harrison Bros., Inc., Amesburg, Mass.
Harrison Supply Co. ("Carbodon" & Importers Natural Corundum), 5 Dorchester av, Extension, Boston, Mass.
Jackson Mills Emery Co. (Scimitar, Kulick Emery, Turkish Emery, Naxos Emery & American Emery), Easton, Pa.
Keystone Emery Mills (Turkish & Greek), 4325 Paul, Phila., Pa.
National Abrasive Co. (Natite), 5 Dorchester av, Extension, Boston, Mass.
Niagara Emery Mills (Turkish & Greek Noxos Emery), Lockport, N. Y.
Oriental Emery Co., New Haven, Conn.
Pittsburgh Grinding Wheel Co., Rochester, Pa.
Speare's Alden Sons Co., Cambridge, Mass.
Sterling Grinding Wheel Co. (Corundum Wheel), Tiffin, O.
STILES H. A. & CO. ("Ottoman" Turkish Emery & Greek Corundum), 93-97 Oliver, Boston, Mass.
See adv index at end of book
Superior Corundum Wheel Co., Waltham, Mass.
Tanite Co. (Emery Only), Stroudsburg, Pa.
Van Amringe Theo. & Son (Turkish Emery), 81 Fulton, New York
Washington Mills Emery Mfg. Co. (Turkish Emery Only), North Grafton, Mass.
White Heat Prods Co., Frayen, Pa.

4298—Emery & Corundum Wheel Mfrs.

Abrasive Co., Bridesburg, Pa.
Abrasive Co., Phila., Pa.
American Emery Wheel Works ("Carbolite"), Providence, R. I.
Best L. Co., 75 Barclay, New York
Bridgeport Safety Emery Wheel Co., Bridgeport, Conn.
Buffalo Emery Wheel Co. (Adamite, Carbosolite), 127 Ash, Buffalo, N. Y.
Carborundum Co. (Carborundum & Alexite), Niagara Falls, N. Y.
Chicago Wheel & Mfg. Co. ("Chicago"), 1101 W Monroe, Chicago, Ill.
Commercial Corundum & Emery Wheel Co., 922 W Ohio, Chicago, Ill.
Cortland Grinding Wheel Corp., Cortland, N. Y.
Crescent Emery-Corundum Wheel Co., Indianapolis, Ind.
Dayton Grinding Wheel Co., Dayton, O.
Detroit Grinding Wheel Co. ("Hart"), Detroit, Mich.
Eagle Emery & Corundum Wheel Co., 715 S Robey, Chicago, Ill.
Electric Emery Wheel Co., 827 Broad, Newark, N. J.
Gold Walter C. ("The Keystone"), 235 Race, Phila., Pa.
Hampden Corundum Wheel Co., Brightwood, Springfield, Mass.
Keystone Emery Mills, 4325 Paul, Phila., Pa.
Maxf Grinding Wheel Corp ("Maxf"), Chester, Mass.
National Grinding Wheel Co., 2984 Main, Buffalo, N. Y.
Norton Company (Alundum & Crystolon), Worcester, Mass.
Peninsular Emery Wheel Co. (Also Adamite Abrasive Wheels), Detroit, Mich.
Pennsylvania Grinding Wheel Co., Wayne av & Berkley Gtn, Phila., Pa.
Pa. Grinding Wheel Co., S E Corner of Wayne av & Berkley, Phila, Pa.
Pike Mfg. Co., Pike, N. H.
Pittsburgh Emery Wheel Co., Rochester, Pa.
Ramsdell Specialty Co., Worcester, Mass.
Safety Emery Wheel Co., Springfield, O.
Springfield Grinding Co., Huntington rd, Chester, Mass.
Springfield Mfg. Co., Bridgeport, Conn.
Star Corundum Wheel Co., 241 Cavalry av, Detroit, Mich.
Sterling Grinding Wheel Co. (Wheel Also), Tiffin, O.
STILES H. A. & CO. (Also Artificial Abrasive Wheels), 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Superior Corundum Wheel Co., Waltham, Mass.
Tanite Co., Stroudsburg, Pa.
Vitrified Wheel Co., Westfield, Mass.
Waltham Grinding Wheel Co., Waltham, Mass.
Waltham Grinding Wheel Co. ("Richardson"), Waltham, Mass.

4299—Employment Agencies (Engineers, Draftsmen & Other High Grade Men)

Cleveland Engineering Agency Co., Rose bldg, Cleveland, O.
Efficient Service Co., Monadnock blk, Chicago, Ill.
Engineering Agency, Monadnock blk, Chicago, Ill.
Harrison H. H. & Co., Association bldg, Chicago, Ill.

4300— Emulsifiers

Day J. H. Co., Cincinnati, O.
Sharpless Separator Co., West Chester, Pa.
Stuart & Peterson Co., Burlington, N. J.

4301—Enameled Ware Mfrs. (Kitchen)

American Specialty Stamping Co., Johnstown. Pa.
American Stamping & Enameling Co., Bellaire, O.
Baltimore Stamping & Enameling Co. ("Oriole" Gray Ware), 909 E Pratt, Baltimore, Md.
Belmont Stamping & Enameling Co. ("Azure," "Sanitare," "Juniata," "Tuscore," "Cadet Blue"), New Phila., O.
Canton Stamping & Enameling Co. ("French," Grey), Canton, O.
Central Stamping Co., 174 Fulton, New York
Cleveland Metal Products Co. ("Aladdin"), 7609 Platt av & C & P tracks), Cleveland, O.
Cleveland Stamping & Tool Co. ("Lava," "Volcanic"), Cleveland, O.
Columbian Enameling & Stamping Co. ("Turquoise," "Onyx"), Terre Haute, Ind.
Coonley Mfg. Co. ("Roco" & "Clyde" Brands), Cicero, Ill.
Crunden-Martin Mfg. Co. ("Spartan" Single Coated Gray), 2d & Gratiot, St. Louis, Mo.
Dunlap John Co. ("Monogram," "Blue-Stone," "Janet"), Gregg, Pittsburgh, Pa.
Federal Enameling & Stamping Co., Thompson & Chartiers, Pittsburgh, Pa.
GEUDER, PAESCHKE & FREY CO. (Also Galvanized, Japanned & Tinned), Milwaukee, Wis.
See adv index at end of book
Jewett Stamping & Enameling Co. ("Jewett" Blue Mottled, White Lined), Jewett, O.
Lafayette Stamping & Enameling Co., West Lafayette, O.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Lisk Mfg. Co., Canandaigua, N. Y.
Markt & Hammacher Co. (Swedish), 194 West, New York
National Enameling & Stamping Co. ("Blue Ribbon"), 411 5th av, New York

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H. A. STILES & CO., 97 Oliver Street, BOSTON, MASS.

New England Enameling Co. ("Barnard," "New England" & "Quaker"), Middletown, Conn.
Ohio Enamel Co., 1016 B'way, Cleveland, Ohio
Porcelain Enameling Ass'n of America ("Polar-Brand"), Sheboygan, Wis.
Reed Mfg. Co., Newark, N. Y.
Republic Metalware Co., The, Buffalo, N. Y.
Republic Stamping & Enameling Co. ("Old English" Gray Ware), Canton, O.
Rothschild, Meyers & Co. (Imp.), 135 5th av, New York
Strong Mfg. Co. ("Everglade," "Concord," "Oceanic"), Sebring, O.
U. S. Stamping Co., Moundsville, W. Va.
Vollrath Co. ("Vollrath" Enameled Steel & Cast Iron Wares), Sheboygan, Wis.

Enameled Ware Mfrs. (Plumbers')

See Bath Tubs, Lavatories, Sinks, etc

4302— Enamelers

See also Glass Enamelers

American Enamel Co. (Of Wood, Metal, etc), Providence, R. I.
Baltimore Enamel & Novelty Co. (Metal Stove Parts, etc.), Woodall, Baltimore, Md.
Beach Enameling Co., Coshocton, O.
Bogert & Hopper (Fancy & Plain Wood), 67 Barclay, New York
Brown Enamel Works, Fitchburg, Mass.
Bossert Corp. (The), (Automobile & Pressed Metal Parts), Utica, N. Y.
See adv index at end of book
Cleveland Metal Products Co. (Porcelain), 7609 Platt av & C & P Tracks, Cleveland, O.
Dick D. D. & Sons, 519 Cherry, Phila., Pa.
ELYRIA ENAMELED PRODUCTS CO. (Vitreous), Elyria, O.
See adv index at end of book
Enamel Products Co. (Porcelain Iron), Eddy rd & Taft av, Cleveland, O.
Estes E. B. & Sons (Fancy & Plain Wood), 364 5th av, New York
See adv index at end of book
Fowler Lamp & Mfg. Co., 59 E 24th, Chicago, Ill.
Franks Sani-Cover Supply Co. (Wood & Metal), Cambridge, Mass.
GEUDER, PAESSCHKE & FREY CO. (Porcelain Ware, etc) (Job Work), Milwaukee, Wis.
See adv index at end of book
Greenpoint Enameling Works, 300 Greenpoint av, Brooklyn, N. Y.
Humphryes Mfg. Co. (Porcelain Iron, for all Purposes), Mansfield, O.
Impervious Metal Corp. (Sheet Steel), 421 Wood, Pittsburgh, Pa.
Michigan Enameling Works (Porcelain), Kalamazoo, Mich.
Narragansett Machine Co. (Wood & Metal), Providence, R. I.
North Star Spinning & Mfg Co., St. Paul, Minn.
Novelty Turning Co. (Wood), Norway, Me.
S. & I. Co., Springfield, Mass.
St. Louis Trunk Hardware Mfg. Co., St. Louis, Mo.
Snead & Co. Iron Works (Metal), 98 Pine, Jersey City, N. J.
See adv index at end of book
Stiles H. A. & Co. (Fancy & Plain Wood), 93-97 Oliver, Boston, Mass.
See adv index at end of book
Sun Enamel Works (Fancy Wood Enameling & Japannings), Leominster, Mass.

4303— Enamels

Acme White Lead & Color Works, Detroit, Mich.
Adams & Elting Co. ("Ad-el-ite" White & Tinted & Amel-ite-enamel Washable), 726 Washington blvd, Chicago, Ill.
Akron Varnish Co. ("Peerless"), Akron, O.
American Chemical & Mfg. Co., 617 Monticello av, Norfolk, Va.
American Enamel Co., Providence, R. I.
Arco Co., Euclid & E 65th, Cleveland, O.
Armstrong Paint & Varnish Works ("Agate Kote"), 2502 S Paulina, Chicago, Ill.
Baer Bros., 438 W 37th, New York
Becker-Moore Paint Co., 1219 Olive, St. Louis, Mo.
Berry Bros., Wight & Leib, Detroit, Mich.
Bigelow Varnish Co. (White), 87 Oliver, Newark, N. J.
Billings-Chapin Co. ("Bilchaco"), Cleveland, O.
Bird J. A. & W. & Co. ("Ripolin," Imported), 88 Pearl, Boston, Mass.
Biturine Co., 24 California, San Francisco, Cal.
Booth J. B. Co., 216 E Robinson, Pittsburgh, Pa.
Boston Varnish Co. ("Kyanize" White), Everett Station, Boston, Mass.
Bradley & Vrooman Co., 2632 S Dearborn, Chicago, Ill.
Bridgeport Wood Finishing Works (Du Pont), Philadelphia, Pa.
Brown Chas. H. Paint Co., 188 Montague, Brooklyn, N. Y.
Buffalo Oil, Paint & Varnish Co., Buffalo, N. Y.
CALIFORNIA PAINT CO., Oakland, Cal.
Cambria Paint & Color Co. Ltd., Johnstown, Pa.
Cawley, Clarke & Co., 278 Passaic, Newark, N. J.
Ceresite Waterproofing Co. ("Radiolite White Enamel"), 110 So. Dearborn, Chicago, Ill.
Celluloid Zapon Co. ("Zapon" Cac-qui), 200 5th av, New York
Chicago Varnish Co., 2100 Elston av, Chicago, Ill.
Chicago Wood Finishing Co., 1309 Sloan, Chicago, Ill.
Cooledge F. J. & Sons (English), Atlanta, Ga.
Crown Varnish & Enamel Co., 2322 N Seeley av, Chicago, Ill.
Davis H. B. Co., Keyser bldg, Baltimore, Md.
Denny, Hilborn & Rosenbach, 230 N 12th, Phila., Pa.
Eagle Paint & Varnish Co. (Sanitara White), N S, Pittsburgh, Pa.
Ernecke & Salmstein Co. ("Ernsalin" Paint for Walls & Ceilings), 1509 N Halsted, Chicago, Ill.
Felton, Sibley & Co., 136 N 4th, Phila., Pa.
Flint Varnish & Color Works, Flint, Mich.
Flood & Conklin Co. ("Vitrawite"), 132 Chestnut, Newark, N. J.
Forest City Paint & Varnish Co. (All Kinds), 3334 Lakeside av, Cleveland, Ohio
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
Gem Mfg. Co. (Wood Turning & Enameling Div.), New Durham, N. H.
Gerstendorfer Bros. ("Sapolin"), 221 E 42nd, New York
Glidden Varnish Co., 1755 W Madison av, Cleveland, O.
Gimbel Geo. & Co., Inc., 24 Stone, New York
HARRISON WORKS (Du Pont) ("Flowkote," Vitrolac, Auto Enamels, Sanitary Gloss, Japanese Enamels), 35th & Grays Ferry rd, Phila., Pa.
Hetzel J. G. (Est. of), 67 Main, Newark, N. J.
Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.
Jenkins Paint & Oil Co. ("Merrimac"), Norfolk, Va.
Lancaster Paint & Glass Co., Lancaster, Pa.
Lawrence W. W. & Co., W Carson, Pittsburgh, Pa.
Leggett & Bro., 301 Pearl, New York
Lincoln Paint & Color Co. ("Lancaster" & "Paragon"), Lincoln, Neb.
Lloyd W. H. S. Co. (Imp), "Paripan," 105 W 40th, New York
Lucas John & Co. ("Lucaseal," Outside & Inside), 322 Race, Phila., Pa.
Mayer & Loewenstein, 164 Water, New York
Miller & Graham, 21 S Gay, Baltimore, Md.
Moore Benjamin & Co., 231 Front, Brooklyn, N. Y.
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
Newark Varnish Works ("White Copal"), 111 Delancey, Newark, N. J.
NICE EUGENE E., 272 S 2d, Phila., Pa.
See adv index at end of book
Northwestern Chemical Co. ("Brass Kote," "Never Burn"), Marietta, O.
Nubian Paint & Varnish Co., 1856 Leclaire av, Chicago, Ill.
Parker Chas. H. Co. (Wire Fence), Valparaiso, Ind.
Patterson-Sargent Co., Cleveland, O.
Pecora Paint Co., 4th & Sedgley av, Philadelphia, Pa.
Phoenix Paint & Varnish Co. (Marbleite), 124 Market, Phila., Pa.
Pratt & Lambert ("Vitralite," White), Buffalo, N. Y.
Remien & Kuhnert Co., 63 W Grand av, Chicago, Ill.
Richmond Bros., 616 Main, Cincinnati, O.
Rinald Bros. (Porcelain, etc), 1142 N Hancock, Phila., Pa.
Schlegel Oscar Mfg. Co., 111 E 12th, New York
Smith Edw. & Co. ("Esco," "Rex," "Matte," "White"), 127 West av, Long Island City, N. Y.
Standard Varnish Wks. ("Calova," "Kwechwork," "Satinette"), 90 West, New York
Standard Varnish Works ("Satinette" White), 2589 Richmond ter, Elm Park, N. Y.
Thompson Thos. C. (Vitrifiable for Use on Copper & Iron), Wilmette, Ill.
THOMSON WOOD FINISHING CO., 827 N 3rd, Phila., Pa.
See adv index at end of book
Thurston F. W. Co., 1832 S Clark, Chicago, Ill.
Toch Bros., 320 5th av, New York
United Varnish Company, 300 Hancock, Long Island City, N. Y.
U. S. Gutta Percha Paint Co. ("Chinaline" for Interior Finish), 12-30 Dudley, Providence, R. I.
Van Phul Gilbert D., Hibernia Bk. bldg, New Orleans, La.
Wadsworth-Howland Co., 225 N Carpenter, Chicago, Ill.
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.
Waterall Wm. & Co., Front & Mechanic, Phila., Pa.
Whitehead Paint Co., 702 W 48th, New York
Wilhelm A. Co. ("Royaluxe"), Reading, Pa.
Woolsey C. A. Paint & Color Co., 500 Grand, Jersey City, N. J.

4304— Enamels (Air Drying)

Arnstein Eugene, 45 W 26th, Chicago, Ill.
California Paint Co., Oakland, Cal.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
French Sam'l H. & Co., 4th & Callowhill, Phila., Pa.
Hall-Thompson Co. ("Jet-Lac"), Hartford, Conn.
Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.
Lawrence W. W. & Co. (Engine Enamel, etc.), W Carson, Pittsburgh, Pa.
Lincoln Paint & Color Co., Lincoln, Neb.
Lucas John & Co., 322 Race, Phila., Pa.
Moller & Schumann Co., Marcy av, Brooklyn, N. Y.
Nice Eugene E., 272 So. 2nd, Phila., Pa.
See adv index at end of book
Nubian Paint & Varnish Co., 1856 Leclaire av, Chicago, Ill.
Ohmlac Mfg. Co., 140 S Dearborn, Chicago, Ill.
Pecora Paint Co., 4th & Sedgley av, Philadelphia, Pa.
Perry Derrick Varnish Co., 1660 Central Park av, Cincinnati, O.
Pratt & Lambert Inc., Buffalo, N. Y.
Rinald Bros., 1142 N Hancock, Phila., Pa.
Sherwin-Williams Co., Cleveland, O.
Standard Varnish Wks., 90 West, New York
Standard Varnish Works, 2589 Richmond ter, Elm Park, N. Y.
THOMSON WOOD FINISHING CO., 827 N 3d, Phila., Pa.
See adv index at end of book
U. S. Gutta Percha Paint Co., 12-30 Dudley, Providence, R. I.
Wadsworth Howland & Co. ("Bay State"), 141 Federal, Boston, Mass

Enamels (Aluminum)

See Paints, Aluminum & Gold

4305—Enamels (Architectural)

Atlas Paint Co. ("A. P." White), Nashville, Tenn.
Chicago Varnish Co. ("Flo-White"), 2100 Elston av, Chicago, Ill.
Lucas John & Co., 322 Race, Phila., Pa.
Murphy Varnish Co. (Exterior & Interior White, etc), McWhorter, Newark, N. J.
NICE EUGENE E., 272 So 2nd, Phila., Pa.
See adv index at end of book
Valentine & Co. ("Lawson" Exterior & Interior White, etc), 456 4th av, New York
Wadsworth Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.

4306— Enamels (Baking)

Akron Varnish Co., Akron, O.
American Enamel Co., Providence, R. I.
American Graphite Co., Cleveland, O.
Arnstein Eugene, 45 W 26th, Chicago, Ill.
Benoit Constant A. ("Permatex"), Sheepshead Bay, N. Y.
Boston Varnish Co. ("Black Dazzle"), Everett Station, Boston, Mass.
Buffalo Oil, Paint & Varnish Co., Buffalo N. Y.
California Paint Co., Oakland, Cal.
Chase Roberts & Co. ("Kismet" & "Ozone"), West av, Long Island City, N. Y.
Clement Coverall Co., Camden, N. J.
Condensite Co. of America ("Technical"), Bloomfield, N. J.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Essex Varnish Co., 84 Vesey, Newark N. J.
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
Fort Pitt Oil & Paint Co., 3209 Liberty av, Pittsburgh, Pa.
French Samuel H. & Co., 4th & Callowhill, Philadelphia, Pa.
General Bakelite Co. ("Bakelite"), 2 Rector, New York
Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.
McDougall Varnish Co., 24 Evans, Buffalo, N. Y.
Masury John W. & Son, 50 Jay, Brooklyn, N. Y.
Mets P. A. Paint Co. ("Besco" & "True"), 769 Clinton, Buffalo, N. Y.
Moller & Schumann Co., Marcy av, Brooklyn, N. Y.
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
Murphy Varnish Co., McWhorter, Newark, N. J.
Nice Eugene E., 272 So 2nd, Phila., Pa.
See adv index at end of book
Nubian Paint & Varnish Co., 1856 Le Claire av, Chicago, Ill.
Ohmlac Mfg. Co., 140 S Dearborn, Chicago, Ill.
Pecora Paint Co., 4th & Sedgley av, Philadelphia, Pa.
Perry-Derrick Varnish Co. (The), 1660 Central av, Cincinnati, O.
Pratt & Lambert Inc., Buffalo, N. Y.
Rinald Bros., 1142 N Hancock, Phila., Pa.
Sherwin-Williams Co., Cleveland, O.
Standard Varnish Works, 90 West, New York
THOMSON WOOD FINISHING CO., 827 N 3d, Phila., Pa.
See adv index at end of book
Valentine & Co., 456 4th av, New York
Wadsworth Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.
Wilhelm A. Co., Reading, Pa.

4307— Enamels (Bath Tub)

Acme White Lead & Color Works, Detroit, Mich.
Arnstein Eugene, 45 W 26th, Chicago, Ill.
Boston Varnish Co. ("Kyanize"), Everett Station, Boston, Mass.
Brown Chas. H. Paint Co. ("Statesman"), 188 Montague, Brooklyn, N. Y.
Burdsal A. Co. (Interior Finishing Mill Whites). Factory: Indianapolis, Ind.
Calman Emil & Co. ("Enamolin," White), 100 William, New York
Davis H. B. Co., Keyser bldg., Baltimore, Md.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Ernecke & Salmstein Co., 1509 N Halsted, Chicago, Ill.
French Samuel H. & Co., 4th & Callowhill, Philadelphia, Pa.
Gerstendorfer Bros. ("Sapolin"), 221 E 42d, New York
Globe Varnish Co. ("Edgar's"), 6125 Butler, Pittsburgh, Pa.
Harrison Works (Du Pont), 35th & Grays Ferry rd, Phila., Pa.
Lawrence W. W. & Co. ("Lawrence," "To Kay"), W Carson, Pittsburgh, Pa.
Lincoln Paint & Color Co., Lincoln, Neb.
Lucas John & Co., 322 Race, Phila., Pa.
Masury John W. & Son, 50 Jay, Brooklyn, N . Y.
Miller & Graham, 21 S Gay, Baltimore, Md.
Moser Chas. Co., Cincinnati, O.
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
Nice Eugene E., 272 So 2nd, Phila., Pa.
See adv index at end of book
Pecora Paint Co., 4th & Sedgley av, Philadelphia, Pa.
Pratt & Lambert (Inc.), ("Vitralite"), Buffalo, N. Y.
Richmond Bros., 616 Main, Cincinnati, O.
Rinald Bros., 1142 N Hancock, Phila., Pa.
Standard Varnish Wks., 90 West, New York
St. Paul White Lead & Oil Co., Water & Starkey, St. Paul, Minn.
Sherwin-Williams Co., Cleveland, O.
Smith Edw. & Co., 127 W av, Long Island City, N. Y.
THOMSON WOOD FINISHING CO., 827 N. 3rd, Phila., Pa.
See adv index at end of book
U. S. Gutta Percha Paint Co., 12-30 Dudley, Providence, R. I.
Wadsworth, Howland & Co., ("Bay State"), 141 Federal, Boston, Mass.
Wilhelm A. Co., Reading, Pa.

4308— Enamels (Brewers')

French Samuel H. & Co., 4th & Callowhill, Philadelphia, Pa.
Dehls & Stein, Inc. (Black Tank), 239 South, Newark, N. J.
Gimbel Geo. & Co., Inc., 24 Stone, New York
Hamrick Tank & Barrel Hard Shell Enameling Co., 5831 Wissahickon av., Phila., Pa.
Lawrence W. W. & Co., W Carson, Pittsburgh, Pa.
Lucas John & Co., 322 Race, Phila., Pa.
Moller & Schumann Co., Marcy av, Brooklyn, N. Y.
Nubian Paint & Varnish Co., 1856 Leclaire av, Chicago, Ill.
Pecora Paint Co., 4th & Sedgley av, Philadelphia, Pa.
Pratt & Lambert, Buffalo, N. Y.
Rinald Bros., 1142 N Hancock, Phila., Pa.
See adv index at end of book
Sherwin-Williams Co., Cleveland, O.
Standard Varnish Wks., 90 West, New York
U. S. Gutta Percha Paint Co., 12-30 Dudley, Providence, R. I.
Wadsworth, Howland Co. ("Bay State"), 141 Federal, Boston, Mass.
Wilhelm A. Co., Reading, Pa.

4309-10— Enamels (Flat)

Chicago Varnish Co. ("Eggshell-White"), 2100 Elston av, Chicago, Ill.
Rinald Bros., 1142 N Hancock, Phila., Pa.
Standard Varnish Wks., 90 West, New York
Wadsworth, Howland Co. ("Bay State"), 141 Federal, Boston, Mass.

Enamels (Gold)

See Paints, Aluminum & Gold

Enamels (Iron)

See Enamels, Baking; Enamels, Stove Pipe; Paints for Coating & Preserving Iron & Steel

4311—Enamels (Locomotive, Truck & Car)

Lucas John & Co., 322 Race, Phila., Pa.
Murphy Varnish Co., McWhorter, Newark, N. J.
Nice Eugene E., 272 So 2nd, Phila., Pa.
See adv index at end of book
Standard Varnish Wks., 90 West, New York
St. Louis Surfacer & Paint Co., Arlington & Terminal Belt Line, St. Louis, Mo.
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.

4312— Enamels (Porcelain)

Rinald Bros., 1142 N Hancock. Phila., Pa.

4312a—*Enamels (Pyroxylin, Wood & Metal)

DU PONT CHEMICAL WORKS ("Pyralin," Cellulose, Spraying & Air-Drying), 120 B'way, New York

4313— Enamels (Radiator)

American Enamel Co., Providence, R. I.
Arnstein Eugene, 45 W 26th, Chicago, Ill.
Brown Chas. H. Paint Co. ("Statesman"), 188 Montague, Brooklyn, N. Y.
Davis H. B. Co., Keyser bldg, Baltimore, Md.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
French Samuel H. & Co., 4th & Callowhill, Philadelphia, Pa.
Gerstendorfer Bros., 221 E 42d, New York
Harrison Works (Du Pont), 35th & Grays Ferry rd, Phila., Pa.
Lawrence W. W. & Co., W Carson, Pittsburgh, Pa.
Lucas John & Co., 322 Race, Phila., Pa.
Moser Chas. Co., Cincinnati, O.
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
Nice Eugene E., 272 So 2nd, Phila., Pa.
See adv index at end of book
Nubian Paint & Varnish Co., 1856 Leclair av, Chicago, Ill.
O'Brien Varnish Co., South Bend, Ind.
Pecora Paint Co., 4th & Sedgley av, Philadelphia, Pa.
Pratt & Lambert (Inc.), Buffalo, N. Y.
Richmond Bros., 616 Main, Cincinnati, O.
Rinald Bros., 1142 N Hancock, Phila., Pa.
Standard Varnish Wks., 90 West, New York
St. Paul White Lead & Oil Co., Water & Starkey, St. Paul, Minn.
Sherwin-Williams Co., Cleveland, O.
Wadsworth, Howland & Co. ("Bay State") 141 Federal, Boston, Mass.
Wilhelm A. Co., Reading Pa.

4314—Enamels (Storage Battery)

Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.
Lucas John & Co., 322 Race, Phila., Pa.
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
Sherwin-Williams Co. ("S.-W." Insulating), Cleveland, O.
Standard Varnish Wks., 90 West, New York
Sonneborn L. Sons, 262 Pearl, New York

4315— Enamels (Stove Pipe)

American Enamel Co., Providence, R. I.
Black Silk Stove Polish Works, Sterling, Ill.
Boston Varnish Co., Everett Station, Boston, Mass.
Brown Chas. H. Paint Co. ("Statesman"), 188 Montague, Brooklyn, N. Y.
Cambria Paint & Color Co. (Ltd.) ("Black Boy"), Johnstown, Pa.
Chicago Wood Finishing Co. ("Elston"), 1309 Sloan, Chicago, Ill.
Crosby & Co. ("6-5-4"), Detroit, Mich.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Gerstendorfer Bros., 221 E 42d, New York
Glidden Varnish Co. (Protective Black), 1755 W Madison, Cleveland, O.
Harrison Works (Du Pont), 35th & Grays Ferry rd, Phila., Pa.
Lawrence W. W. & Co., W Carson, Pittsburgh, Pa.
Lincoln Paint & Color Co., Lincoln, Neb.
Lucas John & Co., 322 Race, Phila., Pa.
Masury John W. & Son, 50 Jay, Brooklyn, N. Y.
Moser Chas. Co., Cincinnati, O.
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
Nubian Paint & Varnish Co. ("Bonnell's" "English"), 1856 Leclaire av, Chicago, Ill.
Patton Paint Co., Milwaukee, Wis.
Prince Jas. H. Paint Co., 5 Lancaster, Boston, Mass.
Rath Mfg. Co. ("Pipe Dream"), Hedley E of Richmond, Phila., Pa.
Richmond Bros., 616 Main, Cincinnati, O.
Rinald Bros., 1142 N Hancock, Phila., Pa.
Rutland Fire Clay Co. ("Rutland"), Rutland, Vt.
Sherwin-Williams Co., Cleveland, O.
Standard Varnish Wks., 90 West, New York
Thurston F. W. Co. ("Elston"), 1832 S Clark, Chicago, Ill.
Wadsworth, Howland & Co. ("Bay State") 141 Federal, Boston, Mass.
Wilhelm A. Co., Reading, Pa.

4316—Enamels (Window Screen)

Gerstendorfer Bros. ("Sapolin") 221 E 42d, New York
Harrison Works (Du Pont), 35th & Grays Ferry rd, Phila., Pa.
Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.
Lawrence W. W. & Co., W Carson, Pittsburgh, Pa.
Masury John W. & Son, 50 Jay, Brooklyn, N. Y.
Moser Chas. Co., Cincinnati, O.
Nice Eugene E. 272 S 2d, Phila., Pa.
See adv index at end of book
Richmond Bros., 616 Main, Cincinnati, O.
Wadsworth, Howland & Co. ("Bay State") 141 Federal, Boston, Mass.

4317— Encasing (Lead Cable)

Robertson John & Co., 133 Water, Brooklyn, N. Y.

4318— *End Flights

LINK-BELT CO. ("Drummond" for Screw Conveyors), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

4319— Ends (Bolt)

American Equipment Co., Norristown, Pa.
Bayonne Bolt & Nut Co., Bayonne, N. J.
Bethlehem Steel Co., So. Bethlehem, Pa.
Cambria Steel Co., Widener bldg, Phila., Pa.
Clark Bros. Bolt Co., Milldale, Conn.
See adv index at end of book
Columbus Bolt Works Co., Columbus, O.
Continental Bolt & Iron Works, 2225 W 43d, Chicago, Ill.
Gary Screw & Bolt Co., Gary, Ind.
Graham Nut Co., 1317 W Carson, Pittsburgh, Pa.
Haskell Wm. H. Mfg. Co., Pawtucket, R.I.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Kirk-Latty Mfg. Co., W 85th (bet Detroit & Madison avs), Cleveland, O.
Lake Erie Iron Co., ft. of E 63rd, Cleveland, O.
Lamson & Sessions Co., 2188 Sevauton rd, S W, Cleveland, O.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Michigan Bolt & Nut Works, Detroit, Mich.
Milton Mfg. Co., Milton, Pa.
National Bolt & Nut Co., Pittsburgh, Pa.
New England Bolt Co., Everett, Mass.
Old Dominion Iron & Nail Works Co., Richmond, Va.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, O.
Reynolds James Mfg. Co., New Haven, Conn.
Rhode Island Tool Co. (With Square Nut), Providence, R. I.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Scranton Bolt & Nut Co., Scranton, Pa.
Upson Nut Co., Cleveland, O.

4320— Ends (Canopy)

Union Forging Co., Union, N. Y.

4321— Ends (Car)

Van Dorn Coupler Co. ("Van Dorn" One-Piece Steel), 2325 S Paulina, Chicago, Ill.

4322— Ends (Curtain Pole)

Judd H. L. Co., 87 Chambers, New York
Turner & Seymour Mfg. Co. (Brass, etc), Torrington, Conn.

4323— Ends (Joint)

Baldwin E. N. (For Carriage Tops), Shelton, Conn.
Union Forging Co., Union, N. Y.

4324— Ends (Rod & Yoke)

Billings & Spencer Co. (Drop Forged), Hartford, Conn.
Bonney Vise & Tool Works, Allentown, Pa.
See adv index at end of book
Williams J. H. & Co. (Drop Forged), 31 Richards, B'klyn, N. Y.
See adv index at end of book

4325— Ends (Shaft)

Crandal, Stone & Co., Division The Brewer-Titchener Corp. ("Pioneer"), Binghamton, N. Y.
Johnson Carriage Co., 53 Baltimore, Detroit, Mich.
Steel Socket Shaft End Co. (Spliced Joint), 1432 E 49th, Cleveland, O.

4326—Engine Parts (Airplane)

Allegheney Forging Co., 530 4th av, Pittsburgh, Pa.
Aluminum Castings Co., 6205 Carnegie av, S E, Cleveland, O.
Anderson Foundry & Machine Co., Anderson, Ind.
Barcalo Mfg. Co., Buffalo, N. Y.
Burd High Compression Ring Co., 23rd av & 10th, Rockford, Ill.
Crosby Steel Gage & Valve Co., 40 Central, Boston, Mass.
Dallet Thos. H. & Co., Juniper & Federal, Philadelphia, Pa.
Doehler Die Casting Co., 9th & Court, Brooklyn, N. Y.
Erie Specialty Co., 510 W 12th, Erie, Pa.
Gill P. H. & Sons, 2 Lorraine, Brooklyn, N. Y.
Hayes Mfg. Co., Detroit, Mich.
Hydraulic Pressed Steel Co., 3812 E 61st, Cleveland, O.
Levett Walker M. Co., 417-421 E 23rd, New York
Meisel Press Mfg. Co., 942 Dorchester av, Boston, Mass.
Park Drop Forge Co., 760 E 79th, Cleveland, O.
Pressed Steel Products Co., 50 Church, New York
Standard Parts Co., Edgewater Park, Cleveland, O.
See adv index at end of book
Stimpson Edwin B. Co., 68 Franklin av, Brooklyn, N. Y.
Taft-Pierce Mfg. Co., Woonsocket, R. I.
Tioga Steel & Iron Co., Philadelphia, Pa.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book
Williams J. H. & Co., Richards, Brooklyn, N. Y.
Wyman-Gordon Co., Worcester, Mass.

4327—Engine Shields & Guards

Kraft A. C., 323 W Lake, Chicago, Ill.
Strandwitz & Scott, Camden, N. J.

4328—Engine Starters (Automobile)

Dayton Engng. Laboratories Co. ("Delco" Self-Starter), Dayton, O.
Detroit Starter Co. (For Ford), 203 Monroe av, Detroit, Mich.
Eclipse Machine Co. (Automatic Gear Transmission), Elmira, N. Y.
Electric Auto-Lite Co., Toledo, O.
Heinze John O. Co., Springfield, O.
Holt Electric Co. ("Holt" Motors), 379 So Pierce, Milwaukee, Wis.
Leece-Neville Co., 5363 Hamilton av, Cleveland, O.
Little Giant Starter Co., Canton, O.
North East Electric Co. (Electric "Universal"), Rochester, N. Y.
Northwestern Mfg. Co., 482 Clinton, Milwaukee, Wis.
Peters & Herron Dash Co. ("Brinnon"), 533 E Long, Columbus, O.
Roberson W. Machine & Foundry Co. ("Presto"), 56 Rano, Buffalo, N. Y.
Sandbo Starter Co., Rock Island, Ill.
United States Light & Heat Corp. (Electric), Niagara Falls, N. Y.
Wagner Electric Mfg. Co., 6400 Plymouth av, St. Louis, Mo.
Ward Leonard Electric Co. (Dynamos), Mt. Vernon, N. Y.

4329—Engine Stops (Speed Limit)

Consolidated Engine Stop Co. ("Monarch," "Corliss," "Columbia"), 133 W. 19th, New York
Falls Machine Co., Sheboygan Falls, Wis.
Ford Thos. P. Co., 407 Broome, New York
Locke Regulator Co. (Automatic), Salem, Mass.
Nelson Blower & Furnace Co., L. & Elkins, Boston, Mass.
Racine Brass & Iron Co. (For Ford Only), Racine, Wis.
Schutte & Koerting Co. ("Schutte" Steam & Electrically Operated), 12th & Thompson, Phila., Pa.
Simplex Mfg. Co. (For Fords), Anderson, Ind.
SPRINGER & HARGITT ("Single's" for Corliss Engines), Hamilton, O.
Strong Carlisle & Hammond Co. ("Strong" Automatic Gas or Steam), 336 Frankfort av, N W, Cleveland, O.
Watts Regulator Co. ("Watts"), Lawrence, Mass.

4330—Engine & Boiler Combined

Byers John F. Machine Co., 242 So. Sycamore, Ravenna, O.
See adv index at end of book
Enterprise Co., Columbiana, O.
Erie Pump & Engine Works, Inc. ("Erie" Side & Center Crank), 141 Glenwood av, Medina, N. Y.
See adv index at end of book
Farquhar A. B. Co. (Ltd.), York, Pa.
Frick Co., Waynesboro, Pa.
Lambert Hoisting Engine Co., 117 Poinier, Newark, N. J.
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Murray Iron Works Co. (Vertical), Burlington, Ia.
Orr & Sembower, Reading, Pa.
Peer Mfg. Co., Comstock, Mich.
Salem Iron Works, Salem, N. C.
Stratton & Bragg Co. ("Little Samson," Portable), Petersburg, Va.

4331—*Engine & Motor Parts

Acklin Stamping Co., 1659 Dorr, Toledo, Ohio *See adv index at end of book*
DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book

WESTINGHOUSE ELECTRIC & MFG. CO. East Pittsburgh, Pa.
See adv index at end of book

4332—Engineering Schools & Colleges

ALABAMA.

AUBURN—Alabama Polytechnic Institute
TUSKEGEE—Tuskegee Normal & Industrial School
UNIVERSITY—University of Alabama.

ARIZONA.

TUCSON—University of Arizona

ARKANSAS.

FAYETTEVILLE — Arkansas Industrial University
University of Arkansas

CALIFORNIA.

BERKELEY—University of California
OAKLAND—Polytechnic College of Engineering, 1310 Madison
Van der Naillen's School of Engineering
PALO ALTO—Leland Stanford Jr., University
PASADENA—Throop College of Technology
SAN FRANCISCO—California School of Mechanical Arts, Folsom & 26th
Cogswell Polytechnic College, 26th & Folsom
Heald's School of Engineering, 130 Union sq
St. Ignatius University College
Stanford University Dept. of Engng.
Van der Naillen's School of Engineering, Sheron bldg
SAN LOUIS OBISPO—California Polytechnic School

COLORADO.

BOULDER—Colorado State University
COLORADO SPRINGS—Colorado College, Dept. of Civil Engng.
FORT COLLINS—Colorado State Agricultural College
GOLDEN—State School of Mines

CONNECTICUT.

NEW HAVEN—Yale University (Sheffield Scientific School)

DELAWARE.

NEWARK—Delaware College

DISTRICT OF COLUMBIA.

WASHINGTON—Bliss School of Electricity
Catholic University School of Technological Sciences
Corcoran Scientific School of Columbian University
George Washington Univ.

FLORIDA.

DE LAND—Stetson Univ. School of Technology
GAINESVILLE—University of Florida

GEORGIA.

ATHENS—University of Georgia, College of Agric. Arts
ATLANTA—Georgia School of Technology

IDAHO.

BOISE—University of Idaho

ILLINOIS.

CHAMPAIGN—University of Illinois
CHICAGO—Armour Institute of Technology, 3300 Federal
De Paul University, 1010 Webster
Lewis Institute
Loyola Univ. Engng. Dept.
EVANSTON—Northwestern University
PEORIA—Bradley Polytechnic Institute
URBANA—Univ. of Ill.

INDIANA.

ANGOLA—Tri-State College
INDIANAPOLIS—Winona Technical Institute
LAFAYETTE—Purdue University
NOTRE DAME—University of Notre Dame
RICHMOND—Earlham College
TERRE HAUTE—Rose Polytechnic Institute
VALPARAISO—Valparaiso University

IOWA.

AMES—Iowa State College Div.
DES MOINES—Highland Park College.
IOWA CITY—University of Iowa, College of Applied Science
MOUNT VERNON—Cornell College

KANSAS.

LAWRENCE—University of Kansas
MANHATTAN—Kansas Agricultural College, Div. of Mechanic Arts
WICHITA—Friends University

KENTUCKY.

LEXINGTON—Kentucky University
State College of Kentucky

LOUISIANA.

BATON ROUGE—Louisiana State Univ.
NEW ORLEANS—Tulane University, College of Technology, 1551 Canal

MAINE.

ORONO—University of Maine, College of Technology
WATERVILLE—Colby University

MARYLAND.

ANNAPOLIS—St. John's College
BALTIMORE—Baltimore Polytechnic Institute, 311 Courtland
John Hopkins Univ., Dept. of Engng
COLLEGE PARK—Maryland Agricultural College

MASSACHUSETTS.

AMHERST—Mass. Agricultural College
BOSTON—Hawley School of Engng.
Mass. Institute of Technology, 491 Boylston
Tufts College
Wentworth Inst.
CAMBRIDGE—Harvard University School of Applied Science (Lawrence Scientific)
COLLEGE HILL—Tufts College
WORCESTER—Worcester Polytechnic Institute

MICHIGAN.

ANN ARBOR—University of Michigan
DETROIT—Detroit Tech. Inst.
University of Detroit Engng. Dept.
HOUGHTON—Michigan College of Mines
LANSING—Michigan State Agricultural College, Engng. Dept.

MINNESOTA.

MINNEAPOLIS—University of Minnesota S E Minneapolis
ST. PAUL—School of Traction Eng.

MISSISSIPPI.

AGRICULTURAL COLLEGE—Mississippi Agricultural & Mechanical College

MISSOURI.

COLUMBIA—Univ. of Missouri School of Engng.
ROLLA—Missouri School of Mines and Metallurgy
ST. LOUIS — Washington University, Skinker & Lindell

MONTANA.

BILLINGS—Billings Poly Inst.
BOZEMAN—Montana State College of Agriculture & Arts
BUTTE—Montana State School of Mines

NEBRASKA.

LINCOLN—University of Nebraska

NEVADA.

RENO—Nevada State University

NEW HAMPSHIRE.

DURHAM—New Hamp. Coll. of Mec. Arts
HANOVER—Dartmouth College (Prof. Robert Fletcher, Director)
Thayer School of Civil Engng.

NEW JERSEY.

HOBOKEN—Stevens Institute of Technology
NEWARK—Indicator Instruction Co.
Newark Technical School, 367 High
NEW BRUNSWICK—Rutgers College
PRINCETON—Green (John C.) School of Science
Princeton University

NEW MEXICO.

ALBURQUERQUE—Univ. of New Mexico
SOCORRO—New Mexico State School of Mines
STATE COLLEGE—New Mexico College of Agriculture & Mechanic Arts

NEW YORK.

ALBANY—Union Univ. Engng. School
ITHACA—Cornell University, Sibley College of Mech. Engng.

NEW YORK CITY.

Borough of Brooklyn

BROOKLYN—Heffley Institute
Polytechnic Institute, 85 Livingston
Pratt Institute of Science & Technology, 215 Ryerson

Boroughs of Manhattan and Bronx.

NEW YORK—Columbia University, W 116th nr Amsterdam av
Cooper Union, Cooper sq
Hebrew Tech. Inst., 34 Stuyvesant
Manhattan College, 131st & B'way
New York Academy of Science, 77th & Central Pk. West
New York University, University Hts.

(End of New York City)

POTSDAM—Clarkson Memorial School of Technology
ROCHESTER—Rochester Athenaeum & Mechs. Inst.
SCHENECTADY—Union College
SYRACUSE—Syracuse University
TROY—Rensselaer Polytechnic Institute

NORTH CAROLINA.

CHAPEL HILL—University of North Carolina
MOUNT PLEASANT—N. C. College of Agriculture & Mechanical Art
RALEIGH—North Caro Coll. of Mech. Arts

NORTH DAKOTA.

GRAND FORKS—University of North Dakota
UNIVERSITY—Univ. of No. Dakota
WAHPETON—No. Dakota State School of Science

OHIO.

ADA—Ada College of Engineering
Ohio Northern Univ.
AKRON—Univ. of Akron
CINCINNATI—Cincinnati Tech. School
Institute of Applied Arts
McDonald Educational Inst., 7th & Walnut
Ohio Mechanics Inst.
University of Cincinnati, Tech. School, Burnet Woods pk
CLEVELAND—Case School of Applied Science, Euclid av, opp. Wade pl
COLUMBUS—Ohio State University
GRANVILLE—Denison University
GREENVILLE—Technical Academy
TOLEDO—Toledo Univ. Indus. Science

OKLAHOMA.

NORMAN—Univ. of Oklahoma
STILLWATER—Oklahoma Agricultural & Mechanical College

OREGON.

CORVALLIS—Oregon State Agricultural College

PENNSYLVANIA.

ALLEGHENY—Western University of Pa., Grant blvd & Parkman
CHESTER—Penna. Military College
EASTON—Lafayette College
GROVE CITY—Grove City College (Dept. of Mech. & C. E.)
HAVERFORD—Haverford College
LANCASTER—Bowman Technical School
LEWISBURG—Bucknell University (Dept. of C. E.)
MEADVILLE—Allegheny College
PHILADELPHIA — Drexel Institute of Art, Science & Industry, Chestnut & S 32d
Franklin Institute, 15 S 7th
Temple Univ.
Town Scientific School
University of Pa., S 34th c Woodland av
PITTSBURGH—Carnegie Institute of Technology, Schenely Pk
University of Pittsburgh, Grant blvd & Parkman
SOUTH BETHLEHEM—Lehigh University
STATE COLLEGE—Penna. State College
SWARTHMORE—Swarthmore College
VILLANOVA—Villanova Coll. of Technology

RHODE ISLAND.

KINGSTON—R. I. State College, Dept. of Engng.
PROVIDENCE—Brown University, Prospect

SOUTH CAROLINA.

CLEMSON COLLEGE—Clemson College
COLUMBIA—University of South Carolina

SOUTH DAKOTA.

BROOKINGS—So. Dakota State College
RAPID CITY—State College of Mines
VERMILLION—University of S. D.

TENNESSEE.

KNOXVILLE—University of Tennessee
MEMPHIS—Moore (Wm. R.) College of Technology
NASHVILLE—Vanderbilt University
SEWANEE—University of the South

TEXAS.

AUSTIN—University of Texas
COLLEGE STATION—Agricultural & Mechanical College of Texas
DALLAS—Univ. of Dallas
HOUSTON—Rice (Wm. M.) Inst. of Technology
WACO—Taylor University

UTAH.

SALT LAKE CITY—School of Mines & Engineering, University of Utah

VERMONT.

BURLINGTON—University of Vermont & State Agricultural College
NORTHFIELD—Norwich University

VIRGINIA.

BLACKSBURG—Virginia Polytechnic Institute
CHARLOTTESVILLE—University of Virginia
HAMPTON—Hampton Normal & Ag'l Institute
University of Hampton (Colored School)
LEXINGTON—Virginia Military Institute
Washington & Lee University

WASHINGTON.

PULLMAN—State College of Washington, College of Mechanical Arts & Engng.
Washington Ag'l College & School of Science
SEATTLE—University of Washington, Dept. of Elec. Engng.

WEST VIRGINIA.

MORGANTOWN—University of West Virginia

WISCONSIN.

MADISON—University of Wisconsin, College of Mechanics & Engg.
MILWAUKEE—Marquette Univ. Coll. Applied Science & Engng.

WYOMING.

LARAMIE—Univ. of Wyoming, Dept. of Mechl. & Elec. Engng.

4333—Engineering & Surveying Instruments

Ainsworth Wm. & Sons, Denver, Colo.
Aloe A. S. Co., 621 Olive, St. Louis, Mo.
Anderson Supply Co., Seattle, Wash.
Architects & Engineers Supply Co., 913 Grand av, Kansas City, Mo.
Bausch & Lomb Optical Co., Rochester, N. Y.
Beckman L. Co., 1003 Jackson, Toledo, O.
Berger C. L. & Sons, 35 Williams, Boston, Mass.
Brandis & Sons Mfg. Co., 754 Lexington W., Brooklyn, N. Y.
Buff & Buff Mfg. Co., 98 Green, Jamaica Plain, Boston, Mass.
Cole H. Co., 68 E Gay, Columbus, O.
Dietzgen Eugene Co., 166 W Monroe, Chicago, Ill.
Dodd Co., 1936 E 6th, Cleveland, O.
Elliott B. K. Co., 126 6th, Pittsburgh, Pa.
Engineering Agency, Monadnock blk., Chicago, Ill.
Fielder & Allen Co. (Dealers), Atlanta, Ga.
Fink F. B. Instrument Co., 804½ Pine, St. Louis, Mo.
Frost & Adams Co., 37 Cornhill, Boston, Mass.
Geier & Bluhm, Troy, N. Y.
Gurley W. & L. E., Troy, N. Y.
HELLER & BRIGHTLY, Dept. H, 1122 Spring Garden, Phila., Pa.
Holmes J. W., Batavia, N. Y.
Keuffel & Esser Co., Hoboken, N. J.
Kolesch & Co., 138 Fulton, New York
Kurtz, Langbein & Swartz, 535 Wood, Pittsburgh, Pa.
Lallie Surveying Instruments & Supply Co., Denver, Colo.
Ledder & Probst, 56 Franklin, Boston, Mass.
Lietz A. Co., 61 Post, San Francisco, Cal.
Lowman & Hanford Co., Seattle, Wash.
Makepeace B. L., 387 Washington, Boston, Mass.
NEW YORK BLUE PRINT PAPER CO., 102 Reade, New York.
Pease C. F. Co., 220 W. Institute Pl., Chicago, Ill.
Pfister Wm. H., 230 W 4th, Cincinnati, O.
Pittsburgh Instrument & Mach Co., 236 3rd, av, Pittsburgh, Pa.
Post Fred'k Co., 3635 S Clark, Chicago, Ill.
Prince L. M. Co., 108 W 4th, Cincinnati, O.
Queen-Gray Co., 618 Chestnut, Phila., Pa.
Randolph T. F. Co., 238 E 5th, Cincinnati, O.
Schmidt Fred. A., 721 13th, N W, Washington, D. C.
Seelig R. & Son (Mfrs.), 231 N 5th av, Chicago, Ill.
Ulmer J. C. Co., Cleveland, O.
UNITED STATES BLUE PRINT PAPER CO., 327 S La Salle, Chicago, Ill.
Warren-Knight Co. ("Sterling"), 136 N 12th, Phila., Pa.
WEBER F. & CO., 1125 Chestnut, Phila., Pa., also St. Louis, Mo., & Baltimore, Md. *See adv index at end of book*
White David Co., 419 E Water, Milwaukee, Wis.
Williams, Brown & Earle, 918 Chestnut, Phila., Pa.
Wissler A., B'way & Wash av, St. Louis, Mo.
Young & Sons (Mfrs.), 43 N 7th, Phila., Pa.

4333a—Engines (Aeronautical)

KNAPP ARTHUR ENGINEERING CORP., 30 Church, New York
See adv index at end of book

4334—Engineers (Architectural & Structural Consulting)

Averill F. L., Library of Congress, Washington, D. C.
Baxter A. E. Engineering & Appraisal Co., Buffalo, N. Y.
Bird Thos. J., 30 E 42nd, New York
Black Hawk Construction Co., Waterloo, Ia.
Bouscaren G., City Hall, Cincinnati, O.
CHICAGO BRIDGE & IRON WORKS, 1319 W 105th Chicago, Ill.
For branch offices see adv index at end of book
Condron Co., Monadnock bldg, Chicago, Ill.
Daly M. J. & Sons (Power Plants, Heating & Ventilating), Waterbury, Conn.
Day & Zimmermann, Inc., 611 Chestnut, Philadelphia, Pa.
Duft Samuel E. (Bridge Designers), Pittsburgh, Pa.
Freeland & Klyce Engineering Co., 65 Life & Casualty, Nashville, Tenn.
Gilmore A. L. (Structural), Binghamton, N. Y.
Glafey F. A., Keenan bldg, Pittsburgh, Pa.
Green Samuel M. Co., Inc., Springfield, Mass.
Hill Geo., 31 E 27th, New York
Hoag D. F. & Co. (Designing & Construction), Com. Exchange bldg, Minneapolis, Minn.
Laughlin Alex & Co., Pittsburgh, Pa.
Lietz A. Co., 61 Post, San Francisco, Cal.
Lowinson Oscar, 5 W. 31st, New York
Lucius Engineering Co. (Designers & Erectors), Hartje bldg, Pittsburgh, Pa.
Luten Daniel B. (Designing of Reinforced Concrete Bridges), Indianapolis, Ind.
Main Thos. B., Stephen Girard bldg, Phila., Pa.
Modjeski Ralph (Designing, Inspection & Construction of Bridges, Viaducts, Trestles, etc), 220 S Michigan av, Chicago, Ill.
Morse Edwin K., 316 Fourth av, Pittsburgh, Pa.
Osborn Engineering Co., 2848 Prospect av, Cleveland, O.
Pfeiffenberger John M., Alton, Ill.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Price T. W. Engineering Co. (Industrial Plants), 233 B'way, New York
Purdy & Henderson, 45 E 17th, New York, & 106 S Michigan av, Chicago, Ill.
Raque Philip E., 132 Nassau, New York
Roberts Frank C. & Co., Real Estate Trust bldg, Phila., Pa.
Russel Wheel & Foundry Co. (Structural Consulting), Detroit, Mich.
Scofield Engng. Co., Comm'l Tr. bldg., Phila., Pa.
Shankland E. C. & R. M. (Designers of Building Bridges & Foundations), 209 S La Salle, Chicago, Ill.
Soper Engineering Co. (Designing & Construction of Bridges), Chattanooga, Tenn.
Spellman Jos. R., 300 W 121st, New York
Stebbings W. L., Monadnock blk, Chicago, Ill.
Stevens H. L. & Co., 910 S Michigan av, Chicago, Ill.
STEWART JAS. & CO., INC., Boatmen's Bank bldg, St. Louis, Mo.
Stuart James L., 233 Oliver Av., Pittsburgh, Pa.
Swensson Emil, Frick bldg, Pittsburgh, Pa.
Viele Blackwell & Buck, 49 Wall, New York
Westcott & Mapes, Inc., New Haven, Conn.

4334a—*Engineers (Bakery)

WERNER & PFLEIDERER CO., 1232 No Niagara, Saginaw, Mich.
See adv index at end of book

4335—Engineers (Cement Plants)

Atlas Engineering Co., Amherst, O.
See adv index at end of book
Freeborn F. W. Engng. Const. Co., Rialto bldg, Kansas City, Mo.
Fuller Engineering Co., Allentown, Pa.
Osborn Engineering Co., Cleveland, O.
Smidth F. L. & Co., 50 Church, New York
Spackman Henry S. Engineering Co., 2024 Arch, Phila., Pa.

4336— Engineers (Chemical)

See also Laboratories, Testing

Booth, Garrett & Blair, 404 Locust, Phila., Pa.
Bowman Walker (Consulting & Expert Advice), 39 Cortlandt, New York
Burgess C. F. Laboratories, Madison, Wis.
Burgess & Long, Columbus Savings & Trust bldg, Columbus, O.
Carmichael Henry, 88 Broad, Boston, Mass.
Davis Geo. C., 39 S 10th, Phila., Pa.
Dow & Smith (Consulting), 133 E 23rd, New York
Emory & Eisenbrey, Harrison bldg., Phila., Pa.
Flood Walter H., 3725 Langley av, Chicago, Ill.
Fuller Engineering Co. (Designing & Constructing), Allentown, Pa.
Garrigues Com. & Co., 154 Nassau, New York
Gould & Ash, 216 Pine, San Francisco, Cal.
Hamlin & Morrison, 119 S. 4th, Phila., Pa.
Kansas City Testing Laboratory, Kansas City, Mo.
Meade Richard K., 202 N Calvert, Balto., Md.
Moses, Pope & Messer, 366 5th Av., New York.
Moulting Engineering Corp., 534 Congress, Portland, Me.
Process Engineering Co., Stephen Girard bldg., Phila., Pa.
Ricketts & Co., 80 Maiden lane, New York
Sadtler Sam'l P. & Son, 210 S 13th, Phila., Pa.
Sherman Herbert L., 12 Pearl, Boston, Mass.
Smith, Emery & Co., 651 Howard, San Francisco, Cal.
Spackman Henry S. Engineering Co., 2024 2024 Arch, Phila., Pa.
Wiedemann H. E., Chemical bldg, St. Louis, Mo.

4337— *Engineers (Civil)

Alvord & Burdick (Consulting), S Dearborn, Chicago, Ill.
Atlas Engineering Co., Amherst, O.
See adv index at end of book
CHICAGO BRIDGE & IRON WORKS, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book
Freeland & Klyce Engng. Co., 65th & Casualty, Nashville, Tenn.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book

4338—*Engineers (Clay Products)

SCHAFFER ENGINEERING & EQUIPMENT CO. Tiffin, O.
See adv index at end of book

Engineers (Concrete Reinforced)

See Concrete Steel Construction, Reinforced

4339— Engineers (Efficiency)

Cathrae John H. & Son, Marquette bldg., Chicago, Ill.
Crosby Walter W., Munsey bldg., Baltimore, Md.
Emerson Co., 30 Church, New York.
Estes L. V. Inc., 332 S. Michigan av, Chicago, Ill.
Green Samuel M. Co., Inc., Springfield, Mass.
Jaquith Machinery Bureau, Inc., 100 Purchase, Boston, Mass.
KNAPP ARTHUR ENGINEERING CORP., 30 Church, New York
See adv index at end of book
Miller Franklin Bassett & Co., 347 Madison av, New York
Morrison Jos. E. Co., Penobscot bldg, Detroit, Mich.
Scientific Materials Co., 717 Forbes, Pittsburgh, Pa.

4340—Engineers (Inspecting & Testing)

See also Laboratories, Testing

Allentown Testing Laboratory, Allentown, Pa.
American Bureau of Inspections & Tests, Monadnock blk, Chicago, Ill.
Electrical Testing Laboratories, 80th & East End av, New York
Green Samuel M. Co., Inc., Springfield, Mass.
Gulick-Henderson Co., 21 Park Row, New York, & 525 3rd av, Pittsburgh, Pa.
Hildreth & Co. (Consulting, etc.), 15 Broad, New York
Hunt Robert W. & Co., 175 W Jackson blvd, Chicago, Ill.
KNAPP ARTHUR ENGINEERING CORP., 30 Church, New York
See adv index at end of book
Modjeski & Angier, 220 S Michigan av, Chicago, Ill.
Noble R. E. & Co., 785 Market, San Francisco, Cal.
Shoemaker F. A. (Consulting, etc.), Builders Exchange, Buffalo, N. Y.
Smith, Emery & Co., 651 Howard, San Francisco, Cal.

4340a—*Engineers (Macaroni Plant)

WERNER & PFLEIDERER CO., 1232 No. Niagara, Saginaw, Mich.
See adv index at end of book

Engineers (Marine)

See Architects, Naval

4341—*Engineers (Mechanical)

Atlas Engineering Co., Amherst, O.
See adv index at end of book
Beach Mfg. Co., Little bldg, Boston, Mass.
Central Machine Wks., 1911 N. 12th, St. Louis, Mo. *See adv index at end of book*
Freeland & Klyce Engng. Co., 65 Life & Casualty, Nashville, Tenn.
GRISCOM-RUSSELL CO. (Consulting & Contracting), 92 West, New York, & Massillon, O. *See adv index at end of book*
KNAPP ARTHUR ENGINEERING CORP., 30 Church, New York
See adv index at end of book
Meade Richard K., 202 N Calvert, Baltimore, Md.
Phillips Chas. S. (Consulting), Pacific Blk., San Francisco, Cal.
Sargent & Landy, 72 W Adams, Chicago, Ill.

4342—Engineers (Metallurgical)

American Incandescent Heat Co., 10 Post Office sq, Boston, Mass.
Amsler Walter O., Wabash bldg, Pittsburgh, Pa.
Bennetts B. H. (Specialty Copper), Tacoma, Wash.
Bierbaum-Dollar, Buffalo, N. Y.
Bradley Chas. S. & Sons, 41 Park row, New York
Brodie Walter M., 49 Cedar, New York.
Carmichael Henry, 88 Broad, Boston, Mass.
Carpenter Franklin R. & Sons, Denver, Col.
Constant C. L. Co. (Consulting), 42 New, New York
Detroit Testing Laboratory, 674 Woodward, Detroit, Mich.
Dorr Co. (Specialty, Cyandiation), 1009 17th, Denver, Col.
Dwight & Lloyd Metallurgical Co., 29 B'way, New York
Falkenburg & Laucks, Seattle, Wash.
Gulick-Henderson Co., 145 W 36th, New York
Hanson Henry, 85 2nd, San Francisco, Cal.
Hollis H. L., 122 S Michigan av, Chicago, Ill.
Indiana Laboratories Co., Inc., Hammond, Ind.
Kirby Edmund B., Security bldg, St. Louis, Mo.
Knox & Allen (Consulting), 17 Madison av, New York
Long Fred H. (Consulting), 29 S La Salle, Chicago, Ill.
Merrill Metallurgical Co., 121 2d, San Francisco, Cal.
Olcott & Corning, 36 Wall, New York
Oliver Edwin L., 503 Market, San Francisco, Cal.
Packard Geo. A., 50 Congress, Boston, Mass.
Peters Edw. D., 38 Percival, Boston, Mass.
Richardson Research Laboratory (Precious Metals), 1836 Euclid av, Cleveland, O.
Ricketts & Co., 80 Maiden la, New York
St. Louis Sampling & Testing Works, 713 Clark av. St. Louis, Mo.
Sauveur & Boylston (Metallurgy of Iron & Steel), Cambridge, Mass.
Schmatolla Ernst, 150 Nassau, New York
Simmonds E. H., Crocker bldg., San Francisco, Cal.
Souther Henry Eng. Corp. (Consulting), 111 Laurel, Hartford, Conn.
See adv index at end of book
Spilsbury E. Gylbon Engineering Co. (Consulting), 45 B'way, New York
Tropenas Converter Co. (Consulting), 2243 Nostrand av, New York
Wilson Elwood J., Goldfield, Nev.

4343— Engineers (Mill)

See also Architects & Engineers for Paper Mills

American Machine & Mfg. Co., Greenville, S. C.
Baxter A. E. Engineering & Appraisal Co. (Flour & Cereal Mill Const.), Buffalo, N. Y.
Bigelow Wm. Co., Biddleford, Me.
Brown John G., Witherspoon bldg, Phila., Pa.
Buss Edw. A., 85 Water, Boston, Mass.
Carey James L., 208 N Laramie av, Chicago, Ill.
Case Willard Co., 17 Battery pl, New York
Chapman C. A., 28 Jackson blvd, E, Chicago, Ill.
Chase & Howland, New Bedford, Mass.
Clark Earl S. & Co., Turks Head bldg, Providence, R. I.
Coolidge Roger E., Southbridge, Mass.
Dean F. W., 53 State, Boston, Mass.
Dyer W. E. S., Land Title bldg, Phila., Pa.
Emory & Eisenbrey, Harrison bldg, Phila., Pa.
Ferguson Hardy S. (Consulting), 200 5th Ave., New York.
Fletcher Thompson, Inc., Bridgeport, Conn.
Frenter Maxime O., 583 Union, Springfield, Mass.
Gray Arthur F., 53 State, Boston, Mass.
Griffin Chas., 121 S Walker, Lowell, Mass.
Hardy Geo. F. (Paper Mills, etc), 309 B'way, New York
Hooper-Falkenau Engng. Co., Woolworth bldg, New York
Hutchens Edward (Rubber), 866 Superior, Milwaukee, Wis.
Jones E. D. & Sons Co., Pittsfield, Mass.
Kimball F. J. Co., 1860 E 15th, Los Angeles, Cal.
Kimball Herbert S. (Rubber & Paper Mills, etc), 111 Devonshire, Boston, Mass.
Keating & Black, Inc., Wabash bldg, Pittsburgh, Pa.
Kitfield Edw. H., 85 Waters, Boston, Mass.
Kimberly C. B. Co., Wheeling, W. Va.
Lane H. M. Co. (Consulting), Owen bldg, Detroit, Mich.
Lockwood, Greene & Co., 30 Federal, Boston, Mass.
McIntosh Samuel Froser, Turks Head bldg., Providence, R. I.
Main C. T., 201 Devonshire, Boston, Mass.
Makepeace C. R. & Co., 429 Butler Exch., Providence, R. I.
Meade Richard K., 202 N Calvert, Baltimore, Md.
Mortensen & Co., 405 Lexington av, New York
Moulton Engineering Corp. (Paper & Pulp), 534 Congress, Portland, Me.
Newhall Engineering Co. (Paper & Pulp Mills, Sugar Refineries, Cement Plants, etc.), 149 B'way, New York
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Osborn Engineering Co., 2848 Prospect av, Cleveland, O.
Peuckert & Wunder, 310 Chestnut, Phila., Pa.
Potter Alexander, 50 Church, New York
Praray Chas. W., Times bldg., New Bedford, Mass.
Read-Dresser Engng. Co., 149 B'way, New York
Richmond Knight C., 10 Weybosset, Providence, R. I.
Reidpath Robert J. & Son, Builders Exch., Buffalo, N. Y.
Sadtler P. B. (Paper & Pulp), 53 W Jackson blvd, Chicago, Ill.
Sawyer Edw. G. Co., 12 Providence court, Boston, Mass.
Seabury Dwight, 12 East av, Pawtucket, R. I.
Sellers Philip, 207 Orange, New Haven, Conn.
Sheldon Frank P. & Sons, Ind. Tr. bldg, Providence, R. I.
Simons V. D., 39 S La Salle, Chicago, Ill.
Sirrine J. E. Greenville, S. C.
Smith & Henson, 10th & Westmoreland, Phila., Pa.
Snow S. M., 55 Kilby, Boston, Mass.
Spackman Henry S. Engineering Co., 2024 Arch, Phila., Pa.
Spratt A. D., East Corinth, Me.
Stebbings W. L. (Consulting), Monadnock blk, Chicago, Ill.
Stebbins Engineering & Mfg. Co., Watertown, N. Y.
Tomlines Thos. L. (Consulting), Watertown, N. Y.
Tracy Engineering Co., Sheldon bldg, San Francisco, Cal.
Van Neuren & Warren (Cotton Seed Oil Mills), Birmingham, Ala.
Wallace Jos. H. & Co., 5 Beekman, New York
Westinghouse Church Kerr & Co., 37 Wall, New York
Whipple Eugene B., 17 Exchange, Providence, R. I.
Wolf Otto C. (& Brewery), Deuckla bldg, Phila., Pa.
Ziroli O. C. S., 306 Main, Worcester, Mass.

4344—Engineers (Modernizing)

American Rotary Pump Co. (Power Transmission), 67 Hampden, Boston, Mass.
Bierbaum-Dollar, Inc., Buffalo, N. Y.
Day & Zimmermann (Of Power & Manufacturing Plants), 611 Chestnut, Phila., Pa.
Green Samuel M. Co., Inc., Springfield, Mass.
Knowles Morris, Oliver bldg, Pittsburgh, Pa.
Waldron F. A., 37 Wall, New York

4345— Engineers (Pipe Mill)

Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

4345a—Engineers (Production)

KNAPP ARTHUR ENGINEERING CORP., 30 Church, New York
See adv index at end of book

4345b— *Engineers (Radio)

Cutting & Washington, Inc., 26 Portland, Cambridge, Mass.
See adv index at end of book

4346—Engineers (Refrigeration)

Armstrong Machinery Co., Spokane, Wash.
Comstock C. B., 110 W 40th, New York
Cooper Madison Co. ("Cooper" System), Calcium, N. Y.
Hastings Industrial Co., 326 W Madison, Chicago, Ill.
Hettinger C. F. & Co., Boston, Mass.
Jarvis Engineering Co., 261 Franklin, Boston, Mass.
Johns H. W.-Manville Co., Madison av & 41st, New York
Refrigeration Engineering Co., Factories bldg, Toledo, O.
McINNES CHAS. E. & CO., Mariner & Merchants bldg, Phila., Pa.
Tait & Nordmeyer Eng. Co., International Life bldg, St. Louis, Mo.

Engineers (Reinforced Concrete)

See Concrete Steel Construction, Reinforced

4346a—*Engineers (Rock Products)

SCHAFFER ENGINEERING & EQUIPMENT CO., The, Tiffin, O.
See adv index at end of book

4346b—Engineers (Sanitary)

Daly M. J. & Sons, Waterbury, Conn.

Engines

NOTE—In order to avoid duplications when addressing Engine Mfrs., address "Engines (Automobile)," "Engines (Steam)" and "Engines (Gas & Gasoline)" only, as all other Engine Lists are duplications of the above.

Engines (Aerial Navigation)

See Engines, Airplane.

Engines (Aeroplane)

See Engines, Airplane.

Engines (Air)

See Engines, Compressed Air

4347— Engines (Airplane)

Adams Co., Dubuque, Ia.
Aeromarine Plane & Motor Co., Times bldg., New York.
Aero-Motion Co. of America, Wright bldg, St. Louis, Mo.
Ashmusen Mfg. Co., 266 Pearl, Providence, R. I.
Burgess Co., Marblehead, Mass.
Burgess W. Starling Co. (Ltd.), Marblehead, Mass.
Cleveland Aero Motor Co., Cleveland, O.
Curtiss Aeroplane & Motor Corp., Buffalo, N. Y.
Dayton Aero Motors Co., Dayton, O.
Detroit Gas Turbine Corp., Detroit, Mich.
Duesenberg Motors Corp., Elizabeth, N. J.
General Ordnance Co., Derby, Conn.
General Vehicle Co. (G. V. Gnome), Long Island City, N. Y.
Gyro Motor Co., 744 Girard, N W, Washington, D. C.
Hall-Scott Motor Co., Inc. (Type A-7a 100 H. P.), Crocker bldg, San Francisco, Cal.
Harriman Motors Co., South Glastonbury, Conn.
Hercules Motor Mfg. Co., Canton, Ohio
Hettinger Engine Co., Bridgeton, N. J.
Jersey City Machine Co., 113 Plymouth, Jersey City, N. J.
See adv index at end of book
Kemp Machine Works, Muncie, Ind.
Knox Motors Co., Springfield, Mass.
Maximotor Co., 1530 Jefferson Ave. E, Detroit, Mich.
Nichols & Wright Motor Co., Buffalo, N. Y.
Nordyke & Marmon, 129 Kentucky av, Indianapolis, Ind.
Ordnance Engng. Corp., Equitable bldg., New York.
Packard Motor Car Co., Detroit, Mich.
Roberts Motor Co., Sandusky, O.
Rolls Royce, Ltd., 785 Fifth av, New York
Schmitt M. Aeroplane & Motor Wks., Paterson, N. J.
Sterling Engine Co., Buffalo, N. Y.
STURTEVANT B. F. CO., (Sturtevant") 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
Thomas-Morse Aircraft Corp., Ithaca, N. Y.
Trego Motors Corp., New Haven, Conn.
Union Gas Engine Co., Oakland, Cal.
United Eastern Aeroplane Corp., 1253 De Kalb Av., Brooklyn, N. Y.
Van Blerck Motor Co., Monroe, Mich.
Williams J. H. & Co. (Forgings), 31 Richards, Brooklyn, N. Y.
See adv index at end of book
Wisconsin Motor Mfg. Co., Milwaukee, Wis.
Willys-Overland Co., Toledo, O.
Worlds Motor Co., Bloomington, Ill.
Wright-Martin Aircraft Corp., 60 B'way, New York.

4348— Engines (Alcohol)

Challenge Co., Batavia, Ill.
Charter Gas Engine Co., Sterling, Ill.
Detroit Engine Works (2 to 20 H. P.), Detroit, Mich.
Detroit Motor Car Supply Co. ("Sandow" 2 to 20 H. P.), Detroit, Mich.
Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
International Harvester Company of America (Inc.) (Mogul-Titan), Harvester bldg, Chicago, Ill.
Lauson-Lawton Co., De Pere, Wis.
Middletown Machine Co., Middletown, O.
New Way Motor Co. ("New Way" Air Cooled), Lansing, Mich.
Otto Gas Engine Works, 33rd & Walnut, Phila., Pa.
Standard Motor Construction Co., Jersey City, N. J.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

Engines (Artesian Well)

See Pumps, Artesian Well

Engines (Automatic)

See Engines, Steam, with the word "Automatic," etc, following Name

4349— Engines (Automobile)

American & British Mfg. Co., Charles, Providence, R. I.
Aurora Automatic Machinery Co. ("Capitol," Gasoline), 1307 S Michigan av, Chicago, Ill.
Auto Engine Works (Gasoline), University & Griggs, St. Paul, Minn.
Bay State Motor Works (Gasoline), Holyoke, Mass.
Beaver Mfg. Co. ("Beaver," Gasoline), 1st & Oklahoma av, Milwaukee, Wis.
Boss Knitting Machine Works (Steam), Reading, Pa.
Brennan Motor Mfg. Co. (Gasoline), Syracuse, N. Y.
Buffalo Gasoline Motor Co., Buffalo, N. Y.
Chadwick Engineering Works ("Chadwick," Gasoline), Pottstown, Pa.
Clark Edw. S. (Steam), Boston, Mass.
Clinton Walter R., West Haven, Conn.
Continental Motor Mfg. Co. (Gas), Muskegon, Mich.
Cushman Motor Works (For Railways), Lincoln, Neb.
Davis Mfg. Co., Milwaukee, Wis.
Driggs Mfg. Corp., New Haven, Conn.
Falls Motors Corp., Sheboygan Falls, Wis.
Forsyth W. & Sons Co. (Gasoline), Lynn, Mass.
Gemmer Mfg. Co., Detroit, Mich.
Hatcher Auto Parts Co. (Gasoline), Cleveland, O.
Hercules Motor Mfg. Co., Canton, O.
Herschell-Spillman (Gasoline), N. Tonawanda, N. Y.
Hoosier Motor Co., Goshen, Ind.
Hubbard Motor Co., Middletown, Conn.
Jersey City Machine Co., 113 Plymouth, Jersey City, N. J.
See adv index at end of book
Lamson E. F. (Gasoline), Abington, Mass.
Lycoming Foundry & Machine Co. ("Lycoming" Gasoline), Williamsport, Pa.
Mitchell Motors Co., Inc., ("Mitchell" Gasoline), Racine, Wis.
Neustadt Auto & Supply Co. (Gasoline & Steam), 3200 Locust, St. Louis, Mo.
Nichols & Wright Motor Co., Buffalo, N. Y.
Northway Motor & Mfg. Co. (Gasoline), Detroit, Mich.
Ofeldt F. W. & Sons (Steam), Nyack, N. Y.
Port Huron Construction Co., Port Huron, Mich.
Reeves Pulley Co. (Gasoline), Columbus, Ind.
Roberts Motor Co., Sandusky, O.
Rochester Motors Co. (Gasoline, 20 to 75), Rochester, N. Y.
Rutenber Motor Co. ("Rutenber" Gasoline), Marion, Ind.
Schlosser Mfg. Co., 151 E 126th, New York
Seitz F. A. Co. (Gasoline), Newark, N. J. H. P.), Rochester, N. Y.
Universal Machinery Co., 784 30th, Milwaukee, Wis.
Waukesha Motor Co. (Auto Motors), Waukesha, Wis.
Williams J. H. & Co. (Forgings), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

4350— Engines (Beating)

Claflin Engine Co., Lancaster, O.
Clark H. C. & Son Machine Co., Lee, Mass.
Dayton Beater & Hoist Co., Dayton, O.
Dillon Machine Co., Lawrence, Mass.
Dilts Machine Works, Inc., Fulton, N. Y.
Downington Mfg. Co., East Downington, Pa.
Emerson Mfg. Co. ("Emerson"), Lawrence, Mass.
Holyoke Mach. Co., Holyoke, Mass.
Horne J. H. & Sons Co., Lawrence, Mass.
Jones E. D. & Sons Co., Pittsfield, Mass.
McKim Foundry & Machine Co. (Miniature for Laboratories, Chemists, etc), Lockport, N. Y.
Mills Machine Co., Lawrence, Mass.
Noble & Wood Machine Co., Hoosick Falls, N. Y.
Valley Iron Works Co., Appleton, Wis.

4351— Engines (Blowing)

ALLIS-CHALMERS MFG. CO. ("Allis," Horizontal or Vertical), Milwaukee, Wis. *See adv index at end of book*
American Ship Building Co., ft of W 54th, Cleveland, O.
Bruce-Macbeth Engine Co., Cleveland, O.
HOOVEN, OWENS, RENTSCHLER CO., Hamilton, O. *See adv index at end of book*
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Lane & Bodley Co., Tenn. av & Paddock rd, Cincinnati, O.
Mackintosh, Hemphill & Co. (Horizontal & Vertical, Compound or Simple), Pittsburgh, Pa.
Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book
Morris I. P. Co., Beach & Ball, Phila., Pa.
National Foundry & Mach. Co., Louisville, Ky.
Nordberg Mfg. Co., Chicago & Oklahoma av, Milwaukee, Wis.
Perrin Wm. R. & Co. (Direct Acting), Old Colony bldg, Chicago, Ill.
Weimer Machine Works Co. (High Pressure), Lebanon, Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

4352—*Engines (Bridge Erecting)

See also Engines, Hoisting

Byers Jno. F. Machine Co., 242 So. Sycamore, Ravenna, O.
See adv index at end of book
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
LIDGERWOOD MFG. CO., 96 Liberty, New York. *See adv index at end of book*

4353— *Engines (Cableway)

LIDGERWOOD MFG. CO., 96 Liberty. New York. *See adv index at end of book*
STREET BROS. MACHINE WKS., Cattanooga, Tenn. *See adv index at end of book*

Engines (Chemical)

See Fire Engines, Chemical; also Fire Extinguishers

4354— Engines (Churn Drill)

CLYDE IRON WORKS ("Misaba," Reversible), Duluth, Minn. *See adv index at end of book*
Lake Shore Engine Works, Marquette. Mich.
National Iron Co. ("Evered"), Duluth. Minn.

4355— Engines (Compound)

Buckeye Engine Co., Salem, O.
Cooper C. & G. Co., Mt. Vernon, O.
ELLICOTT MACHINE CORP. (& Triple Expansion), Bush & Severn, Baltimore, Md. *See adv index at end of book*
Erie City Iron Works (4-Valve Tandem & Cross), Erie, Pa.
Fitchburg Steam Engine Co., Fitchburg, Mass.
Harrisburg Foundry & Machine Works (Single Cylinder, as well as Tandem & Cross Compound), Harrisburg, Pa.
HOOVEN, OWENS, RENTSCHLER CO., Hamilton, O. *See adv index at end of book*
Lane & Bodley Co., Tenn. av & Paddock rd, Cincinnati, O.
Mackintosh-Hemphill & Co. (Cross Compound, Tandem, Rolling Mill, etc.), Pittsburgh, Pa.
Mesta Machine Co., Pittsburgh, Pa. *See adv index at end of book*
Morris Machine Works (60 to 1000 H. P.), Baldwinsville, N. Y.
Murray Iron Works Co., Burlington, Ia.
Nagle Corliss Engine Works, Erie, Pa.
Rumley Leo Tractor Co. ("Advance"), La Porte, Ind.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

4356-7-8—Engines (Compressed Air)

See also Compressors, Air
Dake Engine Co., Grand Haven, Mich.
DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*
Gardner Governor Co., 14 Williamson, Quincy, Ill.
Ingersoll-Rand Co. (For Cranes), 11 B'way. New York *See adv index at end of book*
Quincy Engine Co., Chambersburg, Pa.

4359— Engines (Corliss)

ALABAMA.

BIRMINGHAM—Birmingham Machine & Fdry. Co.
Hardie, Tynes Mfg. Co. (50 to 5000 H. P.)

CALIFORNIA.

SAN FRANCISCO—Golden State & Miners' Iron Works, 249 1st
Hendy Joshua Iron Works, 75 Fremont
Union Iron Works Co. (100 to 3000 H. P.), 20th & Michigan

CONNECTICUT.

BRIDGEPORT—American & British Mfg. Co.
NEW HAVEN—Twiss Nelson W.

DELAWARE.

WILMINGTON—Remington Machine Co., 411 E Front

ILLINOIS.

CHICAGO—**ALLIS-CHALMERS MFG. CO.** ("Reynolds Corliss"), Peoples Gas bldg. *See adv index at end of book*
American Brake Shoe & Fdry Co., 332 S Michigan av
JOLIET—Bates Machine Co. (50 to 5000 H. P.)
MATTOON—Chuse Engine & Mfg. Co. ("Chuse" Non-Releasing 75 to 1200 H. P.)

INDIANA.

FORT WAYNE—Brass Foundry & Machine Co. (30 to 3000 H. P.)

IOWA.

BURLINGTON—Murray Iron Works Co.

KANSAS.

KANSAS CITY—Strait H. N. Mfg. Co.

MASSACHUSETTS.

FITCHBURG—Fitchburg Steam Engine Co.

MICHIGAN.

MARQUETTE—Lake Shore Engine Works (Stationary & Hoisting)
SAGINAW—Bartlett A. F. & Co. (50 to 1000 H. P.)

MISSOURI.

ST. LOUIS—St. Louis Iron & Machine Works (Single, Tandem & Cross Compound, Heavy Duty & Girder Frame, 50 to 3000 H. P.), 126 Chouteau av

NEW JERSEY.

HOBOKEN—Consolidated Iron Works
NEWARK—Hewes & Phillips Iron Works, 8 Orange (50 to 2000 H. P.)
Watts-Campbell Co., 298 Ogden (40 to 1000 H. P.)

NEW YORK.

CATSKILL—Catskill Foundry & Machine Co.
NEW YORK—**ALLIS-CHALMERS MFG. CO.** ("Reynolds Corliss"), 30 Church *See adv index at end of book*
American Brake Shoe & Foundry Co., 30 Church *See adv index at end of book*
TROY—Knowlson & Kelley Co. (40 to 2000 H. P.)
OLEAN—Clark Brothers Co. (High Speed)

OHIO.

CINCINNATI—Lane & Bodley Co. (50 to 5000 H. P.), Tenn av & Paddock rd
HAMILTON—**HOOVEN OWENS, RENTSCHLER CO.** ("Hamilton," 30 to 10,000 H. P. *See adv index at end of book*
MT. VERNON—Cooper C. & G. Co. (150 to 10000 H. P., Heavy Duty)
ZANESVILLE—Griffith & Wedge Co. (" Ohio")

PENNSYLVANIA.

CHESTER—Wetherill Robt. & Co. (25 to 2000 H. P.)
ERIE—Ball Engine Co. (Horizontal & Vertical, 300 to 1200 H. P.)
Nagle Corliss Engine Wks (17 to 2000 H. P.)
HARRISBURG—Harrisburg Foundry & Machine Works ("Fleming," 4-Valve Automatic)
PITTSBURGH—Mackintosh, Hemphill & Co. (Rolling Mill)

Steam Engines

Corliss and Piston Valve Types

UNA-FLOW TYPE (Stumpf Patents)

Blowing, Hoisting, Reversing and Power Engines

(Write for Bulletin A)

MESTA MACHINE COMPANY
PITTSBURGH, PA., U. S. A.

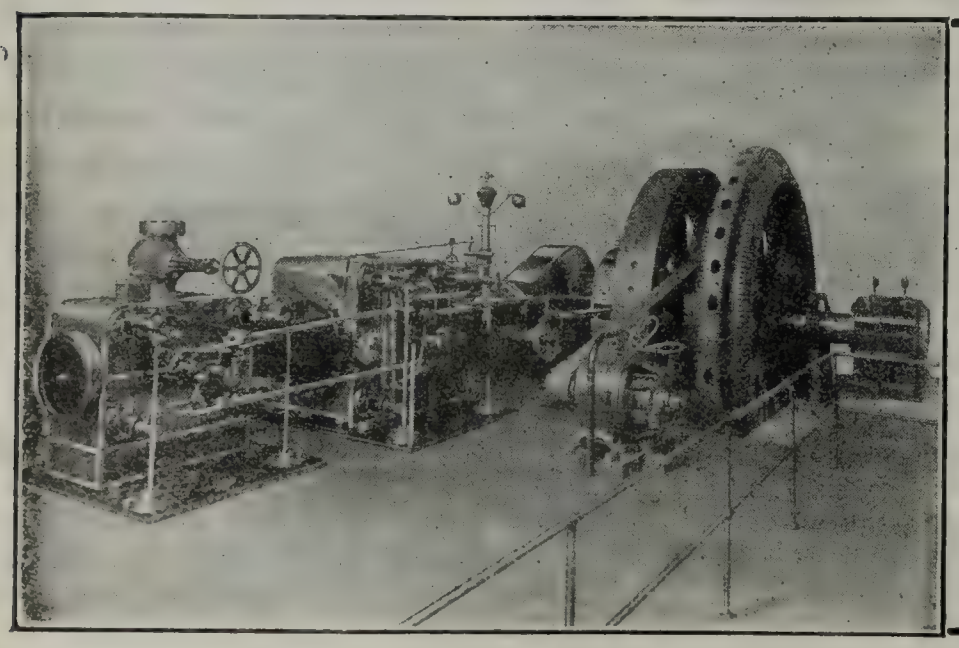
RIDGWAY—Ridgway Dynamo & Engine Co.
SCOTTDALE—Scottdale Machine & Mfg. Co.
WAYNESBORO—Frick Co. ("Eclipse")

RHODE ISLAND.

PROVIDENCE—American & British Mfg. Co., Charles
Harris-Corliss Engine & Machine Co. (Cross & Compound Condensing & Triple Expansion, etc), Park
Providence Engineering Works ("Rice & Sargent"), 521 So Main

TENNESSEE.

JACKSON—Southern Engine & Boiler Works



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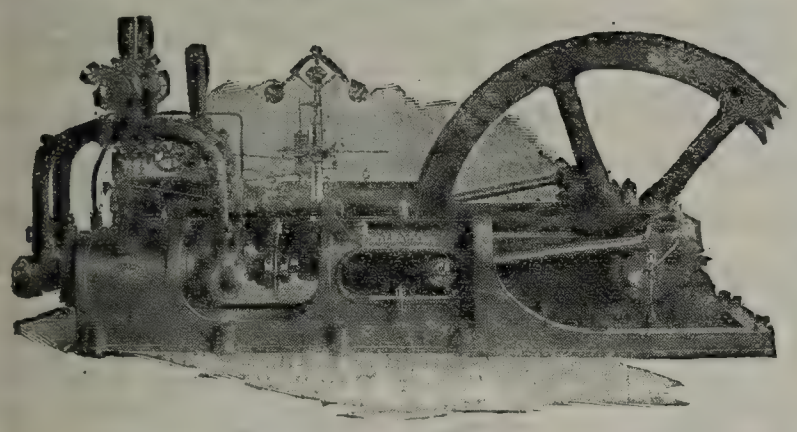
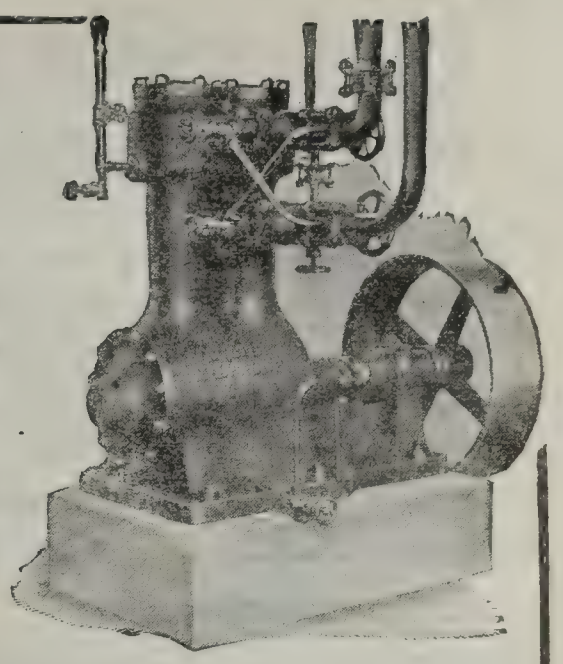

Horizontal Double-Acting Refrigerating Machine Driven by Corliss Engine


Vertical Single-Acting Ammonia Compressor

WISCONSIN.

MILWAUKEE—**ALLIS-CHALMERS MFG. CO.** ("Reynolds-Corliss")
See adv index at end of book
Filer & Stowell Co. (Heavy Duty)
Nordberg Mfg. Co.
VILTER MFG. CO. (30 to 1000 H. P.), 1046 Clinton
See adv index at end of book

Engines (Deck)

See Hoists, Dock & Deck

4360— Engines (Dental)

Butler-Edwards Electric Co., Easton, Pa.
Ritter Dental Mfg. Co. ("Ritter" Electric), Rochester, N. Y.
Shelton Electric Co., 30 E 42d. New York
White S. S. Dental Mfg. Co., 12th & Chestnut, Phila., Pa.

4361—Engines (Direct Connected & Belted)

See also Generators, Electric Light; also Generators, Power
Buckeye Engine Co. (Gas or Steam), Salem, O.
HOOVEN, OWENS, RENTSCHLER CO., Hamilton, O.
See adv index at end of book
Pittsburgh Model Engine Co. (4 & 6 Cylinder Vertical), Pittsburgh, Pa.
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., THE, East Pittsburgh, Pa.
See adv index at end of book

4362— Engines (Distillate)

Alamo Mfg. Co., Hillsdale, Mich.
American Gas Engine Co.. ("Weber" 2-400 H. P.), Kansas City, Mo.
Armstrong Mfg. Co., Waterloo, Ia.
Bauer Machine Works Co., Kansas City, Mo.
Charter Gas Engine Co., Sterling, Ill.
Detroit Motor Car Supply Co., Detroit, Mich.
Doak Gas Engine Co., Oakland, Cal.
Ellis Engine Co. ("Ellis" 3 to 12 H. P.), 2843 E Grand blvd, Detroit, Mich.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Faultless Engine Co., 1511 Cypress av, Kansas City, Mo.
Foos Gas Engine Co., 800 Monroe, Springfield, O.
Fuller & Johnson Mfg. Co., Madison, Wis.
Hope Forge & Machine Co. ("Reeves"), Mount Vernon, O.
International Harvester Company of America (Inc.) (Mogul-Titan), Harvester bldg, Chicago, Ill.
Lauson-Lawton Co., De Pere, Wis.
Middletown Machine Co., Middletown, O.
Muncie Oil Engine Co., Muncie, Ind.
National Steam Pump Co. (8 to 60 H. P.), Upper Sandusky, O.
Otto Gas Engine Works, 33d & Walnut, Phila., Pa.
Power Mfg. Co. (15 to 150 H. P.), Marion, Ohio
Quincy Engine Co., Chambersburg, Pa.
Rawleigh W. T., Freeport, Ill.
Rumely Leo Tractor Co. (30 to 60 H. P.), La Porte, Ind.
St. Marys Machine Works, St. Marys, O.
Superior Gas Engine Co., Springfield, O.
Union Tool Co. ("Ideal"), Los Angeles, Cal.
Waterloo Gasoline Engine Co., 625 Miles, Waterloo, Ia.
Witte Engine Wks. (Gas, Gasoline Kerosene), 16th & Oakland, Kansas City, Mo.

4363—*Engines (Drawbridge)

LIDGERWOOD MFG. CO., 96 Liberty, New York. *See adv index at end of book*

4364— *Engines (Dredging)

See also Engines, Hoisting
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
ELLICOTT MACHINE CORP., Bush & Severn, Baltimore, Md.
See adv index at end of book
Jennings Pump & Dredge Co., 305 N. Michigan Av., Chicago, Ill.
LIDGERWOOD MFG. CO., 96 Liberty, New York. *See adv index at end of book*
STREET BROS. MACHINE WORKS, Chattanooga, Tenn.
See adv index at end of book

4365—Engines (Drilling, Oil & Gas Well)

American Gas Engine Co. ("Weber"), 11th & Winchester av, Kansas City, Mo.
American Well Works, Aurora, Ill.
See adv index at end of book
Armstrong Mfg. Co., Waterloo, Ia.
Lucey Mfg. Corp. of Tenn., Chattanooga, Tenn.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Struthers-Wells Co., Warren, Pa.
See adv index at end of book
Union Tool Co. ("Ideal"), Los Angeles, Cal.

4366—Engines For Fan Driving, Etc

Brownell Co., Dayton, O.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Green Fuel Economizer Co., Beacon, N. Y.
Lane & Bodley Co., Tenn. av & Poddock rd, Cincinnati, O.
New York Blower Co., Archer Av. & Canal, Chicago, Ill.
Ridgway Dynamo & Engine Co., Ridgway, Pa.
St. Marys Machine Works (Gas & Gasoline), St. Marys, O.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

4366a— *Engines (Fuel Oil)

CHICAGO PNEUMATIC TOOL CO., ("Giant") Fisher bldg., Chicago, Ill.
See adv index at end of book

4367—*Engines (Gas Power)

MESTA MACHINE CO., Pittsburgh, Pa.
See adv index at end of book

PATENTS

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4368—Engines (Gas & Gasoline)

See also Engines, Marine, Gasoline

ALABAMA.

BIRMINGHAM—American Blakeslee Mfg. Co. (Gas), 54th & 1st av
American Blakeslee Mfg. Co. (Stationary & Portable, 3 to 25 H. P.)

CALIFORNIA.

BERKELEY—Jackson Byron Iron Works
LOS ANGELES—Commercial Engine Co. (Gas)
Stearns Gas Engine Works (Gas)
Union Tool Co. ("Ideal" 15 to 50 H.P.)
Western Gas Engine Corp. (7 to 500 H. P.)
OAKLAND—Atlas Imperial Gas Engine Co. (Gas)
Atlas Imperial Engine Co.
Doak Gas Engine Co.
Gorham Engineering Co. (Marine & Stationary Gas)
Standard Gas Engine Co.
Union Gas Engine Co. (Gas & Oil), East Oakland
SAN FRANCISCO—Corliss Gas Engine Co. (Stationary & Marine), 440 Market.
Dundon's Iron Wks., 225 Folsom
ENTERPRISE FDY. CO., 65 Market
Garratt W. T. & Co., 299 Fremont
Golden State & Miners' Iron Works (Gas & Gasoline), 249 1st

SAN FRANCISCO—continued
- Hicks Jas. L. (Gas, etc), 967 Howard
- Hobron Thos. W. (Gas), Lick bldg.
- Imperial Gas Engine Co. (Gas), 60 Clementina
- Ohmen Engine Works, 17th & Capp
- **PACIFIC PUMP & SUPPLY CO.** (Pumps, Windmills, Gasoline Engines, & Water Supply Goods), 835 Folsom
- **Schilling Adam & Sons (Gas & Gasoline), 211 Main**
- Standard Gas Engine Co. (Gas), 440 Market.
- **Union Gas Engine Co. ("Union"), 24 California**
- Union Iron Works Co., 20th & Michigan
- Western Gas Engine Corp., Rialto bldg.
- **Woodin & Little (Gas & Gasoline), 33 Tremont**

STOCKTON—Samson Iron Works (Gas)

CONNECTICUT.

BRIDGEPORT—American & British Mfg. Co. (Gas or Gasoline in Quantities Only)
- Automatic Machine Co. (Marine)
- Black Rock Mfg. Co. (Twin Screw Type)
- Bridgeport Motor Co. (Gasoline Motors)
- Fairfield Auto Co. (Gasoline Motors).
- Standard Oil Engine Co. (Marine Gasoline)
- **Wheeler Engine Works (Gas & Gasoline)**
- Wolverine Motor Works ("Wolverine" Marine 18 to 100 H. P.)

CENTERBROOK—Connecticut Valley Mfg. Co. (Gasoline Marine)

COSCOB—Palmer Bros. (Gasoline)

HARTFORD—Gray & Prior Machine Co. (Marine)

MIDDLETOWN—Frisbie Motor Co.
- Hubbard Motor Co. (2 & 4 cycle)

MYSTIC—Lathrop J. W. Co. (Stationary & Marine, 1½ to 25 H. P., Gas & Gasoline)

NEW BRITAIN—Kinne W. A.

NEW HAVEN—Driggs Mfg. Corp. (Automobile & Marine, Gasoline)

NEW LONDON—New London Motor Co. (Gasoline)

NORWALK—Barker C. L. (Gas)

SEYMOUR—Church S. B. (Gas & Gasoline)

STAMFORD—Muench George (Gasoline)
- Stamford Motor Co. ("Snecker" Gasoline)

STONY CREEK—Beach Oliver B. (Gas & Gasoline)

DELAWARE.

WILMINGTON—Harris Engine Co. ("Harris" Gasoline, 5 to 200 H. P.) Front & Orange.
- Jones & Schumacher, 1100 West
- Trump Bros. Machine Co. (Marine), Beech & Anchorage

FLORIDA.

JACKSONVILLE—Gibbs Gas Engine Co. of Fla.

GEORGIA.

WINDER—Woodruff Machinery Mfg. Co. (2 to 4 H. P.)

ILLINOIS.

BATAVIA—Appleton Mfg. Co. ("Appleton" Gasoline)
- Challenge Co. ("Challenge" & "Dandy")

BELLEVILLE—Harrison Machine Wks. ("Jumbo")

CHICAGO — Accurate Engineering Co., 5401 Western av blvd
- Aermotor Co. ("Aermotor"), 1146 S Campbell av
- Acme Steel Goods Co., 2834-2840 Archer av
- Alexander & Cox Co., 2358 Ogden av
- **ALLIS-CHALMERS MFG. CO.** ("Allis" Gas Only), Peoples Gas bldg *See adv index at end of book*
- Anderson Engine Co. (Marine & Tractor 2½ to 150 H. P.), 4036 N Rockwell
- **CHICAGO PNEUMATIC TOOL CO.,** Fisher bldg *See adv index at end of book*
- Colborne Mfg. Co. (Gas), 157 W Division
- **Fairbanks, Morse & Co. ("Z" Gas & Gasoline, for All Purposes), 900 S Wabash av**
- **Hydraulic Engineering Works, 708 Fulton**
- International Harvester Company (Inc.) (Mogul-Titan), Harvester bldg
- **Kling Bros. Engineering Works (Gas & Gasoline, 2 to 40 H. P.), 1304 Kingsbury**
- Kuhnert L. C., Jr., Co. (Gas), 139 N Wabash av
- **Lammert & Mann (Gas & Gasoline), 221 N Wood**
- Lennox Machine Co., 2558 W. 16th.
- McDonald A. H. (Gas), 547 W Monroe
- Murray W. B. (Gas & Gasoline), N Winchester & Wabansia avs
- Smith Mfg. Co. (Gas), 161 W Harrison

DECATUR—Leader Iron Works.

DE KALB—Haish Jacob Co. (Gasoline).

DIXON—Clipper Lawn Mower Co. ("Clipper," Gasoline, Marine & Stationary)

EAST MOLINE—Root & Vandervoort Engineering Co. ("R. & V.," "Triumph," Gas & Gasoline)

ELGIN—Elgin Wheel & Engine Co. ("Redemotors" Small Gas Engines)

FREEPORT—Freeport Gas Machine Co. (Gas)
- Rawleigh W. T. ("R. S." Gasoline)
- Rawleigh W. T. Co.
- Stover Engine Works ("Stover," Gasoline, 1 to 60 H. P.)
- Woodmanse Mfg. Co. ("Mogul")

GALENA—Westwick John & Son

GALESBURG—Wenzelman Mfg. Co. (Gasoline)

HAVANA—Havana Mfg. Co. ("Havana," "Red & Ready")

JOLIET—Buckeye Engine & Foundry Co. ("B. & B.")

KEWANEE—Kewanee Private Utilities Co., West Side

POLO—Polo Machine Co. (Gas)

QUINCY—Quincy Motor Co.

ROCKFORD — Emerson-Brantingham Co. ("Emerson," Portable & Stationary)
- Savage & Love Co. (Gas & Gasoline)

SANDWICH—Sandwich Mfg. Co.

STERLING—Charter Gas Engine Co. (Gas & Gasoline)

URBANA—Leavitt Mfg. Co. ("Success," Gasoline)

WARNER—Warner Elevator Mfg. Co. ("Warner," Gasoline)

INDIANA.

ANDERSON—Buckeye Mfg. Co. ("Lambert," ½ to 40 H. P.)
- Dice Machine Co. ("Anderson," "Westerfield," "Dice")
- Lambert Gas Engine Co. (Gas), 1801-1809 Columbus av
- Lambert Gas & Gasoline Engine Co.
- Reliable Machine Co. (Gas)

EVANSVILLE—Hercules Gas Engine Co. (Gas)

GOSHEN—Hoosier Motor Co.

HAGERSTOWN—Teeter - Hartley Motor Co. (Gasoline)

INDIANAPOLIS—Capital Gas Engine Co. ("Capital," "Gem")
- Spacke F. W. Machine Co. (Motorcycle Gasoline Only)

KENDALLVILLE—Flint & Walling Mfg. Co. ("F. & W.," Gasoline, 1½ to 25 H. P.)

LA PORTE — Advance - Rumely Co. ("Adams," "Falk," "Oil Turn," "Olds")

MARION—Marion Machine Foundry & Supply Co. (Self-Igniting)
- Rutenber Motor Co. ("Rutenber")

MISHAWAKA—Perkins Wind Mill Co. (2½ up to 20 H. P.)

MUNCIE—Keiser Geo. & Co. (Gasoline)

NEW ALBANY—Goetz-Coleman Mfg. Co. (Gas & Gasoline)

PLYMOUTH—Clizbe Bros. Mfg. Co.

IOWA.

CHARLES CITY—Charles City Engine Co.
- Hart-Parr Co. (Oil Cooled, Gasoline)
- Climax Engng. Co. (Gas)

COUNCIL BLUFFS—Walker Mfg. Co. ("Boss" Farmer)

DAVENPORT—Sebelin Engine Wks. (Gas)
- Interstate Tractor Co.

DES MOINES—Gibbons Mach. & Foundry Co.

INDEPENDENCE—Ideal Gas Engine Co. ("Ideal")

IOWA FALLS—Gade Bros. Mfg. Co. (Air Cooling, Gasoline)

MARSHALLTOWN—Lennox Machine Co. ("Lennox," "O. K.," "Standard," Stationary & Mounted), (See Chicago, Ill.)

NEWTON—One Minute Mfg. Co. (1½ H. P.)

OTTUMWA—Ottumwa-Moline Engine & Pump Co. ("Eli," "O. M.")

SIOUX CITY—Sioux City Engine & Machinery Co. ("Sioux")

WATERLOO—Armstrong Mfg. Co. (Gasoline)
- Associated Mfrs. Co. ("Amanco," "Busy Boy," "Chore Boy," "Hired Man," "Hired Hand," "Jack Boy," "Johnny Boy," "Six Mule Team," "Twelve Mule Team," Gasoline)
- Cement Tile Machinery Co. ("S. & S.")
- Ferguson Mfg. Co. ("Ferguson")
- Galloway Wm. Co. ("Galloway," Gasoline)
- Interstate Tractor Co.
- Iowa Gasoline Engine Co. (Gasoline)
- Waterloo Interstate Tractor Co. ("Plow Man" 13-30—15-30 Tractors, Gasoline)
- Waterloo Cement Machinery Corp.
- Waterloo Gasoline Engine Co. ("Waterloo Boy" Gasoline)

KANSAS.

KANSAS CITY—Badger Gas & Gasoline Engine Co. (1 to 4 H. P.)

OTTAWA—Union Foundry & Machine Co. ("Union Giant") (1½ to 6 H. P.)

KENTUCKY.

LOUISVILLE—Longest Bros. Co. (Gasoline)

OWENSBORO—Wright Machine Co., 321-405 E 2nd

WINCHESTER—Hagan Gas Engine Mfg. Co. (Gas)

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER

MAINE.

AUGUSTA—Fifield Bros. Co.

BATH—Bath Automobile & Gas Engine Co. (Gas)
- Torrey Roller Bushing Works

CAMDEN—Camden Anchor-Rockland Machine Co. ("Knox") (2 Cycle Stationary & Marine)

EAST BOOTHBAY—Boothbay Gas Engine Co.

MARYLAND.

BALTIMORE—Eisenbrandt F. B. (Marine, Gasoline), ft of Light
- Harms Bros. ("Eclipse," Marine), 1730 Thames
- Hollingsworth Wm., 229 N Holliday
- Page Eng. Co. ("Oriole" Gas & Gasoline), Clagett & Hull.
- White Chas. Gas Engine Co. (4 to 60 H. P.), So. Charles & Winder.

MASSACHUSETTS.

ABINGTON—Lamson E. F.

AMESBURY—Atlantic Boat Co. (Marine)

BOSTON—Blount Eng'ring Co. ("Blount") 100 High
- Jager Chas. J. Co. ("Jager," 4 Cycle Type, 3 to 60 H. P.), 13 Custom House
- Lunt, Moss Co. (Gas & Gasoline), 43 S Market
- Murray & Tregurtha Co., 340 W 1st

Neponset Engine & Machine Co. ("Plume," Marine & Stationary) Neponset.
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park
See adv index at end of book
FALL RIVER—Mechanics' Fdy. & Machine Co. ("Mechanics")
HOLYOKE—Bay State Motor Works
LOWELL—Heinze Electric Co.
LYNN—Essex Engine Co.
NEW BEDFORD—Chase & Houland
Sagamore Motor Wks. (Gas), 650 Summer
SALEM—Brown-Talbot Machinery Co.
Stanley Co. (Gasoline Marine Motors),
WOLLASTON—Emery V. J. (Marine, Gas)
WORCESTER—Adams Jno. J. (Gas & Gasoline)
Burlingame S. F. (Oil & Gasoline)

MICHIGAN.

BAY CITY—Smalley-General Co. (Gasoline, Marine)
COLDWATER—Regal Gasoline Engine Co. (Gasoline)
Beaver Engine Co. (Gas), 103 Meldrum av
DETROIT—Caille Perfection Motor Co. (Marine & Stationary Gasoline) 2d & Amsterdam
Carson Motor Co. (Gas), 654 Franklin
Concrete Form & Engine Co. (Marine & Stationary)
Detroit Engine Works (Gasoline, 2 to 20 H. P.)
Ellis Engine Co. (Stationary, 3 to 12 H. P.), 2843 E Grand blvd
Ford Motor Co. (2 & 4 Cylinder)
Gemmer Mfg. Co. (Gasoline, Auto, etc)
Gray Motor Co. (Gasoline, 1, 2 & 3 Cylinders, 3 to 30 H. P.), Oakland & McLean
Michigan Steel Boat Co.
Scripps Motor Co. (Marine), 629 Lincoln av
Strelinger Marine Engine Co.
GRAND RAPIDS—Grand Rapids Gas Engine & Yacht Co. ("Monarch")
Perkins & Co.
GREENVILLE—Moore Plow & Implement Co. ("Moore," "Sure Cool," Gasoline)
HILLSDALE—Alamo Mfg. Co. (Gas & Gasoline)
HOLLAND—Brownwall Engine & Pulley Co. (Air Cooled)
HUDSON—Hardie Mfg. Co. ("Hardie")
IONIA—Arnold's G. W. Son (Gasoline)
JACKSON—Field-Brundage Engine Wks. ("Field," "Field Type W," Gasoline)
LANSING—Acme Engine Co. (2½ to 15 H. P.)
Bates & Edmonds Motor Co. ("B. & E," "Bull Dog," also Direct Connected)
Brown Mach. & Engine Co. (Gas)
Gifford Engine Co. (1½ H. P.)
Ideal Engine Co.
Lansing Motor & Pump Co. (Gasoline)
New Way Motor Co. (Gasoline, 3½ to 7 H. P.)
Novo Engine Co. ("Novo," Water Cooled, Especially Adapted for Concrete Mixers, etc)
Original Gas Engine Co. ("Ideal")
United Engine Co.
LUDINGTON—Gile Tractor & Engine Co., (Marine & Stationary)
MARCELLUS—Chapman H. L. ("Chapman" "Economizer")
MARQUETTE—Lake Shore Engine Works ("New Superior" 2 & 4-Cycle)
MUSKEGON—Continental Motor Mfg. Co.
PETOSKEY—Burnett Foundry & Machine Works (Ltd.) (Marine & Stationary)
PORT HURON—Port Huron Construction Co. (Gasoline)
SAGINAW—Nelson Bros. Co. ("Jumbo," 1½ to 4½ H. P.)
Wilcox Motor & Mfg. Co.
ST. JOHNS—Farmers' Cement Tile Machine Co.
Richmond & Holmes (Gas & Gasoline)
THREE RIVERS—Sheffield Car Co.

MINNESOTA.

ALBERT LEA—Kemper-Odee Engine Co. ("Odee")
FAIRMONT—Fairmont Gas Engine & Ry. Motor Car Co. ("Fairmont," Gasoline & Kerosene)
FARIBAULT—Faribault Engine Mfg. Co.
MINNEAPOLIS—Diamond Iron Works (2 to 75 H. P.), 2nd & 18th av, N
Enterprise Machinery Co. ("Westman," Gasoline), 1118 S 3rd
Howell R. R. & Co., 31st Av.
Kinnard-Haines Co. ("Flour City"), 44th av N & Bryant
Minneapolis Steel & Machinery Co. ("Muenzel," Gas, 30 to 300 H. P.) 29th & Drexel.
Shadegg J. C. Engine Co., 315 S 3rd
RED WING—Red Wing Motor Co.
ST. PAUL—Auto Engine Works (Marine Gasoline), University & Griggs
Stickney Chas. A. Co. (Gas & Gasoline), Fillmore & Starkey
WINONA—Winona Machine & Boat Works (Motor Boat)

MISSOURI.

CLINTON—Industrial Iron Works ("Industrial")
KANSAS CITY—American Gas Engine Co. ("Weber," 2 to 400 H. P.)
Bauer Machine Works Co. ("Bauer," "Ever Ready," Up to 50 H. P.)
Faultless Engine Co., 1511 Cypress av
Kansas City Engine Works ("Elliott," Stationary, ⅛ to 8 H. P.)
Kansas City Hay Press Co. ("K. C." & "K. C., Jr.," "Lightning," Stationary & Portable)
ST. LOUIS—Mo. Engine Co. (Marine), St. Louis. Mo.
St. Louis Gas & Gasoline Engine Co. (Marine), 2615 De Kalb
Whitman Agricultural Co. (Gasoline, 1 to 10 H. P.), 7000 S B'way
KANSAS CITY—United Iron Works Co.

NEBRASKA.

BEATRICE—Dempster Mill Mfg. Co.
FREMONT—Fremont Foundry & Machine Co.
LINCOLN—Cushman Motor Works (4 H. P. 4-Cycle, Gasoline)
Ward Tractor Co.

NEW HAMPSHIRE.

LAKEPORT—McDuff Wm. J.

NEW JERSEY.

BLOOMFIELD—Empire Cream Separator Co. ("Empire," Two Cycle, 1½ to 3 H. P.)
BRIDGETON—Hettinger Engine Co.
HOBOKEN—Nilson-Miller Co.
JERSEY CITY—Craig James, Garfield av
Jersey City Machine Co., 113 Plymouth *See adv index at end of book*
Standard Motor Const. Co. (Marine, 8 to 1500 H. P.), 180 Whiton.
NEWARK—Backus Water Motor Co. (Gas & Gosline), 172 Penn av
Newark Gas Engine Co., 676 N 6th
PATERSON—Sipp Machine Co. (½ to 1 H. P.)
PENNSGROVE—Homan Vandever S.
TRENTON—Trenton Malleable Iron Co. ("Rice" 2 & 4-Cycle)

NEW YORK.

ADAMS—Frazer Bros. Co. (Marine)
AUBURN—Quick & Thomas Co.
BALLSTON SPA—Lackawanna Mfg. Co. "Lackawanna" Marine Engine)
BINGHAMTON—Canfield Gas Engine Co.
Deyo-Macey Engine Co. (Gas)
BUFFALO—Alberger Gas Engine Co. (4-Cycle, 2-Cylinder, Tandem Gas & Gasoline, 5 to 300 H. P.), 281 Chicago
Curtiss Aeroplane Co., ft. of Churchhill
Buffalo Engine Co. (Salisbury)
Buffalo Gasoline Motor Co.
Empire Machine & Stamping Co., 59 Terrace
Frontier Engine Works, 9 Perry.
Lazier Gas Engine Co. ("La Zier"), 190 Main.
Olin Gas Engine Co. ("Olin," Gas & Gasoline)
Peerless Marine Motor Co., 2150 Niagara
Ruger J. W. Mfg. Co. (Gas & Gasoline, 4-Cycle Compression Type, 5 to 100 H. P.)
Sterling Engine Co. (Gas)
CANASTOTA—Cady C. N. Co. (Marine)
DUNKIRK—Niagara Motors Corp. ("Niagara" Marine Motors)
ELMIRA—Field Force Pump Co. ("Leader")
FRANKFORT—Acme Road Machinery Co. (Gasoline)
GASPORT—Friend Mfg. Co.
GENEVA—Fay & Bowen Engine Co. (Gas & Gasoline, 2 & 4 Cycle Stationary & Marine)
GREENPORT—Gaffga J. S. & Co.
HAMMONDSPORT—Curtiss Aeroplane Co.
HOOSICK FALLS—Wood Walter A. Mowing & Reaping Machine Co. ("McVicker" Gasoline, Farm)
MALONE—Hinds Thomas Co. (Gasoline)
MORRISTOWN—Morristown Boat & Engine Co.
SARATOGA SPRINGS—Jacobson Gas Engine Co. (Gas & Gasoline)

NEW YORK CITY.

Borough of Brooklyn

BROOKLYN—National Meter Co., 1st av
Saladin Louis
Williams J. H. & Co. (Forgings), 31 Richards *See adv index at end of book*

Boroughs of Manhattan and Bronx.

NEW YORK—Allis-Chalmers Mfg. Co. ("Allis," Gas Only, Four-Cycle Double-Acting, 500 to 5,000 H. P.), 50 Church
Allman Gas Engine & Mach. Co., 461 Canal
Consoliated Gasoline Engine Co., 202 Fulton
FAIRBANKS CO., 416 Broome
For branch offices see Alphabetical Section
Dutcher Mach. Co., Inc.
Gas Engine & Power Co. (Chas. L. Seabury & Co. ("Speedway" Gasoline), Morris Heights
Homan J. & E. (Gas & Gasoline), 435 W B'way
National Meter Co. ("Nash" Gas & Gasoline), 299 B'way
New York Yacht, Launch & Engine Co. ("20th Century"), Morris Heights
Ransome-Leach Co. ("Oshkosh"), 115 B'way
Schlosser Mfg. Co. (Automobile & Marine), 151 E. 126th
Standard Gas Power Co., 17 Battery pl
Tirrill Gas Machine Lighting Co., 103 Park av
White Mfg. Co. ("The Craig," Gas & Gasoline), 556 W 34th
Wilhelmi Edgar A. Inc. (Gas), 90 West
WORTHINGTON PUMP & MACHY. CORP. ("American Crossley" Gas Engines), 115 B'way, New York
See adv index at end of book

(End of New York City)

NIAGARA FALLS—Goffin & Zeifang
NORTH TONAWANDA—Herschell-Spillman Co.
OGDENSBURG—Dunn Walter E. (1½ to 25 H. P.)
OLEAN—Clark Brothers Co. ("Bogart" Heavy Duty Double Cylinders Gas, 100 to 500 H. P.)
ROCHESTER—Beers Bros. (Gasoline)
Eldridge Engine Co., 109 Sibley block
Rochester Gas Engine Co.
Rochester Motors Co., 278 State.
Trebert H. L. F. Engine Works, ("Monarch")
SCHENECTADY—Westinghouse Co. ("Schenectady," "Westinghouse")
SYRACUSE—Barber Bros.
Leighton H. J.
Wonder Mfg. Co.
VERNON—Pohl Geo. D. Mfg. Co. ("Advance" Gasoline)
WELLSVILLE—Clark & Norton Mfg. Co.
McEwen Bros. (2 Cycle)

NORTH DAKOTA.

FARGO—Fargo Foundry Co. (Gasoline Only)

OHIO.

AKRON—Standard Pump & Engine Co. (Gas)
Star Drilling Machine Co. (4-Cycle, 5 to 15 H. P.)

OHIO—continued
BLUFFTON—Diller Mfg. Co.
BOWLING GREEN—Universal Machine Co. (Gasoline, Marine)
CANTON—Hercules Motor Mfg. Co. (Gasoline for Trucks, etc)
CINCINNATI—Berghausen Machine Co., 2128 Colerain av
Carlisle & Finch Co. (Generating Set) 229 E. Clifton Av.
Clifton Motor Works ("Clifton"), 229 E Clifton av
Diamond Machine Co., 3rd & Vine
Watkins Motor Co. (Gas & Gasoline), 828 W 6th
CLEVELAND—Bruce-Macbeth Engine Co. (8 to 300 H. P.)
Clay Engine Co., 6950 Kinsman rd.
Strong, Carlisle & Hammond Co., 336 Frankfort av, N. W.
Winton Engine Wks. (Gasoline-Marine, 75 H. P. up)
Wood & Spencer Co. (up to 5 H. P.)
COLUMBUS—Lowe Bros. Machine & Engine Works ("Lowe" Gas and Gasoline, 1½ to 400 H. P.)
Okey Mfg. Co. (Gas)
DAYTON—Callahan W. P. Co. (Up to 200 H. P.)
Dayton Pitless Scale Co.
Steiner M. & Co. (Gas)
DELAWARE—Cook Motor Co.
FINDLAY—Buckeye Traction Ditcher Co.
GALION—Galion Iron Works & Mfg. Co.
GREENVILLE—Ross Supply Co. (Gasoline)
Wogaman Bros. Co. ("Ritchie," "Hamilton," Gas & Gasoline)
HAMILTON—Advance Mfg. Co. ("Sure Go," "Wagaman," 6 to 35 H. P.)
Benninghofen C. Sons
HOOVEN, OWENS, RENTSCHLER CO. (Large Gas)
See adv index at end of book
LIMA—Buckeye Machine Co. (Gasoline, up to 12 H. P.)
Ohio Valley Supply Co. (Gas)
MARIETTA—Pattin Bros. Co. (12 to 100 H. P. Gas)
MASSILLON—Russell & Co. ("Boss" Traction)
MIDDLETOWN—Middletown Machine Co. ("Woodpecker," "Miami")
MOUNT GILEAD—Hydraulic Press Mfg. Co.
MOUNT VERNON—Cooper C. & G. Co. (150 to 3000 H. P. Gas Only)
Hope Forge & Machine Co.
Hope Engng. & Supply Co.
NAPOLEON—Heller-Aller Co.
Ragan-Brown Lange Co.
NEW LEXINGTON—Star Mfg. Co. ("Star")
PORTSMOUTH—Heer Engine Co. (2 to 16 H. P.)
Portsmouth Engine Co. ("New Era"), (10, 20, 30, 40 & 60 H. P.)
Reliable Engine Co. (Gas)
ST. MARYS—St. Marys Machine Works (2 to 500 H. P.)
SALEM—Buckeye Engine Co. (Gas Only; Horizontal, Single & Double Acting, Operated on Natural Producer & Artificial Gas, Direct Connected or Belted; H. P. Up)
SANDUSKY—Ohio Motor Co. (Heavy Duty Gasoline)
Roberts Motor Mfg. Co. (Gas)
Roberts Motor Co. (Marine Gasoline)
Vim Motor Co.
SPRINGFIELD—Bauroth Bros. ("Bauroth," "Scientific" Gas & Gasoline, 2 to 15 H. P.)
Foos Gas Engine Co. (Gasoline, 1½ to 325 H. P.), 800 Monroe
Miller Improved Gas Engine Co. (Heavy Duty Gas 35 to 250 H. P.)
Superior Gas Engine Co. ("Superior" Tandem, 100 to 200 H. P., Single Cylinder, 5 to 100 H. P.)
Superior Mfg. & Mill Co.
TOLEDO—Grasser Motor Co.
Jones S. M. Co. ("Ralco" 4 to 100 H. P.)
Rathbun-Jones Engineering Co. ("Rathbun" Vertical Gas Engine, 50 to 1200 H. P.), 841 Spencer.
TROY—Hobart Mfg. Co.

OKLAHOMA.

BARTLESVILLE—Frick-Reid Supply Co. ("Reid" Gas)
OKLAHOMA CITY—Rusler Corp., 119½ N B'way
TULSA—McEwen Mfg. Co., Tulsa, Okla.

OREGON.

PORTLAND—Columbia Gas Engine Co.

PENNSYLVANIA.

ALLENTOWN—Nadig Chas. H. Mfg. Co. (Gasoline)
BELLEFONTE—Bellefonte Engineering Co.
BLUE BALL—Blue Ball Machine Wks.
BRADFORD—Blaisdell Machinery Co (Gas)
Bovaird & Co. (Gas & Gasoline)
Boviard & Seyfang Mfg. Co.
Combination Engine & Compressor Co., (10 to 50 H. P.)
BUTLER—Evans Mfg. Co. (Ltd.)
Spang & Co.
CHAMBERSBURG—Quincy Engine Co.
DUBOIS—Dubois Iron Works ("Du Bois," 5 to 300 H. P.)
EAST PITTSBURGH—**WESTINGHOUSE ELECTRIC & MFG. CO.** (10 to 10,000 H. P.)
See adv index at end of book
EDDYSTONE—Pennsylvania Iron Works Co.
EMIGSVILLE—National Tubular Axle Co. (Marine)
ERIE—Erie Forge Co.
Fulton Mfg. Co. (Marine)
Grace E. J., 2811 Raspberry (Gas)
Nagle Corliss Engine Works.
Samson Gas Engine Co., 648 W 12th
FRANKLIN—Producers Supply Co. (10 to 40 H. P.)
GROVE CITY—Bessemer Gas Engine Co. ("Bessemer," "Gaso-Kero" Gas, 5 to 350 H. P.)
HANOVER—United Engine & Mfg. Co. ("Manley")
LANSDALE—Heebner & Sons (Gasoline, Stationary & on Wheels)
MYERSTOWN—Myers E. H. Mfg. Co.
NEW BRIGHTON—Pittsburgh Machine Co.
OIL CITY—American Railway Appliance Co. (2½ H. P. up to 12 H. P.)
NATIONAL TRANSIT PUMP & MACHINE CO. (Gas)
See adv index at end of book
Oil City Boiler Works (Gas)
Reid Jos. Gas Engng. Co.
PHILADELPHIA—Hall Gas Engine Co., Garden bldg
Otto Gas Engine Works (Gas & Gasoline), 33rd & Walnut
Penrose Motor, Inc., Pennsylvania bldg
Schramm Chris. D. & Son (Jump or Break Spark with Battery or Dual Ignition) 308 N. 4th
Steffey Mfg. Co.
Vulcan Engine Works ("Vulcan"), 1727 Ludlow
PITTSBURGH—Carlin John H. Machine Co. (Gas)
Davison N. C. Co. (Gas), 3145 Penn,
Frick-Reid Supply Co. ("Reid" Gas), Sandusky & Robinson
Hope Engineering & Supply Co., 803-806 Farmers Bk. bldg
Hope Forge & Machine Co., Farmers Bank bldg

GAS ENGINES

ABOVE 600 B. H. P.

FOR ANY FUEL GAS

(Write for Bulletin I)

MESTA MACHINE COMPANY

PITTSBURGH, PA., U. S. A.

Oil Well Supply Co. (Gas), 215 Water
Pittsburgh Model Engine Co. (4, 6 & Single Cylinder Vertical)
Standard The, Scale & Supply Co. ("The Standard" Gasoline Engines), 1631 Liberty av
Turner-Fricke Mfg. Co., Farmers' Bank bldg
POTTSTOWN—Light Mfg. & Foundry Co.
North American Motors Co. (Automobile 20 to 45 H. P.)
READING—Orr & Sembower (Gasoline or Kerosene)
SCOTTDALE—Scottdale Machine & Mfg. Co.
SHIPPENSBURG—Domestic Engine & Pump Co. ("Domestic")
SOUTH BETHLEHEM—Bethlehem Steel Co. ("Bethlehem Steel" Gas Engine, 800 to 5,000 H. P.)
TATAMY—Messinger Mfg. Co. ("Messinger")
TITUSVILLE—Titusville Iron Co. ("Olin" 5 to 35 H. P.)
WARREN—Warren Mach. Products Co.
WEST CHESTER—West Chester Engine Co. ("Keystone" Gasoline)
WILLIAMSPORT—Early Gas Engine Co.
Moltz Jacob J.
WRIGHTSVILLE—Dissinger Farm Co.
YORK—Farquhar A. B. Co. (Ltd.)
Henry, Millard & Henry Co. ("Advance," "H. M. & H.") (2 to 15 H. P.)

RHODE ISLAND.

NEWPORT—Newport Engineering Works
PROVIDENCE—American & British Mfg. Co. (Gas & Gasoline), Charles

TEXAS.

AUSTIN—Tips Foundry & Machine Co.
FORT WORTH—Fort Worth Well Machy. & Supply Co.
SAN ANTONIO—San Antonio Machine & Supply Co. ("Krueger," Atlas Gasoline)

VERMONT.

POULTNEY—Ruggles Machine Co.
WATERBURY—Cooley Wright Mfg. Co. (Gasoline)
WESTMINSTER STATION—Abenaque Machine Works (Gas & Gasoline)

VIRGINIA.

NORFOLK—Chesapeake Launch & Motor Co.
Wallace Bros. (Gas)

WASHINGTON.

SEATTLE—Seattle-Astoria Iron Works (Marine)
TACOMA—Puget Sound Iron & Steel Works (Gasoline)

WEST VIRGINIA.

PARKERSBURG—Parkersburg Machine Co. (Small Gasoline Only)

WISCONSIN.

ALGOMA—Wodsedalak Jos.
APPLETON—Eagle Mfg. Co. ("Eagle" Gasoline)
BELOIT—Thompson J. Plow Works
BERLIN—Schaefer Mfg. Co.
BRILLION—Brillion Iron Works ("Brillion" Gasoline)
CEDAR GROVE—Wisconsin Foundry & Steel Works
CUDAHY—Worthington Pump & Machy. Corp. ("Ingeco")
DE PERE—Lauson-Lawton Co. ("Wisconsin" 1½ to 30 H. P.)
EAU CLAIRE—Eau Claire Mfg. Co. ("White" Gasoline Stationary, Portable, Marine & Electric Light)
Northwestern Steel & Iron Works ("Northwestern" Gasoline)
EVANSVILLE—Baker Mfg. Co. ("Baker" "Monitor" Gasoline)
FOND DU LAC—Quentin Peter N. (Gas)
GREEN BAY—Straubel Machine Co. (Marine)
LA CROSSE—La Crosse Tractor Co.
MADISON—Fuller & Johnson Mfg. Co. ("F. & J. Open Jacket" Gasoline, Water & Air Cooled & Frost Proof)
MANITOWOC—Richards H. C.
Smalley Mfg. Co. ("Smalley")
MILWAUKEE—**ALLIS-CHALMERS MFG. CO.** *See adv index at end of book*
Andrew Motor Mfg. Co. (Gas)
Beaver Mfg. Co., 1st & Oklahoma av
Beaver Mfg. Co., 2500 First av
Christensen Engineering Co. ("Badger" Gasoline, 2½ to 30 H. P. & Up)
Evinrude Motor Co. (Gas), 279 Walker
Haase Motor Works

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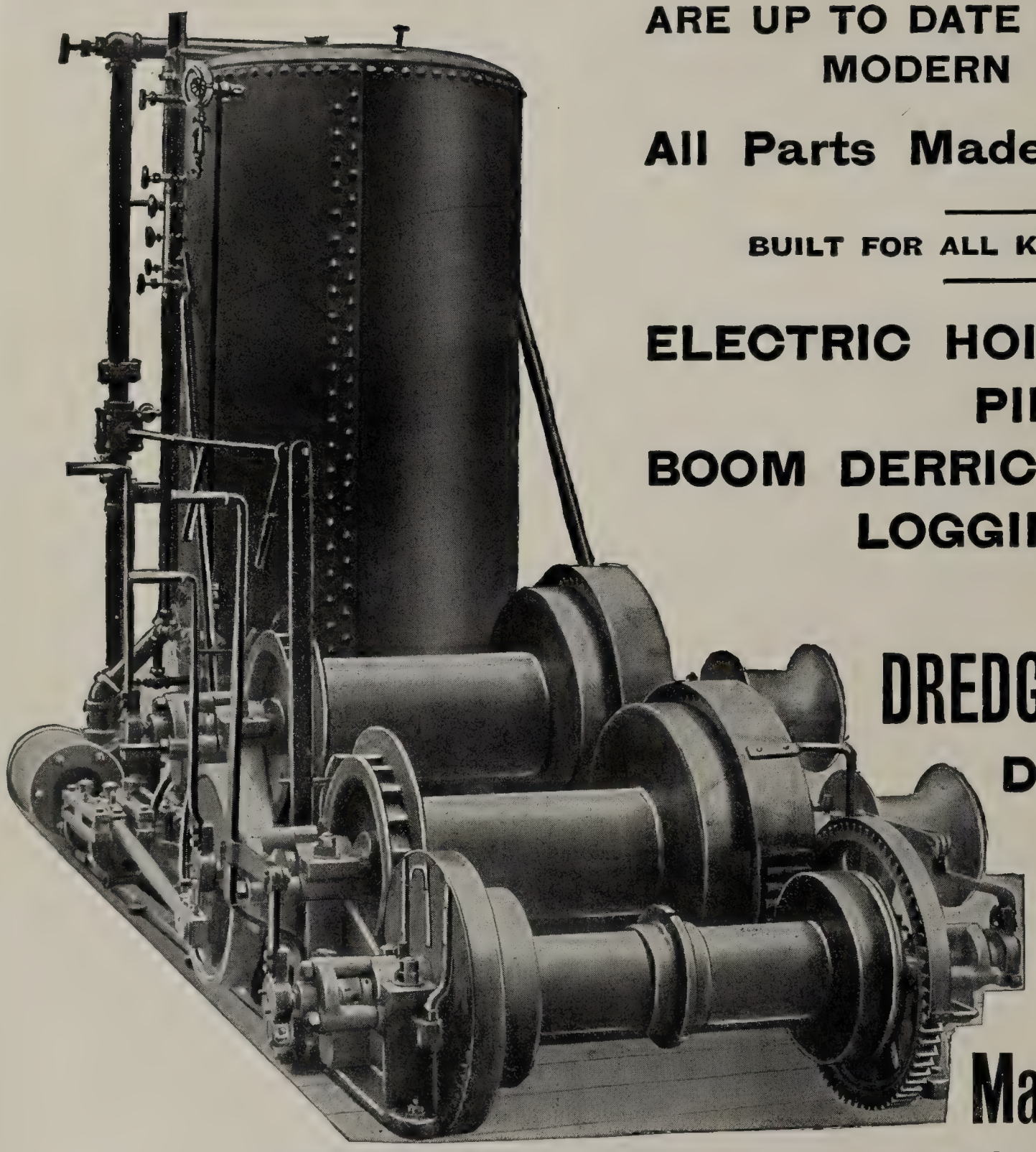
MUNDY
HOISTING ENGINES



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BRANCH OFFICES

39 Cortlandt Street, NEW YORK CITY.
Market & Randolph Sts., CHICAGO, ILL.
1744 Market St., PHILADELPHIA, PA.
325 Water Street, PITTSBURG, PA.
224 Water Street, NORFOLK, VA.
210 Washington Avenue, ST. LOUIS, MO.
203 West Pearl Street, CINCINNATI, O.
528 First Avenue, SEATTLE, WASH.
118 Hollis St., HALIFAX, N. S.
213 Meeting Street CHARLESTON, S. C.
809 East Cary Street, RICHMOND, VA.
1302 Nance Street, HOUSTON, TEXAS.
383 Atlantic Avenue, BOSTON, MASS.
Garfield Building, CLEVELAND, O.
160 North Commerce St., MOBILE, ALA.
F. H. Hopkins & Co., MONTREAL, CAN.
415 Pioneer Press Bldg., ST.PAUL, MINN.

Milwaukee Auto Engine & Supply Co., 708 Vinnebago
Milwaukee Machinery Co. (Gasoline), 3015 Walnut
Toepfer Frank Sons, 460 National av
Wisconsin Machinery & Mfg. Co., 51st & Burham
Wisconsin Motor Mfg. Co. (Gas), 44th av & Burnham
NEW HOLSTEIN—Lauson John Mfg. Co. ("Frost King" Gas & Gasoline)
Dorman H. C. Co. (Stationary & Marine)
Termaat & Monahan Mfg. Co. ("T. & M." Stationary & Marine)
PORT WASHINGTON—Gilson Mfg. Co. ("Gilson," "Goes Like Sixty" Gasoline, Small for Creameries, Washing Machines, etc)
RACINE—Sieverkropp Engine Co.
SCHLEISINGERVILLE—Standard Mach. Co. (Gas)
SHEBOYGAN—Globe Foundry & Machine Co. (Gasoline 1½ to 16 H. P.)
SHEBOYGAN FALLS—Falls Motors Corp.
SPARTA—Sparta Iron Works Co.
SUPERIOR—Duplex Mfg. Co. (Gasoline)
TWO RIVERS—Kahlenberg Bros. Co. (Marine)
WAUKESHA—Waukesha Motor Co. (Auto Motors)

4369— Engines (Garden)

Douglas W. & B., Middletown, Conn.

4370—Engines (Gas & Steam, Rebuilt)

Marion Machine, Foundry & Supply Co., Marion, Ind.

4371—Engines (Gasoline Locomotive)

Pittsburgh Model Engine Co. (4 & 6 Cylinder Vertical), Pittsburgh, Pa.

4372— Engines (Haulage)

American Hoist & Derrick Co. (Double & Single Friction Drum), St. Paul, Minn.
Carlin John H. Machine Co., Pittsburgh, Pa.
Chase Machine Co. (Docking & Hauling Cars, etc), Cleveland, O.
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
Connellsville Mfg. & Mine Supply Co. (Steam & Electric), Connellsville, Pa.
Crawford & McCrimmon Co., Brazil, Ind.
DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*
Fair Haven Foundry & Machine Co. (Inc.), Fair Haven, Vt.
Finch Mfg. Co., Scranton, Pa.
Galion Iron Works & Mfg. Co., Galion, O.
Lake Shore Engine Works, Marquette, Mich.
Lambert Hoisting Engine Co., 117 Poinier, Newark, N. J.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
Litchfield Foundry & Machine Co. (Endless Rope, Tail Rope), Litchfield, Ill.
Mauch Chunk Iron Works, Mauch Chunk, Pa.
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Milholland J. & J. B. Co. (Endless Rope), 714 5th av, Pittsburgh, Pa.
Monighan Machine Co., 2032 Carroll av, Chicago, Ill.
Mundy J. S., Hoisting Engine Co., 722 Frelinghuysen av, Newark, N. J.
See adv index at end of book
National Hoisting Engine Co., Harrison, N. J.
Ottumwa Box Car Loader Co., Ottumwa, Ia.
Ottumwa Iron Works (Direct & Geared), Ottumwa, Ia.
Pittsburgh Model Engine Co. (4 & 6 Cylinder Vertical), Pittsburgh, Pa.
Puget Sound Iron & Steel Works, Tacoma, Wash.
St. Marys Machine Works (Gasoline & Oil), St. Marys, O.
Scottdale Machine & Mfg. Co., Scottdale, Pa.
Stine J. C. Co., Tyrone, Pa.
Stine S. B., Osceola Mills, Pa.
Street Bros. Machine Works, Chattanooga, Tenn. *See adv index at end of book*
Superior Iron Works Co. (Cable Haulage with Endless Rope), Superior, Wis.
Vulcan Iron Works, Wilkes-Barre, Pa.
Wellman-Seaver-Morgan Co., Cleveland, O.

4373— Engines (Hoisting)

See also Engines, Hoisting, Gas & Gasoline

ALABAMA.

BIRMINGHAM—Hardie-Tynes Mfg. Co. (Steam & Electric)

ARIZONA.

NOGALES—Roy & Titcomb

CALIFORNIA.

OAKLAND—Doak Gas Engine Co.
SAN FRANCISCO—Hendy Joshua Iron Works (Double Cylinder, etc), 75 Tremont
Murray Bros. Machine Works, 233 Folsom

COLORADO.

DENVER—Denver Engineering Works Co. (All Kinds)
Denver Engineering Works Co. (All Kinds)
Mine & Smelter Supply Co.

CONNECTICUT.

BRIDGEPORT—Coulter & McKenzie Machine Co.

GEORGIA.

MARIETTA—Glover Machine Works

ILLINOIS.

CHICAGO—Chicago Builders' Specialties Co., 11 So. La Salle.
LIDGERWOOD MFG. CO. (of New York), Fisher bldg
See adv index at end of book
MACHINERY WAREHOUSE & SALES CO., Old Colony bldg
Monighan Machine Co. (All Kinds), 2032 Carroll av
United States Equipment Co., 208 S La Salle
LITCHFIELD—Litchfield Foundry & Machine Co. (First Motion)

INDIANA.

BRAZIL—Crawford & McCrimmon Co.

IOWA.

BURLINGTON—Murray Iron Works Co.
DES MOINES—Eagle Iron Works (Steam & Electric)
OTTUMWA—Ottumwa Box Car Loader Co.
Ottumwa Iron Works
WATERLOO—Armstrong Mfg. Co.
Waterloo Gasoline Engine Co.

LOUISIANA.

NEW ORLEANS—**LIDGERWOOD MFG. CO.** (of New York), Woodward, Wight & Co. (Ltd.), Agents
See adv index at end of book

MARYLAND.

BALTIMORE — **ELLICOTT MACHINE CORP.,** Bush & Severn
See adv index at end of book
Page Engineering Co., Clagett & Hull

MASSACHUSETTS.

BOSTON—Bertelsen & Petersen Engineering Co., 256 Border
Mead-Morrison Mfg. Co. (Complete Line), Cor Prescott & Orleans, East Boston, Mass.

MICHIGAN.

DETROIT—**DETROIT HOIST & MACHINE CO.**
See adv index at end of book
Jefferson Iron Works Co.
GRAND HAVEN—Dake Engine Co., (Steam)
LANSING—Novo Engine Co. (Gas & Gasoline)
MARQUETTE—Lake Shore Engine Works (Corliss & Slide Valve)
SAGINAW—Bartlett A. F. & Co.
Jackson & Church Co.

MINNESOTA.

DULUTH—**CLYDE IRON WORKS**
See adv index at end of book
Imperial Iron Works (For Mines, etc)
National Iron Co.
ST. PAUL—American Hoist & Derrick Co.

Engines (Hoisting)
MANUFACTURED BY
CLYDE IRON WORKS
DULUTH, MINN.

MISSOURI.

KANSAS CITY—American Gas Engine Co. ("Weber")
Faultless Engine Co., 1511 Cypress Co.
United Iron Works Co. (For Coal Mines, etc)
ST. LOUIS—Ellison Wm. & Sons Mfg. Co.
Mundy J. S. (of Newark, N. J.), (For All Purposes), 210 Washington av
Reliance Machine & Tool Works ("Reliance"), Channing & Franklin avs
South St. Louis Foundry Co., 7514 S B'way

NEW JERSEY.

HARRISON—National Hoisting Engine Co. (For All Purposes)
NEWARK—Lambert Hoisting Engine Co., 117 Poinier
Mundy J. S. Hoisting Engine Co. (For All Purposes), 722 Frelinghuysen av. *See adv index at end of book*

NEW YORK CITY.

Boroughs of Manhattan and Bronx.

NEW YORK—Consolidated Gasoline Engine Co., 202 Fulton
GODFREY-KEELER CO. (Mine & Contractors), 70 Warren
See adv index at end of book
Haiss Geo. Mfg. Co. (Coal), 141st & Ryder av
Hoisting Machy. Co. (Steam & Electric), 50 Church
See adv index at end of book
Liberty Hoisting Engine Co., 283 Hudson
LIDGERWOOD MFG. CO., 96 Liberty
See adv index at end of book
Pelham Operating Co., 410 W 26th

Borough of Queens.

Browning Victor R. & Co., College Point *See adv index at end of book*

Borough of Richmond.

WEST NEW BRIGHTON—**HUNT C. W. CO.** *See adv index at end of book*

(End of New York City)

NIAGARA FALLS—Dobbie Foundry & Machine Co.

NORTH CAROLINA.

PINETOWN—Parker Surry

OHIO.

CINCINNATI—Lane & Bodley Co., Tenn. av & Paddock rd
CLEVELAND—Browning Victor R. & Co., 17701 Lake Shore blvd.
See adv index at end of book
Chase Machine Co. (Reversible, etc)
Wellman-Seaver-Morgan Co.
COLUMBUS—Weinman Pump Mfg. Co., 300 Spruce
MANSFIELD—Browning Victor R. & Co.
See adv index at end of book
RAVENNA—Byers John F. Machine Co. (All Kinds for All Purposes), 242 S Sycamore
See adv index at end of book
TOLEDO—Toledo Foundry & Machine Co.
Toledo Ship Building Co.
ZANESVILLE—Griffith & Wedge Co.

OREGON.

PORTLAND—Phoenix Iron Works
Portland Iron Works, 14th & Northrup.
Willamette Iron & Steel Works

PENNSYLVANIA.

BANGOR—Flory S. Mfg. Co. (All Kinds for All Purposes)
CONNELLSVILLE—Connellsville Mfg. & Mine Supply Co.
DANVILLE—Danville Foundry & Machine Co.
MAUCH CHUNK—Mauch Chunk Iron Works
PHILADELPHIA—American Engineering Co. ("Williamson," Frictional Spur & Worm Gear), Aramingo & Cumberland
LIDGERWOOD MFG. CO. (of New York)
See adv index at end of book
Morris I. P. Co. (Mine), Beach & Ball
Mundy J. S. (For All Purposes), 1744 Market
PITTSBURGH—Brown Hoisting Machinery Co., Oliver bldg.
Blaw-Knox Co. (Drums), Farmers Bank bldg
Carlin John H. Machine Co. (Steam & Electric)
COLONIAL SUPPLY CO., 217 Water
See adv index at end of book
LIDGERWOOD MFG. CO. (of New York), Pittsburgh, Pa.
See adv index at end of book
Mesta Machine Co. (For Rolling Mills, etc) *See adv index at end of book*
Milholland J. & J. B. Co., 714 5th av
Pittsburgh Model Engine Co, (4, 6 & Single Vertical), Pittsburgh, Pa.
PITTSTON—Exeter Machine Works (Steam & Electric)
READING—Orr & Sembower
SCOTTDALE—Scottdale Machine & Mfg. Co.
SCRANTON—Allis-Chalmers Co. ("Allis," Steam), Finch Mfg. Co.
SHIPPENSBURG—Domestic Engine & Pump Co.
STROUDSBURG—Stroudsburg Engine Works (Gas or Gasoline)
WILKES-BARRE—Vulcan Iron Works

TENNESSEE.

CHATTANOOGA—Patten Mfg. Co. (Single & Double Drum)
STREET BROS. MACHINE WORKS (Steam) *See adv index at end of book*
JACKSON—Southern Engine & Boiler Works (2 to 50 H. P.)

VERMONT.

FAIR HAVEN—Fair Haven Foundry & Machine Co.

WASHINGTON.

SEATTLE—**LIDGERWOOD MFG. CO.** (of New York)
See adv index at end of book
Northwestern Iron Works
Seattle Machine Works
Washington Iron Works

WISCONSIN.

MANITOWOC—Manitowoc Ship Building Co. (Steel)
MILWAUKEE—**ALLIS-CHALMERS MFG. CO.** ("Allis," Steam)
See adv index at end of book
Filer & Stowell Co.
Nordberg Mfg. Co.
SUPERIOR—Superior Iron Works Co. ("Anchor")

4374—*Engines (Hoisting, Contractors')

See also Engines, Hoisting

Browning Victor R. & Co., 17701 Lake Shore blvd, Cleveland, O.; Mansfield, O.; & College Point, N. Y.
See adv index at end of book
Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book

ENGINES (HOISTING CONTRACTORS)
MANUFACTURED BY
CLYDE IRON WORKS
DULUTH, MINN.

ELLICOTT MACHINE CORP., Bush & Severn, Baltimore, Md.
See adv index at end of book
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

4375—Engines (Hoisting, Gas or Gasoline)

American Engng. Co. (For Marine Use), Aramingo av & Cumberland, Phila., Pa.
American Gas Engine Co. ("Weber"), Kansas City, Mo.
Armstrong Mfg. Co., Waterloo, Ia.
Bates & Edmonds Motor Co., Lansing, Mich.
Charter Gas Engine Co., Sterling, Ill.
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
Domestic Engine & Pump Co., Shippensburg, Pa.
Fairbanks, Morse & Co. (Gas, Gasoline & Oil), 900 S Wabash av, Chicago, Ill.
Jager Chas. J. Co. ("Mason Jager" Gasoline & Oil) 15 Custom House, Boston, Mass.
Lake Shore Engine Works (Gasoline, Hoisting & Pumping), Marquette, Mich.
Lauson-Lawton Co., De Pere, Wis.
LIDGERWOOD MFG. CO. (Also Steam), 96 Liberty, New York
See adv index at end of book
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
O. K. Clutch & Machy. Co., Columbia, Pa.
Roy & Titcomb, Nogales, Ariz.
Standard Gas Engine Co., Oakland, Cal.
Stickney Chas. A. Co., Fillmore & Starkey, St. Paul, Minn.
Union Gas Engine Co. ("Union"), 24 California, San Francisco, Cal.
Waterloo Gasoline Engine Co., Waterloo, Ia.
Whitman Agricultural Co. (1 to 10 H. P.), 7000 S B'way, St. Louis, Mo.

4376—*Engines (Hoisting, Mine)

See also Engines, Hoisting; also Engines, Hoisting, Gas & Gasoline; also Hoists, Mine

CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book

4377—*Engines (Hoisting, Pneumatic)

DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*

4378—*Engines (Hoisting, Portable)

Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
LIDGERWOOD MFG. CO., 96 Liberty, New York. *See adv index at end of book*

4379—*Engines (Incline Cableway)

See also Engines, Hoisting

CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

When writing to firms listed in this Book please mention

Hendricks' Commercial Register

IT WILL BE OF MUTUAL BENEFIT

4380— Engines (Jordan)

Black-Clawson Co., Hamilton, O.
Dillon Machine Co., Lawrence, Mass.
Emerson Mfg. Co. ("Emerson"), Lawrence, Mass.
Horne J. H. & Sons Co., Lawrence, Mass.
Jones E. D. & Sons Co., Pittsfield, Mass.
McKim Foundry & Machine Co. (For Laboratories, Chemists, Color Mfrs, etc.), Lockport, N. Y.
Mills Machine Co., Lawrence, Mass.
Noble & Wood Mach. Co., Hoosick Falls, N. Y.
Smith & Winchester Mfg. Co., So Windham, Conn.

4380a— *Engines (Kerosene)

See also Engines, Oil

FAIRBANKS CO., 416 Broome, New York
For branch houses see Alphabetical Section
Consolidated Gasoline Engine Co., 202 Fulton, New York
WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book

Engines (Locomotive Traction)

See Locomotives, Dirt Road

4381— *Engines (Logging)

Engines (Logging)
MANUFACTURED BY
CLYDE IRON WORKS
DULUTH, MINN.

See also Engines, Hoisting

Byers Jno. F. Machine Co., 242 So Sycamore, Ravenna, O.
See adv index at end of book
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
STREET BROS. MACHINE WORKS, Chattanooga, Tenn.
See adv index at end of book

4382—Engines (Marine, Gasoline)

See also Engines, Automobiles! also Engines, Gas or Gasoline; also Motor Boat, Launch & Yacht Builders

Anderson Engine Co. (2½ to 150 H. P.), 4036 N Rockwell, Chicago, Ill.
ARROW MOTOR & MACHINE CO. ("Waterman," 2 to 10 H. P.), 30 Church, New York
Atlantic Boat Co., Amesbury, Mass.
Austin Automobile Co., Grand Rapids, Mich.
Auto Engine Works, University & Griggs av, St. Paul, Minn.
Automatic Machine Co. ("Automatic"), Bridgeport, Conn.
Barber Bros., Syracuse, N. Y.
Barker C. L., Norwalk, Conn.
Bethlehem Steel Co., So. Bethlehem, Pa.
Black Rock Mfg. Co., Bridgeport, Conn.
Blount Engineering Co. ("Blount"), 100 High, Boston, Mass.
Brennan Motor Mfg. Co. (2-4-6 Cylinder), Syracuse, N. Y.
Bridgeport Motor Co., Bridgeport, Conn.
Buffalo Gasoline Motor Co. (2 to 100 H. P., 4 Cycle), Buffalo, N. Y.
Cady C. N. Co., Canastota, N. Y.
Caille Perfection Motor Co. ("Perfection"), 2d & Amsterdam, Detroit, Mich.
Camden Anchor-Rockland Machine Co. ("Knox" 2 Cycle, Stationary & Marine), Camden, Me.
Chadwick Engineering Works ("Chadwick"), Pottstown, Pa.
Clinton Walter R. (2 to 60 H. P.), West Haven, Conn.
Clipper Lawn Mower Co. (2 to 8 H. P.), Dixon, Ill.
Concrete Form & Engine Co., Detroit, Mich.
Continental Motor Mfg. Co., Muskegon, Mich.
Cooley, Wright Mfg. Co., Waterbury, Vt.
Corliss Gas Engine Co., 440 Market, San Francisco, Cal.
Cushman Motor Works, Lincoln, Neb.
Daman H. C. Co., Oshkosh, Wis.
Davis Mfg. Co., Milwaukee, Wis.
DeMooy Machine Co., 706 Frankfort av, Clevland, O.
Detroit Engine Works (2 to 20 H. P.), Detroit, Mich.
Doak Gas Engine Co., Oakland, Cal.
Driggs Mfg. Corp., New Haven, Conn.
Duluth Gas Engine Works ("Little Giant"), Duluth, Minn.
Dutcher Machine Co., Fulton, N. Y.
Dundon's Iron Wks., 225 Folsom, San Francisco, Cal.
Dunn Walter E., Ogdensburg, N. Y.
Eau Claire Mfg. Co. ("White"), Eau Claire, Wis.
Emery V. J., Wollaston, Mass.
Enterprise Machinery Co., 1118 S 3d, Minneapolis, Minn.
Erd Motor Co. (Gas), Saginaw, Mich.
Essex Engine Co. ("Essex"), Lynn, Mass.
Evarts Machine Co. (1½ H. P.), Hartford, Conn.
Evinrude Motor Co., 279 Walker, Milwaukee, Wis.
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Falls Motors Corp., Sheboygan Falls, Wis.
Fay & Bowen Engine Co. (5 to 75 H. P.), Geneva, N. Y.
Fifield Bros. Co. ("Capitol"), Augusta, Me.
Fitzhenry E. L. & Co., 49 Washington, N. Boston, Mass.
Frazer Bros. Co. ("Frazer-Adams"), Adams, N. Y.
Frontier Engine Works, 9 Perry, Buffalo, N. Y.
Fulton Mfg. Co., Erie, Pa.
Gas Engine & Power Co., & Charles L. Seabury & Co. ("Speedway," also Naphtha), Morris Heights, N. Y.
Godwin Thos. W. & Co., Norfolk, Va.
Gooddell Zina ("Naumkeg"), 88 Lafayette, Salem, Mass.
Gorham Engineering Co., Oakland, Cal.
Grand Rapids Gas Engine & Yacht Co. ("Monarch"), Grand Rapids, Mich.
Gray Motor Co. (1, 2 & 3 Cylinder, 3 to 30 H. P.), Oakland & McLean, Detroit, Mich.
Gray & Prior Machine Co. ("Hartford"), Hartford, Conn.
Great Lakes Engineering Works, Detroit, Mich.
Greenville Implement Co., Greenville, Mich.
Harms Bros. ("Eclipse"), 1730 Thames, Baltimore, Md.
Harris Engine Co. ("Harris" 5 to 200 H. P.), Front & Orange, Wilmington, Del.
Herschell-Spillman Co., North Tonawanda, N. Y.
Hettinger Engine Co. (6 H. P. to 50 H. P.) Bridgeton, N. J.
Hoosier Motor Co., Goshen, Ind.
Hubbard Motor Co. (2 & 4-Cycle), Middletown, Conn.
Jager Chas. J. Co. ("Mason Jager" 2, 4, 6 & 8 Cylinder, 10 to 160 H. P.), 15 Custom House, Boston, Mass.
Jones S. M. Co. ("Ralaco" 4 to 100 H. P.), Toledo, O.
Jones & Schumacher, 1100 West, Wilmington, Del.
Kahlenberg Bros. Co. ("Kahlenberg" Self-Starting, Reversing, ½ & 3 Cylinder, up to 75 H. P.), Two Rivers, Wis.
Kermath Mfg. Co., 45 Fort, E Detroit, Mich.
Lackawanna Mfg. Co. (Valveless Reversible), Ballston Spa, N. Y.
Lake Shore Engine Works ("New Superior" 2 & 4-Cycle), Marquette, Mich.
Lamont Eingine Co., 1470 Jefferson, Detroit, Mich.
Landis E. M., Toledo, O.
Lathrop Jas. W. Co., Mystic, Conn.
Leighton H. J., Syracuse, N. Y.
Lockwood Ash Motor Co., Jackson, Mich.
Mechanics' Foundry & Machine Co. ("Mechanics"), Fall River, Mass.
McGuff Wm. J., Lakeport, N. H.
Michigan Steel Boat Co. (Marine), Detroit. Mich.
Miller Engine Co., 2329-31 N Talman av, Chicago, Ill.
Milwaukee Auto Engine & Supply Co., 708 Winnebago, Milwaukee, Wis.
Missouri Engine Co., St. Louis, Mo.
Murray & Tregurtha Co., 340 W First, Boston, Mass.
Neponset Engine & Machine Co. ("Plume," 1½ to 3 H. P.), Neponset, Boston, Mass.
New London Motor Co., New London, Conn.
N. Y. Yacht, Launch & Engine Co. ("20th Century"), Morris Heights, N. Y.
Niagara Motors Corp., Ellicott sq., Buffalo, N. Y.
Nichols & Wright Motor Co., Buffalo, N. Y.
Northwestern Motor Co., 759 Spring, Eau Claire, Wis.
Novo Engine Co., Lansing, Mich.
Page Engineering Co. ("Oriole," Gas), Clagett & Hull, Baltimore, Md.
Palmer Bros., Coscob, Conn.
Peerless Marine Motor Co., 2150 Niagara, Buffalo, N. Y.
Pennsylvania Iron Works Co. ("Globe"), Eddystone, Pa.
Providence Engineering Corp., 521 South Main, Providence, R. I.
Racine-Truscott-Shell Lake Boat Co., Muskegon, Mich.
Rathbun-Jones Engineering Co. ("Rathbun Gas Engine"), 841 Spencer, Toledo, O.
Regal Gasoline Engine Co., Coldwater, Mich.
Richards Iron Works, Manitowoc, Wis.
Roberts Motor Co., Sandusky, O.
Rochester Gas Engine Co., Rochester, N. Y.
S. R. Mfg. Co. ("Mohawk"), Schenectady, N. Y.
St. Louis Gas & Gasoline Engine Co. (Up to 500 H. P.), 2615 De Kalb, St. Louis, Mo.
Schaefer Mfg. Co., Berlin, Wis.
Scheppele Chas. A., Dubuque, Ia.
Schlosser Mfg. Co., 151 E 126th, New York
Scripps Motor Co., 629 Lincoln av, Detroit, Mich.
Seattle-Astoria Iron Works, Seattle, Wash.
Sheffield Car Co., Three Rivers, Mich.
Smalley-General Co., Bay City, Mich.
Stamford Motor Co ("Snecker"), Stamford, Conn.
Torrington Co. The, Standard Plant ("Eagle"), Torrington, Conn.
Standard Gas Engine Co., Oakland, Cal.
Standard Motor Const. Co. (75 H. P., up), 180 Whiton, Jersey City, N. J.
Standard Oil Engine Co., Bridgeport, Conn.
Stanley Co., Salem, Mass.
Sterling Engine Co. (8 to 100 H. P. & 4 Cycle), Buffalo, N. Y.
Strelinger Marine Engine Co., 25 St. Aubin, Detroit, Mich.
Termaat & Monahan Mfg. Co. (Reversing), Oshkosh, Wis.
Thomas E. R. Motor Co., Buffalo, N. Y.
Trump Bros. Machine Co. ("Pilot"), Beech & Anchorage, Wilmington, Del.
Union Gas Engine Co. ("Union"), 24 California, San Francisco, Cal.
Universal Machine Co., Bowling Green, O.
Universal Motor Co., Oshkosh, Wis.
Valley Boat Co., Saginaw, Mich.
Van Blerck Motor Co., Monroe, Mich.
Vim Motor Co., Sandusky, O.
Waterman Motor Co., 235 Mt. Elliott, Detroit, Mich.
Watkins Motor Co., 828 W 6th, Cincinnati, Ohio
White Chas. Gas Engine Co., So. Charles & Winder, Baltimore, Md.
Williams J. H. Co. (Forgings), 31 Richards, Brooklyn, N. Y.
See adv index at end of book
Winton Engine Wks. (4-Cycle 75 H. P. & Up), Cleveland, O.
Wisconsin Machinery & Mfg. Co., 51st & Burnham, Milwaukee, Wis.
Wolverine Motor Works (18 to 100 H. P. 4-Cycle), Bridgeport, Conn.

4383— Engines (Marine, Oil)

Bolinders Co. (Imp), 30 Church, New York
Burnoil Engine Co., South Bend, Ind.
Busch-Sulzer Bros. Diesel Engine Co. (120 to 1,000 H. P.), 2d & Gratiot, St. Louis, Mo.
Craig Jas., Garfield av, Jersey City, N. J.
De La Vergne Machine Co., Ft. E. 138th, New York.
ENTERPRISE FDY. CO., 65 Market, San Francisco, Cal.
Fairbanks, Morse & Co. (Type "C-O" Oil), 900 S. Wabash av, Chicago, Ill.
Fulton Mfg. Co. (Diesel Type), Erie, Pa.
Jager Chas. J. Co., ("Mason-Jager"), 15 Custom House, Boston, Mass.
Johannsen H. S. ("Skandea" Fuel from 5 to 500 H. P.), 50 Church, New York
Mietz August ("Mietz & Weiss"), 138 Mott, New York
Missouri Engine Co. (Up to 60 H. P.), St. Louis, Mo.
New London Ship & Engine Co. ("Diesel Type"), Groton, Conn.
Rathbun-Jones Engineering Co. ("Price-Rathbun"), 841 Spencer, Toledo, O.
Samson Iron Works, Stockton, Cal.
Sheffield Car Co. (Crude Oil), Three Rivers, Mich.
Vulcan Engine Works, 1827 Bainbridge, Phila., Pa.

Engines (Marine, Portable)

See Motors, Rowboat, Detachable

Engines (Marine Railway)

See Engines, Hoisting

4384—Engines (Marine, Steam)

This Trade is Duplicated under Engines, Steam

American Ship Building Co., ft of W 54th, Cleveland, O.
Atlantic Works, 80 Border, E B, Boston, Mass.
Augustine Automatic Rotary Engine Co., Buffalo, N. Y.
Badenhauser Co., Rialto bldg, San Francisco, Cal. *See adv index at end of book*
Baltimore Dry Dock & Ship Bldg. Co., Locust Point, Baltimore, Md.
Bartlett A. F. & Co., Saginaw, Mich.
Bath Iron Works, Ltd., Bath, Me.
Bay State Iron Works, Erie, Pa.
Bound Brook Engine & Mfg. Co. ("American Ball"), 1425 Chestnut, Phila., Pa.
Buckeye Engine Co. ("Buckeye" Triple Expansion), Salem, O.
Burton & Johnson Co., 2301 Center av Cleveland, O.
Duluth Iron Works, Duluth, Minn.
Cahill W. S. Co., ft of Webster, Baltimore, Md.
Chicago Ship Building Co., 101st & Calumet River, Chicago, Ill.
Coulter & McKenzie Machine Co., Bridgeport, Conn.
Cramp Wm. & Sons, Ship & Engine Bldg. Co., Beach & Ball, Phila., Pa.
Detroit Shipbuilding Co., Detroit, Mich.
Duluth Iron Works, Duluth, Minn.
Evans C. H. & Co., 187 Fremont, San Francisco, Cal.
Fletcher W. & A. Co., Hoboken, N. J.
Flynn W. S., 76 Hudson, Jersey City, N. J.
Fore River Shipbuilding Corp., Quincy, Mass.
Golden State & Miners' Iron Works, 249 1st, San Francisco, Cal.
Heffernan Engine Works, Seattle, Wash.
Herreshoff Mfg. Co., Bristol, R. I.
Hooven, Owens, Renteschler Co., Hamilton, O. *See adv index at end of book*
High Speed Engine Corp., 9 Clinton, Newark, N. J.
Jersey City Machine Co., 113 Plymouth, Jersey City, N. J.
See adv index at end of book
Knowlson & Kelley Co., Troy, N. Y.
Lockwood Mfg. Co. E. B., 65 Sumner, E. Boston, Mass.
Manistee Iron Works Co., Manistee, Mich.
Manitowoc Ship Building Co., Manitowoc, Wis.
Marine Engine & Boiler Co., Philpot & Point, Baltimore, Md.
Marine Iron Works, 2036 Dominick, Chicago, Ill.
Maryland Steel Co., Sparrows Point, Md.
Merrill-Stevens Shipbuilding Corp., Jacksonville, Fla.
Morris Machine Works (1½ to 1000 H. P.) Baldwinsville, N. Y.
New London Marine & Iron Works, New London, Conn.
Holmes Motor Co. (4 Cycle), West Mystic,
Newport News Ship Building & Dry Dock Co., Newport News, Va.
Northwestern Iron Works, Seattle, Wash.
Ogdensburg Machine Co., Ogdensburg, N. Y.
Old Dominion Marine Railway Corp'n, Berkley, Va.
Orr & Sembower, Reading, Pa.
Phoenix Iron Works, Portland, Ore.
Pioneer Machine Works (Jas. Hartley, Prop.), 75 Delevan, Brooklyn, N. Y.
Portland Co. (Compound & Triple Expansion), Portland, Me.
Providence Engng. Corp., S Main, Providence, R. I.
Pusey & Jones Co., ft Poplar, Wilmington, Del.
Quintard Iron Works Co., 742 E 12th, New York
Richards Iron Works, Manitowoc, Wis.
Schantz & Eckert, Perth Amboy, N. J.
Seattle Construction & Dry Dock Co., Seattle, Wash.
Smith Theo. & Sons Co., ft Essex, Jersey City, N. J.
Sullivan John W. Co. (Compound & Triple Expansion), 827 E 9th, New York
Superior Ship Building Co., Superior, Wis.
Toledo Foundry & Machine Co., Toledo, O.
Toledo Ship Building Co., Toledo, O.
Trout H. G. Co., Buffalo, N. Y.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
Ward Chas. Engineering Works, Charleston, W. Va.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Willamette Iron & Steel Works, Portland, Ore.
Wood River Iron Wks., 817 E 9th, New York

4385—*Engines (Mining, Steam)

Power & Mining Machinery Co., 115 B'way, New York

Engines Mounted on Wheels

See Engines, Portable on Wheels

4386— Engines (Naphtha)

American Gas Engine Co. ("Weber"), Kansas City, Mo.
Armstrong Mfg. Co., Waterloo, Ia.
Charter Gas Engine Co., Sterling, Ill.
Gas Engine & Power Co. & Chas. L. Seabury & Co., Morris Heights, N. Y.
St. Mary's Machine Works (2½ to 480 H. P.), St. Marys, O.
Waterloo Gasoline Engine Co., 625 Milet, Waterloo, Ia.

4387— Engines (Oil)

See also Engines, Alcohol

Acme Oil Engine Co., Bridgeport, Conn.
Advance Rumely Co. ("Oilturn" Kerosene & Distillate, 30 to 60 H. P.), La Porte, Ind.
Alamo Mfg. Co. (Kerosene), Hillsdale, Mich.
Allis-Chalmers Mfg. Co. ("diesel"), Milwaukee, Wis. *See adv index at end of book*
American Gas Engine Co. ("Weber"), Kansas City, Mo.
Anderson Engine Co. (Kerosene), 4036 N Rockwell, Chicago, Ill.
Anderson Foundry & Machine Works (Crude Oil). Anderson, Ind.
Appleton Mfg. Co. (Kerosene), Batavia, Ill.
Aultman & Taylor Machinery Co. (Kerosene), Mansfield, O.
Armstrong Mfg. Co., Waterloo, Ia.
Bauer Machine Works Co. (20 to 50 H. P.), Kansas City, Mo.
Bessemer Gas Engine Co. ("Bessemer" Crude Oil, 5 to 350 H. P.), Grove City, Pa.
BUFFALO FOUNDRY & MACHINE CO. (Fuel Oil), 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*
Burkett Mfg. Co., 162 W. Spring, Columbus, O.
Burlingame S. F., Worcester, Mass.
Burnoil Engine Co., South Bend, Ind.
Busch-Sulzer Bros.-Diesel Engine Co. (120 to 1,000 H. P.), 2d & Gratiot, St. Louis, Mo.
Callahan W. P. Co. (Up to 200 H. P.), Dayton, O.
Challenge Co. (Kerosene), Batavia, Ill.
Christensen Engineering Co. (Kerosene), Milwaukee, Wis.
Charter Gas Engine Co. ("Sterling," Alcohol, Kerosene & Oil), Sterling, Ill.
Clay Engine Co., 6950 Kinsman rd., Cleveland, O.
Continental Machine & Fdry Co., 517 Ins. Exchange bldg, Chicago, Ill.
Corliss Gas Engine Co., 440 Market, San Francisco, Cal.
Covington Machine Co., Covington, Va.
De La Vergne Machine Co. ("Hornsby-Akroyd"), ft E 138th, New York
Detroit Engine Works (Kerosene & Coal Oil, 2 to 20 H. P.), Detroit, Mich.
Detroit Motor Car Supply Co. ("Sandow" Kerosene, Coal Oils, etc., 2 to 20 H. P.), Detroit, Mich.
Doak Gas Engine Co., Oakland, Cal.
Dow Pump & Diesel Engine Co. ("Willans Diesel"), 417 Market, San Francisco, Cal.
Dunn W. E. Mfg. Co., Holland, Mich.
Ellis Engine Co. ("Ellis," Kerosene, 3 to 12 H. P.), 2843 E. Grand blvd, Detroit, Mich.
Emerson-Brantingham Co. ("Emerson" Kerosene), Rockford, Ill.
Erie Forge Co., Erie, Pa.
MacElvoy Engine Co. (Kerosene), Newark, N. J.
Fairbanks, Morse & Co. ("Fairbanks-Morse" Type "Z" & Type "Y" Kerosene or Crude Oil), 900 S Wabash av, Chicago, Ill.
Fairmont Gas Engine & Railway Motor Car Co. (Gasoline & Kerosene), Fairmont, Minn.
Fay & Bowen Engine Co. (Kerosene), Geneva, N. Y.
Foos Gas Engine Co. (Kerosene, 2½ to 82 H. P.), 800 Monroe, Springfield, O.
Fuller & Johnson Mfg. Co. (Kerosene), Madison, Wis.
Fulton Iron Works, 1295 Delaware av, St. Louis, Mo.
Gorham Engineering Co., Oakland, Cal.
Grand Rapids Gas Engine & Yacht Co. ("Monarch" Kerosene), Grand Rapids, Mich.
Gray & Prior Machine Co. (Marine, Kerosene), Hartford, Conn.
Hoyer Engineering Co. (Kerosene), 281 Grove, Milwaukee, Wis.
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
International Harvester Company of America (Inc.) (Mogul-Titan; 1 to 50 H. P.), Harvester bldg, Chicago, Ill.
Jacobson Gas Engine Co., Saratoga, Springs, N. Y.
Johnston & Jenning Co., ("Loomis" 25 to 100 H. P.), Addison rd & N. Y. C. R., Cleveland, O. *See adv index at end of book*
Kahlenberg Bros. Co. ("Kahlenberg" Kerosene Marine, up to 75 H. P.), Two Rivers, Wis.
Lackawanna Mfg. Co. ("Lackawanna," Petroleum), Ballston Spa, N. Y.
Lauson John Mfg. Co. (Kerosene & Distillate), New Holstein, Wis.
Midwest Engine Co. ("Diesel" 300 to 1000 H. P.), Indianapolis, Ind.
McDuff Wm. J., Lakeport, N. H.
McIntosh & Seymour Corp. ("Diesel" Type), Auburn, N. Y.
Mietz August ("Mietz" & "Weiss" Kerosene, Fuel & Crude Oil), 138 Mott, New York
Missouri Engine Co., St. Louis, Mo.
Moore Sam'l L. & Sons ("Crescent" Fuel, etc), Elizabeth, N. J.
Muncie Oil Engine Co. ("Muncie," 10 to 200 H. P.), Muncie, Ind.
National Steam Pump Co. (8 to 60 H. P.), Upper Sandusky, O.
NATIONAL TRANSIT PUMP & MACHINE CO. (5 to 500 H. P.), Oil City, Pa. *See adv index at end of book*
New York Engine Co. (Diesel Type), 165 B'way, New York
Nordberg Mfg. Co. (50 H. P. & Up), Milwaukee, Wis.
Novo Engine Co. (Kerosene), Lansing, Mich.
Ottawa Mfg. Co., Ottawa, Kans.
Otto Gas Engine Works, 33d & Walnut, Phila., Pa.
Polo Machine Co., Polo, Ill.
Pohl Geo. D. Mfg. Co., Vernon, N. Y.

Power Mfg. Co. ("Primm" Crude Oil), Marion, O.
Quincy Engine Co. (Kerosene), Chambersburg, Pa.
Rawleigh W. T. Co. (Kerosene), Freeport, Ill.
Reliable Engine Co. (Kerosene), Portsmouth, O.
Remington Oil Engine Co. (6 to 110 H. P., Marine & Stationary), Stamford, Conn.
St. Marys Machine Works (Also Kerosene), St. Marys, O.
St. Marys Oil Engine Co., St. Charles, Mo.
Salamanca Engine-Iron Co. (Kerosene), Salamanca, N. Y.
Schramm Chris. D. & Son, 308 N. 4th, Phila., Pa.
Smalley-General Co. (Kerosene), Bay City, Mich.
Southwark Foundry & Machine Co. (Diesel Type), 400 Washington av, Phila., Pa.
Standard Fuel Oil Engine Co., Willoughby, O.
Standard Gas Engine Co., Oakland, Cal.
Standard Motor Const. Co. (Marine), 180 Whiton, Jersey City, N. J.
Standard Oil Engine Co. ("Semi-Diesel" Type), Bridgeport, Conn.
Superior Gas Engine Co. (Crude), Springfield, O.
Turner Mfg. Co. (Kerosene), Port Washington, Wis.
Union Gas Engine Co., 24 California, San Francisco, Cal.
Union Tool Co. (Diesel Type, 25 to 125 H. P.), Los Angeles, Cal.
Venn-Severin Machine Co., 1317 W North, Chicago, Ill.
Waterloo Gasoline Engine Co., 625 Miles. Waterloo, Ia.
West Chester Engine Co. (Kerosene), West Chester, Pa.
WORTHINGTON PUMP & MACHINERY CORP. ("Ingeco" Diesel), 115 B'way, New York *See adv index at end of book*

4388— Engines (Oil, Crude)

Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*
JOHNSTON & JENNINGS CO., ("Loomis" 25 to 100 H. P.), Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
Midwest Engine Co. ("Diesel" 300 to 1000 H. P.), Indianapolis, Ind.
NATIONAL TRANSIT PUMP & MACHINE CO., (5 to 1600 H. P.) Oil City, Pa. *See adv index at end of book*
Waterloo Gasoline Engine Co., 625 Miles, Waterloo, Ia.
WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book

4389—*Engines (Pile Driving)

See also Engines, Hoisting

Engines (Pile Driving
MANUFACTURED BY
CLYDE IRON WORKS
DULUTH, MINN.

Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

Engines (Pneumatic)

See Engines, Compressed Air; also Pneumatic Motors

4390—Engines (Poppet Valve)

Erie City Iron Works ("Lentz" Patent), Erie, Pa.
Nordberg Mfg. Co., Milwaukee, Wis.
Skinner Engine Co., Erie, Pa.
VILTER MFG. CO., 1046 Clinton, Milwaukee, Wis.
See adv index at end of book

4391—Engines (Portable, on Wheels)

Gas, Gasoline, Naphtha, Etc

See also Engines, Hoisting, Portable; Engines, Traction; Engine, Portable, Steam
Abenaque Machine Works (Gasoline), Westminster Station, Vt.
Acme Engine Co. (Gasoline), Lansing, Mich.
American Gas Engine Co. ("Weber" 2 to 400 H. P.), Kansas City, Mo.
AMES IRON WORKS ("Vim," Agricultural), Oswego, N. Y.
Armstrong Mfg. Co., Waterloo, Ia.
Beggs James & Co., 30 Warren, New York
See adv index at end of book
Buckeye Mfg. Co. ("Lambert" Gas & Gasoline, 2 to 20 H. P.), Anderson, Ind.
Buffalo Pitts Co., Buffalo, N. Y.
Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
Case J. I. Threshing Machine Co., Racine, Wis.
Charter Gas Engine Co. ("Charter" Gasoline), Sterling, Ill.
Dice Machine Co. (Gasoline), Anderson, Ind.
Doak Gas Engine Co., Oakland, Cal.
Fairbanks, Morse & Co. (Gasoline & Kerosene), 900 S Wabash av, Chicago, Ill.
Farquhar A. B. Co. (Ltd.) (4 to 50 H. P.), York, Pa.
Foos Gas Engine Co. (2½ to 35 H. P.), 800 Monroe, Springfield, O.
Good Roads Machinery Co., Kennett Square, Pa.
Huber Mfg. Co., Marion, O.
Hydraulic Press Mfg. Co. (Gasoline), Mt. Gilead, O.
International Harvester Company of America (Inc.) (Mogul-Titan), Harvester bldg, Chicago, Ill.
Kansas City Engine Works (1½ to 8 H. P.), Kansas City, Mo.
Mead-Morrison Mfg. Co., Cor Prescott & Orleans, East Boston, Mass.
Messinger Mfg. Co., Tatamy, Pa.
Middletown Machine Co., Middletown, O.
Quincy Engine Co., Chambersburg, Pa.
St. Marys Machine Works (Gasoline & Kerosene), St. Marys, O.
Salem Iron Works, Winston Salem, N. C.
Schramm Chris. D. & Son, 308 N 4th, Phila., Pa.
Southern Engine & Boiler Works, Jackson, Tenn.
Stover Engine Works (Gasoline Single Rod), Freeport, Ill.
Thompson J. Plow Works (Gasoline), Beloit, Wis.
Union Gas Engine Co. (Gas), 24 California, San Francisco, Cal.
Whitman Agricultural Co. (1 to 10 H. P.), **7000 S B'way, St. Louis, Mo.**

4392—Engines (Portable, Steam)

AMES IRON WORKS ("Vim," 6 to 50 H. P.), Oswego, N. Y.
Bay State Iron Works, Erie, Pa.
Beggs James & Co., 30 Warren, New York
See adv index at end of book
Brownell Co. (2 to 40 H. P.), Dayton, O.
Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
Case J. I. Threshing Machine Co., Racine, Wis.
Chandler & Taylor Co. (12 to 25 H. P.), Indianapolis, Ind.
Clark Engine & Boiler Co. (6 to 25 H. P.), Kalamazoo, Mich.
Enterprise Co. (25 to 70 H. P.), Columbiana, O.
Erie City Iron Works (Throttling, 15 to 55 H. P.; also on skids), Erie, Pa.
Erie Engine Works (6 to 50 H. P.), Erie, Pa.
Lane & Bodley Co., Tenn. av & Paddock rd, Cincinnati, O.
Nagle Engine & Boiler Works (6 to 50 H. P.), Erie, Pa.
Oil City Boiler Works (4 to 40 H. P.), Oil City, Pa.
Union Iron Works Co., 20th & Michigan, San Francisco Cal.
Walsh & Weidner Boiler Co., Chattanooga, Tenn. *See adv index at end of book*

4394— *Engines (Pumping)

See also following headings
Consolidated Gasoline Engine Co., 202 Fulton, New York
Ellicott Machine Corp., Bush & Severn, Baltimore, Md.
See adv index at end of book
Fuller & Johnson Mfg. Co. (For Town Use), Madison, Wis.
Jackson Byron Iron Wks., 357-361 Market, San Francisco, Cal.
Luitwieler Pumping Engine Co., 123 Ames, Rochester, N. Y.
Vogt Bros. Mfg. Co., Louisville, Ky.
See adv index at end of book

4395—Engines (Pumping, Deep Well)

Allis-Chalmers Mfg. Co. ("Allis"), Milwaukee, Wis.
See adv index at end of book
American Gas Engine Co. ("Weber"), Kansas City, Mo.
American Steam Pump Co., Battle Creek, Mich.
American Well Works, Aurora, Ill.
See adv index at end of book
Armstrong Mfg. Co., Waterloo, Ia.
Bremen Mfg. Co. ("Bremen," "Caloric," Noiseless), Bremen, O.
Cameron A. S. Steam Pump Works (Steam), Bowling Green bldg., New York *See adv index at end of book*
Cook August D., Lawrenceburg, Ind.
Domestic Eng. & Pump Co., Shippensburg, Pa.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Gardner Governor Co., 14 Williamson, Quincy, Ill.
Luitwieler Pumping Engine Co. (Gasoline, Electric, Steam & Belt Driven), Rochester, N. Y.
St. Marys Machine Works (Belted or Direct Connected), St. Mary's, O.
Union Steam Pump Co., Battle Creek, Mich.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

4396—Engines (Pumping, Gas & Gasoline)

See also Engines, Gas & Gasoline

Advance Mfg. Co., Hamilton, O.
Aerothrust Engine Co., La Porte, Ind.
Allman Gas Engine & Machine Co., 461 Canal, New York
American Blakeslee Mfg. Co., Birmingham, Ala.
American Gas Engine Co. ("Weber"). Kansas City, Mo.
American Well Works, Aurora, Ill.
See adv index at end of book
Armstrong Mfg. Co., Waterloo, Ia.
ARROW MOTOR & MACHINE CO. ("Waterman"), 30 Church, New York
Barber Bros. (Gasoline), Syracuse, N. Y.
Bethlehem Steel Co. ("Bethlehem," Steel Gas, Embraces Vertical Triple Expansion High Duty), South Bethlehem, Pa.
Bremen Mfg. Co. ("Caloric"), Bremen, O.
Buckeye Engine & Foundry Co., Joliet, Ill.
Callahan W. P. Co., Dayton, O.
Capital Gas Engine Co., Indianapolis, Ind.
Challenge Co., Batavia, Ill.
Charter Gas Engine Co., Sterling, Ill.
Detroit Engine Works Detroit, Mich.
Doak Gas Engine Co., Oakland, Cal.

ENGINES (PUMPING, GAS & GASOLINE) —continued

Eau Claire Mfg. Co., Eau Claire, Wis.
Economy Pumping Machinery Co., 116 N Carpenter, Chicago, Ill.
Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.
Fairbanks, Morse & Co. (Type "Z," "Y," "Eclipse" & Oil), 900 S Wabash av, Chicago, Ill.
Flint & Walling Mfg. Co., Kendallville, Ind.
Foos Gas Engine Co., 800 Monroe, Springfield, O.
Harris Pump & Supply Co., 320 2d av, Pittsburgh, Pa.
International Harvester Co. of America (Inc.) ("Famous," "I-H-C" Oil & Gas), Harvester bldg, Chicago, Ill.
Jager Chas. J. Co., ("Mason-Jager"), 15 Custom House, Boston, Mass.
Kansas City Engine Works ("Elliott," 1½ to 8 H. P.), Kansas City, Mo.
Kewanee Private Utilities Co., West Side, Kewanee, Ill.
Luitwieler Pumping Engine Co. ("Luitwieler," Non-Pulsating, Gasoline), Rochester, N. Y.
Lunt-Moss Co., 43 S Market, Boston, Mass.
Marion Machine, Foundry & Supply Co., Marion, Ind.
McDuff Wm. J., Lakeport, N. H.
Middletown Machine Co., Middletown, O.
Neponset Engine & Machine Co. ("Plume" 1 to 5 H. P.), Neponset, Boston, Mass.
New Way Motor Co., Lansing, Mich.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Otto Gas Engine Works (Gas), 33d & Walnut, Phila., Pa.
Regal Gasoline Engine Co., Coldwater, Mich.
St. Marys Machine Works (Also Oil), St. Marys, O.
Standard Gas Engine Co., Oakland, Cal.
Standard Pump & Engine Co., Akron, O.
Stickney Chas. A. Co. (for Railroad Service, etc), Fillmore & Starkey, St. Paul, Minn.
Stover Engine Works, Freeport, Ill.
Superior Gas Engine Co., Springfield, O.
Van Nouhuys Machine Wks., Albany, N. Y.
Warner Elev. Mfg. Co. ("Warner"), Warner, Ill.
Waterloo Gasoline Engine Co., 625 Miles, Waterloo, Ia.
Weinman Pump Mfg. Co., 300 Spruce, Columbus, O.
Whitman Agricultural Co. (1 to 10 H. P.), 7000 S B'way, St. Louis, Mo.

4397—Engines (Pumping, High Duty)

ALLIS-CHALMERS MFG. CO. ("Reynolds" Triple Expansion & Compound, Horizontal & Vertical), Milwaukee, Wis. *See adv index at end of book*
American Gas Engine Co. ("Weber"), Kansas City, Mo.
American Well Works, Aurora, Ill. *See adv index at end of book*
Davidson M. T. Co., 154 Nassau, New York
Dubois Iron Works, Dubois, Pa.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
HOOVEN, OWENS, RENTSCHLER CO., Hamilton, O. *See adv index at end of book*
Luitwieler Pumping Engine Co. ("Non-Pulsating), Rochester, N. Y.
Morris I. P. Co., Beach & Ball, Phila., Pa.
Murray Iron Works Co., Central av & Washington, Burlington, Ia.
NATIONAL TRANSIT PUMP & MACHINE CO., Oil City, Pa. *See adv index at end of book*
Nordberg Mfg. Co., Milwaukee, Wis.
Platt Iron Works Co. ("Smith-Vaile"). Dayton, O.
Union Steam Pump Co., Battle Creek, Mich.
Wagener Steam Pump Co., Canton, O.
Weinman Pump Mfg. Co., 300 Spruce, Columbus, O.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*
Wetherill Robt. & Co., Chester, Pa.
Wilson-Snyder Mfg. Co., 2 Ross, Pittsburgh, Pa.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York *See adv index at end of book*

4398—Engines (Pumping, Hot Air)

American Machine Co. ("Denney Improved Rider-Ericsson"), Newark, Del.
Bremen Mfg. Co. ("Bremen" Caloric Noiseless), Bremen, O.
Rider-Ericsson Engine Co., 20 Murray, New York
Slocomb F. F. & Co. (Oscillating), 14th & Poplar, Wilmington, Del.
Smith Winfield H. ("Essex" Hot Air Only), Buffalo, N. Y.

4399—Engines (Pumping, Hydraulic)

See also Hydraulic Rams

ALLIS-CHALMERS MFG. CO. ("Allis"), Milwaukee, Wis. *See adv index at end of book*
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Jennings Pump & Dredge Co., 305 N. Michigan av, Chicago, Ill.
National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*

4400—*Engines (Pumping, Triple Expansion)

National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York *See adv index at end of book*

4401— *Engines (Quarry)

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

4402— Engines (Reversing)

See also Engines, Rolling Mill

ALLIS-CHALMERS MFG. CO. ("Allis," Horizontal & Vertical), Milwaukee, Wis. *See adv index at end of book*
Augustine Automatic Rotary Engine Co., Buffalo, N. Y.
Buckeye Engine Co., Salem, O.
Byers Jno. F. Machine Co., 242 So Sycamore, Ravenna, O. *See adv index at end of book*
Lake Shore Engine Works (For Mine Use), Marquette, Mich.
Mackintosh, Hemphill & Co. (Rolling Mill), Pittsburgh, Pa.
Mesta Machine Co., Pittsburgh, Pa. *See adv index at end of book*
Nagle Corliss Engine Works, Erie, Pa.

4403-4—*Engines (Reversing Cable-Way)

See also Engines, Hoisting

CLYDE IRON WORKS (Complete with Boiler), Duluth, Minn. *See adv index at end of book*

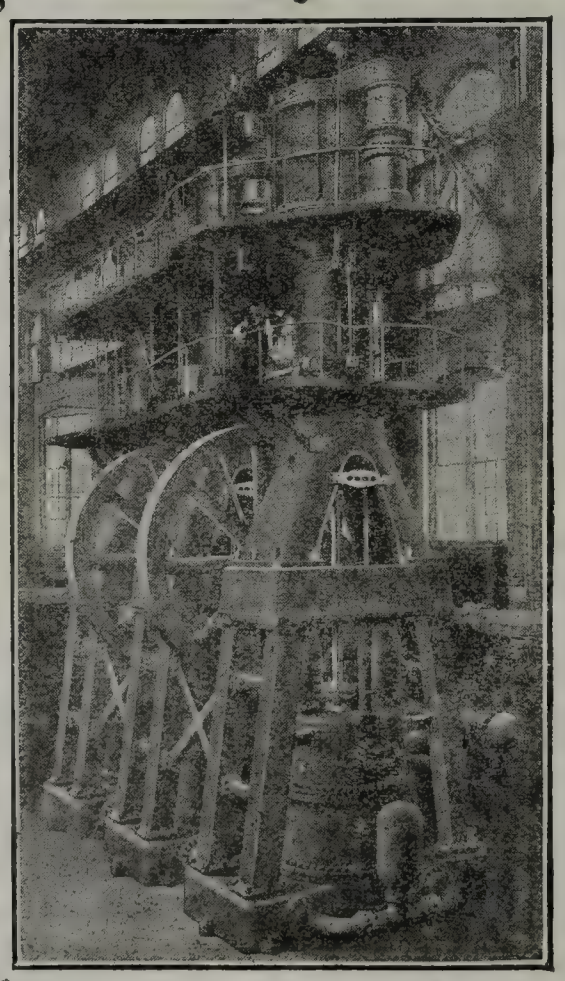
4405—Engines (Rolling Mill)

See also Rolling Mill Machinery

ALLIS-CHALMERS MFG. CO. ("Allis," Steam), Milwaukee, Wis. *See adv index at end of book*
Augustine Automatic Rotary Engine Co. (5 H. P. & Up), Buffalo, N. Y.
Cooper C. & G. Co., Mt. Vernon, O.
HOOVEN, OWENS, RENTSCHLER CO. ("Hamilton" Corliss), Hamilton, O. *See adv index at end of book*
Lane & Bodley Co., Tenn. av & Paddock rd, Cincinnati, O.
Mackintosh, Hemphill & Co., Pittsburgh, Pa.
MESTA MACHINE CO., Pittsburgh, Pa. *See adv index at end of book*
Murray Iron Works Co. (Corliss), Central av & Washington, Burlington, Ia.
Nagle Corliss Engine Works, Erie, Pa.
Newbold R. S. & Son Co., Norristown, Pa.
Nordberg Mfg. Co., Milwaukee, Wis.
Portland Co., Portland, Me.
Reading Iron Co., Reading, Pa.
St. Louis Iron & Machine Works, 126 Chouteau av, St. Louis, Mo.
Wellman-Seaver-Morgan Co., Cleveland, O.

4406— Engines (Rotary)

Augustine Automatic Rotary Engine Co. ("Augustine" Automatic), Buffalo, N. Y.
Chamberlain J. H. D. Co. ("Cooper" Gas & Steam), Springfield, Mass.



Hamilton High Duty Pumping Engines
Cane Sugar Machinery
Hamilton Air and Gas Compressors
Special Heavy Castings

WRITE FOR BULLETIN "H"

THE HOOVEN, OWENS, RENTSCHLER CO.

HAMILTON, OHIO, U. S. A.

Eagle-Macomber Motor Car Co., Sandusky, Ohio
Lucey Mfg. Corp. of Tenn. (Oil & Gas Well), Chattanango, Tenn.
Motsinger Rotary Engine Co., Fredonia, Pa.
Randolph L. W. Inc. (Steam), 9 Clinton, Newark, N. J.

4407-8—Engines (Self-Oiling)

American Blower Co., 1400 Russell, Detroit, Mich.
GRISCOM-RUSSELL CO., 92 West, New York *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

4409— Engines (Steam)

All other Lists of Engine Builders in this book are duplicates of this List, excepting Engines, Gas & Gasoline of various kinds, and Engines, Traction; Engines, Oil; Engines, Hot Air; Engines, Hoisting, & Locomotive Builders.

ALABAMA.

BIRMINGHAM—Birmingham Machine & Fdry. Co.
Continental Gin Co. (For Cotton Ginning Outfits)
Hardie-Tynes Mfg. Co. (Automatic & Throttling)
MONTGOMERY—Janney & Co.
SELMA—Union Iron Works Co.

ARKANSAS.

FORT SMITH—Ketcham Iron Co.

CALIFORNIA.

BERKELEY—Jackson Byron Iron Works (Cross Compound)
GRASS VALLEY—Taylor Foundry & Engineering Co.
LOS ANGELES—Fulton Engine Works
Union Iron Works
Union Tool Co.
SAN FRANCISCO—Badenhauser Co., Rialto bldg *See adv index at end of book*
California Hydraulic Engineering & Supply Co., 70 Fremont
Cyclops Iron Works, 837 Folsom
Evans C. H. & Co. (Marine), 187 Fremont
Garratt W. T. & Co., 299 Fremont
Golden State & Miners' Iron Works, 249 1st
Harron, Rickard & McCone, 139 Townsend
Hendy Joshua Iron Works (Automatic & Corliss), 75 Fremont
Murray Bros. Machine Works, 233 Folsom
Ocean Shore & Iron Wks., 550 8th
Ohmen Engine Works, 17th & Capp
Union Iron Works Co. (Automatic), 20th & Michigan
Vulcan Iron Works, 1849 Kearny
STOCKTON—Stockton Iron Works

COLORADO.

DENVER—Card C. S. Iron Works Co.
McFarlane Mfg. Co.
Stearns-Roger Mfg. Co.

CONNECTICUT.

BRIDGEPORT—American & British Mfg. Co. ("Corliss" or "Green Wheelock")
Coulter & McKenzie Machine Co. (Marine)
NEW HAVEN—Rowland Machine Co.
Twiss Nelson W. (Automatic)
NEW LONDON—New London Marine & Iron Works

DELAWARE.

WILMINGTON—Harlan & Hollingsworth Corporation (Marine), ft West
Pusey & Jones Co. (Stationary), ft Poplar

FLORIDA.

JACKSONVILLE—Merrill-Stevens Shipbuilding Corp. (Marine)

GEORGIA.

MACON—Mallery & Roper Co. (Center & Side Crank Balance Valve)
Schofield's J. S. Sons Co. (Plain Slide & Balanced Valve)
NEWNAN—Cole R. D. Mfg. Co. (Plain Slide & Balance Valve)
SAVANNAH—Kehoe Iron Works

ILLINOIS.

BELLEVILLE—Harrison Machine Works ("Jumbo")
CHICAGO—**ALLIS-CHALMERS MFG. CO.** ("Allis," Corliss, Peoples Gas bldg. *See adv index at end of book*
Buckeye Engine Co. (of Salem, O.), Marquette bldg.
Chicago Ship Building Co. (Marine), 101st & Calumet River
GRISCOM-RUSSELL CO. ("Russell" Automatic & 4 Valve Engines) *See adv index at end of book*
Haberkamp Wm. Machine Works, 442 Wells
Jennings Pump & Dredge Co., 305 N Michigan av
Marine Iron Works, 2036 Dominick
New York Blower Co. (Side & Center Crank), Archer av. & Canal, Works: Bucyrus, O.
Wachs E. H. Co. (Vertical), 1525 Dayton
WESTINGHOUSE ELECTRIC & MFG. CO. (of Pittsburgh, Pa.), Conway bldg.
GALENA—Westwick John & Son (2 to 20 H. P.)
GALESBURG—Frost Mfg. Co. (Automatic & Throttling, Side & Centre Crank)
JOLIET—Bates Machine Co.
LITCHFIELD—Litchfield Foundry & Machine Co.
MATTOON—Chuse Engine & Mfg. Co. (Single Valve, 30 to 400 H. P., Four-Valve, 75 to 450 H. P.)
ROCKFORD—Emerson-Brantingham Co.
SPRINGFIELD—Ide A. L. & Sons ("Ideal," Automatic Self-Oiling, Simple & Comp'd)
STREATOR—Graves L. L.

INDIANA.

ANGOLA—Angola Engine & Foundry Co.
BLUFFTON—Grimes Geo. W. Co.
BRAZIL—Crawford & McCrimmon Co.
EVANSVILLE—Holtz Co.
INDIANAPOLIS—Chandler & Taylor Co. (Automatic Cut-Off, Plain Slide Valve, Tandem Compounds, Cross Compounds, Single Valve, Throttling, Simple, Self-Contained, Heavy Duty, Splash Oiling, High Speed, etc)
Sinker-Davis Co.
LA PORTE—Rumely Leo Tractor Co. ("Rumely" Poppet Valve)

IOWA.

BURLINGTON—Murray Iron Works Co.
DES MOINES—Wood Bros. Thresher Co.
McDonnell Boiler & Iron Works
OTTUMWA—Ottumwa Iron Works (Also Air)

KANSAS.

ENTERPRISE—Ehrsam J. B. & Sons Mfg. Co.

KENTUCKY.

COVINGTON—Houston, Stanwood & Gamble Co. (Throttling, Standard, Duty, etc)
LEXINGTON—Lexington Engine & Boiler Works
LOUISVILLE—Grainger & Co.
Vogt Henry Machine Co.

LOUISIANA.

NEW ORLEANS—Dibert, Bancroft & Ross Co. Ltd., Tulane & Hagan av
Johnson Iron Works (Ltd.) Morgan & Sequin
Murphy Jno. H., 643 Magazine
Swoop Julian M. (Slide Valve), 913 Girod
SHREVEPORT—Henderson W. K. Iron Works & Supply Co.

MAINE.

BATH—Bath Iron Works, Ltd.
HALLOWELL—Davenport S. F. (Yacht) Fuller's G. Sons
MECHANIC FALLS—Penney J. W. & Sons Co. (Automatic, 8 to 35 H. P.)
PORTLAND—Adde & Co.
Orr & Jennings

MARYLAND.

BALTIMORE—Baltimore Dry Dock & Ship Bldg. Co., Locust Point
Cahill W. S. Co., ft of Webster
Codd E. J. Co., 700 S Caroline
Marine Engine & Boiler Co. (Marine), Philpot & Point
CUMBERLAND—McKaig Merwin (10 to 100 H. P.)
SPARROWS POINT—Maryland Steel Co. (Marine, etc)

MASSACHUSETTS.

BOSTON—Atlantic Works (Marine), 80 Border, East Boston
Bertelsen & Petersen Engineering Co., 256 Border
Fitzhenry E. L. & Co., 49 Wash'n N.
Lockwood Mfg. Co. (Marine), 65 Sumner, E. Boston
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston
STURTEVANT B. F. CO., ("Sturtevant"), 15 Damon, Hyde Park *See adv index at end of book*
BRIDGEWATER—Continental Gin Co.
FITCHBURG—Brown Engine & Machine Co. (Automatic, 650 H. P.)
Fitchburg Steam Engine Co. ("Fitchburg," Automatic, Simple & Compound Vertical, Horizontal & High Speed, 20 to 1,500 H. P.)
QUINCY—Fore River Shipbuilding Corp., (Marine)
TAUNTON—Mason Machine Works
WORCESTER—Burlingame A. Co. (High Speed Automatic & Semi-Portable)
Union Machine Co. (3 to 30 H. P.)

MICHIGAN.

ALMA—Montigel J. M.
ALPENA—Kline Lewis T.
COMSTOCK—Peer Mfg. Co. ("Climax" Automatic High Speed, Self Contained Centre Crank)
DETROIT—American Blower Co. ("A. B. C."), 1400 Russell
Detroit River Iron Works
Detroit Ship Building Co.
Fuller Co.
Great Lakes Engineering Works
HANCOCK—Portage Lake Foundry & Machine Co. (Stationary & Marine)
KALAMAZOO—Clarage Fan Co., North & Porter
Clark Engine & Boiler Co. (Horizontal & Vertical, up to 125 H. P.)
LAPEER—McDonald Wm. Sons
MARQUETTE—Lake Shore Engine Works (Corliss Hoisting, etc)
SAGINAW—Bartlett A. F. & Co. (Corliss, Slide Valve & Hoisting, etc)
ST. JOHNS—Richmond & Holmes
ST. JOSEPH—Engberg Electric & Mechanical Works

MINNESOTA.

DULUTH—**CLYDE IRON WORKS** *See adv index at end of book*
Duluth Iron Works
National Iron Co. (Automatic & Corliss)
MANKATO—Mankato Mfg. Co.

MISSISSIPPI.

CORINTH—Adams W. T. Machine Co.

MISSOURI.

KANSAS CITY—United Iron Works Co.
ST. LOUIS—Fritz Geo. J. Foundry & Machine Co., 2018 S 3rd
Fulton Iron Works, 1295 Delaware av
St. Louis Iron & Machine Works (Corliss), 126 Chonteau av
South St. Louis Foundry Co. ("Automatic" & Slide Valve), 7514 S B'way

NEBRASKA.

FREMONT—Fremont Foundry & Machine Co.

NEW HAMPSHIRE.

LANCASTER—Thompson Mfg. Co.
NASHUA—Rollins Engine Co. (Automatic Cut Off. 20 to 600 H. P.)

NEW JERSEY.

BOUNG BROOK—Bound Brook Engine & Mfg. Co. (High Speed)
BRIDGETON—Cox & Sons Co.
CAMDEN—New York Shipbuilding Co.
CARTERET—**WHEELER CONDENSER & ENGINEERING CO.** ("Wheeler") *See adv index at end of book*
HOBOKEN—Fletcher W. & A. Co.
JERSEY CITY — Griscom - Russell Co ("Russell" Automatic & 4 Valve Engines), 72 York *See adv index at end of book*
Smith Theo. & Sons Co., ft Essex
NEWARK—Hewes & Phillips Iron Works, 8 Orange
Mundy J. S., Hoisting Engine Co., 722 Frelinghuysen av. *See adv index at end of book*
Skinner & Leary Co., 19 Com'l
Watts-Campbell Co. (Improved Corliss), 298 Ogden
NEW BRUNSWICK—Brunswick Refrigerating Co.
PATERSON—Sipp Machine Co. (Miniature & Toy Engines)
PERTH AMBOY—Perth Amboy Dry Dock Co. (Marine or Stationary)
Schantz & Eckert (Marine, etc)
TRENTON—Mackenzie's Duncan Sons Co.

NEW YORK.

ALBANY—Skinner & Arnold (Marine & Stationary)
AUBURN—Quick & Thomas Co.
BALDWINSVILLE—Morris Machine Wks (1½ to 1000 H. P.)
BUFFALO—Augustine Automatic Rotary Engine Co. (5 H. P. & Up)
Buffalo Forge Co. (High Speed Automatic)
Buffalo Foundry & Machine Co., 65 Winchester av. *See adv index at end of book*
Buffalo Pitts Co.
Frontier Engine Works, 9 Perry
CLYDE—Wood S. W. Engine Co.
FRANKFORT—Acme Road Machy. Co. (Stationary & Portable)
MEDINA—Erie Pump & Engine Works, Inc. ("Erie"), 141 Glenwood av *See adv index at end of book*

NEW YORK CITY.

Borough of Brooklyn

BROOKLYN—Pioneer Iron Works, 149 Pioneer
Pioneer Machine Works, 75 Delevan

Boroughs of Manhattan and Bronx.

NEW YORK—Allis-Chalmers Mfg. Co. ("Allis," Corliss, Blowing, etc.), 50 Church
BEGGS JAMES & CO., 30 Warren, New York *See adv index at end of book*
Buckeye Engine Co., 39 Cortlandt. (See Salem, O.)
Gas Engine & Power Co., & Chas. L. Seabury & Co.., Morris Heights
GODFREY-KEELER CO. (Horizontal), 70 Warren *See adv index at end of book*
GRISCOM-RUSSELL CO. ("Russell" Automatic & 4 Valve Engines), 92 West *See adv index at end of book*
Hamilton-Low Co. (To Order Only), 145 E 42d
HOOVEN, OWENS, RENTSCHLER CO. ("Hamilton" Corliss & Medium Speed 4 Valve), 39 Cortlandt *See adv index at end of book*
Howard & Morse ("Solano" High Speed), 46 Fulton
LIDGERWOOD MFG. CO., 96 Liberty. New York *See adv index at end of book*
LUCEY MFG. CORP. (Internal Combustion), 233 B'way *For branch offices see Alphabetical Section*
MacKenzie, Quarrier & Ferguson, 2 Rector
Quintard Iron Works Co. (Marine), 742 E 12th
Rothchild Engine Co., 102 Centre
Struthers-Wells Co., 50 Church. Works: Warren, Pa.
STURTEVANT B. F. CO., ("Sturtevant"), 52 Vanderbilt av, Works: Hyde Park, Boston, Mass. *See adv index at end of book*
Sullivan John W. Co. (Marine), 827 E 9th
WESTINGHOUSE ELECTRIC & MFG. CO., THE, 165 B'way; Works: E Pittsburgh, Pa. *See adv index at end of book*
Wood River Iron Wks., 817 E. 9th
Worthington Pump & Machy. Corp. (High Speed), 115 B'way, New York *See adv index at end of book*

Borough of Queens.

LONG ISLAND CITY—L. I. Machine & Marine Construction Co., ft of East av

(End of New York City)

NUNDA—Foote Mfg. Co.
OLEAN—Clark Brothers Co.
OSWEGO—**AMES IRON WORKS** ("Vim Regal" Automatic and Throttling, "Ames Una-Flow" Automatic High Speed, 10 to 600 H. P.)
Kingsford Foundry & Machine Works
SYRACUSE—Barber Bros.
TROY—Knowlson & Kelley Co.
UTICA—Utica Steam Engine & Boiler Works
VERNON—Pohl Geo. D. Mfg. Co.

NORTH CAROLINA.

CHARLOTTE — Liddell Co. ("Chambers," Balanced Valve & Plain Slide Valve)
Mecklenburg Iron Works
GREENSBORO—Sergeant Mfg. Co.
WHITESTONE—Clark J. M.
WINSTON SALEM—Salem Iron Works (Centre Crank)

OHIO.

AKRON—Star Drilling Machine Co. (Upright)
Wellman-Seaver-Morgan Co. (Automatic, Corliss, Hoisting, etc)
BUCYRUS—New York Blower Co. (Side & Center Crank) (See Chicago, Ill.)
CINCINNATI—Lane & Bodley Co. ("Corliss," Four Valve Slide Valve), Tenn, av & Paddock rd
Randle Machinery Co., C. H. & D. Ry. & Powers, Cumville
Steigert L. Co., Logan & Elder
CLEVELAND—American Ship Building Co., ft. of W. 54th
Lord Bowler Co.
COLUMBIANA—Enterprise Co. (Automatic, 25 to 200 H. P.) (Center Crank, 25 to 45 H. P.)
DAYTON—Brownell Co. (Automatic & Slide Valve)
Dayton Engine Works
HAMILTON—**HOOVEN, OWENS, RENTSCHLER CO.** ("Hamilton," Corliss & Medium Speed 4 Valve) *See adv index at end of book*
LIMA—Golley & Finley Iron Works
MANSFIELD—Aultman & Taylor Machinery Co.
MARIETTA—Pattin Bros. Co.
MARION—Huber Mfg. Co. (Traction & Portable, 16 to 30 H. P.)
MOUNT VERNON—Cooper C. & G. Co. ("Corliss," "Rolling Mill")
NEWARK—Scheidler Machine Works Co.
POMEROY—Pomeroy Machine Co.
SALEM—Buckeye Engine Co. (Automatic; Simple & Compound, Horizontal & Vertical, Direct Connected or Belted, 25 H. P. Up)
SPRINGFIELD—Kelly O. S. Co.
Leffel James & Co. (Automatic, 10 to 50 H. P., also Throttling), 500 Lagonda
Trump Mfg. Co. (8 to 20 H. P.)
TOLEDO—Toledo Foundry & Machine Co.
Toledo Ship Building Co.
YOUNGSTOWN—United Engineering & Foundry Co.
ZANESVILLE—Griffith & Wedge Co.

OREGON.

ALBANY—Albany Iron Works
PORTLAND—Honeyman Hardware Co., 9th & Hoyt
Phoenix Iron Works (Marine)
Portland Iron Works, 14th & Northrup
Willamette Iron & Steel Works

PENNSYLVANIA.

BRADFORD—Bovaird & Co.
Boviard & Seyfang Mfg. Co.
CHESTER—Wetherill Robt. & Co. (Stationary)
CONNELLSVILLE—Connellsville Machine & Car Supply Co.
CORRY—Ajax Iron Works
DANVILLE—Danville Foundry & Machine Co.
EAST PITTSBURGH—**WESTINGHOUSE ELECTRIC & MFG. CO.** (Automatic) *See adv index at end of book*
ERIE—Ball Engine Co. (Single Valve, Automatic, 25 to 600 H. P.)
Bay State Iron Works (Stationary & Marine)
Erie City Iron Works (Four Valve Automatic Cut-Off, High & Medium Speed, Single Valve, Automatic Cut-off & Throttling Governor Engines, "Lentz" Patent)
Erie Engine Works (Automatic Cut-off, etc)
Llyod A.
Nagle Corliss Engine Works (Automatic)
Nagle Engine & Boiler Works (6 to 130 H. P.)
Skinner Engine Co. (50 to 750 H. P.)
HAMBURG—Snell John H. & Sons
HARRISBURG—Harrisburg Fdry. & Machine Works ("Fleming" Side & Center Crank Automatic)
KENNETT SQUARE—American Road Machinery Co.
LEBANON—Weimer Machine Works Co.
MAHANOY CITY—Grant Iron Works
MEADVILLE—Phoenix Iron Works Co. (Automatic, 20 to 600 H. P.)
NORRISTOWN—Newbold R. S. & Son Co. (Slide Valve)
OIL CITY—Oil City Boiler Works (20 to 150 H. P.)
Oil Well Supply Co.
PHILADELPHIA—Badenhausen Co., 1429 Chestnut
Baizley Jno. Iron Works, 514 S Delaware av
Bound Brook Engine & Mfg. Co. ("American Ball" Automatic), 1425 Chestnut
Cox & Sons Co., 5th & Chestnut
Cramp Wm. & Sons Ship & Engine Building Co. (Marine), Beach & Ball

ENGINES
EVERY TYPE FOR ANY DUTY
Vertical, Horizontal and High Speed Automatic Steam Engines. Portable Engines a Specialty.
GODFREY-KEELER CO., 70 Warren Street NEW YORK

GRISCOM-RUSSELL CO. ("Russell" Automatic & 4 Valve Engines) *See adv index at end of book*
PITTSBURGH—Carlin John H. Machine Co.
Combination Engine Co., 3148 Penn av
Mackintosh, Hemphill & Co. (Heavy Rolling Mills, etc)
MESTA MACHINE CO. *See adv index at end of book*
Milholland J. & J. B. Co. (Hoisting, Hauling, etc), 714 5th av
Oil Well Supply Co., 215 Water
Rees Jas. & Sons Co., 18 4th
United Engineering & Foundry Co., 307 5th av
READING—Orr & Sembower
Reading Iron Co.
RIDGWAY—Ridgway Dynamo & Eng. Co.
SCOTTDALE—Scottdale Machine & Mfg. Co. (Corliss)
SCRANTON—Finch Mfg. Co.
STROUDSBURG—Stroudsburg Engine Wks
TATAMY—Messinger Mfg. Co. (Automatic 3 to 25 H. P.)
TITUSVILLE—Titusville Iron Co.
Young E. R. & Sons
TROY—Troy Engine & Machine Co. (Jno. A. Parsons, Prop.)
TYRONE—Stine J. C. Co. (Haulage, etc)
WAYNESBORO—Frick Co.
WILLIAMSPORT—Rothfuss-Howard Iron Works
Valley Iron Works (Automatic, High Speed, Electric, Enclosed, Self Oiling)
YORK—Farquhar A. B. Co. (Ltd.) (Centre Crank)
Hench & Dromgold Co.
Motter's Geo. F. Sons

RHODE ISLAND.

BRISTOL—Herreshoff Mfg. Co. (Marine)
PROVIDENCE—American & British Mfg. Co. ("Corliss" & "Green Wheeloch"), Charles
Cruickshantk Engine Co., 286 Dyer
Excelsior Steam Engine & Machine Co., 32 Friendship
Fuller Iron Works, 40 Tockwotton
Harris-Corliss Engine & Machine Co. (Corliss Repairing a Specialty), Park
Providence Engineering Corp. ("Rice" & "Sargent," Corliss Type), 521 S Main

SOUTH CAROLINA.

ANDERSON—Anderson Machine & Foundry Co.
CHARLESTON—Valk & Murdoch Co.
COLUMBIA—Gibbes Machinery Co.
Willis John A.

TENNESSEE.

CHATTANOOGA—Casey-Hedges Co.
Lookout Boiler Mfg. Co.
Walsh & Weidner Boiler Co.
See adv index at end of book
Wheland Co. (Centre & Side Crank)
JACKSON—Southern Engine & Boiler Works (Corliss Slide Valve & Center & Side Crank)
MEMPHIS—Ellis Wm. C. & Sons Iron Works
NASHVILLE—Nashville Machine Co.
Stewart Bruckner Co.

TEXAS.

CORSICANA—American Well & Prospecting Co.
FORT WORTH—Van Zandt-Moore Iron Works
GALVESTON—McDonough Iron Works
Walsh & Cleary
SHERMAN—Washington Iron Works
TEXARKANA—De Marce Mrs. A.

UTAH.

SALT LAKE CITY—Salt Lake Iron & Steel Co.
Trent Engineering & Machinery Co.

VIRGINIA.

ALEXANDRIA—Aitcheson J. & H.
Emerson Engine Co.
BERKELEY—Old Dominion Marine Railway Corp'n
NEWPORT NEWS—Newport News Ship Building & Dry Dock Co. (Marine)
NORFOLK—Godwin, Thos. W. & Co.
Smith & McCoy

WASHINGTON.

SEATTLE—Heffernan Engine Works
Northwestern Iron Works (Marine)
Seattle Construction & Dry Dock Co.
Washington Iron Works (Slide Valve)
SPOKANE—National Iron Works
Union Iron Works
TACOMA—Puget Sound Iron & Steel Works

WEST VIRGINIA.

CLARKSBURG—Osborn's J. F. Sons
PARKERSBURG—Parkersburg Machine Co. (For Oil Country)

WISCONSIN.

EAU CLAIRE—Phoenix Mfg. Co. (Heavy Duty, Rocking Valve Slide)
MANITOWOC—Manitowoc Shipbuilding Co. (Marine)
Richards H. C.
MILWAUKEE—**ALLIS-CHALMERS MFG. CO.** ("Allis" Corliss, Blowing) *See adv index at end of book*
Bayley Mfg. Co. (Horizontal & Vertical, Solid & Center Crank Type)
Filer & Stowell Co. (Slide Valve, Rocking Valve, etc)
Nordberg Mfg. Co. (Corliss, Blowing, Hoisting, Reversing, etc)
VILTER MFG. CO. (Corliss & Slide Valve), 1046 Clinton *See adv index at end of book*
RHINELANDER—Rhinelander Iron Co.
SHEBOYGAN—Optenberg Iron Works
SUPERIOR—Superior Ship Building Co. (Marine "Jumbo")

Engines (Steam Turbine)

See Turbines, Steam

4410-1—Engines (Steering)

Am. Clay Machinery Co., So. Walnut Bucyrus, O.
ELMES CHAS. F. ENGINEERING WKS. (INC.), cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

4412— Engines (Swinging)

See also Engines, Hoisting

CLYDE IRON WORKS, Duluth, Minn. *See adv index at end of book*
Dobbie Foundry & Machine Co., Main Office & Works: Niagara Falls, N. Y.
LIDGERWOOD MFG. CO. (For Swinging Derricks), 96 Liberty, New York *See adv index at end of book*
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
National Iron Co., Duluth, Minn.
Stroudsburg Engine Wks., Stroudsburg, Pa.
Superior Iron Works Co., Superior, Wis.

4413—Engines (Traction, Gasoline)

Abenaque Machine Works ("Abenaque") Westminster Station, Vt.
Advance Mfg. Co. ("Hamilton Advance"), Hamilton, O.
Advance-Rumely Co. ("All Purpose," "Advance," "Gear Scott," "Tiger Pull"), La Porte, Ind.
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
American Gas Engine Co. ("Weber"), Kansas City, Mo.
Angola Engine & Foundry Co., Angola, Ind.
Aultman & Taylor Machinery Co. (3 Sizes: 18-36, 25-50 & 30-60 H. P.), Mansfield, Ohio
Avery Co. ("Avery"), Peoria, Ill.
Badger Gas & Gasoline Engine Co., Kansas City, Kan.
Bates Tractor Co. ("Bates"), Lansing, Mich.
Bauroth Bros., Springfield, O.
Beeman Garden Tractor Co. ("Beeman"), 311 6th av, S, Mineapolis, Minn.
Best C. L. Gas Traction Co. ("Best"), Oakland, Cal.
Buckeye Mfg. Co. ("Lambert," 10-15 & 25 H P), Anderson, Ind.
Buffalo-Pitts Co., Buffalo, N. Y.
Bull Tractor Co. ("Big Bull"), 2628 Univ. av S E, Minneapolis, Minn.
Bullock Tractor Co. ("Creeping Grip"), 1801 Diversey blvd, Chicago, Ill.
Case J. J. Threshing Machine Co. ("Case"), Racine, Wis.
Chief Tractor Mfg. Co. ("Chief"), Ecorse, Detroit, Mich.
Cleveland Tractor Co. ("Cleveland"), Cleveland, O.
Cleveland Tractor Co., Cleveland, O.
Corn Belt Tractor Co. ("Corn Belt"), 2701 Univ. av S E, Minneapolis, Minn.
Cushman Motor Works, Lincoln, Neb.
Dauch Mfg Co. ("Sandusky"), Sandusky, Ohio
Davis Sewing Machine Co. ("C. L. Best"), Dayton, O.
Dayton-Dick Co. ("Leader"), Quincy, Ill.
Denning Tractor Co. ("Denning"), Cedar Rapids, Ia.
Detroit Engine Works, Detroit, Mich.
Diamond Iron Works ("Diamond" Gas), 2d & 18th av, N Minneapolis, Minn.
Doman H. C. Co., Oshkosh, Wis.
Eagle Mfg. Co. (Gas "Eagle"), Appleton, Wis.
ELECTRIC WHEEL CO., Station D, Quincy, Ill. *See adv index at end of book*
Elliott G. W. & Co. ("Dakota"), De Smet, S. Dak.
Emerson-Brantingham Co. ("Big Four," "Emerson," "Reeves"), Rockford, Ill.
Enterprise Machinery Co., 1118 S 3d, Minneapolis, Minn.
Fairmont Gas Engine & Ry. Motor Car Co. (Farm Tractor), Fairmont, Minn.
Famous Mfg. Co. ("Champion"), East Chicago, Ind.
Farquhar A. B. Co., Ltd., York, Pa.
Galion Iron Works & Mfg. Co., Galion, O.
Gile Tractor & Engine Co. ("Gile"), Ludington, Mich.
Gray Tractor Co. ("Gray"), 30th av, S E, & N. P. tracks, Minneapolis, Minn.
Happy Farmer Co. ("Happy Farmer"), 322 3d av, Minneapolis, Minn.
Hart-Parr Co. ("Hart-Parr," "Little Devil," "Oil King," "Old Reliable," "Steel King"), Charles City, Ia.
Heer Engine Co. ("Heer"), Portsmouth, O.
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
Hoke Tractor Co. ("Hoke"), South Bend, Ind.
Holmes Tractor Co. ("Holmes Little Giant"), Port Clinton, O.
Holt Mfg. Co. (Caterpillar Type), Peoria, Ill.
Huber Mfg. Co. ("Huber Light 4"), Marion, O.
Hume Mfg Co. ("Hume Junior"), Hume, Ill.
Joliet Oil Tractor Co. (Bates Steel Mule), Joliet, Ill.
Kansas City Hay Press Co. (10 to 40 H P), Kansas City, Mo.
Killen-Strait Mfg. Co. ("Straits"), Appleton, Wis.
Kinnard-Haines Co. ("Kinnard," "Flour City"), 44th av N & Bryant, Minneapolis, Minn.
Knox Motors Co. ("Knox"), Springfield, Mass.
Lauson John Mfg. Co. ("Lauson"), New Holstein, Wis.
Lawter Tractor Co. ("Lawter"), St. Marys, Ohio
Lion Tractor Co. ("Lion"), Sec. Bk. bldg, Minneapolis, Minn.
McIntyre Mfg. Co. ("Farmer Boy"), 172 W Locust, Columbus, O.
Mayer Bros. Co., Mankato, Minn.
Minneapolis Threshing Machine Co., 226 N 2d, Minneapolis, Minn.
Moline Plow Co. ("Moline Universal"), Moline, Ill.
Monarch Tractor Co. ("Neverslip"), Watertown, Wis.
Morton Truck & Tractor Co. ("Morton"), Harrisburg, Pa.
New Way Motor Co., Lansing, Mich.
Nilson Farm Machine Co. ("Nilson"), 426 Wash av N, Minneapolis, Minn.
Ohio Mfg. Co. ("Whitney" Tractors), Upper Sandusky, O.
Orchard Machy. Mfg. Co., Gasport, N. Y.
Parrett Tractor Co. ("Parrett"), 343 S Dearborn, Chicago, Ill.
Peoria Tractor Co. ("Peoria"), Peoria, Ill.
Phoenix Mfg. Co., Eau Claire, Wis.
Pioneer Tractor Mfg. Co. ("Pioneer"), Winona, Minn.
Pittsburgh Model Engine Co. (4 & 6 Cylinder Vertical), Pittsburgh, Pa.

ENGINES (Traction, Gasoline)—continued

Price G. W. Pump & Engine Co., 33 Stevenson, San Francisco, Cal.
Quincy Engine Co., Chambersburg, Pa.
Reliable Engine Co., Portsmouth, O.
Rock Island Plow Co. ("Heider"), Rock Island, Ill.
Rumely Leo Tractor Co. ("Hoosier"), La Porte, Ind.
Russell & Co., Massillon, O.
St. Paul Machinery Mfg. Co. ("St. Paul"), Como & Marion, St. Paul, Minn.
Shirk P. E., Blue Ball, Pa.
Simplex Tractor Co. ("Simplex"), 1611 Central av, Minneapolis, Minn.
Standard Detroit Tractor Co. ("Standard Detroit"), 1506 Fort, W, Detroit, Mich.
Stickney Chas. A. Co., Tillmore & Starkey, St. Paul, Minn.
Stover Engine Works, Freeport, Ill.
Strite Tractor Co., 307 S 3d, Minneapolis, Minn.
Sweeney Tractor Co. ("Sweeney's Iron Horse"), Kansas City, Mo.
Transport Tractor Co., 801 Vernon av, Long Island City, N. Y.
Vincennes Tractor Co., Vincennes, Ind.
Waite Tractor Co. ("Waite"), Elgin, Ill.
Wallis Tractor Co. ("Wallis," "Cub" & "Bear"), Racine, Wis.
Ward Tractor Co. ("Ward"), Lincoln, Neb.
Waterloo Gasoline Engine Co., ("Waterloo Boy"), 625 Miles, Waterloo, Ia.
Weber & Damme Wagon Co. ("Parrett," all Purposes) 1621 Broadway, St. Louis, Mo.
Worthington Pump & Machy. Corp. ("Ingeco"), 115 B'way, New York
See adv index at end of book
YUBA MFG. CO., Marysville, Cal. & 433 California, San Francisco, Cal.

4413a—Engines (Traction, Kerosene)

Advance-Rumely Co. ("Oil-Pull" 15 to 20 h. p.). La Porte, Ind.
American Gas Engine Co. ("Weber"), Kansas City, Mo.
American Tractor Co. ("American Oil"), Des Moines, Ia.
Avery B. F. & Sons ("Louisville-Avery"), Louisville, Ky.
Avery Co., Peoria, Ill.
Bates Tractor Co., Lansing, Mich.
Case J. I. Threshing Machine Co., Racine, Wis.
Cleveland Motor Plow Co., Euclid, O.
C. O. D. Tractor Co. (13 to 25 H. P.), Minneapolis, Minn.
Cleveland Tractor Co. ("Cleveland"), Euclid & Lamb av, Cleveland, O.
Climax Engineering Co., Clinton, Ia.
Davis Sewing Machine Co. ("C. L. Best"), Dayton, O.
Dayton Dick Co. ("Leader"), Quincy, Ill.
Detroit Engine Works ("Wadsworth" Light), Detroit, Mich.
Doman H. C. Co., Oshkosh, Wis.
Emerson-Brantingham Co. ("Big Four," "Reeves"), Rockford, Ill.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Hart-Parr Co., Charles City, Ia.
Holt Mfg. Co. (Caterpillar Type), Peoria, Ill.
Joliet Oil Tractor Co., Joliet, Ill.
Mayer Bros. Co., Mankato, Minn.
Minneapolis Steel & Machinery Co. ("Twin City"), 29th & Drexel, Minneapolis, Minn.
Morton Truck & Tractor Co. ("Morton"), Harrisburg, Pa.
Ohio Mfg. Co., Upper Sandusky, Ohio
Parrett Tractor Co. ("Parrett"), 343 S Dearborn, Chicago, Ill.
Peoria Tractor Co. ("Peoria"), Peoria, Ill.
Pittsburgh Model Engine Co. (4 & 6 Cylinder Vertical), Pittsburgh, Pa.
Vail-Rentschler Tractor Co., Hamilton, O.
Waterloo Gasoline Engine Co. ("Waterloo Boy"), Waterloo, Ia.
Worthington Pump & Machy. Corp. ("Ingeco"), 115 B'way, New York
See adv index at end of book

4414—Engines (Traction, Steam)

CALIFORNIA.

STOCKTON—Holt Mfg. Co.

ILLINOIS.

BELLEVILLE—Harrison Machine Works ("Jumbo")
PEORIA—Avery Co. ("Avery") Steam) Holt Mfg. Co.
ROCKFORD—Emerson Brantingham Co. ("Reeves" Compound, "Geiser Peerless," "Big Four")

INDIANA.

EVANSVILLE—Heilman Machine Works
LA PORTE—Rumely Leo Tractor Co. ("Advance," "Gear-Scott," "Rumely")
MOUNT VERNON—Keck-Gonnermann Co.

IOWA.

CARROLL—Heider Mfg. Co.
CHARLES CITY—Hart-Parr Co. (Oil Gasoline & Kerosene)
DES MOINES—Wood Bros. Thresher Co.
WATERLOO—Waterloo Gasoline Engine Co.

MICHIGAN.

BATTLE CREEK—Nichols & Shepard Co.
LANSING—Olds Motor Works
PORT HURON—Port Huron Engine & Thresher Co. ("Port Huron" Simple & Compound)

MINNESOTA.

FAIRMONT—Fairmont Gas Engine & Ry. Motor Car Co. (Farm Tractors)
HOPKINS—Minneapolis Threshing Machine Co.
MINNEAPOLIS—Minneapolis Threshing Machine Co., 226 N 2d

MISSOURI.

KANSAS CITY—Kansas City Hay Press Co.

NEW YORK.

BUFFALO—Buffalo Pitts Co.
CLYDE—Wood S. W. Engine Co.
FRANKFORT—Acme Road Machy. Co.

NEW YORK CITY.

Boroughs of Manhattan and Bronx.
Gerdes & Co., 42 Church
See adv index at end of book

SCHENECTADY—Westinghouse Co.

OHIO.

MANSFIELD—Aultman & Taylor Machinery Co. ("Aultman-Taylor," 14 to 25 H. P.)
MARION—Huber Mfg. Co.
MASSILLON—Russell & Co. ("Boss," "Russell")

NEWARK—McNamar Julius J. P.
Scheidler Machine Works Co. (10 to 16 H. P.)
SPRINGFIELD—Kelly O. S. Co.
SWANTON—Baker A. D. Co. ("Baker" Special Contractors' Engines)

PENNSYLVANIA.

KENNETT SQUARE—American Road Machinery Co.
TATAMY—Messinger Mfg. Co.
WAYNESBORO—Frick Co. ("Eclipse," Wood & Coal)
YORK—Farquhar A. B. Co. (Ltd.) ("Farquhar" Double Cylinder, "Pennsylvania")

WISCONSIN.

RACINE—Case J. I. Threshing Machine Co. ("Case")

4415—Engines (Traction, Straw Burning)

Aultman, Taylor Machinery Co. (20 & 25 H. P.), Mansfield, O.
Avery Co. ("Avery"), Peoria, Ill.
Buffalo Pitts Co. ("Buffalo Pitts"), Buffalo, N. Y.
Case J. I. Threshing Machine Co. ("Case"), Racine, Wis.
Emerson-Brantingham Co. ("Geiser Peerless," "Reeves"), Rockford, Ill.
Farquhar A. B. Co. (Ltd.) ("Farquhar Style K," "Pennsylvania"), York, Pa.
Huber Mfg. Co. ("New Huber"), Marion, O.
Minneapolis Threshing Machine Co. ("Minneapolis"), 226 N 2d, Hopkins, Minn.
Nichols & Shepard Co. ("Nichols-Shephard"), Battle Creek, Mich.
Rumely Leo Tractor Co. ("Advance," "Gear Scott," "Rumely"), La Porte, Ind.
Russell & Co. ("Massillon"), Massillon, O.
Wood Bros. Thresher Co. ("Wood Bros."), Des Moines, Ia.

4416—*Engines (Unaflow Type,

AMES IRON WORKS ("Ames"), Oswego, N. Y.
MESTA MACHINE CO., Pittsburgh, Pa.
See adv index at end of book

4417— Engines (Vertical)

This List is duplicated under the head of Engines, Steam

CALIFORNIA.

SAN FRANCISCO—Union Gas Engine Co. (Gas), 24 California
Union Iron Works Co. (25 to 100 H. P.), 20th & Michigan

CONNECTICUT.

NEW HAVEN—Twiss Nelson W. (2 to 25 H. P.)

ILLINOIS.

CHICAGO—Buckeye Engine Co. (of Salem, O.), Marquette bldg
Jennings Pump & Dredge Co., 305 N Michigan av
New York Blower Co., Archer av & Canal, Works: Bucyrus, O.
JOLIET—Bates Machine Co. (Automatic High Speed)

IOWA.

BURLINGTON—Murray Iron Works Co., Canal. Works: Bucyrus, O.

MASSACHUSETTS.

BOSTON—**STURTEVANT B. F. CO.,** ("Sturtevant" Open or Closed Type), 15 Damon, Hyde Park
See adv index at end of book
FITCHBURG—Fitchburg Steam Engine Co. (20 to 400 H P)

MICHIGAN.

ALMA—Mo. Sigel J. M.

COMSTOCK—Peer Mfg. Co. ("Climax" Automatic)
DETROIT—American Blower Co. (Enclosed Self-Oiling), 1400 Russell
Great Lakes Engineering Works (Slide Crank, Marine, etc)
KALAMAZOO—Clark Engine & Boiler Co. (Horizontal & Vertical, Up to 125 H P)
Dutton C. H. Co. (1 to 16 h. p. "Jewel")

MISSOURI.

ST. LOUIS—Fritz Geo. J. Foundry & Machine Co., 2018 S 3d

NEW JERSEY.

CARTERET—**WHEELER CONDENSER & ENGINEERING CO.** ("Wheeler")
See adv index at end of book

NEW YORK.

BALDWINSVILLE—Morris Machine Wks (1½ to 1000 h. p.)
MEDINA—Erie Pump & Engine Works, Inc., 141 Glenwood av
See adv index at end of book

NEW YORK CITY.

Borough of Brooklyn

BROOKLYN—Pioneer Iron Works, 149 Pioneer

Boroughs of Manhattan and Bronx.

NEW YORK—Buckeye Engine Co. (of Salem, O.) ("Ingeco," Gas & Gasoline), 39 Cortlandt
Gerdes & Co., 42 Church
See adv index at end of book

TRACTION ENGINES
Steam and Gas
GERDES & COMPANY
42 Church St., N. Y. C.

GODFREY-KEELER CO., 70 Warren
See adv index at end of book
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book
SYRACUSE—Barber Bros.

OHIO.

BUCYRUS—New York Blower Co. (See Chicago, Ill.)
CLEVELAND—Buckeye Engine Co. (of Salem, O.), New England bldg
RAVENNA—Byers John F. Machine Co., 242 S Sycamore
See adv index at end of book
SALEM—Buckeye Engine Co.
SPRINGFIELD—Leffel James & Co. (3 to 7 H. P.), 500 Lagoda
TOLEDO—Toledo Ship Building Co.

PENNSYLVANIA.

EAST PITTSBURGH—**WESTINGHOUSE ELECTRIC & MFG. CO.**
See adv index at end of book
ERIE—Nagle Engine & Boiler Works (4 to 50 H. P.)
PHILADELPHIA—Rich J. & G., 120 N 6th
READING—Orr & Sembower (Also Horizontal)
TATAMY—Messinger Mfg. Co.
YORK—Farquhar A. B. Co. (Ltd.)

RHODE ISLAND.

PROVIDENCE—Cruickshank Engine Co. (2 to 35 H P), 286 Dyer

WISCONSIN.

MILWAUKEE—Bayley Mfg. Co. (Automatic)
SHEBOYGAN—Optenberg Iron Works

4418—Engines (Washing, Paper Mill)

Clark H. C. & Son Machine Co., Lee, Mass.
Dillon Machine Co., Lawrence, Mass.
Dilts Machine Works (Inc.), Fulton, N. Y.
Holyoke Machine Co., Holyoke, Mass.
Horne J. H. & Sons Co., Lawrence, Mass
Mills Machine Co., Lawrence, Mass.
Noble & Wood Machine Co., Hoosick Falls, N. Y.
Valley Iron Works Co., Appleton, Wis.

4418a—*Engines (Water Works, Pumping)

WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book

4419— Engines (Winding)

Cooper C. & G. Co., Mt. Vernon, O.
Hendy Joshua Iron Works (Air, Electric, Hydraulic & Steam Driven), 75 Tremont, San Francisco, Cal.
Lane & Bodley Co., Tenn. av & Paddock rd, Cincinnati, O.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
Toledo Ship Building Co. (Also Mooring), Toledo, O.
Wellman-Seaver-Morgan Co. (Direct Acting), Cleveland, O.

Engines (Yacht or Launch)

See Engines, Marine, Gasoline; also Engines, Oil

4419a— *Engines (Yarding)

STREET BROS. MACHINE WORKS, Chattanooga, Tenn.
See adv index at end of book

4419b—Engraving (On Ivory Py-ra-lin)

The Arlington Works (E. I. du Pont de Nemours & Co.), 21 E 40th, New York

4419c— Entrances (Bronze)

Tyler W. S. Co. (Also Iron), Cleveland, O.
See adv index at end of book

4420—*Entrances (Copper & Bronze Covered)

GORHAM CO. ARCH'L BRONZE, 5th av & 36th, New York
See adv index at end of book

4421—*Entrances (Hollow Metal)

DAHLSTROM METALLIC DOOR CO., 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book

4422— *Entry Drivers (Coal)

Ingersoll-Rand Co. ("Gibson"), 11 B'way, New York *See adv index at end of book*

4423—Envelopes (Catalog, Merchandise & Tag)

American Envelope Co., West Carrollton, Ohio
American Mfg. Co. (Tag), Battle Creek, Mich.
American Paper Goods Co., Kensington, Conn.
Am. Papeterie Co., Albany, N. Y.
American Papeterie & Envelope Co., Quincy, Ill.
American Tag Co. (Tag), 6133 S State, Chicago, Ill.
Berkowitz Envelope Co., Kansas City, Mo.
Berlin & Jones Envelope Co., 547 W 27th, New York
Birnie Paper Co., Springfield, Mass.
Bushnell Alvah Co. ("Peperoid" Flat & Exp Mallets, Mailing, Envelopes, Filing Pockets, etc), 927 Filbert, Phila., Pa.
Carpenter W. B. Co., 422 Main, Cincinnati, Ohio
Chicago Envelope Co. (Merchandise), 59 E Madison, Chicago, Ill.
Cohen Chas. J., 510 Ludlow, Phila., Pa.
Commercial Box & Envelope Co., Chester, Pa.
Continental Paper Bag Co., 17 Battery pl, New York
Cupples Sam'l Envelope Co., 7 Laight, New York
Denney Tag Co. (Tag), Wes Chester, Pa.
Diemer John F. Co. ("Leatherette Expanding Envelopes, Mailing Box Envelopes, etc), 67 Cortlandt, New York
Gair Robert Co., 50 Washington, Brooklyn, N. Y.
Goodbody Wm. (Mailing), 505 W B'way, New York
Hinde & Dauch Paper Co., (Corrugated Paper Mailing), Sandusky, O.
Hults E. H. Jr., 25 N 6th, Phila., Pa.
Improved Mailing Case Co. (Letter & Package), 309 B'way, New York
Jeffrey Louis Mfg. Co. (Metallic Clasp Merchandise), 78th & Brunswick av, Phila., Pa.
Landa A. & Sons Co. (Leather & Cloth Document), 1706 Foster av, Chicago, Ill.
Modern Mfg. Co. (Metal Clasp), 543 N Lawrence, Phila., Pa.
National Expanding Envelope Co., 110 Worth, New York
National Fiberstock Envelope Co., 34 E Allen, Phila., Pa
Niagara Envelope, Manufactory, Buffalo, N. Y.
Neostyle Envelope Co. (Merchandise), 5 S Wabash av, Chicago, Ill.
Raynor & Perkins Envelope Co. (Letter), 220 William, New York
Salisbury Mfg. Co. (Clasp, Tag, etc), 14 Leather av, Providence, R. I.
Security Envelope Co. (Hand Fold), 29th & 5th av S, Minneapolis, Minn.
Sefton Mfg. Corp. (Mailing), 1301 W 35th, Chicago, Ill.
Sewell-Clapp Envelopes Co. (Mailing), 23 N Desplaines, Chicago, Ill.
Sherman Envelope Co., Worcester, Mass.
Smead Mfg. Co. ("Bandless" Document), Hastings, Minn.
Spangler E. J. Co., 1237 N Howard, Philadelphia, Pa.
Taylor-Atkins Paper Co., Burnside, Conn.
Tension Envelope Co. (Package), 87 34th, Brooklyn, N. Y.
Thomas Stationery Mfg. Co. (Tag), Springfield, O.
Thompson & Norris Co. (Corrugated), Concord & Prince, Brooklyn, N. Y.
U. S. Envelope Co., Springfield, Mass.
U. S. Paper Goods Co., 1224 W 8th, Cincinnati, O.
Whiting Paper Co., Holyoke, Mass.
Worcester Envelope Co., Worcester, Mass.

4424— Envelopes (Coin)

Salisbury Mfg. Co., 14 Leather av, Providence, R. I.
Union Envelope Co., Richmond, Va.
Worcester Envelope Co., Worcester, Mass.

4425— Envelopes (Filing)

Diemer Jno. F. Co., 67 Cortlandt, New York
Graff Geo. B. Co. ("Steel-Eye"), 294 Washington, Boston, Mass.
Smead Mfg. Co. ("Bandless"), Hastings, Minn.

4426— Envelopes (Leather)

Warren Leather Goods Co., Worcester, Mass.

4427—Envelopes (Plain & Printed)

Alling & Cory Co., Rochester, N. Y.
American Envelope Co., 817 Washington blvd, Chicago, Ill.
American Envelope Co., West Carrollton, Ohio
American Paper Goods Co., Kensington, Conn.
Am. Papeterie Co., Albany, N. Y.
American Paper Products Co. (Church & Sunday School Collection Envelopes), East Liverpool, Ohio
Atlanta Envelope Co., Atlanta, Ga.
Berkowitz Envelope Co., Kansas City, Mo.
Berlin & Jones Envelopes Co., 547 W 27th, New York
Birnie Paper Co., Springfield, Mass.
Bourke-Rice Envelope Co., 511 W Jackson blvd, Chicago, Ill.
Buffalo Envelope Co., 268 Michigan av, Buffalo, N. Y.
C. & M. Envelope Co., 535 Pearl, New York
California Envelope Co. (Plain), 31 Minna, San Francisco, Cal.
Centralia Envelope Co., Centralia, Ill.
Cincinnati Envelope Co., 9th & Sycamore, Cincinnati, O.
Cohen Chas. J., 510 Ludlow, Phila., Pa.
Columbia Envelope Co., 349 W Austin av, Chicago, Ill.
Crunden-Martin Mfg. Co., 2d & Gratiot, St. Louis, Mo.
Cupples Sam'l Envelope Co., 7 Laight, New York
Diem & Wing Paper Co., Gilbert av, Cincinnati, O.
Diemer John F. Co., 67 Cortlandt, New York
Eaton, Crane & Pike Co., Pittsfield, Mass.
Fibre Container Co. of Pa. Monayunk, Phila., Pa.
Goodbody Wm., 505 W B'way, New York
Gopher Envelopes Co., 500 S 5th, Minneapolis, Minn.
Griffin Envelope Co., 25 Fremont, San Francisco, Cal.
Hesse Envelope & Lithograph Co., 501 N 1st, St. Louis, Mo.
Heywood Mfg. Co., 420 N 3rd, Minneapolis, Minn.
Holyoke Envelope Co., Holyoke, Mass.
Hoyler Envelope Co., 411 S Jefferson, Chicago, Ill.
Improved Mailing Case Co., 309 B'way, New York

ENVELOPES (Plain & Printed)—continued
Jewell & Co., 1302 Filbert, Phila., Pa.
Jones Wm. C., 154 W 18th, New York
Keevil A. S., 210 N 4th, St. Louis, Mo.
Kellogg P. P. & Co., Springfield, Mass.
Logan, Swift & Brigham, Envelope Co. Division: Worcester, Mass.
Luck C. H. Envelope Co., 701 S La Salle, Chicago, Ill.
Mercantile Corp'n, 120 B'way, New York
Moffat Paper Goods Co., New Haven, Conn.
Montag Bros., Atlanta, Ga.
Morgan Envelope Co. Div., Springfield, Mass.
Morgan Envelope Co., Springfield, Mass.
National Envelope Co., 424 W Liberty, Cincinnati, O.
National Envelope Co., Waukegan, Ill.
Neostyle Envelope Co., 5 S Wabash av, Chicago, Ill.
New England Envelope Co., Worcester, Mass.
Niagara Envelope Manufactory, Buffalo, N. Y.
Orgler Envelope Co., 66 Duane, New York
Pacific Coast Envelope Co., 400 2nd, San Francisco, Cal.
Plimpton Mfg. Co., Hartford, Conn.
Powers Paper Co. (Stationary), Springfield, Mass.
Raynor & Perkins Envelope Co., 220 William, New York
Schnur Peter Printing Co., Joplin, Mo.
Security Envelope Co., 2900 5th av S, Minneapolis, Minn.
Sewell-Clapp Envelopes Co., 23 N Desplaines, Chicago, Ill.
Sherman Envelope Co., Worcester, Mass.
Spangler E. J. Co., 1237 N Howard, Philadelphia, Pa.
Standard Envelope Co., 257 Diamond, Phila., Pa.
Taylor-Atkins Paper Co., Burnside, Conn.
Thomas Stationery Mfg. Co., Springfield, O.
Transo Envelope Co., 3550 Kimball av, Chicago, Ill.
Union Envelope Co., Richmond, Va.
U. S. Envelope Co., Springfield, Mass.
U. S. Paper Goods Co., 1224 W 8th, Cincinnati, O.
Universal Envelope Co., Inc., 13 Park av, New York
Ward Samuel Mfg. Co., 299 Atlantic av, Boston, Mass.
Weaver Mailing Envelope & Box Co., 243 S 3rd, Phila., Pa.
Whitcomb Envelope Co., Worcester, Mass.
White, Corbin & Co., Rockville, Conn.
Whiting-Patterson Co., 11th & Race, Philadelphia, Pa.
Wolf Bros., 330 N 12th, Phila., Pa.
Wolf Envelope Co., 1270 Ontario av Cleveland, O.
Worcester Envelope Co., Worcester, Mass

4428—Envelopes (Pliable Metal)

Modern Mfg. Co., 543 N Lawrence, Philadelphia, Pa.

Epsom Salts

(See Magnesium Sulphate.)

4429-30—Equalizers or Eveners

Adams E. B. & Son ("Adams," "Eureka," "Steel Giant" 3 Horse), Racine, Wis.
Avery B. F. & Sons, Louisville, Ky.
Case J. I. Plow Works, Racine, Wis.
Diamond Forging & Mfg. Co. ("Everlasting"), Chartiers & Ridge av, Pittsburgh, Pa.
Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.
Fort Madison Plow Co. ("No. 13")), Ft. Madison, Ia.
Fort Smith Rim & Bow Co. ("Hickory"), Ft. Smith, Ark.
Gross Co. (Plow Eveners), Carroll, Ia.
Harvey Spring & Forging Co. ("Eureka," "Harvey," "Racine," "Western," "Winner"), Racine, Wis.
Heider Mfg. Co., Carroll, Ia.
La Crosse Plow Co., La Crosse, Wis.
Mason F. C. & Co., St. Johns, Mich.
Owatonna Fanning Mill Co., Owatonna, Minn.
Owens J. L. Co., Fulton & S E Huron, Minneapolis, Minn.
Prouty C. & Co., Eldred, Pa.
Racine General Mfg. Co. ("Racine"), Racine, Wis.
Racine-Sattley Co. ("Sattley"), Springfield, Ill.
Rock Island Plow Co., Rock Island, Ill.
Torrey Bros. Co., Central Village, Conn.
U. S. Pressed Steel Co. ("U. S."), Ypsilanti, Mich.

4431— Eradicators (Ink)

Pease C. F. Co., 220 W Institute pl, Chicago, Ill.

4432— Erasers (Blackboard)

Caxton School Supply Co. 560 W Monroe, Chicago, Ill.
Flanagan & Co., 521 S Wabash av, Chicago, Ill.
Hammett J. L. Co., Kendall sq, Cambridge, Mass.
Hyde W. L. & Co., 94 Blackstone, Boston, Mass.

4433—Erasers (Draughtsmen's)

Coates Clipper Mfg. Co. (Electric), Worcester, Mass.
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Elliott B. K. Co., 126 6th, Pittsburgh, Pa.
Pease C. F. Co., 220 W Institute pl, Chicago, Ill.

4434— Erasers (Ink)

Beegee Co., 1133 B'way, New York
Blaisdell Paper Pencil Co., 14 Berkeley, Phila., Pa.
Canton Cutlery Co., Canton, O.
Challenge Cutlery Corp., Bridgeport, Conn.
Crystal Mfg. Co., Syracuse, N. Y.
Graef & Schmidt ("Twin Brand" Imp), 107 Chambers, New York
Landers, Frary & Clark, New Britain, Conn.
Miller Bros. Cutlery Co. (Steel), Meriden, Conn.
Napanoch Knife Co., Napanoch, N. Y.
Novelty Cutlery Co., Canton, O.
Polar Mfg. Co., 101 N Marshall, Phila, Pa.
Rose Wm. & Bros., Sharon Hill, Pa.
Ross, Jos. & Co., Irvington, N. J.
Schnefel Bros., 684 S 17th, Newark, N. J.
Turner Bros. ("Sterling"), 1022 Arch, Phila., Pa.
Wallace R. & Sons Mfg. Co., Wallingford, Conn.
Wostenholm Geo. & Son ("I. X. L." Imp), 105 Chambers, New York

4435— Erasers (Ink, Brush)

Cushman & Denison Mfg. Co. ("Cado"), 240 W 23d, New York
Rush Eraser Co. ("Rush-E-Raser"), Syracuse, N. Y.

4436— Erasers (Rubber)

American Lead Pencil Co., 220 5th av, New York
Dixon Joseph Crucible Co. (for Pencil Ink & Electrotypers), Jersey City, N. J.
Eagle Pencil Co., 703 E 13, New York
Faber A. W. Rubber Works, 41 Dickerson, Newark, N. J.
Faber Eberhard Pencil Co., 37 Greenpoint av, Brooklyn, N. Y.
Faber Eberhard Rubber Co., Newark, N. J.
Goodrich B. F. Co., Akron, O.
Laurel Co., Garfield, N. J.
O. K. Mfg. Co. ("O. K."), Woolworth bldg, New York
Parker-Stearns & Co. ("Alpha"), 286 Sheffield av, Brooklyn, N. Y.
Viscol Co. ("Artgum"), Cambridge, Mass.
Turner Bros. ("Sterling"), 1022 Arch, Phila., Pa.
Yatman Rubber Co., 267 Mt. Pleasant av, Newark, N. J.

4437— Escutcheon Pins

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
AMERICAN STEEL & WIRE CO. (Brass & Steel), 208 La Salle, Chicago, Ill.
See adv index at end of book
Atlas Tack Co., Fairhaven, Mass.
Clendenin Bros. (Brass), c Central av & Fawn, Baltimore, Md.
Corbin Screw Corporation (Steel or Brass), New Britain, Conn.
Grammes L. F. & Sons (German Silver, Brass, Iron & Steel), Allentown, Pa.
See adv index at end of book
Grand Crossing Tack Co., S Chicago av & E 79th, Chicago, Ill.
Hassall Jno. (Inc.), (Brass, Copper, Iron, German Silver, Aluminum, Plated & Coated), Clay & Oakland, Brooklyn, N. Y. *See adv index at end of book*
Havell Mfg. Co. (Brass & Steel), 284 Washington, Newark, N. J.
Hungerford U. T. Brass & Copper Co. (Brass & Iron), 80 Lafayette, New York
Jenkinson R. C. & Co., 293 Washington, Newark, N. J.
Merchant & Evans Co. (Brass), 2035 Washington av, Phila., Pa.
See adv index at end of book
Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.
Morgan Spring Co. (Iron & Brass), Worcester, Mass.
See adv index at end of book
Parker Wire Goods Co. (Steel & Brass), Worcester, Mass.
Perkins Henry Co., Bridgewater, Mass.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Townsend Co., New Brighton, Pa.
Turner & Seymour Mfg. Co. (& Rivets), Torrington, Conn.
Turner & Stanton Co. (Brass & Iron), Norwich, Conn.
Wire Goods Co. (Iron & Brass), Worcester, Mass.

4438— Escutcheons

American Pin Co. ("Ampinco"), Waterbury, Conn.
Art Hardware & Mfg. Co., Seattle, Wash.
Brainerd Mfg. Co., East Rochester, N. Y.
Corbin P. & F., New Britain, Conn.
Corbin Cabinet Lock Co., New Britain, Conn.
Eagle Lock Co., Terryville, Conn.
Fairfacts Co. (China, for Plumbing Work), 218 W. 14th, New York
Foster-Merriam & Co., Meriden, Conn.
Grand Rapids Brass Co., Grand Rapids, Mich.
Hayes Jos. A. (Brass & Iron, etc.), 284 Devonshire, Boston, Mass.
National Lock Co. (Keyhole, Brass & Plated), Rockford, Ill.
New York Glass Knob Wks., 79 E 130th, New York.
Pacific Hardware Mfg. Co. (Cup & Keyhole), Los Angeles, Cal.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co. (Cabinet Furniture, Sliding Door & Wood), New Britain, Conn.
Sargent & Co., New Haven Conn.
Taylor & Boggis Foundry Co., Cleveland, O.
Weber-Knapp Co., Jamestown, N. Y.
Yale & Towne Mfg. Co. (Cabinet, Door, etc), 9 E 40th, New York

4439— Eserine

Hoffmann La Roche Chemical Works, 440 Washington, New York

4439a— Etching Points

Crafts Arthur A. (Diamond), 125 Summer, Boston, Mass.

4440— *Ether

DU PONT CHEMICAL WORKS (Anesthesia Laboratory, U. S. P. Acetic & Sulphuric), 120 Broadway, New York

4440a—Evaporators (Acetate)

ZAREMBA CO., Niagara Life bldg, Buffalo, N. Y. *See adv index at end of book*

4441— Evaporators (Brine)

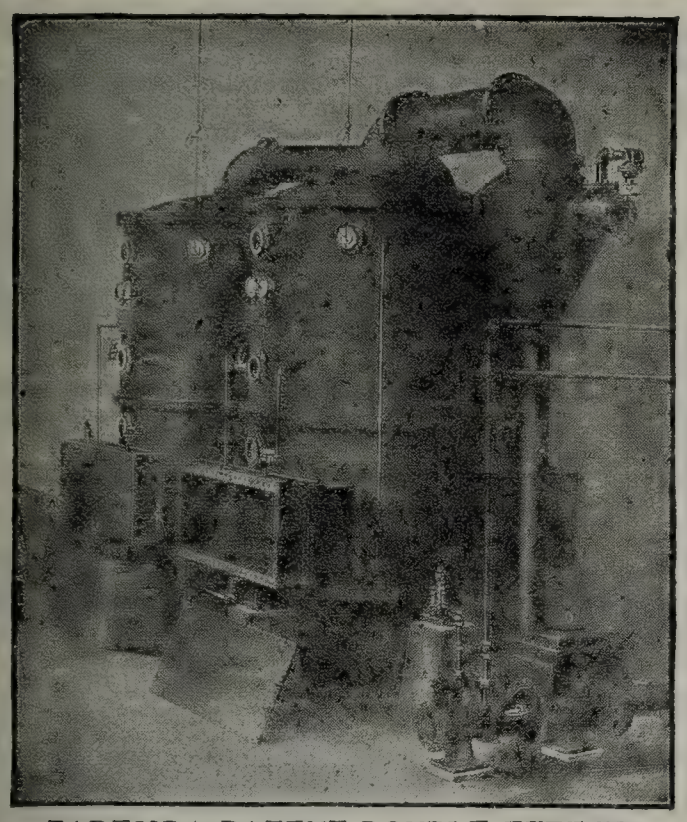
ZAREMBA CO., Niagara Life bldg, Buffalo, N. Y. *See adv index at end of book*

4441a—*Evaporators (Chemical)

WHEELER CONDENSER & ENGINEERING CO., Carteret, N. J.
See adv index at end of book

EVAPORATORS

We are the exclusive manufacturers of the Lillie Evaporator, famous because of its patented reversibility. This evaporator has been proved by tests to be more efficient than the standard evaporator, (See A. S. M. E. Transactions. Where desired. however, as sometimes specified because of conditions, we build the standard type. We are well equipped for building evaporators in any size.
WHEELER CONDENSER & ENGINEERING CO.
Carteret, New Jersey



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4442—Evaporators (Chemical, Paper Pulp)

International Process Co. ("Carlson," Solely for the Recovery of Chemicals Used in Sulphate Process of Mfr. of Paper Pulp, from Resinous Wood), 5 Beekman, New York
Joubert & Goslin Mach. & Fdry. Co. (Glycerine), Birmingham, Ala.
Ordway Chas. ("Yaryan" System for Extract of Wood & Soda), 25 Church, New York
ZAREMBA CO., Niagara Life, Buffalo, N. Y. *See adv index at end of book*

4443—Evaporators (Crystalizing)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
ZAREMBA CO., Niagara Life bldg, Buffalo, N. Y. *See adv index at end of book*

4444—Evaporators (Exhaust Steam)

GRISCOM-RUSSELL CO., 92 West, New York. *See adv index at end of book*

4445—Evaporators (Fresh Water Distilling)

Davidson M. T. Co. ("Baird" Patents for Steam Vessels, Chemical Works, etc), 43 Keap, Brooklyn, N. Y.
GRISCOM-RUSSELL CO., ("Reilly Multicoil"), 92 West, New York
See adv index at end of book

REILLY EVAPORATORS

For furnishing distilled water in any quantity desired.
Single and multiple plants for marine and stationary service.

THE GRISCOM-RUSSELL CO.
92 West Street New York

ROW & DAVIS, ENGINEERS, INC. ("Paracoil"), 90 West, New York
See adv index at end of book
Schutte & Koerting Co. ("S. & K."), 1251 N 12th, Phila., Pa.

R & D PARACOIL EVAPORATORS

and Distilling Condensers for single and multiple-effect plants in marine or stationary service.

Constructed with cast-iron or steel plate shells. Improved cleaning facilities make maintenance expense low.

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90 West Street, New York 12

4446— Evaporators (Fruit)

Babcock Mfg. Co. ("Granger" "Ostego"). Leonardsville, N. Y.
Blymyer Iron Works Co. ("Zimmerman," also for Bananas for Making Banana Flour) Cincinnati, O.
Caledonia Bean Harvester Works, Caledonia, N. Y.
Chattanooga Plow Co. ("Chattanooga"), Chattanooga, Tenn.
Devine J. P. Co., Buffalo, N. Y.
Fahrney Edw. B. ("U-S" Cook Stove, "American" for Fruits, Tea, Coffee, Herbs, Barks, Grain, etc), Waynesboro, Pa.
Hydraulic Press Mfg. Co. (Closed Steam Evaporators, for Cider, Syrup & Cider Jelly, etc), Mt. Gilead, O
Kilby Mfg. Co. (Single & Multiple Effects for Fruit Juices), Cleveland, O.
Munnsville Plow Co. ("Duplex," "20th Century," "Munnsville" Evaporator Furnaces for Drying Fruits or Hops on Kilns or Drying Fruit in Tower Evaporation), Munnsville, N. Y.
Ordway Chas. ("Yaryan" system for concentrating fruit juices), 25 Church, New York
Palmer & Co., Noble, Ill.
Sebastian Bros., Odin, Ill.
Sperry D. R. & Co., Batavia, Ill.
Stahl Wm. Sprayer Co. (Small, for Fruit Only), Quincy, Ill.
Strong Homer (Apple Evap. Plants), Rochester, N. Y.
Stutzman Mfg. Co. ("Stutzman," "Orma"), Ligonier, Ind.
Trescott W. A., Fairport, N. Y.
Warren Evaporator Works ("I. X. L."), Warren, O.

4447— Evaporators (Glue)

Garrigues Com. & Co., 154 Nassau, New York
Kilby Mfg. Co., Cleveland, O.
Ordway Chas., 25 Church, New York

4447a—Evaporators (High Concentration)

ZAREMBA CO., Niagara bldg, Buffalo, N. Y. *See adv index at end of book*

4448—*Evaporators (Horizontal Tube)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

4449—Evaporators (Jelly, From Apple Juice)

DUNNING & BOSCHERT PRESS CO., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Hydraulic Press Mfg. Co. ("South Allen"), Mt. Gilead, O.

4450—*Evaporators (Lined Acid-Resistent)

ZAREMBA CO., Niagara Life bldg, Buffalo, N. Y. *See adv index at end of book*

4451—Evaporators (Maple Sugar & Sorghum)

Bell C. S. Co. ("Bell's," "Cooks" & "Rocker"), Hillsboro, O.
Blymyer Iron Works Co. (Straight or Round Coil Open Steam, also the Closed Multiple Effects, Single, Double, Triple & Quadruple), Cincinnati, Ohio
Champion Evaporator Co. ("Champion"), Hudson, O.
Chattanooga Plow Co. ("Chattanooga"), Chattanooga, Tenn.
Cook Cane Mill & Evaporator Co., 320 N 2d, St. Louis, Mo.

EVAPORATORS (Maple Sugar & Sorghum)—continued

Gowanda Agricultural Works ("Gowanda" Complete Castings for Knocked Down Sets), Gowanda, N. Y.
Grimm G. H. ("Champion, " "Grimm's"), Rutland, Vt.
Joubert & Goslin Mach. & Fdry. Co. (Open Vessel & Closed Type Under Vacuum System, Single, Double, Triple & Quadruple), Birmingham, Ala.
Murkland John W. Co., Barton, Vt.
Southern Plow Co., Columbus, Ga.
Vermont Farm Machine Co. ("Williams" Single), Bellows Falls, Vt.
Warren Evaporator Works (Milton Matthews Prop.), ("I. X. L."), Warren, O.
White's S. R. Sons ("Cook's," Stationary & Portable), Norfolk, Va.

4452— Evaporators (Misc.)

American Evaporator Co. (Film Type, "Jedun" Syphonic for all Liquors), 222 N Front, Phila., Pa.
Badger E. B. & Sons Co., 75 Pitts, Boston, Mass.
Brecht Co. ("Brecht," with Salt Filter Attached), 1201 Cass av, St. Louis, Mo.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Devine J .P. Co., Buffalo, N. Y.
FABRICATED STEEL PRODUCTS CORP., Box 300, Leetonia, O.
See adv index at end of book
Gerdes & Co., 42 Church, New York
See adv index at end of book
GRISCOM-RUSSELL CO., (Fresh Salt Water, Chemical, etc), 92 West, New York *See adv index at end of book*
Lummus Walter E. Co., 173 Milk, Boston, Mass.
Marshall Foundry Co., Pittsburgh, Pa.
METAL SPECIALTY MFG. CO., Waterbury, Conn.
See adv index at end of book
Pratt Engineering & Machine Co., Atlanta, Ga.
ZAREMBA CO. (All Types, Any Size, Any Liquid), Niagara Life bldg, Buffalo, N. Y. *See adv index at end of book*

4453—Evaporators (Multiple Effects)

Badger E. B. & Sons Co., 75 Pitts, Boston, Mass.
Baeuerle & Morris (For the Evaporation & Concentration of all Solutions with or without Salts, Vertical Tube Type), 932 N Front, Phila., Pa.
Black-Clawson Co. (Single, Twin & Triple Cylinder Open Air & Vacuum in Single Effect, Evaporators for Drying & Evaporating Water out of Liquid, Animal, Vegetable & Mineral Products, etc), Hamilton, O.
Blymyer Iron Works Co. (Straight or Round Coil Open Steam Type, also the Closed Multiple Vacuum Effects, Single, Double, Triple & Quadruple), Cincinnati, Ohio
BUFFALO FOUNDRY & MACHINE CO. (Multiple & Single Effect Vacuum, etc.), 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Casey-Hedges Co., Chattanooga, Tenn.
Cresson-Morris Co. (Single & Multiple Effects, Both Vacuum & Pressure), Allegheny av & 18th, Phila., Pa.
Dyer Co. ("Dyer" Single & Multiple Effects for Cane & Beet Sugar), Cleveland, O.
Gerdes & Co., 42 Church, New York
See adv index at end of book
GRISCOM-RUSSELL CO. ("Reilly Multicoil," for Distilling Water for Ice Plants, Breweries, Bottlers, etc), 92 West, New York
See adv index at end of book
Joubert & Goslin Mach. & Fdry. Co. (Open Vessel & Closed Type Under Vacuum System, Single, Double, Triple & Quadruple for Various Liquids, Cane, Beet & Maple Sugar, Sorghum, Fruits, Chemicals, Glue, Soap, etc.), Birmingham, Ala.
Kestner Evaporator Co. (For Caustic Soda, Potash, etc.), 18th & Allegheny, Phila., Pa.
Kilby Mfg. Co. (Single & Multiple Effects for Sugar, Glue, Salt, Garbage, Caustic Soda, Fruit Juices, Milk, Stick, Slaughter House, etc), Cleveland, O.
Krajewski-Pesant Corp. (For Sugar House Use), 54 Beard, Brooklyn, N. Y.
Lummus Walter E. Co., 173 Milk, Boston, Mass.
Murphy John H., 643 Magazine, New Orleans, La.
Newhall Geo. M. Engineering Co. ("Newhall" for Caustic Soda, Glycerine, Tannic Acid, Cane & Beet Juice, Glue, Glucose, Extracts, etc), Commercial Trust bldg, Phila., Pa.
Oat Joseph & Sons, 230 Quarry, Phila., Pa.
Philadelphia Coppersmithing Co. (Multiple Effects, Horizontal & Vertical), 222 N Front, Phila., Pa.
Pioneer Iron Works (Horizontal & Vertical for Sugar), 149 Pioneer, Brooklyn, N. Y.
Pusey & Jones Co. (Single & Multiple Effects), ft Poplar, Wilmington, Del.
Row & Davis, Engineers, Inc., 90 West, New York. *See adv index at end of book*
Sanborn Evaporator Co. (Single & Multiple Effects), 79 Wall, New York
Squier Geo. L. Mfg. Co. ("Squier-Buffalo," Single, Double & Triple Effects for Sugar), Buffalo, N. Y.
Standard Water Systems Co. ("Tripure" Single & Multiple Effects for the Evaporation of Both Fresh & Salt Water & Other Liquids), Hampton, N. J.
Sugar Apparatus Mfg. Co. ("Lillie" Single & Multiple Effects for Sugar Refiners & Plantations, Natural Brines in the Mfr. of Salt, Glue, Tank Waters, Tannin Extracts, Water Distilling, Soda Liquors, etc), Wilmington, Del.
Swenson Evaporator Co. (For Any Liquids), 53 W Jackson blvd, Chicago, Ill.
WHEELER CONDENSER & ENGINEERING CO. ("Wheeler" Closed Tubular Type, for Liquids Only; Water Distilling, Sugar Solutions, Chemical Mixtures, etc), Carteret, N. J.
See adv index at end of book
Ordway Chas. ("Yaryan" System for Cane Sugar, Glucose, Glue, Water Distillation, Solvents, Extracts of Meat, Malt of Wood & Soda, etc.), 25 Church, New York
ZAREMBA CO., ("Zaremba" Any Size, Any Service), Niagara Life bldg, Buffalo, N. Y. *See adv index at end of book*

4453a1—*Evaporators (Potash)

ZAREMBA CO., Niagara Life bldg, Buffalo, N. Y. *See adv index at end of book*

4453a—*Evaporators (Rapid Circulation)

ZAREMBA CO., Niagara Life bldg, Buffalo, N. Y. *See adv index at end of book*

4454—*Evaporators (Salt Water)

GRISCOM-RUSSELL CO., 92 West, New York *See adv index at end of book*

4454a—*Evaporators (Soda Recovery)

Zaremba Co., Niagara Life bldg, Buffalo, N. Y. *See adv index at end of book*

4454b—*Evaporators (Sulphite)

ZAREMBA CO., Niagara Life bldg, Buffalo, N. Y. *See adv index at end of book*

4455— Evaporators (Syrup)

Bell C. S. Co. ("Cook's"), Hillsboro, O.
Golden's Foundry & Machine Co., Columbus, Ga.
Joubert & Goslin Mach. & Fdry. Co. (Multiple Effects), Birmingham, Ala.
Philadelphia Coppersmithing Co. (Multiple Effects), 222 N Front, Phila., Pa.
Southern Plow Co. ("Brand" Self-Skimming, etc), Columbus, Ga.

4455a— *Evaporators (Vertical Tube)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

4456— Evaporators (Water)

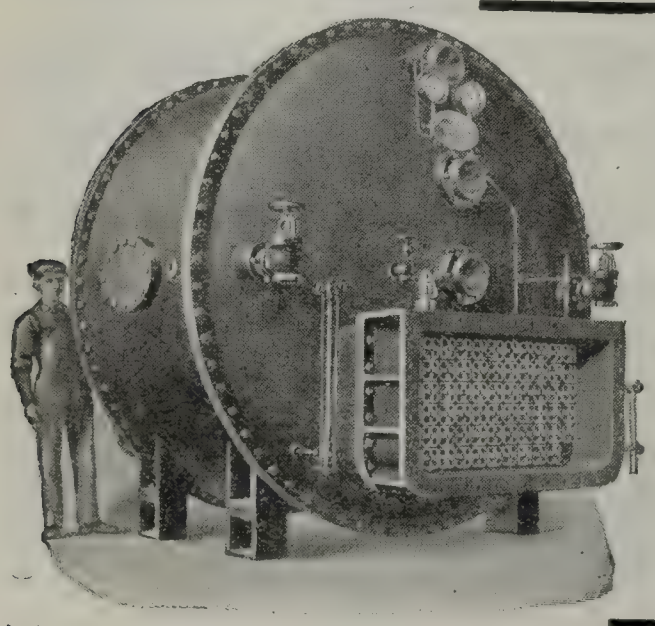
Schutte & Koerting Co. ("S. & K." for Producing Fresh Water from Salt and other Impure Waters), 1251 N 12th, Phila., Pa.
Ordway Chas. ("Mirrless-Watson" Type for Producing Fresh Water from Sea Water), 25 Church, New York

4457—*Evaporators & Water Distilling Apparatus

ROW & DAVIS, ENGINEERS, INC., 90 West, New Yrk
See adv index at end of book

4458— Evaporometers

Green Henry J. ("Piche"), 1191 Bedford av, Brooklyn, N. Y.



"BUFLOVAK" EVAPORATORS

Mechanical Strength; Simple Construction; Readily Increased Capacity; Uniform and Rapid Circulation; Proper Steam Distribution; High Efficiency—these are some of the features which distinguish "Buflovak" Evaporators. Built in sizes for any capacity. Single and Multiple Effects.

Horizontal Tube Evaporators
Vertical Tube Evaporators
Rapid Circulation Evaporators
All Cast-Iron Evaporators
Crystallizing Evaporators
Basket Type Evaporators
Caustic Soda Plants and Recovery Apparatus
Causticizing Apparatus
Waste Product Machinery
Condensers, Vacuum Pumps, Receivers, Salt Filters, Preheaters, Etc.

BUFFALO FOUNDRY AND MACHINE CO.
65 Winchester Avenue **Buffalo, N. Y.**

4458a—Excavators (Cableway)

EXCAVATORS
(CABLEWAY)
Manufactured by
CLYDE IRON WORKS
DULUTH, MINN.

4459—*Excavators (Drag Bucket)

Acme Road Machy. Co., Frankfort, N. Y.
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.

4460—Excavators (Drag Line)

See also Buckets, Drag Line Scraper

Browning Victor R. & Co., 17701 Lake Shore blvd, Cleveland, O.; Mansfield O. & College Point, New York
See adv index at end of book
Bucyrus Co., S Milwaukee, Wis.
Cable Excavator Co. ("Slack Line"), Commercial Tr. bldg, Phila, Pa.
CLYDE IRON WORKS ("Field," Tower), Duluth, Minn.
See adv index at end of book
Dobbie Foundry & Machine Co. ("Iverson"). Main Office & Works: Niagara Falls, N. Y.
Dull Raymond W. Co. (Rear Dumping), 111 W Washington, Chicago, Ill.

THE HAYWARD COMPANY
DIGGING MACHINERY
50 CHURCH STREET, NEW YORK
See adv index at end of book

Indianapolis Cable Excavator Co. ("Negley," Cableway), Indianapolis, Ind.
Insley Mfg. Co., 3500 E St. Clair, Indianapolis, Ind.
Link-Belt Co., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
Luther Frederick P. Co., 14 E. Jackson blvd, Chicago, Ill.
MACHINERY WAREHOUSE & SALES CO., Old Colony bldg, Chicago, Ill.
Mansfield Engineering Co., The ("Pioneer"), cor. E Market & Penna., Indianapolis, Ind.
Marion Steam Shovel Co., P. O. Box 505, Marion, O.
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Monighan Machine Co. ("Monighan"), 2032 Carroll av, Chicago, Ill.
National Hoisting Engine Co., Harrison, N. J.
Page Engng. Co., 189 W Madison, Chicago, Ill.
Pawling & Harnischfeger Co., Milwaukee, Wis.
Sauerman Bros. ("Shearer & Mayer" Cableway), Monadnock blk, Chicago, Ill.
Williams G. H. Co., Erie, Pa.

4461— Excavators (Drainage)

Austin F. C. Co., Inc. ("Austin"), Railway Exchange bldg, Houston Co., Inc., Chicago, Ill.
Marion Steam Shovel Co., P. O. Box 505, Marion, O.
Monighan Machine Co., 2032 Carroll av, Chicago, Ill.
Osgood Co., Marion, Ohio
Pawling Harnischfeger Co., Milwaukee, Wis.

4462— *Excavators (Electric)

HAYWARD CO., THE, 50 Church, New York
See adv index at end of book

4463—*Excavators (Placer Mining)

HAYWARD CO., THE, 50 Church, New York *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book

4464—*Excavators (Railroad)

See also Excavators, Drag Line

THE HAYWARD COMPANY
DIGGING MACHINERY
50 CHURCH STREET, NEW YORK
See adv index at end of book

Excavators (Scraper Bucket)

See Excavators, Drag Bucket

4465— * Excavators (Skid)

CLYDE IRON WORKS, Duluth, Minn
See adv index at end of book

THE HAYWARD COMPANY
DIGGING MACHINERY
50 CHURCH STREET, NEW YORK
See adv index at end of book

4466— Excavators (Steam)

See also Shovels, Steam

Browning Victor R. & Co., 17701 Lake Shore Blvd, Cleveland, O., Mansfield, O., & College Point, N. Y.
See adv index at end of book
Byers Jno. F. Machine Co., 242 So Sycamore, Ravenna, O.
See adv index at end of book
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
HAYWARD CO., THE, 50 Church, New York. *See adv index at end of book*

THE HAYWARD COMPANY
DIGGING MACHINERY

LIDGERWOOD MFG. CO., 96 Liberty New York *See adv index at end of book*
Marion Steam Shovel Co., P. O. Box 505, Marion, O.
Monighan Machine Co. (Drag Bucket) 2032 Carroll av, Chicago, Ill.
New York; Chicago; Koppel, Pa.; Pittsburgh, San Francisco
Osgood Co., Marion, Ohio

4466a— *Excavators (Tower)

CLYDE IRON WORKS ("Field"), Duluth, Minn. *See adv index at end of book*

Excavators (Trench)

See Sewer & Trench Excavating Machines

4466b—*Excavators & Loaders

SMITH T. L. CO. THE, 1151 32d, Milwaukee, Wis.

4467— Excelsior Mfrs.

Allen Chas. M., Fulton, New York
Alpena Excelsior Co. (Also Wood, Wool), Alpena, Mich.
American Fibre Co. (Palm Leaf Mattress), Jacksonville, Fla.
Bartlett Excelsior Co., Melvin Mills, N. H.
Batesville Excelsior Co., Batesville, Ark.
Berry O. P. Co., Wolfeboro Falls, N. H.
BOSTON EXCELSIOR CO., 26 Canal, Boston, Mass.
BOSTON EXCELSIOR CO., 11th av & 29th, New York
Caummisar T. C. & Sons, Louisville, Ky.
Charleston Excelsior M. & B. Works, Charleston, S. C.
Dalton Excelsior Co., Dalton, Ga.
Detroit Excelsior Works, 2116 Russell, Detroit, Mich.
Du Pree Mfg. Co., Atlanta, Ga.
Excelsior Supply Co., 1732 Merwin rd, Cleveland, Ohio
Excelsior Wrapper Co., Sheboygan, Wis.
Farnham J. F. Union N. H.
Fox J. W. Excelsior Co., Grand Rapids, Mich.
High Point Veneer & Panel Co., High Point, N. C.
Hoffman-Corr Mfg. Co. (Also Moss), 312 Market, Phila., Pa.
Hornbeck J. K. & Son, Hancock, N. Y.
Jenks & Muir Mfg. Co., 1441 Hastings, Detroit. Mich.
Johnson Excelsior & Mfg. Co., Indianapolis, Ind.
Laird & Wilson Mfg. Co., Crandon, Wis.
Lord W. M. Co., Union, N. H.
Malone Excelsior Co., Malone, N. Y.
Marinette-Green Bay Mfg. Co., Marinette, Wis.
Means Justin, Edgar, Wis.
Meridian Mattress Factory, Meridian, Miss.
Minneapolis Mfg. Co., 5th av & S E & E Hennepin, Minneapolis, Minn.
Morris-Jones-Brown Mfg. Co., Dubuque, Ia.
North Jersey Excelsior Co., Butler, N. J.
Oshkosh Excelsior Mfg. Co., Oshkosh, Wis.
Payne & Co., Dayton, O.
Peden W. H. Excelsior Co., Fredericksburg, Va.
Pensacola Excelsior Co., Pensacola, Fla.
Petersburg Excelsior Mills, Petersburg, Va.
Phila. Excelsior Co., 716 N 3rd, Philadelphia, Pa.
Rice Lake Excelsior Co., Rice Lake, Wis.
Sacramento Wire Mattress Co., Sacramento, Cal.
Selle H. W. & Co. (Excelsior Mfrs.), 1000 Halsey, Chicago, Ill.
Sheffield F. E., Mooers, N. Y.
Virginia Excelsior Co., Fredericksburg, Va.
Washington Excelsior & Mfg. Co., Edmonds, Wash.

4468— Exercisers

Bailey C. J. & Co., 22 Boylston, Boston, Mass.
Cook, Chas. A. & Co., 3911 2d, B'klyn, N. Y.
Hill-Standard Mfg. Co., Anderson, Ind.
Ingersoll Robt. H. & Bro., 315 4th av, New York
Racine Exerciser Co., Milwaukee, Wis.
Whitely Exerciser Co., 36 Vesey, New York

4469— Exhaust Heads

Abendroth G. Irving Co. ("Stein's" 1 in to 42 in), 10 E 43d, New York
Abendroth & Root Mfg. Co. ("Root" & "Hudson"), Newburgh, N. Y.
Ambrose Machine Co. ("Peerless"), Provost, Brooklyn, N. Y.
AMERICAN SPIRAL PIPE WORKS, Chicago, Ill., & 50 Church, New York
See adv index at end of book
Atwood & Morrill ("XX Century"), 48 Loring av, Salem, Mass.
Bicalky Fan Co., Buffalo, N. Y.
Bolton R. P., 55 Liberty, New York
Burt Mfg. Co. ("Burt" & "Standard"), 40 Main, Akron, O.
Chicago Eng. Supply Co. ("Champion"), 68 W Lake, Chicago, Ill.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Direct Separator Co. ("Sweet"), Syracuse, N. Y.
Dixie Mfg. Co. ("Dixie"), Stockholm & Russell, Baltimore, Md.
Elliott Co., Pittsburgh, Pa.
Empire Blower & Pipe Co. (Steam), Rochester, N. Y.
FOXBORO COMPANY, THE, succeeding Industrial Instrument Co. ("Eclipse"), Foxboro, Mass.
See adv index at end of book
Gillis & Geoghegan, 537 W B'way, New York
Hoppes Mfg. Co. (Cast Iron), Springfield, Ohio
Hussey, McCann & Co., 87 Warren, New York
Imperial Iron Works (Cast Iron), Duluth, Minn.
Johnston Wm. T. Co., 3d & Vine, Cincinnati, O.
Kirk & Blum, York & Western av, Cincinnati, O.
Konold M. J. Co. (Cast Iron), Bessemer bldg, Pittsburgh, Pa.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Linton Machine Co., 26 Cortlandt, New York
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Marshall Foundry Co., Pittsburgh, Pa.
Miller J. K. Co. ("Western"), Seattle, Wash.
Ohio Blower Co. ("Swartout" Cast Iron), 9300 Detroit av, Cleveland, O.

EXHAUST HEADS—continued

Pittsburgh Gage & Supply Co. ("Pittsburgh," Vacuum & "Gaco"), 30th & Liberty av, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Prentice L. H. Co., 330 Sherman, Chicago, Ill.
Royal Ventilator Co. ("Royal"), 415 Locust, Philadelphia, Pa.
Ruggles Walter G. Co. ("R-K"), 10 High, Boston, Mass.
Rutzler Enoch Co., 404 E 49th, New York
Simmons John Co. (All Kinds), 110 Centre, New York
Skinner Bros. Mfg. Co., 10th & Tyler, St. Louis, Mo.
Sorge A. Jr. & Co. ("Sorge" Cast Iron), Monadnock bldg, Chicago, Ill.
Standard Steam Specialty Co. ("Utility"), 542 W B'way, New York
Steam Appliance Co. ("Triumph"), Milwaukee, Wis.
Sterling Blower Co. ("Sterling" Steam), Hartford, Conn.
Strandwitz & Scott ("Common Sense"), Camden, N. J.
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass. *See adv index at end of book*
Watson & McDaniel Co. ("McDaniel," "Keystone"), 146 N 7th, Phila., Pa.
Williams Franklin Inc. ("Neverust," "Everlast"), 39 Cortlandt, New York
Wright Mfg. Co. ("Cyclone"), 97 Woodbridge, W., Detroit, Mich.

4470—Exhaust & Blow Piping

Abendroth G. Irving Co. (Straight Riveted Flanged), 10 E 43d, New York
Allen E. H. Co., 41 Beverly, Boston, Mass.
Allington & Curtis Mfg. Co., Saginaw, Mich.
AMERICAN SPIRAL PIPE WORKS, Chicago, Ill., & 50 Church, New York *See adv index at end of book*
Archer Blower & Pipe Co., Seattle, Wash.
Banister A. W. Co., 421 Dorchester av S, Boston, Mass.
Carlisle & Gale Co., 5 North, Boston, Mass.
Chattanooga Blow Pipe & Roofing Co., Chattanooga, Tenn.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Cleveland Blow Pipe & Mfg. Co., 6950 Kinsman rd, Cleveland, O.
Cushing Daniel & Co., Lowell, Mass.
Cyclone Blow Pipe Co., 2552 W 21st, Chicago, Ill.
Day Co., 1004 Lyndale, Minneapolis, Minn.
Dixie Mfg. Co., Stockholm & Russell, Baltimore, Md.
Empire Blower & Pipe Co., Rochester, N. Y.
Grand Rapids Blow Pipe & Dust Arrester Co., Grand Rapids, Mich.
Haines Co., 1933 W Lake, Chicago, Ill.
Invincible Blow Pipe Co., 2527 Homer, Chicago, Ill.
Kalamazoo Sheet Metal Mfg. Co., Kalamazoo, Mich.
Kiechler Mfg. Co., Wade & Denman, Cincinnati, O.
LEE THOS., 129 W 2d, Cincinnati, O.
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Mannen John E. Co., 2247 St. Clair, Cleveland, O.
Meadon's Blower & Pipe Works, 25 Meserole av, Brooklyn, N. Y.
National Blower Works, Milwaukee, Wis.
New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La.
Ohio Blower Co., 9300 Detroit av, Cleveland, Ohio
Porbeck Dust Arrester & Blow Pipe Co., 2017 B'way, St. Louis, Mo.
Savannah Blow Pipe & Exhaust Co., Savannah, Ga.
Skinner Bros. Mfg. Co., 10th & Tyler, St. Louis, Mo.
South Atlantic Blow Pipe & Sheet Metal Co., Savannah, Ga.
Standard Sheet Metal Mfg. Co., Washington, Pa.
Sterling Blower Co., Hartford, Conn.
Strandwitz & Scott, Camden, N. J.
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass. *See adv index at end of book*
United States Steel Tank & Pipe Co., 2090 Canalport av, Chicago, Ill.
VAILE & YOUNG, 216 No Calvert, Baltimore, Md.
Venderbush & Looman Co., Detroit, Mich.
Western Blow Pipe & Sheet Metal Co., St. Louis, Mo.
Young Bros. Co., Detroit, Mich.

4471— Exhausters (Acid)

Durion Castings Co., Dayton, O.
General Ceramics Co. (Stoneware), 50 Church, New York
Graham Chas. Chemical Pottery Works (Stoneware), 986 Metr. av, Brooklyn, N. Y.

4471a—*Exhausters (Cotton)

Sturtevant B. F. Co. ("Sturtevant), 15 Damon, Hyde Park, Boston, Mass. *See adv index at end of book*

4472— Exhausters (Electric)

American Blower Co., 1400 Russell, Detroit, Mich.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Electric Blower Co. ("Marvel"), 352 Atlantic av, Boston, Mass.
Green Fuel Economizer Co., Beacon, N. Y.
Howard & Morse, 46 Fulton, New York
Ilg Electric Ventilating Co., 154 Whiting, Chicago, Ill.
Mechanical Appliance Co., Milwaukee, Wis.
Sprague Electric Works, 527 W 34th, New York

4473— Exhausters (Gas)

American Blower Co., 1400 Russell, Detroit, Mich.
BEACH-RUSS CO., 220 B'way, New York *See adv index at end of book*
Buffalo Forge Co., Buffalo, N. Y.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Connersville Blower Co., Connersville, Ind.
Garden City Fan Co., 332 S Mich. av, Chicago, Ill.
Gas Machy. Co., 1900 Euclid av, Cleveland, O.
Green Fuel Economizer Co., Beacon, N. Y.
Howard & Morse, 46 Fulton, New York
Ingersoll-Rand Co., 11 Broadway, New York *See adv index at end of book*
Isbell-Porter Co. ("Mackenzie"), 46 Bridge, Newark, N. J.
New York Blower Co., Archer av & Canal, Chicago, Ill. Works: Bucyrus, O.
Parson Mfg. Co. ("Parson"), 35 Nassau, New York
Pratt Engineering & Machine Co. ("Imperial"), Atlanta, Ga.
Rockwell W. S. Co., 50 Church, New York. *See adv index at end of book*
Roots P. H. & F. M. Co. (& Fittings), Coniersville, Ind.
Schutte & Koerting Co., 1251 N 12th, Phila., Pa.
Southwark Foundry & Machine Co., 4th & Washington av, Phila., Pa.
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass. *See adv index at end of book*
Wilbraham-Green Blower Co.

4474—Exhausters (Planing Mill, Etc.)

Allington & Curtis Mfg. Co., Saginaw, Mich.
American Blower Co., 1400 Russell, Detroit, Mich.
Banister A. W. Co., 421 Dorchester av S, Boston, Mass.
Bayley Mfg. Co. (Single & Double Steel Plate), Milwaukee, Wis.
Buffalo Forge Co., Buffalo, N. Y.
Carlisle & Gale Co., 5 North, Boston, Mass.
Champion Blower & Forge Co. ("Champion"), Lancaster, Pa.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Garden City Fan Co., 332 S Michigan av, Chicago, Ill.
Green Fuel Economizer Co., Beacon, N. Y.
Howard & Morse, 46 Fulton, New York
Indiana Fan Co., 40 E South, Indianapolis, Ind.
Kirk & Blum, York & Western av, Cincinnati, O.
Miller J. K. Co. ("Western"), Seattle, Wash.
National Blower Works, Milwaukee, Wis.
New York Blower Co., Archer av & Canal, Chicago, Ill. Works: Bucyrus, O.
Skinner Bros. Mfg. Co., 10th & Tyler, St. Louis, Mo.
Sterling Blower Co., Hartford, Conn.
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass. *See adv index at end of book*
Western Blow Pipe Co., 2524 S 7th, St. Louis, Mo.

INFORMATION

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Advertisers in the Register are invited to supply the publishers with their latest catalogues or other information likely to be of interest to buyers

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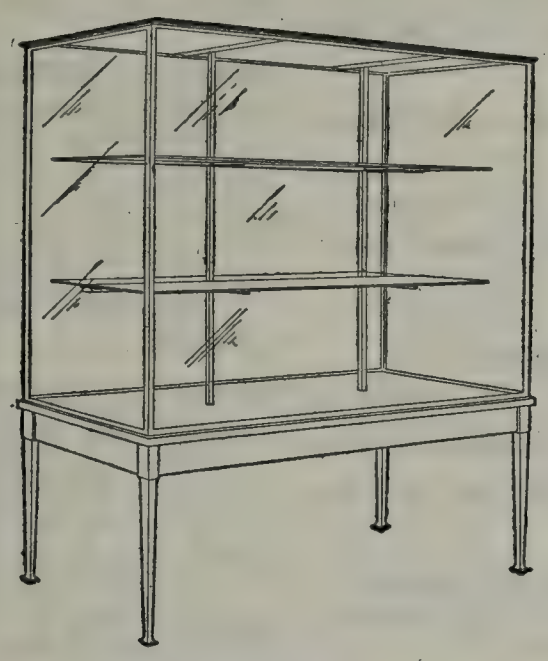

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See also our advertisements under the headings "Library Shelving & Fittings," "Castings (Grey Iron)," "Moulding Machines, Foundry."

4475—Exhausters (Pump & Engine Starting)

Schutte & Koerting Co., 1251 N 12th, Phila., Pa.

4476—Exhausters (Steam Jet)

See also Gas Works Apparatus & Construction

Isbell-Porter Co., 46 Bridge, Newark, N. J.
Lloyd Construction Co., Detroit, Mich.

4476a—Exhausters (Turbine Driven)

DE LAVAL STEAM TURBINE CO., East Trenton, N. J.
See adv index at end of book

4477—*Exhibition Cases (Metal, For Museums)

SNEAD & CO. IRON WORKS, 98 Pine, Jersey City, N. J.
See adv index at end of book

4478— Exhibitors (Rug)

Best John H., Galva, Ill.
Consolidated Carpet Sewing Machine Co. ("E Z" Book, "20th Century," "Eschweiler" Track), Bridgeport, Conn.
Taft Machine Co. ("Taft Almetul"), 229 Globe, Providence, R. I.

4479—Expanded Metal ("Steel-Crete" Mesh & Lath)

See also Lath, Expanded Metal

Consolidated Expanded Metal Co.'s, Braddock, Pa.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.

4480— Expanders (Hose)

Elkhart Brass Mfg. Co., Elkhart, Ind.
Hayward S. F. & Co., 250 W 54th, New York
Larkin Mfg. Co. ("Buckley" Hydraulic), Dayton, O.
Morse A. J. & Son, Inc., 221 High, Boston, Mass.
Sherman H. B. Mfg. Co., Battle Creek, Mich.
Universal Nozzle Co., Indianapolis, Ind.

4481— Expanders (Tube)

See also Pneumatic Flue Expanders

Ajax Mfg. Co. ("Collins" Self-Feed & "Pittsburg" Roller), N S, Pittsburgh, Pa.
Bullock Chas. K. (Boiler), 1361 Ridge av, Phila., Pa.
Dudgeon Richard (Boiler), 24 Columbia, New York
Elliott Co. (Combination Tube Cutter & Expander), Pittsburgh, Pa.
Faessler J. Mfg. Co. ("Boss Roller," "Universal" Roller Flue, etc), Moberly, Mo.
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
Helwig Mfg. Co. ("Helwig" Hand & Power, Self-Feeding Flue), St. Paul, Minn.
Henderer's A. L. Sons ("Ferguson," Self-Feed Roller), Wilmington, Del.
King A. R. Mfg. Co., Kingston, N. Y.
Lovejoy Tool Works (All Steel Ball Bearing Self-Feeding Roller, for Hand or Power, also Sectional Spring), 319 W Ohio, Chicago, Ill.
Nicholson W. H. & Co. ("Nicholson" Self-Feeding & Self-Releasing Roller), Wilkes-Barre, Pa.
Oswego Tool Co. ("World's Champion" Spring, Oswego, N. Y.
Prosser Thos. & Son ("Prosser" Boiler), 15 Gold, New York
RYERSON JOSEPH T. & SON, 2558 W 16th, Chicago, Ill.
See adv index at end of book
Wiedeke Gustav & Co. ("Ideal," Self-Feed Roller, "Dayton," "Standard" Rollers & Sectional Spring, also "Sterling," "Heine," "B. & W.," Water Tube Expanders), Dayton, O., "Victor."

4482—Expansion Shields & Bolts

Ankyra Mfg. Co., Wayne Junction, Phila., Pa. *See adv index at end of book*

4482a—Expellers—Ash (S.S.)

McNab Co. ("Stones"), Bridgeport, Conn.
See adv index at end of book

4483—Expellers (Oil & Moisture)

ANDERSON V. D. CO. ("Anderson"), W 96th, Cleveland, O.
See adv index at end of book

4484— Exploders

See also Blasting Fuses, Cap, etc

HERCULES POWDER CO. ("Ideal," Delay Action), Wilmington, Del.
See adv index at end of book

4485— Exploders (Cartridge)

Susquehanna Casting Co., Wrightsville, Pa.

4486—Exploders (Paper Cap)

Wrightsville Hardware Co. ("Dewey" & "Yellow Kid" Bombs), Wrightsville, Pa.

HERCULES POWDER

EXPLOSIVES

HERCULES POWDER

The Hercules Powder Company has plants and magazines throughout the country for the manufacture and distribution of explosives, blasting supplies, and sporting powders. These are located to facilitate prompt deliveries.

Extreme care in manufacture insures the quality of Hercules products for

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HERCULES POWDER CO.

OFFICES

Wilmington, Del. New York City St. Louis, Mo. Denver, Colo. Hazleton, Pa. Knoxville, Tenn.
Pittsburg, Kans. Pittsburgh, Pa. Salt Lake City, Utah Joplin, Mo. Memphis, Tenn. Chicago, Ill.
San Francisco, Calif.

4487—*Explosives (All Kinds)

See also Powder Mfrs., Dynamite Mfrs., etc.

DU PONT DE NEMOURS & CO. (E. I.) (World's Largest Mfr. of Explosives, Powder & Blasting Supplies for Every Requirement. For Details see Dynamite, Blasting Powder, Blasting Supplies, Gun Powder), Wilmington, Del.
For branch offices see Alphabetical Section

4488— *Explosives (Blasting)

ATLAS POWDER CO., 10th & Market, Wilmington, Del.

4489—*Explosives (Permissible)

ATLAS POWDER CO., 10th & Market, Wilmington, Del.
Phoenix Fire Extinguishing Co., Norwich, Conn.

4490— Extensions (Bit Brace)

Goodell-Pratt Co., Greenfield, Mass.

4491-2— Extensometers

Taylor Instrument Companies ("Ewing"), Rochester, N. Y.
See adv index at end of book
Wissler A., B'way & Wash'n av, St. Louis, Mo.

4492a—*Extinguishers (Oil Can)

CAHILL M. F., 710 E 2nd, Boston, Mass.
See adv index at end of book

4493— Extract (Archil)

Bird J. A. & W. & Co. (Agents for Clemons, Marshall & Carbet, Leeds, England), 88 Pearl, Boston, Mass.
Innis Speiden & Co., 46 Cliff, New York
See adv index at end of book

4493a— Extract (Fustic)

C. P. N. CHEMICAL CO., INC., 78 Reade, New York, & 231 W Huron, Chicago, Ill.

4493b—Extractor Baskets (Metal)

Hamilton Copper & Brass Works, Hamilton, Ohio
Morgan Spring Co., Worcester, Mass.
See adv index at end of book

4494— Extractors (Barley)

Huntley Mfg. Co. ("Monitor" for Extracting Barley from Other Grain), Silver Creek, N. Y.

4495-6— Extractors (Boll)

Alsop Process Co. ("St. Louis," "Alsop," Cotton), St. Louis, Mo.

Extractors (Cork)

See Pullers, Cork

4497—Extractors (Cotter Pin)

Bonner Tool Co. ("Victor"), Champaign, Ill.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Chapin Stephens Co., Pine Meadow, Conn.
Goodell-Pratt Co., Greenfield, Mass.
Kraeuter & Co., 583 18th av, Newark, N. J.
Marcy Tool Works, Putnam, Conn.
Mossberg Frank Co. ("Mossberg" Puller & Spreader), Attleboro, Mass.
Noonan A. S. Tool & Machine Works, Rome, N. Y.
S. & I. Co. ("S. & I."), Springfield, Mass.
Vichek Tool Co. ("Vichek"), 10711 Quincy av, Cleveland, O.

4498—Extractors (Curd, Clothes Wringing)

Empire Laundry Machinery Co. ("Crawford"), 352 Western av, Boston, Mass.
Troy Laundry Machinery Co. (Ltd.), (Solid Curd), 23d & La Salle, Chicago, Ill.

4498a—Extractors Dyewood & Tanning

Lummus Walter E. Co., 173 Milk, Boston, Mass.
Scott Ernest Co., Fall River, Mass.

4499— Extractors (Garlic)

Huntley Mfg. Co. ("Monitor" for Extracting Garlic from Grain), Silver Creek, N. Y.

4500— Extractors (Gold)

Dibert L. C. Co. ("Dibert"), 138 1st, San Francisco, Cal.

4501—Extractors (Honey & Beeswax)

Falconer W. T. Mfg. Co., Falconer, New York
Kretchmer Mfg. Co. ("Kretchmer" Automatic), Council Bluffs, Ia.
Root A. I. Co., Medina, O.

4502— Extractors (Ingot)

MORGAN ENGINEERING CO., Alliance, Ohio *See adv index at end of book*
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
United Engng. & Fdry. Co., 307 5th av, Pittsburgh, Pa.

4503—Extractors (Lemon Juice)

Cassady Fairbank Mfg. Co. (Aluminum), 6126 S La Salle, Chicago, Ill.

4504— Extractors (Mandrel)

United Engineering & Foundry Co. (Hydraulic & Belt Driven), 307 5th av, Pittsburgh, Pa.

4505—Extractors (Meat Juice)

Wrightsville Hardware Co. ("Brighton"), Wrightsville, Pa.

4506—Extractors (Oil & Grease)

See also Extractors, Steam & Oil

Acton John ("Nelson" Water Separator or Grease Extractor), 118 John, Brooklyn, N. Y.
Ambrose Machine Co., Eagle & Provost, Brooklyn, N. Y.
Ansonia Mfg. Co., 15 Park row, New York
Atwood & Morrill ("XX Century"), 48 Loring av, Salem, Mass.
Austin Separator Co., 97 Woodbridge, W Detroit, Mich.
BARTLETT, C. O. & SNOW CO., French St., Cleveland, O.
See adv index at end of book
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Consolidated Engineering Co. ("Van Auken"), 507 W Jackson blvd, Chicago, Ill.
Curtis Albert B., oil extractors, 25 Union, Worcester, Mass.
D'Olier Centrifugal Pump & Machine Co., 1421 Chestnut, Phila., Pa.
Elliott Co., Pittsburgh, Pa.
GRISCOM-RUSSELL CO. ("Reilly Multi-screen" & "Ebsen"), 92 West, New York *See adv index at end of book*
Hussey, McCann & Co. ("Peerless" Grease), 87 Warren, New York
Jacobs Chas. & Co. ("Lowden"), 258 Franklin, Boston, Mass.
Jarvis Engine & Machine Works ("Monitor," Oil Only), Lansing, Mich.
Lagonda Mfg. Co., Springfield, O.
Lummus Walter E Co. (Solvent Process), 173 Milk, Boston, Mass.
National Separator & Machine Co. ("National," "Springfield"), Concord, N. H.
Patterson-Kelly Co., 26 Cortlandt, New York
Reliance Mfg. Co., Cleveland, O.
Robertson Jas. L. & Son ("Hines"), 78 Murray, New York
Row & Davis Engineers Inc., 90 West, New York. *See adv index at end of book*
Schutte & Koerting Co., 1251 N 12th, Phila., Pa.
Sims Co. ("Sims" Cast Iron), 18th & Whitley av, Erie, Pa.

4506a— Extractors (Screw)

Cleveland Twist Drill Co. ("Ezy-Out"), 1 E 49th, Cleveland, O.

4507— Extractors (Stone)

Huntley Mfg. Co. ("Monitor" for Extracting Stone from Grain, etc), Silver Creek, N. Y.

4508— Extractors (Tap)

Graham Mfg. Co., 96 Point, Providence, R. I.
Walton Co. ("Walton"), Hartford, Conn.

4509— Extractors (Tar)

Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
Buffalo Forge Co., Buffalo, N. Y.
Gas Machy. Co., 1900 Euclid av, Cleveland, O.
Isbell-Porter Co. ("P. & A." for Water Gas), 46 Bridge, Newark, N. J.
Smith Gas Power Engineering Co. ("Smith"), Lexington, Richland Co., Ohio

4510— Extracts (Bark)

American Extract Co. (Hemlock), 129 W Kinzie, Chicago, Ill.
C. P. N. CHEMICAL CO., INC. (Quercitron Solid & Liquid), 78 Reade, New York, & 231 W Huron, Chicago, Ill.
Heald Jno. H. & Co., Lynchburg, Va.
Kuttroff Pickhardt & Co., Inc. (Selling agents), 128 Duane, New York
Marden, Orth & Hastings Co. (Hemlock, Chestnut, Oak, Spruce, etc), 61 B'way, New York
Michigan Tanning & Extract Co. (Hemlock, etc), Petosky, Mich.
Smethport Extract Co. (Pure Hemlock), Exchange bldg, Boston, Mass.
Tanners Extract Co. (Chestnut, Oak), Charleston, W. Va.
Young John S. & Co., Hanover, Pa.

4511— Extracts (Dyewood)

American Dyewood Co., 80 Maiden la, New York
Baltic Chemical Co., 183 Duane, New York
Farbwerke-Hoechst Co., 122 Hudson, New York
Fuerst Bros. & Co. (Imported), 2 Stone, New York
Jamaica Dyewood & Chemical Co. ("Rio D'Oro" Brand), 50 Church, New York
Klipstein A. & Co., 644 Greenwich, New York
Kuttroff Pickhardt & Co., Inc. (Selling Agents), 128 Duane, New York
Lewis John D., 8 Exchange pl, Providence, R. I.
Leyland Thos. & Co., Readville, Boston, Mass.
McKenna J. L. & Co., 524 W B'way, New York
Marden, Orth & Hastings Co., 61 B'way, New York
Rice Edward E. & Co., 620 Atlantic av, Boston, Mass.
Stamford Mfg. Co. (Logwood, etc), 82 Wall, New York. Factory: Stamford, Conn.
Sykes W. F. & Co. (Imp), 176 William, New York
Tanners Extract Co., Charleston, W. Va.
United Indigo & Chemical Co. Ltd., 176 Federal, Boston, Mass.

4512— Extracts (Indigo)

American Dyewood Co. (Dealer), 80 Maiden la, New York
Arnold, Hoffman & Co., 55 Canal, Providence, R. I.
Farbwerke-Hoechst Co., 122 Hudson, New York
Klipstein A. & Co., 644 Greenwich, New York
Lewis John D. (Imported), 8 Exchange pl, Providence, R. I.
Ransom L. E. Co. (Imp), 279 Pearl, New York
Rice Edward E. & Co., 620 Atlantic av, Boston, Mass.
United Indigo & Chemical Co. Ltd., 176 Federal, Boston, Mass.
Worden Chemical Works (Imp), 4 Cedar, New York

4513— Extracts (Logwood)

C. P. N. CHEMICAL CO., INC. (Solid & Liquid), 78 Reade, New York, & 231 W Huron, Chicago, Ill.
Dye Products Co. of the U. S., Kroms & Wiede, Phila., Pa.
Hellenic Chemical & Color Co., Inc., 429 W 13th, New York
Kuttroff Pickhardt & Co., Inc. (Selling Agents), 128 Duane, New York
Lewes John D., Turks Head bldg, Providence, R. I.
Leyland Thos. & Co., Readville, Boston, Mass.
Marden, Orth & Hastings Co., 61 B'way, New York
National Gum & Mica Co. (Liquid & Solid), 59th & 11th av, New York
Starkweather & Williams Co., 47 Exchange pl, Providence, R. I.
U. S. Dye Products Co., 801 Vernon av, Long Island City, N. Y.
Worden Chemical Works (Imp), **4 Cedar,** New York

4514— Extracts (Quebracho)

Bauer Philip Co. (Imported), **68 Broad,** New York
Klipstein A. & Co. ("Argam" & Ordinary), 644 Greenwich, New York
Marden, Orth & Hastings Co., 61 B'way, New York
New York Quebracho Extract Co. (Solid & Liquid), 80 Maiden Lane, New York

4515— Extracts (Tanning)

Champion Fibre Co., Hamilton, O.
Chilhowie Extract Co., Newport, Tenn.
C. P. N. Chemical Co., Inc., 78 Reade, New York, & 231 W Huron, Chicago, Ill.
Dennis Martin Co. ("Talolin"), 859 Summer av, Newark, N. J.
Fuerst Bros. & Co. (Imp), 2 Stone, New York
Haley-Hammond Co., 129 Pearl, New York
Heald Jno. H. & Co., Lynchburg, Va.
Klipstein A. & Co., 644 Greenwich, New York
Marden, Orth & Hastings Co., 61 B'way, New York
Marion Extract Co., Marion, Va.
Mount Union Tanning & Extract Co., Mt. Union, Pa.
Muskegon Extract Co., Muskegon, Mich.
New York Quebracho Extract Co. (Quebracho, etc), 80 Maiden Lane, New York
Robeson Process Co. ("Spruce"), 18 E 41st, New York
Rosman Tanning Extract Co., Rosman, N. C.
Smethport Extract Co. (Chestnut, Oak & Wood & Hemlock Bark), Exchange bldg, Boston, Mass.
Southern Extract Co., Knoxville, Tenn.
Stamford Mfg. Co. (Quebracho, etc), 82 Wall, New York. Factory: Stamford, Conn.
Tanners Extract Co., Charleston, W. Va.
United Indigo & Chemical Co., Ltd., 176 Federal, Boston, Mass.
Young John S. & Co. (Bark), Hanover, Pa.

4515a—*Extruded Metal Workers

GORHAM CO. ARCHITECTURAL BRONZE), 5th av & 36th, New York
See adv index at end of book

Eye Glasses

See Lenses

Eye Shades

See Goggles & Eye Protectors

4516— Eyelet Sets

Eyelet Tool Co., 40 Lincoln, Boston, Mass.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.

4516a— Eyelets (All Metals)

Am. Ring Co., 531 Bank, Waterbury, Conn.
Empire Elec. & Mfg. Co., Plainville, Conn.
Scovill Mfg. Co., Waterbury, Conn.
See adv index at end of book
Waterbury Mfg. Co., Waterbury, Conn.

4517—Eyelets (Carriage, Etc.)

Brewer-Titchener Corp., Cortland, N. Y.
Crandal, Stone & Co. Division The Brewer-Titchener Corp), Binghamton, N. Y.
Goshen Eyelet Co. ("Dickinson"), Goshen, Ind.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Higgin Mfg. Co., Newport, Ky.
Metal Stamping Co., 13th, Long Island City, N. Y.
Monarch Carriage Goods Co., Cincinnati, Ohio
Neider F. A. Co., Augusta, Ky.
Rimmon Eyelet Co., Seymour, Ct.
Stimpson E. B. Co., 68 Franklin av, Brooklyn, N. Y.

Eyelets (Knob)

See Eyelets, Carriage, etc

4518— Eyelets (Shoe, Etc.)

Agatine Shoe Hook & Eyelet Co., 258 Norfolk, Newark, N. J.
AMERICAN BRASS CO. (Brass, Gilding, etc), Waterbury, Conn.
For branch offices see adv index at end of book
Caseley & Neemes (Corset), Taunton, Mass.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Halyard Mfg. Co., Providence, R. I.
Hughes Eyelet Co., Taunton, Mass.
Platt Bros. & Co., Waterbury, Conn.
Rhodes J. C. & Co. (Shoe, Tag & Corset), New Bedford, Mass.
Rimmon Eyelet Co., Seymour, Conn.
Scovill Mfg. Co. (Brass, to Order Only), Waterbury, Conn.
See adv index at end of book
S. O. & C. Co. (Shoe, Corset, etc), Ansonia, Conn.
Sibley E. L. Mfg. Co., Bennington, Vt.
Stimpson Edwin B. Co., 68 Franklin av, Brooklyn, N. Y.
United Shoe Machinery Co. (All Kinds, Fast Color), 205 Lincoln, Boston, Mass.
Waterbury Button Co., Waterbury, Conn.
Waterbury Mfg. Co., Waterbury, Conn.

4519— Eyers (Pineapple)

Reading Saddle & Mfg. Co. (Combined with Strawberry Huller), Reading, Pa.
Spengler-Loomis Mfg. Co. ("Peerless"), 58 E Washington, Chicago, Ill.
White Ira F. & Son Co., Bloomfield, N. J.

4520—Eyes (Brass & Bright Wire)

Jencks E. Mfg. Co. (Screw, Stair Rod, Bird Cage, Harness, Hitching, Storm Window Strop, etc), Worcester, Mass.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Nelson Tool Co., Inc., 782 E 142nd, New York. *See adv index at end of book*
Parker Wire Goods Co., Worcester, Mass.

4521— Eyes (Lacing)

Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.

4522— Eyes (Pole & Shaft)

Blakeslee Forging Co., Plantsville, Conn.
Clapp E. D. Mfg. Co., 300 Genesee, Auburn, **N. Y.**
Cleveland Shaft Spring Co., Cleveland, O.
Cowles C. & Co., New Haven, Conn.
Eccles Richard Co., Auburn, N. Y.
Smith H. D. Co., Plantsville, Conn.
Strieby & Foote Co., Newark, N. J.
Upson Nut Co., Cleveland, O.

Eyes (Screw)

See Screw Eyes

Fabrics (Automobile Top)

See Cloth, Rubber Coated;
Also Leather, Artificial

4523—Fabric (Wire Link, for Spring Beds)

Automatic Woven Wire Supply Co., Mangin & Delancey, New York
Mattatuck Mfg. Co. ("National," "Mottoluck Columbia"), Waterbury, Conn.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book

Fabricators (Steel Building)

See Steel Structural Work

4523a— Fabric (Airplane)

Courtrai Mfg. Co., 115 Franklin, New York
McBratney Robt. & Co., 121-123 Franklin, New York
U. S. Rubber Tire Co. ("Usco No. 72"), 58th & B'way, New York

4524— Facing Arms

Underwood H. B. & Co. (Portable), 1027 Hamilton, Phila., Pa.

Factory Buildings (Steel)

See Steel Structural Work

4524a—Factory Enclosures (Fences and Gates)

Page Steel & Wire Co., Adrian, Mich.
See adv index at end of book

4524b— Fair Leaders

Thacher Geo. H. & Co., Albany, N. Y.

4525— Fans (Acid)

Duriron Castings Co., Dayton, O.
Stearns-Roger Mfg. Co. ("Heinz-Skinner"), Denver, Col.

4526— Fans (Battery Motor)

Carleton Co., 170 Summer, Boston, Mass.
Kendrick-Davis Co. ("Ajax," "Standard," "Kent"), Lebanon, N. H.
Knapp Electric & Novelty Co. ("Kenco"), 511 W 51st, New York
Manhattan Electric Supply Co., 17 Park pl, New York
See adv index at end of book
Menominee Elec. Mfg. Co., Menominee, Mich.
Ohio Electric Works, Cleveland, O.

Fans (Ceiling)

See Fans, Ceiling Belted; also Fans, Ceiling Electric; also Fans, Water Motor

4527— Fans (Ceiling, Belted)

Dayton Fan & Motor Co., Dayton, O.
Hunter Fan & Motor Co. ("Tuerk's"), Fulton, N. Y.
Indiana Fan Co., 40 E South, Indianapolis, Ind.
Ochsner A. & Son, New Haven, Conn.
Seymour J. M. Jr., 51 Lawrence, Newark, N. J.
Tolhurst Machine Works, Troy, N. Y.

4528—Fans (Ceiling, Electric)

Adams-Bagnall Electric Co. ("Jandus," "Gyrofan" Alternating & Direct Current), Cleveland, O.
Century Electric Co. ("Century," Alternating Current), 19th & Pine, St. Louis, Mo.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Dayton Fan & Motor Co. (Direct Current), Dayton, O.
Diehl Mfg. Co. (Direct Current), Elizabeth, N. J.
ECK DYNAMO & MOTOR CO. ("Hurricane," "Eck Hurricane"), Belleville, N. J. *See adv index at end of book*
Emerson Electric Mfg. Co. (Alternating Current), 2021 Wash av, St. Louis, Mo.
Fidelity Electric Co. (Direct Current), Lancaster, Pa.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER

FANS (CEILING, ELECTRIC)—continued
GENERAL ELECTRIC CO. (Direct Current), Schenectady, N. Y.
See adv index at end of book
Hunter Fan & Motor Co. ("Tuerk," Adjustable Direct & Alternating Current), Fulton, N. Y.
Peerless Electric Co. ("Peerless," Direct Current), Warren, O.
Robbins & Myers Co. (Direct & Alternating), 1400 Lagonda av, Springfield, O.
Sprague Electric Works ("Lundell," Direct Current), 527 W 34th, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

4529— Fans (Centrifugal)

American Blower Co. ("Sirocco," "A P C"), 1400 Russell, Detroit, Mich.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Howard & Morse ("Blackman" & "Duplex Cone"), 46 Fulton, New York
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
New York Blower Co., Archer av & Canal, Chicago, Ill. Works: Bucyrus, O.
Ottumwa Box Car Loader Co., Ottumwa, Iowa
Stine S. B., Osceola Mills, Pa.

4529a— Fans (Cinder)

Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book

4529b—*Fans (Collecting & Conveying)

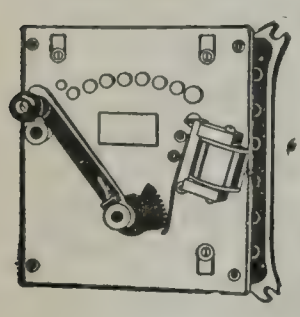
Boston Blower Co., Hyde Park, Boston, Mass.

Fans (Desk & Office)

See Fans, Electric, Portable, Alternating Current; also Fans, Electric Portable, Direct Current

4530—Fans (Electric Disc, Direct Connected)

American Blower Co. ("A B C," "Cyclone," "Ventura"), 1400 Russell, Detroit, Mich.
Barney Ventilating Fan Wks, 19 Chardon, Boston, Mass.
Batterman Truitt Co., 20 E Kinzie, Chicago, Ill.
Bayley Mfg. Co., 732 Greenbush, Milwaukee, Wis.
Bicalky Fan Co., Buffalo, N. Y.
Buffalo Forge Co., 490 B'way, Buffalo, N. Y.
Crocker-Wheeler Co., Ampere, N. J.



Motor Speed Regulators for motor driven apparatus of every kind, such as fans, blowers, etc.
The Cutler-Hammer Mfg. Co.,
12th St. & St. Paul Ave.
Milwaukee, Wis.

Dayton Fan & Motor Co., Dayton, O.
Diehl Mfg. Co., Elizabeth, N. J.
ECK DYNAMO & MOTOR CO. ("Hurricane"), Belleville, N. J.
See adv index at end of book
Emerson Elec. Mfg. Co., 2024 Wash'n av, St. Louis, Mo.
Fuller Co., Detroit, Mich.
Garden City Fan Co., 332 S Michigan av, Chicago, Ill.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Green Fuel Economizer Co., Beacon, N. Y.
Holtzer-Cabot Electric Co., 125 Amory, Boston, Mass.
Howard & Morse ("Blackman" & "Duplex Cone"), 46 Fulton, New York
Ilg Elec. Ventg. Co., 154 Whiting, Chicago, Ill.
Indiana Fan Co., 40 E South, Indianapolis, Ind.
Johnston Wm. T. Co., 3d & Vine, Cincinnati O.
Kimble Elec. Co., 634 N Western, Chicago, Ill.
Mechanical Appliance Co. ("Watson"), Milwaukee, Wis.
National Blower Works, Milwaukee, Wis.
New York Blower Co., Archer av & Canal, Chicago, Ill.
Peerless Electric Co. ("Peerless"), Warren, Ohio.
Perkins B. F. & Son, Holyoke, Mass.
Protective Ventilator & Screen Corp., 330 E 23rd, New York
Robbins & Myers Co., 1400 Lagonda av, Springfield, O.
Rochester Motors Co., Rochester, N. Y.
Seymour J. M. Jr., 51 Lawrence, Newark, N. J.
Sprague Electric Works, 527 W 34th, New York
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
Western Electric Co., 463 West, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wing L. J. Mfg. Co., 352 W 13th, New York

4531—Fans (Electric Portable, Alternating Current)

Adams-Bagnall Electric Co. ("Jandus"), Cleveland, O.
American Blower Co., 1400 Russell, Detroit, Mich.
Century Electric Co., 19th & Pine, St. Louis, Mo.
Crocker-Wheeler Co., Ampere, N. J.
Diehl Mfg. Co., Elizabeth, N. J.
Dilg Mfg. & Trading Co., 401 E 163d, New York
ECK DYNAMO & MOTOR CO. ("Hurricane," "Eck Hurricane"), Belleville, N. J. *See adv index at end of book*
Emerson Electric Mfg. Co., 2024 Wash. av, St. Louis, Mo.
Fidelity Electric Co., Lancaster, Pa.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Gilbert A. C. Co. ("Polar Cub"), New Haven, Conn.
Hunter Fan & Motor Co., Fulton, N. Y.
Kimble Electric Co., 634 N Western av, Chicago, Ill.
Peerless Electric Co. ("Peerless'), Warren, O.
Robbins & Myers Co., 1400 Lagonda av, Springfield, O.
Shedd Electric Co. ("Comfort"), Roselle Park, N. J.
Western Electric Co, 463 West, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

4532—Fans (Electric Portable, Direct Current)

Adams-Bagnall Electric Co. ("Jandus," Direct Current), Cleveland, O.
American Blower Co., 1400 Russell, Detroit, Mich.
Boker H. & Co. (Ercole Marelli & Co., Imp.), 101 Duane, New York
Carleton Co., 170 Summer, Boston, Mass.
Crocker-Wheeler Co., Ampere, N. J.
Commercial Electrical Supply Co., 15th & Pine, St. Louis, Mo.
Dayton Fan & Motor Co., Dayton, O.
Diehl Mfg. Co. ("Universal"), Elizabeth, N. J.
Dilg Mfg. & Trading Co., 401 E 163rd, New York
ECK DYNAMO & MOTOR CO. ("Hurricane," "Eck Hurricane"), Belleville, N. J. *See adv index at end of book*
Emerson Electric Mfg. Co., 2024 Wash'n av, St. Louis, Mo.
Fidelity Elec. Co., Lancaster, Pa.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Gilbert A. C. Co. ("Polar Cub"), Fox, New Haven, Conn.
Hamilton-Beach Mfg. Co. ("Cyclone"), Racine, Wis.
Hunter Fan & Motor Co., Fulton, N. Y.
Knapp Elec. & Nov. Co., 569 W 51st, New York
Kokomo Oscillating Fan Co., Kokomo, Ind.
Lindstrom-Smith Co., 1104 S Wabash av, Chicago, Ill.
Manhattan Elecl. Supply Co., 17 Park pl, New York *See adv index at end of book*
Menominee Electric Mfg. Co., Menominee, Mich.
Parker Machine & Fan Works, Kansas City, Kans.
Peerless Electric Co. ("Peerless"), Warren, Ohio
Racine Electric Co., 53 W Jackson bl, Chicago, Ill.
Robbins & Myers Co. (also Alternating Current), 1400 Lagonda av, Springfield, O.
Roth Bros. & Co., 1400 W Adams, Chicago, Ill.
Shedd Electric Co. ("Comfort"), Roselle Park, N. J.
Sprague Electric Works ("Lundell"), 527 W 34th, New York
Star Fan & Motor Wks, 245 N. J. R. R. av, Newark, N. J.
Western Electric Co., 463 West, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

4533—Fans (Exhaust or Ventilating)

See also Blowers, Various Kinds; also Fans, Mine Ventilating; also Fans, Electric, Various Kinds

CONNECTICUT.

HARTFORD—Connecticut Blower Co., Inc., 133-39 Sheldon
WINDSOR LOCKS—Clark George P. Co.

ILLINOIS.

CHICAGO—Cyclone Blow Pipe Co., 2552 W 21st
Fairbanks, Morse & Co., 900 So. Wabash av
Garden City Fan Co., 332 S Michigan av
Ilg Electric Ventilating Co. (Self-Cooled Motor), 154 Whiting
New York Blower Co., Archer av & Canal. Works: Bucyrus, O.
Raymond Bros. Impact Pulverizing Co., 1319 North Branch
STURTEVANT B. F. CO., ("Sturtevant," "Multivane," "Monogram," "Steel Pressure," "Supervane"), 530 S Clinton
See adv index at end of book
U. S. Steel Tank & Pipe Co., 2090 Canalport av

INDIANA.

INDIANAPOLIS—Nordyke & Marmon Co., 1290 Kentucky av

KANSAS.

KANSAS CITY—Parker Machine & Fan Works
WICHITA—Reschke Machine Works

MARYLAND.

BALTIMORE—Dixie Mfg. Co., Stockholm & Russell

MASSACHUSETTS.

BOSTON—Banister A. W. Co., 421 Dorchester av S
Barney Ventilating Fan Works (Compound) (A. B. Franklin, Prop.), 19 Chardon
Berry A. Hein Fan Co., 29 W 1st, So. Boston
Boston Blower Co., Hyde Park
Carlisle & Gale Co. (Slow Speed, Low Power), 5 North
Electric Blower Co. ("Marvel"), 352 Atlantic av
STURTEVANT B. F. CO., ("Sturtevant," "Multivane," "Monogram," "Steel Pressure," "Supervane," "Turbovane"), 15 Damon, Hyde Park
See adv index at end of book
HOLYOKE—Perkins B. F. & Son
NEWTON—Davidson Fan Co.

MICHIGAN.

DETROIT—American Blower Co. ("A. B. C."), 1400 Russell
Fuller Co.
KALAMAZOO—Clarage Fan Co., North & Porter
SAGINAW—Allington & Curtis Mfg. Co.

MISSOURI.

ST. LOUIS—Century Electric Co., 19th & Pine
Emerson Electric Mfg. Co., 2024 Wash'n av
Skinner Bros. Mfg. Co., 10th & Tyler
Western Blow Pipe & Sheet Metal Co.

NEW JERSEY.

BELLEVILLE—**ECK DYNAMO & MOTOR CO.** *See adv index at end of book*
ELIZABETH—Diehl Mfg. Co.
EAST TRENTON—**DE LAVAL STEAM TURBINE CO.** (Turbine Driven) *See adv index at end of book*
NEWARK—Backus Water Motor Co., 172 Penna av
Seymour J. M. Jr., 51 Lawrence

NEW YORK.

BEACON—Green Fuel Economizer Co.
BUFFALO—Bicalky Fan Co.
Buffalo Forge Co. ("Baby")
FULTON—Hunter Fan & Motor Co. ("Tuerk," Electric & Belt)

NEW YORK CITY.

NEW YORK—**GODFREY-KEELER CO.**, 70 Warren *See adv index at end of book*
Howard & Morse ("Blackman" & "Duplex Cone"), 46 Fulton
Lyon Ventilating Machinery Co., 889 E 134th
STURTEVANT B. F. CO. ("Sturtevant"), 52 Vanderbilt av *See adv index at end of book*
Typhoon Fan Co., 1544 B'way
Wing L. J. Mfg. Co., 352 W 13th
SCHENECTADY—**GENERAL ELECTRIC CO.** (Electric) *See adv index at end of book*
TROY—Tolhurst Machine Works (Ventilating)

OHIO.

BUCYRUS—New York Blower Co. (See Chicago, Ill.)
CINCINNATI—Diamond Machine Co., 3rd & Vine
Johnston Wm. T. Co., 3rd & Vine
Kirk & Blum, York & Western aves
CLEVELAND—Bartlett Bros. Co., 178 Huron
Sly W W Mfg. Co., 4700 Train av
SPRINGFIELD—Robbins & Myers Co., 1400 Lagonda av (For Small Rooms, etc)
WARREN—Peerless Electric Co. ("Peerless," Consulting)

PENNSYLVANIA.

EAST PITTSBURGH—**WESTINGHOUSE ELECTRIC & MFG. CO.** *See adv index at end of book*
LANCASTER—Champion Blower & Forge Co.
PHILADELPHIA—Philadelphia Textile Machinery Co. ("Proctor"), Tabor

RHODE ISLAND.

PROVIDENCE—Astle H. J. & Co. ("Boland"), 118 Orange
New England Ventilating & Heating Co., 926 Manton av

WISCONSIN.

MILWAUKEE—**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*
Bayley Mfg. Co.
Mechanical Appliance Co. (Motor Driven)
National Blower Works

4534— Fans (Fly)

National Enameling & Stamping Co. ("Keyless"), 411 5th av, New York

4534a—*Fans (Gyrating, Electric)

Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa. *See adv index at end of book*

4535—Fans (Mine Ventilating)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
American Blower Co. ("Sirocco"), 1400 Russell, Detroit, Mich.
Buffalo Forge Co., Buffalo, N. Y.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Connellsville Mfg. & Mine Supply Co. Connellsville, Pa.
Crawford & McCrimmon Co., Brazil, Ind.
DE LAVAL STEAM TURBINE CO. (Turbine Driven), East Trenton, N. J. *See adv index at end of book*
Dixie Mfg. Co., Stockholm & Russell, Baltimore, Md.
Duncan Foundry & Machine Works, Alton, Ill.
Eagle Iron Works (Direct Connected), Des Moines, Ia.
Elliott Co. ("Clifford Capell"), Pittsburgh, Pa.
Fairmont Mining Machinery Co., Fairmont, W Va.
Finch Mfg. Co., Scranton, Pa.
Garden City Fan Co., 332 S Michigan av, Chicago, Ill.
Harris-Stevens Co., Pittsburgh, Pa.
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
Herzler & Henninger Machine Works, Belleville, Ill.
Howard & Morse ("Blackman" & "Duplex Cone"), 46 Fulton, New York
JEFFREY MFG. CO. ("Jeffrey," Centrifugal), 961 N Fourth Columbus, O. *See adv index at end of book*
Johnston Wm. T. Co., 3d & Vine, Cincinnati, O.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa. *See adv index at end of book*
Litchfield Foundry & Machine Co., Litchfield, Ill.
Mineral Ridge Mfg. Co. ("Stevens" Centrifugal), Mineral Ridge, O.
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Ottumwa Box Car Loader Co., Ottumwa, Ia.
Ottumwa Iron Works, Ottumwa, Ia.
Parker Machine & Fan Works, Kansas City, Kans.
Robinson Ventilating Co., Jenkins Arcade bldg, Pittsburgh, Pa.
Scottdale Machine & Mfg. Co., Scottdale, Pa.
South Side Foundry & Machine Works ("Kanawha"), Charleston, W. Va.
Stine J. C. Co. (6 to 30 ft in diameter), Tyrone, Pa.
Stine S. B., Osceola Mills, Pa.
United Iron Works Co., Kansas City, Mo.
Vulcan Iron Works, Wilkes-Barre, Pa.

4536— Fans (Propeller)

American Blower Co., 1400 Russell, Detroit, Mich.
Bicalky Fan Co., Buffalo, N. Y.
Garden City Fan Co., 332 S Michigan av, Chicago, Ill.
New York Blower Co., Archer av & Canal, **Chicago, Ill.**
Sterling Blower Co. ("Sterling"), Hartford, Conn.
STURTEVANT B. F. CO. ("Sturtevant" Electric & Pulley), 15 Damon, Hyde Park, Boston, Mass. *See adv index at end of book*

4537— Fans (Radiator)

A. Z. Co., 527 W 56th, New York
Briscoe Mfg. Co., Detroit, Mich.
Holtz Fdry. & Mfg. Co., Fremont, O.
Kells W. J. Mfg. Co., 521 W 45th, New York
McCord Mfg. Co., Detroit, Mich.
New Britain Sheet Metal Co., New Britain, Conn.
Sparks-Withington Co., Jackson, Mich.

4538—Fans (Roof Ventilating)

American Blower Co., 1400 Russell, Detroit, Mich.
Bicalky Fan Co. ("Bicalky"), Buffalo, N. Y.
Parker Machine & Fan Works, Kansas City, Kans.

4538a— Fans (Rotary Lead)

Schutte & Koerting Co., 1251 N 12th, Phila., Pa.

4539-40—Fans (Steel Plate)

American Blower Co. ("A. B. C."), 1400 Russell, Detroit, Mich.
Buffalo Forge Co. ("Niagara Canoidal"), Buffalo, N. Y.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass. *See adv index at end of book*

Fans (Ventilating)

See Fans, Exhaust or Ventilating

Fans (Ventilating, Engine Connected)

See Blower Manufacturers

4541— Fans (Water Motor)

Backus Water Motor Co., 172 Penna av, Newark, N. J.
Hunter Fan & Motor Co., Fulton, N. Y.
Indiana Fan Co. (Desk & Column), 40 E South, Indianapolis, Ind.
Lake Breeze Motor Co. (Oil or Alcohol Driven), 560 W Monroe, Chicago, Ill.
Seymour James M. Jr., 51 Lawrence, Newark, N. J.

4542— Farina

Albers Bros. Milling Co., Portland, Ore.
Campbell L. G. Milling Co., Owatonna, Minn.
Centennial Mill Co., Seattle, Wash.
Commercial Milling Co., Woodbridge & Randolph, Detroit, Mich.
Corno Mills Co., St. Louis, Mo.
Crete Mills, Crete, Neb.
Hecker-Jones-Jewell Milling Co., 43 Corlear Exchange, New York
Hess G. B. Co., Green Bay, Wis.
Lea Milling Co., Wilmington, Del.
Norfolk Cereal & Flour Mills, Norfolk, Neb.
Quaker Oats Co., 80 E Jackson blvd, Chicago, Ill.
Red Wing Milling Co., Red Wing, Minn.
Sparr Cereal Co., Marshfield, Wis.

4543— Fasteners (Bale Tie)

Acme Steel Goods Co. (Also Shook Tie), 2834 Archer av, Chicago, Ill.
CARY MFG. CO., Nassau & Jay, Brooklyn, N. Y. *See adv index at end of book*
Signode System, Inc., 108 W Lake, Chicago, Ill.

4544— Fasteners (Bedstead)

Acme Steel Goods Co., 2834 Archer av, Chicago, Ill.
American Mfg. Co., Chattanooga, Tenn.
Stanley Works, New Britain, Conn. *See adv index at end of book*
Susquehanna Casting Co., Wrightsville, Pa.
Wrightsville Hardware Co., Wrightsville, Pa.

4545—Fasteners (Blind & Shutter)

Auer John Jr. ("Van Sands" Wrought Iron), 197 Middleton, Brooklyn, N. Y.
Axthelm Mfg. Co. (Flush Gravity), 242 3d av, Pittsburgh, Pa. *See adv index at end of book*
ELECTRICAL APPLIANCE MFG. CO. (Blind), Waterbury, Conn.
Flagg Stanley G. & Co. ("Francis"), Morris bldg, Phila., Pa.
Ives H. B. Co., New Haven, Conn.
Johnston J. D., Newport, R. I.
Orr, Galen & Co., Needham, Mass.

FASTENERS (Blind & Shutter)—continued
Parker Wire Goods Co. ("Streeter"), Worcester, Mass.
Penn Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn.
STANLEY WORKS (Wrought Steel, "Boston," Security," blind, & "Shedds" wire blind), New Britain, Conn.
See adv index at end of book
Susquehanna Casting Co., Wrightsville, Pa.
Tolman, I. W. (Storm Window), Worcester, Mass. *See adv index at end of book*
Wrightsville Hardware Co. ("Shepard's"), Wrightsville, Pa.
Zimmerman G. F. S. & Co. ("Zimmerman" All Steel), Frederick, Md.
Zimmerman H. ("Zimmerman" All Steel Shutter Fastener), Fremont, O.

4546—Fasteners (Box & Crate)

Acme Steel Goods Co. (Box, Board & Shook), 2834 Archer av, Chicago, Ill.
CARY MFG. CO. (Box Board & Shook), Nassau & Jay, Brooklyn, N. Y.
See adv index at end of book
Crouse Metal Mfg. Co., Williamsport, Pa.
DE HAVEN MFG. CO., 50 Columbia Heights, Brooklyn, N. Y.
Ryan M. C. Co., Phoenix, N. Y.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

Fasteners (Button)

See Fasteners, Carriage, Auto Curtain & Top

4547— Fasteners (Car Door)

Dayton Mall. Iron Co. ("Dayton"), Dayton, O.
National Malleable Castings Co., 7706 Platt av S E, Cleveland, O.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Western Railway Equipment Co., Central Nat'l Bank bldg, St. Louis, Mo.

4548—Fasteners (Carriage & Auto Curtain & Top)

Anderson Electric Machine Tool Co., 1324 Cass av, St. Louis, Mo.
Auto Specialties Mfg. Co. ("Bair"), Joliet, Ill.
Carr Fastener Co. (Snap Lock "Lift The Dot," "Common Sense"), Boston, Mass.
Cowles C. & Co. ("Brewster," "Ideal," "Perfect," "Success," "Excelsior"), New Haven, Conn.
Crandal, Stone & Co. Division The Brewer-Titchener Corp. ("Titchener's," "Perfect," "Eccentric," "Pioneer," "Premier" & Adjustable), Binghamton, N. Y.
English & Mersick Co. ("Grip"), New Haven, Conn.
Enterprise Brass & Plating Co. ("Monarch"), 6th & Baymiller, Cincinnati, O.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Heaton Peninsular Button Fastener Co. ("Heaton," "Peninsular," "Apex"), 65 Shirley, Boston, Mass.
Higgin Mfg. Co. ("Higgin"), Newport, Ky.
Jonah & George, Merrimac, Mass.
Metal Stamping Co. ("Peerless," "Perfection" & Adjustable), 13th, Long Island City, N. Y.
Murphy G. W. J. Co. ("Murphy"), Amesbury, Mass.
National Lock Washer Co. ("National"), 65 Johnson, Newark, N. J.
Neider F. A. Co. ("Peerless" Brass), Augusta, Ky.
North & Judd Mfg. Co. ("Anchor Brand," "Perfection"), New Britain, Conn.
Novelty Mfg. Co., Waterbury, Conn.
O'Brien Jos. F. Mfg. Co., 391 B'way, New York
Scherer H. & Co., Detroit, Mich.
Scoville Mfg. Co. (Auto Snap), Waterbury, Conn. *See adv index at end of book*
Smith Jos. N. & Co. ("Reliable"), Detroit, Mich.
Standard Top & Equipment Co. ("Swan"), 1849 E 65th, Cleveland, O.
Trojan Button Fastener Co., Troy, N. Y.
United States Fastener Co., 95 Milk, Boston, Mass.
Weiss Chas. & Son ("Separable"), 4715 Cottage Grove av, Chicago, Ill.
Western Brass Mfg. Works, Marshall blvd & W 21st, Chicago, Ill.
Woodruff Walter W. & Sons Co., Mt Carmel, Conn.

4549— Fasteners (Chain Door)

Grey Iron Castings Co., Mt. Joy, Pa.
Pacific Hardware Mfg. Co., Los Angeles, Cal.
Penn Hardware Co., Reading, Pa.
Racine Iron & Wire Works ("Anti-Panic"), Racine, Wis.
Sargent & Co., New Haven, Conn.
Stanley Works, New Britain, Conn.
See adv index at end of book
Yale & Towne Mfg. Co., 9 E 40th, New York

4550— Fasteners (Cloth)

Salisbury Mfg. Co. (For Rolls of Cloth, etc), 14 Leather av, Providence, R. I.

4551—Fasteners (Clothes Line)

Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Noll Geo. H. ("Gem"), 27 Crescent, Brooklyn, N. Y.

4552-3—Fasteners (Clothing, Glove, Etc.)

See also Fasteners, Snap, also Hooks & Eyes, Dress

Alma Mfg. Co. (Snap), 611-61 S Monroe, Baltimore, Md.
Carr Fastener Co. (Snap Lock), Boston, Mass.
Cross Metal Products Corp., 2472 3rd av, New York
Glogan & Co. (Snap), Dickey bldg, Chicago, Ill.
Lane Mfg. Co. (Snap, for Gloves, Knit Goods, Pocket Books, Belts, Caps, etc), Waterbury, Conn.
Metal Specialty Manfg. Co., Inc., Waterbury, Conn.
Rau Fastener Co. (Snap, for Gloves, etc), 14 Blount, Providence, R. I.
Scovill Mfg. Co. (Snap), Waterbury, Conn.
Sterling Fastener Co., 432 E 71st, New York
Teneo Co., Inc. ("Teneo" Snap Fastener), 20 W 22nd, New York
See adv index at end of book
U. S. Fastener Co. (Clothing, Glove, Umbrella, Pocket Book, Shoe, Cap, etc), 95 Milk, Boston, Mass.
Waldes & Co. ("Koh-I-Noor" Snap), 137 5th av, New York

4554—Fasteners (Concrete Form)

Ryan M. C. Co. ("Sherwood"), Phoenix, N. Y.

4555—Fasteners (Conductor Pipe)

See also Hooks, Pipe

Berger Bros. Co., 229 Arch, Phila., Pa.
Berger Mfg. Co. (Adjustable), Canton, O.
Iwan Bros., South Bend, Ind.
Merchant & Evans Co., 2035 Washington av, Phila., Pa.
See adv index at end of book
Ohio Corrugating Co., Warren, O.

4556— Fasteners (Conduit)

Hart & Hegeman Mfg. Co. (For Holding Flexible Conduits in Wall Cases), Hartford, Conn.

4557—Fasteners (Corrugated Steel)

Acme Steel Goods Co., 2834 Archer av, Chicago, Ill.
CARY MFG. CO., Nassau & Jay, Brooklyn, N. Y. *See adv index at end of book*
Corrugated Steel Nail Co. ("Draw-Grip"), Springfield, O.
DE HAVEN MFG. CO., 50 Columbia Heights, Brooklyn, N. Y.
Klauer Mfg. Co., Dubuque, Ia.
Knight H. W. & Son, Seneca Falls, N. Y.
Shanafelt Mfg. Co., Canton, O.
Smallwood W. R. Mfg. Co., Gowanda, N. Y.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book
TWISTED WIRE & STEEL CO., 437 11th av, New York
Williamsport Joint Fastener Co., Williamsport, Pa.
Wrightsville Hardware Co., Wrightsville, Pa.

4558—Fasteners (Curtain, Car, Etc.)

Anderson Electric Machine Tool Co. (For Autos, Carriages, etc), 1324 Cass, St. Louis, Mo.
Carr F. S. Co., Boston, Mass.
Cowles C. & Co., New Haven, Conn.
Jarvis Charles L. Co. (Curtain), Gildersleeve, Conn.
Neider F. A. Co., Augusta, Ky.
Novelty Mfg. Co., Waterbury, Conn.
N. Y. Auto Equipment Co., Inc., 355 W 52nd, New York
Roehm & Davison, Wayne & Woodbridge, Detroit, Mich.
St. Louis Car Co. (For Car Curtains), 8000 N B'way, St. Louis, Mo.
Smith Jos. N. & Co., Detroit, Mich.
Weiss Chas. & Son, 4715 Cottage Grove av, Chicago, Ill.

CARY'S Superior Metal JOINT FASTENERS

Write for samples of our latest Saw Edge Style "Double Edge" Fasteners, which exceed all others in quality. Have two bevelled edges thereby increasing the keenness of the Fasteners which penetrate the wood with double facility.

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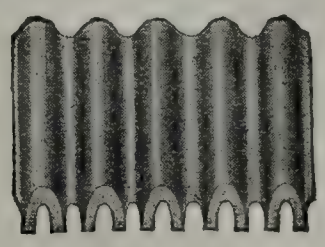

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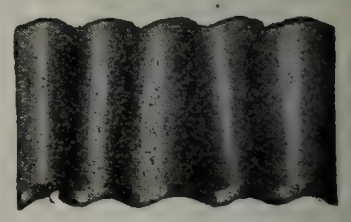

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Put up in Coils, wound right hand and left, for use with automatic driving machines.

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Also Makers of Cary's Universal and Wire Box Straps, Box Fasteners, Seals, Clasps, etc.

CARY MANUFACTURING CO., NASSAU AND JAY STREETS BROOKLYN, NEW YORK

4559—Fasteners (Guard Rail)

American Guard Rail Fastener Co. (Tie Plate), Real Estate Trust bldg, Phila., Pa.
Cleveland Frog & Crossing Co., Cleveland, Ohio
Cleveland Railway Supply Co., Cleveland, Ohio
Morden Frog & Crossing Works, 208 S La Salle, Chicago, Ill.
Virginia Railway Supply Co. (Shoffner), Norfolk, Va.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.

4560—Fasteners (Hame & Collar)

American Mfg. Co. ("Boss" Hame), Chattanooga, Tenn.
Berry Chas. E. ("Berry"), Somerville, Mass.
Conn A. H. ("Beats All"), Cedar Rapids, Ia.
Covert Mfg. Co. ("Holdfast"), Troy, N. Y.
Covert Saddlery Works ("Dandy," "Fairy," "C. B. B.," "L. B. L." Hame), Interlaken, N. Y.
Dodson Saddlery Co. ("Dodson"), Dallas, Tex.
Flagg Stanley G. & Co. (Hame), Morris bldg, Phila., Pa.
Foote J. B. Foundry Co., Fredericktown, O.
Imperial Bit & Snap Co., Racine, Wis.
National Safety Snap Co. ("Kling"), Wilmington, O.
North O. B. & Co. ("Success"), New Haven, Conn.
North & Judd Mfg. Co. (Improved "Success" Hame, "I X L" Collar), New Britain, Conn.
Weldless Chain Co. ("Perfect"), Bridgeport, Conn.

4560a— Fasteners (Hatch)

Mullholland Hatch Fastener Co. ("Mullholland," "Simplex," "Security"), Cleveland, O.

4561— Fasteners (Hoop)

AMERICAN STEEL & WIRE CO., Chicago, Ill. *See adv index at end of book*
Atlas Tack Co., Fair Haven, Mass.
Reading Screw Co., Norristown, Pa.
Stanley Geo. W. Co., Belleville, Ill.
Tower Mfg. Co., Elm & Commerce, Cincinnati, O
Townsend Co., New Brighton, Pa.

Fasteners (Horse Blanket)

See Holders, Blanket

Fasteners (Horse Collar)

See Fasteners, Hame & Collar

4562— Fasteners (Ice Box)

Reading Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn.

4563—Fasteners (Kiln Band & Plate)

Tecktonius E. C. Mfg. Co., Racine, Wis.

4564—Fasteners (Metal Lath)

Ankyra Mfg. Co., Wayne Junction, Phila., Pa.

Fasteners (Nut & Bolt)

See Washers, Lock

4565— Fasteners (Pail & Tub)

STANLEY WORKS (Cement Coated), New Britain, Conn.
See adv index at end of book

4566— Fasteners (Paper)

AMERICAN BRASS CO. ("McGill," "Star" Brass), Waterbury, Conn.
For branch offices see adv index at end of book
American Clip Co., Beebe av, Long Island City, N. Y.
Buffalo Automatic Mfg. Co. ("Climax"), 165 Pearl, Buffalo, N. Y.
Bumps Paper Fastener Co., La Crosse, Wis.
Clipless Paper Fastener Co. ("Clipless"), Newton, Ia.
De Long Hook & Eye Co. ("Twin Grip"), Broad & Wallace, Phila., Pa.
Dennison Mfg. Co. ("Magill Patn"), 26 Franklin, Boston, Mass.
Easy Fastener Co., Atlanta, Ga.
Grammes L F. & Sons, Allentown, Pa.
See adv index at end of book
Hotchkiss E. H. Co. (Fasteners & Tacker), Norwalk, Conn.
Ideal Specialties Mfg. Corp. ("Superior"), 436 E 9th, New York
Kelly F. Co., Derby, Conn.
Machine Appliance Corp'n (Automatic), 351 Jay, B'klyn, N. Y.
O. K. Mfg. Co. ("Washburne's O. K." Adjustable), Syracuse, N. Y.
Phila. Novelty Mfg. Co. ("Novelty"), 13th & Noble, Phila., Pa.
Rockwell-Barnes Co. ("Rockbarnes"), 823 S Wabash av, Chicago, Ill.
Salisbury Mfg. Co. ("Salisbury"), 14 Leather av, Providence, R. I.
Stimpson Edw. B. Co. ("Dale"), 68 Franklin av, Brooklyn, N. Y.
West Mfg. Co ("Only"), 58 N 2d, Phila., Pa

4567—Fasteners (Rug & Carpet)

Donchian Saml. Rug Co. ("Sultan"), Hartford, Conn.
Hampden Mfg. Co. ("Hampden" Fastener & Stretcher), 108 Fulton, New York

Fasteners (Sash)

See Locks, Sash

Fasteners (Sash Cord)

See Irons, Sash Cord

4568—Fasteners (Screen Plate)

Hardy Wm. A. & Sons Co. ("Spring-Lock-wood"), Fitchburg, Mass.
Union Screen Plate Co. ("Witham"), Fitchburg, Mass.

4569— Fasteners (Scuttle)

Auer John Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.

4570—Fasteners (Sheet Roofing)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Usona Mfg. Co. ("Howard's"), Aurora, Ill.

Fasteners (Shutter)

See Fasteners, Blind

4571— Fasteners (Slate)

Hamblin & Russell Mfg. Co., Worcester, Mass.

4571a— Fasteners (Snap)

See also Fasteners, Clothing, Glove, etc.
Alma Mfg. Co. (Clothing, Gloves, etc), 611 S Monroe, Baltimore, Md.
Bethlehem Snap Fastener Co., 1013 Myrtle av, B'klyn, N. Y.
Bird Fastener Co., 225 5th av, New York
Carr Fastener Co. (Carriage, Auto Top, etc), Ames, Cambridge, Mass.
Columbia Fastener Co. (Clothing), 3229 S Ashland av, Chicago, Ill.
Crandal, Stone & Co. Division The Brewer-Titchener Corp. (Automobile, Glove, etc), Binghamton, N. Y.
Defiance Button Machine Co., 43 W 24th, New York
Hero Snap Fastener Co., 100 5th av, New York
Lane Mfg. Co. (All Kinds), Waterbury, Conn.
Metal Specialty Mfg. Co. (Gloves, Boxes, etc), Waterbury, Conn.
Nelson Tool Co., Inc. (For Ladies' Clothes), 782 E 142nd, New York
See adv index at end of book
Premier Snap Fastener Co., 182 Grand, New York
Rau Fastener Co. (Gloves, etc), 14 Blount, Providence, R. I.
Scovil Mfg. Co., Waterbury, Conn.
See adv index at end of book
Specialty Products Co., 494 Mulberry, New York
Spring Snap Fastener .Co., 16 W 39th, New York
Stimpson Edwin B. Co., 68 Franklin av, B'klyn, N. Y.
U. S. Fastener Co. (Gloves, Purses, etc), 95 Milk, Boston, Mass.
Waldes & Co. ("Koh-i-Nor" Clothing, etc), 137 5th av, New York

4572—Fasteners (Split Shank)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book

4573—Fasteners (Stair Carpet)

Pressed Steel Mfg. Co. ("Gem"), Land Title bldg, Phila., Pa.

Fasteners (Storm Window)

See Hangers, Storm Sash & Screen

4573a—Fasteners (Table Top)

Stanley Works, New Britain, Conn.
See adv index at end of book

4574— Fasteners (Tub)

Bliss Bros. 170 Commercial, Boston, Mass.

4575—Fasteners (Whip Socket)

Searls Mfg. Co. ("Caffrey," "Chamberlin," "Essex," "Security," "Leader," etc), 29 Mulberry, Newark, N. J.

4576—Fasteners (Window Casement)

Corbin Cabinet Lock Co. ("Empire" Safety), New Britain, Conn.
Diehl Novelty Co. ("Diehl"), Glenbeulah, Wis.
Edwards O. M. Co., Syracuse, N. Y.
Griffin Mfg. Co., Erie, Pa.
Payson Mfg. Co., 2918 W Jackson blvd, Chicago, Ill.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Shelby Spring Hinge Co., Shelby, O.
STANLEY WORKS (Window & Screen, "Moore's" Window), New Britain, Conn.
See adv index at end of book
Woodruff Walter W. & Sons Co. ("Dolbers," Window & Shutter), Mount Carmel, Conn.

4577— Faucets

See also Cocks; also Cocks & Bibbs of Various Kinds

Allen Chas. I. ("Eclipse," "Eagle" & "Butternut" Key), Pequabuck, Conn.
Asbell S. J. Co. (Brass), Paterson, N. J.
Bashlin Co. (Compression & Self-Closing), Warren, Pa.
Bishop-Babcock-Becker Co. (Bar & Soda), Cleveland, O.
Brown Joseph (White Metal), New Orleans, La.
Chicago Faucet Co. (Brass "Chi-Fau-Co"), 2712 N Crawford av, Chicago, Ill.
Clark Cadle Harmon Corp. (Brass), Rochester, N. Y.
Craig David ("Craig" Automatic Swing Basin), 70 Broad, Boston, Mass.
Edwardsville Brass Co. (Brass), Edwardsville, Ill.
Fountain Faucet Co., 21-23 S 61st av, W Duluth, Minn.
Haines, Jones & Cadbury Co., 1138 Ridge av, Phila., Pa.
Haydenville Co. (Compression, Fuller Pattern, Lever Handle & Self-Closing, "Quick-Ope"), Haydenville, Mass.
Kraft A. C. (Oil, Gasoline, Molasses & Tank), 323 W Lake, Chicago, Ill.
Landers, Frary & Clark (Milk Can, Cream Separator, Petroleum Oil, etc), New Britain, Conn.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McKenna Brass & Mfg. Co., Inc. (Brass, Liquor, etc), 1st av & Ross, Pittsburgh, Pa.
McNab & Harlin Mfg. Co., 55 John, New York
McRAE & ROBERTS CO. (Water Cooler, Oil Can, Milk Can & Coffee Urn), 227 Campbell av, Detroit, Mich.
See adv index at end of book
Messmer Fred Mfg. Co., 2700 S 7th, St. Louis, Mo.
Meyer-Sniffen Co., 11 W 36th, New York
Mott J. L. Iron Works, Trenton, N. J.

FAUCETS—continued

National Brass Mfg. Co. (Oil & Gasoline Can, Cream Can Separator, Water Cooler, etc), Rochester, N. Y.
Peck Bros. & Co., New Haven, Conn.
Puro Sanitary Drinking Fountain Co. ("Puro," Combination Faucet & Drinking Fountains), Haydenville, Mass.
Rundle Mfg. Co. (Fuller & Compression), 27th & Wahl, Milwaukee, Wis.
Standard Brass & Iron Works ("Standard," Bar Drop Handle, etc), 1820 St. Paul av, Milwaukee, Wis.

4578-9—Faucets (Beer & Liquor)

Bishop-Babcock-Becker Co., Cleveland, O.
Deckebach F. C. Sons Co., 123 W Court, Cincinnati, O.
George Bros. & Co., Winchester, Ky.
Golden Gate Mfg. Co., 9 Desbrosses, New York
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Russ Co., 5700 Walworth av, Cleveland, O.
U. S. Faucet Co., 1155 Mission, San Francisco, Cal.

Faucets (Bubbling)

See Fountains, Drinking, Sanitary

4580—Faucets (Catsup Bottling, Etc.)

Haydenville Co., Haydenville, Mass.
Langsenkamp F. H., Indianapolis, Ind.

Faucets (Cream Separator)

See Cocks, Cream Separator

4581— Faucets (Lock Lever)

McDonald A. Y. Mfg. Co., Dubuque, Ia.
National Brass Mfg. Co. ("National"), Rochester, N. Y.
Powell Wm. Co., Cincinnati, O.

Faucets (Milk Can)

See Cocks, Milk Can

Faucets (Molasses)

See Gates, Molasses

4582— Faucets (Oil Can)

Batavia Brass & Iron Novelty Works, Batavia, N. Y.
Haydenville Co., Haydenville, Mass.
Homer Brass Works, 231 Race, Phila., Pa.
Kraft A. C., 323 W Lake, Chicago, Ill.
Landers, Frary & Clark, New Britain, Conn.
McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.
See adv index at end of book
Marsh Mfg. Co., 56 Pine, New York
National Brass Mfg. Co., Rochester, N. Y.
Taylor & Boggis Foundry Co., Cleveland, Ohio

4583— Faucets (Self-Closing)

Barnstead Still & Sterilizer Co. (Automatic), 2 Lanesille Terrace, Forest Hills, Boston, Mass.
See adv index at end of book
Bashlin Co., Warren, Pa.
Chicago Faucet Co. ("Chi-Fau-Co"), 2712 N Crawford av, Chicago, Ill.
Lyon John W., 46 Clifford, Providence, R. I.
Puro Sanitary Drinking Fountain Co. ("Puro"), Haydenville, Mass.
Vulcan Brass Mfg. Co. ("Paragon," "Premier," "Rex"), 24 Noble Court, Cleveland, O.
Watrous Co. ("Watrous"), 14 E Jackson blvd, Chicago, Ill.

4584—Faucets (Self-Measuring)

Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa.
Lane Bros. Co., Poughkeepsie, N. Y.

Faucets (Stoneware)

See Stoneware, Chemical

4585—Faucets (Tank Wagon)

Jarecki Mfg. Co. (Brass), Erie, Pa.
Kraft A. C., 323 W Lake, Chicago, Ill.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
National Brass Mfg. Co., Rochester, N. Y.

4586—Faucets (Tea & Coffee Urn)

Haydenville Co., Haydenville, Mass.
Landers, Frary & Clark, New Britain, Conn.
Messmer Fred Mfg. Co., 2700 S 7th, St. Louis, Mo.
National Brass Mfg. Co., Rochester, N. Y.
Peck Bros. & Co., New Haven, Conn.

4586a—*Faucets (Wagon, Gasoline)

MUSKET W. E. CO. (Mfrs), 502 Mission, San Francisco, Cal.

4587— Faucets (Wood)

Allen Chas. I., Terryville, Conn.
Automatic Faucet & Spigot Co. ("Automatic" & "Saginaw," Cork Lined), Saginaw, Mich.
Chapman-Sargent Co. (Cork Lined), Perrysburg, O.
Crandall Bros. ("Palmer's" Leather Lined Tin Key, Also Plain Wooden Key), N. Kingsville, O.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Hydraulic Press Mfg. Co. (Cork-Lined), Mt. Gilead, O.
Redlich Mfg. Co. (Wood, Cork Lined, Cedar, Lock-Key, Metal Plug, etc), 637 W Oak, Chicago, Ill.
Richardi & Bechtold (Cork Lined), Bellaire, Mich.
Schmidt Faucet Co., Rochester, N. Y.
Sommer John Faucet Co. ("Star," Over 100 Different Kinds, Plain, Corked & Leather Lined, etc.), 30 Morris, Newark, N. J.
STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Windham Handle Co., South Windham, Conn.

4588—Faucets & Bungs (For Steel Barrels, Etc.)

Peerless Machine Works, Freeport, Ill.

4589—Fault Finders (Electric)

ELECTRIC CONTROLLER & MFG. CO., Cleveland, O.
See adv index at end of book
Lundin Electric & Machine Co. ("Lundin"), 10 Thatcher, Boston, Mass.
Matthews W. N. & Bro. ("Telafault" for Lead Covered Cables), 3722 Forest Park blvd, St. Louis, Mo.
Roller-Smith Co. ("Roller-Smith"), 233 B'way, New York

4590— Feed (Corn)

Acme Milling Co., Corry, Pa.
Baringer M. F., Bourse, Phila., Pa.
Bay State Milling Co., Winona, Minn.
Boutwell Milling & Grain Co., Troy, N. Y.
Campbell L. G. Milling Co., Owatonna, Minn.
Coombs Wm. A. Milling Co., Coldwater, Mich.
Eagle Roller Mill Co., New Ulm, Minn.
King Milling Co., Lowell, Mich.
Krause C. A. Milling Co., 37th & Burnham, Milwaukee, Wis.
Lea Milling Co., Wilmington, Del.
Messenger H. B., Federalsburg, Md.
Putnam E. M., Columbus, Pa.
Staley A. E. Mfg. Co. (Gluben), Decatur, Ill.
Tioga Mill & Elevator Co., Waverly, N. Y.
White Cloud Mill & Elevator Co., White Cloud, Kans.

4591-2 Feed (Dairy)

Baringer M. F., Bourse, Phila., Pa.
Chapin Co., Hammond, Ind.
Chicago Heights Oil Mfg. Co., Chicago Heights, Ill.
Gould Grain Co., 600 Flour Exch., Minneapolis, Minn.
International Sugar Feed Co., 15th av, S E. and Rollins Minneapolis, Minn.
Krause C. A. Milling Co., 37th & Burnham, Milwaukee, Wis.
Larrowe Milling Co., Cohocton, N. Y.
Quaker Oats Co., 80 E Jackson blvd, Chicago, Ill.
Tioga Mill & Elevator Co., Waverly, N.Y.

4593— Feed (Horse & Mule)

Chicago Heights Oil Mfg. Co., Chicago Heights, Ill.
Eureka Mills Co., 711 S Theresa av, St. Louis, Mo.
Gould Grain Co., 600 Flour Exch., Minneapolis, Minn.
International Sugar Feed Co., 15th av, S E, & Rollins, Minneapolis, Minn.
Krause Chas. A. Milling Co., 37th & Burnham, Milwaukee, Wis.
Ottaway Alfalfa Milling Co., Wichita, Kan.
Quaker Oats Co., 80 E Jackson blvd, Chicago, Ill.
Tioga Mill & Elevator Co., Waverly, N. Y.

4594— Feed (Mill)

See also Flour Mills; also Meal

Ansted & Burk Co., Springfield, O.
Baldwin Dwight M., Jr., 2219 Phillisburg av, Minneapolis, Minn.
Baringer M. F., Bourse, Phila, Pa.
Bay State Milling Co., Winona, Minn.
Big Diamond Mills Co., 922 Flour Exch., Minneapolis, Minn.
Blaisdell Milling Co., 204 Met. Nat'l Bank bldg., Minneapolis, Minn.
Campbell L. G. Milling Co., Owatonna, Minn.
Canton Feed & Milling Co., Canton, O.
Cataract City Milling Co., Niagara Falls, N. Y.
Cayuga Milling Co., Cayuga, Ind.
Centennial Mill Co., Avoca, Iowa
Coombs Wm. A. Milling Co., Coldwater, Mich.
Eagle Roller Mill Co., New Ulm, Minn.
Evrbest Milling Corp., Corry, Pa.
Fergus Flour Mills Co., Fergus Falls, Minn.
Goldendale Milling Co., Goldendale, Wash.
Grimes Bros., Lexington, N. C.
Harter Milling Co., Toledo, Ohio
Harvey Milling Co., Harvey, N. D.
Heath F. L., Corry, Pa.
Heisel C. (Est. of), Plattsmouth, Neb.
Henderson Roller Mills Co., Monroe, N. C.
Kelley Mill Co., Kansas City, Mo.
La Grange Mills, Red Wing, Minn.
Lawrenceburg Roller Mills Co., Lawrenceburg, Ind.
Lexington Mill & Elevator Co., Lexington, Neb.
Lexington Roller Mills Co., Lexington, Ky.
Liken John C. & Co., Sebewaing, Mich.
Miller & Parsons, Corry, Pa.
National Milling Co., Toledo, Ohio
New Prague Flouring Mill Co., New Prague, Minn.
Okeene Milling Co., Okeene, Okla.
Pillsbury Flour Mills Co., 3d fl, Met. Life bldg, Minneapolis, Minn.
Rea & Read Mill & Elevator Co., Tulsa, Okla.
Red Wing Milling Co., Red Wing, Minn.
Rhinehart Grain Co., Uniopolis, O.
Scott County Milling Co., Sikeston, Mo.
Sheffield-King Milling Co., 3d floor Chamber Commerce, Minneapolis, Minn.
Sparks Milling Co., Alton, Ill.
Star Milling Co., Aurora, Ind.
Star & Crescent Milling Co., 160 W Jackson blvd, Chicago, Ill.
Tennant & Hoyt Co., Lake City, Minn.
Terrell Milling Co., Terrell, N. C.
Tioga Mill & Elevator Co., Waverly, N. Y.
Tomkinson, Kenyon & Tomkinson Co., Honeoye Falls, N. Y.
Vantassel R. H., Corry, Pa.
Voigt Milling Co., Grand Rapids, Mich.
Washburn-Crosby Co., Chamber Commerce, Minneapolis, Minn.
Wellington Milling Co., Anderson, Ind.
Wheatland Roller Mills Co., Wheatland, Wyo.
White Cloud Mill & Elevator Co., White Cloud, Kans.
Willmar Milling Co., Willmar, Minn.

4595— Feed (Mixed)

Akin-Erskine Milling Co., Evansville, Ind.
Marco Mills (Mixed Cereals), Pine Bluff, Ark.
Oswego Milling Co., Oswego, Kansas
Peters & Bradley Mill Co., Knoxville, Tenn.
Waggoner-Gates Milling Co., Independence, Mo.

4596— Feed (Poultry)

H-O Co., Buffalo, N. Y.
Howard C. T., Mulino, Oregon
Ottaway Alfalfa Milling Co., Wichita, Kan.
Quaker Oats Co., 80 E Jackson blvd, Chicago, Ill.
Tioga Mill & Elevator Co., Waverly, N. Y.

4597—Feeders (Aluminum Railway)

Aluminum Co. of America, Oliver bldg, Pittsburgh, Pa.
See adv index at end of book
Seligman Arthur (Imp.), 165 Broadway, New York

4598— *Feeders (Bagasse)

Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

4599— Feeders (Boiler)

American Injector Co. ("U. S." Automatic Injector), Detroit, Mich.
Bryant Heater & Mfg. Co. (Automatic for Low Pressure Heating Boilers), 952 E 72nd, Cleveland, O.
Catchpole Boiler, Foundry & Machine Co., Geneva, N. Y.
Chaplin-Fulton Mfg. Co., 34 Penn av, Pittsburgh, Pa.
Ferrochem. Co., Ltd., Non-Chemical water treatment), 30 Church, New York
Foskett & Bishop Co., New Haven, Conn.
Gillis & Geoghegan, 537 W Broadway, New York
Hull Mfg. Co. (Water), 208 Dime Bank bldg, Scranton, Pa.
Kelley & Jones Co., 135 Water, Pittsburgh, Pa.
Kieley & Mueller ("Duplex"), 34 W 13th, New York
Kitts Mfg. Co., Oswego, N. Y.
Lawlor Regulator Co. ("Lawler's" Automatic for Low Pressure), 55 W Houston, New York
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverley, Cincinnati, O.
See adv index at end of book
NASON MFG. CO. (Immersed Valve), 71 Fulton, New York
See adv index at end of book
Randle Machinery Co. ("Leader"), C. H. & D. Ry & Powers Cum'ville, Cincinnati, Ohio
Rutzler Enoch Co. (Low Pressure, Automatic), 404 E 49th, New York
Schutte & Koerting Co. ("Koerting"), 1251 N 12th, Phila., Pa.
Simmons John Co., 110 Centre, New York
Warren Steam Pump Co., Warren, Mass.
Watson N. A. ("Excelsior"), Erie, Pa.
Wright Geo. W., Lapel, Ind.

4600— Feeders (Boiler Oil)

Lake Erie Mfg. Co. ("Perfection" Boiler Compound), Buffalo, N. Y.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass
Taber Pump Co. (Automatic Boiler Compound). Buffalo. N. Y.
Talmage Mfg. Co., Cleveland, O.
Watt's John M. Sons ("Wickersham American"), 54 N 2d, Phila., Pa.

4601— Feeders (Bottle)

Bishop-Babcock-Becker Co. ("Eureka" Automatic), Cleveland, O.

4602— Feeders (Clay)

American Clay Machinery Co. (Agitating), S Walnut, Bucyrus, O.
Anderson Foundry & Machine Works, Anderson, Ind.
Marion Machine, Foundry & Supply Co. (Rust), Marion, Ind.

Feeders (Coal Dust)

See Burners, Coal Dust

4602a—Feeders (Coal & Stone, Lime, Cement, etc)

Atlas Engineering Co, Amherst, O
See adv index at end of book

4603-4—Feeders (Cotton Gin)

Brown Cotton Gin Co., New London, Conn.
Carver Cotton Gin Co., E. Bridgewater, Mass.
Continental Gin Co., Birmingham, Ala.
Murray Co., Dallas, Texas

Feeders (Fuel)

See Feeders, Furnace

4605— Feeders (Furnace)

Allington & Curtis Mfg. Co., Saginaw, Mich.
Banister A. W. Co. (Automatic), 421 Dorchester av, S. Boston, Mass.
BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
Carlisle & Gale Co., 5 North, Boston, Mass.
Cyclone Blow Pipe Co. (Automatic), 2552 W 21st, Chicago, Ill.
Day Co., 1004 Lyndale, Minneapolis, Minn.
Dixie Mfg. Co. (Automatic), Stockholm & Russell, Baltimore, Md.
Empire Blower & Pipe Co. (Automatic), Rochester, N. Y.
Garland M. Co., Bay City, Mich.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
Ohio Blower Co., 9300 Detroit av. Cleveland, O.
Phoenix Mfg. Co. (Automatic, Sawdust), Eau Claire, Wis.
Porbeck Dust Arrester & Blow Pipe Co., 2017 N Broadway, St. Louis, Mo.
Sterling Blower Co. (Automatic), Hartford, Conn.
Venderbush & Looman Co. (Automatic), Detroit, Mich.
Western Blow Pipe & Sheet Metal Co. (Automatic), St. Louis, Mo.

4606— Feeders (Hog)

Columbian Steel Tank Co., New England bldg, Kansas City, Mo.
Franklin Galvanized Ware Mfg. Co. ("Thornburgs" Sanitary), Franklin, Ind.
Kretchmer Mfg. Co. (Galvanized), Council Bluffs, Ia.
Perfection Metal Products Co., Topeka, Kan.

4607— Feeders (Ore)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Atlas Engineering Co., Amherst, O.
See adv index at end of book
Denver Engineering Works Co., Denver, Colo.
Denver Quartz Mill & Crusher Co., Denver, Colo.
Frenier & Son, Rutland, Vt.
Hammond Mfg. Co., Kamm bldg, Portland, Oregon
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
James Ore Concentrator Co. (Automatic), 35 Runyon, Newark, N. J.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
KENNEDY-VAN SAUN MFG. & ENG. CORP. ("Improved," "Challenge," Roll Shaking & Disc), 120 Broadway, New York. *See adv index at end of book*
Krom Machine Works, 170 B'way, New York
McFarlane Mfg. Co., Denver, Colo.
Mecklenburg Iron Works, Charlotte, N. C.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
Worthington Pump & Machy. Corp. ("Challenge"), 115 B'way, New York
See adv index at end of book

4608—Feeders (Sugar Cane Carrier)

Boland Machine & Mfg. Co. ("Mallon"), 1006 Tchoupitoulas, New Orleans, La.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
Nadler Henry ("Walsh"), Plaquemine, La.

4609-10—*Feeders (Tube Mill)

ABBE ENGINEERING CO. ("Ideal" Spiral Feeder), 220 B'way, New York
See adv index at end of book

4611— Feeds (Roll & Dial)

Hibbard Wm. H. Mfg. Co., 79 Washington, Brooklyn, N. Y.

4612—*Feeds (Steam Car Saw Mill)

Allis-Chalmers Mfg. Co. (Direct Acting & Twin Engine), Milwaukee, Wis.
See adv index at end of book

4613— Feldspar

Amiesite & Stone Co., 15 E Fayette, Baltimore, Md.
Binswanger H. P., 203 B'way, New York
Carolina Mineral Co., Penland, N. C.
Crystal Chas. B. (Jobbers), 13 Cliff, New York. *See adv index at end of book*
CLINCHFIELD PRODUCTS CORPORATION, 120 B'way, New York
See adv index at end of book
Dunkel S P. & Son, Ostend & Leadenhall, Baltimore, Md
Eureka Flint & Spar Co., Trenton, N. J.
Golding Sons Company, Wilmington, Del.
Guilford & Waltersville Granite Co. (Rough & Ground), Law bldg, Baltimore, Md.
Harshaw, Fuller & Goodwin Co.

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Howe Louis W., S. Glastonbury, Conn.
Kinkel's P. H. Sons, Bedford, N. Y.
New England Quartz Co. of N. Y., 107 William, New York
Penna. Feldspar Co., Harrison bldg, Phila., Pa.
Product Sales Co., 32 S Calvert, Claremont, Baltimore, Md.
Robbins A. A. Mining Co., 99 John New York
THROPPS JNO. E. SONS Co., ft of Lewis, Trenton, N. J.
See adv index at end of book
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

Felloes (Carriage & Wagon)

See Rims & Felloes, Carriage & Wagon

4614 Felt Mills

See also Felts, Hair

Albany Felt Co., Albany, N. Y.
American Felt Co., 100 Summer, Boston, Mass.
Bacon Felt Co. (Wool), Winchester, Mass.
Carey Philip Mfg. Co. (Asbestos & Wool Felts), 330 Wayne av, Lockland, Cincinnati, O.
Eastern Felt Co. (Sheets, Wheels, etc), Winchester, Mass.
Eliot Mills, Inc., 184 Summer, Boston, Mass.
Felters Co., 103 Bedford, Boston, Mass.
Field & White Co. (Paper), 116 Nassau, New York
Foot Mfg. Co., 36 Germania av, Jersey City, N. J.
Ford Mfg. Co., 2339 La Salle, Chicago, Ill.
Garrett C. S. & Son Co., 22 S Marshall, Philadelphia, Pa.
General Roofing Mfg. Co., Boatman's Bank bldg, St. Louis, Mo
House Chas. W. & Sons, Unionville, Conn.
National Felt Co., Easthampton, Mass.
Paige Frank E. & Co., 68 Essex, Boston, Mass.
Philadelphia Felt Co., La & Frankford cr, Phila., Pa.
Richardson Paper Co., Wyoming & Cooper avs, Lockland, O.
Seabright Woven Felt Co. (Woven & Mechanical), Camden, Me.
Slater Robert, Pompton Lakes, N. J.
Standard Felt Co., Alhambra, Cal.
Stroock Felt Mills (Padding), Newburgh, N. Y.
Tingue, Brown & Co., 118 E 25th, New York
Waterbury Felt Co., Skaneateles Falls, N. Y.
Waupaca Felting Mill, Waupaca, Wis.

4615— Felting (Shipbuilders)

Valk & Murdock Co., Charleston, S. C.

4616— Felts (Asphalt)

American Tar Products Co., 208 S La Salle, Chicago, Ill.
Asphalt Ready Roofing Co. ("Hudson Brand"), 9 Church, New York
General Roofing Mfg. Co. (Saturated), 17th & Southern Ry, E St. Louis, Ill.
Standard Paint Co. ("Ru-ber-oid Saturated," "Ru-ber-oid Waterproofing"), 233 B'way, New York
Watson H. F. Co. (30, 40 & 50 lbs), Erie, Pa.

4617— Felts (Cotton)

Acme Woolen Mill Co., 1294 W 70th, Cleveland, O.
Burton-Dixie Corp., 2024 S Racine av, Chicago, Ill.
Eliot Mills, Inc., 184 Summer, Boston, Mass.
Hooper Wm. E. & Sons Co., Maryland Life bldg, Baltimore, Md.
Hudson Fibre Co. (For Mattresses, etc), Hudson, N. Y.
Lee W. M., Athol, Mass.
Mt. Vernon-Woodberry Mills, Cont. bldg, Baltimore, Md.
Royall & Borden, Goldsboro, N. C.
Smith O. & Sons Co., 310 Spruce, Phila., Pa.
Stearns & Foster Co., Lockland, O.
Stroock Felt Mills, Newburgh, N. Y.
Vincent F. J., Little Falls, N. Y.

4618— Felts (Deadening)

Barrett Co., 17 Battery pl, New York
Bird & Son ("Neponset," "Florian"), East Walpole, Mass.
Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
Chatfield Mfg. Co., Carthage, Cincinnati, O.
Chatfield & Woods Co., 3d & Plum, Cincinnati, O.
Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa.
Ford Mfg. Co., 2339 La Salle, Chicago, Ill.
Garrett C. S. & Son Co. ("C. S. G."), 20 S Marshall, Phila., Pa.
General Roofing Mfg. Co., Boatman's Bank bldg, St. Louis, Mo
Hydrex Felt & Engineering Co. ("Hydrex-Saniflor"), 120 Liberty, New York
Johns H. W.-Manville Co. (Also Laundry), Madison av & 41st, New York
Kingston Paper Co., Inc., Little Falls, N. Y.
Los Angeles Paper Mfg. Co., Los Angeles, Cal.
Mac-Sim-Bar Paper Co. (Building), Otsego, Mich.
Mikesell Bros. Co., 176-178 N La Salle, Chicago, Ill.
Munroe Falls Paper Co., Massillon, O.
Newton Paper Co., Holyoke, Mass.
Richardson Paper Co., Wyoming & Cooper avs, Lockland, O.
Stroock Felt Mills, Newburgh, N. Y.
Union Fibre Co. ("Lith," "Linofelt" & Quilted Flax Fibre & Mineral Wool Sound Deadner), Winona, Minn.
United Roofing & Mfg. Co. ("Century"), Morris bldg, Phila., Pa.
Watson H. F. Co. ("Superior" & "Comfort" Brand of Wool), Erie, Pa.

4619—Felts For Electrical Purposes

See also Felt Mills; also Felt, Hair

Advance Felt Specialty & Cutting Co., 322 S Jefferson, Chicago, Ill.
American Felt Co., 100 Summer, Boston, Mass.
Bacon Felt Co. ("Bacon"), Winchester, Mass.
Booth Felt Co., Inc., 440 19th, Brooklyn, N. Y.
Brawley T. R., 85 Adams, B'klyn, N. Y.
Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
Continental Felt Co., 64 E 11th, New York
Federal Felting Co., Westerly, R. I.
Felters Co., 103 Bedford, Boston, Mass.
General Roofing Mfg. Co., 17th & Southern Ry, E St. Louis, Ill.
Johns H. W.-Manville Co,. Madison av & 41st, New York
Kenworthy Bros., Stoughton, Mass.
Paige Frank E. & Co., 68 Essex, Boston, Mass.
Standard Felt Co., 404 S Wells, Chicago, Ill.
Star Felt Cutting Co., 260-69 B'klyn, N. Y.
Stroock Felt Mills, Newburgh, N. Y.
Tingue, Brown & Co., 118 E 25th, New York
Watson H. F. Co., Erie, Pa.
Western Felt Works, 4115 Ogden av, Chicago, Ill.
Wild Jos. & Co., 366 5th av, New York

4620— Felts (Hair)

American Hair Felt Co., 41st & Madison av, New York
Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
Illinois Leather Co., 930 N Halsted, Chicago, Ill.
Johns H. W.-Manville Co. (For Refrigeration & Hot & Cold Water Pipes), Madison av & 41st, New York
Keystone Hair Insulator Co., 1243 Spring Garden, Pittsburgh, Pa.
Mikesell Bros. Co., 176-178 N La Salle, Chicago, Ill.
Trainer C. W. Mfg. Co., 55 High, Boston, Mass.
Watson H. F. Co., Erie, Pa.

4621— Felts (Hat)

American Felt Co., 100 Summer, Boston, Mass.
Continental Felt Co. (Jobbers), 64 E 11th, New York
Stroock Felt Mills, Newburgh, N. Y.

Felts (Insulating)

See Felts for Electrical Purposes

4622— Felts (Journal Box)

Bacon Felt Co. ("Bacon"), Winchester, Mass.
Eastern Felt Co., Winchester, Mass.
Stroock Felt Mills, Newburgh, N. Y.

4623— Felts (Jute)

Eliot Mills, Inc., 184 Summer, Boston, Mass.
Vincent Frank J., Little Falls, N. Y.

4624— Felts (Mechanical)

Bacon Felt Co. ("Bacon," Buffing, Packing, Filtering, etc.), Winchester, Mass.
Booth Felt Co., Inc., 440 19th, Brooklyn, N. Y.
Boston Felt Mfg. Co., 110 Beach, Boston, Mass.
Continental Felt Co. (Jobbers), 64 E 11th, New York
Mikesell Bros. Co., 176-178 N La Salle, Chicago, Ill.
Paige Frank E. & Co., 68 Essex, Boston, Mass.

Felts (Papermakers')

See Felts & Jackets, Paper Makers'

4625— Felts (Pennant)

American Felt Co., 100 Summer, Boston, Mass.
Stroock Felt Mills, Newburgh, N. Y.

4626— Felts (Piano & Organ)

Crane Felt Mfg. Co., Belvidere, N. J.
Felters Co., 103 Bedford, Boston, Mass.
Paige Frank E. & Co., 68 Essex, Boston, Mass.
Standard Felt Co., Alhambra, Cal.
Stroock Felt Mills, Newburgh, N. Y.

4627— Felts (Polishing)

American Felt Co., 100 Summer, Boston, Mass.
Bacon Felt Co. ("Bacon"), Winchester, Mass.
Continental Felt Co. (Jobbers), 64 E 11th, New York
Crane Felt Mfg. Co., Belvidere, N. J.
Eastern Felt Co. (Sheets), Winchester, Mass.
Foot Mfg. Co., 36 Germania av, Jersey City, N. J.
House Chas. W. & Sons, Unionville, Conn.
Hubley Gordon A., Worcester, Mass.
Paige Frank E. & Co., 68 Essex, Boston, Mass.
Stroock Felt Mills, Newburgh, N. Y.
Tingue, Brown & Co., 118 E 25th, New York

4628— Felts (Roofing)

See also Papers, Roofing & Sheathing

All Roofing Mfg. Co., East St. Louis, Ill.
American Tar Products Co., 208 S La Salle, Chicago, Ill.
Barber Asphalt Paving Co. ("Genasco" Asphalt Saturated), Land Title bldg, Phila., Pa.
Barrett Co. (Also Tarred & Saturated Wool, Felts, etc.), 17 Battery pl, New York
Burke Augustus Roofing Co., 2621 N Halsted, Chicago, Ill.
Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
Chatfield Mfg. Co., Carthage, Cincinnati, O.
Chatfield & Woods Co., 3d & Plum, Cincinnati, O.
Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa. Works: Valley Forge, Pa.
Field & White Co. (Paper), 116 Nassau, New York
Flintkote Co. ("Rex Flintkote," "Zarex," "Rex Red," "Paradux," "Mikado," "Rex Slate Surfaced," "Rex Strip," "Shingle," "Rex Wide Space" Shingle," "Rex Diamond Paint Strip," "Rex Reversible Paint," "Steadfast," "Guardian"), 88 Pearl, Boston, Mass.
Ford Mfg. Co. ("Pyramid," Tarred), 2339 La Salle, Chicago, Ill.
Garrett C. S. & Son Co., 22 S Marshall, Phila., Pa.
General Roofing Mfg. Co., Boatman's Bk bldg, St. Louis, Mo.
HEWITT C. B. & BROS., 49 Beekman, New York *See adv index at end of book*
Hydrex Felt & Engineering Co., 120 Liberty, New York
Johns H. W.-Manville Co., Madison av & 41st, New York
Kingston Paper Co., Inc. (Dry Felt), Little Falls, N. Y.
Lewis F. J. Mfg. Co., 2513 S Robey, Chicago, Ill.
Mikesell Bros. Co., 176-178 N La Salle, Chicago, Ill.
Munroe Falls Paper Co., Massillon, O.
National Roofing Co., Tonawanda, N. Y.
Nelson B. F. Mfg. Co., Minneapolis, Minn.
New England Felt Roofing Works, 101 Milk, Boston, Mass.
North Chicago Roofing Co., 851 W North av, Chicago, Ill.
Patent Vulcanite Roofing Co., 2256 W 49th, Chicago, Ill.
Powell M. W. Co., 140 S Dearborn, Chicago, Ill.
Powell & Jones, 3544 Rhodes av, Chicago, Ill.
Richardson Paper Co., Wyoming & Cooper avs, Lockland, O.
Stowell Mfg. Co., 240 Culver av, Jersey City, N. J.
Texas Co. ("Texaco"), 17 Battery pl, New York
Trinidad Asphalt Mfg. Co., Title Guaranty Trust bldg, St. Louis, Mo.
Waters Mfg. Co., Fulton bldg, Pittsburgh, Pa.
Watson H. F. Co., Erie, Pa.

4629— Felts (Saddlery)

American Felt Co., 100 Summer, Boston Mass.
Bacon Felt Co. ("Bacon"), Winchester Mass.
Continental Felt Co. (Jobbers), 64 E 11th, New York
Stroock Felt Mills, Newburgh, N. Y.

4630— Felts (Shoe)

American Felt Co., 100 Summer, Boston, Mass.
Bacon Felt Co. ("Bacon"), Winchester, Mass.
Standard Felt Co., Alhambra, Cal.
Stroock Felt Mills, Newburgh, N. Y.

4631—Felts (Tarred Saturated)

American Tar Products Co., 208 S La Salle, Chicago, Ill.
Barrett Co., 17 Battery pl, New York

Carey Philip Mfg. Co. ("Feltex" Asphalt, etc.), 330 Wayne av, Lockland, Cincinnati, O.
Chatfield Mfg. Co., Carthage, Cincinnati, O.
Ford Mfg. Co. ("Pyramid" Brand & Asphalt), 2339 La Salle, Chicago, Ill.
General Roofing Mfg. Co., Boatman's Bank bldg, St. Louis, Mo.
Lewis F. J. Mfg. Co., 2513 S Robey, Chicago, Ill.
Watson H. F. Co. (Roofing, Slating, etc), Erie, Pa.

4632— Felts (Upholstery)

American Felt Co., 100 Summer, Boston, Mass.
Continental Felt Co. (Jobbers), 64 E 11th, New York
Eliot Mills Inc., 184 Summer, Boston, Mass.
Felters Co., 103 Bedford, Boston, Mass.
Stroock Felt Mills, Newburgh, N. Y.

4632a—Felts (Wall Paper, Printing)

American Tar Products Co., 208 S La Salle, Chicago, Ill.
Bacon Felt Co. ("Bacon"), Winchester, Mass.

4633— Felts (Wool)

Albany Felt Co., Albany, N. Y.
American Felt Co., 100 Summer, Boston, Mass.
Appleton Woolen Mills, Appleton, Wis.
Bacon Felt Co. ("Bacon"), Winchester, Mass.
Byfield Woolen Co., Byfield, Mass.
Crane Felt Mfg. Co., Belvidere, N. J.
Draper Bros. Co., Canton, Mass.
Eastern Felt Co., Winchester, Mass.
Federal Felting Co., Clark's Falls, Conn.
Felters Co., 103 Bedford, Boston, Mass.
Foot Mfg. Co., 36 Germania av, Jersey City, N. J.
Heathcote S. E. & Co., Glen Rock, Pa.
Huyck F. C. & Sons, Rensselaer, N. Y.
Johns H. W.-Manville Co. ("J.-M.,") Madison av & 41st, New York
Knox Woolen Co., Camden, Me.
Lawrence Felting Co., Millville, Mass.
Little Falls Fibre Co., Little Falls, N. Y.
Lounsbury & Bissell Co., Winnipauk, Conn.
Lowell Felt Co., Lowell, Mass.
Mikesell Bros. Co., 176-178 N La Salle, Chicago, Ill.
National Felt Co., Easthampton, Mass.
Noone's J. Sons Co., Peterboro, N. H.
Orr Felt & Blanket Co., Piqua, O.
Phila Felt Co, La & Frankford cr, Phila, Pa.
Seabright Woven Felt Co. (Woven), Camden, Me.
Sindle H. S., Little Falls, N. J.
Standard Felt Co., Alhambra, Cal.
Stroock Felt Mills, Newburgh N. Y.
Waterbury H. & Sons Co., Oriskany, N. Y.
Waupaca Felting Mill, Waupaca, Wis.
Western Felt Works, 4115 Ogden av, Chicago, Ill.
Wolstencroft Felt Mfg. Co., Mulberry & Bridge, Phila., Pa.

4634—Felts & Jackets (Papermakers')

Albany Felt Co., Albany, N. Y.
Appleton Woolen Mills, Appleton, Wis.
Bredt F. & Co. ("Jos. Porritt & Sons"), 240 Water, New York
Bulkley, Dunton & Co. ("Excelsior"), 75 Duane, New York
Caldwell R. J. Co., 21 Park Row, New York
Draper Bros. Co. (Press & Pulp Felts), Canton, Mass.
Fitchburg Duck Mills (Paper Mill Dryer Felts), Fitchburg, Mass.
General Supply Co. (Felts), Worcester, Mass.
Hooper Wm. E. & Sons Co., Maryland Bldg. Baltimore, Md.
Huyck F. C. & Sons ("Kenwood"), Rensselaer, N. Y.
Knox Woolen Co., Camden, Me.
Lawrence Duck Co., Lawrence, Mass.
Mt. Vernon-Woodberry Mills, Continental bldg, Baltimore, Md.
Orr Felt & Blanket Co., Piqua, O.
Phila. Felt Co., La & Frankford cr, Phila., Pa.
Shuler & Benninghofen, Hamilton, O.
Waterbury Felt Co., Skaneateles Falls, N. Y.
Waterbury H. & Sons Co., Oriskany, N. Y.

4634a—*Fence (Wire Link)

Page Steel & Wire Co., Adrian, Mich.
See adv index at end of book

4635—Fences (Combination Wire & Picket)

Anchor Post Iron Wks, 167 B'way, New York
For branch offices see Alphabetical Section
Bushnell Tank Works, Bushnell, Ill.
Cyclone Fence Co., Waukegon, Ill.
Page Steel & Wire Co., Adrian, Mich.
See adv index at end of book

4636— Fences (Farm)

See also Fences & Railroad Farm
Page Steel & Wire Co., Adrian, Mich.
See adv index at end of book

4636a—*Fences (Hog & Cattle)

AMERICAN STEEL & WIRE CO. ("Universal"), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Cyclone Fence Co., Waukegan, Ill.

4637—Fences (Iron & Steel Picket)

American Fence Constr. Co. (Steel), 96 Church, New York
ANCHOR POST IRON WORKS, 167 B'way, New York
For branch offices see Alphabetical Section
Barnum E. T. Wire & Iron Works, 864 Woodward, Detroit, Mich.
Bayer-Rothgeb Co. (Iron), Los Angeles, Cal.
Belmont Iron Works, 22d Washington av, Phila., Pa.
Braun J. G., 609 S Paulina, Chicago, Ill.
Brown H. L. Fence & Mfg. Co., Oakley, Cincinnati, O.
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.
Carbo Corp., 538 S Clark, Chicago, Ill.
Champion Iron Co., Kenton, O.
Cincinnati Iron Fence Co., Cincinnati, O.
Cyclone Fence Co., Waukegan, Ill.
Dayton Steel Construction Co., Howell & Wilbur, Dayton, O.
Davis & Siehl Co. (Steel), 4032 Hamilton av, Cincinnati, O.
Enterprise Iron Works, Indianapolis, Ind.
Huntington Iron Works, Huntington, W. Va.
Kleeman L. F. Mfg. Co., 1923 Central, Kansas City, Mo.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
MYERS FRED J. MFG. CO., Hamilton, O.
See adv index at end of book
Page Steel & Wire Co., Adrian, Mich.
See adv index at end of book
Perkins Mfg. Co. (Swinging), University & Fairview avs, St. Paul, Minn.
See adv index at end of book
Pettler Wire Products Co., "(Hartman" Wrought Steel), Beaver Falls, Pa.
Plocher Andrew Sons Co., Dayton, O.
Roanoke Iron & Bridge Wks, Inc, Roanoke, Va.
Sheer Bros. Fence & Iron Co., 715 E 103d, Cleveland, O.
SMITH F. P. WIRE & IRON WORKS ("Triangular"), 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Smith Fence & Iron Co. (Steel), Waynesboro, Pa.
Stewart Iron Works Co., Covington, Ky.
Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.
Verdeckenberg Iron & Wire Works Co., Denver, Col.
West Side Structural Co., Troy, N. Y.
Wisconsin Iron & Wire Wks., Milwaukee, Wis.

Fences (Ornamental Iron)

See Gates, Ornamental Iron

4638—Fences (Railroad & Farm)

See also Fences, Woven Wire; also Wire Fences & Gates, with the word Ornamental following name
Adrian Wire Fence Co., Adrian, Mich.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Anchor Post Iron Works, 167 B'way, New York
For branch offices see Alphabetical Section
Carbo Corp., 538 S Clark, Chicago, Ill.
Chicago Steel Post Co., 208 S La Salle, Chicago, Ill.
Cyclone Fence Co., Waukegan, Ill.
Janesville Barb Wire Co., Janesville, Wis.
Keystone Steel & Wire Co. ("Square Deal"), Peoria, Ill.
Kitselman Bros. (Ornamental Lawn & Farm), Muncie, Ind.
Kokomo Steel & Wire Co., Kokomo, Ind.
Northwestern Barb Wire Co. ("Dillon"), Sterling, Ill.
Pittsburgh Steel Co., 5th av & Grant, Pittsburgh, Pa.
Smith F. P. Wire & Iron Works ("Supreme" Poultry & Rabbit, "Perfect" Garden, Lawn & Poultry), 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Spencer Wire Co., Worcester, Mass.
Up-to-Date Mfg. Co., Terre Haute, Ind.
WRIGHT WIRE CO. ("Excelsior"), Worcester, Mass.
See adv index at end of book
Youngstown Sheet & Tube Co., Youngstown, O.

4638a—*Fences (Truss & Cable)

WRIGHT WIRE CO. ("Excelsior"), Worcester, Mass.
See adv index at end of book

4639—Fences (Wood Picket, Wire Bound)

Cleveland Wire Spring Co., Cleveland, O.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.

4640— Fences (Woven Wire)

See also Wire Fences & Gates; also Fences, Railroad & Farm
Adrian Wire Fence Co. ("Adrian"), Adrian, Mich.
AMERICAN STEEL & WIRE CO. ("American," "Anthony," "Elwood" & "Royal" Fences), 208 S La Salle, Chicago, Ill.
See adv index at end of book
American Wire Fence Co. ("Model"), 10 S La Salle, Chicago, Ill.
ANCHOR POST IRON WORKS, 167 B'way, New York
For branch offices see Alphabetical Section
Arkansas Valley Fence Co., Wichita, Kans.
Atlantic Steel Co., Atlanta, Ga.
Brazil Machine & Foundry Co., Brazil, Ind.
Champion Iron & Wire Works, Omaha, Neb.
Church Bros. ("Church"), Adrian, Mich.
Clinton Wire Cloth Co., Clinton, Mass.
Crawfordsville Wire & Nail Co., Crawfordsville, Ind.
Cyclone Fence Co. ("Cyclone" Steel Spring), Waukegan, Ill.
Dayton Steel Construction Co., Howell & Wilbur, Dayton, O.
Dwiggins Wire Fence Co. ("Victor"), Anderson, Ind.
Elliott & Reid Co. ("Royal," "Richmond," "Ideal"), Richmond, Ind.
Enterprise Iron Works ("New Ideal," "Premier"), Indianapolis, Ind.
Eureka Fence Mfg. Co. ("Eureka"), Richmond, Ind.
Frost Superior Fence Co., E 131st, Cleveland, O.
Grand Crossing Tack Co. (Endless Coiled Spring Fence), S Chicago av & E 79th, Chicago, Ill.
Gulf States Steel Co., Birmingham, Ala.
Hohulin Bros. ("Diamond"), Goodfield, Ill.
Imbler Fence & Mfg. Co., Alexandria, Ind.
Indiana Steel & Wire Co., Muncie, Ind.
Interlocking Fence Co. ("Crown" Interlocking), Morton, Ill.
Interstate Iron & Steel Co., 1st Nat'l Bank bldg, Chicago, Ill.
See adv index at end of book
Jackson Fence Co. ("Jackson"), Jackson, Mich.
Janesville Barb Wire Co., Janesville, Wis.
Keystone Steel & Wire Co. ("Square Deal," "Blue Ribbon," "Monarch," "Economy"), Peoria, Ill.
Kokomo Steel & Wire Co. ("Indiana," "Kokomo"), Kokomo, Ind.
Mason Fence Co. ("Champion"), Leesburg, Ohio

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Phosphor Tin	5%	Phos.
Manganese Titanium	30%	Ti.
Manganese Boron	35%	Bo.
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Chromium Copper	10%	Cr.
Cobalt Copper	10%	Co.
Nickel Copper	50-50%	
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FENCES (WOVEN WIRE)—continued

Mast, Foos & Co. ("Buckeye"), Springfield, O.
New Jersey Wire Cloth Co., Trenton, N. J.
Northwestern Barb Wire Co., Sterling,. Ill.
Page Steel & Wire Co., Adrian, Mich.
See adv index at end of book
Peerless Wire Fence Co. ("Peerless") Adrian, Mich.
Pennsylvania Woven Wire Co., Lockhaven, Pa.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Spring Steel Fence & Wire Co. ("Shimer" "Perfect" Coil Spring), Anderson, Ind.
Stewart Iron Works Co., Covington, Ky.
Superior Fence Co. ("Superior"), Cleveland, O.
Tully C. H. Fence Co., Grand Island, Neb.
Tyler W. S. Co., Cleveland, O.
See adv index at end of book
Up-to-Date Mfg. Co., Terre Haute, Ind.
Warner Fence Co. ("Warner"), Ottawa, Kan.

4640a— Fences (Wrought Iron)

Page Steel & Wire Co., Adrian, Mich.
See adv index at end of book

4641— *Fencing (Factory)

Cyclone Fence Co., Waukegan, Ill.
SNOW W. A. IRON WORKS, INC., 19 Portland, Boston, Mass.
WRIGHT WIRE CO. ("Excelsior Chain Link," "Excelsior Rust Proof"), Worcester, Mass.
See adv index at end of book

4642— Fenders (Boat)

Armstrong Cork Co. (Yacht, etc.), 24th & A. V. R.R., Pittsburg, Pa.
Boston Corking Machine Co. (Cork), 18 Tremont, Boston, Mass.
Brauer Justus & Son (Cork), Jobbers, 129 Arch, Phila., Pa.
Carpenter Geo. B. & Co., 440 North Wells, Chicago, Ill.
Kahnweiler's David Sons (Cork), 260 Front, New York
Pneumatic Mfg. Co. (Canvas, Cork Filled, Netted Rope, Leather, Bow, etc), 123 Pacific, Brooklyn, N. Y.

4643—Fenders (Brass & Iron)

See also Andirons, Fenders & Grates
See also Fire Place Furnishings, Mfrs.
Colonial Fireplace Co., 4631 W 12th, Chicago, Ill.
JACKSON EDWIN A. & BRO. (INC.), 50 Beekman, New York
See adv index at end of book
Jackson Wm. H. Co., 2 W 47th, New York
SMITH F. P. WIRE & IRON WORKS, 2340 Clybourn av, Chicago, Ill.
See adv index at end of book

4644— Fenders (Plow)

Southern Plow Co. ("R. R. Jones"), Columbus, Ga.

4645—Fenders & Guards (Automobile)

Auto Fender & Radiator Wks., 1140 Geary, San Francisco, Cal.
Auto Lamp & Radiator Co., Cleveland, O.
A-Z Co., 527 W 56th, New York
Briscoe Mfg. Co., Detroit, Mich.
Clayton & Lambert Mfg. Co., 205 Piquette av, E Detroit, Mich.
Corcoran Mfg. Co., 4634 Spring Grove av, Cincinnati, Ohio
Dann Bros. & Co., New Haven, Conn.
Hayes Mfg. Co., Detroit, Mich.
Kells W. J. Mfg. Co., 521 W 45th, New York
Michigan Stamping Co., Detroit, Mich.
Mott Wheel Works, Jackson, Mich.
Mullins W. H. Co., 341 Franklin, Salem, Ohio
Peters & Herron Dash Co., 533 E Long, Columbus, O.
Quinby J. M. & Co., 27 Division, Newark, N. J.
SAGINAW SHEET METAL WORKS, Saginaw, Mich.
Springfield Body Co., Springfield, Mass.
Standard Sheet Metal Mfg. Co., Washington, Pa.
Western Radiator & Fender Mfg. Co., 1430 Bush, San Francisco, Cal.
York Corrugating Co., York, Pa.

4645a— *Ferries (Wire Rope)

ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J., Works: Trenton & Roebling, N. J.
See adv index at end of book

4646— Ferro-Alloys

American Alloys Co., American bldg, Baltimore, Md.
Crocker Bros. (Imported English), 21 E 40th, New York
DANA & CO., INC., 111 B'way, New York
See adv index at end of book
Doggett Stanley (Imp), 11 Cliff, New York
Electro-Metallurgical Co., 42d st bldg, New York
Foundry Manganese Co., Harrison bldg, Phila., Pa.
Goldschmidt Thermit Co., 120 B'way, New York
Heyward Thos. R. Co., Farmers Bank bldg, Pittsburgh, Pa.
Humphreys E. C. Co., Book bldg, Detroit, Mich.
LEAVITT C. W. & CO., 34 Church, New York *See adv index at end of book*
METAL & THERMIT CORP., 120 B'way, New York *See adv index at end of book*
Midvale Mining & Mfg. Co. (Pulverized), Central Nat Bank bldg, St. Louis, Mo.
Noble Electric Steel Co., 995 Market, San Francisco, Cal.

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SAMUEL FRANK, Harrison bldg, Phila, Pa. *See adv index at end of book*
Southern Ferro Alloys Co., Chattanooga, Tenn.
Tennant C. Sons & Co. of N. Y. (Importers), 100 William, New York
Titanium Alloy Mfg. Co., Niagara Falls, N. Y.
U. S. Alloys Corp., 30 E 42nd, New York

4647— Ferro-Aluminum

Electric Smelting & Aluminum Co., Lockport, N. Y.

4648— Ferro-Boron

Metal & Thermit Corp., 120 B'way, New York *See adv index at end of book*
Primos Chemical Co., Primos, Pa.

4648a— Ferro-Cerium

FOOTE MINERAL CO., 107 N 19th, Phila., Pa.

4649— Ferro-Chrome

DANA & CO., 111 B'way, New York. *See adv index at end of book*
Doggett Stanley (Imp), 11 Cliff, New York
Electro-Metallurgical Co. (Low Carbon), 42d st bldg, New York
Goldschmidt Thermit Co., 120 B'way, New York
Humphreys E. C. Co., Book bldg, Detroit, Mich.
Lavino E. J. & Co. (Lump & Ground), Bullitt bldg, Phila., Pa.
LEAVITT C. W. & CO., 34 Church, New York *See adv index at end of book*
Merchant & Evans Co., 2035 Washington av, Phila., Pa. *See adv index at end of book*
Metal & Thermit Corp., 120 B'way, New York *See adv index at end of book*
Primos Chemical Co., Primos, Pa.
SAMUEL FRANK, Harrison bldg, Phila., Pa. *See adv index at end of book*
Tennant C. Sons & Co. of N. Y. (Importers), 100 William, New York
Virginia Electrolytic Co., 51 E 42nd, New York

4650— Ferro-Magnesium

American Magnesium Corp'n, Niagara Falls, N. Y.
LEAVITT C. W. & CO., 34 Church, New York *See adv index at end of book*

4651-2—Ferro-Manganese & Ferro-Silicon

American Alloys Co., American bldg, Baltimore, Md.
American Manganese Mfg. Co., Bullitt bldg, Phila., Pa.
Ashland Iron & Mining Co. (Bessemer Ferro-Silicon Only), Ashland, Ky.
Bond Vivian & Co., 68 Beaver, New York
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Marshall F. W. & Co., Penn. bldg, Phila., Pa.
Metal & Thermit Corp., 120 B'way, New York *See adv index at end of book*
Midvale Mining & Mfg. Co. (Pulverized), Central Natl Bank bldg, St. Louis, Mo.
Noble Electric Steel Co., 995 Market, San Francisco, Cal.
Primos Chemical Co., Primos, Pa.
Rogers Brown & Co. (Imported & Domestic), 77-78 Carew bldg, Cincinnati, O.
SAMUEL FRANK, Harrison bldg, Phila., Pa. *See adv index at end of book*
Shawinigan Electro Products Co (Lexington Street bldg), Baltimore, Md.
Southern Ferro Alloys Co., Chattanooga, Tenn.
Tennant C. Sons & Co. of N. Y. (Importers), 100 William, New York
U. S. Alloys Corp., 32 E 42nd, New York
Virginia Electrolytic Co. (Specialty Ferro-Silicon), 99 Cedar, New York; Furnaces: Holcomb, Va.
Woodison E. J. Co., Detroit, Mich.

4653— Ferro-Molybdenum

DANA & CO., INC., 111 B'way, New York *See adv index at end of book*
Electro-Metallurigcal Co., 42d st & Madison av, New York
Foote Mineral Co., 107 N 19th, Phila., Pa.
Hardy Chas. (Broker), 50 Church, New York
Lavino E. J. & Co., Bullitt bldg, Phila., Pa.

FERRO-MOLYBDENUM—continued

LEAVITT C. W. & CO., 34 Church, New York *See adv index at end of book*
Metal & Thermit Corp., 120 B'way, New York *See adv index at end of book*
Mineral Products Mfg. Co., Equitable bldg, Wilmington, Del.
Primos Chemical Co., Primos, Pa.
YORK METAL & ALLOY CO. (Mo. Metal, Acids & Salts), York, Pa.

4653a— Ferro-Nickel

Daft A. C. (Mfrs Agent), Oliver bldg, Pittsburgh, Pa.
Electrical Alloy Co. (Wire & Ribbon), Morristown, N. J.
Primos Chemical Co.. Primos. Pa.

4654— Ferro-Phosphorus

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Hickman, Williams & Co. (Ground), Louisville, Ky.
Lavino E. J. & Co., Bullitt bldg, Phila., Pa.
LEAVITT C. W. & CO., 34 Church, New York *See adv index at end of book*
Metal & Thermit Corp., 120 B'way, New York. *See adv index at end of book*

4655—Ferro-Silicon (Electrolytic)

American Lava Co., Chattanooga, Tenn. *See adv index at end of book*
Carborundum Co., Niagara Falls, N. Y.
Lavino E. J. & Co., Bullitt bd, Phila., Pa.
Metal & Thermit Corp., 120 B'way, New York *See adv index at end of book*
Midvale Mining & Mfg. Co. (Pulverized), Central Natl Bank bldg, St. Louis, Mo.
SAMUEL FRANK, Harrison bldg, Phila, Pa. *See adv index at end of book*
Shawinigan Electro Products Co., Lexington Street bldg, Baltimore, Md.
Southern Ferro Alloys Co., Chattanooga, Tenn.
U. S. Alloy Corp., 28 E 42d, New York
Virginia Electrolytic Co., 51 E 42d, New York

4656— Ferro-Titanium

Electro-Metallurgical Co., 42d st bldg, New York
LEAVITT C. W. & CO., 34 Church, New York *See adv index at end of book*
METAL THERMIT CORP., 120 B'way, New York *See adv index at end of book*
Primos Chemical Co., Primos, Pa.
Titanium Alloy Mfg. Co., Niagara Falls, N. Y.

4657— Ferro-Tungsten

Daft A. C. (Mfrs Agent), Oliver bldg, Pittsburgh, Pa.
DANA & CO., INC., 111 B'way, New York *See adv index at end of book*
Electro-Metallurgical Co., 42d st bldg, New York
Foote Mineral Co., 109 N 19th,. Phila., Pa.
Hardy Chas. (broker), 50 Church, New York
Harrow Spring Co. (Steel), Milwaukee, Wis.
Humphreys E. C. Co., Book bldg, Detroit, Mich.
Independent Lamp & Wire Co., 1733 B'way, New York
Lavino E. J. & Co., Bullitt bldg, Phila., Pa.
LEAVITT C. W. & CO., 34 Church, New York *See adv index at end of book*
Metal & Thermit Corp., 120 B'way, New York. *See adv index at end of book*
Mineral Product Mfg. Co., Equitable bldg. Wilmington, Del.
Pick Richard, 224 N 5th, Chicago, Ill.
Primos Chemical Co., Primos, Pa.
Tennant C. Sons & Co. of N. Y. (Importers), 100 William, New York
Tungsten Products Co., Boulder, Col.
Vanadium-Alloys Steel Co., Pittsburgh, Pa.
Virginia Electrolytic Co., 99 Cedar, New York
YORK METAL & ALLOY CO. (Tungsten, Metal, Acids & Salts), York, Pa.

4658— Ferro-Uranium

Standard Chemical Co., Vanadium bldg, Pittsburgh, Pa.

4659-60—Ferro-Vanadium

American Vanadium Co., Pittsburgh, Pa.
Earle E. P., 165 B'way, New York
Electro-Metallurgical Co., 42d st bldg, New York
LEAVITT C. W. & CO., 34 Church, New York *See adv index at end of book*
Metal & Thermit Corp., 120 B'way, New York *See adv index at end of book*
Primos Chemical Co., Primos, Pa.
Radium Luminous Matl. Corp., 55 Liberty, New York
Virginia Electrolytic Co., 51 E 42d, New York

4661— Ferrules (Boiler Flue)

AMERICAN BRASS CO., Waterbury, Conn. *For branch offices see adv index at end of book*
Taunton-New Bedford Copper Co., Taunton, Mass.

4662— Ferrules (Brass)

AMERICAN BRASS CO., Waterbury, Conn. *For branch offices see adv index at end of book*
American Brass & Copper Co., 138 Lafayette, New York
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
American Pin Co. ("Ampinco"), Waterbury, Conn.
American Ring Co., Waterbury, Conn.
Athol Pump Co. (For Plumbing), Athol, Mass.
Blake Specialty Co., Rock Island, Ill.
Bridgeport Brass Co., Bridgeport, Conn.
Brunswick Mfg. Co. (Plain & Nickel Plated), Brunswick, Me.
CAHILL M. F. ("Cahill" Seamless Chisel, Cutlery, File & Knife), 710 E 2d, Boston, Mass. *See adv index at end of book*
Campbell J. B. Brass Works (End Reducing & Trap Screw), Erie, Pa.
Empire Elec. & Mfg. Co., Plainville, Conn.
Estes E. B. & Sons (Small), 364 5th av, New York *See adv index at end of book*
Franklin Brass Foundry (Plumbers), 100 Young, Long Island City, N. Y.
Gaynor Mfg. Co., Bridgeport, Conn.
Glauber Brass Mfg. Co., 49th & Superior N E, Cleveland, O.
Grammes L. F. & Sons, Allentown, Pa. *See adv index at end of book*
Green C. E. & Son, 95 Passaic, Newark, N. J.
Hays Mfg. Co. (Also Trap Screw), Erie, Pa
Hill Geo. Q. Co., Framingham, Mass.
Hoffman & Billings Mfg. Co., 100 2nd, Milwaukee, Wis.
Hungerford U. T. Brass & Copper Co. (Condenser Tube Chisel Handle Plumbers', etc), 80 Lafayette, New York
McShane Bell Foundry Co. (For Plumbing), Harford av & B & O R R, Baltimore, Md.
Massachusetts Machine Shop Inc., Worcester, Mass. *See adv index at end of book*
Matthews Mfg. Co. (to Special Order), 104 Gold, Worcester, Mass. *See adv index at end of book*
Modern Iron Works (Trap Screw), Quincy, Ill.
Mueller H. Mfg. Co. (Plumbing), Decatur, Ill.
Novelty Mfg. Co. (Small), Waterbury, Conn.
Peck Bros. & Co., New Haven, Conn.
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Primos Chemical Co., Primos, Pa.
Randolph-Clowes Co., Waterbury, Conn.
Russell J. M. Mfg. Co., Naugatuck, Conn.
Schrader's A. Son Inc. (Plain or Nickel Plated Hose), 783-803 Atlantic av, B'klyn, N. Y.
Scovill Mfg. Co. (For General Purposes,, To Order Only), Waterbury, Conn. *See adv index at end of book*
Starbuck R. M. & Sons (Plumbers), Hartford, Conn.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.
Union Hardware Co., Torrington, Conn.
Waterbury Mfg. Co., Waterbury, Conn.
Williamsburg Brass Foundry (Plumbers), 517 Park av, Brooklyn, N. Y.

4663— Ferrules (Broom)

Chicago Ferrule & Nut Co., 880 Lill av, Chicago, Ill.

4663a1—Ferrules (Cane & Umbrella)

Graham & Berwin, 107 Lafayette, New York
Novelty Mfg. Co., Waterbury, Conn.
Waterbury Mfg. Co., Waterbury, Conn.

4663a— *Ferrules (Chisel)

CAHILL M. F. ("Cahill"), 710 E 2d, Boston, Mass. *See adv index at end of book*
MATTHEWS MFG. CO. (Seamless), 104 Gold, Worcester, Mass. *See adv index at end of book*
Scovill Mfg. Co., Waterbury, Conn. *See adv index at end of book*

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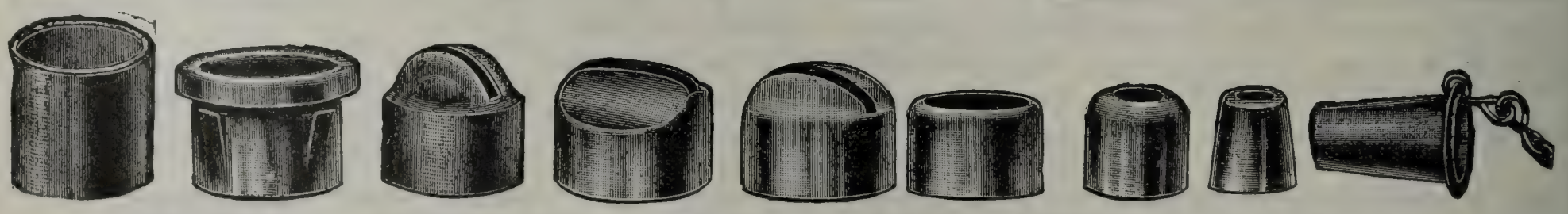

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Campbell J. B. Brass Works, Erie, Pa.
Campbell Mfg. Co., Gadsden, Ala.
Haydenville Co., Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
Marshall C. P. (Extension End), Rochester, N. Y.
Peck Bros. & Co. ("Garvie" Patent), New Haven, Conn.
Prier Brass Mfg. Co., Kansas City, Mo.

4665— Ferrules (Condenser)

AMERICAN BRASS CO. (Brass & Copper), Waterbury, Conn.
For branch offices see adv index at end of book
Estes E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*
National Fibre & Insulator Co., Yorklyn, Del.
Standard Fibre Co., Miller st, Somerville, Mass.

4666—*Ferrules (Condenser, Hard Fibre)

BRANDYWINE FIBRE PRODUCTS CO., E Wilmington, Del.
DELAWARE HARD FIBRE CO., Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*
WILMINGTON FIBRE SPECIALTY CO., Wilmington, Del.
See adv index at end of book

4667— Ferrules (Copper)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Associated Rolling Mills Ltd., 145 Lafayette, New York
Brunswick Mfg. Co. (Plain & Nickel Plated), Brunswick, Me.
Empire Elec. & Mfg. Co., Plainville, Conn.
Hungerford U. T. Brass & Copper Co. (Boiler Flue), 80 Lafayette, New York
Hussey C. G. & Co., 2850 2nd av, Pittsburgh, Pa.
Merchant & Evans Co. (Seamless), 2035 Washington av, Phila., Pa.
See adv index at end of book
Mutual Electric & Machine Co., 232 Fort, W Detroit, Mich.
Prier Brass Mfg. Co., Kansas City, Mo.
Rome Mfg. Co., Rome, N. Y.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Taunton-New Bedford Copper Co. (Boiler Flue), Taunton, Mass.

4667a— *Ferrules (Cutlery)

CAHILL M. F. ("Cahill"), 710 E 2d, Boston, Mass. *See adv index at end of book*
Massachusetts Machine Shop Inc., Worcester, Mass. *See adv index at end of book*

Ferrules (Fibre)

See Fibre, Hard; also Ferrules, Condenser; Hard Fibre

4667b— *Ferrules (File)

CAHILL M. F. ("Cahill"), 710 E 2d, Boston, Mass. *See adv index at end of book*

4667c— *Ferrules (Handle)

CAHILL M. F. ("Cahill"), 710 E 2d, Boston, Mass. *See adv index at end of book*
Scovill Mfg. Co. (Tool), Waterbury, Conn.
See adv index at end of book

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Athol Pump Co. (Soil Pipe Union), Athol, Mass.
Bay State Stamping Co., 380 Chandler, Worcester, Mass.
Blake Specialty Co. (Iron), Rock Island, Ill.
Boston Pressed Metal Co. (Special to order only), 169 Union, Worcester, Mass.
Brunswick Mfg. Co. (Plain & Nickel Plated), Brunswick, Me.
CAHILL M. F. ("Cahill" Steel, Chisel, Cutlery, File & Knife), 710 E 2d, Boston, Mass. *See adv index at end of book*
Campbell Mfg. Co. (Iron Body), Gadsden, Ala.
Cassady Fairbank Mfg. Co. (Nickel Plated Steel), 6126 S La Salle, Chicago, Ill.
Disston Henry & Sons Inc., Tacony, Phila., Pa.
Empire Elec. & Mfg. Co., Plainville, Conn.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Hill Geo. Q. Co., Framingham, Mass.
Lothrop F. B. Co. (Steel), South Acton, Mass.
Massachusetts Machine Shop Inc., Worcester, Mass. *See adv index at end of book*
Matthews Mfg. Co. (Steel), 104 Gold, Worcester, Mass.
See adv index at end of book
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Stowell Co., The (Whiffletree), So. Milwaukee, Wis.
Union Fork & Hoe Co. (Steel Only), Columbus, O.
Union Hardware Co., Torrington, Conn.
Wilcox, Crittenden & Co. (Galvanized Malleable Only), Middletown, Conn.
Woodell E. & Sons, Taunton, Mass.

4668a— *Ferrules (Knife)

CAHILL M. F. ("Cahill"), 710 E 2d, Boston, Mass. *See adv index at end of book*

4669— Ferrules (Lead)

See also Lead Traps, Bends & Ferrules
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Cooper Sanitary Mfg. Co., 34th & Chestnut, Phila., Pa.
Eagle Picker Lead Co., The, 208 S La Salle, Chicago, Ill.
National Lead Co., 111 B'way, New York
Raymond Lead Co. ("Raymond's" Combination), 735 S Washtenaw av, Chicago, Ill.
Standard Mfg. Co., 439 Water, Pittsburgh, Pa.
United Lead Co., 111 B'way, New York
Wolff L. Mfg. Co., 111 Dearborn, Chicago, Ill.

4669a—*Ferrules (Screw Driver)

CAHILL M. F. ("Cahill"), 710 E 2d, Boston, Mass. *See adv index at end of book*
Massachusetts Machine Shop Inc., Worcester, Mass. *See adv index at end of book*
Sherman H. B. Mfg. Co., Battle Creek, Creek, Mich.

4670—Ferrules (Tin & Sheet Metal)

Boston Pressed Metal Co. (Sheet Metal, to order only), 169 Union, Worcester, Mass.
CAHILL M. F. ("Cahill"), 710 E 2d, Boston, Mass. *See adv index at end of book*
Consolidated Fruit Jar Co. (Sheet Metal), New Brunswick, N. J.
Empire Elec. & Mfg. Co. (Sheet Metal), Plainville, Conn.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Massachusetts Machine Shop Inc., Worcester, Mass. *See adv index at end of book*
Scovil Mfg. Co. (Sheet Metal, to order only), Waterbury, Conn.
See adv index at end of book
Troy Stamping Works, Troy, N. Y.

4671— Ferrules (Trap Screw)

Advance Mfg. Co., Erie, Pa.
American Fdry. & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Campbell J. B. Brass Works, Erie, Pa.
Casey-Hedges Co., Chattanooga, Tenn.
Glauber Brass Mfg. Co., 49th & Superior av, N E, Cleveland, O.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Haydenville Co., Haydenville, Mass.
Kupferle Jno. C. Fdry. Co., 1st & Wright, St. Louis, Mo.
McCambridge Co., 20th & Wood, Phila., Pa.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
Modern Iron Works (Brass), Quincy, Ill.
Mueller H. Mfg. Co., Decatur, Ill.
Newbury Mfg. Co., Monroe, N. Y.
Peck Bros & Co., New Haven, Conn.
Prier Brass Mfg. Co., Kansas City, Mo.
Rockford Brass Works, Rockford, Ill.
Swett A. L. Iron Works, Medina, N. Y.
Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.

4672— Ferrules (Wire)

Green C. E. & Son, 95 Passaic, Newark, N. J.
Lothrop F. B. Co., South Acton, Mass.
Wire Goods Co., Worcester, Mass.

4673— Fertilizer Materials

Alexander G. S. & Co. Inc. (Brokers), 61 B'way, New York
See adv index at end of book
C. P. N. CHEMICAL CO. INC. (Brokers), 78 Reade, New York & 231 W Huron, Chicago, Ill.

4674— Fertilizer Mfrs.

For firms who manufacture materials, supplies and equipment related to this trade, see classification descriptive of the article required

ALABAMA.

ALBERTVILLE—Butler Cotton Oil Co.
ALEXANDER CITY—Tallapoosa Chemical Co.
ALICEVILLE—Aliceville Oil & Mfg. Co.
ANDALUSIA—Andalusia Fertilizer Co.
ANNISTON—Anniston Fertilizer Co.
ARITON—Ariton Fertilizer Co.
ASHLAND—Ashland Oil Mill & Fertilizer Co.
BAY MINETTE—Peoples' Fertilizer Co.
BIRMINGHAM—Birmingham Fertilizer Co.
Butler-Kyser Oil & Fertilizer Co.
Grasselli Chemical Co.
Interstate Oil & Fertilizer Co.
Jefferson Fertilizer Co.
BOAZ—Boaz Fertilizer Co.
BREWTON—Robbins & McGowin Co.
BRUNDIDGE—Brundidge Fertilizer Co.
CAMDEN—Camden Cotton Oil Co.
CAMP HILL—Graves-Smith Co.
CLIO—Arnold W. A.
COLLINSVILLE—Killian D. & Son
COLUMBIA—Columbia Fertilizer Co.
CULLMAN—Cullman Fertilizer Co.
Union Fertilizer Co.
DADEVILLE—Dadeville Cotton Oil Co.
DECATUR—Decatur Fertilizer Co.
Southern Cotton Oil Co.
DOTHAN—Dothan Guano Co.
Grasselli Chemical Co.
Home Guano Co.
Houston Cotton & Fertilizer Co.
Houston Guano Co.
ELBA—Elba Fertilizer Works
ENTERPRISE—Enterprise Fertilizer Wks
Sessions H. M. & Sons
EUFAULA—Edmonson R. Q. & Bro.
Reves-Shorter Co.
EUTAW—Planters Warehouse & Commission Co.
FAYETTE—Sipsey Valley Oil & Fertilizer Works
FOLEY—Foley Fertilizer Co.
GADSDEN—Gadsden Fertilizer & Gin Co.
GENEVA—Geneva Fertilizer Works
GOODWATER—Goodwater Fertilizer Co.
GRASSELLI—Grasselli Chemical Co.
GREENVILLE—Purity Fertilizer Co.
HALEYVILLE—Haleyville Oil & Fertilizer Co.
HARTFORD—Hartford Fertilizer Works
HEADLAND—Headland Fertilizer Works
Home Fertilizer & Cotton Oil Co.
HUNTSVILLE—Farmers' Cotton Oil & Fertilizer Co.
Huntsville Warehouse Co.
JACKSONVILLE—Profile Oil & Fertilizer Co.

ALABAMA—continued
JAMES—James Fertilizer Co.
JASPER—Jasper Oil & Fertilizer Co.
KELLYTON—Harris & Warner
Peoples Supply Co.
LAFAYETTE—Lafayette Cotton Oil Mills
LINEVILLE—Clay County Oil Mill & Fertilizer Co.
LOUISVILLE—Louisville Guano Co.
LUVERNE—Luverne Oil Mills
MARION—Union Storage Co.
MIDLAND CITY—Peoples' Fertilizing Works
MOBILE—McMillan & Harrison.
Virginia-Carolina Chemical Co.
MONTGOMERY—Alabama Chemical Co
American Agricultural Chemical Co.
Capital Fertilizer Co.
International Agricultural Corp.
Morris Fertilizer Co.
Mutual Warehouse Co.
Rainbow Guano Co.
Royster F. S. Guano Co.
Southern Cotton Oil Co.
Union Seed & Fertilizer Co.
Virginia-Carolina Chemical Co.
NORTHPORT—Warrior Fertilizer Co.
ONEONTA—Oneonta Oil & Fertilizer Co
OPELIKA—Alabama Oil & Guano Co.
Opelika Oil Mill Corp.
Piedmont Fertilizer Co.
Virginia-Carolina Chemical Co.
OPP—Kelly Fertilizer & Oil Mill Co.
OXFORD—Oxford Oil Co.
OZARK—Mutual Guano Co.
Ozark Fertilizer Co.
PRATTVILLE—Autauga Oil & Fertilizer Co.
ROANOKE—Roanoke Guano Co.
SAMSON—South Alabama Fertilizer Co.
SEALE—Seale Fertilizer Co.
SELMA—Grasselli Chemical Co.
Jefferson Fertilizer Co.
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Tennessee Chemical Co.
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SYLACAUGA—Sylacauga Fertilizer Co.
TALLADEGA—Planters' Chemical & Oil Co.
Talladega Fertilizer & Mfg. Co.
TALLASSEE—Elmore Fertilizer Co.
THOMASVILLE—Thomasville Mill & Storage Co.
TROY—Farmers Co-operative Warehouse & Gin Co.
Standard Chemical & Oil Co.
Wiley Fertilizer Co.
TUSCALOOSA—Tuscaloosa Cotton Seed Oil Co.
TUSCUMBIA—Colbert County Oil & Fertilizer Co.
UNION SPRINGS—Southern Cotton Oil Co
Union Springs Guano Co.
WAVERLY—Graves-Dawson Supply Co.
WETUMPKA—Coosa River Fertilizer Co
Wetumpka Fertilizer Co.

ALASKA.

KILLISNOO—Alaska Oil & Guano Co

ARKANSAS.

ARGENTA—Union Seed & Fertilizer Co.
CAMDEN—Camden Oil & Fertilizer Co.
CONWAY—Conway Cotton Oil & Gin Co.
ELDORADO—Eldorado Oil Mill & Fertilizer Co.
HOPE—Hope Fertilizer Co.
HOT SPRINGS—Hot Springs Sanitary Fertilizer Co.
LITTLE ROCK—Arkansas Fertilizer Co.
Southern Cotton Oil Co.
MAGNOLIA—Columbia Cotton Oil Co.
MONTICELLO—Drew Oil Mills
NEWPORT—Southern Cotton Oil Co.
TEXARKANA—Farmers Oil & Fertilizer Co.
WARREN—Warren Cotton Oil & Mfg. Co.

CALIFORNIA.

EMERYVILLE—California Feritilizer Wks
LOS ANGELES—Agricultural Chemical Works, 901 Macy
American Agricultural Chemical Co., 411 S. Main
Armour Fertilizer Works, Central bldg
Chapman Fertilizer Co., Central bldg
Germain Seed & Plant Co., 326 S Main
Hauser Packing Co., 2300 E 9th
Los Angeles Fertilizer Co., 2643 E Edwin
Pacific Wood & Coal Co., 730 W Pico
Standard Fertilizer Co., L. A. Pub. Mkt
Standard Fertilizer Co., 321 N Los Angeles
Union Fertilizer Co., Calif. bldg
REDLANDS—Redlands Fruit Association
SACRAMENTO—Lewis Tom
SAN DIEGO—Pacific Wood & Coal Co.
SAN FRANCISCO—California Fertilizer Works, 1332 Evans av.
Hawaiian Fertilizer Co., 244 California
Mountain Copper Co., Ltd., 332 Pine
Pacific Bone, Coal & Fertilizing Co., 519 California
Pacific Manure & Fertilizer Co., 429 Davis
Pacific Guano & Fertilizer Co., 343 Sansome
Union Superphosphate Co., 343 Sansome
Western Reduction Co., 1501 Evans

CONNECTICUT.

BERLIN—Connecticut Valley Orchard Co.
BRIDGEPORT—Berkshire Fertilizer Co.
Chittenden E. D. Co.
GROTON—Shay C. M. Fertilizer Co.
HARTFORD—Olds & Whipple
MIDDLETOWN—Boardman F. E.
Rogers & Hubbard Co.
MYSTIC—Wilcox Fertilizer Co.
NEW HAVEN—Frisbie L. T. Co.
Platt Frank S. Co.
Sanderson Fertilizer & Chemical Co.
NORWICH—Eldridge T. H.
ORANGE—Woodruff S. D. & Sons
ROCKFALL—Rogers Mfg. Co.
SOUTH LYME—Niantic Menhaden Oil & Guano Co.
STONINGTON—Wheeler A. G. & F.
THOMPSONVILLE—Phelps Geo. S. & Co.
WARRENVILLE—James E. L.
WILLIMANTIC—Bugbee H. A.
WINSTED—Manchester E. & Sons
Tanner & Wilcox
WOLCOTT—MacCormack W.

DELAWARE.

DOVER—Delaware Fertilizer Co.
FREDERICA—Rogers L. C.
MILFORD—Draper, Davis Co.
Pierce Geo. F.
MILTON—Milton Fertilizer Co.
SEAFORD—Huston, Darbee & Co.
Woolley A. S. Co.
SMYRNA—Price Lewis M.

FLORIDA.

CHIPLEY—Campbell A. D.
GAINESVILLE—Florida Fertilizer Co.
Standard Fertilizer Co.
INGLIS—Barker Chemical Co.
JACKSONVILLE—American Agricultural Chemical Co.
Armour Fertilizer Works
Florida Cotton Oil Co.
Independent Fertilizer Co.
Jacksonville Fertilizer Co.
Osceola Fertilizer Co.
Painter E. O. Fertilizer Co.
Virginia-Carolina Chemical Co.
Wilson & Toomer Fertilizer Co.
MARIANNA—Gulf Chemical Co.
Milton W. H.
OCALA—Ocala Fertilizer Co.
ORLANDO—Southern Fertilizer Co.
PALATKA—Peninsular Fertilizer Co.
TAMPA—Gulf Fertilizer Co.
Tampa Fertilizer Co.
West Coast Fertilizer Co.

GEORGIA.

ALBANY—Albany Phosphate Co.
Albany Warehouse Co.
Brown Guano Co.
Muse A. W. & Co.
Pioneer Guano Co.
Virginia-Carolina Chemical Co.
AMERICUS—Americus Home Mixture Guano Co.
Empire State Guano Co.
International Agricultural Corp.
Virginia-Carolina Chemical Co.
APALACHEE—Apalachie Fertilizer Co.
ARLINGTON—Arlington Mfg. Co.
Arlington Oil & Guano Co.
ASHBURN—Ashburn Oil Mill
ATHENS—Clark County Oil & Fertilizer Co.
Empire State Chemical Co.
Georgia Phosphate Co.
Oglethorpe Oil & Fertilizer Co.
Southern Refining Co.
ATLANTA—Armour Fertilizer Works
Chickamauga Fertilizer Works
Empire Cotton Oil Co.
Furman Farm Improvement Co.
International Agricultural Corp.
Marietta Fertilizer Co.
Morris Fertilizer Co.
Old Dominion Guano Co.
Porter Fertilizer Co.
South Atlantic Guano Co.
Southern Cotton Oil Co.
Swift & Company
Union Seed & Fertilizer Co.
Virginia-Carolina Chemical Co.
AUGUSTA—Armour Fertilizer Works
Georgia Chemical Works
International Agricultural Corp.
North Augusta Warehouse & Fertilizer Co.
South Atlantic Fertilizer Co.
Southern Cotton Oil Co.
Southern States Phosphate & Fertilizer Co.
Virginia-Carolina Chemical Co.
BACONTON—Jackson Supply Co.
BAINBRIDGE—Empire Cotton Oil Co.
Farmers Guano Co.
Gulf Guano Co.
BALDWIN—Shore W. A. & Co.
BALL GROUND—Ball Ground Oil & Fertilizer Co.
BARTOW—Smith Bros. & Co.
BERLIN—Berlin Supply Co.
BLACKSHEAR—Blackshear Mfg. Co.
BLAKELEY—Alaga Fertilizer Co.
Blakeley Oil & Fertilizer Co.
Empire Cotton Oil Co.
BOSTON—Boston Oil Mill Co.
BOSTWICK—Monroe Oil & Fertilizer Co.
BOWDON—Bowdon Oil Mills
BOWERSVILLE—Farmers Union Warehouse Co.
BOWMAN—Bowen & Ray
Ginn I. L. & Co.
Teasley & Son
BRASELTON—Co-operative Fertilizer Co.
BREMEN—Mandeville Mills
BROXTON—Broxton Fertilizer Co.
BRUNSWICK—Brunswick Fertilizer Co.
BUCKHEAD—Buckhead Fertilizer Co.
BUENA VISTA—Planters Fertilizer & Livestock Co.
BUFORD—Busha S. J.
BULLOCKVILLE — Bullockville Home Mixture Guano Co.
BYROMVILLE—Farmers' Fertilizer Wks.
CADWELL—Cadwell Fertilizer Works
CAIRO—Georgia Fertilizer & Mfg. Co.
Cairo Guano Co.
CAMILLA—Georgia Mfg. Co.
Farmers Fertilizer & Phosphate Co.
CANON—Agnew O. L.
Canon Oil & Fertilizer Co.
CANTON—Canton Fertilizer Co.
CARLTON—Stevens-Martin Co.
Tiller-Glenn Co.
CARROLLTON—Mandeville Mills
CARTERSVILLE — Cumberland Fertilizer Co.
Southern Cotton Oil Co.
CEDARTOWN—Southern Cotton Oil Co.
CHATSWORTH—Chatsworth Guano Co.
CHAUNCEY — Chauncey Warehouse & Mfg. Co.
CHIPLEY—Chipley Home Mixture Guano Co.
COLEMAN—Coleman Guano Co.
COLUMBUS—Blanchard, Humber & Co.
Bradley W. C. Co.
Davis Warehouse Co.
Fletcher Guano Co.
Georgia Fertilizer Co.
Home Mixture Guano Co.
Royster F. S. Guano Co.
Southern Cotton Oil Co.
Virginia-Carolina Chemical Co.
COMER—Comer Mercantile Co.
Rowe W. A. & Co.
COMMERCE—Commerce Fertilizer Co.
Deadwyler A. B.
CONCORD—Strickland R. F. Co.
CONYERS—Farmers' Union Warehouse, Storage & Mfg. Co.
Wood Brothers
CORDELE—Empire Cotton Oil Co.
Read Phosphate Co.
COVINGTON—Fowler Bros. Co.
CRAWFORD—Oglethorpe Oil & Fertilizer Co.
CRAWFORDVILLE — Crawfordville Ginning & Fertilizer Co.
CULLODEN—Culloden Ginning & Fertilizer Co.
CUMMING—Cumming Oil & Fertilizer Co.

CUTHBERT—Cuthbert Fertilizer Co.
McDonald & Weaver
DALLAS—Dallas Oil & Fertilizer Co.
DAVISBORO—Davisboro Fertilizer Co.
DAWSON—Dawson Home Mixture Guano Co.
Lowrey Brothers
Southern Cotton Oil Co.
DEVEREAUX—Moate J. M.
DEWEY ROSE—Farmers E. & C. Union Warehouse Co.
Hewell T. J. Jr.
DOERUN—Doerun Oil Mill Co.
Gregg Fertilizer Co.
DONALDSONVILLE — Donaldsonville Oil Mill
DOUGLAS—Douglas Oil & Fertilizer Co.
DOUGLASVILLE—Smith V. R.
Upshaw Brothers
DUBLIN—Consolidated Phosphate Co.
Dixie Fertilizer Co.
Empire Cotton Oil Co.
Methvin & Maund
Middle Georgia Fertilizer Co.
Oconee Fertilizer Co.
DULUTH—McClure-Taylor Co.
EASTMAN—Dodge Fertilizer Co.
Improved Guano Co.
EATONTON—Eatonton Oil & Fertilizer Co.
Ezell-Griffin Co.
Putnam Fertilizer Works
EDISON—Sealy & Rambo
ELBERTON—Elbert County Fertilizer Co.
Elberton Guano Co.
Tabor T. O. & Son
ELLAVILLE—Ellaville Guano Co.
FAYETTEVILLE—Fayette Fertilizer Co.
Redwine Brothers
FITZGERALD—Ben Hill Co.
Fitzgerald Cotton Oil Co.
Planters' Warehouse & Loan Co.
FLOWERY BRANCH—Planters' Fertilizer Co.
FORSYTH—Southern Cotton Oil Co.
FORT GAINES—Georgia Products Co.
Fort Gaines Fertilizer Co.
Southern Cotton Oil Co.
FORT VALLEY—Fort Valley Oil Co.
FRANKLIN—Heard Co. Oil & Fertilizer Co.
GAINESVILLE—Jewell-Loudermilk Co.
Parker P. N.
GRANTVILLE—Grantville Oil Mills
GRAYSON—Grayson Home Mixture Co.
GREENSBORO—Greensboro Fertilizer Co.
GRIFFIN—Boyd, Douglas & Co.
Gossett A. F. & Son
Walker Brothers Co.
GROVANIA—Grovania Cotton Oil Co.
HAGEN—Hagen Oil Mill & Fertilizer Co.
HAMPTON—Hampton Fertilizer Co.
HARLEM—Harlem Oil & Fertilizer Co.
HARRISON—Harrison Fertilizer Co.
HARTWELL—Leard & Massey
McKnight & Teasley
Matheson J. D. & Sons
HAWKINSVILLE—Jelks W. A. & Co.
HOSCHTON—Hoschton Cotton Oil Mill & Mfg. Co.
JACKSON—Buttrill Guano Co.
Carmichael Guano Co.
Mallett & Nutt
Watkins B. F. & Co.
JERSEY—Jersey Oil Mill Co.
LA FAYETTE—La Fayette Fertilizer Co.
LA GRANGE—Troup Co.
LAVONIA—Allison T. F. & T. E.
Yow & McMurray
LAWRENCEVILLE — Lawrenceville Fertilizing Co.
LILLY—Planters' Oil & Fertilizer Co.
LOCUST GROVE—Combs A. G.
LOUISVILLE—Abbott Manufacturing Co.
Willie E. N.
LULA—Miller T. C. & Son
LUMPKIN — Lumpkin Home Mixture Guano Co.
Singer Co.
McRAE—Empire Cotton Oil Co.
South Georgia Fertilizer Co.
MABLETON—Lowe, T. J.
MACON—Atlantic Chemical Co.
Cherokee Fertilizer Co.
Columbia Guano Co.
Cotton States Seed & Fertilizer Co.
Georgia Warehouse Co.
Heard Brothers
International Agricultural Corp.
Macon Fertilizer Works
Planters' Fertilizer Co.
Royster F. S. Guano Co.
Southern Cotton Oil Co.
Virginia-Carolina Chemical Co.
Willingham's Warehouse
MADISON—Empire Cotton Oil Co.
Madison Fertilizer Co.
MAXEYS—Maxeys Mfg. Co.
MAYFIELD—Ogeechee Fertilizer Works, Inc.
MAYSVILLE—Maysville Guano Co.
Maysville Oil Mills
MEIGS—Standard Fertilizer Co.
METTER—Metter Fertilizer Co.
MIDDLETON—Middleton Union Warehouse Co.
MIDVILLE—Central Fertilizer Co.
MILAN—Farmers' Fertilizer Works
MILLEDGEVILLE—Baldwin County Fertilizer Co.
Central Georgia Guano Co.
MILLEN—Daniel Sons & Palmer Co.
Millen Fertilizer Co.
MILLHAVEN—Comer E. T. & Co.
MITCHELL—Kelley's J. C. Sons
MONROE—Monroe Oil & Fertilier Co.
Nowell J. M.
MONTEZUMA—Montezuma Fertilizer Co.
MONTICELLO—Benton Supply Co.
Empire Cotton Oil Co.
Farmers' Union Warehouse Co.
MORELAND—Brannon W. A. Co.
Camp H. W. Co.
MOULTRIE—Moultrie Fertilizer & Mfg. Co.
Moultrie Oil & Fertilizer Co.
Swift & Company
NEWNAN—Coweta Fertilizer Co.
Georgia Belle Fertilizer Co.
NEWTON—Hall R. L. & W. H.
OCILLA—Ocilla Oil & Fertilizer Co.
PAVO—Pavo Fertilizer Co.
PELHAM—Hand Trading Co.
Mitchell County Fertilizer Co.
Pelham Oil & Fertilizer Co.
PINEHURST—Pinehurst Fertilizer Co.
POWDER SPRINGS — Powder Springs Guano Co.
PUTNEY—Putney F. F.
QUITMAN—Empire Cotton Oil Co.
REYNOLDS—Farmers' Warehouse & Fertilizer Co.
Planters' Warehouse Co.
Reynolds Home Mixture Guano Co.
Ricks-Neisler Fertilizer Co.
RICHLAND — Richland Home Mixture Guano Co.
ROME—Rome Oil & Fertilizer Co.
Virginia-Carolina Chemical Co.
ROYSTON—Royston Guano & Warehouse Co.
Tri-County Fertilizer Co.
RUTLEDGE—Rutledge Oil Co.
SALE CITY—Perry F. A. Warehouse
SANDERSVILLE—Central Fertilizer Co.
Georgia Fertilizer Works
Wood Newman
SAVANNAH — American Agricultural Chemical Co.
American Fertilizer Co.
Armour Fertilizer Works
Barker Chemical Co.
Gibbs L. Y. Son & Co.
Leffler A. Co.
Mutual Fertilizer Co.
Phosphate Mining Co.
Reliance Fertilizer Co.
Savannah Guano Co.
Savannah Chemical Co.
Seacoast Fertilizer Co.
Southern Cotton Oil Co.
Southern Fertilizer & Chemical Co.
Swift & Company
Virginia-Carolina Chemical Co.
Willcox, Ives & Co.
SENOIA—McKnight C. C. & Bros.
SHELLMAN—Crittenden Guano Co.
Oliver Cotton Oil Mills, Ginnery & Fertilizer Works
Shellman Home Mixture Guano Co.
SOCIAL CIRCLE—Social Circle Mfg. Co.
Virginia-Carolina Chemical Co.
SOPERTON—Soperton Guano Co.
STARRSVILLE—Anderson & Belcher
STILESBORO—Stilesboro Warehouse Co.
STOCKBRIDGE—Mann Joseph
SWAINSBORO—Swainsboro Fertilizer Co.
SYLVESTER—Keystone Guano Co.
TEMPLE—Baker J. M.
Temple Cotton Oil Co.
TENNILLE—Planters' Fertilizer Co.
THOMASTON—Reeves T. J. & Co.
Upson County Oil Mills
THOMASVILLE — Thomasville Fertilizer Co.
THOMSON—McDuffie Oil & Fertilizer Co.
TIFTON—International Agricultural Corp.
Tifton Guano Co.
TOCCOA—Dance Guano Co.
Farmers Cotton Oil & Fertilizer Co.
UNADILLA—Union Warehouse Co.
UNION CITY— Union Phosphate Co. of Georgia
VALDOSTA—Empire Cotton Oil Co.
Georgia Fertilizer & Oil Co.
Strickland's A. J. Mfg Works
VIDALIA—Altamaha Fertilizer Co.
Vidalia Chemical Co.
VIENNA—Dooly Fertilizer Co.
Empire Cotton Oil Co.
Heard J. P. & Sons Co.
VILLA RICA—Villa Rica Cotton Oil Co.
WARRENTON—Union Fertilizer Co.
Warren County Fertilizer Co.
WASHINGTON—Pope Mfg. Co.
Tyrone Mercantile Co.
WAVERLY HALL—Pitts I. H. & Son Co.
WAYNESBORO—Burke County Oil & Fertilizer Co.
Neely R. C. Co.
Skinner C. W.
WEST POINT—West Point Home Mixture Guano Co.
WHITE PLAINS—White Plains Gin & Fertilizer Co.
WINDER—Winder Oil Mill Co.
WINTERVILLE—Pittard John T.
WOODBURY—Woodbury Oil Mills
WOODSTOCK—Woodstock Oil & Fertilizer Co.
WOODVILLE—Davison C. J. & Co.
Woodville Oil Co.
WRENS—McNair-Young Co.
ZEBULON—Zebulon Gin & Fertilizer Co.

ILLINOIS.

AURORA—Alba Manufacturing Co.
CHICAGO—Armour Fertilizer Works, Union Stock Yards
Chicago Fertilizer & Chemical Works, 7631 S Green
Chicago Raw Products Co., 2801 S Ashland av
Darling & Company, 4201 S Ashland av
Herrmann Jos. F. & Co., Fisher bldg.
Hine Brothers Co., 4023 S Ashland av
Hirsh, Stein & Co., 111 W Wash
Morris & Co., Union Stock Yards
Southern Cotton Oil Co., 1464 W 37th
Swift & Co., Union Stock Yards
Wilson & Co., Union Stock Yards
EAST ST. LOUIS—Swift & Company
WAUKEGAN—Barwell John W.
Blatchford Calf Meal Co., Waukegan

INDIANA.

ANDERSON—Anderson Fertilizing Co.
DECATUR—Decatur Fertilizer Co.
EVANSVILLE—Evansville Packing Co.
FORT WAYNE—Bash S. & Co.
HAGERSTOWN—Weidman Augustus
HAMMOND—American Glue Co.
INDIANAPOLIS—Dockwiler & Kingsbury Co.
Rauh E. & Sons Fertilizer Co., 419 S Penn.
Smith Agricultural Chemical Co.
Wachtel J., Southern av
KOKOMO—Kokomo Fertilizer Co.
MARION—Ballard Packing Co.
MISHAWAKA—Major Brothers Packing Co.
NEW ALBANY—Empire Guano Co.
Hopkins Fertilizer Co.
ROYAL CENTER—Goodrich W. J.
SEYMOUR—Buhner F. F.
SHELBYVILLE—Bausback Robert & Sons
STASER—Niederhaus Fred.

IOWA.

SIOUX CITY—Armour Fertilizer Works.

KANSAS.

KANSAS CITY—Armour Fertilizer Works
Sulzberger & Sons Co.
Swift & Company

KENTUCKY.

BARDSTOWN—Grigsby & Co.
LA GRANGE—Duncan & Bro.
LEITCHFIELD—Grayson Fertilizer Co.
LOUISVILLE—Federal Chemical Co.
Fox Chemical Co.
Globe Fertilizer Co.
Jones Fertilizing Co.
Kentucky Fertilizer Co.
Louisville Fertilizer Co.
Pero & Stoecker
Southern Fertilizer Co.
Wood, Stubbs & Co.
OWENSBORO—Turley T. J. Co.

LOUISIANA.

ARCADIA—Arcadia Cotton Oil Mill & Mfg. Co.
GIBSLAND—Gibsland Oil Mills & Fertilizer Co.
HARVEY—Swift & Company
HOMER—Homer Cotton Oil Co.
MINDEN—Minden Cotton Oil & Ice Co.
NEW ORLEANS—Planters' Fertilizer & Chemical Co., Hibernia bldg
St. Bernard Rendering & Fertilizing Co., 304 Baronne
Union Seed & Fertilizer Co.
RUSTON—Ruston Oil Mill & Fertilizer Co.
SHREVEPORT—Meridian Fertilizer Factory
Shreveport Fertilizer Works
Swift & Company
Virginia Carolina Chemical Co.

MAINE.

AUGUSTA—Philbrick E. J.
BANGOR—Morison Brothers
BOWDOINHAM—Sagadohoc Fertilizer Co.
EASTPORT—Deep Cove Mfg. Co.
HOULTON — International Agricultural Corp.
PORTLAND—Portland Rendering Co.
SEARSPORT—American Agricult. Chemical Co.

MARYLAND.

BALTIMORE—American Agricult. Chemical Co., Fidelity bldg
Armour Fertilizer Works, Munsey bldg
Baltimore Fertilizer Co., 221 N Calvert
Baugh & Sons Co., The 25 S Calvert
Griffith & Boyd Co., 9 S Gay
Home Fertilizer & Chemical Co., Calvert bldg
Hubbard Fertilizer Co., Keyser bldg
Hubbard M. P. & Co., Calvert bldg
Miller Fertilizer Co., 5 S Gay
Moores Joel & Co., 920 E Fort av
Nichols J. B. & Son, 9 E Camden
Ober G. & Sons Co., U. S. Fidelity bldg
Patapsco Guano Co., Vickers bldg
Piedmont Mt. Airy Guano Co. Keyser bldg
Pollock Fertilizer Co., Fidelity bldg
Rasin-Monumental Co., Nat. Mar. Bank bldg
Standard Wholesale Phosphate Co., Continental bldg
Superior Guano Co., Clinton & 4th av
Swift & Co., Stock Exchange bldg
Taveau H. S. & Co., 5 S Gay
Wooldridge Fertilizer Co., Marine Bank bldg
Wooldridge Robert A. Co., Fidelity bldg
BEL AIR—McComas Brothers
Robinson W. E. & Co.
BRUCEVILLE—Mehring F.
CAMBRIDGE—Webster S. L. & Son
CARDIFF—Dooley & Robinson Bros.
CHESTERTOWN—Beck-Walker Co.
Peerless Fertilizer Co.
CHURCH HILL—Valliant E. S. & Son
CRISFIELD—Dennis L. E. P. & Son
ELKTON—Scott Fertilizer Co.
FREDERICK—Ramsburg Fertilizer Co.
Tyson J. & Son
GREENSBORO—Horsey, Roe & Co.
HAGERSTOWN—Bixler Wm. H.
Central Chemical Co.
HAMPSTEAD—Hampstead Fertilizer Co.
LINWOOD—Englar John A.
MEDFORD—Baile C. A. & Co.
MT. AIRY—Hood W. H.
NEW WINSOR—Bennett N. T.
POCOMOKE—Wilson Francis M. & Co.
ST. MICHAELS—Talbot Mfg. Co.
SALISBURY—Farmers & Planters' Co.
Tilghman W. B. Co.
SNOW HILL—Worcester Fertilizer Co.
TANEYTOWN—Reindollar Co.
UNION BRIDGE—Farmers' Exchange Co.
WESTMINSTER—Farmers' Fertilizer & Feed Co.
Westminster Fertilizer Co.
WOODSBORO—Miller & Cramer

MASSACHUSETTS.

BOSTON—American Agricultural Chemical Co., 92 State
Bowker Fertilizer Co., 43 Chatham
Breck Joseph & Sons' Corp.
Dow J. C. Co., 148 State
Eastern Chemical Co., 45 Union av
Lowell Fertilizer Co., 40 N Market
Randall Benjamin
FRAMINGHAM—Wood A. H. & Co.
HOLYOKE—Abbott W. H.

MICHIGAN.

ADRIAN—Smith Elmer D. & Co.
DETROIT—American Agricultural Chemical Co., Delray
GRAND RAPIDS—Grand Rapids Glue Co.
JACKSON—Boland James Rendering & Fertilizing Co.
KALAMAZOO—Kalamazoo Rendering & Fertilizer Co.
ST. JOSEPH—Burton E.

MINNESOTA.

ST. PAUL (South)—Swift & Company

MISSISSIPPI.

AMORY—Gilmore-Puckett Co.
BROOKHAVEN—Brookhaven Cotton Oil & Fertilizer Co.
COLUMBUS—Independent Oil & Fertilizer Works
Refuge Cotton Oil Co.
CORINTH—Tupelo Fertilizer Factory
CRYSTAL SPRINGS—Crystal Springs Oil Mill, Fertilizer & Mfg. Co.
HATTIESBURG—Meridian Fertilizer Factory
HAZLEHURST—Hazlehurst Oil Mill & Fertilizer Co.
JACKSON—Jackson Fertilizer Co.
Union Seed & Fertilizer Co.
KOSCIUSKO—Planters' Oil Mill & Gin Co.
LAUREL—Laurel Oil & Fertilizer Co.
MERIDIAN—Eagle Cotton Oil Co.
George A. H. Co.
Meridian Fertilizer Factory
Southern Oil & Fertilizer Co.
Threefoot Bros. & Co.
MOSS POINT—Moss Point Fertilizer Co.
NEWTON—Newton Oil Mill
PHILADELPHIA—Henderson-Molpus Co.
SHUBUTA—Shubuta Oil & Mfg. Co.
TUPELO—Tupelo Fertilizer Factory
VICKSBURG—Refuge Cotton Oil Co.
WESSON—Wesson Cotton Oil & Fertilizer Co.
YAZOO CITY—Producers' Cotton Oil Co.

MISSOURI.

ST. JOSEPH—Swift & Co.
ST. LOUIS—Commercial Acid Co., Boatsman Bank bldg.
Empire Carbon Works, 415 Locust
Mathiason P. B. Mfg. Co., 5310 N 2nd

MONTANA.

ANACONDA—Rocky Mountain Chemical Co.

NEBRASKA.

SOUTH OMAHA — Armour Fertilizer Works
Swift & Company

NEW HAMPSHIRE.

LANCASTER—Smith Frank Co.
PITTSFIELD—Sanborn J. W.

NEW JERSEY.

ALLOWAY—Ayres J. F.
BRIDGETON—Grange Commercial Store
Minch John E.
BURLINGTON—Burlington Supply Co.
CAMDEN—Wenderoth J. & Sons
CEDARVILLE—Brown Wm. M.
CHROME—Armour Fertilizer Works
ELMER—Smith Rufus W. Co.
FREEHOLD—Monmouth County Farmers' Exchange
HIGHTSTOWN—Chamberlin E. B. & Co.
MARLBORO—Baird J. H. & Son
MEDFORD—Haines Jos. H. & Sons
MILLINGTON—Runyon A. D.
MONMOUTH JUNCTION—Rowland John B.
MOORESTOWN—Collins J. S. & Son, Inc.
Doughten H. W.
MT. EPHRAIM—Clark C. C. & Son
MT. HOLLY—Burlington County Farmers' Exchange
NEWARK—Listers Agricultural Chemical Works, Lister av
Noll J. F. & Co., 115 Mulberry
NEW BRUNSWICK—Lederer Samuel & Son
Ruckman Brothers
PLAINFIELD—Glaser Co.
QUINTON—Quinton Glass Co.
ROBBINSVILLE—Hendrickson & Dilatush
SWEDESBORO—Brewer & Locke
TRENTON—Trenton Bone Fertilizer Co.
VINELAND—Wilde Wm.
WOODBURY—West Jersey Marl & Trans. Co.
WOODSTOWN — South Jersey Farmers' Exchange

NEW YORK.

ALBANY—Newhof L.
BALDWINSVILLE—Giddings Burt & Sons
BEACON—Hammond Paint & Slug Shot Works
BROCKPORT—Shafer Perry C. Co.
BUFFALO—American Agricultural Chemical Co., 129 Lewis
Dold Jacob Packing Co.
International Agricultural Corp., Marine Bank bldg
FILLMORE—Stockwell J. W. Co.
JOHNSONBURG—Daniels Fred
NEW YORK CITY—American Agricultural Chemical Co., 2 Rector
Bowker Fertilizer Co., 60 Trinity pl
Coe-Mortimer Co., 51 Chambers
Consumers' Chemical Corp., 120 B'way
Cooper's Peter Glue Factory, 11th av & 28th
Henderson Peter & Co., 35 Cortlandt
International Agricultural Corp., 61 B'way
Lister's Agricultural Chemical Works, 2 Rector
Ludlam Frederick Co., 2 Rector
Mapes Formula & Peruvian Guano Co., 143 Liberty
Nassau Fertilizer Co., 2 Rector
National Fertilizer Co., 2 Rector
Parson & Petit (Brokers), 63 Beaver
Southern Cotton Oil Co., 120 Broadway
Southern Exchange Co., 97 Warren
Thorburn J. M. & Co., 53 Barclay
Union Seed & Fertilizer Co., 65 Broadway
ROCHESTER—Flower City Plant Food Co.
International Seed Co.
SYRACUSE—Syracuse Rendering Co.
YONKERS—Health Chemical Co.

NORTH CAROLINA.

ASHEVILLE—Asheville Packing Co.
AULANDER—Bertie Cotton Oil Co.
BAYBORO—Pamlico Chemical Co.
BENSON—Banner Fertilizing Co.
BETA—Beta Fertilizer Co.
CHARLOTTE—Southern Cotton Oil Co.
Union Seed & Fertilizer Co.
Virginia-Carolina Chemical Co.
CLAYTON—Clayton Oil Mill
CONCORD—Southern Cotton Oil Co.
DUNN—Dunn Oil Mills Co.
DURHAM—Dixie Guano Co.
Virginia-Carolina Chemical Co.
EDENTON—Chowan Cotton Oil & Fertilizer Co.
ELIZABETH CITY—Grandy N. G. & Co.
Jennett Brothers Co.
FARMVILLE—Farmville Oil & Fertilizer Co.
FAYETTEVILLE—Southern Cotton Oil Co.
FREMONT—Fremont Oil Mill Co.
GIBSON—Southern Cotton Oil Co.
GOLDSBORO—Southern Cotton Oil Co.
GREENSBORO — American Agricultural Chemical Co.
Armour Fertilizer Works
Swift & Co.
HENDERSON—Vance Guano Co.
HERTFORD—Eastern Cotton Oil Co.
Shannonhouse H. T.
JOHNS—John J. T. Co.
KINSTON—Lenoir Oil & Ice Co.
LAUREL HILL—Pate Z. V.
LAURINBURG—Elmore Ginning & Fertilizer Co.
McNair Phosphate Co.
LUMBERTON—Robeson Mfg. Co.
MARSHVILLE—Marsh-Lee Co.
MAXTON—Elba Mfg. Co.
Southern Exchange Co.

MONROE—Crow Fertilizer Co.
NEW BERN—Craven Chemical Co.
Meadows E. H. & J. A. Co.
New Bern Cotton Oil & Fertilizer Mills
Virginia-Carolina Chemical Co.
PINE LEVEL—Pine Level Oil Mills
PITTSBORO—Chatham Oil & Fertilizer Co.
RAEFORD—Hoke Oil & Fertilizer Co.
RALEIGH—Caraleigh Phosphate & Fertilizer Works
Union Seed & Fertilizer Works
ROCKINGHAM—Everett Bros.
ROCKY MOUNT—Planters' Cotton Oil & Fertilizer Co.
Southern Cotton Oil Co.
SCOTLAND NECK—Scotland Neck Guano Co.
SHELBY—Southern Cotton Oil Co.
TARBORO—Josey N. B. Guano Co.
Royster F. S. Guano Co.
WADESBORO—Southern Cotton Oil Co.
WASHINGTON—Bragaw Fertilizer Co.
Havens Oil Co.
Pamlico Chemical Co.
WILMINGTON—Acme Manufacturing Co.
American Agricultural Chemical Co.
Armour Fertilizer Works
Cooper Guano Co.
Navassa Guano Co. of Wilmington
Pearsall & Co.
Swift & Company
Union Seed & Fertilizer Co.
WILSON—Contentnea Guano Co.
Farmers' Cotton Oil Co.
Harris W. S. & Co.
Southern Cotton Oil Co.
WINSTON-SALEM—Union Guano Co.
Virginia-Carolina Chemical Co.

OHIO.

AKRON—Barber O. C. Mining & Fertilizer Co.
ALLIANCE—Alliance Fertilizer Co.
ATHENS—Stedman F. C. Co.
BARBERTON—Columbia Chemical Co.
CAMDEN—Slover Edward Fertilizer Co.
CANTON—Canton Fertilizer & Chemical Co.
CINCINNATI — American Agricultural Chemical Co., Prov. Bk. bldg
Jarecki Chemical Co., ft. Broermann av, St. B
Joslin-Schmidt Co., 3223 Spring Grove av
Virginia-Carolina Chemical Co., Union Central bldg
CLEVELAND — American Agricultural Chemical Co., Rose bldg
Fertile Chemical Co. ("Nitro Fertile," "Lime Fertile," "Aluvia")
Grasselli Chemical Co., Guardian
Stadler J. L. & H. Rendering & Fertilizer Co., 908 Denison av, N W
Swift & Co., 2300 Ontario S. E.
COLUMBUS—Farmers' Fertilizer Co.
Independent Packers Fertilizing Co.
New Process Fertilizer Co.
Smith Agricultural Chemical Co.
Welch Fertilizer Co.
DAYTON—Wuichet Fertilizer Co.
DEFIANCE—Ruehle John
GREENVILLE—Mace & Mansfield
HAMILTON—Miami Fertilizer Co.
HARVEYSBURG—Harveysburg Fertilizer Co.
MARIETTA—Marietta Bone & Phosphate Co.
Muskingum Valley Fertilizer Co.
MEDINA—Rickard G. W.
NEWARK—Howell Fertilizer Co.
PORTSMOUTH—Portsmouth Chemical Co.
SANDUSKY—Jarecki Chemical Co.
TIFFIN—Seneca Fertilizer Co.
WASHINGTON C. H.—Hamm M. Co.
Miller E. L.
WHEELERSBURG—Bell Geo. A. Fertilizer Works
YOUNGSTOWN—Youngstown Fertilizer Co.
ZANESVILLE—Frank L. & Sons

OKLAHOMA.

OKLAHOMA—Sulzberger & Sons Co., 209 Lasalle

OREGON.

NORTH PORTLAND—Union Meat Co.
PORTLAND—Alaska Oil & Guano Co.
Portland Rendering Co.
Portland Seed Co.

PENNSYLVANIA.

ALLENTOWN—Allentown Manufacturing Co.
Reichard Robert A.
ATGLEN—Hastings W. S. & Sons
CHESTER—Baxter Henry V.
COATESVILLE—Downward Jas. G. Co.
Hartranft Frank
CONNELLSVILLE—Connellsville Garbage & Fertilizer Co.
DOYLESTOWN—Dungan Fertilizer Co.
DU BOIS—Swack's Fertilizer Works, Inc.
EASTON—Berger Brothers
ELIZABETHTOWN — Farmers' Fertilizer Works
ERIE—Erie Reduction Co.
GAP—Walker J. C. & Sons Co.
GETTYSBURG—Blocher D. & Co.
HAZLETON—Schumacher Anson B.
JOHNSTOWN—Cambria Fertilizer Co.
KENNETT SQUARE—Gawthrop Jos. R.
LANCASTER—Lancaster Bone Fertilizer Co.
Lancaster Chemical Co.
LEAMAN PLACE—Eby Amos & Co.
LEBANON—Lebanon Fertilizer Works
LINCOLN UNIVERSITY—Cope Henry & Co.
LINFIELD—Trinley Jacob & Sons
MAUD—Simon's F. A. Brothers
NEWTOWN—Kenderline T. S. & Sons
NORTH WALES—Union Chemical Works, Inc.
OXFORD—Oxford Packing Works
PHILADELPHIA—American Agricultural Chemical Co., Drexel bldg
Baugh & Sons Co., 20 S Delaware av
Berg Co., E. Ontario bl, Richmond
Hess S. M. & Bro., 328 Chestnut
Keystone Bone Fertilizer Co., 15 N 5th
Martin D. B. Co., 30th & Market
Roberts Ellwood Co., Drexel bldg
Shoemaker M. L. & Co., Venango & Delaware
Thomas I. P. & Son Co., Drexel bldg
Tunnell F. W. & Co., 15 N 15th
Tygert J. E. Co., 28 S. Delaware av
Whann W. E. Co., Drexel bldg
PITTSBURGH—American Reduction Co., 1942 Forbes
Beckert Seed Store, 103 Federal
Columbia Chemical Co.
Pittsburgh Provision & Packing Co., Herrs Island
Walker, Stratman & Co., Herrs Island
QUAKERTOWN—Hager H. F.
RAUBSVILLE—Hoffman P. & Bro.
READING—Reading Bone Fertilizers Co.
SEITZLAND—Koller Fertilizer Co.
SPRINGTOWN—Miller Frank P.
STEWARTSTOWN—Bartenslager J. H.
WARREN—Warren Fertilizer Co.
WILLIAMSPORT—Thomas James
YORK—York Chemical Works

RHODE ISLAND.

NARRAGANSETT PIER—Geaber Jos. F. & Bros.
PROVIDENCE—Mitchell Fertilizer Co., 26 S Water

SOUTH CAROLINA.

ABBEVILLE—Southern Cotton Oil Co.
AIKEN—Farmers Storage & Fertilizer Co.
ALLENDALE—Allendale Cotton Oil & Fertilizer Co.
ANDERSON—Anderson Fertilizer Co.
Anderson Phosphate & Oil Co.
Peoples Oil & Fertilizer Co.
ANTREVILLE—Wakefield Mer. Co.
BATESBURG—Batesburg Cotton Oil Co.
BENNETTSVILLE — Marlboro Fertilizer Co.
BLACKSBURG—Virginia-Carolina Chemical Co.
CAMDEN—Southern Cotton Oil Co.
CHARLESTON—Combahee Fertilizer Co.
Etiwan Fertilizer Co.
McCabe Fertilizer Co.
Macmurphy Co.
Molony & Carter Co.
Peruvian Guano Corp.
Planters' Fertilizer & Phosphate Co.
Read Phosphate Co.
Southern Cotton Oil Co.
Virginia-Carolina Chemical Co.
Wulbern Fertilizer Co.
CHERAW—Cheraw Oil & Fertilizer Co.
CLINTON—Clinton Oil Mills
CLIO—Clio Oil & Fertilizer Co.
COLUMBIA — American Agricultural Chemical Co.
Atlantic Chemical Co.
Columbia Guano Co.
Congaree Fertilizer Co.
Palmetto Guano Corp.
Royster F. S. Guano Co.
Southern Cotton Oil Co.
Swift & Company
Virginia-Carolina Chemical Co.
DARLINGTON—Darlington Fertilizer Co.
DILLON—Southern Cotton Oil Co.
DUNCAN—Tyger Shoals Milling Co.
ELLENTON—Ellenton Fertilizer Co.
FAIRFOREST—Fairforest Cotton Oil Co.
FOUNTAIN INN—Fountain Inn Oil Mill Co.
GAFFNEY—Victor Cotton Oil Co.
GRAY COURT—Gray Court Oil & Fertilizer Co.
GREENVILLE—Carolina Phosphate Co.
Independent Guano Co.
Union Seed & Fertilizer Co.
Virginia-Carolina Chemical Co.
GREENWOOD—Greenwood Fertilizer Co.
GREER—Greer Cotton Seed Oil & Fertilizer Co.
Greer Fertilizer Co.
HARTSVILLE—Hartsville Fertilizer Co.
JOHNSTON—Edison J. D.
KERSHAW—Kershaw Oil Mill
LAMAR—Lamar Ginning & Cottonseed Exchange Co.
Lamar Fertilizer Co.
LANCASTER—Catawba Fertilizer Co.
LAURENS—Southern Cotton Oil Co.
LIBERTY—Franklin Guano Co.
LITTLE MOUNTAIN—Little Mountain Oil Mill & Fertilizer Co.
LOWNDESVILLE — Lowndesville Cotton Oil Co.
MANNING—Manning Oil Mill
MARION—Marion Guano Co.
MULLINS—Daniel W. H. Supply Co.
NEWBERRY—Farmers' Oil Mill
NORTH AUGUSTA — North Augusta Warehouse & Fertilizer Co.
ORANGEBURG—No-Filler Fertilizer Co.
Orangeburg Fertilizer Co.
PON PON—Georgia Chemical Works
ROCK HILL—Rock Hill Fertilizer Co.
SENECA—Nimmons W. P.
Seneca Fertilizer Co.
SIMPSONVILLE — Simpsonville Cotton Mills
SPARTANBURG—International Agricultural Corp.
Royster F. S. Guano Co.
Spartanburg Fertilizer Co.
Southern Cotton Oil Co.

TIMMONSVILLE—Timmonsville Oil Co.
TRENTON—Trenton Fertilizer Co.
WELLFORD—Tiger-Shoals Milling Co.
WESTMINSTER—Carter J. S. & Co.
Westminster Oil & Fertilizer Co.
WEST UNION—Neville Brothers
Strother & Phinney
WOODRUFF—Woodruff Oil & Fertilizer Co.

TENNESSEE.

CHATTANOOGA—Chickamauga Fertilizer Works
Scholze E. W.
JACKSON—Union Seed & Fertilizer Co.
KNOXVILLE—Lowe-Hord Hardware Co.
LEOMA—Leonia Gin & Fert. Co.
MEMPHIS—Southern Cotton Oil Co.
Virginia-Carolina Chemical Co.
MOUNT PLEASANT—Mount Pleasant Fertilizer Co.
NASHVILLE—Georgia Fertilizer Co.
Read Phosphate Co.
Tennessee Chemical Co.
Tennessee Fertilizer Co.
SPRINGFIELD—Taylor & Powell Fertilizer Co.

TEXAS.

BRYAN—Bryan Cotton Oil Co.
CARTHAGE—Carthage Fertilizer Factory
CROCKETT—Houston County Oil Mill & Mfg. Co.
DALLAS—Dallas Fertilizer & Reduction Co.
FORT WORTH—Armour Fertilizer Works
Swift & Company
HOUSTON—Fidelity Chemical Corp.
Houston Packing Co.
Industrial Cotton Oil Properties

TEXAS—continued
HUNTSVILLE—Huntsville Cotton Oil Co.
JACKSONVILLE—Barber G. L.
Jacksonville Cotton Oil Co.
LONGVIEW—Longview Cotton Oil Co.
MARSHALL—Marshall Fertilizer Factory
NACOGDOCHES—Nacogdoches Oil Mill
NAVASOTA—Schumacher H. Oil Works
NEW BOSTON—Bowie County Cotton Oil Co.
PALESTINE—Anderson County Cotton Oil Co.
PARIS—Williams Fertilizer Co.
ROCKDALE—Rockdale Oil Co.
SAN AUGUSTINE—San Augustine Fertilizer Co.
SULPHUR SPRINGS—Farmers & Ginners Cotton Oil Co.
TEXARKANA—Farmers' Oil & Fertilizer Co.
TROUP—Tipton, Griffin & Tipton
TYLER—East Texas Fertilizer Co.
WEIMAR—Hillje Brothers
WILLS POINT—Wills Point Cotton Oil Co.

VERMONT.

BURLINGTON—Burlington Rendering Co.
RUTLAND—American Agricultural Chemical Co.

VIRGINIA.

ALEXANDRIA—Alexandria Fertilizer & Chemical Co.
Bryant Fertilizer Co.
May Wm. H. & Son
Wattles Richard H.
AVALON—Gill Howard W.
BASKERVILLE—Farmers' Union Fertilizer Co.
BLACKSTONE—Blackstone Guano Co.
Farmers' Co-operative Fertilizer Co.
CAPE CHARLES—Eastern Shore Fertilizer Co.
CHILHOWIE—Vance J. L. & Co.
CHURCHLAND—Trotman Mfg. Co.
COURTLAND—Bain & Company
DUBLIN—Jordan Seed & Fertilizer Co.
ELLERSON—Alliance & Industrial Mfg. Co.
EMPORIA—Tiller W. T. & Co.
FARMVILLE—Barrow H. E. & Co.
FLEETON—Davis C. E. Packing Co.
FRANKLIN—Franklin Cotton Oil & Fertilizer Co.
Pretlow & Co.
GRETNA—Vaden Fertilizer & Supply Co.
HOLLAND—Holland Supply Corp.
LYNCHBURG—Miller W. A. & Son
Pocahontas Guano Co.
Virginia-Carolina Chemical Co.
MARION—Marion Fruit & Produce Co.
NORFOLK—American Fertilizing Co.
Arps G. L. & Co.
Baugh & Sons Co.
Berkley Chemical Co.
Columbia Guano Co.
Farmers Guano Co.
Hampton Guano Co.
Holmes & Dawson
Imperial Company
Martin Fertilizer Co.
Norfolk Fertilizer Co.
Pocomoko Guano Co.
Robertson Fertilizer Co.
Royster F. S. Guano Co.
Virginia-Carolina Chemical Co.
Winborne & Co.
Young J. R. Fertilizer Co.
PETERSBURG—Grossman W. & Son
RICHMOND—Beveridge S. T. & Co.
Diggs & Beadles
Lee A. S. & Sons Co., 108 S 13th
Old Buck Guano Co.
Richmond Guano Co.
Virginia-Carolina Chemical Co.
ROANOKE—Southern Chemical Co.
SOUTH HILL—Farmers Union Fertilizer Co.
STAUNTON—Baker & Brown
SUFFOLK—Dixie Guano Co.
WAKEFIELD—Bain L. F. & Sons
WINCHESTER—Baker & Co.

WASHINGTON.

SEATTLE—Kaufman Jacob Co.
Lilly Chas. H. Co.

WEST VIRGINIA.

WHEELING—Wheeling Butchers' Association

WISCONSIN.

KENOSHA—Koos N. S. & Son Co.
MILWAUKEE—Currie Brothers Co.

4675— Fibre (Broom)

Huntsville Fibre & Veneer Works, Huntsville, Ala.

4676— Fibre (Brush)

American Fibre Co. ("Palmetto"), Jacksonville, Fla.
Eaton, Schleich & Woll (Imp. Tampico), 97 Maiden la, New York
Tampa Brush Co. (Palmetto), Tampa, Fla.
Whiting E. B. & A. C. Co. ("Tampico"), Burlington, Vt.
Wilkens Wm. Co. (Imp.), Frederick av & Wilkens, Baltimore, Md.

4677— *Fibre (Cotton, Dry)

COUCH BROS. MFG. CO., Atlanta, Ga.

4677a1—*Fibre ("D. H. Gray Egyptian")

Delaware Hard Fibre Co., Wilmington, Del., Works, Marshalton, Del.
See adv index at end of book

4677a— Fibre (Flexible)

National Fibre & Insulation Co., Yorklyn, Del.

4678— *Fibre (Friction)

DELAWARE HARD FIBRE CO., Wilmington, Del. Works: Marshallton, Del.
See adv index at end of book
National Fibre & Insulation Co., Yorklyn, Del.

4679— *Fibre (Galvanized)

Russell Specialty Mfg. Co., 317 S Clinton, Chicago, Ill. *See adv index at end of book*

4680— Fibre (Hard)

In Sheets, Rods, Tubing, Etc.

American Vulcanized Fibre Co. (Vulcanized, also Flexible), 504 Equitable bldg, Wilmington, Del.
Asbestos & Rubber Works of N. J. (Compressed Fibre Sheet), Camden, N. J.
BETTES & EBSEN (Packing), 150 Chambers, New York
See adv index at end of book
Brandywine Fibre Products Co., East Wilmington, Del.
Central Hard Fibre Co. (Hard Vulvanized Fibre, Tubes a Specialty), W. Somerville, Mass.
Continental Fibre Co. (Also Flexible), Newark Centre, Del.
DELAWARE HARD FIBRE CO., Wilmington, Del. Works: Marshallton, Del.
See adv index at end of book
Diamond State Fibre Co. (Also Flexible), Elsmere, Del.
Eastern Hard Fibre Co., Merrimac, Mass.
Empire Mfg. Co., 26th & Tatnell, Wilmington, Del.
Fibre Corporation ("Fibrotte" for Covering Third Rails & Wires), Lockport, N. Y.
Johns H. W.-Manville Co., Madison av & 41st, New York
Leatheroid Mfg. Co. (For Trunks, Dress Suit Cases, etc), 121 Beach, Boston, Mass.
Mikesell Bros. Co., 176-178 N La Salle, Chicago, Ill.
National Fibre Board Co. (Electrical & Friction), 121 Beach, Boston, Mass.
NATIONAL FIBRE & INSULATION CO. ("Old Hickory"), Yorklyn, Del.
ROGERS FIBRE CO. (Leatheroid Mfg. Co., Boston, Mass.
See adv index at end of book
Russell Specialty Mfg. Co., 317 S Clinton, Chicago, Ill. *See adv index at end of book*
SPAULDING J. & SONS CO. (In Sheets, Rods, Tubes & Specialties), P. O. Box 52, Tonawanda, N. Y.
See adv index at end of book
Standard Fibre Co., Miller, Somerville, Mass.
WILMINGTON FIBRE SPECIALTY CO., Wilmington, Del.
See adv index at end of book

4681— *Fibre (Insulating)

See also Fibre, Hard

DELAWARE HARD FIBRE CO., Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*
NATIONAL FIBRE & INSULATION CO. Yorklyn, Del.
Railroad Supply Co., 203 S Dearborn, Chicago, Ill.
ROGERS FIBRE CO. (Leatheroid Mfg. Co. ("Leatheroid"), 121 Beach, Boston, Mass. *See adv index at end of book*
SPAULDING J. & SONS CO., P. O. Box 52, Tonawanda, N. Y.
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See adv index at end of book
WILMINGTON FIBRE SPECIALTY CO., Wilmington, Del.
See adv index at end of book

4682— *Fibre (Sheet)

See also Fibre, Hard

BETTES & EBSEN, 150 Chambers, New York *See adv index at end of book*
DELAWARE HARD FIBRE CO. (All Kinds), Wilmington, Del. Works: Marshallton, Del.
See adv index at end of book
National Fibre & Insulation Co., Yorklyn, Del.
Russell Specialty Mfg. Co., 317 S Clinton, Chicago, Ill. *See adv index at end of book*
SPAULDING J. & SONS CO., P. O. Box 52, Tonawanda, N. Y.
See adv index at end of book
WILMINGTON FIBRE SPECIALTY CO., Wilmington, Del.
See adv index at end of book

4682a— *Fibre (Specialties)

Russell Specialty Mfg. Co., 317 S Clinton, Chicago, Ill. *See adv index at end of book*

4683—*Fibre (Trunk & Suit Case)

See also Fibre, Hard

DELAWARE HARD FIBRE CO. Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*
National Fibre & Insulation Co., Yorklyn, Del.
WILMINGTON FIBRE SPECIALTY CO., Wilmington, Del.
See adv index at end of book

4683a— *Fibre (Tubes)

Elastoid Fibre Co., Waltham, Mass.
Russell Specialty Mfg. Co., 317 S Clinton, Chicago, Ill. *See adv index at end of book*

4684— *Fibre (Vulcanized)

American Vulcanized Fibre Co., 504 Equitable bldg, Wilmington, Del.
Brandywine Fibre Products Co., 815 Shipley, E Wilmington, Del .
Campbell Fibre Co., Stanton, Del.
Continental Fibre Co., Newark, Del.
DELAWARE HARD FIBRE CO., Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*
Diamond State Fibre Co., Bridgeport, Pa.
Die Cast Fibre Co., Wilmington, Del.
NATIONAL FIBRE & INSULATION CO. Yorklyn, Del.
ROGERS FIBRE CO. (Leatheroid Mfg. Co. ("Leatheroid"), 121 Beach, Boston, Mass. *See adv index at end of book*
Russell Specialty Mfg. Co., 317 S Clinton, Chicago, Ill. *See adv index at end of book*
SPAULDING J. & SONS CO., P. O. Box 52, Tonawanda, N. Y.
See adv index at end of book
Standard Fibre Co., Somerville, Mass.
WILMINGTON FIBRE SPECIALTY CO., Wilmington, Del.
See adv index at end of book

4685— Fids (Hand)

Hopper Wm. E. (Hickory), Paterson, N. J.
Stossel Carl & Co. (Hickory), Front Royal, Va.

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Spanjer Bros., ft Centre, Newark, N. J.

4688— Figures (Lead)

Wilcox, Crittenden & Co. (Also Cast Brass), Middletown, Conn.

4689—Filaments (Incandescent Lamp)

Filament Supply Co., Hoboken, N. J.
Independent Lamp & Wire Co., Weehawken, N. J.
Jackson Francis E., Orange, N. J.
Pick Richard Mfg. Co., 224 N Wells, Chicago, Ill.

4690— File Renewing

American File Renewing Co., 85 Kimball, Providence, R. I.

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Barker-Sweet Mfg. Co., 220 N. Y. av, Jamaica, N. Y.
Barnett G. & H. Co. ("Black Diamond"), 1076 Frankford av, Phila., Pa.
Bickhaus File Co. ("Gem City"), Quincy, Ill.
Breneman H. N. & Co., Lancaster, Pa.
Brohm & Molitor, 257 S Pearl, Albany, N. Y.
Buckeye Saw Mfg. Co. (Hand Cut), Columbus, O.
Campbell James F. & Son, 13 Frost, Brooklyn, N. Y.
Carver File Co. ("Delta"), 3231 Frankford av, Phila., Pa.
Champion File Works, New Haven, Conn.
Chatterton File Works, 38 Randall, Providence, R. I.
Chelsea File Works, Norwich, Conn.
Chicago File & Rasp Co., 111 W. Washington, Chicago, Ill.
Colonial File Co., Neponset, Boston, Mass.
Continental File Corp., Anderson, Ind.
Co-operative File Co., Lawrence, Mass.
Delta File Works ("Delta" Files), 3231 Frankford av, Phila., Pa.
Disston H. & Sons (Inc.), ("Keystone"), Tacony, Phila., Pa.
Dixon Wm. (Also Importers "Glardon" Swiss Files), 39 John, New York
Fairbanks Co. ("Fairbanks" Jobbers), 416 Broome, New York.
For branch offices see Alphabetical Section
Flanagan M. C., New Haven, Conn.
Graves File Co. (Hand Cut), 67 N. J. R. R. av, Newark, N J.
Grover File Co., Nashua, N. H.
Hayes File Co. (For Solder, Babbitt Metal, etc.), **474 Franklin, Detroit, Mich.**
Heller Bros. Co., 879 Mt. Prospect av, Newark, N. J.
Industry File Works, Cleveland, O.
Lewis File Mfg. Co., Beach City, O.
Lutz File Co., 806 B'way, Cincinnati, O.
Liveright Bros., 20th & Allegheny av, Phila., Pa.
McCaffrey File Co., 5th & Berks, Phila., Pa.
McClellan, Wm., 3444 Hamilton rd, Cleveland, O.
Madden & Morrison File Co., Middletown, N. Y.
Montgomery & Co. ("Grobet" Swiss, Imported), 105 Fulton, New York
Moore Bros., Jamestown, N. Y.
Murcott & Campbell, 296 Union av, Brooklyn, N. Y.
Niagara File & Rasp Co., Lockport, N. Y.
NICHOLSON FILE CO. ("Nicholson," "Kearney & Foot," "McClellan," "J. Barton Smith," "Eagle," "Arcade," "American," "Gt. Western," "X-F," Swiss Pattern Files, Providence, R. I.
See adv index at end of book
Pittsburgh Gage & Supply Co. ("Bestovall" Files), 30th & Liberty av, Pittsburgh, Pa.
Racine File Co. ("Badger"), Racine, Wis.
Rex File & Saw Co., Newcomerstown, O.
Reynolds Bros. (Hand Cut), Columbus, O.
Ridgeway James B., Gorham, Me.
Shannon Wm., Middletown, N. Y.
SIMONDS MFG. CO. ("Simonds," "Fitchburg"), Fitchburg, Mass.
See adv index at end of book
Stanley Calrow L. (Hand Cut Roll Files a Specialty), Lowell, Mass.
Stokes Bros Mfg. Co., Freehold, N. J.
Stubbs Steel Co., 17 N 5th, Phila., Pa.
Tacony File & Hardware Co. (Files), 6744 Wissinoming, Tacony, Phila., Pa.
Troy File Works ("Trojan," "Arrow"), Troy, N. Y.
Vixen Tool Co. ("Vixen" Patent Milling File), 50th & Lancaster av, Phila., Pa.

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You get a time-tested, guaranteed file—the result of over 50 years' experience devoted exclusively to file making, if it bears the familiar Nicholson trade mark.

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Nicholson File Co.

PROVIDENCE, R. I.

Westfahl File Co., 467 31st, Milwaukee, Wis.
Whitman & Barnes Mfg. Co. ("W. & B." Files), Akron, O.
See adv index at end of book

4692— Files (Aluminum)

Hayes File Co., 474 Franklin, Detroit, Mich.

4693— Files (Bill)

American Mfg. Concern (Board), Falconer, N. Y.
Globe-Wernicke Co., 25 Carthage av, Cincinnati, O.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Grey Iron Casting Co. (Letter, Paper, etc), Mt. Joy, Pa.
Jencks, E. Mfg. Co. (Brass), Worcester, Mass.
Nicol & Co., 218 N Jefferson, Chicago, Ill.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Roneo Co. ("Roneo for office, school or correspondence"), 117 Leonard, New York
Sargent & Co. (Paper), New Haven, Conn.
Wire Hardware Co., 6126 S La Salle, Chicago, Ill.
Wrightsville Hardware Co. (Stand Paper Files, Hanging, etc), Wrightsville, Pa.

4694— Files (Celluloid)

Parkes File Co., 117 Verona av, Newark, N. J.

4695— Files (Circular)

Hayes File Co. (For Aluminum, Babbitt & Other Soft Metals), 474 Franklin, Detroit, Mich.
Tacony File & Hardware Co., 6744 Wissinoming, Tacony, Phila., Pa.

4695a— Files (Coil)

NICHOLSON FILE CO. ("Spark"), Providence, R. I.
See adv index at end of book

4696— Files (Dental)

Dixon Wm., 39 John, New York
Hammond E. L. & Son, Sayre, Pa.
Tacony File & Hardware Co., 6744 Wissinoming, Tacony, Phila., Pa.

4697— Files (Filing Machine)

Parkes File Co., 117 Verona av, Newark, N. J.

4698—Files (Gas & Cigar Lighter)

Parkes File Co., 117 Verona av, Newark, N. J.
Tacony File & Hardware Co., 6744 Wissinoming, Tacony, Phila., Pa.

4699— Files (Horse Tooth)

Arcade Mfg. Co., Freeport, Ill.
Heller Bros. Co., 879 Mt. Prospect, Newark, N. J.
Horn Wm. H. & Bro., 451 N 3d, Phila., Pa.

4700— Files (Manicure)

Buchanan & Burns Co., 45 Austin, Newark, N. J.
Disston Henry & Sons, Tacony, Phila., Pa.
Dorpfeld Frederick W. Co., 24 Kipp, Newark, N. J.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Hammond E. L. & Son, Sayre, Pa.
Koch F. A. & Co., 524 B'way, New York
Overland Mfg. Co., 71 W 23rd, New York
Parkes File Co., 117 Verona av, Newark, N. J.
Schnefel Bros., 684 S 17th, Newark, N. J.

4701— Files (Milling)

Vixen Tool Co. ("Vixen"), 50th & Lancaster av, Phila., Pa.

4701a— Files (Nail)

The Arlington Works (du Pont E. I. de Nemours & Co.), 21 E 40th, New York

4702— Files (Roll)

Stanley Calrow L., Lowell, Mass.

4703— Files (Rotary)

Creasy Rotary Filer Co., The, Ballinger, Tex.
Parkes File Co., 117 Verona av, Newark, N. J.
Tacony File & Hardware Co., 6744 Wissinoming, Tacony, Phila., Pa.

4704— Files (Side)

Disston Henry & Sons, Tacony, Phila., Pa.
Tacony File & Hardware Co., 6744 Wissinoming, Tacony, Phila., Pa.

4705—Files ("Weed's Special" Blunt)

NICHOLSON FILE CO., Prrovidence, R. I.
See adv index at end of book

4706—Filing Cabinets & Devices

See also Blue Print Filing Cabinets
Adams Mfg. Co., 86 E Plumstead, Phila., Pa.
Allsteelequip Co. (Metal), Aurora, Ill.
Amberg File & Index Co., 1400 Fulton, Chicago, Ill.
American Bank Protection Co. (Steel), 1201 S 3d, Minneapolis, Minn.
American Clip Co., Beebe av, Long Island City, N. Y.
American Kardex Co. ("Kardex"), Tonadanda, N. Y.
Armorclad Mfg. Co. ("Armor Clad" Metallic), Canton, O.
Art Metal Construction Co. ("Art Metal" Sheet Steel), Jamestown, N. Y.
Art Metal Products Co., 514 S Green, Chicago, Ill
Automatic File & Index Co. (Automatic Vertical & Sectional), Green Bay, Wis.
Baker-Vawter Co. (Steel), Benton Harbor, Mich.
Berger Mfg. Co. (Steel), Canton, O.
Booth Mfg. Co. (Wood), Howard City, Mich.
Browne-Morse Co. (Wood), Muskegon Heights, Mich.
Caldwell Jos. S. ("Well's" Adjustable. Wood Only), Syracuse, N. Y.
Canton Art Metal Co. ("Steel"), Canton, O.
Clark W. J. Co. (Metallic), Salem, O.
Cleveland Metalcraft Co. (Steel), Cleveland, O.
Costmeter Co. ("Costmeter" Visible Index), 295 Franklin, Boston, Mass.
Cutler Desk Co. (Wood), Buffalo, N. Y.
Darby Edw. & Sons Co. ("Pen-Dar" Metallic), 239 Arch, Phila., Pa.
Derby Desk Co. (Wood), Somerville, Mass.
Dexter Metal Mfg. Co. (Metallic & Steel), 93 Arch, Camden, N. J.
Dick A. B. Co., 736 W Jackson bl, Chicago, Ill.
Diven Mfg. Co., Elmira, N. Y.
Edwards O. M. Co. ("Edwards" Steel), Syracuse, N. Y.
Estes E. B. & Sons (Card Index, Wood Cabinets), 364 5th av, New York
See adv index at end of book
Federal Steel Fixture Co. (Steel), 4545 Homer, Chicago, Ill.
Fielder & Allen Co. (Dealers), Atlanta, Ga
Fire-Proof Furniture & Construction Co (Metallic), Miamisburg, O.
General Fireprooffing Co. ("G. F. Allsteel," Metallic "U-Nettes," "Wydesteel"), Youngstown, O.
Globe-Wernicke Co. (Sectional Wood & Steel), 25 Carthage av, Cincinnati, O.
Gunn Furniture Co., Grand Rapids, Mich
Ideal Desk Co. (Wood), Auburn, Me.
Imperial Methods Co. (Cabinet Oak), 312 W Madison, Chicago, Ill.
Imperial Steel Cabinet Co. (Steel), 214 Fulton, Chicago, Ill.
Index Visible, Inc., 230 Grove, New Haven, Conn.
Invincible Metal Furniture Co., Manitowoc Wis.
Keyless Lock Co. (Steel), Indianapolis Ind.
Keller & Smith Co., 21 Howard, New York
Library Bureau (Metallic & Wood), 43 Federal, Boston, Mass.
Lundstrom C. J. Mfg. Co., Little Falls, N. Y.
Macey Co. (Wood & Steel), Grand Rapids, Mich.
Meilink Mfg. Co. (Steel), Toledo, O.
Melton-Rhodes Co. (Wood), Greensboro, N. C.
Ohmer's M. Sons Co., Dayton, O.
Otsego Power & Mfg. Co. (Wood), Otsego, Mich.
Rand Co., No Tonawanda, N. Y.
Rockwell-Barnes Co., 823 S Wabash av, Chicago, Ill.
Safe Cabinet Co. (Metallic), Marietta, O.
Shaw-Walker Co., Muskegon, Mich.
Shelbyville Desk Co. (Wood), Shelbyville, Ind.
Simonson Roger A. & Co., 122 S Michigan av, Chicago, Ill.
Steel Fixture Mfg. Co. (Metallic), Topeka, Kan.
U. S. Steel Furniture Co., Syracuse, N. Y.
Van Dorn Iron Works Co. (Steel), 2700 E 79th, Cleveland, O.
Vetter Mfg. Co. (Wood), Rochester, N. Y.
Vogt Peter A. Mfg. Co. (Wood & Steel), 24 Evans, Buffalo, N. Y.
Wabash Cabinet Co. (Wood), Wabash, Ind.
Wagemaker Co. (Wood), Grand Rapids, Mich.
Watson Mfg. Co. (Metallic), Jamestown, N. Y.
Weis Mfg. Co. ("Weis," Wood & Fibre), Monroe, Mich.
Wetzel P. A. Co., Rockford, Ill.
Yawman & Erbe Mfg. Co. (Steel & Wood) Rochester, N. Y.

4707— Fillers (Asphalt)

Barber Asphalt Paving Co. ("Genasco") Land Title bldg, Phila., Pa.
Byerly & Sons, 2489 W 4th, Cleveland, O.
General Roofing Mfg. Co., Boatman's Bank bldg., St. Louis, Mo.
International Asphalt Co. ("Cubanel"), 133 W. Wash., Chicago, Ill.
Lewis F. J. Mfg. Co. ("Lewis" Pitch for Brick, Granite & Creosote Block Pavement, 2513 S. Robey, Chicago, Ill.
Standard Asphalt & Rubber Co. ("Sarco," for Deadening & Waterproofing Brick & Block Pavements), 208 S La Salle, Chicago, Ill.
Standard Oil Co. of Cal., 200 Bush, San Francisco, Cal.
Standard Oil Co. ("Standard"), 72 W Adams, Chicago, Ill.
Standard Oil Co. of New York, 26 B'way, New York
Standard Oil Co. of Ohio, Cleveland, O.
Sun Co., Finance bldg, Phila., Pa.
Texas Co. ("Texaco," for Brick, Wood Block & Granite Pavements), Houston, Tex., & 17 Battery pl, New York
U. S. Asphalt Refining Co., 90 West, New York
Warner-Quinlan Asphalt Co., Syracuse, N. Y.

4708— Fillers (Barrel)

Cleveland Steam Gauge Co. ("Watson" Automatic), 1108 W 9th, Cleveland, O.
Kelso & Co. (Automatic), 559 W Quincy, Chicago, Ill.
Moran Flexible Steam Joint Co. (Automatic), Louisville, Ky.

4709— Fillers (Cake)

Sargent & Co. ("Anger's Perfect"), New Haven, Conn.

4710—Fillers (Can, Tomato Pulp Measuring)

U. S. Bottlers' Machinery Co., 1033 W Lake, Chicago, Ill.

4711— Fillers (Dry Battery)

Acheson Graphite Co. ("Acheson" Graphite), Niagara Falls, N. Y.

4712— Fillers (Egg Case)

Cherry J. G. Co., Cedar Rapids, Ia.
Crescent Paper Co., Marseilles, Ill.
North Star Egg Case Co., Quincy, Ill.
Piqua Cap Co., Piqua, O.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER

4713—Fillers (Engineers' Oil)

Consolidated Fruit Jar Co. (Brass, Copper & Zinc), New Brunswick, N. J.
Eagle Glass & Mfg. Co., Wellsburg, W. Va.
GEM MFG. CO. (Brass, Copper, Plated Steel & Brazed Seamed Steel), Goebel, nr Fulton, N S, Pittsburgh, Pa.
See adv index at end of book
Hall Mfg. Co., Harrison, N. J.
Hero Mfg. Co., Gaul & Adams, Phila., Pa.
Wall P. Mfg. Supply Co., 705 Preble av, N S, Pittsburgh, Pa.

4714— Fillers (Frog, Steel)

Illinois Steel Co., 208 S La Salle, Chicago, Ill.

4715— Fillers (Ice Can)

Burns, Jas. F., 713 Cherry, Phila, Pa.
Canton Paint & Glass Co. Canton, O.
Great Lakes Engineering Works (For Mfrs. of Artificial Ice, Automatic), Detroit, Mich.

Fillers (Iron Casting)

See Cement, Iron & Steel Filler

4715a—*(Fillers Iron & Steel Castings)

(See also Cements, Iron & Steel Filler)
Keystone Minerals Co., 41 Union sq., New York *See adv index at end of book*

KEYSTONE BLACK FILLER

For use in paints, on steel and iron castings. Carefully selected, evenly ground, and air-floated. The best low-priced filler in the market.

Made in three grades; Our No. 1 is finer and smoother than any made hitherto.

Samples and prices on request.

KEYSTONE MINERALS COMPANY
41 Union Square, New York

4716— Fillers (Iron & Steel)

Adams & Elting Co., 726 Washington blvd, Chicago, Ill.
BINSWANGER B. & CO., 827 N 3d, Phila., Pa.
Brown Chas. H. Paint Co., 188 Montague, Brooklyn, N. Y.
Felton, Sibley & Co., 136 N 4th, Phila., Pa.
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
Gilman Paint & Varnish Co., Chattanooga, Tenn.
Grogan H. F. & Co., 2113 E Sergent, Phila., Pa.
Indianapolis Paint & Color Co. ("Capital City"), Indianapolis, Ind.
Keystone Paint & Filler Co., Muncy, Pa.
King Paint Mfg. Co. (Iron), 449 Kent av, Brooklyn, N. Y.
Lawrence-McFadden Co., 1400 Frankford, Phila., Pa.
Lawrence W. W. & Co., W. Carson, Pittsburgh, Pa.
Lucas John & Co., 322 Race, Phila., Pa.
Masury John W. & Son, 50 Jay, Brooklyn, N. Y.
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
Nice Eugene E., 272 S 2d, Phila., Pa.
See adv index at end of book
Patton Paint Co. ("James," "Patton"), Milwaukee, Wis.
Pecora Paint Co., 4th & Sedgley av, Phila., Pa.
Pyramid Paint Co., 133 N 22d, Phila., Pa.
Richmond Bros., 611 Main, Cincinnati, O.
St. Paul White Lead & Oil Co., Water & Starkey, St. Paul, Minn.
Sherwin-Williams Co., Cleveland, O.
Smith Edw. & Co., 127 W. av, Long Island City, N. Y.
Suydam M. B. Co., 61st & Butler, Pittsburgh, Pa.
U. S. Gutta Percha Paint Co. ("Rice's," Corliss, Vulcan), 12-30 Dudley, Providence, R. I.
Wadsworth-Howland Co., 225 N Carpenter, Chicago, Ill.
Wilbur J. Co. (Iron), Office, Providence, R. I.
Wilhelm A. Co. (Liquid & Paste), Reading, Pa.

4717— *Fillers (Machine)

NICE EUGENE E., 272 S 2d, Phila., Pa.
See adv index at end of book

Fillers (Oil)

See Fillers, Engineers' Oil

4718— Fillers (Paint)

Boston Varnish Co., Everett Station, Boston, Mass.
International Silica Co., Cairo, Ill.
Keystone Paint & Filler Co. ("Keystone," Black), Muncy, Pa.
Keystone Minerals Co., 41 Union sq., New York *See adv index at end of book*
NICE EUGENE E., 272 S 2d, Phila., Pa.
See adv index at end of book
St. Louis Surfacer & Paint Co. ("Metal-Steel"), Arlington & Terminal Belt Line, St. Louis, Mo.
Wainwright John C., Spring City, Pa.

4719—Fillers (Paper & Linoleum)

Macneal James B. & Co., Warner & Wooster, Baltimore, Md.
Solvay Process Co. ("Crown" Paper), Syracuse, N. Y., Hutchinson, Kan. & Detroit, Mich.

4720— Fillers (Rope)

Chemical & Engineering Co. ("Red Dragon" for Belts & Rope Drivers), Watertown, N. Y.
Ironsides Co. ("Ironsides" for Wire & Fibre Rope), Columbus, O.
Ohio Filler & Shield Co., 522 City av, Columbus, O.

4721— Fillers (Silo)

Appleton Mfg. Co. ("Appleton"), Batavia, Ill.
Ironwood Mfg. Co. ("Cyclone"), Bellefontaine, O.
Kalamazoo Tank & Silo Co., Kalamazoo, Mich.
Silver Mfg. Co. ("Ohio"), Salem, O.

4721a—*Fillers (Trench Back)

Keystone Driller Co., Beaver Falls, Pa.

4722— Fillers (Wood)

Acme White Lead & Color Works, Detroit, Mich.
Adams & Elting Co. ("Ad-el-ite" Liquid **& Paste), 726 Washington blvd, Chi**cago, Ill.
Akron Varnish Co. (Liquid), Akron, O.
Allentown Mfg. Co. (Paste), Allentown, Pa.
Andersen Specialty Co. (Water Putty), 6 E. Lake, Chicago, Ill.
Armitage Jno. L. & Co., 54 Dawson, Newark, N. J.
Atlantic Drier & Varnish Co., Meadow & Wolf, Phila., Pa.
Blood T. L. & Co., 413 Wacouta, St. Paul, Minn.
Boydell Bros. White Lead & Color Co., Detroit, Mich.
Bradford Jas. Co., 8 E 3d, Wilmington, Del.
Bridgeport Wood Finishing Works (Du Pont) ("Wheeler's"), Philadelphia, Pa.
Brown Chas. H. Paint Co., 188 Montague, Brooklyn, N. Y.
Buckeye Paint & Varnish Co., Toledo, O.
Buffalo Oil, Paint & Varnish Co., Buffalo, N. Y.
Burdsal A. Co., Indianapolis, Ind.
Calman Emil & Co. ("Calman's Silex" Paste), 100 William, New York
Cambria Paint & Color Co., Ltd., Johnstown, Pa.
Canton Paint & Glass Co., Canton, O.
Chase Roberts Co. ("Kismet"), West av, Long Island City, N. Y.
Chesapeake Oil Co., Stockholm & Russell, Baltimore, Md.
Chicago Wood Finishing Co., 1309 Sloan, Chicago, Ill.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Eagle Paint & Varnish Co., N S, Pittsburgh, Pa.
Educational Film Corp'n, 729 7th av, New York
Felton, Sibley & Co., 136 N 4th, Phila., Pa.
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
Franche C. E. & Co., 440 Orleans, Chicago Ill.
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
Gilman Paint & Varnish Co. (Liquid & Paste), Chattanooga, Tenn.
Glidden Varnish Co. ("Puritan" Liquid "Jap-a-lac"), 1755 W Madison, Cleveland, O.
Gold Metal Polish Co. (Paste), Racine, Wis.
Graves N. Z. Corp., 22 S 3d, Phila., Pa.
Grippin Mfg. Co., Newark, N. Y.
Grogan H. F. & Co., 2113 E Sergeant, Phila., Pa.
Harrison Works (Du Pont), 35th & Grays Ferry rd, Phila., Pa.
Howell Chas. H. & Co., 212 Race, Phila., Pa.
Indianapolis Paint & Color Co. ("Capital City"), Indianapolis, Ind.
International Silica Co., Cairo, Ill.
Jamestown Wood Finishing Co., Jamestown, N. Y.
Kroeger Bros., 880 McKim, Baltimore, Md.
Lancaster Paint & Glass Co., Lancaster, Pa.
Lawrence W. W. & Co., W Carson, Pittsburgh, Pa.
Lawrence-McFadden Co., 1400 Frankford, Phila., Pa.
Lincoln Paint & Color Co. ("Paragon"), Lincoln, Neb.
McCloskey Varnish Co., 30th & Locust, Phila., Pa.
Marietta Paint & Color Co., Marietta, O.
Masury John W. & Son, 50 Jay, Brooklyn, N. Y.
Mayer & Loewenstein ("Flint Filler"), 164 Water, New York
Mepham G. S. & Co., 20th & Lynch, East St. Louis, Ill.
Miami Valley Paint Co., Dayton, O.
Moller & Schumann Co., Marcy av, Brooklyn, N. Y.
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
Murphy Varnish Co. (Liquid & Mineral Paste), McWhorter, Newark, N. J.
NICE EUGENE E. ("Nice"), **272 S 2d, Phila., Pa.** *See adv index at end of book*
O'Brien Varnish Co. ("Adamantian"), South Bend, Ind.
Patton Paint Co. ("Tector"), Milwaukee, Wis.
Phoenix Paint & Varnish Co., 124 Market, Phila., Pa.
Pomerroy & Fischer, 95 Madison av, New York
Pyramid Paint Co., 133 N 22d, Phila., Pa.
Richmond Bros. ("Save-a-Coat"), 616 Main, Cincinnati, O.
Rutland Fire Clay Co. ("Rutland"), Rutland, Vt.
St. Louis Surfacer & Paint Co., Arlington & Terminal Belt Line, St. Louis, Mo.
St. Paul White Lead & Oil Co., Water & Starkey, St. Paul, Minn.
Sherwin-Williams Co., Cleveland, O.
Shoemaker R. & Co., 4th & Race, Phila., Pa.
Smith Edw & Co., 127 West av, Long Island City, N. Y.
Spiritine Chemical Co., Wilmington, N. C.
Suydam M. B. Co., 61st & Butler, Pittsburgh, Pa.
THOMSON WOOD FINISHING CO., 827 N 3d, Phila., Pa.
See adv index at end of book
Thurston F. W. Co., 1832 S Clark, Chicago, Ill.
Ullman-Philpott Co., 4805 Lexington, Cleveland, O.
Valentine & Co., 456 4th av, New York
Wadsworth-Howland & Co. ("Bay-State"), 141 Federal, Boston, Mass.
Waterall Wm. & Co., Front & Mechanic, Phila., Pa.
Waterproof Paint Co., Watertown, Mass.
Whitehead Paint Co., 702 W 48th, New York
Woodhouse Sam'l F. (Liquid & Paste), Unity & Franklin, Phila., Pa.

4722a— Fillet (Emery)

Stiles H. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

4723— Fillet (Patternmakers')

Benskin Mfg. Co. (Leather & Wood), Canton, O.
Brodin Pattern & Supply Works (Wood & Composition), 2418 W 16th, Chicago, Ill.
Cleveland Galvanizing Works Co. (Leather & Wood), 3924 Cooper av, Cleveland, O.
Knight H. W. & Son (Leather & Wood), Seneca Falls, N. Y.
Nott W. S. Co. (Leather), 2d av N & 3d, Minneapolis, Minn.
Oliver Machinery Co., Grand Rapids, Mich.
Page Belting Co. (Leather & Wood), Concord, N. H.
Risbridger Fillet Co. (Patent Paper & Pulp), 5415 St. Clair av, Cleveland, O.
Shanafelt Mfg. Co. ("Belding" Leather, Obtuse Angle Wood), Canton, O.
Tennison G. E. (Leather), 134 W 3d, Cincinnati, O.
Timmis & Clissold (Leather & Wood), Bound Brook, N. J.
Wellman Pattern Supply Co. ("Crescent" Wood & Leather), Cleveland, O.

4724—Fillings (Chemical Tower)

See also Stoneware, Chemical

Graham Chas. Chemical Pottery Wks., 986 Met. av, Brooklyn, N. Y.
Weeks Arthur J., Akron, O.

4725—Films (Moving Picture)

See also Moving Picture Machines

American Film Co., 6227 B'way, Chicago, Ill.
American Standard Motion Picture Machine Co., 261 W. 36th, New York
Biograph Co., 807 E 175th, New York
Broncho Motion Picture Co., 1476 Broadway, New York
Edison Thomas A., Orange, N. J.
Essanay Film Mfg. Co., 1333 Argyle, Chicago, Ill.
Famous Players Film Co., 130 W 56th, New York
Gaumont Co., Congress av, Bklyn, N. Y.
German-American Cinematograph & Film Co., 219 2d av, New York
Kalem Co., 235 W 23rd, New York
Kansas City Motion Picture Co. (Advertising Cartoons), 1017 Central av, Kansas City, Mo.
Kansas City Slide Co. (Advertising Cartoons), 1017 Central av, Kansas City, Mo.
Keystone Film Co., 1459 Broadway, New York
Kinemacolor Co. of Am., 1600 Broadway, New York
Kleine Geo., 63 E Adams, Chicago, Ill.
Lubin Mfg. Co., Indiana & 20th, Phila., Pa.
Miles Bros. (Advtg., Industrial & Educt'l), 1145 Mission, San Francisco, Ill.
Motionscope Co., 107 S Capitol av, Indianapolis, Ind.
N. Y. Motion Picture Corp., 1459 Broadway, New York
Pathe Exchange, 25 W 45th, New York
Power Nicholas Co., 90 Gold, New York
Precision Machine Co., 317 E 34th, New York
Selig Polyscope Co., 58 E Wash., Chicago, Ill.
Thanhouser Film Corp., New Rochelle, N. Y.
Universal Film Mfg. Co., 1600 Broadway, New York
Vitagraph Co. of Am., E 15th, Brooklyn, N. Y.
World Film Corp., 126 W 46th, New York

4725a— Filter Mass

ANGEL H. REEVE & CO., INC., 7 Spruce, New York
Asbestos Textile Co., 233 B'way, New York

Filter Presses

See Presses, Filter

4725b—Filter Mass (Asbestos)

DANUBIL CO., INC. ("Danubest") (For Chemicals, Acids, etc.), Postal Telegraph bldg, New York

Filter Sacks

See Bigs, Filters

4725c— Filtering Materials

ANGEL H. REEVE & CO., INC., 7 Spruce, New York

4726—Filtering & Purifying Plants Installed

See also Water Softening & Purifying Apparatus

American-Water Softener Co. ("American"), 10th & Chestnut, Phila, Pa.
Bowser S. F. & Co., Ft. Wayne, Ind.
Dodge Sales & Engineering Co. ("Eureka"), Mishawaka, Ind.
Hammond Engineering Co. (Water, Sewages, etc), Warren, Pa.
Hygeia Filter Co., 338 Denton, Detroit, Mich.
International Filter Co., 38 S Dearborn, Chicago, Ill.
New York Continental Jewell Filtration Co., Nutley, N. J.
Norwood Engineering Co., Florence, Mass.
Pittsburgh Filter Mfg. Co., Farmers' Bk. bldg, Pittsburgh, Pa.
Richmond Water Softener Co. ("Fetta" Hot or Cold Process), Richmond, Ind.
Roberts Filter Mfg. Co., 6th & Columbus av, Darby, Phila., Pa.
SCAIFE WM. B. & SONS CO. ("Scaife" & "We-Fu-Go" Systems), First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Standard Water Systems Co., ("Tripure"), Hampton, N. J.

4727—Filters (Acetylene Gas)

Western Brass Mfg. Works, Marshall bl & W 21st, Chicago, Ill.

4728— Filters (Air)

Eclipse Air Brush Co., 79 Orange, Newark, N. J.

4729— Filters (Ale & Beer)

Kiefer Karl Machine Co., 919 Martin, Cincinnati, O.
Loew Mfg. Co. ("Loew"), 9100 Madison av N. W, Cleveland, O.
Zahm Mfg. Co., 79 E Jewett av, Buffalo, N. Y.

4729a— Filters (Automatic)

OLIVER CONTINUOUS FILTER CO. ("Oliver"), 503 Market, San Francisco., Cal., & 299 Madison av, New York

4730-1— Filters (Bag)

American Felt Co., 100 Summer, Boston, Mass.
Conklin H. R., Joplin, Mo.
Cresson-Morris Co., Allegeny & 18th, Phila,. Pa.
Haubtman & Loeb Co. (Ltd.), 717 Magazine, New Orleans, La.
Kilby Mfg. Co., Cleveland, O.
Murphy John H., 643 Magazine, New Orleans, La.
Squier Geo. L. Mfg. Co., Buffalo, N. Y.

4732—Filters (Carbon, For Gas Works)

Oliver Continuous Filter Co. ("Oliver"), 503 Market, San Francisco, Cal., & 299 Madison av, New York

4733— Filters (Charcoal)

Griscom-Russell Co., 92 West, New York
See adv index at end of book
Hygeia Filter Co., 338 Denton, Detroit, Mich.
International Filter Co., 38 S Dearborn, Chicago, Ill.
Loomis-Manning Filter Mfg. Co., 1421 So 37th, Phila., Pa.
New York Continental Jewell Filtration Co., Nutley, N. J.
Pittsburgh Filter Mfg. Co., Farmers' Bk. bldg, Pittsburgh, Pa.
Roberts Filter Mfg. Co., 6th & Columbus av, Darby, Phila., Pa.
SCAIFE WM. B. & SONS CO. (Combination Charcoal & Sand), First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York.
See adv index at end of book
Triumph Ice Machine Co., Oakley, Cincinnati, O.

4734— Filters (Clarifying)

Industrial Filtration Corp., 115 B'way, New York
Johnson John Co., 203 37th, B'klyn, N. Y.
Merrill Metallurgical Co. ("Merrill' Sluicing), 121 2d, San Francisco, Cal.
Metal Specialty Mfg. Co. ("Wamsco," "Waterbury"), Waterbury, Conn.
See adv index at end of book
Oliver Continuous Filter Co. ("Oliver"), 503 Market, San Francisco, Cal., & 299 Madison av, New York

4735— *Filters (Concentrate)

Oliver Continuous Filter Co. ("Oliver"), 503 Market, San Francisco, Cal., & 299 Madison av, New York

Filters (Cyanide)

See Filters, Slime

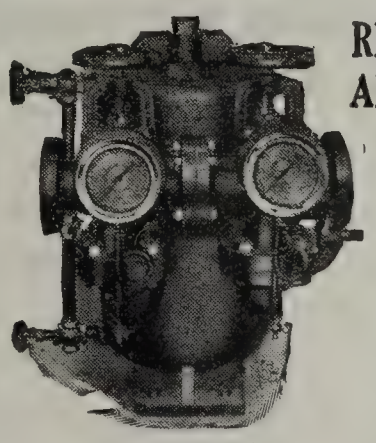
4736— Filters (Faucet)

Bohner Mfg. Co., 1009 S Wabash av, Chicago, Ill.
Champion Hardware Co. ("Champion," Germ Proof), Geneva, O.
Haydenville Co., Haydenville, Mass.
Houchin Thos. W. Co. ("Houchin," Reversible), 36 E 12th, New York
Hygeia Filter Co., 338 Denton, Detroit, Mich.
Jones Mfg. Co., 243 Franklin, Boston, Mass.
Landers, Frary & Clark ("Crown"), New Britain, Conn.
Loeber Hy G. Co., 151 E 126th, New York
Roberts Filter Mfg. Co., 6th & Columbus av, Darby, Phila., Pa.
Sternau S. & Co. (Reversible), 35 Gold, Brooklyn, N. Y.
Union Filter & Novelty Co. ("Pur-o-tis"), 73 Franklin, New York

4737— Filters (Feed Water)

See also Water Softening & Purifying Plants

Acton John ("Nelson"), 118 John, Brooklyn, N. Y.
American Steam Gauge & Valve Mfg. Co. ("American"), 208 Camden, Boston, Mass.
American-Water Softener Co. ("American), 10th & Chestnut, Phila., Pa.
Baragwanath Wm. & Son, 53 W Jackson blvd, Chicago, Ill.
Blackburn-Smith Corp., 109 W 40th, New York
Boston Steam Specialty Co., 332A, Boston, Mass.
Dover Boiler Works, Sales Office, 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Elliott Company, Pittsburgh, Pa.
General Engineering Co., 717 S Front, Phila., Pa.
GRISCOM-RUSSELL CO. ("Reilly Multiscreen" Feed Water Filter & Grease Extractor), 92 West, New York
See adv index at end of book



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92 West Street New York

Hygeia Filter Co., 338 Denton, Detroit, Mich.
International Filter Co., 38 S Dearborn, Chicago, Ill.

FILTERS (FEED WATER)—continued

Keystone Chemical Co., 2222 N Marshall, Phila., Pa.
Loomis-Manning Filter Mfg. Co., 1421 S 37th, Phila., Pa.
McNally Robt. J., 5618 Germantown av, Phila., Pa.
New York Continental Jewell Filtration Co., Nutley, N. J.
Norwood Engineering Co., Florence, Mass.
Pastur-Chamberland Filter Co., Ray & Dalter, Dayton, O.
Pittsburgh Filter Mfg. Co., Farmers' Bk. bldg, Pittsburgh, Pa.
Platt Iron Works Co., Dayton, O.
Red Cross Filter Co., 186 W Washington, Chicago, Ill.
Roberts Filter Mfg. Co., 6th & Columbus av, Darby, Phila., Pa.
Ross Valve Mfg. Co. ("Railton-Campbell"), 9 Oakwood av, Troy, N. Y.
See adv index at end of book
ROW & DAVIS ENGNRS, INC. ("R. & D."), 90 West, New York
See adv index at end of book
SCAIFE WM. B. & SONS CO., First National Bk. bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Standard Water Systems Co., Hampton, N. J.

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90 West Street, New York 14

4738— Filters (Gasoline)

American Oil Pump & Tank Co. ("American"), Finlay & Dalton, Cincinnati, O.
Bowser S. F. & Co., Fort Wayne, Ind.
GILBERT & BARKER MFG. CO. ("Gilbert & Barker"), Springfield, Mass.
See adv index at end of book
Liddle Frank M., 3021 S Michigan blvd, Chicago, Ill.
Tokheim Mfg. Co., Cedar Rapids, Ia.

4739—Filters (Gravity & Pressure)

Cummings Filter Co. (Pressure Only), 2701 Liberty av, Pittsburgh, Pa.
Field Force Pump Co. ("Carter's" Pressure Only), Elmira, N. Y.
HAMMOND IRON WORKS, Warren, Pa.
See adv index at end of book
Hygeia Filter Co., 338 Denton, Detroit, Mich.
International Filter Co., 38 S Dearborn, Chicago, Ill.
Loomis-Manning Filter Mfg. Co., 1421 S 37th, Phila., Pa.
New York Continental Jewell Filtration Co., Nutley, N. J.
Norwood Engineering Co., Florence, Mass.
Pittsburgh Filter Mfg. Co., Farmers' Bk. bldg, Pittsburgh, Pa.
Roberts Filter Mfg. Co., 6th & Columbus av, Darby, Phila., Pa.
SCAIFE WM. B. & SONS CO., First National Bk. bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

4739a— Filters (Industrial)

OLIVER CONTINUOUS FILTER CO. ("Oliver"), 503 Market, San Francisco, Cal., & 299 Madison av, New York

4740— Filters (Mash)

Freund H. H. ("S. B. & B."), 154 W 18th, New York

4741—Filters (Mechanical, Sugar)

Dyer Co., Cleveland, O.
Hassell Iron Works Co., Colorado Springs, Colo.
Joubert & Goslin Mach. & Fdy. Co., Birmingham, Ala.
Kilby Mfg. Co., Cleveland, O.
Krajewski-Pesant Corp., 54 Beard, Brooklyn, N. Y.
Loomis-Manning Filter Mfg. Co., 1421 S 37th, Phila., Pa.
Oliver Continuous Filter Co. ("Oliver"), 503 Market, San Francisco, Cal., & 299 Madison av, New York
Perrin Wm R. & Co., Old Colony bldg, Chicago, Ill.
Shriver T. & Co., Harrison, N. J.
Stearns-Roger Mfg. Co., Denver, Colo.

4742— Filters (Oil)

Acton John ("Nelson"), 118 John, Brooklyn, N. Y.
Akron Belting Co. ("Krotz"), Akron, O.
ANDERSON V. D. CO. ("Anderson"), W 96th, Cleveland, O.
See adv index at end of book
Bayer Steam Soot Blower Co., St. Louis, Mo.
Blaw-Knox Co., Farmers Bank bldg, Pittsburgh, Pa.
Boston Steam Specialty Co. ("Fleur-de-Lis"), 332 A, Boston, Mass.
Bousman Mfg. Co., Grand Rapids, Mich.
Bowser S. F. & Co., Fort Wayne, Ind.
Burke Furnace Co. ("Burke"), 223 W Austin av, Chicago, Ill.
Burt Mfg. Co. ("Cross," "Warden," "American," "Burt"), 40 Main, Akron, O.
Canton Grate Co. ("Canton"), Canton, O.
Capitol Brass Works, Detroit, Mich.
Chesterton A. W. Co. ("Chesterton") 64 India, Boston, Mass.
Collins Mfg. Co., Ltd. ("Dixie" Automatic Oiling System), 612 Chestnut, Phila., Pa.
COLONIAL SUPPLY CO., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Columbiana Boiler Co., Columbiana, O.
Day Co. ("Bryant" Automatic), 1004 Lyndale, Minneapolis, Minn.
Elliott Co. ("Liberty"), Pittsburgh, Pa.
Famous Filter Co., 308 N Commercial, St. Louis, Mo.
Flower Walter L. Co. ("Acme"), 307 S 8th, St. Louis, Mo.
Gallaway G. W. ("Economy"), 322 Pearl New York
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
Hall Mfg. Co. ("Hall," "Bartow Duplex," for Waste Oil), Harrison, N. J.
Handlan-Buck Mfg. Co. ("Superior"), 210-14 N 3rd, St. Louis, Mo.
Houghton E. F. & Co. (The "Houghton"), 240 W Somerset, Phila., Pa.
Hunt E. J. Mfg. Co. (For Transformers), Newark, N. J.
Jarecki Mfg. Co. (Automatic Pressure), Erie, Pa.
Johnson John Co., 203 37th, Brooklyn, N. Y.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
National Separator & Machine Co. (Combined Separator & Filter), Concord, N. H.
National Valve & Mfg. Co., 31st & Liberty, Pittsburgh, Pa.
Northrop Lubricating Oil Co. ("Famous"), 308 N Commercial av, St. Louis, Mo.

NUGENT, WM. W. & CO., 146 W. Superior, Chicago, Ill.
See adv index at end of book

Nusbaum F. A. ("Columbus"), 219 Ruffner, Lockland, O.
OIL & WASTE SAVING MACHINE CO. (Turbine Centrifugal), Real Estate Trust bldg, Phila., Pa.
Peirce Adams T. & Co., Dover, N. H.
Pittsburgh Gage & Supply Co. ("White Star"), 30th & Liberty av, Pittsburgh, Pa.
Pittsburgh Sheet Metal Co., S 20th & Wharton, Pittsburgh, Pa.
Richardson-Phenix Co. ("Richardson," "Phenix," "Peterson" Power Plant & Small Hand), 122 Reservoir av, Milwaukee, Wis.
Sexton Can Co. ("Sexton's" Improved), 228 Franklin, Boston, Mass.
Sims Co. ("Sims"), 18th & Whitley av, Erie, Pa.
Turner Oil Filter Co. ("Turner"), Niles, Mich.
United Filters Corp. (The "Ten Winkel" Oil & Water Filter & Extractor), Felt bldg, Salt Lake City, Utah
Wieben John Co., 2051 Lexington av, New York
Wisconsin Foundry & Machine Co. ("Badger"), Madison, Wis.
Wright Mfg. Co., 97 Woodbridge, W Detroit, Mich.

Filters (Oil, from Metal Chips)

See Separators, Centrifugal

4743— Filters (Oil Refiners')

HAMMOND IRON WORKS, Warren, Pa.
See adv index at end of book
Struthers-Wells Co., Warren, Pa.
See adv index at end of book

Filters (Pressure)

See Filters, Gravity & Pressure

4744— Filters (Rain Water)

Corrugated Metal Co., Emporia, Kans.
Lee Thos Co. (Strainers for Rain Water), 129 W 2d, Cincinnati, O.

4744a— *Filters (Salt)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

4745— Filters (Sand)

American-Water Softener Co., 10th & Chestnut, Phila., Pa.
Hygeia Filter Co., 338 Denton, Detroit, Mich.
International Filter Co., 38 S Dearborn, Chicago, Ill.
Kilby Mfg. Co., Cleveland, O.
Loomis-Manning Filter Mfg. Co., 1421 S 37th, Phila., Pa.
New York Continental Jewell Filtration Co., Nutley, N. J.
Norwood Engineering Co., Florence, Mass.
Oliver Continuous Filter Co. ("Oliver"), 503 Market, San Francisco, Cal., & 299 Madison av, New York
Pittsburgh Filter Mfg. Co., Farmers Bk. bldg, Pittsburgh, Pa.
Remmers B. & Sons (Automatic, for Sugar, Glucose & Chemical Liquors, etc.), 1227 Germantown, Philadelphia, Pa.
Roberts Filter Mfg. Co., 6th & Columbus av, Darby, Pa.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

4746— Filters (Slime)

Chalmers-Williams Mfg. Co. ("Burt" Rapid & Revolving Cyanide Filters), 1461 Arnold, Chicago Heights, Ill.
Colorado Iron Works Co. ("Portland"), Denver, Colo.
General Filtration Co., Rochester, N. Y.
Hammond Iron Works, Warren, Pa.
See adv index at end of book
Kelly Co. ("Kelly"), Salt Lake City, Utah
Merrill Metallurgical Co. ("Merrill" Automatic Sluicing Pressure), 121 2d, San Francisco, Cal.
Moore Filter Co. ("Moore," Displacement Process), 43 Exchange pl, New York
Oliver Continuous Filter Co. ("Oliver"), 503 Market, San Francisco, Cal., and 299 Madison av, New York
Taylor Fdry & Engng. Co. (Vacuum), Grass Valley, Cal.

4747— Filters (Tea & Coffee)

Hamblin & Russell Mfg. Co. ("Triumph"), Worcester, Mass.
Silex Co. ("Silex"), 45 High, Boston, Mass.

4748— Filters (Tripoli)

Federal Filter Co. ("National"), 1364 Grand av, Chicago, Ill.
Hygeia Filter Co., 338 Denton, Detroit, Mich.
Roberts Filter Mfg. Co., 6th & Columbus av, Darby, Phila., Pa.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Seneca Tripoli Co. ("Seneca Standard," "Syphon Filters," Plug & Drip Filter Stones), Pierce bldg, St. Louis, Mo.

Filters (Vacuum)

See Filters, Slime

Filters (Waste Oil)

See Filters, Oil

4749— Filters (Water)

See also Filters, Feed Water

Advance Mfg. Co., Erie, Pa.
Allen Filter Co., Toledo, O.
American Filter Co. ("Noxall"), 665 Buffum, Milwaukee, Wis.
American Sterilizer Co., Erie, Pa.
American-Water Softener Co., 10th & Chestnut, Phila., Pa.
Atlantic Filter Co. ("Paddock"), Marine Nat'l Bank bldg, Buffalo, N. Y.
Berkefeld Filter Co. (A. Giese), 4 Cedar, New York
Bishop-Babcock-Becker Co. ("Eureka"), Cleveland, Ohio
Booth L. M. Co., 56 Hudson, Jersey City, N. J.
Boston Filter Co. ("Boston" Water Purifier), Chelsea, Mass.
Buffalo Mfg. Co., Buffalo, N. Y.
Buhring Water Purifying Co., 68 Murray, New York
Butler Mfg. Co., Kansas City, Mo.
Centadrink Filters Co., 1440 B'way, New York
Champion Hardware Co. ("Champion" Germ Proof), Geneva, O.
Cleveland Stamping & Tool Co. (Enameled), Cleveland, O.
Consolidated Filters Co., 136 W 65th, New York
Cummings Filter Co. (Bone Black Only), 2701 Liberty av, Pittsburgh, Pa.
Everson Filter Co., 70 W Lake, Chicago, Ill.
Federal Filter Co. ("National"), 1364 Grand av, Chicago, Ill.
Field David W., Builders' Exchange, Phila., Pa.
Fulper Pottery Co. (Portable Natural Stone, Germ Proof), Flemington, N. J.
General Engineering Co., 717 S Front, Phila., Pa.
Goade Water Filter & Purifier Mfg. Co., Allentown, Pa.
Griscom-Russell Co. ("Reilly" Aerating Charcoal), 92 West, New York
See adv index at end of book
Hungerford & Terry (Inc.) (Hungerford" Filters for Mills), Penna. bldg, Phila., Pa.
Hygeia Filter Co., 338 Denton, Detroit, Mich.
International Filter Co., 38 S Dearborn, Chicago, Ill.
Imperial Filter Mfg. Co., 1405 Olive, St. Louis, Mo.
Jewell Engineering Co. (Turbine Wash, "Quartz"), Monadnock blk, Chicago, Ill.
Jewell Engng. Co., 53 W Jackson blvd.
Jones Mfg. Co. ("Gem," "Hub," "Modern," "Mystic"), 243 Franklin, Boston, Mass.
Joslyn Filter Co., 63 5th av, New York
Knoble Filter Co., 1587 Clybourn av, Chicago, Ill.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Loomis-Manning Filter Mfg. Co. ("Baltimore," "Federal," "Manhattan"), 1421 S 37th, Phila., Pa.
Moore & White Co. ("Fullner" for Paper & Pulp Mills), N 15th & Lehigh av, Phila., Pa.
National Separator & Machine Co., Concord, N. H.
New York Continental Jewell Filtration Co., Nutley, N. J.
Norwood Engineering Co. (Filters for Houses, Mills & Cities), Florence, Mass.
Pittsburgh Filter Mfg. Co., Farmers' Bk. bldg, Pittsburgh, Pa.
Progressive Iron Foundry & Machine Co. ("Purity"), Haydenville, Mass.
Rapid Safety Filter Co., 92 Pine, New York
Reisert Automatic Water Purifying Co., 23 E 26th, New York
Rex Filter Co., 6 Cedar, New York
Roberts Filter Mfg. Co. (For Every Purpose), 6th & Columbus av, Darby, Phila., Pa.
SCAIFE WM. B. & SONS CO. (For Dwellings, Hotels, Hospitals, etc.), First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Union Filter & Novelty Co. ("Disc Felt Neptune"), 73 Franklin, New York
United Filters Co., Salt Lake City, Utah
Van Valkenburg L. D. ("Van Valkenburg's"), Holyoke, Mass.
Watson N. A., Erie, Pa.
Welsh Wm. ("Star"), 2733 Arbor av, Hyde Pk., Cincinnati, O.
Wetherill R. & Co. (For Water Works), Chester, Pa.

4750—Filters (Water, Portable)

Aquapura Filter Mfg. Co., St. Louis, Mo.
Buffalo Mfg. Co., Buffalo, N. Y.
Deane E. L. Machine Co. ("Wilson" House), Holyoke, Mass.
Hygeia Filter Co., 338 Denton, Detroit, Mich.
International Filter Co., 38 S Dearborn, Chicago, Ill.
Linke T. ("Acorn," "Advance," Stone Tub Pressure), 235 W 46th, New York

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See Filters, Faucet

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4752— Finders (Center)

Goodell-Pratt Co., Greenfield, Mass.
Toledo Pipe Threading Machine Co. ("Toledo" for Plumbers & Steam Fitters), 1440 Summit, Toledo, O.
West Haven Mfg. Co. ("Sure"), West Haven, Conn.

4753— Finders (Trouble)

American Electric Co. ("Sonoscope"), 6401 S State, Chicago, Ill.
Baylis Co. (Locophone), Bloomfield, N. J.
Pilling G. P. & Son Co. ("Phonedoscope"), 23d & Arch, Phila., Pa

4754— Finger Cots (Rubber)

Canton Rubber Co., Canton, O.
Davidson Rubber Co., Boston, Mass.
Davol Rubber Co., 69 Point, Providence, R. I.
Faultless Rubber Co., Ashland, O.
Goodrich B. F. Co., Akron, O.
Miller Rubber Co., Akron, O.
Parker-Stearns & Co. (Pure Para), 286 Sheffield av, Brooklyn, N. Y.
Realty Rubber Co., Massillon, O.
Rubber Products Co., Barberton, O.
Seamless Rubber Co., New Haven, Conn.
Tyer Rubber Co., Andover, Mass.

4754a— Finger Rests

The Arlington Works (du Pont E. I. de Nemours & Co., 21 E 40th, New York

4755— Fingers (Controller)

Eureka Co., North East, Pa.

4756— Finish (Caen Stone)

United States Gypsum Co., 205 W. Monroe, Chicago, Ill.

Finish (Hard Oil)

See Hard Oil Finish

4757— Fire Brick (Ground)

Gautier J. H. & Co., 1 Greene, Jersey City, N. J.
Utica Fire Brick & Clay Co., Utica, Ill.

4758— Fire Clay

Acme Fire Clay Works (Flake & Dust), New Cumberland, W. Va.
American Fire Brick Co. (Ground), Spokane, Wash.
American Fire Clay Co., Am. Trust bldg, Cleveland, O.
Ayers Mineral Co., Zanesville, O.
Baltimore Retort & Fire Brick Co., cor Hull & Nicholson, Baltimore, Md.
Baltimore Terra Cotta Works (Ground & in Bulk), 1300 Covington, Baltimore, Md.
Bannon P. Pipe Co. (Ground), Louisville, Ky.
Berry James E., Woodbridge, N. J.
Bickford Fire Brick Co. (In Bulk or Sacks), Curwensville, Pa.
Big Savage Fire Brick Co. (Ground & Screened), Frostburg, Md.
Borgner Cyrus Co., 234 N 23d, Phila., Pa.
Brooklyn Fire Brick Works, 88 Van Dyke, Brooklyn, N. Y.
Buckeye Fireclay Co. (Ground, etc.), Uhrichsville, O.
Cannelton Sewer Pipe Co. (Ground in Bags), Cannelton, Ind.
Carnegie Brick & Pottery Co., Rialto bldg, San Francisco, Cal.
C. & B. Clay Co., Canton, O.
Chambers A. Reeder (Pulv.), Trenton, N. J.
Chicago Retort & Fire Brick Co., Ottawa, Chicago, Ill.
Clark N. & Sons, 116 Natoma, San Francisco, Cal.
Denny-Renton Clay & Coal Co., Seattle, Wash.
Diamond Fire Brick Co. (Ground), Canon City, Colo.
Didier-March Co., Perth Amboy, N. J.
Dover Fire Brick Co., Cuyahoga bldg, Cleveland, O.
Eastern Clay Goods Co., 141 Milk, Boston, Mass.
Edgar Bros. Co., Metuchen, N. J.
Excelsior Ball Clay Co., Cincinnati, O.
Excelsior Fire Clay Co., Lisbon, O.
Farber Clay & Mining Co., Farber, Mo.
Federal Clay Product Co., Mineral City, O.
Fiske & Co., 25 Arch, Boston, Mass.
Fuerst Bros. & Co., 2 Stone, New York
Funsten Clay Products Co., 55 New Montgomery, San Francisco, Cal.
Garfield Fire Clay Co., Robinson, Pa.
Gautier J. H. & Co., 1 Greene, Jersey City, N. J.
Gill Clay Pot Co., Muncie, Ind.
Good Geo. S. Fire Brick Co., Patton, Pa.
Greenpoint Fire Brick Co., 111 Clay, Brooklyn, N. Y.
Harbison-Walker Refractories Co. (For all Purposes), Farmers' Bank bldg, Pittsburgh, Pa.
Highlands Fire Clay Co., Mackind & Berthold av, St. Louis, Mo.
Humphreys E. C. Co., Book bldg, Detroit, Mich.
Illinois Clay Products Co., Oglesby, Ill.
Illinois Kaolin Co., Anna, Ill.
Interstate Fire Clay Co., Citizens bldg, Cleveland, O.
Keener Sand & Clay Co., Hartman bldg, Columbus, O.
Kiamensi Clay Co. (Also Ground Clay), Newport, Del.
Kreischer Brick Mfg. Co., Kreischerville, S. I., N. Y.
La Clede-Christy Clay Products Co., Manchester & Sulphur avs, St. Louis, Mo.
Leisen John H., Woodbridge, N. J.
McCormick J. S. Co. (Welsh Mountain), 25th & A. V. R. R., Pittsburgh, Pa.
McHose L. H., Perth Amboy, N. J.
McLeod & Henry Co. (Back Combustion Chamber Arch), 360 1st, Troy, N. Y.
Mack Mfg. Co., Lincoln bldg, Phila., Pa.
Manown Mfg. Co. (Ground), Oliver bldg, Pittsburgh, Pa.
Massillon Stone & Fire Brick Co., Massillon, O.
Maurer Henry & Son (Ground & in Bulk), 420 E 23d, New York
Missouri Fire Brick Co., 411 Olive, St. Louis, Mo.
Mutton Hollow Fire Brick Co. (Ground), Woodbridge, N. J.
National Sales Co., 31 E 13th, Cincinnati, Ohio
Negley Clay Co., Negley, O.
Nelsonville Brick Co. (Ground), Nelsonville, O.
Ohio Fire Brick Co., Oak Hill, O.
Osceola Silica & Fire Brick Co., Osceola Mills, Pa.
Ostrander Fire Brick Co., Troy, N. Y.
Peekskill Fire Brick Works, Peekskill, N. Y.
Penna Fire Brick Co., Beech Creek, Pa.
Phila. Fire Brick Works, 2306 Vine, Phila., Pa.
Presbrey Stove Lining Co., Taunton, Mass.
Products Development Co., Sharon bldg, San Francisco, Cal.
Raritan Ridge Clay Co., Metuchen, N. J.
Reeve, Augustus, Camden, N. J.
Robinson Clay Product Co. (Ground), Akron, O.
Rockcastle Cement & Lime Co., Munsey bldg, Baltimore, Md.
Rutland Fire Clay Co. ("Rutland"), Rutland, Vt.
Smith A. F. Co., New Brighton, Pa.
Southern Fire Brick & Clay Co., 133 W Washington, Chicago, Ill. Works: Mt. Silica, Ind.
Springfield Facing Co., Springfield, Mass. *See adv index at end of book*
Standard Firebrick Co., Diamond Bank bldg, Pittsburgh, Pa.
Stevens H. Sons Co. (Milled), Macon, Ga.
Stratton Fire Clay Co., Empire, O.
Thomas Moulding Brick Co., 1203 Chamber of Commerce, Chicago, Ill. *See adv index at end of book*
Uhl Pottery Co. (Ground), Evansville, Ind.
Union Mining Co. of Alleghany County, Mount Savage, Md.
Utica Fire Brick & Clay Co. ("Utica" Ground & Crude Steel Fire Clay), Utica, Ill.
Walsh & Weidner Boiler Co., Chattanooga, Tenn. *See adv index at end of book*
Washington Brick, Lime & Sewer Pipe Co. (Milled & Screened), Spokane, Wash.
West Virginia Fire Clay Mfg. Co. (Ground Flaked or Dust, etc.), Diamond Bank bldg, Pittsburgh, Pa.
Whitehead Bros. Co., 537 W 27th, New York
Winslow & Co., Portland, Me.
Woodbridge Clay Products Co. (Ground & Mortar), Perth Amboy, N. J.

Fire Department Supplies

Consult Index of Contents for the Particular Article Required; See also Mill & Factory Supplies
Croker Nat'l Fire Prevention Engng. Co., 1270 B'way, New York
Harris Fire Apparatus Co., 39 E 19th, New York

4759—Fire Door Fittings (Automatic)

Allith-Prouty Co. ("Allith" & Prouty"), Danville, Ill.
Aurora Door Hanger & Specialty Co. Aurora, Ill.
Bolles Wm. B., P O Box 600, Milwaukee, Wis. *See adv index at end of book*
Brewer Bros. Co. (Rails, Brackets, etc.), 621 Filbert, Phila., Pa.
California Fire Proof Door Co. ("Wilcox"), Los Angeles, Cal.
COBURN TROLLEY TRACK MFG. CO., P. O. Box 721, Holyoke, Mass.
Dentler Bagger Co., Vicksburg, Mich.
Keystone Fire Door Co. ("Standard"), 1231 Irwin av, Pittsburgh, Pa.
Lane Bros. Co., Poughkeepsie, N. Y.
McCabe Hanger Mfg. Co., 425 W 25th, New York
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Newhall Henry B., 89 West, New York
Peters Jas. & Son, 1934 N Front, Phila., Pa.
Richards-Wilcox Mfg. Co. ("Richards-Wilcox"), Aurora, Ill.
Richmond Safety Gate Co., Richmond, Ind.
Shields J. H., 231-33 Sycamore, Cincinnati, O.
Stowell Co. The, S Milwaukee, Wis.
Victor Mfg. Co. ("Victor" Heat Releasing Devices), Newburyport, Mass.

Fire Doors (Automatic)

See Doors, Elevator, Automatic, Fire; also Doors, Fire, Tin Clad & Sheet Metal

4760—Fire Engines (Chemical)

Ajax Fire Engine Works, 882 3d av, Brooklyn, N. Y.
American Fire Apparatus Co., 30 E 42d, New York
American-La France Fire Engine Co., Elmira, N. Y.
Anderson Coupling & Fire Supply Co., Kansas City, Kan.
Badger Fire Extinguisher Co. (40 Gallon on Wheels), 34 Portland, Boston, Mass.
Boyd James & Bro. ("Boyd," "Champion," "Halloway," "Kanawha"), 25th & Wharton, Phila., Pa.
Childs O. J. Co. ("Utica" Copper Tank), Utica, N. Y.
Hayward S. F. & Co. 250 W 54th, New York
Knight & Thomas ("Protector"), 212 Summer, Boston, Mass.
Martin Carriage Works (Motor Driven), York, Pa.
National Metal Stamping & Mfg. Co. ("Accurate"), 494 Mulberry, Newark, N. J.
Northern Fire Apparatus Co. ("Northern"), 2422 Univ. av, S E Minneapolis, Minn.
Obenchain-Boyer Co., Logansport, Ind.
Pirsch Peter & Co. (Hand & Drawn), Kenosha, Wis.
Prospect Mfg. Co. ("Deluge" Hand), Prospect, O.
Rex-Harris Fire Appliance Co., 39 E 19th, New York
Safety Fire Extinguisher Co., 291 7th av, New York
Seagrave Co., Columbus, O.
Stempel Fire Extinguisher Mfg. Co., 4268 N 20th, St. Louis, Mo.
Weller Samuel A., Zanesville, O.

4761—Fire Engines (Gasoline)

See Fire Engines, Motor.

4762— Fire Engines (Hand)

American-La France Fire Engine Co., Elmira, N. Y.
Anderson Coupling & Fire Supply Co., Kansas City, Kan.
Badger Fire Extinguisher Co. (Chemical), 34 Portland, Boston, Mass.
Howe Engine Co., Indianapolis, Ind.
Knight & Thomas ("Protector"), 212 Summer, Boston, Mass.
Northern Fire Apparatus Co. ("Chemical"), 2422 Univ. av S. E., Minneapolis, Minn.
Prospect Mfg. Co. ("Deluge"), Prospect, O.
Safety Fire Extinguisher Co., 291 7th av, New York

4763— Fire Engines (Motor)

Ahrens-Fox Fire Engine Co. ("Ahrens-Fox"), Cincinnati, O.
American-La France Fire Engine Co., Elmira, N. Y.
American & British Mfg. Co. ("A. & B."), Charles, Providence, R. I.
Anderson Coupling & Fire Supply Co., Kansas City, Kan.
Atterbury Motor Car Co., Buffalo, N. Y.
Autocar Co., Ardmore, Pa.
Couple Gear Freight Wheel Co., Grand Rapids, Mich.
Empire Art Metal Co., Inc. (Underwriters' Standard Tin Covered), College Point, L. I., N. Y.
Federal Motor Truck Co., Leavitt & Campbell avs, Detroit, Mich.
Four-Wheel Drive Auto Co., Clintonville, Wis.
Front Drive Motor Co., Hoboken, N. J.
Harder Auto Truck Co., 149 W 62nd, Chicago, Ill.
Howe Engine Co., Indianapolis, Ind.
International Motor Co. ("Mack," "Saurer," "Hewitt"), 252 W. 64th, New York
Kissel Motor Car Co., Hartford, Wis.
Lange Motor Truck Co., 145 S St. Claire, Pittsburgh, Pa.
Lippard-Stewart Motor Car Co., Buffalo, N. Y.
Luitwieler Pumping Engine Co. ("Luitwieler" Motor), Rochester, N. Y.
Mais Motor Truck Co., Indianapolis, Ind.
Martin Carriage Works, York, Pa.
Northern Fire Apparatus Co. ("Northern"), 2422 Univ. av, S E, Minneapolis, Minn.
Nott Fire Engine Co., 1624 Central av, Minneapolis, Minn.
Peerless Motor Car Co., Quincy av & E 93d, Cleveland, O.
Pirsch Peter & Co., Kenosha, Wis.
Pope Mfg. Co. ("Pope-Hartford"), Hartford, Conn.
Robinson Fire Apparatus Mfg. Co., 4268 N 20th, St. Louis, Mo.
Seagrave Co., Columbus, O.
U. S. Fire Apparatus Co., 11th & Church, Wilmington, Del.
Velie Motor Vehicle Co., Moline, Ill.
Waterous Engine Works Co., 62 S Robert, St. Paul, Minn.
Westinghouse Co. ("Westinghouse"), Schenectady, N. Y.

4764— Fire Engines (Steam)

Ahrens-Fox Fire Engine Co. ("Continental"), Cincinnati, O.
American-La France Fire Engine Co. (Also Hand), Elmira, N. Y.
Nott Fire Engine Co., 1624 Central av, Minneapolis, Minn.

4765— Fire Escapes

See also Iron, Architectural & Ornamental; also classifications following this heading

CAMERON ENGINEERING CO., East Stroudsburg, Pa.
See adv index at end of book
HANKE IRON & WIRE WORKS, 800 N Albany av, Chicago, Ill.
See adv index at end of book
LEAKE A. G. ERECTING CO., Bridgeport, Conn.
MEYERS FRED J. MFG. CO., Hamilton, O.
See adv index at end of book
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Remppis Wm. F. Co., 226 Spruce, Reading, Pa.
Rieseck Iron Works, 1201 Metropolitan, Pittsburgh, Pa.
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Standard Fire Escape Co., 166 N May, Chicago, Ill.

4766—Fire Escapes (Automatic)

Davy Automatic Fire Escape Co., Union bldg, Syracuse, N. Y.
Hayward S. F. & Co. ("Mumford"), 250 W 54th, New York
Potts Mfg. Co., Mechanicsburg, Pa.
Rex-Harris Fire Appliance Co., 39 E 19th, New York
Roanoke Iron Works, Roanoke, Va.

4767— Fire Escapes (Chute)

Bielhen Foundry & Machine Works, St. Joseph, Mo.

4768—Fire Escapes (Counterbalance)

Bielhen Foundry & Machine Works, St. Joseph, Mo.
Duluth Corrugating & Roofing Co., Duluth, Minn.
Lucas A. & Sons, 1329 S Washington, Peoria, Ill.
Mid-West Iron Works, Omaha, Neb.
Potts Mfg. Co., Mechanicsburg, Pa.
Progressive Structural Steel Co., Buffalo, N. Y.
Roanoke Iron Works, Roanoke, Va.
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
U. S. Fire Escape Counterbalance Co., 177 W Washington, Chicago, Ill.

4769—Fire Escapes (Portable)

American Fire Apparatus Co. (Chain Ladders), 30 E 42d, New York
Hamblin & Russell Mfg. Co. ("Lodewick's" Steel, Non-Combustible), Worcester, Mass.
Hayward S. F. & Co. ("Wilson"), 250 W 54th, New York
McArthur Portable Fire Escape Co. ("McArthur"), Cleveland, O.
Neal B. B. Hardware Co. ("Life Saving"), 117 Leonard, New York

4770— Fire Escapes (Rope)

Rex-Harris Fire Appliance Co. (Wire Rope), 39 E 19th, New York
Rope Fire Escape Co., 1602 Market, Phila., Pa.
Whitner Two Rope Safety Co., 455 S Clark, Chicago, Ill.

4771— Fire Escapes (Spiral)

Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, O.
Bielhen Foundry & Machine Works, St. Joseph, Mo.
Burr Co., Champaign, Ill.
Chattanooga Roofing & Fdry. Co., Chattanooga, Tenn.
Dow Wire & Iron Works ("Kirker-Bender"), Louisville, Ky.
Duluth Corrugating & Roofing Co., Duluth, Minn.
Kleeman L. F. Mfg. Co., 1923 Central, Kansas City, Mo.
Loewer John E. Co., Wire & Iron Works Co., 914 Campbell, Kansas City, Mo.
Lucas A. & Sons, 1329 S Washington, Peoria, Ill.
Meier-Wiese Co., Ft. Wayne, Ind.
Norfolk Iron & Wire Works, Inc., Norfolk, Va.
Richmond Structural Steel Co. (Cast Iron), Richmond, Va.
Roanoke Iron Works, Roanoke, Va.
Wisconsin Iron & Wire Works, Milwaukee, Wis.

4772—*Fire Escapes (Stairway)

HANKE IRON & WIRE WORKS ("Hanke"), 800 N Albany av, Chicago, Ill. *See adv index at end of book*
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
SMITH F. P., WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book

4773— Fire Extinguishers

See also Sprinklers, Automatic Fire; also Grenades, Hand

CALIFORNIA.

SAN FRANCISCO—Badger Fire Extinguisher Co., 507 Montgomery
Goodyear Rubber Co. ("Gold Seal"), 539 Mission
See adv index at end of book
Gorham Fire Apparatus Co., 127 Mission.
Pacific Fire Extinguisher Co., 507 Montgomery
Western Fire Appliance Co., 51 2nd

CONNECTICUT.

NORWICH—Phoenix Fire Extinguisher Co.

DISTRICT OF COLUMBIA.

WASHINGTON—Howard H. J. N. Mfg. Co. 10 Pierce
See adv index at end of book

FIRE APPLIANCES

MANUFACTURED BY

Geo. W. Diener Mfg. Co.

400 Monticello Ave., Chicago, U. S. A.

ILLINOIS.

CHICAGO—Chicago Fire Apparatus Co. ("Chicago" Hand Pump), 625 W Washington
Diener Geo. W. Mfg. Co. (Chemicals), 400 Monticello av
See adv index at end of book
Firex Mfg. Co., 2039 S Morgan
Justrite Mfg. Co. ("Justrite"), 2061 Southport av
McMorran Edw. E. & Co., 126 N Union
Miller Chemical Engine Co., 222 W Huron
Niagara Fire Extinguisher Co., 209 S La Salle
Treadwell M. H. Co. of Ill. ("Erwin"), 208 S La Salle

INDIANA.

BUTLER—Craun Bros.
RAYS CROSSING—Gordon Orville E. ("Gordon")

KANSAS.

KANSAS CITY—Anderson Coupling & Fire Supply Co.

MASSACHUSETTS.

BOSTON—Badger Fire Extinguisher Co., 34 Portland
Barnes Henry K. Co. ("Fire King" Chemical), 234 Devonshire
Callahan Cornelius Co., 127 Purchase
Knight & Thoomas ("Underwriters," "Railway & Marine," "Safe Guard," "Vulcan," "Home Guard," "Fire Warden"), 212 Summer
Standard Extinguisher Co., 24 Binford
LAWRENCE—Kress O. F. & Son

MINNESOTA.

MINNEAPOLIS — Northern Fire Apparatus Co. ("Atlas," "Northern"), 2422 Univ. av, S E

MISSOURI.

KANSAS CITY—Prier Brass Mfg. Co.
ST. LOUIS—Missouri Lamp & Mfg. Co. ("Acme," "Royal," "Phoenix," "Missouri," "U. S.," "Rex"), 114 Elm
Ono Trezo Fire Extinguisher Mfg. Co., 214-216 S 17th
St. Gemme Frank Fire Apparatus Co.
Stempel Fire Extinguisher Mfg. Co., 4268 N 20th

NEW JERSEY.

NEWARK—Landau Henry W., 104J Railroad av, Newark, N. J.
NEWARK—National Metal Stamping & Mfg. Co. ("Accurate," also "Marten" for Automobiles & Motor Boats, etc), 494 Mulberry
Roe & Conover, 206 Frelinghuysen av
See adv index at end of book
TRENTON—Hunt Jas. B. Mfg. Co.

NEW YORK.

BUFFALO—Buffalo Chemical Fire Extinguisher Co., 67 Carroll
Dusing & Hunt, 386 Michigan av
Ever Ready Mfg. Co., 44-46 Pearl
Western Inspection Co.
ELMIRA—American-La France Fire Engine Co. ("Salvage," "Patrol")

NEW YORK CITY.

Boroughs of Manhattan and Bronx.

NEW YORK—American Fire Apparatus Co., 30 E 42d
Badger Fire Extinguisher Co., 123 William
Columbia Fire Extinguisher Co., 174 Centre
Coston Signal Co., 24 Water
Fyro Extinguisher Co., Syracuse, N. Y.
Fire Gun Mfg. Co., Inc. ("Fire Gun"), 115 4th av
Fyricide Mfg. Co., 124 W. 80th
Harris Fire Apparatus Co., 39 E 19th
Hayward S. F. & Co. ("Babcock," "Patrol," "Champion," "Liquid Seal" & "Rescue," Chemical; also Hand Grenades), 250 W 54th
Johns-Manville H. W. Co., Madison av & 41st
ROCHESTER—Home Chemical Co., 107 Adams
Kahnweiler's David Sons ("Simplex"), 260 Front
Minwax Co. (Chemical), 18 E 41st
Pine
New York Brass Foundry Co. ("Stellbck"), 104 Centre
Pyrene Mfg. Co. ("Pyrene"), 52 Vanderbilt av
Rapid Safety Fire Exting. Co., 92 Pine
Relc Extinguisher Corp. of America, 52 Vanderbilt
Rex-Harris Fire Appliance Co., 39 E 19th
Safety Fire Extinguisher Co. ("Quick-Out"), 291 7th av
Simmons John Co., 110 Centre
Toamete Fire Extinguisher Co., 200 5th av
UTICA—Childs O. J. Co. ("Child's," "Utica," Hand, etc.)

OHIO.

CINCINNATI—Harker Mfg. Co. ("Queen," "Safety First" Chemical, also Dry Powder), 410 Pearl
Thompson Walter M., 1427 Plum
COLUMBUS—Nu-Ex Fire Extinguisher Co.
DAYTON—Fyr-Fyter Co.
Larkin Mfg. Co. ("Larkin")
MARIETTA—Northwestern Chemical Co. ("Fire Fly" Dry Powder)

PENNSYLVANIA.

PHILADELPHIA—Boyd Jas. & Bro. ("Keystone" & "Paragon"), 25th & Wharton
Clay Jno. H., 1320 Ridge av
National Inspection Co. ("Bradford"), 25th & Wharton
Snyder M. L. & Son ("Arrow," "Pan American," "Electric," "Standard"), 311 Market
PITTSBURGH—**COLONIAL SUPPLY CO.**, 217 Water
See adv index at end of book
Johns H. W.-Manville Co., 951 Liberty
Pittsburgh Lamp, Brass & Glass Co. ("Pilabrasco"), 130 7th

WASHINGTON.

SPOKANE—Pacific Fire Extinguisher Co.

WISCONSIN.

MILWAUKEE—Badger Chemical Mfg. Co. ("Mitchell" Dry Powder, "Wisconsin," "Auto" Liquid Chemical), 143 Reed
Erwin Mfg. Co. ("Firefoam"), Montgomery bldg.
RACINE—Racine Iron & Wire Works (Chemical)

4774—Fire Extinguishers (Steam)

See also Sprinklers, Automatic Fire

Childs O. J. Co., Utica, N. Y.
Nathan Mfg. Co. (For Locomotives, etc), 416 E 106th, New York

4775—*Fire Gilt & Fire Enameling

GORHAM CO. ARCH'L BRONZE, 5th av & 36th, New York. Works: Providence, R. I. *See adv index at end of book*

4776— Fire Hose Shut Off

Pirsch Peter & Co ("Pirsch"), Kenosha, Wis.
Rowell D. G. ("Samson" Automatic), Appleton, Wis.

4777—Fire-Place Furnishings Mfrs.

See also Andirons, Fenders & Grates

Bassill Louis Co. (Brass Andirons, Fenders, etc), 100 Utica, Boston, Mass.
Biddle-Gaumer Co. (Wrought Iron), 3846 Lancaster av, Phila., Pa.
Boston Brass Andiron Co. (Andirons, Fire Sets & Fenders), 104 Utica, Boston, Mass.
Bradley & Hubbard Mfg. Co. (Andirons, Fenders, Fire Sets, etc), Meriden, Conn.
Bridgeford & Co. (Fancy Grates & Furnishings), Louisville, Ky.
Chattanooga Roofing & Fdry. Co. ("Cahill" Grates & Fixtures), Chattanooga, Tenn.
Colonial Fire Place Co., 4631 W 12th, Chicago, Ill.
Dawson Bros., 523 N Halsted, Chicago, Ill.
Dighton Foundry Co. (Grates & Iron, etc), Taunton, Mass.
Eisenberg M. & Son, 165 Grand, New York
Elm City Brass & Rivet Co. (Brass), Plainville, Conn.
Fanner Mfg. Co. ("Arctic," Fire Sets, Fire Dogs, Grates, etc), Cleveland, O.
Graf Frank H. Mfg. Co. (Brass, Bronze & Black Iron), 322 7th av, New York
Howes S. M. Co. (Fire Sets, Basket Grates, Fireplace Screens, etc), 42 Union, Boston, Mass.
JACKSON EDWIN A. & BRO., INC. (Andirons, Fenders, etc), 50 Beekman, New York *See adv index at end of book*
Jackson Wm. H. Company (Fire Screens, Fenders, Fire Sets, etc, Brass & Iron), 2 W 47th, New York
Jackson's Mantel & Grate Works, 2 W 33rd, New York
Janusch Mfg. Co. (Brass, Bronze, etc), 496 E 134th, New York
Jardine Walter S. & Sons Co. (Iron Lining), 155 Forrest, Arlington, Mass.
Lodge Mfg. Co. (Andirons, etc), South Pittsburgh, Tenn.
McKenny & Waterbury Co. (Andirons, Fenders, Fire Sets, etc), 181 Franklin, Boston, Mass.
Manhattan Brass Co. (Brass), 332 E 28th, New York
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
Ohio Foundry & Mfg. Co. (Grates, etc), Steubenville, O.
Peck, Stow & Wilcox Co. (Brass, etc), Southington, Conn.
Peerless Mfg. Co. (Grates, Fire Seats, etc), Louisville, Ky.
Rostand Mfg. Co. (Full Line "Rostand"), Milford, Conn.
Sharpless & Watts Co., 1520 Sansom, Phila., Pa.
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Smith John P. & Co. (Screens, etc), New Haven, Conn.
Stover Mfg. Co. (Screens), Freeport, Ill.
Syracuse Wire Works (Spark Guards), 101 University av, Syracuse, N. Y.
Tiffany Studios, 361 Madison av, New York
Waterbury Brass Goods Corporation (Brass), Waterbury, Conn.
WRIGHT WIRE CO. ("Excelsior" Ornamental Wire Fenders & Spark Guards), Worcester, Mass.
See adv index at end of book

Fire Pots

See Pots, Fire

4778— Fire-Proof Constructors

See also Concrete Steel Construction, Reinforced

A. B. Fireproofing Co., 64 W Randolph, Chicago, Ill.
Almion Engineering & Contracting Co., 25 Church, New York
Bruner P. M. Granitoid Co., Frisco bldg, St. Louis, Mo.

EDWIN A. JACKSON & BRO. Inc.
50 Beekman Street, New York,
MANUFACTURERS OF
Mantels, Grates, Franklin Stoves, Dampers, Andirons, Spark Screens and All Kinds of Fireplace Fixtures.

Celite Products Co., Van Nuys bldg, Los Angeles, Cal.
Drehmann Paving Co. (Concrete Floors, etc), 2629 Parrish, Phila., Pa.
General Fireproofing Co. (Building Mat'l), Youngstown, O.
Goldsmith Metal Lath Co., 53 Central av, Cincinnati, O.
Grand Rapids Fire Proofing Co., Grand Rapids, Mich.
Gypsum Fireproofing Co., 205 W Monroe, Chicago, Ill.
Healy-Tibbitts Construction Co., Main & Market, San Francisco, Cal.
Keystone Fireproofing Co., Chester, Pa.
National Concrete Const. Co., Louisville, Ky
National Concrete Fire Proofing Co., Citizens bldg, Cleveland, O.
National Fire Proofing Co., Fulton bldg, Pittsburgh, Pa.
Pennsylvania Fireproofing Co., Erie, Pa.
Sanitary Fire Proofing & Contracting Co., Westchester Creek & 177th, New York
Standard Concrete Steel Co., 105 W 40th, New York
United States Gypsum Co., 205 W Monroe, Chicago, Ill.
Whitacre Fireproofing Constr'n Co., Waynesburg, O.
Wight W. N. & Co., 5 Beekman, New York

4778a—*Fire-Proof Doors & Partitions

Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book

4779—Fire-Proof Floors & Partitions

A. B. Fireproofing Co. (Partitions Only), 64 W Randolph, Chicago, Ill.
American Concrete Steel Co. (Concrete Steel), Union bldg, Newark, N. J.
Barber Asphalt Roofing Co., Land Title bldg, Phila., Pa.
Brown Hoisting Machinery Co. ("Ferroinclave"), 4403 St. Clair, N E, Cleveland, O.
Burchartz Fireproofing Co. ("Burchartz," Long Span Floors, Combination Concrete & Terra Cotta), 26 Cortlandt, New York
Camp Conduit Co., 306 Marshall bldg, Cleveland, O.
Chattanooga Sewer Pipe & Fire Brick Co., Chattanooga, Tenn.
Clinton Wire Cloth Co., Clinton, Mass.
Consolidated Expanded Metal Co.'s, Braddock, Pa.
Corrugated Bar. Co. ("Corr-Mesh" Partitions), Mutual Life bldg, Buffalo, N. Y.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa.
Expanded Metal Engineering Co., 8 W 40th, New York
Expanded Metal Fireproofing Co., 541 Wood, Pittsburgh, Pa.
Fleming & Co., 253 B'way, New York
Flexstone Construction Co. ("Armorite," "Flexstone"), Hartman bldg, Columbus, O.
General Fireproofing Co., Youngstown, O.
Goldsmith Metal Lath Co., 53 Central av, Cincinnati, O.
Gypsite Fireproofing Co. ("Gypsite" Partitions Only), 4th & Holden, Detroit, Mich.
Gypsum Fireproofing Co., 205 W Monroe, Chicago, Ill.
Idealite Co. (Carborundum), Cincinnati, O.
Keystone Fireproofing Co. ("Keystone" Gypsum), Chester, Pa.
Maurer Henry & Son (The "Phoenix"), 420 E 23d, New York
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Minnesota Fama Stonewood Co. ("Fama" Fire-Proof Gypsum Partition Tile), 1704 Rondo, St. Paul, Minn.
National Concrete Fire-Proofing Co., Citizens bldg, Cleveland, O.
National Fire Proofing Co., Fulton bldg, Pittsburgh, Pa.
North Birmingham Fire Brick & Proofing Co., Birmingham, Ala.
Pennsylvania Fireproofing Co., Erie, Pa.
Plymouth Gypsum Co. (Partitions Only), Fort Dodge, Ia.
Sanitary Fire Proofing & Contracting Co. ("Geraordts" Patent Fire Proof Blocks), Westchester Creek & 177th, New York
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Solar Metal Products Co. (Inc.) (Partitions Only), Columbus, O.
Standard Concrete Steel Co., 104 W 40th, New York
Troy Fireproofing Co., Troy, N. Y.
U. S. Gypsum Co. (Pyrobar Tile & "Jester Sackett" System), 205 W Monroe, Chicago Ill.
Western Expanded Metal & Fireproofing Co., San Francisco, Cal.
White Fire Proof Construction Co., 286 5th av, New York

4780— Fire-Proof Hollow Tile

A. B. Fireproofing Co., 64 W Randolph, Chicago, Ill.
Akron Vitrified Clay Mfg. Co., Akron, O.
Alton Brick Co. (Backing-up tile, partition tile etc.), Alton, Ill.
American Clay Co., Terre Haute, Ind.
American Clay Products Co., 175 5th av, New York
American Fire Brick Co. (Hollow Tile & "Denison" Interlocking), Spokane, Wash.
Ayer-McCarel, Reagan Clay Co., Brazil, Ind.
Bannon P. Pipe Co., Louisville, Ky.
Bradford Fireproofing Co., Bradford, Pa.
Brook Terra Cotta, Tile & Brick Co., Brook, Ind.
Camp Conduit Co., 306 Marshall bldg, Cleveland, O.
Carnegie Brick & Pottery Co., Rialto bldg, San Francisco, Cal.
Chattanooga Sewer Pipe & Fire Brick Co., Chattanooga, Tenn.
Clark N. & Sons, 112 Natoma, San Francisco, Cal.
Clay Product Co., 175 W Jackson blvd, Chicago, Ill.
Dennison Fire Proofing Co., Mason City, Ia.
Denny-Renton Clay & Coal Co., Seattle, Wash.
Denver Sewer Pipe & Clay Co., Denver, Colo.
Diamond Brick Co., Oak Hill, O.
Dickey W. S. Clay Mfg. Co., N. Y. Life bldg, Kansas City, Mo.
Far West Clay Co., Tacoma, Wash.
Gladding, McBean & Co., Croker bldg, San Francisco, Cal. Works: Lincoln, Cal.
Gypsum Fireproofing Co., 205 W Monroe, Chicago, Ill.
Heath-Unit Tile Co., Nat'l Realty bldg, Tacoma, Wash.
Illinois Terra Cotta Lumber Co., 119th & Calu, Lake, Chicago, Ill.
Laclede-Christy Clay Products Co., Manchester & Sulphur avs, St. Louis, Mo.
Los Angeles Pressed Brick Co., Los Angeles, Cal.
Maurer Henry & Son, 420 E 23d, New York
National Fire Proofing Co., Fulton bldg, Pittsburgh, Pa.
North Birmingham Fire Brick & Proofing Co., Birmingham, Ala.
Oconee Brick & Tile Co., Milledgeville, Ga.
Ohio Clay Co. ("Dennison" Interlocking), Guardian bldg, Cleveland, O.
Ohio Fireproofing Co., Nelsonville, O.
Parker-Russell Mining & Mfg. Co., Laclede Gas Light bldg, St. Louis, Mo.
Patton Clay Mfg. Co. (Cambria Co.), Patton, Pa.
Penna. Fireproofing Co. ("Pentex"), Erie, Pa.
Plymouth Gypsum Co. (Partition), Fort Dodge, Ia.
Rochester Brick & Tile Mfg. Co., Rochester, N. Y.
Stevens H. Sons Co., Macon, Ga.
Troy Fireproofing Co., Troy, N. Y.
United States Gypsum Co. ("Pyrobar" Gypsum Tile), 205 W Monroe, Chicago, Ill.
Vigo-Am. Clay Co., Terre Haute, Ind.
Washington Brick, Lime & Sewer Pipe Co., Spokane, Wash.
Waynesfield Drain Tile Co., Waynesfield, O.
Whitacre-Greer Fireproofing Co., Waynesburg, O.

4781—Fire-Proof Wood Work

See Fire-Proofing of Wood

4782 — Fire-Proofing (Ferroinclave Steel Concrete)

Brown Hoisting Machinery Co., 4403 St. Clair, Cleveland, O., & 50 Church, New York

4782a—*Fire-Proofing of Fabrics

PRICE FIRE & WATER PROOFING CO., Poughkeepsie, N. Y.

4783—Fire-Proofing of Wood

Price Fire & Water Proofing Co., Poughkeepsie, N. Y.

4784—Fire-Proofing (Porous Terra Cotta)

See also Fire-Proof Hollow Tile
Camp Conduit Co., 306 Marshall bldg, Cleveland, O.
Chattanooga Sewer Pipe & Fire Brick Co., Chattanooga, Tenn.
Denny-Renton Clay & Coal Co., Seattle, Wash.
Illinois Terra Cotta Lumber Co., 119th & Calu, Lake, Chicago, Ill.
Los Angeles Pressed Brick Co., Los Angeles. Cal.
Maurer Henry & Son, 420 E 23d, New York
National Fire Proofing Co. (Hollow Tile), Fulton bldg, Pittsburgh, Pa.
Parker-Russell Mining & Mfg. Co., Laclede Gas Light bldg, St. Louis, Mo.
Penna. Fireproofing Co., Erie, Pa.
Whitacre-Greer Fireproofing Co., Waynesburg, O.

4785— Fire Sand

Carborundum Co. (Carborundum & Aloxite, for Lining Oil Burning Furnaces, Forges, etc), Niagara Falls, N. Y.
Garden City Sand Co. (Dealers), Chamber of Commerce bldg, Chicago, Ill.
Gautier J. H. & Co., 1 Greene, Jersey City, N. J.
Maurer Henry & Son, 420 E 23d, New York
Mushet Co. W. E., 502 Mission, San Francisco, Cal.
Ohio Quarries Co., Citizens bldg, Cleveland, O.
Peekskill Fire Brick Works, Peekskill, N. Y.
Presbrey Stove Lining Co., Taunton, Mass.
Raritan Ridge Clay Co., Metuchen, N. J.
Valentine M. D. & Bro. Co., Woodbridge, N. J.
Whitehead Bros. Co., 537 W 27th, New York

Fire-Sets (Brass & Iron)

See Fire Place Furnishings, Manufacturers

4786— Fireworks

Apelt-Hermann (Chinese Firecrackers) 76 Wall, New York
Connecticut Fireworks Co., West Haven, Conn.
Consolidated Fireworks Co. of America, 22 Park pl, New York.
Detwiller & Street Fireworks Mfg. Co., 22 Park pl, New York
Diehl H. P. Co., Lawrenceburg, Ind.
Due A. L. Fireworks Co., Market & North Reading, Cincinnati, O.
Hunt Edmund S. & Sons Co., Weymouth, Mass.
Lloyd Mfg. Co., 22 Park pl, New York
National Fireworks Distributing Co., 64 Sudbury, Boston, Mass.
Newton's Cal. Fireworks Co., 249 Front, San Francisco, Cal.
Rochester Fire Works Co., Rochester, N. Y.
St. Louis Fireworks Co., 822 N B'way, St. Louis, Mo.
Western Fireworks Co., Denver, Colo.
Willsons Fireworks Co., 146 Davis, San Francisco, Cal.

4787— *Fireworks Powder

HERCULES POWDER CO., Wilmington, Del. *See adv index at end of book*

4787a— *Fish Flakes

WRIGHT WIRE CO. ("Excelsior"), Worcester, Mass.
See adv index at end of book

4788— Fish Hook Mfrs.

Redifor Rod & Reel Co. ("O'Shaughnessy," "Pennell"), Warren, O.

4789— Fish Line Mfrs.

A. A. A. Spooling & Winding Co. (Cotton), Auburn, R. I.
Allen J. & S. (Est. of), (Cotton & Linen), Walpole, Mass.
Ashaway Line & Twine Mfg. Co. ("Joseph Jefferson," "Swastika," "Cuttykunk," "Reliance," "Best Bass," "Superior" & "Standard" Braided & Twisted Silk, Linen & Cotton), Ashaway, R. I.
Barbour Flax Spinning Co. (Linen), Paterson, N. J.
Barrows Mfg. Co. (Cotton, Linen & Silk), Lansdale, Pa.
Beebe Cordage Co. (Cotton), Rockaway, N. J.
Bibb Mfg. Co. (Cotton & Linen), Macon, Ga.
Burnham L. A. & Co. (Cotton), Gloucester, Mass.
Canonchet Line & Twine Co. (Cotton), Canonchet, R. I.
Castine Line & Twine Co. (Cotton, for Deep Sea Fishing), Castine, Me.
Chaffee Mfg. Co. ("Chaffee" Silk), Willimantic, Conn.
Cohankus Mfg. Co. (Trout Lines), Paducah, Ky.
Draper W. H. & Sons (Braided & Twisted Cotton, Linen & Silk), Troy, N. Y.
Duff Chas. H. (Silk), Rockland, Me.
Gladding B. F. & Co. (Braided & Twisted Cotton, Linen & Silk), South Otselic, N. Y.
Hall A. G. (Braided & Twisted Cotton, Linen & Silk), Highland Mills, N. Y.
Holden James (Cotton), Fall River, Mass.
Hooper Sons Mfg. Co. (Cotton), Juniper & Cherry, Phila., Pa.
Lees Mfg. Co. (Cotton), Westport, Conn.
Lord R. W Co. (Cotton), Kennebunk, Me.
McComeskey Thos. (Cotton & Linens), 3731 Frankford av., Phila., Pa.
Mansfield G. H. & Co. (Braided Silk), Canton, Mass.
Martin's E. J. Sons ("Kingfisher" Braided Silk), Rockville, Conn.
Mears Improved Line Co. (Cotton), Gloucester, Mass.
Newton Line Co. (Cotton, Linen & Silk), Homer, N. Y.
Pawtucket Braided Line Co. (Braided Cotton, Linen & Silk), Pawtucket, R. I.
Royal River Mfg. Co., Yarmouth, Me.
Tate E. H. Mfg. & Cordage Co. ("Best Quality" Brass & Copper Wire), 15 Chardon, Boston, Mass.
Tennessee Line & Twine Co. (Silk, Cotton & Linen), Elizabethton, Tenn.
Union Twine Co., Canochet, R. I.
Wood T. H. Co. (Braided Silk), South Coventry, Conn.

4790— Fish Nets & Seines

American Net & Twine Co., 575 Atlantic av, Boston, Mass.
Barbour Flax Spinning Co., Paterson, N. J.
Ederer R. J. Co., 341 W Ohio, Chicago, Ill.
Elwell C. A., Gloucester, Mass.
Fowler Net & Twine Co., 107 S 2nd, Phila., Pa.
Gloucester Net & Twine Co., Gloucester, Mass.
Knox W. & J. Net & Twine Co., cor Calvert & Lombard, Baltimore, Md.
Lees Mfg. Co., Westport, Conn.
Lichtenstein's L. Sons, Richmond, Va.
Linen Thread Co., 96 Franklin, New York
Lord H. & G. W. Co., Boston, Mass.
McClean C. & W. Merc. Co. ("Palmer's"), 415 Washington av, St. Louis, Mo.
Reisner W. H. Mfg. Co. ("King" Minnows), Hagerstown, Md.

4791— Fishing Tackle Mfrs.

See also Reels, Fishing
Also Sporting & Athletic Goods Mfrs.

Abbey & Imbrie, 15 Warren, New York
Benjamin-Sellar Mfg. Co. (Reels, etc), 559 W Quincy, Chicago, Ill.
Chester F. E. Mfg. Co. ("Redfield," Hollow Cork Fishing, Floats), 3 Pine, Providence, R. I.
Enterprise Mfg. Co., Akron, O.
HENDRYX ANDREW B. CO. (Reels & Bait), New Haven, Conn.
See adv index at end of book
Hildebrandt John J. Co. ("Hildebrandt," Spinneys, etc), Logansport, Ind.
Horrocks-Ibbotson Co. (Reels, etc), Utica, N. Y.
Horton Mfg. Co. ("Bristol," "Rainbow," "Luckie," Steel Rods & Rod Mountings), Bristol, Conn.
Ideal Fishing Float Co., Richmond, Va.
Junod P. & Co., Celina, O.
Meeks B. F. & Sons (Reels, etc), Louisville, Ky.
Pepper Jno., Sr., Rome, N. Y.
Redifor Rod & Reel Co. (Rods, Reels, Fish Stringers, Gaff Hooks, Connecting Links, Bass Bait & Flies, etc), Warren, O.
St. Charles Net & Hammock Co., St. Charles, Ill.
Shakespeare Co., Kalamzoo, Mich.
South Bend Bait Co., South Bend, Ind.
Vom Hofe Edward & Co., 112 Fulton, New York
Treman, King & Co. ("White Hat" Bait, etc), Ithaca, N. Y.
Woods F. C. & Co. (Expert Bait), Alliance, O.

4792— Fittings (Acid Metal)

Acheson Mfg. Co., Rankin, Pa.
Aterite M. H. Co. Inc., 55 John, New York
Damascus Bronze Co. ("Damascus"), N S, Pittsburgh, Pa.
See adv index at end of book
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.
Eastwood Wire Mfg. Co., Belleville, N. J.
LUNKENHEIMER CO., Executive offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book

4793— Fittings (Air Brake)

Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Litchfield Foundry & Mach. Co., Litchfield, Ill.
Pittsburgh Malleable Iron Co., 34th & Smallman, Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
Western Railway Equipment Co., Central Natl. Bank bldg, St. Louis, Mo.
WESTINGHOUSE AIR BRAKE CO., Pittsburgh, Pa.
WESTINGHOUSE TRACTION BRAKE CO., Pittsburgh, Pa.

4794— Fittings (Ammonia)

Arctic Ice Machine Co., Canton, O.
Baker Ice Machine Co., Omaha, Neb.
Bonney Vise & Tool Works, Allentown, Pa.
See adv index at end of book
Braman, Dow Co., 239 Causeway, Boston, Mass.
Brunswick Refrigerating Co., New Brunswick, N. J.
Columbus Iron Works, Columbus, Ga.
Crane Co. (Est. 1855), 836 S Mich. av, Chicago, Ill.
For branch offices see Alphabetical Section
Creamery Package Mfg. Co., 61 W Kinzie, Chicago, Ill.
Flagg Stanley G. & Co., Morris bldg., Phila., Pa.
Frick Co., Waynesboro, Pa.
Great Lakes Engineering Works (Semi-Steel), Detroit, Mich.
Ice & Cold Machine Co., 3003 N B'way, St. Louis, Mo.
Jarecki Mfg. Co. (Cast Iron), Erie, Pa.
Kelly & Jones Co. (Mall. Iron), 135 Water, Pittsburg, Pa.
LUNKENHEIMER CO., Executive offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
Niebling F. W. Co., Norwood, Highland av, Cincinnati, O.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
Shipley Constr. & Supply Co., ft of Warren, Brooklyn, N. Y.
Tight Joint Co. ("Folly's" Patent), 310 E 47th, New York
Triumph Ice Machine Co. (Steel), Oakley, Cincinnati, O.
VILTER MFG. CO., 1046 Clinton, Milwaukee, Wis. *See adv index at end of book*
Wegner Machine Co., Buffalo, N. Y.
York Mfg. Co., York, Pa.
Williams J. H. & Co. (Tool Post Drop Forgings, Flanges & Ferrule Forgings), 31 Richards, B'klyn, N. Y.
See adv index at end of book

4795—Fittings (Awning Frame)

Pancoast Henry B. Co., 243 S 3d, Phila., Pa.

4796— Fittings (Bakers' Oven)

Robson Chas. & Co., 8th & Washington av, Philadelphia, Pa.
Watkins Jas. Y. & Son, 20 Catherine, New York

4797—Fittings (Bath, Supply & Waste)

Blasier-Sanborn Mfg. Co., Utica, N. Y.
Central Brass Mfg. Co. ("Central"), 6206 Cedar, Cleveland, O.
D. C. Mfg. Co. ("D. C."), Canton, O.
Dubois F. M. & Co. ("Apex"), 247 9th av, New York
Edwardsville Brass Co., Edwardsville, Ill.
Elgin Brass Co., 21 Park row, New York
Haydenville Co., Haydenville, Mass.
Mueller H. Mfg. Co., Decatur, Ill.
Reid Brass Mfg. Co., 272 Kent av, Brooklyn, N. Y.
United Brass Mfg. Co. ("United"), 3844 Hamilton av, Cleveland, O.
Whitlock Coil Pipe Co., Hartford, Conn.

4798— Fittings (Brass Pipe)

Acheson Mfg. Co., Rankin, Pa.
American Brass & Copper Co., 138 Lafayette, New York
Barrett James Mfg. Co., 117 Pearl, Boston, Mass.
Belfield H. Co., 435 N Broad, Phila., Pa.
Belknap Mfg. Co., Bridgeport, Conn.
Bridgman Bros. Co. (Extra Heavy Screwed & Flanged), 1426 Washington av, Phila., Pa.
Buckeye Iron & Brass Works, Dayton, O.
Crane Co. (Est. 1855), 836 S Mich. av, Chicago, Ill.
For branch offices see Alphabetical Section
Dalton-Ingersoll Mfg. Co., 52 Chauncy, Boston, Mass.
Darling Pump & Mfg. Co., (Ltd.), Williamsport, Pa.
Detroit Lubricator Co., Detroit, Mich.
Detroit Sanitary Supply Co., 1191 Second, Detroit, Mich.
Eastwood Wire Mfg. Co., Belleville, N. J.
Fewless-Leen Brass & Iron Co., 610 E. Front, Cincinnati, O.
General Fire Extinguisher Co., Providence, R. I.
Hamlin & Emery Brass Co., 49 Island, Boston, Mass.
Hancock Mfg. Co., Charlotte, Mich.
Harris Arthur & Co., 212 N Curtis, Chicago, Ill.
Haydenville Co., Haydenville, Mass.
Hoffmann B. Mfg. Co., 257 6th, Milwaukee, Wis.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
Jarecki Mfg. Co., Erie, Pa.
Jenkins Mfg. Co., Bloomfield, N. J.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Kinsey & Mahler Co., Peoria, Ill.
KNAPP ARTHUR ENGINEERING CORP., 30 Church, New York
See adv index at end of book
Knight R. W. B., 169 Dorrance, Providence, R. I.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Leslie Co. (High Pressure Steam), Lyndhurst, N. J.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, Ohio
See adv index at end of book
McCambridge Co., 20th & Wood, Phila., Pa.
McMann & Taylor Co., 104 John, New York
See adv index at end of book

McNab & Harlin Mfg. Co., 55 John, New York
McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.
See adv index at end of book
Milwaukee Brass Mfg. Co., 251 Lapham, Milwaukee, Wis.
Mott J. L. Iron Works, Trenton, N. J.
Mueller H. Mfg. Co., Decatur, Ill.
NASON MFG. CO. (Jobbers), 71 Fulton, New York. *See adv index at end of book*
NEWMAN MFG. CO., 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill. *See adv index at end of book*
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
Powell Wm. Co., Cincinnati, O.
Queen City Brass & Iron Works, Cincinnati, O.
Richardson Edro Brass Co., 318 N Holliday, Baltimore, Md.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis. Mo.
Rundle-Spence Mfg. Co., 63 2nd, Milwaukee, Wis.
Saul Eugene C., Monadnock bldg, San Francisco, Cal.
Sherman H. B. Mfg. Co., Battle Creek. Mich.
Simmons John Co., 110 Centre, New York
Speakman Supply & Pipe Co., 30 & Spruce, Wilmington, Del.
Stebbins E. Mfg. Co., Springfield, Mass.
Twentieth Century Brass Works, 514 Fifth av S, Minneapolis, Minn
United Lined Tube & Valve Co., 180 Franklin, Boston, Mass.
Walworth Mfg. Co., Boston, Mass.
Wolverine Brass Works, Grand Rapids, Mich.

4799—Fittings (Brass Pipe Railing)

Crane Co., (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Devlin Thomas Mfg. Co., Phila., Pa.
General Fire Extinguisher Co., Providence, R. I.
Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill. *See adv index at end of book*
Jenkins Mfg. Co., Bloomfield, N. J.
McNab & Harlin Mfg. Co., 55 John, New York
Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill. *See adv index at end of book*
New York Brass Foundry Co., 104 Centre, New York
Pittsburgh Brass Mfg. Co., Pittsburgh, Pa.

4800-1—Fittings (Bronze)

Acheson Mfg. Co., Rankin, Pa.
Eastwood Wire Mfg. Co., Belleville, N. J.
Kaltenthaler H. J., 234 Cherry, Phila., Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, Ohio.
See adv index at end of book
McRae & Roberts Co, 227 Campbell av, Detroit, Mich.
See adv index at end of book
Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill. *See adv index at end of book*
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Portland Co., Portland, Me.

4802—Fittings (Cast Iron, for Gas & Water Mains)

Acheson Mfg. Co., Rankin, Pa.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Central Foundry Co., 90 West, New York
Darling Pump & Mfg. Co., (Ltd.), Williamsport, Pa.
Davies & Thomas Co., Catasauqua, Pa.
General Fire Extinguisher Co., Providence, R. I.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Hammond-Byrd Iron Co., Birmingham, Ala.
Massillon Iron & Steel Co., Massillon, O.
NASON MFG. CO. (Jobbers), 71 Fulton, New York. *See adv index at end of book*
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
Smith A. P. Mfg. Co., East Orange, N. J.

Fittings (Cast Iron Pipe)

See Fittings, Pipe

4803— Fittings (Cast Steel)

American Foundry & Construction Co., 2d av & Longworth, Pittsburgh, Pa.
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Crane Co. (Est. 1855), 836 S Mich. av, Chicago, Ill.
For branch offices see Alphabetical Section
Hempfield Foundry, Greensburg, Pa.
Kaltenthaler H. J., 234 Cherry, Phila., Pa.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.

4804— Fittings (Conduit)

Adapti Mfg. Co., 919 West, Cleveland, O.
American Conduit Mfg. Co., Keystone bldg, Pittsburgh, Pa.
Appleton Electric Co. ("Appleton" "Unilets"), 230 N Jefferson, Chicago, Ill.
Cap-Swivel Let Co., Warren, R. I.
Central Tube Co., Pittsburgh, Pa.
Fairmount Electric & Mfg. Co. ("Bendhicks," "Arclets"), 59th & Woodland av, Phila., Pa.
Gillette-Vibber Co. ("G. V."), New London, Conn.
Steel City Electric Co. ("Ovalduc" "Marchand" & "Star"), 1207 Columbus av, Pittsburgh, Pa.
Thomas & Betts Co. ("Erickson" Couplings), 63 Vesey, New York
V V Fittings Co. ("V V"), 1906 N 6th, Phila., Pa.

4805— Fittings (Cross Over)

Fee & Mason, 81 Beekman, New York
Flagg Stanley G. & Co. (Malleable Iron), Morris bldg, Phila., Pa.
Grabler Mfg. Co., Cleveland, O.
Kaltenthaler H. J., 234 Cherry, Phila., Pa.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.

4806— Fittings (Drainage)

Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
Coyne & Delany Co., 832 Kent av, Brooklyn, N. Y.
Crane Co. (Est. 1855), 836 S Mich. av, Chicago, Ill.
For branch offices see Alphabetical Section
Essex Foundry (Cast Iron Screwed for Wrought Iron Pipe), Murray, Newark, N. J.
Glenn Fred E., St. Charles, Ill.
Jarecki Mfg. Co. (Cast Iron), Erie, Pa.
Kelly & Jones Co. (Cast Iron, etc), 135 Water, Pittsburgh, Pa.
Larkin J. K. & Co. (Pipe), 34 Reade, New York. *See adv index at end of book*
McMann & Taylor Co., 104 John, New York
See adv index at end of book
McNab & Harlin Mfg. Co. (Brass & Iron, Black & Galvanized), 55 John, New York & Paterson, N. J.
NASON MFG. CO. (Jobbers), 71 Fulton, New York. *See adv index at end of book*
National Foundry Co. (1¼ to 6 inches), 10 Sanford, Brooklyn, N. Y.
New York Brass Foundry Co., 104 Centre, New York
Prier Brass Mfg. Co. ("Sieben" Combination), Kansas City, Mo.
Stockham Pipe & Fittings Co. (Cast Iron), Birmingham, Ala.

Fittings (Electric Porcelain)

See Porcelain Specialties, Electric & Mechanical

4807— Fittings (Electrical)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Syracuse Supply Co., Syracuse, N. Y.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

4808— Fittings (Ell)

Acheson Mfg. Co. (Union Ells), Rankin, Pa.
Edwardsville Brass Co. (Flush & Closet), Edwardsville, Ill.
Eureka Brass Works (Union Ells), 1040 Hulbert av, Cincinnati, O.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill. *See adv index at end of book*
Standard Brass Mfg. Co., Utica, N. Y.

4809— Fittings (Flanged)

American District Steam Co., North Tonawanda, N. Y.
American Foundry & Construction Co., 2d av & Longworth, Pittsburgh, Pa.
AMERICAN SPIRAL PIPE WORKS (Forged Steel Pipe Flanges), Chicago, Ill. *See adv index at end of book*
Birdsboro Steel Foundry & Machine Co. (Iron, Steel & Semi-Steel), Birdsboro, Pa.
Columbus Iron Works (Heavy), Columbus, Ga.
Crane Co. (Est. 1855) (High, Medium or Low Pressure), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Crook H. E. Co., Inc. (Cast Iron), 28 Light Baltimore, Md.
Davies & Thomas Co. (Cast Iron, for Gas & Water Pipe, etc), Catasauqua, Pa.
Direct Separator Co., Syracuse, N. Y.
Essex Foundry (Cast Iron), Murray, Newark, N. J.
General Fire Extinguisher Co. (Cast Iron), Providence, R. I.
Hammond-Byrd Iron Co., Birmingham, Ala.
Hoffmann B. Mfg. Co. (Cast Iron), 257 6th, Milwaukee, Wis.
Jefferson Union Co. ("Jefferson"), Lexington, Mass.
Kaltenthaler H. J. (Cast Iron, High & Low Pressure), 234 Cherry, Phila, Pa.
Kellogg M. W. Co., 90 West, New York
See adv index at end of book
Kelly & Jones Co. (Standard & Extra Heavy, Semi-Steel, Brass & Cast Malleable Iron), 135 Water, Pittsburgh, Pa.
Kries Henry A & Sons, 8 W Lombard, Baltimore, Md.
Larkin J. K. & Co. (Pipe), 34 Reade, New York. *See adv index at end of book*
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McMann & Taylor Co. (Jobbers), 104 John, New York. *See adv index at end of book*
McNab & Harlin Mfg. Co. (Standard & Extra Heavy), 55 John, New York
Massillon Iron & Steel Co. (Cast Iron), Massillon, O.
Millar Chas. & Son Co., Utica, N. Y.
NASON MFG. CO. (Jobbers), 71 Fulton, New York. *See adv index at end of book*
National Valve & Mfg. Co., 31st & Liberty, Pittsburgh, Pa.
New Bedford Boiler & Machine Co., New Bedford, Mass.
Newbury J. H. (Cast), Goshen, N. Y.
New York Brass Foundry Co. (Brass), 104 Centre, New York
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Philadelphia Roll & Machine Co. (Pipe), 25th & Washington av, Phila., Pa.
Pittsburgh Gage & Supply Co. (Cast Iron), 30th & Liberty av, Pittsburgh, Pa.
Pittsburgh Piping & Equip. Co., 35th & Charlotte, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Standard Cast Iron Pipe & Foundry Co., Bristol, Pa.
Stockham Pipe & Fittings Co. (Cast Iron), Birmingham, Ala.
U. S. Cast Iron Pipe & Foundry Co., Burlington, N. J.
Walworth Mfg. Co., Boston, Mass.

PIPE, FITTINGS AND VALVES OF ALL KINDS.

Complete Line of Steam, Hydraulic, Gas, Refrigerating and Sanitary Engineering Supplies and Specialties.

"NASON" and "SIDELUG" STEAM TRAPS. "NASON-VESUVIUS" STEAM TRAPS.

NASON MANUFACTURING CO., 71 Fulton Street, New York. Davis and Crane Streets, Long Island City, N. Y.

4810—Fittings (Gas Fixture)

American Brass & Copper Co., 138 Lafayette, New York
Cleveland Gas & Electric Supply Co., 940 Prospect av, S E, Cleveland, O.
Fairmount Electric & Mfg. Co. ("Emery"), 59th & Woodland av, Phila., Pa.
Flagg Stanley G. & Co., Morris bldg, Phila., Pa.
General Fire Extinguisher Co., Providence, R. I.
Horn & Brannen Mfg. Co., 427 N Broad, Phila., Pa.
NASON MFG. CO. (Jobbers), 71 Fulton, New York. *See adv index at end of book*
Shapiro & Aronson, 20 Warren, New York
Standard Brass Works, 97 Wight, Detroit, Mich.
Utica Valve & Fixture Co., Utica, N. Y.
Williamson R. Co., 601 Washington blvd, Chicago, Ill.

4811— Fittings (Gas Line)

American Foundry & Construction Co., 2d av & Longworth, Pittsburgh, Pa.
Hays Mfg. Co., Erie, Pa.
LUNKENHEIMER CO. Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R. Pittsburgh, Pa.
Stockham Pipe & Fittings Co. (Cast Iron), Birmingham, Ala.

4812— Fittings (Green House)

Central Foundry Co. (Cast Iron), 90 West, New York
Coldwell-Wilcox Co. (Cast Iron), Newburgh, N. Y.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Glenn Fred. E., St. Charles, Ill.
National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*

Fittings (High Pressure)

See Fittings, Hydraulic

4813— Fittings (Hydraulic)

American Foundry & Construction Co., 2d av & Longworth, Pittsburgh, Pa.
AMERICAN SPIRAL PIPE WORKS, Chicago, Ill. *See adv index at end of book*
Buckeye Iron & Brass Works (Brass High Pressure), Dayton, O.
Edward Valve & Mfg. Co. ("Edward" Steel, High Pressure), Edison bldg., Chicago, Ill.
ELMES CHAS. F. ENGINEERING WORKS, INC., Cor. Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
French Oil Mill Machinery Co., Piqua, O.
General Fire Extinguisher Co., Providence, R. I.
Hydraulic Press Mfg. Co., Mt. Gilead, O.
Kelly & Jones Co. (Semi-Steel, Flanged), 135 Water, Pittsburgh, Pa.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McNab & Harlin Mfg. Co., 55 John, New York
Malleable Iron Fittings Co. ("M. I. F. Co.," Steel & Malleable Iron), Branford, Conn.
NASON MFG. CO., 71 Fulton, New York. *See adv index at end of book*
New York Brass Foundry Co., 104 Centre, New York
Oil Well Supply Co. (Cast Iron), 215 Water, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
Tight Joint Co. ("Folly's" Patent), 310 E 47th, New York
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*

4814—Fittings (Iron Railing)

Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Devlin Thos. Mfg. Co. (Adjustable, Malleable Iron), Lehigh av & 3rd, Phila., Pa.
Illinois Malleable Iron Co., 1801 Diversey, Chicago, Ill. *See adv index at end of book*
Jarecki Mfg. Co. (Malleable, etc), Erie, Pa.
Kelly & Jones Co. (Malleable Iron, etc), 135 Water, Pittsburgh, Pa.
Malleable Iron Fittings Co, ("M. I. F. Co."), Branford, Conn.
McNab & Harlin Mfg. Co., 55 John, New York
Pancoast Henry B. Co. (Iron Pipe, Malleable & Cast Iron & Brass), 243 S 2nd, Phila., Pa.

4814a— *Fittings (Lead)

CHEMICAL PUMP & VALVE CO., 327 Guilford, Perth Amboy, N. J.

4815— Fittings (Lead Lined)

Lead Lined Iron Pipe Co. (Brass & Iron), Wakefield, Mass.
United Lead Co., 111 B'way, New York

4815a—*Fittings (Malleable & Brass Railing)

Hughes-Evans Co., Inc., 30 E 42nd, New York
Hughes W. R. Co., 42nd St. bldg, New York

4816— Fittings (Pipe)

See also Cast Iron Soil Pipe & Fittings; also Fittings, Various Kinds; also Unions
Abendroth & Root Mfg. Co. (Cast Iron Flanged), Newburgh, N. Y.
Acheson Mfg. Co. (Brass), Rankin, Pa.
A. & J. Mfg. Co., 559 W Lake, Chicago, Ill.
Albert & Davidson, Oakland & Kent, Brooklyn, N. Y.
See adv index at end of book
American District Steam Co., N. Tonawanda, N. Y.
American Foundry & Construction Co., 2d av & Longworth, Pittsburgh, Pa.
AMERICAN SPIRAL PIPE WORKS (Large Cast Iron), Chicago, Ill.
See adv index at end of book
Aterite M. H. Co., Inc. (Acid), 55 John, New York
Belfield H. Co., (Brass), 435 N Broad, Phila., Pa.
Builders' Iron Foundry (Cast Iron) ("Globe Special"), 9 Codding, Providence, R. I.
Burrell D H. & Co. (Sanitary), Little Falls, N. Y.
Campbell Mfg. Co. (Cast Iron), Gadsden, Ala.
Carpenter Geo. B. & Co., 440 N Wells, Chicago, Ill.
Central Distributing Co., Jackson, Mich.
Central Foundry Co. (Cast Iron), 90 West, New York
Clow Jas. B. & Sons (Steam), Franklin & Harrison, Chicago, Ill.
Coldwell-Wilcox Co. ("Wilcox"), Newburgh, N. Y.
Columbus Brass Co. ("Abbott"), 538 Dublin av, Columbus, O.
See adv index at end of book
Crane Co. (Est. 1855) (Malleable & Cast Iron Screwed or Flanged), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Darling Pump & Mfg. Co., Ltd. (Cast Iron), Williamsport, Pa.
Detroit Valve & Fittings & Detroit Brass Works (Malleable Iron), Wyandotte, Mich.
Devlin Thos. Mfg. Co. (Malleable Iron), 3d & Lehigh av, Phila., Pa.
Dunning Carl Equipment Co. (Supplies), United bldg, Indianapolis, Ind.
Flagg Stanley G. & Co. ("Keystone" Malleable Iron), Morris bldg, Phila., Pa.
Ford & Kendig Co. (Malleable & Cast Iron for Steam), 24th & Wood, Phila., Pa.
Fort Pitt Malleable Iron Co. (Malleable & Cast Iron), Thompson & Crawford, Pittsburgh, Pa.
Franklin Park Foundry Co., Franklin Park, Ill.
General Fire Extinguisher Co. (Brass & Iron), Providence, R. I.
Gilli Machine Co. (Cast Iron), Tonawanda, N. Y.
Glamorgan Pipe & Foundry Co. (Cast Iron), Lynchburg, Va.
Glenn Fred. E. (Cast Iron), St. Charles, Ill.
Grabler Mfg. Co. (Malleable Iron), Cleveland, O.
Hammond-Byrd Iron Co., Birmingham, Ala.
Hempfield Foundry, Greensburg, Pa.
Hoffman B. Mfg. Co. (Cast Iron & Flanged), 257 6th, Milwaukee, Wis.
Illinois Malleable Iron Co. (Malleable & Cast Iron), 1801 Diversey blvd, Chicago, Ill. *See adv index at end of book*
Jarecki Mfg. Co. (Malleable & Cast Iron), Erie, Pa.
Jefferson Union Co. ("Jefferson"), Lexington, Mass.
Kelly & Jones Co. (Malleable & Cast Iron), 135 Water, Pittsburgh, Pa.
Kroeschell Bros. Co. (Cast Iron), 440 W Erie, Chicago, Ill.
Kuhns Bros., Dayton, O.
Larkin J. K. & Co. (Malleable Iron & Steam), 34 Reade, New York
See adv index at end of book
Litchfield Foundry & Machine Co. (Cast Iron), Litchfield, Ill.
Lumsden & Van Stone Co. ("Van Stone"), 69 High, Boston, Mass.
LUNKENHEIMER CO. (Brass), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McMANN & TAYLOR CO., 104 John, New York. *See adv index at end of book*
McNab & Harlin Mfg. Co. (Cast & Malleable Iron), 55 John, New York
Malleable Iron Fittings Co. ("M. I. F. Co.," Malleable Iron), Branford, Conn.
Massillon Iron & Steel Co., Massillon, O.
Milleer-Enwright Co., Sacramento, Cal.
Mott J. L. Iron Works, Trenton, N. J.
NASON MFG. CO. (Jobbers), 71 Fulton, New York. *See adv index at end of book*
Newbury J. G. Iron Works, Coxsackie, N. Y.
Newbury Jay H. (Cast Iron), Goshen, N. Y.
Nordeen H. G., Everett, Wash.
Oil Well Supply Co. (Malleable & Cast Iron), 215 Water, Pittsburgh, Pa.
Pancoast Henry B. Co. (Malleable Iron), 245 S 3d, Phila., Pa.
Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.

Richardson-Phenix Co. ("Union-Cinch," Threadless, Clamps the Pipe), 122 Reservoir av, Milwaukee, Wis.
Rhode Island Fittings Co., Hills Grove, R. I.
Roe & Conover (Steam, Gas & Water Pipe & Fittings), 206 Frelinghuysen av, Newark, N. J.
See adv index at end of book
Sacramento Pipe Works, Sacramento, Cal.
Schaw-Batcher Co., Sacramento, Cal.
Selah Mfg. Co. (Threadless), Green & Columbia, Newark, N. J.
Sherman H. B. Mfg. Co. (Brass), Battle Creek, Mich.
Simmons John Co., 110 Centre, New York
South Park Foundry & Machine Co. (Cast Iron Flanged Pipe & Fittings), St. Paul, Minn.
Stockham Pipe & Fittings Co. (Cast Iron), Birmingham, Ala.
Tamaqua Mfg. Co. (Cast Iron), Tamaqua, Pa.
Thompson-Diggs Co., Sacramento, Cal.
Thompson J. & Co., Van Horn & Sophia, Phila., Pa.
Threadless Pipe Fitting Co., Greene & Columbia, Newark, N. J.
Tight Joint Co. ("Folly's" Never Leak Tight Joint), 310 E 47th, New York
U. S. Cast Iron Pipe & Foundry Co., Burlington, N. J.
Walsh & Weidner Boiler Co., Chattanooga, Tenn. *See adv index at end of book*
Walworth Mfg. Co. (Malleable & Cast Iron), Boston, Mass.
Wilfert John Co., 258 B'way, New York

4817— *Fittings (Pipe Rail)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book

4818—Fittings (Push Button, Closet Tank)

Attwood Brass Works, Grand Rapids, Mich.
Exeter Brass Works, Exeter, N. H.
Frost Mfg. Co., Kenosha, Wis.
Trenton Brass & Machine Co. (For Low Down Tanks), Trenton, N. J.

Fittings (Railing)

See Fittings, Brass Pipe Railing; also Fittings, Iron Railing

4819— *Fittings (Semi-Steel)

Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

Fittings (Soil Pipe)

See Cast Iron Soil Pipe & Fittings Manufacturers

4820—Fittings (Switchboard Pipe)

Electrical Engineers Equipment Co. (Malleable Iron), 711 Meridian, Chicago, Ill.
Selah Mfg. Co. (Threadless), Green & Columbia, Newark, N. J.

4821— Fittings (Tight Joint)

Tight Joint Co. ("Folly's" for Steam, Hydraulic, Ammonia, Compressed Air, etc), 310 E 47th, New York

4822— Fittings (Vent)

Acheson Mfg. Co. (Brass), Rankin, Pa.
Prier Brass Mfg. Co., Kansas City, Mo.
Essex Foundry, Newark, N. J.
Haydenville Co., Haydenville, Mass.
Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
Prier Brass Mfg. Co., Kansas City, Mo.
Sweet A. L. Iron Works, Medina, N. Y.
Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.
Wolverine Brass Works, Grand Rapids, Mich.

4823— *Fittings (Y)

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Service Engineering Co., 25 Church, New York

4824—Fixtures (Bank, Office & Store)

Cabinet Wood-Work

Aetna Cabinet Co., Indianapolis, Ind.
American Bank Protection Co. (Steel), 1201 S 3rd, Minneapolis, Minn.
American Fixture Co., St. Joseph, Mo.
American Sash & Door Co., Kansas City, Mo.
Andrews A. H. Co., 115 S Wabash av, Chicago, Ill.
Armstrong, Landon Co., Kokomo, Ind.
Ayers-Cihlar-Ransom Co., 726 S Desplaines, Chicago, Ill.
Berger Specialty Mfg. Co. (Steel), Richmond, Va.
Best Mfg. Co., Peoria, Ill.
Bloom Alfred Co., Omaha, Neb.
Budde & Weis Mfg. Co., Jackson, Tenn.
Bush Jas. S. Co., 239 B'way, New York
California Show Case Co., Los Angeles, Cal.
Carr, Ryder & Adams Co. (Wholesale Mfrs.), Dubuque, Ia.
Carr & Baal Co., Des Moines, Ia.
Carter Mfg. Co., Keokuk, Ia.
Chryster & Koppin (Store), 819 W Warren av, Detroit, Mich.
Cleveland Store Fixture Co., Cleveland, O.
Cole Mfg. Co., Memphis, Tenn.
Columbia Lumber & Mfg. Co., Columbia, S. C.
Crescent Mfg. Co., Louisville, Ky.
Curtis Bros. & Co., Clinton, Ia.
Decatur Fountain Co., Decatur, Ill.
Derby Desk Co., Somerville, Mass.
Doten-Dunton Desk Co., 25 Arch, Boston, Mass.
Ehrlich H. & Sons Mfg. Co., St. Joseph, Mo.
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Federal Equipment Co., Carlisle, Pa.
Federal Steel Fixture Co., 189 W Madison, Chicago, Ill.
Fielder & Allen Co., Atlanta, Ga.
Forbes A. J. & Son, 1530 Filbert, San Francisco, Cal.
Fridman Lumber Co., New Richmond, O.
Gordon, Vantine Co., Davenport, Ia.
Grand Rapids Show Case Co. (Wood, Store Only), Grand Rapids, Mich.
Gribben Lumber Co., 975 E 7th, St. Paul, Minn.
Hagerstown Mantel & Furniture Co., Hagerstown, Md.
Hamburger E. & Co., 139 Emerson pl, Brooklyn, N. Y.
Himmel M. L. & Son, 109 N Frederick av, Baltimore, Md.
Huck Mfg. Co., Quincy, Ill.
Improved Office Partition Co., Broome & Clark, New York
International Steel & Iron Co., Evansville, Ind.
Jackson A. R. Kansas City Show Case Works Co., 620 E 3d, Kansas City, Mo.
Johannesen Mfg. Co., Erie, Pa.
Johnson Albert & Co., E Boston, Mass.
Kaaz Mfg. Co., Atchison, Kan.
Kleeman W. & Co., 101 Park av, New York
Knittel Jos. Show Case Co., Quincy, Ill.
Knoff Mfg. Co., Mankato, Minn.
Koehler & Hinrichs, St. Paul, Minn.
Loetscher & Burch Mfg. Co., Des Moines, Ia.
Lookout Planing Mills, Chattanooga, Tenn.
McLean W. B. Mfg. Co., 1050 Herron av, Pittsburgh, Pa.
Maclean J. S., Spring & Water, Columbus, O.
Mailander Co., Waco, Texas
Marysville Cabinet Co., Marysville, O.
Moline Furniture Works, Moline, Ill.
Moore Mfg. Co., Springfield, Mo.
Morgan Lumber & Mfg. Co., Charleston, W. Va.
Multiplex Display Fixture Co. (Automatic Display), 918 N 10th, St. Louis, Mo.
National Show Case Co., Columbus, Ga.
Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill. ***See adv index at end of book***
New York Store Fixture Co., 5 E 137th, New York
New York Wood Working Corp., 502 E 19th, New York
Northwestern Furniture Co., 271 W Water, Milwaukee, Wis.
Northwestern Marble & Tile Co., 27th av S & 27th, Minneapolis, Minn.
Ohmer's M. Sons Co., Dayton, O.
Phoenix Furniture Co., Eau Claire, Wis.
Rochester Show Case Works, Rochester, N. Y.
St. Louis Bank Equipment Co., 811 Walnut, St. Louis, Mo.
Schmid John 58 Oak, San Francisco, Cal.
Schwarzwaelder W. & Co., Chichester, N. Y.
Segale Mfg. Co., 68 E Spring, Columbus, O.
Shaw Furniture Co., Cambridge, Mass.
Sjostrom John E. Co., 923 Columbia, Phila., Pa.
Skow Mfg. Co., Newton, Ia.
Southern Seating & Cabinet Co., Jackson, Tenn.
Springfield Pl'g Mill, Lumber & Constr. Co., Springfield, Mo.
Standard Mfg. Co., Appleton, Wis.
Steel Equipment Corp., Avenel, N. J.
Stillwater Mfg. Co., Stillwater, Minn.
Storandt J. W. Mfg. Co., Rochester, N. Y.
Stow & Davis Furniture Co., Grand Rapids, Mich.
Taylor Wm. M. Mantel & Grate Co. (Wood), 26 S 3rd, Columbus, O.
Toledo Desk & Fixture Co., Toledo, O.
Variety Mfg. Co. (Steel), 2958 Carroll av, Chicago, Ill.
Walrus Mfg. Co., Decatur, Ill.
Wearin J. H. & Co., Charlotte, N. C.
Weary & Alford Co., 1907 Michigan av, Chicago, Ill.
Western Planing Mill Co., Wichita, Kans.
Huttig Mill Works Co., Kansas City, Mo.
Whitcomb Cabinet Co., Kansas City, Mo.
Williams & Hunting Co., Cedar Rapids, Ia.
Winter Co., Sheboygan, Wis.
Wisconsin Iron & Wire Co., Milwaukee, Wis.
Wollaeger Mfg. Co., 28 Juneau av, Milwaukee, Wis.
Yawman & Erbe Mfg. Co., Rochester, N. Y.

4824a— *Fixtures (Bronze)

GORHAM CO. ARCHITECTURAL BRONZE, 5th av & 36th, New York
See adv index at end of book
Herwig Art Shade & Lamps Co., 2140 N Halsted, Chicago, Ill.
See adv index at end of book

Fixtures (Car Door)

See Car Doors & Fittings

4824a1—*Fixtures (Cellar Window)

See also Cellar Window Sets

McKinney Mfg. Co., Locust, Pittsburgh, Pa.
National Mfg. Co., Sterling, Ill.
Stanley Works, New Britain, Conn.
See adv index at end of book

4824b—*Fixtures (Display Revolving)

Newman Mfg. Co., 717 Sycamore, Cincinnati, O., & 68 W Washington, Chicago, Ill. *See adv index at end of book*

Hendricks' Commercial Register

is not a Catalog of Advertisers alone, but a Complete Register of the manufacturers and jobbers in every line of trade that comes within the scope of the work.

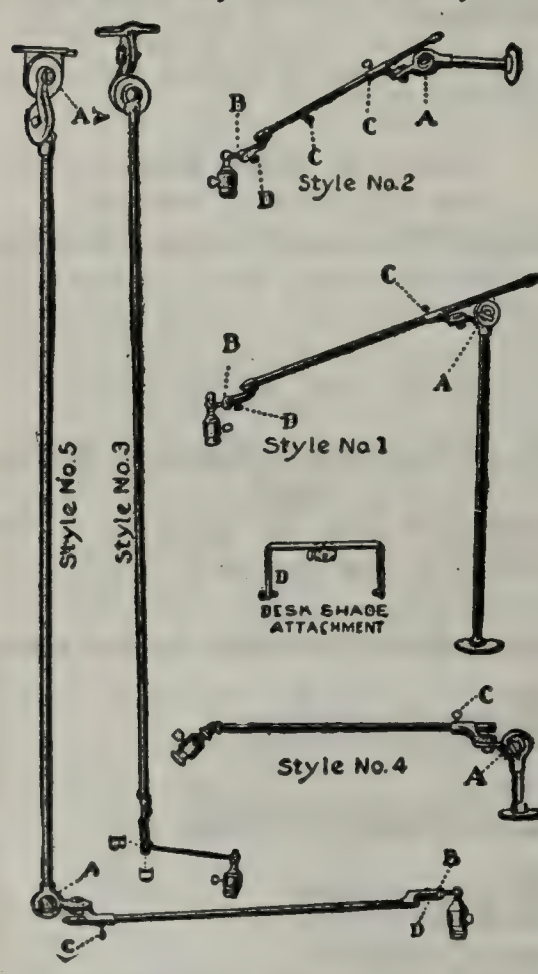
4824c—Fixtures (Display Window, etc.)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

4825—Fixtures (Electric, Adjustable Wall & Ceiling)

Adjustable Fixture Co., 305 Mfgrs. Home, Milwaukee, Wis.
Bryant Electric Co., Bridgeport, Conn.
Coffin Valve Co. ("Neponset"), Neponset, Boston, Mass.
Faries Mfg. Co., Decatur, Ill.
Forg Peter Mfg. Co., Somerville, Mass.
Franklin Specialty Mfg. Co. ("Anderson" Adjustable), 710 Eddy bldg, Providence, R. I.
Franks Mfg. Co., Rock Island, Ill.
Herwig Art Shade & Lamp Co., 2140 N Halsted, Chicago, Ill.
See adv index at end of book
Hill, W. H., Cambridge Springs, Pa.
Keith Mfg. Co., Clinton, N. Y.
Lindblad K. F. M., 65 Sudbury, Boston, Mass.
McCrosky Reamer Co., Meadville, Pa.
McFaddin H. G. & Co. ("Mefcolite"), 38 Warren, New York
MORSE FRANK W. ("Morse" For Factory & Shop Use Only), 289 Congress, Boston, Mass.
See adv index at end of book

MORSE
Adjustable Electric Fixtures
FOR MILLS, FACTORIES, Etc.



Are the Strongest, Simplest, Most Adjustable and lowest in price of any made, and are approved by National Board of Underwriters.

SEND FOR PRICE LIST

FRANK W. MORSE
289 Congress St. BOSTON, MASS.

Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 N Washington, Chicago, Ill. *See adv index at end of book*
Van Doren E. I., Troy, N. Y.
White O. C. Co., Worcester, Mass.
Zang J. E., Johnstown, Pa.

4826— Fixtures (Flag Pole)

Driver John ("Boss"), San Leandro, Cal.
Howes Forest E. ("Buckley Non-Tangle"), 307 Atlantic av, Boston, Mass.

4827—Fixtures (Hardware Display)

Duluth Show Case Co. (Wood Sectional), Duluth, Minn.
Garden City Plating & Mfg. Co., 1430 S Talman av, Chicago, Ill.
Multiplex Display Fixture Co. ("Multiplex"), 918 N 10th, St. Louis, Mo.
Warren J. D. Mfg. Co., 159 N State, Chicago, Ill.

4828— Fixtures (Hay Rack)

MYERS F. E. & BRO., 800 Orange, Ashland, O. *See adv index at end of book*
Pratt Wm. E. Mfg. Co. ("Hemm's"), 35 W Lake, Chicago, Ill.

4829—*Fixtures (Liquid Soap)

Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill.
See adv index at end of book

LIQUID SOAP & FIXTURES
THE IMPERIAL BRASS MFG CO
CHICAGO

4830—*Fixtures (Outlet, Coal Chute)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book

4831— Fixtures (Silo)

Kalamazoo Tank & Silo Co., Kalamazoo, Mich.
New Monarch Machine & Stamping Co. (Iron & Steel), Des Moines, Iowa
Storm Lake Tank & Silo Co., Storm Lake, Ia.

Fixtures (Store)

See Store & Bar Fixtures

4832-3—Fixtures (Street Lighting)

HARTER MFG. CO. ("Nitrolites," "Deluxlites"), 524 S Clinton, Chicago, Ill.

4834—Fixtures (Street Series, Electric Lamp)

BENJAMIN ELECTRIC MFG. CO., 128 S Sangamon, Chicago, Ill.
See adv index at end of book
Luminous Unit Co., Jefferson & Washington avs, St. Louis, Mo.
Philadelphia Electrical & Mfg. Co. ("Pemco"), 1236 N 31st, Phila., Pa.
Wheeler Reflector Co. ("Wheeler"), 156 Pearl, Boston, Mass.

4835—Fixtures (Tungsten Lamp)

BENJAMIN ELECTRIC MFG. CO. (Electric Factory Lighting), 128 S Sangamon, Chicago, Ill.
See adv index at end of book
Line Material Co., South Milwaukee, Wis.

4836— Fixtures (Tungstolier)

Tungstolier Works of General Elec. Co., Cleveland, O.

4836a—Fixtures (Wall, Sectional Interchangeable)

Grand Rapids Show Case Co., Grand Rapids, Mich.

4837— Flag Mfrs.

See also Bunting Mfrs.

American Flag Co., 73 Mercer, New York
American Flag Mfg. Co., Easton, Pa.
Anness H. W. & Co., 409 Pearl, New York
Annin & Co., 99 Fulton, New York
Betsey Ross Flag Co., Newburgh, N. Y.
Central Railway Signal Co., 1st Natl. Bk. bldg, Pittsburgh, Pa.
Channon H. Co., 150 N Market, Chicago, Ill.
Chicago Flag & Decorating Co., 1345 S Wabash av, Chicago, Ill.
De Grauw, Aymar & Co., 34 South, New York
Dettra Jno. C. & Co., Oaks, Pa.
Geraghty & Co. (Pennant, Society, etc), 3035 W Lake, Chicago, Ill.
Goss J. C. Co., Detroit, Mich.
Greenwood-Atkinson-Armstrong Co., Detroit, Mich.
Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
Horstmann Wm. H. Co., 5th & Cherry, Phila., Pa.
Humphry's R. A. Sons, 1021 Callowhill, Phila., Pa.
Johnson John Co., Detroit, Mich.
Magee M. & Son, 147 Fulton, New York
Mills Andrew & Sons, 53 South, New York
National Flag Co., 1012 Flint, Cincinnati, O.
Pasquale B. Co., Inc., 115 Post, San Francisco, Cal.
Passaic Print Works (Cotton), Passaic, N. J.
Rehm & Co., 214 Washington, New York
Reproduction Co., 351 Jay, Brooklyn, N. Y.
Rowe E. L. & Son, Gloucester, Mass.
United States Flag Co., 329 Lock, Cincinnati, O.
Wales H. A. Co. (Who. Dlrs.), Bridgeport, Conn.
Ward-Stilson Co. (Bunting), Anderson, Ind.
Whitehead & Hoag Co. (Banners), 272 Sussex av, Newark, N. J.
Wyle J. J. & Bros. Inc. (Silk, also Banners), 20 E. 27th, New York

4837a— Flag Staffs

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

4837b— Flag Stands

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

4838—Flags (Railway Signal, Etc.)

American Flag Mfg. Co., Easton, Pa.
Carpenter Geo. B. & Co. (All Kinds & Descriptions), 440 North Wells, Chicago, Ill.
Central R'way Signal Co., First National Bank bldg, Pittsburgh, Pa.
Handlan-Buck Mfg. Co. ("Prahm" & "Lanius" Metallic, also Bunting), 210-14 N 3rd, St. Louis, Mo.
Patton R. J. & Co., 222 E 4th, Cincinnati, O.

4839— Flangers (Snow)

Russell Car & Snow Plow Co., Ridgway, Pa.

4840— Flanges (Bibb)

American Foundry & Mfg. Co., (Brass), 11th & Herbert, St. Louis, Mo.
American Pin Co. ("Ampinco"), Waterbury, Conn.
Glauber Brass Mfg. Co. (Brass), 494 Superior av, Cleveland, O.
Hays Mfg. Co., Erie, Pa.
McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.
See adv index at end of book

4841—Flanges (Boiler, Forged Steel)

AMERICAN SPIRAL PIPE WORKS, Chicago, Ill. *See adv index at end of book*
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Sundberg Co., 1024 W Kinzie, Chicago, Ill.

4842— Flanges (Brass)

Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McNab & Harlin Mfg. Co., 55 John, New York

McRae & Roberts Co., 227 Campbell av, Detroit, Mich.
See adv index at end of book
Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 N Washington, Chicago, Ill. *See adv index at end of book*
New York Brass Foundry Co., 104 Centre, New York
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.

4843—Flanges (Cast & Malleable Iron)

American Foundry & Construction Co., 2d av & Longworth, Pittsburgh, Pa.
American Foundry & Mfg. Co. (Cast Iron), 11th & Herbert, St. Louis, Mo.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Donaldson Iron Co., Emaus, Pa.
General Fire Extinguisher Co. (Cast Iron Only), Providence, R. I.
Hays Mfg. Co. (Cast Iron), Erie, Pa.
Kaltenthaler H. J. (Grey & Gun Iron, Cast Steel & Bronze), 234 Cherry, Phila., Pa.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Kennedy Valve Mfg. Co. (Cast Only), Elmira, N. Y.
LUNKENHEIMER CO. (Cast) Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Malleable Iron Fittings Co. ("M. I. F. Co." Mall.), Branford, Conn.
McNab & Harlin Mfg. Co., 55 John, New York
National Malleable Casting Co. (Malleable Iron), 7706 Platt, S E, Cleveland, O.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Philadelphia Roll & Machine Co. (Cast Iron & Steel), 25th & Washington av, Phila., Pa.
Pittsburgh Piping & Equipment Co., 35th & Charlotte, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Standard Cast Iron Pipe & Foundry Co. (Grey Iron), Bristol, Pa.

4844— Flanges (Companion)

American District Steam Co. (Slotted Angle & Adjustable Wedge), North Tonawanda, N. Y.
American Foundry & Construction Co., 2d av & Longworth, Pittsburgh, Pa.
Edward Valve & Mfg. Co. ("Edward" Heavy Forged Steel), Edison bldg, Chicago, Ill.
Essex Foundry, Murray, Newark, N. J.
Kaltenthaler H. J., 234 Cherry, Phila., Pa.
LUNKENHEIMER CO., Executive Offices & Factories Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.

4845—Flanges (Floor, Closet Connection)

Edwardsville Brass Co., Edwardsville, Ill.
Eichman J. C. Mfg. Co., Bush & Wicomico, Baltimore, Md.
Pittsburgh Brass Mfg. Co. (Brass), Pittsburgh, Pa.
Prier Brass Mfg. Co., Kansas City, Mo.
Standard Sanitary Mfg. Co. ("Durham" Ball Joint), Bessemer bldg, Pittsburgh, Pa.
Trenton Brass & Machine Co., Trenton, N. J.
Trenton Potteries Co. ("Donovan"), Trenton, N. J.

4846—Flanges (Floor & Ceiling)

Advance Mfg. Co., Erie, Pa.
American Brass & Copper Co. (Brass Floor Flanges), 138 Lafayette, New York
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
American Pin Co. ("Ampinco"), Waterbury, Conn.
Edwardsville Brass Co. (Closet Floor), Edwardsville, Ill.
Glenn Fred. E., St. Charles, Ill.
Hays Mfg. Co., Erie, Pa.
Modern Iron Works, Quincy, Ill.
Newbury J. H., Goshen, N. Y.
Pittsburgh Brass Mfg. (Brass Closet Floor), Pittsburgh, Pa.
Trenton Potteries Co. ("Donovan" Closet Floor), Trenton, N. J.

4847— Flanges (Hub)

AMERICAN SPIRAL PIPE WORKS (Heavy Forged & Rolled Steel), Chicago, Ill. *See adv index at end of book*
Bossert Corporation (The) (For Wood or Wire Automobile Wheels), Utica, N. Y.
See adv index at end of book
Crosby Co., 183 Pratt, Buffalo, N. Y.
Detroit Pressed Steel Co. (Pressed Steel), Detroit, Mich.
Gier Pressed Steel Co., Lansing, Mich.
Hartford Machine Screw Co., Hartford, Conn.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Hydraulic Pressed Steel Co., Cleveland, O.
Mossberg Frank Co. (Automobile & Carriage), Attleboro, Mass.
National Malleable Castings Co., 7706 Platt, S E, Cleveland, O.
Worcester Pressed Steel Co., Worcester, Mass.

4848— Flanges (Pipe)

See also Fittings, Flanged, also Fittings, Pipe
Allegheny Forging Co., 1st Nat'l Bank bldg, Pittsburgh, Pa.
American Foundry & Construction Co., 2d av & Longworth, Pittsburgh, Pa.
AMERICAN SPIRAL PIPE WORKS, Chicago, Ill. *See adv index at end of book*
Bonney Vise & Tool Works, Allentown, Pa.
See adv index at end of book
Dart E. M. Mfg. Co. ("Dart"), 1012 Eddy, Providence, R. I.
See adv index at end of book
FAIRBANKS CO. ("Dart"), 416 Broome, New York
For branch offices see Alphabetical Section
Imperial Iron Works (Inc.) (High & Low Pressure), Duluth, Minn.
Jefferson Union Co. ("Jefferson"), Lexington, Mass.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
NASON MFG. CO. (Jobbers), 71 Fulton, New York. *See adv index at end of book*
National Valve & Mfg. Co. (Cast Iron), 31st & Liberty, Pittsburgh, Pa.
Pittsburgh Piping & Equipment Co., 35th & Charlotte, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Standard Steel Works Co. (Steel), Morris bldg, Phila., Pa.
Tamaqua Mfg. Co. (Cast Iron), Tamaqua, Pa.

4849—Flanges (Pipe, Forged Steel)

AMERICAN SPIRAL PIPE WORKS, Chicago, Ill. *See adv index at end of book*
Bonney Vise & Tool Works, Allentown, Pa.
See adv index at end of book
Ladish Drop Forge Co., Cudahy, Wis.
Millersburg Fifth Wheel Co., Millersburg, Pa.
O'Leary Arthur J. & Son Co., 65th & 57th av, Chicago, Ill.
Railway Steel Spring Co., 30 Church, New York
Standard Steel Works Co., Morris bldg., Phila., Pa.

4850—Flanges (Pipe, Pressed Steel)

Central Iron & Steel Co., Harrisburg, Pa.
Glasgow Iron Co., Pottstown, Pa.
Lukens Steel Co., Coatesville, Pa.

4851—Flanges (Pipe, Rolled Steel)

American Foundry & Construction Co., 2d av & Longworth, Pittsburgh, Pa.
AMERICAN SPIRAL PIPE WORKS, Chicago, Ill. *See adv index at end of book*
Columbia Steel Co., Widener bldg, Phila., Pa.
Penna. Forge Co., Wakeling & Bermuda, Phila., Pa.
Pittsburgh Piping & Equipment Co., 35th & Charlotte, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construc- Co., 26th & A. V. R. R., Pittsburgh, Pa.

4852— Flanges (Pump)

Crestline Mfg. Co. ("Crestline" for Cased Wells), Crestline, O.

4853— Flanges (Railing)

Glauber Brass Mfg. Co., 49th & Superior av, Cleveland, O.
Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.

4854— Flanges (Roof)

Acme Mfg. Co. ("Acme" Adjustable), Bangor, Me.
Adjusto Specialty Co. ("Adjusto" Galvanized Iron & Copper), Springfield, Mass.
Bourneuf Louis Corp., Lynn, Mass.
Bullard Specialty Co. (Adjustable), Tiffin, O.
Davis-Watson Mfg. Co, ("Watson"), Nashua, N. H.
Go-Ro Mfg. Co., 826 Baronne, New Orleans, La.
Hessler H. E. Co. ("McGuire," "Star" Adjustable), Syracuse, N. Y.
Manchester J. B. Co., 190 Eddy, Providence, R. I.
O. K. Roof Flange Co., Fremont, Neb.
Overton Adjustable Roof Joint Mfg. Co., Coeur d'Alene, Idaho
Prier Brass Mfg. Co. ("Flash," "S. M. S." Lead), Kansas City, Mo.
Simplex Mfg. Co., 313 S Clinton, Chicago, Ill.
Witch Mfg. Co., Salem, Mass.
Wizard Mfg. Co. ("Wizard"), 15 Fayette, Boston, Mass.

4855—Flanges (Safety, Emery Wheel)

Webster & Perks Tool Co., Springfield, O.

4855a—*Flanges (Saw Shingle)

SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

4855b— Flanges (Steel Welded)

STANDARD PARTS CO., Cleveland, O.
See adv index at end of book

4856— Flanges (Welded)

American Foundry & Construction Co., 2d av & Longworth, Pittsburgh, Pa.
Ballwood Co. ("Ballwood" up to 5000 lbs. Pressure), 30 Church, New York
Kellogg M W. Co., 90 West, New York
See adv index at end of book
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.

4857— Flanges (Wheel)

Bossert Corp. (The), Utica, N. Y.
See adv index at end of book
National Malleable Castings Co. (For Buggies, Wagons, etc.), 7706 Platt av, S E, Cleveland, O.

4858— Flannels (Cotton)

Appleton Co. (White & Colored Outing), Lowell, Mass.
Aurora Cotton Mills (Outing), Burlington, N. C.
Boston Duck Co., Bondsville, Mass.
Brogon Mills (Flannelettes), Anderson, S. C.
Brown Mfg. Co. (Domets), Concord, N. C.
Chicopee Mfg. Corp., Chicopee Falls, Mass.
Durham Cotton Mfg. Co., East Durham, N. C.
Eagle & Phenix Mills (Kimona Outing) Columbus, Ga.
Elmira Cotton Mills Co. (Outing), Burlington, N. C.
Erwin Cotton Mills Co. (Mottled & Canton), West Durham, N. C.
Falls Co. (Domets, Outing, etc.), Norwich, Conn.
Glencoe Mills (Domets), Burlington, N. C.
Hamilton Mfg. Co. (Domets, Canton, Mottled & Solid Cotton), Lowell, Mass.
Indian Head Mills of Ala., Cordova, Ala.

FLANNELS (Cotton)—continued
Jackson Co., Nashua, N. H.
Locke Cotton Mills Co., Concord, N. C.
Manetta Mills, Lando, S. C.
Mass. Cotton Mills (Canton), Lowell, Mass.
Minneola Mfg. Co. (Dress & Outing), Gibsonville, N. C.
Nashua Mfg. Co., Nashua, N. H.
Old Colony Mfg. Co., Taunton, Mass.
Pemberton Co., Lawrence, Mass.
Revolution, Cotton Mills (Colored & Bleached Canton), Greensboro, N. C.
Rushton Cotton Mills (Domets), Griffin, Ga.
Southern Mfg. Co. (Canton), Athens, Ga.
Thorndike Co., Thorndike, Mass.
Travora Mfg. Co. (Heavy Napped), Graham, N. C.
Tremont & Suffolk Mills (Canton & French), Lowell, Mass.
Whittenton Mfg. Co., Taunton, Mass.
Williamson J. N. & Sons Co. (Domets & Flannelettes), Burlington, N. C.

4859— Flannels (Woolen)

Agawam Co., Agawam, Mass.
Algonquin Co., Passaic, N. J.
Alpena Woolen Mills Co., Alpena, Mich.
Amana Society, Amana, Ia.
Apollo Woolen Mills, Apollo, Pa.
Atlantic Mills, 120 Manton av, Providence, R. I.
Ballard Vale Mills Co. (Fine White), Ballard Vale, Mass.
Barnesville Mfg. Co., Barnesville, W. Va.
Barron Woolen Mill Co., Barron, Wis.
Bedford Mills Co., Bedford, Va.
Birdsall Bros. Co., Honesdale, Pa.
Blue J. J. & Son, Ettrick, Wis.
Botany Worsted Mills, Passaic, N. J.
Brown's G. Sons, Mount Joy, Pa.
Brownsville Woolen Mills Co., Brownsville, Ore.
Brunger S. & Co., Sullivan, Ind.
Buckhannon Woolen Mills, Buckhannon, W. Va.
Buell Mfg. Co., St. Joseph, Mo.
Cal. Woolen Mfg. Co., California, Mo.
Carlton E. G. & Sons (White), Rochdale, Mass.
Carruth J. G. & Co., Indiana av & Rosehill, Phila., Pa.
Cedar Bluff Woolen Co., Cedar Bluff, Va.
Cedarburg Woolen Mills, Cedarburg, Wis.
Chapel Mills Mfg. Co., Cherry Valley, Mass.
Cheshire Mills (All Wool Plain & Twilled Colored Flannels), Harrisville, N. H.
Davis C. M. & Co. (White), Northfield, Vt.
Dodge-Davis Mfg. Co., Bristol, N. H.
Dole E. & Co., Campton, N. H.
Dresden Woolen Mills, Dresden, O.
Eugene Woolen Mill Co., Eugene, Ore.
Fabyan Woolen Co. (Cotton Warp Shirting), Stafford Springs, Conn.
Faribault Woolen Mill Co., Faribault, Minn.
Farnsworth Co., Lisbon Center, Me.
Freeland Mfg. Co., Freeland av & Walnut, La., Phila., Pa.
Gibboney A. R. & Co., Reedsville, Pa.
Goodwin C. E. & Sons, Cumberland Gap, Tenn.
Graff P. & Co., Worthington, Pa.
Groveland Mills, South Groveland, Mass.
Harris Emery Co. (White), Penacook, N. H.
Heathcote S. E. & Co., Glen Rock, Pa.
Heikes E. K., York Springs, Pa.
Houlton Woolen Mill, Houlton, Me.
Howarth A. & Son (White), Oxford, Mass
Jamestown Worsted Mills, Jamestown, N. Y.
Kay T. Woolen Mill Co., Salem, Ore.
Keller J. B., Houserville, Pa.
Kennedy D. & Sons, Monticello, Wis.
Kent Mfg. Co., Clifton Heights, Pa.
Langville Woolen Mills Co., Langville, Pa.
Liebhardt William L. & Co., Middletown, Ind.
Litchfield Woolen Mills Co., Litchfield, Minn.
Lonsdale's J. Sons, Dale, Ia.
McAnespie J. & Co., Lancaster, O.
Mahaffy Bros., Pulaski, N. Y.
Melville Woolen Co. (Men's), Chambersburg, Pa.
Morrison Woolen Co., Dexter, Me.
Mystic Woolen Co., Mystic, Conn.
Nashua Woolen Mills, Nashua, Ia.
Newton & Co., Homer, N. Y.
North Berwick Co. (French), North Berwick, Me.
North Star Woolen Mill Co., 228 S 2nd, Minneapolis, Minn.
Olney Woolen Mills (White), Cherry Valley, Mass.
Patrick F. A. & Co., Duluth, Minn.
Pondville Woolen Mills, Auburn, Mass.
Portland Woolen Mills, Portland, Ore.
Prairie du Chien Woolen Mill Co., Prairie du Chien, Wis.
Rich J. & Bros., Woolrich, Pa.
Richards Dexter & Sons Co., Newport N. H.
Schaeffer J. M., Sandy Lake, Pa.
Seymour Woolen Mills Co. (Skirtings), Seymour, Ind.
Shuler & Benninghofen, Hamilton, O.
Slater S. & Sons, Webster, Mass.
Spangler W. H., Fitzpatrick, W. Va.
Stevens C. A. & Co. (White), Ware, Mass.
Stickler J. M., Mauston, Wis.
Stirling Woolen Mills (All Wool), Lowell, Mass.
Suttons's Mills, North Andover, Mass.
Talbot Mills, North Billerica, Mass.
Vaughn, C. P. & Dunn, Willis, Va.
Virginia Woolen Co., Winchester, Va.
Webb T. A. W. & Son, Allensville, Pa.
West End Woolen Mills Co., 64th & South, Phila., Pa.
Woodcock A. B., Waterside, Pa.
Yantic Woolen Co., Yantic, Conn.

4860— Flare Lights

Carbic Mfg. Co., 301 So 55th av, Duluth, Minn.
Prest-O-Lite Co., Indianapolis, Ind.

4861—Flashers (Electric Sign)

A. & W. Electric Sign Co., Cleveland, O.
Betts & Betts Corp'n ("Betts"), 513 W 42d, New York
Campbell Electric Co., 17 Stewart, Lynn, Mass.
Crouse-Hinds Co., Syracuse, N. Y.
Electric Carriage Call & Specialty Co. ("Perfection"), 311 W 40th, New York
Electric Flasher Co., 80 5th av, New York
Emerson Electric Mfg. Co., 2024 Wash. av, St. Louis, Mo.
Flexlume Sign Co., 1453 Niagara, Buffalo, N. Y.
Gillette Electric Street Clock Co., 728 Buckingham pl, Chicago, Ill.
Grazier Elec. Sign Products Co., Johnstown, Pa.
Greenwood Advg. Co., 1942 S Main, Los Angeles, Cal.
Haller Sign Works, 213 W Austin av, Chicago, Ill.
Hoggson S. H. Co. ("Hemofam"), 27 Thames, New York
Norden Elec. Sign Co., 311 W 40th, New York
Phelps Mfg. Co. ("Skedoodle"), 265 Jefferson av, Detroit, Mich.
Reynolds-Dull Flasher Co. ("Dull's"), 18 Wells, Chicago, Ill.
Reynolds Electric Co. ("Reco"), 442 S Talman av, Chicago, Ill.
Ryan M. C. Co. ("Phoenix"), Phoenix, N.Y.
Tecla Elec'l Laboratory, 195 Cass av, Detroit, Mich.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

4862— Flashings (Roof)

Acme Mfg. Co. ("Acme"), Bangor, Me.
Berger Mfg. Co., Canton, O.
Davis-Watson Mfg. Co. ("Watson"), Nashua, N. H.
Edwards Mfg. Co., Cincinnati, O.
See adv index at end of book
Kansas City Flushing & Drain Co., 1433 Main, Kansas City, Mo.
Prier Brass Mfg. Co. ("Prier" Lead), Kansas City, Mo.
Standard Sheet Metal Mfg. Co., Washington, Pa.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.) (Also Wall, etc), Wheeling, W. Va.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER

4863—Flashlights (Electric Lamp and Lantern)

Ajax Elecl. Spec. Co., St. Louis, Mo.
American Carbon & Battery Co., E St. Louis, Ill.
American Ever Ready Works of Nat'l Carbon Co. ("Eveready Daylo"), Thompson av, L. I. City, New York
Anglo-American Co., 634 Smithfield, Pittsburgh, Pa.
B. & C. Mfg. Co., 290 Church, New York
Bridgeport Metal Goods Mfg. Co. ("Kwicklite"), Bridgeport, Conn.
Bright Star Battery Co., 316 Hudson, New York
Burgess Battery Co., Madison, Wis.
Burgess C. F. Laboratories, Madison, Wis.
Columbia Elec. Nov. Co., 58 W 15th, New York
Columbia Elec. Nov. Corp., 167 Wooster, New York
Curfman F. L. Mfg. Co., Maryville, Mo.
Delta Elec. Co., Marion, Ind.
Electro Importing Co., 283 Fulton, New York
Elux Miniature Lamp Division, 6 E 39th, New York
Enterprise Elec. Nov. Co., 137 Greene, New York
French Battery & Carbon Co., Madison, Wis.
Hansen Marvin W., 38 11th, Toledo, O.
Hawthorne Mfg. Co., Inc., Spruce & Howard, Bridgeport, Conn.
Import Sales Co., 27 W 20th, New York
International Battery Co., 453 Broome, New York
Interstate Electric Novelty Co., 104 So 4th, Brooklyn, N. Y.
Manufacturers & Inventors Elec. Co. ("Cats Eye"), 29 Gold, New York
Marcuson E. ("Knockabout"), 136 Liberty, New York
National Carbon Co., Madison av N. W & W 117th, Cleveland, O.
National Marine Lamp Co., Forestville, Conn.
Northwestern Storage Battery Co., 140 Mason, Milwaukee, Wis.
Peerless Light Co. ("Peerless"), 174 W Randolph, Chicago, Ill.
Portable Elec. Safety Light Co. ("Hubbell"), 10 Johnson, Newark, N. J.
Providence Electric Mfg. Co. ("Nitelite," "Little Rhody"), 23 Broad, Providence, R. I.
Radium Light Co., Arrott bldg, Pittsburgh, Pa.
Roka Battery Co., 27 W 20th, New York
Solar Light Co., 69 Wooster, New York
Standard Electric Novelty Co., 730 W Randolph, Chicago, Ill.
Strobel & Wilken Co. ("Yankee" Imp.), 61 W 23rd, New York
Tardie E. J., 156 5th av, New York
Union Battery Co., Belleville, N. J.
Universal Carbon Co., Dundee, Ill.
Universal Novelty Works ("Eclipse," "Milwaukee"), 164 5th av, New York
Usona Mfg. Co. ("Kwik-lite"), 1 Hudson, New York
Vesta Accumulator Co., 2100 Indiana av, Chicago, Ill.
Voltamp Electric Mfg. Co., 407 N Paca, Baltimore, Md.
Wilhelm Henry, 70 Frost, Brooklyn, N. Y.
Wood C. D. Electric Co., 441 B'way, New York

4864— Flask Stock (Wood)

Johnson Lumber Co., Milwaukee, Wis.

4865— Flasks (Molders')

Adams Co. (Cherry Snap), Dubuque, Ia.
Advance Engng. Co., Metta av, Cleveland, O.
Arcade Mfg. Co. ("Arcade" Snap), Freeport, Ill.
Baldwin, Tuthill & Bolton ("B. T. & B." All Steel Snap), Grand Rapids, Mich.
Barnett Oscar Foundry Co. ("Barnett" Molders & "New Diamond" Snap), Irvington, N. J.
Berkshire Mfg. Co. (Aluminum & Wood Snap also Iron), Whitney Power blk., Cleveland, O.

Brass Founders' Supply Co. (For Brass Fdrs., Ribbed, etc), Hamberg pl, Newark, N. J.
Bridgeport Die & Machine Co. ("Bridgeport" Snap), Bridgeport, Conn.
Buch Foundry Equipment Co. (Snap), Bridgeport, Pa.
Buch's A. Sons Co., Elizabethtown, Pa.
Cleveland Osborn Mfg. Co., 5405 E Hamilton av, Cleveland, O.
Columbiana Boiler Co., Columbiana, O.
Diamond Clamp & Flask Co. ("Diamond" Snap), Richmond, Ind.
Federal Foundry Supply Co., 2639 E 79th, Cleveland, O.
Grabo E. O. Machine Works, 180 Centre, New York
Green C. A. Co. ("Snap"), Toledo, O.
Hill & Griffith Co. ("Snap"), 1248 State av, Cincinnati, O., & Birmingham, Ala.
See adv index at end of book
Jurack Chas. (Cherry Snap), 201 Oregon, Milwaukee, Wis.
Middleditch Benj., Detroit, Mich.
Morner & Smith (Aluminum Snap), Dayton, O.
Obermayer S. Co., 2563 W 18th, Chicago, Ill.
Shanafelt Mfg. Co., Canton, O.
Smith & Caffrey Co. ("New Eureka" Snap). Syracuse, N. Y.
SNEAD & CO. IRON WORKS, 98 Pine, Jersey City, N. J.
See adv index at end of book
Stearns E. C. & Co. ("Stearns" Snap), 450 Oneida, Syracuse, N. Y.
Sterling Wheelbarrow Co. ("Sterling" Rolled Steel Snap), Milwaukee, Wis.
TREADWELL CONSTRUCTION CO. (Structural Steel), Midland, Pa.
See adv index at end of book
Turner Machine Co., 3632 N Lawrence, Phila., Pa.
Woodison E. J. Co., Detroit, Mich.

4865a—*Flasks (Steel Foundry)

Depp J. W. & Co. ("Sterling Lines" Dealers), 1420 Dime Bk. bldg, Detroit, Mich.

Flat Irons

See Sad Irons

4866— Flatters

Stanley Rule & Bevel Co. (Atha Division), New Britain, Conn.

4867— Flax

Blehdon V. R., Brisbane bldg, Buffalo, N. Y.
Livingston Jas. Flax Co., Ltd. (Hackled), Yale, Mich.
Minnesota Fibre Co. (Spinning), Heron Lake, Minn.
Union Fibre Co., Winona, Minn.

4868— Flaxseed

Ankeney Linseed Mfg. Co. (Screened & Ground), Des Moines, Ia.
Tetzfaff Wm. (Ground), 652 31st, Milwaukee, Wis.
Trilling H. & Co. (Ground), 1228 Arthington pl, Chicago, Ill.

4869— Fleams (Horse)

Wiebusch & Hilger (Imp), 106 Lafayette, New York
Wostenholm Geo. & Son ("I. X. L.," Imported), 105 Chambers, New York

4870— Fleshers (Tanners')

Emrich Phil., 624 Main, Cincinnati, O.

4871— Flights (Conveyor)

Bowsher N. P. Co. (Hard Maple), South Bend, Ind.
Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

4872— Flint

See also Quartz

Chrystal Chas. B., 13 Cliff, New York
See adv index at end of book
Doggett Stanley (Granulated & Powdered), 11 Cliff, New York
Dunkel S. P. & Son, Ostend & Leadenhall, Baltimore, Md.
Eureka Flint & Spar Co. (Miners), Trenton, N. J.
Golding Sons Co. (Also Spar Mills), Trenton, N. J.
Guilford & Waltersville Granite Co. (Rough & Ground), Law bldg, Baltimore, Md.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia.
Illinois Mineral Milling Co., East St. Louis, Ill.
New England Quartz Co. of N. Y. (Granulated, Powdered, Potters, etc), 107 William, New York
Pennsylvania Pulverizing Co. (Ground Flint & Quartz), Lewistown, Pa.
Product Sales Co. (Ground), 32 So Calvert, Baltimore, Md.
THROPP'S JNO. E. SONS CO., ft of Lewis, Trenton, N. J.
See adv index at end of book
Wausau Quartz Co. (Ground), Wausau, Wis.
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

4873—Flint Pebbles & Flint Linings

Abbe Engineering Co. (Flint Pebbles for Pebble & Tube Mill), 220 B'way, New York *See adv index at end of book*
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Atkins, Kroll & Co. ("Danish"), 311 California, San Francisco, Cal.
Buebendorf Bros. (Imp), Produce Exchange, New York
Delarue Robert & Co., 149 B'way, New York
Eureka Flint & Spar Co., Trenton, N. J.
Higman John W. Co. (Imp.), 29 B'way, New York
Patterson Foundry & Machine Co. (French), East Liverpool, O.
Product Sales Co. (Imp.), 32 So Calvert, Baltimore, Md.
Smidth F. L. & Co., 50 Church, New York
THROPP'S JNO. E. SONS CO., ft of Lewis, Trenton, N. J.
See adv index at end of book
Voigt B. (French & Danish), 154 Nassau, New York

4874— Floats (Car & Grain)

American Car & Foundry Co. (Steel or Wooden), Syndicate Trust bldg, St. Louis, Mo.

4875-6— Floats (Carbureter)

Armstrong Cork Co., 24th & A. V. R. R., Pittsburgh, Pa.
Detroit Metal Spinning Co., 197 Monroe av, Detroit, Mich.
Goodnow & Blake Mfg. Co. (Metal), 4th & Porter, Detroit, Mich.
Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill. *See adv index at end of book*

4877— Floats (Copper)

American Brass & Copper Co., 138 Lafayette, New York
American Copper & Brass Works, Cincinnati, O.
American Pin Co. ("Wonder" & "Ampinco"), Waterbury, Conn.
Ayling & Reichert Co. ("No-Sol" Seamless Copper), Toledo, O.
Blessing C. A., 516 Montgomery av, Phila., Pa.
Boekel Wm. & Co., 518 Vine, Phila., Pa.

AND **BB BALL COCKS**
BOSTON BRASS CO.
35 Bacon Street, Waltham, Mass.

Boston Brass Co. ("B. B.," "Dirigo" Solderless), 135 Bacon, Waltham, Mass.
See adv index at end of book
Cleveland Faucet Co., Cleveland, O.
Detroit Metal Spinning Co. (For Tanks), 197 Monroe av, Detroit, Mich.
Diamond Mfg. Co., Detroit, Mich.
Douglas Jno. Co. (Glass & Copper), Carthage, Cincinnati, O.
Engelhard Frank & Sons, 200 Franklin, Springfield, Mass.
Gerstein Bros. & Cooper, 3 W 3d, So Boston, Mass.
Harris Arthur & Co. (Seamless, All Kinds), 212 N Curtis, Chicago, Ill.
Haydenville Co., Haydenville, Mass.
Hercules Float Works ("Hercules" for Steam Pressure), 200 Franklin, Springfield, Mass.
Ireland & Matthews Mfg. Co., Detroit, Mich.
Johnson J. D. Co., 54 Cliff, New York
Kraft A. C. (Also Galvanized), 323 W Lake, Chicago, Ill.
Michigan Metal Spinning & Mfg. Co. ("Non-Collapsible" Solderless), 528 Woodbridge, Detroit, Mich.
Miller Chas. A. Co. (Corrugated, Also All Steel Seamless Porcelain Enameled), Sturgis, Mich.
Naugatuck Mfg. Co. (Seamless), Naugatuck, Conn.
Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
Pasteur-Chamberland Filter Co., Dayton, O.
Pfau Mfg. Co., Mentor & Huston, Norwood, Cincinnati, O.
Reliance Gauge Column Co. (Solderless), Cleveland, O.
Standard Brass Mfg. Co. (Spun Solderless), Utica, N. Y.
Trageser Jno. Steam Copper Works, 447 W 26th, New York
Trenton Brass & Machine Co., Trenton, N. J.
Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.
Union Metal Works (Spun), Chelsea, Mass.
Wolverine Brass Works ("Kant-Leak"), Grand Rapids, Mich.

4878— Floats (Crockery)

Bellmark Co., Trenton, N. J.
Maddock Jno. & Sons, Trenton, N. J.
Standard Sanitary Pottery Co., Elizabeth, N. J.
Trenton Potteries Co., Trenton, N. J.

Floats (Fishing)

See Fishing Tackle Mfrs.

4879— Floats (Glass)

Dargent Chas., 360 Crescent, Brooklyn, N. Y.
Heap Wm. & Sons, Grand Haven, Mich.

Floats (Life)

See Life Rafts

4880—Floats (Plasterers' Plain Cork)

Armstrong Cork Co., 24th & A. V. R. R., Pittsburgh, Pa.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

4880a— Floats (Seine)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Floats (Tell Tale)

See Alarms, Tank

4881— *Floats (Wooden)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

4882— Floor Coverings

Barrett Co., 17 Battery Pl, New York
Bird & Son ("Neponset"), East Walpole, Mass.
McHenry-Millhouse Mfg. Co. ("Palmetto"), South Bend, Ind.

Floor Dressing

See Floor Oils, Dust Absorbing

4883— Floor Finish

Acme White Lead & Color Works, Detroit, Mich.
Adams & Elting Co. ("Ad-el-ite" Floor Varnish), 726 Washington blvd, Chicago, Ill.
Atlantic Drier & Varnish Co., Meadow & Wolf, Phila., Pa.
Atlantic Varnish Works, Inc. ("Floorenite"), Richmond, Va.
Babcock John & Co., Allston, Boston, Mass.
BINSWANGER B. & CO. ("Zanzibolio"), 827 N 3d, Phila., Pa.
Boston Varnish Co. ("Kyanize"), Everett Station, Boston, Mass.
Bowers U. R. & Sons ("Afro-Lac"), Los Angeles, Cal.
Boydell Bros. White Lead & Color Co., Detroit, Mich.
Bridgeport Wood Finishing Works (Du Pont), Phila., Pa.
Butcher Polish Co. ("Butcher's Boston Polish" & "No. 3 Reviver"), 356 Atlantic av, Boston, Mass.
Calman Emil & Co. ("Floor Flat Lac"), 100 William, New York
Carpenter-Morton Co. ("Campbell"), 77 Sudbury, Boston, Mass.
Chicago Varnish Co. ("Supremis"), 2100 Elston av, Chicago, Ill.
Chicago Wood Finishing Co., 1309 Sloan, Chicago, Ill.
Cleveland Varnish Co. ("Permanere"), 3111 E 87th, Cleveland, O.
Devoe & Raynolds Co., Inc. ("Devoe," Marble), 101 Fulton, New York
Floor-Shine Mfg. Co., 2744 Olive, St. Louis, Mo.
GILMAN CHAS. H. ("Drescote"), 103 Merrimac, Boston, Mass.
Glidden Varnish Co. ("M. P." Durable Floor, "Jap a lac"), 1755 W. Madison, Cleveland, O.
Hanna Paint Mfg. Co. ("Lustro"), Columbus, O.
Harland Wm. & Son ("Wont-Mar"), Buffalo, N. Y.
Harrison Works (Du Pont), 35th & Grays Ferry rd, Phila., Pa.
Inlaid Floor Co., 18th & Alabama, San Francisco, & 4067 Watts, Emeryville, Cal.
Johnson S. C. & Son ("Johnson's" Kleen Floor), Racine, Wis.
Keystone Varnish Co. ("Floorstona," "Keystone"), 71 Otsego, Brooklyn, N. Y.
Lawrence W. W. & Co. ("Lik-E-Namel" for Floors, Furniture, etc), W Carson, Pittsburgh, Pa.
Lilly Varnish Co. (Parquetry Floor Preservative), Indianapolis, Ind.
Lincoln Paint & Color Co. ("Tintolac"), Lincoln, Neb.
Louisville Varnish Co., Louisville, Ky.
Masury Jno. W. & Son ("Nomar"), 50 Jay, Brooklyn, N. Y.
Murphy Varnish Co. ("Transparent"), McWhorter, Newark, N. J.
Newark Varnish Works ("Best" Elastic), 111 Delancey, Newark, N. J.
Nice Eugene E. ("Trokal" Liquid), 272 S 2d, Phila., Pa.
See adv index at end of book
Nubian Paint & Varnish Co., 1856 Leclaire av, Chicago, Ill.
O'Brien Varnish Co. ("Pyramid"), South Bend, Ind.
Patterson-Sargent Co. ("China-Lac"), Cleveland, O.
Pratt & Lambert, 185 Madison av, New York
Smith Edward & Co. ("I. X. L."), 127 W av, Long Island City, N. Y.
Standard Varnish Works (Gutta Percha & Flattine "Elastica," "Lacqueret," "Stanvar"), 2589 Richmond ter, Elm Park, N. Y.
Standard Varnish Works ("Elastica"), 90 West, New York
Thurston F. W. Co., 1832 S Clark, Chicago, Ill.
Vilas Bros. (Floorum Varnish), 717 S 5th av, Chicago, Ill.
Wadsworth-Howland Co., 225 N Carpenter, Chicago, Ill.
Waterall Wm. & Co. ("Floorcote"), Camden, N. J.
Whitehead Paint Co., 702 W 48th, New York
Wiley I. H. Waxene Co. ("Wiley's Waxene"), 68 Dover, W Boston, Mass.
Wood-Mosaic Co., New Albany, Ind.
Wadsworth, Howard & Co. ("Bay State"), 141 Federal, Boston, Mass.

Floor Lights

See Vault & Sidewalk Lights, Plain & Prismatic

4884—Floor Oils (Dust Absorbing)

Alcatraz Co., Inc. ("Deo"), 3200 Williamsburg av, Richmond, Va.
American Dust Absorbing Floor Oil Co., 100 Greene, New York
Apothecaries Hall Co. ("Essex," "Revival"), Waterbury, Conn.
Baum Bros. Co., Denver, Colo.
Bird J. A. & W. & Co. ("Globe"), 88 Pearl, Boston, Mass.
Brown Chas. H. Paint Co. ("Statesman"), 188 Montague, Brooklyn, N. Y.
Dexter Bros. Co. (English Wood Oil Polish), 105 Broad, Boston, Mass.
Emery Mfg. Co., Bradford, Pa.
Glidden Varnish Co. ("Glidden" Concrete Floor Dressing for Concrete & Cement Floors), 1755 W Madison, Cleveland, O.
Great Western Oil Co., 2846 E 37th, Cleveland, O.
Lewis Samuel ("Alpine Wax Oil"), 73 Barclay, New York
Ohio Chemical Co., Findlay, O.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York
Standard Chemical Co., Houston, Texas
Standard Oil Co. of N. J., 26 B'way, New York
Texas Co., 17 Battery pl, New York
Thumb E. W. ("Sunshine" Wax Oil), 872 Orleans, Chicago, Ill.
Winn Wm. R. (Jobbers), 488 Cherry, New York

4885—Floor Polish (Hard Wax)

Acme White Lead & Color Works ("Colonial"), Detroit, Mich.
Baum Bros. Co., Denver, Colo.
Bird J. A. & W. & Co. ("Globe"), 88 Pearl, Boston, Mass.
Boyle A. S. & Co. ("Old English"), 1934 Dana av, Evan, Cincinnati, O.
Bridgeport Wood Finishing Works (Du Pont), Phila., Pa.
Brown Chas. H. Paint Co. ("Binne"), 188 Montague, Brooklyn, N. Y.
Butcher Polish Co. ("Butcher's Boston Polish"), 356 Atlantic av, Boston, Mass.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Gold Medal Polish Co., Racine, Wis.
Great Western Oil Co., 2846 E 37th, Cleveland, O.
Johnson S. C. & Son, Racine, Wis.
Lawrence W. W. & Co., W Carson, Pittsburgh, Pa.
Lincoln Paint & Color Co., Lincoln, Neb.
Lowell Polish Co., Lowell, Mass.
Penn Oil & Supply Co., Ltd., Oil City, Pa.
Pratt B. G. Co. ("Hydrowax" For Cleaning & Polishing), 50 Church, New York
Sherwin-Williams Co., Cleveland, O.
Texas Co. ("Texaco" Liquid), 17 Battery pl, New York
Thurston F. W. Co., 1832 S Clark, Chicago, Ill.
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.
Wiley I. H. Waxine Co. ("Waxine"), 68 Dover, W Boston, Mass.
Wood-Mosaic Co., New Albany, Ind.

4886—Floor Stands for Valves

Darling Pump & Mfg. Co., Williamsport, Pa.
Ludlow Valve Mfg. Co. (Plain, Geared & Combination, Hand & Motor Operated), ft of Adams, Troy, N. Y.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pratt & Cady Co. ("P & C"), Hartford, Conn.
Simmons John Co., 110 Centre, New York

4887—Floor Treads (Electric Bell)

Renim Specialty Co. ("Renim" for Use with Rigid or Flexible Metallic Conduit, etc), Brighton, Boston, Mass.

4888— Flooring (Car)

See also Flooring, Sanitary

Berger Mfg. Co. ("Keystone"), Canton, O.
Dunbar Mfg. Co. ("Chanarch"), 325 N Leamington av, Chicago, Ill.

Flooring (Composition)

See Flooring, Sanitary)

4889— Flooring (Hard Wood)

See also Flooring, Oak

Acme Hardwood Floor Co., 1144 Sutter, San Francisco, Cal.
American Sash & Door Co. (Wholesale), Kansas City, Mo.
Armstrong Landon Co., Kokomo, Ind.
Arpin Hardwood Lumber Co., Grand Rapids, Wis.
Brown-Mitchison Co., Marinette, Wis.
Bruce, E. L. Co., Little Rock, Ark.
Carr, Ryder & Adams Co. (Wholesale Mfrs.), Dubuque, Ia.
Central Warehouse Lumber Co., Pillsbury & Territorial, Minneapolis, Minn.
Cincinnati Floor Co., Eastern av & Linwood rd, Cincinnati, O.
Cobbs & Mitchell (Inc.), (Electric, Maple & Beech), Cadillac, Mich.
Consolidated Fuel & Lumber Co. (Maple), Negaunee, Mich.
Curtis & Yale Co. (Wholesale Mfrs.), Wausau, Wis.
Dennis A. L Salt & Lumber Co (Birch & Maple), Grand Rapids, Mich
Dunfee J & Co, 40 N Franklin, Chicago, Ill.
Eaglesfield & Shepard, Indianapolis, Ind.
Eckenroth F. & Son, 921 E 5th, New York
Elias G. & Bro., 965 Elk, Buffalo, N. Y.
Emporium Lumber Co., Utica, N. Y.
Gribben Lumber Co., 975 E 7th, St. Paul, Minn.
Hardwood Interior Co., 446 6th, San Francisco, Cal.
Harris Mfg. Co., Johnson City, Tenn.
Heaton & Wood, 1802 Chestnut, Phila., Pa.
Huttig Mill Wk. Co., Kansas City, Mo.
Inlaid Floor Co., 18th & Alabama, San Francisco, & 4067 Watts, Emeryville, Cal.
Interior Hardwood Co. The, Indianapolis, Ind.
Knoxville Lumber & Mfg. Co., Knoxville, Tenn.
Lancaster Harry & Co., Lebanon, Ky.
Mansfield Lumber Co., Mansfield, O.
Mueller Lumber Co., Davenport, Ia.
Nichols & Cox Lumber Co., Grand Rapids, Mich.
North Vernon Lumber Co. ("Indiana" Brand), North Vernon, Ind.
Osborne & Clark, Lumber Exchange, Minneapolis, Minn.
Robbins Lumber Co., Rhinelander, Wis.
Robinson Edwards Lumber Co., Burlington, Vt.
Rogers Lumber Co., Warren, Pa.
STEARNS A. T. LUMBER CO., 100 Taylor, Neponset, Boston, Mass.
See adv index at end of book
Strable Mfg. Co., 511 First, Oakland, Cal.
Thompson Floor Co., 2209 Sutter San Francisco, Cal.
Waccamaw Lumber Co. (Bay, Poplar, N. C. Pine & Cypress), Bolton, N. C.
Wilce T. Company, 2209 Throop, Chicago, Ill.
Wisconsin Land & Lumber Co., Hermansville. Mich.
Wood-Mosaic Co., New Albany, Ind.
Young W. D. & Co. (Wholesale Mfrs), Bay City, Mich.

4890— Flooring (Maple)

American Sash & Door Co. (Wholesale), Kansas City, Mo.
Babcock Lumber Co., Frick bldg, Pittsburgh, Pa.
Bliss & Van Auken, Saginaw, Mich.
Bruckman Lumber Co., Preble nr Island, N S, Pittsburgh, Pa.

Bruner Owen M. Co., Land Title bldg, Phila., Pa.
Carr, Ryder & Adams Co. (Wholesale Mfrs), Dubuque, Ia.
Cobbs & Mitchell ("Electric" Maple & Beech), Cadillac, Mich.
Consolidated Fuel & Lumber Co., Negaunee, Mich.
Cream City Sash & Door Co., 601 Park, Milwaukee, Wis.
Cummer-Diggins Co., Cadillac, Mich.
Curtis & Yale Co. (Wholesale Mfrs), Wausau, Wis.
Dennis A. L. Salt & Lumber Co. ("National"), Grand Rapids, Mich.
Dwight Lumber Co. (And Wholesale Dealers), Detroit, Mich.
East Jordan Lumber Co. ("Imperial"), East Jordan, Mich.
Eastman S. L. Flooring Co. ("Saginaw" Brand), Saginaw, Mich.
Flanner-Steger Land & Lumber Co., 28 E Jackson blvd, Chicago, Ill.
Forman Thos. Co. (Maple & Oak, Bored & End Matched), Fort W. & P. M. R. R., Detroit, Mich.
Gordon Vantine Co., Davenport, Ia.
Grand Rapids Lumber Co., Grand Rapids, Mich.
Gribben Lumber Co., 975 E 7th, St. Paul, Minn.
Griffith Webster, Ebensburg, Pa.
Hettler Herman H. Lumber Co. ("Modern" Brand), 2601 Elston av, Chicago, Ill.
Horner Wm., Reed City, Mich.
Kerry & Hanson Flooring Co. ("Chief" Brand), Grayling, Mich.
Krouskop A. H., Richland Center, Wis.
Lobdell Emery Mfg. Co., Onaway, Mich.
Mansfield Lumber Co., Mansfield, O.
Maple Flooring Mfrs. Ass'n., Stock Ex. bldg, Chicago, Ill.
Mason-Donaldson Lumber Co., Rhinelander, Wis.
Mitchell Bros. Co. ("Rockhard"), Cadillac, Mich.
Morgan Co., Oshkosh, Wis.
Nichols & Cox Lumber Co., Grand Rapids, Mich.
Nicola Lumber Co., Farmers Bk bldg, Pittsburgh, Pa.
North Branch Flooring Co., 2415 Barry av, Chicago, Ill.
Osgood & Blodgett Mfg. Co. ("X. L. C. R." Brand), Duluth av & E 7th, St. Paul, Minn.
Rittenhouse & Embree Co. ("Gilt Edge"), 3500 S Racine av, Chicago, Ill.
Robbins Lumber Co. ("Robbins" Rock Maple), Rhinelander, Wis.
Schroeder Jno. Lumber Co., ft Walnut, Milwaukee, Wis.
STEARNS A. T. LUMBER CO. (Lumber), 100 Taylor, Neponset, Boston, Mass.
See adv index at end of book
Stephens Henry & Co., Waters, Mich.
Stephenson I. Co. ("Ideal" Rock Maple), Wells, Mich.
Ward Bros. ("Marathon"), Big Rapids, Mich.
Wilce T. Co., 2209 Throop, Chicago, Ill.
Williams W. E. Co., Traverse City, Mich.
Wisconsin Land & Lumber Co. (Maple, Birch & Cherry), Hermansville, Mich.
Young W. D. & Co., Bay City, Mich.

4891— Flooring (Oak)

See also Flooring, Maple

Abrams Flooring Co., Buffalo, N. Y.
American Column & Lumber Co. ("American"), St. Albans, W. Va.
American Sash & Door Co. (Wholesale), Kansas City, Mo.
Arkansas Oak Flooring Co., Pine Bluff, Ark.
Arpin Hardwood Lumber Co. ("A-H-L" Brand, Red Bank), Grand Rapids, Mich.
Bliss Cook Oak Co. ("Dixie" Brand), Blissville, Ark.
Bruce E. L. Co., Little Rock, Ark.
Bruckman Lumber Co., Preble nr Island, N S, Pittsburgh, Pa.
Carr, Ryder & Adams Co. (Wholesale Mfrs.), Dubuque, Ia.
Carrier Lumber & Mfg. Co., Sardis, Miss.
Cream City Sash & Door Co., 601 Park, Milwaukee, Wis.
De Soto Hardwood Flooring Co., Memphis, Tenn.
Dwight Lumber Co., Detroit, Mich.
Farrin M. B. Lumber Co. ("Century," also Poplar Siding), Station av & Winton pl, Cincinnati, O.
Forman Thos. Co. ("Forman's Famous"), Fort W M R R, Detroit, Mich.
Gordon Vantine Co., Davenport, Ia.
Gribben Lumber Co., 975 E 7th, St. Paul, Minn.
Hardwood Flooring Co., Roanoke, Va.
Harris Mfg. Co., Johnson City, Tenn.
Interior Hardwood Co., Indianapolis, Ind.
Kenova Hardwood Flooring Co., Kenova, W. Va.
Kenova Poplar Mfg. Co., Kenova, W. Va.
Krouskop A. H., Richland Center, Wis.
Louisiana Long Leaf Lumber Co. ("Diamond"), Fisher, La.
Louisville Planing Mill & Hardwood Flooring Co., Louisville, Ky.
Mansfield Lumber Co., Mansfield, O.
Meadow River Lbr. Co., Rainville, W. Va.
Memphis Hardwood Flooring Co. ("Chickasaw" Brand), Memphis, Tenn.
Missouri Lumber & Land Exchange Co. (Bored & Hollow Backed), R. A. Long bldg, Kansas City, Mo.
Mitchell Bros. Co. ("Red Oak"), Cadillac, Mich.
Moratz Paul O., Bloomington, Ill.
Morgan Co., Oshkosh, Wis.
Mowbray & Robinson Co., 8th & Horn, Cincinnati, O.
Nashville Hardwood Flooring Co. ("Acorn"), Nashville, Tenn.
Nelson Lumber & Mfg. Co., 372 Dublin av, Columbus, O.
Nichols & Cox Lumber Co., Grand Rapids, Mich.
North Branch Flooring Co., 2415 Barry av, Chicago, Ill.
Oak Flooring Service Bureau, Union Trust bldg, Cincinnati, O.
Osgood & Blodgett Mfg. Co. ("X. L. C. R." Brand), Duluth av & E 7th, St. Paul, Minn.
Rittenhouse & Embree Co. ("Gilt Edge"), 3500 S Racine av, Chicago, Ill.
Ritter W. M. Lumber Co., 115 E. Rich, Columbus, O.
Rock Island Sash & Door Works (Wholesale Mfrs.), Rock Island, Ill.
Ronceveste Lbr. Co., Ronceveste, W. Va.
Rose D. M. & Co., Knoxville, Tenn.
Salt Lick Lumber Co. ("Eureka"), Salt Lick, Ky.

STEARNS A. T. LUMBER CO., 100 Taylor, Neponset, Boston, Mass.
See adv index at end of book
Tenn. Lbr. & Coal Co., 2nd Nat'l Bank bldg, Cincinnati, O.
Tenn. Oak Flooring Co. ("Tofco"), Nashville, Tenn.
Wilce T. Co. ("Unequalled"), 2209 Throop, Chicago, Ill.
Wood-Mosaic Co., Main Office & Works, 140 W 42d, New York
Yellow Poplar Lbr. Co., Coal Grove, O.

4892— Flooring (Sanitary)

Acme Asbestos Covering & Supply Co. ("Acmetyle"), 404 N Ada, Chicago, Ill.
See adv index at end of book
Agatile Composition Flooring Co., 616 W Van Buren, Chicago, Ill.
American Magnesia Products Co. (Vevetile Composition), 418 W 12th pl, Chicago, Ill.
American Mason Safety Tread Co. ("Karbolith"), Lowell, Mass.
American Materials Co. ("Amflorite" Plastic-Linoleum), 101 Park av, New York.
American Monolith Co. ("Monolith"), 765 30th, Milwaukee, Wis.
American Torgoment Flooring Co., Hampden & Charles, Minneapolis, Minn.
Armstrong Cork & Insulation Co. (Composition, "Linotile"), 24th & A V R R, Pittsburgh, Pa.
Asbestolith Mfg. Co., 1 Madison av, New York
Atlas Floor Co. ("Atlas" Composition), 2401 Normal av, Chicago, Ill.
Byerly & Sons, 2489 W 4th, Cleveland, O.
Corrugated Bar Co. ("Corr-Plate"), Mutual Life bldg, Buffalo, N. Y.
Dreadnought Flooring Co. (Cork Composition), 154 W 18th, New York
Djorup Frantz ("Austrian-American," "Flint-O-Lith"), 133 Washington, Chicago, Ill.
Embossed Wall Covering Co. ("Unitas"), 880 N 48th, Phila., Pa.
Fibrestone & Roofing Co., 199 10th, San Francisco, Cal.
Flexner-Taylor Co. (Ltd.) ("F. & F. Composition Red"), 786 E Broadway, South Boston, Mass.
Flexstone Construction Co. ("Armorite" "Flexstone"), Hartman bldg, Columbus, O.
Flexotile Flooring Co. ("Flexotile"), Rockford, Ill.
Flintkote Mfg. Co. ("Rex Adamat"), 83 Pearl, Boston, Mass.
Ford Mfg. Co. ("Oak-A-Nite," "Gal-Va-Nite"), 2339 La Salle, Chicago, Ill.
General Kompolite Co. ("Kompolite"), 327 Borden av. Long Island City, N. Y.
Hydrolith Co. ("Hydrolith"), 25 Dean, Brooklyn, N. Y.
Idealite Co. ("Idealite" Corborundum), Cincinnati, O.
Imperial Floor Co., Rochester, N. Y.
Ironite Co. ("Ironite"), 111 W Washington, Chicago, Ill.
Keasbey Robt. A. Co. ("Crown"), 445 West, New York
Kennedy David E. (Inc.) ("Arrowlock" Electric & "Nonpareil" Cork), 53 5th av, New York
Marbleized Sanitary Flooring Co., New Haven, Conn.
Marbleoid Co. ("Sanitas," "Marbleoid"), 47 W 34th, New York
Mineral Products Co. ("Xyno" Stone), Rhinelander, Wis.
Minnesota Fama Stonewood Co. ("Fama Stonewood" Jointless), 1704 Rondo, St. Paul, Minn.
Muller Franklyn R. & Co. ("Asbestone" & "Steel Bond"), Waukegan, Ill.
National Kellastone Co. ("Kellastone" Composition), 5 S Wabash av, Chicago, Ill.
Petro Pulp Floor Co. ("Petro" Pulp) Grand Av Temple, Kansas City, Mo.
Phila. Mineral Flooring Co., 5634 Summer, Phila., Pa.
Plastone Co. ("Plastone"), Los Angeles, Cal.
Raecolith Flooring Co. ("Raecolith," "Watsonite"), Seattle, Wash.
Republic Creosoting Co., Merchants Bank bldg, Indianapolis, Ind.
San Ti-Life Corpn., 120 Plum, Syracuse, N. Y.
Sanitary Composition Floor Co., Syracuse, N. Y.
Schenectady Tile Co. (Composition), Schenectady, N. Y.
Schillinger Bros. Co., 215 City Park av, Toledo, O.
Standard Paint Co. ("Ru-ber-old"), 233 B'way, New York
Superior Concrete Products Co., Russell & G T. R, Detroit, Mich.
Taylor Ronald Co. ("Taylorite"), 520 E 20th, New York
Tileine Universal Flooring Co., 437 W. 33d, New York
20th Century Mineral Flooring Co., 1210 Buttonwood, Phila., Pa.
U. S. Kellastone Co. ("Kellastone"), Chicago, Ill.
Warren Bros. Co. ("Puritan," "Colonial," "Terrazolite"), 142 Berkeley, Boston Mass.
Wearcrete Engng. Co., People's Gas bldg, Chicago, Ill.
Williams-Wendt Co. ("Korkstone"), 118 N La Salle. Chicago, Ill.
Woodoleum Mfg. Co., 1125 Chestnut, Phila., Pa.

4893—Flooring (Wood Block)

See also Paving Blocks, Wood

Abrams Flooring Co., Buffalo, N. Y.
Interior Hardwood Co., Indianapolis, Ind.
Jennison-Wright Co. ("Kreolite"), Toledo, O.
Michigan Wood Preserving Co., Pittsburgh, Pa.
Nightingale Co. (Interlocking, Laid on Cement Only), 103 Park av, New York
Ohio Wood Preserving Co., Century bldg, Pittsburgh, Pa.
Pittsburgh Wood Preserving Co., Century bldg, Pittsburgh, Pa.
Wilson J. G. Corp'n., The (English System), Chief Office: 8 W 40th, New York, Mills & Factory: Norfolk, Va.
Wood-Mosaic Co., New Albany, Ind.

4894—Floors (Iron Slat, For Smoke Houses)

Gehret Bros., Bridgeport, Pa.

4895— Floors (Malt Kiln)

Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.
Howard & Morse, 46 Fulton, New York
Littleford Bros., 444 E Pearl, Cincinnati, O.
Schillinger Bros. Co., 215 City Park av, Toledo, O.
Sicilian Asphalt Paving Co., 41 Park row, New York
Toepfer W. & Sons Co., 80 Menomonee, Milwaukee, Wis.

4896— Floors (Parquet)

Star (*) Indicates Manufacturers

Abrams Flooring Co., Buffalo, N. Y.
Adams J. M., 330 N Charles, Baltimore, Md.
Adams R. T. & Co. (Wood Mosaic Flooring Co.), 15 Milk, Boston, Mass.
American Parquetry Floor Co., 1124 Walnut, Phila., Pa.
*Bostwick-Goodell Co., Norwalk, O.
Boynton John H., Flatiron bldg, New York
Chicago Floor Co., 730 S Wabash av, Chicago, Ill.
Cincinnati Floor Co., Eastern av & Linwood rd, Cincinnati, O.
Cleveland Hardwood Floor Co., Cleveland, O.
Dunfee J. & Co., 40 N Franklin, Chicago, Ill.
Eaglesfield & Shepard, Indianapolis, Ind.
*Federal Parquetry Mfg. Co., 3 W 14th, New York
Frings Martin, 3639 N 11th, Phila., Pa.
Halbert Geo. & W., 134 Livingston, Brooklyn, N. Y.
Hasbrouck Flooring Co., 501 E 70th, New York
Heaton & Wood, 1802 Chestnut, Phila., Pa.
Indiana Flooring Co., 232 Rider av, New York
Inlaid Floor Co., 18th & Alabama, San Francisco, & 4067 Watts, Emeryville, Cal.
Interior Hardwood Co., Indianapolis, Ind.
Interlaced Parquetry Co., 13 Lawrence, New York
*Johnson S. C. & Son, Racine, Wis.
*Koch G. W. & Son, 537 W 53d, New York
McBride Jas. Flooring Co., 267 Ryder av, New York
Moore J. C. Co., 9 S 18th, Phila., Pa.
National Wood Floor Co., 607 W 43d, New York
*New York Flexible Wood Flooring Co., 112 W 42d, New York
*Nightingale Co. (Interlocking, Laid on Cement Only), 103 Park av, New York
Northwestern Parquet Floor Co., 308 E Lake, Minneapolis, Minn.
Osgood & Blodgett Mfg. Co., Duluth av & E 7th, St. Paul, Minn.
*Pope Charles A., 320 E 95th, New York
Reid, Wm. G. & Co. 16 W 47th, New York
Roberts Sash & Door Co. (For the Trade Only), 920 W 20th, Chicago, Ill.
Terwilliger Floor Mfg. Co., 607 W 43d, New York
*Wood-Mosaic Co., New Albany, Ind.

Floors (Sanitary)

See Flooring, Sanitary

Flotation Oils

See Oils, Pine; also Oils, Tar

4897— Flour (Buckwheat)

Acme Milling Co., Corry, Pa.
Albers Bros. Milling Co., Portland, Ore.
Alert Mills, Fountain City, Wis.
Almond Roller Mills (O. Culver), Almond, Wis.
Argo Milling Co., Charlevoix, Mich.
Avis Milling Co., Waldron, Mich.
Birkett Mills, Penn Yan, N. Y.
Blair Milling Co., Atchison, Kans.
Blodgett Milling Co., Janesville, Wis.
Blyth E. J., Walworth, N. Y.
Bowles Bros. Co., Los Angeles, Cal.
Campbell L. G. Milling Co., Owatonna, Minn.
Coombs Wm. A. Milling Co., Coldwater, Mich.
Corno Mills Co., St. Louis, Mo.
Cox A. G., Osseo, Wis.
Dayton Milling Co., Towanda, Pa.
Dean Silas & Son, Oak Hill, N. Y.
Elk Eye Milling Co., McConnellsville, O.
Elmore Milling Co., Oneonta, N. Y.
Filkins O. B., Stanton, Mich.
France Milling Co., Cobleskill, N. Y.
Friedline Wm., Sipesville, Pa.
Gilbert & Nichols Co., Fulton, N. Y.
Goshen Milling Co., Goshen, Ind.
Hale Jonathan & Sons, Lyons, Mich.
Herrick A. H. & Son, Watertown, N. Y.
Hunt & Washburn, Delanson, N. Y.
Huron Milling Co., Huron, S. Dak.
Johnson & Co., Franklin, Pa.
King Milling Co., Lowell, Mich.
Klinger H. J. & Co., Butler, Pa.
Lampman J. T. & Co., Claverack, N. Y.
Larrowe Milling Co., Cohocton, N. Y.
Messenger H. B., Federalsburg, Md.
Michigan Milling Co., Ann Arbor, Mich.
New Occidental Mill Co., Minneapolis, Minn.
New Ulm Feed & Cereal Mill Co., New Ulm, Minn.
Paterson Geo. B., Burdett, N. Y.
Putnam E. M., Columbus, Pa.
Rhinehart Grain Co., Unipolis, O.
Saginaw Milling Co., Saginaw, Mich.
Simison David D., Volant, Pa.
Smith Joseph & Co., Stockton, N. J.
Struve John, Lyons, Ia.
Thompson S. M., Chilhowee, Mo.
Tioga Mill & Elevator Co., Waverly, N. Y.
Titus & Hicks, Battle Creek, Mich.
Topeka Flour Mills Co., Topeka, Kans.
Van Wyck & Stringham, Fishkill Plains, N. Y.
Vorhis F. C., Brookton, N. Y.
Voshell J. C., Camden, Del.
Wapsipinicon Mill & Power Co., Independence, Ia.
Watson-Higgins Milling Co., Grand Rapids, Mich.
White Milling Co., Bloomsburg, Pa.
Wiest George, Fort Atkinson, Ia.
Willy & Co., Appleton, Wis.
Wright Stillman & Co., Berlin, Wis.
Youman E. E., Ravena, N. Y.

4898— Flour (Carbon)

American Carbon & Battery Co., E St. Louis, Mo.
National Carbon Co., Madison av, N. W. & W. 117, Cleveland, O.

4899—Flour (Core or Foundry)

Black Products Co., 135th & Calumet, Chicago, Ill.
Buckeye Products Co., 919-929 W 5th, Cincinnati, O.
See adv index at end of book
Paxson J W. Co., 1021 N Delaware av, Phila., Pa.
Piqua Flour Co. (Core Flour), Piqua, O.
Springfield Facing Co., Springfield, Mass.
See adv index at end of book
Whitehead Bros. Co., 537 W 27th, New York

4900— Flour Mill Builders

Barnard Machinery Co., Enterprise, Kan.
Barnard & Leas Mfg. Co., Moline, Ill.
Great Western Mfg. Co., Leavenworth, Kans.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Robinson Mfg. Co., Muncy, Pa.
Salem Foundry & Machine Works, Salem, Va.
Sprout, Waldron & Co., Muncy, Pa.
Starr B. F. Co., Guilford av & Center, Baltimore, Md.

4901— Flour Mills

ALABAMA.

ATHENS—Black M. J. & Sons
BIRMINGHAM—Goodlander Milling Co.
BRUNDIDGE—Allen T. B.
COCHRANE—Fairfield Gin & Milling Co.
CROSSVILLE—Jones W. B.
GREENVILLE—Farmers & Planters' Gin & Mill Co.
JENIFER—Priebe Mrs. E.
MOBILE—Alabama Corn Mills Co.
NEW MARKET—Rodgers A. D. & W. E.
PINE APPLE—Ward & Grimes
PRATTVILLE—Pratt Gin & Milling Co.
ST. FLORIAN—Rasch T. J.
SEALE—Holland William H.
SPRINGVILLE—Ewing B.
TALLADEGA—Allison J. E.
Bingham Mills
WALNUT GROVE—Frix J. J.

ARIZONA.

PHOENIX—Phoenix Flour Mills
SAFFORD—Gila Valley Milling Co.
TUCSON—Eagle Milling Co.

ARKANSAS.

ARKADELPHIA—Arkadelphia Milling Co.
BARBER—Williams R. H.
BENTONVILLE—Eagle Milling Co.
BERRYVILLE—Berryville Milling Co.
CASSCOE—Trice W. T. & Bro.
DEVALL BLUFF—Devall Bluff Gin & Milling Co.
EVENING SHADE—Moser Geo. W.
GILLHAM—Campbell W. M.
HINDSVILLE—Polk W. C.
JAMESTOWN—Jamestown Milling Co.
JONESBORO—Jonesboro Roller Mill Co.
KINGSTON—Basore Milling Co.
LEADHILL—Morrow John.
MALVERN—Clem John M. & Son
MAMMOTH SPRING—Mammoth Spring Milling Co.
MAYSVILLE—Parkins W. B.
MINERAL SPRINGS—Dillard & Jones
MOUNTAIN HOME—Underhill Dillen
OZAN—Robins A. J.
PARIS—Bartsch August
PEA RIDGE—Pea Ridge Milling Co.
PIGGOTT—Clay County Mill & Elevator Co.
PINE BLUFF—Marco Mills
RECTOR—Rector Milling Co.
ROSIE—Rosie Mill & Gin Co.
ST. FRANCIS—Sprague A. O.
STEPROCK—Ellis R. S.
SUMMERS—Barton & Bro.
VALLEY SPRINGS—Valley Springs Milling Co.
VILONIA—Davis J. H.
WARREN—Wardlow R. L.
WEST FORK—West Fork Mill Co.

CALIFORNIA.

COLUSA—Colusa Milling Co., Inc.
DURHAM—Durham Mill Co.
MONTAGUE—Mount Shasta Milling Co.
OAKDALE—Oakdale Milling Co.
OLIVE—Olive Milling Co.
PASADENA—Pasadena Milling Co.
PETALUMA—Golden Eagle Milling Co.
SAN FRANCISCO—Sperry Flour Co.
Yosemite Flour Mills
SANTA ROSA—Santa Rosa Flour Mills Co.
UKIAH—Ukiah Milling Co.
WATSONVILLE—Trafton G. A. & Son

COLORADO.

ALAMOSA—Alamosa Flour Mills
ANTONITO—Conejos Co-operative Roller Mills & Mfg. Co.
BERTHOUD—Farmers' Flour Mills
DENVER—Crescent Flour Mills
GOLDEN—Rock Flour Mills
GRAND JUNCTION—Mesa Flour Mill Co.
GREELEY—Model Flour Mills
LONGMONT—Longmont Flour Mills
SAN LUIS—Parrish W. S.
WRAY—Wray Mills Co.

DELAWARE.

CAMDEN—Howell Thos. H.
LAUREL—Records W. T. & Son
WILMINGTON—Lea Milling Co.

GEORGIA.

ADAIRSVILLE—Veach J. M. Co.
ATLANTA—Atlanta Milling Co.
AUGUSTA—Clark Milling Co.
BAINBRIDGE—Flint River Milling Co.
BUTLER—McCants J. J.
CALHOUN—Calhoun Roller Mills
CAMILLA—Joiner G. J.
CARNESVILLE—Carnesville Gin & Milling Co.
CARROLLTON—New D. F.
CAVE—Gaines L. P.
CEDARTOWN—Lovvorn W. J.
COLUMBUS—City Mills Co.
Empire Mills Co.
CONYERS—Plunkett A. N.
CUSSETA—Gordy Geo. G.
DALLAS—McMichen A. M., Jr.
DALTON—Barrett, Denton & Lynn Co.
DAMES FERRY—Dames Ferry Milling Co
DOUGLASVILLE — Douglasville Roller Mill
DUBLIN—Pope J. T.
FORSYTH—Thurmond Bros.
FORT VALLEY—Georgia Milling Co.

GAINESVILLE—Gainesville Roller Mills Co.
GRAYSVILLE—Gray Bros.
LA FAYETTE—La Fayette Roller Mills
McHENRY—Fields L. C.
MAYSVILLE—Bacon Milling Co.
MILLEDGEVILLE—Oconee River Mills
NEWNAN—Askew W. S. Co.
OMAHA—Fitzgerald W. E.
RISING FAWN—Cureton Geo. W.
ROCKY FACE—Hassler S. R.
SANDERSVILLE—Sandersville Enterprise Co.

IDAHO.

AMERICAN FALLS—American Falls Milling Co., Ltd.
BLACKFOOT—Blackfoot Farmers' Milling Co., Ltd.
COEUR D'ALENE—Coeur D'Alene Grain & Milling Co.
CONANT—Conant Edward
COTTONWOOD—Cottonwood Milling & Elevator Co.
MENAN—Menan Milling Co., Ltd.
MOSCOW—Miller Mark P. Milling Co.
PARIS—Paris Roller Mills Co.
PRESTON—Preston Milling Co.

ILLINOIS.

ALTAMONT—Johnston-Hicks Mill Co.
ALTON—Sparks Milling Co.
ANNA—Bruchhauser Bros.
AVA—Dean Mill Co.
BELLEVILLE—Imbs J. F. Milling Co.
CARLYLE—Carlyle Milling Co.
COLLINSVILLE—Tiedemann Chas. Milling Co.
COLUMBIA—Columbia Star Milling Co.
HIGHLAND—Highland Milling Co.
MARINE—Valier & Spies Milling Co.
MARISSA—Meek Milling Co.
MASCOUTAH—Postel Ph. H. Milling Co.
MURPHYSBORO—Reliance Milling Co.
Southern Illinois Milling & Elevator Co.
NASHVILLE—Camp Spring Mill Co.
Huegly Milling Co.
NEW BADEN—New Baden Milling Co.
O'FALLON—Tiedmann Milling Co.
OLNEY—Olney Milling Co.
PEORIA—Gift J. W. & Co.
PITTSFIELD—King M. D. Milling Co.
PRAIRIE DU ROCHER—Schoening-Koenigsmark Milling Co.
QUINCY—Knollenberg Milling Co.
RED BUD—Becker C. Milling Co.
Ziebold G. Milling Co.
TEUTOPOLIS—Siemer Milling Co.
TRENTON—Trenton Milling Co.
VALMEYER—Salt Lick Milling Co.
WATERLOO—Koenigsmark Mill Co.

INDIANA.

BEDFORD—Lemon Milling Co.
BERNE—Berne Milling Co.
CAMBRIDGE CITY—Creitz W. A. Co.
COLUMBIA CITY—Tuttle R. & Co.
COLUMBUS—Schaeffer & Schwartzkopf
EVANSVILLE—Akin-Erskine Milling Co.
Brose Geo.
Iglehart Bros.
Phoenix Flour Mills
Ziliak & Schafer Milling Co.
FAIRMOUNT—Ulrey A. A. & Co.
FORT WAYNE—Mayflower Mills
Tresselt C. & Sons
GOSHEN—Goshen Milling Co.
HAUBSTADT—Ziliak-Shafer Milling Co.
INDIANAPOLIS—Acme-Evans Co.
Blanton Milling Co.
KENT—Kent Milling Co.
LAWRENCEBURG—Lawrenceburg Roller Mills Co.
LAFAYETTE—Lafayette Corn Flour Mills
LOOGOTEE—Walker P. M. & Co.
MARION—Thomas Milling Co.
MOUNT VERNON—Fuhrer-Ford Milling Co.
PERU—Peru Milling Co.
PRINCETON—Moore R. P. Miling Co.
Princeton Milling Co.
RICHMOND—Richmond Roller Mills
SHERIDAN—Sheridan Milling Co.
SHOALS—Star Milling Co.

IOWA.

CLARINDA—Shambaugh & Son.
ELKADER—Schmidt Bros. & Co.
LE MARS—Plymouth Milling Co.
RED OAK—Replogle Co.
SIOUX CITY—Mystic Milling Co.

KANSAS.

ABILENE—Security Flour Mills Co.
ARKANSAS CITY—Arkansas City Milling Co.
New Era Milling Co.
ATCHISON—Lukens Milling Co.
BUHLER—Buhler Mill & Elevator Co.
CALDWELL—Caldwell Milling Co.
CHERRYVALE—Sauer N. Milling Co.
CLAFLIN—Claflin Mill & Elevator
CLAY CENTER—Snell Mill & Grain Co.
CONCORDIA—Concordia Milling Co.
ELLINWOOD—Wolf Milling Co.
EMPORIA—Soden J. R.
FORT SCOTT—Goodlander Milling Co.
GREAT BEND—Barton County Flour Mills Co.
Walnut Creek Milling Co.
JUNCTION CITY—Hogan Milling Co.
KIRWIN—Jackson John W. & C. R.
LEAVENWORTH—Leavenworth Milling Co.
Lysle J. C. Milling Co.
LEHIGH—Groening Bros.
LINDSBORG—Lindsborg Milling & Elevator Co.
Smoky Valley Roller Mills
LYONS—Lyons Milling Co.
McPHERSON—Colburn Bros. Co.
Wall-Rogalsky Milling Co.
MANHATTAN—Purity Milling Co.
MOUNDRIDGE—Moundridge Milling Co.
NEODESHA—Land Milling Co.
NEWTON—Newton Milling & Elevator Co.
OSWEGO—Pearl Roller Mill Co.
RUSSELL—Russell Milling Co.
SALINA—Lee-Warren Milling Co.
SYLVIA—Sylvia Milling Co.
TOPEKA—Kaw Milling Co.
Page Thomas Milling Co
Shawnee Milling Co.
TROY—Clark Bros.
WELLINGTON—Hunter Milling Co.
Wellington Milling & Elevator Co.
WHITEWATER—Whitewater Milling & Elevator Co.
WICHITA—Kansas Milling Co.

KENTUCKY.

ADAIRVILLE—Orndorff & Cheney
AKERSVILLE—Akersville Roller Mill Co.
ALBANY—Hancock Bros.
ALVATON—Larmon L. M.
ARLINGTON—Neville W. N.
ASHLAND—Ashland Milling Co.
Poage R. C. Milling Co.
AUBURN—Auburn Mills
BARLOW—Stahl & Rudolph
BEAVER DAM—Beaver Dam Milling Co.
Farmers' Milling Co.
BERRY—Kendall William C.
BETHLEHEM—Sewell W. F.
BLOOMFIELD—Bloomfield Mill Co.
BOWLING GREEN—Bowling Green Milling Co.
Park City Milling Co.
BRADFORDSVILLE—Walker H. C.
BROOKSVILLE—Farmers' & Merchants' Milling Co.
BUFFALO—Keith Bros.
BURNSIDE—Burnside Roller Mills
CADIZ—Adams Bros.
White A. P. & Co.
CAMPBELLSBURG—Blue Grass Milling Co.
CANE VALLEY—Cane Valley Mill Co.
CANEYVILLE—Shrewsbury & Washburn
CARLISLE—Carlisle Milling Co.
CATLETTSBURG—Patton Milling Co.
CAVE CITY—Farris Milling Co.
CAYCE—Cayce Milling Co.
CERULEAN—Standard Roller Mills Co.
CLARKSON—Clarkson Milling Co.
CLAY POOL—Britt J. A. & Son
CLAYSVILLE—Harding J. W.
CLOVERPORT—Squires B.
COLESBURG—Pardee C. A.
CORYDON—Corydon Milling Co.
CRITTENDEN—Collins Richard L. & Sons
CUMMINSVILLE—Cummins Chas.
CYNTHIANA—Crescent Milling Co.
Crown Jewel Milling Co.
DANVILLE—Anderson & Spilman
DAWSON SPRINGS—Dawson Milling Co.
DUNDEE—Renfrow & Dean
EDMONTON—New Edmonton Mills, Inc.
ELGIN—Albright A. & Sons
ELIHU—Parker E. F.
ELIZABETHTOWN—Elizabethtown Milling Co.
ELKTON—Damon W. F.
EMINENCE—Eminence Milling Co.
ETOILE—Williams & Scott
EUBANK—Payne & Estes
FALMOUTH—Galloway R. L.
FRANKLIN—Clark & Durham
College Mill Co.
GAMALIEL—Comer & Beals
GEORGETOWN—Wolfe R. H. & Son
GERMANTOWN—Germantown Milling Co.
GRADYVILLE—Rogers, Rose & Co.
GREENSBURG—Wilson Milling Co.
GREENUP—Greenup Milling Co.
GREENVILLE—Home Milling Co.
Shaver J. A.
HARDYVILLE—Philpot & Co.
HARRODSBURG—Adams & Langford
Williams John P.
HARTFORD—Ford J. W.
HENSHAW—Johns Bros. Milling Co.
HODGENVILLE—Hodgenville Roller Mills
HOPKINSVILLE—Acme Mills
Cate James & Son Co.
Hopkinsville Milling Co.
HORSECAVE—Poynter R. P. & Sons
HUNTERSVILLE—Spring Creek Roller Mill Co.
IRVINE—Snowden A. D. & Bro.
IRVINGTON—Irvington Mill & Elevator Co.
JAMESTOWN—Kerns & Reese
KNOBLICK—Thompson T. W.
KUTTAWA—Kuttawa Milling Co.
LANCASTER—Garrard Milling Co.
Lancaster Elevator & Flour Mills
LAWRENCEBURG—Eagle Roller Mills, Inc.
LEITCHFIELD—Leitchfield Milling Co.
LEWISPORT—Lewisport Mill Co.
LEXINGTON—Lexington Roller Mills Co.
Woolcott Flour Mills.
LOLA—Paris W. F.
LOUISA—Big Sandy Milling Co.
LOUISVILLE—Acme-Evans Co.
Ballard & Ballard Co.
Louisville Cereal Mill Co.
Wathen Milling Co.
McQUADY—Bates J. B.
McQuady Milling Co.
MADISONVILLE—Madisonville Milling Co
MARION—Baker & Mays
Marion Milling Co.
MAXON MILL—Temple, Adams & Sons
MAYSVILLE—Carr R. A.
MELBER—Fry John W.
MILLSPRINGS—Roberts B. E. & Co.
MINTONVILLE—Roy & Dye
MONTICELLO—Stokes J. J. & Son
Tate J. H. & Co.
MOOLEYVILLE—Redmon & Mattingly
MORGANFIELD—Crown Roller Mills
MURPHYSVILLE—Rhodes & Gault
MURRAY—Moore J. J. & Son
NEW HAVEN—Florence B. D. & Son
New Haven Mill Co.
NEWPORT—Dorsel Co.
NOLIN—Nolin Milling Co.
OWENSBORO—Bransford Mills
Broeker Chas. & Co.
PARIS—Paris Milling Co.
PARKSVILLE—Powell C. E.
PEMBROKE—Pembroke Roller Mills
PETERCREEK—Jones J. H.
PRINCETON—Kevil R. U. & Sons
RICHMOND—Zaring J. W. Grain & Mill Co.
RINEYVILLE—Rineyville Roller Mills Co.
ROCKY HILL STATION—Philpot & Lile
RUSSELLVILLE—Ellis T. M. & Co.
SADIEVILLE—Sadieville Milling Co.
SANDERS—Williams E. I. & Co.
SCIENCE HILL—Science Hill Milling Co.
SCOTTSVILLE—Scottsville Milling Co.
SHELBYVILLE—Long S. M. & Son
SLAUGHTERS—Ogden E. F.
SMITHS GROVE—Model Roller Mills Co.
SOMERSET—Somerset Milling Co.
SOUTH CARROLLTON—Wolcott J. F. & Co.
SPARTA—Brock V. A.
STAMPING GROUND—Palmer & Sinkhorn
STANFORD—Baughman J. H. & Co., Inc.
Kennedy D. V. & Co.
Lyon C. S.
STILLWATER—Rose & Cecil
STITHTON—Aubrey C. H.
STURGIS—Sturgis Milling Co.
SULPHER WELL—Marcum S. M. & Bro.
SUNRISE—Bradford & Elliott
TATHAM SPRINGS—Carey Bros.
TAYLORSVILLE—Beauchamp I. D.
Crescent Roller Mills Co.
UNIONTOWN—Uniontown Roller Mill Co.
VALLEY OAK—Bobbitt James H.
VANARSDELL—Vanarsdell R. S.
VINEGROVE—Burkhardt W. A.
WACO—Rucker, Benton & Co.

KENTUCKY—continued
WASHINGTON—Hunter & Irvine
WELDON—Coleman & Smith
WHITE MILLS—Richardson J. D. & Son
WHITE'S STATION—Potts R. L. & Son

LOUISIANA.

ALBERTA—Wardlow H. P.
LAKE CHARLES—Louisiana Grain & Milling Co., Ltd.
SIMSBORO—Burt W. A. & Son

MARYLAND.

BALTIMORE—Gambrill C. A. Mfg. Co., 104 Commerce
CUMBERLAND—Cumberland Milling Co.
FOWLING CREEK—Deen C. Clarence
WALKERSVILLE—Glade Valley Milling Co.

MICHIGAN.

ALBION—Albion Milling Co.
ANN ARBOR—Michigan Milling Co.
BARK RIVER—Rood M. & Co.
BIG RAPIDS—Darrah Milling Co.
BLOOMINGDALE—Bloomingdale Milling Co.
CADILLAC—Cornwall J. & Sons
CAMDEN—Alward B. R.
COLDWATER—Coombs Wm. A. Milling Co.
COLON—Lamberson C. A. & Co.
CONSTANTINE—Constantine Milling Co.
DETROIT—Detroit Milling Co., Grand River & Warren
DOWAGIAC—Colby Milling Co.
FLINT—Burroughs J. P. & Son
GREENVILLE—Wright Bros. & Co.
HOLLAND—Beach Milling Co.
JACKSON—Eldred Mill Co.
Taylor Thomas B.
JENISON—Jenison L. & L. Co.
LAKEVIEW—Lakeview Milling Co.
MIDDLEVILLE—French R. T.
MONROE—Ameudt Milling Co.
MORENCI—Kellogg & Buck
PETOSKEY—Hankey Milling Co.
PORTLAND—Portland Milling Co.
SAGINAW—Brand & Hardin Milling Co.
Callam Mills
SOUTH ROCKWOOD—Strong John Co.

MINNESOTA.

APPLETON—Jennison W. J. Co.
AUSTIN—Peerless Roller Mills Co.
BADGER—Sjoberg Bros.
BLUE EARTH—Blue Earth City Mill Co.
CANNON FALLS—Cannon Valley Milling Co. (See Minneapolis)
CROOKSTON—Crookston Milling Co.
DULUTH—Duluth Universal Milling Co.
FAIRFAX—Crescent Milling Co.
FERGUS FALLS—Fergus Flour Mills Co.
FOSSTON—Stadsvold S. S.
FRAZEE—Stelzner Charles J.
HUTCHINSON—Ames Bros.
KENYON—Gunderson Milling Co.
LAKE CITY—Tennant & Hoyt Co.
LITTLE FALLS—Northwestern Milling Co.
MADELIA—Christensen C. S. Co.
MARSHALL—Marshall Milling Co.
MAZEPPA—Olson & Nels M.
MELROSE—Melrose Milling Co.
MINNEAPOLIS—Barber Milling Co., Cham. Com.
Big Diamond Mills Co., 922 Flour Ex.
Blaisdell Milling Co., Met. Nat'l Bank bldg.
Cannon Valley Milling Co., 822 Flour Exch.
Christian Geo. C. & Co., Inc., New Cham. Com.
Commander Mill Co., 922 Flour Exch.
Jennison W. J. Co., 922 Flour Exch.
National Milling Co., 820 Flour Exch.
Phoenix Mill Co., 705 Central av
Washburn-Crosby Co., Cham. Com.
MONTEVIDEO—Chippewa Milling Co.
MORGAN—Green Casper & Son
NORTH BRANCH—North Branch Milling Co.
NORTHFIELD—Ames Mill
OSAKIS—Osakis Milling Co.
OWATONNA—Campbell L. G. Milling Co.
PELICAN RAPIDS—Frazee H. E.
RED WING—Red Wing Milling Co.
ST. JAMES—St. James Milling Co.
ST. JOSEPH—Schroeder Milling Co.
SHAKOPEE—Christian L. & Co., Inc.
SPRINGFIELD—Springfield Milling Co.
WABASHA—Wabasha Roller Mill Co.
WELLS—Wells Flour Milling Co.
WINDOM—Collins T. C. & Son

MISSISSIPPI.

ALPHABA—Massey H. C. & Bro.
CORINTH—Union Mill, Gin & Warehouse Co.
EUPORA—Finch T. A.
GULFPORT—Hood Milling Co.
HOLLY SPRINGS—Cawthon N. W.
LENA—Garrett Bryant
PLANTERSVILLE—Repult J. W.
WEST—West Gin & Mill Co.

MISSOURI.

AURORA—Aurora Milling Co.
Majestic Milling Co.
BLOOMFIELD—Buck & Toole Milling Co.
BONNE TERRE—Moran Bros.
BOONVILLE—Sombart Milling Co.
BOWLING GREEN—Hume Mill Co.
CALIFORNIA—Kuhlmann & Meyer
CARTHAGE—Cowgill & Hill Milling Co.
McDaniel Milling Co.
CHARLESTON—Charleston Milling Co.
DE SOTO—De Soto Roller Mills
FARMINGTON—Farmington Milling Co.
Giessing Milling Co.
FLAT RIVER—Reuter Milling Co.
GLASGOW—Glasgow Milling Co.
HANNIBAL—Carter, Shepherd & Milling Co.
Hannibal Milling Co.
HERMANN—Eggers Milling Co.
HIGGINSVILLE—Higginsville Milling Co.
INDEPENDENCE—Waggoner-Gates Milling Co.
JACKSON—Cape County Milling Co.
JEFFERSON CITY—Dulle G. H. Milling Co.
JOPLIN—Brand-Dunwoody Milling Co.
KANSAS CITY—Kidder R. E. Flour Mills
Zenith Milling Co.
LEXINGTON—Lexington Flouring Mills
MARSHALL—Land Mose H.
Rea & Page Milling Co.
NEOSHO—Neosho Milling Co.
NEW HAVEN—Wolff Milling Co.
ST. LOUIS—Regina Flour Mill Co.
Saxony Mills
Standard-Tilton Milling Co., Pierce bldg.
ST. MARY'S—St. Mary's Mill Co.
SEDALIA—Sedalia Milling Co.
SPRINGFIELD—Eisenmayer Milling Co.
Link Milling Co.
TROY—Hanni Nicholas

MONTANA.

BOZEMAN—Bozeman Milling Co.
MISSOULA—Western Montana Flouring Co.

NEBRASKA.

ALBION—Albion Milling Co.
BEATRICE—Black Bros.
CAMBRIDGE—Cambridge Milling Co.
CEDAR RAPIDS—Van Ackeren Bros.
CENTRAL CITY—Jenkins J. E.
COLUMBUS—Elevator Roller Mills Co.
CRETE—Crete Mills
DAVID CITY—Etting A. E.
FREMONT—Fremont Milling Co.
GIBBON—Davis R. A.
GRAND ISLAND—Glade Henry Milling Co.
LEXINGTON—Lexington Mill & Elevator Co.
LINCOLN—Gooch Milling & Elevator Co.
Lincoln Mills, Inc.
NORFOLK—Norfolk Cereal & Flour Mills
OMAHA—Maney Milling Co.
Updike Milling Co.
ORD—Ord Milling Co.
SCHUYLER—Wells-Abbott-Nieman Co.
SEWARD—Boyes, Hulshizer & Co.

NEVADA.

LOVELOCKS—Pitt W. C.
RENO—Riverside Mill Co.

NEW JERSEY.

BELVIDERE—McMurtrie Milling Co.
MILFORD—Thomas W. & W. E.
TRENTON—Thompson A. & Co.

NEW MEXICO.

SOCORRO—Crown Mill Co.

NEW YORK.

BALDWINSVILLE—Frazee James Milling Co.
Mercer Milling Co.
BATAVIA—Franklin Mills Co.
BINGHAMTON—Baker Bros.
Moon Geo. Q. & Co., Inc.
BUFFALO—Niagara Falls Milling Co.
Urban Geo. Milling Co.
CAMDEN—Penfield & Stone
COHOCTON—Larrowe Buckwheat Flour Corp'n.
CORNING—Hayt S. T. (Est. of)
ELMIRA—Chase-Hibbard Corporation
FULTON—Gage Elwell Milling Co., Inc.
GOUVERNEUR—McAllaster J. E. & Sons
LOCKPORT—Federal Milling Co.
MORAVIA—Selover Milling Co.
NIAGARA FALLS—Cataract City Milling Co
OGDENSBURG—Bill, Bell & Co.
ONEONTA—Elmore Milling Co.
PENN YAN—Birkett Mills
POTSDAM—Potsdam Milling Co.
ROCHESTER—Hinds J. A. & Co.
Moseley & Motley Milling Co.
VICTOR—Victor Milling Co.
WARSAW—Roberts Bros. Flour Mills, Inc.
WATERTOWN—Farwell & Rhines, Inc.
WAVERLY—Personius D. V. & Son

NORTH CAROLINA.

ASHBORO—Ashboro Roller Mills
ASHEVILLE—Asheville Milling Corp'n.
BEAVER CREEK—Hamilton R. A.
BETHANIA—Bethania Stock Co.
BILTMORE—Biltmore Roller Mills
BURLINGTON—Dixie Milling Co.
Hico Milling Co.
CANE RIVER—Byrd Milling Co.
CHAPEL HILL—Pritchard W. N. & I. W.
CHINA GROVE—China Grove Roller Mills
CLAREMONT—Monitor Mills.
CRESTON—Creston Roller Mills
CROUSE—Beaver Dam Roller Mill
DEMOCRAT—Carter Milling Co.
DENTON—Denton Roller Mills
EAST BEND—Doub J. W. & Bros.
EFLAND—Efland Milling Co.
Smith W. P.
ELKIN—Elkin Roller Mills
ENTERPRISE—Arcadia Mill Co.
EURE—Storey Bros.
FARMER—Farmer Roller Mill Co.
FARMINGTON—Ellis A. W. Mill
FAYETTEVILLE—McNeill Milling Co.
FRANCISCO—George R. W.
FULLERS—Fuller A. W.
GLEN ALPINE—Glen Alpine Milling Co.
GREENSBORO—North State Milling Co.
GULF—McIver J. M.
HELTON—Perkins W. J.
HICKORY—Brewer L. R.
HIDDENITE—Davis Springs Co., Inc.
HIGH FALLS—High Falls Mfg. Co.
HIGH POINT—Barker F. H.
Dixie Milling Co.
High Point Milling Co.
HILLSBORO—Hillsboro Milling & Mfg. Co
JULIAN—Julian Milling Co.
KERNERSVILLE—Harmon & Reid
KITTRELL—Ellis J. B.
LANDIS—Landis Milling Co.
LENOIR—Lenoir Mills, Inc.
LEXINGTON—Grimes Bros.
Swing Bros.
LIBERTY—Liberty Milling Co.
LINCOLNTON—Banner Roller Mills (Inc.)
Lincoln Milling Co.
MADISON—McMichael J. P. & Co.
MAIDEN—Murray, Williams & Co.
MARION—Morgan J. L.
MEBANE—Cook Milling Co.
MIDDLEBURG—Fleming E. L.
MILTON—Milton Mill Co.
MOCKSVILLE—Horne-Johnson Co.
MONROE—Henderson Roller Mills Co.
MOORESVILLE—Templeton, Williams & Co.
MOUNT PLEASANT—Foil Bros.
NASHVILLE—Warren Milling Co.
NEWTON—Newton Roller Mills
NORTH WILKESBORO—North Wilkesboro Roller Mills
OAKS—Morrow's J. Sons
PLATEAU—Ford, Hudson & Co.
POLLOCKSVILLE—Smith P. B.
RALEIGH—Lassiter C. J.
REEPSVILLE—Howard Creek Mill Co.
RICH SQUARE—Farmers' Ginning & Milling Co.
ROCKFORD—Kurfees C. F.
RUSK—Dobbins T. A. & Co.

SALISBURY—Grimes Milling Co.
SELWIN—Hollowell & Bunch
SILER CITY—Siler City Milling Co.
SILOAM—Martin O. J.
SOUTH LOWELL—Russell Robert G.
SOUTH RIVER—Tatum P. O.
SPARTA—Sparta Roller Mill Co.
STATE ROAD—Hanes Roller Mills
STATESVILLE—City Flour Milling Co.
Star Milling Co.
Statesville Flour Mill Co.
STONEVILLE—Mitchell & Son
SUGAR GROVE—Watauga Roller Mills
TAYLORSVILLE—Taylorsville Milling Co.
TELEPHONE—Telephone Roller Mill Co.
THOMASVILLE—Ward John & Co.
TROY—Troy Milling Co.
WALLBURG—Wall G. W. & C. M.
WAYNESVILLE—McCracken M. J.
WESTFIELD—Westfield Milling Co.
WINSTON-SALEM—Forsyth Roller Mills
Southside Roller Mills
Wachovia Mills
WOODLEAF—Rice & Rutledge
WORRY—Henderson Mrs. W. C.
YADKINVILLE—Hinshaw S. T. & Co.
Hutchens & Sampson

NORTH DAKOTA.

GRAFTON—Grafton Roller Mill Co.
KULM—Kulm Mill Co.
LIDGERWOOD—Lidgerwood Co-op. Milling Co.
PARK RIVER—Park River Milling Co.
RUGBY—Rugby Milling Co.
WILLISTON—Williston Mill Co.

OHIO.

ASHTABULA—Reidenbach R. P.
BELLEFONTAINE—Colton Bros. Co.
CINCINNATI—Felss Flour Milling Co.
COSHOCTON—Lee Edwin S.
DAYTON—Durst Milling Co.
HAMILTON—Carr Milling Co.
IRONTON—Goldcamp Mill Co.
KENT—Williams Bros. Co.
LANCASTER—Graham Milling Co.
LIMA—Holdridge Hiram A. Co.
MARIETTA—Phoenix Mill Co.
MASSILLON—Warwick Co.
MILLERSBURG—Miller J. D. & J. L.
ORRVILLE—Orrville Milling Co.
PIQUA—Piqua Milling Co.
ROSCOE—Lee Edwin S. (See Coshocton)
ST. MARY'S—Gordon-Hauss-Folk Co.
SPRINGFIELD—Ansted & Burk Co.
TOLEDO—Toledo Grain & Milling Co.
YOUNGSTOWN—Baldwin Homer (Est. of)

OKLAHOMA.

ALTUS—Leger Mill Co.
ALVA—Alva Roller Mills
ANADARKO—Anadarko Milling Co.
ARDMORE—Ardmore Milling Co.
BLACKWELL—Blackwell Milling & Elevator Co.
CASHION—El Reno Mill & Elevator Co.
CENTRALIA—Tate W. C. & Son
CHEROKEE—Alfalfa Meal & Miling Co.
CHICKASHA—Chickasha Milling Co.
CLAREMORE—Claremore Mill & Elevator Co.
COUNCIL HILL—Central Mill & Elevator Co.
CUSTER—Custer Milling Co.
Hobart Mill & Elevator Co.
DEER CREEK—Blackwell Milling & Elevator Co.
DOVER—Dover Milling Co.
DRUMMOND—Enid Mill & Elevator Co.
ELK CITY—Elk City Flour Mills Co.
EL RENO—Canadian Mill & Elevator Co.
Elreno Mill & Elevator Co.
ENID—Enid Mill & Elevator Co.
Millers Milling Co.
FAY—Thomas Milling Co.
GAGE—Gage Roller Mills
GARBER—Garber Mill & Elevator Co.
GEARY—Geary Milling & Elevator Co.
GIBBON—Blackwell Milling & Elevator Co.
GOLTRY—Enid Mill & Elevator Co.
GROVE—Killam O. W. & W. T.
GUTHRIE—Guthrie Mill & Elevator Co.
HENNESSY—Star Mill & Elevator Co.
HOBART—Hobart Mill & Elevator Co.
HUGO—Hugo Milling Co.
KINGFISHER—El Reno Mill & Elevator Co.
Kingfisher Mill & Elevator Co.
Oklahoma Mill Co.
KREMLIN—Enid Mill & Elevator Co.
LAHOMA—Lahoma Roller Mills
LONE WOLF—Campbell Don C. & Sons
MADILL—Madill Grain & Elevator Co.
MANCHESTER—Manchester Mill & Elevator Co.
MANGUM—Mangum Milling Co.
MARLOW—Yukon Elevator Co.
MEDFORD—Medford Mill & Elevator Co.
MENO—Meno Milling Co.
MINCO—Minco Mill & Grain Co.
MOORE—Norman Milling & Grain Co.
MUSKOGEE—Davidson Mill & Elevator Co.
NEWKIRK—Arkansas City Milling Co.
NORMAN—Norman Milling & Grain Co.
OKARCHE—El Reno Mill & Elevator Co.
Kingfisher Mill & Elevator Co.
OKLAHOMA—Acme Milling Co.
Oklahoma City Mill & Elevator Co.
Plansifter Milling Co.
PAWHUSKA—Pawhuska Mill & Elevator Co.
PERRY—Perry Mill Co.
PONCA CITY—Ponca City Milling Co.
PORTER—Porter Mill & Elevator Co.
SALT FORK—Blackwell Milling & Elevator Co.
SAYRE—Weatherford Milling Co.
SHAWNEE—Shawnee Milling Co.
SKIATOOK—Stringer J. M.
STILLWATER—Stillwater Milling Co.
TAHLEQUAH—Tahlequah Mill & Elevator Co.
TANGIER—Alva Roller Mills
THOMAS—Hobart Mill & Elevator Co.
TULSA—Rea & Reed Mill & Elevator Co.
WAGONER—Wagoner Roller Mill Co.
WEATHERFORD — Weatherford Milling Co.
WYANDOTTE—Hollingsworth Henry
WYNNEWOOD—Kemp J. W.
YUKON—Yukon Mill & Grain Co.

OREGON.

FREEWATER—Peacock Mill Co.
ISLAND CITY—Pioneer Flouring Mill Co.
LA GRANDE—La Grande Milling Co.
PRINEVILLE—Stewart & Carlson
ST. JOHNS—Jobes Milling Co.
STAYTON—Gardner A. D.

PENNSYLVANIA.

ARDEN—Leech J. C.
ASHVILLE—Weber J. J.
BELLEFONTE Gamble, Gheen & Co.
BERNVILLE—Sunday J. D.
BETHLEHEM—Luckenbach D. & A.
BLOOMSBURG—Ikeler Roland R.
BROOKVILLE—Kline Mrs. Elizabeth
CARBONDALE—Carbondale Milling Co.
CARMICHAELS—Neil James & Co.
CLARKSTOWN—Bieber Williams S.
COLUMBIA—Columbia Milling Co.
CONNELLSVILLE—Perry & Henderson
CORRY—Evrbest Milling Corp.
Heath F. L.
Miller & Parsons
Vantassel R. H.
DUNCANNON—Duncannon Flouring Mill Co.
EASTON—Williams Frank C.
EMLENTON—Emlenton Milling Co., Ltd.
EMPORIUM—Emporium Milling Co.
ERIE—Crouch Bros. Co.
FALLS—Brown C. A.
HANOVER—Penn Mill Co.
HOWARD—Long W. H.
INDIANA—Hetrick Wilson & Co.
LAURY'S STATION—Mauser Mill Co.
LEBANON—Strickler C. F. & W. H. Milling Co.
Lebanon Milling Co.
LEWISTOWN — Spanogle-Yeager Milling Co.
LUZERNE—Luzerne Milling Co.
MACUNGIE—Fritch D. D. & N. D.
MANHEIM—Manheim Milling Co.
MIFFLIN—Manbeck W. H. & Co.
MILFORD SQUARE—Campbell E. D.
MILL HALL—Knecht Milling Co.
NEW BETHLEHEM—Red Bank Mills
NORTH EAST—Blaine-Mackay-Lee Co.
PARKER'S LANDING—Parker Milling Co.
PAXINOS—Vought Edward B.
PHILADELPHIA—Buffalo Flour Milling Co., Central Tr. bldg
Quaker City Flour Mills Co., 3040 Market
PIKESVILLE—Reitnauer James
Yoder Ellis Y.
ROCKWOOD—Rockwood Milling Co.
SCHNECKSVILLE—Hollenbach Frank H.
SELINGSGROVE—Monroe Milling Co.
Youngman J. F.
SHAWVILLE—Shaw A. B. Estate
SUNBURY—Blank & Gottschall Kift Milling Co.
TREICHLERS—Mauser Mill Co.
TROUT RUN—Berger Mrs. Chas. E.
TYRONE—Tyrone Milling Co.
WALTERSBURG—Brown Asahel C. & Son
WAMPUM—Wampum Mill Co.
WERNERSVILLE—Wertz Geo. W.
YARDLEY—Yardley Mills Co.

SOUTH CAROLINA.

CHARLESTON—Blohme Milling Co.
FLORENCE—Florence Ginning & Milling Co.
GREENVILLE—Eagle Roller Mills
Mountain City Milling Co.
LEESVILLE—Barr C. D.
LEXINGTON—George E. J.
PENDLETON—Timms S. R.
RIDGELAND—Wall D. H.
SIMPSONVILLE—Adams W. A.
SPARTANBURG—Bell J. W.
Spartanburg Grain & Mill Co.
Spartanburg Roller Mills

SOUTH DAKOTA.

ABERDEEN—Aberdeen Mill Co.
RAPID CITY—Lambert Jacob
WATERTOWN—Stokes Milling Co.
WEBSTER—Webster Mill Co.

TENNESSEE.

ADAMS—Winters J. H. & Son
AFTON—Babb Mill Co.
ANDERSONVILLE—Williams R. B.
ASPEN HILL—Williams & Simpson
ATHENS—Athens Roller Mills
ATWOOD—Murchison D. T.
BARTLETT—Gotten D. H.
BELLBUCKLE—Bellbuckle Milling Co.
BELVIDERE—Belvidere Milling Co.
BETHPAGE—Thompson R. M.
BIG SANDY—Hastings J. W. & Son
BLUFF CITY—Bluff City Mills, Inc.
BODENHAM—Patrick & Shore
BOLIVAR—Breedon Geo. W.
BOMA—Braswell S. G.
BRADFORD—Bradford Milling Co.
BRISTOL—Barrow-Scott Milling Co.
Twin City Mill Co.
BROWNSVILLE—Crandell W. W.
BUMPUS MILLS—Saline Valley Roller Mills
BURNS—Anderson S. J.
CALHOUN—Saulpaw G. L. & Son
CEDAR HILL—Cedar Hill Roller Mill
CHARLOTTE—Charlotte Roller Mills
CHATTANOOGA—Mountain City Mill Co.
Shelton Mills
CLARKSVILLE—Dunlop Milling Co.
CLEVELAND—Cleveland Milling Co.
Cox A. J.
Sykes Milling Co.
CLINTON—Linebaugh W. A.
COLUMBIA—Ashton J. B.
City Mill & Grain Co.
Columbia Mill & Elevator Co.
COOKEVILLE—Cookeville Roller Mills
COVINGTON—Covington Milling Co.
CROSS PLAINS—Durrett J. W. & Son
DANDRIDGE—Hill W. C.
Walker John
DANVILLE—Grafried W. F.
DAYTON—Dayton Milling Co.
DECHERD—Decherd Mill Co.
DIXON SPRINGS—Dixon Springs Milling Co.
DOVER—Cox W. H.
DOYLE—Doyle Roller Mills
DUKEDOM—Dukedom Roller Mill Co.
DYERSBURG—Forked Deer Milling Co.
EBENEZER—Atchley P. S.
ELIZABETHTON—Monarch Milling Co.
Watauga Flouring Mill
ENVILLE—Enville Mill & Gin Co.
ERIN—Boone Bros.
ESTILL SPRINGS—Goddard & Co.
FAYETTEVILLE—Fayetteville Milling Co.
FRANKLIN—Farr D.
FRIENDSVILLE — Friendsville Roller Mills
GEORGETOWN—White Oak Mountain Mill Co.
GLEASON—Whitworth R. J.
GORDONSVILLE—Gordonsville Milling Co.
GREENFIELD—Ward J. H. & Co.
HARRIMAN—Harriman Milling Co.
HARTSVILLE—Hartsville Milling Co.
HENDERSONVILLE—Dorris E. A. & Sons
HENNING—Turner E. H.

TENNESSEE—continued
HICKMAN—Hickman Milling Co.
HILLSBORO—Justice J. H.
HILLSDALE—Eller W. J.
HOLLOW ROCK—Hollow Rock Roller Mill
HORNBEAK—Hornbeak Milling Co.
HUNTINGDON—Dill John B.
JACKSON—McCabe E. R. & Co.
JEFFERSON CITY—Peck Mill & Grain Co.
JOHNSON CITY—Model Mill Co.
KNOXVILLE—Peters & Bradley Mill Co.
Scott Mill Co.
Smith J. Allen & Co.
LA FOLLETTE—Ausmus W. M. Co.
LASCASSAS—Brown E. G.
LAWRENCEBURG—Lawrenceburg Milling Co.
LEBANON—Cedar City Mills
LEWISBURG—Lewisburg Mill & Elevator Co.
LIMESTONE—Williams Bros.
LITTON—Hale J. H. & Son
LIVINGSTON—Livingston Roller Mill Co.
LONE MOUNTAIN—Lone Mountain Milling Co.
LOUDON—Newport Mill Co.
Roberson John W. & Co.
LYNCHBURG—Locke R. A.
McKENZIE—McKenzie Milling Co.
McMINNVILLE—Walling's Jesse Mills
MADISONVILLE—Madisonville Flouring Mills
MARTIN—Stafford Milling Co.
MEMPHIS—Davis & Andrews Co.
Yates & Donelson Co.
MERCER—Rainey T. C. & Sons
MILAN—Fuqua J. J.
MILLIGAN COLLEGE—Hendrix J. A.
MULBERRY—Farrar R. L.
NASHVILLE—Ford Flour Co.
Jones J. A. & O. L. Mill & Elevator Co.
Liberty Mills
Nashville Roller Mills
Riverside Mills
Royal Milling Co.
Southern Milling Co.
NEWBERN—Grisham C. S. & Co.
NEWPORT—Newport Mill Co.
NEW TAZEWELL—Myers & Davis
OBION—Obion Mill & Elevator Co.
OLIVER SPRINGS—Diggs S.
PARIS—Paris Milling Co.
PORTLAND—Portland Milling Co.
PULASKI—Pulaski Roller Mills
RAHT—Hooper Milling Co.
READYVILLE—Hayes & McFerrin
ROCKWOOD — Davidson-East-Molyneaux Co.
ROGERSVILLE—McDonald J. W. & Son
Rogersville Mill Co.
RUTHERFORD—Nethercott R.
SHELBYVILLE—Kingston J. B. & Co.
Riverside Mill Co.
SMYRNA—Davis Bros.
SPARTA—Mayberry Q. B. & Son
Sparta Mill Co.
SPRING CITY—Spring City Mill Co.
SPRINGFIELD—England Bros.
Ogburn Samuel D.
STRAWBERRY PLAINS—Straw Plains Milling Co.
SWEETWATER—Eagle Flouring Mill Co.
TALBOTT—Acme Milling Co.
TRENTON—Forked Deer Mfg. Co.
TROY—Troy Roller Mills
TULLAHOMA—Middle Tennessee Milling Co.
UNION CITY—Dahnke-Walker Milling Co.
VIOLA—Viola Milling Co.
VONORE—Vonore Flouring Mills
WASHBURN—Cameron Joe T.
WATAUGA—St. John J. T.
WATERTOWN—Watertown Milling Co.
WILLETTE—Highland Mill Co.
WILLISTON—Walker I. J.
WILLOW GROVE—Willow Grove Milling Co.
WINCHESTER—Winchester Milling Co.
WINDLE—Allen M. M.
WOODBURY—Blanks J. C.

TEXAS.

ALICE—Citizens Mill & Gin Co.
ANDERSON—Becker Emil
ATLANTA—Gibson & Cobb
BEN FRANKLIN—Miller T. M.
BLUM—Blum Roller Mills
BROWNWOOD—Austin Mill & Grain Co.
BYERS—Erwin J. M.
CELINA—Celina Mill & Elevator Co.
CENTERPOINT—Centerpoint Roller Mill Co.
CHILLICOTHE—Orient Milling Co.
COMET—Jackson J. O. Jr.
COMFORT—Flach Ernest
DALLAS—Stanard-Tilton Milling Co.
DECATUR—Lillard Milling Co.
DENTON—Alliance Milling Co.
Denton Milling Co.
DUBLIN—Dublin Mill & Elevator Co.
EAGLE LAKE—Stoermer G. A.
EAST BERNARD—Koym H. W.
EL PASO—El Paso Grain & Milling Co.
FARMERSVILLE—Farmersville Mill & Light Co.
FORT WORTH—Bewley Mills
Burrus Mill & Elevator Co.
GALVESTON—Anchor Milling Co.
Texas Star Flour Mills
GAYHILL—Krause F. A.
GLEN ROSE—Price A. J. & Son
GRAHAM—Graham Mill & Elevator Co.
GREENVILLE—Greenville Mill & Elevator Co.
HAMILTON—Weiser H. M.
HONDO—Hondo Gin & Milling Co.
HUFFINS—Moore & Wall
ITASCA—Itasca Roller Mills & Elevator Co.
JACKSBORO—Jacksboro Mill & Elevator Co.
JUSTIN—Justin Mill & Elevator Co.
KILGORE—Choice J. I.
LONDON—Amberson R. T.
McKINNEY—Collin County Mill & Elevator Co.
MARSHALL—Marshall Mill & Elevator Co.
MERIDIAN—Meridian Mill Co.
MEXIA—Wallace W. H.
MUNDAY—Munday Mill & Elevator Co.
NECESSITY—Andrews W. A. & Son
NEW BRAUNFELS—Dittlinger H. Roller Mills Co.
PARIS—Paris Milling Co.
PILOT POINT—Pilot Point Roller Mill Co.
PRAIRIEVILLE—Prairieville Gin & Mill Co.
RHOME—Rhome Milling Co.
SAN ANTONIO—Guenther C. H. & Son
SANGER—Sanger Mill & Elevator Co.
SEGUIN—Seguin Milling & Power Co.
SEYMOUR — Seymour Mill, Elevator & Light Co.
SHERMAN—Chapman Milling Co.
Diamond Mill Co.
Smith G. B. R. Milling Co.
STAMFORD—Stamford Mill & Elevator Co.
TAYLOR—Taylor Milling Co.
TEMPLE—Willig Bros.
TERRELL—Terrell Milling Co.
THORNTON—McLelland John C.
TROUP—Rucker J. B. & Son
UVALDE—Uvalde Gin & Milling Co.
VAN ALSTYNE—Van Alstyne Roller Mills
VERNON—Kell Milling Co.
WACO—Waco Mill & Elevator Co.
WAXAHACHIE—Modern Milling & Mfg. Co.
WEATHERFORD—Crystal Palace Flouring Mills Co.
WHITEWRIGHT—Beatrice Milling Co.

UTAH.

LAYTON—Layton Milling & Elevator Co.
LOGAN—Thatcher Milling & Elevator Co.
OGDEN—Utah Milling Co.

VERMONT.

BURLINGTON—Burlington Flouring Co.

VIRGINIA.

ABINGDON—Abingdon Milling Co.
Vance R. B.
ALDIE—Douglass J. E. & Son
APPOMATTOX—Smith L. E. & Bros.
ASHLAND—Newman E. W.
ATKINS—Musser D. B.
BENTONVILLE—Bentonville Milling Co.
BERRYVILLE—Strickler J. M.
BLAND—Mustard Bros.
BOONE MILL—Boone Milling Co., Inc.
BRIDGEWATER—Natural Falls Milling Co.
BROADFORD—Roberts J. S. & Co.
BROAD RUN—Furr & Kerr
BROCKROAD—Wakeman R. H.
BUMPASS—Smith J. O.
BURKES GARDEN—Burkes Garden Mills
CAMBRIA—Rigby James & Son
CEDAR BLUFF—Cedar Bluff Roller Mills
CEDAR SPRINGS—Keesling & Son
CHALK LEVEL—Reynolds G. W.
CHAMPE—Baskerville & Jones
CHARLOTTSVILLE—Brown Milling Co.
Lovegrove Milling & Feed Co., Inc.
CHATHAM—Moses F. L. & Bro.
CHILDRESS—Childress Mills
CHILHOWIE—Chilhowie Milling Co.
CLIFTON FORGE—Clifton Forge Milling & Feed Co., Inc.
COLOGNE—Bland J. F.
COVINGTON—Alleghany Milling Co.
McAllister & Bell, Inc.
CREWE—Crewe Roller Mills
CRIMORA—Harman & de Rundeau
CROCKETT—Groseclose J. C.
CROZET—Jones B. F.
CRUMP—Jones J. O.
CULPEPER—Aylor Bros.
DALEVILLE—Bowie E. W.
DANVILLE—Dan Valley Mills
DEARBORN—Baldock & Co.
DELAPLANE—Delaplane C. C.
DOLPHIN—Johnson A. W.
DRAPERS—Rex Milling Co.
DUBLIN—Dublin Roller Mills
EDINBURG—Edinburg Milling Co.
Fadeley Harrison
ESSEX MILL—Hoskins & Hundley
FALLS MILLS—Harry I. H.
FARMVILLE—Farmville Mills, Inc.
FINCASTLE—Howell A. T.
FISHER'S HILL—Keller John H.
FORT DEFIANCE—Knightley Milling Co.
FREDERICKSBURG—Germania Mills, Inc.
GAINESBORO—De Haven B. F.
GATE CITY—Jayn W. T.
Johnson A. W.
GILMORES MILLS—Chiles E. N. & Co.
GLADE SPRING—De Busk John
GLADYS—Crawley A. B.
Marshall James G.
GLOUCESTER—Weaver Ira B.
HARRISONBURG—Harrisonburg Milling Co.
Mutual Milling & Supply Co., Inc.
HEBRON—Fisher & Stables
HENRY—Shelton H. D.
HORNERS—Coates F. C.
HOUSTON—Banister Mills
Yates J. A.
HYACINTH—Northern L. B.
INDEPENDENCE—Independence Electric & Milling Co.
KILMARNOCK—Lancaster Roller Mills
KUNATH—Endailey & Lewis
LACEY SPRING—Shaver S. S.
LAWRENCEVILLE—Lawrenceville Mill & Ice Corp.
LEXINGTON—Lee S. A.
LIVELY—Norris Robert O.
LOTTSBURG—Clark Andrew R.
LOWESVILLE—Woodson J. B.
LURAY—Brumback F. C. & Son
Page Milling Co.
LYNCHBURG—Lynchburg Milling Co.
Piedmont Mills, Inc.
LYNNWOOD—Coiner Milling Co.
MARION—Staley H. B. Co.
Stone W. S. & Co.
MARTINSVILLE—Aaron Bros.
MECHUM RIVER—Reburn J. M.
MENDOTA—Barker Frank M.
MIDDLETOWN—Middletown Milling Co.
MINERAL—Mineral Milling Co., Inc.
MOSSY CREEK—Augusta Milling & Mercantile Co.
NARROWS—Narrows Milling Co., Inc.
Shumate Mary S.
NELLYFORD—Witt S. W. & J. W.
NEWBERN—Miller Ballard P.
NEW CASTLE—Craig Mills
NEW MARKET—Crickenberger W. P.
Manor J. D. & Co.
Stultz C. M.
NORTH RIVER—Crawn Bros.
NORTH TAZEWELL—Star Milling Co.
PENN LAIRD—Gochenour W. J.
PETERSBURG—Munt H. F.
Poole John W. & Son
Virginia Consolidated Milling Co., Inc.
PORT REPUBLIC—Port Republic Milling Co.
PULASKI—Pulaski Mills
PURCELLVILLE—Loudoun Valley Milling Co.
RAPIDAN—Holladay Henry T. Jr.
RICHMOND — Dunlop Mills (Warner, Moore & Co.)
Manchester Mills, Inc.
Mayo Milling Co.
ROANOKE—Howery-Taylor Milling Co., Inc.
Huff & Cook
Lindsey, Robinson & Co.

SALEM—Shank Milling Co.
SCOTTSVILLE—Scottsville Flour Mills.
SLATE RIVER MILLS—Slate River Milling Co.
SNOWVILLE—Snowville Milling Co.
SOUTH BOSTON—Boston Milling Co.
STANDARDSVILLE—Jarrell Bros.
STAUNTON—Bowling Andrew
Brand William F.
White Star Mills
STEELES TAVERN—Midway Milling Co.
STEPHENS CITY—Stephens City Milling Co.
STONE MOUNTAIN—Morgan John T. & Son
STRASBURG—Strasburg Steam Flouring Mills
STUART'S DRAFT—Stuart's Draft Milling Co.
SUFFOLK—Virginia Mills, Inc.
TIMBERVILLE—Mitchell & Shank
TOSHES—Giles, Son & Hubbard
Lee Milling Co.
TREE—Farmers' Milling Co.
WALKERTON—Mitchell A.fl
Walkerton Milling Co.
WALLACE—Phillips & Dickenson
WARM SPRINGS—Agner D. B.
Miller W. H. & Son
WARRENTON—Warrenton Flour Mills
WAYNESBORO—Coiner J. N.
Palmer Edward
Waynesboro Milling Co.
WEYER'S CAVE—Rockland Milling Co.
WOODSTOCK—French William S.
WYTHEVILLE—Browning S. W.
Dix Bros.
Monarch Milling Co.

WASHINGTON.

CRESTON—Creston Milling Co.
DAVENPORT—Big Bend Milling Co.
ELLENSBURG—Tjossem R. P. & Son
EVERETT—Everett Flour Mill Co.
HARTLINE—Hartline Mill & Elevator Co.
PATAHA CITY—Houser & Son
PROSSER—Taylor & Kemp
RITZVILLE—Ritzville Flouring Mills
SPOKANE—Spokane Flour Mills
TACOMA—Puget Sound Flouring Mills Co.
Tacoma Grain Co.
VANCOUVER—Vancouver Flour Mills Co.
WAITSBURG—Preston-Shaffer Milling Co.
WALLA WALLA—Dement Bros. Co.
WENATCHEE—Wenatchee Milling Co.

WEST VIRGINIA.

ALASKA—Long P. Beauregard
ALDERSON—Greenbrier Milling Co.
AUGUSTA—Augusta Milling Co.
BOAZ—Boaz Milling Co.
BRUCETON MILLS—Bruceton Milling Co.
BUCKHANNON—Star Milling Co.
BUFFALO—Bryan Bros.
BUNKERHILL—Cline Samuel S.
CAIRO—Cairo Milling Co.
CAMERON—Hagans & Isleman
CEDARVILLE—Bailey A. N.
CEREDO—Evick Thomas A.
CHARLESTON—Charleston Milling & Produce Co.
COTTAGEVILLE—Cottageville Milling Co.
ECHO—Workman G. W.
ELIZABETH—Winland W. D.
ELK GARDEN—Oates Isaac E.
ELKINS—Elkins Milling Co.
Grove Feed & Storage Co.
ELLIS—Moody P. S.
ELM GROVE—Elm Grove Milling Co.
FAIRMONT—Fairmont Feed & Storage Co.
Fairmont Grain & Milling Co.
Fleming Arch
FLEMINGTON—Flemington Mill Co.
FRANKLIN—Byrd D. M.
GLEN EASTON—Harris's J. M. Sons
GORMANIA—Duling Henry L.
GRAFTON—Exchange Mill Co.
Musgrove N. C.
GRIFFITHSVILLE—Carper J. L.
HENDERSON—Morris R. F.
HINTON—Hinton Milling Co.
HUNDRED—Hundred Milling Co.
HUNTINGTON—Gwinn Bros. & Co.
IUKA—Stamm Jacob
KEYSER—Potomac Milling & Ice Co.
LEETOWN—Gardner Bros.
LEVELS—Synder M. L. & Sons
LOUDENVILLE—Watson Bros. & Co.
MABSCOTT—Cook Milling Co.
MANNINGTON—Boor & Davis
MARQUESS—Bolyard Nelson
MARTINSBURG—Parks Alexander
MASONTOWN—Street F. L.
MATHIAS—Mathias P. S. & Co.
Stultz Ben F.
MILL CREEK—Rosencrance, Bruce & Clay
MILTON—Harshbarger Milling Co.
MOOREFIELD—Hardy County Milling Co.
Wilson D. L.
MORGANTOWN—Tenant A. W.
Victor Mills Co.
MOUNDSVILLE—Martin Arch T.
NEW HAVEN—New Haven Milling Co.
NICKELLS MILLS—Nickells C. C.
NORTH MOUNTAIN—Independent Roller Milling Co.
PARKERSBURG—Kirk William
Peerless Milling Co.
POCA—Carney J. M.
READER—Burgess M. W. & J. G.
REEDY—Reedy Mill Co.
ROMNEY—Farmers' Exchange
RONCEVERTE—Miller J. M.
Ronceverte Milling Co.
RUDDLE—Byrd Arlie C. & Co.
SAINT ALBANS—Nunberger Jos.
SAINT MARYS—Saint Mary's Milling Co.
SHEPARDSTOWN—Whiting Milling Co.
SHINNSTON—Lucas Bros.
SILVERTON—Suck Theodore
SISTERVILLE—Roome E.
SPENCER—Farmers' Roller Mills
SPRING CREEK—Spring Creek Milling Co.
SUTTON—Sutton Grocer & Milling Co.
TANNER—Tanner Mill Co.
TERRA ALTA—Welch U. S.
TURTLE CREEK—Canterbury A. C.
WARDENSVILLE—McKeever A. Boyd
WESTON—Weston Milling Co.
WHEATLAND—Feagans W. C.
WHITE SULPHUR SPRINGS—Mountain Milling Co.
WILLIAMSPORT—Cassady D. L. & Bro.

WISCONSIN.

BLACK RIVER FALLS—Charter Oak Milling Co.
BLOOMER—Bloomer Mill Co.
CHIPPEWA FALLS—Consolidated Milling Elevator & Power Co.
GALESVILLE—Davis Mill Co.
GRAND RAPIDS—Grand Rapids Milling Co.
GRANTSBURG—Hickerson Roller Mill Co.
GREEN BAY—Hess G. B. Co.
MARINETTE—Marinette Flour Mill Co.
MILWAUKEE—Krause C. A. Milling Co., 37 & Burnham
STEVENS POINT—Jackson Milling Co.
WATERTOWN—Globe Milling Co.
WAUSAU—Cereal Mills Co.

4902— Flour (Rye)

Alert Mills, Fountain City, Wis.
Arndt Bros., Sheboygan, Wis.
Bay State Milling Co., Winona, Minn.
Blair Milling Co., Atchison, Kans.
Blodgett Milling Co., Janesville, Wis.
Boutwell Milling & Grain Co., Troy, N. Y.
Campbell L. G. Milling Co., Owatonna, Minn.
Clyde Milling & Elevator Co., Clyde, Kans.
Coombs Wm. A. Milling Co., Coldwater, Mich.
Cox A. G., Osseo, Wis.
Crete Mills, Crete, Neb.
Dayton Milling Co., Towanda, Pa.
Dean Silas & Son, Oak Hill, N. Y.
Eagle Roller Mill Co., New Ulm, Minn.
Fremont Milling Co., Fremont, Neb.
Friedline Wm., Sipesville, Pa.
Galloway A. T., Oakdale, Neb.
Gilbert & Nichols Co., Fulton, N. Y.
Heisel C., Est. of, Plattsmouth, Neb.
Kearney Flour Mills, Kearney, Neb.
Krueger & Lachmann Milling Co., Neenah, Wis.
Loberg Milling Co., Nelsonville, Wis.
Menomonie Milling Co., Menomonie, Wis.
Minneapolis Cereal Co., 1238 Jackson, Minneapolis, Minn.
Montrose Milling Co., Montrose, Minn.
New Occidental Mill Co., Minneapolis, Minn.
New Ulm Feed & Cereal Mill Co., New Ulm, Minn.
Phoenix Milling Co., Sacramento, Cal.
Saginaw Milling Co., Saginaw, Mich.
Smith Joseph & Co., Stockton, N. J.
Struve John, Lyons, Ia.
Van Wyck & Stringham, Fishkill Plains, N. Y.
Vorhis F. C., Brookton, N. Y.
Walker W. W. Milling Co., Alden, Minn.
Wells-Abbott-Nieman Co., Schuyler, Neb.
Western Star Mill Co., Salina, Kans.
Willy & Co., Appleton, Wis.
Wright, Stillman & Co., Berlin, Wis.

4903— Flour (Tapioca)

Leyland Thos.. & Co., Readville, Boston, Mass.
Morningstar Chas. & Co., 233 B'way, New York
Tanner Chas S. Co., 250 So Water, Providence, R. I.

4904-5— Flour (Wheat)

Ansted & Burk Co., Springfield, O.
Arndt Bros., Sheboygan, Wis.
Atlanta Milling Co., Atlanta, Ga.
Baldwin Dwight M., Jr., 2219 Pillsbury av, Minneapolis, Minn.
Ballard & Ballard Co., Louisville, Ky.
Bay State Milling Co., Winona, Minn.
Big Diamond Mills Co., 922 Flour Exch., Minneapolis, Minn.
Blish Milling Co., Seymour, Ind.
Brickley F. M. & Co., Prairie du Rocher, Ill.
Campbell L. G. Milling Co., Owatonna, Minn.
Capitol Milling Co., Los Angeles, Cal.
Cataract City Milling Co., Niagara Falls, N. Y.
Commercial Milling Co., Woodbridge & Randolph, Detroit, Mich.
City Mills Co., Columbus, Ga.
Coombs Wm. A. Milling Co., Coldwater, Mich.
Cox A. G., Osseo, Wis.
Crete Mills, Crete, Neb.
Denesia C. W., Evans Mills, N. Y.
Eagle Roller Mill Co., New Ulm, Minn.
Elevator Roller Mills, Co., Columbus, Neb.
Esche-Nelson Milling Co., Manawa, Wis.
Fall Creek Milling Co., Ithaca, N. Y.
Fergus Flour Mills Co., Fergus Falls, Minn.
Fremont Milling Co., Fremont, Neb.
Galloway A. T., Oakdale, Neb.
Gambrill C. A. Mfg. Co., 140 Commerce, Baltimore, Md.
Globe Grain & Milling Co., Los Angeles, Cal.
Greenville Milling Co., Greenville, Ky.
Halliday H. L. Milling Co., Cairo, Ill.
Hannah & Lay Co., Traverse City, Mich.
Harter Milling Co., Toledo, O.
Hayden Wm. Milling Co., Tecumseh, Mich.
Holley Milling Co., Ogden, Utah
Hungarian Flour Mills, Denver, Colo.
Kansas Milling Co., Wichita, Kans.
Kern J. B. A. & Sons, Milwaukee, Wis.
Krueger & Lachmann Milling Co., Neenah, Wis.
La Grange Mills, Red Wing, Minn.
Lawrenceburg Roller Mills Co., Lawrenceburg, Ind.
Liken John C. & Co., Sebewaing, Mich.
Listman Mill Co., La Crosse, Wis.
Loberg Milling Co., Nelsonville, Wis.
Michigan Milling Co., Ann Arbor, Mich.
Montrose Milling Co., Montrose, Minn.
National Milling Co., Toledo, O.
New Prague Flouring Mill Co., New Prague, Minn.
New Ulm Roller Mill Co., New Ulm, Minn.
Norton Willis & Co., Topeka, Kans.
Holley Milling Co., Ogden, Utah
Paterson Geo. B., Burdett, N. Y.
Perry Mill Co., Perry, Okla.
Piloid Milling Co., Swanton, O.
Pillsbury Flour Mills Co., 3d fl Met. Life bldg, Minneapolis, Minn.
Pinckneyville Milling Co., Pinckneyville, Ill.
Portland Flouring Mills Co., Portland, Ore.
Putnan E. M. Columbus, Pa.
Red Wing Milling Co., Red Wing, Minn.
Russell Miller Milling Co., Valley City, North Dak.
Saginaw Milling Co., Saginaw, Mich.
Saxony Mills Corp., St. Louis, Mo.
Schultz, Baujan & Co., Beardstown, Ill.
Sheffield-King Milling Co., 3d fl Cham. Com., Minneapolis, Minn.
Sparks Milling Co., Alton, Ill.
Sperry Flour Co., San Francisco, Cal.
Tennant & Hoyt Co., Lake City, Minn.
Thoman F. Milling Co., Lansing, Mich.
Thompson Milling Co., Lockport, N. Y.
Tiger Shoals Milling Co., Wellford, S. C.
Valley City Milling Co., Grand Rapids, Mich.

FLOUR (Wheat)—continued
Voigt Milling Co., Grand Rapids, Mich.
Washburn-Crosby Co., Cham. Comm., Minneapolis, Minn.
Waterloo & Cedar Falls Union Mill Co., Cedar Falls, Ia.
Wells-Abbott-Nieman Co., Schuyler, Neb.
Willshire Milling Co., Willshire, O.
Willy & Co., Appleton, Wis.

Flour (Wood)

See Wood Flour

4906— *Flues (Smoke)

Daly M. J. & Sons, Waterbury, Conn.
DOVER BOILER WORKS, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Leetonia Boiler Co., Leetonia, O.
Pittsburgh-Des Moines Steel Co. (also Chimney), 4th & Ross, Pittsburgh, Pa. *See adv index at end of book*

4907— Flumes (Iron)

Casey-Hedges Co., Chattanooga, Tenn.
CALIFORNIA CORRUGATED CULVERT CO., Calco, Berkeley, Cal.
DOVER BOILER WORKS (Also Steel), Sales Office: 50 Church, New York. Works: Dover, N. J.
See adv index at end of book
Fitz Water Wheel Co., Hanover, Pa.
Fouts C. C. Co., 650 Woodlawn av, Middletown, O.
Graver Wm. Tank Works, East Chicago, Ind.
Hardesty Mfg. Co. ("Hess," "Armco," Metal & Corrugated Steel), Denver, Colo.
Harry Bros. Co. ("Harry's," Corrugated & "K-D," Galvanized), Carr av & I. C. R. R., New Orleans, La.
Hunt Rodney Machine Co., Orange, Mass.
Keeler E. Co., Williamsport, Pa.
Klauer Mfg. Co. (Galvanized), Dubuque, Iowa
Leetonia Boiler Co., Leetonia, O.
Lone Star Culvert Co., Houston, Tex.
Mitchell-Tappen Co. (& Steel), 15 John, New York
Nebraska Culvert & Mfg. Co., Wahoo, Neb.
Pittsburgh-Des Moines Steel Co. (Iron & Steel), 4th & Ross, Pittsburgh, Pa. *See adv index at end of book*
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Southern Bridge Co., Birmingham, Ala.
Spokane Culvert & Flume Co., Spokane, Wash.
Standard Corrugated Pipe Co., Rialto bldg, San Francisco, Cal.
Swick W. L. ("Swick" Galvanized Iron & Steel), Glenwood Springs, Colo.
Traylor Engng. & Mfg. Co., Allentown, Pa.
Vulcan Sheet Metal Co. ("Hinman"), Denver, Colo.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

4908— Flumes (Wood)

Stevens Tank & Tower Co., Auburn, Me.

4909— Fluorspar

Binswanger H. P., 203 B'way, New York
Crocker Bros. (Importers), 21 E 40th, New York
Foote Mineral Co., 107 N 19th, Phila., Pa.
Fulles Ralph L. & Co., Inc., 2 Rector, New York

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Heyward Thos. R. Co., Farmers Bank bldg, Pittsburgh, Pa.
Kentucky Fluor Spar Co. (Ground), Marion, Ky.
Lavino E. J. & Co. (Importers), Bullitt bldg, Phila., Pa.
New England Quartz Co. of N. Y., 107 William, New York
Roessler & Hasslacher Chemical Co., 100 William, New York
Rogers-Brown & Co. (Jobbers), 77-78 Carew bldg, Cincinnati, O.
Rosiclare Lead & Fluorspar Mines, Washington, D. C.
Tennant C. Sons & Co. of N. Y. (Importers), 100 William, New York
Wiarda Jno. & Co., 273 Greene, Brooklyn, N. Y.

4910—Flushers (Automatic Sewage, Etc.)

Merritt Hydraulic Co. ("Merritt"), 110 N Broad, Phila., Pa.

4911— Flux (Blast Furnace)

Bessemer Limestone Co. (Limestone), Youngstown, O.
Dolomite Products Co. (Limestone), 1110 Euclid av, Cleveland, O.
Ohio Marble Co. (Limestone), Piqua, O.

4912—*Flux (Boron Suboxide)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

4913—Flux (Brazing & Welding)

American Alloys Co. (Aluminum, also Melting "American Flux"), American bldg, Baltimore, Md.
Cortland Welding Compound Co. (Oxy-Acetylene Welding), Cortland, N. Y.
Cox Brass Mfg. Co., Albany N. Y.
Economy Welding Machine Co. (Aluminum, Brass, Copper & Bronze "Economy Brand," "Dicksteph Cast Iron Brand"), Kansas City, Mo.
General Welding Co., Hoboken, N. J.
Metal Products Co. ("Clean-Weld"), 78 Portland, Boston, Mass.
Seligman Arthur (Imp.), 165 B'way, New York

4914— Flux (Foundry)

American Alloys Co. (For Brass & Copper), American bldg, Baltimore, Md.
American Boron Products Co. ("Boron"), Reading, Pa.
Basic Mineral Co. ("Keystone" Thermo & Radioclarite), 834 Columbus av, Pittsburgh, Pa.
Bessemer Limestone Co. (Limestone), Youngstown, O.
Buckeye Products Co., 919-929 W 5th, Cincinnati, O. *See adv index at end of book*
Foundry Specialty Co., Cincinnati, O.
New Era Mfg. Co., Kalamazoo, Mich.
Uraniumite Co. of America, 609 Main, Buffalo, N. Y.

Flux (Soldering)

See Soldering Paste, Salts & Stick

4914a— Fluxmeters

Holtz Herman A., 2 Madison av, New York
See adv index at end of book

4915— Fly Nets

Altland Alfred D., Dillsburg, Pa.
Bemis Bro. Bag Co. (Horses, Cotton & Twine), 601 S 4th, St. Louis, Mo.
Brougher W. D. Net Co., Wellsville, Pa.
Chase L. C. & Co., 89 Franklin, Boston, Mass. *See adv index at end of book*
Gem Hammock & Fly Net Co., 326 Florida, Milwaukee, Wis.
Given R. & Son Co. (For Horses), Sidney, Ohio
Hardenbergh P. R. L. & Co. (Leather, etc), 237 E 8th, St. Paul, Minn.
Harley J. S. (Cotton Horse), Quakertown, Pa.
Hess & Hopkins Leather Co., Rockford, Ill.
Kling Mfg. Co., 2425 Fond du Lac av, Milwaukee, Wis.
Ortmayer A. & Son, 159 W Illinois, Chicago, Ill.
Palmer I. E. Co. (Cotton), Middletown, Conn.
Scheffer & Rossum Co., 104 E 10th, St. Paul, Minn.
Wellsville Mfg. Co., Wellsville, Pa.
Young Benjamin Co., 241 E Water, Milwaukee, Wis.

Fly Screens

See Screens, Window, Metal Frame; also Screens, Window & Door; also Screens, Wire, Rustless

4915a— *Fly Wheels

WHITON D. E. MFG. CO. (Finished Ready for Gas Engines), New London, Conn.
See adv index at end of book

4916— Foil (Aluminum)

Aluminum Co. of America, Oliver bldg, Pittsburgh, Pa.
See adv index at end of book
Seligman Arthur (Imp), 165 B'way, New York

4917— Foils (Fencing)

Spalding A. G. & Bros. (Importers), 126 Nassau, New York

4917a—Folders & Scrapers (Flat)

The Arlington Works (De Pond E. I. de Nemours & Co., 21 E 40th, New York

4918—Foods (Animal & Poultry)

Baugh & Sons Co. (Poultry), 20 S Delaware av, Phila., Pa.
Consolidated Rendering Co. ("The-eggs-pay-for-it" brand), 40 N Market, Boston, Mass.
Pacific Coast Beef & Provision Co., Los Angeles, Cal.
Rogers A. Co., Aurora, Ill.
Wilson & Co., Union Stock Yards, Chicago, Ill.

4919—Foods (Cereal, Prepared, Etc.)

See also Oatmeal

Albers Bros. Milling Co., Los Angeles, Cal.
American Cereal-Coffee Co., 18 East Kinzie, Chicago, Ill.
Ashby & Sons, Leavenworth, Kans.
Atlas Cereal Co., 1200 West 8th, Kansas City, Mo.
Beck Cereal Co., 569 Fort West, Detroit, Mich.
Better Way Products Co., San Diego, Cal.
Biltmore Wheat Hearts Co., Asheville, N.C.
Canadian-American Cereal Products Co., Produce Exchange, New York
Chicago Concentrated Food Co., Inc., 3059 Sheffield av, Chicago, Ill.
Cream of Wheat Co., 5th & 1st av, N Minneapolis, Minn.
Cumberland Cereal Co., Cumberland, Md.
Dimond Milling Co., Keokuk, Ia.
Evans Milling Co., Indianapolis, Ind.
Excelsior Cereal Milling Co., 726 Santa Fe av, Los Angeles, Cal.
Farwell & Rhines, Watertown, N. Y.
Franklin Mills Co., Batavia, N. Y.
Fruen Cereal Co., Western av, S W cor Thomas av, N Minneapolis, Minn.
Gift J. W. & Co., Peoria, Ill.
Golden Elevator & Mill Co., Golden, Ill.
H-O Company, Buffalo, N. Y.
Hecker Cereal Co., 40 Corlear, New York
Horlick's Malted Milk Co., Racine, Wis.
Johnson Educator Food Co., 40 Broad, Boston, Mass.
Kaufman Ben. & Sons, 178 Stanton, New York
Kaufman Jos., 148 Ludlow, New York
Kaufman Milling Co., 148 Ludlow, New York
Kellogg Food Co., Battle Creek, Mich.
Kellogg Toasted Corn Flake Co., Battle Creek, Mich.
Keystone Flour Co., 1534 Ridge av, Phila., Pa.
King Cereal & Mfg. Co., 559 West Rand, Chicago, Ill.
Lea Milling Co., Wilmington, Del.
Lens Co., 3d av & Ross, Pittsburgh, Pa.
Lexington Flouring Mills, Lexington, Mo.
Mellin's Food Co., 261 Franklin, Boston, Mass.
Michigan Tea Rusk Co., Holland, Mich.
Murdock Liquid Food Co., 78 Tyler, Boston, Mass.
Northern Illinois Cereal Co., 1306 Belmont av, Chicago, Ill.
Oakdale Baking Co., 10th & Susquehanna av, Phila., Pa.
Pacific Milling Co., 74 Langton, San Francisco, Cal.
Patent Cereals Co., Geneva, N. Y.
Phospho Food Co., Los Angeles, Cal.
Pillsbury Flour Mills Co., Metropolitan Life bldg, Minneapolis, Minn.
Plymouth Milling Co., Le Mars, Ia.
Postum Cereal Co., Ltd., Battle Creek, Mich.

Puget Sound Flouring Mills Co., Tacoma, Wash
Pure Gluten Food Co., 90 W B'way, New York
Quaker Oats Co., 80 E Jackson blvd, Chicago, Ill.
Ridges Food Co., 2080 Washington, Boston, Mass.
Shredded Wheat Co., 233 B'way, New York
Sims Cereal Co., Central av, Minneapolis, Minn.
South Side Cereal Mills, Fort Wayne, Ind.
Stanard Tilton Milling Co., Pierce bldg, St. Louis, Mo.
Standard Flaked Food Co., Owosso, Mich.
Sun Milling Co., Oakland, Cal.
Thompson Milling Co., Lockport, N. Y.
United Cereal Mills, Quincy, Ill.
U. S. Cereal Co., Upper Sandusky, O.
Voigt Milling Co., Grand Rapids, Mich.
Waseca Milling Co., Waseca, Minn.
Wheatena Company, Rahway, N. J.
Woods J. S., Fredericksburg, Va.

4920—Foot Rests for Automobiles

Highton Wm. & Sons Co., Nashua, N. H.
Novelty Mfg. Co., Waterbury, Conn.

4921— Foot Rests (Radiator)

Central Supply Co. ("Ovendens"), Worcester, Mass.
Jennison Co. (" Jennison," Adjustable), Fitchburg, Mass.

4922—Foot Rests (Shoe Blacking)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Columbus Brass Co., 538 Columbus av, Columbus, O.
See adv index at end of book
Grey Iron Casting Co., Mt. Joy, Pa.
Kupferle Jno. C. Foundry Co. ("Eclipse"), 1st & Wright, St. Louis, Mo.
Root-Heath Mfg. Co., Plymouth, O.
Sacks Louis, Inc. ("Star"), Wilson av, Newark, N. J.
Weller Hardware & Foundry Co., Horseheads, N. Y.
Wrightsville Hardware Co., Wrightsville, Pa.

4923—Foot Warmers (Electric)

American Electrical Heater Co., Burroughs & Woodward avs Detroit Mich.
Hotpoint Electric Heating Co. ("El Warmo"), Los Angeles, Cal.
International Elec. Co., Indianapolis, Ind.
Rochester Stamping Co., Anderson av, Rochester, N. Y.
Simplex El. Htg. Co., 85 Sydney, Cambridge, Mass.
Slaughter Wm. F Co., 1712 S Michigan av, Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

4923a1—Footwarmers (Soapstone)

Alberene Stone Co., 223 E 23rd, New York
Hutchins-Kilbourne Co. ("Utility" Imitation Soapstone), Buffalo, N. Y.
Old Dominion Soapstone Co., 71 Murray, New York
Phoenix Soapstone Co., 71 Murray, New York
Pike Mfg. Co., Pike, N. H.
Union Soapstone Co., 14 Marshall, Boston, Mass.
Vermont Soapstone Co., Perkinsville, Vt.
Virginia Soapstone Co., Schuyler, Va.

4923a—*Forced Draft Apparatus

Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book

4924— Forges (Blast)

BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Buffalo Forge Co. (Stationary & Portable), Buffalo, N. Y.
Champion Blower & Forge Co. ("Champion"), Lancaster, Pa.
Michigan Forge & Iron Wks., 30 Richmond av, Detroit, Mich.
Miner & Peck Mfg. Co., New Haven, Conn.
New York Blower Co., Archer av & Canal, Chicago, Ill.; Works: Bucyrus, O.
Miner & Peck Mfg. Co., New Haven, Conn.
Paterson Forge Co., Bridgeport, Conn.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

Forges (Brazing)

See Furnaces, Brazing

4925—Forges for Brazing Irons

Covel Mfg. Co., Benton Harbor, Mich.
Hauck Mfg. Co., 101 11th, Brooklyn N. Y.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

4926—Forges for Drop Forging Plants

American Gas Furnace Co. (Gas Blast), 24 John, New York
Miner & Peck Mfg. Co., New Haven, Conn.
ROCKWELL W. S. CO., 50 Church, New York. *See adv index at end of book*

4927— Forges (Gas Blast)

American Gas Furnace Co., 24 John, New York
Chicago Flexible Shaft Co. ("Stewart," Gas or Oil Blast), 5600 W 12th, Chicago, Ill.
Comstock A. S. (Automatic Power), Evanston, Ill.
Lucas J. L. & Son ("Gas Saver"), Bridgeport, Conn.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.
U. S. Gas Furnace Co., 46 Clifford, Providence, R. I.

4927a— Forges (Hammer)

ROCKWELL W. S. CO., 50 Church, New York *See adv index at end of book*

4928— Forges (Heating)

See also Furnaces

Bradley C. C. & Son, Syracuse, N. Y.
Buffalo Forge Co., Buffalo, N. Y.
Canedy-Otto Mfg. Co. (Portable & Stationary), Chicago Heights, Ill.
Chicago Flexible Shaft Co. ("Stewart," Crude Oil or Gas), 5600 W 12th, Chicago, Ill.
Evans' Jno. Sons (& Welding), 506 N 13th, Philadelphia, Pa.
Hauck Mfg. Co., 101 11th, Brooklyn, N. Y.
Ingersoll-Rand Co., 11 Broadway, New York *See adv index at end of book*
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
New York Blower Co., Archer av & Canal, Chicago, Ill. Works, Bucyrus, O.
ROCKWELL W. S. CO., 50 Church, New York *See adv index at end of book*
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

4929—Forges (Manual Training)

Oliver Machinery Co. ("Oliver"), Grand Rapids, Mich.

4930— Forges (Oil, Portable)

Best W. N., Inc., 11 B'way, New York
Denver Fire Clay Co. ("Case" Low Pressure), Denver, Colo.
Hauck Mfg. Co., 101 11th, Brooklyn, N. Y.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Mirc's Fuel-Oil Equipment Co., Lancaster, Pa.
National Supply Co. ("Billow" System), 416 W Grand av, Chicago, Ill.
ROCKWELL W. S. CO. (& Stationary), 50 Church, New York
See adv index at end of book
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

4931— Forges (Pneumatic)

Hauck Mfg. Co., 101 11th, Brooklyn, N. Y.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Manitowoc Shipbuilding Co. ("Gunnell"), Manitowoc, Wis.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

4932— Forges (Portable)

Beall Tool Co., East Alton, Ill.
Brown & Patterson, 33 Marcy av, Brooklyn, N. Y.
Buffalo Forge Co., Buffalo, N. Y.
Canedy-Otto Mfg. Co. ("Western Chief" & "Royal"), Chicago Heights, Ill.
Champion Blower & Forge Co., Lancaster, Pa.
Chicago Scale Co., 7740 S Chicago av, Chicago, Ill.
Cleveland Steam Gauge Co. ("Watson"), 1108 W 9th, Cleveland, O.
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
Fargo Foundry Co. (Farm), Fargo, N. D.
Furness Bros. Co. ("Cumming"), 1613 Walnut, Chicago, Ill.
Potts D. H. Co., Lancaster, Pa.
Silver Mfg. Co., Salem, O.
STURTEVANT B. F. CO. ("Sturtevant," Also Stationary), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

4932a—Forges for Railroad Shops

ROCKWELL W. S. CO., 50 Church, New York *See adv index at end of book*

4933—Forges (Rivet Heating)

American Shop Equipment Co. ("American" Portable Oil & Gas Forges), McCormick bldg, Chicago, Ill.
Best W. N., Inc., 11 B'way, New York
Braun Corp. ("Braun," Gasoline Fuel), Los Angeles, Cal.
Champion Blower & Forge Co., Lancaster, Pa.
Hauck Mfg. Co., 101 11th, Brooklyn, N. Y.
Lovejoy Tool Works (Portable), 319 W Ohio, Chicago, Ill.

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MACLEOD CO., 2227 Bogen St., Cincinnati, O.

Mahr Mfg. Co. (Portable Oil), 715 15th av, N E Minneapolis, Minn.
Manitowoc Shipbuilding Co., Manitowoc, Wis.
Manitowoc Engineering Works, Manitowoc, Wis.
ROCKWELL W. S. CO. (Bolt & Rivet), 50 Church, New York
See adv index at end of book
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.
See adv index at end of book
Tate-Jones & Co. (Portable & Stationary Oil Rivet Forges), Empire bldg, Pittsburgh, Pa.

Forges (Tuyere Iron)

See Heaters, Tuyere Iron

4933a1—Forges (Upsetting)

ROCKWELL W. S. CO., 50 Church, New York *See adv index at end of book*

Forging Machines

See Machines, Forging

4933a—*Forgings (Aeroplane Cylinders)

Canton Drop Forging & Mfg. Co., Canton, Ohio
CHAMPION MACHINE & FORGING CO., 3690 E 78th, Cleveland, O.
See adv index at end of book
Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
See adv index at end of book
Standard Parts Co. (The), Cleveland, O.
See adv index at end of book
Tioga Steel & Iron Co., Phila., Pa.
Union Switch & Signal Co., Swissvale, Pa.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book

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4934—Forgings (Alloy Steel)

Allegheny Forging Co., 1st Natl. Bank bldg, Pittsburgh, Pa.
Blakeslee Forging Co., Plantsville, Conn.
Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
See adv index at end of book
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Horsburgh Forge Co., 17310 St. Clair, Cleveland, O.
Johnston & Jennings Co., Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
Ludlum Steel Co., Watervliet, N. Y.
Morgan Engineering Co., Alliance, O.
See adv index at end of book
Union Switch & Signal Co., Swissvale, Pa.
Whitman & Barnes Mfg. Co., 1000 W 120th, Chicago, Ill.
See adv index at end of book
Williams J. H. & Co., 31 Richards, B'klyn, N. Y. *See adv index at end of book*

4935— Forgings (Aluminum)

Union Drop Forge Co., 358 W Grand av, Chicago, Ill.
United States Aluminum Co., Oliver bldg, Pittsburgh, Pa.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book
Williams J. H. & Co., 31 Richards, B'klyn, N. Y. *See adv index at end of book*

4936—Forging (Automatic Coupler)

Bethlehem Steel Co., So Bethlehem, Pa.

4937— Forgings (Automobile)

See Forgings, Drop; also Forgings, Iron & Steel
Allegheny Forging Co., 1st Natl. Bank bldg, Pittsburgh, Pa.
American Forge Works, Denver, Col.
American & British Mfg. Co., Charles, Providence, R. I.
Anderson Forge & Machine Co., Detroit, Mich.
Ashtabula Bow Socket Co. (Automobile Bow-Sockets, Gooseneck & Top Rest Irons, Socket Irons, etc), Ashtabula, O.
Atlas Drop Forge Co., Lansing, Mich.
Atwater Mfg. Co., Southington, Conn.
Baker Gun & Forging Co., Batavia, N. Y.
Barnett Drop Forging Co. (Crankshafts & All Auto Forgings), East Hampton, Mass.
Belden Machine Co., New Haven, Conn.
Bethlehem Steel Co. (Of Special Grades of Steel), South Bethlehem, Pa.
Billings & Spencer Co., Hartford, Conn.
Blackeslee Forging Co., Plantsville, Conn.
BONNEY VISE & TOOL WORKS, Allentown, Pa. *See adv index at end of book*
Briscoe Motor Corp., Jackson, Mich.
CHAMPION MACHINE & FORGING CO., 3690 E 78th, Cleveland, O.
See adv index at end of book
Christe-Kline Forge Co., Detroit, Mich.
Clapp E. D. Mfg. Co., 300 Genesee, Auburn, N. Y.
Cleveland City Forge & Iron Co., Cleveland, O.
Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
See adv index at end of book
Cleveland Hardware Co., Cleveland, O.
Columbus Bolt Works Co., Columbus, O.
Cortland Forging Co., Cortland, N. Y.
Detroit Forging Co., 120 Mt. Elliot av, Detroit, Mich.
Detroit Steel Products Co., Detroit, Mich.
Driggs-Seabury Ordnance Co., Sharon, Pa.
Eccles Richard Co., Auburn, N. Y.
FRASSE, PETER A. & CO., INC., 417 Canal, New York
See adv index at end of book
Frost Gear & Forge Co., Jackson, Mich.
Fulton Drop Forge Co., Canal Fulton, O.
General Drop Forge Co., Buffalo, N. Y.
Gill P. H. & Sons, 2 Lorraine, Brooklyn, N. Y.
Globe Malleable Iron & Steel Co., 101 Greenway av, Syracuse, N. Y.
Hayes Mfg. Co. (Iron), Detroit, Mich.
Henry & Allen, Auburn, N. Y.
Heppenstall Forge Co., Bridgeport, Conn.
Heppenstall Forge & Knife Co., 47th & Hartford, Pittsburgh, Pa.
Herbrand Co., Fremont, O.
Horsburgh Forge Co., 17310 St. Clair, Cleveland, O.
Indianapolis Drop Forging Co., Indianapolis, Ind.
Ingalls-Shepard Forging Co., 332 S Michigan av, Chicago, Ill.; Works: Harvey, Ill.
Keystone Drop Forge Works, Chester, Pa.
Keystone Forging Co., Northumberland, Pa.
Kropp Forge Co., 2512 W 21st, Chicago, Ill.
Lakeside Forge Co. ("Lakeside"), Erie, Pa.
McInnes Steel Co. (Ltd.) ("McInnes," Steel), Corry, Pa.
Michigan Bolt & Nut Works, Detroit, Mich.
New Brunswick Iron Works, New Brunswick, N. J.
O. K. Tool Holder Co., Shelton, Conn.
Ohio Forge Co. (Drop & Hammered), Cleveland, O.
Page Storms Drop Forge Co., Chicopee, Mass.
Park Drop Forge Co., 760 E 79th, Cleveland, O.
Richmond Forgings Corporation, Richmond, Va.
Rivetless Chain & Engineering Co., Avon, Pa.
Rockford Drop Forge Co., Rockford, Ill.
Seward M. & Son Co., New Haven, Conn.
Strieby & Foote Co. (Drop), 301 Ogden, Newark. N. J.
Thomson Drop Forge Co., Plantsville, Conn.
Tindel-Morris Co. (Finished), Eddystone, Pa.
Tioga Steel & Iron Co., Phila., Pa.

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United Forge & Machine Co., 527-43 Franklin, Detroit, Mich.
Union Drop Forge Co., 358 W Grand av, Chicago, Ill.
Union Forging Co., Union, N. Y.
Union Switch & Signal Co., Swissvale, Pa.
Western Tool & Forge Co., Brackenridge, Pa.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.
Whitman & Barnes Mfg. Co., Akron, Ohio
See adv index at end of book
Williams J. H. & Co., 31 Richards, Brooklyn, N. Y.
See adv index at end of book
Wyman-Gordon Co. (Cam Shaft, Connecting Rod, etc), Worcester, Mass.

4937a — *Forgings (Brass, Bronze, Copper & Monel Metal)

See also following headings

AM. BRASS PRODUCTS CO., Pottstown, Pa.

4938— Forgings (Bronze)

American Brass Products Co., Pottstown, Pa.
American Manganese Bronze Co., 3501 Rhawn, Phila., Pa.
Billings & Spencer Co., Hartford, Conn.
Bridgeport Metal Goods Mfg. Co., Bridgeport, Conn.
Cramp Wm. & Sons Ship & Engine Bldg. Co., Beach & Ball, Phila., Pa.
Detroit Steel Products Co., Detroit, Mich.
Eureka Co., North East, Pa.
General Drop Forge Co., Buffalo, N. Y.
Keystone Drop Forge Works, Chester, Pa.
Lakeside Forge Co., Erie, Pa.
O. K. Tool Holder Co. (Tobin Bronze), Shelton, Conn.
Page Storms Drop Forge Co., Chicopee, Mass.
Pennsylvania Forge Co., Wakeling & Bermuda, Phila., Pa.
Transue & Williams, Steel Forging Corp., Alliance, O.
Union Drop Forge Co., 358 W Grand av, Chicago, Ill.
Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.
Virginia Forging & Mfg. Co., Richmond, Va.
Williams J. H. & Co., 31 Richards, Brooklyn, N. Y.
See adv index at end of book

4938a— Forgings (Car)

American Car & Foundry Co., St. Louis, Mo.
Brass Foundry & Machine Co., Ft Wayne, Ind.
Cambria Steel Co., Widener Bldg, Phila, Pa.
Edge Moor Iron Co., Edge Moor, Del.
Erie Car Works, Erie, Pa.
Etna Forge & Bolt Co., House Bldg, Pittsburgh, Pa.
Hoopes & Townsend Co., Broad & Buttonwood, Phila, Pa.
Illinois Car & Mfg Co., 20 W Jackson Blvd, Chicago, Ill.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Pittsburgh Forge & Iron Co., 1003 Penn av, Pittsburgh, Pa.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Steel Car Forge Co., Hammond, Ind.
Steel Car Forge Co., Ellwood City, Pa.
Titusville Forge Co., Titusville, Pa.
Tredegar Co., Richmond, Va.
Valley Forging Co., Verona, Pa.
Western Steel Car & Fdry Co., People's Gas Bldg., Chicago, Ill.
Western Tool & Forge Co., Brackenridge, Pa.
Willard, Sons & Bell Co., 3044 98th, Chicago, Ill.

4939—Forgings (Carriage & Wagon)

Akron-Sells Co. (wagon), Akron, O.
Atwater Mfg. Co., Southington, Conn.
Blakeslee Forging Co., Plantsville, Conn.
BONNEY VISE & TOOL WORKS, Allentown, Pa. *See adv index at end of book*
CHAMPION MACHINE & FORGING CO. (The), 3690 E 78th, Cleveland, O.
See adv index at end of book
Clapp E. D. Mfg. Co., 300 Genesee, Auburn, N. Y.
Cleveland Hdwe Co. (Steele), Cleveland, O.
Columbus Bolt Wks. Co., Columbus, O.
Cortland Forging Co., Cortland, N. Y.
Drummond Mfg. Co. (wagon), Louisville, Ky.
Eccles Richard Co., Auburn, N. Y.
Herbrand Co., Fremont, Ohio.
Keystone Forging Co., Northumberland, Pa.
Kilborn & Bishop Co., New Haven, Conn.
Mott Wheel Works, Jackson, Mich.
Owensboro Forging Co. (wagon), Owensboro, Ky.
Queen City Forging Co. (Carriage), Dumont & Tennyson, Columbia, Cleveland, O.
Smith H. D. & Co., Plantsville, Conn.
Standards Parts Co. (The), Cleveland, O.
See adv index at end of book
Strieby & Foote Co., 301 Ogden, Newark, N. J.
Tioga Steel & Iron Co., Phila., Pa.
Union Forging Co., Union, N. Y.
Wilcox D. Mfg. Co., Mechanicsburg, Pa.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book

4940— Forgings (Cold)

Badger Tool & Forge Co. (Chisels, Punches, Drift Pins), 707 Nebraska, Oshkosh, Wis.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book
Worcester Pressed Steel Co., Worcester, Mass.

4941— Forgings (Copper)

American Brass Products Co., Pottstown, Pa.
Anderson Forge & Machine Co., Detroit, Mich.
Billings & Suencer Co., Hartford, Conn.
Columbia Machine Works & Malleable Iron, Co., Atlantic av & Chestnut, Brooklyn, N. Y.
Electric Materials Co., North East, Pa.
Eureka Co., North East, Pa.
General Drop Forge Co., Buffalo, N. Y.
Keystone Drop Forge Works, Chester, Pa.
Kilborn & Bishop Co. New Haven, Conn.
Lakeside Forge Co., Erie, Pa.
Mutual Electric & Machine Co., 232 Fort, W, Detroit, Mich.
Page Storms Drop Forge Co., Chicopee, Mass.
Pennsylvania Forge Co., Wakeling & Bermuda, Phila., Pa.
Transue & Williams, Steel Forging Corp., Alliance, O.
Union Drop Forge Co., 358 W Grand av, Chicago, Ill.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book
Williams J. H. & Co., 31 Richards, Brooklyn, N. Y.
See adv index at end of book

4942— Forgings (Die)

Allegheny Forging Co., 1st Natl Bank bldg, Pittsburgh, Pa.
American Forge & Machine Co., Canton, O.
Crucible Steel Forge Co., Grant av, Cleveland, O.
Hay-Budden Mfg. Co., 254 N Henry, Brooklyn, N. Y.
Ohio Forge Co., Cleveland, O.
Park Drop Forge Co., 760 E 79th, Cleveland, Ohio
Pittsburgh Trolley & Forge Co., Pittsburgh, Pa.
Sizer Forge Co., 238 Larkin, Buffalo, N. Y.
Tindel-Morris Co., Eddystone, Pa.
Union Switch & Signal Co., Swissvale, Pa.
United Forge & Machine Co., 527-43 Franklin, Detroit, Mich.
Vulcan Steam Forging Co., 251 Rano, Buffalo, N. Y.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book
Williams J. H. Co., 31 Richards, B'klyn, N. Y. *See adv index at end of book*
Wyman-Gordon Co., Worcester, Mass.

4943— Forgings (Disc)

Allegheny Forging Co., 1st Nat'l Bank bldg, Pittsburgh, Pa.
Horsburgh Forge Co., 17310 St. Clair, Cleveland, O.
Ohio Forge Co., Cleveland, O.
Pittsburgh Trolley & Forge Co., Pittsburgh, Pa.
Steel Forgings Co., Oakley, Cincinnati, O.
Tioga Steel & Iron Co., Phila., Pa.
Union Switch & Signal Co., Swissvale, Pa.

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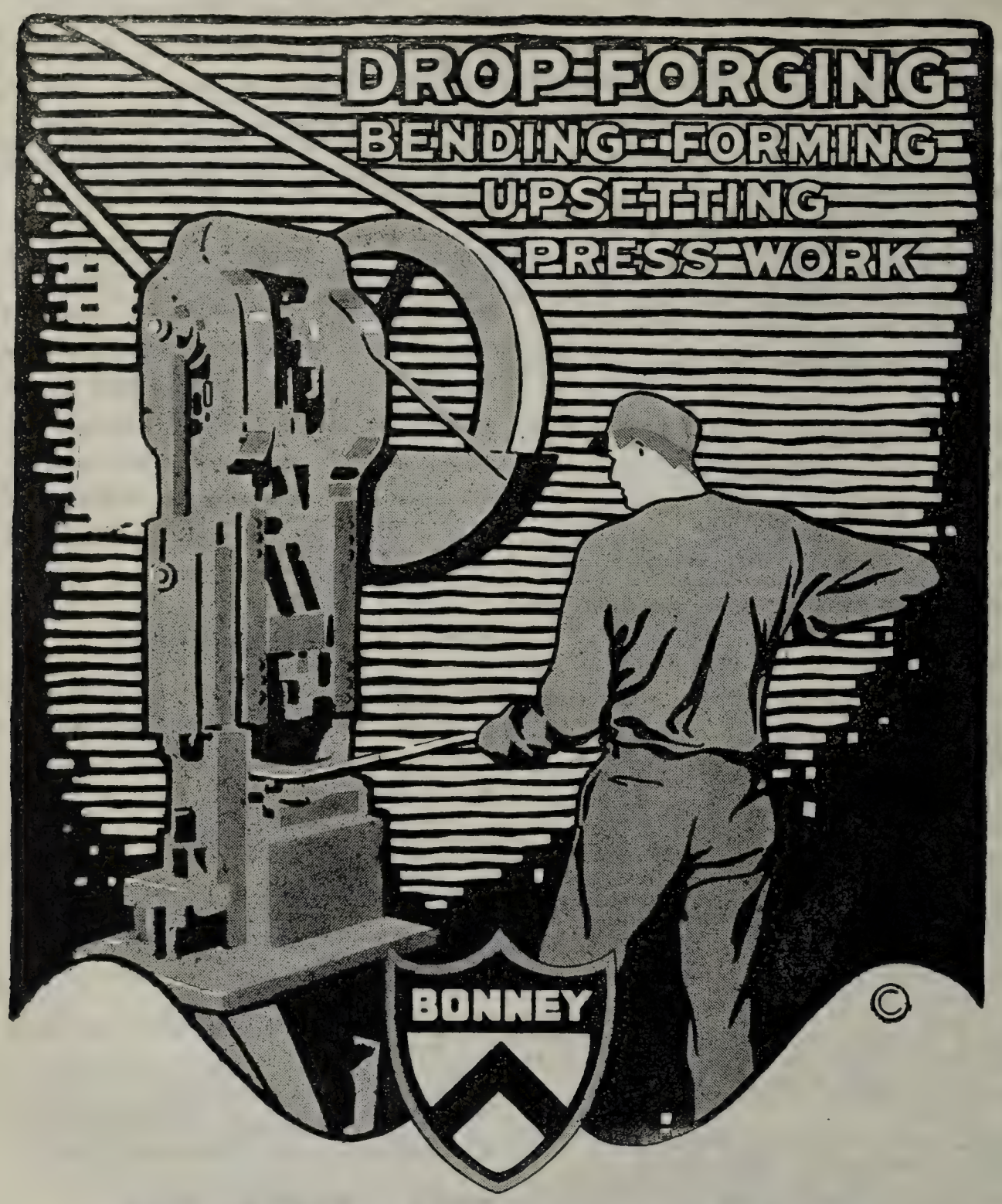

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FORGINGS (Disc)—continued

Vulcan Steam Forging Co., 251 Rano, Buffalo, N. Y.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book
Wharton Wm. Jr. & Co., Inc., Easton, Pa.

4944— Forgings (Drop)

See also Forgings, Iron & Steel

Allegheny Forging Co., 1st Nat'l Bank bldg, Pittsburgh, Pa.
American Car & Fdry Co., Syndicate Trust bldg, St. Louis, Mo.
American Chain Co., Bridgeport, Conn.
American Forge Works, Denver, Colo.
American Forge & Machine Co., Canton, O.
American Forging & Socket Co., Pontiac, Mich.
American & British Mfg. Co., Charles, Providence, R. I.
Amsterdam Drop Forging Co., Amsterdam, N. Y.
Anderson Forge & Machine Co., Detroit, Mich.
Atlas Drop Forge Co., Lansing, Mich.
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Ballard Drop Forge Co., Seattle, Wash.
Barnett Drop Forging Co. (Auto & General), Easthampton, Mass.
Bassett D. M. Bolt Works, Shelton, Conn.
Belden Machine Co., New Haven, Conn.
Bethlehem Steel Co., South Bethlehem, Pa.
Billings & Spencer Co. (Automobile & Spring Steering Connections, Spring Box Throttle Connections, Rod & Yoke End), Hartford, Conn.
Blakeslee Forging Co., Plantsville, Conn.
Bonner Drop Forge Co., 332 S Michigan av, Chicago, Ill.
BONNEY VISE & TOOL WORKS, Allentown, Pa. *See adv index at end of book*
Boston & Lockport Block Co., 100 Condor, East Boston, Mass.
Brown R. H. & Co., New Haven, Conn.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Canton Drop Forging & Mfg. Co., Canton, Ohio
Cape Ann Tool Co., Rockport, Mass.
CHAMPION MACHINE & FORGING CO., 3690 E 78th, Cleveland, O.
See adv index at end of book
Clapp E. D. Mfg. Co. (Carriage, Bicycle, etc), 300 Genesee, Auburn, N. Y.
Clark W. J. Co., Salem, O.
Cleveland City Forge & Iron Co., Cleveland, O.
Cleveland Hardware Co., Cleveland, O.
Cleveland Punch & Shear Works Co., 3921 St. Clair av N E Cleveland, O.
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Columbus Anvil & Forging Co., Columbus, O.
Columbus Bolt Works Co. (Carriage, etc), Columbus, O.
COLUMBUS FORGE & IRON CO., Columbus, O. *See adv index at end of book*
Consolidated Mfg. Co. (Automobile, etc.), Toledo, O.
Crescent Forgings Co., Oakmont, Pa.
Crescent Tool Co., 200 Harrison, Jamestown, N. Y.
Danielson J. P. & Co., Jamestown, N. Y.
Davis Hardware Mfg. Co., Gloucester, Mass.
Dean Forging Co., Muncie, Ind.
Detroit Forging Co., 120 Mt. Elliot av, Detroit, Mich.
Detroit Steel Products Co., Detroit, Mich.
Diamond Forging & Mfg. Co., Chartiers & Ridge av, N. S., Pittsburgh, Pa.
Driggs-Seabury Ordnance Co. (Vanadium Steel, Nickel & Carbon), Sharon, Pa.
Drop Forging Co. of New York, 301 West Side av, Jersey City, N. J.
Duncan Forge Co., Toledo, O.
Dunn Machine Co., Buffalo, N. Y.
Dyson Jos. & Sons, Cleveland, O.
Eccles Richard Co. (Carriage & Special), Auburn, N. Y.
Electro Steel Co., Curry bldg, Pittsburgh, Pa.
Emergency Forge Co., Lansing, Mich.
Endicott Forging & Mfg. Co., Endicott, N. Y.
Finkl A. & Sons Co., 1326 Cortland, Chicago, Ill.
FRASSE PETER A. & CO., INC., 417 Canal, New York
See adv index at end of book
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General Drop Forge Co., Buffalo, N. Y.
Globe Malleable Iron & Steel Co., 101 Greenway av, Syracuse, N. Y.
Hartford Drop Forge Co. (Small & Medium), Hartford, Conn.
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
Henry & Allen, Auburn, N. Y.
Herbrand Co., Fremont, O.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Indianapolis Drop Forging Co. (All Kinds), Indianapolis, Ind.
Ingalls-Shepard Forging Co., 332 S Michigan, Chicago, Ill. Works, Harvey, Ill.
Irvington Mfg. Co. (Gun Parts, Bicycle, etc), Irvington, N. J.
Keystone Drop Forge Works (Special, All Kinds), Chester, Pa.
Keystone Forging Co. (Carriage & Special), Northumberland, Pa.
Kilborn & Bishop Co. (Carriage, Bicycle, etc), New Haven, Conn.
Kraeuter & Co. (Small, High Grade), 583 18th av, Newark, N. J.
Kropp Forge Co., 2512 W 21st, Chicago, Ill.
Ladish Drop Forge Co., Cuhady, Wis.
Lakeside Forge Co. ("Lakeside"), Erie, Pa.
Livermore, Homer F., Inc., 85 Pearl, Boston, Mass.
McKaig Drop Forge Co., Buffalo, N. Y.
McKay Jas. Co., Pittsburgh, Pa. Works: McKees Rocks, Pa.
Marine Hardware Equipment Co. ("Acme" & "Wheco"), S. Portland, Me.
MERRILL BROS., 3 Arnold, Maspeth (Borough of Queens), New York
See adv index at end of book
Michigan Bolt & Nut Works, Detroit, Mich.
Modern Machy. Co. (Finished), Wilmington, Del.
Moore Drop Forging Co., Springfield, Mass.
New Castle Steel & Iron Co., Pittsburgh, Pa.
New England Forge Co., Worcester, Mass.
Newton W. H. & Son, Cortland, N. Y.
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
O. K. Tool Holder Co., Shelton, Conn.
Ohio Forge Co., Cleveland, O.
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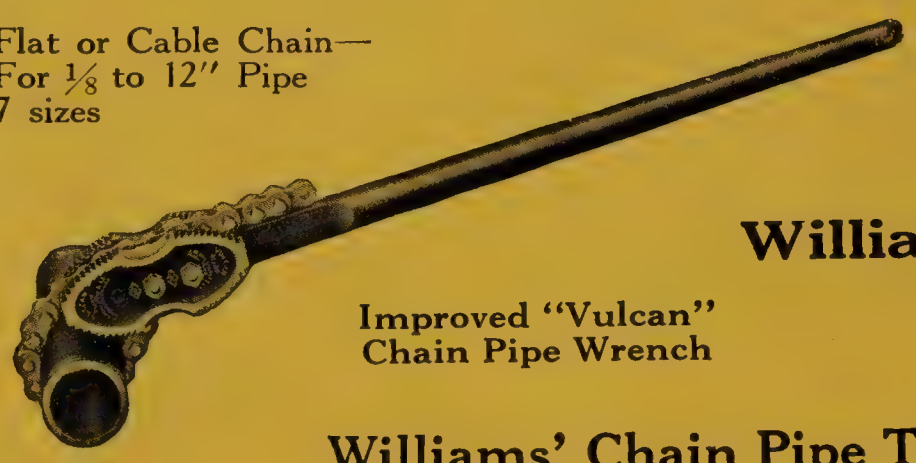

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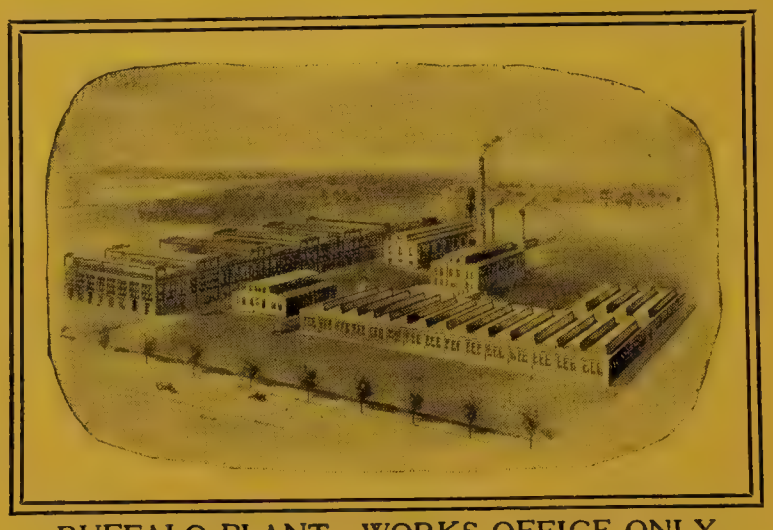

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Pawtucket Mfg. Co., Pawtucket, R. I.
Pennsylvania Forge Co., Wakeling & Bermuda, Phila., Pa.
Revere Drop Forge Co., Revere, Mass.
Rhode Island Tool Co., Providence, R. I.
Richmond Forgings Corp., Richmond, Va.
Rivetless Chain & Engineering Co., Avon, Pa.
Rockford Drop Forge Co., Rockford, Ill.
Roren Drop Forging Co., Inc., 36 Warren, New York
St. Louis Frog & Switch Co., Chemical bldg, St. Louis, Mo.
Schollhorn Wm. Co., New Haven, Conn.
Schuylkill Forge Co., Luzerne & Third, Phila, Pa.
Scranton Forging Co. (Carriage, etc), Scranton, Pa.
Seward M. & Son Co. (Carriage, Bicycle, etc), New Haven, Conn.
Smith A. O. Co. (Up to 600 lbs), Milwaukee, Wis.
Smith H. D. & Co. (Vehicle & Special), Plantsville, Conn.
Southern Saw Works, East Point, Ga.
Spicer Mfg. Co., So. Plainfield, N. J.
Standard Welding Co., W 73 & L S & M S Ry, Cleveland, O.
Steel Car Forge Co., Pittsburgh, Pa.
Sterling Drop Forge Works, 112 N La Salle, Chicago, Ill.
Stolle Frank J., 4th & Walnut, Cincinnati, O.
Strait H. M. Mfg. Co., Kansas City, Kan.
Strieby & Foote Co. (Automobile & Special), 301 Ogden, Newark, N. J.
Thomson Drop Forge Co., Plantsville, Conn.
Transue & Williams Steel Forging Corp., Alliance, O.
Union Drop Forge Co., 358 W Grand av, Chicago, Ill.
Union Switch & Signal Co., Swissvale, Pa.
Valley Forging Co., Verona, Pa.
Voight Henry Mach. Co., Louisville, Ky.
Western Tool & Forge Co., Brackenridge, Pa.
Western Tool & Mfg Co., Springfield, O.
Whitaker Mfg. Co., 409 S Green, Chicago-Ill.
WHITMAN & BARNES MFG. CO., Akron, O.
See adv index at end of book
Wilcox D. Mfg. Co., Mechanicsburg, Pa.
Wilcox, Crittenden & Co., Middletown, Conn.
Williams Drop Forging Co., Scranton, Pa.
Williams J. H. & Co., 31 Richards, Brooklyn, N. Y.
See adv index at end of book
Wyman-Gordon Co., Worcester, Mass.

Forgings (Electric)

See Welding, Electric

4945—Forgings (Electric Railway)

See also Forgings, Drop; also Forgings, Iron & Steel

Allegheny Forging Co., 1st Nat'l Bank bldg, Pittsburgh, Pa.
Anderson Forge & Machine Co., Detroit, Mich.
Bethlehem Steel Co., So. Bethlehem, Pa.
Brill J. G. Co., 62d & Woodland av, Phila, Pa.
Champion Machine & Forging Co., 3690 E 78th, Cleveland, O.
See adv index at end of book
Columbia Machine Works & Malleable Iron Co. (All Kinds), Atlantic av & Chestnut, Brooklyn, N. Y.
General Drop Forge Co., Buffalo, N. Y.
Hubbard Co., 63rd & Butler, Pittsburgh, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Keystone Drop Forge Works, Chester, Pa.
Lakeside Forge Co. ("Lakeside"), Erie, Pa.
Heppenstall Forge Co., Bridgeport, Conn.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Page Storms Drop Forge Co., Chicopee, Mass.
Park Drop Forge Co., 760 E 79th, Cleveland, O.
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
Steel Car Forge Co., Pittsburgh, Pa.
Union Drop Forge Co., 358 W Grand av, Chicago, Ill.
Union Switch & Signal Co., Swissvale, Pa.
Wason Mfg Co., Springfield, Mass.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book

4946— Forgings (Electrically Welded)

Allegheny Forging Co., 1st Nat'l Bank bldg, Pittsburgh, Pa.
B. & K. Mfg. Co., New Britain, Conn.
STANDARD PARTS CO. (Electric Welded), Cleveland, O.
See adv index at end of book

4947—Forgings (Gas Engine)

See also Forgings, Drop; also Forging, Iron & Steel

Allegheny Forging Co., 1st Nat'l Bank bldg, Pittsburgh, Pa.
Anderson Forge & Machine Co., Detroit, Mich.
Atlas Drop Forge Co., Lansing, Mich.
Bay City Forge Co., 1820 Cranberry, Erie, Pa.
CHAMPION MACHINE & FORGING CO., 3690 E 78th, Cleveland, O.
See adv index at end of book
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio
Columbus Bolt Works Co., Columbus, O.
Driggs-Seabury Ordnance Co., Sharon, Pa.
Duncan Co., Forge, Toledo, O.
Erie Forge Co. (Marine), Erie, Pa.
General Drop Forge Co., Buffalo, N. Y.
Heppenstall Forge Co., Bridgeport, Conn.
Heppenstall Forge & Knife Co., 47th & Hatfield, Pittsburgh, Pa.
Keystone Drop Forge Works, Chester, Pa.

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FORGINGS (Gas Engine)—continued
Kropp Forge Co., 2512 W 21st, Chicago, Ill.
Ohio Forge Co., Cleveland, O.
Park Drop Forge Co., 760 E 79th, Cleveland, O.
Rockford Drop Forge Co., Rockford, Ill.
Sizer Forge Co., 238 Larkin, Buffalo, N. Y.
Strieby & Foote Co., 301 Ogden, Newark, N. J.
Steel Forging Co., Oakley, Cincinnati, O.
Tindel-Morris Co., (Specialty, Crankshafts Finished), Eddystone, Pa. & Ellwood City, Pa.
Titusville Forge Co., Titusville, Pa.
Union Drop Forge Co., 358 W Grand av, Chicago, Ill.
Union Switch & Signal Co., Swissvale, Pa.
Vulcan Steam Forging Co., 251 Rano, Buffalo, N. Y.
Western Drop Forge Co., P O Box 386, Marion, Ind.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book
Williams J. H. & Co., 31 Richards, Brooklyn, N. Y.
See adv index at end of book
Wyman-Gordon Co., Worcester, Mass.

4948—Forgings (German Silver)

Riverside Metal Co., Riverside, N. J.

4949— Forgings (Hollow)

Bethlehem Steel Co., South Bethlehem, Pa.
Erie Forge Co. (Bored, Hole from ½ "to 20" Diameter, and from 1 ft. to 30 ft. Length, Rough or Finished), Erie, Pa.
Nat'l Forge & Toole Co. (Bored), Erie, Pa.

4950— Forgings (Hydraulic)

American Forge & Machine Co. (Steam Hydraulic Press), Canton, O.
American & British Mfg. Co., Charles, Providence, R. I.
Atlas Drop Forge Co., Lansing, Mich.
Bethlehem Steel Co., South Bethlehem, Pa.
Cleveland City Forge & Iron Co., Cleveland, O.
Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book
Morgan Engineering Co., Alliance, O.
See adv index at end of book
Park Drop Forge Co., 760 E 79th, Cleveland, O.
Sizer Forge Co., 238 Larkin, Buffalo, N. Y.
Tindel-Morris Co., Eddystone, Pa.
Tioga Steel & Iron Co., Phila., Pa.
Titusville Forge Co., Titusville, Pa.
Wharton Wm. Jr. & Co., Easton, Pa.
Wyman-Gordon Co., Worcester, Mass., & Cleveland, O.

4951—Forgings (Iron & Steel)

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ALABAMA.

BIRMINGHAM — Birmingham Mach. & Fdry Co.
Cruse-Crawford Mfg. Co.
Schaefer Mfg. Co.
HUNTSVILLE—Huntsville Fdry. & Machine Co. (Nolan & Jones, Props), (Light & Heavy)

CALIFORNIA.

SAN FRANCISCO—American Forge Co., 25 Tehama
Noble Electric Steel Co., 995 Market
Pennington G. W. Sons, 1699 Montgomery
The Pollak Steel Co., Hobart Bldg.
Union Iron Works Co. (Ship & Mining), 20th & Michigan
Yuba Mfg. Co., Insurance Exchange bldg.

COLORADO.

DENVER—Ajax Iron Works Co. (Steam Hammer)
American Forge Works
PUEBLO—Pueblo Fdry. & Machine Co.

CONNECTICUT.

BRIDGEPORT—Farist Steel Co. (Steel Machinery, etc)
Heppenstall Forge Co.
HARTFORD—Billings & Spencer Co.
NEW HAVEN—Seward M. & Son Co.
PLANTSVILLE—Blakeslee Forging Co.
Smith H. D. & Co. (Carriage)
Thomson Drop Forge Co.
SHELTON—O. K. Tool Holder Co.
SOUTHINGTON—Atwater Mfg. Co. (Carriage & Specials)
WATERBURY—Moffat H. R. & J.

DELAWARE.

EDGE MOOR—Edge Moor Iron Co. (Also Pressed Steel for Car Trucks, etc)
WILMINGTON—Modern Machinery Co. (Finished)

GEORGIA.

EAST POINT—Southern Saw Works
SAVANNAH—Kehoe Iron Works
Rourke Jno. & Sons (Heavy)

ILLINOIS.

BLOOMINGTON—Acme Forge & Machine Co.
CHICAGO—Ajax Forge Co., 2499 Blue Island av
Atlas Forgings Co., 2515 S Artesian av
Buda Co. (Special Track Work), Railway Exch bldg
Illinois Car & Mfg. Co. (Car), 20 W Jackson blvd
Ingalls-Shepard Forging Co. (Auto, R. R. Machinery, etc.), 332 S Michigan, Chicago, Ill. Works: Harvey, Ill.
Kropp Forge Co. (General Forgings), 2512 W 21st
O'Leary Arthur J. & Son Co. (Bars, Rods, Bolts, Vises, Railway & Quarry Tools, etc), 65th & 57th av
Standard Forgings Co., 80 E Jackson blvd
Steel Fabricating Co. (Light), Chicago Heights, Ill.
Sundberg Co. (General Forgings), 1024 W Kinzie
Union Drop Forge Co., 358 W Grand av.
Western Steel Car & Foundry Co. (Car & Railroad), Peoples' Gas bldg, Chicago, Ill.
Willard Sons & Bell Co. (Axles, Locomotives & Cars), 3044 98th
HARVEY—Buda Co. (See Chicago, Ill.)
MOUNT VERNON — Mount Vernon Car Mfg. Co. (R R, etc)
PEORIA—Armstrong J. C. Machine & Foundry Co.
ROCKFORD—Rockford Drop Forge Co. (Steel)

INDIANA.

FORT WAYNE—Bass Foundry & Machine Co. (Hammond Iron & Steel, also Car Axles)
GARY—Gary Screw & Bolt Co.
HAMMOND—Steel Car ,Forge Co. (Car etc)
INDIANA HARBOR — Standard Forgings Co. (Heavy, for Mining, Milling & Power Transmission Machinery) (See Chicago, Ill.)

IOWA.

DES MOINES—McDonnell Boiler & Iron Works (Heavy)
WATERLOO—Armstrong Mfg. Co. (Heavy Steel)
Ferguson Mfg. Co. (Oil, Gas & Water)

KANSAS.

KANSAS CITY—Strait H. N. Mfg. Co.

KENTUCKY.

LOUISVILLE—Drummond Mfg. Co. (Vehicles, Axles, etc), 1210 W Main
Sheppard Mfg. Co.
OWENSBORO — Owensboro Forging Co. (Vehicle Only)

LOUISIANA.

NEW ORLEANS—Swoop Julian M. (Light & Heavy), 913 Girod

MAINE.

PORTLAND—Fletcher & Crowell Co.
Portland Co.

MARYLAND.

BALTIMORE—Baltimore Car & Foundry Co. (Iron & Steel, Railroad, etc), Continental bldg
Cahill W. S. Co., ft of Webster
CUMBERLAND—Cumberland Steel Co.

MASSACHUSETTS.

ARLINGTON HEIGHTS—Jones Ball Co. (Small Steel, Brass, etc)
BOSTON—Boston Forge Co. (All Kinds of Hammered Forgings), E
Preble Edward, 103 Sumner, E B
CAMBRIDGE — Barbour Stockwell Co. (Light & Heavy)
EVERETT—New England Bolt Co. (All Kinds)
GLOUCESTER—Cape Ann Anchor Works
QUINCY—Fore River Shipbuilding Corp. (Heavy)
SPRINGFIELD—Wason Mfg. Co. (For Steam Electric Railroads)
WORCESTER—New England Forge Co.
Wyman-Gordon Co. (All Kinds)

MICHIGAN.

DETROIT—Anderson Forge & Machine Co.
Christe-Kline Forge Co. (Automobile & Machine)
Detroit Forging Co., 120 Mt. Elliot av
Detroit Steel Products Co. (Steel)
Great Lakes Engineering Works (Marine, etc)
Hayes Mfg. Co.
Lauer Jno. Mach. Co.
Michigan Bolt & Nut Works
United Forge & Machine Co., 527-43 Franklin, Detroit, Mich.
GRAND RAPIDS—Leitelt Adolph Iron Works
JACKSON—Mott Wheel Works (Carriage & Bike Wagon)
MANISTEE—Manistee Iron Works Co. (Railroad & Heavy)
SAGINAW—Koehler Bros.
SAULT SAINTE MARIE—Hickler Bros.

MINNESOTA.

DULUTH—National Iron Co.

MISSOURI.

KANSAS CITY—Kansas City Bolt & Nut Co. (Car R R & Merchant)
ST. LOUIS—American Car & Foundry Co. (Car, Railroad & Merchant), Syndicate Trust bldg
LACLEDE STEEL CO., Federal Reserve Bank bldg
Mesker Bros. Iron Co. (Light), 421 S 6th
Moran Bolt & Nut Mfg. Co. (Car), 1st & Florida
St. Louis Car Co. (Car), 8000 N B'way

MONTANA.

BUTTE—Western Iron Works

NEBRASKA.

OMAHA—Paxton & Vierling Iron Works

NEW JERSEY.

BORDENTOWN — Bordentown Forge & Machine Co.
CAMDEN—Camden Forge Co. (Railway Forgings)

CHROME—Chrome Steel Works
HOBOKEN—Atkinson W. H. Co. (Hammered Forgings, Rough or Machined)
Consolidated Iron Works
New York Switch & Crossing Co. (Railroad)
Union Iron Works (Light & Heavy)
JERSEY CITY—Drop Forgings Co. of N. Y., 301 West Side av
Smith Theo. & Sons Co. (Heavy), ft of Essex
NEWARK—Hewes & Phillips Iron Works, 8 Orange
Roe & Conover, 206 Frelinghuysen av, Newark, N. J.
See adv index at end of book
Strieby & Foote Co., 301 Ogden (Carriage, Bicycle & Auto, etc)
NEW BRUNSWICK—New Brunswick Iron Works

NEW YORK.

ALBANY—Townsend Foundry & Machine Shop Co., Broadway & Rensselaer
See adv index at end of book
AUBURN—Genesee Clapp E. D. Mfg. Co. (Carriage, etc), 300 Genesee
Eccles Richard Co.
Henry & Allen
BATAVIA—Baker Gun & Forging Co. (Gun)
BUFFALO—Brennan Richard, 33 River
De Laney Forge & Iron Co., 300 Perry
General Drop Forge Co.
Progressive Structural Steel Co.
Sizer Forge Co. (Locomotive, Iron & Steel Drawing Axles & Marine Engine), 238 Larkin
Vulcan Steam Forging Co., 251 Rano
Wurtz & Son (Railroad & Boiler), Builders Exchange
CORTLAND—Cortland Forging Co. (Carriage)
HILLBURN—Ramapo Iron Works (Railroad, etc)
ITHACA—Williams Bros.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Columbia Machine Works & Malleable Iron Co. (Light & Heavy), Atlantic av & Chestnut
Fulton Foundry & Machine Co. (Machinery, etc), 21 Furman
Gaskell Wm. & Son, 59 Freeman
Gill Phil. H. & Sons (Forging & Piping), 2 Lorraine
Hay-Budden Mfg. Co. (Dies, Weldless Rings, Spinning Chucks), 254 N Henry
Williams J. H. & Co., 31 Richards
See adv index at end of book

Boroughs of Manhattan and Bronx.

NEW YORK—**ALLOY STEEL PRODUCTS CORP.**, 30 Church
See adv index at end of book
American Bridge Co., 30 Church
American Car & Foundry Co. (Car, Railroad & Merchant), 165 B'way
Crowley John A. Co., 120 Liberty
Davidson Steel & Forging Corp., 122 Maiden la.
Dobbie Foundry & Machine Co. (Heavy Plate & Structural Work), 82 Warren. Works: Niagara Falls, N. Y.
FRASSE PETER A. & CO., INC. (Steel Only), 417 Canal
See adv index at end of book
Gerdes & Co., 42 Church
See adv index at end of book
Gould Coupler Co. (Car Couplers, etc), 30 E 42d
Griscom-Russell Co., 92 West
See adv index at end of book
Greenlie-Halliday Co. (Heavy & Light), 499 Water
McDougall & Potter Co., Inc., 606 W 55th
Newhall Chain, Forge & Iron Co., 89 West
Ogden J. Edward Co. (Light & Heavy), 147 Cedar
Philadelphia Steel & Forge Co. (All Kinds), 50 Church; Works: Tacony, Phila., Pa.
Watson's Forge & Machine Works, 553 W 35th

Borough of Queens.

LONG ISLAND CITY—Stuebner G. L. Iron Works (Light), Queensboro Terminal *See adv index at end of book*
MASPETH—**MERRILL BROS.**, 3 Arnold
See adv index at end of book

(End of New York City)

NIAGARA FALLS—Dobbie Foundry & Machine Co. (Heavy Plate & Structural Work
Ramapo Iron Works (Railroad, etc)
SOLVAY—The Hammond Steel Co., Inc.
SYRACUSE—**HALCOMB STEEL CO.**
See adv index at end of book
TONAWANDA—Gillie Machine Co.
UNION—Union Forging Co. (Carriage & Automobile)

OHIO.

AKRON—Akron-Selle Co. (Wagon)
Whitman & Barnes Mfg. Co.
See adv index at end of book
ALLIANCE—Morgan Engineering Co.
See adv index at end of book
CANAL FULTON—Fulton Drop Forge Co.
CINCINNATI—Pollak Steel Co. (Railroad, etc), Carthage
Queen City Forging Co. (For Carriage Builders, etc), Dumont & Tennyson, Columbia
Steel Forgings Co., Oakley
Talbot C. R. Co., Alfred & Spring Grv. av
Winkelman Louis & Co., 213 Lawrence
CLEVELAND—American Ship Building Co. (Heavy, Marine, etc), ft. of W. 54
Champion Machine & Forging Co. (Upsetting Special Machine & Hammer Forgings), 3690 E 78th
See adv index at end of book
Cleveland City Forge & Iron Co. (Light etc)
Cleveland Hardware Co. (Steel Forgings for Vehicles)
CLEVELAND KNIFE & FORGE CO., 1960 W 114th
See adv index at end of book
Cleveland Machine & Mfg. Co.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E
Crucible Steel Forge Co. (Dies & Die Tempering, Shaft Cranks, etc), Grant av
Dyson Jos. & Sons (For Machine Tools, including Spindles, Shafts, Gear Blanks, etc)
Eagle Bolt & Forging Co. (Light)
Fishel & Marks Co., 3013 E 55
Horsburgh Forge Co., 17310 St Clair
JOHNSTON & JENNINGS CO., Addison rd & N. Y. C. R. R.
See adv index at end of book
Lake Erie Forging Co. (Die, Weldless Steel Rings & Machine Forgings)
Machinery Forging Co. (Small), Hamilton & Marquette
Ohio Forge Co. (Automobile Machine, etc.)
Ohio Machine & Boiler Co., 1501 University rd
Park Drop Forge Co. (Open Hearth, Crucible & Alloy Steel), 760 E 79th
Wyman & Gordon Co., 3803 Superior av (See Worcester, Mass.)
COLUMBUS—Buckeye Steel Castings Co. (Plain Heavy)
Columbus Anvil & Forging Co.
Columbus Bolt Works Co. (Carriage, etc.)
COLUMBUS FORGE & IRON CO. (Heavy & Light Forgings in Multiples) *See adv index at end of book*
HAYDEN CORBETT CHAIN CO. (Light & Heavy)
See adv index at end of book
DAYTON—Plocher Andrew Sons Co.
FREMONT—Herbrand Co. (Carriage, etc)
MARIETTA—Leidecker Tool Co.
MARTINS FERRY—McDermott P. J.
MASSILLON—Griscom-Russell Co.
See adv index at end of book
NILES—Niles Forge & Mfg. Co.
NORWALK—Norwalk Drilling Tool Co. (Heavy)
SANDUSKY—Klotz Machine Co. (Light)
TOLEDO—Duncan Forge Co.
Toledo Foundry & Machine Co.
Toledo Machine & Tool Co.

PENNSYLVANIA.

ALIQUIPPA—Vulcan Crucible Steel Co. (Steel)
ALLENTOWN—Bonney Vise & Tool Works
See adv index at end of book
BRACKENRIDGE—Western Tool & Forge Co. (Air Brake, Car, Wagon, etc)
BRADFORD—Tuna Iron & Steel Works
BRAEBURN—Braeburn Steel Co. (Steel Only)
BURNHAM—Standard Steel Works Co. (Steel Locomotive)
BUTLER—Kesselman & Co. (Heavy)
Larkin & Co.
CARNEGIE—Alloy Steel Forging Co. (Rolled Bars & Forgings)
CHESTER—Thurlow Steel Works
CONNELLSVILLE—Connellsville Machine & Car Supply Co. (Light & Heavy)
CORRY—McInnes Steel Co. (Ltd.) (Machinery & Tool Steel Shapes Forged to Order)
EASTON—Wharton Wm. Jr. & Co., Inc.
EDDYSTONE—Tindel Morris Co. (Steel Only, Crankshaft & Finished Forging)
ELLWOOD CITY—Ellwood City Forge Co. (Crankshafts, Connecting Rods, Die Blocks, etc)
Steel Car Forge Co. (Car & Locomotive)
ERIE—Bay City Forge Co. (Shapes of all Kinds, Rolls, etc), 1820 Cranberry
ERIE CAR WORKS (Car, etc), 1150 W 17th
Erie Forge Co. (Engine, Crankshafts, Connecting Rods, etc.)
Lakeside Forge Co. ("Lakeside")
HARRISBURG—Harrisburg Foundry & Machine Works
JOHNSTOWN—Cambria Steel Co. (Steel Car & General Heavy), Main Office: Phila., Pa.
Lorain Steel Co. (Steel)
Suppes Forge & Foundry Co.
LEBANON—American Iron & Steel Mfg. Co.
Weimer Machine Works Co.
McKEESPORT—Firth-Sterling Steel Co. (Crucible Open Hearth)
MECHANICSBURG—Wilcox D. Mfg. Co. (Carriages & Special of all Kinds)
MILLERSBURG—Millersburg Fifth Wheel Co. (Light)
MILTON—Milton Mfg. Co. (Shafting, Crankshafts, etc)
MONONGAHELA—Liggett Springs & Axle Co. (Buggy & Wagon Axles, etc)
MT. CARMEL—Mt. Carmel Iron Works
NEW BRIGHTON—Leard Wm. E. (Special forgings)
NORTH EAST—Electric Materials Co. (Steel)
NORTHUMBERLAND—Keystone Forging Co. (Carriage & Special)
OAKMONT—Crescent Forging Co.
PHILADELPHIA—Ashman S. A. & Son Co., 2300 E Tioga
Brill J. G. Co. (For Steam & Electric Railroads), 62d & Woodland av
Cambria Steel Co. (Steel Car & General Heavy), Widener bldg
Cann & Saul Steel Co., 516 Commerce
Cramp Wm. & Sons Ship & Engine Bldg. Co. (Marine, etc), Beach & Ball
Hoopes & Townsend Co. (Car, etc), Broad & Buttonwood
Illingworth, John Steel Co. (Crucible Open Hearth Steel), Tacony & Lewis
McGookin D. H. (Structural, etc.), 1630 N 9th
Midvale Steel & Ordnance Co. (Marine, Locomotive, Car, Gun, etc, of Steel Only), Widener bldg
Nicetown Plate Washer Co., 1324 Juniata
Pennsylvania Forge Co. (Steel Only), Wakeling & Bermuda
Philadelphia Steel & Forge Co., Tacony (See New York)
Phila Steel & Iron Co., Commercial Trust bldg
Phoenix Iron Co. (For own Consumption Only), 22 S 15th
Standard Steel Works Co. (Steel Locomotive), Morris bldg
Tacony Steel Co., Tacony
Tioga Steel & Iron Co., Phila., Pa.
PHOENIXVILLE — Phoenix Iron Co. (Heavy)

PENNSYLVANIA—continued
PITTSBURGH—Allegheny Forging Co., 1st Natl. Bank bldg
Baltimore Car & Foundry Co.
Carbon Steel Co. (Axles, Crank Pins, Piston Rods, etc.), ft. 32d
Carnegie Steel Co. (Steel Only), Carnegie bldg
Crucible Steel Co. of America (Steel Only of All Kinds), Oliver bldg
Electro Steel Co. (Electric Furnace Steel), Curry bldg
Etna Forge & Bolt Co. (Car), House bldg
Forged Steel Wheel Co. (Railroad, etc)
Heppenstall Forge & Knife Co. (Automobile, Gas Engine & Miscellaneous), 47th & Hatfield
Hubbard & Co. (Light), 63rd & Butler
Jones & Laughlin Steel Co. (Steel Only), Ross
Lanz M. & Sons, 2907 Carson
McKay Jas. Co. (Light Forgings; also Railroad Forgings). Works: McKees Rocks, Pa.
MESTA MACHINE CO. (Steel Only)
See adv index at end of book

FORGINGS

HEAVY FORGINGS
OF ALL KINDS

MESTA MACHINE COMPANY
PITTSBURGH, PA., U. S. A.

New Castle Steel & Iron Co. (Car, Mine, Agricultural, etc)
Oil Well Supply Co., 215 Water
Pittsburgh Block & Mfg. Co., 818 South av
Pittsburgh Forge & Iron Co. (Car, Locomotive & Marine), Chamber of Commerce bldg
Pittsburgh Knife & Forge Co., 709 Belmont
Pittsburgh Rivet Co. (Rivets, Bolts, etc), 39th
Pittsburgh Trolley & Forge Co., Pittsburgh, Pa.
Pressed Steel Car Co. (Iron & Pressed Steel), 307 5th av, Pittsburgh, Pa.
Steel Car Forge Co. (For Steam & Electric Railways, Mfg. Plants, etc), New York
RANKIN—(See Pittsburgh)
READING—Carpenter Steel Co. (Steel & Gun)
PENN FOUNDRY & MFG. CO.
See adv index at end of book
Reading Iron Co. (Heavy Marine Engines, etc)
SHARON—Driggs-Seabury Ordnance Co.
SOUTH BETHLEHEM—Bethlehem Steel Co. (Heavy of All Kinds)
SWISSVALE—Union Switch & Signal Co.
TITUSVILLE—Titusville Forge Co. (Light & Heavy, Shapes of Every Description & Roll Forgings, Car Forgings, etc)
VERONA—Valley Forging Co. (Car & Special)
WILKES-BARRE—Vulcan Iron Works

RHODE ISLAND.

PROVIDENCE—Rhode Island Tool Co. (For the Trade)

SOUTH CAROLINA.

CHARLESTON — Charleston Iron Works (Mach. & Marine)
Riverside Iron Works (Marine, etc)

TENNESSEE.

CHATTANOOGA — Chattanooga Car & Foundry Co.
KNOXVILLE—Knoxville Foundry & Machine Co. (Heavy)

TEXAS.

DALLAS—Mosher Mfg. Co. (Heavy)
HOUSTON — Bayou City Iron Works (Heavy)
Houston Car Wheel & Machine Co. (Heavy)

VIRGINIA.

NORFOLK—Godwin Thos. W. & Co. (Marine, etc.)
RICHMOND—Cameron Stove Co.
Richmond Forgings Corporation
Tredegar Co. (Car & Machinery)

WASHINGTON.

SEATTLE—Seattle Construction & Dry Dock Co. (Marine, etc)
SPOKANE—Northwest Harvester Co.

WISCONSIN.

CUHADY—Ladish Drop Forge Co. (Crankshafts, Gear Blanks, Connecting Rods, etc.)
NORTH MILWAUKEE—Wisconsin Bridge & Iron Co.

4952—Forgings (Liquid Compound)

Bethlehem Steel Co., South Bethlehem, Pa.

4952a—Forgings (Locomotive)

Midvale Steel Co., Widener bldg, Phila, Pa.
Pitts Forge & Iron Co., 1003 Penn av, Pittsburgh, Pa.
Sizer Forge Co., 238 Larkin, Buffalo, N. Y.
Standard Steel Wks. Co., Morris bldg., Phila, Pa.
Steel Car Forge Co., Elwood City, Pa.
Willard Sons & Bell Co., 3044 98th, Chicago, Ill.

4952b—Forgings (Machinery)

American Forge & Machine Co., 1415 Barth ct, S W, Canton, O.
Charleston Iron Wks., Charleston, S. C.
Christie-Kline Forge Co., Detroit, Mich.
Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
See adv index at end of book
Fulton Fdy. & Mach. Co., 21 Furman, B'klyn, N. Y.
Horsburgh Forge Co., 17310 St. Clair, Cleveland, O.
Ingalls-Shepard Forging Co., 322 S Michigan, Chicago, Ill.
JOHNSTON & JENNINGS CO., Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
KNAPP ARTHUR ENGINEERING CORP., 30 Church, New York
See adv index at end of book
McInnis Steel Co., Ltd., Corry, Pa.
Niles Forge & Mfg. Co., Niles, O.
Tioga Steel & Iron Co., Phila., Pa.
Tredegar Co., Richmond, Va.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book
Williams J. H. & Co., 31 Richards, B'klyn, N. Y. *See adv index at end of book*

4953—Forgings (Manganese Bronze)

AMERICAN MANGANESE BRONZE CO., 3501 Rhawn, Phila., Pa.
Anderson Forge & Machine Co., Detroit, Mich.
Cramp Wm. & Sons Ship & Engine Bldg. Co., Beach & Ball, Phila., Pa.
Detroit Steel Products Co., Detroit, Mich.
General Drop Forge Co., Buffalo, N. Y.
Park Drop Forge Co., 760 E 79th, Cleveland, O.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book
Williams J. H. & Co., 31 Richards, B'klyn, N. Y. *See adv index at end of book*
Wyman-Gordon Co., Worcester, Mass., & Cleveland, O.

4954—Forgings (Manganese Steel)

Anderson Forge & Machine Co., Detroit, Mich.
Tioga Steel & Iron Co., Phila., Pa.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.

4954a— Forgings (Marine)

American Shipbuilding Co., Cleveland, O.
Bethlehem Steel Co., S Bethlehem, Pa.
Camden Forge Co., Camden, N. J.
Charleston Iron Works, Charleston, S. C.
Cramp Wm. & Sons Ship & Engine Bldg. Bldg. Co., Beach & Ball, Phila, Pa.
De Laney Forge & Iron Co., Buffalo, N. Y.
Erie Forge Co., Erie, Pa.
Goodwin Thos. W. & Co., Norfolk, Va.
Great Lakes Engineering Wks., Detroit, Mich.
Horsburgh Forging Co., Cleveland, O.
Heppenstall Forge & Knife Co., 47th & Hatfield, Pittsburgh, Pa.
Midvale Steel Co., Widener bldg, Phila, Pa.
Pittsburgh Forge & Iron Co., Pittsburgh, Pa.
Riverside Iron Wks., Charleston, S. C.
Seattle Construction & Dry Dock Co., Seattle, Wash.
Titusville Forge Co., Titusville, Pa.

4955—Forgings (Monel Metal)

Am. Brass Products Co., Pottstown, Pa.
Pennsylvania Forge Co., Wakeling & Bermuda, Phila., Pa.
Strieby & Foote Co., 301 Ogden, Newark, N. J.
See adv index at end of book
WILLIAMS & CO. (INC.), 220-226 Penn. av, Pittsburgh, Pa.
See adv index at end of book
Williams J. H. & Co., 31 Richards, B'klyn, N. Y. *See adv index at end of book*

4956— Forgings (Nickel Steel)

Allegheny Forging Co., 1st Nat'l Bank bldg, Pittsburgh, Pa.
American Forge Works, Denver, Colo.
American & British Mfg. Co., Charles, Providence, R. I.
Anderson Forge & Machine Co., Detroit, Mich.
Bethlehem Steel Co., South Bethlehem, Pa.
Billings & Spencer Co., Hartford, Conn.
Blakeslee Forging Co., Plantsville, Conn.
Boston Forge Co., E. Boston, Mass.
Carbon Steel Co., ft 32d, Pittsburgh, Pa.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Carpenter Steel Co. (Nickel Chrome Steel), Reading, Pa.
Champion Machine & Forging Co., 3690 E 78th, Cleveland, O.
See adv index at end of book
Clapp E. D. Mfg. Co., 300 Genesee, Auburn, N. Y.
Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
See adv index at end of book
COLUMBUS FORGE & IRON CO., Columbus, O. *See adv index at end of book*
Crescent Forgings Co., Oakmont, Pa.
Crowley John A. Co., 120 Liberty, New York
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Detroit Steel Products Co., Detroit, Mich.
Driggs-Seabury Ordnance Co., Sharon, Pa.
Duncan Forge Co., Toledo, O.
Fulton Drop Forge Co., Canal Fulton, O.
General Drop Forge Co., Buffalo, N. Y.
Heppenstall Forge Co., Bridgeport, Conn.
Horsburgh Forge Co., 17310 St. Clair, Cleveland, O.
Keystone Drop Forge Co., Chester, Pa.
Kropp Forge Co., 2512 W 21st, Chicago, Ill.
Ladish Drop Forge Co., Cuhady, Wis.
Lakeside Forge Co. ("Lakeside"), Erie, Pa.
Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book
Midvale Steel Co., Nicetown, Phila., Pa.
Moore Drop Forging Co., Springfield, Mass.
Morgan Engineering Co., Alliance, O.
See adv index at end of book
Ohio Forge Co., Cleveland, O.
Page Storms Drop Forge Co., Chicopee, Mass.
Park Drop Forge Co., 760 E 79th, Cleveland, O.
Richmond Forgings Corp., Richmond, Va.
Seward M. & Son Co., New Haven, Conn.
Sizer Forge Co., 238 Larkin, Buffalo, N. Y.
Strieby & Foote Co., 301 Ogden, Newark, N. J.
The Hammond Steel Co., Inc. (Chrome Nickel Steel), Solvay, N. Y.
Tindel-Morris Co., Eddystone, Pa.
Tioga Steel & Iron Co., Phila., Pa.

Titusville Forge Co., Titusville, Pa.
Union Drop Forge Co., 358 W Grand av, Chicago, Ill.
Union Switch & Signal Co., Swissvale, Pa.
Vulcan Steam Forging Co. (Chrome), 251 Rano, Buffalo, N. Y.
Warren Axe & Tool Co., Warren, Pa.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book
Williams J. H. & Co., 31 Richards, B'klyn, N. Y. *See adv index at end of book*
Wyman-Gordon Co., Worcester, Mass.
Yuba Mfg. Co., Insurance Exch. bldg, San Francisco, Cal.

4956a—*Forgings (Pipe Flanged)

Tioga Steel & Iron Co., Phila., Pa.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.

4957— *Forgings (Press)

FRASSE PETER A. & CO. (INC.), 417 Canal, New York
See adv index at end of book
Sizer Forge Co., 238 Larkin, Buffalo, N. Y.
Tioga Steel & Iron Co., Phila., Pa.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.

4957a—Forgings (Railroad)

American Car & Foundry Co., St. Louis, Mo.
Baltimore Car & Foundry Co., Continental bldg, Baltimore, Md.
Brill J. G. Co., 62nd & Woodland av, Phila, Pa.
Camden Forge Co., Camden, N. J.
Forged Steel Wheel Co., Pittsburgh, Pa.
Ingalls-Shepard Forging Co., 322 S Michigan, Chicago, Ill.
McKay Jas. Co., Pittsburgh, Pa.
Manistee Iron Works Co., Manistee, Mich.
Mount Vernon Car Mfg. Co., Mt. Vernon, Ill.
New York Switch & Crossing Co., Hoboken, N. J.
Niagara Forged Steel Co., Buffalo, N. Y.
Pollak Steel Co., Carthage, Cincinnati, O.
Ramapo Iron Works, Niagara Falls, N. Y.
Steel Car Forge Co., Pittsburgh, Pa.
Wason Mfg. Co., Springfield, Mass.
Western Steel Car & Foundry Co., Peoples' Gas bldg, Chicago, Ill.
Wurtz & Son, Builders' Exchange, Buffalo, N. Y.

4958—Forgings (Seamless Steel)

Carpenter Steel Co., Reading, Pa.
Williams J. H. & Co., 31 Richards, B'klyn, N. Y. *See adv index at end of book*

4958a— *Forgings (Ship)

Wharton Wm Jr. & Co., Inc. (Hammered & Pressed), Easton, Pa.

4958b—*Forgings (Spindles & Arbors)

Horsburgh Forge Co., 17310 St. Clair, Cleveland, O.
Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
See adv index at end of book
JOHNSTON & JENNINGS CO., Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book

4959—Forgings (Switch Rope)

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.

4959a—*Forgings (Tobin Bronze)

Williams J. H. & Co., 31 Richards, B'klyn, N. Y. *See adv index at end of book*

4960—Forgings (Telegraph & Telephone Pole)

Bonney Vise & Tool Works, Allentown, Pa.
See adv index at end of book
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
McKay Jas. Co., Pittsburgh, Pa.
New Castle Steel & Iron Co., Pittsburgh, Pa.

4960a1—*Forgings (Tractor)

CHAMPION MACHINE & FORGING CO., 3690 E 78th, Cleveland, O.
See adv index at end of book

4960a— *Forgings (Upsetting Machine)

Ohio Forge Co., Cleveland, O.
CHAMPION MACHINE & FORGING CO., 3690 E 78th, Cleveland, O.
See adv index at end of book

4961—Forgings (Vanadium Steel)

Allegheny Forging Co., 1st Nat'l Bank bldg, Pittsburgh, Pa.
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
American Forge Works, Denver, Colo.
American Locomotive Co. (Locomotive, etc), 30 Church, New York
Anderson Forge & Machine Co., Detroit, Mich.
Bethlehem Steel Co. (General & Drop Forgings), S Bethlehem, Pa.
Blakeslee Forging Co., Plantsville, Conn.
Carnegie Steel Co. (Locomotive & General), Carnegie bldg, Pittsburgh, Pa.
Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
See adv index at end of book
Crescent Forgings Co. (Drop Forgings), Oakmont, Pa.
Crowley John A. Co., 120 Liberty, New York
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Damascus Crucible Steel Casting Co., New Brighton, Pa.
Driggs-Seabury Ordnance Co. (Drop Forgings), Sharon, Pa.
Erie Forge Co. (General Forgings), Erie, Pa.
Frost Gear & Forge Co. (Auto Axles, Crankshafts), Jackson, Mich.
General Drop Forge Co. (Drop Forgings), Buffalo, N. Y.
Johnston & Jennings Co., Addison rd & N Y. C. R. R., Cleveland, O.
See adv index at end of book
Ladish Drop Forge Co., Cuhady, Wis.
Mesta Machine Co. (General Forgings), Pittsburgh, Pa.
See adv index at end of book
Morgan Engineering Co., Alliance O.
See adv index at end of book
Ohio Forge Co., Cleveland, O.
Park Drop Forge Co. (Heavy Die Cranks, Axles, etc), 760 E 79th, Cleveland, O.
Richmond Forgings Corp., Richmond, Va.
Standard Steel Works Co. (Locomotive, etc), Morris bldg, Phila., Pa.
Strieby & Footee Co., 301 Ogden, Newark, N. J.
The Hammond Steel Co., Inc., Solvay, N. Y.
Tioga Steel & Iron Co., Phila., Pa.
Titusville Forge Co. (General Hammered or Pressed), Titusville, Pa.
Transue & Williams Steel Forging Corp. (Drop Forgings), Alliance, O.
Union Switch & Signal Co., Swissdale, Pa.
Vulcan Steam Forging Co., 251 Rano, Buffalo, N. Y.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book
Williams J. H. & Co. (Drop Forgings), 31 Richards, B'klyn, N. Y.
See adv index at end of book
Wyman-Gordon Co. (Drop Forgings), Worcester, Mass.

4962— Forks (Alfalfa)

Milwaukee Hay Tool Co., Milwaukee, Wis.
Myers F. E. & Bro., 800 Orange, Ashland, O.
See adv index at end of book
Ney Mfg. Co., Canton, O.
Strickler Hay Tool Co., Janesville, Wis.

4963-4—Forks (Ballast, Coal, Coke, Stone, Etc.)

American Fork & Hoe Co., Cleveland, O.
American Shovel & Stamping Co., Lorain, Ohio
Beall Bros. (Inc.), Alton, Ill.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
Union Fork & Hoe Co., Columbus, O.
Wallingford Mfg. Co., Wallingford, Vt.

4965-6— Forks (Corn)

Pfleghar Hardware Specialty Co ("Perfection"), New Haven, Conn.

4967— Forks (Flesh)

Auer John Jr., 197 Middleton, Brooklyn, N. Y.
Cassady Fairbank Mfg. Co. (Wire), 6126 S La Salle, Chicago, Ill.
Central Stamping Co. (Forged, Retinned), 172 Fulton, New York
Lalance & Grosjean Mfg. Co., 299 B'way, New York
National Enameling & Stamping Co., 411 5th av, New York

4968— Forks (Garden)

Potter Mfg. Co. (Small Malleable Iron), Geneva, O.
Sargent & Co., New Haven, Conn.

4969— Forks (Hand)

American Fork & Hoe Co. ("True Temper" Coal, Coke, Beet, Barley, Corn, Potato, Straw, Stone, Stable, Tanner, Manure, Hedder, Hay, Sluice, Spading, Vegetable, Scoop, etc.), Cleveland, Ohio
American Shovel & Stamping Co., Lorain, Ohio
Hills Edwin (Spading), Plainville, Conn.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Pratt Fork & Hoe Corp. ("Farm King," "Vulcan"), Frankfort, N. Y.
Union Fork & Hoe Co. (Grain, Hay, Manure, Coke, Coal, Stone, Sluice, Ensilage, Spading, Hedder, Barley, Beet, Potato Digging, Tanners, etc), Columbus, O.
Wallingford Mfg. Co. (Hay, Hedder, Manure, etc), Wallingford, Vt.

4970— Forks (Hay, Derrick)

Jackson Byron Iron Works, Berkeley, Cal.
Milwaukee Hay Tool Co., Layton Park, Milwaukee, Wis.
MYERS F. E. & BRO. ("Jackson" & "California"), 800 Orange, Ashland, O.
See adv index at end of book
Ney Mfg. Co., Canton, O.
Porter J. E. Co., Ottawa, Ill.
Syracuse Chilled Plow Co., Syracuse, N. Y.

4971—Forks (Hay, Grapple & Harpoon)

Read Explanation Following Names
Appleton Hay Tool Co. ("Miller Eagle"), Appleton, Wis.
Farrell Jno. & Son ("Farrell" Grapple), Newton, N. J.
Goshen Mfg. Co. (Harpoon), Goshen, Ind.
Hunt, Helm, Ferris & Co. (Grapple & Harpoon), Harvard, Ill.
Louden Machinery Co. (Grapple & Harpoon), Fairfield, Iowa
Milwaukee Hay Tool Co. (Derrick, Double, "Harris," "Milwaukee," "Nellies," Grapple & Harpoon), Layton Park, Milwaukee, Wis.
MYERS F. E. & BRO. ("Myers" Double Harpoon & Grappling Harpoon, "Harris" Double Harpoon, "Nellis" Single Harpoon, "Myers" Grapple Fork, Automatic Grapple Forks & "Perfect" Automatic Grapple Forks), 800 Orange, Ashland, O.
See adv index at end of book
Ney V. L. Co. (Harpoon), Canton, O.
Porter J. E. Co. ("Porter's" "Acme," "Harris," "Nellis" Grapple & Harpoon), Ottawa, Ill.
Strickler Hay Tool Co. ("Strickler" Grapple & Harpoon), Janesville, Wis.
Swineford G. A. Co. ("Harris," "Nellis," "Walker"), Canton, O.
Syracuse Chilled Plow Co. ("Syracuse" Grapple & Harpoon), Syracuse, N. Y.
U. S. Wind Engine & Pump Co. ("Noyes," "U. S." Grapple & Harpoon), Batavia, Ill.
Whitaker Mfg. Co. ("Jackson," "Nellis," "Whitaker" Grapple & Harpoon), 409 S Green, Chicago, Ill.

4972—Forks (Hay, Lock Lever)

Hunt, Helm, Ferris & Co., Harvard, Ill.
MYERS, F. E. & BRO., 800 Orange, Ashland, O. *See adv index at end of book*

4973— Forks (Kitchen)

Taplin Mfg. Co., New Britain, Conn.

4974— Forks (Meat)

White Ira F. & Son Co., Bloomfield, N. J.

4975— Forks (Rail)

Beal Bros. (Inc.), Alton, Ill.
Evansville Tool Works, Evansville, Ind.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Iron City Tool Works, Ltd. (Steel), 3201 Smallman, Pittsburgh, Pa.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Union Drop Forge Co., 358 W Grand av, Chicago, Ill.
Verona Tool Works (Steel), Verona, Pa.
Warwood Tool Co., Warwood, Wheeling, W. Va.

4976— Forks (Rising)

Columbus Handle & Tool Co. ("Never Break"), Columbus, Ind.
Dicke Tool Co., Downers Grove, Ill.
Klein Mathias & Sons, 562 W Van Buren, Chicago, Ill.
Nagel W. G. Electric Co., Toledo, O.
Ransome Leach Co., 115 B'way, New York

4977— Forks (Stable, Wood)

Torrey Bros. Co., Central Village, Conn.

4978— Forks (Tedder)

American Shovel & Stamping Co., Lorain, Ohio
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Gibson Wm. D. Co., 1800 Clybourn av, Chicago, Ill.
Harrow Spring Co., Milwaukee, Wis. Works: Kalamazoo, Mich.
Mason F. C. & Co., St. Johns, Mich.

Forks (Trolley)

See Harps, Trolley

4979— Forks (Vegetable)

Andrews Wire & Iron Works, Rockford, Ill.
Browne & Dowd Mfg. Co., Meriden, Conn.
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Knickerbocker Mfg. Co. (Long Meat or Vegetable), Belleville, N. J.
Meriden Cutlery Co., Meriden, Conn.

4980— Forks (Weeding)

Mason & Parker Mfg. Co., Winchendon, Mass.
Wilkins Toy Co., Keene, N. H.

4981— Forks (Wire Kitchen)

Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Parker Wire Goods Co. (Pie Cooking, etc), Worcester, Mass.
Woods-Sherwood Co. (Oyster, Pickel, Toast, etc), Worcester, Mass.

4982— Forks (Wood)

Chapman-Sargent Co. (Kraut, etc), Perrysburg, O.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

4983— Formaldehyde

Cleveland Cliffs Iron Co., Rockefeller bldg, Cleveland, O.
C. P. N. CHEMICAL CO., INC., 78 Reade New York, & 231 W Huron, Chicago, Ill.
Harshaw, Fuller & Goodwin Co., Cleveland; New York & Philadelphia.
Heyden Chemical Works, Garfield, N. J.
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York
Perth Amboy Chemical Works, Perth Amboy, N. J.

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4984—Forming Roll & Fitting Table (Combined)

Ryerson Jos. T. & Son (for Spring Shop Work), 2558 W 16th, Chicago, Ill.
See adv index at end of book

4985— Formogene

Bischoff C. & Co. (Imp), 451 Washington, New York

4985a— *Forms (Balloon)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

4986—Forms (Barrel Setting-Up)

Oram John S. Co., Cleveland, O.

4987—Forms (Curb & Sidewalk)

Arrowsmith Concrete Tool Co., Arrowsmith, Ill.
Blaw-Knox Co. (and Gutter), Farmers Bank bldg, Pittsburgh, Pa.
Heltzel Steel Form & Iron Co., Warren, O.
See adv index at end of book
Hotchkiss Metal Form Co. ("Hotchkiss," Steel), Binghamton, N. Y.
Indiana Concrete Mold Co. ("Indiana"), Peru, Ind.
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Ubbink Joe ("Ubbink," Adjustable All Steel), Port Washington, Wis.
Zeiser Bros. ("Zeiser," Tie & Dividing Plates), Berwick, Pa.

4987a—*Forms (Sewer or Wall)

Heltzel Steel Form & Iron Co., Warren, O.
See adv index at end of book

4988—Forms (Sheet Metal, for Foundries)

Blaw-Knox Co., Farmers' Bank bldg, Pittsburgh, Pa.
Burdick & Son, Albany, N. Y.
HELTZEL STEEL FORM & IRON CO., Warren, O.
See adv index at end of book

4989— Forms (Shoe Display)

Gaines Joseph K., 467 C. N. W. Washington, D. C.

4989a— *Forms (Stocking)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

4990—Forms (Winding, Armature & Field Coil)

For Armature & Field Magnet Coils
Exeter Machine Works, Pittston, Pa.

4991— Fossil Flour

Chrystal Chas. B. (Imp.), 13 Cliff, New York. *See adv index at end of book*
Doggett Stanley, 11 Cliff, New York
Hammill & Gillespie (Imp), 240 Front, New York
OXFORD TRIPOLI SALES CO., INC. (Flour), 11 B'way, New York
Salomon L. A. & Bro. (Imp), 216 Pearl, New York
Scheel Wm. H. (Imp), 159 Maiden la, New York
Whittaker, Clark & Daniels, Inc. (Imp.), 250 Front, New York

4992— *Foundations

McMULLEN ARTHUR CO. (Bridge, Caissons, Piers, Power Houses), 149 B'way, New York
RAYMOND CONCRETE PILE CO., 140 Cedar, New York

Founders (Brass)

See Machinists & Founders marked with a §

Founders (Iron)

See Machinists & Founders marked with a †

Founders (Malleable Iron)

See Castings, Malleable Iron

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CHICAGO, ILL. BIRMINGHAM, ALA. PITTSBURGH, PA.

4993—Foundry Facings & Supplies

Albany Sand & Supply Co., Albany, N. Y.
American Lava Co. (Talc Facings), Chattanooga, Tenn.
See adv index at end of book
Asbury Graphite Mills (Facings), Asbury, N. J.
Berger & Carter Co. (Owners of Pacific Tool & Supply Co.) (Supplies), 17 & Mississippi, San Francisco, Cal.
Bloomsbury Graphite Co. (Facings), Bloomsbury, N. J.
Brand S. H. Co., 559 W Lake, Chicago, Ill.
Brass Foundry Supply Co., Hamberg pl. Newark, N. J.
Brooklyn Facing Mills, 105 Metropolitan av, Brooklyn, N. Y.
BUCKEYE PRODUCTS CO., 919-929 N 5th, Cincinnati, Ohio
See adv index at end of book
Central Foundry Supply Co., P. O. Box 945, Columbus, O.
Chicago Fire Brick Co., 133 W Washington, Chicago, Ill.
Cleveland Osborn Mfg. Co. (Brushes & Supplies), 5405 E Hamilton, Cleveland, O.
Cohutta Talc Co. (Cream Soapstone Facings), Dalton, Ga.
Combined Supply & Equipment Co., 766-772 Grant, Buffalo, N. Y.
Crivel Geo. F. & Co., Ellicott sq, Buffalo, N. Y.
Cutter & Wood Supply Co., 68 Pearl, Boston, Mass.
Detroit Foundry Co., Detroit, Mich.
Detroit Foundry & Mfg. Co., Detroit, Mich.
Dixon Joseph Crucible Co. (Facings, etc), Jersey City, N. J.
Doggett Stanley (Soapstone Foundry Facings), 11 Cliff, New York
Donald Henry R. Sales Co., Milwaukee, Wis.
Elliott G. Benj. (Facings), San Francisco, Cal.
Federal Fdry. Supply Co. ("Federal" Steel Facings, etc.), 2639 E 79th, Cleveland, O.
Fishel & Marks Co., 3013 E 55, Cleveland, O.
Gautier J. H. & Co. (Graphite), 1 Greene, Jersey City, N. J.
Georgia Talc Co. (White & Yellow Facings), Asheville, N. C.
Hill-Brunner Foundry Supply Co., South & C H & D R R. Cincinnati, O.
HILL & GRIFFITH CO., 1248 State, Cincinnati, Ohio, & Birmingham, Ala.
See adv index at end of book
International Pulp Co. ("Asbestine" Talc Facing), 41 Park row, New York
Jackson E. S. & Co. (Facings & Supplies), 224 E 2nd, Cincinnati, O.
Jones Enos F. Chemical Co. (Facings, etc), 51 Jay, New York
Keery Thos. Co. (Charcoal Facings), Hancock, N. Y.
Kelly T. P. & Co., Inc. ("Kelco," "Ceylon," Plumbago, Black Lead, Prepared Charcoal, etc.), 355 W 26th, New York
Lookout Paint Mfg. Co., Chattanooga, Tenn.
McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.
McKellar's R. Sons Co., Peekskill, N. Y.
Midvale Mining & Mfg. Co., Central Nat'l Bank bldg, St. Louis, Mo. Works: East St. Louis, Ill.
National Supply & Equipment Co., Bulletin bldg, Phila., Pa.
N. Y. Sand & Facing Co. (Facings, Sand. etc), 106 Grand av, Brooklyn, N. Y.
Obermayer S. Co. (Facings, etc.), 2563 W 18th, Chicago, Ill.
Pacific Tool & Supply Co. (Owned by Berger & Carter Co.), (Supplies), Fremont & Mission, San Francisco, Cal.
Paxson J. W. Co. (Facings & Supplies). 1021 N Delaware av. Phila.. Pa.
Pettinos Chas. E., 25 Church, New York
Pure Carbon Co. ("Gapho" Facings). Wellsville. N. Y.
Rumsey L. M. Mfg. Co., 810 N 2nd, St. Louis, Mo.
Smith Facing & Supply Co., Carter rd, Cleveland, O.
Springfield Facing Co. (Facings & General Supplies), Springfield, Mass.
See adv index at end of book
Squier Ed. E. Co. (Sand), Federal Reserve Bank bldg, St. Louis, Mo.
Stevens Frederic B. (Facings, Brick, Sand, etc.), 3d & Larned, Detroit, Mich.
Steward D. M. Mfg. Co. (Facings Only), Chattanooga, Tenn.
U. S. Chaplet & Supply Co., 140 Cedar, New York
United States Graphite Co. (Facings), Saginaw, Mich.
Wainwright Jno. C. (Facings Only), Spring City, Pa.
Whitehead Bros. Co. (Facings, etc), 537 W 27th, New York
Woodison E. J. Co., Detroit, Mich.

4993a— .*Foundry Flask

Stanley Works, New Britain, Conn.
See adv index at end of book

4993b—*Foundry Flour Substitute

Hill & Griffith Co. ("Liberty"), 1248 State av, Cincinnati, O., & Birmingham, Ala. *See adv index at end of book*

4994—Foundry Plant Equipments

American Blower Co. (Heating & Ventilating), 1400 Russell, Detroit, Mich.
Buckeye Products Co., 919-929 W 5th, Cincinnati, O.
See adv index at end of book
Central Foundry Supply Co. ("Byram"), P. O. Box 945, Columbus, O.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Cleveland Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Dopp J. W. & Co. (Dealers), 1420 Dime Bk. bldg, Detroit, Mich.
Hausfeld Co., Harrison, O.
HILL & GRIFFITH CO., 1248 State, Cincinnati, O., & Birmingham, Ala.
See adv index at end of book
Lincoln Iron Works, Rutland, Vt.
Monarch Engineering & Mfg. Co., American bldg, Baltimore, Md.
New Foundry Appliance Co., Hamilton, O.
NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book

FOUNDRY PLANT EQUIPMENTS—continued

Obermayer S. Co., 2563 W 18th, Chicago, Ill.
Paxson J. W. Co., 1021 Delaware av, Phila., Pa.
PENN FOUNDRY & MFG. CO., Reading, Pa. *See adv index at end of book*
SCULLY JONES & CO., Railway Ex. bldg, Chicago, Ill.
See adv index at end of book
SNEAD & CO. IRON WORKS, INC., 98 Pine, Jersey City, N. J.
See adv index at end of book
Stevens Frederick B., 3d & Larned, Detroit, Mich.
U. S. Molding Machine Co., 968 E 69th, Cleveland, O.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.
Woodison E. J. Co., Detroit, Mich.

4994a—*Foundry Sand Handling Plants

BARTLETT C. O. & SNOW CO., French St., Cleveland, O.
See adv index at end of book

4995— Fountain Pen Mfrs.

Adams, Cushing & Foster ("Moore's"), 168 Devonshire, Boston, Mass.
Alkin-Lambert Co. ("Mercantile," "Capitol" Gold), 10 Cortlandt, New York
Autofiller Pen Co., Toledo, O.
Bankers Pen Co., 935 B'way, New York
Barnett Ira, 61 Beekman, New York
Beaumel D. W. & Co., 17 Vandewater, New York
Akron Fountain Pen Co., Akron, O.
Boston Fountain Pen Co., 319 Washington, Boston, Mass.
Caw's Pen & Ink Co. (Fountain, Gold, Stylographic, Mfrs of Caw's "Safety" Fountain Pen), 76 Duane, New York
Century Pen Co., Whitewater, Wis.
Conklin Pen Mfg. Co. ("Conklin's," Self-Filling), Toledo, O.
Cross A. T. Pencil Co. (Also Stylographic), 53 Warren, Providence, R. I.
Davidson Rubber Co. ("Sterling" & "Hub"), Boston, Mass.
Diamond Point Pen Co. (Fountain, Gold Stylographic Gold Plated), 44 E 23d, New York
Eagle Pencil Co. (Fountain, Gold, Steel Stylographic), 703 E 13th, New York
Faber Eberhard (Gold, Fountain), 200 Fifth av, New York
Franklin Fountain Pen Co., 51 N 10th, Phila., Pa.
Gem Fountain Pen Corp. ("Gem"), 59 Park pl, New York
Grieshaber B. & Co. (Gold), 118 N State, Chicago, Ill.
Heath Geo. W. & Co., 208 1st, Newark, N. J.
Hillinger R. J. & Co., 10 S Wabash av, Chicago, Ill.
Holland Jno. Gold Pen Co. (Gold), 129 E 4th, Cincinnati, O.
Horn M. T. Co., 114 Park pl, New York
Laughlin Mfg. Co., Detroit, Mich.
Mabie, Todd & Co. ("Swan" Gold), 17 Maiden la, New York
Modern Pen Co., 170 B'way, New York
Parker Pen Co., Janesville, Wis.
St. George Fountain Pen Co., 90 Nassau, New York
Salz Bros., 71 W 35th, New York
Sanford & Bennett Co. ("Commercial"), 51 Maiden la, New York
Sheaffer, W. A. Pen Co., Ft. Madison, Ia.
Standard & Vulcanite Pen Co. ("Gem" Self-Filling), 752 Lexington av, Brooklyn, N. Y.
Ullrich J. & Co. (Fountain, Stylographic), 27 Thames, New York
Wahl Adding Machine Co., 1800 Roscoe, Chicago, Ill.
Waterman A. A. & Co., 170 B'way, New York
Waterman L. E. Co. ("Ideal"), 191 B'way, New York
Welty Wm. A. ("Welty" Self-Filling & No Leak), Waterloo, Ia.
Willard Pen Co., 170 5th av, New York
Williamson Pen Co., Janesville, Wis.
Wirt Paul E., Bloomsburg, Pa.

4996—Fountains (Drinking, Sanitary)

See also Fountains, Vases, etc.

Aird-Don (Porcelain), Troy, N. Y.
Allen Filter Co., Toledo, O.
Ashton J. H. & Co. ("Providence," Bubbling), 271 Franklin, Providence, R. I.
Ashton Valve Co. ("Ashton," Attached to Sink or Bowl), 161 First, Cambridge, Boston, Mass.
Barrett James Mfg. Co. ("Purity," Self-Closing Bubbling), 117 Pearl, Boston, Mass.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Cahill Iron Works ("Southern. Beauty"), Chattanooga, Tenn.
Camden Pottery Co. (Vitreous China), Camden, N. J.
Casey-Hedges Co., Chattanooga, Tenn.
Chamberlain J. H. D. Co. ("Sanitas," Bubbling), Springfield, Mass.
Chicago Faucet Co. ("Chi-Fau-Co"), 2712 N Crawford av, Chicago, Ill.
Clow Jas. B. & Sons ("A Odamantose" & Hygeia," Self-Closing Bubbling), S Franklin & Harrison, Chicago, Ill.
Crane Co. (Est. 1855) (Porcelain, Porcelain Enameled, Vitreous China, etc.), 836 S Michigan, Chicago, Ill.
For branch offices see Alphabetical Section
Dalton-Ingersoll Mfg. Co., 52 Chauncy, Boston, Mass.
Douglas John Co. (Vitreous China), Carthage, Cincinnati, O.
Du Bois F. N. & Co. (Porcelain), 247 9th av, New York
Ebinger D. A. Sanitary Mfg. Co. (Bubbling), 181 Lucas, Columbus, O.
Federal-Huber Co. (Porcelain), 234 N Halsted, Chicago, Ill.
Fords Porcelain Wks., Perth Amboy, N. J.
Glauber Brass Mfg. Co., 49th & Superior av, Cleveland, O.
Haines, Jones & Cadbury Co. ("Hajoca" Porcelain Enameled), 1136 Ridge av, Phila., Pa.
Hayes Pump & Planter Co. ("Hayes" Rubber Attachment for Hand Pumps), Galva, Ill.
Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill. *See adv index at end of book*
Jenks H. F. Co., Pawtucket, R. I.
Knott L. E. Apparatus Co. ("Keiths" Boston Bubbler, Automatic Bubbling), 79 Amherst, Cambridge, Mass.
Kohler Co. ("Minnehaha" Porcelain Enameled Iron, Automatic or Continuous Flow), Sheboygan, Wis.
K. & S. Specialty Mfg. & Sales Co., Cleveland, O.
Loeber Hy. G. Co., 151 E 126, New York
McDonald A. Y. Mfg. Co. (Porcelain Vitreous China, etc.), Dubuque, Ia.
Maddock's Thos. Sons Co. ("Maddock's" Vitreous China Bubbling), Trenton, N. J.
Mahoney Fountain Co., 491 Fore, Portland, Me.
Manufacturing Equipment & Engineering Co. ("Meeco," Bubbling), 136 Federal, Boston, Mass.
March-Tenny Co. ("Natural Spring" Bubbling Attached to Sinks, etc.), Muskegon H'gts, Mich.
Meyer-Sniffen Co. (Porcelain), 11 W 36th, New York
Monument Pottery Co. (Porcelain), Trenton, N. J.
Mott J. L. Iron Works ("Crystal Stream" & "Purita" Self-Closing Bubbling; Porcelain, Porcelain Enameled, Vitreous China, etc.), Trenton, N. J.
Mueller H. Mfg. Co. (Wall & Lavatory), Decatur, Ill.
Murdock Mfg. & Supply Co., 426 Plum, Cincinnati, O.
Myers & Mahoney Plumbing Co. ("Mahoney" Self-Closing Bubbling, Attached to Sink, etc.), Portland, Me.
Nelson N. O. Mfg. Co. ("Nelson" Self-Closing Bubbling, Solid Porcelain, etc.), 10th & Chestnut, St. Louis, Mo.
Peck Bros. & Co. ("P. B" Bubbling), New Haven, Conn
Prier Brass Mfg Co, ("Brady"), Kansas City, Mo
Puro Sanitary Drinking Fountain Co. (Bubbling), Haydenville, Mass.
Resolute Pottery Co (Porcelain), Trenton, N. J.
Rundle-Spence Mfg. Co. ("Rundle-Spence" Solid Porcelain, Self-Closing Bubbling, etc), 63 2nd, Milwaukee, Wis.
Safety First Supply Co., Hartje bldg, Pittsburgh, Pa.
Sanitary Earthenware Specialty Co. (Vitreous China), Trenton, N. J.
Sanitary Fountain & Specialty Co. (Bubbling), 176 Federal, Boston, Mass.
Sanitas Mfg. Co. ("Sanitas" Bubbling, Attached to Sink, etc; also Porcelain, Porcelain Enameled, etc), 105 Washington, Boston, Mass.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Smith System Heating Co. (Bubble Type), 821 Washington av, S E, Minneapolis, Minn.
Spawn B. A. & Co., 340 Central av, Newark, N. J.
Standard Sanitary Mfg. Co. (Porcelain Enameled), Bessemer bldg, Pittsburgh, Pa.
Taylor Halsey W. Co. ("Puritan"), Warren, O.
Trenger Specialty Co., Trenton, N. J.
Trenton Potteries Co. ("Waldo, Jr." Porcelain & Vitreous China Pedestal, Syphons Automatically), Trenton, N. J.
Walker Mfg. & Supply Co. (Porcelain), Shelby & Woodbridge, Detroit, Mich.
Wheaton A. W. Brass Works (Sanitary Self-Closing Bubbling), 21 R R pl, Newark, N. J.
Wolff L. Mfg. Co. (Porcelain, Porcelain Enameled, etc), 111 Dearborn, Chicago, Ill.

4997— Fountains (Poultry)

Baier Bros. Mfg. Co., Cissna Park, Ill.
Dayton Tag & Specialty Co., Dayton, O.
Delphos Mfg. Co. (Galvanized), 1st & Pierce, Delphos, O.
Franklin Galvanized Ware Mfg. Co. ("Handy" "Crum's"), Franklin, Ind.
Indianapolis Corrugating Co., Indianapolis, Ind.
Kentucky Stamping Co. ("Kentucko"), Louisville, Ky.
National Enameling & Stamping Co. ("Nesco"), 411 5th av, New York
Northwestern Stamping Co., Burlington, Ia.
Oakes Mfg. Co. ("Economy," "O. K."), Tipton, Ind.
Pennsylvania Stamping Co., York, Pa.
Reynolds H. B. Mfg. Co., Fredericktown, Ohio
Richmond Water Softener Co., Richmond, Ind.
Weber & Kirch Mfg. Co., Keokuk, Ia.

4998—Fountains (Soda Water)

American Mfg. Co., Memphis, Tenn.
American Soda Fountain Co. (Iceless), 282 Congress, Boston, Mass
Best Mfg. Co., Peoria, Ill.
Bishop-Babcock-Becker Co. ("Red Cross," Iceless), Cleveland, O.
Chicago Fountain Soda Water Co., 1140 W Harrison, Chicago, Ill.
Chicago Soda Fountain Co., 153 N Jefferson, Chicago, Ill.
Combination Fountain Co., Decatur, Ill.
Decatur Fountain Co., Decatur, Ill.
Federal Brass Works, 3100 S Kedzie, Chicago, Ill.
Fountain Specialty Co. ("Guarantee" Iceless), Grand Haven, Mich.
Green Robt. M. & Sons, 1413 Vine, Phila., Pa.
Knight Soda Fountain Co. ("Knight All-White Sta-Kleen"), 351 W Chicago, Chicago, Ill.
Lippincott A. H. & F. H., 24th & Locust, Phila., Pa.
Liquid Carbonic Co., 3100 S Kedzie av, Chicago, Ill.
Loeber H. G. Co. (Iceless), 151 E 126th, New York
McCahill Soda Fountain Co., 407 W 59, New York
Petigor M. H., 434 Water, New York
Pick Albert & Co., 212 W Randolph, Chicago, Ill.
Progressive Mercantile & Mfg. Co., Pana, Ill.
Puffer Mfg. Co., 51 Portland, Boston, Mass.
Russ Co., 5700 Walworth av, Cleveland, O.
Storandt J. W. Mfg. Co., Rochester, N. Y.
Walrus Mfg. Co., Decatur, Ill.
Wise Soda Apparatus Co. ("Wise Brine Iceless"), Bellevue, O.

4999— Fountains (Stock)

American Foundry & Mfg. Co. (Horse), 11th & Herbert, St. Louis, Mo.
Bushnell Tank Works, Bushnell, Ill.
Butler Mfg. Co., Kansas City, Mo.
Clarke J. Q. Tank Co., Crawfordsville, Ind.
Frantz Mfg. Co., Sterling, Ill.
Gedge Bros. Iron Roofing Co. (Valveless Automatic), Anderson, Ind.
Gehl Bros. Mfg. Co., West Bend, Wis.
Glor Bros. & Willis Mfg. Co. ("New Modern"), Attica, N. Y.
Hayton Pump Co. (Cast Iron), Quincy, Ill.
Helm S. D. Mfg. Co. ("Helm" for Hogs), Crawfordsville, Ind.
Jenks H. F. Co. (Horse), Pawtucket, R. I.
Kretchmer Mfg. Co. (Sanitary), Council Bluffs, Ia.
Loetscher-Ryan Mfg. Co. ("Star" Cast for Hogs), Dubuque, Ia.
McDonald A. Y. Mfg. Co. ("Diamond"), Dubuque, Ia.
Maytag Co. ("Booth," "Hawkeye"), Newton, Ia.
National Mfg. Co. ("Ideal"), Des Moines, Ia.
National Tubular Axle Co. ("National"), Emigsville, Pa.
Novelty Iron Works ("Handy," Automatic), Sterling, Ill.
Quinn Wire & Iron Works ("Daisy"), Boone, Ia.
Sterling Foundry Co. ("Best"), Sterling, Ill.
Walker Mfg. Co. ("Novelty"), Council Bluffs, Ia.
Weldex Co. (Hog), Richmond, Ind.
Western Mfg. Co. ("Iowa," Automatic), Oskaloosa, Ia.

5000— Fountains, Vases, Etc.

See also Fountains, Drinking, Sanitary

Badger Wire & Iron Works, 25th av & Cleveland, Milwaukee, Wis.
Barbee Wire & Iron Works, Lafayette, Ind.
Barnum E. T. Wire & Iron Works, 864 Woodward, Detroit, Mich.
Carr Jas. W. (Iron Benches & Vases), Richmond, Va.
Casey-Hedges Co., Chattanooga, Tenn.
Champion Iron Co., Kenton, O.
Cheney S. & Son (Vases Only), Manlius, N. Y.
Cincinnati Iron Fence Co. (Flower Vases), Cincinnati, O.
Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
Concord Foundry & Machine Co., Concord, N. H.
Darby Edw. & Sons Co., 239 Arch, Phila., Pa.
Duisdieker Foundry & Mfg. Co. (Cast Iron), Pekin, Ill.
Eagle Iron Works, 850 De Kalb av, Brooklyn, N. Y.
Enterprise Iron Works, Indianapolis, Ind.
Fiske J. W. Iron Works, 80 Park pl, New York
Galloway Terra Cotta Co., 3202 Walnut, Phila., Pa.
Ginther's J. Sons Co., Buffalo, N. Y.
Hall Concrete Products Co., Grassland, Pa.
Hennecke C. Co. (Concrete Vases), 1353 N Pierce, Milwaukee, Wis.
Hitzeroth Edward, 3124 Market, Phila., Pa.
Illinois Iron & Bolt Co. (Vases, Hitching Posts, etc), Carpentersville, Ill.
Illinois Malleable Iron Co. (Drinking Fountains), 1801 Diversey blvd, Chicago, Ill. *See adv index at end of book*
Jones M. D. Co., 73 Portland, Boston, Mass.
Kramer Bros. Foundry Co., Dayton, O.
McDonald Foundry (Vases, Settees, etc), Columbus, O.
Meyers Fred. J. Mfg. Co., Hamilton, O. *See adv index at end of book*
Morris Iron & Steel Co., Frederick, Md.
Mott J. L. Iron Works, Trenton, N. J.
North Shore Ferneries Co., Beverly, Mass.
Roanoke Iron & Bridge Wks., Inc., Roanoke, Va.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill. *See adv index at end of book*
Southard-Robertson Co. (Cast Iron Lawn Vases), Peekskill, N. Y.
Stewart Iron Works Co. (Lawn & Drinking Fountains), Covington, Ky.
Superior Iron Works Co. (Horse Drinking Fountains), Superior, Wis.
Swett A. L. Iron Works, Medina, N. Y.
Toy W. M. & Co., 10 E Shelby, Sidney, O.
Van Dorn Iron Works Co. (Iron Vases), 2700 E 79th, Cleveland, O.
Vulcan Co., 11 Raynor, Detroit, Mich.
Walbridge & Co., 392 Main, Buffalo, N. Y.

Founts (Chicken)

See Fountains, Poultry

5001— Founts (Lamp)

See also Lamps, Household, Brass

AMERICAN BRASS CO., Waterbury, Conn. *For branch offices see adv index at end of book*
Bradley & Hubbard Mfg. Co. (Metal), Meriden, Conn.
Bridgeport Brass Co. (Metal, Decorated), Bridgeport, Conn.
Consolidated Lamp & Glass Co. (Glass), Corapolis, Pa.
Gillinder & Sons (Glass, Decorated), State & Devereaux, Phila., Pa.
Hammer & Co. (Malleable Iron), Branford, Conn.
Miller Edw. & Co. (Decorated), Meriden, Conn.
Phoenix Glass Co. (Glass), 2d National Bank bldg, Pittsburgh, Pa.
Sneath Glass Co. (Glass), Hartford City, Ind.

5002—Frames (Automobile, Pressed Steel)

Detroit Pressed Steel Co. ("Presteel"), Detroit, Mich.
Driggs-Seabury Ordnance Co. (& Frame Parts), Sharon, Pa.
Electric Auto Sales Corp., Central Park W & 62nd, New York
Hale & Kilburn Co., 18th & Glenwood av, Phila., Pa.
Hydraulic Pressed Steel Co., Cleveland, O.
Parish Mfg. Co., Reading, Pa.
Parish & Bingham Co. (Cold Pressed), Madison av & W 106th, Cleveland, O.
Smith A. O. Co., Milwaukee, Wis.
Star Foundry & Machine Works, Anderson, Ind.

5002a—*Frames (Beehive & Honey)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Mason F. C. & Co., St. John's, Mich.

5003—Frames (Camp Chair & Stool)

Ransome-Leach Co., 115 B'way, New York

5004—Frames (Card Drawer)

Grammes L. F. & Sons, Allentown, Pa. *See adv index at end of book*
Penn. Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Yale & Towne Mfg. Co., 9 E 40th, New York

5005— Frames (Crusher)

Quaker City Iron Works, Tioga & Edgemont, Phila., Pa.

5006—Frames (Galvanizing & Tinning)

Turner, Vaughn & Taylor Co. (Wire), Cuyahoga Falls, O. *See adv index at end of book*

Frames (Hack Saw)

See Saw Blades & Frames, Hack

5007-8— Frames (Head)

PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa. *See adv index at end of book*

When writing to firms listed in this book please, mention HENDRICKS' COMMERCIAL RECISTER

5009— Frames (Locomotive)

American Steel Foundries, McCormick bldg, Chicago, Ill.
Duquesne Steel Foundry Co., Arrott bldg, Pittsburgh, Pa.
Ohio Steel Foundry Co., Lima, O.
Penn Seaboard Steel Corp., Chester, Pa.
Pratt & Letchworth Co., Buffalo, N. Y.
Union Steel Casting Co., Pittsburgh, Pa.

5009a—*Frames (Menu Card)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

5010—*Frames (Metal Picture)

Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill. *See adv index at end of book*

5011—*Frames (Mirror, Brass)

Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill. *See adv index at end of book*

5011a— *Frames (Numeral)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

5012—Frames (Open Hearth Furnace Door)

Blaw-Knox Co. ("Knox"), Farmers' Bank bldg, Pittsburgh, Pa.
Littleford Bros. (Steel), 444 E Pearl, Cincinnati, O.

5013— Frames (Sink)

Korff Mfg. Co. ("Korff" Adjustable), Lansing, Mich.

5014— Frames (Soapmakers')

Hersey Mfg. Co., 314 W. Second, South Boston, Mass.
Honchin-Aiken Co., 113 53d, Brooklyn, N. Y.
Littleford Bros. (Steel), 444 E Pearl, Cincinnati, O.
Nunning Frank & Son, 215 W 2d, Cincinnati, O.
Sowers Mfg. Co., 1320 Niagara, Buffalo, N. Y.

5014a— Frames (Spectacle)

B. B. W. Mfg. Co. (Zylonite), 251 W 19th, New York

5014b—*Frames (Theater Poster)

Newman Mfg. Co., 717 Sycamore, Cincinnati, O. & 68 W Washington, Chicago, Ill. *See adv index at end of book*

5014c— Frames (Tractor)

Parish & Bingham Co., Madison & W 106th, Cleveland, O.

5015—Frames (Traveling Bag & Suit Case)

American Steel Frame & Band Iron Co. (Suit Case), 300 Water, New York
Milwaukee Stamping Co., West Allis, Wis.
Neumann R. Hardware Co., 9 St. Francis, Newark, N. J.

5016-7—Frames (Wood Saw)

Cardwell Machine Co. (Tilting Table), Richmond, Va.
Fairbanks, Morse & Co. (With Arbors), 900 S Wabash av, Chicago, Ill.
Freeman Mfg. Co. (Wood or Pole), Dept. O, Racine, Wis.

5018—Freezers (Brine, Ice Cream)

Creamery Package Mfg. Co., 61 W Kinzie, Chicago, Ill.
Dairy Machinery & Construction Co. ("Progress"), Derby, Conn.
Miller Pasteurizing Machine Co. ("Miller"), Canton, O.
Thompson Emery Machine & Supply Co., 235 E 41st, New York
Tyson Co., Canton, O.

5019—Freezers (Ice Cream, Etc.)

Acme Freezer Co. ("Acme"), 1543 N Hutchinson, Phila., Pa.
Alaska Freezer Co. ("Alaska," "North Pole," "North Star"), Winchendon, Mass.
Allen J. W. & Co. ("Monarch," Combination), 116 N Peoria, Chicago, Ill.
Angle Mfg. Co. ("Angle" Tin Pail), 244 W 23rd, New York
Auto Vacuum Freezer Co., 25 W B'way, New York
Cardington Cabinet Co. ("Diamond," Triple Motion, "Crystal" Double Motion), Cardington, O.
Cincinnati Can Co., 426 Culvert, Cincinnati, O.
Consolidated Mfg. Co. (Glass), Hartford, Conn.
Creamery Package Mfg. Co. (Disc, Continuous), 61 W Kinzie, Chicago, Ill.
Dairy Machinery & Construction Co. ("Progress," Brine), Derby, Conn.
Dazey Churn Mfg. Co. ("Dazey," Glass Jars), 4301 Warne, St. Louis, Mo.
Dewsberry R. A., 1010 W Lake, Chicago, Ill.
Emery Thompson Mach. & Supply Co., 235 E 41st, New York
Garden City Plating & Mfg. Co. ("Ideal"), 1430 S Talman av, Chicago, Ill.
Hilbert Machine Co. (Power), 2116 Colerain av, Cincinnati, O.
Horizontal Freezer Co. ("New Chicago"), 18 W Kinzie, Chicago, Ill.
Houchin Thos. W. Co. ("Glacier"), 36 E 12th, New York
Lange Henry G., 162 N May, Chicago, Ill.
Maag August Co., 509 W Lombard, Baltimore, Md.
Miller Pasteurizing Machine Co. ("Miller"), Canton, O.
Mills Thomas & Bro. ("Monitor"), 8th & Thompson, Phila., Pa.
New England Enameling Co. ("Ideal" Automatic), Middletown, Conn.
North Bros. Mfg. Co. ("Shepard's Lightning," "Gem," "Blizzard," "Crown," "Seaman," Power), Lehigh av & American, Phila., Pa.
Northwestern Copper & Brass Works, 59 W 3d, St. Paul, Minn.
Peerless Freezer Co., Winchendon, Mass.
Richmond Cedar Works ("Snow-Ball," "Steel Frame," "Frost King," "Double Quick"), Richmond, Va.
Tate Wm. J. (Est. of), 3520 Mercer, Phila., Pa.
Thompson Emery Machine & Supply Co. ("Emery Thompson" Brine Freezer), 235 E 41st, New York
Treman, King & Co. ("Automatic"), Ithaca, N. Y.
Tyson Co., Canton, O.
Watkins Jas. Y. & Son (Inc.), 20 Catherine, New York
White Mountain Freezer Co. ("White Mountain," "Arctic," "Nashua"), Nashua, N. H.
Whitney F. E. Co., 65 Sudbury, Boston, Mass.

5019a—Friction Surfaces (Asbestos)

Dominion Asbestos & Rubber Corp. (For Brakes, Clutches, Cones & Pulleys—"Darcoid," "Griptite"), 154 Nassau, New York *See adv index at end of book*

5020—Friction Surfaces (Cork Insert)

Cork Insert Co. (For Brakes, Clutches & Pulleys), 164 Federal, Boston, Mass.

5021—*Frictions (Leather)

Barwood L. J. Co. ("Barwood"), Stoneham Station, Boston, Mass.
See adv index at end of book

5022— Frictions (Paper)

Dodge Sales & Engineering Co., Mishawaka, Ind.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R Ry, Phila., Pa.
See adv index at end of book
Mobile Pulley & Machine Co., Mobile, Ala.
Rockwood Mfg. Co. (also Fibre), Indianapolis, Ind.
Webster Mfg. Co., Tiffin, O.

5023—Fringes (Silk, Upholstery, Etc.)

Baum C. F. Co., 232 S Franklin, Chicago, Ill.
Berkshire & Becket Silk Co., Becket, Mass.
Colombat Henry & Co., 239 Geary, San Francisco, Cal.
Crane Bros., Kingston, Pa.
Eastlake Mfg. Co., Adams av & Leiper Phila., Pa.
Empire Fringe Co., 909 Faile, New York
Fiedler A. B. & Sons, 367 W Adams, Chicago, Ill.
Grau & Lehmann, 537 W B'way, New York
Hensel Silk Mfg. Co., 1015 Diamond, Phila., Pa.
Hirsch G. Sons (Bead Fringes, Spangles, etc), 890 B'way, New York
Horstmann Wm. H. Co., 5th & Cherry, Phila., Pa.
Maguire Wm. G., Camden, N. J.
Manashaw Chas. C., 131 W 31st, New York
Mann V., 484 6th av, New York
Mansure E. L. Co., 185 N Michigan av, Chicago, Ill.
Mansure E. L. Co., 1415 North, Phila., Pa.
Oehrle Bros. Co., 427 N 3rd, Phila., Pa.
Olyphant Silk Co., Olyphant, Pa.
Peters Trimming Co., 923 Fulton, Chicago, Ill.
Phoenix Trimming Co., 2008 N Racine av, Chicago, Ill.
Prosnitz Chas., 124 W 24th, New York
Schlegel Mfg. Co., Rochester, N. Y.
Schwensen Wm. (Est. of), 46 Walker, New York
Seideman Bros., 121 N 7th, Phila., Pa.
Seidmann Chas. & Co., 1801 N Howard, Phila., Pa.
Shirley & Co., 250 W 54th, New York
Unger Wm. & Bro., 496 B'way, New York
United States Trimming Co., 39 N 10th, Phila., Pa.
Vogt Mfg. & Coach Lace Co., Rochester, N. Y.
Walliser August, 531 Hermitage, Phila., Pa.
Webendorfer H., 338 E 103d, New York
Weinberg C. & Co., 27 W 23rd, New York
Wright S. D. & Co., 1017 N Front, Phila., Pa.

5024— Frogs (Coopers')

Evansville Tool Works, Evansville, Ind.
Iron City Tool Works, Ltd., 3201 Smallman, Pittsburgh, Pa.
Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.
Warren Tool & Forge Co., Warren, O.

5025— Frogs (Cast Iron)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Easton Car & Construction Co., 15 Center sq, Easton, Pa.
See adv index at end of book
Indianapolis Switch & Frog Co., Springfield, O.
Irwin Foundry & Mine Car Co. (& Turnouts for Mine Tracks), Irwin, Pa.

5026—Frogs (Overhead Trolley)

American Safety Lamp & Mine Supply Co., Scranton, Pa.
Elec. Railway Equipment Co., Cincinnati, Ohio
Fairmount Mining Machy. Co., Fairmont, W. Va.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
Ohio Brass Co., Mansfield, O.
Sackett Mine Supply Co., 164 W 3rd, Columbus, O.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Frogs (Replacing)

See Replacers, Car

5027— Frogs (Spring Rail)

THE CINCINNATI FROG & SWITCH CO.

(Standard & Narrow Gauge Tracks), Cincinnati, O.

Cleveland Frog & Crossing Co. ("The Lucas"), Cleveland, O.
Elliott Frog & Switch Co., 301 S Main, East St. Louis, Ill.
Indianapolis Switch & Frog Co., Springfield, O.
Morden Frog & Crossing Works ("Vaughn", etc), 208 S La Salle, Chicago, Ill.
Ramapo Iron Works ("Ramapo" Manganese Steel, Double, etc), Hillburn, N. Y.
Weir Frog Co., Cincinnati, O.
WHARTON WM. J. R. & CO., Inc., Easton, Pa.

5028—Frogs, Switches & Crossings

Ajax Forge Co., 2499 Blue Island, Chicago, Ill.
Alexander Crossing Co. (Continuous-Rail, Non-Pounding Crossings), Clinton, Ill.
American Frog & Switch Co., Hamilton, O.
American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
Atlas Car & Mfg. Co., Cleveland, O.
Barbour, Stockwell Co. (Street Ry), Cambridge, Mass.
Barnum, Richardson Co., Lime Rock, Conn.
Bethlehem Steel Co. ("Manard"), So. Bethlehem, Pa.
Buda Co., Railway Exch bldg, Chicago, Ill.
Central Frog & Switch Co., Cincinnati, O.

THE CINCINNATI FROG & SWITCH CO.

(For Standard & Narrow Gauge Tracks), Cincinnati, O.

Cleveland Frog & Crossing Co. (Manganese Steel), Cleveland, O.
Conley Frog & Switch Co., Memphis, Tenn.
EASTON CAR & CONSTRUCTION CO., 15 Center sq, Easton, Pa.
See adv index at end of book
Elliott Frog & Switch Co. (Spring Frogs, Spring Switches & Switch Stands, etc), 301 S Main, E St. Louis, Ill.
Erwin Mfg. Co., Montgomery bldg, Milwaukee, Wis.
Frog, Switch & Mfg. Co., Carlisle, Pa.
HUNT C. W. CO., West New Brighton, New York
See adv index at end of book
Indianapolis Switch & Frog Co. ("R-N-R", Manganese Steel Frogs, Crossings, etc), Springfield, O.
Jordan O. F. Co. (Manganese Crossings), 333 S Michigan av, Chicago, Ill.
Kilby Frog & Switch Co., Birmingham, Ala.
Levis Henry & Co., Commercial Trust bldg, Phila, Pa.
Light Railway Equipment Co., 526 Commercial Trust bldg, Phila., Pa.
Lorain Steel Co., Johnstown, Pa.
Morden Frog & Crossing Works ("Union"), 208 S La Salle, Chicago, Ill.
New York Switch & Crossing Co., Hoboken, N. J.
O'Leary Arthur J. & Son Co., 65th & So. 57th av, Chicago, Ill.
Pettibone, Mulliken & Co. ("Strom" Clamp Frogs & "Spring Rail" Frogs, etc), 140 S Dearborn, Chicago, Ill.
Ramapo Iron Works ("MacPherson" Crossings, Split Switches, Spring & Rigid Frogs, etc), Hillburn, N. Y., & Niagara Falls, N. Y.
St. Louis Frog & Switch Co., Chemical bldg, St. Louis, Mo.
St. Louis Steel Foundry (Manganese Steel), Hamburger & Kienlen av, St. Louis, Mo.
Seattle Frog & Switch Co., Seattle, Wash.
TURL IRON & CAR CO., INC., THE, 50 Broad, New York. Works: Newburgh, N. Y.
Weir Frog Co., Cincinnati, O.
WHARTON WM. JR. & CO,. INC. ("Tisco" Manganese Steel & Plain Bolted Solid "Tisco" & "Tisco" Manganese Steel Center Tongue Switches of "H. C. B." & "H. T" designs), Easton, Pa.

Frogs (Wrecking)

See Replacers, Car

Fronts (Furnace)

See Boiler Fronts & Castings

5029— Fronts (Stone Boat)

Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Cheney S. & Son, Manlius, N. Y.
Dutton E Q. & Co., Cato, N. Y.
Eddy W. Plow Co., Greenwich, N. Y.
Everts Mfg. Co., Meridian, N. Y.
Hessen Bros. Co. (Cast Iron), Tecumseh, Mich.
Hussey Plow Co., No Berwick, Me.
Lyon Iron Works, Greene, N. Y.
Munnsville Plow Co., Munnsville, N. Y.
Sargent, Osgood & Roundy Co., Randolph, Vt.
Zieg F. B. Mfg. Co., Fredericktown, O.

5030— Frumentum

United States Frumentum Co., 39 S Chene, Detroit, Mich.

5031— Fuel Economizers

Anderson Mfg. Co., 1922 Arch Phila, Pa.
Canady Blaisdell Corp. ("Canady"), 90 West, New York
Combusto Devices Corp. ("Combusto"), 250 W 54th, New York
Craig Millard Co., Detroit, Mich.
Crown Fuel Saver Co., 325 W Lake, Chicago, Ill.
Eureka Smokeless Furnace Co., 1215 Chamber of Commerce bldg, Chicago, Ill.
GASKET SUPPLY CO., 1927 Ludlow, Phila., Pa. *See adv index at end of book*
Gastine Co. (Gasoline), Bridgeton, N. J.
Green Fuel Economizer Co., Beacon, N. Y.
Hardware Specialty Mfg. Co. (For Hot Air, Hot Water or Steam Furnaces), 810 Montrose av, Chicago, Ill.
Improved Equipment Co. (Bench), 60 Wall, New York
Indiana Fuel Supply Co., Indianapolis, Ind.
Otter Mfg. Co., Inc., 243 W 17th, New York
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass. *See adv index at end of book*
Vasil Steam Systems Co., Hudson, Mass.

5032—*Fuel Oil Pumping Systems

Rockwell W. S. Co., 50 Church, New York. *See adv index at end of book*

5033—Fuel Oil & Gas Burning Appliances

See also Burners, Fuel Oil

American Shop Equipment Co. (American), Fuel Oil & Gas), McCormick bldg, Chicago, Ill.
Flinn & Dreffein Co., 431 S Dearborn, Chicago, Ill.
GILBERT & BARKER MFG. CO. ("Gilbert & Barker"), Springfield, Mass. *See adv index at end of book*
Johnson S. T. Co. ("Johnson's" Liquid Fuel, Oil Low Pressure Air System), 1334 Mission, San Francisco, Cal.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Metals Production Equipment Co., Springfield, Mass.
Mirc's Fuel-Oil Equipment Co. (Oil Only), Lancaster, Pa.
National Supply Co. ("Billow" System), 416 W Grand av, Chicago, Ill.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
ROCKWELL W. S. & CO., 50 Church, New York *See adv index at end of book*
Tate-Jones & Co. (& Gas), Empire bldg, Pittsburgh, Pa.
Union Iron Works Co. ("Dahl" Systems), 20th & Michigan, San Francisco, Cal.

Fuller Board

See Press Board

5034— Fullers Earth

CHRYSTAL CHAS. B. (English Imp), 13 Cliff, New York *See adv index at end of book*
Davidson Commission Co., 140 W Van Buren, Chicago, Ill.
Doggett Stanley, 11 Cliff, New York
Floridin Co. ("Floridin"), Warren, Pa.
Fuerst Bros. & Co. (Imported), 2 Stone, New York
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
General Reduction Co., Atlanta, Ga.
Hamill & Gillespie (Imported), 240 Front, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Hillier's R. Son Co. (Powdered), 100 William, New York
Lester Clay Co., Jacksonville, Fla.
Manater Fuller's Earth Corp., 141 B'way, New York
National Sales Co. (Imp.), 31 E 13th, Cincinnati, O.
New England Quartz Co. of N. Y., 107 William, New York
Olson John, Benton, Ark.
Refiners' Engng. & Supply Co., N. Y. Life bldg, Chicago, Ill.
Salomon L. A. & Bro. (Imported), 216 Pearl, New York
Whittaker, Clark & Daniels, Inc. (Jobbers), 250 Front, New York

5035—Fullers (Top & Bottom)

Champion Tool Co., Meadville, Pa.
Evansville Tool Works, Evansville, Ind.
Heller Bros. Co., 879 Mt. Prospect av, Newark, N. J.
Vaughan & Bushnell Mfg. Co. ("V. & B.") 2114 Carroll av, Chicago, Ill.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.

5035a—Fumigating Systems for Ships

Schutte & Koerting Co., 1251 N 12th, Phila., Pa.

5036— Fumigators

Central City Chemical Co. ("Forma-Germkill"), 1752 Kimball av, Chicago, Ill.
Devine J. P. Co., Buffalo, N. Y.
Thompson F. A. & Co. ("Tumoth"), 532 Thrombley av, Detroit, Mich.
Wotherspoon Jas. R. ("Eureka," "Perfection"), 238 N Front, Phila., Pa.

5037—Funnels (Family, Grocers, Etc.)

Cassady Fairbanks Mfg. Co. (Fruit, etc, Aluminum), 6126 La Salle, Chicago, Ill.
Central Stamping Co. ("Puritan," "Sterling"), 172 Fulton, New York
Fargo E. A. Co. (Aluminum), Taunton, Mass.
National Enameling & Stamping Co., 411 5th av, New York
Ray Geo. A. Mfg. Co. (Copper, Measuring, Valve, etc), Buffalo, N. Y.

5038—*Funnels for Injector & Oil Overflow

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

5039— Funnels (Gasoline)

Atlantic Stamping Co., 156-180 Ames, Rochester, N. Y.
Delphos Mfg. Co., 1st & Pierce, Delphos, O.
Dover Stamping & Mfg. Co., Cambridge, Mass.
Hoaglin F. L. ("No-Spill"), Waupaca, Wis.
Iddings Co. ("Auto"), Warren, Ohio
Knapp Mfg. Co., 48 Warren, New York
Kraft A. C. ("Hurlup" & Oyl-Ryt"), 323 W Lake, Chicago, Ill.
National Marine Lamp Co., Forestville, Conn.
No-Shammy Product Co., 5710 Hough av, Cleveland, O.
Sigby Wm. H., Sylvan Grove, Kans.

5040—Funnels (Nitre Charging)

Pratt Engineering & Machine Co., Atlanta, Ga.

5041—*Funnels (Porcelain)

Ohio Pottery Co., Zanesville, Ohio. *See adv index at end of book*

5042—Furnace Doors & Grates

Bell C. S. Co., Hillsboro, O.
Cook Cane Mill & Evaporator Co., 320 N 2nd, St. Louis, Mo.
Southern Plow Co., Columbus, Ga.

5043—Furnace Pipe & Fittings

Adjusto Specialty Co., Springfield, Mass.
Chicago Furnace Supply Co., 549 W Monroe, Chicago, Ill.
Delphos Mfg. Co., 1st & Pierce, Delphos, O.
Eclipse Metal Mfg. Co. (Galvanized Elbows), Eden, N. Y.
Excelsior Steel Furnace Co., 118 S Clinton, Chicago, Ill.
Fow Mfg. Co. (Adjustable Elbows, etc), 233 N 2d, Phila., Pa.
Gammeter W. F., Cadiz, O.
Hill James Mfg. Co., 52 Westfield, Providence, R. I.
Howes S. M. Co., 42 Union, Boston, Mass.
Jones System Heating & Ventilating Co., Phelan bldg, San Francisco, Cal.
Merchant & Evans Co., 2035 Washington av, Phila., Pa. *See adv index at end of book*
Meyer F. & Bro. Co. ("Improved Handy"), Peoria, Ill.
Michigan Safety Furnace Pipe Co., 113 Fort E, Detroit, Mich.
Newark Steel & Iron Works, 12 Mercer, Newark, N. J.
Perfection Furnace Pipe Co., Toledo, O.
Pittsburgh Valve, Foundry & Construction Co. (Blast Furnace, etc), 26th & A. V. R. R., Pittsburgh, Pa.
Roberts-Hamilton Co., 413 S 4th, Minneapolis, Minn.
Safety Furnace Pipe Co., 1212 Second av, Detroit, Mich.
Steele Wilbur S. Co. ("Peerless"), Hartford, Conn.
XXth Century Heating & Ventilating Co., Akron, O.
United States Register Co., Ltd., Battle Creek, Mich.
Waverly Heating & Supply Co. ("Vulcan"), 52 Union, Boston, Mass.
Williamson Heater Co., 339 W 5th, Cincinnati, O.
Wright Mfg. Co., New Haven, Conn.

5044—Furnaces (Agricultural)

Donaldson Bros., Mount Clemens, Mich.
Lehr Agricultural Co., Fremont, O.

5045—Furnaces (Aluminum Melting)

Foundry Equipment Co., 1833 Columbus rd, Cleveland, O.
Hausfeld Co., Harrison, Ohio
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*
Strong, Carlisle & Hammond Co. ("Frankfort"), 336 Frankfort av, N W, Cleveland, O.

5045a—*Furnaces (Angle Heating)

ROCKWELL W. S. CO., 50 Church, New York *See adv index at end of book*

5046—Furnaces (Annealing & Case Hardening)

See also Furnaces, Fuel Oil Burning; also Furnaces, Gas Blast

American Equipment Co., Norristown, Pa.
American Gas Furnace Co. (Gas), 24 John, New York
American Incandescent Heat Co., 10 Post O Sq, Boston, Mass.
Atlas Engineering Co., Amherst, O. *See adv index at end of book*
Bates Machine Co. (Annealing), Joliet, Ill.

FURNACES (Annealing & Case Hardening)—continued

BEACH-RUSS CO., 220 B'way, New York *See adv index at end of book*
Bellevue Industrial Furnace Co., 703 Bellevue av, Detroit, Mich.
Bidle W. S. Co., 1411 E 45th, Cleveland, O.
Braun Corporation (Annealing, Hardening, Tempering & Case Hardening), Los Angeles, Cal.
Brown & Sharpe Mfg. Co., Providence, R. I.
Chicago Flexible Shaft Co. ("Stewart." Gas or Oil Blast), 5600 W 12, Chicago, Ill.
Despatch Mfg. Co. (Electric Ovens), 104 2nd N, Minneapolis, Minn.
Eclipse Fuel Engineering Co. ("Eclipse" Gas Fired), 100 Forbes, Rockford, Ill.
Economy Furnace Co., Chicopee, Mass.
Flinn & Dreffein Co., 431 S Dearborn, Chicago, Ill.
General Combustion Co., Monadnock bldg, Chicago, Ill.
GILBERT & BARKER MFG. CO. ("Gilbert & Barker"), Springfield, Mass. *See adv index at end of book*
Hinz Mfg. Co., Detroit, Mich.
Holcroft & Lane Co., 58 Lafayette, Detroit, Mich.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Laughlin Alex. & Co., Pittsburgh, Pa.
Mackenzie's Duncan Sons Co., Trenton, N. J.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Metals Production Equipment Co., Springfield, Mass.
Miller W. R. Co., House bldg, Pittsburgh, Pa.
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Morgan Construction Co., Worcester, Mass.
Mayer Albert W., Singer bldg., New York
Railway Materials Co. (For Boiler Shop, Oil as Fuel), Railway Exchange bldg, Chicago, Ill.
ROCKWELL W. S. CO. (Stationary & Rotary Types), 50 Church, New York. *See adv index at end of book*
Strong, Carlisle & Hammond Co. ("Frankfort"), 336 Frankfort av, N W, Cleveland, O.
Swindell Wm. & Bro. (Inc.), Jenkins Arcade bldg, Pittsburgh, Pa.
Tate-Jones & Co. (Large & Small, Accurate Temperature, Easy Control), Empire bldg, Pittsburgh, Pa.
Tomkins Alfred Co., House bldg, Pittsburgh, Pa.
Tropenas Converter Co., 2243 Nostrand av, B'klyn, N. Y.
Turner, Vaughn & Taylor Co. (Die, Lead, Muffle & Pot Annealing Furnaces), Cuyahoga Falls, O.
Wisconsin Foundry & Machine Co., Madison, Wis.

Furnaces (Asphalt, Pitch & Tar)

See Heaters, Asphalt, Pitch & Tar

5047—Furnaces (Assayers' & Bullion)

American Gas Furnace Co., 24 John, New York
Berge J. & H. ("Hibbs" Improved), 95 John, New York
Braun Corporation, Los Angeles, Cal.
Braun-Knecht-Heimann Co., 576 Mission, San Francisco, Cal.
Calkins Co., Los Angeles, Cal.
Denver Fire Clay Co. ("Case"), Denver, Colo.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Rockwell W. S. & Co., 50 Church, New York. *See adv index at end of book*

5047a—*Furnaces (Automatic)

ROCKWELL W. S. CO., 50 Church, New York *See adv index at end of book*

5048—Furnaces (Babbitt Melting)

See also Furnaces, Gas Blast

American Gas Furnace Co. (Gas), 24 John, New York,
Buckeye Products Co., 919-929 W 5th Cincinnati, O. *See adv index at end of book*
Davis Machine Tool Co. ("Vesuvius"), Rochester, N. Y.
Globe Gas Light Co. ("Barthel" Kerosene), 25 Union, Boston, Mass.
Leddell Metals Co. ("Bee" Anti-Friction, Portable), 281 Borden av, Long Island City, N. Y.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Strong, Carlisle & Hammond Co. ("Frankfort"), 336-344 Frankfort av, N W, Cleveland, O.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5049-50—Furnaces (Bagasse)

Babcock & Wilcox Co., 85 Liberty, New York
Casey-Hedges Co., Chattanooga, Tenn.
Chattanooga Plow Co., Chattanooga, Tenn.
Coldwell-Wilcox Co., Newburgh, N. Y.
Fisher Bagasse Furnace Co., Ltd., New Orleans, La.
Haubtman & Loeb Co., Ltd., 717 Magazine, New Orleans, La.
Murphy John H. ("Quinn"), 643 Magazine, New Orleans, La.
Payne & Joubert Mach. & Fdry Co., Howard & Euphrosine, New Orleans, La.
Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.
Squier Geo. L. Mfg. Co., Buffalo, N. Y.

5051—Furnaces (Barium Chloride)

American Gas Furnace Co., 24 John, New York
Chicago Flexible Shaft Co., 5600 W 12, Chicago, Ill.
Eclipse Fuel Engineering Co. ("Eclipse" Gas Fired), 100 Forbes, Rockford, Ill.
Fisher Bagasse Furnace Co., Ltd., New Orleans, La.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*
Strong, Carlisle & Hammond Co. ("Frankfort" Barium Chloride & Cyanide Hardening), 336 Frankfort av, N W, Cleveland, O.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5052—Furnaces (Billet Heating)

Amsler Walter O., Wabash bldg, Pittsburgh, Pa.
Best W. N. Inc. ("Calorex"), 11 B'way, New York
Burns Hydro Carbon Burner Co., Fort Plain, N. Y.
Hauck Mfg. Co., 101 11th, Brooklyn, N. Y.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Morgan Construction Co., Worcester, Mass.
ROCKWELL W. S. CO. (Oil, Coal or Gas), 50 Church, New York *See adv index at end of book*
Swindell Wm. & Bros., Jenkins Arcade bldg, Pittsburgh, Pa.
Tate-Jones & Co. Empire bldg, Pittsburgh, Pa.

5052a—*Furnaces (Boiler Shop)

American Fdry & Furnace Co., Bloomington, Ill.
Dodge August W., Springfield, Mass.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5052b—*Furnaces (Bolt Heading)

Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5052c— Furnaces (Brass Annealing)

Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5053—Furnaces (Brass & Copper Melting)

See also Furnaces, Gas Blast

Barnett Oscar Foundry Co., Irvington, N. J.
Best W. N., Inc. ("Calorex"), 11 B'way, New York
Brass Founders' Supply Co., Hamberg pl, Newark, N. J.
BUCKEYE PRODUCTS CO., 919-929 W 5th, Cincinnati, O. *See adv index at end of book*
Central Foundry Supply Co., P. O. Box 945, Columbus, O.
Foundry Equipment Co., 1833 Columbus rd, Cleveland, O.
Hausfeld Co., Harrison, O.
Hauck Mfg. Co., 101 11th, B'klyn, N. Y.
Hawley Down Draft Furnace Co. "Hawley Schwartz"), Easton, Pa.
Ideal Furnace Co., Chester, Pa.
Littleford Bros., 444 E Pearl, Cincinnati, O.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Monarch Engineering & Mfg. Co. ("Monarch-Rockwell," "Steele-Harvey," "Simplex" & "Monarch"), American bldg, Baltimore, Md.
Pittsburgh Electric Furnace Co., Vanadium bldg, Pittsburgh, Pa.
ROCKWELL W. S. CO. (Tilting & Stationary Crucible Types; also Reverberatory), 50 Church, New York *See adv index at end of book*
Stevens Frederick B., 3d & Larned, Detroit, Mich.
Strong, Carlisle & Hammond Co. ("Frankfort"), 336-344 Frankfort av, N W, Cleveland, O.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.
Wise J. B., Inc. ("M-R-V" Tilting Crucible), Watertown, N. Y.
Woodison E. J. Co., Detroit, Mich.

5054— Furnaces (Brazing)

Chicago Flexible Shaft Co. ("Stewart" Crucible), 5600 W 12th, Chicago, Ill.
Flinn & Dreffein Co. (Gas & Oil), 431 S Dearborn, Chicago, Ill.
Grabo E. O. Machine Works, 180 Centre, New York
Hauck Mfg. Co., 101 11th, Brooklyn, N. Y.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Rockwell W. S. Co. (Wire, Tube, Metals, etc), 50 Church, New York *See adv index at end of book*
Scott C. W. (Head of Wall), Davenport, Ia.
Strong, Carlisle & Hammond Co. ("Frankfort"), 336-344 Frankfort av, N W, Cleveland, O.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.
Turner Brass Works (Gasoline & Kerosene), Sycamore, Ill.

5054a— *Furnaces (Bulldozer)

Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5055— Furnaces (Butchers')

Meek Oven Co. (For Lard Rendering, Boiling Meats, etc), Newburyport, Mass.

5055a—Furnaces (Carbonizing)

ROCKWELL W. S. CO., 50 Church, New York *See adv index at end of book*

5055b—*Furnaces (Cartridge Case Annealing)

Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

Furnaces (Case Hardening)

See Furnaces, Annealing & Case Hardening

5055c—Furnaces (Chain Welding

Tate-Jones & Co., Empire bldg Pittsburgh, Pa.

5056— Furnaces (Charcoal)

Indiana Hollow Ware Co. (Cast Iron), Jeffersonville, Ind.

5056a—Furnaces (Cold Rolled Strip Annealing)

Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5056b—Furnaces (Combination Coal & Oil)

Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5057—*Furnaces (Combination Gas & Oil)

Hausfeld Co., Harrison, O.
Rockwell W. S. Co., 50 Church, New York.
See adv index at end of book

5058—Furnaces (Confectioners' Gas)

BEACH-RUSS CO., 220 B'way, New York.
See adv index at end of book
Eclipse Fuel Engineering Co. ("Eclipse" Gas Blast), 100 Forbes, Rockford, Ill.
Fuller-Warren Co. ("Stewart" Gas Blast), 32nd & Wright, Milwaukee, Wis.
Katzinger Edw. Co. ("Ecko," "Giant"), 122 N Peoria, Chicago, Ill.

5058a— Furnaces (Continuous)

Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

5059— Furnaces (Copper)

Denver Engineering Works Co., Denver, Colo.
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Pittsburgh Electric Furnace Co., Vanadium bldg, Pittsburgh, Pa.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*

5060—Furnaces (Copper Matting)

Colorado Iron Works Co., Denver, Colo.
Denver Engineering Works Co., Denver, Colo.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book
Traylor Engng. & Mfg. Co., Allentown, Pa.

Furnaces (Core Baking)

See Ovens, Core Baking

5061— Furnaces (Corrugated)

AMERICAN SPIRAL PIPE WORKS (for Land & Marine Boilers), Chicago, Ill.
See adv index at end of book
Continental Iron Works ("Morison" Suspension & "Fox" Corrugated for Land & Marine Boilers), West & Calyer, Brooklyn, N. Y.

5062— Furnaces (Crucible)

See also Furnaces, Melting

American Gas Furnace Co., 24 John, New York
Amsler Walter O., Wabash bldg., Pittsburgh, Pa.
Anthony Co. (Fuel Oil), 138 West av, Long Island City, N. Y.
Best W. N. Inc. ("Calorex"), 11 B'way, New York
Braun Corporation, Los Angeles, Cal.
Braun-Knecht-Heimann Co. ("Braun" Rotary Flame Combination), 576 Mission, San Francisco, Cal.
BUCKEYE PRODUCTS CO., 919-929 W 5th, Cincinnati, O.
See adv index at end of book
Burns Hydro Carbon Burner Co., Fort Plain, N. Y.
Chicago Flexible Shaft Co. ("Stewart," Gas or Oil Blast), 5600 W 12th, Chicago, Ill.
Denver Fire Clay Co. ("Donaldson" Tiling for Melting & Refining), Denver, Colo.
Eclipse Fuel Engineering Co. ("Eclipse" Gas Fired), 100 Forbes, Rockford, Ill.
Engelhard Chas. ("Engelhard" for laboratories) (Selling agent), 30 Church, New York
Fisher Alfred (Fuel Oil), 1453 Austin av, Chicago, Ill.
GILBERT & BARKER MFG. CO. ("Gilbert & Barker"). Springfield, Mass.
See adv index at end of book
Hoskins Mfg. Co. ("Hoskins" Electric), 453 Lawton, Detroit, Mich.
Ideal Furnace Co. (Coke Fired), Chester, Pa.
Iler Foundry & Mfg Co., 694 E 82d, Cleveland, O.
Kroeschell Bros. Co. ("Kroeschell-Schwartz" Gyrating Flame for Non-Ferrous Metals), 440 W Erie, Chicago, Ill.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Monarch Engineering & Mfg. Co. ("Steele-Harvey," Monarch," "Simplex" & "Monarch-Rockwell," Tilting Melting), American bldg, Baltimore, Md.
Rockwell W. S. Co. ("Rockwell," Single & Double Chamber Tilting & Stationary), 50 Church, New York
See adv index at end of book
Smythe S. R Co., House bldg, Pittsburgh, Pa.

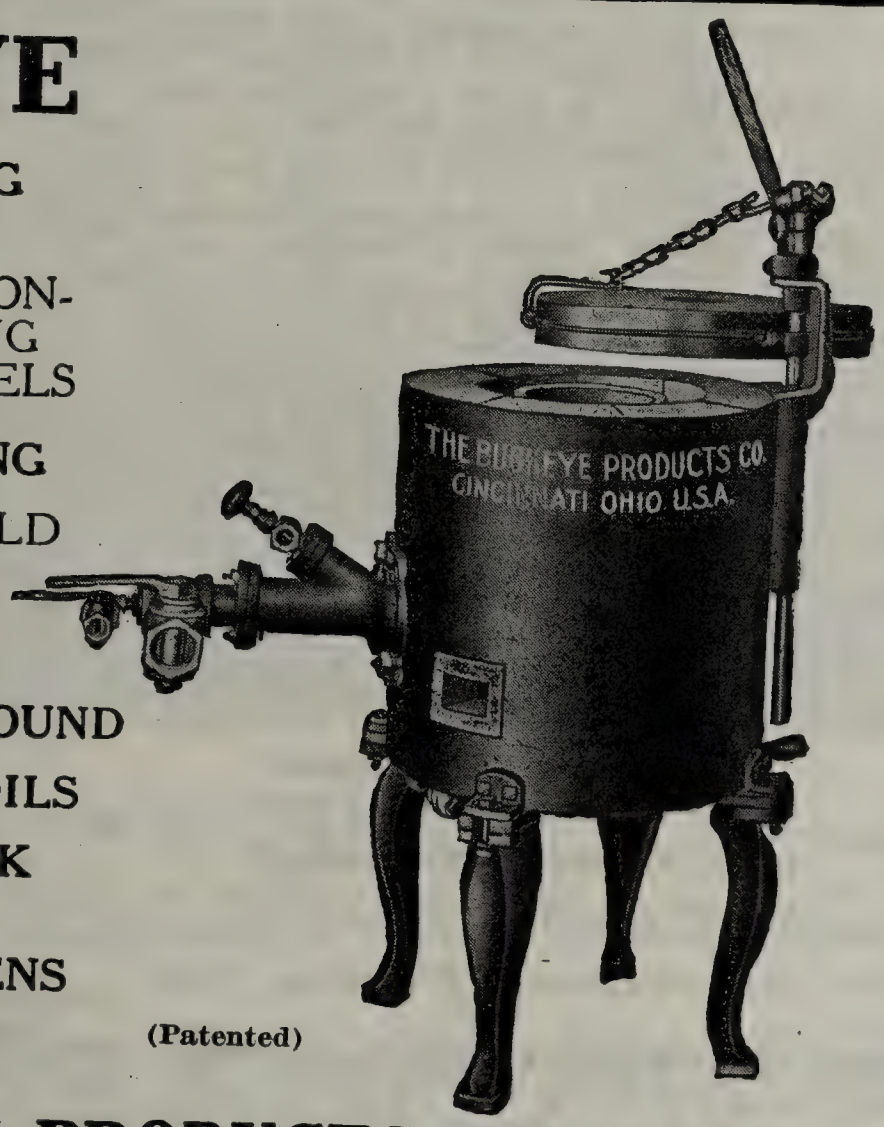
BUCKEYE PRODUCTS

METAL MELTING FURNACES

CRUCIBLE AND NON-CRUCIBLE, USING ALL KINDS OF FUELS

BUCKEYE PARTING

FAMED THE WORLD OVER



LINCO CORE COMPOUND

BUCKEYE CORE OILS

BUCKEYE BLACK BINDER

CORE BAKING OVENS

FOR ALL FUELS

(Patented)

BUCKEYE HIGH TEMPERATURE FURNACE CEMENT

WITHSTANDS EXTREME HEAT

BUCKEYE BRASS FLUX

A RELIABLE METAL CLEANSER

AIR AND ELECTRIC VIBRATORS

Consultation and expert advice freely at your service regarding any furnace and metal melting problem.

THE BUCKEYE PRODUCTS COMPANY,
919-929 W. Fifth Street
Cincinnati, Ohio, U. S. A.

Mfrs. Foundry Facings, Supplies and Equipment

Girod Electric Furnaces

are used in capacities up to 15 tons per heat in the manufacture of "Crucible Quality" Steel for all purposes

This furnace is also recommended for the melting of Ferro-Manganese; this process reduces the Manganese loss.

We also solicit your orders for ***CARLTON BRAND,*** *English*

Ferro-Manganese

For prompt and future delivery

C. W. LEAVITT & CO., Agents

34 CHURCH ST., NEW YORK

FURNACES (Crucible)—continued

Strong, Carlisle & Hammond Co. ("Frankfort"), 336-344 Frankfort av, N. W, Cleveland, O.
Swindell Wm. & Bros., Jenkins Arcade bldg, Pittsburgh, Pa.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.
Wise J. B., Inc. ("M-R-V," Brass Melting Tilting), Watertown, N. Y.

5063— Furnaces (Cupelling)

Colorado Iron Works Co., Denver, Colo.
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.
Traylor Eng. & Mfg. Co., Allentown, Pa.

5064— *Furnaces (Cupola)

NORTHERN ENGINEERING WORKS ("The Newten"), 9 Chene, Detroit, Mich. *See adv index at end of book*

5065—*Furnaces (Cyanide Hardening)

Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

5066— Furnaces (Dental)

Caulkins H. J. & Co., State & Griswald, Detroit, Mich.

5067— Furnaces (Electric)

Acheson Graphite Co. (Small for High Temperature), Niagara Falls, N. Y.
Baris Metal Corp. ("Basic"), 167 W 18, New York
Crowley John A. Co. ("Gronwall"), 120 Liberty, New York
Davis Norris K. Machine Wks, 400 7th, San Francisco, Cal.
Eimer & Amend ("E. & A." "Borcher's," "Moissan," "Roessler's," "Hartzfeld"), 205 3d av, New York
Electric Furnace Co. (For Bars & Billets), Alliance, O.
Elec. Furnace Constr. Co. ("Greaves-Etchells" System), Finance bldg, Phila, Pa.
Electric Heating Apparatus Co., 121 Sussex av, Newark, N. J.
Engelhard Chas., "Engelhard" for Laboratory X Experimental Purposes), Selling agent, 30 Church, New York
Hamilton & Hansell ("Rennerfelt"), 13 Park Row, New York
Hoskins Mfg. Co. ("Hoskins," for Hardening Carbon Steel, etc), 463 Lawton, Detroit, Mich.
International Instrument Co., Cambridge, Mass.
Knott L. E. Apparatus Co. (For Experimental Purposes), 79 Amherst, Cambridge, Mass.
LEAVITT C. W. & CO. ("Girod" for Steel Work), 34 Church, New York
See adv index at end of book
Ludlum Elec. Furnace Corp., 2 Rector, New York
Pittsburgh Electric Furnace Co. (For Non-Ferrous Metals), Vanadium bldg, Pittsburgh, Pa.
Sargent E. H. & Co. (For Laboratory), 125 W Lake, Chicago, Ill.
Snyder Electric Furnace Co. (Steel Refining), 53 W Jackson blvd, Chicago, Ill.
Stupakoff S. H. (For Experimental Work), 6639 Hamilton av, Pittsburgh, Pa.
Thomas Arthur H. Co. (For Laboratory), W Washington sq, Phila., Pa.
Vom Baur C. H., 30 Church, New York
Wile Electric Furnace Co., Jenkins Arcade, Pittsburgh, Pa.

5068—*Furnaces (Electric Hardening)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

Furnaces (Electricians')

See Furnaces, Gasoline Blast

5069— *Furnaces (Enameling)

MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book

5070—*Furnaces (Enameling, Muffle)

ATLAS ENGINEERING CO., Amherst, O.
See adv index at end of book
Rockwell W. S. Co. (With or without Muffle), 50 Church, New York
See adv index at end of book

Furnaces (Evaporator)

See Evaporators

5071—Furnaces (Fagot Heating)

Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5071a— Furnaces (Flanging)

Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5072—Furnaces (Flue Welding)

See also Flue Welding Machines

MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Railway Materials Co. ("Ferguson" Oil as Fuel), Railway Exch. bldg, Chicago, Ill.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Strong, Carlisle & Hammond Co. ("Frankfort"), 336-344 Frankfort av, N W, Cleveland, O.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

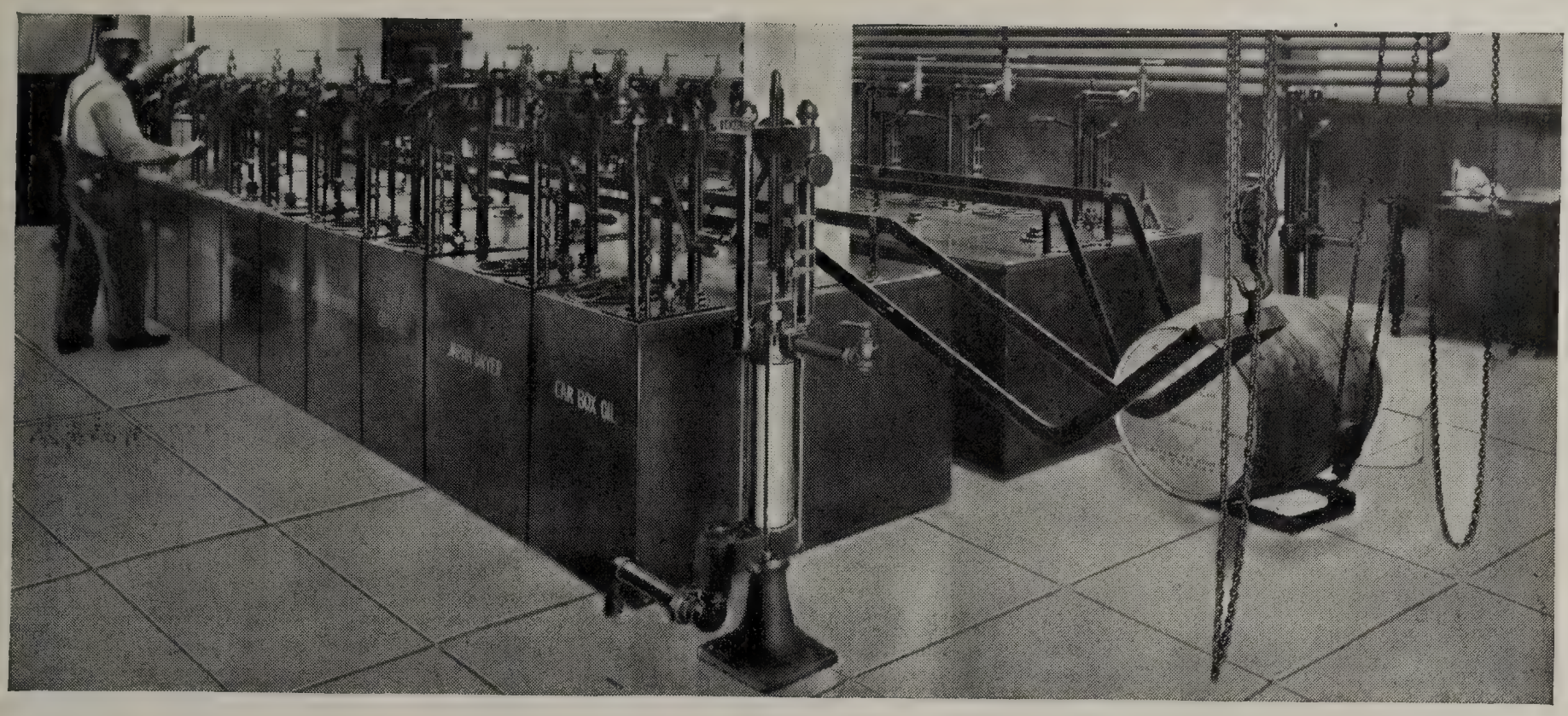
5073—Furnaces (Forging, Etc.)

American Equipment Co., Norristown, Pa.
American Shop Equipment Co. (Combustion Chamber Forge Furnaces), McCormick bldg, Chicago, Ill.
BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Bellevue Furnace Co., 703 Bellevue av, Detroit, Mich.
Best W. N., Inc. ("Calorex"), 11 B'way, New York
Burns Hydro Carbon Burner Co., Fort Plain, N. Y.
Chicago Flexible Shaft Co. ("Stewart," Gas Blast or Oil, for Small Forgings, etc.), 5600 W 12, Chicago, Ill.
Eclipse Fuel Engineering Co. ("Eclipse" Gas Fired), 100 Forbes, Rockford, Ill.
Flinn & Dreffein Co. (Gas & Oil), 431 S Dearborn, Chicago, Ill.
General Combustion Co., Monadnock bldg, Chicago, Ill.
GILBERT & BARKER MFG. CO. (Gilbert & Barker"), Springfield, Mass.
See adv index at end of book
Hauck Mfg. Co., 101 11th, Brooklyn, New York
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Metals Production Equipment Co., Springfield, Mass.
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Railway Materials Co. ("Ferguson," Oil as Fuel), Railway Exchange bldg, Chicago, Ill.
ROCKWELL W. S. CO. (Preheater Type), 50 Church, New York.
See adv index at end of book
Strong, Carlisle & Hammond Co. ("Frankfort"), 336-344 Frankfort av, N W, Cleveland, O.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.
Union Drop Forge Co. (Also Crucible), 358 W Grand av, Chicago, Ill.
U. S. Gas Furnace Co. (Gas, Blast), 46 Clifford, Providence, R. I.
Westmacott Gas Furnace Co. (Gas, Blast), 159 Orange, Providence, R. I.

5074—Furnaces (Fuel Oil Burning)

American Equipment Co., Norristown, Pa.
American Shop Equipment Co., American-McCormick bldg, Chicago, Ill.
Anthony Co., 138 West av, Long Island City, N. Y.
BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Bellevue Furnace Co., 703 Bellevue av, Detroit, Mich.
Best Co., 33d & R R, Pittsburgh, Pa.
Buckeye Products Co., 919-929 W 5th. Cincinnati, O. *See adv index at end of book*
Burns Hydro Carbon Burner Co., Ft. Plain, N. Y.
Denver Fire Clay Co. ("Case"), Denver, Colo.

GILBERT & BARKER



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OIL — FURNACES — GAS

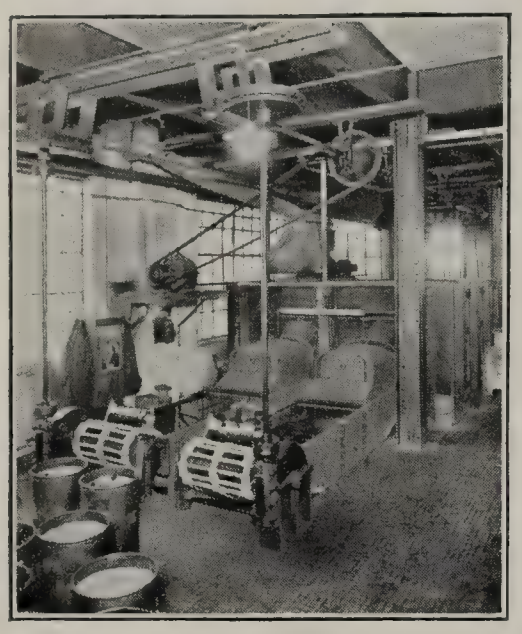
Complete Fuel Oil Systems

Gilbert & Barker Mfg. Company

Springfield, Mass.

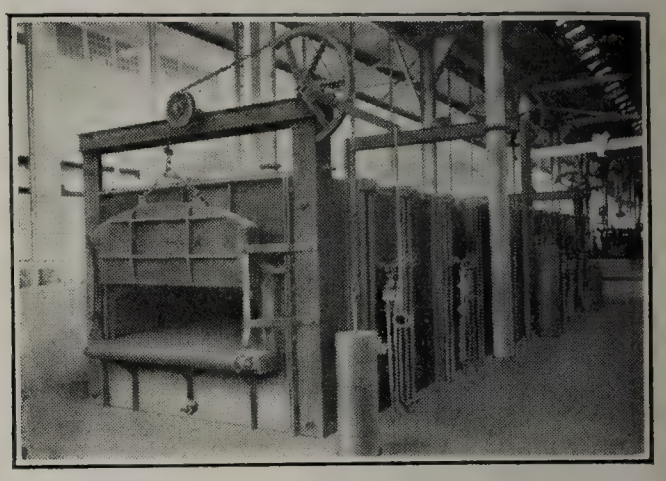
Complete Industrial Furnace Equipment

OIL GAS COAL



"FURNACE AND FUEL TO SUIT THE WORK"—is the rule governing our consideration of a new or the improvement of existing furnace equipment to suit **your** needs under **your** plant conditions. Our purpose is to deal with each case on its individual merits and to recommend changes in methods or equipment only when it is apparent that these will be productive of better results.

We do not merely sell furnaces, but rather means for efficiently producing results in industrial heating operations, which involves a great deal more than combining brick and iron or the burning of fuel.

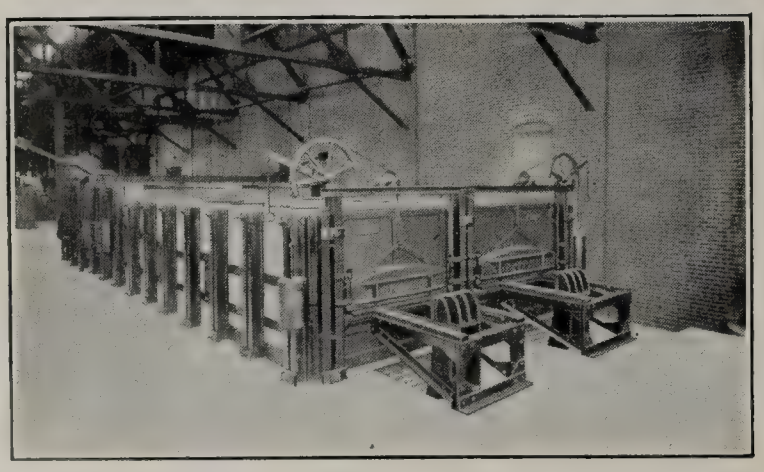


"Rockwell Service" Solves Heating Problems

We make inspection of plant, devise methods and means of working, prepare plans, furnish complete industrial furnace equipment and guarantee results, using coal, coke, gas or oil, as the best interests of our patrons require.

The following list of furnaces and appliances illustrates the variety of work we do and our familiarity with furnace and fuel problems:

Angle Heating Furnaces
Annealing Furnaces
Billet Heating Furnaces
Blast Gates, New Air-Tight Blowers
Carbonizing Furnaces
Cyanide Furnaces
Drying Furnaces
Enameling Furnaces
Forging Furnaces
Fuel Oil Appliances
Hardening Furnaces
Heat-Treating Furnaces
Heating Furnaces
Lead Pot Furnaces
Melting Furnaces
Muffle Furnaces
Plate Heating Furnaces
Rivet Furnaces
Rivet Rod Furnaces
Spring Fitting Furnaces
Soft Metal Melting Furnaces
Stoker Fired Recuperative Furnaces
Scaling Furnaces
Tempering Furnaces
Upsetting Furnaces
Varnish Boiling Furnaces
Wire Furnaces

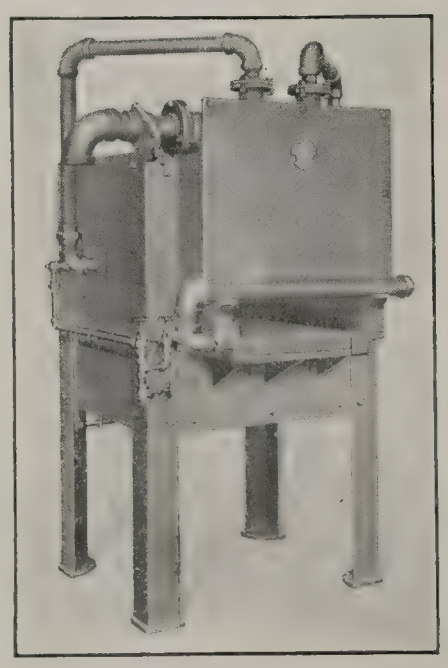


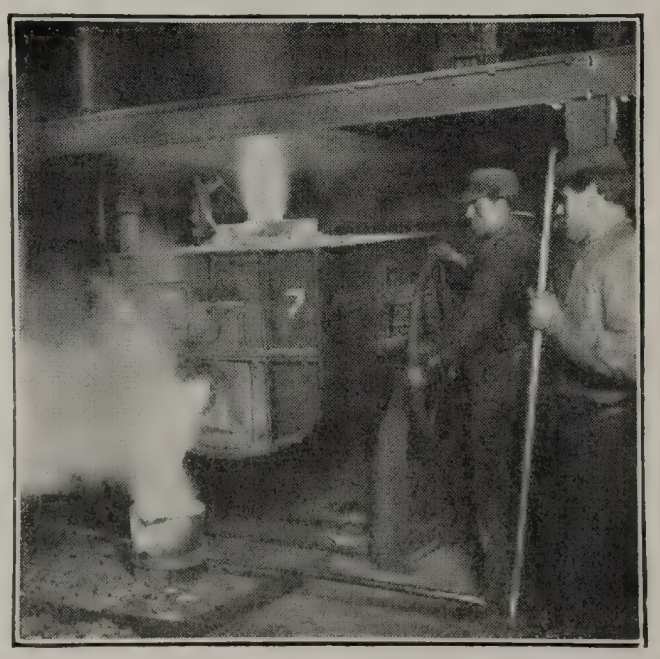
W. S. ROCKWELL COMPANY

Furnace Engineers and Contractors

50 Church Street — New York City

(Hudson Terminal Building)





Economy Furnace Co., Chicopee, Mass.
Fisher Alfred, 1453 Austin av, Chicago, Ill.
Flinn & Dreffein Co., 431 S Dearborn, Chicago, Ill.
General Oil Furnace Corp., 233 B'way, New York
GILBERT & BARKER MFG. CO. ("Gilbert & Barker"), Springfield, Mass.
See adv index at end of book
Hausfeld Co., Harrison, O.
Hauck Mfg. Co., 101 11th, B'klyn, New York
Ingersoll-Rand Co. ("Leyner"), 11 B'way, New York *See adv index at end of book*
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Metals Production Equipment Co., Springfield, Mass.
Mirc's Fuel-Oil Equipment Co. ("Mircs"), Lancaster, Pa.
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
ROCKWELL W. S. CO., 50 Church, New York *See adv index at end of book*
Strong, Carlisle & Hammond Co. ("Frankfort"), 336-344 Frankfort av, N W, Cleveland O.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5075—*Furnaces (Galvanizing)

Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

5076— Furnaces (Gas)

Abrams-Orton Mfg. Co., Wadsworth, O.
American Shop Equipment Co., McCormick bldg, Chicago, Ill.
Amsler Walter O., Wabash bldg, Pittsburgh, Pa.
Bellevue Furnace Co., 703 Bellevue av, Detroit, Mich.
BUCKEYE PRODUCTS CO., 919-929 W 5th, Cincinnati, O.
See adv index at end of book
Columbus Heating & Ventilating Co. ("Columbus"), Columbus, O.
Denver Fire Clay Co. ("Case"), Denver, Colo.
Economy Furnace Co. Chicopee, Mass.
Gass Appliance Co., The, 713 Frankfort av, Cleveland, O.
GILBERT & BARKER MFG. CO. ("Gilbert & Barker"), Springfield, Mass.
See adv index at end of book
Guardian Gas Appliance Co., 3409 Superior, Cleveland, O.
Hausfeld Co., Harrison, O.
Henry Bros., 198 North, Massillon, O.
Koven L. O. & Bro., 154 Ogden Av, Jersey City, N. J. *See adv index at end of book*
Learn & Brindle Sheet Metal Works ("Knoderer"), Columbus, O.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Manchester C. B. Gas Furnace Co., 60 Friendship, Providence, R. I.
Marshall Foundry Co., Pittsburgh, Pa.
Metals Production Equipment Co., Springfield, Mass.
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Nat'l Gas Furnace Co., 90 Codding, Providence, R. I.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Strong, Carlisle & Hammond Co. ("Frankfort"), 336-344 Frankfort av, N W, Cleveland, O.
Tate-Jones & Co. ("Kirkwood"), Empire bldg, Pittsburgh, Pa.

5077— Furnaces (Gas Blast)

American Gas Furnace Co., 24 John, New York
Buckeye Products Co., 919-929 W 5th, Cincinnati, O. *See adv index at end of book*
Chicago Flexible Shaft Co. ("Stewart"), 5600 W 12th, Chicago, Ill.
Metals Production Equipment Co., Springfield, Mass.
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.
U. S. Gas Furnace Co., 46 Clifford, Providence, R. I.

5078—Furnaces (Gas Generator)

Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

5079—Furnaces (Gas Soldering)

American Meter Co., 3112 N 17th, Phila, Pa.
American Stove Co. ("Quickmeal"), St. Louis, Mo.
BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Bernz Otto, 17-37 Ashland av, Newark, N. J.
Bickelhaupt Geo. Skylight Works, 722 11th av, New York
Burgess Soldering Furnace Co. ("Gem"), Columbus, O.
Chicago Hardware Foundry Co. ("Turnlow"), 544 W Washington, N. Chicago, Ill.
Crane Wm. M. Co. ("Vulcan"), 16 W 32d, New York
Diener Geo. W. Mfg. Co. (Automatic), 400 Monticello av, Chicago, Ill.
See adv index at end of book
Eclipse Fuel Engineering Co. ("Eclipse"), 100 Forbes, Rockford, Ill.
GILBERT & BARKER MFG. CO. ("Gilbert & Barker"), Springfield, Mass.
See adv index at end of book
Hones Charles A. (Buzzer), 94 Noble, Brooklyn, N. Y.
Odin Stove Mfg. Co. ("Odin"), Erie, Pa.
Penna. Furnace & Stove Co. ("Penna."), Warren, Pa.
Warren Mach. Products Co. ("Superior"), Warren, Pa.
Yost G. M. Mfg. Co. ("Yost" Improved Superior), Meadville, Pa.

5080—Furnaces (Gasoline Blast)

American Stove Co. ("Reliable," "Quick Meal"), St. Louis, Mo.
Ashton Mfg. Co., 184 Emmet, Newark, N.J.
Bernz Otto ("Always Reliable"), 17-37 Ashland, Newark, N. J.
Best Light Co., 477 Second N E, Canton, O.
Clayton & Lambert Mfg. Co. (Also Kerosene), 205 Piquette av, E Detroit, Mich.
Diener Geo. W. Mfg. Co. ("Torrid"), 400 Monticello av, Chicago, Ill.
See adv index at end of book
Double Blast Mfg. Co. ("Lundy" Double Blast), N Chicago, Ill.
Garrison Brass & Machine Works, 107 W 13th, New York
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Merchant & Evans Co., 2035 Washington av, Phila., Pa.
See adv index at end of book
Sun Vapor & Gas Street Light Co., Canton, O.
Turner Brass Works ("Bonanza"), Sycamore, Ill.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Wolff L. Mfg. Co. ("Duro"), 111 N Dearborn, Chicago, Ill.

5081—Furnaces (Glass Mfrs.')

Amsler Walter O., Wabash bldg, Pittsburgh, Pa.
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
Laclede-Christy Clay Products Co., Manchester & Sulphur avs, St. Louis, Mo.
Miller W. R. Co., House bldg, Pittsburgh, Pa.

Furnaces (Gold & Silver Melting)

See Furnaces, Assayers' & Bullion

5081a—Furnaces (Gun Barrel Heating)

Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5081b—Furnaces (Gun Shrinking)

Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

Furnaces (Hardening)

See Furnaces, Annealing & Case Hardening

5082—*Furnaces (Heat Treating)

American Incandescent Heat Co., Inc., 10 Post Office sq, Boston, Mass.
GILBERT & BARKER MFG. CO. ("Gilbert & Barker"), Springfield, Mass.
See adv index at end of book

We build every type of Furnace for Heat Treating, Annealing, Case Hardening or Forging using all types of fuel.
MACLEOD CO., 2227 Bogen St., Cincinnati, O.

ROCKWELL W. S. CO., 50 Church, New York. *See adv index at end of book*
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5082a—*Furnaces (Heat Treating Shells)

Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5083— Furnaces (Heating)

Best W. N., Inc. ("Colorex"), 11 B'way, New York
Buckeye Furnace Co., 1635 E 55th, Cleveland, O.
Burns Hydro Carbon Burner Co., Fort Plain, N. Y.
Caloric Pipeless Furnace Co., 1531 Locust, Phila., Pa.
Flinn & Dreffein Co., 431 S Dearborn, Chicago, Ill.
GILBERT & BARKER MFG. CO. ("Gilbert & Barker"), Springfield, Mass.
See adv index at end of book
Hauck Mfg. Co., 110 11th, Brooklyn, N. Y.
Jones System Heating & Ventilating Co., Phelan bldg, San Francisco, Cal.
Lindsay W. W. & Co., Harrison bldg, Phila., Pa.
McClure G. W. Son & Co., Bessemer bldg, Pittsburgh, Pa.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Metals Production Equipment Co. (Treating Heat), Springfield, Mass.
Miller W. R. Co., House bldg, Pittsburgh, Pa.
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Morgan Construction Co. (Continuous), Worcester, Mass.
Rhodes Mfg. Co., Lane av & Sibley, Grand Rapids, Mich.
ROCKWELL W. S. & CO. (Bolt, Chain, Plate, Rivet, etc.), 50 Church, New York *See adv index at end of book*
Smythe S. R. Co., House bldg, Pittsburgh, Pa.
Strong, Carlisle & Hammond Co. ("Frankfort"), 336-344 Frankfort av, N W, Cleveland, O.
Swindell Wm. & Bros., Jenkins Arcade bldg, Pittsburgh, Pa.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.
Tomkins Alfred Co., House bldg., Pittsburgh, Pa.
Turner, Vaughn & Taylor Co., Cuyahoga Falls, O. *See adv index at end of book*
Wellman-Seaver-Morgan Co. (Continuous), Cleveland, O.
Williams, White & Co., Moline, Ill.

5084—Furnaces (High Speed Steel)

American Gas Furnace Co. (Gas), 24 John, New York
Bellevue Furnace Co. (Fuel Oil Burning Muffle), 703 Bellevue av, Detroit, Mich.
Best W. N., Inc. ("Caloren"), 11 B'way, New York

FURNACES (HIGH SPEED STEEL)—continued

Burns Hydro Carbon Burner Co., Ft. Plain, N. Y.
Chicago Flexible Shaft Co. ("Stewart," Gas or Oil Blast), 5600 W 12th, Chicago, Ill.
Crowley John A. Co., 120 Liberty, New York
Eclipse Fuel Engineering Co. ("Eclipse" Gas Fired), 100 Forbes, Rockford, Ill.
GILBERT & BARKER MFG. CO. ("Gilbert & Barker"), Springfield, Mass.
See adv index at end of book
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Rockwell W. S. Co., 50 Church, New York. *See adv index at end of book*
Strong, Carlisle & Hammond Co. ("Frankfort"), 336-344 Frankfort av, N W, Cleveland, O.
Swindell Wm. & Bros., Jenkins Arcade bldg, Pittsburgh, Pa.
Tate-Jones & Co. Empire bldg, Pittsburgh, Pa.
U. S. Gas Furnace Co., 46 Clifford, Providence, R. I.

5085— Furnaces (Hop)

Munnsville Plow Co. ("Duplex," "O. K."), Munnsville, N. Y.

5086—Furnaces (Hot Air, Gas for Fuel)

Barber Mfg. Co., Ashtabula, O.
Buffalo Co-Operative Stove Co. ("Amherst"), Buffalo, N. Y.
Century Stove & Mfg. Co. ("Century"), Johnstown, Pa.
Hughes E. F. ("Perfection"), Titusville, Pa.
International Heater Co., Utica, N. Y.
Mellott Furnace Co., 955 Liberty av, Pittsburgh, Pa.
Pennsylvania Furnace & Stove Co., ("Penna"), Warren, Pa.
Scientific Heater Co., 1065 E 152nd, Cleveland, O.

5087—Furnaces (Hot Air, Mfrs.)

CALIFORNIA.

LOS ANGELES—Phillips Heating, Vent & Mfg. Co. ("Browne")
SAN FRANCISCO—Mission Fdry & Stove Wks Treat av & 19th
Montague Range & Furnace Co., 826 Mission
Steiger & Kerr Stove & Foundry Co., Folsom & 18th

CONNECTICUT.

BRIDGEPORT—Green M. A. & Co. ("Culver" Tubular)
BRISTOL—Turner Heater Co.
NORWICH — Richmond Radiator Co. ("Richmond"), Main Office, New York
PUTNAM—Putnam Foundry & Machine Co.
STAMFORD—Stamford Foundry Co.

ILLINOIS.

BELLEVILLE—Oakland Foundry Co. ("Z-Ro")
BLOOMINGTON—American Fdry & Furnace Co.
MaGirl P. H.
CHICAGO—Co-Operative Foundry Co., 505 S Clinton
Chicago Down Draft Furnace Co., 115-117 S Clinton
Excelsior Steel Furnace Co., 118 S Clinton
Hamilton Alfred O., 820 E 43d
Hess Warming & Ventilating Co. ("Hess"), 1211 S Western av
McMillan Jas & Co., 114 Clarkson ct
Olson A. J. & Co., 217 W Lake
Quaker Mfg. Co. ("Quaker" Steel), 180 N Dearborn
Reynolds B. F. & Co., 414 N Dearborn av
Robinson Furnace Co., ("Gem"), 205 W Lake
Servoss Furnace Co., 303 N Michigan av
Water Arch Furnace Co., 38 S Dearborn
DANVILLE—Koons Wm. U.
GALENA—Westwick John & Son
JOLIET—Moore Bros. Co. ("Moore's")
MOLINE—Tyrell B. B.
MONMOUTH—Maple City Foundry & Furnace Co.
ORLAND—
PEORIA—Meyer Furnace Co.
QUINCY—Excelsior Stove & Mfg. Co. ("National")
Gem City Stove Mfg. Co. ("German")

INDIANA.

HUNTINGTON—Majestic Co. ("Majestic" Pipe & Pipeless)
INDIANAPOLIS—Hawkins Rollyn
Kruse & Dewenter, 427 E Washington
Rybolt Heating Co., 632 Mass. av
Thiele L. C. Co.
Troy Bros.
KOKOMO—Globe Stove & Range Co. ("Globe")

IOWA.

CEDAR RAPIDS—Cedar Rapids Foundry & Machine Co.
COUNCIL BLUFFS—Sprague Foundry & Mfg. Co. ("Crater," "Sprague" Underfeed)
DES MOINES—Campbell Heating Co.
Green Foundry & Furnace Works
Keith Furnace Co.
MARSHALLTOWN—Imperial Furnace Co.
La Plant Co.
Lennox Furnace Co. (Hard & Soft Coal & Wood, "Lennox," "Torrid Zone," "Hermetic")
OSKALOOSA—Interstate Mfg. Co. ("Marvel")
WATERLOO—Bovee Furnace Works (Bovee Furnace Works ("Bovee," Compound Radiator Furnace
Gibson Mfg Co., 415 Niles
Waterloo Register Co. ("Carter's")

KENTUCKY.

LOUISVILLE—Stratton & Terstegge Co., 15th & Main

MAINE.

BANGOR—Wood & Bishop Co.
PORTLAND—Portland Stove Foundry Co.

MARYLAND.

BALTIMORE — Bartlett Hayward Co. ("Standard," "Gem," "Reliable," "National"), Scott & McHenry
Bibb B. C. Stove Co., 107 Light

MASSACHUSETTS.

BOSTON—Carpenter Cyrus & Co., 177 Massachussetts av
Chubbuck Furnace Co., 1892 Washington
Clark Henry N. Co., 56 Union
Hertig Furnace Co. ("Kohler"), 1342 Columbus av
Howes S. M. Co., 42 Union
Magee Furnace Co., 38 Union
Ridgway Furnace Co., 80 Beverly
Rodday Robt. J. Co., 138 Harrison av
Walker Furnace Builders, 155 Milk
Walker & Pratt Mfg. Co. ("Crawford"), 31 Union
MANSFIELD—Chilson Furnace Co.
METHUSEN—Sanborn Furnace Co.
OAKHAM—Dean Walter R.
WATERTOWN—Walker & Pratt Mfg. Co.
WESTFIELD—Brien Heater Co. ("Brien" & "Waldron")
WINCHENDON—Hill & Bosley

MICHIGAN.

BAY CITY—Garland M. Co.
DETROIT—Detroit Stove Works
Hare A. A., 300 Woodward av
Ideal Furnace Co., 88 Jefferson av
Michigan Stove Co. ("Garland")
Peninsular Stove Co.
Smith Peter Heater Co.
HOLLAND—Holland Furnace Co.
KALAMAZOO—Kalamazoo Stove Co.
MARSHALL—Marshall Furnace Co.
Simons-Leedle Co. ("Dobbins" Tubular)
MONROE—Monroe Foundry & Furnace Co. ("Floral City")
NORTHVILLE—American Bell & Foundry Co.
PETOSKEY—Burnett Foundry & Machine Works (Ltd.)

MINNESOTA.

MINNEAPOLIS—Andrews Heating Co. ("Andrews")
Roberts-Hamilton Co. ("Storm King"), 413 S 4th
NORTHFIELD—Northfield Furnace Co. (Robaco)
ST. PAUL—Prendergast Bros., 20 E 6th

MISSOURI.

KANSAS CITY—Kansas City Furnace Co. ("Ideal"), 2429 Independence av
Prest Heating & Foundry Co.
ST. LOUIS—American Furnace Co., 2725 Morgan
Brinkmann J. H. & Sons, 1913 Olive
Dooly Jno. E. Hardware Co., 1041 N. Vandeventer av
Haynes-Langenberg Mfg. Co. ("Front Ranks" Steel), 4045 Forest Park blvd
Tipton & Mackey Mfg. Co., 4948 Eason av
Wrought Iron Range Co., 5661 Natural Bridge rd
Zellweger J. & Sons ("Multi-Plate")

NEBRASKA.

OMAHA—Standard Furnace & Supply Co. ("Nesbit")

NEW JERSEY.

JERSEY CITY—Boynton Furnace Co., Pacific av
Colby E. B. & Co. ("Cable"), Hoboken av
NEWARK—Thatcher Furnace Co., 36 St. Francis
TRENTON—Mott J. L. Iron Works

NEW YORK.

BUFFALO—Buffalo Co-operative Stove Co. ("Amherst")
CORNING—Corning Mfg. Co. ("The Victor")
Hood Furnace & Supply Co. ("Our Home," "New Home," "Cottage Home," "Cheerful Home")
GENEVA—Summit Foundry Co.
NEW YORK—Boynton Furnace Co., 106 W 37th
Graff Furnace Co. ("Faultless"), 105 E 29th
Harvey Furnace Co., 337 W 38th
Janes & Kirtland, 133 W 44th
Nugent Thos., 223 E 80th
Richardson & Boynton Co., 31 W 31st
Thatcher Furnace Co., 135 W 35th
Union Stove Works ("Astor" "Storm King"), 70 Beekman
Wear John B. & Son, 206 E 29th
NIAGARA FALLS—Niagara Falls Furnace Co. ("Fremont")
PEEKSKILL—Union Stove Works
ROCHESTER—Co-Operative Foundry Co. ("Ajax")
Enterprise Foundry Co. ("Ariel")
Galusha Stove Co. ("Norman Phoenix")
Sill Stove Works ("Sterling")
SYRACUSE—Kelsey Heating Co. ("Kelsey")
Syracuse Stove Wks
TROY—Burdett, Smith & Co.
Fuller & Warren Co.
Henderson Frank
UTICA—Giblin & Co. ("Standard")
Hart & Crouse Co.
International Heater Co. ("International," "Economy," "Howard," "Kerman," "Palace King" & "Palace Queen," "International Carton," "International Duke," "International Earl," "International Baronet," "International Princess," "International Count," "International Steel Furnace"; also "International One-Pipe" Heater)
Utica Heater Co.

OHIO.

AKRON—Jahant Foundry & Heating Co.
May-Fiebeger Co. ("Ath—A—Nor," "Akron," "Solid-Comfort")
Taplin-Rice-Clerkin Co. ("Climax")
XXth Century Heating & Ventilating Co. (Pipeless "XXth Century")
Wise Furnace Co. ("Wise")
ASHTABULA—Barber Mfg. Co. ("Buckeye," "Challenge," "Ideal")
BUTLER—Switzer C. M.
CADIZ—Gammeter W. F. ("Reflex")
CANTON—Yost Furnace Co.
CINCINNATI—Grossius John Furnace Co., 318 E 8th
Hammond Heating Co., 130 E Pearl
Miller Wm. Range & Furnace Co., 7th & B'way
Monitor Furnace Co. (Heating & Ventilating), C. H. & D. R. R., nr. Gest
Rybolt Heating Co., 309 E 5th
Williamson Heater Co. ("Peck-Hammond"), 339 W 5th
CLEVELAND — Bennett Furnace Co. ("Cleveland," "Euclid," "Ohio"), 6531 Euclid av
Forest City Foundry & Mfg. Co. ("Monarch," "Niagara," "Imperial," "Pyramid"), 2202 Elm av
Henry Miller Foundry Co., 825 Long av
Interstate Heater Co., 403 Long av
Mannen John E. Co. ("Manest" Combination Coal & Gas), 2247 St. Clair
Scheible-Moncrief Heater Co., 1444 W 9th, Cleveland, O.
Smith W. A. & Co., 625 Champlain
COLUMBUS—Columbus Heating & Ventilating Co. ("Columbia," "U. S.," "Ohio," Coal or Gas, for Schools, Churches, etc)
Ideal Heating Co., 16 E First av
CRESTLINE—Schill Bros. Co.
DAYTON—Buckeye Steel Furnace Co. (Steel)
Gem City Stove Co. ("Clermont")
National Furnace Co. ("National Hustler," "National Star")
DOVER—Myers Bros. ("Mybo")
ELYRIA—Fox Furnace Co.
HAMILTON—Estate Stove Co.
MARTINS FERRY—Stanton Heater Co. ("Stanton" Seamless)
MASSILLON—Hess-Snyder Co. ("Boomer")
NEWARK—Simpson Fdry Co.
RAVENNA—Ravenna Furnace & Heating Co.
SPRINGFIELD—Patric Furnace Co.
Progress Furnace Co.
TOLEDO—Curran & Firth
WILMINGTON—Farquhar Furnace Co. ("Farquhar")
YOUNGSTOWN—Mahoning Foundry Co.
Youngstown Furnace Co. ("Lion" Combination, "Apex" Bessemer)

OREGON.

PORTLAND—McPherson W. G. Co. ("Perfect")

PENNSYLVANIA.

BRISTOL—Harkins T. B. Foundry Co.
COLUMBIA—Keeley Stove Co. ("Columbian")
CONNELLSVILLE—Munson Heater Co., (Ltd.)
DANVILLE—Danville Stove & Mfg. Co. ("Beaver")
ERIE—Germer Stove Co.
Krack Gust & Son
Patterson & Stirling
LEHIGHTON—Lehigh Stove & Mfg. Co.
PHILADELPHIA—Berger L. D. Co., 59 N 2d
Cox Abram Stove Co., cor American & Dauphin
Liberty Stove Co., 308 Chestnut
Makin Heating Co., 1827 Filbert
Mershon Patent Shaking Grate Works, 147 N 3d
Philadelphia Stove & Iron Fdry Co., 1631 N 5th
Reynolds J & Son, 1613 Filbert
Sheppard Isaac A. Co. ("Paragon," "Excelsior"), Erie av & Sepviva
Spear Jas. Stove & Heating Co., 1823 Market
Thomas Roberts Stevenson & Co. ("Fortune," "Active Specialty," "Forbes"), American & Dauphin
Tubular Heating & Ventilating Co. ("Forbes"), 232 Quarry
PITTSBURGH — Rust Engineering Co., Farmers Bk. bldg
Stove & Range Co. of Pittsburgh, Preble av, nr Superior bridge
POTTSTOWN — March-Brownback Stove Co. ("Crown")
POTTSVILLE—Pottsville Foundry & Stove Co. ("Derr")
QUAKERTOWN—Quakertown Stove Wks
READING—Geissler Bros.
Mount Penn Stove Works
Reading Stove Works ("Othello," "Sunshine")
ROYERSFORD — Buckwalter Stove Co. ("Eclipse")
Floyd-Wells Co. ("Bengal," "Tiger")
SPRING CITY—Keystone Stove Foundry
TITUSVILLE—Hughes E. F.
WARREN—Penna. Furnace & Stove Co. ("Penna" Gas for Fuel)

RHODE ISLAND.

PROVIDENCE—Barstow Stove Co., 116 Point

TEXAS.

SCHULENBURG—Ruhmann G. E. (Steel)

WASHINGTON.

TACOMA—Case Furnace Co.

WISCONSIN.

MILWAUKEE—Fuller-Warren Co. ("Stewart"), 32d c Wright
Mueller L. J. Furnace Co. ("Mueller")
Schwab R. J. & Sons Co. ("Gilt Edge Radium"), 283 Clinton
NEENAH—Bergstrom Stove Co.

5087a—*Furnaces (Japanning)

Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

5088— Furnaces (Jewelers')

BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Keller A. E., 136 Beekman, New York
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.
U. S. Gas Furnace Co. (Gas Blast), 46 Clifford, Providence, R. I.
Westmacott Gas Furnace Co. (Gas Blast), 159 Orange, Providence, R. I.
Worthington & Raymond (Jobbers), 71 Murray, New York

5089— Furnaces (Kerosene)

Ashton Mfg. Co. (Blast), 184 Emmet, Newark, N. J.
Barnes Tool Co. ("Archambault"), New Haven, Conn.
Bernz Otto ("Always Reliable"), 17-37 Ashland, Newark, N. J.
Clayton & Lambert Mfg. Co., 205 Piquette av, E, Detroit, Mich.
Globe Gas Light Co. ("Barthel," Soldering & Babbitt), 25 Union, Boston, Mass.
Hauck Mfg Co., 101 11th, Brooklyn, N. Y.
Otto William H., Metal Goods Corp., ("Kholal"), 401 St. Paul's av, Jersey City, N. J.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Turner Brass Works (Blast), Sycamore, Ill.

5090—Furnaces (Lead for Galvanizing Wire)

Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Turner, Vaughn & Taylor Co. (Annealing), Cuyahoga Falls, O.
See adv index at end of book

5091—Furnaces (Lead Melting)

Biehl Iron Works, Inc. (Portable), Reading, Pa.
Buckeye Products Co., 919-929 W 5th, Cincinnati, O. *See adv index at end of book*
Focht Geo. Sons (Pipe Line), 117-119 Adams, Hoboken, N. J.
See adv index at end of book
Leadite Co. (Gasoline), Land Title bldg, Phila., Pa.
Littleford Bros., 444 E Pearl, Cincinnati, O.
Loetzer Valve & Mfg. Co. (Furnace & Lead Pot Mounted on Wheels), Monroeton, Pa.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
PENN FOUNDRY & MFG. CO., Reading, Pa. *See adv index at end of book*
Phillips, Doup & Co. ("National"), 60 Pearl, Brooklyn, N. Y.
Pollard Jos. G., 141 Raymond, Brooklyn, N. Y.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Smith A. P. Mfg. Co. ("Economic," "O'Brien"), East Orange, N. J.
Sperry D. R. & Co. (Salamander Type), Batavia, Ill.
Strong, Carlisle & Hammond Co. ("Frankfort"), 336-344 Frankfort av, N W, Cleveland, O.
Steubner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.
Union Iron Works, Hoboken, N. J.

5092—*Furnaces (Lead Tempering)

BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
GILBERT & BARKER MFG. CO. ("Gilbert & Barker"), Springfield, Mass.
See adv index at end of book
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Metals Production Equipment Co., Springfield, Mass.
ROCKWELL W. S. CO., 50 Church, New York. *See adv index at end of book*
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5093—*Furnaces (Liquid Boiling)

BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

5094—Furnaces (Liquid Fuel)

Best W. N. Inc. ("Calorex"), 11 B'way, New York
Braun Corporation ("Braun," for Assayers, Mining), Los Angeles, Cal.
Buckeye Products Co., 919-929 W 5th, Cincinnati, O.
See adv index at end of book
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5095— Furnaces (Locomotive)

American Arch Co. ("Gaines" Combustive Combination Chambers), 30 Church, New York

5096—*Furnaces (Magnet Heating)

Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

5097—Furnaces (Malleable Annealing & Melting)

Amsler Walter O., Wabash bldg, Pittsburgh, Pa.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago

5098— Furnaces (Melting)

See also Furnaces, Brass & Copper Melting; also Furnaces, Crucible
American Equipment Co., Norristown, Pa.
American Gas Furnace Co., 24 John, New York
American Shop Equipment Co. ("American" Oil or Gas for Fuel), McCormick bldg, Chicago, Ill.
BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Best W. N. Inc. ("Calorex"), 11 B'way, New York
Buckeye Products Co., 919-929 W 5th, Cincinnati, O.
See adv index at end of book
Burns Hydro Carbon Burner Co., Ft. Plain, N. Y.
Chicago Flexible Shaft Co. ("Stewart," for Soft Metal, etc.), 5600 W 12th, Chicago, Ill.
Dopp J. W. & Co. (Crucible & Non Crucible, Dealers), 1420 Dime Bk. bldg, Detroit, Mich.
Eclipse Fuel Engineering Co. ("Eclipse" Gas Fired), 100 Forbes, Rockford, Ill.
Fisher Alfred, 1453 Austin av, Chicago, Ill.
Flinn & Dreffein Co. (Gas & Oil), 431 S Dearborn, Chicago, Ill.
Foundry Equipment Co., Buffalo, N. Y.
GILBERT & BARKER MFG. CO. ("Gilbert & Barker"), Springfield, Mass.
See adv index at end of book
Hauck Mfg. Co., 101 11th, Brooklyn, N. Y.
Hausfeld Co., Harrison, O.
Holcroft & Lane Co., 58 Lafayette Blvd, Detroit, Mich.
Improved Appliance Co., 452 Kent av, Brooklyn, N. Y.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book
Koven L. O. & Bro. (Portable), 154 Ogden av, Jersey City, N. J.
See adv index at end of book
LEAVITT C. W. & CO. ("Girod" Electric), 34 Church, New York
See adv index at end of book

We have a new type of melting furnace where the flame does not come in contact with the metal being melted.

MACLEOD CO., 2227 Bogen St., Cincinnati, O.

Monarch Engineering & Mfg. Co. ("Monarch," "Rockwell," "Steele-Harvey" Tilting), American bldg, Baltimore, Md.
Pittsburgh Electric Furnace Co. (Aluminum, Brass & Copper), Vanadium bldg, Pittsburgh, Pa.
ROCKWELL W. S. CO. (Brass & Copper Tube), 50 Church, New York
See adv index at end of book
Rowell Mfg. Co., Appleton, Wis.
Sperry D. R. & Co. (For Soft Metals), North Batavia, Ill.
Strong, Carlisle & Hammond Co. ("Frankfort"), 336-344 Frankfort av, N W, Cleveland, O.
Stroud E. H. & Co., 928-934 Fullerton av, Chicago, Ill.
Swindell Wm. & Bro. (Malleable & Foundry), Jenkins Arcade bldg, Pittsburgh, Pa.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.
Tompkins Alfred Co., House bldg, Pittsburgh, Pa.
Wellman-Seaver-Morgan Co. ("Wellman," Rolling & Stationary), Cleveland, O.

5099—Furnaces (Muffler & Oven)

Amsler Walter O., Pittsburgh, Pa.
BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Bellevue Furnace Co. (Fuel Oil Burning for High Speed Steel) 703 Bellevue, Detroit, Mich.
Chicago Flexible Shaft Co. "Stewart" Gas or Oil Blast), 5600 W 12th, Chicago, Ill.
Eclipse Fuel Engineering Co. ("Eclipse" Gas Fired), 100 Forbes, Rockford, Ill.
Macleod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Metals Production Equipment Co., Springfield, Mass.
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5100—Furnaces (Muffling & Charcoal Sinking)

Mackenzie's Duncan Sons Co., Trenton, N. J.

5100a—*Furnaces (Non-Crucible)

BUCKEYE PRODUCTS CO., 919-929 W 5th, Cincinnati, O.
See adv index at end of book

5101— *Furnaces (Oil Blast)

Hausfeld Co., Harrison, O.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

5101a—*Furnaces (Oil Burning)

See also Furnaces, Fuel Oil Burning

Hammel Oil Burning Equipment Co., Inc., 409 Pine, Providence, R. I.
Hausfeld Co., Harrison, O.
ROCKWELL W. S. CO. (For Melting, Annealing, Crucible, etc.), 50 Church, New York *See adv index at end of book*

5102—Furnaces (Oil Tempering)

American Shop Equipment Co. ("American," Oil or Gas for Fuel), McCormick bldg, Chicago, Ill.
BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Bellevue Furnace Co., 703 Bellevue av, Detroit, Mich.
Burns Hydro Carbon Burner Co., Fort Plain, N. Y.
Chicago Flexible Shaft Co. ("Stewart" Gas or Oil Blast), 5600 W 12th, Chicago, Ill.
Eclipse Fuel Engineering Co. ("Eclipse" Gas Fired), 100 Forbes, Rockford, Ill.
Flinn & Dreffein Co., 431 S Dearborn, Chicago, Ill.
MACLEOD CO., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Metals Production Equipment Co., Springfield, Mass.
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
ROCKWELL W. S. CO., 50 Church, New York *See adv index at end of book*
Strong, Carlisle & Hammond Co. ("Frankfort"), 336-344 Frankfort av, N W, Cleveland, O.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5103—Furnaces (Open Hearth)

Amsler Walter O., Wabash bldg, Pittsburgh, Pa.
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Blaw Knox Co., Farmers' Bank bldg, Pittsburgh, Pa.
Efficient Contractors, Inc., Perth Amboy, N. J.
Laughlin Alex. & Co. (Continuous Heating), Pittsburgh, Pa.
Lindsay W. W. & Co., Harrison bldg, Phila., Pa.
McClure G. W. Son & Co., Bessemer bldg, Pittsburgh, Pa.
McLain-Caster Furnace Co., Goldsmith bldg., Milwaukee, Wis.
Miller W. R. Co., House bldg, Pittsburgh, Pa.
Pennsylvania Engineering Works, New Castle, Pa.
Petroleum Iron Works Co., Sharon, Pa.
Smythe S. R. Co., House bldg, Pittsburgh, Pa.
Swindell Wm. & Bros., Jenkins Arcade bldg, Pittsburgh, Pa.
Tomkins Alfred Co., House bldg, Pittsburgh, Pa.
Wellmann-Seaver-Morgan Co. ("Wellman" Rolling & Stationary), Cleveland, O.

5104— Furnaces (Pipe Mill)

Smythe S. R. Co., House bldg, Pittsburgh, Pa.

5105—*Furnaces (Plate Heating)

MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
ROCKWELL W. S. CO., 50 Church New York *See adv index at end of book*
Tomkins Alford Co., House bldg, Pittsburgh, Pa.

5106—Furnaces (Powdered Coal)

Metals Production Equipment Co., Springfield, Mass.
Stroud E. H. & Co., 928-934 Fullerton av, Chicago, Ill.

5107—Furnaces (Producer Gas)

See also Gas Producers
Amsler Walter O., Wabash bldg, Pittsburgh Pa.
Atlas Engineering Co., Amherst, O.
See adv index at end of book
Flinn & Dreffein Co., 431 S Dearborn, Chicago, Ill.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Morgan Construction Co., Worcester, Mass.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5108—Furnaces (Rectangular Copper)

KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book

5109—Furnaces (Refining & Reducing)

Hausfeld Co., Harrison, O.
LEAVITT C. W. & CO. ("Girod," Electric), 34 Church, New York
See adv index at end of book
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Pittsburgh Electric Furnace Co., Vanadium bldg, Pittsburgh, Pa.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Strong, Carlisle & Hammond Co. ("Frankfort"), 336 Frankfort av, N W, Cleveland, O.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.
Wile Electric Furnace Co., Jenkins Arcade, Pittsburgh, Pa.

5110—Furnaces (Regenerative Gas)

Amsler Walter O., Wabash bldg, Pittsburgh, Pa.
Atlas Engineering Co., Amherst, O.
See adv index at end of book
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Morgan Construction Co., Worcester, Mass.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Swindell Wm. A. Bro., Jenkins Arcade bldg, Pittsburgh, Pa.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5111— Furnaces (Re-Heating)

Amsler Walter O., Wabash bldg, Pittsburgh, Pa.
Atlas Engineering Co., Amherst, O.
See adv index at end of book
Best W. N., Inc. ("Calorex"), 11 B'way, New York
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Monarch Enginering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Morgan Construction Co., Worcester, Mass.

ROCKWELL W. S. CO., 50 Church, New York. *See adv index at end of book*
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.
Wellman-Seaver-Morgan Co., Cleveland, O.

5112—Furnaces (Reverberatory)

KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York *See adv index at end of book*
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*

5112a—*Furnaces (Revolving, Annealing & Hardening)

ROCKWELL W. S. & CO., 50 Church, New York *See adv index at end of book*

5113—Furnaces (Revolving Forge)

Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Pawtucket Mfg. Co., Pawtucket, R. I.
ROCKWELL W. S. CO. (Annealing for Oil, Coal or Gas), 50 Church, New York *See adv index at end of book*
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5114—Furnaces (Rivet Heating)

American Equipment Co., Norristown, Pa.
American Shop Equipment Co. ("American" Oil or Gas for Fuel), McCormick bldg, Chicago, Ill.
BEACH-RUSS CO. (Oil or Gas), 220 B'way, New York *See adv index at end of book*
Bellevue Furnace Co., 703 Bellevue av, Detroit, Mich.
Best W. N. ("Calorex"), 11 B'way, New York
Burns Hydro Carbon Burner Co., Fort Plain, N. Y.
Chicago Flexible Shaft Co. ("Stewart" Gas or Oil Blast), 5600 W 12th, Chicago, Ill.
Eclipse Fuel Engineering Co. ("Eclipse" Gas Fired), 100 Forbes, Rockford, Ill.
GILBERT & BARKER MFG. CO. ("Gilbert & Barker"), Springfield, Mass. *See adv index at end of book*
Improved Appliance Co., 455 Kent av, Brooklyn, N. Y.
Koven L. O. & Bro. (Oil or Gas), 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch" & "Rockwell"), American bldg, Baltimore, Md.
Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*
Strong, Carlisle & Hammond Co. ("Frankfort"), 336-344 Frankfort av, N W, Cleveland, O.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5114a—*Furnaces (Rivet, Tire, Etc.)

ROCKWELL W. S. CO., 50 Church, New York *See adv index at end of book*

5115— Furnaces (Rocker)

Southern Plow Co. (Portable with Evaporator Pan), Columbus, Ga.

5116—Furnaces (Roll Tempering)

Metals Production Equipment Co., Springfield, Mass.
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex," "Monarch-Rockwell"), American bldg, Baltimore, Md.
Railway Materials Co. ("The Ferguson," Oil as Fuel), Railway Exchange bldg, Chicago, Ill.
Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*

5117—*Furnaces (Rotary, Kiln, Automatic)

Schaffer Engineering & Equipment Co., Tiffin, O. *See adv index at end of book*

Furnaces (Salamander)

See Salamanders

5118—*Furnaces (Saw Hardening)

Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*

Furnaces (Scrap Melting)

See Furnaces, Steel Melting

5119-20—Furnaces (Sheradizing)

New Haven Sheradizing Co., New Haven, Conn.

5121— Furnaces (Sintering)

American Grondal Co., 120 B'way, New York

5122—Furnaces (Smelting, Roasting, Calcining, Etc.)

ALLIS-CHALMERS MFG. CO. ("McDougal," Roasting, etc.), Milwaukee, Wis. *See adv index at end of book*
Arizona & Sonora Mfg. Co. (Wood Fuel), Nogales, Ariz.
Atlas Engineering Co., Amherst, O. *See adv index at end of book*
Braun Corporation, Los Angeles, Cal.
Breuer C. R. Metal Refining, 1312 Dayton, Cincinnati, O.
Colorado Iron Works Co., Denver, Colo.
Denver Engineering Works Co., Denver, Colo.
General Chemical Co. ("Herreshoff" Roasting Furnace for De-sulphurizing Ores), 25 Broad, New York
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
KENNEDY VAN SAUN MFG. & ENG. CORP. ("Bruckner" Batch Roasting, etc.), 120 Broadway, New York *See adv index at end of book*
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Love Bros. Inc. (Roasting), Aurora, Ill.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Mecklenburg Iron Works, Charlotte, N. C.
Mine & Smelter Supply Co. (No Calcining Furnace), 42 B'way, New York
Moore Bros. Co., Elizabeth, N. J.
Nichols Copper Co. ("Herreshoff" Roasting), 25 Broad, New York
Partridge Smelter Co. (Copper Smelters, etc), Denver, Colo.
Penn Fdy & Mfg. Co. ("O'Brien" Ore Roasting), Reading, Pa. *See adv index at end of book*
Pittsburgh Electric Furnace Co. (Smelting), Vanadium bldg, Pittsburgh, Pa.
Reeves Bros. Co. (Roasting, Calcining, etc.), Alliance, O.
Stroud E. H. & Co., 928-934 Fullerton av, Chicago, Ill.
Traylor Engineering & Mfg. Co., Allentown, Pa.
TREADWELL CONSTRUCTION CO. (Roasting, Calcining, etc.), Midland, Pa. *See adv index at end of book*
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
Walker Mfg. Co. (De Sulphurizing Ores), Denver, Colo.
Wedge Mechanical Furnace Co., Greenwich Point, Phila., Pa.

5123— Furnaces (Smokeless)

See also Mechanical Stokers

Brightman Furnace Co., Cleveland, O.
Burke Furnace Co., 223 W Austin av, Chicago, Ill.
Climax Smoke Preventer Co., 261 Franklin, Boston, Mass.
Hawley Down Draft Furnace Co., Easton, Pa.
Herbert Boiler Co., 140 Root, Chicago, Ill.
Illinois Stoker Co., Alton, Ill.
Jarvis Engineering Co., 261 Franklin, Boston, Mass.
McMillan James & Co., 114 Clarkson, Chicago, Ill.
Murphy Iron Works ("Murphy" Automatic), Detroit, Mich.
O'Brien John Boiler Works Co. ("O'Brien-Hawley" Down-Draft), St. Louis, Mo.
Power Specialty Co. ("Kent"), 111 B'way, New York
Quinn & Co. ("Quinn" Flat Top), 222 E 9th, Cincinnati, O.
Riley Sanford Stoker Co., Worcester, Mass.
Thacher Geo. H. & Co. ("Albany" Mechanical Smokeless Furnace), Albany, N. Y.

Furnaces (Soldering)

See Furnaces, Gas Soldering; Furnaces; Gasoline Blast; also Furnaces, Kerosene; also Heaters, Soldering Iron

5123a—*Furnaces (Spring Fitting)

ROCKWELL W. S. CO., 50 Church, New York *See adv index at end of book*

5123b—*Furnaces (Steel Annealing)

See also Furnaces, Annealing & Case Hardening

ROCKWELL W. S. CO., 50 Church, New York *See adv index at end of book*

5124—*Furnaces (Steel Melting)

LEAVITT C. W. & CO. ("Girod," Electric), 34 Church, New York *See adv index at end of book*
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*

5125—*Furnaces (Stoker Fired)

Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*

5126— Furnaces (Sulphur)

Bethlehem Foundry & Machine Co., South Bethlehem, Pa.
Schutte & Koerting Co. (Beet Sugar or Glue, Sulphuric Acid, etc.), 1251 N 12th, Phila., Pa.

5126a—Furnaces (Tempering)

See also Furnaces, Annealing & Case Hardening

ROCKWELL W. S. CO., 50 Church, New York *See adv index at end of book*

5127— Furnaces (Tinning)

Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex," "Monarch-Rockwell"), American bldg, Baltimore, Md.
Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.
Turner, Vaughn & Taylor, Cuyahoga Falls, (Wire Mill), Ohio *See adv index at end of book*

5128—Furnaces (Tire Heating)

American Gas Furnace Co., 24 John, New York
Best W. N. Inc. ("Calorex"), 11 B'way, New York
Defiance Machine Works, Defiance, O.
Hauck Mfg. Co., 100 11th, Brooklyn, New York
MacLeod Co. (Locomotive, Street RR Car & Wagon Tire), 2227 Bogen, Cincinnati, Ohio. *See adv index at end of book*
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex," "Monarch-Rockwell"), American bldg, Baltimore, Md.
Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.
Union Machine Co., 183 University av, St. Paul, Minn.
Williams, White Co, Moline, Ill.

5129—*Furnaces (Tool Dressing)

Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*

5130—*Furnaces (Tube Brazing)

MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*

5131—Furnaces (Warm Air)

See also Furnaces, Hot Air

Fuller & Warren Co., 256 Water, New York
Standard School Heater Co., 438 W Ontario, Chicago, Ill.

5132— Furnaces (Welding)

American Shop Equipment Co. ("American") Oil or Gas for Fuel), McCormick bldg, Chicago, Ill.
Amsler Walter O., Wabash bldg, Pittsburgh, Pa.
BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Best W. N. Inc. ("Calorex"), 11 B'way, New York
Blaw Knox Co., Farmers' Bank bldg, Pittsburgh, Pa.
Burns Hydro Carbon Burner Co., Fort Plain, N. Y.
Flinn & Dreffein Co. (Gas & Oil), 431 S Dearborn, Chicago, Ill.
GILBERT & BARKER MFG. CO. ("Gilbert & Barker"), Springfield, Mass.
See adv index at end of book
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex," "Monarch-Rockwell"), American bldg, Baltimore, Md.
Rockwell W. S. Co. (Flue, Tubes, etc.), 50 Church, New York
See adv index at end of book
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5133—Furnaces (Welding, Regenerative)

Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex," "Monarch-Rockwell"), American bldg, Baltimore, Md.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.

5134—Furnaces (Wire Baking & Annealing)

Best W. N. Inc. ("Calorex"), 11 B'way, New York
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Metals Production Equipment Co., Springfield, Mass.
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex," "Monarch-Rockwell"), American bldg, Baltimore, Md.
Morgan Construction Co., Worcester, Mass.
ROCKWELL W. S. CO., 50 Church, New York. *See adv index at end of book*
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.
Turner, Vaughn & Taylor Co., Cuyahoga Falls, O. *See adv index at end of book*

5135—Furnaces (Wood Burning)

See also Furnaces, Hot Air, Manufacturers

Dean Walter R., Oakham, Mass.
Hart & Crouse Co., Utica, N. Y.
International Heater Co., Utica, N. Y.
Lennox Furnace Co., Marshalltown, Ia.
Majestic Co., Huntington, Ind.
Miller Furnace Co., Grand Rapids, Mich.
Monroe Foundry & Furnace Co., Monroe, Mich.
Schill Bros. Co. (Wood or Coal), Crestline, O.
Wood & Bishop Co., Bangor, Me.

5136— Furnaces (Zinc)

KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York.
See adv index at end of book

5137— Furniture (Bamboo)

Boston Bamboo Co., 117 Portland, Boston, Mass.
Klein Bros. (Japanese) Paynstar av, Long Island City, N. Y.
Meinecke Mfg. Co., Richards, Milwaukee, Wis.
Minneapolis Bedding Co., E Henn av & S E 5th, Minneapolis, Minn.
West Branch Novelty Co., Milton, Pa.

5138— Furniture (Barbers')

Chisholm Co., 178 Centre, New York
Collins T. J. Furniture Co., Toledo, O.

5139— Furniture (Camp)

Abercrombie David T. Co., 17 Warren, New York
Bent Rung Ladder & Mfg. Co., Indiana, Pa.
Gold Medal Camp Furniture Mfg. Co. (Folding Beds, Cots, Tables, Stools, Tents, etc), Racine, Wis.
Kenyon R. S. Co., Waukesha, Wis.
Stanley Wm. W. (Canvas Cases for Outfits), 50 Church, New York

5140—Furniture (Church & Lodge)

See also Seating, Veneer

Adams & Kelly Co., Omaha, Neb
Alexander R., 197 Island av, E, Minneapolis, Minn.
Allen Blaisdell Co., 12 Pearl, Boston, Mass.
Allen Chair Co., Concord Junction, Mass.
American Sash & Door Co. (Wholesale Mfrs.), Kansas City, Mo.
American Seating Co. (Seating, etc), 14 E Jackson blvd, Chicago, Ill.
Andrews A. H. Co. (Seating, etc), 115 S Wabash av, Chicago, Ill.
Bent G. W. Co. (Cushions & Kneeling Stools), 93 Causeway, Boston, Mass.
Budde & Weis Mfg. Co., Jackson, Tenn.
Carr, Ryder & Adams Co., Dubuque, Ia.
Carter Mfg. Co., Keokuk, Ia.
Farley & Loetscher Mfg. Co. (Altars & Railings, Pulpits, Pen Bodies & Fronts), Dubuque, Ia.
Fond du Lac Church Furniture Co., Fond du Lac, Wis.
Geissler R., 56 W 8th, New York
Globe Furniture Co., Ltd., Northville, Mich.
Hackner E. Co. (Altars, Pulpits, Statuary, etc), La Crosse, Wis.
Henderson-Ames Co. (Lodge), Kalamazoo, Mich.
Huntington Seating Co., Huntington, W. Va.
Hyde-Murphy Co. (Seats, Pulpits, Pew Ends, etc), Ridgway, Pa.
Indiana Lumber & Mfg. Co., South Bend, Ind.
Kaaz Mfg. Co. (Church Only), Atchison, Kan.
Kundtz Theodor Co., Winslow & Elm, Cleveland, O.
Lamb J. & R., 25 6th av, New York
Lausberg & Macke, Louisville, Ky.
Minneapolis Office & School Furniture Co., 801 S E 8th, Minneapolis, Minn.
Mitchell Robert Furniture Co., 616 Race, Cincinnati, O.
Moore Mfg. Co., Springfield, Mo.
N. J. School & Church Furniture Co., Trenton, N. J.
Pratt Amasa Co., Lowell, Mass.
Readsboro Chair Co., Readsboro, Vt.
Retting Furniture Co. (Lodge Only), Grand Rapids, Mich.
Rilling J. E. & Co., 295 S Water, Milwaukee, Wis.
Rowles E. W. A., 327 S Market, Chicago, Ill.
Salisbury Wood-Working Co., Salisbury, Md.
Sanford Sash & Blind Co. (Pews), Sanford, N. C.
Shaw Furniture Co., Cambridge, Mass.
Southern Seating & Cabinet Co., Jackson, Tenn.
Stafford E. H. Mfg. Co., 218 S Wabash av, Chicago, Ill.
Standard Mfg. Co., Appleton, Wis.
Stephens Thos & Sons (Inc.), Albany, N. Y.
Thomas & Co., Worcester, Mass.
Tiffany Studios (Special Designs), 361 Madison av, New York
Tiffin Mfg. Co. (Pews, Pulpits, Altars, Altar Railings, etc), Tiffin, O.
Washington Mfg. Co., Tacoma, Wash.
Weber C. F. & Co., 365 Market, San Francisco, Cal.

5141— Furniture (Costumers')

Stephenson Co. (Pins, Wooden), South Bend, Ind.

5142—Furniture (Dental & Surgical)

American Cabinet Co., Two Rivers, Wis.
Art Metal Construction Co. (Sheet Steel), Jamestown, N. Y.
Aseptic Hospital Supply Co., 92 Fulton, Brooklyn, N. Y.
Clark & Roberts Co., Indianapolis, Ind.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Harvard Co., Canton, O.
Safety First Supply Co. (Surgical), Hartje bldg, Pittsburgh, Pa.

5143—Furniture for Public Buildings

Andrews A. H. Co., 115 S Wabash av, Chicago, Ill.
Art Metal Construction Co. (Metallic), Jamestown, N. Y.
Budde & Weis Mfg. Co., Jackson, Tenn.
Derby Desk Co., Somerville, Mass.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Duker Otto & Co., Fleet & Albemarle, Baltimore, Md.
Farley & Loetscher Mfg. Co. (Desks), Dubuque, Ia.
Fielder & Allen Co. (Dealers), Atlanta, Ga.
Fridman Lumber Co. (Office & Court House), New Richmond, O.
Grand Rapids Hand Screw Co., Grand Rapids, Mich.
Hein Furniture Co., Toledo, O.
Hospital Supply Co., 53 5th av, New York
Matthews Bros. Mfg. Co., 61 4th, Milwaukee, Wis.
Mitchell Robert Furniture Co., 616 Race, Cincinnati, O.
Mowday David Y. (Est. of) (Leather Covered), Norristown, Pa.
Nedrow Mfg. Co., Caledonia, N. Y.
Phoenix Furniture Co. (Court House, etc), Eau Claire, Wis.
Revell A. H. & Co., 141 S Wabash av, Chicago, Ill.
Rilling J. E. & Co., 295 S Water, Milwaukee, Wis.
Southern Seating & Cabinet Co., Jackson, Tenn.
Stafford E. H. Mfg. Co., 218 S Wabash av, Chicago, Ill.
Tiffany Studios (Special Designs), 361 Madison av, New York
Watson Mfg. Co. (Steel), Jamestown, N. Y.
Wollaeger Mfg. Co., 28 Juneau av, Milwaukee, Wis.

5144—Furniture (Garden & Conservatory)

Cincinnati Cement Products Co., 2016 Dana av, Cincinnati, O.
Galloway Terra Cotta Co. (Terra Cotta), 3200 Walnut, Phila., Pa.
Kraus J. C., Cast Stone Wks, Inc., 363 Lexington av, New York
North Shore Ferneries Co., Beverly, Mass.
Whitman Studios, 900 Oxford, Phila., Pa.

5145— Furniture (Hospital)

Alberene Stone Co., 223 E 23d, New York
Art Metal Products Co., 514 S Green, Chicago, Ill.
Aseptic Hospital Supply Co., 92 Fulton, Brooklyn, N. Y.
Bernstein Mfg. Co. (Also All Kinds of Apparatus & Supplies), 3d & Westmoreland, Phila., Pa.
Betz Frank S. Co., Hammond, Ind.
Clark & Roberts Co. (Aseptic), Indianapolis, Ind.
Columbus Aseptic Furniture Co., Columbus, O.
Dougherty H. D. Co. ("Faultless"), 17th & Indiana av, Phila., Pa.
Humane Restraint Co., Madison, Wis.
Inner-Braced Furniture Co., Elkhart, Ind.
Reid Bros., 585 Mission, San Francisco, Cal.
Reid Bros. Surgical Supply Co., Seattle, Wash.
Richardson, Wright & Co., 65 Beverly, Boston, Mass.
Safety First Supply Co., Hartje bldg, Pittsburgh, Pa.
Sanitary Steel Furniture Co., Grand Rapids, Mich.
Sargent Mfg. Co., Muskegon, Mich.
Scanlan-Morris Co., Madison, Wis.
Simmons Co. (Beds Only), Kenosha, Wis.
Smith & Davis Mfg. Co., 20th & Locust, St. Louis, Mo.
Steel White Co. (Steel), Jamestown, N. Y.
Wocher Max & Son Co., 19 W 6th, Cincinnati, O.

5146—Furniture (Knocked Down)

Bockstege Furniture Co. (Tables, etc), Evansville, Ind.
Cron L. C. & W. L. Co., Piqua, O.
Humphrey-Widman Bookcase Co. (Bookcases), Kirby & 14th Detroit, Mich.
Imperial Furniture Co. (Tables, etc), Grand Rapids, Mich.

5147—Furniture (Lawn & Porch)

See also Settees & Chairs, Lawn

Crocker Chair Co. (Porch Chairs & Settees), Sheboygan, Wis.
Fall Creek Mfg. Co., Mooresville, Ind.
Fortier Theo. (Stone Lawn Vases), 1971 B'way, Brooklyn, N. Y.
Gendron Wheel Co. (Porch), Toledo, O.
Goshen Mfg. Co., Goshen, Ind.
Heap W. & Co. (Basquette), Grand Haven, Mich.
North Shore Ferneries Co., Beverly, Mass.
Pratt Mfg. Co., Coldwater, Mich.
Steinfeld Bros. (Hardwood), 116 W 32d, New York
Sun Mfg. Co. (Also Camp), Columbus, O.

5148— Furniture (Metallic)

See also Bank & Office Fixtures, Metallic

Andrews A. H. Co. (Chairs, Stools, Tables, etc), 115 S Wabash av, Chicago, Ill.
Art Metal Construction Co. "Art Metal," Jamestown, N. Y.
Art Metal Products Co., 514 S Green, Chicago, Ill.
Bernstein Mfg. Co., 3d & Westmoreland, Phila., Pa.
Budde & Weis Mfg. Co., Jackson, Tenn.
Canton Art Metal Co., Canton, O.
Celina Specialty Co. (Chairs, Stools, Tables, etc), Celina, O.
Chicago Wire Chair Co. (Wire or Metal **Chairs, Tables, Stools, etc), 619 N La** Salle av, Chicago, Ill.
Cleveland Metalcraft Co., Cleveland, O.
Dexter Metal Mfg. Co. (Office, etc), 93 Arch, Camden, N. J.
Edwards O. M. Co. ("Edwards" Steel), Syracuse, N. Y.
Fielder & Allen Co. (Dealers), Atlanta, Ga.
Fireproof Furniture & Constr. Co., Miamisburg, O.
General Fireproofing Co. (Office), Youngstown, O.
Library Bureau, 43 Federal, Boston, Mass.
Metal Office Furniture Co., Grand Rapids, Mich.
National Safe & Lock Co. (For Express Companies), Cleveland, O.
Pauck E. Machine Co. (Tables, Seating, etc), Toledo, O.
Penn Construction Co., Marietta, Pa.
Pick Albert & Co., 212 W Randolph, Chicago, Ill.
Royal Metal Furniture Co., 125 8th, Brooklyn, N. Y.
Royal Metal Mfg. Co. (Weatherproof Chairs, Tables, Stools, etc), 2318 S Western av, Chicago, Ill.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Steel Fixture Mfg. Co., Topeka, Kan.
Steel Furniture Co., Grand Rapids, Mich.
Steel White Co. (Steel), Jamestown, N. Y.
Toledo Metal Furniture Co. ("Uhl" Art Steel, for Office Equipment, etc), Toledo, O.
Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.
Yesbera Mfg. Co. (Tables, Chairs & Stools for Stores), Toledo, O.

5149—Furniture (Post Office)

See also Bank & Office Fixtures, Metallic

Art Metal Construction Co., Jamestown, N. Y.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Federal Equipment Co., Carlisle, Pa.
Keyless Lock Co., Indianapolis, Ind.
Nedrow Mfg. Co., Caledonia, N. Y.
Standard Mfg. Co., Appleton, Wis.
Wollaeger Mfg. Co., Milwaukee, Wis.

Furniture (Printers' Wood)

See Printers' Wood Furniture

5150—Furniture (Rattan & Reed)

Bailie Basket Co., 82 Sudbury, Boston, Mass.
Bishop & Dickinson, Baldwinsville, Mass.
Burdett Chair Mfg. Co., Keene, N. H.
Capital Rattan Co., Indianapolis, Ind.
Carriage & Toy Co. (Chairs & Tables), 741 W Lombard, Baltimore, Md.
Colony L. J. (Estate of) (Rattan Chairs), Keene, N. H.
Dickerman J. A., Gardner, Mass.
Ehlers Robt. J. Co., 125 E 46th, New York
Ficks Reed Co., 424 Findlay, Cincinnati, O.
Gendron Wheel Co., Toledo, O.
Hartshorn C. H., Gardner, Mass.
Heywood Bros. & Wakefield Co., Gardner, Mass.
Jansen Ed., 110 W 18th, New York
Jenkins-Phipps Co., Wakefield, Mass.
Kelly Bros., Gardner, Mass.
Kurtz N. M. Rattan Co., 155 Valencia, San Francisco, Cal.
Lattimer W. H. & Sons (Reed), Orwell, N. Y.
Mays Rattan Works, 3347 N Clark, Chicago, Ill.
Minneapolis Baby Carriage Co., 1901 Nicollet av, Minneapolis, Minn.
New England Reed Co., 11a Green, Boston, Mass.
Omaha Reed & Rattan Co., Omaha, Neb.
Rattan Mfg. Co., New Haven, Conn.
Rich Bros., 221 W Pratt, Baltimore, Md.
Ryan Rattan Chair Co., Grand Rapids, Mich.
Theise Fred. Mfg. Co., 176 Commercial, Boston, Mass.
Virgin J. M. & Son, Saco, Me.
Whitney Reed Corp., Leominster, Mass.
Withrow Mfg. Co., 2227 Spring Grove av, Cincinnati, Ohio
Ypsilanti Reed Furniture Co. (Reed), Ionia, Mich.

5151— Furniture (School)

Allen-Blaisdell Co. (Portable Wood Folding), 12 Pearl, Boston, Mass.
Allen Chair Co. (Settees, Folding Chairs, etc), Concord Junction, Mass.
American Sash & Door Co. (Wholesale Mfrs.), Kansas City, Mo.
American Seating Co. (Automatic Desks, Seats, etc), 14 E Jackson blvd, Chicago, Ill.
Andrews A. H. Co., 115 S Wabash av, Chicago, Ill.
Beckley-Cardy Co., 312 W Randolph, Chicago, Ill.
Caxton School Supply Co., 560 W Monroe, Chicago, Ill.
Cleveland Seating Co., Rose bldg, Cleveland, O.
Columbia School Supply Co., Indianapolis, Ind.
Flanagan A. Co., 521 S Wabash av, Chicago, Ill.
Grand Rapids School Equipment Co. (Manual Training Equipment), Grand Rapids. Mich.
Haney School Furniture Co., Grand Rapids, Mich.
Harwood's H. J. Sons (Hall & Tablet Arm Chairs), 27 Haymarket sq, Boston, Mass.
Heywood Bros. & Wakefield Co., Gardner, Mass.
Illinois Refrigerator Co., Morrison, Ill.
Illinois School Furniture Co., Rockford, Ill.
Kundtz Theodor Co., Winslow & Elm, Cleveland, O.
Langslow, Fowler Co., Rochester, N. Y.
Lattig-Shimer Mfg. Co. (Movable School Desks), Bethlehem, Pa.
Manitowoc Church Furniture Co., Waukesha, Wis.
Minneapolis Office & School Furniture Co., 801 S E 8th, Minneapolis, Minn.
Moore Mfg. Co., Springfield, Mo.
Murray L. A. & Co., Kilbourn, Wis.
N. J. School & Church Furniture Co., Trenton, N. J.
Peabody School Furniture Co., N Manchester, Ind.
Peter & Volz Co., Arlington Heights, Ill.
Readsboro Chair Co., Readsboro, Vt.
Richmond School Furniture Co., Muncie, Ind.
Rowles E. W. A., 327 S Market, Chicago, Ill.
Sherwood Co., 1856 W 14th, Chicago, Ill.
Stafford E. H. Mfg. Co., 218 So Wabash av, Chicago, Ill.
Standard Mfg. Co., Appleton, Wis.
Superior Seating Co., Muskegon, Mich.
Weber C. F. & Co., 365 Market, San Francisco, Cal.
Winnebago Furniture Mfg. Co., Fond du Lac, Wis.
Woodruff & Edwards Co. (Desks, etc), Elgin, Ill.

5151a—*Furniture Upholstery Materials

DU PONT FABRIKOID CO. (Leather Type) (Craftsman Fabrikoid for all, Upholstered Furniture, Cushions, etc). Wilmington, Del.

5152— Furniture (Willow)

Boston Willow Furniture Co., Cambridge, Mass.
Heywood Bros. & Wakefield Co., Gardner, Mass.
Grand Rapids Fibre Furn Co., Grand Rapids, Mich.
Jenkins-Phipps Co., Wakefield, Mass.
Klauenerg Hugo, Berkeley, Cal.
Pahlow Reed & Willow Mfg. Co., 132 W. 27th, New York
Willow Furniture Co., 625 W 42d, New York

5153—Furring & Lathing (Iron)

Berger Mfg. Co. ("Pronglock" Furring, "Metal Lumber"), Canton, O.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Dennis J. B., Monadnock bldg, San Francisco, Cal.
General Fireproofing Co. (Steel), Youngstown, O.
Goldsmith Metal Lath Co. ("Shurbond"), 53 Central av. Cincinnati, O.
Voss Fred'k, 1852 Austin av, Chicago, Ill.

5154-5— Fuse Links.

Appleton Electric Co. (Open), 230 N Jefferson, Chicago, Ill.
Condit Electrical Mfg Co. ("Shawmut"), 1st & L, Boston, Mass.
Economy Fuse & Mfg Co. (Economy "Drop Out"), Kinzie & Orleans, Chicago, Ill. *See adv index at end of book*
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Richards-Wilcox Mfg. Co. ("Richards" Fire Door), Aurora, Ill.
Underwriters, Hatch Door Co. (For Fire Doors), 1741 Walnut, Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Fuse (Railway Signal)

See Torpedoes & Fuses, Railway Signal

5156— *Fuse (Safety)

DU PONT DE NEMOURS & CO. (E. I.), Wilmington, Del.
For branch offices see adv index at end of book
HERCULES POWDER CO., Wilmington, Del. *See adv index at end of book*

5156a— *Fuse Wire

See also Fuses, Enclosed, Indicating; also Fuses, Miscellaneous, Electric

Economy Fuse & Mfg Co., Kinzie & Orleans, Chicago, Ill.
See adv index at end of book

5156a— *Fuselages

EMPIRE ART METAL CO., INC., THE, College Point, L. I., N. Y.

5157—Fuses (Enclosed, Indicating)

Baruch Elec. Controller Co., 111 Kearny, San Francisco, Cal.
Bryant Electric Co. (Electric), Bridgeport, Conn.
Bussman Mfg. Co., 3819 N 23d, St. Louis, Mo.
Chelten Elec. Co., Armat & Heiskel, Phila., Pa.
Chicago Fuse Mfg. Co. ("Union"), 1014 W Congress, Chicago, Ill.
Columbia Machine Works & Malleable Iron Co. ("N-W," Renewable & Standard), Atlantic av & Chestnut, Brooklyn, N.Y.
Commercial Enclosed Fuse Co., Hoboken, N. J.
Conduit Electrical Mfg. Co. ("Shawmut"), (Sole Selling Agents for Chase-Shawmut Co.), 1st & L, Boston, Mass.
Conn. Elec. Mfg. Co., Bridgeport, Conn.
D & W Fuse Co. ("D & W" Cartridge or Plug Type), Hathaway, Providence, R. I.

FUSES (ENCLOSED, INDICATING)—continued

Daum A. F. Elec. Fuse Co., 1157 Hodgkins, Pittsburgh, Pa.
Delta-Star Electric Co. ("S. & C." High Tension, Carbon-Tetrachloride, for all Voltages), 2437 Fulton, Chicago, Ill.
Detroit Fuse & Mfg. Co. ("Arkless"), 1400 Rivard, Detroit, Mich.
Economy Fuse & Mfg. Co. ("Economy" "Arkless" Renewable Cartridge Fuse), 328 W Kinzie, Chicago, Ill.
See adv index at end of book
Elec. Fuseguard Co., 60 Shipman, Newark, N. J.
Federal Sign System, 640 W Lake, Chicago, Ill.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Great Western Re-Fillable Fuse Co., 326 3d, Pittsburgh, Pa.
Harvard Elec. Co., 525 W Van Buren, Chicago, Ill.
Ideal Fuse Co., 149 2d, San Francisco, Cal.
Johns H. W.-Manville Co. ("Noark"), Madison av & 41st, New York
Johns-Pratt Co., The ("Noark"), Hartford, Conn.
Killmark Elec. Mfg. Co., 22d & Washington, St. Louis, Mo.
Kirkman Engineering Corp. ("K. E."), 237 Lafayette, New York
Metropolitan Engrg. Co., 35 Vesey, New York
Monarch Refillable Fuse Co., 147 Leslie, Buffalo, N. Y.
Multi Refillable Fuse Co., 703 Fulton, Chicago, Ill.
Oettinger F. W. Corp., 52 Vanderbilt av, New York
Pacific Elec. Mfg. Co., 827 Folsom, San Francisco, Cal.
Railway & Industrial Engrg. Co., Peoples Bk. bldg, Pittsburgh, Pa.
Reliable Elec Co. (Automobile), 411 S Sagamon, Chicago, Ill.
Schweitzer & Conrad, 1770 Berteau av, Chicago, Ill.
Sears Henry D. ("Weber" Plug), 80 Boylston, Boston, Mass.
Snow E. W. & Co., Rochester, N. Y.
Star Fuse Co., 290 Church, New York
Trumbull-Vanderpoel Elec. Mfg. Co., Bantam, Conn.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

5158—Fuses (Miscellaneous, Electric)

See also Fuses Electric

Brady Electric Mfg. Co., New Britain, Conn.
Bryant Electric Co. ("Pyrotite"), Bridgeport, Conn.
Central Telephone & Elec. Co. ("Gilgen"), 310 N 11th, St. Louis, Mo.
Chicago Fuse Mfg. Co. ("Union"), 1014 W Congress, Chicago, Ill.
Condit Electrical Mfg. Co.. ("Shawmut" Sole Selling Agents for Chase-Shawmut Co.), 1st & L, Boston, Mass.
Cook Frank B. Co., 326 W Madison, Chicago, Ill.
Detroit Fuse & Mfg. Co. ("Arkless"), 1400 Rivard, Detroit, Mich.
Economy Fuse & Mfg Co. ("Economy" & "Arkless"), Kinzie & Orleans, Chicago, Ill. *See adv index at end of book*
Freeman E. H. Electric Co., Trenton, N. J.
Hartwig Wm. J. Co., Detroit, Mich.
Harvard Electric Co. ("Standard," "Greer"), 525 W Van Buren, Chicago, Ill.
Helios Mfg. Co., Garden av Bridge, Phila., Pa.
Johns-Pratt Co., The ("Noark"), Hartford, Conn.
Kirkman Engineering Corp. ("K. E."), 237 Lafayette, New York
Lafayette Electric & Mfg. Co., Lafayette, Ind.
Metropolitan Engrg Co. (Open Link), 35 Vestry, New York
McIntire C. Co., 35 Vesey, Newark, N. J.
Nagel-Chase Mfg. Co., 154 E Erie, Chicago, Ill.
Paiste H. T. Co., ("H. & L."), 3201 Arch, Phila., Pa.
Schutz Mfg. Co. (Open Link), 3225 Ravenswood av), Chicago, Ill.
Schweitzer & Conrad, Inc. (High Potential), 4431 Ravenswood av, Chicago, Ill.
Snow E. W. & Co., Rochester, N. Y.
Walker Elec Co. (Open Link), 2337 Callowhill, Phila, Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Worcester Electric & Mfg. Co., Worcester, Mass.

5158a—Fuses (Non-Renewable)

Economy Fuse & Mfg. Co. ("Economy"), Kinzie & Orleans, Chicago, Ill.
See adv index at end of book

5158b—Fuses (Plug Renewable)

Economy Fuse & Mfg Co. ("Economy"), Kinzie & Orleans, Chicago, Ill.
See adv index at end of book

5159—Fuses (Refillable Cartridge)

Ackley Brake & Supply Corp. ("Monarch"), 50 Church, New York
Daum A. F. Electric Fuse Co. ("Daum"), 1157 Hodgkiss, Pittsburgh, Pa.
Economy Fuse & Mfg. Co. ("Economy"), 328 W Kinzie, Chicago, Ill.
See adv index at end of book
Monarch Refillable Fuse Co., 147 Leslie, Buffalo, N. Y.
Multi Refillable Fuse Co., 203 Fulton, Chicago, Ill.

5159a— Fuses (Renewable)

Economy Fuse & Mfg Co. ("Economy"), Kinzie & Orleans, Chicago, Ill.
See adv index at end of book

ECONOMY RENEWABLE FUSES and "Drop Out"
Renewal Links cut annual fuse maintenance costs 80 per cent.
WRITE FOR CATALOG 57
ECONOMY FUSE & MFG. CO.
Kinzie and Orleans Sts. CHICAGO, U. S. A.
Sole Manufacturers of "ARKLESS" Non-Renewable Indicating Fuses
ECONOMY FUSES ARE ALSO MADE IN CANADA AT MONTREAL

5160— Fuses (Telephone)

Central Telephone & Electric Co., 310 N 11th, St. Louis, Mo.
Cook, Frank B. Co., 326 W Madison, Chicago, Ill.
Hall F. B. (Mica), Newton Falls, Ohio
Reliable Electric Co., 411 S Sangamon, Chicago, Ill.
Western Electric Co., 463 West, New York

5161— *Fuzes (Electric)

See also Blasting Supplies & Fuses, Misc Electric

AETNA EXPLOSIVE CO., INC. ("Lion"), 120 B'way, New York

5162— *"Fyberoid"

WILMINGTON FIBRE SPECIALTY CO., Wilmington, Del.
See adv index at end of book

5163— Gadders

INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*
Sullivan Machinery Co. ("Sullivan"), Peoples Gas bldg, Chicago, Ill.

5164— Gaffs (Clincher)

Marble Arms & Mfg. Co. ("Marble" for Fish from ½ to 20 lbs), Gladstone, Mich.

Gages, see Gauges

5165— Gaggers

Calumet Steel Co. (Deformed Steel), 208 S La Salle, Chicago, Ill.
Electric Welding Co., Benedum Trees bldg, Pittsburgh, Pa.
Franklin Core Rod & Gagger Co. ("Franklin" Twisted Steel for Foundrymen), Franklin, Pa.
Republic Structural Iron Works Co., 1350 E 53d, Cleveland, O.

5166— Gall Cure

Bickmore Gall Cure Co., Old Town, Me.

5167— Galleries (Riding)

See also Carousels, Organs, Etc

Herschell, Spillman & Co., N Tonawanda, N. Y.
Parker C. W. ("Carry-US-All"), Leavenworth, Kans.

5168—Galvanized Ware Mfrs.

Central Stamping Co., 172 Fulton, New York
Federal Enameling & Stamping Co., Thompson & Chartiers, Pittsburgh, Pa.
Lisk Mfg. Co., Canandaigua, N. Y.
Threthaway Bros., Parsons, Pa.

5169—Galvanizing (Cold Process)

Cleveland Galvanizing Works Co., 3924 Cooper av, Cleveland, O.
Gray Iron Foundry Co., Reading, Pa.
Hanson & Van Winkle Co., 269 Oliver, Newark, N. J.
Kansas City Galvanizing & Mfg. Co., Park & Edgar av, Kansas City, Mo.
Metal Treating & Equipment Co., 252 Eagle, Brooklyn, N. Y.
Pittsburgh Electro Galvanizing Co., 2624 Smallman, Pittsburgh, Pa.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Two Rivers Plating Works, Two Rivers, Wis.
United States Electro Galvanizing Co. (Plants Installed), 280 Park av, Brooklyn, N. Y.
Wilmington Electro Plating Co., 3101 Market, Wilmington, Del.

5170—Galvanizing (Dry Process)

Globe Machine & Stamping Co. (Sherardizing), 1250 W 76th, Cleveland, O.

5171— Galvanizing (Electro)

Cheney S. & Son, Manlius, N. Y.
Fries A. G. Plating Co., 200 Terrace, Buffalo, N. Y.
Moyer-Shaw Mfg. Co., Detroit, Mich.
Rockford Bolt Co., 60 Mill, Chicago, Ill.
U. S. Hame Co., Buffalo, N. Y.

5172—Galvanizing (Hot Process)

Abendroth & Root Mfg. Co. (One Bath, 2 ft 6 in x 4 ft 0 in x 23 ft 0 in), Newburgh, N. Y.
Brooklyn Galvanizing & Mfg. Co., 120 Liberty, New York
Cincinnati Galvanizing Co., McMicken av & Tafel, Cincinnati, O.
Cramp Wm. & Sons Ship & Engine Bldg. Co., Beach & Ball, Phila., Pa.
GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis. *See adv index at end of book*
Hanlon-Gregory Galvanizing Co., 24th & A V R R, Pittsburgh, Pa.
Kansas City Bolt & Nut Co. (1 Kettle 20 ft x 24", x 36" & 12½ ft x 30" x 36"), Kansas City, Mo.
Malleable Iron Fittings Co., Branford, Conn.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Galvanizing Co., 1918 Carroll av, Chicago, Ill.
Pittsburgh Galvanizing Co., 26th & R. R., Pittsburgh, Pa.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Rogers Bros., Batavia, Ill.
SCAIFE WM. B. & SONS CO., First Natl. Bk. bldg, Pittsburgh, Pa., & 26 Cortlandt, New York.
See adv index at end of book
Standard Galvanizing Co., 2619 W Vanburen, Chicago, Ill.
Two Rivers Plating Works, Two Rivers, Wis.

5173—Galvanizing Plants (Complete)

Meaker Co. ("Meaker" Process), 1249 Fulton, Chicago, Ill.
Pittsburgh Electro Galvanizing Co., 3624 Smallman, Pittsburgh, Pa.
Wilfong Millard F., Iron Works Co., 5199 Gray's av, Phila., Pa.

5174— Galvanizing Works

See also Tinning & Japanning

American Foundry & Mfg. Co., Frederick, Md.
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
American Galvanizing Co., 3300 Grays Ferry av, Phila., Pa.
American Tube & Stamping Co., Bridgepart, Conn.
Angell Nail & Chaplet Co., Cleveland, O.
Bethlehem Steel Co., So Bethlehem, Pa.
Bird Wm. E., 17 Border, Boston, Mass.
Boston Galvanizing Works, 121 W 1st, Boston, Mass.
Buffalo Galvanizing & Tinning Works (Also Tinning), 49 Jackson, Buffalo, N. Y.
Buhl Stamping Co. (Also Tinning), Detroit, Mich.
Cattie Bros. Co., 1706 N Howard, Phila., Pa.
Central Stamping Co., 174 Fulton, New York
Chicago Hardware Foundry Co., N Chicago Ill.
Cincinnati Galvanizing Co., McMicken av & Tafel, Cincinnati, O.
Cleveland Galvanizing Works Co., 3924 Cooper av, Cleveland, O.
Coonley Mfg. Co., Cicero, Ill.
Cuyler & Mohler, 611 William, Baltimore, Md.
Daggett Galvanizing & Plating Co., Syracuse, N. Y.
Detroit Range Boiler Co., 619 24th, Detroit, Mich.
Detroit Valve & Fittings & Detroit Brass Works, Wyandotte, Mich.
Devlin Thos. Mfg. Co., 3rd & Lehigh av, Phila., Pa.
Dover Stamping & Mfg. Co., Cambridge, Mass.
Empire Galvanizing Co., 2507 E Cumberland, Phila., Pa.
Finn Jno. Metal Works, 384 2nd, San Francisco, Cal.
Ford & Johnson Co., 900 S. Michigan av, Chicago, Ill.
Fries A. G. Plating Co. (Electro Galvanizing), 200 Terrace, Buffalo, N. Y.
Galvanized Products Co., Phillipsburg, N. J.
GEUDER, PAESHKE & FREY CO. (Hot Process), Milwaukee, Wis.
See adv index at end of book
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Gregory Thomas Galvanizing Works, 263 N Henry, Brooklyn, N. Y.
Hanlon-Gregory Galvanizing Co., 24th & A. V. R. R., Pittsburgh, Pa.
Hassall John (Inc.), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Hill Jas. Mfg. Co., 52 Westfield, Providence, R. I.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
J. C. H. Galvanizing Co., 1110 N Front, Phila., Pa.
Jersey City Galvanizing Co., 74 Morgan, New York
Kalamazoo Tank & Silo Co., Kalamazoo, Mich.
Kansas City Bolt & Nut Co., Kansas City, Mo.
K. C. Galvanizing & Mfg. Co., Kansas City, Mo.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Lanz M & Sons, 2907 Carson, Pittsburgh, Pa.
Laughlin Thos. Co., Portland, Me.
Lefferts' Galvanizing Works, 508 E 20th, New York
McCance Bros. Co. (Angles, Bars, Bands, Beams, Plates, Spikes, etc), Plum, Pittsburgh, Pa.
Malleable Iron Fittings Co., Branford, Conn.
Marine Hardware-Equipment Co. (To Order), South Portland, Me.
Meaker Co., 1249 Fulton, Chicago, Ill.
Milwaukee Corrugating Co., Milwaukee, Wis.
Murphy P. H. Co., East St. Louis, Ill.
National Galvanizing Co. (Hot Process), 1918 Carroll av, Chicago, Ill.
Neptune Hardware Mfg. Co., 54 South, New York
New England Bolt Co., Everett, Mass.
Oliver Wilbur C., Bath, Me.
Palmer & De Mooy Foundry Co., 1658 Leonard, N W, Cleveland, O.
Pfeiffers John Plating Works, Syracuse, N. Y.
Pittsburgh Electro Galvanizing Co., 2624 Smallman, Pittsburgh, Pa.
Pittsburgh Galvanizing Co., 26th & R. R., Pittsburgh, Pa.
Riverside Foundry & Galvanizing Co., Kalamazoo, Mich.
Rochester Stamping Co., Rochester, N. Y.
Rogers Bros. Galvanizing Works, Rockford, Ill.
St. Louis Mall. Casting Co., 7701 N Conduit av, St. Louis, Mo.
San Francisco Galvanizing Wks., 1176 Harrison, San Francisco, Cal.
SCAIFE WM. B. & SONS CO., First Natl. Bk. bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Standard Galvanizing Co. (Hot Process), 2619 W Vanburen, Chicago, Ill.
Standard Plating Works, York, Pa
Tower Mfg. Co., Madison, Ind.
United States Electro-Galvanizing Co., 280 Park av, Brooklyn, N. Y.
Vail Galvanizing Plant, 211 Commercial, Boston, Mass.
Watrous Acme Mfg. Co., Des Moines, Ia.
White Mountain Freezer Co. (Also Tinning), Nashua, N. H.
Wilcox, Crittenden & Co. (& Tinning), Middletown, Conn.
Wilmington Electro Plating Co., 3101 Market, Wilmington, Del.
Witt Cornice Co., 2118 Winchell av, Cincinnati, O.
WRIGHT WIRE CO., Worcester, Mass.
See adv index at end of book
Wrightsville Hardware Co. (Castings, etc), Wrightsville, Pa.

5175—Galvanizing & Tinning Plants (Wire Mill)

Morgan Construction Co., Worcester, Mass.
Turner, Vaughn & Taylor Co., Cuyahoga Falls, O.

5176—Galvano-Bronze Work

Jackson Wm. H. Company, 2 W 47th, New York
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book

5176a—*Galvano Ornament (Bronze)

GORHAM CO. ARCHITECTURAL BRONZE, 5th av & 36th, New York
See adv index at end of book

5177— *Galvanometers

Hercules Powder Co., Wilmington, Del.
See adv index at end of book

5178—Galvanometers & Bridges

Bunnell J. H. & Co., 32 Park pl, New York
Century Electrical Co., Syracuse, N. Y.
Foote, Pierson & Co. ("Delta"), 160 Duane, New York
Knott L. E. Apparatus Co. (D'arsonvol Type for Demonstration, also Individual), 79 Amherst, Cambridge, Mass.
Leeds & Northrup Co. ("Kelvin," "D'Arsonvall," Galvanometers & "Kohlrausch," "Carey-Foster," "Hoopes" Bridges), Stenton av, Gtn., Phila., Pa.
Manufacturers & Inventors Electric Co., 29 Gold, New York
Reliance Instrument Co., 1135 W Vanburen, Chicago, Ill.
Roller-Smith Co. ("Roller-Smith"), 233 B'way, New York
Thompson-Levering Co. ("Peerless"), 323 Arch, Phila., Pa.
Weston Electrical Instrument Co. (Galvanometers only), Waverly Park, Newark, N. J.
Wilson-Maeulen Co. ("Unipivot"), 781 E 142nd, New York

5179— Gambier

Androvette & Townsend (Cube & Common), 235 Water, New York
Bredt F. & Co., 240 Water, New York
Carleton & Moffat (Imp), 80 Maiden la, New York
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Marden, Orth & Hastings Co., 61 B'way, New York
Whittemore-Wright Co. (Cube), Charlestown, Boston, Mass.
Worden Chemical Works (Imp), 4 Cedar, New York

5179a— Gambrels

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

5180— Gambrels (Hog)

Piqua Handle & Mfg. Co, P. O. Box 307, Piqua, O.
STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5180a— Games (Wood)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

5181-2-3— Gang Rippers

American Woodworking Machy Co., Rochester, N. Y.
Garland M. Co., Bay City, Mich.
Standard Saw Mill Machinery Co., Erie, Pa.
Union Iron Works, Bangor, Me.
United States Machine Co., Williamsport, Pa.

5184—Garages (Portable Fireproof)

Aladdin Co., Bay City, Mich.
Anchor Corrugating Construction Co., 140 Washington, New York
Ashley Steel Bldg. Co., Inc., 1790 B'way, New York
Baker W. J. Co., Newport, Ky.
Baltimore Cooperage Co., cor. Hanover & Creek, Baltimore, Md.
Butler Mfg. Co. (Steel), Kansas City, Mo.
Candler Geo. V. Co., 1092 Jefferson av, Detroit, Mich.
Canton Metal Ceiling Co. ("Ready-Bilt"), Canton, O.
Chattanooga Roofing & Fdry Co., Chattanooga, Tenn.
Columbian Steel Tank Co., New England bldg, Kansas City, Mo.
Dixie Culvert & Metal Co., Atlanta, Ga.
Duluth Corrugating & Roofing Co., Duluth, Minn.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Harry O. K. Steel Co., 2333 Papin, St. Louis, Mo.
International Steel & Iron Co., Evansville, Ind.
Karr Portable House Co., 2554 W Irving Pk. blvd, Chicago, Ill.
Metal Shelter Co., S Wabasha, St. Paul, Minn.
Milwaukee Corrugating Co., Milwaukee, Wis.
Moeschl-Edwards Corrugating Co., Covington, Ky.
Moore Mfg. Co., Waterloo, Ia.
North Dakota Metal Culvert Co., Fargo, N. D.
Pinyoun F. C. & Son, 2526 Carnegie av, Cleveland, O.
Priggen Geo. H. Co., 318 Dover, Boston, Mass.
Pruden C. D. Co. ("Prudential"), Warner & Dock, Baltimore, Md.
Ready Built Home Co., Mystic, Conn.
Ruby Mfg. Co., Jackson, Mich.
St. Paul Roofing Cornice & Ornament Co., West St. Paul, Minn.
Standard Sheet Metal Mfg. Co., Washington, Pa.
Taylor Mfg. Co., 219 Glenridge av, Montclair, N. J.
Truscon Concrete Steel Co., Youngstown, Ohio
U. S. Portable Bldg. Co., 115 B'way, New York

5185—Garbage Burners (Water Heating)

Andrews Heating Co., Minneapolis, Minn.
Brand Chas. F., 16th & Jacob, Wheeling, W. Va.
Herbert Boiler Co., 140 Root, Chicago, Ill.
Illinois Malleable Iron Co., 1801 Diversey blvd., Chicago, Ill.
See adv index at end of book

GARBAGE BURNERS—(WATER HEATING)—continued
Kewanee Boiler Co. ("Kewanee"), Kewanee, Ill.
Pacific Steel & Boiler Co., 15th & Dock, Tacoma, Wash.
Prox Frank Co., Terre Haute, Ind.
Toledo Incinerator Co., Toledo, O.

5186—Garbage Disposal Plants

See also Sewage Disposal Plants; also Burners—Refuse

American Reduction Co., 1942 Forbes, Pittsburgh, Pa.
Atkinson-Morse Destructor Co., 71 8th av, New York
BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
Buffalo Co-operative Stove Co. ("Isolator"), Buffalo, N. Y.
Buffalo Engine C (Machinery for), Buffalo, N. Y.
Cragin M. J. (Combined Garbage Crematory & Hot Water Heater), 746 E 43d, Chicago, Ill.
Cummer F. D. & Son Co., Superior Arcade, Cleveland, O. *See adv index at end of book*
Decari Incinerator Co., McKnight bldg, Minneapolis, Minn.
Domestic Laundry Equipment Corp. (Household Purposes), 1365 Lexington av, New York
GRISCOM-RUSSELL CO. ("Sterling" Destructors for Towns, Factories, etc.), 92 West, New York.
See adv index at end of book
Guardian Gas Appliance Co. ("Economy"), 3409 Superior, Cleveland, O.
Kerner Incinerator Co. ("Kerner" Incinerator for Residences), 596 Clinton, Milwaukee, Wis.
KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa.
See adv index at end of book
McCall Incinerator Co., Memphis, Tenn.
McINNES CHAS. E. & CO., Mariner & Merchants' bldg, Phila., Pa.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Morse-Boulger Destructor Co., 39 Cortlandt, New York
Nightingale Co. ("Ricketts" Incinerators), 103 Park av, New York
ODORLESS CONSTRUCTION CO., 130 Park av. Tel Van 4020, New York
Penna. Construction Co., Marietta, Pa.
Prescott J. B. & Son ("Pyrofuse"), Webster, Mass.
Sanitary Appliance Co., 39 Cortlandt, New York
Stearns E. C. & Co. ("Incinerite," "Portable & Wall), 450 Oneida, Syracuse, N. Y.
Toledo Incinerator Co., Toledo, O.

Gas Acetylene

See Acetylene

5187—Gas Analysis Apparatus

American Meter Co., 3112 N 17th, Phila., Pa.
Bacharach Industrial Instrument Co., 114 Wood, Pittsburgh, Pa.
Bausch & Lomb Optical Co., Rochester, N. Y.
Combustion Appliance Co. ("Hays"), 7101 N. Clark, Chicago, Ill.
Eimer & Amend ("Orsat," "Hempel's," "Pettersen's" & "Palmquist's"), 205 3d av, New York
Greiner Emil Co. ("Orsat," "Hempel's"), 55 Fulton, New York
Griffin John J. & Co., 1513 Race, Phila., Pa.
Pierce Wm. B. Co. ("Hays Improved"), Buffalo, N. Y.
Precision Instrument Co., Detroit, Mich.
Sargent E. H. & Co. ("Morehead's Gas-Burette & "Wm. Brady's" Gas Filter), 125 W Lake, Chicago, Ill.
Scientific Materials Co., 717 Forbes, Pittsburgh, Pa.
Simonds G. L. & Co. ("Hays"), 230 S La Salle, Chicago, Ill.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER

Uehling Instrumental Co. ("Uehling"), 71 B'way, New York
Vulcan Fuel Economy Co., 508 Jeff bldg, Chicago, Ill. *See adv index at end of book*

5188—Gas Apparatus for Fuel & Illuminating Gas

Gas Engineering Co., Trenton, N. J.
Wagner Bros. Co., 227 5th, Milwaukee, Wis.

Vulcan Fuel Economy Lines
Vulcan { Gas Analysis Instruments / Differential Draft Gages / Boiler Circulator / Lastite Boiler Coating / Soot Cleaners
Ask Us { VULCAN FUEL ECONOMY CO. 508 Gaff Bldg. CHICAGO

5189— Gas Bags (Rubber)

Davidson Rubber Co., Boston, Mass.
Davol Rubber Co., 69 Point, Providence, R. I.
Goodrich B. F. Co., Akron, O.
Mattson Rubber Co., Lodl, N. J.
Miller Rubber Co., Akron, O.
Parker-Stearns & Co. ("Alpha" Gas, Ice, etc.), 286 Sheffield av, Brooklyn, N. Y.
Peerless Rubber Mfg. Co., 31 Warren, New York
Seamless Rubber Co., New Haven, Conn.
Tyer Rubber Co. (Ice, Gas, Syringe, Water, etc.), Andover, Mass.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

Gas Burners

See Burners, Acetylene Gas

5190— Gas (Carbonic Acid)

Bronx Carbonate Co., 934 E 165th, New York
Chicago Carbonic Gas Co., 904 W Superior, Chicago, Ill.
Crescent City Carbonate Co., Celeste & Religious, New Orleans, La.
General Carbonic Co., Bridge, Albany, N. Y.
Liquid Carbonic Co., 3100 S Kedzie av, Chicago, Ill.
Los Angeles Carbonic Co., 514 Molino, Los Angeles, Cal.
Nebraska Carbonic Acid Gas Co., Omaha, Neb.
N. Y. Carbonate Co., 104th & Park av, New York
Pacific Carbonic Gas Co., ft 6th av, Oakland, Cal.
Pure Carbonic Co., 2008 S Canal, Chicago, Ill.
Western Carbonic Gas Co., Agnew, Cal.
Western Chemical Mfg. Co. (Liquid), Denver, Colo.

5191— Gas Composimeters

Uehling Instrument Co. ("Uehling"), 71 B'way, New York

Gas Fixtures

See Electric & Gas Light Fixture Manufacturers

5192—Gas Fixtures (Acetylene)

Davis Acetylene Co., Elkhart, Ind.
Struthers R. F. Co., Omaha, Neb.

5193—Gas Fixtures (Wrought Iron)

Bradley & Hubbard Mfg. Co., Meriden, Conn.
Flour City Ornamental Iron Works, 27th & 27th av, Minneapolis, Minn.
Haack Louis, 619 10th av, New York
Henry-Bonnard Bronze Co., 20 Exchange pl, New York

5194— *Gas Flow Meters

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

5195-6-7— Gas Holders

Bartlett-Hayward Co., Scott & McHenry, Baltimore, Md.
CHICAGO BRIDGE & IRON WORKS, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book
Columbiana Boiler Co., Columbiana, O.
Connery & Co., 2d & Luzerne, Phila., Pa.
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
Cruse-Kemper Co., Ambler, Pa.
Davis & Farnum Mfg. Co., Waltham, Mass.
Deily & Fowler Mfg. Co., 39 Laurel, Phila., Pa.
Dillon D. M. Steam Boiler Works, Fitchburg, Mass.
Dover Boiler Works, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Graver Wm. Tank Works, East Chicago, Ind.
Hamler Boiler & Tank Co., 3906 S Halsted, Chicago, Ill.
Heilman Boiler Works, Allentown, Pa.
PITTSBURGH-DES MOINES STEEL CO. (Steel), 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Riter-Conley Co., Pittsburgh, Pa.
Stabey Mfg. Co., Big Four R. R., Township av, Cincinnati, O.
Stacey Mfg. Co. (Elmwood), Cincinnati, O.
Tippett & Wood, Phillipsburg, N. J.
Western Gas Construction Co., Fort Wayne, Ind.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

Gas (Oxygen)

See Oxygen

Gas Plants Installed

See Gas Works Apparatus & Construction

Gas Portables

See Electric & Gas Light Portables

5198— Gas Producers

Akerlund & Semmes, Inc., 17 Battery pl., New York
American Gas Engine Co. ("Weber" Suction), Kansas City, Mo.
Amsler Walter O. ("Amsler," Power or Hand Operated), Wabash bldg, Pittsburgh, Pa.
Backus Water Motor Co. (Suction), 172 Penna. av, Newark, N. J.
Ceramic Supply & Construction Co. ("Richardson"), Columbus, O.
Chapman Engineering Co. ("Chapman" Rotary), Mt. Vernon, O.
Clarion Gas Co., Oil City, Pa.
Coatesville Boiler Wks., Coatesville, Pa.
Columbiana Boiler Co., Columbiana, O.
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
Dornfeld Iron Works ("Atkinson" Suction & Pressure), Watertown, Wis.
Downingtown Iron Works, East Downingtown, Pa.
Dubois Iron Works, Dubois, Pa.
Duff Patents Co. ("Duff" & "Bradley" Patents), Frick bldg, Pittsburgh, Pa.
Flinn & Dreffein Co. (Producer Gas Plants for Fuel & Power), 431 S Dearborn, Chicago, Ill.
Foos Gas Engine Co., 800 Monroe, Springfield, O.
Gas Machinery Co. (Bituminous & Non-Bituminous Coal), 1900 Euclid av, Cleveland, O.
Hettinger Engine Co., Bridgeton, N. J.
International Clay Machy. Co., Dayton, O.
Kemp C. M. Mfg. Co. ("Twentieth Century," "Climax," "Kemp System" Naptha Gas Producer for Fuel), 405 E Oliver, Baltimore, Md.
Koppers H. Co., Union Arcade, Pittsburgh, Pa.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Leetonia Boiler Co., Leetonia, O.
Marshall Foundry Co., Pittsburgh, Pa.
Minneapolis Steel & Machinery Co. ("Muenzel," Suction), 29th & Drexel, Minneapolis, Minn.
Morgan Construction Co. ("Morgan Producers Gas Machine"), Worcester, Mass.
Munroe R. & Sons Mfg. Corp. (Producers Gas Pipe), 23d & Smallman, Pittsburgh, Pa.

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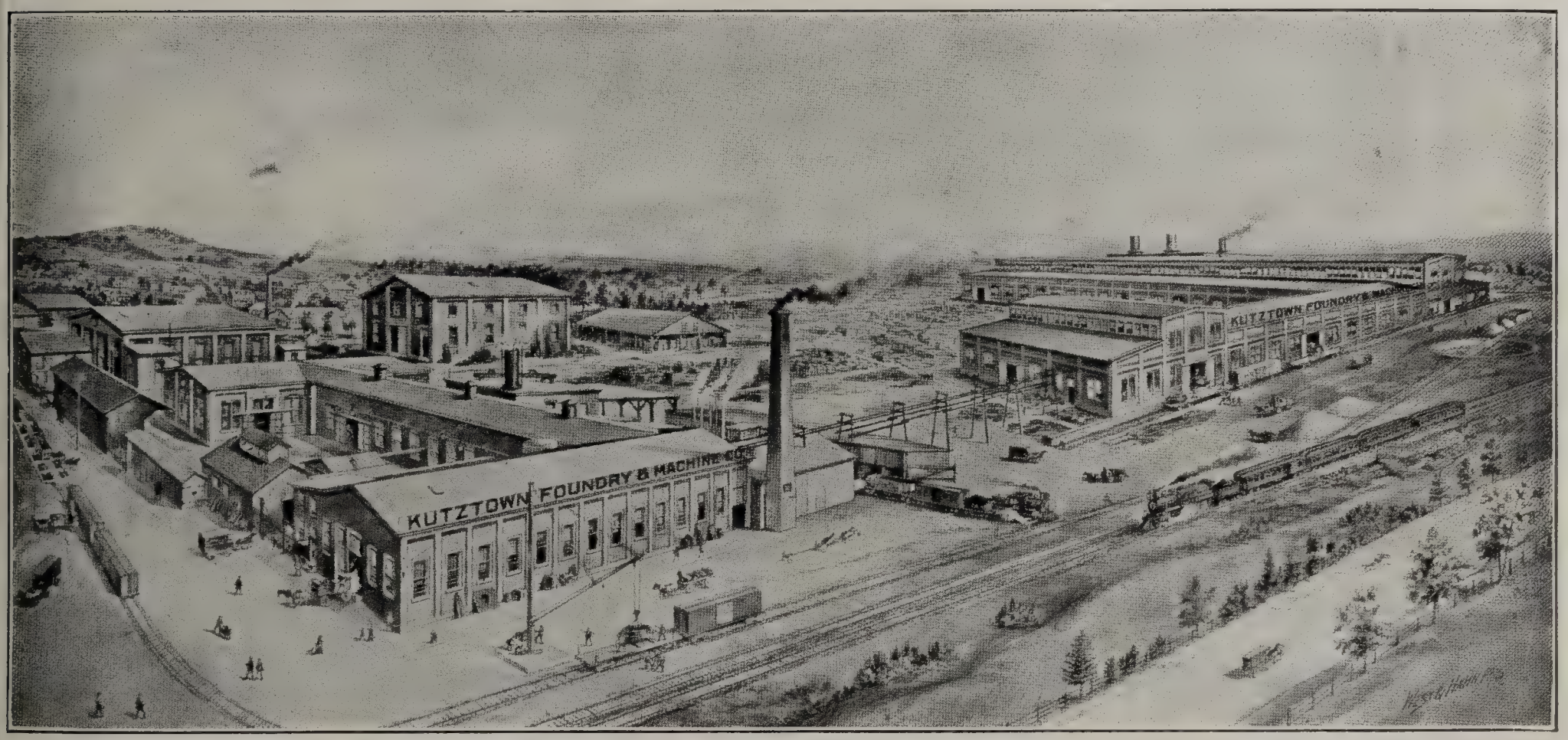

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Nelson Blower & Furnace Co. ("A. L. Galusha"), L. & Elkins, Boston, Mass.
Otto Gas Engine Works, 33rd & Walnut, Phila., Pa.
Pennsylvania Gas Co., Oil City, Pa.
Petroleum Iron Works Co., Sharon, Pa.
Smith Gas Power Engineering Co. ("Smith"), Lexington, Richland Co., O.
Standard Gas Power Co., 17 Battery pl., New York
Steere Engng. Co., Woodward & Horton avs, Detroit, Mich.
Swindell Wm. & Bros. ("Swindell," for Steel & Iron Works), Jenkins Arcade bldg, Pittsburgh, Pa.
Syracuse Industrial Gas Co. (For Anthracite Coal, Complete Plants for Lighting & Pumping, also for Annealing, Tempering, etc), Syracuse, N. Y.
Toledo Metal Manufacturers Co., Michigan, Toledo, O.
See adv index at end of book
United Natural Gas Co., 306 Seneca, Oil City, Pa.
Wellman-Seaver-Morgan Co., ("Hughes" Mechanical & Hand Poked), Cleveland, O.
Western Gas Construction Co., Ft. Wayne, Ind.
WESTINGHOUSE ELECTRIC & MFG. CO., (For Power Plants), East Pittsburgh, Pa. *See adv index at end of book*
Wood R. D. & Co. ("Wood," also Plants for Operating Gas Engines), 400 Chestnut, Phila., Pa.
Worthington Pump & Machy. Corp. ("Loomis-Pettibone"), 115 B'way for Power Plants & Gas Engines), 115 B'way, New York
See adv index at end of book

5199—Gas Producers (Water Seal)

Amsler Walter O., Wabash bldg, Pittsburgh, Pa.
ATLAS ENGINEERING CO. (Water Seal & Mechanical), Amherst, O.
See adv index at end of book
Chapman Engineering Co., Mt. Vernon, O.
Duff Patent Co., Frick bldg, Pittsburgh, Pa.
Flinn & Dreffein Co., 431 S Dearborn, Chicago, Ill.
International Clay Machy. Co., Dayton, O.
King Oxygen Co., Hoboken, N. J.
Laughlin Alex. & Co., Pittsburgh, Pa.
Miller W. R. Co., House bldg, Pittsburgh, Pa.
Morgan Construction Co., Worcester, Mass.
Swindell Wm. & Bros., Jenkins Arcade bldg, Pittsburgh, Pa.
Wellman-Seaver-Morgan Co., ("Hughes" Mechanical & Hand Poked), Cleveland, O.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wood R. D. & Co. ("Taylor" & "Mond."
Worthington Pump & Machy. Corp. ("Loomis-Pettibone"), 115 B'way, New York *See adv index at end of book*

5200—Gas Washer, Boiler & Burner (Combined)

Weimer Machine Works Co., Lebanon, Pa.

5201—Gas Works Apparatus & Construction

See also Benches, Gas Retort; also Retorts, Gas

Barlett Hayward Co. (Coal & Water Gas), Scott & McHenry, Baltimore, Md.
Connelly Iron Sponge & Governor Co., 227 Fulton, New York
Gas Engineering Co., Trenton, N. J.
Gas Machy Co. ("Gasmaco"), 1900 Euclid av, Cleveland, O.
Improved Equipment Co., 60 Wall, New York
Isbell-Porter Co., 46 Bridge, Newark, N. J.
Lloyd Construction Co., Detroit, Mich.
Phoenix Gas & Improvement Co. ("Janeway"), Harrison bldg, Phila., Pa.
Quintard Iron Works Co., 742 E 12th, New York
Stacey Bros. Gas Construction Co., Sta. P, Cincinnati, O.
Stacey Mfg. Co., Big 4 R. R., Ownship av, Elmwood, Cincinnati, O.
United Gas Improvement Co., Phila., Pa.
Western Gas Construction Co., Fort Wayne, Ind.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

Gas & Electric Light Fixture Mfrs.

See Electric & Gas Light Fixture Mfrs.

5202-3—Gas & Water Works Supplies.

See also Cast Iron Pipe Manufacturers, Gas & Water; also Valves, Gate for Water Mains
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Barnes Mfg. Co., Mansfield, O.
Behringer Edward A., 88 W B'way, New York
Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
Cornell & Underhill, Greenwich & Spring, New York
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Drummond M. J. & Co., 51 Chambers, New York
Fitts Frank E. Mfg. Co. & Supply Co., 88 Purchase, Boston, Mass.
Fox Jno. & Co., 253 B'way, New York
Gilchrist Geo. E. Co., 106 High, Boston, Mass.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Miller Chas. & Son Co., Utica, N. Y.
Mosher Mfg. Co., Dallas, Tex.
Mueller H. Mfg. Co., Decatur, Ill.
National Tube Co., Frick bldg, Pittsburgh, Pa.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Rickersberg Brass Co. (Water Works Only), Perkins & E 37th, Cleveland, O.
Simmons John Co., 110 Centre, New York
Roots P. H. & F. M. Co., Connersville, Ind.
Tay George H. Co., 599 Mission, San Francisco, Cal.
Walworth Mfg. Co., Boston, Mass.
Western Iron Works, 141 Beale, San Francisco, Cal.

Gaskets (Aluminum)

See Gaskets, Metallic.

5204— Gaskets (Asbestos)

See also Gaskets, Corrugated Copper and Asbestos

For All Other Non-Metallic Gaskets, See Gaskets, Gum, Fibrous, etc.; also Fibre Manufacturers, Hard; also Packing Manufacturers; also Packing, Metallic
Akron Metallic Gasket Co., 142 N. Union, Akron, O. *See adv index at end of book*
American Asbestos Co. (Metallic), Norristown, Pa.
Anchor Packing Co. ("Ankorite"), Lafayette bldg, Phila., Pa.
Asbestos Fibre Spinning Co. (All Kinds), North Wales, Pa.
Asbestos & Rubber Works of America ("Asbestolith"), 58th & B'way, New York
Asbestos & Rubber Works of N. J., Camden, N. J.
Asbestos Textile Co., 233 B'way, New York
Crandall Packing Co., Palmyra, N. Y.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
New Brunswick, N. J.
GASKET SUPPLY CO. ("Right" Asbestos Metallic Mill Board & Compressed Sheets), 1927 Ludlow, Phila., Pa.
See adv index at end of book
General Asbestos Rubber Co. ("Garco," "Delta," "Semi-bronze," "Calisbestos"), Charleston, S. C.
Gillen-Chambers Co., Portland, Ore.
Goetze Gasket & Packing Co. ("Goetzerit"), New Brunswick, N. J.
Hollow Center Packing Co., 608 S Dearborn, Chicago, Ill.
Johns H. W.-Manville Co. (Also Rubber), Madison av & 41st, New York
Johns-Pratt Co., The ("Vulcabeston Rope" & "Vulcabeston Red Fibre" Asbestos Moulded), Hartford, Conn.
Keasbey & Mattison Co., Ambler, Pa.
Mechanical Rubber Co., Cleveland, O.
Mikesell Bros. Co., 176-178 N La Salle, Chicago, Ill.
Peerless Rubber Mfg. Co. ("Rain-Besto" "Peerless"), 31 Warren, New York
Phoenisc Spec. Mfg. Co., 48 Duane, New York
Standard Asbestos Co., 75 Fulton, New York
STANDARD MFG. & SUPPLY CO., 30 N 4th, Phila., Pa.
STRONG MACHINERY & SUPPLY CO. ("Strong's" Tisafine), 21 Walker, New York *See adv index at end of book*
Vulcan Asbestos Mfg. Co. Prod. Exch., New York
Watson H. F. Co. (Asbestos & Rubber Cloth, Metallic), Erie, Pa.
Wing J. T. & Co., 19 Woodward av, Detroit, Mich.

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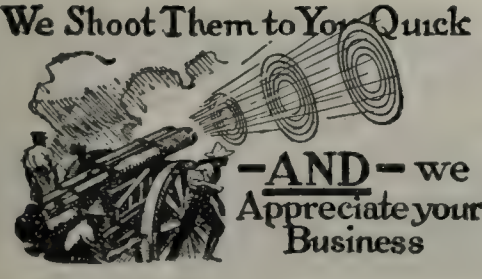

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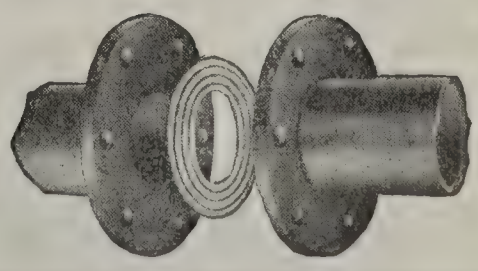

5204a—*Gaskets (Asbestos, Copper Combination)

AKRON METALLIC GASKET CO., 142 N Union, Akron, O.
See adv index at end of book

Gaskets (Asbestos Metallic)

See Gaskets, Metallic, With the Words Asbestos-Metallic Following Their Name

Gaskets (Copper)

See Gaskets, Metallic

Gaskets (Corrugated Copper)

See Gaskets, Metallic

5204b—*Gaskets (Corrugated Copper & Asbestos)

See also Gaskets (Asbestos)

Gasket Supply Co., 1927 Ludlow, Phila., Pa.
See adv index at end of book

U. S. INDESTRUCTIBLE GASKET CO., Church & Fulton, New York
See adv index at end of book

5204c—*Gaskets (Corrugated & Plain)

See also Gaskets, Metallic

Guillot Metal Gasket & Supply Co. (Brass, Copper, Lead, Steel, etc.), 24 S Clinton, Chicago, Ill.
See adv index at end of book

5205—Gaskets (Flexible Fibre)

Akron Metallic Gasket Co., 142 N Union, Akron, O. *See adv index at end of book*

DOMINION ASBESTOS & RUBBER CORP. ("Darcoid"), 154 Nassau, New York *See adv index at end of book*

Endura Mfg. Co. ("Endura" for Oil & Water), 63rd & Reading R. R., Phila., Pa.

GASKET SUPPLY CO. ("Right" Vello for Oil, Motor, Grease & Automobile use), 1927 Ludlow, Phila., Pa.
See adv index at end of book

National Fibre & Insulation Co., Yorklyn, Del.

5205a—*Gaskets (For Flanges, Valves & Fittings)

DOMINION ASBESTOS & RUBBER CORP. ("Darcoid," "Old Dominion"), 154 Nassau, New York
See adv index at end of book

Guillot Metal Gasket & Supply Co., 24 S Clinton, Chicago, Ill.
See adv index at end of book

5206—Gaskets (Gauge Glass)

Anchor Packing Co. ("Brooks"), Lafayette bldg, Phila., Pa.

Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book

Gilbert & Co., Hyattsville, Md.

Norwalk Mfg. Co. (Rubber), E Norwalk, Conn.

U. S. Indestructible Gasket Co., Church & Fulton, New York.
See adv index at end of book

5207—Gaskets (Gum, Fibrous, Etc.)

See also Gaskets, Asbestos; also Gaskets, Metallic, Etc.

AKRON METALLIC GASKET CO. ("Akronite" Compressed Asbestos Sheet Packing Gaskets), 142 N Union, Akron, O. *See adv index at end of book*

Anchor Packing Co. ("Ankorite," "Tauril"), Lafayete bldg, Phila., Pa.

Barwood L. J. Co. ("Barwood"), Stoneham station, Boston, Mass.
See adv index at end of book

Bay State Belting Co. (Rubber), 665 Atlantic av, Boston, Mass.

Bishop Gutta-Percha Co., 420 E 25th, New York

Booth Felt Co., Inc. (Felt), 440 19th, Brooklyn, N. Y.

Boston Belting Corp. (Rubber), 84 Linden Park, Boston, Mass.

Brandt Randolph (Combination Rubber & Heavy Duck, High Pressure), 70 Cortlandt, New York

Brawley T. R., 85 Adams, Brooklyn, N. Y.

Burgmann Feodor (Imp.), 26 Cortland, New York

Canfield H. O. Co. (Rubber), Bridgeport, Conn.

Cincinnati Rubber Mfg. Co. (Rubber), Cincinnati, O.

Combination Rubber Mfg. Co. (Rubber), Bloomfield, N. J.

Danubil Co. Inc. ("Danubil," "Hudsonil," "Convention," "Engineers," Asbestos Fibre), Postal Telegraph bldg, New York

Dealers Steam Packing Co., Palmyra, N. Y.

DOMINION ASBESTOS & RUBBER CORP. ("Darcoid"), "Dominion," "Sovereign"), 154 Nassau, New York
See adv index at end of book

Durabla Mfg. Co. ("Durabla"), 114 Liberty, New York

Empire Tire & Rubber Corp. (Rubber), East Trenton, N. J.

Essex Rubber Co., Trenton, N. J.

Federal Rubber Co., The (Rubber), Cudahy, Wis.

Garlock Packing Co., Palmyra, N. Y.

GASKET SUPPLY CO. ("Right" Red Sheet, Compressed Asbestos Cloth Inserted & Vello Fibre), 1927 Ludlow, Phila, Pa. *See adv index at end of book*

General Asbestos Rubber Co. ("Ideal" Red), Charleston, S. C.

Goetze Gasket & Packing Co. ("Goetzerit"), New Brunswick, N. J.

Goodrich B. F. Co. (Rubber), Akron, O.

Gutta Percha & Rubber Mfg. Co. ("Pyramid Brand Bluestone," "Red Jacket" Rubber), 126 Duane, New York

Hamilton Rubber Mfg. Co. (Rubber), Trenton, N. J.

Hewitt Rubber Co., Buffalo, N. Y.

Hodgman Rubber Co. (Rubber), 8 W 40th, New York

Hollow Center Packing Co. 608 S Dearborn, Chicago, Ill.

Home Rubber Co. (Rubber), Trenton, N. J.

Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.

Jenkins Bros. ("Jenkins-96," "Jenarco," "Oiltite, Magnolia"), 80 White, New York

Johnson H. Co. ("Johnson's" With Wire Insertion), ft. Gates av, Jersey City, N. J.

Knowlton Geo. W. Rubber Co. (Rubber), 60 Pearl, Boston, Mass.

Manhattan Rubber Mfg. Co. (Rubber), Passaic, N. J.

Mechanical Rubber Co. (Rubber), 73 Reade, New York

Mechanical Rubber Co. ("White Seal" Tubular Asbestos Covered Tubular, Rubber), Cleveland, O.

Mercer Rubber Co. (Rubber Cloth Insertion), Hamilton sq, N. J.

Mulconroy Co., 54th & Jefferson, Phila., Pa.

National India Rubber Co. (Rubber), Bristol, R. I.

New Jersey Car Spring & Rubber Co. (Rubber), 91 Brunswick, Jersey City, N. J.

New York Belting & Packing Co. (Rubber), 91 Chambers, New York

New York Insulated Wire Co. (Lighting Non-Tubular Brand), 84 State, Boston, Mass.

New York Rubber Co. (Rubber), Reade & Church, New York.

Peerless Rubber Mfg. Co. ("Peerless," "C-I," "C. B. S."), 31 Warren, New York

Pennsylvania Rubber Co. ("Century," Wire Insertion, Cloth Insertion, Fibrous, Tape, Tubular, Screen Diaphragm, etc.), Jeannette, Pa.

Quaker City Rubber Co. ("Regal," "Skihi" & "Ebonite"), 629 Market, Phila, Pa.

Republic Rubber Co. (Rubber), Youngstown, O.

Revere Rubber Co. (Cloth Insertion, Spliced or Moulded, etc), Chelsea, Mass.

Schacht Rubber Mfg. Co., Huntington, Ind.

Sherman H. B. Mfg. Co. (Rubber), Battle Creek, Mich.

Simmons John Co. (All Kinds), 110 Centre, New York

Spanish-Amer. Cork & Spec Co., Westport, Baltimore, Md.

STANDARD MFG. & SUPPLY CO., 30 N 4th, Phila, Pa.

Star Felt Cutting Co. (Felt), 260 69th, Brooklyn, N. Y.

STRONG MACHINERY & SUPPLY CO. ("Strong's Tisafine"), 21 Walker, New York *See adv index at end of book*

Thermoid Rubber Co. ("Thermoid" Air Brake, etc.), Trenton, N. J.

U. S. Indestructible Gasket Co., Church & Fulton, New York
See adv index at end of book

United & Globe Rubber Mfg. Co. (Rubber), Trenton, N. J.

Victor Mfg. & Gasket Co., 1956 S Troy, Chicago, Ill.

Voorhees Rubber Mfg. Co. ("Nubian" Tubular Rubber), 18 Bostwick av., Jersey City, N. J.

Walsh Packing Co. (Combination), 304 New, Phila., Pa.

Western Rubber Co. (Rubber), Goshen, Ind.

Whitehead Bros. Rubber Co. (Rubber), Trenton, N. J.

Wilcox E. A. Mfg. Co. (Self Sealing), 6330 Stony Island av, Chicago, Ill.

5208—*Gaskets (Hard Fibre)

See also Fibre, Hard

DELAWARE HARD FIBRE CO., Wilmington, Del. Works: Marshallton, Del.
See adv index at end of book

National Fibre & Insulation Co., Yorklyn, Del.

STANDARD MFG. & SUPPLY CO., 30 N 4th, Phila, Pa.

WILMINGTON FIBRE SPECIALTY CO., Wilmington, Del.
See adv index at end of book

5209— Gaskets (Lead)

See also Gaskets, Metallic

AKRON METALLIC GASKET CO. ("Akron" Corrugated & Plain, for Boiler Manholes, Ammonia Fittings, Acid, etc), 142 N Union, Akron, O.
See adv index at end of book

Chadwick-Boston Lead Co., 162 Congress, Boston, Mass.

Cleveland Galvanizing Works Co., 3924 Cooper av, Cleveland, O.

GASKET SUPPLY CO. ("Right" Corrugated & Plain for Manhole, Handle Hole, Ammonia Fillings, Acid, etc.), 1927 Ludlow, Phila, Pa.
See adv index at end of book

Goetze Gasket & Packing Co. ("Goetze"), New Brunswick, N. J.

Guillott Metal Gasket & Supply Co., 24 S Clinton, Chicago, Ill.
See adv index at end of book

STANDARD MFG. & SUPPLY CO., 30 N 4th, Phila, Pa.

U. S. Indestructible Gasket Co. (& Alloys), Church & Fulton, New York
See adv index at end of book

Wilcox E. A. Mfg. Co. (Manhole), 6330 Stony Island av, Chicago, Ill.

Windsor Mfg. Co., 570 Clinton, Milwaukee, Wis.

5210— Gaskets (Leather)

Barwood L. J. ("Barwood"), Stoneham station, Boston, Mass.
See adv index at end of book

Chicago Leather & Mercantile Co., 1848 W 14th, Chicago, Ill.

Detroit Leather Specialty Co. ("Wear Well"),275 Beecher av, Detroit, Mich.

Field, R. B. & Co. ("Fields"), Worcester, Mass.

GASKET SUPPLY CO. ("Right"), 1927 Ludlow, Phila, Pa.
See adv index at end of book

Graton & Knight Mfg. Co., Worcester, Mass.

Judd & Leland Mfg. Co., Clifton Springs, N. Y.

National Leather Mfg. Co., Niles, Mich.

Rockford Leather Washer Co., Rockford, Ill.

Schieren Chas. A. Co., 30 Ferry, New York

Sovreign C. E. Co., Rockford, Ill.

U. S. Indestructible Gasket Co., Church & Fulton, New York
See adv index at end of book

5211— Gaskets (Metallic)

For Rubber Gaskets, see Gaskets, Gum, Fibrous, etc; also Gaskets, Asbestos, etc; for Fibre Gaskets, see Fibre Manufacturers, Hard

Akron Metallic Gasket Co. ("Akron" Plain & Corrugated Copper, Copper-Asbestos Combination, "Akro-Metal" Gaskets for Superheat, also Gaskets of any Metal), 142 N Union, Akron, O.
See adv index at end of book

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There's a "RIGHT" Gasket or a "GASCO" Packing for every one of these conditions, and it may be made of Copper, Steel, Brass, Lead, Asbestos, Rubber, Paper, Fibre, Leather, Monel Metal, Bronze, Tin, Zinc, Felt, Canvas, Wood, Cork, or a combination of these depending upon work which may be required of them.

We would not attempt to say that we have one Gasket, or Packing to meet every condition, but we do say with **emphasis** that we have a Gasket or Packing to meet every requirement.

We also make washers of every material—Metal Stampings, and our Punch and Die department is at your service when you need Blanking, Drawing, Forming, Piercing, Dies.

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1927 LUDLOW STREET, PHILADELPHIA, PA.

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If you are an advertiser we file your Catalog in our Library and our Information Bureau uses it in connection with making such recommendations.

Hendricks' Commercial Register

American Asbestos Co. (Asbestos Metallic, Rubbered & Gaskets Without Wire), Norristown, Pa.
American District Steam Co. (Corrugated Copper), No. Tonawanda, N. Y.
Asbestos & Rubber Works of America ("Asbestos Metallic"), 58th & Broadway, New York
Asbestos & Rubber Works of N. J. (Asbestos, Copper), Camden, N. J.
Beaton & Cadwell Mfg. Co. (Corrugated Copper, Steel, Brass & Iron), New Britain, Conn.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Eureka Co. ("Eureka"), North East, Pa.
Faul & Timmins ("Asbesteel"), Buffalo, N. Y.
Fitzgerald Mfg. Co. (Asbestos, Copper), Torrington, Conn.
Flexitallic Gasket Co., Camden, N. J.
Franklin Mfg. Co., Franklin, Pa.
GASKET SUPPLY CO. ("Right," Plain or Corrugated Copper, Lead, Brass, Steel, Bronze, Asbestos, Metallic, & Combination of Copper & Asbestos), 1927 Ludlow, Phila., Pa.
See adv index at end of book
Goetze Gasket & Packing Co. ("Goetze" Plain & Corrugated Copper, Brass, Monel, Steel, Aluminum & Pure Nickel & Phosphor Bronze), New Brunswick, N. J.
Guillott Metal Gasket & Supply Co., 24 S Clinton, Chicago, Ill.
See adv index at end of book

Established 1886 "Quality and Service"
Guillott Metal Gasket & Supply Co.
24-30 So. Clinton St. Chicago, Ill.
Copper, Lead and Combination Gaskets for all purposes, Engines, Boilers, Flange Fittings, Ice Machines, Pipe Lines and SPECIALTIES
We Are Specialists in Gaskets

Hill-Smith Metal Goods Co. (Copper), 88 Pearl, Boston, Mass.
Hollow Center Packing Co. (Asbestos-Metallic), 608 S Dearborn, Chicago, Ill.
Hussey C. G. & Co. (Copper), 2850 2d av, Pittsburgh, Pa.
Johns H. W.-Manville Co. ("Asbestos-Metallic," "J-M Kearsage," "J-M Permanite"), Madison av & 41st, New York
McCord Mfg. Co. ("McKim" Copper-Asbestos), 2587 Grand Blvd, Detroit, Mich.
Magee Valve Co. (Corrugated Copper, Steel, Brass & Iron), 136 Beekman, New York
Metallic Gasket Co., Columbia & Center, Springfield, Ohio.
Phoenix Specialty Mfg. Co., 48 Duane, New York

When writing to firms whose names appear in this book please mention HENDRICKS' COMMERCIAL REGISTER.

SARCO CO., INC. ("Sarco"), 229 B'way, New York *See adv index at end of book*

Designed for any kind of pipe connections, manholes, etc., for low and high pressure and superheated steam, also water and oil. Many special types for special applications.
SARCO COMPANY, Inc.
237 BROADWAY, NEW YORK

Simmons John Co., 110 Centre, New York
Smooth-On Mfg. Co. (Corrugated Iron), 572 Communipaw av, Jersey City, N. J.
STANDARD MFG. & SUPPLY CO., 30 N. 4th, Phila, Pa.
Taunton-New Bedford Copper Co. (Corrugated Copper), Taunton, Mass.
U. S. Indestructible Gasket Co. (Plain & Corrugated Copper, Brass, Steel & Lead), Church & Fulton, New York
See adv index at end of book
U. S. Mineral Wool Co. (Corrugated Copper), 280 Madison av, New York
Victor Mfg. & Gasket Co., 1956 S Troy, Chicago, Ill.
Watson H. F. Co. (Asbestos), Erie, Pa.
Wilcox E. A. Mfg. Co. ("Wilcox," Self-Sealing), 6330 Stony Island av, Chicago, Ill.

5211a—*Gaskets (Monel Metal)

Gasket Supply Co. ("Right"), 1927 Ludlow, Phila, Pa.
See adv index at end of book
STANDARD MFG. & SUPPLY CO., 30 N 4th, Phila., Pa.
U. S. INDESTRUCTIBLE GASKET CO., Church & Fulton, New York
See adv index at end of book

5211b— *Gaskets (Nickel)

U. S. INDESTRUCTIBLE GASKET CO., Church & Fulton, New York
See adv index at end of book

5212— Gaskets (Paper)

Barwood L. J. Co. ("Barwood"), Stoneham station, Boston, Mass.
See adv index at end of book
Campbell Paper Box Co., South Bend, Ind.
GASKET SUPPLY CO. ("Right" Paper, all Shapes & Sizes), 1927 Ludlow, Phila, Pa. *See adv index at end of book*
Springman Paper Products Co., Detroit, Mich.
STANDARD MFG. & SUPPLY CO., 30 N 4th, Phila, Pa.
U. S. Indestructible Gasket Co., Church & Fulton, New York
See adv index at end of book

Gaskets (Rubber)

See Gaskets, Gum, Fibrous, Etc

5213—*Gaskets (Steel Corrugated)

AKRON METALLIC GASKET CO., 142 N Union, Akron, O.
See adv index at end of book
AMERICAN SPIRAL PIPE WORKS (Annealed), Chicago, Ill., & 50 Church, New York *See adv index at end of book*
GASKET SUPPLY CO. ("Right," Plain & Smooth-on), 1927 Ludlow, Phila, Pa.
See adv index at end of book
STANDARD MFG. & SUPPLY CO., 30 N 4th, Phila, Pa.
U. S. INDESTRUCTIBLE GASKET CO., Church & Fulton, New York
See adv index at end of book

5213a— Gasoline Hoists

See also Hoists, Gasoline

STREET BROS. MACHINE WORKS, Chattanooga, Tenn.
See adv index at end of book

5214—*Gasoline Long Distance (Storage & Pumping Outfits)

SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortland, New York
See adv index at end of book

5215— Gasoline Refiners

Advance Oil Co., Oil City, Pa.
American Oil Works (Ltd.), Titusville, Pa.
Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.
Bayerson Oil Works, Erie, Pa.
Camp Harry E., Bradford, Pa.
Canfield Oil Co., Cleveland, O.
Central Refining Co., Laurenceville, Ill.
Clarendon Refining Co., Clarendon, Pa.
Consumers Refining Co., 76 W Monroe, Chicago, Ill.
Penn. Am. Refining Co., Oil City, Pa.
Cornplanter Refining Co., Warren, Pa.
Craig Oil Co., Toledo, O.
Crystal Oil Works, Oil City, Pa.
Emery Mfg. Co., Bradford, Pa.
EMPIRE OIL WORKS, Oil City, Pa. Works: Reno, Pa.
Freedom Oil Works Co., Freedom, Pa.
Germania Refining Co., Oil City, Pa.
Great Western Oil Co., 2846 E 37th, Cleveland, O.
GULF REFINING CO., Frick bldg Annex, Pittsburgh, Pa.
Independent Refining Co. (Ltd.), Oil City, Pa.
Indian Refining Co. (Automobile, Stove, etc.), 244 Madison av, New York
Interocean Oil Co., 90 West, New York
Louisiana Oil Refining Co., Shreveport, La.
Mid-Co Gasoline Co., Tulsa, Okla.
Miller's Sons Co., Columbus & Preble, Pittsburgh, Pa.

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Kinghorn Pattern Pump Valves
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Oil and Acid Proof
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GASOLINE REFINERS—continued

Mills C. E. Oil Co., Syracuse, N. Y.
Mutual Refining Co. (Ltd.), Warren, Pa.
National Refining Co., Cleveland, O.
Ohio Cities Gas Co., Columbus, O.
Paragon Refining Co., Toledo, O.
Pennsylvania Paraffine Works, Titusville, Pa.
Petroleum Products Co., 3917 Neville, Pittsburgh, Pa.
Pierce-Fordyce Oil Assn., Texas City, Tex.
Prudential Oil Corp., 17 Battery pl., New York
Pure Oil Co., Lafayette bldg, Phila., Pa.
Red "C" Oil Mfg. Co., Keyser bldg, Baltimore, Md.
Riverside Oil Co., Benedun Tress bldg, Pittsburgh, Pa.
Standard Oil Co., 72 W Adams, Chicago, Ill.
Standard Oil Co., 26 Broadway, New York
Standard Oil Co. of New York ("Socony"), 555 W 25th, New York
Sun Company, Finance bldg, Phila., Pa.
Sunlight Oil & Gasoline Co., 49th & Gray's av, Phila., Pa.
Texas Co. ("Texaco"), 17 Battery pl, New York
Tidewater Oil Co. ("Tydol"), 11 B'way, New York
Union Oil Co. of California, Union Oil bldg, Los Angeles, Cal.
Union Petroleum Co., Widener bldg, Phila., Pa.
Van Tilburg Oil Co., 2428 University av, Minneapolis, Minn.
Warren Refining Co., Warren, Pa.
WAVERLY OIL WORKS CO. (Stoves & Illuminating Automobile, Gasoline Engines, etc), Pittsburgh, Pa.

5216—Gasoline Underground Storage & Pumping Outfits

American Oil Pump & Tank Co., Cincinnati, O.
Beman Automatic Oil Can Co., Meadeville, Pa.
Bowser S. F. & Co., Ft. Wayne, Ind.
Heller-Aller Co., Napoleon, O.
Kewanee Private Utilities Co., West Side, Kewanee, Ill.
Liquid Equipment Co. ("Vac."), Cedar Rapids, Ia.
Meurer Steel Barrel Co., 575 Flushing av, Brooklyn, N. Y.
Milwaukee Tank Works ("Milwaukee"), 831 Kinnickinnic av, Milwaukee, Wis.
Richardson-Phenix Co., 122 Reservoir av, Milwaukee, Wis.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortland, New York
See adv index at end of book
Sexton Can Co. ("Sexton"), 228 Franklin, Boston, Mass.
Star Tank Co., Goshen, Ind.
Stephenson C. H. ("Stephenson"), Lynn, Mass.
Tokheim Mfg. Co., Cedar Rapids, Ia.

5217—Gates (Automatic Drive)

Cyclone Fence Co., Waukegan, Ill.
Peters David & Son Fence & Gate Co., Homer, Ill.
St. Louis Wire & Iron Co., St. Louis, Mo.

5217a— *Gates (Bin)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

5218— Gates (Blast)

American Blower Co., 1400 Russell, Detroit, Mich.
Banister A. W. Co., 421 Dorchester av, S Boston, Mass.
Bicalky Fan Co., Buffalo, N. Y.
Buffalo Forge Co., Buffalo, N. Y.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Empire Blower & Pipe Co., Rochester, N. Y.
Miner & Peck Mfg. Co., New Haven, Conn.
New York Blower Co., Archer av & Canal, Chicago, Ill.
ROCKWELL W. S. CO., 50 Church, New York. *See adv index at end of book*
Sterling Blower Co., Hartford, Conn.
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book

5219— Gates (Bridge)

Buda Co., Railway Exch. bldg, Chicago, Ill.
PITT WM. R. COMPOSITE IRON WORKS ("Pitt" Folding), 221 W 26th, New York. *See adv index at end of book*

Gates (Bronze)

See Gates, Ornamental Bronze & Iron

Gates (Car)

See Car Gates & Guards

5220— Gates (Coal Pocket)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Union Iron Works, Hoboken, N. J.

5221—Gates (Concrete Hopper)

Insley Mfg. Co., 3500 E St. Clair, Indianapolis, Ind.
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book

When writing to firms listed in this book please, mention HENDRICKS' COMMERCIAL RECISTER

5221a—Gates (Day, For Bank Vaults)

HALL'S SAFE CO., 3253 Spring Grove av, Cincinnati, O.
See adv index at end of book

Gates (Driveway & Entrance)

See Gates, Ornamental Bronze & Iron; also Gates, Farm

5222— Gates (Farm)

Adams E. B. & Son, Racine, Wis.
Adrian Wire Fence Co., Adrian, Mich.
AMERICAN STEEL & WIRE CO. ("American" Steel), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Anchor Post Iron Works, 167 B'way, New York
For branch offices see Alphabetical Section
Automatic Pivot Gate Co. ("Guth" Automatic Pivot), Waverly, O.
Bayley Wm. Co., Springfield, O.
Cyclone Fence Co. ("Cyclone," Tubular Steel), Waukegan, Ill.
Dwiggins Wire Fence Co., Anderson, Ind.
Enterprise Iron Works, Indianapolis, Ind.
Eureka Fence Mfg. Co., Richmond, Ind.
Excelsior Fence Co., Spokane, Wash.
Frost Superior Fence Co., E 131st, Cleveland, O.
Gade Bros. Mfg. Co. ("Gade"), Iowa Falls, Ia.
Gade C. L., Iowa Falls, Ia.
Glor Bros. & Willis Mfg. Co. ("New Modern"), Attica, N. Y.
Iowa Gate Co., Cedar Falls, Ia.
Jackson Fence Co., Jackson, Mich.
Keystone Steel & Wire Co., Peoria, Ill.
Kokomo Fence Mach. Co. (Steel), Kokomo, Ind.
Kokomo Steel & Wire Co. ("Diamond"), Kokomo, Ind.
Mason Fence Co. ("Champion"), Lessburg, O.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Moyer Mfg. Co. (Automatic), Montevideo, Minn.
Page Steel & Wire Co., Adrian, Mich.
See adv index at end of book
Pence Wm. H., Fairfield, Ia.
Portable Elevator Mfg. Co. (White Steel), Bloomington, Ill.
Rowe Mfg. Co. ("Can't Sag"), Galesburg, Ill.
Sheer E. (Self-Closing), Lincoln, Ill.
St. Louis Wire & Iron Co., St. Louis, Mo.
Silo Specialty Mfg. Co. (Steel), Clinton, Ia.
Spring Steel Fence & Wire Co., Anderson, Ind.
Verdeckberg Iron & Wire Works Co. (Farm Only), Denver, Colo.
Warner Fence Co., Ottawa, Kan.
Western Steel & Iron Works (Steel), De Pere, Wis.

5223— Gates (Ferry Boat)

PITT WM. R. COMPOSITE IRON WORKS "Pitt" Folding), 221 W 26th, New York *See adv index at end of book*

INFORMATION

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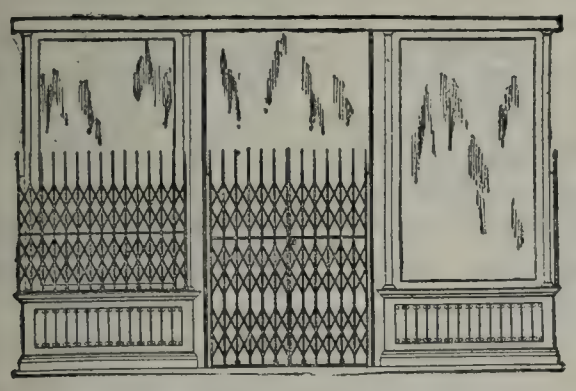

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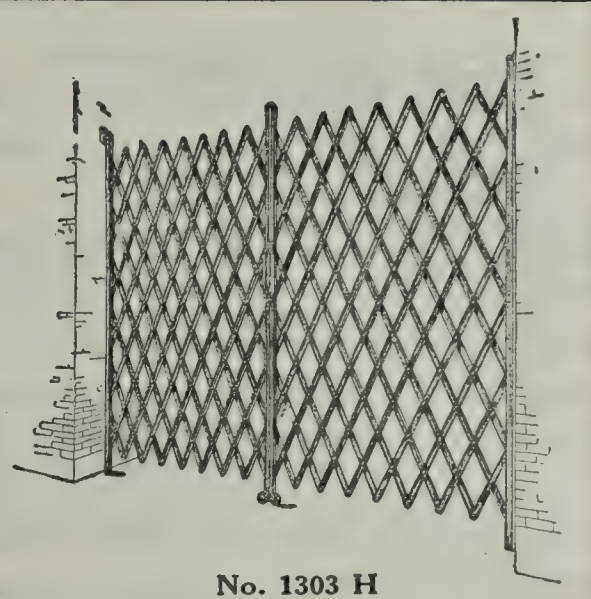

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5224— Gates (Folding)

Anchor Post Iron Works, 167 B'way, New York
For branch offices see Alphabetical Section
Barnum E. T., Wire & Iron Works, 864 Woodward, Detroit, Mich.
Belmont Iron Works (Steel), 22d & Washington av, Phila., Pa.
Buffalo Wire Works Co. (Collapsible), 453 Terrace, Buffalo, N. Y.
California Artistic Metal & Wire Co., 349 7th, San Francisco, Cal.
Carriage & Toy Co. (Porch & Stair, Wood, 741 W Lombard, Baltimore, Md.
Chapman Wm. O. Co., 30 Church, New York
Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
Columbia Iron & Wire Works Co., Canton, O.
Estey Bros. Co., 270 Union av, B'klyn, N. Y.
Halsted Joseph Co., 1233 W Randolph, Chicago, Ill.
Howard & Morse, 46 Fulton, New York
Kammen Walter, 3258 Springgrove av, Cincinnati, Ohio
Kleeman L. F. Mfg. Co., 1923 Central, Kansas City, Mo.
Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
Loewer John E. Wire & Iron Works Co., 914 Campbell, Kansas City, Mo.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
MEYERS FRED. J. MFG. CO., Hamilton, O.
See adv index at end of book
Norfolk Iron & Wire Works, Norfolk, Va.
Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn.
See adv index at end of book
PITT WM. R. COMPOSITE IRON WORKS ("Pitt-Bostwick"), 221 W. 26th, New York *See adv index at end of book*
Plocher Andrew Sons Co., Dayton, O.
Remppis Wm. F. Co., 226 Spruce, Reading, Pa., & 18th & Filbert, Phila., Pa.
Richmond Safety Gate Co., Richmond, Ind.
St. Louis Car Co. (Car), 8000 N B'way, St. Louis, Mo.
St. Louis Wire & Iron Co., St. Louis, Mo.
Schreiber L. & Sons Co., 3869 Ivanhoe, Cincinnati, O.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Standard Iron & Wire Works, Chattanooga, Tenn.
TYLER W. S. CO. (Collapsible), Cleveland, O., & 200 5th av, New York
See adv index at end of book
Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.
Verdeckberg Iron & Wire Co., Denver, Colo.
WRIGHT WIRE CO. ("Excelsior"), Worcester, Mass.
See adv index at end of book

Gates (Hatch, Automatic)

See Elevator Gates, Automatic

5225— Gates (Lock)

CHICAGO BRIDGE & IRON WORKS, 1319 W 105th, Chicago, Ill.
See adv index at end of book
Independent Bridge Co., 829 Beaver av, Pittsburgh, Pa.
Penn Bridge Co. (Steel), Beaver Falls, Pa.

5226— Gates (Molasses)

Cheney S. & Son, Manlius, N. Y.
Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa.
Kraft A. C., 323 W Lake, Chicago, Ill.
McNab & Harlin Mfg. Co., 55 John, New York
Multiplex Faucet Co. (Brass), St. Louis, Mo.
Rauch Mfg. Co., Galena, Kan.
Scoville E. U. Co. ("Perfection"), Manlius, N. Y.
Sommer John Faucet Co. ("Perfection"), 355 Central av, Newark, N. J.
Stearns E. C. & Co. ("Scovilles'" Pattern), 450 Oneida, Syracuse, N. Y.
Taylor & Boggis Foundry Co. ("Stebbins"), Cleveland, O.
Weller Hardware & Foundry Co. ("Stebbins"), Horseheads, N. Y.

5227— Gates (Ore Bin)

Clark W. J. Co., Salem, O.
Handy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
KENNEDY VAN SAUN MFG. & ENG. CORP. (Self-Closing & Rack & Pinion), 120 Broadway, New York
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Stephens-Adamson Mfg. Co. ("S-A"), Aurora, Ill.
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
United Iron Works Co., Kansas City, Mo.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

5228— Gates (Ore & Oil)

Rauch Mfg. Co. (For Mines), Galena, Kan.

5229—Gates (Ornamental Bronze & Iron)

See also Bronze, Architectural, etc.

Also Iron, Architectural & Ornamental

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Anchor Post Iron Works, 167 B'way, New York
For branch offices see Alphabetical Section
Bayer-Rothgeb Co., Los Angeles, Cal.
Bayley Wm. Co., Springfield, O.
Belmont Iron Works, 22d & Washington av, Phila., Pa.
Biddle-Gaumer Co., 3846 Lancaster av, Philadelphia, Pa.
Bigelow Cheney Wire Works, Springfield, Mass.
Biggin Charles P. Co., 1829 Harlan, Phila., Pa.
Bolles J. E. Iron & Wire Works, 4th & Porter, Detroit, Mich.
Braun J. G., 609 S Paulina, Chicago, Ill.
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.
Burkhardt John, 531 W 55th, New York
Roanoke Iron & Bridge Wks, Roanoke, Va.
Champion Iron Co., Kenton, O.
Chesapeake Iron Works, Westport, Baltimore, Md.
Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
Coleman Adelbert E., 336 W 37th, Chicago, Ill.
Cornell Iron Works, 26th & 11th av, New York
Creswell Samuel J. Iron Works, 23d & Cherry, Phila., Pa.
Crown Iron Works Co., 1229 Tyler, Minneapolis, Minn.
Cyclone Fence Co., Waukegan, Ill.
Detroit Mausoleum Equipment Works, Detroit, Mich.
Enterprise Iron Works, Indianapolis, Ind.
Fiske J. W. Iron Works, 80 Park pl, New York
Flour City Ornamental Iron Works, 27th & 27th av, Minneapolis, Minn.
Gerdes & Co., 42 Church, New York
See adv index at end of book
GORHAM CO. ARCH'L BRONZE, 5th av & 63th, New York. Works: Providence, R. I. *See adv index at end of book*
Halsted Joseph Co., 1233 W Randolph, Chicago, Ill.
Hassell Iron Works Co., Colorado Springs, Colo.
Heath-Johnson Co., 300 W Ontario, Chicago, Ill.
Hennecke C. Co., 1353 N. Pierce, Milwaukee, Wis.
Henry-Bonnard Bronze Co., 20 Exchange pl, New York
Herzog Iron Works, St. Paul, Minn.
Howard & Morse, 46 Fulton, New York
Huntington Iron Works, Huntington, W Va.
Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill. *See adv index at end of book*
Jackson Wm. H. Company, 2 W 47th, New York
Kues Bros. Iron Works, 1807 Carter av, New York
Lafayette Fence Works, Lafayette, Ind.
Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
Loewer John E. Wire & Iron Works, 914 Campbell, Kansas City, Mo.
Meier-Wise Co., Ft. Wayne, Ind.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
MEYERS FRED J. MFG. CO., Hamilton, O. *See adv index at end of book*
Midland Metal Co., 21st & Jeff'n, Phila., Pa.
Milliken Bros., Staten Island, N. Y.
Mott J. L. Iron Works, Trenton, N. J.
Mugler's Iron Works, 841 E 136th, New York
Oak Hill Marble Works, Birmingham, Ala.

GATES (ORNAMENTAL BRONZE & IRON)—continued

Page Steel & Wire Co., Adrian, Mich.
See adv index at end of book
Pettler Wire Products Co., Beaver Falls, Pa.
PITT WM. R. COMPOSITE IRON WORKS, 221 W 26th, New York
See adv index at end of book
Plocher Andrew Sons Co., Dayton, O.
Remppis Wm. F. Co., 226 Spruce, Reading, Pa.
Republic Structural Iron Works Co., 1350 E 53d, Cleveland, O.
Richey, Browne & Donald, Flushing av, Maspeth, N. Y.
Richmond Structural Steel Co., Richmond, Va.
Roanoke Iron Works, Roanoke, Va.
Rolfe Iron Co., Riverdale Station, Chicago, Ill.
St. Louis Wire & Iron Co., St. Louis, Mo.
Schreiber L. & Sons Co., 3869 Ivanhoe, Cincinnati, O.
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Sommerville Iron & Bronze Co., 5641 Butler, Pittsburgh, Pa.
Southwest Wire & Iron Wks. Co., Kansas City, Mo.
Stewart Iron Works Co., Covington, Ky.
Taylor & Dean, Penn av & 25th, Pittsburg, Pa.
Tiffany Studios, 361 Madison av, New York
TYLER W. S. CO., Cleveland, O. & 200 5th av, New York.
See adv index at end of book
Union Foundry Works, 38 S Dearborn, Chicago, Ill.
United Ornamental Iron Works, 189 W Madison, Chicago, Ill.
Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.
Verdeckberg Iron & Wire Works Co., Denver, Colo.
Vilsack Martin Co., 3222 Penn av, Pittsburgh, Pa.
Vulcan Co., 11 Raynor, Detroit, Mich.
Wells Architectural Iron Co., River av & 151st, New York
West Side Structural Co., Troy, N. Y.
Williams Jno., Inc., 556 W 27th, New York
Winslow Bros. Co., 4600 Harrison, Chicago, Ill.
Wisconsin Iron & Wire Wks., Milwaukee, Wis.
WRIGHT WIRE CO., Worcester, Mass.
See adv index at end of book

5230-1—Gates (Railway Crossing)

See also Signals, Railway Crossing

Buda Co. (Pneumatic & Electric, Crank & Lever), Railway Exchange bldg, Chicago, Ill.
Kalamazoo Railway Supply Co. ("Wilson"), Kalamazoo, Mich.
Keystone Steel & Wire Co., Peoria, Ill.
Pneumatic Gate Co. ("Elliott" Pneumatic), 1921 S Fairfield av, Chicago, Ill.
Railroad Supply Co., 203 S Dearborn, Chicago, Ill.

Gates (Safety)

See Elevator Gates, Automatic

5232—Gates (Sewer, Back Water)

Edwardsville Brass Co., Edwardsville, Ill.

5233— Gates (Shear)

Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.

5234— Gates (Sluice)

California Corrugated Culvert Co. ("Calco"), Berkeley, Cal.
Coffin Valve Co., Neponset, Boston, Mass.
Coldwell-Wilcox Co. (Also Pivot), Newburgh, N. Y.
Columbian Iron Works, Chattanooga, Tenn.
Eddy Valve Co., Waterford, N. Y.
Fox Jno. & Co., 253 B'way, New York
Kennedy Valve Mfg. Co., Elmira, N. Y.
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Pelton Water Wheel Co., 19th & Harrison, San Francisco, Cal., & 90 West, New York
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Vulcan Iron Works, 327 N Irving av, Chicago, Ill.

5235— Gates (Steel)

AMERICAN STEEL & WIRE CO. ("American," Walk & Single & Double Drive), 208 S La Salle, Chicago, Ill. *See adv index at end of book*
Anchor Post Iron Works, 167 B'way, New York.
For branch offices see Alphabetical Section
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn.
See adv index at end of book

5236— Gates (Steel Picket)

See Fences, Iron & Steel Picket

5237-8—Gates (Storage Bin)

Insley Mfg. Co. (Concrete), 3500 E St. Clair, Indianapolis, Ind.
Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
Ransome Leach Co. (For Sand, Stone & Concrete), 115 B'way, New York
Stuebner G. L. Iron Works (For Coal, Sand Stone & Concrete), Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book

Gates (Water)

See Gates, Sluice

5239—*Gates & Guards (Bronze Folding)

Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
PITT WM. R. COMPOSITE IRON WORKS ("Pitt-Bostwick" Patents), 221 W 26th, New York
See adv index at end of book
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book

5239a— *Gates & Railings

GORHAM CO., ARCHITECTURAL BRONZE, 5th av & 36th, New York
See adv index at end of book

5240—Gauge Glass Preservers

Morse R. F. ("'Gilbert's" Self Packing), 86 Weybosset, Providence, R. I.

5241—Gauge Glass Protectors

Ashcroft Mfg. Co., 119 W. 40th, New York
Dunn's Service ("Leonhart"), 608 S Dearborn, Chicago, Ill.
Gardner Grate Co. ("Igard" Shield & Reflector), 21 Burgess, Boston, Mass.
Sargent Co. ("Ironclad"), Fisher bldg, Chicago, Ill.

5242—Gauge Glass Reflectors

Reordway Mfg. & Sales Co., Marquette bldg, Chicago, Ill.

5243— Gauge Glass Washers

Boston Belting Corp., 84 Linden Park, Boston, Mass.
Canfield H. O. Co., Bridgeport, Conn.
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Empire Fire & Rubber Corp., East Trenton, N. J.
General Asbestos Rubber Co., Charleston, S. C.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Home Rubber Co. Trenton, N. J.
Jenkins Bros., 80 White, New York
Judd & Leland Mfg. Co., Clifton Springs, N. Y.
McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.
See adv index at end of book
Mattson Rubber Co., Lodi, N. J.
Mechanical Rubber Co., 307 W Randolph, Chicago, Ill.
National India Rubber Co., Bristol, R. I.
N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
New York Belting & Packing Co., 91 Chambers, New York
Peerless Rubber Mfg. Co., 31 Warren, New York
Pennsylvania Rubber Co., Jeannette, Pa.
Quaker City Rubber Co. (Rubber), 628 Market, Phila., Pa.
Revere Rubber Co., Chelsea, Mass.
Rogers H. A. Co. ("Perfected"), 87 Walker, New York *See adv index at end of book*
Schacht Rubber Mfg. Co., Huntington, Ind.
Thermoid Rubber Co., Trenton, N. J.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
Whitehead Bros. Rubber Co., Trenton, N. J.

5244— Gauge Glasses

Advance Packing & Supply Co. ("Firma," "Advance" Scotch Glass Tubes & Cup Glasses), 11-15 Franklin, Chicago, Ill.
Bache, Semon & Co. (Impr, "Maltese Cross," "Eureka" Scotch), 636 Greenwich, New York
Beaton & Cadwell Mfg. Co. ("Perfection"), New Britain, Conn.
Belfield H. Co. (Sterling Scotch Tubes), 435 N Broad, Phila., Pa.
Breakey L. I. (Fittings), 712 W State, Marshall, Mich.
Buckeye Iron & Brass Works (Scotch), Dayton, O.
Chesterton A. W. Co. ("McGregor," "Sonderglass," "Rhenag"), 64 India, Boston, Mass.
Corning Glass Works ("Noglare," "Nonex" Headlight Front, Gauge & Colored Standard Signal Glasses), Corning, N. Y.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
DIAMOND SPECIALTY & SUPPLY CO. "Diamond"), 1225 Arch, Phila., Pa.
Dominion Asbestos & Rubber Corp. (Darioid," "Dominion"), 154 Nassau, New York *See adv index at end of book*
Hill Pump Valve Co. ("Hill") Archer av, Canal & 23d, Chicago, Ill.
JERGUSON GAGE & VALVE CO. ("Reflex," "Klinger," "Jerguson"), 358 Atlantic av, Boston, Mass.
Keating E. F. Co. ("Montrose"), 446 Water, New York
Lonergan J. E. Co. ("Thistle"), 211 Race, Phila., Pa.
Lovell F. H. & Co. ("Bishop's"), Arlington, N. J.

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See adv index at end of book
Patterson-Allen Engineering Co., 2 Rector, New York
Powell Wm. Co., Cincinnati, O.
Pneumercator Co. Inc. (Boiler), 118 Liberty, New York
See adv index at end of book
ROGERS H. A. CO. (Moncrieff "Perth," Moncrieff "Unific," Moncrieff "Red Line," Moncrieff "Scotch," Moncrieff's "Reflex," Moncrieff's "Prismatic"), 87 Walker, New York
See adv index at end of book
SCHAEFFER & BUDENBERG MFG. CO. ("Resisto," Compound of Jena Glass), Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book
Staniford J. W. & Co., 40 Hanover, Boston, Mass.
Star Brass Mfg. Co. (Scotch Gauge Glasses), 108 E Dedham, Boston, Mass.
Wiltbonco Mfg. Co., 24 Porter, Boston, Mass.

5245— Gauge Grinders

Steel Products Engineering Co., Springfield, O.

5246—*Gauge Testing Apparatus

FOXBORO COMPANY, THE, succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.
See adv index at end of book
SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

5247— Gauges (Air)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
Ashcroft Mfg. Co., 119 W 40th, New York
Ashton Valve Co., 161 First, Cambridge, Mass.
Cleveland Steam Gauge Co., 1108 W 9th, Cleveland, Ohio
Garrison Brass & Machine Works, 107 W 13th, New York
Marsh Jas. P. & Co., 118 S Clinton, Chicago, Ill.
NATIONAL GAUGE & EQUIPMENT CO. ("National"), La Crosse, Wis.
See adv index at end of book
Pittsburgh Gage & Supply Co. ("Pittsburgh"), 30th & Liberty av, Pittsburgh, Pa.
SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

Gauges (Air Brake)

See Gauges, Steam

5247a— Gauges (Airplane)

Foxboro Co. (The) (Succeeding Industrial Instrument Co.) ("Foxboro"), Foxboro, Mass.
See adv index at end of book

5248— Gauges (Alarm)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
Ashcroft Mfg. Co. ("Edson"), 119 W 40th, New York
Ashton Valve Co. ("Ideal"), 161 First, Cambridge, Mass.
BRISTOL CO. ("Bristol's Recording & Alarm), Waterbury, Conn., & 114 Liberty, New York
See adv index at end of book
FOXBORO COMPANY, THE, succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.
See adv index at end of book
LUNKENHEIMER CO. (Monitors), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Marsh Jas. P. & Co., 118 S Clinton, Chicago, Ill.
Pneumercator Co. Inc., 118 Liberty, New York *See adv index at end of book*
U. S. Gauge Co., 67 Wall, New York

Gauges (Altitude)

See Gauges, Steam

Gauges (Ammonia)

See Gauges, Steam

5249— Gauges (Automobile)

See also Gauges, Air
Ashcroft Mfg. Co. ("Edson"), 119 W 40th, New York
Ashton Valve Co., 161 First, Cambridge, Mass.
Azadian Gauge Mfg. Co. (Pump), Syracuse, N. Y.
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
FOXBORO COMPANY, THE, succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.
See adv index at end of book
Gem Stamped Steel Co. ("Gem"), Chelsea, Mass.
GREENFIELD TAP & DIE CORP'N ("G. T. D."), Greenfield, Mass.
See adv index at end of book
Improved Gauge Mfg. Co. ("Pressurite"), 320 West Water, Syracuse, N. Y.
Mackin Oil Gauge Co. ("Mackin") Oil for Ford Cars), 33 N Foster, Worcester, Mass.
Marsh Jas. P. & Co., 118 S Clinton, Chicago, Ill.
National Gauge & Equipment Co. ("National"), La Crosse, Wis.
See adv index at end of book
Rochester Mfg. Co., 891 Halstead, Rochester, N. Y.
Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.

5250— Gauges (Axle)

Badger State Machine Co. ("Wills" Automatic), Janesville, Wis.

Gauges (Bar Iron Limit)

See Gauges, Limit

5251— Gauges (Barrel)

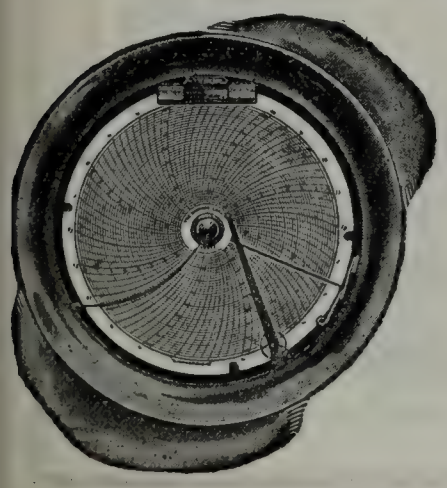
Hydraulic Press Mfg. Co., Mount Gilead, O.

Gauges (Battery)

See Ammeters & Voltmeters

5252— *Gauges (Bench)

STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book



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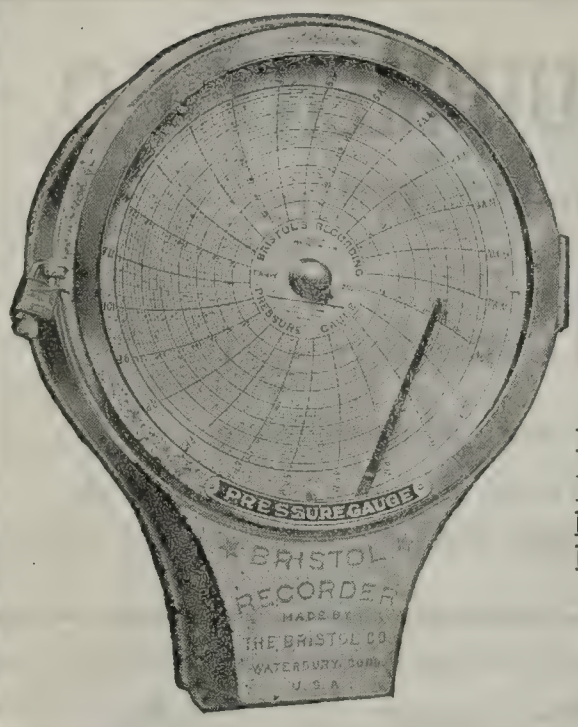

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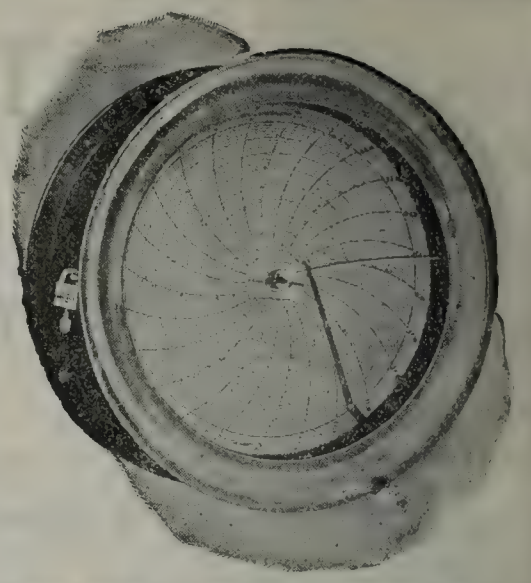

THE BRISTOL COMPANY, Waterbury, Conn.

Manufacturers of Bristol Recording Instruments for Pressure, Temperature, Electricity, Time, etc.

Branch Offices: Boston New York Pittsburgh Chicago San Francisco

5253— Gauges (Bit, Auger)

Bonney Vise & Tool Works ("Garrett's" Auger Bit), Allentown, Pa.
See adv index at end of book
Cincinnati Tool Co. ("Hargrave"), Norwood, Cincinnati, O.
See adv index at end of book
Millers Falls Co., 28 Warren, New York
Stanley Rule & Level Co., New Britain, Conn.
Syracuse Twist Drill Co., ("Syracuse"), Borden av, Syracuse, N. Y.

Gauges (Blast)

See Gauges, Steam

5254—Gauges (Blood Pressure)

Tagliabue C. J. Mfg. Co., 18 33rd, Brooklyn, N. Y.
Taylor Instrument Companies ("Tycos"), Rochester, N. Y.
See adv index at end of book

Gauges (Boiler Plate)

See Gauges, Rolling Mill

Gauges (Bourdon Pressure)

See Gauges, Steam

5254a— Gauges (Built Up)

Nelson Tool Co., Inc., 782 E. 142nd, New York. *See adv index at end of book*

5255— Gauges (Butt)

Goodell-Pratt Co. (Comb.), Greenfield Mass.
Stanley Rule & Level Co. (Metallic), New Britain, Conn.
Williams William Jr. ("Reeves"), New Britain, Conn.

5256— Gauges (Button)

STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

5257—Gauges (Cabinet Makers')

Redin, Ekstrom & Co., Rockford, Ill.

5258— Gauges (Caliper)

Brown & Sharpe Mfg. Co., Providence, R. I.
Morse Twist Drill & Machine Co. (Adjustable), New Bedford, Mass.
Pratt & Whitney Co., Hartford, Conn.
Rogers Jno. M. Wks., Gloucester City, N. J.
Sandow Tool Co., 570 W B'way, New York
Sawyer Tool Mfg. Co., Ashburnham, Mass.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book
Williams J. H. & Co. ("Vulcan" Drop Forged, Unfinished), 31 Richards,
See adv index at end of book

5259— Gauges (Carpenters')

Caldwell Mfg. Co. ("Handy" Rule Gauge), 8 Jones, Rochester, N. Y.
Chapin-Stephens Co., Pine Meadow, Conn.
Disston Henry & Sons, Tacony, Phila., Pa.
Gage Tool Co. ("Gage," Wheel Marking), Vineland, N. J.
Goodell-Pratt Co. (Roller, Single, Double & Triple Beam), Greenfield, Mass.
Sandusky Tool Co., Sandusky, O.
Stanley Rule & Level Co., New Britain, Conn.
Winsted Edge Tool Works, Winsted, Conn.

5260— Gauges (Center)

Athol Machine Co., Athol, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Disston Henry & Sons, Tacony, Phila., Pa.
Goodell-Pratt Co., Greenfield, Mass.
Sawyer Tool Mfg. Co., Ashburnham, Mass.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

5261— Gauges (Chamferer)

Adell Mfg. Co., Orange, Mass.
Bullock Mfg. Associates, Springfield, Mass.
Goodell-Pratt Co., Greenfield, Mass.
Swan James Co. ("Swan's" Drawing Knife), Seymour, Conn.

5262— *Gauges (Chemical)

SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

5263—Gauges (Circumference)

Pratt & Whitney Co. (Car Wheel), Hartford, Conn.
STARRETT L. S. CO., Athol, Mass.
See adv index at end of book

5264— Gauges (Clapboard)

Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.

5265—Gauges (Combination, Recording Pressure & Vacuum)

BRISTOL CO. ("Bristol's"), Waterbury, Conn. *See adv index at end of book*

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See adv index at end of book

5266—*Gauges (Combination, Water Pressure)

FOXBORO COMPANY, THE, Succeeding Industrial Instrument Co. ("Foxboro") Foxboro, Mass.
See adv index at end of book
See adv index at end of book
SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

5267—*Gauges (Compound, Pressure & Vacuum)

FOXBORO COMPANY, THE, Succeeding Industrial Instrument Co. ("Foxboro") Foxboro, Mass.
See adv index at end of book
National Gauge & Equipment Co. ("National"), La Crosse, Wis.
See adv index at end of book
SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

5268—Gauges (Compression)

FOXBORO COMPANY, THE, Succeeding Industrial Instrument Co. ("Foxboro") Foxboro, Mass.
See adv index at end of book

5269— Gauges (Cutting)

Chapin-Stephens Co., Pine Meadow, Conn.
Stanley Rule & Level Co., New Britain, Conn.

5270— Gauges (Cylindrical)

Brown & Sharpe Mfg. Co., Providence. R. I.
Cannon T. J. & Sons Machine Co., Lynn, Mass.
GREENFIELD TAP & DIE CORP'N ("G. T. D" for Threads & Cylindricals), Greenfield, Mass.
See adv index at end of book
Grimes P. L., Milford, Conn.
KNAPP ARTHUR ENGINEERING CORP., 30 Church, New York
See adv index at end of book
Mailometer Co., 1093 Jefferson av, E. Detroit, Mich.
Nelson Tool Co. Inc., 782 E 142d, New York *See adv index at end of book*
Rogers Jno. M. Works, Gloucester City, N. J.

5271— Gauges (Decimal)

Pratt & Whitney Co., Hartford, Conn.

5272— *Gauges (Depth)

STARRETT L. S. O. (THE), Athol, Mass.
See adv index at end of book

5273—Gauges (Depth & Surface)

Athol Machine Co. (Graduated), Athol, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Goodell-Pratt Co., Greenfield, Mass.
Krasberg Mfg. Co., 420 Orleans, Chicago, Ill.
Mailometer Co., 1093 Jefferson av, E. Detroit, Mich.
Nelson Blower & Furnace Co., L & Elkins, Boston, Mass.
New Process Specialty Co., 230 Hanover, Milwaukee, Wis.
See adv index at end of book
Reid Bros. Co., 161 Summer, Boston, Mass.
Sandow Tool Co., 570 W B'way, New York
Sawyer Tool Mfg. Co., Ashburnham, Mass.
Slocomb J. T. Co., 35 Oxford, Providence, R. I.
Swan James Co., Seymour, Conn.

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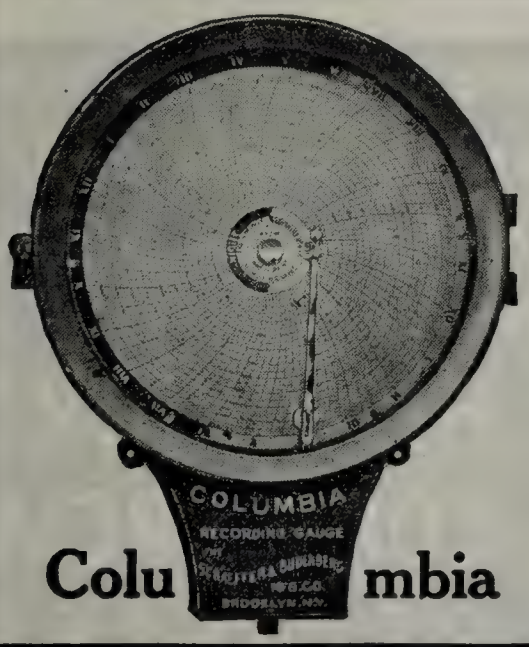

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WALTHAM MICROMETER DIAL GAUGE CO. ("Randall & Stickney" Dial Depth), 248 Ash, Waltham, Mass.
See adv index at end of book

Willemin Mfg. Co., Inc., 181 Eddy, Providence, R. I.

5273a— Gauges (Dial)

WALTHAM MICROMETER DIAL GAUGE CO. ("Randall & Stickney" for Indicating Thickness & Variations), 248 Ash, Waltham, Mass.
See adv index at end of book

5274—*Gauges (Differential Recording)

FOXBORO COMPANY, THE, Succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.
See adv index at end of book

Simplex Valve & Meter Co., 110 N Broad, Phila., Pa.

5275— Gauges (Draft)

American Safety Lamp & Mine Supply Co. ("Westover"), Scranton, Pa.

Bacharach Industrial Instrument Co., 114 Wood, Pittsburgh, Pa.

Defender Automatic Regulator Co., Oriel bldg, St. Louis, Mo.

Ellison Lewis M. ("Ellison," Differential), 214 W Kenzie, Chicago, Ill.

FOXBORO COMPANY, THE, Succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.
See adv index at end of book

McNab Co. ("McNab" Steamship), Bridgeport, Conn. *See adv index at end of book*

National Gauge Co., 300 Pacific, Brooklyn, N. Y.

Pierce Wm. B. Co., Buffalo, N. Y.

Precision Thermometer & Instrument Co., 1434 Brandywine, Phila., Pa.

Sargent Steam Meter Co. ("Sargent," for Pressure or Vacuum), 1902 N California, Chicago, Ill.

SCHAEFFER & BUDENBERG MFG. CO. ("Prof. Carpenter's" Differential, U Tube, Diaphragm New Style), Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.

Tagliabue Chas. J. Mfg. Co. ("D. & L." & "Eames"; Syphon also Pressure), 18 33d, Brooklyn, N. Y.

Taylor Instrument Companies ("Tycos," Rochester, N. Y.
See adv index at end of book

Uehling Instrument Co., 71 B'way, New York

Vulcan Fuel Economy Co., 508 Gaff bldg, Chicago, Ill. *See adv index at end of book*

5276—*Gauges (Draft, Recording)

BRISTOL CO. ("Bristol's"), Waterbury, Conn. *See adv index at end of book*

FOXBORO COMPANY, THE, Succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.
See adv index at end of book

Sargent & Co. ("Perfection" Stebbins), New Haven, Conn.

SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

5277— Gauges (Drill)

Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.

Detroit Twist Drill Co., 555 Fort, Detroit, Mich. *See adv index at end of book*

Standard Tool Co., 6900 Central av, Cleveland, O.

STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

Union Twist Drill Co., Athol, Mass.

5278—*Gauges (Drill, Tap & Wire)

STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

Gauges (Dynamo & Motor Oil)

See Gauges, Oil

5279—*Gauges (Electrically Operated)

CUTLER-HAMMER MFG. CO., 12th & Paul av, Milwaukee, Wis.
See adv index at end of book

5280—Gauges (Expansion Tank)

Buckeye Iron & Brass Works, Dayton, O.

McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.
See adv index at end of book

Ohio Injector Co., Wadsworth, O.

Powell Wm. Co., Cincinnati, O.

5281—*Gauges (Farm Engine)

SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

5282—*Gauges (Fillet or Radius)

STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

5283—Gauges (Flange Thickness)

Pratt & Whitney Co., Hartford, Conn.

5283a— *Gauges (Flat)

Nelson Tool Co., Inc., 782 E. 142nd, New York. *See adv index at end of book*

Gauges (Gas)

See Gauges, Gas Retort

5284—Gauges (Gas Recording Pressure)

American Meter Co. ("Kings"), 3112 N 17th, Phila., Pa.

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.

Ashcroft Mfg. Co. ("Edson"), 119 W 40th, New York

Bacharach Industrial Instrument Co., 14 Wood, Pittsburgh, Pa.

BRISTOL CO. ("Bristol's), Waterbury, Conn. *See adv index at end of book*

Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.

FOXBORO COMPANY, THE, Succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.
See adv index at end of book

Marsh Jas. P. & Co., 118 S Clinton, Chicago, Ill.

National Gauge Co., 300 Pacific, Brooklyn, N. Y.

Phoenix Meter Co., Camden, N. J.

Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.

PITTSBURGH METER CO. (Pressure & Volume), East Pittsburgh, Pa.

Tagliabue C. J. Mfg. Co. (Portable, Recording & Syphon), 18 33d, B'klyn, N. Y.

Taylor Instrument Companies ("Tycos"), Rochester, N. Y.
See adv index at end of book

Uehling Instrument Co., 71 B'way, New York

5285—*Gauges (Gas Recording Pressure Portable)

FOXBORO COMPANY, THE, Succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.
See adv index at end of book

Tagliabue C. J. Mfg. Co., 18 33d, Bklyn, N. Y.

5286— *Gauges (Gas Retort)

See also Pyrometers

SCHAEFER & BUDENBURG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

Gauges (Gasoline)

See Indicators, Fuel Level

5287— Gauges (Height)

Brown & Sharpe Mfg. Co., Providence, R. I.

Builders Iron Foundry, 9 Codding, Providence, R. I.

Krasberg Mfg. Co., 420 Orleans, Chicago, Ill.

STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

Gauges (Hinge)

See Gauges, Butt

5288— *Gauges (Hub)

STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

5289—*Gauges (Hydraulic Recording)

See also Gauges, Water

BRISTOL CO. ("Bristol's), Waterbury, Conn. *See adv index at end of book*

FOXBORO COMPANY, THE, Succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.
See adv index at end of book

SCHAEFFER & BUDENBERG MFG. CO. Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

5290—*Gauges (Illuminated Dial)

SCHAEFFER & BUDENBERG MFG. CO. Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

5291—*Gauges (Indicating & Recording Combined)

SCHAEFFER & BUDENBERG MFG. CO. Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

5292— *Gauges (Inspectors')

FOXBORO COMPANY, THE, Succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.
See adv index at end of book

GREENFIELD TAP & DIE CORP'N ("G. T. D." for Threads & Cylindrical), Greenfield, Mass.
See adv index at end of book

SCHAEFFER & BUDENBERG MFG. CO. Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

STARRETT L. S. CO. (THE) (For Steel Plates), Athol, Mass.
See adv index at end of book

5293— Gauges (Iron Plane)

Goodell-Pratt Co., Greenfield, Mass.

Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.

5294— Gauges (Jewel)

Wennstrom's John Sons Co. (For Jewel Holes), Suffern, N. Y.

5295— Gauges (Jointer)

Millers Falls Co. ("Perfection"), 28 Warren, New York. Works: Millers Falls, Mass.

5296— Gauges (Leather)

Emerich Phil. (Sole Leather), 824 Main, Cincinnati, O.

Snell & Atherton, Brockton, Mass.

Turner Tanning Machinery Co. ("Turner"), Peabody, Mass.

When writing to firms whose names appear in this book please mention
HENDRICKS' COMMERCIAL REGISTER.

5297— Gauges (Limit)

Acme Mfg. Co., 355 Howard, Detroit, Mich.
Atlas Ball Co. (Internal Ball-Plug), 4th & Glenwood, Phila., Pa.
Brown & Sharpe Mfg. Co., Providence, R. I.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
GREENFIELD TAP & DIE CORP'N ("G. T. D." for Threads & Cylindrical), Greenfield, Mass.
See adv index at end of book
Krasberg Mfg. Co., 420 Orleans, Chicago, Ill.
Mallometer Co., 1093 Jefferson av, Detroit, Mich.
Pratt & Whitney Co., Hartford, Conn.
Rogers Jno. M. Works, Gloucester City, N. J.
Swedish Co., 245 W 55th, New York
Taft-Peirce Mfg. Co. (Adjustable), Woonsocket, R. I.
Williams J. H. & Co. (Drop Forged), 31 Richards, B'klyn, N. Y.
See adv index at end of book

5297a—*Gauges (Liquid Level)

Pneumercator Co. Inc., 118 Liberty, New York *See adv index at end of book*

Gauges (Locomotive)

See Gauges, Steam

5298—Gauges (Loss of Head Recording)

BRISTOL CO. ("Bristol's), Waterbury, Conn. *See adv index at end of book*
Builders Iron Foundry ("Venturi"), 9 Codding, Providence, R. I.
FOXBORO COMPANY, THE, succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.
See adv index at end of book
SIMPLEX VALVE & METER CO., 110 N Broad, Phila., Pa.

5299— Gauges (Lumber)

Cleveland Rule Co., 2190 W 59th, Cleveland, O.
Filer & Stowell Co., Milwaukee, Wis.
Lufkin Rule Co., Saginaw, Mich.

5300—Gauges (Marking & Scratch)

Chapin-Stephens Co., Pine Meadow, Conn.
Disston Henry & Sons, Tacony, Phila., Pa.
Johnson E. P. Rule Mfg. Co. ("Johnson" Adjustable Double Screw), 565 Washington blvd, Chicago, Ill.
Leavitt Machine Co. ("Barrett" Roller), Orange, Mass.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Nicholls Mfg. Co. ("Nicholls" Sawtooth, Wheel Roller Marking & Mortise Gauge), Ottumwa, Ia.
Stanley Rule & Level Co., New Britain, Conn.
Stearns E. C. & Co. (Roller), 450 Oneida, Syracuse, N. Y.

5301— Gauges (Measuring)

Carlson Westrom Co. ("Carwen"), Erie av & Richmond, Phila., Pa.
GREENFIELD TAP & DIE CORP'N ("G. T. D." for Threads & Cylindrical), Greenfield, Mass.
See adv index at end of book
KNAPP ARTHUR ENGINEERING CORP., 30 Church, New York
See adv index at end of book
Krasberg Mfg. Co., 420 Orleans, Chicago, Ill.
Model Tool & Gauge Co. (Special), New Haven, Conn.
NORMA CO. OF AMERICA, 1790 B'way, New York *See adv index at end of book*
Reid Bros. Co., 161 Summer, Boston, Mass.
Slocomb J. T. Co., 35 Oxford, Providence, R. I.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL REGISTER

Swedish Co. ("Johansson), 22 W 61st, New York
Up-To-Date Tool Co. (Special), 60k, So Boston, Mass.
See adv index at end of book
WALTHAM MICROMETER DIAL GAUGE CO. ("Randall & Stickney"), 248 Ash, Waltham, Mass.
See adv index at end of book
Williams J. H. & Co. (Drop Forged Caliper), 31 Richards, B'klyn, N. Y.
See adv index at end of book
Wirth John D., New Haven, Conn.

5302— Gauges (Mercury)

American District Steam Co. ("Adsco"), No. Tonawanda, N. Y.
American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
FOXBORO COMPANY, THE, succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.
See adv index at end of book
National Gauge Co. (Also Mercury Vacuum Gauges), 300 Pacific, Brooklyn, N. Y.
Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
Quimby Engineering Co. ("Shaw"), 913 Ridge av, Phila., Pa.
SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book
Tagliabue Chas. J. Mfg. Co., (Mercury Pressure; Syphon), 18 33d, Brooklyn, N. Y.
Uehling Instrument Co., 71 B'way, New York

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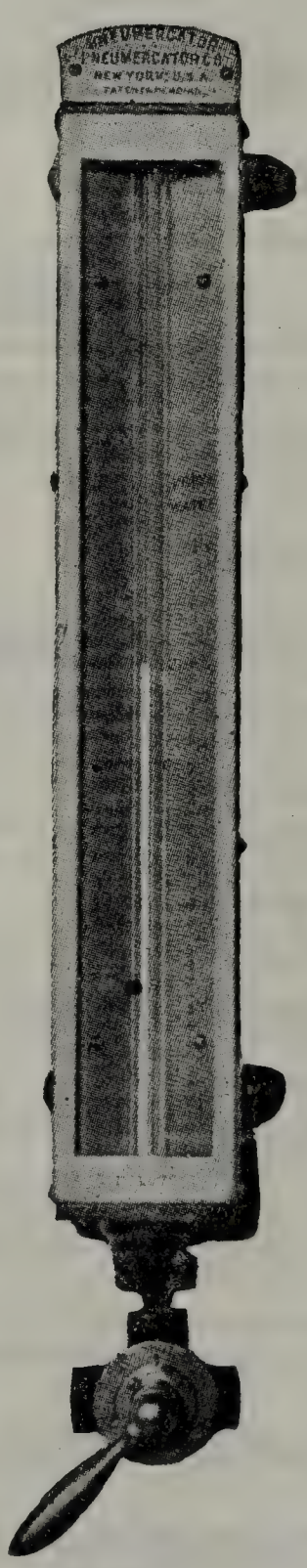

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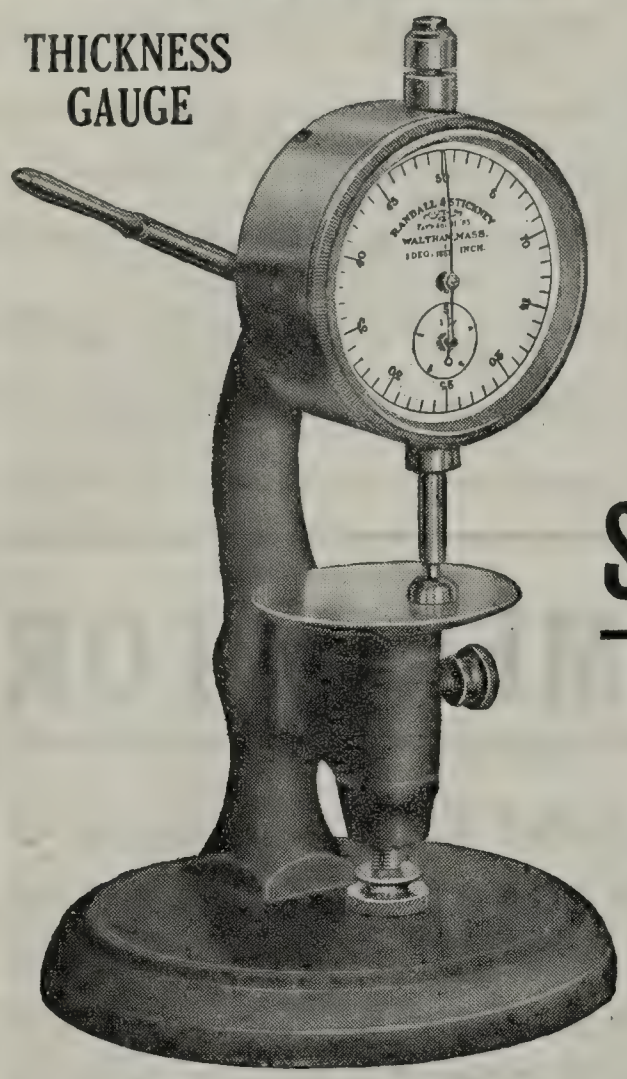

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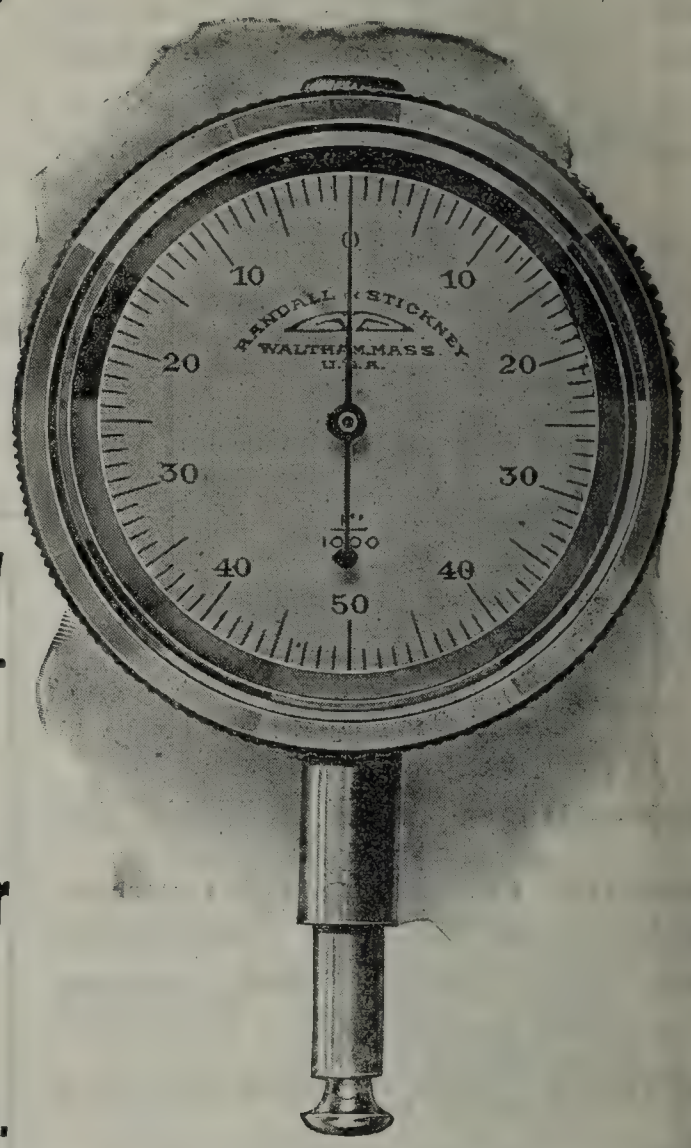

5303— Gauges (Micrometer)

Ames B. C. Co. (Dial), Waltham, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Davis Mfg. Co. ("3 to 72"), Milwaukee, Wis.
Emerson Apparatus Co. (Inside), 251 Causeway, Boston, Mass.
Goodell-Pratt Co., Greenfield, Mass.
See adv index at end of book
Haines Gauge Co. (Automatic), 119 S 4th, Phila., Pa.
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
Reed Small Tool Works (Micrometer Caliper), Worcester, Mass.
Sawyer Tool Mfg. Co. (Standard Inside), Ashburnham, Mass.
Slocomb J. T. Co. (Paper, Tube, Thread, Plate Makers, Rolling Mill, Cartridge, etc.), 35 Oxford, Providence, R. I.
STARRETT L. S. CO. (THE) (Outside, Inside & Metric), Athol, Mass.
See adv index at end of book
Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.
WALTHAM MICROMETER DIAL GAUGE CO. ("Randall & Stickney"), 248 Ash, Waltham, Mass.
See adv index at end of book

5304— *Gauges (Mine Fan)

BRISTOL CO., ("Bristol's" Recording), Waterbury, Conn.
See adv index at end of book

FOXBORO COMPANY, THE, succeeding Industrial Instrument Co. ("Foxboro" Recording), Foxboro, Mass.
See adv index at end of book

5305— Gauges (Mine Water)

Am Safety Lamp & Mine Supply Co. (U Tube), Scranton, Pa.
Everhart Brass Works (For Showing Pressure of Air in Mines), Scranton, Pa.
Philadelphia Thermometer Co., 9th & Arch, Phila., Pa.

5306— Gauges (Mitre)

Miotke Joseph ("Acme Handy"), 144 Clinton, Milwaukee, Wis.

5307— Gauges (Oil)

Akron-Selle Co. (& Gasoline), Akron, O.
Auto Parts Co. ("Apco"), 702 Eddy, Providence, R. I.
Buckeye Iron & Brass Works, Dayton, O.
Edelmann E. & Co., 341 E Ohio, Chicago, Ill.
Hall Mfg. Co., Harrison, N. J.
LUNKENHEIMER CO. ("Triplex"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Pneumercator Co., Inc., 118 Liberty, New York *See adv index at end of book*
Powell Wm. Co. ("Powell" for Dynamos, Motors, etc), Cincinnati, O.
Rochester Mfg. Co., 891 Halstead, Rochester, N. Y.
Sherwood Mfg. Co., 1709 Elmwood, Buffalo, N. Y.

5308— Gauges (Paper)

Ashton Valve Co. (Paper Test), 161 First, Cambridge, Mass.
Slocomb J. T. Co., 35 Oxford, Providence, R. I.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

5308a—*Gauges (Petrol Depth)

BRISTOL CO., ("Bristol's" Recording), Waterbury, Conn.
See adv index at end of book
National Gauge & Equipment Co. ("National"), La Crosse, Wis.
See adv index at end of book

5309—Gauges (Planer & Shaper)

Sawyer Tool Mfg. Co. (Planer), Ashburnham, Mass.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

5310—Gauges (Plug & Ring)

Atcheson & Barok Die Tool Co., 43 W Long Columbus, Ohio
Beach Mfg. Co., Little bldg, Boston, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.

GAUGES: Plug, Ring, Thread, Snap, Limit, Profiles, etc.

VAN DEMAN MACHINERY SPECIALTIES CO.

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Central Tool & Die Co., Dayton, Ohio
Clough R. M., Tolland, Conn.
GREENFIELD TAP & DIE CORP'N. ("G. T. D." for Threads & Cylindrical), Greenfield, Mass.
See adv index at end of book
Krasberg Mfg. Co., 420 Orleans, Chicago, Ill.
Laganke Chas. F., 116 St. Claire av N E, Cleveland, Ohio
Mailometer Co., 1093 Jefferson av, E. Detroit, Mich.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Nelson Tool Co., Inc., 782 E 142nd, New York *See adv index at end of book*
Pratt & Whitney Co., Hartford, Conn.
Tucker Chas. E. Mfg. Co., York, Pa.

5310a— Gauges (Profile)

Cannon T. J. & Sons Machine Co., Lynn, Mass.
GODDARD TOOL CO. (& Thread), 351 W Chicago av, Chicago, Ill.
Grimes P. L., Milford, Conn.
Krasberg Mfg. Co., 420 Orleans, Chicago, Ill.
Laganke Chas. F., 116 St. Claire av N E, Cleveland, Ohio

5311—*Gauges (Pyrometer, Steam Pressure & Temperature)

SCHAEFFER & BUDENBERG MFG. CO., Berry & So 5th, Brooklyn, N. Y.
See adv index at end of book

5312—Gauges (Radial Grinding)

Union Twist Drill Co., Athol, Mass.

5313— *Gauges (Radius)

STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

5314— Gauges (Rain)

Draper Mfg. Co., 152 Front, New York
Green Henry J. (Also Snow), 1191 Bedford av, Brooklyn, N. Y.
International Instrument Co. ("Ferguson") 23 Church, Cambridge, Mass.
Tagliabue Chas. J. Mfg. Co., 18-33rd, Brooklyn, N. Y.
Taylor Instrument Companies ("Tycos"), Rochester, N. Y.
See adv index at end of book

Gauges (Raker)

See Gauges, Saw

5315—Gauges (Recording Pressure)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
Ashcroft Mfg. Co. ("Edson"), 119 W 40th, New York
Ashton Valve Co., 161 First, Cambridge, Mass.
Bacharach Industrial Instrument Co., 14 Wood, Pittsburgh, Pa.
BRISTOL CO. ("Bristol's"), Waterbury, Conn. *See adv index at end of book*
Cleveland Steam Gauge Co., 1108 W 9th, Cleveland, O.
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
FOXBORO COMPANY, THE, Succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.
See adv index at end of book
Jones Gauge Co. ("Peerless" & "Crown"), Boston, Mass.
McDonough Automatic Regulator Co. ("McDonough" for Steam), 716 Gd. River, Detroit, Mich.
Marsh Jas. P. & Co., 118 S Clinton, Chicago, Ill.
NASON MFG. CO. (Jobbers), 71 Fulton, New York *See adv index at end of book*
National Gauge Co., 300 Pacific, Brooklyn, N. Y.
National Gauge & Equip't Co., La Crosse, Wis.
Pittsburgh Gage & Supply Co. ("Pittsburgh"), 30th & Liberty av, Pittsburgh, Pa.
Precision Instrument Co., Detroit, Mich.
Quimby Engineering Co. ("U. S. Standard" Mercurry), 913 Ridge av, Phila., Pa.
SCHAEFFER & BUDENBERG MFG. CO. (Gas Pressure, Hydraulic Pressure, Ammonia Pressure, Steam Pressure & Water Pressure Recording Gauges), Berry & So 5th, Brooklyn, N. Y.
See adv index at end of book
Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.
Tagliabue C. J. Mfg. Co. (Recording & Syphon), 18 33d, B'klyn, N. Y.
Uehling Instrument Co., 71 B'way, New York
United States Gauge Co., 67 Wall, New York

5316—*Gauges (Recording Pressure Portable)

FOXBORO COMPANY, THE, Succeeding, Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.
See adv index at end of book
Milford Tool & Engng Co., Milford, Conn.

5317—*Gauges (Recording Tide)

BRISTOL CO. ("Bristol's), Waterbury, Conn. *See adv index at end of book*
FOXBORO COMPANY, THE, Succeeding, Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.
See adv index at end of book

5318—*Gauges (Recording Vacuum)

BRISTOL CO. ("Bristol's), Waterbury, Conn. *See adv index at end of book*
FOXBORO COMPANY, THE, Succeeding, Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.
SCHAEFFER & BUDENBERG MFG. CO., Berry & So 5th, Brooklyn, N. Y.
See adv index at end of book

5319—*Gauges (Revolution Recording)

BRISTOL CO. ("Bristol's), Waterbury, Conn. *See adv index at end of book*
FOXBORO COMPANY, THE, Succeeding, Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.
See adv index at end of book
SCHAEFFER & BUDENBERG MFG. CO., Berry & So 5th, Brooklyn, N. Y.
See adv index at end of book

Gauges (Rolling Mill)

See Gauges, Micrometer

5320— Gauges (Saw)

Atkins E. C. & Co., Indianapolis, Ind.
Beach Mfg. Co., Montrose, Pa.
Disston Henry & Sons, Tacony, Phila., Pa.
Fox Z. F. & Son, Freeport, Mich.
Hoe R. & Co., 504 Grand, New York
Kantslip Co. ("Standard" Automatic), Freeport, Mich.
Kilborn & Bishop Co. ("The Champion Forged"), New Haven, Conn.
Miner J. H. Saw Mfg. Co., Lumberton, Miss.
Morin S. J. ("Morin's" Raker For Cross-Cut Saws), Seattle, Wash.
Prouty C. & Co., Eldred, Pa.
Seymour James M., Jr., 43 Lawrence, Newark, N. J.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Smith H. B. Machine Co., Smithville, N. J.

5321— Gauges (Scratch)

Goodell-Pratt Co., Greenfield, Mass.
Sawyer Tool Mfg. Co., Ashburnham, Mass.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book
Welch T. F. Co., 55 Sudbury, Boston, Mass.

5322—Gauges (Screw Pitch)

Atcheson & Barok Die Tool Co., 43 W Long, Columbus, Ohio
Athol Machine Co. ("Key Ring" & "Premier"), Athol, Mass.
Automatic Engraving & Mfg. Co., Inc., 79 E 130th, New York
Goodell-Pratt Co., Greenfield, Mass.
GREENFIELD TAP & DIE CORPN. ("G. T. D."), Greenfield, Mass.
See adv index at end of book
Krasberg Mfg. Co., 420 Orleans, Chicago, Ill.
New Process Specialty Co., 230 Hanover, Milwaukee, Wis.
See adv index at end of book
Pratt & Whitney Co., Hartford, Conn.
Reed & Prince Mfg. Co., Worcester, Mass.
Scott-Fetzer Mach. Co., W 114th & Locust av, Cleveland, Ohio
Sawyer Tool Mfg. Co., Ashburnham, Mass.
Sheffield Mach. & Tool Co., Dayton, Ohio
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book
Willemin Mfg. Co., Inc., 181 Eddy, Providence, R. I.
Wood & Spencer Co. ("Snap"), Cleveland, O.

5323—Gauges (Sheet Metal & Wire)

Brown & Sharpe Mfg. Co., Providence, R. I.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Disston Henry & Sons, Tacony, Phila., Pa.
Gerecke August, Carlstadt, N. J.
Nov. Elec. Co., 50 N 4th, Phila., Pa.
Peck, Stow & Wilcox Co., Southington, Conn.
Pratt & Whitney Co. (Decimal), Hartford, Conn.
Slocomb J. T. Co., 35 Oxford, Providence, R. I.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book
Vulcan Hardware Co., Carlstadt, N. J.

5324—Gauges (Sheet Rubber Measuring)

Hoggson & Pettis Mfg. Co., New Haven, Conn.
Slocomb J. T. Co., 35 Oxford, Providence, R. I.

5325— Gauges (Shingle)

Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Wagner Mfg. Co., Cedar Falls, Ia.

5326— Gauges (Snap)

Atchison & Borok Die Tool Co., 43 W Long, Columbus, Ohio
Automatic Engraving & Mfg. Co., Inc., 79 E 130th, New York
Beach Mfg. Co., Little bldg, Boston, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Cannon T. J. & Sons Machine Co., Lynn, Mass.
Central Tool & Die Co., Dayton, Ohio
Clegg Mfg. & Tool Co., Attleboro, Mass.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
GREENFIELD TAP & DIE CORPN. ("G. T. D." for Threads & Cylindrical), Greenfield, Mass.
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Grimes P. L., Milford, Conn.
Krasberg Mfg. Co., 420 Orleans, Chicago, Ill.
Laganke Chas. F., 116 St. Claire av, Cleveland, Ohio
Mailometer Co., 1093 Jefferson av, E. Detroit, Mich.
Nelson Tool Co., Inc., 782 E 142nd, New York *See adv index at end of book*
New Process Specialty Co., 230 Hanover, Milwaukee, Wis.
See adv index at end of book
Pratt & Whitney Co., Hartford, Conn.
Reid Bros., 161 Summer, Boston, Mass.
Screw Machine Products Corp, 1012 Eddy, Providence, R. I.
Tucker Chas. E. Mfg. Co., York, Pa.

5327— *Gauges (Sole)

STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

5328—*Gauges (Speed Recording)

BRISTOL CO. ("Bristol's), Waterbury, Conn. *See adv index at end of book*
FOXBORO COMPANY, THE, Succeeding, Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.
See adv index at end of book

5329— *Gauges (Stair)

STARRETT L. S. CO. (THE), (For Carpenters, etc), Athol, Mass.
See adv index at end of book

5330— Gauges (Steam)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
Ashcroft Mfg. Co., 119 W 40th, New York
Ashton Valve Co., 161 First, Cambridge, Mass.
Azadian Gauge Mfg. Co., Syracuse, N. Y.
Belfield H. Co., 435 N Broad, Phila., Pa.
Bogardus Nelson Co. ("Barion," "Trident," "Tre-Foil"), Marshalltown, Ia.
BRISTOL CO. ("Bristol's" Recording), Waterbury, Conn.
See adv index at end of book
Cleveland Steam Gauge Co., 1108 W 9th, Cleveland, O.
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
FOXBORO COMPANY, THE, Succeeding, Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.
See adv index at end of book
Hoppe Paul F Co., 123 Liberty, New York
McRae & Roberts Co., 227 Campbell av, Detroit, Mich.
See adv index at end of book
Marsh Jas. P. & Co., 118 S Clinton, Chicago, Ill.
NASON MFG. CO. (Jobbers), 71 Fulton, New York. *See adv index at end of book*
NATIONAL GAUGE & EQUIPMENT CO. ("National"), La Crosse, Wis.
See adv index at end of book
National Steam Specialty Co. ("National"), 16 S Clinton, Chicago, Ill.
New England Steam Gauge Co., Penn av, Niantic, Conn.
Paxson J. W. Co., 1021 N Delaware av, Phila., Pa.
Pittsburgh Gage & Supply Co. ("Pittsburgh" Recording), 30th & Liberty av, Pittsburgh, Pa.
Pratt & Cody Co. ("P. & C"), Hartford, Conn.
Precision Instrument Co., Detroit, Mich.
Quimby Engineering Co. ("U. S. Standard"), 913 Ridge av, Phila., Pa.
Reliance Gauge Column Co., Cleveland, O.
SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book
Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.
Tagliabue C. J. Mfg. Co. (Recording & Syphon), 18 33d, Bklyn, N. Y.
U. S. Gauge Co., 67 Wall, New York
Wright Mfg. Co., 97 Woodbridge, W Detroit, Mich.
Zaubitz August, 95 Cliff, New York

5331—*Gauges (Sulphite Digester)

FOXBORO COMPANY, THE, Succeeding, Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.
See adv index at end of book
SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

Gauges (Surface)

See Gauges, Depth & Surface

Gauges (Syphon)

See Gauges Steam

5332— *Gauges (Tank)

Nat'l Gauge & Equip't Co. ("National"), La Crosse, Wis.
See adv index at end of book
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Pneumercator Co., Inc., 118 Liberty, New York *See adv index at end of book*
Rochester Mfg. Co., 29 Halstead, Rochester, N. Y.
SCHAEFFER & BUDENBERG MFG. CO., Berry & So 5th, Brooklyn, N. Y.
See adv index at end of book

5333—Gauges (Tank Acid Metal)

Eastwood Wire Mfg. Co., Belleville, N. J.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book

5334—*Gauges (Tank Gauge, Pneumatic)

SCHAEFFER & BUDENBERG MFG. CO., Berry & So 5th, Brooklyn, N. Y.
See adv index at end of book

5335— *Gauges (Taper)

STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

5336—*Gauges (Telescoping)

STARRETT L. S. CO. (THE), (Inside), Athol, Mass. *See adv index at end of book*

Gauges (Temperature Regulating)

See Pyrometers

Gauges (Test)

See Gauges, Steam

5337— Gauges (Test, Pocket)

Ashton Valve Co., 161 First, Cambridge, Mass.
Bogardus-Nelson Co. ("Barion," "Trident," "Tre-Foil"), Marshalltown, Ia.
Marsh Jas. P. & Co., 118 S Clinton, Chicago, Ill.
Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.

5338— Gauges (Thickness)

Brown & Sharpe Mfg. Co., Providence, R. I.
Clegg Mfg. & Tool Co., Attleboro, Mass.
Coats Mach. Tool Co. ("Prestwick" Fluid Gauge), 30 Church, New York
Goodell-Pratt Co., Greenfield, Mass.
Krasberg Mfg. Co., 420 Orleans, Chicago, Ill.
Precision Thermometer & Instrument Co., 1434 Brandywine, Phila., Pa.
Randall Frank E. (Rubber), Waltham, Mass.
RANDALL & STICKNEY (Dial), Waltham, Mass.
Sawyer Tool Mfg. Co., Ashburnham, Mass.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book
Union Tool Co., Orange, Mass.
Willemin Mfg. Co., Inc., 181 Eddy, Providence, R. I.

5338a— Gauges (Thread)

Bicknell-Thomas Co. (Thread Lead), Greenfield, Mass.
Browne & Sharpe Mfg. Co. ("Acme"), Providence, R. I.
Goodell-Pratt Co., Greenfield, Mass.
Greenfield Tap & Die Corpn., Greenfield, Mass. *See adv index at end of book*
Van Deman Machy. Specialties Co., 30 Church, New York
See adv index at end of book

5339—Gauges (Tire Pressure)

Allen Auto Specialty Co. ("Allen" Tyrometer), 16 W 61st, New York
Azadian Gauge Mfg. Co., Syracuse, N. Y.
Improved Gauge Mfg. Co. ("Pressurite"), 320 West Water, Syracuse, N. Y.
Marsh Jas. P. & Co., 118 S Clinton, Chicago, Ill.
Michelin Tire Co., Milltown, N. J.
National Gauge & Equipment Co. ("National"), La Crosse, Wis.
See adv index at end of book
Schrader's A. Son, Inc. ("Schrader Universal" & "Gartchell"), 783-803 Atlantic av, Brooklyn, N. Y.
Twitchell Gauge Co. ("Twitchell"), 1516 S Wabash av, Chicago, Ill.

5340— Gauges (Track)

Aldon Co. ("Huntington"), 3338 W Ravenswood av, Chicago, Ill.
Buda Co. ("Huntington," "Cafrey-Huntington" & "McManus" Combined Track Gauge & Lever), Railway Exchange bldg, Chicago, Ill.
Disston Henry & Sons, Tacony, Phila., Pa.
Fairbanks, Morse & Co. ("Sheffield" Circular, Radial, etc.), 900 S Wabash av, Chicago, Ill.
Handlan-Buck Mfg. Co., 210-14 N 3d, St. Louis, Mo.
Iron City Tool Wks., Ltd., 3201 Smallman, Pittsburgh, Pa.
Irving Mfg. & Tool Co., 157 Chambers, New York
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Sheffield Car Co. ("The McHenry"), Three Rivers, Mich.
Verona Tool Works, Oliver bldg, Pittsburgh, Pa.

Gauges (Twist Drill)

See Gauges, Drill

5341—Gauges (Unison Telemetric Pressure)

Connelly Iron Sponge & Governor Co., 227 Fulton, New York

5342—Gauges (Universal Screw Cutting)

Disston Henry Sons, Tacony, Phila., Pa.
Pratt & Whitney Co., Hartford, Conn.
Smith Otis A. (Countersunk and Depth), Rockfall, Conn.

5343— Gauges (Urn)

Haydenville Co., Haydenville, Mass.
McRAE & ROBERTS CO. (Coffee, etc.), 227 Campbell av, Detroit, Mich.
See adv index at end of book

Gauges (Vacuum)

See Gauges, Steam

5344—*Gauges (Vacuum Draft)

BRISTOL CO. ("Bristol's" Recording), Waterbury, Conn.
See adv index at end of book
FOXBORO COMPANY, THE, succeeding Industrial Instrument Co., ("Foxboro"), Foxboro, Mass.
See adv index at end of book

5345— Gauges (Water)

American District Steam Co. ("Adsco") No. Tonawanda, N. Y.
American Safety Lamp & Mine Supply Co. (U Tube), Scranton, Pa.
American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
Ashcroft Mfg. Co. (Pressure Self-Closing "Keyser" Automatic), 119 W 40th, New York
Ashton Valve Co., 161 First, Cambridge, Mass.
Belfield H. Co., 435 N Broad, Phila., Pa.
Belknap Mfg. Co., Bridgeport, Conn.
Bogardus-Nelson Co. ("Trident," "Barion," "Tre Foil"), Marshalltown, Ia.
Bordo L. J. Co., 12th & Thompson, Phila., Pa.
Bridgman Bros. Co., 1426 Washington av, Philadelphia, Pa.
BRISTOL CO. ("Bristol's" Water Level), Waterbury, Conn.
See adv index at end of book
Buckeye Iron & Brass Works, Dayton, O.
Capitol Brass Works, Detroit, Mich.
Cleveland Steam Gauge Co., 1108 W 9th, Cleveland, O.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
Detroit Brass Works, Detroit, Mich.
Detroit Lubricator Co. ("Detroit" Expansion Tank), Detroit, Mich.
FOXBORO COMPANY, THE, succeeding Industrial Instrument Co., ("Foxboro"), Foxboro, Mass.
See adv index at end of book
French H. P. Co., Inc., 320 B'way, New York *See adv index at end of book*
Haydenville Co., Haydenville, Mass.
Hoffman B. Mfg. Co. (Combination Water & Steam Gauge & "Graber" Indicating Automobile), 257 6th, Milwaukee, Wis.
Huyette Paul B. Co. (The "P. B. H." Quick Closing), 5 S 18th, Phila., Pa.
Jarecki Mfg. Co., Erie, Pa.
Jenkins Bros. ("Graber" Automatic), 80 White, New York
JERGUSON GAGE & VALVE CO. ("Reflex," "Klinger," "Jerguson" and to

Specification), 358 Atlantic av, Boston, Mass.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Lonergan J. E. Co. (Automatic Safety), 211 Race, Phila., Pa.
LUNKENHEIMER CO. ("Monitor," Automatic & Plain). Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McCoy Joseph F. Co. ("Davis" imported), 157 Chambers, New York
McNab & Harlin Mfg. Co., 55 John, New York
McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.
See adv index at end of book
Marion Machine, Foundry & Supply Co. ("Alexander," for Boilers), Marion, Ind.
Michigan Lubricator Co. ("Michigan," Self-Clearing, Automatic, etc), Detroit, Mich.
Northern Tool Co. ("Northern" Self-Closing Safety), Utica, N. Y.
Ohio Blower Co. (Automatic Safety), 9300 Detroit av, Cleveland, O.
Ohio Brass Co. ("O. B."), Mansfield, O.
Ohio Injector Co., Wadsworth, O.
Okadee Co. ("Okadee" Reflex), 14 E Jackson bl., Chicago, Ill.
Penberthy Injector Co., 346 Holden av, Detroit, Mich.
Pittsburgh Gage & Supply Co. ("Pittsburgh" Automatic & "Gaco" Self-Closing), 30th & Liberty av, Pittsburgh, Pa.
Pneumercator Co., Inc., 118 Liberty, New York *See adv index at end of book*
Powell Wm. Co., Cincinnati, O.
Pratt & Cady Co. ("P. & C."), Hartford, Conn.
Queen City Brass & Iron Works, Cincinnati, O.
Reliance Gauge Column Co. ("Reliance" Lever, Quick Closing), Cleveland, O.
Rich Mfg. Co. (Quick Closing), 370 Atlantic av, Boston, Mass.
Roberts Brass Mfg. Co., Detroit, Mich.
Sargent Co. ("Reflex" for Locomotives), Fisher bldg, Chicago, Ill.
SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book
Star Brass Mfg. Co. ("Eureka"), 108 E Dedham, Boston, Mass.
Sterling & Skinner Mfg. Co., 2672 E Gd. blvd, Detroit, Mich.
Swift Lubricator Co., Elmira, N. Y.
Tagliabue J. C. Mfg. Co. (Pressure, Syphon), 18 33d, B'klyn, N. Y.
Vaile-Kimes Co. ("V. & K."), Dayton, O.
Van Duzen E W. Co., 428 E 2d, Cincinnati, O.
Watertown Specialty Co. ("Watertown" Automatic Safety), Watertown, N. Y.
Western Valve Co., 188 N Market, Chicago, Ill.
Williams Gauge Co. ("Williams," "Quick Closing," "Success" & "Sterling"), 543 4th av, Pittsburgh, Pa.
Wiltbonco Mfg. Co. ("Klinger," "Reflex," "Wiltbonco"), 24 Porter, Boston, Mass.
Wright Mfg. Co. ("The Wright" Water Pressure, Self-Closing), 97 Woodbridge W, Detroit, Mich.

5346—*Gauges (Water Depth)

BRISTOL CO. ("Bristol's"), Waterbury, Conn. *See adv index at end of book*
FOXBORO COMPANY, THE, succeeding Industrial Instrument Co., ("Foxboro"), Foxboro, Mass.
See adv index at end of book
SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

5347—Gauges (Water Level)

Bacharach Industrial Instrument Co., 14 Wood, Pittsburgh, Pa.
BRISTOL CO. ("Bristol's" Recording), Waterbury, Conn.
See adv index at end of book
Builders Iron Foundry, 9 Codding, Providence, R. I.
FOXBORO COMPANY, THE, succeeding Industrial Instrument Co., ("Foxboro"), Foxboro, Mass.
See adv index at end of book
Hydro Mfg. Co. (Recording), Bullitt bldg, Phila, Pa.
JERGUSON GAGE & VALVE CO. (Standard and to Specification), 358 Atlantic av, Boston, Mass.
Pneumercator Co., 118 Liberty, New York
Rochester Mfg. Co., 891 Halstead, Rochester, N. Y.

Gauges (Water Pressure)

See Gauges, Water

5348—*Gauges (Water, Self-Cleaning)

McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.
See adv index at end of book

5349—*Gauges (Waterworks)

SCHAEFFER & BUDENBERG MFG. C., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

5349a—Gauges (Welding Outfit)

NATIONAL GAUGE & EQUIPMENT CO. ("Natweld"), La Crosse, Wis.
See adv index at end of book

5350— Gauges (Wheel)

Gage Tool Co. ("Gage" Marking), Vineland N. J.

Gauges (Wind)

See Anemometers

5350a— *Gauges (Wire)

See also Gauges, Sheet Metal & Wire
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

5351—Gauges (Wireman's Calculating)

Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book

5352— Gauges (Wood Plane)

Goodell-Pratt Co., Greenfield, Mass.

5353—Gauges (Worm Thread Tool)

Brown & Sharpe Mfg. Co., Providence, R. I.
Morse Twist Drill & Machine Co., New Bedford, Mass.

5354—Gauges (Worn Coupler & Wheel Defect)

Pratt & Whitney Co., Hartford, Conn.

5355— Gauze (Surgical)

Aseptic Products Co., 237 Borden av, Long Island City, N. Y.
Griswoldville Mfg. Co., Griswoldville, Mass.
Johnson & Johnson, New Brunswick, N. J.
Lewis Mfg. Co., Walpole, Mass.
New Hartford Cotton Mfg. Co., New Hartford, N. Y.
Safety First Supply Co., Hartje bldg, Pittsburgh, Pa.
Seabury & Johnson, 59 Maiden la, New York
Southern Aseptic Laboratories, Columbia, S. C.

5356— *Gavels

ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*

5357— Gear Blanks

Allegheny Forging Co. (Steel), 1st Nat'l Bk. Bldg, Pittsburgh, Pa.
American Manganese Bronze Co. (Bronze), 3501 Rhawn, Phila., Pa.
American Vulcanized Fibre Co. (Fibre), Equitable bldg, Wilmington, Del.
Anderson Forge & Machine Co. (Drop Forged), Detroit, Mich.
Atlantic Steel Casting Co (Open hearth), Chester, Pa.
Atlas Steel Casting Co. (Cast Steel), Buffalo, N. Y.
Bay City Forge Co., 1820 Cranberry, Erie, Pa.
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Blount Engineering Co., 100 High, Boston, Mass.
Bonney-Floyd Co. (Cast Steel), Columbus, O.
Boston Forge Co. (Forged Steel), E Boston, Mass.
Cambria Steel Co., Widener Bldg, Phila., Pa.
Carnegie Steel Co. (Rolled Steel), Carnegie bldg, Pitttsburgh, Pa.

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DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*
DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book
Diamond State Fibre Co. (Hard Fibre), Elsmere, Del.
Dundore Mfg. Co., 221 So 9th, Reading, Pa.
Electric Welding Co. (Steel), 2196 Clarkwood rd, Cleveland, O.
Forged Steel Wheel Co. (Forged Steel), Pittsburgh, Pa.
GANSCHOW WM. CO. (Castings & Forgings), 1001 Washington blvd, Chicago, Ill. *See adv index at end of book*
Grant Gear Works (All Kinds), 151 Pearl, Boston, Mass. *See adv index at end of book*
Hammond Steel Co. Inc. (Case Hardening), Solway, N. Y.
Horsburgh Forge Co., 17310 St. Clair, Cleveland, O.
Interstate Foundry Co. (Light & Heavy), E 61st & Erie R. R., Cleveland, O.
Irvington Mfg. Co. (Drop Forged), Irvington, N. J.
JOHNSTON & JENNINGS CO., Addison rd., N. Y. C. R. R., Cleveland, O.
See adv index at end of book
Keokuk Hydraulic Tire Setter Co., Keokuk, Ia.
Ladish Drop Forge Co. (Forged), Cudahy, Wis.
Lake Erie Forging Co., Cleveland, O.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
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National Fibre & Insulation Co. (Fibre), Yorklyn, Del.
New England Forge Co., Worcester, Mass.
Ohio Forge Co. (Forged), Cleveland, O.
Park Drop Forge Co. (Drop Forged), 760 E 79th, Cleveland, O.
Philadelphia Roll & Machine Co., 25th & Washington av, Phila., Pa.
Phila. Steel & Forge Co. (Forged Steel), 50 Church, New York
Smith A. O. Co. (Drop Forged), Milwaukee, Wis.
Spaulding J. & Sons Co. (Hard Fibre), P O Box 52, Tonowanda, N. Y.
See adv index at end of book
Standard Fibre Co. (Hard Fibre), Miller st, Somerville, Mass.
STRONG STEEL FOUNDRY CO. (Cast Steel), Buffalo, N. Y.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
Titanium Bronze Co., Niagara Falls, N. Y.
Titusville Forge Co. (Steel), Titusville, Pa.
U. S. Automatic Co., Amherst, O.
Western Drop Forge Co. (Drop Forged), P O Box 386, Marion, Ind.
Western Tool & Forge Co., Brackenridge, Pa.
Williams J. H. & Co., 31 Richards, B'klyn, N. Y. *See adv index at end of book*
Worcester Pressed Steel Co., Worcester, Mass.
Wyman-Gordon Co. (Automobile), Worcester, Mass.

5358— Gear Blanks (Rawhide)

See also Gears & Pinions, Rawhide

Chicago Rawhide Mfg. Co., 1301 Easton av, Chicago, Ill.
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
Grant Gear Works, 151 Pearl, Boston, Mass. *See adv index at end of book*
Holbrook Raw Hide Co., 748 No Main, Providence, R. I.
Horsburgh & Scott Co., 5114 Hamilton, N E, Cleveland, O.
Western Rawhide & Belting Co., 600 So. Pierce, Milwaukee, Wis.

5359— Gear Blanks (Steel)

See also Gear Blanks

Williams J. H. & Co., 31 Richards, B'klyn, N. Y. *See adv index at end of book*

5360— *Gear Bronze

LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y.
See adv index at end of book
Williams J. H. & Co., 31 Richards, B'klyn, N. Y. *See adv index at end of book*

5361— Gear Cases

Columbia Machine Work & Malleable Iron Co. ("Columbia" All Steel or Malleable Iron), Atlantic av & Chestnut, Brooklyn, N. Y.
Columbiana Boiler Co., Columbiana, O.
Dover Boiler Works. Sales Office: 50 Church, New York. Works: Dover, N. J *See adv index at end of book*
Dundore Mfg. Co., 221 So 9th, Reading, Pa.
Electric Service Supplies Co. ("Lyon" Reinforced Steel, "Keystone" Steel), 17th & Cambria, Phila., Pa.
Globe Machine & Stamping Co. (Pressed Steel), 1250 W 76th, Cleveland, Ohio
Lyon Metallic Mfg. Co. ("Lyon" Steel), Aurora, Ill.
Oakes Co. (The), Indianapolis, Ind.
Thayer & Co. ("Chillingworth" One-Piece Seamless & Weldless), 111 B'way, New York
WESTINGHOUSE ELECTRIC & MFG. CO.
East Pittsburgh, Pa.
See adv index at end of book

5362—*Gear Cases (Car Motor)

WESTINGHOUSE ELECTRIC & MFG. CO.
East Pittsburgh, Pa.
See adv index at end of book

5362a—Gear (Locomotive Valve)

Hobart Allfree Co., 37 W Van Buren, Chicago, Ill.
Shaw Propeller Co., 15 Elkins, Boston, Mass.
Standard Valve Gear Co., Toledo, O.

5363—*Gear Molding Machines

HOOVEN, OWENS, RENTSCHLER CO., Hamilton, O. *See adv index at end of book*

5364—Gear Protective Composition

Plomo Specialty Mfg. Co., Cleveland, O.
United States Graphite Co., Saginaw, Mich.
Whitmore Mfg. Co., Iron ct. & Erie Ry., Cleveland, O.

5365— Gear Shifts (Electric)

(For Gasoline Automobiles)

Eclipse Machine Co. (Automobile), 18th, Elmira, N. Y.

5365a—*Gear Shifts (Magnetic)

CUTLER-HAMMER MFG. CO., 12th & Paul av, Milwaukee, Wis.
See adv index at end of book

5365b—*Gearing (Bakelite Micarta)

NUTTALL R. D. CO., Pittsburgh, Pa.
See adv index at end of book

5366— *Gearing (Cane Mill)

GANSCHOW WM. CO., 1001 Washington, blvd, Chicago, Ill.
See adv index at end of book
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

5366a— *Gearing (Mill)

Philadelphia Roll & Machine Co., 25th & Washington av, Phila., Pa.

5367— Gearing (Skylight)

See also Skylight & Ventilating Apparatus

Weiss H. & Co., 83 John, New York

5368— Gearing (Spur)

See Gears, Cut

5369—Gearing (Wharf Drop)

American Engineering Co. ("Winters"), Aramingo & Cumberland, Phila., Pa.
HINDLEY GEAR CO., 1105 Frankford av, Phila, Pa. *See adv index at end of book*
Meisel Press Mfg. Co. (Medium Pitch), 942 Dorchester av, Boston, Mass.

5369a— *Gears

GANSCHOW WM. CO. ("Bakelite"), 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
Philadelphia Roll & Machine Co., 25th & Washington av, Phila., Pa.

5369b— Gears (Airplane)

Grant Gear Works, 151 Pearl, Boston, Mass. *See adv index at end of book*

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5370— Gears (Automobile)

Allegheny Forging Co., 1st Nat'l Bk. bldg, Pittsburg, Pa.
AMERICAN DIE & TOOL CO., Reading, Pa. *See adv index at end of book*
Anderson Rolled Gear Co., Cleveland, O.
Blount Engineering Co., 100 High, Boston, Mass.
Borbein Auto Co., 2109 N 9th, St. Louis, Mo.
Brown-Lipe-Chapin Co., Syracuse, N. Y.
Brown & Sharpe Mfg. Co., Providence, R. I.
Bultman F. H. Co., Cleveland, O.
C. A. S. Products Co., Columbus, O.
Carpenter-Tew Gear Co., 67 35th, B'klyn, N. Y.
Crofoot Gear Works, Cambridge, Mass.
Cullman Wheel Co., 1346 Altgeld, Chicago, Ill.
Davis Rodney, 624 Race, Phila., Pa.
DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich. *See adv index at end of book*
Detroit Standard Gear Co. (All Kinds), Detroit, Mich.
Dundore Mfg. Co., 221 So 9th, Reading, Pa.
Durston Gear Co., Syracuse, N. Y.
Earle Gear & Machine Co., Stenton & Wyoming, Phila., Pa.
FOOTE BROS. GEAR & MACHINE CO., 210 N Carpenter, Chicago, Ill. *See adv index at end of book*
Forg Peter Mfg. Co., 50 Park, Somerville, Mass.
Frost Gear & Forge Co., Jackson, Mich.
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill. *See adv index at end of book*
Gleason Works (Equalized), 2000 University av, Rochester, N. Y.
GRANT GEAR WORKS, 151 Pearl, Boston, Mass. *See adv index at end of book*
Hill-Smith Metal Goods Co., 88 Pearl, Boston, Mass.
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Light Mfg. & Foundry Co., Pottstown, Pa.
Mechanics Machine Co. (Transmission, Also Differential), Rockford, Ill.
Meisel Press Mfg. Co., 942 Dorchester av, Boston, Mass.
Muncie Gear Works, Muncie, Ind.
National Bronze & Aluminum Foundry, 2539 E 79th, Cleveland, O.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Pacific Gear & Tool Wks., 1055 Folsom, San Francisco, Cal.
Park Drop Forge Co., 760 E 79th, Cleveland, O.
Philadelphia Gear Works, East Vine, Philadelphia, Pa.
Ross Gear & Tool Co., Lafayette, Ind.
Spacke F. W. Machine Co., Indianapolis, Ind.
Tichenor F. C. Gear Works, Peoria, Ill.
Van Dorn & Dutton Co., 2978 Woodhill, Cleveland, O.
Virtue & Pound Co., Owatonna, Minn.
Wall R. C. Mfg. Co., 228 N 15th, Phila., Pa.
Warner Gear Co. (Carbon & Alloy Steel), Muncie, Ind.
Williams J. H. & Co. (Forgings), 31 Richards, B'klyn, N. Y. *See adv index at end of book*

5371—Gears (Automobile Speed)

Meisel Press Mfg Co, 942 Dorchester av, Boston, Mass
Park Drop Forge Co., 760 E 79th, Cleveland, O.

5372—Gears (Automobile Steering)

Borbein Auto Co., 2109 N 9th, St. Louis, Mo.
Bultman F. H. Co., Cleveland, O.
Crofoot Gear Works, Cambridge, Mass.
Gemmer Mfg. Co., Detroit, Mich.
Gleason Works, 2000 University av, Rochester, N. Y.
Lavine Gear Co., Racine, Wis.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Schweppe & Wilt Mfg. Co., Detroit, Mich.
Van Dorn Electric Tool Co., 2978 Woodhill, Cleveland, O.
Warner Gear Co., Muncie, Ind.
Warner T. W. Co., Muncie, Ind.
Williams J. H. & Co. (Forgings), 31 Richards, B'klyn, N. Y. *See adv index at end of book*

5372a—Gears (Bakelite Micarts)

Grant Gear Works, 151 Pearl, Boston, Mass. *See adv index at end of book*

5372b— Gears (Bevel)

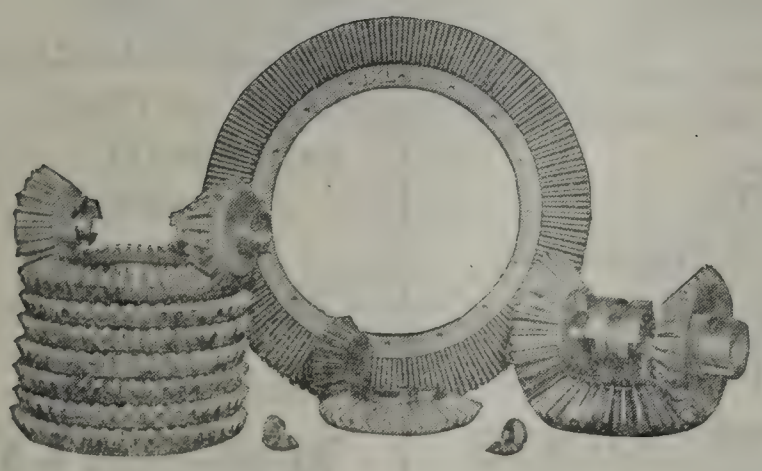
American Die & Tool Co., Reading, Pa. *See adv index at end of book*

5373—Gears (Boom Swinging)

CLYDE IRON WORKS, Duluth, Minn. *See adv index at end of book*
Dake Engine Co., Grand Haven, Mich.
English Iron Works Co., Leekes, Mo.
Grant Gear Works, 151 Pearl, Boston, Mass. *See adv index at end of book*
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Meisel Press Mfg. Co. (Medium Pitch), 942 Dorchester av, Boston, Mass.
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa. *See adv index at end of book*

5374—Gears (Brick Machinery)

FOOTE BROS. GEAR & MACHINE CO., 210 N Carpenter, Chicago, Ill. *See adv index at end of book*



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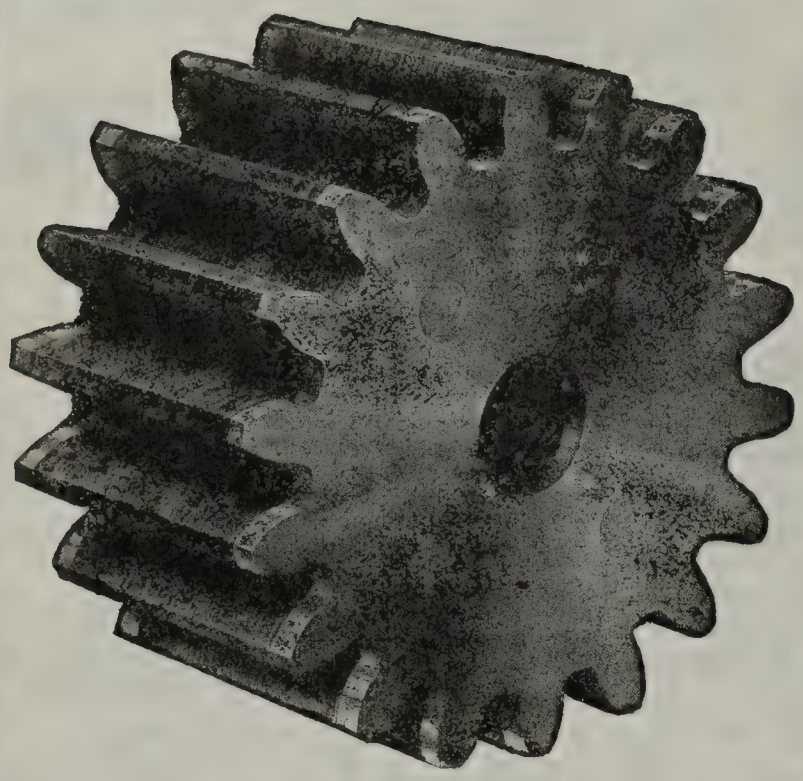

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GANSCHOW WM. CO., 1001 Washington, blvd, Chicago, Ill.
See adv index at end of book

NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

5374a— Gears (Cane Mill)

Fawcus Machine Co. (Up to 20" Die), 1st Nat'l Bank bldg, Pittsburgh, Pa.
See adv index at end of book

5375— *Gears (Car Motor)

FOOTE BROS. GEAR & MACHINE CO., 210-220 N Carpenter, Chicago, Ill.
See adv index at end of book

GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book

GENERAL ELECTRIC CO. (Steel), Schenectady, N. Y.
See adv index at end of book

NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

5375a— *Gears (Cast Iron)

Philadelphia Roll & Machine Co., 25th & Washington av, Phila., Pa.

5376—Gears (Cement Machinery)

See also Gears, Cut; also Machine Molded

FOOTE BROS. GEAR & MACHINE CO., 210 N Carpenter, Chicago, Ill.
See adv index at end of book

GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book

NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

Philadelphia Gear Works, East Vine, Philadelphia, Pa.

Tool Steel Gear & Pinion Co., Township av & Emwood pl, Cincinnati, O.

5376a—*Gears (Charcoal Iron)

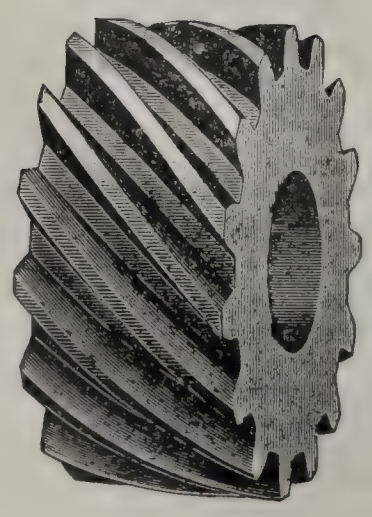
Philadelphia Roll & Machine Co., 25th & Washington av, Phila., Pa.

5377—*Gears (Clock, Meter, Instrument, Etc.)

PLUMB D. S. (Small Gears & Pinions for All Purposes), 73 Norfolk, nr Central av, Newark, N. J.
See adv index at end of book

5377a— *Gears (Cloth)

GERDES & CO., 42 Church, New York
See adv index at end of book



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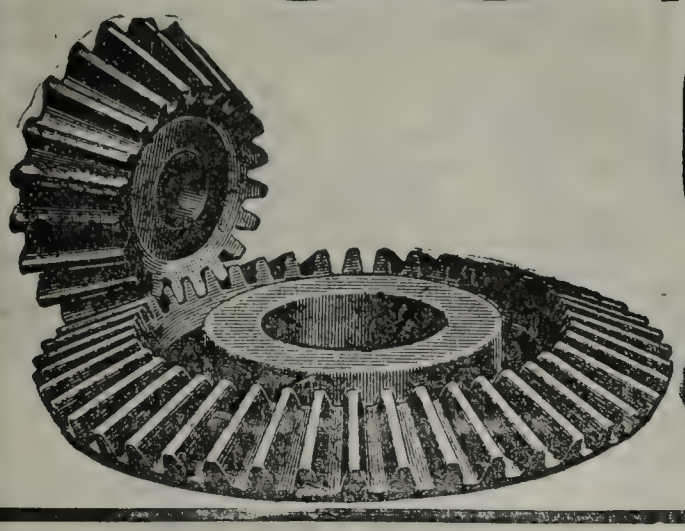

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FOOTE BROS. GEAR & MACHINE CO.

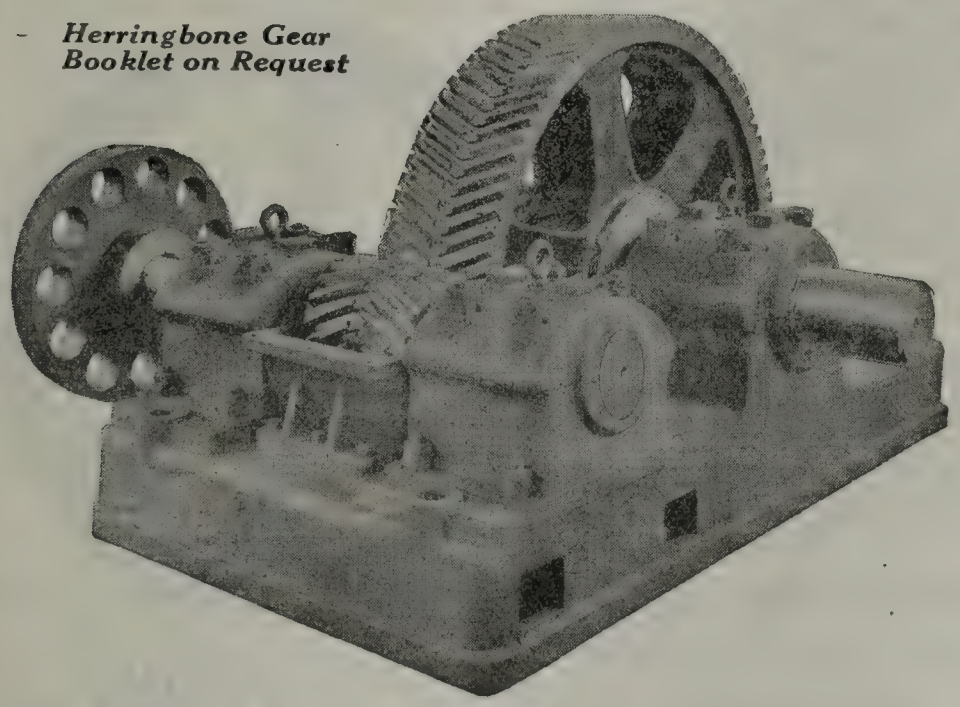
210-220 No. Carpenter St., CHICAGO.

5378— Gears (Cut)

Acme Gear Works, Inc., Mills, Astoria, L. I., N. Y.
Acme Machine Works, 1500 W 18th, St. Louis, Mo.
Akron Gear & Engineering Co., Akron, O.
Albaugh-Dover Co. (Also Helical Cut), 2100 Marshall blvd, Chicago, Ill.
ALLIS-CHALMERS MFG. CO. (Iron & Steel), Milwaukee, Wis.
See adv index at end of book
AMERICAN DIE & TOOL CO., Reading, Pa. *See adv index at end of book*
American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel, Brick Machine, Cement Machine & Tube Mill Gears), 332 S Michigan av, Chicago, Ill.
Arthur Co., 188 Front, New York
Bickett Machine & Mfg. Co. ("Kutrite"), Cincinnati, O.
Bilgram Machine Works, 1235 Spring Garden, Phila., Pa.
Bilton Machine Tool Co. (The), Bridgeport, Conn.
Blount Engineering Co., 100 High, Boston, Mass. *See adv index at end of book*
Boston Gear Works (Bevel, Mitre, Spur, etc., Also Brass), Quincy, Mass.
Braun Machine Works, 1321 Gates av, B'kyn, N. Y.
Brown A. & F. Co., 79 Barclay, New York.
Brown & Sharpe Mfg. Co., Providence, R. I.
Bultman F. H. Co., Cleveland, O.
Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
California Gear Works, 2132 Folsom, San Francisco, Cal
Carpenter-Tew Gear Co., 67 35th, Brooklyn, N. Y.
Catskill Foundry & Mach. Co., Catskill, N. Y.
Chicago Rawhide Mfg. Co., 1301 Elston av, Chicago, Ill.
Chickasaw Machine & Fdry Co., Memphis, Tenn.
Cincinnati Gear Co, 1815 Reading rd, Cincinnati, O.
Cincinnati Gear Cutting Machine Co. (Spur), Elam & Garrard av, Cincinnati, O.
Cleveland Worm & Gear Co., 1667 E 40th, Cleveland, O.
Cohoes Iron Fdry & Mach. Co., Cohoes, N. Y.
Cresson-Morris Co., Allegheny & 18th, Philadelphia, Pa.
Crofoot Gear Works, Cambridge, Mass.
Cross Gear & Engine Co. (Spiral, Worm, Bevel Spur, etc), Detroit, Mich.
Davis Rodney (All Kinds), 624 Race, Philadelphia, Pa.
Detroit Gear & Machine Co., Detroit, Mich.
Dundore Mfg. Co., 221 So 9th, Reading, Pa.

FAWCUS HERRINGBONE GEARS

Herringbone Gear Booklet on Request



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FULL SIZE

GEARS (CUT)—continued

Eagle Tool & Machine Co. (Also Back), 519 South av, Pittsburgh, Pa.
Earle Gear & Machine Co. (Of All Descriptions), Stenton & Wyoming avs, Phila., Pa.
Eastwood Benj. Co., Paterson, N. J.
Electric Novelty Works, 533 Mission, San Francisco, Cal.
Farrel Foundry & Machine Co. (Machine Cut), Ansonia, Conn.
Fawcus Machine Co. (Spur, Bevel, Worm & Herringbone), 1st Nat. Bk. bldg, Pittsburgh, Pa.
See adv index at end of book
Fellows Gear Shaper Co., Springfield, Vt.
Flather E. J. Mfg. Co. (Spur & Bevel), Nashua, N. H.
FOOTE BROS. GEAR & MACHINE CO. ("I. X. L."), 210 N Carpenter, Chicago, Ill. *See adv index at end of book*
Frost Gear & Forge Co. (Bevel, Spiral, Spur), Jackson, Mich.
Gale O. Milton, Syracuse, N. Y.
GANSCHOW WM. CO. (Bevel, Mitre, Mortise, Spur, etc), 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
Gear Grinding Machine Co., Detroit, Mich.
GERDES & CO., 42 Church, New York.
See adv index at end of book

Grant Gear Works

BOSTON, MASS.

Gears and Gear Cutting
Sprockets and Chains
IN STOCK AND TO ORDER

Gleason Works, 2000 University av, Rochester, N. Y.
Grant Gear Works, 151 Pearl, Boston, Mass. *See adv index at end of book*
Great Western Mfg. Co., Leavenworth, Kans.
Hardinge Bros., 4203 Ravenswood av, Chicago, Ill.
Harrington Edwin Son & Co., 17th & Callowhill, Phila., Pa.
HINDLEY GEAR CO., 1105 Frankford av, Phila., Pa.
See adv index at end of book
Holyoke Machine Co., Holyoke, Mass.
Horsburgh & Scott Co., 5114 Hamilton av N E, Cleveland, O.
James D. O. Mfg. Co., 1120 W Monroe, Chicago, Ill.
Jeffrey Mfg. Co., 961 N. Fourth, Columbus, O. *See adv index at end of book*
Johnson Gear Co., 735 Folsom, San Francisco, Cal.
Jolly J. & W. (Spur & Bevel), Holyoke, Mass.
Jones E. D. & Sons Co. (Bevel, Mitre, Mortise Spur, etc), Pittsfield, Mass.
Jones W. A. Foundry & Machine Co. (All Kinds, All Sizes), 4401 W. 12th, Chicago, Ill.
Jurack Chas., 201 Oregon, Milwaukee, Wis.
Keokuk Hydraulic Tire Setter Co., Keokuk, Ia.
Keystone-Hindley Gear Co., Pennsylvania bldg, Phila., Pa.
Lake Shore Engine Works (Spur Gears up to 20 ft. in Diameter & 18 Face), Marquette, Mich.
Lauer Jno. Machine Co., Detroit, Mich.
LEBANON GEAR & MACHINE WORKS, 17th & Forge, Lebanon, Pa.
See adv index at end of book
Lees-Bradner Co., Cleveland, O.
LINK-BELT CO. (Bevel, Mitre, Spur, etc), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa. *See adv index at end of book*
Medart Patent Pulley Co. (Plain or Mortise), 3500 De Kalb, St. Louis, Mo.
Meese & Gottfried Co. (& Cast), 660 Mission, San Francisco, Cal.
Meisel Press Mfg Co, 942 Dorchester av, Boston, Mass
MEISSELBACH - CATUCCI MFG. CO. (Small), 25 Congress, Newark, N. J.
See adv index at end of book

GEARS

Cut and Machine Molded
Including Helical Cut Teeth

(Write for Bulletins K and Ka)

MESTA MACHINE COMPANY
PITTSBURGH, PA., U. S. A.

Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.
Mobile Pulley & Machine Co., Mobile, Ala.
Modern Machinery Co., Wilmington, Del.
National Gear Wheel Foundry, South & Walker, Pittsburgh, Pa.
Newark Gear Cutting Machine Co. (All Kinds), 69 Prospect, Newark, N. J.
New Process Gear Corp. (Cut Rawhide & Metal), Syracuse, N. Y.
New York Gear Works, 56 Greenpoint av, Brooklyn, N. Y.
Nilson-Miller Co. (Bevel Spur, etc), Hoboken, N. J.
Nordyke & Marmon Co. (Mitre, Iron, Spur, Bevel, Mortise, etc), 1290 Kentucky av. Indianapolis, Ind.
NUTTALL R. D. CO. (Spur, Internal, Bevel, Mitre, Spiral, Worm & Herringbone), McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Ohio Machine Tool Co., Kenton, O.
Pacific Gear & Tool Works, 1035 Folsom, San Francisco, Cal.
Philadelphia Gear Works (Bevel Planed Teeth), East Vine, Philadelphia., Pa.
Pittsburgh Gear & Mach. Co., 27th & Smallman, Pittsburgh, Pa.
PLUMB D. S. (Small Gears & Pinions, for Clocks, Meters, Gauges, etc), 73 Norfolk, nr Central av, Newark, N. J.
See adv index at end of book
Poole Engineering & Mach. Co., Woodberry sta., Baltimore, Md.
Redington F. B. Co., 112 S Sangamon, Chicago, Ill.
Ross Machine Co., Lafayette, Ind.
Sawyer Gear & Mfg. Co., 5120 St. Clair, N E, Cleveland, O.
Schell M. P. Mfg. Co., 342 Howard, San Francisco, Cal.
Sier-Bath Co., 143 W 54th, New York
Simonds Mfg Co, Liberty & 25th, Pittsburgh, Pa.
Sipp Machine Co., Paterson, N. J.
Sommerfeld Machine & Mfg. Co. (Bevel, Mortise, Spur, etc), Cast Iron or Brass), 216 2d av, Pittsburgh, Pa.
Standard Fibre Co., Miller st, Somerville, Mass.
Syracuse Raw Hide Mfg. Co. (Cut Raw Hide & Metal), Syracuse, N. Y.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
Tichenor F. C. Gear Works, Peoria, Ill.
Tod, W. E. & F. Co., Pittsburgh, Pa.
Tool Steel Gear & Pinion Co., Township av & Elmwood pl, Cincinnati, O.
Turley Gear & Machine Co., St. Louis, Mo.
Union Gear & Machine Co., 27 Purchase, Boston, Mass.
United Iron Works Co., Kansas City, Mo.
Universal Swing Joint & Machine Co., Louisville, Ky.
Valley Machine Co., Parkersburg, W. Va.
Van Dorn & Dutton Co., 2978 Woodhill, Cleveland, O.
Vulcan Iron Works, Wilkes-Barre, Pa.
Warner Gear Co. (Spur, Bevel & Worm Type), Muncie, Ind.
Western Rawhide & Belting Co., 600 So Pierce, Milwaukee, Wis.
Wilson W. A. Machine Co. Rochester, N. Y.
Woburn Gear Works. Woburn, Mass.
Woodard Machine Co. (Spur, Worm, Bevel, Double Helical), Wooster, O.
Worcester Gear Works, Worcester, Mass.
Yarley Mfg. Co., 1101 W Monroe, Chicago, Ill.

Gears (Die Cast)

See Castings, Die Cast

5379— *Gears (Fan Motor)

FOOTE BROS. GEAR & MACHINE CO., 210 N Carpenter, Chicago, Ill.
See adv index at end of book
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

5380— *Gears (Fibre)

See also Gears, Cut

DELAWARE HARD FIBRE CO., Wilmington, Del.; Works: Marshallton, Del.
See adv index at end of book
FOOTE BROS. GEAR & MACHINE CO., 210 N Carpenter, Chicago, Ill.
See adv index at end of book
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
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See adv index at end of book
National Fibre & Insulation Co., Yorklyn, Del.
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
WILMINGTON FIBRE SPECIALTY CO., Wilmington, Del.
See adv index at end of book

5381—*Gears for Steam Shovels, Dredges, Etc.

FOOTE BROS. GEAR & MACHINE CO., 210 N Carpenter, Chicago, Ill.
See adv index at end of book
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

5382—Gears (Friction Clutch)

Atlanta Mfg. & Supply Co., Atlanta, Ga.
Cadwell W. E. Co., Louisville, Ky.
See adv index at end of book
Dodge Sales & Engineering Co., Mishawaka, Ind.
Dundore Mfg. Co., 221 So 9th, Reading, Pa.
Ehrsam J. B. & Sons Mfg. Co., Enterprise, Kan.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Hunt, Rodney Machine Co., Orange, Mass.
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
McMahon & Co., Worcester, Mass.
Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
National Gear Wheel Fdry., South & Walker, Pittsburgh, Pa.
Noye Bros. Co., Buffalo, N. Y.
Poole Engineering & Mach. Co., Woodberry Sta, Baltimore, Md.
Van Dorn & Dutton Co., 2978 Woodhill, Cleveland, O.
Warner Gear Co. (Automobile), Muncie, Ind.
Webster Mfg. Co., Tiffin, O.

Gears (Gas Tractor)

See Gears. Tractor Transmission

5383— *Gears (Helical Cut)

AMERICAN DIE & TOOL CO., Reading, Pa. *See adv index at end of book*
DE LAVAL STEAM TURBINE CO. (Double Helical), East Trenton, N. J.
See adv index at end of book
FOOTE BROS. GEAR & MACHINE CO., 210-220 N Carpenter, Chicago, Ill.
See adv index at end of book
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
MESTA MACHINE CO., Pittsburgh, Pa.
See adv index at end of book
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

5384—Gears (Herringbone Cut)

Boston Gear Works, Quincy, Mass.
Carpenter-Tew Gear Co., 67 35th, Brooklyn, N. Y.
Crofoot Gear Works, Cambridge, Mass.
Davis Rodney, 624 Race, Phila., Pa.
Dundore Mfg. Co., 221 So 9th, Reading, Pa.
Falk Co. ("Wuest"), ft 30th, Milwaukee, Wis.
Fawcus Machine Co. (Standard & Special Enclosed Drives), 1st Nat. Bk bldg, *See adv index at end of book*
FOOTE BROS. GEAR & MACHINE CO., 210-220 N Carpenter, Chicago, Ill.
See adv index at end of book
Gleason Works, 2000 University av, Rochester, N. Y.
Grant Gear Works, 151 Pearl, Boston, Mass. *See adv index at end of book*
Krasberg Mfg. Co., 420 Orleans, Chicago, Ill.
Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Philadelphia Gear Works, East Vine, Philadelphia, Pa.
Tod Wm. Co. W. E. & F. Co., Pittsburgh, Pa.

5385—Gears (Herringbone Molded)

Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book

5386— Gears (Internal)

Acme Machine Works, 1500 W 18th, St. Louis, Mo.
Atlanta Mfg. & Supply Co., Atlanta, Ga.
Bilgram Machine Works, 1235 Spring Garden, Phila., Pa.
Blount Engineering Co., 100 High, Boston, Mass.
Boston Gear Works, Quincy, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Caldwell H. W. & Son Co. ("Caldwell-Walker"), 17th & Western av, Chicago, Ill.
Caaldwell W. E. Co., Louisville, Ky.
Cincinnati Gear Co., 1815 Reading rd, Cincinnati, O.
Crofoot Gear Works, Cambridge, Mass.
Davis Rodney, 624 Race, Phila., Pa.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Dundore Mfg. Co., 221 So 9th, Reading, Pa.
Earle Gear & Machine Co., Stenton & Wyoming avs, Phila., Pa.
Eastwood Benj. Co., Paterson, N. J.
FOOTE BROS. GEAR & MACHINE CO., 210 N Carpenter, Chicago, Ill.
See adv index at end of book
Frost Gear & Forge Co., Jackson, Mich.
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
Gleason Works, 2000 University av, Rochester, N. Y.
Grant Gear Works, 151 Pearl, Boston, Mass. *See adv index at end of book*
James D. O. Mfg. Co., 1120 W Monroe, Chicago, Ill.
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
Meisel Press Mfg. Co., 942 Dorchester av, Boston, Mass.
Newark Gear Cutting Mach. Co., 69 Prospect, Newark, N. J.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Noye Bros Co., Buffalo, N. Y.
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Philadelphia Gear Works, East Vine, Philadelphia, Pa.
Pittsburgh Gear & Machine Co., 27th & Smallman, Pittsburgh, Pa.
Plamondon A. Mfg. Co., 12 N Clinton, Chicago, Ill.
Poole Engineering & Mach. Co., Woodberry Sta., Baltimore, Md.
Sawyer Gear & Mfg. Co., 5120 St. Clair av N E, Cleveland, O.
Sommerfeld Machine & Mfg. Co. (Steel, Cast Iron & Brass), 216 2d av, Pittsburgh, Pa.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
Tichenor F. C. Gear Works, Peoria, Ill.
Van Dorn & Dutton Co., 2978 Woodhill, Cleveland, O.
Welch T. F. Co. (Brass), 55 Sudbury, Boston, Mass.

5386a— Gears (Lowering)

Steward Davit & Equipment Corp. (For Life Boats), 17 Battery pl, New York

5387—Gears (Machine Molded)

American Manganese Steel Co ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicaflo, Ill
Atlanta Mfg. & Supply Co., Atlanta, Ga.
Brown A. & F. Co., 79 Barclay, New York.
Caldwell H W & Son Co ("Caldwell-Walker," Spur, Spur Mortise, Bevel, Bevel Mortise, Mitre), 17th & Western av, Chicago, Ill
CALDWELL W. E. CO., Louisville, Ky.
See adv index at end of book
Christiana Machine Co., Christiana, Pa.
Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
Farrel Foundry & Machine Co., Ansonia, Conn.
Fawcus Machine Co., 1st Nat Bk Bldg, Pittsburgh, Pa.
See adv index at end of book
Gerdes & Co., 42 Church, New York.
See adv index at end of book
Great Western Mfg. Co., Leavenworth, Kan.
Hardie-Tynes Mfg. Co., Birmingham, Ala.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Hubbard Steel Foundry Co., 900 S Michigan av, East Chicago, Ind.
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
Keokuk Hydraulic Tire Setter Co., Keokuk, Ia.
Marshall Foundry Co., Pittsburgh, Pa.
Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
MESTA MACHINE CO., Pittsburgh, Pa.
See adv index at end of book
Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.
National Car Coupler Co. (Open Hearth Steel, All Sizes), 332 S Michigan av, Chicago, Ill.
National Gear Wheel Foundry, South & Walker, Pittsburgh, Pa.
Plamondon A. Mfg. Co., 12 N Clinton, Chicago, Ill.
Poole Engineering & Machine Co., Baltimore, Md.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
Tichenor F. C. Gear Works, Peoria, Ill.
United Engineering & Foundry Co. (Cast Steel), 307 5th av, Pittsburgh, Pa.
United Iron Works Co., Kansas City, Mo.
Van Dorn & Dutton Co., 2978 Woodhill, Cleveland, O.

5388—Gears (Marine, Reversing)

Auto Engine Works, University & Griggs, St. Paul, Minn.
Baldridge Gear Co., 235 Mt. Elliot av, Detroit, Mich.
Brown & Sharpe Mfg. Co., Providence, R. I.
Bultman F. H. Co., Cleveland, O.
Continental Motor Mfg. Co., Muskegon, Mich.
Crofoot Gear Works, Cambridge, Mass.
Detroit Standard Gear Co. ("Standard"), Detroit. Mich.
Evans Stamping & Plating Co. ("Paragon"), Taunton, Mass.
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
Gies Gear Co. ("Gies" for Gasoline Motor Boats), Boydell Bldg., Detroit, Mich.
Gleason Works, 2000 University av, Rochester, N. Y.
HINDLEY GEAR CO., 1105 Frankford av, Phila, Pa.
See adv index at end of book
James D. O. Mfg. Co., 1120 W Monroe, Chicago, Ill.
Johnson, Carlyle Machine Co., Manchester, Conn.
Kuehl Bros. ("Holliday"), 1818 Milwaukee av, Chicago, Ill.
Meisel Press Mfg Co., 942 Dorchester av, Boston, Mass.
Michigan Wheel Co., Grand Rapids, Mich.
Milwaukee Auto. Engine & Supply Co., 708 Vinnebago, Milwaukee, Wis.
New York Gear Works ("Ball" Improved Reverse Gear for Motor Boats), 56 Greenpoint av, Brooklyn, N. Y.
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Paragon Gear Works, Taunton, Mass.
Philadelphia Gear Works, East Vine, Phila, Pa.
Snow & Petrelli Mfg. Co. ("Joe's"), New Haven, Conn.
Tichenor F. C. Gear Works, Peoria, Ill.
Van Dorn & Dutton Co., 2978 Woodhill, Cleveland, Ohio
Waterman Motor Co., 235 Mt. Elliott av, Detroit, Mich.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL REGISTER

5389—Gears (Marine Steering)

Bultman F. H. Co., Cleveland, O.
Crofoot Gear Works, Cambridge, Mass.
Dake Engine Co. (Steam), Grand Haven, Mich.
Durkee Chas. D. & Co. (Hand), 2 South, New York
Edson Mfg. Co. ("Edson," Hand), 257 Atlantic av, Boston, Mass.
Evans C. H. & Co. ("Evans," Steam), 187 Fremont, San Francisco, Cal.
Grant Gear Works, 151 Pearl, Boston, Mass. *See adv index at end of book*
HINDLEY GEAR CO., 1105 **Frankford** av., Phila., Pa.
See adv index at end of book
Hyde Windlass Co. ("Brown" Steam), Bath, Me.
Laughlin Thomas Co. (Hand), Portland, Me.
Lockwood Mfg. Co. ("Reeds" Hand), 65 Summer, E. Boston, Mass.
McNab Co. (Brown Bros "Telemoter"), Bridgeport, Conn.
See adv index at end of book
Marine Hardware Co. (Hand), Peabody, Mass.
Marine Mfg. & Supply Co. ("Columbia," "Lavarck," "Planet," Hand), 158 South New York
Meisel Press Mfg. Co., 942 Dorchester av, Boston, Mass.
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Pawling & Harnischfeger Co. (Steam), Milwaukee, Wis.
Philadelphia Machine Works (Steering Engines), 67 Laurel, Phila., Pa.
Stoddart A. P. & Co. (Hand), Gloucester, Mass.
Textile Finishing Machinery Co. (Steam), 171 Westminster, Providence, R. I.
Tichenor F. C. Gear Works, Peoria, Ill.
Van Dorn & Dutton Co., 2978 Woodhill, Cleveland, O.
Verdon & Co. (Steam), Richmond Terrace, W New Brighton, S. I., N. Y.
Williamson Bros. Co. (Steam), Aramingo & Cumberland, Phila., Pa.
Wood River Iron Works, 817 E 9th, New York

5390— Gears (Mill)

See also Gears, Cut

American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
Atlanta Mfg. & Supply Co., Atlanta, Ga.
Bethlehem Steel Co., South Bethlehem, Pa.
Brown A. & F. Co., 79 Barclay, New York
DODGE SALES & ENGINEERING CO. (Cast or Mortise), Mishawaka, Ind.
Dundore Mfg. Co., 221 So 9th, Reading, Pa.
Fawcus Machine Co., 1st Nat Bk bldg, Pittsburgh, Pa.
See adv index at end of book
FOOTE BROS. GEAR & MACHINE CO., 210 N Carpenter, Chicago, Ill.
See adv index at end of book
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
Garrison A. Foundry Co. ("Haskins," Double Spiral for Rolling Mills, etc), 901 Bingham, Pittsburgh, Pa.
Gleason Works, 2000 University, Rochester, N. Y.
Grant Gear Works, 151 Pearl, Boston, Mass. *See adv index at end of book*
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av., & P & R Ry, Phila, Pa.
See adv index at end of book
Mackintosh, Hemphill & Co., Pittsburgh, Pa.
Meisel Press Mfg Co. (Medium Pitch), 942 Dorchester av, Boston, Mass.
MESTA MACHINE CO., Pittsburgh, Pa.
See adv index at end of book
National Gear Wheel Foundry, South & Walker, Pittsburgh, Pa.
National Roll & Foundry Co., Avonmore, Pa.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Philadelphia Gear Works, East Vine, Phila, Pa.
Seaman-Sleeth Co., Pittsburgh, Pa.
Simpson-Orville Co, Cincinnati, Ohio
Van Dorn & Dutton Co., 2978 Woodhill, Cleveland, O.

5391— *Gears (Mine Motor)

See also Gears, Cut

FOOTE BROS. GEAR & MACHINE CO. 210-220 N Carpenter, Chicago, Ill.
See adv index at end of book
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
GENERAL ELECTRIC CO. ("Fabroil") Schenectady, N. Y.
See adv index at end of book
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

5392—*Gears (Mining Machine)

See also Gears, Cut

FOOTE BROS. GEAR & MACHINE CO., 210 N Carpenter, Chicago, Ill.
See adv index at end of book
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
HINDLEY GEAR CO., 1105 Frankford av, Phila., Pa. *See adv index at end of book*
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

5392a— *Gears (Mitre)

See also Gears, Cut

AMERICAN DIE & TOOL CO., Reading, Pa. *See adv index at end of book*

5392a— *Gears (Mortise)

SMITH S. MORGAN CO., York, Pa.
See adv index at end of book

5393— *Gears (Nickel Steel)

Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book

5394— *Gears (Noiseless)

Nuttall R. D. Co., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

Gears (Rawhide)

See Gears & Pinions, Rawhide

5395— *Gears (Reduction)

See also Gears, Cut

See also Variable Speed Transmission

Fawcus Machine Co., 1st Nat'l Bank bldg, Pittsburgh, Pa.
See adv index at end of book
FOOTE BROS. GEAR & MACHINE CO., 210 N Carpenter, Chicago, Ill.
See adv index at end of book
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

Gears (Reversing)

See Gears, Marine Reversing

5396— Gears (Rolled Steel)

Philadelphia Gear Works, East Vine, Phila, Pa.

Gears (Rolling Mill)

See Gears, Mill

5397— *Gears (Small)

PLUMB D. S. (Small Gears & Pinions for Clocks, Meters, Gauges & Recording & Scientific Instruments, etc), 73 Norfolk, nr Central av, Newark, N. J.
See adv index at end of book

5398— Gears (Solid Forged)

Akron Gear & Engineering Co., Akron, O.
Williams J. H. & Co., 31 Richards, B'klyn, N. Y. *See adv index at end of book*

5399—*Gears (Speed Reducing)

DE LAVAL STEAM TURBINE CO. (For Steam Turbines), East Trenton, N. J.
See adv index at end of book
FOOTE BROS. GEAR & MACHINE CO., 210 N Carpenter, Chicago, Ill.
See adv index at end of book
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book

Gears (Spiral)

See Gears, Cut

Gears (Spur)

See Gears, Cut

Gears (Steering)

See Gears, Automobile, Steering; also Gears, Marine, Steering

5400—Gears (Steering, Semi-Reversible)

Jackson, Church & Wilcox Co., Saginaw, Mich.

5401—Gears (Street Car Axle)

Brown & Sharpe Mfg. Co., Providence, R. I.
Catskill Foundry & Machine Co., Catskill, N. Y.
Cleveland Gear Works, Cleveland, O.
Gear Grinding Machine Co. (Ground), Detroit, Mich.
GENERAL ELECTRIC CO. (Steel), Schenectady, N. Y.
See adv index at end of book
Meisel Press Mfg. Co. (Medium Pitch), 942 Dorchester av, Boston, Mass.
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Van Dorn & Dutton Co., 2978 Woodhill, Cleveland, O.
Worcester Gear Works, Worcester, Mass.

5401a— *Gears (Timing)

GENERAL ELECTRIC CO. ("Fabroil") Schenectady, N. Y.
See adv index at end of book

5402—*Gears (Tractor Transmission)

FOOTE BROS. GEAR & MACHINE CO., 210 N Carpenter, Chicago, Ill.
See adv index at end of book
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
HINDLEY GEAR CO., 1105 Frankford av., Phila., Pa.
See adv index at end of book
Nuttall R. D. Co., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

5403—Gears (Transmission or Speed Changing)

Akron Gear & Engineering Co., Akron, O.
AMERICAN DIE & TOOL CO., Reading, Pa. *See adv index at end of book*
Auto Supply Co., 1789 B'way, New York
Blood Bros. Machine Co., Allegan, Mich.
Brennan Motor Mfg. Co., Syracuse, N. Y.
Brown, Lipe Gear Co. (Automobile), Syracuse, N. Y.
Brown & Sharpe Mfg. Co. (Repair Parts), Providence, R. I.
Buffalo Engine Co. ("Salisbury"), Buffalo, N. Y.
Cady C. N. Co., Canastota, N. Y.
Crofoot Gear Works, Cambridge, Mass.
Cross Gear & Engine Co., Detroit, Mich.
Detroit Gear & Machine Co., Detroit, Mich.
Detroit Standard Gear Co. (Automobile & Transmission), Detroit, Mich.
Dundore Mfg. Co., 221 So 9th, Reading, Pa.
Durston Gear Co., Syracuse, N. Y.
Earle Gear & Machine Co., Stenton & Wyoming, Phila., Pa.
Farrel Foundry & Machine Co., Ansonia, Conn.
Fitch Gear Co., Rome, N. Y.

HINDLEY GEAR COMPANY

1105 Frankford Ave., PHILADELPHIA, PA.

Manufacturers of Hindley Worm Gearing and Gear Drives Complete with Housings

FOOTE BROS. GEAR & MACHINE CO., 210 N Carpenter, Chicago, Ill.
See adv index at end of book

GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book

Gear Grinding Machine Co. (Ground), Detroit, Mich.

Gies Gear Co., Boydell Bldg., Detroit, Mich.

Gleason Works, 2000 University av, Rochester, N. Y.

Grant Gear Works, 151 Pearl, Boston, Mass. *See adv index at end of book*

Grant-Lees Gear Co., 2369 E 69th, Cleveland, Ohio

James D. O. Mfg. Co., 1120 W Monroe, Chicago, Ill.

Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.

Light Mfg. & Fdry. Co. (Automobile), Pottstown, Pa.

Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av, & P & R Ry, Phila, Pa.
See adv index at end of book

Locke Regulator Co., Salem, Mass.

Meisel Press Mfg. Co., 942 Dorchester av, Boston, Mass.

Milwaukee Auto Engine & Supply Co., 706 Winnebago, Milwaukee, Wis.

Muncie Gear Works, Muncie, Ind.

Murray W. B., N Winchester & Wabansia avs, Chicago, Ill.

New York Gear Works ("Ball" Improved), 56 Greenpoint av, Brooklyn, N. Y.

Noye Bros. Co., Buffalo, N. Y.

NUTTALL R. D. CO. (Repair Parts), McCandless & Harrison av, Pittsburgh, Pa. *See adv index at end of book*

Philadelphia Gear Works, East Vine, Phila, Pa.

Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.

Rutenber Motor Co., Marion, Ind.

Sawyer Gear & Mfg. Co., 5120 St. Clair av N. E, Cleveland, O.

Sier-Bath Co., 143 W 54th, New York

Syracuse Gear Co., Syracuse, N. Y.

Tichenor F. C. Gear Works, Peoria, Ill.

Toepfer Frank Sons, 460 National av, Milwaukee, Wis.

Townsend Foundry & Machine Shop Co., Broadway & Rensselaer, Albany, N. Y.
See adv index at end of book

Van Dorn & Dutton Co., 2978 Woodhill, Cleveland, O.

Virtue & Pound Co., Owatonna, Minn.

Warner Gear Co. (Automobile), Muncie, Ind.

Warner T. W. Co., Muncie, Ind.

WATERBURY TOOL CO. ("Waterbury" Hydraulic Speed, Variable) Waterbury, Conn.

5404—Gears (Vanadium Steel)

Chain Belt Co., Milwaukee, Wis.

Crofoot Gear Works, Cambridge, Mass.

Dundore Mfg. Co., 221 So 9th, Reading, Pa.

Meisel Press Mfg. Co., 942 Dorchester av, Boston, Mass.

Williams J. H. & Co. (Drop Forged), 31 Richards, B'klyn, N. Y.
See adv index at end of book

5405— Gears (Wagon)

Akron-Selle Co., Akron, O.

Columbus Bolt Works Co. ("Double Perch"), Columbus, O.

Deere John Wagon Works (Farm, Teaming & Coal), Moline, Ill.

Emerson-Brantingham Co. ("Newton" Header), Rockford, Ill.

Eureka Bending & Wheel Works (Wood), York, Pa.

Fitch Gear Co., Rome, N. Y.

Gear E. D. Mfg. Co., Inc. ("E. D."), Westfield, N. Y.

Herbrand Co., Fremont, O.

Little J. R. Metal Wheel Co. (Steel), Quincy, Ill.

Owensboro Wagon Co., Owensboro, Ky.

Pay Chas. & Co. (Steel Frame, Low Gears), 307 S Water, Providence, R. I.

Pekin Wagon Co., Pekin, Ill.

Studebaker Corp., South Bend, Ind.

Van Dorn & Dutton Co., 2978 Woodhill, Cleveland, O.

York Wagon Gear Co. (Carriage), York, Pa.

5406— Gears (Worm)

Acme Machine Works, 1500 N 18th St. Louis, Mo.

Akron Gear & Engng. Co., Akron, O.

Albaugh-Dover Co., 2100 Marshall blvd, Chicago, Ill.

Albro-Clem Elevator Co. ("Hindley," "Albro"), 7th & Glenwood av, Phila., Pa.

AMERICAN DIE & TOOL CO., Reading, Pa. *See adv index at end of book*

American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.

Arthur Co., 188 Front, New York

Atlanta Mfg. & Supply Co., Atlanta, Ga.

Bickett Machine & Mfg. Co. ("Kutrite"), Cincinnati, Ohio

Bilgram Machine Works, 1235 Spring Garden, Phila., Pa.

Boston Gear Works ("Hindley"), Quincy, Mass.

Brown A. & F. Co., 79 Barclay, New York

Brown & Sharpe Mfg. Co., Providence, R. I.

Bultman F. H. Co., Cleveland, O.

Caldwell H. W. & Son Co. ("Caldwell-Walker"), 17th & Western av, Chicago, Ill.

Carpenter-Tew Gear Co., 67 35th, Brooklyn, N. Y.

Chain Belt Co., Milwaukee, Wis.

Cincinnati Gear Co., 1815 Reading rd, Cincinnati, O.

Cleveland Worm & Gear Co. (Worm Gear Reduction), 1667 E 40th, Cleveland, O.

Crofoot Gear Works, Cambridge, Mass.

Cross Gear & Engine Co., Detroit, Mich.

Damascus Bronze Co. ("Damascus" Bronze for Rolling Mills, etc), N S, Pittsburgh, Pa.
See adv index at end of book

Davis Rodney, 624 Race, Phila, Pa.

Dundare Mfg. Co., 221 So 9th, Reading, Pa.

Earle Gear & Machine Co., Stenton & Wyoming avs, Phila., Pa.

Eastwood Benj. Co., Paterson, N. J.

Fawcus Machine Co. (Steel, Iron, Bronze), 1st Nat Bk Bldg, Pittsburgh, Pa.
See adv index at end of book

FOOTE BROS. GEAR & MACHINE CO., 210 N Carpenter, Chicago, Ill.
See adv index at end of book

Frost Gear & Forge Co., Jackson, Mich.

GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book

Gleason Works, 2000 University av, Rochester, N. Y.

Grant Gear Works, 151 Pearl, Boston, Mass. *See adv index at end of book*

HINDLEY GEAR CO., 1105 Frankford av, Phila., Pa. *See adv index at end of book*

Horsburgh & Scott Co., 5114 Hamilton av N E, Cleveland, O.

James D. O. Mfg. Co., 1120 W Monroe, Chicago, Ill.

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book

Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

Medart Patent Pulley Co., 3500 DeKalb, St. Louis, Mo.

Meisel Press Mfg. Co., 942 Dorchester av, Boston, Mass.

Meisselbach-Catucci Mfg. Co. (Small), 25 Congress, Newark, N. J.
See adv index at end of book

Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.

More-Jones Brass & Metal Co. (Phosphor Bronze), B'way & Dock, St. Louis, Mo.

National Bronze & Aluminum Fdry., 2539 E 79th, Cleveland, O.

National Gear Wheel Foundry, South & Walker, Pittsburgh, Pa.

Newark Gear Cutting Machine Co. (Worm Wheels Generated), 69 Prospect, Newark, N. J.

New Process Gear Corp., Syracuse, N. Y.

NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

Pacific Gear & Tool Wks., 1035 Folsom, San Francisco, Cal.

Philadelphia Gear Works (Brass, etc.), East Vine, Phila, Pa.

Pittsburgh Gear & Mach. Co., 27th & Smallman, Pittsburgh, Pa.

Plamondon A. Mfg. Co., 12 N Clinton, Chicago, Ill.

Poole Engineering & Mach. Co., Woodberry sta, Baltimore, Md.

Sawyer Gear & Mfg. Co., 5120 St. Clair, N E, Cleveland, O.

Simonds Mfg. Co. (For Electric Railways, etc), Liberty & 25th, Pittsburgh, Pa.

Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

Tichenor F. C. Gear Works, Peoria, Ill.

Titanium Bronze Co. Inc., Niagara Falls, N. Y.

Townsend Foundry & Machine Shop Co., Broadway & Rennsselaer, Albany, N. Y. *See adv index at end of book*

GEARS (WORM)—continued

Turley Gear & Machine Co., St. Louis, Mo.
Union Gear & Machine Co., 27 Purchase, Boston, Mass.
United Iron Works Co., Kansas City, Mo.
Van Dorn & Dutton Co., 2978 Woodhill, Cleveland, O.
Warner Gear Co. (Automobile), Muncie, Ind.
Webster Mfg. Co., Tiffin, O.
Welch T. F. Co. (Brass), 55 Sudbury, Boston, Mass.
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.
Woburn Gear Works, Woburn, Mass.

5407—*Gears (Worm Bevel)

FOOTE BROS. GEAR & MACHINE CO., 210 N Carpenter, Chicago, Ill.
See adv index at end of book

5408—*Gears (Worm Gear Reduction)

See also Gears, Cut

Fawcus Machine Co., 1st Nat'l Bank bldg, Pittsburg, Pa.
See adv index at end of book
FOOTE BROS. GEAR & MACHINE CO., 210 N Carpenter, Chicago, Ill.
See adv index at end of book
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
HINDLEY GEAR CO., 1105 Frankford av, Phila., Pa. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

5408a— Gears & Pinions

See also Gears, Cut; also Gears, Machine Molded

Gerdes & Co., 42 Church, New York
See adv index at end of book

RAWHIDE PINIONS
***for* Silent Drives**
GERDES & COMPANY
42 Church Street, New York City

Gears & Pinions (Automobile)

See Gears, Automobile

5409—*Gears & Pinions (Case Hardened)

NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Stroh Steel Hardening Process Co., Pittsburgh, Pa.

5410—Gears & Pinions ("Fabroil")

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

5410a—*Gears & Pinions (Mill)

See also Gears, Mill

Fawcus Machine Co., 1st Nat'l Bank bldg, Pittsburgh, Pa.
See adv index at end of book
Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book

5411—*Gears & Pinions (Rawhide)

See also Gears, Cut

Fawcus Machine Co., 1st Nat'l Bank bldg, Pittsburgh, Pa.
See adv index at end of book
FOOTE BROS. GEAR & MACHINE CO., 210 N Carpenter, Chicago, Ill.
See adv index at end of book
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
GERDES & CO., 42 Church, New York.
See adv index at end of book

RAWHIDE PINIONS
***for* Silent Drives**
DUXHIDE-SILENT,
Oil and Water-proof
GERDES & COMPANY 42 Church St., N. Y. C.

LEBANON GEAR & MACHINE WORKS, 17th & Forge, Lebanon, Pa.
See adv index at end of book
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

5412—Gears & Pinions (Vanadium)

Crofoot Gear Works, Cambridge, Mass.
Dundore Mfg. Co., 221 So 9th, Reading, Pa.
Grant Gear Works, 151 Pearl, Boston, Mass. *See adv index at end of book*
Mackintosh, Hemphill & Co., Pittsburgh, Pa.
Meisel Press Mfg. Co., 942 Dorchester av, Boston, Mass.
Mesta Machine Co., Pittsburgh, Pa. Works: Homested, Pa.
See adv index at end of book
Ohio Steel Foundry Co., Lima, O.
Penn Seaboard Steel Corp., 1418 Chestnut, Phila., Pa.
Pratt & Letchworth Co., Buffalo, N. Y.
Union Steel Casting Co., Pittsburgh, Pa.
United Engng. & Fdry. Co., 307 5th av, Pittsburgh, Pa.
Van Dorn & Dutton Co., 2978 Woodhill, Cleveland, O.
Wheeling Mold & Fdry. Co., Wheeling, W. Va.

5413— Gelatine Mfrs.

Amer. Agrl. Chem. Co., 2 Rector, New York
American Glue Co., 121 Beverly, Boston, Mass.
Armour Glue & Ammonia Works, Postal Tel. Bldg., San Francisco, Cal.
Bischoff C. & Co. (For Photo Purposes, Imp), 451 Washington, New York
California Glue Works, Fairfax av & Rankin, San Francisco, Cal.
Clarkson Glue Co., 3259 Shields av, Chicago, Ill.
Commonwealth Glue Co., 40 N Market, Boston, Mass.
Cooper's Peter Glue Factory, 11th av & 28th, New York
C. P. N. CHEMICAL CO. INC. (Jobbers), 78 Reade, New York & 231 W Huron, Chicago, Ill.
Crystal Gelatine Co., 121 Beverly, Boston, Mass.
Dann T. W. Co., 248 Front, New York
Diamond Glue Co., Robinson & Ill. Mich. Canal, Chicago, Ill.
Essen Gelatine Co., 40 N Market, Boston, Mass.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
HEWITT C. B. & BROS. (Jobbers), 49 Beekman, New York
See adv index at end of book
Isaacs S. & Co. (Imp), 100 William, New York
Kind & Landesmann, Camden, N. J.
Midland Glue Co., Madison, Ind.
Pfaltz & Bauer (Imp), 300 Pearl, New York
Stevenot Chas. J. & Co. (Imp), 388 Pearl, New York
Townsend Chas. & Bro., 276 Pearl, New York

5413a[1]—Generating Cooling Systems

Sturtevant B. F. Co. (Sturtevant), 15 Damon, Hyde Park, Boston, Mass.

5413a—*Generating Sets (Gas-Electric)

STURTEVANT B. F. CO. ("Sturtevant," (Also Marine), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book

5414—Generating Sets (Motor)

See also Dynamos & Motors

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Benton Electric Co. (Direct Current, 1 to 100 H.P.), La Crosse, Wis.
Burke Electric Co., Erie, Pa.
C. & C. Electric & Mfg. Co., Garwood, N. J.
Connecticut Dynamo & Motor Co., Irvington, N. J.
Crocker-Wheeler Co., Ampere, N. J.
Cushman Electric Co., Concord, N. H.
Duquesne Elec. & Mfg. Co., Pittsburgh, Pa.
CO. (Up to 75 K.W.), 1064 Ivanhoe rd,
ECK DYNAMO & MOTOR CO., Belleville, N. J. *See adv index at end of book*
Electric Machinery Co. (Direct Current & One, Two & Three Phase Alternating Current, Engine & Belted Type), 14th av & N E Tyler, Minneapolis, Minn.
Engberg Electric & Mechanical Works, St. Joseph, Mich.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Fort Wayne Electric Works of General Electric Co., Fort Wayne, Ind.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Ideal Electric & Mfg. Co., Mansfield, O.
Imperial Electric Co., Akron, O.
JANTZ & LEIST ELECTRIC CO., Cincinnati, O. *See adv index at end of book*
Lincoln Electric Co., Cleveland, O.
RELIANCE ELECTRIC & ENGINEERING CO. (Up to 50 K.W.), 1064 Ivanhoe rd, Cleveland, O.
See adv index at end of book
Ridgway Dynamo & Engine Co., Ridgway, Pa.
Schramm Chris, D. & Son (Direct Connected 16 to 35 H P), 308 N 4th, Phila, Pa.
Triumph Electric Co., Oakley, Cincinnati, Ohio *See adv index at end of book*
Wagner Electric Mfg. Co. (Small), 6400 Plymouth av, St. Louis, Mo.
Western Electric Co., 463 West, New York
WESTINGHOUSE ELEC. & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

5415—Generating Sets (Oil Engine)

Jager Chas. J. Co. ("Mason-Jager," also Gasoline), 15 Custom House, Boston, Mass.
Mietz August, 138 Mott, New York

5416—*Generating Sets (Steam Engine & Steam Turbo Electric)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book

Generators (Acetylene)

See Gas Machines, Acetylene

5417—Generators (Chlorine)

(Made of Acid Proof Stoneware)

General Ceramics Co. (Clay), 50 Church, New York
Graham Chas. Chemical Pottery. Works: 986 Metropolitan av., Brooklyn, N. Y.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER

5418—Generators (Electric Lighting)

See also Dynamos & Motors

ALLIS-CHALMERS MFG. CO. (Direct & Alternating), Milwaukee, Wis.
See adv index at end of book
American Blower Co., 1400 Russell, Detroit, Mich.
Bell Elec. Motor Co., Garwood, N. J.
Burke Electric Co. (D C & A C), Erie, Pa.
Carleton Co., 170 Summer, Boston, Mass.
C. & C. Electric & Mfg. Co. (Direct 2 to 700 K W), Garwood, N. J.
Crocker-Wheeler Co. (D C), Ampere, N.J.
Dealers Elec. Ltg. Co., 2901 Indiana av, Chicago, Ill.
Diehl Mfg. Co., Elizabeth, N. J.
ECK DYNAMO & MOTOR CO., Belleville, N. J. *See adv index at end of book*
Elec. Products Co., 1067 E. 52d, Cleveland, O.
Electric Specialty Co., Stamford, Conn.
Emerson Elec. Mfg. Co., 2024 Wash av, St. Louis, Mo.
Fairbanks Morse & Co., 900 S Wabash av, Chicago, Ill.
Fidelity Elec. Co., Lancaster, Pa.
Fort Wayne Electric Works of General Electric Co. (D C & A C), Fort Wayne, Ind.
GENERAL ELECTRIC CO. (Direct & Alternating), Schenectady, N. Y.
See adv index at end of book
Great Lakes Elec. Mfg. Co., 700 W 22d, Chicago, Ill.
Hobart Bros. Co., Troy, Ohia
Ideal Electric & Mfg. Co. ("Ideal"), Mansfield, O.
Imperial Electric Co., Akron, O.
JANTZ & LEIST ELECTRIC CO., Cincinnati, O. *See adv index at end of book*
Kentucky Elec. Co. (D C), Owensboro, Ky.
Kester Elec. Co., Terre Haute, Ind.
Lincoln Electric Co., Cleveland, O.
Maine Electric Co., Portland, Me.
Marble Card Elec. Co., Gladstone, Mich.
Mechanical Appliance Co., Milwaukee, Wis.
Pan Electric Mfg. Co., 735 S 4th, St. Louis, Mo.
Peerless Elec. Co., 550 W Harrison, Chicago, Ill., & Warren, Ohio
RELIANCE ELECTRIC & ENGINEERING CO. (Direct to 75 K. W.), 1064 Ivanhoe rd, Cleveland, O.
See adv index at end of book
Ridgway Dynamo & Engine Co., Ridgway, Pa.
Rochester Motors Co., 609 Driving Park av, Rochester, N. Y.
Robbins & Myers Co. (Up to 15 K W), 1400 Lagonda av, Springfield, O.
Roth Bros. & Co., 1400 W Adams, Chicago, Ill.
Sprague Electric Works (Direct Current Up to 1000 kw), 527 W 34th, New York
Star Dynamo Co., Jefferson City, Mo.
Star Elec. Motor Co., 245 N. J. R. R. av, Newark, N. J.
TRIUMPH ELECTRIC CO. (Direct & Alternating), Oakley, Cincinnati, O.
See adv index at end of book
U. S. Elec'l Mfg. Co., Los Angeles, Cal.
Wagner Electric Mfg. Co. (Direct & Alternating), 6400 Plymouth av, St. Louis, Mo.
Wesche B. A. Elec. Co., 327 W 6th, Cincinnati, Ohio
WESTINGHOUSE ELECTRIC & MFG. CO. (Direct & Alternating Current), East Pittsburgh, Pa.
See adv index at end of book

5419—Generators (Electric Power)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Bell Elec. Motor Co., Garwood, N. J.
Bessemer Gas Engine Co., Grove City, Pa.
Bissell F. Co. ("Bissell"), Toledo, Ohio
Bodine Elec. Car, 2254 W Ohio, Chicago, Ill.
Burke Electric Co. (D C & A C), Erie, Pa.
C. & C. Electric & Mfg. Co., Garwood, N. J.
Crocker-Wheeler Co. (D C), Ampere, N.J.
Cushman Electric Co. (AC), Concord, N. H.
Dealers Elec. Ltg. Co., 2901 Indiana av, Chicago, Ill.
Diehl Mfg. Co., (Direct), Elizabeth, N. J.
Eager Electric Co. (D C & A C), Watertown, N. Y.
ECK DYNAMO & MOTOR CO., Belleville, N. J. *See adv index at end of book*
Electric Machinery Co. (D C & A C), 14th av & N E Tyler, Minneapolis, Minn.
Engberg Electric & Mechanical Works, St. Joseph, Mich.
Electric Specialty Co., Stamford, Conn.
Emerson Elec. Mfg. Co., 2024 Wash av, St. Louis, Mo.
Fairbanks Morse & Co., 900 S Wabash av, Chicago, Ill.
Fidelity Elec. Co., Lancaster, Pa.
Fort Wayne Electric Works of General Electric Co. (D C & A C), Fort Wayne, Ind.
GENERAL ELECTRIC CO. (Direct & Alternating), Schenectady, N. Y.
See adv index at end of book
General Railway Signal Co., Rochester, N. Y.
Great Lakes Elec. Mfg. Co., 700 W 22d, Chicago, Ill.
Green L. A. (Dealer), First Nat'l Bk. Bldg, Pittsburgh, Pa.
Hobart Bros. Co., Troy, Ohio
Holtzer-Cabot Elec. Co., 125 Armory, Boston, Mass.
Ideal Electric & Mfg. Co. ("Ideal"), Mansfield, O.
Imperial Electric Co., Akron, O.
JANTZ & LEIST ELECTRIC CO., Cincinnati, O. *See adv index at end of book*
Kester Elec. Co., Terre Haute, Ind.
Lincoln Electric Co., Cleveland, O.
Marble Card Elec. Co., Gladstone, Mich.
McKeever Electric Co., 244 S High, Columbus, O.
Mechanical Appliance Co., Milwaukee, Wis.
Northwestern Mfg. Co. (Direct Current Up to 75 K W), 482 Clinton, Milwaukee, Wis.
Pan Electric Mfg. Co., 735 S 4th, St. Louis, Mo.
Peerless Elec. Co., 55 W Harrison, Chicago, Ill., & Warren, Ohio
RELIANCE ELECTRIC & ENGINEERING CO. ("Reliance" Direct Up to 75 K W), **1064 Ivanhoe rd, Cleveland, O.**
Richmond Electric Work, Richmond, Va.
Ridgway Dynamo & Engine Co., Ridgway, Pa.
Robbins & Myers Co. (Up to 15 K W), 1400 Lagonda av, Springfield, O.
Rochester Motors Co., 609 Driving Park av, Rochester, N. Y.
Star Dynamo Co., Jefferson City, Mo.
Star Elec. Motor Co., 245 N. J. R. R. av, Newark, N. J.
STURTEVANT B. F. CO. ("Sturtevant" Direct), 15 Damon, Hyde Park, Boston, Mass. *See adv index at end of book*
TRIUMPH ELECTRIC CO. (D. C. & A. C.), Oakley, Cincinnati, O.
See adv index at end of book
U. S. Elec'l Mfg. Co., Los Angeles, Cal.
Wagner Electric Mfg. Co., 6400 Plymouth av, St. Louis, Mo.
Wesche B. A. Elec. Co., 327 W 6th, Cincinnati, Ohio
WESTINGHOUSE ELECTRIC & MFG. CO. (Direct & Alternating Current), East Pittsburgh, Pa.
See adv index at end of book

5419a—Generators (Electro Plating)

Bennett-O'Connell Co., 3600 S Morgan, Chicago, Ill.
Bishop W. S., New Haven, Conn.
Bogue Chas. J. Electric Co., 513 W 29th, New York
Boissier El. Co., 205 W 19th, New York
Connecticut Dynamo Motor Co., Irvington, N. J.
Eager Electric Co., Watertown, N. Y.
Electric Machinery Co., 14th av & N E Tyler, Minneapolis, Minn.
Electric Specialty Co., Stamford, Conn.
Fidelity Electric Co., Lancaster, Pa.
Hanson & Van Winkle, 269 Oliver, Newark, N. J.
Holtzer-Cabot Electric Co., 125 Armory, Boston, Mass.
Ideal Electric & Mfg. Co., Mansfield, Ohio
Jantz & Leist Elec. Co., Cincinnati, O.
Kendrick & Davis Co., Lebanon, N. H.
L'Hommedieu Chas. & Sons Co., 24 S Clinton, Chicago, Ill.
Munning-Loeb Co., Matawan, N. J.
Pan Electric Mfg. Co., 735 S 4th, St. Louis, Mo.
Phoenix Electric Co., Mansfield, Ohio
Rochester Motors Co., 609 Driving Park av, Rochester, N. Y.
U. S. Elec'l Mfg. Co., Los Angeles, Cal.

5420—Generators (Electrolytic)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Ideal Electric & Mfg. Co., Mansfield, O.

5421—Generators (Electrotyping)

JANTZ & LEIST ELECTRIC CO., Cincinnati, O. *See adv index at end of book*

5422—Generators (Heat, Hot Water)

American Auxiliary Heating Co., 6 Beacon, Boston, Mass.
Amer. Heating Spec. Co., Box 344, Peru, Ind.

Westinghouse Electrical Apparatus

Alternating and Direct-Current Generators and Motors, Converters, Circuit-Breakers, Switches, Switchboards, Rheostats, Electrical Instruments, Lighting Arresters, Controllers, Auto-Starters, Battery Charging Rectifier, Electric Fans, Electric Irons, Etc., Etc.

Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.

Offices in 45 American Cities

GENERATORS (HEAT, HOT WATER), —continued

Belknap Mfg. Co., Bridgeport, Conn.
Frost N. E. Co., 175 Jackson blvd, Chicago, Ill.
Honeywell Heating Spec. Co., Wabash, Ind.
Makin Heating Co. ("Maheco"), 1827 Filbert, Philadelphia, Pa.
Milwaukee Heater Mfg. Co., 458 11th av, Milwaukee, Wis.
Phelps Bros. Co., 101 Beekman, New York
Sims Co. ("Sims" Instantaneous or Circulating), 18th & Whitley av, Erie, Pa.
Watson C. David L., Terre Haute, Ind.

5423—Generators (Hot Water)

GRISCOM-RUSSELL CO. ("Goubert," "Reilly" & "Russell" for Public Buildings, Mfg. Plants, Hospitals, etc), 92 West, New York.
See adv index at end of book

GOUBERT HEATERS

For furnishing hot water for ALL PURPOSES IN ANY QUANTITY DESIRED. UTILIZES HIGH PRESSURE OR EXHAUST STEAM AS THE HEATING MEDIUM.

THE GRISCOM-RUSSELL CO.
92 West Street New York

Quaker City Iron Works, Tioga & Edgement, Philadelphia, Pa.
Seymour David C., 49 Lawrence, Newark, N. J.
Tyler Fred. A. ("Domestic," Will Fit Any Steam or Hot Water Boiler, Furnace, etc), Albany, N. Y.

5424—Generators (Low Voltage)

Eck Dynamo & Motor Co., Belleville, N. J. *See adv index at end of book*
Ideal Electric & Mfg. Co. (For Electro-Metallurgical Work, etc), Mansfield, O.
Imperial Electric Co., Akron, O.

5425—Generators (Magneto)

Vesta Accumulator Co. ("Vesta"), 2100 Indiana av, Chicago, Ill.

5426—Generators (Oxygen & Hydrogen)

Burdett Mfg. Co. (Electrolytic Oxygen), 309 St. Johns ct, Chicago, Ill.
International Oxygen Co. ("I. O. C.") 115 Broadway, N. Y.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Vulcan Process Co. (Electrolytic), 25th & University av S E, Minneapolis, Minn.

5427-8—Generators (Ozone)

Goldberg Ozone Machine Co., Indianapolis, Ind.
Neel-Armstrong Co. ("Oxyoline"), Akron, Ohio
Ozone Pure Airifier Co., 1401 W Jackson blvd, Chicago, Ill.
Roy Edw. X. Mfg. Co., Indianapolis, Ind.
Sheynis Ozone Co., 39 Pine, New York
Sprague Elec. Works of G. E. Co., 527 W 34th, New York

5429— Generators (Steam)

Keokuk Hydraulic Tire Setter Co., Keokuk, Ia.

5430—Generators (Street Railway)

See also Generators, Electric Power; also Dynamos & Motors

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
C. & C. Electric & Mfg. Co. (2 to 700 K. W.), Garwood, N. J.
Crocker-Wheeler Co., Ampere, N. J.
Ideal Electric & Mfg. Co., Mansfield, O.
Kester Electric Co., Terre Haute, Ind.
Ridgway Dynamo & Engine Co., Ridgway, Pa.
WESTINGHOUSE ELECTRIC & MFG. CO. (Direct & Alternating), East Pittsburgh, Pa. *See adv index at end of book*

5431— Generators (Turbine)

Kerr Turbine Co., Wellsville, N. Y.
General Elec. Co., Schenectady, N. Y. *See adv index at end of book*
Moon Mfg. Co., 122 N Jefferson, Chicago, Ill.

5431a— Generators (Turbo)

Allis-Chalmers Mfg. Co., Milwaukee, Wis. *See adv index at end of book*
Moon Mfg. Co., 22 N Jefferson, Chicago, Ill.
Schroeder Headlight & Generator Co., Evansville, Ind.

5431b—*German Silver (Ornamental)

GORHAM CO. ARCHITECTURAL BRONZE, 5th av & 36th, New York
See adv index at end of book

5432—German Silver (Patent Leveled)

American Brass Co. (For Soda Fountains, etc.), Waterbury, Conn.
For branch offices see adv index at end of book
Seymour Mfg. Co. (For Soda Fountains, etc), Seymour, Conn.

5433-4-5—Giants (Hydraulic)

Abendroth & Root Mfg. Co., Newburgh, N. Y.
AMERICAN SPIRAL PIPE WORKS, Chicago, Ill. *See adv index at end of book*
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
Seattle Machine Works, Seattle, Wash.

5436-7— *Gibs & Keys

Standard Gauge Steel Co., Beaver Falls, Pa.

Gilsonite (Domestic)

See Asphalt Miners & Refiners

Gimlet Mfrs.

See Bits, Gimlet

5438— Glass Benders

Cincinnati Beveling & Silvering Co., 430 Oliver, Cincinnati, O.
Clarksburg Glass Co., Clarksburg, W. Va.
Donnelly J. R. Co., 54 Classon av, Brooklyn, N. Y.
Hadley-Dean Glass Co., 11th & Lucas av, St. Louis, Mo.
Oriel Glass Co., 722 Chestnut, St. Louis, Mo.
Popper Leo. & Sons, 143 Franklin, New York
Smith Thos. J. D., 65 Chambers, Newark, N. J.
Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
Tuna Glass Co., Clarksburg, W. Va.
Western Mirror Plate Co., 824 Wade, Cincinnati, O.

5439— Glass Bevelers

Alta Glass Beveling Works, 1781 Mission, San Francisco, Cal.
Arlington Art Glass Wks, Atlanta, Ga.
Bloom Alfred Co., Omaha, Neb.
Chaudron & Co., 1112 Cathedral, Baltimore, Md.
Chicago Mirror & Art Glass Co., 216 N Clinton, Chicago, Ill.
Cincinnati Beveling & Silvering Co., 430 Oliver, Cincinnati, O.
Dayton Art Glass Works, Dayton, O.
Donnelly J. R. Co., 54 Classon av, Brooklyn, N. Y.
Empire Ornamental Glass Co., 437 Washington, New York
Evansville Mirror & Beveling Co., Evansville, Ind.
Galet A., 1121 Mission, San Francisco, Cal.
Gallagher P. J., 24 New Chambers New York
Haskins Art Glass Co., Rochester, N. Y.
Hires Turner Glass Co., 30th & Walnut, Phila, Pa.
Hooker H. M. Co., 651 W Wash, Chicago, Ill.
Ingerson & Glaser Co., 1739 Sacramento, San Francisco, Cal.
Jones Decorative Glass Co., Concord c Hudson av, Brooklyn, N. Y.
Kansas City Stained Glass Works Co., 1514 Wyandotte, Kansas City, Mo.
Pioneer Plate & Window Glass Co., 1070 Mission, San Francisco, Cal.
Popper Leo. & Sons, 143 Franklin, New York
Potts Bros., 173 Grand, N. Y.
Queen City Glass Works, 118 W 2d, Cincinnati, O.
Raphael H. Co., Los Angeles, Cal.
Riordan G. C. & Co., 313 Walnut, Cincinnati, O.
McPhee & McGinnity Co., Denver, Colo.
Schuler-Mueller Co., 314 W Superior, Chicago, Ill.
Smith Thos. J. D., Newark, N. J.
Standard Glass & Paint Co., Des Moines, Ia.
Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
Stewart-Carey Glass Co., Indianapolis, Ind.
United Glass Works, 58 Page, San Francisco, Cal.
Von Gerichten Art Glass Co.,, 557 S High Columbus, O.
Western Mirror Plate Co., 824 Wade, Cincinnati, O.
Western Sand Blast Mfg. Co., 1458 W Kinzie, Chicago, Ill.
Whittier-Coburn Co., Howard & Beale, San Francisco, Cal.

5440—*Glass Blanks (For Cutters of Mangin Mirrors)

RODEFER GLASS CO. THE, Bellaire, O.
See adv index at end of book

5441— *Glass (Carnation)

WESTERN GLASS CO., Streator, Ill.
See adv index at end of book

5442— Glass (Carrara)

Pittsburgh Plate Glass Co., Frick Bldg, Pittsburgh, Pa.

5443—Glass (Cathedral, Rough Plate & Tile)

Advance Glass Co., Newark, O.
Gray & Son Glass Co., Falls Creek, Pa.
Highland Glass Co., Washington, Pa.
Kokomo Opalescent Glass Co., Kokoma Ind.
Marietta Mfg. Co. (Plain &F ancy Figured), Indianapolis, Ind.
Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
WESTERN GLASS CO. (Rough Plate Only), Streator, Ill.
See adv index at end of book

5444— Glass (Chipped)

Chaudron & Co., 1112 Cathedral, Baltimore, Md.
Empire Ornamental Glass Co., 437 Washington, New York
Falconer Mirror Co., Falconer, N. Y.
Jones Decorative Glass Co., Concord c Hudson av, Brooklyn, N. Y.
Pittsburgh Plate Glass Co., Frick Bldg, Pittsburgh, Pa.
Rawson & Evans Co., 710 W Washington blvd, Chicago, Ill.
Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
Tuna Glass Co., Clarksburg, W. Va.
Western Sand Blast Mfg. Co., 1458 W. Kinzie, Chicago, Ill.

5445—*Glass (Crystal, Lead & Lime)

RODEFER GLASS CO., THE Bellaire, O.
See adv index at end of book

Glass (Druggists')

See Glassware, Chemical & Druggists'

5446— Glass Embossers

Empire Ornamental Glass Co., 437 Washington, New York
Ingerson & Glaser Co., 1739 Sacramento, San Francisco, Cal.
Jones Decorative Glass Co., Concord & Hudson av, Brooklyn, N. Y.
Potts Bros., 173 Grand, N. Y.
Rae G. & Co., 173 Prince, New York
Rawson & Evans Co., 710 W Washington blvd, Chicago, Ill.
Reith Wm., 134 N 7th, Phila., Pa.
Smith H. J. & Sons, 236 S 8th, Phila, Pa.
Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
Western Sand Blast Mfg. Co., 1458 W Kinzie, Chicago, Ill.

5447— Glass Enamelers

Gernhardt H. T. & Co., 409 E Fayette, Baltimore, Md.
Jones Decorative Glass Co., Hudson av & Concord, Brooklyn, N. Y.
Rawson & Evans Co., 710 W Washington blvd, Chicago, Ill.
Von Gerichten Art Glass Co., 557 S High, Columbus, O.
Western Sand Blast Mfg. Co., 1027 W Madison, Chicago. Ill.

5448— *Glass (Figured)

WESTERN GLASS CO., Streator, Ill.
See adv index at end of book

Glass (Fire Retardant)

See Glass, Wire

5449—Glass Floor Plate Mfrs.

Mississippi Glass Co., 220 5th av, New York
Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
WESTERN GLASS CO., Streator, Ill.
See adv index at end of book

5450—Glass (For Diffusion of Light)

Highland Glass Co., Washington, Pa.
Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
WESTERN GLASS CO. ("Holly"), Streator, Ill. *See adv index at end of book*

5451—Glass for Electrical Use

Canton Glass Co., Marion, Ind.
Whitall, Tatum Co., 410 Race, Phila., Pa.

5452—Glass for Engineering Specialties

See also Gauge Glass Importers
Bache, Semon & Co., 636 Greenwich, New York
Canton Glass Co., Marion, Ind.
Gillinder & Sons, State & Devereaux, Phila, Pa.

5453— Glass (Fused Quartz)

Engelhard Chas., Selling Agt. ("Transparent), 30 Church, New York

Glass Globes and Shades

See Globes, Various Kinds; also Shades, Glass & Porcelain, etc

5454— Glass (Ground)

Chrystal Charles B. (Imp.), 13 Cliff, N. Y. *See adv index at end of book*
Cooper Chas. & Co. (For Polishing), 194 Worth, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Rawson & Evans Co., 710 W Washington blvd, Chicago, Ill.
Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
Tuna Glass Co., Clarksburg, W. Va.
Wiarda John C. Co., 273 Greene, Brooklyn, N. Y.

5455—Glass House Clay Supplies

Beaver Valley Pot Co., Rochester, Pa.
Buckeye Clay Pot Co., Toledo, O.
Dubois Clay Mfg. Co., Dubois, Pa.
Findlay Clay Pot Co. (Pots, Tank Blocks, Flattening-Stones, Tank Rings, Floaters, etc), Findlay, O.
Gill Clay Pot Co., Muncie, Ind.
Laclede Christy Clay Products Co., Manchester & Sulphur avs, St. Louis, Mo.
New Jersey Clay Pot Co., Vineland, N. J.
Ohio Valley Clay Co., Steubenville, O.
Pittsburgh, Clay Pot Co., 1261 Reedsdale, Pittsburgh, Pa.
Willets Co., 10th & Bradford, Pittsburgh, Pa.
Woods-Lloyd Co., S 30th & Jane, Pittsburgh, Pa.

5456—Glass House Furnace Builders

Cox & Sons Co., 5th & Chestnut, Phila., Pa.
Smythe S. R. Co., House bldg, Pittsburgh, Pa.

5457— Glass (Leaded)

See also Glass Stainers
Alberts J. B., 307 1st, Louisville, Ky.
Arlington Art Glass Works, Atlanta, Ga.
Art Glass Co., 74 Fort E, Detroit, Mich.
Brand Gustave A. & Co., 1428 Michigan av, Chicago, Ill.
Bryant Bros Co., 79 E Main, Columbus, O.
Bunce Art Glass Co., Richmond, Va.
Century Stained Glass Works (Ltd.), 212 S 11th, Phila., Pa.
Chapin Louis S., Rochester, N. Y.
Chicago Mirror & Art Glass Co., 216 N Clinton, Chicago, Ill.
Clinton Glass Co., 1000 W 21st, Chicago, Ill.
Dallas Art Glass Co., Dallas, Tex
Dayton Art Glass Works, Dayton, O.
Decorative Art Glass Co., Davenport, Ia.
Detroit Mirror Works, Waterman & M C R R, Detroit, Mich.
Detroit Window & Stained Glass Co., Detroit, Mich.
Eberhardt Hugo & Co., 2411 W 12th, Chicago, Ill.
Flanagan & Biedenweg Co., 312 W Illinois, Chicago, Ill.
Ford Bros. Glass Co., 207 Washington av, N, Minneapolis, Minn.
Fuller & Goepp, 34 Davis, San Francisco, Cal.
Geissler R., 56 W 8th, New York
Giannini & Hilgart, 222 W Madison, Chicago, Ill.
Gustafson J. H., Rochester, N. Y.
Hadley-Dean Glass Co., 11th & Lucas av, St. Louis, Mo.
Haskins Art Glass Co., Rochester, N. Y.
Hausleiter Julius & Co., 298 Fulton, Brooklyn, N. Y.
Heinigke & Smith, 24 E 13th, New York
Henderson Bros., 317 E 64th, New York
Highland Glass Co., Washington, Pa.
Hooker H. M. Co., 651 W Washington, Chicago, Ill.
Hooper-Dombrink Art Glass Co., Oakland, Cal.
Jackson Glass Works, Jackson, Mich.
Jacoby Art Glass Co., 2700 St. Vincent, St. Louis, Mo.
Jones Decorative Glass Co., Concord cor Hudson av, Brooklyn, N. Y.
Kansas City Stained Glass Works Co., 1514 Wyandotte, Kansas City, Mo.
Key City Decorative Glass Works, Dubuque, Ia.
Lee Edw. F. Glass Co., Detroit, Mich.
Maginn Chas., 17 E 14th, New York
Morgan Co. (Art), Oshkosh, Wis.
O'Halloran's Thos. Sons, 276 Halsey, Newark, N. J.
Payne Geo. H., Paterson, N. J.
Pittsburgh Plate Glass Co., Frick bldg, Pittsburgh, Pa.
Rawson & Evans Co., 710 W Washington blvd, Chicago, Ill.
Righter & Kolb, 420 Madison av, New York
Riordan G. C. & Co., 313 Walnut, Cincinnati, O.
Rockford Art Glass Works, Rockford, Ill.
Rossbach Art Glass Works, 101 W Broad, Columbus, Ohio
Schuler-Mueller Co., 314 W Superior, Chicago, Ill.
Sharpe Bros., 951 Broad, Newark, N. J.
Snowdon George, Utica, N. Y.
Spiers, Lederle Glass Co., 900 6th av, New York
Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
Temple Art Glass Co., 19 S La Salle, Chicago, Ill.
Tiffany Studios, 361 Madison av, N. Y.
Toledo Art Glass & Mirror Works, Toledo, O.
United Glass Works, 58 Page, San Francisco, Cal.
Von Gerichten Art Glass Co., 557 S High, Columbus, O.
Wallis A. H., 3308 Easton, St. Louis, Mo.
Western Sand Blast Mfg. Co., 1458 W Kinzie, Chicago, Ill.
Wood Clarence W., Syracuse, N. Y.
Wood Glass Co., Syracuse, N. Y.

5458— Glass Mosaic Work

Armstrong, Maitland & Co., 58 W 10th, New York
Dayton Art Glass Works, Dayton, O.
Decorative Stained Glass Co., 312 W 34th, New York
Flagg L. G. & Co., Sudbury bldg, Boston, Mass.
Ford Bros. Glass Co., 207 Washington av N, Minneapolis, Minn.
Geissler R., 56 W 8th, New York
Giannini & Hilgart, 222 W Madison, Chicago, Ill.
Grand Rapids Art Glass Co., Grand Rapids, Mich.
Heinigke & Smith, 24 E 13th, New York
Henderson Bros., 317 E 64th, New York
Lamb J. & R., 25 6th av, New York
McCully & Miles Co., 202 N Wabash av, Chicago, Ill.
Macy R. H. & Co., B'way & 34th, New York
Maginn Chas., 17 E 14th, New York
Michigan Glass Works, Detroit, Mich.
Morgan Jno. & Sons, 17 Union av, Brooklyn, N. Y., & 32 E 9th, New York
Petgen Co., 6709 Hamilton av, Pittsburgh, Pa.
Puddicombe H. & Co., New Haven, Conn.
Rae G. & Co., 173 Prince, New York
Righter & Kolb, 420 Madison av, New York
Riordan G. C. & Co., 313 Walnut, Cincinnati, O.
Spiers Lederle Glass Co., 900 6th av, New York
Summers C, 1455-59th, Brooklyn, N. Y.
Tiffany Studios, 361 Madison av, N. Y.
Tyrolese Art Glass Co., 25 W B'way, New York
Von Gerichten Art Glass Co., 557 S High, Columbus, O.
Wallis A. H., 3308 Easton, St. Louis, Mo.

5459— Glass Opal Blanks

Canton Glass Co., Marion, Ind.
Popper Leo & Sons, 143 Franklin, New York
RODEFER GLASS CO., THE. (For Decorators), Bellaire, O.
See adv index at end of book

5460— Glass (Opalescent)

Bournique Glass Co., Kokomo, Ind.
Clarksburg Opalescent Glass Works, Clarksburg, W. Va.
Dannenhoffer Glass Works, 330 Himrod, Brooklyn, N. Y.
Highland Glass Co., Washington, Pa.
Kokomo Opalescent Glass Co. (Sheet), Kokomo, Ind.
Marietta Mfg. Co., Indianapolis, Ind.
Peltier Glass Co., Ottawa, Ill.
RODEFER GLASS CO, THE, Bellaire, O.
See adv index at end of book
Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
Wissmach Paul Glass Co., Meadow, Long Island City, N. Y.

5460a— Glass (Optical)

Bache Semon & Co. (Imp), 636 Greenwich, New York.

5461— Glass (Photographic)

Bache Semon & Co. (Imp), 636 Greenwich, New York.
Cambridge Glass Co., Cambridge, O.
Canton Glass Co., Marion, Ind.
Standard Plate Glass Co., 30 Sudbury, Boston, Mass.

5462—*Glass (Plano Convex and Double Convex Blanks for Cutting & Polishing)

Rodefer Glass Co., The Bellaire, O.
See adv index at end of book

Glass (Plate Prism)

See Glass, Prismatic

5463—Glass (Plate & Window, Wholesale & Retail)

ALABAMA.

BIRMINGHAM — Birmingham Paint & Glass Co.
Byrum Hardware Co.

ARKANSAS.

LITTLE ROCK—Abeles Chas. T. & Co.

CALIFORNIA.

LOS ANGELES—Dixon Glass Co.
Fuller, W. P. & Co.
Raphael H. Co., 641 S Main
OAKLAND—Fuller W. P. & Co.
Cobbleick-Kibbe Glass Co.
SACRAMENTO—Fuller W. P. & Co.
SAN DIEGO—Fuller W. P. & Co.
SAN FRANCISCO—A. Galet, 1121 Mission
Friedman Bros., 461 Valencia
Fuller W. P. & Co., 301 Main
Fuller & Goepp, 34 Davis
Habenicht & Howlett, Inc., 525 Clay
Mutual Plate & Window Glass Co., 1921 Mission
Pioneer Plate Window Glass Co., 1070 Mission
Whittier-Coburn Co., Howard & Beale

COLORADO.

DENVER—Hallack Lumber & Supply Co. 3901 Gilpin
Hallack & Howard Lumber Co.
James B. L., Mercantile & Mfg. Co.
McPhee & McGinnity Co.

CONNECTICUT.

HARTFORD—Andrews & Peck Co.
Nims, Whitney & Co.
Trant John C.
NEW BRITAIN—Rackliffe Bros. Co.
NEW HAVEN—Brodner K.
Morgan & Humiston Co.
TORRINGTON—Hotchkiss Bros. Co.

DELAWARE.

WILMINGTON—Bradford James Co., 8 E 3d

DISTRICT OF COLUMBIA.

WASHINGTON—Barber & Ross, 11th, c G, N W
Brown R. M., 1252 7th, N W
Muth Geo. F. & Co., 418 7th, N W
Reilly Hugh, 1334 New York av, N W
Smith Thos. W., 1st c Ind. av, N W

GEORGIA.

ATLANTA—Georgia Paint & Glass Co.
Pittsburgh Plate Glass Co. (Mfrs.)
SAVANNAH—Butler J. G. Builders' Supply Co.

ILLINOIS.

CHICAGO—Active Glass Co ., 740 S Wabash av
American Luxfer Prism Co., 1018 37th
American Window Glass Co., 122 S Michigan av
Bein E. & Co., 1632 Milwaukee av
Berger S. K., 414 S Dearborn
Chicago Building Glass Co., 3516 N Clark
Cooperative Plate Window Glass Co., 5914 S Racine av
Fulton Glass Co., 715 Fulton
Hooker H. M. Co.,651 W Washington
Imperial Glass Co., 29 E Madison
Jefferson Glass Co., 5 S Wabash av
Metropolitan Glass Co., 1545 N Western av
National Glass Co., 705 Blue Island av
North Side Glass Co., 1845 W Van Buren
Pittsburgh Plate Glass Co. (Mfrs), 451 St Clair
Rawson & Evans Co., 710 W Washington blvd
Rice James H. Co., 111 W Washington
Sprague Smith Co., 164 W Randolph
Standard Glass Co., 2349 S La Salle
Swanson J. Glass Co., 168 W Chicago av
Tyler & Hippach, 366 W Ohio
OTTAWA—Sanders Bros. Mfg. Co.
PEORIA—Wahlfeld Mfg. Co.
QUINCY—Garretts Henry G. & Sons
Heidbreder Bros. & Co.
Oenning Glass & Book Co.
Young Bros. Decorative Co.
ROCK ISLAND—Rock Island Sash & Door Works
Volk John & Co.
SPRINGFIELD—Power Chas. A.
STREATOR—Williams Hardware Co.

INDIANA.

EVANSVILLE—Evansville Mirror & Beveling Co.
Evansville Paint & Varnish Co.
Johnson Elmer C.
FORT WAYNE—Schlatter C. C. & Co.
INDIANAPOLIS—Aldag Paint & Varnish Co.
Indianapolis Paint & Color Co.
Johnson-Woodbridge Co.
Sargent Paint Co., N. J. & Mass av
Stewart-Carey Glass Co.
KOKOMO—Armstrong Landon Co.
LAFAYETTE—Lafayette Lbr. Co.
Taylor Lbr. Co.
RICHMOND—Jones Hardware Co.
Miller Bros. Hardware Co. (Window Glass)
TERRE HAUTE—Adamson & Anderson
Krietenstein Carl

IOWA.

CALMAR—Calmar Mfg. Co.
CEDAR RAPIDS—Williams & Hunting Co.
CLINTON—Curtis Brothers & Co.
DAVENPORT—Gordon, Vantine Co.
McClelland T. W. Co.
Pittsburgh Plate Glass Co.
DES MOINES—Buck Bros. Co.
Carr & Baal Co. (Wholesale Only)
DUBUQUE Carr-Ryder & Adams Co.
Farley & Loetscher Mfg. Co.
LYONS—Disbrow M. A. & Co.

KANSAS.

EMPORIA—Emporia Lbr. & Coal Co.
HUTCHINSON—Hutchinson Lumber & Planing Mill Co
WICHITA—United Sash & Door Co.
Wichita Sash & Door Co.
Young Bros Decorating Co

KENTUCKY.

LOUISVILLE—Hughes E. L. Co.
Hughes W. J. & Sons Co.
Peaslee-Gaulbert Co.

LOUISIANA.

NEW ORLEANS—
Louisiana Glass & Mirror Works, 309 Lafayette

MAINE.

PORTLAND—King & Dexter Co.

MARYLAND.

BALTIMORE—Baker Bros & Co, 27 South Gay
Chaudron & Co, 1112 Cathedral
Kaufman E. L. & Co., Liberty & Fayette
Selm Henry & Co., Fayette & Howard

MASSACHUSETTS.

BOSTON—Boston Plate & Window Glass Co., 287 A
Millen & Williamson, 26 Kneeland
Pittsburgh Plate Glass Co., 99 Portland
STANDARD PLATE GLASS CO., 30 Sudbury
WORCESTER—Marble J. Russell & Co.

MICHIGAN.

DETROIT—American Paint & Glass Co. 129 Fort, W
Art Glass Co, 74 Fort E
Boydell Bros. White Lead & Color Co.
Central Paint & Glass Co., 36 Cadillac sq.
Detroit Window & Stained Glass Co.
Frohlich Glass Co.
Pittsburgh Plate Glass Co., 53 Larned, E
Reid Wm. Glass Co., 741-53 Fort W
Schroeder Paint & Glass Co.
JACKSON—Jackson Glass Works

MINNESOTA.

DULUTH—St. Germain Bros.
MINNEAPOLIS—Forman, Ford & Co., 111 S 2d
Janney, Semple, Hill & Co., 1st av S & 2d
Northwestern Glass Co, 219 N 2nd
Pittsburgh Plate Glass Co. (Mfrs), 500 S 3d
ST. PAUL—Mann F. R. & Son, 437 St. Peter
Noyes Bros. & Cutler, 6th & Sibley
Pittsburgh Plate Glass Co., 459 Jackson
Whitehead Wm. G. Glass Co., 180 W 4th

MISSOURI.

KANSAS CITY—American Sash & Door Co.
Campbell Glass & Paint Co, 1421 Walnut
Faxon & Gallagher Drug Co, 80 Broadway
Pittsburgh Plate Glass Co. (Mfrs), 5th & Wyandotte
McDonald Paint & Glass Co., 1408 Grand av
Sewall Paint & Glass Co, 1009 W 8th
Huttig Mill Work Co.
ST. JOSEPH—Pimbley Paint & Glass Co.
ST. LOUIS—Campbell Glass & Paint Co., 816 N 7th
Condie-Bray Glass & Paint Co., B'way & Benton
Hadley-Dean Glass Co.
Hafner Mfg. Co., Main & Dock
Obear-Nester Glass Co., 2d & Chestnut
Other J. C. Art Glass Co., 312 N 17th
Pittsburgh Plate Glass Co., 10th & Spruce
Pockels Drug, Glass & Paint Co., Jefferson & Gravois
St. Louis Sash & Door Works, B'way & Destrehan
Thatcher-Kerwin Glass Co., 515 Spruce
Weigelt Glass & Mirror Co., 615-7 So 6th
Wendling Jos. Art Glass Co., 207 S Broadway
SPRINGFIELD—Springfield Pl'g Mill & Construction Co.
VALLEY PARK—Missouri Plate Glass Co.

MONTANA.

HELENA—Parchen Drug Co.

NEBRASKA.

LINCOLN—Western Glass & Paint Co.
OMAHA—Midland Glass & Paint Co.
Richardson Drug Co., 902 Jackson

NEW JERSEY.

HOBOKEN—Bloomberg Saml.
JERSEY CITY—Max Lewis, 52 Green
NEWARK—Bass Saml. M., 38 Belleville av
Hockenjos J. J. Co., 829 Broad
Smith T. J. D., 65 Chambers
Newark Glass Co., 271 Market
Vanhorne D. A. & Co., 311 Mt. Pleasant av
PATERSON—Hamilton Lumber Mfg. Co.
Kier A. H.

NEW YORK.

ALBANY—Bradstreet Wm. H., 165 S Pearl
Cameron G. V. & F. W., 284 Central av

BINGHAMTON—Binghamton Glass Co.
Lawrence Paint Co.
Sanders H. H.
BROOKLYN—(See N. Y. City, Borough of Brooklyn
BUFFALO—Becker Glass & Paint Co., 372 Pearl
Booth Art Glass Co., 84 W Huron
Buffalo Glass Co., 101 E Seneca
Fostoria Glass Co., 60 Pearl
Fritzsche & Kleason, 197 E Genesee
Pittsburgh Plate Glass Co., 372 Pearl
Post's John C. Sons, 52 S Division
Wright A. B. & Co., 230 Washington
ELMIRA—Booth Irving D.
ITHACA—Treman, King & Co.

NEW YORK CITY.

Borough of Brooklyn

BROOKLYN—Donnelly J. R. Co., 54 Classon av
Friedlander Jos. B. B. Co., 233 Washington
Lazansky Emil, 324 Myrtle av
Pittsburgh Plate Glass Co., 3d av & Dean

Boroughs of Manhattan and Bronx.

NEW YORK—Allison & Doughty, 24 Downey
Bache, Semon & Co., 636 Greenwich
Bartelstone Bros., 4179 3d av
Bartelstone & Co., 1170 B'way
Crane Glass & Mfg. Co., 392 Hudson
Dunham Thos. C., 68 Murray
Edmonds Thos. C. & Co., 1826 Park av
Goldman Philip, 81 Greene
Goldstein Louis, 231 Bowery
Griffen Benjamin, 40 Vestry
Harris L. & Sons, 177 Greenwich
Holbrook Bros., 89 Beekman
Hutkoff Nathan & Co., 80 Greene
Kahn Jacques, 533 W 37th
Morris Theo. W. & Co., 440 Canal
Pittsburgh Plate Glass Co., 322 Hudson
Popper Leo & Sons, 143 Franklin
Rubin Jacob, 11 James
Schottland Benjamin, 105 Wooster
Von Buhren George, 9 Baxter
Weber C. S. & Co., 8 Desbrosses

Borough of Queens.

LONG ISLAND CITY—Elias Jos. & Co., Jackson av

(End of New York City)

ROCHESTER—Barnard, Porter & Remington
Clark Paint, Oil & Glass Co.
Rugg C. H. Co.
SYRACUSE—Brown Clinton C.
Burhans & Black (Inc.)
Wood Clarence W.
Wood Glass Co.
TROY—Curtis Fred W.
Dauchy Chas. H. Co.
Thompson John L. Sons & Co.
UTICA—Kellogg Chas. C. & Sons Co.

OHIO.

CINCINNATI—Cincinnati Plate Glass Co., 319 W 2d
Foy Paint Co., 230 E 5th
Glenny Wm. Glass Co., 10 W Commerce
Kolbe John Co., 229 W 5th
Meyer E. H. & Co., 35 E Court
Neuer H. Glass Co., 518 Reading rd
Pittsburgh Plate Glass Co., B'way & Court
Washburn Ira D. Co., 906 Central av
CLEVELAND—Cleveland Window Glass & Door Co., 209 Champlain av, N W
Crane Glass & Mfg. Co., 206 St. Clair av
Diamond Glass Co., 1447 W 25th
Ohio Sash & Door Co., 711 Canal rd, N W
Pittsburgh Plate Glass Co. (Mfrs), 3847 Hamilton av
Saunders J. A. Co., 11830 Detroit av
Teachout A. Co., 331 Prospect av, N W
COLUMBUS—Columbus Plate & Window Glass Co., 69 E Long
Coulson J. W. & Co.
Jones W. R. & Co. (Mfrs), Outlook bldg
Von Gerichten Art Glass Co., 557 S High
DAYTON—Irvin, Jewell & Vinson Co.
West Side Lumber Co.
HILLSBORO—Enterprise Planing Mill Co. (Wholesale, etc)
TOLEDO—Toledo Plate & Window Glass Co.
YOUNGSTOWN—Youngstown Glass & Paint Co.

OREGON.

PORTLAND—Central Door & Lumber Co.
Fisher, Thorsen & Co.
Illinois-Pacific Glass Co.
Pioneer Paint Co.
Rasmussen & Co.

PENNSYLVANIA.

ERIE—Erie Window Glass Co.
PHILADELPHIA—Bennett G. S. & Co., 114 N 9th
Bennett H. L., Phila. Bourse
Hires, Turner Glass Co., 30th & Walnut
Knorr Edwin B. & Bro., 1817 Orthodox, Fkd
Pittsburgh Plate Glass Co., 11th & Arch
Shoemaker Benj. H., 205 N 4th
Star Glass Co., 106 N 4th
Steele Glass Co., 622 Locust
United States Glass Co., Denckla bldg
PITTSBURGH—Conroy-Prugh Co., 1430 Western av
Cunningham D. O. Glass Co., Jane & 22d
Johnston Brokerage Co., 1st Nat. Bk. Bldg.
Kim Geo. A. & Co., 318 1st av
Pittsburgh Plate Glass Co., Frick Bldg
READING—Kase J. M. & Co.
RIDGWAY—Hyde-Murphy Co.

RHODE ISLAND.

PAWTUCKET—Tingley Frank E.
PROVIDENCE—Johnson Oliver & Co., 24 Custom House
Perkins Bros. Co., 970 Westminster
Providence Sash & Blind Co., 309 Dean
Rosenblatt Henry, 148 Fountain
Smith-Holden Co., 24 South Water
Starkweather & Williams Co., 47 Exchange pl

SOUTH CAROLINA.

CHARLESTON—Bird W. M. & Co.

TENNESSEE.

MEMPHIS—Binswanger & Co.,
Cole Mfg. Co.
NASHVILLE—Beasley & Sons Co.
Riddle Co.
Warren Bros. Co.

TEXAS.

DALLAS—Texas Glass & Paint Co.
EL PASO—Tuttle Paint & Glass Co.
GALVESTON—Baulard V. L. & Co.
Smith J. F. & Bro.

UTAH.

OGDEN—Ogden Paint, Oil & Glass Co.
SALT LAKE CITY—Culmer S. Co.
Ebert Geo. W. Co.

VIRGINIA.

NORFOLK—Building Supplies Corp.
Nash C. A. & Son
PORTSMOUTH—Hawks-Maupin Co.
RICHMOND—Abrams Paint & Glass Co.
Binswanger & Co.

WASHINGTON.

SEATTLE—Belknap C. C. Glass Co.
Fuller W. P. & Co.
SPOKANE——Fuller W. P. & Co.
TACOMA—Fuller W. P. & Co.
Wheeler-Osgood Co.

WEST VIRGINIA.

WHEELING—Chapman W. H. & Sons
Wilson W. A. & Sons (Ornamental Prism Plate), 1409 Main

WISCONSIN.

APPLETON—Miller Lumber Co.
LA CROSSE—Segelke & Kohlhaus Mfg. Co.
MILWAUKEE—Patek Bros., 232 E Water
Patton Jas. E. Co., 486 Market
Yahr & Lange Drug Co., 207 E Water
Zummach Wm. F., 283 W Water
OSHKOSH—Morgan Co.
RACINE—Driver Thos. & Sons Mfg. Co., Ltd.)
Weber-Bahnemann Co.

5464—Glass (Polished Plate, Mfrs.)

Allegheny Plate Glass Co., Glassmere, Pa.
American Plate Glass Co., Kane, Pa.
Columbia Plate Glass Co., Blairsville, Pa.
Federal Plate Glass Co., Ottawa, Ill.
Ford Edw. Plate Glass Co., Rossford, O.
Heidenkamp Plate Glass Co., Springdale, Pa.
Missouri Plate Glass Co., Valley Park, Mo.
Pittsburgh Plate Glass Co., Frick bldg, Pittsburgh, Pa.
Saginaw Plate Glass Co., Saginaw, Mich.
Bache, Semon & Co. ("Argentine"), 636 Greenwich, New York
Standard Plate Glass Co., 30 Sudbury, Boston, Mass.

5465—*Glass (Polished Wire)

Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
WESTERN GLASS CO., Streator, Ill.
See adv index at end of book

5466—Glass (Pressed Light, Mfrs.)

Cambridge Glass Co., Cambridge, O.
Canton Glass Co., Marion, Ind.
RODEFER GLASS CO., THE, Bellaire, O.
See adv index at end of book
U. S. Glass Co., S 9th & Bingham, Pittsburgh, Pa.

5467—Glass (Prismatic Mfrs.)

See also Glass, Vault and Sidewalk
American Bar Lock Co. ("Bar Lock" & "Nu Plan" with 3 Point Prism Lights), Long Island City, N. Y.
American Luxfer Prism Co., General Office & Factory, 1018 37th, Chicago, Ill.
American Three-Way Prism Co. (Three-Way Prisms), Main Office: La Porte, Ind.
Cambridge Glass Co., Cambridge, O.
Canton Glass Co., Marion, Ind.
Daylight Glass Mfg. Co., 411 Walnut, Philadelphia, Pa.
Highland Glass Co. (Plate, etc), Washington, Pa.
Maltby Prism Co., Flatiron bldg, New York
Pressed Prism Plate Glass Co. ("Imperial" Plate Prism Glass), Morgantown, W. Va.
RODEFER GLASS CO. THE (For Architectural Iron Work), Bellaire, O.
See adv index at end of book
Solar Prism Co., Cleveland, O.
Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
WESTERN GLASS CO., Streator, Ill.
See adv index at end of book
Wyle J. J. & Bros., Inc. (For Cut Glass Chandeliers) (Imp.), 20 E 27th, New York

5468— Glass (Resilvering)

Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
Stewart-Carey Glass Co., Indianapolis, Ind.

5469—Glass (Rough, Ribbed & Figured Rolled Plate Mfrs.)

Advance Glass Co., Newark, O.
Gray & Son Glass Co., Falls Creek, Pa.
Highland Glass Co., Washington, Pa.
Marietta Mfg. Co., Indianapolis, Ind.
Mississippi Glass Co., 220 5th av, New York
Pennsylvania Wire Glass Co., Penn. Bldg., Phila., Pa.
Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
WESTERN GLASS CO., Streator, Ill.
See adv index at end of book

5470—*Glass (Rough & Ribbed, for Skylights)

WESTERN GLASS CO., Streator, Ill.
See adv index at end of book

5471— Glass (Sand Blast)

Empire Ornamental Glass Co., 437 Washington, New York
Falconer Mirror Co., Falconer, N. Y.
Jones Decorative Glass Co., Hudson av c Concord, Brooklyn, N. Y.
Rawson & Evans Co., 710 W Washington blvd, Chicago, Ill.
Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
WESTERN GLASS CO., Streator, Illl.
See adv index at end of book
Western Sand Blast Mfg. Co., 1458 W Kinzie, Chicago, Ill.

5472—Glass (Skylight, Mfrs.)

Cambridge Glass Co., Cambridge, O.
Canton Glass Co., Marion, Ind.
Highland Glass Co., Washington, Pa.
Marietta Glass Mfg. Co., Indianapolis, Ind.
Mississippi Glass Co., 220 5th av, New York
Missouri Plate Glass Co. (Rough), Valley Park, Mo.
Pennsylvania Wire Glass Co., Penn. Bldg., Phila, Pa.
RODEFER GLASS CO. THE (For Architectural Iron Work), Bellaire, O.
See adv index at end of book
Sergeant Glass Co., Williamsport, Pa.
Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
WESTERN GLASS CO., (Rough & Ribbed, etc), Streator, Ill.
See adv index at end of book

5472a— *Glass (Smalting)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

5472a1— *Glass (Solite)

Western Glass Co., Streator, Ill.
See adv index at end of book

5473—*Glass Specialties (Blown & Pressed)

RODEFER GLASS CO. THE, Bellaire, O.
See adv index at end of book

5474— Glass Stainers

See also Memorial Windows

CALIFORNIA.

OAKLAND—**DELACOURT ART GLASS WORKS,** 10th & Webster
Hooper-Dombrick Art Glass Co.
SAN FRANCISCO—Ingerson & Glaser Co., 1739 Sacramento
Munich Art Glass Co., 667 Mission
San Francisco Art Glass Co., 505 Ellis
United Glass Works, 58 Page

CONNECTICUT.

BRIDGEPORT—Bridgeport Art Glass Co.
HARTFORD — Hartford Stained Glass Works
NEW HAVEN—Beckman Otto F. Co.
Puddicombe H. & Co.

ILLINOIS.

CHICAGO—Clinton Glass Co., 1000 W 21st
Columbia Art Glass Co., 1956 N Halsted
Englewood Art Glass Co., 6749 Emerald
Eureka Art Glass Co., 2915 Lincoln
Flanagan & Biedenweg Co., 312 W Illinois
Giannini & Hilgart, 222 W Madison
Heidelmeier Art Glass Works, 4613 W Clark
Helmerich W. H. & Co., 719 Fulton
Hooker H. M. Co., 651 W Wash'n
Linden Co., 1216 S Michigan av
Munich Studio, 300 W South Water
National Art Glass Co., 5247 S Green
Neuhauser David L., 326 W Grand av
Rawson & Evans Co., 710 W Wash'n blvd
Schuler Art Glass Co., 617 W Jackson blvd
Schuler-Mueller Co., 314 W Superior
Temple Art Glass Co., 19 S La Salle
Western Sand Blast Mfg. Co., 1458 W Kenzie
ROCKFORD—Rockford Art Glass Works

INDIANA.

INDIANAPOLIS—Schurmann E.
Stewart-Carey Glass Co.

IOWA.

DAVENPORT—Decorative Art Glass Co.
DES MOINES—Allward-Bowman Glass Co.
DUBUQUE—Key City Decorative Glass Works

LOUISIANA.

NEW ORLEANS—Louisiana Glass & Mirror Works, 309 Lafayette

MAINE.

PORTLAND—Farley C. H. & Co.

MARYLAND.

BALTIMORE—Gernhardt H. T. & Co., 409 E Fayette
Gettier Studios, 855 N Howard
Hofherr Geo. W., 409 E Fayette
Smyth Wm., 620 N Eutaw
Southern Stained Glass Co., 620 N Eutaw

MASSACHUSETTS.

BOSTON—Bartsch Valentine. Roslindale
Beaumont & Aughtie, 36 Columbus av
Colonial Stained Glass Works, 161 High
Cushing & Anderson, 155 Dudley Rox
Flagg L. G. & Co., Sudbury bldg
Larrabee R. B., 98 Portland
Phipps Horace J. & Co., 65 Bedford
Spence, Bell & Co., 90 Canal
Union Stained Glass Co., 708 Columbia rd
Vaughan-O'Neil & Co., 82 Sudbury
Wise G. W. Co., 86 Federal
WORCESTER—Worcester Stained Glass Works (David Welch, Prop.)

MICHIGAN.

DETROIT—Art Glass Co., 74 Fort, E
Detroit Window & Stained Glass Co.
Lee Edw. F. Glass Co.
GRAND RAPIDS—Grand Rapids Art Glass Co.
MENOMINEE—Menominee Stained Glass Co.

MINNESOTA.

DULUTH—St. Germain Bros.
MINNEAPOLIS—Ford Bros. Glass Co., 207 Washington av N
ST. PAUL—Paussek & Carr

MISSOURI.

KANSAS CITY—Kansas City Stained Glass Works Co., 1514 Wyandotte
ST. JOSEPH—St. Joseph Art Glass Co.
ST. LOUIS—Century Ornamental Glass Co., 5039 Delmar
Davis W. W., 3922 Olive
Frei Emil Art Glass Co., 3934 S Grand av
Jacoby Art Glass Co., 2700 St. Vincent
Thatcher-Kerwin Glass Co., 517 Spruce
Other J. C. Art Glass Co., 312 N 17th
Weigelt Glass & Mirror Co., 615 S 6th
Wendling Jos. Art Glass Co., 207 S B'way

NEW JERSEY.

NEWARK—Metzger Richard, 54 Duryea
O'Halloran's Thos. Sons, 276 Halsey
Sharpe Bros., 951 Broad
ORANGE—Stevens Jos.

NEW YORK.

ALBANY—Blocksidge Jas., 2 High
Stained Glass Studio, 222 Hudson av
BINGHAMTON—Rowland Chas. P.
BROOKLYN—(See New York City, Borough of Brooklyn, N. Y.)
BUFFALO—Booth Art Glass Co., 84 W. Huron
Dwelle-Kaiser Co., 251 Elm
Electric City Glass Co., 480 Genessee
Frohe Leo. P., 220 B'way
Post Art Glass & Dec. Co., 311 Oak
Terhaar & Mundle, 433 William

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Hausleiter Julius & Co., 298 Fulton
Jones Decorative Glass Co., 231 Hudson av
Keller John, 1197 Madison
Lamb Maskell T., 233 Bergen
Morgan Jno. & Sons, 17 Union av
Muelbe L. F., 2724 Avenue F
Stuetzle Chas., 106 S 8th
Summers Chas, 1455-59th
Tuckhorn Francis, 366 Atlantic av

Boroughs of Manhattan and Bronx.

NEW YORK—Armstrong, Maitland & Co., 58 W 10th
Art Glass Studios, 374 E 141st
Castle Montague London Co., 126 6th av
Cornell Chas. J., 345 W B'way
Decorative Stained Glass Co., 312 W 34th
Dodge Robert L., 242 W 14th
Geissler Rudolph, 56 W 8th
Heaton, Butler & Bayne (Ltd.), 437 5th av
Henderson Bros, 317 E 64th
Herrlein & Henrich Co., 97 Hudson
Hillenbrand Edw. F., 257 W 29th
Howard Glass Works, 104 Chambers,
Imperial Art Glass & Lamp Works, 205 W 19th
Koechig Julius C., 717 6th av
Lamb J. & R., 25 6th av
Malz Herman, 19 E 14th
Magin Chas., 17 E 14th
Morgan John & Son, 21 E 40th
Popper Leo & Sons, 143 Franklin
Quinn Jno, F. Co., 256 W. 81st
Righter & Kolb, 420 Madison av
Spiers, Lederle Glass Co., 900 6th av
Standard Art Glass Co., 237 Lafayette
Tiffany Studios, 361 Madison av
Tyrolese Art Glass Co., 25 W B'way
Von Gerichten Art Glass Co., 52 Morningside av

(End of New York City)

ROCHESTER—Chapin Louis S.
Gustafson J. H.
Haskins Art Glass Co.
Pike Stained Glass studios, 191 East av

OHIO.

CINCINNATI—Anchor Art Glass Co., 220 W 4th
Riordan G. C. & Co., 313 Walnut
Ruckel Art Glass Co., Pugh bldg
CLEVELAND—Ursem L. J. Art Shade Co., Columbia Bldg.
Whipple Art Glass Co., 409 Prospect av N W
COLUMBUS—Rossbach Art Glass Works, 101 W Broad
Von Gerichten Art Glass Co., 557 S High
DAYTON—Dayton Art Glass Works
TOLEDO—Toledo Art Glass & Mirror Works, 416 S St.
YOUNGSTOWN—Ohio Art Glass Co.

OREGON.

PORTLAND—Portland Art Glass Works, 285½ Taylor
Povey Bros. Glass Co., 100 N 5th

PENNSYLVANIA.

ERIE—Messenger Benj.
PHILADELPHIA—Callanan Martin, 421 N 19th
Century Stained Glass Works (Ltd.), 212 S 11th
Columbia Stained Glass Works, 25 S 2d

Decorative Glass Co., 3248 Chestnut
Dukes Glass Works, 2217 Chestnut
Godwin Alfred, 2217 Chestnut
Hawkins Alfred W. & Son, 1823 S 19th
Marcus Bros., 866 N 10th
Oesterle Stained Glass Works, 327 N 11th
Quaker City Stained Glass Works, 222 N 4th
Reith Wm., 134 N 7th
Schmitt Chas. N., 4th & Callowhill
Smith H. J. & Sons, 236 S 8th
Weeder F. Ellsworth, 34 S 16th
West Phila. Art Glass Works, 4219 Market
PITTSBURGH—Hunt Henry, 175 Steuben
Potgen Co., 6709 Hamilton av
Pittsburgh Art Glass Co., Warden & McCartney
Pittsburgh Stained Glass Works, 6709 Hamilton av
Rudy Bros. Co., Highland & Center
Twin City Art Glass Works, 14 E Lacock
READING—Kase J. M. & Co.

TENNESSEE.

MEMPHIS—Kemnitz Emil

VIRGINIA.

RICHMOND—Bunce Art Glass Co.

WASHINGTON.

SEATTLE—Puget Sound Art Glass Co.
Suess Glass Co.

WISCONSIN.

LA CROSSE—Art Glass Co.
MILWAUKEE—Bell Art Glass Works, 2416 North av
Breen Art Glass Co, 29 Martin
Enterprise Art Glass Works, Enterprise bldg
Gavin Mirror & Art Glass Works, 275 W Water
Milwaukee Mirror & Art Glass Works, 203 B'way

5475—Glass Stainers' Supplies

Deissler P. & Bro., 249 S 6th, Phila., Pa.

5476—Glass (Structural Sanitary)

Marietta Mfg. Co., Indianapolis, Ind.
Opalite Tile Co. ("Cosmos," "Opalite"), Monaca. Pa.
Standard Plate Glass Co. (Jobbers), 30 Sudbury, Boston, Mass.

5477—Glass (Vault & Sidewalk)

Cambridge Glass Co. (Pressed), Cambridge, O.
Canton Glass Co., Marion, Ind.
Co-Operative Flint Glass Co., Beaver Falls, Pa.
Imperial Glass Co., Charleroi, Pa.
Parker Bros. Glass Mfg. Co., Bridgeton, N. J.
RODEFER GLASS CO., THE (Tiling for Architectural Iron Work), Bellaire, O.
See adv index at end of book

Smith L. E. Glass Co., Mt. Pleasant, Pa.
Sneath Glass Co., Hartford City, Ind.
Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
U. S. Glass Co., S 9th & Bingham, Pittsburgh, Pa.
Whitall & Tatum Co., 410 Race, Phila., Pa.

5478—Glass (Window, Mfrs.)

Alleghany Window Glass Co., Port Allegany, Pa.
Alliance Window Glass Co., Salem, W Va
American Window Glass Co., Farmers' Bank bldg, Pittsburgh, Pa.
Baker Bros. Glass Co., Okmulgee, Okla.
Banner Window Glass Co., South Charleston, W. Va.
Baur Window Glass Co., Eaton, Ind.
Blackford Window Glass Co., Vincennes, Ind.
Brookville Glass & Tile Co., Brookville, Pa.
Buckeye Window Glass Co., Bonham av, Columbus, O.
Caddo Window Glass Co., Shreveport, La.
Camp Glass Co., Huntington, W. Va.
Charleston Window Glass Co., Charleston, W. Va.
Clarksburg Glass Co., Clarksburg, W. Va.
Cole Glass Co., Lancaster, O.
Columbus Glass Co., Lancaster, O.
Consolidated Window Glass Co., Bradford, Pa.
Connelly Glass Co., Caney, Kans.
Crescent Window Glass Co., Weston W. Va.
Cunningham D. O. Glass Co., Pittsburgh, Pa.
Doddridge Window Glass Co., West Union, W. Va.
Dunkirk Window Glass Co., South Charleston, W. Va.
Eastern Ohio Glass Co., Barnesville, O.
Eldred Window Glass Co., Punxsutawney, Pa.
Empire Glass Co., Smithport, Pa.
Equitable Window Glass Co., Buckhannan, W. Va.
Fairmont Window Glass Co., Fairmont, W. Va.
Fairfield Glass Co., Lancaster, Ohio
Federated Glass Co., Point Marion, Pa.
Fredonia Window Glass Co., Fredonia, Kans.
Ideal Window Glass Co., West Union, W. Va.
Independent Glass Co., Sistersville, W. Va.
Ithaca Glass Mfg. Co., Spring City, Pa.
Jeannette Window Glass Co., Point Marion, Pa.
Johnston Glass Co., Hartford City, Ind.
Kane Glass Co., Kane, Pa
Lafayette Window Glass Co., Clarksburg, W. Va.
Licking Window Glass Co., Utica, O.
Mannington Window Glass Co., Mannington, W. Va.
Masontown Glass Co., Masontown, Pa
Modern Window Glass Co., Salem, W. Va.
National Sash & Door Co., Coffeyville, Kans.
New Bethlehem Window Glass Co., New Bethlehem, Pa.
Norwood Glass Co., Clarksburg, W. Va.
Ohio Central Glass Co., Pleasantville, O.
Patterson Glass Mfg. Co., Cameron, W Va.
Peerless Window Glass Co., Clarksburg, W. Va.
Pennsylvania Window Glass Co., Kane, Pa.
Pike Stained Glass Studios, 191 East av, Rochester, N. Y.
Point Marion Window Glass Co., Point Marion, Pa.
Rolland Glass Co., Clarksburg, W. Va.
Salem Co-operative Window Glass Co, Salem, W. Va.
Sandusky Glass Co, Sandusky, O
Smethport Glass Co., Smethport, Pa.
Standard Plate Glass Co. (Jobbers), 30 Sudbury, Boston, Mass.
Sunflower Glass Co., Sapulpa, Okla.
Tuna Glass Co., Clarksburg, W. Va.
U. S. Window Glass Co., Morgantown, W. Va.
Utica Glass Co., Utica, O.
West Fork Glass Co., Clarksburg, W. Va.
Wilcox Glass Co., Kane, Pa

5478a—*Glass (Windshield)

STANDARD PLATE GLASS CO., 30 Sudbury, Boston, Mass.

Hendricks' Commercial Register

is not a Catalog of Advertisers alone, but a Complete Register of the manufacturers and jobbers in every line of trade that comes within the scope of the work.

5479— Glass (Wire Glass)

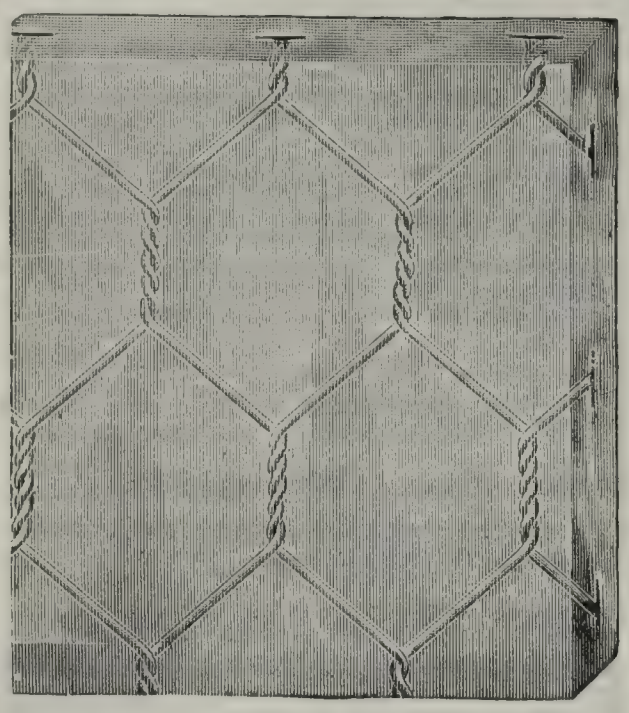
Highland Glass Co., Washington, Pa.
Marietta Mfg. Co., Indianapolis, Ind.
Mississippi Glass Co., 220 5th, New York
Pennsylvania Wire Glass Co. ("Aqueduct," "Cobweb"), Penn bldg, Phila., Pa.
Standard Plate Glass Co. (Jobbers), 30 Sudbury, Boston, Mass.

The Rodefer Glass Company

MANUFACTURERS OF

BATTERY JARS, VAULT, SKY and PRISMATIC WINDOW LIGHTS.
SPECIALTIES IN OPAL, CRYSTAL, LEAD and COLORED GLASS.
Private Mould Work Solicited. Lantern Globes. Opal Ware for Decorations. Blown and Pressed Specialties in Private Moulds

BELLAIRE, OHIO



Wire Glass

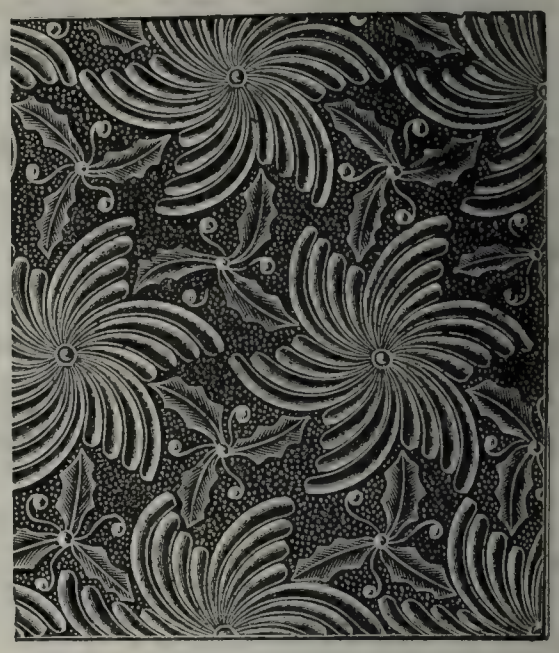
Fully Approved by National Board of Fire Underwriters

RIBBED, ROUGH, FIGURED and POLISHED.

ALL PATTERNS OF

FIGURED GLASS

of exquisite and artistic designs, meeting the most exacting requirements.



"HOLLY"

THE WESTERN GLASS CO., Streator, Ill.

GLASS (WIRE GLASS)—continued

WESTERN GLASS CO., Streator, Ill.
See adv index at end of book

Wissmach Paul Glass Co., Meadow, L. I. City, N. Y.

5480—*Glass (Wire, Approved Fire Stop)

WESTERN GLASS CO., Streator, Ill.
See adv index at end of book

5481-2—*Glass (Wire, for Fire-Proof Windows)

WESTERN GLASS CO., Streator, Ill.
See adv index at end of book

5483— *Glass (Wire, Holly)

WESTERN GLASS CO., Streator, Ill.
See adv index at end of book

5484—*Glass (Wire, Skylight)

WESTERN GLASS CO., Streator, Ill.
See adv index at end of book

5484a— Glass Wool

ANGEL H. REEVE & CO., INC., 7 Spruce, New York

5485— Glasses (Cylindrical)

DIAMOND SPECIALTY & SUPPLY CO. (Oil Cups), 1225 Arch, Phila., Pa.
German-American Glass Wks, **Phila., Pa.**
ROGERS H. A. CO., 87 Walker, New York
See adv index at end of book

5486— Glasses (Jelly)

Ball Bros. Glass Mfg Co. ("Ball" Jelly Glasses & Tumblers), Muncie, Ind.
Federal Glass Co., Columbus, O.
Imperial Glass Co., Bellaire, O.
Indiana Glass Co., Dunkirk, Ind.
Kerr Glass Mfg. Co., Sand Springs, Okla.

5487—Glasses (Level & Plumb)

Staniford J. W. & Co., 40 Hanover, Boston, Mass.

Glasses (Oil Cup)

See Glasses, Cylindrical

5488—Glasses (Opera & Field)

American Thermo-Ware Co., 16 Warren, New York
Bausch & Lomb Optical Co. (Field Only), Rochester, N. Y.
Scheidig John & Co. (Imp), 32 Maiden la, New York
Spencer Optical Co. (Imp.), 5 Maiden la, New York
Sussfeld, Lorsch & Co. (Imp.), 90 Maiden la, New York
Wagner Bros. & Co. (Imp), 71 W. 23d, New York

5489— Glasses (Port Hole)

Bache, Semon & Co. (Imp.), 636 Greenwich, New York
Cambridge Glass Co., Cambridge, O.
Gallagher P. J., 24 New Chambers, New York
Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
WESTERN GLASS CO., Streator, Ill.
See adv index at end of book

5490— Glasses (Reading)

Bausch & Lomb Optical Co., Rochester, N. Y.
Spencer Optical Co., New York
Weber F. & Co., Phila., Pa.
Williams Brown & Earl, Phila., Pa.

5491— Glasses (Reducing)

Bausch & Lomb Optical Co., Rochester, N. Y.

5492—Glassware (Chemical & Druggists')

Allen Henry, 138 William, New York
Cambridge Glass Co., Cambridge, O.
Canton Glass Co., Marion, Ind.
Co-Operative Flint Glass Co. (Druggists'), Beaver Falls, Pa.
Corning Glass Works, Corning, N. Y.
Doerr Glass Co. (Finished), Vineland, N. J.
Eagle Glass & Mfg. Co., Wellsburg, W. Va.
Gillinder & Sons, State & Devereaux, Phila., Pa.
Hagerty Bros. & Co., 10 Platt, New York
Hazel Atlas Glass Co. (Druggists'),, Wheeling, W. Va.
International Glass Co., Millville, N. J.
Kimble Glass Co., 402 W Randolph, Chicago, Ill.
Lenz Apparatus Co., 9 E 16th, New York
McKee Glass Co. (Soda Fountain, Glassware), Jeannette, Pa.
Ruth Glass Co., Conshohocken, Pa.
Swindell Bros., Bayard & Russell, Baltimore, Md.
Vineland Flint Glass Works (Unfinished), Vineland, N. J.
Vineland Scientific Glass Co. (Finished), Vineland, N. J.
Wagner Glass Works (Chemical Glassware & Apparatus), 697 E 132nd, New York
Whitall, Tatum Co., 410 Race, Phila., Pa.

5493— Glassware (Cut)

American Cut Glass Co., Lansing, Mich.
Becker & Brisbois, 123 Middleton, Brooklyn, N. Y.
Bergen J. D. Co., Meriden, Conn.
Blackmer Cut Glass Co., New Bedford, Mass.
Buffalo Cut Glass Co., Batavia, N. Y.
Bush Glass Co., Lansing, Mich.
California Cut Glass Mfg. Co., Pasadena, Cal.
Camden City Cut Glass Co., Camden, N. J.
Campbell Thomas B. & Co., 42 So 8th, Brooklyn, N. Y.
Central Cut Glass Co., 1114 E 63d, Chicago, Ill.
Central Glass Works, Wheeling, W. Va.
Clark T. B. & Co., Honesdale, Pa.
Clinton Cut Glass Co., Aldenville, Pa.
Corning Glass Works, Corning, N. Y.
Corona Cut Glass Co., Toledo, Ohio
Crown Cut Glass Co., Hancock, N. Y.
Dorflinger C. & Sons, White Mills, Pa.
Eagle Glass & Mfg. Co., Wellsburg, W. Va.
Economy Tumbler Co., Morgantown, W. Va.
Egginton O. F. Co., Corning, N. Y.
Empire Cut Glass Co., Flemington, N. J.
Enterprise Cut Glass Co., Elmira Heights, N. Y.
Ferstler Christian, 2346 Summerfield, Brooklyn, N. Y.
Figueria Cut Glass Co., Hammonton, N. J.
Fostoria Glass Co., Moundsville, W. Va.
Frizlen Cut Gass Co., Mt. Holly, N. J.
Frontier Cut Glass Co., Buffalo, N. Y.
Fry H. C. Glass Co., Rochester, Pa.
Gibbs W. H. & Co., Stroudsburg, Pa.
Giometti Bros., Corning, N. Y.
Halter Cut Glass Co., 265 Franklin av, Brooklyn, N. Y.
Herrfeldt J. H. & Co., 72 Grand av, Brooklyn, N. Y.
Hoare J. & Co., Corning, N. Y.
Honesdale Union Cut Glass Co., Honesdale, Pa.
Hope Glass Works, 161 Dorrance, Providence, R. I.
Hunt Glass Co., Corning, N. Y.
Ideal Cut Glass Co., Canastota, N. Y.
Imperial Glass Co.,Bellaire, O.
International Silver Co., Meriden, Conn.
Irving Cut Glass Co., Honesdale, Pa.
Jewel Cut Glass Co., 200 5th av, New York
Johnson-Carlson Cut Glass Co., 30 E Randolph, Chicago, Ill.
Kelly & Steinman, Deposit, N. Y.
Keystone Cut Glass Co., Hawley, Pa.
Kiefer Bros. Cut Glass Co., 4 Ralph av, Brooklyn, N. Y.
Kings County Rich Cut Glass Works, 174 N 4th, Brooklyn, N. Y.

Koch Cut Glass Co., 115 E So. Water, Chicago, Ill.
Krantz & Sell Co., Honesdale, Pa.
Kupfer Emil F., 239 Greenpoint av, Brooklyn, N. Y.
Laurel Cut Glass Co., Jermyn, Pa.
Levien Louis Cut Glass Co., 164 5th av, New York
Libbey Glass Co., Toledo, O.
Liberty Cut Glass Works, Egg Harbor City, N. J.
Lotus Cut Glass Co., Barnesville, O.
Lum Wm. H. & Son, 508 Broome, N. Y.
McCue John J., 683 Lorimer, Brooklyn, N. Y.
McKanna Cut Glass Co., Honesdale, Pa.
McKee Glass Co., Jeannette, Pa.
Maple City Glass Co., Honesdale, Pa.
Mayer E. W., Port Jervis, N. Y.
May's Landing Cut Glass Co., May's Landing, N. J.
Meriden Cut Glass Co. (Br. of International Silver Co.), Meriden, Conn.
Metropolitan Cut Glass Co., 862 Metropolitan av, Brooklyn, N. Y.
Monroe C. F. Co., Meriden, Conn.
Mound City Cut Glass Works, Moundsville, W. Va.
Mound Valley Glassware Mfg. Co., Mount Valley, Kans.
Newark Cut Glass Co., 60 Arlington, Newark, N. J.
Niagara Cut Glass Co., Buffalo, N. Y.
Niland J. J. Co., Meriden, Conn.
O'Connor Arthur E., Goshen, N. Y.
Oakland Cut Glass Co., 184 Oakland, Brooklyn, N. Y.
Packwood Northwood Glass Co., Sandwich, Mass.
Pairpoint Corpn., New Bedford, Mass.
Parsche F. X. & Son, 1434 Orleans, Chicago, Ill.
Phoenix Glass Co., 2d Natl Bank bldg, Pittsburgh, Pa.
Pioneer Cut Glass Co., Carbondale, Pa.
Quaker City Cut Glass Co., 60th & Baltimore av, Phila., Pa.
Rochester Cut Glass Co., Rochester, Pa.
Rockwell Silver Co,, Meriden, Conn.
Seneca Glass Co., Morgantown, W. Va.
Shea John J. & Son, Cambridge, Mass.
Shields C. W., Hawley, Pa.
Shotten Thos. Cut Glass Works, 345 Eldert, Brooklyn, N. Y.
Silver City Cut Glass Co., Meriden, Conn.
Sinclaire H. P. & Co., Corning, N. Y.
Skinner W. & Son, Hammonton, N. J.
Sterling Glass Co., Celestial Mt av, Cincinnati, O.
Stott Bros., 4450 Main, Manayunk, Phila., Pa.
Stott John W., 3600 Cresson, Manayunk, Phila., Pa.
Susquehanna Cut Glass Co., Columbia, Pa.
Tarentum Glass Co., Tarentum, Pa.
Tuthill Cut Glass Co., Middletown, N. Y.
Twin City Cut Glass Co., St. Paul, Minn.
Union Glass Co., Somerville, Mass.
U. S. Glass Co., S 9th & Bingham, Pittsburgh, Pa.
Walsh David, Somerville, Mass.
Wangaum Cut Glass Co., Hawley, Pa
Wayne Cut Glass Co., Towanda, Pa.
Westmoreland Specialty Co., Grapeville, Pa
Wickham Cut Glass Co., Scranton, Pa.

5494—Glassware (Decorated)

Imperial Glass Co., Bellaire, O.
Hocking Glass Co., Lancaster, O.
U. S. Glass Co., S 9th & Bingham, Pittsburgh, Pa.

5495—Glassware (Electrical)

Bournique Glass Co. Kokomo, Ind.
Canton Glass Co., Marion, Ind.
Fensterer & Ruhe (Imp.), 37 Murray, New York
Pittsburgh Lamp, Brass & Glass Co. (Bowls, etc), 130-7th, Pittsburgh, Pa.

5496—Glassware (Opal & Crystal)

Canton Glass Co., Marion, Ind.
Eagle Glass & Mfg. Co., Wellsburg, W. Va.
Hazel Atlas Glass Co., Wheeling, W. Va.
Hocking Glass Co., Lancaster, O.
Point Marion Glass Novelty Co. (Opal), Point Marion, Pa.

Glassware (Packers')

See Jars, Fruit

5497— Glassware (Pressed)

Cambridge Glass Co., Cambridge, O.
Canton Glass Co., Marion, Ind.
Federal Glass Co., Columbus, O.
Hazel Atlas Glass Co. (Tumblers), Wheeling, W. Va.
Imperial Glass Co., Bellaire, O.
Jenkins D. C. Glass Co. (Also Blown), Kokomo, Ind.
McKee Glass Co., Jeannette, Pa.
Pick Albert & Co., 212 W Randolph, Chicago, Ill.

5498—Glassware (Stationers')

Canton Glass Co., Marion, Ind.
McKee Glass Co., Jeannette, Pa.

5499— Glassware (Table)

See also Tumblers, Glass

Athens Glass Co., Morgantown, W. Va.
Beaver Valley Glass Co., Rochester, Pa.
Bryce Bros. Co., Mt. Pleasant, Pa.
Co-Operative Flint Glass Co., Beaver Falls, Pa.
Duncan & Miller Glass Co., Washington, Pa.
Federal Glass Co., Columbus, O.
Fenton Art Glass Co., Williamstown, W. Va.
Fostoria Glass Co,. Moundsville, W. Va.
Gillinder & Sons, State & Devereaux, Phila., Pa.
Heisey A. H. & Co., Newark, O.
Imperial Glass Co., Bellaire, O.
Indiana Glass Co., Dunkirk, Ind.
Jefferson Glass Co ("Chippendale Quality"), Follansbee, W. Va.
Jenkins D. C. Glass Co., Kokomo, Ind.
Lancaster Glass Co. (Imitation Cut), Lancaster, O.
Lippincott Glass Co., Greenwood bldg, Cincinnati, O.
McKee Glass Co., Jeannette, Pa.
New Martinsville Glass Mfg. Co., New Martinsville, W. Va.
Northwood H. Co., Wheeling, W. Va.
Oriental Glass Co., 800 Sarah, Pittsburgh, Pa.
Pick Albert & Co. (Blown-Flint, etc.), 212 W Randolph, Chicago, Ill.
Potomac Glass Co., Cumberland, Md.
Seneca Glass Co., Morgantown, W. Va.

Glauber Salts

See Salts-Glauber

5500— Globes (Arc Lamp)

Bournique Glass Co., Kokomo, Ind.
Co-Operative Flint Glass Co., Beaver Falls, Pa.
Corning Glass Works, Corning, N. Y.
Eagle Glass & Mfg. Co., Wellsburg, W. Va.
Fensterer & Ruhe (Inner), 37 Murray, New York
Gill Bros. Co., Steubenville, O.
Gill & Co., E. York & Thompson, Phila, Pa.
Gillinder & Sons, State & Devereaux, Phila., Pa.
Gleason-Tiebout Glass Co., 93 Commercial, Brooklyn, N. Y.
Haskins Glass Co., Martins Ferry, O.
Holophane Glass Works of Gen Elec. Co. ("Nubiac" Inner), Newark, O.
Jefferson Glass Co., Follansbee, W. Va.
Libbey Glass Co., Toledo, O.
Lippincott Glass Co. (Inner Arc, etc), Greenwood bldg, Cincinnati, O.
Macbeth-Evans Glass Co. ("Thermo," "Alba"), Wabash bldg, Pittsburgh, Pa.
Mound Valley Glassware Mfg. Co., Mound Valley, Kan.
Pairpoint Corporation, New Bedford, Mass.
Phoenix Glass Co., 230 5th av, New York, & Pittsburgh, Pa.
Wellington Glass Co., Cumberland, Md.

5501—Globes for Incandescent Light

Bournique Glass Co., Kokomo, Ind.
Co-Operative Flint Glass Co., Beaver Falls, Pa.
Consolidated Lamp & Glass Co., 66 West B'way, New York
Corning Glass Works, Corning, N. Y.
Eagle Glass & Mfg. Co., Wellsburg, W. Va.
Gill & Co., E. York & Thompson, Phila., Pa.
Gillinder & Sons, State & Devereaux, Phila, Pa.
Gleason-Tiebout Glass Co., 93 Commercial, Brooklyn, N. Y.
Handel Co. (Decorated, etc), Meriden, Conn.
Haskins Glass Co., Martins Ferry, O.
Holophane Glass Works of Gen Elec. Co., Newark, O.
Imperial Glass Co., Bellaire, O.
Jefferson Glass Co., Follansbee, W. Va.
Lippincott Glass Co. (Inner Arc, etc), Greenwood bldg, Cincinnati, O.
Macbeth-Evans Glass Co. ("Thermo," "Alba," "Monax"), Wabash bldg, Pittsburgh, Pa.
Pairpoint Corporation, New Bedford, Mass.
Phoenix Glass Co. (Electric & Gas), 230 5th av, New York & Pittsburgh, Pa.
Safety Wire Gas Globe Co. ("Protect-a-lite"), Columbus, O.
Star Glass Co., Star City, W. Va.

5502—Globes (Fresnal, for Steamships)

Sneath Glass Co. (All Colors), Hartford City, Ind.

Globes (Glass Fish)

See Aquariums, Glass

Globes (Inner Arc)

See Globes, Arc Light

5503— Globes (Lantern)

American Glass Specialty Co. (Ruby), Monaca, Pa.
Corning Glass Works ("Nonex"), Corning, N. Y.
Crescent Glass Co. ("Ruby"), Wellsburg, W. Va.
Eagle Glass & Mfg. Co., Wellsburg, W. Va.
German-American Glass Works, Phila., Pa.
Gill Bros. Co., Steubenville, O.
Gillinder & Sons, State & Devereaux, Philadelphia, Pa.
Jenkins D. C. Glass Co., Kokomo, Ind.
Libbey Glass Co., Toledo, O.
Lippincott Glass Co., Greenwood bldg, Cincinnati, O.
McKee Glass Co., Jeannette, Pa.
Macbeth-Evans Glass Co, Wabash bldg, Pittsburgh, Pa.
RODEFER GLASS CO., THE (For Lantern Mfrs), Bellaire, O.,
See adv index at end of book
Sneath Glass Co. (All Colors), Hartford City, Ind.
Star Glass Co., Star City, W. Va.
Storrs Mica Co. (Mica), Owego, N. Y.
Tulsa Glass Co., Tulsa, Okla.
Williamsburg Flint Glass Co., 260 Boerum, Brooklyn,. N. Y.

5504—Globes & Shades (Prismatic)

Lensed Electric Shade Co., 101 Warren, New York
Macbeth-Evans Glass Co., Wabash bldg, Pittsburgh, Pa.
Phoenix Glass Co., 2d National Bank bldg, Pittsburgh, Pa.
Welsbach Gas Lamp Co., 1008 Filbert, Phila., Pa.

5504a— Glove Menders

The Arlington Works (E. I. du Pont de Nemours & Co.), 21 E. 40th, New York

5505— Gloves (Automobile)

Bradford R. E., Gloversville, N. Y.
Carron & Co., 1777 B'way, New York
Cravenette Glove Mfg. Co., 55 Woodbridge, Detroit, Mich.
Dayton Glove Co., 11 St. Marys, Dayton, O.
Detroit Leather Specialty Co., 275 Beecher av, Detroit, Mich.
Ellsworth & Thayer Mfg. Co., 338 B'way, Milwaukee, Wis.
Fried-Ostermann-Meyer Co., 623 Reed, Milwaukee, Wis.
Gloversville Auto Glove Co., Gloversville, N. Y.
Hansen O. C. Mfg. Co., 291 Milwaukee, Milwaukee, Wis.

GLOVES (AUTOMOBILE)—continued

Morawetz Co., 217 E Water, Milwaukee, Wis.
Morrison-Ricker Mfg. Co., Grinnell, Ia.
Syracuse & Eldridge Glove & Mitten Co., Syracuse, N. Y.
Walrath Glove Co., Gloversville, N. Y.

5506—Gloves (Baseball, Boxing & Fencing)

Chicago Sporting Goods Mfg. Co. ("Dux-Fut"), 123 S Jefferson, Chicago, Ill.
Draper, Maynard Co., Plymouth, N. H.
Goldsmith's P. Sons, John Findlay & Charlotte, Cincinnati, Ohio.
Jarvis W. B. Co. ("Ty Cobb" Catchers' Mits & Gloves & Boxing Gloves, etc), Grand Rapids, Mich.
McLoughlin, Bundy & Sinsbaugh, Haas bldg, Los Angeles, Cal.
Peach J. A., Gloversville, N. Y.
Rawlings Mfg. Co. ("Reynolds" Catchers' Mits), 23d & Lucas av, St. Louis, Mo.
Reach A J, Tulip & Palmer, Phila., Pa.
Rogers Sporting Goods Co., Springfield, Mass.
Spalding A. G. & Bros., 126 Nassau, New York
Stall & Dean Mfg. Co., 855 Elston av, Chicago, Ill.
Sell Sporting Goods Co., Canton, O.
Tryon Edw. K. Co. ("Tryon"), 611 Market, Phila., Pa.
Victor Sporting Goods Co., Springfield, Mass.
Wright & Ditson, 344 Washington, Boston, Mass.

5507— Gloves (Bee, Rubber)

Kretchmer Mfg. Co., Council Bluffs, Ia.

5508— Gloves (Canvas)

Beebe Glove Co., Richmond, Ind.
Boss Mfg. Co., 70 Washington, Brooklyn, N. Y.
Cambridge Roofing Co., Cambridge, O.
Cupples Samuel Woodenware Co., 7th & Spruce, St. Louis, Mo.
Defiance Glove & Mitten Works Co., Defiance, O.
Detroit Glove & Mfg. Co., 64 Congress, W. Detroit, Mich.
Hamilton G. H. Mfg. Co. (Canton Flannel & Jersey, Also Mittens), Beaver, Pa.
Houghten Chas. T. & Co., 493 Baker, Detroit, Mich.
Indianapolis Glove Co., Indianapolis, Ind.
Inskeep Mfg. Co., Washington, O.
Knoxville Glove Mfg. Co., Knoxville, Tenn.
McBride Chas. L. Mfg. Co., Toledo, O.
Moosic Mfg. Co., Moosic, Pa.
National Glove Co. (Leather Faced), Columbus, Ohio
New Bethlehem Fabric Mfg. Co., New Bethlehem, Pa.
North Star Mfg. Co., Tacoma, Wash.
Prescott F. H. Co., Auburn, N. H.
Progress Mfg. Co., Racine, Wis.
Seal W. E. & Co., Millersburg, Pa.
Shearston Lowell Mfg Co., Lockport, N. Y.
Standard Mfg. Co., Lockport, N. Y.
Witenberg Mfg. Co., Tacoma, Wash.

5508a—Gloves (Cotton Flannel)

Boss Mfg. Co., Kewanee, Ill.
Hamilton G. H. Mfg. Co. (& Jersey Cloth), Beaver, Pa.
Service Glove Co. (& Jersey Cloth), 8 Oliver, Newark, N. J.

5509— Gloves (Husking)

Boss Mfg. Co. (Riveted, Canton Flannels, etc), Kewanee, Ill.
Cleveland Lock Works, Cleveland, O.

Gloves (Insulating)

See Gloves, Rubber

5510— Gloves (Leather)

Adler Jacob & Co., 315 4th av, New York
Aeppli & Smith, 4014 Parker av, Chicago, Ill.
Block H. & L., 149 2d San Francisco, Cal.
Chicago Tanning Co., 130 W Austin av, Chicago, Ill.
Conay Glove Co., 115 E 23d, New York
Detroit Leather Specialty Co. ("F. P. Sargent," Electrical Railroad), 275 Beecher, Detroit, Mich.
Economy Glove Co., Ft. Wayne, Ind.
Eisendroth Glove Co. (Heavy Duty), Armitage & Elston, Chicago, Ill.
Hansen O. C. Mfg. Co., 291 Milwaukee, Milwaukee, Wis.
Kay Glove Co., Manitowoc, Wis.
Morrison-Ricker Mfg. Co. ("Grinnell Wrist Fit" & Grinnell Ventilator) Grinnell, Ia.
National Glove Co. (Mule, Napa, Goat, Horse Hide, Hog, Sheep & Split Leather), Columbus, O.
Osborn C. D. Co., 2201 Wabansia av, Chicago, Ill.
Russell Frank Glove Co., Berlin, Wis.
Salisbury W. H. & Co., 105 S. Wabash av, Chicago, Ill.

5511— Gloves (Rubber)

Aetna Rubber Co., 815 E 79th, Cleveland, Ohio
Canton Rubber Co., Canton, O.
Chicago Glove & Mitten Co., 458 N Halsted, Chicago, Ill.
Combination Rubber Mfg. Co. (Surgeon's Tissue), Bloomfield, N. J.
Consumers Rubber Co. ("Standard"), Cleveland, O.
Davol Rubber Co., 69 Point, Providence, R. I.
Dunton M. W. Co. ("Safety First"), 150 Niagara, Prov., R. I.
Faultless Rubber Co. ("Hi-Test," "Hi-Voltage"), Ashland, O.
Goodrich B. F. Co., Akron, O.
Goodyear Rubber Co. & Rubber Clothing Co., 787 B'way, New York
Hodgman Rubber Co., 8 W 40th, New York
L. & M. Rubber Co., Carrollton, O.
Lee Tire & Rubber Co. (Also finger cots), Conshohocken, Pa.
Massillon Rubber Co, Massillon, Ohio
Miller Rubber Co. (Also Finger Cots), Akron, O.
Pioneer Rubber Spec. Co., Akron, O.
National India Rubber Co., Bristol, R. I.
Realty Rubber Co. (Pure Gum, Surgeons"), Massillon, O.
Ravenna Rubber Co., Ravenna, O.
Rubber Products Co., Barberton, O.
Seamless Rubber Co., New Haven, Conn.
Star Rubber Co. ("Nepto," "Luna," "Veno"), Akron, O.
Tyer Rubber Co., Andover, Mass.
Wilson Rubber Co., Canton, O.

5511a— Gloves (Sand Blasting)

Hickory Steel-Grip Glove Co., 2418 Diversey av, Chicago, Ill.

5512—Gloves & Mittens (Knitted)

American Golf Glove Co. (Plain & Fancy Worsted Golf Gloves), 5127 Lena, Gtn., Phila., Pa.
Armstrong William (Wool, Worsted & Merino Gloves), Needham Heights, Mass.
Ashoyton Knitting Co. (Gloves), Shelburne Falls, Mass.
Augstein S. & Co. (Worsted), 352 4th av, New York
Bailey Knitting Mills, Fort Plain, N. Y.
Bailey Oscar L. & Co. (Silk, Wool & Worsted Mittens & Gloves for Men, Women & Children), Everett, Mass.
Bell Knitting Co. (Wool, Worsted & Merino), 352 4th av, New York
Breaithwaite Thos. (Gloves), Vineland, N. J.
Burns & Knitting Co. (Worsted, for Men, Women & Children), Nashua, N. H.
Carter Wm. Co., Needham Heights, Mass.
Chapman Knitting Mills, 68 E 131st, New York
Chicago, Glove & Mitten Co., 458 N Halstead, Chicago, Ill.
Clare Knitting Mills (Cotton, Woolen & Worsted Mittens), Saginaw, Mich.
Clark Textile Co. (Ladies' Woven Top Silk Gloves), Saratoga Springs, N. Y.
Collard Alfred (Wool & Worsted), 256 E Ashmead, Gtn., Phila., Pa.
Colonial Knitting Mills (Cotton & Woolen), 1011 Chestnut, Phila., Pa.
Columbia Knitting & Mfg. Co., 236 B'way, Milwaukee, Wis.
Crown Silk Mfg. Co. (Silk Gloves), Bangor, Pa.
Dolman Chas. (Gloves for Men & Women), 48 E Court, Cincinnati, O.
Eagle Knitting Mills, 382 B'way, Milwaukee, Wis.
Ehrlich, Mrs. F. (Fine hand-made goods) 1211 Arch, Phila., Pa.
Elliot F. & Co. (Wool, Worsted & Silk), Waltham, Mass.
Fead John L. & Sons (Home Made Wool Striped Mittens), Port Huron, Mich.
Fownes Bros. & Co. (Silk Gloves), 119 W 40th, New York
Frankenmuth Woolen Mill Co., Frankenmuth, Mich.
Friedlander-Brady Knitting Mills (Cotton, Woolen, Worsted & Silk, Men's, Women's & Children's), 501 S Green, Chicago, Ill.
Friedman Blau Farber Co., Cleveland, O.
Fulton County Silk Mills (Silk Gloves), Gloversville, N. Y.
Gloversville Knitting Co. (Worsted, Woolen & Cotton), Gloversville, N. Y.
Gloversville Silk Mills (Silk Gloves), Gloversville, N. Y.
Great Western Knitting Co. (Wool, Worsted & Silk Gloves), 110 Buffalo, Milwaukee, Wis.
Hand Knit Hosiery Co. ("Lumbermen's Mittens), Sheboygan, Wis.
Harris Knitting Mills (Wool), Armat & Lena, Gtn., Phila., Pa.
Highland Knitting Mill, Highland, N. Y.
Hitchcock & Curtiss Knitting Co. (Wool, Worsted & Silk Gloves), Hartford, Conn.
Hoag C. F. Co. (Wool & Worsted), Poughkeepsie, N. Y.
Holmes G. H. (Gloves), Gloversville, N. Y.
Houlton Woolen Mill, Houlton, Me.
Indianapolis Glove Co. (Cloth, Leather Finished & Jersey Gloves), Indianapolis, Ind.
Inland Knitting Works, Green Bay, Wis.
Kayser Julius & Co. (Silk, Lisle & Merino), 45 E 17th, New York
Key E. H. (Woolen & Worsted), Fort Hunter, N. Y.
Kinderhook Knitting Co. (Wool & Worsted Gloves), Kinderhook, N. Y.
La Crosse Knitting Works (Wool), La Crosse, Wis.
Lamb Knit Goods Co., Colon, Mich.
Lee William (Ladies' & Children's Silk & Woolen & Men's Woolen Goods), Needham Heights, Mass.
Lowenthal Max & Sons, Rochester, N. Y.
Mandel A. J. (Cotton, Wool, Worsted & Silk), 1220 W 6th, Cleveland, O.
Mansfield Joseph W., 1527 Ridge av, Philadelphia, Pa.
Meinig E. Richard Co. (Silk Gloves), Reading, Pa.
Merrill Silk Co. (Silk Gloves), Hornell, N. Y.
Michigan Knitting Co. (Cotton, Woolen, Worsted & Silk), Lansing, Mich.
Mohawk Silk Fabric Co. (Ladies' Silk Gloves), Fultonville, N. Y.
Moseley & Co., Needham Heights, Mass.
National Knitting Co. (Woolen & Worsted Gloves for Men, Women & Boys), 905 Clinton, Milwaukee, Wis.
National Knitting Works Co., 1967 E, 57th, Cleveland, O.
Niagara Silk Mills (Silk Gloves), North Tonawanda, N. Y.
Pacific Knitting Mills, Seattle, Wash.
Perry Glove & Mitten Co. (Cotton, Woolen, Worsted & Silk), Perry, Mich.
Plaistead B. T. (Men's & Women's Worsted Gloves), Hartford, Conn.
Portage Hosiery Co. (Wool & Worsted Mittens), Portage, Wis.
Prue Frank J. (Worsted Mittens), Woonsocket, R. I.
Rich John & Bros., Woolrich, Pa.
Ripon Knitting Works, Ripon, Wis.
Roth Joseph & Co. (Merino, Worsted, Silk & Cotton), Toleodo, O.
Russell Knitting Works, Springfield, Mass.
Saxony Knitting Mills, Needham Heights, Mass.
Saxony Knitting Co., Seattle, Wash.
Star Knitting Co. (Silk, Saxony & Wool Mittens & Golf Gloves), La Crosse, Wis.
Sterling Silk Glove Co. (Silk Gloves & Mittens), Bangor, Pa.
Stott & Son, Winona, Minn.
Thurman Mfg. Co., 427 Ashmead, Phila., Pa.
United Knit Goods Co. (For Men, Boys, Ladies, Children & Infants), 1258 W 4th, Cleveland, O.
Van Brocklin & Son (Jersey Mitts & Gloves), Amsterdam, N. Y.
Vassar Knitting Works, Bay City, Mich.

Walton Thos. S. (Infant's Silk & Woolen Mittens), Needham Heights, Mass.
Webber Geo. F., Detroit, Mich.
Western Knitting Mills (Woolen, Worsted & Merino), Rochester, Mich.
Whitman Bros. (Men's & Boys' Gloves), Little Falls, N. Y.
Why Bros. & Co. (Woolen & Worsted Gloves), 5130 Wakefield, Phila, Pa.
Wilson Samuel, Needham Heights, Mass.

Glucose

See Syrup, Corn

5513— Glue (Emery Wheel)

Tanite Co., Stroudsburg, Pa.

5514— Glue (Fish)

American Glue Co., 121 Beverly, Boston, Mass.
Dodd A. W. & Co., Gloucester, Mass.
Elwell B. F. Glue Co. (Liquid), Rockport, Mass.
HEWITT C. B. & BROS. (Jobbers), 49 Beekman, New York
See adv index at end of book
Kuh E. S. & Valk Co. (Imp), Produce Exchange, New York
National Gum & Mica Co., 59th & 11th av, New York
Russia Cement Co., 126 Chambers, New York
Saunders E. E. & Co., Pensacola, Fla.

5515— Glue (Gelatine)

American Glue Co., 121 Beverly, Boston, Mass.
Cooper's Peter Glue Factory, 11th av & 28th, New York
HEWITT C. B. & BROS. (All Grades for All Purposes), 49 Beekman, New York
See adv index at end of book
Isaacs S. & Co. (Imp), 100 William, New York
Kuh E. S. & Valk Co. (Imp), Produce Exchange, New York
Marblehead Mfg. Co., Marblehead, Mass.
Michigan Carbon Works, Delray, Detroit, Mich.
National Gum & Mica Co., 59th & 11th av, New York

5516— Glue (Marine)

MARINE GLUE

L. W. Ferdinand & Co., 154 Kneeland St., Boston, Mass., U. S. A.—Jeffery's Patent Marine Glue. Use No. 1 Extra Quality for paying seams of yachts' decks. Use No. 2 First Quality Ship Glue for paying deck seams of Merchant Vessels. Use No. 3 Special Navy for deck seams of battleships, cruisers and gunboats. Use No. 7 Soft Quality for waterproofing canvas for covering decks and tops of cabins of yachts and motor boats, also for canvas boats and canoes. Use Waterproof Liquid Glue for attaching Cork, Canvas, Felt, Rubber, Leather and Linoleum to Iron, Steel and Wood. Use Linoleum Glue for attaching any kind of floor covering to any kind of floor.

5517— Glue Mfrs.

CALIFORNIA.

SAN FRANCISCO—Armour Glue & Ammonia Works, Postal Tel. Bldg.
Butcher L. H. Co., 341 Montgomery
California Glue Works, Fairfax av & Rankin
Imperial Glue Co. ("Imperial" Liquid), Kohl Bldg.
Western Meat Co., 6th & Townsend

CONNECTICUT.

DANBURY—Connecticut Glue Co.
NEW HAVEN—Connecticut Fat Rendering & Fertilizing Corp.

DISTRICT OF COLUMBIA.

WASHINGTON—Royal Glue Co. (Liquid), 210 N S W

FLORIDA.

PENSACOLA—Saunders E. E. & Co.

GEORGIA.

BUFORD—Allen Bona

ILLINOIS.

CHICAGO—American Glue Co., 123 W Kinzie
Anglo-American Provision Co., U. S. Yards
Armour Glue Works, 3130 Benson
Bailey C. T. & Co., 80 E Jackson blvd
Chicago Glue Co., 2012 W Kinzie
Clarkson Glue Co., 3259 Shields av
Cooper's Peter Glue Factory, Robinson & the Canal
Delany & Co., 505 S Clinton
Diamond Glue Co., Robinson & Ill. Mich. Canal
Herrmann Jos. F. & Co., Fisher Bldg.
Hirsh, Stein & Co., 111 W Wash
Layton Elastic Glue Co. (Liquid), 703 Fulton
Lister Jos., 2429 Elston av
Northwestern Glue Co., 44th pl & Packers av
Swift & Co., Union Stock Yards
U. S. Glue Co., 1455 Fleetwood
Wilson & Co., Union Stock Yards
Wisdom & Co., 217 W Lake

INDIANA.

HAMMOND—Hammond Glue Co.
INDIANAPOLIS—National Glue Co., 539 W 14th
MADISON—Midland Glue Co.
NEW ALBANY—Conrad, Krammerer Glue Co.
SOUTH BEND—Perkins Glue Co. (Vegetable)

MARYLAND.

BALTIMORE—McCormick & Co. (Liquid), McCormick Blk.
Standard Glue Co. ("Army" & "Navy," "Standard" Liquid), Caton & Cottage av

MASSACHUSETTS.

BOSTON—American Glue Co. ("Crown English"), 121 Beverly
Armour Glue Works, 49 Commercial Wharf
Baeder, Adamson & Co., 68 High
Bird J. A. & W. & Co. (Casein), 88 Pearl
Carter's Ink Co., E Cambridge
Commonwealth Glue Co., 40 N Market
Consolidated Rendering Co., 40 N Market
Consumer Glue Co., 176 Federal
Diamond Glue Co.
FERDINAND L. W. & CO. ("Jeffrey's" Marine), 154 Kneeland.
See adv index at end of book
International Glue Co. ("Eagle," "Martins" & "Mystic" Liquid), 24 T. Wharf
Nash E. W. Co., 559 Atlantic av
Rogers E. A. & Co. (Imp), 161 Devonshire
Whitten J. O. Co., 68 Western av
GLOUCESTER—Dodd A. W. & Co.,
Gloucester Isinglass & Glue Co.
Russia Cement Co. ("Le Page's" Liquid, etc)
HOLYOKE—Browne M. C. (Flexible)
LOWELL—Holt Jno. & Co.
MARBLEHEAD—Marblehead Mfg. Co.
PEABODY—American Glue Co.
ROCKPORT—Elwell B. F. Glue Co. ("Elwell")
WORCESTER—Darling L. B. Fertilizer Co.

MICHIGAN.

DETROIT—Michigan Carbon Works, Delray
GRAND RAPIDS—Grand Rapids Glue Co.

MINNESOTA.

MINNEAPOLIS—Adams Mfg. Co., 2823 S 9th
ST. PAUL—Fuller H. B. Co. (Cold Water & Powdered)

MISSOURI.

ST. JOSEPH—Swift & Co., Stock Yards
ST. LOUIS—American Glue Mfg. Co., 410 Elm
Clarkson Glue Co., 216 N Main
Mathiason P. B. Mfg. Co., 5310 N 2d
Reardon Glue, Mfg. Co., 2d & Clinton, N Broadway
St. Louis Glue Mfg. Co., 2125 Division
Tamm Bros. Glue Co., 600 S Vandeventer av

NEW HAMPSHIRE.

KEENE—Keene Glue Co.

NEW JERSEY.

NEWARK—Lister's Agricultural Chemical Works, Lister av

NEW YORK.

BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Blehdon Victor R., Brisbane bldg
GOWANDA—Cooper's Peter Glue Factory
Eastern Tanner's Glue Co.
JOHNSTOWN—Knox C. B. Co

NEW YORK CITY.

Borough of Queens.

BROOKLYN—Cooper's Peter Glue Factory, Maspeth av
McMeekan D. Mfg. Co. (Also Flexible Glue), 1070 Pacific

Boroughs of Manhattan and Bronx.

NEW YORK—Am. Agricultural Chem. Co., 2 Rector
Arabol Mfg. Co. (Cold, Liquid & Dry), 100 William
Armour Glue Works, 120 B'way
Baeder Adamson & Co., 67 Beekman
Burnot Mfg. Co. ("Burbyotte" Stainless for Millinery), 64 Gold
Burrage Robt. R. (Flexible, for Bookbinders & Leathergoods), 83 Gold
Cooper's Peter Glue Factory, 11th av & 28th
Dunn T. W. & Co., 248 Front
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
HEWITT C. B. & BROS. (Jobber), 49 Beekman
See adv index at end of book
Isaacs S. & Co., 100 William
John H. W.-Manville Co. (Fireproof), Madison av & 41st
Kuh E. S. & Valk Co. (Bone, Hide, Fleshings, etc), Produce Exch.
Madison Glue Mfg. Co., Inc., 97 Beekman
Milligan & Higgins Glue Co., 222 Front
National Glue & Gelatine Works, 11th av & 59th
National Gum & Mica Co. (Cold, Liquid & Dry), 59th & 11th av
Pfaltz & Bauer (Imp), 300 Pearl
Progressive Glue Co., 185 Wooster
Stevenot Chas. J. & Co. (Imp.), 388 Pearl
Townsend Chas. & Bro. (Imp.), ("J. Coignet" Sheet), 276 Pearl
Union Glue Corp. (Flexible), 41 Pearl
Waddell R. J. & Co. (Imp Sheet), 52 Beekman
Wood & Hare ("Prof. Callans," "Brazilian" Liquid), 66 Leonard

Borough of Queens.

LONG ISLAND CITY—Van Iderstine Co.

NORTH CAROLINA.

CHARLOTTE—Cook B. C. Chemical Mfg. Co. (Liquid)

OHIO.

CINCINNATI—Bird Varnish Co., 202 Main
Marienthal Co., 1709 John
Stephens & Bro., 16 E 2d
CLEVELAND—Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

PENNSYLVANIA.

LANCASTER—Conestoga Glue Works
Lamparter Geo. Sons
LANSDALE—Perkins Glue Co.
PHILADELPHIA—American Glue Co., 142 N Front
Baeder, Adamson & Co., Richmond & Allegheny av
Baugh & Sons Co., 20 S Delaware av
Berg Co., Ontario below Richmond
Commonwealth Glue Co., Drexel bldg.
Continental Mfg. Co. ("Continental" Liquid), 4611 Girard
Delany & Co., 209 N 3d
Diamond Glue Co., 213 N Water
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Haws Dan'l B., 30 N 5th
Martin D. B. Co., 30th & Market
National Gum & Mica Co., 249 N Delaware
Tunnell F. W. & Co., 15 N 5th
PITTSBURGH—Wilhelm Henry (Glue & Upholstering Supplies), 136 10th
PRIMOS—Magnet Cement & Dressing Co. ("Peerless" Liquid)
WILLIAMSPORT—Keystone Glue Co.

C. B. HEWITT & BROS., Inc.
49 BEEKMAN ST., NEW YORK
Manufacturers, Importers and Dealers

Paper Pattern Papers, Detail and Tracing Papers, Flexible Papers for Leather Work, Backing Paper, Card Middles, Jute and Rope Manillas, Building and Roofing Papers, Wrapping Papers, Special Papers made to order.

Boards Binders Boards, Trunk and Case Boards, Friction Boards, Leather Boards, Fibre Boards, News and Press Boards, Box Boards, Straw Boards (Air and Steam Dried). A.B.C. Pattern Boards a specialty.

Glues Foreign and Domestic, Hide and Bone Glues, Sheet, Broken and Ground, for Cabinet and Piano Work (joint and veneer), Paper Making, Straw Hat and Fabric and Kalsomine Sizing, Bindery, Furniture and Box Makers' Glues.

Gelatines Capsule Manufacturers, Pharmaceutical Preparation Makers, Confectioners, Jelly and Preserve Manufacturers, etc.

WISCONSIN.

MILWAUKEE—Diamond Ink Co., 192 E Water
United States Glue Co., Carrollsville

5517a— Glue Stock

Kuh E. S. & Valk Co. (Imp), Produce Exchange, New York

5518— Glue (Tanners')

Eastern Tanners' Glue Co., Gowanda, N. Y.

5518a— Glue (Vegetable)

Cibara Mfg. Co., 2108 Papin, St. Louis, Mo.
National Gum & Mica Co., 59th & 11th av, New York
Perkins Glue Co., South Bend, Ind.
Reardon Glue Mfg Co., 2d & Clinton, St. Louis, Mo.

5519— Glue (Waterproof)

FERDINAND L. W. & CO. ("Jeffrey's Waterproof Liquid"), 154 Kneeland, Boston, Mass.
See adv index at end of book

5520— Glutinate

Loos & Dilworth, 134 S Front, Phila., Pa.

5521— Glycerine

Adams Fred C. Co., 234 S La Salle, Chicago, Ill.
Alba Mfg. Co., Aurora, Ill.
Armour & Co. (Refined), 208 S La Salle, Chicago, Ill
Babbitt B. T. (Inc.), (Refined), 11 B'way, New York
Celina Stearic Acid Co. (Crude), Celina, O.
Colgate & Co. (Refiners), 105 Hudson, Jersey City, N. J.
Cudahy Packing Co. (Refiners), 111 W Monroe, Chicago, Ill.
Emery Candle Co. (Refined), Cincinnati, O.
Fairbank N. K. Co. (Refined), 111 W Washington, Chicago, Ill.
Fuller Ralph L. & Co., Inc., 2 Rector, New York. *See adv index at end of book*
Globe Soap Co. (Refined), United Bank bldg, Cincinnati, O.
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Gross A. & Co., 90 West, New York

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Jacob Chas. W. & Allison (Imp "Glypho" Substitute), 18 Cedar, New York
Jobbins Wm. F. (Inc.) (Crude, Refined, Chemically Pure), Aurora, Ill.
Kendall Mfg. Co., 90 Friendship, Providence, R. I.
Kirk E. W. Soap Cleaner Co., Edina, Mo.
Kirk Jas. S. & Co. (Refined), 1232 W North av
Kirk Walter R., 327 S LaSalle, Chicago, Ill.
Kirkman & Son (Refined), 215 Water, Brooklyn, N. Y.
Larkin Co. (Refined), 663 Seneca, Buffalo, N. Y.
Lautz Bros. & Co., Buffalo, N. Y.
Marx & Rawolle, 100 William, New York
National Aniline & Chemical Co., Inc., 21 Burling sl, New York
Peet Bros. Mfg. Co., 17th & Kans. av, Kansas City, Mo.
Proctor & Gamble Co. (Refiners), Gwynne bldg, Cincinnati, O.
Remmers Soap Co., 2261 Spring Grove av, Cincinnati, O.
Schellings C. J. & Co. (Imp.), 160 Pearl, New York
Swift & Co. (Refined), Union Stock Yards, Chicago, Ill.
Tennant C. Sons & Co. of N. Y. (Importers), 100 William, New York
Virginia Products Corp., 3d av & 8th, Baltimore Md.
Will & Baumer Co. (Crude), Syracuse, N.Y.

5522— Glycerophosphate

Monsanto Chemical Works (Calcium, Potassium & Sodium), St. Louis, Mo.

5523— Goals (Basket Ball)

St. Charles Net & Hammock Co., St. Charles, Ill.
Spalding A. G. & Bros., 126 Nassau, New York

Go-Carts

See Carriages, Children's with the Words Go-Cart Following Their Names

5524— Goggles (Sand Blast)

Cover H. S. ("Cover's" Rubber), South Bend, Ind.

5525—Goggles & Eye Protectors

American Optical Co., Southbridge, Mass.
American Thermo-Ware Co. (For Automobilists, Oxygen Welders, Workmen, etc), 16 Warren, New York
Chicago Eye Shield Co. ("Eureko." "Boston," "Chicago," "Cheyenne"), 2300 Warren av, Chicago, Ill.
Cover H. S. ("Cover's" Rubber), South Bend, Ind.
Demmerle & Co., 45 W 25th, New York
Faultless Rubber Co. (Auto Goggles), Ashland, O.
Featherweight Eyeshade Co. Merchantville N. J.
Globe Optical Co., 403 Washington, Boston, Mass.
Hardy F. A. & Co. ("Noviweld"), 10 S Wabash av, Chicago, Ill.
Hayward S. F. & Co., 250 W 54th, New York
Hudson Products Co., 19 Madison av, New York
King Julius Optical Co. ("Saniglass," All kinds), 10 Maiden la, New York
Motor Car Supply Co., 1453 Michigan av, Chicago, Ill.
Munsell Eugene & Co., 68 Church, New York
National Helmet Co. (Workmen's), 250 W 54th, New York
Newport Novelty Mfg. Co., 28 Boerum, Brooklyn, N. Y.
Pennsylvania Optical Co., Reading, Pa.
Safety First Supply Co., Hartje bldg, Pittsburgh, Pa.
Scheffer & Rossum Co., 104 E 10th, St. Paul, Minn.
Scheidig Jno. & Co. (Imp Eye Shields), 32 Maiden la, New York
Spencer Optical Co. (Imp), 5 Maiden la, New York
Standard Optical Co. ("Shoes"), Geneva, N. Y.
Strauss Bros. & Co. (Goggles, Imported), 355 B'way, New York
Strauss & Buegeleisen, 37 Warren, New York
Strong, Kennard & Nutt Co. ("Adjustoglas," for Welders, etc), 2044 E 9th, Cleveland, O.
Sussfeld, Lorsch & Co. (Imp), 90 Maiden la, New York
Willson T. A. & Co. ("Albex" Eye Protectors for Workmen, "Wilson's Safety Glasses), Reading, Pa.

5525a— Gold (Granulated)

Handy & Harman, 55 Cedar, New York
Jackson John J. Co., 158 Astor, Newark, N. J.
Ney J. M. Co., Hartford, Conn.

5526— Gold Leaf

American Roll Gold Leaf Co., 56 Pine, Providence, R. I.
Baer Bros., 438 W 37th, New York
Cabot Edwin S. (Est. of), 103 Arch, Boston, Mass.
Coe W. H. Mfg. Co., 74 Weybosset, Providence, R. I.
Cottier Chas. & Son, 65 Nassau, New York
Drakenfeld B. F. & Co., 50 Murray, New York
Harwood F. W. & Son, 7 Clav Baltimore, Md.
Hastings & Co., 819 Filbert, Phila., Pa.
Henke Robt., 175 Park row, New York
Hickson Stephen A., 559 Broome, New York
Hunt Philip A. Co., 225 5th av, New York
Kemp W. H. Co., 165 Spring, New York
Rauskolb Fred W Co., 103 Arch, Boston, Mass.
Schultz's Michael Sons, 152 E Houston, New York
Swift M. & Sons, Hartford, Conn.
Valleau Mfg. Co., 506 Broome, New York

5527—Golf Course Cups & Hole Cutters

GEM MFG. CO., Goehel nr Fulton N. S. Pittsburgh, Pa.
See adv index at end of book

Gongs (Car, Etc.)

See Bells & Gongs, Car

5528—Gongs (Electro-Mechanical)

Bunnell J. H. & Co., 32 Park pl, New York
Edwards & Co., Exterior & 104th, New York
Gamewell Fire Alarm Telegraph Co., 70 E 45th, New York
Haas R. Electric & Mfg. Co. ("Ideal"), Springfield, Ill.
Holtzer-Cabot Electric Co., 125 Amory, Boston, Mass.
Loper Fire Alarm Co., Stonington, Conn.
Partrick & Wilkins Co., 51 No. 7th, Phila., Pa.
Star Electrical Co., Newark, N. J.

5529—Gongs (Unmounted Electric Bell)

American Tube & Stamping Co., Bridgeport, Conn.
Bevin Bros. Mfg. Co., East Hampton, Conn.
Bridgeport Brass Co., Bridgeport, Conn.
Catasauqua Gong & Stamping Works, Catasauqua, Pa.
East Hampton Bell Co., East Hampton, Conn.
Gong Bell Mfg. Co., East Hampton, Conn.
Hill N. N. Brass Co., East Hampton, Conn.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Reiter G. C., Canton, O
Star Bros. Bell Co., East Hampton, Conn.
Waterbury Mfg. Co., Waterbury, Conn.

5530— Goosenecks

American Brass & Copper Co., 138 Lafayette, New York
American Foundry & Mfg. Co. (Lead & Cast Iron), 11th & Herbert, St. Louis, Mo.
Campbell J. B. Brass Works (Lead, etc), Erie, Pa.
Central Brass Mfg. Co., 6206 Cedar, Cleveland, O.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Federal-Huber Co. (Cast Iron), 234 N Halsted, Chicago, Ill.
Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
Haydenville Co., Haydenville, Mass.
Hays Mfg. Co. (Lead, etc), Erie, Pa.
Heap Wm. & Sons, Grand Haven, Mich.
Humphryes Mfg. Co., Mansfield, O.
Kupferle Jno. C. Fdry. Co. (Cast Iron), 1st & Wright, St. Louis, Mo.
McDonald A. Y. Mfg. Co. (Cast Iron, etc), Dubuque, Ia.
McShane Bell Foundry Co., Harford av & B & O R R, Baltimore, Md.
Miller Chas. A. Co. (Galvanizing for High Tanks), Sturgis, Mich.
Mueller H. Mfg. Co. (Lead, Wipe Joint, Lead Flange, etc), Decatur, Ill.
Park & McKay, 55 Bagley av, Detroit, Mich.
Riverside Foundry & Galvanizing Co., Kalamazoo, Mich.
Walworth Mfg. Co. (Lead, etc), Boston, Mass.

5531—Gouges (Plumbers', Blacksmiths', Etc.)

See also Chisels & Gouges, Carpenters'
Braunsdorf-Mueller Co. (Carpenters, Plumbers & Turning), Elizabeth, N. J.
Buffum Tool Co. ("Swastika," Plumbers' & Wood Turners', all Steel Handle), South Side, Louisiana, Mo.
Gardner Machine Works, Gardner, Mass.
Stortz John & Son, 210 Vine, Phila., Pa.

5532—*Governors (Compressor)

INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*
Judson Governor Co., Rochester, N. Y.
WESTINGHOUSE AIR BRAKE CO., Pittsburgh, Pa.
WESTINGHOUSE TRACTION BRAKE CO., Pittsburgh, Pa.

5533—*Governors (Electric Motor Compressor)

INGERSOLL-RAND CO., 11 B'way, New York. *See adv index at end of book*

5534—*Governors (Electric Pump)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

5535— Governors (Gas)

Baylis Company, Bloomfield, N. J.
Chaplin-Fulton Mfg. Co. ("Fulton," for District or Service Use; also "Duplex" Sensitive with Automatic Cut-Off), 34 Penn av, Pittsburgh, Pa.
Connelly Iron Sponge & Governor Co. (Automatic, Balance, High Pressure & Service), 227 Fulton, New York
Equitable Meter Co. ("Crawford," Street Main Governors), Pittsburgh, Pa.
Gas Machy. Co., 1900 Euclid av, Cleveland, O.
Helme & McIlhenny ("Foulis" Station), 1339 Cherry, Phila., Pa.
Ideal Automatic Governor Co., 164 Emmet, Newark, N. J.
Isbell-Porter Co. (Street Governors), 46 Bridge, Newark, N. J.
Lee George E. Co., Caxton bldg, Cleveland, O.
Lees International Gas Governor Co., 128 N Main, Providence, R. I.
Leffler Chas. & Co. ("Automatic") 59 Clymer, Brooklyn, N. Y.
See adv index at end of book
MASON REGULATOR CO. ("Mason"), 1192 Adams, Boston, Mass.
See adv index at end of book
Reynolds Gas Regulator Co. (High Pressure for Artificial Gas), Anderson, Ind.

5535a—Governors (Gasoline Engine)

Duplex Engine Governor Co., 36 Flatbush av, extension, Brooklyn, N. Y.

5536—*Governors (Motor Compressor)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
WESTINGHOUSE TRACTION BRAKE CO., Pittsburgh, Pa.

5537—Governors (Oil Burner)

Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
See adv index at end of book
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Witt G. E. Co. ("Little Giant"), 862 Howard, San Francisco, Cal.

5538—Governors (Pneumatic)

Judson Governor Co., Rochester, N. Y.
National Brake & Elec. Co. ("National," for Electric Cars), ft Belleview pl, Milwaukee, Wis.

5539— Governors (Pressure)

Foster Engng. Co., 109 Monroe, Newark, N. J.
Judson Governor Co., Rochester, N. Y.
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
See adv index at end of book
Tagliabue Chas. J. Mfg. Co., 18 33d, Brooklyn, N. Y.

5540— Governors (Pump)

Acton John (Leather Cup Pump Governors), 118 John, Brooklyn, N. Y.
Albany Steam Trap Co. ("Blessing"), Albany, N. Y.
American Steam Gauge & Valve Mfg. Co. ("American Universal" Safety), 208 Camden, Boston, Mass.
Atwood & Morrill ("XX Century"), 48 Loring av, Salem, Mass.
Berry Engineering Co. ("Berry"), Chester, Pa.
Boston Steam Specialty Co., 332 A Boston, Mass.
Burrows Mfg. Co. (Automatic), York, Pa.
Cash A. W. Co., Decatur, Ill.
Chaplin-Fulton Mfg. Co. ("Fulton"), 34 Penn av, Pittsburgh, Pa.
Chicago Engineer Supply Co. ("Boylston"), 68 W Lake, Chicago, Ill.
Collins Mfg. Co. (Ltd.) ("Griffith's" Automatic), 612 Chestnut, Phila., Pa.
Consolidated Engineering Co. ("Van Auken," for Feed & Vacuum Pumps), 507 W Jackson blvd, Chicago, Ill.
Davis Geo. M., Regulator Co. ("Competition" Auto, Condenser & Receiver), 422 Milwaukee av, Chicago, Ill.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
d'Este Julian Co., 24 Canal, Boston, Mass.
Dow Pump & Diesel Engine Co., 417 Market, San Francisco, Cal.
Elliott Company, Pittsburgh, Pa.
Northern Equipment Co. ("Copes"), Erie, Pa.
Fisher Governor Co. ("Fisher"), Marshalltown, Ia.
Ford Thos. P. Co. (Automatic), 407 Broome, New York
Foster Engng. Co. (Diaphragm or Piston Operated, Hydraulic, Ammonia, Excess Boiler Feed, Vacuum, Fuel Oil, etc.), 109 Monroe, Newark, N. J.
Gardner Governor Co., 14 Williamson, Quincy, Ill.
Garrett W. D. & Co., 136 Liberty, New York
GODFREY-KEELER CO. ("Simplex"), 70 Warren, New York.
See adv index at end of book
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, Ohio
Ideal Automatic Governor Co. ("Ideal"), 164 Emmet, Newark, N. J.
Ideal Automatic Mfg. Co. ("Ideal"), 125 Watts, New York
Illinois Engineering Co. ("Eclipse," "Hughson"), 5021 S State, Chicago, Ill.
Judson Governor Co., Rochester, N. Y.
Kieley & Mueller ("Rockaway" Automatic), 34 W 13th, New York
Kitts Mfg. Co. (Pressure), Oswego, N. Y.
Klipfel Mfg. Co. ("K. & T.," "Metz"), 2651 W Harrison, Chicago, Ill.
Linton Machine Co., 26 Cortlandt, New York
Locke Regulator Co. ("Boardman"), Sallem, Mass.
McDonough Automatic Regulator Co. ("McDonough"), 716 Gd. River, Detroit, Mich.
MASON REGULATOR CO. ("Mason"), 1192 Adams, Boston, Mass.
See adv index at end of book
Middlesex Machine Co. ("Legg"), Lowell, Mass.
Monash-Younker Co., 1407 W Jackson blvd, Chicago, Ill.
Murray Specialty Mfg. Co., 97 Woodbridge, Detroit, Mich.
Nason Fred W. Co., 39 Cortlandt, New York
Schutte & Koerting Co., 1251 N 12th, Phila, Pa.
"S.-C." REGULATOR MFG. CO. ("S.-C.") Fostoria, O.
Squires C. E. Co., Cleveland, O.
Standard Steam Specialty Co. ("Utility"), 542 W B'way, New York
Strong, Carlisle & Hammond Co. ("Strong"), 336-344 Frankfort av, N W, Cleveland, O.
Tagliabue Chas. J. Mfg. Co., 18 33rd, Brooklyn, N. Y.
Waters Governor Co., 141 Milk, Boston, Mass.
Watson & McDaniel Co. ("Watson" Steam Pump, Intermittent & Throbbing), 146 N 7th, Phila., Pa.
Wilgus Mfg. Co. ("Wilgus" for Fuel Oil Steam Pumps, Air Compressors, etc.), Los Angeles, Cal.
Williams Gauge Co. ("Williams"), 543 4th av, Pittsburgh, Pa.
Wilson-Snyder Mfg. Co., 2 Ross, Pittsburgh, Pa.
Witt G. E. Co. ("Little Giant"), 862 Howard, San Francisco, Cal.

5541—Governors (Retort House)

Connelly Iron Sponge & Governor Co., 227 Fulton, New York
Isbell-Porter Co., 46 Bridge, Newark, N. J.

5542-3—Governors (Steam Engine)

Bayard M. L. & Co., Woodbine, N. J.
Gardner Governor Co., 14 Williamson, Quincy, Ill.
GODFREY-KEELER CO., 70 Warren, New York. *See adv index at end of book*
Jarecki Mfg. Co., Erie, Pa.
Judson Governor Co., Rochester, N. Y.
Knowlson & Kelley Co., Inc., Troy, N. Y.
Lombard Governor Co., Ashland, Mass.
Massey Machine Co. ("Jahn" Steam & Gas Engine & Turbine), Watertown, N. Y.
Nordberg Mfg. Co., 476 Virginia, Milwaukee, Wis.
Pickering Governor Co., Portland, Conn.
Sinker-Davis Co. ("King," "Hoosier," "Rites"), Indianapolis, Ind.
Vicksburg Governor Co. ("New Judson"), Vicksburg, Mich.
Waters Governor Co., 141 Milk, Boston, Mass.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

5544— Governors (Turbine)

Ideal Automatic Governor Co., 164 Emmet, Newark, N. J.
Massey Machine Co. ("Jahns" System), Watertown, N. Y.

5545—Governors (Water Line)

Steam Appliance Co. ("Peters"), Milwaukee, Wis.

5546—Governors (Water Wheel)

Cohoes Iron Foundry & Machine Co. ("Snow"), Cohoes, N. Y.
Dickerson Automatic Governor Co. (Oil Pressure), Salt Lake City, Utah
Holyoke Machine Co., Worcester, Mass.
Hunt Rodney Machine Co., Orange, Mass.
Lombard Governor Co., Ashland, Mass.
Pelton Water Wheel Co., 19 & Harrison, San Francisco, Cal., & 90 West, New York

5547— Grabs (Oyster)

Auer John, Jr. (Wrought Tongs), 197 Middleton, Brooklyn, N. Y.

Grabs (Stone, Etc.)

See Hooks, Grab

5548— Graders (Barley)

Howes S. Co. ("Rich" Barley Grades & Needle Screens), Silver Creek, N. Y.

Graders (Elevating)

See Road Machines & Graders

5549—Graders (Grain & Seed Corn)

American Grain Separator Co. ("Winner"), Erie & S E Essex, Minneapolis, Minn.
Cleland Mfg. Co. ("Expert"), 2800 Washington av, N, Minneapolis, Minn.
Constant B. S. Mfg. Co. ("U. S."), Bloomington, Ill.
Ferrell A. T. & Co. ("Clipper"), Saginaw, Mich.
Gale Mfg. Co., Albion, Mich.
Hirsch Bros. ("Webber"), 267 Reed, Milwaukee, Wis.
Hunnicutt Chas. Co. ("Perfection"), Wilmington, O.
Invincible Grain Cleaner Co. (Invincible, also Rice, Oats & String Beans), Silver Creek, N. Y.
Johnson & Field Mfg. Co. ("Racine"), Racine, Wis.
Kretchmer Mfg. Co., Council Bluffs, Ia.
Manson-Campbell Co. ("Chatham"), Campbell & Leavitt, Detroit, Mich.
Martin Co. ("Corn King"), Sac City, Ia.
Maytag Co. ("Hawkeye"), Newton, Ia.
One Minute Mfg. Co. ("Newton"), Newton, Ia.
Owens J. L. Co., Fulton & S E Huron, Minneapolis, Minn.
Rumely Leo Tractor Co. ("Rumely," "Rainbow," Grain, Hand or Power), La Porte, Ind.
Success Seed Grader Co. ("Success"), Spokane, Wash.
Twin City Separator Co. ("Hero"), 29th & Colfax av S, Minneapolis, Minn.

5550—Graders (Railroad, Reservoir, Etc.)

Bagley Grader Co. ("Bagley" Steam or Electric Power), Tacoma, Wash.

5551— Graders (Rice)

Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.

Gradometers

See Meters, Distance Recording

5552—Graduators (Thermometer & Chemical Glassware)

Burr Co., Champaign, Ill.

5553—Grain Elevator Builders

American Machinery & Construction Co., 103 W Water, Milwaukee, Wis.
Barnard Machinery Co., Enterprise, Kan.
Barnett & Record Co., Flour Exch., Minneapolis, Minn.
Benson C. H., Corn Exchange, Minneapolis, Minn.
Burrell Engineering Construction Co., 30 N La Salle, Chicago, Ill.
Camp Bros. & Co. (& Hydraulic Dump), Washington, Ill.
Chesley Earl & Heimbach, 20 Breckenridge, Buffalo, N. Y.
Fosston Mfg. Co. ("Triumph"), 473 Cleveland, St. Paul, Minn.
Hickok Construction Co., 818 Flour Exchange, Minneapolis, Minn.
Honstain Bros. Co., 306 Corn Exchange, Minneapolis, Minn.
Iberson T. E., Corn Exchange, Minneapolis, Minn.
JEFFREY MFG. CO., 961 N 4th, Columbus, O. *See adv index at end of book*
King & Hamilton Co., Ottawa, Ill.
Macdonald Engineering Co., 53 W Jackson blvd, Chicago, Ill.
Metcalf J. S. Co., 108 S La Salle, Chicago, Ill.
Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.
Moulton & Evans, Minneapolis, Minn.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Snyder Wm. H., Carey, O.
Southwestern Engg. Co., Springfield, Mo. (Designers & Builders)
STEWART JAS. & CO. (INC.), Westminster bldg, Chicago, Ill.
Wasner Elevator Mfg. Co. ("Dakota," "Gopher," "North Star"), Warner, Ill.
Witherspoon-Englar Co., Monadnock blk, Chicago, Ill.
Wolf Co., Chambersburg, Pa.
Ypsilanti Machine Works, Ypsilanti, Mich.

5554—Grain Elevator & Wagon Dumps (Portable)

Bauroth Bros. ("Bauroth"), Springfield, O.
Camp Bros. & Co. ("Camp" Hydraulic), Washington, Ill.
Children's E. Sons Mfg. Co. ("Hawkeye"), Council Bluffs, Ia.
Cizek Bros. Mfg. Co. ("Farmers' Friend"), Clutier, Ia.
Clark Machine Co. ("Clark"), St. Johnsville, N. Y.
Davidson Chas. E. ("Eureka"), Eureka, Ill.
Emerson-Brantingham Co. ("Big Four"), Rockford, Ill.
Fleming & Sons Mfg. Co. ("Acme"), Huntsville, Mo.
Fosston Mfg. Co. ("Triumph" Elevators Only), 473 Cleveland, St. Paul, Minn.
Fremont Mfg. Co. ("Jones"), Fremont, Neb.
G. & D. Mfg. Co. ("Farmers' Friend"), Streator, Ill.
Galloway William Co., Waterloo, Ia.
Hart Grain Weigher Co. ("Hart," Vertical Bucket Type), Peoria, Ill.
King & Hamilton Co. ("American," "K. & H."), Ottowa, Ill.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
Luthy & Co. ("Ideal"), Peoria, Ill.
Maroa Mfg. Co., Maroa, Ill.
Marseilles Co. ("Marseilles"), East Moline, Ill.
Meadows Mfg. Co. ("Rocke," "Meadows"), Pontiac, Ill.
Meyer A. F. Mfg. Co., Morton, Ill.
Nordyke & Marmon Co. ("N & M"), 1290 Kentucky av, Indianapolis, Ind.
O'Neil T. L. ("Eclipse," "Flying Swede"), Marseilles, Ill.
Peoria Drill & Seeder Co. ("Peoria" all Steel), Peoria, Ill.
Portable Elevator Mfg. Co. ("Little Giant," "National"), Bloomington, Ill.
Rude Mfg. Co., Liberty, Ind.
Rumely Leo Tractor Co., La Porte, Ind.
Sandwich Mfg. Co. ("Sandwich"), Sandwich, Ill.
Schroeder H. V. Mfg. Co. ("Schroeder"), Minier, Ill.
Sprout, Waldron & Co. ("Monarch"), Muncy, Pa.
Sterling Mfg. Co., Sterling, Ill.
Swanson-St. Joseph Plow Co. ("Swanson"), St. Joseph, Mo.
Warner Elevator Mfg. Co. ("Dakota," "Gopher," "North Star," "Warner"), Warner, Ill.
Wenzelman Mfg. Co. ("Wenzelman"), Galesburg, Ill.
Wolf Co., Chambersburg, Pa.

5554a— Grains (Emery)

Day S. A. Mfg. Co. (Dealers), 1483 Niagara, Buffalo, N. Y.
Niagara Emery Mills, Lockport, N. Y.

5555—Grains & Brick (Rubbing)

Carborundum Co. (Carborundum & Aloxite), Niagara Falls, N. Y.
Hampden Corundum Wheel Co., Brightwood, Springfield, Mass.
Norton Co. (Alundum & Crystolon), Worcester, Mass.
Thurston F. W. Co. ("Thur-Stone"), 1832 S Clark, Chicago, Ill.
Waddell R. J. & Co. ("Schumacher's"), 52 Beekman, New York

5556— Granite (Black)

French Creek Granite Co., St. Peters, Pa.
Nat. Gauge & Equipt. Co., La Crosse, Wis.

5557—Granite Building Work (Cutters' & Contractors')

These names are duplicated under the head of Granite Producers, Workers & Dealers
Bishop J. W. Co., Worcester, Mass.
Blake Chas. G & Co. (Monumental Work), 108 S LaSalle, Chicago, Ill.
Bodwell Granite Co., Rockland, Me.
Booth Bros. & Hurricane Isle Granite Co., 208 B'way, New York
Cross Bros. Co., Northfield, Vt.
Fletcher H. E. Co. (Mausoleums, Vaults, etc), West Chelmsford, Mass.
Flynt W. N. Granite Co., Monson, Mass.
Granite Railway Co., Quincy, Mass.
Gray Wm. & Sons Co., 30th bl, Walnut, Phila., Pa.
Guilford & Waltersville Granite Co., Law bldg., Baltimore, Md.
Hallowell Granite Works, Hallowell, Me., & 53 State, Boston, Mass.
Harris Granite Quarries Co., Salisbury, N. C.
Jones Bros Co. (Monumental Work a Specialty), 10 High, Boston, Mass.
Leopold J. & Co., 233 Broadway, New York
McDonnell & Sons, 858 Main, Buffalo, N. Y.
Maine Red Granite Co., Red Beach, Me.
Mount Waldo Granite Works, Frankfort, Me.
National Building Granite Quarries Assn., Inc., 31 State, Boston, Mass.
New England Granite Works, Westerly, R. I.
Norcross Bros. Co., 10 E Worcester, Worcester, Mass.
North Carolina Granite Corp., Mount Airy, N. C.
Oak Hill Marble Works, Birmingham, Ala.
Pajeau Joseph & Son (Monuments, Mausoleums, etc), McCormick bldg, Chicago, Ill.
Perry Bros., Concord, N. H.
Port Deposit Quarry Co., Port Deposit, Md.
ROCKPORT GRANITE CO., Rockport, Mass.
Rullman & Wilson, Lafayette E of Mt Royal, Baltimore, Md.
St. Cloud Granite Works, St. Cloud, Minn.
SWENSON JNO. GRANITE CO., Concord, N. H.
Troy White Granite Co., Troy, N. H., & Worcester, Mass.
Webb Pink Granite Co. ("Milford Pink") Milford, Mass.
Welbien A. Marble & Granite Co., City Pk av & St. Louis, New Orleans, La.
Wells-Lamson Quarry Co., Barre, Vt.
Windsor Green Granite Co., Worcester, Mass., & Windsor, Vt.
Winnsboro Granite Corp., Rion, S. C.
Woodbury Granite Co., Hardwick, Vt.

5557a—Granite (Chemically Pure)

Grueby Faience & Tile Co. ("Grubite"), 560 1st, Boston, Mass.

5558—Granite Columns (Polished)

Blake Chas G. & Co., 108 S La Salle, Chicago, Ill.
Bodwell Granite Co., Rockland, Me.
Booth Bros. & Hurricane Isle Granite Co., 208 B'way, New York
Fletcher H. E. Co., West Chelmsford, Mass.
Foster & Hosler, 431 S Dearborn, Chicago, Ill.
Granite Railway Co., Quincy, Mass.
Hallowell Granite Works, Hallowell, Me.
Jones Bros. Co., 10 High, Boston, Mass.
New England Granite Works, Westerly, R. I.
Norcross Bros. Co., 10 E Worcester, Worcester, Mass.
Richards John R., Quincy Mass.
Rockport Granite Co., Rockport, Mass.
St. Cloud Granite Works, St. Cloud, Minn.
Simmers & Campbell (Turned & Polished), St. Cloud, Minn.
Swenson John Granite Co., Concord, N. H.
Webb Pink Granite Co., Milford, Mass.
Wells-Lamson Quarry Co., Barre, Vt.
Woodbury Granite Co., Hardwick, Vt.

Granite (Crushed)

See Stone, Crushed; also Trap Rock

5559— Granite (Green)

Clements Chas. ("American" Killarney), Boston, Mass.
Rockport Granite Co., Rockport, Mass.

5560— Granite (Ligonier)

Booth & Flinn (Ltd.) 1942 Forbes, Pittsburgh, Pa.

5561— Granite Meal

Port Deposit Quarry Co., Port Deposit, Md.

Granite (Monumental Work)

See Granite Building Work, Cutters & Contractors; also Barre, Vt.; Quincy, Mass., & Westerly, R. I., in Granite Producers, Workers & Dealers

5562—Granite Producers (Pink)

Harris Granite Quarries Co., Salisbury, N. C.
Leopold J. & Co., 233 Broadway, New York
Lovejoy Granite Co., Milford, N. H.
New England Granite Works, Westerly, R. I.
Norcross Bros. Co. (Milford Pink), 10 E Worcester, Worcester, Mass.
Webb Pink Granite Co., Milford, Mass.
Wise Granite & Construction Co., Richmond, Va.

5563—Granite Producers (Red)

Anderson Bros. & Johnson Co. ("Wisconsin Ruby") Wausau, Wis.
Bodwell Granite Co., Rockland, Me.
Booth Bros. & Hurricane Isle Granite Co., 208 B'way, New York
Leopold J. & Co., 233 B'way, New York
Maine Red Granite Co., Red Beach, Me.
New England Granite Works (Westerly Red, etc), Westerly, R. I.
Norcross Bros. Co. (Stony Creek, etc), 10 E Worcester, Worcester, Mass.
ROCKPORT GRANITE CO., Rockport, Mass.
Smith Granite Co., Westerly, R. I.

5564—Granite Producers, Workers & Dealers

Those Marked with the Star (*) have Quarries
All other Granite classifications are duplicates of this list.
See also Granite Building Work, Cutters & Contractors; also Granite Columns, Polished; also Marble Producers; also Stone Producers, Workers & Dealers

ALABAMA.

BIRMINGHAM—Oak Hill Marble Works.

CALIFORNIA.

NEVADA CITY—*Bridges E. D.
PENRYN—*Griffith David
ROCKLIN—California Granite Co.
*Delano Granite Co.
*Kesti & Son
SACRAMENTO—*Carlaw Bros.
SAN DIEGO—*Simpson-Pirnie Granite Co.
SAN FRANCISCO—McGilvray Stone Co., 634 Townsend
Raymond Granite Co., Division & Potrero av

COLORADO.

DENVER—*Denver Marble & Granite Co.
Rauh Mrs. A., 3601 Blake
Seerie Bros.

CONNECTICUT.

GROTON—*Salter J. & Son
LEETE ISLAND—Beattie John
MILLSTONE—Gardiner Henry
NEW HAVEN—Bowden Thos.
NEW LONDON—Booth Bros. & Hurricane Isle Granite Co. (Red, Grey, White etc)
Buckley M. D.
*Kopp J. K.
Sayle Thos., Jr.
NORWALK—Bates Jno. S.
STONY CREEK—Stony Creek Red Granite Co.
WATERFORD—*Booth Bros. & Hurricane Isle Granite Co.

DELAWARE.

WILMINGTON—Delaware Granite & Mining Co., 14th & Pine

DISTRICT OF COLUMBIA.

WASHINGTON—Falvey, Michael J., 602 11th, N W

GEORGIA.

ATLANTA—Pine Mountain Granite Co.
*Venable Bros.
ELBERTON—Elberton Granite Corp.
Oglesby Granite Co. ("Oglesby" Blue Granite)
LITHONIA—*Brand J. T.
*Brand & Newmeyer Granite Co.
*Brantley & Doby
*Combs Granite Co. (Building & Crushed)
*Davidson Granite Co.
Evans W. P.
*Johnson Granite Co.
*McGahee Cut Granite Co.
*Pine Mountain Granite Co.
MACON—*Georgia Quincy Granite Co.
ROME—Georgia Granite & Marble Works
STONE MOUNTAIN—*Stone Mountain Granite Corp.

ILLINOIS.

BLOOMINGTON—Higgins - Jung - Kleinau Co.
Moore J. K.
CHICAGO—*American Granite Co. (Wholesalers), 133 W Wash'n; Quarries: Granite Heights, Wis., Lohrville, Wis.
Blake Chas. G. & Co., 108 S La Salle
Fenn C. E. & Co., (Wholesalers), 38 S Dearborn
Foster & Hosler, 431 S Dearborn
Gall Chas H., 127 N Dearborn
Laechle W. C. & Co., 30 N La Salle
MacLane Edw., 186 N La Salle
*SWENSON JOHN GRANITE CO., Marquette bldg.
Waushara Granite Co., 133 W Wash'n
Wisconsin Granite Co., 11 S La Salle

KENTUCKY.

LOUISVILLE—Peter & Burghard Stone Co.

MAINE.

ADDISON—Pleasant River Granite Co.
BANGOR—*Bangor Granite Co.
BIDDEFORD—Ross Ivory S.
Yates G. H.
BLUE HILL—Howard W. M.
Chase Granite Co.
CALAIS—Douglas Bros.
FRANKFORT—*Mount Waldo Granite Works
FRANKLIN—Blaisdell W. B. & Co.
Bragdon Lincoln C.
FREEPORT—Green Fred C.
FRYEBURG—*Eagle Gray Granite Co.
HALLOWELL—*Hallowell Granite Works
JONESBORO—*Bodwell Granite Co.
NORTH JAY—*Maine & New Hampshire Granite Corp.
NORTH SULLIVAN—Bragdon L. C.
Crabtree & Havey
Hooper, Havey & Co.
Robertson & Butler
PORTLAND—Union Granite Co.
RED BEACH—Mingo & Bailey
Tarbox O. S.
ROCKLAND—Bodwell Gran. Co. (Red & Grey)
ROCKPORT—Philbrook Wm. H.
SOUTH THOMASTON—Bassick N. C. & Sons
Ingraham John
Sleeper W. P.
STONINGTON—Benvenue Granite Co.
*Goss John L. Corp.
*Hagan John & Co.
*Latty Bros. Granite Co.
SULLIVAN—*Dunbar Bros.
SWANVILLE—Webb F. P. & F. J.
THOMASTON—Burton Alvah F.
VINALHAVEN—Black J. S.
WATERVILLE—*Waterville Granite Co.
WHITEFIELD—*Jewett E. C.

MARYLAND.

BALTIMORE—Berry & Tracey, Warner & B. & O. R. R.
*Guilford & Waltersville Granite Co. (Dimension & Building), Law bldg.
Hilgartner Marble Co., So. Sharp & Ostend
Mezger G. & Son, 1032 W Baltimore
Rullman & Wilson (Granite Workers), Lafayette, E of Mt. Royal
GRANITE—Guilford & Waltersville Granite Co.
GUILFORD—Maryland Granite Co.
PORT DEPOSIT—Port Deposit Quarry Co. (Grits & Bldg Granite)
WOODSTOCK—Feeney & Atherton
Putney, Oliver C. (quarry)

MASSACHUSETTS.

BOSTON—Clements Chas. (Importer, Scotch)
*Cook, Watkins & Co. (Monumental Wholesale), 223 Columbus av
*Fletcher Lahey Co. (Grey, Pink & White), 31 State
*Hallowell Granite Works, 53 State
Harrington John, Estate of, 166 Devonshire
Hildreth Granite Co., 31 State
Jones Bros. Co., 10 High
National Building Granite Quarries Assn. Inc., 31 State
*Norcross Bros. Co. (Grey, Red & Green Quarries at Milford, Mass.; Stony Creek, Conn.; Windsor, Vt., & Oneco, Conn.), Tremont bldg
*ROCKPORT GRANITE CO., 31 State
Sweatt & Gould, 75 Main
Van Amringe Granite Co., 167 Tremont
Walker A. L., 31 Beacon
CHESTER—*Chester Granite Works
*Hudson & Chester Granite Co.
FALL RIVER—*Beattie Wm. H. (Dealer & Contractor)
FITCHBURG—Godbeer Henry
*Litchfield Orin E.
*McCauliff F. A.
GRANITEVILLE—*Fletcher H. N.
*Hildreth H. V.
*Palmer L. P. & Sons
*Wright H. D.
LANESVILLE—*Cheves Wm. R.
*Nickerson Wallace E.
LAWRENCE—Lawrence Granite Co.
LINWOOD—*Blanchard Bros. Granite Co.
LYNN—Merrill Geo. B. & Co.
MILFORD—Hutchings Geo. T.
*Webb Pink Granite Co.
MONSON—*Flynt W. N. Granite Co.

MASSACHUSETTS—continued
QUINCY—Aberdeen Granite Works, West Quincy
Aberogwen Monumental Works
Ballou J. C.
Barnicoat Fred, South Quincy
Birnie & Diack, South Quincy
*Bishop Bros., Quarry Co.
Bishop Charles, South Quincy
Bishop R. & B.
Bishop Jos., South Quincy
Bizzozero E., West Quincy
Blue Hill Quarry Co., West
Callahan Wm.
Canniff W. C. & Co.
Casna J. & Co.
Clark & Pearce, South Quincy
Cole & Cole
Collins Thos. & Sons
Columbia Granite Works
Craig, Forbes & Co.
Cranch Hill Granite Works
*Crumb Quarry Co.
Deacon Bros., South Quincy
Deacon Walter & Co.,, South Quincy
Deane A. M. & Co., South Quincy
Di Bona Luigi, West Quincy
Eagle Polishing Co., South Quincy
Elcock & Sons, West Quincy
Empire Polishing Co., South Quincy
Falconer & Co.
Fanning P.
Fitzgerald D. F.
Fuller, Foley & Co., West Quincy
Glencoe Granite Co., West Quincy
Giordanni & Co.
Golbranson & Co., South Quincy
Granite Railway Co., West Quincy
Hardwick C. H. & Co.
Howie A. & Son
Hughes & Johnson
Igo Jno. & Co.
Jenkins Jas. H.
Joss Bros. Co.
Kavanagh Bros. Co., South Quincy
Kelley James F. & Son
Kemp Alex., South Quincy
Le Claire Marcisse & Co., West Quincy
Long & Saunders Co., South Quincy
McGrath Bros., South Quincy
McIntosh A. M. & Co., South Quincy
McLeod W. J., & Co.
Malnati A. & Co., South Quincy
Mannix Patrick W., West Quincy
Maravigli John & Co.
Marnock A. & Co., South Quincy
Miller J. L., South Quincy
Milne & Chalmers, South Quincy
Milne & Hector, South Quincy
Mitchell Polishing Co., South Quincy
Monahan Mc., West Quincy
Mundie Alexander
Nicoll's Granite Works, South Quincy
Norfolk Granite Co.
Prout Bros., South Quincy
Qualey J. R. & Co., South Quincy
Quincy Avenue Granite Co.
Quincy Column Turning Co.
Quincy Quarries Co.
Reed & Vendret, South Quincy
Richards J. R., South Quincy
Shea William & Son, West Quincy
Smalley H. C. Granite Co.
Smith Granite Co.
Souden & Morrison, South Quincy
Spargo William T., South Quincy
Storer & Gelotte Co.
Swingle J. S.
Walker Joseph
White James N. & Sons, West Quincy
Zoia Peter & Co.
ROCKPORT—*Rockport Granite Co.
STONEHAM—Perry, Bennett & Son
UXBRIDGE—*Blanchard Bros. Granite Co.
WEST CHELMSFORD—Fletcher H. E. Co. (Grey & White)
WORCESTER—Bishop J. W. Co., 109 Foster
*Norcross Bros. Co. (Grey, Red & Green. Quarries at Milford, Mass.; Stony Creek, Conn. & Windsor, Vt., 10 E Worcester
*Troy White Granite Co., Quarries; Troy, N. H.
'Webb Granite & Construction Co., Gray Quarries Fitzwilliam, Depot, N. H.
*Webb Pink Granite Co., Quarries; Milford, Mass.
*Windsor Green Granite Co., 10 E Worcester

MINNESOTA.

ROCKVILLE—*Rockville Granite Co.
ST. CLOUD—*Agate Granite Co.
*Benzie & Campbell
*Black Diamond Granite Co.
East St. Cloud Granite Co.
Erickson August & Co.
*Frick & Borwick Granite Co.
*Granite City Granite Co.
*Holes Bros.
Jones S. A.
Melrose Granite Co.
Morgan Flaherty
Northwestern Granite Co.
Pioneer Granite Co.
*St. Cloud Granite Works
Salaski John
*Simmers & Campbell
United Granite Co.
SAUK CENTER—*Sauk Center Granite Co.
SAUK RAPIDS—Sauk Rapids Granite Co.

MISSOURI.

GRANITEVILLE—Schneiderville Granite Co.
Sheahan A. J. Granite Co.
KANSAS CITY—Rice, Marshall H. Monument Co.
KNOBLICK—*Missouri Granite & Construction Co.
ST. JOSEPH—Abercrombie Stone Co.
Pfeiffer Stone Co.
ST. LOUIS—*Eyermann G. & Bro., 1216 S Grand av
Missouri Granite & Construction Co., 3410 Gratiot
*Schneider Granite Co., 2140 DeKalb
Schneiderville Granite Co.

NEW HAMPSHIRE.

CONCORD—Clark F. R.
Concord Granite Co.
Duffy M. J.
Dunstane T. H.
*Fox Thomas
Gannon Michael G.
*Henneberry & Halligan
Langley & Scampini
Lapierre A. A. & Co.
Larson & Carlson
McAlpine A. G. & Co.
*New England Granite Works
New Hampshre Granite Co.
Perry Bros.
Phillips & Sanders
*Racine, Oliver & Co.
*SWENSON JOHN GRANITE CO.
FITZWILLIAM DEPOT—
*Hind Edward W.
Thompson S. B. & Co.
Thompson E. M.
Valz E. G. & Co.
Valz John P.
*Webb Granite & Construction Co.
Wilson A. F.
KEENE—Victoria White Granite Co.
LANCASTER—Emerson & Co.
MARLBORO—*Webb Granite & Construction Co.
MILFORD—Bergami F. Nicholas
Bishop J. B.
Burnett Granite Co.
Caron Bros.
Columbia Granite Co.
Conti Bros.
*Daniels D. L. & Co.
Felli P. C. & Co.
*Kittredge Quarries
Lovejoy Granite Co.
Macchi & Co.
Milford Granite Co.
*New Westerly Granite Co.
*Pease Co.
Tonella & Sons
Wark Jas.
Young's Sons & Co.
NASHUA—Mulvanity T. (Estate of)
*Nashua Granite Co.
NORTH HAVERHILL — *Jesseman Granite Co.
REDSTONE—*Maine & N. H. Granite Corp.
ROCHESTER—*Hawkes E. M.
Smalley, Hobbs & Hunter
SUNCOOK—*Bailey Charles A.
TROY—*Troy White Granite Co.

NEW JERSEY.

EDGEWATER—Batterson & Eisele
NEWARK—Wyllie-Saylor Granite Co., 627 Central av

NEW YORK.

BUFFALO—*McDonnell & Sons, 858 Main
Maltby Geo. W. & Sons Co., 21 Maryland

NEW YORK CITY.

Borough of Brooklyn

BROOKLYN—Hynes John, Bond & Union
Peirce J. Co., Greenp't av & Newt'n creek

Boroughs of Manhattan and Bronx.

NEW YORK—Annett & Bros., 12 W 141st
*Batterson J. G., 489 5th av.
Batterson & Eisele, 101 Park av
*Booth Bros. & Hurricane Isle Granite Co. (Red, Grey & White), 208 B'way
Brown John & Sons, Rider av & 141st
Cardo Bros. & Co., Cypress av & 132d
Crotch Island Granite Co. (Quarries at Stonington, Me.), 26 Cortland, New York
*Dutton James E., 42 E 23d
French H. Q. & Son, 15 E 40th
Harrison Granite Co., 200 5th av
Herow Granite Co., Willow av & 133d
La Spina Peter Co., 2 Canal pl
Lenahan J. B. J., 140th & Rider av
Leopold J & Co. (Granite Contractors), 233 Broadway
Le Poidevin A. & Co., 286 5th av
*Mohegan Granite Co., 101 Park av
*New England Granite Wks., 480 5th av
*Norcross Bros. Co. (Grey, Red & Green), 103 Park av
Penney & Bunt, Willow av & 132d
*ROCKPORT GRANITE CO., 21 Park row.
Seagrist F. W. Jr. Co., 533 E 18th
*SWENSON JOHN GRANITE CO. 101 Park av
*Tayntor C. E. Granite Co., 29 W 34th
Wegenaar John L. Co., 299 B'way
Williams B. A. & G. N. (Inc.), Walnut & 133d
Woodbury Granite Co., 101 Park av
Young Jas. H. Stone Co., 136th & Locust av

Borough of Queens.

LONG ISLAND CITY—Dyer John N. & Son
McGrath Michael & Co., B'way
McGratty & Sons Marble Works, 313 Butler
Neary Peter & Son Co., Blisville
Tedeschi & Tedeschi, 632 Boulevard, Astoria

(End of New York City)

PORT JERVIS—Nearpass E. E.

NORTH CAROLINA.

ASHEVILLE—*Balfour Quarry Co.
CHARLOTTE—Mecklenburg Marble & Granite Co. (Cut Contractors)
MOUNT AIRY—Lemmerman & Hoffman Granite Co.
Mount Airy Granite Cutting Co.
*North Carolina Granite Corp.
SALISBURY—Carolina Marble & Granite Co.
*Harris Granite Quarries Co.
WISE—*Wise Granite & Construction Co. (Pink & White)

OHIO.

ADA—Ada Granite Co.
CINCINNATI—Cincinnati Granite Works, 4043 Spring Grove av
Sarvis W. H., 941 W 5th
CLYDE—Hughes Granite Co.
MANSFIELD—Preston, Burton & Co. (Wholesale Granite Monuments)
Wolff E. M. & Co. (Dealers)
XENIA—Dodds Geo. & Sons Granite Co. (Monuments)
ZANESVILLE—Cary F. S. & Co.
Townsend W. C. & Co.

PENNSYLVANIA.

ALLENTOWN—Wenz Company
CORRY—Starr Granite & Marble Wks.
GETTYSBURG—*Lightner Nathaniel
PHILADELPHIA—*Birdsboro Stone Co., Bulletin bldg
Dunn Wm. J. & Son, 331 S 23d
Gray Wm. & Sons Co., 30th, bel Walnut
Hagan John & Co., Comly ab, Del.
Hastings & Morrison, 1510 Wash'n av
Holmesburg Granite Co., Commercial Trust bldg
Law & Burwell, Union & Ogden
Richardson & Ross Quarry Co., Penna bldg
PITTSBURGH—Booth & Flinn (Ltd.) (Ligonier), 1942 Forbes
Colwell Granite Co., Farmers' Bank bldg
Lauffer W. A. & Co., 2319 Liberty av
ROSLYN—*Hillside Granite Co.
ST. PETERS—*French Creek Granite Co.
WEST GROVE—*Pennsylvania Marble & Granite Co.

RHODE ISLAND.

EAST PROVIDENCE—Chace Andrew R.
*McCormick Jos.
NEWPORT—Sweet E. F.
PAWTUCKET—O'Connor Maurice M. & Son
PROVIDENCE—Barden Peter
Bishop J. W. Co.
Burns John Granite Co., 840 N Main
Del Giudice A. & Son, 703 Atwells av
Farnum & Co., 1088 Westminster
Kimball & Combe Co., 96 Westminster
Norcross Bros Co. (Grey, Red & Green), 49 Westminster
Providence Granite Co., 125 Harris av
Richards John R., 977 N Main
Tingley & Co. (Polisher), 215 W Exch.
WESTERLY—Coduri Joseph
Columbia Granite Co.
*Crumb Quarry Co.
*Farrell Andrews & Sons
Flynn M. W.
*Gourlay Granite Works
*Murray Alex. & Co.
Newall Jos. & Co.
*New England Granite Works
*Smith Granite Co.

SOUTH CAROLINA.

RION—Beauchamp R. L. & Co.
SPARTANBURG—*Southern Marble & Granite Co.
Winnsboro Granite Corp.

VERMONT.

ADAMANT—*Patch & Co.
BARRE—*Allan & Newcombe
*Barclay Bros.
Barre Granite & Quarry Co.
Barre Monumental Yard
Beck & Beck (Polishing)
Bianchi Chas. & Sons
Bond Geo. E. & Co.
Boutwell, Milne & Varnum Co.
Brown, Carroll & Co.
Brown John & Son
*Brusa Bros.
Bugbee E. A. Co.
Burke Bros.
Canton Bros.
Carswell, Wetmore & Co.
Carusi E. A.
Central Granite Co.
*Chioldi Bros.
Cole Wm. & Son
Comolli & Co.
*Consolidated Quarry Co.
Corskie J. P. & Son
*Dessureau & Co.
Dewey Column & Monumental Works
Freeman & Wasgatt
Gasparello Bros.
Gerrard Barclay Granite Co.
Giudici Bros. & Co.
Glysson Eugene C.
Hoyt & Milne, Inc.
Grearson & Lane Co.
Harrison Granite Co. (Monumental & Mausoleum). (See New York)
Hoyt & Lebourveau Co.
Johnson & Gustafson
Jones A. S.
*Jones Bros. Co.
La Clair & McNulty
Lillie Granite Co.
Littlejohn, Odgers & Milne
McColl & Abare
*McDonnell & Sons
McMillan C. W. & Son
Malnati Bros.
*Marr & Gordon
Marrion & O'Leary
Martell Jos.
Martinson Estate Co.
Melcher & Hadley
Milne Alex.
Milne Wm. Granite Co.
Mutch & Calder Granite Co.
Newcombe T. J.
North Barre Granite Co.
Oliver & Co.
Palaora Bros.
Parnigoni Bros.
Parry & Jones Co.
Peerless Granite Co.
*Presbrey-Coykendall Co.
Ream-McBee Co.
Rizzi Bros.
Rizzi L. G.
Robertson James C.
Robins Bros.
Ross & Ralph
Rossi & Casellini
Roux Granite Co.
*Sanguinette Jos. B.
Sanguinetti Augusto
Saporiti J. P. & Co.
Sassi L. & Co.
Scandia Granite Co.
Scott Bros.
Sector James & Co.
Shield Waldron & Co
*Smith E. L. & Co.
Star Granite Co.
Stevens H. D. Co.
Straiton George
Sullivan Eugene & Son
Townsend W. C. & Co.
Valz Granite Co.
Vanetti Granite Co.
*Wells-Lamson Quarry Co.
Woodcock Bros.
Young Bros. Co.
BRATTLEBORO—*Grant Chas. H., Granite Co.
BURLINGTON—Burlington Granite Co.
Goodell Granite & Marble Co.
Johnson John W.
EAST BARRE—Lucia Granite Co.
Veronesi Mfg. Co.
World Granite Co.
GRANITEVILLE—*Pirie James K.
GROTON—Hosmer Bros.
HARDWICK—American Granite Co.
Benamin & Daniels
Crystal Brook Granite Co.
Eureka Granite Co.
*Fletcher E. R.
Hardwick Polishing Co.
Hay John
James Granite Co.
Murch E. B.
Purdy F. A.
*Woodbury Granite Co. ("Woodbury Gray," "Imperial Blue," "Vermont White," "Peerless White" & "Bethel White")
MONTPELIER—Ariola G. & Co.
Bianchi G. R. Granite Co.
Bonazzi & Bonazzi
Bowers R. C. Granite Co.
Callahan Timothy E.
Columbian Granite Co.
Doucette Bros.
Excelsior Granite Co.
Fraser Robert M.
Gill C. P. & Co.
Globe Granite Co.
Johnson Granite Co.
Jurras Granite Co.
Lillie Granite Co.
Mills & Co.
National Granite Co.
Whittier Quarry Co.
Poulin J. Granite Co.
*Wetmore & Morse Granite Co.
MORRISVILLE—Mould F. W.
Union Granite Co.
NEWPORT—Kingston Granite Co.
NORTHFIELD—Brusa Granite Co.
*Cross Bros. Co.
Pelaggi N. & Co.
Phillips & Slack
RUTLAND—Clark Jas. S.
Everson & Co.
Temple Bros. (Wholesale)
ST. JOHNSBURY—Walker J. E.
SOUTH RYEGATE—Anderson A.
Farquharson Robert
MacDonald Murdo F.
SWANTON—Judd Walter S.
WATERBURY—Blondin L. S.
Carr W. L. & Co.
Drew-Daniels Granite Co.
O'Clair C. L.
Perry Granite Co.
Union Granite Co.
WEBSTERVILLE—*Wells-Lamson Quarry Co.
*Wetmore & Morse Granite Co.
WEST BERLIN—Davis Bros.
Provost & Son
WEST DANVILLE—Goss & Conly
WEST DUMMERSTON—*Bailey D. J.
*Lyons G. E., Granite Co.
WILLIAMSTOWN—Passera Bros.
WINDSOR—*Windsor Green Granite Co.
WOODBURY—Woodbury Granite Co.

VIRGINIA.

PETERSBURG—Burns & Campbell
RICHMOND—Sunny Side Granite Co.
Wise Granite & Construction Co. (Pink & White)
*Wray Andrew J., 328 S Cherry

WASHINGTON.

SEATTLE—*Soderberg J. A.

WISCONSIN.

ABLEMAN—*Wisconsin Granite Co.
MARINETTE—*Pike River Granite Co.
BERLIN—*Wisconsin Granite Co. (See Chicago, Ill.)
GRANITE HEIGHTS—Anderson Bros. & Johnson Co. (Wausau Red)
*American Granite Co. (See Milwaukee)
LA CROSSE—Hynne-Benrud Granite Co.
MILWAUKEE—American Granite Co. (Wisconsin Mahogany), 15th & Cleveland av
Sutter H. Granite & Marble Co., 562 Muskego av
PLYMOUTH—Kegler G. F.
RACINE—*Portland Granite Co.
WATERLOO—*Portland Granite Co.
WAUSAU—*Marathon Granite Co.

5565— Granite (Seam Face)

Holmesburg Granite Co., Commercial Trust bldg, Phila., Pa.
Matthews Construction Co., Princeton, N. J.
Middleburg Stone Co., Elyria, O.
Northern Coast Timber Co. (Red Cedar Posts), Tacoma, Wash.
Plymouth Seam Face Granite Co., 6 Beacon, Boston, Mass.

Graphaphone Mfrs.

See Talking Machines

5565a— Graphite

Harshaw Fuller & Goodwin Co., Cleveland, New York & Philadelphia

5566— *Graphite (Boiler)

Hill & Griffith Co. ("Carbograph"), 1248 State av, Cincinnati, O. & B'ham, Ala.
See adv index at end of book

5567-71—Graphite (Miners' & Refiners')

American Graphite Co., Gadsen, Ala.
American Graphite Co., 38 S Dearborn, Chicago, Ill.
Asbury Graphite Mills, Asbury, N. J.
Ashland Graphite Co., Ashland, Ala.
Ayers, Bridges & Co. (Imp.), 200 Summer, Boston, Mass.
Bloomsbury Graphite Co., Bloomsbury, N. J.
Chester Graphite Co., Chester Springs, Pa.
Chrystal Chas. B. (Jobbers), 13 Cliff, New York *See adv index at end of book*
Cummings & Moore Graphite Co., 612 Atwater, E Detroit, Mich.
Detroit Graphite Co., 10 12th, Detroit, Mich.
Dixon Joseph Crucible Co., Jersey City, N. J.
Elk Graphite Milling Co. (Importers & Refiners), St. Marys, Pa.
Federal Graphite Mills, 2639 E 79th, Cleveland, O.
Frost & Cundill, Inc. (Imp.), 60 Wall, New York
Griesmer Graphite Co., Anniston, Ala.
Hill & Griffith Co. (Refiners for all Purposes), 1248 State av, Cincinnati, O. & Birmingham, Ala.
See adv index at end of book
Jennings Graphite Co., Lineville, Ala.

GRAPHITE (Miners & Refiners)—cont'd

Kelly Graphite Mills ("Kelco" Boiler & Foundry Graphite), 355 W 26th, New York
Lineville Graphite Co., Lineville, Ala.
Norway Graphite Milling Co. (Refiners), Birmingham, Ala.
Pettinos Chas. E., 25 Church, New York
Quenelda Graphite Co., Quenelda, Ala.
Rock Graphite Mining & Mfg. Co., 423 Walnut, Phila., Pa.
Smith Facing & Supply Co. (Refiners), Carter rd, Cleveland, O.
Southern Graphite Co., Ashland, Ala.
Standard Graphite Co., Ashland, Ala.
United States Graphite Co., Saginaw, Mich.
Wisconsin Graphite Co., Stevens Point, Wis.

5572-3—*Graphite Products

Allen Crucible Co., Oakland, Cal.
American Graphite Co., 38 So Dearborn, Chicago, Ill.
Bartley Graphite Prods. Co., Bartley, N. J.

5574— Graphometers

Chicago Electric Meter Co., 1045 W Washington, Chicago, Ill.

5575— Grate Bar Mfrs.

Acme Furnace Equipment Co., 39 Cortlandt, New York
Alloy Steel Forging Co., Carnegie, Pa.
American Manganese Steel Co., 193 Michigan av. Chicago, Ill.
Armstrong Mfg. Co., Springfield, O.
Arnold-Creager Co., New London, O.
Baker Wm. H. ("National" Shaking), Trenton, N. J.
Barker Jas. ("Barker"), 6th & Cayuga, Phila., Pa.
BEGGS JAMES & CO. (Rocking & Dumping), 30 Warren, New York
See adv index at end of book

JAMES BEGGS & CO.
30 Warren Street, New York
Shaking Grate Bars
Dumping Grate Bars
Stationary Grate Bars
BLOWERS
for Boiler Furnaces

Borger Bros. Co., Broad & Scioto, Columbus, O.
Bowler Foundry Co. ("Kerstine"), 1688 Columbus, Cleveland, O.
Bruce-Macbeth Engine Co. ("Aetna"), Cleveland, O.
Brunswick Refrigerating Co. ("Standard"), New Brunswick, N. J.
Budd Grate Co. (Stationary), 2013 Letterly, Phila., Pa.
Burr Co., Champaign, Ill.
Casey-Hedges Co. (Hollow Blast Shaking, etc), Chattanooga, Tenn.
Cherry Tree Machine Co., Cherry Tree, Pa.
Columbus Iron Works, Columbus, Ga.
Combustion Engineering Corp. ("Grieve," Dumping & Stationary), 11 B'way, New York
Continental Grate Co. (Shaking), Exchange bldg, Boston, Mass.
Cumberland Foundry & Mfg. Co. (Herringbone Circular, Two Finger), Nashville, Tenn.
Cyclone Grate Bar Co. ("Cyclone"), 9 Grimes, Buffalo, N. Y.
Daugherty Foundry Co. ("Tupper," "Adams" & Circle Grate for Vertical Boilers), Allentown, Pa.
Decatur Cornice & Rfg. Co., New Decatur, Ala.
DeVed & Sons Sash Weight Co., 807 S Howard, Baltimore, Md.
Dobbie Foundry & Machine Co. ("Niagara" Shaking), Main Office & Works: Niagara Falls, N. Y.
Donegan & Swift ("Swift's Economy"), 6 Murray, New York
Dorrance Chas. J., 5235 Ravenswood av, Chicago, Ill.
Downey T. F. Boiler Works, 323 W Austin av, Chicago, Ill.
Elkhart Iron Works ("Elkhart"), Elkhart, Ind.
Empire Grate Co., Chester, Pa.
Erie City Iron Works, Erie, Pa.
Erie Engine Works (Shaking, Dumping & Stationary), Erie, Pa.
Farris Jos., Springfield, Ill.
Finch Mfg Co. (Pin Hole), Scranton, Pa.
Ferguson F. & Son, Hoboken, N. J.
Fox Benj. Sons, 513 W 34th, New York
Frost Mfg. Co. (Rocking, etc), Galesburg, Ill.
Gehl Bros. Mfg. Co., West Bend, Wis.
Gibson Iron Works Co. (Common Sense, Dumping, etc), 168 1st, Jersey City, N. J.
Glascock Stove & Mfg. Co., Greensboro, N. C.
GODFREY-KEELER CO. ("Mahony," All Kinds), 70 Warren, New York
See adv index at end of book
Golden's Foundry & Machine Co., Columbus, Ga.
Gordon Hollow Blast Grate Co. ("Tuyere," Hollow Blast), Greenville, Mich.
Grainger & Co., Louisville, Ky.
Green Engineering Co. ("Green" Chain Grate Stokers), East Chicago, Ind.
Gulickson Geo., 330 Milwaukee av, Chicago, Ill.
Hartley Boiler Works, Montgomery, Ala.
Heatherington & Berner, Indianapolis, Ind.
Helmick Foundry & Machine Co. (Furnace), Fairmont, W. Va.
Herrick Geo. S. ("Herrick"), Syracuse, N. Y.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Huber Grate Bar & Stoking Co., 1114 E Monument, Baltimore, Md.
Hulson Grate Co., Keokuk, Ia.
Huntsville Foundry & Machine Co., Huntsville, Ala.
Imperial Iron Works, Duluth, Minn.
International Engineering Works ("MacDonald" Shaking), Framingham, Mass.
Iron City Grate Bar Co., Warren, O.
Janney & Co., Montgomery, Ala.
Jarvis Engng. Co. (Sheffield), 261 Franklin, Boston, Mass.
Kahl Iron Foundry, 537 Atwater, Detroit, Mich.
Keeler E. Co., Williamsport, Pa.
Kelly Foundry & Machine Co. ("Kelly"), Goshen, Ind.
Kewanee Boiler Co. ("Aetna"), Kewanee, Ill.
Kramer Bros. Foundry Co. ("Lo-Co"), Dayton, O.
Kugler & Shane, Woodall & Clement, Baltimore, Md.
KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa.
See adv index at end of book
Litchfield Foundry & Machine Co., Litchfield, Ill.
Long Grate Bar Co., Buffalo, N. Y.
Los Angeles Fdry. Co., Los Angeles, Cal.
Love Bros., Aurora, Ill.
Love Mfg. Co., Corry, Pa.
McClave-Brooks Co. ("McClave" Shaking), Poplar st, Scranton, Pa.
McCLAVE GRATE BAR CO. ("Ellis" Improved Cut Off), 30 Warren, New York
McGee Jos. Iron & Brass Foundry Co., 51 6th, Long Island City, N. Y.
McNaughton Mfg. Co. (Sectional), Maryville, Tenn.
Macknet Grate Bar Co., 32 Nassau, New York
Madison Foundry Co., Cleveland, O.
Marion Machine, Foundry & Supply Co. ("Shear-Klean," "Marion" Interlocking & Rocker), Marion, Ind.
Marshall Foundry Co., Pittsburgh, Pa.
Martin Grate Co. ("Martin," Anti-Friction Rocking), Fisher bldg, Chicago, Ill.
Mechanics' Iron Foundry Co. ("Bannister"), 38 Kemble, Rox, Boston, Mass.
Mershon Patent Shaking Grate Works, 147 N 3d, Phila, Pa.
Meyer Otto C. & Co., 30 Franklin, Brooklyn, N. Y.
Mobile Pulley & Machine Co., Mobile, Ala.
Munroe R. & Sons Mfg. Corp., 23d & Smallman, Pittsburgh, Pa.
Murray Iron Works Co. (Plain & Rocking), Central av & Washington, Burlington, Ia.
National Foundry Mfg. & Supply Co. ("National"), Williamsport, Pa.
Neemes Bros. (Self Cleaning), Troy, N. Y.
New England Roller Grate Co. (All Types), Springfield, Mass.
Niver Iron Works Co., Muscatine, Ia.
Nordeen H. G. (Hot Blast), Everett, Wash.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Old Dominion Marine Ry. Corp., Berkley, Va.
Parson Mfg. Co., 35 Nassau, New York
Patch S. B. & Sons Co. ("Patch" Rocking), Streator, Ill.
Perfection Grate & Supply Co., Springfield, Mass.
Portland Co., Portland, Me.
Price-Evans Foundry Co., Chattanooga, Tenn.
Pyramid Grate Bar Co., Machinists & Fdrs., 30 E 42d, New York
Quinn & Co., 222 E 9th, Cincinnati, O.
Rider Wm. E. & Co. ("Mansfield"), Mansfield, Mass.
Robson Chas. & Co. ("Tupper-Herringbone," "Ajax," Rocking), 8th & Washington av, Phila., Pa.
Rose Patent Grate Co., Council Bluffs, Ia.
Rosedale Foundry & Machine Co. ("Playford," "Pittsburgh"), Columbus & Preble, Pittsburgh, Pa.
Rothe Jos. F. Foundry Co. (Shaking), Green Bay, Wis.
Russell Fdry & Mach. Works, 51 6th, Long Island City, N. Y.
Rutzler Enoch Co., 404 E 49th, New York
Salamander Grate Bar Co. ("Salamander," "Aetna," "Steele," "Ryder" & "Rogers"), 126 Liberty, New York
Shevlin Engng. Co., Inc., 108 W 37th, New York City
Smith Iron Foundry, Inc., Lynn, Mass.
Southern Boiler & Tank Works, Memphis, Tenn.
Sprague Foundry & Mfg. Co. ("Rose Patent"), Council Bluffs, Ia.
Springfield Boiler Co., Springfield, Ill.
Stowell The ("Hall's" Patent), S Milwaukee, Wis.
Stuart Foundry Co., Detroit, Mich.
Superior Iron Works Co., Superior, Wis.
Thacher Geo. H. & Co. ("Albany" Sectional Dumping; also Stationary), Albany, N. Y.
Thomas Grate Bar Co. ("Thomas" Elliptic), Birmingham, Ala.
Thompson Richard & Co. Anti-Clinker Rocking, "Aetna" Shaking "Thompson's" Dumping, "Thompson's" Sectional & "Steel's" Revolving, Shaking & Dumping Grates), 126 Liberty, New York

Grate Bars | **Rocking and Dumping and Stationary Grates of All Kinds for Any Type Boiler. Shaking Grates for Vertical Boilers.**
GODFREY-KEELER CO., 70 Warren Street NEW YORK

THROPP'S JOHN E. SONS CO., ft. of Lewis, Trenton, N. J.
See adv index at end of book
Toledo Foundry & Machine Co., Toledo, O.
Townsend Foundry & Machine Shop Co., B'way & Rensselaer, Albany, N. Y.
See adv index at end of book
Treadwell M. H. Co. ("Treadwell" Shaking, etc.), 140 Cedar, New York
Treadwell M. H. Co. of Ill. ("Treadwell"), 208 S LaSalle, Chicago, Ill.
Tuscaloosa Iron Works, Tuscaloosa, Ala.
United Iron Works Co. (Plain, Hollow, Blast & Rocking), Kansas City, Mo.
U. S. Rocking Grate Bar Co., 20 st, Jackson blvd, Chicago, Ill.
Valley Iron Works ("Ajax Rocking," "Tupper," Circular), Williamsport, Pa.
Variety Iron & Steel Works Co., Cleveland, O.
Vogt Bros. Mfg. Co., Louisville, Ky.
See adv index at end of book
Wallwork H. Foundry Co., Hamilton av & E 40th, Birmingham, Ala.
Walsh & Weidner Boiler Co., Chattanooga, Tenn. *See adv index at end of book*
Walton C. J. & Son, Louisville, Ky.
Washburn & Granger ("Dean"), 50 Church, New York
Water Arch Furnace Co., 38 S Dearborn, Chicago, Ill.
Watts Regulator Co. ("Watts" Shaking Stationary & Reciprocating), Lawrence, Mass.
Western Iron & Foundry Co., Wichita, Kans.
Wetherill Robt. & Co., Chester, Pa.
Wickes Bro., Saginaw, Mich.
See adv index at end of book
Woburn Iron Foundry, Inc. ("Foster" Shaking & Rocking), Woburn, Mass.

5576— Grate Settings

Maurer Henry & Son ("Liverpool"), 420 E 23d, New York

Graters (Apple)

See Apple Grating Machines

5577—Graters (Horse Radish)

Ames Plow Co., Quincy Hall, Boston, Mass.
Central Stamping Co. ("Puritan" Hand), 172 Fulton, New York
Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa.
Houchin Thos. W. Co., 36 E 12th, New York
Kelso & Co., 557 W Quincy, Chicago, Ill.
National Enameling & Stamping Co. (Hand), 411 5th av, New York
Schroeter Bros. Hardware Co. ("Schroeter's Power), 717-19 Wash av, St. Louis, Mo.
Smith's Jno. E. Sons Co., Buffalo, N. Y.

5578— Graters (Nutmeg)

Caldwell Mfg. Co. ("Gem"), Rochester, N. Y.
Edgar Mfg. Co., Reading, Mass.
Geuder, Paeschke & Frey Co., Milwaukee, Wis. *See adv index at end of book*
Hamblin & Russell Mfg. Co. ("Unique," "Yankee," "New Rapid"), Worcester, Mass.
Handy Things Mfg. Co., Ludington, Mich.
Saal H. G. Co. (Rotary), 1810 Montrose av, Chicago, Ill.

5579— Grates (Cellar)

Camden Iron Works, Salem, Va.
Decatur Cornice & Roofing Co., New Decatur, Ala.
Glascock Stove & Mfg. Co. (Cast Iron), Greensboro, N. C.
Huntington Iron Works, Huntington, W Va.
Majestic Co., Huntington, Ind.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Roanoke Iron & Bridge Wks., Inc., Roanoke, Va.
Stevens Iron Works & Fireproofing Co., Cleveland, O.

Grates (Dumping)

See Grate Bar Mfrs.

5580—*Grates, Fenders & Mantels

See Also Andirons, Fenders & Grates
See also Fireplace Furnishings
JACKSON EDWIN A. & BRO., Inc., 50 Beekman, New York.
See adv index at end of book

5581— Grates (Gas, Parlor)

American Stove Co. ("Reliable," "New Process," "Quick Comfort"), St. Louis, Mo.
Dawson Bros., 523 N Halsted, Chicago, Ill.
JACKSON EDWIN A. & BRO., Inc., 50 Beekman, New York.
See adv index at end of book
Penna Furnace & Stove Co., Warren, Pa.
Van Zandt Gas Appliance Co., 4050 St. Louis, Mo.

Grates (Hollow Blast)

See Grate Bar Manufacturers

5582— Grates (Portable)

See Fire Place Furnishings Mfrs.

Grates (Rocking)

See Grate Bar Manufacturers with word "Rocking" following names

5583—Grates (Shaking & Dumping)

See also Grate Bar Manufacturers
BEGGS JAMES & CO., 30 Warren, New York *See adv index at end of book*
GODFREY-KEELER CO. ("Mahony"), 70 Warren, New York
See adv index at end of book
Shevlin Engng Co., Inc., 108 W 34th, New York
Travis G. E., Henry, Ill.

5584—Grates (Traveling Link)

BABCOCK & WILCOX CO., 85 Liberty, New York
Erie Foundry Co., Erie, Pa.
Green Engineering Co., East Chicago, Ind.
Illinois Stoker Co., Alton, Ill.
Weir & Craig Mfg. Co. ("Chicago"), 2421 Wallace, Chicago, Ill.

5585—*Grates (Ventilating, Fireplace)

JACKSON EDWIN A. & BRO., INC., 50 Beekman, New York
See adv index at end of book

5586—Grates & Rests (Farmers', Etc.)

Sperry D. R. & Co., Batavia, Ill.

5586a—Gratings (Iron & Steel)

IRVING IRON WORKS CO. ("Subway") 3d & Creek, Long Island City, N. Y.
Smith A. L. Iron Work, Chelsea, Mass.

5587— Gravel (Bird)

Horton F. T., Hoboken, N. J

5587a—*Gravel Screening Plants

See Sand Excavation & Screening Plants
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book

5588—Gravel Washing & Screening Plants

Buckbee J. C. Co., 38 S Dearborn, Chicago, Ill.
Dull Raymond W. Co. ("Dull"), 111 W Wash., Chicago, Ill.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Meese & Gottfried Co., 660 Mission, San Francisco, Cal.
Smith Engng Works, 1155 32d, Milwaukee, Wis.
Stocker Material Washer Co., Highland, Ill.
Stephens-Adamson Mfg. Co. (Complete Washing Plants), Aurora, Ill.
Webster Mfg. Co., Tiffin, O.

5589— *Grease (Airoilene)

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill.
See adv index at end of book

5590—Grease (Cable & Elevator Shaft)

Climax Refining Co. ("Cable Compound"), Williamson bldg, Cleveland, O.
Dixon Joseph Crucible Co., Jersey City, N. J.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
National Refining Co., Cleveland, O.
ROEBLING'S JOHN A. SONS CO. (Cable & Rope), Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Star Lubricating Oil Co. (Kinsman), 8714 Broadway S E, Cleveland, O.
United States Graphite Co., Saginaw, Mich.

Grease Cups

See Lubricators, Oil & Grease Cup
Also Lubricators, Automobile
Also Lubricators, Gas Engine, etc

5591-2— Grease (Gear)

Climax Refining Co., Williamson Bldg., Cleveland, O.
Dixon Joseph Crucible Co., Jersey City, N. J.
Marshall Oil Co. of Iowa ("Rix" Cork Graphite), Marshalltown, Ia.
United States Graphite Co., Saginaw, Mich.

Grease Guns

See Oil & Grease Guns & Syringes

5593— Grease (Rolling Mill)

Bayerson Oil Works (Gear Shields, Pinion, Hot & Cold Neck, etc), Erie, Pa.

5594— Grease (Tanners')

Marden, Orth & Hastings Co., 61 Broadway, N. Y.
Reisig Chas. H. (Imported), 269 Water, New York
Swan Alden S. & Co., 135 Front, New York

5595—Grease (Wire Drawing)

Climax Refining Co., Williamson Bldg., Cleveland, O.
Houghton E. F. & Co., 240 W Somerset, Phila., Pa.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York

Grease (Wool)

See Degras

5596—Greases & Oils (Axle)

American Oil Corp. ("Advance"), Jackson, Mich.
Aspinwall Geo. H., Inc., Corneilson av, Jersey City, N. J.
Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.
Baum's Castorine Co. ("Castorine" Axle Oil), Rome, N. Y.
Brooks Oil Co., C & P & Erie R R, Cleveland, O.
Canfield Oil Co., Cleveland, O.
Cortland Specialty Co. ("Houts"), 174 Railroad, Cortland, N. Y.
Dixon Joseph Crucible Co. ("Dixon's" Graphite), Jersey City, N. J.
Downing Grease Co., Boston, Mass.
Fiske Bros. Refining Co., 24 State, New York
Frazer Lubricator Co., 3921 Normal av, Chicago, Ill.
Freedom Oil Works Co., Freedom, Pa.
Great Western Oil Co. ("Great Western"), 2846 E 37th, Cleveland, O.
Harbaugh A. G. Co. ("Grapho"), Hipp. Annex bldg, Cleveland, O.
Harris A. W. Oil Co., 326 S Water, Providence, R. I.
Herrmann Jos. F & Co., Fisher bldg, Chicago, Ill.
Houghton E. F. & Co., 240 W Somerset, Phila., Pa.
Ilsley, Doubleday & Co., 229 Front, New York
Indian Refining Co. ("Blue Grass," Dark or Light), 244 Madison av, New York

GREASES & OILS (AXLE)—continued
Marshall Oil Co. of Iowa ("Rex" Graphite), Marshalltown, Ia.
Monitor Oil Co., Cleveland, O.
Moore Oil Co. (For Jobbing Trade Only), York & McLean av, Cincinnati, O.
National Refining Co., Cleveland, O.
Nye Wm. F. (Oils), New Bedford, Mass.
Paragon Refining Co., Toledo, O.
Pierce Oil Corp., Bank of Com. bldg, St. Louis, Mo.
Richardson Lubricating Co., Quincy, Ill.
Shining Light Mfg. Co., Buffalo, N. Y.
Sinclair Refining Co. ("Four Bros." "U-Au-To"), Albany, N. Y.
Smith & Nichols, 121 Maiden la, New York
Snow Flake Axle Grease Co., Fitchburg, Mass.
Sonneborn's L. Sons ("Amalie"), 262 Pearl, New York
Standard Oil Co. of N. J., 26 B'way, New York
Standard Oil Co. of New York ("Mica"), 555 W 25th, New York
Sun Co., Finance bldg., Phila., Pa.
Swan & Finch Co., 165 Broadway, New York
Texas Co. ("Texaco"), 17 Battery pl, New York
United States Graphite Co., Saginaw, Mich.
Vacuum Oil Co. ("Gargoyle," "Mobiloils," "Mobilubricant"), Rochester, N. Y.
Waverly Oil Works Co., Pittsburgh, Pa.
Winn Wm. R. (Jobbers), New York
World Refining Co. ("Phillips' World," "Black Diamond"), Easton, Pa.
Zurn O. F. Co. ("Zurn's"), Broad & Lehigh, Phila., Pa

5597— Green House Builders

Bickelhaupt Geo. Skylight Works, 722 11th av, New York
Hitchings & Co., 1170 B'way, New York
Jacobs S. & Sons, 1365 Flushing av, Brooklyn, N. Y.
King Construction Co., N Tonawanda, N. Y.
Lord & Burnham Co., 30 E 42d, New York
Lutton William H. Co., Jersey City, N. J.
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
Pierson U Bar Co., 1 Madison av, New York
Reich V. E., 1429 Metropolitan av, Brooklyn, N. Y.
Scollay John A. (Est. of), 74 Myrtle av, Brooklyn, N. Y.

5598—Green House Materials

See also Sash, Greenhouse & Hot Bed

American Blower Co. (Traps), 1400 Russell, Detroit, Mich.
Hitchings & Co., 1170 B'way, New York
Jacobs S. & Sons, 1365 Flushing av, Brooklyn, N. Y.
King Construction Co., N Tonowanda, N. Y.
Lord & Burnham Co., 30 E 42d, New York
Lutton William H. Co., Jersey City, N. J.
Metropolitan Material Co., 1335 Flushing av, Brooklyn, N. Y.
Pierson U Bar Co., 1 Madison av, New York
Reich V. E., 1429 Metropolitan av, Brooklyn, N. Y.
Selden Cypress Door Co., Palatka, Fla.
STEARNS A. T. LUMBER CO., 100 Taylor Neponset, Boston, Mass.
See adv index at end of book
Struck Alfred Co., Louisville, Ky.

5599— Grenades (Hand)

See also Extinguishers, Fire

Hayward S. F. & Co., 250 W 54th, New York
Stahl Geo. H., Quincy, Ill.

5600—Griddles (Cast Iron, Stamped Steel, Etc.)

Cheney S. & Son, Manlius, N. Y.
Cleveland Stamping & Tool Co. (Bailed & Handled), Cleveland, O.
Crane Wm. M. Co. ("Vulcan"), 16 W 32d, New York
Griswold Mfg. Co. (Cast Iron & Aluminum), Erie, Pa.
Lalance & Grosjean Mfg. Co. (Cake), 299 B'way, New York
National Enameling & Stamping Co. (Cake)), 411 5th av, New York
New York Stamping Co. ("Empire" Steel), N 11th & Berry, Brooklyn, N. Y.
Stuart & Peterson Co. (Polished Cast Iron), Burlington, N. J.
Wagner Mfg. Co. (Iron & Aluminum), Sidney, O.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.) (Stamped Steel), Wheeling, W. Va.

5601— Griddles (Electric)

American Electrical Heater Co., Detroit,
Simplex Electric Heating Co. ("Simplex"), Cambridge, Mass

5602— Griddles (Soapstone)

Alberene Stone Co., 223 E 23d, New York
Hutchins-Kilbourne Co. ("Utility," Imitation Soapstone), Buffalo, N. Y.
Old Dominion Soapstone Co., Esmont, Va.
Phoenix Soapstone Co., 71 Murray, New York
Pike Mfg. Co., Pike, N. H.
Union Soapstone Co., 14 Marshall, Boston, Mass.
Vermont Soapstone Co., Perkinsville, Vt.
Virginia Soapstone Co., Schuyler, Va.

5603—Grille, Fret & Lattice Work

See also Grille & Fret Work, for the Trade Only

American Parquetry Floor Co., 1124 Walnut, Phila., Pa
American Sash & Door Co. (Wholesale Mfrs.), Kansas City, Mo.
Architectural Decorating Co., 1600 S Jefferson, Chicago, Ill.
Bertelsen Adjustable Grille Co., 2117 S Troy, Chicago, Ill.
Bossert Louis & Son, 1335 Grand, Brooklyn, N. Y.
Boynton & Co., 1725 Dickson, Chicago, Ill.
Buffalo Grille Co., 270 Court, Buffalo, N. Y.
Carr, Ryder & Adams Co. (Wholesale Mfrs.), Dubuque, Ia.
Central Wire & Iron Works (Wire Window Guards), Des Moines, Ia.
Chapman Wm. O. Co., 30 Church, New York
Cleveland Hardwood Floor Co., Cleveland, O.
Clinton Wire Cloth Co. (Wire), Clinton, Mass.
Columbus Structural Steel Co. (Window Guards), Columbus, O.
Columbus Wire & Iron Works Co. (& Window Guards, etc), Columbus, O.
Curtis Bros. & Co., Clinton, Ia.
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Gordon Van Tine Co., Davenport, Ia.
Grand Union Grille Works, 3422 W Lake, Chicago, Ill.
Heaton & Wood, 1802 Chestnut, Phila., Pa.
Highton Wm. & Sons Co. (Brass, Bronze, Cast Iron & Steel), Nashua, N. H.
Huttig Mill Wk Co., Kansas City, Mo.
Hyde-Murphy Co., Ridgeway, Pa.
Inlaid Floor Co., 600 Alabama & 4067 Notts st, Emeryville, Cal.
Jelliffe C. O. Mfg. Corp. (Window Guards), Southport, Conn.
Kolemick Jno. Jr. & Co. Inc. (Wire & Window Guards), 430 Hancock, L. I. City, N. Y.
Lorenzen Chas. F. & Co., 105 N Clark, Chicago, Ill.
McKay Angus Co., 724 S Desplaines, Chicago, Ill.
Nedrow Mfg. Co., Caledonia, N. Y.
Nelson Chas. 1939 W Lake, Chicago, Ill.
New York Carved Moulding Co., Third av & 139th, New York
Pasadena Mfg. Co., Pasadena, Cal.
Security Window Guard Co. ("Security"), 130 N 5th av, Chicago, Ill.
Stewart G. S. Co. (Grills & Fret only), Norwalk, O.
Syracuse Screen & Grille Co., North Manchester, Ind.
Waddell Mfg. Co., Grand Rapids, Mich.
WRIGHT WIRE CO. (Window Guards, Wire), Worcester, Mass.
See adv index at end of book

5604—Grille or Fret Work (for the Trade Only)

Buffalo Grille Co., 270 Court, Buffalo, N. Y.
Curtis Bros. & Co. (Wholsesale Mfrs.), Clinton, Ia.
Curtis, Towle & Paine Co., Lincoln, Neb.
Curtis & Yale Co., Wausau, Wis.
Foster-Munger Co., 1404 W 37th, Chicago, Ill.
Gauger John A. & Co., 1434 W 22d, Chicago, Ill.
Gould Mfg. Co., Oshkosh, Wis.
Peirce W. E. & Co., Milford, N. H.
Roberts Sash & Door Co., 920 W 20th, Chicago, Ill.

5605—*Grilles (Brass & Bronze)

See also Bank & Offices Railings

Anchor Post & Iron Wke, 167 B'way N. Y.
For branch offices see Alphabetical Section
Bayer-Rothgeb Co., Los Angeles, Cal.
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.
Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
DAHLSTROM METALLIC DOOR CO., 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book
Estey Wire Works Co., 34 Cliff, New York
See adv index at end of book
Feeley W. J. Co., 169 S. Angell, Providence, R. I.
GORHAM CO. ARCH'L BRONZE, 5th av & 36th, New York. Works: Providence, R. I *See adv index at end of book*
HANKE IRON & WIRE WORKS, 800 N Albany av, Chicago, Ill.
See adv index at end of book
Highton Wm & Sons Co., Nashua, N. H.
Howard & Morse, 46 Fulton, New York
Jelliffe C. O. Mfg. Corp. (Wire), Southport, Conn.
Nedrow Mfg. Co., Caledonia, N. Y.
NEWMAN MFG. CO., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill. *See adv index at end of book*
PITT WM. R. COMPOSITE IRON WORKS, 221 W 26th, New York
See adv index at end of book
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
TYLER W. S. CO., Cleveland, O., & 200 5th av, New York
See adv index at end of book
WRIGHT WIRE CO., Worcester, Mass.
See adv index at end of book

5605a— Grilles (Cast Iron)

Bayer-Rothgeb Co., Los Angeles, Cal.
Highton Wm. & Sons Co., Nashua, N. H.
Newmann Mfg. Co., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill.
See adv index at end of book
Wisconsin Iron & Wire Works, Milwaukee, Wis.

5605b— *Grilles (Electro Plated)

Newman Mfg. Co., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill.
See adv index at end of book

5605c—*Grilles (Fret & Lattice Work)

ESTES E. B. & SONS (Wood), 364 5th av, New York *See adv index at end of book*
Feeley W. J. Co. (Brass & Bronze), 169 S Angell, Providence, R. I.

5605d—*Grilles Gates & Railings

GORHAM CO. ARCHITECTURAL BRONZE, 5th av & 36th, New York
See adv index at end of book

5605e—*Grilles (Perforated Metal)

ERDLE PERFORATING CO., 181 York, Rochester, N. Y.
See adv index at end of book

Grilles (Wood)

See Grilles, Fret & Lattice Work

5606—Grilles (Wrought Iron)

See also Iron, Architectural & Ornamental

Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
Estey Wire Works Co., 34 Cliff, New York
See adv index at end of book
HANKE IRON & WIRE WORKS, 800 N Albany av, Chicago, Ill.
See adv index at end of book

Howard & Morse, 46 Fulton, New York
NEWMAN MFG. CO., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill.
See adv index at end of book
PITT WM. R. COMPOSITE IRON WORKS, 221 W 26th, New York
See adv index at end of book
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
TYLER W. S. CO., Cleveland, O. & 200 5th av, New York
See adv index at end of book
WRIGHT WIRE CO., Worcester, Mass.
See adv index at end of book

5607—*Grinders (Arsenate of Lead)

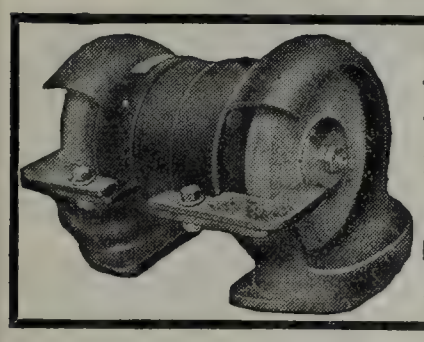
ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*

5608— Grinders (Band Saw)

Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Filer & Stowell Co., Milwaukee, Wis.
Lake Shore Engine Works, Marquette, Mich.
Yates P. B. Machine Co., Beloit, Wis.

5609— Grinders (Bench)

American Electric Tool Co. ("Carver" Portable Electric Direct & Alternating), West Newton, Mass.
Athol Machine Co. (& Countershafts for Tool Dressing), Athol, Mass.
Baldwin, Tuthill & Bolton (Also Combination Bench Grinders & Saw Gummers), Grand Rapids, Mich.
Blount J. G. Co., Everett, Mass.
Bridgeport Safety Emery Wheel Co., Bridgeport, Conn.
Buffalo Emery Wheel Co., 127 Ash, Buffalo, N. Y.
Carborundum Co. ("Niagara" carborundum), Niagara Falls, N. Y.
Central Machine Works Co. (Double Grinder), 1234 Central av, Minneapolis,, Minn.
Clark Jas. Jr. Electric Co., Louisville, Ky.
Clizbe Bros. Mfg. Co. ("Crown"), Plymouth, Ind.
Cutter & Wood Supply Co., 68 Pearl, Boston, Mass.
Diamond Machine Co. ("Diamond," "Standard"), Providence, R. I.
Empire Implement Mfg. Co., Albany, N. Y.
Fenn Mfg. Co. ("Fenn" Gear Cutter), 385 Broad, Hartford, Conn.
Forbes & Myers, 169 Union, Worcester, Mass. *See adv index at end of book*


Bench and floor electric grinders
Reliable
Convenient
Economical
FORBES & MYERS
169 Union St
Worcester, Mass.

Goodell-Pratt Co., Greenfield, Mass.
Hall & Brown Woodworking Machine Co., 1913 N B'way, St. Louis, Mo.
Hisey-Wolf Machine Co. ("Hisey" Electric), Cincinnati, O.
Luther Grinder Mfg. Co. ("Mechanic Special," "Best Maide," "Multi-Gear," "Compacto," "Hummer") 285 S Water, Milwaukee, Wis.
Neil & Smith Electric Tool Co. ("Ideal" Electric), 120 E 6th, Cincinnati, O.
North Wales Machine Co. ("North Wales") North Wales, Pa.
Norton Co., Worcester, Mass.
Partridge Edw. O. ("Partridge"), 2047 Lake, Chicago, Ill.
Racine Electric Co. (Electric), 53 W Jackson bl, Chicago, Ill.
Ransom Mfg. Co., Oshkosh, Wis.
Rivett Lathe & Grinder Co. (Fast Speed Internal), 2 Brooks, Brighton, Boston, Mass.
Rock Island Mfg. Co., Rock Island, Ill.
St. Louis Machine Tool Co., 2607 S B'way, St. Louis, Mo.
Safety Emery Wheel Co., Springfield, O.
Sellew Machine Tool Co. (Disc), Pawtucket, R. I.
Springfield Mfg. Co., Bridgeport, Conn.
Standard Electric Tool Co. (Electric), 128 Opera pl, Cincinnati, O.
See adv index at end of book
Star Specialty Mfg. Co. ("Perfection" Cut Gear Grinders), 227 W Erie, Chicago, Ill.
Sterling Grinding Wheel Co., Tiffin, O.
Stow Mfg. Co. (Electric), Binghamton, N. Y.
Superior Corundum Wheel Co., Waltham, Mass.
Tanite Co., Stroudsburg, Pa.
U. S. Electrical Tool Co. (Electric), Cincinnati, O.
Van Dorn Electric Tool Co., 2978 Woodhill, Cleveland, O.
Vitrified Wheel Co., Westfield, Mass.
Webster & Perks Tool Co. (Self-Oiling), Springfield, O.
Wood A. A. & Sons Co. ("Atlanta," Tool Grinders), Atlanta, Ga.

Grinders (Car Wheel)

See Car Wheel Grinding Machines

5610— Grinders (Center)

See also Pneumatic Center Grinders
Buffalo Specialty Co., 375 Ellicott, Buffalo, N. Y.
Clark Jas. Jr. Electric Co. (Electrically Driven), Louisville, Ky.
GEM MFG. CO. ("Gem" Flexible Shaft), Goebel, nr Fulton, N S. Pittsburgh, Pa. *See adv index at end of book*
Hisey-Wolf Machine Co. ("Hisey" Electric), Cincinnati, O.
Leader Mfg. Co. ("Leader"), Springfield, O.
Modern Tool Co., 300 State, Erie, Pa.
Neil & Smith Electric Tool Co. ("Ideal," Ohio Machine Tool Co., Kenton, O.
Racine Electric Co., 53 W Jackson bl, Chicago, Ill.
Stow Mfg. Co. (Flexible Shaft), Binghamton, N. Y.
U. S. Electrical Tool Co. (Electric), Cincinnati, O.

5611— Grinders (Chisel)

Empire Implement Mfg. Co., Albany, N. Y.
Hemming Bros. Co. (Automatic), New Haven, Conn.
Millers Falls Co., 28 Warren, New York
Star Specialty Mfg. Co. ("Star"), 227 W Erie, Chicago, Ill.

Grinders (Chuck Work)

See Grinders, Surface, etc

5612— Grinders (Cinder)

See also Mills, Cinder
Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
Eastern Machinery Co. ("Hill," Improved), New Haven, Conn.
Farrel Foundry & Machine Co., Ansonia, Conn.
Standard Equipment Co. ("Standard"), New Haven, Conn.

5613— Grinders (Cock)

See also Grinders, Valve
Milwaukee Cock Grinding Mach. Co., 66 12th, Milwaukee, Wis.
Turner Machine Co. (Automatic), 3632 N Lawrence, Phila., Pa.
Warner & Swasey Co., Cleveland, O.

Grinders (Corn & Cob)

See Mills, Corn & Cob

5614— Grinders (Crackling)

Mitts & Merrill (For Extracting Tallow), 1939 So Water, Saginaw, Mich.

5615— Grinders (Crank)

Landis Tool Co. (Cylindrical), Waynesboro, Pa.
Norton Grinding Co. (Cylindrical), Worcester, Mass.
Tindel, Norris Co., Eddystone, Pa.

5616—Grinders (Cup, Cone & Hub)

Bridgeport Safety Emery Wheel Co. (Cup Only), Bridgeport, Conn.
Norton Co., Worcester, Mass.
Pratt & Whitney Co., Hartford, Conn.
Springfield Mfg. Co., Bridgeport, Conn.

Grinders (Cutter)

See Grinders, Reamer & Cutter

5617— Grinders (Cylinder)

Hanke Iron & Wire Works, 800 N Albany av, Chicago, Ill.
See adv index at end of book
Heald Machine Co., Worcester, Mass.
Ott Grinder Co., Indianapolis, Ind.
Pratt & Whitney Co., Hartford, Conn.
Prentiss, Henry & Co., Inc. (Formerly Prentiss Tool & Supply Co.), 149 B'way. New York
See adv index at end of book
Tindel Morris Co., Eddystone, Pa.

5618— Grinders (Die)

Baird Machine Co. (And Tool), Bridgeport, Conn.
Bignall & Keeler Machine Works ("B. & K."), Edwardsville, Ill.
Modern Tool Co., 300 State, Erie, Pa.
See adv index at end of book
Wilmarth & Morman Co., 1151 Monroe av, N W, Grand Rapids, Mich.

5619— Grinders (Disc)

Besly Chas. H. & Co. ("Besly," Single, Double & Vertical Spindle & Pattern Makers), 120 N Clinton, Chicago, Ill.
Carpenter Chas. R. Mach. Co., Racine, Wis.
Carter & Bucholz Co. Inc., 1234 S State, Syracuse, N. Y
Crescent Machine Co., Leetonia, O.
Diamond Machine Co. ("Diamond"), Providence, R. I.
Gardner Machine Co. ("Gardner's" Improved for Metals; also "Gardner's" Improved for Pattern Making), Beloit, Wis.
Heald Machine Co., Worcester, Mass.
Hoysradt & Case (Metal), Kingston, N. Y.
Modern Pattern & Mach Co., 121-123 State, Detroit, Mich.
Prentiss Henry & Co., Inc. (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York
See adv index at end of book
Ransom Mfg. Co., Oshkosh, Wis.
Rowbottom Machine Co. ("Rowbottom" Double Head & Double End), Waterville, Conn.
Sellew Machine Tool Co. ("Sellew"), Pawtucket, R. I.
Taylor & Fenn Co., Hartford, Conn.
Valley City Machine Works, Grand Rapids, Mich.
Walls T. P. Tool & Supply Co. (With Emery Band), 75 Walk, New York

5620— Grinders (Drill)

Cincinnati Electrical Tool Co., Cincinnati, Ohio
Empire Implement Mfg. Co., Albany, N. Y.
Greenfield Tap & Die Corp. ("Wells"), Greenfield, Mass.
See adv index at end of book
Landis Tool Co., Waynesboro, Pa.
La Salle Machine & Tool Co. ("American," Twist Drill), La Salle, Ill.
Modern Tool Co., 300 State, Erie, Pa.
See adv index at end of book
National-Standard Co. ("Magic"), Box 211, Niles, Mich.
Niles-Bement-Pond Co., 111 B'way, New York
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
Washburn Shops ("Worcester"), Worcester, Mass.
Wilmarth & Morman Co. ("New Yankee"), 1151 Monroe av, N W, Grand Rapids, Mich.

5621— Grinders (Edging)

See also Mills, Bark
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Bartlett A. F. & Co., Saginaw, Mich.
Filer & Stowell Co., Milwaukee, Wis.
Mitts & Merrill, 1939 S Water, Saginaw, Mich.
Union Iron Works, Bangor, Me.

5622— *Grinders (Electric)

Dillon Elec. Co., 11th N E & Mahoning rd, Canton, O.
FORBES & MYERS ("Forbes & Myers," Bench & Floor), 169 Union, Worcester, Mass. *See adv index at end of book*

Grinders (Electric, Portable)

See Grinders, Portable with Word "Electric" Following the Name

5623—Grinders (Emery, Tool)

American Grinter Mfg. Co., 2203 Sycamore, Milwaukee, Wis.
Atlantic Engine Co., Meadville, Pa.
Barcola Mfg. Co. ("Union" Foot Power), Buffalo, N. Y.
Barnes W. F. & John Co. ("Barnes" Water), Rockford, Ill.
Bay State Emery Wheel Co., Worcester, Mass.
Blake & Johnson Co. ("Waterbury"), 1500 Thomaston av, Waterbury, Conn. *See adv index at end of book*
Blount J. G. Co., Everett, Mass.
Born J. C. & Bro. ("Crescent"), Belleville, Ill.
Bridgeport Safety Emery Wheel Co. (Emery Wheel), Bridgeport, Conn.
Brown & Sharpe Mfg. Co., Providence, R. I.
Buffalo Emery Wheel Co., 127 Ash, Buffalo, N. Y.
Bullock C. K., 1357 Ridge av, Phila., Pa.
Carborundum Co. ("Niagara" carborundum), Niagara Falls, N. Y.
Cheney S. & Son, Manlius, N. Y.
Chicago Wheel & Mfg. Co. ("Eureka"), 1101 W Monroe, Chicago, Ill.
Cincinnati Electrical Tool Co., Cincinnati, O.
Cleveland Milling Machine Co. (Profile Grinder), 18511 Euclid av, Cleveland, O.
Cleveland Pneumatic Tool Co. (Portable & Bench), 3734 E 78th, Cleveland, O.
Clizbe Bros. Mfg. Co. ("Crown"), Plymouth, Ind.
Crestline Mfg. Co. ("Ever-Ready" Connected to Gasoline Engine for Farm & General Use), Crestline, O.
Cutter & Wood Supply Co., 68 Pearl, Boston, Mass.
Deane Machine Co., Fitchburg, Mass.
Defiance Machine Works, Defiance, O.
Diamond Machine Co. ("Diamond," "Standard" Bench Tools, etc), Providence, R. I.
Disston Henry & Sons (Inc.), Tacony, Phila., Pa.
Duisdieker Foundry & Mfg. Co. ("Cyclone"), Pekin, Ill.
Emerson, Smith & Co. (Ltd.), Beaver Falls, Pa.
Forbes & Myers ("Forbes & Myers"), 169 Union, Worecster, Mass. *See adv index at end of book*
Frank Machinery Co., Buffalo, N. Y.
Frederick Machine Works, Norwalk, O.
Garvin Machine Co., 147 Varick, New York
GEM MFG. CO. ("Gem," Portable, Flexible Shaft), Goebel, nr Fulton, N S, Pittsburgh, Pa. *See adv index at end of book*
Gillie Machine Co. ("Tonawanda" Double), Tonawanda, N. Y.
Gisholt Machine Co. ("Universal" for Lathe & Planer Tools), Madison, Wis.
Globe Foundry & Machine Co. ("Globe," Small, for Farmers, Butchers, etc), Sheboygan, Wis.
Goodell-Pratt Co., Greenfield, Mass.
Goodnow L. H. Foundry Co., Fitchburg, Mass.
Greenfield Tap & Die Corp. ("Wells"), Greenfield, Mass. *See adv index at end of book*
Greer Chemical Co., 20 W Jackson blvd, Chicago, Ill.
Hampden Corundum Wheel Co., Brightwood, Springfield, Mass.
Herrick & Cowell, New Haven, Conn.
Hoil Mfg. Co., 45 N Division, Buffalo, N. Y.
Holmes E & B. Machinery Co., Buffalo, N. Y.
Huntington Machine & Foundry Co. ("Heinss," "I. X. L."), Huntington, Ind.
Huntsville Foundry & Machine Co. (Nolan Jones, Props), Huntsville, Ala.
Hussman Harry L., 911 N B'way, St. Louis, Mo.
Kerrihard Co. (With Saws Attached), Red Oak, Ia.
King Mfg. Co., Piqua, O.
Landis Tool Co. (Cylindrical), Waynesboro, Pa.
Le Blond R. K. Machine Tool Co., Cincinnati, O.
Luther Grinder Mfg. Co. ("Mechanics Special," "Best Maide," "Dimo-Grit" Hand & Foot Power), 285 S Water, Milwaukee, Wis.
Michigan Engine Valve Co. ("Perfection"), 115 Columbia, W Detroit, Mich.
Modern Grinder Mfg. Co., 159 Buffalo, Milwaukee, Wis.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Mummert-Dixon Co. ("Universal"), Hanover, Pa.
Newton Edwin A. ("Brand New"), 310 N 4th, Phila., Pa.
Niles-Bement-Pond Co., 111 B'way, New York
Noble & Westbrook Mfg. Co., Hartford, Conn. *See adv index at end of book*
Norton Grinding Co., Worcester, Mass.
Ott Grinder Co., Indianapolis, Ind.
Partridge Edw. O. ("Partridge"), 2047 Lake, Chicago, Ill.
Pittsburgh Emery Wheel Co., Rochester, Pa.
Pratt & Whitney Co., Hartford, Conn.
Quickedge Sharpener Co., 215 N Desplaines, Chicago, Ill.
Ransom Mfg. Co., Oshkosh, Wis.
Richards-Wilcox Mfg. Co. ("Cyclone," Ball-Bearing Steel Frame), Aurora, Ill.
Rockford Drilling Machine Co. (Tool), Rockford, Ill.
Rock Island Mfg. Co., Rock Island, Ill.
Rogers Samuel C. & Co., 10 Lock, Buffalo, N. Y.
Royersford Foundry & Machine Co., Royersford, Pa.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
St. Louis Machine Tool Co., 2607 S B'way, St. Louis, Mo.
Safety Emery Wheel Co., Springfield, O.
San Francisco Engineering Co., 322 6th, San Francisco, Cal.
Schramm Chris. D. & Son, 308 N 4th, Phila, Pa.
SIMMONS MACHINE CO., INC., 987 Broadway, Albany, N. Y. *See adv index at end of book*
Sprague Foundry & Mfg. Co., Council Bluffs, Ia.
Springfield Mfg. Co., Bridgeport, Conn.
Star Corundum Wheel Co., 241 Cavalry av, Detroit, Mich.
STARK TOOL CO. (For Small Tools), Waltham, Mass. *See adv index at end of book*
Steiner Mfg. Works, Erie, Pa.
Sterling Grinding Wheel Co., Tiffin, O.
Stover Mfg. Co. (Small), Freeport, Ill.
Stow Mfg. Co. (Stationary & Portable), Binghamton, N. Y.
Superior Corundum Wheel Co., Waltham, Mass.
Swineford G. A. Co., Canton, O.
Tabor Mfg. Co. ("Taylor"), 1740 Hamilton, Phila., Pa.
Tanite Co., Stroudsburg, Pa.
Taylor & Fenn Co., Hartford, Conn.
Tucker Machine Co., 222 E 9th, Cincinnati,, O.
United States Electrical Tool Co., Cincinnati, O.
Universal Grinding Mach. Co. ("Universal"), Fitchburg, Mass.
Valley City Machine Works ("V.-C."), Grand Rapids, Mich.
Vitrified Wheel Co., Westfield, Mass.
Webster & Perks Tool Co. (Electric & Belt), Springfield, O.
Wilmarth & Morman Co., 1151 Monroe av N W, Grand Rapids, Mich.
Worcester Pattern & Model Co., ("Anderson"), Worcester, Mass.
Young Carley & Dolan, Inc., 115 B'way, New York

Grinders (Face)

See Grinders, Surface, etc.

Grinders (Feed)

See Mills, Feed Grinding

5624— Grinders (Floor)

Clizbe Bros. Mfg. Co. ("Crown"), Plymouth, Ind.
Diamond Machine Co. ("Diamond," "Standard"), Providence, R. I.
Forbes & Myers ("Forbes & Myers," Electric, Alternating), 169 Union, Worcester, Mass. *See adv index at end of book*
Norton Co., Worcester, Mass.
Ransom Mfg. Co. (Belt Driven with Steel Guards Having Exhaust Pipe Connections), Oshkosh, Wis.
Safety Emery Wheel Co. ("Champion"), Springfield, O.
United States Electrical Tool Co., Cincinnati, O.

5625—Grinders (Foot & Hand Power)

See also Grinders, Sickle & Mower Knife
Buffalo Emery Wheel Co., 127 Ash, Buffalo, N. Y.
Buffalo Specialty Co. ("Success" Foot Only), 375 Ellicott, Buffalo, N. Y.
Carborundum Co. ("Niagara" carborundum), Niagara Falls, N. Y.
Clizbe Bros. Mfg. Co. ("Crown"), Plymouth, Ind.
Empire Implement Mfg. Co. ("Climax" Hand Power), Albany, N. Y.
Hopper J. E. & Sons, 78 Main, Belleville, N. J. *See adv index at end of book*
LUTHER GRINDER MFG. CO. ("Mechanics Special," "Best Maide," "Multi-Gear," "Compacto," "Hummer," "Farm Special"), 285 So. Water, Milwaukee, Wis.
North Wales Machine Co. ("North Wales") North Wales, Pa.
Pike Mfg. Co., Pike, N. H.
ROCK ISLAND MFG. CO., Rock Island, Ill.
Wood A. A. & Sons Co. ("National" Hand Power Only), Atlanta, Ga.

5625a—Grinders (For Woodworking Tools)

Worcester Pattern & Model Co. ("Anderson"), Worcester, Mass.

5625b— Grinders (Gauge)

La Salle Machine & Tool Co. (Micrometers), La Salle, Ill.

5626—Grinders (Huller Knife)

Carver Cotton Gin Co. (For Cotton Seed Hullers), East Bridgewater, Mass.

5627— Grinders (Internal)

Brown & Sharpe Mfg. Co., Providence, R. I.
Bryant Chucking Grinder Co., Springfield, Vt.
Cincinnati Electrical Tool Co., Cincinnati, O.
HEALD MACHINE CO., Worcester, Mass.
Hisey-Wolf Machine Co. ("Hisey" Portable Electric), Cincinnati, O.
Landis Tool Co. (Cylindrical), Waynesboro, Pa.
Lansing Stamping & Tool Co. ("Capitol"), Lansing, Mich.
Modern Tool Co., 300 State, Erie, Pa. *See adv index at end of book*
Neil & Smith Electric Tool Co. ("Ideal" Portable Electric), 120 E 6th, Cincinnati, O.
Ott Grinder Co., Indianapolis, Ind.
Prentiss Henry & Co., Inc. (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York *See adv index at end of book*
Rivett Lathe & Grinder Co., 2 Brooks, Brighton, Boston, Mass.
Stow Mfg. Co., Binghamton, N. Y.
Universal Grinding Mach. Co., Fitchburg, Mass.
Van Norman Machine Tool Co. ("Van Norman"), Springfield, Mass.

5628—Grinders (Knife & Scissors)

Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Blackhall Mfg. Co. (Knife Only), 196 Seneca, Buffalo, N. Y.
Covel Mfg. Co., Benton Harbor, Mich.

Empire Implement Mfg. Co., Albany, N. Y.
Hemming Bros. Co. (Automatic Knife), New Haven, Conn.
Hoppen J. E. & Sons, 78 Main, Belleville, N. J. *See adv index at end of book*
North Wales Machine Co. ("North Wales") North Wales, Pa.
Rogers Frank R., 16-20 Elk, Buffalo, N. Y.
Rogers Samuel C. & Co. ("Buffalo" Automatic), 10 Lock, Buffalo, N. Y.
Root-Heath Mfg. Co. ("Favorite" Clipper Knife), Plymouth, O.
Safety Emery Wheel Co. (Knife Only), Springfield, O.
Shawmut Machinery Co. ("Perfect" Scissors), 82 Lincoln, Boston, Mass.
Spengler-Loomis Mfg. Co. ("Kwicksharp"), 58 E Washington, Chicago, Ill.
Springfield Mfg. Co. (Knife), Bridgeport. Conn.

5629—Grinders (Lathe Center)

Coates Clipper Mfg. Co., Worcester, Mass.
Diamond Machine Co. ("Diamond"), Providence, R. I.
Hisey-Wolf Machine Co. ("Hisey" Portable Electric), Cincinnati, O.
Trump Bros. Machine Co., Beech & Anchorage, Wilmington, Del.
United States Electrical Tool Co., Cincinnati, O.

Grinders (Lawn Mower)

See Sharpeners, Lawn Mower

5630-1—Grinders (Mill Pick)

Bullock Chas. K., 1361 Ridge av, Phila., Pa.

Grinders (Mower Knife)

See Grinders, Sickle & Mower Knife

5632— Grinders (Oilstone)

Buffalo Emery Wheel Co., 127 Ash, Buffalo, N. Y.
Mummert-Dixon Co., Hanover, Pa.
Oliver Machinery Co., Grand Rapids, Mich.

5633— Grinders (Pan)

Tropenas Converter Co., 2243 Nostrand av, New York

5634—Grinders (Paper Mill)

Mitts & Merrill, 1939 S Water, Saginaw, Mich.
Noble & Wood Machine Co. ("Bull-Dog," for Roofing & Leather Stock), Hoosick Falls, N. Y.

Grinders (Plain Tool)

See Grinders, Emery, Tool

5635—Grinders (Planer Knife)

American Woodworking Machinery Co., Rochester, N. Y.
Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Bridgeport Safety Emery Wheel Co., Bridgeport, Conn.
Capital Machine Co. (Automatic), Indianapolis, Ind.
Carver Cotton Gin Co. (Wet & Dry), E Bridgewater, Mass.
Cutter & Wood Supply Co., 68 Pearl, Boston, Mass.
Defiance Machine Works (Automatic), Defiance, O.
Fay J. A. & Eagan Co., Cincinnati, O.
Hall & Brown, Woodworking Machine Co., 1913 N B'way, St. Louis, Mo.
Hemming Bros. Co. (Automatic), New Haven, Conn.
Hickok W. O. Mfg. Co., Harrisburg, Pa.
Holmes E. & B. Machinery Co., Buffalo, N. Y.
Mummert-Dixon Co. ("Universal"), Hanover, Pa.
Oliver Machinery Co., Grand Rapids, Mich.
Rogers Samuel C. & Co. ("Buffalo" Automatic, etc), 10 Lock, Buffalo, N. Y.
Safety Emery Wheel Co., Springfield, O.
Smith H. B. Machine Co., Smithville, N. J.
Stockbridge Machine Co. ("Quick-Sharp") Worcester, Mass.
Superior Corundum Wheel Co., Waltham, Mass.
Tanite Co., Stroudsburg, Pa.
Trevor Mfg. Co., Lockport, N. Y.
Woods S. A. Machine Co. (The Planers of Woods"), Boston, Mass.
Yates P. B. Machine Co., Beloit, Wis.

5636— Grinders (Portable)

Anderson Electric Machine Tool Co. (Electric), 1324 Cass av, St. Louis, Mo.
Armstrong-Blum Mfg. Co, ("Marvel"), 337 N Francisco av, Chicago, Ill.
Black & Decker Mfg. Co. ("B. & D." Electric), 111 So Calvert, Baltimore, Md.
CHICAGO PNEUMATIC TOOL CO. ("Duntley" Operated Either by Compressed Air or Electricity), Fisher bldg, Chicago, Ill.
See adv index at end of book
Cincinnati Electrical Tool Co. (Electric), Cincinnati, O.
Excelsior Tool & Machine Co., 32nd & Ridge, East St. Louis, Ill.
Forbes & Myers ("Forbes & Myers" Electric Bench), 169 Union, Worcester, Mass. *See adv index at end of book*
Hamilton-Beach Mfg. Co. (Electric), Racine, Wis.
Haskins, R. J., 547 Washington blvd., Chicago, Ill.
Helwig Mfg. Co. ("Helwig" Operated by Air), St. Paul, Minn.
Hisey-Wolf Machine Co. ("Hisey" Electrical Driven), Cincinnati, O.
Independent Pneumatic Tool Co. (Electric), 1307 Michigan av, Chicago, Ill.
Ingersoll-Rand Co. ("Little David" Pneumatic), 11 B'way, New York
See adv index at end of book
Mummert-Dixon Co. (Electric Radial Swing), Hanover, Pa.
National-Standard Co., Box 211, Niles, Mich.
Neil & Smith Electric Tool Co. ("Ideal" Electric), 120 E 6th, Cincinnati, O.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Racine Electric Co., Racine, Wis.
SIMMONS MACHINE CO., INC., 987 B'way, Albany, N. Y.
Standard Electric Tool Co. (Electric), 128 Opera pl, Cincinnati, O.
See adv index at end of book
Stow Mfg. Co. (Electric, Flexible Shaft), Binghamton, N. Y.
Stow Flexible Shaft Co., 26th & Callowhill, Philadelphia, Pa.
United States Electrical Tool Co. (Electric Hand & Heavy Duty Grinders), Cincinnati, O.
Van Dorn Electric Tool Co. (Electric), 2978 Woodhill, Cleveland, O.
Wisconsin Electric Co. ("Dunmore" Electric), 1600 Junction av, Racine, Wis.
See adv index at end of book

DUMORE
PORTABLE GRINDERS
30,000 R.P.M.
WISCONSIN ELECTRIC CO.
1600 JUNCTION AVE. RACINE WIS. U.S.A.

5636a—Grinders (Radial, Ball Race-Way)

Van Norman Machine Tool Co. ("Van Norman" Automatic Oscillating), Springfield, Mass.

5637— Grinders (Rail Bond)

Coates Clipper Mfg. Co. (Electric), Worcester, Mass.

5638—Grinders (Reamer & Cutter)

See also Grinders, Emery-Tool

Adams Co. ("The Farwell Cutter"), Dubuque, Iowa
Brown & Sharpe Mfg. Co., Providence, R. I.
Cincinnati Gear Cutting Machine Co. (Gear Cutter), Elam & Garrard av Cincinnati, O.
Cincinnati Milling Machine Co. (Cutter), Cincinnati, O.
Clark Jas. Jr. Electric Co. (Cutter), Louisville, Ky.
Clough R. M., Tolland, Conn.
Coates Clipper Mfg. Co. ("Coates" Flexible Shaft), Worcester, Mass.
Disston Henry & Sons, Tacony, Phila., Pa.
Falls Machine Co. (Cutter), Sheboygan Falls, Wis.
Fenn Mfg. Co. ("Fenn" Gear Cutter), 385 Broad, Hartford, Conn.
Garvin Machine Co. (Universal Cutter), 147 Varick, New York
Greenfield Machine Co. ("Greenfield"), Greenfield, Mass.
Greenfield Tap & Die Corp. ("Wells"), Greenfield, Mass.
See adv index at end of book

Premier Universal Tool and Cutter Grinder
WITH COMPLETE EQUIPMENT
SIMMONS MACHINE COMPANY, Inc.
985 BROADWAY, ALBANY, N. Y.
NEW YORK OFFICE
801 SINGER BUILDING
DETROIT OFFICE
804 DIME BANK BUILDING
BUFFALO OFFICE
358 ELLICOTT SQUARE
CABLE ADDRESS: SIMMONS ALBANY

GRINDERS (REAMER & CUTTER)—continued

Hisey-Wolf Machine Co. ("Hisey" Portable Electric), Cincinnati, O.
Ingersoll Milling Machine Co. (For Cutters Only), Rockford, Ill.
Kane & Roach, Syracuse, N. Y.
Landis Tool Co., Waynesboro, Pa.
Le Blond R. K. Machine Tool Co. (Cutter), Cincinnati, O.
Matson Machine Co., Concord, N. H.
Modern Tool Co., 300 State, Erie, Pa. *See adv index at end of book*
Norton Grinding Co., Worcester, Mass.
Oakley Machine Tool Co., Oakley, Cincinnati, O.
Pratt & Whitney Co., Hartford, Conn.
Prentiss Henry & Co., Inc. (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York *See adv index at end of book*
Putnam Machine Co., Fitchburg, Mass.
Rivett Lathe & Grinder Co. (Cutter), 2 Brooks, Brighton, Boston, Mass.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill *See adv index at end of book*
SIMMONS MACHINE CO. INC., 987 B'way, Albany, N. Y. *See adv index at end of book*
STARK TOOL CO. ("Stark" Pinion Cutter Grinder), Waltham, Mass. *See adv index at end of book*
Superior Corundum Wheel Co., Waltham, Mass.
United States Electrical Tool Co., Cincinnati, O.
Universal Grinding Mach. Co., Fitchburg, Mass.
Walker O. S. Co., Worcester, Mass.
Wilmarth & Morman Co. ("New Yankee'), 1151 Monroe av, N W, Grand Rapids, Mich.
Woods Engineering Co. ("Universal" Tool & Cutter Grinder), Alliance, O.

5639— Grinders (Ring)

Robbins Machine Co. ("Bay State" Piston Ring), Worcester, Mass.
Walker O. S. Co. ("Single Stroke" Piston Ring), Worcester, Mass.

5640—Grinders (Ring Wheel)

Besly Chas. H. & Co. ("Besly," Single & Double Spindle), 120 N Clinton, Chicago, Ill.

5641— Grinders (Roll)

Farrel Foundry & Machine Co., Ansonia, Conn.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Hampden Corundum Wheel Co., Brightwood, Mass.
Hisey-Wolf Machine Co. ("Hisey" Portable Electric), Cincinnati, O.
Landis Tool Co. ("Landis"), Waynesboro, Pa.
Lobdell Car Wheel Co., G nr Christiana, Wilmington, Del.
Modern Tool Co., 300 State, Erie, Pa. *See adv index at end of book*
Neil & Smith Electric Tool Co. ("Ideal" Portable Electric), 120 E 6th, Cincinnati, O.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Norton Grinding Co., Worcester, Mass.
Poole J. Morton Co., Ft. Thorn, Wilmington, Del.
Springfield Mfg. Co., Bridgeport, Conn.
Townsend Foundry & Machine Shop Co., B'way & Rensselaer, Albany, N. Y. *See adv index at end of book*
United States Electrical Tool Co., Cincinnati, O.

5642—Grinders (Rotary Shear)

Bridgeport Safety Emery Wheel Co., Bridgeport, Conn.
Springfield Mfg. Co., Bridgeport, Conn.

5643—Grinders (Sample Ore)

Abbe Engineering Co., 220 B'way, New *See adv index at end of book*
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Braun Corp. (Hand), Los Angeles, Cal.
Braun-Knecht-Heimann Co. ("Braun"), 576 Mission, San Francisco, Cal.
Calkins Co. ("Advance" Disc, Hand or Power), Los Angeles, Cal.
Denver Engineering Works Co., Denver, Colo.
Engelbach Machine Mfg. Co., Leadville, Colo.
KENNEDY-VAN SAUN MFG. & ENG. CORP., 120 B'way, New York *See adv index at end of book*
Mine & Smelter Supply Co., 42 B'way, New York
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
Worthington Pump & Machy. Corp., 115 B'way, New York *See adv index at end of book*

5644— Grinders (Sand)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
Wetherill R. & Co., Chester, Pa.

5645— Grinders (Saw)

Continental Wood Screw Co. (Automatic), New Bedford, Mass.
Covel Mfg. Co., Benton Harbor, Mich.
Hinds Thos. Co., Malone, N. Y.
Howell R. R. & Co., 31st av, Minneapolis, Minn.
Hunter Saw & Machine Co. (Inserted Tooth), 57th & Butler, Pittsburgh, Pa.
Oliver Machinery Co., Grand Rapids, Mich.
Q. M. S. Co. (Automatic), 1761 Elston av, Chicago, Ill.

5646—Grinders (Shear Knife)

Cutter & Wood Supply Co., 68 Pearl, Boston, Mass.
Tinker F. & Sons Co., 5687 Butler, Pittsburgh, Pa.
Wilmarth & Morman Co., 1151 Monroe av, N W, Grand Rapids, Mich.

5647—Grinders (Sickle & Mower Knife)

See also Grinders, Foot & Hand Power
Acme Harvesting Machine Co. ("Acme"), Peoria, Ill.
Chapman H. L. ("Chapman"), Marcellus, Mich.
Cheney S. & Son ("Fowler"), Manlius, N. Y.
Clizbe Bros. Mfg. Co. ("Daily," "Royal," "Star," "Crown" Sickle), Plymouth, Ind.
Cutaway Harrow Co. ("Dutton"), Higganum, Conn.
Duplex Mill & Mfg. Co. ("Kelley Duplex"), Springfield, O.
Goodell-Pratt Co., Greenfield, Mass.
Herschel R. Mfg. Co. ("Herschel," "New Model"), Peoria, Ill.
Hopper J. E. & Sons, 78 Main, Belleville, N. J. *See adv index at end of book*
International Harvester Company of America (Inc.) (Champion-Deering-McCormick - Osborne - Milwaukee - Piano), Harvester bldg., Chicago, Ill.
Kalamazoo Tank & Silo Co. ("Kalamazoo"), Kalamazoo, Mich.
Luther Grinder Mfg. Co. ("Hummer," "Best Maide," "Farm Special"), 285 S Water, Milwaukee, Wis.
National Dairy Machine Co. ("Industrial"), Goshen, Ind.
Richard-Wilcox Mfg. Co. ("Richards," "Wilcox," "Velox"), Aurora, Ill.
Rock Island Mfg. Co., Rock Island, Ill.
Root-Heath Mfg. Co., Plymouth, O.
Schofield & Co. ("Schofield"), Freeport, Ill.
Whitaker Mfg. Co., ("Karbo," "Sterling"), 409 S Green, Chicago, Ill.
Wood Walter A. Mower & Reaper Machine Co. ("Paragon" & "Perfect"), Hoosick Falls, N. Y.

5648—Grinders (Silversmiths')

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*

5649-50—Grinders (Skate)

Cutter & Wood Supply Co., 68 Pearl, Boston, Mass.
Hemming Bros. (Automatic), New Haven, Conn.
Luther Grinder Mfg. Co., 285 S Water, Milwaukee, Wis.
Pike Mfg. Co., Pike, N. H.

5651—Grinders (Surface, Etc.)

Besly Chas. H. & Co. ("Besly," Flat Surface), 120 N Clinton, Chicago, Ill.
Blake & Johnson Co. ("Waterbury"), 1500 Thomaston av, Waterbury, Conn. *See adv index at end of book*
Blanchard Machine Co. ("Blanchard," High Power Vertical), Cambridge, Mass.
Blount J. G. Co., Everett, Mass.
Bridgeport Safety Emery Wheel Co., (Upright), Bridgeport, Conn.
Brown & Sharpe Mfg. Co., Providence, R. I.
Bryant Chucking Grinder Co. ("Bryant" Multiple Spindle Grinders), Springfield, Vt.
Clark Jas., Jr. Electric Co., Louisville, Ky.
Cleveland Automatic Machine Co. ("Cleveland" Tool & Surface), Cleveland, O.
Clough R. M., Tolland, Conn.
Diamond Machine Co. ("Diamond," Automatic, Hand, etc), Providence, R. I.
Fraser Warren F. Co., Freeport st, Boston, Mass.
Garrigus C. G. Machine Co. (Bristol), Bristol, Conn.
Garvin Machine Co., 147 Varick, New York
Globe Inventing Co., 4877 N Hermitage av, Chicago, Ill.
Heald Machine Co., Worcester, Mass.
Hisey-Wolf Machine Co. ("Hisey" Portable Electric), Cincinnati, O.
Landis Tool Co., Waynesboro, Pa.
La Salle Machine & Tool Co. (Micrometer Adjustment), La Salle, Ill.
Metz Peter J., 1545 N Western av, Chicago, Ill.
Modern Tool Co. (Cylindrical), 300 State, Erie, Pa. *See adv index at end of book*
Morse Twist Drill & Machine Co., New Bedford, Mass.
Moseley Lathe Co. ("Moseley" Traverse for Internal & External Grinding), Elgin, Ill.
National Machine Co. ("Hartford"), Hartford, Conn.
Neil & Smith Electric Tool Co. ("Ideal" Portable Electric), 120 E 6th, Cincinnati, O.
Newton Machine Tool Works (Planer Type), 23rd & Vine, Phila., Pa.
Norton Grinding Co., Worcester, Mass.
Peerless Surface Machine Co. (Belt), 207 Market, Newark, N. J.
Persons-Arter Machine Co. ("Model A," Rotary), Worcester, Mass.
Pratt & Whitney Co. (Vertical), Hartford, Conn.
Prentiss Henry & Co., Inc. (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York *See adv index at end of book*
Robbins Machine Co. ("Bay State"), Worcester, Mass.
SIMMONS MACHINE CO. INC., 987 B'way, Albany, N. Y. *See adv index at end of book*
Springfield Mfg. Co. (Planer & Vertical Type), Bridgeport, Conn.
Stein Wm. P. & Co., Rochester, N. Y.
Stow Mfg. Co., Binghamton, N. Y.
Tanite Co., Stroudsburg, Pa.
U. S. Electrical Tool Co. (Portable Electric), Cincinnati, O.
Universal Grinding Mach. Co., Fitchburg, Mass.
Valley City Machine Works, Grand Rapids, Mich.
Walker O. S. Co., Worcester, Mass.
Wilmarth & Morman Co., ("New Yankee"), 1151 Monroe av, N W, Grand Rapids, Mich.

5652-3—Grinders (Swing Frame)

Bridgeport Safety Emery Wheel Co., Bridgeport, Conn.
Excelsior Tool & Machine Co., 32nd & Ridge, East St. Louis, Ill.
Pittsburgh Emery Wheel Co., Rochester, Pa.
Safety Emery Wheel Co., Springfield, O.
Springfield Mfg. Co., Bridgeport, Conn.
Sterling Grinding Wheel Co., Tiffin, O.

Grinders (Tool)

See Grinders, Emery Tool; also Grinders, Wet Tool

5654— Grinders (Tool Post)

American Electric Tool Co. ("Carver" Portable Electric), West Newton, Mass.
Armstrong-Blum Mfg. Co. (Fitted for Attachment to Lathes & Planers), 337 N Francisco av, Chicago, Ill.
Cincinnati Electrical Tool Co., Cincinnati, Ohio
Grant Mfg. & Machine Co. (& Internal), Bridgeport, Conn.
Hisey-Wolf Machine Co. ("Hisey" Portable Electric), Cincinnati, O.
Neil & Smith Electric Tool Co. ("Ideal" Portable Electric), 120 E 6th, Cincinnati, O.
SIMMONS MACHINE CO., INC., 987 B'way, Albany, N. Y. *See adv index at end of book*
Standard Electric Tool Co. (Portable Electric), 128 Opera pl, Cincinnati, O. *See adv index at end of book*
United States Electrical Tool Co., Cincinnati, O.
Wisconsin Electric Co. ("Dumore" Electric), 1600 Junction av, Racine, Wis. *See adv index at end of book*

DUMORE
PORTABLE GRINDERS
30,000 R.P.M.
WISCONSIN ELECTRIC CO.
1600 JUNCTION AVE. RACINE WIS. U.S.A.

5655— Grinders (Track Rail)

Atlas Railway Supply Co. ("Atlas"), 431 S Dearborn, Chicago, Ill.
Kerwin Machine Co. ("Kerwin-Detroit"), Detroit, Mich.
Railway Track-Work Co. (Reciprocating), 30th & Walnut, Philadelphia, Pa.
Stow Mfg. Co. (Electric, with Flexible Shaft), Binghamton, N. Y.

Grinders (Twist Drill)

See Grinders, Drill.

5656— Grinders (Universal)

Atkins, E. C. & Co., Indianapolis, Ind.
Brown & Sharpe Mfg. Co., Providence, R. I.
Cincinnati Grinder Machine Co.,Colerain & Alalanna, Cincinnati, O.
Fitchburg Grinder Co. ("Fitchburg") (Cylindrical), Fitchburg, Mass.
Gisholt Machine Co. (For Lathe & Planer Tools), Madison, Wis.
Greenfield Machine Co., Greenfield, Mass.
Greenfield Tap & Die Corp. ("Wells"), Greenfield, Mass. *See adv index at end of book*
Hardinge Bros., 4203 Ravenswood av, Chicago, Ill.
Landis Tool Co. (Cylindrical), Waynesboro, Pa.
Le Blond, R. K. Machine Tool Co., Cincinnati, O.
Modern Tool Co., 300 State, Erie, Pa. *See adv index at end of book*
Morse Twist Drill & Machine Co., New Bedford, Mass.
Neil & Smith Electric Tool Co. ("Ideal" Portable Electric), 120 E 6th, Cincinati, O.
Norton Grinding Co., Worcester, Mass.
Oesterlein Machine Co., Cincinnati, O.
Ott Grinder Co., Indianapolis, Ind.
Prentiss Henry & Co., Inc. (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York. *See adv index at end of book*
SIMMONS MACHINE CO. INC., 987 B'way, Albany, N. Y. *See adv index at end of book*
Tabor Mfg. Co. ("Taylor), 18th & Hamilton, Phila., Pa.
Thompson Grinder Co., Springfield, O.
Universal Grinding Mach. Co., ("Bath," Plain, Surface, Disc, Internal & Cutter Grinder, All in One), Fitchburg, Mass.
Van Dorn Electric Tool Co., 2978 Woodhill, Cleveland, O.
Walker O. S. Co., Worcester, Mass.
Webster & Perks Tool Co., Springfield, O.
Wilmarth & Morman Co., 1151 Monroe av, N W, Grand Rapids, Mich.
Woods Engineering Co. (Tool & Cutter Grinder), Alliance, O.

5657— Grinders (Valve)

Albertson & Co., Inc., Sioux City, Ia.
Brierley Machine Co., Cleveland, O.
Ashcroft Mfg. Co., 119 W 40th, New York
Cleveland Pneumatic Tool Co. ("Cleveland" Portable), 3734 E 78th, Cleveland, O.
Favorite Mfg. Co. ("Favorite"), 319 Mt. Vernon av, Columbus, O.
Goodell-Pratt Co. (Automobile), Greenfield, Mass.
Graham Roller Bearing Co., Coudersport, Pa.
Hill-Smith Metal Goods Co., 88 Pearl, Boston, Mass.
Kellogg Mfg. Co., Rochester, N. Y.
Le Blond R. K. Machine Tool Co., Cincinnati, O.
Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.
Marvel Accessories Mfg. Co. ("Marvel"), 2011 E 46th, Cleveland, O.
Motch & Merryweather Machinery Co. ("Misch"), 711 Lakeside av, N W, Cleveland, O.
Steinman Elec. Grinder Co., Inc. ("Steinman" for Automobile & Aeroplane Engines), 42 Southbridge, Worcester, Mass.
Stewart & Co. ("Owen" Hand), 24 B'way, New York

5658— Grinders (Vertical)

Blanchard Machine Co. ("Blanchard" Surface), Cambridge, Mass.
Diamond Machine Co. ("Diamond". Also with Polishing Drum), Providence, R. I.
Springfield Mfg. Co. (Planer Type), Bridgeport, Conn.

5659— Grinders (Wet Tool)

Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Barnes W. F. & John Co., Rockford, Ill.
Blount J. G. Co., Everett, Mass.
Bridgeport Safety Emery Wheel Co., Bridgeport, Conn.
Clark Jas. Jr., Electric Co. (Electrically Driven), Louisville, Ky.
Diamond Machine Co. ("Diamond"), Providence, R. I.
Harris H. E. Engineering Co. (Automatic Hob & Form Cutter), 1047 Broad, Bridgeport, Conn.
Hisey-Wolf Machine Co. ("Hisey" Electric), Cincinnati, O.
Hoppen J. E. & Sons, 78 Main, Belleville, N. J. *See adv index at end of book*
Hoysradt & Case, Kingston, N. Y.
Huntington Machine & Foundry. Co. ("Heinss" Emery), Huntington, Ind.
Landis Tool Co., Waynesboro, Pa.
Lutter & Gies ("Milwaukee"), 258 Lake, Milwaukee, Wis.
Noble & Westerbrook Mfg. Co., Hartford, Conn. *See adv index at end of book*
Prentiss Henry & Co., Inc. (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York *See adv index at end of book*
Ransom Mfg. Co. (Belt or Motor Driven), Oshkosh, Wis.
Rockford Drilling Machine Co., Rockford, Ill.
Ryerson Jos. T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*
Safety Emery Wheel Co., Springfield, O.
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
Springfield Mfg. Co. ("Brandes" Ball Bearing "Springfield," Double), Bridgeport, Conn.
Superior Corundum Wheel Co., Waltham, Mass.
Taylor & Fenn Co., Hartford, Conn.
Tucker Machine Co., 222 E 9th, Cincinnati, O.
Universal Grinding Mach. Co. ("Bath"), Fitchburg, Mass.
Valley City Machine Works (Also Dry Grinders), Grand Rapids, Mich.
Washburn Shops (Drill), Worcester, Mass.
Webster & Perks Tool Co., Springfield, O.
Wilmarth & Morman Co., 1151 Monroe av, N W, Grand Rapids, Mich.
Worcester Pattern & Model Co. ("Anderson"), Worcester, Mass.

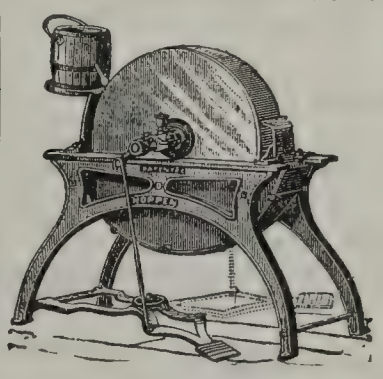
5660-61—Grinders (Wood Pulp)

See also Paper & Pulp Mill Machinery

Abbe Engineering Co., 220 Bway, N. Y. *See adv index at end of book*
Appleton Machine Co. ("Success", Screening Girder), Appleton, Wis.
Bagley & Sewall Co., Watertown, N. Y.
Baker Mfg. Corp., Saratoga Springs, N. Y.
Brown A. & F. Co., 79 Barclay, New York
Dayton Globe Iron Works Co., Dayton, O.
Holyoke Machine Co., Holyoke, Mass.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O. *See adv index at end of book*
Mitts & Merrill, 1939 S Water, Saginaw, Mich.
Pusey & Jones Co., Ft. Poplar, Wilmington, Del.
Scott Olin (Est. of), Bennington, Vt.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

5662—Grindstone Boxes & Frames

American Tool & Machine Co., 10 High, Boston, Mass.
Athol Machine Co. (Iron Frames), Athol, Mass.
Defiance Mach. Works (Iron), Defiance, O.
Cleveland Stone Co. (Grindstone Frames), Leader-News bldg, Cleveland, O.
GRABO E. O. MACHINE WORKS (Iron, also Motor Driven), 180 Centre, New York
Hoppen J. E. & Sons ("Hoppen"), 78 Main, Belleville, N. J. *See adv index at end of book*


Belt, Foot and Hand Driven with Self-Oiling Bearings. Light and Heavy Fixtures.
J. E. HOPPEN & SONS
76 MAIN STREET
BELLEVILLE, N. J.

Howard Iron Works (Iron), Buffalo, N. Y.
Oliver Machinery Co. ("Oliver", Frames Only), Grand Rapids, Mich.
Putnam Machine Co., Fitchburg, Mass.
Smith H. B. Machine Co. (Iron), Smithville, N. J.

5662a — Grinding & Pulverizing Works.

Apex Pulverizing Mills, Inc. (Minerals, Metals, etc.), 254 Eagle, Brooklyn, N. Y.

5663— Grindstone Fixtures

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Cleveland Stone Co., Leader-News bldg, Cleveland, O.
Enterprise Hardware Mfg. Co., Frederick, Md.
Grey Iron Casting Co., Mt. Joy, Pa.
Hoppen J. E. & Sons, 78 Main, Belleville, N. J. *See adv index at end of book*
Richards-Wilcox Mfg. Co. ("Richards" Ball Bearing), Aurora, Ill.
Sargent & Co., New Haven, Conn.
Stowell Co. The., South Wilwaukee, Wis.
Susquehanna Casting Co., Wrightsville, Pa.
Weller Hardware & Foundry Co., Horseheads, N. Y.
Whitman & Barnes Mfg. Co., 1000 W 120th, Chicago, Ill. *See adv index at end of book*
Wrightsville Hdw. Co., Wrightsville, Pa.

5664—Grindstone Truing Device

Athol Machine Co., Athol, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
H. P. Co., 45 Fort, E, Detroit, Mich.
Hoppen J. E. & Sons ("Hoppen"), 78 Main, Belleville, N. J.
See adv index at end of book

5665— Grindstones

Cleveland Stone Co. ("Sterling," "Harvest King"), Leader-News bldg, Cleveland, O.
Columbia Stone Co. (Loose & Mounted), Soc. for Sav. bldg, Cleveland, O.
Constitution Stone Co., Constitution, O.
GRABO E. O .MACHINE WORKS (Iron, Frame, also Motor Driven), 180 Centre, New York
Hoppen J. E. & Sons, 78 Main, Belleville, N. J. *See adv index at end of book*
Lombard & Co. (Nova Scotia), 236 A, Boston, Mass.
Marietta Stone Co. (For Saw & Edge Tools, Files, etc), Marietta, O.
Millers Falls Co. ("Star"), Millers Falls, Mass.
Morris E. K. & Co., 317 W 2d, Cincinnati, Ohio
Murray Stone Co. ("Whitners" Only), Williamson bldg, Cleveland, O.
Ohio Quarries Co. ("Buckeye"), Citizens bldg, Cleveland, O. Quarries & Mills: Amherst, O.
Pike Mfg. Co., Pike, N. H.
Richards-Wilcox Mfg. Co. ("Victor" & "King" Tubular Ball Bearing; also "Eli" Ball Bearing, "Climax" Wood Frame, "Cycle," "Velox" Steel Frame, Ball Bearing), Aurora, Ill.
Wallace Co., Port Austin, Mich.

5666— Grindstones (Kitchen)

Cleveland Stone Co., Leader-News bldg, Cleveland, O.
Millers Falls Co. ("Star"), Millers Falls, Mass.
Richards-Wilcox Mfg. Co. ("Richards" Ball Bearing), Aurora, Ill.

5667— Grippers (Guy)

Channon Jas. H. Mfg. Co. ("Gibson's"), 227 W Erie, Chicago, Ill.

5667a— Grips (Bicycle)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

5668— Grips (Cable)

See also Comealongs

Hallett Iron Works ("McMahon"), Harvey, Ill.
Havens Harold A., Syracuse, N. Y.
Klein Mathias & Sons ("Quick Samson"), 562 W Vanburen, Chicago, Ill.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Norris Electric Specialties Co. ("Gem"), 38 Park row, New York
ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Universal Cable Grip Co. ("Universal," for Underground or Aerial Cables), Syracuse, N. Y.
Western Elec. Co., 463 West, New York

5669— *Grips (Handle Bar)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

5670— Grips (Motorcycle)

Continental Rubber Works ("Continental-Erie" Reinforced with Steel, "Vitalic"), Erie, Pa.
Empire Fire & Rubber Corp., East Trenton, N. J.
Pennsylvania Rubber Co., Jeannette, Pa.

Grips (Nail)

See Claws & Grips, Nail

5671— Grips (Pipe)

Athol Machine Co. ("Standard"), Athol, Mass.
Lockhart R. James, 201 Millvale, Pittsburgh, Pa.
Prentiss Vise Co. ("Peerless"), 110 Lafayette, New York

5672—Grips (Socket Strain Relief)

Stewart F. H. Elec. Co., 37 N 7th, Philadelphia, Pa.
Swan Electric Co., 144 Oliver, Boston, Mass.
Trumbull Elec. Mfg. Co., Plainville, Conn.

Grips (Stair)

See Fasteners, Grips & Buttons

5673—Grips (Steering Lever)

American Enamel Co., Neville, Providence, R. I.
Goodrich B. F. Co., Akron, O.
Goodyear Tire & Rubber Co., Akron, O.
Parker-Stearns & Co. ("Alpha," Rubber), 286 Sheffield av, Brooklyn, N. Y.

5674— Grips (Wire)

See Clamps, Lineman's Splicing

5675— Grit (Mica Quartz)

Mica Crystal Co., Concord, N. H.
Stowell Mfg. Co., Culver av, Jersey City, N. J.

5676— Grit (Roofing)

General Roofing Mfg. Co., 17th & Southern Ry, East St. Louis, Ill.

5677— Grits (Hominy)

American Hominy Co., Indianapolis, Ind.
Durst Milling Co., Dayton, Ohio
Lea Milling Co., Wilmington, Del.
Marco Mills, Pine Bluffs, Ark.
Nebraska Corn Mills, Lincoln, Neb.
Walthen Milling Co., Louisville, Ky.

5678—Grommet Inserting Dies & Cutters

Neptune Hardware Mfg. Co., 54 South, New York
Wilcox, Crittenden & Co., Middletown, Conn.

5679— Grommets (Metal)

AMERICAN BRASS CO. (Brass), Waterbury, Conn.
For branch offices see adv index at end of book
American Ring Co., Waterbury, Conn.
Berbecker & Rowland Mfg. Co., Waterville, Conn.
Bettcher Mfg. Co. (Bedstead), 6120 Clark av S W, Cleveland, O.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Jenkinson R. C. & Co., 293 Washington, Newark, N. J.
Laughlin Thos. Co., Portland, Me.
Neptune Hardware Mfg. Co., 54 South, New York
Ohio Nut & Bolt Co., Berea, O.
Rimmon Eyelet Co., Seymour, Conn.
SCOVILL MFG. CO. (To Order Only), Waterbury, Conn.
See adv index at end of book
Stimpson Edwin B. Co. (Brass), 68 Franklin av, Brooklyn, N. Y.
Waterbury Brass Goods Corp., Waterbury, Conn.
Waterbury Button Co., Waterbury, Conn.
Waterbury Mfg. Co., Waterbury, Conn.
Wilcox, Crittenden & Co. (Brass), Middletown, Conn.

5679a—Groomers (Live Stock Vacuum)

Kent Vacuum Cleaner Co. ("Kent"), Rome, N. Y.

5680— Groovers (Belt)

Manufacturers' Belt Hook Co. ("L X"), 1321 W Congress, Chicago, Ill.

5681—Groovers (Sheet Metal)

Barber Mfg. Co., Ashtabula, O.
Crescent Novelty Mfg. Co. (Carriage, Sidewalk, Adjustable Side & Center Plate), 703 S B'way, St. Louis, Mo.

5681a—*Ground Throw Stands

Easton Car & Construction Co., 15 Center sp, Easton, Pa.
See adv index at end of book

5682—*Ground Wire Clamps (Telephone Wires)

DIAMOND EXPANSION BOLT CO., 89 West, New York
See adv index at end of book

5682a— Grounding Devices

Arrow Conductor & Mfg. Co., 1536 W Adams, Chicago, Ill.
Buin Boston Battery & Mfg. Works, 134 State, Boston, Mass.
Cope T. J. (Attaching Plates), 1620 Chancellor, Phila., Pa.
Dossert & Co., 242 W 41st, New York
Fairmount Electric & Mfg. Co., 59th & Woodland, Phila., Pa.
Fargo Mfg. Co., Poughkeepsie, N. Y.
Federal Sign System (Cartridge Ground Plates), 640 W Lake, Chicago, Ill.
Hickey & Schneider (Insulator), 61 B'way, New York
Horne Mfg. Co., 50 Court, Brooklyn, N. Y.
Paragon Electric Co. (Ground), 9 S Clinton, Chicago, Ill.
Shaw Insulator Co., 5 Kirk pl, Newark, N. J.

5683— Guaiacol

Hoffmann-La Roche Chemical Works, 440 Washington, N. Y.
Lyon Julian W. (Imp), 101 Beekman, New York

5684-5—Guard Rail Brace & Tie Plate (Combined)

Ramapo Iron Works ("Ramapo"), Hillburn, N. Y.

Guards (Belt)

See Guards & Safety Devices Machinery

5686—Guards (Cattle, for Railways)

American Bridge Co., 30 Church, New York
Calumet Supply Mfg. Co. ("Calumet"), 14 E Jackson blvd, Chicago, Ill.
Century Materials Co. ("Century" All Steel), Monadnock blk, Chicago, Ill.
Columbian Mail Crane Co. ("Columbian" Steel), Columbus, O.
Cook Standard Tool Co. ("Cook's" Steel), Kalamazoo, Mich.
Fairbanks, Morse & Co. ("Sheffield"), 900 S Wabash av, Chicago, Ill.
Kalamazoo Railway Supply Co. ("Perfect," Steel Surface & "Oaken," Wood Surface), Kalamazoo, Mich.
National Surface Guard Co. ("National" Metal), 343 S Dearborn, Chicago, Ill.
Sheffield Car Co., Three Rivers, Mich.
Universal Railway Supply Co., 122 S Michigan av, Chicago, Ill.

Guards (Concrete Curb)

See Concrete Curb, Steel Bound

5687— Guards (Door)

Anchor Post & Iron Works, 167 B'way, New York
For branch offices see Alphabetical Section
Brasco Mfg. Co. (Brass), 1451 S Michigan av, Chicago, Ill.
Champion Hardware Co. ("Champion"), Geneva, Ohio
Colonial Fireplace Co., 4631 W 12th, Chicago, Ill.
COLUMBUS BRASS CO., 538 Dublin av, Columbus, O. *See adv index at end of book*
Columbus Structural Steel Co. (Wrought & Iron), Columbus, O.
Hester Mfg. Co. (Brass), 1455 S Michigan av, Chicago, Ill.
Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill.
See adv index at end of book
Star Brass Works Co. (Brass), Kansas City, Mo.

5688— *Guards (Dust)

DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works: Marshallton, Del.
See adv index at end of book

Guards (Electric Lamp)

See Lamp Guards

5689—Guards (Emery Wheel)

Barcy-Nicholson Co. ("Universal"), 837 W Fort, Detroit, Mich.
Challenge Machine Co., 5116 Springfield av, Phila., Pa.
Challoner Co., Oshkosh, Wis.
Lockhart-Hodge Co., Inc., 12 Waverly, Buffalo, N. Y.
Ransom Mfg. Co., Oshkosh, Wis.
Woods-Sherwood Co. (Adjustable, etc), Worcester. Mass.

5690— Guards (Extractor)

Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Utica Novelty & Mill Specialty Co., Utica, N. Y.

5690a—Guards (Flower Bed)

Page Steel & Wire Co., Adrian, Mich.
See adv index at end of book

5691— Guards (Foot)

Economy Separable Switch Point Co. ("Economy," Pressed Steel, for Frogs, Switches, etc), Louisville, Ky.
Wharton Wm. Jr. & Co. Inc., Easton, Pa.

5692— *Guards (Gear)

HELTZEL STEEL FORM & IRON CO., Warren, O. *See adv index at end of book*
Letonia Boiler Co., Letonia, O.
Lockhart-Hodge Co., Inc., 12 Waverly, Buffalo, N. Y.

5693—Guards (Grain Lifter)

Blocki F. Co., Sheboygan, Wis.
Eckhardt Mfg. Co. ("Buffalo"), 2300 University av W, St. Paul, Minn.
Franzmeier Louis, Timothy, Wis.
Gaterman Mfg. Co. (For Binders & Mowers), Manitowoc, Wis.
Hamachek Frank ("Ideal"), Kewaunee, Wis.
Hirsch Bros., 267 Reed, Milwaukee, Wis.
Noll Bros., 849 Allis, Milwaukee, Wis.
Seidl-Best Mower & Harvester Guard Co., Milwaukee, Wis.

5694— Guards (Hub)

Lanz M. & Sons (For Telegraph Poles), 2907 Carson, Pittsburgh, Pa.

5695— *Guards (Jointer)

Lockhart-Hodge Co., Inc., 12 Waverly, Buffalo, N. Y.

5696— Guards (Key Hole)

Schroeder J. B. & Co. ("Schroeder"), 133 E 5th, Cincinnati, O.

5697— Guards (Manhole)

Bissell F. Co. ("Security"), Toledo, O.
Hallett Iron Works ("Hallett"), Harvey, Ill.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Universal Cable Grip Co., Syracuse, N. Y.

5698—Guards (Motor Cycle Chain & Sprocket)

GUEDER, PAESCHKE & FREY CO. (Stamped), Milwaukee, Wis.
See adv index at end of book

5699—Guards (Mower & Reaper)

Gaterman Mfg. Co., Manitowoc, Wis.
Henry & Allen, Auburn, N. Y.
Herschel R. Mfg. Co., Peoria, Ill.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book

5700— Guards (Mud)

For Bicycles, Motorcycles, etc

McKinney Jas. & Son, Albany, N. Y.
STANDARD PARTS CO. (Bicycle & Motorcycle Steel), Cleveland, O.
See adv index at end of book

5701—Guards (Nose, Football)

Goodrich B. F. Co. (Rubber), Akron, O.

Guards (Portable Lamp)

See Lamp Guards

5702— Guards (Safety Car)

McGuire-Cummings Mfg. Co. (Coil Spring Safety Guards Used Between Cars), Harris Trust & Savings bldg, Chicago, Ill.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

5703— Guards (Saw)

Bass Bros. (Ceiling Suspended Wire Hood Circular), 82 Walker, New York
Champion Machinery Co. ("Champion" Automatic Flexible), Joliet, Ill.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Huther Bros. Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
Northern Machin'y Co., 503 S 6th, Minneapolis, Minn.
Lockhart-Hodge Co., Inc., 12 Waverly, Buffalo, N. Y.
Oliver Machinery Co. ("Oliver"). Grand Rapids, Mich.
Phillips Mfg. Co. ("Phillips No-Kick"), Orlando, Fla.
Porter C. O. Machinery Co., Grand Rapids, Mich.
Surty Guard Co., 62 E Lake, Chicago, Ill.
Zeiller & Nagel ("Wire Hood" for Circular Saws), 233 Java, Brooklyn, N. Y.

5704— Guards (Shaper)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Huther Bros Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Lockhart-Hodge Co., Inc., 12 Waverly, Buffalo, N. Y.
Racine Tool & Machine Co. (For Wood Shapers), Racine, Wis.
See adv index at end of book
Zeiller & Nagel ("Simplex"), 233 Java, Brooklyn, N. Y.

5704a— *Guards (Skylight)

Cyclone Fence Co., Waukegon, Ill.
ESTEY WIRE WORKS CO., 34 Cliff, New York. *See adv index at end of book*
Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
RACINE TOOL & MACHINE CO. (For Woodshapers), Racine, Wis.
See adv index at end of book

5704b— *Guards (Tree)

See also Iron Railings & Fences; also Wire Fences & Gates

Page Steel & Wire Co., Adrian, Mich.
See adv index at end of book

5705— Guards (Trolley)

Automatic Trolley Guard Co., 65 Carroll, Buffalo, N. Y.
National Railroad Trolley Guard Co., Olean, N. Y.
Ohio Brass Co., Mansfield, O.

5706—Guards (Wheel or Corner)

(For Protecting Walls from Wagon Wheels)

Auer John Jr. (Wrought Iron), 197 Middleton, Brooklyn, N. Y.
Canton Foundry & Machine Co. (Cast Iron for Buildings), Canton, O.
Casey-Hedges Co., Chattanooga, Tenn.
Central Foundry Co., 90 West, New York
Kramer Bros. Foundry Co., Dayton, O.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Republic Structural Iron Wks. Co., 1350 E 53d, Cleveland, O.
Smith A. L. Iron Wks., Chelsea, Mass.
Smith F. P. Wire & Iron Works, 2346-48 Clybourn av, Chicago, Ill.
See adv index at end of book
TYLER W. S. CO., Cleveland, O.
See adv index at end of book

Guards (Window)

See Grilles, Various Kinds

5707—Guards (Wire Machine)

Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
Deschauer Wire & Iron Wks., 2009 Larrabee, Chicago, Ill.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Norwich Wire Works, Norwich, N. Y.
Smith A. L. Iron Wks., Chelsea, Mass.
Smith F. P. Wire & Iron Works, 2346-48 Clybourn av, Chicago, Ill.
See adv index at end of book
WRIGHT WIRE CO., Worcester, Mass.
See adv index at end of book

5708—Guards & Safety Devices (Machinery)

(Attachments for Preventing Accidents to Workmen)

Acme Guard Co. ("Jones"), 150 Nassau, New York
Anchor Post & Iron Works, 167 B'way, New York
For branch offices see Alphabetical Section
Bastian - Blessing Co. (Oxy - Acetylene Regulator), 125 W Austin av, Chicago, Ill.
BENJAMIN ELECTRIC MFG. CO. (Attachment for preventing accidents on Presses, Punches, etc), 128 S Sangamon, Chicago, Ill.
See adv index at end of book
Bishop-Babcock-Becker Co. (Oxy-Acetylene Regulator), Cleveland, O.
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.
Chapman Wm. O. Co., 30 Church, New York
Colonial Supply Co., 414 1st av, Pittsburgh, Pa.
Corbin Cabinet Lock Co. (Safety Press Guards), New Britain, Conn.
Davidoff J. (Safety Guards for Typesetting Machines), 733 Lafayette av, Brooklyn, N. Y.
ESTEY WIRE WORK CO., 34 Cliff, New York *See adv index at end of book*
GEUDER, PAESCHKE & FREY CO. ("Cream City" Attachment for preventing accidents on Presses, Punches, etc), Milwaukee, Wis.
See adv index at end of book
Grammes L. F. & Sons (Attachment for preventing accidents on Saw Machinery, Circular Saws, Jointers, Shapers, Punch Presses, etc), Allentown, Pa.
See adv index at end of book
Huntington Iron Works (Metal Guards), Huntington, W. Va.
Lock H. A. Co. (Guards), 243 44th, B'klyn, N. Y.
Lockhart-Hodge Co., Inc. ("Jones" Safety Guard for Preventing Accidents on Wood Working Machinery), 12 Waverly, Buffalo, N. Y.
Nazareth Foundry & Machine Co., Nazareth, Pa.
Norwich Wire Works, Norwich, N. Y.
Page Steel & Wire Co., Adrian, Mich.
See adv index at end of book
Prentice G. E. Mfg. Co., New Britain, Conn.
Ready Tool Co. ("Safety Belt Stick"), Bridgeport, Conn.
Smith A. L. Iron Works, Chelsea, Mass.
VAILE & YOUNG, S W corner Bush & Ridgely, Baltimore, Md.
WRIGHT WIRE CO., Worcester, Mass.
See adv index at end of book

5708a—*Guards & Safety Devices (for Perforated Metal)

Erdle Perforating Co., 181 York, Rochester, N. Y. *See adv index at end of book*

5709— Gudgeons

Alloy Steel Forging Co., Carnegie, Pa.
American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.

5710— Guides (Belt)

Maytag Co., Newton, Ia.

5711— Guides (Cloth Dryer)

Schwartz L. H. A. & Co. (Automatic), 40 Central, Boston, Mass.

5712— Guides (Elevator)

Standard Gauge Steel Co. (Compressed Steel & Finished Tees), Beaver Falls, Pa.

5713— Guides (Lever)

Steel Car Forge Co., Pittsburgh, Pa.

5714— Guides (Saw)

American Sawmill Machinery Co. ("American"), Hackettstown, N. J.
American Wood Working Machy. Co., Rochester, N. Y.
Atkins E. C. & Co., Indianapolis, Ind.
Baldwin, Tuthill & Bolton (For Band Saws), Grand Rapids, Mich.
Crescent Machine Co. (Circular), Leetonia, O.
Disston Henry & Sons (Inc.) (Saw Filing), Tacony, Phila., Pa.
Filer & Stowell Co., Milwaukee, Wis.
Henderson W. K. Iron Works & Supply Co., Shreveport, La.
Howell R. R. & Co., 31st av, Minneapolis, Minn.
Lane Mfg. Co., Montpelier, Vt.
Murray D. J. Mfg. Co., Wausau, Wis.
New Britain Machine Co. ("Pineo" Band Saw), 190 Chestnut, New Britain, Conn.
Ohlen J. & Sons Saw Mfg. Co., 931 Factory, Columbus, O.
Overholt Co., Galesburg, Ill.
Reed Hardware & Mfg. Co. ("Hoo-Hoo"), Cairo, Ill.
Salem Iron Works, Winston-Salem, N. C.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Southern Engine & Boiler Works, Jackson, Tenn.
Standard Saw Mill Machinery Co., Erie, Pa.
Union Drawn Steel Co., Beaver Falls, Pa.
Union Iron Works, Bangor, Me.
Wickes Bros., Saginaw, Mich.
See adv index at end of book
Wright Chas. E. Co. (For Band Saws & Re-Saws), Kenilworth, N. J.

5715— Guides (Tank Valve)

Wolverine Brass Works (Adjustable), Grand Rapids, Mich.

5716— Guides (Wire Mill)

Pittsburgh Iron & Steel Foundries, Midland, Pa.

5717—Gum Arabic Importers

Amerman & Patterson, 21 State, New York
Anderson P. E. & Co., 99 John, New York
Arnold, Cheney & Co., 82 Beaver, New York
Arnold, Hoffman & Co., 55 Canal, Providence, R. I.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Jacob Chas. W. & Allison, 18 Cedar, New York
National Aniline & Chemical Co., 21 Burling Sip, New York
Salomon L. A. & Bro., 216 Pearl, New York
Scheel Wm. H., 159 Maiden la, New York
Strahl & Pitsch, 141 Front, New York
Thurston & Braidich, 27 Cliff, New York
Wolf Jacques & Co., Passaic, N. J.
Worden Chemical Works, 4 Cedar, New York

5718— Gum (Envelope)

Glover Horatio N. & Son, Mattapan, Boston, Mass.

5719— Gum (Finishing)

Leyland Thos. & Co., Readville, Boston, Mass.
Wolf Jacques & Co., Passaic, N. J.

5720—Gum (Splicing, Pure Rubber)

Clifton Mfg. Co., 65 Brookside av, Jamaica Plain, Boston, Mass.
Consumers Rubber Co. ("Samson"), Cleveland, Ohio
Standard Woven Fabric Co., Walpole, Mass.

5721— Gum Substitutes

Glover Horatio N. & Son, Mattapan, Boston, Mass.
Wolf Jacques & Co., Passaic, N. J.

5722— Gum-Lac

Ball Chemical Co. (A Pure Gum & Spirit Varnish), Fulton bldg, Pittsburgh, Pa.

5723— Gummers (Saw)

Adams W. T. Machine Co., Corinth, Miss.
Ajax Mfg. Co. ("Standard," "I X L"), 848 Jackson, Pittsburgh, Pa.
Amer. Woodworking Mach. Co., Rochester, N. Y.
Atkins E. C. & Co., Indianapolis, Ind.
California Saw Works, 721 Brennan, San Francisco, Cal.
Challoner Co., Oshkosh, Wis.
Clizbe Bros. Mfg. Co. ("Crown"), Plymouth, Ind.
Covel Mfg. Co., Benton Harbor, Mich.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Diamond Machine Co. ("Diamond"), Providence, R. I.
Disston Henry & Sons ("Victor" Self-Feeding, etc), Tacony, Phila., Pa.
Emerson, Smith & Co., Beaver Falls, Pa.
Fisher & Davis Mfg. Co., St. Louis, Mo.
Gerlach Peter Co., ("Gerlach," for Cylinder, Resaw, Heading, Siding, Shingle, Veneer, etc), 1712 Winter, Cleveland, O.
Henderson W. K. Iron Works & Supply Co., Shreveport, La.
Hinds Thos. Co. (Band Saws), Malone, N. Y.
Hoe R. & Co., 504 Grand, New York
Howell R. R. & Co., 31st av, Minneapolis, Minn.
Mixter J. W. Saw Tool Co., ("Mixter Champion," with Automatic Self-Feed, "Peerless" Reamer), Plymouth, Mass.

Reed Hardware & Mfg. Co. (The Hoo-Hoo Saw Gummer & Sharpener), Cairo,, Ill.
Riverside Machine Works (Crescent), Kokomo, Ind.
Rogers Samuel C. & Co., 10 Lock, Buffalo, N. Y.
Southern Saw Works, East Point, Ga.
Tanite Co. ("Densmore"), Stroudsburg, Pa.
Valley City Machine Works (Bench & Saw), Grand Rapids, Mich.

5723a— *Gun Cotton

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

5723b—*Gun Cotton Apparatus

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

5724-5—Gun Fire Control System

Sperry Gyroscope Co., 40 Flatbush av extension, Brooklyn, N. Y.

Gun Implements

See Tools, Gun Cleaning & Re-Loading

Gun Mfrs.

See Rifles, Guns, etc

5726—*Gunpowder (All Kinds)

See also Dynamite, Blasting Powder & Blasting Supplies
DU PONT DE NEMOURS & CO. (E. J.), Wilmington, Del.
For branch offices see Alphabetical Section

5727—Gun Recoil Pads (Rubber)

Chamberlin Cartridge & Target Co., Cleveland, O.
Essex Rubber Co., Trenton, N. J.
Goodrich B. F. Co., Akron, O.

5728— Guns (Aeroplane)

General Ordnance Co., Derby, Conn.
Maxim Munitions Corpn., Equitable bldg, New York

5729— Guns (Cement)

Cement Gun Co., Allentown, Pa.
Cement Gun Construction Co., 914 S Michigan av, Chicago, Ill.
See adv index at end of book
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
New England Cement Gun Co., 12 West, Boston, Mass.

Guns (Grease)

See Oil & Grease, Guns & Syringes

5730— Guns (Insect)

Houchin Thos. W. Co. ("Houchin," "Blizzard," "Jumbo," "Tornado," "Lightning," "Defender," "Cyclone," "Floradora"), 36 E 12th, New York

5731—Guns (Line Throwing)

Coston Signal Co. ("Coston" Lyle System), 24 Water, New York

Guns (Machine)

See Ordnance, Light & Heavy

5731a— *Guns (Toy)

Estes E. B. & Sons (Woolen), 364 5th av, New York
See adv index at end of book

Guns (Yacht)

See Cannon, Yacht

5732— Gutta Percha

Aldens' Successors (Ltd.), 290 B'way, New York
Bishop Gutta Percha Co., 420 E 25th, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

5733— Gypsum Mfrs.

See also Plaster Manufacturers, Wall
Acme Cement Plaster Co., Frisco bldg, St. Louis, Mo.
American Gypsum Co. (Crude & Crushed for Cement), Rochester, N. Y.
Arizona Gypsum Plaster Co., Douglas, Ariz.
Cardiff Gypsum Plaster Co., Fort Dodge, Ia.
Consolidated Pacific Cement Plaster Co., Amboy, Cal.
Grand Rapids Plaster Co., Grand Rapids, Mich.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Keystone Plaster Co., Chester, Pa.
Lycoming Calcining Co., Williamsport, Pa.
Niagara Gypsum Co., Buffalo, N. Y.
Pacific Coast Gypsum Co., Tacoma, Wash.
Pacific Portland Cement Co., Cons'd Pacific bldg, San Francisco, Cal.
Plymouth Gypsum Co., Fort Dodge, Ia.
Red Buttes Cement & Plaster Co., Denver, Colo.
Southern Gypsum Co., North Holston, Va.

5734-5— Gyrators

Wolf Co., Chambersburg, Pa.

Hack Saws

See Saw Blades & Frames, Hack, also Hack Saw Machines

5736— Hair (Badger)

Topper & Edelmann, 525 Stone av, Brooklyn, N. Y.

5736a— Hair Brush Guards

The Arlington Works (E. I. du Pont de Nemours & Co.), 21 E 40th, New York

5736b— *Hair Brushes

See also Brushes (Hat, Cloth & Hair)

SCHIMPER WM. & CO., 322-338 Ferry, Hoboken, N. J. & 33 Union sq. West, New York

5737— Hair (Cattle)

Caplan S. & Co., 80 Pine, New York
Grover John D. & Son, Somerset & Tulip, Philadelphia, Pa.
Harburger & Stack, 27 Ferry, New York
Hartman Bros., Inc., 641 Atlantic av, Boston, Mass.
Ritchie Geo. B. & Co. (Imp), 57 Ferry, New York

5738— Hair Cloth Mfrs.

American Hair Cloth Co., Pawtucket, R. I.
Cox Geo. S. & Bro., Cambria & Ornes, Phila., Pa.
Davidson M. I. Co., 1100 Shackamaxon, Phila., Pa.
Feldstein Chas. H. Co., 1839 Madison, Phila., Pa.
Gordon Bros., Pierce & Orthodox, Phila., Pa.
Kensington Hair Cloth Co., Palethorp & Somerset, Phila., Pa.
Mawson Jno. Haircloth Co., Venango, E of Kensington, Phila., Pa.
Michie Andrew Y., 5th & Columbia, Phila., Pa.
Minaret Mills, Cambria & Ormes, Phil., Pa.
National Hair Cloth Co., 2950 N Jasper, Phila., Pa.
Niagara Falls Hair Cloth Works, Niagara Falls, N. Y.
Reetz Ewald R., Hulmeville, Pa.
Schadewald Mills, 3d & Huntington, Phila., Pa.
Scheiter Jos. J. & Co., 3d & Huntington, Phila., Pa.
Schwehms' John M. Sons, 13 Wister, Phila., Pa.
Zeidman Co., 223 S Desplaines, Chicago, Ill.

5739— Hair (Curled)

American Glue Co., 121 Beverly, Boston, Mass.
Armour Curled Hair & Felt Works, 3131 Benson, Chicago, Ill.
Barker Jas., 6th & Cayuga, Phila., Pa.
Blehdon V. R., Brisbane bldg, Buffalo, N. Y.
Coghlan Jos. T., Drexel bldg, Phila., Pa.
Cudahy Packing Co., 111 W Monroe, Chicago, Ill.
Delany & Co., 209 N 3d, Phila., Pa.
Gem Hammock & Fly Net Co., 326 Florida, Milwaukee, Wis.
Gordon Bros., Pierce & Orthodox, Phila., Pa.
Grover J. D. & Son, Somerset & Tulip, Philadelphia, Pa.
Horwich, Vitkin Co. (Catte Hair), 2301 S Paulina, Chicago, Ill.
Mitchell P. R. Co., Harrison & Spring Grove av, Cincinnati, O.
Pacific Coast Beef & Provision Co., Los Angeles, Cal.
Reardon Glue Mfg. Co., 2nd & Clinton, St. Louis, Mo.
Smith Oscar & Sons Co., 310 Spruce, Phila., Pa.
Swift & Co., Union Stock Yards, Chicago, Ill.
Tunnell F. W. & Co., 15 N 5th, Phila., Pa.
Walpert Fred & Co. (Steam), 106 N Gay, Baltimore, Md.
Wilkens Wm. Co. Frederick av & Wilkens, Baltimore, Md.
Willcomb Geo. Co., 28 E 22nd, New York
Wilson & Co., 41 st & Ashland av, Chicago, Ill.
Woll F. P. & Co., Church & Tacony, Phila., Pa.
Woll Peter & Sons Mfg. Co., Mascher & Berks, Phila., Pa.
Zeidman Co., 223 S Desplaines, Chicago, Ill.

5740—Hair Dryers (Electric)

Arnold Electric Co., Racine, Wis.
Birtman C. F., 163 N Wabash, Chicago, Ill.
Birtman Electric Co. ("Bee"), W Randolph, Chicago, Ill.
Camp Co. ("Invincible"), La Crosse, Wis.
Electric Mfg. Co., 59 New Montgomery, San Francisco, Cal.
Geier P. A. Co. ("Royal"), Cleveland, O.
Halliwell & Co., 64 E 12th, New York
Horn Electric Co., 110 S Desplaines, Chicago, Ill.
Lindstrom Smith Co. ("White Cross"), 1104 S Wabash av, Chicago, Ill.
Meyer Wm. Co., 817 Washington, Chicago,, Ill.
Sanax Co. ("Foen"), 125 E 23rd, New York
Shelton Electric Co., 30 E 42d, New York
Wisconsin Electric Co. ("Dumore"), 1600 Junction av, Racine, Wis.
See adv index at end of book

5741— Hair (Goat)

Caplan S. & Co., 80 Pine, New York
Eaton, Schleich & Woll (Imp), 97 Maiden la, New York
Goldstone Joseph, 335 B'way, New York
Hamburger H. (Imp.), 86 John, New York
Norden A. & Co. (Imp), 60 Beaver, New York
Polack Co. (Imp), 249 Pearl, New York
Ritchie Geo. B. & Co. (Imp), 57 Ferry, New York

5742— Hair (Horse)

Apelt Hermann (Imp.), 76 Wall, New York
Caplan S. & Co., 80 Pine, New York
Cone Fred H. & Co. (Imp.), 181 Front, New York
Eaton, Schleich & Woll, 97 Maiden la, New York
Goldstone Joseph, 335 Broadway, New York
Harburger & Stack, 27 Ferry, New York
Hartman Bros., Inc. (Imp.), 641 Atlantic av, Boston, Mass.
Hamburger H. (Imp.), 86 John, New York
Horwich, Vitkin Co., 2301 S Paulina, Chicago, Ill.
Klebansky Wolf, 246 S 3d, Phila., Pa.
Norden A. & Co. (Imp), 60 Beaver, New York
Nositzer Barnet (Imp), 307 Pearl, New York
Polack Co. (Imp), 249 Pearl, New York
Ritchie Geo. B. & Co. (Imp), 57 Ferry, New York
Rosenhirsch H. Co., 10 Goddard, Providence, R. I.
Schenkler Philip, 2060 Bergen, Brooklyn, N. Y.
Topper & Edelmann, 525 Stone av, Brooklyn, N. Y.
Willcomb Geo. Co. ("South American"), 60 Chardon, Boston, Mass.

5743— Halters

Alexandria Halter Factory (Rope, Leather & Web), Alexandria, O.
Badger Handle Co., 323 E Water, S. Milwaukee, Wis.
Buffalo Weaving & Belting Co. (Web), Buffalo, N. Y.
California Tanning Co. (Leather), 1905 Shenandoah av, St. Louis, Mo.
Cooper Otway (Rope), Urbana, O.
Covert Mfg. Co. (Rope & Web), Troy, N. Y.
Covert Saddlery Works (Rope, Web & Leather), Interlaken, N. Y.
Excelsior Bag & Mfg. Co. (Horse's Feed Bag), Troy, N. Y.
Franklin Cotton Mill Co. (Web), Plum & Charles, Cincinnati, O.
Gem Hammock & Fly Net Co. (Leather), 326 Florida, Milwaukee, Wis.
Grand Island Tannery & Halter Co., Grand Island, Neb.
Graton & Knight Mfg. Co. (Leather), Worcester, Mass.
Green Halter Co., Urbana, O.
Holyoke Halter Mfg. Co. (Leather), Holyoke, Mass.
Langstroth T. W., 79 Warren, New York
National Leather Mfg. Co. (Leather), Niles, Mich.
Nott W. S. Co. (Leather Fabric), 2d av N & 3d, Minneapolis, Minn.
Planet Co. (Web), Westfield, Mass.
Rose P. & Sons, 9 S Howard, Baltimore, Md.
Rugg E. T. & Co. (Leather, Rope & Web), Newark, O.
Russell Mfg. Co. (Web), Middletown, Conn.
Schenkler Philip, 2060 Bergen, Brooklyn, N. Y.
Sells J. H. & F. A. Co. (Rope & Leather), Chestnut & Pearl, Columbus, O.
Western Rawhide & Belting Co. (Leather), 600 So Pierce, Milwaukee, Wis.
Workman H. B. Co. (Web), Lititz, Pa.

5744—Hames (Hard Rubber Covered)

Rubber & Celluloid Harness Trimming Co., 56 Ferry, Newark, N. J.

5745—Hames (Mine & Lumbering)

Beagle Hame Works, Freeland, Pa.
Hoch Hames Co., Hazelton, Pa.
Kugler Clarence B. Jr. & Co., Land Title bldg, Phila., Pa.
Olewine Wm. & Son, Hazelton, Pa.
Pittsburgh Harness Supply Co., 325 Penn av, Pittsburgh, Pa.
U. S. Hame Co., Buffalo, N. Y.

5746—Hames (Steel & Wood)

American Hame & Bit Co., 59 N J R R av, Newark, N. J.
Bellefontaine Hame Co., Bellefontaine, O.
Berry Chas. E. (Steel), Somerville, Mass.
Easterbrook Wm. Jr. & Bro. (Metal), 311 Cherry, Phila., Pa.
Frazer & Jones Co. ("Staple Brand" Steel Only), Syracuse, N. Y.
Hale Geo. C. (Steel), Kansas City, Mo.
Kelsay Newton (Wood), Evansville, Ind.
Nixdorff-Krein Mfg. Co. (Wood), 900 Howard, St. Louis, Mo.
Sargeant Mfg. Co. (Steel), 79 Summit, Newark, N. J.
Sherman Hame Co. (Wood), Sherman, Tex.
Smith F. H. Mfg. Co. (Steel), 3047 Carroll av, Chicago, Ill.
Star Hame Mfg. Co. (Wood, Iron Trimmed), Blanchester, O.
U. S. Hame Co. (All Kinds of Steel & Wood, Coach & Gig), Buffalo, N. Y.

Hammers (Air)

See Pneumatic Hammers, various kinds

Hammers (Automobile)

See Hammers, Machinists

5747— Hammers (Belt)

Manufacturers' Belt Hook Co. ("L X"), 1321 W Congress, Chicago, Ill.

5748—*Hammers (Belt Driven)

See also Hammers, Power

Beaudry & Co., 141 Milk, Boston, Mass.
Bradley C. C. & Son, Syracuse, N. Y.
United Hammer Co. ("Fairbanks"), 141 Milk, Boston, Mass.

5749—Hammers (Bench Drop)

Meriden Press & Drop Co. ("Merriman"), Meriden, Conn.

Hammers (Blacksmiths')

See Hammers, Heavy

5750—*Hammers (Blacksmiths', Foot Power)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

5751—Hammers (Board Drop)

BLISS E. W. CO., 19 Adams, B'klyn, N. Y.
See adv index at end of book
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Chambersburg Engineering Co., Chambersburg, Pa.
Garrison A. Fdry. Co., 901 Bingham, Pittsburgh, Pa.
United Engineering & Fdry. Co. ("Pittsburg"), 307 5th av, Pittsburgh, Pa.
Williams White & Co. (Friction), Moline, Ill.

Hammers (Boiler Makers')

See Hammers, Heavy
Also Pneumatic Boiler Makers' Hammers

5752— Hammers (Brass)

Goodell-Pratt Co., Greenfield, Mass.
Warren Tool & Forge Co. (Hand), Warren, O.

Hammers (Bricklayers')

See Hammers, Masons' & Bricklayers'

Hammers (Bush)

See Hammers, Stone Cutters'

5753—Hammers (Carpet Layers')

Braunsdorf-Mueller Co., Elizabeth, N. J.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.

5754—Hammers (Chain Welding)

Turner, Vaughn & Taylor Co. (Foot & Power), Cuyahoga Falls, Ohio

5755— Hammers (Chipping)

Chicago Pneumatic Tool Co. ("Byer," "Keller"), Fisher bldg, Chicago, Ill. *See adv index at end of book*
Coates Clipper Mfg. Co. (Electric), Worcester, Mass.
Eagle Tool Works, Bayonne, N. J.
Germantown Tool Works (Machinists, etc.), 520 Commerce, Phila., Pa.
Maydole David Hammer Co. (Crucible Steel), Norwich, N. Y.
Phillips F. & Son, 1336 Greenmount av, Baltimore, Md.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.

Hammers (Claw)

See Hammers, Nail

5756—Hammers (Concrete Bush)

See Hammers, Bush

5757—Hammers (Concrete Tooling)

Phillips F. & Son, 1336 Greenmount av, Baltimore, Md.
Ransome Concrete Machinery Co., 115 B'way, New York

5758—Hammers (Confectioners')

Walker C. S. & Co. (And Hatchet Combined), 656 W 12th, Erie, Pa.

5759— Hammers (Coopers')

Drew C. & Co., Kingston, Mass.
Germantown Tool Works (Solid Forged), 520 Commerce, Phila., Pa.
Maydole David Hammer Co., Norwich, N. Y.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Warren Tool & Forge Co. (Handled), Warren, O.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

5760— Hammers (Copper)

Eureka Co., North East, Pa.
Graham Jas. & Co., New Haven, Conn.
Hungerford U. T. Brass & Cooper Co., 80 Lafayette, New York
Hussey C. G. & Co., 2850 2nd av, Pittsburgh, Pa.
McNab & Harlin Mfg. Co., 55 John, New York
Merchant & Evans Co., 2035 Washington av, Phila., Pa. *See adv index at end of book*
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
Phila. Metal Prodts. Co. (Jobbers), Broad & Cherry, Phila., Pa.

5761-2—Hammers (Coppering)

Wilcox, Crittenden & Co., Middletown, Conn.

Hammers (Drilling)

See Hammers, Heavy

5763— Hammers (Drop)

See also Presses, Drop
Alliance Machine Co., Alliance, O.
Atlas Mfg. Co., Fostoria, O.
Bethlehem Steel Co. (Steam), South Bethlehem, Pa.
Billings & Spencer Co. ("B. & S."), Hartford, Conn.
BLISS E. W. Co., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
BUFFALO FOUNDRY & MACHINE CO., ("Bell"), 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*
Cady Machine Co., Cleveland, O.
Canton Foundry & Machine Co. ("Universal," for Sheet Metal Dies), Canton, O.
Chambersburg Engineering Co. (Steam), Chambersburg, Pa.
Coulter & McKenzie Machine Co., Bridgeport, Conn.
ERIE FOUNDRY CO. ("Erie," Steam), Erie, Pa.
Henderson Machine Co., 5032 Germantown av, Phila., Pa.
Kane & Roach, Syracuse, N. Y.
Massillon Foundry & Machine Co. ("Massillon" Steam), Massillon, O.
Meriden Press & Drop Co. ("Merriman" Drop, Heavy Forged), Meriden, Conn.
MERRILL BROS., 3 Arnold, Maspeth (Borough of Queens), New York. *See adv index at end of book*
Miner & Peck Mfg. Co., New Haven, Conn.
MORGAN ENGINEERING CO., Alliance, Ohio *See adv index at end of book*
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*
Niles-Bement-Pond Co., 111 B'way, New York
Perkins Machine Co. (Hand Power & Compressed Air), Warren, Mass.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
San Francisco Engineering Co., 322 6th, San Francisco, Cal.
Standard Machinery Co., Providence, R. I.
Toledo Machine & Tool Co. ("Toledo"), Toledo, O.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
Williams, White & Co. (Crank Lift & Twin Drop), Moline, Ill.

5764—Hammers (Drop Forged)

Vlchek Tool Co. ("Vlchek"), 10711 Quincy av, Cleveland, O.

5765— Hammers (Electric)

Chicago Pneumatic Tool Co. ("Duntley"), Fisher bldg, Chicago, Ill. *See adv index at end of book*
Electro & Magnetic Tool Co. (For Drilling, Chipping & Surfacing of Concrete, Brick, Stone), 2902 Carroll, Chicago, Ill.
Manitowoc Electric Implement Co., Manitowoc, Wis.

5766—Hammers (Engineers' or Plow)

Champion Tool Co. ("Champion"), Meadville, Pa.
Cheney Henry Hammer Co., Little Falls, N. Y.
Maydole David Hammer Co., Norwich, N. Y.
Peck, Stow & Wilcox Co., Southington, Conn.
Vlchek Tool Co. ("Vlchek," Set), 10711 Quincy av, Cleveland, O.
Warner Hammer Co., Cromwell, Conn.
Warren Tool & Forge Co. (Hand), Warren, O.

5767—Hammers (Farriers' & Horseshoers')

Champion Tool Co. ("Clean Claw," "Critics," "Standard," "Scotch," "Driving," "Maud S" Rounding Electric & "Mallery" Sharpening for Anvils), Meadville, Pa.
Cheney Henry Hammer Co., Little Falls, N. Y.
Evansville Tool Works, Evansville, Ind.
Germantown Tool Works (Solid Forged), 520 Commerce, Phila., Pa.
Heller Bros. Co., 879 Mt. Prospect av, Newark, N. J.
Maydole David Hammer Co., Norwich, N. Y.
Peck, Stow & Wilcox Co., Southington, Conn.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Van Doren Mfg. Co. ("Vandor" Drop Forged), Chicago Heights, Ill.

5768—Hammers (Foot Power)

Turner Vaughn & Taylor Co. (Chain Welding), Cuyahoga Falls, O. *See adv index at end of book*
Vulcan Iron Works Co. ("Vulcan"), Mason City, Ia.

Hammers (Granite Cutters')

See Hammers, Stone Cutters'

5769—Hammers (Heavy, Blacksmiths', Mauls, Etc.)

Beall Bros. (Flatters, Set, etc), Alton, Ill.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Collins Co., Collinsville, Conn.
Evansville Tool Works, Evansville, Ind.
Fisher & Norris (Hand Made), Trenton, N. J.
Fulton Tool Works, Canal Fulton, O.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Ingersoll-Rand Co., 11 B'way, New York *See adv index at end of book*
Iron City Tool Works, Ltd., 3201 Smallman, Pittsburgh, Pa.
Isele A. W. & Son, 51 Pitt, Boston, Mass.
Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.
Maydole David Hammer Co., Norwich, N. Y.
Plumb Fayette R. (Inc.), Tucker & James, Phila., Pa.
Prentiss Henry & Co., Inc. (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York *See adv index at end of book*
Racky Albert C., 531 S 5th av, Chicago, Ill.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Van Doren Mfg. Co. ("Vandor" Drop Forged), Chicago Heights, Ill.
Vaughan & Bushnell Mfg. Co. ("V. & B."), 2114 Carroll av, Chicago, Ill.
Verona Tool Works, Oliver bldg, Pittsburgh, Pa., & Verona, Pa.
Warner Hammer Co., Cromwell, Conn.
Warren Tool & Forge Co. (Hand, Striking & Napping), Warren, O.
Warwood Tool Co., Warwood, Wheeling, W. Va.
What Cheer Tool Co., What Cheer, Ia.

5770— Hammers (Helve)

Armstrong Mfg. Co. ("Helva"), Waterloo, Ia.
Bradley C. C. & Son (Cushioned), Syracuse, N. Y.
Long & Allstatter Co. (Adjustable Cushioned, Belt, Motor or Steam Driven), Hamilton, O.
Niles-Bement-Pond Co. (Rubber Cushioned), 111 B'way, New York
Novelty Iron Wks. Co., Dyersville, Ia.
West Tire Setter Co. ("Rochester"), Rochester, N. Y.

5771—Hammers (Interchangeable)

Greene, Tweed & Co. ("The Colvin," with Rawhide, Wood or Copper Head), 109 Duane, New York

5772— Hammers (Justice)

Williams, White & Co., Moline, Ill.

5773—*Hammers (Lead & Alloy)

U. S. INDESTRUCTIBLE GASKET CO., Church & Fulton, New York *See adv index at end of book*

5774—*Hammers (Locomotive Frame Welding)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*
MORGAN ENGINEERING CO., Alliance, Ohio *See adv index at end of book*

5775—Hammers (Macadamizing)

Beall Bros., Alton, Ill.
Evansville Tool Works, Evansville, Ind.
Stanley Rule & Level Co. (Atha Division), New Britain Conn.
Warren Tool & Forge Co., Warren, O.

5776—Hammers (Machinists')

Beall Bros., Alton, Ill.
Billings & Spencer Co. ("B & S" Drop Forged), Hartford, Conn.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Cheney Henry Hammer Co., Little Falls, N. Y.
Evansville Tool Works, Evansville, Ind.
Germantown Tool Works (Ball Pein, etc), 520 Commerce, Phila., Pa.
Maydole David Hammer Co. (Crucible Steel), Norwich, N. Y.
Peck, Stow & Wilcox Co., Southington, Conn.
Plumb Fayette R., Inc., Tucker & James, Philadelphia, Pa.
Sawyer Tool Mfg. Co., Ashburnham, Mass.
Smith H. D. & Co. ("Perfect Handle" Drop Forged), Plantsville, Conn.
Stanley Rule & Level Co., New Britain, Conn.
Strong, Carlisle & Hammond Co., 336-344 Frankfort av N W. Cleveland, O.
Thomson Drop Forge Co. (Ball Pein, Octogon), Plantsville, Conn.
Van Doren Mfg. Co. ("Vandor" Drop Forged), Chicago Heights, Ill.
Vaughan & Bushnell Mfg. Co. ("V. & B."), 2114 Carroll av, Chicago, Ill.
Vlchek Tool Co. ("Vlchek" Ball Pein, Drop Forged), 10711 Quincy av, Cleveland, Ohio
Warner-Hammer Co., Cromwell, Conn.
Westfield Plate Co. (Lead), Thompsonville, Conn.

5777—Hammers (Magnetic Tack, Etc.)

Arcade Mfg. Co., Freeport, Ill.
Robertson Arthur R. ("Horseshoe Magnet" Tack, Bill Posters, etc), 144 Oliver, Boston, Mass.
Rocky Hill Hardware Co., Rocky Hill, Conn.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Taplin Mfg. Co. ("Victor"), New Britain, Conn.

5778—Hammers (Masons' & Bricklayers')

Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.
Beall Bros., Alton, Ill.
Black John B. Co. (Also Bricklayers'), Chester, Pa.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Crescent Tool Mfg. Co. (Brick), 1002 Cass av, St. Louis, Mo.
Drew C. & Co., Kingston, Mass.
Evansville Tool Works, Evansville, Ind.
Germantown Tool Works (Brick & Adze Eye, Brick), 520 Commerce, Phila., Pa.
Iron City Tool Works, Ltd., 3201 Smallman, Pittsburgh, Pa.
Isele A. W. & Son, 51 Pitt, Boston, Mass.
Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.
Maydole David Hammer Co., Norwich, N. Y.
Phillips F. & Son, 1336 Greenmount av, Baltimore, Md.
Plumb Fayette R., Inc., Tucker & James, Philadelphia, Pa.
Stanley Rule & Level Co., New Britain, Conn.
Stortz Jno. & Son, 210 Vine, Phila., Pa.
Vlchek Tool Co. ("Vlchek" Drop Forged), 10711 Quincy av, Cleveland, O.
Vogl Tool Co., 912 E 19th, Kansas City, Mo.
Warner-Hammer Co., Cromwell, Conn.
Warren Tool & Forge Co. (With Teeth), Warren, O.
Warwood Tool Co., Warwood, Wheeling, W. Va.

5779— Hammers (Mill)

Brainard Crusher-Pulverizer Co., Old Colony bldg, Chicago, Ill.
Phillips F. & Son, 1336 Greenmount av, Baltimore, Md.

5780— Hammers (Nail)

Arcade Mfg. Co. (Cast), Freeport, Ill.
Cassady Fairbank Mfg. Co. ("Never-Slip"), 6126 S La Salle, Chicago, Ill.
Cheney Henry Hammer Co. ("Cheney"), Little Falls, N. Y.
Evansville Tool Works, Evansville, Ind.
Franklin Brass Foundry Co. ("Cracker Jack" Nickel Plated), Reading, Pa.
Germantown Tool Works, 520 Commerce, Phila., Pa.
Hammond C. & Son, Ogontz, Pa.
Maydole David Hammer Co., Norwich, N. Y.
Plumb Fayette R., Inc., Tucker & James, Philadelphia, Pa.
Rocky Hill Hardware Co., Rocky Hill, Conn.
Sargent & Company, New Haven, Conn.
Stanley Rule & Level Co., New Britain, Conn.
Stover Mfg. Co. ("Ideal," Cast), Freeport, Ill.
U. S. Lock & Hardware Co., Columbia, Pa.
Van Doren Mfg. Co. ("Vandor Drop Forged"), Chicago Heights, Ill.
Warner Hammer Co., Cromwell, Conn.

Hammers (Napping)

See Hammers, Heavy

5781— Hammers (Pavers')

Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.
Atkins E. C. & Co., Indianapolis, Ind.
Brunner & Lay, 570 W Polk, Chicago, Ill.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Crescent Tool Mfg. Co., 1002 Cass av, St. Louis, Mo.
Evansville Tool Works, Evansville, Ind.
Isele A. W. & Son, 51 Pitt, Boston, Mass.
Phillips F. & Son, 1336 Greenmount av, Baltimore, Md.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Stortz Jno. & Son, 210 Vine, Phila., Pa.
Western Tool & Forge Co., Brackenridge, Pa.

5782— Hammers (Piano)

Boston Piano Supply Co., B'way, Boston, Mass.
Crane Felt Mfg. Co., Belvidere, N. J.
Schmidt David H. Co., Poughkeepsie, N. Y.
Standard Felt Co., Alhambra, Cal.

5783-4—Hammers (Pile Drivers')

American Hoist & Derrick Co., St. Paul, Minn.
Bartlett A. F. & Co. ("Cram" Steam Hammer), Saginaw, Mich.
Browning Co., E 162nd & Waterloo rd, N. E., Cleveland, O.
Buffalo Hoist & Derrick Co., 131 Erie, **Buffalo, N. Y.**
See adv index at end of book
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
Dobbie Foundry & Machine Co., Niagara Falls, N. Y.
Goubert A. A., 90 West, New York
Industrial Works (Steam), Bay City, Mich.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
McCoy Henry J. ("New Monarch" Automatic Double Acting), 65 Dey, New York
Mundy J. S. Hoisting Engine Co., 722 Frelinghuysen av, Newark, N. J.
See adv index at end of book
National Hoisting Engine Co., Harrison, N. J.
National Iron Co., Duluth, Minn.
South St. Louis Foundry Co., 7514 S B'way, St. Louis, Mo.
Stroudsburg Engine Works, Stroudsburg, Pa.
Superior Iron Works Co., Superior, Wis.
Toledo Foundry & Machine Co., Toledo, O.
Union Iron Works ("Arnott" Steam), Hoboken, N. J.
Vulcan Iron Works ("Warrington" Steam & Drop), 327 N Irving av, Chicago, Ill.
Western Iron & Foundry Co., Wichita, Kans.

5785—Hammers (Plumbers')

Bernz Otto, 17-37 Ashland, Newark, N. J.
Buffum Tool Co. ("Swastika," Calking, etc), South Side, Louisiana, Mo.

5786— Hammers (Power)

See also Hammers, Steam

Beaudry & Co. ("Champion" "Peerless" Belt or Motor Driven), 141 Milk, Boston, Mass.
Bellefonte Engineering Co., Bellefonte, Pa.
Bradley C. C. & Son, Syracuse, N. Y.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Caldwell E. R. Co. ("Scranton"), Bradford, Pa.
Central Machine Works Co. (The "Force"), 1234 Central av, Minneapolis, Minn.
Champion Blower & Forge Co. ("Champion"), Lancaster, Pa.
Dienelt & Eisenhardt ("Dead Stroke" Spring), 1302 N Howard, Philadelphia, Pa.
FAIRBANKS CO. ("Fairbanks"), 416 Broome, New York
For branch houses see Alphabetical Section
Howe Scale Co., Rutland, Vt.
Iowa Steel & Iron Wks., Cedar Rapids, Ia.
Justice Philip S. & Co. ("Justice" Spring), 421 Chestnut, Phila., Pa.
Kane & Roach, Syracuse, N. Y.
Kerrihard Co. ("Kerrihard"), Red Oak, Iowa
Leonhardt Chas. ("Leonhardt" Adjustable), New Ulm, Minn.
Macgowan & Finigan Cordage Co. ("Perfect" Trip for Blacksmiths), Gay bldg, St. Louis, Mo.
Mayer Bros. Co. ("Little Giant" Motor Driven), Mankato, Minn.
MERRILL BROS. (Air Cushion), 3 Arnold, Maspeth (Borough of Queens), New York *See adv index at end of book*
Modern Sales Co. ("Little Iowa"), Hampton, Ia.
MORGAN ENGINEERING CO., Alliance, Ohio *See adv index at end of book*
Nazel Engineering & Machine Works ("Nazel" Belt or Motor Driven), 4049 N 5th, Phila., Pa.
Niles-Bement-Pond Co., 111 B'way, New York
Novelty Iron Works Co. ("Boss," "Helva"), Dyersville, Ia.
Quickwork Co. ("Quickwork"), St. Mary, Ohio
Turner, Vaughn & Taylor Co. (For Making Chain Only), Cuyahoga Falls, O.
See adv index at end of book
United Hammer Co. ("Fairbanks"), 141 Milk, Boston, Mass.
Vulcan Iron Works Co. ("Vulcan"), Mason City, Ia.
Wilcor Mfg. Co., 4824 W Lake, Chicago, Ill.

5787—Hammers (Prospecting)

Stanley Rule & Level Co. (Athos Division), New Britain, Conn.
Maydale David Hammer Co., Norwich, N. Y.
Warner Hammer Co., Cromwell, Conn.

5788—Hammers (Pulverizer)

Alloy Steel Forging Co., Carnegie, Pa.

Hammers (Rawhide)

See Mallets, Rawhide

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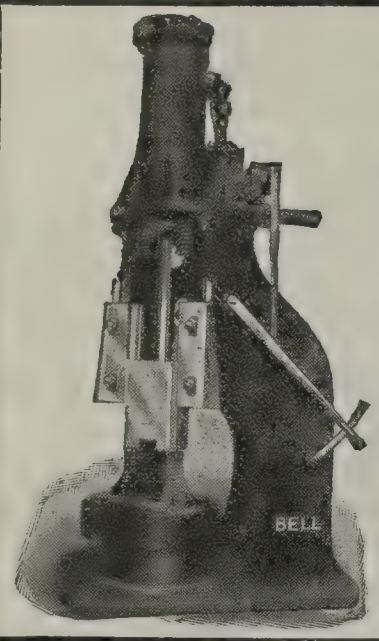

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BUFFALO FOUNDRY AND MACHINE CO.
65 Winchester Ave., Buffalo, N. Y.

5789— Hammers (Riveting)

See also Pneumatic Riveters

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Champion Tool Co. ("Champion"), Meadville, Pa.
Cheney Henry Hammer Co., Little Falls, N. Y.
Chicago Pneumatic Tool Co. ("Boyer," "Keller"), Fisher bldg, Chicago, Ill.
See adv index at end of book
Germantown Tool Works (Solid Forge), 520 Commerce, Phila., Pa.
Grey Iron Casting Co., Mt. Joy, Pa.
Hammond C. & Son, Ogontz, Pa.
High Speed Hammer Co. (Elastic Blow), Rochester, N. Y.
Maydole David Hammer Co. (Crucible Steel), Norwich, N. Y.
Peck, Stow & Wilcox Co., Southington, Conn.
Plumb Fayette R., Inc., Tucker & James, Philadelphia, Pa.
Reading Saddle & Mfg. Co. (Household), Reading, Pa.
Stanley Rule & Level Co., New Britain, Conn.
Van Doren Mfg. Co. ("Vandor" Drop Forged Semi, Adze Eye), Chicago Heights, Ill.
Vlchek Tool Co. ("Vlchek" Tinners', etc.), 10711 Quincy av, Cleveland, O.
Warner-Hammer Co., Cromwell, Conn.

5790—Hammers (Rotary Riveting)

High Speed Hammer Co., Rochester, N. Y.
Williams White & Co., Moline, Ill.

5791—Hammers (Saddlers' & Trimmers')

Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Osborne C. S. & Co., Harrison, N. J.

5792—Hammers (Saw Makers)

Columbus Anvil & Forging Co., Columbus, Ohio
Covel Mfg. Co., Benton Harbor, Mich.
Disston Henry & Sons, Tacony, Phila., Pa.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

5793—Hammers (Saw Setting)

Bishop George H. & Co., Lawrenceburg, Ind.
Covel Mfg. Co., Benton Harbor, Mich.
Ficher & Norris, Trenton, N. J.
Hanchett Swage Works, Big Rapids, Mich.
Menominee Saw Co., Menominee, Mich.
SIMONDS MFG. CO., Ficthburg, Mass.
See adv index at end of book
Van Doren Mfg. Co. (Drop Forged), Chicago Heights, Ill.

5794—Hammers (Shoemakers')

Germantown Tool Works, 520 Commerce, Phila., Pa.
Grey Iron Casting Co., Mt. Joy, Pa.
Kupferle John C. Foundry Co. ("Eclipse"), 1st & Wright, St. Louis, Mo.
Reading Saddle & Mfg. Co. ("Reading" Cast), Reading, Pa.
Sargent & Co., New Haven, Conn.
South Bend Foundry Co., South Bend, Ind.
Standard Shoe Machinery Co., Lawrence, Mass.
Stover Mfg. Co. ("Ideal"), Freeport, Ill.
U. S. Lock & Hardware Co., Columbia, Pa.
Williams A. C. Co. (Cast Iron Only), Ravenna, O.
Wrightville Hardware Co., Wrightville, Pa.

5795— Hammers (Slaters')

See also Tools, Slaters

Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.
Belden Machine Co., New Haven, Conn.
Emrich Phil, 824 Main, Cincinnati, O.
Evansville Tool Works, Evansville, Ind.
Isele A. W. & Son, 51 Pitt, Boston, Mass.
Stortz Jno. & Son, 210 Vine, Phila., Pa.

5796— Hammers (Spring)

Dougherty Smith Phillips Co. ("Phillips"), 502 W Division, Chicago, Ill.

5797— Hammers (Steam)

See also Hammers, Power

Alliance Machine Co., Alliance, O.
Bellefonte Engineering Co., Bellefonte, Pa.
Bethlehem Steel Co. (Drop), South Bethlehem, Pa.
BUFFALO FOUNDRY & MACHINE CO. ("Bell"), 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*
Chambersburg Engineering Co. (Single & Double Frame), Chambersburg, Pa.
Dudgeon Richard, 24 Columbia, New York
Duncan Forge Co., Toledo, O.
ERIE FOUNDRY CO. ("Erie," Single & Double Frame), Erie, Pa.
Ironton Punch & Shear Co., Ironton, O.
Kline Lewis T., Alpena, Mich.
McDougall & Potter Co., 606 W 55th, New York
Massillon Foundry & Machine Co. ("Massillon" Forge), Massillon, O.
Monighan Machine Co. ("American," Single & Double Frame), 2032 Carroll av, Chicago, Ill.

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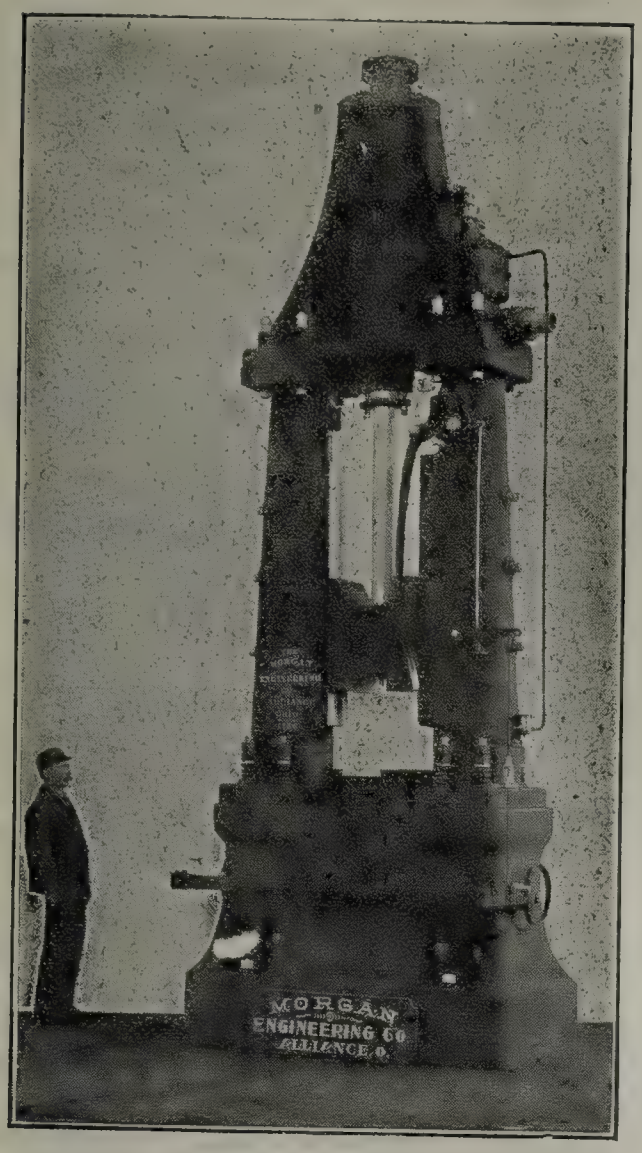

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MORGAN ENGINEERING CO. (Single & Double Stand), Alliance, O.
See adv index at end of book
Niles-Bement-Pond Co. (Single, Double & Open Frame), 111 B'way, New York
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.

5798—Hammers (Stone Cutters')

Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.
Beall Bros., Alton, I.
Brunner & Lay, 570 W Polk, Chicago, Ill.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Crescent Tool Mfg. Co., 1002 Cass av, St. Louis, Mo.
Evansville Tool Works, Evansville, Ind.
Hauck Wm. J., 306 Southwest blvd, Kansas City, Mo.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Iron City Tool Works, Ltd., 3201 Smallman, Pittsburgh, Pa.
Isele A. W. & Son, 51 Pitt, Boston, Mass.
Klein, Logan Co., 13th & Breed, Pittsburgh, Pa.
Livingston Mfg. Co., Rockland, Me.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Maydole David Hammer Co., Norwich, N. Y.
Phillips F. & Son, 1336 Greenmount av,, Baltimore, Md.
Plumb Fayette R., Inc., Tucker & James, Philadelphia, Pa.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Trow & Holden Co., Barre, Vt.
Vogl Tool Co., 912 E 19th, Kansas City, Mo.
Vulcan Tool Mfg. Co., Quincy, Mass.
Warner-Hammer Co., Cromwell, Conn.
Warren Tool & Forge Co., Warren, O.
Warwood Tool Co., Warwood, Wheeling, W. Va.

Hammers (Striking)
See Hammers, Heavy

5799— Hammers (Tack)

Arcade Mfg. Co. (Cast Claw, etc), Freeport, Ill.
Cassady Fairbank Mfg. Co ("Neverslip" Twisted Wire Handle), 6126 S La Salle, Chicago, Ill.
Gilford F. E. (Combination), Concord, N. H.
Grey Iron Casting Co., Mt. Joy, Pa.
Henry John T. Mfg. Co., Hamden, Conn.
Kilborn & Bishop Co. ("K. & B."), New Haven, Conn.
Landers, Frary & Clark, New Britain, Conn.
Osborne C. S. & Co., Harrison, N. J.
Robertson Arthur R. ("Horseshoe Magnet"), 144 Oliver, Boston, Mass.
Rocky Hill Hardware Co., Rocky Hill, Conn.
Sayre L. A. Co., 332 Mulberry, Newark. N. J.
Stanley Rule & Level Co., New Britain, Conn.
Stover Mfg. Co. (Cast), Freeport, Ill.
Vaughan & Bushnell Mfg. Co. (Adze Eye Drop Forged), 2114 Carroll av, Chicago, Ill.
Warner Hammer Co., Cromwell, Conn.
Williams A. C. Co. (Cast Iron Only), Ravenna, O.
Wrightsville Hardware Co. ("Brighton," "L. & S. I. Co."), Wrightsville, Pa.

5800—Hammers (Tanners' Marking)

Emrich Phil, 824 Main, Cincinnati, O.

5801—Hammers (Tile Setters')

Braunsdorf-Mueller Co., Elizabeth, N. J.
Maydole David Hammer Co., Norwich, N. Y.
Warner Hammer Co., Cromwell, Conn.

5802— Hammers (Tinners')
See also Hammers, Riveting

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Cheney Henry Hammer Co., Little Falls, N. Y.
Evansville Tool Works, Evansville, Ind.
Germantown Tool Works (Solid Forged), 520 Commerce, Phila., Pa.
Maydole David Hammer Co., Norwich, N. Y.
Merchant & Evans, Co., 2035 Washington av, Philadelphia, Pa.
See adv index at end of book
Osborne C. S. & Co., Harrison, N. J.
Peck, Stow & Wilcox Co. (Riveting, Setting, etc), Southington, Conn.
Stanley Rule & Level Co. (Atha Division), New Brtiain, Conn.
Van Doren Mfg. Co. ("Vandor" Drop Forged), Chicago Heights, Ill.
Warner Hammer Co., Cromwell, Conn.

Hammers (Tire Welding)
See Tire Welding Machines

5803— Hammers (Trip)
See also Hammers, Power

Beaudry & Co., 141 Milk, Boston, Mass.
Mayer Bros. Co. ("New Little Giant," "Easy"), Mankato, Minn.
MERRILL BROS. (Air Cushion), 3 Arnold, Maspeth (Borough of Queens), New York *See adv index at end of book*
Modern Sales Co. ("New Modern"), Hampton, Ia.
Novelty Iron Works Co., Dyersville, Ia.
United Hammer Co. ("Fairbanks"), 141 Milk, Boston, Mass.

5804—Hammers (Upholsterers')
See also Hammers, Tack

Arcade Mfg. Co., Freeport, Ill.
Dicke Tool Co., Downers Grove, Ill.
Germantown Tool Works (Solid Forged), 520 Commerce, Phila., Pa.

HAMMERS (UPHOLSTERERS)—cont'd
Kraeuter & Co., 583 18th av, Newark, N. J.
Lowentraut P. Mfg. Co., 36 Brener, Newark, N. J.
Osborne C. S. & Co., Harrison, N. J.
Reading Saddle & Mfg. Co. ("Reading" Household), Reading, Pa.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Stanley Rule & Level Co., New Britain, Conn.
Tully John J., Louisville, Ky.
Vlchek Tool Co. ("Vlchek"), 10711 Quincy av, Cleveland, O.
Williams A. C. Co. (Cast), Ravenna, O.
Wrightsville Hardware Co. ("Brighton"), Wrightsville, Pa.

5805— Hammers (Vacuum)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Williams, White & Co. ("Yeakley"), Moline, Ill.

5806— Hammock Mfrs.

Altland Alfred D., Dillsburg, Pa.
Barcalo Mfg. Co. (Couch), 225 Louisiana, Buffalo, N. Y.
Beverly Textile Mills, Beverly, N. J.
Bickford Bros. Co., Rochester, N. Y.
Brooks Tent & Awning Co. ("Nantucket" Couch), Denver, Colo.
Carnie-Goudie Mfg. Co., 22d & Grand av, Kansas City, Mo.
Chicago Hammock Co. (Cotton Woven), 1833 N Halsted, Chicago, Ill.
Cream City Net Co., 1076 Grove, Milwaukee, Wis.
Excelsior Bag & Mfg. Co. ("Idle Hour" & "Excelsior" Couch), Troy, N. Y.
Fowler Net & Twine Co., 107 S 2d, Phila., Pa.
Gem Hammock & Fly Net Co., 326 Florida, Milwaukee, Wis.
Gold Metal Camp Furniture Mfg. Co. ("Knowlton," Swinging & Hammock Combined), Racine, Wis.
Goodall Hammock Co. (Cotton), Westbrook, Me.
Hettrick Mfg. Co. (Couch), Toledo, O.
Hoffman-Corr Mfg. Co. ("Globe-Lion" Brand), 312 Market, Phila., Pa.
Hohlfeld Mfg. Co., 10th & Allegheny, Phila., Pa.
Hough Shade Corporation, Janesville, Wis.
La Crosse Hammock Works, La Crosse, Wis.
N. Y. Couch Eed Co. ("Romelink" Couch), Meadow & Anable av, L. I. City, N. Y.
Olmsted & Tuttle Co. (Cot Hammocks), Chicopee, Mass.
Palmer I. E. Co., Middletown, Conn.
Patterson Mfg. Co. (also Couch Hammocks), E Indiana cor A, Phila., Pa.
Rowe E. L. & Son ("Gloucester"), Gloucester, Mass.
St. Charles Net & Hammock Co., St. Charles, Ill.
Shoyer D. W. & Co. ("Acme"), 394 B'way, New York
Steinfeld Bros. ("Steinfeld" Swinging Couch), 116 W 32d, New York
Tennessee Line & Twine Co. (Cotton), Elizabethton, Tenn.
Warren Mfg. Co. (Cotton), Warren, Md.
Western Hammock Co., La Cosse, Wis.
Wheeler & Wilson ("North Shore" Bed), 15 Merchants row, Boston, Mass.

Hampers

See Baskets, Hampers, Etc.

5807—Hand Rests for Lathes

American Tool & Machine Co., 10 High, Boston, Mass.

5808— Handcuffs & Twisters

Barnard Geo. D. & Co. ("Cummings"), Laclede & Vandeventer, St. Louis, Mo.
Marlin-Rockwell Corp., New Haven, Conn.
Mattatuck Mfg. Co. (Maltby Division, "Mattatuck"), Waterbury, Conn.
Peerless Handcuff Co. ("Peerless" Light weight), Springfield, Mass.
Union Hardware Co., Torrington, Conn.

5808a— Handkerchief (Boxes)

The Arlington Works (E. I. du Pont de Nemours & Co.), 21 E 40th, New York

5809—Handkerchiefs (Bandanna)

Passaic Print Works, Passaic, N. J.

Handles (Agricultural Tool)

See Handles, Farm Tool

Handles (Air Brake)

See Handles. Brake or Controller

5809a—Handles (Artists' Brush)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Handles (Ash)

See Handles, Farm Tool, Ash

5810— Handles (Auger)

Bonney Vise & Tool Works ("Hayes"), Allentown, Pa.
See adv index at end of book
Canfield Mfg. & Novelty Co., Canfield, O.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Everstick Anchor Co., 1624 N 8th, St. Louis, Mo.
Irwin Auger Bit Co., Wilmington, O.
Millers Falls Co. ("Rogers," Gun's Ratchet), 28 Warren, New York
Ohio Tool Co., Charleston, W. Va.
O'Neill J. H. Jr., Pawtucket, R. I.
Peck, Stow & Wilcox Co. ("Peck's" Patent), Southington, Conn.
Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book
Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.
Southington Mfg. Co., Southington, Conn.
Swan James Co. ("Swan's"), Seymour, Conn.

5811—*Handles (Automobile)

Rubber & Celluloid Products Co. (Rubber Covered), Newark, N. J.

5811a—Handles (Automobile Crank)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

5812— *Handles (Awl)

ESTES E. B. & SONS, 364 5th av, New York. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

Handles (Axe)

See Handles, Hickory

5813—*Handles (Baby Carriage)

Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5813a— Handles (Balance)

Williams J. H. & Co. ("Vulcan" Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

5814— Handles (Bark Spud)

American Logging Tool Co., Evart, Mich.

5814a— *Handles (Basket)

ESTES E. B. & SONS, 364 5th av, New
See adv index at end of book
Maney W. F. (Wire), Geneva, N. Y.

5814b— *Handles (Bell)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

5814c— Handles (Bicycles)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

5814d—*Handles (Bill Poster)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

5814e—* Handles (Bit Brace)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

5814f— Handles (Bit, Malleable Iron)

Syracuse Twist Drill Co., ("Syracuse"), Borden av, Syracuse, N. Y.

5815—Handles (Boiler, Ash & Milk Can, Etc.)

Adams Co. (Boiler), Dubuque, Ia.
Arcade Mfg. Co., Freeport, Ill.
Berger Bros. Co. ("Keystone"), 229 Arch, Phila., Pa.
Campbell Wire Specialty Works (Wire), South Bend, Ind.
Clark W. J. Co., Salem, O.
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Excelsior Stove & Mfg. Co., Quincy, Ill.
Grey Iron Casting Co., Mt. Joy, Pa.
Haslet, Flanagen & Co., 116 N 2d, Phila., Pa.
Indiana Hollow Ware Co. (Cast Iron), Jeffersonville, Ind.
Loetscher-Ryan Mfg. Co., Dubuque, Ia.
McAleer E. J. & Co., 1422 N 8th, Phila., Pa.
Morgan Spring Co. (Ash Can, Basket & Tub, Galvanized), Worcester, Mass.
See adv index at end of book
Stiles, H. A. & Co. (Wood), 93-97 Oliver, Boston, Mass.
See adv index at end of book
Stover Mfg. Co. ("Ideal"), Freeport, Ill.

ESTABLISHED 1847

E. B. ESTES & SONS

Manufacturers of

Tool Handles—Screw Driver, Awl, etc.

Also Handles for Household Utilities and Hollow Ware. Plain, Polished or Enameled in any style.

364-5th Ave., NEW YORK CITY

Weller Hdw. & Foundry Co. (Or Milk Can), Horseheads, N. Y.
Wrightsville Hardware Co., Wrightsville, Pa.

5815a—Handles (Boilers, Wash)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

5816— Handles (Bone)

Armour & Co., 208 S La Salle, Chicago, Ill.
Randolph Wm. C. (Whisk Broom, etc), 213 Arch, Phila., Pa.
Rogers Mfg. Co, Rockfall, Conn.
Rogers & Hubbard Co., Middletown, Conn.
Winterbottom Carter & Co., Egg Harbor City, N. J.

5816a— Handles (Box)

Berbecker & Rowland Mfg. Co., Waterville, Conn.
Stanley Works, New Britain, Conn.
See adv index at end of book

5817—Handles (Brake or Controller)

See also Wheels, Rachet Brake.
Adams & Westlake Co., 319 W Ontario, Chicago, Ill.
Baker John S. ("Beverly," Ratchet Clutch), Beverly, Mass.
Brill J. G. Co., 62d & Woodland av, Phila., Pa
Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
Dayton Mfg. Co. ("Lindstrom," "Pittsburgh," Gravity, etc.), Dayton, O.
Electric Service Supplies Co. ("Durkin Automotoneer," "Lock-On"), 17th & Cambria, Phila., Pa.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Jewett Car Co. (Brake Only), Newark, O.
Lord Electric Co. ("Cosper"), 105 W 40th, New York
Safety Car Devices Co., Boatmen's Bk. bldg, St. Louis, Mo.
St. Louis Car Co., 8000 N. B'way, St. Louis, Mo.
Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

5818— Handles (Broom)

American Broom & Brush Co., Amsterdam, N. Y.
Amsterdam Broom Co., Amsterdam, N. Y.
Antigo Mfg. Co., Antigo, Wis.
Auburn Handle Co., Auburn, Ind.
Bayless Mfg. Co., Memphis, Tenn.
Boggs Broom Corn Co. (Maple), 1206 N Main, St. Louis, Mo.
Borgeson C. E., 1775 Wilson av, Chicago, Ill.
Brinser E. C. Sons, Richmond, Va.
Cadillac Handle Co., Cadillac, Mich.
Columbus Sucker Rod Co., Columbus, O.
Crook Son & Co., Hicksville, O.
Ellis & Smith, Bleecker, N. Y.
Escanaba Mfg. Co., Escanaba, Mich.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Green River Chair Co., Livermore, Ky.
Hulburd S. W., Brasher Falls, N. Y.
Indiana Wood Products Co., Spencer, Ind.
Jackson & Tindle, Buffalo, N. Y.
Jones B. E. Mfg. Co., Alba, Mich.
Lee Broom & Duster Co., Lincoln, Neb.
Levering Mfg. Co., Wilmington, N. C.
Lobdell Emery Mfg. Co., Onaway, Mich.
National Handle Co., Cleveland O.
Oakland Mfg. Co., Gardiner, Me.
Olds & Hixson, Vanderbilt, Mich.
Piqua Handle & Mfg. Co. (Regular Finish & High Grade French Polish Finish, Stained, all Colors or Natural Wood), P O Box 307, Piqua, O.
Rugg Mfg. Co., Greenfield, Mass.
Standard Churn Co., Wapakoneta, O.
STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Stratton D. A. Co., Atlantic Mine, Mich.
Turner T. J., Marked Tree, Ark.
Westcott J. D. & Son, Richwood, W. Va.

5819— Handles (Brush)

Estes E. B & Sons (Artists', Painters' & Shoe), 364 5th av, New York
See adv index at end of book
Fuller, J. J., Westfield, Mass.
Levering Mfg. Co., Wilmington, N. C.
Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book
Pierce F. B. Co., Keene, N. H.
Stephenson Mfg. Co., South Bend, Ind.

5820— Handles (Cane)

Stephenson Mfg. Co., South Bend, Ind.

5821—Handles (Canthook & Peavey)

American Logging Tool Co., Evart, Mich.
Brinser E. C. Sons, Richmond, Va.
Columbus Handle & Tool Co., Columbus, Ind.
Harris Mfg. Co., Johnson City, Tenn.
Hartwell C. L. & Co., Chicago Heights, Ill.
Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book
Palmer R. C., Warren, Vt.
Ransome-Leach Co., 115 B'way, New York
Strock L. W. & Co., Bethlehem, Pa
Titusville Handle Co., Titusville, Pa.
Windham Handle Co., South Windham, Conn.

5822—Handles (Car Coupling)

Handlan-Buck Mfg. Co. ("Bishop"), 210-14 N 3d, St. Louis, Mo.

5823—Handles (Carpet Sweeper)

Borgeson C. E., 1775 Wilson av, Chicago, Ill.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Piqua Handle & Mfg. Co., P O Box 307, Piqua, O.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5824—Handles (Carriage Door)

Attwood Brass Works, Grand Rapids, Mich.
Searls Mfg. Co., 29 Mulberry, Newark, N. J.
Stanley Works, New Britain, Conn.
See adv index at end of book

5825— Handles (Chest)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Brainerd Mfg. Co., East Rochester, N. Y.
Carondelet Foundry Co., 2123 S Kingshighway, St. Louis, Mo.
Champion Hardware Co. ("Champion"), Geneva, O.
Corbin P. & F., New Britain, Conn.
Dent Hardware Co., Fullerton, Pa.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Lawrence Bros., Sterling, Ill.
Loetscher-Ryan Mfg. Co., Dubuque, Ia.
Ney Mfg. Co., Canton, O.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sager Lock Co., North Chicago, Ill.
Sargent & Co., New Haven, Conn.
STANLEY WORKS (Wrought Steel), New Britain, Conn.
See adv index at end of book
Stover Mfg. Co. (Surface & Flush Patterns), Freeport, Ill.
Taylor & Boggis Foundry Co., Cleveland, Ohio
Weber-Knapp Co. (Brass, etc), Jamestown, N. Y.
Weller Hardware & Fdry. Co., Horseheads, N. Y.
Wrightsville Hardware Co. (Surface), Wrightsville, Pa.

5826— Handles (Chisel)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Fuller J. J., Westfield, Mass.
Gallup Ruffing Handle Co. (Leather Head & Plain), Norwalk, O.
Levering Mfg. Co., Wilmington, N. C.
O'Neill J. H. Jr., Pawtucket, R. I.
Piqua Handle & Mfg. Co. (Leather Head & Plain, also Butt Chisel Handles), P O Box 307, Piqua, O.
Stephenson Mfg Co., South Bend, Ind.
STILES H. A. & CO. ("Hasco Brand"), 93-97 Oliver, Boston, Mass.
See adv index at end of book
Stossel Carl & Co., Front Royal, Va.

5827— Handles (Churn)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book
Stephenson Mfg Co., South Bend, Ind.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5827a—Handles (Circuit Breaker)

See Handles, Also Electric Switch
Estes E. B. & Sons, 364 5th av, New York

5827b— Handles (Cleaver)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

5827c—Handles (Coffin and Casket)

Casket Hardware Mfg. Co., 820 W Warren, Detroit, Mich.
Stanley Works, New Britain, Conn.
See adv index at end of book
Westfield Plate Co., Thompsonville, Conn.

Handles (Controller Regulating)

See Handles, Brake or Controller

5828— Handles (Cooler)

Grey Iron Casting Co., Mt. Joy, Pa.

5829— Handles (Cork)

Armstrong Cork Co. (For Fishing Rods, Golf Sticks, etc), 24th & A. V. R. R. Pittsburgh, Pa.

5829a— *Handles (Cork Screw)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

5830— Handles (Crank)

Estes E. B. & Sons (Phonograph Crank), 364 5th av, New York
See adv index at end of book
Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book
Stiles H. A. & Co. (Wood), 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Williams J. & Co. ("Vulcan" Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

5831—Handles (Crank Handle)

Backstay Machine & Leather Co., Union City, Ind.
Bosler E. H., 1935 Wabash av, Chicago, Ill.
Eberhard Mfg. Co., Cleveland, O.
Economy Stay Co. (Leather), Jefferson City, Mo.
Fesser Frank S. Co. ("Superior"), 1102 Prospect, Indianapolis, Ind.
Gallup Ruffing Handle Co., Norwalk, O.
Gilbert Mfg. Co. ("Gilbert"), New Haven, Conn.
Nathan Novelty Mfg. Co., 88 Reade, New York
Niagara Auto Radiator Co., 151 W 68th, New York
Perkins-Campbell Co. ("Campbell"), 622 B'way, Cincinnati, O.
Premier Auto Novelty Mfg. Co., 149 Chambers, New York
Smith James & Son, 40 Franklin av, Brooklyn, N. Y.
Sutherland F. L. Co., Detroit, Mich.

5831a—*Handles (Currycomb)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Established 1847 **E. B. ESTES & SONS** Manufacturers of

TOOL HANDLES—SMALL, PLAIN OR FANCY POLISHED AND ENAMELED HANDLES IN NATIVE AND FOREIGN WOODS

364 5th Avenue New York City

5831b— Handles (Cutlery)

Estes E. B. & Sons (Knife, Putty Knife, &c., Cleaver), 364 5th av, New York
See adv index at end of book
Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book
The Arlington Works (E. I. du Pont de Nemours & Co.), 21 E 40th, New York

5832— Handles ("D")

American Mfg. Co. (Iron, Wood & Steel), Chattanooga, Tenn.
Piqua Handle & Mfg. Co. (Split), P. O. Box 307, Piqua, O.

5832a— *Handles (Damper)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

5832b—*Handles (Detachable Tool)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

5832c— *Handles (Die Stock)

STANDARD PARTS CO. (Tubular), Cleveland, O.
See adv index at end of book

5832d— *Handles (Dipper)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book

5832e— Handles (Dish Mop)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

5832f—Handles (Door, Drawer, etc.)

See also Pulls, Door, & Pulls Drawer
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

5833— Handles (Drop)

Brainerd Mfg. Co., East Rochester, N. Y.
Corbin P. & F., New Britain, Conn.
Northwestern Stamping Co. (For Washing Machines), Burlington, Iowa
Penn Hardware Co., Reading, Pa.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

5833a— *Handles (Ebony)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

5834—Handles (Electric Switch)

American Enamel Co., Providence, R. I.
American Vulcanized Fibre Co., 504 Equitable bldg, Wilmington, Del.
American Wood Working Co., 4345 Wabansia av, Chicago, Ill.
Auburn Button Works, Auburn, N. Y.
Bogert & Hopper, 67 Barclay, New York
Dickinson Mfg. Co., Springfield, Mass.
Eby F. B. Handle Co., 12th & Stanley, Detroit, Mich.
Electrose Mfg. Co. (Composition), 70 Washington, Brooklyn, N. Y.
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Gallup Ruffing Handle Co., Norwalk, O.
Gem Mfg. Co. (Wood Turning & Enameling Div.), New Durham, N. H.
Hemming Mfg. Co., Garfield, N. J.
Mossman Jerome (Est. of), Fitchburg, Mass.
Narragansett Mach. Co. (Wood), Providence, R. I.
National Fibre & Insulation Co., Yorklyn, Del.
Novelty Turning Co. (Wood), Norway, Me.
Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book
Schutz Bros., Inc., 71 W B'way, New York
Scranton Button Co. (Electroid), Scranton, Pa.
Siemon Hard Rubber Corp., Bridgeport, Conn.
Stephenson Mfg. Co., South Bend, Ind.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Stratton Mfg. Co., Stratton, Me.
Union Hardware Co., Torrington, Conn.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

5835—Handles (Emery Wheel Dresser)

QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill.
See adv index at end of book

5836—Handles (Enameled Wood)

Aluminum Ware Mfg. Co., Inc., Elmira, N. Y.
Baker, McMillen Co., Akron, O.
ESTES E. B. & SONS, 364 5th av, New York. *See adv index at end of book*
Fuller J. J., Westfield
Levering Mfg. Co., Wilmington, N. C.
Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book
STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Sun Enamel Works (For Electric Switch, Rubber Stamp, Knife Knob, etc), Leominster, Mass.

5837— Handles (Fan)

Bliss Mfg. Co. (Soft Wood), Bliss, N. Y.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

5838—Handles (Farm Tool, Ash)

(FORK, SHOVEL, SPADE, RAKE, ETC.)
See also Handles, Wood
Alexander Geo. E. & Son (Fork), Sunapee, N. H.
American Fork & Hoe Co., Cleveland, O.
Ames Shovel & Tool Co., Ames bldg, Boston, Mass.
Brinser E. C. Sons, Richmond, Va.
Derby & Ball (Fork), Bellows Falls, Vt.
Cadillac Handle Co., Cadillac, Mich.
Carrier Lbr. & Mfg. Co., Sardis, Miss.
Columbus Handle & Tool Co., Columbus, Ind.
Crook Son & Co., Hicksville, O.
Harris Mfg. Co., Johnson City, Tenn.
Hartwell C. L. & Co., Chicago Heights, Ill.
I. X. L. Handle Mfg. Co., Dexter, Mo.
Jonesboro Handle Co., Jonesboro, Ark.
Lewiston Handle Co. (Shovel & Spade), Lewiston, Me.
Marion Handle & Mfg. Co., Marion, Ind.
National Handle Co., Cleveland, O.
Piqua Handle & Mfg. Co., P. O. 307, Piqua, O.
Standard Churn Co. (Fork), Wapakoneta, O.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Strock L. W. & Co., Bethlehem, Pa.
Union Fork & Hoe Co., Columbus, O.
U. S. Handle Co., Piqua, O.
Washington Handle Co., Washington C. H., O.

5839— Handles (File)

Allen Chas. I., Pequabuck, Conn.
Andrews Mfg. Co., 413 Commerce, Phila., Pa.
Baker, McMillen Co., Akron, O.
Buckeye Mfg. & Fdry Co. (Malleable), 2046 W 55th, Cleveland, O.
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Gallup Ruffing Handle Co., Norwalk, O.
Gem Mfg. Co. (Wood Turning & Enameling Div.), New Durham, N. H.
Grover File Co., Nashua, N. H.
Levering Mfg. Co., Wilmington, N. C.
Lutz File Co. ("Beatemall"), 806 Broadway, Cincinnati, O.
Mossman Jerome (Est. of), Fitchburg, Mass.
NICHOLSON FILE CO., Providence, R. I.
See adv index at end of book
Ohio Tool Co., Charleston, W. Va.
O'Neil J. H. Jr., Pawtucket, R. I.
Osgood J. L. Tool Co. ("Indestructible"), Buffalo, N. Y.
Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book
Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.
Robinson M. W. Co. ("Lock Jaw," "Rollis"), 203 37th, Brooklyn, N. Y.
Rowe Henry Mfg. Co., Newaygo, Mich.
S. & I. Co., Springfield, Mass.
Sargent & Co., New Haven, Conn.
Smith J. B. (Jewelers, etc, Soft Wood, Plain & Hardwood Polished), Geneva, Ohio
Standard Turning Works, Cambridge, Mass.
Stephenson Mfg. Co., South Bend, Ind.
STILES H. A. & CO. ("Hasco Brand"), 93-97 Oliver, Boston, Mass.
See adv index at end of book
Stossel Carl & Co., Front Royal, Va.
Stratton Mfg. Co., Stratton, Me.
Strock L. W. & Co., Bethlehem, Pa.
Troy File Works ("Best"), Troy, N. Y.
Windham Handle Co. (Oak, Hickory & Ash), S Windham, Conn.

5839a—*Handles (Fishing Rod)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

5839b—*Handles (Fly Killer)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stiles H. A. & Co., 93-97 Oliver, Boston,

5840— Handles (Force Cup)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Levering Mfg. Co., Wilmington, N. C.
Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.
STILES H. A. & CO. 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5840a1—Handles (Garage Door)

Richards-Wilson Mfg. Co., Aurora, Ill.
Stanley Works, New Britain, Conn.
See adv index at end of book

5840a—*Handles (Garden Floral Sets)

ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*

5840b— *Handles (Gas Cock)

Stiles, H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5841— Handles (Gas Taper)

Stephenson Mfg. Co., South Bend, Ind.

5841a— *Handles (Gimlet)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

5841b—*Handles (Grass Hook)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book

5842— Handles (Hammer)

American Handle Co. ("Ozark," "Chicot," "Bonnie," "American King"), Jonesboro, Ark.
Buckeye Handle, Gear & Bending Co., Alliance, O.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Canfield Mfg. & Novelty Co., Canfield, O.
Clark-Danforth Handle Co., Cairo, Ill.
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Graves & Stamp (Hickory), Des Arc, Mo.
Harrison Supply Co. (Connecticut Hickory), 5 Dorchester av Extension, Boston, Mass.
Heiser J. B., Atwater, O.
Kile Mfg. Co., Akron, O.
La Pierre-Sawyer Handle Co., Jackson, Mo.
Medina Bending Works, Medina, O.
North American Handle Co., Fort Hill sq, Boston, Mass.
Peterson Samuel, Warren, Pa.
Piper B. H. Co., Manchester, N. H.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Stossel Carl & Co. ("Royal" Hickory), Front Royal, Va.
Strock L. W. & Co., Bethlehem, Pa.
Thomasville Spoke Works Co., Thomasville, N. C.
Titusville Handle Co., Titusville, Pa.
Warner Hammer Co., Cromwell, Conn.
Warren Handle Works (Hickory, etc), Cortland, O.
Windham Handle Co., South Windham, Conn.

5843— Handles (Hard Rubber)

Stokes Jos. Rubber Co. (Various Designs), Trenton, N. J.

5843a—*Handles (Hatchet, Pick, Plane, Etc)

ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*

5844— Handles (Hay Knife)

Piqua Handle & Mfg. Co. (Corn & Grass Hook), P. O. Box 307, Piqua, O.

5844a—*Handles (Hedge, Shear)

ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*

5845— Handles (Hickory)

(AXE, PICK, HAMMER, SLEDGE, ETC.)

See also Handles, Wood

American Handle Co., Jonesboro, Ark.
Berry O. P. Co., Wolfeboro Falls, N. H.
Brusher J. B., Norristown, Pa.
Buckeye Handle, Gear & Bending Co., Alliance, O.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Cadillac Handle Co., Cadillac, Mich.
Caflisch Fred, Union City, Pa.
Canfield Mfg. & Novelty Co., Canfield, O.
Carpenter & Bayles, 100 Walker, New York
Charlesworth Wm. Handle Co. (Axe & Tool), Fayetteville, Ark.
Clark-Danforth Handle Co., Cairo, Ill.
Cupples Samuel Woodenware Co., 7th & Spruce, St. Louis, Mo.
Deutch Arthur, Savannah, Ga.
Dickinson Chas. W., Ypsilanti, Mich.
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Fulkerson Bros. Handle Co. (Sledge), Puxico, Mo.
Gallup Ruffing Handle Co., Norwalk, O.
Graves & Stamp (Axes, Pick, Hatchet, Sledge, etc), Des Arc, Mo.
Hartwell Bros., Chicago Heights, Ill.
Hartwell C. L. & Co. (Jack Handles), Chicago Heights, Ill.
Harvey & Harvey, Augusta, Me.
Hickory Handle & Mfg. Co., Conover, N. C.
Ivory Handle Co., Hope, Ark.
I. X. L. Handle Mfg. Co. (Axe, Pick & Sledge), Dexter, Mo.
Keller & Tamm Mfg. Co. (Axe, Pick, Sledge), Victor & Levee, St. Louis, Mo.
Kelsey Horatio, Clinton, Conn.
Kile Mfg. Co. (Hammer, Hatchet & Tool), Akron, O.
Landis S. H. & Bro., Quakertown, Pa.
La Pierre-Sawyer Handle Co. (Axe, Pick & Sledge), Jackson, Mo.
Levering Mfg. Co., Wilmington, N. C.
Lewiston Handle Co. (Sledge), Lewiston, Me.
McCrillis Handle Co., Norwalk, O.
Minton T. W. & Son, Barbourville, Ky.
North American Handle Co., Fort Hill sq, Boston, Mass.
Ransome-Leach, 115 B'way, New York *See adv index at end of book*
Peterson Samuel, Warren, Pa.
Piper B. H. Co., Manchester, N. H.
Prouty C. & Co. (Sledge), Eldred, Pa.
Reuther-Scanlon Handle Co., Nashville, Tenn.
STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
STROCK L. W. & CO., Bethlehem, Pa.
Tatem J. B. & Son, Putnam, Conn.
Titusville Handle Co., Titusville, Pa.
Turner, Day & Woodworth Handle Co., Louisville, Ky.
United Handle Mills, 149 B'way, New York
Warren Handle Works (All Kinds), Cortland, O.
Willingham E. G. (Tool), Memphis, Tenn.
Windham Handle Co. (Axe, Pick, Hammer, etc), S Windham, Conn.
Worth H. P. & Co., 180 West, New York
Yingling Bros. & Co., Monroeville, O.
Zelnicker Walter A. Supply Co. ("Zelnicker"), 325 Locust, St. Louis, Mo.
Zimmerman J. N., Owosso, Mich.

5845a—*Handles (Hollow Tool)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

5845b—*Handles (Horse Clipper)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

5846— Handles (Ice Hook)

Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5846a—*Handles (Ice Pick & Ice Shave)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

5847—Handles (Imitation Stag)

Rogers & Hubbard Co., Middletown, Conn.

5847a—*Handles (Incandescent Lamp Guard)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5848— Handles (Insulated)

American Vulcanized Fibre Co. (Hard Fibre), 504 Equitable bldg, Wilmington, Del.
Continental Fibre Co. ("Bakelite-Dilecto," & Hard Fibre), Newark Centre, Del.
DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*
Diamond State Fibre Co. (Hard Fibre), Elsmere, Del.
National Fibre & Insulation Co. (Vulcanized Fibre), Yorklyn, Del.
Spaulding J. & Sons Co. (Hard Fibre), P. O. Box, 52 Tonawanda, N. Y. *See adv index at end of book*
Standard Fibre Co., Miller St., Somerville, Mass.
WILMINGTON FIBRE SPECIALTY CO. (Hard Fibre), Wilmington, Del. *See adv index at end of book*

5849— Handles (Ivory)

Grote F. & Hubbell Co., 82 4th av, New York
Kapp A. Jos. Sons Ivory Co., 124 E 14th, New York
Tower Sylvester Co., Cambridge, Mass.

5849a— *Handles (Kettle)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Peterson F. W. Co., 68 Thomas, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5849b—*Handles (Knife—Corn, Shoe, Kitchen, etc)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

5849c— *Handles (Ladle)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Peterson F. W. Co., 68 Thomas, New York *See adv index at end of book*

5850—*Handles (Lather Brush)

ESTES E. B. & SONS, 364 5th av, New York. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5851— Handles (Leather)

Badger Handle Co., 323 E Water, Milwaukee, Wis.
Graton & Knight Mfg. Co. (Trunk, Suit & Sample Case, etc), Worcester, Mass.
Nott W. S. Co. (Trunk, etc), 2d av N and 3d, Minneapolis, Minn.

5851a— *Handles (Lubricator)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

5852— Handles (Machine)

Billings & Spencer Co. ("B. & S." Drop Forged), Hartford, Conn.
Cincinnati Ball Crank Co. (Steel), N. Oakley, Cincinnati, O.
Keystone Drop Forge Works (Drop Forged), Chester, Pa.
New Britain Hardware Mfg. Co., New Britain, Conn.
Page-Storms Drop Forge Co., Chicopee, Mass.
Williams J. H. & Co. ("Vulcan" Drop Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

5853—*Handles (Machine Wood)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

5853a—*Handles (Manicure Instruments)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

5854—Handles (Microphone)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Scranton Button Co. (Corrugated Desk or Microphone), Scranton, Pa.

5855— Handles (Mop, Etc.)

See also Mop Sticks & Holders

Bay State Mop Co., Woburn, Mass.
Borgeson C. E., 1775 Wilson av, Chicago, Ill.
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Harper Brush Works, Fairfield, Ia.
Himmelberger-Harrison Lumber Co., Morehouse, Mo.
Levering Mfg. Co., Wilmington, N. C.

Established 1847 **E. B. Estes & Sons** Established 1847

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Lather Brush Handles and Small Turned Wood Handles Generally
Plain, Polished and Fancy Enameled in any style

Specialty: Fine Polished Hardwood Handles.

364 5th Ave., New York City

HANDLES (MOP, ETC.)—continued
Piqua Handle & Mfg. Co. (Special Polished & Threaded), P. O. Box 307, Piqua, O.
Stephenson Mfg. Co., South Bend, Ind.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Turner T. J., Marked Tree, Ark.

5855a— *Handles (Oven Door)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Morgan Spring Co., Worcester, Mass. *See adv index at end of book*

5856— Handles (Package)

Acme Handle Co., 181 W Houston, New York
Eastern Handle Co., 36 Whittier, Boston, Mass.
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Excelsior Package Handle Co., 44 N 4th, Phila., Pa.
Grover R. A. Andover, Me.
Levering Mfg. Co., Wilmington, N. C.
STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Tie Co. (Common Book Handles, "Frazier," "Our Leader"), Unadilla, N. Y.

5857— Handles (Pail)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Gallup Ruffing Handle Co., Norwalk, O.
Levering Mfg. Co., Wilmington, N. C.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5858—Handles (Painter's Brush)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

5858a—Handles (Parasol and Umbrella)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

5858b— Handles (Percolator)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

5858c—Handles (Phonograph Crank)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

Handles (Pike Pole)

See Handles, Canthook & Peavey

5859— Handles (Plow)

Atlanta Plow Co., Atlanta, Ga.
Dugger & Goshorn, Memphis, Tenn.
Emerson-Brantingham Co., Rockford, Ill.
Eureka Bending & Wheel Works, York, Pa.
Farmville Mfg. Co., Farmville, Va.
Farquhar A. B. Co., Ltd., York, Pa.
Fort Smith Rim & Bow Co., Fort Smith, Ark.
Gantt Mfg. Co., Macon, Ga.
Harriman Mfg. Co., Harriman, Tenn.
Harris Mfg. Co., Johnson City, Tenn.
Kelby G. A. Plow Co., Longview, Tex.
Look & Lincoln, Marion, Va.
Ohio Cultivator Co., Bellevue, O.
Oval Oak Mfg. Co., Siler City, N. C.
Parlin & Orendorff Co., Canton, Ill.
Phipps J. H. Lumber Co., Fayetteville, Ark.
Reuter Hub & Spoke Co., Dexter, Mo.
Rock Island Plow Co., Rock Island, Ill.
Swanson Plow Co.
Towers & Sullivan Mfg. Co., Rome, Ga.

5860—Handles (Pocket & Table Knife)

Union Pearl Works (Pearl), 43 W 27th, New York

5861— Handles (Porcelain)

Jeffery-DeWitt Co., Butler av & Grand Trunk Ry, Detroit, Mich.
Mitchell-Bissell Co., 251 4th av, New York

5861a—Handles (Portable Lamp)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

5862—Handles (Post Hole Digger)

Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.
Stephenson Mfg. Co., South Bend, Ind.

5862a— *Handles—Pull (Water Closet)

Estes E. B. & Sons, 364 Fifth av, New York. *See adv index at end of book*

5862b—*Handles (Putty Knife)

Estes E. B. & Sons, 364 Fifth av, New York. *See adv index at end of book*

Handles (Rasp)

See Handles, File

5863— Handles (Ratchet)

Goodell-Pratt Co., Greensfield, Mass.
Yonts C. H. & Co., Meadville, Pa.

Handles (Ratchet Brake)

See Handles, Brake or Controller

5864— Handles (Revolver)

Sansom John H. A (Pearl)., 174 Worth, New York
Union Pearl Works (Pearl & Ivory), 43 W 27th, New York

5864a—*Handles (Rubber Stamp)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

5865— Handles (Sad Iron)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Baker, McMillen Co., Akron, O.
Bless & Drake, 175 N J R R av, Newark, N. J.
Cochrane, J. A. Brass Mfg. Co., 1403 E 40th, Cleveland, O.
Eby F. B. Handle Co., 12th & Stanley, Detroit Mich.
Enterprise Mfg. Co. of Pa. ("Best"), 3d & Dauphin, Phila., Pa.
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Fanner Mfg. Co. ("Artic," for Mrs. Potts Irons), Cleveland, O
Gallup Ruffling Handle Co., Norwalk, O.
Grey Iron Casting Co. (Potts, etc), Mt. Joy, Pa.
Hoehn Fred, Cleveland, O
Loetscher-Ryan Mfg. Co., Dubuque, Ia.
Piqua Handle & Mfg. Co., P O Box 307, Piqua, O.
Reading Saddle & Mfg. Co. ("Sure Grip," "Easy Lift"), Reading, Pa.
Sager Lock Co., North Chicago, Ill.
Schrayer's M. Sons & Co., 917 W 18th, Chicago, Ill.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Williams A. C. Co., Ravenna, O.

5866— Handles (Saw)

Chapin-Stephens Co. (Hand), Pine Meadow, Conn.
Columbus Handle & Tool Co. (Cross-Cut), Columbus, Ind.
Disston Henry & Sons (Cross-Cut, Hand, etc), Tacony, Phila., Pa.
Ely T. J. Mfg. Co. ("Dandy" Cross Saw), Erie, Pa.
Estes E. B. & Sons (Cross-Cut, Hand, etc), 364 5th av, New York *See adv index at end of book*
Jennings C. E. & Co., 71 Murray, New York
Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.
Potter Mfg. Co. ("Champion" Cross-Cut), Geneva, O.
Ransome-Leach Co. (Cross-Cut Saw), 115 Broadway, New York
Sargent & Company, New Haven, Conn.
SIMONDS MFG. CO., Fitchburg, Mass. *See adv index at end of book*
Stanley Rule & Level Co. (Hand), New Britain, Conn.
Stiles H. A. & Co. (Hand), 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5866a— Handles (Scissors)

Arlington Works (E. I. du Pont de Nemours & Co.), 21 E 40th, New York

5867—Handles (Screw Driver)

Allen Chas. I., Terryville, Conn.
Baker, McMillen Co., Akron, O.
Buck Bros., Millbury, Mass.
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Fuller J. J., Westfield, Mass.
Osgood J. L. Tool Co. ("Indestructible"), Buffalo, N. Y.
Peterson F. W. Co., 68 Thomas, New York *See adv index at end of book*
Piqua Handle & Mfg. Co. (Wooden), P. O. Box 307, Piqua, O.
Sargent & Company, New Haven, Conn.
Stanley Rule & Level Co., New Britain, Conn.
Stephenson Mfg. Co., South Bend, Ind.
STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Stratton Mfg. Co., Stratton, Me.
Sun Enamel Works (Wood), Leominster, Mass.
Tuck Mfg. Co., Brockton, Mass.

5867a—Handles (Shaving Brush)

Arlington Works (E. I. du Pont de Nemours & Co), 21 E 40th, New York
Peterson F. W. Co., 68 Thomas, New York *See adv index at end of book*

5867b—*Handles (Shoe Brush)

Estes E. B. & Sons, 364 Fifth av, New York. *See adv index at end of book*

5868— Handles (Socket)

Stewart Frank H. Electric Co., ("Adjustable"), 35 N 7th, Phila., Pa.

5869—Handles (Soldering Copper & Iron)

Andrews Mfg. Co., 413 Commerce, Phila., Pa.
Baker, McMillen Co. (Wood), Akron, O.
Erie City Mfg. Co. (Fireproof), Erie, Pa.
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Nashua Spool & Bobbin Co. (Wood), Grove Hall Station, Boston, Mass.
Osgood J. L. Tool Co. ("Indestructible"), Buffalo, N. Y.
Peterson F. W. Co., 68 Thomas, New York *See adv index at end of book*
Piqua Handle & Mfg. Co. (Wooden), P. O. Box 307, Piqua, O.
Standard Turning Works, Cambridge, Mass.
STILES H. A. & CO. (Wood), 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Stossel Carl & Co., Front Royal, Va.
Sun Enamel Works, Leominster, Mass.
Windham Handle Co., South Windham, Conn.

5869a—*Handles (Special Wood)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

Handles (Store Door)

See Locks & Knobs, Door

5870—Handles (Tack Puller)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Peterson F. W. Co., 68 Thomas, New York *See adv index at end of book*
Stephenson Mfg. Co., South Bend, Ind.

5870a—*Handles (Tea & Coffee Pot)

Estes E. B. & Sons (Enameled Wood), 364 5th av, New York *See adv index at end of book*
Peterson F. W. Co., 68 Thomas, New York *See adv index at end of book*

Handles (Timber Carrier or Lug Hook)

See Handles, Canthook & Peavey.

5870b—*Handles (Tire Pump)

Estes E. B. & Sons, 364 5th av. New York
See adv index at end of book
Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book

5871— Handles (Tool)

See also Handles, Various Kinds; also Handles, Wood

Bayless Mfg. Co. (Hammer, Hatchet, Sledge, Pick), Memphis, Tenn.
Buck Bros. (Chisel Carving Tool, etc), Millbury, Mass.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Burgess & Norton Mfg. Co. ("Bur-Nor" all Steel, Hollow Steel Handle, Shingling, Half Youths, Packing, Full Blade, etc), Geneva, Ill.
Delapierre Arthur, Inc., 19 Warren, New York
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Kelsey Horatio (Axe, Pick, Sledge, Hammer, etc.), Clinton, Conn.
Osgood J. L. Tool Co. ("Indestructible"), Buffalo, N. Y.
Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book
Piqua Handle & Mfg. Co. (Chisel, Carving Tool, File, Auger, Screw Driver, Hammer, Ice Pick, Brad Awl, Trowel, Cleaver, Brace, Wrench, etc), P. O. Box 307, Piqua, O.
Pittsburgh Gage & Supply Co. ("Best-Ov-All"), 30th & Liberty av, Pittsburgh, Pa.
S. & I. Co. (Chisel, File, Hatchet, etc), Springfield, Mass.
Sargent & Company (Chisel, Brad Awl, etc), New Haven, Conn.
Schutz Bros., Inc., 152 Chambers, New York
Smith J. B. (Small, Plain & Polished), Geneva, O.
Standard Turning Works, Cambridge, Mass.
Stephenson Mfg. Co., South Bend, Ind.
STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Stratton Mfg. Co. (Small), Stratton, Me.
Sun Enamel Works (All Kinds, Enameled & Japanned, etc), Leominster, Mass.
U. S. Handle Co. (Farm Tools), Piqua, O.
Windham Handle Co. (Oak, Hickory & Ash, Axe, Pick, Chisel, File, etc), So. Windham, Conn.

5872—Handles (Torch Light)

Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.

5873— Handles (Tray)

Brainerd Mfg. Co., East Rochester, N. Y.
Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book
Weber-Knapp Co. (Cast Brass), Jamestown, N. Y.

5873a— *Handles (Trowel)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book

5873b— Handles (Trunk)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

5874— Handles (Tub)

Auer John Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.
STANLEY WORKS (Wrought Curved Plate), New Britain, Conn.
See adv index at end of book
Stephenson Mfg. Co., South Bend, Ind.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5875— Handles (Umbrella)

Ackerson S., 10 E 15th, New York
Estes E. B. & Sons (Also Parasol), 364 5th av, New York
See adv index at end of book
Levine P. & Co. (Gold & Silver), 247 Centre, N. Y.
Luxenberg & Haskell (Gold, Silver & Wood), 122 Centre, New York
Musser H. M. (With Gold & Silver Mounts), Lancaster, Pa.
Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book

5876—Handles (Vacuum Cleaner)

Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.

5877— Handles (Valve)

See also Wheels, Valve

Eby F. B. Handle Co. (Wooden), 12th & Stanley, Detroit, Mich.
Estes E. B. & Sons (Steam), 364 5th av, New York *See adv index at end of book*
Gallup Ruffing Handle Co., Norwalk, O.
Holton-Abbott Mfg. Co. ("Komtsplit," Wood-Metal Unitized), 59 Goram, West Somerville, Mass.
Jenkins Bros. (Wood, Brass, Tee & Wire), 80 White, New York
Matthews H. A. Mfg. Co. ("Always Cold" Metal, Wire Bound), Seymour, Conn.
Piqua Handle & Mfg. Co. (Wooden), P. O. Box 307, Piqua, O.
Standard Turning Works, Cambridge, Mass.
STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Thayer & Harmon, Ashfield, Mass.

5878-9—Handles (Wagon)

Searls Mfg. Co. (Milk, Express Vans, etc), 29 Mulberry, Newark, N. J.

5879a—*Handles (Wall Scraper)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

5879b— Handles (Wash Boiler)

Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book

5879c—Handles (Whisk Broom)

The Arlington Works (E. I. du Pont de Nemours & Co.), 21 E 40th, New York
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

5880—Handles (White Metal)

Krouse W. E. & Bro. (For Umbrellas, Canes, Whips, etc), Bridgeport, Conn.

5880a—*Handles (Window Brush)

Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5881—Handles (Window & Shutter)

STANLEY WORKS (Wrought Steel), New Britain, Conn.
See adv index at end of book

5882— Handles (Wire Drop)

Clark W J. Co., Salem, O.
New Standard Hardware Works, Mt. Joy, Pa.
Stover Mfg. Co. (For Stoves, etc), Freeport, Ill.

5883— Handles (Wood)

ALABAMA.

UNION SPRINGS—Caldwell-Edwards Handle Mills

ARKANSAS.

CALDWELL—Campbell J. M.
DERMOTT—Burleigh R. & Sons
FAYETTEVILLE — Charlesworth Wm. Handle Co. ("Royal" Oak Axe & Hickory Axe Tool, etc, also "Tuffer" Handles)
FORT SMITH—Fort Smith Handle Co.
HOPE—Ivory Handle Co. (Hickory)
JONESBORO — American Handle Co. (Hickory)
Jonesboro Handle Co. (Farm Tool, Ash)
MARKED TREE—Turner T. J.
PARAGOULD—Hickson-Rogers Mfg. Co.
Paragould Handle Mfg. Co.
RECTOR—Kelly Handle Co.

CONNECTICUT.

CLINTON—Kelsey Horatio (Axe, Pick, Small Tools, etc)
EASTFORD — Keith J. M. & Co. (File, Chisel, etc)
Tatem J. M. Handle Co. (Pick & Sledge)
MADISON—Whedon Webster D.
PEQUABUCK — Allen Chas. I. (File, Chisel, Screw-Driver), etc)
PINE MEADOW — Chapin-Stephens Co. (Plane, Saw, Chisel & File)
PUTNAM—Tatem J. B. & Son (Chisel, Lawn Mower, Leather Capped)
SALISBURY — Salisbury Cutlery Handle Co. (Cutlery)
SEYMOUR—Swan Jas. Co. (Auger, Bit, Chisel)
SOUTH WINDHAM — Windham Handle Co. (Oak, Hickory & Ash, Axe, Pick, Chisel, File, etc)
SOUTHINGTON—Peck, Stow & Wilcox Co.
Southington Mfg. Co.
TORRINGTON—Union Hardware Co.
WALLINGFORD—Ives W. A. Mfg. Co. (Auger)

GEORGIA.

ATLANTA — Atlanta Woodenware Co. (Axe, Broom, etc)
DARIEN—Altamaha Woodworking Co.
ROME—Towers & Sullivan Mfg. Co. (Plane)
SAVANNAH—Deutch Arthur (Axe)

ILLINOIS.

CAIRO—**Clark-Danforth Handle Co. (Edge Tool, Hammer, etc)**
CHICAGO—Borgeson C. E., 1775 Wilson av
Cassaday Fairbank Mfg. Co. (For Small Tools, etc), 6126 S La Salle
CHICAGO HEIGHTS — **Hartwell Bros.** (Pick & Sledge)

INDIANA.

ALTON—Peckinpaugh, Harrison & Co.
AUBURN—Auburn Handle Co.
BLUFFTON—Buck J. M. & Co.
COLUMBUS—Columbus Handle & Tool Co.
CORUNNA—Reynolds Bros.
DECATUR—Lafontaine Handle Co.
FORT WAYNE—National Handle Co.
GREENCASTLE—Bittles Raser (D. Handles)
INDIANAPOLIS—Atkins E. C. & Co. (Cross Cut Saw)
Udell Works (Brush, Duster, etc)
KOKOMO—Buck D. & Co. (Ash)
LEBANON—Wilcox Bros. Mfg. Co.
LOGANSPORT—Hillock & Pitman Co. (All Kinds)
MARION—Marion Handle & Mfg. Co.
MOORES HILL—Bigney Marion E.
MUNCIE—Griffith G. V. & Son
NEWCASTLE—Bond W. C. (D. Handles)
Jennings S. P. & Sons
NEW HAVEN—Schnitker & Sons Co.
Sperry Mfg. Co.
SOUTH BEND—South Bend Dowel Works
Stephenson Mfg Co.
TERRE HAUTE—Terre Haute Handle Co. (Shovel, etc)
VINCENNES—Indiana Handle Co.
WINCHESTER—Boltz B. F. Mfg. Co.

IOWA.

OTTUMWA—Lindsay Mfg. Co.

KENTUCKY.

LOUISVILLE—Turner, Day & Woolworth Handle Co. (Axe, Pick, Sledge, Hammer, Hatchet & Mining Tool)
NEW HAVEN—Greenwell N. Lumber Co.
RED LICK—Cummins & Co.

TURNED WOOD WORK HICKORY HANDLES, VALVE WHEELS, SHOOKS, LOCK CORNER BOXES, VENEER, ETC.

We operate and are selling agents for several mills making *all kind of Turned Wood Work, Foreign and Domestic Woods.* Our mills are equipped with the latest machinery and located in the most advantageous places. We can furnish any finish desired. Send us your sample handles, B. P., or any article made of wood, and we will quote you.

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H. A. STILES & CO. 97 OLIVER STREET Wood Working Department **BOSTON, MASS.**

MAINE.

DIXFIELD—Stowell N. S. & Co. (Small Tools, etc)
EAST HIRAM—Flint N. R. (Axe)
ELLSWORTH—Ellsworth Hardwood Co.
FREEDOM—Freedom Lumber Co.
FRYEBURG—Cook A. W. (Chisel, etc)
HIRAM—Cotton Lemuel & Son (Axe, etc)
LEWISTON—Lewiston Handle Co. (Shovel, Spade, etc)
NORWAY—Novelty Turning Co. (Knife, File, Small Tool, Lather & Stencil Brush, etc)
ROXBURY—Swain & Reed
STRATTON—Stratton Mfg. Co. (Turned Wood)
WEST PARIS—Mann Lewis M. & Son

MARYLAND.

BALTIMORE—Dittmar John & Sons, 800 E Pratt

MASSACHUSETTS.

ALLSTON—Doane Mfg. Co. ("Doctor")
ASHFIELD—Thayer & Harmon (Bit Brace Heads & Handles, Wrench)
BOSTON—Ames Shovel & Tool Co., Ames bldg
Nashua Spool & Bobbin Co. (All Kinds & Sizes), Grove Hall Sta., Boston, Mass.
North American Handle Co. (Hickory Axe, Pick, Sledge & Hammer) Fort Hill sq
STILES H. A. & CO., (Broom, Mop, Tool, Valve, Plain, Enameled, Polished, etc), 93-97 Oliver
See adv index at end of book
CAMBRIDGE—Standard Turning Works
CHARLEMONT—Frary Mfg. Co.
FITCHBURG—Brown Enamel Works
Cushing S. G. & Son, 29 Newton pl
Fitchburg Enamel Co.
Mossman Jerome (Est. of)
GREENFIELD—Rugg Mfg. Co. (Rake Ash, Hoe & Hardwood Broom, Bush, Mop, etc)
LEOMINSTER—Sun Enamel Works
PLAINFIELD—Willcutt G. L.
WATSON—Thayer Geo. A. (Mechanical Tool Handles, Gauge Cocks & Radiator Valve Handles)
WEST CHESTERFIELD—Healy's S. A. Sons (Plane & Saw)
WESTFIELD—Fuller J. J.
WEST MILLBURY—Glover H. W.

MICHIGAN.

ALBA—Jones B. E. Mfg. Co. (Broom, etc)
Nichols A. W.
BELLAIRE—Richardi & Bechtold
CADILLAC—Cadillac Handle Co. (Broom, Torch, etc)
COLDWATER—Hellenberg J. B. Co. (Mallet, Rammer, etc)
DETROIT—Eby F. B. Handle Co. (Lubricators, Gas Cocks, Valves, etc), 12th & Stanley
ESCANABA—Escanaba Mfg. Co. (Broom Mop)
EVART—Davy & Co.
FREEPORT — Cheesebrough Thos. E. (Rake)
LUCAS—Kelly D. B.
LUDINGTON—Handy Things Mfg. Co. (Brush Duster, Small Tool, etc)
LYONS—Lyons Handle & Furniture Co.
NADEAU—Nadeau Bros.
NEWAYGO—Rowe Henry Mfg. Co. (Turned)
ONAWAY—Lobdell Emery Mfg. Co. (Broom Handles)
OWOSSO—Zimmerman J. N. (Hickory)
PARK LAKE—Du Roy Mfg. Co.
VANDERBILT—Olds & Hixson (Brooms)
YPSILANTI—Dickinson Chas. W. (Pick & Sledge)

MINNESOTA.

MINNEAPOLIS—Curtis-Yale-Howard Co. (Carpet Beater, Egg Beater, etc), **1805 S E 5th**

MISSISSIPPI.

MATHISTON—Buckingham W. J. & Son
SARDIS—Carrier Lbr. & Mfg. Co.

MISSOURI.

DES ARC—Graves & Stamp (Hickory, Axe, Pick, Sledge, Hatchet, Hammer, etc)
DEXTER—I. X. L. Handle Mfg. Co. (Pick & Sledge)
GIDEON—Gideon-Anderson Lbr. & Merc. Co.
HUNTSVILLE—Huntsville Handle Mfg. Co.
JACKSON—La Pierre-Sawyer Handle Co.
MALDEN—U. S. Cooperage Co.
MOREHOUSE — Himmelberger-Harrison Lumber Co. (Mop, etc)
POPLAR BLUFF—Hanna & Young Handle Co.
Popular Bluff Handle Works
PUXICO—Fulkerson Bros. Handle Co.
ST. LOUIS—Cupples Samuel Woodenware Co. (Hickory), 7th & Spruce
Keller & Tamm Mfg. Co. (Axe, etc), Victor & Levee
Zelnicker Walter A. Supply Co. ("Zelnicker"), 325 Locust
WYACONDA—Morgan Mfg. Co. (Axe, Pick, Sledge, Maul, Hammer, Hatchet, etc)

NEBRASKA.

LINCOLN—Lee Broom & Duster Co. (Broom, Duster, etc.)

NEW HAMPSHIRE.

EPPING—Epping Handle Co.
KEENE—Ellis Austin A. (Brush)
Pierce F. B. Co. (Brush)
MANCHESTER—Piper B. H. Co. (Axe, etc)
MILFORD—Peirce W. E. & Co. (Pick, Sledge, Hammer, Chisel, Tool, etc.)
NEW DURHAM—Gem Mfg. Co. (Wood Turning & Enameling Div.) **(Brush Enameled & Plain, etc.)**
NORTH WEARE—Flanders Hardware Co.
RUMNEY—Keniston Geo. D. & Son
WOLFEBORO FALLS—Berry O. P. Co.

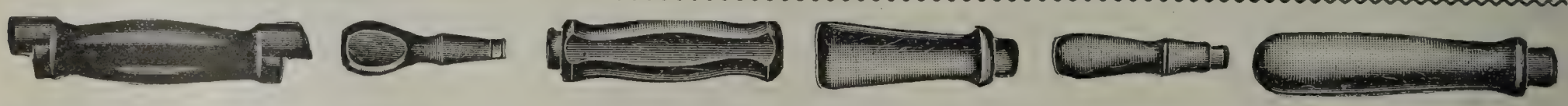
NEW JERSEY.

HOBOKEN—Bantz Bros. (Brush, etc)
NEWARK—Kohaut John C, 117 Green
Sommer John Faucet Co., 355 Central av
SINGAC—Sanderson Robt. (Brush)

NEW YORK.

ADDISON—Harrison Jas. S. & Co.
AMSTERDAM—American Broom & Brush Co. (Broom)
Amsterdam Broom Co. (Broom & Mop)
AUBURN—Cady Mfg. Co.
BLEEKER—Ellis & Smith (Broom)
Peters' John M. Sons
BRASHER FALLS — Hulburd S. W. (Broom)
BUFFALO—Jackson & Tindle (Broom)
HANCOCK—Fish G. R.
Williams H. A. (Est. of)
NEW YORK—American Woodworking Co., 19 Warren
Bogert & Hopper (All Kinds of Small), 67 Barclay
Crane & MacMahon, 10 Bridge
ESTES E. B. & SONS (All Kinds & Sizes for Every Purpose), 364 5th av. *See adv index at end of book*
McCherry Co., 81 Walker
N. Y. Mallet & Handle Works, 743 E 11th
Ransome-Leach, 115 B'way
Schutz Bros., Inc., 152 Chambers
Standard Handle Co., 183 W Houston

F. W. PETERSON CO.
68 Thomas St. **New York**
ROUND
FLAT
OCTAGON **HANDLES**
For **Tools Brushes, Household or Hollow Ware**
Plain, Polished, Enameled, Stained in Colors
Mill—N. Y., Penn. & N. E. States



Established 1847

E. B. ESTES & SONS

Manufacturers of

TOOL HANDLES—SCREW DRIVER, AWL, Etc.

Also Handles for Household Utilities and Hollow Ware, Plain, Polished or Enameled in any Style.

364 5th AVE., NEW YORK CITY

United Handle Mills (Hickory & Ash), 149 B'way
WELLSVILLE—American Novelty Works (Fan & Fly Swatter)
Worth H. P. & Co., 180 West

NORTH CAROLINA.

CONOVER—Hickory Handle & Mfg. Co.
WILMINGTON—Levering Mfg. Co.

OHIO.

AKRON—Baker, McMillen Co. (Screw Driver, File, Duster, Small Tool)
Kile Mfg. Co. (Hickory Hammer, Hatchet & Toy)
ALLIANCE—Buckeye Handle, Gear & Bending Co.
BELLEVUE—Ohio Cultivator Co.
BROADWAY—Goff W. H.
BRYAN—Ash & Willey
BUTLER—Richland Handle Co.
CANFIELD—Canfield Mfg. & Novelty Co.
CLEVELAND—American Fork & Hoe Co. (Fork, Rake, Hoe, Shovel, Spade, etc)
Cleveland Osborne Mfg. Co. (For Push Brooms), 5405 E Hamilton
National Handle Co. (Broom, Fork, Hoe, Rake, Spade, etc)
COLUMBIANA—Columbiana Mfg. Co.
COLUMBUS—Union Fork & Hoe Co. (Hoe, Rake, etc.)
COLUMBUS GROVE—Jones J. F. Sons (Shaved)
DAYTON—Dayton D Handle Co. ("D")
DELPHOS—Schaffer J. C.
EATON—Hiestand & Co.
EDON—Sheline E. R. & Son
FINDLAY—National Handle Co.
GALION—Galion Handle & Mfg. Co.
GENEVA—Smith J. B. (Tool)
HICKSVILLE—Crook Son & Co.
Hicksville Handle Co.
Miller Mfg. Co.
LIMA—Selfridge O. B. Co.
MARYSVILLE—Lentz' C. F. Sons
MESOPOTAMIA—Noble E. L.
MONROEVILLE—Yingling Bros. & Co.
NAPOLEON—Napoleon Lumber & Handle Co.
NEW BREMEN—Brockie J. W.
Clark Allen & Co.
NORWALK—Gallup Ruffing Handle Co. (Special, File, Sad Iron, Valve, etc)
McCrillis Handle Co. (Pick)
PIQUA—Piqua Handle & Mfg. Co. (Rake, Fork, Hoe, Chisel, File, Auger, Screw Driver, etc), P. O. Box 307
U. S. Handle Co.
SIDNEY—Benjamin C. W.
SPENCERVILLE—Reynolds, W. A. Lumber Co.
SPRINGFIELD—Bryant Mfg. Co.
VALLEY CITY—Wood Frank V.
WAPAKONETA—Standard Churn Co. (Hay, Rake, Hoe & Broom)
WASHINGTON C. H.—Washington Handle Co.
Washington Mfg. Co.

OREGON.

PORTLAND—Portland Basket & Handle Co.

PENNSYLVANIA.

BEDFORD—McLaughlin J. L. & Sons (Axe)
BETHLEHEM—Strock L. W. & Co. (Chisel, Hammer, Hatchet, Axe, Pick, Sledge, File, Eyeless Pick, etc)
CORRY—Mahle C. A. & Son (Ltd.) (For Small Tools)
CORYDON—Keystone Handle Co.
ELDRED—Prouty C. & Co. (Cross-Cut, Cant Hook, etc)
ELKLAND—Sheldon H. Mfg. Co. (Fan & Fly Swatter)
ERIE—Ely T. J. Mfg. Co. (Cross Cut, Saw & "D", etc)
Erie City Mfg. Co. ("Arrow" Cross-Cut Saw, Mop)
HOWARD—Howard Handle & Spoke Co.
KANE—Holgate Bros. Co. (Brush)
KINZUA—Sheldon Handle Co.
LAKE COMO—Williams H. A.
MOUNTAIN EAGLE—Leathers Earl H.
NORRISTOWN—Brusher J. B. (Axe, Pick, Sledge, Hammer & Hatchet)
PASSER—Hottel Benjamin K.
PHILADELPHIA—Weber Chas., 234 Ionic
PICTURE ROCKS—Handle & Excelsior Co.
QUAKERTOWN—Landis S. H. & Bro.
READING—Reading Wood Pulley Co.
TITUSVILLE—Tittusville Handle Co. (Axe, Pick, Sledge Hammer, Hatchet & Cant Hook)
UNION CITY—Caflisch Fred (Pick & Sledge)
Clark Haniel & Son (Shovel)
Novelty Wood Works Co. (Small Tool)
WARREN—Peterson Samual (Ash & Hickory, Axe, Pick, Sledge, Mining, etc

RHODE ISLAND.

PROVIDENCE—American Enamel Co.
Narragansett Machine Co.

TENNESSEE.

BAXTER—Isbell J. A.
CHATTANOOGA—American Mfg. Co. ("D")
COOKEVILLE—Gregory T. J. Handle Works
DICKSON—Leathers A. H. Handle Co.
ERIN—Goodwin L. P. (Axe, etc)
HARRIMAN—Harriman Mfg. Co.
JOHNSON CITY—Harris Mfg. Co. (Plow)
JOHNSONVILLE—Keystone Handle Co.
KNOXVILLE—Colonial Handle Co. (Hickory)
LAWENCEBURG—Wylie A. P. Mfg. Co.
McMINNVILLE—Burroughs-Ross-Colville Co.
MANCHESTER—Manchester Mfg. Co.
MEMPHIS—Bayless Mfg. Co. (Hickory, Ash, Gum, Oak)
Willingham E. G. (Hickory)
NASHVILLE—Turner, Day & Woolworth Handle Co. (Axe, Pick, Sledge & Mining Tool Handles)
SEQUATCHIE—Sequatchie Handle Works
TULLAHOMA—Campbell M. R.

VERMONT.

BELLOWS FALLS—Derby & Ball (Fork, Scythe, Snaths, etc)
BURLINGTON—Vermont Shade Roller Co. (Mop)
EAST BARNET—Roy Bros.
WEST ARLINGTON—Williams & Marshall

VIRGINIA.

COLUMBIA—Baker H. P. & Co.
FARMVILLE—Farmville Mfg. Co. (Plow)
FRONT ROYAL—Stossel Carl & Co.
JETERSVILLE—Warriner R. B.
MARION—Look & Lincoln (Plow)
RICHMOND—Brinser E. C. Sons
ROUND HILL—Marcus J. L.
Moatz D. L.

WEST VIRGINIA.

BERKELEY SPRINGS—Crosfield Wm.
CHARLESTON—Kelly Handle Co. (Axe)
Ohio Tool Co. (Chisel, File, Plane, Auger, etc.)
HUNTINGTON—Huntington Handle Co.

WISCONSIN.

CAMERON—Oak Grove Handle Co.
WAUSAU—Curtis & Yale Co. (Carpet Beater, Egg Beater, etc)

5883a— *Handles (Wrench)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5884—*Handles & Rollers (Lawn Mower)

ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*

5885—Hands (Clock & Watch)

Winn J. H. Sons, Winchester, Mass.

5886— Handspikes

American Logging Tool Co., Evart, Mich.
Ransome-Leach Co. (Wood Handle), 115 B'way, New York

5886a—*Handtraps (for Throwing Clay Targets)

DU PONT DE NEMOURS & CO. (E. I.), Wilmington, Del.
For branch offices see adv index at end of book

5886b— Hangars (Airplane)

American Bridge Co., 30 Church, New York
Anchor Corrugating Constr. Co., 140 Washing, New York
Ashley Steel Building Co., Inc. (Portable), 1790 B'way, New York
Austin Co., 14230 Euclid av, Cleveland, O.
Barney John M., 250 W 108th, New York
Howell, Field & Goddard, Inc., Long Island City, N. Y.
Keasby & Mattisen, Ambler, Pa.
Milliken Bros., 111 B'way, New York
Pruden C. D. Co., Warner & Dock, Baltimore, Md.
Va. Bridge & Iron Co., Roanoke, W. Va.

Hangers (Arc Lamp)

See Insulators, Arc Lamp

5887—Hangers (Building Bracket)

Wagner Mfg. Co., Cedar Falls, Ia.

5888— Hangers (Cable)

See also Hangers, Electric Cable
Joslyn Mfg. & Supply Co., Chamber of Commerce bldg, Chicago, Ill.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book

Hangers (Clothes)

See Hangers, Garment

5889— Hangers (Concrete)

Duplex Hanger Co. ("Duplex"), E 53d & Lakeside av, Cleveland, O.
Flagg Stanley G. & Co. (Mall. Iron), Morris bldg. Phila., Pa.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Mulvey Mfg. Co. (Block Joist), 1840 Carroll av, Chicago, Ill.
Perkins Appliance Co., Springfield, Mass.

5890—Hangers (Conductor Pipe)

See also Hangers, Eave Trough
Iwan Bros. (Wire), South Bend, Ind.
Klauer Mfg. Co., Dubuque, Ia.
Merchant & Evans Co., 2035 Washington av, Phila., Pa.
See adv index at end of book
Milwaukee Corrugating Co., Milwaukee, Wis.
Ohio Corrugating Co., Warren, O.
Reeves Mfg. Co., Dover, O.
Wheeling-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.

5891— Hangers (Conduit)

Appleton Elec. Co., 230 N Jefferson, Chicago, Ill.
Chicago Expansion Bolt Co. ("Chicago"), 111 N Jefferson, Chicago, Ill.
Columbia Metal Box Co., 226 E 14th, New York
Condit Electrical Mfg. Co. ("Shawmut"), 1st & L, Boston, Mass.
Free & Mason, 81 Beekman, New York
Fralick S. R. & Co., 15 S Clinton, Chicago, Ill.
General Electric Co., Schenectady, N. Y.
See adv index at end of book
Grabler Mfg. Co., Cleveland, O.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Ill. Malleable Iron Co., 1801 Diversey blvd, **Chicago, Ill.** *See adv index at end of book*
Kales-Haskel Co., 459 Lafayette W, Detroit, Mich.
Lanz, M. & Sons, 2907 Carson, Pittsburgh, Pa.
Leahy, John J., 48 Dey, New York
Lovell F. H. & Co., Arlington, N. J.
Minerallac Elec. Co., 1045 Washington blvd, Chicago, Ill.
North Western Stamping Co., Burlington, Ia.
Pass & Seymour, Solvay, N. Y.
Thomas & Betts Co., 63 Vesey, New York
Wall P. Mfg. Supply Co., 705 Preble av, Pittsburgh, Pa.
Wrigley Thomas Co., 504 Sherman, Chicago, Ill.

5892-3— Hangers (Cut-Out)

Brady Elec. Mfg. Co., New Britain, Conn.
Cutter Geo. Co., South Bend, Ind.
High Tension Elec. Spec. Co. Newton, Mass.
Metropolitan Engng. Co., 35 Vestry, New York
Phila. Elec'l & Mfg. Co., 1236 N 31stst, Phila., Pa.
Thompson Electric Co. (**"Thompson" Safety Automatically cuts out any** Lamp in a Multiple Circuit, & lowers it), 5606 Euclid, Cleveland, O.

Hangers (Door)

See Door Hangers.

5894—Hangers (Eave-Trough)

Abbott Mfg. Co. ("New Peerless," Galvanized), Cleveland, O.
American Rolling Mill Co., Middletown, O.
Andrews Wire & Iron Works, Rockford, Ill.
Badger Steel Roofing & Corrugating Co., La Crosse, Wis.
Bell J. W. Co., Mercer, Pa.
Berger Bros. Co., 229 Arch, Phila., Pa.
Berger L. D. Co., 59 N 2d, Phila., Pa.
Berger Mfg. Co. (Steel & Wire), Canton, Ohio
Bostwick Steel Lath Co., Niles, O.
Cambridge Roofing Co., Cambridge, O.
Canton Art Metal Co., Canton, O.
Canton Cornice & Skylight Co. ("Batdorff's"), Canton, O.
Clark-Smith Hardware Co. ("Peoria"), Peoria, Ill.
Delphos Mfg. Co., 1st & Pierce, Delphos, O.
Dowman-Dozier Mfg. Co., Atlanta, Ga.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Eller Mfg. Co., Canton, O.
Eureka Fence Mfg. Co. ("Richmond" Adjustable), Richmond, Ind.
Excelsior Steel Furnace Co., 118 S Clinton, Chicago, Ill.
Friedley-Voshardt Co., 733 S Halsted, Chicago, Ill.
Harman Eave Trough Hanger Co., New Philadelphia, O.
Heartley Machine, Variety Iron & Tool Works, 900 Summit, Toledo, O.
Horan Stay Hanger Co., 1932 W Jefferson, Louisville, Ky.
Iowa Ditching Machine Co. ("Taft"), Mt. Pleasant, Ia.
Joliet Mfg. Co., Joliet, Ill.
Klauer Mfg. Co., Dubuque, Ia.
Merchant & Evans Co., 2035 Washington av, Phila., Pa.
See adv index at end of book
Messenger & Parks Mfg. Co., Aurora, Ill.
Milwaukee Corrugating Co., Milwaukee, Wis.
Ohio Corrugating Co., Warren, O.
Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
Reeves Mfg. Co. ("Dover" Wire), Dover, O.
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
Tiffin Art Metal Co., 20 Broad, Tiffin, O.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.) (Eave Trough & Conductor Pipe Fittings), Wheeling, W. Va.
Wusterbarth Bros., Meriden, Conn.

5895—Hangers (Electric Cable)

Allen Iron & Steel Co., 3d & Venango, Phila., Pa.
Anderson Albert & J. M. Mfg. Co. (Feed Wire Insulators), 289 A, Boston, Mass.
Anderson Forge & Machine Co. (Manhole Cable), Detroit, Mich.
Anderson W. H. Tool & Supply Co. (For Manholes), Brush & Macomb, Detroit, Mich.
Baugh Cable Clip Co., Hopkinsville, Ky.
Bissell F. Co., Toledo, O.
Bonita Mfg. Co., Hancock & Columbia, Phila., Pa.
Cameron Appliance Co. ("Locke"), Everett, Mass.
Condit Electrical Mfg. Co. ("Boston"), 1st & L, Boston, Mass.
Cook Frank B. Co., 326 W Madison, Chicago, Ill.
DIAMOND EXPANSION BOLT CO. ("Long-Saut"), 89 West, New York
See adv index at end of book
Electric Service Supplies Co., 17th & Cambria, Phila., Pa.
Empire Galvanizing Co. (Galvanized), 2507 E Cumberland, Phila., Pa.
Eureka Supply Co., Sewell, N. J.
Fletcher Mfg. Co. (Iron Insulated, etc), Dayton, O.
Hallett Iron Works, Harvey, Ill.
Harvard Elec. Co., 525 Van Buren, Chicago, Ill.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Krantz Mfg. Co. ("Tower"), 160 7th, Brooklyn, N. Y.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Lingle Mfg. Co., Clinton, Mo.
Minerallac Electric Co., 1045 Washington blvd, Chicago, Ill.
National Telephone Supply Co. ("Universal"), 5100 Superior av, Cleveland, O.
Norton W. T., West Park, O.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pettingell-Andrews Co. ("O'Neill"), 166 Pearl, Boston, Mass.
Reliable Elec. Co., 411 S. Sangamon, Chicago, Ill.
Rhode Island Telephone & Electric Co. ("Wright"), 55 Pine, Providence, R. I.
Standard Underground Cable Co. ("Nordyke" Supports), Pittsburgh, Pa.
Steel City Elec. Co., 1207 Columbus av, Pittsburgh, Pa.
Wrigley Thos. Co., 504 Sherman, Chicago, Ill.

5895a—Hangers (Fixture and Box)

Allsteelequipt Co., 222 John, Aurora, Ill.
Austin M. B. & Co. (Sole Selling Agts., Economy Elec. Specty. Co.), 706 Jackson blvd, Chicago, Ill.
Cutter Geo. Co., 415 Notre Dame, So Bend, Ind.
Efficiency Elec. Co., E Palestine, O.
Federal Sign System (Elec.), 640 W Lake, Chicago, Ill.
Fee & Mason, 81 Beekman, New York
Harter Mfg. Co., 522 S Clinton, Chicago, Ill.
Harvard Elec. Co., 525 W Van Buren, Chicago, Ill.
Inland Elec. Co., 16 N Franklin, Chicago, Ill.
Overbagh Cameron, 224 W Illinois, Chicago, Ill.
Williamson & Co., Washington & Jefferson, Chicago, Ill.

5895b—Hangers (Garage Door)

Allith Prouty Co., Danville, Ill.
Coburn Trolley Track Mfg. Co., Holyoke, Mass.
Hune, Helen, Ferris & Co., Harvard, Ill.
Lane Bros. Co., Poughkeepsie, N. Y.
Louden Machy. Co., Fairfield, Ia.
McKinney Mfg. Co., Locust, Phila., Pa.
National Brass Co., Grand Rapids, Mich.
Richards Wilcox Mfg. Co., Aurora, Ill.
Stanley Works, New Britain, Conn.
See adv index at end of book

5896— Hangers (Garment)

American Mfg. Concern (Adv.), Falconer, N. Y.
Andrews Wire & Iron Works ("Androck" "Ideal," Trousers, Garment, etc.), Rockford, Ill.
Belmar Mfg. Co., Canton, Pa.
Bogert & Hopper (Wooden), 67 Barclay, New York
Brager B. & Sons (Combination Wood & Wire), 84 5th av, New York
Brooks M. S. & Sons (Folding Coat), Chester, Conn.
Buckingham Rae Co., 208 S La Salle, Chicago, Ill.
Caldwell Mfg. Co., ("Up-to-Date"), Rochester, N. Y.
Canham Victor H. & Co., Buffalo, N. Y.
Cassady Fairbank Mfg. Co. (Skirt, Trousers, Coat, etc., "Ruby," "Euclid," "Columbia," "Mathews," "Ely," "Jerrems"), 6126 S La Salle, Chicago, Ill.
Chicago Form Co., 175 W Jackson blvd, Chicago, Ill.
Collapsible Form Hanger Co., 107 W 25th, New York
Columbia Mfg. Co., Easthampton, Mass.
Conn A. H., Cedar Rapids, Ia.
Dawson J. R. Mfg. Co., 3646 N Lawrence, Phila., Pa.
Eclipse Co. (Wooden), N Girard, Pa.
Estes E. B. & Sons, ("Peerless," "Trauzerak"), 364 5th av, New York
See adv index at end of book
Fischer Bros. & Corwin (Folding, etc), 635 N. 3d, Newark, N. J.
Forsyth Metal Goods Co., E. Aurora, N. Y.
Freshour Henry C. ("Perfect"), Bridgeport, Conn.
Greenwald Display Fixture Co., 234 5th av, New York
Hamblin & Russell Mfg. Co., Worcester, Mass.
Hampden Toy Co. ("Paragon De Luxe"), Westfield, Mass.
Hincher Mfg. Co. ("Peerless"), Washington, Ind.
Jencks E. Mfg. Co. (Coat, Trousers, Folding, etc), Worcester, Mass.
Jenkinson R. C. & Co. (Wire Coat, etc), 293 Washington, Newark, N. J.
Keonig D. B. & Co., Hazelton, Pa.
L. A. W. Novelty Co. ("Buxton" Folding), Springfield, Mass.
Lewald F. & Co., ("Itsaezle"), 500 S Wells, Chicago, Ill.
Morgan Spring Co. (Folding), Worcester, Mass. *See adv index at end of book*
Nagely John, Toledo, O.
National Hanger & Fixture Mfg. Co. ("Faultless"), 496 E 134th, New York
National Mfg. Co. (Wire, "Natwire"), Worcester, Mass.
Parker Wire Goods Co. (Wire), Worcester, Mass.
Parkesburg Stamping & Mfg. Co. (Wire), Parkesburg, Pa.
Pratt Wm. E. Mfg. Co. ("Perfect"), 35 W Lake, Chicago, Ill.
Pullman Mfg. Co. (Rods & Loops ("Pullman-Rochester"), Rochester, N. Y.
Racine Iron & Wire Works (Coat), Racine, Wis.
Rocky Hill Hardware Co. ("Leader," "Delespo," "Duplex"), Rocky Hill, Conn.
Sachnoff G. & Co. (Wire), 138 Mott, New York
Seed Filter & Mfg. Co. ("Victor"), 73 Franklin, New York
Standard Fibre Co. (Fibre Coat Hangers), Miller st, Somerville, Mass.
Taplin Mfg. Co. ("Victor" Folding), New Britain, Conn.
Taylor Mfg. Co. ("Taylor," All Kinds), Princeton, Ind.
Thurman Mfg. Co., Madera, Cal.
Timberlake J. B. & Sons (Wire), Jackson, Mich.
Troy Wire Goods Co., Troy, N. Y.
U. S. Lock & Hardware Co., Columbia, Pa.
West Electric Hair Curler Co. ("Elco"), **Hancock & Columbia, Phila., Pa.**
West Lafayette Mfg. Co. (Coat), West Lafayette, O.
Wire Goods Co., Worcester, Mass.
Wire Hardware Co., 6126 S La Salle, Chicago, Ill.
Wisconsin Textile Mfg. Co., Two Rivers, Wis.
Woods-Sherwood Co. (Wire), Worcester, Mass.

5896a— *Hangers (Gate)

MYERS F. E. & BRO., 800 Orange, Ashland, O. *See adv index at end of book*

5897— Hangers (Harness)

Berry Chas. E. ("Berry" for Swing Harness for Fire Dep'ts, etc.), Somerville, Mass
Imperial Bit & Snap Co. ("Imperial") Racine, Wis

5898—Hangers (Hinge & Rail)

Grabler Mfg. Co. (Forged, etc.), Cleveland, O.
MYERS F. E. & BRO. ("Myers"), 800 Orange, Ashland, O.
See adv index at end of book
Safety Door Hanger Co., Ashland, O.

5899— Hangers (Joist)

Bethlehem Steel Co., So. Bethlehem, Pa.
Chesapeake Iron Works, Westport, Baltimore, Md.
Chicago Builders' Specialties Co., 11 S La Salle, Chicago, Ill.
Clark W. J. Co. ("Lane"), Salem, O.
Columbian Hardware Co. ("Cleveland," "Buckeye"), Cleveland, O.
Decatur Cornice & Roofing Co., New Decatur, Ala.
Duplex Hanger Co. ("Duplex"), E 53d & Lakeside av, Cleveland, O.
Ernst C K, Buffalo, N. Y.
Ernst's Chas. F. Sons (Steel), Buffalo, N. Y.
Goetz Box Anchor Co., New Albany, Ind.
Hastings Foundry & Iron Works, Hastings, Neb.
Heughes F. L. & Co. ("Heughes"), Rochester, N. Y.
Ideal Hanger Co., Cleveland, O.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lane Bros. Co. (Steel), Poughkeepsie, N. Y.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Londelius C. A. & Sons Co., 847 W 63d, Chicago, Ill.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
Mulvey Chas. Mfg. Co., 1840 Carroll av, Chicago, Ill.
National Iron & Wire Co. (Steel), Cleveland, O.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Philips A. A. Jr, 2219 Pitkin av, Brooklyn, N. Y.
Republic Structural Iron Works Co., 1350 E 53d, Cleveland, O.
Rieseck Iron Works (Wrought Steel), 1201 Metropolitan, Pittsburgh, Pa.
St. Louis Wire & Iron Co., St. Louis, Mo.
Schreiber L. & Sons Co., 3869 Ivanhoe, Cincinnati, O.
Smith A. L. Iron Works, Chelsea, Mass.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Truscon Steel Co. (Kahn System), Youngstown, O.
TYLOR W. S. CO., Cleveland, O.
See adv index at end of book
Van Dorn Iron Works Co. (Steel), **2700 E** 79th, Cleveland, O.
Variety Mfg. Co. ("Mulvey"), 2958 Carroll av, Chicago, Ill.
Western Iron & Foundry Co., Wichita, Kans.

5900—Hangers (Messenger)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Joslyn Mfg. & Supply Co., Chamber of Commerce bldg, Chicago, Ill.

5901— Hangers (Mine)

Electric Railway Equipment Co. ("Black Diamond"), Cincinnati, O.
Electric Service Supplies Co. ("Keystone"), 17th & Cambria, Phila., Pa.
Ohio Brass Co. (& Insulated Trolley), Mansfield, O.

Hangers (Picture)

See Hooks, Picture

5902— Hangers (Pipe)

Acme Mfg. Co. ("Acme," Brass), Bangor, Me.
Badger Brass Mfg. Co., Kenosha, Wis.
Barrett Jas. Mfg. Co. (Brass), 117 Pearl, Boston, Mass.
Beaton & Cadwell Mfg. Co. ("Perfection," "Jumbo," Malleable Iron, Steel and Galvanized Band), New Britain, Conn.
Beaton & Corbin Mfg. Co., Southington, Conn.
Berger Bros. Co., 229 Arch, Phila., Pa.
Billings D. L. & Co. ("Perfect"), 762 Dudley, Boston, Mass.
Blake Specialty Co., Rock Island, Ill.
Cann & Saul, 516 Commerce, Phila., Pa.
Carpenter L. A. Press Metal Co. ("O. U." "Vav"), Cambridge, Mass.
Chicago Expansion Bolt Co. ("Chicago"), 111 N Jefferson, Chicago, Ill.
Collins Mfg. Co., 126 First av, Pittsburgh, Pa.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Crawford Co., 846 S Canal, Chicago, Ill.
Cryer T. B. Co., 249 High, Newark, N. J.
Devlin Thos. Mfg. Co. ("Kane," "National"), 3d & Lehigh av, Phila., Pa.
Donovan D. A. ("Dad"), Auburn, N. Y.
Fee & Mason (Iron & Brass), 81 Beekman, New York
Flagg Stanley G. & Co. (Malleable Iron), Morris bldg, Phila, Pa.
Foote J. B. Foundry Co., Fredericktown, O.
General Fire Extinguisher Co., Providence, R. I.
Glenn Fred E. ("Expansion Ring"), St. Charles, Ill.
Grabler Mfg. Co. ("Grabler" Universal Extension, Split Ring, U., etc.), Cleveland, O.
Haydenville Co., Haydenville, Mass.
Hayes Pump & Planter Co. ("Dack"), Galva, Ill.
Hoffmann B. Mfg. Co. (Expansion, etc), **257 6th, Milwaukee, Wis.**
Hoopes & Townsend Co., Broad & Buttonwood, Phila, Pa.
Illinois Engineering Co. ("Eclipse"), 5021 S State, Chicago, Ill.
Illinois Malleable Iron Co. ("Chicago"), 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
Jarecki Mfg. Co. ("Erie"), Erie, Pa.
Keating E. F. Co., 446 Water, New York
Kelly & Jones Co. ("Jones" Expansion, etc.), **135 Water, Pittsburgh, Pa.**
Kenway P., Pearl, Boston, Mass.
Kriebel & Co., 826 Spring Garden, Phila., Pa.
Kupferle Jno. C. Foundry Co. (Expansion), 1st & Wright, St. Louis, Mo.
Lane Ira G. Co. ("Away from the Wall"), 1077 3d av, New York
Lange August K., 606 E 15th, New York
Larkin J K. & Co., 34 Reade, New York
See adv index at end of book
McCullom George (Malleable), Muskegon, Mich.
Modern Iron Works (Expansion or Ring Hooks, Quincy, Ill.
Moore Joshua, Marseilles, Ill.
NASON MFG. CO. (Jobbers), 71 Fulton, New York *See adv index at end of book*
National Supply Co., Toledo, O.
Nauffts Co. "(McShane"), 127 Purchase, Boston, Mass.
Neptune Hardware Mfg. Co., 54 South, New York
Newbury Jay H., Goshen, N. Y.
Newbury Mfg. Co. (Adjustable Expansion, etc), Monroe, N. Y.
Norman C. Erwin & Co. ("Cenco"), 18 W Kinzie, Chicago, Ill.
Orcutt Pipe Hanger Co., Factory bldg, Toledo, O.
Park & McKay, 55 Bagley av, Detroit, Mich.
Peck Bros. & Co., New Haven, Conn.
Penn. Engineering Co. ("Hanna" Ball Joint, Malleable Iron), 312 Cherry, Phila., Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Robinson Mfg. Co., Cleveland, O.
Rockwood Sprinkler Co. ("Worcester" Adjustable Clips), Worcester, Mass.
Rutzler Enoch Co. ("Universal"), 404 E 49th, New York
Simmons John Co. ("American," "Netherland"), 110 Centre, New York
Sproul & McGurrin Co. ("I. X. L."), Grand Rapids, Mich.
Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
Walworth Mfg. Co., Boston, Mass.
Webb F. W. Mfg. Co., 56 Elm, Boston, Mass.
Wise J. B., Inc., Watertown, N. Y.
Wolverine Brass Works, Grand Rapids, Mich.

5903— Hangers (Plate, Etc.)

Parker Wire Goods Co. (Sectional Wire), Worcester, Mass.

5904—Hangers (Ring Oiling)

American Tool & Machine Co., 10 High, Boston, Mass.
Bond Foundry & Machine Co., Manheim, Pa.
Brown A. & F. Co., 79 Barclay, New York.
Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
Dodge Sales & Engineering Co., Mishawaka, Ind.
Eastwood Benj. Co., Paterson, N. J.
Fairbanks Co. (Jobbers), 416 Broome, New York
For branch houses see Alphabetical Section
Great Western Mfg. Co., Leavenworth, Kan.
Hill Clutch Co. (and collar oiling), 1000 W 58th, Cleveland, O.
Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill
Jones & Laughlin Steel Co. (Shaft Ring), Ross, Pittsburgh, Pa.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
National Foundry Mfg. & Supply Co. ("National"), Williamsport, Pa.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Salem Foundry & Machine Works, Salem, Va.
Valley Iron Works, Williamsport, Pa.
Walker Mfg. Co., Denver, Colo.
Webster Mfg. Co., Tiffin, O.
Wood's T. B. Sons Co. ("B. & S."), Chambersburg, Pa.

5905— Hangers (Roller)

Grabler Mfg. Co. (For Wrought Iron Pipe, etc), Cleveland, O.

5906—Hangers (Roller & Ball Bearing)

MYERS F. E. & BRO., 800 Orange, Ashland, O. *See adv index at end of book*
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Royersford Foundry & Machine Co. ("Sells"), Royersford, Pa.
Valley Iron Works, Williamsport, Pa.

5907— Hangers (Self-Oiling)

American Tool & Machine Co. ("American," "Boston" & "Giant"), 10 High, Boston, Mass.
Brightman Machine Co., Cleveland, O.
Brown A. & F. Co., 79 Barclay, New York.
Brown & Sharpe Mfg. Co., Providence, R. I.
Cresson-Morris Co., Allegheny & 18th, Phila, Pa.
DODGE SALES & ENGINEERING CO. (Capillary, Ring, Wick or Chain Oiling), Mishawaka, Ind.
Eastwood Benj. Co., Paterson, N. J.
Falls Clutch & Machinery Co., Cuyahoga Falls, O.
Fay J. A. & Egan Co., Cincinnati, O.
Great Western Mfg. Co., Leavenworth, Kan.
Hill Clutch Co. (and collar oiling), 1000 W 58th, Cleveland, O.
Jeffrey Mfg Co., 961 N Fourth, Columbus, O. *See adv index at end of book*
Jones & McLaughlin Steel Co., Ross, Pittsburgh, Pa.
LINK-BELT CO., 39th & Stewart av, **Chicago, Ill., & Hunting Park av & P. &** R. Ry., Phila., Pa.
See adv index at end of book
Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Olney & Warrin ("Howard"), 406 Broome, New York
Royersford Foundry & Machine Co., Royersford, Pa.
Sprout, Waldron & Co., Muncy, Pa.
Valley Iron Works, Williamsport, Pa.
Walker Mfg. Co., Denver, Colo.
Webster Mfg. Co., Tiffin, O.
Woonsocket Machine & Press Co., Woonsocket, R. I.

5908—Hangers (Shaft, Ball Bearing)

Fairbanks Co. (Jobbers), 416 Broome, New York.
For branch houses see Alphabetical Section
Gurney Ball Bearing Co., Jamestown, N. Y.
Hess-Bright Mfg. Co. ("H. B.—D. W. F."), Front & Erie, Phila., Pa.
Hubbard Machine Co. ("S. K. F."), Worcester, Mass.
Jeffrey Mfg Co., 961 N Fourth, Columbus, O. *See adv index at end of book*
S. K. F. Ball Bearing Co. ("S. K. F." Self-Aligning), Hartford, Conn.
Sprout, Waldron & Co., Muncy, Pa.

5908a—*Hangers (Shaft, Post, Bracket, Etc.)

See Also Power Transmitting Machinery
FAIRBANKS CO. (Jobbers), 416 Broome, New York
For branch houses see Alphabetical Section

5909—Hangers (Shaft, Pressed Steel)

Bond Foundry & Machine Co. ("Lytestrong"), Manheim, Pa.
Chain Belt Co., Milwaukee, Wis.
Standard Pressed Steel Co. ("American Pioneer"), 20th & Clearfield, Phila., Pa.

5910—Hangers (Step & Running Board)

BOSSERT CORPORATION, THE, Utica, N. Y. *See adv index at end of book*
Cleveland Hardware Co., Cleveland, O.
Columbus Bolt Works Co., Columbus, O.
Crosby Co., 183 Pratt, Buffalo, N. Y.
Detroit Pressed Steel Co., Detroit, Mich.
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Keystone Drop Forge Works (For Car Steps, etc). Chester, Pa.
Rochester Pressed Steel Co. (Pressed Steel for Autos), Rochester, N. Y.

5911—Hangers (Storm Sash & Screen)

Butter G. A. ("Daisy"), 603 Mitchell, Milwaukee, Wis.
Dennis W. J. & Co. ("E Z. Way" "Greenfield"), 2120 W Lake, Chicago, Ill.
Diehl Novelty Co. ("Diehl"), Glenbeulah, Wis.
Frantz Mfg. Co., Sterling, Ill.
Kees F. D. Mfg. Co. ("Kees-Gossett"), Beatrice, Neb.
Kieffer Bros., Syracuse, N. Y.
Lawrence Bros., Sterling, Ill.
National Mfg. Co. (Automatic), Sterling, Ill.
Phenix Mfg. Co. ("Phenix"; also Fasteners), Milwaukee, Wis.
Rock City Mfg. Co. ("Jiffy"), Wabash, Ind.
Rowland Mfg. Co. (For Half Screens), Denver, Colo.
Sharon Hardware Mfg. Co. ("Sharon"), Sharon, Pa.
STANLEY WORKS ("Schroeder's Peerless" Hanger & Fastener), New Britain, Conn. *See adv index at end of book*
Tolman I. W., Worcester, Mass.
See adv index at end of book
Wagner Mfg. Co. ("Wagner." for Screw & Storm Sash), Cedar Falls, Ia.
Watrous Acme Mfg. Co. ("Watrous" Screen Hanger), Des Moines, Ia.
Winter R. G. Mfg. Co. ("Sensible"), 2102 Vliet, Milwaukee, Wis.
Woodruff W. W. & Sons Co. ("Dolbers"), Mt. Carmel, Conn.

5912—Hangers (Trolley Wire)

Anderson Albert & J. M. Mfg. Co. (Straight Line & Curve Suspension), 289 A, Boston, Mass.
Creaghead Engineering Co. ("Creaghead" Armored Cap-Cone), 340 Main, Cincinnati, O.
Drew Electric & Mfg. Co., Indianapolis, Ind.
Electrical Railway Equipment Co. ("Universal"), Cincinnati, O.
Electrose Mfg. Co., 70 Washington, Brooklyn, N. Y.
Eureka Co., North East, Pa.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Ohio Brass Co., Mansfield, O.
Phila. Electrical & Mfg. Co. ("Pemco" Catenary), 1236 N 31st, Phila., Pa.
Post-Glover Electric Co., 308 W 4th, Cincinnati, O.
WESTINGHOUSE ELECTRIC & MFG. CO. (Single & Double Catenary Construction), East Pittsburgh, Pa.
See adv index at end of book

5912a—Hangers (Window Screen)

STANLEY WORKS ("Schroeder's Peerless" Hanger & Fastener), New Britain, Conn. *See adv index at end of book*

5913— Hanks (Jib)

Parker Wire Goods Co. (Wrought Iron), Worcester, Mass.

5914— Hard Oil Finish

Anglo-American Varnish Co., 53 Johnston, Newark, N. J.
Allentown Mfg. Co., Allentown, Pa.
Berry Bros., Detroit, Mich.
Bridgeport Wood Finishing Works (Du Pont), Phila., Pa.
Brooklyn Varnish Mfg. Co. ("K-a-u-r-i"), 35 Nostrand av, Brooklyn, N. Y.
Brooks Clarence & Co., 249 Chestnut, Newark, N. J.
Buckeye Paint & Varnish Co., Toledo, O.
Butcher Polish Co. ("Butcher's No. 3 Reviver"), 356 Atlantic av, Boston, Mass.
Chicago Varnish Co., 2100 Elston av, Chicago, Ill.
Chicago Wood Finishing Co., 1309 Sloan, Chicago, Ill.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Felton, Sibley & Co., 136 N 4th, Phila, Pa.
Flood & Conklin Co., 132 Chestnut, Newark, N. J.
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
Gillespie Chas. H. & Sons, Dey, Jersey City, N. J.
Glidden Varnish Co., 1755 W Madison, Cleveland, O.
Grand Rapids Wood Finishing Co., Grand Rapids, Mich.
Harrison Works (Du Pont), 35th, cor. Grays Ferry rd, Phila., Pa.
Jamestown Wood Finishing Co., Jamestown, N. Y.
Lindeman Wood Finish Co., Shelbyville, Ind.
Macneal Jas B. & Co., Warner & Wooster, Baltimore, Md.
Moller & Schumann, Marcy av, Brooklyn, N. Y.
Murphy Varnish Co., McWhorter, Newark, N. J.
O'Brien Varnish Co. (Light), South Bend, Ind.
Palmer-Price Co., 270 Chestnut, Newark, N. J.
Smith Edw. & Co., 127 West av, Long Island City, N. Y.
Standard Varnish Works (Gutta Percha), 2589 Richmond, Elm Park, N. Y.
Thurston F. W. Co., 1832 S Clark, Chicago, Ill.
Valentine & Co. ("Lauson"), 456 4th av, New York

5915—Hardeners (Concrete)

American Chemical & Mfg. Co., 617 Monticello av, Norfolk, Va.
Aquabar Co. ("Aquabar"), Real Estate Trust bldg, Phila., Pa.
Ceresit Waterproofing Co., 110 S Dearborn, Chicago, Ill.
Corrugated Bar Co. (Floor Hardeners), Mutual Life bldg, Buffalo, N. Y.
Federal Steel Cement Mills ("Federal" Steel Structural Cement), 2639 E 79th, Cleveland, O.
General Fireproofing Co. (Floor), Youngstown, O.
D'Jorup Frank ("Flinto-Lith"), 133 W Washington, Chicago, Ill.
Master Builders' Co., Cleveland, O.
Smooth-On Mfg. Co. (Cement), 572 Communipaw av, Jersey City, N. J.
Sonneborn L. Sons ("Lapidolith"), 262 Pearl, New York
Trus-Con Laboratories (Floor), Detroit, Mich.
Vitrifix Co., 133 W Washington, Chicago, Ill.
Wearcrete Engineering Co., People's Gas bldg, Chicago, Ill.

5916—*Hardening & Tempering

See Case Hardening; also Steel Hardening
Chicago Metal Treating Co., 4032 N Rockwell, Chicago, Ill.

5917— Hardies

Bradley G. W. Axe & Tool Mfg. Co., Newburg, N. Y.
Champion Tool Co. ("Champion" Farriers,' Round & Straight, also Blacksmiths'), Meadville, Pa.
Evansville Tool Works (Straight & Circular Cut), Evansville, Ind.
Heller Bros. Co. (Farriers), 879 Mt. Prospect av, Newark, N. J.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.

5918—Hardware (Builders' Rustless)

Art Hardware & Mfg. Co., Seattle, Wash.
Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.
Columbian Hardware Co., Cleveland,, O.
Corbin P. & F., New Britain, Conn.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co. ("Russwin") New Britain, Conn.
Sager Lock Co., No Chicago, Ill.
Sargent & Co., New Haven, Conn.
Yale & Towne Mfg. Co., 9 E 40th, New York

5919—Hardware from Architects' Designs

Corbin P. & F., New Britain, Conn.
Jackson Wm. H. Company, 2 W 47th, New York
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sager Lock Co., No. Chicago, Ill.
Sargent & Co., New Haven, Conn.
Yale & Towne Mfg. Co., 9 E 40th, New York

5919a— *Hardware (Garage)

Griffin Mfg. Co., Erie, Pa.
McKinney Mfg. Co. (Door-wrought Steel), N S Pittsburgh, Pa.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

5919b—*Hardware (Light Box)

LUDWIG A. & CO., 75 Spring, New York

5920— Hardware Mfrs.

See also Hardware, Wholesale; also Hinge Manufacturers; also Lock Manufacturers; also Door Hangers; also Door Knob Manufacturers; also Sash Balance Manufacturers; also Nail Manufacturers; also Sash Weights; also Chains, Sash; also Cutlery Manufacturers, etc

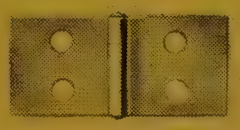
CALIFORNIA.

LOS ANGELES—Pacific Hardware Mfg. Co. (Builders, etc.)
Southern California Iron & Steel Co. (Pole Line), 4th & Mateo
SAN FRANCISCO—John's Hanger Mfg. Co. (Patent Door Hangers), 709 Harrison
Western Brass Mfg. Co., 217 Tehama

COLORADO.

PUEBLO—Brinkley-Curd Hdwe. & Implement Co.

BUTT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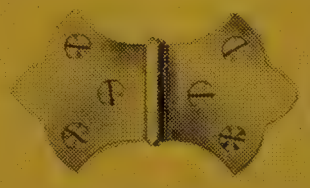
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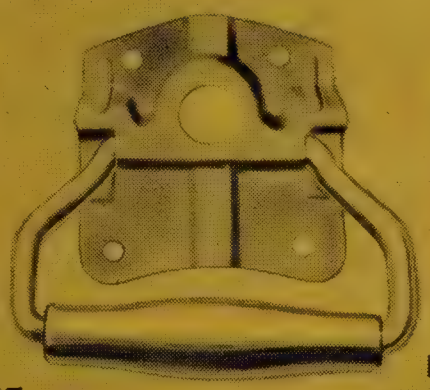
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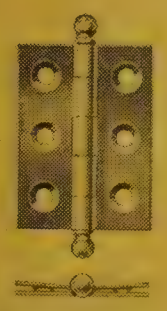
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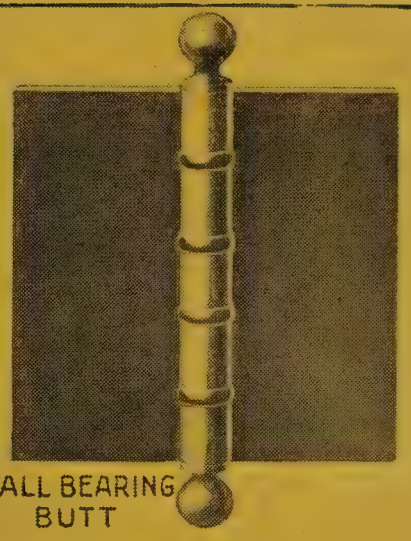
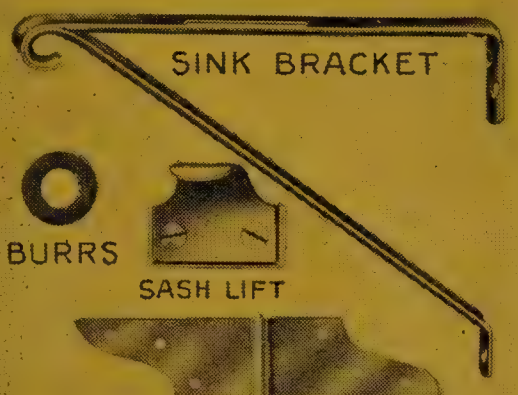
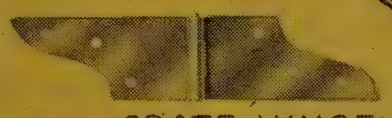

BALL BEARING BUTT

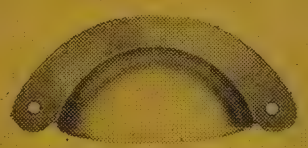

SINK BRACKET

BURRS

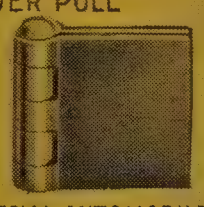
SASH LIFT


CRATE HINGE

CABINET HINGE


DRAWER PULL

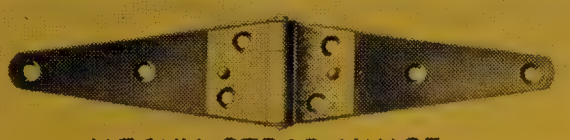
DRAWER PULL

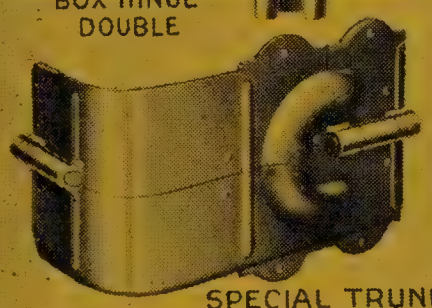

SPECIAL AUTOMOBILE DOOR HINGE

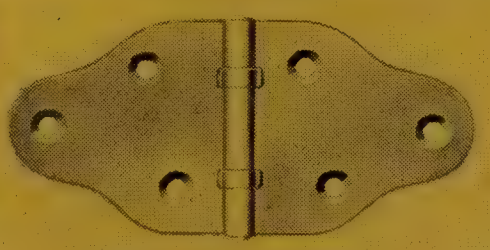
SPECIAL HANDLE

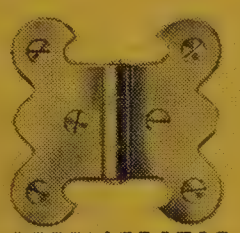
CABINET STOP BUTT

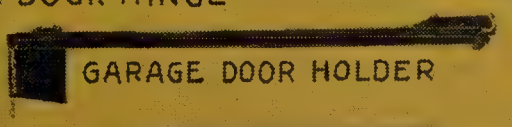
BOX HINGE DOUBLE

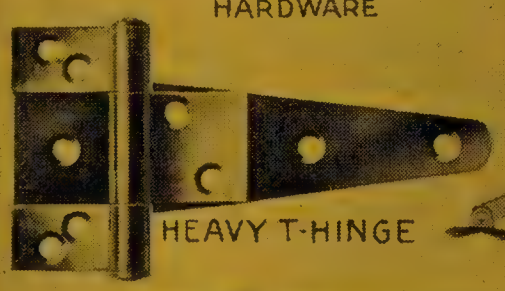

HEAVY STRAP HINGE

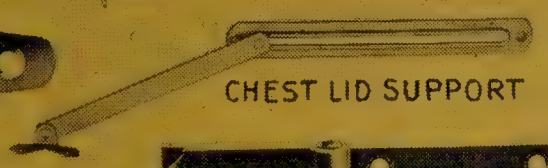

SPECIAL TRUNK HARDWARE

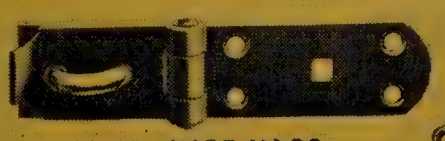

CAR DOOR HINGE


REFRIGERATOR HINGE

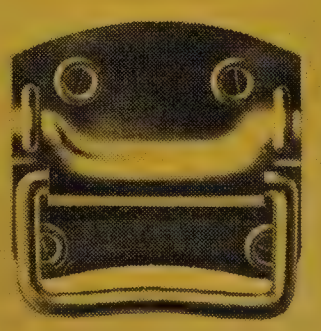

GARAGE DOOR HOLDER

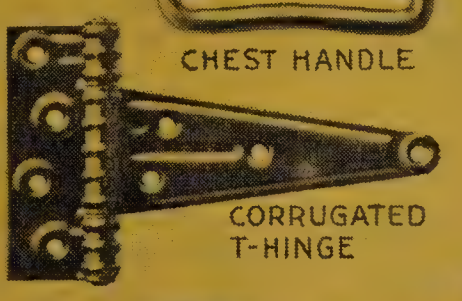

HEAVY T-HINGE


CHEST LID SUPPORT


HEAVY HINGE HASP

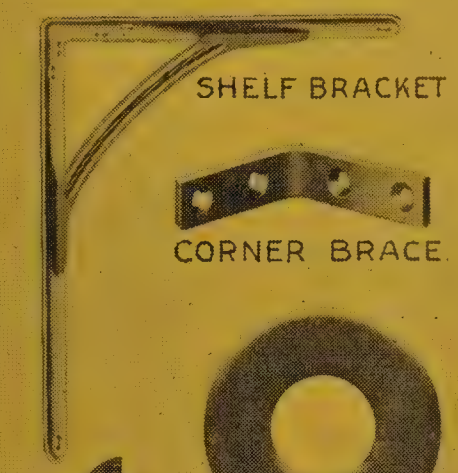
TRUNK HINGE


CHEST HANDLE

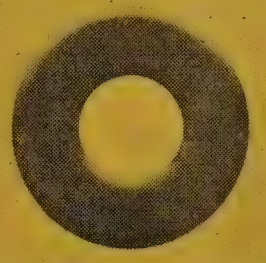

CORRUGATED T-HINGE

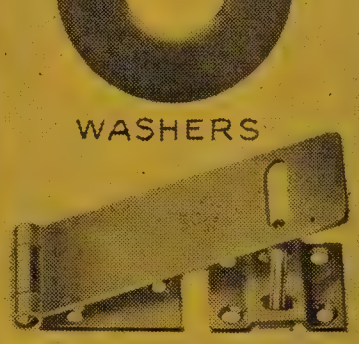
CORRUGATED STRAP HINGE

SPECIAL AUTO-MOBILE DOOR HINGE


SHELF BRACKET

CORNER BRACE


WASHERS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CRATE HASP

CORNER IRON

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Cassady Fairbank Mfg. Co. (Specialties), 6126 La Salle
Chicago Hardware Foundry Co. (Builders', etc), 546 W Washington
Chicago Spring Butt Co. (Spring Hinges, etc), 340 Union Park ct.
Coleman Hardware Co. (Builders'), 122 S Michigan av
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Curtis, Espy & Co. (Specialties), 158 N Ashland blvd.
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Nicol & Co. (Specialties), 218 N Jefferson
Niles Mfg. Co. (Spring Hinge, etc), 216 S Jefferson
Parsons Mfg. Co. (Specialties), 411 S Clinton
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Vaughan & Bushnell Mfg. Co., 2114 Carroll av
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Sinclair-Scott Co. (Specialties), Wells & Patapsco
Whiting W. H. & Co. (Marine Specialties), 222 E Pratt
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Bliss Bros. (Marine), 170 Commercial
McGreece Jas. P. & Co. (Piano), 262 Dover
Moore Geo. W. (Piano), 14 Farnsworth
Morss A. S. Co. (Marine), 132 Federal
Norton Door Check Co., 170 Purchase
Wilkinson A. J. & Co. (Marine), 184 Washington
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Wright & Sons Co. (Piano & Organ), 51 Jackson

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P R Mfg. Co. (Electric Bells)
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Reynold-Zahn Co. (Saddlery), 46 Mechanic
Romer & Co. (Inc.) (Lock, etc), 275 Passaic
Sargeant Mfg. Co. (Saddlery), 79 Summit
Sayre L. A. Co., 332 Mulberry
Searls Mfg. Co. (Carriage Mountings), 29 Mulberry
Smith G. L. & Co. (Saddlery), 50 Spring
Steffens-Amberg Co. (Saddlery), 262 Morris av
Strieby & Foote Co. (Carriage), 301 Ogden
Thomas T. & Co. (Locks)
Universal Caster & Fdry Wks. (Casters)
Wheaton A. W. Brass Works (Builders'), 21 R. R. pl
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Wiener-Barnet Co. (Saddlery), 329 Adams
Wiss J. & Sons (Cutlery), 31 Littleton av
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TRENTON—Skillman Hardware Mfg. Co.

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Eccles Richard Co. (Carriage, etc)
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Crandal, Stone & Co. Division, The Brewer-Titchener Corp. (Carriage & Automobile)
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Buffalo Specialty Co., 375 Ellicott
Climax Lock & Ventilator Co., 656 Michigan av
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Phoenix Hardware Co. (Specialties)
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EAST ROCHESTER—Brainerd Mfg. Co.
ELMIRA—Cronk & Carrier Mfg. Co. (Specialties), 150 Lake
See adv index at end of book
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Swett A. L. Iron Works (Specialties), 147 Elenwood av

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H. & A. Lock Co. (Trunk), 243 44th
Kroder John & Henry Reubel Co., Meeker av
Sterling Casket Hardware Co., 383 Kent av
Tiebout C. H. & Sons (Marine), 31 Grand

Boroughs of Manhattan and Bronx.

NEW YORK—Bayer Gardner-Himes Co. (Builders'), 101 Park av
Burglar Proof Lock & Hardware Corp. ("Segal" Burglar Proof Locks, etc), 75 Fulton
Christensen Rudolph (Cabinet), 107 Chambers
Corbin P. & F. Div, 101 Park av
Creamer W. G. & Co. (Car), 96 John
Durkee Chas. D., & Co. (Marine), 2 South
Ford Pulley & Hdwe. Co., Inc., 404 Fourth av.
See adv index at end of book

FORD
PULLEY and HARDWARE CO. Inc.
404-410 FOURTH AVENUE
NEW YORK CITY
BUILDERS' HARDWARE, MARINE HARDWARE, CONTRACTORS' *and* BUILDERS' SUPPLIES, HEAVY HARDWARE, FACTORY SUPPLIES, BOLTS, NUTS *and* WASHERS.

Gerstner A. W. Co. (Hardware Tools & Cutlery), 634 8th av, New York
Gould-Mersereau Co. (Upholstery), 52 W 38th
Greene, Tweed & Co., 109 Duane
Guerin P. E. (Inc.), 21 Jane
Haas Henry & Son (Piano), 1909 Park av
Jennings C. E. & Co. (Mechanics' Tools & Specialties), 71 Murray
Judd H. L. Co. (Upholstery, Stationery & Fancy), 87 Chambers, Works: Wallingford, Conn.
Keil Francis & Son, 401 E 163d
McCabe Hanger Mfg. Co. (Door Hangers, etc), 425 W 25th
Marine Mfg. & Supply Co. (Marine), 158 South
Morton Thos. (Sash Chains, etc), 245 Center
Neptune Hdwe. Mfg. Co. (Awning), 54 South
N. Y. Piano Hdwe. Co., 315 5th av
Peck, Stow & Wilcox Co. (Hinges, etc.), 428 E 48th
Russell & Erwin Mfg. Co., Div of N. Y., 96 Lafayette
Sargent & Co., 94 Center
Smith & Egge Mfg. Co., 258 B'way
SMITH & HEMENWAY CO., INC., 261 B'way; also 130 Coit, Irvington, N.J. *See adv index at end of book*
STANLEY WORKS, 100 Lafayette
See adv index at end of book
Tiebout W. & J. (Brass & Galvanized), 118 Chambers
Yale & Towne Mfg. Co. (Builders), 8 E 40th

(End of New York City)

NIAGARA FALLS—Niagara Falls Metal Stamping Works (Specialties)
NORWICH—Maydole David Hammer Co. (Hammers, etc.)
OGDENSBURG—Newell Mfg. Co. (Upholstery, etc.)
POUGHKEEPSIE—Lane Bros. Co. (Door Hangers, etc.)
Schatz Mfg. Co. (Specialties)
ROCHESTER—Caldwell Mfg. Co. (Sash Balances, etc.), 8 Jones
Clark H. E. & Bros. (Specialties, Brighton)
Pullman Mfg. Co. (Sash Balances, Door Checks, Safety Razor Strappers)
Sargent & Greenleaf Co. (Locks)
SYRACUSE—Frazer & Jones Co. (Saddlery)
Stearns E. C & Co (Door Hangers, etc.), 450 Oneida
TROY—Covert Mfg. Co. (Saddlery)
King Jos Mfg. Co (Skates)
Read O B. Mfg Co (Saddlery)
West Side Fdry Co (Piano)
WATERTOWN—Wise J. B. Inc. (Specialties of Pressed Work)

OHIO.

AKRON—Enterprise Mfg. Co. (Saddlery)
ASHLAND—Myers F. E. & Bro. (Builders' Hardware), 800 Orange
See adv index at end of book
Safety Door Hanger Co.
CANTON—Elbel Co. (Saddlery, etc.)
Kohler F. E. Co. (Specialties)
Ney Mfg. Co. (Hangers, etc.)
Novelty Cutlery Co. (Cutlery Mfrs.)
Swineford G. A. Co. (Door Hangers, etc.)
CINCINNATI—Crane & Breed Mfg. Co. (Casket), 1227 W 8th
Enterprise Brass & Plating Co. (Vehicle Mountings), 6th & Baymiller
Metal Specialty Co., 6th & Burns
Monarch Carriage Goods Co.
National Brass Mfg. Co. (Furniture & Hearse Trimmings, etc)
Queen City Forging Co. (Carriage), Tennyson & Dumont, Columbia
Schriver O. P. & Co. (Specialties), 621 E Pearl
Schroder J. B. Co. (Locks, Bldrs. Hardware, etc.), 123 E 5th
CLEVELAND—Carpenter R. F. Mfg. Co. (Toilet Room), 978 E 64th
Cleveland Hardware Co.
Cochrane J. A. Brass Mfg. Co. (Specialties), 1403 E 40th
Columbian Hardware Co.
Cray Bros. (Carriage), 1111 W 11th
Eberhard Mfg. Co. (Carriage, Wagon & Automobile)
Fanner Mfg. Co. (Specialties)
Globe Machine & Stamping Co. Manufactured to Order), 1250 W 76th, Cleveland, O.
Independent Register & Mfg. Co. (Specialties)
Langenau Mfg. Co., 8403 Franklin av N W
PECK STOW & WILCOX CO. (Builders), 2172-2232 W 3rd
Russ Co., 5700 Walworth av, S W
Taylor & Boggis Fdry. Co. (Builders, etc.)
Walworth Run Foundry Co. (Specialties), 2488 W 27th
COLUMBUS—Columbus-McKinnon Chain Co. (Saddlery)
See adv index at end of book
DALTON—Martin S. B. (Door Hangers, etc.)
DAYTON—Crown Hardware Mfg. Co. (Specialties), 1101-21 E 2d
Thomson S. H. Mfg. Co.
FREDERICKTOWN—Zieg F. B. Mfg. Co. (Specialties)
FREMONT—Herbrand Co. (Carriage & Wagon)
GENEVA — Champion Hardware Co. (Locks, etc.)
KENT—Miller J. B. Keyless Lock Co.
MANSFIELD—Mansfield Electric Hardware Co. (Specialties)
MINERVA—Minerva Mfg. Co. (Bldrs. & Specialties)
RAVENNA—Williams A. C. Co.
SHELBY — Shelby Spring Hinge Co. (Hinges, etc.)
Standard Mfg. Co. (Hinges, etc.)
TOLEDO—Reynolds Mfg. Co. (Specialties)

PENNSYLVANIA.

ALLENTOWN—Grammes L. F. & Sons (Cabinet, Desk, Machy., etc.)
See adv index at end of book
Kline Hardware Co.
BRACKENRIDGE—Western Tool & Forge Co., Awnings, etc.)
COLUMBIA—U. S. Lock & Hardware Co.
ELDRED—Prouty C. & Co. (Tools, etc.)
ERIE—Ely T. J. Mfg. Co. (Specialties)
Walker C. L. & Co. (Ice Picks, Cork Screws, Cork Pullers, etc.), 656 W 12th
Griffin Mfg. Co. ("Griffin" Strap & T Hinges, Brackets, Door Bolts, etc.)
FULLERTON—Dent Hardware Co. (Refrigerator Trimmings)
LANCASTER—Excelsior Lock & Hdwe. Co. (Padlocks & Specialties)
Miller J. Walker Co. (Specialties)
Safe Padlock & Hardware Co. (Shelf-Hardware)
Slaymaker Lock Co. (Builders, Car & Ship)
LEONA—Ely E. C. Co. (Specialties)
MECHANICSBURG—Wilcox D. Mfg. Co. (Carriage)
MOUNT JOY—Rollman Mfg. Co., Ltd. (Specialties)
NORTHUMBERLAND—Keystone Forging Co. (Carriage)
NORTH EAST—Fernald Mfg. Co. (Quick Shifts Anti-Rattlers, Whip Sockets, etc.
PHILADELPHIA—Andrews Mfg. Co. (Door Knobs), 388 Harmony
Berger Bros. Co. ("Keystone" Boiler Handles), 229 Arch
Brewer Bros. Co. (Builders), 614 Filbert
Brohard Co. (Doorholders, etc.), 3rd & Lehigh
Devlin Thos. Mfg. Co. (Carriage, Saddlery, Builders, etc.), 3d & Lehigh av
Dowler Chas. L. (Carriage), 108 N 3d
Dunn & Eldridge Co. (Upholstery), 6 N 6th
Enterprise Mfg. Co. of Pa. (Specialties), 3d & Dauphin
Klufkee H. E. Saddlery Co. (Harness Mountings, etc), 109 N 3d
Miller Lock Co. (Locks), 4523 Tacony, Fkd.
Mousley's Chas. Sons (Car, Brass & Bronze), 457 N 12th
Nock Geo. W. Co. (Locks), 126 N 4th
North Bros. Mfg. Co. (Screw Drivers & Specialties), Lehigh av & N American
Parsons Specialty & Machine Works (Specialties in Metal & Wire), 2427 N 4th
Peters James & Son (Hinges), 1934 N Front
Phila. Hdwe. & Mall. Iron Wks., 9th & Jefferson
Royal Mfg. Co. (Household Specialties), Denckla bldg
Sterling Machine Works, 2622 Amber
PITTSBURGH—Lanz M. & Sons (Hinges, etc.), 2907 Carson
McKinney Mfg. Co. (Hinges, Butts, Door Hangers), North Side
Oliver Iron & Steel Co. (Wagon), S 10th & Muriel
READING—Chantrell Hardware & Tool Co. (Builders' & Shelf)
POTTSTOWN—Colebrookdale Iron Co. (Specialties)
Gray Iron Fdry. Co.
Penn Hardware Co. (Builders, etc)
Rapp Philip
Reading Hardware Co. (Builders, etc.)
Reading Saddle & Mfg. Co. (Household Specialties)
SHARON—Sharon Hardware Mfg. Co. (Builders)
WILLIAMSPORT—Williamsport Staple Co. (Harness Specialties)
WRIGHTSVILLE—Wrightsville Hardware Co. (Builders & Specialties)

RHODE ISLAND.

WOONSOCKET—Perforated Pad Co. (Saddlery)

TENNESSEE.

CHATTANOOGA — American Mfg. Co. (Harness & Builders)
Southern Skein & Foundry Co. (Wagon)
NASHVILLE—Cumberland Foundry & Mfg. Co. (Specialties)

VERMONT.

MONTPELIER—Colton Mfg. Co. (Saddlery)
WINDSOR—Hubbard & McClary (Specialties), Hangers)

VIRGINIA.

RICHMOND — Richmond Cedar Works (Specialties)

WASHINGTON.

SEATTLE—Art Hardware & Mfg. Co. (Builders)

WISCONSIN.

BERLIN—Peck C. A. Hardware Co. (Specialties)
JANESVILLE—Strickler Hay Tool Co.
LA CROSSE—Stamping & Tool Co. (Dies, Tools & Specialties)
MILWAUKEE—Loeffelholz Co. (Cabinet)
Luitink & Sons Mfg. Co. (Door Hangers), 775 18th
Schartow Mfg. Co. (Saddlery)
Western Hdwe. Mfg. Co. (Specialties), 858 3d
Winter R. G. Mfg. Co. (Specialties), 2102 Vliet
Young Specialty Co., 2220 Vliet
NORTH MILWAUKEE—Wagner E. R. Mfg. Co. (Specialties for Children's Vehicles)
RACINE—Beffel Frank Mfg. Co. (Specialties)
Harvey Spring & Forging Co. (Wagon)
Imperial Bit & Snap Co. (Saddlery, etc)
Racine General Mfg. Co. (Saddlery)
Racine Malleable & Wrought Iron Co. (Saddlery)
Wisconsin Metal Products Co. (Specialties)
SOUTH MILWAUKEE—Stowell Co., The (Wagon Malleables, Clevises, etc.)
WEST ALLIS—Milwaukee Stamping Co. (Trunk & Bag)

Hardware Mfrs. (Automobile)

See Mountings. Automobile: also Hardware Manufacturers. Carriage

5921—Hardware Mfrs. (Automobile & Carriage Top)

Ashtabula Bow Socket Co., Ashtabula, O.
Auto Specialties Mfg. Co. (Inc.), (Auto Top), Joliet, Ill.
Buermann August Mfg. Co. (Auto Top), Newark, N. J.
Cleveland Hardware Co. (Auto Top), Cleveland, O.
Crandal, Stone & Co. (Division The Brewer-Titchener Corp.), Binghamton, N. Y.
Detroit Socket Co., West Detroit, Mich.
Gilliam Co., Canton, O.
Wheel B. Top & Hdwe. Co., 1102 Sycamore, Cincinnati, O.

5922—Hardware Mfrs. (Awning)

Boyle John & Co., 112 Duane, New York
Cleveland-Akron Bag Co., Cleveland, O.
Coleman Hardware Co., 122 S Michigan av, Chicago, Ill.
Neptune Hardware Mfg. Co., 54 South, New York
Peck, Stow & Wilcox, Southington, Conn.
Reading Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn.
Stant Geo. Machine Works, Connersville, Ind.
Western Tool & Forge Co., Brackenridge, Pa.
Wilcox, Crittenden & Co., Middletown, Conn.

5923—Hardware Mfrs. (Billiard Table)

Chicago Hardware Fdry. Co., No. Chicago, Ill.
Dent Hardware Co., Fullerton, Pa.

5924—Hardware Mfrs. (Cabinet)

American Mfg. Co., Chattanooga, Tenn.
American Ring Co., Waterbury, Conn.
Artistic Bronze Co., Bridgeport, Conn.
Berbecker Julius & Sons Co., Arlington Heights, Ill.
Berbecker & Rowland Mfg. Co., Waterville, Conn.
Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.
Brainerd Mfg. Co., East Rochester, N. Y.
Brass Goods Mfg. Co., 533 Union, Brooklyn, N. Y.
Burns & Bassick Co. (Division of the Bassick Co.), Bridgeport, Conn.
Chicago Hardware Fdry. Co., No. Chicago, Ill.
Christensen Rudolph, 107 Chambers, New York
Coleman Hardware Co., 122 S Michigan av, Chicago, Ill.
Corbin Cabinet Lock Co., New Britain, Conn.
Foster, Merriam & Co. (Casters, Pulls, Knobs, Escutcheons, etc), Meriden, Conn.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Grand Rapids Brass Co., Grand Rapids, Mich.
Greene, Tweed & Co., 109 Duane, New York
Guerin P. E. (Inc.), 21 Jane, New York
Hardware Supply Co., Grand Rapids, Mich.
Highton Wm. & Sons Co. (Also Desk), Nashua, N. H.
Keystone Friction Hinge Co. (Furniture Hardware Specialties), Williamsport, Pa.
Loeffelholz Co., Milwaukee, Wis.
National Brass Mfg. Co., Cincinnati, O.
National Lock Co. (Brass & Plated), Rockford, Ill.
Niessen Bros. & Co., 3153 Army, San Francisco, Cal.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Safe Padlock & Hardware Co., Lancaster, Pa.
Sargent & Co., New Haven, Conn.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book
Weber-Knapp Co. (For Furniture & Phonographs), Jamestown, N. Y.
Williams F. B. Co., 507 E 39th, Chicago, Ill.
Yale & Towne Mfg. Co., 9 E 40th, New York

5925—Hardware Mfrs. (Car)

Adams & Westlake Co., 319 W Ontario, Chicago, Ill.
Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.
Brill J. G. Co., 62d & Woodland av, Phila., Pa.
Creamer W. G. & Co., 96 John, New York
Dayton Mfg Co., Dayton, O.
Delaware Marine Mfg. Co. (Brass & Bronze), B. & O. R. R. & Conrd., Wilmington, Del.
Mousley's Chas. Sons (Brass & Bronze), 457 N 12th, Phila., Pa.
Rostand Mfg. Co. ("Rostand"), Milford, Conn.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

5926—Hardware Mfrs. (Carriage)

American Shovel and Stamping Co., Lorain, Ohio
Anderson Electric Machine Tool Co. (Special), 1324 Cass av, St. Louis, Mo.
Atwater Mfg. Co., Southington, Conn.
Baldwin E. N. Shelton, Conn.
Beckley-Ralston Co. (Carriage & Automobile), 1801 S Michigan av, Chicago, Ill.
Belle City Malleable Iron Co., Racine, Wis.
Blakeslee Forging Co., Plantsville, Conn.
Brainerd Mfg. Co. (Automobile), East Rochester, N. Y.
Clapp E. D. Mfg. Co., 300 Genesee, Auburn, N. Y.
Cleveland Hardware Co. (Also Wagon), Cleveland, O.
Columbus Bolt Works Co., Columbus, O.
Cowles C. & Co., New Haven, Conn.
Crandal, Stone & Co. (Division The Brewer-Titchener Corp.) (Also Wagon & Automobile), Binghamton, N. Y.
Crane W. T. Carriage Hardware Co. (Iron, Steel, Wheels, etc), 165 Mulberry, Newark, N. J.
Cray Bros. (Jobbers), 1111 W 11th, Cleveland, O.
Devlin Thos. Mfg. Co., 3d & Lehigh av, Phila., Pa.
Douglas & Lomason Co., Detroit, Mich.
Eberhard Mfg. Co., Cleveland, O.
Eccles Richard Co. (Also Drop Forgings), Auburn, N. Y.
English & Mersick Co., New Haven, Conn.
Franklin Park Foundry Co., Franklin Park, Ill.
Griffin Mfg. Co., Erie, Pa.
Harvey Spring & Forging Co. (Wrought Wagon), Racine, Wis.
Haury Hardware Co., 470 Broadway, Cleveland, O.
Herbrand Co., Fremont, O.
Hesse W. G. & Son Mfg. Co. (Wagon), Leavenworth, Kan.
Higgin Mfg. Co., Newport, Ky.
Keystone Forging Co. (Drop Forged), Northumberland, Pa.
Monarch Carriage Goods Co., Cincinnati, O.
Moore Franklin Co., Winsted, Conn.
Mossman, Yarnelle & Co. (Bow Sockets), Ft. Wayne, Ind.
Nelson & Call Co., Cortland, N. Y.
Ochsner A. & Son (Coach & Carriage Lamps), New Haven, Conn.
Oliver Iron & Steel Co. (Wagon), S 10th & Muriel, Pittsburgh, Pa.
Perpente Mfg. Co., New Haven, Conn.
Pratt & Letchworth Co., Buffalo, N. Y.
Queen City Forging Co., Tennyson & Dumont, Columbia, Cincinnati, O.
Racine General Mfg. Co. (Wagons Only), Racine, Wis.
Racine Malleable & Wrought Iron Co., Racine, Wis.
Searls Mfg. Co. (And Carriage Mountings), 29 Mulberry, Newark, N. J.
Seward M. & Son Co. (Wagon), New Haven, Conn.
Smith H. D. & Co., Plantsville, Conn.
Southern Skein & Foundry Co. (Wagon), Chattanooga, Tenn.
Stant Geo. Machine Works, Connersville, Ind.
Stowell Co., The (Wagon Malleables, Clevises, etc.), South Milwaukee, Wis.
Strieby & Foote Co., 301 Ogden, Newark, N. J.
Studebaker Corp. (Also Wagon), South Bend, Ind.
Upson Nut Co., Cleveland, O.
Warner Mfg. Co. (Children's), Greenfield, Mass.
Wheel B. Top & Hdwe. Co. (Also Wagon), 1102 Sycamore, Cincinnati, O.
White Mfg. Co., Bridgeport, Conn.
Wilcox D. Mfg. Co., Mechanicsburg, Pa.
Woodruff Walter W. & Sons Co. (Carriage & Automobile Mountings, etc), Mt. Carmel, Conn.

5927—Hardware Mfrs. (Casket)

Aluminum Castings Co. (Castings), Cleveland, O.
Casket Hardware Mfg. Co., 820 W Warren, Detroit, Mich.
Cincinnati Coffin Co., Richmond, Carr & Fillmore, Cincinnati, O.
Crane & Breed Mfg. Co., 1227 W 8th, Cincinnati, O.
Elgin Silver Plate Co., Elgin, Ill.
International Silver Co. (Silver Plated), Meriden, Conn.
Meriden Britannia Co., Meriden, Conn.
Morgan Silver Plate Co. (And Funeral Supplies), Winsted, Conn.
National Brass Mfg. Co. (Hearse Trimmings), Cincinnati, O.
Rogers Silver Co., Westfield, Mass.
Schmid Mfg. Co., Dubuque, Ia.
Sterling Casket Hardware Co., 383 Kent av, Brooklyn, N. Y.
Strong Mfg. Co., Winsted, Conn.
Western Casket Hardware Co., Elgin, Ill.
Wilmarth W. D. & Co., Attleboro, Mass.

5928-9—Hardware Mfrs. (Fire Door)

Allith-Prouty Co. ("Allith & Prouty"), Danville, Ill.
Dusing & Hunt, 386 Michigan av, Buffalo, N. Y.

Hardware Mfrs. (Furniture)

See Hardware Mfrs., Cabinet

5930—Hardware Mfrs. (Marine)

Adams & Westlake Co., 319 W Ontario, Chicago, Ill.
Blasier-Sanborn Mfg. Co., Utica, N. Y.
Bliss Bros., 170 Commercial, Boston, Mass.
Campbell A. S. Co. ("Cello" Motor Boat Electric Lighting Systems), 276 Commercial, Boston, Mass.
Delaware Marine Mfg. Co. (Brass & Bronze), B. & O. R. R. Conrd, Wilmington, Del.
Detroit Shipbuilding Co. ("Kirby") (Brass Department), Detroit, Mich.
Durkee Chas. D. & Co., 2 South, New York
Ellison Brass Mfg. Co. (Port Holes), Jamestown, N. Y.
Ford Pulley & Hdwe. Co., Inc., 404 4th av, New York. *See adv index at end of book*
Gibson & Kirk Co. (Brass), 217 Key Highway, Baltimore, Md.
Greene, Tweed & Co., 109 Duane, New York
Laughlin Thos. Co., Portland, Me.
McMillan's W. H. Sons, 153 South, New York
Marine Hdw. Co. (Yacht), Peabody, Mass.
Marine Hardware-Equipment Co., South Portland, Me.
Marine Mfg. & Supply Co., 158 South, New York
Morss A. S. Co. (Motor Boat Fittings, etc), 132 Federal, Boston, Mass.
Mousley's Chas. Sons (Brass, Bronze, etc), 457 N 12th, Phila., Pa.
Neptune Hardware Mfg. Co., 54 South, New York
Norwalk Lock Co., South Norwalk, Conn.
Pullman Mfg. Co., Rochester, N. Y.
Slaymaker Lock Co. (Also Ship), Lancaster, Pa.
Thacher Geo. H. & Co., Albany, N. Y.
Tiebout W. & J. (Brass & Galvanized), 118 Chambers, New York
Torrey Roller Bushing Works, Bath, Me.
Union Hardware Co., Torrington, Conn.
Watson, Frye & Co., Bath, Me.
Whiting W. H. & Co., 222 E Pratt, Baltimore, Md.
Wilcox, Crittenden & Co., Middletown, Conn.
Wilkinson A. J. & Co., 184 Washington, Boston, Mass.

5931—Hardware Mfrs. (Metal Window)

Smith Frank E. Metal Window Hardware Co. ("Smith's," Pivoted Window Hardware, etc), 81 Clay, Newark, N. J.

5932—Hardware Mfrs. (Piano Player)

Elgin Metal Novelty Co., Elgin, Ill.

5933—Hardware Mfrs. (Piano & Organ)

Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Chicago Hardware Fdry. Co., 546 W Washington, N Chicago, Ill.
Cornwall & Patterson Co., Bridgeport, Conn.
Davenport John Co., Stamford, Conn.
Elkhart Hardware Mfg. Co. (Piano Only), Elkhart, Ind.
Haas Henry & Son, 1909 Park av, New York
Lynd L. E. Mfg. Co., Mechanicsville, N. Y.
McGreece Jas. P. & Co., 262 Dover, Boston, Mass.
Miller J. Walter Co., Lancaster, Pa.
Moore Geo. W., 44 Farnsworth, Boston, Mass.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
New York Piano Hardware Co., 315 5th av, New York
Oakville Co. ("Oco" Hinges), Waterbury, Conn.
Octo Engng. Ass'n, Inc., Rochester, N. Y.
Potter C. D. Co., Stamford, Conn.
Ramsey Chas. Co., Kingston, N. Y.
REISNER W. H. MFG. CO. (Electro Magnets), Hagerstown, Md.
Stant Geo. Machine Works (Piano), Connersville, Ind.
West Side Foundry Co., Troy, N. Y.
Wickham Piano Plate Co., Springfield, O.
Wright & Sons Co., 51 Jackson, Worcester, Mass.

5934—Hardware Mfrs. (Pivoted Window)

Facile Window Co. ("Facile"), 103 Park av, New York
Peters Jas. & Son ("Peters"), 1934 N Front, Phila., Pa.
Smith Frank E. Metal Window Hardware Co. ("Smith"), 81 Clay, Newark, N. J.
Steiner & Voegtly Hardware Co. ("Giesey"), 230 Diamond, Pittsburgh, Pa.
Tabor Sash Fixture ("Tabor"), 63 Polk, Newark, N. J.

5935—Hardware Mfrs. (Saddlery)

American Chain Co., Bridgeport, Conn.
American Hame & Bit Co., 59 N. J. R. R. av, Newark, N. J.
American Mfg. Co., Chattanooga, Tenn.
Atchison Saddlery Co., Atchison, Kan.
Brabson Bros., 47 Hamilton, Newark, N. J.
Buermann August Mfg. Co. (Bits, Spurs, Stirrups, etc), 220 Jeliff av, Newark, N. J.
Chapman W. H. Co., Middletown, Conn.
Colton Mfg. Co., Montpelier, Vt.
Hill & Langstroth (Wholesale), 79 Beekman, New York
Jenkinson R. C. & Co. (Sheet Metal & Wire Goods, etc), 293 Washington. Newark, N. J.
Columbus McKinnon Chain Co., Columbus, Ohio
See adv index at end of book
Cooper H. W. Saddlery Hardware Mfg. Co., Moline, Ill.
Cotton Mfg. Co., Montpelier, Vt.
Covert Mfg. Co., Troy, N. Y.
Covert Saddlery Works, Interlaken, N. Y.
Devlin Thos. Mfg. Co., 3d & Lehigh av, Phila., Pa.
Dorries & Co., Buffalo, N. Y.
Eberhard Mfg. Co., Cleveland, O.
Elbel Co. ("Owl Brand"), Canton, O.
Enterprise Mfg. Co. ("Pflueger" Metal & Inlaid Rosettes, Ornaments, Letters, Figures, Buckles, etc), Akron, O.
Fitch W. & E. T. Co., New Haven, Conn.
Frazer & Jones Co. ("Staple Brand"), Syracuse, N. Y.
Gomph Henry G. & Co. (Tools), Albany, N. Y.
Greacen & Co., 480 Washington, Newark, N. J.
Harsh-Miller Mfg. Co., Wabash, Ind.
Haven Malleable Castings Co., Cincinnati, Ohio
Hills Edwin (Harness, etc), Plainville, Conn.
Hogarty Edward, Unionville, Conn.
Imperial Bit & Snap Co., Racine, Wis.
Judd R. D., New Britain, Conn.
Kienzle Wm. F., 4855 N Paulina, Chicago, Ill.
Klufkee H. E. Saddlery Co. (Harness Mountings), 109 N 3d, Phila., Pa.
Nashua Saddlery Hdw. Co., Nashua, N. H.
North O. B. & Co., New Haven, Conn.
North & Judd Mfg. Co. ("Anchor" Brand, Saddlery, Blanket, etc), New Britain, Conn.
Perforated Pad Co., Woonsocket, R. I.
Racine General Mfg. Co., Racine, Wis.
Racine Malleable & Wrought Iron Co., Racine, Wis.
Read O. B. Mfg. Co., Troy, N. Y.
Reynold-Zahn Co., 46 Mechanic, Newark, N. J.
Sargeant Mfg. Co., 79 Summit, Newark, N. J.
Schartow Mfg. Co., Milwaukee, Wis.
Shreveport Saddlery Co., Shreveport, La.
Simmons Hardware Co., 9th & Spruce, St. Louis, Mo.
Smith G. L. & Co., 50 Spring, Newark, N. J.
Steffens-Amberg Co., 262 Morris av, Newark, N. J.
Wallace F. J. Co., Meriden, Conn.
Waterbury Mfg. Co., Waterbury, Conn.
Whitehouse Le Compte Mfg. Co. (Specialty Silver Trimmings), 44 Elm, Newark N. J.
Wiener-Barnet Co., 328 Adams, Newark, N. J.
Williamsport Staple Co. (Harness Specialties), Williamsport, Pa.
Wyeth Hardware & Mfg. Co., St. Joseph, Mo.

Hardware Mfrs. (Screen Door)

See Index of Contents for Specific Article Wanted

5936—Hardware Mfrs. (Stationers')

Erie Metal Products Co., Erie, Pa.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Guerin P. E. Inc. (Bronze), 21 Jane, New York
Weeks Frank A. Mfg. Co., 93 John, New York

5937—Hardware Mfrs. (Theatre Stage)

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Clancy J. R., Syracuse, N. Y.
McCabe Hanger Mfg. Co., 425 W 25th, New York

5938—Hardware Mfrs. (Trunk & Bag)

Corbin Cabinet Lock Co., New Britain, Conn.
Eagle Lock Co., Terryville, Conn.
Gould's M. Sons & Co., 115 Lafayette, Newark, N. J.
Havell Mfg. Co. (Trimmings), 284 Washington, Newark, N. J.
H. & A. Lock Co., 243 44th, Brooklyn, N. Y.
Milwaukee Stamping Co., West Allis, Wis.
Neumann R. Hardware Co. (Also Suit Cases), 9 St. Francis, Newark, N. J.
Parsons Specialty & Machine Works, 2427 N 4th, Phila., Pa.
Richmond Pressed Metal Works, Inc., Stockton & 6th, Richmond, Va.
St. Louis Trunk Hardware Mfg. Co., St. Louis, Mo.
Sessions J. H. & Son (Malleable Iron & Steel Trimmings, etc.), Bristol, Conn.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

5939—Hardware Mfrs. (Upholstery)

American Pin Co. ("Ampinco"), Waterbury, Conn.
American Ring Co., Waterbury, Conn.
Berbecker Julius & Sons Co., Arlington Heights, Ill.
Berbecker & Rowland Mfg. Co., Waterville, Conn.
Drapery Hardware Mfg. Co., 87 35th Brooklyn, N. Y.
Dunn & Eldridge Co. (Brass), 6 N 6th, Phila., Pa.
Foster, Merriam & Co., Meriden, Conn.
Gould-Mersereau Co., 52 W 38th, New York
Kroder Jno. & Henry Reubel Co., Meeker av, Brooklyn, N. Y.
Newell Mfg. Co., Ogdensburg, N. Y.
Novelty Mfg. Co., Waterbury, Conn.
Turner & Seymour Mfg. Co. (Also Drapery Hardware), Torrington, Conn.
Waterbury Mfg. Co., Waterbury, Conn.

Hardware Mfrs. (Wagon)

See Firms in Hardware, Carriage, with the word Wagon following their names

5939a—*Hardware (Special Designs)

GORHAM CO. ARCH'L BRONZE, 5th av & 36th, New York
See adv index at end of book

Hardware Trimmings (Porcelain)

See Porcelain Specialties, Electrical, Mechanical, Etc.

5940—Hardware (Wholesale)

The firms under this classification are Wholesalers and firms who do Local Jobbing
See also Contractors' Tools & Supplies; also Mill & Factory Supplies; also Tin Plate, Metals, etc. For Manufacturing Firms see Hardware Mfrs.; also the Specific Articles Required.

ALABAMA.

ANDALUSIA—Benson Hardware Co. (General Builders', Tools, Cabinet, Paints & Oils, etc)
ANNISTON—Anniston Hardware Co. (General & Saddlery)
BESSEMER—Long Lewis Hdw. Co.
BIRMINGHAM—Byrum Hdwe. Co. (Builders')
Crane Co. (General Plumbers & Machinery)
Moore-Handley Hardware Co. (General)
Wimberly & Thomas Hardware Co. (General Heavy & Tools)
BREWTON—Luttrell Hardware Co. (General)
EUFAULA—Ross Hardware Co. (General)
EUTAW—Rogers Hardware Co. (General, Builders', Tools, etc.)
EVERGREEN—Wild Bros. Hardware Co.
FLORENCE—Darby & King Hdw. Co.
GADSDEN—Gadsden Hardware & Supply Co.
HUNTSVILLE—McAnelly Hardware Co.
MOBILE—Barney-Cavanagh Hardware Co. (General, Heavy, Ship Chandlery, etc), (Exporters)
Cunningham Hardware Co. (General & Heavy)
McGowin-Lyons Hardware & Supply Co.
Price H. M. Hardware Co. (General)
MONTGOMERY—Barnett G. W. Hardware Co. (General)
Loeb Hardware Co. (Heavy & General)
Teague Hardware Co. (Vehicles, General)
Tullis-Gamble Hardware Co. (General & Heavy)
OPELIKA—Phillips-Yarbrough Hdw. Co.
Summers C. R.
OXFORD—Burton & Co.
ROANOKE—Griffin & Satterwhite
Roanoke Hardware Co.
SELMA—Robbins Hardware Co.
Schuster Benj. J. (General, Builders' & Heavy)
Selma Hardware Co.
Tissier Hdw. Co.
TROY—Simpson C. A.
TUSCALOOSA—Allen & Jemison Co. (General)
WETUMPKA—Gamble Hdw. Co.

ALASKA.

JUNEAU—Alaska Supply Co.
Young C. W. Co.
NOME—Darling & Dean Co.

ARIZONA.

GLOBE—Globe Hdwe. Co.
NOGALES—Marsh Geo. B. (Inc.)
Roy & Titcomb (Heavy, etc.)
PHOENIX—Arizona Hardware Supply Co.
Pratt-Gilbert Co.
Talbot & Hubbard
Thayer Ezra W.
PRESCOTT—Hill Samuel Hardware Co.
TUCSON—Steinfeld Albert & Co.

ARKANSAS.

FORT SMITH—Atkinson-Williams Hardware Co. (General & Heavy)
Speer Hardware Co. (General Machinery, etc)
HELENA—Ark. & Miss. Hdwe Co.
Helena Hardware Co.
HOT SPRINGS—Whittington-Stearns Hardware Co. (General, Heavy & Carriage)
LITTLE ROCK—Fones Bros. Hardware Co.
Mast J. W.
Rose-Lyon Hdwe Co. (General & Heavy)
MAGNOLIA—Warnock W. H.
PINE BLUFF—Fox Bros. Hdwe Co. (General)
McGaughey Bros. Hdwe Co. (General & Stove)
ROGERS—Benton County Hardware Co.
TEXARKANA—Buhrman Pharr Hdwe Co.
Hoffman Hardware Co.

CALIFORNIA.

FRESNO—O'Neil W. J. & Co.
HOLTVILLE—Imperial Valley Hdwe Co.
LOS ANGELES—California Hardware Co. (General, Builders' & Tools), 500 E 1st
Cass-Smurr-Damerel Co. (Jobbing Agents) (Stoves, Farming Tools, Hardware Specialties, etc.), 412 S Broadway
Davenport L. M. Co. (General Agrl. Implts., etc), 110 N Los Angeles
Ducommun Hardware Co., 219 S Central av
Harper & Reynolds Co. (General, Heavy, etc.), 152 N Main
Hoffman Hardware Co. (General & Heavy)
Hoffman-Marks Co. (Stoves), 226 S Main
Holbrook, Merrill & Stetson (Stoves, Tinware, etc.), 200 S Central av
Los Angeles Heavy Hdwe. Co., 218 N Los Angeles
Percival Iron Co., 232 Aliso
Simmons Hardware Co., 507 Mission
Union Hardware & Metal Co., 401 E 1st
Waterhouse & Lester Co., 325 N Los Angeles
Weeks-Howe-Emerson Co., Inc., 90 Market
MODESTO—Turner Hardware & Implement Co.
OAKLAND—Maxwell Hdwe Co.
Western Heavy Hardware & Iron Co. (Inc.)
PASADENA—Crown Hardware Co.
Pasadena Hdwe. Co.
PETALUMA—Schluckebier Hardware Co.
REDDING—McCormick-Saeltzer Co.
SACRAMENTO—Miller-Enwright Co. (Stoves, Tinware, Plumbers')
Schaw-Batcher Co. (General & Heavy)
Thomson—Diggs Co. (General)
SAN DIEGO—Western Metal Supply Co.
SAN FRANCISCO—Baker & Hamilton, 4th & Brannan
Baker, Hamilton & Pacific Co. (All Lines in Iron & Steel), 7th & Townsend
Butler & Brittain, 55 Main
Dunham, Carrigan & Hayden Co. (General, Heavy, Railway, Steamship, Brass Goods, etc.), Kansas & Division
Harron, Rickard & McCone, 139 Townsend
Heyman-Weil Co. (Heavy, Stoves, Tinware, etc.), 720 Mission
Holbrook, Merrill & Stetson (Plumbers' & Tinners', Tools, Machinery, etc.), 6th & Bluxome
Judson Mfg. Co., 817 Folsom
Montague W. W. & Co. (Stoves, Tinware, etc), Chronicle bldg
Pacific Hardware & Steel Co. (All Lines in Iron & Steel), 7th & Townsend
Pike A. W. & Co. (Mfrs.' Agents, Hardware, Tools, etc.), 711 Mission
Scovel Iron Store Co. (Heavy), 754 Howard
Seller Bros. & Co. (Stoves, Tinware, etc.), 14 Spear
Spotswood-Helfer Co. (Carriage & Heavy), 258 1st
Tavares J. G. & Co., 85 2d
Tayler & Spotswood Co. (Carriage, etc.), 19th & Minnesota
Waterhouse & Lester Co. (Carriage, Blacksmiths' & Horseshoers', etc), 540 Howard
Wolfe Lbr. & Hdwe. Co., 2299 Folsom
SAN JOSE—San Jose Hdwe. Co.
Stock Jno. Sons
SAN PEDRO—Marine Hdwe Co.
SANTA BARBARA—Ott Hdwe Co.
STOCKTON—Austin Bros.

COLORADO.

ASPEN—Tomkins Lewis H. Hdwe Co.
COLORADO SPRINGS—Lowell - Meservey Hardware Co.
DENVER—Dillon Hardware Co. (Heavy & Blacksmiths' & Wagonmakers' Supplies)
Moore Hardware & Iron Co. (General, Heavy, Carriage & Blacksmiths')
Tritch Geo. Hardware Co. (General & Heavy)
LEADVILLE—Tomkins H. H. Hardware Co.
Western Hardware Co.
OURAY—Ouray Hdwe. & Supply Co.
TELLURIDE—Tomkins-Cristy Hardware Co.
TRINIDAD—Branson & Griswold Hdwe Co.
Trinidad Hdwe. Co

CONNECTICUT.

BRIDGEPORT—American Hdwe. Stores, Inc., Fairfield av & Middle
Burritt A. W. Co., Knowlton
Burroughs Baldwin Co., Inc., 383 Fairfield av
Chapman & Bangs Co. (Heavy & Carriage)
Hawley Hardware Co. (Builders' & Manufacturers')
Hunter & Havens (General, Heavy, Carriage & Blacksmiths')
DANBURY—Danbury Hardware Co.
Hull F. A. & Son
DERBY—Hallock F. Co.
HARTFORD—Blodgett & Clapp Co. (Importers Heavy & Carriage), 1417 Main
Clapp & Treat (General & Sporting), 68 State
Cone J. H. & W. E. (Builders'), 87 Asylum
Ensworth L. L. & Son (Heavy, Mill & Carriage), 344 Front
Knoek L. S. & Co., 188 State.
Tracy, Robinson & Williams Co. (General, Tools, etc.), 78 Asylum
MERIDEN—Church & Morse (General & Heavy)
NEW BRITAIN—Abbe Hardware Co.
NEW HAVEN—Bronson & Townsend Co. (General)
Bushnell N. T. Co. (General, Tools, etc)
Mersick C. S. & Co. (General, Heavy, Carriage, Tinners', Plumbers', Mill, etc)
NEW LONDON—Guest & Co. (Carriage, Blacksmith', Heavy, etc)
Lyon & Ewald
Williams G. M. Co. (General & Heavy)
NORWALK—Hubbell & Staples Hdwe. Co.
NORWICH—Eaton-Chase Co. (General Mill, Electrical, etc)
Preston Bros. (General, Electrical, etc)
WATERBURY—Hamilton Hardware Corp. (Builders)
Hotchkiss & Templeton (General & Heavy)
Templeton Charles A. (Inc.) (General & Heavy)
WILLIMANTIC—Jordan Hardware Co. (General & Sporting)

DELAWARE.

WILMINGTON—Capelle Hardware Co. (General & Heavy)
Delaware Hardware Co. (Builders', Coach & Heavy)
Wilson Hardware Co. (Heavy & Carriage)

DISTRICT OF COLUMBIA.

WASHINGTON—Armentrout & Sons, 1710 14th, N W
Barber & Ross, 11th & G. N. W.
Hartig, Louis, 1001 7th, N W
Kendall J. B. Co. (Coach Findings, Heavy Hardware, etc), 485 Mo. av
Lambie Jas. B. Co., 1415 N. Y. av N W
May F. P. Hardware Co. (General, Heavy & Cordage), 469 C. N. W.
Rudolph & West Co., 1332 New York av

FLORIDA.

BRADENTOWN—Bradentown Hardware Co.
GAINESVILLE—Baird Hardware Co. (General & Heavy)
JACKSONVILLE—Bond & Bours Co. (Heavy, Stoves, Implements, etc)
Bond & Bours Co. (Heavy, Stoves, Implements, etc)
Cameron & Barkley Co.
Florida Hardware Co. (General & Heavy, Pumps, etc.)
Hubbard S. B. Co. (General & Heavy, Boilers, Plumbers', etc.)
LIVE OAK—Suwanne Hardware Co.
MIAMI—Budge Frank T. Co.
OCALA—Marion Hardware Co. (General, Mill & Mining)

PENSACOLA—Avery A. M. & Son
Ray W. A. Hardware Co.
ST. AUGUSTINE—Hamblen C. F. (General, Heavy, Saddlery, etc)
SANFORD—Fernald Geo. H. Hardware Co. (General & Heavy)
TAMPA—Knight & Wall Co. (Exporters, General & Heavy)
Tampa Hardware Co. (General)
WEST PALM BEACH—East Coast Hdwe. Co.

GEORGIA.

AMERICUS—Harris J. W. (Stoves, Implts, etc.)
Sheffield Co. (General, Heavy, Saddlery, Agrl. Implts.)
ATHENS—Athens Hardware Co. (Inc.) (General, Heavy, Carriage, etc)
Fleming T. B. Hardware Co. (General)
ATLANTA—Beck & Gregg Hardware Co. (General, Heavy & Carriage)
Crumley-Sharp Hardware Co. (Builders' & General)
Dinkins-Davidson Hardware Co. (General, Heavy & Carriage)
King Hardware Co. (General, Tinware, etc)
Kirkpatrick Hardware Co. (Carriage & Heavy)
AUGUSTA—Augusta Hardware Co. (Implements, etc)
BRUNSWICK—Georgia Hardware Co.
COLUMBUS—Beach Wm. Hardware Co. (General & Heavy)
Bush C. P. Hardware Co. (General)
Methvin Hardware Co.
Philips Hardware Co.
CORDELE—Watt & Holmes Hardware Co.
DALTON—Fite Hardware Co.
DAWSON—Battle Hardware Co.
DUBLIN—Stevens Hdwe Co.
FITZGERALD—Watt & Holmes Hardware Co. (General)
GAINESVILLE—Palmour Hardware Co.
Pruitt-Barrett Hardware Co.
HAWKINSVILLE—Whitfield Hardware Co.
HELENA—Folsom & Tillman Hardware Co.
LA GRANGE—Spinks Hdwe Co.
MACON—Dunlap Hardware Co. (General, Heavy, etc)
Merritt Hardware Co. (General, Heavy, etc)
OCILLA—Watt & Holmes Hardware Co.
ROME—Griffin Hardware Co. (Inc.) (General, Tinware, etc)
Nixon-Smith Hardware Co. (General)
Rome Hardware Co. (Inc.) (General, Tinware, etc)
SAVANNAH—Neal-Blun Co. (Builders')
Peeples Hardware Co. (General)
Semmes Hardware Co. (General, Cutlery, etc)
Weed J. D. & Co. (Shelf & Heavy Carriage & Wagon)
VALDOSTA—Briggs W. H. Hardware Co.
Roberts J. E. & W. P. Hdwe Co.
Strickland-Tillman Hardware Co.
WAYCROSS—Harley P. N. Hardware Co.
Watt Hardware Co.

IDAHO.

BLACKFOOT—Neil F. Boyle & Co.
BOISE—Northrup Hardware Co. (Ltd.), (General, Heavy, etc.)
Stewart Wholesale Co.
Sweet-Teller Hdwe. Co.
LEWISTON—Erb Hdwe. Co., Ltd.
WALLACE—Coeur D'Alene Hardware & Foundry Co. (General, Mining, etc)
WEISER—Haas Herman Hdwe. & Implement Co.

ILLINOIS.

BLOOMINGTON—Holder Hardware Co.
Keiser-Van Leer Co. (Heavy)
CAIRO—Woodward Hardware Co. (General & Heavy)
CHICAGO—Allerton-Clark Co. (Mfrs.' Agts.), 74 W Lake
Biddle Purchasing Co., 208 S La Salle
Bowler T. J. Hardware Co., 65 E Lake
Bullard & Gormley Co. (General, Cutlery, Tools, Tin Plate, Sheet Iron Metals), 175 N State
Butler Bros., Rand Bridge
Cranston T. H. & Co. (Mfrs.' Agents), 56 E Randolph
Draper & Snape (Blacksmiths' Supplies), 16 N Market
Fox Wm. B. & Bro., 180 W Dearborn
Henion & Hubbell (Pipe, Plumbers' Supplies), 219 N Jefferson
Hibbard, Spencer, Bartlett & Co. (General, Household, Cutlery, Tin Plate, Woodenware, Paints, Oils, etc), 303 N State Street Bridge
Jones & Laughlin Steel Co. (Heavy, Railroad Supplies, Swedish Iron, etc), 440 W Lake
Kimball E. D. & Co., 159 N Market
Merle Henry J. & Co., 1112 W 22d
Reading Hardware Co., 117 W Lake
Rehm Hardware Co., 1501 Blue Island av
Ryerson J. T. & Son (Heavy, Iron & Steel Sheets, Plates, Bands, Bars, Shafting Bolts & Nuts, Angles, Boiler Mfrs.' Supplies, etc.), 2558 W 16th. *See adv index at end of book*
Trout Geo. W. & Co. (General, Cutlery, Tools, Kitchen, etc), 17 E Lake
DANVILLE—Conron Thos. Hdwe. Co. (Shelf)
Dowling-Schultz Hardware Co. (Shelf, Heavy, etc)
Yeomans & Shedd Hardware Co. (Shelf, Heavy, etc)
DECATUR—Morehouse & Wells Co. (General Sporting Goods, Heavy, etc.)
ELGIN—Elgin Saddlery & Harness Co.
Hawthorne Hardware Co.
Ziegler Bros. Co.
FREEPORT—Weiss & Co.
GALENA—Millhouse Bros. & Co.
JOLIET—Barrett Hardware Co. (General & Heavy)
Swing W. P.
MENDOTA—Holland & Co.
MOLINE—Dunn Thomas & Sons
PEKIN—Velde, Roelfs & Co. (Shelf, Heavy, Carriage & Tools)
PEORIA—Clark-Smith Hardware Co. (Shelf, Builders, etc)
Cummings & Emerson (Heavy, Carriage, etc)
Walker Isaac Hardware Co. (Shelf, Builders, Sporting Goods, etc)
QUINCY—Gunther Hardware Co.
Tenk Hardware Co. (General, Heavy, Cutlery, etc)
ROCK ISLAND—Rock Island Hardware Co. (General & Heavy)
SPRINGFIELD—Miller W. B. & Son (Retail, Builders, General, etc)
STREATOR—Williams Hdwe. Co. (General)
URBANA—Hall Chas. A. Hdwe Co.

INDIANA.

BLUFFTON—Williamson Hardware Co.
COLUMBUS—Schwartzkopf's J. G. Sons
CRAWFORDSVILLE — Crawfordsville Hardware Co. (General)
ELKHART—Borneman & Sons
EVANSVILLE—Boetticher & Kellogg Co. (Shelf Hardware)
Bush E. M. Hardware Co. (Shelf)
Clifford Hardware Co. (Shelf)
Orr Iron Co. (Heavy, Blacksmiths, Carriage & Wagon, etc)
FORT WAYNE—Fort Wayne Iron Store Co. (Carriage, Wagon & Heavy)
Ft. Wayne Oil & Supply Co. (Heavy, Carriage & Wagon)
Mossman, Yarnelle & Co. (Heavy & Carriage)
Pfeiffer Henry & Son Co.
Schlatter C. C. & Co. (General Builders', Mill, etc)
Seavey Hardware Co. (Shelf)
GARY—People's Hdwe Co.
GOSHEN—Hawks Hardware Co. (General)
HUNTINGTON — Reichenbach - Wickenhiser Co.
INDIANAPOLIS—Builders' Supply Corporation (General, Builders', Paints, Oils, etc.), 342 E Wash.
Holliday W. J. & Co. (Heavy, Iron & Steel), 326 W Georgia
Lilly Hardware Co., 114 E Washington
Standard Metal Co. (Tin Plate, Sheet Iron, etc.), 135 S Pennsylvania
Tanner & Co., 216 S Meridian
Van Camp Hardware & Iron Co. (General, Heavy, Carriage & Wagon, etc.), 401 W Maryland
Vonnegut Hardware Co. (Builders', Cabinet, Heavy, Mill Supplies, etc.), 120 E Washington
KOKOMO—Armstrong Landon Co.
Kokomo Hardware Co.
LAFAYETTE—Shipley Hardware Co. (General, Stoves, Tinware, etc)
Shuee-Bahls Hardware Co. (Shelf & Heavy)
LOGANSPORT—Ullery S. W. & Son
MARION—Marion Hardware Co.
MICHIGAN CITY—Staiger Hardware Co.
MUNCIE—Kimbrough Hardware Co.
NORTH VERNON—Tripp Fred H. Hdwe. Co. (Heavy & General Farm Machinery)
RICHMOND—Jones Hardware Co. (General, Agricultural Implements, etc)
Miller Bros. Hardware Co. (Cutlery, Fencing, Sporting Goods, Tinware, etc)
SOUTH BEND—Sibley Hdwe Co.
TERRE HAUTE—Austin Hardware Co.
Smith's C. C. Sons Co.
Terre Haute Heavy Hardware Co.
VINCENNES—Saiter-Morgan Co.

IOWA.

BURLINGTON—Burlington Iron Store Co. (Heavy)
Donahue Robert Iron & Hardware Co. (Heavy, Blacksmiths', Carriage, etc.)
Drake Hardware Co. (General)
CEDAR RAPIDS—Larimer E. K. Hardware Co. (Heavy)
CLINTON—Armstrong C. E. & Sons (General)
Moeszinger-Marquis Hardware Co.
COUNCIL BLUFFS—Empkie-Shugart-Hill Co. (General Shelf, Builders', Sporting Goods, etc)
DAVENPORT — Hanssen's Louis Sons (Hardware)
Sickels & Preston Co. (General, Builders, etc.)
Sieg Co. (Heavy, Carriage & Wagon Materials; also Agr'l Impl. Specialties)
DES MOINES—Brown-Camp Hardware Co. (General, Shelf, Builders', Sporting Goods, etc)
Des Moines Iron Co. (Heavy, Carriage, etc)
Kurtz L. H. Co.
Luthe Hardware Co. (General, Shelf, Builders, etc)
DUBUQUE—Ernsdorff John Iron Co. (Heavy, Carriage, etc)
Tredway A. & Sons Hardware Co. (General, Heavy, Cutlery, etc)
FORT DODGE—Prusia Hardware Co. (General, Shelf, etc)
KEOKUK—Weber A. Co. (General, Heavy, etc),
LAKE MILLS—Styve Bros.
MARSHALLTOWN—Abbott & Son
MUSCATINE—Fuller & Hiller Hdwe. Co.
OTTUMWA—Harper & McIntire Co. (General, Stoves, Cutlery, etc)
Hand B. A. Co. (General, Heavy, Miners, etc)
Haw Hardware Co.
SIOUX CITY—Dymond-Simmons Hardware Co. (Handle, General, etc)
Knapp & Spencer Co. (General, Stoves, Ranges, Heaters, etc)
Sioux City Iron Co. (Heavy)
WATERLOO—Cutler Hardware Co. (General, Shelf, Builders' & Sporting Goods)

KANSAS.

ATCHISON—Atchison Saddlery Co. (Saddlery)
Blish, Mize & Silliman Hardware Co. (Shelf & General)
Harwi A. J. Hardware Co. (General, Sporting Goods, etc)
Klostermeier Bros. Hardware Co.
EMPORIA—Haynes Hdwe Co.
FORT SCOTT—Penniman A. C. & Son Hardware Co.
HUTCHINSON—Calladay Frank Hdwe. Co.
LAWRENCE—Achning Chas. J.
LEAVENWORTH—Crancer Hardware Co. (General Tinners', Harness, Cutlery, Sporting Goods, etc)
PARSONS—Steele Hdwe Co.
PITTSBURG—Deruy Hdwe. Co.
SALINA—Lee Hardware Co. (General & Heavy)
TOPEKA—Thompson W. A. L. Hardware Co. (Shelf & Heavy)

KANSAS—continued
WICHITA—Massey Iron Co. (Heavy, Blacksmiths', etc)
Morton-Simmons Hardware Co.
Shattuck-George Iron Co. (Heavy & Blacksmiths')

KENTUCKY.

ASHLAND—Williamson Ben & Co.
CATTLETTSBURG—Mims A. & Co. (General & Heavy)
HENDERSON—Blackwell P. A. & Co. (General)
Lambert-Grisham Hardware Co.
HOPKINSVILLE—Forbes Mfg. Co. (General, Tinware, etc)
LEXINGTON—Van Deren Hardware Co. (General & Heavy)
LOUISVILLE—Belknap Hardware & Mfg. Co. (General, Heavy, Carriage, Saddlery)
Fulton, Conway & Co. (Wagon & Carriage Makers' Tools, Supplies & Hardware, Wire Nails, etc.)
Hidden Otis Co. (Cabinet)
Louisville Tin & Stove Co.
Robinson Bros. & Co. (General, Cutlery, Saddlery, Guns, Agricultural Implements, Paints, etc)
MIDDLESBORO—Kentucky Mine Supply Co.
Stratton & Terstegge Co. (General, Stoves, Tinware, Tinners' Supplies, Woodenware, Roofing, etc.), 15th & Main
Todd-Donigan Iron Co. (Heavy, Wagon Makers' & Blacksmiths' Tools, Mine, Quarry & Railroad Supplies)
OWENSBORO—Guenther Hardware Co. (General, Heavy & Carriage Railroad)
PADUCAH—Hank Bros. (General)
Michael M. & Bro.
PAINTSVILLE—Big Sandy Hdw. Co. (Gen'l)

LOUISIANA.

ALEXANDRIA—Brown-Roberts Hdwe & Supply Co. (Ltd.)
BATON ROUGE—Doherty Hardware Co., Ltd. (General, Cordage, etc)
Fuqua Hardware Co. (General)
LA FAYETTE—Lacoste Hardware Co., Ltd.
LAKE CHARLES—Murray-Brooks Hardware Co. (Ltd.)
MONROE—Monroe Hardware Co., Ltd. (General)
NEW ORLEANS—Baldwin A. & Co., Ltd. (General, Heavy Stove, Machinery, Mill Supplies, Agri. Implts., Crockery, etc), Camp & Common
Pitard R. D. Hdwe. Co., 222 Dauphine
Pitard's G. Sons (General, Paints, Wallpaper, etc.), 1031 Canal
Rowan P. P. Co., Ltd., 920 Perdido
Schwartz Jos. Co., Ltd., 548 Baronne
Stauffer, Eshleman & Co. (Ltd.), (General, Heavy, Stoves, Cutlery, Fire Arms, etc.), 511 Canal
Woodward, Wight & Co. (Ltd.) (General, Heavy, Cutlery, Mill Supplies, Ship, Chandlery, etc), Howard av & Constance
RUSTON—Ruston Hdwe. & Furn. Co., Ltd.
SHREVEPORT—Buckelew Hardware Co.
Lee Hardware Co., Ltd. (General Cutlery, Stoves, Glassware, etc.)
Thomas-Ogilvie Hardware Co., Ltd. (Handle, General, etc)
THIBODAUX—Planters' Hardware & Mill Supply Co., Ltd. (General, Heavy, Cutlery, Mill Supplies, etc)

MAINE.

AUGUSTA—Brooks Hardware Co.
BANGOR—Bragg N. H. & Sons (Heavy, Carriage, etc)
Dickey Wm. P. & Co. (General)
Haynes & Chalmers Co. (General, Heavy, Saddlery, etc)
Rice & Miller Co. (General, Explosives, etc)
BATH—Johnson Bros. Co. (General, Heavy, Ship Chandlery)
BRUNSWICK—Eaton Hardware Co. (General)
EASTPORT—Wadsworth S. L. & Son
FT. FAIRFIELD—Cary L. K. Co.
HOULTON—Fogg Almon H. Co.
Watson John & Co. (General, Cutlery, Agr'l Impl'ts, etc)
LEWISTON—Hall & Knight Hardware Co. (General Plumbers', Pipe, etc)
PORTLAND—Corey E. & Co. (Heavy, Wagonmakers', Blacksmiths' & Lumbermen's Supplies)
Edwards & Walker Co. (General & (Heavy)
Emery-Waterhouse Co. (General & Heavy)
King & Dexter Co.
Talbot, Brooks & Ayer
ROCKLAND—Crie H. H. & Co. (General)

MARYLAND.

BALTIMORE—Adams J. R. M., Eutaw & Franklin
Anderson & Ireland Co. (General), 111 Light
Carlin & Fulton Co., 309 W German
Cole W. H. & Sons (General, Heavy, Cutlery, Explosives, Contractors' & Electrical Supplies), 40 S Charles
Conway Wm. A., 626 Forrest
Duer Jno. & Sons (Cabinet), 36 S Charles
Duke Peterson Hardware Co. (General, Heavy, Cutlery & Fire Arms), 113 W German
Edmunds W. C. & Co., 34 S Charles
Galloway, James Co., 121 W Pratt
Keidel Henry & Co. (Shelf, Heavy, etc) 405 W German
Lyon Conklin & Co., Inc., 19 Balderston
Neily Joseph W. (Marine), 121 South
Norris R. W. & Sons, 342 N Gay
Payne E. Scott Co., 362 N Gay
Taylor Supply Co., 937 Fell
Whiting W. H. & Co. (Marine), 222 E Pratt
Wilcox Hdw. & Iron Co. (Gen'l), 406 N Gay
Wilcox Louis N. & Son, 414 N Gay
CUMBERLAND—Wilson & Pugh (General, Mining & Mill Supplies)
FREDERICK—Hargett P. L. & Co.
Quynn Allen G. & Co.
SALISBURY—Dorman & Smyth Hardware Co.
Gunby L. W. Co. (General, Machinery, etc)

MASSACHUSETTS.

BOSTON—Atlantic Coast Hdw. Co., 134 Pearl
Austin & Doten, 102 North
Bay State Hdwe. Co., 1321 Washington
Berman Samuel, 28 Portland
Bigelow & Dowse Co. (General, Heavy, Builders', Machinists', Mine, Skates, Cutlery, Household, etc), 229 Franklin
Boston Marine Hdwe. Co. (Marine), 259 Atlantic av
Breck Jos. & Sons Corp'n (Implements & Poultry), 50 Franklin
Brown-Wales Co. (Heavy), 489 C
Burditt & Williams Co. (General & Builders'), 95 Summer
Butts & Ordway Co. (Heavy & Carriage), 33 Purchase
Chandler & Barber Co. (Tools, Cutlery & Builder's), 124 Summer
Chandler & Farquhar Co. (Machinists & Mechanics Tools & Supplies), 36 Federal
Chase, Parker & Co. (Heavy, Carriage, etc.), 81 Pearl
Dame, Stoddard Co. (Cutlery, etc), 374 Washington
Dana Hardware Co. (General, Cutlery, Firearms, Saddlers, Cordage, etc.), 28 Pearl
Davis S. H. Co. (General & Builders'), 68 Portland
Decatur & Hopkins Co., 120 High
Dodge Haley Co. (Heavy), 218 High
Fitz Dana & Co., 110 North
Frye, Phipps & Co. (General, Woodenware, etc), 23 Pearl
Hardware Agency Co. (Mfrs' Agents), Builders'), 224 Franklin
Harrison Supply Co. (Specialties), 5 Dorchester av, Extension
Harvey Arthur C. Co. (Heavy), 374 Congress. *See adv index at end of book*
Herrick Co. (Heavy, Metal), 49 Broad
Proctor S. Eugene Co., 158 State
Richards & Co., 192 Beverly
Sanderson E. P. Co. (Heavy), Third
Waite, Ranlet & Co., 80 Broad
Wilkinson A. J. & Co. (General, Tool Steel, Tools, Sheet Brass, Rods & Wire), 184 Washington
CAMBRIDGE — Sanderson E. P. Co. (Heavy)
FALL RIVER—Congdon, Carpenter & Co. (Heavy, Carriage & Blacksmiths)
Neill J. O. Hardware Co. (Builders Only)
FITCHBURG—Fitchburg Hardware Co. (General & Heavy, Agr'l Tools, etc)
GREENFIELD—Stearns Joel M. (General, Heavy & Contractors' Supplies)
HAVERHILL—Hanscom Hardware Co. (General, Blacksmiths', etc)
HOLYOKE—Russell J. & Co. (Heavy)
LAWRENCE—Robinson Hardware Co.
Treat Hardware & Supply Co. (Mill Supplies)
LOWELL—Bartlett & Dow Co. (General & Agricultural Tools)
Boutwell Bros. (Heavy, Carriage & Blacksmith')
Thompson Hardware Co. (Builders', Cutlery)
LYNN—Hutchinson W. Henry (Est. of) (General), 49 Monroe
MIDDLEBORO—Pierce Thos W. Hardware Co.
NATICK—Fiske Corp.
NEW BEDFORD—Butler Wm. P. & Sons (General, Tinware, Cutlery, Tool)
NORTH ADAMS—Burlingame & Darbys Co. (General & Heavy)
PALMER—Buck E. A. & Co. (General, Saddlery, etc)
PITTSFIELD—Barris-Kenyon Co. (Hardware & Mill Supplies)
Berkshire Hardware Co.
Peirson Hardware Co. (General)
SPRINGFIELD — Carlisle Hardware Co., 326 Main
Chapman & Brooks Co. (General)
Foot, Homer & Co. (General, Heavy, Carriage, etc)
Law J. Douglas Co.
Lewis Charles C. Co. (Carriage & Heavy)
TAUNTON—Pierce Hardware Co.
TURNER FALLS—Webster F. I. Co.
WESTFIELD—Bryan Hardware Co.
WORCESTER—Blake Geo. F. Jr. & Co. (Heavy, Carriage, etc)
Buck E. A. & Co. (Hardware, Oils)
Duncan & Goodell Co. (General, Cutlery, Tools, etc)
Pratt & Inman (Heavy Iron & Steel, etc)
Ross Bros. Co. (General Agricultural Tools, etc)

MICHIGAN.

ALPENA—Young Benjamin R. Hdwe. Co.
BATTLE CREEK—Bock-Walker Co.
BAY CITY—Bay City Hardware Co.
Jennison Hardware Co. (General & Heavy)
CALUMET—Carlton Hardware Co.
Keckonen Hardware Co.
DETROIT—Buhl Sons Co. (Heavy, Shelf, Builders', Cutlery, Tin Plate, Metals, Iron & Steel, etc), 103 Woodbridge, W
Delamater Hardware Co. (General, Heavy, Cutlery, Iron & Steel), 8 Woodward av
Gregg Hardware Co., 44 Cadillac sq
Rayl T. B., Co. (General, House Furnishings, etc.), 3 Grand River av
Roehm & Davison (Heavy & Carriage), 93 Woodbridge av
Standart Bros. (Ltd.) (General), 155 Woodbridge av
Strelinger Chas. A. Co., 51 Larned, E
Weber Henry C. Co. (General, Household, etc.), 230 Woodward av
ESCANABA—Delta Hardware Co. (General & Heavy)
Escanaba Hardware Co.
FLINT—Hubbard Geo. W. Hardware Co. (Heavy, etc)
GRAND RAPIDS—Foster, Stevens & Co. (General, Heavy, Sporting Goods)
Gleye Hardware Co.
Hall Sherwood Co. (Saddlery, Carriages & Auto Accessories)
Kutsche C. H.
Michigan Hardware Co.
Van Bree Arie Sons
HOUGHTON—Portage Lake Hardware Co. (Ltd.)
Swift I. E. Co. (General & Heavy)
ISHPEMING—Consolidated Fuel & Lbr. Co
JACKSON—Smith-Winchester Co. (General, Heavy, Carriage, etc)
KALAMAZOO—Edwards & Chamberlain Hardware Co. (General, Heavy & Carriage)

MANISTEE—Vincent-Wolters Co.
MARQUETTE—Manhard M. R. & Son, Ltd. (General & Heavy)
Neidhart B. & Co.
MENOMINEE—Northern Hardware & Supply Co. (General, Heavy, Tools, etc)
MONROE—Steiner's Wm. Sons (General, Heavy, etc)
PETOSKEY—Bremmeyer & Bain Co.
Northern Hardware Co. (General)
PORT HURON—Beard, Campbell & Co. (General, Heavy, Carriage, etc)
Boyce Hardware Co. (General, Heavy, Tinware, etc)
SAGINAW—Morley Bros. (General, Heavy, Saddlery, Carriage, etc)
Popp & Wolf Hardware Co. (Wall Paper)
Saginaw Hardware Co. (General, Heavy, etc)
SAULT SAINTE MARIE—Soo Hardware Co. (General & Heavy)

MINNESOTA.

DULUTH—Kelley Hardware Co.
Kelley-How-Thomson Co. (General, Heavy, etc)
Marshall-Wells Hardware Co. (All Lines in Steel & Iron)
National Hardware & Supply Co.
MINNEAPOLIS—Butler Bros., 6th & 1st av N
Derickson G. P. Co. (Cabinet), 18 N 3d
Gardner Hardware Co., 304 Henn av
Gopher Hardware Co., 212 N 1st
Hall Hardware Co., 517 N 3d
Hudson Mfg. Co. (Thresher Supplies), 308 3d av N
Janney, Semple, Hill & Co. (General, Cutlery, Shelf & Heavy, Plumbers', Tinware, Sheet Metal, Firearms, Cordage, Rope, etc), 1st av & Second
Minneapolis Iron Store Co. (Heavy, Blacksmiths', Wagonmakers' & Machinists' Tools & Supplies), 512 Washington av, N
Morison W. K. & Co., 15 S 7th
Simmons Hardware Co. (General, **Farming Tools, etc), 4th & 2d** av N
Thompson Hardware Co., 608 1st av, N
Warner Hardware Co., 13 S 6th
Williams Hardware Co. (Heavy, Wagonmakers' & Blacksmiths' **Supplies), 100 Second av N**
ST. PAUL—Decker Adam Hardware Co. (General, Tinners' Supplies, Cutlery, etc), 347 Jackson
Farwell, Ozmun, Kirk & Co. (General, Tinners' Tools & Supplies, Butchers' Tools & Supplies, Builders', Household, Saddlery, etc.), 2d & Jackson
Hackett-Gates Hurty Co. (General, Builders' Tools, Tinners' Stock, Cutlery, Shelf, Wagon & Saddlery, **etc), Fourth & Rosabel**
Nicols, Dean & Gregg (Heavy, Iron, Steel, Lumbermen's Supplies, etc.), 8th & Sibley
Reed Motor Supply Co., 78 W 7th
Robinson, Cary & Sands Co., 4th & Wasonta
STILLWATER—Stillwater Hardware Co.
WINONA—Cone R. D. Co. (General)
Morrison-Miller Hdwe. Co.
Morrison-Risser Hdwe. Co.

MISSISSIPPI.

ABERDEEN—Lann & Carter Hardware Co. (General)
COLUMBUS—Columbus Hardware & Furniture Co.
GREENVILLE—Geise Mann Hardware Co.
GREENWOOD—Henderson & Baird Hardware Co. (General & Heavy)
HATTIESBURG—Hawkins Hardware Co.
JACKSON—Addikson & Bauer
McCleland Thos. Hardware Co.
MERIDIAN—Melton Hardware Co. (General, Cutlery, etc)
NATCHEZ—Baker & McDowell Hardware Co. (General, Agrl. Implts., Crockery, etc)
Feltus Bros.
Schwartz & Stewart (General Agrl. Implts., etc)
VICKSBURG—Hoffman Louis Hardware Co.
Richardson-Lee & Co. (General, Tinware, etc)
Wright Bros. Hardware Co. (General)
YAZOO CITY—Crane-Hamel Hardware Co. (General)
Yazoo Hardware Co. (General & Heavy)
DEXTER — Miller-Ullen & Carter Hardware Co.
JOPLIN—Halyard Hardware Co.
Joplin Hardware Co.
KANSAS CITY—Bonniwell-Calvin Iron Co. (Carriage & Wagon Materials, Iron & Steel, etc.), 1205 W 10th
Bunting Hardware Co. (Builders'), 810 Walnut
Curtin & Clark Hardware Co.
Faeth Iron Co. (Carriage & Wagon Materials, Iron & Steel), 1125 W **8th**
Haysler Iron Co. (Iron & Steel & Heavy Hardware), 1206 Union av
Pierce Co. (Silo Roofs, etc), Waldheim bldg
Richards & Conover Hardware Co. (General, Heavy & Sporting Goods, etc.), 5th N W cor. Wyandotte
Townley Metal & Hardware Co. (General, Builders', etc.), 2d, S W cor. Walnut
Wengert Hardware Co., 1221 Grand av
NEOSHA—Briggs Hardware Co. (General & Heavy)
ST. JOSEPH—Robinson Heavy Hardware Co. (Heavy & Carriage)
Ross Frazer Iron Co. (Heavy, Carriage & Wagon Material, etc)
Wyeth Hardware & Mfg. Co. (General, Heavy & Saddlers', Sporting Goods, Cutlery, etc)
ST. LOUIS—Beck & Corbitt Iron Co. (Heavy Carriage, Wagons, etc.), 1230 N Main
Campbell Iron Co. (Heavy), Cass av, bet 8th & 9th
Geller, Ward & Hasner Hardware Co. **(General, Tinware, etc.), 414 N 4th**
Handlan-Buck Mfg. Co. (Foundry, Machine Shop, etc.), 210 N 3d
Rubelman G. A. Hardware Co. (General), **907 N 6th**
Rubelmann-Lucas Hardware Co. (Cabinet, Heavy, Carriage & Wagon Material), 1939 N B'way
St. Louis Iron Store Co. (Heavy, Carriage & Wagon Materials), 700 Cass av
Schroeter Bros. Hardware Co. (Builders'), 717 Wash. av
Shapleigh Hardware Co. (General Cutlery, Household, Sporting Goods, Carriage & Wagon Materials, etc), 4th & Washington av
Simmons Hardware Co. (General, Builders', Farming Tools, Cutlery, Household, Toys, Stoves & Ranges, Tinners' Tools & Supplies, Metal Roofing, Paint, Oils, Automobile Supplies, etc.), 9th & Spruce
Sligo Iron Store Co. (Iron & Steel, Carriage, Wagon, etc), 6th & O'Fallon
Standard Stamping Co. (Sheet Metal Goods), B'way & Chambers
Wachter Emil & Son Hardware Co., 1402 S B'way
Witte Hardware Co., 706 N 3d
Witte & Umrath Hardware Co. (Shelf, Sporting Goods, Cutlery, etc), 920 Franklin av
SPRINGFIELD—McGregor-Noe Hardware Co. (General, Builders' Heavy Carriage & Wagon Material, Sporting Goods & Implements)
Rogers & Baldwin Hardware Co. (General Builders', Heavy, Carriage & Wagon Material, Sporting Goods, Implements, etc)
WEBB CITY—Franz Hardware Co. (General)

MONTANA.

ANACONDA—Anaconda Copper Mining Co. (General, Heavy & Mining)
Stagg J. P.
BILLINGS—Billings Hardware Co. (General & Heavy)
BUTTE—Anaconda Copper Mining Co.
Montana Hardware Co. (General, Heavy & Mining)
GREAT FALLS—Murphy-MacClay Hardware Co. (General, Heavy, Carriage, etc)
Northern Hardware Co.
HELENA—Helena Hardware Co. (General)
Holter A. M. Hardware Co. (General, Heavy, Mining, etc)
KALISPELL—Kalispell Mercantile Co.
LEWISTOWN—Montana Hardware Co.
MISSOULA—Missoula Mercantile Co. (General)

NEBRASKA.

ALLIANCE — Newberry Hardware Co. (Implements & Harness)
HASTINGS—Lawson C. K. Hardware Co.
McGrath J. H. Hardware Co.
LINCOLN—Henkle & Joyce Hardware Co. (General)
OMAHA—Lee-Colt Andreesen Hardware Co. (Builders', Shelf & General)
Lee-Colt Andreesen Hardware Co. (Builders', Shelf & General)
Morton Jas. & Son Co. (Packing House Ice Tools & Builders', Shelf Hardware, etc)
Paxton & Gallagher Co. (General, Builders', Shelf, Harness, Sporting Goods, etc)
Wright & Wilhelmy Co. (General, Builders', Shelf, Harness, Sporting Goods, etc)

NEW HAMPSHIRE.

CONCORD—Thompson & Hoague Co. (General, Heavy, Carriage, etc)
MANCHESTER — Manchester Hardware Co. (General & Heavy)
Varick John B. Co. (General, Heavy, Carriage, etc)
NASHUA—Ambrose Thomas B.

NEW JERSEY.

ATLANTIC CITY—Chelsea Hdwe. Co.
Currie Co.
DOVER—Berry S. H. Hardware Co.
ELIZABETH—Elizabeth Hardware Co. (General)
MORRISTOWN—Phillips A. G. & Son
NEWARK—Banister & Pollard Co., 206 Market
Birkenmeier & Kuhn Co., 529 Clinton av
Crane Co. (Heavy, Factory & Mill Supplies), 84 Mechanic
Crane & Milligan (General, Plumbers' Supplies, etc), 54 Mechanic
Macknet & Doremus (General, Heavy, etc.), 796 Broad
Muller A. F. & Co., 258 Springfield av
Rising & Thorne, 475 Broad
ROE & CONOVER (General, Heavy, **Plumbers', Steamfitters' Tools),** 206 Frelinghuysen av
See adv index at end of book
NEW BRUNSWICK—Weigel Philip, Jr.
PATERSON—Cleveland J. W. Hardware Co. (General, Builders' & Grocers' Supplies), 81 Broadway
Doremus John T. Co. (General & Blacksmiths & Wheelwrights' Supplies), 66 Washington
Mills H. W. & Co. (Mill Supplies), 59 Washington
Myers Geo. A. & Co. (Builders', Mill, Factory & Plumbers' Supplies), 63 Washington
Van Winkle J. A. Co. (General & Heavy), 168 Main
TRENTON—Katzenbach F. S. & Co.

NEW MEXICO.

ALBUQUERQUE—Korber J. & Co. (Vehicles, Harness, Hdwe. & Implts.)
Whitney Hardware Co.
RATON—Hobbs Hardware Co.
ROSWELL—Roswell Hardware Co.
SILVER CITY—Cox W. S.

NEW YORK.

ALBANY—Albany Hardware & Iron Co. (General, Heavy, etc)
Turner Chas. H.
Woodward Co. (Carriage, Wagon, Saddlery, etc)
ALBION—Waterman Store
AMSTERDAM—Larrabee John E. Co. (General & Heavy)
BATH—Peck Geo. W. Co.

NEW YORK—continued
BINGHAMTON—Babcock, Hinds & Underwood (General & Heavy)
Crocker & Ogden Co. (General, Heavy, Carriage, etc)
Kingsley L. J. Co.
BUFFALO — Beals, McCarthy & Rogers (General, Heavy, Carriagemakers' Mill & Factory Supplies, Iron & Steel, etc), 50 Terrace
Capewell Horse Nail Co., 11 Ellicott sq.
Bergman W. Hardware Co., Washington & Genesee
Buffalo Wholesale Hardware Co. (General & Heavy), 317 Washington
Enos & Sanderson, 145 Bushnell
Neal Co. (The) (Small Tools, Drills, Tops, Dies, etc), Builders Exchange
Republic Metalware Co., 90 Alabama
Taylor H. D. Co. (Heavy & Carriage, Trimmings), 103 Oak
Walbridge & Co. (General & Household Heavy, Builders', etc.), 392 Main
Weed & Co. (General, Heavy, Cutlery, Tools, Railway & Shop Supplies, Silverware, etc), 416 Main
CANANDAIGUA—Peck Hardware Co.
COHOCTON—Peck & Peck Hardware Co.
ELLENVILLE—Du Bois L. & Co.
ELMIRA—Barker, Rose & Clinton Co. (General & Heavy)
Booth Irving D., Inc. (Heavy)
Gridley-Fuhrman Martin Co.
Peck Geo. W. Co.
GLENS FALLS—De Long & Son
Sawyer J. E. & Co.
GLOVERSVILLE—Batcheller E. S. & Co.
Durkee E. L. & Co.
HORNELL—Peck Frank B. Co. (General)
HUDSON—Rogerson J. C. & Co.
ITHACA—Driscoll Bros. & Co. (Builders' Hardware)
Rumsey C. J. & Co.
Treman, King & Co. (General)
JAMESTOWN—Clark Hardware Co. (General & Light Agrl. Implts.)
Jamestown Hdwe. Co.
Lundquist C. A. & Co.
KINGSTON—Johnson J. T. (General & Heavy)
Winne L. S. & Co. (General, Blacksmiths', etc)
LITTLE FALLS—Skinner & Oyston
LOCKPORT—Chadwick & Morris
MALONE—Malone Hardware Co.
Thompson H. D. & Co. (Heavy, Sadlery, etc)
NEWBURGH—Holland Hardware Co.
Lawson Hardware Co.

NEW YORK CITY.

Borough of Brooklyn

BROOKLYN—Kiley Thos. W. & Co., 57 Grand
Universal Hardware & Supply Co., 79 Greenpoint av

Boroughs of Manhattan and Bronx.

NEW YORK—Alder Benj. S. Co. (Mfrs.' Agents & Exporters), 30 Warren
Barron Jas. S. & Co. (Woodenware, Skates, etc) (Exporters), 221 W B'way
Baynon C. A. Co. (Jobbers & Commission) (General & Heavy), 91 Reade
BETTES & EBSEN (Tools), 150 Chambers. *See adv index at end of book*
Biddle Purchasing Co. (Purchasing Agents & Commission Buyers), 105 Chambers
Blumberg W. L. & Co., 92 Chambers
Boker Cutlery & Hdwe. Co., Inc. (Importers of Hardware, Cutlery, etc.), 101 Duane
Brady F. A., Inc. (Specialties), 30 Church
Braunfels, Browning & Co., 1940 Park av
Brombacher A. F. & Co., 31 Fulton
Brower Roy L. Corp. (Coated Wire Nails), 12 Cedar
Burger & Baumgard (Cutlery, etc) (Jobbers & Exporters), 88 White
Burroughs-Baldwin Co., 87 Warren
Butler Bros., 495 B'way
Carter R. K. & Co. (Purchasing Agents & Commission Buyers), 60 Reade
Cavanagh Bros. & Co. (Woodenware & House Furnishings), 89 Warren
Church St. Machinery & Engineering Corp. (Exp.), 30 Church
Curley J. & Bro. (Importers & Jobbers of Cutlery), 806 B'way
Droescher S. R. (Importer of Razor Hones, Cutlery & Hardware Specialties), 79 Warren
Dunham, Carrigan & Hayden Co. (General, Heavy, Railway, Steamship, Brass Goods, etc), 127 Duane
Duryee Peter & Co. (Jobbers & Retailers of General Hardware), 66 Vesey
Field Alfred & Co. (Importers & Exporters) (Cutlery, Guns, Anvils, Chains, etc), 93 Chambers
Folsom H. & D. Arms Co., 314 B'way
Fox Wm. B. & Bro. (Importers & Exporters, Purchasing Agents & Commission Buyers), 21 Warren
Gerstner A. W. Co., 634 8th av
Gifford Jno. A. & Son (Exporters & Importers of Carriage Hardware & Supplies), 25 Park pl
Glockner & Blue Co. (Tinsmiths), 2474 3d av
Goepel C. F. & Co., 137 E 13th
Goldberg Chas. H. & E. S. (Importers & Exporters) (Woodenware, Cordage, etc), 114 Reade
Goldenblum Wm. & Co., 17 Murray
Graef & Schmidt (Importers & Exporters of Cutlery), 107 Chambers
Graham Jno. H. & Co. (Mfrs. & Mfrs'. Agents & Exporters of Hardware, Tools & Specialties), 113 Chambers
Green G. S. Co. (Heavy), 74 Warren
GROB-GAMSBY HDWE. CO., INC., 100 Maiden la
Hammacher, Schlemmer & Co., 133 4th av
Hamilton Hdwe. Co., 74 Cortlandt
Hansen & Yorke Co (Heavy), 88 Warren
Harmon & Dixon (Mfrs.' Agents) Hardware & Specialties), 117 Chambers
Harris Delancey P. Hardware Co. (Mfrs.' Agent & Commission Merchant, Domestic & Export), 24 Murray
Harry L. C. Co. (Heavy & Ship), 114 Liberty
Hendricks & Class (Mfrs.' Agents (Heavy & Marine, Tools, Ship Chandlery, Railway & Dock Builders' Supplies, etc), 30 Church
Jacobus Wm. H. (Mfrs.' Agent) (Builders & General, Specialties), 79 Walker
Jennings C. E. & Co. (Mfrs. & Mfrs'. gents, Mechanics' Tools & Specialties), 71 Murray
Kleine Wm. E. & Co. (Wagon & Carriage Materials), 120 W B'way
Larkin J. K. & Co. (Jobbers, Nails, etc) 34 Reade
See adv index at end of book
Lilien & Charyn, 430 W B'way
Lockwood Co. (Builders & Shelf Hardware), 16 Reade
McCarty J. C. & Co. (Mfrs.' Agents) (General & Blacksmiths', Machinists & Garden Tools, etc), 29 Murray
McCoy Jos. F. Co. (Mfrs.' Agents, Importers & Exporters of Heavy Hardware, Cutlery, Tools, etc), 157 Chambers
Manick Hdwe. Co., 160 Lafayette
Markt & Hammacher Co. (Importers & Jobbers, House Furnishing Goods & Hardware Specialties), 194 West
Masbach Hardware Co. (General, etc), 84 Warren
Mead John J. Co., 67 Centre
Montgomery & Co. (Tools & Supplies for Machinists, Railroads, Mills, Contractors, etc), 105 Fulton
Murray Robert (Screws, Shovels, Hoes, etc), 85 Warren
Neal B. B. Hardware Co., 117 Leonard
Neal & Brinker Co. (General, etc), 81 White
Oliver Bros. (Syndicate Purchasing Agents) (General & Heavy, Plumbers' Supplies, etc), 71 Murray
Patterson Bros., 27 Park row
Patterson, Gottfried & Hunter (Machinists', Railroad, Mill & Contractors' Tools & Supplies), 149 Lafayette
Patterson & Harral (Cutlery, House Furnishing, etc), 88 White
Peck & Mack Co. (Importers & Exporters & Manufacturers' Agents) (General), 356 B'way
Phillips Isaac B. (Horseshoers' Supplies), 225 E 125th
Pruden W. E. Hardware Co,, 864 8th av
Rouss C. B., 549 Broadway
Sargent & Co., 94 Centre
Shepard Edw. G. (Mfrs.' Agents) (Builders' & General), 102 Chambers
Sickels-Loden Co., 56 Murray
Silverman Hyman H., 104 Bowery
Simmons Hardware Co. (Buying Office for St. Louis, Mo.), 17 Battery pl
Smith Chas. J. & Co. (Tools, etc), 130 Worth
SMITH & HEMENWAY CO. (Mfrs. & Importers Hardware Specialties), 261 B'way; also 130 Coit, Irvington, N. J.
See adv index at end of book
Smith & McCrorken, Inc. (Nails), 407 E 18th
Sperry & Alexander Co., 79 Chambers
Striffler Edward C. (Carriage & Wagonmakers' Supplies), 591 11th av.
Surpless, Dunn & Co. (Mfrs.' Agents & Exporters) (Heavy, Tools, Handles & Specialties), 74 Murray
Tiebout W. & J. (Mfrs. & Dealers) (Brass Galvanized, Ship Chandlery), 118 Chambers
Topping Bros. (Importers, Exporters, Mfrs.' Agents & Commission) (Heavy & Marine), 122 Chambers
Tucker Tool & Machine Co., 75 Murray
Ullman E. & Sons, Inc., 47 Murray
Underhill, Clinch & Co. (Jobbers) (Builders' Tools, Shovels, Lawn Mowers, etc), 84 White
Voigt, Starr & Co. (Cutlery, Plated Ware, Revolvers, Tools, Vises, Clamps, etc), 84 Chambers
Vom Cleff & Co. (Importers German Hardware, Cutlery & Tools), 105 Duane
Von Thaden & Meyer (General), 73 Murray
Walls T. P. Tool & Supply Co., 75 Walker
Weiland Chas. (Cutlery, Mechanics' Tools, etc), 149 Chambers
Wiebusch & Hilger (Ltd.) (Importers & Mfrs.' Agents, Hardware Specialties, Anvils, Chains, Cutlery, etc), 106 Lafayette
Witte Francis T. Hardware Co. (Importers, Exporters & Mfrs.' Agents) (Hardw., Cutlery, Tools, Refrigerators, etc), 106 Chambers
Wood H. P. & Son (Trunk), 20 Reade
Worth H. P. & Co., 180 West

(End of New York City)

NIAGARA FALLS — Elderfield-Hartshorn Hardware Co.
NORTH TONAWANDA—Cramer Hardware Co.
OGDENSBURG—Hackett Patrick Hardware Co. (General & Iron & Steel)
ONEIDA—Eells & Mott Co. (Carriage Hardware & Iron & Steel)
Ruby Geo. H. Hardware Co. (& Retail)
PENN YAN—Hollowell & Wise Co.
Peck Geo. W. Co.
PLATTSBURGH—Marshall A. H. Co. (General & Builders')
Myers M. P. & Co. (General)
ROCHESTER—Bennett & Mason Co. (Stoves, Furnaces & Household Specialties), 154 State
Ernst Louis & Sons (General, Builders, Tools, etc), 43 South av
Hebing Henry & Sons (Heavy, Iron), 107 North
Mathews & Boucher (General, Tools, Tinners', etc), 26 Exchange
Roby Sidney B. Co. (Heavy, Iron & Steel, Automobile & Bicycle Supplies), 208 South av
Weaver Hardware Co., 31 Main E
Weed & Co., 15 Exchange
ROME—Wardwell Hardware Co. (General, Heavy, Carriage)
SAUGERTIES—Lamb's Daniel Son
SCHENECTADY—Witbeck, Clark Co. (General & Heavy)

SYRACUSE—Burhans & Black Co. (Inc.) (General, Heavy, Fishing Tackle, Sporting Goods, etc)
Clancy Hardware Co. (Heavy, Carriage, Blacksmiths', Paints, etc)
Drennan Hardware Co.
Eddy Geo. W. Co.
Grant's Alex. & Son
Hessler H. E. Co. (General & Household)
TROY—Bonesteel A. E. & Co. (General)
Green's Hannibal Son & Co. (Heavy, etc) (Importers Norway & Swedish Iron)
McCormick & Dunn (Heavy, Shelf, Builders', Blacksmiths' & Horseshoers' Supplies)
Warren J. M. & Co. (Heavy, Shelf, Tinners', Metals, Cordage, etc)
UTICA—Foster David S. Sons & Co. (General, Heavy & Carriage)
Millar Chas. & Son Co. (Tinners' Supplies)
Roberts Hardware Co. (General, Heavy, Tinware, etc)
WATERTOWN—Conde W. W. Hardware Co. (General, Heavy, Carriage)
Hunting Co.
Weeks John & Son Co.
WEEDSPORT—Burritt O. W. & Bro.
WELLSVILLE—Boyce Hardware Co.

NORTH CAROLINA.

ASHEVILLE — Brown Hdwe. Co. (Tools, Cutlery & Builders' Supplies)
CHARLOTTE — American Hardware & Equipment Co.
Charlotte Hardware Co. (General & Heavy)
Smith-Wadsworth Hardware Co.
Southern Hardware Co. (General)
ELIZABETH CITY—Jones D. M. Co. (General & Heavy)
Sharber & White Hardware Co.
GREENSBORO—Odell Hardware Co. (General, Carriage, etc)
HERTFORD—Hertford Hardware & Sup. Co.
HIGH PT.—Beeson Hardware Co.
MONROE—Monroe Hardware Co.
NEWBERN—Basnight J. S. Hdwe. Co.
Cutler Blades & Hardware Co.
RALEIGH—Briggs Thos. H. & Sons (General, Heavy, etc)
Hart-Ward Hardware Co. (General & Heavy)
THOMASVILLE—Crutchfield Hdwe. Co.
WADESBORO—Blalock-Allen Hardware Co. (General)
WASHINGTON—Harris Hardware Co.
McKeel-Richardson Hardware Co.
WILMINGTON—Jacobi N. Hardware Co. (General, Heavy, etc.)
Murchison J. W. & Co. (General, Tin, etc)
Springer W. E. & Co. (General, Heavy, Carriage, etc.)
WINSTON-SALEM — Brown-Rogers Co. (General, Agrl. Implts., etc)
Norfleet Hardware Co.
Wall-Huske Co.

NORTH DAKOTA.

GRAND FORKS—Barnes & Nuss Co. (Also Retail)

OHIO.

AKRON—Hardware & Supply Co. (General also Automobile & Electrical Supplies)
ASHTABULA—Mitchell Hardware Co. (Builders')
BRYAN—Bryan Hardware Co.
CANTON—Canton Hardware Co. (General, Factory Supplies, Glass, Paints, etc)
Crawford & Deal
Kennedy W. A. Hardware Co.
CHILLICOTHE—Chillicothe Hardware Co.
Spetnagle Hardware Co. (General & Heavy)
CINCINNATI—Boebinger Hardware Co. (General, Cutlery, Tools, Patternmakers' Supplies, etc), 315 E Pearl
Carpenter D. L. & Co. (Carriage & Wagonmakers' Hardware & Supplies), 652 Main
Elsmere Hdwe. Co., Lexington Pike, Erlanger
Kruse Hardware Co. (General, Cutlery, etc), Carlisle & Baymiller
Kruse & Bahlmann Hardware Co. (General, Builders', etc), 410 Pioneer
Kuhlmann Hardware Co. (General, Builders', Cabinet, Tools, etc), 1320 Main
Morris E. K. & Co. (Heavy), 217 W 2d
National Hardware Co., 327 W 4th
Pickering Hardware Co. (General), 5th c Main
Schulte G. B. Sons Co. (Wagonmakers' & Blacksmiths' Hardware & Supplies), 716 Main
CLEVELAND—Acme Nail & Sup. Co., 422 Frankfort av
Bingham W. Co. (Heavy Shelf, Cutlery, Firearms, Mfrs.', Mining, Railway Supplies, etc), 1278 W 9th
Cray Bros., 1111 W 11th
Davis, Hunt & Collister Co.,2056 Ontario
Giessen D. E. Co. (Cabinet), 215 Prospect av, S E
Luetkemeyer Co. (General, Heavy Lines, Mfrs. & Mill Supplies, etc.), 725 Superior av, N W
Morton-Pettitt Co., 3951 St. Clair
Worthington Geo. Co. (Heavy, Metals, Tinners', Carriage & Saddlery, Automobile & Electrical Supplies, 802-832 St. Clair av, N W
COLUMBUS—Cussins Charles D. Co., 170 N 3d
Cussins & Fearn Co., 48 W Spring
Griswold-Sohl Co. (Carriage & Heavy), 79 N Front
Mithoff H. & Co. (Heavy, Tin Plate, Tinners' Stock, Tools, etc), 284 S High
Schoedinger-Marr Co., 102 N High
Smith Bros. Hardware Co. (General, Cutlery, Paints, etc), 38 W Chestnut
COSHOCTON—Gray Hardware Co.
Ricketts B. W.
DAYTON—Dayton Iron & Steel Co. (Iron, Steel, Carriage & Heavy)
Gebhart S. T. & G. A. Co. (General, Carriagemakers' & Blacksmiths' Supplies)
Kramer-Hadeler & Co. (General, Shelf & Builders)
Tischer G. W. Co. (General, Cutlery, Nails, etc)
Trimbach Geo.
FREMONT—Swint, Reineck & Co. (General & Heavy)
GALLIPOLIS—Kerr J. M. Co.
IRONTON—Goldcamp Bros. & Co.
Hutsinpillar & Sheridan Co. (General)
JACKSON—Ervin Bros. Co.
LANCASTER—Winter Frank Hardware Co. (General, Heavy & Carriage)
LIMA—Jones Hardware Co.
LORAIN—Lorain Hardware Co.
MANSFIELD—Martin Hardware Co.
Wagner Hardware Co. (General & Heavy & Automobile Supplies)
MARIETTA—Seyler Hardware Co.
Union Hardware Co.
MARION—Haberman Hardware Co.
NEWARK—Crane, Kreig Hardware Co.
Jones J. C. Co.
PORTSMOUTH—Hibbs Hdw. Co. (General)
SANDUSKY—Donahue Hardware Co.
SPRINGFIELD—Haucke Geo. Co.
Lion Hardware Co.
Springfield Hardware Co. (General)
Vulcan Hardware Co.
STEUBENVILLE—Steubenville Hardware & Supply Co.
TIFFIN—Crobaugh & Dahm Hardware Co. (General)
TOLEDO—Bostwick-Braun Co. (General & Heavy)
Heavy Hardware Co. (Carriage, etc.)
Merrell Co.
Schunk Hardware Co. (General & Paints)
Simmons Hardware Co.
Star Hardware & Supply Co. (Builders', Cabinet, Tools, Cutlery, Glass, Paints, etc)
Stollberg Hardware & Paint Co. (General, Tools, Cutlery, Glass, Paints, etc)
TROY—Schaible & Houser
URBANA—Cooper Otway (General, Saddler, etc)
WARREN—Park Hardware Co.
Warren Hardware Co.
WASHINGTON—Ford Hardware Co.
WELLINGTON—Dougherty Bros. Hardware Co.
YOUNGSTOWN—Stambaugh Thompson Co. (General, Heavy, Plumbers', etc)
Wilkins-Leonard Hardware Co. (General, Household, Mill Supplies, etc.)
ZANESVILLE—Clossman Hardware Co.

OKLAHOMA.

CHICKASHA—Gilkey Jarboe Hardware Co.
CLINTON—Welch Wholesale Hardware Co.
EL RENO—Bonebrake Hardware & Implement Co.
ENID—Champlin Hardware Co.
Gensman Bros. & Co.
GUTHRIE—Hirschi E. L. (General & Heavy)
KINGFISHER—Hockaday E. & Co.
McALESTER—Russell Hardware Co.
MUSKOGEE—Hooker Hardware Co.
Muskogee Hardware Co.
OKLAHOMA—Oklahoma City Hardware Co. (General, Heavy, etc)
Pettee W. J. & Co. (General, Agr'l Implements)
Richards & Conover Hardware Co.

OREGON.

BAKER—Basche-Sage Hardware Co.
MEDFORD—Garnett Corey Hardware Co.
Avery & Co., 48 3rd
PORTLAND—Dayton Hardware & Mchy. Co. (General, Electrical, Upholsterers', etc), 194 1st
Failing, McCalman Co. (General & Metals), 88 Front
Haseltine J. E. & Co. (Carriage, Heavy, etc), 43 2nd
Hexter & Co. (W. Hardware, Stoves, etc), 480 Hoyt
Honeyman Hardware Co. (General, Heavy, etc), 9th & Hoyt
Marshall Wells Hardware Co. (General, Heavy, etc), 15th & Lovejoy
May Hardware Co.
Robertson Hardware & Steel Co. (Blacksmiths', Wagonmakers', etc) 30 2nd

PENNSYLVANIA.

ALLENTOWN—Berger, Glose Co.
Ebbecke M. C. Hardware Co.
Hersh F. Hardware Co. (General, Heavy, Builders', Carriage, etc)
Schelly C. Y. & Bro. (General, Builders', etc)
Young M. S. & Co. (General, Builders', Blacksmiths', etc)
ALTOONA—Goodfellow's W. H. Sons (General Agr'l Impl'ts, etc)
Standard Supply & Equipment Co. (Tools, etc)
ASHLAND—Buck Peter E. & Sons (General, Heavy, Carriage, etc)
BELLEFONTE—Potter-Hoy Hardware Co. (General, Heavy, Carriage, etc)
BETHLEHEM—Krause J. S. Hardware Co.
BRADFORD—Emery Hardware Co. (General, Heavy, etc)
BROOKVILLE—Fetzer Bros. (Harness, Implts. & Buggies)
BUTLER—Campbell J. G. & W.
CHESTER—Galey Hardware Co.
Railey Benj. F.
CHICORA—Hays E. F. & Sons
Hoch Bros.
CLARION—Magee Jno. A. Co.
CLEARFIELD—Clearfield Hardware Co.
COATESVILLE—Pownall Hardware Co.
CONNELLSVILLE—Frisbee Hardware Co.
CORRY—Barlow Hardware Co. (General, Heavy, Blacksmiths' etc.)
DANVILLE—Danville Hardware & Supply Co.
Welliver W. W. (General, Heavy, etc)
DUBOIS—Hibner-Hoover Hardware Co. (General, Builders', etc)
Prothero, Bailey & Goodwin
EASTON—Losey & Co. (Blacksmith' & Carriage)
Miller T. T. Hardware Co. (General, Heavy, etc)
EMLENTON—Mitchell H. B. & Co.
ERIE—Erie Hardware Co.
Palace Hardware House, 913 State
Schneider Hardware Co.
Weller H. P. Supply Co. (Heavy)

PENNSYLVANIA—continued
GREENVILLE—Packard Hardware Co. (General, Heavy, etc)
HANOVER—Shirk Samuel & Son (General, Heavy, Carriage, etc)
Tanger J. C. Co.
HARRISBURG—Gable H. A.
Gilbert H & Son (General & Heavy)
Harrisburg Hardware Co.
HAZLETON—Barber J. F. & Co. (Tin, Woodenware, Stoves, etc)
Fisher, Richards & Todd (Heavy)
Hazleton Hardware Co.
Hazleton Machinery & Supply Co. (Heavy, Mine & Mill)
Woodring Jeremiah & Co. (Mine, Mill & Elect. Supplies)
HUNTINGDON—Miller C. H. Hardware Co. (General, Pipe, etc)
INDIANA—Stewart Jas. M. & Co.
JOHNSTOWN—Swank Hardware Co. (General, Builder's Carriage, etc)
KINGSTON—Roat A. J. Supply Co. (General, Heavy, Carriage, etc)
LANCASTER—Herr & Co. (General)
Pontz A. F. & Co.
Reilly Bros & Raub (General)
Steinman Hardware Co. (General, Heavy, Carriage, etc)
LEBANON—Krause Geo. Hardware Co. (General, Heavy, etc)
LEHIGHTON—Sendel & Rouse
LEWISBURG—Driesbach's C. Sons (General, Saddlery, etc)
McKEESPORT—Hartman Hardware Co.
MAHAFFEY—Wrigley Co.
MAHANOY CITY—Heiser H. J. & Co.
MECHANICSBURG—Hauck Bros.
MEYERSDALE—Cover Peter J. & Son
Shipley Hardware Co.
MIFFLIN—Guss E. M., & Sons
MILTON—Buoy Jno. Y. Co. (General)
MOUNT CARMEL—Wardrop John
MOUNT PLEASANT—Stevenson J. A. & Co.
NEW CASTLE—Kirk-Hutton & Co.
Smith C. Ed. Hardware Co.
NORRISTOWN—Quillman Benj. Hardware Co.
PATTON—Central H'dware & Supply Co.
PHILADELPHIA—Allen W. H. & G. W. (General, Builders', Cutlery, etc), 113 Market
Cusack Hdwe. Co., 1004 Arch
Field's Chas. J. Sons (General, Cutlery, etc), 633 Market
Ghriskey's Chas. M. Sons (General, Mechanics' Tools & Specialties), 508 Commerce
Hessenbruch Herman Co. (Importers & Jobbers German Hardware), 8 N 5th
Newlin-Knight Hardware Co. (General, Cutlery, Railway Supplies, etc), 411 Commerce
Noblit Bros. & Co. (Cabinet), 222 S 2d
Penn Hardware Co., 521 Commerce
Rogers & Miller (General), 135 Market
Sanson & Rowland, 505 Commerce
Seltzer-Klahr Hardware Co. (Cutlery, Guns & Ammunition), 535 Market
Shannon J. B. Hardware Co.,, 816 Chestnut
Shannon J. J. & Co., 1744 Market
Shields & Bro. (General, Heavy, etc), 521 Market
Simmons Hardware Co., 421 Arch
Soeffling Adolph & Co., 833 Arch
Standard Supply & Equip. Co., 134 N 13th

SUPPLEE-BIDDLE HARDWARE CO. (Shelf, Heavy, Cutlery, Lawn Mowers, etc), 520 Commerce
See adv index at end of book

PHOENIXVILLE — Benjamin Hardware Co.
PITTSBURGH—American Hardware & Supply Co., 43 Terminal way
Colonial Supply Co. (Heavy), 414 1st av
Demmler Bros. Co. (Enameled Ware, Household, etc), 100 Ross
Foot Pitt Hdwe. Co., 807 Liberty av
Hukill-Hunter Co., 35 Terminalway
Lindsey James C. Hardware Co., 12 8th
Logan-Gregg Hardware Co., 121 9th
Love Thompson Co., 209 1st av
McKnight Sam'l Hardware Co., 225 Federal
Simmons Hardware Co., Jenkins Arcade
Steiner & Voegtly Hardware Co., 230 Diamond
Williams J. A. & Co., 51 Chatham
Woodwell Jos. Co. (General, Builders' & Mill Supplies), 207 Wood
PLYMOUTH—Shawnee Supply Co.
POTTSTOWN—Fegely Jacob & Son
POTTSVILLE—Bright George Hardware Co. (General, Mining, etc)
Pottsville Supply Co.
Thompson L. C. (General, Heavy, Carriage, etc)
PUNXSUTAWNEY—Punxsutawney Hdwe. Co.
Punxsutawney Lumber & Supply Co.
READING—Bard Hardware Co. (General, Heavy, Carriage, etc)
Bright & Co. (General, etc)
Hoff & Bro. (General, Firearms, etc)
Kershner, Matthias & Fritch
Obold Hardware Co. (General)
Stichter Hardware Co. (General Heavy Carriage, etc)
Tragle Mfg. Co. (File, Rasps & Hack Saws)
ROUSEVILLE—Rouseville Supply Co.
ROYERSFORD—Buckwalter J. A.
SCOTTDALE—Loucks Hardware Co.
SCRANTON—Bittenbender Co. (Heavy & Carriage)
Doyle Jas. B.
Foote & Becker (Builders')
Gunster Bros.
Leonard Thos. F. Co.
Scranton Supply & Machy. Co.
SHAMOKIN—Hack W. C. & Sons
Jones Hardware Co. (Mfrs.' Agents)
Sanner Hardware Co.
SHARON—Fruit-Ohl Co. (Gen'l, Heavy, etc.)
SOMERSET—Holderbaum James B.
SOUTH BETHLEHEM—Drissel & Eberts
TAMAQUA—Seligman & Co. (General)
TITUSVILLE—Kernochan & Co.
United Hardware & Supply Co.
WARREN—Pickett Hardware Co.
WAYNESBORO—Beck & Benedict Hardware Co.
Rinehart Daniel
WILKES-BARRE—Baab Frank
Eastern Penna. Supply Co. (General Heavy, etc.)
Lewis & Bennett Hardware Co.
Morgan's C. Sons (General, Tools, etc.)
White Hardware Co.
WILLIAMSPORT—Kline & Co.
Linck Jacob H. (Est. of)
Williamsport Hardware & Stove Co.
YORK—Frey & Thomas (General)
Fulton, Mehring & Hauser Co.
McClellan & Gotwalt Co. (Ltd.), (General)
Small P. A. & S. Co. (General, Blacksmiths', etc.)

RHODE ISLAND.

PAWTUCKET—Toole Wm. K. Co.
PROVIDENCE—Ballou, Johnson & Nichols Co. (Mfrs. Agts. Kitchen Hardware), 128 Dorrance
Barker, Chadsey & Co. (General), 38 Westminster
Barrett W. E. Co., 89 Canal
Belcher & Loomis Hardware Co. (General, Manufacturing Jewelers' & Electrical Supplies, etc), 89 Weybosset
Church E. C. Co., 5 Eddy
Congdon & Carpenter Co. (General Builders', Cordage, etc), 155 Canal
Rhode Island Supply & Sprinkle Co. (Tools), 156 W Exchange
WOONSOCKET—Darling C. H.

SOUTH CAROLINA.

ANDERSON—Anderson Hardware Co.
Sullivan Hdwe. Co. (General & Heavy)
BEAUFORT—Christensen N. & Sons
CHARLESTON—Franke C. D. & Co. (Carriage & Auto Accessories)
Lazarus M. H. Co.
Southern Hardware Co. (Shelf)
Thompson-Miler Hardware Co. (Shelf)
CHESTER—Chester Hardware Co.
COLUMBIA—Lorick & Lowrance
GREENVILLE—Poe Hardware & Supply Co.
Sullivan-Markley Hardware Co.
SPARTANBURG—Montgomery & Crawford (General)
Montgomery & Crawford (General)
Palmetto Hdwe. & Supply Co.
ren, O.

SOUTH DAKOTA.

ABERDEEN—Jackson Hardware Co. (General & Heavy)
MITCHELL—Mitchell Harness Co.
RAPID CITY—Duhamel Co. (General Carriage, Wagon, etc.)
Sweeney Tom Hardware Co. (General)
SIOUX FALLS—Dakota Iron Store, The
Larson Hardware Co. (General & Heavy)

TENNESSEE.

BRISTOL—Interstate Hardware & Supply Co.
Mitchell-Powers Hardware Co. (General & Heavy)
CHATTANOOGA — James Supply Co. (General & Heavy)
McGregor J. F. Mfg. Co. (General)
Magill Hardware Co. (General & Heavy)
Rogers-Bailey Hardware Co. (Heavy)
Vance John C., Iron & Steel Co.
CLARKSVILLE—Elder J. E. Hardware Co.
Elder-Conroy Hardware Co.
Stovall Hdwe. Co.
CLINTON—Clinton Hardware Co.
COOKEVILLE—Whitson Jerre Hardware Co.
JACKSON—Gooch-Edenton Hardware Co. (General)
McGee-Ross Hardware Co.
JELLICO—Jellico Hardware Co.
McComb Supply Co.
JOHNSON CITY—Summers-Parrott Hardware Co. (General)
KNOXVILLE—House-Hasson Hardware Co.
Luttrell S. B. & Co.
McClung C. M. & Co. (General, Heavy, Tools, etc.)
Sterling, Crumbliss Hardware Co.
Tenn. Mill & Mine Supply Co. (Heavy)
Woodruff W. W. Hardware Co. (General)
MEMPHIS—Barnes W. E., Inc.
Harris Iron & Supply Co. (Carriage & Heavy)
Orgill Bros. & Co. (Shelf & Cutlery)
Pidgeon-Thomas Iron Co. (Mill Supplies)
Stewart Bros. Hardware Co.
Stratton-Warren Hardware Co. (General)
MORRISTOWN—Baylor C. E. Co. (General & Heavy)
Hasson, Holt & Nance
NASHVILLE—Buford Bros. (Heavy, Carriage, etc.)
Craig & Shoffner Hardware Co. (Shelf & Heavy)
Gray & Dudley Hardware Co. (General, Heavy, etc.)
Hermitage Hardware Co,. (General & Builders)
Hitchcock L. H. & Son (Heavy)
Keith, Simmons & Co. (General, Heavy, etc).
Lipscomb H. G. & Co. (General & Heavy)
McWhorter, Weaver & Co. (General)

TEXAS.

ABILENE—Hughes Edw. S. Co. (General & Heavy)
AMARILLO—Amarillo Hardware Co.
Morrow Thomas Hardware Co. (General)
AUSTIN—Richardson W. H,. & Co,.
Tips Walter Co. (General, Heavy, Carriage, Saddlery, etc.)
BEAUMONT—Norvell-Wilder Hardware Co.
Wilson E. L., Hardware Co. (General, Heavy, etc.)
BROWNWOOD—Austin Hall Hdwe. Co.
Weakley-Watson-Miller Hardware Co. (General)
CHILDRESS—Norris R. H. Hardware Co.
CORSICANA—Tatum W. M. Hardware Co. (General)
DALLAS—Huey & Philp Hardware Co,. (General, Tinners', etc.)
Moroney Hardware Co. (General)
DENISON—Hall-Leeper Hardware Co.
EL PASO—Krakauer, Zork & Moye's Successor's, Inc. (General Firearms, etc.)
Momsen-Dunnegan-Ryan Co.
FORT WORTH—Nash Hardware Co. (General, Heavy, etc.)

GAINESVILLE—Kennerly S. G.
GALVESTON—Black Hdwe. Co.
Blum Ben & Co.
HALLETTSVILLE — Hallettsville Hdw. Co. (General)
HOUSTON—Adoue-Keown Hardware Co.
Bering C. L. & Theo., Jr. (Sporting Goods)
Bering-Cortes Hardware Co. (General)
Heitmann F. W. Co,. (Heavy)
Meyer Jos. F. Co. (Heavy & Carriage)
Peden Iron & Steel Co. (Heavy, etc.)
JEFFERSON—Meyer Eugene
Torrans Mfg. Co.
LAREDO—Deutz A. & Bro. (General & Heavy)
MERCEDES—Rio Grande Hardware & Machinery Co.
NACOGDOCHES—Cason-Monk & Co.
PARIS—Bettes H. S. Hardware Co. (General)
ROCKDALE—Henne & Meyer Co.
SAN ANGELO—Crowther Hdwe. Co.
Findlater Hardware Co.
SAN ANTONIO—Basse Wm,. Hardware Co. (Cariage, Wagon & Heavy)
Heusinger Hardware Co. (Heavy, Builders', Cabinet, Tools, etc.)
Newton, Weller & Wagner Co.
Peden Iron & Steel Co.
Praeger Hardware Co.
Schultze-Stove & Hardware Co.
Tips Hardware Co. (General)
SHERMAN—Hardwicke-Etter Co.
Roberts, Sanford & Taylor Co. (General)
STAMFORD—Penick Hughes Co.
TEXARKANA—(See Arkansas)
TYLER—Adams J. H. & Son (General, Heavy, etc.)
Wadel Connally Hardware Co.
WACO—Herrick Hardware Co.
McLendon Hardware Co. (General), Heavy, etc)
Padgitt Tom Co. (Saddlery, etc.)
WEATHERFORD—Lowe & Co. (General, etc.)

UTAH.

OGDEN—Lowe Geo. A. Co. (Heavy)
Simmons J. C. (Tinware)
SALT LAKE CITY—Salt Lake Hardware Co. (General, Heavy, etc.)
Strevell-Paterson Hardware Co. (General, Heavy, etc)
Zion's Co-operative Merecantile Institution (General, Heavy, etc.)

VERMONT.

BELLOWS FALLS—Howard Hardware Co.
BRATTLEBORO—Robbins & Cowles
BURLINGTON—Hagar Hardware & Paint Co.
Isham Hdwe. Co.
Strong Hardware Co. (Heavy, Builders', Carriage, etc)
Vermont Hardware Co. (General & Saddlery)
MONTPELIER—Peck Bros. Co.
NEWPORT—Root Hy. S. & Son
True & Blanchard Co.
RUTLAND—Landon W. C. & Co.

VIRGINIA.

ALEXANDRIA—Carlin Hulfish Co.
BLACKSTONE—Dillard Crawley Hardware Co.
BRISTOL—(See Tennessee)
CHARLOTTESVILLE — Charlottesville Hardware Co. (General, Cutlery, Heavy, etc)
Martin W. T. Hardware Co.
CLIFTON FORGE—Smith & McKinney Hardware Co. (General, Builders', Tools, etc)
DANVILLE—Danville Hardware Co.
Mobley-Graham-Jones Co.
Piedmont Hardware Co. (General, Builders', Tools, etc)
HAMPTON—Booker H. R. & Co.
HARRISONBURG—Snell Gro. & Hardware Co.
Wilton Hardware Co..
LEXINGTON—Myers Hardware Co.
LYNCHBURG—Ainslie & Martin Co. (General, Heavy)
Bailey Spencer Hardware Co. (Heavy, Shelf, Firearms, etc)
Barker-Jennings Hardware Co. (Heavy, Shelf, Firearms, etc)
Gannaway Jno. E. & Co. (General)
Handy N. B. Co.
Perrow-Evans Hardware Co. (General)
NEWPORT NEWS—Rosenbaum Hardware Co.
NORFOLK — Building Supplies Corp. (Builders')
Malbon P. J.
Norfolk Hardware Co.
Watters & Martin (General, Heavy, etc)
White Hardware Co. (General)
Womble's J. G. Sons
NORTON—Norton Hardware Co. (General)
PETERSBURG—Leonard Chas. Hardware Co. (General)
Petersburg Hardware Co.
Stockdell Myers Hardware Co.
Stratton & Bragg Co. (Mill)
PULASKI—Price Hardware Co.
RICHMOND—Baldwin & Brown (Shelf, Builders' & Heavy), 1557 E Main
Clarke A. B. & Son Hardware Co. (General, Heavy, Carriage, etc), 510 E Broad
Donnan W. S. Hardware Co. (Heavy & General), McDonough
McGraw James (General, Machinists' Supplies), 1442 E Main
Richmond Hardware Co. (General & Shelf), 1318 E Main
Taylor E. L. & Co. (Carriage & Wagon), 1415 E Main
Virginia-Carolina Hardware Co. (General Tinware, etc), 1332 E Main
Watkins-Cottrell Co. (Shelf & Heavy), 119 S 14th
ROANOKE—Graves-Humphreys Hardware Co.
Nelson Hardware Co. (General, Miners' Supplies, etc)
Roanoke Hardware Co. (Shelf)
SOUTH BOSTON—Penick R. A. & Son (General)
STAUNTON—Bowman C. P. Hardware Co. (General, Saddlery, etc)
Worthington Hardware Co. (General, Heavy Carriage, Saddlery, etc)
SUFFOLK—Folk E. L. Co.
Thomas Hardware Co.
TAZEWELL—Greever J. A.
Peery W. E.

WASHINGTON.

ABERDEEN—Isaacson L. G. Co.
BELLINGHAM—Morse Hardware Co. (General)
Northwest Hardware Co. (General & Heavy)
EVERETT—Agnew Hardware Co.
N. YAKIMA—Yakima Hardware Co.
SEATTLE—Campbell Hardware Co.
Curtiss Wm. M. Co.
Gray Bros. Co. (Carriage, Wagon, etc)
Schwabacher Hardware Co. (Heavy, Shelf, Ship Chandlery, etc)
Seattle Hardware Co. (Heavy, Shelf, Tools, etc)
Western Hardware & Metal Co. (General, Cutlery, Tools, etc)
Whiton Hardware Co.
SPOKANE—Holley-Mason Hardware Co. (Shelf, Heavy, Plumbers, etc)
Marshall-Wells Hardware Co.
Spokane Hardware Co. (General)
TACOMA—Hunt & Mottet Co. (General & Heavy)
Mohr Henry Hardware Co.
Palace Hardware Co.

WEST VIRGINIA.

BELINGTON—Kane & Keyser Hardware Co.
BLUEFIELD—Bluefield Hardware Co. (General, Tinware, etc)
Sterling Hardware Co.
CHARLESTON—Burlew Hardware Co. (General)
Charleston Hardware Co. (General)
Goshorn Hardware Co. (General)
Loewenstein & Sons (General)
CLARKSBURG—Williams Hardware Co. (General, Heavy, Carriage)
FAIRMONT—Amos Geo. E. & Co.
Jacobs-Hutchinson Hardware Co. (General)
HUNTINGTON—Emmons, Hawkins Hardware Co. (General, Natural Gas Fixtures, etc)
Foster-Thornburg Hardware Co. (General, etc)
Huntington Hardware Co.
Miller Supply Co. (Heavy, Mine & Mill)
New River Hdwe. Co.
KEYSER—Keyser Hardware Co.
Siever Hardware Co. (General)
PARKERSBURG—Chancellor Hardware Co.
Niswander G. W. & Co.
Smith W. H. Hardware Co (General)
Wiant & Barr Hardware Co.
RAVENSWOOD—Harpold Bros.
Moore C. P. (General)
SPENCER—Moore Charles P. & Co.
SUTTON—Lee W. H.
WEST UNION—Cox Brothers Co.
WHEELING—Greer & Laing (General & Heavy)
Hiener Hardware Co.
Miller & Stein (Heavy, Carriage, etc)
Ott-Heiskell Hardware Co. (General, Cutlery, etc)
Whitaker-Glessner Co. (Wheeling Corrugating Dept.)
Wilson W. A. & Sons (Builders')

WISCONSIN.

APPLETON—Galpin's Alfred Sons
Schlafer Hardware Co.
Tesch Wm.
ASHLAND—Garnich Emil & Sons Hardware Co.
BURLINGTON—Wagner C. B. Hardware Co.
FOND DU LAC—Hughes Jno. Hardware Co.
Wegner J. F. & Co.
GREEN BAY—Morley-Murphy Hardware Co. (General, Cutlery, etc)
Wilson-Walter Co.
JANESVILLE—Bicknell Mfg. & Supply Co.
LA CROSSE—Kroner Fred Hardware Co. (General, Wagon, Tools, etc)
Tausche, Vincent Hardware Co. (General, Blacksmiths', etc)
MADISON—Kroncke H. G. Hardware Co.
Sumner & Morris
MANITOWOC—Worel & Stangel Co. (General, Heavy, Cutlery, Firearms,
MILWAUKEE—Ehlert Hardware Co., 209 3rd
Frankfurth Wm. Hardware Co. (General, Heavy, Carriage, etc.), 119 W Water
Gross Philip Hardware & Supply Co., 218 3rd
Hilgendorf C. F., 303 3d
Kolloge Hardware Co., 367 3d
Pritzlaff John Hardware Co. (General, Heavy, Tin Plate, Cutlery, etc), 51 W Water
Shadbolt & Boyd Iron Co. (Wagon & Carriage), 131 W Water
Suelflohn & Seefeld (Heavy, Carriage, etc), 45 2d
NEENAH—Krueger Wm. Co.
OSHKOSH—Hay Hardware Co.
Leach Frank Hardware Co.
RACINE—Hoernel Hardware Co.
Mohr-Jones Hardware Co.
SHEBOYGAN—Geele Frank Hardware Co.
SUPERIOR—Superior Hardware Co.
WATERTOWN—Kusel D. & F. Co.
WAUSAU—Bauman Hardware Co.

WYOMING.

CHEYENNE—Arp & Hammond Hardware Co.
Roedel Frank A.
EVANSTON—Beeman & Cashin Mercantile Co.
LARAMIE—Holliday W. H. Co.
SHERIDAN—Diefenderfer & Dinwiddie Co.

5942—Harness (Coal Mine, Etc.)

Beagle Hame Works, Freeland, Pa.
Kugler Clarence B., Jr. & Co., Land Title bldg, Phila., Pa.
Lerch Bros., 114 Hanover, Baltimore, Md.
Olewine Wm. & Son, Hazleton, Pa.
Pittsburgh Harness Supply Co., 325 Penn av, Pittsburgh, Pa.
Sells J. H. & F. A. Co., Chestnut & Pearl, Columbus, O.
Shapleigh Hardware Co., 4th & Washington av, St. Louis, Mo.
Strecker Bros. Co., Marietta, O.

5943—Harness (Contractors')

Lerch Bros., 114 Hanover, Baltimore, Md.
Sells J. H. & F. A. Co., Chestnut & Pearl, Columbus, O.
Sickles J. B. Saddlery Co., 2100 Washington, St. Louis, Mo.
United Forge & Machine Co., 527-43 Franklin, Detroit, Mich.

5944— Harness Menders

Sacks Louis, Inc. ("Royal"), Wilson av, Newark, N. J.

5945— Harness (Mill)

Garland Mfg. Co. (Loom), Saco, Me.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book

5946—Harness, Saddles & Strap Work (Mfrs.)

ARKANSAS.

FORT SMITH—Murphy W. J.
LITTLE ROCK—Voss-Barbee Mfg. Co.

CALIFORNIA.

LOS ANGELES—Los Angeles Saddlery & Finding Co.
SACRAMENTO—Van Voorhies A. A. & Co.
SAN FRANCISCO—Davis W. & Sons, 333 Market
Johnson F. S. Co., 576 Howard
Keyston Bros., 120 2d
STOCKTON—Schaffer W. H.

COLORADO.

DENVER—Wilson J. H. Saddlery Co.

CONNECTICUT.

HARTFORD—Smith, Worthington Co.

GEORGIA.

BUFORD—Allen Bona (Inc.)
Shadburn Bros.
FAIRBURN—McCurry & Inman Co.
MACON—Bernd G. Co.
WACO—Heaton & Senft

ILLINOIS.

BENTON—Jackson A. D. Saddlery Co.
BLOOMINGTON—Green B. S. Co.
CHICAGO—Kronauer Chas. & Co., 844 Fulton
Ortmayer A. & Son, 159 W Illinois
DECATUR—Starr J. G. & Son
FREEPORT—Bowler & Jones
GALESBURG—Adams & Johnson Co.
MORTON—Kramer Rotary Harrow Co.
QUINCY—Wolf Mfg. Co.
ROCKFORD—Hess & Hopkins Leather Co.

INDIANA.

ELKHART—Elkhart Carriage & Motor Car Co. (Harness Only)
FORT WAYNE—Fort Wayne Saddlery Co.
INDIANAPOLIS—Indianapolis Saddlery Co., 237 S Meridian
Rehfuss Martin Jr.
KOKOMO—Ulrich Mfg. Co. (Saddles Only)
LA PORTE—La Porte Harness Co.

IOWA.

BOONE—Goeppinger L. & H.
BURLINGTON—McConnell S. R. & I. C. Co.
CLINTON—Clinton Saddlery Co.
DAVENPORT—Sears Saddlery Co.
DES MOINES—Boyt Walter Saddlery Co
Des Moines Saddlery Co.
MUSCATINE—Van Nostrand Saddlery Co.
OSKALOOSA—Fitch R. F. & W. B. Co.
SIOUX CITY—Meyer Bros. Saddlery Co.
WATERLOO—Waterloo Saddlery Co.

KANSAS.

ATCHISON—Atchison Saddlery Co.
Kessler-Barkow Saddlery Co.
FORT SCOTT—Glunz Saddlery Co.
LEAVENWORTH—Ackenhausen Saddlery Co.
TOPEKA—Krauss O. & Sons
WICHITA—Hays L.
McComb Bros.

KENTUCKY.

LOUISVILLE—Forman-Breen Mfg. Co.
Harbison & Gathbright
Hodapp & Miller
Krieger J. P. Saddlery Co.
Miller Jno. Saddlery Co.
PADUCAH—Michael M. & Bro.

LOUISIANA.

NEW ORLEANS—Rice Louis P. & Co., 230 Decatur
Whitney & Sloo Co. (Ltd.,) 733 Tchopt
SHREVEPORT—Shreveport Saddlery Co.

MARYLAND.

BALTIMORE—Lerch Bros., 114 Hanover
Rose Peter & Sons, 9 S Howard

MASSACHUSETTS.

BOSTON—Ranno-Speirs Co., 39 High
GARDNER—Godfrey G. R.

MICHIGAN.

BATTLE CREEK—Eldred Willard H.
DETROIT—Armstrong & Graham, 128 Jefferson av
Pierson & Hough Co., 158 Congress W
Sutherland F. L. Co.
Tuttle & Clark
FLINT—Weit & Perry
HUDSON—Kellogg H.
SAGINAW—Morley Bros.
TRAVERSE CITY—Beadle Jno. T. Co.

MINNESOTA.

DULUTH—Marshall-Wells
Schulze Leather & Findings Co.
MINNEAPOLIS—Dodson, Fisher, Brockmann Co., 15 N 3rd
Noe G. D. Harness Co.
Nott W. S. Co., 2d av N & 3d
ST. PAUL—Friend Chas. & Son, 343 Jackson
Scheffer & Rossum Co., 104 E 10th
WINONA—Minnesota Harness Factory

MISSISSIPPI.

MERIDIAN—Threefoot Bros. & Co.

MISSOURI.

CALIFORNIA—Heck Wm.
KANSAS CITY—Askew Saddlery Co.
ST. JOSEPH—Rossi Saddlery Co.
Wyeth Hardware & Mfg. Co.
ST. LOUIS—Burns P. Saddlery Co., 713 Lucas
Sickles J. B. Saddlery Co., 2100 Wash.
Simmons Hardware Co., 9th & Spruce
Straus Saddlery Co., 27th & Locust
SPRINGFIELD—Hermann-Sanford Saddlery Co.
Steineger Saddlery Co.

NEBRASKA.

LINCOLN—Harpham Bros. Co.
NORFOLK—Winter H. W.
OMAHA—Cornish Alfred & Co.
Haney J. H. & Co.
Marks Bros. Saddlery Co.

NEW JERSEY.

NEWARK—Peters Harness & Saddlery Co., 364 Mulberry

NEW YORK.

ROME—Barnard Edw. Co.
Bingham Harness Co.
SYRACUSE—Olmsted Co.

NORTH CAROLINA.

WINSTON-SALEM—Shipley J. W.

NORTH DAKOTA.

FARGO—Bristol & Sweet Harness Co.
North Dakota Harness Co.

OHIO.

BRYAN—Riley Wm. H. & Son
CINCINNATI—Curry J. W. Co. ("Curry" Fabric Harness), 2615 Cummins
Graf-Morsbach Co., Flint & Wade
Grossman & Hooe Saddlery Co., 221 Main
Perkins-Campbell Co., 622 B'way
COLUMBUS—Sells J. H. & F. A. Co., Chestnut &Pearl
LOWELL—Hollinger Jacob F.
MARIETTA—Strecker Bros. Co.
NEW BERLIN—Hoover W. H. Co. (Patent Leather)
SIDNEY—Given R. & Son Co.
TOLEDO—Sattler Peter Co.

OKLAHOMA.

OKLAHOMA — Hughes-Bozarth-Anderson Co.

OREGON.

PORTLAND—Breyman Leather Co., 329 Everett
Clark Jno. Saddlery Co., 104 Front
Cronin P. J. Co., 129 1st
Lawrence Geo. Co., 82 1st
McMonies W. H. & Co., E 7th & Hancock

PENNSYLVANIA.

INDIANA—Marshall Godfrey (Saddlery)
YOUNGSVILLE—Youngsville Saddlery Co.

RHODE ISLAND.

PROVIDENCE—Rounds T. W. Co., Ltd., 48 Washington

TENNESSEE.

CHATTANOOGA—Southern Saddlery Co.
KNOXVILLE—Karnes Howard
NASHVILLE—Goodpasture & Tenison
Gray & Dudley Hardware Co.
Nashville Saddlery Co.
Orman-Partee Saddlery Co.
SHELBYVILLE — Robinson-McGill Mfg. Co.

TEXAS.

DALLAS—Padgitt Bros. Co.
Schoellkopf G. H. Saddlery Co.
Tenison Bros. Saddlery Co.
FORT WORTH—James & Schow Co.
PARIS—Paris Saddlery Co.
SAN ANTONIO—Frank L. Saddlery Co.
WACO—Padgitt Tom Co.

UTAH.

OGDEN—Read J. G. & Bros. Co.
SALT LAKE CITY—Salt Lake Hardware Co.

VIRGINIA.

RICHMOND—Cottrell Saddlery Co.
Crump Benj. T. Co.
Imperial Harness Co.

WASHINGTON.

SEATTLE—Duncan & Sons
Seattle Saddlery Co.

WEST VIRGINIA.

WHEELING—Hutchisson T. T. & Co.

WISCONSIN.

EAU CLAIRE—Schwahn-Seyberth Saddlery Co.
GREEN BAY—Franssens J. M.
McIntyre-Burrall Co.
MADISON—Madison Saddlery Co.
MILWAUKEE—Dyer Saddlery Co., 321 E Water
Wallace & Smith Co., 86 W Water
Young Benj. Co., 241 E Water

5947— Harpoons

Gilliam Co., Canton, O.
Wilcox, Crittenden & Co., Middletown, Conn.

5948— Harps (Trolley)

See Wheels, Trolley; also Trolley Line Materials

Bayonet-Trolley-Harp Co., Springfield, O.
Electric Railway Equipment Co., Cincinnati, O.
Electrical Material Co. ("Feist"), 618 W Jackson blvd
Holland Trolley Supply Co., 1623 E 43d, Cleveland, O.
LUMEN BEARING CO. ("Ideal"), Buffalo, N. Y. *See adv index at end of book*
Meckel Fred. L., 11 E 13th, Chicago, Ill.
More-Jones Brass & Metal Co., St. Louis, Mo.
NUTTALL R. D. CO. ("Union"), McCandless & Harrison av, Pittsburgh, Pa. *See adv index at end of book*
Star Brass Works ("Kalamazoo"), Kalamazoo, Mich.

5949—Harrow & Cultivator Combined

White's S. R. Sons ("I. A. Special"), Norfolk, Va.

5950— Harrows (Alfalfa)

Avery B. F. & Sons ("Avery"), Louisville, Ky.
Bucher & Gibbs Plow Co. ("Imperial"), Canton, O.
Deere & Co. ("Deere"), Moline, Ill.
Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.
Light Draft Harrow Co. ("Forkner"), Marshalltown, Ia.
Moline Plow Co. ("Moline"), Moline, Ill.
Parlin & Orendorff Co. ("P. & O."), Canton, Ill.
Rock Island Plow Co. ("Porcupine"), Rock Island, Ill.

5951— Harrows (Boss)

Anderson Co., 2324 University av, St. Paul, Minn.
Hayes Pump & Planter Co., Galva, Ill.
Keller Mfg. Co., 1325 N E Quincy, Minneapolis, Minn.
La Crosse Plow Co., La Crosse, Wis.
Madison Plow Co., Madison, Wis.
Oliver Chilled Plow Works, South Bend, Ind.
Rock Island Plow Co., Rock Island, Ill.
Rowell I. B. Co. (Scotch Lever), Waukesha, Wis.

5952-3— Harrows (Disc)

American Seeding Machine Co. ("Evans," Gang & "Superior" on Wheels, also Truck), **Springfield, O.**
Ames Plow Co., Quincy Hall, Boston, Mass.
Avery B. F. & Sons ("New Tornado"), Louisville, Ky.
Belcher & Taylor Agricultural Tool Co. ("Yankee"), Chicopee Falls, Mass.
Brinly Hardy Co., Louisville, Ky.
Bristol & Gale Co., 158 Carroll av, Chicago, Ill.
Brown Mfg. Co., Zanesville, O.
Bryan Plow Co.,, Bryan, O.
Bucher & Gibbs Plow Co. ("Imperial," "Perfect," also Cut Out Disc & Double Disc), Canton, O.
Case J. I. Plow Works ("J. I. Case,"), Racine, Wis.
Collins Plow Co., Quincy, Ill.
Cutaway Harrow Co. ("Clark's Cutaway," "Great Western"), Higganum, Conn.
Davidson-Dietrich Plow Co., Evansville, Ind.
Deere & Co. ("Deere" Engine Gang, Single & Double Action, Engine & Orchard), Moline, Ill.
Deuscher H. P. Co., Hamilton, O.
Emerson-Brantingham Co. ("Emerson" Cutout, Double Action Reversible), Rockford, Ill.
Evans B. A., Hammond, N. Y.
Fetzer & Co. ("Excello," "Spear Head," "O. K." "Fetzer," "McSherry," Springfield, Ill.
Gale Mfg. Co. ("Albion," One or Two Lever, also Cutaway), Albion, Mich.
Galesburg Coulter-Disc Co., Galesburg, Ill.
Grand Detour Plow Co., Dixon, Ill.
Haish Jacob Co., De Kalb, Ill.
Hartman Mfg. Co., Vincennes, Ind.
Hayes Pump & Planter Co. ("Sucker State"), Galva, Ill.
Holt Mfg. Co., Stockton, Cal.
International Harvester Company of America (Inc.) (Deering--McCormick-Osborne-Keystone), Harvester bldg, Chicago
Janesville Mach. Co. ("Budlong"), Janesville, Wis.
La Crosse Plow Co. ("La Crosse"), La Crosse, Wis.
Lean Roderick Mfg. Co., Mansfield, O.
Lehr Agricultural Co., Fremont, O.
Long & Allstater Co. ("Hamilton" Single & Double Tongue & Tongueless), Hamilton, O.
Luthy & Co., Peoria, Ill.
Madison Plow Co. ("F. & J."), Madison, Wis.
Maroa Mfg. Co., Maroa, Ill.
Massey-Harris Harvester Co., Batavia, N. Y.
Moline Plow Co. ("Economy," "Flying Dutchman," "Moline" Cutaway & Reversible), Moline, Ill.
Monmouth Plow Factory, Monmouth, Ill.
Ohio Cultivator Co. ("Bellevue," "Hi-Lo," "Star"), Bellevue, O.
Ohio Rake Co. (Cut Out Disc, "Dayton," Double Disc, "Dandy," "Chattanooga," "Bells" Center Cut & "New Lion" Reversible), Dayton, O.
Oliver Chilled Plow Works, South Bend, Ind.
O'Neil T. L., Marseilles, Ill.
Parlin & Orendorff Co. ("P. & O.," "Canton," "Star," Reversible, Orchard), Canton, Ill.
Peru Plow & Wheel Co., Peru, Ill.
Racine-Sattley Co. ("Governor," "Mod. X.," "Tandem"), Springfield, Ill.
Rock Island Plow Co. ("Bonanza" & "Defiance"), Rock Island, Ill.
Shaw H. C. Co., Stockton, Cal.
Sterling Mfg. So., Sterling, Ill.
Swanson-St. Joseph Plow Co., St. Joseph, Mo.
Syracuse Chilled Plow Co. (Steel Frame), Syracuse, N. Y.
Thomas Mfg. Co. ("Southern"), Springfield, O.
Thompson J. Plow Works ("Eclipse"), Beloit, Wis.
Wiard Plow Co. ("Star"), Batavia, N. Y.
Wood Walter A. Mowing & Reaping Machine Co. (Piano & Cutaway), Hoosick Falls, N. Y.
Woodhouse J. S. Co. (Smoothing), 191 Water, New York

5954— Harrows (Spading)

Bryan Plow Co., Bryan, O.
Deere & Co., Moline, Ill.
Janesville Mach. Co. ("Budlong"), Janesville, Wis.
Lean Roderick Mfg. Co. ("Roderick Lean"), Mansfield, O.
Parlin & Orendorff Co. ("P. & O."), Canton, Ill.
Wiard Plow Co. ("Morgan"), Batavia, N. Y.

5955—Harrows (Spring Tooth)

Akron Cultivator Co., Akron, O.
Albright James H. & Sons, Mifflinburg, Pa.
Babcock Mfg. Co., Leonardville, N. Y.
Belcher & Taylor Agricultural Tool Co. ("Oxford"), Chicopee Falls, Mass.
Brinly Hardy Co. ("Columbia," "Rufls"), Louisville, Ky.
Brown-Manly Plow Co. (Wood Frame), Malta, O.
Bucher & Gibbs Plow Co. ("Imperial"), Canton, O.
Buch's A. Sons Co., Elizabethtown, Pa.
Burch Plow Works Co. (Steel Frame), Crestline, O.
Conner J. W. & Son ("Orangeville" Coil Spring & Scotch Hinge), Orangeville, Pa.
Davidson-Dietrich Plow Co., Evansville, Ind.
Donaldson Bros., Mount Clemens, Mich.
Eddy W. Plow Co., Greenwich, N. Y.
Eureka Mower Co. ("Eureka," Combination "Badger," "Standard"), 16 Hickory, Utica, N. Y.
Farquhar A. B. Co. (Ltd.) ("Pennsylvania"), York, Pa.
Gale Mfg. Co. ("Albion," "Empire," "Star" Steel or Wood Frame), Albion, Mich.
Genesee Valley Mfg. Co. ("Fargo"), Mt. Morris, N. Y.
Greenville Implement Co., Greenville, Mich.
Heebner & Sons, Lansdale, Pa.
Hench & Dromgold Co., York, Pa.
Hussey Plow Co. ("Hussey"), N Berwich, "Daisy"), York, Pa.
International Harvester Company of America (Inc.) (Deering-McCormick-Osborne), Harvester bldg, Chicago
Keystone Machine Co., York, Pa.
La Crosse Plow Co. ("La Crosse"), La Crosse, Wis.
Lean Roderick Mfg. Co. (Also Spike Tooth), Mansfield, O.
Lehr Agricultural Co. (Steel Frame), Fremont, O.
Le Roy Plow Co., Le Roy, N. Y.
Light Draft Harrow Co. ("Forkner"), Marshalltown, Ia.
Maroa Mfg. Co. ("Maroa"), Maroa, Ill.
Massey-Harris Harvester Co. ("Perry"), Batavia, N. Y.
Moline Plow Co. ("Moline"), Moline, Ill.
Munnsville Plow Co. ("Perry," "Otsego" Steel Frame), Munnsville, N. Y.
New Idea Spreader Co. ("New Idea"), Coldwater, O.
Ohio Cultivator Co. ("Ohio"), Bellevue, O.
Ohio Rake Co. (Quali Steel & "Advance," "Wood," "Monarch"), Dayton, O.
Oliver Chilled Plow Works ("Oliver"), South Bend, Ind.
Parlin & Orendorff Co. ("P. & O" Spike Tooth), Canton, Ill.
Reed Fdry. & Mach. Co. ("Triumph" Sulky), Kalamazoo, Mich.
Rockford Mfg. Co., Rockford, Ill.
South Bend Chilled Plow Co. ("Jewel," "Newmarket"), South Bend, Ind.
Southern Plow Co., Dallas, Tex.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Tanner D. F., Holland, N. Y.
Thomas Mfg. Co. ("Western," "Thomas"), Springfield, O.
Wirtz & Hernlen ("Dixie"), Augusta, Ga.
Wood W. A. Mowing & Reaping Machine Co. ("Climax"), Hoosick Falls, N. Y.

5956— Harrows (Toothless)

Miller & Rellim Co. ("Rellim"), College Corner, O.

5957—Harrows & Pulverizers

Allen S. L. & Co. ("Planet Jr."), Denckla bldg., Phila., Pa.
American Seeding Machine Co. (Spike Tooth), Springfield, O.
Ames Plow Co., Quincy Hall, Boston, Mass.
Anderson Company ("Boss" Harrows), 2324 University av, St. Paul, Minn.
Avery B. F. & Sons (Lever, Spike Tooth), Louisville, Ky.
Barley Thos. K., Sedalia, Mo.
Bateman Mfg. Co. ("Iron Age"), Grenloch, N. J.
Bechtolt Geo. E., Urbana, O.
Belcher & Taylor Agl. Tool Co. (Eclipse Weed Harrow, Yankee Pulverizer, Share's Coulter Harrow, etc), Chicopee Falls, Mass.
Bloom Mfg. Co. (Spike Tooth), Nashua, Ia.
Brinly Hardy Co., Louisville, Ky.
Brown Mfg. Co., Zanesville, O.
Bryan Plow Co., Bryan, O.
Bucher & Gibbs Plow Co. (Spike Tooth), Canton, O.
Buffalo Springfield Roller Co. (Road & Street Harrows), Springfield, O.
Case J. I. Plow Works (Critic Closed End, Lever Wood Bar & Pipe & Pipe Flexible), Racine, Wis.
Clore Wm. H. Mfg. Co. (Side Harrows), Washington, Ind.
Collins Plow Co. (Quicy Lever, Steel U Bar), Quincy, Ill.
Cutaway Harrow Co. ("Clark"), Higganum, Conn.
Davidson Dietrich Plow Co. (U Bar Harrows), Evansville, Ind.
Deere John Plow Works, Moline, Ill.
Defiance Welding Co. (Peg Tooth, Self-Adjusting Leverless), Defiance, O.
Deuscher H. P. Co. ("Malcolm" Pulverizer), Hamilton, O.

HARROWS & PULVERIZERS—continued
Dowden Mfg. Co. (Ltd.) (Weed Harrow), Prairie City, Ia.
Dunham Co. (Surface & Sub-Surface), Hippodrome bldg, Cleveland, O.
Emerson-Brantingham Co. ("Emerson" Steel, Wood Frame, Smoothing, Stiff Tooth, Vibrating), Rockford, Ill.
Empire Plow Co. ("Empire"), Cleveland, O.
Farquhar A. B. Co. (Ltd.) (Spring Tooth, etc)
Fort Madison Plow Co., Fort Madison, Ia.
Gale Mfg. Co. (Spring Tooth Steel & Lever Harrows, Spike Tooth, Steel U Bar), Albion, Mich.
Galloway Wm. Co., Waterloo, Ia.
Genesee Valley Mfg. Co. ("Fargo V Tooth"), Mt. Morris, N. Y.
Grand Detour Plow Co. (Pipe, U Bar, & Oakwood Harrows), Dixon, Ill.
Haish Jacob Co., De Kalb, Ill.
Harriman Mfg. Co., Harriman, Tenn.
Hayes Pump & Planter Co. (Steel U Bar, Angle Bar or Pipe with Spike Tooth), Galva, Ill.
Hazen W. S. ("Hazen," "Scotch"), Ripon, Wis.
Howell R. R. & Co. (Harrows), 31st av, Minneapolis, Minn.
International Harrow Cultivator Co., Birmingham, Ala.
International Harvester Company of America (Inc.), Harvester bldg, Chicago
James Mfg. Co., Fort Atkinson, Wis.
Janesville Machine Co. ("Van Dyke," "James," Flexible, Plow Cut, Ewe Bar, Guarded End, Tubular Lever), Janesville, Wis.
Jelliff C. O. Mfg. Corporation ("Meeker's" Smoothing), Southport, Conn
Keystone Machine Co. (Spring & Spike Tooth), York, Pa.
La Crosse Plow Co. (Tubular, Zig-Zag, Steel & Wood Flexible & Wood Lever), La Crosse, Wis.
Lean Roderick Mfg. Co. ("Roderick Lean" All Steel Lever, Pipe Bar, Flexible, Zig-Zag, Spike Tooth), Mansfield, O.
Lee Bros., Watertown, S. D.
Lehr Agricultural Co. (Peg Tootn, etc), Fremont, O.
Le Roy Plow Co., Le Roy, N. Y.
Madison Plow Co. ("Boss," "Bonanza" Lever, U. & Pipe Bar), Madison, Wis.
Maroa Mfg. Co. (Riding Harrows), Maroa, Ill.
Marseilles Harrow Mfg. Co. (Triangular-Steel Frame), Marseilles, Ill.
Massey-Harris Harvester Co. (Steel), Batavia, N. Y.
Moline Plow Co. (Peg & Spring Tooth with or without Seat), Moline, Ill.
Monmouth Plow Factory (Lever), Monmouth, Ill.
Nash Duane H. ("Acme" Pulverizer), Millington, N. J.
National Harrow Co., Le Roy, Ill.
Ohio Cultivator Co. (Steel Lever, Cyclone Pulverizer), Bellevue, O.
Ohio Rake Co. (U Bar, Quail L Bar, Spike Tooth, "Ohio" Wood Bar "Miama"), Dayton, O.
Parlin & Orendorff Co. ("P. & O." Pipe Frame Lever, U Bar Lever, "Diamond," "Favorite" Lever Guard, "Climax" Round Bar, Clod Crusher), Canton, Ill.
Peru Plow & Wheel Co., Peru, Ill.
Peterson Mfg. Co. (Imperial Pulverizer), Kent, O.
Plattner Yale Mfg. Co. (Spike Tooth, Steel Frame), Lincoln, Col.
Pounder Geo. H. (Pounder Flexible), Ft. Atkinson, Wis.
Racine-Sattley Co. (Spike Tooth, Steel Frame, "Toga"), Springfield, Ill.
Rawlings Implement Co., 11 W Pratt, Baltimore, Md.
Reed & Rogers Mfg. Co. (Scotch), Vernon, Ind.
Ripley Foundry & Machine Co. ("Parker" Soil Pulverizers), Ripley, O.
Ripson Wm. & Son, Youngstown, N. Y.
Rock Island Plow Co. (Steel & Wood Flexible & Lever Harrows), Rock Island, Ill.
Rockford Mfg. Co. ("Rockford," Steel & Wood Lever), Rockford, Ill.
Sargent, Osgood & Roundy Co., Randolph, Vt.
Sechler D. M. Implement & Carriage Co. ("Black Hawk Pulverizer"), Moline, Ill.
South Bend Chilled Plow Co., South Bend, Ind.
Southern Plow Co. (Harrows), Columbus, Ga.
Sparta Plow Works (Imperial U Bar Harrows), Sparta, Ill.
Star Mfg. Co. (Spike Tooth Harrows), Carpentersville, Ill.
Sterling Mfg. Co. (Lever), Sterling, Ill.
Swanson-St. Joseph Plow Co. (Scotch Channel & Pipe or Tax Bar Steel Spike Tooth), St. Joseph, Mo.
Syracuse Chilled Plow Co. (Spring & Spike Tooth), Syracuse, N. Y.
Thompson Plow Works (U Bar, Steel Lever, Champion Pipe Bar), Beloit, Wis.
Tower J. D. & Sons Co. (Pulverizer, Clod Crusher & Weed Exterminator), Mendota, Ill.
Towers & Sullivan Mfg. Co. ("Pennington," Roman & Ark Side Harrow), Rome, Ga.
Vaughn Mfg. Co. (Flexible), Jefferson, Wis.
Whitman Agricultural Co., St. Louis, Mo.
Wiard Plow Co. (Cotton & Corn), Batavia, N. Y.
Wilder-Strong Implement Co., Monroe, Mich.
Wood Walter A. Mowing & Reaping Machine Co. (Disc, Spike & Spring Tooth), Hoosick Falls, N. Y.

5958— *Harvesters

See also Harvesters & Binders, Grain

Holt Mfg. Co. (Caterpillar), Peoria, Ill.
International Harvester Company of America (Inc.) (Champion-Deering-McCormick-Milwaukee-Osborne-Piano) Harvesting & Haying Machines), Harvester bldg, Chicago

5959— Harvesters (Bean)

Akron Cultivator Co. (& Com.), Akron, O.
Arnold's G. W. Son, Ionia, Mich
Batavia Machine Co., Batavia, N. Y.
Caledonia Bean Harvester Works, Caledonia, N. Y.
Donaldson Bros. ("Jiant," "Donaldson"), Mt. Clemens, Mich.
Gale Mfg. Co., Albion, Mich.
Hamachek Frank, Kewaunee, Wis.
Lehr Agricultural Co., Fremont, O.
Le Roy Plow Co., Le Roy, N. Y.
Munnsville Plow Co., Munnsville, N. Y.
Ohio Cultivator Co., Bellevue, O.
Patterson Mfg. Co., Holly, Mich.
Sterling Mfg. Co., Sterling, Ill.
Wiard Plow Co. (The Universal), Batavia, N. Y.

5960—Harvesters (Blue Grass)

King R. C. ("Kings Patent"), Carlisle, Ky.
McCormick Bros. ("McCormick"), Winchester, Ky.

5961—Harvesters (Broom Corn)

Paris Foundry & Machine Works ("Paris"), Paris, Ill.

5962—Harvesters (Combined)

Holt Mfg. Co., Stockton, Cal.
Northwest Harvester Co. ("North West," Side Hill), Spokane, Wash.

5963— Harvesters (Corn)

Bennet H. L. & Co., Westerville, O.
Blue Valley Mfg. Co., Manhattan, Kan.
Dain Mfg. Co., Ottumwa, Ia.
Fleming & Sons Mfg. Co., Huntsville, Mo.
Independent Harvester Co., Plano, Ill.
International Harvester Company of America (Inc.) (Deering-McCormick-Milwaukee-Osborne), Harvester bldg, Chicago
Jeschke Mfg. Co., Bellevue, O.
Kansas City Hay Press Co., Kansas City, Mo.
Massey-Harris Harvester Co., Batavia, N. Y.
Moline Plow Co. ("Adriance"), Moline, Ill.
Ohio Rake Co. ("Standard" Steel, "Monarch" Wood Frame), Dayton, O.
Ziegler W. F., Salina, Kan.

5964— Harvesters (Pea)

Blocki F. Co. (Pea), Sheboygan, Wis.
Cardwell Machine Co., Richmond, Va.
Gordon L. S., Elizabeth City, N. C.
Owens J. L. Co., Fulton & S E Huron, Minneapolis, Minn.
Port Huron Engine & Thresher Co., Port Huron, Mich.

Harvesters (Potato)

See Diggers, Potato

5965— Harvesters (Rice)

International Harvester Company of America (Inc.) (McCormick-Deering), Harvester bldg, Chicago, Ill.

5966—Harvesters & Binders (Grain)

Acme Harvesting Machine Co. (Combined), Peoria, Ill.
Massey-Harris Harvester Co., Batavia, N. Y.
Moline Plow Co. ("Adriance"), Moline, Ill.
Seiberling & Miller Co., Doylestown, O.
Wood Walter A. Mowing & Reaping Machine Co. ("New Century"), Hoosick Falls, N. Y.

5966a—*Hasps (Automatic & Safety)

Griffin Mfg. Co., Erie, Pa.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

5966b—*Hasps (Basket & Crate)

STANLEY WORKS, New Britain, Conn.
See adv index at end of book

5966c—*Hasps (Wrought Steel)

Griffin Mfg. Co., Erie, Pa.
STANLEY WORKS (With or Without Hooks), New Britain, Conn.
See adv index at end of book

Hasps (Hinge)

See Hasps & Staples

5967— Hasps & Staples

See also Staples

Auer John Jr. (Wrought, also Hasps, with Eye Bolts, etc.), Middleton, Brooklyn, N. Y.
Brainerd Mfg. Co. (Basket, Crate & Box), East Rochester, N. Y.
Brewer Bros. Co., 614 Filbert, Phila., Pa.
Buffum Tool Co. ("Swastika," Hasps Only), South Side, Louisiana, Mo.
Corbin Cabinet Lock Co., New Britain, Conn.
Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y. *See adv index at end of book*
Griffin Mfg. Co. (Also Wrought Steel Hinge Hasps), Erie, Pa.
Hager C. & Sons Hinge Mfg. Co. (Wrought Hasps, Hooks & Staples), St. Louis, Mo.
Landers, Frary & Clark (Wrought), New Britain, Conn.
Lanz M. & Sons (Hinge Hasps), 2907 Carson, Pittsburgh, Pa.
Lawrence Bros. (Wrought Iron), Sterling, Ill.
McKinney Mfg. Co., N. S., Pittsburgh, Pa.
National Mfg. Co. (All Steel, Also Automatic Safety Latching), Sterling, Ill.
Ney Mfg. Co., Canton, O.
STANLEY WORKS (Wrought Steel With & Without Hooks, also Automatic Hasps & Basket & Crate Hasps), New Britain, Conn.
See adv index at end of book
Western Brass Mfg. Works (Cast Brass or Bronze), Marshall blvd & W 21st, Chicago, Ill.
Wilcox, Crittenden & Co. (Malleable Iron & Brass Hinge Hasps), Middletown, Conn.

5968— Hatchet Mfrs.

American Axe & Tool Co. (All Kinds), Glassport, Pa., & 253 B'way, New York
Arcade Mfg. Co. (Cast Shingling, etc.), Freeport, Ill.
Black John B. Co. ("Wm. Beatty & Sons," "Royal" Ice, Half Shingling, Claw, Lathing, Barrel, Produce, Warehouse or Tobacco, Broad, etc.), Chester, Pa.

Bradley G. W. Axe & Tool Mfg. Co. (All Kinds), Newburgh, N. Y.
Burgess-Norton Mfg. Co., Geneva, Ill.
Collins Co., Collinsville, Conn.
Duffy Mfg. Co. (Barrel), 214 W Grand av, Chicago, Ill.
Evansville Tool Works (All Kinds), Evansville, Ind.
Germantown Tool Works ("Selsor's" Rustless & "Blue Jacket" Barrell Box, Lathing, Shingling, Half Claw, etc.), 520 Commerce, Phila., Pa.
Grammes L. F. & Sons (Box Opener, Candy, etc.), Allentown, Pa.
See adv index at end of book
Grey Iron Casting Co. ("Monarch" Cast Steel, Claw, Half, Ice, Shinging, etc.), Mt. Joy, Pa.
Hammond C. & Son (All Kinds), Ogontz, Pa.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Mason & Parker Mfg. Co., Winchendon, Mass.
North Wayne Tool Co. ("Karadam," Tobacco, etc.), Hallowell, Me.
Peavey Mfg. Co. (Hunting), Bangor, Me.
Peck, Stow & Wilcox Co., Southington, Conn.
Plumb Fayette R. (Inc), ("Anchor"), Tucker & James, Phila., Pa.
Potter Mfg. Co. (Cast, Shingling, Half-Hatchets, also Ice or Candy), Geneva, O.
Reading Saddle & Mfg. Co. (Household), Reading, Pa.
Rocky Hill Hardware Co., Rocky Hill, Conn.
Romer Axe Co. ("Romer," Claw, Half, Broad, Lathing & Shingling, Sportsman's Axe Pattern, etc.), Dunkirk, N. Y.
Rubinow Edge Tool Works, 35 Vesey, Newark, N. J.
Sargent & Co. (Shingling), New Haven, Conn.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Smith H. D. & Co. ("Perfect Handle"), Plantsville, Conn.
Stover Mfg. Co. (Cast, Shingling, etc.), Freeport, Ill.
Underhill Bros., 6 Sherman, Charlestown, Boston, Mass.
Weston Thos. B., 708 Light, Baltimore, Md.
What Cheer Tool Co. ("What Cheer," Claw, Spiking, etc.), What Cheer, Iowa
Williams A. C. Co., (Cast Iron Only), Ravenna, O.
Wrightsville Hdw. Co. (Claw, Ice, Confectioners, Shingles & Half), Wrightsville, Pa.

5969— Hatchets (Candy)

Magg August Co., 509 W Lombard, Baltimore, Md.
Nicol & Co., 218 N Jefferson, Chicago, Ill.

Hatchets (Lathing)

See Hatchet Mfrs.

Hatchets (Shingling)

See Hatchet Mfrs.

5970— *Hat Brushes

See also Brushes (Hat, Clothes & Hair)
SCHIMPER WILLIAM & CO., 322-338 Ferry, Hoboken, N. J., & 33 Union sq, West, New York

Hats (Miners')

See Caps, Miners'

5971— Hats (Palm Leaf)

Burnett Geo. B. & Son, 36 W 4th, New York

5972— Hauls (Car)

BARTLETT C. O. & SNOW CO. (Chain & Cable Hauls), French, Cleveland, O.
See adv index at end of book
Chain Belt Co., Milwaukee, Wis.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Fairmont Mining Machinery Co. (Endless Cable), Fairmont, W. Va.
Helmick Foundry & Machine Co., Fairmont, W. Va.
JEFFREY MFG. CO. (Wire Cable or Chain), 961 N Fourth, Columbus, O.
See adv index at end of book
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Pittsburgh Coal Washer Co., Fulton bldg, Pittsburgh, Pa.
Webster Mfg. Co., Tiffin, O.

5973— Haversacks

Aronoff Joseph J., Trenton, N. J.
Mills Woven Cartridge Belt Co., Worcester, Mass.

5974— Hawks (Plasterers')

See also Trowels
Buffum Tool Co. ("Swastika," Aluminum), South Side, Louisiana, Mo.

5975— Hawse Reels

Norbom Engineering Co., Denckla bldg, Phila., Pa.
Thacher Geo. H. & Co., Albany, N. Y.

5976—Head Chairs (Steel Plate)

Cincinnati Frog & Switch Co., Cincinnati, O. *See adv index at end of book*
Morden Frog & Crossing Works, 208 S La Salle, Chicago, Ill.

5977— Headers (Barrel)

Ames Plow Co., Quincy Hall, Boston, Mass.
Hyson Tool & Supply Co., 4758 Easton av, St. Louis, Mo.
Swett A. L. Iron Works (Or Barrel Presses), Medina, N. Y.
Tanner D. F., Holland, N. Y.

5978— *Headers (Fruit Can)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

5979— Headers (Grain)

Acme Harvesting Machine Co. ("Hodges & Craver"), Peoria, Ill.
International Harvester Company of America (Inc.) (Champion-Deering-McCormick-Osborne), Harvester bldg, Chicago, Ill.
Massey-Harris Harvester Co. ("Continental"), Batavia, N. Y.
Wood Walter A. Mowing & Reaping Machine Co., Hoosick Falls, N. Y.

5980—Headlights (Acetylene Gas)

Adams & Westlake, 319 W Ontario, Chicago, Ill.
A. G. A. Railway Light & Signals, Elizabeth, N. J.
Dayton Mfg. Co., Dayton, O.
Handlan-Buck Mfg. Co., 210-14 N 3d, St. Louis, Mo.

Valuable for Locomotives where Electric and Oil Lights are not desired or suitable. They have many advantages over both types.
MACLEOD CO., 2227 Bogen St., Cincinnati, O.

MILBURN A. ALEXANDER CO., 1420 W Baltimore, Baltimore, Md.
See adv index at end of book
Smith of N. Y. Co., 352 Pearl, New York
United States Headlight Co., Buffalo, N. Y.

Headlights (Arc)

See Headlights, Electric Car

5981—Headlights (Arc, Electric Mine Locomotive)

Crouse-Hinds Co. ("Imperial"), Syracuse, N. Y.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Handlan-Buck Mfg. Co., 210-14 N 3d, St. Louis, Mo.
Ohio Brass Co. & Incandescent for Elec. Railway, Mansfield, O.
United States Headlight Co., Buffalo, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

5982—Headlights (Automobile)

See also Lamps, Automobile

Badger Brass Mfg. Co. ("Autoclipse"), Kenosha, Wis.
Corcoran-Victor Co. ("Victor"), Cincinnati, Ohio
Fowler Lamp & Mfg. Co. ("Fowler," Electric & Gas), 59 E 24th, Chicago, Ill.
Hawthorne Mfg. Co. ("Old Sol"), Bridgeport, Conn.
Hine-Watt Mfg. Co. ("Columbia" Bicycle & Motorcylcle, etc), 180 N Market, Chicago, Ill.
Prest-O-Lite Co. ("Prest-O-Lite"), Indianapolis, Ind.
Rochester Headlight Wks., Rochester, N. Y.
Southern Railway Supply Co., 113 N 2nd, St. Louis, Mo.
Vesta Accumulator Co. ("Vesta," Electric), 2100 Indiana av, Chicago, Ill.
Wheeler Reflector Co., 156 Pearl, Boston, Mass.

5983—Headlights (Electric Car)

See also Headlights, Locomotive

Adams & Westlake Co. (Arc & Incandescent), 319 W Ontario, Chicago, Ill.
Boesch Lamp Co., 962 Mission, San Francisco, Cal.
Crouse-Hinds Co. ("Imperial" Arc & Incandescent), Syracuse, N. Y.
Dayton Mfg. Co. (Arc & Incandescent, "Eureka," "Mosher," "Rex," "Venus," "Wagenhals," "Wellman"), Dayton, O.
Dewey F. O. Co., 28 Canal, Boston, Mass.
Dressel Railway Lamp Works, 3860 Park av, New York
Electric Service Supplies Co. ("Golden Glow"), 17th & Cambria, Phila, Pa.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Glazier Headlight Co., Rochester, N. Y.
Neal Electric Headlight Co., Board of Trade bldg, Boston, Mass.
Pyle-National Electric Headlight Co., 500 Throop, Chicago, Ill.
Rochester Headlight Wks., Rochester, N. Y.
St. Louis Car Co. ("Anderson-Smith"), 8000 N B'way, St. Louis, Mo.
Schettler C. A. & Co. (Duplex), 419 Erie bldg, Cleveland, O.
Smith of N. Y. Co., 352 Pearl, New York
Star Headlight Co., Rochester, N. Y.
Eouthern Railway Supply Co., 113 N 2nd, St. Louis, Mo.
Trolley Supply Co. ("Perfect & McLain"), Canton, O.
United States Headlight Co. (Arc & Incandescent), Buffalo, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Headlights (Incandescent)

See Headlights, Electric Car

When writing to firms whose names appear in this book please mention
HENDRICKS' COMMERCIAL REGISTER.

5984—Headlights (Locomotive)

See also Headlights, Electric Car; also Headlights, Acetylene Gas; also Headlights, Oil

Adams & Westlake Co. (Also Street & Interurban), 319 W Ontario, Chicago, Ill.
Boesch Lamp Co., 962 Mission, San Francisco, Cal.
Buda Co. ("Buda Ross" Electric), Railway Exch. bldg, Chicago, Ill.
Dayton Mfg. Co., Dayton, O.
Dewey F. O. Co., 28 Canal, Boston, Mass.
Dressel Railway Lamp Works, 3860 Park av, New York
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Glazier Headlight Co., Rochester, N. Y.
Handlan-Buck Mfg. Co. (Handlan), 210-14 N 3d, St. Louis, Mo.
Kraushaar Brass Mfg. Co. 919 Pine, St. Louis, Mo.
MILBURN A. ALEXANDER CO. (Steam Acetylene Generator), 1420 W Baltimore, Baltimore, Md.
See adv index at end of book
Moon Mfg. Co. (Electric), 122 N Jefferson, Chicago, Ill.
Pyle-National Electric Headlight Co., 500 Throop, Chicago, Ill.
Schroeder Headlight & Generator Co. (Electric & Oil), Evansville, Ind.
Sherburne & Co., 53 Oliver, Boston, Mass.
Smith of N. Y. Co., 352 Pearl, New York
Star Headlight Co., Rochester, N. Y.
United States Headlight Co. (Electric, Gas & Oil), Buffalo, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO. (Electric), East Pittsburgh, Pa.
See adv index at end of book

5985— Headlights (Oil)

Adams & Westlake Co., 319 W Ontario, Chicago, Ill.
Dayton Mfg. Co., Dayton, O.
Defiance Lantern & Stamping Co. (Kerosene), Rochester, N. Y.
Schroeder Headlight & Generator Co. ("Schroeder"), Evansville, Ind.
Smith of New York Co., 352 Pearl, New York
Star Headlight Co., Rochester, N. Y.
United States Headlight Co., Buffalo, N. Y.

5986— Headrods

Economy Separable Switch Point Co. ("Economy," Adjustable for Switch Point, etc.), Louisville, Ky.
Wharton Wm. Jr. & Co. Inc. (Various Standard Styles & "Wharton O'Brien" Insulated Operating & Lock Rods), Easton, Pa.

5987— Heads (Boring)

Lawson & Co., Inc. (Square Holes), 416 W 33rd, New York
Marvin & Casler Co, ("Casler," Offset), Canastota, N. Y.
Porter Cable Machine Co. (Adjustable), Syracuse, N. Y.
Precision Tool Co., Lansing, Mich.

5988— Heads (Buffing)

Meriden Machine Tool Co., Meriden, Conn.

5989— Heads (Casing)

Kane Supply Co. ("Moser"), Kane, Pa.

5990—Heads (Coke Scraper)

Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Phillips Mine & Mill Supply Co., 2227 Jane, Pittsburgh, Pa.
Pittsburgh Gage & Supply Co. ("Pittsburgh"), 30th & Liberty av, Pittsburgh, Pa.
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
Western Tool & Forge Co., Brackenridge, Pa.

5991— Heads (Crimping)

Sigwart & Rolston, 341 2d av, Pittsburgh, Pa.

5992— Heads (Cutter)

American Woodworking Machinery Co., Rochester, N. Y.
Bentel & Margedant Co., Hamilton, O.
Buettner Shelburne Machine Co. ("B. & S"), Terre Haute, Ind.
Fay J. A. & Egan Co., Cincinnati, O.
Lamson Cutter Head Co., 34 N Jefferson, Chicago, Ill.
Lange Mach. Wks. (Solid Steel), Aurora, Ill.
Mattison C. Machine Works, Beloit, Wis.
Philbrick Cutter Head Co., Seattle, Wash.
Porter C. O. Machinery Co. ("Porter"), Grand Rapids, Mich.
Power L. & Co., 20 S 23d, Phila., Pa.
Schellenbach-Hunt Tool Co. ("Universal" Expanding Cutter Boring), Murdock bldg, Cincinnati, O.
Shimer Samuel J. & Sons (Expansion), Milton, Pa.
Smith H. B. Machine Co., Smithville, N. J.
Stamm Machine Wks., Aurora, Ind.
Vulcan Steam Forging Co., 251 Rano, Buffalo, N. Y.
Woods S. A. Machine Co. ("The Planers of Wood," Convertible Disc Side), Boston, Mass.
Wright Chas. E. Co., Kenilworth, N. J.

5993—Heads (Cutter, Mining Machine)

Buettner Shelburne Machine Co. ("B. & S."), Terre Haute, Ind.
Prox Frank Co. (Hardware Steel), Terre Haute, Ind.

Heads (Cylinder)

See Cylinder & Tank Shells

5994— Heads (Dado)

Atkins E. C. & Co., Indianapolis, Ind.
Baldwin, Tuthill & Bolton (Groover or Dado), Grand Rapids, Mich.
Bentel & Margedant Co., Hamilton, O.
Cocker Saw Mfg. Co. (Groover & Dado), Lockport, N. Y.
Disston Henry & Sons, Tacony, Phila., Pa.
Fox Machine Co., Jackson, Mich.
HUTHER BROS. SAW MFG. CO. (Patent Groover or Dado Head), Rochester, N. Y. *See adv index at end of book*
Lamson Cutter Head Co., 34 N Jefferson, Chicago, Ill.
Mattison C. Machine Works, Beloit, Wis.
Ohlen J. & Sons Saw Mfg. Co. (Dado or Expansion Head for Groover), 931 Factory, Columbus, O.
Yates P. B. Machine Co., Beloit, Wis.

5995— Heads (Die)

Eastern Machine Screw Corp. ("H. & G." Self-Opening & Adjustable Screw Cuttting), New Haven, Conn.
Geometric Tool Co. (Self-Opening & Adjustable Screw Cutting, "Geometer" Solid adjustable), New Haven, Conn.
GREENFIELD TAP & DIE CORP'N ("Wells' Self-Opening" & "Acorn"), Greenfield, Mass.
See adv index at end of book
Jarecki Mfg. Co. ("Jarecki," Die Heads & Chucks), Erie, Pa.
Landis Machine Co. (For Pipe Threading), Waynesboro, Pa.
Modern Tool Co. (Self-Opening Screw Cutting), 300 State, Erie, Pa.
See adv index at end of book
Murchey Machine & Tool Co. (Automatic), Detroit, Mich.
National-Acme Mfg. Co. (Automatic), 7500 Stanton av, S. E. Cleveland, O.
Pottstown Machine Co., Pottstown, Pa.

5996— Heads (Drilling)

Covington Multiple Drill Co. (Multiple Spindle), Covington, Ky.
Hoefer Mfg. Co. (Auxiliary), Freeport, Ill.
Lawson & Co., Inc., 416 W 33rd, New York
Nelson-Blanck Mfg. Co. (Adjustable), Dubois & Clay av, Detroit, Mich.
Sellew Machine Tool Co., Pawtucket, R. I

5997— Heads (Flanged)

McAleenan Bros. Co., 25th & A. V. R. R., Pittsburgh, Pa.
Mossberg Frank Co. (Pressed Steel Discs or Heads), Attleboro, Mass.

5998— Heads (Golf)

Bayonne Casting Co. (Monel Metal), Bayonne, N. J.
Page Storms Drop Forge Co. (Drop Forged Steel), Chicopee, Mass.
Spalding A. G. & Bros., 126 Nassau, New York
WILLIAMS & CO. (INC.) (Monel Metal), 220-226 Penn Ave, Pittsburgh, Pa.
See adv index at end of book
Willingham E. G. (Hardwood), Memphis, Tenn.

5999— Heads (Grooving)

Cocker Saw Mfg. Co., Lockport, N. Y.
Lamson Cutter Head Co., 34 N Jefferson, Chicago, Ill.
Redin, Ekstrom & Co., Rockford, Ill.
Redin John E., Rockford, Ill.

6000— *Heads (Hard Fibre)

DELAWARE HARD FIBRE CO. (For Spark Coils, Spoons, etc), Wilmington, Del. Works: Marshallton, Del.
See adv index at end of book

6001—Heads (Hollow Auger)

Bentel & Margedant Co., Hamilton, O.

6002—Heads (Index & Dividing)

Brown & Sharpe Mfg. Co., Providence, R. I.
Cincinnati Milling Machine Co., Cincinnati, O.
Fox Machine Co., Jackson, Mich.
Garvin Machine Co., 147 Varick, New York
Pratt & Whitney Co., Hartford, Conn.
SIMMONS MACH. CO., INC., 987 B'way, Albany, N. Y.
See adv index at end of book
Willard Press & Tool Co., Cincinnati, O.

6003— Heads (Jointer)

Crescent Machine Co. (Safety), Leetonia, O.
Oliver Machinery Co., Grand Rapids, Mich.
Whisler John, Gibson, Ia.

6004-5— Heads (Leader)

Greason Mfg. Co. ("Rubispierre's Patent"), 108 W 99th, New York

6006— Heads (Piston)

Chester Steel Castings Co., Chester, Pa., & 407 Sansom, Phila., Pa.
Pratt & Letchworth Co., Buffalo, N. Y.

6007— Heads (Planer)

Crucible Steel Co. of America (La Belle Steel), Oliver bldg, Pittsburgh, Pa.
Oliver Machinery Co., Grand Rapids, Mich.

6008—Heads (Polishing & Grinding)

Builders' Iron Foundry ("Builders"), 9 Codding, Providence, R. I.
Clizbe Bros. Mfg. Co., Plymouth, Ind.
Goodell-Pratt Co. (Also Grinding), Greenfield, Mass.
Smith Winfield H., Buffalo, N. Y.

6009—Heads (Power Working)

Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.
Humphryes Mfg. Co., Mansfield, O.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
McDonald A. Y. Mfg. Co., Dubuque, Ia.

6010— Heads (Shaper)

Crescent Machine Co. (Safety), Leetonia, O.
Oliver Machinery Co., Grand Rapids, Mich.
Redin John E., Rockford, Ill.

Heads (Stone Boat)

See Fronts, Stone Boat

6011— Heads (Trolley Pole)

American Safety Lamp & Mine Supply Co., Scranton, Pa.

6012-13— Heads (Turret)

Baker Machine Co., New Bedford, Mass.
Meisselbach-Catucci Mfg. Co. (For Bench & Speed Lathes), 25 Congress, Newark, N. J. *See adv index at end of book*
Milliken Machine Works (Ball), West Newton, Mass.

Hearses

See Ambulances

6013a—Heat Resisting Materials

See also Paints (Fire Resisting)

General Ceramics Co. (Clay), 50 Church, New York

6013b—Heat Treating Apparatus

Snead & Co. Iron Works (For Steel Tubes, Aeroplane Tubing, Automobile Shafts, etc), 98 Pine, Jersey City, N. J. *See adv index at end of book*

6013c—*Heat Treating (Steel)

ALLOY STEEL PRODUCTS CORP., 30 Church, New York *See adv index at end of book*
Chicago Metal Treating Co., 4032 N Rockwell, Chicago, Ill.
Conn. Metal Treating Co., Inc., Bridgeport, Conn.
Frasse Peter A. & Co. Inc., 417 Canal, New York. Works, Hartford, Conn. *See adv index at end of book*
Snead & Co. Iron Works, 98 Pine, Jersey City, N. J. *See adv index at end of book*

Heaters (Acetylene)

See Stoves, Acetylene

6014— Heaters (Air)

Pease R. L. & Co., Buffalo, N. Y.
Power Specialty Co., 111 B'way, New York
Schutte & Koerting Co. ("S. & K."), 1251 N 12th, Phila., Pa.
Worthington Pump & Machinery Corp., 115 B'way, New York *See adv index at end of book*

6015— Heaters (Air Tight)

Crunden-Martin Mfg. Co. (Sheet Iron), 2nd & Gratiot, St. Louis, Mo.
Excelsior Stove & Mfg. Co. ("National"), Quincy, Ill.
Geisel A. Mfg. Co. ("Victor" "Ideal"), 219 So 2nd, St. Louis, Mo.
Kraft A. C. (Wood), 323 W Lake, Chicago, Ill.
National Enameling & Stamping Co., 411 5th av, New York
Pease P. L. & Co., Buffalo, N. Y.
St. Louis Metalware Co., 2507 N B'way, St. Louis, Mo.

Heaters (Alcohol)

See Stoves, Alcohol

6016—Heaters (Asphalt, Pitch & Tar)

See also Machinery, Asphalt

Barber Asphalt Paving Co. ("Iroquois"), Land Title bldg, Phila., Pa.
Biehl Iron Works, Inc., Reading, Pa.
City Boiler & Machine Co., 939 W 8th, Kansas City, Mo.
Columbiana Boiler Co., Columbiana, O.
Connery & Co. ("Nonleakable"), 2d & Luzerne, Phila., Pa.
Cummer F. D. & Son Co., Superior Arcade, Cleveland, O. *See adv index at end of book*
Dover Boiler Works (Tar & Asphalt), Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
East Iron & Machine Co., 351 E Market, Lima, O.
Evans F. H., Est. of, 31 Hewes, Brooklyn, N. Y.
Farrar & Trefts, Inc., Buffalo, N. Y.
Finch Mfg. Co., Scranton, Pa.
Hauck Mfg. Co., 105 11th, Brooklyn, N. Y.
Hvass Chas. & Co., 511 E 18th, New York
Leetonia Boiler Co., Leetonia, O.
Leslie Elliott Co., Paterson, N. J.
Littleford Bros., 444 E Pearl, Cincinnati, O.
Lookout Boiler Mfg. Co., Chattanooga, Tenn.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Merrill Process Co., 70 Devonshire, Boston, Mass.
National Boiler & Sheet Iron Works, Indianapolis, Ind.
Penn Foundry & Mfg. Co., Reading, Pa. *See adv index at end of book*
Phillips, Doup & Co. ("National"), 60 Pearl, Brooklyn, N. Y.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
Smith Samuel & Son Co., Paterson, N. J.
Springfield Boiler Co., Springfield, Ill.
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y. *See adv index at end of book*
Sweeney & Gray Co., 81-85 6th, Long Island City, N. Y. *See adv index at end of book*
Turl Iron & Car Co., Inc., The, 50 Broad, New York; Works, Newburgh, N. Y.
Union Iron Works, Hoboken, N. J.
Warren City Tank & Boiler Co., Warren, O.

6017—Heaters (Auto Garage, Gas)

Kanneberg Roofing & Ceiling Co. ("Auto-Hot"), Canton, O.
Pittsburgh Water Heater Co., Columbia Bk. bldg, Pittsburgh, Pa.
Schleit W. A. Mfg. Co., Inc., Syracuse, N. Y.

6018—Heaters (Automobile & Carriage)

Chicago Flexible Shaft Co. ("Clark"), 5600 W 12th, Chicago, Ill.
Consolidated Car Heating Co. (For Electric or Gas Driven Automobiles), Albany, N. Y.
Hill Pump Valve Co. ("Utility"), Archer av, Canal & 23d, Chicago, Ill.
Kelly Foundry & Machine Co. ("R. F. D."), Goshen, Ind.
Metal Specialties Mfg. Co. (Electric), 338 N Kedzie av, Chicago, Ill.
Progressive Mercantile & Mfg Co. ("Petty"), Pana, Ill.
Radiator Footwarmer Co., 107 Tioga, Ithaca, N. Y.
Rose Mfg. Co. ("Neverout"), 910 Arch, Phila., Pa.
Wilson Stove & Mfg. Co., Valley Park, Mo.

6019— Heaters (Barrel)

Hynson Tool & Supply Co. ("Champion" Barrel & Keg), 4758 Easton av, St. Louis, Mo.
Jacobs Kenneth W. Co., 1901 St. Paul av, Milwaukee, Wis.
Manistee Iron Works Co., Manistee, Mich.
Oram John S. Co. ("Champion"), Cleveland, O.
WARSAW ELEVATOR CO., Warsaw, N. Y. *See adv index at end of book*

Heaters (Bath)

See Heaters, Water, Bath or Tank

6020— Heaters (Car, Coal)

Consolidated Car Heating Co. (Direct Steam & Hot Water), Albany, N. Y.
Cooper Heater Co. (Hot Water), Carlisle, Pa.
Fuller-Warren Co., 32d & Wright, Milwaukee, Wis.
Smith Peter Heater Co. (Hot Water), Detroit, Mich.
Spears Jas. Stove &Heating Co., 1823 Market, Phila., Pa., New York & Providence, R. I.
Vapor Car Heating Co. (Emergency Coal Stove), 1450 Railway Ex, Chicago, Ill.
Wilks S. Mfg. Co., 3517 Shields av, Chicago, Ill.

Heaters (Car, Electric)

See Heaters, Electric Car

6021—Heaters (Car, Vapor System)

Gold Car, Heating & Lighting Co., 17 Battery pl, New York
Vapor Car Heating Co., 1450 Railway Ex, Chicago, Ill.

6023—Heaters (Combination)

Barber Mfg. Co. (Hot Water & Hot Air), Ashtabula, O
Barstow Stove Co. ("Barstow," "Bay State"), 116 Point, Providence, R. I.
Belleville Stove & Range Co. (Laundry Stove & Water Heater), Belleville, Ill.
Boynton Furnace Co., 106 W 37th, New York
Cox Abram Stove Co., cor American & Dauphin, Phila., Pa.
Earley Wm. (Hot Air, Hot Water & Steam), 1216 Ridge av, Phila., Pa.
Excelsior Steel Furnace Co., 118 S Clinton, Chicago, Ill.

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Also ANNEALING *and* PACK HARDENING

Manufacturers of Electrical Heat Treating Apparatus

HEATERS (COMBINATION)—continued

Fuller-Warren Co., 32d & Wright, Milwaukee, Wis.
Fuller & Warren Co., Troy, N. Y.
Giblin & Co., Utica, N. Y.
Hart & Crouse Co., Utica, N. Y.
Henderson Frank, Troy, N. Y.
Hertig Furnace Co. ("Kohler"), 1342 Columbus av, Boston, Mass.
International Heater Co. ("Pease Economy," "International Economy"), Utica, N. Y.
Keeley Stove Co. ("Columbian"), Columbia, Pa.
Keith Furnace Co. ("Keith"), Des Moines, Ia.
Magee Furnace Co., 88 Union, Boston, Mass.
Makin Heating Co., 1827 Filbert, Phila., Pa.
March-Brownback Stove Co., Pottstown, Pa.
Monroe Foundry & Furnace Co., Monroe, Mich.
Mott J. L. Iron Works (Hot Air & Hot Water), Trenton, N. J.
Mueller L. J. Furnace Co., Milwaukee, Wis.
Peninsular Stove Co. (Hot Air & Hot Water), Detroit, Mich.
Portland Stove Foundry Co., Portland, Me.
Quaker Mfg. Co. (Hot Air & Hot Water), 180 N Dearborn, Chicago, Ill.
Sheppard Isaac A. Co. ("Paragon"), Erie av & Sepvira, Phila., Pa.
Southard-Robertson Co. (Laundry Stove & Hot Water), Peekskill, N. Y.
Stamford Foundry Co. (Hot Air & Hot Water), Stamford, Conn.
Taplin, Rice, Clerkin Co., Akron, O.
Utica Heater Co., Utica, N. Y.
Walker & Pratt Mfg. Co., 31 Union, Boston, Mass.

6024—Heaters (Curling Iron)

Houchin Thos. W. Co., 36 E 12th, New York
Nicol & Co. ("Aetna" Gas), 218 N Jefferson, Chicago, Ill.
Simplex Electric Heating Co. (Electric "Simplex"), Cambridge, Mass.

6025— Heaters (Electric)

Adams Bros. Mfg. Co., Fayette & Chartiers, Pittsburgh, Pa.
American Electrical Heater Co. ("American" for Cooking, Heating, etc), Detroit, Mich.
Cadillac Electric Mfg. Co., Cadillac, Mich.
Consolidated Car Heating Co. (House & Office), Albany, N. Y.
Copeman Electric Stove Co., Flint, Mich.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Edison Elec. Appliance Co., Inc. (Hotpoint Div.), 5600 W Taylor, Chicago, Ill
Federal Electric Welder Co. (Welding), Warren, O.
Fox Electrical Corp., 119 W 42nd, New York
GENERAL ELECTRIC CO. (Industrial Only), Schenectady, N. Y.
See adv index at end of book
Hughes Electric Heating Co. ("Hughes" Stoves & Ranges), 5660 W Taylor, Chicago, Ill.
Johns H. W.-Manville Co., Madison av & 41st, New York
Loetscher-Ryan Mfg. Co. (Water), Dubuque, Ia.
Majestic Elec. Development Co., O'Farrell, San Francisco, Cal.
Manning, Bowman & Co. (Cooking Utensils), Meriden, Conn.
Nagel W. G. Elec. Co. ("Fisk"), Toledo, O
Natl. Elec. Utilities Corp. ("Neuco"), 103 Park av, New York
Prometheus Electric Co., 511 W 42nd, New York
Redtop Elec. Co., 8 W 19th, New York
Schaar & Co. ("Hexagon"), 1025 So State, Chicago, Ill.
Simplex Electric Heating Co. ("Simplex"), Cambridge, Mass.
Sterling Electrical Corp., 76 W 3rd, Cleveland, O.
Vulcan Electric Heating Co., 107 W 18th, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburg, Pa.
See adv index at end of book

6026—Heaters (Electric Car)

Consolidated Car Heating Co., Albany, N. Y.
Gold Car Heating & Lighting Co., 17 Battery pl, New York
Johns H. W.-Manville Co. ("J-M"), Madison av & 41st, New York

6027— Heaters (Exhaust)

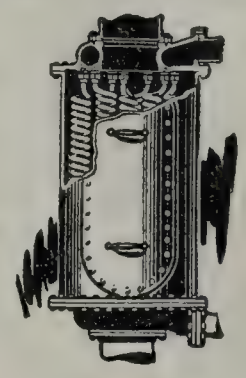
Leetonia Boiler Co. (Special), Leetonia, O.
Western Drop Forge Co., P. O. **Box 386,** Marion, Ind.

6028—Heaters (Feed Water)

See also Purifiers, Feed Water

REILLY HEATER

Highest efficiency per square foot of heating surface. Every coil may be inspected without breaking pipe joints. Coils tested to 300 pounds. Millions of horse power capacity in daily use.



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GRISCOM-RUSSELL CO.
92 West Street New York

Alberger Heater Co. ("Alberger" Multi-Head), Buffalo, N. Y.
ALBERGER PUMP & CONDENSER CO. ("Wainwright"), 140 Cedar, New York
Allen Wm. Sons Co. ("Victor," "Excelsior"), Worcester, Mass.
Baragwanath Wm. & Son, 53 W Jackson blvd, Chicago, Ill.
Bass Foundry & Machine Co., Fort Wayne, Ind.
Bates Machine Co. ("Cookson"), Joliet, Ill.
Beggs James & Co., 30 Warren, New York
See adv index at end of book
Berry Engineering Co., Chester, Pa.
Brennan John & Co., 24th & M C R R, Detroit, Mich.
Bridgeport Boiler Works Co. ("Lowe"), Bridgeport, Conn.
Brownell Co. (Standard & Improved), Dayton, Ohio
Bulkley Henry W., Orange, N. J.
Casey-Hedges Co., Chattanooga, Tenn.
Catchpole Boiler Foundry & Machine Co., Geneva, N. Y.
Central Boiler Works, 3d & Congress, Detroit, Mich.
Cole R. D. Mfg. Co., Newnan, Ga.
Connor W. B., Inc., 90 West, New York
Cox & Sons Co., Bridgeton, N. J.
Davis I. B. & Son ("Berryman," "Gleaner" & "Hartford"), Hartford, Conn.
Elliott Co. ("Pittsburg", Heater & Purifier), Pittsburgh, Pa.
Erie City Iron Works (Open & Counter Current, etc), Erie, Pa.
Exeter Machine Works, Pittston, Pa.
Frost Mfg. Co. ("Frost Standard" & "Standard"), Galesburg, Ill.
Garrett W. D. & Co. ("Garrett" Heater & Oil Separator), 126 Liberty, New York
Gem City Boiler Co., 331 Leo, Dayton, O.
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
Graves & Marshall Co., Dayton, O.
Great Lakes Engineering Works (Heaters & Purifiers), Detroit, Mich.
Green Fuel Economizer Co., Beacon, N. Y.
GRISCOM-RUSSELL CO. ("Reilly Multicoil," Closed Type, Marine & Stationary; "Goubert" Multipass, Closed Type; Russell Storage "Massillon," Open Type), 92 West, New York
See adv index at end of book
Harrisburg Pipe & Pipe Bending Co., Harrisburg, Pa.
Harris Arthur & Co. ("Harris" Coil Heater), 212 N Curtis, Chicago, Ill.
Harrison Safety Boiler Works ("Cochrane"), 3147 N 17th, Phila., Pa.
Hartwell Iron Works, Houston, Tex.
Hoppes Mfg. Co., Springfield, O.
Horstmann F. W. Co., Irvington, N. J.
Hussey, McCann & Co. (Compound Flue), 87 Warren, New York
Imperial Iron Works ("Bulkley"), Duluth, Minn.
Jackson & Church Co., Saginaw, Mich.
Jacobs Charles & Co. ("Jacobs" Water Tube), 258 Franklin, Boston, Mass.
Jarvis Engine & Machine Works ("Monitor"), Lansing, Mich.
Keeler E. Co., Williamsport, Pa.
Kelly-Derby Co., People's Gas bldg, Chicago, Ill.
Kellogg M. W. Co., 90 West, New York
See adv index at end of book
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Kroeschell Bros. Co. ("Kroeschell," "Bourgeois," Heaters & Purifiers), 440 W Erie, Chicago, Ill.
Linton Machine Co., 26 Cortlandt, New York
McGowan John H. Co., 52 Central av, Cincinnati, O.
Milwaukee Reliance Boiler Works ("Perfection" Heater & Purifier), 1102 32d, Milwaukee, Wis.
Modern Water Supply Co., 210 Wood, Pittsburgh, Pa.
Murray Iron Works Co. (Open & Closed Types), Central av & Washington, Burlington, Ia.
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
National Pipe Bending Co. ("National"), New Haven, Conn.
O'Brien Jno. Boiler Works Co., ("Weaver"), 11th & Mullanphy, St. Louis, Mo.
Open Coil Heater & Purifier Co. ("Stickle" Heater & Purifier), Indianapolis, Ind.
Patterson-Kelley Co. ("Patterson," "Standard," "Berryman"), 26 Cortlandt, New York
Phoenix Iron Works Co. ("Munn"), Meadville, Pa.
Platt Iron Works Co. ("Stillwell" Open & Closed), Dayton, O.
Power Plant Specialty Co. ("Vater" Open), Monadnock blk, Chicago, Ill.
Ross Heater & Mfg. Co., Inc., 753 Bird av, Buffalo, N. Y.
Ross Mfg. Co., Northville, Mich.
ROW & DAVIS ENGINEERS, INC. ("Paracoil"), 90 West, New York
See adv index at end of book

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Constructed with cast iron or steel plate shells, and coils having very high thermal efficiencies.

Capacities up to 5000 H. P.

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90 West Street, New York 13

Schutte & Koerting Co. ("S. & K." Film), 1251 N 12th, Phila., Pa.
Sharkey & Peck, 2433 W 18th, Chicago, Ill.
Sims Co. ("Sims" Tubular or Closed & Open Feed Water Heaters & Purifiers), 18th & Whitley av, Erie, Pa.
Springfield Boiler Co., Springfield, Ill.
Standard Steam Specialty Co. ("Utility"), 542 W B'way, New York
Standard Water Systems Co. ("Tripure" Multicoil Type), Hampton, N. J.

Stewart Heater Co. (Open & Tubular; also "The Otis"), Buffalo, N. Y.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
United Iron Works Co., Kansas City, Mo.
WALSH & WEIDNER BOILER CO., Chattanooga, Tenn.
See adv index at end of book
Webster Warren & Co., Camden, N. J.
Weld Geo. A. Co., 79 Milk, Boston, Mass.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Wetherill Robt. & Co., Chester, Pa.
Wheeler C. H. Mfg. Co. (Closed), Lehigh & N 18th, Phila., Pa.
WHEELER CONDENSER & ENGINEERING CO. ("Wheeler"), Carteret, N. J.
See adv index at end of book
Whitlock Coil Pipe Co. ("American Standard," "Berryman"), Hartford, Conn.
Wickes Boiler Co., Saginaw, Mich.
Williams Tool Co. (Transverse Current), Erie, Pa.
Worthington Pump & Machinery Corp. (Open & Closed), 115 B'way, New York
See adv index at end of book

6029— Heaters (Fire Place)

Backus Corp. ("Backus" Open Fireplace), 40 Kilby, Boston, Mass.
Bartlett Hayward Co. ("Grand Domestic," "Windsor," "Gem," "Magic," "Severn," "Chelsea," "Linden," "Monarch," "Prize," "Victor Grand"), Scott & McHenry, Baltimore, Md.
Bibb B. C. Stove Co., 107 Light, Baltimore, Md.
Century Stove & Mfg. Co. (Gas), Johnstown, Pa.
Heitland Grate & Mantel Co. (Hot Water), Quincy, Ill.
Reading Stove Works (Orr, Painter & Co.) ("Sunshine"), Reading, Pa.
Reliable Stove Co. ("Reliable"), Cleveland, O.
Richardson & Boynton Co. ("Perfect"), 31 W 31st, New York
Sanitary Heating Co. ("Grand Solar" Gas Enclosed), 233 37th, Brooklyn, N. Y.
Sexton S. B. Stove & Mfg. Co., 500 Block W Conway, Baltimore, Md.
Spear James Stove & Heating Co., 1823 Market, Phila., Pa.
Superior Mfg. Co. (For Natural or Artificial Gas), Magnolia, Pittsburgh, Pa.
Union Stove Works ("Astor Franklin"), 70 Beekman, New York

6030— Heaters (Fuel Oil)

GRISCOM-RUSSELL CO., 92 West, New York. *See adv index at end of book*
Kraft A. C., 323 W Lake, Chicago, Ill.
Otis Boiler Co., Inc., 335 W 1st, Oswego, N. Y. *See adv index at end of book*
Power Specialty Co., 111 B'way, New York
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Row & Davis Engineers, Inc., 90 West, New York. *See adv index at end of book*
Schutte & Koerting Co. ("S. & K." Film), 1251 N 12th, Phila., Pa.

6031— Heaters (Gas)

See also Stoves & Heaters & Ranges, Gas
Backus Corp. ("Backus"), 40 Kilby, Boston, Mass.
Burnoon Heater Co., Chattanooga, Tenn.
Calkins & Pearce, 751 E Long, Columbus, O.
General Gas Appliance Co., 103 Park av, New York
Hydro Heater Co., Oliver bldg, Pittsburgh, Pa.
Penn Burner & Plating Co., Inc, 214 W Ohio, N. S., Pittsburgh, Pa.
Otis Boiler Co., Inc., 335 W 1st, Oswego, N. Y. *See adv index at end of book*
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

6032—Heaters (Gas, for Tailors' Irons)

Clark Geo. M. & Co. ("Jewel"), 179 N Michigan av, Chicago, Ill.
Weiskittel A. & Son Co. ("Fire King"), 12th & E Lombard, Baltimore, Md.

6032a—Heaters (Gas Holders)

Schutte & Koerting Co., 1251 N 12th, Phila., Pa.

6033— Heaters (Gas Jet)

Kohler Die & Specialty Co. ("Kost" Jet & Floor), De Kalb, Ill.
Lewis Heating & Lighting Co., 696 E 161st, New York
Ohio State Stove Co. ("Kumfy"), Columbus, O.
Parker Wire Goods Co. (Wire), Worcester, Mass.
Woods-Sherwood Co. ("Sherwood's" Wire), Worcester, Mass.

6034—Heaters (Gas, Steam & Hot Water, Radiation)

American Blower Co. (Steam & Hot Water Only), 1400 Russell, Detroit, Mich.
Bastian-Morley Co. ("Superior" Gas & Gasoline, Range Boiler), La Porte, Ind.
Bryant Heater & Mfg. Co. ("Bryant" Gas), 952 E 72d, Cleveland, O.
Gurney Heater Mfg. Co., Franklin & Pearl, Boston, Mass.
Hoffman Heater Co., Lorain, O.
Kronquest August C. ("Maywood"), Maywood, Ill.
McLain J. H. Co., Canton, O.
Miller Wm. Range & Furnace Co., 7th & B'way, Cincinnati, O.
Pittsburgh Water Heater Co., Columbia Bank bldg, Pittsburgh, Pa.
Simmons John Co., 110 Centre, New York
Smith H. B. Co. ("Smith" for Steam & Hot Water Only), Westfield, Mass.
Stevenson Edward S. ("Dewey"), New Castle, Pa.

6035— Heaters (Glue)

Advance Machinery Co. ("Wetmore" Electric, Gas, Portable, Oil & Steam), Toledo, O.
American Electrical Heater Co. (Electric), Detroit, Mich.
Beck Chas. Co., 607 Chestnut, Phila., Pa.
See adv index at end of book
Dart E. M. Mfg. Co. ("Dart"), 1012 Eddy, Providence, R. I.
See adv index at end of book
Eclipse Fuel Engineering Co. ("Eclipse"), 100 Forbes, Rockford, Ill.
Francis Chas. E. Co., Rushville, Ind.
GENERAL ELECTRIC CO. (Electric), Schenectady, N. Y.
See adv index at end of book
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Hickok W. O. Mfg. Co. (Bookbinders'), Harrisburg, Pa.
Instantaneous Glue Converter Co., 3752 Montgomery & Norwood, Cincinnati, O.
Koven L. O. & Bro. (Electric & Pot), 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Kraft A. C., 323 W Lake, Chicago, Ill.
NASON MFG. CO. (Steam & Gas), 71 Fulton, New York
See adv index at end of book
Pancoast Henry B. Co. (Steam), 242 S 3d, Phila., Pa.
Pittsburgh Water Heater Co., Columbia Bk bldg, Pittsburgh, Pa.
Sowers Mfg. Co., 1320 Niagara, Buffalo, N. Y.
Stuart & Peterson Co. (Steam), Burlington, N. J.
Towsley Jno. T. Mfg. Co. (Steam), Cincinnati, O.
Vulcan Cooper Works (Steam), 120 Sycamore, Cincinnati, O.
Weatherly Co. (Steam), Grand Rapids, Mich.
WESTINGHOUSE ELECTRIC & MFG. CO. (Electric), East Pittsburgh, Pa.
See adv index at end of book

Heaters (Gravel)

See Sand & Gravel Heaters & Dryers

Heaters (Hot Water)

See Heaters, Steam & Hot Water

6036—Heaters (Incubator & Brooder)

Pittsburgh Water Heater Co., Columbia Bank bldg, Pittsburgh, Pa.
Treman, King & Co. (Brooders Only), Ithaca, N. Y.

Heaters (Juice)

See Heaters, Sugar Juice

6037— Heaters (Ladle)

Hauck Mfg. Co., 101 11th, Brooklyn, N. Y.
Monarch Engng. & Mfg. Co. ("Monarch Bell"), American bldg, Baltimore, Md.
Tropenas Converter Co., 2243 Nostrand av, Brooklyn, N. Y.

6037a—Heaters (Lamp Chimney)

Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Excelsior Stove & Mfg. Co., Quincy, Ill.
National Mfg. Co. ("Natwire" Wire), Worcester, Mass.
Parker Wire Goods Co. (Wire), Worcester, Mass.
Woods-Sherwood Co. (Wire), Worcester, Mass.
Wrightville Hardware Co. ("Gem"), Wrightville, Pa.

6038—Heaters (Laundry Water)

Sims Co. ("Sims" Clean Easy, Circulating), 18th & Whitley av, Erie, Pa.

Heaters (Locomotive Tire)

See Furnaces, Tire Heating

6038a—*Heaters (Marine, Hot Water)

Griscom-Russell Co., 92 West, New York
See adv index at end of book
Sturtevant F. B. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.

6038b— *Heaters (Milk)

Burrell D. H. & Co. ("B & W"), Little Falls, N. Y.

6038c— Heaters (Noiseless)

Schutte & Koerting Co. (By Direct Steam), 1251 N 12th, Phila., Pa.

Heaters (Oil)

See Stoves & Heaters, Oil

6039—Heaters or Cookers (Meal)

Buckeye Iron & Brass Works, Dayton, O.

6040— Heaters (Orchard)

AMERICAN CAN CO., 120 Broadway, New York. *See adv index at end of book*
National Enameling & Stamping Co., 411 5th av, New York.
Riverside Mfg. Co., Riverside, Cal.
Whitaker-Glessner Co., Wheeling, W Va.

6041—Heaters (Refrigerator Car)

Klauer Mfg. Co., Dubuque, Ia.

6042— Heaters (Sad Iron)

Adams Co. ("Adams"), Dubuque, Ia.
Chattanooga Implement & Mfg. Co., Chattanooga, Tenn.
Clark Geo. M. & Co. ("Jewel"), 179 N Michigan av, Chicago, Ill.
Fanner Mfg. Co. ("Arctic"), Cleveland, Ohio
Jewett & Company ("Lawrence"), Buffalo, N. Y.
Kemp C. M. Mfg. Co. ("Climax" Automatic), 405 E Oliver, Baltimore, Md.
Odin Stove Mfg. Co., Erie, Pa.
Reliable Stove Co. ("Reliable"), Cleveland, O.
Sager Lock Co., North, Chicago, Ill.
Sentinel Mfg. Co., New Haven, Conn.
Waterman Henry & Bro. (Gas), 195 Lewis, New York
Williams A. C. Co., Ravenna, O.

6043—Heaters (Soldering Iron)

American Electrical Heater Co. (Electric), Detroit, Mich.
American Gas Furnace Co., 24 John, New York
Best W. N., Inc., 11 B'way, New York
Bickelhaupt Geo. Skylight Works ("G. B."), 722 1th av, New York
Bryant Heater & Mfg. Co. ("Bryant" Gas), 952 E 72d, Cleveland, O.

HEATERS (SOLDERING IRON)—cont'd
Chicago Flexible Shaft Co. ("Stewart" Gas or Oil Blast), 5600 W 12th, Chicago, Ill.
Crane Wm. M. Co. ("Vulcan" Gas), 16 W 32d, New York
Hauck Mfg. Co., 101 11th, Brooklyn, N. Y.
QUADRIGA MFG. & SPECIALTY CO., ("Qaudriga"), 213 W Grand av, Chicago, Ill. *See adv index at end of book*
Sentinel Mfg. Co., New Haven, Conn.
Strong, Carlisle & Hammond Co. ("Frankfort"), 336-344 Frankfort av, N W, Cleveland, O.
Waterman Henry & Bro. (Gas), 195 Lewis, New York
Weiskittel A & Son Co ("Fire King" Gas), 12th & E Lombard, Baltimore, Md.

6044—Heaters (Steam Tube)

Sims & Co. ("Sims"), 18th & Whitley av, Erie, Pa.

6045-6—Heaters (Steam & Hot Water)

Firms that manufacture Hot Water Heaters only are designated thus (Hot Water) between name and address.

See also Heaters, Steam & Hot Water Trade Names; also Heating Contractors, Steam & Hot Water; also Steam Fitters' Supplies

CALIFORNIA.

LOS ANGELES—Rotary Mfg. Co., 9th & Santa Fe avs
Stephens Mfg. Co., 1119 Markstrong bldg
SAN FRANCISCO—Diamond Elec. Water Heater Co., Kohl bldg
Royal Heating Co., 280 Minna

CONNECTICUT.

HARTFORD—Whitlock Coil Pipe Co. ("American," Hot Water)
NEW HAVEN—Foskett & Bishop Co. ("Bolton G. & J. B. Improved")
National Bending Co. ("National" Hot Water)
NEW LONDON—Hopson & Chapin Mfg. Co. ("Caloric," "Hopson" "Monogram," "Pequot," Hot Water also Sectional)
NEW MILFORD—New Milford Foundry & Machine Co. ("Unique")
NORWALK—Meeker's Union Foundry Corp.
NORWICH—Young John T. Boiler Co. ("Norwich")
PUTNAM—Putnam Foundry & Machine Co. ("Plummer," "Putnam")

ILLINOIS.

CHICAGO—American Radiator Co. ("Ideal," "Vento"), 830 S Michigan av
Bender John F. ("Peerless" Kitchen Boilers), 6 W Lake
Clow Jas. B. & Sons, Franklin & Harrison
Ettinger J. M., 70 W Lake
Gorton & Lidgerwood Co. (Self-Feeding), Fisher bldg
Herbert Boiler Co. ("Herbert," "Junior"), 140 Root
Illinois Malleable Iron Co. ("Illinois," "Imico"), 1801 Diversey blvd
See adv index at end of book
International Heater Co. (of Utica, N. Y.), 1933 Wentworth av
Kellogg-Mackay Co. ("K. M. C.," "Klymax"), 403 W 18th
Kewanee Boiler Co., 328 W Washington
Kroeschell Bros. Co. (Steel Plate Greenhouse Boilers), 440 W Erie
Londelius C. A. & Sons Co., 847 W 63rd
Newport Boiler Co., 105 S Dearborn
Peerless Boiler Co., 6-8 Lake
Reynolds B. F. & Co. (Combination Warm Air & Hot Water), 414 N Dearborn
Smith V. A. Co., 236 W Lake
Vapor Car Heating Co. (Hot Water), 1450 Railway ex
Wilks S. Mfg. Co. ("Wilks" Hot Water), 3517 Shields av
GALVA—Galva Heater Co. ("Galva," "Mulford")
Hayes Pump & Planter Co. ("Dack" Hot Water)
GIBSON CITY—Gibson Iron Works
KEWANEE—Kewanee Boiler Co. ("Centur," "Great Northern," "Haxtun," "Kewanee," "Kewanee Fire Box")
Peters Pump Co. ("Gunther's" Hot Water)
ROCKFORD—American Heating & Supply Co.

INDIANA.

EVANSVILLE — Grote F. Mfg. Co. ("Grote" Sectional)
See adv index at end of book
INDIANAPOLIS — Shirley Radiator & Foundry Co. ("Shirley")
KOKOMO—Cole, Howard & Co.
TERRE HAUTE—Prox Frank Co. ("Economic," "Hy Duty Economic," Radium")
WARSAW—Maish Mfg. Co.

IOWA.

BURLINGTON—Murray Iron Works Co., Central av & Washington
CEDAR RAPIDS—Iowa Radiator Co. ("Iowa")
DES MOINES—McDonnell Boiler & Iron Works ("The Life")
OSKALOOSA—Ideal Mfg. & Supply Co. ("Phelps Ideal," "Smokeless Wonder")
Interstate Mfg. Co. ("Marvel")
Seevers Mfg. Co. ("Iowa," "Seevers")
RED OAK—Kerrihard Co. (Hot Water)
WATERLOO — Waterloo Steam Boiler Works.

MAINE.

PORTLAND—Portland Stove Foundry Co. (Hot Water)

MARYLAND.

BALTIMORE—Bitt B. C. Stove Co. (Stoves & Ranges), Light, Lombard & Balderson
Greenmount Iron & Mfg. Co., 889 Greenmount av
Sheppard Isaac A. & Co., Eastern av & Chester
Singer F. O. Co., 1212 N Tremont
Wood W. E. Co., 18 N Howard
HAGERSTOWN—New York Central Iron Works Co., Inc. ("Dunning Club")

MASSACHUSETTS.

BOSTON—Folsom R. L., 235 Congress
Gibby Foundry Co. ("Crescent," "Thayer"), 96 Condor, E. B.
Gurney Heater Mfg. Co. ("Bright Idea," "Essex," "400 Series," "Gothic," "Gurney," "Jacket," "Lenox," "900 Series"), 188 Franklin
Lord & Burnham Co. (Hot Water), Tremont bldg
Magee Furnace Co. ("Magee"), 38 Union
Pierce, Butler & Pierce Mfg. Co., 63 Federal
Smith & Anthony Co. ("Hub"), 52 Union
Walker & Pratt Mfg. Co. ("Crawford," "Walker"), 31 Union
GARDNER—Royal Steam Heater Co. ("Royal")
HOLYOKE—Holyoke Heater Co.
LYNN—Dame Melvin A. & Son Co.
Morgan J. F. & Son
Pender R. T.
Reardon Bros. & Co.
Ryan Geo. E.
Thompson & Libby
METHUEN—Sanborn Furnace Co. ("Sanborn")
SPRINGFIELD—Cave Welding & Mfg. Co' ("Weldco"), 32 Liberty
Demarest Heater Co.
TAUNTON—Dighton Furnace Co. ("Winthrop")
Weir Stove Co.
White-Warner Co.
WATERTOWN—Walker & Pratt Mfg. Co.
WESTFIELD—**SMITH H. B. CO.** ("Cottage," "Gold X. L. Sectional," "Homestead," "Menlo," "Mercer," "Mills," "Smith")
WORCESTER—Allen Wm. Sons Co. ("Allen")
Stewart Boiler Works

MICHIGAN.

DETROIT—Brennan John & Co., 24th & M. C. R. R.
Detroit Heating & Lighting Co. ("Bolton" Hot Water Heater)
Smith Peter Heater Co.
United States Radiator Corp. ("Capitol," "Capitol Winchester," "Mascot"), Broadway & Grand River
GRAND RAPIDS—Rapid Heater Co.
MONROE—Monroe Foundry & Furnace Co. ("Floral," Steam & Hot Water)

MINNESOTA.

HOPKINS—Moran Boiler Co. ("Moran")
MINNEAPOLIS—Andrews Heating. Co. ("Andrews" Steel)
Roberts-Hamilton Co. ("Robaco," "Storm King"), 413 S 4th
ST. PAUL—South Park Foundry & Machine Co. (Hot Water), Pioneer bldg
WATERMAN—Waterbury Co., 1121 Jackson, N. E.

MISSOURI.

KANSAS CITY—Prest Heating & Foundry Co.
ST. LOUIS—Universal Heater Mfg. Co., 1000-1002 Vanderventer av

NEW JERSEY.

BARTLEY—Bartley R. C. Co. ("Our Favorite")
Bartley Wm. & Sons ("Acme")
BRIDGETON—Cox & Sons Co.
HACKETTSTOWN—Torrid Heater Co.
NEWARK—Birdsall W. A. & Co. ("Cripps," "Prudential"), 44 Mechanic (Works: Collegeville, Pa.),
Drake W. H. Co. ("Gem Torrid," "Giant Torrid," "Royal Torrid," "Torrid"), 36 Clinton
Thatcher Furnace Co., 36 St. Francis
NEW BRUNSWICK—Prospect Boiler Co.
PATERSON—Columbia Heater Co. ("Columbia," "Hennings")

NEW YORK.

ALBANY—Bates Edw. P. (of Syracuse, N. Y.)
Hunter James, Heating & Contracting Co. ("Hunters")
BUFFALO—Case W. A. & Sons Mfg. Co. ("Buffalo," "Supreme")
Stewart Heater Co. (Exhaust or Live Steam)
GENEVA—Catchpole Boiler Foundry & Machine Co. ("Catchpole")
Vance Jas. R. ("Columbia," "Vance")
HOOSICK FALLS—Dorr C. M. Co.
IRVINGTON—Lord & Burnham Co. (Hot Water)
NEWBURGH—Chadburn Economy Co., Savings Bank bldg

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—O. K. Water Heater Mfg. Co., 2196 Pitkin av
Roys Steam Co., 913 Gates av
Scollay Jno. A. (Est. of) ("Invincible," "Scollay"), 74 Myrtle av

Boroughs of Manhattan and Bronx.

NEW YORK—Baker, Smith & Co. ("Baker, Smith & Co's"), 576 Greenwich
Boynton Furnace Co. ("Admiral," "Boynton," "Patriot"), 106 W 37th
GODFREY-KEELER CO., 70 Warren
See adv index at end of book
Gold Car Heating & Lighting Co., 17 Battery pl
Gorton & Lidgerwood Co. (Self-Feeding), 96 Liberty
Graff Furnace Co., 105 E 29th
GRISCOM-RUSSELL CO. ("Goubert," "Massillon," "Reilly," "Russell"), 92 West
See adv index at end of book
Hitchings & Co. (Hot Water), 1170 B'way
Hudson Boiler Mfg. Co. ("Hudson"), 359 W 42d
Lord & Burnham Co. ("Burnham" Hot Water), 30 E 42d

Mackay Mfg. Co. ("Manhattan") 234 Water
Molby Boiler Co., 101 Park av
NASON MFG. CO., 71 Fulton
See adv index at end of book
Page Wm. H. Boiler Co. ("Monarch," "Page Sectional," "Volunteer"), 141 W 36th
Patterson-Kelley Co. ("Patterson"), 26 Cortlandt
Phelps Bros. Co. ("Phelps," "Remington"), 101 Beekman
PIERCE BUTLER & PIERCE MFG. CORP. ("American," "Giant," "Improved Giant," "Modern," "Pebco," "Pierce Down Draft," "Spence," "Touraine"), 437 E 162nd
Richardson & Boynton Co. ("Richardson," "Perfect"), 31 W 31st
Richmond Radiator Co. ("Richmond"), 1480 B'way
Rutzler Enoch Co. ("Nonpareil"), 404 E 49th
Surrell Down Draft Boiler Co. ("Surrell"), 101 Park av
Thatcher Furnace Co. ("Champion," "Geyser," "Higrade," "Lender," "Progress"), 135 W 35th
Wilson & Roake, 261 Front

(End of New York City)

NORTH TONAWANDA—Niagara Radiator & Boiler Co. (Cast Iron Boilers)
ORWELL—Olmstead A. E.
PORT CHESTER—Abendroth Bros. ("York" and "Gem")
ROCHESTER—Electric Boiler Co. ("Electric," Hot Water)
Sloan Samuel & Co. ("X-Ray" & "Sanco" Boilers)
SYRACUSE—Bates Edw. P. Co. ("Bates")
Syracuse Heater Co. ("Syracuse")
TROY—Aird-Don Co. ("Trojan")
Fuller & Warren Co. (Hot Water Only)
UTICA—Giblin & Co. ("Standard")
Hart & Crouse Co. ("Royal")
International Heater Co. ("International Economy," "Prince," "Int. Sultan," "Empress," "Klymax" & "K. M. C.")
Utica Heater Co. ("Auburn," "Imperial," "Superior")

OHIO.

AKRON—Prudential Heating Co.
XXth Century Heating & Ventilating Co. ("XXth Century")
CANTON—McLain J. H. Co. ("Annapolis," "Ohio," "Purdue," "Rugby," "Vassar," "West Point," "Yale")
CINCINNATI—Hammond Heating Co., 130 E Pearl
U. S. Heating & Plumbing Co. ("Duplex Crown"), 744 W Court
Williamson Foundry Co. ("Williamson" Underfeed Boilers), Marburg av, Oakley
CLEVELAND—Bacon Heater Mfg. Co., 2622 Franklin av
Cleveland Metal Products Co. ("New Perfection"), Platt av & C. & P. R. R.
Connelly D. Boiler Co., Ivanhoe rd & N. Y. & St. L. R. R.
Mouat-Squires Co. (Hot Water), 1246 W 4th
National Heater Co. ("National")
Scientific Heater Co. (Gas for Fuel), 1065 E. 152nd
DAYTON—Brownell Co. ("Quickset" Heating Boiler)
Concord Mfg. Co. ("Delta")
Craig-Reynolds Foundry Co. ("Triumph Series")
LORAIN—Hoffman Heater Co.
MARTINS FERRY—Stanton Heater Co.
TOLEDO—National Supply Co.

PENNSYLVANIA.

COATESVILLE—Coatesville Boiler Works ("Zenith")
COLLEGEVILLE—Freed Heater Co. ("Charmer," "Freed," "Milton," "Roberts")
ERIE—Sims Co. ("Sims" Hot Water Generators), 18th & Whitley av
HANOVER—Davison Heating & Const. Co.
HUNTINGTON—Atlantic Radiator Co.
JOHNSTOWN—National Radiator Co. ("Novus")
LANCASTER—Monitor Bi-Loop Radiator Co. ("Monitor")
LANSDALE—Heebner & Sons ("Lansdale")
Lansdale Fndry. Co.
NORRISTOWN—Gibbons, N. I.
OIL CITY—Oil City Boiler Works ("Oil City," Steam & Hot Water Boilers)
PHILADELPHIA—Cox-Abram Stove Co., American & Dauphin
Earley Wm. ("Earley," Portable Hot Water & Air & Hot Water & Steam), 1216 Ridge av
Freed Heater Co., Bourse bldg
Kane Wm. Mfg. Co., 1909 Adams
Mershon Patent Shaking Grate Works, ("Mershon"), 147 N 3d
Reeves S. V. ("Victor" & "Home Victor" Water), 45 N 2d
Sheppard Isaac A. Co., ("Paragon," "Excelsior"), Erie av & Sepviva
Wood Jas. P. Heating Co., 239 N 4th
PITTSBURGH—Albrecht Francis J. (Bakers)
American Radiator Co. ("Ideal"), 300 Wood
Munroe R. & Sons Mfg. Corp., 23rd & Smallman
Peerless Heater Co. ("Peerless"), 7 Wood
Peerless Water Co. ("Peerless"), 7 Wood
Pittsburgh Water Heater Co. ("Economy," "Junior," "Lion," "Pittcoal," "Pittsburgh"), Columbia Bank bldg
Ruud Mfg. Co. (Hot Water), 428 Penn av
POTTSTOWN—Sotter Bros. ("Sotter's")
READING—Reading Scale & Machine Co. ("Imperial Sunshine," "Majestic Sunshine," "Monarch Sunshine," "Vassar")
SCRANTON—Spencer Heater Co. ("Spencer")
TATAMY—Messinger Mfg. Co. ("Imperial")
TYRONE—Burley Heater Co Co ("Burley")
WILLIAMSPORT—Keeler E. Co.
Williamsport Radiator Co ("Craig")

RHODE ISLAND.

PROVIDENCE—Allen Fire Dep't Supply Co. ("Pentecost"), 159 Aborn
Barstow Stove Co. ("Bay State" Hot Water), 116 Point

TENNESSEE.

CHATTANOOGA—Casey-Hedges Co. (Low Pressure Boilers)
WALSH & WEIDNER BOILER CO.
See adv index at end of book

VERMONT.

NORTH BENNINGTON—Simmons H. C.

WASHINGTON.

SEATTLE—Nat'l Engng. & Equipment Co.

WEST VIRGINIA.

CHARLESTON — Kanawha Mfg. Co. ("Bernhard" Water Tube)

WISCONSIN.

MILWAUKEE—Fuller-Warren Co. ("F. W. Co."), 32d, cor Wright
Mueller L. J. Furnace Co. ("Mueller")
Schwab R. J. & Sons Co. ("Gilt Edge"), 283 Clinton
RACINE—Davis O. C. ("Davis")
SHEBOYGAN—Optenberg Iron Works

6047—Heaters (Sterilizing, Electric)

Electro Dental Mfg. Co., 33d & Arch, Phila., Pa.
Hospital Supply Co., 53 5th av, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

6048—Heaters (Sugar Juice)

Blymyer Iron Works Co., Cincinnati, O.
Coldwell-Wilcox Co., Newburgh, N. Y.
Cresson-Morris Co., Allegheny & 8th, Phila., Pa.
Deming Apparatus Co., 30 Church, New York
Fogarty James H., 126 Liberty, New York
Haubtman & Loeb Co., Ltd., 717 Magazine, New Orleans, La.
Joubert & Goslin Mach. & Foundry Co., Birmingham, Ala.
Kilby Mfg. Co., Cleveland, O.
Murphy John H., 643 Magazine, New Orleans, La.
Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.
Sims Co. ("Sims"), 18th & Whitley av, Erie, Pa.
Squier Geo. L. Mfg. Co., Buffalo, N. Y.
Stearns-Roger Mfg. Co., Denver, Colo.
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
TURL IRON & CAR CO., INC., THE, 50 Broad, New York. Works: Newburgh, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

6049— Heaters (Surface)

Barber Asphalt Paving Co. ("Iroquois"), Land Title bldg, Phila., Pa.

6050—Heaters (Tank, Stock, Etc.)

Bryan Plow Co., Bryan, O.
Bryant Heater & Mfg. Co. ("Bryant," Gas for Steam Coil, Heated Tanks), 952 E 72nd, Cleveland, O.
Bushnell Tank Works (Water), Bushnell, Ill.
Butler Co ("Hayward," "Hot Stuff," "Klondike," "Twentieth Century"), Butler, Ind.
Butler Mfg. Co. ("B. M. C.," "New Era"), Kansas City, Mo.
Cedar Rapids Foundry & Machine Co., Cedar Rapids, Ia.
Cedar Rapids Pump Co. ("Acme"), Cedar Rapids, Ia.
Celina Mfg. Co. ("Monarch"), Celina, O.
Challenge Co. ("Favorite," "Challenge"), Batavia, Ill.
Chattanooga Boiler & Tank Co., Chattanooga, Tenn.
Columbian Steel Tank Co., New England bldg, Kansas City, Mo.
Cone R. D. Co., Winona, Minn.
Dempster Mill Mfg. Co. ("Beatrice"), Beatrice, Neb.
Drew Carrier Co. ("Grub"), Waterloo, Wis.
Duplex Mfg. Co. ("Badger," "Superior," "Duplex"), Superior, Wis.
Fetzer Co. ("Fetzer," "McSherry"), Springfield, Ill.
Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.
Freeland B. F. Sons Co. ("Record," "Star"), Sturgis, Mich.
Gedge Bros. Iron Roofing Co. (Galvanized Steel), Anderson, Ind.
Greenville Implement Co., Greenville, Mich.
Hammond-Homberger Co. ("Niagara" Automatic), Silver Creek, N. Y.
Hayton Pump Co., Quincy, Ill.
Heesen Bros. Co. ("Everlasting"), Tecumseh, Mich.
Heller-Aller Co. ("Napoleon"), Napoleon, O.
Hunt, Helm, Ferris & Co. ("Star," "Red Hot," "Standard," "Harvard," "Cracker Jack," "Perfection," "Black Jack" & "Iron King"), Harvard, Ill.
Indiana Tank Heater Co., Argos, Ind.
James Mfg. Co., Ft. Atkinson, Wis.
Kelly Foundry & Machine Co. ("King," "K.-T.," "Everlasting," "Goshen"), Goshen, Ind.
Kretchmer Mfg. Co. ("Best Ever"), Council Bluffs, Ia.
Midland Supply Co. ("Makestock Waymore" Kerosene), Davenport, Ia.
National Steel Tank Co., Niles, Mich.
Nelson Mfg. Co., Deerfield, Wis.
Northwestern Steel & Iron Works, Eau Claire, Wis.
Pacific Steel & Boiler Co., 15th & Dock, Tacoma, Wash.
Perkins & Wind Mill Co., Mishawaka, Ind.
Phelps & Bigelow Wind Mill Co. ("IXL"), Kalamazoo, Mich.

HEATERS (TANK, STOCK, ETC.)—cont'd

PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Pittsburgh Water Heater Co., Columbia Bank bldg, Pittsburgh, Pa.
Prox Frank Co., Terre Haute, Ind.
Richmond Water Softener Co. ("Weldex"), Richmond, Ind.
Ross Supply Co. ("Rex"), Greenville, O.
Sandwich Mfg. Co., Sandwich, Ill.
Sargent, Osgood & Roundy Co. ("Mudgett"), Randolph, Vt.
Shaw, Welsh & Co., Galesburg, Ill.
Smith & Pomeroy Windmill Co. ("Eureka"), Kalamazoo, Mich.
Sterling Foundry Co. ("Best"), Sterling, Ill.
Swift Mfg. Co. (Cast Iron), Waterloo, Ia.
Trachte Bros. Co., Madison, Wis.
U. S. Wind Engine & Pump Co. ("Artic"), Batavia, Ill.
Wills Mfg. Co. ("Cow Boy"), Mendota, Ill.
Wisconsin Foundry & Machine Co., Madison, Wis.

Heaters (Tar)

See Heaters, Asphalt, Pitch & Tar

6051— Heaters (Tire)

Gogel Mfg. Co., Toledo, O.
Improved Appliance Co., 455 Kent av, Brooklyn, N. Y.
Kane & Roach (Gas), Syracuse, N. Y.
Leetonia Boiler Co., Leetonia, O.
Lourie Mfg. Co. ("Economy"), Springfield, Ill.
Rochester Tire Heater Co., Rochester, N. Y.
Williams, White & Co., Moline, Ill.

6052—Heaters (Tuyere Iron)

Gogel Mfg. Co. (Gas, Gasoline or Oil), Toledo, O.

6053—Heaters (Water, Automatic)

See also Heaters, Water, Instantaneous

Anderson-McCutchon Co. ("Anderson"), Peekskill, N. Y.
Bellman W. E. ("Bellman-Seamans"), Buffalo, N. Y.
Bryant Heater & Mfg. Co. ("Bryant"), 952 E 72nd, Cleveland, O.
Economy Heater Co. (Gas), 108 S La Salle, Chicago, Ill.
Gordon A. D. ("Duplex," for Domestic Use), 231 Franklin, Buffalo, N. Y.
Hammond-Homberger Co. ("Niagara"), Silver Creek, N. Y.
Hayden & Derby Mfg. Co. ("H. D.," Noiseless for Heating Liquids by Direct Steam), 119 W 40th, New York
Hoffman Heater Co. ("Hoffman"), Lorain, Ohio
Hotstream Heater Co. (Cast Iron or Copper Coils), 1385 E 17th, Cleveland, Ohio
Hoyt Heater Co., Los Angeles Cal.
Hoyt Heater Co., Los Angeles, Cal.
Lovekin Water Heater Co., 39 Laurel, Phila., Pa.
Otis Boiler Co., Inc., 335 W 1st, Oswego, N. Y. *See adv index at end of book*
Patterson-Kelley Co., 26 Cortlandt, New York
Pittsburgh Water Heating Co., Columbia Bank bldg, Pittsburgh, Pa.
Pompeian Mfg. Co. ("Perfection"), 2104 Superior av, Cleveland, O.
Solar Heater Co. ("Angelus" Gas), Los Angeles, Cal.
Therman Appliance Co. ("Madsen"), 420 W 27th New York
Thomas Automatic Heater Co., Jackson, Mich.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

6054—Heaters (Water, Bath or Tank)

See also Heaters, Water, Instantaneous

Abendroth Bros. ("York," "Little Gem," "York Gem," "Gem," "Hudson"), Port Chester, N. Y.
Acme Specialty Mfg. Co. ("Acme" Gasoline), Toledo, O.
American Radiator Co. ("Ideal" Tank Heater), 820 S Michigan av, Chicago, Ill.
American Stove Co. ("Jewel," "Reliable" and "Monarch"), St. Louis, Mo., & 179 W Michigan av, Chicago, Ill.
Augmore Mfg. Co., 5407 Sweeney av, Cleveland, O.
Bellman W. E. ("Bellman-Seamans" Automatic), Buffalo, N. Y.
Bremen Mfg. Co. (Gas & Gasoline), Bremen, O.
Bryant Heater & Mfg. Co. ("Bryant," Disc Circulating Gas), 952 E 72nd, Cleveland, O.
Century Stove & Mfg. Co. ("Century" Gas), Johnstown, Pa.
Clark Geo. M. & Co. ("Jewel"), 179 N Michigan av, Chicago, Ill.
Cleveland Heater Co. (Rex), 1905 W 112th, Cleveland, O.
Crane Wm. M. Co. ("Vulcan"), 16 W 32d, New York
Dayton Supply Co. ("Dayton, Ohio," Instantaneous), Dayton, O.
Detroit Stove Works ("Paragon" Tank), Detroit, Mich.
Duluth Corrugating & Roofing Co., Duluth, Minn.
Duluth Water Heater Co., Duluth, Minn.
Eclipse Gas Stove Co. ("Eclipse" Gas), Rockford, Ill.
Eriez Stove & Mfg. Co. (Gas), Erie, Pa.
Estate Stove Co. ("Estate"), Hamilton, O.
Eureka Water Heater Co. ("Eureka," Gas Water Heater), 37 W. Lake, Chicago, Ill.
Eynon-Evans Mfg. Co. ("Noiseless"), N 15th & Clearfield, Phila., Pa.
Federal-Huber ("Gugenstrom"), 334 N Halsted, Chicago, Ill.
Fuller & Warren Co., Troy, N. Y.
Gurney Heater Mfg. Co., 188 Franklin, Boston, Mass.
Haberling Chas. ("Columbian"), Columbus, O.
Hitchings & Co. (Bath Heaters), 1170 B'way, New York
Hoffman Heater Co., Lorain, O.
Humphrey Co. (Gas, Tank), Kalamazoo, Mich.
Illinois Malleable Iron Co. ("Illinois" Tank), 1801 Diversey blvd, Chicago, Ill. *See adv index at end of book*
Keeley Stove Co. ("Columbian"), Columbia, Pa.
Kewanee Boiler Co. ("Tabasco"), Kewanee, Ill.
Knight & Jillson Co. ("Holden," Coal and Gas), Indianapolis, Ind.
Kronquist August C. ("Maywood"), Maywood, Ill.
Long Landreth Schneider Co. (Gas), New Brunswick, N. J.
Lord & Burnham Co. (Bath Heaters), 30 E 42nd, New York
Lovekin Water Heater Co., 39 Laurel, Phila., Pa.
McDowell Mfg. Co., Home Trust bldg, Pittsburgh, Pa.
Meerhoff H. H., Richmond, Va.
Trenton, N. J.
Michigan Stove Co. ("Garland"), Detroit, Mich.
Miller Wm. Range & Furnace Co., 7th & Broadway, Cincinnati, O.
Monitor Bi-Loop Radiator Co. ("Monitor"), Lancaster, Pa.
Mott J. L. Iron Works ("Sunray" Tank), Trenton, N. J.
Odin Stove Mfg. Co. (Gas), Erie, Pa.
Peerless Stove & Range Co. (Gas), Columbus, O.
PIERCE, BUTLER & PIERCE MFG. CORP., 437 E 162d, New York
Pittsburgh Water Heater Co. ("Pittsburgh," "Bungalow," "Lion"), Columbia Bank bldg., Pittsburgh, Pa.
Rapid Heater Co. ("Rapid"), Grand Rapids, Mich.
Reeves S. V. ("Victor" & "Home Victor"), Water, 42 N 2d, Phila., Pa.
Richmond Radiator Co. ("Richmond"), 1480 B'way, New York
Rolf Heater Mfg. Co., Columbus, O.
Schifferle Fredolin ("Gem"), 1206 S Broadway, St. Louis, Mo.
Schneider & Trenkamp Co., Cleveland, O.
Solar Heater Co. ("Climax-Solar," "California Solar"), Los Angeles, Cal.
Taylor Burner & Electroplating Co. (Ltd.) ("Kinyckest"), 804 Duquesneway, Pittsburgh, Pa.
Troop Mfg. Co., 218 1st av, Pittsburgh, Pa.
Twin Water Heater Co., Robinson, Ill.
Union Stove Works (Gas "Astor," "Invader"), 70 Beekman, New York
Vogelgesang Furnace Co. ("Prize Cylinder"), Columbus, O.
Walker & Pratt Mfg. Co., 31 Union, Boston, Mass.
Weiskittel A. & Son Co. ("Fire King" Gas), 12th & E Lombard, Baltimore, Md.
Wilks S. Mfg. Co., 3517 Shields av, Chicago, Ill.
Wood Jno. Mfg. Co. ("Daisy" & Electric Weld Combination), Conshohocken, Pa.

6055—Heaters (Water Coil)

Beler Water Heater Co. ("Beler"), 311 Water, Pittsburgh, Pa.
Hotstream Heater Co. (Cast Iron or Copper Coils), 1385 E 17th, Cleveland, Ohio
Lawson O. P. ("Lawson"), Homestead, Pa.
Londelius C. A. & Sons Co. (For Concrete), 847 W 63d, Chicago, Ill.
Michigan Stove Co. ("Garland" Copper Coil), Detroit, Mich., & Chicago, Ill.
Pittsburgh Water Heater Co. (Copper Coil), Columbia Bank bldg, Pittsburgh, Pa.
Ruud Mfg. Co. (Gas), 428 Penn av, Pittsburgh, Pa.

6056—Heaters (Water, Electric)

American Electrical Heater Co., Detroit, Mich.
Bridgeport Electric Mfg. Co. ("Geyser"), Bridgeport, Conn.
Coin Machine Mfg. Co., Portland, Ore.
CUTLER-HAMMER MFG. CO. (Instantaneous Portable for Buffet, Bar, etc), 12th & St. Paul av, Milwaukee, Wis. *See adv index at end of book*
Electro Dental Mfg. Co. (Sterilizers & Water Heaters), 33d & Arch, Phila., Pa.
Feldman Mfg. Co., Times bldg, New York
GENERAL ELECTRIC CO. (Industrial Only), Schenectady, N. Y.
See adv index at end of book
Grinnell Electric & Heating Co., Grinnell, Ia.
Insto. Elec. Heater Co., 331 Blymer bldg, Cincinnati, O.
Loetscher-Ryan Mfg. Co. ("Ideal Heat"), Dubuque, Ia.
Meier Dental Mfg. Co. ("Standard" Water Bottle Heaters), 3927 Olive, St. Louis, Mo.
Simplex Electric Heating Co. ("Simplex"), Cambridge, Mass.
Stubin Geyser Elec. Water Heater Co., Steubenville, O.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Heaters (Water, Garbage Burning)

See Garbage Burners, Water Heating

6057—Heaters (Water, Instantaneous)

American District Steam Co. ("Adasco" for Heating Water Direct from Steam Lines), North Tonawanda, N. Y.
American Stove Co. ("Jewel," "National" Gas), St. Louis, Mo.
Augmore Mfg. Co. (Gasoline), 5407 Sweeny av, Cleveland, O.
Barlow Co. ("Matchless"), Holyoke, Mass.
Beauvais Water Heater Co., Springfield, Mass.
Beler Water Heater Co. ("Beler"), Pittsburgh, Pa.
Century Stove & Mfg. Co. (Gas), Johnstown, Pa.
Clark Geo. M. & Co. ("Jewel" Gas), 179 N Michigan av, Chicago, Ill.
Cleveland Heater Co. ("Rex"), 1905 W 112th, Cleveland, O.
Crane Wm. M. Co. ("Vulcan"), 16 W 32d, New York
Detroit Stove Works ("Detroit Jewel"), Detroit, Mich.
Hoffman Heater Co. ("Hoffman" Automatic), Lorain, O.
Humphrey Co. (Automatic), Kalamazoo, Mich.
Instantaneous Water Heating Co. ("Acme"), Kalamazoo, Mich.
Lawson O. P. ("Lawson" Gas & Gasoline), Homestead, Pa.
Lovekin Water Heater Co. (Gas), 39 Laurel, Philadelphia, Pa.
McDowell Mfg. Co. ("Gable"), Home Trust bldg, Pittsburgh, Pa.

Matchless Heater Co. ("Matchless"), Holyoke, Mass.
Monarch Water Heater Co., 193 Chartis av, Pittsburgh, Pa.
Mustee Water Heater Co. ("Marvel"), 3409 Superior av, N E, Cleveland, O.
Parrott Heater Co. (Automatic), 64 West High, Detroit, Mich.
Phila. Stove & Iron Foundry Co. ("Clover Triumph" Gas), 1631 N 5th, Phila., Pa.
Pittsburgh Water Heater Co. ("Pittsburgh," "Automatic," "Bungalow," "Lion"), Columbia Bank bldg, Pittsburgh, Pa.
Reliable Stove Co. (Gas), Cleveland, O.
Ruud Mfg. Co. ("Ruud" Thermal Automatic Gas), 428 Penn av, Pittsburgh, Pa.
Schutte & Koerting Co. ("S. & K." for Ships, etc.), 1251 N 12th, Phila., Pa.
Weld Geo. A. Co., 79 Milk, Boston, Mass.
Wilks S. Mfg. Co., 3517 Shields av, Chicago, Ill.
Wood John Mfg. Co. ("Electric Weld" Gas), Conshohocken, Pa.

6058—Heating Apparatus (Car & Locomotive)

Gold Car Heating & Lighting Co., 17 Battery pl, New York
Steam Carriage Boiler Co. (Car Heating, Boilers), Oswego, N. Y.
Vapor Car Heating Co. ("Vapor System"), 1450 Railway Ex, Chicago, Ill.

6059—Heating Apparatus (Hot Blast)

American Blower Co., 1400 Russell, Detroit, Mich.
Baker, Smith & Co., 576 Greenwich, New York
Bayley Mfg. Co. ("Bayley"), Milwaukee, Wis.
Buffalo Forge Co., Buffalo, N. Y.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Fuller-Warren Co., 32nd & Wright, Milwaukee, Wis.
Garden City Fan Co., 332 S Michigan av, Chicago, Ill.
Green Fuel Economizer Co., Beacon, N. Y.
Miller J. K. Co., Seattle, Wash.
National Blower Works, Milwaukee, Wis.
New York Blower Co., Archer av & Canal, Chicago, Ill.
Pacific Blower & Heating Co., 224 5th, San Francisco, Cal.
Prentice L. H. Co., 330 Sherman, Chicago, Ill.
Skinner Bros. Mfg. Co. (with Blower), 10th & Tyler, St. Louis, Mo.
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book

6060—Heating Coils (For Steam or Hot Water Heating)

Green Fuel Economizer Co., Beacon, N. Y.
N. Y. Blower Co., Archer av & Canal, Chicago, Ill.
United Lead Co. (Lined or covered with Lead or Tin), 111 B'way, New York

6061—Heating Contractors (Steam & Hot Water)

Firms under this heading do Steam & Hot Water Fitting Only

ALABAMA.

MONTGOMERY—Alabama Machinery & Supply Co.

When writing to firms whose names appear in this book please mention
HENDRICKS' COMMERCIAL REGISTER.

CALIFORNIA.

LOS ANGELES—Cass-Smurr-Damerel Co.
Holbrook, Merrill & Stetson, 200 S Central av
Phillips Heat'g, Ventilating & Mfg. Co.
PASADENA—Nay E. O. & Co.
SAN FRANCISCO—**ATLAS HEATING & VENTILATOR CO.**, 72 Freelon
California Hydraulic Engineering & Supply Co., 70 Fremont
Cronan's Cornice Works, 718 Natoma
Holbrook, Merrill & Stetson, 6th & Bluxome
Mangrum & Otter (Inc.), 561 Mission
Montague W. W. & Co., 577 Market
Morgan W. & Co., Monadnock bldg
Pacific Blower & Heating Co., 224 5th
Royal Heating Co., 280 Minna
Scott Co., 243 Minna
Seibert Co., 1433 Divisadero
Sutton John G. Co., 243 Minna

COLORADO.

DENVER—Bradbury Bros.
Mchael Heating Co.
Pfeiffer C. P.
Reilly C. J., 1176 Gaylord

CONNECTICUT.

BRIDGEPORT—Wellington & Co., Riparian av
HARTFORD—Barrett & Wall, 40 Allyn
Murray James T. & Sons, 62 Market
NEW HAVEN—Rourke Bros. Co., 834 Grand av
NEW LONDON—Hopson & Chapin Mfg. Co.
NORWICH—Barstow J. P. & Co.
PUTNAM—Putnam Foundry & Machine Co.

DISTRICT OF COLUMBIA.

WASHINGTON—Biggs Heating Co., 917 H, N W
Butler Chas. J., 737 13th, N W
Febrey E. J. & Co., Pacific bldg
Hendley Jas. W., Corcoran bldg
Higgins Walter, 910 Mass. av, N W
King H. R., 617 10th, N E
Pierpont John A., 310 12th, N W
Rees Cyrus B., 1322 14th, N W
Stansbury Daniel R., 1304 H, N W
Zellers & Co., 1333 14th, N W

GEORGIA.

ATLANTA—Atlanta Steam Heating Co.
Cotton States Belting & Supply Co.
Englehart Co.
Smith & Guest
Warlick Sheet Metal Mfg. Co.
AUGUSTA—Erbelding E. J. Co.
MACON—Central Georgia Plumbing & Heating Co.
SAVANNAH—Savannah Blow Pipe & Exhaust Co.

ILLINOIS.

AURORA—Biever A. W. Plumbing & Heating Co.
Trauten John J.
Walters T. E. Plumbing & Heating Co.
BELLEVILLE—Karr Supply Co.
CHICAGO—Almirall & Co., 53 W Jackson boul
Arcade Steam Heating Co., 126 W Kinzie
Baker & Smith Co., 408 N Wells
Baldwin J. P. 208 N Wells
Brady & Co., 125 Curtis
Brown N. B. & Co., 9 S La Salle
Chicago Steam Heating Co., 565 W Wash.
Conlin Thos. Plumbing & Heating Co., 3978 Cottage Grove av
Consolidated Engineering Co., 507 W Jackson blvd
Cook & Chick Co., 18 E Kinzie
Cragin M. J., 746 E 43d
Crane M. H. (Est. of), 189 W Madison
Davis Construction Co., 175 N Dearborn
Davis G. M. Regulator Co., 422 Milwaukee av, Chicago, Ill.
Deppmann A. & Co., 5334 B'way
Devlin Harry J., 218 E 43d
Dilzer Fred., 58 W Kinzie
Douglass Thos. J. & Co., 441 N Dearborn
Dubsky J. F., 1506 S Springfield av
Dunbar J. J. & Co., 415 Milwaukee
GALLAGHER & SPECK, 215 W Congress
Gordon Plumbing & Heating Co., 311 E 47th
Graves Heating Co., 162 N Desplaines
Henning Bros., 3924 Indiana av
Henrich Geo. A., 5650 B'way
Herlihy J. J., 751 W Van Buren
Hess Warming & Ventilating Co., 1211 S Western av
Ideal Heating Co., 6312 Wentworth av
Kehm Bros. Co., 15 W Kinzie
Kehm Jno. R. Co., 8 E. Austin
Kellogg-Mackay Co., 403 W 18th
Kenwood Heating Co., 4825 St. Lawrence
Kersten S., 554 W Jackson blvd
Kirk Geo. H., 6711 Wentworth av
Kroeschell Bros. Co., 440 W Erie
Lamb F. W. Co., 24 E Kinzie
Lees Wm., 548 W Washington
Lybrink Chas. & Co., 37 W Vanburen
Mellish-Hayward Co., 213 W Austin av
Narowetz Heating & Ventg. Co., 225 W Lake
National Steam Heating Co., 1130 N Clark
Nilson Bros., 3222 N Halsted
Olsen Peter S. & Co., 154 W Randolph
Olson J. H., 4012 S State
Patrick Robt. Plumbing Co., 3231 Cottage Grove av
Pearce W. H. & Co., 333 S. Dearborn
Peckham Harry, Jr., 209 Milwaukee
Phillips-Getschow Co., 130 W Kinzie
Pittsburgh Piping & Equipment Co., 122 S Michigan av
Pope Wm. A., 26 N Jefferson
Powers Bros. & Co., 1034 E 43d
Prentice L. H. Co., 330 Sherman
Reger H. P. & Co., 5512 Lake Park av
Rigby Ben, 545 W Lake
Schweitzer C. & R., 849 Center
Serson Hardware Co., 109 31st
Smith James M., 6346 Stony Island av
Sullivan William Co., 34 W Austin av
Walsh W. J. & Co., 163 W Illinois
Webster Warren & Co. (Webster's System), 53 W Jackson blvd
GALESBURG—Murphy Bros.
JOLIET—Meers R.
MOLINE—Moline Heating & Construction Co.
OTTAWA—Clegg Jno. W. & John
PEORIA—Johnson Chas., Hardware Co.
QUINCY—Best E., Plumbing, Heating & Supply Co.
ROCKFORD—America Heating & Supply Co.
ROCK ISLAND—Channon & Dufva

INDIANA.

EVANSVILLE—O'Donnell Steam Heating Co.
GOSHEN—Sheridan Green & Co.
GREENCASTLE—Greencastle Foundry & Machine Co.
INDIANAPOLIS—Hayes Bros. Inc.
Johnson W. H. & Son Co., 330 E St. Joseph
Kruse & Dewenter, 427 E Washington
Shipp C. C. & Co., Indianapolis, Ind.
LAFAYETTE—Abner Co.
MUNCIE—Gallivan Jerry A. Co.
Pyhe-Werkhoff Co.
TERRE HAUTE—Prox & Burget Co.
WABASH—Hipskind Heating & Plumbing Co.

IOWA.

DES MOINES—Campbell Heating Co.

KENTUCKY.

LOUISVILLE—Clegg F. A. & Co.
NEWPORT—Fennell George H. & Co.
OWENSBORO—Guenther Hardware Co.

LOUISIANA.

MONROE—Sanders John G.
NEW ORLEANS—Gibbens-Finney-Gordon Co., 213 Canal
Haubtman & Loeb Co (Ltd), 717 Magazine
Murphy Jno. H., 643 Magazine
Payne & Joubert Machine & Foundry Co, Howard & Euphrosine
SHREVEPORT—Bain H. H. Sheet Metal Works
Hoke Plumbing & Heating Co.

MAINE.

PORTLAND—Fels Arthur B.
Moulton A. H.

MARYLAND.

BALTIMORE—Adams N. W. & Sons, No Calhoun
Andrae & Co., 30 Light
Cahill W. S. Co., ft of Webster
Calvert Stove & Heating Co., 512 S Chester
Crook H. E. Co., Inc., 28 Light
Dobson R. P. & Co., Paca & Saratoga
Enterprise Steam & Hot Water Heating Co., 600 N Howard
Groscup Co., St. Paul & 26th
Heer Bros., 218 W. Fayette
Heubeck Geo. F., Jr., 128 N Fremont av
Hill Walter E. & Co., 203 N Liberty
King Chas. T. & Co., 523 N Charles
Kries Henry A. & Sons Co., 8 W Lombard
Riggs, Distler & Stringer, 25 Light
Stebbins Wallace & Sons, 100 S Charles
Way S. Harry, 12 Clay
Zies Chas. & Sons, 320 S Fremont av
FREDERICK—Fox H. K. C.
HAGERSTOWN—Hagerstown Heating Co.

MASSACHUSETTS.

BOSTON—American Incandescent Heat Co., 10 Post O. Sq.
Anthony Frank P., 280 Washington
Barney Ventilating Fan Works (A. B. Franklin, Prop.), 19 Clardon
Bay State Heating & Sprinkler, Co., 49 Haverhill
Bradlee & Chatman Co., 54 Canal
Braman, Dow & Co., 239 Causeway
Cleghorn Co., 54 Batterymarch
Coffin Isaac Co., 52 Sudbury
Dodge Edwin L., 8 Friend
Dwyer James P. Co., 183 Harrison av
Felton-Turner Heating Co., 34 Warren
Foster Heating Co., 15 Palmer, Rox
Gallison W. H. Co. (High Pressure), 399 Atlantic av
Greene Bros., 417 Hanover
Hertig Furnace Co., 1342 Columbus av
Ingalls & Kendricken, 47 Bowker
Johnson Z. T., 3 India sq
Lovering Robert H., 37 Savin, Rox.
Lumsden & Van Stone Co., 69 High
Lynch & Woodward, 26 Beach
McLean & Cousens Co., 204 Purchase
Merrill Co. (High Pressure Piping), 19 Pearl
Montgomery F. W., 29 Purchase
Paul Andrew G. Co., 131 State
Pierce & Cox, 143 Kingston
Rice F. I. & Bennett, 36 Clardon
Richardson & Clement, 20 Union
Ross Walter B., 263 Summer
Shearman Heating Co., 18 Union
Smith & Anthony Co., 52 Union
Walworth-English-Flett Co., 100 Pearl
Webster, Warren & Co., 24 Milk
Whitten Horace E., 9 Federal Court
Woodward Frank E. & Co., 19 Friend
FAIRHAVEN—Fairhaven Iron Foundry Co.
FALL RIVER—Fall River Steam & Gas Pipe Corp.
Kelley Edward
FITCHBURG—Brownell-Mason Co.
Jennison Co. (Large)
Parks G. M. Co. (Large)
Whooley D. J. & Co.
GLOUCESTER—Stoddart A. P. & Co.
LAWRENCE—Bride, Grimes & Co.
LOWELL—Middlesex Machine Co.
NEW BEDFORD—Babbitt Steam Specialty Co.
New Bedford Boiler & Machine Co.
SALEM—Patten Paul B. Co.
SPRINGFIELD—Clapp Z. C.
Estabrook George R.
McClean George H. Co.
Morris T. J.
Oliver & Howland Co.
WYCKOFF & LLOYD CO., 19 Worthington
WORCESTER—Brunelle & Despard
Burlingame A. Co.
Callahan J. W. & Son
Central Supply Co.
Hawes Edwin Co., 726 Main
Henderson P. J., 171 Foster
Holmes M. D. & Son, Co., Salem sq
Houghton F. O.

MICHIGAN.

ALPENA—Eddy Engineering Co.
BAY CITY—Jennison Hardware Co.
DETROIT—Detroit Heating & Lighting Co.
Dodson & Card Co., 699 Howard
Simonds Heating & Specialty Co., 90 Park pl
Turner W. C., 441 Hubbard av
Vinton Co.
GRAND RAPIDS—Leitelt Adolph Iron Works
Macauley Bros.
Weatherly Co.
SAGINAW—Eureka Heating & Ventilating Co.

MINNESOTA.

DULUTH—American Heating Co.
FERGUS FALLS—Fergus Iron Works Co.
MANKATO—Mankato Mfg. Co.
MINNEAPOLIS—Andrews Heating Co., 203 Hennepin av
Gray W. I. & Co., 914 Morey pl
Hamilton W. C. T., 2948 Nicollet
Hasey Heating Co., 503 4th av S
Knights W. R., 1224 E Lake
Quam H. J., 1709 E Lake
Roberts-Hamilton Co., 413 S 4th
Saxton Heating Co., 405 6th av, S
Schupp Wm. & Co., 616 S 3d av
Smith System Heating Co., 821 Washington av S E
Tunstead Heating Co., 1019 6th av, S
ST. PAUL—Roberts John D., 854 Selby, Gilfillan blk
Sparr E. E.
Western Machine Mfg. Co., 443 Rosabel
WINONA—Winona Heating & Ventilating Co.

MISSOURI.

KANSAS CITY—Kansas City Heating Co., 15th & Grand av
Lewis & Davis, 412 E 31st
Martin H., 1411 E 14th
Mueller A. B. Heating Co., Massachusetts bldg
Prest Heating & Foundry Co.
ST. LOUIS—Ambler Edwin P., 2822 La Salle
Bradley Heating Co., 3834 Olive
Brockman J. R. Mfg. Co., 617 N 2nd
Brown Heating Co., 5972 Easton av
Cozzens Heating & Const. Co., 1201 N. Vandeventer
Elliott & Barry Eng. Co., 14 N Olive
Hanley-Casey Co., 1607 Olive
Hayes John, 806 N 14th
Haynes-Langenberg Mfg. Co., 4045 Forest Park blvd
Maloney Wm. S., 4632 Olive
Materne John R. Mfg. Co., 8th & Gratiot
Modern Heating Co., 3935 Olive
Moynihan C. S., 2602 N Spring av
National Heating Co., 2050 Geyser av
O'Mara Heating Co., Victoria bldg
Peters-Eichler Heating Co., 1516 Pine
Skinner Bros. Mfg. Co., 10th & Tyler, St. Louis, Mo.
Sodemann Heat & Power Co., 1512 Clark av
Stockhoff Supply Co., 107 N Main
Tipton & Mackey Mfg. Co., 4948 Easton av
Urbauer-Atwood Heating Co., 115 S 11th

NEW HAMPSHIRE.

KEENE—Hubbard H. W.

NEW JERSEY.

BARTLEY—Bartley Wm. & Sons
BELLEVILLE—Jacobsen W. H.
BURLINGTON—Lawrence Eli, Jr.
CAMDEN—Camden Heating Co.
Lounsberry H. C.
Webster Warren & Co.
HARRISON—Cooney John H.
JERSEY CITY—Barclay W. A., Jr., 314 Pacific av
Finnegan Thos. J.
Lutton Wm. H. Co., West Side av
MADISON—Force Chas. C. & Son
NEWARK—Cryer T. B. Co., 249 High
Denny Bros. Co., 234 Lincoln av
Reid Jno. L., 356 Mulberry
Smith & Reilly, 411 New
Wolff Wm. D. & Co., 108 S 13th
NEWTON—Watkins Chas. H.
PATERSON—Gurney Wm. H.
TOWN OF UNION—Manahan Bros Heating Co. (Heating)
TRENTON—Katzenbach F. S. & Co.

NEW YORK.

ALBANY—Bates E. P.
Hunter Jas. Heating & Contracting Co.
Tyler Fred A.
Warren James D.
BINGHAMTON—Gaylord & Eitapenc Co.
Lewis Mirt E.
Runyon & Ogden Co.
Shapley & Wells
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Burgmaster Daniel, 70 Del av
Danforth Jno. W. Co. (Large), 70 Ellicott
Frontier Plumbing & Heating Co., 353 Ellicott
Herlan Geo. J., 132 Northampton
Knepper Jno. H. & Son, 501 Wash'n
Ruckel J. H. & Son, 81 Main
Smith Jno. D. Co., 12 B'way
Tallmage M. F., 80 Seneca
Waterman Waterbury Co., Root bldg
CHARLOTTE—Whitman R.
HOOSICK FALLS—Dorr C. M. Co.
JAMESTOWN—Chatfield & Sharp
KINGSTON—Wieber & Walter
LOCKPORT—Davenport, Mart & Co.
BEACON—Green Fuel Economizer Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Apel Gustav E., 575 4th av
Bedford Heating Co., 1233 Atlantic av
Byrne Frank J., 1429 E 7th
Chapman Hiram W., 331 Vanderbilt av
Curtin Wm. H. Mfg. Co., 331 Adam
Dayton W. B. & Son, 291 Schermerhorn
Dayton & Montgomery, 9 Lafayette
Dean & Blake, 668 Fulton
Ficken Wm. H., 232 Robinson
Hinchman E. G. Co., 1263 Atlantic av
Hogle Albert P. Co., 1522 Flatbush av
Humphrey R. T., 811 Flatbush av
Ideal Heating Co., 915 Gates av
Jacobs Geo. P. & Co., 276 S 9th
Johnson & Co., 1477 Flatbush av
Leach Henry, 1103 Fulton
Moran R. J., 1307 Atlantic av
Morse Dry Dock & Repair Co., ft 56th
Murchison Jno. R., 1101 Flatbush av
Nagel Herman, 450 Bergen
O'Brien Edw. J. & Bro., 284 Rodney
Ostheimer Wm. H., 385 7th av
Phillips Doup & Co., 60 Pearl
Purvis & Shelton, 241 Plymouth
Roys System Co., 915 Gates av
Sanitary Heating Co., 233 37th
Scollay John A., 74 Myrtle av
Wilson Geo. W., 612 Myrtle av

Boroughs of Manhattan and Bronx.

NEW YORK—Abbott's M. Sons, 137 8th av
Almirall & Co., 1 Dominick
Anderson Richard, 277 W 117th
Bailey Wm. R., 96 Warren
Baker, Smith & Co., 576 Greenwich
Belmont Henry, 103 Park av
Boyd Jno. Plumbing, Heating Co., 284 Columbus av
Brower John, 302 W 13th
Callahan Michael J., 343 W 52d
Campbell & Smiley, Inc., 30 Church
Child & Scott Co., 112 Wooster
Cornell W. G. & Co., 45 E. 17th
Crooke Heating & Ventilating Co., 97 Warren
Cryer Return Line System, 18 E 41st
Dewey Engineering Co., 25 Hancock pl
Dobson Frank, 319 E 53d
Downey Wm. H., 52 William
Downs W. H., 337 W. 38th
Eccles John L. Co., 699 B'way
Ellison & Co., 211 W 126th
Francis Bros. & Jellett (Inc.), 31 Madison av
Gibbons Jno. V., 133 Greenwich
Gillis & Geoghegan, 537 W B'way
Goble Frank N. (Power Plants), 1 E 42d
Graff Furnace Co., 105 E 29th
Greason Mfg. Co., 108 W 99th
Gunset Louis E., 2259 Ryer av
Hankin John & Bro., 550 W 25th
Hanner & Fredericks, 824 Amsterdam av

Hitchings & Co., 1170 B'way
Hodkinson S. M., 410 W 125th
Johnson & Morris, 538 W 23d
Johnston Heating Co., 131 E 26th
Kelsey Heating Co., 103 Park av
Kirk & Bimpson, 441 W 50th
Kroepke W. H., 383 College av
Lane Ira G. Co., 1077 3d av
Lee Heating Co., 3536 B'way
Leslie & Tracy, Inc., 1790 B'way
Lord & Burnham Co., 30 E 42d
Lord & Burnham Co., Madison av & 42d
Mason Wm. E., 416 E. 161st
Mechanical Equipment Co., 206 Centre
Merritt Jas. H. & Co., 244 Water
Miller Henry, 384 E 144th
Mulhern Steam Heating Co., 103 Park av
Olvany William J., 177 Christopher
Peterson N. F., 2525 3rd av
Quay Engineering Co., 470 4th av
Raisler Heating Co., 129 Amsterdam av
Ransom Stephen, 401 West
Rice Daniel J., 405 Lexington av
Robertson & Conry, 167½ E 115th
Rutzler Enoch Co., 404 E 49th
Schneider Chas. Co., 492 E 163d
Sherwood Lorenzo W., 117 Edgecombe av
Sinnott Peter, 967 E 165th
Skannel Elbert, 259 W 126th
Smith H. B. Co., 10 E 39th
Thompson-Starrett Co., 49 Wall
Tivy Lawrence, 13 Platt
Walker & Chambers, 222 E 41st St
Wallace Geo. J. Jr., 206 E 57th
Wear Frank M., 206 E 29th
Webster Warren & Co., 71 Murray
Wells & Newton Co., 292 Av B
Williams Roger, 116 W 32d
Williams Roger Heating & Plumbing Co., 120 W 32nd
Yockel Bros., 962 Washington av

Borough of Queens.

COLLEGE POINT—Reilly Engineering Co.
LONG ISLAND—Petry Jno. W. Co., 87 5th
OZONE PARK—Marasak Chas.

Borough of Richmond.

NEW BRIGHTON—Koehler F. D., 560 Richard ter
(End of New York City)
NORTH TONAWANDA—America District Steam Co. (Direct & Exhaust Steam)
SYRACUSE—Bates Edw. P. Co.
Joy Edward Co.
Leavery Htg. & Ventilating Co., 306 E. Water
UTICA—Bates Edw. P.
WAVERLY—Denslow Heating Co.
YONKERS—Barr A. B. & Co.
Morris Thos., Jr. (Est. of)
Williams & Cullinan

NORTH DAKOTA.

CASSELTON—Casselton Hardware Co.
FARGO—Craig Bros.

OHIO.

AKRON—Prudential Heating Co.
CHILLICOTHE—Ringwald W. H. & Sons
CINCINNATI—Crane Co. of Chicago (Est. 1855), 824 B'way
Geerin Bros. & Co., 422 E 8th
Hammond Heating Co., 130 E Pearl
Kearney John & Co., 523 Ringgold
Love, Piket & Nulsen Co., 8th & Broadway
Nichol Thos. J. & Co., Pearl c Ludlow
Niemes Henry, 4112 Hamilton av
Peck, Anderson & Peck Co., Court & Sycamore
Schlemmer Oliver Co., 1060 Hulbert av
Stewart S. B., 306 Front Bellevue
Vance-Lucke Co., 416 Home
Williamson Heater Co., 339 W 5th
CLEVELAND—American Foundry & Construction Co., Citizens' bldg
American Heating Co., 7034 B'way, S E
Bartlett Bros. Co., 8506 Lake av, N. W.
Becker-Seidel Co., 324 Prospect av
Bowman E. R., 3211 Lorain
Chafer Co., 431 Champlain av, N W
Chappell-Warren Co., 1384 E 6th
Crawford P. R. & Son, Williamson bldg
Crow & Wynn Heating Co., 4070 E 82d, S E
Cushman Person W., 7516 Decker av, N E
Holbrook M. G., The Arcade
Mouat-Squires Co., 1246 W 4th
Paul Steam System, Hickox bldg
Pittsburg Piping & Equipment Co., American Trust bldg
Price & Walker, 328 Champlain av
Roemer J. Heating Co., 1808 E 22d
Thomson J. & A., 1232 W 11th
Van Sickle W. B., 707 Frankfort av
COLUMBUS—Columbus Heating & Ventilating Co.
Ideal Heating Co., 16 E 1st av
MASSILLON—Justus Plumbing & Heating Co.
SANDUSKY—Brohl & Appell
TOLEDO—American Warming & Ventilating Co., 108 Michigan
Bryce Heating & Ventilating Co., The Spitzer
Burdick L. F. Co., 2011 Adams
Holmes-Landwehr Heating Co.
Shaw-Kendall Engineering Co.

OKLAHOMA.

MUSKOGEE—O'Connor Company
OKLAHOMA—Dolan Thomas Heating Co.
Duemcke Albert

OREGON.

PORTLAND—Kendall Heating Co., 24 Front
McPherson W. G. Co., 19th & Wilson

PENNSYLVANIA.

ALLENTOWN—Hersh & Bros.
Miller J.
Taylor Wm. H. & Co.
BANGOR—Houck W. O.
BLAIRSVILLE—Tittle C. L.
BLUE BALL—Shirk P. E.
CONSHOHOCKEN—Bate Wm. T. & Son
EAST DOWNINGTOWN—Maxwell J. N.
EASTON—Stotz Bros.
HANOVER—Davison Heating & Cons. Co., 8 York, Hanover, Pa.
HARRISBURG—Froehlich Chas M.
HAZLETON—Hazleton Steam Heating Co.
JOHNSTOWN—Johnstown Supply House
Swank Hardware Co.
LANCASTER—Flinn & Breneman
Gutfleish A. A.
Musselman & Schwarz
Schaum John G.
NORRISTOWN—Boyer J. Frank Co,
PHILADELPHIA—Anderson W. M., 2017 Sansom
Bachler C F, 146 N 10th
Baizley John Iron Works, 514 S Delaware av
Barclay Alex M., 113 N 6th
Barnes Samuel W. & Son, 2104 N 6th
Bowers Bros. & Co. (Heating & Ventilating), 1629 Ludlow
Clark Bros., 1228 Locust
Cuff J. W. & Co., 2027 N 23d
Francis Bros. & Jellett, Real Estate Trust bldg
Geiger August, 114 N 6th
Germantown Steam Co., 349 W Hortter
Hartman G. W. Heating Co., 12th & Oxford
McClintock A., 1937 Ridge av
Makin Heating Co., 1827 Filbert
Mershon Patent Shaking Grate Works, 147 N 3d
Murphy Harry F. & Co., 1615 Sansom
Nichols E. M., 212 W Washington sq
Pancoast-Henry B. Co., 243 S 3d
Pennsylvania Engineering Co., 1119 N Howard
Phila. Hdw. & Malleable Iron W'ks, 9th & Jefferson
Phila. Steam Heating Co., Juniper & Cherry
Quigley Jas. J. & Son, 1342 Ridge av
Scott Robt, 1723 Ranstead
Smith John P., 148 N 7th
Taylor Frank W. & Son, 259 S 4th
Thompson Bros., 125 W 5th
Trachsel John C. F., 230 Arch
Wanner Louis Jr., 1723 Ludlow
Webster Warren & Co., Stephen Girard bldg
West End Heating & Engineering Co., 4641 Lancaster av
Wood James P. Heating Co., 239 N 4th
PITTSBURGH—Allegheny Heating Co., 603 Burd
Anderson-Darragh Co. (Ltd.), 3206 Penn av
Baker, Smith & Co., 131 Water
Bartley-Kennedy Co., 224 3d av
Briley C. A., 1003 Forbes
Burns, Fleming & Co., 815 Forbes
Higgins G. F. Co., Wabash bldg
Iron City Heating Co., 843 Jackson
McGinness Co., 320 Liberty
Maginn P. F. & Co., 1025 Forbes
Mellott Furnace Co., 955 Liberty av
Peerless Heater Co., 7 Wood
Pittsburgh Heating Co., 8 Wood
Schaffer John P., 108 Wood
Walker James J., 5422 Vine
POTTSTOWN—Sotter Bros.
POTTSVILLE—Leidich W. H.
READING—Berks Engineering Co.
Keystone Heating Co.
Reading Heater & Supply Co.
Reading Steam Heat & Power Co.
ST. CLAIR—Quirin Jno. & Bro.
SCRANTON—Gaylord & Butler Co.
Gaylord & Eitapence Co. (see Binghamton, N. Y.)
Gunster Bros.
SHAMOKIN—Unger Warren
SOUTH BETHLEHEM—Dietrich H. A. R.
TOWANDA—Humphrey Mfg. Co.
WASHINGTON—Standard Sheet Metal Mfg. Co.
WEST CHESTER—James Bros.
WILKES-BARRE—Baab Frank
Backus Peter B.
Carpenter B. G. Co.
Turner & Vanscoy Co.
WILLIAMSPORT—Keeler E. Co.
Williamsport Steam Co.
YORK—Lindemuth Engineering Co.
Motter's Geo. F. Sons
York Engineering Co.
York Heating & Ventilating Co.

RHODE ISLAND.

PROVIDENCE—Allen Fire Dep't Supply Co., 159 Aborn
Allen & Reed, 178 Dorrance
Cox & Stone, 74 Richmond
Fogerty Wm. J., 26 Peck
General Fire Extinguisher Co. (For Circulation)
Heath Wm. G. & Co., 60 Friendship
Putnam Foundry & Machine Co., 73 S Main
Sampson J. A., 10 Summer
Taft Machine Co., 229 Globe

SOUTH CAROLINA.

GREENVILLE—American Machine & Mfg. Co.

TENNESSEE.

CHATTANOOGA—Garnier Joe I.
Wilcox Tom Plumbing & Supply Co.
MEMPHIS—Harstick Heating Co.
Memphis Heating Co.
Pritchard Bros. Co.
Southern Heating Co.
NASHVILLE—Bouchard John & Sons Co.
Nashville Machine Co.

VERMONT.

RUTLAND—Holmes Iron Co.

VIRGINIA.

NORFOLK—King F. E. Co.
Williams M. A.
RICHMOND—Beverly R. C. Heating Co., 9 No 7th
Longworm W. P. & Co., 1 N 7th

WASHINGTON.

ABERDEEN—Elway Miller Co.
Potter F. M.
AUBURN—Ester W. E.
EVERETT—Schweitzer C. R.
NORTH YAKIMA—Reilly Daniel
Rish W. H.
Yakima Valley Heating & Plumbing Co.
Young & Donovan
PROSSER—O'Rourke J. P.
RAYMOND—Baker C. D.

WASHINGTON—continued
SEATTLE—Allen W. D.
Brown S. E. & Co.
Eckart Plumbing & Heating Co.
Lavan P. J.
Normile Simon
Rautman Plumbing & Heating Co.
West Coast Heating Co.

WEST VIRGINIA.

WHEELING—Kyle R. W. Co.

WISCONSIN.

GREEN BAY—Garot Bros.
MADISON—Mueller Co.
MILWAUKEE—Bayley Heating Supply Co., 131 Sycamore
Bowers W. A. Heating Co., 484 Market
Downey Heating & Supply Co., 615 Clybourn
Fox Chas. J., 1208 Grand av
Groeschel Jacob, 1513 Lloyd
Hoye Thos. E. Heating Co., 509 E Water
Kaufman-Haas Heating Co., 1117 23d
Lade Rudolph, 1730 Galena
Mueller Co., 168 Reed
Netz Edwin A., 463 27th
Pfeifer Mathias Heating Co., 814 18th
Phipps Furnace Co., 90 Oneida
Reich John, 628 Clark
Riemer Louis A., 650 3d
Smith Geo. H. Heating Co., 1109 Downer av
Striebel A. J. & Co., 52 2d
Wegner Bros. Co., 227 5th
Zuehlke Heating Co., 236 24th
SHEBOYGAN—Optenberg Iron Works
SUPERIOR—American Heating Co.
WAUSAU—Wheeler A. B. & Son Co.

6062—Heating Devices (Electric)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Wirt Co., Germantown, Phila., Pa.

6063—Heating (Green House)

Bates Edw. P., Co., Syracuse, N. Y.
Foskett & Bishop Co., New Haven, Conn.
Hitchings & Co., 1170 B'way, New York
Jacobs S. & Sons, 1365 Flushing av, Brooklyn, N. Y.
Kroeschell Bros. Co., 440 W Erie, Chicago, Ill.
Lord & Burnham Co., 30 E 42d, New York
Pittsburgh Water Heater Co., Columbia Bk. bldg, Pittsburgh, Pa.
Prentice L. H. Co., 330 Sherman, Chicago, Ill.
Prox Frank Co., Terre Haute, Ind.
Reading Heater & Supply Co., Reading, Pa.
Reynolds James Co., 195 State, Rochester, N. Y.
Scollay John A. (Est. of) (Steam Heating), 74 Myrtle av, Brooklyn, N. Y.

6064—Heating Pads (Electric)

Amer. Elec'l Heater Co. (Amer. Beauty), Burrough & Woodward aves, Detroit, Mich.
Electric Controller Co., 317 W Maryland, Indianapolis, Ind.
Edison Elec. Appliance Co., Inc. (Hotpoint Div.), 5600 W Taylor, Chicago, Ill.
Fox Elec'l Corp., 119 W 42nd, New York
Goodwill Elec. Co., 59 E Van Buren, Chicago, Ill.
Johns H. W.-Manville Co. ("J-M Electrotherm"), Madison av & 41st, New York
Landers, Frary & Clark, New Britain, Conn.
Pelouze Mfg. Co., 232 E Ohio, Chicago, Ill
Phelps Mfg. Co., 265 Jefferson av, Detroit, Mich.
Reliance Heating Co., Columbia, Pa.
Scientific Products Co., Steubenville, O.
Shaler C. A. Co., Waupun, Wis.
Simplex Electric Heating Co. ("Simplex"), Cambridge, Mass.
Standard Electric Appliance Co., Beverly, N. J.
Sun Ray Mfg. Co., Oshkosh, Wis.
Wirt Co., Germantown, Phila., Pa.

6065—Heating (Paul System of Steam)

Fox Elec'l Corpn., 119 W 42nd, New York
Paul Andrew G. Co. ("Andrew G. Paul"), 131 State, Boston, Mass.

6065a—*Heating Systems (Exhaust Steam)

McAlear Mfg. Co., 223 West Erie, Chicago, Ill.
Positive Differential System Co., 9 Murray, New York

6066—Heating Systems (Hot Water, Self-Regulating)

Belknap Mfg. Co., Bridgeport, Conn.
D. & T. Mfg. Co. ("D. & T." System), 1911 Pine, St. Louis, Mo.
Reading Heater & Supply Co. ("Reading"), Reading, Pa
Schleit W. A. Mfg. Co. ("Wasco" Garage Heating), Syracuse, N. Y.

6066a—Heating System (Oil Heating)

Merrill Process Co., Old South bldg., Boston, Mass.

6067—Heating Systems (Vacuum)

Automatic Vacuum Pump Co. ("Sparks" System), 223 W Erie, Chicago, Ill.
Barney Ventilating Fan Wks. (A. B. Franklin, Prop.), 19 Chardon, Boston, Mass.
Bishop-Babcock-Becker Co. ("Reliable," Vacuum Pump), Cleveland, O.
Consolidated Engineering Co. ("Van Auken" System), 507 W Jackson blvd, Chicago, Ill.
Cryer Return Line System Co. (Cryer," System), 18 E 41st, New York
Dunham C. A. Co. ("Dunham" Vacuo-Vapor Systems), Marshalltown, Ia.
Eddy Engineering Co. ("Eddy"), Alpena, Mich.
Haines William S. & Co. ("Haines" Automatic), 12th & Buttonwood, Phila., Pa.
Illinois Engineering Co., 5021 S State, Chicago, Ill.
Iroquois Engineering Co. ("Sparks" System), 343 S Dearborn, Chicago, Ill.
Kellogg-Mackay Co. (Vapor System "K. M. C.," 403 W 18th, Chicago, Ill.
Moline Vacuum-Vapor Heating Co. ("Moline"), Moline, Ill.
Monash-Younker Co. ("Monash" Thermostatic & Float Return Line Valves), 1407 W Jackson blvd, Chicago, Ill.
Morgan Clark System Co., 382 Exchange, Rochester, N. Y.
Paul Andrew G. Co. ("Paul"), 131 State, Boston, Mass.
Reading Heater & Supply Co., Reading, Pa.
Richardson & Boynton Co. (Vapor Vacuum System), 31 W 31st, New York
Roberts-Hamilton Co., 413 S 4th, Minneapolis, Minn.
SARCO CO., INC. ("Sarco"), 229 B'way, New York. *See adv index at end of book*
Vacuum Heating Co. ("Trane"), Juniper & Cherry, Phila., Pa.
Vapor-Vacuum Heating Co. ("Kriebel" System Vapor Vacuum Heating), 1215 Walnut, Phila., Pa.

6068—Heating Systems (Vapor)

Boston Vapor Heating Co., 52 Chauncy, Boston, Mass.
Doody Vapor Heating Co., Inc., The, 46 Cornhill, Boston, Mass.
Hutchison Vapor Heating Corp., Woodman bldg, Washington, D. C.
Illinois Engineering Co., 5021 S State, Chicago, Ill.
Moline Vacuum Vapor Heating Co. (Moline System), 122 S Mich, Moline, Ill.
Mouat-Squires Co. ("Mouat"), 1246 W 4th, Cleveland, O.
Reading Heater & Supply Co. ("Reading"), Reading, Pa.
Roath Mfg. Co., Cherry & Canal, Akron, Ohio
Roberts-Hamilton Co., 413 S 4th, Minneapolis, Minn.
SARCO CO., INC. ("Sarco"), 229 B'way, New York. *See adv index at end of book*
Trane Co., La Crosse, Wis.
Vapor Heating Co. ("Broomell"), North American bldg, Phila., Pa.
Virginia School Supply Co. ("Old Dominion"), 2000 Marshall, Richmond, Va.

6069—*Heating Tanks (Liquid)

GENERAL ELECTRIC CO. INDUSTRIAL ONLY ("Electric), Schenectady, N. Y.
See adv index at end of book

6070—Heating & Ventilating Engineers (Consulting)

Adams Henry, Calvert bldg, Baltimore, Md.
Barney Ventilating Fan Wks. (A. B. Franklin, Prop.), 19 Chardon, Boston, Mass.
Barrus Geo. H., Pemberton bldg, Boston, Mass.
Bartlett Bros. Co., Cleveland, O.
Bierbaum-Dollar, Inc., Buffalo, N. Y.
Campbell & Lewis, Watertown, N. Y.
Clark, MacMullen & Riley, 101 Park av, New York
Cryer T. B. Co., 249 High, Newark, N. J.
D. & T. Mfg. Co., 1911 Pine, St. Louis, Mo.
Danforth John W. Co., 70 Ellicott, Buffalo, N. Y.
Eddy Engineering Co., Alpena, Mich.
Edwards L. T., 18th & 7th, Phila., Pa.
Harman Jacob A., Dime Saving Bk., Peoria, Ill.
Howard & Morse (Ventilation Only), 46 Fulton, New York

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL REGISTER

Mackay W. M., 234 Water, New York
Monday Chas. E. & Co., 1318 Olive, Phila., Pa.
Neiler Rich & Co., Manhattan bldg, Chicago, Ill.
Pennsylvania Engineering Co., 312 Cherry, Phila., Pa.
Quay Engineering Co., 470 4th av, New York
Serrell & Schenck, 71 Murray, New York
Stebbings W. L., Monadnock blk, Chicago, Ill.
Sutton Frank, 80 B'way, New York
Thompson-Starrett Co., 49 Wall, New York
Trane Co., La Crosse, Wis.
Woodbridge S. Homer, 739 Boylston, Boston, Mass.

Heating & Ventilating Engineers (Contracting)

See Heating Contractors, Steam & Hot Water

6071— Heels (Rubber)

A. & A. Rubber Co., Framingham, Mass.
Armstrong Rubber Co., 118 Adams, Newark, N. J.
Atlantic Mfg. Co. ("Rubbestos," "Treadwell" "Pep-Step"), Wilmington, Del.
Atlantic Rubber Co., Linden, Boston, Mass.
Bailey C. J. & Co., ("Wont Slip"), 22 Boylston, Boston, Mass.
Boston Woven Hose & Rubber Co. ("Bull Dog," "Comfort," "Eclipse," "Ease"), Cambridge, Mass.
Converse Rubber Shoe Co., Malden, Mass.
Elastic Tip Co. ("Safety Tread"),370 Atlantic av, Boston, Mass.
Empire Tire & Rubber Corp., East Trenton, N. J.
Essex Rubber Co., Trenton, N. J.
Federal Rubber Co., The, Cudahy, Wis.
Foster Rubber Co. ("Foster," "Cat's Paw," "Tread-air," "Orthopedic"), 105 Federal, Boston, Mass.
Goodyear Tire & Rubber Co., Akron, O.
Heimbach Rubber Heel Co., Duluth, Minn.
I. T. S. Rubber Co., Elyria, O.
James Mfg. Co., ("Gyro"), Cleveland, O.
O'Sullivan Rubber Co., 131 Hudson, New York

Panther Rubber Mfg. Co. ("Panther Tread"), Stoughton, Mass.
Pennsylvania Rubber Co., Jeannette, Pa.
Petley Rubber Mfg. Co., 247 Oregon, Milwaukee, Wis.
Plymouth Rubber Co. ("Nerveze"), Canton, Mass.
Pneumatic Cushion Rubber Heel Co., 19 Lincoln, Boston, Mass.
Quabaug Rubber Co., North Brookfield, Mass.
Revere Rubber Co. ("Spring Step"), Chelsea, Mass.
Rubber Products Co., Barberton, O.
Standard Woven Fabric Co. ("Stanwal"), Walpole, Mass.
Taunton Rubber Co., Taunton, Mass.
Western Rubber Co., Goshen, Ind.

6072— Heels (Shoe, Wood)

Atlantic Wood Heel Co., 322 Van Buren, Brooklyn, N. Y.
Essex Wood Heel Co., Haverhill, Mass.
Fox Chas. K. Heel Co., Haverhill, Mass.
Haverhill Wood Heel Co., Haverhill, Mass.
Pentucket Wood Heel Co., Haverhill, Mass.
Ross Heel Co., South Easton, Mass.
Slipper City Wood Heel Co., Haverhill, Mass.

6073— Heliostate

Gaertner Wm. & Co. ("Simplex" Two Mirror), 5349 Lake Park av, Chicago, Ill.

6074—Helmets (Sand Blasting)

Betton J. M. ("Drucklieb"), 59 Pearl, New York
Chicago Eye Shield Co., 2300 Warren av, Chicago, Ill.
MacLeod Co., 2257 Bogen, Cincinnati, O.
See adv index at end of book
Multi-Metal Co. ("Pulmosan"), 251 W 19th, New York
National Helmet Co., 250 W 54th, New York
Paxson J. W. Co., 1021 No Delaware av, Phila., Pa.
Tilghman-Brooksbank Sand Blast Co., 1126 S 11th, Phila., Pa.

6075—Helmets (Smoke & Ammonia)

See Also Respirators

Draeger Oxygen Apparatus Co., 422 1st Pittsburgh, Pa.
Hayward S. F. & Co. ("National"), 250 W 54th, New York
Improved Aluminum Protector Co., 1103 Nth av, Waukegan, Ill.
Johnson A. W. V., Merchants Exchange, San Francisco, Cal.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
National Helmet Co. (Ammonia), 250 W 54th, New York
Protecto Safety Appliance Co. (Ammonia), 52 Columbia, Newark, N. J.
Rex-Harris Fire Appliance Co. (Smoke), 39 E 19th, New York
Safety First Supply Co., Hartje bldg, Pittsburgh, Pa.
Servus Rescue Equipment Co. ("Eveready"), 10 Johnson, Newark, N. J.
Vajen Helmet Co., Richmond, Ind.

6076— Hematine

Innes, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*
Kuttraff Pickhardt & Co., Inc. (Selling Agents), 128 Duane, New York
Lewis John D., 8 Exchange pl, Providence, R. I.
National Gum & Mica Co. (Paste, Crystals, Powder, 59th & 11th av, New York

6077—Hemp & Jute Importers

Babcock & Templeton, Inc., Postal Telegraph bldg, San Francisco, Cal.
Hartman Bros., Inc. (Imp.), 641 Atlantic av, Boston, Mass.
MacLeod & Co. (Hemp), 82 Beaver, New York.
Ralli Bros. (Jute), 11 William, New York

6078—Hexamethylenetetramine

Cleveland Cliffs Iron Co., Rockefeller, Cleveland, O.
Merck & Co., 45 Park pl., New York

6080— Hillers (Celery)

Bucher & Gibbs Plow Co. ("Imperial"), Canton, O.
Empire Plow Co. ("Empire"), Cleveland, Ohio
Mason F. C. & Co. ("Mason"), St. Johns, Mich.
Ohio Cultivator Co. ("Little Giant"), Bellevue, O.

6081— Hillers (Potato)

Babcock Mfg. Co., Leonardsville N. Y.
Conner J. W. & Son, Orangeville, Pa.

6082— Hinge Mfrs.

Under this Heading see Sub-classifications

Aetna Nut Co., Southington, Conn.
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
American Foundry & Mfg. Co., Frederick, Md.
Arcade Mfg. Co. (Brass), Freeport, Ill.
Art Hardware & Mfg. Co., Seattle, Wash.
Atlas Metal Parts Co., 998 15th, Milwaukee, Wis.
Barrows Lock Co., Lockport, Ill.
Brainerd Mfg. Co., East Rochester, N. Y.
Carpenter R. F. Mfg. Co. (Gravity Roller Hinge), 978 E 6th, Cleveland, O.
Chicago Spring Butt Co., 340 Union Park ct, Chicago, Ill.
Coleman Hardware Co. ("Champion" & "J. G. C., Spring), 122 S Michigan av, Chicago, Ill.
Columbian Hardware Co., Cleveland, O.
Corbin P. & F., New Britain, Conn.
Cowles C. & Co. (Malleable & Brass), New Haven, Conn.
Delaware Marine Mfg. Co., B & O R R & Conrd., Wilmington, Del.
Detroit Shipbuilding Co. (Brass Department), Detroit, Mich.
Eagle Lock Co. (Brass), Terryville, Conn.
Force Chas. E. & Son (Wrought Hinges), Madison, N. J.
Frantz Mfg. Co., Sterling, Ill.
Gibson & Kirk Co., 217 Key Highway, Baltimore, Md.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Griffin Mfg. Co., Erie, Pa.
Hager C. & Sons, Hinge Mfg. Co. (Wrought Steel Butts, etc), St. Louis, Mo.
Keystone Friction Hinge Co. ("20th Century" Friction Hinge), Williamsport, Pa.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Lawrence Bros. (Also Special), Sterling, Ill.
Lawson Mfg. Co. ("Katz" All Steel Surface & Jam Spring Hinges, "Matchless" Double Acting Floor Spring & Pivot Hinge without Spring), 230 W Superior, Chicago, Ill.
Lockwood Mfg. Co., South Norwalk, Conn.
Lumley & Denly Co., Ashtabula, O.
McKinney Mfg. Co. (Steel Butts, Strap & T), N S, Pittsburgh, Pa.
Merle Henry J. & Co., 1112 W 22d, Chicago, Ill.
National Mfg. Co., Sterling, Ill.
New England Lock & Hinge Co. (Brass Finish & Tin), Winchendon, Mass.
Niles Mfg. Co. ("Double Acting" Spring), 216 S Jefferson, Chicago, Ill.
Norwalk Lock Co., South Norwalk, Conn.
Parker Chas. Co., Meriden, Conn.
Parker Supply Co. (For Smoke-Pipes, Ducts, etc), 785 E 135th, New York
Payson Mfg. Co. (Refrigerator), 2918 W Jackson blvd, Chicago, Ill.
Penn Hardware Co., Reading, Pa.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Reading Hardware Co., Reading, Pa.
Reliance Metal Co. (Toilet Seat), Norfolk Downs, Quincy, Mass.
Root Chas. J. Co. (Wrought Brass), Bristol, Conn.
Rostand Mfg. Co. (Automobile & Windshield), Milford, Conn.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sager Lock Co., No. Chicago, Ill.
Sargent & Co., New Haven, Conn.
SCOVILL MFG. CO. (Brass), Waterbury, Conn. *See adv index at end of book*
Sharon Hardware Mfg. Co., Sharon, Pa.
Shelby Spring Hinge Co. (Double Acting Floor), Shelby, O.
Standard Mfg. Co. ("Standard"), Shelby, Ohio
STANLEY WORKS, New Britain, Conn.
See adv index at end of book
Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.
Stover Mfg. Co., Freeport, Ill.
Superior Spring Hinge Co., 136 W. Lake, Chicago, Ill.
Taylor & Boggis Foundry Co., Cleveland, O.
Tiebout W. & J. (Cast Brass), 118 Chambers, New York
Van Wagoner Co. (Ball Bearing), Lima, O.
Western Brass Mfg. Co., 217 Tehama, San Francisco, Cal.
Wilcox, Crittenden & Co. (Galvanized), Middletown, Conn.
Woodruff W. W. & Sons Co. (Carriage Door), Mount Carmel, Conn.
Wrightsville Hardware Co. (Shutter, Blind & Gate), Wrightsville, Pa.
Yale & Towne Mfg. Co., 9 E 40th, New York

6083—Hinges (Automobile Hood & Lamp)

Bossert Corp., The, Utica, N. Y.
See adv index at end of book
Bronson Homer D. Co., Beacon Falls, Conn.
Waterbury Brass Goods Corp., Waterbury, Conn.

6084— Hinges (Awning)

Wilcox, Crittenden & Co., Middletown, Conn.

6084a— *Hinges (Back Flap)

STANLEY WORKS, New Britain, Conn.
See adv index at end of book

6084b—*Hinges (Bag & Suit Case)

STANLEY WORKS, New Britain, Conn.
See adv index at end of book

6084c—*Hinges (Ball-Bearing, Steel Butt)

STANLEY WORKS, New Britain, Conn.
See adv index at end of book

6084d—Hinges (Bed, Lounge)

Stanley Works, New Britain, Conn.
See adv index at end of book

6085— Hinges (Beer Case)

Atlas Metal Parts Co., 998 15th, Milwaukee, Wis.
20th Century Machinery Co., Nat'l Bk. bldg, Milwaukee, Wis.

6086—Hinges (Blind & Shutter)

Auer John, Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.
Austin & Eddy, 117 Broad, Boston, Mass.
Enterprise Foundry Co., Rochester, N. Y.
Enterprise Hardware Mfg. Co., Frederick, Md.
Grey Iron Casting Co. ("Lull & Porter," "Scholl" Reversible Safety), Mt. Joy, Pa.
Lawrence Bros. (Wrought Steel Inside Blind), Sterling, Ill.
McKinney Mfg. Co., N. S., Pittsburgh, Pa.
Orr, Galen & Co., Needham, Mass.
Parker, Chas. Co., Meriden, Conn.
Parker Wire Goods Co. ("Hale" & "Benjamin" Automatic Blind), Worcester, Mass.
Penn Hardware Co., Reading, Pa.
Peters Jas. & Son (Wrought Iron Shutter), 1934 N Front, Phila., Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
STANLEY WORKS (Wrought Steel), New Britain, Conn.
See adv index at end of book
Stoyer Mfg. Co. ("Ideal"), Freeport, Ill.
Streeter N. R. & Co. ("Huffer" Spring), Rochester, N. Y.
Susquehanna Casting Co., Wrightsville, Pa.
Wrightsville Hardware Co. ("Shepard's" "Niagara," "Clark's" "Buffalo," "Champion," "Pioneer," "Empire" & Mortise Gravity-Locking Blind Hinges & "O.S.," "Acme" & "Queen City" Shutter Hinges), Wrightsville, Pa.

6087— Hinges (Box)

Atlas Metal Parts Co., 998 15th, Milwaukee, Wis.
Brainerd Mfg. Co., East Rochester, N. Y.
CARY MFG. CO. (Crate, Box, etc), Nassau & Jay, Brooklyn, N. Y.
See adv index at end of book
Columbia Hardware Co., Cleveland, O.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Griffin Mfg. Co., Erie, Pa.
Hager C. & Sons Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.
LUDWIG A. & CO., 75 Spring, New York
Ryan M. C. Co. ("Ryan," for Fruit & Egg Boxes & Crates, etc), Phoenix, N. Y.
STANLEY WORKS ("Atwood," Wrought Steel Hinges & Fasts), New Britain, Conn. *See adv index at end of book*
Williams F. B. Co. (Double Joint, for Bottler of Boxes, etc), 507 E 39th, Chicago, Ill.

6088— Hinges (Box Stall)

Lynn Stall Co., Lynn, Mass.

6089— Hinges (Butt)

Atlas Mfg. Co. ("Bradley" Steel), New Haven, Conn.
Barrows Lock Co., Lockport, Ill.
Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.
Bayer Gardner-Himes Co., 101 Park av, New York
Bronson Homer D. Co. (Wrought Brass), Beacon Falls, Conn.
Chicago Spring Butt Co., 340 Union Park ct, Chicago, Ill.
Corbin P. & F., New Britain, Conn.
Dayton Mfg. Co.,, Dayton, O.
Dent Hardware Co. (Fast or Loose Joint), Fullerton, Pa.
Detroit Shipbuilding Co. (Brass Department), Detroit, Mich.
Enterprise Hardware Mfg. Co., Frederick, Md.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Griffin Mfg. Co. (Steel), Erie, Pa.
Hager C. & Sons Hinge Mfg. Co. (Wrought Steel & Bronze Metal), St. Louis, Mo.
Lawrence Bros. (Wrought Steel, Loose Pin, Narrow, Reversible, Surface, etc.), Sterling, Ill.
Lockwood Mfg. Co., South Norwalk, Conn.
McKinney Mfg. Co. (Wrought Steel), N S, Pittsburgh, Pa.
National Lock Co. (Brass & Brass Plated Cabinet), Rockford, Ill.
National Mfg. Co. (Wrought Steel, Ornamental, Surface, Narrow, Reversible, etc.), Sterling, Ill.
Norwalk Lock Co., South Norwalk, Conn.
Penn Hardware Co. (Bronze Cast), Reading, Pa.
Plume & Atwood Mfg. Co. (Brass, Wrought Brass), Waterbury, Conn.
Racine Metal Stamping Co. ("Racine" Spring), Racine, Wis.
Reading Hardware Co., Reading, Pa.
Root Chas. J. Co. (Wrought Brass), Bristol, Conn.
Russell & Erwin Mfg. Co. (Brass, Bronze, etc.), New Britain, Conn.
Sager Lock Co., No. Chicago, Ill.
Sargent & Co., New Haven, Conn.
SCOVILL MFG. CO. (Brass), Waterbury, Conn. *See adv index at end of book*
Sharon Hardware Mfg. Co. (Wrought Steel Door, Cupboard, etc, Ornamental Surface, Half-Surface. Also Loose Pin), Sharon, Pa.
Shelby Spring Hinge Co., Shelby, O.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book
Stover Mfg. Co., Freeport, Ill.
Tiebout W. & J, (Cast Brass), 118 Chambers, New York
Waterbury Brass Goods Corporation (Brass), Waterbury, Conn.
Western Brass Mfg. Works (Cast Brass or Bronze), Marshall blvd & W 21st, Chicago, Ill.
Yale & Towne Mfg. Co. (Brass & Bronze), 9 E 40th, New York

6089a— Hinges (Cabinet)

Corbin Cabinet Lock Co., New Britain, Conn.
Griffin Mfg. Co., 15th & Cherry, Erie, Pa.
McKinney Mfg. Co., Locust, Phila., Pa.
Nat'l Brass Co., Grand Rapids, Mich.
Stanley Works, New Britain, Conn.
See adv index at end of book

6090—Hinges (Casement Window)

Ellison Brass Mfg. Co., Jamestown, N. Y.
Russell & Erwin Mfg. Co. ("Russwin"), New Britain, Conn.
STANLEY WORKS ("Eschweilers Patent"), New Britain, Conn
See adv index at end of book
Steiner & Voegtly Hdwe. Co. (Geisey's"), 230 Diamond, Pittsburgh, Pa.
Whitney Window Corp., Minneapolis, Minn.

6091— Hinges (Cellar Door)

Griffin Mfg. Co., Erie, Pa.
Peters Jas. & Son (Wrought Iron), 1934 N Front, Phila., Pa.

6092— Hinges (Chest)

Brainerd Mfg. Co. (Also Cabinet), East Rochester, N. Y.
Griffin Mfg. Co., Erie, Pa.
Hager C. & Sons Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.
Lawrence Bros. (Wrought Steel), Sterling, Ill.
McKinney Mfg. Co. (Wrought Steel), N S, Pittsburgh, Pa.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

6093— Hinges (Cigar Box)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Ludwig A. & Co., 75 Spring
Schoenhut A. Co., Sepviva & Adams, Phila., Pa.

6094— Hinges (Closet Seat)

American Brass & Copper Co., 138 Lafayette, New York
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
American Pin Co. ("Ampinco"), Waterbury, Conn.
Attwood Brass Works, Grand Rapids, Mich.
Brass Goods Mfg. Co., 533 Union, Brooklyn, N. Y.
Burlington Brass Works, Burlington, Wis.
Campbell J. B. Brass Works, Erie, Pa.
Chicago Spring Butt Co. (Spring), 340 Union Park ct, Chicago, Ill.
Columbus Brass Co., 538 Dublin av, Columbus, O.
See adv index at end of book
Edwardsville Brass Co., Edwardsville, Ill.
Eichman J. C. Mfg. Co., Bush & Wicomico, Baltimore, Md.
Grammes L. F. & Sons, (& Hollow ware), Allentown, Pa.
See adv index at end of book
Haydenville Co., Haydenville, Mass.
Kretschmer Mfg. Co., Dubuque, Ia.
McLane Mfg. Co., Milford, N. H.
Miller, Chas. A. Co. (Offset, Two & Three Leaf, etc.), Sturgis, Mich.
Morency-Van Buren Mfg. Co. ("M. V. B."), Sturgis, Mich.
Mott J. L. Iron Works, Trenton, N. J.
Pfau Mfg. Co., Mentor & Huston, Norwood, Cincinnati, O.
Pickering R. S., Sharon Hill, Pa.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Reading Hardware Co., Reading, Pa.
Reliance Metal Co., Norfolk Downs, Mass.
Sherwood Brass Wks. ("Climax"), Detroit, Mich.
Springfield Brass Co. (Brass & Nickel), Springfield, O.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book
Union Metal Works, Chelsea, Mass.
Waterbury Mfg. Co. (Brass), Waterbury, Conn.
Western Brass Mfg. Works (Brass & Bronze), Marshall blvd & W 21st, Chicago, Ill.

6095— Hinges (Continuous)

Scovill Mfg. Co., Waterbury, Conn.
See adv index at end of book
Waterbury Brass Goods Corporation, Waterbury, Conn.

6095a—*Hinges (Corrugated)

Stanley Works, New Britain, Conn.
See adv index at end of book

6096— Hinges (Crate)

Hager C. & Sons Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.

6097—Hinges (Drain Board)

Trenton Brass & Machine Co., Trenton, N. J.

6098— Hinges (End Gate)

Hager C. & Sons Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.
McKinney Mfg. Co., N S, Pittsburgh, Pa.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

6099—Hinges (Engine House)

Berry Chas. E. ("Berry" Door Hinge for Fire Depts., etc), Somerville, Mass.
Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.
Chicago Spring Butt Co. (Spring), 340 Union Park ct, Chicago, Ill.

6100— Hinges (Extension)

Dent Hardware Co., Fullerton, Pa.

6101— Hinges (Fancy Box)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book

6102—Hinges (Fire Shutter)

Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.

6103— Hinges (Floor)

Allith-Prouty Co. ("Prouty" Adjustable Double Acting Ball & Roller Bearings, "Squaw"), Danville, Ill.
Bommer Bros. (Spring Surface, Horizontal Compression Type), 270 Willoughby av, Brooklyn, N. Y.
Champion Hardware Co. ("Champion" Ball Bearing), Geneva, O.
Chicago Spring Butt Co. (Ball Bearing, Double Acting), 340 Union Park ct, Chicago, Ill.
Corbin P. & F., New Britain, Conn.
Lawson Mfg. Co. ("Katz," Ball Bearing, All Steel Surface Floor Spring), 230 W Superior, Chicago, Ill.
Racine Metal Stamping Co. ("Racine" Surface Floor Spring & Cup Floor Spring), Racine, Wis.
Russell & Erwin Mfg. Co. ("Russwin" Double Acting Spring), New Britain, Conn.
Sargent & Co., New Haven, Conn.
Shelby Spring Hinige Co. ("Shelby Chief" Double Acting Spring, Ball Bearing, etc), Shelby, O.
Standard Mfg. Co. ("Standard"), Shelby, O.
Stover Mfg. Co. ("New Ideal" Double Acting), Freeport, Ill.
Superior Spring Hinge Co. ("Superior" Surface Spring), 136 W Lake, Chicago, Ill.

6104— Hinges (Friction)

Keystone Friction Hinge Co., Williamsport, Pa.
Stanley Works, New Britain, Conn.
See adv index at end of book

6105— *Hinges (Garage)

Griffin Mfg. Co., Erie, Pa.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

6106-8— Hinges (Gate)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Chicago Spring Butt Co. (Spring), 340 Union Park ct, Chicago, Ill.
Corbin P. & F., New Britain, Conn.
Grey Iron Casting Co. ("Clarks" Reversible Hinge & Latch, "Donegal," "Self-Closing," All with Latch), Mt. Joy, Pa.
Griffin Mfg. Co. (End Gate), Erie, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Lawrence Bros. (End Gate), Sterling, Ill.
Parker Chas. Co., Meriden, Conn.
Penn Hardware Co., Reading, Pa.
Peters Jas. & Son (Wrought Iron), 1934 N Front, Phila., Pa.
Reading Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn.

STANLEY WORKS, New Britain, Conn.
See adv index at end of book
Susquehanna Casting Co., Wrightsville, Pa.
Wolf C. K. (Adjustable), Xenia, O.
Wrightsville Hardware Co. ("Shepherd's" or "Clark's" Reversible & Self-Closing Hinges & Latches), Wrightsville, Pa.
Yale & Towne Mfg. Co., 9 E 40th, New York

6109— Hinges (Invisible)

Braun J. G., 609 S Paulina, Chicago, Ill.
Soss Mfg. Co. 435 Atlantic av, Brooklyn, N. Y.

6110— Hinges (Mirror)

Eagle Lock Co., Terryville, Conn.

6111— Hinges (Office Gate)

Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.
Carpenter R. F. Mfg. Co. (Gravity Roller Hinges), 978 E 64th, Cleveland, O.
Chicago Spring Butt Co. (Spring), 340 Union Park ct, Chicago, Ill.
Columbian Hardware Co. ("Gem"), Cleveland, O.
Dent Hardware Co., Fullerton, Pa.
Griffin Mfg. Co., Erie, Pa.
Niles Mfg. Co. ("Niles" Double Acting etc), 216 S Jefferson, Chicago, Ill.

6112— Hinges (Ornamental)

Griffin Mfg. Co., Erie, Pa.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book
TYLER W. S. CO., Cleveland, O.
See adv index at end of book

6113—Hinges (Piano & Organ)

Bronson Homer D. Co. (Brass), Beacon Falls, Conn.
Oakville Co. ("Oco"), Waterbury, Conn.
Ramsey Chas. Co., Kingston, N. Y.
SCOVILL MFG. CO. (Double Acting), Waterbury, Conn.
See adv index at end of book

6114— Hinges (Pivot)

Lawson Mfg. Co. ("Matchless"), 230 W Superior, Chicago, Ill.

6115— Hinges (Plate)

American Ring Co., Waterbury, Conn.
Griffin Mfg. Co., Erie, Pa.
Hager C. & Sons Hinge Mfg Co. (Wrought Steel Japanned), St. Louis, Mo.
Peters Jas. & Son (Wrought Iron), 1934 N Front, Phila., Pa.
STANLEY WORKS (Roller), New Britain, Conn. *See adv index at end of book*

6115a— Hinges (Post)

Wilcox Crittenden Co., Middleton, Conn.

6116— Hinges (Refrigerator)

Arcade Mfg. Co., Freeport, Ill.
Brainerd Mfg. Co., East Rochester, N. Y.
Brass Goods Mfg. Co., 533 Union, Brooklyn, N. Y.
Brey & Krause Mfg. Co., Allentown, Pa.
Dent Hardware Co., Fullerton, Pa.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Grand Rapids Brass Co., Grand Rapids, Mich.
Greene, Tweed & Co., 109 Duane, New York
Hager C. & Sons Hinge Mfg. Co. (Ornamental Wrought Steel), St. Louis, Mo.
Mound Tool Co. (Malleable Iron & Crucible Steel), 1203 S 7th, St Louis, Mo.
Nat'l Refrigerator & Fix. Co., 8th & Park, St. Louis, Mo.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Safe Padlock & Hardware Co., Lancaster, Pa.
Sargent & Co., New Haven, Conn.
STANLEY WORKS (Wrought Steel & Brass Plain & Corrugated & Wrought Steel Ball Bearing), New Britain, Conn.
See adv index at end of book
Western Brass Mfg. Works, Marshall blvd & W 21st, Chicago, Ill.

6117-8—Hinges (Screen Door)

Allith-Prouty Co. (Prouty"), Danville, Ill.
Arcade Mfg. Co. ("A-C" & "Arcade"), Freeport, Ill.
Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.
Burgess & Norton Mfg. Co. (Ralph's Combination Reversible, for Screen & Storm Doors), Geneva, Ill.
CHAMPION HARDWARE CO. ("Champion," Geneva 600" & "7-11" Loose Pin," "Olympia," "Sampson" & "Buffalo"), Geneva, O.
Chantrell Hardware & Tool Co., Reading, Pa.
Chicago Spring Butt Co. (Spring), 340 Union Park pl, Chicago, Ill.
Columbian Hardware Co. ("Columbian," "Columbia" & "Acorn"), Cleveland, O.
Diehl Novelty Co. ("Diehl"), Glen Beulah, Wis.
Enterprise Hardware Mfg. Co., Frederick, Md.
Grey Iron Casting Co. ("None-Hold Back"), Mt. Joy, Pa.
Griffin Mfg. Co., Erie, Pa.
Hoffman Hinge & Foundry Co., Hubbard, Porter & Burlington, Cleveland, O.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Lawrence Bros (Steel), Sterling, Ill.
National Mfg. Co., Sterling, Ill.
Oliver Iron & Steel Co. (All Steel), S 10th & Muriel, Pittsburgh, Pa.
Racine Metal Stamping Co. ("Racine"), Racine, Wis.
Rock City Mfg. Co. ("Jiffy" Detachable), Wabash, Ind.
Russell & Erwin Mfg. Co., New Britain, Conn.
SCOVILL MFG. CO., Waterbury, Conn.
See adv index at end of book
Sharon Hardware Mfg. Co. (All Steel), Sharon, Pa.
Shelby Spring Hinge Co ("Buckeye," "Shelby" Detachable, Adjustable), Shelby, O
STANLEY WORKS, New Britain, Conn.
See adv index at end of book
Stover Mfg. Co., Freeport, Ill.
Van Wagoner Co., Lima, O.
Wagner Mfg. Co. ("Wagner," Screen & Storm Door Butts), Cedar Falls, Ia.

6119—Hinges (Screen Door, Holdback)

Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.
Columbian Hardware Co., Cleveland, O.
Stover Mfg. Co. ("Ideal"), Freeport, Ill.

6120—Hinges (Screw Hook & Eye)

Auer John J. (Wrought), 197 Middleton, Brooklyn, N. Y.
Hager C. & Sons Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.
Lanz M. & Sons, 2907 Carson Pittsburgh, Pa.
McKinney Mfg. Co., N S, Pittsburg, Pa.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

6121—Hinges (Screw, Hook & Strap)

Auer John, Jr., 197 Middleton, Brooklyn, N. Y.
Frantz Mfg. Co., Sterling, Ill.
Hager C. & Sons Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Lawrence Bros., Sterling, Ill.
McKinney Mfg. Co., N S, Pittsburgh, Pa.
National Mfg. Co. (Wrought Steel), Sterling, Ill.
Sharon Hardware Mfg. Co., Sharon, Pa.

6122—Hinges (Sewing Machine)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

6123— Hinges (Showcase)

Columbian Hardware Co., Cleveland, O.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Russell & Erwin Mfg. Co., New Britain, Conn.
Scovill Mfg. Co., Waterbury, Conn.
See adv index at end of book
Shelby Spring Hinge Co., Shelby, O.

Hinges (Shutter)

See Hinges, Blind & Shutter

6124—Hinges (Spring, Bank & Office Railing)

Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.
Chicago Spring Butt Co., 340 Union Park ct, Chicago, Ill.
Columbian Hardware Co., Cleveland, O.
Columbus Brass Co., 538 Dublin av, Columbus, O.
See adv index at end of book

6125— Hinges (Spring Butt)

Bayer Gardner-Himes Co. ("Awl-in-Wun"), 101 Park av, New York
Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.
Chicago Spring Butt Co. (Single & Double Acting Triplex, etc.), 340 Union Park ct, Chicago, Ill.
Columbian Hardware Co. ("Gem"), Cleveland, O.
Shelby Spring Hinge Co. ("Shelby"), Shelby, O.
Van Wagoner Co. (Ball Bearing, Wrought Steel), Lima, O.

6126—Hinges (Spring, Closet Door)

Carpenter R. F. Mfg. Co. (Gravity Roller Hinge), 978 E 64th, Cleveland, O.
Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.
Chicago Spring Butt Co., 340 Union Park ct, Chicago, Ill.
Columbus Brass Co., 538 Dublin av, Columbus, O.
See adv index at end of book
Edwardsville Brass Co. (Double Acting Spring), Edwardsville, Ill.
Niles Mfg. Co. ("Niles," Double Acting), 216 S Jefferson, Chicago, Ill.

6127— Hinges (Spring Door)

Arcade Mfg. Co. ("Arcade"), Freeport, Ill.
Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.
Chicago Spring Butt Co. ("Triplex" Spring), 340 Union Park ct, Chicago, Ill.
Cleveland Lock Works ("Hercules"), Cleveland, O.
Columbian Hardware Co. ("Gem"), Cleveland, O.
Crans W. S. (Vanishing), Washington, Ind.
Racine Metal Stamping Co. ("Racine"), Racine, Wis.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Scovill Mfg. Co. (Brass), Waterbury, Conn. *See adv index at end of book*
Sargent & Co., New Haven, Conn.
Shelby Spring Hinge Co., Shelby, O.
Stover Mfg. Co. ("Ideal"), Freeport, Ill.
Superior Spring Hinge Co. ("Superior" Surface Floor Ball Bearing), 136 W Lake, Chicago, Ill.
Van Wagoner Co. (Ball Bearing), Lima, O.
Western Brass Mfg. Co., 217 Tehama, San Francisco, Cal.

6128—Hinges (Spring, Double Acting)

Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.
Barlow Foundry Co. ("Cowell's"), 551 R. R. av, Newark, N. J.
Carpenter R. F. Mfg. Co. (Gravity Roller Hinge), 978 E 64th, Cleveland, O.
Champion Hardware Co., Geneva, O.
Chicago Spring Butt Co., 340 Union Park ct, Chicago, Ill.
Columbian Hardware Co., Cleveland, O.
Columbus Brass Co., 538 Dublin av, Columbus, O.
See adv index at end of book
Dayton Mfg. Co., Dayton, O.
Lawson Mfg. Co. ("Katz" Reinforced Single & Double Acting, Also "Matchless" Double Acting Ball Bearing, Mortise Floor), 230 W Superior, Chicago, Ill.
Merle Henry J. & Co., 1112 W 22d, Chicago, Ill.
Niles Mfg. Co., 216 S Jefferson, Chicago, Ill.
Racine Metal Stamping Co. ("Racine"), Racine, Wis.

HINGES (SPRING, DOUBLE ACTING)—continued

Shelby Spring Hinge Co., Shelby, O.
Standard Mfg. Co. ("Standard" Checking), Shelby, O.
Stover Mfg. Co. ("New Ideal" Jaw Hinges), Freeport, Ill.
Superior Spring Hinge Co. ("Superior"), 136 W Lake, Chicago, Ill.
Western Brass Mfg. Works (Cast Brass, Nickel Plated, etc), Marshall blvd & W 21st, Chicago, Ill.
Western Brass Mfg. Co., 217 Tehama, San Francisco, Cal.

6129—Hinges (Spring, Iron Railing Makers')

Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.
Chicago Spring Butt Co., 340 Union Park ct, Chicago, Ill.

6130—Hinges (Spring, Lavatory)

Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.
Carpenter R. F. Mfg. Co. (Gravity Roller Hinge), 978 E 64th, Cleveland, O.
COLUMBUS BRASS CO., 538 Dublin av, Columbus, O.
See adv index at end of book
Lawson Mfg. Co. ("Matchless" Brass or Bronze, All Finishes), 230 W Superior, Chicago, Ill.
Sargent & Co., New Haven, Conn.

6131-2-3—Hinges (Spring, Marble Work)

Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.
Carpenter R. F. Mfg. Co. (Gravity Roller Hinge), 978 E 64th, Cleveland, O.
Chicago Spring Butt Co., 340 Union Park ct, Chicago, Ill.
Columbian Hardware Co. ("Gem"), Cleveland, O.
Columbus Brass Co., 538 Dublin av, Columbus, O.
See adv index at end of book
Edwardsville Brass Co. (Double Acting, etc), Edwardsville, Ill.
Niles Mfg. Co. ("Niles," Single Acting Hinges & Blanks), 216 S Jefferson, Chicago, Ill.

6134-5-6—Hinges (Spring, Safe Makers')

Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.
Chicago Spring Butt Co., 340 Union Park ct, Chicago, Ill.

6137—Hinges (Spring, Wrought Brass & Bronze Door)

Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.
Chicago Spring Butt Co., 340 Union Park ct, Chicago, Ill.
Columbian Hardware Co., Cleveland, O.

6138—Hinges (Spring, Wrought Steel)

Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.
Chicago Spring Butt Co., 340 Union Park ct, Chicago, Ill.
Columbian Hardware Co., Cleveland, O.
Hager C. & Sons Hinge Mfg. Co., 2427 De Kalb, St. Louis, Mo.
Lawrence Bros., Sterling, Ill.
McKinney Mfg. Co., Metropolitan & Liverpool, Pittsburgh, Pa.
Reading Hardware Co., Reading, Pa.
Van Wagoner Co. (Ball Bearing), Lima, Ohio

6139—Hinges (Stay)

Eagle Lock Co., Terryville, Conn.

Hinges (Storm Window)

See Hangers, Storm Sash & Screen

6140—Hinges (Strap & T)

American Shovel & Stamping Co., Lorain, O.
Atlas Mfg. Co. ("Atlas" Strap), New Haven, Conn.
Cleveland Lock Works ("Hercules"), Cleveland, O.
Frantz Mfg. Co., Sterling, Ill.
Griffin Mfg. Co. (Pressed Steel), Erie, Pa.
Hager C. & Sons Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Lawrence Bros. (Steel), Sterling, Ill.
McKinney Mfg. Co. (Wrought Steel), N S, Pittsburgh, Pa.
National Mfg. Co. (Wrought Steel), Sterling, Ill.
Oliver Iron & Steel Co. (Strap Only), S 10th & Muriel, Pittsburgh, Pa.
Sargent & Co., New Haven, Conn.
STANLEY WORKS (Wrought Steel, Plain & Corrugated), New Britain, Conn.
See adv index at end of book
Watrous Acme Mfg. Co., Des Moines, Ia.
Wilcox, Crittenden & Co., Middletown, Conn.
Zimmerman H. Co. ("Zimmerman's Anti-Sag" Strap), Fremont, O.

6141—Hinges (Surface)

Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.
Chicago Spring Butt Co. (Spring), 340 Union Park ct, Chicago, Ill.
Griffin Mfg. Co., Erie, Pa.
Hager C. & Sons Hinge Mfg. Co. (Ornamental Wrought), St. Louis, Mo.
Lawrence Bros. (Ornamental), Sterling, Ill.
Lawson Mfg. Co. ("Katz," All Steel Floor & Jam Spring), 230 W Superior, Chicago, Ill.
National Mfg. Co. (Ornamental), Sterling, Ill.
Sharon Hardware Mfg. Co. ("Sharon Beauties"), Sharon, Pa.
Shelby Spring Hinge Co., Shelby, O.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

6142—Hinges (Surface Floor)

Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.

6143—Hinges (Table)

Hager C. & Sons Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.
Lawrence Bros. (Wrought Steel), Sterling, Ill.
McKinney Mfg. Co. (Wrought Steel), N S, Pittsburgh, Pa.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

6143a—*Hinges (Tail Board)

Stanley Works, New Britain, Conn.
See adv index at end of book

6143b—*Hinges (Trunk)

STANLEY WORKS ("Hart's" Wrought), New Britain, Conn.
See adv index at end of book

6143c—*Hinges (Wardrobe)

STANLEY WORKS, New Britain, Conn.
See adv index at end of book

6144—Hinges (Wash Tray)

Hager C. & Sons Hinge Mfg. Co., St. Louis, Mo.
Lawrence Bros. (Wrought Steel), Sterling, Ill.
McKinney Mfg. Co. (Wrought Steel), N S, Pittsburgh, Pa.
STANLEY WORKS (Wrought Steel), New Britain, Conn.
See adv index at end of book
Wilcox, Crittenden & Co., Middletown, Conn.

6144a—*Hinges (Washing Machine)

STANLEY WORKS, New Britain, Conn.
See adv index at end of book

6145—Hinges (Wire)

Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Pickering R S. (Box), Sharon Hill, Pa.
Reading Hardware Co., Reading, Pa.
Smith F. P. & Co. (Wire Box), Sharon Hill, Pa.

6145a—*Hinges (Wrought Brass, Corrugated)

Scovill Mfg. Co., Waterbury, Conn.
See adv index at end of book
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

6146—Hinges (Wrought Steel Butt)

Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Griffin Mfg. Co., Erie, Pa.
Hager C. T. Sons Hinge Mfg. Co., St. Louis, Mo.
McKinney Mfg. Co., Pittsburgh, Pa.
National Mfg. Co., Sterling, Ill.
Penn Hardware Co., Reading, Pa.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

6146a—*Hitches (Rope)

MYERS F. E. & BRO., 800 Orange, Ashland, Ohio
See adv index at end of book

6147—Hitchings (Mine Car)

American Chain Co., Bridgeport, Conn.
Harris-Stevens Co., Pittsburgh, Pa.
Irwin Foundry & Mine Car Co., Irwin, Pa.
Macomber & Whyte Rope Co. ("Monarch"), Racine av, Kenosha, Wis.
McKay, Jas. Co., Pittsburgh, Pa.
Nicholson & Co., Rankin, Pa.
Niles Mine & Mill Supply Co. (Clevis & Hook), Cleveland, O., & Niles, O.
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Phillips Mine & Mill Supply Co., 2227 Jane, Pittsburgh, Pa.
Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
Pittsburgh Knife & Forge Co. ("Harris"), 709 Belmont, Pittsburgh, Pa.
Pressed Steel Car co., 307 5th av, Pittsburgh, Pa.
Stine S. B., Osceola Mills, Pa.
United Iron Works Co., Kansas City, Mo.
Valley Forging Co., Vernon, Pa.
Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

6148—Hitchings (Screw)

Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

6149—Hobs (Bolt Cutter)

Card S. W Mfg. Co., Mansfield, Mass.
Ellison Bros., Frankford, Philadelphia, Pa.
Putnam Machine Co., Fitchburg, Mass.

6150—Hobs (Die)

Brubaker W. L. & Bros. (Solid), Millersburg, Pa.
Carpenter J. M. Tap & Die Co. (Solid, Open Sellers), Pawtucket, R. I.
GREENFIELD TAP & DIE CORP. ("G. T. D"), Greenfield, Mass.
See adv index at end of book
KNAPP ARTHUR ENGNG. CORP., 30 Church, New York
See adv index at end of book
Pratt & Whitney Co., Hartford, Ct.

6151—Hobs (Gear)

Barber-Colman Co. (Spline, Shaft & Worm), Rockford, Ill.
National Tool Co., Cleveland, O.
See adv index at end of book

6152—*Hobs (Long Taper)

GREENFIELD TAP & DIE CORP. ("G. T. D"), Greenfield, Mass.
See adv index at end of book

6153— Hobs (Worm)

Barber-Colman Co. (For Worms & Worm Wheels), Loomis st, Rockford, Ill.
Brown & Sharpe Mfg. Co., Providence, R. I.
Gould & Eberhardt, Newark, N. J.
NATIONAL TOOL CO. (Also Spur Gear), Cleveland, O. *See adv index at end of book*
Pratt & Whitney Co., Hartford, Conn.
Union Twist Drill Co., Athol, Mass.

6154— Hods (Coal)

Atlantic Stamping Co., 156-180 Ames, Rochester, N. Y.
Buffalo Mfg. Co., Buffalo, N. Y.
Central Stamping Co. ("Puritan," "Central" Galvanized & Japanned, etc), 174 Fulton, N. Y.
Crunden-Martin Mfg. Co. (Galvanized & Japanned), 2d & Gratiot, St. Louis, Mo.
Dover Stamping & Mfg. Co., Cambridge, Mass.
Franklin Galvanized Ware Mfg. Co., ("Handy") Franklin, Ind.
GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis.
See adv index at end of book
Kreamer A., 307 Kent av, Brooklyn, N. Y.
Lisk Mfg. Co. (Galvanized), Canandaigua, N. Y.
National Enameling & Stamping Co., 411 5th av, New York
New England Enameling Co. (Galvanized Iron), Middletown, Conn.
Pfeifer Jno. & Co. (Ltd.), 222 Race, Philadelphia, Pa.
Republic Metalware Co., The, Buffalo, N. Y.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.) (Galvanized & Japanned, Also for Railroads), Wheeling, W. Va.

6155-6—Hods (Mortar and Brick)

Anderson W. H. Tool & Supply Co. (Wood), Brush & Macomb, Detroit, Mich.
Berg John & Bro, 5001 5th av, Chicago, Ill.
Chesebro, Whitman Co., 1167 1st av, New York
Clark W. J. Co., Salem, O.
Cleveland Wire Spring Co. ("Iron Clad," "Never Drip" & "Hercules" Steel), Cleveland, O.
Crescent Novelty Mfg. Co., 703 S B'way, St. Louis, Mo.
Goldblatt H. Tool Co., 213 E 15th, Kansas City, Mo.
Lansing Co., Lansing, Mich.
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Mostberger Iron Co., 878 S Division, Buffalo, N. Y.

Hods (Steel)

See Hods, Mortar & Brick

6157— Hoe Mfrs.

American Axe & Tool Co. (Grub), Glassport, Pa.
American Fork & Hoe Co. ("True Temple," "Mississippi," "Sandwich Islands," "Texas," "Crescent," "Giant," Boys, Field, Garden, Mortar Mixer, Ladies' Cultivator, Planters, Onion Weeders, Turnip Weeding, etc.), Cleveland, O.
American Shovel & Stamping Co., Lorain, Ohio
Bradley G. W. Axe & Tool Mfg. Co., Newburgh, N. Y.
Collins Co., Collinsville, Conn.
Cronk & Carrier Mfg. Co. (Weeding & Garden), 150 Lake, Elmira, N. Y.
See adv index at end of book
Empire Plow Co., Cleveland, O.
Hussey Plow Co., North Berwick, Me.
Iron City Tool Works, Ltd. (Brub, Palmetto, etc), 3201 Smallman, Pittsburgh, Pa.
Klein-Logan Co. (Grub, Palmetto, etc), 13th & Breed, Pittsburgh, Pa.
Kohler F. E. Co. (Garden, Field & Weed), Canton, O.
Mann Jas. H. Co. (Planters), Lewistown, Pa.
Maynard C. A. (Planters), Northampton, Mass.
North Wayne Tool Co. (The C. C. Brooks), Hallowell, Me.
Owensboro Shovel & Tool Co. (Goose Neck Cotton, Planter, Garden, Southern Meadow, etc), Owensboro, Ky.
Parlin & Orendorff Co. ("P & O" Rotary), Canton, Ill.
Pratt Fork & Hoe Corp. ("Meadow Monarch"), Frankfort, N. Y.
Sandusky Tool Co. (Planters, Grub, Grape, Tobacco, Rice, Cane, Cotton, Street Cleaning, etc), Sandusky, O.
Scovil D. & H. ("Scovil" Hoes), Higganum, Conn.
Smith Jno. C. Hoe & Tool Co. ("Smith" & "Daisy"), Evansville, Ind.
Syracuse Chilled Plow Co. (Berry & Potato), Syracuse, N. Y.
Union Fork & Hoe Co. ("Faultless," "Smith's," "Rhode Island," "Kalamazoo," "Louisiana" & "Texas" Field, Cotton, Garden, Mortar Mixing, Planters, Chopper & Shuffle), Columbus, O.
Union Furnace Mfg. Co. (Malleable Iron), Union Furnace, Pa.
Wallingford Mfg. Co. (Garden, Cotton, Planters, etc), Wallingford, Vt.
Warwood Tool Co. (Grub & Hazel), Warwood, Wheeling, W. Va.

6158—Hoes (Asphalt Patching)

Barber Asphalt Paving Co. ("Iroquois"), Land Title bldg, Phila., Pa.

6159— Hoes (Cultivator)

American Fork & Hoe Co. (5 Prong), Cleveland, O.
Cronk & Carrier Mfg. Co. ("Cronk," "Swedish" & "Star"), 150 Lake, Elmira, N. Y. *See adv index at end of book*
Norcross C. S. & Sons ("Norcross" 3 & 5 Prong Garden), Bushnell, Ill.

6160—Hoes (Garden, Wheel)

Allen S. L. Co., Denckla bldg, Phila., Pa.
Ames Plow Co., Quincy Hall, Boston, Mass.
Avery B. F. & Sons, Lousiville, Ky.
Bacon Mfg. Co., Pontiac, Mich.
Bateman Mfg. Co. ("Gem," "Iron Age"), Grenloch, N. J.
Everts Mfg. Co. ("Improved Meridian"), Meridian, N. Y.
Hall Mfg. Co., Monticello, Ia.
Hussey Plow Co., North Berwick, Me.
International Harvester Company of America (Inc.), 702 Harvester bldg., Chicago
Moline Plow Co. ("Empire"), Moline, Ill.
Moore Plow & Implement Co., Greenville, Mich.
Niemann & Hieronymus (Rotary), Mt. Olive, Ill.
Ohio Cultivator Co. ("Climax," "Dexter," "Skaboo"), Bellevue, O.
Thornburg Mfg. Co. ("Toledo"), Bowling Green, O.

Hoes (Grub)

See Picks, Mattocks & Grub Hoes

6161— Hoes (Horse)

Adams S. & Son, Rome, N. Y.
Allen S. L. & Co. ("Planet, Jr."), Denckla bldg, Phila., Pa.
Ames Plow Co., Quincy Hall, Boston, Mass.
Bateman Mfg. Co. ("Iron Age"), Grenloch, N. J.
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Benecia Agricultural Works, Benecia, Cal.
Empire Plow Co., Cleveland, O.
Farquhar A. B. Co. (Ltd.), York, Pa.
Hussey Plow Co. (Potato), N. Berwick, Me.

6162— Hoes (Motor)

Wallingford Mfg. Co., Wallingford, Vt.

6163— Hoes (Onion)

Clark W. J. Co., Salem, O.

6164— Hoes (Scuffle)

Potter Mfg. Co., Geneva, O.
Union Fork & Hoe Co. (Railroad, Garden, etc), Columbus, O.

6165— Hogs (Saw Mill)

Bartlett A. F. & Co., Saginaw, Mich.
Diamond Iron Works, 2nd & 18th av N, Minneapolis, Minn.
Manistee Iron Works Co., Manistee, Mich.
Mitts & Merrill, 1939 So Water, Saginaw, Mich.

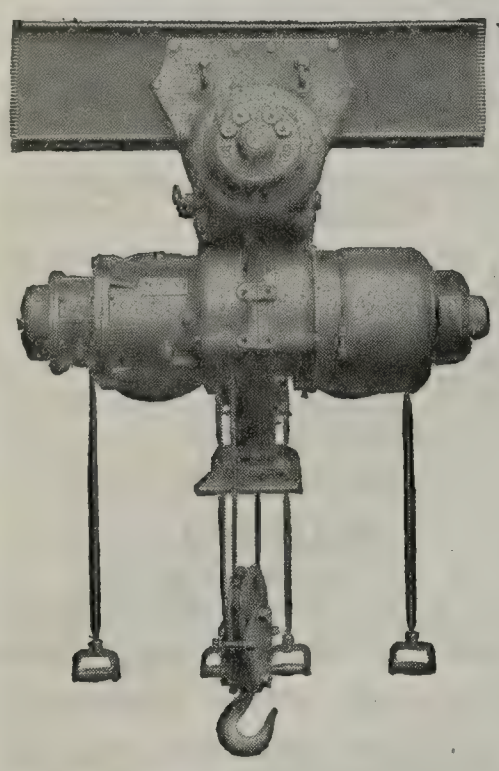
6166— Hogsheads

American Stave & Cooperage Co., Chelsea, Mass.
Armer Clarence H. & Bro., Augusta, Ky.
Baltimore Cooperage Co., The (For Wine Mfrs.), c Hanover & Creek, Baltimore, Md.

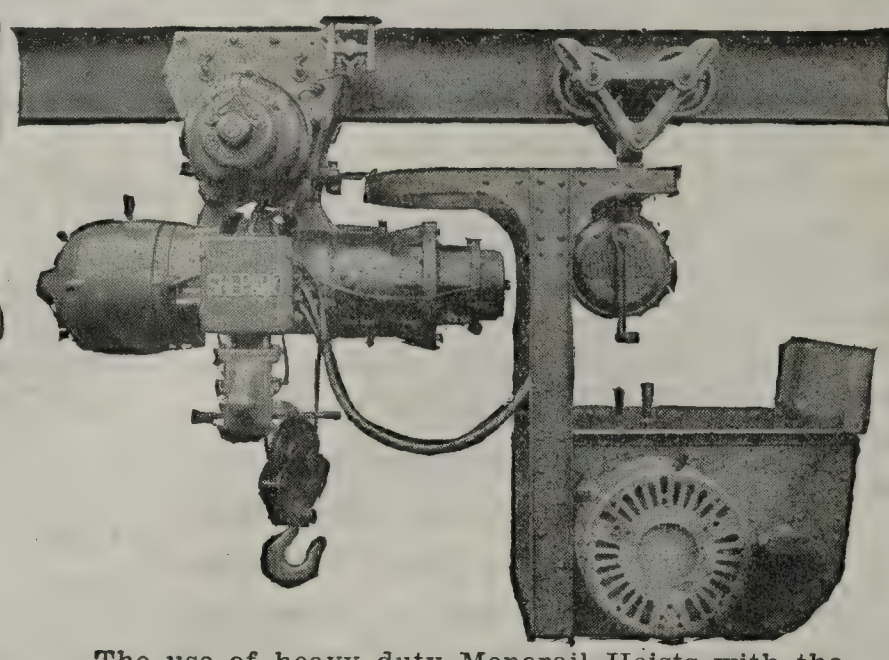
Send Corrections and Additions to the Publishers

THE Publishers do everything in their power to give complete and correct information in the Register. Nevertheless, a small proportion of omissions and errors are bound to occur. ¶ Purchasing Agents, Manufacturers and others noticing such omissions or errors will receive the grateful thanks of the publishers if they will send a note to the Editor -:- -:-

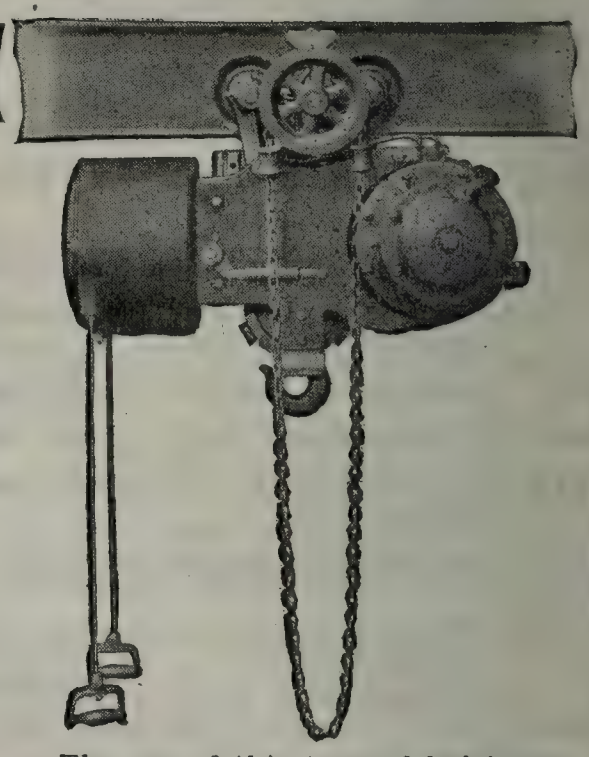
THE SHEPARD LINE IS COMPLETE



Foundry Control, D. C. Hoist with Motor Driven Trolley. Especially useful where loads must be carried distances too long for the workmen to push them on the runway efficiently.



The use of heavy duty Monorail Hoists with the flexibility of handling arrangements which transfer switches permits, revolutionizes handling methods in many industries. Can be enclosed for outdoor service.



The use of this type of hoist permits hoist service in low headroom where sufficient lift could not be otherwise obtained.

SHEPARD
ELECTRIC CRANE & HOIST CO.
New-York Philadelphia **Montour Falls, N.Y.** Chicago Pittsburgh
Boston, Baltimore, Birmingham, San-Francisco, Montreal, Melbourne, London.

"Hoist? Buy a SHEPARD"

HOGSHEADS—continued
Fridman Lumber Co., New Richmond, O.
Huntington Hogshead & Specialty Mfg. Co., Huntington, W. Va.
Mayfield Planing Mills, Mayfield, Ky.
Ryan John (Estate of), Hoboken, N. J.
Waller Mfg. Co. (Tobacco), Lexington, Ky.
Williams S. C. & Co., East Liverpool, O.

6166a— *Hoists (Air)

Northern Engineering Co., 9 Chene, Detroit, Mich. *See adv index at end of book*

Hoists (Air Cylinder)

See Pneumatic Hoists

Hoists (Air Motor)

See Pneumatic Hoists

6167— Hoists (Ash)

American Engng. Co., Aramingo & Cumberland, Phila., Pa.
Chain Belt Co., Milwaukee, Wis.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*
Ernst, Chas. K., Buffalo, N. Y.
Hyde Windlass Co., Bath, Me.
Insley Mfg. Co. (Automatic Dumping Bucket), 3500 E St. Claire, Indianapolis, Ind.
Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
New Jersey Foundry & Machine Co., "Delta," 89 West, New York
NORTHERN ENGINEERING WORKS (For Power Plants), 9 Chene, Detroit, Mich. *See adv index at end of book*
Republic Struc'l Iron Wks. Co., 350 E 53rd, Cleveland, O.
Robins Conveying Belt Co., 13 Park row, New York *See adv index at end of book*
Sharp Rotary Ash Receiver Co., Binghamton, N. Y.
SPEIDEL JOHN G. (Cellar), Reading, Pa. *See adv index at end of book*
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.

6168— Hoists (Ash Can)

Ernst C. K., Buffalo, N. Y.
Gillis & Geoghegan ("G. & G."), 537 W B'way, New York

6169—Hoists (Auto, Dump Body Operating)

Hydraulic Hoist Mfg. Co., St. Paul, Minn.
Lally Commercial Body Co., Everett, Mass.
Lee Loader Co., 2343 S La Salle, Chicago, Ill.
Littleford Bros., 444 Pearl, Cincinnati, O.
Miesel Press Mfg. Co. (Hand), 942 Dorchester av, Boston, Mass.
Variety Mfg. Co., 2958 Carroll av, Chicago, Ill.
Wood Hydraulic Hoist & Body Co., 1026 Bellevue, Detroit, Mich.
Wright Thos. Co., 71 Colden, Jersey City, N. J.

6170— Hoists (Beef)

Allbright-Nell Co. (Friction for Packing Houses, etc), 5323 Western blvd., Chicago, Ill.
Treece W. C. & Co. ("Peerless" for Slaughtering Beef, etc), Findlay, O.

6171-2-3— Hoists (Belt)

See also Engines, Hoisting

American Hoist & Derrick Co. (Double Friction Drum), St. Paul, Minn.
BUFFALO HOIST & DERRICK CO., 131 Erie, Buffalo, N. Y.
See adv index at end of book
Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
CLYDE IRON WORKS (Friction Drum, etc), Duluth, Minn.
See adv index at end of book
Dillon-Box Iron Works Co., Denver, Colo.
Dobbie Foundry & Machine Co., Niagara Falls, N. Y.
English Iron Works Co. ("Samson" Double & Single Friction Drum), Kansas City, Mo.
Erie Clutch & Pulley Co., Erie, Pa.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
Link-Belt Co., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R Ry, Phila., Pa.
See adv index at end of book
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
National Hoisting Engine Co. (Single & Double Friction Drum, etc.), Harrison, N. J.
South St. Louis Foundry Co., 7514 S B'way, St. Louis, Mo.
STREET BROS. MACH. WKS., Chattanooga, Tenn. *See adv index at end of book*
Sybilla Elevator & Mfg. Co., Chattanooga, Tenn.

Hoists (Blast Furnace)

See Hoists, Steam

Hoists (Body- Dumping)

See Hoists, Auto, Dump Body Operating

Hoists (Builders')

See Hoists, Contractors' Material; also Elevators, Hod

6174—*Hoists (Builders' Electric)

See also Hoists, Electric

BUFFALO HOIST & DERRICK CO., 131 Erie, Buffalo, N. Y.
See adv index at end of book

CLYDE IRON WORKS (also Belt & Steam), Duluth, Minn.
See adv index at end of book
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book

6175— *Hoists (Cableway)

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

6176— *Hoists (Cellar)

SPEIDEL JOHN G. ("Speidel" Vertical & Inclined), Reading, Pa.
See adv index at end of book

6177-8— Hoists (Chain)

See also Pneumatic Hoists

Abell Howe Co. (Block), 332 S Michigan, Chicago, Ill.
Blethen Hugh R., 21 Park Row, New York
Boston & Lockport Block Co. ("Star"), 100 Condor, East Boston, Mass.
Box Alfred & Co., 813 N Front, Phila., Pa.
Carpenter Geo. B. & Co., 440 North Wells, Chicago, Ill.
Channon Jas. H. Mfg. Co. ("Union" Weston Differential), 227 W Erie, Chicago, Ill.
Chisholm-Moore Mfg. Co. ("Cyclone" High Speed "Moore's" Anti-Friction, with Automatic Brake, "Duet" Differential), 3046 Lakeside, Cleveland, O.
Curtis & Co. Mfg. Co. (Pneumatic), 1571 Kienlen av, St. Louis, Mo.
DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*
Dobbie Foundry & Machine Co., Niagara Falls, N. Y.
Dunn Jas. P. ("Bailey"), Cleveland, O.
Ford Chain Block & Mfg. Co. ("Tribloc"), 139 N Oxford, Phila., Pa.
Gilbert Grant Co., 143 B'way, New York
See adv index at end of book
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
Harrington Edwin Son & Co. ("Peerless"), 17th & Callowhill, Phila., Pa.
Hobbs Clinton E. ("Weston"), 12 Pearl, Boston, Mass.
Irving Mfg. & Tool Co., 157 Chambers, New York
Moore Franklin Co. ("Acme," "Imperial," ¼ to 20 tons), Winsted, Conn.
New Jersey Foundry & Machine Co., "Delta," 89 West, New York
NORTHERN ENGINEERING WORKS ("Electric"), 9 Chene, Detroit, Mich.
See adv index at end of book
Portable Tool Supply Co., 712 Ellicott sq, Buffalo, N. Y.
READING CHAIN BLOCK CORP., Reading, Pa.
Round D. & Son ("Superior"), Cleveland, O.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
SPEIDEL JOHN G. ("Simplex"), Reading, Pa. *See adv index at end of book*
Whiting Foundry Equipment Co. (Chain & Rope), 157th & Halstead, Chicago, Ill.
Wright Mfg. Co. ("Wright" High Speed), Lisbon, O.
Yale & Towne Mfg. Co. (Triplex Spur Geared & Duplex Screw Geared), 9 E 40th, New York

6179—*Hoists (Coal Handling)

BUFFALO HOIST & DERRICK CO., 131 Erie, Buffalo, N. Y.
See adv index at end of book
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
Locomotive Crane Co., Bucyrus, O.
See adv index at end of book
NORTHERN ENGINEERING WORKS (For Unloading Cars, Vessels, etc), 9 Chene, Detroit, Mich.
See adv index at end of book
ROBINS CONVEYING BELT CO., 13 Park row, New York
See adv index at end of book

6180—*Hoists (Coal, Incline Traveling)

HAYWARD CO., THE, 50 Church, New York *See adv index at end of book*
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park & P. & R. Ry., Phila., Pa.
See adv index at end of book
ROBINS CONVEYING BELT CO., 13 Park row, New York
See adv index at end of book

6181—*Hoists (Combined with Trolley)

Gilbert Grant Co., 143 B'way, New York
LIDGERWOOD MFG. CO., 96 Liberty, New York. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

6182—*Hoists (Concrete Bucket)

Clyde Iron Works, Duluth, Minn.
See adv index at end of book
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

6183—Hoists (Contractors' Material)

See also Elevators, Hod

American Cement Machine Co., Koekuk, Ia.
Archer Iron Works (Steel Skeleton), 2436 W 34th pl, Chicago, Ill.
Atkinson W. H. Co., Hoboken, N. J.
Bates & Edmonds Motor Co. (Gasoline for Double Platform), Lansing, Mich.
Biegert J. C. Machine Works, Seattle, Wash.
Buffalo Hoist & Derrick Co. (Wheelbarrow), 131 Erie, Buffalo, N. Y.
See adv index at end of book
Byers John F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL REGISTER

C. H. & E. Mfg. Co. ("C. H. & E." Single Drum Double Acting Engine or Motor Driven), 384 Clinton, Milwaukee, Wis.
Channon Jas. H. Mfg. Co. (Belt, Electric, Gasoline, Portable, etc.), 227 Erie, Chicago, Ill.
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
Dake Engine Co. (Steam or Air), Grand Haven, Mich.
Dillon-Box Iron Works Co., Denver, Colo.
Erie Clutch & Pulley Co., Erie, Pa.
FAIRBANKS CO., 416 Broome, New York
For branch houses see Alphabetical Section
Grote F. Mfg. Co., Evansville, Ind.
Insley Mfg. Co. (Steel Skeleton), 3500 E St. Clair, Indianapolis, Ind.
Ireland Machine Foundry Co., Norwich, N. Y.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
LIDGERWOOD MFG. CO., 96 Liberty, New York. *See adv index at end of book*
Mead-Morrison Mfg. Co., Cor Prescott & Orleans, East Boston, Mass.
National Hoisting Engine Co., Harrison, N. J.
Northwestern Iron Works, Seattle, Wash.
O. K. Clutch & Machinery Co., Columbus, Pa.
Patten Mfg. Co. (Double Platform, Electric Gasoline & Steam), Chattanooga, Tenn.
Sasgen Derrick Co. (Also Barrel & Auto Truck), 3101 W Grand av, Chicago, Ill. *See adv index at end of book*
Seattle Machine Works, Seattle, Wash.
STREET BROS. MACHINE WORKS, Chattanooga, Tenn.
See adv index at end of book
Sybilla Elevator & Machine Co. (Belt, Electric, Gasoline, Portable, etc), 214 W Ontario, Chicago, Ill.
Waterloo Cement Machinery Corp. ("Polygon" Gasoline Engine), Waterloo, Ia.
Waterloo Gasoline Engine Co., Waterloo, Ia.
Whitman Agricultural Co. ("Sultan"), 7000 S B'way, St. Louis, Mo.

6184— *Hoists (Derrick)

Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
LIDGERWOOD MFG. CO., 96 Liberty, New York. *See adv index at end of book*
SHEPARD ELECTRIC CRANE & HOIST CO., Montour Falls, N. Y.
See adv index at end of book
STREET BROS. MACH. WKS., Chattanooga, Tenn. *See adv index at end of book*

6185—Hoists (Dock & Deck)

American Engineering Co. ("Williamson," Steam, Electric & Gasoline), Aramingo & Cumberland, Phila., Pa.
Automatic Machine Co., Bridgeport, Conn.
Buffalo Hoist & Derrick Co., 131 Erie, Buffalo, N. Y.
See adv index at end of book
Chase Machine Co. (Single & Double Geared), Cleveland, O.
CLYDE IRON WORKS (Steam), Duluth, Minn. *See adv index at end of book*
Dake Engine Co. (Pneumatic or Steam), Grand Haven, Mich.
DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*
Dillon-Box Iron Works Co. (Dock), Denver, Colo.
Dobbie Foundry & Machine Co., Niagara Falls, N. Y.
Erie Clutch & Pulley Co., Erie, Pa.
Jackson & Church Co., Saginaw, Mich.
Lake Shore Engine Works (Electric), Marquette, Mich.
LIDGERWOOD MFG. CO., 96 Liberty, New York. *See adv index at end of book*
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Michigan Dredge Co. ("Michigan"), Bay City, Mich.
Mundy J. S. Hoisting Engine Co. (Electric & Steam), 722 Frelinghuysen av, Newark, N. J.
See adv index at end of book
NORTHERN ENGINEERING WORKS (Electric), 9 Chene, Detroit, Mich.
See adv index at end of book
STREET BROS. MACH. WKS., Chattanooga, Tenn.
See adv index at end of book
Superior Iron Works Co., Superior, Wis.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
Waterloo Gasoline Engine Co., 625 Miles, Waterloo, Ia.
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.

6186— Hoists (Drum)

See also Engines, Hoisting

American Hoist & Derrick Co., St. Paul, Minn.
Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
CLYDE IRON WORKS (Friction Drum, Electric), Duluth, Minn.
See adv index at end of book
Erie Clutch & Pulley Co., Erie, Pa.
Farrell John & Son, Newton, N. J.
Foote C. Mfg. Co. ("Foote" Single Friction), Nunda, N. Y.
Lake Shore Engine Works, Marquette, Mich.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

HOISTS (DRUM)—continued

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

Minneapolis Steel & Machinery Co. ("Twin City" Electric, Gasoline & Steam), 29th & Drexel, Minneapolis, Minn.

STREET BROS. MACH. WKS., Chattanooga, Tenn.
See adv index at end of book

Stroudsburg Engine Works, Stroudsburg, Pa.

Superior Iron Works Co., Superior, Wis.

Webster Mfg. Co., Tiffin, O.

6187— Hoists (Electric)

See also Pneumatic Hoists; also Cranes, Hand Power; also Cranes, Electric

Abell-Howe Co., 322 S Michigan av, Chicago, Ill. *See adv index at end of book*

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*

American Hoist & Derrick Co. (Single & Double Friction Drum, etc), St. Paul, Minn.

BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book

Blethen Hugh R., 21 Park Row, New York

Box Alfred & Co. (Monorail, etc), 813 N Front, Phila., Pa.

Brown Hoisting Machinery Co., 4403 St. Clair, N E Cleveland, O.

BROWNING VICTOR R. & CO., 17701 Lake Shore blvd, Cleveland, O.; Mansfield, O., and College Point, New York
See adv index at end of book

BUFFALO HOIST & DERRICK CO. ("Buffalo"), 131 Erie, Buffalo, N. Y.
See adv index at end of book

Hoists (Electric) Friction Drum
MANUFACTURED BY
CLYDE IRON WORKS
DULUTH, MINN.

Byers John F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book

Cameron Engineering Co., E Stroudsburg, Pa. *See adv index at end of book*

Case Crane & Engineering Co., Columbus, O.

CHICAGO PNEUMATIC TOOL CO., Fisher bldg., Chicago, Ill.
See adv index at end of book

Cline A. J. ("Reliable"), 343 S Dearborn, Chicago, Ill.

CLYDE IRON WORKS (Friction Drum), Duluth, Minn.
See adv index at end of book

Dake Engine Co., Grand Haven, Mich.

Denver Engineering Works Co., Denver, Colo.

DETROIT HOIST & MACHINE CO. (Portable), Detroit, Mich.
See adv index at end of book

HOISTS—ELECTRIC
Portable and Monorail
FOR EVERY PURPOSE
DETROIT HOIST & MACHINE CO.
DETROIT, MICH.

Dobbie Foundry & Machine Co., Niagara Falls, N. Y.

Eagle Iron Works, Des Moines, Ia.

Economy Engineering Co., Willoughby, O.

Erie Clutch & Pulley Co., Erie, Pa.

Euclid Crane & Hoist Co. (Traveling Mono-Rail), Euclid, O.

Exeter Machine Works, Pittston, Pa.

Fair Haven Foundry & Machine Co., Fair Haven, Vt.

Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.

Finch Mfg. Co., Scranton, Pa.

Galena Iron Works Corp., Galena, Ill.

GILBERT-GRANT CO., 143 B'way, New York *See adv index at end of book*

Grote F. Mfg. Co., Evansville, Ind.

Haiss Geo. Mfg. Co., 141st & Rider av, New York

Hardie-Tynes Mfg. Co., Birmingham, Ala.

Haslett Spiral Chute Co., Westmoreland & 23d, Phila., Pa.
See adv index at end of book

Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.

Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.

Imperial Iron Works, Duluth, Minn.
See adv index at end of book

Johnston & Jennings Co., Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book

Kansas City Elevator Mfg. Co., Kansas City, Mo.

Lake Shore Engine Works (Portable Derrick & Mining), Marquette, Mich.

Lambert Hoisting Engine Co., 117 Poinier, Newark, N. J.

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

Maine Electric Co., Portland, Me.

Maris Bros., 56th & Gray's av, Phila., Pa.

Mead-Morrison Mfg. Co., Cor. Prescott & Orleans, East Boston, Mass.

Minneapolis Steel & Machinery Co. ("Twin City" Single, Double & Triple Friction Drum), 29th & Drexel, Minneapolis, Minn.

Mundy J. S., Hoisting Engine Co., 722 Frelinghuysen av, Newark, N. J.
See adv index at end of book

National Hoisting Engine Co. (Double Friction Drum, etc), Harrison, N. J.

National Iron Co., Duluth, Minn.

New Jersey Foundry & Machine Co. ('Delta"), 89 West, New York

NORTHERN ENGINEERING WORKS (Chain), 9 Chene, Detroit, Mich.
See adv index at end of book

Orr & Sembower, Reading, Pa.

Otis Elevator Co., 26th & 11th av, New York

Ottumwa Iron Works, Ottumwa, Iowa

Patten Mfg. Co. ("Patten," Variable Speed), Chattanooga, Tenn.

Pawling & Harnischfeger Co., Milwaukee, Wis.

Pneumelectric Machine Co., Syracuse, N. Y.

Portland Co., Portland, Me.

Roeper Crane & Hoist Works, Reading, Pa.

Sackett Mine Supply Co., 164 N 3d, Columbus, O.

San Francisco Engineering Co., 322 6th San Francisco, Cal.

SHEPARD ELECTRIC CRANE & HOIST CO., Montour Falls, N. Y.
See adv index at end of book

Shriver T. & Co., Harrison, N. J.

South St. Louis Foundry Co., 7514 S B'way, St. Louis, Mo.

Sprague Electric Works, 527 W 34th, New York

STREET BROS. MACHINE WORKS, Chattanooga, Tenn.
See adv index at end of book

Stroudsburg Engine Works (Friction, Drum, etc), Stroudsburg, Pa.

Sybilla Elevator & Mfg Co., Chattanooga, Tenn.

Thomas Elevator Co., 20 S Hoyne, Chicago, Ill.

Toledo Bridge & Crane Co., 2500 Door, Toledo. O.

Young R. W. Mfg. Co. (¼ to 5 tons), 14 E Jackson blvd, Chicago, Ill.

Weir & Craig Mfg. Co. (1-2 to 5 tons), 2421 Wallace, Chicago, Ill.

Wellman-Seaver-Morgan Co., Cleveland, Ohio

Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.

6188—*Hoists (Electric Chain)

Sprague Electric Works, 527 W 34th, New York

Hoists (Electric Mine)

See Hoists, Mine

6189—*Hoists (Electric Monorail)

Cameron Engineering Co., E Stroudsburg, Pa. *See adv index at end of book*

GILBERT-GRANT CO., 143 B'way, New York
See adv index at end of book

Hoisting Machy. Co., 50 Church, New York
See adv index at end of book

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

NORTHERN ENGINEERING WORKS 9 Chene, Detroit, Mich.
See adv index at end of book

SHEPARD ELECTRIC CRANE & HOIST CO., Montour Falls, N. Y.
See adv index at end of book

6189a—*Hoists (Electric Portable)

NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book

6190—Hoists (Electric, Reversible Friction)

CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.

6191—Hoists (Electric Traveling)

See also Cranes, Electric Traveling

Brown Hoisting Machinery Co., 4403 St. Clair, N E, Cleveland, O.

Cameron Engineering Co., E Stroudsburg, Pa. *See adv index at end of book*

Case Crane & Engineering Co., Columbus, O.

Euclid Crane & Hoist Co. (Monorail), Enclid, O.

Exeter Machine Works, Pittston, Pa.

Gilbert-Grant Co., 143 B'way, New York
See adv index at end of book

HOISTING MACHY. CO., 50 Church, New York *See adv index at end of book*

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book

Pawling & Harnischfeger Co., Milwaukee, Wis.

Roeper Crane & Hoist Works, Reading, Pa.

SHEPARD ELECTRIC CRANE & HOIST CO. (Also Electric Trolleys), Montour Falls, N. Y. *See adv index at end of book*

Sprague Electric Works, 527 W 34th, New York

Toledo Bridge & Crane Co., 2500 Dorr, Toledo, O.

Hoists (Electric Trolley)

See Hoists, Electric Traveling

6192—Hoists (Friction & Flat Friction)

Byers Jno. F. Machine Co. (Cone), 242 S Sycamore, Ravenna, O.
See adv index at end of book

Erie Clutch & Pulley Co., Erie, Pa.

Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.

Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

Long E. G. Co., 50 Church, New York
McFarlane-Eggers Machinery Co., Denver, Colo.
Smith T. L. Co., 1151 32d, Milwaukee, Wis.
Webster Mfg. Co. (Friction), Tiffin, O.
Wright M. & Son Co., Montpelier, Vt.

6193— Hoists (Furnace)

Brown Hoisting Machinery Co., 4403 St. Clair, N E, Cleveland, O.
LIDGERWOOD MFG. CO. (Blast), 96 Liberty, New York
See adv index at end of book

6194—Hoists (Furnace Door)

(For Tempering & Annealing Furnaces)
Cameron Engineering Co., E. Stroudsburg, Pa. *See adv index at end of book*
Curtis & Co. Mfg. Co. (Air), 1571 Kienlen av, St. Louis, Mo.

6195— Hoists (Gasoline)

See also Engines, Hoisting, Gas & Gasoline

Alamo Mfg. Co., Hillsdale, Mich.
American Cement Machine Co., Keokuk, Ia.
Atlas Engng. Co., 3009 Lisbon av, Milwaukee, Wis.
Bates & Edmonds Motor Co., Lansing, Mich.
Brown Clutch Co. ("Little Giant"), Sandusky, O.
Buckeye Engine & Foundry Co., Joliet, Ill.
Byers John F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
Charter Gas Engine Co. ("Charter"), Sterling, Ill.

HOISTS
(GASOLENE)
Manufactured by
CLYDE IRON WORKS
DULUTH, MINN.

CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
Corliss Gas Engine Co. (Corliss Mining), 440 Market, San Francisco, Cal.
Erie Clutch & Pulley & Kerosene Co., Erie, Pa.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Foos Gas Engine Co. (Mine & Contractors, 9 H.P-25 HP.), 800 Monroe, Springfield, O.
LIDGERWOOD MFG. CO. (Gas or Gasoline), 96 Liberty, New York
See adv index at end of book
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Minneapolis Steel & Machinery Co. ("Twin City" Single, Double & Triple Friction Drum), 29th & Drexel, Minneapolis, Minn.
Mundy J. S. Hoisting Engine Co., 722 Frelinghuysen av, Newark, N. J.
See adv index at end of book
Novo Engine Co., Lansing, Mich.
Original Gas Engine Co. ("Ideal"), Lansing, Mich.
Orr & Sembower (Also Kerosene), Reading, Pa.
Patten Mfg. Co., Chattanooga, Tenn.
Price G. W. Pump & Engine Co., 33 Stevenson, San Francisco, Cal.
STREET BROS. MACH. WKS., Chattanooga, Tenn. *See adv index at end of book*
Sybilla Elevator & Mfg. Co., Chattanooga, Tenn.
Union Gas Engine Co. (Gas), 24 California, San Francisco, Cal.
Universal Hoist & Mfg. Co. ("Ideal"), Cedar Falls, Iowa
Waterloo Cement Machinery Corp. ("Polygon"), Waterloo, Ia.
Waterloo Gasoline Engine Co., 625 Miles, Waterloo, Ia
Western Gas Engine Corp., Los Angeles, Cal.
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.

6196—*Hoists (Grab Bucket)

CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
GILBERT-GRANT CO., 143 B'way, New York
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
Locomotive Crane Co., Bucyrus, O.
See adv index at end of book
NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book
ROBINS CONVEYING BELT CO., 13 Park row, New York
See adv index at end of book
SHEPARD ELECTRIC CRANE & HOIST CO., Montour Falls, N. Y.
See adv index at end of book

6197—Hoists (Grip, for Hand Elevators)

Jordan Bros. (Single, Belt Geared), 74 Beekman, New York
Speidel John G., Reading, Pa.
See adv index at end of book
WARSAW ELEVATOR CO., Warsaw, N. Y., & Dunn bldg, Buffalo, N. Y.
See adv index at end of book

6198— Hoists (Hand)

See also Elevators, Hand; also Hoists, Chain

American Hoist & Derrick Co. (Also Belt), St. Paul, Minn.
Buffalo Hoist & Derrick Co., 131 Erie, Buffalo, N. Y.
See adv index at end of book
Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
Cameron Engineering Co., E Stroudsburg, Pa. *See adv index at end of book*
Case Crane & Engng. Co. (Hand Power), Columbus, O.
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
Dobbie Foundry & Machine Co. (Hand Power), Niagara Falls, N. Y.
Euclid Crane & Hoist Co., Euclid, O.
Exeter Machine Works, Pittston, Pa.
Frick Co., Waynesboro, Pa.
Great Lakes Engineering Works (For Ice Cans), Detroit, Mich.
INGERSOLL-RAND CO. ("Little Tugger" Pneumatic or Steam), 11 B'way, New York *See adv index at end of book*
Kansas City Elevator Mfg. Co., Kansas City, Mo.
Lambert Hoisting Engine Co., 117 Poinier, Newark, N. J.
Larrabee Jno. E. Co. (Portable), Amsterdam, N. Y.
Mason Volney W. & Co., 2 Lafayette, Providence, R. I.
Milton S. G. & Son ("Champion" Portable Crane & Hoist), Franklin, Pa.
Mine & Smelter Supply Co. (For Mines, etc), 42 B'way, New York
Motor Specialties Co. ("Simplex Hoister" Ratchet Wire Rope), Waltham, Mass.
Mundy J. S., Hoisting Engine Co., 722 Frelinghuysen av, Newark, N. J.
See adv index at end of book
New Jersey Foundry & Machine Co. ("Delta"), 89 West, New York
Shriver T. & Co., Harrison, N. J.
South St. Louis Foundry Co., 7514 S B'way, St. Louis, Mo.
SPEIDEL JOHN G., Reading, Pa.
See adv index at end of book
WARSAW ELEVATOR CO., Warsaw, N. Y., & Dunn bldg, Buffalo, N. Y.
See adv index at end of book

6199— Hoists (Head Gate)

Dayton Globe Iron Works, Dayton, O.
Dilts Machine Works (Inc.) (For Water Power Developments), Fulton, N. Y.

Hoists (Hod)

See Elevators, Hod

6200— Hoists (Hydraulic)

Chambersburg Engng. Co., Chambersburg, Pa.
Kansas City Elevator Mfg. Co., Kansas City, Mo.

6201-2—*Hoists (Incline Trenching)

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

6203— Hoists (Mine)

Alamo Mfg. Co. (Gasoline, Alcohol, etc), Hillsdale, Mich.
CLYDE IRON WORKS (Steam, Electric, etc), Duluth, Minn.
See adv index at end of book
Connellsville Mfg. & Mine Supply Co. (Steam & Electric), Connellsville, Pa.
Dake Engine Co., Grand Haven, Mich.
Denver Engng. Works Co. (Electric), Denver, Colo.
Diamond Machine Co. (Electric), Monongahela, Pa.
Dillon-Box Iron Works Co. (Steam & Electric), Denver, Colo.
Eagle Iron Works (Steam & Electric), Des Moines, Ia.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Galena Iron Works Corp. (Electric, Steam & Belt Driven), Galena, Ill.
Goodman Mfg. Co. (Electric), Halsted & 48th pl, Chicago, Ill.
Hardie-Tynes Mfg. Co., Birmingham, Ala.
Hassell Iron Works Co. (Also Horse Power), Colorado Springs, Col.
Hendrie & Bolthoff Mfg. & Supply Co. (Steam & Electric Power), Denver, Colo.
Hendy Joshua Iron Works (Electric & Steam), 75 Fremont, San Francisco, Cal.
Holmes Robt. & Bros. ("Holmes" Automatic Gravity), Danville, Ill.
Imperial Iron Works (Steam & Electric), Duluth, Minn.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
Lake Shore Engine Works (Electric), Marquette, Mich.
Lambert Hoisting Engine Co., 117 Poinier, Newark, N. J.
LIDGERWOOD MFG. CO. (Steam & Electric), 96 Liberty, New York
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
McFarlane-Eggers Machine Co. (Electric & Steam), Denver, Colo.
Mead-Morrison Mfg. Co. (Steam & Electric), cor Prescott & Orleans, East Boston, Mass.
Mine & Smelter Supply Co. (Electric), 42 B'way, New York
Mineral Ridge Mfg. Co. (Electric & Steam) Mineral Ridge, O.
National Iron Co., Duluth, Minn.
Ottumwa Iron Works (Steam & Electric), Ottumwa, Ia.
Seattle Machine Works, Seattle, Wash.
Salt Lake Iron & Steel Co., Salt Lake City, Utah
South St. Louis Foundry Co., 7514 S B'way, St. Louis, Mo.
Stroudsburg Engine Works, Stroudsburg, Pa.
United Iron Works Co. (Electric), Kansas City, Mo.
Vulcan Iron Works (Steam & Electric), Wilkes-Barre, Pa.
Waterloo Gasoline Engine Co., 625 Miles, Waterloo, Ia.
Wellman-Seaver-Morgan Co. ("Winze," Steam & Electric), Cleveland, O.
Western Gas Engine Corp., Los Angeles, Cal.
Willamette Iron & Steel Works, Portland, Ore.

6203a—*Hoists—Monorail (Electric)

Northern Engineering Works, 9 Chene, Detroit, Mich. *See adv index at end of book*

6204— Hoists (Oil)

Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Waterloo Gasoline Engine Co., 625 Miles, Waterloo, Ia.

6205— Hoists (Paper)

Omaha Folding Machine Co., Omaha, Neb.
Rouse H. B. & Co., 2214 Ward, Chicago, Ill.

Hoists (Pneumatic)

See Pneumatic Hoists

6206— *Hoists (Portable)

See also Cranes, Portable; also Hoists, Chain

Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
FAIRBANKS CO., 416 Broome, New York
Mann Corpn., 72 W Adams, Chicago, Ill.
Ridgway Craig & Son Co., Coatesville, Pa.
Standardizing Co., 78-80 Broad, New York

6207— *Hoists (Quarry)

Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

6208—Hoists (Rope & Block)

Hall Mfg. Co. ("Hall," Steel Safety), Monticello, Ia.
Hunt, Helm, Ferris & Co. ("Star"), Harvard, Ill.
Ney Mfg. Co., Canton, O.

6209—Hoists (Sand, Pneumatic)

Robertson Wm. & Co. ("Robertson," for Railroad Use, etc), 20 W Jackson blvd, Chicago, Ill.

6210—Hoists (Scaffold, Etc.)

Motor Specialties Co. ("Simplex," Small, of Painters, Building Cleaners, Bridge Builders, etc), Waltham, Mass.

Hoists (Sidewalk)

See Elevators, Sidewalk

6211— *Hoists (Skip)

BARTLETT C. O. & SNOW CO. (For Coal, Ashes or Other Materials), French st, Cleveland, O.
See adv index at end of book
BEAUMONT R. H. CO., Drexel bldg, Phila., Pa. *See adv index at end of book*
Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

6212— Hoists (Steam)

See also Engines, Hoisting

ALLIS-CHALMERS MFG. Co., Milwaukee, Wis. *See adv index at end of book*
American Hoist & Derrick Co., St. Paul, Minn.
BUFFALO HOIST & DERRICK CO., 131 Erie, Buffalo, N. Y.
See adv index at end of book
Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
Compressed Air & General Machinery Co., 39 Stevenson, San Francisco, Cal.
Dillon-Box Iron Works Co., Denver, Colo.
Dobbie Foundry & Machine Co., Niagara Falls, N. Y.
Eagle Iron Works, Des Moines, Ia.
Exeter Machine Works, Pittston, Pa.
Foote C. Mfg. Co., Nunda, N. Y.
Galena Iron Works Corp., Galena, Ill.
Gas Machinery Co. (For Gas Works), 1900 Euclid av, Cleveland, O.
General Mach. & Supply Co., 39 Stevenson, San Francisco, Cal.
Hardie-Tynes Mfg. Co., Birmingham, Ala.
Hendrie & Bolthoff Mfg. & Supply Co., Denver, Colo.
Imperial Iron Works, Duluth, Minn.
Jackson & Church Co., Saginaw, Mich.
Lambert Hoisting Engine Co., 117 Poinier, Newark, N. J.
Lansing Co., Lansing, Mich.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

HOISTS (STEAM)
MANUFACTURED BY
CLYDE IRON WORKS
DULUTH, MINN.

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

McFarlane-Eggers Mach. Co., Denver, Colo.
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Mineral Ridge Mfg. Co., Mineral Ridge, O.
Mundy J. S. Hoisting Engine Co., 722 Frelinghuysen av, Newark, N. J.
See adv index at end of book
National Hoisting Engine Co., Harrison, N. J.
National Iron Co., Duluth, Minn.
Otis Elevator Co., 26th & 11th av, New York
Ottumwa Iron Works, Ottumwa, Ia.
Portage Lake Foundry & Machine Co., Hancock, Mich.
South St. Louis Foundry Co., 7514 S B'way, St. Louis, Mo.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
United Iron Works Co. ("Freeman" Geared), Kansas City, Mo.
Wellman-Seaver-Morgan Co., Cleveland, Ohio

6213— Hoists (Suction Pipe)

Superior Iron Works Co. (Hydraulic), Superior, Wis.

6214— Hoists (Telescopic)

Alvey-Ferguson Co. ("A-F"), 70 North av, Oakley, Cincinnati, O.
Chelsea Elevator Co., 213 W 26th, New York
Ernest C. K., Buffalo, N. Y.
Gillis & Geoghegan ("G. & G."), 537 W B'way, New York
Link-Belt Co., 39th & Stewart av, Chicago Ill. & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

Hoists (Telpher)

See Telpherage, Electric Conveying

6215— *Hoists (Traveling)

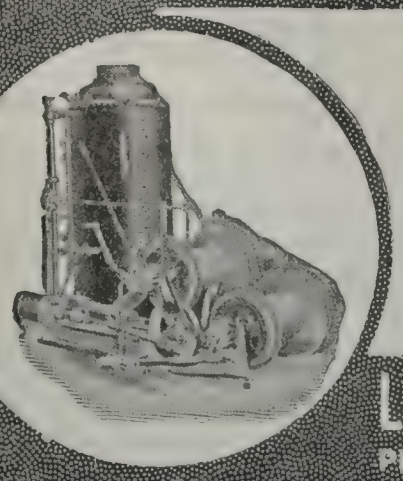
See also Hoists, Electric Traveling

Cameron Engineering Co., E Stroudsburg, Pa. *See adv index at end of book*
DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*
Gilbert-Grant Co., 143 B'way, New York
See adv index at end of book
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
Locomotive Crane Co., Bucyrus, O.
See adv index at end of book
New Jersey Foundry & Machine Co. "Delta," 89 West, New York
SPEIDEL JOHN G. (Hand Power), Reading, Pa. *See adv index at end of book*
Toledo Bridge & Crane Co., 2500 Dorr, Toledo, O.

Hoists (Trolley)

See Trolleys & Trolley Tracks, Overhead

LIDGERWOOD HOISTS



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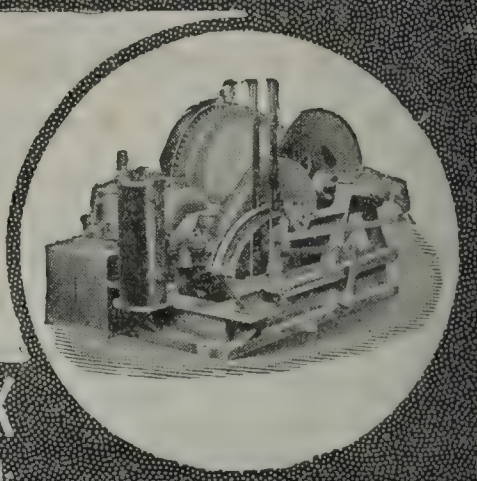

LIDGERWOOD MFG. CO. 96 LIBERTY ST. NEW YORK

Philadelphia, Pittsburg, Chicago, Seattle, Los Angeles, London, Eng.

Hoists (Wheelbarrow)

See Hoists. Contractors' Material

6216— Hold-Backs (Crucible)

Johnson Bronze Co.. New Castle. Pa.

6217—Holders (Automobile Tire)

Aetna Brass Mfg. Co., 1631 E 55th, Cleveland, O.
Allen Auto Specialty Co. (With Locks), 16 W 61st, New York
Allen Fire Dept. Supply Co., 159 Aborn, Providence, R. I.
Attwood Brass Works, Grand Rapids, Mich.
Auto Brass Mfg. Co. ("Abco"), 56 Friendship, Providence, R. I.
Auto Parts Mfg. Co. ("Badger" Side & Rear), 528 B'way, Milwaukee, Wis.
B. E. Mfg. Co. ("Bemco"), 18 W 18th, New York
B. & B. Mfg. Co., Cleveland, O.
Beckley-Ralston Co. ("Monarch" Adjustable), 1801 S Michigan av, Chicago, Ill.
Central Brass & Fixture Co., Springfield, Ohio
Cleveland Galvanizing Works Co. (Chain), 3924 Cooper av, Cleveland, O.
Cowles C. & Co., New Haven, Conn.
Douglas & Lomason Co., Detroit, Mich.
E.-C. Sales Co. ("E.-C."), 140 W Vanburen, Chicago, Ill.
Eberhard Mfg. Co., Cleveland, O.
Essex Brass Foundry Co. (With Locks), Cambridge, Mass.
Findeisen & Kropf Mfg. Co., 2559 W 21st, Chicago, Ill.
Gemco Mfg. Co. ("Gemco" Rear End & Runningboard Holders), Milwaukee,
Gilbert Mfg. Co. ("Gilbert" with Locks), New Haven, Conn.
Halladay L. P. Co. (Also Numbers), Streator, Ill.
Highton Wm. & Sons Co., Nashua, N. H.
Keeler Brass Co., Grand Rapids, Mich.
Kreidler Auto Top Co., Trenton, N. J.
Le Compte Mfg. Co. (Hard Rubber), 44 Elm, Newark, N. J.
Medina Stamping & Machine Co. ("Medina" Hinge), Medina, N. Y.
Metal Stamping Co. ("Perfection"), 13th, Long Island City, N. Y.
National Jack & Mfg. Co., 130 S Clinton, Chicago, Ill.
Noonan A. S. Tool & Machine Wks., Rome, N. Y.
Post & Lester Co. ("Security"), Hartford, Conn.
Rands Mfg. Co., Detroit, Mich.
Smith Jos. N. & Co., Detroit, Mich.
Star Brass Works Co., Kansas City, Mo.
Starr Bros. Bell Co. ("Starr" Bronze, Brass & Malleable Iron), East Hampton, Conn.
Stryker C. W., Syracuse, N. Y.
Western Brass Mfg. Works ("Hercules"), Marshall Boul. & W 21st, Chicago, Ill.
Western Mechanical Works ("Western" Telescoping), Los Angeles, Cal.
Whitehouse-Le Compte Mfg. Co. (With Locks), 44 Elm, Newark, N. J.
Wiener-Barnet Co., 328 Adams, Newark, N. J.

6218— Holders (Bag)

American Buncher Mfg. Co., Oliver & Harding, Indianapolis, Ind.
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Sackett A. J., Cor 4th av & 1st, Baltimore, Md.
South Bend Spark Arrester Co., South Bend, Ind.
Sprout, Waldron & Co., Muncy, Pa.
Streeter N. R. & Co. ("Sensible"), Rochester, N. Y.
Trumpheller Mfg. Corp. ("Trump"), 447 Ellicott sq, Buffalo, N. Y.
Wagner Mfg. Co. ("Daisy," for Farm Use), Cedar Falls, Ia.
Webster Mfg. Co. ("Mosher"), Tiffin, O.
Wilson-Hurd Co., Wausau, Wis.
Wolf Co., Chambersburg, Pa.

6219— Holders (Battery)

Am. Ever Ready Wks. of Nat. Carbon Co., Thompson av, Long Island City, N. Y.
Eureka Supply Co., Sewell, N. J.
Mersman Bros., Ottawa, O.
Michigan Motor Spec. Co., 40 Dubois, Detroit, Mich.
National Carbon Co., Madison av N W & W 117th, Cleveland, O.
Niagara Mfg. Co., Holyoke, Mass.
Ostrander W. R. & Co., 371 B'way, New York
Paragon Electric Co., 9 S Clinton, Chicago, Ill.
Stanley & Patterson ("Watertight" Sealed-In Wireless), 23 Murray, New York
Stephenson Supply Co., Auburn, N. Y.
Sumter Telephone Co., Sumter, S. C.

6220—*Holders (Bit Brace)

GREENFIELD TAP & DIE CORP. ("G. T. D." for Taps & Dies), Greenfield, Mass.
See adv index at end of book

6221— Holders (Blanket)

Ely T. J. Mfg. Co. ("Dandy"), Erie, Pa.
Imperial Bit & Snap Co., Racine, Wis.
Kohler F. E. Co., Canton, O.
Thomson Judson L. Mfg. Co., Waltham, Mass.

6222— Holders (Blotter)

Weber-Knapp Co., Jamestown, N. Y.

6223— Holders (Bottle)

Aldrich Mfg. Co., Buffalo, N. Y.
New York Stamping Co. ("Empress"), N 11th & Berry, Brooklyn, N. Y.
Ray Geo. A. Mfg. Co. (Ginger Ale, Club Soda, Nickel Plated), Buffalo, N. Y.
United Steel & Wire Co., Battle Creek, Mich.

6224— Holders (Broom)

See also Holders, Whisk Brooms

Bradley & Farnham ("Knapp" Gravity), Middlefield, Conn.
Cassady Fairbanks Mfg. Co. ("Sensible," "Thompson"), 6126 S La Salle, Chicago, Ill.
Coleman Hardware Co. ("Eureka"), 122 S Michigan av, Chicago, Ill.
Ely T. J. Mfg. Co. ("Dandy"), Erie, Pa.
Erickson C. E. & Co. ("Queen") Des Moines, Ia.
Forg Peter Mfg. Co., Somerville, Mass.
Franklin Brass Foundry Co. ("Ideal"), Reading, Pa.
GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis.
See adv index at end of book
Moore & Gibson Corp. (Leather), 39 W 19th, New York
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Parker Wire Goods Co. ("Star," "Eureka"), Worcester, Mass.
Pratt Wm. E. Mfg. Co. ("Perfect"), 35 W Lake, Chicago, Ill.
Racine Iron & Wire Works, Racine, Wis.
Reading Saddle & Mfg. Co. ("Handy"), Reading, Pa.
Wolverine Supply & Mfg. Co. (Page & Fontella), Pittsburgh, Pa.
Wrightsville Hardware Co. ("Star"), Wrightsville, Pa.

6225— Holders (Brush)

(For Dynamo Brushes)

Anderson Albert & J. M. Mfg. Co., 289a, Boston, Mass.
Baylis Co. ("Reaction"), Bloomfield, N. J.
Eureka Co., North East, Pa.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Hemming Mfg. Co., Garfield, N. J.
Nelson Samuel, 1748 Grace, Chicago, Ill.
Par-Sil Metal Co., Lansdale, Pa.
Perfection Supply Co., 98 Park pl, New York
WESTINGHOUSE ELECTRIC & MFG. Co., East Pittsburgh, Pa.
See adv index at end of book

6226—Holders (Brush, Paint, Etc.)

Hanlon & Goodman Co. (Adjustable Extension), 270 Pearl, New York

6227— Holders (Candle)

Bernz Otto, 17-37 Ashland, Newark, N. J.
Stortz John & Son (Plumbers), 210 Vine, Phila., Pa.

6228— Holders (Car Door)

See also Door Stops.

St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Sherburne & Co. ("Sherburn"), 53 Oliver, Boston, Mass.

6229— Holders (Car Wheel)

Ransome-Leach Co. ("McMicken"), 115 B'way, New York

6230— Holders (Carbon)

Bogue Chas. J. Elec. Co., 513 W 29th, New York
Phila. Electrical & Mfg. Co., 1236 N 31st, Phila., Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

6231—Holders (Card & Label)

Brainerd Mfg. Co., East Rochester, N. Y.
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Corbin Cabinet Lock Co. (Bronze & Brass). New Britain, Conn.
Dent Hardware Co. (Card), Fullerton, Pa.
Eagle Lock Co., Terryville, Conn.
GASKET SUPPLY CO., Steel-Tin-Brass, 1927 Ludlow, Phila., Pa.
See adv index at end of book
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Judd H. L. Co., 87 Chambers, New York
Kraft A. C. (Galv. Iron & Tin), 323 W Lake, Chicago, Ill.
Loetscher-Ryan Mfg. Co. (Card), Dubuque, Ia.
Ludwig A. & Co., 75 Spring, New York
Novelty Mfg. Co., Waterbury, Conn.
Reading Hardware Co., Reading, Pa.
Riley-Klotz Mfg. Co., 17 Mulberry, Newark, N. J.
Sargent & Co., New Haven, Conn.
Shann Mfg. Co., Middletown, N. Y.
Shelby Spring Hinge Co., Shelby, O.
Timberlake J. B. & Sons (For Price Tickets, etc), Jackson, Mich.
Weber-Knapp Co., Jamestown, N. Y.
Western Railway Equipment Co. ("Downing," for Cars), Central Natl. Bank, bldg, St. Louis, Mo.
Yale & Towne Mfg. Co., 9 E 40th, New York

6232—Holders (Carriage Curtain)

Searls Mfg. Co., 29 Mulberry, Newark, N. J.

6233— Holders (Chart)

Spiro C. Mfg. Co., 68 E 131st, New Yrk

6234—Holders (Christmas Tree)

Donnelly John ("Hub"), Branford, Conn.
Grey Iron Casting Co., Mt. Joy, Pa.
Miller C. H. Hardware Co. ("Donnelly"), Huntington, Pa.
North Bros. Mfg. Co. ("Crown"), Lehigh av. & American, Phila., Pa.
Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Peck C. A. Hardware Co. ("Little Gem" & "Little Jewel" Steel), Berlin, Wis.
Penn Hardware Co., Reading, Pa.
Reed E. L. Mfg. Co. ("Krackerjack"), Sterling, Ill.
Rhinelander Refrigerator Co. ("Riek's"), Rhinelander, Wis.
Wrightsville Hardware Co., Wrightsville, Pa.

6234a—*Holders (Cigar & Cigarette)

Kaufmann Bros. & Bondy, 33 E 17th, New York

6234b—*Holders (Clothes Line)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

6235— Holders (Concrete)

Grabler Mfg. Co. (Steel, also Extension), Cleveland, O.

6236— Holders (Copy)

Beaton & Cadwell Mfg. Co. ("Ludington's"), New Britain, Conn.
Drop-a-Line Indicator Co., Milwaukee, Wis.
Gnu Sales Corp. ("Gnu"), Monadnock bldg., San Francisco, Cal.
Line-a-Time Mfg. Co., Rochester, N. Y.

6237—Holders (Cord, Electric Iron)

Paragon Electric Co., 9 S Clinton, Chicago, Ill.

6238— Holders (Cotter Pin)

Buffman Tool Co. ("Swastika"), South Side, Louisiana, Mo.

6239— Holders (Crayon)

Adams D. C. Crayon Co., 125 Market, St. Louis, Mo.
See adv index at end of book
Dudfield Mfg. Co., Liberty, Mo.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

6240—Holders (Curtain Rod)

See Brackets, Curtain Pole

6241— Holders (Dash Rein)

Fernald Mfg. Co. ("Fernald"), North East, Pa.
Searls Mfg. Co., 29 Mulberry, Newark, N. J.

6242— Holders (Diamond)

Montgomery & Co. ("Strong"), 105 Fulton, New York

6243— Holders (Dictionary)

Andrews A. H. Co., Chicago, Ill.
Flanagan Geo. J., 515 S Fifth av, Chicago, Ill.
Larenze Mfg. Co., Chicago, Ill.
Sargent Geo. F. Co., 132 E 23rd, New York
Sargent Mfg. Co., Muskegon, Mich.
Stewart Geo. S. Co., Norwalk, Ohio
Union School Fur. Co., Chicago, Ill.

6244— Holders (Die & Tap)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
Bardons & Oliver (Releasing Die), Cleveland, O.
Bay State Tap & Die Co. ("Bay State"), Mansfield, Mass.
Beaman & Smith Co. (Tap), Providence, R. I.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Butterfield & Co., Derby Line, Vt.
Card S. W. Mfg. Co. (Lathe, Bit, Brace, Die Holders, etc), Mansfield, Mass.
Carpenter J. M. Tap & Die Co. (Die, Bit, Brace, Lathe), Pawtucket, R. I.
Champion Blower & Forge Co. ("Champion" Bit-Brace & Die Holder), Lancaster, Pa.
Errington F. A., 39 Cortlandt, New York
Geometric Tool Co. (Reversing Tap Holder), New Haven Conn.
Goodell-Pratt Co. (Tap), Greenfield, Mass.
GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book
Hartford Machine Screw Co., Hartford, Conn.
McCrosky Reamer Co. ("Wizard" Turret Tap), Meadville, Pa.
Modern Tool Co., 300 State, Erie, Pa.
See adv index at end of book
Morse Twist Drill & Machine Co., New Bedford, Mass.
Polk A. J. & Son (Bit Brace), Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Quint A. D. (Tap), Hartford, Conn.

Holders (Door)

See Door Holders; also Door Stops)

6245-6— Holders (Drill)

Armstrong Bros. Tool Co. ("Armstrong," Drill & Reamer), 339 N. Francisco av, Chicago, Ill.
Beaman & Smith Co. ("Safety"), Providence, R. I.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Lutz Co., Inc., 3103 Gray's Ferry av, Phila., Pa.
Lutz-Webster Engineering Co., 3103 Grays Ferry av, Philadelphia, Pa.
Scallan, W. E. & Co., 1122-26 West Cincinnati, Ohio
Star Expansion Bolt Co. (Electricians', Brick & Stone), 147 Cedar, New York

Holders (Dry Battery)

See Holders, Battery

6247—Holders (Electric Lamp)

Arrow Electric Co. ("Arrow" Bayonet Type), Hartford, Conn.
Brady Electric Mfg. Co., New Britain, Conn.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Faries Mfg. Co. (Adjustable), Decatur, Ill.
Franklin Specialty Mfg. Co. ("Anderson," Adjustable), 710 Eddy, Providence, R. I.
Harley Co., Springfield, Mass.
Ohio Electric Spcialty Mfg. Co., Troy, O.

6248— Holders (Extension Bit)

Millers Falls Co., 28 Warren, New York

6249—Holders (Fishing Rod)

Meisselbach A. F. & Bros. ("Universal," "Handy"), 29 Congress, Newark, N. J.

Holders (Flag Pole)

See Brackets, Flag Pole

6249a—*Holders (Garage Door)

Bolles Wm. B., Post-office Box 600, Milwaukee, Wis. *See adv index at end of book*
Griffin Mfg. Co., 15th & Cherry, Erie, Pa.
Stanley Works, New Britain, Conn.
See adv index at end of book

Holders (Hog)

See Tongs, Hog

6250— Holders (Iron)

Fricke Adolf ("Fricke"), 73 Franklin, New York

6251— Holders (Knurl)

See also Holders, Tool

Alert Tool Co. (Adjustable), 221 N 23d, Phila., Pa.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Graham Mfg. Co. (For Turrets), 96 Point, Providence, R. I.

Holders (Label)

See Holders, Card & Label

6252— Holders (Lantern)

Ladd W. C. ("Warner"), Bristol, Conn.
Morse A. J. & Sons, Inc., 221 High, Boston, Mass.

6253— Holders (Match Box)

American Ring Co., Waterbury, Conn.
Arcade Mfg. Co. (For Safety Matches, etc), Freeport, Ill.
Buffalo Mfg. Co., Buffalo, N. Y.
Dent Hardware Co., Fullerton, Pa.
Grey Iron Casting Co. (Safety), Mt. Joy, Pa.
Res Mfg. Co. ("Non-theft"), 2907 Meinecke av, Milwaukee, Wis.
Williams A. C. Co., Ravenna, Ohio
Wrightsville Hardware Co., Wrightsville, Pa.

6253a— Holders (Menthol)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

6254-5—Holders (Milk Bottle or Jar)

Hamblin & Russell Mfg. Co., Worcester, Mass.
National Mfg. Co. ("Natwire" Wire), Worcester, Mass.
Parker Wire Goods Co. ("Triumph" Sanitary, Screws to Wall), Worcester, Mass.

Holders (Mop)

See Mop Sticks & Holders

6256—Holders (Note Book, Stenographers')

Galesburg Writing Machine Co. ("Chicago"), Galesburg, Ill.
Ihling Bros. & Everard Co., Kalamazoo, Mich.
Weber-Knapp Co. ("Perfection," "Mark" Copy), Jamestown, N. Y.

6257— Holders (Oil Can)

Buffum Tool Co. ("Swastika," Automobile, etc), South Side, Louisiana, Mo.
Halladay L. P. Co. (Automobile), Streator, Ill.

6258-9—Holders (Paper Sheet)

Newman Mfg. Co., 717 Sycamore, Cincinnati, O. *See adv index at end of book*

6259a—*Holders Pen (Writing)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

6260— Holders (Pencil)

Adams D. C. Crayon Co., 125 Market, St. Louis, Mo. *See adv index at end of book*
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

6260a—Holders (Pillow Sham)

Josef E. E. Mfg. Co., Buffalo, N. Y.

6261—Holders (Pipe Nipple)

American Pin Co. ("Ampinco" Brass), Waterbury, Conn.
Bignall & Keeler Mfg. Co., Edwardsville, Ill.
Boston Brass Co. ("B. B."), Waltham, Mass. *See adv index at end of book*
Curtis & Curtis Co., Bridgeport, Conn.
Fee & Mason (& for Flush Pipes), 81 Beekman, New York
Jarecki Mfg. Co., Erie, Pa.
Lockhart R. Jas. ("Lockhart" Polished), 201 Millvale, Pittsburgh, Pa.
Merrell Mfg. Co., 278 Curtis, Toledo, O.
Murchey Machine & Tool Co., Detroit, Mich.
Starbuck R. M. & Sons ("Starbuck"), Hartford, Conn.
Walworth Mfg. Co., Boston, Mass.

6262— Holders (Punch)

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Cleveland Steel Tool Co., Cleveland, O.

Holders (Rein)

See Holders, Dash Rein

6263— Holders (Rod)

National Sheet Metal Co., Peru, Ill.

Holders (Sack or Bag)

See Holders, Bag

Holders (Sad Iron)

See Handles, Sad Iron

6264— Holders (Sash)

Automatic Sash Holder Mfg. Co. (Automatic), 50 Church, New York
Hart Sash Holder Co. ("Hart" Anti-Rattler, Burglar Proof), Lexington, Mo.
Wagner Mfg. Co. ("Wagner," for Screen & Storm Sash), Cedar Falls, Ia.

6265— Holders (Scraper)

Bishop Geo. H. & Co. (Cabinet Scraper), Lawrenceburg, Ind.

6266-7—Holders (Shade or Globe)

Allen Shade Holder Co., 46 Cornhill, Boston, Mass.
American Brass & Copper Co. (Gas & Electric), 138 Lafayette, New York
American Pin Co., Waterville, Waterbury, Conn.
American Ring Co., 531 Bank, Waterbury, Conn.
Art Metal Mfg. Co. ("A-M"), E 61st & Curtis av, Cleveland, O.
Beaton & Cadwell Mfg. Co. ("Perfection" Adjustable & Shade Fixtures), New Britain, Conn.
Benjamin Elec. Mfg. Co. (Nitrogen), 128 S Sangamon, Chicago, Ill.
See adv index at end of book
Brandt-Dent Co., Watertown, Wis.
Bridgeport Brass Co., Bridgeport, Conn.
Bryant Electric Co. ("Uno" Electric), Bridgeport, Conn.
Connecticut Electric Mfg. Co., Bridgeport, Conn.
Crescent Brass Mfg. Co. (Nitrogen), Cleveland, Conn.
Crouse-Hinds Co., Syracuse, N. Y.
Dale Lighting Fixture Co., 107 W 13th, New York
Faries Mfg. Co., Decatur, Ill.
Fixture Spec. Co., Los Angeles, Cal.
Forg Peter Mfg. Co., Somerville, Mass.
Freeman E. H. Electric Co. ("Lyhne"), Trenton, N. J.
Grady M. J. Mixture Mfg. Co. (Inverted), 608 1st av N, Minneapolis, Minn.
Gudeman & Co., 19 W 36th, New York
Harter Mfg. Co., 524 S Clinton, Chicago, Ill.
Herwig Art Shade Lamp Co., 2140 N Halsted, Chicago, Ill.
Hubbell Harvey Inc. ("Hubbell" Shade), Bridgeport, Conn.
J-E-M Shade Holder Co. ("J-E-M" for Incandescent Lights), 221 W 33d, New York
Kraushaar Brass Mfg. Co. (Aluminum Elec Reflector Shades & Holders Combined, etc), 919 Pine, St. Louis, Mo.
McFaddin H. G. & Co., 38 Warren, New York
Manhatton Brass Co., 332 E 28th, New York
Mitchell Vance Co., 507 W 24th, New York
Multi-Lux Illuminating Co., 6712 Union av, Cleveland, O.
Pittsburgh Metal Spinning & Stamping Co. (Nitrogen), 400 Duquesne way, Pittsburgh, Pa.
Pittsburgh Reflector & Illuminating Co., Pittsburgh, Pa.
Plume & Atwood Mfg. Co. (Gas & Electric Globe), Waterbury, Conn.
Remhof Chas., 375 Kent av, Brooklyn, N. Y.
Safety Car Htg. & Ltg. Co., 2 Rector, New York
Schaefer Brass Mfg. Co., 815 Clark av, St. Louis, Mo.
Solar Elec. Co., 124 W Lake, Chicago, Ill.
Standard Brass & Bronze Mfg. Co. (Nitrogen), 813 Liberty, Pittsburgh, Pa.
Standard Metal Spinning Co. (Nitrogen), 138 Mott, New York
Steele & Johnson Mfg. Co., 779 So Main, Waterbury, Conn.
Tregoning Electric Mfg. Co. (For Tungsten Lamps), Cleveland, O.
Turner & Seymour Mfg. Co. (Shade Only), Torrington, Conn.
United Metal Spinning Co., 103 Mott, New York
Waldo Co. ("Waldo" for Upright or Hanging Bulbs), 45 E 20th, New York
Waterbury Mfg. Co., Waterbury, Conn.
Weber Brass Co. (Nitrogen), Whitney Power Blk, Cleveland, O.
White Jas. H. Mfg. Co., 111 N 3d, Brooklyn, N. Y.
Wilson A. B. Co., Leader-News bldg, Cleveland, O.

6268— Holders (Sign)

Wallace Supplies Mfg. Co. ("Wallace" for all Manner or Car Signs), 412 Orleans, Chicago, Ill.

6269— Holders (Soda Glass)

Aldrich Mfg. Co. (Soda Glass), Buffalo, N. Y.
Ray Geo. A. Mfg. Co. (Plated), Buffalo, N. Y.

6270— Holders (Spice Jar)

Cassady Fairbank Mfg. Co. ("Sanitary"), 6126 S La Salle, Chicago, Ill.

6271— Holders (Stake)

Louden Machinery Co. (Malleable Iron & Pressed Steel), Fairfield, Ia.
STANLEY WORKS (Wrought Steel, Wagon), New Britain, Conn.
See adv index at end of book

6272— Holders (Syrup)

Stuart & Peterson Co., Burlington, N. J.

Holders (Tap)

See Holders, Die & Tap

6272a—*Holders (Test Tube)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

6273—Holders (Toilet Paper)

A. P. W. Paper Co. ("Onliwon," "A. P. W." "Bob White," "Pure White," "Cross Cut" & "Equity"), Albany, N. Y.
American Brass Novelty Co. ("Lokin"), Grand Haven, Mich.
Bens S. J. Mfg. Corp., The, Herkimer, N. Y.
Cassady Fairbank Mfg. Co. ("Unique," "Stiles"), 6126 S La Salle, Chicago, Ill.
Columbus Brass Co., 538 Dublin av, Columbus, O.
See adv index at end of book
Ely T. J. Mfg. Co. ("Dandy"), Erie, Pa.
Fanner Mfg. Co. ("Arctic"), Cleveland, O.
Fischer Bros. & Corwin, 635 N 3d, Newark, N. J.
Bens Mfg. Corp. ("Handy Roll," "Flat O Roll"), Herkimer, N. Y.
Forsyth Metal Goods Co., E Aurora, N. Y.
Gardner L. H. Paper Co. ("Believe Me"), Mumford, N. Y.
Hills Edwin (Rollers), Plainville, Conn.
Morgan Envelope Co. ("Springfield" Oval), Springfield, Mass.
Novelty Mfg. Co. ("Wilwear"), Waterbury, Conn.
Parker Chas. Co., Meriden, Conn.
Reading Saddle & Mfg. Co. ("Reading"), Reading, Pa.
Res. Mfg. Co. ("Res"), 2907 Meinecke av, Milwaukee, Wis.
Shelby Spring Hinge Co. ("Satin," "Silk," Steel & Brass), Shelby, O.
Streeter N. R. & Co. ("Sensible" Toilet Paper Fixtures), Rochester, N. Y.
Sweeney W. H. Mfg. Co. ("Royal"), 30 Main, Brooklyn, N. Y.

6274— Holders (Tool, Etc.)

Alert Tool Co. (Knurling Tool, Hand & Universal), 221 N 23d, Phila., Pa.
Allman Gas Engine & Machine Co. ("Miller" Lathe), 461 Canal, New York
American Tool & Machine Co. (Turret), 10 High, Boston, Mass.
Armstrong Bros. Tool Co. ("Armstrong" Tool Holders for Turning, Boring, Planing and Cutting Off Metals), 339 N Francisco av, Chicago, Ill.
Bardons & Oliver (Forming Tool Holders), Cleveland, O.
Bay State Tap & Die Co. ("Bay State," Die, Bit, Brace & Lathe), Mansfield, Mass.
Beaman & Smith Co. (Safety Drill & Tap), Providence, R. I.
Brown & Sharpe Mfg. Co. (For Screw Machines, etc), Providence, R. I.
Clark Equipment Co., Buchanan, Mich.
Cleveland Twist Drill Co. (Floating & Turret), 1 E 49th, Cleveland, O.
Crescent Forgings Co. ("Lang" Turning, Threading & Cutting-off; also Holders for Heavy Work), Oakmont, Pa.
Detroit Twist Drill Co. (Lathe Drill), 555 Fort, Detroit, Mich.
See adv index at end of book
Errington, F. A., 39 Cortlandt, New York
Gisholt Machine Co., Madison, Wis.
Grant Mfg. & Machine Co. (Adjustable Boring Tool Holder), Bridgeport, Conn.
Hartford Machine Screw Co. (Machine Tool), Hartford, Conn.
Keystone Equipment Co. ("Colton" Lathe), 1825 Walnut, Phila, Pa.
McCarp F. J., Marine Bank bldg, Erie, Pa.
Mingst C. P. (Lathe & Planer), Evansville, Ind.
Modern Tool Co. (Die, Tap, etc), 500 State, Erie, Pa.
Morgan Mfg. Co. ("Morgan's" Handy), Newport, R. I.
National Forge & Tool Co., Erie, Pa.
O. K. Tool Holder Co. ("O. K."), Shelton, Conn.
Pratt & Whitney Co., Hartford, Conn.
Ready Tool Co. ("Red-E"), Bridgeport, Conn.
Thompson H. G. & Son Co. ("Carr" Combination), New Haven, Conn.
Union Tool Co. ("Hill," "Eberhardt"), Orange, Mass.
Van Doren Mfg. Co. ("Vandor" Universal, for Lathe, Planer, Shaper, etc), 227 W Erie, Chicago Co. Heights, Ill.
Western Tool & Mfg. Co. ("The Champion"), Springfield, O.
Williams J. H. & Co. ("Agrippa" & "Vulcan" for Turning, Boring, Planing Tool, Shaper Tool, etc), 31 Richards, Brooklyn, N. Y.
See adv index at end of book
Worcester Flexible Tubing Company (Lathe & "Efficiency" Planer), Whitman, Mass.

6275—Holders (Tooth Brush)

Cassady Fairbank Mfg. Co. (Aluminum, Nickel Plated, etc), 6126 S La Salle, Chicago, Ill.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Res. Mfg. Co., 2907 Meinecke av, Milwaukee, Wis.
Waterbury Mfg. Co., Waterbury, Conn.

6276— Holders (Tooth Pick)

Aluminum Goods Mfg. Co. (Aluminum), Manitowoc, Wis.
Standard Aluminum Co. (Aluminum), Two Rivers, Wis.

6277— *Holders (Towel)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

6278— Holders (Trace)

Fernald Mfg. Co. ("Fernald," Double), North East, Pa.
Harsh-Miller Mfg. Co., Wabash, Ind.

6279—Holders (Tumbler, Etc.)

Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Central Specialty Mfg. Co., 508 S Peoria, Chicago, Ill.
Cline L. Mfg. Co., 1239 S Wabash av, Chicago, Ill.
Columbus Brass Co., 538 Dublin av, Columbus, O.
See adv index at end of book
Dawson J. R. Mfg. Co., Fairhill Station, Philadelphia, Pa.
Edwardsville Brass Co., Edwardsville, Ill.
Eustis J. P. Mfg. Co. ("Brasscrafters"), Cambridge, Mass.
Forsyth Metal Goods Co., E Aurora, N. Y.
Garden City Plating & Mfg. Co. ("Kurtson"), 1430 S Talman av, Chicago, Ill.
Novelty Mfg. Co. ("Wilwear" Combination Tumbler & Soap Holder), Waterbury, Conn.
Parker Chas. Co. (Bath Rooms, etc), Meriden, Conn.

HOLDERS (TUMBLER, ETC.)—continued
Schlesinger Leo & Co. (Combination Tumbler & Soap), 66 Wooster, New York
Searls Mfg. Co. ("Palette"), 29 Mulberry, Newark, N. J.
Silver & Co. ("Silver"), 304 Hewes, Brooklyn, N. Y.
Stephenson C. H. ("Stephenson"), Lynn, Mass.
Sternau S. & Co., 35 Gold, Brooklyn, N. Y.
Sweeney W. H. Mfg. Co., 30 Main, Brooklyn, N. Y.

6280—Holders (Tumbler, Wire)

Bridgeport Wire Goods Co., East Port Chester, Conn.
Cutter Mfg. Co., Everett Station, Boston, Mass.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
National Mfg. Co. ("Natwire"), Worcester, Mass.
Parker Wire Goods Co., Worcester, Mass.
Wire Goods Co., Worcester, Mass.
Woods-Sherwood Co., Worcester, Mass.

6281— Holders (Twine)

Introstile Mfg. Co. ("Ideal"), Marietta, O.
National Mfg. Co. ("Natwire" Wire), Worcester, Mass.
New York Roll Wrapping Paper Co. ("Simplex" & "Popular"), 84 Beekman, New York
Nicol & Co. (Improved Cone), 218 N Jefferson, Chicago, Ill.
Streeter N. R. & Co. ("Sensible," also Reel Holder), Rochester, N. Y.
Universal Winding Co. ("Walker"), Boston, Mass.
Woods-Sherwood Co. (Wire Twine Baskets), Worcester, Mass.

6282— Holders (Umbrella)

Clark W. J. Co., Salem, Ohio
Lamb Geo. L., Nappanee, Ind.

6283—Holders (Whisk Broom)

American Ring Co., Waterbury, Conn.
Arlington Wks., The (E. I. du Pont de Nemours & Co.), 21 E 40th, New York
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Central Specialty Mfg. Co., 508 S Peoria, Chicago, Ill.
Kennebunk Mfg. Co., Rochester, N. H.
Novelty Mfg. Co., Waterbury, Conn.

6284-5— Holders (Wire)

Fletcher Mfg. Co. ("Gem"), Dayton, O.

Hollow Ware

See Enameled Ware; also Aluminum Hollow Ware; also sub-classifications following

6286—Hollow Ware (Cast Iron)

See also Hollow Ware, Stove
Griswold Mfg. Co., Erie, Pa.
Hardwick Stove Co. (Tea Kettles), Cleveland, Tenn.
Wagner Mfg. Co., Sidney, Ohio

6287—Hollow Ware (Nickle Plated)

Aldrich Mfg. Co. (With Hinged Cover), Buffalo, N. Y.
Farber S. W., 147 S 5th, Brooklyn, N. Y.
Lehmann Bros., 197 Grand, New York
Sweeney W. H. Mfg. Co., 30 Main, Brooklyn, N. Y.

6288—Hollow Ware (Silver Plated)

Benedict Mfg. Co. (Also Flatware), East Syracuse, N. Y.
Homan Mfg. Co., Findlay, Western & Hulbert av, Cincinnati, O.
International Silver Co., 9 Maiden la, New York
Lehmann Bros., 197 Grand, New York
Rogers J. Silver Co., 13 Laight, New York
Van Bergh Silver Plate Co., Rochester, N. Y.

6289— Hollow Ware (Stove)

Birmingham Stove & Range Co., Birmingham, Ala.
Glascock Stove & Mfg. Co. (Cast Iron), Greensboro, N. C.
Gray & Dudley Hardware Co., Nashville, Tenn.
Lodge Mfg. Co. (Cast Iron), S Pittsburg, Tenn.
Phillips & Buttorff Mfg. Co., Nashville, Tenn.
Southern Co-operative Foundry Co., Rome, Ga.

6290—Holsters (Gun & Pistol)

Abercrombie & Fitch Co., Madison av & 45th, New York
Brauer Bros. Mfg. Co., 204 N 14th, St. Louis, Mo.
Buchheimer Geo. H, 1004 Rutland av, Baltimore, Md.
Cook E. C. & Bro. (Canvas), 827 Loomis, Chicago, Ill.
Goodrich B. F. Co. (Rubber), Akron, O.
Hodgman Rubber Co. (Rubber), 8 W 40th, New York
Hoegee W. H. Co., Los Angeles, Cal.
Mills Woven Cartridge Belt Co., Worcester, Mass.
Pneumatic Mfg. Co., 123 Pacific, Brooklyn, N. Y.

6291— Homatropine

Hoffmann-LaRoche Chemical Works, 440 Washington, New York

6292— Hominy

See also Food, Cereal, Prepared, etc.
American Hominy Co., Indianapolis, Ind.
Baltimore Pearl Hominy Co., Howard & Stockholm, Baltimore, Md.
Bishopp Hominy Co., Sheldon, Ill.
Crete Mills, Crete, Nebraska
H-O Company, Buffalo, N. Y.
Hodapp Hominy Co., Seymour, Ind.
Lea Milling Co., Wilmington, Del.
Walthen Milling Co., Louisville, Ky.

6293-4— Hones (Razor)

American Hone Co., Olean, N. Y.
Bracher Co., Belleville, N. J.
Carborundum Co. (Carborundum & Natural Stone), Niagara Falls, N. Y.
Droescher S. R., 79 Warren, New York
Korn Geo. W. Razor Mfg. Co., Little Valley, N. Y.
Pike Mfg. Co., Pike, N. H.

Hoods (Automobile)

See Hoods, Motor

6295— Hoods (Forge)

Lourie Mfg. Co. ("Lourie—No-Smoke" Cast Iron, with Wind Shield), Springfield, Ill.
Standard Sheet Metal Mfg. Co., Washington, Pa.

6296—Hoods (Galvanized Sheet Steel)

Banister A. W. Co., 421 Dorchester av, S Boston, Mass.

6297—Hoods (Grinding, Buffing & Polishing Wheel)

Cleveland Blow Pipe & Mfg. Co., 6950 Kinsman rd, Cleveland, Ohio.
Kirk & Blum ("Economy"), York & Western avs, Cincinnati, O.
Northern Blower Co., Barberton & W 65th, Cleveland, O.
Valley City Machine Works (Adjustable for Grinders), Grand Rapids, Mich.

6298— Hoods (Motor)

A. Z. Co., 527 W 56th, New York
Auto Lamp & Radiator Co., Cleveland, O.
Briscoe Mfg. Co., Detroit, Mich.
Clayton & Lambert Mfg. Co., 205 Piquette av, E, Detroit, Mich.
Detroit Carriage Goods Co., Detroit, Mich.
Hayes Mfg. Co., Detroit, Mich.
Kells W. J. Mfg. Co., 521 W 45th, New York
Michigan Stamping Co., Detroit, Mich.
SAGINAW SHEET METAL WORKS, Saginaw, Mich.
Springfield Body Co., Springfield, Mass.
U. S. Aluminum Co., Oliver bldg, Pittsburgh, Pa.
Universal Specialty Co., Leader-News bldg., Cleveland, O.
Wright R. G. & Co., Buffalo, N. Y.
York Corrugating Co., York, Pa.

6299— Hoods (Spray)

Atlantic Boat Co., Amesbury, Mass.
McClellan Chas. P. ("Simplicity"), Fall River, Mass.
Pneumatic Mfg. Co., 123 Pacific, Brooklyn, N. Y.
Thomas Wm. E. & Co., 42 South, New York

6300—Hoods & Fixtures (Electric Lamp)

American Reflector & Lighting Co., 517 W Jackson blvd., Chicago, Ill.
Brady Electric Mfg. Co., New Britain, Conn.
Cutter Geo. Co., South Bend, Ind.
Fletcher Mfg. Co., Dayton, O.
Line Material Co., South Milwaukee, Wis.
Lundin Electric & Machine Co., 10 Thatcher, Boston, Mass.
National Metal Stamping & Mfg. Co. ("Tidman," "Chapin," "Columbian," "Marten," "Jersey," "Murray," "Tuxedo,' "Tremont"), 494 Mulberry, Newark, N. J.
Overbagh & Ayres Mfg. Co. ("Oamco"), 411 S Clinton, Chicago, Ill.
Phila. Electrical & Mfg. Co. ("Pemco" Copper Incandescent Street), 1236 N 31st, Philadelphia, Pa.
Wheeler Reflector Co. ("Wheeler"), 156 Pearl, Boston, Mass.

Hook-Gage

See Recorders, Water Level

6301— Hookaroons

American Logging Tool Co., Evart, Mich.
Oshkosh Mfg. Co. (Axe Handle, etc), Oshkosh, Wis.

6302— Hooks (Agricultural)

Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

6303—Hooks (Automatic Tripping)

LINK-BELT CO. (For Chain Sling), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa. *See adv index at end of book*

6304— Hooks (Awning)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Auer Jno. Jr. (Wrought), 197 Middletown, Brooklyn, N. Y.
Brewer Bros. Co. (Wrought Iron), 614 Filbert, Philadelphia, Pa.
Landers, Frasy & Clark (Wrought), New Britain, Conn.
Morgan Spring Co. ("Eclipse" & Eyes), Worcester, Mass.
See adv index at end of book
Parker Wire Goods Co. (Wire), Worcester, Mass.
Townsend Co., New Brighton, Pa.
Wilcox, Crittendon & Co., Middletown, Conn.

6305— Hooks (Back Band)

American Mfg. Co. ("Boss," "Sure Grip" & "H & A"), Chattanooga, Tenn.
North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.
Stanley Wks., New Britain, Conn.
See adv index at end of book

Hooks (Bale & Box)

See Hooks, Cotton, Box, etc

6306— Hooks (Barrel)

Auer Jno Jr. (Wrought, Barrel, or Can), 197 Middleton, Brooklyn, N. Y.
Morgan Spring Co. ("Eclipse"), Worcester, Mass. *See adv index at end of book*
Wilcox, Crittenden & Co., Middletown, Conn.

Hooks (Belt)

See Belt Fasteners

6308— Hooks (Bench)

Buffum Tool Co. ("Swastika," Carpenters'), South Side, Louisiana, Mo.
Goodell-Pratt Co., Greenfield, Mass.
Jennings C. E. & Co., 71 Murray, New York
Millers Falls Co., 28 Warren, New York
Sargent & Company, New Haven, Conn.
Smith, Seymour & Son (Reversible & Screw Adjusting), Oakville, Conn.

6309— Hooks (Bill File)

Barbee Wire & Iron Works, 172 N Dearborn, Chicago, Ill.
Judd H. L. Co., 87 Chambers, New York
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Philadelphia Novelty Mfg. Co., 13th & Noble, Philadelphia, Pa.

6310— Hooks (Bird Cage)

Arcade Mfg. Co. (Swinging, etc), Freeport, Ill.
Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
Grey Iron Casting Co., Mt. Joy, Pa.
Hamblin & Russell Mfg. Co., Worcester, Mass.
HENDRYX ANDREW B. CO., New Haven Conn. *See adv index at end of book*
Judd H. L. Co., 87 Chambers, New York
Landers, Frary & Clark, New Britain, Conn.
Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Parker Wire Goods Co. ("Worcester" Adjustable), Worcester, Mass.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Pratt Wm. Mfg. Co., 35 W Lake, Chicago, Ill.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Stover Mfg. Co. ("Ideal"), Freeport, Ill.
Turner & Seymour Mfg. Co., Torrington, Conn.
Williamson C. T. Wire Novelty Co., Badger av, Newark, N. J.
Wire Goods Co., Worcester, Mass.
Wrightsville Hardware Co., Wrightsville, Pa.

6311— Hooks (Block Yacht)

Laughlin Thos. Co., Portland, Me.
Marine Hardware-Equipment Co. ("Acme" & "Wheco"), South Portland, Me.
Merriman Bros., 185 Amory, Boston, Mass.

6312—Hooks (Boat & Mooring)

Durkee Chas. D. & Co. ("Jacobi"), 2 South, New York
Force Chas C. & Son, Madison, N. J.
Laughlin Thos. Co., Portland, Me.
Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.
Marine Hardware Co., Peabody, Mass.
New York Boat Oar Co., 69 West, New York
Shelton Water Co., Derby, Conn.
Wilcox, Crittenden & Co., Middletown, Conn.

Hooks (Box)

See Hooks, Cotton, Box, Hay, etc

6313— Hooks (Bush)

American Axe & Tool Co. (Strapped Eye, etc), Glassport, Pa.
Black John B Co. ("Wm. Beatty & Sons" Ax-Handle, One & Two Rings), Chester, Pa.
Bradley G. W. Axe & Tool Mfg. Co., Newburgh, N. Y.
Collins Co., Collinsville, Conn.
Dunn Edge Tool Co. ("Champion"), Oakland, Me.
Evansville Tool Works, Evansville, Ind.
Iwan Bros., Streator, Ill.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Peck, Stow & Wilcox Co., Southington, Conn.
Plumb Fayette R., Tucker & James, Phila., Pa.
Wadsworth David & Son, Auburn, N. Y.

Hooks (Button)

See Buttoners, Glove & Shoe

6314— Hooks (Cabin Door)

Corbin Cabinet Lock Co., New Britain, Conn.
Dent Hardware Co., Fullerton, Pa.
Durkee Chas. & Co., 2 South, New York
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Kell Francis & Son, 401 E 163d, New York
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Tiebout W. & J., 118 Chambers, New York

6314a—*Hooks (Cargo, Safety)

GERDES & CO., 42 Church, New York
See adv index at end of book

6315— Hooks (Carrying)

Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.
Columbus Handle & Tool Co., Columbus, Ind.
Dicke Tool Co., Downers Grove, Ill.
Klein Maehias & Sons, 562 W Van Buren, Chicago, Ill.
Ransome-Leach Co., 115 B'way, New York

6316—Hooks (Ceiling & Chandelier)

Arcade Mfg. Co. ("Arcadian" Bronze), Freeport, Ill.
Atlas Mfg. Co. ("Bradley"), New Haven, Conn.
Champion Hardware Co. ("Champion" Ceiling), Geneva, O.
Dent Hardware Co., Fullerton, Pa.
Grey Iron Casting Co., Mt. Joy, Pa.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Jencks E. Mfg. Co. ("Eclipse," "Favorite"), Worcester, Mass.
Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Parker Wire Goods Co. ("King," "Queen," Wire), Worcester, Mass.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Shelby Spring Hinge Co. (Wire, Ceiling Only), Shelby, O.
Stover Mfg. Co., Freeport, Ill.
Susquehanna Casting Co., Wrightsville, Pa.
Taylor & Boggis Foundry Co., Cleveland, O.
Tiebout W. & J. (Brass & Bronze), 118 Chambers, New York
Turner & Stanton Co., Norwich, Conn.
Western Brass Mfg. Works (Brass & Bronze), Marshall blvd & W 21st, Chicago, Ill.
Williamson C. T. Wire Novelty Co. (Wire), Badger av, Newark, N. J.
Wire Goods Co., Worcester, Mass.
Wire Hardware Co., 6126 S La Salle, Chicago, Ill.
Wrightsville Hardware Co., Wrightsville, Pa.

6317—Hooks (Cellar Door Hinge)

Auer John Jr. (No Lead Into Cement), 197 Middleton, Brooklyn, N. Y.

6318— Hooks (Choker)

CLYDE IRON WORKS (For Log Skidding, etc), Duluth, Minn.
See adv index at end of book

6319— Hooks (Clam)

American Fork & Hoe Co., Cleveland, O.
Union Fork & Hoe Co., Columbus, O.

6320— Hooks (Clinker)

U. S. Wire Mat Co. ("U. S."), Decatur, Ill.

6321— Hooks (Clothes Line)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Franklin Brass Foundry Co. ("Perfection"), Reading, Pa.
Grey Iron Casting Co., Mt. Joy, Pa.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Jencks E. Mfg. Co., Worcester, Mass.
Landers, Frary & Clark, New Britain, Conn.
Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Parker Wire Goods Co., Worcester, Mass.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Susquehanna Casting Co., Wrightsville, Pa.
Swett A. L. Iron Works, Medina, N. Y.
Tie Co. ("Holdfast" Tying Device), Unadilla, N. Y.
Wilcox Crittenden & Co., Middletown, Conn.
Wire Goods Co., Worcester, Mass.
Wrightsville Hardware Co., Wrightsville, Pa.

6322—Hooks (Coat & Hat, Cast)

American Ring Co., Waterbury, Conn.
Arcade Mfg. Co., Freeport, Ill.
Backus Novelty Co. (Combination Lock), Smethport, Pa.
Brainerd Mfg. Co., East Rochester, N. Y.
Brass Goods Mfg. Co., 533 Union, Brooklyn, N. Y.
Brey & Krause Mfg. Co., Allentown, Pa.
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Central Specialty Mfg. Co., 508 S Peoria, Chicago, Ill.
Champion Hardware Co., Geneva, O
Columbus Brass Co., 538 Dublin av, Columbus, O.
See adv index at end of book
Corbin P. & F., New Britain, Conn.
Dent Hardware Co., Fullerton, Pa.
Enterprise Hardware Mfg. Co., Frederick, Md.
Erie Art Metal Co., Erie, Pa.
Frantz Mfg. Co., Sterling, Ill.
Grey Iron Casting Co., Mt. Joy, Pa.
Hardware Supply Co., Grand Rapids, Mich.
Landers, Frary & Clark, New Britain, Conn.
McKenna Brass & Mfg. Co. (Inc.), (Cast Brass), 1st av & Ross, Pittsburgh, Pa.
Newman Mfg. Co., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill. *See adv index at end of book*
Nicol & Co., 218 N Jefferson, Chicago, Ill.
Niles Mfg. Co., 216 S Jefferson, Chicago, Ill.
Novelty Mfg. Co., Waterbury, Conn.
Pacific Hardware Mfg. Co., Los Angeles, Cal.
Payson Mfg. Co., 2918 W Jackson blvd, Chicago, Ill.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Phoenix Lock Works, 3d av, Newark, N. J.
Reading Hardware Co., Reading, Pa.
Reed & Prince Mfg. Co. (Cast Bronze & Brass), Worcester, Mass.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Searls Mfg. Co. ("Palette"), 29 Mulberry, Newark, N. J.
Shelby Spring Hinge Co. (& Wire), Shelby, Ohio
Stover Mfg. Co., Freeport, Ill.
Susquehanna Casting Co., Wrightsville, Pa.
Taylor & Boggis Foundry Co., Cleveland, Ohio
Tiebout W. & J., 118 Chambers, New York
Weber-Knapp & Son Co. (Brass), Jamestown, N. Y.
Western Brass Mfg. Works (Brass & Bronze), Marshall blvd & W 21st, Chicago, Ill.
Wilcox, Crittenden & Co. (Galvanized Iron or Brass), Middletown, Conn.
Williams A. C. Co., Ravenna, O.
Wire Hardware Co., 6126 S La Salle, Chicago, Ill.
Wrightsville Hardware Co., Wrightsville, Pa.
Yale & Towne Mfg. Co., 9 E 40th, New York

6323—Hooks (Coat & Hat, Wire)

Atlas Mfg. Co. ("Bradley," Metal Clasps), New Haven. Conn.
Brainerd Mfg. Co., East Rochester, N. Y.
Champion Hardware Co., Geneva, O.
Columbus Brass Co., Columbus, O.
See adv index at end of book
Hamblin & Russell Mfg. Co., Worcester, Mass.
Jencks E. Mfg. Co. ("Crescent" & "Invisible"), Worcester, Mass.
Morgan Spring Co. ("Eclipse," "King," "Vulcan"), Worcester, Mass.
See adv index at end of book
National Screw & Tack Co., Cleveland, O.
Niles Mfg. Co., 216 S Jefferson, Chicago, Ill.
Parker Wire Goods Co. ("King," "Vulcan"), Worcester, Mass.
Sharon Hardware Mfg. Co., Sharon, Pa.
Shelby Spring Hinge Co., Shelby, O.
Wire Goods Co. (Brass & Steel), Worcester, Mass.
Wire Hardware Co., 6126 S La Salle, Chicago, Ill.
Williamson C. T. Wire Novelty Co., Badger av, Newark, N. J.

6324—Hooks (Coke Scraper)

Mineral Ridge Mfg. Co., Mineral Ridge, O.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

6325—Hooks (Conductor Pipe)

Auer John Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.
Berger Bros. Co., 229 Arch, Phila., Pa.
Berger L. D. Co., 59 N 2d, Phila, Pa.
Berger Mfg. Co., Canton, O.
Delphos Mfg. Co. ("Clincher"), 1st & Pierce, Delphos, O.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Iwan Bros., South Bend, Ind.
Klauer Mfg. Co. ("Fautless"), Dubuque, Ia.
Merchant & Evans Co., 2035 Washington av, Phila., Pa.
See adv index at end of book
Milwaukee Corrugating Co. ("Direct Drive"), Milwaukee, Wis.
New Orleans Roofing & Metal Co., Cortes & Orleans, New Orleans, La.
Ohio Corrugating Co., Warren, O.
Reeves Mfg. Co., Dover, O.
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
Vaughan & Bushnell Mfg. Co. ("V. & B" Drop Forged), 2114 Carroll av, Chicago, Ill.
Whitaker-Glessner Co., Wheeling, W. Va.

6326— Hooks (Coring)

Emrich Phil, 824 Main, Cincinnati, O.

6327— Hooks (Corn)

See also Knives, Corn

American Axe & Tool Co., Glassport, Pa.
American Fork & Hoe Co. ("Cut Easy," "Yankee," "Acme"), Cleveland, O.
Clyde Cutlery Co., Clyde, O.
Earle H. S. Mfg. Co., Detroit, Mich.
Goodell Co. (Adjustable), Antrim, N. H.
National Mfg. & Steel Supply Co., 781 Summit, Newark, N. J.
North Wayne Tool Co. ("C. C. Brooks'"), Hallowell, Me.
Wallingford Mfg. Co. ("Barden's 20th Century," "Carver's," "Handy," "Cyclone"), Wallingford, Vt.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.

6328— Hooks (Corner Bind)

American Logging Tool Co., Evart, Mich.

6329— Hooks (Cornice)

Auer John Jr. (Wrought Japanned), 197 Middleton, Brooklyn, N. Y.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Jencks E. Mfg. Co. (Bright Wire Hooks & Eyes), Worcester, Mass.
Landers, Frary & Clark (Hooks & Eyes), New Britain, Conn.
Morgan Spring Co. (Hooks & Eye), Worcester, Mass.
See adv index at end of book
Parker Wire Goods Co. (Bright Wire), Worcester, Mass.

6330—Hooks (Cotton, Box, Hay, Etc.)

Bagshaw & Field, 455 N 5th, Phila., Pa.
Bradley G. W. Axe & Tool Mfg. Co., Newburgh, N. Y.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Carver Tool Works, Spring Valley, N. Y.
Drew C. & Co., Kingston, Mass.
Duffy Mfg. Co. (Box only), 214 W Grand av, Chicago, Ill.
Eagle Tool Works, Bayonne, N. J.
French H. P. Co. (Inc.), 320 B'way, New York *See adv index at end of book*
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Kraeuter & Co., 583 18th av, Newark, N. J.
Landers, Frary & Clark, New Britain, Conn.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Morgan Spring Co. (Bale), Worcester, Mass. *See adv index at end of book*
Mostberger Iron Co., 878 S Division, Buffalo, N. Y.
New London Vise Works (Bale, Box, Can, Barrel, etc), New London, Conn.
Osborne C. S. & Co., Harrison, N. J.
Peck, Stow & Wilcox Co., Southington, Conn.
Sargent & Co. ("New Orleans" Pattern "Whitney," Cotton, etc), New Haven, Conn.
Sayre L. A. Co., 832 Mulberry, Newark, N. J.
Stortz John & Son, 210 Vine, Phila., Pa.
Underhill Hardware Co., Somerville, Mass.
Union Metal Goods Co. (Box & Latch), Pawtucket, R. I.
Vaughan & Bushnell Mfg. Co. ("V. & B." Wood or Steel Handle), 2114 Carroll av, Chicago, Ill.
Watson's Forge & Machine Works ("Butler's), 553 W 35th, New York
Wilcox, Crittenden & Co., Middletown, Conn.
Zering H. Mfg. Co., Cincinnati, O.

Hooks (Crane)

See Hooks, Hoist

6331—Hooks (Crate & Basket)

Holland Mfg. Co., Central av & Bank, Baltimore, Md.
Morgan Spring Co. ("Eclipse"), Worcester, Mass. *See adv index at end of book*

6331a— Hooks (Crochet)

Estes E. B. & Sons, 364 Fifth av, New York *See adv index at end of book*

Hooks (Croquet)

See Croquet Sets

6332— Hooks (Desk)

Eagle Lock Co., Terryville, Conn.
Keystone Friction Hinge Co., Williamsport, Pa.

6333— Hooks (Drapery)

Turner & Seymour Mfg. Co., Torrington, Conn.

Hooks (Draymans')

See Hooks, Cotton, Box, Hay, etc.

6334— Hooks (Drive)

Grabler Mfg. Co., Cleveland, O.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book

6335— Hooks (Fire Pail)

Jencks E. Mfg. Co., Worcester, Mass.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Reading Hardware Co., Reading, Pa.
Stanley Wks., New Britain, Conn.
See adv index at end of book

6336— Hooks (Fish)

Abbey & Imbrie, 15 Warren, New York
Bings Weedless Fish Hook Co., 84 Loan & Truck, Milwaukee, Wis.
Enterprise Mfg. Co. ("Pflueger"), Akron, Ohio
Lothrop L. D. & Son ("Arthur James" Imported), Gloucester, Mass.
Pardon Fish Hook Co., Owensboro, Ky.
Shakespeare Co., Kalamazoo, Mich.

6337— Hooks (Floor)

Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
MYERS F. E. & BRO., 800 Orange, Ashland, O.
See adv index at end of book
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

6338— Hooks (Gaff)

Bonafide Mfg. Co., Plymouth, Mich.
Meisselbach A. F. & Bros. ("Harrimac," "Good Luck," "M. & B."), 29 Congress, Newark, N. J.
Redifor Rod & Reel Co. ("Ideal"), Warren, O.

Hooks (Gate)

See Hooks & Eyes, Gate.

6339— Hooks (Grab)

American Chain Co., Bridgeport, Conn.
American Hoist & Derrick Co. (Forged Steel), St. Paul, Minn.
American Logging Tool Co., Evart, Mich.
Brunner & Lay (Hoisting & Stone Setters' Grabs), 570 W Polk, Chicago, Ill.
Buffalo Hoist & Derrick Co., 131 Erie, Buffalo, N. Y.
See adv index at end of book
Byers Jno F. Machine Co. (and Chain), 242 S Sycamore, Ravenna, O.
See adv index at end of book
Channon Jas H. Mfg. Co. (Steel Hooks & Chains), 227 W Erie, Chicago, Ill.
Dobbie Foundry & Machine Co., Niagara Falls, N. Y.
Hayden-Corbett Chain Co. (For Log Chains, etc), Columbus, O.
See adv index at end of book
Lucey Manufacturing Corp., 233 B'way, New York
For branch offices see Alphabetical Section
Sasgen Derrick Co. ("Sasgen" Stone Grabs & Chain), 3101 W. Grand av, Chicago, Ill.
See adv index at end of book
Scranton Forging Co., Scranton, Pa.
Street J. D. & Co. ("Her-K-ules" Flexible Safety), 809 N 2nd, St. Louis, Mo.
Terry & Trench Co., Inc (Hook & Chain), 70 E 45th, New York
Wallingford Mfg. Co. ("Borden's"), Wallingford, Vt.
Weimer Chain & Iron Co., Lebanon, Pa.
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.
See adv index at end of book

6340—Hooks (Grape Grubbing)

Munnsville Plow Co., Munnsville, N. Y.

6341— Hooks (Grapple)

American Logging Tool Co., Evart, Mich.
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J. *See adv index at end of book*
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Ransom-Leach Co., 115 B'way, New York
Warren Axe & Tool Co., Warren, Pa.

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31 South Clinton Street, Chicago, Ill.

General Offices:
31 Richards Street, Brooklyn, N. Y.

6342— Hooks (Grass)

American Axe & Tool Co., Glassport, Pa., & 253 B'way, New York
Atkins E. C. & Co., Indianapolis, Ind.
Bradley G. W. Axe & Tool Mfg. Co., Newburgh, N. Y.
Columbian Cutlery Co., Reading, Pa.
Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y. *See adv index at end of book*
Dunn Edge Tool Co. ("Blue Ribbon," "Gypsy"), Oakland, Me.
Earle H. S. Mfg. Co. ("Little Giant"), Detroit, Mich.
Henry & Allen, Auburn, N. Y.
Knickerbocker Mfg. Co. ("American," "New York"), Belleville, N. J.
North Wayne Tool Co. ("H. S. Earle's Little Giant"), Hallowell, Me.
Wadsworth David & Son, Auburn, N. Y.
Wallingford Mfg. Co. ("Barden's," "Ideal," "Gem"), Wallingford, Vt.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.

6343— Hooks (Hame)

Hager C. & Sons Hinge Mfg. Co. (Wrought Steel, Single & Double), St. Louis, Mo.

6344— Hooks (Hammock)

Arcade Mfg. Co. (Hand Forged), Freeport, Ill.
Brewer Bros. Co. (Wrought Iron), 614 Filbert, Phila., Pa.
Brooks M. S. & Sons (Wrought), Chester, Conn.
Cleveland Galvanizing Works Co., 3904 Cooper av, Cleveland, O.
Corbin P. & F., New Britain, Conn.
Grey Iron Casting Co., Mt. Joy, Pa.
Jencks E. Mfg. Co. (Wrought), Worcester, Mass.
Keystone Drop Forge Works (Drop Forged), Chester, Pa.
Landers, Frary & Clark, New Britain, Conn.
Morgan Spring Co. (Plate & Screw), Worcester, Mass. *See adv index at end of book*
Palmer I. E. Co. (Adj.), Middletown, Conn.
Parker Wire Goods Co. (Wrought), Worcester, Mass.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Tie Co. ("Holdfast" Tying Device), Unadilla, N. Y.
Wilcox, Crittenden & Co., Middletown, Conn.
Wire Goods Co. (Wrought), Worcester, Mass.
Wire Hardware Co., 6126 S La Salle, Chicago, Ill.

6345— Hooks (Hanging)

Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

6346— Hooks (Harness)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Arcade Mfg. Co. (Japanned), Freeport, Ill.
Brooks M. S. & Sons, Chester, Conn.
Columbus-McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Covert Mfg. Co., Troy, N. Y.
Frantz Mfg. Co., Sterling, Ill.
Frazer & Jones Co., Syracuse, N. Y.
Grey Iron Casting Co., Mt. Joy, Pa.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Imperial Bit & Snap Co. ("Imperial," "Swan's," etc), Racine, Wis.
Jenks E. Mfg. Co. (Steel Mill), Worcester, Mass.
Kramer Bros. Foundry Co., Dayton, O.
Lawrence Bros. (Wrought Steel), Sterling, Ill.
Loetscher-Ryan Mfg. Co., Dubuque, Ia.
Morgan Spring Co. ("Imperial"), Worcester, Mass. *See adv index at end of book*
Ney Mfg. Co., Canton, O.
North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.
Oliver Iron & Steel Co. (Hame Hooks), S 10th & Muriel, Pittsburgh, Pa.
Parker Wire Goods Co., Worcester, Mass.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Pratt Wm. E. Mfg. Co. (Pratt's Handy"), 35 W Lake, Chicago, Ill.
Reading Hardware Co., Reading, Pa.
Rockford Steel Fixture Co., Rockford, Ill.
Rubber & Celluloid Harness Trimming Co. ("Albright"), 56 Ferry, Newark, N. J.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Sharon Hdw. Mfg. Co. (All Steel Folding), Sharon, Pa.
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill. *See adv index at end of book*
Susquehanna Casting Co., Wrightsville, Pa.
Swett A. L. Iron Works, Medina, N. Y.
Weller Hdw. & Fdry. Co., Horseheads, N. Y.
Wire Goods Co. (Wire), Worcester, Mass.
Wrightsville Hardware Co., Wrightsville, Pa.

6347— Hooks (Hitching)

Brewer Bros. Co. (Wrought Iron), 614 Filbert, Phila., Pa.
Steward & Romaine Mfg. Co. (Wrought Iron), 124 N 6th, Phila., Pa.

6348— Hooks (Hog)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

6349— Hooks (Hoist)

American Forge & Mach. Co., Canton, O.
Allegheny Forging Co., 1st National Bank bldg., Pittsburgh, Pa.
American Chain Co., Bridgeport, Conn.
Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.
Cleveland City Forge & Iron Co. (Drop Forged), Cleveland, O.
Dobbie Foundry & Machine Co., Niagara Falls, N. Y.
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J. *See adv index at end of book*
Gerdes & Co., 42 Church, New York *See adv index at end of book*
Keystone Drop Forge Works (Drop Forged), Chester, Pa.
Ladish Drop Forge Co., Cudahy, Wis.
Western Tool & Forge Co. (With Eye & Shank), Brackenridge, Pa.
Williams J. H. & Co. (Drop Forged) "Vulcan" Weldless), 31 Richards, Brooklyn, N. Y.

6350— Hooks (Hoof)

Osborne C. S. & Co., Harrison, N. J.

6351— Hooks (Husking)

Boss Mfg. Co., Kewanee, Ill.
Clark R. F. ("Clark"), (Huskers Only), 54 W Lake, Chicago, Ill.

6352— Hooks (Ice)

Amer Fork & Hoe Co. (Steel), Cleveland, Ohio
Columbus Handle & Tool Co., Columbus, Ind.
Gifford-Wood Co., Hudson, N. Y.
Gruman Ice Tool Works, Branchville, Conn.
Stortz John & Son, 210 Vine, Phila., Pa.

6353— Hooks (Insulated)

Bissell F. Co. ("Security"), Toledo, O.
Brooks M. S. & Sons, Chester, Conn.
Cutter Geo. Co., South Bend, Ind.
DIAMOND EXPANSION BOLT CO. ("D-X," Bridle Rings), 89 West, New York *See adv index at end of book*
Line Material Co., So. Milwaukee, Wis.
Pettingell-Andrews Co. ("O'Neil"), 166 Pearl, Boston, Mass.

Hooks (Jack)

See Hooks, Screw, Cup, etc

6354— Hooks (Ladder)

Auer John Jr. (Wrought Steel, also Step Ladder), 197 Middleton, Brooklyn, N. Y.
Brewer Bros Co. (Wrought Iron), 614 Filbert, Phila., Pa.

HOOKS (LADDER)—continued

Moulton C. W. H. Co., Somerville, Mass.
Taplin Mfg. Co., New Britain, Conn.
Tilley John S. Ladders Co., Watervliet, N. Y.
Underhill Hardware Co. (Adjustable), Somerville, Mass.

6355— Hooks (Lamp)

See Hooks, Ceiling & Chandelier

Hooks (Lift)

See Lifts, Sash

6356— Hooks (Lime)

Emrich Phil (Galv. Steel Wire), 824 Main, Cincinnati, O.

6357—*Hooks (Log Loading)

CLYDE IRON WORKS ("Crown"), Duluth, Minn. *See adv index at end of book*

6358—Hooks (Lug, Chain, Etc.)

See also Hooks, Lumbermen's

American Logging Tool Co., Evart, Mich.
Ransome-Leach (Or Timber Carriers), 115 B'way, New York.
Warren Axe & Tool Co., Warren, Pa.

6359—Hooks (Lumbermen's)

American Chain Co., Bridgeport, Conn.
American Logging Tool Co., Evart, Mich.
Channon Jas. H. Mfg. Co. (Carrying), 227 W Erie, Chicago, Ill.
Lufkin Foundry & Machine Co. ("Martin," Log Loading), Lufkin, Texas
Ransome-Leach Co. (Lug, Grappling, Swamp, etc.), 115 B'way, New York
Sasgen Derrick Co. (Grappling or Log Hooks), 3101 W. Grand av, Chicago, Ill. *See adv index at end of book*
Warren Axe & Tool Co. (Lug, Grapple, Swamp, etc), Warren Pa.

6360— Hooks (Meat)

Auer John Jr., 197 Middleton, Brooklyn, N. Y.
Brecht Co., 1201 Cass av, St. Louis, Mo.
Brewer Bros. Co. (Wrought), 614 Filbert, Phila., Pa.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Duffy Mfg. Co., 214 W Grand av, Chicago, Ill.
Enterprise Mfg. Co. of Pa. (Detachable), 3d & Dauphin, Phila., Pa.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Jencks E. Mfg. Co. (Wrought), Worcester, Mass.
Landers, Frary & Clark, New Britain, Conn.
Morgan Spring Co., Worcester, Mass. *See adv index at end of book*
Nat'l Refrigerator & Fixture Co. (also Racks), 8th & Park, St. Louis, Mo.
Parker Wire Goods Co. (Wrought Drive & Screw), Worcester, Mass.
Pittsburg Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
Sargent & Co., New Haven, Conn.
Underhill Hardware Co., Somerville, Mass.
Vaughan & Bushnell Mfg. Co. ("V. & B." Steel), 2114 Carroll av, Chicago, Ill.
Wire Goods Co. (Wrought), Worcester, Mass.

6361— Hooks (Mine Car)

Weimer Chain & Iron Co., Lebanon, Pa.

Hooks (Moulding)

See Hooks, Picture

6362— Hooks (Mud)

Gemco Mfg. Co. ("Emergency" for Pneumatic Auto Tires), Milwaukee, Wis.

6363— Hooks (Packing)

Eagle Tool Works, Bayonne, N. J.
Mound Tool Co., 1203 S 7th St. Louis, Mo.
STRONG MACHINERY & SUPPLY CO. ("Strong's" Lightning & Improved Old Style), 21 Walker, New York *See adv index at end of book*

Hooks (Pail)

See Hooks, Fire Pail

6364— Hooks (Picture)

American Ring Co., Waterbury, Conn.
Auer John Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.
Brainerd Mfg. Co., East Rochester, N. Y.
Brewer Bros. Co. (Wrought Iron), 614 Filbert, Phila., Pa.
Brooks M. S. & Sons (Also Brass Tassel Hooks, etc), Chester, Conn.
Buffalo-Dehn Co. ("Anchor"), 70 W Chippewa, Buffalo, N. Y.
Forsyth Metal Goods Co. ("Uncle Sam," "Beauty," "Big Giant," "Orient"), E Aurora, N. Y.
Goertz August & Co. ("Handihook"), 276 Morris av, Newark, N. J.
Hampden Mfg. Co. ("Hampden Hang-Ons" & "Hang-Ups"), 108 Fulton, New York
HENDRYX ANDREW B. CO., New Haven, Conn. *See adv index at end of book*
Jencks E. Mfg. Co., Worcester, Mass.
Judd H. L. Co., 87 Chambers, New York
Morgan Spring Co., Worcester, Mass. *See adv index at end of book*
Novelty Mfg. Co., Waterbury, Conn.
Parker Wire Goods Co. ("Franklin" Solid Brass, etc), Worcester, Mass.
Richards Benj. & Co., Winsted, Conn.
Turner & Seymour Mfg. Co., Torrington, Conn.
Turner & Stanton Co. (Brass & Steel), Norwich, Conn.
Williamson C. T. Wire Novelty Co., Badger av, Newark, N. J.
Wire Goods Co. (Brass, etc.), Worcester, Mass.

6365— Hooks (Pipe)

See also Hangers, Pipe

Auer Jno Jr. (Wrought Drive for Gas or Soil Pipe), 197 Middleton, Brooklyn, N. Y.
Berger Bros. Co., 229 Arch, Phila, Pa.
Brewer Bros. Co. (Wrought Iron), 614 Filbert, Phila., Pa.
Central Foundry Co., 90 West, New York
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Devlin Thos. Mfg. Co. ("Eclipse"), 3d & Lehigh av, Phila., Pa.
Fee & Mason, 81 Beekman, New York
General Fire Extinguisher Co., Providence, R. I.
Grabler Mfg. Co. (Steel), Cleveland, O.
Hammann Wm. ("O. K." Flashing), 1057 5th, Milwaukee, Wis.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Lange August K., 606 E 15th, New York
Lucey Manufacturing Corp., 233 B'way, New York
For branch offices see Alphabetical Section
Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.
Moore Joshua, Marseilles, Ill.
Mott J. L. Iron Works, Trenton, N. J.
Newbury Mfg. Co., Monroe, N. Y.
New England Bolt Co. (Pipe Hooks), Everett, Mass.
Reznor Mfg. Co., Mercer, Pa.
Sargent & Co., New Haven, Conn.
Walforth Mfg. Co., Boston, Mass.

6366— Hooks (Pivot)

Grey Iron Casting Co., Mt. Joy, Pa.

6367— Hooks (Plaster)

Berry Chas. E. ("Berry"), Somerville, Mass.

6368—Hooks (Plumbers' Pot)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

6369—Hooks (Pole, Fire Department)

Ransome-Leach Co., 115 B'way, New York

6370—Hooks (Potato, Manure, Etc.)

American Fork & Hoe Co. ("True Temper"), Cleveland, O.
Kohler F. E. Co. (Potato), Canton, O.
Union Fork & Hoe Co., Columbus, O.

6371— Hooks (Pulley)

MYERS F. E. & BRO., 800 Orange, Ashland, O. *See adv index at end of book*

6372— Hooks (Razor Strop)

Cassady, Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Morgan Spring Co., Worcester, Mass. *See adv index at end of book*
Peck C. A. Hardware Co. ("Presto"), Berlin, Wis.
Res Mfg. Co., 2907 Meinecke av, Milwaukee, Wis.
Russell & Erwin Mfg. Co. ("Russwin"), New Britain, Conn.

6373—Hooks (Releasing, Life Boat)

Gerdes & Co., 42 Church St., New York *See adv index at end of book*
Kahnweiler's David Sons ("Wicks"), 260 Front, New York
Steward Davit & Equipment Corp., 17 Battery pl., New York

6374—Hooks ("S" or "Eight")

Auer John Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.
Brewer Bros. Co. (Wrought Iron), 614 Filbert, Phila., Pa.
Bridgeport Chain Co., Bridgeport, Conn.
Brooks M. S. & Sons (Iron or Brass Wire), Chester, Conn.
Cleveland Galvanizing Works Co., 3924 Cooper, Cleveland, O.
Grammes L. F. & Sons, Allentown, Pa. *See adv index at end of book*
Hager C. & Sons Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Jencks E. Mfg. Co. (Brass & Bright Wire) Worcester, Mass.
Morgan Spring Co. ("Eclipse"), Worcester, Mass. *See adv index at end of book*
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Oneida Chain Co., Oneida, N. Y.
Parker Wire Goods Co. (Wire & Wrought) Worcester, Mass.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Smith F. E. Metal Window Hardware Co., 81 Clay, Newark, N. J.
Smith & Egge Mfg. Co., Bridgeport, Conn.
Turner & Seymour Mfg. Co., Torrington, Conn.
Wilcox, Crittenden & Co., Middletown, Conn.
Wire Goods Co., Worcester, Mass.

6375—Hooks (Safety, for Mine Cages)

Wellman-Seaver-Morgan Co., Cleveland, O.

6376—Hooks (Sash Curtain Rod)

Jencks E. Mfg. Co. (Brass Plated, etc), Worcester, Mass.
Parker Wire Goods Co. (Brass Plated Wire), Worcester, Mass.

6377— Hooks (Sash Pull)

Ives H. B. Co., New Haven, Conn.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.

Hooks (School House)

See Hooks, Coat & Hat

6378—Hooks (Screw, Cup, Etc.)

Brewer Bros. Co (Wrought Iron), 614 Filbert, Phila., Pa.
Brooks M. S. & Sons (Iron & Brass Wire), Chester, Conn.
Etna Forge & Bolt Co., 808 House bldg, Pittsburgh, Pa.
Grey Iron Casting Co., Mt. Joy, Pa.
Hager C. & Sons Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Hindley Mfg. Co. (Brass & Bright Wire), Valley Falls, N. Y.
Jencks E. Mfg. Co. (Brass & Bright Wire, Open Screw, Strap & Hook & Single & Double Jointed), Worcester, Mass.
Landers, Frary & Clark, New Britain, Conn.
Lawrence Bros. (Wrought Steel), Sterling, Ill.
Morgan Spring Co., Worcester, Mass. *See adv index at end of book*

Parker Wire Goods Co. (Bright Wire & Brass), Worcester, Mass.
Pittsburgh Knife & Forge Co. (Forged), 709 Belmont, Pittsburgh,Pa.
Richards Benj. & Co., Winsted, Conn.
Stanley Wks., New Britain, Conn.
See adv index at end of book
Turner & Seymour Mfg. Co., Torrington, Conn.
Turner & Stanton Co., Norwich, Conn.
Wilcox, Crittenden & Co., Middletown, Conn.
Williamson C. T. Wire Novelty Co. (Wire), Badger av, Newark, N. J.
Wire Goods Co. (Bright Wire & Brass Wire), Worcester, Mass.
Wire Hardware Co. (Bright & Brass), 6126 S La Salle, Chicago, Ill.

6379— Hooks (Seat Spring)

American Mfg. Co. (Wagon), Chattanooga, Tenn.
Harvey Spring & Forging Co., Racine, Wis.

6380—Hooks (Shackle, Chain, Etc.)

Cleveland Block Co., 1173 W 11th, Cleveland, O.
Cleveland Chain & Mfg. Co., 2 A. B. C. R. R., Cleveland, O.
Columbus Anvil & Forging Co., Columbus, Ohio
Gerdes & Co. (Chain), 42 Church, New York. *See adv index at end of book*
Keystone Drop Forge Works ("Keystone," Safety), Chester, Pa.
Krein Chain Co., Wapakoneta, O.
McMillan's W. H. Sons, 153 South, New York
Weimer Chain & Iron Co., Lebanon, Pa.

6381— Hooks (Shave)

Bissell F. Co. ("Security"), Toledo, Ohio
Osborne C. S. & Co., Harrison, N. J.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.

Hooks (Shoe & Glove)

See Buttoners, Shoe & Glove

6382— Hooks (Sign)

Auer John Jr. (Wrought Sign or Jam), 197 Middleton, Brooklyn, N. Y.
Brewer Bros. Co. (Wrought Iron), 614 Filbert, Phila., Pa.
Hager C. & Sons Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.

Hooks (Singletree)

See Hooks, Whiffletree

6383— Hooks (Slip)

Weimer Chain & Iron Co., Lebanon, Pa.

6384— Hooks (Snap)

Draper & Hall Co. ("Hayes" Lock), Middletown, Conn.
East Bangor Mfg. Co., Bangor, Pa.
Hayward S. F. & Co. (Fire Dept.), 250 W 54th, New York
Wilson Robert P. (Double Ball-Bearing), 320 Market, Newark, N. J.

6385— Hooks (Stable Door)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Peters Jas. & Son (Wrought Iron), 1934 N Front, Phila., Pa.

6386— Hooks (Stay Chain)

American Chain Co., Bridgeport, Conn.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

6387— Hooks (Stone Hoist)

Weimer Chain & Iron Co., Lebanon, Pa.

6388— Hooks (Strap)

Jencks E. Mfg. Co., Worcester, Mass.
Parker Wire Goods Co. (Single & Double Jointed & Screw, etc, Wire), Worcester, Mass.

6389— Hooks (Swamp)

American Logging Tool Co., Evart, Mich.

6390— Hooks (Sweat Pad)

Thomson Judson L. Mfg. Co., Waltham, Mass.

6391— Hooks (Switch)

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.

6392— Hooks (Swivel)

American Logging Tool Co. (Evener), Evart, Mich.
Ransome-Leach Co. (Hooks & Rings), 115 B'way, New York
Weimer Chain & Iron Co., Lebanon, Pa.
Wilcox, Crittenden & Co. (Drop Forged), Middletown, Conn.

6393— Hooks ("T")

Hager C. & Sons Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.
Jencks E. Mfg. Co., Worcester, Mass.
Parker Wire Goods Co. (Plain & Bend Wire), Worcester, Mass.

6394— Hooks (Tag)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Morgan Spring Co. ("Eclipse"), Worcester, Mass. *See adv index at end of book*

6395—Hooks (Tanners' Vat)

Emrich Phil, 824 Main, Cincinnati, O.

Hooks (Tassel)

See Hooks, Picture

6396—Hooks (Telephone Hanger)

Morgan Spring Co. ("Eclipse"), Worcester, Mass. *See adv index at end of book*

6397— Hooks (Tower)

Dent Hardware Co., Fullerton, Pa.

6398— Hooks (Towing)

Chase Machine Co. (Releasing), Cleveland, O.

6399—Hooks (Tubing or Casing)

Oil Well Supply Co. (Oil & Gas Well), 215 Water, Pittsburgh, Pa.
Union Tool Co. (For Oil or Gas Wells), Los Angeles, Cal.

6400— Hooks (Tug)

Frazer & Jones Co., Syracuse, N. Y.
North & Judd Mfg. Co. ("Hercules," etc), New Britain, Conn.

6401— Hooks (Wall)

Hampden Mfg. Co. ("Hang-Up"), 108 Fulton, New York

6402— Hooks (Wardrobe)

See Hooks, Coat & Hat Cast, Also Hooks, Coat & Hat Wire

6403— Hooks (Weeding)

See also Weeders, Garden & Lawn

Arcade Mfg. Co., Freeport, Ill.
Hanow Spring Co., Milwaukee, Wis.
Hills Edwin, Plainville, Conn.
Kohler F. E. Co., Canton, O.
Potter Mfg. Co. ("Secor's" Five Prong "Roys" Diamond Pattern), Geneva, O.
Reading Saddle & Mfg. Co. (Malleable Iron, Enameled Handle), Reading, Pa.
Rocky Hill Hardware Co., Rocky Hill, Conn.

6404— Hooks (Whiffletree)

Giblin & Co. ("Premium"), Utica, N. Y.
Harvey Spring & Forging Co., Racine, Wis.
Keystone Forging Co. (Drop Forged), Northumberland, Pa.
Paul & Fulton, 31 W Kinzie, Chicago, Ill.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Racine General Mfg. Co., Racine, Wis.

6405—Hooks (Window Pole)

Western Brass Mfg. Works (Brass & Bronze), Marshall blvd & W 21st, Chicago, Ill.

6406— Hooks (Wire)

Brooks M. S. & Sons (All Kinds, Brass & Iron), Chester, Conn.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Hamblin & Russell Mfg. Co., Worcester, Mass.
Jencks E. Mfg. Co., Worcester, Mass.
Merritt F. M. ("Merritt" Grape Basket), Penn Yan, N. Y.
Morgan Spring Co. ("Eclipse"), Worcester, Mass.
Parker Wire Goods Co., Worcester, Mass.
Wire Goods Co. ("Drive"), Worcester, Mass.

6407— Hooks (Wire Rope)

Fischer & Hayes Rope Co., 602 W Lake, Chicago, Ill. *See adv index at end of book*
MOON GEO. C. CO. ("Crescent"), Garwood, N. J. *See adv index at end of book*
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Williams J. H. & Co ("Vulcan" Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

6408— Hooks (Wrecking)

National Malleable Castings Co. ("Goodman"), 7706 Platt av, S. E., Cleveland, O.

6409—Hooks & Eyes (Brace)

Brewer Bros. Co. (Wrought Iron), 614 Filbert, Phila., Pa.

6410—Hooks & Eyes (Brass & Steel)

American Pin Co. ("Ampinco"), Waterbury, Conn.
Jencks E. Mfg. Co., Worcester, Mass.
Parker Wire Goods Co. (Bright Wire), Worcester, Mass.
Wire Goods Co., Worcester, Mass.

6411—Hooks & Eyes (Dress)

American Pin Co. ("Ampinco"), Waterbury, Conn.
Cassady Fairbank Mfg. Co. ("Ried"), 6126 S La Salle, Chicago, Ill.
De Long Hook & Eye Co., Broad & Wallace, Phila., Pa.
Francis Mfg. Co., Niagara Falls, N. Y.
Hughes Mfg. Co., Rome, N. Y.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Star Pin Co., Derby, Conn.
Sterling Pin Co., Derby, Conn.
U. S. A. Co., Shelton, Conn.
West Electric Hair Curler Co., Hancock & Columbia, Phila., Pa.

6412—Hooks & Eyes (Gate)

Brooks M. S. & Sons, Chester, Conn.
Buffum Tool Co. ("Swastika," Self-Locking), South Side, Louisiana, Mo.
Covert Mfg. Co., Troy, N. Y.
Covert Saddlery Works (Hooks & Staples), Interlaken, N. Y.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Jencks E. Mfg. Co. (Brass & Bright Wire, etc), Worcester, Mass.
Landers, Frary & Clark, New Britain, Conn.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
National Mfg. Co., Sterling, Ill.
Parker Wire Goods Co. (Bright & Brass Wire), Worcester, Mass.
Sargent & Co., New Haven, Conn.
Wagner Mfg. Co. (Bright Wire), Cedar Falls, Ia.
Wire Goods Co., Worcester, Mass.

6413—Hooks & Eyes (Tent)

Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Wilcox, Crittenden & Co. (Brass), Middletown, Conn.

6414—Hooks & Eyes (Wire)

Hamblin & Russell Mfg. Co., Worcester, Mass.
Jencks E. Mfg. Co. (Brass & Bright Wire), Worcester, Mass.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Parker Wire Goods Co. (Bright), Worcester, Mass.
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Sterling Pin Co., Derby, Conn.
Wagner Mfg. Co. (Bright), Cedar Falls, Iowa
Wire Goods Co. (Bright), Worcester, Mass.

6415—Hooks & Rings (Plate)

Wilcox, Crittenden & Co., Middletown, Conn.

6416—Hooks & Staples (Wrought Steel)

Landers, Frary & Clark, New Britain, Conn.
Lawrence Bros., Sterling, Ill.
McKinney Mfg. Co., Pittsburgh, Pa.
National Mfg. Co., Sterling, Ill.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

6417—Hooks & Tees (Chain)

New Castle Steel & Iron Co., Pittsburgh, Pa.

6418— Hoops (Coiled Elm)

Adams D. L., Portland, Ind.
American Cooperage Co., Helena, Ark.
Auglaize Cooperage & Lbr. Co., Minster, O.
Decatur Hoop & Lumber Co., Decatur, Mich.
Des Arc Hoop & Lumber Co., Des Arc, Ark.
Dyersburg Hoop Co., Dyersburg, Tenn.
Franklin Coil Hoop Co., Franklin, Ind.
Hampton Stock Farm Co., Glenwood, Mich.
Ideal Hoop Co., Ashtabula, O.
Marston Cooperage Co., Marston, Mo.
Michigan Hoop & Stave Co., Marinette, Wis.
Morrison W. E., Poplar Bluff, Mo.
Pelican Lumber Co. (Ltd.), Mound, La.
Rex Hoop, Stave & Heading Co., Helena, Ark.
Sheline E. R. & Son, Edon, O.
Smith M. C., Moorhead, Miss.
Standard Hoop Co., Bay City, Mich.
Struthers Cooperage Co., Romeo, Mich.
Tennessee Hoop Co., Memphis, Tenn.
Union City Hoop & Lumber Co., Union City, Ind.
Wylie & Wilson, Saginaw, Mich.

6418a—*Hoops (Embroidery)

Embroidery Hoop Co., Canton, O.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

6419— Hoops (Fish Net)

Smith G. W. & Son, Canterbury, Conn.

6420— Hoops (Mast)

Laughlin Thos. Co. (Galvanized Wrought Iron & Wood), Portland, Me.
McMillan's W. H. Sons, 153 South, New York
Moffitt J. D., Scotland, Conn.
New York Boat Oar Co., 69 West, New York

6420a— *Hoops (Rolling)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

6420b— *Hoops (Sieve)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

6421— Hoops (Slack Barrel)

Carnegie Steel Co. (Steel), Carnegie bldg, Pittsburgh, Pa.

6421a—*Hoops (Tambourine)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

6421b—*Hoops (Toy Rolling)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

6422— Hoops (Truss)

Cincinnati Truss Hoop Co. (Iron & Steel Barrel), 115 W 2d, Cincinnati, O.
Frelinger J. G. Iron Works, 115 W 2d, Cincinnati, O.
Nunning Frank & Son, 215 W 2d, Cincinnati, O.
Wabash Truss Hoop Co. ("Champion"), Mt. Carmel, Ill.

6423— Hoops (Tub, Iron)

Weed & Co. ("Ever Ready"), 416 Main, Buffalo, N. Y.

6424— Hoops (Wire)

American Mfg. Co., Chattanooga, Tenn.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
De Haven Mfg. Co. (Cold Rolled Steel), 50 Columbia Heights, Brooklyn, N. Y.

6425—Hoops & Bands (Welded Steel)

Electric Welding Co., Benedum Trees bldg, Pittsburgh, Pa.
Mott Wheel Works, Jackson, Mich.
STNADARD PARTS CO., Cleveland, O.
See adv index at end of book

6426—Hoppers (Ash, Cement & Coal)

American Bridge Co., 30 Church, New York
CHICAGO BRIDGE & IRON WORKS, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book
Columbiana Boiler Co., Columbiana, O.
DOVER BOILER WORKS, Sales Office; 50 Church, New York; Works: Dover, N. J. *See adv index at end of book*
Hammond Iron Wks., Warren, Pa.
See adv index at end of book
Kansas City Structural Steel Co. (Clement), Kansas City, Mo.
Leetonia Boiler Co., Leetonia, O.
Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila, Pa. *See adv index at end of book*
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Mitchell-Tappen Co., 15 John, New York
Munroe R. & Sons Mfg. Corp., 23d & Smallman, Pittsburgh, Pa.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book

6426a— *Hoppers (Car)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

6427— Hoppers (Clay)

Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.

6428— Hoppers (Closet)

Bellmark Co. (Porcelain), Trenton, N. J.
Camden Pottery Co. (Porcelain), Camden, N. J.
Indiana Hollow Ware Co. (Enameled), Jeffersonville, Ind.
Jones Hollow Ware Co. (Porcelain Enameled), Forrest & Madison, Baltimore, Md.
Kemp C. M. Mfg.Co. ("Climax" Anti Freezing), 405 E Oliver, Baltimore, Md.
Maddock's Thos. Sons (Porcelain & Vitreous China), Trenton, N. J.
N. J. China Pottery Co., Trenton, N. J.
Resolute Pottery Co. (Porcelain), Trenton, N. J.
Standard Mfg. Co. (Porcelain Enameled), 439 Water, Pittsburgh, Pa.
Trenton Potteries Co. (Porcelain), Trenton, N. J.
Wheeling Sanitary Mfg. Co. (Porcelain & Vitreous China), Wheeling, W. Va.

6428a— Hoppers (Floor)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

6429—Hoppers for Power Plants

Hamler Boiler & Tank Co., 2906 S Halsted, Chicago, Ill.
Leetonia Boiler Co., Leetonia, O.
Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P R Ry., Philadelphia, Pa.
See adv index at end of book
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Pollock Wm. B. Co. (Large Capacity), Youngstown, O.
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.

Hoppers (Grain)

See Hoppers, Loading

6430— Hoppers (Loading)

Barnard & Leas Mfg. Co. (On Trucks, for Grain, etc), Moline, Ill.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Insley Mfg. Co. (Portable & Controllable Car-Side for Sand & Gravel), 3500 E St. Clair, Indianapolis, Ind.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Philadelphia, Pa.
See adv index at end of book
Webster Mfg. Co., Tiffin, O.

6430a— *Hoppers (Receiving)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

6430b— *Hoppers (Switches)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

6430c—Hoppers (Tower Receiving)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

6431— Hoppers (Weighing)

Holmes Robt & Bros. (Coal), Danville, Ill.
Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P R Ry., Philadelphia, Pa.
See adv index at end of book
Pratt Engineering & Machine Co. (Dust), Atlanta, Ga.

6432—Hoppers & Bells (Furnace)

Marshall Foundry Co., Pittsburgh, Pa.
Weimer Machine Works Co., Lebanon, Pa.

6433— Horns (Automobile)

Adams-Bagnall Electric Co. ("A. B. Trumpet"), Cleveland, O.
American Electric Co. ("Samson" Automobile Motorcycle & Motorboat, Electric & Hand Operated), 6401 S State, Chicago, Ill.
Automobile Supply Mfg. Co. ("Newtone," "Rubes," "Electra," "Apollo," Electric), 80 B'way, Brooklyn, N. Y.
Barco Brass & Joint Co. (Exhaust), 212 W Illinois, Chicago, Ill.
Benjamin Electric Mfg. Co., 128 S Sangamon, Chicago, Ill.
See adv index at end of book
Duplex Electric Mfg. Co. ("Safeguard" Electric), 5125 Coral, Pittsburgh, Pa.
E. A. Laboratories (Mechanical), 80 Broadway, Chicago, Ill.
Electric Horn & Specialty Co. ("Oneida" Electric), Utica, N. Y.
Electric Spark Appliance Co. ("Olympic" Electric), 140 Imlay, Brooklyn, N. Y.

Fitzgerald Mfg. Co. ("Clero" Electric), Torrington, Conn.
Flanders Co. ("Flanders" Electric), Detroit, Mich.
Fowler Lamp & Mfg. Co. ("Fowler" All Metal Horn & Whistle Blower), 59 E 24th, Chicago, Ill.
Fulton Co. ("Aermore" Exhaust), 726 National av, Milwaukee, Wis.
Gabriel Mfg. Co., Cleveland, O.
Garford Mfg. Co. ("Rexo" Electric, Hand & Motor Horns, Elyria, O.
Hawthorne Mfg. Co. ("Hawthorne") Vibrator, Bridgeport, Conn.
Heinze Electric Co. (Mechanical), Lowell, Mass.
Hipwell Mfg. Co. (Electric), 831 W North av, Pittsburgh, Pa.
Interstate Mach. Prods. Co., Inc. (Fire), 56 Allen, Rochester, N. Y.
Kales-Haskel Co. ("Ka-Ha-Co."), 443 Lafayette av, Detroit, Mich.
Kent Atwater Mfg. Works ("Monoplex" Electric), 4937 Stenton, Phila., Pa.
Lovell-McConnell Mfg. Co. ("Klaxon"), 194 Wright, Newark, N. J.
Miller Chas. E. (Imp), 97 Reade, New York
Monarch Tool & Machinery Co. ("Monarch" Exhaust), 1901 S Western av, Chicago, Ill.
Motor Car Equip. Co., 19 W 62d, New York
Novelty Mfg. Co. ("Novelco"), Waterbury, Conn.
Oakes Co., The ("Beartone" Fan Horn), Indianapolis, Ind.
O'Brien Electrophone Co. ("Mogul" "Elektron" Electric), Howell, Me.
Piel G. Co. ("Long"), 29 18th, Long Island City, N. Y.
Post & Lester Co. ("Voller"), Hartford, Conn.
Premier Electric Co. ("Repello," "Hi-Lo" Electric), 1123 S Wabash av, Chicago, Ill.
Randall-Faichney Co. ("Jubilee," "Jericho"), Boston, Mass.
Riley-Klotz Mfg. Co. (Also Bicycle,, Tricycle, etc), 17 Mulberry, Newark, N. J.
Russell Electric Co. ("Saxon," "Russell-Hammer," "Treco," Electric), Danbury, Conn.
Sears-Cross Co. ("Thunder"), 147 41st, Brooklyn, N. Y.
Seiss Mfg. Co. ("Root-O-U-T" Bicycle), Toledo, O.
Sireno Co. (Electric), 20 Rose, New York
Sparks-Withington Co. ("Sparton" Electric), Jackson, Mich.
Standard Metal Mfg. Co. ("Cygnet"), 237 Chestnut, Newark, N. J.
Stewart-Warner Speedometer Corp. (Hand & Motor Driven), 1826 Diversey Parkway, Chicago, Ill.
Superior Lamp Mfg. Co. (Electric), 126 W 52d, New York
Talking Horn Co. (Mechanical), Middletown, N. Y.
Troy Auto Specialty Co. ("Exo"), Troy, N. Y.
Typhoon Signal Co. (Electric), 20 Chicago, Lincoln, Ill.
Vernon Mfg. Co., Los Angeles, Cal.
Warner Electric Co. (Electric), Muncie, Ind.

Horns (Bicycle)

See Horns, Automobile

6434— Horns (Cattle)

Wilson & Co., Union Stock Yards, Chicago, Ill.

6435— Horns (Dinner)

Central Stamping Co., 172 Fulton, New York
National Enameling & Stamping Co., 411 5th av, New York

6436— Horns (Electrical)

Duplex Elec. Mfg. Co., 5125 Coral, Pittsburgh, Pa.
E. A. Laboratories, 80 B'way, Brooklyn, N. Y.
Elec'l Sales Co., 176 Federal, Boston, Mass.
Federal Sign System, 640 W Lake, Chicago, Ill.
Garford Mfg. Co. ("Rexo"), Elyria, O.
Heath Siren Mfg. Co., San Francisco, Cal.
Holtzer-Cabot Electric Co., 125 Amory, Boston, Mass.
Interstate Mach. Prodts. Co., Inc., 36 Allen, Rochester, N. Y.
Klaxon Co., 194 Wright, Newark, N. J.
Lincoln Metal Products Co., Lincoln, Ill.
MEAD ELECTRIC SIGNAL CO., 2056 E 4th, Cleveland, O.
O'Brien Electrophone Co., Hallowell, Me.
Stewart-Warner Speedometer Corp., 1826 Diversey Parkway, Chicago, Ill.
Studebaker Geo. M. Jr., So. Bend, Ind.
Trinity Bell Elec. Mfg. Co., 216 W Kinzie, Chicago, Ill

6436a— Horns (Factory)

American Model & Instrument Co., ("Amico"), 54 Commercial, Worcester, Mass.

6436b— Horns (Fire Signal)

American Model & Instrument Co. ("Amico"), 54 Commercial, Worcester, Mass.

6437— Horns (Fog)

See also Whistles, Automobiles & Motor Boat
Dover Stamping & Mfg. Co. ("Dover"), Cambridge, Mass.
Lothrop L. D. & Son, Gloucester, Mass.
Motor Car Equipment Co., 19 W 62d, New York
National Enameling & Stamping Co., 411 5th av, New York
National Marine Lamp Co., Forestville, Conn.

6438— Horns (Phonograph)

Hawthorne Mfg. Co., Bridgeport, Conn.
National Metal Stamping & Mfg. Co. ("Amplifying"), 494 Mulberry, Newark, N. J.
Sheip & Vandegrift ("Music Master" Wood), 814 N Lawrence, Phila., Pa.
Standard Metal Mfg. Co. ("Cygnet" Metal), 237 Chestnut, Newark, N. J.

6439—Horns (Tin, Carnival, Etc.)

Marks & Knoring Co. (Cardboard), 40 Winchester, Boston, Mass.

6440—Horse Powers (Contractors')

American Hoist & Derrick Co. (Duplex Geared, etc), St. Paul, Minn.
Browning Victor R. & Co., 17701 Lake Shore blvd, Cleveland, O.; Mansfield, O.; & College Point, N. Y.
See adv index at end of book
Dobbie Foundry & Machine Co., Niagara Falls, N. Y.

6441—Horse Powers (Sweep)

See also Horse Powers, Tread; also Powers, Dog, Sheep, etc); also Horse Powers, Contractors'
Alamo Iron Works, San Antonio, Tex.
American Hoist & Derrick Co. (Duplex Geared, etc), St. Paul, Minn.
Appleton Mfg. Co. ("Appleton," "New Prize," "Modern Hero"), Batavia, Ill.
Bell C. S. Co., Hillsboro, O.
Cardwell Machine Co., 1900 E Cary, Richmond, Va.
Challenge Co. (Sweep "Challenge"), Batavia, Ill.
Clark C. L. ("Union," "Bay State"), St. Johnsburg, Vt.
Collins Plow Co. (4 to 6 Horse Triple Geared), Quincy, Ill.
Ellis Keystone Agricultural Works (Lever, Iron Frame "Keystone"), Pottstown, Pa.
Farquhar A. B. Co. (Ltd.), York, Pa.
Freeman Mfg. Co., Racine, Wis.
Gehl Bros. Mfg. Co. ("Climax," "Pitts"), West Bend, Wis.
Greenville Implement Co., Greenville, Mich.
Hamachek Frank ("Giant"), Kewaunee, Wis.
Harrison Machine Works, Belleville, Ill.
Hart Grain Weigher Co. (Steel), Peoria, Ill.
Heebner & Sons ("Superior"), Lansdale, Pa.
Hildreth Bros., Harvard, Mass.
Howell R. R. & Co., 31st av, Minneapolis, Minn.
Kline Lewis T., Alpena, Mich.
Lehr Agricultural Co., Fremont, O.
Lyon Iron Works, Green, N. Y.
Marseilles Co. (And Jacks), East Moline,, Ill.
New Winona Mfg. Co. ("Diamond" Sweep), Winona, Minn.
Portable Elevator Mfg. Co., Bloomington, Ill.
Rowell L. B. Co. ("Climax"), Waukesha, Wis.
Rumley Leo Tractor Co. ("Dingee-Woodbury"), La Porte, Ind.
Sandwich Mfg. Co. ("Samson"), Sandwich, Ill.
Smalley Mfg. Co., Manitowoc, Wis.
Squier Geo. L. Mfg. Co., Buffalo, N. Y.
Stover Mfg. Co., Freeport, Ill.
Warner Elevator Mfg. Co., Warner, Ill.
Wenzelman Mfg. Co., Galesburg, Ill.
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.
Wilder-Strong Implement Co. Monroe, Mich.
Wodsedalak Jos., Algoma, Wis.

6442—Horse Powers (Tread)

Appleton Mfg. Co. ("Success"), Batavia, Ill.
Ellis Keystone Agricultural Works, Pottstown, Pa.
Farquhar A. B. Co. (Ltd.), York, Pa.
Messinger Mfg. Co. ("The Reynolds" Horse or Baby), Tatamy, Pa.
Whitman Agricultural Co., St. Louis, Mo.

Horse Shoe Calks

See Toe Calks, Steel

6443—Horses (Steel Folding)

FRASSE PETER A. & CO. (INC.), 417 Canal, New York
See adv index at end of book

6444— Horses (Towel)

Church C. F. Mfg. Co. ("White Pyralin"), Holyoke, Mass.

6445— Hose (Acid)

Acme Rubber Mfg. Co., Trenton, N. J.
American Metal Hose Co. ("American"), Waterbury, Conn.
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
See adv index at end of book
Empire Tire & Rubber Corp., East Trenton, N. J.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Hewitt Rubber Co., Buffalo, N. Y.
Home Rubber Co., Trenton, N. J.
McIlroy Belting & Hose Co., Hammond, Ind.

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Quaker City Rubber Co., 629 Market, Phila., Pa.
Revere Rubber Co. ("Revere"), Chelsea, Mass.
Thermoid Rubber Co. ("Thermoid," "Everoid"), Trenton, N. J.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
Whitehead Bros. Rubber Co., Trenton, N. J.

6445a— Hose (Air)

TITEFLEX METAL HOSE CORP., Badger av & Runyon, Newark, N. J.
See adv index at end of book

6446— Hose (Air Brake)

Boston Belting Corp., 84 Linden Park, Boston, Mass.
Boston Woven Hose & Rubber Co., Cambridge, Mass.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Empire Tire & Rubber Corp., East Trenton, N. J.
Flexible Armored Hose Co. (& Air Signal), Buffalo, N. Y.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co. ("U. S.," "Maltese Cross"), 126 Duane, New York
Hamilton Rubber Mfg. Co., Trenton, N. J.
Home Rubber Co., Trenton, N. J.
Mechanical Rubber Co., 73 Reade, New York
N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
N. Y. Belting & Packing Co., 91 Chambers, New York
Peerless Rubber Mfg. Co., 31 Warren, New York
Quaker City Rubber Co., 629 Market, Phila., Pa.
Republic Rubber Co., Youngstown, O.
Revere Rubber Co., Chelsea, Mass.
Sprague Electric Works, 527 W 34th, New York
Thermoid Rubber Co. ("Beaconoid"), Trenton, N. J.
United & Globe Rubber Mfg. Co., Trenton, N. J.
WESTINGHOUSE AIR BRAKE CO., Pittsburgh, Pa.
WESTINGHOUSE TRACTION BRAKE CO., Pittsburgh, Pa.
Whitehead Bros. Rubber Co., Trenton, N. J.
Woven Steel Hose & Rubber Co., Trenton, N. J.

6447— Hose (Air Drill)

Boston Belting Corp., 84 Linden Park, Boston, Mass.
Boston Woven Hose & Rubber Co. ("Cowen," "Service," "Bull-Dog," "Ironclad," "Leader), Cambridge, Mass.
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Cleveland Pneumatic Tool Co. ('Bowes"), 3734 E 78th, Cleveland, O.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Continental Rubber Works, Erie, Pa.
Dallett Thos. H. Co., Juniper & Federal, Phila., Pa.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
ELECTRIC HOSE & RUBBER CO. ("Barcus," "Colossus," "Electric," "Marvelo," "Mineralite," "Pocomoke," "Supero," "Uganda," "Velvet"), 12th & Dure, Wilmington, Del.
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Empire Tire & Rubber Corp., East Trenton, N. J.
Flexible Armored Hose Co., Buffalo, N. Y.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co. ("Maltese Cross," "Ridgewood," "Wallabout"), 126 Duane, New York
Hewitt Rubber Co., Buffalo, N. Y.
Independent Pneumatic Tool Co., 1307 Michigan av, Chicago, Ill.
Ingersoll-Rand Co. 11 B'way, New York
See adv index at end of book
Mercer Rubber Co., 95 Broad, New York
New York Belting & Packing Co., 91 Chambers, New York
NEW YORK RUBBER CO., 323 W Randolph, Chicago, Ill., & Reade & Church, New York.
Peerless Rubber Mfg. Co., 31 Warren, New York
Quaker City Rubber Co. ("Ebonite," "Crown," "Aero," "Girard"), 629 Market, Phila., Pa.
Revere Rubber Co., Chelsea, Mass.
Thermoid Rubber Co. ("Trustoid"), Trenton, N. J.
Voorhees Rubber Mfg. Co. ("Boreas"), 18 Bostwick av, Jersey City, N. J.
Whitehead Bros. Rubber Co., Trenton, N. J.
Woven Steel Hose & Rubber Co., Trenton, N. J.

6448— Hose (Braided)

American Metal Hose Co. ("American" Flexible Metallic), Waterbury, Conn.
Boston Belting Corp. ("Forsyth" & "Roxbro"), 84 Linden Park, Boston, Mass.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
ELECTRIC HOSE & RUBBER CO. ("Blacksnake," "Electric," "Marvelo," "Red Snake," "Velvet" Continuous Length), 12th & Dure, Wilmington, Del.
See adv index at end of book
Empire Tire & Rubber Corp., East Trenton, N. J.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Home Rubber Co., Trenton, N. J.
Mechanical Rubber Co., Cleveland, O.
Whitehead Bros. Rubber Co., Trenton, N. J.

6449— Hose (Brewers')

See Hose, Garden, Steam, Mill, Etc.

6450—Hose Carriages & Carts

Abbot & Downing Co., Concord, N. H.
American-LaFrance Fire Engine Co., Elmira, N. Y.
Anderson Coupling & Fire Supply Co., Kansas City, Kansas.
Hayward S. F. & Co. (Hose Carts), 250 W 54th, New York.
Maxim Motor Co., Middleboro, Mass.
Northern Fire Apparatus Co., 2422 Univ. av, S. E., Minneapolis, Minn.
Pirsch Peter & Co., Kenosha, Wis.
Safety Fire Extinguisher Co., 291 7th av, New York
Stewart A. F., Rochester, N. Y.
Wirt & Knox Mfg. Co. ("Knox," for Railroads, Mills, etc), 23d & York, Phila., Pa.
Woodhouse Mfg. Co., 64 W B'way, New York

6451—Hose (Chemical Engine)

Boston Belting Corp., 84 Linden Park, Boston, Mass.
Electric Hose & Rubber Co. ("Crusoe," "Electric," "Salome," "Supero," "Zenobia," "Marvelo," "Velvet"), 12th & Dure, Wilmington, Del.
See adv index at end of book
Empire Tire & Rubber Corp., East Trenton, N. J.
Flexible Armored Hose Co., Buffalo, N. Y.
Gutta Percha & Rubber Mfg. Co. ("Baker Fabric," "Princeton," "Rescue," "Jax"), 126 Duane, New York
Hewitt Rubber Co. (Engine & Tender), Buffalo, N. Y.
Home Rubber Co., Trenton, N. J.
Quaker City Rubber Co. ("Phaspa"), 629 Market, Phila., Pa.
Rex-Harris Fire Appliance Co., 39 E 19th, New York.
Whitehead Bros. Rubber Co., Trenton, N. J.

6452— Hose Connections

See Couplings, Hose

6453—Hose (Corrugated Tender)

See Hose, Rubber

6454— Hose (Cotton)

Acme Rubber Mfg. Co. ("Admiral," "Commodore," "Ensign," "Gunner"), Trenton, N. J.
Bay State Belting Co., 605 Atlantic av, Boston, Mass.
Boston Belting Corp. ("Niagara," "Imperial," "Phoenix," "Trimount," "Excelsior," "American Underwriters," "Linden"), 84 Linden Park, Boston, Mass.
Boston Woven Hose & Rubber Co. ("Boston Fire Jacket," "Bay State Jacket," "Vigo," "Perfection," "Cowan," "Leader," "Paramount," "O. K." Underwriters), Cambridge, Mass.
Bowers Rubber Works ("Victor," "Reliance," "Guardian," "Defender," "Purple Line," "Casco," "Reo," "Surety"), 68 Sacramento, San Francisco, Cal.
Boyle Jno & Co., 112 Duane, New York
Combination Rubber Mfg. Co., Bloomfield, N. J.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Empire Mfg. Co. (Cotton Rubber Lined), Lockport, N. Y.
Empire Tire & Rubber Corp. ("Empire's Best," "XX Extra," "Merrimac," "Model," "Monitor"), East Trenton, N. J.

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Fabric Fire Hose Co., 127 Duane, New York
Goodrich B. F. Co., Akron, O.
Goodyear Rubber Co. (Rubber Lined) ("Front," "Obelisk," "Goodyear Special"), 539 Mission, San Francisco, Cal.
See adv index at end of book
Gutta Percha & Rubber Mfg. Co. ("Baker Fabric," "Princeton," "Rescue," "Ajax"), 126 Duane, New York
Hamilton Rubber Mfg. Co., Trenton, N. J.
Hewitt Rubber Co., Buffalo, N. Y.
Home Rubber Co., Trenton, N. J.
Manhattan Rubber Co., Passaic, N. J.
Mechanical Rubber Co., Cleveland, O.
Mechanical Rubber Co. ("Franklin," "Vernon," "Columbian," "Randolph," "Calumet," "Amazon," "Sterling"), 73 Reade, New York
N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
New York Belting & Packing Co., 91 Chambers, New York
Peerless Rubber Mfg. Co. (Rubber Lined), 31 Warren, New York
Quaker City Rubber Co. (Rubber Lined), 629 Market, Phila., Pa.
Revere Rubber Co. (Rubber Lined, etc), Chelsea, Mass.
United & Globe Rubber Mfg. Co., Trenton, N. J.
Voorhees Rubber Mfg. Co. (Marline & Cotton Woven Cover, "Lafayette." "Cartaret," "Cornell," "Pennant"), 18 Bostwick av, Jersey City, N. J.

6455— Hose Couplings

See Couplings, Hose

6556— Hose (Dredging)

See Hose Submarine, also Hose, Rubber

Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book

6556a—Hose (Filling Station)

Metal Hose & Tubing Co. ("Triplexed"), Raymond & Tillary, Brooklyn, N. Y.
See adv index at end of book

6457— Hose (Fire)

Acme Rubber Mfg. Co., Trenton, N. J.
Barnes Henry K. Co. ("Fire King," "Conqueror"), 234 Devonshire, Boston, Mass.
Beck Wm. & Chas. (Linen), Lawrence, Mass.
Bi-Lateral Fire Hose Co. ("Bi-Lateral"), 326 W Madison, Chicago, Ill.
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Boston Coupling Co. ("Reliance" Cotton Light & Heavy, etc), 156 Pearl, Boston, Mass.
Boston Woven Hose & Rubber Co. ("Boston Fire Jacket," "Bay State," "Jacket," "Vigo," "Perfection," "Cowen," "Paramount" & "Leader," "O. K," "Underwriters"), Cambridge, Mass.
C. C. C. Fire Hose & Rubber Co., Canton Junction, Mass.
Callahan Cornelius Co. (Cotton), 127 Purchase, Boston, Mass.
Chicago Fire Hose Co. (Cotton Rubber Lined), 124 W Lake, Chicago, Ill.
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Empire Mfg. Co. (Cotton Rubber Lined), Lockport, N. Y.
Empire Tire & Rubber Corp. ("Empire's Best," "XX Extra," "Merrimac," "Model," "Monitor," "A-1" & "Arrow" Cotton Rubber Lined; also Rubber), East Trenton, N. J.
Eureka Fire Hose Mfg. Co. ("Eureka," "Paragon," "Red Cross," "Surprise Jacket," "Peerless Jacket," "Eagle," Cotton Rubber Lined; also Linen, Plain & Rubber Lined), 27 Barclay, New York
Fabric Fire Hose Co., 127 Duane, New York
Goodrich B. F. Co. ("Gray King" & "White King," Woven Cotton, Rubber Lined, etc), Akron, O.
Gutta Percha & Rubber Mfg. Co. ("Maltese Cross," "Baker Fabric," "Ajax," "Princeton," "Rescue" Cotton Line & Rubber), 126 Duane, New York
Hamilton Rubber Mfg. Co., Trenton, N. J.
Hewitt Rubber Co., Buffalo, N. Y.
Home Rubber Co., Trenton, N. J.
Jewell Belting Co., Hartford, Conn.
McIlroy Belting & Hose Co. ("Rubber-Ite" Linen), Hammond, Ind.
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mechanical Rubber Co., Cleveland, O.
Mercer Rubber Co. (Rubber), Hamilton Sq., N. J.
Mulconroy Co., 54th & Jefferson, Philadelphia, Pa.
N. J. Car Spring & Rubber Co. ("Tuebor," Rubber Lined, Cotton), 91 Brunswick, Jersey City, N. J.
N. Y. Belting & Packing Co. (Rubber & Cotton), 91 Chambers, New York
Niedner's Chas. Sons Co. (Linen), Malden, Mass.
Peerless Rubber Mfg. Co., 31 Warren, New York
Quaker City Rubber Co. ("Quaker City," "Pometus"), 629 Market, Phila., Pa.
Republic Rubber Co. ("Relief") Youngstown, O.
Revere Rubber Co. (Rubber & Cotton & Rubber Lined), Chelsea, Mass.
Rex-Harris Fire Appliance Co. (Linen & Rubber), 39 E. 19th, New York.
Roe & Conover, 206 Frelinghuysen av, Newark, N. J.
See adv index at end of book
Rossendale-Reddaway Belting & Hose Co. (Linen), Newark, N. J.
Safety Fire Extinguisher Co., 291 7th av, New York
United & Globe Rubber Mfg. Co., Trenton, N. J.
Voorhees Rubber Mfg. Co. ("Marshall," Cotton Rubber), 18 Bostwick av, Jersey City, N. J.
Whitehead Bros. Rubber Co., Trenton, N.J.

6458—Hose (Flexible Metallic)

American Metal Hose Co. ("American"), Waterbury, Conn.
Am. Metal Moulding Co., 141 N. J. R. R. av, Newark, N. J.
COLONIAL SUPPLY CO., 217 Water, Pittsburgh ,Pa.
See adv index at end of book
Columbia Metal Hose Wks., 532 W 22d, New York
Dewes A. Co., 199 Lafayette, New York.
Electric Hose & Rubber Co. ("Cynis," "Electric," Gas & Gasoline), 12th & Dure, Wilmington, Del.
See adv index at end of book
Flexible Armored Hose Co., Buffalo, N. Y.
Goodyear Tire & Rubber Co. ("Kantkink") Akron, O.
Interlocked Metallic Hose Co., Orchard & Scott, Newark, N. J.
Johns H. W.-Manville Co. ("J.-M."), Madison av & 41st, New York
METAL HOSE & TUBING CO. ("Triplexed,"). Raymond & Tillary, Brooklyn, N. Y. *See adv index at end of book*
Mulconroy Co. (All Metal in Brass, Bronze, Copper & Steel), 54th & Jefferson, Phila., Pa.
Pennsylvania Flexible Metallic Tubing Co. (Copper or Steel, High Pressure, with Asbestos Interlining), 201 N Broad, Phila., Pa.
STRONG MACHINERY & SUPPLY CO., 21 Walker, New York
See adv index at end of book
TITEFLEX METAL HOSE CORP., Badger av & Runyon, Newark, N. J.
See adv index at end of book
U. S. Flexible Metallic Tubing Co. (Metal Hose), Los Angeles, Cal.
Voorhees Rubber Mfg. Co. (Armor), 18 Bostwick av, Jersey City, N. J.
United Metal Hose Co. (Jobbers), 89 Chambers, New York
Universal Flexible Conduit Co., 109-111 Tichenor, Newark, N. J.

6459—Hose (Flexible Steel Armored)

Sprague Electric Works (Steel Armored), 527 W 34th, New York

6459a—*Hose (For Handling Chemicals

Titeflex Metal Hose Corp., Badger av & Runyon, Newark, N. J.
See adv index at end of book

6460—Hose (Garden, Steam, Mill, Etc.)

See also Hose, Fire

Acme Rubber Mfg. Co., Trenton, N. J.
American Metal Hose Co. ("American" Flexible Metallic, Steam & Mill), Waterbury, Conn.
Belmont Packing & Rubber Co. ("Belmont," Steam), 133 N 2d, Phila., Pa.
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Boston Woven Hose & Rubber Co. ("Bull Dog," "Good Luck," "Milo," "Tiger," "Leader," "Block Line," "Paramount," "Conservatory," "Garden," "Service," "Bay State," "Tiger" Steam), Cambridge, Mass.
Breeze Carbureter Co. (Steam), 250-52 South, Newark, N. J.
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Continental Rubber Works, Erie, Pa.

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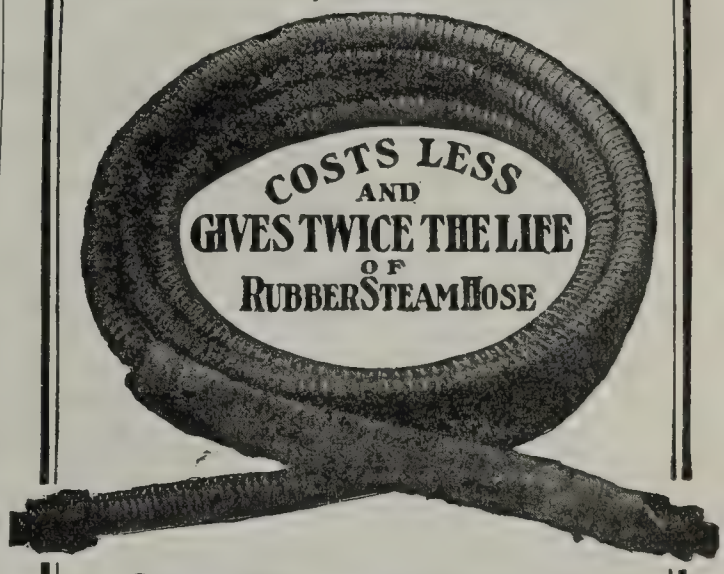

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This hose will resist any and all temperatures and pressures and it is so flexible that a hundred foot length may be easily turned into an 18-inch coil. Write for prices and discounts.

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HOSE (GARDEN, STEAM, MILL, ETC.) —continued
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
ELECTRIC HOSE & RUBBER CO. Garden, Brewers' Hose & Water, "Blacksnake," "Christiana," "Delaware," "Delmarvia," "Electric," "Nocer," "Quintuple," "Supero," "Marvelo." "Wilmington," "X," "XX," "XXX," "XXXX," "XXXXX," 12th & Dure, Wilmington, Del.
See adv index at end of book
Empire Mfg. Co. (Cotton Rubber Lined), Lockport, N. Y.
Empire Tire & Rubber Corp. ("Empire's Best," "Merrimac," "Model," "Monitor," "Perfect," "Hop Toad," "Alabama," "Advance," "Amazon," "Eagle," "Diamond," "La Salle," "Hercules," "Chicago," "Vulcan," "High Test," "Greenhouse," "Hero," "Peninsular," "Rival," "King" & "Yale"), East Trenton, N. J.
Eureka Fire Hose Mfg. Co. (Cotton & Linen), 27 Barclay, New York
Flexible Armored Hose Co. (Flexible Armored, for Steam, Gas, Oil & Water), Buffalo, N Y.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co. ("Maltese Cross Carbolized," "Wallabout," "Rescue," "Prospect," "Nassau," "Tempest," "Tornado," "Princeton," "Montauk," "Pyramid," "Flushing," "Long Length"), 126 Duane, New York
Hewitt Rubber Co., Buffalo, N. Y.
Home Rubber Co. (Rubber), Trenton, N. J.
Knowlton Geo. W. Rubber Co., 60 Pearl, Boston, Mass.
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mechanical Rubber Co., Cleveland, O.
Mercer Rubber Co., Hamilton Sq., N. J.
Mulconroy Co., 54th & Jefferson, Phila., Pa.
MYERS F. E. & BRO., 800 Orange, Ashland, O. *See adv index at end of book*
N. J Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
New York Belting & Packing Co., 91 Chambers, New York
NEW YORK RUBBER CO., 323 W Randolph, Chicago, Ill., & Reade & Church, New York
Neidner's Chas. Sons Co. (Linen), Malden, Mass.
Quaker City Rubber Co., ("Makta," "Hercules," "Corporal," "Corsair," "Katan," "Kernel," "Ketmar," "Major," "Nymph," "Orient," "Ringmeter," "Sargent," "Tioga," "Wonderful" & "Yankee"), 629 Market, Phila., Pa.
Republic Rubber Co. ("Chariot"), Youngstown, O.
Revere Rubber Co., Chelsea, Mass.
Thermoid Rubber Co., Trenton, N. J.
United & Globe Rubber Mfg. Co., Trenton, N. J.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
Whitehead Bros. Rubber Co., Trenton, N. J.

6461— *Hose (Gasoline)

METAL HOSE & TUBING CO. ("Triplexd"), Raymond & Tillary, Brooklyn, N. Y.
TITEFLEX METAL HOSE CORP., Badger av & Runyon, Newark, N. J.
See adv index at end of book

6461a—*Hose (Hydraulic Pressure)

Titeflex Metal Hose Corp., Badger av & Runyon, Newark, N. J.
See adv index at end of book

6462— Hose (Linen)

Bay State Belting Co., 605 Atlantic av, Boston, Mass.
Beck Wm. & Chas., Lawrence, Mass.
Boston Woven Hose & Rubber Co. ("Black Line," Service), Cambridge, Mass.
Callahan Cornelius Co., 127 Purchase, Boston, Mass.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Empire Mfg. Co., Lockport, N. Y.
Empire Tire & Rubber Corp. ("King," "Yale" & "Rival," Unlined), East Trenton, N. J.
Eureka Fire Hose Mfg. Co. (Plain or Rubber Lined), 27 Barclay, New York
Fabric Fire Hose Co., 127 Duane, New York
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Hewitt Rubber Co., Buffalo, N. Y.
Manhattan Rubber Mfg. Co., Passaic, N. J.
New Jersey Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
New York Belting & Packing Co., 91 Chambers, New York
Niedner's Chas. Sons Co. (Fire), Malden, Mass.
Quaker City Rubber Co. (Underwriters), 629 Market, Phila., Pa.
Revere Rubber Co., Chelsea, Mass.
Rosendale-Reddaway Belting & Hose Co., Newark, N. J.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
Woven Steel Hose & Rubber Co., Trenton, N. J.

6463— Hose (Metal)

See Hose, Flexible Metallic

6464— Hose (Mill)

See also Classification 6460
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
See adv index at end of book

6464a—Hose (Oil Suction and Discharge)

Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book

6464a1— Hose (Oil)

Metal Hose & Tubing Co. ("Triplexed"), Raymond & Tillary, Brooklyn, N. Y.
See adv index at end of book
Titeflex Metal Hose Corp., Badger av & Runyon, Newark, N. J.
See adv index at end of book

6464a—*Hose (Oxy-Acetylene)

Electric Hose & Rubber Co. ("Electric"), 12th & Dure, Wilmington, Del.
See adv index at end of book

6564b— Hose (Paint Spray)

Metal Hose & Tubing Co. ("Triplexed"), Raymond & Tillary, Brooklyn, N. Y
See adv index at end of book

Hose (Pneumatic Tool)

See Hose, Air Drill

6465— Hose (Protected)

See Hose, Wire Wound

6466— Hose (Reels & Racks)

See Reels & Racks, Fire Hose

6466a— Hose (Rotary Drill)

Dominion Asbestos & Rubber Corp, 154 Nassau, New York
See adv index at end of book

6467— Hose (Rubber)

Acme Rubber Mfg. Co., Trenton, N. J.
Akron Rubber Mold & Machine Co., Akron, O.
Boston Belting Corp. ("Niagara," "Tri-mount," "Boston," "Universal," "Imperial," "Excelsior," "Roxbro," "Wearwell," "Elmwood," "Phoenix"), 84 Linden Park, Boston, Mass.
Boston Woven Hose & Rubber Co. ("Damascus," "Bull Dog," "Boston Terrier," "Bay State," "Tiger," "Invincible," "Leader," "Dauntless," "Vim," "Helmet," "Cowen," "Ironclad," "Granger"), Cambridge, Mass.
Bowers Rubber Works ("Live Oak," "Seal Rock," "Sunset," "Bay City," "Native," "Sunproof," "Crackproof," "Klamath," "Gee Whiz," "Brook," "Golden Gate," "Smilax," "Jesomine," "Ivy," "Clemates," "Wisteria," "Poppy" & "Carnation"), 68 Sacramento, San Francisco, Cal.
C. C. C. Fire Hose & Rubber Co., 2 Canton Jct., Mass.
Cincinnati Rubber Mfg. Co. ("Arno," "Bolivian," "Broncho," "Cincinnatus," "Congo," "Losant," "Mezen," "Norka," "Norwood," "Pacemaker," "Sandow"), Cincinnati, O.
COLONIAL SUPPLY CO., 217 Water, Pittsburgh, Pa.
See adv index at end of book
Combination Rubber Mfg. Co. ("Indestructene," "Franklin"), Bloomfield, N. J.
Continental Rubber Works, Erie, Pa.

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Titeflex All-Metal Hose flexes within the metal itself, and has a soft pliability not obtainable in any other form of metal hose. The joints being cold-welded *will not wear or leak* as will hose having ordinary packed and sliding joints. For handling fluid chemicals, gases, joints, etc. Titeflex is the longest lived hose that money can buy.

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Gas Tubing

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TITEFLEX METAL HOSE CORPN. 6

Badger Ave. and Runyon St. Newark, N. J.

Crescent Flexible Armour Co., Trenton, N. J.
Dominion Asbestos & Rubber Corp, 154 Nassau, New York
See adv index at end of book
ELECTRIC HOSE & RUBBER CO. (all brands), 12th & Dure, Wilmington, Del. *See adv index at end of book*
Empire Tire & Rubber Corp. ("Merricam," "Alabama," "Advance," "Amazon," "Monitor," "Eagle," "Model," "Empire's Best," "Diamond," "La Salle," "Greenhouse," "Hercules," "Chicago," "Vulcan," "Perfect," "Hero," "High Test" & "Peninsular"), East Trenton, N. J.
Fabric Fire Hose Co., 127 Duane, New York
Goodrich B. F. Co., Akron, O.
Goodyear Rubber Co. (All Sizes), "Hippo," "Rino," "Tortoise," "Plover," 353 Mission, San Francisco, Cal.
See adv index at end of book
Goodyear Rubber Co. & Rubber Clothing Co. ("Gold Seal," "Pioneer"), 787 B'way, New York
Gutta Percha & Rubber Mfg. Co. ("Ridgewood," "Wallabout," "Maltese Cross"), 126 Duane, New York
Hamilton Rubber Mfg. Co., Trenton, N. J.
Hewitt Rubber Co., Buffalo, N. Y.
Home Rubber Co. ("Black Seal," "Tiger," "White Cross," "World," "N. B. O."), Trenton, N. J.
Johns H. W.-Manville Co. ("J-M"), Madison av & 41st, New York
Marquise Rubber Co., 30 Church, New York
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mechanical Rubber Co. ("Monarch," "Bengal," "Beaver," "Competition," "Superior," "Chicago"), 307 W Randolph, Chicago, Ill.
Mulconroy Co., 54th & Jefferson, Phila., Pa.
National India Rubber Co. ("Anchor," "Bristol," "Aurora," "Fidelity," "National," "Narragansett," "Massasoit," "Red Oak," "Ruby," "Pontiac," "Saranac," "Sagamore," "Seekonk," "Seminole," "Wauregan"), Bristol, R. I.
New Jersey Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
New York Belting & Packing Co. ("1846 Para," "Carbon," "Double Diamond"), 91 Chambers, New York
New York Rubber Co. ("Wiccapee"), Reade & Church, New York
Perfection Fire & Rubber Co., 140 S Dearborn, Chicago, Ill.
Peerless Rubber Mfg. Co. ("Anaconda," "Lake Side," "Blue Ribbon," "Rainbow," "Sterling," "Reliance," "American"), 31 Warren, New York
Quaker City Rubber Co. ("Atlantic"), 629 Market, Phila., Pa.
Republic Rubber Co. ("Tower," "Hector," "Sanco," "Hydro," "Republic"), Youngstown, O.
Revere Rubber Co. ("Giant," "Granite," "Shawmut"), Chelsea, Mass.
Rex-Harris Fire Appliance Co. (Fire & Garden), 39 E 19th, New York
Thermoid Rubber Co., Trenton, N. J.
Voorhees Rubber Mfg. Co. ("Bostwick," "Sensation," "Federal," "Pacific," "Sentinel," "Celtic," "Saxon," "American," "Conqueror," "Contest"), 18 Bostwick av, Jersey City, N. J.
Whitehead Bros. Rubber Co. ("Competition," "Thistle," "Juno," "Clover," "Golden Rod," "Ivory," "Long Life"), Trenton, N. J.
Woven Steel Hose & Rubber Co., Trenton, N. J.

6467a— Hose (Sand Blast)

Dominion Asbestos & Rubber Corp, 154 Nassau, New York
See adv index at end of book

6468— *Hose (Steam)

Dominion Asbestos & Rubber Corp, 154 Nassau, New York
See adv index at end of book
ELECTRIC HOSE & RUBBER CO. ("Brandywine," "Colossus," "Electric," "Supero," "Tarpon"), 12th & Dure, Wilmington, Del.
See adv index at end of book
TITEFLEX METAL HOSE CORP., Badger av & Runyon, Newark, N. J.
See adv index at end of book

6469— *Hose (Steam Drill)

Dominion Asbestos & Rubber Corp, 154 Nassau, New York
See adv index at end of book
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book

6470— Hose (Submarine)

Acme Rubber Mfg. Co., Trenton, N. J.
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Electric Hose & Rubber Co. ("Buoy," "Electric"), 12th & Dure, Wilmington, Del. *See adv index at end of book*
Empire Tire & Rubber Corp., East Trenton, N. J.
Flexible Armored Hose Co., Buffalo, N. Y.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Hewitt Rubber Co., Buffalo, N. Y.
Home Rubber Co., Trenton, N. J.
Manhattan Rubber Mfg. Co., Passaic, N. J.
Republic Rubber Co., Youngstown, O.
Revere Rubber Co., Chelsea, Mass.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City,, N. J.

6471— Hose (Suction)

Acme Rubber Mfg. Co., Trenton, N. J.
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Boston Woven Hose & Rubber Co. ("Blue Bell," "Bay State," "Tiger," "Cowen," "Royal," "Harvester," "Gleaner" "Granger," "Wizard"), Cambridge, Mass.
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Continental Rubber Works, Erie, Pa.
Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.
ELECTRIC HOSE & RUBBER CO. ("Acetic," "Christiana," "Colossus," "Standard," "Suple"), 12th & Dure, Wilmington, Del.
See adv index at end of book
Empire Tire & Rubber Corp, East Trenton, N. J.
Flexible Armored Hose Co., Buffalo, N. Y.
Goodrich B. F. Co. (Extra Heavy), Akron, Ohio
Gutta Percha & Rubber Mfg. Co. ("Maltese Cross," "Wallabout," "Ridgewood"), 126 Duane, New York
Hewitt Rubber Co., Buffalo, N. Y.
Home Rubber Co., Trenton, N. J.
Mercer Rubber Co., Hamilton sq, N. J.
MYERS F. E. & BRO., 800 Orange, Ashland, O. *See adv index at end of book*
National Copper Refining Co., Cleveland, Ohio
New York Belting & Packing Co., 91 Chambers, New York
NEW YORK RUBBER CO., 323 W Randolph, Chicago, Ill., & Reade & Church, New York
Peerless Rubber Mfg. Co., 31 Warren, New York
Quaker City Rubber Co. ("Agton," "Jestor," "Ruhral," "Prairy," 629 Market, Phila., Pa.
Thermoid Rubber Co., Trenton, N. J.
Whitehead Bros. Rubber Co. (Wire & Smooth Bore), Trenton, N. J.
Woven Steel Hose & Rubber Co., Trenton, N. J.

6472— Hose (Tank)

See Hose, Garden, Steam, Mill, Etc.

6473— Hose (Vacuum Cleaner)

See Hose, Wire Wound

6473a— *Hose (Water)

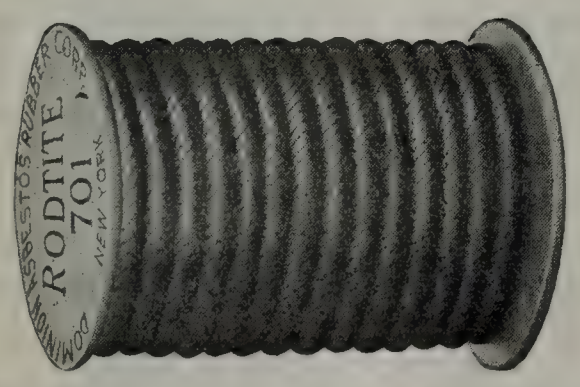
See also Hose, Rubber

Titeflex Metal Hose Corp., Badger av & Runyon, Newark, N. J.
See adv index at end of book

6474— Hose (Wire Wound)

Acme Rubber Mfg. Co., Trenton, N. J.
American-Metal Hose Co. ("American"), Waterbury, Conn.
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Boston Woven Hose & Rubber Co., Cambridge, Mass.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Continental Rubber Works, Erie, Pa.
Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
See adv index at end of book
Empire Tire & Rubber Corp., East Trenton, N. J.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Hewitt Rubber Co., Buffalo, N. Y.
Home Rubber Co., Trenton, N. J.
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mechanical Rubber Co., Cleveland, O.
MYERS F. E. & BRO., 800 Orange, Ashland, O.
See adv index at end of book
National India Rubber Co., Bristol, R. I.
New Jersey Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.

RODTITE PISTON ROD—VALVE STEM PACKING



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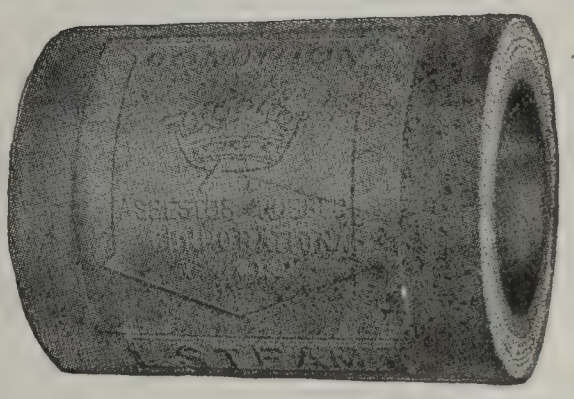

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HOSE (WIRE WOUND)—continued
New York Belting & Packing Co., 91 Chambers, New York
Peerless Rubber Mfg. Co., 31 Warren, New York
Quaker City Rubber Co., 629 Market, Phila., Pa.
Revere Rubber Co., Chelsea, Mass.
United Metal Hose Co. (Jobbers), 89 Chambers, New York
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
Whitehead Bros. Rubber Co., Trenton, N. J.

6475—Hosiery (Elastic, Surgical)

Bauer & Black, 45 W 25th, Chicago, Ill.
Brown W. E., 39 Broad, Providence, R. I.
Burton D. F., Pythian Temple, Cleveland, O.
Carter Wm. Co., Needham Heights, Mass.
Chesterman & Streeter, 25 S 11th, Phila., Pa.
Common Sense Truss Co., 306 W Madison, Chicago, Ill.
Curtis & Spindell Co., Lynn, Mass.
Flavell Geo. W. & Bro., 1011 Spring Garden, Phila., Pa.
Freeman Mfg. Co., Detroit, Mich.
Gorse F. W. Co., Needham Heights, Mass.
Gorse Wm. & Co., Needham Heights, Mass.
Hall W. A. Mfg. Co., St. Louis, Mo.
Hessler H. H., 38 Arcade, Cleveland, O.
Holmes Isaac, 3519 Zumstein av, Cincinnati, O.
Holmes John G., 111 S 8th, Phila., Pa.
Holmes O. H. (Seamless Cotton & Silk), Conshohocken, Pa.
Horn W. H. & Bro. ("Hornbro" Seamless, "Antler" Seamed), 435 N 3d, Phila., Pa.
Kendrick James R. Co., 125 Herman, Phila., Pa.
Ladd Geo. W. & Co., 34 Columbus, Boston, Mass.
MacAdams Bros., 912 Walnut, Phila., Pa.
Norman Wm. Co. (Cotton & Silk), 1832 Ogden av, Chicago, Ill.
Ohio Truss Co., 12 E 9th, Cincinnati, O.
Pacific Surgical Mfg. Co., Los Angeles, Cal.
Parker Henry, 100 W 23d, New York
Rice E., St. Paul, Minn.
Sharp & Smith, 155 N Michigan av, Chicago, Ill.
Truax, Greene & Co., 171 N Wabash, Chicago, Ill.
Walton Thos S., Needham Heights, Mass.
Ware Mfg. Co. (Silk & Cotton), Camden, N. J.
White C. W. & Co., 99 Court, Boston, Mass.
Wood S. C. & Son, Pittsfield, Mass.
Worcester Elastic Stocking & Truss Co., Worcester, Mass.

6475a— Hospital Sheeting

Du Pont Fabrikoid Co., Wilmington, Del.

6476—Hot Soda Apparatus (Automatic)

Rowe L. L., 74 Portland, Boston, Mass.

6477— Hot Wells

WHEELER CONDENSER & ENGINEERING CO. (Indicating), Carteret, N. J.
See adv index at end of book

Hotel Cooking Apparatus

See Cooking Apparatus

6478—Hotel-Ware (Polished Steel, Etc.)

Burg E. F. (& Hotel Supplies), 224 W 1st, Duluth, Minn.
Cleveland Stamping & Tool Co. ("Solid Steel," Polished & Tinned), Cleveland, Ohio
National Enameling & Stamping Co. (Wrought Steel), 411 5th av, New York

Hotels Calls

See Annunciators

6479— Hounds (Bent)

Crane & MacMahon, 10 Bridge, New York
Eureka Bending & Wheel Works, York, Pa.
Fort Smith Rim & Bow Co., Fort Smith, Ark.
Graham Thos. & Co., Madison, Ind.
Kentucky Rim & Shaft Co., Louisville, Ky.
Kohler F. F., South Zanesville, O.
Lamb-Fish Lumber Co., Charleston, Miss.
Metropolis Bending Co., Metropolis, Ill.
Shepard H. G. & Sons, New Haven, Conn.
Skinner J. M. Bending Co., Toledo, O.
Wildermuth Bending Co., Columbus, O.

House Numbers

See Numbers & Letters, Metal

House Wreckers

See Building Materials, Second Hand

6480—House & Porch Trimmings Etc.

See Columns, Porch, Etc.; also Corner, Base & Head Blocks; also Doors, Hardwood & Veneered; also Grille, Fret & Lattice Work; also Interior Finish, Wholesale Manufacturers; also Lumber Manufacturers; also Mouldings, Various Kinds; also Ornaments, Wood; also Sash, Door & Blinds; also Stair Builders' Supplies; also Wood Turnings, Various Kinds

6481— Household Reminders

Kohler Die & Specialty Co. ("Deaton"), De Kalb, Ill.

6482—Houses (Farrowing, Hog)

Kretchmer Mfg. Co., Council Bluffs, Ia.

6483—Houses (Knock-Down)

See also Portable Houses
North American Construction Co., Bay City, Mich.
Ready Built Home Co., Mystic, Conn.

6484—Houses (Pole or Pilot)

Bissell F. Co. ("Security"), Toledo, O.
Central Telephone & Electric Co., 310 N 11th, St. Louis, Mo.
Cook Frank B. Co., 326 W Madison, Chicago, Ill.
Nagel W. G. Electric Co. ("Ready"), Toledo, O.

6485— Housings (Axle)

BOSSERT CORPORATION, THE, Utica, N. Y. *See adv index at end of book*
Chicago Steel Foundry Co. (Cast Steel), 3201 S Kedzie av, Chicago, Ill.
Crosby Co., 183 Pratt, Buffalo, N. Y.
Detroit Pressed Steel Co. (Pressed Steel), Detroit, Mich.
Driggs-Seabury Ordnance Co., Sharon, Pa.
Lee & Porter Mfg. Co., Buchanan, Mich.

6486—Housings (Iron & Steel For Rolling Mills)

Heltzel Steel Form & Iron Co., Warren, O.
See adv index at end of book
Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book

6487— Housings (Valve)

Clark H. W. Co., Mattoon, Ill.

6488-9—Hubs, Automobile (Ball & Roller Bearing)

American Pulley Co., 114 S Clinton, Chicago, Ill.
Bossert Corp., The (Wire Wheel), Utica, N. Y. *See adv index at end of book*
Defiance Screw Machine Products Co., Defiance, O.
Harris & Reed, 1500 W 15th, Chicago, Ill.
Hill-Smith Metal Goods Co., 88 Pearl, Boston, Mass.
Standard Parts Co. (The), Cleveland, O.
See adv index at end of book
Timken Roller Bearing Co., Roller Bearings only, Canton, O.
Weston-Mott Co., Flint, Mich.

6490—Hubs (Bicycle & Motor Cycle)

Corbin Screw Corp., New Britain, Conn.
Eclipse Machine Co. (Front & Rear), 18th, Elmira, N. Y.
Harris & Reed, 1500 W 15th, Chicago, Ill.
New Departure Mfg. Co. ("New Departure" Bicycle), Bristol, Conn.
See adv index at end of book
Standard Parts Co. (The), Cleveland, O.
See adv index at end of book

6491—Hubs (Carriage & Wagon Wheel)

Armstrong Wm. H., South Coventry, Conn.
Atkins Bros., Attoway, Va.
Avoca Wheel Co. (Elm), Avoca, N. Y.
Bailey C. & Co., Elmsport, Pa.
Baldwin Bros. (Wagon), Ironton, Mo.
Baltimore Hub-Wheel & Mfg. Co., Flswy & Gy, Baltimore, Md.
Barden & Robeson Corp., Penn Yan, N. Y.
Beveridge & Taylor, Bristol, Tenn.
Bookwalter Wheel Co., Miamisburg, O.
Buckley John Hub, Spoke & Wheel Co., 969 N 2d, Philadelphia, Pa.
Buffington Wheel Co., Burlington, Ia.
Campbell M. R., Tullahoma, Tenn.
Clark-Gay Mfg. Co., Little Rock, Ark.
Cone Jos. D., North Vernon, Ind.
Crane & MacMahon, 10 Bridge, New York
Donges John & Co., Hamilton, O.
Eberly & Orris Mfg. Co., Mechanicsburg, Pa.
Fredericktown Lumber Co. (Wagon), Fredericktown, Mo.
Fulton, Conway & Co., Liuisville, Ky.
Gladding C. B., Geneva, O.
Graham Thos. & Co., Madison, Ind.
Hawesville Hub Mfg. Co., Hawesville, Ky.
Holt Bros. Mfg. Co., Concord, N. H.
Hoopes Bros. & Darlington (Elm), West Chester, Pa.
Kellogg T. D. Lumber & Mfg. Co., Antigo, Wis.
Landis S. H. & Bro., Quakertown, Pa.
Lebzelter Phillip & Son Co., Lancaster, Pa.
Lee W. J. (Wagon), Arcadia, Mo.
Look & Lincoln, Marion, Va.
MacKinnon F. Mfg. Co., Grand Rapids, Wis.
Martin Hub Works, Tidioute, Pa.
Ness Bros. & Co., York, Pa.
Obrechts John Sons Mfg. Co., Tell City, Ind.
Owensboro Wagon Co., Owensboro, Ky.
Pinneo & Daniels Co., Dayton, O.
Red Star Spoke Co., Fayetteville, Ark.
Redington Hub Co., Robys Corner, N. H.
Reuter Hub & Spoke Co., Dexter, Mo.
Schmidt & Stork Wagon Co., West Bend, Wis.
Shaw Co., Crandon, Wis.
Shortsville Wheel Co. ("Heath," "Sweet"), Shortsville, N. Y.
Southern Wheel Stock Co., Ironton, O.
Standard Parts Co., Cleveland, O.
See adv index at end of book
Standard Wheel Co., Terre Haute, Ind.
Stevens A. E. & Co., Portland, Me.
Tell City Spoke Co., Tell City, Ind.
Wheel & Wood Bending Co., Bridgeport, Conn.
White Oak Hub Co., Vina, Ala.

6491a—Hubs (Picture Film Reel)

Estes E. B. & Sons, 364 Fifth av, New York
See adv index at end of book

6492—Hullers (Clover & Alfalfa)

Aultman & Taylor Machinery Co. ("Matchless"), Mansfield, O.
Avery Co. ("Yellow Fellow"), Peoria, Ill.
Birdsell Mfg. Co., South Bend, Ind.
Emerson-Brantingham Co. ("Reeves" Feeder & Blower, "Geiser Peerless"), Rockford, Ill.
Harder Mfg. Co., Cobleskill, N. Y.
Maytag Co., Newton, Ia.
Rumley Leo Proctor Co. ("Gear-Scott," "Rumley"), La Porte, Ind.
Westinghouse Co. ("Westinghouse"), Schenectady, N. Y.

Hullers (Coffee & Rice)

See Rice & Coffee Hulling Machinery

6493—Hullers (Cotton Seed)

American Machine & Mfg. Co. (Self-Setting), Greenville, S. C.

Bauer Bros. Co. (Disc), Bauer bldg., Springfield, O.
Cardwell Machine Co., Richmond, Va.
Chandler Construction Co., 31 State, Boston, Mass.
Diamond Huller Co. ("Big Giant," "Mammouth," "Diamond" Disc Huller & Separator), Winona, Minn.
Empire Cotton Oil Co., Bainbridge, Ga.
French Oil Mill Machinery Co. ("Job"), Piqua, O.
Murray Co., Dallas, Texas
Sprout, Waldron & Co. (Disk), Muncy, Pa.

6494—Hullers or Blanchers (Peanut)

Lambert Machine Co., Marshall, Mich.

6495— Hullers (Pea & Bean)

Aultman & Taylor Mach. Co., Mansfield, O.
Avery Co. ("Avery," "Yellow Fellow"), Peoria, Ill.
Chattanooga Implement & Mfg. Co. ("Royal" Pea), Chattanooga, Tenn.
Chisholm-Scott, Niagara Falls, N. Y.
Farquhar A. B. Co. (Ltd.), York, Pa.
Huber Mfg. Co., Marion, O.
Owens J. L. Co., Fulton & S E Huron, Minneapolis, Minn.
Sprague Canning Machinery Co. (Canners'), 222 N Wabash av, Chicago, Ill.
Westinghouse Co. ("Westinghouse"), Schenectady, N. Y.

6496— Hullers (Strawberry)

Cassady Fairbank Mfg. Co. ("Manehardt"), 6126 S La Salle, Chicago, Ill.
Crown Pitter Co., Cleveland, O.
Stephens, Windsor & Co. ("Nip-It"), Waltham, Mass.
White Ira F. & Son Co., Bloomfield, N. J.

6497—Hulls (Steel Dredge, Etc.)

ELLICOTT MACHINE CORP., Bush & Severin, Baltimore, Md.
See adv index at end of book
Fairbanks Steam Shovel Co., Marion, O.

6498—Humidifiers (Cigar & Tobacco)

Bishop-Babcock-Becker Co. ("Humigars"), Cleveland, O.
Bubeck & Guerin, 161 W 18th, New York
Griscom-Russell Co., 92 West, New York
See adv index at end of book
Hawthorne Mfg. Co. ("Humidous"), Bridgeport, Conn.
McAfee J. W., 645 W 171st, New York
Reid-Geisler Mfg. Co., 5237 Ravenswood av, Chicago, Ill.

6499— Humidifying Apparatus

See also Moistening Apparatus, Air
American Blower Co., 1400 Russell, Detroit, Mich.
American Moistening Co. ("Comins" Sectional), 120 Franklin, Boston, Mass.
Besly Chas. H. & Co. ("Besly" for Abrasive Discs), 120 N Clinton, Chicago, Ill.
Braemer Air Conditioning Corp., Lafayette bldg, Philadelphia, Pa.
Briggs-Shaffner & Co. ("Hygrosso"), Winston-Salem, N. C.
Carrier Engng. Corpn., 39 Cortlandt, New York
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Cramer Stuart W., Charlotte, N. C.
Dicks, Slosson Co. (Inc.), Wentworth av, Chicago, Ill.
Duntley Products Sales Co., 343 S Dearborn, Chicago, Ill.
Eureka Blotter Bath Co. (Radiators), 302 B'way, New York
Green Fuel Economizer Co., Beacon, N. Y.
Humidity Engineering Co., 208 S La Salle, Chicago, Ill.
Johnson Service Co. ("Johnson" Humidostat), 153 Michigan, Milwaukee, Wis.
McCreary Engng. Co.,' Detroit, Mich.
Mineral Products Co. ("X Yno"), Rhinelander, Wis.
New England Ventilating & Heating Co., 926 Manton av, Providence, R. I.
Parks G. M. Co. ("Turbo" Humidifier), Fitchburg, Mass.
Reid-Geisler Mfg. Co., 5237 Ravenswood av, Chicago, Ill.
Rhode Island Humidifier Co., Boston, Mass.
Schutte & Koerting Co., 1251 N 12th, Phila., Pa.
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
Tillotson Humidifier Co., 78 Fountain, Providence, R. I.
Wiese Elec'l Appliance Co., 3217 Lisbon av., Milwaukee, Wis.

6500— Humiditors

Brown Specialty Machinery Co. (For Radiators), 2440 W 22d, Chicago, Ill.
Bubeck & Guerin, 161 W 18th, New York

6500a— *Humidors (Cigar)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Humidostats

See Humidifying Apparatus

6501—Huskers & Shredders (Corn)

See also Pickers & Huskers, Corn
Adams Husker Co., Marysville, O.
Appleton Mfg. Co. ("Appleton"), Batavia, Ill.
Case J. I. Threshing Machine Co., Racine, Wis.
Clark R. F. ("Clark"), 54 W Lake, Chicago, Ill.
Cleveland Lock Works ("Arm Saver"), Cleveland, O.
International Harvester Company of America (Inc.), ("Deering," "McCormick"), Harvester bldg, Chicago
Invincible Grain Cleaner Co. (Huskers Only), Silver Creek, N. Y.
Kolling Husker Works ("Kolling"), Arlington Heights, Ill.
Maytag Co. ("Success"), Newton, Ia.
Milwaukee Hay Tool Co., Layton Park, Milwaukee, Wis.
Ohio Cultivator Co., Bellevue, O.
Peerless Husker Co., 523 Cornwall av, Buffalo, N. Y.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Rosenthal Corn Husker Co. ("Rosenthal"), West Allis, Milwaukee, Wis.
Rumley Leo Tractor Co. ("Adams," "Advance," Eight & Twelve Roll), La Porte, Ind.
Smalley Mfg. Co., Manitowoc, Wis.
Sproul Matt Co. ("Carey Perfect"), Sparta, Ill.
U. S. Wind Engine & Pump Co. ("Standard"), Batavia, Ill.
Walker Mfg. Co., Council Bluffs, Ia.
Wallingford Mfg. Co. ("Excelsior"), Wallingford, Vt.
Walrath Alphonso Co. (Trunk Tin & Iron Huskers, etc), Fort Plain, N. Y.

6502— Hydrants (Dry Pipe)

Flint & Walling Mfg. Co., Kendallville, Ind.

6503— Hydrants (Fire)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Beaumont Valve & Hydrant Works, Kankakee, Ill.
Bourbon Copper & Brass Works, Cincinnati, O.
Cayuta Mfg. Co. ("K-U-T-A"), Sayre, Pa.
Chapman Valve Mfg. Co., Indian Orchard, Mass.
Coffin Valve Co., Neponset, Boston, Mass.
Columbian Iron Works, Chattanooga, Tenn
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.
Douglas W. & B., Middletown, Conn.
Drummond M. J. & Co., 51 Chambers, New York
Eddy Valve Co. (Post & Flush), Waterford, N. Y.
Flower-Stephens Mfg. Co., 107 Parkinson, Detroit, Mich.
Garratt W. T. & Co., 299 Fremont, San Francisco, Cal.
Glamorgan Pipe & Foundry Co., Lynchburg Va.
Howard Iron Works, Buffalo, N. Y.
Iowa Valve Co. ("Iowa"), Oskaloosa, Ia.
Kennedy Valve Mfg. Co., Elmira, N. Y.
Kupferle Jno. C. Foundry Co. ("Eclipse") 1st & Wright, St. Louis, Mo.
Loetzer Valve & Mfg. Co. ("Loetzer" Compression), Monroeton, Pa.
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
Macungie Brass & Mfg. Co. ("Niagara," "Peerless" & "Anti-Freezing"), Macungie, Pa.
McKim Foundry & Machine Co. ("Hooker") Lockport, N. Y.
Myers F. E. & Bro., 800 Orange, Ashland, O. *See adv index at end of book*
Norwood Engineering Co. ("Holyoke," "Walker"), Florence, Mass.
Pratt & Cady Co. ("P & C"), Hartford, Conn.
Queens City Brass & Iron Works, Cincinnati, O.
Rensselaer Valve Co. ("Corey"), Troy, N. Y.
Ross Valve Mfg. Co. (Portable), 9 Oakwood av, Troy, N. Y.
See adv index at end of book
Smith A. P. Mfg. Co. (High & Regular Pressure), East Orange, N. J.
South Park Foundry & Machine Co., St. Paul, Minn.
Stephens Roe Mfg. Co., Detroit, Mich.
Thompson J. & Co., Van Horn & Sophia, Phila, Pa.
Vogt Bros. Mfg. Co., Louisville, Ky.
See adv index at end of book
Walworth Mfg. Co., Boston, Mass.
Waterous Engine Works Co., 62 S Robert, St. Paul, Minn.
Wood R. D. & Co. ("Mathews" High Pressure), 400 Chestnut, Phila., Pa.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

6504— Hydrants (Fire Boat)

Wood R. D. & Co., 400 Chestnut, Phila., Pa.

6505—Hydrants (Fire, Crane Attachment)

Wood R. D. & Co., 400 Chestnut, Philadelphia, Pa.

6506— Hydrants (Wall)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.

6507—Hydrants (Yard & Wash)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Bourbon Copper & Brass Works, Cincinnati, Ohio
Columbiana Pump Co., Columbiana, O.
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.
Douglas W. & B., Middletown, Conn.
Fales & Jenks Machine Co., Pawtucket, R. I.
General Fire Extinguisher Co. (Surface & Fire), Providence, R. I.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Haydenville Co. ("Lewis"), Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
Illinois Malleable Iron Co., 1801 Diversey blvd., Chicago, Ill.
See adv index at end of book
Jarecki Mfg. Co., Erie, Pa.
Kemp C. M. Mfg. Co. (Yard "Climax" Iron or Wood), 405 E Oliver, Baltimore, Md.
Kupferle John C. Foundry Co. ("Total Eclipse," Yard & Wall), 1st & Wright, St. Louis, Mo.
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
Murdock Mfg. & Supply Co., 426 Plum, Cincinnati, O.
Myers F. E. & Bro., 800 Orange, Ashland, O. *See adv index at end of book*
Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
Neumeyer H. F. & Son ("American"), Macungie, Pa.
Nichol Thos. J. & Co., Pearl & Ludlow, Cincinnati, O.
Queen City Brass & Iron Works, Cincinnati, O.
Quirin Jno. & Bro. (Street), St. Clair, Pa.
Rumsey Pump Co., Ltd. ("Favorite" & "Eagle"), Box J, Seneca Falls, N. Y.
See adv index at end of book
Walworth Mfg. Co., Boston, Mass.
Washington Pipe & Foundry Co., Tacoma, Wash.

6508—Hydrate (Ammonium)

General Chemical Co., 25 Broad, New York

Hydrate of Alumina

See Alumina

Hydrate of Barytes

See Barium Hydrate

6509— Hydraulic Rams

Barnes Mfg. Co., Mansfield, O.
Columbus Pump Co., Columbiana, O.
Comstock Geo. S. & Son, ("Kline"), Mechanicsburg, O.
Crestline Mfg. Co. ("Crestline"), Crestline, Ohio
Crook H. E. Co., Inc., 28 Light, Baltimore, Md.
DEMING CO., Salem, O.
See adv index at end of book
Douglas W. & B., Middletown, Conn.
Garratt W. T. & Co., 299 Fremont, San Francisco, Cal.
Gawthrop Allen Jr., Wilmington, Del.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Humphrys Mfg. Co., Mansfield, O.
Kline Jas. M., Beavertown, Pa.
Love M. A. Mfg. Co., Rockford, Ill.
MYERS F. E. & BRO., 800 Orange, Ashland, O. *See adv index at end of book*
National Engng. & Equipment Co., Seattle, Wash.
Niagara Hydraulic Engine Co., Chester, Pa.
RIFE HYDRAULIC ENGINE MFG. CO., 90 West, New York
Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y.
See adv index at end of book
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

6510— Hydriatic Apparatus

Mott L. J. Iron Works, Trenton, N. J.

6511— Hydro-Carbon

Fulper Edward B., Trenton, N. J.
Lamson John S. & Bro., 347 Madison av, New York
Raven Mining Co. ("Kapak"), 140 S Dearborn, Chicago, Ill.
Scheel Wm. H. (Imp.), 159 Maiden lane, New York

6512— Hydrodeiks

Taylor Instrument Co.'s ("Tycos"), Rochester, N. Y.
See adv index at end of book

6513— Hydrogen

Air Reduction Sales Co., 120 Broadway, New York

6513a— Hydrogen Peroxide

Bene John & Sons, 645 Dean, Brooklyn, N. Y.
Brewer & Co., Worcester, Mass.
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Roessler & Hasslacher Chemical Co., 100 William, New York

6514— Hydrogrounds

Lord Mfg. Co., 105 W 40th, New York

6515— Hydrokineters

Schutte & Koerting Co. ("Koerting"), 1251 N 12th, Phila., Pa.

6516— Hydrometers

American Thermo-Ware Co. (Battery, for Storage Use), 16 Warren, New York
Berg James Mfg. Co., 3707 12th av, Brooklyn, N. Y.
Carbondale Instrument Co. (Oil, etc), Carbondale, Pa.
Du Vivier Ernest H. (Imp.), 30 Church, New York
Edelmann E. & Co. ("Break Not"), 341 E Ohio, Chicago, Ill.
Eimer & Amend, 205 3d av, New York
Freas Francis L., Conshohocken, Pa.
Greiner Emil Co., 55 Fulton, New York
Heil Henry Chemical Co., St. Louis, Mo.
Hoehn R. Co., 31 Union sq., New York
Huddleston J. S. F., 20 Devonshire, Boston, Mass.
Katz Wm. & Co., 1368 De Kalb av, Brooklyn, N. Y.
Kessling Edw., 96 Suydam, Brooklyn, N. Y.
Lenz Apparatus Co., 9 E 16th, New York
Moeller A. E. Co. (Acid, Battery-Meter, Thermo & Gasoline), 261 Sumplex, Brooklyn, N. Y.
Phila. Thermometer Co., 9th & Arch, Phila., Pa.
Precision Thermometer & Instrument Co., 1434 Brandywine, Phila., Pa.
Scientific Instrument Co., Detroit, Mich.
Star Brass Mfg. Co., 108 E Dedham, Boston, Mass.
Storage Battery Supply Co., 239 E 27th, New York
Tagliabue Chas. J. Mfg. Co., 18 33d, Brooklyn, N. Y.
Tagliabue G. (Est. of), 302 Pearl, New York
Taylor Instrument Companies ("Tycos"), Rochester, N. Y.
See adv index at end of book
Vuille Chas. A., Huntingdon, Pa.
Wagner Carl H., 1944 N Albany av, Chicago, Ill.
Wagner Glass Works (Also Barometers), 697 E 132nd, New York
Weinhagen Henry, 159 Leonard, New York
Weiskopf A., 16 S Clinton, Chicago, Ill.
Weiss Albert A. & Co., 572 Gates av, Brooklyn, N. Y.

6517— Hydrone

Roessler & Hasslacher Chemical Co. (For Producing Hydrogen), 100 William, New York

6518— Hydrophants

Huddleston J. S. F., 20 Devonshire, Boston, Mass.

6519— Hydroquinene

National Aniline & Chemical Co. (Inc.), 21 Burling Slip, New York

6520-1-2-3— Hygrometers

Davis Instrument Mfg. Co. (Pocket), 110 W Fayette, Baltimore, Md.
Draper Mfg. Co., 152 Front, New York
FOXBORO COMPANY, THE, Succeeding Industrial Instrument Co. ("Foxboro," Recording), Foxboro, Mass.
See adv index at end of book
Freas Francis L., Conshohocken, Pa.
Green Henry J. (Harr), 1191 Bedford av, Brooklyn, N. Y.
McCoy Joseph F. Co. ("Davis" Imported), 157 Chambers, New York
Philadelphia Thermometer Co. ("Masons," Wet & Dry Bulb), 9th & Arch, Phila., Pa.
Precision Thermometer & Instrument Co., 1434 Brandywine, Phila., Pa.
Queen-Gray Co., 618 Chestnut, Phila., Pa.
Tagliabue Chas. J. Mfg. Co., 18 33d, Brooklyn, N. Y.
Whitall, Tatum Co., 410 Race, Phila., Pa.

Hyposulphate of Soda

(See Sodium Hyposulphate)

Hyposulphide of Lead

(See Lead Hyposulphide)

Hyposulphite of Soda

(See Sodium Hyposulphite)

6524—Hypsometers or Thermo-Barometers

Green Henry J., 1191 Bedford av, Brooklyn, N. Y.

6525— *Ice Tanks & Pans

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
DOVER BOILER WORKS, Sales Office: 50 Church, New York; Works: Dover, N. J. *See adv index at end of book*
Leetonia Boiler Co., Leetonia, O.
TREADWELL CONSTRUCTION CO., Midland, Pa.
See adv index at end of book

6526—Icing Systems (Refrigerator Car)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

6527—*Idlers (Belt Conveyor)

LINK-BELT CO., 39th & Stewart av., Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

6528— Idlers (Grooved)

Dow Wire & Iron Works, Louisville, Ky.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av, & P. & R. Ry., Phila., Pa.
See adv index at end of book
Webster Mfg. Co., Tiffin, O.

6529—Igniters (Delay Electric)

HERCULES POWDER CO., Wilmington, Del. *See adv index at end of book*

6530—Igniters (Gas & Gasoline Engine)

(Magnetos & Dynamos)

Aerothrust Engine Co., La Porte, Ind.
Akar Ignition Co. ("Akar"), 149 Berkley, Wayne Junction, Phila., Pa.
Atwater-Kent Mfg. Works, 4937 Stenton av, Phila., Pa.
Bosch Magneto Co. ("Bosch" Magnetos), 223 W 46th, New York
Bijar Motor Lighting Co., 15th, Hoboken, N. J.
Christensen Engineering Co., 841 30th, Milwaukee, Wis.
Connecticut Telephone & Electric Co., Inc (Magnetos), Meriden, Conn.
Dayton Engng. Laboratories Co., Dayton, O.
Dayton Electrical Mfg. Co. ("Dayton"), Dayton, O.
Dayton Engineering Laboratories Co., Dayton, O.
Dow Mfg. Co., Braintree, Mass.
Elkhart Mfg. Co. ("Elkhart"), Monroe, Mich.
Heinze Electric Co., Lowell, Mass.
Hendricks Magneto & Electric Co. ("Comet"), Indianapolis, Ind.
Hercules Electric Co. ("Wizard" & "Star" Spark Generators), Indianapolis, Ind.
Herz & Co. ("Herz" High Tension Magneto), 245 W 55th, New York
Holtzer-Cabot Electric Co. ("The H-C Magneto"), 125 Amory, Boston, Mass.
Johns H. W.-Manville Co., Madison av & 41st, New York
K-W Ignition Co. ("Vim"), Chester av & E 30th, Cleveland, O.
Kendrick, Davis Co. ("K. & D"), Lebanon, N. H.
Knoblock-Heideman Mfg. Co., South Bend, Ind.
Kokomo Electric Co. ("Kingston"), Kokomo, Ind.
Marburg Bros. ("Mea" Magnetos), 90 West, New York
Motsinger Device Mfg. Co. ("Auto Sparker"), Lafayette, Ind.
Motor Compression Co., Newark, N. J.
North East Electric Co., Rochester, N. Y.
Noxon C. Per Lee, Syracuse, N. Y.
O'Brien Electrophone Co., Hallowell, Me.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Orswell Igniter Co., 95 Milk, Boston, Mass.
Remy Electric Co. ("Remy" Magnetos), Anderson, Ind.
Simplex Magneto Co. (Inc.), ("Simplex"), 1790 B'way, New York
Schug Elec. Mfg. Co. ("Schug" Ignition Storage Battery), Detroit, Mich.
Sevison Electric Co., Elkhart, Ind.
Sleeper Co. ("M. & S.," also Automobile Magneto), Fowler, Ind.
Splitdorf Electrical Co. (High & Low Tension Magnetos), 98 Warren, Newark, N. J.

Standard Motor Construction Co., 180 Whiton, Jersey City, N. J.
Stecker Elec. & Machine Co., Detroit, Mich.
Sumter Elec'l Co. ("Dixie," "Sumter," "Imp" and "Saton"), 1466 Michigan av, Chicago, Ill.
Thordarson Elec. Mfg. Co. ("Thordarson"), 507 S Jefferson, Chicago, Ill.
Tritt Electric Co., Union City, Ind.
Troy Auto Specialty Co., Troy, N. Y.
Wagner-Hoyt Elec. Co., 1902 B'way, New York
Webster Electric Co., Racine, Wis.
Wells R. C. Mfg. Co., Fond du Lac, Wis.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Witherbee Igniter Co. ("Volta" & "Witherbee" Storage Battery Igniter), 1904 B'way, New York

Ignition Apparatus

See Batteries; also Coils, Spark; also, Plugs, Spark; also Igniters, Gas & Gasoline Engine.

6531—Illuminated Thresholds for Elevators

Elevator Supplies Co. ("Ricketts"), Hoboken, N. J.

6532— Illuminators (Oven)

Allbrecht Francis J. (For Bakers' Ovens), Pittsburgh, Pa.
Beitner George L. ("Perfect"), Bridgeport, Conn.
Dutchess Tool Co. ("Eureka," Gas or Electric, "Cincinnati," Oil), Fishkill-on-Hudson, N. Y.
Robson Chas. & Co. ("Robson"), 8th & Washington av, Phila., Pa.

6533—Impregnating (Vacuum Process)

Devine J. P. Co., Buffalo, N. Y.
Nelson I. R. (To Impregnate Magnet, Field & Transformer Coils, Armatures, Insulator Pins, etc), 85 Columbia, Newark, N. J.

6534—*Impregnators (Fabric)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

6535—Incandescent Lamp Turndown Attachment

Wirt Co. ("Dim-A-Lite"), Germantown, Phila., Pa.

Incinerators (Garbage)

See Garbage Disposal Plants

6536—Incinerators (Night Soil & Refuse)

McCall Incinerator Co., Memphis, Tenn.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
ODORLESS CONSTRUCTION CO., 103 Park av, New York
Stearns E. C. & Co. ("Incinerite" Refuse), 450 Oneida, Syracuse, N. Y.
U. S. Incinerator Co., Buffalo, N. Y.

6537—Incinerators (Platinum)

Bishop J. & Co., Malvern, Pa.

6538— Incinerators (Rotary)

Manitowoc Engineering Works, Manitowoc, Wis.
Pusey & Jones Co., ft Poplar, Wilmington, Del.

6538a— Incinerators (Toilet)

For camps, hospitals, and wherever dry sewage has to be met. This system is a complete solution of this difficult problem.

MACLEOD CO., 2227 Bogen St., Cincinnati, O.

Inclinators (Carboy)

See Rockers, Carboy

6539— Incline Planes

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Milholland J. &. J. B. Co., 714 5th av, Pittsburgh, Pa.

6540— Inclinometers

STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

6541—Increasers (Closet Spud)

Trenton Brass & Machine Co., Trenton, N. J.

6542—Incubators (Bacteriological)

Castle Wilmot Co., Rochester, N. Y.
Gray Peter & Sons, Inc., 286 3d, East Cambridge, Mass.

6543—Incubators & Brooders

Axford Incubator Co., 750 E 45th, Chicago, Ill.
Banta & Bender Company, Ligonier, Ind.
Belle City Incubator Co. ("Belle City"), Racine, Wis.
Bennett J. A. & Son ("Champion"), Gouverneur, N. Y.
Buckeye Incubator Co. ("Bantam," "Buckeye"), Springfield, O.
Buffalo Incubator Co., 543 Seneca, Buffalo, N. Y.
Burr Incubator Co., Omaha, Neb.
Cabinet Mfg. Co., Quincy, Ill.
Candee Incubator & Brooder Co. ("Candee" Hot Air & Hot Water), Eastwood, N. Y.
Croley Geo. H. Co., 8th & Townsend, San Francisco, Cal.
Cycle Hatcher Co., Elmira, N. Y.
Cyphers Incubator Co., 95 Dewey av, Buffalo, N. Y.
Des Moines Incubator Co. ("Crescent," "Eclipse," "Successful"), Des Moines, Ia.
Ertel Geo. Co. ("Hatching Wonder," Improved Victor," "Poor Man's Friend"), Quincy, Ill.
Essex Robt. Incubator Co., Buffalo, N. Y.
Fosston Mfg. Co. ("World"), 473 Cleveland, St. Paul, Minn.
Fremont Mfg. Co. ("Sure Hatch"), Fremont, Neb.
Gem Mfg. Co., Greenville, O.
Hall Mammoth Incubator Co., Little Falls, N. Y.
Hodgson Ernest F. Co. ("Peep-o-Day"), 116 Washington, Boston, Mass.
Humphreys & Sons, Joliet, Ill.
Indianapolis Corrugating Co. "Simplicity" Incubators, "None-Such" Brooders), Indianapolis, Ind.
Ironclad Incubator Co. ("Ironclad"), Racine, Wis.
Johnson M. M. Company, Clay Centre, Neb.
Jones, Post & Co. ("Great Western"), Racine, Wis.
Klondike Incubator Co. ("Klondike"), Des Moines, Ia.
Leahy Mfg. Co. ("Favorite"), Higginsville. Mo.
Manson-Campbell Co. ("Chatham"), Campbell & Leavitt, Detroit, Mich.
Merryman S. Howard, Towson, Md.
Miller J. W. Co., Rockford, Ill.
Model Incubator Co., Buffalo, N. Y.
National Incubator Co., Racine, Wis.
Nebraska Incubator Co. ("Fairfield"), Fairfield. Neb.
Neubert R. F. Co., Mankato, Minn.
Northwestern Stamping Co. (Brooders), Burlington, Ia.
Petaluma Incubator Co., Petaluma, Cal.
Phillips Oliver P., Amo, Ind.
Prairie State Incubator Co., Homer City, Pa.
Progressive Incubator Co. ("Racine"). Racine, Wis.
Queen Incubator Co., Lincoln, Neb.
Rayo Incubator Co. ("Rayo"), Omaha, Neb.
Reeves Mfg. Co., Dover, O.
Reliable Incubator & Brooder Co., Quincy, Ill.
Sheer H. M. Co. ("Peerless"), Quincy, Ill.
Spokane Incubator Co. ("Spokane"), Spokane, Wash.
Springfield Incubator Co. (All Metal, Automatic), Springfield, O.
Stahl Geo. H. ("Excelsior," Wooden Hen), Quincy, Ill.
Sure Hatch Incubator Co. ("Sure Hatch"), Fremont, Neb.
Uhl M. & Co., New Washington, O.
Weimer Abe, Ligonier, Ind.
Wisconsin Incubator Co., Racine, Wis.

6544— Indexes (Book)

Amberg File & Index Co., 1400 Fulton, Chicago, Ill.
Burr Index Co., Hartford, Conn.

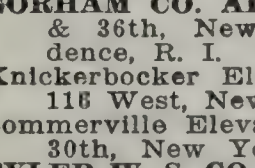
6545— Indian Clubs

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Hellenberg J. B. Co., Coldwater, Mich.
Roneo Co., 117 Leonard, New York
Saginaw Wood Products Co., Gaylord, Mich.
Somer Jno. Faucet Co., 355 Central av, Newark, N. J.

6546—*Indicator Attachments

LUNKENHEIMER CO., Executive Offices and Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book

6546a—*Indicator (Reducing Motion)



NUGENT, WM. W. & CO., 146 W. Superior, Chicago, Ill.
See adv index at end of book

6547—*Indicators (Ammonia)

SCHAEFFER & BUDENBERG MFG. CO., Berry & So 5th, Brooklyn, N. Y.
See adv index at end of book

6548—Indicators (Carbon Dioxide)

Bacharach Industrial Instrument Co., 14 Wood, Pittsburgh, Pa.
Uehling Instrument Co., 71 B'way, New York

6549— Indicators (Centre)

Alert Tool Co., 221 N 23d, Phila., Pa.

6550—Indicators (Combustion)

American Safety Lamp & Mine Supply Co. ("Westover"), Scranton, Pa.
Bacharach Industrial Instrument Co., 14 Wood, Pittsburgh, Pa.
Dwight Mfg. Co., 12 S. Jefferson, Chicago, Ill.
Uehling Instrument Co., 71 Broadway, New York

6551— Indicators (Course)

Hand John & Sons Co. ("Faulkner-Ellis"), 222 Walnut, Phila., Pa.

6552— Indicators (Draft)

Uehling Instrument Co., 71 Broadway, New York

6553—Indicators (Electric Speed)

WESTINGHOUSE ELECTRIC & MFG. CO. (Automobile Engine), East Pittsburgh, Pa. *See adv index at end of book*
Weston Electrical Instrument Co., Waverly Park, Newark, N. J.

6554— Indicators (Elevator)

Elevator Supplies Co. (Mechanical), Hoboken, N. J.
GORHAM CO. ARCH'L BRONZE, 5th av & 36th, New York. Works: Providence, R. I. *See adv index at end of book*
Knickerbocker Electric Co. (Mechanical), 116 West, New York
Sommerville Elevator Co. (Fluid), 156 W 30th, New York
TYLER W. S. CO., Cleveland, O.
See adv index at end of book

6555—Indicators (Engine & Efficiency)

Bacharach Industrial Instrument Co., ("Maihak"). 14 Wood, Pittsburgh, Pa.

6556—Indicators (Fuel Level)

Akron-Selle Co., Akron, O.
Apex Electric Mfg. Co., 1410 W 59th, Chicago, Ill.
Boston Auto Gage Co. ("Triumph"), 8 Waltham, Boston, Mass.
Janney, Steinmetz & Co., 1421 Chestnut, Phila., Pa.
Moto-Meter Co. (Inc.), 15 Wilbur av, L. I. City, N. Y.
NATIONAL GAUGE & EQUIPMENT CO. ("National"), La Crosse, Wis.
See adv index at end of book
Retlaw Mfg. Co., 812 Woodbridge, Detroit, Mich.
Ritz-Woller, Oliver Co. ("Jr. Gasometer"), 166 W Lake, Chicago, Ill.
Rochester Mfg. Co. ("Mercury"), 891 Halstead, Rochester, N. Y.

6557— Indicators (Gas)

American Safety Lamp & Mine Supply Co. ("Beard-Mackie"), Scranton, Pa.
Bacharach Industrial Instrument Co., 14 Wood, Pittsburgh, Pa.
Uehling Instrument Co., 71 B'way, New York

6558—Indicators (Gas Engine)

American Steam Gauge & Valve Mfg. Co. ("American Thompson Improved") 208 Camden, Boston, Mass.
Bacharach Industrial Instrument Co., 14 Wood, Pittsburgh, Pa.
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
Meriam Co. ("Meriam"), 1514 Prospect av, Cleveland, O.
Rochester Mfg. Co., 891 Halstead, Rochester, N. Y.
SCHAEFFER & BUDENBERG MFG. CO., Berry & So 5th, Brooklyn, N. Y.
See adv index at end of book
Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.
Trill Indicator Co. ("Triumph"), Corry, Pa.

6559—Indicators (Gas Leak)

Bacharach Industrial Instrument Co., 14 Wood, Pittsburgh, Pa.
Taylor Instrument Co.'s, Rochester, N. Y.
See adv index at end of book

6560— Indicators (Helm)

Cory Chas. & Son, 286 Spring, New York
Electro-Dynamic Co., Bayonne, N. J.
Hyde Windlass Co., Bath, Me.
McNab Co. ("McNab"), Bridgeport, Conn. *See adv index at end of book*
Marine Electrical Co., Lorain, O.

6561—*Indicators (Hydraulic)

SCHAEFFER & BUDENBERG MFG. CO., Berry & So. 5th, Brooklyn, N. Y.
See adv index at end of book

6562— Indicators (Lathe)

Brown & Sharpe Mfg. Co., Providence, R. I.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book
WALTHAM MICROMETER DIAL GAUGE CO. ("Randall & Stickney Dial"), Waltham, Mass.
See adv index at end of book

6563—Indicators (Lightning)

Bajohr Carl Lightning Conductor Co., 4055 Keokuk, St. Louis, Mo.

6564—Indicators (Locomotive Train Number)

Handlan-Buck Mfg. Co., 210-14 N 3rd, St. Louis, Mo.

6565—Indicators (Log Setting)

Filer & Stowell Co., Milwaukee, Wis.
Lane Mfg. Co., Montpelier, Vt.

Indicators (Low Water)

See Alarms, Low Water

6566— Indicators (Machine)

Norton Grinding Co. (For Testing Truth & Alignments of Machine Parts), Worcester, Mass.
WALTHAM MICROMETER DIAL GAUGE CO. ("Randall & Stickney Dial"), Waltham, Mass.
See adv index at end of book

6567— Indicators (Marine)

American Speed Indicator Co. ("Kenny"), New London, Conn.
Cummings Ship Instrument Works ("Cummings" direction, also speed), 110 High, Boston, Mass.
McNAB CO. ("McNab" Direction & Revolution), Bridgeport, Conn.
See adv index at end of book

6568—Indicators (Phase Rotation)

Minerallac Electric Co., 1045 Washington bl, Chicago, Ill.

6569— Indicators (Polarity)

Brown Instrument Co. (Potential & Current), Wayne & Windrim av, Phila., Pa.
Dale Lighting Fixture Co., 107 W 13th, New York
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
Steele Glass Co., 622 Locust, Phila., Pa.

6570— Indicators (Post)

Glamorgan Pipe & Fdry Co., Lynchburg, Va.

6571—Indicators (Railroad Speed)

Stewart-Warner Speedometer Corp. ("Warner"), 1826 Diversey parkway, Chicago, Ill.

6572—*Indicators (Reducing Motion)

NUGENT W. W. & CO., 146 Superior, Chicago, Ill. *See adv index at end of book*

6573-4—Indicators (Revolution Recording)

Brown Instrument Co. ("Brown," for Recording the Speed of Blowing Engines at Blast Furnaces), Wayne & Windium avs, Phila., Pa.
Uehling Instrument Co., 71 B'way, New York

6575—Indicators (Sight Flow)

LUNKENHEIMER CO. ("Independent" & "Unit"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Richardson-Phenix Co. ("Phenix" to Indicate Oil, Gas or Water Flow in Pipe Lines), 122 Reservoir, Milwaukee, Wis.

6576— Indicators (Smoke)

Boiler Room Improvement Co., South Dearborn, Chicago, Ill.
Simonds G. L. & Co. ("Eclipse"), 230 S La Salle, Chicago, Ill.
Vulcan Fuel Economy Co., 508 Gaff bldg, Chicago, Ill. *See adv index at end of book*

6577—Indicators (Specific Gravity)

Precision Instrument Co. ("Gravitometer"), Detroit, Mich.

6578— Indicators (Speed)

See also Tachometers

American Speed Indicator Co. ("Kenny" Marne), New London, Conn.
Bowsher N. P. Co. ("Bowsher" Speed or Motion, for Machinery, etc.), South Bend, Ind.
Brown Instrument Co. (Recording Revolution with Chart), Wayne & Windium avs, Phila., Pa.
Brown & Sharpe Mfg. Co., Providence, R. I.
Cleveland Speed Indicator Co. (Auto, etc), W 112th & Locust, Cleveland, O.
Cummings Ship Instrument Works ("Cummings" Marine), 110 High, Boston, Mass.
Disston Henry & Sons (Inc.), Tacony, Philadelphia, Pa.
Durant Mfg. Co. ("The Producimeter"), 655 Buffum, Milwaukee, Wis.
Emerson, Smith & Co., Beaver Falls, Pa.
FOXBORO COMPANY, THE, Succeeding Industrial Instrument Co. ("Foxboro" For Speed & Stroke), Foxboro, Mass.
See adv index at end of book
Goodell Pratt Co., Greenfield, Mass.
Greene, Tweed & Co. ("Empire," "Weiss"), 109 Duane, New York
Hart R. A., Battle Creek, Mich.
Holtzer-Cabot Electric Co. (Electro Magnetic), 125 Amory, Boston, Mass.
Lombard Governor Co. (Long Distance), Ashland, Mass.
McDonnell Odomoter Co., 3501-3 S Kedzie av, Chicago, Ill.
Packer Thos. ("L. B. Taylor's"), Union City, Conn.
SCHAEFFER & BUDENBERG MFG. CO., Berry & So 5th, Brooklyn, N. Y.
See adv index at end of book
Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book
Stewart-Warner Speedometer Corp. ("Warner"), 1826 Diversey parkway, Chicago, Ill.
Tanit Co. ("Taylor"), Stroudsburg, Pa.
Uehling Instrument Co., 71 B'way, New York
Veeder Mfg. Co. ("Veeder"), Hartford, Conn.
Woodman R. Mfg. & Supply Co. ("Woodman & Hudson's"), 82 Sudbury, Boston, Mass.

6579—Indicators (Steam Engine)

Ashcroft Mfg. Co. ("Tabor"), 119 W 40th, New York
Bacharach Industrial Instrument Co. ("Maihak"), 14 Wood, Pittsburgh, Pa.
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
Jost's Edmund Sons, 48 Dickerson, Newark, N. J.
Robertson Jas. L. & Son ("Robertson," "Thompson"), 78 Murray, New York
SCHAEFFER & BUDENBERG MFG. CO., Berry & So 5th, Brooklyn, N. Y.
See adv index at end of book
Star Brass Mfg. Co. ("Star"), 108 Dedham, Boston, Mass.
Thompson Richard & Co. ("Thompson's 20th Century" "Bachelder," Adjustable), 126 Liberty, New York
Trill Indicator Co. ("Trill," "Triumph," "Perfection"), Corry, Pa.
Uehling Instrument Co., 71 B'way, New York

6580—*Indicators (Surface Speed)

SCHAEFFER & BUDENBERG MFG. CO., Berry & So 5th Brooklyn, N. Y.
See adv index at end of book

6581—Indicators (Switch & Tower)

Federal Signal Co. Albany, N. Y.
United Electric Apparatus Co., 1529 Columbus av, Boston, Mass.

6582—*Indicators (Synchronism)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

6583— Indicators (Tank)

See also Alarms High & Low Water

Baltimore Cooperage Co., The, cor. Hanover & Creek, Baltimore, Md.
Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
Flint & Walling Mfg. Co., Kendallville, Ind.
Quimby Engineering Co. ("U. S. Standard" Mercury), 913 Ridge av, Phila., Pa.
Rochester Mfg. Co., 891 Halstead, Rochester, N. Y.

6584— Indicators (Test)

Ames B. C. Co. ("Ames" dial), Waltham, Mass.
Boulet Fine Tool Works ("Boulet's" Universal Micrometer), Sebago Lake, Me.

Brown & Sharpe Mfg. Co. (Dial Lathe, etc.), Providence, R. I.
Johnson & Miller, 42 Murray, New York
Koch Henry, Nyack, N. Y.
Lowe Henry A. ("Last Word") Cleveland, O.
Reisner W. H. Mfg Co. (Dial Lens), Hagerstown, Md.
Robinson C. E. Co., Orange, Mass.
STARRETT L. S. CO. (THE), ("Universal"), Athol, Mass.
See adv index at end of book
WALTHAM MICROMETER DIAL GAUGE CO. ("Randall & Stickney" Dial Lathe, etc.), Waltham, Mass.
See adv index at end of book

6585—Indicators (Train Arrival & Departure)

National Indicator Co., 852 Vernon av, Long Island City

6586— Indicators (Valve)

Walworth Mfg. Co. (The Half), Boston, Mass.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

6587— Indicators (Water)

See Alarms, Low Water, for Boilers

6588— Indigo

See also Aniline Colors, Dyes & Dyestuffs
Arnold Hoffman & Co. (Imp.), 55 Canal, Providence, R. I.
Holliday Read & Sons, Ltd., 160 Franklin, New York
Kalle Color & Chemical Co., 530 Canal, New York
Klipstein A. & Co., 644 Greenwich, New York
Nat'l Aniline & Chemical Co., 21 Burling Slip, New York
Ransom L. E. Co. (Imp.), 279 Pearl, New York
United Indigo & Chemical Co. (Ltd.), 176 Federal, Boston, Mass.

6589— Indigotine

Berlin Aniline Works (Imp.), 213 Water, New York

6590— Indurated Fibre Ware

Fibre Corporation ("Fibrotta"), Lockport, N. Y.

6590a— Industrial (Enamel)

Ceresit Waterproofing Co. ("Luxstar White"), 110 S Dearborn, Chicago, Ill.

6590b—*Industrial Locomotives

See also Locomotives, Industrial & Mine

LAKEWOOD BUILT TO LAST The LAKEWOOD ENGINEERING Co. CLEVELAND. OHIO. U.S.A

6590c— *Industrial Transportation Systems

Lakewood Engng. Co., Cleveland, O.
See adv index at end of book

6590d—*Industrial Trucks (Storage Battery)

LAKEWOOD BUILT TO LAST The LAKEWOOD ENGINEERING Co. CLEVELAND. OHIO. U.S.A

6590e— Ingot Heating

ROCKWELL W. S. CO., 50 Church, New York, *See adv index at end of book*

6591— Ingots (Aluminum)

Aluminum Co. of America, Oliver bldg, Pittsburgh, Pa.
See adv index at end of book
American Alloys Co., American bldg, Baltimore, Md.
Birkenstein S. & Sons, 377 W Ontario, Chicago, Ill.
Coates, Bennett & Reidenbach, Rochester, N. Y.
Eagle Smelting & Refining Works, 233 B'way, New York
Earle E. P., 165 B'way, New York
Electric Smelting & Aluminum Co., Lockport, N. Y.
Great Western Smelting & Refining Co., 41st & Wallace, Chicago, Ill.
Humphreys E. C. Co. (⅜" Rod), Book bldg, Detroit, Mich.
Jacobson I. M. & Sons Co., 70 Catherine, Detroit, Mich.
Janney, Steinmetz & Co., 1421 Chestnut, Phila., Pa.
Jobbins W. F., Aurora, Ill.
McINNES CHARLES E. & CO., Mariner & Merchants bldg., Phila., Pa.
Metal Products Co. (Inc.), 100 So. Jefferson, Chicago, Ill.
See adv index at end of book

MICHIGAN SMELTING & REFINING CO
1695 Jos. Campau, Detroit, Mich.

More-Jones Brass & Metal Co. (Pure & Casting), B'way & Dock, St. Louis, Mo.
Nassau Smelting & Refining Works, 603 W 29th, New York
National Smelting Co., Grant av, Cleveland, O.
Richards & Company, Inc., 192 Beverly, Boston, Mass.
Seligman Arthur (Imp.), 165 B'way, New York
UNITED SMELTING & ALUMINUM CO. (INC.), 183-189 Commerce, New Haven, Conn. *See adv index at end of book*

ALUMINUM
Ingots—Sheets—Rods—Granulated
UNITED SMELTING & ALUMINUM CORP.
NEW HAVEN, CONN.
Branches { 24 Stone Street, New York City
1334 Dime Bank Bldg., Detroit, Mich.

U. S. Reduction Co., East Chicago, Ind.
Vanadium Metals Co., Vanadium, Pittsburgh, Pa.
Vernon Metal & Produce Co., 25 Beaver, New York
Winter Son & Co., 64 Wall, New York

6592—Ingots (Brass & Copper)

Ajax Metal Co. ("Ajax" Red & Yellow Brass), 46 Richmond, Phila., Pa.
American Alloys Co., American bldg, Baltimore, Md.
American Smelting & Refining Co. (Copper), 120 B'way, New York
Balbach Smelting & Refining Co. ("N. B. C," and "B. B." Brand Copper), 580 Market, Newark, N. J.
Bethlehem Steel Co., So Bethlehem, Pa.
Birkenstein S. & Sons (Copper Only), 377 W Ontaria, Chicago, Ill.
Brady Brass Co., 170 14th, Jersey City, N. J.
Breuer C. R. Metal Refining, 1312 Dayton, Cincinnati, O.
Clendenin Bros. (Copper), Central av & Fawn, Baltimore, Md.
Coates, Bennett & Reidenbach, Rochester, N. Y.
Crown Smelting Co., Chester, Pa.
DAMASCUS BRONZE CO. ("Damascus"), N S, Pittsburgh, Pa.
See adv index at end of book

Duquesne Reduction Co., Farmers' Bank bldg, Pittsburgh, Pa.
Eagle Smelting & Refining Works, 233 B'way, New York
Earle E. P. (Copper), 165 B'way, New York
Eastern Brass & Ingot Corp. of N. Y. (Brass Briquets), Waterbury, Conn.
Edna Brass Mfg. Co. (Brass Only), Cincinnati, O.
Fidelity Metal Co., 192 Diamond, Brooklyn, N. Y.
Fumkawa & Co., Ltd., (Imp. Copper), 120 B'way, New York
Great Western Smelting & Refining Co., 41st & Wallace, Chicago, Ill.
Hayman Mich'l & Co. (Copper), Buffalo, N. Y.
Hendricks Bros. (Copper), 49 Cliff, New York
Henning V. & Sons, 330 Belmont av, Brooklyn, N. Y.
Hiertz Theo. Metal Co., Alaska & Tesson, St. Louis, Mo.
Honkamp Bros., 3951 Wentworth av, Chicago, Ill.
Humphreys E. C. Co. (Red & Yellow Brass), Book bldg, Detroit, Mich.
Hurley & Wainwright (Selling Agents), 81 Fulton, New York
ILLINOIS SMELTING & REFINING CO. (Brass), 410 N Peoria, Chicago, Ill.
See adv index at end of book
Kahn Bros., 785 Humboldt, Brooklyn, N. Y.
Kramer H. & Co., 730 S Canal, Chicago, Ill.
LEAVITT C. W. & CO. (Copper Only), 34 Church, New York
See adv index at end of book
LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y. *See adv index at end of book*
Merchant & Evans Co., 2035 Washington av, Phila., Pa.
See adv index at end of book
Metal Block Corp. (Brass Briquets), 208 S LaSalle, Chicago, Ill.
Metal Products Co. (Inc.), 100 So. Jefferson, Chicago, Ill.
See adv index at end of book

MICHIGAN SMELTING & REFINING CO.
1695 Jos. Campau, Detroit, Mich.

More-Jones Brass & Metal Co. (Brass), B'way & Dock, St. Louis, Mo.
Nassau Smelting & Refining Works, 603 W 29th, New York
National India Rubber Co., Bristol, R. I.
North American Smelting Co., 9th & Thompson, Phila., Pa.
Ohio Metal Co., 1137 No 4th, Columbus, O.
Phelps Dodge Corp. (Copper), 99 John, New York
Pittsburgh Smelting & Refining Co., Elizabeth & B. & O. R. R., Pittsburgh, Pa.
Reeves Paul S. & Co. (Red, White & Yellow Brass & Pure Copper, etc), 1415 Catharine, Phila., Pa.
Richards & Company, Inc. (Red & Yellow Brass), 192 Beverly, Boston, Mass.
Roessing Bronze Co., Etna, Pa.
Selby Smelting & Lead Co. (Copper), 201 1st, San Francisco, Cal.
Syracuse Smelting Works ("Stanley Process"), 192 Diamond, Brooklyn, N. Y.
Tottenville Copper Co. (O. C. T.), Bedell, Tottenville, N. Y.
United Metals Selling Co., 42 B'way, New York
UNITED SMELTING & ALUMINUM CO. (INC.), (Jobers), 183-189 Commerce, New Haven, Conn.
See adv index at end of book
United States Reduction Co. (Red & Yellow Brass Copper, Phospher Copper, etc), East Chicago, Ind.
Vanadium Metals Co. (Brass Only), Vanadium bldg, Pittsburgh, Pa.
Vernon Metal & Produce Co., 25 Beaver, New York
Vogelstein L. & Co., 42 B'way, New York
Vulcan Louisville Smelting Co. ("Vulcan"), 208 S La Salle, Chicago, Ill.
Whipple & Choate (Red & Yellow Brass, etc), Bridgeport, Conn.
White & Bros. (Inc.) (Red & Yellow Brass, etc), Hedley & Del river, Phila., Pa.
Woodfall Bros., 1105 Fairmount av, Phila., Pa.
Youngs Geo. S. ("Y"), Bridgeport, Conn.

6593— Ingots (Bronze)

INGOTS

UP TO THE LARGEST SIZES

MESTA MACHINE COMPANY

PITTSBURGH, PA., U. S. A.

Ajax Metal Co. ("Ajax" Acid, Hydraulic, etc), 46 Richmond, Phila., Pa.
American Alloys Co., American bldg, Baltimore, Md.
Coates Bennett & Reidenbach, Rochester, N. Y.
Damascus Bronze Co. ("Damascus"), N S, Pittsburgh, Pa.
See adv index at end of book
Eagle Smelting & Refining Works, 233 Broadway, New York
Edna Brass Mfg. Co., Cincinnati, O.
Genesee Metals Co., Rochester, N. Y.
Great Western Smelting & Refining Co., 41st & Wallace, Chicago, Ill.
Henning V. & Sons, 330 Belmont av, Brooklyn, N. Y.
Jacobson I. M. & Sons Co., 70 Catherine, Detroit, Mich.
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
National Fulton Brass Mfg. Co. ("Monarch"), 28 Brush, Detroit, Mich.
Nassau Smelting & Refining Works, 607 W 29th, New York
Reeves Paul S. & Co., 1415 Catharine, Phila., Pa.
Roessing Bronze Co., Etna, Pa.
United Smelting & Aluminum Co. (Inc.), 183-189 Comerce, New Haven, Conn.
See adv index at end of book
Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.
Youngs Geo. S. ("Y."), Bridgeport, Conn.

Ingots (Copper)

See Ingots, Brass & Copper

Ingots (Iron)

See Pig Iron

Ingots (Lead)

See Lead, Pig

6594—Ingots (Manganese Bronze)

Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.
American Alloys Co., American bldg, Baltimore, Md.
AMERICAN MANGANESE BRONZE CO. ("S. M. B." "A. M. B."), 3501 Rhawn, Phila., Pa.
Atkinson Co., Rochester, N. Y.
Cramp Wm. & Sons Ship & Engine Building Co. ("Parsons"), Beach & Ball, Phila., Pa.
Eagle Smelting & Refining Works, 233 Broadway, New York
Electric Smelting & Aluminum Co., Lockport, N. Y.
Jacobson I. M. & Sons Co., 70 Catherine, Detroit, Mich.
LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y.
See adv index at end of book
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
Nassau Smelting & Refining Works, 607 W 29th, New York
North American Smelting Co., 9th & Thompson, Phila., Pa.
Reeves Paul S. & Co. ("Tubal"), 1415 Catharine, Phila., Pa.
Whipple & Choate, Bridgeport, Conn.

6595— Ingots (Nickel)

Nassau Smelting & Refining Works, 607 W 29th, New York
UNITED STATES NICKEL CO., New Brunswick, N. J.

6596—Ingots (Phosphor Bronze)

Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.
American Alloys Co., American bldg, Baltimore, Md.
Atkinson Co., Rochester, N. Y.
Crown Smelting Co., Chester, Pa.
Damascus Bronze Co. ("Damascus"), N S, Pittsburgh, Pa.
See adv index at end of book
Eagle Smelting & Refining Works, 233 B'way, New York
Edna Brass Mfg. Co., Cincinnati, O.
Electric Smelting & Aluminum Co., Lockport, N. Y.
Great Western Smelting & Refining Co., 41st & Wallace, Chicago, Ill.
Jacobson I. M. & Sons Co., 70 Catherine, Detroit, Mich.
LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y.
See adv index at end of book

MICHIGAN SMELTING & REFINING CO.

1695 Jos. Campau, Detroit, Mich.

More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
Nassau Smelting & Refining Works, 607 W 29th, New York
North American Smelting Co., 9th & Thompson, Phila., Pa.
Phosphor Bronze Smelting Co., 2200 Washington av, Phila., Pa.
Reeves Paul S. & Co., 1415 Catharine, Phila., Pa.
Whipple & Choate, Bridgeport, Conn.

6597— Ingots (Steel)

See also Billets, Blooms & Slabs, Steel

ALLOY STEEL PRODUCTS CORP., 30 Church, New York
See adv index at end of book
American Bridge Co. (Open Hearth), 30 Church, New York
American Tube & Stamping Co. (Open Hearth), Bridgeport, Conn.
Andrews Steel Co. (Basic Open Hearth), Newport, Ky.
Ashland Steel Co. (Bessemer), Ashland, Ky.
Atlantic Steel Co., Atlanta, Ga.
Bethlehem Steel Co. (Open Hearth), South Bethlehem, Pa.
BRADDOCK MFG. CO. (Acid Open Hearth), Braddock, Pa.
Buchanan Electric Steel Co. (Electric), Buchanan, Mich.
Buckeye Steel Castings Co., Columbus, O.
Cambria Steel Co. (Bessemer Open Hearth), Widener bldg, Phila., Pa.
Carbon Steel Co. (Acid & Basic Open Hearth), ft. 32nd, Pittsburgh, Pa.
Carnegie Steel Co. (Open Hearth & Bessemer), Carnegie bldg, Pittsburgh, Pa.
Central Iron & Steel Co. (Open Hearth), Harrisburg, Pa.
Chrome Steel Works (Chrome Steel), Chrome, N. J.
Colorado Fuel & Iron Co, (Bessemer & Open Hearth), Denver, Col.
Crucible Steel Co. of America (Crucible & Open Hearth), Oliver bldg, Pittsburgh, Pa.
Farist Steel Co. (Crucible), Bridgeport, Conn.
FRASSE PETER A. & CO. (INC.), 417 Canal, New York
See adv index at end of book
General Steel Co., Public Service bldg, Milwaukee, Wis.
Gulf States Steel Co. (Basic Open Hearth), Birmingham, Ala.
Harrisburg Pipe & Pipe Bending Co. (Open Hearth), Harrisburg, Pa.
Illinois Steel Co. (Forging Ingots), 208 S La Salle, Chicago, Ill.
Jessop Steel Co. (Crucible), Washington, Pa.
Judson Mfg. Co. (Open hearth steel ingots for forging of crank shafts and for shipbuilding purposes), 819 Folsom, San Francisco, Cal.
Lackawanna Steel Co. (Bessemer & Open Hearth), Buffalo, N. Y.
Laclede Steel Co., Federal Reserve Bank bldg, St. Louis, Mo.
Lukens Steel Co. (Open Hearth), Coatesville, Pa.
McConway & Torley Co. (Acid Open Hearth), 48th & A. V. R. R., Pittsburgh, Pa.
Penn Seaboard Steel Corp. (Cast), Franklin blk, Phila, Pa.
Phoenix Iron Co. (Acid & Basic Open Hearth), 22 S. 15th, Phila., Pa.
Pittsburgh Steel Foundry (Open Hearth Cast Up to 70,000 lbs.), House bldg, Pittsburgh, Pa. Works: Glassport,
Republic Iron & Steel Co., Youngstown, O.
Tennessee Coal, Iron & R. R. Co. (Open Hearth, Rail, etc), Birmingham, Ala.
Tremont Nail Co. (Soft & Hard Steel), West Wareham, Mass.
West Leechburg Steel Co. (Basic Open Hearth), Farmers Bank bldg, Pittsburgh, Pa.
Whitaker, Glessner Co. (Basic Open Hearth, also "Portsmouth Iron" & "Ohio Metal"), Wheeling, W. Va.
Wickwire Steel Co., Buffalo, N. Y.

6598— Ingots (White Metal)

Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.
American Alloys Co., American bldg, Baltimore, Md.
Great Western Smelting & Refining Co., 41st & Wallace, Chicago, Ill.

MICHIGAN SMELTING & REFINING CO.

1695 Jos. Campau, Detroit, Mich.
Seymour Mfg. Co., Seymour, Conn.

6599-600 Ingots (Zinc)

American Smelting & Refining Co., 120 B'way, New York
American Zinc, Lead & Smelting Co., 120 B'way, New York
Detroit White Metal Co., Inc., 628 W Jefferson av, Detroit, Mich.
Eagle Smelting & Refining Works, 233 B'way, New York
Great Western Smelting & Refining Co., 41st & Wallace, Chicago, Ill.
Henning V. & Sons, 330 Belmont av, Brooklyn, N. Y.
Nassau Smelting & Refining Works, 607 W 29th, New York
Penna. Smelting Co., Benedum Trees bldg, Pittsburgh, Pa.
SANDOVAL ZINC CO., 410 N Peoria, Chicago, Ill.
Vogelstein L. Co., 42 B'way, New York

Injectors (Boiler)

See Injectors & Ejectors, Boiler

6601—Injectors (Locomotive)

Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Edna Brass Mfg. Co. ("Edna"), Cincinnati, O.
Griffiths Jas. A. ("Eclipse"), 1315 Buttonwood, Phila, Pa.
Hancock Inspirator Co. ("Hancock" Inspirators, for Locomotive, Marine & Stationary Purposes), 119 W 40th, New York
Hayden & Derby Mfg. Co. ("Metropolitan," etc), 119 W 40th, New York
Nathan Mfg. Co. ("Simplex," "Nathan," "Monitor"), 416 E 106th, New York
Ohio Injector Co. ("Garfield," "Chicago," "Ohio"), Wadsworth, O.
Powell Wm. Co., Cincinnati, O.
Schutte & Koerting Co. ("Koerting"), 1251 N 12th, Phila., Pa.
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
United Injector Co., 119 W 40th, New York

6602—Injectors & Ejectors (Boiler)

American Injector Co. ("U. S." "World"), Detroit, Mich.
Belfield H. Co. (Ejectors), 435 N Broad, Phila., Pa.
Blakeslee Mfg. Co. (Jet Pumps), Du Quoin, Ill.
Champion Hardware Co. ("National" Automatic), Geneva, O.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Desmond-Stephan Mfg. Co. ("Desmond"), Urbana, O.
Detroit Lubricator Co. ("Detroit"), Detroit, Mich.
Douds Frank C. & Co. ("Douds," Ejectors, Jet Pumps, Syphons), New Castle, Pa.

Eynon-Evans Mfg. Co. ("Niagara" & "Eynon-Korting"), N 15th & Clearfield, Phila., Pa.
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
Griffiths Jas. A. ("Keystone," "Champion," "Eclipse"), 1315 Buttonwood, Phila., Pa.
Hancock Inspirator Co. ("Hancock" Inspirators & "Hancock" Ejectors & Drivewell Ejectors), 119 W 40th, New York
Hayden & Derby Mfg. Co. ("Metropolitan," Models "O" & "N," "N" Automatic, "H-D" Ejectors), 119 W 40th, New York
Jenkins Bros. (Injectors), 80 White, New York
Kincaid Bros. ("Eureka"), 211 Water, Pittsburgh, Pa.
Lee Wm. O. Co., Port Huron, Mich.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McNab & Harlin Mfg. Co., 55 John, New York
NASON MFG. CO., 71 Fulton, New York *See adv index at end of book*
Nathan Mfg. Co. ("Nathan," "Gresham," "Monitor," "Simplex," "Friedmann"), 416 E 106th, New York
Ohio Injector Co. ("Garfield" Double Jet, "Chicago" Automatic), Wadsworth, O.
Pancoast Henry B. Co. ("Model"), 243 S 3d, Phila., Pa.
Penberthy Injector Co. ("Penberthy," "Automatic," "Auto-Positive" & "XL-96"), 346 Holden av, Detroit, Mich.
Powell Wm. Co. (Stationary & Marine Injectors, Automatic, Auto- Positive & "X-I-96"), Cincinnati, O.
Randle Machinery Co. ("Leader"), C. H. & D. Ry. Powers, Cincinnati, O.
Rue Mfg. Co. ("Little Giant," "Unique" & "Fixed Nozzle"), 228 Cherry, Phila., Pa.
Schutte & Koerting Co. ("Koerting" & "Universal"), 1251 N 12th, Phila., Pa.
Sellers Wm. & Co. (Locomotive & Boiler), 1600 Hamilton, Phila., Pa.
Sherwood Mfg. Co. ("Buffalo," "Sherwood," "Eagle"), 1709 Elmwood, Buffalo, N. Y.
Stephens, Roe Mfg. Co. ("Michigan," "Roe," "Detra"), Detroit, Mich.
Tranter Mfg. Co. ("Cols"), 105 Water, Pittsburgh, Pa.
United Injector Co., 119 W 40th, New York
Watson N. A. ("Excelsior"), Erie, Pa.
Watson & McDaniel Co. ("McDaniel"), Ejectors), 146 N 7th, Phila., Pa.
Worthington Pump & Machy, Corp, 115 B'way, New York
See adv index at end of book

6603— Ink Grinding Machinery

See Mills, Ink Grinding

6604— Ink Wells

See Inkstands & Wells

6605— Inks (Canners')

Consolidated Stamp Mfg. Co., 87 Maiden la, New York
Swisher R. D. Mfg. Co. ("Is Boiler Proof"), 413 S Clinton, Chicago, Ill.

6606— Inks (Draughting)

Carter's Ink Co., E Cambridge, Boston, Mass.
David's Thaddeus Ink Co., 97 Vandam, New York
Diatzgen Eugene Co., 166 W Monroe, Chicago, Ill.
Elliott B. K. Co., 126 6th, Pittsburgh, Pa.
Higgins Chas. M. & Co., 271 9th, Brooklyn, N. Y.
Keuffel & Esser, Hoboken, N. J.
Morrill Geo. H. Co., Norwood, Mass.
Pease C. F. Co., 220 W Institute pl, Chicago, Ill.
Post Fred'k Co., 3635 S Clark, Chicago, Ill.
Taylor Bros. Co. ("Opake" Quick Drying Water Proof, for Tracing Cloths), 706 Superior av, N W, Cleveland, O.
Tower Mfg. & Novelty Co. ("Arnold's"), 326 B'way, New York
WEBER F. & CO. (Black & Colored), 1125 Chestnut, Phila., Pa.; also St. Louis, Mo.; & Baltimore, Md.
See adv index at end of book

6607— Inks (Duplicator)

Kruse Printing Ink Co., 437 Pearl, New York

6608— Inks (Embossing)

BINSWANGER B. & CO., 827 N 3rd, Phila., Pa.
Goetjens Chas. F., 626 4th av, Brooklyn, N. Y.
Standard Ink & Color Co., 129 Atkins av, Brooklyn, N. Y.

6609— Inks (Indelible)

Applegate Chemical Co., 6322 Ellis av, Chicago, Ill.
Carter's Ink Co., E Cambridge, Boston, Mass.
David's Thaddeus Ink Co., 97 Vandam, New York
Williston R. L. ("Payson's"), Northampton, Mass.

6610— Inks (Marking)

Botts Marking Ink Co., 330 Pearl, New York
David's Thaddeus Ink Co., 97 Vandam, New York
Everett & Barron Co., 217 Canal, Providence, R. I.
Spencer S. M. Mfg. Co., (Indelible), 9 Cornhill, Boston, Mass.
Volger B. G. Mfg. Co. ("Volger," Indelible), Passaic, N. J.

6611— Inks (Metal Marking)

Strasenburgh R. J. & Co., Rochester, N. Y.

6612—Inks (Numbering Machine)

Carter's Ink Co., E Cambridge, Boston, Mass.
Fuller Louis E., 226 W 75th, New York
Heale J. A. & Co., 96 John, New York

6613—Inks (Printing & Lithograph)

Acheson Ink Co., Niagara Falls, N. Y.
Acme Printing Ink Co., 548 W Harrison, Chicago, Ill.
American Ink Co., 154 Nassau, New York
American Luminous Products Co. (Luminous), Huntington Park, Cal.
American Pad & Ink Co., 22nd & Glenwood av, Phila., Pa.
American Printing Ink Co., 1127 W 6th, Cincinnati, O.
American Printing Ink Co. (Wood Printing), 2314 W Kinzie, Chicago, Ill.
Ampt Chas. F. Co., 112 E Water, Cincinnati, O.
Auld Hampton, 106 Verona av, Newark, N. J.
Ault & Wiborg Co., Cincinnati, O.
Barnard F. A. & Son, 529 S Dearborn, Chicago, Ill.
Berger & Wirth, 58 Columbia Hts., Brooklyn, N. Y.
Big Four Ink & Color Co., Battle Creek, Mich.
Braden Printing Ink Co., Caxton bldg, Cleveland, O.
Buckeye Ink Co., 141 E 4th, Cincinnati, O.
Buckie Printers Ink Co., 714 S Clark, Chicago, Ill.
Buffalo Printing Ink Works, (Copyable Printing), 348 Ellicott, Buffalo, N. Y.
California Ink Co., 33 Clementina, San Francisco, Cal.
Chicago Printing Ink Co., 24 S Clinton, Chicago, Ill.
Crescent Color & Chemical Wks., 59th & 11th av, New York
Donald Wm. C. & Co., Andover, Mass.
Donnell C. E. & Co., Sawyer bldg, St. Louis, Mo.
Dunn Ink Works, Buffalo, N. Y.
Eagle Printing Ink Co., 83 Grand, New York
Fuchs & Lang Mfg. Co., 119 W 40th, New York
Graham Geo. D., 523 Commercial, San Francisco, Cal.
Hellmuth Chas., 154 W 18th, New York
Hoeffler J. & Co., 163 W 29th, New York
Huber J. M., 602-62nd, Brooklyn, N. Y.
Indiana Chemical Co, 608 S Dearborn, Chicago, Ill.
Jay Printing Ink Co., 250 Plymouth, Brooklyn, N. Y.
Jenecke Printing Ink Co., Wright & Ave. B, Newark, N. J.
Johnson Chas. Eneu & Co., 509 So 10th, Philadelphia, Pa.
Kansas City Printing Ink Co., 400 B'way, Kansas City, Mo.
Kelly Austin Ink Co., 580 Franklin, Detroit, Mich.
Kent Wm. P. & Co., 49 Rose, New York
Kienle & Co., 109 S 5th, Brooklyn, N. Y.
Kohl & Madden Mfg Co, 124 Polk, Chicago, Ill.
Kruse Printing Ink Co., 437 Pearl, New York
Levey Fred. H. Co., 59 Beekman, New York
McCutcheon Bros. & Quality, 1130 Callowhill, Phila., Pa.
Magnetol Printing Ink Co., 461 8th av, New York
Martin Otto & Co., 130 N 4th, Phila., Pa.
Mayer Robt. & Co., 461 8th av, New York
Meyer F. W. Co., 46 Walworth, Brooklyn, N. Y.
Miller-Cooper Ink Co., Kansas City, Mo.
Morrill George H. Co., Norwood, Mass.
Muller J. A., 254 Pearl, New York
Okie F. E. Co., 127 S 2nd, Phila., Pa.
Okie Francis G., 411 Cherry, Phila., Pa.
Pollock Ink Co., 212 Elm, Buffalo, N. Y.
Prescott H. S., 571 Atlantic av, Boston, Mass.
Queen City Printing Ink Co., 1929 South, Cincinnati, O.
Ray Wm. H. Printing Ink Mfg. Co., 735 E 9th, New York
Richmond Printing Ink Co., 16 N 14th, Richmond, Va.
Roach Jos. A. & Co., 622 S Dearborn, Chicago, Ill.
Roberts Lewis, 72 Union, Newark, N. J.
Rodgers J. E. Mfg. Co., 206 E 19th, New York
Rogers & McIntyre, 30 S Clark, Chicago, Ill.
Roosen H. D. Co., 461 8th av, New York
Royal Bronze Ink Co., 150 N 6th, Phila., Pa.
Ruxton Philip (Inc.), 220 W 42d, New York
Schwarm & Jacobus Co., 906 B'way, Cincinnati, O.
Siebold J. H. & G. B., 21 W Houston, New York
Sinclair & Valentine Co., 611 W 129th, New York
Sleight Metallic Ink Co., 5907 Market, Phila., Pa.
Southern Oil & Chemical Co., Savannah, Ga.
Standard Ink & Color Co., 129 Atkins av, Brooklyn, N. Y.
Standard Printing Ink Co., 1644 Providence, Cincinnati, O.
Ullman-Philpott Co., 4805 Lexington, Cleveland, O.
Ullman Sigmund Co., 146th & Park av, New York
Underwood John & Co., 30 Vesey, New York
Union Printing Ink Co., Akron, O.
Wallace Sterling, 65 Frankfort, New York
Webb - Jensen - Davis Co., 597 Lackett, Brooklyn, N. Y.
Webster F. S. Co., 340 Congregational, Boston, Mass.
Western Merchandise & Supply Co., 326 W Madison, Chicago, Ill.
Wilson W. D. Printing Ink Co., 17 Spruce, New York
Wolff Fred E., 607 S Dearborn, Chicago, Ill.
Wright J. K. Printing Ink Co., 531 N 9th, Phila., Pa.
Zehden Metallic Ink Co. ("Supreme" Gold & Silver), 132 Nassau, New York

6614— Inks (Rubber Stamp)

Carter's Ink Co., E Cambridge, Boston, Mass.
Davids Thaddeus Ink Co., 97 Vandam, New York
Fuller Louis E., 226 W 75th, New York
Hager C. C. Co. ("Never-Smear"), 1234 Penn, Pittsburgh, Pa.
Heale J. A. & Co., 96 John, New York
Ink Ribbon Mfg. Co., New Montgomery, San Francisco, Cal.
Ink Ribbon Manufacturing Co. ("Irco"), 633 Howard, San Francisco, Cal.
Morrill Geo. H. Co., Norwood, Mass.
Volger B. G. Mfg. Co., Passaic, N. J.

6615— Inks (Show Card)

Carter's Ink Co. ("Mark-a-Line"), E. Cambridge, Boston, Mass.
Davids Thaddeus Co. ("Letterine"), 97 Vandam, New York

6616— Inks (Stencil)

Botts Marking Ink Co. (Paste & Cake), 330 Pearl, New York
Bradley A. J. Mfg. Co., 101 Beekman, New York
Diagraph Co. ("Garvey"), 2121 N 9th, St. Louis, Mo.

6617— Inks (Tracing Cloth)

Murdock W. Jas. Co., 116 Opera pl, Cincinnati, O.

6618— Inks (Writing)

American Luminous Products Co. (Luminous), Huntington Park, Cal.
Bankers Ink Co., Kansas City, Mo.
Barnes National Ink Co., 222 N 5th, Phila., Pa.
Carter's Ink Co. (Indelible, Copying, etc.), E Cambridge, Boston, Mass.
Caw's Pen & Ink Co., 76 Duane, New York
Continental Mfg. Co. ("Continental"), 4611 Girard, Phila., Pa.
Cook B. C. Chemical Mfg. Co., Charlotte, N. C.
Davids Thaddeus Ink Co., 97 Vandam, New York
Davis Emry, 298 B'way, New York
Davis Wm. A. Co. ("U. S. Treasury"), 40 Batterymarch, Boston, Mass.
Diamond Ink Co., 192 E Water, Milwaukee, Wis.
Heller B. & Co., 3925 Calumet av, Chicago, Ill.
Higgins Chas. M. & Co., 271 9th, Brooklyn, N. Y.
Ink Ribbon Mfg. Co., New Montgomery, San Francisco, Cal.
Keller Rob't Ink Co., 523 Fort W, Detroit, Mich.
Kirk Harry D., 2316 W Harrison, Chicago, Ill.
Levison & Blythe Mfg. Co., 209 Locust, St. Louis, Mo.
Moore J. & I. E. Warren, Mass.
Pomeroy Ink Mfg. Co., 55 E Park, Newark, N. J.
Sanford Mfg. Co., Congress & Peoria, Chicago, Ill.
Stafford S. S., 609 Washington, New York
Thomas L. H. Co., W Congress & S Peoria, Chicago, Ill.
Underwood John & Co., 62 Park Place, New York
Woodmansee F. A. ("Woodmansee," Writing & Copying), 117 E Pearl, Cincinnati, O.
Worden Ink & Mfg. Co., 132 Church, New York

6619— Inkstands & Wells

Aluminum Goods Mfg. Co. (Aluminum), Manitowoc, Wis.
American Hard Rubber Co. (Hard Rubber Inkstands), 9 Mercer, New York
Cushman & Denison Mfg. Co. ("Chelsea," "Capitol," Non-Evaporating), 240 W 23d, New York
Davis Emry ("Davis" Automatic), 298 B'way, New York
General Eclipse Co. ("Eclipse" Pneumatic), Danielson, Conn.
Kimpton Ed. Co., 60 John, New York
National Sheet Metal Co. ("Nicolene"), Peru, Ill.
SCHIMPER WILLIAM & CO., 322-338 Ferry, Hoboken, N. J., & 33 Union sq, W, New York
Scofield & Co., 150 Nassau, New York
Sengbusch Self-Closing Inkstand Co. (Self-Closing), Stroh bldg, Milwaukee, Wis.
Smith & Egge Mfg. Co. ("Irving's Paradox"), Bridgeport, Conn.
Sneath Glass Co. (Inkwells), Hartford City, Ind.
Stoughton Novelty Mfg. Co., Inc., Stoughton, Wis.
Weeks Frank A. Mfg. Co., 93 John, New York

6620— Inlets (Fresh Air)

Advance Mfg. Co., Erie, Pa.
Central Foundry Co., 90 West, New York
Du Bois Fred'k N. & Co., 247 9th av, New York
Fee & Mason, 81 Beekman, New York
Hays Mfg. Co., Erie, Pa.
Mott J. L. Iron Works, Trenton, N. J.
Zero Valve & Brass Mfg. Co., Buffalo, N. Y.

6621— Inlets (Sewer)

American Brake Shoe & Foundry Co., Mahwah, N. J.
Barber Mfg. Co., Ashtabula, O.
Buckeye Foundry Co., Queen City av & Buck, Cincinnati, O.
Burch Plow Works Co., Crestline, O.
Burr Co., Champaign, Ill.
Canton Foundry & Machine Co., Canton, O.
City Foundry Co., Cleveland, O.
Columbian Iron Works, Chattanooga, Tenn
Davies & Thomas Co., Catassauqua, Pa.
Dee Wm. E. Co., 30 N La Salle, Chicago, Ill.
Duplex Mfg & Fdry. Co., Euclid, O.
Ford & Kimball, Concord, N. H.
Hartnett John J. & Estate, Albany, N. Y.
Hennessey Foundry Co., Springfield, O.
Keokuk Hydraulic Tire Setter Co., Keokuk, Ia.
Kramer Bros. Foundry Co., Dayton, O.
Kuhns Bros., Dayton, O.
McDonald Foundry, Columbus, O.
Madison Foundry Co. ("Acme"), Cleveland, O.
Meyer Foundry & Mfg. Co., South Bend, Ind.
Nordeen H. G., Everett, Wash.
Over Ewald, Indianapolis, Ind.
Parsons G. W. Co., Newton, Ia.
Roanoke Iron Works, Roanoke, Va.
Sessions Foundry Co., Bristol, Conn.
Shunk Plow Co., Bucyrus, O.
South Bend Foundry Co., South Bend, Ind.
Stary Frank & Sons, Cedar Rapids, Ia.
Stuart Foundry Co., Detroit, Mich.
Thompson J. & Co., Van Horn & Sophia, Phila., Pa.
Wearne Bros., Omaha, Neb.

6621a—Innersoling (Leather Substitute)

Flintkote Co., 88 Pearl, Boston, Mass.
Rice & Hutchings, Boston, Mass.

6621b— Innersoling (Shoe)

Rogers Fibre Co. (National Fibre Board Co.) ("Rofico" Fibre), 121 Beach, Boston, Mass. *See adv index at end of book*

6622— Insecticides

Adler Color & Chemical Works, 100 William, New York
Alcatraz Co., Inc. ("Insect-See"), 3200 Williamsburg av, Richmond, Va.
Aspinwall Geo. H., Corneilson av, Jersey City, N. J.
Barrett Chemical Co., 233 37th, Brooklyn, N. Y.
Baum Bros. Co., Denver, Colo.
Blanchard James A. Co. ("Lion"), 30 Church, New York
Boston Chemical Co., 66 Hanover, Boston, Mass.
Brown's Insecticide Co., 203 E 44th, New York
Chemical Supply Co., 2450 Canal rd, Cleveland, O.
Clifton Chemical Co., 317 Greenwich, New York
Columbian Insecticide Co., 552 Columbus av, New York
Conkey G. E. Co. ("Fly King"), 3039 Woodland av, S E, Cleveland, O.
C. P. N. Chemical Co., Inc. (Jobbers), 178 Reade, New York, & 231 W Huron, Chicago, Ill.
Danforth Chemical Co. ("Bug Death"), Leominster, Mass.
Dusenberry H. C. (Inc.) ("Mothaline," "Naphtha Camphor"), 95 Gold, New York
Ellis Chas. H. & Son, Port Chester, N. Y.
Flash Chemical Co. ("Flash Camfo-Cedar"), 160 Second, Cambridge, Mass.
Frost Insecticide Co., Arlington, Mass.
Fulton Bag & Cotton Mills ("Kilzit"), Atlanta, Ga.
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Hammard Paint & Slug Shot Wks., Beacon, N. Y.
Hemingway & Co. (London Purple), Bound Brook, N. J.
Insecticide Co., Phelan bldg, San Francisco, Cal.
Lee Geo. H. Co., Omaha, Neb.
Leggett & Bro. ("Anchor"), 301 Pearl, New York
Lewis F. J. Mfg. Co., 2513 S Robey, Chicago, Ill.
Met-ol Polish & Mfg. Co., 1027 Larroke, Chicago, Ill.
Morisrite Mfg. Co., Bloomfield, N. J.
Nicotine Mfg. Co., 117 N Main, St. Louis, Mo.
Painter E. O. Fertilizer Co., Jacksonville, Fla.
Peerless Stock Powder Co. ("Nox-a-Bug"), Falls City, Neb.
Plunkett Chemical Co. ("Bug-no," "Roach-no," "Moth-no"), 2540 Cottage Grove av, Chicago, Ill.
Rath Mfg. Co. ("Dead Easy"), Hedley E of Richmond, Phila., Pa.
Riches, Pever & Co., 30 Church, New York
Saniform Co., 141 W 36th, New York
SANITARY PRODUCTS CORP., Phila., Pa.
Spiritine Chemical Co., Wilmington, N. C.
Standard Chemical Co., 728 Frankfort av, Cleveland, O.
Standard Chemical Co. ("Cedo-Cide"), Houston, Texas
Stearns Electric Paste Co. ("Electric"), Evanston, Ill.
Williams Joseph Co., Sharpsburg, Pa.

6623— Insoles (Cork)

Armstrong Cork Co., 24th & A. V. R. R., Pittsburgh, Pa.

6624—Inspection of Iron, Steel, Concrete & General Construction

Bartholomew M. L. (Testing a Specialty), Phoenixville, Pa.
Osborn Engineering Co., 2848 Prospect av, Cleveland, O.

Inspirators

See Injectors

6625—Instruments (Astronomical)

Bausch & Lomb Optical Co., Rochester, N. Y.
Berger C. L. & Sons, 35 Williams, Boston, Mass.
Buff & Buff Mfg. Co., rear 98 Green, Jamaica Plain, Boston, Mass.
Warner & Swasey Co., Cleveland, O.
Wissler A., B'way & Wash. av, St. Louis, Mo.

Instruments (Band)

See Instruments, Musical

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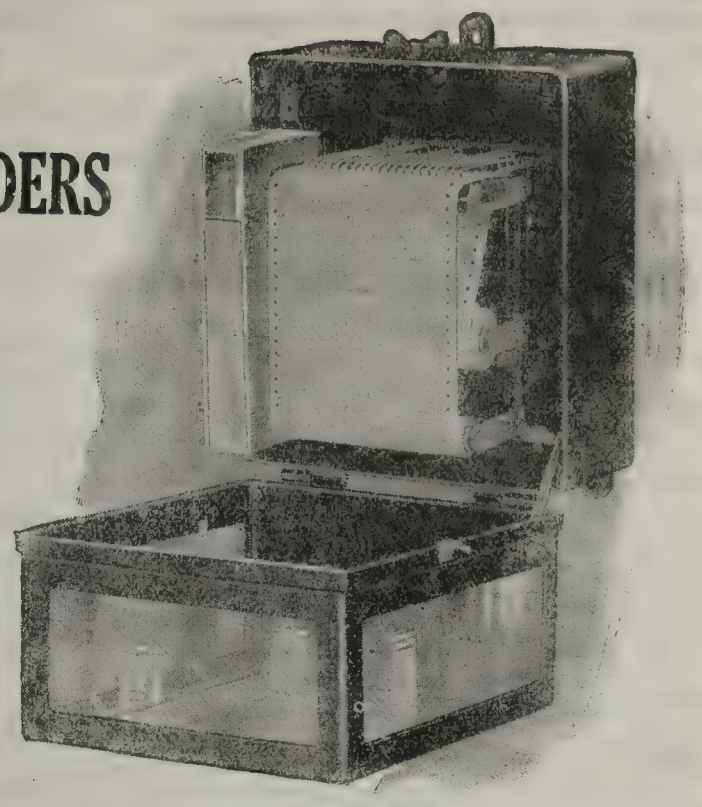

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6626-7—Instruments (Electrical Testing & Measuring)

AMERICAN STEEL & WIRE CO. ("A, S & W" Rail Bond Testers), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Badt-Westburg, Electric Co., 53 W Jackson blvd, Chicago, Ill.
Biddle Jas. G. (Testing), 1211 Arch, Phila., Pa.
BRISTOL CO. ("Bristols"), Waterbury, Conn. *See adv index at end of book*
Brown Instrument Co., Wayne & Windrim avs, Phila, Pa.
Century Electrical Co. ("Century" Field Tester), Syracuse, N. Y.
Chicago Apparatus Co. (For Educational Institutions, etc), 32 S Clinton, Chicago, Ill.
Eldredge Electric Mfg. Co., Springfield, Mass.
Electrical Engineering Co., 21 N 6th, Minneapolis, Minn.
Foote, Pierson & Co. ("Delta" Testing), 160 Duane, New York
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hickock Electrical Instrument Co., 10514 Dupont, Cleveland, O.
Holz Herman A., 2 Madison av, New York
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2 Madison Ave. New York

Leeds & Northrup Co., Stenton av, Gtn., Phila., Pa.
Lord Mfg. Co. ("Leco" Direct Reading Bono Tester), 105 W 40th, New York
Metropolitan Engineering Co. (Testing Meters), 35 Vestry, New York
Norton Electric Instrument Co., Manchester, Conn.
Queen-Gray Co., 618 Chestnut, Phila., Pa.
Roller-Smith Co. ("Roller-Smith," Measuring), 233 B'way, New York
Sangamon Electric Co., Springfield, Ill.
Simplex Magneto Co., Inc. ("Simplex"), 1790 B'way, New York
Thompson-Levering Co. ("Peerless"), 323 Arch., Phila., Pa.
Thwing Instrument Co., 33d & Lancaster av, Phila., Pa.
Wagner Electric Mfg. Co., 6400 Plymouth, St. Louis, Mo.
WESTINGHOUSE ELECTRIC & MFG. CO., E. Pittsburgh, Pa.
See adv index at end of book
Weston Electrical Instrument Co., Waverly Park, Newark, N. J.
Wissler A, B'way & Wash av, St Louis, Mo

6628—Instruments (Hardness Testing)

Holz Herman A., 2 Madison av, New York
See adv index at end of book

For Hardness Tests:
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SHORE INSTRUMENT & MFG. CO., INC., 557 W 22d, New York

6629—*Instruments (Intricate Mechanical)

PLUMB D. S. (Special & to Order), 73 Norfolk, nr Central av, Newark, N. J.
See adv index at end of book

6630— Instruments (Leveling)

Athol Machine Co., Athol, Mass.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

6631—Instruments (Magnetic Research)

Holtz Herman A., 2 Madison av, New York
See adv index at end of book

Instruments (Mathematical)

See Instruments, Nautical; also Scientific; also Engineering & Surveying

6632— Instruments (Musical)

Baumgartner Eugene (Flutes, Clarinets & Violins), 829 W 53d pl, Chicago, Ill.
Blessing Emil K. (Band Instrument), Elkhart, Ind.
Bruno C. & Son, 351 4th av, New York
Buescher Band Instrument Co. (Band & Orchestra Instruments), Elkhart, Ind.
Conn Chas. G., Ltd. (Band Instruments), Elkhart, Ind.
Elkhart Musical Instrument Co., Elkhart, Ind.
Holton Frank & Co. (Band), 2638 Gladys av, Chicago, Ill.
Koch Ands (String & Brass, Imp.), 296 B'way, N. Y.
Martin Band Instrument Co. (Band Instruments), Elkhart, Ind.
Niagara Musical Instrument Co. (Automatic), N Tonawanda, N. Y.
Nuss Mfg. Co., Harrisburg, Pa.
Regina Co., Rahway, N. J.
Schmidt Oscar, Ins., 87 Ferry, Jersey City, N. J.
Strauss Bros. & Co. (Imp.), 355 B'way, New York
Welte M. & Sons (Automatic Full Brass Band, etc.), 667 5th av, New York
Whitlock J. W. & Co., Rising Sun, Ind.
Wurlitze Rudolph Mfg. Co., 117 E 4th, **Cincinnati, O.**

6633—Instruments (Nautical)

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Bliss Jno. & Co., 128 Front, New York
Cummings Ship Instrument Works, 110 High, Boston, Mass.
Hand Jno. & Sons Co., 222 Walnut, Phila., Pa.
Keuffel & Esser Co., Hoboken, N. J.
Merrill's R. Sons, 66 South, New York.
Negus T. S. & J. D., 140 Water, New York
Riggs & Bro., 310 Market, Philadelphia, Pa.
Ritchie E. S. & Sons, Brookline, Mass.
Rupp Michael & Co. (Imp.), 112 Broad, New York
Weule Louis Co., 6 California, San Francisco, Cal.
Wissler A. Instrument & Mfg. Works, B'way & Wash. av, St. Louis, Mo.

6634—Instruments of Precision

Altender Theo. & Sons, 945 Ridge av, Phila., Pa.
Fiego Alex. J. R., Lynn, Mass.
Gaertner Wm. & Co. (Measuring), 5349 Lake Park av, Chicago, Ill.
Holtz Herman A., 2 Madison av, New York
See adv index at end of book
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book
Tagliabue C. J. Mfg. Co., 18 33d, Brooklyn, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wissler A., B'way & Washington av, St. Louis, Mo.

6635— Instruments (Optical)

Gaertner Wm. & Co., 5349 Lake Park av, Chicago, Ill.
General Optical Co., 50 E 42d, New York
Limeburner J. E. Co., Phila., Pa.
Queen-Gray Co., 618 Chestnut, Phila., Pa.
Wagner Bros. & Co. (Imp.), 71 W 23d, New York

6635a—Instruments (Photomicrographic)

Holtz Herman A., 2 Madison av, New York
See adv index at end of book
Sauveur & Boylston ("S. & B."), Cambridge, Mass.

6636— *Instruments (Pocket)

American Ever Ready Wks. of Natl. Carbon Co., Thompson av, Long Island, City, N. Y.
Benford Mfg. Co., Mt. Vernon, N. Y.
Bunnell J. H. & Co., 32 Park pl, New York
Clark Elec. Meter Co., 215 S Clinton, Detroit, Mich.
Conn. Telephones & Elec. Co., 70 Britnia, Meriden, Conn.
Eldridge Elec. Mfg. Co., Springfield, Mass.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Harvard Elec. Co. (Battery Gauges), 525 Van Buren, Chicago, Ill.
Hoyt Elec'l Instrument Wks. Penacook, N. H.
Ideal Instrument Co., Penacook, N. H.
Jewell Elec'l Instrument Co., 810 W Lake, Chicago, Ill.
Manhattan Elec'l Supply Co., 17 Park pl, New York
Pignolet L. M., 78 Cortlandt, New York
Queen-Gray Co., 618 Chestnut, Phila., Pa.
Readrite Meter Wks., Bluffton, O.
Robert's Instrument Co., 56 Shelby, Detroit, Mich.
Roller-Smith Co., 233 B'way, New York
Sholder-Excel Mfg. Co., Clyde, O.
Sterling Mfg. Co., Blackstone bldg, W 3d, Cleveland, O.
Weston Elec'l Instrument Co., Weston av, Newark, N. J.

6637—Instruments (Pole Measuring)

United Electric Supply Co. ("Vertascope"), Marion, Ohio

6638—Instruments (Radii Averaging)

BRISTOL CO. ("Bristol-Durand"), Waterbury, Conn.
See adv index at end of book

6639—Instruments (Recording)

See the Specific Article Required

6640—Instruments (Scientific)

American Scientific Instrument Co., 50 John, New York
Bausch & Lomb Optical Co., Rochester, N. Y.
Beckmann L. Co. (Surveying, 1003 Jackson st, Toledo, O.
Buff & Buff Mfg. Co. (Field), rear 98 Green, Jamaica Plains, Boston, Mass.
BRISTOL CO. ("Bristol"), Bristol, Conn.
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Dietzgen Eugene Co., 166 W Monroe, Chicago, Ill.
Elliott B. K. Co., 126 6th, Pittsburgh, Pa.
Gaertner Wm. & Co., 5349 Lake Park av, Chicago
Holz Herman A, 2 Madison av, New York
See adv index at end of book
Humboldt Mfg. Co., 2014 Nebraska av, Chicago, Ill.
Jesnig, C., 714 Sansom, Phila, Pa.
Keuffel & Esser Co., Hoboken, N. J.
Leupold & Voelpel, 107 E 70th, N, Portland, Ore.
Queen-Gray Co., 618 Chestnut, Phila., Pa.
SHORE INSTRUMENT & MFG. CO., INC. (Scleroscope, Pyroscope, Glass & Rubber Testers), 557 W 22d, New York
Tagliabue C. J. Mfg. Co., 18 33d, Brooklyn, N. Y.
University Apparatus Co., 2229 McGee av, Berkeley, Cal.
Wissler A., B'way & Washington av, St. Louis, Mo.

6641—Instruments (Surgical & Dental)

American Oil & Supply Co. (Dental), 52 Lafayette, Newark, N. J.
Armstrong Wm. H. Co., 34 W Ohio, Indianapolis, Ind.
Arnold F. & Sons, 310 N Eutaw, Baltimore, Md.
Baird Co., Plainfield, N. J.
Becton, Dickinson & Co., Rutherford, N. J.
Berbert A. & Bro., 436 Powell, San Francisco, Cal.
Betz Frank S. Co., Hammond, Ind.
Birk John Co., 310 S 3rd, Louisville, Ky.
Bleadon-Dun Co., 15 S Desplaines, Chicago, Ill.
Brady Wm. & Co. (Dental Grinding Wheels & nerve extractors), 1911 Park av, New York
Buffalo Dental Mfg. Co. (Dental Only), Buffalo, N. Y.
Carstens H. Mfg. Co., 567 W Lake, Chicago, Ill.
Chicago Surgical & Electrical Co., 324 W Superior, Chicago, Ill.
Codman & Shurtleff, 120 Boylston, Boston, Mass.
De Vilbiss Mfg. Co., Toledo, O.
De Zeng Standard Co. (Elec. Lighted), Camden, N. J.
Dixon William (Dental), 39 John, New York
Dougherty J. T. (Imp.), 409 W 59th, New York
Dugan-Johnson Co., 206 N Meridian, Indianapolis, Ind.
Edwards Instrument Co., 966½ Ft. Wayne av, Indianapolis, Ind.
Electro Dental Mfg. Co. (Dental), 33rd & Arch, Phila., Pa.
Electro Surgical Instrument Co. (Electric Lighted), Rochester, N. Y.
Ermold Geo. Co., 362 2nd av, New York,
Feick Bros. Co., 809 Liberty av, Pittsburgh, Pa.
Ford W. F. Surgical Instrument Co., 118 E 59th, New York
Gemrig J. H. & Son, 109 S 8th, Phila., Pa.
Hatteroth William, 228 Powell, San Francisco, Cal.
Hausmann & Dunn Co., 708 S Clark, Chicago, Ill.
Hospital Supply Co., 53 5th av, New York
Jones Wm., Denver, Colo.
Kennedy J. E. & Co., 201 E 23rd, New York
Knauth Bros., 220 4th av, New York
Kny-Scheerer Co. (Illuminated), 404 W 27th, New York
Koch F. A. & Co., 524 B'way, New York
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Lentz Chas. & Sons, 33 S 17th, Phila., Pa.
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Meyerowitz E. B., 237 5th av, New York
Mueller V. & Co., 1779 Ogden av, Chicago, Ill.
Neuhaus C. & Co., 510 N. Eutaw, Baltimore, Md.
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Richter Gustav F., 855 De Kalb av, Brooklyn, N Y.
Scientific Apparatus Co., Inc. (Gas Oxygen apparatus), 162 W 34th, New York
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Schmid E. Co., 912 Fort Wayne av, Indianapolis, Ind.
Schmid Leopold, 1241 Buttonwood, Phila., Pa.
Sharp & Smith, 155 N Michigan av, Chicago, Ill.
Sklar J. Mfg. Co., 133 Floyd, Brooklyn, N. Y.
Sorenson C. M. Co., 177 E 87th, New York
Specialty Mfg. Co., Spruce, New York
Sterling Mfg. Co., Springfield, O.
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Takamine Laboratory Inc. (Imp), 120 B'way, New York
Tiemann Geo. & Co., 107 Park Row, New York
Truax, Greene & Co., 171 N Wabash av, Chicago, Ill.
Tutschek F., 209 Centre, New York
Wappler Electric Co. (Electric Lighted), 173 E 87th, New York
Weder Mfg. Co., Germantown & Stenton, Phila., Pa
Weniger H., 143 Valencia, San Francisco, Cal.
Western Instrument Co., 1001 Wash. bl., Chicago, Ill.
White S. S. Dental Mfg. Co., 12th & Chestnut, Phila., Pa.
Willis Wm. V. & Co., 134 S 11th, Phila., Pa.
Willms Chas. Surgical Instrument Co., 300 N Howard, Baltimore, Md.
Wilson Instrument & Specialty Co., Passaic, N. J.
Wocher Max & Son Co. (Surgical), 19 W 6th, Cincinnati, O.
Zipf A., 3044 Olive, St. Louis, Mo.

6642—Instruments (Telegraph)

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Cutting & Washington, Inc. ("C. & W." Wireless), 26 Portland, Cambridge, Mass. *See adv index at end of book*
Foote, Pierson & Co. (Measuring & Testing Instruments of Precision), 160 Duane, New York
Kleinschmidt Elec Co., 36 Flatbush av, Brklyn, N. Y.
Lamson Co., 15 W 44th, New York
MANHATTAN ELECTRICAL SUPPLY CO. (Standard & Wireless), 17 Park pl, New York
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Manufacturers' & Inventors Electric Co. ("Morse Watch"), 29 Gold, New York
Menominee Elec Mfg. Co., Menominee, Mich.
Pierson Teleg. Transm. Co., Topeka, Kan.
Voltamp Elec. Mfg. Co., 407 N Paca, Baltimore, Md.
Western Electric Co., 500 S Clinton, Chicago, Ill. & 463 West, New York

6643—Instruments (Testing, Ammeter & Voltmeter)

National Carbon Co. ("Columbia"), Madison av, N W & W 117th, Cleveland, O.

6644—Instruments (Testing, Assayers' & Chemists')

Greiner Emil Co., 55 Fulton, New York

Instruments (Testing & Measuring)

See Instruments, Electrical Testing & Measuring

6645—Instruments (Veterinary)

Koch F. A. & Co., 524 B'way, New York

6646—Instruments (Wireless Telegraph)

Adams-Morgan Co., Upper Montclair, N. J.
American Radio & Research Corp. (Airplane wireless), 21 Park Row, New York
Atlantic Communication Co., 241 Lafayette, New York
Bowman A. W. & Co., Boston, Mass.
Brandes C., 32 Union sq, New York
Bunnell J. H. & Co., 32 Park pl, New York
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Clapp-Eastham Co., Cambridge, Mass.

Continental Elec. Co., 1883 Park av, New York
Crocker Wheeler Co. (Airplane wireless), Bayonne, N. J.
CUTTING & WASHINGTON, INC. ("C. & W."), 26 Portland, Cambridge, Mass.
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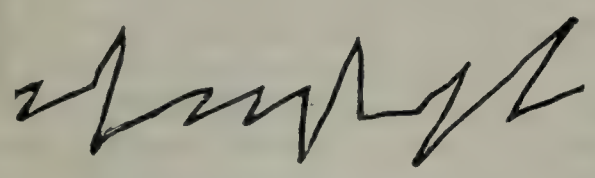

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Doubleday-Hill Elec. Co., 719 Liberty, Pittsburgh, Pa.
Electro Importing Co., 233 Fulton, New York
Electrical Industries Mfg. Co., 328 W 41st, New York
General Radio Co., 11 Windsor, Cambridge, Mass.
Haller-Cunningham Electric Co. (Marine), 428 Market, San Francisco, Cal.
Holtzer-Cabot Elec. Co., 125 Amory, Boston, Mass.
Jefferson Elec. Mfg. Co., 847 W Harrison, Chicago, Ill.
Kilbourne & Clark Mfg. Co., Seattle, Wash.
MANHATTAN ELECTRICAL SUPPLY CO., 17 Park pl, New York
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Marconi Wireless Telegraph Co., 233 B'way, New York
Martin Vibroplex & Mecograph Co., 253 B'way, New York
Menominee Elec. Mfg. Co., Menominee, Mich.
Mignon Wireless Corp., Elmira, N. Y.
Murdock W. J. Co., Chelsea, Mass.
National Electric Signaling Co., Farmers' Bank bldg, Pittsburgh, Pa.
Pittsburgh Wireless Equipment Co., Ridgway, Pa.
Radio Apparatus Co., Pottstown, Pa.
Radio Apparatus Co., Parkway bldg, Phila., Pa.
Radio Elec. Spec. Co., 12 S Jefferson, Chicago, Ill.
Ritchie E. S. & Sons, Brookline, Mass.
Simon Emil J., 50 Church, New York
Turney Eugene T. Co., 2595 3d av, New York
Wireless Improvement Co., 81 New, N. Y.
Wireless Mfg. Co., Canton, O.
Wireless Specialty Apparatus Co., C. & Fargo, Boston, Mass.
Woodside Elec. Shops Co., Homer pl, Metuchen, N. J.

6647— Insulating Asphalt

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General Roofing Mfg. Co. ("Gilsonite"), Boatman's Bank bldg, St. Louis, Mo.
Standard Asphalt & Rubber Co. ("Sarco" Asphalt Gum), 208 S La Salle, Chicago, Ill.
Stowell Mfg. Co., 240 Culver av, Jersey
Texas Co., 17 Battery pl, New York City, N. J.
Warren Chemical & Mfg. Co., 17 Battery pl, New York
Watson H. F. Co., Erie, Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

6647a— *Insulating (Brick)

Celite Products Co., 11 B'way, New York
Didier-March Co. (Kieselguhr), (Insulating Brick), Perth Amboy, N. J.

Insulating Press Boards

See Press Boards

6648—Insulating Rubberized Asbestos

Boonton Rubber Co., Boonton, N. J.

6649—Insulating Saddle Staples

American Vulcanized Fibre Co., 504 Equitable bldg, Wilmington, Del.

Insulating Solder, Paste, Salts, Etc.

See Soldering Flux, Paste, Salts & Stick

6649a—*Insulation (Armature)

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6650—Insulation (Cold Storage & Refrigerator)

All Roofing Mfg. Co., East St. Louis, Ill.
Armstrong Cork & Insulation Co. ("Nonpareil," "Acme" & "Eureka" Corkboard; also Granulated Cork), 24th & A. V. R.R., Pittsburgh, Pa.
Banner Rock Products Co., Alexandria, Ind.
Barrett Co. (Insulating Rope), 17 Battery pl, New York
Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
Celite Products Co., 11 B'way, New York
Celite Products Co., Van Nuys bldg, Los Angeles, Cal.
Cork Insulation Co. ("Excelsior," Corkboard), Jersey City, N. J.
Federal Asbestos Co., Milwaukee, Wis.
Hydrex Felt & Engineering Co., 120 Liberty, New York
Johns H. W.-Manville Co. ("Keystone" Hair, "J-M" Sheet Cork, "J-M" Granulated Cork, "J-M" Hair Felt), Madison av & 41st, New York
National Insulating & Mfg. Co., Indianapolis, Ind.
Northern Insulating Co. ("Flaxlinum"), 1340 University av, St. Paul, Minn.
Union Fibre Co. ("Linofelt," Water-proof Lith & Cork Boards), Winona, Minn.
Union Insulating Co., Great Northern bldg, Chicago, Ill.
United Cork Cos. ("Star" & "Crescent", Cork Board), 50 Church, New York
U. S. Gypsum Co. ("Pyrobar" Gypsum Tile), 205 W Monroe, Chicago, Ill.
U. S. Mineral Wool Co., 280 Madison av, New York
Watson H. F. Co., Erie, Pa.
White Enamel Refrigerator Co., St. Paul, Minn.
Wyckoff A. & Son Co. (Wood Waterproof), Elmira, N. Y.

6651-2-3—Insulation (Cork)

Armstrong Cork & Insulation Co. ("Nonpareil," "Acme" & "Eureka" Corkboard & Granulated Cork), 24th & A. V. R.R., Pittsburgh, Pa.
Banner Rock Products Co. ("Rock"), Alexandria, Ind.
Cork Insulation Co. ("Excelsior" Corkboard), Jersey City, N. J.
Federal Asbestos Co. (Cork Board), Milwaukee, Wis.
Union Fibre Co. ("Union" Cork Board), Winona, Minn.
United Cork Cos. ("Star," "Crescent"), 50 Church, New York

Insulation (Hair Felt)

See Felts, Hair

6654— Insulation (Horn)

Diamond State Fibre Co. ("Disfico"), Elsmere, Del.

6655—Insulation (Moulded Heat-Proof)

American Hard Rubber Co., 9 Mercer, New York
American Insulator Co., Inc., New Freedom, Pa.
American Synthite Co. (Synthyte Ingredients), 30 Church, New York
Auburn Button Works, Auburn, N. Y.
Belden Mfg Co., 2316 S Western av, Chicago, Ill.
Bonnite Insulator Co., 225 Murray, Newark, N. J.
Boonton Rubber Co. ("Bakelite"), Boonton, N. J.
Condensite Co. of America, Bloomfield, N. J.
Continental Fibre Co. (Sheet, Rod & Tube), Newark, Del.
Cutler-Hammer Mfg. Co., 12th & St. Paul Milwaukee, Wis.
See adv index at end of book
Dane Mfg. Co., 333 6th av, Newark, N. J.
Diamond State Fibre Co., Bridgeport, Pa.
Dickinson Mfg. Co. ("Sternoid" & "Sterno-Condensite"), Springfield, Mass.
Duranoid Mfg. Co., 213 Chestnut, Newark, N. J.
Elec Railway Equipment Co., Cincinnati, O.
Electrose Mfg. Co., 70 Washington, Brooklyn, N. Y.
Formica Insulation Co., 3240 Spring Grove, Cincinnati, O.
Garfield Mfg Co., Garfield, N. J.
General Bakelite Co., 2 Rector, New York
General Insulate Co. ("Insulite" Rubber Substitute), 1008 Atlantic av, Brooklyn, N. Y.
Hemming Mfg. Co., Garfield, N. J.
Johns H. W.-Manville Co., Madison av & 41st, New York
Johns-Pratt Co., Hartford, Conn.
Luzerne Rubber Co., Trenton, N. J.
Macallen Co., 16 Macallen, Boston, Mass.
Nat'l Lead Co., 111 B'way, New York, & 10th & Howard, Detroit, Mich.
Northern Industrial Chemical Co., 11 Elkins, South Boston, Mass.
Pathe Freres Phonograph Co., 29 W 38th, Bklyn, N. Y.
Pouvailsmith Corp., Poughkeepsie, N. Y.
Premier Rubber & Insulation Co., Dayton, O.
Redmond Chemical Products Co., 646 W 22, Chicago, Ill.
Remy Electric Co. ("Bakelite"), Anderson, Ind.
Scranton Button Co., Scranton, Pa.
Shaw Insulator Co., 5 Kirk pl, Newark, N. J.
Siemon Hard Rubber Corp., Bridgeport, Conn.
Specialty Insulation Mfg. Co., Hoosick Falls, N. Y.
Stokes Jos. J., Rubber Co., Trenton, N. J.
Vulcanized Products Co., Muskegon, Mich.
Waterbury Button Co., Waterbury, Conn.
Watertown Mfg. Co., Watertown, Conn.
Westinghouse Elec & Mfg. Co., East Pittsburgh, Pa.

6656—Insulation (Rail Joint)

American Vulcanized Fibre Co., 504 Equitable bldg, Wilmington, Del.
Nat'l Fibre & Insulation Co., Yorklyn, Del.
Standard Fibre Co., Miller St., Somerville, Mass.

6657—*Insulation (Refrigerator Car)

White Enamel Refrigerator Co., St. Paul, Minn.

6657a—*Insulation (Special Shapes to Order)

Delaware Hard Fibre Co., Wilmington, Del.; Works, Marshallton, Del.
See adv index at end of book

6658—Insulation (Switch Rod)

Nat'l Fibre & Insulation Co., Yorklyn, Del.
Spaulding J. & Sons Co., P. O. Box 52, Tonawanda, N. Y.
See adv index at end of book
Standard Fibre Co., Miller st, Somerville, Mass.

Spaulding HARD FIBRE

MADE IN SHEETS, RODS, TUBES *and* SPECIAL SHAPES,

RED, BLACK AND GREY COLORS.

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6659-60—Insulation (Track)

Continental Fibre Co. ("Continental-Bakelite"), Newark Centre, Del.
Delaware Hard Fibre Co., Wilmington, Del.; Works: Marshallton, Del.
See adv index at end of book
Nat'l Fibre & Insulation Co., Yorklyn, Del.
Spaulding J. & Sons Co. (Hard Fibre), P. O. Box 52, Tonawanda, N. Y.
See adv index at end of book
Standard Fibre Co., Miller St., Somerville, Mass.
Whall C. H. Co. ("Whall's" Fibre), 170 Summer, Boston, Mass.

6661—Insulator Pins & Brackets

American Line Materials Co., 332 S Michigan av, Chicago, Ill.
Barden Electric & Machinery Co., Houston, Tex.
Bissell F. Co., Toledo, O.
Blue Ridge Locust Pin Co., Dillsboro, N. C.
Brady Electric Mfg. Co. (Steel), New Britain, Conn.
Call Clarence (Locust), No. Wilkesboro, N. C.
Central Lumber Co., Chattanooga, Tenn.
Central Telephone & Elec. Co. ("Bois d'Arc"), 310 N. 11th, St. Louis, Mo.
Cohn & Bock Co. (Wood), Princess Anne Md.
Cottage Planing Mill Co., Everett, Pa.
Creaghead Engineering Co. ("Creaghead," Malleable Iron), 340 Main, Cincinnati, O.
DIAMOND EXPANSION BOLT CO. ("Ajax"), 89 West, New York
See adv index at end of book
Electric Service Supplies Co. ("Keystone"), 17th & Cambria, Phila., Pa.
Electrical Construction Supply Co. ("Chubbuck"), Springfield, O.
Electrical Engineers Equipment Co. (Metal), 711 Meridian, Chicago, Ill.
Electrical Material Co. ("Hivol," "Mabir"), 618 Jackson blvd, Chicago, Ill.
Electrose Mfg. Co. ("Electrose," Insulator Pins, etc), Washn & Plymouth, Brooklyn, N. Y.
Endsley J. W. (Wood), Somerfield, Pa.
Estes E. B. & Sons (Pins), 364 5th av, New York *See adv index at end of book*
Gravely B. F. & R. P. (Locust Pins, etc), Martinsville, Va.
Hallett Iron Works (Steel), Harvey, Ill.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Houston & Liggett (Live & White Oak, Gum & Elum), Houston, Texas
Hubbard & Co. (Steel), 63rd & Butler, Pittsburgh, Pa.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
Joslyn Mfg. & Supply Co. (Wood), Chamber of Commerce bldg, Chicago, Ill.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Line Material Co., So. Milwaukee, Wis.
Locke Insulator Mfg. Co. (Iron), Victor, N. Y.
Locust Pin Co. (Locust Pins), Front Royal, Va.
Marcus Harris & Sons Co. (Wood), Muscoda, Wis.
Minerallac Electric Co. ("Unity" Wood), 1045 Washington blvd, Chicago, Ill.
Morris Iron & Steel Co. (Iron), Frederick, Md.
Mueller Wm. & Co. (Wood), 332 S Michigan, Chicago, Ill.
National Pin & Bracket Co., North Vernon, Ind.
Oliver Iron & Steel Co. (Steel), S 10th & Muriel, Pittsburgh, Pa.
Petertyl Victor (Wood), Traverse City, Mich.
Pettingell-Andrews Co. ("Exemplar"), 166 Pearl, Boston, Mass.
Phila. Electrical & Mfg. Co., 1236 N 31st, Phila., Pa.
Pilliod Lumber Co. (Wood), Swanton, O.
Ridlon Frank Co. ("Rogers," Bracket), 251 A, Boston, Mass.
Robinia Pin Co. (Locust Pins), Shippensburg, Pa.
Steel Car Forge Co. (Steel), Pittsburgh, Pa.
Texas Arm & Pin Co. (Wood), Beaumont, Tex.
U. S. Bobbin & Shuttle Co. (Wood), 57 Eddy, Providence, R. I.
Valley Forging Co. ("Pittsburg" Steel Cross Arm & Pole Top Pins), Verona, Pa.
Vreeland B. F. (Wood), Denver, Colo.
Wiebel L. H., Hagerstown, Md.

6662— Insulator Supports

Steel City Electric Co. ("Universal" for Steel Work), 1207 Columbus av, Pittsburgh, Pa.

6663—Insulators (Arc Lamp)

Insulators or Hangers

Ayer F. H. Mfg. Co., Chicago Heights, Ill.
Brady Elec. Mfg. Co., New Britain, Conn.
Commercial Electrical Supply Co., 15th & Pine, St. Louis, Mo.
Creaghead Engng. Co., 340 Main, Cincinnati, O.
Cutter Geo. Co. ("Cutter's,"), South Bend, Ind.
Elec. Railway Equipment Co., Cincinnati, Ohio
Electrical Constr. Supply Co., Springfield, Ohio
Electrose Mfg. Co., 70 Washington, Brooklyn, N. Y.
Fletcher Mfg. Co., Dayton, O.
GENERAL ELECTRIC CO. (Hangers), Schenectady, N. Y.
See adv index at end of book
Harrison Electric Co., 411 Van Brunt, Brooklyn, N. Y.
Hebendahl J. P. Co., Elizabeth, N. J.
Hemming Mfg. Co., Garfield, N. J.
High Tension Elec. Spec. Co., Newton, Mass.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Johns H. W.-Manville Co. (Moulded), Madison av & 41st, New York
Johns-Pratt Co., The ("Moulded Mica" Stud & Straight Hanger), Hartford, Conn.
Line Material Co. ("Kyle"), S Milwaukee, Wis.
Lundin Elec. & Mach. Co., 10 Thatcher, Boston, Mass.
Macallen Co., 16 Macallen, S, Boston, Mass.
Metropolitan Engng. Co., 35 Vestry, New York
Morris Iron & Steel Co., Frederick, Md.
National Sewing Mach. Co., Belvidere, Ill.
Phila. Elec'l & Mfg. Co., 1236 N 31st, Phila., Pa.
Western Electro Mechanical Co., 465 2d, Oakland, Cal.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

6664— Insulators (Canopy)

Bechtold E. E. ("E. E. B."), 1928 Wabash av, Chicago, Ill.
Dale Lighting Fixture Co., 107 W 13th, New York
Macallen Co., 16 Macallen, South Boston, Mass.
Mica Insulator Co. ("Young"), 68 Church, New York
Mitchell, Vance Co., 507 W 24th, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wilmington Fibre Specialty Co., Wilmington, Del. *See adv index at end of book*

6665—Insulators (Cross-over)

Cook Pottery Co. (Wedge Porcelain), Trenton, N. J.

6666—Insulators (Feed Wire)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

Insulators (Fibre)

See Fibre, Hard

6667— Insulators (Glass)

Brookfield Glass Co. ("Brown," "Columbia," "Mershon," "Edison," "Jumbo," Telephone, Telegraph & Electric Light), 2 Rector, New York
Cumberland Glass Mfg. Co., Bridgeton, N. J.
Haskins Glass Co., Wheeling, W. Va.
Hemingray Glass Co. ("Muncie Type," "Triple Peticoat," "Prove Type"), Covington, Ky.
Joslyn Mfg. & Supply Co., Chamber of Comm. bldg, Chicago, Ill.
Locke Insulator Mfg. Co. ("Boro-Silica," Suspension & Pin Type), Victor, N. Y.
Rodefer Glass Co. The, Bellaire, O.
See adv index at end of book
Whitall-Tatum Co., 410 Race, Phila., Pa.

6668— Insulators (Hair)

Johns H. W.-Manville Co. ("Keystone"), Madison av & 41st New York
Keystone Hair Insulator Co., 1243 Spring Garden, Pittsburgh, Pa.

6669— Insulators (Lava)

American Lava Co. ("Alco"), Chattanooga, Tenn.
See adv index at end of book

6670—Insulators (Mine Feeder Wire)

Sackett Mine Supply Co., 164 N 3d, Columbus, O.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

6671—Insulators (Moulded Mica)

Johns-Pratt Co., The, (Wireless, Trolley Wire, Guy Wire, Telephone & Telegraph), Hartford, Conn.
Macallen Co., 16 Macallen, So. Boston, Mass.
New England Mica Co., Waltham, Mass.

Insulators (Paper, for Cables)

See Sleeves, Paper

6672—Insulators (Porcelain or Clay)

Akron Smoking Pipe Co. (Clay & Porcelain Tubes), Mogadore, O.
Anderson Albert & J. M. Mfg. Co., (Porcelain Strain), 289 A., Boston, Mass.
Colonial Sign & Insulator Co. ("Poke" Telephone), Akron, O.
Cook Pottery Co. (Porcelain), Trenton, N. J.
Davidson & Stevenson Porcelain Co., East Liverpool, O.
Electric Porcelain & Mfg. Co. (Of All Kinds). Trenton, N. J.
Freeman E. H. Electric Co. (Porcelain), Trenton, N. J.
Hartford Faience Co. (Porcelain), Hartford, Conn.
Imperial Porcelain Works (Porcelain, Transmission), Trenton, N. J.
Jeffery-Dewitt Co., Butler av & Grand Trunk Ry, Detroit, Mich.
Locke Insulator Mfg. Co., Victor, N. Y.
Mich. Porcelain Insulator Co., Hastings, Mich.
National Porcelain Co., Trenton, N. J.
Ohio Brass Co. ("O-B" Porcelain Only), Mansfield, O.
Pass & Seymour, Solvay, N. Y.
Pittsburgh High Voltage Insulator Co. (Porcelain High Screw Voltage), Derry, Pa.
Snyder Hunt Co., Belle Plaine, Iowa.
Star Porcelain Co., Trenton, N. J.
Thomas R. & Sons Co., East Liverpool, O.
Trenton Porcelain Co., Trenton, N. J.
Union Electrical Porcelain Works, Trenton, N. J.
Union Porcelain Works (Porcelain), 300 Eckford, Brooklyn, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
White T. C. Co. (Porcelain), 1122 Pine, St. Louis. Mo.

6673— Insulators (Strain)

See also Trolley Line Materials

Creaghead Engng. Co. ("Bourbon"), 340 Main, Cincinnati, O.
Electric Service Supplies Co. ("Keystone Giant"), 17th & Cambria, Phila., Pa.
Elec. Railway Equipment Co. ("Hercules"), Cincinnati, O.
Electrose Mfg. Co. ("Electrose," "Safety," "Disc," Thimble, Hood, Spool & Rod Type Insulators & Insulating Strains), 70 Washington, Brooklyn, N. Y.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
General Insulate Co., 1008 Atlantic av, Brooklyn, N. Y.
Johns H. W.-Manville Co. ("J-M"), 41st & Madison av, New York
Johns-Pratt Co., The ("Moulded Mica" Wood), Hartford, Conn.
Locke Insulator Mfg. Co. ("Victor"), Victor, N. Y.
Macallen Co., 16 Macallen, So. Boston, Mass.
Mathias-Hart Co., 516 Atlantic av, Boston, Mass.
Morris Iron & Steel Co., Frederick, Md.
Ohio Brass Co., Mansfield, O.
Pass & Seymour, Solvay, N. Y.
Phila. Electrical & Mfg. Co. ("Pemco," Wood), 1236 N 31st, Phila., Pa.
Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
White T. C. Co. (Porcelain), 1122 Pine, St. Louis, Mo.

6674—Insulators (Swinging)

Line Material Co., So. Milwaukee, Wis.

6675—Insulators (Third Rail)

See also Trolley Line Materials

Akron Smoking Pipe Co., Mogadore, O.
American Vulcanized Fibre Co. (Fibre), 504 Equitable bldg, Wilmington, Del.
Anderson Albert & J. M. Mfg. Co. ("Aetna"), 289 A, Boston, Mass.
Colonial Sign & Insulator Co. (Clear & Semi-Porcelain), Akron, O.
Continental Fibre Co. ("Bakelite-Delecto" & Vulcanized Fibre), Newark Centre, Del.
DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works: Marshallton, Del.
See adv index at end of book
Diamond State Fibre Co. (Hard Fibre), Elsmere, Del.
Electric Service Supplies Co., 17th & Cambria, Phila., Pa.
Electrose Mfg. Co. ("Electrose"), 70 Washington, Brooklyn, N. Y.
GILBERT-GRANT CO. (For Monorail Track), 143 B'way, New York
See adv index at end of book
Hemming Mfg. Co., Garfield, N. J.
Johns H. W.-Manville Co., Madison av & 41st, New York
National Fibre & Insulation Co. (Fibre), Yorklyn, Del.
Ohio Brass Co. (Semi-Porcelain), Mansfield, O.
Shaw Insulator Co., 5 Kirk pl, Newark, N. J.
Standard Fibre Co. (Hard Fibre), Miller St., Somerville, Mass.
Thomas R. & Sons Co. (Porcelain), East Liverpool, O.
WILMINGTON FIBRE SPECIALTY CO., ("Fyberoid"), Wilmington, Del.
See adv index at end of book

6676—Insulators (Tree & Wall)

Anderson Albert & J. M. Mfg. Co., 289 A, Boston, Mass.
Brodie Elec'l & Auto Co., Manchester, N. H.
Brookfield Glass Co., 2 Rector, New York
Cutter Geo. Co., South Bend, Ind.
Cutter Scott C. ("Scott & Cutter" Glass), Oswego, Ill.
Dickinson Mfg. Co., Springfield, Mass.
Fletcher Mfg. Co., Dayton, O.
General Insulate Co., 1008 Atlantic av, Brooklyn, N. Y.
Line Material Co. ("Ajax"), So Milwaukee, Wis.
Marlatt S., Richmond, Ind.
Ohio Brass Co., Mansfield, O.
Olmstead W. H. Mfg. Co., 526 Townsend av, Detroit, Mich.
Ridlon Frank Co. ("Rogers," Tree), 251A Franklin, Boston, Mass.
U. S. Gypsum Co., 205 W Monroe, Chicago, Ill.
Wetmore-Savage Co., 76 Pearl, Boston, Mass.

6677—Insulators (Trolley Wire Section)

Elec. Railway Equipment Co., Cincinnati, Ohio
Flood City Mfg. Co. ("H. H." for Mine Section), Johnstown, Pa.
Ohio Brass Co., Mansfield, O.

6678— Insurance (Accident)

Aetna Life Insurance Co., Hartford, Conn.
American Fidelity Co., Montpelier, Vt.
Casualty Co. of America, 298 B'way, New York
Employers' Liability Assurance Corporation (Ltd.), of London, England, Samuel Appleton, Manager & Attorney for U. S., 33 Broad, Boston, Mass.
Fidelity & Casualty Co., 97 Cedar, New York
Frankfort General Insurance Co., 123 William, New York
General Accident Insurance Co., 421½ Walnut, Phila., Pa.
London Guarantee & Accident Co., 134 La Salle, Chicago, Ill.
Maryland Casualty Co., North & Fay, Baltimore, Md.
New Amsterdam Casualty Co., 59 John, New York
North American Accident Insurance Co., 209 S La Salle, Chicago, Ill.
Ocean Accident & Guarantee Corp., 59 John, New York
Philadelphia Casualty Co., 419 Walnut, Phila., Pa.
Preferred Accident Ins. Co., 80 Maiden la, New York
Standard Accident Ins. Co., Detroit, Mich.
Travelers Insurance Co., Hartford, Conn.
U. S. Casualty Co., 80 Maiden la, New York

6679—Insurance (Employers' Liability)

Aetna Life Insurance Co., Hartford, Conn.
American Fidelity Co., Montpelier, Vt.
Casualty Co. of America, 298 B'way, New York
Employers' Liability Assurance Corporation (Ltd.), of London, England, Samuel Appleton, Manager & Attorney for U. S., 33 Broad, Boston, Mass.
Fidelity & Casualty Co., 97 Cedar, New York
Frankfort General Insurance Co., 123 William, New York
General Accident Insurance Co., 421½ Walnut, Phila., Pa.
London Guarantee & Accident Co., of London, England, 55 John, New York
Maryland Casualty Co., North & Fay, Baltimore, Md.
New Amsterdam Casualty Co., 59 John, New York
Ocean Accident & Guarantee Corp., 59 John, New York
Travelers Insurance Co., Hartford, Conn.
U. S. Casualty Co., 80 Maiden la, New York
U. S. Fidelity & Guaranty Co., Calvert & German, Baltimore, Md.

Insurance (Health)

See Insurance, Accident

6680—Insurance (Indemnity Bond)

American Bonding Co. of Baltimore, Fidelity bldg, Baltimore, Md.
American Fidelity Co., Montpelier, Vt.
American Surety Co., 100 B'way, New York
Employers' Liability Assurance Corporation (Ltd.), of London, England, Samuel Appleton, Manager & Attorney for U. S., 33 Broad, Boston, Mass.
Fidelity & Casualty Co., 97 Cedar, New York
Fidelity & Deposit Co., Fidelity bldg, Baltimore, Md.
Guarantee Co. of North America, 111 B'way, New York
National Surety Co., 115 B'way, New York, & The Rookery, Chicago, Ill.
Ocean Accident & Guarantee Corp., 59 John, New York
Pacific Surety Company, 341 Montgomery, San Francisco, Cal.
Travelers Insurance Co., Hartford, Conn.
U. S. Fidelity & Guaranty Co., Calvert & German, Baltimore, Md.

6681—Insurance & Inspection (Elevator)

See also Insurance, Indemnity Bond

Travelers Insurance Co., Hartford, Conn.

6682—Insurance & Inspection (Steam Boiler)

Employees' Indemnity Co. of Philadelphia, 331 Walnut, Phila., Pa.
Fidelity & Casualty Co., 97 Cedar, New York
Hartford Steam Boiler Inspection & Insurance Co., Hartford, Conn.
Maryland Casualty Co., North & Fay, Baltimore, Md.
Ocean Accident & Guarantee Corp., 59 John, New York
Pacific Surety Company, 341 Montgoomery, San Francisco, Cal.
Philadelphia Casualty Co., 419 Walnut, Phila., Pa.
Travelers Insurance Co., Hartford, Conn.
U. S. Casualty Co., 80 Maiden la, New York

6683— Intensifiers

Bethlehem Steel Co., South Bethlehem, Pa.
Chambersburg Engineering Co., Chambersburg, Pa.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Mackintosh-Hemphill & Co. (Hydraulic), Pittsburgh, Pa.
Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book

INTENSIFIERS—continued

MORGAN ENGINEERING CO. (Hydraulic), Alliance, O.
See adv index at end of book

United Engineering & Foundry Co. (Air, Hydraulic & Steam. Compound or Double), **307 5th av, Pittsburgh, Pa.**

Wood R. D. & Co. (Hydraulic, Single & Multiple), 400 Chestnut, Phila., Pa.

6684— Intercoolers (Air)

GRISCOM-RUSSELL CO., 92 West, New York. *See adv index at end of book*

Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book

Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

Interior Building Trim (Steel, Bronze, Etc.)

See Interior Trim. Hollow Metal

6685—Interior Finish (Wholesale Mfrs.)

See also Interior Hardwood Work Manufacturers & Erectors

American Sash & Door Co., Kansas City, Mo.

Armstrong Landon Co., Kokomo, Ind.

Baltimore Sash & Door Co., cor. Howard & West, Baltimore, Md.

Bardwell-Robinson Co., 24th av, N & 2nd, Minneapolis, Minn.

Bloom Alfred Co., Omaha, Neb.

Brockway-Smith Corp., 98 Canal, Boston, Mass.

Brown Co., Portland, Me.

California Mfg. Co., 2243 S Troy, Chicago, Ill.

Calmar Mfg. Co., Calmar, Ia.

Carter Mfg. Co., Keokuk, Ia.

Central Sash & Door Co., Topeka, Kan.

Central Wood Turning Co. (To Order Only), 610 Main, N E, Minneapolis, Minn.

Champlain Mfg. Co., Burlington, Vt.

Chicago Millwork Supply Co., 1404 W 37th, Chicago, Ill.

Cream City Sash & Door Co., 601 Park, Milwaukee, Wis.

Cullen & Vaughn Co., 450 Dayton, Hamilton, O.

Curtis Bros. & Co., Clinton, Ia.

Curtis & Yale Co., Wausau, Wis.

Cypress Lumber Co. (Wholesale Mfrs.), 88 Broad, Boston, Mass.

Dudley Sash, Door & Lbr. Co., Columbus, Ga.

Edmunds Mfg. Co., 1220 S Robey, Chicago, Ill.

Enochs Lumber & Mfg. Co., Jackson, Miss.

Farley & Loetscher Mfg. Co., Dubuque, Ia.

Fitzgerald, Speer Co., Pen Argyle, Pa.

Foster-Munger Co., 1404 W 37th, Chicago, Ill.

Gauger Jno. A. & Co., 1434 W 22d, Chicago, Ill.

Gordon, Vantine Co., Davenport, Ia.

Gould Mfg. Co., Oshkosh, Wis.

Grand Rapids Lumber Co., Grand Rapids, Mich.

Gravois Planing Mill Co., Minnesota & Juniata, St. Louis, Mo.

Gribben Lumber Co., 975 E 7th, St. Paul, Minn.

Hafner Mfg. Co., Main & Dock, St. Louis, Mo.

Hardin D. Co., Saginaw, Mich.

Hilgen Mfg. Co., Cedarburg, Wis.

Huttig Mfg. Co., Muscatine, Ia.

Huttig Mill Wk. Co., Kansas City, Mo.

Hyde-Murphy Co., Ridgway, Pa.

Indiana Lumber & Mfg. Co., South Bend, Ind.

Iroquois Door Co., Buffalo, N. Y.

Kaaz Mfg. Co., Atchison, Kan.

Kertscher & Co., Elmira, N. Y.

Knoxville Lumber & Mfg. Co. (For Trade Only), Knoxville, Tenn.

Kuebler J. M. Co., Wausau, Wis.

Kuhn Sash & Door Co., 204 N E 7th, Minneapolis, Minn.

Kurtz Bros., Bethlehem, Pa.

Lecoutour Bros. Stair Mfg. Co., 4523 Shaw av, St. Louis, Mo.

Lestershire Lbr. & Box Co., Lestershire, N. Y.

Loetscher & Burch Mfg. Co., Des Moines, Ia.

Luick Bros. & Co., Ann Arbor, Mich.

McClelland T. W. Co., Davenport Ia.

McMillen R. Co., Oshkosh, Wis.

McPhee & McGinnity Co., Denver, Colo.

Menasha Mfg. Co., Menasha, Wis.

Morgan Co., Oshkosh, Wis.

Murray & Hill Co. (Hardwood & Cabinet Work), 138 St. Nicholas av, New York

Nauman Co., Waterloo, Ia.

Nelson Lumber & Mfg. Co., 872 Dublin av, Columbus, O.

North Vernon Lumber Co., North Vernon, Ind.

Northwestern Lumber Co., Stanley, Wis.

Osgood & Blodgett Mfg. Co., E 7th & Duluth, St. Paul, Minn.

Paine Lumber Co. (Ltd.), Oshkosh, Wis.

Peck J. S. & Son, Cardington, O.

Preston W. A., Benton Harbor, Mich.

Pyrone Process Co., 20 E Gay, Columbus, Ohio

Radford Sash & Door Co., 1827 Prairie av, Chicago, Ill.

Reaugh Construction Co., 2835 E 51st, Cleveland, O.

Redwood Mfrs. Co., Oakland, Cal.

Rhinesmith & Simonson, Fort Wayne, Ind.

Riggs Cypress Co. (Ltd.), (Cypress), Patterson, La.

Roberts Sash & Door Co., 920 W 20th, Chicago, Ill.

Rock Island Sash & Door Works, Rock Island, Ill.

Rockwell Mfg. Co., 572 Park, Milwaukee, Wis.

Roehr Co., Bucyrus, O.

St. Croix Paper Co. (& White Pine Siding), 244 Washington, Boston, Mass. Mills: Woodland, Me.

St. Louis Sash & Door Works, B'way & Destrehan, St. Louis, Mo.

Scott-Graff Lumber Co., Duluth, Minn.

Seattle Cedar Lumber Mfg. Co., Seattle, Wash.

Springfield Planing Mill, Lumber & Construction Co., Springfield, Mo.

Stearns A. T. Lumber Co., 100 Taylor, Neponset, Boston, Mass.
See adv index at end of book

Stillwater Mfg. Co., Stillwater, Minn.

Stone R. B. & Co., Spencer, Mass.

Stuhlmiller Mantel Works, Buffalo, N. Y.

Thomas Jos. & Son, 836 Leadenhall, Baltimore, Md.

Uhrich Planing Mill Co. (Specializing Cabinet Trim), Independence, Kan.

Veit Mfg. Co., Grand Rapids, Mich.

Wabash Cabinet Co., Wabash, Ind.

Waccamaw Lumber Co., Bolton, N. C.

Washburn, Williams & Co., Scranton, Pa.

Whatcom Falls Mill Co. (Red Cedar), Bellingham, Wash.

Wheeler-Osgood Co. (Yellow Fir), Tacoma, Wash.

Whitmer-Jackson Sash & Door Co., Cleveland, O.

Williams & Hunting Co., Cedar Rapids Ia.

6686—Interior Hardwood Work (Mfrs. & Erectors)

American Car & Foundry Co. (Jackson & Sharp Plant), Wilmington, Del.

Ammann Mfg. & Const. Co., 163 Av D, New York

Ayers-Witmer Lumber Co., Niagara Falls, N. Y.

Batavia & New York Wood-Working Co., Batavia, N. Y.

Baumgarten Wm. & Co., 715 5th av, New York

Bering Mfg. Co., Houston, Tex.

BISHOP J. W. CO., 109 Foster, Worcester, Mass.

Bossert Louis & Son, 1335 Grand, Brooklyn, N. Y.

Boulia-Gorrell Co., Lakeport, N. H.

Bush Bros., Royersford, Pa.

Calmar Mfg. Co., Calmar, Ia.

Carr-Ryder & Adams Co., Dubuque, Ia.

Central Wood Turning Co., 610 Main, N E, Minneapolis, Minn.

Chicago Millwork Supply Co., 1404 W 37th, Chicago, Ill.

Cullen & Vaugh Co., 450 Dayton, Hamilton, O.

Curtis Bros. & Co., Clinton, Ia.

Curtis & Yale Co., Wausau, Wis.

Carr & Baal Co., Des Moines, Ia.

Edmunds Mfg. Co., 1220 S Robey, Chicago, Ill.

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Flint Geo. C. Co., 20 W 36th, New York

Fort Wayne Builders Supply Co., Fort Wayne, Ind.

Hamburger E. & Co., 139 Emerson pl., Brooklyn, N. Y.

Hayden Co., 450 Park, New York

Heise & Bruns Mill & Lumber Co., 600 S Caroline, Baltimore, Md.

Herts Bros. Co., 20 W 57th, New York

Hess D. S. & Co., 3 E 40th, New York

Hofstatter Theo. & Co., 668 5th av, New York

Hopeman Bros. Lumber & Mfg. Co., Rochester, N. Y.

Houston Planing Mill, Houston, Tex.

Houston Show Case & Mfg. Co., Houston, Tex.

Huttig Mfg. Co. (Wholesale Mfrs.), Muscatine, Ia.

Hyde-Murphy Co., Ridgway, Pa.

Inlaid Floor Co., 18th & Alabama, San Francisco, Cal.; & 4067 Watts, Emeryville, Cal.

Jamestown Mantel Co., Falconer, N. Y.

Jobst B. J., Paxton blk., Omaha, Neb.

Kertscher & Co., Elmira, N. Y.

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Kleeman Wm. & Co., 101 Park av, New York

Kratt George, Lorain, O.

Kurtz Bros., Bethlehem, Pa.

Lafayette Lumber Co., Lafayette, Ind.

Lindbeck Chas Jamestown N Y

Loetscher & Burch Mfg. Co., Des Moines, Ia.

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Manhattan Wood Working Co., 281 Rider av, New York

Mansfield Lumber Co., Mansfield, O.

Matthews Bros. Mfg. Co., 61 4th, Milwaukee, Wis.

Mertz's Geo. Sons, Port Chester, N. Y.

Mitchell Robert Furniture Co., 616 Race, Cincinnati, O.

Nelson & Co., Jamestown, N. Y.

New York Wood Working Corp., 502 E 19th, New York

Osgood & Blodgett Mfg. Co., Duluth av & E 7th, St. Paul, Minn.

Palen's H. W. Sons, Kingston, N. Y.

Pinches John & Sons, New Britain, Conn.

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Roehr Co., Bucyrus, O.

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STEARNS A. T. LUMBER CO. (Wholesale Mfrs.), 100 Taylor, Neponset, Boston, Mass. *See adv index at end of book*

Stillwater Mfg. Co., Stillwater, Minn.

Strangman Mfg. Co., Newtonville, Mass.

Strobel Philip & Sons, 53 Elizabeth, New York

Tiedt & Markthaler, 506 Col. av, New York

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Tiffany Studios, 361 Madison av, New York

Trebing Mfg. Co., 1000 Center, N W, Cleveland, O.

Uhrich Planing Mill Co. (Cabinet Trim), Independence, Kan.

Weybrecht's J. T. Sons, Alliance, O.

Williamsport Planing Mill Co., Williamsport, Pa.

Wilson J. G. Corp'n, The, 8 W 40th, New York. Factory: Norfolk, Va.

Wilson John T. (Est. of), Jamestown, N. Y.

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DAHLSTROM METALLIC DOOR CO., 35 Blackstone av, Jamestown, N. Y.
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Dowman-Dozier Mfg. Co., Atlanta, Ga.

Empire Art Metal Co., Inc., College Point, L. I., N. Y.

INTERIOR METAL MFG. CO., Jamestown,, N. Y.
See adv index at end of book
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Zahner Metal Sash & Door Co., Canton, O.

6688—Interior Trim (Steel Coach & Car)

See also Bank & Office Fixtures Metallic
DAHLSTROM METALLIC DOOR CO., 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book
Hale & Kilburn Co., Lehigh av & 18th, Phila., Pa.
INTERIOR METAL MFG. CO., Jamestown, N. Y. *See adv index at end of book*
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Zahner Metal Sash & Door Co., Canton, O.

Interlocks (Elevator)

See Elevator Safety Locks

6688a— Intermediates

C. P. N. Chemical Co., Inc. (Jobbers), 78 Reade, New York; & W Huron, Chicago, Ill.
Dye Products & Chemical Co., Inc., 200 Fifth av, New York
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
National Aniline & Chemical Co., Inc., 21 Burling slip, New York

6689— Iridium

Guiterman, Rosenfeld & Co. (Imp.), 35 So William, New York

6689a— Iridium Oxide

Drakenfield B. F. & Co. (Imp), 50 Murray, New York

Iron (Angle)

See Steel Structural Mills

6690—Iron (Architectural & Ornamental)

Star (*) in front of firm names under this classification designates founders who make Builders' Castings, etc.

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Bank & Office Railings
Elevator Cabs & Cars
Elevator Cars.
Elevator Enclosures.
Fire Escapes.
Gates (Ornamental Iron).
Grilles (Brass & Bronze).
Grilles (Wrought Iron).
Iron Railings & Fences.
Iron Stair Builders.
Jail & Cell Work (Steel).

ALABAMA.

BIRMINGHAM—Oak Hill Marble Works
HUNTSVILLE — *Huntsville Fdry. & Mach. Co.
MOBILE—Burger August (Railings)
MONTGOMERY—*Hartley Boiler Works
Janney & Co.

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LOS ANGELES—*Baker Iron Works
Bayer-Rothgeb Co.
California Ornamental Iron Works
Habig Geo., 2819 Stanford av
Llewellyn Iron Works
Union Iron Works
OAKLAND—Frauneder Iron & Wire Wks.
SAN DIEGO—California Iron Works, Inc.
Standard Iron Works
SAN FRANCISCO—Acme Iron & Wire Works, 485 6th
Ajax Foundry, 51 Clementina
Architectural Iron & Bronze Works, 425 Potrero av
Bay City Iron Works, 1243 Harrison
Brode Iron Works, 37 Hawthorne
California Artistic Metal & Wire Co., 349 7th
Eureka Iron & Wire Works, 374 11th
Hillard C. J. Co., 19th & Minnesota
*Jackson P. H. & Co., 237 1st
Keystone Ornamental Iron & Bonze Wks, 830 Howard
Michel & Pfeffer, 1415-1431 Harrison
Monarch Iron Wks., 1159 Howard
Ralston Iron Works, 20th & Indiana
*Rudgar-Merle Co., Bay & Stockton
Sartorius Co., 15th & Utah
*Steiger & Kerr Stove & Foundry Co., 2201 Folsom
Todt & Peters, 322 Main
Vulcan Iron Works, Francisco & Kearny
West Coast Wire & Iron Works, 861 Howard
Western Iron Works, 141 Beale
STOCKTON—*Stockton Iron Works

COLORADO.

COLORADO SPRINGS — Hassell Iron Works Co.
PUEBLO—Pueblo Bridge Co.

CONNECTICUT.

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LEAKE A. G. ERECTING CO.
McCathron Boiler Works Co.
*Pequonnock Foundry (Castings Only)
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HARTFORD—*Capitol Foundry Co. (Castings)
Laragy P.
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Sargent & Co.
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Warner G. F. Mfg. Co.
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*Waterbury Castings Co.
*Waterbury Foundry Co.
WEST HAVEN—Adlerhurst Iron Co.

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WILMINGTON—Davis Leonard D., 15th & French

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Speiden & Hoffman
White F. J., 462 Maine av, S W

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IDAHO.

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Atlantic Wire & Iron Works, 1638 Fulton
Baily & Allen Co., 122 S Michigan blvd
Baldwin Brass Works, 411 S Clinton
Berry J. M. & L. C., 325 W Ohio
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Bondy J. L., 8 S Dearborn
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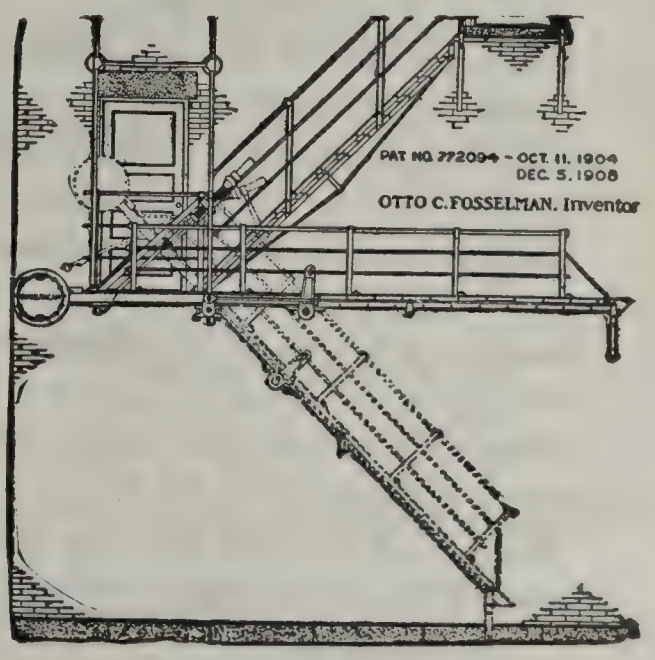

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Columbia Wire & Iron Works (Light Iron & Wire Work), 1933 W Lake
*Dauchy Iron Works, 223 W Illinois
Duffin Iron Co., 4837 S Kedzie
Eggers Jno. Iron Works, 219 N Elizabeth
Enos Fire Escape Co., 522 N Sangamon
Gage Structural Steel Co., 3141 S Hoyne av
Halsted Joseph Co., 1233 W Randolph
HANKE IRON & WIRE WORKS, 800 No. Albany av
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*Hansell-Elcock Co., Archer & Normal avs
Harris S. H. Co., 2424 W 22d
Heath-Johnson Co., 300 W Ontario
Heinemann Louis & Son, 1801 Belmont av
Hickey M. H., 36 W Randolph
*Holmes, Pyott & Co., 159 N Jefferson
Horn Wm. Structural Iron Works, 336 N Leavitt
Johnson Chas. & Son, 320 W Grand
Landon E. R., 166 N May
National Iron Works, 5935 S Ashland av
New City Iron Works, 4857 S Racine av
Newman Mfg. Co., 68 W Washington
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O'Leary Arthur J. & Son Co., 65th & S 57th av
*Pilsen Foundry & Iron Works, 1530 W 22d
Racky Albert C., 531 S 5th av
*Reder Foundry Co., 3536 S Oakley av
*Roos Henry Foundry Co., 1749 Ballou
Scaar Frank & Co., 1042 W 11th
Schad Fred & Son Iron Works, 1117 S Crawford av
Simpson Ralph H. Co., Hearst bldg
*SMITH F. P. WIRE & IRON WORKS (Wrought, Cast & Ornamental), 2340-48 Clybourn av
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South Halsted Street Iron Works, 2607 S Halsted
Sprague Iron Wks., 318 W Austin av
Sprague E. S., 318 W Austin av
Standard Architectural Iron Works, 2300 Bloomingdale av
Sullivan-Korber Co., 2437 W 21st pl
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Western Iron Co., 1809 Belmont av
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McGANN THOS. F. & SONS CO., 117 Portland
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McLauthlin Geo. T. Co., 120 Fulton
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WRIGHT WIRE CO.
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*De Croupet Iron Works, 345 Monroe
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Valley Iron Works (Casting Only), 81 E Water Levee
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Crowther & Rogers Mfg. Co.
Jamieson Machine Co.
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*Gerst Bros. Mfg. Co., 800 Cass av
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Von der Au & Cluss Mfg. Co., 2408 S Jeff
*Yaysing Iron & Foundry Co., 2521 Montgomery

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EAST ORANGE—Collinson Joshua
ELIZABETH—Arny Chas.
*Moore S. L. & Sons
HOBOKEN—Buchholtz C. Co.
JERSEY CITY—*Fagan Iron Works, 14th
Feudtner William, 391 7th
Hamill Alex. Iron Works, 426 Montgomery
*SNEAD & CO. IRON WORKS, 98 Pine
See adv index at end of book
Victorsohn Morris, 199 3rd
MADISON—Force Chas. & Son
NEWARK—American Coal Chute Co. & Architectural Iron Works, 14 Buffington av
Calumet Iron Works, Balls la
Friedman M. A., 152 Jeliff av
Goeller H. R., 406 Frelinghuysen av
Goldberg E. Iron Works, 107 Huntердon
*Hay Foundry & Iron Works, Plum Point la
Hedden Iron Construction Co., Lyons Farms
*Hewitt John Foundry Co. (Castings Only), E. Newark
Industrial Wire & Metal Works, 95 High
Katchen, Barnett Iron Works, 700 So 15th
Koller E. L., 282 Sussex
Payne Bros., Emmet, cor Av D
Smith Albert Sons, 73 N. J. R. R. av
NEW BRUNSWICK—*New Brunswick Iron Works (Cast, Wrought & Ornamental)
PASSAIC—Passaic Artistic Iron Works
PATERSON—Bogert-Carlough Co.
*Eastwood Benj. Co. (Builders' Castings Only)
Lendrim H. C. Co.
ROCKAWAY—Lincoln Architectural Iron Co.
TRENTON—Baker W. H.
*Mackenzie's, Duncan Sons Co.
UNION HILL—Haas, G. M.
*Mott J. L. Iron Wks.
WEST HOBOKEN—Courtman Walter F.

NEW MEXICO.

ALBUQUERQUE—*Albuquerque Foundry & Machine Works

NEW YORK.

ALBANY—Campbell Harry E.
Clausen N. C. Architectural Iron Co.
*McKinney, Jas. & Son
BINGHAMTON—Shapley & Wells
Titchener E. H. & Co.
BUFFALO—Buffalo Structural Steel Co.
Buffalo Wire Works Co. (Ornamental), 453 Terrace
*Ernst's Charles F. Sons
Feine August & Sons Co., 152 Terrace
Ginther's J. Sons Co,
Jones Iron Works
Kellogg Structural Steel Co., 31 Stone
Mostberger Iron Co., 878 S Division
Progressive Structural Steel Co.
COHOES—*Cohoes Iron Foundry & Machine Co.
JAMESTOWN—*Eagle Foundry & Machine Co.
LONG ISLAND CITY—(See New York City, Borough of Queens)

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Albee & Godfrey Co., Stewart av
Bassett A. Iron & Wire Works, 42 Walworth
Binney-Godfrey Co., Kent av
Bloss O. J., 243 Monitor
Child W. C. W., 355 Kingsland av
*Eagle Iron Works (Inc.), 850 DeKalb av
Estey Bros. Co., 270 Union av
Feldman Jno., 1323 Gates av
Fluegel Anton, 219 Cook
General Iron Works, 1480 Eastern Parkway
Gratz George E., Jr., 1143 DeKalb av
Green B. G., 213 Pacific
Grosback Wm. & Co., 37 Maspeth av
Hafker Bryan, 73 N Portland av
Hassler Fred'k, 2 Sullivan
Hebbard & Wenz, 240 N 10th
Hecla Iron Works, 118 N 11th
Janssen Bernard H., 135 Huron
Kahan S., 122 Newton
Kalter & Rolnick Iron Works, 415 Dumont av
Kennington Iron Works, 414 3d av
Lister & Fee, 42 S 8th
Marcus Harry Iron Works, 237 Van Sinderen av
Mark & Mohl, 3rd av & 6th
May Jacob, 850 De Kalb av
Meyer & Anselm, 173 Van Sinderen av
Mock Julius & Sons, 777 Rutland rd
Mullon Bros., 1 Devoe
Mulstein Jno. Co., 211 3d av
Olsen O. L., 203 Diamond
Philips Abraham A., Jr., 2219 Pitkin av
Poppke & Son, 805 Lexington av
Powell John R., 500 Leonard
*Reliance Arch'l Iron Works, 253 Monitor
Ridgewood Iron Works, 1604 De Kalb av
Schwenn Wm., 830 Lexington av
Steckenreiter Iron Works, Calyer & Jewell
Stein S., 63 N Henry
Strubel's Ridgewood Iron Works, 1604 De Kalb av
Whale Creek Iron Works, 245 Huron

Boroughs of Manhattan and Bronx.

NEW YORK—Ahr Henry Son's Iron Works, 444 E 148th
*American Car & Foundry Co. (Castings Only), 165 B'way
American Ornamental Iron Wks, 480 Grand
Anchor Post Iron Works, 167 B'way
For branch houses see Alphabetical Section
Aronsohn & Goldman, 806 5th
Bartlett J. B. C. Iron Works, 229 W 36th
Becker Geo., 545 W 22d
Bernstein Harris, 338 E 95th
Black & Boyd Mfg. Co., 432 E 23rd
Bowes Jno. J., 203 W 98th
Campbell Harry E. Co., 80 W 40th
Carlin Iron Works, 310 W 40th
Central Iron Works, 420 E 48th
Chapman Wm. O. Co., 30 Church
CHICAGO BRIDGE & IRON WORKS, 3132 Hudson Terminal bldg
See adv index at end of book
Clark Peter Iron Works, 406 W 30th
Clausen H. C. Iron Works, 433 E 74th
Colonial Iron Co., 149 Broadway
Communipaw Steel Co., 95 Liberty
Cornell Iron Works, 26th & 11th av
Dahm Henry, 517 W 45th
Daniels Oscar Co., 233 Broadway
Dauphin Wm. Bronze & Iron Wks., 141 W 33d
Dowdall Chas. E., 152 W B'way
Duvinage Pierre, 253 B'way
Eagle Iron Works, 403 E 117th
Eagle Wrought Iron Works, Jackson av & 150th
East Side Iron Works, 448 E 167th
Eisenberg Bros., 438 E 10th
Eisner Bros. & Birenberg, 51 E 110
Elliott Jno., 356 Pearl
Ernst Gustave, 505 E 165th
Fiske J. W., Iron Works, 80 Park pl
Fox Chas. H., 369 W 11th
Fritschy E. J. Corp., 604 Greenwich
Garman Bros., 322 E 75th
Gerdes & Co., 42 Church
See adv index at end of book
Gersmann Rud., 1431 Bryant av
Goldberg & Kavadlo, 245 E 110th
Graf Martin, 279 Ave B
Grand Central Iron Works, 212 E 52d
Grossman Bros. & Rosenbaum, Willow av & E 133d
Hafers Chris Iron Works, 407 W 37th
Halback C. E. & Co. (Inc.), 23 E. 26th
Happel Adam, 408 E 93d
Harris Safety Co. (of Youngstown, O.), 39 E 19th
Hauptmann Wm., 410 E 104th
Hay Foundry & Iron Works, 15 Madison sq N
Henry-Bonnard Bronze Co., 20 Exchange pl
Hess Adam, 417 E 156th
Hinkle Iron Co., 534 W 56th
Hirschorn, Schoenberger & Krieger, 608 E 133d
Hoehn Wm. Co., 218 W 20th
Howard & Morse (Ornamental for Interiors), 46 Fulton
Industrial Iron Co., 1 Madison av
Jackson Wm. H. Company, 2 W 47th
Jennings & John, 83 Manhattan
Jordis John Iron Works, 354 Jackson av
Kingsbridge Iron Works, 405 E 99th
Kopelson Bros., 4118 Park av
Kues Bros Inc. Wks, 1807 Carter av.
Kushakow Jacob, 74 3d av
Lazere & Kaplan Iron Works, 434 E 124th
Lenges Philip Iron Works, 309 E 122d
Levering & Garrigues Co., 552 W 23d
Levy Chas., 554 W 45th
Liberty Iron Works, 462 10th av
Lieberman & Sanford Co., 623 W 57th
Luetke Oscar, 328 7th av
Lyon W. E. Iron Works, 202 E 46th
McCann Iron Wks Inc., 249 E 138th
*McDougall & Potter Co., 606 W 55th
Madison Iron Works, 449 E 120th
Manhattan Iron & Steel Sales Co., 122 E 132d
Milliken Bros., Staten Island
Moreng Jos. Iron Works, 208 E 19th
Morris Elmer P. Iron Works, Inc. (Light), 136 Liberty
Mugler's Iron Works, 841 E 136th
Murphy T. J., 619 Greenwich
*Murray Hill Iron Works Co., 101 W 25th
Neser John E., 4 7th av
Palmer B., 312 W 43d
Park Iron Works, 712 E 136th
Perlman A. Iron Works (Inc.), 1735 West Farms rd
PITT WM. R. COMPOSITE IRON WORKS ("Pitt-Bostwick" Folding Gates & Guards, Ornamental), 221 W 26th
See adv index at end of book
Pollak Max, 505 E 76th
Rahtz & Schnitzer, 21 E 137th
Realty Iron Works Co., 331 E 82d
Reynolds E. P., 411 E 91st
Richter A. G., 316 Av A
Ring & Konneke, 525 W 24th
Rocker Bros., 330 W 26th
Rueth Jos., 462 10th av
Sanders & Barnett, Southern blvd & 145th
Schacht B., 279 E 148th
Scherbner Paul Iron Works, 306 E 123d
Standard Iron Works, 508 E 74th
Steinel Bruno, 429 W 26th
Stolz Joseph, 1122 Forest av
Thompson Hervey, 233 B'way
Tiffany Studios, 361 Madison av
Toop Geo. H. Iron Works, 9 Canal pl
TYLER W. S. CO. (of Cleveland, O.), 200 5th av
See adv index at end of book
Tyroler Leo, 101 W 88th
Uris Harris H., Iron Works, 521 W 26th
Veeser Frank, 228 E 150th
Victor Iron Works, Inc., 1106 Brook av
Wander Iron Works, 321 E 94th
Weber's Jacob V. Sons, 308 E 26th
*Wells Architectural Iron Co., River av & 151st
Williams Jno., Inc., 556 W 27th
Yorkville Iron Works, 433 E 74th

Borough of Queens.

LONG ISLAND CITY—Just Geo. A. Co., 239 Vernon av
Polachek John Bronze & Iron Co., 480 Hancock
Sexauer & Lemke, Vernon av
MASPETH—(New York City)—*Richey, Browne & Donald, Flushing av

(End of New York City)

ROCHESTER—*Heughes F. L. & Co.
Kohlmetz Chas. E.
Kohlmetz H. L.
White Wire Works Co.
SYRACUSE—Dunning W. D.
*Smith & Caffery Co.
Syracuse Wire Works, 101 University av
Thelen Bros.
TROY—*Mahony Mfg. Co.
West Side Structural Co.
UTICA—Jones Willis H.
WATERTOWN—Wilson J. C.
YONKERS—Morris Thos. Jr. (Estate of)

The Cincinnati Mfg. Co.

CINCINNATI OHIO

BRONZE MAUSOLEUM DOORS—DESIGN 782
Made of 14 gauge Bronze, hollow construction

ORNAMENTAL
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KALOMEIN DOORS

WICKETS and GRILLES

CASHIERS' CAGES

CHECK RACKS

MONEY GUARDS

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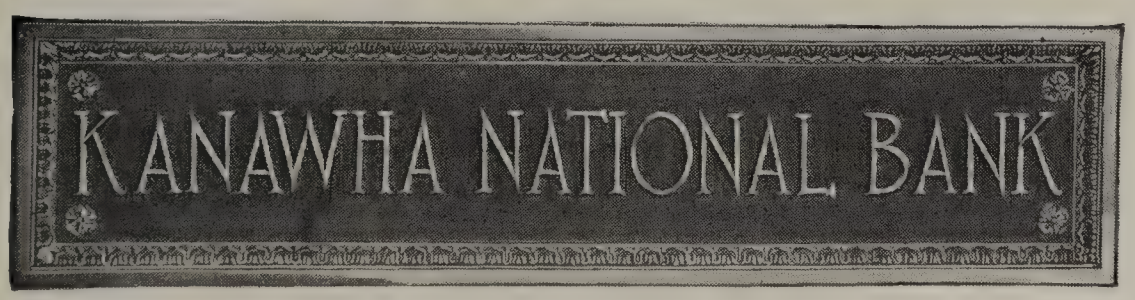
Everything in Metal Work for Banks

377 BANKS EQUIPPED IN 1917

Large Well Equipped Plant and Skilled Artisans at Your Service

BRASS WORK



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ENTRANCE DOORS
BRONZE SIGNS
CALENDAR RACKS
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ELEVATOR CARS
and ENCLOSURES

Established 74 Years

CATALOGUE FOR THE ASKING

Mention HENDRICKS

Industrial Information

WE maintain a Bureau of Information for the free use of our Advertisers and we are prepared at all times to furnish our patrons with the most reliable information about any particular kind of material, machine, tool or specialty which they may require.

Hendricks' Commercial Register

NORTH CAROLINA.

ASHEVILLE—*Asheville Supply & Foundry Co.
BURLINGTON—Cates Machine Works
CHARLOTTE—*Mecklenburg Iron Works
GREENSBORO—*Glascock Stove & Mfg. Co. (Builders' Castings Only)
Sergeant Mfg. Co.

NORTH DAKOTA.

FARGO—*Fargo Foundry Co.
Fargo Iron & Metal Co.

OHIO.

AKRON—Ornamental Iron Works Co.
AMHERST—Atlas Engineering Co. (Cast, Wrought & Ornamental
See adv index at end of book
ASHTABULA—Barber Mfg. Co.
BELLEFONTAINE—Bellefontaine Bridge & Steel Co.
CANTON—*Canton Foundry & Machine Co. (Castings, Columns, Sills, Base Plates, etc)
Columbia Iron & Wire Works Co.
Union Metal Mfg. Co.
CINCINNATI—Brown H. L. Fence & Mfg. Co., Oakley
Cincinnati Artistic Wrought Iron Works, 2941 Eastern av
Cincinnati Iron Fence Co.
Cincinnati Mfg. Co. (Wrought, Cast & Ornamental)
See adv index at end of book
Columbia Iron Works, 721 Reading rd
Egbers Geo. H. & Bro., 228 E 7th
Frelinger J. G. Iron Works, 115 W 2d
Grimm Iron Works
Kammen Walter, 3258 Spring Grove av
Lang Wm. & Sons Co., Patterson nr Bank
Ley H. & Co., Lincoln av
Messmer Andrew Co., Patterson nr Bank
Newman Mfg. Co., 717 Sycamore
See adv index at end of book
Potthoff Construction Co., Front & Harriet
Rowekamp Bernard J., 2620 Colerain av
Schoeneberg Fred, 8th & Evans
*Schrieber L. & Sons Co., 3869 Ivanhoe
Stewart Iron Works Co.
CLEVELAND—Brooks T. H. & Co.
*City Foundry Co. (Castings)
Cleveland Art Metal Co., 3620 Superior
Dreyer G. H. & Son
Forest City Steel & Iron Co., 110th nr Detroit av
Kirchner Iron & Wire Co., 1149 Norwood rd
McLaren Iron Works Co.
*Madison Foundry Co.
National Iron & Wire Co.
Republic Structural Iron Works Co., 1350 E 53d
Sheer Bros. Fence & Iron Co., 715 E 103d
Steelite Co., 1920 W 77
Stevens Iron Works & Fireproofing Co.
TYLER W. S. CO.
See adv index at end of book
*Van Dorn Iron Works Co., 2700 E 79th
*Variety Iron & Steel Works Co., Hamilton av & E 40
Zeman Iron Works Co., 5651 B'way
COLUMBUS—Columbus Structural Steel Co.
Columbus Wire & Iron Works Co.
Krumm Martin
*McDonald Foundry (Cast Iron)
Morris C. E. Co.
DAYTON—Dayton Steel Construction Co., Howell & Wilbur
Plocher Andrew Sons Co.
FREMONT—*Lehr Agricultural Co.
HAMILTON—MEYERS FRED J. MFG CO.
See adv index at end of book
KENTON—*Champion Iron Co.
LIMA—*East Iron & Machine Co., 351 E Market
MANSFIELD—Hughes-Keenan Co.
MIDDLETOWN—Shartle Bros. Machine Co.
SANDUSKY—*Klotz Machine Co.
*Mack Iron & Wire Works Co.
SPRINGFIELD—*Bayley Wm. Co.
*Hennessey Foundry Co.
Peet & Schuster Co.
TOLEDO—Art Iron & Wire Works
Braunschweiger Bros., 40-42 Erie
Milmine H. B. & Co.
*Toledo Foundry & Machine Co.
Toledo Wire & Iron Works
WILMINGTON—Champion Bridge Co.
YOUNGSTOWN—Youngstown Wire & Iron Co.

OKLAHOMA.

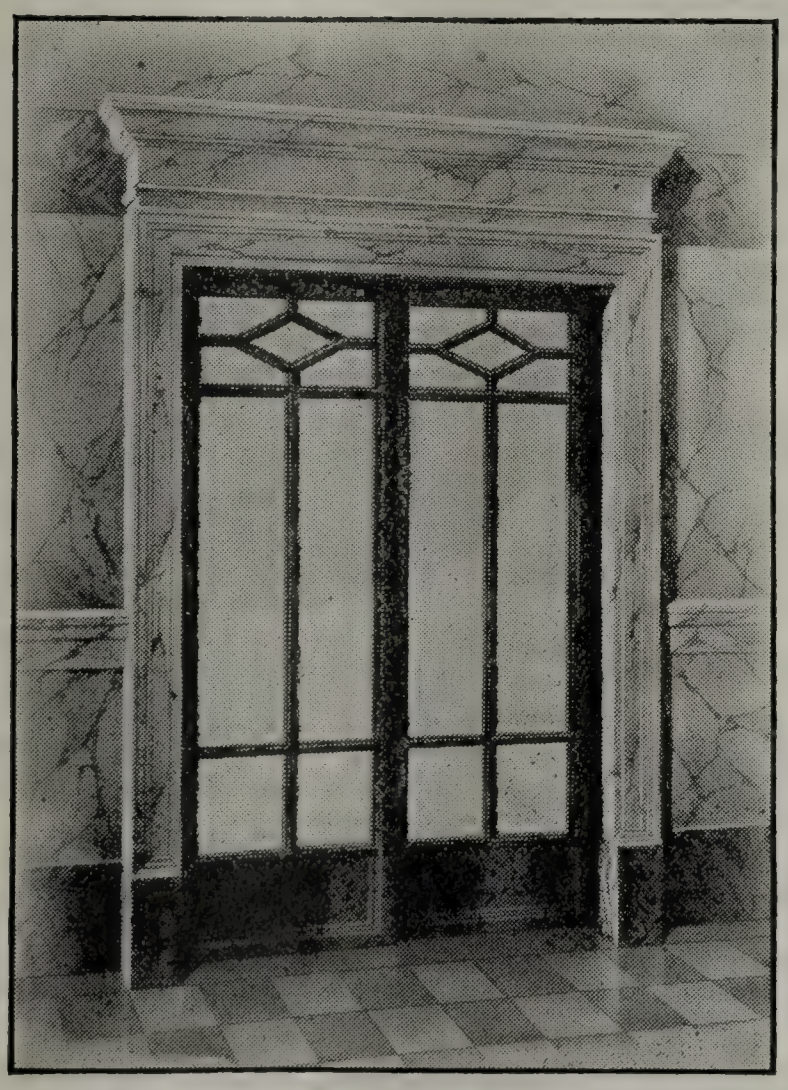
OKLAHOMA—Klein J. B. Iron Foundry Co.
*Oklahoma City Foundry & Machine Co.

OREGON.

ALBANY—*Albany Iron Works
EUGENE—Frazer G. N.
PORTLAND—*Honeyman Hardware Co., 9th & Hoyt
Pacific Bridge Co., E Water & Salmon
*Pacific Iron Works
Phoenix Iron Works, E 3d & Hawthorne
*Portland Iron Works, 14th & Northrup
Smith & Watson Iron Works, Front & Harrison

PENNSYLVANIA.

ALLENTOWN—*Hanlon John J.
McDermott Engineering Co.
BETHLEHEM—Guerber Engineering Co.
BLOOMSBURG—*Harman & Hassert.
BRIDGEPORT—Gehret Bros.
CATASAUQUA—*Davies & Thomas Co.
CHESTER—Boulden Wm. M. & Son
DANVILLE—*Danville Foundry & Machine Co.
ELLWOOD CITY—Ellwood City Iron & Wire Co.



Tyler Elevator Enclosure, Type "A" Construction

TYLER
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TABLETS, BRONZE DOORS, ENTRANCES, PORTE-COCHERES, ELEVATOR CARS, ELEVATOR ENCLOSURES, STAIRWAYS, STORE FRONTS, MARQUISE, BANK AND OFFICE RAILINGS, GATES, GRILLES, ETC.

Designers, Founders and Manufacturers of Ornamental Iron and Bronze for Entire Building Contracts

THE W. S. TYLER COMPANY
CLEVELAND, OHIO

NEW YORK
200 Fifth Avenue

CHICAGO
552 McCormick Building

PENNSYLVANIA—continued

GREENSBURGH—*Hempfield Foundry
HOLLIDAYSBURG—*McLanahan Stone Machine Co.
HOMESTEAD — Keystone Ornamental Iron Co.
JOHNSTOWN—Griffith Geo. J.
LANCASTER—Lancaster Machine & Structural Works
Rote A. B. & Co.
McKEESPORT—Monon & Yough Foundry Co.
Smith Nimmo & Co.
NEWSIDE—Peter F. N. & Bro.
PHILADELPHIA—*Adams Wm. Foundry Co., Inc, 960 N 9th
Allen Iron & Steel Co., 3rd & Venango
Aubel F. & E., 2505 Germantown
*Baizley John, Iron Works, 514 S Del av
Barnes Winfield S. & Co., 1614 Cherry
*Belmont Iron Works, 22d & Washington av
Biddle-Gaumer Co., 3846 Lancaster av
*Biggin C. P. Co., 1829 Harlan
Boureau H. U. & Co., 3302 Ludlow
Clopp Geo. B., 3717 Filbert
Columbia Iron Works, 246 N 5th
*Coyle H. B. Iron Works, 622 Filbert
*Creswell Samuel J. Iron Works, 23d & Cherry
Darby Edw. & Sons Co., 239 Arch
Gensel Fred'k & Co., 911 Vine
*Hitzeroth Edward, 3120 Market
Horrocks Iron Works, 234 N Broad
Jahn Wm. R., 3239 Germantown av
Kemper Cons. Co., 905 Walnut
Keystone Structural Co., Harrison bldg
Lee Benjamin, 628 N 5th
McArdle Wm. H. & Son, 511 Bainbridge
Midland Metal Co., Inc., 21st & Jefferson
Noe-Wadlow Co., 1026 Ridge av
O'Neill Michael, 1531 Filbert
Pettit Frank, Ornamental Iron Wks., 809 Master
Philadelphia Art Metal Co., 323 Vine
Richmond & Kemp, 21st & Washington
Simpson Washington, 919 S 46th
Sutton W. A. & Co., 926 N 19th
Thompson Bros., 125 N 5th
*Thompson J. & Co., Van Horn & Sophia
Turner Henry, 4737 N Front
Wark W. E. Co., 1737 Filbert
Wayne Iron Works, Commercial Trust bldg
PITTSBURGH — Buechele Iron & Tool Works Co., 4127 Liberty av
Cornwall E. & Co., 709 Sarah
Eichleay John Jr. Co., 20th & Wharton
Hanny Chas. G. & Co., 856 W North av
Lane Thos Co., Farmers Bank bldg
*Marshall Foundry Co. (Builders' Castings)
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross
See adv index at end of book
Pittsburgh Ornamental Iron Co., S 20th & Wharton
Rieseck Iron Works, 1201 Metropolitan
*Rosedale Foundry & Machine Co., Columbus & Preble
Sommerville Iron & Bronze Co., 5641 Butler
Star Ornamental Iron & Wire Works 2525 Frazier
Stewart-Holland Co., Wabash bldg
Taylor & Dean, Penn av & 25th
Vilsack Martin Co., 3222 Penn av
POTTSTOWN—Weller M. D.
READING—Kiefer W. L.
*Remppis Wm. F. Co (Plain & Ornamental), 226 Spruce
WAYNESBORO—Smith Fence & Iron Co.
WILKES-BARRE—Eagle Iron Works
YORK—*Smyser Royer Co.

RHODE ISLAND.

PAWTUCKET—White J. S. Co.
PROVIDENCE—*Colvin Foundry Co., 185 Globe
Commercial Iron Works, Inc., 171 Globe
Providence Ornamental Iron Works, 72 Dudley
Providence Steel & Iron Co. (Cast & Wrought), Kinsley av
Tower Jas. H. Iron Works, 50 Borden

WOONSOCKET—*Woonsocket Mach. & Press Co. (Builders' Castings)

SOUTH CAROLINA.

ANDERSON—*Anderson Machine & Fdry. Co.
CHARLESTON——*Charleston Iron Works
*Riley J. F.
*Riverside Iron Works, Concord

SOUTH DAKOTA.

SIOUX FALLS—Pankow Bros.

TENNESSEE.

CHATTANOOGA—*Chattanooga Car & Foundry Co.
*Chattanooga Roofing & Foundry Co. (Ornamental Wrought Iron & Cast Iron Columns, Sills, etc)
Eureka Supply Co.
Price-Evans Foundry Co.
Standard Iron & Wire Works.
JACKSON—*Southern Engine & Boiler Works
KNOXVILLE—*Fair Foundry Co.
*Knoxville Foundry & Machine Co.
MEMPHIS—*Chickasaw Iron Works
Pidgeon-Thomas Iron Co.
Tennessee Wire & Iron Works
NASHVILLE—Stewart & Bruckner Co.

TEXAS.

AUSTIN—*Tips Walter Co.
DALLAS—Harry O. K. Steel Works
*Mosher Mfg. Co.
FORT WORTH—*Van Zandt-Moore Iron Works
GALVESTON—Walsh & Cleary
HOUSTON—Berger A. A. & Co.
*Dickson Car Wheel Co.
*Hartwell Iron Works
*Houston Car Wheel & Machine Co.
Riesner Bernard A.
*Union Iron Works

UTAH.

SALT LAKE CITY—*Salt Lake Iron & Steel Co.

VIRGINIA.

ALEXANDRIA—Alexandria Iron Works
DANVILLE—*Westbrook Elevator Co., Inc
NORFOLK—Norfolk Iron & Wire Works
RICHMOND—Carr Jas. W., 7th N 25th
Cruikshank Iron Works Co., Dineen & S. A. L. R. R.
Richmond Structural Steel Co., 18th & Dock
Ross Structural Iron Works
*Tredegar Co., ft. of 5th
ROANOKE—*Roanoke Iron Works
Roanoke Iron & Bridge Wks, Inc.
*Virginia Bridge & Iron Co.

WASHINGTON.

SEATTLE—American Iron & Wire Works
*Olympic Foundry Co. (Builders' Castings, etc)
Pacific Ornamental Iron Co.
West Coast Ornamental Iron & Wire Works, Inc
*Variety Iron Works
SPOKANE—Excelsior Fence Co.
National Iron Works
Northwest Harvester Co.
Spokane Ornamental Iron & Wire Works
*Union Iron Works, Inc.
TACOMA—*Atlas Foundry & Machine Co.
Puget Sound Iron & Steel Works

WEST VIRGINIA.

HUNTINGTON—Huntington Iron Works
WHEELING—Moss J. E. Iron Works

WISCONSIN.

APPLETON—*Valley Iron Works Co. (Castings & Columns, etc)
DE PERE—Western Steel & Iron Works (Steel Gates, Fences, etc)
EAU CLAIRE—*Phoenix Mfg. Co.
GREEN BAY—Rothe Jos. F. Foundry Co.
LA CROSSE—Smith Mfg. Co.
Torrance John & Son
MADISON—Kupler Theodore
MILWAUKEE—Badger Wire & Iron Works, 25th av & Cleveland
Bayley Structural Iron Co., 705 S Pierce
*Colnik C. Mfg. Co., 750 Greenbush
Globe Wire & Iron Works, Atkinson av
*Greenslade John, 678 Jefferson
Hackendahl & Schmidt Co., 1513 St. Paul av
Hennecke C. Co., 1353 N Pierce
Iron & Wire Wks (Wickets)
Milwaukee Structural Steel Co., 19th & St. Paul av
Pietsch Ferdinand, 617 Cedar
Standard Iron & Wire Works, 489 12th
Wagner A. F., Arch'l Iron Works, 763 N. Water
West Side Architectural Iron Works, 1529 Cherry
Wisconsin Iron & Wire Works
RACINE—Goehner Chas.
Racine Iron & Wire Works
RHINELANDER—Rhinelander Iron Co.
SHEBOYGAN—Optenberg Iron Works
WEST BEND—*Gehl Bros. Mfg. Co. (Castings Only)

Iron (Band & Hoop)

See Iron & Steel, Band & Hoop

6691— Iron Bar Mills

See Also Steel Structural Mills

Aetna Nut Co. (Merchant Bar, Rounds & Squares, Ovals & Half Rounds & Ovals), Southington, Conn.
Altoona Iron Co. (Refined Merchant Bar, Band, Hoop, Oval, Half Round & Scroll Iron), Altoona, Pa.
American Car & Foundry Co. (Merchant Bars, Flats, Squares, etc), Syndicate Trust bldg, St. Louis, Mo.
American Chain Co. (Merchant Bar Iron for Harness & Saddlery Work & Chains), Bridgeport, Conn.
American Horse Shoe Co. (All for our own Consumption), Phillipsburg, N. J.
American Iron & Steel Mfg. Co., Lebanon, Pa.
American Steel & Wire Co. (Flats for Horse Shoes, etc), Frick bldg, Pittsburgh, Pa.
Ames W. & Co. (Rounds, Flats & Squares), Communipaw av, Jersey City, N. J.
Armstrong Geo. W. & Co., Inc. (Rounds, Squares & Flats, etc), Fort Worth, Tex.
Bethlehem Steel Co. (Double Refined), S Bethlehem, Pa.
Bourne-Fuller Co., Hickox bldg, Cleveland, O.
Brown & Co. (Refined Bar & Hammered Iron for Special Purposes), 10th & Duquesne way, Pittsburgh, Pa.
Burden Iron Co. (Bar & Other Merchant Iron), Troy, N. Y.
Carter Iron Co. (Merchant Bar Iron), 307 5th av, Pittsburgh, Pa.
Collins Co. (Flats & Squares), Collinsville, Conn.
COLONIAL SUPPLY CO., 217 Water Pittsburgh, Pa.
See adv index at end of book
Colorado Fuel & Iron Co. (Merchant Bar), Denver, Colo.
Davis Bros. (Merchant Bar Iron), 29th & Bristol, Phila., Pa.
Edwards Edward T., Columbia, Pa.
Empire Rolling Mill Co. (Merchant Bar Iron), Bessemer & C. & P. Ry., Cleveland, O.
Fort Wayne Rolling Mill Corp. (Rounds, Squares, Flats, Ovals, Crescents, Tees, Angles & Channels), Fort Wayne, Ind.
Harrow Spring Co. (Refined Bar Iron), Milwaukee, Wis.; Works, Kalamazoo, Mich.
Highland Iron & Steel Co. (Merchant Bar), Terre Haute, Ind.
Hoopes & Townsend Co. (Merchant Iron, Rounds, Squares & Flats), Broad & Buttonwood, Phila., Pa.
Hughes & Patterson (Bar Iron), 800 Richmond, Phila, Pa.
Illingworth Jno. Steel Co. (Rerolled Swedish & Norway Iron), Tacony & Lewis, Phila., Pa.
Interstate Iron & Steel Co., 1st Nat'l Bank bldg, Chicago, Ill.
JANSON STEEL & IRON CO. (High Grade Refined Iron in Rounds, Squares, Flats, etc), Columbia, Pa.
Judson Mfg. Co. (Merchant Bar Iron), 819 Folsom, San Francisco, Cal.

Kansas City Bolt & Nut Co. (Merchant Bar Iron), Kansas City, Mo.
Knoxville Iron Co. (Merchant Bar), Knoxville, Tenn.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Lebanon Valley Iron & Steel Co. (Merchant Bar, etc), Lebanon, Pa.
Lockhart Iron & Steel Co. (Rolled Bar Iron Specialty, "Vulcan," Brand of Iron Bars, Bands, Angles & Channel), McKees Rocks, Pa.
Logan Iron & Steel Co. (Charcoal & Refined Bar Iron, Crown Bars, Flats, Rounds, Squares, Ovals, Half Rounds & Ovals, etc.), Morris bldg, Phila., Pa.
McCoy-Linn Iron Co. (Charcoal), Iron, Rounds, Flats & Squares), Milesburg, Pa.
Milton Mfg. Co. (Refined Bar Iron), Milton, Pa.
National Rolling Mill Co. (Bar & Finished), Vincennes, Ind.
Nicetown Plate Washer Co. (Refined Merchant), 1324 Juniata, Phila, Pa.
Ohio Falls Iron Co. (Merchant Bar & Iron for Railroad, Bridges & Car Works, etc), New Albany, Ind.
Old Dominion Iron & Nail Works Co. (Merchant Bar & Bridge Iron), Belle Isle, Richmond, Va.
Pacific Hardware & Steel Co. (Bar Iron), 7th & Townsend, San Francisco, Cal. Works: Portland, Oregon.
Penn Steel & Iron Corp. (Refined Black or Galvanized Bar Iron), Lancaster, Pa.
Pittsburgh-Des Moines Steel Co., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Portland Iron & Steel Co. (Flats, Rounds & Squares), South Portland, Me.
Reading Iron Co. (Merchant Bar), Reading, Pa.
Republic Iron & Steel Co. (Common, Merchant & Refined Bar Iron), Youngstown, O.
Richmond Structural Steel Co., 18 & Dock, Richmond, Va.
Rockaway Rolling Mill (Bar & Double Refined Bars), Rockaway, N. J.
Rome Merchant Iron Mill (High Grade Refined & Merchant Puddled Bars), Rome, N. Y.
Scranton Bolt & Nut Co. (Merchant Bar), Scranton, Pa.
Slatington Iron & Steel Co. ("Slatington Best," "Slatington Norway," "Slatington Staybolt," "Lehigh," High Grade Refined Carriage, Drop Forging, Horse Shoe & Boiler Rivet Iron, etc), Slatington, Pa.
SOULE EDW. L. CO. (Iron & Steel Products of all kinds), Rialto bldg, San Francisco, Cal.
See adv index at end of book
Sylvester Company (Merchant Bar Iron), 141 Milk, Boston, Mass. Works: Danvers, Mass.
Tredegar Co. (Merchant Bar, Car Iron), ft of 5th, Richmond, Va.
Tuttle Chas. W. (Merchant Bar Iron), ft of McMaster, Auburn, N. Y.
Ulster Iron Works (Puddled Merchant Bar Iron), Dover, N. J.
Union Rolling Mill Co. (Refined Bar Iron; also Bolt, Nut, Rivet Iron), Aetna rd & E 82d, Cleveland, O.
Virginia Iron Coal & Coke Co. (Merchant Bar Iron), Roanoke, Va.
Westerman & Co. (Rounds, Squares, Hexagons & Fancy Shapes & Horse Shoe Iron), Lockport, N. Y.
Wurster F. W. & Co. (Merchant Bar Iron), 375 Kent av, Brooklyn, N. Y.

Iron (Boiler & Tank Plate)

See Iron & Steel, Boiler & Tank Plate

6692— Iron (Bridge)

See also Steel Structural Mills

Lockhart Iron & Steel Co., Pittsburgh, Pa.
Logan Iron & Steel Co., Morris bldg, Phila, Pa.

6692a— Iron Carbonate

Milwaukee Structural Steel Co., 19th & St. Paul av, Milwaukee, Wis.
Ohio Falls Iron Co., New Albany, Ind.
Drakenfeld B. F. & Co. (Imp.), 50 Murray, New York

Iron Castings

See Castings, Various Kinds; also Machinists & Founders

Iron (Channel)

See Steel Structural Mills

6693— Iron (Charcoal Sheet)

See also Iron & Steel Sheet, Black & Galvanized

American Sheet & Tin Plate Co. (Hammered Bloom Galv'd), Frick bldg, Pittsburgh, Pa.
Carnahan Tin Plate & Sheet Co. (Tinned), Canton, O.
Ewald Iron Co., Louisville, Ky.
Griffith Charcoal Iron Mills, Washington, Pa.
Reeves Mfg. Co. ("Reeves Guaranteed"), Dover, O.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Whitaker-Glessner Co., Wheeling Corrugating Dept., Wheeling, W. Va.

6694— Iron Chromate

Drakenfeld B. F. & Co. (Imp), 50 Murray, New York

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Iron (Electrical)

See Iron & Steel Sheet, Electrical

6695— Iron (Engine Bolt)

See also Iron Bar Mills

Bethlehem Steel Co. (Double Refined), South Bethlehem, Pa.
Carter Iron Co. ("Carter"), 307 5th av, Pittsburgh, Pa.
Lockhart Iron & Steel Co. ("Vulcan" Puddled), Pittsburgh, Pa.
Old Dominion Iron & Nail Works Co., Belle Isle, Richmond, Va.
Ohio Falls Iron Co., New Albany, Ind.
Pittsburgh Forge & Iron Co., Chamber of Commerce bldg, Pittsburgh, Pa.
Rome Iron Mills Inc., 30 Church, New York
Slatington Iron & Steel Co., Slatington, Pa.
Ulster Iron Works ("Ulster" Special), Dover, N. J.

Iron Fencing

See Iron Railings & Fences; also Fences, Iron & Steel Picket

6696— Iron (Guide)

See also Iron Bar Mills

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.

6697-8— Iron (Horse Shoe)

See also Iron Bar Mills

Empire Rolling Mill Co., Bessemer & C. & P. Ry., Cleveland, O.
Logan Iron & Steel Co., Morris bldg., Phila, Pa.
Ohio Falls Iron Co. (Hammered Charcoal Iron), New Albany, Ind.
Rome Merchant Iron Mill, Rome, N. Y.
Slatington Iron & Steel Co., Slatington, Pa.
Tuttle Chas. W., ft of McMaster, Auburn, N. Y.

6699— Iron Muck Bar

(This List Contains Only those Firms Who Manufacture Muck Bars for Sale)
Bethlehem Steel Co. (Low Phosphorus), South Bethlehem, Pa.
Blandon Rolling Mill, Blandon, Pa.
Brooke E. & G. Iron Co., Birdsboro, Pa.
Carter Iron Co. (Fine Grades), 307 5th av, Pittsburgh, Pa.
Empire Rolling Mill Co., Bessemer & C. & P. Ry., Cleveland, O.
Glasgow Iron Co., Pottstown, Pa.
Highland Iron & Steel Co., Terra Haute, Ind.
Interstate Iron & Steel Co., 1st Nat'l Bk bldg, Chicago, Ill.
Kittanning Iron & Steel Mfg. Co., Kittanning, Pa.
Lebanon Valley Iron & Steel Co., Lebanon, Pa.
Lessig Geo. B. Co., Pottstown, Pa.
Logan Iron & Steel Co., Morris bldg, Pa.
Milton Mfg. Co., Milton, Pa.
Moorhead Bros. & Co., Sharpsburg, Pa.
Pittsburgh Forge & Iron Co., Chamber of Commerce bldg, Pittsburgh, Pa.
Potts Bros. Iron Co., Pottstown, Pa.
Roe & Conover 206 Frelinghuysen av, Newark, N. J.
See adv index at end of book
Spang, Chalfant & Co., Union Bank bldg, Pittsburgh, Pa.
Youngstown Sheet & Tube Co., Youngstown, O.

6699a— Iron Nitrate

General Chemical Co., 25 Broad, New York
Merrimac Chemical Co., 148 State, Boston, Mass.

Iron (Norway)

See Iron & Steel, Swedish

6700— Iron (Open Hearth)

Andrews Steel Co. (Rust Resisting Sheets, etc), Newport, Ky.
Inland Steel Co. (Rust-Resisting Sheets & Plates), 1st Nat'l Bank bldg, Chicago, Ill.
Newport Rolling Mill Co. (Rust Resisting, Anti-Corrosive Sheets), Newport, Ky.

6700a— Iron Oxide

See also Oxide of Iron

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

6700b— Iron (Perchloride)

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Iron Pier Builders

See Steel Structural Work

Iron (Pipe & Flue)

See Iron & Steel Skelp

Iron (Planished)

See Locomotive Jacket Iron; also Steel Sheets, Planished & Polished

6700b—Iron (Precipitated Oxide of)

Lavino E. J. & Co., Bullitt bldg, Phila. Pa.

6701—Iron Railings & Fences

For other Iron Railing Manufacturers see Iron, Architectural & Ornamental; also Bank & Office Railings; also Wire Fences
Amos Chas. & Co., 640 Hart av, Detroit, Mich.
ANCHOR POST IRON WORKS, 167 Broadway, New York.
For branch offices see Alphabetical Section
Armstrong & Parker, Bath & North, Baltimore, Md.
Balderston H. & Son, 319 Pearl, Baltimore, Md.
Barbee Wire & Iron Works, Lafayette, Ind.
Barnum E. T. Wire & Iron Wks., 864 Woodward, Detroit, Mich.
Bayley Wm. Co., Springfield, O.

IRON RAILINGS & FENCES—continued

Belmont Iron Wks., 22d & Wash. av, Phila., Pa.
Biggin Charles P. Co., 1829 Harlan, Phila., Pa.
Bolles J. E. Iron & Wire Works, 4th & Porter, Detroit, Mich.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Braun J. G., 609 S Paulina, Chicago, Ill.
Brown H. L. Fence & Mfg. Co., Oakley, Cincinnati, O.
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.
Champion Iron Co., Kenton, O.
Chesapeake Iron Works, Westport, Baltimore, Md.
Christopher & Simpson Iron Works Co., 9th & Park av, St. Louis, Mo.
Cincinnati Iron Fence Co., Cincinnati, O.
Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
Coleman Adelbert E., 336 W 37th, Chicago, Ill.
Colnik C. Mfg. Co., 750 Greenbush, Milwaukee, Wis.
Columbus Wire & Iron Works Co., Columbus, O.
Cornell Iron Works, 26th & 11th av, New York
Creswell Samuel J. Iron Works, 23d & Cherry. Phila. Pa.
Darby Edward & Sons Co., 239 Arch, Phila., Pa.
Dauchy Iron Works, 223 W Illinois, Chicago, Ill.
Davenport Machine & Foundry Co., Davenport, Ia.
Deschauer Wire & Iron Works, 2009 Larrabee, Chicago, Ill.
Dietrich Bros., cor Pleasant & Davis, Baltimore, Md.
Dow Wire & Iron Works, Louisville, Ky.
Dufur, Baggott & Co., 225 W Saratoga, Baltimore, Md.
Dufur & Co., 311 N Howard, Baltimore, Md.
Eagle Iron Works Inc., 850 De Kalb av, Brooklyn, N. Y.
East Iron & Machine Co. (Railings Only), 351 E Market, Lima, O.
Ernst's Chas. F. Sons, Buffalo, N. Y.
Fiske J. W. Iron Works, 80 Park pl, New York
Fletcher & Crowell Co., Portland, Me.
Flour City Ornamental Iron Works, 27th st & 27th av, Minneapolis, Minn.
Gehret Bros., Bridgeport, Pa.
Halsted Joseph Co., 1233 W Randolph, Chicago, Ill.
HANKE IRON & WIRE WORKS, 800 N Albany av, Chicago, Ill.
See adv index at end of book
Hassell Iron Works Co., Colorado Springs, Colo.
Heath-Johnson Co. Inc., 300 W Ontario, Chicago, Ill.
Hennecke C. Co., 1353 N Pierce, Milwaukee, Wis.
Henry-Bonnard Bronze Co., 20 Exchange pl, New York
Herzog Iron Works, St. Paul, Minn.
Howard & Morse (For Interiors), 46 Fulton, New York
Huntington Iron Works, Huntington, W. Va.
Inglis Wm. Wire & Iron Wks., 61 Woodbridge E, Detroit, Mich.
International Steel & Iron Co., Evansville, Ind.
Jackson Wm. H. Company, 2 W 47th, New York
Jones Willis H., Utica, N. Y.
Kansas City Wire & Iron Works, Kansas City, Mo.
Kleeman L. F. Mfg. Co., 1923 Central, Kansas City, Mo.
Krees Bros. Iron Wks, 1807 Carter av, New York
Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
Lindenschmidt Co., Evansville, Ind.
Love Bros. Inc., Aurora, Ill.
Loewer John E. Wire & Iron Works Co., 914 Campbell, Kansas City, Mo.
Lucas A. & Sons, 1329 S Washington, Peoria, Ill.
Lyons F. P. Iron Works, 319 Elm, Manchester, N. H.
McKinney Jas. & Son, Albany, N. Y.
Manly Jail Works, Dalton, Ga.
Mast Foos & Co., Springfield, O.
Meier-Wiese Co. (Railings Only), Ft. Wayne, Ind.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Mesker Geo. L. & Co. (Railings), Evansville, Ind.
MEYERS FRED J. MFG. CO., Hamilton, O.
See adv index at end of book
Milwaukee Structural Steel Co., 19th & St. Paul av, Milwaukee, Wis.
Nash Caleb, Mt. Vernon, N. Y.
New Haven Fence & Fire Escape Co., 683 Grand av, New Haven, Conn.
NEWMAN MFG. CO. (Hand Railing), 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill.
See adv index at end of book
Norfolk Iron & Wire Works, Inc., Norfolk, Va.
Norfolk Iron Co., Norfolk Downs, Quincy, Mass.
Pacific Fence Construction Co., 423 Market, San Francisco, Cal.
Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn.
See adv index at end of book
Peter F. N. & Bro. (Wrought Iron & Cast Iron), Newside, Pa.
PITT WM. R. COMPOSITE IRON WORKS, 221 W 26th, New York
See adv index at end of book
Pittsburgh Ornamental Iron Co., S 20th & Wharton, Pittsburgh, Pa.
Potts Mfg. Co., Mechanicsburg, Pa.
Queen City Iron & Wire Wks. Co., Denver, Colo.
Racky Albert C., 531 S 5th av, Chicago, Ill.
Ralston Iron Works, 20th & Indiana, San Francisco, Cal.
Remppis Wm. F. Co., 226 Spruce, Reading, Pa.
Republic Structural Iron Works Co., 1350 E 53d, Cleveland, O.
Richey, Browne & Donald (& Bronze), Flushing av, Maspeth, N. Y.
Richmond Structural Steel Co., 17th & Dock, Richmond, Va.
Roanoke Iron & Bridge Wks, Roanoke, Va.
St. Louis Wire & Iron Works Co., 518 Chouteau av, St. Louis, Mo.
Scaar Frank & Co., 1042 W 11th, Chicago, Ill.
Schneider's C. A. Sons, 212 12th, Washington, D. C.
Schreiber L. & Sons Co., 3869 Ivanhoe, Cincinnati, O.
Seiferlein & Malleis, Detroit, Mich.
SMITH F. P., WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Smyser Royer Co., York, Pa.
SNOW W. A. IRON WORKS, Inc, 19 Portland, Boston, Mass.
Sommerville Iron & Bronze Co., 5641 Butler, Pittsburgh, Pa.
Standard Iron & Wire Works, Chattanooga, Tenn.
Stewart Iron Works Co., Covington, Ky.
Taylor & Dean, Penn av. & 25th, Pittsburgh, Pa.
Thompson Hervey, 233 Bway, New York
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
Union Foundry Works, 38 S Dearborn, Chicago, Ill.
United Ornamental Iron Works, 189 W Madison, Chicago, Ill.
Van Dorn Iron Works Co. (Wrought), 2700 E 79th, Cleveland, O.
Verdeckberg Iron & Wire Works Co., Denver, Colo.
Voss Frederick, 1852 Austin av, Chicago, Ill.
Vulcan Co., 11 Raynor, Detroit, Mich.
Wayne Iron Works, Commercial Trust bldg, Phila., Pa.
Wells Architectural Iron Co., River av & 1st, New York
West Side Structural Co., Troy, N. Y.
Winslow Bros Co., 2600 Harrison, Chicago, Ill.
WRIGHT WIRE CO., Worcester, Mass.
See adv index at end of book
Zeman Iron Works, 5651 Broadway, Cleveland, O.

6702—Iron (Refined Hammered)

Cyclops Steel Co., 120 B'way, New York

6703— Iron (Russia)

Harvey, Arthur C. Co., 374 Congress, Boston, Mass.
See adv index at end of book

6704— Iron (Rust Resisting)

Allegheny Steel Co. ("Allegheny" Charcoal Iron), Oliver bldg, Pittsburgh, Pa.
Andrews Steel Co. (Genuine Open Hearth, Sheets, etc), Newport, Ky.
EDWARDS MFG. CO., Cincinnati, O.
See adv index at end of book
Inland Steel Co. ("Vismera"), First Nat'l Bank bldg, Chicago, Ill.
Newport Rolling Mill Co. ("Genuine Open Hearth," Sheets), Newport, Ky.
Reeves Mfg. Co. ("Reeves Guaranteed"), Dover, O.
Stark Rolling Mill Co. (Toncan, Metal Sheets) Canton, O.
Whitaker-Glessner Co. (Portsmouth Iron), Wheeling, W. Va.

6705—Iron (Rustless, Oxidized)

Meyers Fred'k J. Mfg. Co., Hamilton, O.
See adv index at end of book

6705a— Iron Scale

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

6706—Iron Sheets (Blue Annealed)

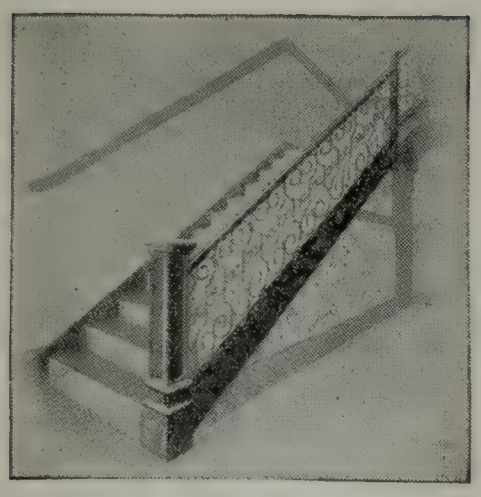
Edwards Mfg. Co., Cincinnati, O.
See adv index at end of book
Reeves Mfg. Co., Dover, O.
Whitaker-Glessner Co. (Rust Resisting), Wheeling, W. Va.

Iron Skelp

See Iron & Steel Skelp

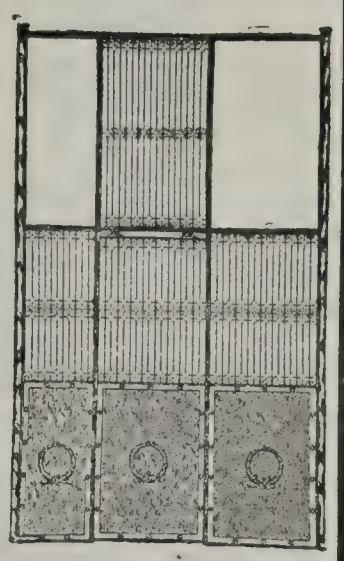
6707— Iron Stair Builders

Amos Chas & Co., 640 Hart av, Detroit, Mich.
Armstrong & Parker, Bath & North, Baltimore, Md.
Barnum E. T. Wire & Iron Works, 864 Woodward, Detroit, Mich.
Bayer-Rothgeb Co., Los Angeles, Cal.
Belmont Iron Works, 22d & Washington av, Phila, Pa.
Bolles J. E. Iron & Wire Works, 4th & Porter, Detroit, Mich.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Capital Iron Works Co., Topeka, Kan.
Champion Iron Co., Kenton, O.
Chesapeake Iron Works, Westport, Baltimore, Md.
Child W. C. W., 355 Kingsland av, Brooklyn, N. Y.
Christopher & Simpson Iron Works Co., 9th & Park av, St. Louis, Mo.
Coleman Adelbert E., 336 W 37th, Chicago, Ill.
Cornell Iron Works, 26th & 11th av, New York
Creswell Samuel J. Iron Works, 23d & Cherry, Philadelphia, Pa.
Crown Iron Works Co., 1229 Tyler, Minneapolis, Minn.
Dexter Metal Mfg. Co. (Spiral), 93 Arch, Camden, N. J.
Eagle Iron Works, 850 De Kalb av, Brooklyn, N. Y.
Ernst's Chas. F. Sons, Buffalo, N. Y.
Fletcher & Crowell Co., Portland, Me.
Flour City Ornamental Iron Works, 27th st & 27th av, Minneapolis, Minn.
Forest City Steel & Iron Co., 110th nr Detroit av, Cleveland, O.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Guaranty Iron & Wire Co., 2847 W Lake, Chicago, Ill.
Halsted Joseph Co., 1233 W Randolph, Chicago, Ill.
HANKE IRON & WIRE WORKS, 800 N Albany av, Chicago, Ill.
See adv index at end of book
Hassell Iron Works Co., Colorado Springs, Colo.
Hastings Foundry & Iron Works, Hastings, Neb.
Hay Foundry & Iron Works, Plum Point la, Newark, N. J.
Hedden Iron Construction Co., Lyons Farms, Newark, N. J.
Henry-Bonnard Bronze Co., 20 Exchange pl, New York
Herzog Iron Works, St. Paul, Minn.
Heughes F. L. & Co., Rochester, N. Y.
Holmes, Pyott & Co., 159 N Jefferson, Chicago, Ill.



ORNAMENTAL WIRE, IRON, BRASS AND BRONZE WORK

Elevator Cars and Enclosures
Bank Railings
Wickets
Gates and Grilles
Window Guards
Stable Fittings
Stairways
Balconies
Prismatic Lights
Area Gratings
Jail Work
Fire Escapes
Wire and Iron Fencing
Wire Signs
Iron Reservoir Vases
Wire and Iron Lawn Furniture



THE FRED J. MEYERS MFG. CO.
HAMILTON, OHIO

Estimates Cheerfully Furnished
Catalog on Request

Howard & Morse, 46 Fulton, New York
Huntington Iron Works, Huntington, W. Va.
International Steel & Iron Co., Evansville, Ind.
Iowa Steel & Iron Works, Cedar Rapids, Ia.
Jackson Wm. H. Company, 2 W 47th, New York
Keokuk Hydraulic Tire Setter Co., Keokuk, Ia.
Kleeman L. F. Mfg. Co., 1923 Central, Kansas City, Mo.
Lane Thos. Co., Farmers' Bank bldg, Pittsburgh, Pa.
Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
Love Bros. Inc., Aurora, Ill.
Loewer-John E. Co., Wire & Iron Works, 914 Campbell, Kansas City, Mo.
Lucas A. & Sons, 1329 S Washington, Peoria, Ill.
McKinney Jas. & Son, Albany, N. Y.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Mesker Geo. L. & Co., Evansville, Ind.
Meier-Wiese Co., Ft. Wayne, Ind.
MEYERS FRED J. MFG. CO., Hamilton, O.
See adv index at end of book
Milliken Bros., Staten Island, N. Y.
Milwaukee Structural Steel Co., 19th & St. Paul av, Milwaukee, Wis.
Mugler's Iron Works, 841 E 136th, New York
Norfolk Iron Co., Norfolk Downs, Quincy, Mass.
Norfolk Iron & Wire Works, Inc., Norfolk, Va.
Paxton & Vierling Iron Works, Omaha, Neb.
Pittsburgh Ornamental Iron Co., S 20th & Wharton, Pittsburgh, Pa.
Plocher Andrew Sons Co., Dayton, O.
Remppis Wm. F. Co., 226 Spruce, Reading, Pa.
Republic Structural Iron Works Co., 1350 E 53d, Cleveland, O.
Richey, Browne & Donald (Cast & Wrought Iron & Steel), Flushing av, Maspeth, N. Y.
Riser & Moulding Co., Thomas & Stewart av, Brooklyn, N. Y.
Roanoke Iron Works, Roanoke, Va.
Roanoke Iron & Bridge Wks. (Inc.), Roanoke, Va.
Rohns Albert & Co., Detroit, Mich.
St. Louis Wire & Iron Co., St. Louis, Mo.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
Scaar Frank & Co., 1042 W 11th, Chicago, Ill.
Schneider's C. A. Sons, 212 12th, Washington, D. C.
Schreiber L. & Sons Co., 3869 Ivanhoe, Cincinnati, O.
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Smith & Caffery Co., Syracuse, N. Y.
Smyser, Royer Co., York, Pa.
Sommerville Iron & Bronze Co., 5641 Butler, Pittsburgh, Pa.
Southwest Wire & Iron Works Co., Kansas City, Mo.
Standard Architectural Iron Works, 2800 Bloomingdale av, Chicago, Ill.
Standard Iron & Wire Works, Chattanooga, Tenn.
Stevens Iron Works & Fireproofing Co., Cleveland, O.
Syracuse Architectural Iron Works, Syracuse, N. Y.
Taylor & Dean, Penn av & 25th, Pittsburgh, Pa.
Thompson Hervey, 233 B'way, New York
Tilk Frank Ornamental Iron Works Co., 211 W 19th, Kansas City, Mo.
Titchener E. H. & Co., Binghamton, N. Y.
TYLER W. S. Co., Cleveland, O.
See adv index at end of book
Union Foundry Works, 38 S Dearborn, Chicago, Ill.
United Iron Works Co., Kansas City, Mo.
United Ornamental Iron Works, 189 W Madison, Chicago, Ill.
Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.
Verdeckberg Iron & Wire Works Co., Denver, Colo.
Vierling Steel Works, 23d & Stewart av, Chicago, Ill.
Vulcan Co., 11 Raynor, Detroit, Mich.
Wayne Iron Works, Commercial Trust bldg., Philadelphia, Pa.
Wells Architectural Iron Co., River av & 51st, New York
Western Architectural Iron Co., 211 W Schiller, Chicago ,Ill.
Western Iron & Foundry Co., Wichita, Kansas
West Side Structural Co., Troy, N. Y.
Whale Creek Iron Works, 245 Huron, Brooklyn, N. Y.
Winslow Bros Co., 4600 Harrison, Chicago, Ill.
Wisconsin Iron & Wire Works, Milwaukee, Wis

6708—Iron Stair Builders (Combination Steel Concrete Interior

Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book

6709— Iron (Staybolt)

Bethlehem Steel Co. ("Bethlehem"), South Bethlehem, Pa.
Carter Iron Co. ("The Carter," "Special"), 307 5th av, Pittsburgh, Pa
Delaware Seamless Tube Co. (Hollow Staybolt Stock), Auburn, Pa.
Ewald Iron Co. ("Tennessee," Charcoal Bloom & "E,-I.-E. Charcoal), Louisville, Ky.
Falls Hollow Staybolt Co. (Hollow & Solid Staybolt Bars, Made from Double Refined Charcoal Iron & Steel), Cuyahoga Falls, O.
Harvey Arthur C. Co., 374 Congress, Boston, Mass. *See adv index at end of book*
Hughes & Patterson ("H. & P."), 800 Richmond, Phila., Pa.
Jones B. M. & Co., Inc, (Importers of "The Taylor," Best Yorkshire), 141 Milk, Boston, Mass.
Lockhart Iron & Steel Co., Pittsburgh, Pa.
Logan Iron & Steel Co., Morris bldg, Phila., Pa.
National Tube Co. ("National" & "SHELBY" Hollow Staybolts), Frick bldg, Pittsburgh, Pa.
Ohio Falls Iron Co., New Albany, Ind.
Old Dominion Iron & Nail Works Co., Belle Isle, Richmond, Va.
Pittsburgh Forge & Iron Co. ("Atlas"), Chamber of Commerce bldg, Pittsburgh, Pa.
Reading Iron Co., Reading, Pa.
Republic Iron & Steel Co., Youngstown, Ohio
Rockaway Rolling Mill, Rockaway, N. J.
Rome Iron Mills, Inc. (Hollow), 30 Church, New York
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Ulster Iron Works ("Ulster," Special), Dover, N. J.
Union Rolling Mill Co., Aetna rd & E 82d, Cleveland, O.

6709a— Iron Sulphate

See also Copperas

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Iron Summer Houses

See Summer Houses or Arbors

Iron (Swedish)

See Iron & Steel, Swedish

6710— Iron (Tagger's)

Harvey Arthur C. Co., 374 Congress, Boston, Mass. *See adv index at end of book*
Phillips Sheet & Tin Plate Co., Wierton, W. Va.
Taylor N. & G. Co., Mariners & Merchants bldg, Phila., Pa.

Iron (Tee)

See Steel Structural Mills

6711— Iron (Trunk)

Phillips Sheet & Tin Plate Co., Weirton, W. Va.

Iron & Steel Angles, Channels, Tees, Etc.

See Steel Structural Mills. Structural Iron & Steel of all Kinds are Classified Under this Heading. See Matter Following Each Firm's Name

6712—Iron & Steel (Band & Hoop)

Altoona Iron Co. (Iron Only), Altoona, Pa.
American Car & Foundry Co. (Band Iron Only), Syndicate Trust bldg, St. Louis, Mo.
American Tube & Stamping Co. (Hot & Cold Boiler Steel Hoops & Bands), Bridgeport, Conn.
Atlantic Steel Co. (Open Hearth Steel), Atlanta, Ga.
Carnegie Steel Co. (Steel Only), Carnegie bldg, Pittsburgh, Pa.
CARY MFG. CO., Nassau & Jay, Brooklyn, N. Y. *See adv index at end of book*
Colorado Fuel & Iron Co., Denver, Colo.
Connors-Weyman Steel Co. (Steel Hoops Only), Birmingham, Ala.
DE HAVEN MFG. CO. (Cold Rolled Steel), 50 Columbia Heights, Brooklyn, N. Y.
Empire Rolling Mill Co., Bessemer & C. & P. Ry, Cleveland, O.
Farist Steel Co., Bridgeport, Conn.
Harrow Spring Co. (Band Only), Milwaukee, Wis.
Harvey Arthur C. Co., 374 Congress, Boston, Mass. *See adv index at end of book*
Hughes & Patterson (Iron Only), 800 Richmond, Phila, Pa.
Illinois Steel Co. (Steel Bands), 208 S La Salle, Chicago, Ill.
Jones & Laughlin Steel Co. (Steel Only), Ross, Pittsburgh, Pa.
Judson Mfg. Co., 819 Folsom, San Francisco, Cal.
Laclede Steel Co., Federal Reserve Bank bldg, St. Louis, Mo.
Larkin J. K. & Co., 34 Reade, New York *See adv index at end of book*
Lockhart Iron & Steel Co. ("Vulcan" Band Iron), Pittsburgh, Pa.
Mac Murray Steel Hoop Co., 4082 Princeton av, Chicago, Ill.
Ohio Falls Iron Co. (Light & Heavy Bands Only), New Albany, Ind.
Old Dominion Iron & Nail Works Co. (Band Iron Only), Belle Isle, Richmond, Va.
Pacific Hardware & Steel Co. (Band Iron Only), 7th & Townsend, San Francisco, Cal. Works: Portland, Ore.
Peck Iron & Steel Wks. (Bands Only, Kalamazoo, Mich.
Pittsburgh Steel Co. (Steel), 5th av & Grant, Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, Ohio
Robertson W. F. Steel & Iron Co., Elm & Commerce, Cincinnati, O.
Rome Merchant Iron Mill (Iron), Rome, N. Y.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Sharon Steel Hoop Co. (Steel Bands & Hoops, Galvanized, Pickled, etc), Sharon, Pa.
SOULE EDW. L. CO. (Iron & Steel Products of All Kinds), Rialto bldg, San Francisco, Cal.
See adv index at end of book
West Leechburg Steel Co. (Pickled & Annealed, Open Hearth Steel), Farmers Bank bldg, Pittsburgh, Pa.; Works: Leechburg, Pa.
Youngstown Sheet & Tube Co., Youngstown, O.

Iron & Steel Bar

See Iron Bar Mills; also Steel Bar Mills

6713—Iron & Steel Boiler & Tank Plate

Allegheny Steel Co. (Open Hearth Steel Sheared Plates), Oliver bldg, Pittsburgh, Pa.
ALLOY STEEL PRODUCTS CORP., 30 Church, New York
See adv index at end of book
AMERICAN STEEL WIRE CO. (Bessemer & Open Hearth Steel Boiler, Tank & Bridge Plate), 208 S La Salle, Chicago, Ill. *See adv index at end of book*
Andrews Steel Co.)Steel Tank Plate Only), Newport, Ky.
Bailey & Allen Co., 122 S Michigan blvd, Chicago, Ill.
Carbon Steel Co. (Steel Only), foot 32nd, Pittsburgh, Pa.
Carnegie Steel Co. (Steel Only), Carnegie bldg, Pittsburgh, Pa.
Central Iron & Steel Co., Harrisburg, Pa.
CHICAGO BRIDGE & IRON WORKS (Boiler), 1319 W 105th, Chicago, Ill.
For branch offices see Alphabetical Section
Crucible Steel Co. of America (Crucible & Open Hearth Steel), Oliver bldg, Pittsburgh, Pa.
Farist Steel Co., Bridgeport, Conn.
Glasgow Iron Co., Pottstown, Pa.
Harvey Arthur C Co., 374 Congress, Boston, Mass.
See adv index at end of book
Illinois Steel Co. (Open Hearth & Bessemer Steel), 208 S La Salle, Chicago, Ill.
INLAND STEEL CO. (Open Hearth Steel), First Nat'l Bank bldg, Chicago, Ill.
Jones & Laughlin Steel Co. (Open Hearth Steel), Ross, Pittsburgh, Pa.
Judson Mfg. Co., 819 Folsom, San Francisco, Cal.
La Belle Iron Works (Open Hearth Steel), Steubenville, O.
Lackawanna Steel Co. (Bessemer & Open Hearth Steel Boiler, Bridge & Tank Plate), Buffalo, N. Y.
Larkin J. K. & Co. (Iron & Steel Checkered Plates), 34 Reade, New York
See adv index at end of book
Lukens Steel Co. (Open Hearth Steel), Coatesville, Pa.
MERCHANT & EVANS CO., 2035 Washington av, Phila., Pa.
See adv index at end of book
Moorhead Bros. & Co., Sharpsburg, Pa.
Midvale Steel & Ordnance Co., Widener bldg, Phila., Pa.
Otis Steel Co. (Open Hearth Sheared Steel Plates, 1-4 inch & Heaier & up to 144 inches wide), Leader-News bldg, Cleveland, O.
Republic Iron & Steel Co. (Steel), Youngstown, O.
RYERSON JOS. T. & SON, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa.
See adv index at end of book
SOULE EDW. L. CO. (Iron & Steel Products of All Kinds), Rialto bldg, San Francisco, Cal.
See adv index at end of book
Tennessee Coal, Iron & Railroad Co. (Steel Only), Birmingham, Ala.
Wood Alan Iron & Steel Co. ("A. W." Basic Open Hearth Steel, etc), Widener bldg, Phila., Pa.

6714—Iron & Steel (Corrugated, Mfrs.)

Firms marked thus (*) Roll their own Sheets
See also Roofing & Siding, Iron & Steel
Allegheny Steel Co. ("Allegheny" Iron Only), Oliver bldg Pittsburgh, Pa.
*American Rolling Mill Co., Middletown, Ohio
*American Sheet & Tin Plate Co. (Black, Painted & Galvanized), Frick bldg, Pittsburgh, Pa.
*Apollo Steel Co., Apollo, Pa.
*Berger Mfg. Co. ("Multiplex"), Canton, O.
Berger Mfg. Co. of Calif., 1120 Mission, San Francisco, Cal.
Brier Hill Steel Co. (Open Hearth Steel), Youngstown, O.
Canton Art Metal Co., Canton, O.
*Carter Iron Co. (Iron Only), 307 5th av, Pittsburgh, Pa.
Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
***DE FOREST SHEET & TIN PLATE CO.,** Niles, O. *See adv index at end of book*
East Birmingham Iron Roofing Co., Birmingham, Ala.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Eller Mfg. Co., Canton, O.
Friedley-Voshardt Co., Inc., 733 S Halstead, Chicago, Ill.
Globe Iron Roofing & Corrugating Co., Newport, Ky.
Griffiths Charcoal Iron Mills (Charcoal Iron Sheets), Washington, Pa.
Hyndman Roofing Co., 318 E 2d, Cincinnati, O.
Impervious Metal Corp. (Impervious Coated), Pittsburgh, Pa.
*Inland Steel Co. (Open Hearth Steel Sheet Only), First Nat'l Bk bldg, Chicago, Ill.
Judson Mfg. Co., 819 Folsom, San Francisco, Cal.
Kanneberg Roofing & Ceiling Co., Canton, O.
La Belle Iron Works (Steel), Steubenville, O.
Larkin J. K. & Co. (Sheets), 34 Reade, New York *See adv index at end of book*
McCullough Iron Co., Equitable bldg, Wilmington, Del.
Martin Metal Mfg. Co., Wichita, Kans.
Merchant & Evans Co., 2035 Washington av, Phila., Pa.
See adv index at end of book
Moeschl-Edwards Corrugating Co. Covington, Ky.
Milwaukee Corrugating Co., Milwaukee, Wis.
N. Y. Iron Roofing & Corrugating Co., 94 1st, Jersey City, N. J.
Niles Corrugating Co., Niles, O.
Ohio Corrugating Co., Warren, O.
Parkersburg Iron & Steel Co., Parkersburg, W. Va.
Penn Metal Ceiling & Roofing Co., Ltd., 23d & Hamilton, Phila., Pa.
Penn Metal Co. ("Penco"), 65 Franklin, Boston, Mass.
Reeves Mfg. Co., Dover, O.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, Ohio
*Seneca Iron & Steel Co. (Steel Only), Buffalo, N. Y.
Sharon Steel Hoop Co., Sharon, Pa.
Souther E. E. Iron Co., Klenlin & Hamburger, St. Louis, Mo.
Steel Roofing & Stamping Works, Des Moines, Ia.
Sykes Metal Lath & Roofing Co., Niles, O.
Sykes Co., 930 W 19th pl, Chicago, Ill.
Trumbull Steel Co., Warren, O.
Whitaker-Glessner Co. (Sheet Steel), Wheeling, W. Va.
*Wood Alan Iron & Steel Co. ("A. W."), Widener bldg, Phila., Pa.
*Wood J. & Bros. Co., Inc., Conshohocken, Pa.
Youngstown Pressed Steel Co. Youngstown, O.

6715—Iron & Steel Sheet (Black & Galvanized)

Aetna Steel Products Co., Inc. (Galvanized), 30 Church, New York
Allegheny Steel Co. (Black Open-Hearth Sheet Steel for Electric Work, Special Cold Rolled Stamping Steel for Deep Drawing, Nickel Plating, etc), Oliver bldg, Pittsburgh, Pa.
American Rolling Mill Co. (Open Hearth Steel Sheets Black & Galvanized; also Corrugated), Middletown, O.
American Sheet & Tin Plate Co. ("Apollo" Galvanized, "Apollo-Keystone" Galvanized steel for culverts, Bessemer & Open Hearth Steel Sheets, Black & Galvanized), Frick bldg, Pittsburgh, Pa.
Apollo Steel Co. (Galvanized Only) Apollo, Pa.
Berger Mfg. Co. (Steel), Canton, O.
Brier Hill Steel Co. (Open Hearth Sheet Steel, 10 to 30 Gauge), Youngstown, O.
Canonsburg Steel & Iron Works (Black Iron & Steel Sheets for Stamping, Enameling, Deep Drawing, Tinning, Galvanized, etc), Canonsburg Pa.
Canton Art Metal Co., Canton, O.
Canton Sheet Steel Co. ("Winir," Annealed Black & Galvanized), Canton, Ohio
Carnahan Tin Plate & Sheet Co. (Black Stamped Sheets), Canton, O.
Carter Iron Co. (Black Iron Chemical Sheets; also Roofing Sheets), 307 5th av, Pittsburgh, Pa.
Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
DE FOREST SHEET & TIN PLATE CO. (Bessemer & Open Hearth, Steel & Wrought Iron, 10 to 30 Gauge), Niles, O. *See adv index at end of book*
Edwards Mfg. Co., Cincinnati, O.
Follansbee Bros. Co. (Iron & Open Hearth Black & Galvanized Steel Sheets "H O H"), Pittsburgh, Pa.
Frasse Peter A. & Co., Inc., 417 Canal, New York *See adv index at end of book*
Garry Iron & Steel Mfg. Co. of N. Y. (Black & Galvanized), 529 W 23rd, New York
Griffiths Charcoal Iron Mills (Black & Galvanized Charcoal Iron Sheets), Pa.
Harvey Arthur C. Co., 374 Congress, Boston, Mass. *See adv index at end of book*
Illingworth Jno. Steel Co. (Hammered & Rolled Steel Sheets for Tools, Saws, Knives, Files, etc.), Tacony & Lewis, Phila., Pa.

INLAND STEEL CO. ("Vismera" & Open Hearth Steel), 1st Nat'l Bank bldg, Chicago, Ill.
JESSOP WM. & SONS, INC. ("Jessop's" Best Black Sheet Steel. Do not mfr Iron Sheets), 91 John, New York
See adv index at end of book
Jones & Laughlin Steel Co. (Tin Mill Size), Ross, Pittsburgh, Pa.
La Belle Iron Works (Open Hearth Steel Sheets), Steubenville, O.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
McCullough Iron Co. (Black & Galvanized Steel Sheet), Equitable bldg, Wilmington, Del.
Massillon Rolling Mill Co. (Bessemer & Open Hearth Steel Sheets), Massillon, Ohio
MERCHANT & EVANS CO., 2035 Washington av, Phila., Pa.
Morse & Son Co., 1881 E 87th, Cleveland, Ohio
Newport Rolling Mill Co. "Genuine Open Hearth," Iron, Black & Galvanized, Rust Resisting Iron & Sheets), Newport, Ky.
Ohio Corrugating Co., Warren, O.
Parkersburg Iron & Steel Co. (Fine Black Iron & Steel Sheets), Parkersburg, W. Va.
Phillips Sheet & Tin Plate Co. (Steel Sheets for Stamped Ware, Stove Pipe & Enameling & Galvanizing Stock), Weirton, W. Va.
Reeves Mfg. Co., Dover, O.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Saul Eugene C., Monadnock bldg, San Francisco, Cal.
Seneca Iron & Steel Co. (Black & Galvanized Bessemer Open Hearth Sheet Steel, 10 to 30 gauge, up to 42 wide and up to 12 ft in length), Buffalo, N. Y.
SOULE EDW. L. CO. (Iron & Steel Products of All Kinds), Rialto bldg, San Francisco, Cal.
See adv index at end of book
Stark Rolling Mill Co. (Open Hearth Steel & Toncan Metal, Black & Galvanized), Canton, O.
Trumbull Steel Co., Warren, O.
Universal Rolling Mill Co. (Bessemer & Open Hearth Steel Shovel, Nail & Tack Plate), Bridgeville, Pa.
West Penn Steel Co. (All Grades of Basic Open Hearth Steel Sheets), Brackenridge, Pa.
Wheeling Steel & Iron Co. (Bessemer Steel Black Sheets), Wheeling, W. Va.
Whitaker-Glessner Co. (Open Hearth Steel Box Annealed Black Sheets. Blue Annealed Sheets), Wheeling, W. Va.
Wood Alan Iron & Steel Co. ("A.W." Refined Iron & Basic Open Hearth Steel, Black & Galvanized), Widener bldg., Phila., Pa.
Wood J. & Bros. Co. Inc. (Sheet & Corrugated Iron & Blue Annealed Sheets), Conshohocken, Pa.
Wyoming Shovel Works (Crucible & Open Hearth Steel Sheets & Light Plates), Wyoming, Pa.
Youngstown Sheet & Tube Co. (Common & Double Refined Puddled Iron Sheets, Black & Galvanized Steel Sheets, Roofing, etc), Youngstown, O.

6716—Iron & Steel Sheet (Electrical)

See also Iron & Steel Sheet, Black & Galvanized

Allegheny Steel Co., Oliver bldg, Pittsburgh, Pa.
American Rolling Mill Co. ("Muskingum," Open Hearth Steel Sheets, Special Electric Analysis), Middletown, Ohio
American Sheet & Tin Plate Co. (Soft Steel Sheets, Doubled Annealed & Cold Rolled & Annealed Finishes), Frick bldg, Pittsburgh, Pa.
Crowley John A. Co., 120 Liberty, New York
De Forest Sheet & Tin Plate Co. (Open Hearth Steel), Niles, O.
See adv index at end of book
Follansbee Bros. Co., Pittsburgh, Pa.
Harvey Arthur C. Co., 374 Congress, Boston, Mass. *See adv index at end of book*
Inland Steel Co., First Nat'l Bank bldg, Chicago, Ill.
Massillon Rolling Mill Co., Massillon, O.
Republic Structural Iron Wks. Co., 1350 E 53d, Cleveland, O.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.
See adv index at end of book
West Penn Steel Co. (Steel Only), Brackenridge, Pa.
Whitaker-Glessner Co. (Electrical Sheet Steel), Wheeling, W. Va.
Wood J. & Bros. Co., Inc. (B Annealed), Conshohocken, Pa.

Iron & Steel Sheet (Galvanized)

See Iron & Steel Sheet, Black & Galvanized

6717— Iron & Steel Skelp

(This List contains only those Firms who Manufacture Skelp for Sale)
Allegheny Steel Co. (Open Hearth Steel), Oliver bldg, Pittsburgh, Pa.
American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Blandon Rolling Mill (Iron Only), Blandon, Pa.
Brooke E. & G. Iron Co. (Iron Skelp), Birdsboro, Pa.
Carnegie Steel Co. (Steel), Carnegie bldg, Pittsburgh, Pa.
Glasgow Iron Co. (Iron Only), Pottstown, Pa.
Harrisburg Pipe & Pipe Bending Co. (Steel Boiler Tube Skelp), Harrisburgh, Pa.
LaBelle Iron Works (Steel Only), Steubenville, O.
Logan Iron & Steel Co. (Socket Iron, etc), Morris bldg, Phila., Pa.
Moorhead Bros. & Co., Sharpsburg, Pa.
Potts Bros. Iron Co. (Iron), Pottstown, Pa.
Reeves Mfg. Co. (Charcoal Iron), Dover, O.
Republic Iron & Steel Co., Youngstown,, O.
Spang Chalfant & Co. (Pipe Iron), Union Bank bldg, Pittsburgh, Pa.
Wheeling Steel & Iron Co. (Grooved Skelp Steel, etc), Wheeling, W. Va.
Wood J. & Bros. Co. (Fine Iron), Conshohocken, Pa.
Youngstown Sheet & Tube Co. (Wrought Iron & Bessemer & Open Hearth Steel Skelp), Youngstown, O.

6718—Iron & Steel (Swedish & Norway)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Bacon & Co. (Norway & Swedish Iron), 107 Oliver, Boston, Mass.
Dodge Haley Co., 210 High, Boston, Mass.
HARVEY ARTHUR C. CO., 374 Congress, Boston, Mass.
See adv index at end of book
Houghton & Richards, 145 Oliver, Boston, Mass.
Illingworth John Steel Co., Tacony & Lewis, Phila., Pa.
Lundberg Gustaf, Board of Trade bldg, Boston, Mass.
Milne A. & Co. (Norway Iron & Steel), 741 Washington, New York
MORRIS E. K. & CO. (Jobbers Norway Iron), 317 W 2nd, Cincinnati, O.
Potts Horace T. & Co. (Of all Kinds), 318 N 3d, Phila., Pa.
SWEDISH IRON & STEEL CORPORATION ("Sisco Acorn" Drill Steel), 12 Platt, New York
See adv index at end of book
Todd Jno. H. L. (Swedish), 50 Broad, New York
Wheelock Lovejoy & Co. (Imp), 23 Cliff, New York

6718a— Iron Sulphide

Penn Salt Mfg. Co., Widener bldg, Phila., Pa.

6719—Irons (Awning Frame)

Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.

6720— Irons (Beck)

Hay-Budden Mfg. Co., 254 N Henry, Brooklyn, N. Y.

Irons (Branding)

See Burning Brands

6721— Irons (Break)

Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.

6722— Irons (Breast Collar)

Frazer & Jones Co., Syracuse, N. Y.

6723— Irons (Burling)

Bullock Mfg. Associates, Springfield, Mass.
Parkinson Edw. Mfg. Co., 84 Sprague, Providence, R. I.
Stortz John & Son, 210 Vine, Phila., Pa.

6724— Irons (Cable)

Nagel W. G. Electric Co., Toledo, O.

Irons (Calking)

See Tools, Calking

6725— Irons (Car Ladder)

Kansas City Bolt & Nut Co., Kansas City, Mo.
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

6726— Irons (Chafe or Rub)

Brady Electric Mfg. Co. ("Brady's" Brass & Bronze Bearing Roller), New Britain, Conn.
Chase Parker & Co., 83 Pearl, Boston, Mass.
Harvey Arthur C. Co., 374 Congress, Boston, Mass. *See adv index at end of book*
National Roller Chafe Iron Co., West Medway, Mass.

6727— Irons (Chair)

Globe Foundry & Machine Co., Sheboygan, Wis.
Jenkins Machine Co., Sheboygan, Wis.

6728— Irons (Clamp)

Stearns E. C. & Co. (Also Door Frame Iron), 450 Oneida, Syracuse, N. Y.

6729— Irons (Coopers')

White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

6730— Irons (Curling)

American Elec'l Heater Co., Burroughs & Woodward avs, Detroit, Mich.
Cassady Fairbanks Mfg. Co., 6126 S La Salle, Chicago, Ill.
Cutler-Hammer Mfg. Co. (Electric), 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Hamilton-Beach Mfg. Co. (Electric), Racine, Wis.
Houchin Thos. W. Co., 36 E 12th, New York
Landers, Frary & Clark (Electric), New Britain, Conn
Manhattan Elec'l Supply Co., 17 Park pl. New York *See adv index at end of book*
Nicol & Co. ("Grace Darling"), 218 N Jefferson, Chicago, Ill.
Presto Elec'l Co., San Francisco, Cal.
Pelouze Mfg. Co. (Electric), 232 E Ohio, Chicago, Ill.
Simplex Electric Heating Co. ("Simplex" Electric), Cambridge, Mass.
Slaughter Wm. ("Schwartz" Electric), 1712 S Michigan av, Chicago, Ill.
Vulcan Electric Heating Co. ("Vulcan," Self-Heating Electric), 107 W 13th, New York
Westinghouse Elec & Mfg. Co., East Pittsburgh, Pa. *See adv index at end of book*

6731— Irons (Dog)

A. & J. Mfg. Co., Gadsden, Ala.
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Bethlehem Steel Co., So Bethlehem, Pa.
Birmingham Stove & Range Co. (Cast Iron), Birmingham, Ala.
Chattanooga Implement & Mfg. Co., Chattanooga, Tenn.

IRONS (DOG)—continued

Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
Gray & Dudley Hardware Co., Nashville, Tenn.
Harriman Mfg. Co., Harriman, Tenn.
Harvey Arthur C. Co., 374 Congress, Boston, Mass. *See adv index at end of book*
Indiana Hollow Ware Co. (Cast Iron), Jeffersonville, Ind.
King Stove & Range Co., Sheffield, Ala.
Phillips & Buttorff Mfg. Co., Nashville, Tenn.
Price-Evans Foundry Co., Chattanooga, Tenn.
Southern Plow Co., Columbus, Ga.

6732—Irons (Gooseneck & Top Rest)

Ashtabula Bow Socket Co. (Small Drop Forged, Automobile, etc), Ashtabula, O.

6733— Irons (Grab)

Kansas City Bolt & Nut Co., Kansas City, Mo.
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
St. Louis Car Co., 8000 N. B'way, St. Louis, Mo.
Steel Car Forge Co., Pittsburgh, Pa.
Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

6734— Irons (Grappling)

Wilcox, Crittenden & Co., Middletown, Conn.

6735—Irons (Hair Pinching)

Nicol & Co. ("Cape May"), 218 N Jefferson, Chicago, Ill.
Osborne C. S. & Co., Harrison, N. J.

6736—Irons (Lead Pipe Bending)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

6337—Irons (Neck Yoke, Single & Whiffletree)

Collins, Hilton Co., Louisville, Ky.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Harvey Spring & Forging Co., Racine, Wis.
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Ransome-Leach Co., 115 B'way, New York
Wrought Washer Mfg. Co. (Steel), Milwaukee, Wis.

6738—Irons (Painters' Scaffold)

Auer John Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.

6739— Irons (Pinking)

Kraeuter & Co., 583 18th av, Newark, N. J.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Osborne C. S. & Co., Harrison, N. J.

6740— Irons (Plane)

Buck Bros. (Cut Double & Plane), Millbury, Mass.
Chapin-Stephens Co., Pine Meadow, Conn.
Grammes L. F. & Sons, Allentown, Pa.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Ohio Tool Co., Charleston, W. Va.
Sandusky Tool Co., Sandusky, O.
Sargent & Co., New Haven, Conn.
Stanley Rule & Level Co., New Britain, Conn.
Union Mfg. Co., New Britain, Conn.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

Irons (Polishing)

See Sad Irons

6741— Irons (Porch Post)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Grey Iron Casting Co., Mt. Joy, Pa.
Kramer Bros. Foundry Co., Dayton, O.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Susquehanna Casting Co., Wrightsville, Pa.
Swett A. L. Iron Works, Medina, N. Y.
Williams A. C. Co., Ravenna, O.
Wrightsville Hardware Co., Wrightsville, Pa.

6742— Irons (Rig)

Chrisman Foundry Co., Morgantown, W. Va.
Gowanda Agricultural Works, Gowanda, N. Y.
Kansas City Bolt & Nut Co. (Bolts & Nuts), Kansas City, Mo.

6743— Irons (Rub)

Defiance Machine Works ("Dickman"), Defiance, O.
Harvey Spring & Forging Co., Racine, Wis.
Stowell Co. The, So Milwaukee, Wis.

6744— Irons (Sash Cord)

Allen & Son Co. ("Bulldog"), Hartford, Conn.
Conn. Cord Iron Corp., Norwich, Conn.
Jenks H. F. Co., Pawtucket, R. I.
Morgan Spring Co., Worcester, Mass. *See adv index at end of book*
Peck, Stow & Wilcox Co., Southington, Conn.
Sargent & Co., New Haven, Conn.
S. & I. Co. ("Titan"), Springfield, Mass.

6745— Irons (Stake)

Badger Malleable & Mfg. Co., South Milwaukee, Wis.
Bell City Malleable Iron Co., Racine, Wis.
Hall Mfg. Co. ("Hall" for Drays, Wood Racks etc), Monticello, Ia.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
STANLEY WORKS, New Britain, Conn. *See adv index at end of book*
Stowell Co. The (Malleable Steel), So Milwaukee Wis.

6746— Irons (Stanchion)

Adams Co., Dubuque, Ia.
Cheney S. & Son, Manlius, N. Y.
James Mfg. Co., Ft. Atkinson, Wis.
Loetscher-Ryan Mfg. Co., Dubuque, Ia.
Swift Stanley C. Mfg. Co., Cuba, N. Y.

6747— Irons (Storm Stoop)

Auer John, Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.

6748— Irons (Timbale)

Wrightsville Hardware Co., Wrightsville, Pa.

6749— Irons (Tire)

See also Tools, Automobile

Harvey Arthur C. Co., 374 Congress, Boston, Mass. *See adv index at end of book*
Mossberg Frank Co. (For Motorcycles), Attleboro, Mass.

6750— Irons (Top)

Amesbury Brass & Foundry Co. (Slats), Amesbury, Mass.
Anderson Forge & Machine Co., Detroit, Mich.
Ashtabula Bow Socket Co. (Goosenecks & Bow Rest Irons), Ashtabula, O.
Brewer-Tichenor Corp. (Shifting Rails), Cortland, N. Y.
Cortland Forging Co. ("Ajax" Shifting Rails), Cortland, N. Y.
Cowles C. & Co. ("New York" & "Phila." Slat Irons), New Haven, Conn.
Detroit Forging Co. (Shafting Rails), 120 Mt. Elliot av, Detroit, Mich.
General Drop Forge Co., Buffalo, N. Y.
Michigan Bolt & Nut Works, Detroit, Mich.
Newton W. H. & Son (Gooseneck Irons), Cortland, N. Y.
Rands Mfg. Co., Detroit, Mich.
Scherer H. & Co., Detroit, Mich.
Springfield Auto Top & Upholstering Co. (Slat Irons), Springfield, Mass.
Woodruff Walter W. & Sons Co. (Slat Irons), Mt. Carmel, Conn.

6751— Irons (Tuyere)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Barber Mfg. Co., Ashtabula, O.
Barcus Mfg. Co., Wabash, Ind.
Canedy-Otto Mfg. Co., Chicago Heights, Ill.
Champion Blower & Forge Co. ("Whirlwind," Blast Anti-Clinker), Lancaster, Pa.
Climax Fire Brick Co. (Bessemer), Climax, Clarion Co., Pa.
Foote J. B. Foundry Co., Fredericktown, Ohio
Huntsville Foundry & Machine Co., Huntsville, Ala.
Illinois Iron & Bolt Co. ("Norton," "Warren," "Clark," "Duck Nest"), Carpentersville, Ill.
Roots P. H. & F. M. Co., Connersville, Ind.
South Bend Foundry Co., South Bend, Ind.
Southern Skein & Foundry Co., Chattanooga, Tenn.
Stanley Geo. W. Co., Belleville, Ill.
Swett A. L. Iron Works, Medina, N. Y.
Towers & Sullivan Mfg. Co., Rome, Ga.
Wagner Mfg. Co., Sidney, O.
Wrightsville Hardware Co. ("L. S. I. Co."), Wrightsville, Pa.

6752— Irons (Waffle)

Andresen Hardware Co. ("Hart Shape"), 724 S 6th, Minneapolis, Minn.
Birmingham Stove & Range Co. (Roller, Cast Iron), Birmingham, Ala.
Crane Wm. M. Co. ("Vulcan Gas"), 16 W 32d, New York
Ely T. J. Mfg. Co. ("Dandy" for Gas Stoves), Erie, Pa.
Fanner Mfg. Co. (Wire or Wood Handle), Cleveland, O.
Griswold Mfg. Co. ("Greswold-American"), Erie, Pa.
Indiana Hollow Ware Co. ("New Era," also Revolving), Jeffersonville, Ind.
New England Novelty Works, Hill, N. H.
Phillips & Buttorff Mfg. Co., Nashville, Tenn.
Reading Hardware Co., Reading, Pa.
Stover Mfg. Co., Freeport, Ill.
Stuart & Peterson Co., Burlington, N. J.
Van John Range Co., 5th av & B'way, Cincinnati, O.
Wagner Mfg. Co., Sidney, O.
Wrightville Hardware Co., Wrightville, Pa.

6753—*Irons (Wagon Dump)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa. *See adv index at end of book*

6754— Irons (Wagon Stake)

Noll Bros. (Pressed Steel), 849 Allis, Milwaukee, Wis.

6755— Irons (Wall)

Bethlehem Steel Co., So Bethlehem, Pa.

6756—Irons & Braces (Corner)

Acme Steel Goods Co., 2834 Archer av, Chicago, Ill.
American Shovel & Stamping Co., Lorain, O.
Auer John, Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.
Aurora Door Hanger & Specialty Co., Aurora, Ill.
Brass Goods Mfg. Co., 533 Union, Brooklyn, N. Y.
Brewer Bros. Co. (Wrought Extension), 614 Filbert, Phila, Pa.
Chicago Hardware Foundry Co. (Cast Iron), North Chicago, Ill.
Columbus Bolt Works Co., Columbus, O.
Hager C. & Sons Hinge Mfg. Co. (Wrought Steel & Bronze), St. Louis, Mo.
Hardware Supply Co., Grand Rapids, Mich.
McKinney Mfg. Co., Pittsburgh, Pa.
Merwin Mfg. Co. (Pressed Steel), Erie, Pa.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
National Mfg. Co. (Wrought Steel), Sterling, Ill.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Reading Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn.
STANLEY WORKS (Wrought Steel), New Britain, Conn. *See adv index at end of book*
Stowell Co. The, So Milwaukee, Wis.

Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.
Wrought Washer Mfg. Co., Milwaukee, Wis.

6757— Irrigating Strainers

See Strainers, Irrigating

6758— Isinglass

American Glue Co. ("Cape Ann"), 121 Beverly, Boston, Mass.
Atlantic Isinglass Co., Boston, Mass.
Cape Ann Isinglass Co., 121 Beverly, Boston, Mass.
Gloucester Isinglass & Glue Co., Gloucester, Mass.
Haskins L. M. (For Brewers, etc.), 131 State, Boston, Mass.
Howe & French Isinglass Co. ("Ripley"), 89 State, Boston, Mass.
Reisig Chas. H., Imp, 269 Water, New York
Rockport Isinglass Co., Rockport, Mass.

6759— Ivory Black

Binney & Smith Co., 81 Fulton, New York
Coulston J. W. & Co. (Imp), 80 Maiden la, New York
Doggett, Stanley (Imp), 11 Cliff, New York
Osborn C. J. Co., 132 Nassau, New York
Railway Roller Bearing Co., Syracuse, N. Y. *See adv index at end of book*
Scheel Wm. H. (Imported), 159 Maiden la, New York
Seaver & Co., 120 Milk, Boston, Mass.
Siemon & Elting, 99 Nassau, New York
Smith J. Lee & Co., 19 Jacob, New York

6760— Ivory Goods

Kapp A. Jos. Sons Ivory Co., 124 E 14th, New York
Tower Sylvester Co., Cambridge, Mass.

6761— Ivory Importers

Arnold Cheney & Co., 82 Beaver, New York
Childs Parr & Joseph (Imp), 60 Wall, New York
Kaldenberg Trading Co., 433 Broome, New York
Landsberger Hugo Co., 260 W B'way, New York
Miltenberg Emil, 563 B'way, New York

6761a— *Ivory Substitutes

THE ARLINGTON WORKS (E. I. du Pont de Nemours & Co.), 21 E. 40th, New York

6762— Jack-Stones

Grey Iron Casting Co., Mt. Joy, Pa.
Wrightsville Hardware Co., Wrightsville, Pa.

6763— Jack-Straps

Aschenbach Harness Co., 71 Warren, New York
Boyle John & Co., 112 Duane, New York
Buhrke, R. H. Co., 2414 N Sac av, Chicago, Ill.
Dicke Tool Co. ("Howe"), Downers Grove, Ill.
Klein Mathias & Sons ("Cable"), 562 W Van Buren, Chicago, Ill.
Meckel Fred L., 11 E 13th, Chicago, Ill.
SMITH & HEMENWAY CO., 261 B'way, New York; 130 Coit, Irvington, N. J. *See adv index at end of book*

6764— Jackets (Furnace)

Columbiana Boiler Co., Columbiana, O.
Blaw-Knox Co., Farmers Bank bldg, Pitts-
Leetonia Boiler Co., Leetonia, O.
Wiemer Machine Works Co., Lebanon, Pa.

6765— Jackets (Milk Can)

Oakes & Burger Co. (Felt), Cattaraugus, N. Y.

6766— Jackets (Smelting)

Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

6767—Jackets (Water, for Smelting Plants)

Dover Boiler Works, Sales Office: 50 Church, New York; Works: Dover, N. J. *See adv index at end of book*
Leetonia Boiler Co., Leetonia, O.
Manitowoc Engineering Works, Manitowoc, Wis.
Traylor Engineering & Mfg. Co., Allentown, Pa.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*

Jacks (Armature)

See Lifts, Motor, Car Pit

6768—*Jacks (Automatic Lowering)

DUFF MFG. CO., N S, Pittsburgh, Pa. *See adv index at end of book*
ROGERS H. A. CO., 87 Walker, New York. *See adv index at end of book*

6769— Jacks (Automobile)

See also Jacks, Wagon; also Jacks, Various Kinds

Adell Mfg. Co. ("Adell"), Orange, Mass.
Ashland Mfg. Co., Ashland, O.
Ashland Products Co., Ashland, O.
Auto Accessories Co. ("Norwood"), 816 W North av, Baltimore, Md.
Barth Mfg. Co., Milwaukee, Wis.
Batavia Clamp Co. ("Colt's"), Batavia, N. Y.
Buckeye Jack Mfg. Co. ("Buckeye" Automatic, etc), Alliance, O.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Covert Mfg. Co. ("Covert's"), Troy, N. Y.
DEWES A. CO, 199 Lafayette, New York
DUFF MFG. CO., N S, Pittsburgh, Pa. *See adv index at end of book*
Elite Mfg. Co. ("Reliable"), Ashland, O.
Gemco Mfg. Co. ("Gemco," Tire Saving), Milwaukee, Wis.
Jiffy Jack Co., 1104 Prospect av, Cleveland, Ohio
Joyce-Cridland Co., Dayton, O.
Lane Bros. Co. ("Lane's" "H-C"), Poughkeepsie, N. Y.
Lovell-McConnell Mfg. Co. ("Raiswell"), 194 Wright, Newark, N. J.
Maxon-Miller Jack Co., Huntington, W. Va.
Morgan Mfg. Co. ("Morgan," on Wheels), Newport, R. I.
National-Standard Co. ("Standard," "Kazoo," "Leader"), Box 211, Niles, Mich.
Oliver Mfg. Co. ("E-Z," "Peerless," "New Samson"), 326 S Desplaines, Chicago, Ill.
Pratt Wm. E. Mfg. Co. ("Chicago"), 35 W Lake, Chicago, Ill.
Rogers H. A. Co., 87 Walker, New York *See adv index at end of book*
St. Charles Specialty Mfg. Co. ("Jensen"), St. Charles, Ill.
Shawver Co. ("Springfield," on Wheels), Springfield, O.
SPENCER'S I. S. SONS, INC. ("Acme"), Guilford, Conn.
Templeton Kenly & Co., Ltd., 1020 S Central av, Chicago, Ill.
Weaver Mfg. Co. ("Weaver Auto-Twin," on Wheels), Springfield, Ill.

6770— Jacks (Boot)

Estes E. B. & Sons (Wooden), 364 5th av, New York. *See adv index at end of book*
Root-Heath Mfg. Co. ("Bug"), Plymouth, Ohio

6771— Jacks (Bridge)

Buckeye Jack Mfg. Co., Alliance, O.
Dudgeon Richard (Hydraulic), 24 Columbia, New York
DUFF MFG. CO., N S, Pittsburgh, Pa. *See adv index at end of book*
Maxon-Miller Jack Co., Huntington, W. Va.
National-Standard Co. ("Standard"), Box 211, Niles, Mich.
Norton A. O., Inc., 286 Congress, Boston, Mass.
Rogers H. A. Co., 87 Walker, New York *See adv index at end of book*
Templeton Kenly & Co., Ltd., 1020 S Central av, Chicago, Ill.

6772— Jacks (Cable Reel)

Anderson Forge & Machine Co., Detroit, Mich.
Buckeye Jack Mfg. Co. ("Buckeye"), Alliance, O.
DUFF MFG. CO., N S, Pittsburgh, Pa. *See adv index at end of book*
Hallett Iron Works ("Hallett"), Harvey, Ill.
Kelly L. J. Mfg. Co., Albany, N. Y.
Norris Electric Specialties Co. ("Mullin"), 38 Park Row, New York
Templeton Kenly & Co., Ltd, 1020 S Central av, Chicago, Ill.

6773— Jacks (Car)

Brill J. G. Co. ("Hercules"), 62d & Woodland av, Phila., Pa.
Buckeye Jack Mfg. Co., Alliance, O.
Buda Co., Railway Exch bldg, Chicago, Ill.
Chapman Jack Co. ("Chapman") 45th & Lakeside av, Cleveland, O.
Deweese F. M. & Co. ("Mosher"), Chillicothe, O.
Dudgeon Richard (Hydraulic), 24 Columbia, New York
DUFF MFG. CO., N S, Pittsburgh, Pa. *See adv index at end of book*
Joyce-Cridland Co., Dayton, Ohio
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Lovejoy Tool Works ("Car Inspection"), 319 W Ohio, Chicago, Ill.
Maxon-Miller Jack Co. (Improved Maxon-Miller Lever), Huntington, W. Va.
National-Standard Co. ("Standard" Triple & Automatic Lowering), Box 211, Niles, Mich.
Norton A. O., Inc., 286 Congress, Boston, Mass.
Pearson Jack Co. ("Pearson"), 185 Franklin, Boston, Mass.
ROGERS H. A. CO., 87 Walker, New York *See adv index at end of book*
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Templeton Kenly & Co. (Ltd.) ("Simplex"), 1020 S Central av, Chicago, Ill.

Jacks (Car Journal)

See Jacks, Car

Jacks (Car Pit)

See Lifts, Motor, Car Pit

Jacks (Car Replacing)

See Jacks, Car

Jacks (Carriage)

See Jacks, Wagon

6774—Jacks (Engine Centering)

McMaster-Carr Supply Co. ("Chicago," for Turning Engine off Centre), 174 N Market, Chicago, Ill.

6775— Jacks (Gas Pumping)

Masseth Packer & Machine Works, Butler, Pa.
Meyers F. E. & Bro, 800 Orange, Ashland, O. *See adv index at end of book*

When writing to firms whose names appear in this book please mention
HENDRICKS' COMMERCIAL REGISTER.

HYDRAULIC JACKS

Watson-Stillman Hydraulic Jacks have stood the test for over 60 years, and have more than held their own against the many that have tried to compete. This in itself is sufficient proof of their superiority.

We build over 450 sizes and types, inside and outside pump type, high and low lift, small and large tonnage, and jacks for special purposes.

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Jacks (Geared)

See Jacks, Ratchet

6776— Jacks (Hatters')

Watson L. S. Mfg. Co., Leicester, Mass.

6777— Jacks (House-Raising)

American Skein & Foundry Co. ("A. S. & F. Co." Press Screws), Racine, Wis.
DUFF MFG. CO., N S, Pittsburgh, Pa.
See adv index at end of book
Elite Mfg. Co., Ashland, O.
Illinois Iron & Bolt Co. (Press Screws for House Raising), Carpentersville, Ill.
Joyce-Cridland Co., Dayton, O.
McKeenan-Terry Drill Co. ("Atlas", 15 Park Row, New York
Maxon-Miller Jack Co. (Improved "Maxon Miller" Lever), Huntington, W. Va.
Norton A. O., Inc., 286 Congress, Boston, Mass.
Rock Island Mfg. Co., Rock Island, Ill.
Rogers H. A. Co., 87 Walker, New York
See adv index at end of book
Springfield Foundry Co., Springfield, Mass.
Swett A. L. Iron Works, Medina, N. Y.

6778— Jacks (Hydraulic)

Anderson Forge & Machine Co., Detroit, Mich.
Bethlehem Steel Co., South Bethlehem, Pa.
Dienelt & Elsenhardt ("Reliance"), 1308 N Howard, Phila., Pa.
Dudgeon Richard ("Universal"), 24 Columbia, New York
DUFF MFG. CO. ("Duff-Bethlehem"), N S, Pittsburgh, Pa.
See adv index at end of book
ELMES CHAS. F. ENGINEERING WORKS, INC., cor. Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
Henderer's A. L. Sons, Wilmington, Del.
Irving Mfg. & Tool Co. ("Tangye's," Imported, etc), 157 Chambers, New York
Joyce-Cridland Co., Dayton, O.
Justice Philip S. & Co. ("Reliance"), 421 Chestnut, Phila., Pa.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Union Iron Works. Hoboken. N. J.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*

6779— Jacks (Ladder)

Bettcher Mfg. Co. (Painters), 6120 Clark av, S W, Cleveland, O.
Krewson T. C., 801 Master, Phila., Pa.
Steel Scaffolding Co., Evansville, Ind.

Jacks (Lifting)

See Jacks, Track, Lifting, etc

Jacks (Locomotive)

See Jacks, Screw, Locomotive, Bell Base, etc.

6780— Jacks (Oil Well)

Dudgeon Richard (Hydraulic), 24 Columbia, New York
DUFF MFG. CO., N S, Pittsburgh, Pa.
See adv index at end of book
Jones S. M. Co., Toledo, O.
Lucey Mfg. Corp., 233 B'way, New York.
For branch offices see Alphabetical Section
Norton A. O. Inc., 286 Congress, Boston, Mass.

6781—Jacks (Oil Well Casing)

Lucey Mfg. Corp., 233 B'way, New York
For branch offices see Alphabetical Section
Masseth Packer & Machine Works, Butler, Pa.

6782— Jacks (Pipe Forcing)

DUFF MFG. CO., N S, Pittsburgh, Pa.
See adv index at end of book

6783— *Jacks (Pit)

WATSON-STILLMAN CO. (Hydraulic), 38 Church, New York
See adv index at end of book

6784-5—Jacks (Planer & Lathe)

Armstrong Bros. Tool Co. ("Armstrong"), 339 N Francisco av, Chicago, Ill.

Jacks (Pneumatic Pit)

See Lifts, Motor, Car Pit

6786— Jacks (Pulling)

Channon Jas. H. Mfg. Co. (Ratchet), 227 W Erie, Chicago, Ill.
DUFF MFG. CO., N S, Pittsburg, Pa.
See adv index at end of book
Joyce-Cridland Co., Dayton, O.
Pearson Jack Co. ("Pearson"), 185 Franklin, Boston, Mass.
Templeton Kenly & Co. Ltd. (Pole), 1020 S Central av, Chicago, Ill.

6787— Jacks (Pumping)

See Also Well Drilling Machines
American Well Works (Geared), Aurora, Ill. *See adv index at end of book*
Appleton Mfg. Co., Batavia, Ill.
Associated Mfrs. Co. ("Amanco"), Waterloo, Ia.
Baker Mfg. Co., Evansville, Wis.
Brunner Foundry & Mfg. Co., Peru, Ill.
Butler Co., Butler, Ind.
Cedar Rapids Foundry & Machine Co., Cedar Rapids, Ia.
Challenge Co. ("Challenge," "Dandy"), Batavia, Ill.
Chamberlain Machine Works ("Chamberlain"), Waterloo, Ia.
Charter Gas Engine Co. ("Sterling"), Sterling, Ill.
Clark & Norton Mfg. Co., Wellsville, N. Y.
Crestline Mfg. Co., Crestline, O.
Cushman Motor Works, Lincoln, Neb.
Dakota Plow & Wagon Co., Sioux Falls, S. D.
Davis-Hansen Co., Oshkosh, Wis.
Dempster Mill Mfg. Co. ("Dempster"), Beatrice, Neb.
Douglas W. & B., Middletown, Conn.
Duplex Mfg. Co. ("Duplex"), Superior, Wis.
Fairbanks, Morse & Co. ("Fairbanks Morse," "Handy," "Eclipse"), 900 S Wabash av, Chicago, Ill.
Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.
Freeman Mfg. Co., Racine, Wis.
Gehl Bros. Mfg. Co., West Bend, Wis.
Gilson Mfg. Co., Port Washington, Wis.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Haish Jacob Co. ("Chanticleer"), De Kalb, Ill.
Hayes Pump & Planter Co., Galva, Ill.
Humphryes Mfg. Co., Mansfield, O.
International Harvester Company of America, Inc., Harvester bldg, Chicago,
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
Kansas City Engine Works ("Elliott"), Kansas City, Mo.
Lennox Machine Co., 2558 W 16th, Chicago, Ill.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
Marseilles Co., East Moline, Ill.
Mast, Foos & Co. ("Buckeye"), Springfield, O.
Moore Plow & Implement Co., Greenville, Mich.
MYERS F. E. & BRO., 800 Orange, Ashland, O. *See adv index at end of book*
New Way Motor Co., Lansing, Mich.
New Winona Mfg. Co., Winona, Minn.
Ottumwa-Moline Engine & Pump Co. ("Eli," "Moline"), Ottumwa, Ia.
Perkins Wind Mill Co., Mishawaka, Ind.
Peters Pump Co., Kewanee, Ill.
Plattner-Yale Mfg. Co., Lincoln, Neb.
Red Jacket Mfg. Co., Davenport, Ia.
Reeves Pulley Co., Columbus, Ind.
San Antonio Machine & Supply Co., San Antonio, Texas
Schmidt B. L. Co. ("Schmidt"), Davenport, Ia.
Spang & Co., Butler, Pa.
Sparta Iron Works Co. (Geared), Sparta, Wis.
Steiner M. & Co., Dayton, O.
Stickney Chas. A. Co. ("Worm Gear"), Fillmore & Starkey, St. Paul, Minn.
Stover Mfg. Co. ("Ideal"), Freeport, Ill.
Thompson J. Plow Works, Beloit, Wis.
Trahern Pump Co. ("Trahern"), Rockford, Ill.
Turner Mfg. Co. ("Simplicity"), Port Washington, Wis.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Waterloo Gasoline Engine Co., Waterloo, Iowa

6788— Jacks (Punch)

Yost G. M. Mfg. Co. (All Cast Steel), Meadville, Pa.

6789— Jacks (Pushing)

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Pearson Jack Co. ("Pearson"), 185 Franklin, Boston, Mass.

Jacks (Railroad)

See Jacks, Car; also Jacks, Track

6790— Jacks (Ratchet)

American Skein & Foundry Co. (Bell Base & Tripod Ratchet Jack Screws), Racine, Wis.

Buckeye Jack Mfg. Co., Alliance, O.
Buda Co., Railway Exchange bldg., Chicago, Ill.
Channon Jas. H. Mfg. Co. (Ratchet Pulling), 227 W Erie, Chicago, Ill.
DUFF MANUFACTURING CO., N S, Pittsburgh, Pa.
See adv index at end of book
Illinois Iron & Bolt Co. (Ratchet Jack Screws), Carpentersville, Ill.
Joyce-Cridland Co., Dayton, O.
Justice Philip S. & Co. (Ball Bearing Screw), 421 Chestnut, Philadelphia, Pa.
Kalamazoo Railway Supply Co. (Also Friction), Kalamazoo, Mich.
Lovejoy Tool Works (Cone-Bearing for Car Inspectors), 319 W Ohio, Chicago, Ill.
Munnsville Plow Co. (Ratchet Jack Screws), Munnsville, N. Y.
National-Standard Co. ("Standard"), Box 211, Niles, Mich
Norton A. O. Inc. (Ball Bearing Screw), 286 Congress, Boston, Mass.
Pearson Jack Co. ("Pearson" Ratchet Journal), 185 Franklin, Boston, Mass.
Pittsburgh Trolley & Forge Co., Pittsburgh, Pa.
Rock Island Manufacturing Co., Rock Island, Ill.
Rogers H. A. Co., 87 Walker, New York
See adv index at end of book
Templeton Kenly & Co. (Ltd.), 1020 S Central av, Chicago, Ill.

Jacks (Reel)

See Jacks, Cable Reel

6791— Jacks (Robie)

Richle Bros. Testing Machine Co., 1424 N 9th, Philadelphia, Pa.

6792—Jacks (Screw, Locomotive, Bell Base, Etc.)

American Skein & Foundry Co. ("A. S. & F. Co." Locomotive Jack Screws), Racine, Wis.
Brill J. G. Co., 62d & Woodland av, Philadelphia, Pa.
Buckeye Jack Mfg. Co., Alliance, O.
Buda Co., Railway Exchange bldg., Chicago, Ill.
Chapman Jack Co. ("Chapman"), 45th & Lakeside av, Cleveland, O.
Deweese F. M. & Co. ("Mosher"), Chillicothe, O.
DUFF MFG. CO. (Ball Bearing), N S, Pittsburgh, Pa.
See adv index at end of book
Illinois Iron & Bolt Co. ("I. I. & B. Co." Tee Top, Car Box, Bell Base Ratchet, Tripod Ratchet, Ratchet Carrying, Truck & Wagon, Pulling, Telescopic, etc), Carpentersville, Ill.
Irving Mfg. & Tool Co., 157 Chambers, New York
Joyce-Cridland Co. (Geared), Dayton, O.
Justice Philip S. & Co. (Ball Bearing), 421 Chestnut, Phila., Pa.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Lovejoy Tool Works ("Ball's Telescopic & Cone-Bearing Ratchet Screw"), 319 W Ohio, Chicago, Ill.
McKinnon Iron Works Co. (Nick-I-Works Co.), Ashtabula, O.
McMaster-Carr Supply Co. ("Chicago," Engine Jack), 174 N Market, Chicago, Ill.
Maxon-Miller Jack Co. ("Maxon-Miller" Lever), Huntington, W. Va.
Millers Falls Co., 28 Warren, New York
Munnsville Plow Co. (Ratchet Jack Screws), Munnsville, N. Y.
New London Vise Works ("Peerless" Bell Bottom), New London, Conn.
Norton A. O. Inc. (Ball Bearing Ratchet, Screw & Locomotive), 286 Congress, Boston, Mass.
Oliver Mfg. Co. ("E-Z"), 326 S Desplaines, Chicago, Ill.
Pearson Jack Co. ("Pearson" Screw Jacks), 185 Franklin, Boston, Mass.
Peck, Stow & Wilcox Co., Southington, Conn.
Rock Island Mfg. Co., Rock Island, Ill.
Rogers H. A. Co., 87 Walker, New York
See adv index at end of book
WATSON-STILLMAN CO., 38 Church, New York
See adv index at end of book
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.

6793—Jacks (Stone, Log, Etc.)

ALLIS-CHALMERS MFG. CO. (Log), Milwaukee, Wis.
See adv index at end of book
Brunner & Lay (Stone), 570 W Polk, Chicago, Ill.
Buckeye Jack Mfg. Co., Alliance, O.
Burnett Fdry. & Machine Works, Ltd., Petoskey, Mich.
Channon Jas. H. Mfg. Co. ("Union"), 227 W Erie, Chicago, Ill.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
DUFF MFG. CO., N S, Pittsburgh, Pa.
See adv index at end of book
Fair Haven Foundry & Machine Co., Inc., Fair Haven, Vt.
Garratt W. T. & Co., 299 Fremont, San Francisco, Cal.
Irving Mfg. & Tool Co., 157 Chambers, New York
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
Joyce-Cridland Co., Dayton, O.
Kelly L. J. Mfg. Co. ("Kelly's Albany"), Albany, N. Y.
Klemm E. R., 1453 Austin av, Chicago, Ill.
Lane Mfg. Co. (Log), Montpelier, Vt.
Lincoln Iron Works (Geared Lifting), Rutland, Vt.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
Maxon-Miller Jack Co. ("Maxon" Lever), Huntington, W. Va.
Moltz Jacob J., Williamsport, Pa.
Murray D. J. Mfg. Co. (Iron Frame, etc), Wausau, Wis.
O'Leary Arthur J. & Son Co., 65th & S 57th av, Chicago, Ill.
Oliver Mfg. Co., 326 S. Desplaines, Chicago, Ill.
Phoenix Mfg. Co., Eau Claire, Wis.
Rogers H. A. Co., 87 Walker, New York
See adv index at end of book
Southern Engine & Boiler Works, Jackson, Tenn.

6794—Jacks (Tie Spacing & Straightening)

Belle City Malleable Iron Co. ("Murray" Malleable Iron), Racine, Wis.

6795—Jacks (Track, Lifting, Etc.)

American Skein & Foundry Co. (Locomotive, Car Box & Ratchet Jack Screws), Racine, Wis.
Barth Mfg. Co. ("Barth"), 350 Milwaukee, Milwaukee, Wis.
Big Four Mfg. Co., Bloomfield, Ind.
Buckeye Jack Mfg. Co. ("Buckeye"), Alliance, O.
Buda Co., Railway Exch. bldg, Chicago, Ill.
Burrows Walter R. ("Burrows" Ball Bearing), 80 Maiden la, New York
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Chapman Jack Co. ("Chapman"), 45th & Lakeside av, Cleveland, O.
Crerar, Adams & Co. ("Jenne"), 259 E Erie, Chicago, Ill.
Deweese F. M. & Co. ("Mosher"), Chillicothe, O.
Dewes A. Co., 199 Lafayette, New York
Dudgeon Richard (Hydraulic), 24 Columbia, New York
DUFF MFG. CO. ("Barrett"), N S, Pittsburgh, Pa.
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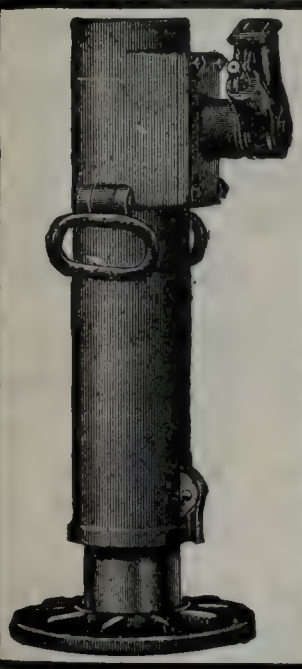
Fair Haven Foundry & Machine Co., Inc. (Geared), Fair Haven, Vt.
Foltz Mfg. & Supply Co., Hagerstown, Md.
Hagerstown Foundry Co., Hagerstown, Md.
Henderer's A. L. Sons, Wilmington, Del.
Hine-Watt Mfg. Co. ("Columbia"), 180 N Market, Chicago, Ill.
Hodgkins J. F. Co., Gardiner, Me.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Irving Mfg. & Tool Co. 157 Chambers, New York
Joyce-Cridland Co. ("Jenne" Pattern), Dayton, Ohio
Justice Philip S. & Co. (Sure Drop), 421 Chestnut, Phila., Pa.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Kelly L. J. Mfg. Co. ("Albany"), Albany, N. Y.
Klemm E. R., 1453 Austin av, Chicago, Ill.
Maxon-Miller Jack Co. ("Maxon-Miller" Lever), Huntington, W. Va.



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New London Vise Works, New London, Conn.
Norton A. O. Inc. ("Sure Drop," Ball Bearing), 286 Congress, Boston, Mass.
Oliver Mfg. Co. ("Peerless," "Samson," "Oliver," "Weiler" & "Klemm," "E Z"), 326 S Desplaines, Chicago, Ill.
Pratt Wm. E. Mfg. Co. ("Acme"), 35 W Lake, Chicago, Ill.
Rock Island Mfg. Co., Rock Island, Ill.
ROGERS H. A. CO., 87 Walker, New York
See adv index at end of book
Star Jack Co., Bloomfield, Ind.
Swett A. L. Iron Works, Medina, N. Y.
Templeton, Kenly & Co. (Ltd.) ("Simplex"), 1020 S Central av, Chicago, Ill.
Union Jack Co., Bloomfield, Ind.
Verona Tool Works, Oliver bldg, Pittsburgh, Pa.
Victor Mfg. Co., Bloomfield, Ind.
Weaver Mfg. Co. ("Twin"), Springfield, Ill.

6796—Jacks (Traversing or Traveling)

Dudgeon Richard (Hydraulic), 24 Columbia, New York
DUFF MFG. CO., N S, Pittsburgh, Pa.
See adv index at end of book
Joyce-Cridland Co., Dayton, O.
Norton A. O. Inc., 286 Congress, Boston, Mass.

6797— Jacks (Universal)

DUFF MFG. CO., N S, Pittsburgh, Pa.
See adv index at end of book

6798— Jacks (Wagon)

See also Jacks, Automobile

American Skein & Foundry Co. ("A. S. & F. Co." Jack Screws), Racine, Wis.
Ames Plow Co., Quincy Hall, Boston, Mass.
Ashland Products Co., Ashland, O.
Barth Mfg. Co. ("Barth"), Milwaukee, Wis.
Batavia Clamp Co. ("Colt's"), Batavia, N. Y.
Buch's A. Sons Co., Elizabethtown, Pa.
Buffum Tool Co. ("Reliable"), South Side, Louisiana, Mo.
Chicago Steel Foundry Co., 3701 S Kedzie av, Chicago, Ill.
Covert Mfg. Co. ("Covert's"), Troy, N. Y.
Covert Saddlery Works ("Victor," "Daisy"), Interlaken, N. Y.
Cutaway Harrow Co., Higganum, Conn.
Deweese F. M. & Co. ("Mosher"), Chillicothe, O.
Elite Mfg. Co. ("Reliable"), Ashland, O.
Eureka Mower Co. (Steel & Malleable Iron), 16 Hickory, Utica, N. Y.
Fernald Mfg. Co. ("Victor"), North East, Pa.
Hughes & Smythe, Galena, O.
Illinois Iron & Bolt Co. (Jack Screws), Carpentersville, Ill.
Joy Samuel S. ("New Idea"), Rockingham, N. H.
Kelly L. J. Mfg. Co. ("Samson"), Albany, N. Y.
Klemm E. R., 1453 Austin av, Chicago, Ill.
Lane Bros. Co. ("H-C" Steel), Poughkeepsie, N. Y.
Lansing Co. ("Miller," "Baltimore"), Lansing, Mich.
Lyon Iron Works, Greene, N. Y.
Maxon-Miller Jack Co., Huntington, W. Va.
Metropolis Bending Co., Metropolis, Ill.
Millers Falls Co. ("Power's"), 28 Warren, New York
Moulton C. W. H. Co., Somerville, Mass.
National Jack & Mfg. Co., 130 S Clinton, Chicago, Ill.
National Tubular Axle Co., Emigsville, Pa.
Oliver Mfg. Co. ("Peerless," "Samson," "Oliver" Practical), 326 S Desplaines, Chicago, Ill.
Peppler Thomas Son & Co., Hightstown, N. J.
Pioneer Pole & Shaft Co. ("Winter"), Piqua, Ohio
Porter J. E. Co. ("Porter's" Never-Slip), Ottawa, Ill.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Reno Mfg. Co. ("Frey's"), Erie, Pa.
R. I. Malleable Iron Works, Hills Grove, R. I.
Richards-Wilcox Mfg. Co. ("Tiger," "Wilcox" & "Richards" Handy), Aurora, Ill.
Rogers H. A. Co., 87 Walker, New York
See adv index at end of book
Steel Scaffolding Co. (Wagon & Carriage Wheel), Evansville, Ind.
Swett A. L. Iron Works, Medina, N. Y.
Templeton Kenly & Co. (Ltd.), 1020 S Central av, Chicago, Ill.
Torrey Bros. Co. ("Eclipse," "Champion"), Central Village, Conn.
Whitehurst R. W. Mfg. Corp. ("Boss"), Norfolk, Va.
Woodruff W. W. & Sons Co., Mt. Carmel, Conn.
Young Bros. Co., Worcester, Mass.

6799— *Jacks (Wrecking)

DUFF MFG. CO., N S, Pittsburgh, Pa.
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Rogers H. A. Co., 87 Walker, New York
See adv index at end of book

6800—Jail & Cell Work (Steel)

Alloy Steel Forging Co., Carnegie, Pa.
Barnum E. T. Wire & Iron Works (Steel Cells), 864 Woodward, Detroit, Mich.
Belmont Iron Wks., 22d & Wash. av, Phila., Pa.
Capital Iron Works Co., Topeka, Kans.
Champion Iron Co., Kenton, O.
Covington Arch'l Iron Works, Covington, Ky.
Crown Iron Works Co., 1229 Tyler, Minneapolis, Minn.
Diebold Safe & Lock Co. (Steel Cells Only), Canton, O.
Dyer Bros. Golden West Iron Works, 17th & Kansas, San Francisco, Cal.
East Iron & Machine Co., 351 E Market, Lima, O.
HALL'S SAFE CO., 3253 Spring Grove av, Cincinnati, O.
See adv index at end of book
Harrigan Safe Co. (Small), Kansas City, Mo.
Hassell Iron Works Co., Colorado Springs, Colo.
Hastings Fdry. & Iron Works, Hastings, Neb.
Herring-Hall-Marvin Safe Co., Hamilton, Ohio
Lane Thos. Co., Farmers Bank bldg, Pittsburgh, Pa.
Loewer John E. Wire & Iron Works Co., 914 Campbell, Kansas City, Mo.
Mack Iron & Wire Works Co., Sandusky, O.
Manly Jail Works, Dalton, Ga.
Meier-Wiese Co. (Steel), Ft. Wayne, Ind.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
National Iron & Wire Co., Cleveland, O.
Pauly Jail Building Co., 2215 De Kalb, St. Louis, Mo.
Phoenix Iron Works, E 3d & Hawthorne, Portland, Ore.
Remppis Wm. F. Co., 226 Spruce, Reading, Pa.
Richmond Structural Steel Co., 17th & Dock, Richmond, Va.
Roanoke Iron & Bridge Works, Inc., Roanoke, Va.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Smith Fence & Iron Co., Waynesboro, Pa.
Snead Arch'l Iron Works, Louisville, Ky.
Southern Structural Steel Co., San Antonio, Tex.
Southwest Wire & Iron Works Co., Kansas City, Mo.
Standard Iron & Wire Works, Chattanooga, Tenn.
Stewart Iron Works Co., Covington, Ky.
Van Dorn Iron Works Co. (Burglar-Proof, Prison Cells, etc), 2700 E 79th, Cleveland, O.
Verdeckberg Iron & Wire Works Co., Denver, Colo.
Western Iron Works, 141 Beale, San Francisco, Cal.
Whitehead & Kales Iron Works, Detroit, Mich.

6801— Janitors' Supplies

Barnett & Brown (Jobbers), 162 Pearl, New York
Bix Janitor Supply Co., 119 Pine, St. Louis, Mo.
Central Supply Co., 28 S William, New York
Dilley Wm., 22 N 5th av, Chicago, Ill.
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Johnson V. E., Tacoma, Wash.
Lewis Samuel, 73 Barclay, New York
Wilson Ludwig Brush & Supply Co., 455 S Clark, Chicago, Ill.

6802— Japanned Ware Mfrs.

Crunden-Martin Mfg. Co., 2d & Gratiot, St. Louis, Mo.
Federal Enameling & Stamping Co., Thompson & Chartiers, Pittsburgh, Pa.
Schlueter Mfg. Co. ("DeLuxe"), St. Louis, Mo.
Stratton & Terstegge Co., 15th & Main, Louisville, Ky.

6803— Japanned Wood

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

6804— *Japans

See also Varnish Manufacturers

Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.
THOMSON WOOD FINISHING CO., 827 N 3d, Phila., Pa.
See adv index at end of book

6805— Jardiniers

Benedict Mfg. Co., East Syracuse, N. Y.
Crescent Brass Mfg. Co., Cleveland, O.
Farber S W (Brass & Copper), 147 S 5th, Brooklyn, N. Y.
Friedman Joseph, 114 5th av, New York
Ray Geo. A. Mfg. Co. (Old Brass Finish, etc), Buffalo, N. Y.
Virden Co., Ashland rd & Longfellow, Cleveland, O.

6806— Jars (Acid)

See also Acid Vessels

Maddock John & Sons (White Vitreous or Porous Earthenware), Trenton, N. J.
Robinson Clay Product Co., Akron, O.

6807— Jars (Battery, Glass)

Cambridge Glass Co., Cambridge, O.
Canton Glass Co., Marion, Ind.
Corning Glass Works ("Nonex"), Corning, N. Y.
Cumberland Glass Mfg. Co., Bridgeton, N. J.
Gayner Glass Works, Salem, N. J.
Gillinder & Sons, State & Devereaux, Philadelphia, Pa.
Hemingray Glass Co., Covington, Ky.
Illinois Glass Co., Alton, Ill.
RODEFER GLASS CO. THE, Bellaire, O.
See adv index at end of book
Salem Glass Works, Salem, N. J.
United States Glass Co., S 9th & Bingham, Pittsburgh, Pa
Whitall, Tatum Co., 410 Race, Phila., Pa.
Whitney Glass Works, Bullitt bldg, Phila., Pa.

6808—Jars (Battery, Rubber)

American Hard Rubber Co., 9 Mercer, New York
Consumers' Rubber Co. ("Euclid"), Cleveland, O.
Goodrich B. F. Co., Akron, O.
Luzerne Rubber Co., Trenton, N. J.
Stokes Jos. Rubber Co., Trenton, N. J.
Vulcanized Rubber Co., 251 4th av, New York

6809—Jars (Battery, Vitrified)

Maddock John & Sons (Glazed or Unglazed), Trenton, N. J.

6809a—*Jars (Cigar & Cigarette)

SCHIMPER WILLIAM & SONS, 322-338 Ferry, Hoboken, N. J., & 33 Union sq W, New York

6810— Jars (Fruit)

Anacortes Glass Co., Anacortes, Wash.
Ball Bros. Glass Mfg. Co. ("Ball Perfect Mason," "Ball Ideal," "Ball Improved," "Ideal," "Mason," "Sure Seal"), Muncie, Ind., & Wichita Falls, Texas.
Co-Operative Flint Glass Co., Beaver Falls, Pa.
Federal Glass Co. (Mason & Lightning), Columbus, O.
Flaccus C. L. Glass Co., Empire bldg, Pittsburgh, Pa.
Gayner Glass Works, Salem, N. J.
Greenfield Fruit Jar & Bottle Co., Muncie, Ind.
Hawley Glass Co., Hawley, Pa.
Hazel Atlas Glass Co. ("E-Z Seal," Mason & other makes), Wheeling, W. Va.
Hemingray Glass Co., Covington, Ky.
Illinois Glass Co., Alton, Ill.
Illinois Pacific Glass Co., 15th & Folsom, San Francisco, Cal.
Imperial Glass Co., Charleroi, Pa.
Jenkins D. C. Glass Co. (Glass), Kokomo, Ind.
Kearns-Gorsuch Bottle Co., Zanesville, O.
Kerr Glass Mfg. Co., Portland, Ore.
Kerr Glass Mfg. Co., Sand Springs, Okla.
Mason Jar Glass Cap Co., Anderson, Ind.
Northwestern Glass Co., Saginaw, Mich.
Parker Bros. Glass Mfg. Co., Bridgeton, N. J.
Penna. Glass Co. (Flint), Anderson, Ind.
Root Glass Co., Terre Haute, Ind.
Salem Glass Works, Salem, N. J.
Schram Glass Mfg. Co., Hillsboro, Ill.
Whitall-Tatum Co., 410 Race, Phila., Pa.
Whitney Glass Works, Glassboro, N. J.
Williamstown Glass Co., Williamstown, N. J.

6811— Jars (Glass)

Federal Glass Co., Columbus, O.
Illinois Glass Co. (Cigar, Cold Cream, Ointment, Butter, Preserve. etc), Alton, Ill.
Imperial Glass Co., Bellaire, O
Jenkins D. C. Glass Co., Kokomo, Ind.
McKee Glass Co. (Candy), Jeannette, Pa.
Sneath Glass Co. (Spice, etc), Hartford, City, Ind.
Victor Jar Co. (For all Food Products), 321 Monroe av, Detroit, Mich.

Jars (Kitchen Cabinet)

See Jars, Glass

6812— Jars (Milk)

Binghamton Glass Co., Binghamton, N. Y.
Chattanooga Bottle & Glass Mfg. Co., Chattanooga, Tenn.
Essex Glass Co., Mount Vernon, O.
Fairmont Bottle Co., Fairmont, W. Va.
Fairmont Glass Works, Keystone & Belt, Indianapolis, Ind.
Fidelity Glass Co., Empire bldg, Pittsburgh, Pa.
Flaccus C. L. Glass Co., Tarentum, Pa.
Greensburg Glass Co., Greensburg, Pa.
Hamilton J. T. & A., 26th & A. V. R. R., Pittsburgh, Pa.
Illinois Glass Co., Alton, Ill.
Illinois Pacific Glass Co., 15th & Folsom, San Francisco, Cal.
Imperial Glass Co., Charleroi, Pa.
Jeannette Glass Co., Jeannette, Pa.
Jenkins D. C. Glass Co., Kokomo, Ind.
Lockport Glass Co, Lockport, N. Y.
Maring Hart & Co., Dunkirk, Ind.
Marion Flint Glass Co., Marion, Ind.
Obear-Nester Glass Co., St. Louis, Mo.
Thatcher Mfg. Co., Elmira, N. Y.
Whitney Glass Wks., Glassboro, N. J.
Williamstown Glass Co., Williamstown, N. J.
Winslow Glass Co., Columbus, O.

6813— Jars (Paste)

Smith L. E. Glass Co., Mt. Pleasant, Pa.

6813a—*Jars (Puff & Powder)

Schimper William & Sons, 322-338 Ferry, Hoboken, N. J., & 33 Union sq W, New York

6814—Jets & Nozzles (Acid Proof)

Duriron Castings Co. ("Duriron"), Dayton, O.

6815-6—Jewels (Scientific Instruments)

American Oil & Supply Co., 52 Lafayette,, Newark, N. J.
Bache, Semon & Co. (Imp. Sapphires, Agates, Glass, etc.), 636 Greenwich, New York
Deknatel J. A. & Son (Glass), 8 Heyward, Brooklyn, New York
Diamond Cupped Bearing Co., B'way & Manhattan, New York
Eastern Specialty Co. (Diamond & Sapphire), 3409 N 13th, Phila., Pa.
Glogan & Co. (Agate, Sapphire, etc.), Dickey bldg, Chicago, Ill.
Mildrum W. W. Jewel Co., East Berlin, Conn.
Newark Jewel Co., Newark, N. J.
Wennstroms John Sons Co. (Sapphire, Agate, etc), Suffern, N. Y.
Worley John, Waltham,, Mass.

6817— Jiggers

Ivens Wm. H. Sons Co. (For Round & Oval Work), P. O. Box 647, Trenton, N. J.

6818— Jigs (Coal & Ore)

Allis-Chalmers Mfg. Co. (Ore), Milwaukee, Wis. *See adv index at end of book*
Cory & Co., Oliver bldg, Pittsburgh, Pa.
Denver Engineering Works ("Richards" Pulsator), Denver, Colo.
Dillon-Box Iron Works Co., Denver, Colo.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av, & P. & R. Ry, Phila., Pa.
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McFarlane Mfg. Co., Denver, Colo.
McLanahan-Stone Machine Co. ("McLanahan"), Holidaysburg, Pa.
Mauch Chunk Iron Works, Mauch Chunk, Pa.
Mt. Carmel Iron Works ("B. & K."), Mt. Carmel, Pa.
Pittsburgh Coal Washer Co., Fulton bldg, Pittsburgh, Pa.
Tamaqua Mfg. Co. ("Christ" Patent), Tamaqua, Pa.
Wilmot Engineering Co. ("Simplex"), Hazleton, Pa.

6819—Jigs (For Concentrating Mills)

ALLIS-CHALMERS MFG. CO. ("Hancock"), Milwaukee, Wis.
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Denver Engineering Works Co., Denver, Colo.
Dillon-Box Iron Works Co., Denver, Colo.
Hallidie Co., Spokane, Wash.
KENNEDY-VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
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Pittsburgh Coal Washer Co., Fulton bldg,, Pittsburgh, Pa.
Portage Lake Foundry & Machine Co., Hancock, Mich.
Worthington Pump & Machy. Corp. ("Colton-Hartz," "Woodbury"), 115 B'way, New York *See adv index at end of book*

6820— Jigs (Key Filing)

Harrison & Co., 81 New, New York.

6821—Jigs & Fixtures (Drilling & Milling)

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AINSLIE MACHINE & TOOL WORKS, 35 Jefferson av, Hartford, Conn.
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Albany Machine & Tool Co., Albany, N. Y.
Allen Wrench & Tool Co., 754 Eddy, Providence, R. I. *See adv index at end of book*
American Mach. & Fdy. Co. (Gauges), 5520 2nd av, B'klyn, N. Y.
American Mach. Tool Engng. Wks., 4854 W Kinzie, Chicago, Ill.
American Tool & Mfg. Co., Urbana, O.
Anderson Mfg. Co., Elyria, O.
Ashley Machine Wks., Rochester, N. Y.
Atcheson & Barok Die Tool Co., 43 W Long, Columbus, O.
Bath John Co., Inc., 8 Grafton, Worcester, Mass.
Beach Mfg. Co., Little bldg, Boston, Mass.
Beaver Mach. & Tool Co. 13-15 Franklin, Newark, N. J.
Beaver Tool & Engng. Co., Elkin, Ill.
Becker Milling Mach. Co., Hyde Park, Mass.
Bersted Forming Tool Co., 771 Mather, Chicago, Ill.
Brierley Mach. Co., 1736 E 22nd, Cleveland, O.
Busch J. C. Co., 140 Ferry, Milwaukee, Wis.
Cannon T. J. & Sons Machine Co., Lynn, Mass.
Carroll Engineering Co., Dayton, O.
Carlson-Wenstrom Co., Erie av & Richmond, Phila., Pa.
Carpenter E. W. Mfg. Co., 515 Union av, Bridgeport, Conn.
Central Tool & Die Co., Dayton, O.
Chatham Mach. & Tool Wks., 128 Mott, New York
City Mach. & Tool Wks., Dayton, O.
Clegg Mfg. & Tool Co., Attleboro, Mass.
Cleveland National Machine Co., 1366 W 70th, Cleveland, O.
Columbia Metal Stamping Co., Cleveland, Ohio
Columbus Die, Tool & Machine Co., 955 Cleveland av, Columbus, O.
Connery Mach. & Tool Co., 56 Harrison av, Springfield, Mass.
Cummings Mach. Wks., 110 High, Boston, Mass.
Dayton Mach. Products Co., Dayton, O.
Dayton Reliance Tool & Mfg. Co., Dayton, O.
Detroit Tool Co., Detroit, Mich.
Dodge Tool Co., Grinnell, Ia.
Eclipse Machine & Tool Co., 7 Sherman, Charlestown, Mass.
Enterprise Tool Co., E 72d, Cleveland, O.
Essex Tool Wks., Newark, N. J.
Excelsior Tool & Gauge Co., Detroit, Mich.
Excel Mfg. Co., 7 Sherman, Charlestown, Mass.
Federal Adding Machine Corp., York & Grove, New Haven, Conn.
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Federal Tool Co., 2512 W Monroe, Chicago, Ill.
Fenn Mfg. Co., 385 Broad, Hartford, Conn.
FRANKLIN DIE & TOOL CO. (THE), Columbus, O.
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Freeman F. W. Co., 160 Portland, Boston, Mass.
Gamewell Co., Newton Nipper Falls, Mass
Gardam Wm. & Son, Inc., 114 Park pl, New York
Garrison Co., Inc., 183 John, Bridgeport, Conn.
Gem City Mach. Co., Dayton, O.
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Gooley & Edlund, Cortland, N. Y.
Grand Tool & Mach. Wks., 151 Grand, New York
Grant Mfg. & Mach. Co., Bridgeport, Conn.
Grayson Tool & Mfg. Co., Charleston, W. Va.
Grimes P. L., Milford, Conn.
Hahn Mfg. Co., 5332 Hamilton av, Cleveland, O.
Hall Gas & Engine Co., Inc., Garden bldg, Phila., Pa.
Hall Wm. C., Quincy, Mass.
Hanson Tool & Die Co., Detroit, Mich.
Harris H. E. Engineering Co., 1047 Broad, Bridgeport, Conn.
Hartford Special Machinery Co., Hartford, Conn.
Heartley Mach. Variety & Tool Wks., 960 Summit, Toledo, O.
Hentschel P. J. Mach. Co., 703 Hillen, Balto., Md.
Herron Mfg. Wks., Div. of the Bossick Co. (Bridgeport, Conn.), jig & fixtures, dies, gorges & special machy., Utica, N. Y.
Holmes Mfg. Co., Shelton, Conn.
Hudson Metal Mfg. Co., Jersey City, N. J.
Ideal Mach. & Tool Co., 128 Opera pl, Cincinnati, O.
Industrial Products Co., Irving av, Chicago, Ill.
Inland Machine Works, 800 Mound, St. Louis, Mo.
International Mach. Tool Co., 1111 Power av, Cleveland, O.
Johns Enging. Co., Power bldg, Superior Viaduct, Cleveland, O.
See adv index at end of book
Johns Mach. & Stamping Wks. Co., 1715 Leonard, Cleveland, O.
Keystone Mach. Co., 206 Commercial, Rochester, N. Y.
KNAPP ARTHUR ENGINEERING CORP, 30 Church, New York
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Krag Franz K., 564 W Rand, Chicago, Ill.
Krasberg Mfg. Co., 420 Orleans, Chicago, Ill.
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Lindstrom Die, Tool & Gauge Wks. (Inc.). (& Gauges), Bridgeport, Conn.
Loshbough-Jordan Tool & Machine Co., Elkhart, Ind.
McCullock A. P. Machine Co. (& Special Gauges), 216 High, Boston, Mass.
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Mackin Stephen, 33 N Forster, Worcester, Mass.
Manhattan Mach. & Tool Wks., Grand Rapids, Mich.
Marvin & Casler Co., Canastota, N. Y.
Maute & Sons J., Buffalo, N. Y.
Matthews Engng. Co., Sandusky, O.
Mailometer Co., 1093 Jefferson av, E, Detroit, Mich.
Maute J. & Sons, 23 Kane, Buffalo, New York
Mehl Mach. Tool & Die Co., Roselle, N. J.
Michigan Tool Co., Detroit Mich.
Middlesex Mach. Co., Inc., Middletown, Conn.
Milford Tool & Engineering Co. Milford, Conn.
Milwaukee Metal Working Co., 383 Clinton, Milwaukee, Wis.
Moback Tool & Machine Mfg. Co., 330 Atlantic, Boston.
Model Tool & Gauge Co., New Haven, Conn.
Moore & Co., 305 Grand, Chicago Ill.
Moore Eastwod Co., 116 E 4th, Dayton, O.
MODERN TOOL DIE & MACHINE CO., 216-220 N Fourth, Columbus, O.
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National Engineering & Tools Works, Oak Park, Ill.
Nelson Blower & Furnace Co., L & Elkins, Boston, Mass.
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Perry F. W. Mach. Co., Youngstown, O.
Precision Tool Co., Canton, O.
Providence Mfg. & Tool Co. 17 Warren, Providence, R. I.
Reliance Die & Stamping Co., 515 N La Salle, Chicago, Ill.
Reynolds Mach. Co., Massillon, O.
Rider-Bogg Co., Springfield, Mass.
Rochester Tool & Gauge Co., 203 State, Rochester, N. Y.
Rockford Metal Specialty Co., Rockford, Ill.
Root B. M. Co., York, Pa.
Rupp Mfg. Co., Inc., Hagerstown, Md.
Schroeder Bros. Mfg. Co., 111 Brook, Torrington, Conn.
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S-P Mfg. Co., 872 E 72d, Cleveland, O.
Sayler, H. M., 328 Washington, Newark, N. J.
Schoenert Carl & Sons, 633 S 20th, Newark, N. J.
Schroeder Bros. Mfg. Co., Torrington, Conn.
Scott-Fetzer Mach. Co., Cleveland, O.
Service Engineering Co., 25 Church, New York
Sheffield Machine & Tool Co., Dayton, O.
Siewek Bros. Co. 75 E Baltimore av, Detroit, Mich.
Signalite Mfg. Co., 522 S Clinton, Chicago, Ill.
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
Snead & Co., Iron Works, 98 Pine, Jersey City, N. J. *See adv index at end of book*
Springfield Tool Co., Springfield, Mass.
Steiner Bros., 322 N West, Lima, O.
Steel Products Engineering Co., Springfield, O.
Stein Wm. P. & Co., Rochester, N. Y.
Superior Die, Tool & Machine Co., Columbus, O.
Superior Fdy. Co., E 71st & W. & L. E. Ry., Cleveland, O.
Swedish Gage Co., Inc., 22 W 61st, New York
Taft-Pierce Mfg. Co., Woonsocket, R. I.
Taylor-Shantz Co., Rochester, N. Y.
Thomson Mach. Co., Canton, O.
Tucker Chas. E. Mfg. Co., York, Pa.
Ulmer Co. J. C., Cleveland, O.
Up-to-Date Tool Co., 60 K, S Boston, Mass.
See adv index at end of book
Urbana Tool & Die Co., Urbana, O.
Viking Tool & Mach. Co., 75 13th, B'klyn, N. Y.
Wade Walter H., 311 Atlantic av, Boston, Mass.
Wade Machine Co., 817 Albany, Boston, Mass.
Western Mach. Products Co., E 73rd & St. Clair, Cleveland, O.
Western Tool Co., High, Newark, N. J.
Whiting & Comstock, Hartford, Conn.
Wilcox Motor & Mfg. Co., Saginaw, Mich.
Willard Press & Tool Co., Cincinnati, O.
Willemin Mfg. Co., Inc., 181 Eddy, Providence, R. I.
Wilsch Mach. & Specialty Co., 217 Centre, New York
Windau Tool Co., 1318 Addison rd, Cleveland, O.
Wirth John D., New Haven, Conn.
Worcester Mach. Wks., Worcester, Mass.

Jim-Crows

See Benders, Rail

6822— *Joint Couplings

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book

6823— Jointers (Coopers')

White L. & I. J. Co., 120 Columbia, Buffalo. N. Y.

6824— Jointers (Masons')

Arrowsmith Concrete Tool Co. (Concrete Finishing), Arrowsmith, Ill.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Crescent Tool Mfg. Co. (Steel & Bronze), 1002 Cass av, St. Louis, Mo.
Stortz John & Son, 210 Vine, Phila., Pa.

6825— Jointers (Pipe)

See also Runners, Lead Joint

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Mueller H. Mfg. Co. (For Cast Iron Pipe), Decatur, Ill.
Watkins Thos., Johnstown, Pa.
Yonts C. H. & Co. (Asbestos Lead Pipe Joint Runner), Meadville. Pa.

6826— Jointers (Saw Tooth)

Disston Henry & Sons, Inc., Tacony, Phila., Pa.
Huther Bros. Saw Mfg. Co. (For Circular Saw), Rochester, N. Y.
See adv index at end of book
Karle & Sons (For Band or Circular Saws), 142 Chicago, Buffalo, N. Y.
Mixter J. W. Saw Tool Co. (Or Side File), Plymouth, Mass.

6827— Jointers (Shingle)

See also Shingle Mill Machinery

American Sawmill Machinery Co. (Rotary), Hackettstown, N. J.
Lyon Iron Works, Greene, N. Y.

6828—*Joints ("Evans" Alignment, Automobile)

MERCHANT & EVANS CO., 2035 Washington av, Phila., Pa.
See adv index at end of book

6829— Joints (Angle)

American District Steam Co. (45 to 90), No. Tonawanda, N. Y.

6830— Joints (Ball)

See also Joints, Flexible; also Joints, Universal

American District Steam Co., North Tonawanda, N. Y.
Barco Brass & Joint Co., 212 W Illinois, Chicago, Ill.
Boston Gear Works (Solid Ball, Hub Steel & Brass Universal Joint Couplings), Quincy, Mass.

Cincinnati Ball Crank Co., No. Oakley, Cincinnati, O.
Clow Jas. B. & Sons (Flexible), Franklin & Harrison, Chicago, Ill.
Franklin Railway Supply Co. ("Franklin," a Flexible Metallic Pipe Connection for Round Houses), 30 Church, New York
Iron Clad Joint Co., 400 Godchaux bldg, New Orleans, La.
Mechanical & Electrical Mfg. Co. (Adjustable & Non-Adjustable), 2227 Prairie av, Chicago, Ill.
Peninsular Milled Screw Co., Detroit, Mich.
Poole Engineering & Mach. Co., Woodberry sta, Baltimore, Md.
Sterling Blower Co. ("Sterling"), Hartford, Conn.
Walker Mfg. Co., Fenton, Mich.

6831—*Joints (Brass Swing)

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Mueller H. Mfg. Co. (Steam), Decatur, Ill.

6832— Joints (Cable)

Dossert & Co., 242 W 41st, New York
Fountain Jno. Jr., 510 Broome, New York
Matthews W. N. & Bro. ("Matthews," Splicing), 3722 Forest Park blvd, St. Louis, Mo.

6833—Joints (Carriage & Automobile Top Prop)

Blakeslee Forging Co., Plantsville, Conn.
Brewer Titchener Corp., Cortland, N. Y.
Cortland Forging Co. ("Ajax"), Cortland, N. Y.
Cowles C. & Co., New Haven, Conn.
Crandal, Stone & Co. Division, The Brewer-Titchener Corp. ("Pioneer" Top Joints), Binghamton, N. Y.
Owensboro Forging Co. (Steel), Owensboro, Ky.
Scherer H. & Co., Detroit, Mich.
Springfield Harness Co. (Extension), Springfield, Mass.

6833a— Joints (Copper)

Badger E. B. & Sons Co., 63-75 Pitts, Boston, Mass.

6834-5— Joints (Expansion)

Alberger Heater Co. ("Ross"), Buffalo, N. Y.
ALBERGER PUMP & CONDENSER CO. ("Wainwright"), 140 Cedar, New York
American District Steam Co. (Iron Body, for Underground or Inside Work), North Tonawanda, N. Y.
American Foundry & Construction Co., 2nd av & Longworth, Pittsburgh, Pa.
AMERICAN SPIRAL PIPE WORKS, Chicago, Ill. *See adv index at end of book*
Badger E. B. & Sons Co. (Corrugated Copper), 75 Pitts, Boston, Mass.
Barber Asphalt Paving Co. (Asphalt Compound), Land Title bldg, Phila., Pa.
Belfield H. Co. (Iron & Brass), 435 N Broad, Phila., Pa.
Bordo L. J. Co. Inc. ("Bordo" Swing Joints), 12th & Thompson, Phila., Pa.
Bridgman Bros. Co. ("Bridgman" Brass & Iron), 1426 Washington, Phila., Pa.
Buckeye Iron & Brass Works (Brass), Dayton, Ohio
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
Carey Philip Mfg. Co. ("Elastite"), 330 Wayne av, Lockland, Cincinnati, O.
Central Station Steam Co. (Packingless), 710 Woodbridge, Detroit, Mich.
Coldwell-Wilcox Co. ("Pearson" Balanced), Newburgh, N. Y.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Crane Co. (Iron Body Brass Mounted, also Brass), Bridgeport, Conn.
DAHLQUIST MFG. CO., 40 W 3d, So. Boston, Mass. *See adv index at end of book*
Draper Mfg. Co. ("Draper" Ball Union), Port Huron, Mich.
Durbin Co., 705 Market, St. Louis, Mo.
Gerstein Bros. & Cooper (Copper), 3 W 3d, South Boston, Mass.
GRISCOM-RUSSELL CO. (Copper for Exhaust & Live Steam), 92 West, New York *See adv index at end of book*
Harvey's A. Sons Mfg. Co., Detroit, Mich.
Haydenville Co., Haydenville, Mass.
Hoffmann B. Mfg. Co. (Brass & Iron Body), 257 6th, Milwaukee, Wis.
Illinois Engineering Co., 5021 S State, Chicago, Ill.
Imperial Iron Works (Light & Extra Heavy), Duluth, Minn.
Iron-Clad Joint Co., 400 Godchaux bldg, New Orleans, La.
Kaltenhaler H. J. (Iron Body), 234 Cherry, Phila., Pa.
Kellogg M. W. Co. (Pipe), 90 West, New York. *See adv index at end of book*
Kelly & Jones Co ("Simplex," "K. & J."), 135 Water, Pittsburgh, Pa.
Konold M. J. Co. (Copper), Bessemer bldg., Pittsburgh, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McCarthy Felix, Pottstown, Pa.
McNab & Harlin Mfg. Co., 55 John, New York
New York Brass Foundry Co. ("Stillbech"), 104 Centre, New York
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
P.-K. Engineers ("P.-K."), Syndicate Trust bldg., St. Louis, Mo.
Pearce W. H. & Co. ("Crescent"), 333 S Dearborn, Chicago, Ill.
Pioneer Asphalt Co. ("Pioneer"), Lawrenceville, Ill.
Pittsburgh Piping & Equipment Co., 35th & Charlotte, Pittsburgh, Pa
Pittsburgh Valve, Foundry & Construction Co. (Balanced & Unbalanced), 26th & A V R. R., Pittsburgh, Pa.
Powell Wm. Co., Cincinnati, O.
Queen City Brass & Iron Works (Brass, etc), Cincinnati, O.
Standard Spiral Pipe Works, 48th & Rockwell, Chicago, Ill.
Thompson J. & Co., Van Horn & Sophia, Phila., Pa.
Tyler Underground Heating System, 815 S Canal, Pittsburgh, Pa.
Underwood H. B. & Co., 1025 Hamilton, Phila., Pa.
U. S. Cast Iron Pipe & Foundry Co., Burlington, N. J.
Walworth Mfg. Co., Boston, Mass.
Waring-Underwood Co. ("Ideal"), Commercial Trust bldg, Phila., Pa.
Wheeler C. H. Mfg. Co., Lehigh av & 18th, Phila., Pa.
Williams D. T. Valve Co., Cincinnati, O.

6836—Joints (Fixture Insulating)

Federal Sign System (Electric), 640 W Lake, Chicago, Ill.
Johns-Pratt Co. ("Moulded Mica"), Hartford, Conn.
McDowell E. O., 30 Church, New York
Macallen Co., 16 Macallen, South Boston, Mass.
Milwaukee Gas & Elec. Fixture Co., 1910 Fond du Lac, Wis.
Mitchell Vance Co. ("Robb" Fixture), 507 W 24th, New York
Trumbull Electric Mfg. Co. ("Jaynes"), Plainville, Conn.

6837— Joints (Flexible)

AMERICAN SPIRAL PIPE WORKS, Chicago, Ill. *See adv index at end of book*
Barco Brass & Joint Co. ("Martin's," "Holland," "Barco," for Air, Gas, Liquid & Steam), 212 W Illinois, Chicago, Ill.
Clow Jas. B. & Sons (Ball Joints), Franklin & Harrison, Chicago, Ill.
Coldwell-Wilcox Co., Newburgh, N. Y.
Crane Co. (Est. 1855) ("Walker"), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Douds Frank C. & Co. ("Douds," for Pipe), New Castle, Pa.
Draper Mfg. Co. ("Draper" Ball Union) Port Huron, Mich.
Drummond M. J. & Co., (Pipe), 51 Chambers, New York
Falcon Joseph G., Evanston, Ill.
Greenlaw Mfg. Co. ("Greenlaw"), 141 Milk, Boston, Mass.
Iron-Clad Joint Co., 400 Godchaux bldg, New Orleans, La.
Moran Flexible Steam Joint Co. (For Steam, Air or Liquid, all Metal), Louisville, Ky.
Pittsburgh Valve, Fdry. & Constr. Co. ("Moran"), 26th & A. V. R. R., Pittsburgh, Pa.
Standard Spiral Pipe Works, 48th & Rockwell, Chicago, Ill.
Universal Swing Joint & Machine Co. (Swing), Louisville, Ky.
Venango Mfg. Co. (Locomotive), Franklin, Pa.
Walker Mfg. Co. (Pipe or Ball Joints), Fenton, Mich.
Wood R. D. & Co. (Pipe), 400 Chestnut, Phila., Pa.

6838—Joints (Insulating, Rail)

Atlas Railway Supply Co., 431 S Dearborn, Chicago, Ill.
Industrial Supply & Equipment Co. ("Manhattan"), 407 Sansom, Phila., Pa.
Johns Pratt Co. ("Moulded Mica"), Hartford, Conn.
Q. & C. Co. ("Q. & C.," "O'Brien"), 90 West, New York
Rail Joint Co., 61 B'way, New York
Railroad Supply Co., 203 S Dearborn, Chicago, Ill.
Whall C. H. Co. ("Whall's," Fibre), 170 Summer, Boston, Mass.

6839— Joints (Ladder)

Auer John Jr. (Wrought Steel), 197 Middleton, Brooklyn, N. Y.
Brewer Bros. Co. (Wrought), 614 Filbert, Phila., Pa.
STANLEY WORKS (Wrought Steel), New Britain, Conn.
See adv index at end of book

6840—Joints (Lap, Recessed)

Mitchell W. K. & Co., 2940 Ellsworth, Phila., Pa.

6841— Joints (Pipe)

Central Foundry Co. ("Universal"), 90 West, New York
Durbin Co., The, 306 Pontiac bldg, St. Louis, Mo.
Estabrook's R. Sons, 202 1st, Boston, Mass.
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Pittsburgh Valve, Foundry & Construction Co. ("Atwood"), 26th & A V R. R., Pittsburgh, Pa.

Joints (Rail)

See Rail Joints

6842— Joints (Rail Step)

Atlas Railway Supply Co. ("Atlas"), 431 S Dearborn, Chicago, Ill.
Elyria Iron & Steel Co., Cleveland, O.
Industrial Supply & Equipment Co. ("Manhattan"), 407 Sansom, Phila., Pa.
Q. & C. Co. ("Bonzano," "Q. & C.," "Compromise"), 90 West, New York
Wharton Wm. Jr. & Co., Inc., Easton, Pa.

Joints (Splice)

See Braces, Rail

6843— Joints (Strap)

Leard Wm. E., New Brighton, Pa.

6844— Joints (Stump)

Baldwin E. N. (For Carriage Tops), Shelton, Conn.
Cowles C. & Co. ("Elm City"), New Haven, Conn.
Union Forging Co., Union, N. Y.

6845— Joints (Sucker Rod)

American Well Works, Aurora, Ill.
See adv index at end of book
Cook August D. (Wrought Iron), Lawrenceburg, Ind.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.

6846— Joints (Swing)

Aterite M. H. Co., Inc. (Acid), 55 John, New York
Barco Brass & Joint Co., 212 W Illinois, Chicago, Ill.
Bordo L. J. Co. ("Bordo" Locomotive), 12th & Thompson, Phila., Pa.
Central Foundry Co. ("Universal"), 90 West, New York
Crane Co. (Brass, Steam, etc), Bridgeport, Conn.
Durbin Co., 705 Market, St. Louis, Mo.
Haydenville Co. (Brass), Haydenville, Mass.
Hills-McCanna Co., 153 W Kinzie, Chicago, Ill.
Hoffmann B. Mfg. Co. ("B. H. Mfg. Co.," Universal), 257 6th, Milwaukee, Wis.
Jarecki Mfg. Co., Erie, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McDonald A. Y. Mfg. Co., Dubuque, Ia.
McNab & Harlin Mfg. Co., 55 John, New York
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co. (Brass), 26th & A. V. R. R., Pittsburgh, Pa.
Powell Wm. Co., Cincinnati, O.
Universal Swing Joint & Machine Co., Louisville, Ky.

6847— *Joints (Swivel)

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Universal Valve Co., Burlington, Wis.

6847a—Joints (Telescopic Pipe)

Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book

6848— Joints (Universal)

Acme Universal Joint Mfg. Co., Kalamazoo, Mich.
AINSLIE MACHINE & TOOL WORKS ("Vanderbeek Giant & Vanderbeek Ball"), 135 Jefferson av, Hartford, Conn. *See adv index at end of book*
Arvac Mfg. Co., Anderson, Ind.
Baush Machine Tool Co. ("Bocorselski"), Springfield, Mass.
Bearings Company of America ("Sterling"), Lancaster, Pa.
Blair F. R. & Co., Inc., 50 Church, New York
Blood Bros. Machine Co. (For Automobiles, etc), Allegan, Mich.
Central Foundry Co. ("Universal"), 90 West, New York
Boston Gear Works (Bronze), Quincy, Mass.
Bradford Supply Co., Warren, Pa.
Brown A. & F. Co., 79 Barclay, New York
Central Foundry Co. ("Universal"), 90 West, New York
Durbin Co., 705 Market St. Louis, Mo.
GEM MFG. CO. ("Gem" & "G. P."), Goebel, nr Fulton, N S, Pittsburgh, Pa. *See adv index at end of book*
Gray & Prior Machine Co., Hartford, Conn.
Hartford Auto Parts Co., Hartford, Conn.
Hoffmann B. Mfg. Co. ("B. H. Mfg. Co."), 257 6th, Milwaukee, Wis.
Kinsler-Bennett Co. (Pin), Hartford, Conn.
MERCHANT & EVANS CO. ("Evans"), 2035 Washington av, Phila., Pa.
See adv index at end of book
Michigan Wheel Co., Grand Rapids, Mich.
Mutual Mach. Co., Hartford, Conn.
Peters Mach. & Mfg. Co., 7320 Madison av, Cleveland, O.
Plank Flexible Shaft Machine Co., Grand Rapids, Mich.
Reilly Steam Pump Works, Louisville, Ky.
Spicer Mfg. Co. ("Spicer" for Automobiles, etc), South Plainfield, N. J.
Stow Mfg. Co., Binghamton, N. Y.
Thermoid Rubber Co., Trenton, N. J.
Universal Machine Co. (Roller-Bearing), Bowling Green, O.
Walker Mfg. Co., Fenton, Mich.
Walworth Mfg. Co., Boston, Mass.
Westinghouse Automatic Air & Steam Coupler Co. (Flexible Metallic Swivel & Universal), Security bldg, St. Louis, Mo.

Joints (Vehicle Top Prop)

See Joints, Carriage & Automobile Top, Prop

6849—Joist Anchor & Timber Caps

See also Hangers, Joist

American 3-Way Prism Co. (Anchors), La Porte, Ind.
Champion Iron Co., Kenton, O.
Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
Church Appliance Mfg. Co. ("Boss" Joint Anchor), La Salle, Ill.
Donley Brothers Co. (The), ("D. B." Joist Anchor), 3625 E 74th, Cleveland, O.
See adv index at end of book
Duplex Hanger Co., E 53d & Lakeside av, Cleveland, O.
Goetz Box Anchor Co., New Albany, Ind.
Huntington Iron Works, Huntington, W. Va.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
O'Leary Arthur J. & Son Co. (Forged Steel), 65th & So 57th av, Chicago, Ill.
Prouty C. & Co., Eldred, Pa.
Republic Structural Iron Wks. Co., 1350 E 53d, Cleveland, O.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.

6850— Journals (Car)

American Safety Lamp & Mine Supply Co., Scranton, Pa.
Hess-Bright Mfg. Co. ("H.B.-D. W. F." Ball Bearing), Front & Erie, Phila., Pa.

6851—*Journals (Vulcanized Fibre)

See also Fibre, Hard

DELAWARE HARD FIBRE CO., Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*

6852-3— Kainit

Armour Fertilizer Works, U. S. Yards, Chicago, Ill.
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Buffalo Fertilizer Works, Marine Bk bldg, Buffalo, New York.
German Kali Works (Importer), 42 B'way, New York
Grasselli Chemical Co. (Importers), Guardian bldg, Cleveland, O.
New Orleans Acid & Fertilizer Co. (Importers), Gretna, La.
Nitrate Agencies Co. (Imp.), 102 Pearl, New York
Swift & Co., Union Stock Yards, Chicago, Ill.
Thomas W. W. & Co. (Importers), 15 Whitehall, New York
Tupelo Fertilizer Factory (Imported), Tupelo, Miss.

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See Doors & Windows, Kalameined

6854— Kalsomine Mfrs.

See also Paints, Cold Water

Adams & Elting Co. ("Hygienic"), 726 Washington blvd, Chicago, Ill.
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HERCULES POWDER CO., Wilmington, Del. *See adv index at end of book*

Kauri Gum Importers

See Varnish Gums

6856a— *Kegs (Money)

Estes E. B. & Sons (Turned Wood), 364 5th av, New York
See adv index at end of book

6857— Kegs (Steel)

Acme Stamping Co. (Powder, etc), Shamokin, Pa.
AMERICAN CAN CO. (White Lead), 120 Broadway, New York
See adv index at end of book
Peoria Can Co. (For Powder, etc), Peoria, Ill.
Pittsburgh Can Co. (White Lead Paint, etc), 61 Bridge, Pittsburgh, Pa.
Pressed Steel Products Co. (For Shipping Grease, Nails, Rivets, etc), Sharon, Pa.

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Kraft, A. C., 323 W Lake, Chicago, Ill.
Lyon Metallic Mfg. Co. ("Lyon"), Aurora, Ill.
OHIO MFG. CO., P. O. Box 358, Painesville, O. *See adv index at end of book*

6858a—Kegs (Tack, Miniature)

Estes E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*

6858b—Kegs (Turned Wood)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

6859— Kegs (Wooden)

Albrecht Fred'k, Pratt & Smallwood, Baltimore, Md.
American Stave & Cooperage Co., Chelsea, Mass.
American Wooden Ware Mfg. Co. (Quartered White Oak Liquor, Cider, Pickle, etc), Toledo, O. Works: Leakey, Tex.
Baltimore Cooperage Co., The (Brewers', etc.; also Barrels), c Hanover & Creek, Baltimore, Md.
Bell Edwin Co. (Nail, Spike, Horseshoe, Nut, etc), S 17th, Pittsburgh, Pa.
Bridge's A. D. Sons (Powder), Hazardville, Conn.
Estes E. B. & Sons (Miniature), 364 5th av, New York.
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Greif Bros. Cooperage Co. (For Nails, Bolts, Nuts, Rivets, Screws, Horse Shoes, etc), 1937 Willey av, Cleveland, O.
Impervious Package Co. (Nail, etc), Keene, N. H.
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Kimball, Tyler Co., 261 S 8th, Baltimore, Md.
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McKeever Barrel & Keg Co., 911 Penna, Pittsburgh, Pa.
Mangold Stave & Cooperage Co. (Beer Barrels, Hogsheads, Tanks, etc), Weber rd & Grand av, St. Louis, Mo.
Peirce W. E. & Co., Milford, N. H.
Pestel Cooperage Co. (Beer Barrels, Casks, Tanks, etc), 2828 Bismarck, Richmond, Va.
Richmond Cedar Works (Oak & White Wood, Plain or Varnished), Fulton, Richmond, Va.
Rochester Cooperage Co. (Beer & Ale), Rochester, N. Y.
Schwarzwalder J. & Sons (Beer & Ale), Hoboken, N. J.
Sengel Philip & Son (Beer Barrels, Casks, Tanks, etc), Louisville, Ky.
Stecher Cooperage Works (Beer Barrels, etc), 3d & Barton, St. Louis, Mo.
Stolper Chas. Cooperage Co. (Beer Barrels, etc), 3206 Fond du Lac av, Milwaukee, Wis.
Struthers Cooperage Co. (Nail), Struthers, O.
Union Cooperage Co. ("Handy"), 2d & Penrose, St. Louis, Mo.
Walsh Mfg. Co., 72 S 9th, Pittsburgh, Pa.
Western Cooperage Co. (All Kinds of Barrels & Kegs), Northwestern Bank bldg, Portland, Ore.

6860— Kettles (Acid)

American Welding Co. (Chemical, Boiling, etc), Carbondale, Pa.
Badger E. B. & Sons Co., 75 Pitts, Boston, Mass.
Devine J. P. Co., Buffalo, N. Y.
Duriron Castings Co., Dayton, O.
Manitowoc Engineering Works, Manitowoc, Wis.
Stuart & Peterson Co. (Iron), Burlington, N. J.

Kettles (Aniline)

See Kettles, Size

6861—Kettles (Apple Butter)

Bucyrus Copper Kettle Works, Bucyrus, Ohio
DAHLQUIST MFG. CO. (Copper), 40 W 3rd, So. Boston, Mass.
See adv index at end of book
Picking D. & Co., Bucyrus, O.
Schaum John G., Lancaster, Pa.

6861a— Kettles (Asphalt)

See also Kettles, Tar; also Heaters, Asphalt, Pitch & Tar

Camden Boiler Wks. Inc. (& Oil Burning), Delaware River & 26th, Camden, N. J.

6862— *Kettles (Brass)

AMERICAN BRASS CO., Waterbury, Conn.
See adv index & branch offices at end of book

6863— Kettles (Brazing)

Bridgeport Crucible Co. (Graphite), Bridgeport, Conn.

6864— Kettles (Brew)

Hoffman-Ahlers Co., 828 E Pearl, Cincinnati, O.
Kast Copper & Sheet Iron Co., 91 Main, Buffalo, N. Y.
Northwestern Copper & Brass Works, 59 W 3d, St. Paul, Minn.
Rach Dr. Carl, 203 B'way, New York
Selg Brewery Apparatus Co., 1320 N 5th, Phila., Pa.

6865— Kettles (Calcining)

Ehrsam J. B. & Sons Mfg. Co., Enterprise, Kans.

6866— Kettles (Caldron)

Brecht Co. (For Packers, etc), 1201 Cass av, St. Louis, Mo.
Buch's A. Sons Co., Elizabethtown, Pa.
Cheney S. & Son, Manlius, N. Y.
Creamery Package Mfg. Co., 61 W Kinzie, Chicago, Ill.
Donaldson Bros., Mt. Clemens, Mich.
Eddy W. Plow Co., Greenwich, N. Y.
Gehl Bros. Mfg. Co., West Bend, Wis.
Giblin & Co., Utica, N. Y.
Gowanda Agricultural Works, Gowanda, N. Y.
Greenville Implement Co., Greenville, Mich.
Heesen Bros. Co., Tecumseh, Mich.
Heller Aller Co., Napoleon, O.
Lehr Agricultural Co., Fremont, O.
Lyon Iron Works, Greene, N. Y.
Moore Plow & Implement Co., Greenville, Mich.
Mott J. L. Iron Works, Trenton, N. J.
Sowers Mfg. Co., 1320 Niagara, Buffalo, N. Y.
Sperry D. R. & Co., Batavia, Ill.
Standard Tank Co., 15 Park Row, New York
Swift Mfg. Co., Waterloo, Ia.
Vulcan Copper Works, 120 Sycamore, Cincinnati, O.

Kettles (Canning Factory)

See Kettles, Process

6867— Kettles (Cast Iron)

Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
Columbus Iron Works, Columbus, Ga.
Devine J. P. Co., Buffalo, N. Y.
Golden's Foundry & Machine Co., Columbus, Ga.
Kilpatrick A. & Sons Fdry. Co., Carrie & Bulver av, St. Louis, Mo.
Phillips & Buttorff Mfg. Co., Nashville, Tenn.
Sowers Mfg. Co., 1320 Niagara, Buffalo, N. Y.
Standard Tank Co., 15 Park Row, New York
Townsend Foundry & Machine Shop Co., B'way & Rensselaer, Albany, N. Y.
See adv index at end of book
United States Cast Iron Pipe & Foundry Co., Burlington, N. J.

6868—Kettles (Caustic Soda)

BUFFALO FOUNDRY & MACHINE CO. (& Potash), 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*
Devine J. P. Co., Buffalo, N. Y.
Manitowoc Engineering Works, Manitowoc, Wis.
Marshall Foundry Co., Pittsburgh, Pa.

6869— Kettles (Conveying)

Stuart & Peterson Co., Burlington, N. J.

6869a— Kettles (Copper)

Badger E. B. & Sons Co., 63-75 Pitts, Boston, Mass.

6870— Kettles (Dross)

Wilfong Millard F., Iron Works Co., 5199 Gray's av, Phila., Pa.

6871— Kettles (Dyers')

Badger E. B. & Sons Co., 75 Pitts, Boston, Mass.
DAHLQUIST MFG. CO. (Copper), 40 W 3rd, South Boston, Mass.
See adv index at end of book
Manitowoc Engineering Works, Manitowoc, Wis.

6872—Kettles (Fullers Earth Treating)

Allbright-Nell Co., 5223 Western blvd, Chicago, Ill.

6872a— *Kettles (Fusion)

Buffalo Foundry & Machine Co. (Caustic & Phenol), 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*

6873— Kettles (Galvanizing)

American Bridge Co., 30 Church, New York
American Welding Co. (Welded), Carbondale, Pa.
Blaw-Knox Co., Farmers' Bank bldg, Pittsburgh, Pa.
Columbiana Boiler Co. (Riveted & Welded), Columbiana, O.
Garwood Bronze & Iron Works, Garwood, N. J.
Heggie James G. & Sons, Joliet, Ill.
McAleenan Bros. Co., 25th & A. V. R. R., Pittsburgh, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Meehan Boiler & Construction Co., Lowellville, O.
Munroe R. & Sons Mfg. Corp., 23rd & Smallman, Pittsburgh, Pa.
National Wrought Iron Annealing Box Co., Washington, Pa.
O'Brien John Boiler Works Co., 11th & Mullanphy, St. Louis, Mo.
Parker Charles Co., Meriden, Conn.
Petroleum Iron Works Co., Sharon, Pa.
Pittsburgh Annealing Box Co., 829 Beaver, N S, Pittsburgh, Pa.
Pollock Wm. B. Co., Youngstown, O.
Standard Boiler & Plate Iron Co., Niles, O.
TREADWELL CONSTRUCTION CO. (Riveted), Midland, Pa.
See adv index at end of book
Warren City Tank & Boiler Co., Warren, Ohio
Wilfong Millard F. Iron Works Co., 5199 Gray's av, Phila., Pa.

6874— Kettles (Maslin)

Indiana Hollow Ware Co., Jeffersonville, Ind.

6875— Kettles (Melting)

Standard Tank Co., 15 Park Row, New York

6875a— Kettles (Nitrating)

Bethlehem Foundry & Machine Co., South Bethlehem, Pa.
Devine J. P. Co., Buffalo, N. Y.
Moore Samuel L. & Sons Corp., Elizabeth, N. J.

6876—Kettles (Paint & Varnish)

Aluminum Co. of Am. (Aluminum), Oliver bldg, Pittsburgh, Pa.
See adv index at end of book
American Welding Co., Carbondale, Pa.
Frelinger J. G. Iron Works (Steel & Copper), 115 W 2nd, Cincinnati, O.
Heggie James G. & Sons, Joliet, Ill.
Leetonia Boiler Co., Leetonia, O.
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Marshall Foundry Co., Pittsburgh, Pa.
Bowers Mfg. Co., 1320 Niagara, Buffalo, N. Y.

6877— Kettles (Process)

Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Renneburg E. & Sons Co., 2639 Boston, Baltimore, Md.
Sprague Foundry & Mfg. Co. (For Canning Factories), Council Bluffs, Ia.
Zastrow Geo. W., 1410 Thames, Baltimore, Md.

6878— Kettles (Size)

Cohoes Iron Foundry & Machine Co., Cohoes, N. Y.
Devine J. P. Co., Buffalo, N. Y.
Franklin Machine Co., 189 Charles, Providence, R. I.
Saco-Lowell Shops, Boston, Mass.
Townsend Foundry & Machine Shop Co. (Aniline), Broadway & Rensselaer, Albany, N. Y.
See adv index at end of book

6879— Kettles (Smelting)

Vulcan Iron Works, 327 N Irving av, Chicago, Ill.
Wilfong Millard F. Iron Works Co., 5199 Gray's av, Phila., Pa.

6880— Kettles (Soap)

Cambridge Iron Works, Cambridge, Mass.
Chicago Bridge & Iron Wks., 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book
Devine J. P. Co., Buffalo, N. Y.
Littleford Bros., 444 E. Pearl, Cincinnati, O.
Sowers Mfg. Co., 1320 Niagara, Buffalo, N. Y.
Sperry D. R. & Co. (Farmers' Soap Boiling), Batavia, Ill.

6881—Kettles (Soda, Tool Cleaning)

Brown & Sharpe Mfg. Co., Providence, R. I.
Gray & Prior Machine Co. (Soda & Potash), Hartford, Conn.
Koven L. O. & Bros., 154 Ogden av, Jersey City, N. J. *See adv index at end of boo*
Manufacturing, Equipment & Engineering Co., 136 Federal, Boston, Mass.
Mather & Waechter (Soda & Potash), 105th & Quebec av, Cleveland, O.
Northwestern Copper & Brass Works, 59 W 3d, St. Paul, Minn.

6882— Kettles (Spelter)

American Bridge Co., 30 Church, New York
Bridgeport Crucible Co. (Graphite), Bridgeport, Conn.
Standard Tank Co., 15 Park row, New York

6883—Kettles (Steam Jacketed)

Allentown Boiler Works, Allentown, Pa.
Aluminum Co. of America (Aluminum), Oliver bldg, Pittsburgh, Pa.
See adv index at end of book
American Copper & Brass Works, Cincinnati, O.
American Welding Co., Carbondale, Pa.
Badger E. B. Sons Co., 75 Pitts, Boston, Mass.
Baeuerle & Morris (Copper, Tin or Lead Lined), 932 N Front, Phila., Pa.
Baker G. W. Machine Co. (And Mixers for Tanners & Curriers), 218 French. Wilmington, Del.
Blymer Iron Works Co., Cincinnati, O.
Boston Copper Works Co., E Boston, Mass.
Braman, Dow Co., 239 Causeway, Boston, Mass.
Brecht Co. (For Packers & Lard Renderers), 1201 Cass av, St. Louis, Mo.
Brewer Wm. W., Troy, N. Y.
Buckeye Boiler Co., Dayton, O.
Bucyrus Copper Kettle Works, Bucyrus, O.
Clark Engine & Boiler Co., Kalamazoo, Mich.
Connery & Co., 2d & Luzerne, Phila., Pa.
DAHLQUIST MFG. CO. (Copper), 40 W 3d, So. Boston, Mass.
See adv index at end of book
Day J. H. Co., Cincinnati, O.
Devine J. P. Co., Buffalo, N. Y.
Dover Boiler Works (For All Purposes), Sales Office: 50 Church, New York; Works: Dover, N. J.
See adv index at end of book
Duparquet, Huot & Moneuse Co., 110 W 22d, New York
Durison Castings Co. (Acid Proof), Dayton, O.
ELYRIA ENAMELED PRODUCTS CO., 50 to 800 Gallons), Elyria, O.
See adv index at end of book
Freeman Mfg. Co., Dept. O., Racine, Wis.
French Oil Mill Machinery Co. (For Cottonseed & Linseed Oil Mills, etc), Piqua, O.
Gerstein Bros. & Cooper, 3 W 3d, South Boston, Mass.
Gibson Iron Works Co., 168 1st, Jersey City, N. J.
Graver Wm. Tank Works (For Lard, Soap, Refining, etc). East Chicago, Ind.
Hand Edw. L. & Co. ("Elhanco"), 722 Arch, Phila., Pa.
Harris Arthur & Co., 212 N Curtis, Chicago, Ill.
Heggie James G. & Sons, Joliet, Ill.
Holmberg Chas. & Co. (Copper), 1439 Austin av, Chicago, Ill.
Hubbert B. H., 202 S 4th, Baltimore, Md.
Hutchinson Bros., 5 S Howard, Baltimore, Md.
Illinois Pure Aluminum Co. (Aluminum), Lemont, Ill.
Kelso & Co., 559 W Quincy, Chicago, Ill.

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DAHLQUIST MFG. CO., 40 West Third St., South Boston, Mass.

KOVEN L. O. & BRO., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Langsenkamp F. H., Indianapolis, Ind.
Littleford Bros., 444 E Pearl, Cincinnati, O.
Lummus Walter E. Co., 173 Milk, Boston, Mass.
Manitowoc Engineering Works, Manitowoc, Wis.
Maryland Mfg. Co., 521 Baker, Baltimore, Md.
Mott J. L. Iron Works, Trenton, N. J.
Motter's Geo. F. Sons, York, Pa.
Munroe R. & Sons Mfg. Corp., 23d & Smallman, Pittsburgh, Pa.
Murray Iron Works Co., Burlington, Ia.
NASON MFG. CO. (Jobbers), 71 Fulton, New York. *See adv index at end of book*
National Boiler & Sheet Iron Works, Indianapolis, Ind.
Novelty Steam Boiler Works (Triplett & Jennings, Prop's), 917 S Howard, Baltimore, Md
Oat Jos. & Sons, 232 Quarry, Phila, Pa.
Petty J. K. & Co., Stephen Girard bldg, Phila., Pa.
Renneburg E. & Sons Co., 2639 Boston, Baltimore, Md.
Rider-Bagg Co., Springfield, Mass.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
Savage Bros. Co. (Candy Makers), 321 W Austin, Chicago, Ill.
Scannell Boiler Works, Lowell, Mass.
Seibel-Suessdorf Copper & Iron Mfg. Co., 2d & Lombard, St. Louis, Mo.
Sexton S. B. Stove & Mfg. Co. (Cast Iron), 500 Block W Conway, Baltimore, Md.
Smith's Jno. E. Sons Co. (For Tanners), Buffalo, N. Y.
Sowers Mfg. Co. (Seamless), 1320 Niagara, Buffalo, N. Y.
Sperry D. R. & Co., Batavia, Ill.
Sprague Canning Machinery Co. (For Canners), 222 N Wabash av, Chicago, Ill.
Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.
Stuart & Peterson Co., Burlington, N. J.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Turner Tanning Machinery Co. ("Turner"), Peabody, Mass.
Vulcan Copper Works, 120 Sycamore, Cincinnati, O.
Walworth Mfg. Co., Boston, Mass.
Wilson Steam Boiler Co., Omaha, Neb.
Young Bros. Co. (Copper), Detroit. Mich.

6884— Kettles (Sugar)

Birmingham Stove & Range Co. (Cast Iron), Birmingham, Ala.
Blymyer Iron Works Co., Cincinnati, O.
Chattanooga Plow Co., Chattanooga, Tenn.
Columbus Iron Works (Syrup Only), Columbus, Ga.
Devine J. P. Co., Buffalo, N. Y.
Glascock Stove & Mfg. Co. (Cast Iron), Greensboro, N. C.
Gray & Dudley Hardware Co., Nashville, Tenn.
Indiana Hollow Ware Co., Jeffersonville, Ind.
Kehoe Iron Works, Savannah, Ga.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Mountain City Stove & Mfg. Co., Chattanooga, Tenn.
Over Ewald, Indianapolis, Ind.
Phillips & Buttorff Mfg. Co., Nashville, Tenn.
Southern Plow Co. (Cast Iron), Columbus, Ga.
Sperry D. R. & Co. (Sugar or Wash), Batavia, Ill.
Turl Iron & Car Co., Inc., The, 50 Broad, New York Works: Newburgh, N. Y.

6885— Kettles (Tar)

Barber Asphalt Paving Co. ("Iroquois" Asphalt Kettles 50 to 400 Gals.), Land Title bldg, Phila., Pa.
Central Boiler Works, 3rd & Congress, Detroit, Mich.
Connery & Co., 2d & Luzerne, Phila., Pa.
DOVER BOILER WORKS, Sales Office, 50 Church, New York.
See adv index at end of book
Evans F. H., Est. of, 31 Hewes, Brooklyn, N. Y.
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J. *See adv index at end of book*
Hibbs E. A., Quarry & Bread, Phila., Pa.
Honhorst Joseph Co., 1016 W 6th, Cincinnati, O.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Leetonia Oil Co., Leetonia, O.
Leslie, Elliott & Co., Paterson, N. J.
Littleford Bros., 444 E Pearl, Cincinnati, O.
MAC LEOD CO., 2227 Bogen, Cincinnati, O.
See adv index at end of book
National Boiler & Sheet Iron Works, Indianapolis, Ind.
Pioneer Iron Works, 149 Pioneer, B'klyn, N. Y.
Riter-Conley Co., Pittsburgh, Pa.
Russell Daniel Boiler Works, 93 Boston, Boston, Mass.
Smith Samuel & Son Co., Paterson, N. J.
Sperry D. R. & Co., Batavia, Ill.
Stafford Wright & Son, Lawrence, Mass.
Stuebner G. L. Iron Works, Queensboro Terminal, L. I. City, N. Y.
See adv index at end of book
Tidewater Iron Works, Hoboken, N. J.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Union Iron Works, Hoboken, N. J.
Wilson Steam Boiler Co., Omaha, Neb.

6885a— Kettles (Tea, Etc.)

See Aluminum Ware Mfrs.; also Copper Ware, Stamped, etc.; also Enameled Ware Mfrs.; also Tinware Mfrs.; also Hollow Ware, Stove

6886— Kettles (Thawing)

HERCULES POWDER CO. ("Hercules"), Wilmington, Del.
See adv index at end of book

6887— Kettles (Tilting)

Devine J. P. Co., Buffalo, N. Y.
Seibel-Suessdorf Copper & Iron Mfg. Co., 2d & Lombard, St. Louis, Mo.
Stuart & Peterson Co. (Iron), Burlington, N. J.

Kettles (Tinning)

See Kettles Galvanizing

Kettles (Varnish)

See Kettles, Paint & Varnish

6888—Key Plates (Porcelain)

Sargent & Co. (Also Metal), New Haven, Conn.
Union Porcelain Works, 300 Eckford, Brooklyn, N. Y.

Keyridge

See Iron, Cellular, for Fireproofing

6889—Keys (Auto Gas Tank)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book

Key-Seaters

See Machines, Key-Seating; also Tools, Key-Seating

6890— Keys (Brake Shoe)

American Brake Shoe & Foundry Co., Mahwah, N. J.
Beall Bros. (Inc.), Alton, Ill.
Cleveland City Forge & Iron Co., Cleveland, O.
Etna Forge & Bolt Co., 808 House bldg, Pittsburgh, Pa.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pittsburg Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Steel Car Forge Co. (Iron or Steel for Christie Heads), Pittsburgh, Pa.
Valley Forging Co., Verona, Pa.
Western Tool & Forge Co., Brackenridge, Pa.

6891—Keys (Flat Spring & Riveted)

See also Cotters, Spring, Etc.

Bettcher Mfg. Co. (Flat Riveted), 6120 Clark av, S W, Cleveland, O.
Brooks M. S. & Sons (Flat Steel Spring or Riveted), Chester, Conn.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Henry & Allen (Flat Riveted, Drop Forged), Auburn, N. Y.
Hindley Mfg. Co. ("Columbia" Flat & Flat Spring Steel), Valley Falls, R. I.
Jencks E. Mfg. Co. (Flat Spring Only), Worcester, Mass.
Morgan Spring Co. (Flat Spring), Worcester, Mass. *See adv index at end of book*
National Screw & Tack Co. (Flat Steel Spring or Riveted), Cleveland, O.
Ohio Wire Goods Co., Akron, O.
Pickering R. S. (Steel Flat Spring & Riveted), Sharon Hill, Pa.
Whitman & Barnes Mfg. Co. (Brass, Steel & Copper), Akron, O.
See adv index at end of book
Wire Goods Co. (Iron Flat Spring), Worcester, Mass.

6892— Keys (Machine)

Hall Mfg. Co. (Finished), Harrison, N. J
Henry & Allen (Forged), Auburn, N. Y.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Latshaw Steel & Metal Products Corp., 220 B'way, New York
See adv index at end of book
Leard Wm. E., New Brighton, Pa.
McRae & Roberts Co., 227 Campbell av, Midland, Pa. *See adv index at end of book*
Meyer & Co. (Gib Head), Throopsville, N. Y.
Molthrup Steel Products Co., Beaver Falls, Pa.
Morton Mfg. Co. (Finished Ready to Drive), Muskegon Heights, Mich.
Pennsylvania Shafting Co. (Finished) Spring City, Pa.
Standard Gauge Steel Co. (Finished Steel), Beaver Falls, Pa.
Whitney Mfg. Co. (For the Woodruff System of Keying), Hartford, Conn.
Williams J. H. & Co. (Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

6893— Keys (Press Screw)

Auer John, Jr. (Wrought Iron), 197 Middleton, Brooklyn, N. Y.

Keys (Riveted)

See Keys, Flat Spring & Riveted

6894—Keys (Socket, Rubber & Composition)

American Hard Rubber Co., 9 Mercer, New York
Auburn Button Works, Auburn, N. Y.
Dickinson Mfg. Co., Springfield, Mass.
Electrose Mfg. Co., 70 Wash., Brooklyn, N. Y.
Hemming Mfg. Co., Garfield, N. J.
Scranton Button Co., Scranton, Pa.
Siemon Hard Rubber Corp., Bridgeport, Conn.

6895— Keys (Split)

Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

6896—Keys (Street Washer)

Auer John, Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.
Malleable Iron Fittings Co. ("M. I. F. Co"), Branford, Conn.

6897— Kiers

Chattanooga Boiler & Tank Co., Chattanooga, Tenn.
Dillon D. M. Steam Boiler Works, Fitchburg, Mass.
Jefferson E. D. & Son, 53 State, Boston, Mass.
Leslie, Elliott & Co., Paterson, N. J.
Roberts Iron Works Co., Cambridge, Mass.
Smith Samuel & Son Co., Paterson, N. J.
Stafford Wright & Son, Lawrence, Mass.
Textile Finishing Machinery Co. (Boiling), 171 Westminster, Providence, R. I.
Utica Novelty & Mill Specialty Co. (Boiling off), Utica, N. Y.
Wholey Boiler Works, 98 Whipple, Providence, R. I.

6898-9— Kieselguhr

Klipstein A. & Co. (Imp), 644 Greenwich, New York
National Sales Co. (Imp.), 31 E 13th, Cincinnati, O.
Whittaker, Clark & Daniels, Inc. (Imp), 250 Front, New York

6900— Killers (Fly, Poison)

Craun Bros. ("Fly Pie"), Butler, Ind.

6901—Killers (Fly, Swatters)

American Badge Co., 141 W Austin av, Chicago, Ill.
Andrews Wire & Iron Works ("Kant Scratch"), Rockford, Ill.
Atlas Mfg. Co. ("Smith," "Atlas"), New Haven, Conn.
Baumgarth John Co., 1414 W Randolph, Chicago, Ill.
Best Mfg. Co. (Wire), Charlotte, Mich.
Carswell David ("St. Joe"), St. Joseph, Mo.
Carwood Fred T., Danville, Ill.
Cassady Fairbank Mfg. Co. ("Dandy," "Excelsior"), 6126 S La Salle, Chicago, Ill.
Cawood Novelty Mfg. Co., Danville, Ill.
Cleveland Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Cupples Samuel Woodenware Co., 7th & Spruce, St. Louis, Mo.
Dollar W. H. Mfg. Co. ("Keenest"), Camden, N. J.
Drake A. W. Mfg. Co., Hazelton, Pa.
Fischer Bros. & Corwin, 235 N 3d, Newark, N. J.
Fly Swatter Mfg. Co., Canton, O.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Hoaglin Mfg. Co. ("Badger"), Waupaca, Wis.
Lubbers & Bell Mfg. Co. ("Jackson" Steel Spring), Clinton, Ia.
Merrifield Co. ("Champion"), Springvale, Me.
Metzger R. A., New Philadelphia, O.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
National Mfg. Co. ("Faultless" & "Natwire"), Worcester, Mass.
Parker Wire Goods Co. ("Eureka," "Easy" Wire), Worcester, Mass.
Racine Iron & Wire Works, Racine, Wis.
Somers Harold (Daisy), 150 De Kalb av, Brooklyn, N. Y.
Spencer Wire Co., Worcester, Mass.
Standard Vending Machine Co., Hazelton, Pa.
Swift Fly Swatter Mfg. Co., 1412 W 12th Kansas City, Mo.
TATE E. H. MOP & CORDAGE CO. ("Best Quality"), 15 Chardon, Boston, Mass.
Timberlake J. B. & Sons ("Jason & "Gem" Wire Screen), Jackson, Mich.
U. S. Wire Mat Co. ("King," "Swat-Sticka"). Decatur, Ill.
Watson Co. ("Wonder"), Peru, Ind.
Wilson-Hurd Co. ("Getsum"), Wausau, Wis.
Wire Goods Co., Worcester, Mass.
Wire Hardware Co., 6126 S La Salle, Chicago, Ill.

6902—*Killers (Gopher & Squirrel)

HERCULES POWDER CO., Wilmington, Del. *See adv index at end of book*

6903—Killers (Weed, Chemical)

Chipman Chemical Engng. Co., Inc. ("Atlas A"), 95 Liberty, New York

6904—Kiln Drying Apparatus Mfrs.

American Blower Co., 1400 Russell, Detroit, Mich.
Bayley Mfg. Co. (For Lumber, etc.), Milwaukee, Wis.
Buffalo Forge Co., Buffalo,, N. Y.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Garden City Fan Co., 332 S Michigan av, Chicago, Ill.
Gurke Drier & Boiler Co., 317 E 2d, New York
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
National Blower Works, Milwaukee, Wis.
New York Blower Co., Archer av & Canal, Chicago, Ill.; Works: Bucyrus, O.
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book

Kilns (Brick)

See Kilns, Dry with the Word "Brick" Following the Name

6905-6— *Kilns (Cement)

Atlas Engineering Co., Amherst, O.
See adv index at end of book
CHICAGO BRIDGE & IRON WORKS, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Worthington Pump & Machinery Corp., 115 Broadway, New York
See adv index at end of book

6907— Kilns (China)

Bellevue Furnace Co. ("Perfection" for Firing, Decorated China, Glass, Pottery & Enameled Ware), 703 Bellevue av, Detroit, Mich.
Caulkins H. J. & Co. ("Revelation"), State & Griswold, Detroit, Mich.
Egle Bros. Mfg. Co., 169 Sylvester, Detroit, Mich.
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J. *See adv index at end of book*
Ideal China Kiln Co., Port Huron, Mich.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Lavelle Foundry Co. ("Wilke Studio"), Anderson, Ind.
Stearns, Fitch & Co. ("Fitch" Portable, Gas or Charcoal), Springfield, O.

6908— Kilns (Continuous)

Atlas Engineering Co., Amherst, O.
See adv index at end of book
Didier-March Co. (Continuous Tunnel Kilns, Keasbey, N. J.
Geybeck Engng. Co., 45 South, Portland, Ore.
Hoehne R. B. & Associates (Coal-Fired), St. Louis, Mo.
International Clay Machy. Co. (Produce Gas Fired), Dayton, O.
Rose A., 277 Hawthorne av, Portland, Ore.
SCHAFFER ENGINEERING & EQUIPMENT CO. (Semi-Continuous), Tiffin, O. *See adv index at end of book*
Gates Alfred (Down-Draft), Shawmut, Pa.

6909— Kilns (Dry)

See also Dryers, Brick; also Kiln Drying Apparatus Manufacturers

American Blower Co., 1400 Russell, Detroit, Mich.
American Clay Machinery Co. (Brick & Clay), S Walnut, Bucyrus, O.
Andrews A. H. Co. (Lumber, Dry Kilns), 115 S Wabash av, Chicago, Ill.
Buffalo Forge Co., Buffalo, N. Y.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Cutler Dry Kiln Co., 20 Churchill, Buffalo, N. Y.
Emerson Dry Kiln Co., Flatiron bldg, New York
Ervien Chas. W. & Co., Venango & G, Phila., Pa.
Geysbeck Engng. Co. (Brick), 45 South, Portland, Ore.
Grand Rapids Veneer Works, Grand Rapids, Mich.
Green Fuel Economizer Co., Beacon, N. Y.
Hoehne R. B. & Associates (Brick), St. Louis, Mo.
Hook Patent Kiln Co., Columbus O.
Hunter Dry Kiln Co. (For Rubber), E 26th & Cornell av, Indianapolis, Ind.
International Clay Machy. Co. (Brick), Dayton, O.
Koven L. O. & Bro. (Appurtenances), 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Krom Machine Works, 170 B'way, New York
Lovejoy Ellis (Brick, etc.), Columbus, O.
Miller J. K. Co. ("Western"), Seattle, Wash.
Moore L. Dry Kiln Co., Jacksonville, Fla.
National Dry Kiln Co. (Lumber), Indianapolis, Ind.
New Process Vacuum Dry Kiln Co. (Wood, Brick, or Steel), 2011 E 18th, Kansas City, Mo.
New York Blower Co., Archer av & Canal, Chicago, Ill.
North Coast Dry Kiln Co., Seattle, Wash.
Ohio Kiln Co., Vigo, O.
Platt Pressed & Fire Brick Co., (Brick, Tile, etc), Van Meter, Ia.
Ridgway Mfg. Co. ("Murphy" Moist Air Condensing, for Lumber), Ridgway, Pa.
SCHAFFER ENGINEERING & EQUIPMENT CO., Tiffin, O.
See adv index at end of book
Smith, Claude Co. (Brick), 417 S Dearborn, Chicago, Ill.
Standard Dry Kiln Co., Indianapolis, Ind.
Wetherill Robt. & Co., Chester, Pa.
Yates Alfred (Brick), Shawmut, Pa.

6910— Kilns (Lime Burning)

Atlas Engineering Co., Amherst, O.
See adv index at end of book
Duff Patents Co., Frick bldg, Pittsburgh,
Gerdes & Co., 42 Church, New York
See adv index at end of book
Improved Equipment Co. ("Doherty-Eldred", Coal Fired), 60 Wall, New York
McNamara Bros. Co., Haines & Warner, Baltimore, Md.
Manitowoc Engineering Works, Manitowoc, Wis.
Smidth F. L. & Co., 50 Church, New York
Steacy-Schmidt Mfg. Co. ("Keystone," Continuous), York, Pa.
Tecktonius E. C. Mfg. Co. ("Tecktonius-Vogt"), Racine, Wis.
Tippett & Wood, Phillipsburg, N. J.
United Iron Works Co., Kansas City, Mo.

6911—Kilns (Lime, Sugar Refining)

Atlas Engineering Co., Amherst, O.
See adv index at end of book
Hassell Iron Works Co., Colorado Springs, Colo.
Haubtman & Loeb Co. (Ltd.), 717 Magazine, New Orleans, La.
Kilby Mfg. Co., Cleveland, O.
Pittsburgh-Des Moines Steel Co., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Stearns-Roger Mfg. Co., Denver, Colo.

Kilns (Lumber Drying)

See Kiln Drying Apparatus Mfrs. & Kilns, Dry

6912— Kilns (Malt)

Littleford Bros., 444 E Pearl, Cincinnati, O.

Kilns (Roasting)

See Kilns, Rotary

6913— Kilns (Rotary)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
ATLAS ENGINEERING CO., Amherst, O.
See adv index at end of book
Bonnot Company, Canton, O.
CHICAGO BRIDGE & IRON WORKS, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book
Cummer F. D. & Son Co., Superior Arcade, Cleveland, O. *See adv index at end of book*
Dover Boiler Works, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Gerdes & Co., 42 Church, New York
See adv index at end of book
Jackson & Church Co., Saginaw, Mich.

KENNEDY-VAN SAUN MFG. & ENG. CORP. (Cement), 120 Broadway, New York. *See adv index at end of book*
Leslie, Elliott & Co., Paterson, N. J.
McDermitt Bros. Co., Allentown, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Mosser W. F. & Son, Allentown, Pa.
PITTSBURG-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Reeves Bros. Co. (For Cement, etc), Alliance, O.
Sterritt-Thomas Foundry Co., 32nd & Smallman, Pittsburgh, Pa.
TREADWELL CONSTRUCTION CO. (For Cement, etc), Midland, Pa.
See adv index at end of book
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
United Iron Works Co., Kansas City, Mo.
Variety Iron & Steel Works Co., Hamilton av & E 40th, Cleveland, O.
Vulcan Iron Works, Wilkes-Barre, Pa.
Wetherill Robt. & Co., Chester, Pa.
Worthington Pump & Machy Corp., 115 B'way, New York
See adv index at end of book

6914—Kindergarten Supplies

Bradley, Milton Co., Springfield, Mass.
Hamilton Mfg. Co., Two Rivers, Wis.
Readsboro Chair Co. (Tables & Chairs), Readsboro, Vt.

6915— Kitchen Sets

American Cutlery Co. ("American Kitchen Friend," "Famous," "Ideal," "Practical,"), 764 Mather, Chicago, Ill.
Cassady Fairbank Mfg. Co. ("Raven," "Blackbird," "White Bird," "Humming Bird"), 6126 S La Salle, Chicago, Ill.
Kohler Die & Specialty Co. ("Six-in-One"), De Kalb, Ill.
White Ira F. & Son Co., Bloomfield, N. J.

Kitchen Utensils for Hotels & Institutions

See Cooking Apparatus

6915a— Kitchen Wire Goods

Morgan Spring Co., Worcester, Mass.
See adv index at end of book

6916—Kits (Paint, Paste & Ink)

Ohio Pail Co. (Impervious), Middlefield, O.

6917— Kits (Pickle, Etc.)

Beaver Mills, Keene, N. H.

6918—Kits (Syrup, Honey, Etc.)

Pierpont Mfg. Co. (5 & 10 Gallon, Cypress), Savannah, Ga.

6919-20— Knapsacks

Boyle John & Co., 112 Duane, New York
Pettibone Bros. Mfg. Co., 626 Main, Cincinnati, O.
Rosenson D. & Sons, 1600 Baronne, New Orleans, La.

Knees (Boat, Bob Sleigh, Etc.)

See Ship, Knees

6921— Knife-Backs

Cambria Steel Co. (No. 13, B. W. G. & Thicker), Widener bldg, Phila., Pa.

6922—Knife & Weeder (Asparagus)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

6923—*Knives (Apple Grinder)

COES LORING & CO. (Inc.), Coes sq, Worcester, Mass.
See adv index at end of book

6924— Knives (Asparagus)

Bateman Mfg. Co., Grenloch, N. J.

6925— Knives (Back Lathe)

Dowd R. J. Knife Works, Beloit, Wis.
Gage E. E. Mfg. Co., Gardner, Mass.
Gardner Machine Works, Gardner, Mass.

6926— Knives (Banana)

American Cutlery Co., 764 Mather, Chicago, Ill.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Duffy J. F. Jr., 563 Fulton, Chicago, Ill.
Goodell Co., Antrim, N. H.
Harrington Cutlery Co. (Dexter), Southbridge, Mass.
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.
Landers, Frary & Clark, New Britain, Conn.
Lothrop H. A. & Co. ("J. Ames," "J. Sanger"), Sharon, Mass.
Murphy's R. Sons Co. ("R. Murphy's"), Ayer, Mass.
NICHOLS BROS. ("Nichols Bros"), Greenfield, Mass.
Parkhurst L. D., Danielson, Conn.
Stortz John & Son, 210 Vine, Phila., Pa.
Tuck Mfg. Co., Brockton, Mass.

6927— Knives (Band)

Henry & Allen (For Threshers), Auburn, N. Y.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Meriden Cutlery Co. (Sickle Edge), Meriden, Conn.
Sheffield Works, Inc., 86 Warren, New York
See adv index at end of book

6928—Knives (Band Cutter & Self Feeder)

COES LORING & CO. (Inc.), Coes sq, Worcester, Mass.
See adv index at end of book
Henry & Allen, Auburn, N. Y.
Herschel R. Mfg. Co., Peoria, Ill.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Meyer & Co., Throopsville, N. Y.

Knives (Bark Grinder)

See Knives, Wood Barking Machine

6929—Knives (Barrel Machine)

Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
See adv index at end of book
Cocker Saw Mfg. Co., Lockport, N. Y.
COES LORING & CO. (Inc.), Coes sq, Worcester, Mass.
See adv index at end of book
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Sheffield Works, Inc., 86 Warren, New York
See adv index at end of book
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Worden Tool Co., 1854 Scranton rd, Cleveland, Ohio

6930—Knives (Bean Harvester)

American Knife Co., Baldwinsville, N. Y.
Glogau & Co., Dickey bldg, Chicago, Ill.

6931—Knives (Beet Topper)

Atkins E. C. & Co., Indianapolis, Ind.
Clyde Cutlery Co., Clyde, O.
Disston Hy & Sons, Phila., Pa.
Glogau & Co., Dickey bldg, Chicago, Ill.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Landers, Frary & Clark, New Britain, Conn.
Ontario Knife Co., Franklinville, N. Y.
Sheffield Works, Inc., 86 Warren, New York
See adv index at end of book
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.

6932— Knives (Belt)

American Tool & Machine Co. ("Crescent" for Leather Splitting Machines), 10 High, Boston, Mass.
Clemson Knife Co., Woburn, Mass.
Fowle John L., Reading, Mass.
Lyons Edw. S., Woburn, Mass.
Manufacturers Belt Hook Co. ("L-X"), 1321 W Congress, Chicago, Ill.
Mulherin Belt Knife Co., Peabody, Mass.
Sheffield Works, Inc., 86 Warren, New York
See adv index at end of book
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Stehling Chas. Co., 401 4th, Milwaukee, Wis.
Turner Tanning Machinery Co. ("Turner"), Peabody, Mass.

6933— Knives (Bench)

Kendrick-Davis Co. ("K.-D."), Lebannon, N. H.

6934— Knives (Bone Cutter)

American Knife Co., Baldwinsville, N. Y.
Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
See adv index at end of book
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Dilts Machine Works (Inc.), Fulton, N. Y.
Glogau & Co., Dickey bldg, Chicago, Ill.

6935—Knives (Bookbinders')

COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book
Glogau & Co., Dickey bldg, Chicago, Ill.
Hankey A. & Co., Rochdale, Mass.
Latham Machinery Co., 1153 Fulton, Chicago, Ill.
Richard Stephen Co., Southbridge, Mass.
Simonds A. A. & Son, Dayton, O.

6936—Knives (Box Corner Cutter)

COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*

6937— Knives (Bread)

American Cutlery Co., 764 Mather, Chicago, Ill.
Boker Cutlery & Hardware Co., Inc. (Importers), 101 Duane, New York
Cattaraugus Cutlery Co. ("Cattaraugus"), Little Valley, N. Y.
Christy Knife Co., Fremont, O.
Clauss Shear Co. ("Clauss," Serrated & Plain), Fremont, O.
Clyde Cutlery Co., Clyde, O.
Dunlap J. S., 334 S Clinton, Chicago, Ill.
Dunn Ege Tool Co. ("Lightning"), Oakland, Me.
Goodell Co., Antrim, N. H.
Graef & Schmidt (Imported), 107 Chambers, New York
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Harrington Cutlery Co. (Dexter), Southbridge, Mass.
Knickerbocker Mfg. Co. (Also Serrated Bread Knives), Belleville, N. J.
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass
Landers, Frary & Clark ("Universal"), New Britain, Conn
Lothrop H. A. & Co. ("J. Ames," "J. Sanger"), Sharon, Mass.
Meriden Cutlery Co. ("Anvil Brand"), Meriden, Conn.
National Mfg. Co. & Steel Supply Co. ("Slick Cutter Serrated"), 781 Summit, Newark, N. J.
NICHOLS BROS. ("Nichols Bros."), Greenfield, Mass.
Northampton Cutlery Co., Northampton, Mass.
North Wayne Tool Co. ("C. C. Brooks"), Hallowell, Me.
Ontario Knife Co., Franklinville, N. Y.
Parkhurst L. D., Danielson, Conn.
Richard Stephen Co. ("S. R."), Southbridge, Mass.
Russell Jno. Cutlery Co., Turners Falls, Mass.
Tuck Mfg. Co., Brockton, Mass.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.
White Ira F. & Son Co., Bloomfield, N. J.

6938— Knives (Brick)

American Manganese Steel Co. ("Amsco," & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
Tinker F. & Sons Co., 5687 Butler, Pittsburgh, Pa.

6939— Knives (Broom Corn)

Harrington Cutlery Co. ("Dexter"), Southbridge, Mass.
Hyde Mfg. Co., Southbridge, Mass.
Richard Stephen Co. ("S. R."), Southbridge, Mass.

6940— Knives (Burr)

Emrich Phil. (For Sheepskin Tanners), 824 Main, Cincinnati, O.

6941— Knives (Butchers')

Boning, Sticking, Cutting, Etc.

American Cutlery Co., 764 Mather, Chicago, Ill.
American Knife Co., Baldwinsville, N. Y.
Barr Bros. Co. (Hand Made), Oakland Cal.
Boker Cutlery & Hardware Co., Inc. ("Jno. Wilson's," Imported Knives & Steels), 101 Duane, New York
Brecht Co., 1201 Cass av, St. Louis, Mo.
Cattaraugus Cutlery Co. ("Cattaraugus") Little Valley, N. Y.
Chatillon Jno. & Sons, 85 Cliff, New York
Clyde Cutlery Co., Clyde, O.
Enderes Inc., Albert Lea, Minn.
Emrich Phil., 824 Main, Cincinnati, O.
Foster Bros. & Chatillon Co., Fulton, N. Y.
Goodell Co. ("Star"), Antrim, N. H.
Graef & Schmidt ("J. A. Henckel's Twin Works"), 107 Chambers, New York
Harrington Cutlery Co. ("Dexter"), Southbridge, Mass.
Hollinger Cutlery Co., Fremont, O.
Hulbert E. S. & Co. ("Bernardstonion," "Columbia," "National Cut. Co.," "Fall River") Bernardston, Mass.
Kastor Adolph & Bros. ("Thomas Wilson," Knives & Steel), 109 Duane, New York
Knickerbocker Mfg. Co., Belleville, N. J.
Lamson & Goodnow Mfg. Co. ("L. & G."), Shelburne Falls, Mass.
Landers, Frary & Clark ("Universal"), New Britain, Conn.
Lothrop H. A. & Co. ("J. Ames," "J. Sanger"), Sharon, Mass.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Meriden Cutlery Co. ("Anvil Brand," "Razor Edge"), Meriden, Conn.
NICHOLS BROS. ("Nichols Bros."), Greenfield, Mass.
Nittinger Aug., Sr. (Est. of), 826 N. 4th Phila., Pa.
Northampton Cutlery Co., Northampton, Mass.
Ontario Knife Co., Franklinville, N. Y.
Parkhurst L. D., Danielson, Conn.
Pope T. J., Sauquoit, N. Y.
Richard Stephen Co. ("S. R."), Southbridge, Mass.
Robeson Cutlery Co., Rochester, N. Y.
Russell John Cutlery Co., Turners Falls, Mass.
Tuck Mfg. Co., Brockton, Mass.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.
White Ira F. & Son Co., Bloomfield, N. J.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.
Woodworth Knife Works, Nunda, N. Y.
Wostemholm Geo. & Son ("I X L" Imp), 105 Chambers, New York

6942— Knives (Candy)

Collins Co., Collinsville, Conn.
Disston Henry & Sons (Inc.), Tacony, Phila., Pa.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*

6943—Knives (Cane, Machettas, Etc.)

Atkins E. C. & Co. (Hand), Indianapolis, Ind.
Bishop Geo. H. & Co., Lawrenceburg, Ind.
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Collins Co. (Hand), Collinsville, Conn.
Disston Henry & Sons, Inc., Tacony Phila., Pa.
Simonds Mfg. Co. (Cane), Fitchburg, Mass.
See adv index at end of book
SHEFFIELD WORKS, INC., 86 Warren, New York. *See adv index at end of book*

SHEFFIELD WORKS INCORPORATED TRADE DOUBLE DIAMOND MADE NEW YORK, U.S.A.

Cane Knives

"Double Diamond" Brand

ONE STYLE
ONE QUALITY
ONE PRICE

PROMPT SERVICE

6944— Knives (Carpet)

Harrington T. J., Southbridge, Mass.
Murphy's R. Sons Co. ("R. Murphy's"), Ayer, Mass.
Osborne C. S. & Co., Harrison, N. J.

6945— Knives (Carving)

American Cutlery Co., 764 Mather, Chicago, Ill.
Boker Cutlery & Hardware Co., Inc. ("Tree Brand" Imported), 101 Duane, New York
Buffalo Knife Co., Buffalo, N. Y.
Chatillon Jno. & Sons, 85 Cliff, New York
Christy Knife Co., Fremont, O.
Clauss Shear Co., Fremont, O.
Crescent Mfg. Co., Fremont, O.
Goodell Co., Antrim, N. H.
Graef & Schmidt ("Twin Brand" Imported), 107 Chambers, New York
Knickerbocker Mfg. Co., Belleville, N. J.
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.
Landers, Frary & Clark ("Universal"), New Britain, Conn.
Meriden Cutlery Co. ("Anvil Brand"), Meriden, Conn.
NICHOLS BROS. ("Nichols Bros"), Greenfield, Mass.
Russell John Cutlery Co., Turners Falls, Mass.
Silver Plate Cutlery Co., Shelton, Conn.
Wallace R. & Sons Mfg. Co., Wallingford, Conn.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.
White Ira F. & Son Co., Bloomfield, N. J.

6946— *Knives (Celluloid)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

6947—Knives (Chair Bottom)

Anderson Knife & Bar Co., Anderson, Ind.
Dowd R. J. Knife Works, Beloit, Wis.
Simonds Mfg. Co., Fitchburg, Mass.
See adv index at end of book

6948— Knives (Chamfer)

Detroit Edge Tool Works, Woodbridge & McDougall, Detroit, Mich.
Dilts Machine Works (Inc.), Fulton, N. Y.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Oram John S. Co., Cleveland, O.
White L. & I. J. Co. (Right & Left & Beer Keg, etc), 120 Columbia, Buffalo, N. Y.

6949— Knives (Cheese)

American Cutlery Co., 764 Mather, Chicago, Ill.
Enterprise Mfg. Co. of Pa. (Self-Gauging), 3d & Dauphin, Phila., Pa.
Goodell Co., Antrim, N. H.
Harrington Cutlery Co. (For Family Use), Southbridge, Mass.
Herschel R. Mfg. Co., Peoria, Ill.
Landers, Frary & Clark, New Britain, Conn.
Meriden Cutlery Co., Meriden, Conn.
NICHOLS BROS. ("Nichols Bros."), Greenfield, Mass.
Russell John Cutlery Co., Turners Falls, Mass.

6950— Knives (Chipper)

Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
See adv index at end of book
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Detroit Edge Tool Works, Woodbridge & McDougall, Detroit, Mich.
Dilts Machine Works (Inc.), Fulton, N. Y.
Dowd R. J. Knife Works, Beloit, Wis.
Mitts & Merrill, 1939 S Water, Saginaw, Mich.
Sheffield Works Inc., 86 Warren, New York *See adv index at end of book*
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Stortz Jno. & Son, 210 Vine, Phila., Pa.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

6951— Knives (Chipping)

Anderson Knife & Bar Co., Anderson, Ind.

6952— Knives (Chopping)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Cassady Fairbank Mfg. Co. ("Double Blade," etc.), 6126 S La Salle, Chicago, Ill.
Dover Stamping & Mfg. Co. (For Family Use), Cambridge, Mass.
Emrich Phil (Armhole, Cloth & Cloak), 824 Main, Cincinnati, O.
Richard Stephen Co. (Meat), Southbridge, Mass.
Thayer Mfg. Co., Williamsburg, Mass.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.

6953— Knives (Cigar)

American Cutlery Co., 764 Mather, Chicago, Ill.
Decker E. F., Saw Works, Albany, N. Y.
Disston Hy. & Sons, Tacony, Phila., Pa.
Emrich Phil., 824 Main, Cincinnati, Ohio
Harrington T. J. ("Dexter"), Southbridge, Mass.
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.
Landers, Frary & Clark, New Britain, Conn.
Lothrop H. A. & Co. ("J. Ames," "J. Sanger"), Sharon, Mass.
Miller, Du Brul & Peters Mfg. Co., 507 E Pearl, Cincinnati, O.
National Mfg. & Steel Supply Co. ("Richardson Bros."), 781 Summit, Newark, N. J.
Osborne C. S. & Co., Harrison, N. J.
Parkhurst L. D., Danielson, Conn.
Richard Stephen Co. ("S. R."), Southbridge, Mass.
Russell John Cutlery Co., Turners Falls, Mass.
Tuck Mfg. Co., Brockton, Mass.

6954— Knives (Circular)

Decker E. F., Saw Works, Albany, N. Y.
Disston Henry & Sons, Inc., (For Cork, Cloth, Leather & Paper), Tacony, Phila., Pa.
Huther Bros. Saw Mfg. Co. (For Cork, Cloth, Leather & Paper), Rochester, N. Y. *See adv index at end of book*
Sheffield Works Inc., 86 Warren, New York *See adv index at end of book*
Simonds Mfg. Co., Fitchburg, Mass.
See adv index at end of book
Tinker F. & Sons Co., 5687 Butler, Pittsburgh, Pa.

Knives (Clam)

See Knives, Oyster & Clam

6955—Knives (Cloth Cutting)

Decker E. F., Saw Works, Albany, N. Y.
Emrich Phil ("Emrich" Sheffield Silver Steel), 824 Main, Cincinnati, O.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*

6956—*Knives (Clothes Pin)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

6957—*Knives (Clover Huller)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

6958— Knives (Cooperage)

See also Knives, Drawing

Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
See adv index at end of book
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Detroit Edge Tool Works, Woodbridge & McDougall, Detroit, Mich.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

6959— Knives (Cope Cutter)

COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book
Detroit Edge Tool Works, Woodbridge & McDougall, Detroit, Mich.
Dilts Machine Works, (Inc.), Fulton, N. Y.
Dowd R. J. Knife Works, Beloit, Wis.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

6960—*Knives (Cord Wood Splitter)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

6961— Knives (Coring)

Ontario Knife Co. ("California"), Franklinville, N. Y.

6962— Knives (Cork)

Atkins E. C. & Co., Indianapolis, Ind.
Decker E. F., Saw Works, Albany, N. Y.
Disston Henry & Sons, Inc. (Circular), Tacony, Phila., Pa.
Harrington Cutlery Co. ("Dexter"), Southbridge, Mass.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.
Landers, Frary & Clark, New Britain, Conn.
Oldham Joshua & Sons, 112 26th, Brooklyn, N. Y.
Parkhurst L. D., Danielson, Conn.
Sheffield Works Inc., 86 Warren, New York *See adv index at end of book*

Knives (Corn Cutter)

See Knives, Hay & Corn Cutter

6963—Knives (Corn Harvester)

American Knife Co., Baldwinsville, N. Y.
Anderson Knife & Bar Co., Anderson, Ind.
Atkins E. C. & Co., Indianapolis, Ind.
Bishop Geo. H. & Co., Lawrenceburg, Ind.
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Disston Henry & Sons, Inc., Tacony, Phila, Pa.
Henry & Allen, Auburn, N. Y.
Herschel R. Mfg. Co., Peoria, Ill.
North Wayne Tool Co. ("H. S. Earle's"), Hallowell, Me.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.

6964—Knives (Cotton Seed Huller)

American Knife Co., Baldwinsville, N. Y.
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
French Oil Mill Machinery Co., Piqua, O.

6965—*Knives (Cotton Shear)

COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book

6966— Knives (Curd)

Burrell D. H. & Co., Little Falls, N. Y.

6967—Knives (Cylinder Huller)

French Oil Mill Machinery Co. ("Faherty," for Cottonseed Oil Mills, etc), Piqua, O.

6968— Knives (Dehorner)

American Knife Co., Baldwinsville, N. Y.
Phillips M. T. ("Keystone"), Pomeroy, Pa.
Ridgely Trimmer Co., Springfield, O.

6969— Knives (Dirk)

Dilts Machine Works (Inc.), Fulton, N. Y.
Novelty Cutlery Co., Canton, O.

6970—*Knives (Double Edge)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

6971— *Knives (Dowel)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

6972— Knives (Drawing)

Black John B. Co., Chester, Pa.
Bradley G. W Axe & Tool Mfg. Co., Newburgh, N. Y.
Buck Bros., Millbury, Mass.
Disston Hy. & Sons (Carpenters, etc), Tacony, Phila., Pa.
Glogan & Co., Dickey bldg., Chicago, Ill.
Greenlee Bros. & Co. ("Reliance"), Rockford, Ill.
Jennings C. E. & Co. ("C. E. J. & Co.'s" "J. & G. Mfg. Co."), 71 Murray, New York
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Ohio Tool Co., Charleston, W. Va.
Peck, Stow & Wilcox Co., Southington, Conn.
Ransome-Leach Co., 115 B'way, New York
S. & I. Co. (Razor, Blade & Folding Handle), Springfield, Mass.
Smith H. D. & Co. ("Perfect Handle"), Plantsville, Conn.
Swan Jas. Co. ("Bradley" Pattern, "Swan" Folding Handle, etc), Seymour, Conn.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.
Wilkinson A. J. & Co. (Folding), 184 Washington, Boston, Mass.
Winsted Edge Tool Works ("T. H. Witherby"), Winsted, Conn.

6973—Knives (Electricians' or Linemen's)

Barr Bros. Co., (Insulated Handle, Hand Made), Oakland, Cal.

6974— Knives (Ensilage)

American Knife Co., Baldwinsville, N. Y.
Anderson Knife & Bar Co., Anderson, Ind.
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Dilts Machine Works (Inc.), Fulton, N. Y.
Hardy L. Co., Worcester, Mass.
Henry & Allen, Auburn, N. Y.

6975— Knives (Excelsior)

American Knife Co., Baldwinsville, N. Y.
Atkins E. C. & Co., Indianapolis, Ind.
Cocker Saw Mfg. Co., Lockport, N. Y.
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Detroit Edge Tool Works, Woodbridge & McDougall, Detroit, Mich.
Dilts Machine Works (Inc.), Fulton, N. Y.
Dowd R. J. Knife Works, Beloit, Wis.
Ohio Knife Co., Cincinnati, Ohio
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

6976— Knives (Farriers')

Bagshaw & Field, 445 N 5th, Phila., Pa.
Bicknell Mfg. & Supply Co., Janesville, Wis.
Challenge Cutlery Corp., Bridgeport, Conn.
Champion Tool Co. ("Keystone"), Meadville, Pa.
Heller Bros. Co. (Hoof), 879 Mt. Prospect av, Newark, N. J.
Pope T. J. ("Pope's"), Sauquoit, N. Y.
Woodworth Knife Works, Nunda, N. Y.

6977—Knives (Feather Curling)

Harrington Cutlery Co., Southbridge, Mass.
Murphy's R. Sons Co. ("R. Murphy's"), Ayer, Mass.

6978— Knives (Fruit)

Glogan & Co., Dickey bldg., Chicago, Ill.
Goodell Co., Antrim, N. H.
Meriden Cutlery Co. (Grape Fruit), Meriden, Conn.

6979— Knives (Fur Cutter)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Emrich Phil., 824 Main, Cincinnati, O.
Glogan & Co., Dickey bldg., Chicago, Ill.
Richard Stephen Co. ("S. R."), Southbridge, Mass.
Simonds Mfg. Co., Fitchburg, Mass.
See adv index at end of book

6980— Knives (Gauge Lathe)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

6981—Knives (Grape Pruner)

Harrington Cutlery Co. ("Dexter"), Southbridge, Mass.

6982— *Knives (Handle)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

6983—Knives (Harness Makers')

Glogau & Co., Dickey bldg., Chicago, Ill.
Osborne C. S. & Co., Harrison, N. J.
Rose Wm. & Bros., Sharon Hill, Pa.

6984— Knives (Hay)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Dilts Machine Works (Inc.), Fulton, N. Y.
Dunn Edge Tool Co. ("Holts' Lightning," "Blizzard"), Oakland, Me.
Ely T. J. Mfg. Co. ("Ely's Dandy"), Erie, Pa.
Erie City Mfg. Co. ("Arrow"), Erie, Pa.
Iwan Bros. ("Iwan's," Sickle & Serrated Waving Edge), South Bend, Ind.
North Wayne Tool Co., Hallowell, Me.
Swineford G. A. Co. ("Adjustable," "Canton Sickle Edge"), Canton, O.
Wallingford Mfg. Co. ("Lightning" Pattern, "Heath" Pattern), Wallingford, Vt.
Winsted Mfg. Co. (Hand), Winsted, Conn.

6985—Knives (Hay & Corn Cutter)

American Axe & Tool Co., Glassport, Pa.
American Knife Co., Baldwinsville, N. Y.
Bateman Mfg. Co. ("The Eureka"), Grenloch, N. J.
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Dilts Machine Works (Inc.), Fulton, N. Y.
Hankey A. & Co., Rochdale, Mass.
Henry & Allen, Auburn, N. Y.
Ney Mfg. Co. ("American" Hay Sickle Edge), Canton, O.
North Wayne Tool Co. ("C. C. Brooks" & "H. S. Earle's"), Hallowell, Me.
Ontario Knife Co., Franklinville, N. Y.
Wadsworth David & Son, Auburn, N. Y.
Wallingford Mfg. Co. ("Western King," "Keystone," "Daisy Clipper"), Wallingford, Vt.
Winsted Mfg. Co., Winsted, Conn.

6986— *Knives (Header)

COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book

6987—Knives (Hedge & Root)

Atkins E. C. & Co., Indianapolis, Ind.
Black John B. Co. ("Wm. Beatty & Sons"), Chester, Pa.
Clyde Cutlery Co., Clyde, O.
Disston Henry & Sons ("Champion"), Tacony, Phila., Pa.
Evansville Tool Works (Axle Handle), Evansville, Ind.
Glogau & Co., Dickey bldg., Chicago, Ill.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.

6988—*Knives (High Speed Steel)

Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
See adv index at end of book
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Sheffield Works, Inc., 86 Warren, New York *See adv index at end of book*
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

6989— Knives (Hog)

Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
See adv index at end of book
Detroit Edge Tool Works, Woodbridge & McDougall, Detroit, Mich.
Dilts Machine Works, Fulton, N. Y.
Mitts & Merrill ("M. & M."), 1939 S Water, Saginaw, Mich.
Sheffield Works, Inc., 86 Warren, New York *See adv index at end of book*

6990— Knives (Hoop)

Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
See adv index at end of book
Detroit Edge Tool Works, Woodbridge & McDougall, Detroit, Mich.
Dilts Machine Works, Fulton, N. Y.
Dowd R. J. Knife Works, Beloit, Wis.
Simonds A. A. & Son Co., Dayton, O.
White L. & I. J. Co., 120 Columbus, Buffalo, N. Y.
Worden Tool Co., 1854 Scranton rd, Cleveland, O.

6991-2—*Knives (Hoop Machine)

Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
See adv index at end of book
COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book

Knives (Jointer)

See Knives, Wood Working Machine

6993—Knives (Kitchen, Paring, Etc.)

American Cutlery Co. ("Famous," etc), 764 Mather, Chicago, Ill.
Barr Bros. Co. (Hand Made), Oakland, Cal.
Benedict Mfg. Co., East Syracuse, N. Y.
Boker Cutlery & Hardware Co., Inc. ("Gifford's" Razor Blade, Paring & Slicing), 101 Duane, New York
Browne W. G. Mfg. Co. ("Acme" "Elite"), Kingston, N. Y.
Browne & Dowd Mfg. Co. ("B. & D. Co."), Meriden, Conn.
Buffalo Knife Co., Buffalo, N. Y.
Cassady Fairbank Mfg. Co. ("Lincoln"), 6126 S La Salle, Chicago, Ill.
Cattaraugus Cutlery Co., Little Valley, N. Y.
Chatillon Jno. & Sons, 85 Cliff, New York
Christy Knife Co. ("Christy," "Eclipse"), Fremont, O.
Clyde Cutlery Co., Clyde, O.
Crescent Mfg. Co., Fremont, O.
Divine Dwight & Sons ("Ulster"), Ellenville, N. Y.
Dover Stamping & Mfg. Co., Cambridge, Mass.
Dunlap J. S., 334 S Clinton, Chicago, Ill.
Emrich Phil., 824 Main, Cincinnati, O.
Enderes, Inc., Albert Lea, Minn.
Foster Bros. & Chatillon Co., Fulton, N. Y.
Gibford Weiffenbach Co. ("Razor Blade"), Adrian, Mich.
Glogau & Co., Dickey bldg., Chicago, Ill.
Goodell Co. (Paring), Antrim, N. H.
Graef & Schmidt ("Twin" Brand, Imported), 107 Chambers, New York
Hamblin & Russell Mfg. Co., Worcester, Mass.
Harrington Cutlery Co. ("Dexter"), Southbridge, Mass.
Jackson Shear & Razor Co., Fremont. O.
Knickerbocker Mfg. Co., Belleville, N. J.
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.
Landers, Frary & Clark ("Universal"), New Britain, Conn.
Lothrop H. A. & Co., Sharon, Mass.
Meriden Cutlery Co. ("Anvil"), Meriden, Conn.
Murphy's Robt. Sons Co. ("R. Murphy's") Ayer, Mass.
NICHOLS BROS. ("Nichols Bros"), Greenfield, Mass.
Northampton Cutlery Co., Northampton, Mass.
Ontario Knife Co., Franklinville, N. Y.
Parkhurst L. D. ("Own Brand," "L. D. P."), Danielson, Conn.
Richard Stephen Co. ("S. R."), Southbridge, Mass.
Russell Jno. Cutlery Co., Turners Falls, Mass.
Teller R. K., Unadilla, N. Y.
Tie Co. ("Teller"), Unadilla, N. Y.
Tuck Mfg. Co., Brockton, Mass.
Wallace R. & Sons Mfg. Co., Wallingford, Conn.
Washington Cutlery Co. ("Village Blacksmith," "Blitz"), Watertown, Wis.
White Ira F. & Son Co. (Also Slotted), Bloomfield, N. J.

6994—Knives (Lawn Mower)

Anderson Knife & Bar Co., Anderson, Ind.
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Hardy L. Co., Worcester, Mass.
Henry & Allen, Auburn, N. Y.

6995—Knives (Leather Splitting)

Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
See adv index at end of book
COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book
Detroit Edge Tool Works, Woodbridge & McDougall, Detroit, Mich.
Dowd R. J. Knife Works, Beloit, Wis.
Emrich Phil., 824 Main, Cincinnati, O.
Hankey A. & Co., Rochdale, Mass.
Isele A. W. & Son, 51 Pitt, Boston, Mass.
Lovejoy D. & Son, Lowell, Mass.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Osborne C. S. & Co. (Harness Makers, etc), Harrison, N. J.
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
White L. & I. J. Co, 120 Columbia, Buffalo, N. Y.

6996— *Knives (Linotype)

COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

6997—Knives (Listing Jointer)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

6998—Knives (Lithograph Stone)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Dowd R. J. Knife Works, Beloit, Wis.

6999— *Knives (Logwood)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

7000—*Knives (Loom, Axminster)

COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book

7001—*Knives (Loom, Carpet)

COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book

7002-3—Knives (Machine)

American Knife Co., Baldwinsville, N. Y.
Anderson Knife & Bar Co., Anderson, Ind.
Atkins E. C. & Co., Indianapolis, Ind.
Bailey & Blendinger Mfg. Co., Woburn, Mass.
California Saw Works, 721 Brannan, San Francisco, Cal.
Chattanooga Saw Works, Chattanooga, Tenn.
Chicago Knife Works, 228 S Clinton, Chicago, Ill.
Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
See adv index at end of book
Cocker Saw Mfg. Co., Lockport, N. Y.
COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book
Curtis Mfg. Co., St. Louis, Mo.
Daniels Machine Co., S. Royalton, Vt.
Decker E. F., Saw Works, Albany, N. Y.
Detroit Edge Tool Works, Woodbridge & McDougall, Detroit, Mich.
Dilts Machine Works (Inc.), Fulton, N. Y.
Disston Henry & Sons, Tacony, Phila, Pa.
Dowd R. J. Knife Works, Beloit, Wis.
Eagle Knife & Bar Co., Lawrence, Mass.
Foster Bros. & Chatillon Co., Fulton, N. Y.
Foucart J. E., Williamsport, Pa.
Gage E. E. Mfg. Co., Gardner, Mass.
Glogau & Co., Dickey Bldg., Chicago, Ill.
Goes Oscar & Co., 1822 W Lake, Chicago, Ill.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Gustafson & Scott Mfg. Co., 4325 Wabansia av, Chicago, Ill.
Hankey A. & Co., Rochdale, Mass.
Hardisty & Co., Garland, Linwood, Cincinnati, O.
Hardy L. Co., Worcester, Mass.
Henry & Allen, Auburn, N. Y.
Heppenstall Forge & Knife Co., 47th & Hatfield, Pittsburgh, Pa.
Holyoke Bar Co., Holyoke, Mass.
Horne J. H. & Sons Co. (Planing, etc), Lawrence, Mass.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Kaiser F. C. & Son, Muncie, Ind.
Kentucky Saw Works, Louisville, Ky.
Lancaster Machine & Knife Works, Lancaster, N. Y.
Lovejoy D. & Son, Lowell, Mass.
Lloyd John Co., 124 Baxter, New York
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Mitts & Merrill, 1339 S Water, Saginaw, Mich.
Moss Arthur J., 178 Centre, New York
Munson Co., Grand Rapids, Mich.
Ohio Knife Co., Cincinnati, O.
Ohio Tool Co., Charlestown, W. Va.
Oldham Joshua & Sons, 114 26th, Brooklyn, N. Y.
Penfield Saw Works, Bristol, Conn.

SHEAR BLADES AND MACHINE KNIVES

Rings, Cranks, Gear Blanks, Shafts, Shafting, Spindles, Die Blocks, Rolls, Connecting Rods

THE CLEVELAND KNIFE & FORGE CO., Cleveland, Ohio

Phillips F. R. & Sons Co., Penna. bldg, Phila, Pa.
Russell John B. Knife Works, Naponoch, N. Y.
Sheffield Works Inc., 86 Warren, New York *See adv index at end of book*
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass. *See adv index at end of book*
Snell & Atherton, Brockton, Mass.
Southern Saw Wks, East Point, Ga.
Taylor, Stiles & Co., Riegelsville, N. J.
Thomson W. S., 418 W 27th, New York
Toland & Son, Front & Low, Baltimore, Md.
Toledo Saw & Supply Co., Toledo, O.
Wapakoneta Machine Co., Wapakoneta, O.
Webb-Baxter Co., Anderson, Ind.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.
Worden Tool Co., 1854 Scranton rd, Cleveland, O.

Knives (Machine, Wood Cutting)

See Knives, Wood Working Machine

Knives (Matcher)

See Knives, Wood Working Machine

7004—*Knives (Meat Slicer)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass. *See adv index at end of book*
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*

7005—*Knives (Metal Shear)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass. *See adv index at end of book*
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*

7006— Knives (Mincing)

Arcade Mfg. Co., Freeport, Ill.
Atkins E. C. & Co., Indianapolis, Ind.
Bishop Geo. H. & Co., Lawrenceburg, Ind.
Boker Cutlery & Hardware Co., Inc. (Imported), 101 Duane, New York
Browne & Dowd Mfg. Co. ("B & D Co."), Meriden, Conn.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Clauss Shear Co., Fremont, O.
Fischer Bros. & Corwin, 635 N 3d, Newark, N. J.
Forsyth Metal Goods Co., E. Aurora, New York
Glogau & Co., Dickey bldg., Chicago, Ill.
Grey Iron Casting Co., Mt. Joy, Pa.
Knickerbocker Mfg. Co., Belleville, N. J.

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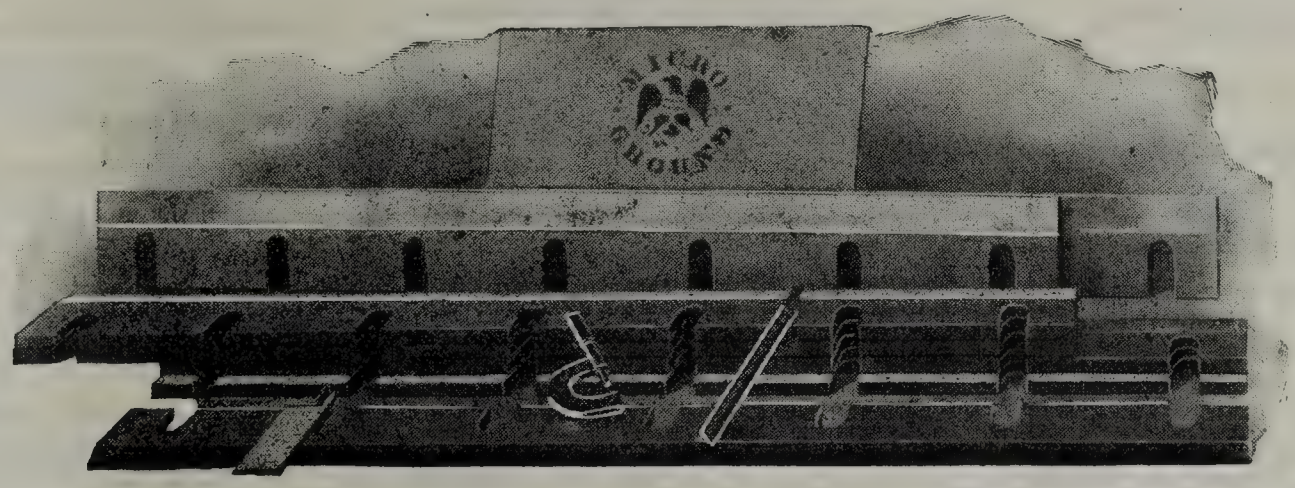

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KNIVES (MINCING)—continued
Landers, Frary & Clark, New Britain, Conn.
Parks & Parks, Troy, N. Y.
Potter Mfg. Co. ("Potter"), Geneva, O.
Streeter N. R. & Co. ("Sensible"), Rochester, N. Y.
Udell Works ("Clauss"), Indianapolis, Ind.

7007— Knives (Mitre)

Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
See adv index at end of book
COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book
Detroit Edge Tool Works, Woodbridge & McDougall, Detroit, Mich.
Dowd R. J. Knife Works, Beloit, Wis.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

Knives (Moulding Machine)

See Knives, Wood Working Machine

7008—Knives (Mower & Reaper)

Henry & Allen, Auburn, N. Y.
Herschel R. Mfg. Co., Peoria, Ill.
Mason F. C. & Co., St. Johns, Mich.
Whitaker Mfg. Co., 409 S Green, Chicago, Ill.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book
Wood Walter A. Mowing & Reaping Machine Co., Hoosick Falls, N. Y.

7009— Knives (Oil Cloth)

American Cutlery Co., 764 Mather, Chicago, Ill.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Disston Hy. & Sons, Tacony, Phila., Pa.
Glogau & Co., Dickey bldg., Chicago, Ill.
Harrington Cutlery Co. ("Dexter"), Southbridge, Mass.
Judson Cutlery Co., 41 Union sq, New York
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.
Landers, Frary & Clark, New Britain, Conn.
Kimball C. J. Co., Bennington, N. H.
Osborne C. S. & Co., Harrison, N. J.
Parkhurst L. D., Danielson, Conn.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Tusk Mfg. Co., Brockton, Mass.

7010— *Knives (Overlay)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

7011—Knives (Oyster & Clam)

Allen D. S., Port Lavaca, Tex.
Bagshaw & Field, 445 N 5th, Phila., Pa.
Bannister A. F. & Co., Newark, N. J.
Carver Tool Works (Carver's), Spring Valley, N. Y.
Clyde Cutlery Co., Clyde, Ohio
Duffy Mfg. Co., 214 W Grand av, Chicago, Ill.
Dunlap J. S., 334 S Clinton, Chicago, Ill.
Eagle Tool Works, Bayonne, N. J.
Emrich Phil. (N. Y. Style), 824 Main, Cincinnati, O.
Foster Bros. & Chatillon Co., Fulton, N. Y.
Glogau & Co., Dickey bldg., Chicago, Ill.
Harrington T. J. ("Dexter"), Southbridge, Mass.
Landers, Frary & Clark, New Britain, Conn.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Murphy's R. Sons Co. ("R. Murphy's"), Ayer, Mass.
Ontario Knife Co., Franklinville, N. Y.
Osborne C. S. & Co., Harrison, N. J.
Parkhurst L. D., Danielson, Conn.
Richard Stephen Co. ("S R"), Southbridge, Mass.
Russell John Cutlery Co., Turners Falls, Mass.
Stortz John & Son, 210 Vine, Phila., Pa.
Thayer Mfg. Co., Williamsburg, Mass.
Tuck Mfg. Co., Brockton, Mass.
Vaughan & Bushnell Mfg. Co. ("V. & B."), 2114 Carroll av, Chicago, Ill.

7012— Knives (Painters')

Glogau & Co., Dickey bldg., Chicago, Ill.
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.
Landers, Frary & Clark, ("Universal"), New Britain, Conn.
Ridgely Trimmer Co., Springfield, O.
Russell John Cutlery Co. (Palette, Hacking, Gilding, etc.), Turners Falls, Mass.

7013—*Knives (Panel Raising)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*

7014— Knives (Paper)

Atkins E. C. & Co., Indianapolis, Ind.
Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
See adv index at end of book
COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book
Decker E. F., Saw Works, Albany, N. Y.
Dilts Machine Works (Inc.), Fulton, N. Y.
Disston Hy. & Sons, Tacony, Phila., Pa.
Foster Bros. & Chatillon Co., Fulton, N. Y.
Glogau & Co., Dickey bldg., Chicago, Ill.
Hardy Wallace L. (Rotary, Joliet, Ill.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Parkhurst L. D., Danielson, Conn.
Russell John Cutlery Co. (Green River Works), Turners Falls, Mass.
Sheffield Works Inc., 86 Warren, New York *See adv index at end of book*
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Tiley, Pratt Co., Essex, Conn.

7015—*Knives (Paper Box Machine)

Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
See adv index at end of book
COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book

7016—Knives (Paper Cutter)

American Knife Co., Baldwinsville, N. Y.
Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
See adv index at end of book
COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book
Detroit Edge Tool Works, Woodbridge & McDougall, Detroit, Mich.
Dilts Machine Works (Inc.), Fulton, N. Y.
Disston Henry & Sons, Tacony, Phila., Pa.
Dowd R. J. Knife Works, Beloit, Wis.
Glogau & Co., Dickey bldg., Chicago, Ill.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Hankey A. & Co., Rochdale, Mass.
Lancaster Mach. & Knife Works, Lancaster, N. Y.
Ohio Knife Co. (The), Cincinnati, O.
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Taylor, Stiles & Co., Riegelsville, N. J.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.
Worden Tool Co., 1854 Scranton rd, Cleveland, O.

7017—Knives (Paper Hangers')

American Cutlery Co., 764 Mather, Chicago, Ill.
Clyde Cutlery Co., Clyde, O.
Glogau & Co., Dickey bldg., Chicago, Ill.
Harrington T. J. ("Dexter"), Southbridge, Mass.
Landers, Frary & Clark, New Britain, Conn.
Murphy's Robt. Sons Co. ("R. Murphy's"), Ayer, Mass.
Northampton Cutlery Co., Northampton, Mass.
Osborne C. S. & Co., Harrison, N. J.
Richard Stephen Co. ("S. R."), Southbridge, Mass.
Ridgely, Trimmer Co., Springfield, O.
Stortz Jno. & Son, 210 Vine, Phila., Pa.
Tuck Mfg. Co., Brockton, Mass.

Knives (Paring)

See Knives, Kitchen, Paring, etc.

7017a— *Knives (Planer)

HUTHER BROS. SAW MFG. CO., Rochester, N. Y. *See adv index at end of book*

7018—Knives (Planing Machine)

American Knife Co., Baldwinsville, N. Y.
Anderson Knife & Bar Co., Anderson, Ind.
Atkins E. C. & Co., Indianapolis, Ind.
Chattanooga Saw Works, Chattanooga, Tenn.
Chicago Knife Works, 228 S Clinton, Chicago, Ill.
Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
See adv index at end of book
COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book
Curtis & Co. Mfg. Co. ("Empire"), 1571 Kienlen av, St. Louis, Mo.
Decker E. F. Saw Wks, Albany, N. Y.
Detroit Edge Tool Works, Woodbridge & McDougall, Detroit, Mich.
Dilts Machine Works (Inc.), Fulton, N. Y.
Disston Henry & Sons (Inc.), Tacony, Phila., Pa.
Dowd R. J. Knife Works, Beloit, Wis.
Gage E. E. Mfg. Co., Gardner, Mass.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Hankey A. & Co. (Thin, High-Speed Steel), Rochdale, Mass.
Hardisty & Co., Garland, Linwood, Cincinnati, O.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Lancaster Machine & Knife Works, Lancaster, N. Y.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Ohio Knife Co., Cincinnati, O.
Sheffield Works Inc., 86 Warren, New York *See adv index at end of book*
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Taylor, Stiles & Co., Riegelsville, N. J.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.
Wolverine Saw Co., Detroit, Mich.
Worden Tool Co., 1854 Scranton road, Cleveland, O.

7019— *Knives (Plush)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

7020— Knives (Pocket)

Aerial Cutlery Mfg. Co., Marinette, Wis.
Bannister A. F. & Co., 56 Summer av, Newark, N. J.
Boker Cutlery & Hardware Co. Inc., 101 Duane, New York
Canton Cutlery Co., Canton, O.
Cattaraugus Cutlery Co., Little Valley, N. Y.
Challenge Cutlery Corp., Bridgeport, Conn.
Chatillion Jno. & Sons, 85 Cliff, New York
Clark Bros. Cutlery Co., 926 B'way, Kansas City, Mo.
Divine Dwight & Son, Ellenville, N. Y.
Dolphin Cutlery Co., 3 W 29, New York
Dunn & Rodenberg (Gold Filled), Baker, Providence, R. I.
Empire Knife Co., Winsted, Conn.
Foster Bros. & Chattillon Co., Fulton, N. Y.
Glogau & Co., Dickey bldg., Chicago, Ill.
Graef & Schmidt ("Twin Brand" Imp.), 107 Chambers, New York
Holley Mfg. Co., Lakeville, Conn.
Klaas Max ("Crane Brand" Imported), 108 Fulton, New York
Koch F. A. & Co., 524 B'way, New York
Landers, Frary & Clark ("Universal"), New Britain, Conn.
Marble Arms & Mfg. Co., Gladstone, Mich.
Miller Bros. Cutlery Co., Meriden, Conn.
Napanoch Knife Co., Napanoch, N. Y.
N. Y. Knife Co., 225 5th av, New York
Northfield Knife Co., Northfield, Conn.
Novelty Cutlery Co., Canton, O.
Robeson Cutlery Co., Rochester, N. Y.
Russell John Cutlery Co., Turners Falls, Mass.
Schatt & Morgan Cutlery Co., Titusville, Pa.
Schrade Cutlery Co., Walden, N. Y.

Silberstein A. L. ("Griffon" Imp.), 600 W. 157, New York
Simmons Hardware Co. ("Keen Kutter"), 9th & Spruce, St. Louis, Mo.
Sperry & Alexander Co., 79 Chambers, New York
Thomaston Knife Co. (Combination), Thomaston, Conn.
Utica Cutlery Co., Utica, N. Y.
Valley Forge Cutlery Co., Newark, N. J.
Walden Knife Co., Walden, N. Y.
Wostenholm Geo. & Son ("I. X. L." Imp), 105 Chambers. New York

7021— Knives (Pruning)

Barr Bros. Co., Oakland, Cal.
Cattaraugus Cutlery Co. ("Cattaraugus"), Little Valley, N. Y.
Glogau & Co., Dickey bldg., Chicago, Ill.
Harrington Cutlery Co., Southbridge, Mass.
Henry John T. Mf.g Co., Hamden, Conn.
Holley Mfg. Co., Lakeville, Conn.
Osborne C. S. & Co., Harrison, N. J.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Tuck Mfg. Co., Brockton, Mass.

7022— Knives (Pug Mill)

Alloy Steel Forging Co., Carnegie, Pa.
American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
United Iron Works Co., Kansas City, Mo.

7023— Knives (Putty)

American Cutlery Co., 764 Mather, Chicago, Ill.
Bridgeport Hardware Mfg. Corp. ("Bridgeport"), Bridgeport, Conn.
Browne & Dowd Mfg. Co. ("B. & D. Co."), Meriden, Conn.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Fletcher, Terry Co., Forestville, Conn.
Glogau & Co., Dickey bldg., Chicago, Ill.
Goodell Co., Antrim, N. H.
Harrington Cutlery Co. ("Dexter"), Southbridge, Mass.
Knickerbocker Mfg. Co., Belleville, N. J.
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.
Landers, Frary & Clark ("Universal"), New Britain, Conn.
Meriden Cutlery Co., Meriden, Conn.
Northampton Cutlery Co., Northampton, Mass.
Ontario Knife Co., Franklinville, N. Y.
Parkhurst L. D., Danielson, Conn.
Richard Stephen Co. ("S. R."), Southbridge, Mass.
Ridgely, Trimmer Co., Springfield, O.
Russell John Cutlery Co., Turners Falls, Mass.
SMITH & HEMENWAY CO., INC., 261 B'way, New York & 130 Coit, Irvington, N. J.
See adv index at end of book
White Ira F. & Son Co., Bloomfield, N. J.

7024— Knives (Rag Cutter)

American Knife Co., Baldwinsville, N. Y.
Anderson Knife & Bar Co., Anderson, Ind.
Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
See adv index at end of book
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Detroit Edge Tool Works, Woodbridge & McDougall, Detroit, Mich.
Dilts Machine Works (Inc.), Fulton, N. Y.
Dowd R. J. Knife Works, Beloit, Wis.
Dunn Edge Tool Co. ("Clipper"), Oakland, Me.
Hankey A. & Co., Rochdale, Mass.
Holyoke Bar Co., Holyoke, Mass.
Ohio Knife Co. (The), Cincinnati, O.
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Taylor, Stiles & Co., Riegelsville, N. J.
Worden Tool Co., 1854 Scranton rd, Cleveland, O.

7025— *Knives (Rand)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

7026-7— Knives (Rattan)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Taylor, Stiles & Co., Riegelsville, N. J.

7028— Knives (Roll Scraper)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Detroit Edge Tool Works, Woodbridge & McDougall, Detroit, Mich.
Turner Tanning Machinery Co. ("Turner"), Peabody, Mass.

Knives (Root)

See Knives, Hedge & Root

7029— Knives (Rotary)

Glogau & Co., Dickey bldg., Chicago, Ill.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Tinker F. & Sons Co., 5687 Butler, Pittsburgh, Pa.

7030— Knives (Rubber)

American Cutlery Co., 764 Mather, Chicago, Ill.
Disston Hy. & Sons, Tacony, Phila., Pa.
Glogau & Co., Dickey bldg., Chicago, Ill.
Hyde Mfg. Co., Southbridge, Mass.
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.
Murphy's R. Sons Co. ("R. Murphy's"), Ayer, Mass.
Parkhurst L. D., Danielson, Conn.
Richard Stephen Co. ("S. R."), Southbridge, Mass.
Tuck Mfg. Co. (For Heavy Electrical Rubber Goods), Brockton, Mass.

7031— Knives (Salmon)

Barr Bros. Co. (Hand Made), Oakland, Cal.

7032— Knives (Sardine)

International Silver Co., Meriden, Conn.
Osborne C. S. & Co., Harrison, N. J.

7033— Knives (Scallop)

Graef & Schmidt (Imported), 107 Chambers, New York
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.

7034— Knives (Scarfer)

COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book

7035— Knives (Scraper)

American Cutlery Co., 764 Mather, Chicago, Ill.
American Knife Co., Baldwinsville, N. Y.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Knickerbocker Mfg. Co., Belleville, N. J.
Landers, Frary & Clark, New Britain, Conn.
Northampton Cutlery Co., Northampton, Mass.
Russell John Cutlery Co., Turners Falls, Mass.
Sheffield Works Inc., 86 Warren, New York *See adv index at end of book*
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

7036—Knives (Shear Cutter)

American Knife Co., Baldwinsville, N. Y.
Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
Glogau & Co., Dickey bldg., Chicago, Ill.
Hankey A. & Co., Rochdale, Mass.
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Tinker F & Sons Co., 5687 Butler, Pittsburgh, Pa.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

7037— Knives (Shingle)

Atkins E. C. & Co., Indianapolis, Ind.
Barnett Oscar Foundry Co., Irvington, N. J.
Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
See adv index at end of book
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Dilts Machine Works (Inc.), Fulton, N. Y.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Ohio Tool Co., Charleston, W. Va.
Simonds A. A. & Son Co., Dayton, O.
Taylor, Stiles & Co., Riegelsville, N. J.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

7038— Knives (Shoe)

American Cutlery Co., 764 Mather, Chicago, Ill.
Bailey G. W. Co. (Amazeen), Brockton, Mass.
Brooks John Co. (Amazeen), Brockton, Mass.
Christensen H. M. Co., Brockton, Mass.
Emrich Phil., 824 Main, Cincinnati, O.
Glogau & Co., Dickey bldg., Chicago, Ill.
Harrington Cutlery Co. ("Dexter"), Southbridge, Mass.
Hyde Mfg. Co., Southbridge, Mass
Landers, Frary & Clark, New Britain, Conn.
Lothrop H. A. & Co. ("J. Ames," "J. Sanger"), Sharon, Mass.
Meriden Cutlery Co., Meriden, Conn.
Murphy's R. Sons Co. ("R. Murphy's"), Ayer, Mass.
Ontario Knife Co., Franklinville, N. Y.
Richard Stephen Co. ("S. R."), Southbridge, Mass.
Snell & Atherton, Brockton, Mass.
Standard Shoe Machinery Co., Lawrence, Mass.
Tuck Mfg. Co. ("S. V. Tuck," "T. M. Co." "Black Diamond"), Brockton, Mass.
United Shoe Machinery Co., 205 Lincoln, Boston, Mass.
White Ira F. & Son Co., Bloomfield, N. J.

7039— Knives (Shredder)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Glogau & Co., Dickey bldg., Chicago, Ill.
Henry & Allen, Auburn, N. Y.
Mitts & Merrill, Saginaw, Mich.

7040— Knives (Skiver)

Brooks John Co., Brockton, Mass.
COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book
Perkins Chas. P., Brockton, Mass.

7041—*Knives (Slaw & Vegetable)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

7042—Knives (Solid Steel Shear)

CLEVELAND KNIFE & FORGE CO., 1960 W 114th, Cleveland, O.
See adv index at end of book
Glogau & Co., Dickey bldg., Chicago, Ill.
Heppenstall Forge & Knife Co., 47th & Hatfield, Pittsburgh, Pa.
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
Tinker F. & Sons Co., 5687 Butler, Pittsburgh, Pa.

7043—*Knives (Spiral, Of All Classes)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

7044—*Knives (Spiral Tenon)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

7045— *Knives (Splitter)

Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, O.
See adv index at end of book
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

7046— Knives (Spoke Lathe)

Atkins E. C. & Co., Indianapolis, Ind.
Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
See adv index at end of book
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Dilts Machine Works (Inc.), Fulton, N. Y.
Disston Henry & Sons, Tacony, Phila., Pa.
Dowd R. J. Knife Works, Beloit, Wis.
Hankey A. & Co., Rochdale, Mass.
Simonds A. A. & Son Co., Dayton, O.

Knives (Sportsmen's)

See Knives & Dirks, Hunting

7047— Knives (Stave Cutter)

American Knife Co., Baldwinsville, N. Y.
Anderson Knife & Bar Co., Anderson, Ind.
Atkins E. C. & Co., Indianapolis, Ind.
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, O.
See adv index at end of book
COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book
Dilts Machine Works (Inc.), Fulton, N. Y.
Disston Henry & Sons, Tacony, Phila., Pa.
Dowd R. J. Knife Works, Beloit, Wis.
Simonds A. A. & Son Co., Dayton, O.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.
Worden Tool Co., 1854 Scranton rd, Cleveland, O.

7048— *Knives (Stereotype)

Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, O.
See adv index at end of book
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

7049— Knives (Stop Cutter)

COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book
Dilts Machine Works (Inc.), Fulton, N. Y.
Dowd R. J. Knife Works, Beloit, Wis.
Sheffeld Works, Inc., 86 Warren, New York
See adv index at end of book
Taylor, Stiles & Co., Rieglesville, N. J.

Knives (Straw Cutter)

See Knives, Hay & Corn Cutter

7050-1— Knives (Striking)

American Clay Machinery Co., S Walnut, Bucyrus, O.
Atkins E. C. & Co., Indianapolis, Ind.

Knives (Table, Silver Plated)

See Silverware, Table

7052—*Knives (Tack Machine)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

7053—Knives (Tanners' Skiving)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Foster Bros & Chatillon Co., Fulton, N. Y.
Richard Stephen Co. ("S. R."), Southbridge, Mass.

7054—*Knives (Textile Shear)

COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book

7055— Knives (Tobacco)

American Cutlery Co., 764 Mather, Chicago, Ill.
American Knife Co., Baldwinsville, N. Y.
Anderson Knife & Bar Co., Anderson, Ind.
Atkins E. C. & Co., Indianapolis, Ind.
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, O.
See adv index at end of book
Clyde Cutlery Co. (Beech Handle), Clyde, Ohio
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Detroit Edge Tool Works, Woodbridge & McDougall, Detroit, Mich.
Dowd R. J. Knife Works, Beloit, Wis.
Glogau & Co. (Hand), Dickey bldg., Chicago, Ill.
Hankey A. & Co., Rochdale, Mass.
Lancaster Mach. & Knife Works, Lancaster, N. Y.
Landers, Frary & Clark (Hand), New Britain, Conn.
NICHOLS BROS. ("Nichols Bros.") Greenfield, Mass.
Northampton Cutlery Co. (Hand), Northampton, Mass.
Oldham Joshua & Sons, 112 26th, Brooklyn, N. Y.
Russell Jno. B. Knife Works ("Diamond Eagle"), Napanoch, N. Y.
Sheffeld Works, Inc., 86 Warren, New York
See adv index at end of book
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Tuck Mfg. Co. (Hand), Brockton, Mass.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

7056— Knives (Veneer)

Anderson Knife & Bar Co., Anderson, Ind.
Atkins E. C. & Co., Indianapolis, Ind.
Bailey & Blendinger Mfg. Co., Woburn, Mass.
CLEVELAND KNIFE & FORGE CO., 1960 W 114th, Chicago, Ill.
See adv index at end of book
Cocker Saw Mfg. Co., Lockport, N. Y.
Decker E. F. Saw Works, Albany, N. Y.
Detroit Edge Tool Works, Woodbridge & McDougall, Detroit, Mich.
Dilts Machine Works (Inc.), Fulton, N. Y.
Dowd R. J. Knife Works, Beloit, Wis.
Glogau & Co., Dickey bldg., Chicago, Ill.
Hankey A. & Co., Rochdale, Mass.
Huther Bros. Saw Mfg. Co., Rochester, N. Y.
See adv index at end of book
Lancaster Mach. & Knife Works, Lancaster, N. Y.
Loyd John Co., 124 Baxter, New York
Ohio Knife Co., Cincinnati, Ohio.
Oldham Joshua & Sons, 114 26th, Brooklyn, N. Y.
Sheffield Works, Inc., 86 Warren, New York. *See adv index at end of book*
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Taylor, Stiles & Co., Riegelsville, N. J.
White L. & I. J. Co., 120 Columbia, Buffalo, N Y
Worden Tool Co., 1854 Scranton rd, Cleveland, O.

7057— Knives (Weeding)

Glogau & Co., Dickey bldg., Chicago, Ill.
Knickerbocker Mfg. Co., Belleville, N. J.

7058—Knives (Wood Barking Machine)

Atkins E. C. & Co., Indianapolis, Ind.
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, O.
See adv index at end of book
Cocker Saw Mfg. Co., Lockport, N. Y.
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Dilts Machine Works, (Inc.) Fulton, N. Y.
Dowd R. J. Knife Works, Beloit, Wis.
Glogan & Co., Dickey bldg, Chicago, Ill.
Huther Bros. Saw Mfg. Co., Rochester, N. Y.
See adv index at end of book
Mitts & Merrill, 1939 S Water, Saginaw, Mich.
Simonds A. A. & Son Co., Dayton, O.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

Knives (Wood Flooring Machine)

See Knives, Wood Working Machine

7059— Knives (Wood Pulp)

Atkins E. C. & Co., Indianapolis, Ind.
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, O.
See adv index at end of book
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Dilts Machine Works, (Inc.) Fulton, N. Y.
Glogan & Co., Dickey bldg, Chicago, Ill.
Ohio Knife Co., Cincinnati, O.
Sheffeld Works, Inc., 86 Warren, New York
See adv index at end of book
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Trethewey Sam'l & Co., Ltd., 57th st, Pittsburgh, Pa.

Knives (Wood Surfacing Machine)

See Knives, Wood Working Machine

Knives (Wood Tenoning Machine)

See Knives, Wood Working Machine

7060—Knives (Wood Working Machine)

American Knife Co., Baldwinsville, N. Y.
Atkins E. C. & Co., Indianapolis, Ind.
Chicago Knife Works, 228 S Clinton, Chicago, Ill.
CLEVELAND KNIFE & FORGE CO., 1960 W. 114th, Cleveland, O.
See adv index at end of book
Cocker Saw Mfg. Co., Lockport, N. Y.
COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book
Decker F. W. Saw Works, Albany, N. Y.
Detroit Edge Tool Works, Woodbridge & McDougall, Detroit, Mich.
Dilts Machine Works, (Inc.) Fulton, N. Y.
Dowd R. J. Knife Works, Beloit, Wis.
Foster Bros. & Chatillon Co., Fulton, N. Y.
Foucart, J. E., Williamsport, Pa.
Gage E. E. Mfg. Co., Gardner, Mass.
Glogan & Co., Dickey bldg, Chicago, Ill.
Hankey A. & Co., Rochdale, Mass.
Henrikson Bernard T. & Co., 664 W Austin, Chicago, Ill.
Horne J. H. & Sons Co., Lawrence, Mass.
Huther Bros. Saw Mfg. Co. (Surfacing), Rochester, N. Y.
Mack & Co. ("D. R. Barton"), Rochester, New York
Ohio Knife Co., Cincinnati, Ohio.
Redin, Ekstrom & Co., Rockford, Ill.
Sheffield Works, Inc., 86 Warren, New York
See adv index at end of book
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Taylor, Stiles & Co., Riegelsville, N. J.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.
Worden Tool Co., 1854 Scranton rd, Cleveland, O.

7060a— *Knives (Wooden)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

7061—Knives & Cutters (Serrated)

Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Rotary File & Machine Co., 176 North Fourth, Brooklyn, N. Y.

7062—Knives & Dirks (Hunting)

American Cutlery Co., 764 Mather, Chicago, Ill.
Barr Bros. Co., (Hand Made), Oakland, Cal.
Cattaraugus Cutlery Co. ("King of the Woods"), Little Valley, N. Y.
Collins Co. (Bower), Collinsville, Conn.
Clyde Cutlery Co. Clyde, Ohio
Glogan & Co., Dickey bldg, Chicago, Ill.
Goodell Co., Antrim, N. H.
Graef & Schmidt ("Twin Brand"), 107 Chambers, New York
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.
Landers, Frary & Clark, New Britain, Conn.
Lothrop H. A. & Co. ("J. Ames," "J. Sanger"), Sharon, Mass.
Marble Arms & Mfg. Co. ("Sportsman's Camp, "Sportsman's Fish" and "Expert" and "Ideal" Hunting), Gladstone, Mich.
Meriden Cutlery Co., Meriden, Conn.
Miller Bros. Cutlery Co., Meriden, Conn.
NICHOLS BROS. ("Nichols Bros."), Greenfield, Mass.
Northfield Knife Co., Northfield, Conn.
Northampton Cutlery Co., Northampton, Mass.

Richard Stephen Co. ("S. R."), Southbridge, Mass.
Russell John Cutlery Co., Turners Falls, Mass.
Schatt & Morgan Cutlery Co., Titusville, Pa.
Wostenholme Geo. & Son ("I. X. L." Imp), 105 Chambers, New York

7063—Knives & Forks (Aluminum)

Standard Aluminum Co., Two Rivers, Wis.

7064—Knives & Forks (Tinned)

Benedict Mfg. Co., East Syracuse, N. Y.

7064a— Knobs (Adding Machine)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

7064b— Knobs (Base)

See also Door Bumpers; also Door Stops
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

7064c— Knobs (Bird Cage)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

7065— Knobs (Carpet)

Wilcox, Crittenden & Co. (Brass Heads, Wrought Nails; also Grommets), Middletown, Conn.

7066— Knobs (Carriage)

Brewer-Titchener Corp., The, Binghamton, N. Y.
Cowles C. & Co., New Haven, Conn.
Douglas & Lomason Co., Detroit, Mich.
Monarch Carriage Goods Co., Cincinnati, Ohio
Woodruff W. W. & Sons Co., Mt. Carmel, Conn.

7066a— *Knobs (Closet)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

7066b— *Knobs (Cover)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

7066c— *Knobs (Door)

See also Door Knobs, Various Kinds; **also Classifications Following.**
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

7067—Knobs (Drawer & Shutter)

Berbecker & Rowland Mfg. Co., Waterville, Conn.
Brainerd Mfg. Co. (also Cupboard), East Rochester, N. Y.
Corbin P. & F. New Britain, Conn.
Dent Hardware Co., Fullerton, Pa.
ESTES E. B. & SONS, 364 5th av, New York. *See adv index at end of book*
Grammes L. F. & Sons (Brass), Allentown, Pa. *See adv index at end of book*
Grand Rapids Brass Co. (Drawer Only), Grand Rapids, Mich.
Ives H. B. Co., New Haven, Conn.
Payson Mfg. Co. (Drawer), 2918 W Jackson blvd, Chicago, Ill.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Stephenson Mfg. Co., South Bend, Ind.
Taylor & Boggis Foundry Co., Cleveland, O.
Yale & Towne Mfg. Co., 9 E 40th, N. Y.

7067a— *Knobs (Enameled)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

7067b— *Knobs (Furniture)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

7068—Knobs (Glass, Door, Drawer, Etc.)

Berbecker & Rowland Mfg. Co., Waterville, Conn.
Brainerd Mfg. Co., East Rochester, N. Y.
Chantrell Hardware & Tool Co., Reading, Pa.
Corbin P. & F., New Britain, Conn.
Duer John & Sons, 38 So Charles, Baltimore, Md.
Hall Wm. Co., Wollaston, Mass.
Graham & Berwin, 107 Lafayette, New York
New York Glass Knob Wks (Doors only), 79 E. 130th, New York
Penn Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn.
Weber-Knapp Co. (For Furniture and Phonographs), Jamestown, N. Y.

7069— Knobs (Grommet)

Berbecker & Rowland Mfg. Co., Waterville, Conn.

7069a— *Knobs (Kettle)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

7070— *Knobs (Organ Stop)

ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*

7071— *Knobs (Plane)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

7072—Knobs (Pot Cover Repair)

Cassady Fairbank Mfg. Co. (Wood Handle, Enameled Black), 6126 S La Salle, Chicago, Ill.
Ellis Mfg. Co., Milldale, Conn.
ESTES E. B. & SONS ("Handy"), 364 5th av, New York
See adv index at end of book
Graham & Berwin ("Indian Head", "Grawin," "Ideal," "Yankee"), 107 Lafayette, New York
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

7073— Knobs (Push Button)

Stephenson Mfg. Co., South Bend, Ind.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

7074— Knobs (Screen)

Berbecker & Rowland Mfg. Co., Waterville, Conn.

7075— Knobs (Stove Door)

Fanner Mfg. Co. (Spun Steel), Cleveland, Ohio
Lynd L. E. Mfg. Co. ("Zero"), Mechanicsville, N. Y.
New York Nickel Plating & Mfg. Co., 327 E 63d, New York
Stover Mfg. Co. ("Ideal," Nickel Plated wire, etc), Freeport, Ill.
Troy Nickel Works, Albany, New York
Wehrle Co., Newark, Ohio

7076—Knobs (Wooden, Door, Drawer, Etc.)

Allen Chas. I (Furniture), Pequabuck, Conn.
Aluminum Ware Mfg. Co., Inc., Elmira, N. Y.
Bogert & Hopper (Base, Bird Cage, Closet Door, Drawer, Cover, etc), 67 Barclay, New York
Chantrell Hardware & Tool Co., Reading, Pa.

Established 1847
E. B. ESTES & SONS
Manufacturers of
TURNED WOOD KNOBS, Plain, Polished, Enameled
Repair Knobs, Furniture Knobs, Plane Knobs, etc. Base Knobs a Specialty
364 5th Ave. New York City

Frary Mfg. Co., Charlemont, Mass.

7076a—Knobs (Wooden Drawer)

Estes E. B. & Sons, (Chest, Enameled, Desk, Adding Machines, Bird Cage, Closet, Furniture, Kettle, Plain, Plane, Door), 364 5th av, New York
See adv index at end of book

Mossman Jerome Estate (Organ, Rattan Chair, Go-Carts, etc.), Fitchburg, Mass.
National Lock Co. (For Furniture, etc.) Rockford, Ill.
Novelty Turning Co., Norway, Me.
Piqua Handle & Mfg. Co. (Also "Bardsley" Lines), P. O. Box 307, Piqua, O.
Rowe Henry Mfg. Co., Newaygo, Mich.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass.
See adv index at end of book
Stephenson Mfg. Co. (Furniture, etc, Wholesale Mfrs), South Bend, Ind.
Stratton Mfg. Co., Stratton, Me.
Strock L. W. & Co., Bethlehem, Pa.
Weber-Knapp Co. (For Furniture & Phonographs), Jamestown, N. Y.

7077— Knockers (Door)

Champion Hardware Co., Geneva, O.
Corbin P. & F., New Britain, Conn.
Hall Wm. Co., Wollaston, Mass.
Highton Wm. & Sons Co., Nashua, N. H.
Hubley Mfg. Co. (Fancy), Lancaster, Pa.
Janusch Mfg. Co., 496 E 13th, New York
Pacific Hardware Mfg. Co., Los Angeles, Cal.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Rostand Mfg. Co. ("Rostand," also miniature for Guest Room), Milford, Conn.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Taylor & Boggis Foundry Co., Cleveland, Ohio.
Yale & Towne Mfg. Co., 9 E 40th, New York

7078— Knuckles (Steel)

American Steel Foundries (Open Hearth), McCormick bldg, Chicago, Ill.
Buckeye Steel Castings Co., (Cast Steel) Columbus, O.
Chester Steel Casting Co., Chester, Pa.
Gould Coupler Co., 30 E 42nd, New York
National Car Coupler Co. ("Hinson Emergency"), 332 S Michigan av, Chicago, Ill.
National Steel Casting Co., Montpelier, Ind.

7079— Knuckles (Steering)

Irvington Mfg. Co. (Drop Forged), Irvington, N. J.
Smith A. O. Co. (Drop Forged), Milwaukee, Wis.
Western Drop Forge Co. (Drop Forged), P. O. Box 386, Marion, Ind.

7080— Knurl Sets

Braunsdorf-Mueller Co., Elizabeth, N. J.

7081— Knurls

Braunsdorf-Mueller Co., Elizabeth, N. J.
Cincinnati Screw Co. (Wrench), Twightwee, O.
Welch T. F. Co., 55 Sudbury, Boston, Mass.
Williams J. H. & Co. ("Agrippa"), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

7082— Kominuters

Smidth F. L. & Co., 50 Church, New York

7083— Krushite

Frenier & Son (For Sawing Stone), Rutland, Vt.

7084— Kryolith

Chrystal Charles B. (Imp), 13 Cliff, New York. *See adv index at end of book*

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Penna. Salt Mfg. Co. (Sole Importers of Greenland), Widener bldg, Philadelphia, Pa.

KRYOLITH—continued
Roessler & Hasslacher Chemical Co., 100 William, New York
Sundheimer Henry (Artificial), 35 Nassau, New York
Vitro Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Wiarda John C. & Co. (Jobbers), 273 Green, Brooklyn, N. Y.

7085— Label Mfrs.

American Label Co., 216 W 18th, New York
American Label Mfg. Co., Cross & Covington, Baltimore, Md.
Arnold's J. H, Son (Embossed Metal), 47 Fulton, New York
Braithwaite C. W. Co. (Paint Mfrs., etc.), 300 S Racine av, Chicago, Ill.
Carrington Geo. S. Co., 2340 W Van Buren, Chicago, Ill.
Chicago Label & Box Co., 312 N May, Chicago, Ill.
Chicago Tape & Label Co. (Linen), 521 N Spaulding av, Chicago, Ill.
Collins H. L. Co. (Canner's, etc.), Myrtle & Wabash, St. Paul, Minn.
Dennison Mfg. Co., 26 Franklin, Boston, Mass.
Dickey-Grabler Works (Metal for all Purposes), 118 Noble ct, Cleveland, O.
Gail Robt. Co., 50 Washington, Brooklyn, N. Y.
Gugler Lithographic Co. (Lithographed, etc.), 696 Broadway, Milwaukee, Wis.
Jarden Lithographing Co. (Lithographed Stock Labels), 310 N 11th, Phila., Pa.
Kittredge R. J. & Co., 812 W Superior, Chicago, Ill.
Maryland Color Printing Co., Holliday & Hillen, Baltimore, Md.
Milwaukee Gummed Label & Seal Co., Milwaukee, Wis.
See adv index at end of book
Mott Wallace A. (Plain & Printed), Norwalk, Conn.
Oval & Koster (Lithographed, etc), Indianapolis, Ind.
Perfection Mfg. Co. (Florist's), Jefferson W, River Range, Detroit, Mich.
Ryan J. D. Co. (Lithographed), 735 Central av, Cleveland, O.
St. Louis Label Works (Druggists), 925 N 11th, St. Louis, Mo.
Scharf Tag & Label Co. (Gum), Ypsilanti, Mich.
Simpson & Doeller Co., 2800 Preston, Baltimore, Md.
Stewart & Co. ("Simplex" Celluloid Plant, etc.), 24 B'way, New York
U. S. Printing & Lithograph Co., Robertson av & Beech Norwood, Cincinnati, O.
Woodbury Label Co. (Druggists'), Woodstock, Vt.
Woodward-Tiernan Printing Co., 309 N 3d, St. Louis, Mo.

7086— Labels (Canners')

American Label Co., 216 W 18th, New York
American Label Mfg. Co., Cross & Covington, Baltimore, Md.
Collins H. L. Co., Myrtle & Wabash, St. Paul, Minn.
Gair Robt. Co., 50 Washington, Brooklyn, N. Y.
Kittredge R. J. & Co., 812 W Superior, Chicago, Ill.
Maryland Color Printing Co., Holliday & Hillen, Baltimore, Md.
Oval & Koster, Indianapolis, Ind.
Simpson & Doeller Co., 2800 Preston, Baltimore, Md.
U. S. Printing & Lithograph Co., Robertson av & Beech Norwood, Cincinnati, O.
Woodward-Tiernan Printing Co., 309 N 3d, St. Louis, Mo.

7087— *Labels (Florists & Nurserymen's)

Estes E. B. & Sons (Wooden), 364 5th av, New York *See adv index at end of book*

7088— Labels (Gummed)

Anderson W. J. & Co., 341 B'way, New York
Eastern Pin Ticket & Tag Co. (On the Roll), Perkasie, Pa.
Eisler Anthony & Co., 227 Canal, New York
Eureka Spec. Printing Co., Scranton, Pa.
Fenton Label Co., 9th & Thompson, Philadelphia, Pa.
Manhattan Roll Label Co. (In Rolls), 31 Beekman, New York
McCourt Label Cabinet Co., Bradford, Pa.
National Binding Machine Co., 260 West, New York
Salisbury Mfg. Co., 14 Leather av, Providence, R. I.
Standard Publishing Co., Vineland, N. J.
St. Louis Sticker Co., St. Louis, Mo.
Tablet & Ticket Co., 624 W Adams, Chicago, Ill.
Thomas Stationery Mfg. Co., Springfield, O.

7088a—*Labels (Plant & Tree, Wood)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

7089-90—Labels (Underwear

Clark R. S. & Son, Cohoes, N. Y.
Woodward-Tierman Printing Co., 309 N Third, St. Louis, Mo.

7090— *Labels (Wood)

Kirschbraun Lester (Pavement Materials), 150 N 5th av, Chicago, Ill.

7091— Labels (Woven)

Alkahn Silk Label Co., 116 W 32d, New York
American Silk Label Mfg. Co. (Silk), 22 E 17th, New York
Buffalo Woven Label Works (Silk & Cotton), 565 Washington, Buffalo, N. Y.
Cash J. & J. Ltd. (Silk & Cotton), South Norwalk, Conn.
Empire State Silk Label Co. (Silk & Cotton), 218 Tyler, West New Brighton, N. Y.
Freeman Leon (Cotton), 404 S Wells, Chicago, Ill.
German Artistic Weaving Co. (Silk), 141 W. 36th, New York
Hamilton Web Co. (Jacquard Name Straps for Boots & Shoes), Hamilton, R. I.
Hercules Mfg. Co. (Silk), Midvale, N. J.
Kluge E. H. Weaving Co. (Cotton & Silk), 33 W 34th, New York
Loth Joseph & Co. (Silk), Norwalk, Conn.
N. Y. Woven Label Mfg. Co. (Silk), 1204 B'way, New York
Reis G. & Bro. (Cotton & Silk), 900 B'way, New York
Star Ribbon Mfg. Co. (Silk), 456 4th av, New York
U. S. Woven Label Co. (Cotton), 324 Lafayette, New York
Universal Label Weaving Co. (Silk), Paterson, N. J.
Warner Mfg. Co. (Silk), Paterson, N. J.

7092—Laboratories (Chemical & Physical)

See also Laboratories, Testing

Crowell & Murray, Perry-Payne bldg, Cleveland, O.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book

7093—Laboratories (Testing)

Allentown Testing Laboratory (Cement, etc), Allentown, Pa.
American Bureau of Inspections & Tests, Monadnock blk, Chicago, Ill.
Am. Incandescent Heat Co. (Physical & Chemical), 60 Post Office sq, Boston, Mass.
Armour Institute of Technology, 3300 Federal, Chicago, Ill.
Begardus C. E., Seattle, Wash.
Booth, Garrett & Blair (Cement Plants a Specialty), 404 Locust, Phila., Pa.
California Ore Testing Co., 630 Sacramento, San Francisco, Cal.
Cornell University, Ithaca, N. Y.
Detroit Testing Laboratory (Iron, Steel, etc.) 674 Woodward, Detroit, Mich.
Eastern Testing Laboratories (Specialty Cement), Allentown, Pa.
Electrical Testing Co., Peoria, Ill.
Electrical Testing Laboratories (General Testing & Inspecting), 80th & East End av, New York
Falkenburg & Laucks, Seattle, Wash.
Fitzgerald Laboratories (Electric Furnace Practice), Niagara Falls, N. Y.
Froehling & Robertson, Real Estate bldg, Richmond, Va.
Harris Laboratory, Inc. (Rubber), 26 Cortlandt, New York
Gascoyne & Co., 27 S Gay, Baltimore, Md.
Gulick-Henderson Co. (Physical & Chemical), 525 3rd av, Pittsburgh; 21 Park Row, New York, & Chicago
Heinrich Technical Laboratories, Tacoma, Wash.
Hildreth & Co., 15 Broad, New York
Hunt Robert W. & Co., 175 W Jackson blvd, Chicago, Ill.
Howard J. W. (Pavements), 1 Broadway, New York
Kansas City Testing Laboratory, Kansas City, Mo.
Lathbury B. B. (Cement), Franklin Bank bldg, Philadelphia, Pa.
Lehigh Valley Testing Laboratory (Cement), Allentown, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Modjeski & Angier, 220 S Michigan av, Chicago, Ill.
National Elec'l Laboratories, 107 Front, New York
Pacific Coast Testing Laboratory, Seattle, Wash.
Penniman & Browne, 215 E Fayette, Baltimore, Md.
Pittsburgh Testing Laboratory, 7th & Bedford, Pittsburgh, Pa.
St. Louis Sampling & Testing Works (Ores, Fuels, etc), 713 Clark av, St. Louis, Mo.
Smith, Emery & Co., 651 Howard, San Francisco, Cal.
Souther Henry Engng. Corp., 111 Laurel, Hartford, Conn.
See adv index at end of book

THE HENRY SOUTHER ENGINEERING CO.
111 Laurel Street, Hartford, Conn.
LABORATORIES—Chemical, Physical, Microscopical, Sanitary, Bacteriological

Spackman Henry S. Engineering Co. (Cement, etc), 2024 Arch, Phila., Pa.
Stupakaff Laboratories, 6639 Hamilton av, Pittsburgh, Pa.
Underwriters' Laboratories, 207 E Ohio, Chicago, Ill.
Wiedemann H. E., Chemical bldg, St. Louis, Mo.
Wire Inspection Bureau, 13 Park Row, New York

7094—Laboratory Apparatus & Supplies

Alberene Stone Co. (Soapstone), 223 E 23d, New York
Baker F. M. Apparatus Co. (Dlrs), Syracuse, N. Y.
Bausch & Lomb Optical Co. (& Glassware), Rochester, N. Y.
Braun Corporation, Los Angeles, Cal.
Braun-Knecht-Heimann Co., 576 Mission, San Francisco, Cal.
Buffalo Dental Mfg. Co., Buffalo, N. Y.
Chicago Apparatus Co. (For Schools, etc), 32 S Clinton, Chicago, Ill.
Columbia School Supply Co. (For Schools, etc), Indianapolis, Ind.
Daigger A. & Co., 54 W Kinzie, Chicago, Ill.
Eimer & Amend, 205 3d av, New York

ELYRIA ENAMELED PRODUCTS CO. (Glass Enameled), Elyria, O.
See adv index at end of book
Euclid Stone & Brick Co. (Stone Table Taps), Cleveland, O.
Gaertner Wm. & Co., 5349 Lake Park av, Chicago, Ill.
Gray Peter & Sons (Inc.) (Bacteriological), 286 Third, East Cambridge, Mass.
Greiner Emil Co., 55 Fulton, New York
Greiner Gottlieb (Glass), 81 John, New York
Heil Henry Chemical Co., St. Louis, Mo.
Holz Herman A., 2 Madison av, New York
See adv index at end of book

APPARATUS FOR METALLURGICAL RESEARCH WORK
Write for Information
HERMAN A. HOLZ
2 Madison Ave., New York

Howard & Morse (Sieve Agitators, Vicat Needles, Penetrometers & Testing Sieve, etc), 46 Fulton, New York
International Instrument Co., Cambridge, Mass.
Jeffery-Dewitt Co., Butler av. & Grand Trunk Ry., Detroit, Mich.
Knott L. E. Apparatus Co., 79 Amherst, Cambridge, Mass.
Leeds & Northrup Co., Stenton av. Gtn., Philadelphia, Pa.
Lenz Apparatus Co., 9 E 16th, New York
Morgan Spring Co. (Clamps), Worcester, Mass. *See adv index at end of book*
Norton Co. (Electric Furnace Parts, Refactory Wire), Worcester, Mass.
Ohio Pottery Co. ("Ohio" Laboratory Porcelain), Zanesville, O.
See adv index at end of book
Peterson Leonard & Co. (Furniture Only), 1234 Fullerton av, Chicago, Ill.
Sargent E. H. & Co. (Especially for Sugar Factories), 125 W Lake, Chicago, Ill.
Schaar & Co., 1025 So State, Chicago, Ill.
Scientific Materials Co., 717 Forbes, Pittsburgh, Pa.
Standard Glass Specialty Co. (Glass), Morgantown, W. Va.
Thermal Syndicate (Ltd.) ("Vitreosil" Pure Fused Silica, Combustion, Tubes, Crucibles, Evaporating, Dishes, Tubing, Capsules, Muffies, etc), 50 E 41st, New York
Thomas Arthur H. Co., W Washington sq, Philadelphia, Pa.
See adv index at end of book
University Apparatus Co., Berkeley, Cal.

7094a— *Laboratory Porcelain

Ohio Pottery Co. ("Ohio"), Zanesville, O.
See adv index at end of book

7095—Laboratory Wood Work

Federal Equipment Co., Carlisle, Pa.
Grand Rapids Hand Screw Co. (Special Work), Grand Rapids, Mich.
Kewaunee Mfg. Co., Kewaunee, Wis.
Leonard, Peterson & Co., 1234 Fullerton, Chicago, Ill.

7096— Lace (Coach)

Bridgeport Coach Lace Co., Bridgeport, Conn.
Horstmann Wm. H. Co., 5th & Cherry, Philadelphia, Pa.
Schlegel Mfg. Co., Rochester, N. Y.
Vogt Mfg. & Coach Lace Co., Rochester, N. Y.

7069a— Lace (Leather)

See also Belt Leather
Graton & Knight Mfg. Co., 247 Mission, San Francisco, Cal.
See adv index at end of book

7097— Laces (Corset)

Ansonia O. & C. Co., Ansonia, Conn.
Colton Geo. S. Elastic Web Co. (Elastic), Easthampton, Mass.
Dawson Albert, Pawtucket, R. I.
Diamond Braiding Mills, Chicago Heights, Ill.
Hewitt White Co., Paterson, N. J.
Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
International Braid Co., 47 Charles, Providence, R. I.
Joslin Mfg. Co., 610 Manton av, Providence, R. I.
La Porte Braiding Mills Co., La Porte, Ind.
Mitchell Mfg. Co. (Silk, Mohair, Cotton & Mercerized), Portsmouth, O.
Narrow Fabric Co. (Cotton & Silk) Reading, Pa.

7098— Laces (Shoe)

Ansonia O. & C. Co., Ansonia, Conn.
Atlantic Tubing Co., 1756 Cranston, Providence, R. I.
Blackstone Braid Co., Central Falls, R. I.
Colonial Braid Co., So. Attleboro, Mass.
Diamond Braiding Mills, Chicago Heights, Ill.
Dudley D. T. & Co., Haverhill, Mass.
Elmwood Mills, Daboll, Providence, R. I.
Glencairn Mfg. Co. (Silk), Pawtucket, R. I.
Hewitt-White Co., Paterson, N. J.
International Braid Co., 47 Charles, Providence, R. I.
Joslin Mfg. Co., 610 Manton av, Providence, R. I.
Kenyon J. J. Mfg. Co., Pawtucket, R. I.
La Porte Braiding Mills Co, La Porte, Ind.
Mitchell Mfg. Co. (Silk, Mohair, Cotton & Mercerized), Portsmouth, O.
Narrow Fabric Co. (Cotton & Silk), Reading, Pa.
Pawtucket Braided Line Co., Pawtucket, R. I.
Phenix Laces Mills, Phenix, R. I.
Rockland-Webbing Co., Rockland, Mass.
Small Bros., Fall River, Mass.
Standard Braid Co., Attleboro Falls, Mass.
Whitcher F. W. Co., 14 Albany, Boston, Mass.

7098a—*Lacing (Automobile Hood)

EMPIRE WEAVING & BELTING CORP., East Rochester, N. Y.
See adv index at end of book

7099— Lacquer Mfrs.

Acme White Lead & Color Works, Detroit, Mich.
American Chemical & Mfg. Co., 617 Monticello av, Norfolk, Va.
American Lacquer Co., Bridgeport, Conn.
Ault & Wiborg Co., Cincinnati, O.
Barrett M. L. & Co. ("Spirit"), 233 W Lake, Chicago, Ill.
California Paint Co., Oakland, Cal.
Celluloid Zapon Co. ("Zapon" Jet Black), 200 5th av, New York
Chase, Roberts & Co., West av, Long Island City, N. Y.
Chemical Products Co. ("Selestron" Non-Flame), 93 Broad, Boston, Mass.
Chesapeake Oil Co., Stockholm & Peach Alley, Baltimore, Md.
Chicago Wood Finishing Co., 1309 Sloan, Chicago, Ill.
Cooper Chas. & Co., 194 Worth, New York
Day James B. & Co., 214 W Ohio, Chicago, Ill.
Durlacque Mfg. Co., 2322 Olive, St. Louis, Mo.
Egyptian Lacquer Mfg. Co., Rahway, N. J.
Ernecke & Salmstein Co., 1509 N Halsted, Chicago, Ill.
Essex Varnish Co., 84 Vesey, Newark, N. J.
Feigel M. & Bro. (Importers), 185 Wooster, New York
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
General Bakelite Co. ("Bakelite") 2 Rector, New York
Glidden Varnish Co., 1755 W Madison, Cleveland, O.
Hommel O. Co., Hope & Maple, Pittsburgh, Pa.
Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.
Kalbfleisch Corp., 31 Union sq, New York
Lacquer-All Co., 86 Jefferson, Detroit, Mich.
Lucas Jno. & Co., 322 Race, Phila., Pa.
Maas & Waldstein Co., 92 William, New York
Maier's John G. Sons ("Maier's Silver for Cans), 153 N Gay, Baltimore, Md.
Masury Jno. W. & Son (Colored), 50 Jay, Brooklyn, N. Y.
Moller & Schumann Co., Marcy av, Brooklyn, N. Y.
Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 W Kashington, Chicago, Ill.
See adv index at end of book
Nikolas G. J. & Co. ("Nikolas"), 1227 W Van Buren, Chicago, Ill.
Nubian Paint & Varnish Co. ("Ebonite"), 1856 Leclaire av, Chicago, Ill.
O'Brien Varnish Co. (Flat Back), South Bend, Ind.
Schlegel Oscar Mfg. Co., 111 E 12th, New York
Standard Varnish Works, 2589 Richmond, Elm Park, N. Y.
Thurston F. W. Co., 1832 S Clark, Chicago, Ill.
Toch Bros., 320 5th av, New York
Wright Chemical Co., 38 Park Row, New York

7100—Lacquering for the Trade

Arnold N. B. (Metal), Sigrny., B'klyn, N. Y.
Barlow Co., Holyoke, Mass.
Canister Co. of New Jersey (Tin Lacquering Only), Phillipsburg, N. J.
Excelsior Nickel Plating Works, 40 Clifford, Providence, R. I.
Franche C. E. & Co. (Metal), 440 Orleans, Chicago, Ill.
Grammes L. F. & Sons (On Brass Work), Allentown, Pa.
See adv index at end of book
Grosback Wm. & Co., 37 Maspeth av, Brooklyn, N. Y.
Hanson & Van Winkle Co. (Metal), 269 Oliver, Newark, N. J.
Howard Jas. L. & Co. (Brass), Hartford, Conn.
Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.
Kalamazoo Plating Works, Kalamazoo, Mich.
National Mfg. & Electro Plating Co., 16 Calender, Providence, R. I.
Oriental Varnish Wks. (Metal), 979 Franklin av, B'klyn, N. Y.
Roesch Bros. Plating Works, Belleville, Ill.
Zinsser W. & Co., 195 William, New York

7101— Lacquers (Anti Rust)

Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.

7102—Lacquers (Armature)

Sterling Varnish Co., Fulton bldg, Pittsburgh, Pa.

7103— Lacquers (Canners')

California Paint Co., Okland, Cal.
Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.
Maier's John G. Sons, 153 N Gay, Baltimore, Md.

7104— *Lacquers (Metal)

Celluloid Japan Co. ("Zapan"), 200 5th av, New York
Hercules Powder Co. (Also Shell), Wilmington, Del.
See adv index at end of book
Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.

7104a—*Lacquers (Pyroxylin, Wood & Metal)

DU PONT CHEMICAL WKS. ("Pyralin"), 120 B'way, New York

7105— La Cross-Gut

Ashland Mfg. Co., W 43d & S Hermitage av, Chicago, Ill.

7106— Lac Sulphur

Hillier's R. Son Co. (Imp.), 100 William, New York

7107— Lactate of Tin

Avery Chemical Co., 88 Broad, Boston, Mass.

7108-9— Lactometers

Tagliahue Chas. J. Mfg. Co., 18 33rd, Brooklyn, N. Y.

7110—Ladder Rounds (Miner's)

Ransome-Leach Co., 115 B'way, New York
Sandusky Tool Co., Sandusky, O.

7111— Ladders

Acme Mfg. Co., 1806 East, Pittsburgh, Pa.
American Sash & Door Co., Kansas City, Mo.
Ashboro Wheelborrow Co. ("Step"), Ashboro, N. C.
Austell Swing & Ladder Co., Austell, Ga.
Babcock W. W. Co., Bath, N. Y.
Bacon & Co. ("Niagara" Extension, Single & Step Ladders), Gasport, N. Y.
Bent Rung Ladder & Mfg. Co. (Step, Extension, Sectional, etc), Indiana, Pa.
Berg Jno. & Bro. (Step, Extension), 5001 5th av, Chicago, Ill.
Berger, Leander D., 59 N 2d, Phila., Pa.
Bicycle Step Ladder Co. (Step, Model, Six Auto-Ladders), 6 W Randolph, Chicago, Ill.
Bishop Ladder Co., Hartford, Conn.
Brown Jno. K. & Co., 181 3d av, Brooklyn, N. Y.
Bushnell Tank Works (Plain Step & Extension), Bushnell, Ill.
Canton Ladder Co. (Extension), Canton, Ohio
Chesbro, Whitman Co., 1167 1st av, New York
Clark J. R. & Co. (Step & Extension), 2nd av N & Aldrich Minneapolis, Minn.
Coldwater Ladder Co., Coldwater, Mich.
Columbus Brass Co. (Plunge for Gymnasium), 538 Dublin av., Columbus, O.
See adv index at end of book
Combination Ladder Co. (Extension), 366 Fountain, Providence, R. I.
Consolidated Pump Co., Toledo, O.
Corbett & Co., 429 E 109th. New York
Crain Pump & Lumber Co., 623 Arch, Phila., Pa.
Crowe J. N., Salem, Mass.
Cupples Sam'l Woodenware Co., 7th & Spruce, St. Louis, Mo.
Curtis Bros. & Co., Clinton, Ia.
Davenport Ladder Co. (Extension Step, Fruit Pickers Trestle Combination, Painters, Scaffold, etc), Davenport, Ia.
Davis John B., Clinton, Me.
Dillingham Mfg. Co., Sheboygan, Wis.
Elliott E. A., Rumney, N. H.
Fellows & Co., 234 Friend, Boston, Mass.
Fisk Mfg. Co., Churubusco, Ind.
Flint A. W. & Co., New Haven, Conn.
Four-in-one-ladder Mfg. Co. ("Mishawakee," "Non-Tip," "Sure-Step," "Anti-Fall"), Mishawaka, Ind.
Fox Geo. S. (Step, Extension, Painters, etc), 137 N 6th, Phila., Pa.
Frizell Ladder Co. ("Dorchester" Extension & "Fairy," "Giant," "Climax" Step, etc), 135 Granite av, Boston, Mass.
Glidden W. L., 1035 Atlantic av, Brooklyn, N. Y.
Goshen Churn & Ladder Co. ("Famous"), Goshen, Ind.
Goshen Mfg. Co. (Step), Goshen, Ind.
Hale Geo. C., Kansas City, Mo.
Heider Mfg. Co. (Extension, Straight, etc), Carroll, Ia.
Holmquist & Co., W 35th & S Maplewood av, Chicago, Ill.
Imperial Brass Mfg. Co. (Swimming Pool Solid Brass Tube), 524 S Racine av, Chicago, Ill. *See adv index at end of book*
Krewson T. C., 801 Master, Phila., Pa.
Lansing Co., Lansing, Mich.
Los Angeles Ladder Co., Los Angeles, Cal.
Mace L. H. & Co 55 E 155th, New York
Mallory C. M., Albion, N. Y.
Michigan Ladder Co., Ypsilanti, Mich.
Moulton C. W. H. Co. (Extension, Folding, Self-Supporting, Section, Window Cleaning Step, Long Pole, etc), Somerville, Mass.
Moulton Ladder Co., York Corner, Me.
New Britain Machine Co. ("New Britain" Metallic, permanent), 190 Chestnut, New Britain, Conn.
Newton & Haggerty Ladder Co., Ann Arbor, Mich.
New York Ladder Co., 384 Hudson, New York
Noyes W. H. Co., 154 1st, Newark, N. J.
Palmer, Jarvis, Northville, Mich.
Paris Mfg. Co., So. Paris, Me.
Pease F. B. Co. (Extension, Step & Common Extension & Plain Trestles), Rochester, N. Y.
Peirce W. E. & Co., Milford, N. H.
Portland Extn. Ladder & Pole Co. ("Flying Yankee" Extension, for Railroads, Electric & Telegraph Companies), 130 Orange, Newark, N. J.
Potter Robert, Orwell, N. Y.
Powell Benj., Springfield, Mass.
Pratt Mfg. Co., Coldwater, Mich.
Reading Mfg. Co., Akron, Ohio
Reilley Bros. Ladder Co., 324 W 41st, New York
Rich Pump Co. (also Decorator's), South & Depot, Cincinnati, O.
Richter C. G. & Co., Spokane, Wash.
Safety Ladder Mfg. Co., Seattle, Wash.
Saginaw Ladder Co. (Ltd.), (Combined Step & Extension), Saginaw, Mich.
Schad Chas., 11 Jefferson, Brooklyn, N. Y.
Silo Specialty Mfg. Co. (Silo), Clinton, Iowa
Smith S. A. Mfg. Co. (Step), Brattleboro, Vt.
Spaulding Mfg. Co., Clinton, Me.
Specialty Mfg. Co., Titusville, Pa.
Steinfeld Bros., 116 W 32nd, New York
Superior Ladder Co. ("Monarch" Step, etc), Goshen, Ind.
Sweet Geo. W., Flint, Mich.
Tupper Jno. (All kinds), Lynn, Mass.
Tyler M. H. Co., Portland, Me.
Udell Works (Step & Extension), Indianapolis, Ind.
Union Blind & Ladder Co. ("Star" Step, Orchard & Extension), Oakland, Cal.
Van Buskirk John W., Lawrence, Mass.
Virginia Cedar Works, West Norfolk, Va.
Wheeler Geo., Norwich, New York
Whitehurst R. W. Mfg. Corp., Norfolk, Va.
Wilkinson Mfg. Co., Binghamton, N. Y.
Young Bros. Co. (Step & Common), Worcester, Mass.

Ladders (Chair)

See Chairs, Combination, Step Ladder

7112— Ladders (Extension)

Bacon & Co. ("Niagara"), Gasport, N. Y.
Bent Rung Ladder & Mfg. Co., Indiana, Pa.
Berg John & Bro., 5001 5th av, Chicago, Ill.
Berger Bros. Co. ("Perfection"), 229 Arch, Phila, Pa.
Canton Ladder Co., Canton, Ohio
Clark J. R. Co., 2nd av N & Aldrich, Minneapolis, Minn.
Combination Ladder Co., 366 Fountain, Providence, R. I.
Davenport Ladder Co., Davenport, Ia.
Fellows & Co., 234 Friend, Boston, Mass.
Flint A. W. & Co., New Haven, Conn.
Four-In-One-Ladder Mfg. Co., ("Four-in-One"), Mishawaka, Ind.
Fox Geo. S., 137 N 6th, Phila., Pa.
Frizell Ladder Co. ("Dorchester"), 135 Granite av, Boston, Mass.
Goshen Churn & Ladder Co., Goshen, Ind.
Hays Geo W., 228 5th, Milwaukee, Wis.
Heider Mfg. Co., Carroll, Ia.
Krewson T. C., 801 Master, Phila, Pa.
Moulton C. W. H. Co., Somerville, Mass.
Pease F. B. Co., Rochester, New York
Portland Extn. Ladder & Pole Co., 130 Orange, Newark, N. J.
Reilley Bros. Ladder Co., 324 W 41st, New York
Rich Pump Co. ("Ideal," "Sampson," "Reliable," "Safety," "Fruit Picker") South & Depot, Cincinnati, O.
Safety Ladder Mfg. Co., Seattle, Wash.
Saginaw Ladder Co., Ltd., Saginaw, Mich.
Smith S. A. Mfg. Co., Brattleboro, Vt.
Spaulding Mfg. Co. ("Hercules"), Clinton, Me.
Stokes Wm. A. & Co., 50 Howard, N. Y.
Superior Ladder Co., Goshen, Ind.
Udell Works, Indianapolis, Ind.
Union Blind & Ladder Co. ("Star"), Oakland, Cal.
Young Bros. Co., Worcester, Mass.

7113—Ladders (Extension Scaffold)

Berg John & Bro., 5001 5th av, Chicago, Ill.
Cupples Samuel Woodenware Co. ("Hercules" Sectional Ladder & Extension Tops), 7th & Spruce, St. Louis, Mo.
Davenport Ladder Co. (Also Extension, Windlass, Also Rope & Pulley Attachment, etc), Davenport, Ia.
Portland Extn. Ladder & Pole Co., 130 Orange, Newark, N. J.

7114— Ladders (Fire)

Boyd James & Bro., 25th & Wharton, Philadelphia, Pa.
Combination Ladder Co., 366 Fountain, Providence, R. I.
Davenport Ladder Co., Davenport, Ia.
Hale Geo. C., Kansas City, Mo.
Moulton, C. W. H. Co., Somerville, Mass.
Pirsch Peter & Co., Kenosha, Wis.
Portland Extn. Ladder & Pole Co. ("J. A. Weston's" Safety Trussed), 130 Orange, Newark, N. J.
Robinson Fire Apparatus Co., 4268 N 20th, St. Louis, Mo.
Seagrave Co., Columbus, Ohio
Woodhouse Mfg. Co., 64 W B'way, N. Y.
Young Bros. Co., Worcester, Mass.

7115—Ladders (Folding Roof)

Danzer Metal Works, Hagerstown, Md.

7116—Ladders (Freight Car)

Acme Supply Co. (Steel) 28 E Jackson blvd., Chicago, Ill.
Damascus Brake Beam Co. ("Brascott"), London rd & Nickel Plate, Cleveland, O.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.
Wine Railway Appliance Co., Toledo, Ohio

7117—Ladders (Fruit Pickers')

Babcock W. W. Co., Bath, New York
Bushnell Tank Works, Bushnell, Ill.
Consolidated Pump Co., Toledo, O.
Davenport Ladder Co., Davenport, Ia.
Four-In-One-Ladder Mfg. Co., ("Four-in-One"), Mishawaka, Ind.
Goshen Churn & Ladder Co, Goshen, Ind.
Hays Geo. W., 228 5th, Milwaukee, Wis.
Safety Ladder Mfg. Co., Seattle, Wash.
Superior Ladder Co., Goshen, Ind.
Udell Works, Indianapolis, Ind.
Union Blind & Ladder Co. ("Star"), Oakland, Cal.

7118—Ladders (Rolling & Trolley)

Allith-Prouty Co. ("Reliable"), Danville, Ill.
Bicycle Step Ladder Co. ("Model" Six Auto-ladders), 6 W Randolph, Chicago, Ill.
Calander Jno. Mfg. Co., 629 Jackson, St. Paul, Minn.
COBURN TROLLEY TRACK MFG. CO., P. O. Box 721, Holyoke, Mass.
Hunt, Helm, Ferris & Co. (Cannon Ball), Harvard, Ill.
Lane Bros. Co., ("Lane's Pat"), Poughkeepsie, New York
McCabe Hanger Mfg. Co. (Tubular, etc), 425 W 25th, New York
Milbradt Mfg. Co., 2410 N 10th, St. Louis, Mo.
MYERS F. E. & BRO. ("Myers" Cushion Tire), 800 Orange, Ashland, O.
See adv index at end of book
Newhall Henry B., 89 West, New York
Putman & Co. ("Putnam"), 32 Howard, New York
Richards-Wilcox Mfg. Co. (Ceiling & Shelf Rolling), Aurora, Ill.
Union Blind & Ladder Co. (Rolling, Oakland, Cal.

7119— Ladders (Rope)

See also Fire Escapes, Rope

Carpenter Geo. B. & Co. (Wire & Manila Rope), 440 North Wells, Chicago, Ill.

7120— Ladders (Steel)

Adler H. Co., Carnegie, Pa.
American Bridge Co. (Mine), 30 Church, New York
Barnum E. T., Wire & Iron Works, 864 Woodward, Detroit, Mich.

Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
Mitchell-Tappen Co., 15 John, New York
PITTSBURG DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Republic Structural Iron Wks. Co., 1350 E 53d, Cleveland, O.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book

7121— Ladders (Step)

Acme Mfg. Co., 1806 East, Pittsburgh, Pa.
Babcock W. W. Co. ("New York," "Steuben"), Bath, N. Y.
Bacon & Co., Gasport, N. Y.
Bent Rung Ladder & Mfg. Co. ("Columbia," "Hastings," "Wetting," "X X"), Indiana, Pa.
Berg John & Bro., 5001 5th av, Chicago, Ill.
Bicycle Step Ladder Co., 6 W Randolph, Chicago, Ill.
Bishop Ladder Co., Hartford, Conn.
Border City Industrial Co., Border City, N. Y.
Chesebro Whitman Co., 1167 First av, New York
Clark J. R. Co., 2nd av N & Aldrich, Minneapolis, Minn.
Consolidated Pump Co., Toledo, O.
Crain Pump & Lbr. Co., 623 Arch, Philadelphia, Pa.
Davenport Ladder Co., Davenport, Ia.
Driver John ("Boss"), San Leandro, Cal.
Fellows & Co., 234 Friend, Boston, Mass.
Flint A. W. & Co., New Haven, Conn.
Four-In-One-Ladder Mfg. Co. ("Four-in-One," "Mishawaka," "Non Tip," "Sure-Step," "Anti-Fall"), Mishawaka, Ind.
Fox Geo. S. ("Hercules"), 137 N 6th, Phila., Pa.
Frizell Ladder Co. ("Fairy," "Giant," "Climax"), 135 Granite av, Boston, Mass.
Goshen Churn & Ladder Co. ("Goshen Hill,"" "Security"), Goshen, Ind.
Goshen Mfg. Co. ("Climax," "Faultless"), Goshen, Ind.
Handy Ladder Works ("Handy"), Cleveland, O.
Holmquist & Co., W 35th & S Maplewood av, Chicago, Ill.
Krewson T. C., 801 Master, Phila., Pa.
Mace L. H. & Co., 55 E 150th, New York
Mallory C. M., Albion, N. Y.
Michigan Ladder Co., Ypsilanti, Mich.
Moulton C. W. H. Co., Somerville, Mass.
N. Y. Ladder Co., 384 Hudson, New York.
Paris Mfg. Co., South Paris, Me.
Pease F. B. Co., Rochester, N. Y.
Pratt Mfg. Co. ("Red Star," "Monarch"), Coldwater, Mich.
Reilley Bros. Ladder Co. ("Hub," "Manhattan"), 324 W 41st, New York
Rich Pump Co. ("Cincinnati," "Queen City," "Buckeye," "Rich Leader," "Victor," "Leader"), South & Depot, Cincinnati, O.
Richter C. G. & Co. (Safety), Spokane, Wash.
Safety Ladder Mfg. Co., Seattle, Wash.
Saginaw Ladder Co., Ltd., Saginaw, Mich.
Smith S. A. Mfg. Co. ("Star," "National," "Eetna"), Brattleboro, Vt.
Specialty Mfg. Co., Titusville, Pa.
Steinfeld Bros., 116 W 32nd, New York
Stokes Wm. A. & Co., 50 Howard, New York
Superior Ladder Co. ("Monarch," "Attos"), Goshen, Ind.
Tilley Jno. S. Ladders Co., Watervliet, N. Y.
Udell Works, Indianapolis, Ind.
Union Blind & Ladder Co. ("Star"), Oakland, Cal.
Whitehurst R. W. Mfg. Corp. ("Handy." "Superb"), Norfolk, Va.
Wilkinson Mfg. Co. (Collapsible), Binghamton, N. Y.

Ladders (Store Sliding)

See Ladders, Rolling & Trolley

7122— Ladders (Straight)

Babcock W. W. Co., Bath, N. Y.
Bent Rung Ladder & Mfg. Co. ("New Model"), Indiana, Pa.
Berger Bros. Co. ("Perfection") 229 Arch, Philadelphia, Pa.
Canton Ladder Co., Canton, O.
Davenport Ladder Co., Davenport, Ia.
Flint A. W. & Co., New Haven, Conn.
Four-In-One-Ladder Mfg. Co., Mishawaka, Ind.
Fox Geo. S., 137 N 6th, Phila., Pa.
Goshen Churn & Ladder Co., Goshen, Ind.
Heider Mfg. Co., Carroll, Ia.
Krewson T. C., 801 Master, Phila., Pa.
Michigan Ladder Co., Ypsilanti, Mich.
Moulton C. W. H. Co., Somerville, Mass.
Newton & Haggerty Ladder Co., Ann Arbor, Mich.
Pease F. B. Co., Rochester, N. Y.
Reilley Bros. Ladder Co., 324 W 41st, New York
Saginaw Ladder Co., Ltd., Saginaw, Mich.
Superior Ladder Co., Goshen, Ind.
Tilley Jno. S. Ladders Co., Watervliet, N. Y.
Tupper John, Lynn, Mass.
Udell Works, Indianapolis, Ind.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.

7123—Ladders (Straight, Sectional)

Babcock W. W. Co., Bath, N. Y.
Bent Rung Ladder & Mfg. Co., Indiana, Pa.
Canton Ladder Co., Canton, O.
Combination Ladder Co., 366 Fountain, Providence, R. I.
Flint A. W. & Co., New Haven, Conn.
Four-In-One-Ladder Mfg. Co., Mishawaka, Ind.
Fox Geo. S., 137 N 6th, Phila., Pa.
Goshen Churn & Ladder Co., Goshen, Ind.
Krewson T. C., 801 Master, Phila., Pa.
Michigan Ladder Co., Ypsilanti. Mich
Moulton C. W. H. Co., Somerville, Mass.
Superior Ladder Co., Goshen, Ind.
Tilley Jno. S. Ladders Co., Watervliet, N. Y.
Udell Works. Indianapolis. Ind.

7124—Ladders (Swimming Pool)

Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
COLUMBUS BRASS CO., 538 Dublin av, Columbus, O.
See adv index at end of book
McKenna Brass & Mfg. Co., Inc., 1st av & Ross, Pittsburgh, Pa.
Newman Mfg. Co., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill.
See adv index at end of book
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book

7125—Ladders & Trucks (Firemen's)

Anderson Coupling & Fire Supply Co., Kansas City, Kan.
Davenport Ladder Co. (Fire Ladder Only, Single, Extension & Roof), Davenport, Ia.
Moulton C. W. H. Co., Somerville, Mass.
Portland Extension Ladder Co. (Safety Trussed), 130 Orange, Newark, N. J.

7126—Ladle Sleeves & Nozzles

Dixon Joseph Crucible Co., Jersey City, N. J.
Garfield Fire Clay Co., Robinson, Pa.
Haws A. J. & Sons (Ltd.), Johnstown, Pa.
Savage Fire Brick Co., Meyerdale, Pa.
Swank's H. Sons (Fire Brick), Johnstown, Pa.
United Fire Brick Co., Uniontown, Pa.

7127-8— Ladles (Babbitt)

American Mfg. Co., Chattanooga, Tenn.
Hollands Mfg. Co., 352 E 18th, Erie, Pa.
NORRIS BROS., Robinson, Ill.
See adv index at end of book
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Stevens Frederick B., 3d & Larned, Detroit, Mich.
Woonsocket Mach. & Press Co., Woonsocket, R. I

Ladles (Bessemer Plant)

See Ladles, Open Hearth & Bessemer Plant

Ladles (Cinder Car)

See Ladles, Foundry; also Cars, Hot Metal & Slag

7129— Ladles (Family, Etc.)

Central Stamping Co., 172 Fulton, New York
National Enameling & Stamping Co., 411 5th av, New York
Strong Mfg. Co., Sebring, O.

7130— Ladles (Foundry)

BIGGS BOILER WORKS CO. (Riveted Steel), Case av & Williams, Akron, Ohio
See adv index at end of book
Carroll-Porter Boiler & Tank Co., Empire bldg., Pittsburgh, Pa.
Central Foundry Supply Co. ("Byram" 15 to 35,000 lbs.), P O Box 945, Columbus, Ohio
Clark W. J. Co., Salem, O.
Cleveland-Osborn Mfg. Co., 5405 E. Hamilton, Cleveland, O.
Columbiana Boiler Co. (Riveted), Columbiana, O.
Connelly D. Boiler Co. (Or Hot Metal), Ivanhoe rd & N. Y. & St. S. R. R., Cleveland, O.
DOVER BOILER WORKS, Sales Office; 50 Church, New York; Works: Dover, N. J. *See adv index at end of book*
Farrar & Trefts, Inc., Buffalo, N. Y.
Green C. A. Co. (Steel Hand), Toledo, O.
Heggie James G. & Sons, Joliet, Ill.
Hibben & Co., 9376 Ewing av, Chicago, Ill.
McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Marshall Foundry Co. (Slag), Pittsburgh, Pa.
Meehan Boiler & Construction Co., Lowellville, O.
Monarch Engineering & Mfg. Co., American bldg, Baltimore, Md.
Muncie Boiler & Sheet Iron Wks., Muncie, Ind.
NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book
P. & O. Supply Co., Hanover & Florida, Milwaukee, Wis.
Paxson, J. W. Co., 1021 N Delaware av, Philadelphia, Pa.
Riter-Conley Co., Pittsburgh, Pa.
Stewart Boiler Works, Worcester, Mass.
Tippett & Wood, Phillipsburg, N. J.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Tropenas Converter Co., 2243 Nostrand av, New York
Union Boiler & Mfg. Co., Lebanon, Pa.
Warren City Tank & Boiler Co. (Riveted), Warren, O.
Whiting Foundry Equipment Co., 107th & Halstead, Chicago, Ill.

Ladles (Galvanizing)

See Kettles, Galvanizing

Ladles (Hot Metal)

See Ladles, Open Hearth & Bessemer Plant

Ladles (Matte)

See Ladles, Mining

7131—Ladles (Melting & Plumbers')

Advance Mfg. Co., Erie, Pa.
American Mfg. Co., Chattanooga, Tenn.
Ashton Mfg. Co. ("Red Hot" Wrought Steel), 184 Emmet, Newark, N. J.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Clayton & Lambert Mfg. Co. (Plumbers' Steel), 205 Piquette av, E. Detroit, Mich.
Dicke Tool Co., Downers' Grove, Ill.
Hollands Mfg. Co., 352 E. 18th, Erie, Pa.
Johnson Wm. (Hedenberg Works) (Plumbers'), Newark, N. J.
Lalance & Grosjean Mfg. Co. (Wrought Steel), 299 B'way, New York
Littleford Bros., 444 E Pearl, Cincinnati, O.

LADLES (MELTING & PLUMBERS')—continued

Loetzer Valve & Mfg. Co. (Seamless Plate Steel), Monroeton, Pa.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Mark Mfg. Co., Evanston, Ill.
Osborne C. S. & Co., Harrison, N. J.
Peck, Stow & Wilcox Co., Southington, Conn.
Racine Malleable & Wrought Iron Co., Racine, Wis.
Reading Hardware Co., Reading, Pa.
Sargent & Co. (Melting), New Haven, Conn.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Stortz John & Son, 210 Vine, Phila., Pa.
Stowell Co. The, So Milwaukee, Wis.
Wrightsville Hardware Co., Wrightsville, Pa.

7132— Ladles (Mining)

KENNEDY VAN SAUN MFG. & ENG. CORP. (Cast Steel Matte Ladles), 120 Broadway, New York
See adv index at end of book
Traylor Engineering & Mfg. Co., Allentown, Pa.
Union Iron Works Co. (Matte Ladles), **20th & Michigan, San Francisco, Cal.**
Worthington Pump & Mfg. Corp. (Heavy Steel Plate) 115 Broadway, New York
See adv index at end of book

7133—Ladles (Open Hearth & Bessemer Plant)

Carroll-Porter Boiler & Tank Co., Empire bldg., Pittsburgh, Pa.
Clark W. J. Co., Salem, O.
Columbiana Boiler Co. (Riveted), Columbiana, O.
Connelly D. Boiler Co. ("Connelly"), Ivanhoe rd & N. Y. & St. S. R. R. Cleveland, O.
Dover Boiler Works, Sales Office: 50 Church, New York; Works: Dover, N. J. *See adv index at end of book*
Farrar & Trefts, Inc., Buffalo, N. Y.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Heggie James G. & Sons, Joliet, Ill.
Hibben & Co., 9376 Ewing av Chicago, Ill.
Manitowoc Engineering Works, Manitowoc, Wis.
Munroe R. & Sons Mfg. Corp., 23rd & Smallman, Pittsburgh, Pa.
Penna. Engineering Works, New Castle, Pa.
Petroleum Iron Works Co., Sharon, Pa.
Pollock Wm. B. Co., Youngstown, O.
Riter-Conley Co., Pittsburgh, Pa.
TREADWELL CONSTRUCTION CO., Midland, Pa.
See adv index at end of book
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Warren City Tank & Boiler Co. (Riveted), Warren, O.

7133a— *Ladles (Pickle)

ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*

7134— Ladles (Pipe Layers')

Sperry D. R. & Co., Batavia, Ill.

Ladles (Slag)

See Ladles, Foundry; also Cars, Hot Metal & Slag

Ladles (Truck)

See Ladles, Crane or Truck

7135— Ladles (Wax)

Indiana Hollow Ware Co. (Cast Iron), Jeffersonville, Ind.

7136— Ladles (Wood)

Chapman-Sargent Co. (Butter, etc), Perrysburg, O.

7137-8—Lagging (Hardwood)

Dodge Sales & Engineering Co., Mishawaka, Ind.
Hill Clutch Co., 1000 W 58th, Cleveland, Ohio

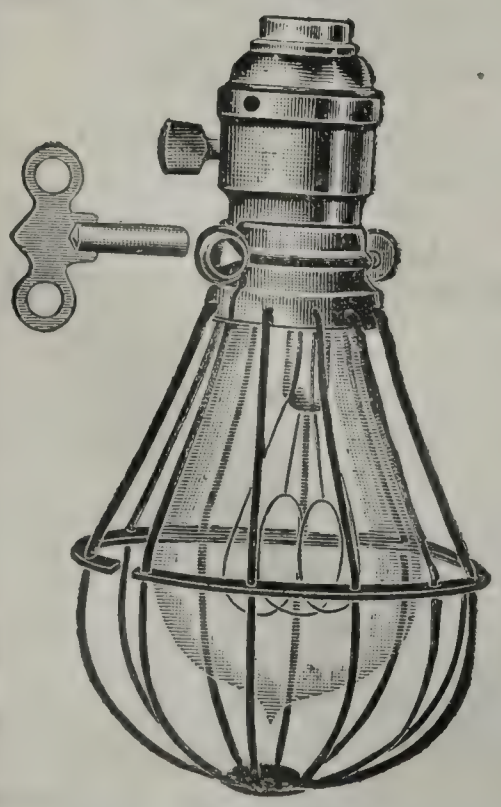
7139— Lamp Black Mfrs.

Bihn & Wolff Co. ("Keystone," "Old Abe," "Reliable Standard" Coach, Painters, "Charlton Velvet," "Curriers" Locomotive Sign Writers), Bridesburg, Phila., Pa.
Binney & Smith Co., 81 Fulton, New York
Cabot Samuel (Inc.), 141 Milk, Boston, Mass.
Doggett Stanley, 11 Cliff, New York
Donald Wm. C. & Co., Andover, Mass.
Eddy's Titus Son, Troy, N. Y.
Hyde Carbon Black Co., Ridgeway, Pa.
Industrial Chemical Co., 200 5th av, New York
MARTIN L. CO. ("Germantown," "Eagle," "Pyramid," "Old Standard"; also "Globe" & "Torch" Bulk Blacks for Rubber, Paper, Cement, Paints, Varnishes, etc), 81 Fulton, New York
Osborn C. J. Co., 132 Nassau, New York
Seaver & Co., 120 Milk, Boston, Mass.
Smith J. Lee & Co., 19 Jacob, New York
Wilckes, Martin, Wilckes Co. ("Bear Brand"), 135 William, New York

7140— Lamp Guards

Andrews Wire & Iron Works, Rockford, Ill.
Benjamin Electric Mfg. Co., 128 S Sangamon, Chicago, Ill.
See adv index at end of book
Culver Stearns Mfg. Co., Worcester, Mass.
Darby Edw. & Sons Co. (Wire), 239 Arch, Phila., Pa.
Doubleday-Hill Electric Co. ("Holdfast"), **719 Liberty av, Pittsburgh, Pa.**
Electric Service Supplies Co. ("Keystone"), 17 & Cambria, Phila., Pa.

LOXON
LAMP GUARD
THE KEY TO SAFETY



CUT DOWN YOUR LAMP BILLS

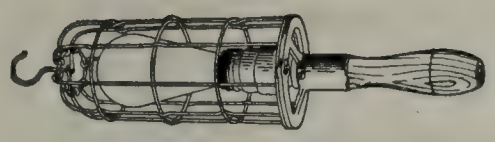
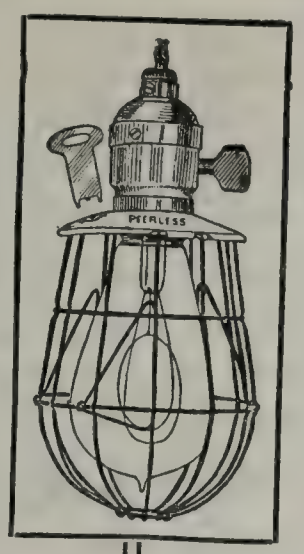
THOUSANDS of factories, mills and shops cut down their bills for incandescent lamps by using **LOXONS.** They lock on with a key and absolutely **Prevent Theft and Breakage of Lamp,** as well as **Fire** from a hot or broken lamp next oily waste or other combustibles.

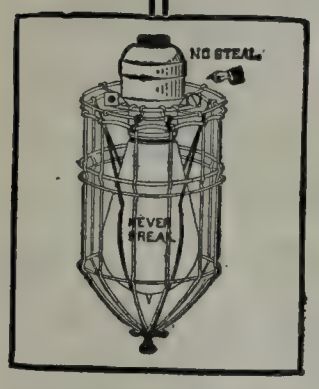
A **LOXON** costs no more than a lamp and saves many. So they pay big dividends.

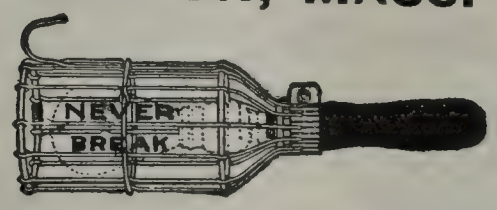
The NATIONAL PORTABLE LAMP GUARD

Loxon Lamp Guards are made to fit all lamps from 15 Watt up to and including 200 Watt size. A free sample Loxon 25, 40 or 60 Watt size will be sent on request if you will write on your business letter head.

McGill Mfg. Co.
77 OAK STREET
Valparaiso, Indiana





LAMP GUARDS

LARGEST LINE IN THE WORLD

For Every Style and Size Electric Lamp

FRANK W. MORSE

289 Congress St.

BOSTON, MASS.

Estey Wire Works Co., 34 Cliff New York. *See adv index at end of book*
Flexible Steel Lacing Co., 522 S Clinton, Chicago, Ill.
Forg Peter Mfg. Co., Somerville, Mass.
Frink I. P., Inc. (Portable), 10th av & 24th, New York
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hamblin & Russell Mfg. Co. ("Never Break"), Worcester, Mass.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Hipwell Mfg. Co., 831 W North av, Pittsburgh, Pa.
Howard & Morse (Wire), 46 Fulton, New York
Hubbell Harvey, Bridgeport, Conn.
Leveridge Chas. W. ("L. & L." Lock), 133 Liberty, New York
Lovell F. H. & Co. (Wire), Arlington, N. J.
McGill Mfg. Co. ("Loxon," "Bull Dog," "Crescent," "National," "Standard," "Monitor," "Security"), 77 Oak, Valparaiso, Ind. *See adv index at end of book*
Matthews W. N. & Bro. ("Matthews," "Holdfast"), 3722 Forest Park blvd, St. Louis, Mo.
Meyers Fred J. Mfg. Co., Hamilton, O. ***See adv index at end of book***
Morgan Spring Co., Worcester, Mass. *See adv index at end of book*
MORSE FRANK W. ("Never-Break," "Morse," "Webster," "Peerless" for Incandescent Lamps), 289 Congress, **Boston, Mass.** *See adv index at end of book*
National Mfg. Co., ("Natwire"), Worcester, Mass.
Novelty Electric Co., 50 N 4th, Phila., Pa.
Overbagh & Ayres Mfg. Co. ("Canco"), 411 S Clinton, Chicago, Ill.
Plocher Andrew Sons Co., Dayton, O.
Porter Co. ("T. P. C."), 241 Water, New York
Racine Iron & Wire Works (Electric Lamp Bulbs), Racine, Wis.
Robb & Blackmer, 129 Pearl, Boston, Mass.
Russell & Stoll Co., 17 Vandewater, New York
Scott Bros. Electric Co. (Wire), Detroit, Mich.
Seidler-Miner Co. ("S-M" Watertight Bunch Light), Detroit, Mich.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill. *See adv index at end of book*
Standard Wire Co., Newcastle, Pa.
Stehlin-Miller Henes Co., 103 Park av, New York
Stewart Frank H. Electric Co. (Adjustable), 35 N 7th, Phila., Pa.
Swan Electric Co., 144 Oliver, Boston, Mass.
V. V. Fittings Co., 1906 N 6th, Phila., Pa.
Wire Goods Co. (Wire), Worcester, Mass.

7141—*Lamp Guards (Arc, Globe)

MORSE, FRANK W. ("Morse"), 289 Congress, Boston, Mass. *See adv index at end of book*

7141a—*Lamp Guards (Miniature)

MORSE, FRANK W. ("Morse"), 289 Congress, Boston, Mass. *See adv index at end of book*

7141b—*Lamp Replacers & Cleaners (Incandescent)

MORSE FRANK W. ("Handy"), 289 Congress, Boston, Mass. *See adv index at end of book*

Lamp Sockets (Incandescent)

See Sockets, Incandescent Lamp

Lamp Standards & Brackets (Iron & Bronze)

See Posts, Lamp, Arc & Tungsten

7142—Lamps (Acetylene Gas)

Brown John W. Mfg. Co., Columbus, O.
Davis Acetylene Co. (Arc), Elkhart, Ind.
Klemm & Co. ("Klemm" Arc), 132 N 5th, Phila., Pa.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
MILBURN A. ALEXANDER CO., 1420 W Baltimore, Baltimore, Md. *See adv index at end of book*
Miner Thos. T. W. ("Miner" Globe), 821 **Eagle av, New York**
Royal Lamp Co. (Incandescent), Cleveland, O.
Seiss Mfg. Co. ("Breckenridge"), Toledo, O.

7143— Lamps (Alcohol)

Alcohol Utilities Co. ("Pyro"), 27 William, New York
Best Light Co., 477 2d, N E, Canton, O.
Coleman Lamp Co. ("Coleman"), Wichita, Kan.
N. Y. Stamping Co. ("Empress" Vapor), N 11th & Berry, Brooklyn, N. Y.
Quincy Foundry & Novelty Co., Quincy, Ill.

7144— Lamps (Arc)

Adams-Bagnall Electric Co. ("A-B," Enclosed), Cleveland, O.
Buckeye Electric Works of G. E. Co. ("The Manhattan" Alt & Direct Enclosed Incan), Illuminating bldg, Cleveland, O.
Economy Electric Co., 211 Fulton, Brooklyn, N. Y.
GENERAL ELECTRIC CO. ("Multiple & Series A. C. & D. C."), Schenectady, N. Y. *See adv index at end of book*
Helios Mfg. Co. ("Continental"), Garden ab Bridge, Philadelphia, Pa.
Imperial Electric Mfg. Co., 253 B'way, New York

Westinghouse Lamps

Carbon Arc Lamps, Metallic-Flame Arc Lamps, Flame-Carbon Arc Lamps, Street Lighting Systems, Luxsolite Fixtures

FOR ALL COMMERCIAL CIRCUITS AND VOLTAGES

Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.

Offices in 45 American Cities

WESTINGHOUSE ELECTRIC

LAMPS (ARC)—continued

Kabden Electric Co. (Imp), 152 Chambers, New York
Philadelphia Electrical & Mfg. Co. ("Pemco" Tungsten), 1236 N 31st, Phila., Pa.
Pittsburgh Electrical & Machine Works (Direct Current), Barker place. Pittsburgh, Pa.
Sorensen P., 18 Dnhm. pl, B'klyn, N. Y.
Stave Theo. ("Stavelco," "Perkeo," Semi-Enclosed & Miniature), 30 Chuch, New York
Toerring C. J. Co. ("Toerring," Enclosed), 2119 Toronto, Philadelphia, Pa.
Universal Electric Stage Lighting Co. ("Klieglight" for Studios), 240 W 50th, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wohl M. J. & Co., 211 Fulton, B'kyn, N. Y.

Lamps (Arc, Acetylene)

See Lamps, Acetylene Gas, with the Word Arc following their names

7145—*Lamps (Arc, Flame Carbon)

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

7146—Lamps (Arc, Flaming)

Adams-Bagnall Electric Co. ("A. B."), Cleveland, O.
Bell Arc Light Co., 20 W Houston, New York
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
General Illuminating Co. ("Grant"), 47 Green, New York
Hagstedt Chas. ("Flamor"), 139 E 54th, New York
Hamburger Felix ("Jupiter," "Carbone," "Bivolt," Imp.), 404 4th av, New York
Helios Mfg. Co., Garden ab Bridge, Phila., Pa.
Kandem Electric Co. (Imp.), 152 Chambers, New York
Scott Electrical Co. ("Decuple"), 357 Ogden, Newark, N. J.
Stave Theo. ("Stave"), 30 Church, New York
Toerring C. J. Co., 2119 Toronto, Phila, Pa.
Warner Electric Co., Muncie, Ind.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Lamps (Arc, For Blue Printing & Photography)

See Blue Print Lamps & Carbons

7147—Lamps (Arc, Electric Non-Magnet)

Hughes Universal Arc Lamp Co. ("Hughes Universal," Without Either Dash-pot or Magnet), 628 Race, Phila., Pa.

7148— Lamps (Arc, Gas)

See also Lamps, Incandescent Gas

American Gas Machine Co. ("American" Inverted), Albert Lea, Minn.
Bell Arc Light Co. ("Bell," Triple Air), 20 W Houston, New York
Block Gas Mantle Co., Youngstown, O.
Chester Alliance Gas Light Co., 2758 Madison av, New York
Eclipse Light Co., 583 B'way, New York
Economy Gas Lamp Co., 213 Goodrich, Kansas City, Mo.
Garwood Gas Lamp & Heater Co. ("Garwood" Inverted), Canton, Ohio
General Gas Light Co. ("Humphrey"), Kalamazoo, Mich.
Ideal Gas Light Co. ("Beau Ideal"), Kalamazoo, Mich.
Incandescent Burner Co., 395 Claremont av, Brooklyn, N. Y.
Kern Burner Co., 217 W 125th, New York
Klemm & Co., 132 N 5th, Phila., Pa.
McLain L. H. Co., 929 Cleveland av, S W, Canton, O.
National Stamping & Electric Works, 424 S Clinton, Chicago, Ill.
New Idea Arc Light Co., 20 W Houston, New York
Risinger Bros. Co. ("Risinger" Street Inverted, etc, "Colonel" Inside, Porch, etc), E. Liverpool, O.
Solar Light Co., 69 Wooster, New York
Sun Vapor & Gas Street Light Co., 1002 Market av, S, Canton, O.
Thurnauer Otto, 28 W 22d, New York

7149—Lamps (Arc, Gasoline)

See also Lamps, Gasoline; also Lamps, Incandescent Gasoline

American Gas Machine Co. ("Manson" & "American"), Albert Lea, Minn.
Best Light Co., 477 Second, N E, Canton, Ohio
Cole-Halsted Light & Sales Co. ("Coleman" Boulevard, etc), Los Angeles, Cal.
Coleman Lamp Co. ("Coleman"), Wichita, Kan.
Economy Gas Lamp Co., 213 Goodrich, Kansas City, Mo.
National Stamping & Electric Works, 424 S Clinton, Chicago, Ill.
Tures Mfg. Co. ("Turz-Lite" Stationery & Portable), 394 6th, Milwaukee. Wis.

7149a—*Lamps (Arc, Metallic Flame)

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

7150—Lamps (Arc, Miniature)

General Illuminating Co. ("Grant"), 47 Green, New York
Stave Theo. ("Stavelco," "Perke" Semi-Enclosed & Miniature), 30 Church, New York

7151—Lamps (Arc, Photo-Engraving)

Adams-Bagnall Electric Co., Cleveland, O.
Allison & Hadaway Corp., 42 W 39th, New York
Bogue Chas. J., Electric Co., 513 W 29th, New York
Cooper Hewitt Elec. Co., Hoboken, N. J.
Eastman Kodak Co. ("Aristo"), Rochester, N. Y.
Gelb Co., Jos., 203 Centre, New York
Helios Mfg. Co., Garden ab Bridge, Philadelphia, Pa.
Lazorides Mfg. Co. (Imperial Photographic), 136 Liberty, New York
Macbeth Arc Lamp Co., 917 Weightman bldg, Phila., Pa.
Majestic Elec. Appliance Co. (Universal Photographic), 5 E 14th, New York
Nelo Spec. Division Natl. Lamp Wks. of G. E. Co., Nelo Park, Cleveland, O.
New York Engravers' Supply, 230 W 17th, New York
Scott Elec. Co., 357 Ogden, Newark, N. J.
Simplex Photo Prodts. Co., Richmond Hill, N. Y.
Thompson Albert T. & Co., 15 Tremont pl, Boston, Mass.
Toerring C. J. Co., 2119 Toronto, Phila., Pa.
United Electric Apparatus Co., 1529 Columbus av, Boston, Mass.
Western Electric Co. ("Aristo"), 463 West, New York
White H. C. Co., North Bennington, Vt.
Wohl M. J. & Co., 211 Fulton, Brooklyn, N. Y.

7152—Lamps (Arc, Stage & Stereopticon)

Chicago Stage Ltg. Co., 112 N La Salle, Chicago, Ill.
Keller P. & Co., 465 Greenwich, New York
McIntosh Stereopticon Co., 30 E Randolph, Chicago, Ill.
Newton C., 305 W 15th, New York
Sprague Elec. Wks. of G. E. Co., 527 W 34th, New York
Universal Electric Stage Lighting Co. ("Kliegl"), 240 W 50th, New York

7152a—Lamps (Artistic Bronze & Wrought Iron)

Anchor Post Iron Works, 17 B'way, New York
For branch offices see Alphabetical Section
Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
GORHAM CO. ARCH'L BRONZE, 5th av & 36th, New York. Works: Providence, R. I.
See adv index at end of book
Jackson Wm. H. Company, 2 W 47th, New York
MEYERS FRED J. MFG. CO., Hamilton, O.
See adv index at end of book
PITT WM. R. COMPOSITE IRON WORKS, 221 W 26th, New York
See adv index at end of book
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
TYLER W. S. CO. (Brackets, etc), Cleveland, O., & 200 5th av, New York
See adv index at end of book

7153—Lamps (Automobile, Electric)

See also Headlights, Automobile

A-A Elec. Mfg. Co., 303 Center, Bridgeport, Conn.
Adams-Bagnall Electric Co., Cleveland, O.
Adams & Westlake Co., 319 W Ontario, Chicago, Ill.
Anderson Electric Specialty Co., 562 W Van Buren, Chicago, Ill.
Art Metal Mfg. Co., E 61st & Curtis av, Cleveland, O.
Badger Brass Co., Kenosha, Wis.
Boother Miller Co., 2210 S Main, Los Angeles, Cal.
Bosch Magneto Co., 223 W 46th, New York
Brown John W. Mfg. Co., Columbus, O.
Campbell A. S. Co. ("Cello" spot, search side & tail), 276 Commercial, Boston, Mass.
Chicago Elec. Mfg. Co. (Board & Tonneau Lamps), 2817 S Halsted, Chicago, Ill.
Columbus Auto Brass Co., 769 N 4th, Columbus, O.
Corcoran-Victor Co., Cincinnati, O.
Cowles C. & Co., New Haven, Conn.
Culvet-Stearns Mfg. Co., Detroit, Mich.
Detroit Starter Co., 203 Monroe av, Detroit, Mich.
Dietz B. E. Co., 60 Laight, New York
Edison Lamp Works of General Electric Co. ("Mazda"), Harrison, N. J.
Edmunds & Jones Corp., Detroit, Mich.
Elec. Service Supplies Co., 17th & Cambria, Philadelphia, Pa.
English & Mersick Co., Winchester av, New Haven, Conn.
Foster C. H. Accessories Co., Chicago, Ill.
Fowler Lamp & Mfg. Co. ("Fowler," also for Motor Boats), 59 E 24th, Chicago, Ill.
Gray & Davis, Boston, Mass.
Guide Motor Lamp Mfg. Co. (For Fords), W 114th & Madison, Cleveland, O.
Hall C. M. Lamp Co., Hancock & Rivard, Detroit, Mich.
Handlan-Buck Mfg. Co. (Side & Tail), 210 14th nr 3d, St. Louis, Mo.
Hawthorne Mfg. Co., Spruce & Howard, Bridgeport, Conn.
Holt & Beeber Co., 51 Chardon, Boston, Mass.
Howe Mfg. Co., 115 E Ontario, Chicago, Ill.
Import Sales Co., 27 W 20th, New York
Indiana Lamp Co., Connersville, Ind.
Kilborn Sauer Co., Fairfield, Conn.
Lipman Air Appliance Co., Beloit, Wis.
MacDonald Donald N., Boston, Mass.
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
Marburg Bros. ("Marburg-Lucifer"), 90 West, New York
Metal Specialties Mfg. Co., 338 N Kedzie av, Chicago, Ill.
Milwaukee Bronze Casting Co., 119 Clinton, Milwaukee, Wis.
Newfield Silver Mfg. Co., State & Ash, Bridgeport, Conn.
O'Brien Jos. F. Mfg. Co., 391 B'way, New York
Pittsburgh Elec. Spec. Co., Ross & 1st av, Pittsburgh, Pa.
Rose Mfg. Co. ("Neverout"), 910 Arch, Philadelphia, Pa.
Rosen A. W. & Co., 610 B'way, New York
S. & M. Lamp Co., Los Angeles, Cal.
Silvey Elec. Co., Dayton, O.
Smith F. A. Mfg. Co., Rochester, N. Y.
Storage Battery Supply Co., 239 E 27th, New York
Superior Lamp Mfg. Co., 136 W 52d, New York
Sutterley G. T. & Co., 23d & Hamilton, Philadelphia, Pa.

Venus Elec. Lamp Co., Detroit, Mich.
Vesta Accumulator Co. ("Vesta"), 2100 Indiana av, Chicago, Ill.
Victoria Elec. Appliance Mfg. Co. ("Victoria" Non-glare Bulbs), Union Hills, N. J.
White Mfg. Co., Bridgeport, Conn.
Wood Mfg. Co., Fairfield, Conn.

7154—Lamps (Automobile, Gas & Oil)

See also Lamps, Carriage
See also Headlights, Automobile

Adams & Westlake Co. (Side & Tail Oil), 319 W Ontario, Chicago, Ill.
American Lamp Works, 253 W 47th, New York
Auto Lamp & Radiator Co., Cleveland, O.
Badger Brass Mfg. Co. ("Solar" Headlight), Kenosha, Wis.
Brown Jno. W. Mfg. Co., Columbus, O.
Buffalo Lamp Co., 110 B'way, Buffalo, N. Y.
Colt J. B. Co. (Gas), 30 E 42d, New York
Corcoran-Victor Co., Cincinnati, O.
Cowles C. & Co. (Oil), New Haven, Conn.
De Voursney Bros., 389 Broome, New York
Dietz R. E. Co., 60 Laight, New York
Edmunds & Jones Corp., Detroit, Mich.
Fowler Lamp & Mfg. Co. ("Fowler"), 59 E 24th, Chicago, Ill.
Gidon Joseph E., 794 10th av, New York
Gray & Davis ("Bullet"), Boston, Mass.
Guide Motor Lamp Co., W 114th & Madison, Cleveland, O.
Hall C. M. Lamp Co., Hancock & Rivard, Detroit, Mich.
Hawthorne Mfg. Co. ("Old Sol"), Bridgeport, Conn.
Hine-Watt Mfg. Co. ("Columbia" Gas), 180 N Market, Chicago, Ill.
Indiana Lamp Co., Connersville, Ind.
Manhattan Auto Parts & Lamp Works Co., 162 W 56th, New York
Post & Lester Co. ("Royal de Luxe"), Hartford, Conn.
Rose Mfg. Co. ("Neverout"), 910 Arch, Phila., Pa.
Sibley Pitman Electrical Corp. ("Climax"), 19 W 36th, New York
Superior Lamp Mfg. Co., 136 W 52d, New York
White Mfg. Co. (Oil), Bridgeport, Conn.

7155—Lamps (Automobile, Trouble Finding)

Adams-Bagnall Electric Co., Cleveland, O.
American Enamel Co. ("Britelite"), Providence, R. I.
American Ever Ready Works, Thompson av, L. I. City, New York
Anderson Elec. Spec. Co. (Dashboard), 562 W Vanburen, Chicago, Ill.
Benjamin Elec. Mfg. Co. ("Speedolite" Dashboard), 120-128 S Sangamon, Chicago, Ill.
Brock A. S. Rubber Co., 57 Broad, Boston, Mass.
Campbell A. S. Co., 284 Commercial, Boston, Mass.
Chicago Elec. Mfg Co., 2817 S Halstead, Chicago, Ill.
Columbus Auto Brass Co. (Dash), Columbus, O.
Conn. Telephone & Elec. Co., 70 Britnia, Meriden, Conn.
Connelly Iron Sponge & Governor Co., 227 Fulton, New York
Culver Stearns Mfg. Co., 34 Southbridge, Worcester, Mass.
Cuno Engng. Corp. (Combination), Meriden, Conn.
Edison Lamp Works of General Electric Co. ("Mazda"), Harrison, N. J.
Fowler Lamp & Mfg. Co. ("Fowler" Electric), 59 E 24th, Chicago, Ill.
Gibson-Hollister Mfg. Co., Springfield, Mass.
Harvard Elec. Co., 525 W Van Buren, Chicag,o, Ill.
Harvey W. A., Scranton, Pa.
Holnig, Wm. J., 53d, Brooklyn, N. Y.
Inland Elec. Co. (Dept. J), 16 N Franklin, Chicago, Ill.
McGill Mfg. Co., 260 Oak, Valparaiso, Ind.
Manhattan Elec. Supply Co., 17 Park pl, New York
Metal Specialties Mfg. Co., 338 N Kedzie av, Chicago, Ill.
MORSE FRANK W. ("Morse"), 289 Congress, Boston, Mass.
See adv index at end of book
Premier El. Co., 1123 S Wabash av, Chicago, Ill.
Providence Electric Mfg. Co. ("Nitelite"), 23 Broad, Providence, R. I.
Rosen A. W. & Co., 610 Broadway, New York
Smith F. A. Mfg. Co., Rochester, N. Y.
Stanley & Patterson, 23 Murray, New York
Superior Lamp Mfg. Co., 136 W 52d, New York
Varney Elec'l Supply Co., Indianapolis, Ind.

7156— Lamps (Battery)

Edison Lamp Works of General Electric Co. ("Mazda"), Harrison, N. J.
Interstate Electric Novelty Co., 104 S 4th, New York
Ohio Electric Works, Cleveland, O.
MORSE FRANK W. ("Morse" Trouble, for Automobiles & Power Boats), 289 Congress, Boston, Mass.
See adv index at end of book
Vesta Accumulator Co. ("Vesta" Pocket, etc), 2100 Indiana av, Chicago, Ill.

7157— Lamps (Bicycle)

Bridgeport Brass Co., Bridgeport, Conn.
Burchwell Mfg. Co., Pontiac bldg, St. Louis, Mo.
Central Tele. & Elec. Co., 310 N 11th, St. Louis, Mo.
Dietz R. E. Co., 60 Laight, New York
Hartford Elec. Nov. Co., 160 Wells av, Chicago, Ill.
Hine-Watt Mfg. Co., 180 N Market, Chicago, Ill.
Indiana Lamp Co., Connersville, Ind.
Marburg Bros. ("Marburg-Lucifer"), 90 West, New York
Metal Spec. Mfg. Co., 338 N Kedzie av, Chicago, Ill.
Plume & Atwood Mfg. Co. ("Banner", "Jim Dandy," Kerosene), Waterbury, Conn.
Rose Mfg. Co. ("Neverout"), 910 Arch, Philadelphia, Pa.
SCOVILL MFG. CO., Waterbury, Conn.
See adv index at end of book

7158—Lamps (Bridge, Pier & Channel)

Coleman Lamp Co. ("Coleman" Bridge & Pier), Wichita, Kan.
Gray Peter & Sons, Inc., 286 Third, E Cambridge, Mass.
Handlan-Buck Mfg. Co., 210-14 N 3d, St. Louis, Mo.
Porter Co., 241 Water, New York
Smith of N. Y. Co., 352 Pearl, New York

7159— Lamps (Bunker)

Smith of N. Y. Co., 352 Pearl, New York

7160— Lamps (Candle)

Adams & Westlake Co., 319 W. Ontario, Chicago, Ill.
American Ring Co., Waterbury, Conn.
Handlan-Buck Mfg. Co., 210 14th nr 3d, St. Louis, Mo.
Porter Co., 241 Water, New York
Smith of N. Y. Co., 352 Pearl, New York
Turner & Seymour Mfg. Co., Torrington, Conn.

7161— Lamps (Car)

Adams & Westlake Co. (All Kinds), 319 W Ontario, Chicago, Ill.
Boesch Lamp Co., 962 Mission, San Francisco, Cal.
Bridgeport Brass Co., Bridgeport, Conn.
Dayton Mfg. Co. (For Steam & Electric Cars), Dayton, O.
Handlan-Buck Mfg. Co. (All Kinds), 210-14 N 3d, St. Louis, Mo.
Howard Jas. L. & Co., Hartford, Conn.
Safety Car Heating & Lighting Co., 2 Rector, New York
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Smith of N. Y. Co., 352 Pearl, New York
Star Brass Mfg. Co., ("Star") 108 E Dedham, Boston, Mass.
Star Headlight & Lantern Co. (Oil), Rochester, N. Y.

7162—*Lamps (Carbon-Filament)

GENERAL ELECTRIC CO. ("Mazda"), Schenectady, N. Y.
See adv index at end of book
WESTINGHOUSE LAMP CO., 165 Broadway, New York.

7163— Lamps (Carriage)

See also Lamps, Automobile, Gas & Oil

Carey & Co., 246 N 5th, Philadelphia, Pa.
Cowles C. & Co., New Haven, Conn.
De Voursney Bros., 389 Broome, New York
Edmunds & Jones Mfg. Corp., Detroit, Mich.
English & Mersick Co., New Haven, Conn.
Fowler Lamp & Mfg. Co. ("Fowler" Electric), 59 E 24th, Chicago, Ill.
Gray & Davis, Boston, Mass.
Illinois Carriage Lamp Co., 224 W Illinois, Chicago, Ill.
Indiana Lamp Co., Connersville, Ind.
Porter Co., 241 Water, New York
Rose Mfg. Co. ("Neverout"), 910 Arch, Phila., Pa.
Seiss Mfg. Co. ("Lightweight," Oil Lamp), Toledo, O.
Smith of N. Y. Co., 352 Pearl, New York
Superior Lamp Mfg. Co., 136 W 52d, New York
White Mfg. Co., Bridgeport, Conn.

Lamps (Christmas Tree, Electric)

See Lamps, Battery

Lamps (Contractors' Portable)

See Contractors' Portable Light

7164— Lamps (Derrick)

Oil Well Supply Co., 215 Water, Pittsburgh, Pa.

Lamps (Desk, Electric)

See Lights, Desk, Electric

7165— Lamps (Electric)

See Lamps, Incandescent, Electric and Following Headings; also Lamps, Nitrogen

7166—Lamps (Filament Tube)

Straight Filament Lamp Co. ("Rayline"), 42 E 23rd, New York

7167— Lamps (Gasoline)

See also Lamps, Arc Gasoline

Akron Gas Lamp Co., Akron, O.
American Gas Machine Co., Albert Lea, Minn.
Best Light Co. ("Best"), 477 Second, N E, Canton, O.
Brilliant Gas Lamp Co. ("Brilliant," "Triump" & "Handy"), 1009 S Wabash, Chicago, Ill.
Canton Incandescent Light Co. ("Canton"), Canton, O.
Cole-Halstead Light & Sales Co. ("O. K.", "Air-O-Lite" Portable Table Lamps), Los Angeles, Cal.
Coleman Lamp Co. ("Air-O-Lite" Table Lamp, etc), Wichita, Kan.
Economy Gas Lamp Co., 213 Goodrich, Kansas City, Mo.
Gloria Light Co., 1100 Washington blvd, Chicago, Ill.
Incandescent Light Mfg. Co., Council Bluffs, Ia.
King Light Co. (Self-Lighting), Peoria, Ill.
Knight Light Co., 351 W Chicago av, Chicago, Ill.
Merkel Herman ("Simplicity"), 511 Elm St. Louis, Mo.
National Stamping & Electric Works, 424 S Clinton, Chicago, Ill.
Pitner Gasoline Lighting Co., 8 E Kinzie, Chicago, Ill.
Powerlight Co., 210 5th av, New York
Royal Gas Light Co. ("Royal Gem"), 18 W Kinzie, Chicago, Ill.
Smith of N. Y. Co., 352 Pearl, New York
Sun Vapor & Gas Street Light Co. (Incandescent), Canton, O.
Superior Mfg. Co. (Also Vapor), Ann Arbor, Mich.
Thomas Mfg. Co., Dayton, O.
Yale Light Co. (Portable), 541 W Washington blvd, Chicago, Ill.

Lamps (Gauge)

See Lamps, Locomotive Gauge

7168— Lamps (Gem)

Brilliant Electric Works of G. E. Co. ("Brilliant"), Cleveland, O.
Columbia Lamps Division the Nat'l Lamp Works of G. E. Co. ("Columbia"), Title Guaranty bldg, St. Louis, Mo.
GENERAL ELECTRIC CO. ("Mazda"), Schenectady, N. Y.
See adv index at end of book
Packard Lamp Works of G. E. Co. ("Packard"), Warren, O.

7169— Lamps (Gravity)

Best Light Co., 477 Second, N E, Canton, O.
Economy Gas Lamp Co., 213 Goodrich, Kansas City, Mo.

7170—Lamps (Hand, Engineers' & Machinists')

Gray, Peter & Sons, Inc., 286 Third, E Cambridge, Mass.
Hammer & Co. (Malleable Iron), Branford, Conn.
Huebel Mfg. Co. (Malleable Iron), 103) Monroe, Newark, N. J.
Knapp Mfg. & Supply Co., 241 Water, New York

7171— Lamps (Hanging)

Best Light Co., 477 Second, N E, Canton, O.
Bradley & Hubbard Mfg. Co. (Oil), Meriden, Conn.
Dressel Railway Lamp Works (For Office, Station, etc), 3860 Park av, New York
Hammer & Co. ("Hammers" Malleable Iron), Branford, Conn.
Handlan-Buck Mfg. Co. (Railroad Office & Station), 210 14th nr 3d, St. Louis, Mo.
Plume & Atwood Mfg. Co. ("Royal" "Banner" Oil), Waterbury, Conn.
Smith of N. Y. Co., 352 Pearl, New York
Tiffany Studios (Special Designs), 361 Madison av, New York

7172—Lamps (Household, Brass)

Almond T. R. Mfg. Co. ("Almond Flexo" also floor), Ashburnham, Mass.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Bridgeport Brass Co., Bridgeport, Conn.
Coleman Lamp Co. ("Coleman"), Wichita, Kan.
McKee Glass Co., Jeannette, Pa.
Manhattan Brass Co., 332 E 28th, New York
Miller Edward & Co., Meriden, Conn.
Parker Chas. Co., Meriden, Conn.
Pittsburgh Lamp, Brass & Glass Co., 130 7th, Pittsubrgh, Pa.
Plume & Atwood Mfg. Co., Waterbury, Conn.
SCOVILLE MFG. CO. (Oil), Waterbury, Conn.
See adv index at end of book
Standard Oil Co. of N. Y. ("Rayo"), 555 W 25th, New York
Waterbury Brass Goods Corp., Waterbury, Conn.

7173-4—Lamps (Household, Glass)

Cambridge Glass Co., Cambridge, Ohio
Central Glass Works, Wheeling, W. Va.
Consolidated Lamp & Glass Co., Coraopolis, Pa.
Eagle Glass & Mfg. Co., Wellsburg, W. Va.
Fostoria Glass Co., Moundsville, W. Va.
Hemingray Glass Co., Covington, Ky.
Lancaster Glass Co., Lancaster, Ohio
Phoenix Glass Co., 2nd National Bank bldg, Pittsburgh, Pa.
Pittsburgh Lamp, Brass & Glass Co., 130 7th, Pittsburgh, Pa.
Sneath Glass Co., Hartford City, Ind.
Tarentum Glass Co., Tarentum, Pa.

Lamps (Hydro Carbon)

See Lamps, Incandescent, Hydro-Carbon

7175—Lamps (Incandescent Electric)

American Electric Lamp Works of G. E. Co. ("American"), Central Falls, R. I.
Banner Electric Works of G. E. Co. ("Banner"), Youngstown, Ohio
Brilliant Electric Works of G. E. Co. ("Brilliant"), Cleveland, Ohio
BRYAN-MARSH DIVISION EL. WKS., 431 S Dearborn, Chicago, Ill.
Buckeye Electric Works of G. E. Co. ("Buckeye"), Cleveland, Ohio
Capital Electric Co. ("Hall"), Denver, Colo.
Colonial Electric Works of G. E. Co. ("Colonial"), Warren, Ohio
Columbia Lamp Division the Nat'l Lamp Works of G. E. Co. ("Columbia"), Title Guaranty bldg, St. Louis, Mo. bldg, St. Louis, Mo.
Consolidated Electric Lamp Co. ("Champion" Carbon Filament), Danvers, Mass.
Doubleday-Hill Electric Co., 719 Liberty av, Pittsburgh, Pa.
Economical Electric Lamp Div. of G. E. Co. ("Hylo" Turndown), 25 W B'way, New York
Edison Lamp Works of G. E. Co. ("Mazda," "Edison Mazda," "Edison Gem," "Edison Carbon," "Lowatt"), Harrison, N. J.
Fostoria Incandescent Lamp Division of G. E. Co. ("Fostoria"), Fostoria, O.
Franklin Electric Mfg. Co. of G. E. Co. ("Franklin," "Fernco," "Novi"), Hartford, Conn.
Frink T. P., Inc. ("Linolite"), 10th av & 124th, New York
General Incandescent Lamp Works of G. E. Co. ("G. E."), Electric bldg, Cleveland, O.
Hygrade Lamp Co. ("Hygrade"), Salem, Mass.
Independent Lamp & Wire Co., 1733 B'way, New York
Kent Light Store, Newark, N. J.
Kentucky Electrical Co. ("The Kentucky"), Owensboro, Ky.
Liberty Electric Co., 543 4th, Pittsburgh, Pa.
Moran & Hastings Mfg. Co. (Portable), 18 W Washington, Chicago, Ill.
Nernst Lamp Co. ("Glower"), Fayette & Garrison pl, Pittsburgh, Pa.
Novelty Incandescent Lamp Co. ("Elk"), Emporium, Pa.
Packard Lamp Works of G. E. Co. ("Packard"), Warren, Ohio
Peerless Lamp Works of G. E. Co. ("Peerless"), Warren, O.
Rooney F. J. Lamp Co. ("Sun-Star," Turndown, "World," Carbon), Hoboken, N. J.
Shelby Lamp Division of G. E. Co. ("Shelby"), Shelby, Ohio
Standard Electric Lamp Co. ("Shamrock"), 67 Hamilton, Newark, N. J.
Sterling Electric Lamp Works of G. E. Co. ("Sterling"), Warren, Ohio
Sunbeam Incandescent Lamp Works of G. E. Co. ("Sunbeam"), 500 S Clinton, Chicago, Ill.
Sunlight Elec'l Mfg. Co., Warren, O.
Tipless Lamp Co. (Tipped & Tipless Carbon), Emporium, Pa. & Weehawken, N. J.
Waterbury-Wallace Co., 100 Lafayette, New York
Western Electric Co. ("Sunbeam"), 463 West, New York
Whitelite Elec. Co., 370 Broome, New York
WESTINGHOUSE LAMP CO., 165 B'way, New York

Lamps (Incandescent Electric, Car)

See Lamps, Incandescent Electric

7176—Lamps (Incandescent Gas)

See also Lamps, Arc, Gas

Best Light Co., 477 Second, N E, Canton, O.
Kentucky Electrical Co., Owensboro, Ky.
Kern Burner Co., 217 W 125th, New York
Peerless Light Co. ("Peerless" Inverted & Upright), 174 W Randolph, Chicago, Ill.
Welsbach Gas Lamp Co., 1008 Filbert, Philadelphia, Pa.
Wiederhold Mantle & Burner Co., 131 Winfield av, Jersey City, N. J.

7177—Lamps (Incandescent Gasoline)

See also Lamps, Arc, Gasoline

Akron Gas Lamp Co., Akron. O.
Best Light Co., 477 Second, N E, Canton, O.
Canton Incandescent Light Co. ("Canton"), Canton, O.
Coleman Lamp Co. ("Coleman"), Wichita, Kan.
Cole-Halstead Light & Sales Co. ("O. K," Chandelier) Los Angeles, Cal.
Economy Gas Lamp Co., 213 Goodrich, Kansas City, Mo.
Incandescent Light Mfg. Co., Council Bluffs, Ia.
Kitson Hydro Carbon Heating & Incandescent Lighting Co., 2819 Oakford, Philadelphia, Pa.
Pitner Gasoline Lighting Co.. 8 E Kinzie, Chicago, Ill.
Royal Gas Light Co. ("Royal Gem"), 18 W Kinzie, Chicago, Ill.
Sun Vapor & Gas Street Light Co., Canton, O.
Tures Mfg. Co. ("Turz-Lite"), 394 6th, Milwaukee, Wis.

7178—Lamps (Incandescent, Hydro Carbon)

Best Light Co., 477 Second, N E, Canton, O.
Coleman Lamp Co. ("Coleman"), Wichita, Kan.
Economy Gas Lamp Co., 213 Goodrich, Kansas City, Mo.
Kitson Hydro Carbon Heating & Incandescent Lighting Co., 2819 Oakford, Philadelphia, Pa.
Superior Mfg. Co., Ann Arbor, Mich.

7179—Lamps (Incandescent, Kerosene)

Best Light Co., 477 Second, N E, Canton, O.
Coleman Lamp Co. ("Coleman"), Wichita. Kan.
Kitson Hydro Carbon Heating & Incandescent Lighting Co., 2819 Oakford, Philadelphia, Pa.

7180—Lamps (Incandescent Miniature)

Alpha Lamp Co. (Tungsten, Carbon), 113 Grant av, Harrison, N. J.
American Ever Ready Wks. of Nat'l Carbon Co., Thompson av, L. I. City, N. Y.
Berry A. Hall, 71 Murray, New York
Boehm Christian C. (Surgical), Rochester, N. Y.
Boehm H. & Co., Youngstown, O.
Brilliant Electric Works of G. E. Co. ("Brilliant"), Cleveland, O.
Brooklyn Electric Lamp & Novelty Co., 278 Fulton, Brooklyn, N. Y.
BRYAN-MARSH DIVISION ("Bryan-Marsh"), 431 S Dearborn, Chicago, Ill.
Chicago Min. Lamp Wks., 640 W Lake, Chicago, Ill.
Columbia Lamp Division the Nat'l Lamp Works of G. E. Co. ("Columbia"), Title Guaranty bldg, St. Louis, Mo.
Consolidated Electric Lamp Co., Danvers, Mass.
Davis Tungsten Lamp Wks., 535 Van Vorst pl, Union Hill, N. J.
Domestic Tungsten Lamp Co., 575 Bergenline av, West N. Y., N. J.
Edison Lamp Wks. of G. E. Co. (Mazda Carbon), Sussex, Harrison, N. J.
Elec. & Glass Spec. Wks., Toledo, O.
Elux Miniature Lamp Division of G. E. Co. ("Elux"), 6 E 39th, New York
Eureka Lamp Co. (For Auto), 424 Columbia, Weehawken, N. J.
Federal Miniature Lamp Division Nat'l Lamp Works of G. E. Co. ("Federal"), 920 S Mich. av, Chicago, Ill.
GENERAL ELECTRIC CO., (Carbon Mazda) Schenectady, N. Y.
See adv index at end of book
Howard Miniature Lamp Co. (Carbon or Metallic Filament), 487 Orange, Newark, N. J.
Import Sales Co., 27 W 20th, New York
Independent Lamp & Wire Co., 1733 B'way, New York
Interstate Electric Novelty Co. (Carbon, Tungsten), 104 S 4th, Brooklyn, N. Y.
Jaeger H. J. Co. (Nitrogen), 280 Park av, Weehawken, N. J.

Kellogg Switchboard & Supply Co. (Tele. Switchboard), 1066 W. Adams, Chicago, Ill.
Kimball Electric Lamp Co.. 42 E 23d, New York
M. & W. Co., 30 Taylor, Springfield, Mass.
McCandless H. W. & Co. ("Empire"), 406 W 31st, New York
Manweiler A. C. Co., Fort Wayne, Ind.
Novelty Inc. Lamp Co.. Emporium. Pa.
Oettinger F. W. Corp., 52 Vanderbilt av, New York
Rooney F. J. Lamp Co., Hoboken, N. J.
Safety Elec. Co. (Carbon), 537 N Dearborn, Chicago, Ill.
Standard Elec. Novelty Co. (Tungsten, Carbon), 730 W Randolph, Chicago, Ill.
Tipless Lamp Co. (Tipped & Tipless Carbon), Emporium, Pa., & Weehawken, N. J.
Tulite Auto Bulb Co. (For Auto.), Dime Bk. bldg, Detroit, Mich.
U. S. Inc. Lamp Co. (Tungsten, Nitrogen), Ewing & Clark av, St. Louis, Mo.
Vacuum Glass Co., Lynn, Mass.
Vacuu-Rite Lamp Co., 361 W Superior, Chicago, Ill.
Vosburgh Min. Lamp Co. (Tungsten Nitrogen), 289 Valley rd, West Orange, N. J.
Weehawken Tungsten Lamp Co. (Nitrogen), 550 Gregory, Weehawken, N. J.
WESTINGHOUSE ELECTRIC & MFG. CO., E Pittsburgh, Pa.
See adv index at end of book
Wood C. D. Electric Co. ("Solus" Imp.), 441 Broadway, New York

7181—Lamps (Incandescent, Portable)

American Gas Machine Co., Albert Lea, Minn.
Coleman Lamp Co., Wichita, Kan.
Best Light Co., 477 Second, N E, Canton, O.
Balte Mfg. Co. (Gasoline & Kerosene), 125 S Racine av, Chicago, Ill.
Economy Gas Lamp Co., 213 Goodrich, Kansas City, Mo.
Goshen Novelty & Brush Co. (also Gas), Goshen, Ind.
Knight Light Co., 351 W Chicago av, Chicago, Ill.
Pitner Gasoline Lighting Co., 8 E Kinzie, Chicago, Ill.

7182—Lamps (Incandescent Portable Electric)

MORSE FRANK W. ("Morse"), 289 Congress, Boston, Mass.
See adv index at end of book
Rockford Metal Specialty Co., Rockford, Ill.
Salch Geo. J., 239 Centre, New York

7182a—Lamps (Incandescent, Portable, Floor Electric)

MORSE FRANK W. (For Garages), 289 Congress, Boston, Mass.
See adv index at end of book

7183—Lamps (Incandescent Renewed)

American Appliance Co., Indianapolis, Ind.
Anchor Elec. Co., 557 W Jackson, Chicago, Ill.
BOSTON ECONOMY LAMP DIV. ("Boston" Carbon, "Eagle" Tungsten) National Lamp Works of General Electric Co., 43 Hospital, Providence, R. I.
Consolidated Electric Lamp Co. ("Pioneer," "Standard"), Danvers, Mass.
New England Lamp Co., Malden, Mass.
Novelty Incandescent Lamp Co. ("Excel"), Emporium, Pa.
Re-New Lamp Co., Malden, Boston, Mass.
Safety Electric Co., 537 N Dearborn, Chicago, Ill.
Security Elec. Lamp Co., 134 S Clinton, Chicago, Ill.
Standard Electric Lamp Co., 67 Hamilton, Newark, N. J.
V. & D. Elec. Co., Franklin, O.

7184—Lamps (Incandescent Street Series)

GENERAL ELECTRIC CO., (Mazda) Schenectady, N. Y.
See adv index at end of book
WESTINGHOUSE LAMP CO., 165 Broadway, New York

7185—Lamps (Incandescent Vapor Gas)

Best Light Co., 477 Second, N E, Canton, O.
Canton Incandescent Light Co., Canton, O.
Economy Gas Lamp Co., 213 Goodrich, Kansas City, Mo.
Kitson Hydro Carbon Heating & Incandescent Lighting Co., 2819 Oakford, Philadelphia, Pa.
Nat'l Stamping & Electric W'ks ("Nulite"), 424 S Clinton, Chicago, Ill.
Sun Vapor & Gas Street Light Co., Canton, O.
Superior Mfg. Co., Ann Arbor, Mich.

7186— Lamps (Incubator)

Kentucky Stamping Co. ("Kentucko"), Louisville, Ky.

7187—Lamps (Inverted Gas)

Garwood Gas Lamp & Heater Co. ("Garwood" Arc), Canton, O.
General Gas Light Co. ("Humphrey"), Kalamazoo, Mich.
Matchless Brass Mfg. Co. (Inverted & Upright), 57 Jay, Brooklyn, N. Y.
Risinger Bros. Co. ("Risinger," Arc), East Liverpool, O.
Welsbach Gas Lamp Co. ("Welsbach Reflex"), 1008 Filbert, Philadelphia, Pa.

7188—Lamps (Inverted Gasoline)

American Gas Machine Co. ("Hansom" & "American" Hollow Wire System), Albert Lea, Minn.
Best Light Co., 477 Second, N E, Canton, O.
Cole-Halstead Light & Sales Co. ("O. K." System), Los Angeles, Cal.
Coleman Lamp Co. ("Coleman"), Wichita, Kan.
Economy Gas Lamp Co., 213 Goodrich, Kansas City, Mo.
Tures Mfg. Co. ("Turz-Lite"), 394 6th, Milwaukee, Wis.

7189—Lamps (Kerosene Oil)

Best Light Co. ("Best"), 477 Second, N E, Canton, O.
Home Supply Co., 1411 N Wyandotte, Kansas City, Mo.
Knight Light Co., 351 W Chicago av, Chicago, Ill.
Powerlight Co., 210 5th av, New York
Scovill Mfg. Co., Waterbury, Conn.
See adv index at end of book
Thomas Mfg. Co., Dayton, O.

7190—Lamps (Locomotive Gauge)

Dressel Railway Lamp Works (For Steam or Water Gauge), 3860 Park av, New York
Fowler Lamp & Mfg. Co. ("Fowler" Electric), 59 E 24th, Chicago, Ill.
Gray Peter & Sons, Inc. (Water & Steam Gauge, etc), 286 Third, East Cambridge, Mass.
Handlan-Buck Mfg. Co., 310-14 N 3d, St. Louis, Mo.
Knapp Mfg. & Supply Co. (Steam or Water), 241 Water, New York
Porter Co., 241 Water, New York

Lamps (Malleable Iron)

See Torches, Malleable Iron
Also Lamps Hand, Engineers' & Machinists

7191— Lamps (Marine, Oil)

See also Lamps, Automobile; also Projectors or Searchlights
Badger Brass Mfg. Co. ("Solar"), Kenosha, Wis.
Bradley & Hubbard Mfg. Co. (Cabin), Meriden, Conn.
Dietz R. E. Co. ("Paragon"), 60 Laight, New York
Dressel Railway Lamp Works (Revolving Deck Caboose), 3860 Park av, New York
Edmunds & Jones Corp. ("E. & J."), Detroit, Mich.
Miller Edw & Co. (Cabin), Meriden, Conn.
National Marine Lamp Co., Forestville, Conn.
Porter Co., 241 Water, New York
Russell & Stoll Co. (Cabin & Signal), 17 Vanderwater, New York
Russell & Watson (Signal), 225 Washington, Buffalo, N. Y.

7192— Lamps (Mazda)

BRYAN-MARSH DIVISION ("Bryan-Marsh" Drawn Wire), 431 S Dearborn, Chicago, Ill.
COLONIAL SUPPLY CO., 217 Water, Pittsburgh, Pa.
See adv index at end of book
Columbia Lamp Division the Nat'l Lamp Works of G. E. Co. ("Columbia"), Title Guaranty bldg, St. Louis, Mo.
Fostoria Incandescent Lamp Division of G. E. Co. ("Fostoria," Drawn Wire), Fostoria, O.
Franklin Electric Mfg. Co. of G. E. Co. ("Franklin," Drawn Wire), Hartford, Conn.
GENERAL ELECTRIC CO. ("G. E. Co."), Schenectady, N. Y.
See adv index at end of book
National Lamp Works of G. E. Co., Nela Park, Cleveland, O.
Packard Lamp Works of G. E. Co. ("Packard" Mazda & Gem), Warren, O.
Peerless Lamp Works of G. E. Co. ("Peerless"), Warren, O.
Shelby Lamp Division of G. E. Co. ("Shelby"), Shelby, O.
Sterling Electric Lamp Works of G. E. Co. ("Sterling" Drawn Wire), Warren, O.
WESTINGHOUSE LAMP CO., 165 B'way, New York

7193— Lamps (Mazda Sign)

General Electric Co., Edison Lamp Dept. ("Edison" for Multiple Use), Harrison, N. J.

7194—Lamps (Mercury Vapor)

Cooper & Hewitt Electric Co. ("Cooper-Hewitt"), 8th & Grand, Hoboken, N. J.
GENERAL ELECTRIC CO., Schenectady, N.Y. *See adv index at end of book*

7195—Lamps (Metallized-Filament)

WESTINGHOUSE ELECTRIC & MFG CO., East Pittsburgh, Pa.
See adv index at end of book
WESTINGHOUSE LAMP CO., 165 B'way, New York

7196—Lamps (Mine, Acetylene)

Amer. Lava Co., Chattanooga, Tenn.
See adv index at end of book
Dewar Mfg. Co., 30 35th, B'klyn, N. Y.
Hardsocg Martin Co. ("Acetylene"), 922 South av, Pittsburgh, Pa.
Hughes Bros. ("Pathfinder"), Scranton, Pa.
Justrite Mfg. Co. ("Justrite"), 2061 Southport av, Chicago, Ill.
Maple City Mfg. Co., Monmouth, Ill.
MILBURN A. ALEXANDER CO., 1420 W Baltimore, Baltimore, Md.
See adv index at end of book
Simmons John Co. ("Baldwin"), 110 Centre, New York
Union Carbide Sales Co., 42d st bldg., New York
Wolf Safety Lamp Co. of America, ("Wolf"), 80 Washington, New York

7197—Lamps (Miners', Electric)

Concordia Safety Lamp Co., Fulton bldg, Pittsburgh, Pa.
Edison Storage Battery Co., Orange, N. J.
Hirsch Electric Mine Lamp Co. ("Hirsch"), 314 N 12th, Phila., Pa.
Wolf Safety Lamp Co. of America ("Wolf"), 80 Washington, New York

When writing to firms whose names appear in this book please mention
HENDRICKS' COMMERCIAL REGISTER.

7198—Lamps (Miners' Oil & Sunshine)

Anton Geo. T. & Bro., Monongahela, Pa.
Trethaway Bros., Parsons, Pa.

7199—Lamps (Miners' Safety)

Ackroyd & Best (Ltd.), Arrott Power bldg, Pittsburgh, Pa.
AMERICAN SAFETY LAMP & MINE SUPPLY CO. ("Davy," "Clanny," "Marsaut," "Beard-Deputy," "Wolf-Type"), Scranton, Pa.
Anton Geo. T. & Bro. ("Star," "Globe," "Eagle"), Monongahela, Pa.
Dunlap John Co. ("Dunlap's" Seamless), Gregg, Pittsburgh, Pa.
Everhart Brass Works, Scranton, Pa.
Grier Bros., Ltd. ("Star"), 124 2d av, Pittsburgh, Pa.
Handlan-Buck Mfg. Co. (Clany & Davy), 210-14 N 3d, St. Louis, Mo.
Hardsocg Mfg. Co. ("Black Diamond"), Ottumwa, Ia.
Harker Mfg. Co. (Hoppe "Brite-Lite" Cap), 410 Pearl, Cincinnati, O.
Hughes Bros., Scranton, Pa.
Irving Mfg. & Tool Co., 157 Chambers, New York
Jones T. R. Co. ("Black Diamond"), Wilkes-Barre, Pa.
Justrite Mfg. Co. ("Matchless Justrite"), 2061 Southport av, Chicago, Ill.
Koehler Mfg. Co. ("Koehler"), Marlboro, Mass.
McCoy Joseph F. Co. ("Davis" Imported), 157 Chambers, New York
Maple City Mfg. Co., Monmouth, Ill.
Portable Electric Safety Light Co. ("Hubbell" Electric Safety), 10 Johnson, Newark. N. J.
Standard Oil Co. ("Miner's Sunshine"), 555 W 25th, New York
Tunnessen Mfg Co., Hazelton, Pa.
United Lamp Co., Meyers bldg, Springfield, Ill.
What Cheer Tool Co. (Carbide & Oil), What Cheer, Ia.
Wissler A., B'way & Wash. av, St. Louis, Mo.
Wolf Safety Lamp Co. of America ("Wolf"), 80 Washington, New York

7200— Lamps (Mission)

Allegan Carving Mfg. Co., Allegan, Mich.
Brown W. B. Co., Bluffton, Ind.
Daisy Woodcraft Co., Faribault, Minn.
Goshen Novelty & Brush Co., Goshen, Ind.
Lamb Bros. & Greene, Nappanee, Ind.
Limbert Chas. P. Co., Holland, Mich.
Rattan Mfg. Co., New Haven, Conn.

Lamps (Motor)

See Lamps, Automobile, Gas & Oil
Also Headlights, Automobile

7201— *Lamps ("Nernst")

NERNST LAMP CO., Fayette & Garrison pl, Pittsburgh, Pa.

7202— Lamps (Night)

Chandlee H. P. Sons Co., 114 W Lombard, Baltimore, Md.
McFaddin H. G. & Co. (Glow), 38 Warren, New York
Plume & Atwood Mfg. Co., Waterbury, Conn.
Silver & Co. ("Little Beauty" Kerosene), 304 Hewes, Brooklyn, N. Y.

7202a— Lamps (Nitrogen)

Am. Appliance Co. (Standard), Indianapolis, Ind.
Edison Lamp Works of G. E. Co., Sussex, Harrison, N. Y.
Friedlander Oscar Co. (Standard), 40 Murray, New York
Gen'l Elec. Co., Schenectady, N. Y.
See adv index at end of book
Hygrade Lamp Co. (Standard), Salem, Mass.
Independent Lamp & Wire Co. (Standard), 1733 B'way, New York
Jaeger H. J. Co. (Miniature), 280 Park av, Weehawken, N. Y.
McBandless H. W. & Co. (Miniature), 406 W. 31st, New York
Nitrogen Elec. Co. (Standard), 36 Spring, Newark, N. J.
Novelty, Inc., Lamp Co., Emporium, Pa.
Sun Mfg. Co. (Standard), 1328 B'way, New York
Triumph Lamp Wks. (Standard), 149 Palisade av, Union Hill, N. J.
U. S. Inc. Lamp Co. (Standard & Miniature), Ewing & Clark av, St. Louis, Mo.
Victor Lamp Wks., 507 Union pl, Union Hill, N. J.
Vosburg Miniature Lamp Co., 289 Valley rd, West Orange, N. J.
Weehawken Tungsten Lamp Co. (Miniature), 550 Gregory, Weehawken, N. J.
Whitelite Elec. Co. (Standard), 368 Broome, New York

7203— Lamps (Orchestra)

McLeod, Ward & Co. ("Ward"), 430 11th av, New York

Lamps (Oven)

See Illuminators, Oven

Lamps (Photo-Engraving)

See Lamps, Arc, Photo-Engraving

7204— Lamps (Photometer)

American Meter Co. ("Elliott" & "Pentane"), 3112 N 17th, Phila., Pa.

7205-6— Lamps (Pier Head)

Porter Co., 241 Water, New York

Lamps (Pocket, Electric)

See Flashlights, Electric Lamp & Lantern

Lamps (Portable Gasoline)

See Lamps, Incandescent, Portable

7207— Lamps (Railway)

Adams & Westlake Co., 319 W Ontario, Chicago, Ill.
Armspear Mfg. Co., 447 W 53d, New York
Dayton Mfg. Co., Dayton, O.
Dewey F. O. Co., 28 Canal, Boston, Mass.
Dietz R. E. Co. (Track Walkers, Car Inspectors, Conductors, etc), 60 Laight, New York
Dressel Railway Lamp Works, 3860 Park av, New York
Embury Mfg. Co. (Inspectors Lamps), Warsaw, N. Y.
Gray Peter & Sons (Conductors' Signal, Switch Tail, etc.), 286 Third, East Cambridge, Mass.
Handlan-Buck Mfg. Co., 210-14 N 3rd, St. Louis, Mo.
Ohio Lantern Co. ("Baron"), Tiffin, O.
Sherburne & Co., 53 Oliver, Boston, Mass.
Smith of N. Y. Co., 352 Pearl, New York
Star Headlight & Lantern Co., Rochester, N. Y.

7208—Lamps (Semaphore Signal)

Adams & Westlake Co., 319 W Ontario, Chicago, Ill.
Armspear Mfg. Co., 447 W 53d, New York
Dressel Railway Lamp Works (Steel & Tinned), 3860 Park av, New York
Gray Peter & Sons, Inc., 286 Third, E Cambridge, Mass.
Handlan-Buck Mfg. Co., 210 14th nr 3d, St. Louis, Mo.
Star Headlight & Lantern Co., Rochester, N. Y.

7209— Lamps (Signal)

Adams & Westlake Co., 319 W Ontario, Chicago, Ill.
Armspear Mfg. Co., 447 W 53d, New York
Dayton Mfg. Co., Dayton, O.
Dressel Railway Lamp Works (Automatic Engine & "Herculean," "Fassett" & Electric Route, etc), 3800 Park av, New York
Gray Peter & Sons, Inc., 286 Third, E Cambridge, Mass.
Handlan-Buck Mfg. Co., 210-14 N 3d, St. Louis, Mo.
Porter Co., 241 Water, New York
Smith of N. Y. Co., 352 Pearl, New York
Star Headlight & Lantern Co., Rochester, N. Y.

7210— Lamps (Station)

Armspear Mfg. Co., 447 W 53d, New York
Chandlee H. P. Sons Co., 114 W Lombard, Baltimore, Md.
Defiance Lantern & Stamping Co., Rochester, N. Y.
Dressel Railway Lamp Works, 3860 Park av, New York
Gray Peter & Sons, Inc., 286 Third, E Cambridge, Mass.
Handlan-Buck Mfg Co., 210 14 nr 3rd, St. Louis, Mo.
National Marine Lamp Co., Forestville, Conn.
Pritchard Stamping Co., Rochester, N. Y.
Smith of N. Y. Co., 352 Pearl, New York

7211— Lamps (Street)

American Gas Machine Co. ("Hanson" & "American," Gasoline), Albert Lea, Minn.
Best Light Co., 477 Second, N E, Canton, O.
Biddle-Gaumer Co., 3846 Lancaster av, Philadelphia, Pa.
Coleman Lamp Co. ("Coleman"), Wichita, Kan.
Defiance Lantern & Stamping Co., Rochester, N. Y.
Dietz R. E. Co., 60 Laight, New York
Dressel Railway Lamp Works (Gas or Oil), 3860 Park av, New York
Embury Mfg. Co. (Globe, Oil), Warsaw, N. Y.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Handlan-Buck Mfg. Co., 210 14th nr 3d, St. Louis, Mo.
Kitson Hydro-Carbon Heating & Incandescent Lighting Co., 2819 Oakford, Philadelphia, Pa.
Miner Thos. T. W. ("Miner"), 821 Eagle av, New York
Penna Globe Gas Light Co., 1934 Market, Phila., Pa.
Pritchard Stamping Co., Rochester, N. Y.
Smith of N. Y. Co., 352 Pearl, New York

7212— Lamps (Switch)

Adams & Westlake, 319 W Ontario, Chicago, Ill.
Armspear Mfg. Co., 447 W 53rd, New York
Dayton Mfg. Co., Dayton, O.
Dewey F. O., Co., 28 Canal, Boston, Mass.
Dressel Railway Lamp Wks (Steel & Tinned), 3860 Park av, New York
Gray Peter & Sons, Inc., 286 Third, E Cambridge, Mass.
Handlan-Buck Mfg. Co., 210-14 N 3rd, St. Louis, Mo.
Sherburne & Co., 53 Oliver, Boston, Mass.
Star Headlight & Lantern Co., Rochester, N. Y.

7213— Lamps (Table)

Almond T. R. Mfg. Co. ("Almond" Flexo-Electric, Ashburnham, Mass.
Best Light Co., 477 Second, N E, Canton, O.
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Coleman Lamp Co. ("Coleman"), Wichita, Kan.
Dressel Railway Lamp Works ("Belgian" Stand for Desk or Ticket Office), 3860 Park av, New York
Imperial Glass Co., Bellaire, Ohio
Jefferson Glass Co. (Electric), Follansbee, W. Va.
Miller Edw. & Co., Meriden, Conn.
Pairpoint Corporation, New Bedford, Mass.
Parker Chas. Co. (Electric, Gas & Oil), Meriden, Conn.
Pittsburgh Lamp, Brass & Glass Co., 130 7th, Pittsburgh, Pa.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Schroeder Edw. Lamp Works, 716 Jersey av, Jersey City, N. J
Standard Oil Co. of N. Y. ("Rayo" Oil), 555 W 25th, New York
Wreisner Bros., Dassel, Minn.

7214—*Lamps (Table, Acetylene)

MILBURN A. ALEXANDER CO., 1420 W Baltimore, Baltimore, Md.
See adv index at end of book

7215— Lamps (Tantalum)

Brilliant Electric Works of G. E. Co. ("Brilliant"), Cleveland, O.
Buckeye Electric Works of G. E. Co. ("Buckeye"), Cleveland, O.
Columbia Lamp Division the Nat'l Lamp Works of G. E. Co. ("Columbia"), Title Guaranty bldg, St. Louis, Mo.
Edison Lamp Works of General Electric Co., Harrison, N. J.
Federal Miniature Lamp, Division Nat'l Lamp Works, G. E. Company, (Miniature), 920 S Mich. av, Chicago, Ill.
Franklin Electric Mfg. Co. of G. E. Co. ("Franklin"), Hartford, Conn.
National Electric Lamp Co., Cleveland, O.
WESTINGHOUSE LAMP CO., 165 B'way, New York

7215a— Lamps (Therapeutic)

Betz-Frank S. Co., Hammond, Ind.
Cooper-Hewitt Elec. Co., Hoboken, N. J.
Fischer H. G. & Co., 2341 Wabansia av, Chicago, Ill.
Hanovia Chemical & Mfg. Co., 233 N. J. R. R. av, Newark, N. J.
Kny-Scheerer Co., 404 W 27th, New York
Lindstrom-Smith Co., 1104 S Wabash av, Chicago, Ill.
McFaddin H. G. & Co. ("Thermolite"), 38 Warren, New York
Meyer Wm. Co., 817 Washington, Chicago, Ill.
Pitts Elec. Specialties Co., Ross & 1st av, Pittsburgh, Pa.
Schwartz S. Robert & Bro., 729 Broadway, New York
Vioray Mfg. Co., 915 Whitlock av, New York
Wapper Elec. Co., 173 E 87th, New York
Wesler Coil & Elect'l Co., Racine, Wis.

Lamps (Torch)

See Torches, Hand

7216— Lamps (Tungsten)

Alpha Lamp Co. (Carbon), 113 Grant av, Harrison, N. J.
Brilliant Electric Works of G. E. Co. ("Brilliant"), Cleveland, Ohio
Buckeye Electric Works of G. E. Co. ("Buckeye"), Cleveland, Ohio
Columbia Lamp Division the Nat'l Lamp Works of G. E. Co. ("Columbia"), Title Guaranty bldg, St. Louis, Mo.
Consolidated Electric Lamp Co. ("Champion"), Danvers, Mass.
Davis Tungsten Lamp Wks., 535 Van Vorst pl, Union Hill, N. J.
Domestic Tungsten Lamp Co., 418-20 10th, W. New York, N. J.
Edison Lamp Works of General Electric Co., Harrison, N. J.
Fostoria Incandescent Lamp Division of G. E. Co. ("Fostoria"), Fostoria, O.
Franklin Electric Mfg. Co. ("Franklin"), Hartford, Conn.
General Illuminating Co. ("Gico" Imp), 47 Green, New York
Hygrade Lamp Co. ("Hygrade" Vacuum & Gas Filled), Salem, Mass.
Import Sales Co., 27 W 20th, New York
Independent Lamp & Wire Co. (& Nitrogen Gas), 1733 B'way, New York
Kentucky Electrical Co., Owensboro, Ky.
Laco-Phillips Co., 131 Hudson, New York
Lux Mfg. Co. ("Flexible"), Hoboken, N. J.
M. & W. Co., 30 Taylor, Springfield, Mass.
Metalyte Co., 366 W 15th, New York
Novelty Inc. Lamp Co., Emporium, Pa.
Phila. Electrical & Mfg. Co. ("Penco" Arc), 1236 N 31st, Phila., Pa.
Rooney F. J. Lamp Co., 257 14th, Hoboken, N. J.
Shelby Lamp Division of G. E. Co. ("Shelby"), Shelby, Ohio
Standard Elec. Novelty Co. (Carbon), 730 W Randolph, Chicago, Ill.
Sterling Electric Lamp Works of G. E. Co. ("Sterling"), Warren, Ohio
Sunbeam Incandescent Lamp Works of G. E. Co. ("Sunbeam"), 500 S Clinton, Chicago, Ill.
U. S. Inc. Lamp Co. (Nitrogen), Ewing & Clark av, St. Louis, Mo.
Vacuum Glass Co. ("Convolt"), Lynn, Mass.
Vosburgh Min. Lamp Co. (Nitrogen), 289 Valley rd, West Orange, N. J.
Weehawken Tungsten Lamp Co. (Nitrogen), 550 Gregory av, Weehawken, N. J.
WESTINGHOUSE ELEC. & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

7216a—*Lamps (Tungsten Renewed)

BOSTON ECONOMY LAMP DIV. NATIONAL LAMP WORKS OF GENERAL ELECTRIC CO. ("Eagle"), 43 Hospital, Providence, R. I.

7217—Lamps (Turn Down Electric)

Economical Electric Lamp Div. of G. E. Co. ("Hylo-Economical"), 25 W B'way, New York
Rooney F. J. Lamp Co. ("Sun Star"), **Hoboken, N. J.**

7218— Lamps (Vapor)

Best Light Co., 477 Second, N E, Canton, O.
Cooper-Hewitt Electric Co. ("Cooper-Hewitt"), 8th & Grand, Hoboken, N. J.
New York Stamping Co. ("Express"), **N 11th & Berry, Brooklyn, N. Y.**
Superior Mfg. Co., Ann Arbor, Mich.
Ulfers-Holtum Mfg. Co. ("Perfection" Kerosene Burning Lamps), Freeport, Ill.

7219— Lances (Corn)

Murphy's Robt. Sons Co., Ayer, Mass.

7220— Lanterns (Acetylene)

MILBURN A. ALEXANDER CO., 1420 W Baltimore, Baltimore, Md.
See adv index at end of book

Lanterns (Artistic Wrought Iron & Bronze)

See Lamps, Artistic Bronze & Wrought Iron

7221— Lanterns (Bicycle)

Bridgeport Brass Co. ("Search-Light" Oil & Gas), Bridgeport, Conn.
Miller Edw. & Co., Meriden, Conn.

7222—Lanterns (Brass & Tin)

American Gas Machine Co. (Brass Nickeled American), Albert Lea, Minn.
Armspear Mfg. Co., 447 W 53d, New York
Plume & Atwood Mfg. Co. ("Ichabod"), Waterbury, Conn.
Universal Metal Spinning & Stamping Co., 69 Wooster, New York

7223— Lanterns (Candle)

Kraft A. C. ("Eldnac"), 323 W Lake, Chicago, Ill.
Porter Co., 241 Water, New York

7224—Lanterns (Dash Board)

Defiance Lantern & Stamping Co., Rochester, N. Y.
Embury Mfg. Co., Warsaw, N. Y.
Iddings Co. ("Peerless" Cold Blast), Warren, Ohio
Lisk Mfg. Co. (Ltd.) ("Lisk," Hot Blast), Canandaigua, N. Y.
Porter Co., 241 Water, New York
Pritchard Stamping Co., Rochester, N. Y.
Smith of N. Y. Co., 352 Pearl, New York

7225— Lanterns (Electric)

Attacho Light Co. ("Attacho"), Syndicate Trust bldg, St. Louis, Mo.
Beacon Electric Works ("Friars"), 132 King, New York
Hytee's Factories, Inc. ("Two-Cell"), Indianapolis, Ind.
Jenks Lantern Co. ("Jenks"), 208 N 5th av, Chicago, Ill.
MANHATTAN ELECTRICAL SUPPLY CO., ("Redsealite," "Mescolite," "Dark Room"), 17 Park pl, New York
See adv index at end of book
Millar R. M. Electric Works ("Handy Andy"), 9 S Clinton, Chicago, Ill.
Stewart-Skinner Co., Worcester, Mass.

7226—Lanterns (Eye Testing)

Gray Peter & Sons (Inc.), 286 Third, East Cambridge, Mass.

7227— Lanterns (Japanese)

Kyoto Mfg. & Trading Co., 31 E 17th, New York
Morimura Bros., 55 W 23d, New York

7228— Lanterns (Police)

Knapp Mfg. & Supply Co. ("Bull's Eye"), 241 Water, New York
National Enameling & Stamping Co., 411 5th av, New York
Smith of N. Y. Co., 352 Pearl, New York

7229— Lanterns (Railway)

Adams & Westlake Co., 319 W Ontario, Chicago, Ill.
Armspear Mfg. Co. (Wire & Steel Guard), 447 W 53d, New York
Boesch Lamp Co., 962 Mission, San Francisco, Cal.
Dayton Mfg. Co., Dayton, O.
Defiance Lantern & Stamping Co., Rochester, N. Y.
Dewey F. O. Co., 28 Canal, Boston, Mass.
Dietz R. E. Co., 60 Laight, New York
Dressel Railway Lamp Works, 3860 Park av, New York
Gray Peter & Sons, Inc. (Conductors, Signal, Switch, Tail, etc), 286 Third, East Cambridge, Mass.
Handlan, Buck Mfg. Co., 210-14 N 3d, St. Louis, Mo.
Keystone Lantern Co. ("Casey"), Tacony & Cottman, Phila., Pa.
Pritchard Stamping Co., Rochester, N. Y.
Rochester Head Light Works (Jas. H. Kelly, Prop.), Rochester, N. Y.
St. Louis Lantern Co., 18 Lucas av, St. Louis, Mo.
Smith of N. Y. Co., 352 Pearl, New York
Standard Oil Co. of N. Y., 555 W 25th, New York
Star Headlight & Lantern Co., Rochester, N. Y.
Tufts National Meter Co., 455 Commercial, Boston, Mass.

7230—Lanterns (Tubular, Etc.)

Acorn Brass Mfg. Co. ("Uni-Lite" Kerosene Oil or Gasoline), 426 S Clinton, Chicago, Ill.
American Gas Machine Co., Albert Lea, Minn.
Best Light Co. ("Best"), 477 Second, N. E, Canton, O.
Buhl Stamping Co., Detroit, Mich.
Burchwell Mfg. Co. ("Bright Eye"), Pontiac bldg, St. Louis, Mo.
Defiance Lantern & Stamping Co., Rochester, N. Y.
Dietz R. E. Co., 60 Laight, New York
Economy Gas Lamp Co. (Gasoline), 213 Goodrich, Kansas City, Mo.
Embury Mfg. Co. ("Midget" & "Supreme"), Warsaw, N. Y.
Iddings Co. ("Peerless," "Buckeye"), Warren, Ohio
Keystone Lantern Co. ("Casey"), Tacony & Cottman, Phila., Pa.
Knight Light Co., 351 W Chicago av, Chicago, Ill.
Lisk Mfg. Co. (Ltd.), ("Lisk," Cold Blast), Canandaigua, N. Y.
National Marine Lamp Co., Forestville, Conn.
Pritchard Stamping Co. ("Prisco"), Rochester, N. Y.
Standard Oil Co. of N. Y., 555 W 25th, New York
Thomas Mfg. Co. (Oil), Dayton, O.
Tures Mfg. Co. (Gasoline), 394 6th, Milwaukee, Wis.
Wheeling Stamping Co. ("Paull's Leader," Cold & Hot Blast, also Short Globe Cold Blast), Wheeling, W. Va.
Yale Light Co. (Gasoline), 541 Washington blvd, Chicago, Ill.

7230a—*Lards & Cutting Lubricants

Stuart D. A. & Co., 29 S La Salle, Chicago, Ill.

7231— Lariats

Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
Samson Cordage Works, Broad, Boston, Mass.

7232— Larries

Alliance Machine Co., Alliance, Ohio
Anderson W. H. Tool & Supply Co. (For Stone & Timber), Brush & Macomb, Detroit, Mich.
Atlas Car & Mfg. Co. (Electric Car), Cleveland, O.
Atlas Engineering Co., Amherst, O.
See adv index at end of book
Chattanooga Car & Foundry Co. (Coke), Chattanooga, Tenn.
Connellsville Mach. & Car Supply Co., Connelsville, Pa.
Helmick Foundry & Machine Co. (Coke Oven Charging), Fairmont, W. Va.
JEFFREY MFG. CO. (Coke Ovens), 961 N Fourth, Columbus, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Niles Mine & Mill Supply Co., Cleveland, O.
Phillips Mine & Mill Supply Co. (Coke Oven), 2227 Jane, Pittsburgh, Pa.
Schaefer Mfg. Co. (Coke), Birmingham, Ala.
Scottdale Machine & Mfg. Co. (Electric Coal & Coke Oven Charging), Scottdale, Pa.
Wellman-Seaver-Morgan Co., Cleveland, O.

7233— Lashes (Leather)

Bardall J. C. Co. (Buckskin, Georgia Ox, etc.), Moundsville, W. Va.
Raniville F. Co. (Whip), Grand Rapids, Mich.

7234— Latches (Barn Door)

Albany Hardware Specialty Mfg. Co. ("Whitcomb"), Albany, Wis.
Allith-Prouty Co. ("Prouty"), Danville, Ill.
Arcade Mfg. Co. ("Rex"), Freeport, Ill.
Aurora Door Hanger & Spec. Co., Aurora, Ill.
Bolles Wm. B., Post Office Box 600, Milwaukee, Wis. *See adv index at end of book*
Brewer Bros. Co. (Wrought), 614 Filbert, Phila., Pa.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Burgess & Norton Mfg. Co. ("Bur-Nor"), Geneva, Ill.
Corbin P. & F., New Britain, Conn.
Cronk & Carrier Mfg. Co. (Steel), 150 Lake, Elmira, N. Y.
See adv index at end of book
Diehl Novelty Co. ("Diehl"), Glenbeulah, Wis.
Frantz Mfg. Co. ("Positive"), Sterling, Ill.
Grey Iron Casting Co., Mt. Joy, Pa.
Hager C. & Sons Hinge Mfg. Co. (Wrought Steel Japanned), St. Louis, Mo.
Hammer & Co. ("Boynton," Branford, Conn.
Hardware Specialty Mfg. Co. ("H. W." for Barn, Box Stalls, Corn Cribs, etc.), Anderson, Ind.
Hunt, Helm, Ferris & Co. ("Harvard" & "Star" Automatic), Harvard, Ill.
Lawrence Bros. (Automatic & Regular), Sterling, Ill.
National Mfg. Co. (All Steel), Sterling, Ill.
Peck C. A. Hardware Co. ("Gem," "Security," "Jewell"), Berlin, Wis.
Penn Hardware Co., Reading, Pa.
Porter J. E. Co., Ottawa, Ill.
Reading Hardware Co., Reading, Pa.
Richards-Wilcox Mfg. Co., Aurora, Ill.
Russell & Erwin Mfg. Co., New Britain, Conn.
Safety Door Hanger Co., Ashland, O.
Sargent & Co., New Haven, Conn.
STANLEY WORKS (also Garage), New Britain, Conn.
See adv index at end of book
Stover Mfg. Co., Freeport, Ill.
Wagner Mfg. Co. ("Daisy"), Cedar Falls, Ia.
Weller Hdwe. & Fdry. Co., Horseheads, N. Y.
Wrightsville Hdw. Co. (Wrought), Wrightsville, Pa.

Latches (Cupboard)

See Catches, Cupboard, Screen Door, etc

7234a— Latches (Door)

Bolles Wm. B. (Automatic Release, Two Point, Mortise, Fire Exit, Dead Locking Knob, Spring Actuated), P. O. Box 600, Wilwaukee, Wis.
See adv index at end of book

7235— Latches (Fire Door)

Aurora Door Hanger & Spec. Co., Aurora, Ill.
Brewer Bros. Co. (Wrought, for Sliding Fire Door), 614 Filbert, Phila., Pa.
Peters Jas. & Son ("Wrought" Iron), 1934 N Front, Phila., Pa.
Richards-Wilcox Mfg. Co. (Steel), Aurora, Ill.
Slaymaker Lock Co., Lancaster, Pa.
Stover Mfg. Co., Freeport, Ill.
Stowell Co. The, S Milwaukee, Wis.
Vonnegut Hardware Co. ("Don Duprin"), Indianapolis, Ind.

7236—Latches (Fire Station, Bumper & Door Holder)

Chicago Spring Butt Co. ("Chicago"), 340 Union Park ct, Chicago, Ill.

7237— Latches (Gate)

Allith-Prouty Co. ("Allith," for Gate Cold Storage Door, etc), Danville, Ill.
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Auer Jno. Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.
Brewer Bros. Co. (Wrought, with Catch & Staple), 614 Filbert, Phila., Pa.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Chantrell Hardware & Tool Co., Reading, Pa.
Columbus Brass Co., 538 Dublin av, Columbus, O.
See adv index at end of book
Dent Hardware Co. (Secret), Fullerton, Pa.
Duffy Mfg. Co. ("Chicago"), 214 W Grand av, Chicago, Ill.
Grey Iron Casting Co. ("Donegal"), Mt. Joy, Pa.
Kupferle Jno. C. Foundry Co., 1st & Wright, St. Louis, Mo.
Penn Hardware Co, Reading, Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book
Susquehanna Casting Co., Wrightsville, Pa.
Weller Hdwe. & Fdry. Co., Horseheads, N. Y.
Western Brass Mfg. Works (Reversible Office, etc), Marshall blvd & W 21st, Chicago, Ill.
Wrightsville Hardware Co. ("Shepard's" "St. Louis" Pattern, etc), Wrightsville, Pa.
Yale & Towne Mfg. Co., 9 E 40th, New York

7238— Latches (Lavatory)

Chicago Spring Butt Co., 340 Union Park ct, Chicago, Ill.

7238a— Latches (Lever)

Bolles Wm. B., P. O. Box 600, Milwaukee, Wis. *See adv index at end of book*

7239— Latches (Night)

Bohannan Wilson, 760 Lexington av, B'klyn, N. Y.
Bolles Wm. B., P. O. Box 600, Milwaukee, Wis. *See adv index at end of book*
Chantrell Hardware & Tool Co., Reading, Pa.
Climax Co., 275 Passaic, Newark, N. J.
Corbin P. & F., New Britain, Conn.
Deitz Alonzo E. (Tubular Run, Mortise, etc), 73 Clymer, Brooklyn, N. Y.
Eagle Lock Co., Terryville, Conn.
Fraim E. T. Lock Co. ("Keystone" & "Fraim"), Lancaster, Pa.
Huber Mfg. Co. ("Huber," "Gibraltar," "Victor," "Barnes"), 417 E 93d, New York
Miller J. Walter Co., Lancaster, Pa.
Miller Lock Co. ("Champion," "Lincoln" & "Miller" Run), 4523 Tacony, Phila., Pa.
Penn Hardware Co. ("Heizmann"), Reading, Pa.
Romer & Co., 275 Passaic, Newark, N. J.
Russell & Erwin Mfg. Co., New Britain, Conn.
Safe Padlock & Hardware Co., Lancaster, Pa.
Sargent & Co., New Haven, Conn.
Sargent & Greenleaf Co., Rochester, N. Y.
Skillman Hardware Mfg. Co., Trenton, N. J.
Slaymaker Lock Co., Lancaster, Pa.
Yale & Towne Mfg. Co., 9 E 40th, New York

7240—Latches (Refrigerator)

Allith-Prouty Co. ("Allith"), Danville, Ill.
Arcade Mfg. Co., Freeport, Ill.
Brainerd Mfg. Co., East Rochester, N. Y.
Dent Hardware Co., Fullerton, Pa.
Greene, Tweed & Co., 109 Duane, New York
National Refrigerator & Fixture Co., 8th & Park, St. Louis, Mo.
Payson Mfg. Co. ("Universal"), 2918 W Jackson blvd, Chicago, Ill.
Penn Hardware Co., Reading, Pa.
Safe Padlock & Hardware Co., Lancaster, Pa.
Sargent & Co., New Haven, Conn.
Tiebout W. & J., 118 Chambers, New York
Western Brass Mfg. Works (Brass, Bronze & Malleable Iron, Japanned), Marshall blvd & W 21st, Chicago, Ill.

7241—Latches (Screen & Storm Door)

Corbin P. & F., New Britain, Conn.
Watrous Acme Mfg. Co., Des Moines, Ia.

7242— Latches (Shutter)

Western Brass Mfg. Works (Brass & Bronze), Marshall blvd. & W 21st, Chicago, Ill.

Latches (Sliding Door)

See Locks & Latches, Sliding Door

7243— Latches (Spring)

Bolles Wm. B., P. O. Box 600, Milwaukee, Wis. *See adv index at end of book*
Hardware Supply Co., Grand Rapids, Mich.

Latches (Thumb)

See Latches, Gate

7244—Latches (Water Closet)

Corbin P. & F., New Britain, Conn.
Ives H. B. Co., New Haven, Conn.
Russell & Erwin Mfg. Co., New Britain, Conn.
Yale & Towne Mfg. Co., 9 E 40th, New York

When writing to firms whose names appear in this book please mention HENDRICKS' COMMERCIAL REGISTER.

7245-6—Lath Binders & Trimmers

American Sawmill Machinery Co., Hackettstown, N. J.
Butterworth & Lowe (Combined), Grand Rapids, Mich.
Chase Turbine Mfg. Co., Orange, Mass.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Diamond Iron Works, 2nd & 18th, Av N, Minneapolis, Minn.
Filer & Stowell Co., Milwaukee, Wis.
Garland M. Co., Bay City, Mich.
Hall & Brown Wood Working Machine Co., 1913 N B'way, St. Louis, Mo.
Lane Mfg. Co., Montpelier, Vt.
Lyon Iron Works, Greene, N. Y.
Mitts & Merrill, 1939 S Water, Saginaw, Mich.
Murray D. J. Mfg. Co., Wausau, Wis.
Phoenix Mfg. Co. (Lath Bundler), Eau Claire, Wis.
Standard Saw Mill Machy. Co., Erie, Pa.
Wickes Bros., Saginaw, Mich.
See adv index at end of book

Lath Bolters

See Lath Mills & Bolters

7247— Lath (Expanded Metal)

American Rolling Mill Co. ("Imperial," "Spiral"), Middletown, O.
American Sheet Metal Lath Co., 426 3d av, Brooklyn, N. Y.
Berger Mfg. Co. ("B. B."), Canton, O.
Bostwick Steel Lath Co., Niles, O.
Brier Hill Steel Co. ("Cleveland," "Economy," "Garry"), Youngstown, O.
Consolidated Expanded Metal Co.'s, Braddock, Pa.
Corrugated Bar Co., Mutual Life bldg, Buffalo, N. Y.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Eastern Expanded Metal Co., 65 Franklin, Boston, Mass.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Expanded Metal Engineering Co., 8 W 40th, New York
Expanded Metal Fireproofing Co., 541 Wood, Pittsburgh, Pa.
General Fireproofing Co. ("Herringbone," "Key"), Youngstown, O.
Halloway Expanded Metal Co., 515 2d, San Francisco, Cal.
Hastings Foundry & Iron Works, Hastings, Neb.
Milwaukee Corrugating Co. ("Netmesh" Expanded Diamond), Milwaukee, Wis.
Northwestern Expanded Metal Co. ("Chanelath," Kno-Burn"), Old Colony bldg, Chicago, Ill.
Penn Metal Co. ("Penco," "Hampton"), 65 Franklin, Boston, Mass.
Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
Reeves Mfg. Co., Dover, O.
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
Sharon Steel Hoop Co. ("Mahoning"), Sharon, Pa.
Sykes Metal Lath & Roofing Co., Niles, O.
Truscon Steel Co. (Hy, Rib & Rib Lath), Youngstown, O.
Youngstown Pressed Steel Co. ("Ideal" "Machinery," "Youngstown"), Youngstown, O.

7248— Lath (Metal)

See also Lath, Expanded Metal

American Luxfer Prism Co., 1018 37th, Chicago, Ill.
American Rolling Mill Co. ("Kuhne's Clincher"), Middletown, O.
American Sheet & Tin Plate Co. ("Cambridge Rigid Reversible"), Frick bldg, Pittsburgh, Pa.
Berger Mfg. Co. of Calif., 1120 Mission, San Francisco, Cal.
Bostwick Steel Lath Co. ("Bostwick" Truss-Loop, Painted & Galvanized), Niles, O.
Boston Metal Ceiling & Mfg. Co., 516 Atlantic av, Boston, Mass.
Brier Hill Steel Co., Youngstown, O.
Brooklyn Metal Ceiling Co. ("Brooklyn"), 287 Greene av, Brooklyn, N. Y.
Burton W. J. Co., Junction & Federal, Detroit, Mich.
Consolidated Expanded Metal Co.'s (Diamond), Braddock, Pa.
Corrugated Bar Co., Mutual Life bldg, Buffalo, N. Y.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Edwards Metal Structure Co., Kansas City, Mo.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Garden City Sand Co., Chamber of Comm. bldg, Chicago, Ill.
General Fireproofing Co. (Sheet), Youngstown, O.
Goldsmith Metal Lath Co. ("Shurbond"), 53 Central av, Cincinnati, O.
Hayes Geo. Co., 311 E 23d, New York
Horner & Co. (Steel or Iron), W. S. Oliver bldg., Pittsburgh, Pa.
Merchant & Evans Co., 2035 Washington av, Phila., Pa.
See adv index at end of book
Meurer Bros. Co., 575 Flushing av, Brooklyn, N. Y.
Penn Metal Ceiling & Roofing Co. (Ltd.) ("American" & "Penn"), 23d & Hamilton, Phila., Pa.
Penn Metal Co. ("Penco," "Hampton"), 65 Franklin, Boston, Mass.
Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
Reeves Mfg. Co., Dover, O.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
Sharon Steel Hoop Co. ("T. & C."), Sharon, Pa.
Sykes Metal Lath & Roofing Co., Niles, Ohio
Truscon Steel Co. (Hy-Rib & Rib Lath), Youngstown, O.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.) ("Crescent"), Wheeling, W. Va.

7249— Lath Mills & Bolters

Abbott D. S. Co. (Combined Gang), Olean, N. Y.
Adams S. & Son (Lath Mills only), Rome, N. Y.
ALLIS CHALMERS MFG. CO., Milwaukee, Wis.
See adv index at end of book
American Sawmill Machinery Co. ("American"), Hackettstown, N. J.
American Woodworking Machinery Co., Rochester, N. Y.
Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Butterworth & Lowe (Combination), Grand Rapids, Mich.
Chase Turbine Mfg. Co., Orange, Mass.
Conner J. W. & Son (Combined), Orangeville, Pa.
Curtis & Co. Mfg. Co., 1571 Klienlen av, St. Louis, Mo.
Diamond Iron Works, 2nd & 18th Av N, Minneapolis, Minn.
Filer & Stowell Co., Milwaukee, Wis.
Garland M. Co., Bay City, Mich.
Hall & Brown Woodworking Machine Co., 1913 N B'way, St. Louis, Mo.
Howell R. R. & Co., 31st av, Minneapolis, Minn.
Kline Lewis T., Alpena, Mich.
Knight Mfg. Co., Canton, Ohio.
Lane Mfg. Co. (Combination), Montpelier, Vt.
Lyon Iron Works (Gang), Greene, N. Y.
Mitts & Merrill (Combination), 1939 S Water, Saginaw, Mich.
Moltz Jacob J. (Combined), Williamsport, Pa.
Murray D. J. Mfg. Co., Wausau, Wis.
Newman Machine Co., Greensboro, N. C.
Phoenix Mfg. Co., Eau Claire, Wis.
Smith H. B. Machine Co., Smithville, N. J.
Smith, Myers & Schnier Co., 621 W Front, Cincinnati, O.
Standard Saw Mill Machinery Co., Erie, Pa.
Union Iron Works, Bangor, Me.
United States Machine Co. (Combined or Separate), Williamsport, Pa.
Wheland Co. (Combined), Chattanooga, Tenn.
Wickes Bros., Saginaw, Mich.
See adv index at end of book

7250— Lath (Oblong Mesh)

Consolidated Expanded Metal Co.'s (Designated A & B), Braddock, Pa.

7251— Lath (Wire)

Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.
Clinton Wire Cloth Co., Clinton, Mass.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
MICHIGAN WIRE CLOTH CO., 500 Howard, Detroit, Mich.
See adv index at end of book
New Jersey Wire Cloth Co., Trenton, N. J.
Rogers Wire Works (Inc.), Belleville, N. J.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
WRIGHT WIRE CO. ("Excelsior"), Worcester, Mass.
See adv index at end of book

7252— Lath & Picket Mills

Abbott D. S. Co., Olean, N. Y.
Adams S. & Son, Rome, N. Y.
American Woodworking Machinery Co., Rochester, N. Y.
Butterworth & Lowe, Grand Rapids, Mich.
Chase Turbine Mfg. Co., Orange, Mass.
Curtis & Co., Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Filer & Stowell Co., Milwaukee, Wis.
Garland M. Co., Bay City, Mich.
Howell R. R. & Co., 31st av, Minneapolis, Minn.
Kenyon Lumber Co., Sandy Hill, N. Y.
Kline Lewis T., Alpena, Mich.
Lane Mfg. Co. (Lath), Montpelier, Vt.
Mitts & Merrill, Saginaw, Mich.
Murray D. J. Mfg. Co., Wausau, Wis.
Phoenix Mfg. Co., Eau Claire, Wis.
St. Croix Paper Co., 244 Washington, Boston, Mass.
Smith H. B. Machine Co., Smithville, N. J.
Smith, Myers & Schnier Co., 621 W Front, Cincinnati, Ohio
Union Iron Works, Bangor, Me.
Wickes Bros., Saginaw, Mich.
See adv index at end of book

7253— Lathe & Saw

Millers Falls Co. ("Champion," "Goodell"), 28 Warren, New York

7253a—Lathes (Automatic Wood Turning)

Estes E. B. & Sons, 364 Fifth av, New York
See adv index at end of book

Lathes (Axe Handle)

See Lathes, Handle Turning

PATENTS
Our Hand Book on Patents, Trade Marks, etc., sent free. Patents procured through Munn & Co., receive free notice in the Scientific American.
Munn & Co., 699 Woolworth Bldg., N. Y.
Washington Office: 625 F Street, Washington, D. C.

7254—Lathes (Axle Turning)

Bridgeford Machine Tool Works (Single & Double Head), Rochester, N. Y.
See adv index at end of book
Defiance Machine Works, Defiance, O.
Fitchburg Machine Works ("Lo Swing"), Fitchburg, Mass.
Johnson Israel H. Jr. Co., 337 N 15th, Phila., Pa.
Niles-Bement-Pond Co., 111 B'way, New York
Putnam Machine Co., Fitchburg, Mass.
Sellers Wm. & Co., 1600 Hamilton, Philadelphia, Pa.

7255—Lathes (Backing-Off or Relieving)

Cleveland Milling Mach. Co., 18511 Euclid av, Cleveland, O.

Lathes (Ball Turning)

See Lathes, Variety Turning

7256— Lathes (Barrel)

Oram John S. Co. (Barrel Turning), Cleveland, O.
Strait H. N. Mfg. Co., Kansas City, Kans.

7257— Lathes (Bench)

Ames B. C. Co. ("Ames" For Work up to 2½ inches), Waltham, Mass.
Dalton Mfg. Corp., 1915 Park av, New York
Diamond Machine Co. ("Diamond"), Providence, R. I.
Garvin Machine Co., 147 Varick, New York
Goodell-Pratt Co. (Amateur), Greenfield, Mass.
Greenfield Tap & Die Corp. ("Wells"), Greenfield, Mass.
See adv index at end of book
Hardinge Bros. (Precision), 4203 Ravenswood av, Chicago, Ill.
Hjorth Lathe & Tool Co (Precision), 27 School, Boston, Mass.
McWilliams Thomas, 237 Eddy, Providence, R. I.
Moseley Lathe Co., Elgin, Ill.
Oliver W. W. Mfg. Co., 1483 Niagara, Buffalo, N. Y.
Potter S. A. Tool & Mach. Wks., 79 E. 130th, New York
Pratt & Whitney Co., Hartford, Conn.
Prentiss Henry & Co., Inc. (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York
See adv index at end of book
Rivett Lathe & Grinder Co. ("Rivett"), 2 Brooks, Brighton, Boston, Mass.
Seneca Falls Mfg. Co. ("Star"), Seneca Falls, N. Y.
Sloan & Chase Mfg. Co. (Ltd.) (& Attachments), 351 6th av, Newark, N. J.
STARK TOOL CO. ("Stark" Machinists'), Waltham, Mass.
See adv index at end of book
Up-To-Date Tool Co. (With Grinding Attachment), 60 K, So Boston, Mass.
See adv index at end of book
Van Norman Machine Tool Co. (Machinists), Springfield, Mass.
Wade Walter H. ("Wade" Precision), 311 Atlantic av, Boston, Mass.
Welch T. F. Co., 55 Sudbury, Boston, Mass.

Lathes (Bobbin)

See Spool & Bobbin Machinery

7258— Lathes (Bolt & Stud)

See also Lathes, Turret

Bradford Machine Tool Co., Cincinnati, O.
Johnson I. H. Jr., Co., 337 N 15th, Phila., Pa.
Niles-Bement-Pond Co., 111 B'way, New York
Reed-Prentice Co. (14 & 16 inch Swing), Worcester, Mass.

7259—Lathes (Brass Finishers')

American Tool & Machine Co. ("Fox"), 10 High, Boston, Mass.
Bardons & Oliver, Cleveland, O.
Dreses Machine Tool Co., Cincinnati, O.
Foster Machine Co., Elkhart, Ind.
Grabo E. O. Machine Works, 180 Centre, New York
Johnson Israel H. Jr. Co., 337 N 15th, Phila., Pa.
Le Blond R. K. Machine Tool Co., Cincinnati, O.
Niles-Bement-Pond Co., 111 B'way, New York
Pratt & Whitney Co., Hartford, Conn.
Pryibil P. Machine Co., 520 W 41st, New York
Springfield Machine Tool Co., Springfield, Ohio
Warner & Swasey Co., Cleveland, O.

Lathes (Broom Handle Turning)

See Broom Handle Machinery; also Lathes, Handle Turning

7260—Lathes (Buffing & Polishing)

Arvac Mfg. Co. ("Jenny" Electric Grinder, Buffer & Polisher), Anderson, Ind.
Astle H. J. & Co. ("Boland"), 118 Orange, Providence, R. I.
Automatic Buffing Machine Co., Buffalo, N. Y.
Bennett-O'Connell Co., 3600 S Morgan, Chicago, Ill.
Bradley H. C., Bridgeport, Conn.
Bridgeport Safety Emery Wheel Co., Bridgeport, Conn.
Builders' Iron Foundry ("Builders"), 9 Codding, Providence, R. I.
Chicago Wheel & Mfg. Co. ("Eureka"), 1101 W Monroe, Chicago, Ill.
Crown Rheostat & Supply Co., 15 S Desplaines, Chicago, Ill.
Diamond Machine Co. ("Diamond"), Providence, R. I.
Eager Elec. Co. (Ball Bearing), Watertown, N. Y.
Evans Jno. Sons, 506 N 13th, Phila., Pa.
Excelsior Tool & Machine Co., 32d & Ridge, E St. Louis, Ill.
Gardner Machine Co. (Ball Bearing), Beloit, Wis.
General Platers Supply Co., 489 - 493 Broome, New York
Goodell-Pratt Co., Greenfield, Mass.
Grabo E. O. Machine Works, 180 Centre, New York
Greenfield Tap & Die Corp. ("Wells"), Greenfield, Mass.
See adv index at end of book
Hanson & Van Winkle Co., 269 Oliver, Newark, N. J.
L'Hommedieu Chas. F. & Sons Co., 24 S Clinton, Chicago, Ill.
Middleditch Benj., Detroit, Mich.
Model Machine Works (Hilmar Mueller, Prop.), Trenton, N. J.
Mueller Mach. Co., Trenton, N. J.
Munning-Loeb Co., Matawan, N. J.
Noble & Westerbrook Mfg. Co., Hartford, Conn.
See adv index at end of book
Oliver Machy. Co., Grand Rapids, Mich.
Oliver W. W. Mfg. Co., 1483 Niagara, Buffalo, N. Y.
Pryibil P. Machine Co., 520 W 41st, New York
Racine Electric Co., 53 W Jackson blvd, Chicago, Ill.
Roth Bros. & Co., 1400 W Adams, Chicago, Ill.
Safety Emery Wheel Co., Springfield, O.
Springfield Mfg. Co., Bridgeport, Conn.
Stevens Frederick B., 3d & Larned, Detroit, Mich.
Superior Corundum Wheel Co., Waltham, Mass.
Tanite Co., Stroudsburg, Pa.
Valley City Machine Works, Grand Rapids, Mich.
Webster & Perks Tool Co. (Self-Oiling), Springfield, O.

7261—Lathes (Car & Driving Wheel)

Betts Machine Co. (For Driving Wheels), Maryland av & South, Wilmington, Del.
Niles-Bement-Pond Co., 111 B'way, New York
Putnam Machine Co., Fitchburg, Mass.
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.

Lathes (Carving)

See Wood Carving Machines

Lathes (Chasing)

See Lathes, Brass Finishers'

Lathes (Chucking)

See Chucking Machinery

Lathes (Crank Pin)

See Crank Pin Turning Machine

Lathes (Crank Shaft Turning)

See Lathes, Shaft Turning; also Crank Pin Turning Machines

7262— Lathes (Cutting Off)

Hurlbut-Rogers Machinery Co., South Sudbury, Mass.
Le Blond R. K., Machine Tool Co., Cincinnati, O.
Niles-Bement-Pond Co., 111 B'way, New York
Pratt & Whitney Co., Hartford, Conn.
Putnam Machine Co., Fitchburg, Mass.

7263—Lathes (Die Reaming)

Morgan Construction Co., Worcester, Mass.

Lathes (Drill)

See Lathes, Hand & Drilling

Lathes (Driving Wheel)

See Lathes, Car & Driving Wheel

7264— Lathes (Engine)

Advance-Rumeley Co., Laporte, Ind.
American Tool Works Co., Cincinnati, O.
Barker Wm. & Co., Covington, Ky.
Barnes Drill Co., Rockford, Ill.
Bell Elec. Motor Co. ("Bell" Heavy Duty, 18 in.), Garwood, N. J.
Boye & Emmes Machine Tool Co., Cincinnati, O.
Bradford Machine Tool Co. (14 to 42-inch Swing), Cincinnati, O.
Bridgeford Machine Tool Wks,, Rochester, N. Y. *See adv index at end of book*
Carroll Jamieson Machine Tool Co. (14-inch Quick Change), Batavia, O.
Champion Blower & Forge Co. ("Lancaster"), Lancaster, Pa.
Champion Tool Works Co. (12 to 18 in. Swing Screw Cutting), 4955 Spring, Grove av, Cincinnati, O.
Cincinnati Iron & Steel Co. ("Cisco"), Cincinnati, O.
Cincinnati Lathe & Tool Co., North Oakley, Cincinnati, O.
Cisco Machine Tool Co., Cincinnati, O.
Crawford Machine Tool Co., Inc. ("Crawford") (15 in. Tool Room 20 in. & 25 in. Heavy Duty), 21 Park row, New York. *See adv index at end of book*

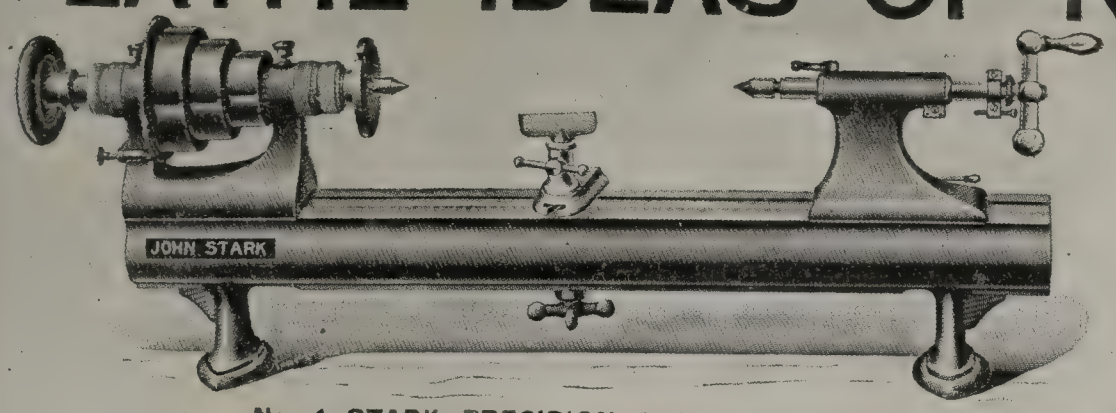
CRAWFORD LATHES

One of our first principles is that "a good name constitutes the best asset of every business"

CRAWFORD MACHINE TOOL CO., Inc.
21 Park Row, New York

Dalton Mfg. Corp., 1915 Park av, New York
Davenport Locomotive Wks., Davenport, Ia.
Davis C. F. Machine Co., Inc., 133 Andrews, Rochester, N. Y.
Davis Machine Tool Co. ("Davis"), Rochester, N. Y.
Driggs Mfg. Corp. (20 to 65 inch Single & Double Back Gear), New Haven, Conn.
DUFF MFG. CO., N S, Pittsburgh, Pa.
See adv index at end of book
Fay Machine Tool Co. ("Fay" Automatic), 2d & Glenwood av, Phila., Pa.
Fay & Scott, Dexter, Mo.
Flather & Co. (Screw Cutting, etc, 13 to 28-inch Swing), Nashua, N. H.
Fulton Mach. Tool Co., 1436 Bryan pl, Chicago, Ill.
Gisholt Machine Co., Madison, Wis.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Greaves, Klusman Tool Co., Cincinnati, O.
Hamilton Machine Tool Co. (14 to 48-inch), Hamilton, O.
Harris-Corliss Engine & Machine Co. ("Providence"), Park, Providence, R. I.
Hendey Machine Co. (Hendey 12 to 24-inch Swing, Belt-Cone & All Geared Drives, English & Metric Thread Cutting, Belt & Motor Driven), Torrington, Conn.
Holmes Chas. Leather Working Machinery Co., Cambridge, Mass.
Johnson Israel H. Jr. Co., 337 N 15th, Phila., Pa.
Lehmann Machine Co., 606 S B'way, St. Louis, Mo.
Leland-Gifford Co., Worcester, Mass.
Lodge & Shipley Machine Tool Co., Cincinnati, O.
Mafreto Machine & Tool Co., Worcester, Mass.
Mann Chas. A., 166 Doyle av, Providence, R. I.

LATHE IDEAS OF NOWADAY



No. 4 STARK PRECISION BENCH LATHE.

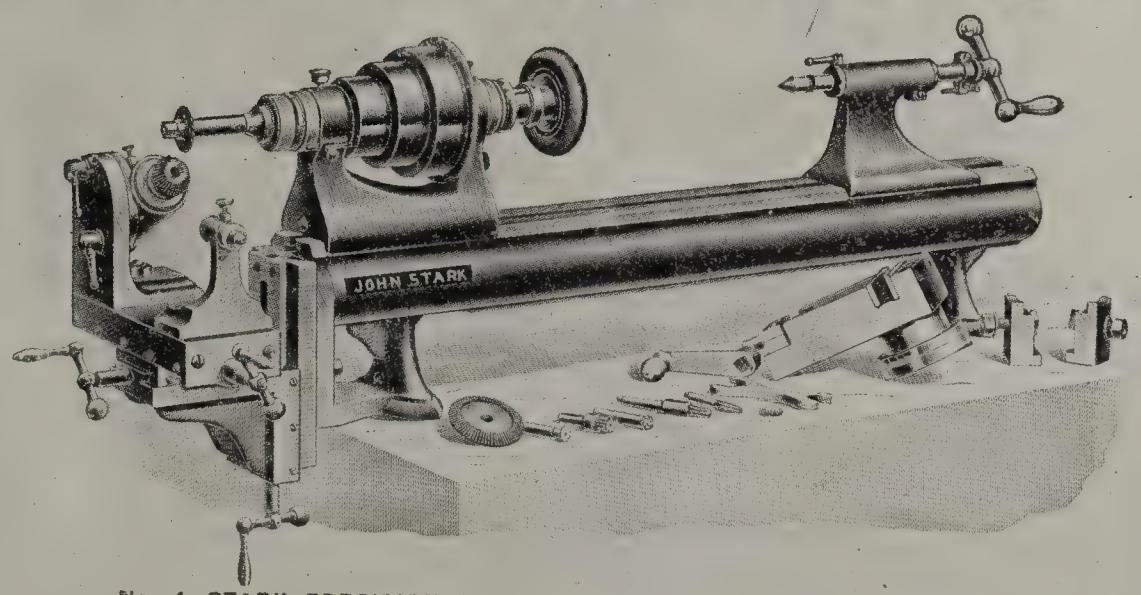
Length of bed 38", distance between centers 20". Lathe swings 9" and chuck capacity for stock from 1-64" to ¼" clear through. Equipped with Stark Patent Anti-Friction Draw-in Spindle and Anti-Fricton Ball Bearing End Thrust, which takes the strain off the bearings and does away with the back geared arrangement.

The Spindles and bearings are made of steel, hardened and ground to perfection, having angles of 3 degrees and 45 degrees. This principle is of great importance and is one of the essential features of the Stark Bench Lathes.

ECONOMY IN THE WORKSHOP

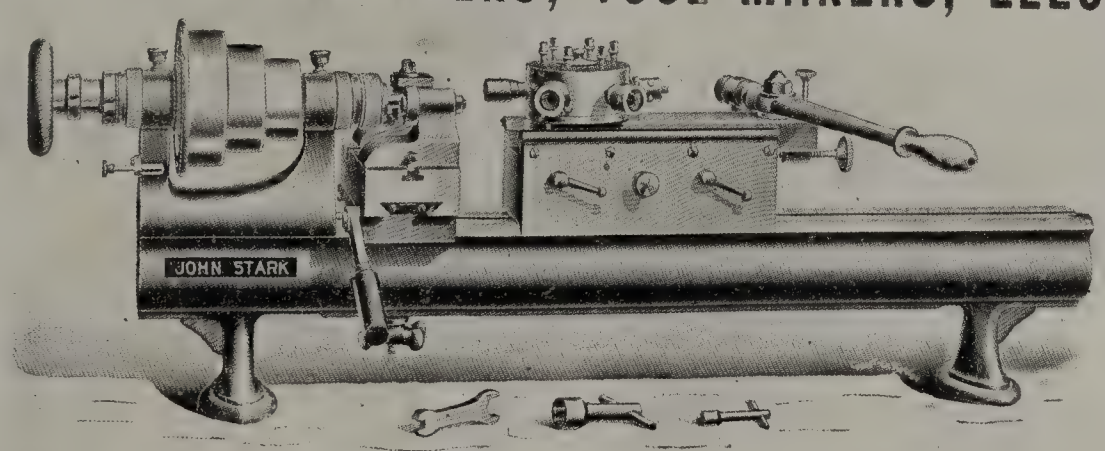
The Milling Attachment, is bolted to the angle iron which is cast with the bed, making it rigid and capable of accomplishing a large range of work. It has a lengthwise feed of 6", in and out feed 2½" and up and down 4¼", with distance between centers 6". The height from bed to center is 3⅞". This attachment takes the same chucks as are used in the lathe head.

We have demonstrated to the trade that spindles made with the taper bearings are more durable, last longer, and give better satisfaction than spindles made upon other principles.



No. 4 STARK PRECISION BENCH LATHE AND MILLING ATTACHMENT.

FOR ENGINEERS, TOOL MAKERS, ELECTRICIANS, ETC.



No. 4. STARK PRECISION BENCH LATHE WITH AUTOMATIC TURRET HEAD AND CUTTING-OFF AND FORMING REST.

The Automatic Turret Head has six ⅝" port holes to receive mills, drills, taps and dies, built strong and rigid, all the bearings and port holes are bushed with hardened steel, taking the place of a screw machine.

The cutting off and forming is suited for a variety of irregular formed pieces. The cutters are turned to the forms required, and only have to be ground on the face when sharpened.

No. 4 Wire Chuck, Capacity of chuck ¼"

FIVE YEARS AHEAD OF THEM ALL.

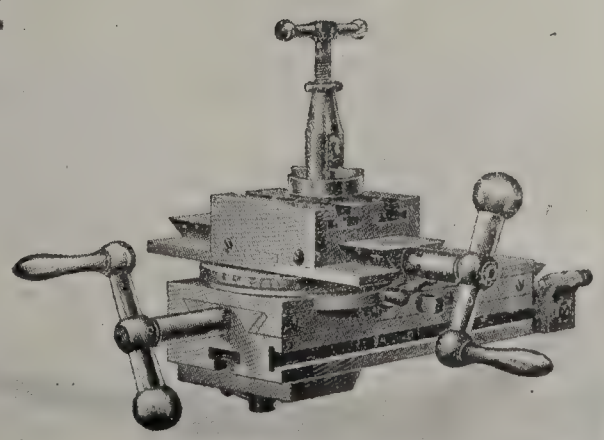
The nose of the spindle has a thread cut 10 pitch, which is hardened and ground to a perfect standard to receive Universal Chucks, and also a supporter for step chucks. This gives a greater advantage when using the Universal chuck as the work may pass clear through the spindle.

STARK TOOL CO.

MAKERS OF

PRECISION BENCH LATHES

WALTHAM, MASS., U. S. A.



COMPOUND SLIDE REST.

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ALPHABETICAL LIST

—OF—

TRADE NAMES,

BRANDS, TITLES OF IDENTIFICATION, ETC.

THIS LIST FURNISHES A READY REFERENCE FOR PURCHASING AGENTS AND PROSPECTIVE BUYERS TO DISTINCTIVE PRODUCTS MANUFACTURED BY FIRMS LISTED IN THIS WORK.

Myers Machine Tool Co., Columbia, Pa.
National Engineering & Tool Works, Oak Park, Ill.
National Lathe Co. 15 W 2d, Cincinnati, Ohio
Niles-Bement-Pond, 111 B'way, New York
Ober Mfg. Co., Chagrin Falls, O.
Oliver Machinery Co., Grand Rapids, Mich.
Pittsburgh Machine Tool Co. (Heavy, 27 to 76, 27 to 84), Braddock, Pa.
Porter-Cable Machine Co., Syracuse, N. Y.
Porter Machine Works, Hatfield, Mass.
Potter S. A. Tool & Mach. Wks., 79 E 130th, New York
Pratt & Whitney Co., Hartford, Conn.
Prentiss Henry & Co., Inc. (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York
See adv index at end of book
Putnam Machine Co., Fitchburg, Mass.
Rahn-Larmon Co., Cincinnati, O.
Reed-Prentice Co. (12 to 30 inch Swing), Worcester, Mass.
Reed Hardware & Mfg. Co. (Screw Cutting), Cairo, Ill.
Robbins Machine Co. (12, 14 & 15-inch Swing), Worcester, Mass.
Rockford Lathe & Drill Co., Rockford, Ill.
Rockford Tool Co. (15-inch), Rockford, Ill.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Sebastian Lathe Co., Covington, Ky.
Seneca Falls Mfg. Co. ("Star," 9, 11, 13 inch sizes) ("Seneca Falls" Quick Change, 12 & 14 inch sizes) (Screw Cutting), Seneca Falls, N. Y.
Shephard Lathe Co. (Foot & Power), Canal & Jackson, Cincinnati, O.
Sidney Tool Co., Sidney, O.
Simplex Machine Tool Co., Cleveland Nat'l Bk bldg, Cleveland, O.
Smith Cannery Machine Co., Seattle, Wash.
South Bend Lathe Works, South Bend, Ind.
Springfield Machine Tool Co. ("Ideal" 14, 16 & 18 in. Swing), Springfield, O.
United States Lathe & Machine Co. (Screw Cutting), Cincinnati, O.
Valley Machine Co., Parkersburg, W. Va.
Walcott Lathe Co. (14 to 36 inch Swing), Jackson, Mich.
Westlund C. G. Co. ("Westlund" 16 & 20-inch Swing, Single & Double Back), 498 Millbury, Worcester, Mass.
Whitcomb-Blaisdell Machine Tool Co., Worcester, Mass.
Wickes Bros., Saginaw, Mich.
See adv index at end of book
Willard Machine & Tool Co., Covington, Ky.
Worcester Lathe Co. ("Worcester"), Worcester, Mass.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

7265—Lathes (Extension Gap)

Barnes Brill Co., Rockford, Ill.
Fay & Scott, Dexter, Me.
Harrington Edwin Son & Co., 17th & Callowhill, Phila., Pa.
Johnson I. H. Jr. Co., 337 N 15th, Phila., Pa.
Rahn-Larmon Co., Cincinnati, O.
Simplex Machine Tool Co., Cleveland Nat'l Bk. bldg, Cleveland, O.

Lathes (Face)

See Lathes, Pattern Makers'

7266— Lathes (Facing)

Reed-Prentice Co. (22 & 24-inch Swing), Worcester, Mass.

7267— Lathes (Foot Power)

Barnes W F. & John Co., Rockford, Ill.
Dalton Mfg. Corp., 1915 Park av, New York
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Mafreto Machine & Tool Co., Worcester, Mass.
Mann Chas A., 166 Doyle av, Providence, R. I.
Niles-Bement-Pond Co., 111 B'way, New York
Purdy Chester (9 & 10 Swing), Ghent, O.
Sebastian Lathe Co., Covington, Ky.
Seneca Falls Mfg. Co. ("Star"), Seneca Falls, N. Y.
Shepard Lathe Co. (Turret), Canal & Jackson, Cincinnati, O.

7268—Lathes (For Turning Sugar Cane Rolls)

Blymer Iron Works Co., Cincinnati, O.
Swooy Julian M., 913 Girod, New Orleans, La.

Lathes (Forging)

See Lathes, Engine.

7269— Lathes (Forming)

Dreses Machine Tool Co., Cincinnati, O.
Meriden Machine Tool Co., Meriden, Conn.
Niles-Bement-Pond Co., 111 B'way, New York
Reed-Prentice Co. (16-inch Swing), Worcester, Mass.

Lathes (Fox Monitor)

See Lathes, Brass Finishers

Lathes (Gap)

See Lathes, Engine.

7270— Lathes (Gauge)

American Woodworking Machinery Co., Rochester, N. Y.
Bental & Margedant Co., Hamilton, O.
Fay J. A. & Egan Co., Cincinnati, O.
Goodspeed Machine Co., Winchenden, Mass.
Smith H. B. Machine Co. (Brown & Howe's Automatic), Smithville, N. J.
Trevor Mfg. Co., Lockport, N. Y.
Whitney Baxter D. & Son (Black Knife), Winchendon, Mass.

Lathes (Granite Column)

See Machinery, Stone Polishing

Lathes (Granite Polishing)

See Machinery, Stone Polishing; also Lathes Stone Polishing

7271— Lathes (Grinding)

Pratt & Whitney Co., Hartford, Conn.
Tindel Morris Co. ("Tindel Allbrecht"), Eddystone, Pa.

7272— Lathes (Gun Stock)

Gilman & Son, Springfield, Vt.

7273—Lathes (Gun Turning & Boring)

See also Gun Barrel Turning Machines
Bridgeford Machine Tool Works (Shell Turning & Boring), Rochester, N. Y.
See adv index at end of book
Elyria Mach. Co., Elyria, O.
Johnson I. H. Jr. Co., 337 No. 15th, Phila., Pa.
Niles-Bement-Pond Co., 111 B'way, New York
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
Warren Mach. Prods. Co., Warren, O.

7274—Lathes (Hand & Drilling)

Dreses Machine Tool Co., Cincinnati, O.
Garvin Machine Co., 147 Varick, New York
Johnson Israel H. Jr. Co., 337 N 15th, Phila., Pa.
Mann Chas. A., 166 Doyle av, Providence, R. I.
Meriden Machine Tool Co., Meriden, Conn.
Niles-Bement-Pond Co, 111 Broadway, New York
Oliver W. W. Mfg. Co. (Foot & Power), 1483 Niagara Buffalo, N. Y.
Reed-Prentice Co. (9 to 26-inch Swing), Worcester, Mass.
Seneca Falls Mfg. Co. ("Star," Foot & Power), Seneca Falls, N. Y.
Whitcombe-Blaisdell Machine Tool Co., Worcester, Mass.

7275—Lathes (Handle Turning)

American Wood Working Machinery Co., Rochester, N. Y.
Bradley H. C., Bridgeport, Conn.
Defiance Machine Works (Hammer, Hatchet & Canthook), Defiance, O.
Empire Machine Works, Mount Morris, N. Y.
Fay J. A. & Egan Co., Cincinnati, O.
Gerlach Peter Co. (Automatic for Turning & Boring for Pail, Tool & Other Short Handles), 1712 Winter, Cleveland, O.
Kline Lewis T. (Automatic Broom Handle, etc), Alpena, Mich.
Klotz Machine Co., Sandusky, O.
Loetz Valve & Mfg. Co. ("Booth" Automatic), Monroeton, Pa.
Ober Mfg. Co., Chagrin Falls, O.
Pringle & Brodie, 514 S Canal, Chicago, Ill.
Smith H. B. Machine Co., Smithville, N. J.
Trevor Mfg. Co., Lockport, N. Y.
Waymoth A. D. & Co., Fitchburg, Mass.
Wilder Chas. W. (Auger, Paint Brush, File, etc), Fitchburg, Mass.

7276—Lathes (Hard Rubber)

Adamson Machine Co., Akron, O.
See adv index at end of book
Smith James M. (For Hard Rubber Turning), Seymour, Conn.

7277— Lathes (Hat Block)

Gilman & Son, Springfield, Vt.

7277a—*Lathes (High Speed)

PRENTISS HENRY & CO. (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York
See adv index at end of book

Lathes (Ingot)

See Lathes, Engine

7277b—*Lathes (Inner Tube Wrapping)

Williams Foundry & Machine Co., Akron, Ohio. *See adv index at end of book*

7278— Lathes (Insulator)

Defiance Machine Works (Turning & Threading), Defiance, O.

7279— Lathes (Jar Ring)

Adamson Machine Co., Akron, O.
See adv index at end of book
Birmingham Iron Foundry (Automatic), Derby, Conn.
Thropp Wm. R. & Sons Co. (Automatic), Trenton, N. J.
THROPP'S JNO. E. SONS CO., ft of Lewis, Trenton, N. J.
See adv index at end of book

7279a—Lathes (Journal Truing)

Bridgeford Machine Tool Wks., Rochester, N. Y. *See adv index at end of book*

7280—Lathes (Knob Turning)

Porter C. O. Machinery Co., Grand Rapids, Mich.

7281— Lathes (Knurling)

Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

7282— Lathes (Laboratory)

Butler-Edwards Electric Co., Easton, Pa.
Ritter Dental Mfg. Co. ("Ritter" Electric), Rochester, N. Y.

7283— Lathes (Lacquering)

De Vilbiss Mfg. Co. (For Pneumatic Brush Spraying), Toledo, O.

7284— Lathes (Last)

Gilman & Son, Springfield, Vt.
Kimball Bros. & Sprague (Blocks & Turning), Brockton, Mass.

7285—Lathes (Manual Training)

Blount J. G. Co., Everett, Mass.
Greenfield Tap & Die Corp. ("Wells"), Greenfield, Mass.
See adv index at end of book
Hall & Brown Wood Working Machine Co., 1913 N B'way, St. Louis, Mo.
National Woodworking Machine Co., Dover, N. H.
Oliver Machinery Co., Grand Rapids, Mich.
Reed-Prentice Co. (Wood Turning), Worcester, Mass.
Seneca Falls Mfg. Co. ("Seneca Falls"), Seneca Falls. N. Y.

Lathes (Marble Turning)

See Stone Sawing Machinery

Lathes (Metal Spinning)

See Lathes, Spinning

Lathes (Monitor)

See Lathes, Turret

Lathes (Neck-Yoke & Single-Tree)

See Neck Yoke & Singletree Machinery

Lathes (Oil Groove Cutting)

See Spiral Oil Grooving Machines

7286—Lathes (Optical Grinding)

Carr Jos. Co. (Also Discs), 132 N 7th, Phila., Pa.
Potter S. A. Tool & Mach. Wks., 79 E 130th, New York

7287—Lathes (Pattern Makers')

American Wood Working Machinery Co., Rochester, N. Y.
Baldwin, Tuthill & Bolton ("Porter"), Grand Rapids, Mich.
Bentel & Margedant Co., Hamilton, O.
Blount J. G. Co. (Set-Over Swivel Tailstock, etc), Everett, Mass.
Cordesman Rechtin Co., Butler, Cincinnati, O.
Defiance Machine Works, Defiance, O.
Fay J. A. & Egan Co., Cincinnati, O.
Fay & Scott, Dexter, Me.
Frank Machinery Co., Buffalo, N. Y.
Hall & Brown Wood Working Machine Co., 1913 N B'way, St. Louis, Mo.
Jones Superior Machine Co., 1264 W North av, Chicago, Ill.
Oliver Machinery Co. (Face), Grand Rapids, Mich.
Porter C. O. Machinery Co. ("Porter"), Grand Rapids, Mich.
Purdy Chester, Ghent, O.
Putnam Machine Co., Fitchburg, Mass.
Robbins Machine Co., Worcester, Mass.
Sidney Tool Co., Sidney, O.
SIMMONS MACHINE CO., INC., 987 B'way, Albany, N. Y.
See adv index at end of book
Valley City Machine Works, Grand Rapids, Mich.

7288—Lathes (Pearl Button Turning)

Hess Machine Works, 2512 Callowhill, Phila., Pa.

Lathes (Polishing)

See Lathes, Buffing & Polishing

7289— Lathes (Precision)

See also Lathes, Watchmakers

Ames B. C. Co. ("Ames" Bench), Waltham, Mass.
Advance Dairy Machinery Co., Canton, O.
Cleveland Machinery & Supply Co., Cleveland Nat'l Bk. bldg, Cleveland, O.
Dalton Mfg. Corp., 1915 Park av, New York
Elgin Tool Works (Bench), Elgin, Ill.
Goodell-Pratt Co., Greenfield, Mass.
Hardinge Bros., 4203 Ravenswood av, Chicago, Ill.
Hjorth Lathe & Tool Co. (Bench), 27 School, Boston, Mass.
Prentiss Henry & Co., Inc. (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York
See adv index at end of book
Rivett Lathe & Grinder Co., 2 Brooks, Brighton, Boston, Mass.
Simplex Machine Tool Co., Cleveland Nat'l Bk. bldg, Cleveland, O.
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
STARK TOOL CO. ("Stark," Bench), Waltham, Mass.
See adv index at end of book
Summit Machine Works ("Summit"), Worcester, Mass.
Wade Walter H. (Screw Cutting), 311 Atlantic av, Boston, Mass.

Lathes (Projectile Boring & Turning)

See Lathes, Gun Turning & Boring

7290-1-2—Lathes (Pulley Turning)

American Tool Works Co., Cincinnati, O.
Cincinnati Pulley Machinery Co. ("Striet"), Covington, Ky.
Fay Machine Tool Co., 2d & Glenwood av, Phila., Pa.
Niles-Bement-Pond Co., 111 B'way, New York
Putnam Machine Co., Fitchburg, Mass.
Reed-Prentice Co., Worcester, Mass.

7293—Lathes (Roll Turning)

See also Machinery, Rolling Mill

Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Hyde Park Foundry & Machine Co., Hyde Park, Pa.
MESTA MACHINE CO., Pittsburgh, Pa.
See adv index at end of book
Morgan Construction Co., Worcester, Mass.
National Roll & Foundry Co., Avonmore, Pa.
Philadelphia Roll & Machine Co., 25th & Washington av, Philadelphia, Pa.
Phillips & McLaren, 24th & Smallman, Pittsburgh, Pa.
United Engineering & Foundry Co., 307 5th av, Pittsburgh, Pa.
Youngstown Foundry & Machine Co., Youngstown, O.

7294— Lathes (Roughing)

Boye & Emmes Machine Tool Co., Cincinnati, O.

For Extra Heavy Duty
USE
Bridgeford Lathes
Made by
Bridgeford Machine Tool Works
420 Blossom Road, Rochester, N. Y., U. S. A.

Bridgeford Machine Tool Wks., Rochester, N. Y. *See adv index at end of book*
LeRoi Motor Co., West Allis, Wis.

7295—Lathes (Screw Cutting)

See also Lathes, Engine; also Lathes, Turret; also Screw Machines

American Tool Works Co. (Screw-Cutting Engine), Cincinnati, O.
American Watch Tool Co. (Precision), Waltham, Mass.
Automatic Machine Co. (Automatic for Worms & Screws), Bridgeport, Conn.
Barker William & Co., Wheeler & Pleasant av, Cincinnati, O.
Barnes W. F. & John Co. (Foot Power), Rockford, Ill.
Bradford Machine Tool Co., Cincinnati, O.
Bridgeford Machine Tool Wks., Rochester, N. Y. *See adv index at end of book*
Champion Blower & Forge Co. ("Lancaster"), Lancaster, Pa.
Cincinnati Iron & Steel Co. ("Cisco"), Cincinnati, O.
Crawford Machine & Tool Co., Inc. (15 in. to 25 in.), 21 Park row, New York
See adv index at end of book
Davis Machine Tool Co., Rochester, N. Y.
Driggs Mfg. Corp., New Haven, Conn.
Fay Machine Tool Co. (Automatic), 2d & Glenwood av, Phila., Pa.
Fay & Scott, Dexter, Me.
Flather & Co., Nashua, N. H.
Fulton Mach. Tool Co., 1436 Bryan pl, Chicago, Ill.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Greaves, Klusman Tool Co., Cincinnati, O.
Hamilton Machine Tool Co., Hamilton, O.
Harrington Edwin Son & Co., 17th & Callowhill, Phila., Pa.
Hendey Machine Co. ("Hendey," Belt & Motor Driven), Torrington, Conn.
Johnson I. H. Jr. Co., 337 N 15th, Phila., Pa.
Le Blond R. K. Machine Tool Co., Cincinnati, O.
Le Roi Motor Co., West Allis, Wis.
Lodge & Shipley Machine Tool Co., Cincinnati, O.
Mafreo Machine & Tool Co., Worcester, Mass.
Mann Chas. A., 166 Doyle av, Providence, R. I.
Millholland W. K. Machine Co., Indianapolis, Ind.
Monarch Machine Tool Co. ("Monarch"), Sidney, O.
Niles-Bement-Pond Co., 111 B'way, New York
Ober Mfg. Co., Chagrin Falls, O.
Oliver Machinery Co., Grand Rapids, Mich.
Perkins I. S. Co., Lowell, Mass.
Pittsburgh Machine Tool Co., Corey, Pittsburgh, Pa.
Rahn-Larmon Co., Cincinnati, O.
Reed-Prentice Co., Worcester, Mass.
Sebastian Lathe Co. (Foot), Covington, Ky.
Seneca Falls Mfg. Co. ("Star," "Seneca Falls"), Seneca Falls, N. Y.
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
South Bend Lath Works, South Bend, Ind.
STARK TOOL CO. ("Stark" Chasing), Waltham, Mass.
See adv index at end of book
Westlund C. G. Co. ("Westlund"), 498 Millbury, Worcester, Mass.

7296—Lathes (Shaft Turning)

American Tool Works Co., Cincinnati, O.
Bridgeford Machine Tool Wks., Rochester, N. Y. *See adv index at end of book*
Fitchburg Machine Works ("Lo Swing"), Fitchburg, Mass.
Johnson I. H. Jr. Co., 337 N 15th, Phila., Pa.
Le Blond R. K. Machine Tool Co., Cincinnati, O.
Le Roi Motor Co., West Allis, Wis.
Lodge & Shipley Machine Tool Co., Cincinnati, O.
Niles-Bement-Pond Co., 111 B'way, New York
Putnam Machine Co., Fitchburg, Mass.
Springfield Machine Tool Co., Springfield, Ohio
Tindel, Morris Co. ("Tindel Albrecht," Crank-Shaft, etc), Eddystone, Pa. & Ellwood City, Pa.

7296a—*Lathes (Shell Turning & Boring)

BRIDGEFORD MACHINE TOOL WKS., Rochester, N. Y.
See adv index at end of book

Lathes (Shoe Last Turning)

See Lathes, Last

7297— Lathes (Speed)

See also Lathes, Engine

Blount J. G. Co., Everett, Mass.
Diamond Machine Co. ("Diamond"), Providence, R. I.
Fay & Scott, Dexter, Me
Garvin Machine Co., 147 Varick, New York
Grabo E. O. Machine Works (For Brass, etc), 180 Centre, New York
Greenfield Tap & Die Corp. ("Wells"), Greenfield, Mass.
See adv index at end of book
Grimes & Harris, Leominster, Mass.

Niles-Bement-Pond Co., 111 B'way, New York
Oliver Machinery Co. (For Wood), Grand Rapids, Mich.
Reed-Prentice Co. (16 to 30 in. Swing), Worcester, Mass.
Sebastian Lathe Co., Covington, Ky.
Seneca Falls Mfg. Co., Seneca Falls, N. Y.
Washburn Shops, Worcester, Mass.

7298— Lathes (Spinning)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Garvin Machine Co., 147 Varick, New York
GRABO E. O. MACHINE WORKS, 180 Centre, New York
Kane & Roach, Syracuse, N. Y.
Manville E. J. Machine Co., Waterbury, Conn.
Meriden Machine Tool Co., Meriden, Conn.
Meriden Press & Drop Co. ("Merriman"), Meriden, Conn.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book
Niles-Bement-Pond Co., 111 B'way, New York
Oliver Machinery Co., Grand Rapids, Mich.
Parker Charles Co., Meriden, Conn.
Pryibil P. Machine Co., 520 W 41st, New York
Purdy Chester, Ghent, O.
Simplex Machine Tool Co., Cleveland Nat'l Bk. bldg, Cleveland, O.
Stoll D. H. Co., Buffalo, N. Y.
Wilcox Mfg. Co. ("Schulz"), 4824 W Lake, Chicago, Ill.

7299— Lathes (Spoke)

See also Lathes, Handle Turning; also Lathes, Wood Turning

Defiance Machine Works, Defiance, O.
Fay J. A. & Egan Co., Cincinnati, O.
Ober Mfg. Co., Chagrin Falls, O.
Trevor Mfg. Co., Lockport, N. Y.

Lathes (Spool)

See Spool & Bobbin Machinery

7300— Lathes (Staff)

Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
STARK TOOL CO. ("Stark" Automatic for Turning Staffs & Pinions for Clocks, Watches, etc), Waltham, Mass. *See adv index at end of book*

7301—Lathes (Stone Polishing)

Ellison Bros., Frankford, Phila., Pa
Hinds Thomas Co., Malone, N. Y.
Lincoln Iron Works, Rutland, Vt.
Patch F. R. Mfg. Co., Rutland, Vt.
Perkins Lloyd (For Sawing & Polishing, Rocks, Minerals, etc), Middleboro, Mass.
St. Cloud Iron Works Co., St. Cloud, Minn.

7302— Lathes (Strapping)

Bridgeport Safety Emery Wheel Co., Bridgeport, Conn.
Springfield Mfg. Co., Bridgeport, Conn.

7302a— Lathes (Threading)

Automatic Machine Co. (Automatic), Bridgeport, Conn.

7303— Lathes (Treenail)

Trevor Mfg. Co., Lockport, N. Y.

7304— Lathes (Trimming)

Leffler Chas. & Co., 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*
Manville E. J. Machine Co., Waterbury, Conn.
Waterbury, Farrel Foundry & Machine Co., Waterbury, Conn.

7305— Lathes (Turntable)

Pratt & Whitney Co. (With Cross Sliding Turntable), Hartford, Conn.

7306— Lathes (Turret)

See also Screw Machines

Acme Machine Tool Co. (Flat), Cincinnati, O.
American Tool Works Co., Cincinnati, O.
American Tool & Machine Co. ("Fox" Brass Finishers), 10 High, Boston, Mass.
Bradford Machine Tool Co., Cincinnati, O.
Bullard Machine Tool Co. ("Standard" Vertical & Combination Turret), Bridgeport, Conn.
Davies Machine Tool Co. ("Davis" Turret Head Boring, Forming & Turning), Rochester, N. Y.
Dodge H. C., Inc., 46 Alger, Boston, Mass.
Dreses Machine Tool Co. (Universal), Cincinnati, O.
DUFF MFG. CO., N S, Pittsburgh, Pa.
See adv index at end of book
Fay & Scott, Dexter, Me.
Foster Machine Co., Elkhart, Ind.
Fulton Mach. Tool Co., 1436 Bryan pl, Chicago, Ill.
Garvin Machine Co., 147 Varick, New York
Gisholt Machine Co. (For Both Bar & Chucked Work, 13 to 14½ inches, also Automatic for Chucking Work), Madison, Wis.
Greaves, Klusman Tool Co., Cincinnati, O.
Greenfield Tap & Die Corp. ("Wells"), Greenfield, Mass.
See adv index at end of book
International Machine Tool Co. ("Libby"), Indianapolis, Ind.
Jones & Lamson Machine Co. (Flat), Springfield, Vt.
Le Roi Motor Co., West Allis, Wis.
Lodge & Shipley Machine Tool Co., Cincinnati, Ohio
Mafreto Machine & Tool Co., Worcester, Mass.
Meriden Machine Tool Co., Meriden, Conn.
Millholland W. K. Machine Co., Indianapolis, Ind.
National Acme Mfg. Co. ("Gridley" Multiple Spindle Automatic), 7500 Stanton av, S E, Cleveland, O.
New Britain Machine Co. ("New Britain," Multiple Spindle Automatic), 190 Chestnut, New Britain, Conn.
Oliver Machinery Co., Grand Rapids, Mich.
Potter & Johnston Machine Co. (Double Turret Manufacturing), Pawtucket, R. I.
Pratt & Whitney Co., Hartford, Conn.
Prentiss Henry & Co., Inc. (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York
See adv index at end of book
Rahn-Larmon Co., Cincinnati, O.
Reed-Prentice Co. (22 to 24-inch Swing), Worcester, Mass.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Shepard Lathe Co., Canal & Jackson, Cincinnati, O.
Springfield Machine Tool Co., Springfield, Ohio
Steinle Turret Machine Co. (Full Swing, Side Carriage), Madison, Wis.
Warner & Swasey Co. (Hollow, Hexagon, Turret Screw, etc), Cleveland, O.
Wood Turret Machine Co. (The Tilted Turret), Brazil, Ind.
Woods S. A. Machine Co. ("Blood," "Dodge"), Boston, Mass.

7307—Lathes (Variety Turning)

Bentel & Margedant Co., Hamilton, O.
Bradley H. C., Bridgeport, Conn.
Defiance Machine Works (Also Variety Boring), Defiance, O.
Fitchburg Machine Works ("Lo-Swing"), Fitchburg, Mass.
Frary Mfg. Co. (Automatic Wood Turning), Charlemont, Mass.
Kline Lewis T. (Automatic), Alpena, Mich.
Mattison C. Machine Works, Beloit, Wis.
Ober Mfg. Co., Chagrin Falls, O.
Pringle & Brodie Co., 514 S Canal, Chicago, Ill.
Waymoth A. D. & Co. (Self-Centering & Self-Adjusting, etc), Fitchburg, Mass.
Wilder Chas. W. (For Small Turnings of All Kinds), Fitchburg, Mass.
Wright Chas. E. Co., Kenilworth, N. J.
Yates P. B. Machine Co., Beloit, Wis.

7308— Lathes (Veneer)

See Veneer Cutting Machines

7309—Lathes (Watchmakers')

See also Lathes, Precision

American Watch Tool Co. ("Webster-Whitcomb"), Waltham, Mass.
Davenport Machine Tool Co. (Automatic Staff Lathes for Watch Pinions), New Bedford, Mass.
Derbyshire F. W., Waltham, Mass.
Hardinge Bros., 4203 Ravenswood av, Chicago, Ill.
Moseley Lathe Co., Elgin, Ill.
Potter S. A. Tool & Mach. Wks., 79 E 130th, New York
Rivett Lathe & Grinder Co., Brighton, Boston, Mass.
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.

7310— Lathes (Winding)

Pittsburgh Machine Tool Co., Braddock, Pa.
Sommerfeld Machine & Mfg. Co. (For Winding Coils), 216 2d av, Pittsburgh, Pa.

7311—Lathes (Wood Polishing)

Bradley H. C., Bridgeport, Conn.
Oliver Machinery Co., Grand Rapids, Mich.

7312—Lathes (Wood Pulley)

Defiance Machine Works, Defiance, O.

7313—Lathes (Wood Working)

American Sawmill Machinery Co., Hackettstown, N. J.
American Wood Working Machy. Co., Rochester, N. Y.
Artistic Wood Turning Works (Automatic), 515 W Halsted, Chicago, Ill.
Badger Gas & Gasoline Engine Co., Kansas City, Kans.
Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Barnes W. F. & John Co., Rockford, Ill.
Bentel & Margedant Co. (Spokes, Handles, etc), Hamilton, O.
Carey W. W. Co., Lowell, Mass.
Cordesman, Rechtin Co., Butler, Cincinnati, O.
Defiance Machine Works, Defiance, O.
Fay J. A. & Egan Co., Cincinnati, O.
Fay & Scott, Dexter, Me.
Hall & Brown Wood Working Machine Co., 1913 N B'way, St. Louis, Mo.
Jones Superior Machine Co., 1264 W North av, Chicago, Ill.
Mattison C. Machine Works, Beloit, Wis.
National Woodworking Machine Co., Dover, N. H.
Ober Mfg. Co., Chagrin Falls, O.
Oliver Machinery Co., Grand Rapids, Mich.
Porter C. O. Machinery Co., Grand Rapids, Mich.
Power L. & Co., 20 S 23d, Phila., Pa.
Pringle & Brodie Co. (Back Knife Variety Turning), 514 S Canal, Chicago, Ill.
Price W. R., Inc., 127 5th av, New York
Pryibil P. Machine Co., 520 W 41st, New York
Purdy Chester, Ghent, O.
Sebastian Lathe Co., Covington, Ky.
Seneca Falls Mfg. Co., Seneca Falls, N. Y.
Sidney Tool Co., Sidney, O.
Smith H. B. Machine Co., Smithville, N. J.
Trevor Mfg. Co. (Turnings up to 8 in), Lockport, N. Y.
Valley City Machine Works, Grand Rapids, Mich.
Waymoth A. D. & Co. (Variety, etc), Fitchburg, Mass.
Wilder Chas. W., Fitchburg, Mass.

7314—Lathes (Worm Threading)

Automatic Machine Co. (Automatic), Bridgeport, Conn.

7315— Lathes (Yacht Spar)

Trevor Mfg. Co., Lockport, N. Y.

7316— Lathes (Zinc)

Pacific Tank & Pipe Co. (For Cutting Zinc Shavings), 318 Market, San Francisco

7317— Laughing Galleries

Ingersoll Construction Co., 324 4th av, Pittsburgh, Pa.

Launches

See Motor Boat, Launch & Yacht Builders

Laundry Dryers

See Clothes Dryers

Laundry Irons (Electric)

See Sad Irons, Electric

Laundry Irons (Gas)

See Sad Irons

7318—Laundry Tubs (Artificial Stone)

Adams E. G., Kingston, N. Y.
Anchor Stone Co., 2937 Lyndale, S Minneapolis, Minn.
Chicago Granitine Mfg. Co. ("Granitine," "Princess," "Snow White"), 3619 Wall, Chicago, Ill.
Elsmere Granite Co. ("Elsmere-Granitine"), 1752 N Spaulding av, Chicago, Ill.
Hardin Lavin Co., 4543 Cottage Grove av, Chicago, Ill.
Household Granite Tub Co., New Haven, Conn.
Kingston Granite Tub Works, Kingston, N. Y.
Mineral Products Co. ("Xyno" Stone), Rhinelander, Wis.
New Haven Granite Works ("Blue Rock"), New Haven, Conn.
Peerless Granite Co., Town of Union, N. J.
Reilly J. F. & Co. ("Star" Cement), San Francisco, Cal.
Robinson Stoneware Co., 250 Greenpoint av, Brooklyn, N. Y.
Standard Granitine Works, 1756 N Spaulding av, Chicago, Ill.
Wessels D. D. (Cement), 1300 12th, Detroit, Mich.

Laundry Tubs (Enameled Iron)

See Bath Tubs, Enameled Iron

7319—Laundry Tubs (Euclid Stone)

Euclid Mfg. Co., Paden City, W. Va.
Euclid Stone & Brick Co. (& Lakewood A. A. Grade), Cleveland, O.

7320—Laundry Tubs (Glazed Fire Clay)

Gladding, McBean & Co., Crocker bldg, San Francisco, Cal.

Laundry Tubs (Porcelain)

See Bath Tubs, Porcelain

7321— Laundry Tubs (Slate)

Albert G. G. & Co., Bangor, Pa.
American Slate Co., Easton, Pa.
Auld & Conger Co., 942 Prospect, Cleveland, O.
Bangor Central Slate Co., Bangor, Pa.
Bangor Slate Co., Bangor, Pa.
Bangor Structural Slate Co., Bangor, Pa.
Cleveland Mantel & Tile Co., 1426 E 30th, Cleveland, O.
Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
East Bangor Consolidated Slate Co. (Sinks), E Bangor, Pa.
Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.
Hammann Slate Co., Bangor, Pa.
Hinchey Patrick F. & Co., Hydeville, Vt.
International Slate Co., Slatington, Pa.
Keenan Structural Slate Co., Bangor, Pa.
Lehigh Structural Slate Mfg. Co., Bangor, Pa.
Monson Maine Slate Co., 112 Water, Boston, Mass.
Nelson N. O. Marble Co., Edwardsville, Ill.
New York Slate Works ("Empire"), 255 E 138th, New York
North Bangor Slate Co., Bangor, Pa.
Ontalaunce Slate Mfg. Co., Lynnport, Pa.
Peerless Slate Co., Delta, Pa.
Penrhyn Slate Co., Hydeville, Vt.
Phoenix Slate Co., Windgap, Pa.
Scotch Hill Slate Co., Fair Haven, Vt.
Shimer Slate Co., Bangor, Pa.
Slatington Slate Co., Slatington, Pa.
Snyder E. F., Slatington, Pa.
Union Soapstone Co., 14 Marshall, Boston, Mass.
Vermont Unfading Green Slate Co., Fair Haven, Vt.
Williams Slate Co., Arvonia, Va.

7322—Laundry Tubs (Soapstone)

Alberene Stone Co., 223 E 23d, New York
Butler Philip H. & Co., 197 B. S., Boston, Mass.
Nelson N. O. Marble Co., Edwardsville, Ill.
Phoenix Soapstone Co., 71 Murray, New York
Robinson Stoneware Co., 250 Greenpoint av, Brooklyn, N. Y.
Troy Bros. & Co., 975 Massachusetts av, Rox., Boston, Mass.
Union Soapstone Co., 14 Marshall, Boston, Mass.
Virginia Soapstone Co., Schuyler, Va.

7323— Lava

American Lava Co. ("Alco"), Chattanooga, Tenn. *See adv index at end of book*
Colonial Mfg. Co., Chattanooga, Tenn.
Crescent Burner Mfg. Co., 116 E 27th, New York
Kirchberger & Co. M., 116 E 27th, New York
Steward D. M. Mfg. Co. ("Lavite"), Chattanooga, Tenn.

7324— Lavatories (Folding)

Sands A. B. & Son Co. ("Sands"), 22 Vesey, New York

7325— Lavatories (Ship)

Bishop's Wm. Sons, 18 James, New York
Jenkins Mfg. Co., 20 Vesey, New York
NASON MFG. CO. (Jobbers), 71 Fulton, New York *See adv index at end of book*
Sands A. B. & Son Co. (Folding & Stationary), 22 Vesey, New York
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Webb F. W. Mfg. Co., 56 Elm, Boston, Mass.

7326— Lavatories & Fittings

For Enamel or Porcelain Lined Iron Lavatories, see Bath Tubs, Enameled Iron

Barnes Mfg. Co. (Enameled Lavatories), Mansfield,, O.
Barrett James Mfg. Co. ("Cutler," "Elba," "Hecla," "Midget," "Talma," "Thaba" & "Tunis"), 117 Pearl, Boston, Mass.
Blairsville Sanitary Co. (Enameled Iron), Blairsville, Pa.
Cahill Iron Works ("Southern Beauty" Enameled Iron), Chattanooga, Tenn.
Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
Columbia Sanitary Mfg. Co. (Enameled Ware), Louisville, Ky.
Dalton-Ingersoll Co., 500 Chauncy, Boston, Mass.
Detroit Sanitary Supply Co., 1191 2nd, Detroit, Mich.
Douglas John Co., Carthage, Cincinnati, O.
Ebinger D A. Sanitary Mfg. Co., 181 Lucas, Columbus, O.
Edwardsville Brass Co., Edwardsville, Ill.
Euclid Stone & Brick Co. (Shower Lavatories for Factories, Stone), Cleveland, Ohio
Federal-Huber Co., 234 N Halsted, Chicago, Ill.
Fords Porcelain Works (Porcelain), Perth Amboy, N. J.
General Ceramics Co. ("Phoenix," Porcelain), 50 Church, New York
Haines, Jones & Cadbury Co. ("Hajoca," "Vitreo," "Regal" Porcelain Enameled), 1136 Ridge av, Phila., Pa.
Humphryes Mfg. Co. (Enameled Iron, Porcelain Lined), Mansfield, O.
Jackson Potteries Co. Inc. (Toilet Closets & Bowls), Fulton bldg, Pittsburgh, Pa.
Kohler Co. (Enameled Iron Lavatories), Sheboygan, Wis.
McCambridge Co., 20th & Wood, Phila., Pa.
McVay-Walker Co., Braddock, Pa.
Manufacturing, Equipment & Engineering Co. (Individual Range, Wash Bowls, Plain Iron Galvanized or Vitrified Porcelain Enamel), 136 Federal, Boston, Mass.
Mott J. L. Iron Works, Trenton, N. J.
NASON MFG. CO. (Jobbers), 71 Fulton, New York *See adv index at end of book*
Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
Nelson N. O. Marble Co. (Marble Lavatories), Edwardsville, Ill.
Peck Bros. & Co., New Haven, Conn.
Penn Enameled Sink Co., Indiana, Pa.
Pittsburgh Brass Mfg. Co., Pittsburgh, Pa.
Rowe Sanitary Mfg. Co. (Sanitary), 210 Sixth av, Detroit, Mich.
Rundle Mfg. Co., 27th & Wahl, Milwaukee, Wis.
Rundle-Spence Mfg. Co. (Fittings Only), 63 2d, Milwaukee, Wis.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Watrous Co. ("Watrous," White Metal Lavatory Fittings), 14 E Jackson blvd, Chicago, Ill.
Weiskittel A. & Son Co. (Enameled Iron), 12th & E Lombard, Baltimore, Md.
Wheeling Sanitary Mfg. Co. (Enameled Iron Lavatories), Wheeling, W. Va.
Wolff L. Mfg. Co., 111 N Dearborn, Chicago, Ill.

7327— Lavatory Trimmings

Douglas Jno. Co., Carthage, Cincinnati, O.
Edwardsville Brass Co., Edwardsville, Ill.
Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill. *See adv index at end of book*
Newman Mfg. Co., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill. *See adv index at end of book*
Park & McKay, 55 Bagley av, Detroit, Mich.
Peck Bros & Co., New Haven, Conn.

Lawn Furniture

See Fountains, Vases, etc.; also Settees & Chairs, Iron; also Settees & Chairs, Lawn; also Rustic Wood Work; also Swings, Lawn

7328— Lawn Mowers

American Lawn Mower Co. ("Favorite," "Advance," "Yale," "Columbia," "Sterling," "New Eclipse," "Pennant," "Liberty," "New Peerless," "Premier," Ball Bearing), Muncie, Ind.
Avery B. F. & Sons ("The Dewey" & "Princess"), Louisville, Ky.
Blair Mfg. Co. ("Easy," "Universal," "Yankee"), Springfield, Mass.
Chadborn & Coldwell Mfg. Co. ("Sunbeam," "Pastime," "Shamrock," "Goldcrest," "Royal Blue," "Aldine," "Delevan," "Lenox," "Excelsior," "Newburgh," "New Model," "Charmer," "Primrose," "Dexter," "Ventnor," "Invincible," "Golden Glow," "Swift Cutter," etc.), Newburgh, N. Y.
Clarinda Lawn Mower Co. ("Cardinal," "Daisy," "Universal"), Clarinda, Ia.
Clipper Lawn Mower Co. ("Clipper" Hand & Pony, Cuts Grass Any Height), Dixon, Ill.
Coldwell Lawn Mower Co. ("Lakewood," "Imperial," "Coldwell," Hand, Horse & Motor), Newburgh, N. Y.
Dille & McGuire Mfg. Co. ("Hand," "Diamond," "Star," "King," "Aero," "New England," "Matchless," "Perfection," "Glide," "Richmond," "Queen," "Western," "New Magic," "Supreme," "High Speed," "Greenwood"), Richmond, Ind.
Eclipse Lawn Mower Co. ("Eclipse," Self-Sharpening), Prophetstown, Ill.
Elwood Lawn Mower Mfg. Co., Elwood, Ind.
Enterprise Mfg. Co. of Pa. ("Enterprise"), 3d & Dauphin, Phila., Pa.
F. & N. Lawn Mower Co. ("Great Arrow," "Ideal," "Crestlawn," "May Flower," "New American," "Auto," "Famous," "Admiral," "Director," "Baby Grand," Ball Bearing; "Worthmower," "Victor," "Annex," "Clover Leaf," "Trojan," "Paragon," "Melrose," "Fenden," Plain Bearing), Richmond, Ind

Granite State Mowing Machine Co. ("Granite State," "Hampshire," "Queen," "New Mystic," "New Rover," "Leader"), Hinsdale, N. H.
Herschel R. Mfg. Co. ("Herschel"), Peoria, Ill.
Ideal Power Lawn Mower Co. ("Ideal"), Lansing, Mich.
Mast, Foss & Co. ("Buckeye" Ball Bearing, "Mascot"), Springfield, O.
Mathews & Boucher ("Genessee"), 26 Exchange, Rochester, N. Y.
Penn Lawn Mower Wks ("Pennsylvania"), 1615 N 23d, Philadelphia, Pa.
Phila. Lawn Mower Co. ("Graham," "A," "Genuine," "Philadelphia," "All Day," "Dewey," "Drexel," "X. X.," "New," "College," "University," All Steel), 3107 Chestnut, Phila., Pa.
Reading Hardware Co. ("Reading"), Reading, Pa.
Stearns E. C. & Co. ("Stearns," "Matchless," "Royal," "Ball Bearing"), 450 Oneida, Syracuse, N. Y.
SUPPLEE-BIDDLE HARDWARE CO. ("Pennsylvania" Ball Bearing, "Continental," "Great American" Ball Bearing, Self-Sharpening, "Bellevue" Ball Bearing, "New Quaker," "New Departure," "Girard," "Electric," "Westfield," "Daisy," "Orchid," "Shock Absorber"), 510 Commerce, Philadelphia, Pa.
See adv index at end of book
Townsend S. P. & Co. (Lawn Mowers "Lyon," "Spider," "Victor," "Premier," "Essex," "Orange," "Matchless," All Ball Bearing; "Townsend" Chain Roller Mower), Orange, N. J.
Whitaker Mfg. Co., 409 S Green, Chicago, Ill.
WHITMAN & BARNES MFG. CO. ("Diamond Special" & "Diamond Ball Bearing," "Junior," "Junior Special," "Electric," "Norka," Plain & Ball Bearing), Akron, O.
See adv index at end of book
Worcester Lawn Mower Co. ("Worcester," "Highland," "Homestead" & "Green Mountain," "Elm Park," "Wizard," "Commonwealth," "Mount Tour," "New England," "Tip Top"), Worcester, Mass.

7329—Lawn Mowers (Gasoline Motor)

Coldwell Lawn Mower Co., Newburgh, N. Y.
Ideal Power Lawn Mower Co., Lansing, Mich.
Philadelphia Lawn Mower Co. ("Phila.," "Eagle," Improved Motor Lawn Mowers), 31st & Chestnut, Phila., Pa.

7330—Lawn Mowers (Horse)

Chadborn & Coldwell Mfg. Co. ("New Excelsior"), Newburgh, N. Y.
Coldwell Lawn Mower Co. ("Coldwell"), Newburgh, N. Y.
Phila. Lawn Mower Co. ("Eagle," "Pony," "Genuine Phila."), 31st & Chestnut, Phila., Pa.
SUPPLEE-BIDDLE HARDWARE CO., ("Pennsylvania"), 510 Commerce Phila., Pa. *See adv index at end of book*
Townsend S. P. & Co. ("Townsend's" Triple Ratchet), Orange, N. J.

7331— Lawn Sprinklers

Allen W. D. Mfg. Co., 566 W Lake, Chicago, Ill.
American Foundry & Mfg. Co. ("Cactus," "Japanese," "Park," "National," "Pacific," "Imperial"), 11th & Herbert, St. Louis, Mo.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Cadwallader Thos. ("Champion" Lawn Spray), Salem, O.
Central Brass Stamping Co. ("Crescent Ring," "Handy," "Square Fountain"), Peoria, Ill.
Crabill Hose Clamp Co., Battle Creek, Mich.
DEMING CO. ("Success"), Salem, O.
Detroit Lead Pipe Works, Detroit, Mich.
Elkhart Brass Mfg. Co. ("Hoosier"), Elkhart, Ind.
Enterprise Mfg. Co. of Pa. ("Enterprise"), 3d & Dauphin, Phila., Pa.
Fellows J. B. & Co., Boston, Mass.
Hardware Supply Co. ("Triumph," "Rainbow"), Grand Rapids, Mich.
Haydenville Co., Haydenville, Mass.
Hero Mfg. Co. ("Hero"), Gaul & Adams, Phila., Pa.
Jones M. D. Co., 73 Portland, Boston, Mass.
Kupferle John C. Fdry Co., 1st & Wright, St. Louis, Mo.
Landers, Frary & Clark ("Crown"), New Britain, Conn.
McGowan Jno. H. Co. ("Rival," for Orchards, Gardens, etc.), 52 Central av, Cincinnati, O.
Nelson L. R., 1810 S Washington, Peoria, Ill.
Neumeyer H. F. & Son ("New"), Macungie, Pa.
Noera Mfg. Co. ("Noera," "Waterbury"), Waterbury, Conn.
Novelty Mfg. Co. ("Niagara"), Waterbury, Conn.
Parker Wire Goods Co. ("Eureka"), Worcester, Mass.
Peck Bros. & Co., New Haven, Conn.
Peoria Can Co. (Square or Round Spray), Peoria, Ill.
Rock Island Mfg. Co. (& Sprays), Rock Island, Ill.
Sherman H. B. Mfg. Co. ("Duo Nozzle," also Rose Sprinklers), Battle Creek, Mich.
Spray Engineering Co. ("Young Fountain," "Jack-in-the Box"), 93 Federal, Boston, Mass.
Standard Stamping Co. ("Fountain" & "Baby Fountain"), Marysville, O.
Stearns E. C. & Co. ("Stearns" Reversible), 450 Oneida, Syracuse, N. Y.
Stuber & Kuck Co. ("Perfect"), Peoria, Ill.
Thompson Mfg. Co., 2468 E 8th, Los Angeles, Cal.
Wilgus Mfg. Co. ("Wilgus"), Los Angeles, Cal.

7332—Leaching Apparatus (Tanners')

Stehling Chas. H. Co., 401 4th, Milwaukee, Wis.
Turner Tanning Machy. Co. ("Turner"), Peabody, Mass.

7332a— Lead Acetate

C. P. N. CHEMICAL CO., INC., 78 Reade, New York, & 231 West Huron, Chicago, Ill.
Fuller Ralph L. & Co., Inc., 2 Rector, New York. *See adv index at end of book*
General Chemical Co. (Crystals & Solutions), 25 Broad, New York
Grasselli Chemical Co. (Brown & White), Guardian bldg, Cleveland, O.

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Hillier's R. Son Co. (Powdered), 317 Pine, Jersey City, N. J.
Naugatuck Chemical Co., Naugatuck, Conn.

7333— Lead (Antimonial)

American Metal Co., 61 B'way, New York
American Smelting & Refining Co., 120 B'way, New York
Balbach Smelting & Refining Co., 580 Market, Newark, N. J.
Beer, Sondheimer & Co., Inc., 61 B'way, New York (Selling Agents)
Central Smelting & Refining Co., Borden av & Haywood, L. I. City, N. Y.
Chadwick-Boston Lead Co., 162 Congress, Boston, Mass.
Eagle Smelting & Refining Works, 233 B'way, New York
LEAVITT C. W. & CO., 34 Church, New York *See adv index at end of book*
Nassau Smelting & Refining Works, 607 W 29th, New York
North American Copper Co., 52 Vanderbilt av, New York
Union Smelting & Refining Co., St. Charles, Newark, N. J.
United Lead Co., 111 B'way, New York
U. S. Metals Refining Co., 120 B'way, New York

7333a— Lead Arsenate

Corona Chemical Co. ("Corona Dry" Powdered), 213 Lake, Milwaukee, Wis.
Dow Chemical Co. (Paste & Powder), Midland, Mich.
Fuller Ralph L. & Co., Inc., 2 Rector, New York. *See adv index at end of book*
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Lavanburg Fred L., 100 William, New York
Mechling Bros. Mfg. Co., Camden, N. J.
Merrimac Chemical Co. ("Swift's"), 148 State, Boston, Mass.
Riches River & Co., 30 Church, New York
Thomsen Chemical Co., Munsey bldg, Baltimore, Md.
Virginia Consolidated Chemical Corp., 104 Broadway, New York

7334— Lead (Bar)

American Lead Co., 3116 Penn av, Pittsburgh, Pa.
American Smelting & Refining Co., 120 B'way, New York
Chadwick-Boston Lead Co., 162 Congress, Boston, Mass.
Central Smelting & Refining Co., Borden av & Haywood, L. I. City, New York
Coates, Bennett & Reidenbach, Rochester, N. Y.
Detroit Lead Pipe Works, Detroit, Mich.
Eagle Picher Lead Co. (The), 208 S La Salle, Chicago, Ill.
ILLINOIS SMELTING & REFINING CO., 410 N Peoria, Chicago, Ill.
See adv index at end of book
Jacobson I. M. & Sons Co., 70 Catherine, Detroit, Mich.
Lawrence Shot & Lead Co., Omaha, Neb.
Merchant & Evans Co., 2035 Washington av, Phila., Pa.
See adv index at end of book
United Lead Co., 111 B'way, New York
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
See adv index at end of book
U. S. Indestructible Gasket Co., Church & Fulton, New York
See adv index at end of book

Lead (Black)

See Black Lead

7335— Lead (Blue)

Eagle Picher Lead Co. (The) ("Sublime"), 208 S La Salle, Chicago, Ill.
Picher Lead Co., Joplin, Mo.

7336— Lead Burning Outfits

Cox Brass Mfg. Co. "Orihim"), Albany, N. Y.
Dyer G. H. Co., Cambridge, Mass.
Storage Battery Supply Co. (For Storage Batteries, etc), 239 E 27th, New York

Lead Calking

See Lead Wool

7337— Lead (Came)

Chadwick-Boston Lead Co., Boston, Mass.
Lewis John T. & Bros. Co., Lafayette bldg, Phila., Pa.
Nat'l Lead Co., 111 B'way, New York
No. Amer. Cooper Co., 52 Vanderbilt av, New York
United Lead Co., 111 B'way, New York

7337a—Lead—Carbonate (White)

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

7338— Lead Chromate

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

7338a— Lead Coating (Lohman Process)

Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*

7339— Lead (Glaziers')

Eagle Picher Lead Co. (The), 208 S La Salle, Chicago, Ill.
Nat'l Lead Co., 111 B'way, New York

7339a— Lead (Hyposulphide)

Doggett Stanley (Black, Imp), 11 Cliff, New York
Fuller Ralph L. & Co., Inc., 2 Rector, New York. *See adv index at end of book*

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

7340— Lead Joint Remover

Smith A. P. Mfg. Co. ("French"), East Orange, N. J.

7340a— Lead (Lantern)

Chadwick-Boston Lead Co., Boston, Mass.

7340b— Lead Linoleate

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

7340c— .. Lead Nitrate

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Tennant C. Sons & Co. of N. Y. (Imp), 100 William, New York

7394d—Lead Oxide (Litharge)

(See also Litharge)

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

7341— Lead (Pig)

American Metal Co., 61 B'way, New York
American Smelting & Refining Co., 120 B'way, New York
American Zinc, Lead & Smelting Co., 120 B'way, New York
Balbach Smelting & Refining Co., 580 Market, Newark, N. J.
Central Smelting & Refining Co., Borden av & Hopwood, L. I. City, N. Y.
Coates, Bennett & Reidenbach, Rochester, N. Y.
Detroit Lead Pipe Works, Detroit, Mich.
Doerun Lead Co., Bonne Terre, Mo.
du Pont (E. I. de Nemours & Co.) (By-Products Divisions), Wilmington, Del.
Eagle Smelting & Refining Works, 233 B'way, New York
Granby Mining & Smelting Co., St. Louis, Mo.
Great Western Smelting & Refining Co., 41st & Wallace, Chicago, Ill.
Hendricks Bros., 49 Cliff, New York
Hennings V. & Sons, 330 Belmont av, Brooklyn, N. Y.
Hess Barney, 94 Van Dyke, Brooklyn, N. Y.
Honkamp Bros., 3951 Wentworth av, Chicago, Ill.
Humphreys E. C. Co., Book bldg, Detroit, Mich.
ILLINOIS SMELTING & REFINING CO., 410 N Peoria, Chicago, Ill.
See adv index at end of book
International Lead Refining Co., E. Chicago, Ind.
Johnson J. D. Co., 54 Cliff, New York
Lawrence Shot & Lead Co., Omaha, Neb.
Lissberger Marks & Son, 281 Borden av, Long Island City, N. Y.
LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y.
See adv index at end of book
Merchant & Evans Co., 2035 Washington av, Phila., Pa.
See adv index at end of book
Metal Products Co., Inc., 100 S Jefferson, Chicago, Ill. *See adv index at end of book*
Nassau Smelting & Refining Works, Ltd., 103 W 29th, New York
National Copper Refining Co., Cleveland, Ohio
Ohio Metal Co., 1137 N 4th, Columbus, Ohio
Penna. Smelting Co., Benedum Trees bldg, Pittsburgh, Pa.
Pitcher Lead Co., Joplin, Mo.
Richards & Company (Inc.), 192 Beverly, Boston, Mass.
St. Joseph Lead Co., 61 B'way, New York
Trotter Nathan & Co. (Jobbers), 36 N Front, Phila., Pa.
Union Smelting & Refining Co., St. Charles, Newark, N. J.
United Lead Co., 111 B'way, New York
United Metals Selling Co., 42 B'way, New York
United States Smelting Co., 120 B'way, New York
UNITED SMELTING & ALUMINUM CO., INC., 183-189 Commerce, New Haven, Conn.
U. S. Reduction Co., E Chicago, Ind.
U. S. Smelting, Ref. & Mining Co., 55 Congress, Boston, Mass.
Vernon Metal & Produce Co., 25 Beaver, New York
Vogelstein L. & Co., 42 B'way, New York

7342—Lead Pipe Couplings & Fittings

Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch houses see Alphabetical Section

7343—Lead Pipe, Sheet & Pig Lead Mfrs.

American Lead Co., 3116 Penn av, Pittsburgh, Pa.
Baker Lead Mfg. Co., Worcester, Mass.
Blatchford E. W. Co., 230 N. Clinton, Chicago, Ill.
Bogue-Wensley Lead Co. (Lead, Pipe & Sheet), Denver, Col.
Chadwick-Boston Lead Co., Boston, Mass.
Charleston Lead Works, Charleston, S. C.
Columbia Smelting & Refining Works, 366 West, New York
Detroit Lead Pipe Works, Detroit, Mich.
Du Bois Fred'k N. & Co., 247 9th av, New York
Eagle Picher Lead Co. (The), 208 S La Salle, Chicago, Ill.
Eagle Smelting & Refining Works, 233 B'way, New York
Fleck Bros. Co., 44 N 5th, Philadelphia, Pa.
Gibson & Price Co., 1786 Columbus, Cleveland, O.
Hoyt Metal Co., Boatmen's Bank bldg, St. Louis, Mo.
Jacobson I. M. & Sons Co. (Lead Pipe), 70 Catherine, Detroit, Mich.
Johnson J. D. Co. (Lead Pipe Only), 54 Cliff, New York
Kahn Bros., 785 Humboldt, Brooklyn, N. Y.
Lang E. M. Co., Portland, Me.
Lawrence Shot & Lead Co. (Sheet Lead), Omaha, Neb.
Lissberger Marks & Son, 281 Borden av, Long Island City, N. Y.
Merchant & Evans Co., 2035 Washington av, Phila., Pa.
See adv index at end of book
Metal Products Co., Inc., 100 S Jefferson, Chicago, Ill. *See adv index at end of book*

MICHIGAN SMELTING & REFINING CO.
1695 Jos. Campau, Detroit, Mich.

Millar Chas. & Son Co., Utica, N. Y.
Nassau Smelting & Refining Works, 607 W. 29th, New York
National Lead Co., 111 B'way, New York
National Lead & Oil Co. (of Pa.), (Sheet Lead), Commonwealth bldg, Pittsburgh, Pa.
Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
North American Copper Co., 52 Vanderbilt av, New York
North American Smelting Co., 900 Thompson, Phila., Pa.
Phillips Lead & Supply Co., 91 S Main, Providence, R. I.
Raymond Lead Co., 735 S Washtenaw av, Chicago, Ill.
Rochester Lead Works, Rochester, N. Y.
Sandoval Zinc Co., 410 N Peoria, Chicago, Ill. Works: Sandoval, Ill.
Selby Smelting & Lead Co., 201 1st, San Francisco, Cal.
Tillinghast L. H. Supply Co., 162 Dorrance, Providence, R. I.
Turner Lead Co. (Lead Pipe), E St. Louis, Mo.
United Lead Co., 111 B'way, New York
United Smelting & Aluminum Co., Inc., 189 Commerce, New Haven, Conn.
See adv index at end of book
U. S. Indestructible Gasket Co., Church & Fulton, New York
See adv index at end of book
Windsor Mfg. Co., 570 Clinton, Milwaukee, Wis.

7344—Lead Refiners (Electrolytic)

U. S. Metals Refining Co., 120 B'way, New York

7345—*Lead Refining Plants

ALLIS-CHALMERS MFG. CO. (Complete Plants), Milwaukee, Wis.
See adv index at end of book

7345a— *Lead Resinate

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

7345b— Lead Sulphate

Pennsylvania Salt Mfg. Co., Widener bldg, Phila., Pa.
St. Louis Smelting & Refining Co., International Life bldg, St. Louis, Mo.

7345c— Lead (Tempering)

Chadwick Boston Lead Co., 162 Congress, Boston, Mass.
Lewis John T. & Bros. Co., Lafayette bldg, Phila., Pa.

7346—Lead Traps, Bends & Ferrules

American Lead Co., 3116 Penn av, Pittsburgh, Pa.
Blatchford E. W. Co., 230 N Clinton, Chicago, Ill.
Bogue-Wensley Lead Co., Denver, Colo.
Chadwick Boston Lead Co., 162 Congress, Boston, Mass.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Detroit Sanitary Supply Co., 1191 2d, Detroit, Mich.
Du Bois F. N. & Co., 247 9th av, New York
Johnson J. D. Co. (Traps & Bends Only), 54 Cliff, New York
National Lead Co., 111 B'way, New York
National Lead & Oil Co. (of Pa.), Commonwealth bldg, Pittsburgh, Pa.
Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
North American Copper Co., 52 Vanderbilt av, New York
Raymond Lead Co., 735 S Washtenaw av, Chicago, Ill.
Rochester Lead Works, Rochester, N. Y.
Selby Smelting & Lead Co., 201 1st, San Francisco, Cal.
Smith Jas. R. & Co. ("J. R. S. Simplex" Ferrules), Mechanicsville, N. Y.
United Lead Co., 111 B'way, New York
Windsor Mfg. Co., 570 Clinton, Milwaukee, Wis.

7347—Lead (Wedge & Monumental)

American Lead Co., 3116 Penn av, Pittsburgh, Pa.
Bogue-Wensley Lead Co., Denver, Colo.
Chadwick-Boston Lead Co., Boston, Mass.
North American Copper Co., 52 Vanderbilt av, New York

7348— Lead Wool

Bogue-Wensley Lead Co., Denver, Colo.
Chadwick-Boston Lead Co., 162 Congress, Boston, Mass.
New York Lead Wool Co., 93 Nassau, New York
United Lead Co., 111 B'way, New York
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
See adv index at end of book

7349—Lead & Block Tin (Ribbon)

American Lead Co., 3116 Penn av, Pittsburgh, Pa.
Chadwick-Boston Lead Co., Boston, Mass.
United Lead Co., 111 B'way, New York

7350— Leaders (Cattle)

Covert Mfg. Co., Troy, N. Y.
Ely T. J. Mfg. Co. ("Krick's"), Erie, Pa.
Landers, Frary & Clark, New Britain, Conn.
Leavitt Mfg. Co., Urbana, Ill.
Peck, Stow & Wilcox Co., Southington, Conn.
Phillips M. T., Pomeroy, Pa.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Sargent & Co., New Haven, Conn.
Smith Seymour & Son, Oakville, Conn.
Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.

Leaders (Dog)

See Chains, Dog Leads

7351—Leadite For Pipe Joints

Leadite Co., Land Title bldg, Philadelphia, Pa.

7352— Leads (Gill Net)

Germann Bronze Co., Erie, Pa.

7353— Leads (Sounding)

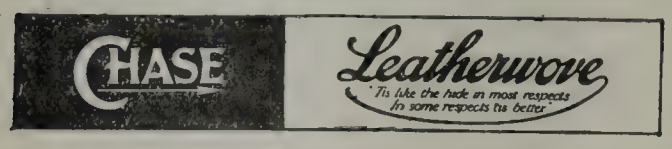
Chadwick-Boston Lead Co., Boston, Mass.
United Lead Co., 111 B'way, New York
Wilcox, Crittenden & Co. (& Net), Middletown, Conn.

7354-5—Leaf (Composition)

Coe W. H. Mfg. Co., 74 Weybosset, Providence, R. I.
Swift M. & Sons, Hartford, Conn.

7356— Leather (Artificial)

Athol Mfg. Co., Athol, Mass.
Barrell Wm. L. Co., 8 Thomas, New York
Boston Woven Hose & Rubber Co. ("Synthide"), Cambridge, Mass.
Chase L. C. & Co. ("Chase Leatherwove" Leather Substitute for Furniture, Car Seats & Wall Covering), 89 Franklin, Boston, Mass.
See adv index at end of book



Cooks Linoleum Co., Trenton, N. J.
Diamond State Fibre Co., Elsmere, Del.
Duratex Co. ("Duratex" & "Duratop"), Newark, N. J.
Haartz J. C. (Inc.), 136 Federal, Boston, Mass.
Keratol Co. ("Keratol"), 348 Van Buren, Newark, N. J.
Landers Bros. Co. (Celluloid Imitation), Toledo, O.
Mutty L. J. Co., 175 Congress, Boston, Mass.
National Fibre & Insulation Co., Yorklyn, Del.
O'Bannon Corp., 30 State, Boston, Mass.
Pantasote Co. ("Pantasote"), 11 B'way, New York
Pantasote Leather Co., Passaic, N. J.
Pickens' Auto Cloth Co., 1777 B'way, New York
Sillcocks-Miller Co. ("Texodren," for Upholstering, etc), So. Orange, N. J.
Standard Oil Cloth Co., 320 B'way, New York
Weymouth Art Leather Co., East Weymouth, Mass.
ZAPON LEATHER CLOTH CO. (Formerly Boston Artificial Leather Co.) ("Zapan," "Broncho," "Muleskin Leather Cloth," "Moroccoline"), 200 5th av, New York

7357—*Leather (Artificial-Imitation-Substitute)

DU PONT FABRIKOID CO. ("Fabrikoid," "Rayntite," a substitute for leather, used by upholsterers, bookbinders, carriage, bag, trunk, railway car & automobile manufacturers
Textile Leather Co., Inc., 212 5th av, New York

7358—Leather (Automobile Tire)

Chicago Tanning Co., 130 W Austin av, Chicago, Ill.
Pfister & Vogel Leather Co., Milwaukee, Wis.
Wilder & Co., 228 W Lake, Chicago, Ill.

7359—Leather Butts, Bends Or Sides

Detroit Leather Specialty Co. ("Wear Well"), 275 Beecher av, Detroit, Mich.
Graton & Knight Mfg. Co., Worcester, Mass.

7359a—*Leather Cloth Mfrs.

See also Leather Artificial

ZAPON LEATHER CLOTH CO. (Formerly Boston Artificial Leather Co.), ("Zapon," "Broncho," "Muleskin Leather Cloth," "Moroccoline"), 200 5th av, New York

7360—Leather Covering For Iron Pulleys

Graton & Knight Mfg. Co., Worcester, Mass.

7360a— *Leather Finishes

INNIS SPIEDEN & CO., 46 Cliff, New York
See adv index at end of book

Leather Goods

See the Specific Articles Required

7361— Leather (Harness)

Allen Bona (Inc.), Buford, Ga.
Allen N. R. Sons Co., Kenosha, Wis.
American Hide & Leather Co., 1330 Elston av, Chicago, Ill.
Anstedt C. Leather Co., 560 Commerce, Milwaukee, Wis.
Armour Leather Co., 175 N Franklin, Chicago, Ill.
Atlantic Leather Co., Ave A, Newark, N. J.
Badger State Tanning Co., Sheboygan, Wis.
Bretney H. V. Co., Springfield, O.
California Tanning Co., 1905 Shenandoah av, St. Louis, Mo.
Conrad Bros., 682 Commerce, Milwaukee, Wis.
England, Walton & Co., 3d & Vine, Phila., Pa.
Given R. & Son Co., Sidney, O.
Groezinger's G. Sons ("Helvetia"), Lancaster, Pa.
Haffner Bros. Co., 1130 Hopple, C W, Cincinnati, O.
Kroehle's A. Sons Co., Jennings rd, S W, Cleveland, O.
Kulmann, Salz & Co., Benicia, Cal.
Loescher J. Tannery Co., Muskegon, Mich.
Mooney W. W. & Sons, Columbus, Ind.
Nickelsburg Bros. Co., Meadow, Newark, N. J.
Pfister & Vogel Leather Co., Milwaukee Wis.
Reid Wm. W., 235 W. Lake, Chicago, Ill.
Scholze Robt. Tannery, Chattanooga, Tenn.
Shultz Belting Co. ("Sable Oak"), Bismarck & Barton, St. Louis, Mo.
Stifel Chas. F. Co., Preble & Juniata, N S Pittsburgh, Pa.
Trostel A. & Sons Co., 612 Commerce, Milwaukee, Wis.
United States Leather Co., 204 Essex, Boston, Mass.
Wilder & Co. (Jobbers), 228 W Lake, Chicago, Ill.
Williams I. B. & Sons, Dover, N. H.
Woelfel Leather Co., Morris, Ill.
Zeller G. F. & Sons, 272 Howard, Buffalo, N. Y.

7362—Leather (Hydraulic & Valve)

Auburn Leather Goods Co., Auburn, N. Y.
Auer C. A., Corry, Pa.
Bickford & Francis Belting Co., 34 Pearl, Buffalo, N. Y.
Chicago Rawhide Mfg. Co. ("Krome") 1301 Elston av, Chicago, Ill.
Cowan Andrew & Co., Louisville, Ky.
Etsweiler William, 230 N 3d, Phila., Pa.
Graton & Knight Mfg. Co., Worcester, Mass.
Groezinger's G. Sons ("Helvetia"), Lancaster, Pa.
Hough Chas. N. Mfg. Co., Franklin, Pa.
Judd & Leland Mfg. Co., Clifton Springs, N. Y.
Kendrick Valve & Washer Co., Syracuse, N. Y.
Ladew Edw. R. Co., 54 Franklin, New York
National Leather Mfg. Co., Niles, Mich.
Page Belting Co., Concord, N. H.
Palmer N. & Co., Bridgeport, Conn.
Schieren Chas. A. Co., 30 Ferry, New York
Shultz Belting Co., Bismarck & Barton, St. Louis, Mo.

7363— Leather (Mechanical)

Chicago Rawhide Mfg. Co. ("Krome" Water, Oil, Steam & Heat Proof), 1301 Elston av, Chicago, Ill.
Nott W. S. Co., 2d av N & 3d, Minneapolis, Minn.

7364—Leather Mechanical Goods

Houghton E. F. & Co. ("Vim"), 240 W Somerset, Phila., Pa.
Raniville F. Co., Grand Rapids, Mich.

7365— Leather (Nail)

American Leather Products Co., Indianapolis, Ind.
Parker & Hafner, Williamsport, Pa.

7366—Leather (Patent & Enameled)

Allen Bona (Inc.), Buford, Ga.
American Leather Mfg. Co., Newark, N. J.
American Oak Leather Co., Kenner, Dalton & McLean avs, Cincinnati, O.
Ashtabula Hide & Leather Co., Ashtabula, Ohio
Atlantic Leather Co., Ave A, Newark, N. J.
Ballard Japanning Co., Woburn, Mass.
Beggs & Cobb Tanning Co., Boston, Mass.
Blanchard Bros. & Lane, 20 Bruen, Newark, N. J.
Bristol Patent Leather Co., 327 Arch, Phila., Pa.
Buckman & Kean Japanning Co., Woburn, Mass.
Clark H. W. Leather Co., Woburn, Mass.
Cleveland Tanning Co., Denison av & B. & O. R. R., Cleveland, O.
Conneaut Leather Co., Conneaut, O.
Dunn Green Leather Co., 32 South, Boston, Mass.
Eclipse Tanning Co., 119 Sussex av, Newark, N. J.
Fleet Frank E. Co., 112 Beach, Boston, Mass.
Foncar Mary M., Woburn, Mass.
Good Bros. Leather Co., 142 Frelinghuysen av, Newark, N. J.
Haley Patent Leather Co., Winchester, Mass.
Halsey J. H. & Smith, New, Newark, N. J.
Hopkinson Leather Co., Woburn, Mass.
Howell T. P. & Co., New, Newark, N. J.
Howell-Hinchman Co., Middletown, N. Y.
Kaufherr & Co., 42 Garden, Newark, N. J.
Kelly & McLaughlin, 93 Colden, Newark, N. J.
Kimball B. F. & Co., Woburn, Mass.
Lackawanna Leather Co., Hackettstown, N. J.
Lang Henry Co., 17th av, Newark, N. J.
McCormick E. H. & Sons, 2822 Spring Grove av, Newark, N. J.
Murray Japanning Co., Woburn, Mass.
Ohio Tanning Co., Av C, Cincinnati, O.
Ottawa Leather Co., 288 W Lake, Chicago, Ill.
Pfister & Vogel Leather Co., Milwaukee, Wis.
Radel Leather Mfg. Co., Hamburg pl, Newark, N. J.
Reilly John, 40 Av C, Newark, N. J.
Reilly P. & Son, Passaic av, Newark, N. J.
Riordan Leather Co., 252 South, Newark, N. J.

LEATHER (PATENT & ENAMELED—continued

Seton Leather Co., 62 Verona av, Newark, N. J.
Smith Hugh, 210 Central av, Newark, N. J.
Smith L. M. & Sons, 59 Lock, Newark, N. J.
Sommer H. F. & Co., 219 Hamburg pl, Newark, N. J.
Stengel Geo., Inc., Waverly, N. J.
Stengel & Rothschild, Main, Newark, N. J.
Straus M. & Sons, Frelinghuysen av, Newark, N. J.
Thayer Foss Co., 15 South, Boston, Mass.
Woburn Leather Co., Woburn, Mass.

7367— Leather (Polishing)

Auer C. A., Corry, Pa.
Palmer N. & Co., Bridgeport, Conn.
Peckham Mfg. Co., 244 South, Newark, N. J.

7367a— *Leather Renovators

du Pont Chemical Works, 120 B'way, New York

7368—Leather Stuffing Apparatus

STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book

7368a—*Leather Substitute Solutions

du Pont Chemical Works, 120 B'way, New York

Leathers (Clutch)

See Linings, Clutch

7368b—*Leathers (Moulded)

Barwood L. J. Co. ("Barwood"), Stoneham Station, Boston, Mass.
See adv index at end of book

7369— Leathers (Pump)

Barwood L. J. Co. ("Barwood"), Stoneham Station, Boston, Mass.
See adv index at end of book
Detroit Leather Specialty Co., 275 Beecher av, Detroit, Mich.
Graton & Knight Mfg. Co. (Oak Tanned), Worcester, Mass.
Houghton E. F. & Co. ("Vim"), 240 Somerset, Phila., Pa.
Judd & Leland Mfg. Co., Clifton Springs, N. Y.
Kendrick Valve & Washer Co., Syracuse, N. Y.
Mark Mfg. Co., Evanston, Ill.
MYERS F. E. & BRO., 800 Orange, Ashland, O.
See adv index at end of book
Norwich Belt Mfg. Co. (Pump Valve), Norwich, Conn.
Nott W. S. Co., 2d av N & 3d, Minneapolis, Minn.
Palmer N. & Co., Bridgeport, Conn.
Sherman H. B. Mfg. Co., Battle Creek, Mich.

7370— Leathers (Shaft)

Nott W. S. Co., 2d av N & 3d, Minneapolis, Minn.

Ledgers (Loose Leaf)

See Loose Leaf Devices

7371—Leggings (Sportsman's)

B. E. Mfg. Co. (Leather & Canvas "Benico"), 18 W 18th, New York
Brauer Bros. Mfg. Co., 204 N 14th, St. Louis, Mo.
Hagerstown Shoe & Legging Co. ("Halco"), Hagerstown, Md.

7372— Legs (Bench)

Chicago Hardware Foundry Co., North Chicago, Ill.
Garwood Bronze & Iron Works (Cast Iron), Garwood, N. J.
Manufacturing Equipment & Engineering Co., 136 Federal, Boston, Mass.
New Britain Machine Co. ("New Britain, Pressed Steel), 190 Chestnut, New Britain, Conn.
Snead & Co. Iron Works, 98 Pine, Jersey City, N. J. *See adv index at end of book*

7373— Legs (Closet Seat)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Berglas M. P. Mfg. Co., 10 Fulton, Brooklyn, N. Y.
Grand Rapids Hand Screw Co., Grand Rapids, Mich.
Modern Iron Works, Quincy, Ill.
Shwab Bros. Co., 811 E 9th, New York
Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
Wolff L. Mfg. Co., 111 N Dearborn, Chicago, Ill.

7374—Legs (Closet & Urinal Stall)

Albert G. G. & Co. (Brass), Bangor, Pa.
American Foundry & Mfg. Co., 11th & Herbert. St. Louis, Mo.
American Sanitary Mfg. Co. ("American"), Abingdon, Ill.
Carpenter R. F. Mfg. Co., 984 E 64th, Cleveland, O.
COLUMBUS BRASS CO., 538 Dublin av, Columbus, O.
See adv index at end of book
East Bangor Consolidated Slate Co., East Bangor, Pa.
Edwardsville Brass Co., Edwardsville, Ill.
Haines, Jones & Cadbury Co., 1130 Ridge av, Phila., Pa.
McCambridge Co., 20th & Wood, Philadelphia, Pa.
Monarch Brass Co., Cleveland, O.
Pittsburgh Brass Mfg. Co., Pittsburgh, Pa.
Rundle-Spence Mfg. Co., 63 2nd, Milwaukee, Wis.
Ryan J. J. & Co., 104 S Jefferson, Chicago, Ill.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
Wolff L. Mfg. Co., 111 N Dearborn, Chicago, Ill.
Zero Valve & Brass Mfg. Co., Buffalo, N. Y.

7375— Legs (Counter)

Wrightsville Hardware Co., Wrightsville, Pa.

7376— Legs (Drain Board)

Trenton Brass & Machine Co. (Telescoping), Trenton, N. J.

7377— Legs (Laundry Tub)

Bohrer R. E., 347 North, Rochester, N. Y.
Cheney S. & Son, Manlius, N. Y.
Haines, Jones & Cadbury Co. ("Hajoca"), 1130 Ridge av, Phila., Pa.
Luther Grinder Mfg. Co., 285 S Water, Milwaukee, Wis.
Modern Iron Works, Quincy, Ill.
Union Foundry Co., Anniston, Ala.

7378— Legs (Lavatory)

American Brass & Copper Co. (Brass, Polished, Nickel, etc), 138 Lafayette, New York
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
American Pin Co. ("Ampinco" Brass), Waterbury, Conn.
Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
Douglas John Co., Carthage, Cincinnati, O.
Du Bois F. N. Co., 247 9th av, New York
Edwardsville Brass Co., Edwardsville, Ill.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill.
See adv index at end of book
Mott J. L. Iron Works, Trenton, N. J.
Pittsburgh Brass Mfg. Co., Pittsburgh, Pa.
Warren Brass Foundry, Warren, O.
Wolverine Brass Works, Grand Rapids, Mich.

7379—Legs (Sewing Machine Table)

Fisher Knitting Machine Co., Utica, N. Y.

7380—Legs (Sink & Wash Tray)

Acme Mfg. Co., Bangor, Me.
Ahrens & Ott Mfg. Co., 14-30 N Peoria, Chicago, Ill.
Bailey F. T. & Co., N. Scituate, Mass.
Central Foundry Co. (Cast Iron), 90 West New York
Cheney S. & Son, Manlius, N. Y.
Edwardsville Brass Co., Edwardsville, Ill.
Haines, Jones & Cadbury Co. ("Hajoca" Cast Iron), 1130 Ridge av, Phila., Pa.
Luther Grinder Mfg. Co. ("Shur-on," "Detachable"), 285 S Water, Milwaukee, Wis.

7381-2— Legs (Table)

Ohio Scroll & Lumber Co., Covington, Ky.
South Bend Dowel Works, South Bend, Ind.
Stephenson Mfg. Co., South Bend, Ind.

Legs (Urinal)

See Legs, Closet & Urinal Stall

7383—Lehrs (Annealing, Window Glass)

Woods-Lloyd Co. ("Tondeur"), S 30th & Jane, Pittsburgh, Pa.

7383a—"Lenix" Belt Drive

SMIDTH F. L. & CO., 50 Church, New York

7384— Lenses

Allendorf Co. ("Moia," Photographic), Cleveland, O.
American Optical Co., Southbridge, Mass.
Atchison Optical Co., Atchison, Kans.
Apffel Philip Co., 54 John, New York
Bache, Semon & Co. (Imp.), 636 Greenwich, New York
Bausch & Lomb Optical Co. ("Centex," "Punktal," "Deltar," "Krypstok," "Ultex" Opthalmic Projection, "Tessar" & "Protar" Photographic), Rochester, N. Y.
Berger Albert & Co. (" W. B. & C."), 45 John, New York
Consolidated Lamp & Glass Co. (Flashlight), Coropolis, Pa.
Corning Glass Works ("Spredlite," Bullseye, Fresnel, for Ship Lights, Corrugated for Semaphores & Other Signals), Corning, N. Y.
Crown Optical Co. (Photographic), Rochester, N. Y.
Cusack Thos. Co. ("De Luxe" Sign), 1312 W Harrison, Chicago, Ill.
Federal Sign System (Electric Sign), 640 W Lake, Chicago, Il.
Fry H. C. Glass Co., Rochester, Pa.
General Optical Co., 50 E 42nd, New York
Genesee Optical Co. ("Toroid"), Rochester, N. Y.
Goerz C. P. American Optical Co. (Photographic), 317 E 24th, New York
Gundlach-Manhattan Optical Co. (Photographic), Rochester, N. Y.
Jefferson Glass Co. (Automobile, Railway Signal, Flashlight & Moving Picture) Follansbee, W. Va.
Libbey Glass Co., Toledo, O.
Macbeth-Evans Glass Co. (Flashlight), Wabash bldg, Pittsburgh, Pa.
Murphy Geo. (Inc.), ("Boss" Photographic), 57 E 9th, New York
Optical Lens Co., Southbridge, Mass.
Pinkham & Smith Co. (Photographic), 288 Boylston, Boston, Mass.
Popper & Son, Leo. (Flashlight), 143 Franklin, New York
Rodefer Glass Co. The (Pressed Bullseye Lenses for Pocket Flashlights, etc), Bellaire, O. *See adv index at end of book*
Sneath Glass Co. (All Colors), Hartford City, Ind.
Spencer Lens Co. (Photographic), Buffalo, N. Y.
Spencer Optical Co. (Optical), 5 Maiden la, New York
Siegman & Weil (Flashlight), 20 E 27th, New York
Tilton Optical Co., Tilton, N. H.
United States Lens Co., Geneva, N. Y.
Voigtlander & Sohn, 240 E Ontario, Chicago, Ill.
Wheeling Glass Letter & Novelty Co. (Sign), Wheeling, W. Va.
Wollensak Optical Co. (Photographic, etc), Rochester, N. Y.
Wood William F. & Son (Toric), South Coventry, Conn.

7385—Lenses (Automobile Lamp)

American Spectacle Co., 1328 Broadway, New York
Bache, Semon & Co. (Imp.), 636 Greenwich, New York

Bausch & Lomb Optical Co., Rochester,N.Y.
Corning Glass Works, Corning, N. Y.
Fry H. C. Glass Co., Rochester, N. Y.
Holophane Glass Co., 340 Madison av, New York
Jefferson Glass Co., Follansbee, W. Va.
Lancaster Lens Co. ("Lancaster"), Lancaster, O.
Legalite Corp., 120 Boylston, Boston, Mass.
McKee Glass Co., Jeannette, Pa.
Macbeth-Evans Glass Co., Wabash bldg, Pittsburgh, Pa.
Matisse C. & A. (Condensing), 551 E 116th, New York
Saferlite Lens Co., 220 5th av, New York
Super Lighting Co. ("Controllite"), 1842 B'way, New York
Warner-Lenz Co., 914 S. Michigan av, Chicago, Ill.

7385a1— Lenses (Glasses)

Raydex, Inc., Jamestown, N. Y.

7385a2— Lepidolite

Drakenfeld B. F. & Co. ("Kallith"), 50 Murray, New York

7385a—*Letters (Brass & Bronze)

See also Numbers & Letters Metal
Newman Mfg. Co., 717 Sycamore, Cincinnati, Ohio, & 68 W Washington, Chicago, Ill. *See adv index at end of book*
Sargent & Co., New Haven, Conn.

Letters (Changeable Building Directory)

See Building Directories, Changeable

7386— Letters (Glass)

Chicago Glass Novelty Co., Marion, Ind.
Herrlein & Henrich Co. (Cut), 97 Hudson, New York

7387— Letters (Milk Can)

Central Stamping Co., 172 Fulton, New York
National Enameling & Stamping Co., 411 5th av, New York

7388— Letters (Office Door)

Nytanday Letter & Design Co. ("Nytanday" Metal), 100 William, New York

7389—Letters (Porcelain Sign)

Brilliant Sign Letter Co., 478 6th av, New York
Cambridge Tile Mfg. Co., Covington, Ky.
Colonial Sign & Insulator Co. (For Electric Signs), Akron, O.
Newman Mfg. Co., 717 Sycamore, Cincinnati, O., & 68 W Washington, Chicago, Ill. *See adv index at end of book*

7390— Letters (Sign)

Brilliant Sign Co., 3531 Washington, St. Louis, Mo.
Chicago Glass Novelty Co., Marion, Ind.
Federal Sign System (Electric, Metal), 640 W Lake, Chicago, Ill.
Metallic Sign Letter Co. (Metallic), 433 N Clark, Chicago, Ill.
Pioneer Corporation (Eradium 5th Luminous), 1249 W 65th, Chicago, Ill.
Pressed Prism Plate Glass Co., 25 N Dearborn, Chicago, Ill.
Universal Sign & Letter Co. (Metal), Brooklyn, N. Y.

7391—Letters (Sign, Cast Iron)

Benfield & Milne Mfg. Co., Woodside av, Newark, N. J.
Ziegler Bros. Co. (Removable Metallic), Elgin, Ill.

Letters (Transfer)

See Ornaments, Transfer

7392— Letters (Wood)

Bogert & Hopper (Enameled Wood), 67 Barclay, New York
Estes E. B. & Sons (Enameled, etc), 364 5th av, New York
See adv index at end of book
Spanjer Bros. (For Signs from 3 to 16 inches), ft Centre, Newark, N. J

7393—Letters & Figures (Aluminum)

Aluminum Goods Mfg. Co., Manitowoc, Wis.
Grammes L. F. & Sons, Allentown, Pa. *See adv index at end of book*
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.

7394—Letters & Figures (Harness)

Enterprise Mfg. Co., Akron, O.

7395—Letters & Figures (Pattern)

American Casting & Mfg. Corp., Brooklyn, N. Y.
Brim A. W. (White Metal & Brass, Seneca Falls, N. Y.
Butler A. G., 253 B'way, New York
Cleveland Galvanizing Works Co. (White Metal & Brass), 3924 Cooper av, Cleveland, O.
Crawford Supply Co. (White Metal), Bucyrus, O.
Everett A. & Son (White Metal & Brass), Auburn, N. Y.
Freeman Pattern Works, Toledo, O.
Hanson C. H. Co., 178 N Clark, Chicago, Ill.
Knight H. W. & Son (White Metal & Brass), Seneca Falls, N. Y.
McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.
Matthews Jas. H. & Co. (Pattern House, etc), 3942 Forbes, Pittsburgh, Pa.
Niagara Falls Metal Stamping Works (Steel, Brass & Aluminum), Niagara Falls, N. Y.
Oliver Machinery Co., Grand Rapids, Mich.
Roovers Bros. (Presses for Making), 100 Schermerhorn, Brooklyn, N. Y.
See adv index at end of book
St. Louis Electrotype Foundry, 214 Pine, St. Louis, Mo.
Shanafelt Mfg. Co., Canton, O.
Timmis & Clissold, Bound Brook, N. J.
Wellman Pattern Supply Co. (White Metal), Cleveland, O.

7396—Letters & Figures (Steel)

Allen, Doane & Co. ("Liberty Brand"), 29 Cornhill, Boston, Mass.
Cleveland Galvanizing Works, Cleveland, Ohio
Cleveland Steel Stamp Works Co., 3924 Cooker av, Cleveland, O.
Everett A. & Son, Auburn, N. Y.
Goodell-Pratt Co. (For Metal Stamping), Greenfield, Mass.
Hanson C. H. Co. (Machine Made, Cold Rolled), 178 N Clark, Chicago, Ill.
Keene Fred H. (Hand Cut), 149 Church, New York
Knight H. W. & Son (For Steel Stamping), Seneca Falls, N. Y.
Konigslow E. Stamping & Tool Works, Cleveland, O.
Leonard Die & Seal Co. (Hand Cut), 522 S Clinton, Chicago, Ill.
MATTHEWS JAS H. & CO. (Hand Made), 3942 Forbes, Pittsburgh, Pa.
Moise-Klinkner Co., 369 Market, San Francisco, Cal.
Newman Mfg. Co. (Lithographed), 717 Sycamore, Cincinnati, O., & 68 W Washington, Chicago, Ill.
See adv index at end of book
Niagara Falls Metal Stamping Works (Also Stamp, Brass & Aluminum), Niagara Falls, N. Y.
Quality Die Co., 1430 E. 64th, Chicago, Ill.
Schoder & Lombard Stamps & Die Co., 202 Centre, New York
Schwerdtle Stamp Co., 43 Cannon, Bridgeport, Conn. *See adv index at end of book*
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.

7396a— *Leukonin

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

7397— Levelers (Coke)

Alliance Machine Co. (Combined Pusher & Leveler), Alliance, O.
Atlas Car & Mfg. Co. (Electric), Cleveland, O.
Covington Machine Co. (For Bee-Hive Coke Ovens), Covington, Va.
Gas Machinery Co., 1900 Euclid av, Cleveland, O.
Wellman-Seaver-Morgan Co., Cleveland, Ohio

7398— Levelers (Coopers')

White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

7399—Levelers (Roller, For Plates & Sheets)

HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*

7400— Levels

Acme Level & Mfg. Co., Toledo, O.
Ainsworth Wm. & Sons ("Wye," "Dumpy"), Denver, Colo.
Athol Machine Co. (Iron Pocket Plumbers', Machinists', Iron Bench, Carpenters', etc), Athol, Mass.
Bausch & Lomb Optical Co. ("Wye," "Dumpy," "Precise," etc), Rochester, N. Y.
Beckmann L. Co., 1003 Jackson, Toledo, O.
Bedortha Bros., Windsor, Conn.
Berger C. L. & Sons, 35 Williams, Boston, Mass.
Bostrom-Brady Mfg. Co. ("Bostrom," Builders), Atlanta, Ga.
Browne W. G. Mfg. Co. (Wood), Kingston, N. Y.
Chapin-Stephens Co. (Adjustable & Non-Adjustable Machinists', Brass Cornered, etc), Pine Meadow, Conn.
Crescent Tool Mfg. Co. (Brick Masons'), 1002 Cass av, St. Louis, Mo.
Dietzgen Eugene Co., 166 W Monroe, Chicago, Ill.
Disston Henry & Sons (Inc.), (Iron Shafting Pocket, Machinists', etc), Tacony, Phila., Pa.
Elliott B. K. Co., 126 6th, Pittsburgh, Pa.
French, H. P. Co., Inc., 320 B'way, New York
See adv index at end of book

WE OPERATE THE LARGEST FACTORY IN THE WORLD DEVOTED TO THE EXCLUSIVE MANUFACTURE OF LEVELS

Carpenters' and Masons' Levels and Plumbs and Levels, Mahogany, Glued-Mahogany, Cherry, Glued-Cherry, Rosewood and Pine.
Machinists' Aluminum and Iron Plumbs, Levels and Squares.
Track Levels and Gauges of every description.
French's Improved Erie Track Level.
Levels for 5-10-25c. Store Trade— Cherry, Mahogany and Natural Finish.
Special Patterns made from drawings and blueprints.

H. P. FRENCH COMPANY, INC.
320 Broadway, New York

Frost & Adams Co. ("Yankee" Compound), 37 Cornhill, Boston, Mass.
Geier & Bluhm ("Wye"), Troy, N. Y.
Goodell-Pratt Co. ("Richardson," "Stratton Level Co." Pocket, Bench, Engineers', Wood & Iron & Aluminum), Greenfield, Mass.
Gurley W. & L. E. (Architects', Engineers', Contractors' & Builders', etc), Troy, N. Y.
Helb Edward ("American" Combined Level & Grade Finder), Railroad, Pa.
Heller & Brightly (Engineers), Dept. H, 1122 Spring Garden, Phila., Pa.
Lenard-Warren Co., ("Sterling") 136 N 12th, Philadelphia, Pa.
Jackson S. R. ("Spirit," "Cook" Pat. also "Davis & Cook" Graduated Aluminum Plumb & Level), Watertown, N. Y.

LEVELS—continued

Jennings C. E. & Co. ("C. E. J. & Co.'s" Iron, Hexagon, Adjustable, etc), 71 Murray, New York
Keuffel & Esser Co. ("Abney's," "Dumpy," "Locke's," Architects & Farm), Hoboken, N. J.
King Level Works ("King Spirit"), Brighton, Mich.
Kolesch & Co., 138 Fulton, New York
Lietz A. Co., 61 Post, San Francisco, Cal.
Millers Falls Co. (Iron), 28 Warren, New York
Pease C. F. Co. (Contractors), 220 W Institute pl, Chicago, Ill.
Pfister Wm. H. (Architects' & Builders'), 230 W 4th, Cincinnati, O.
Prince L. M. Co., 108 W 4th, Cincinnati, O.
Putnam Machine Co. (Iron, Machinists', etc), Fitchburg, Mass.
Queen-Gray Co. (Architects', Engineers', etc), 618 Chestnut, Phila., Pa.
Robinson M. W. Co. ("Davis" Patent Iron), 203 37th, Brooklyn, N. Y.
Sand J. & Sons (Plumbs & Levels, 1023 Rivard, Detroit, Mich.
Sawyer Tool Mfg. Co. (Cross Adjustable Bench, Combination & Pocket), Ashburnham, Mass.
Southington Hardware Co. (Steel), Southington, Conn.
Stanley Rule & Level Co. (Bit & Square, Iron, Wood, Pocket, etc), New Britain, Conn.
STARRETT L. S. CO. (THE) (Iron, Adjustable Bench, etc), Athol, Mass.
See adv index at end of book
Stearns E. C. & Co. (Bit & Square), 450 Oneida, Syracuse, N. Y.
Taylor Instrument Companies ("Tycos," "Abney"), Rochester, N. Y.
See adv index at end of book
Ulmer J. C. Co. (Engineers', Architects' etc), Cleveland, O.
Warren-Knight Co. ("Sterling"), 136 N 12th, Phila., Pa.
White David Co. (Architects' Convertible, Transit, Dumpy, Farm, Engineers' Y & "Locke's" Hand), 419 E Water, Milwaukee, Wis.
Williamsburg Mfg. Co. (Machinists', Hex, Pocket, etc), Williamsburg, Mass.
Woodwell Joseph Co. ("Jackson" Aluminum Line), 207 Wood, Pittsburgh, Pa.
Wright Land Level Co. (Farm), Cave Spring, Ga.
Young & Sons (Engineers', etc), 43 N 7th, Phila., Pa.

7401— Levels (Track)

Aldon Co., 3338 W Ravenswood av, Chicago, Ill.
Buda Co. ("McManus" Combined Track Gauge Level, etc), Railway Exchange bldg, Chicago, Ill.
Chapin-Stephens Co., Pine Meadow, Conn.
Disston Henry & Sons (Inc.), (Levels & Gauges), Tacony, Phila., Pa.
Fairbanks, Morse & Co. ("Duplex," "McHenry," etc), 900 S Wabash av, Chicago, Ill.
French H. P. Co., 320 B'way, New York
See adv index at end of book
Handlan-Buck Mfg. Co., 210-14 N 3d, St. Louis, Mo.
Irving Mfg. & Tool Co., 157 Chambers, New York
Jackson S. R. ("Cook"), Watertown, N. Y.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Sheffield Car Co. ("The McHenry"), Three Rivers, Mich.
Verona Tool Wks., Verona, Pa., & Pittsburgh, Pa.

7402—Levers (Automobile Control)

Baker Gun & Forging Co., Batavia, N. Y.
Halladay L. P. Co. (Side), Streator, Ill.
Mechanics' Machine Co., Rockford, Ill.
Ohio Forge Co. (Forged), Cleveland, O.
Warner T. W. Co., Muncie, Ind.
Western Drop Forge Co. (Drop Forged), P. O. Box 386, Marion, Ind.
Western Tool & Forge Co., Brackenridge, Pa.
Williams J. H. & Co. (Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

7403— Levers (Brake)

Altoona Iron Co. (Wrought Iron), Altoona, Pa.
Bethlehem Steel Co., So Bethlehem, Pa.
Halladay L. P. Co. (Side), Streator, Ill.
Kansas City Bolt & Nut Co. (Forged), Kansas City, Mo.
National Screw Tack Co., Cleveland, O.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Steel Car Forge Co., Pittsburgh, Pa. Works, Ellwood City, Pa.
Valley Forging Co., Verona, Pa.
William J. H. & Co. (Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

7404—Levers (For Goosenecks)

Riverside Foundry & Galvanizing Co., Kalamazoo, Mich.

7405— Levers (Igniter)

Williams J. H. & Co. (Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

7406—Lewises (Pin, Chain, Etc.)

Brunner & Lay, 570 W Polk, Chicago, Ill.
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.

7407—Library Shelving & Fittings (Metallic)

Art Metal Construction Co., Jamestown, N. Y.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
General Fireproofing Co. ("G. F. All-steel"), Youngstown, O.
Keighley S. Metal Ceiling & Mfg. Co., 124 3 av, Pittsburgh, Pa.
Library Bureau, 43 Federal, Boston, Mass.
SNEAD & CO. IRON WORKS ("Green's"), 98 Pine, Jersey City, N. J. Works: Jersey City, N. J.
See adv index at end of book
Steel Fixture Mfg. Co., Topeko, Kan.
Stiffel & Freeman Co., Lititz, Pa.
Stikeman Geo. ("Stikeman"), 114 W 32d, New York

7408-9—Licorice (Powdered)

Hillier's R. Son Co., 100 William, New York
Hopkins J. L. & Co., 100 William, New York
Jacob Chas. W. & Allison, 18 Cedar, New York
Peek & Velsor (Imp), 9 Gold, New York
Weaver & Sterry, 79 Pine, New York

7410— Lids (Journal Box)

Allegheny Steel Co. (Stamped Steel), Oliver bldg, Pittsburgh, Pa.
American Shovel & Stamping Co., Lorain, Ohio
Davis Brake Beam Co., Johnstown, Pa.
McCord & Co., 122 S Michigan av, Chicago, Ill.
Railway Steel Spring Co., 30 Church, New York
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Symington T. H. Co., Md. Trust bldg, Baltimore, Md.
Union Spring & Mfg. Co. (Pressed Steel), New Kensington, Pa.

7411—Lids (Repair, Curb Box)

Paradine Mfg. Co., Erie, Pa.

7412— Lids (Stove)

Wehrle Co., Newark, O.

Life Boats

See Boats & Rafts, Life

Life Nets

See Nets, Life Saving

7413— Life Preservers

Armstrong Cork Co. ("Acme"), 24th & A. V. R. R., Pittsburgh, Pa.
Brauer Justus & Son, 129 Arch, Phila., Pa.
Davol Rubber Co., 69 Point, Providence, R. I.
Drein Thos. & Sons Co., Townsend & A., Wilmington, Del.
Galbraith C. C. & Son, 49 West, New York
Goodyear Rubber Co., & Rubber Clothing Co., 787 B'way, New York

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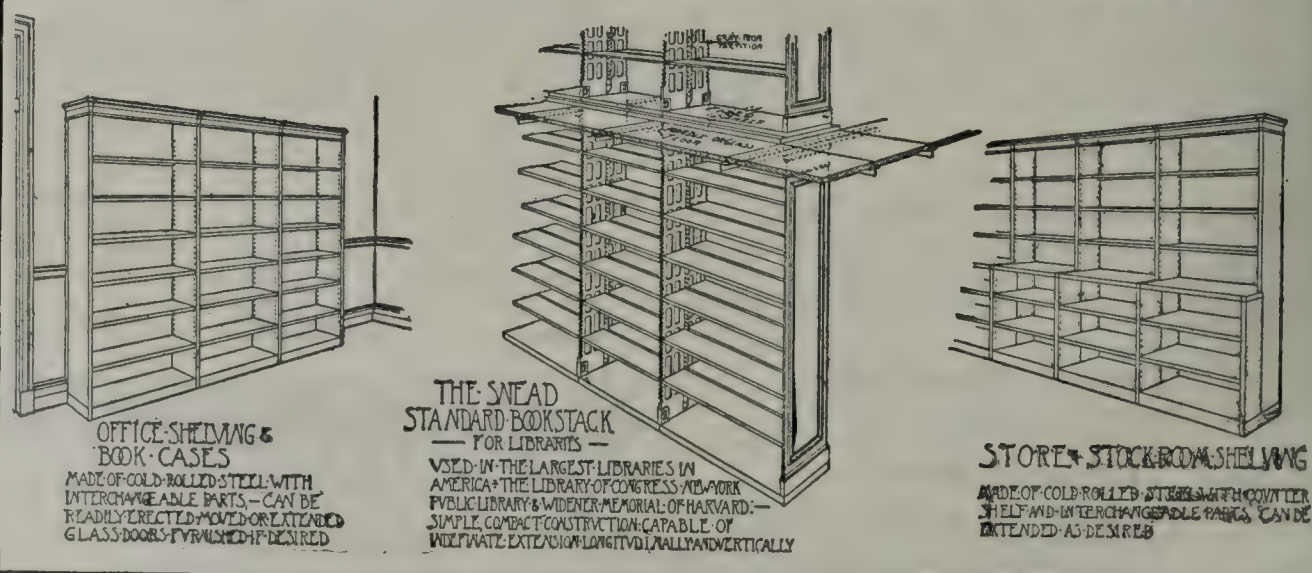

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Hodgman Rubber Co., 8 W 40th, New York
Independent Cork Co., 574-576 Hamilton av, cor. 17th, Brooklyn, N. Y.
See adv index at end of book
Kahnweiler's David Sons, 260 Front, New York
Mundet L. & Sons, Ferris, Brooklyn, N. Y.
National India Rubber Co., Bristol, R. I.
Pneumatic Mfg. Co., 123 Pacific, Brooklyn, N. Y.
Regina Swimming Devices & Novelty Co., 22 E 21st, New York
Robinson, Roders Co., Newark, N. J.
Welin Marine-Equipment Co. ("A. B. C."), 305 Vernon av, Long Island City, N. Y.

Life Rafts

See Boats & Rafts, Life

Lifters (Automobile Valve)

See Tools, Valve Removing

7414— Lifters (Beet, Etc.)

Bay City Plow Works, Bay City, Mich.

7415— Lifters (Car Step)

St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

Lifters (Core)

See Bits, Core

7416— Lifters (Heel)

Richard Stephen Co., Southbridge, Mass.

7417— Lifters (Hot Pan)

Cassady Fairbank Mfg. Co. ("Nash"), 6126 S La Salle, Chicago, Ill.
Wolverine Supply & Mfg. Co., Page & Fontella, Pittsburgh, Pa.

Lifters (Sash, Bar)

See Lifts Sash

7418— Lifters (Stove Lid)

Adams Co., Dubuque, Ia.
Adell Mfg. Co. ("Never Slips"), Orange, Mass.
Arcade Mfg. Co., Freeport, Ill.
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Ely T. J. Mfg. Co., Erie, Pa.
Fanner Mfg. Co. ("Arctic," Steel Wire Handle), Cleveland, O.
Gray Iron Foundry Co. (Cast Iron), Reading, Pa.
Grey Iron Casting Co. ("Cold Handle," "My Choice," "Favorite"), Mt. Joy, Pa.
Hamblin & Russell Mfg. Co. ("Crown," "Grip"), Worcester, Mass.
Imboden I. C. Co. ("Handy," Combination), Cleona, Pa.
Indiana Hollow Ware Co. (Cast Iron), Jeffersonville, Ind.
Kramer Bros. Foundry Co., Dayton, O.
Lynd L. E. Mfg. Co. ("Zero"), Mechanicsville, N. Y.
Marcy Stove Repair Co., 74 Beekman, New York
Morgan Spring Co. ("Eclipse"), Worcester, Mass. *See adv index at end of book*
New York Stamping Co. ("Zero"), N 11th & Berry, Brooklyn, N. Y.
Nicol & Co. ("N. & Co. Arctic"), 218 N Jefferson, Chicago, Ill.
Phillips & Buttorff Mfg. Co., Nashville, Tenn.
Stover Mfg. Co. ("Ideal"), Freeport, Ill.
Troy Nickel Works, Albany, N. Y.
Wagner Mfg. Co., Sidney, O.
Wehrle Co., Newark, O.
Williams A. C. Co., Ravenna, O.
Wrightsville Hardware Co., Wrightsville, Pa.

Lifters (Tack)

See Claws & Pullers, Tack

Lifters (Transom)

See Lifts, Transom

Lifters (Valve)

See Tools, Valve Removing

Lifts (Air)

See Lifts, Pneumatic; also Penumatic Pumping Systems

7418a— Lifts (Air Jet)

Schutte & Koerting Co., 1251 N 12th, Phila., Pa.

Lifts (Ash)

See Hoists, Ash

7419— Lifts (Hydraulic)

Coffin Valve Co. (For Large Water Gates), Neponset, Boston, Mass.
Elmes Chas. F. Engineering Works, Inc., cor. Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
Illinois Pump & Brass Co. ("Perfect"), Peoria, Ill.
Wood R. D. & Co. (Portable), 400 Chestnut, Phila., Pa.

7420— Lifts (Instep)

Gilbert E. T. Mfg. Co., Rochester, N. Y.

7420a— Lifts (Liquid)

LUMMUS WALTER E. CO. ("Metrolift" Automatic), 173 Milk, Boston, Mass.

Lifts (Magnetic)

See Magnets, Lifting

7421— Lifts (Man)

Miller Wm. A. Elevator Mfg. Co. (Grain Elevators), 9th & Victor, St. Louis, Mo.
Union Iron Works (Inc.), (For Grain Elevators, etc), Decatur, Ill.

7422— Lifts (Mine Car)

Holmes Robt. & Bros. (Double & Single), Danville, Ill.

7423—*Lifts (Motor Armature)

DUFF MFG. CO., N. S. Pittsburgh, Pa.
See adv index at end of book

7424—Lifts (Motor, Car Pit)

See also Cranes; also Hoists
Brill J. G. Co., 62d & Woodland av, Phila., Pa.
Columbia Machine Works & Malleable Iron Co. ("Columbia," Pneumatic), Atlantic av & Chestnut, Brooklyn, N. Y.
DUFF MFG. CO., N. S., Pittsburgh, Pa.
See adv index at end of book
Patten Paul B. Co., Salem, Mass.

7425— Lifts (Pneumatic)

See also Pneumatic Pumping Systems; also Lifts, Water
Ingersoll-Rand Co. ("Imperial," "Pohle" & "Saunders," for Water, & "Moran" & "Moser," for Oil), 11 B'way, New York *See adv index at end of book*
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.

7426— Lifts (Sash)

ACKLIN STAMPING CO., 1659 Dorr, Toledo, O. *See adv index at end of book*
Allith-Prouty Co. ("Prouty" Hook, Flush & Bar), Danville, Ill.
American Nut & Bolt Fastener Co., Ontario & Dover, Pittsburgh, Pa.
Arcade Mfg. Co., Freeport, Ill.
Berbecker & Rowland Mfg. Co., Waterville, Conn.
Bradley & Farnham, Middlefield, Conn.
Brainerd Mfg. Co., East Rochester, N. Y.
Brass Goods Mfg. Co., 533 Union, Brooklyn, N. Y.
Champion Hardware Co., Geneva, O.
Corbin P. & F., New Britain, Conn.
Creamer W. G. & Co., 96 John, New York
Dent Hardware Co. (Bar), Fullerton, Pa.
Enterprise Hardware Mfg. Co., Frederick, Md.
Frantz Mfg. Co., Sterling, Ill.
Gaynor Mfg. Co., Bridgeport, Conn.
Grammes L. F. & Sons (Ring, Flush, etc), Allentown, Pa.
See adv index at end of book
Grey Iron Casting Co. (Hook, Flat & Bar), Mt. Joy, Pa.
Griffin Mfg. Co., Erie, Pa.
Howard Jas. L. & Co., Hartford, Conn.
Ives H. B. Co. (Hook, Flush, etc), New Haven, Conn.
McKinney Mfg. Co. (Wrought Steel), N. S., Pittsburgh, Pa.
National Mfg. Co. (Wrought Steel or Brass), Sterling, Ill.
Norwalk Lock Co., South Norwalk, Conn.
Payson Mfg. Co. (Bar Sash), 2918 W Jackson blvd, Chicago, Ill.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sharon Hardware Mfg. Co. (Steel Flush, Hook, etc), Sharon, Pa.
Shelby Spring Hinge Co. (Steel Hook, also Bronze & Brass, Polished), Shelby, O.
STANLEY WORKS (Wrought Steel), New Britain, Conn.
See adv index at end of book
Stover Mfg. Co., Freeport, Ill.
Taylor & Boggis Foundry Co., Cleveland, Ohio
Western Brass Mfg. Works, Marshall blvd & W 21st, Chicago, Ill.
Wrightsville Hdwe. Co., Wrightsville, Pa.
Yale & Towne Mfg. Co., 9 E 40th, New York

Lifts (Sewage)

See Sewage Ejectors

Lifts (Sidewalk)

See Elevators, Sidewalk

7427— Lifts (Skylight)

Danzer Metal Works, Hagerstown, Md.

7428— Lifts (Transom)

Corbin Cabinet Lock Co. (Concealed), New Britain, Conn.
Diehl Novelty Co. ("Diehl"), Glenbeulah, Wis.
Payson Mfg. Co. ("Simplex"), 2918 W Jackson blvd, Chicago, Ill.
Penn Hardware Co. ("Penn"), Reading, Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Yale & Towne Mfg. Co., 9 E 40th, New York

7429— Lifts (Water)

See also Lifts, Pneumatic
See also Pumps, Hydraulic
Bishop-Babcock-Becker Co. ("Eureka," "Champion," Automatic Electric & Hydraulic), Cleveland, O.
Braender Philip (Automatic), 315 4th av, New York
Buckeye Pump & Mfg. Co. ("Buckeye" Automatic), Columbus, O.
Cleveland Faucet Co. ("Champion" Automatic), Cleveland, O.
Clow Jas. B. & Sons ("Clow"), Franklin & Harrison, Chicago, Ill.
Flint & Walling Mfg. Co., Kendallville, Ind.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Illinois Pump & Brass Co. ("Perfect Duplex" Automatic for House Use), Peoria, Ill.
INGERSELL-RAND CO. (Air "Imperial," "Pohle" & "Saunders"), 11 B'way, New York. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park & P. & R. Ry., Phila., Pa.
See adv index at end of book
Lummus Walter E. Co. ("Metrolift" Automatic), 173 Milk, Boston, Mass.
McDonald A. Y. Mfg. Co., (Electric), Dubuque, Ia.
Myers F. E. & Bro., 800 Orange, Ashland, Ohio
See adv index at end of book
Nagle Corliss Engine Works (for Deep Wells), Erie, Pa.
National Water Lift Co. ("National" for Residences), Kalamazoo, Mich.
Ohio Pump & Brass Co. (Improved "Triumph" Hydraulic), Columbus, O.

7430— Light House Builders

Lewis Henry B., Ferry av & G. T. Ry., Detroit, Mich.

7431— Lighters (Cigar)

Adjustable Lighter Assn. ("Universal"), Newton, Mass.
Art Metal Works, 7 Mulberry, Newark, N. J.
Amer. Elec'l Heater Co., Burroughs & Woodward av, Detroit, Mich.
Bernhardt M. E. (Imp), 157 Chambers, New York
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Braun D. J. Mfg. Co., 6800 N Ashland av, Chicago, Ill.
Brunhoff Mfg. Co. (Cutter & Lighter Combined), 9th & Freeman av, Cincinnati, O.
Carstarphen Electric Co., Denver, Colo.
Columbia Elec. Nov. Co., 58 W 15th, New York
Columbia Elec. Nov. Corp., 167 Wooster, New York
Computing Cheese Cutter Co. (Electric), Anderson, Ind.
Cowles C. & Co. (Electric), New Haven, Conn.
Cuno Engrg. Co., Meriden, Conn.
Drake Mfg. Co., 143 Reed, Milwaukee, Wis.
Elec. Automatic Cigar Lighter Co., 556 W 27th, New York
Eldred Mfg. Co. ("Wizard" Electric), 46 W Kinzie, Chicago, Ill.
Estes E. B. & Sons (Wooden, Splint), 364 5th av, New York
See adv index at end of book
Herz Mfg. Co., 241 W 7th, St. Paul, Minn.
Higgin Mfg. Co., Newport, Ky.
Interstate Electric Novelty Co., 104 S 4th, New York
Kraemer Mfg. Co., 157 Chambers, New York
Mahony Bros. ("Chicago," Electric), 140 W Van Buren, Chicago, Ill.
Matchless Brass Mfg. Co., 57 Jay, Brooklyn, N. Y.
Metal Specialties Mfg. Co. ("Presto"), 338 N Kedzie av, Chicago, Ill.
Midland Supply Co., Davenport, Ia.
Morse Frank W., 293 Congress, Boston, Mass.
National Elec. Co., Jacksonville, Fla.
Novitas Sales Co., ("Novitas" Packet) Waltham, Mass.
Ohio Electric Works (Electric Portable), Cleveland, O.
Presto Electrical Mfg. Co. ("Presto" Electric), **323 Geary, San Francisco, Cal.**
Solar Light Co., 69 Wooster, New York
Spielman Elec. Co., 1931 B'way, New York
Standard Mfg. Co. ("Electric"), Auburn, Ind.
Taylor H. D. Co., 103 Oak, Buffalo, N. Y.
White J. H. Mfg. Co., 111 N 3rd, Brooklyn, N. Y.

7432— Lighters (Fuse)

HERCULES POWDER CO. ("Matthews"), Wilmington, Del.
See adv index at end of book

7433-4—Lighters (Gas, Electric)

(Above Means Torches)
See also Burners, Electric, Gas Lighting.
Adjustable Lighter Assn. ("Universal"), Newton, Mass.
American Ever Ready Works, Thompson av, L. I. City, New York
Bogart A. L. Co. ("Bartholdi"), 55 Barclay, New York
Cowles C. & Co., New Haven, Conn.
Fischer Bros & Corwin ("Perfection"), 635 N 3d, Newark, N. J.
Milwaukee Gas Specialty Co., 2017 Clybourn, Milwaukee, Wis.
Universal Novelty Wks. ("Aladin"), 164 5th av, New York
Wiese Elect'l Appliance Co., 4609 Lisbon av, Milwaukee, Wis.

7435—Lighters (Range & Gas)

American Every Ready Works, Thompson av, L. I. City, New York
Kraemer Mfg. Co. ("Kraemer" Friction), **157 Chambers, New York**
Safety Gas Lighter Co., Haverhill, Mass.

7435a1—*Lighting Accessories

HARTER MFG. CO., 524 S Clinton, Chicago, Ill.

7435a—*Lighting Accessories (Automobile)

MORSE FRANK W., 289 Congress, Boston, **Mass.** *See adv index at end of book*
Raydex Inc. (Light Controlling Devices), Jamestown, N. Y.

7435b—*Lighting Fixtures (Bronze & Benedict Nickel)

GORHAM CO. ARCHITECTURAL BRONZE, 5th av & 36th, New York; Works: Providence, R. I.
See adv index at end of book

7435c—*Lighting Fixtures (Industrial)

HARTER MFG. CO. ("Nitrolite," "Deluxlite"), 524 S Clinton, Chicago, Ill.

7436—Lighting Systems (Acetylene)

A. G. A. Railway & Signal Co., Elizabeth, N. J.
Ideal Acetylene Co. (Gas), Johnstown, Pa.
Jenne Acetylene Gas Machine Co., 312 Traction Terminal bldg, Indianapolis, Ind.
MILBURN A. ALEXANDER CO., 1420 W Baltimore, Baltimore, Md.
See adv index at end of book

7437—Lighting Systems (Electric)

Bailey Reflector Co. (Theater Footlights & Border Lights), **617 2d av, Pittsburgh, Pa.**
Bruston Automatic Electric Lighting & Power Co., **101 Park av, New York**
Campbell A. S. Co., ("Cello" for Motor Boats), 276 Commercial, Boston, Mass.
Central Electric Co. ("Marolite"), **320 S** 5th av, Chicago, Ill.
Domestic Engineering Co. ("Delco-Light"), Dayton, O.
Edison Elec. Illuminating Co. of B'klyn, 360 Pearl, B'klyn, N. Y.
Frost Engrg. Co. (For Farms), Evansville, Wis.
Garford Mfg. Co., Elyria, O.
Hartman Electrical Mfg. Co. (Farm), Mansfield, O.
Heinze John O. Co., (Automobile) Springfield, Ohio.
Kewanee Private Utilities Co. ("Kewanee" for Isolated Plants), Kewanee, Ill.
Lauson-Lawton Co. (Portable or Stationery, For Yachts & Farms), De Pere, Wis.
Leader Iron Works ("Leader"), 201 Jasper, Decatur, Ill.
Leece Neville Co. (Auto & Motor Boat), 5363 Hamilton av, Cleveland, O.
Main Electric Mfg. Co., 500 Aiken av, Pittsburgh, Pa.
Matthews Engrg. Co. ("Matthews" for Homes, etc), Sandusky, O.
National Electric Lighting Co. (Farm & Automobile), Wilton Junction, Ia.
National X-Ray Reflector Co., 233 W Jackson blvd, Chicago, Ill.
North East Electric Co. (Automobile & Marine "Universal"), Rochester, N. Y.
Northwestern Storage Battery Co., 140 Mason, Milwaukee, Wis.
Overbagh & Ayres Mfg. Co. ("Oamco," for Factories, etc), **411 S Clinton,** Chicago, Ill.
Phoenix Electric Co., 133 W Washington, Chicago, Ill.
Schroeder Electric Co., Evansville, Ind.
Termaat & Monahan Mfg. Co., Oshkosh, Wis.
United Engine Co., ("United," Farm) Lansing, Mich.
United States Light & Heat Corp. (For Farms), Niagara Falls, N. Y.
Wells R. C. Mfg. Co. ("Wells"), Fond du Lac, Wis.
WESTINGHOUSE ELECTRIC .& MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wisconsin Foundry & Machine Co. **(Farm), Madison, Wis.**

7438—Lighting Systems (Gas)

Risinger Bros. Co. ("Risinger," Arc for Street, Factory, House, etc), East Liverpool, O.

7439—Lighting Systems (Gasoline)

Akron Gas Lamp Co., Akron, O.
Allen-Sparks Gas Light Co. ("Princess"), Lansing, Mich.
American Gas Machine Co. ("American"), Albert Lea, Minn.
American Gas Machine Co., 37 Warren, New York
Best Light Co., 477 Second, N E, Canton, O.
Brilliant Gas Lamp Co. ("Triumph," "Handy"), 1009 Wabash av, Chicago, Ill.
Canton Incandescent Light Co., Canton, Ohio
Consolidated Gas & Electric Co., 554 Lake, Chicago, Ill.
Doud Lighting Co., 172 N Sangamon, Chicago, Ill.
Economy Gas Lamp Co. ("Economy"), **213 Goodrich, Kansas City, Mo.**
Economy Gas Machine Co., Rochester, N. Y.
Gloria Light Co., 1100 Washington blvd, Chicago, Ill.
Hannibal Gas Machine & Mfg. Co. ("Hannibal"), Hannibal, Mo.
Incandescent Light & Stove Co. ("F. & P"), Marburg av & B. & O. R. R., Okly., Cincinnati, O.
King Light Co. ("King"), Peoria, Ill.
Knight Light Co., 351 W Chicago av, Chicago, Ill.
Nagel-Chase Mfg. Co., 154 E Erie, Chicago, Ill.
National Stamping & Electric Works, 424 S. Clinton, Chicago, Ill.
New Specialty Mfg. Co., Council Bluffs, Ia.
Peerless Light Co., 813 W Adams, Chicago, Ill.
Pitner Gasoline Lighting Co. ("Pitner"), 8 E. Kinzie, Chicago, Ill.
Royal Gas Light Co. ("Royal"), 18 W. Kinzie, Chicago, Ill.
Sun Vapor & Gas Street Light Co., Canton, Ohio
Superior Mfg. Co., Ann Arbor, Mich.
Tures Mfg. Co., 386 6th, Milwaukee, Wis.
Universal Battery Co., 3410 S. La Salle, Chicago, Ill.
Waterman Motor Co. (For Farms), 235 Mt. **Elliott av, Detroit, Mich.**
Windhorst & Co. ("Primo"), 205 N 12th, St. Louis, Mo.
Yale Light Co., 541 Wash. blvd, Chicago, **Ill.**

7440— Lightning Rods

American Lightning Rod Co. (Copper Cable), Omaha, Nebr.
Bajohr Carl Lightning Conductor Co., 4055 Keokuk, St. Louis, Mo.
Beckman Bros., Des Moines, Ia.
Boston Lightning Rod Co., Old South bldg, Boston, Mass.
Burkett Lightning Rod Co., Fremont, O.
Cole Bros. Lightning Rod Co., 316 S 7th, St. Louis, Mo.
Dallas A. C. & Son, 225 N Jefferson, Chicago, Ill.
Diamond Cable Co., Bourbon, Ind.
Dodd & Struthers, Des Moines, Ia.
Electra Lightning Rod Co. ("Silver Strand"), Cresco, Iowa
Foy Edw. A. Co., 815 B'way, Cincinnati, O.
Goshen Lightning Rod Co., Goshen, Ind.
Hollow Cable Mfg. Co. ("Hollow Cable" Pure Copper), Hornell, N. Y.
Hum & Leatherman, 103 Market, Pittsburgh, Pa.
Hungerford U. T. Brass & Copper Co. (Copper & Fittings), 80 Lafayette, New York
Jones Thos. W., 153 Maiden la, New York
Maher J. J., Preston, Ia.
Martin Co., Sac City, Iowa
Mast Lighting Rod Co. (Copper Flange), West Milton, O.
Miller Lightning Rod Co., 3d & Geyer av, St. Louis, Mo.
Moore Bros. Lightning Rod Co., Maryville, Mo.
National-Standard Co. (Pure Copper Cable), Box 211, Niles, Mich.
Nebraska Lightning Rod Co., Omaha, Neb.
Owen J. D. & E. G., Janesville, Wis.
Reyburn, Hunter & Co., 1006 W Madison, Chicago, Ill.
St. Louis Lightning Rod Co., 2135 De Kalb, St. Louis, Mo.
Security Lightning Rod Co., Burlington, Wis.

Shinn-Pool Cable Co., Oklahoma, Okla.
Shinn W. C. Co. (Copper Cable), Lincoln, Neb.
Shrauger & Johnson, Atlantic, Ia.
Swenson Grubber Co. (Copper Cable), Cresco, Iowa
Thompson T. Mfg. Co., Brighton, Ia.
Toledo Cable Co., 506 S St. Clair, Toledo, O.
Townsley Mfg. Co., 1315 S E 4th, Minneapolis, Minn.
Washburne Edw. G. & Co. (Copper), 207 Fulton, New York

7441—Lights (Carriage Curtain)

Gordon J. P. Co., Columbus, O.
Monarch Carriage Goods Co. ("Monarch"), Cincinnati, O.
Udell Works, Indianapolis, Ind.

7441a—*Lights (Contractors' Portable)

See also Contractors' Portable Lights

We build Hose Type Machines, Tumbling Barrels, Tables, Cabinets and a full line of this type machinery.

MACLEOD CO., 2227 Bogen St., Cincinnati, O.

7442—Lights (Desk, Electric)

See also Portables, Electric

Alexander J. Mfg. Co. ("Ferguson"), 1981 B'way, New York
Almond T. R. Mfg. Co. ("Almond Flexo"), Ashburnham, Mass.
American Brass & Copper Co., 138 Lafayette, New York
American Electric Co. ("Read Easy," "Allways," "Morelight"), 6401 S State, Chicago, Ill.
Butler Plating & Mfg. Co., 370 Atlantic av, Boston, Mass.
Dale Lighting Fixture Co., 107 W 13th, New York
Farles Mfg. Co., Decatur, Ill.
Forg Peter Mfg. Co., Somerville, Mass.
Handy Light Co., 215 Butler, Cincinnati, Ohio
Imperial Brass Mfg. Co. ("Kramer" Adjustable Electric Desk Lamps), 524 S Racine av, Chicago, Ill.
See adv index at end of book
Killoch David Co. ("Kinsman" Daylight), 57 Murray, New York
Klemm & Co., 132 N 5th, Philadelphia, Pa.
McFadden M. G. & Co. ("Emeralite"), 38 Warren, New York
McLeod, Ward & Co. ("Kinsman"), 430 11th av, New York
Millar R. M. Electric Works ("Stand-O-Lite"), 9 S Clinton, Chicago, Ill.
Overbagh & Ayres Mfg. Co. ("Oamco"), 411 S Clinton, Chicago, Ill.
Scribner A. C., Gloversville, N. Y.
Stuart-Howland Co. ("S. H."), 234 Congress, Boston, Mass.
White H. C. Co. ("Radion"), North Bennington, Vt.
White J. H. Mfg. Co. ("Zenith"), 111 N 3d, Brooklyn, N. Y.
White O. C. Co., Worcester, Mass.

7443— Lights (Door Key)

Arnold-Wagner Electric Co., South Bend, Ind.

7444—*Lights (Portable, Acetylene)

See also Contractors' Portable Light

MILBURN A. ALEXANDER CO. (For Railroads & Contractors), 1420 W Baltimore, Baltimore, Md.
See adv index at end of book

7444a— Lights (Shaft)

Rayder, Inc., Jamestown, N. Y.

7445—Lights (Stage, Electric)

(Bunch, Foot, Spot, etc.)

American Reflector & Lighting Co., 517 W Jackson blvd, Chicago, Ill.
Bailey Reflector Co., 617 2d, Pittsburgh, Pa.
Campbell Electric Co., 17 Stewart, Lynn, Mass.
Condit Electrical Mfg. Co., 1st & L, Boston, Mass.
Frink, I. P., Inc., 10th av & 24th, New York
Hallberg J. H., 1604 B'way, New York
Huelman & Moore, 134 Opera pl, Cincinnati, O.
Newton C., 305 W 15th, New York
Overbaugh & Ayres Mfg. Co., 411 S Clinton, Chicago, Ill.
Sprague Elec. Wks. of G. E. Co., 527 W 34th, New York
UNIVERSAL ELECTRIC STAGE LIGHTING CO. ("Kliegl"), 240 W 50th, New York
Standard Mechancal Equipt. Co., Dallas, Tex.
Sunlight Reflector Co., 226 Pacific, B'klyn, N. Y.
Western Elec. Co. (Side Distributors for Amer. Ltg. Co.), 463 West, New York
Wheeler Reflector Co., 156 Pearl, Boston, Mass.

7446— Lignite Miners

American Lignite Briquette Co., San Antonio, Texas
Consumers' Lignite Co., Dallas, Texas

7447—Lignum Vitae Turnings

Seib Bros. Co., 96-100 Boyd av, Jersey City, N. J.

Lime Acetate

(See Acetate of Lime)

7447b— Lime Carbonate

Mitchell Lime Co., Mitchell, Ind.
Security Cement & Lime Co., Hagerstown, Md.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

7448— Lime (Caustic)

American Lime & Stone Co., Tyrone, Pa.

7449— Lime (Chemical)

Chemical Lime Co., Bellefonte, Pa.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Mitchell Lime Co., Mitchell, Ind.
Palmer Lime & Cement Co. ("Palmer," 99 per cent. Pure Carbonate), 103 Park av, New York
Security Cement & Lime Co. (Carbonate of Lime), Hagerstown, Md.
Solvay Process Co., Syracuse, N. Y., Hutchinson, Kan., & Detroit, Mich.
Washington Building Lime Co., Equitable bldg, Baltimore, Md.

7450— Lime Flour

Chrystal Chas. B., 13 Cliff, New York
See adv index at end of book
Scheel Wm. H. (Imported), 159 Maiden la, New York
Whittaker, Clark & Daniels, Inc. (Imp.), 250 Front, New York

7451—Lime (Ground & Crushed)

Acme Fire Clay Works, New Cumberland, W. Va.
American Lime & Stone Co. (Also Ground Limestone), Tyrone, Pa.
Glencoe Lime & Cement Co., Syndicate Trust bldg, St. Louis, Mo.
Kelley Island Lime & Transport Co., Cleveland, O.
National Mortar & Supply Co., 2d National Bank bldg, Pittsburgh, Pa.
Ohio & Western Lime Co., Huntington, Ind.
Rockland & Rockport Lime Co., 101 Park av, New York
Scioto Lime & Stone Co., Delaware, O.
Security Cement & Lime Co., Hagerstown, Md.
Standard Lime & Stone Co., Fond du Lac, Wis.
Warner Chas. Co. ("Cedar Hollow" plant) Wilmington, Del.
Washington Building Lime Co., Equitable bldg., Baltimore, Md.
Woodville Lime Products Co., Toledo, O.

7452— Lime (Hydrated)

Ash Grove Lime & Portland Cement Co., 7th ft Grand av. Temple, Kansas City, Mo.
A. & C. Stone & Lime Co. (Portland White Lime), 17 N Pennsylvania av, Indianapolis, Ind.
Basic Products Co., Oliver bldg, Pittsburgh, Pa.
Cleveland Builders' Supply Co. ("Dealers"), Leader-News bldg, Cleveland, O.
Dittlinger Lime Co. ("Snowdrift"), New Braunfels, Texas
Doggett Stanley, 11 Cliff, New York
Dutchess County Lime Co., Scarboro, N. Y.
Gager Lime & Mfg. Co., Chattanooga, Tenn.
Glencoe Lime & Cement Co., Syndicate Tr. bldg, St. Louis, Mo.
Hannibal Lime Co. ("White Bear"), Hannibal, Mo.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

SCHOFIELD LIME HYDRATORS
STRUCTURAL STEEL & PLATE WORK OF ALL KINDS
HERRICK MECHANICAL GAS PRODUCERS
JONES ROTARY KILN PROCESS
INDUSTRIAL CARS & EQUIPMENT FOR ALL PURPOSES
ATLAS ENGINEERING CO.
ENGINEERS, CONTRACTORS & MANUFACTURERS
AMHERST, O.

LIME (HYDRATED)—continued

Hunkins-Willis Lime & Cement Co., Century bldg, St. Louis, Mo.
Hydrated Lime Bureau (Plaster), Arrott bldg, Pittsburgh, Pa.
Kelley Island Lime & Transport Co. ("Tiger" Brand Hydrated Lime), Cleveland, O.
Knickerbocker Lime Co., 866 N 24th, Philadelphia, Pa.
Kutztown Lime & Crushed Stone Co., Kutztown, Pa.
Louisville Cement Co. ("White Star"), Louisville, Ky.
Marblehead Lime Co. (Pure Calcium), 159 N State, Chicago, Ill.
Mitchell Lime Co., Mitchell, Ind.
National Lime & Stone Co. ("Monarch"), Carey, O.
National Mortar & Supply Co., 2d Nat'l Bk bldg, Pittsburgh, Pa.
Ohio & Western Lime Co. ("Diamond"), Huntington, Ind.
Palmer Lime & Cement Co., 103 Park av, New York
Product Sales Co., 32 So Calvert, Baltimore, Md.
Schaffer Engineering & Equip. Co. (Engineers, Designing, Contracting in Clay Products, Lime, Silica and Plants), Tiffin, O. *See adv index at end of book*
Scioto Lime & Stone Co., Delaware, O.
Security Cement & Lime Co. ("Berkeley"), Hagerstown, Md.
Solvay Process Co., Syracuse, N. Y., Hutchinson, Kansas & Detroit, Mich.
Standard Lime & Stone Co., Fond-du-Lac, Wis.
Taylor Lime Co., Los Angeles, Cal.
Tidewater Portland Cement Co., Calvert bldg, Baltimore, Md.
United States Gypsum Co., 205 W Monroe, Chicago, Ill.
Warner Chas. Co. ("Cedar Hollow" Plant), I. O. O. F. bldg, Wilmington, Del.
Washington Building Lime Co., Equitable bldg, Baltimore, Md.
Western Lime & Cement Co., Pabst bldg, Milwaukee, Wis.
White Marble Lime Co., Manistique, Mich.
Whittaker, Clark & Daniels, Inc. (Imp.), 250 Front, New York
Woodville Lime Products Co., Toledo, O.

7452a— *Lime Hydrators

Atlas Engineering Co., Amherst, O. *See adv index at end of book*
SCHAFFER ENGINEERING & EQUIPMENT CO., (Continuous & Automatic) Tiffin, O. *See adv index at end of book*

7453— Lime (Hydraulic)

Bangs-Gaynor Cement & Plaster Co., Fayetteville, N. Y.
Doggett Stanley, 11 Cliff, New York
Fowler & Pay ("Brown"), Mankato, Minn.
Ladd Lime & Stone Co., Atlanta, Ga.
Menominee Brick Co., Menominee, Mich.
Ohio & Western Lime Co. ("Diamond"), Huntington, Ind.
Sheedy Thos. W., Fayetteville, N. Y.
Solvay Process Co., Detroit, Mich.

7454—Lime (Magnesian White)

Kelley Island Lime & Transport Co., Cleveland, O.
Lee Lime Co. (For Sulphite & Rag Paper Mills, Hard Plaster, Scratch & Brown Coat, etc), Lee, Mass.

7455— Lime Mfrs.

For Lime Dealers see Masons' & Builders' Materials

ALABAMA.

ALLGOOD—Cheney Lime Co.
ANNISTON—Anniston Lime Co.
Lagarde Lime & Stone Co. Works: Lagarde, Ala.
BIRMINGHAM—Adams J. B. Works: Long View, Ala.
Calcis Lime & Stone Co. Works: Calcis, Ala.
CALCIS—Calcis Lime & Stone Co. (See Birmingham, Ala.)
EUREKA—O'Neal C. L.
KEYSTONE—Keystone Lime Co. (See Charleston, S. C.)
LAGARDE—Lagarde Lime & Stone Co. (See Anniston, Ala.)
LONG VIEW—Adams J. B. (See Birmingham, Ala.)
NEWALA—Newala Lime Works
PAINT ROCK—Alabama Lime & Stone Co.
SAGINAW—Bowden Lime Co.
Saginaw Lime & Lumber Co.

ARIZONA.

NELSON—Grand Canyon Lime & Cement Co. (See Los Angeles, Cal.)
PUNTENNEY—Puntenney Lime Co. (See Los Angeles, Cal.)

ARKANSAS.

FAYETTEVILLE—Ozark White Lime Co. Works: Johnson, Ark.
GARFIELD—McKinlay P. Jr.
JOHNSON—Ozark White Lime Co. (See Fayetteville, Ark.
ROGERS — Rogers White Lime Co. (White)
RUDDELLS—Arkansas Lime Co.

CALIFORNIA.

FELTON—Holmes Lime & Cement Co. (See San Francisco, Cal.)
KENNETT—Holt & Gregg Co. (See Redding)
LOS ANGELES—Grand Canyon Lime & Cement Co. Works: Nelson, Ariz.
Oro Grande Lime & Stone Co. Works: Halleck, Cal.
Puntenney Lime Co. Works: Puntenney, Ariz.
Summit Lime Co. Works: Tehachapi Cal.
Union Lime Co.
REDDING—Holt & Gregg Co.
SAN FRANCISCO—Cowell Hy. Lime & Cement Co., 2 Market
Holmes Lime & Cement Co. Postal Tel. bldg
Horton Lime Co., Monadnock bldg.
Pacific Lime & Plaster Co., Monadnock bldg.
San Francisco Lime Co., Monadnock bldg
SANTA CRUZ—Cowell Hy. Lime & Cement Co. (See San Francisco)
SONORA—Pacific Lime & Plaster Co. (See San Francisco, Cal.)
TEHACHAPI—Summit Lime Co. (See Los Angeles, Cal.)

COLORADO.

DENVER—Borrows Geo. A. Lime Co.
Colorado Lime & Fluxing Co., 321 McPhee
Colorado Portland Cement Co. Works: Portland, Colo.
PORTLAND—Colorado Portland Cement Co. (See Denver, Colo.)

CONNECTICUT.

CANAAN—Connecticut Lime Co. (See Lee, Mass.)
New England Lime Co. (See Danbury, Conn.)
EAST CANAAN—Connecticut Lime Co. (See Lee, Mass.)
DANBURY—New England Lime Co.
Stearns Lime Co.
HARTFORD—Allyndale White Marble & Lime Co.
REDDING—New England Lime Co. (See Danbury, Conn.)

DELAWARE.

WILMINGTON—Warner Chas. Co. ("Limold"), I. O. O. F. bldg.

DISTRICT OF COLUMBIA.

WASHINGTON—Clark T. E. Jr., 1305 New Jersey av

FLORIDA.

KENDRICK—Standard Lime Co.
OCALA—Florida Lime Co.
Marion Lime Co.

GEORGIA.

ATLANTA—Ladd Lime & Stone Co. (Hydraulic)
GRAYSVILLE—Catoosa Limestone Products Co.

IDAHO.

BAYVIEW—Washington Brick, Lime & Sewer Pipe Co. (See Spokane, Wash.)

ILLINOIS.

ALTON—Armstrong Jno. Lime & Quarry Co.
CHICAGO—Allwood Lime Co., 30 N Dearborn
Artesian Stone & Lime Works Co., Grand & Campbell avs
Brownell Improvement Co., Cham. of Com bldg
Chicago Union Lime Works Co., 1900 W 19th
Druecker N. J. & Co., 2634 N Artesian av
Marblehead Lime Co. (Pure Calcium), 159 N State
Riverside Lime & Stone Co.
Stearns Lime & Stone Co., 160 W Randolph
Templeton Lime Co., 1019 N Homan av
Wisconsin Lime & Cement Co., 133 W Wash.
FULTON—Alden Lime Co. (See Clinton, Ia.)
KANKAKEE—Ruhle Christian
MARBLEHEAD—Marblehead Lime Co., (See Chicago, Ill.)
PORT BYRON—Port Byron Lime Association.
QUINCY—Menke F. W. Stone & Lime Co.
Meyer W. D. (Marble White)
Quincy White Lime & Cement Co.
ROCKFORD—Hart & Page

INDIANA.

DELPHI—Delphi Lime Co.
Harley C. & G. P.
HUNTINGTON—Ohio & Western Lime Co. (White)
INDIANAPOLIS—A. & C. Stone & Lime Co., 17 N Pennsylvania av, (White), Works: Portland, Ind.
MITCHELL—Mitchell Lime Co.
PORTLAND—A. & C. Stone & Lime Co. (See Indianapolis, Ind.)

IOWA.

CLINTON—Alden Lime Co. Works: Fulton, Ill.
DES MOINES—Des Moines Fuel & Lime Co.
DUBUQUE—Eagle Point Lime Works
MAQUOKETA—Hurst A. (Est. of)
OTTUMWA—Ottumwa Lime & Cement Co.

KANSAS.

CHANUTE—Ash Grove Lime & Portland Cement Co. (See Kansas City, Mo.)
HUTCHINSON—Solvay Process Co. (See Syracuse, N. Y.)

KENTUCKY.

HOPKINSVILLE — Hopkinsville Lime Works
LOUISVILLE — Louisville Cement Co. ("Blue River" Lump)
Union Cement & Lime Co.
MOUNT VERNON—Mount Vernon Lime Co.

MAINE.

ROCKLAND—Bird A. J.
Rockland & Rockport Lime Co.
THOMASTON—Creighton Jas. A. & Co.
Rockland & Rockport Lime Co. (See Rockland, Me.)

MARYLAND.

BALTIMORE—Green Robt. S., 3232 Frederick av
Platt & Co. (Shell), Key Highway & Boyle
Rockcastle Cement & Lime Co., Munsey bldg

Standard Lime & Stone Co., Equitable bldg
Tidewater Portland Cement Co., Calvert bldg. Works: Union Bridge, Md.
Washington Building Lime Co., Equitable bldg
BUCKEYSTOWN—Standard Lime & Stone Co. (See Baltimore, Md.)
Washington Bldg. Lime Co. (See Baltimore, Md.)
CAVETOWN—Bushey G. M. & Son
FREDERICK—Kellar O. J. Lime Co.
HAGERSTOWN—Security Cement & Lime Co.
LE GORE—Le Gore Combination Lime Co.
LIME KILN—Grove M. J. Lime Co.
SECURITY—Security Cement & Lime Co. (See Hagerstown, Md.)
TEXAS—Lindsay William P.
UNION BRIDGE—Tidewater-Portland Cement Co. (See Baltimore, Md.)
WALKERSVILLE—McAleer Lime Co.
WOODSBORO—Barrick S. W. & Son

MASSACHUSETTS.

ADAMS—Hoosac Valley Lime Co.
New England Lime Co. (See Danbury, Conn.)
CHESHIRE—Cheshire Lime Mfg. Co.
FARNAMS—Farnam-Cheshire Lime Co. (See N. Y. C.)
WORCESTER—Green Mountain Lime Corp.
LEE—Connecticut Lime Co. Works: East Canaan, Conn.
Lee Lime Co. (Magnesia White Lime)
RICHMOND—Pittsfield Lime Co.
SHEFFIELD—Berkshire Hills Co.
WEST STOCKBRIDGE—Granger Lime & Marble Co.
Tobey Lime Co.
West Stockbridge Lime Co.

MICHIGAN.

CHARLEVOIX—Charlevoix Rock Products Co.
GRAND RAPIDS — Antrim Lime Co. Works: Petoskey, Mich.
MANISTIQUE—White Marble Lime Co.
MENOMINEE—Lyon Bros.
PETOSKEY — Antrim Lime Co. (See Grand Rapids, Mich.)
Northern Lime & Stone Co.

MINNESOTA.

DULUTH—Kelley Island Lime Co.
MANKATO—Coughlan T. R. Co.
Fowler & Pay ("Brown" Hydraulic)
RED WING—Lillyblad Gust.
ST. PAUL—Shakopee Cement Lime Mfg. Co., 220 Chestnut

MISSOURI.

ASH GROVE—Ash Grove Lime & Portland Cement Co. (See Kansas City, Mo.)
BRICKEYS—Arrow Head Mfg. Co. (See St. Louis, Mo.)
CAPE GIRARDEAU—Cape Lime & Marble Co.
CARTHAGE—Carthage Marble & White Lime Co. (See St. Louis, Mo.)
CENTAUR STATION—Centaur Lime Co.
EUGENE—Spring Garden Marble & White Lime Co. (See St. Louis, Mo.)
GLENCOE—Glencoe Lime & Cement Co. (See St. Louis, Mo.)
HANNIBAL—Hannibal Lime Co.
Star Lime Co.
KANSAS CITY—Ash Grove Lime & Portland Cement Co. ("Ash Grove" White) 7th ft. Grand av. Temple
Marblehead Lime Co. (See Chicago, Ill.)
Phenix Marble Co., 19th & Olive. Works: Phenix, Mo.
LOUISIANA—Marble Head Lime Co. (See Chicago, Ill.)
PIERCE CITY—Pierce City Lime Co. (White)
SARCOXIE—Marble Head Lime Co. (See Chicago, Ill.)
ST. LOUIS—Arrow Head Mfg. Co.
Carthage Marble & White Lime Co. Works: Carthage, Mo.
Glencoe Lime & Cement Co. Works: Glencoe, Mo.
Hunkins-Willis Lime & Cement Co. (White, etc), Century bldg.
Peerless White Lime Co., Century bldg
Spring Garden Marble & White Lime Co.
Ste Genevieve Lime & Cement Co., Mermod-Jaccard bldg
Union Sand & Material Co., International Life bldg
SPRINGFIELD—Marblehead Lime Co. (See Chicago, Ill.)
STE. GENEVIEVE—Peerless White Lime Co. (See St. Louis, Mo.)
Ste. Genevieve Lime & Quarry Co. (See St. Louis, Mo.)
Western Lime Works

MONTANA.

ELLISTON—Elliston Lime Co.

NEW JERSEY.

BRIDGETON—Frazeur Lime Works
CAMDEN—Camden Lime Co.
ELIZABETH—Smith Lime Flour Co.
GERMAN VALLEY—Neighbour E. J.
HAMBURG — New Jersey Lime Co. Works: McAfee Valley, N. J.
Vanderhoof Lime Co.
McAFEE VALLEY—New Jersey Lime Co. (See Hamburg, N. J.)

NEW YORK.

BIGELOW—Williams Chas. & Co. (Mostly in Bulk)
BROOKLYN—(See New York City, Borough of Brooklyn)
CALEDONIA—International Agrl. Corp. (See N. Y. C.)
CHAUMONT—Adams & Duford Co. ("Chaumont" White Lime in Bulk & Barrel)
CHAZY—Chazy Marble Lime Co.
DOVER PLAINS—Duchess County Lime Co.
FAYETTEVILLE—Bangs-Gaynor Cement & Plaster Co. (Water, Lime or Cement)
Sheedy Thos. W. (Water Lime or Cement)
GLENS FALLS—Wait F. W. Lime Co.
HONEOYE FALLS—Genesee Lime Co.
LEROY—Heimlich J.
NEWBURGH—Harrison & Curtis

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Manhattan Lime Co., 1325 37th
Rockland-Rockport Lime Co., 387 Greenpoint av

Boroughs of Manhattan and Bronx.

NEW YORK—Bloomer Lime Co., 406 E 149th
Empire Limestone Co., 19 Hudson
Farnam-Cheshire Lime Co., 39 Cort.
Industrial Chemical Co. (Agricultural), 200 5th av
International Agrl. Corp., 61 B'way
New York & New England Cement & Lime Co., 30 Broad
Palmer Lime & Cement Co. ("Cheshire," "Bellefonte," "Palmer," "Yorktown Heights," "Connecticut White"), 103 Park av
(End of New York City)

ROCHESTER — Rochester Lime Co. ("Snow Flake")
SCARBORO—Dutchess County Lime Co.
SYRACUSE—Solvay Process Co.
UTICA—Conley F. E. Stone Co.

NORTH CAROLINA.

FLETCHER—Blue Ridge Lime Co.

OHIO.

BUCYRUS—Broken Sword Stone Co.
CANTON — Agricultural & Commercial Lime Co.
Canton Grey Lime Co.
CAREY—National Lime & Stone Co.
CEDARVILLE—Ervin D. S. Co. (Large)
CLAY CENTER—Kelley Island Lime & Transport Co. (See Cleveland, O.)
CLEVELAND—Kelley Island Lime & Transport Co.
DELAWARE—Scioto Lime & Stone Co.
EIFORT—Morgan & Horton
FOSTORIA—Ohio & Western Lime Co. (Ground & in Lump). (See Huntington, Ind.)
FREMONT—Gottron Bros. Co.
GENOA—Ohio & Western Lime Co. (White). (See Huntington, Ind.)
GIBSONBURG—National Mortar & Supply Co. (See Pittsburgh, Pa.)
Ohio & Western Lime Co. (White). (See Huntington, Ind.)
KELLEYS ISLAND—Kelley Island Lime & Transport Co. (See Cleveland, O.)
LISBON—Lisbon Lime Co.
LUCKEY—Doherty Lime & Stone Co. (See Toledo, O.)
MARBLEHEAD—Kelley Island Lime & Transport Co. (See Cleveland, O.)
MARION—Evans John Stone & Lime Co.
Ohio & Western Lime Co. (See Huntington, Ind.)
OLIVE FURNACE—McGugin R. H.
OWENS—Owens John D. & Son Co.
PATTERSON—Herzog Jno. & Son
PIQUA—Ohio Marble Co.
ROCKY RIDGE—Rocky Ridge Lime & Stone Co.
SANDUSKY — Kelley Island Lime & Transport Co. (See Cleveland, O.)
SPRINGFIELD—Mills Bros.
Moores Lime Co.
TIFFIN—Ohio & Western Lime Co. (See Huntington, Ind.)
Weot Lime & Stone Co.
TOLEDO—Doherty Lime & Stone Co., ft of Washington. Works: Luckey, O.
Woodville Lime Products Co. (White) Works: Woodville, O.
WOODVILLE—Woodville Lime Products Co. (See Toledo, O.)

PENNSYLVANIA.

ALLENTOWN—Mertz Chas. H.
Mitchell Lime Co.
Trexler Theo. E.
ANNVILLE—Annville Lime Co. (See Lebanon, Pa.)
BELLEFONTE—American Lime & Stone Co. (See Tyrone, Pa.)
Bellefonte Lime Co.
Center County Lime Co.
Chemical Lime Co.
Empire Lime Kilns
Whiterock Quarries
BETHLEHEM—Bethlehem Lime & Stone Co.
BITTINGER—Bittinger E. M.
Moul J. H. & Sons
Steacy & Wilton Co.
BRIDGEPORT—Tyson J. L. (See Phila., Pa.)
CARLISLE—Goodyear Bros.
EASTON—Easton Lime Co.
ELWOOD CITY—Beaver Valley Lime Co.
EMIGSVILLE—Emigsville Quarry Co.
FRAZER—Knickerbocker Lime Co. (See Phila., Pa.)
HARRISBURG—United Lime & Stone Co.
GROVE CITY—Grove City Limestone Co.
HYNDMAN—Enterprise Lime & Ballast Co.
KUTZTOWN—Kutztown Lime & Crushed Stone Co.
LANCASTER—Lancaster Lime & Supply Co.
LEBANON—Annville Lime Co. Works: Annville, Pa.
LEMOYNE—United Lime & Stone Co. (See Harrisburg, Pa.)
LIMERIDGE—Low Bros. & Co.
Paragon Plaster & Supply Co. (See Scranton, Pa.)
MYERSTOWN—Wagner Thos. A.
NEW CASTLE—Rose Point Stone & Lime Co.
NORRISTOWN—Lukens & Yerkes. (See Phila., Pa.)
Merion Lime & Stone Co.
PAXTANG—Keystone Stone & Lime Co.
PHILADELPHIA—Bradley Walter T. Co.
Knickerbocker Lime Co. (Inc.), 366 N. 24th. Works: Frazer, Pa.
Lukens & Yerkes, Stephen Girard bldg. Works: Norristown, Pa.
Tyson J. L., 900 Jefferson. Works: Bridgeport, Pa.
Warner Chas. Co. (Cedar Hollow, Wrightville & Potomac Lime Stone), Finance bldg.

LIME MANUFACTURERS—continued
PITTSBURGH—Basic Products Co., Oliver bldg
Blair Limestone Co.
National Mortar & Supply Co. ("Banner Hydrate"), 2d Nat'l Bank bldg. Works: Gibsonburg, O.
Shenango Limestone Co.
PLYMOUTH MEETING—Corson G. & W. H.
Cox Lime & Stone Co.
PORTLAND—Keller Luther. (See Scranton, Pa.)
READING—Reading Lime Co.
SCRANTON—Haslam Lime & Chemical Co.
Keller Luther
Paragon Plaster & Supply Co. Works: Limeridge, Pa.
THOMASVILLE — Thomasville Stone & Lime Co.
TYRONE—American Lime & Stone Co.
WICK—Climax Lime & Stone Co.
WRIGHTSVILLE—Steacy & Wilton Co.
YORK—Baker J. E. Co.
Palmer L. M.
York Valley Lime Co.
YORK SPRINGS—Trostel Geo. H.

RHODE ISLAND.

LIME ROCK—Harris Herbert

SOUTH CAROLINA.

CHARLESTON—Keystone Lime Co. Wks: Keystone, Ala.
Southern States Lime Corp.

SOUTH DAKOTA.

PRINGLE—Black Hills Lime Co.
RAPID CITY—Rapid City Gypsum, Lime & Portland Cement Co. Corp.

TENNESSEE.

BURNS—Allen Jesse Lime Co.
CHATTANOOGA—Gager Lime & Mfg. Co. Works: Sherwood Tenn.
Hooker Limestone Co.
CONCORD—Concord Lime Works
CRAB ORCHARD—Southern States Lime Corp. ((See Charleston, S. C.)
ERIN—Rauscher E. W.
KNOXVILLE—Tennessee Lime & Sand Co.
MEMPHIS—Denie's Jno. A. Sons Co. (Ala., Ark. & Tenn. Lime)
NASHVILLE—Tennessee Cement & Lime Co. Works: Summitville, Tenn.
PALMYRA—Hussey M. M. & E. T.
SHERWOOD—Gager Lime & Mfg. Co. (See Chattanooga, Tenn.)
SUMMITVILLE — Tennessee Cement & Lime Co. (See Nashville, Tenn.)

TEXAS.

AUSTIN—Austin White Lime Co.
DALLAS—Dallas Lime & Gravel Co.
EL PASO—Courchesne A.
NEW BRAUNSFELS—Dittlinger Lime Co.
OGLESBY—Boone D. R.

UTAH.

SALT LAKE CITY—Langdon Lime & Cement Co.

VERMONT.

HIGH GATE SPRINGS—Missiquoi Lime Works
IRA—Day Dexter D. & Son
LEICESTER JUNCTION — Brandon Lime & Marble Co.
MIDDLEBURY — Green Mountain Lime Corp.
NEW HAVEN—Green Mountain Lime Corp.
NORTH POWNAL—New England Lime Co. (See Danbury, Conn.)
SAINT ALBANS—Fonda W. B. (Est. of) Works: Swanton Junction, Vt.
SWANTON—Rich Jno. P.

VIRGINIA.

EAGLE ROCK—Moore Lime Co. (See Richmond, Va.)
INDIAN ROCK—Dillon's E. Sons
LEESBURG—Leesburg Lime Co.
LEXINGTON—Rockbridge Lime & Stone Co.
LIMETON—Limeton Lime Co.
LINVILLE—Linville Lime Co.
NORFOLK—Lee A. S. & Sons Co. (See Richmond)
ORANDA—Orndorff M. M.
RICHMOND—Lee A. S. & Sons Co., 108 S 13th
Maoore Lime Co. Works: Eagle Rock, Va.
Powhattan Lime Co.
RIVERTON—Riverton Lime Co.
STAUNTON—Felsworth Lime Co.
STEPHENS CITY—Grove M. J. Lime Co. (See Lime Kiln, Md.)
STRASBURG—Powhatan Lime Co. (See Richmond, Va.)
Standard Lime & Stone Co. (See Baltimore, Md.)
STRASBURG JUNCTION — Shenandoah Lime Co.
TOMS BROOK—Paxton John C.

WASHINGTON.

DEER HARBOR—Cowell Henry Lime & Cement Co. (See San Francisco, Cal.)
Orcas Lime Co.
EVANS—Idaho Lime Co. (See Spokane, Wash.)

FRIDAY HARBOR—Cowell Henry Lime & Cement Co. (See San Francisco, Cal.)
ROCHE HARBOR—Tacoma & Roche Harbor Lime Co.
SEATTLE—Orcas Lime Co. (See Deer Harbor)
SPOKANE — Idaho Lime Co. Works: Evans, Wash.
Washington Brick, Lime & Sewer Pipe Co. Works: Bayview, Idaho
SUMAS—International Lime Co.

WEST VIRGINIA.

BAKERTON—Washington Building Lime Co. (See Baltimore, Md.)
BLUEFIELD—Saxon Lime & Lumber Co.
BUNKER HILL—Baker J. E. Co. (See York, Pa.)
KENOVA—Basic Products Co. (See Pittsburgh, Pa.)
MARTINSBURG — Blair Limestone Co. (See Pittsburgh, Pa.)
Standard Lime & Stone Co. (See Baltimore, Md.)
NEW CUMBERLAND—Acme Fire Clay Works

WISCONSIN.

APPLETON—Marston Bros. Co.
BRILLION—Union Lime Co. (See Milwaukee, Wis.)
CEDARBURG—Groth J. F. & Son
DRUECKER—Independent Lime & Stone Co.
FOND DU LAC—Standard Lime & Stone Co. (White)
GRAFTON—Milwaukee Falls Lime Co. (See Milwaukee, Wis.)
GRIMMS—Union Lime Co. (See Milwaukee, Wis.)
HAYTON—Union Lime Co. (See Milwaukee, Wis.)
KEWAUNEE—Nast Bros. Lime & Stone Co. (See Marblehead, Wis.)
KNOWLES—Nast Bros. Lime & Stone Co. (See Marblehead, Wis.)
Standard Lime & Stone Co. (See Fond du Lac, Wis.)
MARBLEHEAD—Nast Bros. Lime & Stone Co. (See Milwaukee, Wis,)
Union Lime Co.
MAYVILLE—Mayville White Lime Works
MENASHA—Plummer H. H.
MILWAUKEE—Empire Lime & Stone Co.
Milwaukee Falls Lime Co.
Union Lime Co., Pabst bldg.
Western Lime & Cement Co., Pabst bldg
OSHKOSH—Cook & Brown Lime Co.
QUARRY—Empire Lime & Stone Co. (See Milwaukee, Wis,)
RACINE—Fox Lime & Stone Co.
SHEBOYGAN—Sheboygan Lime Works
TEMPLETON—Templeton Lime Co. (See Chicago, Ill.)
VALDERS—Standard Lime & Stone Co. (See Fond du Lac, Wis.)
Valders Lime & Stone Co.

7455a— Lime Plants

Atlas Engineering Co., Amherst, O.
See adv index at end of book
Schaffer Engineering & Equipment Co. The (Continuous & Automatic) Tiffin, O. *See adv index at end of book*

7455b— Lime Sulphate

Doggett Stanley, 11 Cliff, New York
Higginson Mfg. Co., Newburgh, N. Y.
Scheel Wm. H. (Imp.), 159 Maiden la, New York
Western Chemical Mfg. Co. (Bi-Sulphate of Lime), Denver, Colo.

7456—Lime Sulphur Solution

Dow Chemical Co., Midland, Mich.
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Mechling Bros. Mfg. Co., Camden, N. J.
Taylor Chemical Co., Penn Yan, N. Y.
Thomsen Chemical Co., Munsey bldg, Baltimore, Md.

7457— Lime (Vienna)

Burns E. Reed, 27 Jackson, Brooklyn, N. Y.
Hanson & Van Winkle Co., 269 Oliver, Newark, N. J.
Sieman & Elting, 99 Nassau, New York
Union Polish Co. (Composition), 80 Barclay, New York

7458—Limestone (Cream White)

Tompkins Kiel Marble Co. ("American"), 505 5th av, New York

7459—Limestone (Ground & Powdered)

American Ballast Co. (Powdered), Holton Nat. Bk. bldg, Knoxville, Tenn.
Armstrong Jno. Lime & Quarry Co., Alton, Ill.
Arrell Limestone Co. (For Agr. Use), Youngstown, O.
Bessemer Limestone Co. (For Agricultural Use), Youngstown, O.
Casparis Stone Co. (Ground Limestone), Clinton bldg, Columbus, O.
Columbus Macadam Co., 319 Dublin av, Columbus, O.
Doggett Stanley, 11 Cliff, New York
Dolomite Products Co. (Agricultural), 1110 Euclid av, Cleveland, O.
Fruin-Bambrick Consolidated Co. (Pulverized or Dust), 800 S Spring av, St. Louis, Mo.
Gager Lime & Mfg. Co., Chattanooga, Tenn.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL REGISTER

Glencoe Lime & Cement Co. (Limestone Flux), Syndicate Tr. bldg, St. Louis, Mo.
Kelley Island Lime & Transport Co., Cleveland, O.
Marble Cliff Quarries Co. (for Agricultural Use), Columbus, O.
Mitchell Lime Co., Mitchell, Ind.
National Mortar & Supply Co. (For Agricultural Use; also Glass Makers), 2nd Nat'l Bank bldg, Pittsburgh, Pa.
Ohio Marble Co., Piqua, O.
Rock Cut Stone Co. (For Agricultural Use), Syracuse, N. Y.
Security Cement & Lime Co., Security, Md.
Skrainka Construction Co., Security bldg, St. Louis, Mo.
Standard Lime & Stone Co., Equitable bldg, Baltimore, Md.
Whitestone Marble Co., Atlanta, Ga.

7460—Limestone (Screened)

Arrell Limestone Co., Youngstown, O.
Bessemer Limestone Co., Youngstown, O.
Columbus Macadam Co., 319 Dublin av, Columbus, O.
Kelley Island Lime & Transport Co., Cleveland, O.
Marble Cliff Quarries Co., Columbus, O.

7461— Liners (Chute)

See also Plates, Chute

Alloy Steel Forging Co., Carnegie, Pa.

7462— Liners (Cylinder)

American Welding Co., Carbondale, Pa.

7463— Lines (Measuring)

Kane Supply Co. (For Oil & Gas Wells), Kane, Pa.

Linings (Blast Furnace)

See Brick, Blast Furnaces

7463a— Linings (Brake)

Raybestos Co., 1427 Railroad av, Bridgeport, Conn.

7464— Linings (Carpet)

Brown Co. ("Bulls Hide Gray"), Portland, eM.
Bishop Robert Mfg. Co., 157 W Sixth, South Boston, Mass.
Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
Carlyle Paper Co., Carlyle, Ill.
Ford Mfg. Co., 2339 La Salle, Chicago, Ill.
Fox Paper Co., Lockland, O.
General Roofing Mfg. Co. (Plain & Corrugated), Boatman's Bank bldg, St. Louis, Mo.
Hartje Paper Mfg. Co., 113 Wood, Pittsburgh, Pa.
Johns H W.-Manville Co., Madison av & 41st, New York
Kieffer Paper Co., Brownstown, Ind.
Kingston Paper Co., Inc., Little Falls, N. Y.
Mac-Sim-Bar Paper Co. (Corrugated), Otsego, Mich.
Munroe Falls Paper Co., Massillon, O.
Munroe Felt & Paper Co., 79 Summer, Boston, Mass.
New England Carpet Lining Co., New London, Conn.
Newton Paper Co. ("Gold Medal"), Holyoke, Mass.
Ohio Paper Co., Miamisburg, O.
Peters Paper Co., Latrobe, Pa.
Richardson Paper Co., Wyoming & Cooper avs, Lockland, O.
Rockton Paper Co. (Corrugated), Rockton, Ill.
Schmidt & Ault Paper Co., York ,Pa.
Sutton E. W., 53 Sedgwick, Brooklyn, N. Y.
Thompson & Norris Co. The, (Corrugated), Concord & Prince, Brooklyn, N. Y.
Union Carpet Lining Co., 79 Summer, Boston, Mass.
Van de Carr Paper Co., Stockport, N. Y.
Watson H. F. Co. (Corrugated, Moth Proof, etc), Erie, Pa.

7465— Linings (Case)

General Roofing Mfg. Co. (Waterproof), Boatsman's Bank bldg., St. Louis, Mo.
Hydrex Felt & Engineering Co. (Waterproof), 120 Liberty, New York
Insurance Packing Mills (Waterproof, Cloth Lined & All Paper), Brockton, Mass.
Keystone Roofing Mfg. Co. (Waterproof, Duplex & Single Coated), York, Pa.
UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland, O. & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book

7466-7— Linings (Clutch)

BETTES & EBSEN, 150 Church, New York *See adv index at end of book*
Carey Philip Mfg. Co. ("Enduro"), 330 Wayne av, Lockland, Cincinnati, O.
Chicago Belting Co. (Leather), 125 N Green, Chicago, Ill.
Detroit Leather Specialty Co., Inc. ("Wear Well"),275 Beecher av, Detroit, Mich.
Dominion Asbestos & Rubber Corp, 154 Nassau, New York
See adv index at end of book
Graton & Knight Mfg. Co., Worcester, Mass.
Hide Leather & Belt Mfg. Co. (Leather), 227 S Meridian, Indianapolis, Ind.
Horton F. L. Mfg. Co. ("Elektra"), 36 Whittier, Rox, Boston, Mass.
Jewell Belting Co. ("Gem"), Hartford, Conn.
Mau-Sherwood Supply Co. (Automobile Cone), 1616 W 3d, Cleveland, O.
Milwaukee Leather Belting Co. ("M. L. B."), 499 12th, Milwaukee, Wis.
National Leather Mfg. Co. ("National," & "Wolverine"), Niles, Mich.
Rahmann Geo. & Co. (Hydraulic, Leather), 31 Spruce, New York
Royal Equipment Co., Bridgeport, Conn.

7468— Linings (Digester)

Stebbins Engineering & Mfg. Co., Watertown, N. Y.

7469— Linings (Flue)

See also Pipe, Sewer

American Clay Co., Terre Haute, Ind.
American Clay Products Co., 175 5th av, New York
American Fire Brick Co., Spokane, Wash.
American Sewer Pipe Co., Akron, O.
Bannon P. Pipe Co., Louisville, Ky.
Blackmer & Post Pipe Co. (Fire Clay), Boatman's Bank bldg., St. Louis, Mo.
Buckeye Fireclay Co., Uhrichsville, O.
Campfield Raggle Block Co. (Air Cell Fire Proof, Smoke Stack Liners), Richmond, Ind.
Cannelton Sewer Pipe Co., Cannelton, Ind.
Chattanooga Sewer Pipe & Fire Brick Co., Chattanooga, Tenn.
Clark N. & Sons, 116 Natoma, San Francisco, Cal.
Denny-Renton Clay & Coal Co., Seattle, Wash.
Dickey W. S. Clay Mfg. Co., N. Y. Life bldg, Kansas City, Mo.
Duffy J. P. Co., 207 E 138th, New York
East Ohio Sewer Pipe Co., Irondale, O.
Eastern Clay Goods Co., 141 Milk, Boston, Mass.
Evens & Howard Fire Brick Co., 920 Market, St. Louis, Mo.
Evans Clay Mfg. Co., Uhrichsville, O.
Excelsior Fire Clay Co., Lisbon, O.
Gladding, McBean & Co. (Terra Cotta), Crocker bldg, San Francisco, Cal. Works: Lincoln, Cal.
Hall & Sons. Buffalo, N. Y.
Iowa Pipe & Tile Co., Des Moines, Ia.
Klotz A. E. Fireproofing Co., 2517 Washington, New York
Laclede-Christy Clay Products Co., Manchester & Sulphur avs, St. Louis, Mo.
Lehigh Sewer Pipe & Tile Co., Fort Dodge, Ia.
Macomb Sewer Pipe Co. (Fire Clay), Macomb, Ill.,
Mushet Co., W. E., 502 Mission, San Francisco, Cal.
National Fireproofing Co., Fulton bldg, Pittsburgh, Pa.
New York Pottery Co., Fuller bldg, New York
Northwestern Clay Mfg. Co., Aledo, Ill.
Oconee Brick & Tile Co., Milledegeville, Ga.
Patton Clay Mfg. Co. (Cambria Co.), Patton, Pa.
Pomona Terra Cotta Co., Pomona, N. C.
Red Wing Sewer Pipe Co., Red Wing, Minn.
Reeve Augustus, Camden, N. J.
Robinson Clay Product Co., Akron, O.
Robinson & Sons Sewer Pipe Co., Ulrichsville, O.
St. Marys Sewer Pipe Co., St. Mary's, Pa.
Shawmut Clay Mfg. Co. ("Shawmut"), Drummond, Pa., & 182 B'way, New York
Southern Sewer Pipe Co., Birmingham, Ala.
Stratton Fire Clay Co., Empire, O.
Streator Clay Mfg. Co., Streator, Ill.
Uhl Pottery Co., Evansville, Ind.
Union Sewer Pipe Co., McKeesport, Pa.
Vigo-Am. Clay Co., Terra Haute, Ind.
Williams N. A. Co., 133 W Washington, Chicago, Ill.
Winslow & Co., Portland, Me.

7469a— *Linings (Furnace)

See also Brick (Blast Furnace)

General Ceramics Co. (Clay), 50 Church, New York

Linings (Ladle)

See Brick, Ladle

7470—Linings (Ladle, Cinder Car)

Marshall Foundry Co., Pittsburgh, Pa.

7471— Linings (Pump)

Taylor-Wharton Iron & Steel Co., High Bridge, N. J.

7472—Linings (Refrigerator)

Baltimore Enamel & Novelty Co., ("Enameled Iron), Woodall, Baltimore, Md.
Enamel Products Co. (Enameled Iron), Eddy rd & Taft av, Cleveland, O.
Ingram-Richardson Mfg. Co. (Porcelain Enameled Iron, One Piece & Flat Sheets), Beaver Falls, Pa.
Mineral Products Co. ("Xyno," Stone), Rhinelander, Wis.
National Refrigerator & Fixture Co., 8th & Park, St. Louis, Mo.

7473-4-5—Linings (Rubber Boot & Shoe)

Draper Bros. Co., Canton, Mass.

7476— Links (Chain Repair)

Columbus McKinnon Chain Co., Columbus, Ohio
See adv index at end of book
Kilborn & Bishop Co. (Drop Forged), New Haven, Conn.
Krein Chain Co., Wapakoneta, O.
Marine Hardware-Equipment Co. ("Acme" Drop Forge & "Mheco" Double Lock Forge), S Portland, Me.
Nixdorf Krein Mfg. Co., 900 Howard, St. Louis, Mo.

7477— Links (Connecting)

Auer John, Jr. (Wrought Iron Open), 197 Middleton, Brooklyn, N. Y.
Brewer Bros Co. (Wrought Iron), 614 Filbert, Phila., Pa.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
Keystone Drop Forge Works ("Keystone" Open Link), Chester, Pa.
Kilborn & Bishop Co. ("K. B." Forged), New Haven, Conn.
Laughlin Thos. Co. ("Missing Link"), Portland, Me.
Marine Hardware-Equipment Co. ("Acme" Drop Forged), South Portland, Me.
Newhall Chain, Forge & Iron Co. (Also Repair), 89 West, New York
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
Wilcox, Crittenden & Co. ("Lasting" Drop Forged), Middletown, Conn.

7478— Links (Drag)

Chain Belt Co., Milwaukee, Wis.
DETROIT SCREW WORKS (Fore & Aft), 348 Franklin, Detroit, Mich.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Michigan Electric Welding Co., Detroit, Mich.

7479—Links For Conveyor Chains

Chain Belt Co., Milwaukee, Wis.
Henry & Allen (Malleable & Steel), Milwaukee, Wis.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Scranton Forging Co., Scranton, Pa.
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.

7480—Links (Fusible Fire Door, Etc.)

Aurora Door Hanger & Spec. Co., Aurora, Ill.
Chicago Fuse Mfg. Co. ("Union"), 1014 W Congress, Chicago, Ill.
Richards-Wilcox Mfg. Co., Aurora, Ill.
Smith F. E. Metal Window Hdw. Co. (For Fireproof Windows, etc.), 81 Clay, Newark, N. J.
Victor Mfg. Co. ("Victor"), Newburyport, Mass.
Yates J. W., 168 8th av, New York

7481— Links (Grab, Etc.)

Weimer Chain & Iron Co., Lebanon Pa.

7482— Links (Lap)

Collins, Hilton Co., Louisville, Ky.
Columbus Handle & Tool Co., Columbus Ind.
Krein Chain Co., Wapakoneta, O.

7483— Links (Split)

Parker Wire Goods Co. (Brass Wire), Worcester, Mass.
Plume & Atwood Mfg. Co. (Also Safety & Plumbers' Links), Waterbury, Conn.

7484—Links & Pins (Coupling)

Alloy Steel Forging Co. (Pins), Carnegie, Pa.
American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Boston Forge Co., East Boston, Mass.
Cambria Steel Co., Widener bldg, Philadelphia, Pa.
Champion Rivet Co., Cleveland, O.
JEFFREY MFG. CO., 961 N 4th, Columbus, O.
See adv index at end of book
Kansas City Bolt & Nut Co., Kansas City, Mo.
Logan Iron & Steel Co., Morris bldg, Phila., Pa.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Forge & Iron Co., Chamber of Commerce bldg, Pittsburgh, Pa.
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Tredegar Co., ft. of 5th, Richmond, Va.
Western Steel Car & Foundry Co, 37 W Van Buren, Chicago, Ill
Wilcox D. Mfg. Co., Mechanicsburg, Pa.

7485— Linoleates

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

7486— Linoleum Mfrs.

See also Oil Cloth Mfrs.

American Linoleum Mfg Co, 366 5th av, New York
Armstrong Cork Co. ("Armstrong" Linoleum Dept.), Lancaster, Pa.
Beuttell Henry & Sons ("Greenwich" Inland, etc), 114 5th av, New York
Blabon Geo. W. Co., 21st & Hunting Park av, Phila., Pa.
Cook's Linoleum Co. ("Cooks" Inlaid, etc), Trenton, N. J.
Farr & Bailley Mfg. Co., Camden, N. J.
Germania Importing Co. ("Anchor," Inlaid, Imported), 41 Union sq, New York
Nairn Linoleum Co., Kearny, N. J.
Potter Thos. Sons & Co. (Inc.), N 2d & Erie av, Philadelphia, Pa.
Ringwalt Linoleum Works ("Rubberoleum"), New Brunswick, N. J.
United Roofing & Mfg. Co. ("Congoleum"), Morris bldg, Phila., Pa.
Weber C. H. ("Hansa" German Imported), 45 E 17th, New York
Wild Joseph & Co. ("Battleship"), 366 5th av, New York
Witcombe McGeachin & Co. ("Staines" Inlaid Imported), 22 W 37th, New York

7487—Linseed Oil Substitutes

Boley C. H. Co. ("Lin-O-Lin"), 3722 N Randolph, Phila., Pa.
Crescent Oil & Supply Co., 303 Main, St. Louis, Mo.

7488—Linseed Oil & Cake Mills

CALIFORNIA.

BERKELEY—El Dorado Oil Works (W. B.)
SAN FRANCISCO—El Dorado Oil Works, 433 California
Pacific Oil & Lead Works, 155 Townsend

ILLINOIS.

CHICAGO—Adams Fred C. Co. (Linseed Oil), 234 So. La Salle
American Linseed Co., 2209 Lmbr
Chicago White Lead & Oil Co., 1454 S Western av
Hirst & Begley Linseed Co., 2013 Mendel
Star Oil Co., 440 N Halsted

INDIANA.

INDIANAPOLIS—Evans Linseed Oil Co.

IOWA.

DES MOINES — Ankeney Linseed Mfg. Co. ("Anchor Brand," Oil, Cake & Meal)

KANSAS.

FEDONIA—Hess & Wiley

MASSACHUSETTS.

BOSTON—American Linseed Co., 79 Milk
National Lead Co. of Mass, 131 State

MICHIGAN.

DETROIT—American Linseed Co.
National Lead Co., 10th & Howard

MINNESOTA.

MINNEAPOLIS—American Linseed Co., 951 Chamber of Commerce Annex; Main Office, New York City
Archer-Daniels Linseed Co., 2901 S E 6th
Midland Linseed Products Co., 1254 Chambers of Commerce
Minnesota Linseed Oil Co., 1101 S 3rd
Northern Linseed Oil Co., St. Anthony Park
RED WING—Red Wing Linseed Co.
ST. PAUL—American Linseed Co., 794 Hampden av.

MISSOURI.

KANSAS CITY—American Linseed Co., Main Office, N. Y. City
National Lead Co., 1406 W 13th
ST. LOUIS—American Linseed Co., 1600 Clark av., Main Office, N. Y. City
Mound City Paint & Color Co., 11th & Mullanphy

NEBRASKA.

OMAHA—American Linseed Co., Main Office, N. Y. City
National Lead Co.

NEW JERSEY.

EDGEWATER—Kellogg, Spencer & Sons (See Buffalo, N. Y.)
Midland Linseed Products Co. (See Minneapolis, Minn.)

NEW YORK.

AMSTERDAM—Kelloggs & Miller

BUFFALO—American Linseed Co., W. Ganson
Hauenstein & Co., 39 Vincennes
Kellogg, Spencer & Sons
Mann Bros. Co., 340 Ohio
NEW YORK—American Linseed Co. ("American," "Dean," "Campbell' & "Thayer"), Woolworth bldg.
Elbert & Co. (Imp.), 71 Wall
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
National Lead Co. ("Dutch Boy" Linseed Oil), 111 B'way

OHIO.

CINCINNATI—National Lead Co., 659 Freeman av.
CLEVELAND—Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Malone Oil Co., 2197 E 18th
National Lead Co., 637 Champlain av
TOLEDO—Metzger Seed & Oil Co.

OREGON.

PORTLAND — Portland Linseed Oil Works, Sherlocks av, ft of 22d

PENNSYLVANIA.

PHILADELPHIA—Grove Linseed Oil Co., Del. av & Bigler
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Lewis John T. & Bros. Co., Lafayette bldg
PITTSBURG—National Lead & Oil Co. (of Penna.) (Raw, Boiled & Refined), Commonwealth bldg.

WISCONSIN.

MILWAUKEE—Goodrich, Wm. & Co., 30th & Hopkins

7488a— Linters (Cotton Seed)

Boston Excelsior Co., 11th av & 29th, New York
Hirsch Cotton & Linter Co., Macon, Ga.
Smith A. A. Cotton Products Co., Atlanta, Ga.
Texas Cake & Linter Co., Dallas, Texas
Union Seed & Fertilizer Co., 65 B'way, New York

7489—Lips (Dredge & Clam Shell Bucket)

Alloy Steel Forging Co., Carnegie, Pa.
American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
Taylor-Wharton Iron & Steel Co. (Manganese Steel), High Bridge, N. J.

7490—Liquid Putty For Greenhouses

Weatherproof Calking Co., No. Minneapolis, Minn.

7491— Liquids (Iron)

Avery Chemical Co., 88 Broad, Boston, Mass.
Eastwood Chemical Co., Belleville, N. J.

7492— Liquids (Red)

Eastwood Chemical Co. (For Dying Cotton & Print Goods), Belleville, N. J.

7493—Listers & Corn & Cotton Planters (Riding)

Avery B. F. & Sons ("Mr. Bill"), Louisville, Ky.
Case J. I. Plow Works, Racine, Wis.
Deere & Co. ("Deere"), Moline, Ill.
Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.
Gale Mfg. Co. ("Sure Drop"), Albion, Mich.
Ohio Cultivator Co. ("Ohio Flyer"), Bellevue, Ohio
Oliver Chilled Plow Works ("Oliver"), South Bend, Ind.
Parlin & Orendorff Co. ("P. & O." Riding & Walking), Canton, Ill.
Racine-Sattley Co. ("Lucky Hit," "Tonapah"), Springfield, Ill.

7494—Listers & Drills (Riding)

Case J. I. Plow Works ("Racine, Jr."), Racine, Wis.
Deere John Plow Works, Moline, Ill.
Deere & Co. ("John Deere"), Moline, Ill.
Deere & Co., Moline, Ill.
Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.
Fort Madison Plow Co. ("Buster Brown," "Morrison," "New Morrison"), Fort Madison, Ia.
Gale Mfg. Co. ("Great West," "Sure Drop"), Albion, Mich.
Grand Detour Plow Co. ("Grand Detour"), Dixon, Ill.
Hayes Pump & Planter Co. ("Hayes"), Galva, Ill.
Janesville Machine Co. ("Janesville"), Janesville, Wis.
La Crosse Plow Co. ("La Crosse"), La Crosse, Wis.
Moline Plow Co. ("Easy Money," "Tri Belle," "Western Belle"), Moline, Ill.

Ohio Cultivator Co. ("Ohio Senior"), Bellevue, Ohio
Oliver Chilled Plow Works ("Oliver"), South Bend, Ind.
Parlin & Orendorff Co. ("P. & O." Riding & Walking), Canton, Ill.
Peru Plow & Wheel Co. ("Boss," "Little Duke," "Model," "New Duke"), Peru, Ill.
Racine-Sattley Co. ("Little Buster," "Lucky Hit," "Sattley"), Springfield, Ill.
Rock Island Plow Co. ("Rock Island," "Tricycle"), Rock Island, Ill.
St. Joseph Plow Co. ("Early Bird," "Famous St. Joe," "Tri-Wheeler"), St. Joseph, Mo.
Sechler D. M. Implement & Carriage Co. ("Black Hawk"), Moline, Ill.
South Bend Chilled Plow Co., South Bend, Ind.
Swanson Plow Co., Muskogee, Okla.

7495—Listers & Drills (Riding, Two Row)

Deere & Co. ("John Deere"), Moline, Ill.
Parlin & Orendorff Co. ("P. & O."), Canton, Ill.
St. Joseph Plow Co. ("Famous St. Joe," "St. Joe"), St. Joseph, Mo.
Thompson, J. Plow Works, Beloit, Wis.

7496—Listers & Drills (Walking)

Deere & Co. ("John Deere"), Moline, Ill.
Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.
Fort Madison Plow Co. ("Morrison"), Fort Madison, Ia.
Gale Mfg. Co. ("Great West"), Albion, Mich.
Grand Detour Plow Co. ("Grand Detour"), Dixon, Ill.
Hayes Pump & Planter Co. ("Hayes"), Galva, Ill.
Moline Plow Co. ("Puritan"), Moline, Ill.
Ohio Cultivator Co. ("Famous Ohio," "Ohio Junior"), Bellevue, O.
Oliver Chilled Plow Works ("Oliver" & "Black Hawk"), South Bend, Ind.
Parlin & Orendorff Co. ("P. & O."), Canton, Ill.
Peru Plow & Wheel Co. ("Peru"), Peru, Ill.
Racine-Sattley Co. ("Sattley"), Springfield, Ill.
Rock Island Plow Co. ("Empress"), Rock Island, Ill.
St. Joseph Plow Co. ("Famous St. Joe"), St. Joseph, Mo.
Swanson Plow Co., Muskogee, Okla.
Thompson J. Plow Works, Beloit, Wis.

7497— Litharge

See also White & Red Lead Mfrs.

Coulston J. W. & Co. (Red), 80 Maiden lane, New York
Doggett Stanley (Jobbers), 11 Cliff, New York
Eagle Picher Lead Co. (The), ("Picher" Oil Refiners Litharge), 208 S La Salle, Chicago, Ill.
Euston White Lead Co., Wabash Tracks, St. Louis, Mo.
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
Fuller W. P. & Co., 301 Main, San Francisco, Cal.
Harrison Works (Du Pont), 35th & Grays Ferry rd, Phila., Pa.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Katzenbach & Bullock Co., 100 William, New York
Lead Products Co., 3215 Papin, St. Louis, Mo.
Lewis John T. & Bros. Co., Lafayette bldg., Phila., Pa.
Meyer G. & E. (Merchts.), 135 William, New York
National Lead Co., 111 B'way, New York
National Lead & Oil Co (of Pa.), (For Glassmakers & Rubber Mfrs.), Commonwealth bldg, Pittsburgh, Pa.
Picher Lead Co., Joplin, Mo.
Scheel Wm. H. (Red, etc., Imported), 159 Maiden lane, New York
United Lead Co., 111 Broadway, New York
Waldo E. M. & T. ("Oxemony" Red), 11 B'way, New York
Wetherill & Bro., 126 S 30th, Phila., Pa.
Whittaker, Clark & Daniels, Inc. (Jobbers), 250 Front, New York
Wiarda John C. & Co. (Jobbers), 273 Greene, Brooklyn, N. Y.

7498-9— Lithopone

Bayer Co. (Imp.), 117 Hudson, New York
Butterworth-Judson Corp., 61 B'way, New York
Chemical Pigments Corp. (Zinc Cloth), Stock Exch. bldg, Phila., Pa.
Coulston J. W. & Co. (Imp.), 80 Maiden lane, New York
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
Gabriel & Schall (Imp.), 295 B'way, New York
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
HARRISON WORKS (DU PONT), 35th & Grays Ferry rd, Phila., Pa.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Heller & Merz Co. ("Ponolith"), 503 Hudson, New York
Innis, Speiden & Co., Inc. (Imp.), 46 Cliff, New York. *See adv index at end of book*
Katzenbach & Bullock Co., 100 William, New York
Klipstein A. & Co. (Imported), 644 Greenwich, New York
KREBS PIGMENT & CHEMICAL CO., ("Ponolith") Newport, Del.
New Jersey Zinc Co. ("Standard A" & "Green Label"), 55 Wall, New York
Pfaltz & Bauer (Imp.), 300 Pearl, New York
Port Morris Chemical Wks., 141st & Locust av, New York
Rolls H. J., Ellicott Sq. bldg, Buffalo, N. Y.
Scheel Wm. H. (Imported), 159 Maiden la, New York
Whittaker, Clark & Daniels, Inc. (Imp.), 250 Front, New York

Litters (Folding)

See Stretchers, Hospital

7500— Loaders (Alfalfa)

Emerson-Brantingham Co. ("Emerson" Gearless), Rockford, Ill.
Sterling Mfg. Co., Sterling, Ill.

7501-2— Loaders (Box Car)

Christy Box Car Loader Co. (Coal Only), Des Moines, Ia.
Ellison Wm. & Sons Mfg. Co., St. Louis, Mo.
Fairmont Mining Machinery Co. ("Fairmont" Rotary), Fairmont, W. Va.
Federal Railway Supply Co., Knoxville, Tenn.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Manierre Engineering Co. ("Manierre"), Colby-Abbott bldg, Milwaukee, Wis.
Ottumwa Box Car Loader Co. (Electric or Steam), Ottumwa, Ia.

Loaders (Cane)

See Loaders, Sugar Cane

7503— Loaders (Coal Car)

Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
Holmes Robt. & Bros. (End Loaders), Danville, Ill.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill, & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Ottumwa Box Car Loader Co. (Electric or Steam), Ottumwa, Ia.

7504— *Loaders (Dirt)

Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
KEYSTONE DRILLER CO., Beaver Falls, Pa.

7505— Loaders (Grain Car)

Bauder E. ("Reynolds"), Sterling, Ill.
Caldwell H. W. & Son Co. ("Champion," "Sterling"), 17th & Western av, Chicago, Ill.
Case J. I. Threshing Machine Co., Racine, Wis.
Clark W. J. Co., Salem, O.
Maroa Mfg. Co. ("Boss"), Maroa, Ill.
Pease E. H. Mfg. Co., Racine, Wis.
Taylor L. E. & Co., ("Englehart") 312 Flour Exchange, Minneapolis, Minn.

7506— Loaders (Hay)

Dain Mfg. Co. ("Dains"), Ottumwa, Ia.
Emerson-Brantingham Co. ("Emerson" Gearless), Rockford, Ill.
Hocking Valley Mfg. Co., Lancaster, O.
International Harvester Company of America (Inc.) (Keystone-Osborne-International), 702 Harvester bldg, Chicago, Ill.
Massey-Harris Harvester Co., Batavia, N. Y.
Kouns Wesley, Salina, Kansas
Marseilles Co., East Moline, Ill.
Miller N. C. & Son, Dodgeville, Wis.
Moline Plow Co. ("Flying Dutchman," "Moline"), Moline, Ill.
Ohio Rake Co. ("Ohio," "Canton," "Dayton"), Dayton, O.
Rock Island Plow Co. (Cylinder Rake Bar), Rock Island, Ill.
Sandwich Mfg. Co. ("Clean Sweep," "Easy Way"), Sandwich, Ill.
Sterling Mfg. Co., Sterling, Ill.
Thomas Mfg. Co. ("Thomas-Swath," "Peerless Windrow," "Thomas Double Cylinder"), Springfield, O.
Thornburgh Mfg. Co., Bowling Green, O.

7507— Loaders (Log)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
American Hoist & Derrick Co. ("American"), St. Paul, Minn.
Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
CLYDE IRON WORKS ("McGiffert," "Decker," "Rapid"), Duluth, Minn.
See adv index at end of book

Loaders (Log) Steam
MANUFACTURED BY
CLYDE IRON WORKS
DULUTH, MINN.

Diamond Iron Works ("Diamond" Steam & Automatic), 2nd & 18th av N Minneapolis, Minn.
Filer & Stowell Co. (Steam), Milwaukee, Wis.
Goodyear Lumber Co. ("Barhart" Model), Marine Nat. Bank bldg, Buffalo, N. Y.
Lambert Hoisting Engine Co., 117 Poinier, Newark, N. J.
LIDGERWOOD MFG. CO. (Steam), 96 Liberty, New York
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Luther Frederick P. Co., 14 E Jackson blvd, Chicago, Ill
Lyon Iron Works, Greene, N. Y.
Marion Steam Shovel Co., P. O. Box 505 Marion O.
Monighan Machine Co. (Steam), 2032 Carroll av, Chicago, Ill.
Murray D. J. Mfg. Co., Wausau, Wis.
National Iron Co. ("Forest"), Duluth, Minn.
Parker Surry (Steam), Pinetown, N. C.
Phoenix Mfg. Co., Eau Claire, Wis.
Russel Wheel & Foundry Co., Detroit, Mich.

LOADERS (LOG)—continued

Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill. *See adv index at end of book*
Soule Steam Feed Works, Meridian, Miss.
Street Bros. Machine Works, Chattanooga, Tenn. *See adv index at end of book*
Wheland Co., Chattanooga, Tenn.
Wickes Bros. (Steam), Saginaw, Mich. *See adv index at end of book*

7508—*Loaders (Portable Wagon & Truck)

BYERS JNO. F. MACHINE CO., 242 S Sycamore, Ravenna, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa. *See adv index at end of book*

7509— Loaders (Rail)

United Supply & Mfg. Co. ("American," for Handling Steel Rails), Railway Exchange, Chicago, Ill.

7510—Loaders (Sugar Cane)

Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O. *See adv index at end of book*
Castagnos Cane Loader Co., New Orleans, La.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R. Ry., Phila., Pa. *See adv index at end of book*

7511— Loaders (Wagon)

American Conveyor Co., 3017 S La Salle, Chicago, Ill.
Austin Mfg. Co. ("New Era"), 910 S Michigan av, Chicago, Ill.
Bonney Supply Co., Livingston bldg, Rochester, N. Y.
Gifford Wood Co. ("G.-W."), Hudson, N. Y.
Haiss Geo. Mfg. Co., 141st & Rider av, New York
Hudson Machinery Co., Passaic, N. J.
Insley Mfg. Co. (Car-Side Hopper), Indianapolis, Ind.
Lee Loader & Body Co. (Also Motor Truck), 2343 So La Salle, Chicago, Ill.
LINK-BELT CO. (Portable, for Coal, Gravel, Broken Stone, etc), 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry., Phila., Pa. *See adv index at end of book*

Pittsburgh Conveying Machinery Co., 4th & Duquesne wy, Pittsburgh, Pa.
Portable Mchy. Co., Inc., Passaic, N. J.
Ransome-Leach Co., 115 B'way, New York
Specialty Engineering Co., Trenton & Alleghaney, Philadelphia, Pa.
Western Wheeled Scraper Co., Aurora, Ill.

7512—*Loaders (Wagon & Truck)

Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O. *See adv index at end of book*
Heltzel Steel Form & Iron Co., Warren, O. *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

7512a—*Loaders & Unloaders (Car)

BYERS JOHN F. MACHINE CO., 242 S Sycamore, Ravenna, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa. *See adv index at end of book*
Universal Road Machy. Co., Kingston, N. Y.

7513— Locators (Pipe)

Modern Iron Works ("D. B. M." Wireless), Quincy, Ill.

7514— *Lock-Nuts (Brass)

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

Lock-Nuts (Conduit, Etc.)

See Bushings, Outlet & Locknut

7515—Lock-Nuts & Washers

American Lock Nut Co., ("Absolute"), 10600 Corliss av, Chicago, Ill.
American Nut & Bolt Fastener Co., 3 Ontario & Doerr, Pittsburgh, Pa.
American Pin Co. ("Ampico"), Waterbury, Conn.
Appleton Electric Co. ("Appleton," Lock-Nuts for Conduits, etc), 230 N Jefferson, Chicago, Ill.
Barber & Co., 2812 S Wabash av, Chicago, Ill.
Boss Nut Co., 1744 N Kolmar av, Chicago, Ill.
Bourne & Knowles Mfg. Co., Cleveland, O.
Columbia Nut & Bolt Co. ("Columbia," for Railroads, Machinery, Automobiles, etc), Bridgeport, Conn.
Daniels Safety Device Co., 204 S La Salle, Chicago, Ill.
Dieter Nut Co. ("D. S." Safety Lock-Nut), 374 Madison av, New York
Eureka Nut Lock Co., 3201 Smallman, Pittsburgh, Pa.
Flannery Bolt Co. ("F. B. C." Arch Bar), Vanadium bldg, Pittsburgh, Pa.
Franklin Railway Supply Co. ("McLaughlin" for Piston Rods of Air Pumps, etc), 30 Church, New York
Grabler Mfg. Co. (Malleable Iron & Steel, for Plumbing & Electric Work), Cleveland, O.
Grip Nut Co. (One-Piece Steel Lock-Nut), McCormick bldg, Chicago, Ill.
Hamlin & Emery Brass Co., 49 Island, Boston, Mass.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Haydenville Co., Haydenville, Mass.
Hobbs Mfg. Co. (Lock Washers), Worcester, Mass.
Indianapolis Switch & Frog Co., Springfield, O.
Jones Positive Nut Lock Co., 2812 S Wabash av, Chicago, Ill.
Malleable Iron Fittings Co. ("M. I. F. Co." Lock-Nuts), Branford, Conn.
Mansfield Lock Washer Co., Mansfield, O.
National Lock Washer Co., 65 Johnson, Newark, N. J.
National Steel Products Co. ("Allen" Nut Lock), Marquette bldg, Cleveland, O.
National Umbrella Frame Co. ("Neverslip"), 30th & Thompson, Phila., Pa.
Neely Nut & Bolt Co. (Spring Nut & Bolt Locks), Pittsburgh, Pa.
Newbury J. H., Goshen, N. Y.
O. K. Nut Lock Co., Turks Head bldg, Providence, R. I.
Patterson Locknut Mfg. Co., 14 E Jackson bldg, Chicago, Ill.
Peninsular Milled Screw Co., Detroit, Mich.
Philadelphia Electrical & Mfg. Co. ("Pemco," Malleable Iron Washers with Nut-Locking Feature Added), 1236 N 31st, Phila., Pa.
Positive Lock Washer Co. of America (Inc.), Av A, Newark, N. J.
QUADRIGA MFG. & SPECIALTY CO., (Lock Washers), 213 W Grand av, Chicago, Ill. *See adv index at end of book*
Rail Joint Co., 61 B'way, New York
Reliance Mfg. Co. (Lock Washers), Massillon, O.
Roller Lock Nut Co., Inc., 61 B'way, New York
St. Louis Malleable Casting Co. (Malleable Iron Nut Lock Washers), 7701 Conduit av, St. Louis, Mo.
Schum Bros., 216 3rd av, New York
Scott John M. & Sons, Racine, Wis.
Simmons John Co., 110 Centre, New York
Steel City Electric Co. ("Fullman" Lock-Nut for Rigid Conduit), 1207 Columbus av, Pittsburgh, Pa.
Steel Specialties Co. ("Worth" Wedge Washer), Waltham, Mass.
Torsion Nut Lock & Washer Co. ("Torsion"), 141 Milk, Boston, Mass. *See adv index at end of book*

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER

The "Torsion" Nut-Lock and Washer Co.
MANUFACTURERS OF
Nut-Locks, Locking Plates and Washers
For All Textile Machinery, Automobiles, Railroad Tracks, Car Frames, Trucks, Electric Motors, Steam Pumps, and All Vibrating Machinery
141 Milk Street Boston, Mass.

United Nut Lock Co. ("Hugtite" Nut Lock), Springfield, Mass.
Verona Tool Works ("Verona," Nut-Lock), Oliver bldg, Pittsburgh, Pa. & Verona, Pa.
Western Tool & Forge Co., Brackenridge, Pa.

7516-7—Lock-Stub Check System

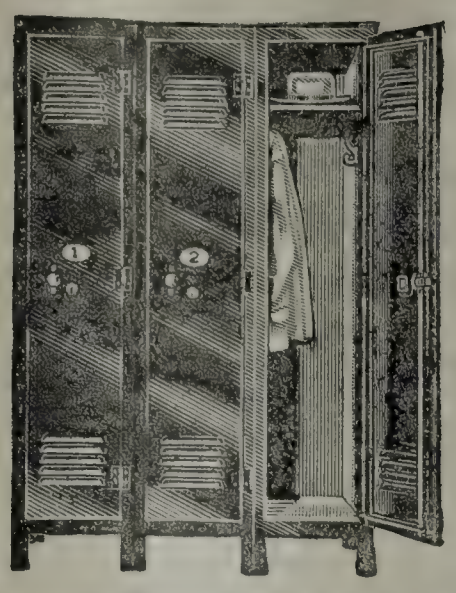
Lock-Stub Check Co., 253 36th, Brooklyn, N. Y.

7518— Lockers (Metallic)

Allsteelequip Co., Aurora, Ill.
Baker-Vawter Co., Benton Harbor, Mich.
Berger Mfg. Co., Canton, O.
Bernstein Mfg. Co., 3rd & Westmoreland, Phila., Pa.
Canton Art Metal Co., Canton, O.
Cleveland Metalcraft Co., Cleveland, O.
Cleveland Wire Spring Co., Cleveland, O.
Darby Edw. & Sons Co., 239 Arch, Phila., Pa.
Dexter Metal Mfg. Co., ("Merritt" Sheet Steel for Dept Store, etc), 93 Arch, Camden, N. J.
Durand-Steel Locker Co. ("Durand" Steel), 1435 Ft. Dearborn Bank bldg, Chicago, Ill.
EDWARDS MFG. CO., 545-565 Eggleston av., Cincinnati, O. *See adv index at end of book*
Federal Steel Fixture Co. ("Federal" Steel), 4545 Homer, Chicago, Ill.
Gem Stamped Steel Co., Chelsea, Mass.
HART & HUTCHINSON CO. ("H. & H." Steel), Dept C, New Britain, Conn.
Hess Warming & Ventilating Co. ("Hess" Steel), 1211 S Western av, Chicago, Ill.
Jefferis Richard W. Co. ("Jefferis" Pressed Steel), Camden, N. J.
Kabureck Geo., 1123 B'way, New York
Kalamazoo Sheet Metal Mfg. Co., Kalamazoo, Mich.
Keighley S. Metal Ceiling & Mfg. Co., 124 3d av, Pittsburgh, Pa.
Lasar Ornamental Iron Co., (Wire), 16th & O'Fallon, St. Louis, Mo.
Lyon Metallic Mfg. Co. ("Lyon" Steel), Aurora, Ill.
Manufacturing Equipment & Engineering Co,. ("Mecco") 136 Federal, Boston, Mass.
Medart Fred. Mfg. Co., De Kalb & Potomac, St. Louis, Mo. *See adv index at end of book*
Narragansett Machine Co. ("Standard"), Providence, R. I.
Shults H. H. Co., Gowanda, N. Y.
SMITH F. P. WIRE & IRON WORKS, Lake & Dearborn, Chicago, Ill. *See adv index at end of book*
Standard Sheet Metal Mfg. Co., Washington, Pa.
Steel Fixture Mfg. Co., Topeka, Kan.
Terrell's Equipment Co. ("Terrell's"), B'way, Grand Rapids, Mich.
Van Dorn Iron Works Co. (Steel Wire, "Van Dorn"), 2700 E 79th, Cleveland, O.
Willcox Engineering Co., 1525 Holland, Saginaw, Mich.
Wilson Andrew Co., 616 Essex, Lawrence, Mass. *See adv index at end of book*

7519—*Lockers (Sheet Steel, Imitation of Wood Finish)

Medart Fred Mfg. Co., De Kalb & Potomac, St. Louis, Mo. *See adv index at end of book*



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We furnish Edwards complete locker equipments for factories, stores, schools, colleges, clubs, gymnasiums, offices, etc. The Edwards Steel Lockers are complete with hat shelves, hooks, locking devices, locks and number plates. They are adjustable, economize space and have no complicated parts. Each locker comprises 7 complete units. Interchangeable and standardized, making the Edwards Steel Lockers the cheapest and best. Every locker guaranteed. Beautifully finished in baked enamel.

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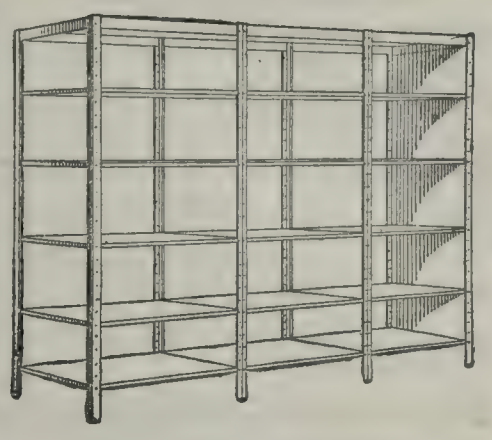

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The World's Largest Manufacturers of Metal Roofing, Metal Shingles, Metal Spanish Tile, Metal Ceilings, Metal Garages, Portable Buildings, Steel Lockers and Shelving, Steel Trucks, Rolling Steel Doors, Shutters, Partitions.

7520— *Lockers (Steel)

EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Ohio Sheet Metal Co., Canton, O.

Steel Lockers and Steel Shelving

Write for Catalog "A-4"

FRED MEDART MFG. CO.

ST. LOUIS, MO.

7521— Locks (Air)

American Bridge Co. (Caissons), 30 Church, New York
Coatesville Boiler Works, Coatesville, Pa.
East Jersey Pipe Co., Paterson, N. J.
Union Iron Works, Hoboken, N. J.

7522— Locks (Air Brake)

St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

7523— Locks (Automobile)

Baird Equipment Co., 319 W Ohio, Chicago, Ill.
Blackburn Specialty Co., 3409 Perkins av, Cleveland, O.
Connecticut Tele. & Elec. Co., 70 Britnia, Meriden, Conn.
Fraim E. T. Lock Co. ("Fraim Motor), Lancaster, Pa.
See adv index at end of book
Johnstone Auto Lock Co., Cleveland, O.
Reliance Co., 415 S Sangamon, Chicago, Ill.
Security Auto Lock Co. (Gasoline Lock), 452 5th av, New York
Slaymaker Lock Co., Lancaster, Pa.

7524—Locks (Automobile Chain)

Stimpson Edw. B. Co. ("Lynch"), 68 Franklin av, Brooklyn, N. Y.

7525—Locks (Automobile Tire)

Allen Auto Spec. Co., 16 W 61st, New York
Allith-Prouty Co. ("Apco" Self-Locking), Danville, Ill.

Highton Wm. & Sons Co., Nashua, N. H.

7526—Locks (Automobile Tool Chest)

Dent Hardware Co., Fullerton, Pa.

Locks (Bank)

See Locks, Cabinet

Locks (Barn Door)

See Locks & Latches, Sliding Door

7527— Locks (Beer Case)

Atlas Metal Parts Co., 998 15th, Milwaukee, Wis.
20th Century Machinery Co., Nat'l Bank bldg, Milwaukee, Wis.

7528— Locks (Bicycle)

Corbin Cabinet Lock Co., New Britain, Conn.
Fraim E. T. Lock Co. ("Cycle"), Lancaster, Pa.
Slaymaker Lock Co., Lancaster, Pa.
Yale Mfg. Co., 2056 E 4th, Cleveland, O.

7529— Locks (Billiard Cue)

Dent Hardware Co., Fullerton, Pa.
Eagle Lock Co., Terryville, Conn.

7530— Locks (Book)

Eagle Lock Co., Terryville, Conn.

7531— Locks (Box)

Acme Steel Goods Co., 2834 Archer av, Chicago, Ill.
Atlas Metal Parts Co., 998 15th, Milwaukee, Wis.
Brainerd Mfg. Co., East Rochester, N. Y.
Eagle Lock Co., Terryville, Conn.
Ludwig A. & Co., 75 Spring, New York
Williams F. B. Co., 507 E 39th, Chicago, Ill.

7532—Locks (Breastplate, For Harness)

Berry Chas. E. ("Berry"), Somerville, Mass.

7533— Locks (Broom)

Walrath Alphonso Co. (Lithographed etc), Fort Plain, N. Y.

7534— Locks (Buckle)

Eagle Lock Co., Terryville, Conn.

7535— Locks (Cabinet)

Bolles Wm. B., Post Office Box 600, Milwaukee, Wis. *See adv index at end of book*
Brainerd Mfg. Co., East Rochester, N. Y.
Chantrell Hardware & Tool Co. (also Cylinder Door), Reading, Pa.
Corbin Cabinet Lock Co., New Britain, Conn.
Deitz Alonzo E. (Cast & Wrought Brass, also Self-Locking), 73 Clymer, Brooklyn, N. Y.
Eagle Lock Co., Terryville, Conn.
Fraim E. T. Lock Co., Lancaster, Pa.
Huber Mfg. Co., 417 E 93d, New York
Miller J. B. Keyless Lock Co. ("J. B. Miller's" Keyless), Kent, O.
National Lock Co., Rockford, Ill.
Penn Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn.
Sargent & Greenleaf Co., Rochester, N. Y.
Slaymaker Lock Co., Lancaster Pa.
Yale Mfg. Co., 2056 E 4th, Cleveland, O.

7536—Locks (Car & Switch)

See also Locks, Pad

Adams & Westlake Co., 319 W Ontario, Chicago, Ill.
Bohannan, Wilson, 760 Lex. av, Brooklyn, N. Y.
Climax Co. (Switch), 275 Passaic, Newark, N. J.
Dayton Mfg. Co. (Door, Sash, Switch, etc), Dayton, O.
Detroit Ship Building Co. (Brass Dept.), Detroit, Mich.
Edwards O. M. Co. (Railroad Switch), Syracuse, N. Y.
Federal Signal Co. (Electric Switch), Albany, N. Y.
Fraim E. T. Lock Co. ("Fraim"), Lancaster, Pa.
Loeffelholz Co., Milwaukee, Wis.
Miller Lock Co., 4519 Tacony, Phila., Pa.
National Malleable Castings Co. (Car Coupler), 7706 Platt, S E, Cleveland, Ohio
Railroad Supply Co., 203 S Dearborn, Chicago, Ill.
Romer & Co. (Inc.), 275 Passaic, Newark, N. J.
Russell & Erwin Mfg. Co. (Car Door Only), New Britain, Conn.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Sargent & Co., New Haven, Conn.
Slaymaker Lock Co., Lancaster, Pa.
Zelnicker Walter A. Supply Co. ("Elson"), 325 Locust, St. Louis, Mo.

Locks (Chest)

See Locks, Cabinet

7537— Locks (Cigar Box)

Eagle Lock Co., Terryville, Conn.

Locks (Clothes Locker)

See Locks, Locker

Locks (Cupboard)

See Locks, Cabinet

Locks (Cylinder)

See Locks, Cabinet

Locks (Desk)

See Locks, Cabinet

7538— Locks (Dog Collar)

Buchheimer Geo. H., 1004 Rutland av, Baltimore, Md.
Corbin Cabinet Lock Co. (Padlock, etc), New Britain, Conn.
Huebel Mfg. Co., 103 Monroe, Newark, N. J.
Miller J. B. Keyless Lock Co. ("J. B. Miller's" Keyless), Kent, O.
Union Hardware Co., Torrington, Conn.

Locks (Drawer)

See Locks. Cabinet

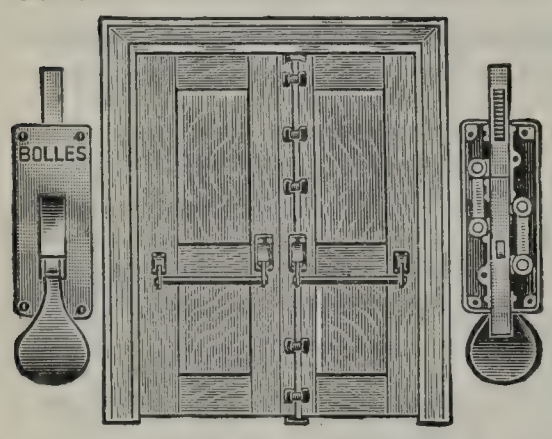
7539—Locks (Elevator Door)

See also Elevator Safety Locks

Chisholm-Moore Mfg. Co. ("Moore's" Reversible Square), 5046 Lakeside, Cleveland, O.
Sargent & Greenleaf Co., Rochester, N. Y.

7540—Locks (Emergency Exit Door)

Bolles Wm. B. P., O. Box 600, Milwaukee, Wis. *See adv index at end of book*
Clark H. Elmer & Bros. ("Clark's"), Brighton, Rochester, N. Y.
Vonnegut Hardware Co. ("Von Duprin"), Indianapolis, Ind.



Patents applied for.

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A splendid double action locking device of famous reputation. Improved construction, strong, practical and economical. Operated easily from indoors with either a push bar or plate. Made entirely of perfect castings by a patented process. Will not corrode; reinforced throughout. Will not be picked or forced. Cannot lock unless in position to unlock. Lock casing 2½" x 6¼". Length of rods to fit any door. Can be operated from outdoors with a key. Guaranteed applicable to wood and hollow metal doors. Weight seven pounds. Plate lock complete as shown, $7.00 f. o. b. Milwaukee, Wisconsin. **WILLIAM B. BOLLES**
P. O. Box 600 Milwaukee, Wisconsin

7541-2—Locks (Hasp)

Allith-Prouty Co. ("Prouty"), Danville, Ill.
Slaymaker Lock Co., Lancaster, Pa.

Locks (Jail)

See Locks & Locking Devices, Prison Cell

Locks (Jewel Case)

See Locks, Cabinet

7543-4—Locks (Keyless)

American Keyless Lock Co. ("No-Key" Padlock), 619 W Jackson, Chicago, Ill.
Keyless Lock Co., Indianapolis, Ind.
Miller J. B. Keyless Lock Co. ("J. B. Miller's" Keyless), Kent, O.
Miller Lock Co., 4523 Tacony, Phila., Pa.

7545—Locks (Lamp)

(For Locking Incandescent Lamps in Socket)

GENERAL ELECTRIC CO. (Locking Socket), Schenectady, N. Y.
See adv index at end of book
McGill Mfg. Co. ("Protector"), 77 Oak, Valparaiso, Ind.
See adv index at end of book

7546—Locks (Lavatory or Toilet)

Venn-Severin Machine Co. ("Coin-Key" Coin Operated), 1317 W North, Chicago, Ill.

7547—Locks (Locker)

Corbin Cabinet Lock Co., New Britain, Conn.
Eagle Lock Co., Terryville, Conn.
Medart Fred Mfg. Co., DeKalb & Potomac, St. Louis, Mo.
See adv index at end of book
Miller J. B. Keyless Lock Co., Kent, O.
Miller Lock Co., 4523 Tacony, Phila., Pa.
Sargent & Greenleaf Co., Rochester, N. Y.
Slaymaker Lock Co., Lancaster, Pa.
Yale & Towne Mfg. Co., 9 E 40th, New York

7548—Locks (Net)

Speare's Alden Sons Co. ("Yates" for Laundries), Cambridge, Mass.

Locks (Night Latches)

See Latches, Night

Locks (Oar)

See Row-Locks

7549—Locks (Padlock)

American Keyless Lock Co. ("No-Key" Keyless), 619 W Jackson, Chicago, Ill.
Ames Sword Co. ("Perfection"), Chicopee, Mass.
Bohannan Wilson, 760 Lexington av. Brooklyn, N. Y.
Chapman W. H. Co., Middletown, Conn.
Climax Co., 275 Passaic, Newark, N. J.
Corbin Cabinet Lock Co. (Wrought & Cast). New Britain, Conn.
Dayton Mfg. Co., Dayton, Ohio
Deitz Alonzo E. (Bronze Metal), 73 Clymer. Brooklyn, N. Y.
Detroit Shipbuilding Co. (Brass Dept.), Detroit, Mich.
Eagle Lock Co., Terryville, Conn.
Edwards O. M. Co. (Brass & Steel), Syracuse, N. Y.
Excelsior Lock & Hardware Co., Lancaster, Pa.
Excelsior Plating Co. ("Secure"), Lancaster, Pa.
Ford Pulley & Hardware Co., Inc., 404 4th av, New York.
See adv index at end of book

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL REGISTER

Fraim E. T. Lock Co., Lancaster, Pa.
Gibson & Kirk Co., 217 Key Highway, Baltimore, Md.
Huebel Mfg. Co., 103 Monroe, Newark, N. J.
Junkunc Bros., 1145 W Garfield, Chicago, Ill.
Miller J. B. Keyless Lock Co., Kent, O.
Miller J. Walter Co., Lancaster, Pa.
Miller Lock Co., 4523 Tacony, Phila., Pa.
Penn Lock Works, 126 N 4th, Phila., Pa.
Romer & Co., 275 Passaic, Newark, N. J.
Russell & Erwin Mfg. Co., New Britain, Conn.
Safe Padlock & Hardware Co., Lancaster, Pa.
Sargent & Co. ("Elm City," "Aero," "Record," "Argos," "Big Bill," "Six Lever," "Pequot," "Bull Dog," "R. F. D."), New Haven, Conn.
Sargent & Greenleaf Co., Rochester, N. Y.
Slaymaker Lock Co. ("Arco," "Ark," "Box," "Blue Seal," "Conoy," "Caput," "Curfew," "Eclipse," "Emu," "Flag," "Greek," "Interlocking," "Motor," "Ne Plus Ultra," "Napoleon," "Old Oak," "Oak," "Penn," "Panama," "Rex," "Rover," "Rustless," "Secure Levers," "Six Levers," "Special," "Spring Tumbler," "S. R. S.," "Standard," "Tiny," "U. S.," "X. M. P. L. R.," "X. L. N. T.," "X. Y. Z.," "X. L.," "York," "Slaymaker," "Climax," "R. F. D.," "I. X. L.," "Steel State," "Mail," "Imperial," "Sprocket," "Crank," "Bell," "Air King," "Pioneer," "Guard," "Raven"), Lancaster, Pa.
Smith & Egge Mfg. Co. ("Giant"), Bridgeport, Conn.
Star Lock Works, 110 S 8th, Phila., Pa.
Union Hardware Co. ("Scandinavian"), Torrington, Conn.
United Lock & Hardware Co. ("Army," "Giant," "Globe," "Hart," "Hex," "Jupiter," "King," "Mars," "Monarch," "Saturn," "Samson," "Star," "Winall"), Columbia, Pa.
Yale & Towne Mfg. Co., 9 E 40th, New York

7550—Locks (Pencil Box)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book

7551—Locks (Piano & Sewing Machine)

Eagle Lock Co., Terryville, Conn.
Smith & Egge Mfg. Co., Bridgeport, Conn.

Locks (Pin Tumbler)

See Locks, Cabinet

7552—Locks (Pole)

Cutter Geo. Co., South Bend, Ind.
Line Material Co., So. Milwaukee, Wis.

7553—Locks (Post Office Box)

Eagle Lock Co., Terryville, Conn.
Federal Equipment Co., Carlisle, Pa.
Sargent & Greenleaf Co., Rochester, N. Y.

7554—Locks (Railway Signaling)

Fraim E. T. Lock Co. ("Fraim"), Lancaster, Pa.
General Railway Signal Co. (Time, Outlying Switch), Rochester, N. Y.

7555—Locks (Refrigerator)

Brainerd Mfg. Co., East Rochester, N. Y.
DENT HARDWARE CO., Fullerton, Pa.
Greene, Tweed & Co., 109 Duane, New York
Nat'l Refrigerator & Fixture Co., 8th & Park, St. Louis, Mo.
Safe Padlock & Hardware Co., Lancaster, Pa.
Tiebout W. & J., 118 Chambers, New York

7556—Locks (Safe Deposit)

Bates L. L. & Co. (Safe), 150 Portland, Boston, Mass.
Deitz Alonzo E. (Vault, Safety Deposit & Inside Safe), 73 Clymer, Brooklyn, N. Y.
Diebold Safe & Lock Co., Canton, O.
Eagle Lock Co., Terryville, Conn.
HALL'S SAFE CO., 3253 Spring Grove av, Cincinnati, O.
See adv index at end of book
Sargent & Greenleaf Co., Rochester, N. Y.
Yale & Towne Mfg. Co. (Handles & Locks), 9 E 40th, New York

7557—Locks (Sash)

Acme Supply Co. (For R. R. Cars), 28 E Jackson blvd, Chicago, Ill.
Ajax Hardware Mfg. Co., 1100 Military rd, Buffalo, N. Y.
Allith-Prouty Co. ("Prouty"), Danville, Ill.
Bradley & Farnham, Middlefield, Conn.
Brohard Co. (Stamped Steel), 3d & Lehigh, Phila., Pa.
Caldwell Mfg. Co., ("Empire") Rochester, N. Y.
CHAMPION HARDWARE CO. ("Champion," "Side," "Monitor," "Never Break" & "Wrought"), Geneva, O.
Chantrell Hardware & Tool Co., Reading, Pa.
Corbin P. & F., New Britain, Conn.
Creamer W. G. & Co. (Railway Car), 96 John, New York
Dayton Mfg. Co. ("Ardee," Sash Lock & Anti-Rattler, for Car Windows, etc), Dayton, O.
Eagle Lock Co. (Sliding, Sash, etc), Terryville, Conn.
Edwards O. M. Co. (For Car Windows), Syracuse, N. Y.
Ellis Mfg. Co. ("Sampson"), Milldale, Conn.
Enterprise Hardware Mfg. Co., Frederick, Md.
Fitch W. & E. T. Co. ("Star"), New Haven, Conn.
Gardner Sash Pulley Co. (Steel), 15 N Jefferson, Chicago, Ill.
Howard Jas. L. & Co. (For R. R. Cars), Hartford, Conn.
Ives H. B. Co., New Haven, Conn.
Lawrence Bros., Sterling, Ill.

Lockwood Mfg. Co., South Norwalk, Conn.
McCord Mfg. Co. ("Universal" for Car Windows), Detroit, Mich.
National Lock Washer Co., 65 Johnson, Newark, N. J.
National Mfg. Co. (All Steel or Solid Brass), Sterling, Ill.
Payson Mfg. Co., 2918 W Jackson blvd, Chicago, Ill.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Safe Padlock & Hardware Co., Lancaster, Pa.
Sager Lock Co., North Chicago, Ill.
Sargent & Co., New Haven, Conn.
Schroeder Bros., 902 Payne av, St. Paul, Minn.
Sharon Hardware Mfg. Co. ("Sharon" All Steel), Sharon, Pa.
Shelby Spring Hinge Co. ("Shelby" Steel & Brass or Bronze, Polished), Shelby, Ohio
Smith Frank E., Metal Window Hardware Co. ("Kantpick" & "Smith's" Adjustable), 81 Clay, Newark, N. J.
Standard Mfg. Co., Shelby, O.
Taylor & Boggis Foundry Co., Cleveland, Ohio
Technology Sales Co., Inc., 25 West B'way, New York
WESTLUND C. G. CO. ("Westlund Window"), 498 Millbury, Worcester, Mass.
Yale & Towne Mfg. Co., 9 E 40th, New York

7558—Locks (Sash, Fireproof)

Payson Mfg. Co., 2918 W Jackson blvd, Chicago, Ill.

7559—Locks (Sash, Ventilating)

Benjamin-Sellar Mfg. Co. ("Benjamin"), 559 W. Quincy, Chicago, Ill.
Bradley & Farnham ("Ellis"), Middlefield, Conn.
Brohard Co. ("Brohard"), 3rd & Lehigh, Phila., Pa.
Burgess & Norton Mfg. Co. ("Bur-Nor," "Security"), Geneva, Ill.
Climax Lock & Ventilator Co. ("Climax" & "Simplex" Automatic Ventilating), 656 Michigan av, Buffalo, N. Y.
Drouve G. Co. ("Lovell" & "Straight Push"), 40 Tulip, Bridgeport, Conn. & 180 N Dearborn, Chicago, Ill.
Harlev Burglar Proof Ventilating Sash Lock Mfg. Co., 3341 Ogden av, Chicago, Ill.
Ives H. B. Co., New Haven, Conn.
Lawson Mfg. Co. ("Matchless" Automatic Burglar Proof), 230 W Superior, Chicago, Ill.
National Mfg. Co. (Ventilating Window Lock), Sterling, Ill.
Payson Mfg. Co., 2918 W Jackson blvd, Chicago, Ill.
Racine Metal Stamping Co. ("Racine," Automatic Lock), Racine, Wis.
Technology Sales Co., Inc., ("Ventilator"), 25 West B'way, New York
Wolverine Supply & Mfg. Co. ("Wolverine"), Page & Fontella, Pittsburgh, Pa.

Locks (Sliding Door)

See [illegible] Latches, Sliding Door

7560— Locks (Slot Machine)

Miller J. B. Keyless Lock Co. ("J. B. Miller's" Keyless), Kent, O.
Sargent & Greenleaf Co., Rochester, N. Y.

7561— Locks (Stall Door)

Western Brass Mfg. Works, Marshall blvd, & W 21 st, Chicago, Ill.

Locks (Store Door)

See Locks & Knobs, Door, House, etc.

7562— Locks (Time)

Barnes Safe & Lock Co., 941 Liberty av, Pittsburgh, Pa.
Chicago Time Lock Co., 2765 St. Marys, Chicago, Ill.
Consolidated Time Lock Co., 2268 Spring Grove, Cincinnati, O.
Diebold Safe & Lock Co., Canton, O.
HALL'S SAFE CO., 3253 Spring Grove av, Cincinnati, O.
See adv index at end of book
Mosler Safe Co., Hamilton, O.
Phelps Guardant Time Lock Co. (For Time Service), 114 Liberty, New York
Sargent & Greenleaf Co., Rochester, N. Y.
Yale & Towne Mfg. Co., 9 E 40th, New York

7563—Locks (Time Recording, Electric)

Sohm Electric Co., ("Sohm"), 141 W Austin av, Chicago, Ill.

Locks (Tool Chest)

See Locks, Cabinet

7564—Locks (Trunk & Suit Case)

American Brass Novelty Co., Grand Haven, Mich.
Corbin Cabinet Lock Co., New Britain, Conn.
Eagle Lock Co., Terryville, Conn.
Excelsior Hardware Co., Stamford, Conn.
Riley, Klotz Mfg. Co., 17 Mulberry, Newark, N. J.
Star Lock Works, 110 S 8th, Phila., Pa.
Yale & Towne Mfg. Co., 9 E 40th, New York

Locks (Ventilating, Window)

See Locks, Sash, Ventilating

Locks (Wardrobe)

See Locks, Cabinet

7565—Locks & Catches (Casket)

Eagle Lock Co., Terryville, Conn.

7566—Locks & Knobs (Door, House, Etc.)

See also Hardware Manufacturers
Barrows Lock Co., Lockport, Ill.
Bohannan, Wilson, 760 Lex. av, Brooklyn, N. Y.
Bolles Wm. B., P. O. Box 600, Milwaukee, Wis. *See adv index at end of book*
Brass Goods Mfg. Co. (Refrigerator), 533 Union, Brooklyn, N. Y.
Champion Hardware Co., (Locks only), Geneva, O.
Chantrell Hardware & Tool Co., Reading, Pa.
Clark, H. Elmer & Bros. ("Clark's" Emergency Exit Door Lock), (Brighton), Rochester, N. Y.
Climax Co., 275 Passaic, Newark, N. J.
Columbia Machine Works & Malleable Iron Co. (Door Handles), Atlantic av & Chestnut, Brooklyn, N. Y.
Corbin P. & F., New Britain, Conn.
Dayton Mfg. Co., Dayton, O.
Deitz Alonzo E. (Drawer, Store Door, Padlock, etc.), 73 Clymer, Brooklyn, N. Y.
Ford Pulley & H'dwe Co. (Inc.), 404 4th av, New York.
See adv index at end of book
Gibson & Kirk Co., 217 Key Highway, Baltimore, Md.
Hall Wm. Co. (Glass Door Knobs), Quincy, Mass.
Howard Jas. L. & Co. (Car Door), Hartford, Conn.
Huebel Mfg. Co., 103 Monroe, Newark, N. J.
Keil Francis & Son, 401 E 163d, New York
Lockwood Mfg. Co., S. Norwalk, Conn.
New England Lock & Hinge Co., Winchendon, Mass.
Nock G. W. Co., 126 N 4th, Phila., Pa.
Norwalk Lock Co., South Norwalk, Conn.
Ochsner A. & Son (Automobile & Carriage), New Haven, Conn.
Peck, Stow & Wilcox Co., 2172-2732 W 3rd, Cleveland, O.
See adv index at end of book
Penn Hardware Co. (Cylinder Dead Knob), Reading, Pa.
Phoenix Lock Works, 3rd av, Newark, N. J.
Reading Hardware Co. ("Reading"), Reading, Pa.
Romer & Co., 275 Passaic, Newark, N. J.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Sargent & Greenleaf Co., Rochester, N. Y.
Schroder J. B. & Co. (Also for Asylums, Hotels, etc), 132 E 5th, Cincinnati, O.
Shelby Spring Hinge Co., Shelby, O.
Star Lock Works, 110 S 8th, Phila., Pa.
Taylor & Boggis Foundry Co., Cleveland, O.
Thomas T. & Co., 28 Mechanic, Newark, N. J.
Woodruff W. W. & Sons Co. (Carriage Door), Mount Carmel, Conn.
Yale & Towne Mfg. Co., 9 E 40th, New York

7567—Locks & Latches (Sliding Door)

Auer John, Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.
Brewer Bros. Co., 614 Filbert, Philadelphia, Pa.
Chantrell Hardware & Tool Co. ("Chantrell"), Reading, Pa.
Corbin Cabinet Lock Co., New Britain, Conn.
Corbin P. & F., New Britain, Conn.
Dayton Mfg. Co., Dayton, O.
Lane Bros. Co., Poughkeepsie, N. Y.
National Mfg. Co. ("Washburne" Latches for Sliding or Swinging Doors), Sterling Ill.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Richards-Wilcox Mfg. Co ("Richards-Wilcox"), Aurora, Ill.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Sargent & Greenleaf Co., Rochester, N. Y. nati, O.
Schroder J. B. & Co., 133 E 5th, Cincinnati, Ohio
Shimer Wm. Son & Co., (Door) Freemansburg, Pa.
Stearns E. C. & Co. (For Sliding Door), 450 Oneida, Syracuse, N. Y.
Stowell Co. The (For Elevator Doors, etc.), So. Milwaukee, Wis.
Taylor & Boggis Foundry Co., Cleveland, O.
Wagner Mfg. Co. ("Wagner," Latches), Cedar Falls, Ia.
Western Brass Mfg. Works (Iron Japanned & Brass), Marshall blvd & W 21st, Chicago, Ill.
Yale & Towne Mfg. Co., 9 E 40th, New York

7568-9-70—Locks & Locking Devices (Prison Cell)

Champion Iron Co., Kenton, O.
Climax Co., 275 Passaic, Newark, N. J.
Ham L. M. Co., 158 Portland, Boston, Mass.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Pauly Jail Building Co., 2215 De Kalb, St. Louis, Mo.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
Sargent & Greenleaf Co., Rochester, N. Y.
Schroder J B & Co., Cincinnati, O.
Stewart Iron Works Co., Covington, Ky.
Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.
Yale & Towne Mfg. Co., 9 E 40th, New York

7571—Locomotive Bell Ringers

Adreon Mfg. Co. ("Security"), Security bldg, St. Louis, Mo.
Hammett H. G. ("Trojan" Air), Troy, N. Y.
Heginbottom S. H. & Sons (Automatic), Saginaw, Mich.
Holmes Robt. & Bros. (Air & Steam), Danville, Ill.
Smedley Steam Pump Co. (Automatic), Dubuque, Iowa
United States Metallic Packing Co. (The Gollmar, 427 N 13th, Phila., Pa.
Vissering Harry & Co., 14 E Jackson blvd, Chicago, Ill.
Western Railway Equipment Co. ("Western," Pneumatic), Central Natl. Bank bldg, St. Louis, Mo.

7572—Locomotive Coaling Stations

See also Coal & Ore Handling Machinery

American Bridge Co., 30 Church, New York
Brown Hoisting Machinery Co., 4403 St. Clair, N E, Cleveland, O.
CHICAGO BRIDGE & IRON WORKS, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book
Dempcy-Degener Co., 307 4th av, Pittsburgh, Pa.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
Ogle Construction Co., 332 S Michigan av, Chicago, Ill.
PITTSBURG-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Roberts & Schaefer Co., 332 S Michigan av, Chicago, Ill.
Webster Mfg. Co., Tiffin, O.

7573—Locomotive Fire Boxes

Brennan John Co., 24th & M. C. R. R., Detroit, Mich.

7574—Locomotive Fire Kindler

Mac Leod Co., 2227 Bogen, Cincinnati, Ohio
See adv index at end of book
Railway Materials Co. ("The Ferguson", Portable), Railway Exch. bldg, Chicago, Ill.

7575—Locomotive Guide Liners

STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

7576—Locomotive Jacket Iron & Steel

American Sheet & Tin Plate Co. ("Wood's" Planished), Frick bldg, Pittsburgh, Pa.
Wood Alan Iron & Steel Co. (A. W." Cold Rolled Steel), Widener bldg., Philadelphia, Pa.
Wood J. & Bros. Co., Conshochocken, Pa.

7577— Locomotive Lagging

Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
Ehret Magnesia Mfg. Co. (Magnesia), Land Title bldg, Phila, Pa.
Franklin Mfg. Co. (Also Air Pump Cylinder Lagging), Franklin, Pa.
Johns H. W. Manville Co. ("Magnesia," "Asbestos," "Fire Felt,"), Madison av & 41st, New York
Keasbey & Mattison Co. (Magnesia & Asbestos), Ambler, Pa.
Watson H. F. Co., Erie, Pa.

7578— *Locomotive Netting

MICHIGAN WIRE CLOTH CO., 500 Howard, Detroit, Mich.
See adv index at end of book
TYLER W. S. CO., Cleveland, O.
See adv index at end of book

7579—*Locomotive Oil Cups

See also Lubricators Oil & Grease Cup

LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book

7580— Locomotive Sanders

See also Boxes, Sand

American Safety Lamp & Mine Supply Co., ("Gapp" & "Ames") Scranton, Pa.
Holden & White, Fisher bldg, Chicago, Ill.
Nathan Mfg. Co. (Steam Apparatus), 416 E 106th, New York
Newark Sand Box Co. ("De France"), Newark, O.
Railway & Traction Supply Co. ("Wyoming" Vacuum), 79 W Monroe, Chicago, Ill.
Sault Mfg. Co. ("Worcester" Compressed Air for Electric Railways), Worcester, Mass.
United States Metallic Packing Co. ("Leach," "She," "Sherbourne," 427 N 13th, Philadelphia, Pa.

7581— Locomotive Stokers

Burke Furnace Co., 223 W Austin av, Chicago, Ill.
Locomotive Stoker Co. ("Street"), Schenectady, N. Y.
Standard Stoker Co., du Pont bldg, Wilmington, Del.

7582-3— Locomotive Tiles

American Fire Brick Co., Spokane, Wash.
Ashland Fire Brick Co. (Solid & Sectional), Ashland, Ky.
Buckeye Fireclay Co., Uhrichsville, O.
Chicago Retort & Fire Brick Co., Ottawa, Ill.
Denny-Renton Clay & Coal Co., Seattle, Wash.
Denver Fire Clay Co., Denver, Colo.
Evens & Howard Fire Brick Co., 920 Market, St. Louis, Mo.
Fulton Fire Brick Co., Fulton, Mo.
Garden City Sand Co., Chamber of Commerce bldg, Chicago, Ill.
Garfield Fire Clay Co., Robinson, Pa.
Harbison-Walker Refractories Co. (All Types of Locomotive Fire Brick). Farmers' Bank bldg, Pittsburgh, Pa.
Kier Fire Brick Co., Oliver bldg, Pittsburgh, Pa. *See adv index at end of book*
Killian Fire Brick Corp., Killian, S. C.
Laclede-Christy Clay Products Co., Manchester & Sulphur av, St. Louis, Mo.
Louisville Fire Brick Works, Louisville, Ky.
Maurer Henry & Son, 420 E 23d, New York
Mutton Hollow Fire Brick Co., Woodbridge, N. J.
National Fireproofing Co., Fulton bldg, Pittsburgh, Pa.
Ostrander Fire Brick Co., Troy, N. Y.
Parker-Russell Mining & Mfg. Co., Laclede Gas Light bldg, St. Louis, Mo.
Portsmouth Refractories Co., Portsmouth, O.
Remmey Richard C. Son Co., Hedley & Del, Phila., Pa.
St. Louis Vitrified & Fire Brick Co., Wainwright bldg, St. Louis, Mo.
Stevens H. Sons Co., Macon, Ga.
Walsh Fire Clay Products Co., 4070 N Main, St. Louis, Mo.
Washington Brick, Lime & Sewer Pipe Co., Spokane, Wash.

Locomotive Valve Gear

See Gear, Locomotive Valve

7584—Locomotives (Alcohol)

Milwaukee Locomotive Mfg. Co., Ft. Belleview pl, Milwaukee, Wis.

7585—Locomotives (Compressed Air)

Porter H. K. Co., Union Bank bldg, Pittsburgh, Pa.
Vulcan Iron Works, ("Vulcan") Wilkes-Barre, Pa.

Locomotives (Contractors')

See Locomotives, Industrial & Mine

Locomotives (Dirt Road)

See Engines, Traction, Various Kinds

7586—Locomotives (Electric)

American Locomotive Co., 30 Church, New York
Atlas Car & Mfg. Co. (Direct & Alternating Current), Cleveland, O.
Baldwin Locomotive Works, 500 N Broad, Phila., Pa.
Brill J. G. Co., 62nd & Woodland av, Phila., Pa.
Davis C. K. Mfg. Co. (Storage Battery), Detroit, Mich.
Electric Car & Locomotive Corp., 165 B'way, New York.
Electric Carrier Co., 15 Park Row, New York
GENERAL ELECTRIC CO., Schenectady, New York *See adv index at end of book*
Goodman Mfg. Co., Halstead & 48 Pl, Chicago, Ill.
HUNT C. W. CO., West New Brighton, N. Y. *See adv index at end of book*
Ironton Engine Co., Ironton, O.
JEFFREY MFG. CO. (Industrial, Mine, etc), 961 N Fourth, Columbus, O.
See adv index at end of book
Lakewood Engineering Co. (Trolley or Battery), Cleveland, O.

See adv index at end of book
McGuire- Cummings Mfg. Co., Harris Trust & Savings bldg, Chicago, Ill.
Mead-Morrison Mfg. Co., Prescott & Orleans, Boston, Mass.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

7587—*Locomotives (Electric Industrial & Mine)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
HUNT C. W. CO., West New Brighton, New York *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

7588—Locomotives (Electric, Mine Haulage)

American Locomotive Co., 30 Church, New York
Atlas Car & Mfg. Co., Cleveland, O.
Baldwin Locomotive Works, 500 N Broad, Phila., Pa.
Davis C. K. Mfg. Co., Detroit, Mich.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Goodman Mfg. Co., Halsted & 48th pl, Chicago, Ill.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Morgan-Gardner Electric Co., 27th & Shields av., Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

7589-90—Locomotives (Gasoline)

Baldwin Locomotive Works, 500 N Broad, Phila., Pa.
Easton Car & Construction Co., 15 Center sq, Easton, Pa.
See adv index at end of book
Fate J. D. Co. ("Plymouth"), Plymouth, Ohio
Milwaukee Locomotive Mfg. Co., Ft. Belleview pl, Milwaukee, Wis.
Vulcan Iron Works, Wilkes-Barre, Pa.
Whitcomb Geo. D. Co. (For Mines), Rochelle, Ill.

7591—Locomotives (Geared)

Climax Mfg. Co. ("Climax"), Corry, Pa.
Davenport Locomotive Works, Davenport, Ia.
Heisler Locomotive Works, Erie, Pa.
Lima Locomotive Corp. ("Shay" Geared), 106 3rd av, Lima, O.

7592—Locomotives (Industrial & Mine)

See also Locomotives, Electric Mine Haulage

American Locomotive Co., 30 Church, New York
Atlas Car & Mfg. Co. (Electric), Cleveland, O.
Baldwin Locomotive Works, 500 N Broad, Phila., Pa.
Davenport Locomotive Works, Davenport, Ia.
Davis C. K. Mfg. Co. (Storage Battery), Detroit, Mich.
Dewey Bros., Goldsboro, N. C.
Easton Car & Construction Co., 15 Center sq, Easton, Pa.
See adv index at end of book
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
GREEN L. A. (Dealer), First Nat'l Bank bldg, Pittsburgh, Pa.
Glover Machine Works, Marietta, Ga.
Hunt C. W. Co., West New Brighton, New York *See adv index at end of book*

JEFFREY MFG. CO., (Electric), 961 N. Fourth, Columbus, O.
See adv index at end of book
Lima Locomotive Corp. ("Shay"), 106 3d, Lima, O.
MACHINERY WAREHOUSE & SALES CO,. Old Colony bldg, Chicago, Ill.
See adv index at end of book
Milwaukee Locomotive Mfg. Co. (Gasoline Mine Haulage), Ft. Belleview pl, Milwaukee, Wis.
Porter H. K. Co. (Steam & Pneumatic, Union Bank bldg, Pittsburgh, Pa.
Vulcan Iron Works, Wilkes-Barre, Pa.
Whitcomb Geo. D. Co. (Gasoline Mine), Rochelle, Ill.

7593—Locomotives (Logging)

American Locomotive Co., 30 Church, New York
Baldwin Locomotive Works, 500 N Broad, Phila., Pa.
Climax Mfg. Co. (Tramway), Corry, Pa.
Davenport Locomotive Works, Davenport, Ia.
Dilley Foundry Co., Pine Bluff, Ark.
Heisler Locomotive Works, Erie, Pa.
Kilby Car & Foundry Co., Anniston, Ala.
Lima Locomotive Corp. ("Shay" Geared & Direct Connected), 106 3rd, Lima, Ohio
Phoenix Mfg. Co., Eau Claire, Wis.
Porter H. K. Co., Union Bank bldg, Pittsburgh, Pa.

Locomotives (Pneumatic)

See Locomotives, Compressed Air

7595—Locomotives (Rebuilt)

Baldwin Locomotive Works (Repaired for Owners Only), 500 N Broad, Phila., Pa.
Birmingham Rail & Locomotive Co., Birmingham, Ala.
Dilley Geo. E. & Son, Palestine, Texas
Georgia Car & Locomotive Co., Atlanta, Ga.
Grant Locomotive & Car Works, Houston, Tex.
HOISTING MACHINERY CO., 50 Church, New York *See adv index at end of book*
Meyer Henry H. Co., 110 S Howard, Baltimore, Md. *See adv index at end of book*
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Raleigh Iron Works Co., Raleigh, N. C.
Rothfuss-Howard Iron Works, Williamsport, Pa.
Union Iron Works Co., Selma, Ala.
Warner P. B., Culloms Station, Sedamsville, Cincinnati, O.

Locomotives (Second Hand)

See Railroad Equipments, Second-Hand

7596—Locomotives (Steam Railroad)

American Locomotive Co., 30 Church, New York
Baldwin Locomotive Works, 500 N Broad, Phila., Pa.
Kilby Car & Foundry Co., Anniston, Ala.
Lima Locomotive Corp., 106 3rd, Lima, O.

7597—Locomotives (Storage Battery)

Atlas Car & Mfg. Co., Cleveland, O.
Baldwin Locomotive Wks., 500 N Broad, Phila., Pa.
Davis C. K. Mfg. Co., Detroit, Mich.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
Lakewood Engineering Co. (Single & Double Truck; also Trolley), Cleveland, O. *See adv index at end of book*
New Jersey Foundry & Machine Co. ("Delta"), 89 West, New York

Locomotives (Traction)

See Engines, Traction, Various Kinds

7598—Locomotives & Railways (Miniature)

Ingersoll Construction Co., 324 4th av, Pittsburgh, Pa.
Ives Mfg. Corp. (Toy), Bridgeport, Conn.
McGarigle Machine Co., Niagara Falls, N. Y.
Mangels Wm. F. Co. (Third Rail) 2863 West 8th Brooklyn, N. Y.
Morris E. Joy, 902 Walnut, Philadelphia, Pa.
Osborn J. K. Mfg. Co., Harrison, N. J.
Thompson L. A., Scenic Railway Co., 220 W 42d, New York
Voltamp Electric Mfg. Co. (Electric), 407 N Paca, Baltimore, Md.

7599— Log Hauls

ALLIS-CHALMERS MFG. CO. (Steam), Milwaukee, Wis.
See adv index at end of book
American Sawmill Machinery Co. ("American" Friction), Hackettstown, N. J.
Bay City Iron Co., Bay City, Mich.
Chain Belt Co., Milwaukee, Wis.
Challoner Co., Oshkosh, Wis.
Chandler & Taylor Co., Indianapolis, Ind.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Diamond Iron Works ("Diamond" Steam & Car Hauls), 2nd & 18th av N, Minneapolis, Minn.
Henderson W. K. Iron Works & Supply Co., Shreveport, La.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
Lane Mfg. Co., Montpelier, Vt.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Mecklenburg Iron Works, Charlotte, N. C.
Memphis Machine Works, Memphis, Tenn.
Parker Surry (Steam), Pinetown, N. C.
Phoenix Mfg. Co., Eau Claire, Wis.
Puget Sound Iron & Steel Works, Tacoma, Wash.
Southern Engine & Boiler Works, Jackson, Tenn.
Union Iron Works, Bangor, Me.
Webster Mfg. Co., Tiffin, O.
Wickes Bros., Saginaw, Mich.
See adv index at end of book

7600—Log Hooks Or Timber Carriers

American Logging Tool Co., Evart, Mich.
Champion Tool & Handle Co., Evart, Mich.
Columbus Handle & Hool Co., Columbus, Ind.
Gerlach Peter Co., 1712 Winter, Cleveland, O.
Ransome-Leach Co., 115 B'way, New York
Warren Axe & Tool Co., Warren, Pa.

7601— Log Jackers

Curtis & Co. Mfg. Co. ("Curtis"), 1571 Kienlen av, St. Louis, Mo.
Garland M. Co., Bay City, Mich.
Lane Mfg. Co., Montpelier, Vt.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Phoenix Mfg. Co., Eau Claire, Wis.
Wickes Bros., Saginaw, Mich.
See adv index at end of book

Log Loaders (Steam)

See Loaders, Log

Log Rollers

See Loaders, Log

7602— Log Turners

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
American Sawmill Machinery Co. ("American"), Hackettstown, N. J.
Challoner Co. ("Simonson"), Oshkosh, Wis.
Chandler & Taylor Co., Indianapolis, Ind.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Edwards Mfg. Co. ("Duplex"), Laceyville, Pa.
Filer & Stowell Co., Milwaukee, Wis.
Garland M. Co., Bay City, Mich.
Lane Mfg. Co., Montpelier, Vt.
Memphis Machine Works, Memphis, Tenn.
Moltz Jacob J., Williamsport, Pa.
Phoenix Mfg. Co. ("Hills"), Eau Claire, Wis.
Southern Engine & Boiler Works, Jackson, Tenn.
Trumbull Mfg. Co., Warren, O.
Wheland Co., Chattanooga, Tenn.
Wickes Bros., Saginaw, Mich.
See adv index at end of book

7603— Loggers' Supplies

Broderick & Bascom Loggers' Supply Co., 623 Western av, Seattle, Wash.

Logging by Steam

See Cableways, Wire Rope; also Log Hauls; also Engines, Logging

7603a— Logs (Engine)

Cummings Ship Instrument Works ("Cummings") 110 High, Boston, Mass.

7604— Logs (Gas)

Backus Corp. ("Backus"), 40 Kilby, Boston, Mass.
Cassel Jacob C., 2347 N 7th, Philadelphia, Pa.
Crane Wm. M. Co. ("Vulcan"), 16 W 32d, New York
Galloway Terra Cotta Co. (Terra Cotta), 2200 Walnut, Phila., Pa.
Hansen Otto E., Perth Amboy, N. J.
JACKSON EDWIN A. & BRO., INC., 50 Beekman, New York
See adv index at end of book
McLain L. H. Co., 929 Cleveland av, S. W., Canton, O.
Marietta Rustic Co., Williamstown, W. Va.
Mead Gas Heater Co., Delawanna, N. J.
Penn Burner & Plating Co. (Inc.), 214 W Ohio, N. S., Pittsburgh, Pa.
Stover Mfg. Co., Freeport, Ill.
Strait & Richards (Inc.), Newark, N. J.
Superior Mfg. Co., Pittsburgh, Pa.
Wadsworth-Adelson Browning Co., 6024 Euclid av, Cleveland, O.

7605— Logs (Liquor)

Bryson City Pump Works Co., (Pitch Pine,) Bryson City, N. C.
Wood's G. R. Sons Co., Sheffield, Pa.

7606— Logs (Ship)

Bliss John & Co., 128 Front, New York
Cummings Ship Instrument Works, ("Cummings" Engine), 110 High, Boston, Mass.
Durkee Chas. D. & Co. (Taffrail), 2 South, New York
Hand John & Sons Co. (Taffrail), 222 Walnut, Phila., Pa.
Merrill's R. Sons, 66 South, New York
Negus T. S. & J. D., 140 Water, New York
Nicholson Ship Log & Realty Co., 409 Superior, N. W., Cleveland, O.
Schuette Recording Compass Co., Manitowoc, Wis.

7607—Loops (Brass, For Top Straps)

HENDRYX ANDREW B. CO., New Haven, Conn. *See adv index at end of book*
Medina Stamping & Machine Co., Medina, N. Y.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book

7608— Loops (Cross Strap)

Searls Mfg. Co., 29 Mulberry, Newark, N. J.

7609— Loops (Hame)

Frazer & Jones Co. (Inside), Syracuse, N. Y.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
North & Judd Mfg. Co. ("Anchor Brand" Bottom), New Britain, Conn.
Schartow Mfg. Co., Milwaukee, Wis.

7610— Loops (Hold-Back)

Searls Mfg. Co., 29 Mulberry, Newark, N.J.

7611— Loops (Leather)

Higgin Mfg. Co., Newport, Ky.
Monarch Carriage Goods Co. ("Buckle"), Cincinnati, O.

7611a— *Loose Devices

Newman Mfg. Co., 717 Sycamore, Cincinnati, O. *See adv index at end of book*

7612-3—Loose Leaf Devices

American Loose Leaf Mfg. Co., 121 N Green, Chicago, Ill.
Armstrong H. J. & Co., 538 S Clark, Chicago, Ill.
Baker-Vawter Co. (Ledgers), Benton Harbor, Mich.
Barnard Geo. D. & Co., St. Louis, Mo.
Barrett Bindery Co. (Screws & Sleeves) 732 Federal, Chicago, Ill.
Benton Mfg. Co., 9 Bethune, New York
Boorum & Pease Co. ("B. & P. Standard," "Sieber & Trussell"), 109 Leonard, New York
Catalogue Equipment & Supply Co. (Covers), Allston, Boston, Mass.
Central Loose Leaf Co., Benton Harbor, Mich.
Chicago Binder & File Co. (Push Button Lock Binder "Perfect" Self-Indexing Ledger), 117 S Clinton, Chicago, Ill.
Conolly Henry Co. ("Conolly"), Rochester, N. Y.
Dahlberg Offissupply Co., Des Moines, Ia.
Dawson Binders Co., 216 N Main, St. Louis, Mo.
Dunbar Ledger & Binder Co., Minneapolis, Minn.
Feldman System Mfg. Co., Chicago, Ill.
Gerlach J. H., College Point, N. Y.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Hadley Chas. R. Co., Los Angeles.
Heinn Co. (Ledgers), 354 Florida, Milwaukee, Wis.
Hoffman H. H. & Co., 712 Federal, Chicago, Ill.
Hoppinger Co., 118 St Clair av N E, Cleveland, O.
Irving-Pitt Mfg. Co. ("1-P" Ring Binder for Loose Leaf Ledgers, etc), Kansas City, Mo.
Johnston Wm. G. Co., 429 Wood, Pittsburgh, Pa.
Kalamazoo Loose Leaf Binder Co., Kalamazoo, Mich.
Lefebure Ledger Co., Cedar Rapids, Ia.
Lloyd Wm. G. & Co., 626 S Clark, Chicago, Ill.
Loewenbach B. & Sons Co., 314 E Water, Milwaukee, Wis.
McBee Binder Co. (Binders), Athens, O.
McDonald J. S. Co. (Gravity-Lock Binder), 638 Federal, Chicago, Ill.
McKiernan Geo. F. & Co., 430 S Green, Chicago, Ill.
McMillan Book Co., Syracuse, N. Y.
Mac Gowan & Cooke Printing Co., Chattanooga, Tenn.
Mann Wm. Co., 529 Market, Phila., Pa.
Morden Mfg. Corporation (Metal Parts), Waterbury, Conn.
Moore John C. Corp., Rochester, N. Y.
National Blank Book Co., ("Saxon" Post Binder) Holyoke, Mass.
Nelson Corp. ("Banner"), 326 W Madison, Chicago, Ill.
Newman Mfg. Co., 717 Sycamore, Cincinnati, O. *See adv index at end of book*
Plew & Motter ("Verybest"), 1200 W Monroe, Chicago, Ill.
Proudfit Loose Leaf Co., Grand Rapids, Mich.
Ravenswood Office Specialties Co., Chicago, Ill.
Razall H. G. Mfg. Co. (Ledgers), 300 7th av, Milwaukee, Wis.
Richmond & Backus Co. (Ledgers), 111 Woodward av, Detroit, Mich.
Rockhill & Vietor (Loose Leaf Holders), 22 Cliff, New York
Rubel Loose Leaf Mfg. Co. 314 W Superior, Chicago, Ill.
Scott-Coppage Co., 295 Lafayette, New York
Seavey Co., Portland, Me.
Sheppard C. E. Co., Spring & Hudson, New York
Sherick Harry C., 321 Walnut, Cincinnati, Ohio
Shipman's Asa L. Sons ("Advance"), 100 Chambers, New York
Sieber Co. (Loose Leaf Systems & Improved Ofc. App.), Pierce bldg, St. Louis, Mo.
Skinner & Kennedy Stationery Co., 416 N 4th, St. Louis, Mo.
Stationers' Loose Leaf Co., Milwaukee, Wis.
Tatum Sam'l C. Co. ("Tatum"), Cincinnati, O.
Tenacity Mfg. Co. (Metal Parts), Reading, Ohio
Tengwall Co., 2954 Sheffield av, Chicago, Ill.
Triple S. Machine Co. (Metal Parts), 1013 Wellington, Chicago, Ill.
Trussell Mfg. Co. (Memo. Books, etc.), Poughkeepsie, N. Y.
Underwood Mfg. Co. (Metal Parts), 717 Sycamore, Cincinnati, O.
Van Buren Bros., 673 W. Madison, Chicago, Ill.
Well Bros. ("Empire" Ledger), 641 W Lake, Chicago, Ill.
Wiggins Jno. B. Co., 1104 S Wabash av, Chicago, Ill.
Wilson, Jones Loose Leaf Co. ("De Luxe," "Jones Improved"), 3020 Carroll av, Chicago, Ill.
Wissler A. (Self-Adjustable, Any Size), B'way & Wash av, St. Louis, Mo.

7614— *Louvres

TYLER W. S. CO., Cleveland, O.
See adv index at end of book

7615—*Lubricants (Automobile)

See also Lubricating Oils & Greases
Atlantic Refining Co., 3144 Passyunk av, Phila, Pa
Conewango Refining Co., Warren, Pa.
GULF REFINING CO., Frick bldg annex, Pittsburgh, Pa.
Tidewater Oil Co. ("Veedol"), 11 B'way, New York

Lubricants (Commutator)

See Compounds, Commutator

Lubricants (Gas Engine)

See Lubricating Oils & Greases

7616— Lubricants (Gear)

Atlantic Refining Co. (Also Shafting), 3144 Passyunk av, Phila., Pa.
Bayerson Oil Works, Erie, Pa.
Climax Refining Co., Williamson bldg, Cleveland, O.
Dixon Joseph Crucible Co., Jersey City, N. J.
Ironsides Co., Columbus, Ohio
Texas Co. ("Texaco Crater"), 17 Battery pl, New York
White & Bagley Co., Worcester, Mass.

7617—Lubricants (Graphite)

Acheson Graphite Co. ("Aquadog," "Gredag," "Oildag"), Niagara Falls, N. Y.
Acheson Oildag Co. ("Oildag"), Port Huron, Mich.
Adreon Mfg. Co. ("Campbell"), Security bldg, St. Louis, Mo.
American Oil Corp'n ("Advance" Greases), Jackson, Mich.
Cataract Refining & Mfg. Co., Buffalo, N. Y.
Climax Refining Co., Williamson bldg, Cleveland, O.
Dixon Joseph Crucible Co., Jersey City, N. J.
Federal Graphite Mills, 2639 E 79th, Cleveland, O.
Graphoil Lubricating Co. ("Graphoil"), 71 Clymer, Brooklyn, N. Y.
Harris A. W. Oil Co. ("Harris" Graphite Grease), 326 S Water, Providence, R. I.
Hollingshead R. M. Co. ("Whiz"), Camden, N. J.
Invader Oil Co. (Grease), 76 Pearl, New York
Monarch Mfg. Co. ("Graphalene" Graphite, Oil), Council Bluffs, Ia.
Strong, Carlisle & Hammond Co. ("Randall" Sheet), 336 Frankfort av, N W, Cleveland, O.
United States Graphite Co., Saginaw, Mich.
Winslow Lubricating Co. ("Graphinoil"), 608 Swan, Buffalo, N. Y.
Wolverine Lubricants Co. ("Wolf's Head"), 78 Broad, New York

7618— Lubricants (Mica)

Flota Mica Sales Co., Moffat bldg, Detroit, Mich.
Johnston Wm. T. Co. (for Hot Bearings), 3rd & Vine, Cincinnati, O.
United States Mica Mfg. Co. ("Flake" Lubricant), 14 E Jackson blvd, Chicago, Ill.
Warren Lubricant Co., 22 Maurice, Buffalo, N. Y.

7619—Lubricants (Roller Bearing)

Royersford Fdry. & Mch. Co. ("Rollerine"), Royerford, Pa.

7620—Lubricants (Solid, for Differential Gears)

Swain Lubricator Co., 443 W 37th, Chicago, Ill.

Lubricants (Wire Rope)

See Wire Rope Coating & Lubricant

7621—Lubricating Oils & Greases

ARKANSAS.

LITTLE ROCK—Gay Oil Co.

CALIFORNIA.

LOS ANGELES—Hercules Oil Refining Co.
Pacific Coast Beef & Provision Co. (Animal Oils & Greases)
Southern Refining Co. (Oils)
Union Oil Co. of Cal., Union Oil bldg
Warren & Bailey Mfg. Co. (Oils), 359 N. Main
SAN FRANCISCO—American Oil & Paint Co., 284 Perry
Capitol Refining Co., 343 Sansome
Clinch C. G. & Co., 144 Davis
Fuller W. P. & Co., 301 Main
McGuffick J. R. & Co. (Oils), 148 Stewart
Nason R. N. & Co., 151 Potrero av
New York Lubricating Oil Co., 798 Minnesota
Whittier-Coburn Co., Howard & Beale

COLORADO.

DENVER—Continental Oil Co.

CONNECTICUT.

HARTFORD—Post & Lester Co. ('Lubro Visco")
Sweet C. F. ("Mercedes," "Climax")

GEORGIA.

ATLANTA—Reed Oil Co. ("Reed" Cylinder Grease)
AUGUSTA—Peoples Oil Co.

ILLINOIS.

CHICAGO—Advance Packing & Supply Co. ("Autoleum"), 11-15 N Franklin
Ajax Lubricating Co., 108 S La Salle
Besley Chas. H. & Co. ("Helmet" Oil), 120 N Clinton. Works: Beloit, Wis.
Champion Oil Co. (Engine, Valve & Car Oils, etc), 633 W 39th
Chicago Engineer Supply Co., 68 W Lake
Collins W. P. & Co., 701 Dearborn
Columbia Lubricants Co., 1549 S Michigan
Consumers Refining Co., 76 W Monroe
Continental Oil Products Co. ("Continental"), 4053 S La Salle
Crescent Linseed Oil Works (Natural Lubricating Oils), 927 Blackhawk
Crew Levick Co., 327 W Austin
Davey & Co., 2608 Grand av

Dearborn Chemical Co., ("Fort Clyde," "Fort Dearborn," "Fort Douglass," "Fort Sheridan" & "Fort Snelling"), 332 S Michigan av
Economy Oil Co. ("Economy" & "Eaco"), 13th & Clinton
Frazer Lubricator Co. ("Frazer"), 3921 Normal av
International Oil Refining Co., 1001 S Wabash av
Inter-Ocean Oil Co., 171 N Green
Jenkins Geo. R. & Co. (Engine), Cylinder, Dynamo, Machine, Oils & Cup, Auto Greases, etc), 608 S Dearborn
Jewett & Sowers Oil Co., 20 W Jackson blvd
Keystone Oil & Mfg. Co., 111 N Market
McLean-Jones Oil & Supply Co. ("Swastika"), 40 Indian Wharf
Magie Bros., 110 S Clinton
Miller Wm. P. Co. ("Victory," "American," "Shield" & "Universal"), 2316 S Wabash av
Penn Oil Products Co., 69 E 28th
Producers' Refining Co., 156 N La Salle
Standard Oil Co., 72 W Adams
Star Oil Co., 440 N Halsted
Stuart D. A. & Co., 29 S La Salle
Sullivan Oil Co., 413 Wells
Superior Oil & Supply Co., 1748 Wilmot av
Viscosity Oil Co., 1101 W 37th
Wilson & Co., 41st & Ashland av
Winne Howard B., 714 Jackson blvd
CHICAGO HEIGHTS—Traction Lubricating Co.
QUINCY—Richardson Lubricating Co. ("Supreme," "Keystone")
SPRINGFIELD—National Refining Co.

INDIANA.

EVANSVILLE—Evansville Oil Co.
INDIANAPOLIS—Crescent Oil Co.
General Oil Works Co.
National Refining Co.
Tiona Refining Co.

IOWA.

COUNCIL BLUFFS—Monarch Mfg. Co. ("Monamoile")
MARSHALLTOWN—Marshall Oil Co. of Iowa ("Rex" Ice Oil for Railroad Signals, etc.)

KANSAS.

CHANUTE—Kansas Co-operative Refining Co. (Petroleum Products)

KENTUCKY.

COVINGTON—Standard Oil Co. (of Kentucky)
LOUISVILLE—Standard Oil Co. (of Kentucky)

MAINE.

PORTLAND—Little & Coffin Oil Co. (Oil)

MARYLAND.

BALTIMORE—American Oil Co., American bldg
Baltimore Oil Co. (Jobbers), 110 High
Bragonier A. C. & Son (Oils), 343 N Calvert
Chesapeake Oil Co., Stockholm & Peach alley
Crescent Oil Co., 602 W Pratt
Crown Oil & Wax Co., Cor. Pratt & 8th
Hook Jacob W. & C. H. & Co., 3700 Bank
Hopkins Johns Oil Co. (Cylinder & Engine Oils, etc.), Stewart bldg
Island Petroleum Co., Keyser bldg
MacNeal Jas. B. & Co. (Engine, Machine & Cylinder Oils, etc.), Warner & Wooster
National Oil Co., 8th, nr Bank
Patapsco Oil & Grease Co., 109 Cheapside
Red "C" Oil Mfg. Co., Keyser bldg.
Robinson Wm. C. & Son Co. ("Journal Compound," "Lubrautine," Grease, "Autoline" Cylinder, Engine, Spindle & Dynamo Oils, "Greoil"), 32 South
Sherwood Bros. Bank & 8th
Tiona Oil & Grease Co. (Cylinder Oils, etc), 1702 N Charles

MASSACHUSETTS.

ATLANTIC—Bosson & Lane
BOSTON—Boston Oil & Gasoline Co., 24 Piedmont
Chesterton A. W. Co. ("Autoleum" Oils & Greases), 64 India
Colonial Lubricating Oil Co., 15 Storer
Columbia Lubricants Co., 126 Massachusetts av
Crane L. M. & Co., 91 Oliver
Curry Bros. Oil Co., 253 Franklin
Eagle Oil & Supply Co. ("Eagleine"), 44 India
Economy Lubricating Co., 655 Main
Hinds & Coon, 126 Pearl
Keystone Lubricating Co., 141 Milk
McLean-Jones Oil & Supply Co., 40 India Wharf
Macomber Henry S. & Co., 150 Milk
Masury-Young Co. (Wool Oils, Lubricating Greases, etc.), 196 Milk
Patterson Lubricating Co. (Oils), 114 Broad
Robinson Wm. C. & Sons Co., 43 Commercial Wharf
Underhay Oil Co., 73 Batterymarch
Vacuum Oil Co., 49 Federal
Valvoline Oil Co., 27 State
Wood W. A. Co., 373 Atlantic av
Young Frank L. Co. (Oils), 111 Purchase
CAMBRIDGE—Speare's, Alden Sons Co.
FITCHBURG—Snow Flake Axle Grease Co. ("Snow Flake")
LYNN—Huile Co. The, 152 Pleasant
NEW BEDFORD—Nye Wm. F. (Oils Only)
Robinson W. A. & Co.
PALMER—Buck E. A. & Co. (Oils)
WORCESTER—Buck E. A. & Co.
Continental Asbestos Corp. ("Spedolene"), 7 Summer
Eastern Supply Co., 2 Canterbury
White & Bagley Co. ("Royal Worcester," "Oilzum")

MICHIGAN.

DETROIT—Detroit Refining Co., Majestic bldg
Pattison Oil Co. (Oils), 27 Woodward av
White Star Refining Co., Avery & Grand Trunk Ry.
JACKSON—American Oil Corp. ("Amoilco." "Anti-Carbon")
PORT HURON—Acheson Oildag Co.
Stock G. B. Xylite Grease & Oil Co.

MINNESOTA.

MINNEAPOLIS—Climax Western Oil Co. ("Bull Dog" Brands), 2824 10th av, S
Durkee-Atwood Co. ("Rie Nie"), 711 N 3rd av
Kunz Oil Co., 12 Wilder
Nott W. S. Co. ("Imperial" Oils), 2d av N & 3d
Pure Oil Co. ("Puritan" Motor & Hard), 1st & 13th, av S.
Twin City Oil Co. (Oils & Greases), 210 N 1st
Van Tilburg Oil Co. ("Wang"), 2424 University av, S E
ST. PAUL—Cornplanter Lubricating & Oil Co. ("Diamond" & "Pioneer"), ft. Drake

MISSOURI.

KANSAS CITY—Mutual Oil Co., Interstate bldg
ST. LOUIS—Bell Oil Co. ("Liberty Bell" & "North Pole"), 115 Ferry
Crescent Oil & Supply Co. (Oils), 303 Main
Dixon Joseph Crucible Co. (of Jersey City, N. J.), Victoria bldg
Fraser Lubricator Co., 2412 S 7th
Great Western Oil Co., 803 N Levee
Jones Geo. P. & Co. (Oils), 218 N Commercial
McGuire Nat. L. Oil & Supply Co., 2924 Locust
Matthews Geo. T. & Co. (Oils), 20 S Main
Mound City Oil & Supply Co. ("M-C"), 204 N Commercial
Northrop Lubricating Oil Co., 308 N Commercial av
Pierce Oil Corp, Bank of Com. bldg
St. Louis Oil Co, 3000 N 2nd
Street J. D. & Co. ("Ruby"), 809 N 2d

NEBRASKA.

OMAHA—Nicholas L. V. Oil Co.

NEW JERSEY.

BAYONNE—Duryea Mfg. Co.
CAMDEN—Hollingshead R. M. Co. ("Whiz," "Hollingshead" Machine, Harvester, Engine, etc.)
Pittsburgh & Philadelphia Oil & Refining Co.
JERSEY CITY—Anchor Refining Co., 82 Woodroad
Dixon Joseph Crucible Co.
Frazer Lubricator Co., 179 15th
Hudson Oil & Supply Co., 49 Hudson
NEWARK—American Oil & Supply Co., 52 Lafayette
Fiske Bros. Refining Co. ("Lubroleine"), 76 Esther
National Oil & Sup. Co. ("Viscos"), 180 Frelgysen av
Pure Oil Co., 423 Passaic av
Sheppard W. S. ("Ideal"), 21 Lawrence
Wire Rope Lubricating Co., 40 Clinton
Young Orlando W. (Young's), 180 Sherman av
RAHWAY—Three-In-One Oil Co. (See New York)

NEW YORK.

ALBANY—Bleecker Wm. R. Oil Co.
Higgins Robert J.
Sinclair Refining Co. ("Four Bros.")
Wing Robert B & Son, 385 B'way
BINGHAMTON—Binghamton Oil Refining Co.
Tiona Oil Co.
BUFFALO—American Oil Product Co., 1426-30 Seneca
Buffalo Refining Co. (Cylinder & Engine Oils, Filtered Stocks & "Niagara" Grease), 77 Main
Buffalo Specialty Co. ("Home" Oil), 375 Ellicott
Cataract Refining & Mfg. Co. ("Cascade")
Commercial Oil Co., 17 Main
Enterprise Oil Co., 164 Chandler
Fails N. B. Lubricating Co., Prudential bldg
Hosmer G. A. Co., 375 Ellicott
Ideal Oil Co., 931 Clinton
Lumen Bearing Co. ("Lesoyl")
See adv index at end of book
Shining Light Mfg. Co. (Oils & Greases)
Warren Lubricant Co., 22 Mansico ("Spermo," Consistency," "Perfecto," "Sanderson")
Winslow Lubricating Co. ("Grapinhoil"), 608 Swan
CORTLAND—Cortland Specialty Co. (Oils & "Hout's" Cup Grease)

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Crane James W., 23-27 N Pier, Hamilton Ferry
Diana Oil & Grease Co. ("Marathon"), 544 Hamilton av
Miller Wm. P. Co. ("Victory," "American," "Miller's Commodore," "Shields" & "Universal"), 250 Greene
Newton A. E. & Co., 164 Prospect av

Boroughs of Manhattan and Bronx.

NEW YORK—A. L. A. Mfg. & Supply Co. ("A. L. A."), 72 Trinity pl
Albany Lubricating Co., 708 Washington
Alexander H. T. & Co. ("Grand Prix" Motor), 17 Battery pl
Belden A. G. & Co. (Importers & Exporters), 28 Burling slip
Benners E. H. Co., 32 Front
Bliven & Carrington, 29 Moore
Borne-Scrymser Co. ("Silex" & "Colonial" Greases, "Turboil" for Turbines; also Engine, Cylinder & Car Oils, "Diamond W." etc.), 80 South

NEW YORK-NEW YORK—continued
Burgmann Foeder, 26 Cortland
Chard & Howe, 250 Front
Chelsea Oil & Supply Co., 17 Battery pl *See adv index at end of book*
Clarkson & Ford Co. ("Banner"), 55 Water
Colgan Mfg. & Supply Co. ("Colgan," "Ball), 118 Maiden la
Columbia Lubricants Co. of N. Y. ("Monogram"), 116 Broad
Columbia Refining Co. ("Royal" Cup Grease, "K. A. C.," Auto), 90 West
COOK N. B. OIL CO., 148 Front
See adv index at end of book
Cook & Cokefair ("Vulcan"), 306 Pearl
Cook's Adam Sons ("Albany Grease" & Albany Cylinder Oil), 708 Washington
Corning Arthur W., 251 Front
C. P. N. CHEMICAL CO. INC. (Jobbers), 78 Reade & 231 W Huron, Chicago, Ill.
Craycroft Oil Co., 42 B'way
Dingee M. H. & Co., 254 Water
Eagle Lubricating Oil Co., 2 Stone
Efficiency Oil Corp. (Gas-Oil for Combustion Chambers), 1716 B'way
Faul Wm. J. Co. (Dealer), 133 Front
Fiske Brôs. Refining Co. ("Lubroleine"), 24 State
Frazer Lubricator Co. (Grease), 83 Murray
French Lubricating Oil Co., 400 Pearl
Gallaway G. W. ("Velocity"), 322 Pearl
Graphoil Lubricating Co. ("Graphoil"), 71 Clymer, B'klyn
Haggerty Refining Co., 50 South
Harris A. W. & Co., 73 Front
Haws Geo. A. ("Marnile," "Peerless," "Panhard"), 135 Front
Hewlett Bros., 32 Front
Hudson Oil Co., 109 Broad
Ilsley, Doubleday & Co., 229 Front
Indian Refining Co. ("Sunset," "Champion," "Havoline" Automobile Oil), 244 Madison av
Interocean Oil Co., 90 West
Invader Oil Co. ("Invader," "I. O. C."), 76 Pearl
Kanter R. J. Co. ("Horseline" & "E & K"), 647 Water
Kellogg E. H. & Co. ("Anti-Corrosine," Cylinder, Dynamo & Spindle, Oils, etc), 243 South
Kuhne-Libby Co., 51 Front
Marden, Orth & Hastings Co., 61 Broadway
Miller Frank Co., 349 W 26th
New York Lubricating Oil Co., 116 Broad
National Oil Co. (Jobbers) ("Royal"), 17 Battery pl
N. Y. & N. J. Lubricant Co. ("Non-Fluid"), 165 B'way
Oil & Grease Co. of America ("O. & G."), 261 B'way
Pennsylvania & Delaware Oil Co. (Cylinder & Engine Oils, etc), 90 West
Petroleum Products Co., 51 Front
Pigot, Sayre Co. ("Aurora"), 71 Front
Platt & Washburn Refining Co., 11 B'way
Prudential Oil Co. Inc. (Jobbers), 17 Battery pl
Quimby J. L. & Co., 278 Water
Reliance Oil & Grease Co., 50 South
Remington Arms-Union Metallic Cartridge Co. Inc. ("Remoil," "Paravaseline" for cleaning guns & revolvers), 233 B'way
Sharpe & Co. (Dealer), 97 Water
Sonneborn's L. Sons ("Amalie," All kinds of Oils & Greases), 262 Pearl
Speares Alden Sons Co., 149 B'way
Standard Oil Co. of N. J. ("Polarine"), 26 B'way, New York
Standard Oil Co. of N. Y. ("Capitol," Cylinder & "Renown," Engine Oils, Petroleum Lubricants & "Arctic" Grease, "Polarine," Oils & Greases), 555 W 25th
Stoddard Oil Co. (Jobbers), 17 Battery pl
STRONG MACHINERY & SUPPLY CO. "Strong's E-Z-EE" Slip, "Strong's" Graphite Grease), 21 Walker
See adv index at end of book
Swan Alden S. & Co., 135 Front
Swan & Finch Co. ("Atlas"), 165 B'way
Texas Co. ("Texaco"), 17 Battery pl
Three-In-One Oil Co. ("Three-in-One") 165 B'way
Tidewater Oil Co., 11 B'way
Union Excelsior Lubricating Co., 229 Front
Vacuum Oil Co. ("Mobiloil"), 61 B'way
Valvoline Oil Co. ("Valvoline," "Magnet"), 11 B'way
Warren Lubricant Co., 27 Coenties Slip
Wilburine Oil Works, 11 B'way
Winn Wm. R., 488 Cherry
Wolverine Lubricants Co. ("Wolf's Head"), 78 Broad
Woolley G. C. Co. ("Runwell" Oils), 502 E 20th
Zibell J. A. Co., 273 Water

Borough of Queens.

LONG ISLAND CITY—Pan-O-Lite Grease & Oil Co. ("Excelsior"), 298 Hancock

(End of New York City)

NIAGARA FALLS—Acheson Graphite Co. ("Acheson," Graphite & Graphite Grease)
OLEAN—Perfection Oil Co.
ROCHESTER—Hayner Norman C. Co. ("No-Set-O" Cylinder, Engine & Dynamo Oils, etc.)
Southwick Theron T. Oil Co. ("Graphite Perfecto")
Sterling Oil Co.
Union Oil Works
Vacuum Oil Co. ("Mobiloil" "Gargoyle" "Mobilubricants")
ROME—Baum's Castorine Co.
SYRACUSE—Mills C. E. Oil Co.
Syracuse Reduction & Mfg. Co. (Grease)
WATERFORD—Petroleo Co.

OHIO.

BEDFORD—Franklin Oil & Gas Co. (Cylinder & Engine Oils)
CINCINNATI—American Oil Treating & Hardening Co., Ivorydale
Cincinnati Oil Works Co., 525 Eggleston av
Evans Oil Works, 637 Elsinore
Moore Oil Co. (Solid Lubricants & Special Greases, for Jobbing Trade Only), York & McLean av
Paragon Refining Co., 3222 Beekman
Valvoline Oil Co. ("Valvoline," "Mobiloil"), 1761 Elmore Cumville
Wagner C. P. & Co. (Cylinder, Engine, Dynamo, etc), 308 Sycamore
CLEVELAND—Anchor Oil & Chemical Co. ("Anchor")
Atlas Oil Co., Rose bldg
Brooks Oil Co., C. & P. & Erie R. R.
Canfield Oil Co. (Petroleum Products)
Carran Lewis C. Co.,
Clark Fred G. Co. (Wholesale Trade Only), 1081 W 11th
Climax Refining Co. ("Velvetine"), Williamson bldg
Crown Oil Co., 804 Lakeside av, N W
Cummer Products Co., 2150 W 15th
Damascus Mfg. Co., Cassins av
Dietrichs Valve-Oleum Oil Co., 1252 W 70th
Ensign Refining Co., 10703 Quebec av, S E
Fairfax Refining Co.
Globe Refining Co. ("Globe," Solid Oil), 934 Rose bldg
Great Western Oil Co. (Auto & Engine Oils, etc.), 2846 E 37th
Kingsley H. B. ("Sealine" Oils & Cup Greases), 325 St. Clair av, N W
Manufacturers' Oil & Grease Co., Century bldg
Mohawk Refining Co., 1131 W 11th
Monitor Oil Co. (Oils & Greases)
National Refining Co. (Petroleum Products)
Northern Chemical Co. ("Lubricene")
Phoenix Oil Co. ("R. M. C. C."), 2554 W 5th
Pioneer Mfg. Co. ("Ottomo"), Harvard av & E 103d
Plomo Specialty Mfg. Co.
Puritan Oil Co. ("Puritan," "Aero" & "Packard"), 1244 W 70th
Standard Oil Co. of Ohio ("Capitol" Cylinder, "Renown" Engine, "Eldorado" Engine, "Standard" Gas Engine, "Mobilubricant," etc)
Star Lubricating Oil Co. ("Kinsman"), 8741 B'way S E
Sterling Refining Co., 5716 Euclid av
Stevens Grease & Oil Co., E 79th & Avrina av
Tropical Paint & Oil Co. ("Cyclone" Cylinder & Engine), W 70th
Universal Lubricating Co. ("Tulle" Lubricants for Elevator Slides, Sheaves, Engine Room, etc), Schofield bldg
Visco Motor Oil Co., 2104 Superior av N W
Warren Refining Co., 9420 Meech av
Whitmore Mfg. Co. ("Whitmore's" Gear Protective Composition, "Whitmore's" Journal Oil), Iron & Erie Ry.)
COLUMBUS—Keystone Paint & Oil Co. (Oils)
Ohio Cities Gas Co. (Oil Refiners)
Ohio Filler & Shield Co., 522 City av
EAST LIVERPOOL—Williams S. C. & Co. (Oils)
HAMILTON—Smith E. A.
LOUDONVILLE—Ohio Grease Co. ("Ohio," Cylinder Cup, Bearing & Journal Grease)
MANSFIELD—Independent Oil Co.
SIDNEY—Anderson James & Sons ("Conus" Oil Cup)
TOLEDO—Craig Oil Co.
Electric Refining Co.
Hardy & Dischinger Co.
Monarch Mfg. Co. ("Channelene" Grease), Ironville
Paragon Refining Co. (Cylinder Valve & Engine Oils & Grease & Lubricating Compounds)
Sun Co. (Engine & Cylinder Oils & Greases)

PENNSYLVANIA.

ALLENTOWN—Garnet The Co.
Gossler Oil Co. (Oils & Greases)
BRADFORD—Emery Mfg. Co. (Steam Refined Cylinder Stock)
Journal Oil Co.
Kendall Refining Co. (Steam Refined Cylinder Stocks, etc.)
CHESTER—Manufacturers' Paraffine Co.
CLARENDON—Clarendon Refining Co.
EMLENTON—Emlenton Refining Co. (Cylinder Engine, Spindle, Dynamo, etc.)
Sterling Oil Co.
ERIE—Bayerson Oil Works ("Autocrat" "Paroline," Motor Oil & Greases)
Erie Oil Co.
Penn. Oil Co.
Union Oil Works
United Oil Mfg. Co.
FERNWOOD—Modoc Company ("Modoc" Journal Lubricant & Gear Grease)
FRANKLIN — Galena Signal Oil Co. (Coach, Engine & Car Oils, "Perfection" Valve & Signal Oils)
Foco Oil Co. (Jobbers)
Marwin Mfg. Co. (Ltd.), (Autolene)
FREEDOM Freedom Oil Works Co. (Refiners of Machinery Oils, etc)
NORTH CLARENDON—Smith Levi
OIL CITY—Continental Refining Co.
Crystal Oil Works (Railroad Oils a Specialty
EMPIRE OIL WORKS (Cylinder & Machy. Oils)
Independent Refining Co. Ltd. (Engine Dynamo Oils, etc.)
Oil City Oil & Grease Co.
Penn. American Refining Co. (Cylinder, Spindle, Engine, Valve Oils Only, etc.)
Penn. Oil & Supply Co. Ltd, (Petroleum Lubricants)
PHILADELPHIA—Atlantic Refining Co. (Engine, Cylinder, etc), 3144 Passyunk av
Benson W. T. & Co., 232 W. Front
Borne, Scrymser Co., Lafayette bldg
Brown D. P. & Co. (Oils & Greases, Jobbers), 264 N 4th
Commercial Lubricating Co. ("Lubriko"), cor Meadow & Jackson
Crew, Levick Co. ("Crew, Levick" Automobile Oils), Land Title bldg
Houghton E. F. & Co. ("Cosmolubric" Oil, "Vim" Cylinder Oils, Lubricating Greases, etc), 240 W Somerset
Hulburt C. & Co., 240 Arch
Keystone Lubricating Co. ("Keystone" Greases & Compounds & Belt Greases), 21st & Lippincott
Loos & Dilworth, 134 S Front
Murray & Murray, 219 Quarry

Penn. Petroleum & Supply Co. ("Primus"), 115 N 2d
Philadelphia Grease Mfg. Co., 848 S Swanson
Pure Oil Co. ("Puro" Oils), Lafayette bldg
Quaker City Supply Co., Land Title bldg
Richards G. Whitfield, 1732 Carlton
Skipton Valentine Co., 221 Arch
Smith Chas. K. & Co., 123 Arch
Stevenson Bro. & Co., 110 Race
Sun Co. (Petroleum Lubricants), Finance bldg
Sunlight Oil & Gasoline Co. (Cylinder & Lubricating Oils), 49th & Gray's av
Union Petroleum Co. (Cylinder, Engine, Dynamo, Wool & Cordage Oils, Automobile, Motor Boat & Gasoline Engine Lubricants, etc), Widener bldg
Walton F. S. Co. ("Zorozo," Grease, etc), Orthodox & Dela
Zurn O. F. Co. ("Peerless," "American," "Detroit" Grease, etc), Broad & Lehigh av

PITTSBURGH—Duquense Oil & Supply Co., 3300 Smallman
Eagle Lubricating Oil Co., 226 1st av
Guffey J. M. Petroleum Co., Frick Annex
Gulf Refining Co. (Petroleum Products), Frick bldg, Annex
Hamel J. J. & Co., Union Bank bldg
Miller's A. D. Sons Co. (Cylinder, Engine & Dynamo Oils & Cup, Journal, Belt & Sponge Greases), Columbus & Preble
Penna Lubricating Co., 34th & A. V. Ry.
Pittsburgh Oil Refining Co. (Cylinder, Spindle, etc)
Sun Co., 27th & Smallman
WAVERLY OIL WORKS CO. (Engine & Cylinder Oils)

READING—Ellis & Cummings Oil Works
SCRANTON—Maloney Oil & Mfg. Co.
TITUSVILLE—American Oil Works (Ltd.)
Frank Oil Co. (Oils)
Harris Oil & Grease Works (Gas Engine Cylinder Oils, etc)
Pennsylvania Paraffine Works
WARREN—Clarendon Refining Co.
Conewango Refining Co.
Cornplanter Refining Co. (Wholesale Oils)
Seneca Oil Works (Cylinder & Machinery Oils)
United Refining Co. (Oils)
Warren Refining Co. (Cylinder, Engine, etc)
Warren Oil Co.
Wilburine Oil Works (Ltd.), (Petroleum Lubricants)

RHODE ISLAND.

PAWTUCKET—Edmands Arthur B. Co. ("Crystalized Oil"), 180 Main
PROVIDENCE—American Oil Co., 180 S Water
American Supply Co., 135 Washington
Bush Chas. S. Co. (Oils & Greases), 260 Weybosset
Harris A. W. Oil Co. ("Harris"), 326 S Water
Phetteplace Oil Co., 334 S Water

TEXAS.

DALLAS—Armstrong Packing Co.
Dallas Oil & Refining Co.
HOUSTON—Bonner Oil Co.
Gulf Refining Co.
Lone Star Oil Co.
Texas Co.
TEXAS CITY—Pierce-Fordyce Oil Ass'n (Petroleum Products)

WASHINGTON.

SEATTLE—Pacific Lubricating Co.
Sea Board Oil Co

WEST VIRGINIA.

PARKERSBURG—Zero Oil Co.

WISCONSIN.

BELOIT—Besly Chas. H. & Co. (See Chicago, Ill.)
MILWAUKEE—Campbell J. M., 54 2nd
Delaney Oil Co., 47 3rd
Halsted W. D. Oil Co., 320 E Water
Hormeister Leo Co., Forest Hill & Hofmeister av
Independent Oil & Grease Co., 291 S Water
Kramer W. J. Oil Co., 214 Reed
Layton Park Oil & Soap Co., 29th & Forest Home avs
Magie E. E. Specialty Mfg. Co., 268 S Water
Peters Oil & Compound Co. (Oils & Greases), 356 Clinton
Wadham's Oil Co. ("Badger" & "600 K" Cylinder), Nat'l Bank bldg
OSHKOSH—Stroud-Doyle Co.
RACINE—Johnson S C & Son (Automobile)
WAUKESHA—Kent Lubricating Co.

7622—Lubricators (Air Brake)

Emery Pneumatic Lubricator Co., 1932 N B'way, St. Louis, Mo.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Michigan Lubricator Co., Detroit, Mich.
Nathan Mfg. Co., 416 E 106th, New York
Powell Wm. Co., Cincinnati, O.

7623—*Lubricators (Air Compressor)

See also Lubricators, Oil & Grease Cup; also Lubricators, Gas Engine

LUNKENHEIMER CO. ("Banner," "Emblem," "Hercules" & Premier"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book

NUGENT, WM. W. & CO.,
146 W. Superior, Chicago, Ill.
See adv index at end of book

7624—*Lubricators (Automobile)

See also Lubricators, Oil & Grease Cup; also Lubricators Force Feed

Burns & Bassick Co. Div. of The Bassick Co., Bridgeport, Conn.
Cleveland Machy. & Supply Co., Cleveland Nat'l Bank bldg, Cleveland, O.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

7625— Lubricators (Candle)

For Shafting & Loose Pulleys, etc)

Detroit Lubricator Co., Detroit, Mich.
Faul Wm. J. Co. ("Positive"), 133 Front, New York
Swain Lubricator Co., 443 W 37th, Chicago, Ill.

7626—Lubricators (Car Journal)

Armstrong Oiler Co., Commonwealth Trust bldg, Phila., Pa.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Swain Lubricator Co., 443 W 37th, Chicago, Ill.

7627—*Lubricators (Electric Motor)

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

7628—Lubricators (Elevator Guide)

Elevator Supplies Co. ("E. S."), Hoboken, N. J.
Swain Lubricator Co., 443 W 37th, Chicago, Ill.

7629-30—Lubricators (Engine, Brass, Etc.)

See also Lubricators, Various Kinds

American Injector Co., Detroit, Mich.
American Lubricator Co. ("Improved," "Perfection," "Reliable," "Crescent," "Keystone"), Summit & Wabash Ry., Detroit, Mich.
Detroit Lubricator Co. ("Detroit"), Detroit, Mich.
LUNKENHEIMER CO. ("Senior," "Junior," "Major," "Colonel," "Graphite"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Manzel Bros Co., 315 Babcock, Buffalo, N. Y.
Michigan Lubricator Co. ("Michigan," Sight Feed, Gas, Gasoline & Steam-Engine, Air Compressor, Steam Pump), Detroit, Mich.
Nathan Mfg. Co. ("Max," "Le Laval," Sight-Feed), 416 E 106th, New York

NUGENT, WM. W. & CO.,
146 W. Superior, Chicago, Ill.
See adv index at end of book

Ohio Injector Co. ("Chicago"), Wadsworth, O.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Penberthy Injector Co. ("Penberthy"), 346 Holden av, Detroit, Mich.
Powell Wm. Co. ("Boson," "Middy," "Viking," "Vakum," "Trident," "Corsair," "Neptune," "Nestor," "Nymph," "Viduet," "Vitray"), Cincinnati, O.
Sherman H. B. Mfg. Co., Battle Creek, Mich.
Sherwood Mfg. Co., 1709 Elmwood, Buffalo, N. Y.
Williams D. T. Valve Co. ("Worthy," "Wonder"), Cincinnati, O.

7631—Lubricators (Force Feed)

Biddison Mfg. Co., Madison, Wis.
Commonwealth Brass Wks., Detroit, Mich.
Detroit Lubricator Co. ("Detroit"), Detroit, Mich.
Greene, Tweed & Co. ("Multiplus" & "Rochester" Automatic), 109 Duane, New York
Hills-McCanna Co., 153 W Kinzie, Chicago, Ill.
Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill.
See adv index at end of book
Interstate Machine Products Co., Rochester, N. Y.
Lonergan J. E. Co. ("Keystone," Hand), 211 Race, Phila., Pa.

LUNKENHEIMER CO. ("Marvel," "Imperial," "Invincible," "Alpha," "Universal"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McCord Mfg. Co. ("McCord" Motors, Engines, Pumps, etc.), Detroit, Mich.
Madison-Kipp Lubricator Co. ("Kip" Valveless), Madison, Wis.
Manzel Bros. Co., 315 Babcock, Buffalo, N. Y.

NUGENT, WM. W. & CO.,
146 W. Superior, Chicago, Ill.
See adv index at end of book

Powell Wm. Co., Cincinnati, O.
Richardson-Phenix Co. ("Richardson," "Phenix"), 122 Reservoir av, Milwaukee, Wis.
Richmond Pressed Metal Works, Inc. ("Dake"), Stockton & 6th, Richmond, Va.
Sherwood Mfg. Co. ("Hart" Mechanical Oil Pumps for Traction Engines, Road Rollers, Drop Hammers, etc.), 1709 Elmwood, Buffalo, N. Y.
Swain Lubricator Co., 443 W 37th, Chicago, Ill.

7632—Lubricators (Graphite)

American Safety Lamp & Mine Supply Co. ("Watres"), Scranton, Pa.
LUNKENHEIMER CO. ("Graphite"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
National Graphite Lubricator Co., Scranton, Pa.
Randall Graphite Sheet Lubricator Co. ("Randall" Graphite Sheet), 816 W Lake, Chicago, Ill.
Strong, Carlisle & Hammond Co. ("Randall," Sheet), 336-344 Frankfort av, N. W. Cleveland, O.
Swain Lubricator Co., 443 W 37th Chicago, Ill.

Lubricators (Grease & Oil Cup)

See Lubricators, Oil & Grease Cup

7633—Lubricators (Locomotive)

Crescent Mfg. Co. ("Lackawanna"), Scottdale, Pa.
Detroit Lubricator Co. ("Detroit" Bullseye Pattern), Detroit, Mich.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McCord & Co. ("McCord," Force Feed), 122 S Michigan av, Chicago, Ill.
McNab & Harlin Mfg. Co., 55 John, New York
Michigan Lubricator Co. ("Stationary"), Detroit, Mich.
Nathan Mfg. Co. ("Nathan," Double & Triple Sight-Feed & "Bull's Eye"), 416 E 106th, New York
Ohio Injector Co. ("Chicago"), Wadsworth, O.
Powell Wm. Co. ("Star Duplex"), Cincinnati, O.
Richardson-Phenix Co. ("Richardson" Force Feed), 122 Reservoir av, Milwaukee, Wis.
Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.
Williams D. T. Valve Co., Cincinnati, O.

7634— Lubricators (Locomotive Box)

Venango Mfg. Co., Franklin, Pa.

Lubricators (Loose Pulley)

See Oilers, Loose Pulley

7635—Lubricators (Multiple Oiling)

Commonwealth Brass Wks., Detroit, Mich.
Detroit Lubricator Co., Detroit, Mich.
Essex G. B. Brass Co. ("Standard"), Detroit, Mich.
Hall Mfg. Co. ("Bartow"), Harrison, N. J.
Hussey Drop Forge & Mfg. Co., Cleveland, O.
Lonergan J. E. Co., 211 Race, Phila., Pa.
LUNKENHEIMER CO., ("Paragon Duplex," "Paragon Triplex," "Marvel" & "Invincible"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Michigan Lubricator Co., Detroit, Mich.
Nathan Mfg. Co., 416 E 106th, New York

NUGENT, WM. W. & CO.,
146 W. Superior, Chicago, Ill.
See adv index at end of book

Powell Wm. Co., Cincinnati, O.
Richardson-Phenix Co. ("Richardson"), 122 Reservoir av, Milwaukee, Wis.
Sherwood Manufacturing Co., 1709 Elmwood, Buffalo, N. Y.
Star Brass Mfg. Co. ("Star"), 108 E. Dedham, Boston, Mass.

7636—Lubricators (Oil Pump)

American Injector Co., Detroit, Mich.
American Lubricator Co. ("Ideal" Glass Body & "Superior," all Brass), Summit & Wabash Ry, Detroit, Mich.
Burt Mfg. Co., 40 Main, Akron, O.
Cincinnati Lubricant Pump Co. ("Fulflo"), Cincinnati, O.
Detroit Shipbuilding Co., Detroit, Mich.
Essex G. B. Brass Co., Detroit, Mich.
Fulflo Pump Co., 128 Opera pl, Cincinnati, O.
Greene, Tweed & Co., 109 Duane, New York
Hills, McCanna Co., 103 W Kinzie, Chicago, Ill.
Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill. *See adv index at end of book*
Jarecki Mfg. Co., Erie, Pa., & Pittsburgh, Pa.
Lonergan J. E. Co. ("Calumet & Hecla" Pattern, etc.), 211 Race, Phila., Pa.
LUNKENHEIMER CO. ("Alpha," "Universal," "Marvel," "Imperial" & "Invincible"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McCullough Mfg. Co., 2632 Central av, N E Minneapolis, Minn.
Madison-Kipp Lubricator Co. ("Kipp" Valveless), Madison, Wis.
Manzel Bros. Co. ("Manzel" Sight Feed Automatic), 315 Babcock, Buffalo, N.Y.
Michigan Lubricator Co. ("Michigan"), Detroit, Mich.
Nathan Mfg. Co. (Hand Cylinder, etc.), 416 E 10th, New York

NUGENT, WM. W. & CO.,
146 W. Superior, Chicago, Ill.
See adv index at end of book

Pedersen Lubricator Co., 636 First av, New York
Penberthy Injector Co., 346 Holden av, Detroit, Mich.
Powell Wm. Co. ("Cadet," "Pennant," "Beacon"), Cincinnati, O.
Richardson-Phenix Co. ("Richardson" & "Phenix"), 122 Reservoir av, Milwaukee, Wis.
Sherwood Mfg. Co. ("Buffalo," "Felthousen" Cylinder, "Mechanical" & "Hart" Mechanical Sight Feed), 1709 Elmwood, Buffalo, N. Y.
Stahl Mfg. Co. ("Stahl's" Conical Base Grease Cups), 983 17th av, S E Minneapolis, Minn.
Star Brass Mfg. Co. ("Thompson"), 108 E. Dedham, Boston, Mass.
Tokheim Mfg. Co., Cedar Rapids, Ia.
Williams D. T., Valve Co. ("Walrus"), Cincinnati, O.

7637—Lubricators (Oil & Grease Cup)

Agnes Raymond C. Co., Burlington, Wis.
Albany Lubricating Co. (Grease Cups Only), 708 Washington, New York
Allen W. D. Mfg. Co., 566 W Lake, Chicago, Ill.
American Injector Co. (Glass Oil Cups, Brass Grease Cups; also Compression Grease Cups, Moon Automatic), Detroit, Mich.
American Lubricator Co. ("Pearl," "Banner," "Bessemer," "Admiral," "Acme," "Navy," "Model," Glass Body for Oil, "Lion," "Challenge," "Art," all Brass for Grease), Summit & Wabash Ry., Detroit, Mich.
American Pin Co. ("Ampinco"), Waterbury, Conn.
American Stamping Co., Battle Creek, Mich.
Anderson James & Sons ("Conus" Oil Cups), Sidney, O.
Bay State Stamping Co. ("Bennett Handy") 380 Chandler, Worcester, Mass.
Besly Chas. H. & Co. ("Bonanza Badger" & "Helmet"), 120 N Clinton, Chicago, Ill.
Black Warren G. Oil Co. ("Knight Brands"), Century bldg, Cleveland, O.
Bowen Products Corp., Auburn Div. ("Empress" Line of Brass & Steel Grease Cups; Plain Compression, Plain Leather Packed, Ratchet Compression, Marine Compression, Spring Compression, Funnel Shafting Cups), 357 Canal, Auburn, N. Y.
Buckeye Churn Co. ("Conus" Oil Cup), Sidney, O.
Buckeye Iron & Brass Works (Oil Cups Only), Dayton, O.
Buffalo Metal Goods Co. ("Emerson" Automatic), 196 Winchester av, Buffalo, N. Y.
Bushnell John S. & Co. ("McKenzie"), 146 Liberty, New York
Byrne, Kingston & Co. ("Kingston"), Kokomo, Ind.
City Iron Works & Machine Co. (Grease), 522 S Delaware av, Phila., Pa.
COLONIAL SUPPLY CO., 217 Water, Pittsburgh, Pa.
See adv index at end of book
Crane Co., Est. 1855 (Brass & Copper), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Crane Co., Bridgeport, Conn.
Crescent Mfg. Co. ("Lackawanna" Automatic Grease Cups Only), Scottdale, Pa.
Crescent Oil & Supply Co. ("Babcock & Kelley"), 303 Main, St. Louis, Mo.
Detroit Lubricator Co. ("Detroit"), Detroit, Mich.
Detroit Shipbuilding Co. (Brass "McCoy," "Erie," "Huron," "Majestic," "Quaker," "Kirby," "Perfection," "Superior," "Eagle" & "Mutual"), Detroit, Mich.
Dielmore Valve Co. ("Newcombe" Grease Cups & Plugs), Tacoma, Wash.
Edelmann E & Co., 341 E Ohio, Chicago, Ill.
Edna Brass Mfg. Co. (Oil Cups Only), Cincinnati, O.
Essex G. B. Brass Co., Detroit, Mich.
Fanner Mfg. Co. (Grease Cups), Cleveland, Ohio
French H. P. Co., Inc., 320 B'way, New York *See adv index at end of book*
Gits Bros. Mfg. & Specailty Co. ("Gits" Spring Hinge Oil Cups), 555 W Monroe, Chicago, Ill.
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
Hall Mfg. Co. ("Hall's"), Harrison, N. J.
Hamilton & De Loss (Inc.), Bridgeport, Conn.
Hancock Mfg. Co., Charlotte, Mich.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Haydenville Co., Haydenville, Mass.
Henry Mfg. & Grease Cup Co. ("Henry" Grease Cups), Terre Haute, Ind.
Hunter Pressed Steel Co. (Compressed Air Grease Cups), cor Orthodox & Horrocks, Philadelphia, Pa.
Kelly & Jones Co. (Brass), 135 Water, Pittsburgh, Pa.
Kinsey & Mahler Co., Peoria, Ill.
Lindholm Metal Stamping Co. ("McKee," "Lindholm," "Jacobs," "Vale," "Camden," "Madiera," "Joseph" Drawn Metal Grease Cups), Camden, N. J.
Lonergan Jas. E. Co., 211 Race, Phila., Pa.
LUNKENHEIMER CO. ("Cardinal," "Pioneer," "Victor," "Sentinel," "Crown," "Reserve," "Royal," "Miami," "Champion," "Acorn," & "Hawk" Oil Cups: "Ideal," "Lion," "Jewell," "Marine," "Tiger," "Gem," "Surety," "Positive," "Rex," "Apollo," "Lock," "Mite," "Owl," "Guard," "Grip," "Reliance," "Atlas," "Majestic," "Checklock," "Primo," "Ferro," "Wingo," "Securo," Grease Cups), Executive Offices & Factories: Waverly & Beekman, Cincinnati, O. *See adv index at end of book*
McNab & Harlin Mfg. Co. ("Stauffer," Grease Cups, etc), 55 John, New York
McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.
See adv index at end of book
MERCHANT & EVANS CO. ("M. & E." Automobile Grease Cups), 2035 Washington av, Phila., Pa.
See adv index at end of book
Michigan Lubricator Co. ("Michigan," "Common Sense," "Improved Common Sense," Spring Compression, Improved Spring Compression, Loose Wire Crank Pin, "Reliable Plain"), Detroit, Mich.
Milwaukee Valve Co. (Plain Brass Grease Cups), 139 Burrell, Milwaukee, Wis.
NASON MFG. CO. (Jobbers), 71 Fulton, New York *See adv index at end of book*
Nathan Mfg. Co. ("Dreyfus"), 416 E 106th, New York
National Brass Mfg. Co., Rochester, N. Y.
Nunn Brass Works (Inc.), Rochester, N. Y.
Ohio Injector Co. ("Chicago"), Wadsworth, Ohio
Pedersen Lubricator Co., 636 First av, New York
Penberthy Injector Co. ("Penberthy," "Samson," "Saturn," "Silex," "Spring Lock"), 346 Holden av, Detroit, Mich.
Perkes Charles (Est of), 627 Arch, Phila., Pa.

Pioneer Brass Works, Indianapolis, Ind.
Powell Wm. Co. ("Parole," "Petrel," "Pilgrim," "Phoenix," "Planet," "Pinnacle," "Pointer," "Pluto," "Picket," "Puritan," "Polaris," "Penguin," "Signal" Oil Cups & "Coin," "Renown," "Bruno," "Bear," "Colonial," "Progress," "Popular," "Tiny," "Heather," "Thistle," "Sterling" Compression Grease Cups, "Mecca," "Mascot," "Mogul," "Mikado," Grease Cups, "Powell" Brass Oil Cups, "Mac," "Consort," "Vanguard"), Cincinnati, O.
Queen City Brass & Iron Works (Brass), Cincinnati, O.
Rich Mfg. Co., 370 Atlantic av, Boston, Mass.
Scott J. E. Corp. Co., Columbus, O.
Sherman H. B. Mfg. Co. ("Premium," "Active" Brass), Battle Creek, Mich.
Sherwood Mfg. Co. ("Buffalo," "Niagara" & "Sherwood"), 1709 Elmwood, Buffalo, N. Y.
Springfield Brass Co. (Brass), Springfield, Ohio
Stahl Mfg. Co. ("Stahl's" Conical Base Iron Brass & Steel Grease Cups), 988 17th av, S E Minneapolis, Minn.
Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.
Sterling Machine & Stamping Co. ("Sterling"), Wellington, O.
Swain Lubricator Co. ("Swain"), 443 W 37th, Chicago, Ill.
Swift Lubricator Co. ("IXL," "Sachem," "Star" & "Sancho," Glass & Brass Oil Cups & Compression Grease Cups), Elmira, N. Y.
Universal Lubricator Co. ("Philadelphia" Grease Cups), 136 Chestnut, Phila., Pa.
U. S. Metallic Packing Co., 427 N 13th, Phila., Pa.
Wadhams Oil Co. ("Wadhams" Grease Cups), Nat'l Bank bldg, Milwaukee, Wis.
Wahlstrom Tool Co. (Oil Cups), 5520 2d av, Brooklyn, N. Y.
Wilkinson W. H. Co., West Medway, Mass.
Williams D. T., Valve Co. ("Tacoma," "Tremont," "Tarrant," "Temple," "Topaz," Tandem," "Automatic Needle Valve," "Dandy," "Duke," "Duchess," "Dragon," "Diamond," "Dakota," "Terrier," "Trophy," "Derby," "Diana," "Dwarf" & "Dixie"), Cincinnati, O.
Winkley Co. ("Winkley" Brass, Steel & Combination), Detroit, Mich.

7638—Lubricators (Pneumatic)

Emery Pneumatic Lubricator Co. ("Emery"), 1932 N B'way, St. Louis, Mo.

7639—Lubricators (Rock Drill)

Ingersoll-Rand Co. ("Heart Beat"), 11 B'way, New York
See adv index at end of book
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book

7640—Lubricators (Sight Feed)

American Lubricator Co. ("Perfection," "Reliable" & "Crescent," Glass Body), Summit & Wabash Ry., Detroit, Mich.
Commonwealth Brass Wks., Detroit, Mich.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see adv index at end of book
Crescent Mfg. Co. ("Lackawanna," for Stationery Locomotive & Marine Engines), Scottdale, Pa.
Crescent Oil & Supply Co. ("Babcock" & "Kelly"), 303 Main, St. Louis, Mo.
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
Detroit Lubricator Co. ("Detroit," "Zero," "Kid"), Detroit, Mich.
Essex G. B. Brass Co., Detroit, Mich.
Flower Walter L. Co. ("Ashton"), St. Louis, Mo.
Hall Mfg. Co. ("Hall's," "Bartow's"), Harrison, N. J.
Handlan-Buck Mfg. Co. ("Dibble"), 210-14 N 3rd, St. Louis, Mo.
Haydenville Co., Haydenville, Mass.
Jarecki Mfg. Co. ("Erie"), Erie, Pa.
Kelly & Jones Co. ("Westmoreland"), 135 Water, Pittsburgh, Pa.
Lonergan J. E. Co., 211 Race, Phila., Pa.
LUNKENHEIMER CO. ("Senior," "Junior," "Major," "Colonel," "Graphite," "Premier," "Paragon," "Mars," "Paragon Duplex," "Paragon Triplex," "Banner," "Emblem," "Hercules," "Cupid," "Arctic," "Vulcan," "Beacon"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McNab & Harlin Mfg. Co. ("Boyden"), 55 John, New York
McRAE & ROBERTS CO. ("The Acme," "Eureka," "Never Fail"), 227 Campbell av, Detroit, Mich.
See adv index at end of book
Madison-Kipp Lubricator Co. ("Kipp" Valveless), Madison, Wis.
Manzel Bros. Co., 315 Babcock, Buffalo, N. Y.
Michigan Lubricator Co. ("Michigan," "Cyclone," "Rural," "Duke," "Giant," "Hot Stuff," "Pepper Pod," etc), Detroit, Mich.
Nathan Mfg. Co. ("Nathan," "Volunteer," "Columbia"), 416 E 106th, New York
National Brass Mfg. Co., Rochester, N. Y.
Ohio Grease Co. ("Ohio" Grease), Lundonville, O.
Ohio Injector Co. ("Chicago," "Ohio"), Wadsworth, O.
Pittsburgh Brass Mfg. Co., Pittsburgh, Pa.
Powell Wm. Co. ("Trojan," "Columbian," "Star," "Crescent," "Ensign," "Spartan"), Cincinnati, O.
Rich Mfg. Co. ("Phillips"), 370 Atlantic av, Boston, Mass.
Richardson-Phenix Co. ("Richardson" Automatic Sight Feed Oil Pump), 122 Reservoir av, Milwaukee, Wis.
Sherman H. B. Mfg. Co., Battle Creek, Mich.
Sherwood Mfg. Co. ("Buffalo"), 1709 Elmwood, Buffalo, N. Y.
Star Brass Mfg. Co. ("Seibert"), 108 E Dedham, Boston, Mass.
Swain Lubricator Co., 443 W 37th, Chicago, Ill.
Swift Lubricator Co., Elmira, N. Y.
Wilkinson W. H. Co., West Medway, Mass.

7641—*Lubricators (Steam Engine)

LUNKENHEIMER CO. ("Senior," "Junior," "Graphite," "Major," & "Colonel"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book

7642— Lubricators (Thread)

United Shoe Machinery Co. ("U. S. M. C.," Adapted to All Sewing Machines), 205 Lincoln, Boston, Mass.

7643— Lugs (Boiler)

Castle A. M. & Co. ("Drake-Castle" Pressed Steel), 1300 N Branch, Chicago, Ill.
KUTZTOWN FOUNDRY & MACHINE CO. (Cast Iron), 1421 Chestnut, Phila., Pa. *See adv index at end of book*
Lukens Steel Co., Coatesville, Pa.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Scully Steel & Iron Co. (Pressed Steel), 2364 S Ashland av, Chicago, Ill.
Tudor Boiler Mfg. Co., 715 E 3rd, Cincinnati, O.

7644— Lugs (Hinge)

Rieseck Iron Works (Wrought Steel for Steel Shutters), 1201 Metropolitan, Pittsburgh, Pa.

7645—Lugs (Rubber Covered)

Empire Tire & Rubber Co. ("Empire" for Motor Tires), East Trenton, N. J.

7646— Lugs (Tank)

Baker Mfg. Co., Evansville, Wis.
Caldwell W. E. Co. ("Caldwell" Hoops, Lugs or Fasteners), Louisville, Ky.
See adv index at end of book
Flint & Walling Mfg. Co., Kendallville, Ind.
Gillie Machine Co. (Round), Tonawanda, N. Y.
Gowanda Agricultural Works (Silo Lugs), Gowanda, N. Y.
Illinois Malleable Iron Co., 1801 Diversey pl, Chicago, Ill.
See adv index at end of book
Imperial Bit & Snap Co., Racine, Wis.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
National Malleable Castings Co., 7706 Platt av, S E Cleveland, O.
Pacific Tank & Pipe Co., 318 Market, San Francisco, Cal.
Racine Tank Lug Co. (Malleable Iron, Round & Flat), Racine, Wis.
Snow T. W. Construction Co. ("Dupree"), 537 S Dearborn, Chicago, Ill.
Stowell Co. The, S Milwaukee, Wis.
Tecktonius E. C. Mfg. Co. (Malleable Iron, Also Kiln & Silo), Racine, Wis.
Wilmington Malleable Iron Works of Eastern Malleable Iron Co. (Aso Silo), Wilmington, Del.

7647— Lugs (Terminal)

American Pin Co., Waterbury, Conn.
Barkelew Electric Mfg. Co., Middletown, Ohio
Bliss-Chester Co. ("Duplex"), 31 Mathewson, Providence, R. I.
Condit Electrical Mfg. Co. ("Shawmut"), 1st & L, Boston, Mass.
Connecticut Electric Mfg. Co. (Cast Copper), Bridgeport, Conn.
Crouse-Hinds Co., Syracuse, N. Y.
Cutter George Co., 415 Notre Dame, South Bend, Ind.
Dossert & Co., 242 W 41st, New York
Electrical Engineers Equipment Co., 711 Meridian, Chicago, Ill.
Electrical Mfg. Co., 112 Hamilton av, Cleveland, O.
Fargo Mfg. Co., Poughkeepsie, N. Y.
Frankel Connector Co., 177 Hudson, New York
French Mfg. Co., Waterbury, Conn.
General Devices & Fittings Co., 817 Washington blvd, Chicago, Ill.
Livermore Homer F., Inc., 85 Pearl, Boston, Mass.
Manhattan Electrical Supply Co., 17 Park pl, New York
Mendall Mfg. Co., New Bedford, Mass.
Metropolitan Engng. Co., 35 Vestry, New York
Metropolitan Electric Mfg. Co., 14th, Long Island City, N. Y.
Pringle Electrical Mfg. Co., 1906 N 6th, Phila., Pa.
Sherman Mfg. Co., H. B., Battle Creek, Mich.
States Co., 19 New Park av, Hartford, Conn.
Trumbull Electric Mfg. Co., Plainville, Conn.
Trumbull-Vanderpoel Elec. Mfg. Co., Bantam, Conn.
Worcester Elec. Mfg. Co., Worcester, Mass.

7648— Lumber (Artificial)

Keyes Products Co., 120 B'way, New York

Lumber (Creosoted)

See Creosoting Works

7649— Lumber (Gypsum)

U. S. Gypsum Co. (Sheetrock Wall Board), 205 W Monroe, Chicago, Ill.

7650-1—Lumber (Kyanized)

Allen, Otis & Son Co., Lowell, Mass.
Brown Co., Portland, Me.

7652—Lumber Mfrs. (Cypress)

Abeles C. T. & Co., Little Rock, Ark.
Allen Mfg. Co. (Ltd.) (Red), Shreveport, La.
Antrim Lumber Co., Wright bldg., St. St. Louis, Mo.
Ascension Red Cypress Co. (Ltd.) (Red), New Orleans, La.
Baldwin Lumber Co., Ltd., Baldwin, La.
Bowie Lumber Co. (Ltd.), Bowie, La.
Brownell-Drews Lumber Co. (Ltd.), Morgan City, La.
Burgan Wm. M., American bldg, Baltimore, Md.
Burton E. P. Lumber Co., Charleston, S. C.
Burton-Swartz Cypress Co., Perry, Fla.
Butters Lumber Co., Boardman, N. C.
Byrne-Renfro Lumber Co., Kansas City, Mo.

LUMBER MFRS. (CYPRESS)—continued
Carrier Lumber & Mfg. Co., Sardis, Miss.
Carter-Kelley Lumber Co., Manning, Tex.
Cotten Bros. Cypress Co. (Ltd.), Morgan City, La.
Cummings-Moberly Cypress Co., Moberly, La.
Cypress Lumber Co. (Lumber & Shingles, Tanks & Vats), 88 Broad, Boston, Mass.
Dibert, Stark & Brown Cypress Co. (Ltd.), Donner, La.
Dierks Lumber & Coal Co., Gates bldg, Kansas City, Mo.
Forest Lumber Co., R. A. Long bldg, Kansas City, Mo.
Gates Lumber Co., Wilmar, Ark.
Gebert Shingle Co. (Ltd.), New Iberia, La.
Germain Co., Farmers Bank bldg, Pittsburgh, Pa.
Gilchrist-Fordney Co., Laurel, Miss.
Good Land Cypress Co., Hibernia bldg, New Orleans, La.
Hanson Albert Lumber Co. (Ltd.), Garden City, La.
Hebard-Cypress Co., Scranton, Pa.
Jeanerette Lumber & Shingle Co. (Ltd.), Jeanerette, La.
Keo Shingle Co., England, Ark.
Kyle Lumber Co. (Ltd.), Franklin, La.
Lear W. H., 979 N Front, Phila., Pa.
Louisiana Cypress Lumber Co. (Ltd.) (Red), Harvey, La.
Luehrmann C. F. Hardwood Lumber Co., 150 Carroll, St. Louis, Mo.
Lutcher & Moore Cypress Lumber Co., (Ltd.), Lutcher, La.
Lyon Cypress Lumber Co. (Red Cypress), 208 S La Salle, Chicago, Ill.
Morley Cypress Co., Morley, La.
Napoleon Cypress Co. (Ltd.), Napoleonville, La.
Opdenweyer-Alcus Cypress Co., Sorrento, La.
Owl Bayou Cypress Co., Cincinnati, O.
Pawnee Land & Lumber Co., Pawnee, La.
Planters' Lumber Co. (Ltd.), Jeanerette, La.
Poitevent & Faure Lumber Co., L. & L. & G. bldg, New Orleans, La.
Ramos Lumber Co. (Ltd.), Ramos, La.
Richardson Cypress Lumber & Shingle Co., Bucksport, S. C.
Riggs Cypress Co. (Ltd.), Patterson, La.
Ruddock-Orleans Cypress Co., New Orleans, La.
St. Bernard Cypress Co. (Ltd.), Arabi, La.
Salmen Brick & Lumber Co., Ltd., Whitney bldg, New Orleans, La.
Savannah River Lumber Co., Savannah, Ga.
Schwing Lumber & Shingle Co. (Ltd.), Plaquemine, La.
Seidel Julius Lumber Co., 2000 S Kingshighway, St. Louis, Mo.
Smith A. B. Lumber Co., Paducah, Ky.
STEARNS A. T. LUMBER CO., 100 Taylor, Neponset, Boston, Mass.
See adv index at end of book
Trimble Cypress Co., 508 Bell blk, Cincinnati, O.
Wausau Southern Lumber Co., Wausau, Wis.
Whitecastle Lumber & Shingle Co. (Ltd.), Whitecastle, La.
Wilbert's A. Sons Lumber & Shingle Co., Plaquemine, La.
Williams F. B. Cypress Co. (Ltd.), Patterson, La.
Wilson Cypress Co., Palatka, Fla.
Wilson & Cochran, Lottie, La.

7652a—Lumber (For Airplanes)

Alcock John L. & Co., 1 So. Jay, Baltimore, Md.
Chetham Lumber Co., 15 William, New York
Delatour A. J., 170 Cherry, New York
Dutton A. C., Lumber Corp., Springfield, Mass.
Mengel C. C. & Bros. Co., Louisville, Ky.
N. J. Veneer Co., Paterson, N. J.
Sheip & Vandegrift, 814 W Lawrence, Phila., Pa.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER

7653—Lumber Mfrs. & Wholesale Dealers

Star (*) denotes Manufacturers.
Dagger (†) denotes Inspectors & Shippers.
Section Mark (§) denotes Wholesale Dealers.
This is not an absolutely complete list of Lumber Manufacturers & Wholesalers. It is compiled for those who want to purchase lumber.

ALABAMA.

ATMORE—*Carney W. M. Mill Co. (L. L. Yellow Pine)
BELLAMY—Allison Lumber Co. (Saw Mill)
BESSEMER—Edwards G. B. Lumber Co.
BIRMINGHAM—§Alabama Lumber Co.
*American Lumber & Export Co. (Yellow Pine)
Barnett Lumber Co.
Iron City Lumber Co.
*Jenkins Lumber Co. (Shingles, Lath & Planing Mill)
*Kaul Lumber Co. (Saw Mill, Yellow Pine, etc)
*Lathrop Lumber Co. (Yellow Pine)
Standard Lumber Co.
BREWTON—Lovelace Lumber Co.
CARBON HILL—Guthrie B. B. (Saw Mill)
CARROLTON—*Beasley & McCafferty Lumber Co.
*Kilpatrick S. F. (Saw Mill)
CHAPMAN—*Smith W. T. Lumber Co. (Yellow)
CLAYTON—Robertson W. H. (Estate of) (Saw Mill)
COHASSET—*Foshee J. M. (Lumber & Saw Mill)
CREOLA—Hatter T. A. & Son (Saw Mill)
DECATUR—*Hitt H. H. Lumber Co. (Tenn. Hardwoods)
Jervis Lumber Co.
EVA—Stewart, Wiley (Saw Mill)
FULTON—*Scotch Lumber Co. (Yellow Pine)
HUNTSVILLE—*Huntsville Lumber & Mfg. Co.
LAMISON—*Frost-Sibley Lumber Co.
LOCKHART—*Jackson Lumber Co. (Yellow Pine)
LUVERNE—Beal J. A. (Saw Mill)
MOBILE—Barrett J. S. Lumber Co.
*Blacksher Co. (Yellow Pine & Saw Mill)
*Cameron J. D. & Son Co. (Lumber & Shingles)
Hunter, Benn & Co. (Exporters)
*Robinson Land & Lumber Co. (Long Leaf Yellow Pine), Mills: Chicora, Miss.
Taylor, Martin & Co. (Lumber & Timber)
MONTGOMERY—§Alabama Lumber Co. (Lath & Shingles)
§Flowers E. P. & Co.
§Southern Pine Lumber Co. (Yellow Pine)
§Vesuvius Lumber Co.
NEW DECATUR—Payne E. C. Lumber Co.
OAK GROVE—*Davis M. L. (Yellow Pine)
POLLARD—Lindsey Lumber Co.
RAMER—Mills A. D. (Saw Mill)
STOCKTON—*McMillan Bros.
VINEGAR BEND—*Vinegar Bend Lumber Co. (Yellow Pine)
WAGAR—*McClure Lumber Co. (Yellow Pine)

ARIZONA.

FLAGSTAFF—*Arizona Lumber & Timber Co.
NOGALES—§Roy & Titcomb
PHOENIX—Ryder H. W. (Saw Mill)
Valley Lumber Co.
PRESCOTT—§Head Lumber Co.
TUCSON—Corbett J. Knox Lumber Co.
Tucson Lumber Co.
WILLIAMS—Saginaw & Manistee Lumber Co.

ARKANSAS.

ALGOA—*Stringer R. L. (Saw Mill)
ALLENE—*Wright C W (Saw & Planing Mill)
ARKADELPHIA—*Arkadelphia Milling Co.
BEARDEN—*Cotton Belt Lumber Co. (Yellow Pine)
BEIRNE—Clark J. G. (Saw Mill)
BIGELOW—*Fourche River Lumber Co. (Long Leaf Yellow Pine)
BINGEN—*Wolff J. R. (Saw Mill)
BLISSVILLE—Bliss-Cook Oak Co. (Band Sawed White & Red Oak)
BLYTHEVILLE—*Chicago Mill & Lumber Co. (Branch of Chicago, Ill.)
*East Arkansas Lumber Co. (Branch of Paragould)
BOYNTON—*Boynton Land & Lumber Co.
BRINKLEY—Brinkley Car Works & Mfg. Co. (Saw & Planing Mills)
BROOKINGS—*Quellmalz Hy, Lumber & Mfg. Co. (See St. Louis, Mo.)
CAMDEN—*Tate & Fearing (Saw Mill)
CARGILE—*Loutre Lumber Co. (Shingles)
CROSSETT—*Crossett Lumber Co. (Yellow Pine)
DELIGHT—*Delight Lumber Co.
DERMOTT—Dermott Land & Lumber Co.
Fee-Crayton Hardwood Lumber Co. (Oak, Ash, Hickory, Walnut, etc.)
EAGLE MILLS—*Eagle Lumber Co. (Yellow Pine)
EARL—*Crittenden Lumber Co.
EL DORADO—*Eldorado Lumber Co.
ENGLAND—*Keo Shingle Co. (Cypress Lumber & Shingles)
FAYETTEVILLE—Northwest Arkansas Lbr. Co.
FORDYCE—*Fordyce Lumber Co. (Yellow Pine)
*Hampton Stave Co.
FORT SMITH—*Dyke Bros.
GLENWOOD—Clark A. L. Lumber Co. (Yellow Pine)
HELENA—*McDonald Bros. (Hardwood)
HENSLEY—*Farrell Wm. Lumber Co. (Yellow Pine & Oak Lumber, Bridge & Dimension Timber, etc.)
HOPE—*Hope Lumber Co. (Yellow Pine)
JUNCTION CITY—*Cornie Stave Co.
KENSETT—Doniphan Lumber Co. (Yellow Pine) (Office, Kansas City, Mo.
LITTLE ROCK—*Abeles C. T. & Co. (Yellow Pine, Cypress Lumber, Moulding, etc.)
*Arkansas Cypress Shingle Co. (Shingles)
Arkansas Soft Pine Bureau (Interior Woodwork)
*Ferguson C. E. Saw Mill (Yellow Pine & Red Cypress)
*Neimeyer A. J. Lumber Co.
MADISON—*Wheeler J. W. & Co. (Hardwood)
MALVERN—Ark. Land & Lumber Co. (Yellow Pine & Ark. Soft Pine)
Wisconsin & Arkansas Lumber Co. (Yellow Pine & Soft Pine)
MARIANNA—*Ind. & Ark. Lumber & Mfg. Co.
*Kershaw W. F.
*Miller Lumber Co.
MENA—*Watkins Lumber Co.
MILLVILLE—*Freeman-Smith Lumber Co. (Yellow Pine)
*McIntyre Lumber Co. (Southern Hardwood)
NASHVILLE—*Graysonia-Nashville Lumber Co. (Yellow Pine & Hardwood Lumber)
NEWPORT—Newport Lumber Co.
OLIVER—Thomas-Huycke Co. (Yellow Pine)
PARAGOULD—*East Arkansas Lumber Co.
PERLA—*Malvern Lumber Co. (Yellow Pine)
PINE BLUFF—*McIntyre J. F. & Sons (Southern Hardwoods)
PLAINVIEW—*Fort Smith Lumber Co. (Short Leaf Yellow Pine)
PRESCOTT—Ozan Lumber Co. (Yellow Pine)
READER—Valley Lumber Co. (Ark.), (Soft Pine, Yellow Pine)
STAMPS—*Bodcaw Lumber Co. (Yellow Pine)
TEXARKANA—Buchanan Wm. (Lumber Broker)
Grant Timber & Mfg. Co.
*Southern Pine Lumber Co. (Yellow Pine Mixed Cars a Specialty)
THORNTON—*Stout Lumber Co. (Yellow Pine)
WARREN—*Arkansas Lumber Co. The (Pine & Hardwood)
*Bradley Lumber Co., The (Yellow Pine)
*Southern Lumber Co. (Yellow Pine)
WESSON—*Edgar Lumber Co. (Yellow Pine)

WILMAR—*Gates Lumber Co. (Yellow Pine, Lumber & Cypress Shingles),
WILSON—*Wilson Lee & Co. (Saw Mill)
WYNNE—Wynne Stave Co. (Staves).

CALIFORNIA.

ALBION—*Albion Lumber Co. (Redwood Lumber, Shingles & Ties)
BAKERSFIELD—Union Lumber Co.
BERKELEY—*Bruce Lumber & Mill Co.
§Hunter Lumber Co.
BULWINKLE—*Little River Redwood Co. (See No. Tonawanda, N. Y.)
CASPAR—*Caspar Lumber Co. (Redwood Ties & Shingles)
CHICO—*Diamond Match Co.
DUNCANS MILLS—*Duncan's Mills Land & Lumber Co.
EUREKA—Bayside Lumber Co.
*Dolbeer & Carson Lumber Co. (Redwood Lumber & Shingles)
*McKay & Co. (Redwood Lumber & Shingles)
*Press, Whiting G. Co. (Redwood Shingles)
FORT BRAGG—*Union Lumber Co. (Redwood Lumber, Shingles & Ties)
FRESNO—Fassett Lumber Co.
Fresno Lumber Co.
*Hollenbeck Bush Planing Mill Co.
Valley Lumber Co.
GILROY—*Whitehurst & Hodges
HALF MOON BAY—Borden Chas. W. (Saw Mill)
KORBEL—Northern Redwood Lumber Co.
LOS ANGELES—§Algoma Lumber Co. (Saw Mill)
§Blinn L. W. Lumber Co.
Consolidated Lumber Co.
Engstrum F. O. Co. (Planing Mill), 500 Seaton
§San Pedro Lumber Co.
§Stanton E. J. & Son
§Western Hardwood Lumber Co.
§Wood E. K. Lumber Co.
Woodlead Lumber Co. (Planing Mill)
MENDOCINO—*Mendocino Lumber Co.
METROPOLITAN — *Metropolitan Redwood Lumber Co. (Redwood Shingles, etc)
OAKLAND—*Coos Bay Lumber Co.
*STRABLE MFG. CO. (Hardwood Lumber, Hardwood Flooring & Veneered Panels only), 511 1st
§Sunset Lumber Co.
OCCIDENTAL—*Meeker M. C.
PASADENA—Blinn L. W. Lumber Co.
Kerckhoff-Cuzner Lumber Co.
PITTSBURGH — Redwood Manufacturers Co. (Redwood Lumber, Air Dried)
PLACERVILLE—*Blair J. & J. Lumber Land Co.
POINT ARENA—*White L. E. Lumber Co. (Redwood, Sugar Pine & Cal. White Pine)
SACRAMENTO—Friend & Terry Lumber Co.
*Homestead Lumber Co.
*Sacramento Lumber Co.
SAN BERNARDINO—Suverkrup John
SAN DIEGO—Russ Lumber & Mill Co.
§San Diego Lumber Co. (Redwood Lumber & Shingles)
SAN FRANCISCO—Acme Lumber Co., 6th & Channel
Albion Lumber Co. (Redwood Lumber), 582 Market
AUSTRALIAN HARDWOOD LUMBER CO. (American & Australian Hardwood Lumber Ship Timbers, etc., 480-486 Brannan
§Byxbee & Clark Co. (Redwood & Pine), Balboa bldg
California-Oregon Lumber Co., 112 Market
§California Sugar & White Pine Co., 1st National Bank bldg
Caspar Lumber Co., Hobart bldg
§Chapman Lumber Co., Welch bldg
Christian Lumber Co., 1950 3rd
§Davies & Fehon, Ltd., 214 Front
*Dieckmann Hardwood Co. (West Coast Mahogany, Spanish Cedar,) 350 Beach
Dodge E. J. Co., 16 California
*Doe Frank P. Lumber Co., 16 California
*Dolbeer & Carson Lumber Co., Redwood Lumber & Shingles), Merchants' Exch. bldg
§Dollar Robert Co., 230 California
Duebel Chas. & Co. (Planing Mill), 224 1st
Duncan's Mills, Land & Lumber Co., 112 Market
*Federal Mill Co. (Saw Mill)
§Fifield E. L., Monadnock bldg
Gardiner Mill Co., 16 California
§Glen Blair Redwood Co., Monadnock bldg
*Gray's Harbor Commercial Co. (Fir, Spruce & Red Cedar Lumber & Shingles), Ft. of 3rd
*Hammond Lumber Co., 260 California
§Hammond W. A. Co., 112 Market
§Hanify J. R. Co. (Redwood), 24 Market
§Hendrickson Lumber Co. (Pine & Redwood)
Higgins Lumber Co., 423-6 112 Market
*Hobbs, Wall & Co. (Redwood Lumber), Fife bldg.
*Hooper F. P. & J. A., 110 Market
§Hooper Lumber Co., 17th & Illinois
§Little River Redwood Co., 112 Market
*Loma Prieta Lumber Co., New Bank bldg
§McCullough Lumber Co., 112 Market
§McFaul-Perkins Co. (Redwood & Pine), Chronicle bldg
McKay & Co. (Redwood Lumber & Shingles), 311 California
MacArthur & Kauffman (Red Cedar & Pine), 461 Market
*Mendocino Lumber Co., Crocker bldg
*Metropolitan Redwood Lumber Co. (Redwood Shingles, etc), 112 Market
§Morrison Lumber Co., 742 Brannan
§Nelson Chas. Co. (Redwood, Pine Shingles, Posts, etc), 230 California
Niehaus E. F. & Co. (Hardwood), 564 Brannan
§Olson & Mahoney Lumber Co., 5th & Channell
*Pacific Lumber Co. (Redwood, Pine & Shingles), Hobart bldg
§Pollard & Co. (Redwood Lumber & Shingles), 110 Market
*Pope & Talbot (Lumber, Timber, Piles, Spars, etc), ft of 3rd
Port Blakeley Mill Co., 544 Market
*Puget Mill Co. (Fir Lumber, Spars & Piles), Mills: Port Gamble, Wash., & Port Ludlow, Wash
§Redwood Export Co., 260 California
Redwood Mfrs. Co. (Redwood), Hobart bldg
Richardson Co., 320 Market
St. Helens Lumber Co. (Fir)
§San Diego Lumber Co. (Redwood Lumber & Shingles)
§San Pedro Lumber Co., 110 Market
§Schouten J. W. & Co. (Redwood, Pine Lumber & Shingles), 738 Bryant
§Sierra Nevada Wood & Lumber Co. (Pine, Spruce & Fir)
Simpson Lumber Co., 112 Market
§Slade S. E. Lumber Co. (Pine & Spruce), 112 Market
§Spanish Peak Lumber Co. (Pine & Spruce), 1st Nat'l Bank bldg
§Stockton A. L. Lumber Co., Merchants, 6130 Mission
*Tacoma Mill Co. (Douglass Fir, Oregon Pine, Plank Timber, Ship Plank, Flooring, Rustic Ceiling, Lath, Pickets, Staves, Spars, Piling, Red Cedar Shingles, etc), 310 Sansom. Works, Tacoma, Wash.
§Truckee Lumber Co. (of S. F.), First National Bank bldg
§Union Lumber Co. (Ties, Poles, Pine & Redwood Piles, Spars, etc), Crocker bldg
§Valley Lumber Co. 110 Market
Vance J. W. & Co. (Redwood & Fir), 214 Front
Wendling Nathan Co., 110 Market
§White Bros. (Hardwood Importers & Dealers), 5th & Brannan
§White L. E. Lumber Co. (Redwood Lumber, Ties, Posts & Tan Bark), Balboa bldg
Wilson Bros. & Co., 110 Market
*Wood E. K. Lumber Co. (Fir & Spruce), 112 Market
SANGER—*Sanger Lumber Co.
SAN JOSE—*Chase S. H. Lumber Co. (Lumber & Saw Mill)
*Glenwood Lumber Co. (Lumber & Mill Work)
Hubbard & Carmichael Bros. (Lumber)
*Santa Clara Valley Mill & Lumber Co. (Lumber & Mill Work)
SANTA ANA—Griffith Lumber Co.
Pendleton Lumber Co.
SANTA BARBARA—*Union Mill Co. (Planing Mill)
SANTA CRUZ—*Hihn F. A. Co.
SCOTIA—*Pacific Lumber Co. (Redwood, Pine & Shingles)
SONORA—*Standard Lumber Co.
WESTPORT—Pollard Lumber Co.
WESTWOOD—Red River Lumber Co. (California White & Sugar Pine, Cut Sash & Dover Stock & Box Shooks)
WILMINGTON—§Consolidated Lumber Co.

COLORADO.

COLORADO SPRINGS—Crissey & Fowler Lumber Co.,
Newton Lumber & Mfg. Co.
DENVER—§Continental Tie & Lumber Co.
English R. W. Lumber Co.
Farrar & Guy, 312 Quincy B
*Fleming Bros. Co.
Hallack & Howard Lumber Co.
†McPhee & McGinnity Co.
§Oregon Lumber Co.
Salzer B. F. Lumber Co., Idaho & Virginia av
GREELEY—Mayher Wm. Lumber Co.
PAGOSA SPRINGS—§Pagosa Lumber Co.
PUEBLO—§King Investment & Lumber Co.
†Newton Lumber & Investment Co.
TRINIDAD—Davis O. L. Lumber Co.

CONNECTICUT.

AVON—Woodford H. W.
BRIDGEPORT—*§Burritt A. W. Co.
Miller Frank Lumber Co. (Saw Mill)
Park City Lumber Co.
West End Lumber Co.
HARTFORD—Capitol City Lumber Co.
*Conn. Valley Lumber Co.
§Harlow Lumber Co.
§Hartford Lumber Co. (Pine, Hardwood, Shingles, etc)
Taylor Edwin Lumber Co.
MERIDEN—Bishop Dexter L. Co. (Saw Mills)
§Lyon & Billard Co.
NEW HAVEN—§Connecticut Box Co. (Lumber & Shooks, etc)
§De Forest & Hotchkiss Co., 115 Water
Elm City Lumber Co.
Fogg Ezra D. Co.
Hartshorn F. E.
§Lampson Lumber Co. (Spruce, Southern Pine, Cypress)
*New Haven Saw Mill Co. (Southern Pine)
*Sanford & Treadway (Hardwoods)
NEW LONDON—§Chappell F. H. & A. H. Co.
*Raymond & Alexander Lumber Co. (Saw Mill, Ties, Poles, Timber, etc)
NORWICH—Potter A. L. & Co. (Saw Mill)
STAMFORD—§Getman & Judd Co.
TORRINGTON—*Wadhams F. L. & Sons (Saw Mills)
WALLINGFORD — Wallingford Lumber Co.
WATERBURY—Brass City Lumber Co.
City Lumber & Coal Co., 590 W Main
§Tracy Bros. Co.
Waterbury Lumber Co., 107 Meadow
WESTFORD—Barlow A. G. & Son
WEST HAVEN—Richards H. H. Lumber Co.
WILLIMANTIC—Hillhouse & Taylor
WINSTED—*Bronson Bros.
Burwell J. C.
Tiffany & Pickett Co. (Saw Mill)

DELAWARE.

LEWES—Arnell Robt.
Ingram A. P.
MILFORD—Milford Lumber Co.
NEW CASTLE—Eliason J. T. & L. E.
WILMINGTON—§Bush J. D. & Co. (Yellow Pine, etc), Dupont bldg.
§Canby Hy. M. (White & Yellow Pine), Hardwoods, etc), Equitable bldg
Corbin R. H.
§Cranston John A. Lumber Co., 109 King
Diamond Lumber Co.
*Kent Lindley C. Co., Front & Monroe
Simmons S. G. & Bros. Co., Front & Tatnall

DISTRICT OF COLUMBIA.

WASHINGTON—*Johnson & Wimsatt (N. C. Pine), 1212 Water, S W

FLORIDA.

APOPKA—*Consumers Lumber & Veneer Co. (Saw & Crate Mills)
BAGDAD—*Bagdad Land & Lumber Co.
BOYD—*Weaver-Loughridge Lumber Co.
BROWARD—*Jones J. B. (Saw Mill)
CARRABELLE—*Franklin County Lumber Co.
CARTERS—Carter Mfg. Co. (Shingle Mill)
CENTRALIA—*Central Cypress Co.
CENTURY—*Alger-Sullivan Lumber Co. Yellow Pine)
DE FUNIAK SPRINGS—*Beach, Rogers & Co.
*Graves-Tatum Co. (Saw Mill)
Walton Land & Timber Co.
DUPONT—*Dupont Land Co.
EAST PALATKA—*Browning Lumber Co. (Saw Mill)
ENVILLE—Denton Lumber Co. (Southern Yellow Pine)
ESCAMBIA—McVey Joseph & Co. (Saw Mill)
FERNANDINA—*Baxter Geo. S. & Co. (See New York)
*Florida Pitch Pine Lumber Co.
FORT McCOY—*Rentz Lumber Co. (Saw Mill)
GAINESVILLE—*Brown Bros. Co.
*Lumber Mfg. Co. (Saw Mill)
*Phifer W. B. Co. (Saw Mill)
*Stringfellow Lumber Co. (Saw Mill)
GLENWOOD—* Bond Lumber Co. (Saw Mills)
GREER—*Greer J. L. (Saw Mill)
GRIFFIN—*Omohudro Bros. Lumber Co.
HAMPTON SPRINGS—Rock Creek (Lumber Co. (Southern Yellow Pine)
HOPKINS—Union Cypress Co. (Cypress)
IVERNESS—*West & Reaves Lumber Mills
JACKSONVILLE—Baxter G. S. & Co. (Branch of New York City)
Corse, Montgomery (Shingle Mill)
Cummer Lumber Co. (L. L. Yellow Pine)
*Florida Pine Co.
*Florida Tie & Lumber Co. (Cross Ties & Lumber)
Gress Mfg. Co.
Hirsch Lumber Co.
*Hunter Co. (Yellow Pine)
Sax Alfred R. Lumber Co. (Branch of New York City)
*Scotland Mills (Inc.), (Saw Mill)
*Sizer Robt. R. & Co. (Branch of New York City)
*Standard Lumber Co.
*West E. E.
LAKE HELEN—*Bond E. W. Co. (Saw Mill)
LAKEWOOD—*Britton Lumber Co. (Yellow Pine)
LARGO—*Hardage & McMullen (Saw Mill)
LEBANON—*King R. M. Lumber Co. (Saw Mill)
LIVE OAK—Standard Lumber Co. (Southern Yellow Pine & Cypress)
LONGWOOD—*Dinkel J. S. (Saw Mill)
MACCLENNY—*Barber M. D. (Saw Mill)
MARTEL—Martel Lumber Co. (Saw Mill)
MARTIN—*Martin Crate Co. (Saw Mill)
MIAMI—*Carter T. A. (Saw Mill)
MONTBROOK—*Florida Land Co. (Saw Mills)
*McNair & Wade Land Co. (Mills)
MORRISTON—*Morrison D. B. Co.
MUSCOGEE—*Southern States Lumber Co. (Yellow Pine)
NOCATEE—*King Lumber & Mfg. Co.
NOMA—*Alabama & Florida Lumber Co. (Saw Mill)
OAK—*McDowell Crate & Lumber Co.
OCALA—*Ocala Mfg. Co.
Welch-Todd Lumber Co.
ORANGE HEIGHTS—*McRae & Davis
ORANGE HILL—*Gilbert Z. R. (Saw Mill)
OTTER CREEK—*Otter Creek Lumber Co.
OXFORD—*Collier Horace O. C. (Lumber & Crate Mills)
PACE—*Escambia Land & Mfg. Co. (Saw Mill)
PALATKA—*Selden Cypress Door Co. Cypress)
*Wilson Cypress Co. (Cypress Lumber, Siding, Shingles, etc)
PENSACOLA—*Baars H. & Co. (Pitch Pine)
*Duval B. C. (Saw Mill)
*German-American Lumber Co.
*Nobles R. E. & Son (Shingle Mills)
*Pensacola Lumber & Timber Co. (Pitch Pine Exporters)
§Robinson Co. (Exporter)
Runyan & Co. (Saw Mill)
*Southern States Lumber Co.
PERRY—Burton-Swartz Cypress Co. of Fla. (Cypress Lumber & Shingles)
PINE BARREN—*McMillan Mill Co. (Yellow Pine)
PLANT CITY—Warnell Lumber & Veneer Co.
RODMAN—*Rodman Lumber Co. (Saw Mill)
SUMNER—*Cummer Cypress Co.
TAMPA—*Anderson Mfg. Co.
TARPON SPRINGS—*Alderman J. W. (Saw Mill)
TRENTON—*Wade & Bell (Timber)
WALDO—Cauthen T. M. (Shingle Mill)
WATERTOWN—*East Coast Lumber Co. (Saw Mill)
WAUCHULA—*Wauchula Mfg. & Timber Co.
WEST LAKE—West Bros. (Saw Mill)
WEST PALM BEACH—Lainhart & Potter
WHITNEY—*Goethe Lumber Co. (Saw Mill)
WILDWOOD—*McRainey & Bridges (Saw Mill)

GEORGIA.

ADAIRSVILLE—*Cedar Springs Mfg. Co. (Saw Mill)
ALLENHURST—*Dunlevie Lumber Co.
AMERICUS—*Americus Mfg. Co. (Saw Mill)
ASHBURN—*Ashburn Lumber Co.
ATHENS—Moss R. L. Mfg. Co. (Planing Mills)
ATLANTA—Atlanta Hardwood Lumber Co.
Colcord Lumber Co.
§Lake Frank G.
§Lowe E. E. & Co., Fourth Nat'l Bank bldg
Pattillo Lumber Co.
*Royal Lumber Co.
§Smith & Simpson Lumber Co.
§West Lumber Co.
Willingham's E. G. Sons (Lumber & Planing Mill)
Willingham-Tift Lumber Co.
§Zuber J. W.
AUGUSTA—*Augusta Lumber Co. (Long Leaf Yellow Pine)
*Perkins Mfg. Co. (Yellow Pine)
*Woodward Lumber Co. (Yellow Pine)
AUTREYVILLE—*Autrey D. A. & Son (Saw Mill)
BABCOCK—Babcock Bros. Lumber Co. (Saw Mill) (Branch of Pittsburgh, Pa.)
BAINBRIDGE—§Ramsey-Wheeler Co.
BLUNDALE—*Emanuel Farm Co. (Saw Mill)
BOSTON—*Kirby Planing Mill Co. (Saw Mill)
BOWDON—*Fowler W. J. (Saw Mill)
*King C. W. (Saw Mill)
BRINSON—*Stuart Lumber Co. (Yellow Pine)
BROOKLET—*Shearwood Lumber Co. (Saw Mills)
BROOKS—*Peoples J. W. (Saw Mill)
BROXTON—*Dorming-Price Lumber Co.
BRUNSWICK—*American Tie & Timber Co. (Yellow Pine & Cypress Ties, Poles & Posts)
*Bladen Tie & Lumber Co.
*Camden Lumber Co. (Saw Mill)
*Cooney, Eckstein & Co. (Yellow Pine)
*Hirsch Lumber Co. (Branch of N. Y. City)
CARTERSVILLE—*Rhyne Bros. Lumber Co.
CECIL—*Bray J. N. Lumber Co. (Saw Mill)
CEDARTOWN—Bailey S. C. (Saw Mill)
CISCO—*Brownlee-Lowry Co. (Saw Mill & Hardwood Lumber)
COLLINS—*Holland J. R. (Saw Mill)
COLQUITT—*Coward A. J.
CONYERS—*Hamilton J. A. & Sons (Saw Mill)
*McKleroy T. (Saw Mill)
CRAWFORDVILLE—*Malcom A. G. Bro. & Co. (Saw Mills)
CUTTING—*Georgia Lumber & Turpentine Co.
CYRENE—*Hodges C. S.
DACULA—*Pharr G. F. (Saw Mill)
DALTON—*Cherokee Mfg. Co.
*Farrar Lumber Co. (Yellow Pine, Brackets, Blocks & Mill Finish)
DARIEN—*Hilton-Dodge Lumber Co. (Cypress & Yellow Pine)
DONALDSONVILLE — *Donaldsonville Shingle Co.
EASTMAN—*Thompson W. H.
ELLIJAY—§Shippen Bros. Lumber Co.
EUGENE—*Phillips Lumber Co. (Saw Mill)
FAIRPLAY—*Malcom B. H. & Bro. (Saw Mill)
FENDIG—*McKinnon L. T. & Co. (Saw Mill)
FORT GAINES—*McRae Bros. (Saw Mill)
GRAHAM—*Johnson M. B. (Saw Mill)
HARTWELL—*Cash & Co. (Saw Mill)
*Sanders S. H. (Saw Mill)
*Young G. V. & Co. (Saw Mill)
HAWKINSVILLE — *Snowden T. H. (Shingle Mill)
HAZELHURST—*Copeland Lumber Co. (Saw Mill)
IRON CITY—*Lane D. A. W. (Shingle Mill)
JAKIN—*Flower Lumber Co. (Saw Mill)
KATHLEEN—*Davis J. H. & Son (Saw Mill)
KINDERLOU—*Young-Burton Co.
LAGRANGE—Pike Bros. Lumber Co.
LAWRENCEVILLE—*Ambrose J. A.
Jackson C. P. (Saw Mill)
LELA—*Chattahoochee Lumber Co.
LETFORD—*Tuten W. G. (Saw Mill)
LYONS—Thompson J. L. (Saw Mill)
MACON — *Case-Fowler Lumber Co. (Hardwood)
*Central Mfg. Co.
*Jenkins J. W. (Saw Mill)
*Massee & Felton Lumber Co. (Gum, Oak, Hickory, Ash, Elm, Maple, Poplar & Sycamore)
*Sibley Lumber Co. (Saw Mill)
MEIGS—*Meigs Lumber & Mfg. Co. (Saw Mill)
MILLTOWN—*Milltown Lumber Co.
MINEOLA—*Mineola Mill Co. (Yellow Pine)
MOULTRIE—*Colquitt Lumber Co.
Corbett Lumber Co. (Saw Mill)
*Huber Lumber Yard
MOUNT PLEASANT—Aiken L. R. & Bro.
NEWNAN—Askew W. S. Co.
*Cole R. D. Mfg. Co.
NORCROSS—Johnston J. F. (Saw Mill)
OCILLA—*Henderson Lumber Co. (Saw Mill)
*Ocilla Planing Mill
OCONEE—*Cleveland-Oconee Lumber Co.
PINEORA—*Pineora Mfg. Co. (Saw Mill)
QUITMAN—*Interstate Lumber Co.
*South Georgia Lumber Co.
REYNOLDS—Ricks Bros. (Saw Mill)
ROME—Marshall Mfg. Co. (Yellow Pine)
SAVANNAH—Bacon A. S. & Sons (Shingles, Lumber, etc.).
*Brewster Lumber Co. (Saw Mill)
*Emanuel Farm Co.
*Georgia-Carolina Lumber Co. (of Pottsville, Pa.).
§Georgia Pine Co. (Branch of Balto., Md.)
Jarratt J. S. & Co. (Saw Mill, etc)
*Kuhns W. T. Lumber Co. (Saw Mill)
*Savannah River Lumber Co. (Yellow Pine)

Southern Box & Lumber Co.
*Southern Pine Co. (of Georgia) (Yellow Pine Lumber, Rough & Dressed Shingles, Lath, Mouldings, Newell Posts, Ballusters, Flooring & Heavy Timber)
STOCKTON—*Fry E. Y. (Saw Mill)
SYLVANIA—*Brantley W. L. (Saw Mill)
*Mallory W. A. & BRO. (Saw Mill)
THOMASVILLE—*Beverly W. E. (Saw Mill)
Jemison J. B. & Co. (Long Leaf Yellow Pine Car Material, Bridges, Floorings, Sidings, Shingles, Laths, etc)
Jemison J. B. & Co.
*Kirby Planing Mill Co. (Yellow Pine)
*Southern Saw Mill Co. (Saw Mill)
*Williams Homer
TIFTON—
*Phillipps Lumber Co.
*Tift H. H. (Yellow Pine)
UNION CITY—*Gates Bros. Co. (Saw Mill)
VALDOSTA—Fender Lumber Co. (Saw & Planing Mill)
Killian Lumber Co. (Long Leaf Yellow Pine)
*Morrison & Harvey
WARTHEN—*Walker G. C. (Saw Mill)
WAYCROSS—*Hebard Cypress Co. (See Scranton, Pa.)
WINDER—*Millsaps G. S. (Saw Mill)
WRENS—*Wren W. J. (Saw Mill)
ZENITH—Pearson & Avera (Saw Mill)

IDAHO.

BONNERS FERRY—Bonners Ferry Lumber Co. (Western Soft Pine, Idaho White Pine, Hard, Spruce & Cedar Lumber & Lath, etc
BOISE—Boise Payette Lumber Co. (Pine)
*Ridenbaugh W. H. (Lumber & Saw Mills)
COEUR D'ALENE—Blackwell Lumber Co. (Idaho White Pine, Western Soft Pine, White Fir)
Coeur d'Alene Lumber Co. (White Pine Products)
Rutledge Edward Timber Co.
DOVER—*Dover Lumber Co. (White Pine, Larch & Cedar)
MOSCOW—*Standard Lumber Co.
POTLATCH—*Potlatch Lumber Co. (Idaho White Pine, Western Soft Pine, Lap Pine Siding)
SAND POINT—*Humbird Lumber Co. (Ltd.) (White Pine Lumber, Red Pine & Hard, Cedar Poles & Split Cedar Posts, etc, Ties, Poles & Posts, Cedar Poles & Split Cedar Posts)
§Sand Point Lumber & Pole Co. (Ltd.) (Red Cedar Posts, Poles, Piling & Shingles)
SPIRIT LAKE—*Panhandle Lumber Co., Ltd. (Panhandle Pine)

ILLINOIS.

ANNA—*Anna Lumber & Mfg. Co.
BELLEVILLE—Liese Lumber Co.
Reis J. B. Lumber Co.
CAIRO—§Atwood F. H. Lumber Co. (Lumber & Boxes, Veneered & Sawed Egg Cases, Box Shooks, etc)
Dunbar Mill & Lumber Co.
Langan P. T. Lumber Co. (Saw Mill)
*Weis-Peterson Box Co. (Sawed & Veneered Egg Cases, etc)
CHICAGO—§Abbott Frank I. (Pine & Hardwoods), 2201 Loomis
Acme Lbr. & Shingle Co., Great Northern bldg
Alexander Lumber Co., 332 S Michigan av
Allen Edmund A., 133 W. Washington
Anguera Lumber & Tie Co., 111 W Washington
Attley J. M. Co., 11 S La Salle
Bader John Lumber Co., 2020 Clybourne av
Baird D. W. Lumber Co. (Red Oak Gum & Birch), 1026 W. 22d
§Barrett Wm. E. & Co., 29 E. Madison
*Bay De Noquet Co. (Hemlock, Hardwood, White Pine, etc), 80 E Jackson blvd
§Benedict John S. Lumber Co. (Hardwood & Wagon Stock), 419 N Halsted
Big Bay Lumber Co., 2345 Loomis
*Bigelow Bros. & Walker Co. (Yellow Pine, Cypress & Hardwood), 5 N La Salle
Boyle Clarence (Inc.), Lumber Exch. bldg
§Brooks & Ross Lumber Co. (Pine & Hemlock), 39 S La Salle
Buckner Bros. Lumber Co., 332 S Michigan av
§Burns Jno. E. Lumber Co. (Yellow Pine), 700 W Chicago av
§Carey-Lombard Young & Co., 332 S Michigan av
Carney Lumber Co., 2335 Laflin
§Caryl A. H. (Commission Merchants), 133 W Washington
§Chicago Lumber & Coal Co., 11 S La Salle
*Chicago Mill & Lumber Co. (Lumber & Box Shooks), 111 W Washington
Columbia Hardwood Lumber Co. (Oak, Hardwoods), 2082 Dominick
§Continental Piling & Lumber Co. (Piling & Heavy Timber), 112 W Adams
*Cottage Grove Mfg. Co. (Sash, Doors, Blinds), 3912 Langley av
*Crandall & Brown (Red Cypress), 3300 S Racine av
*Crane W. B. & Co. (Timber, Ties, Cedar Posts, Planks, etc), 913 W 22d
§Cross Clarence L. (La. Red Cypress), Monadnock blk
§Darling Chas & Co. (Hardwood), 1055 W 22d
§Deacon J. C. & Co. (Pine), Loomis S of 22d
Deeves G. H. Lumber Co. (Yellow Pine, Mahogany, Hardwood, etc), 80 E Jackson blvd
Dermott Land & Lumber Co., Railway Exch.
De Vries S. J. & Co., 840 W. 47th
§Empire Lumber Co. (Cherry, Oak & Chestnut), 2034 Southport av
§Fathauer Theo. Co. (Hardwood), 1428 Cherry av
*Flanner-Steger Land & Lumber Co. (Hardwoods, White Pine, Yellow Pine, etc.), 28 E Jackson blvd
*Fourche River Lumber Co. (Soft Yellow Pine, Hardwood Lumber, Lath & Shingles), 5 N La Salle
§Gillespie John Lumber Co. (Lumber & Seward), W 22d & Laflin
§Goodman K. S. Co. (Pine, Hemlock, Hardwood, etc), 80 E Jackson blvd
Goodivillie Bros.
§Gillis & Co. (Lumber, Timber, Ties, etc), Heyworth bldg
§Gourley Arthur & Co. (Pines), 11 S La Salle
§Green Geo. Lumber Co., 22d & S Canal
Gregerstsen Bros. Co. (Cypress & Tupelo), McCormick bldg
Griffith Geo. D. & Co. (Northern Pine, Southern Yellow Pine & Hardwoods), 11 S La Salle
§Hayden & Westcott Lumber Co. (Plain & Quartered Sawed Oaks, Poplar, Rock Elm, Yellow Pine, etc), 80 E Jackson blvd
§Herbert Wm. A. & Co., 11 S La Salle
*Hettler Herman H. Lumber Co. (Maple Flooring "Monarch Brand"), 2601 Elston av
*§Hines Edward Lumber Co. (All Kinds), 2431 S Lincoln
*Holt Lumber Co., 431 S Dearborn
*Houston Geo. T. & Co. (Yellow Pine, Hardwood & Cypress), 80 E Jackson
Howes Lumber Co., 545 W 71st
International Lumber Co. (White Pine), 11 S La Salle
*§Keith Lumber Co. (Mahogany & Foreign Woods), 2350 Laflin
Kemler Lumber Co., 1168 N Halsted
§King W. O. & Co. (Yellow Pine, Maple, Cuban & Mahogany & Hardwood), 2453 Loomis
§Knudson & Mercer Lumber Co. White & Yellow Pine, Lath, Shingles, etc), 28 E Jackson blvd
§Lane J. L. & Co. (Southern Pine & Hardwood), 11 S La Salle
§Lesh & Matthews Lumber Co. (Native & Hardwood), 140 S. Dearborn
Lockwood & Strickland Co., 49th & Halstead
*Lord & Bushnell Co. (Yellow Pine), 2424 Laflin
§Lowe, Perley & Co. (Pine & Hardwoods), 332 S Michigan av
*Lyon Lumber Co. (Red Cypress), 208 S La Salle
Maisey & Dion (Hardwood & Cottonwood), 2349 Loomis
*Marsh & Bingham Co. (L. L. Yellow Pine; also Fir & Oak), 80 E Jackson blvd
§Matthias Russell J. Co., 30 N La Salle
Mears-Slayton Lumber Co., 1237 Belmont av
§Messinger Hardwood Lumber Co. (Hardwood), 2139 Elston av
§Mickle Geo. T. Lumber Co. (Yellow Pine, Timber, etc), 30 N La Salle
§Miller Jas. G. Lumber Co. (Commission Merchants), 11 S La Salle
*Mississippi Lumber Co. (Long Leaf, Yellow Pine), 332 S Michigan av. Mills: Quitman, Miss.
*Morgan Sash & Door Co., 2287 Blue Island av
*Nessen J. O. Lumber Co. (Yellow Pine & Southern Hardwoods), 122 S Michigan av
§Oconto Co. (Hemlock, Hardwood, White Pine, etc.), 80 E Jackson blvd
Pacific Lumber Co. (Redwood), 3612 S Morgan
*Paepcke-Leicht Lumber Co. (Box Shooks, Red Gums, Lumber, etc), 111 W Washington
*Paine Lumber Co., Ltd. (Mill Work), 111 W Wash.
Paltzer C. A. Lumber Co., 112 W Adams
*Pate D. S. Lumber Co. (Long Leaf Yellow Pine), 11 S La Salle
§Pike Dial Lumber Co., 2201 Loomis
Pilsen Lumber Co., 2201 Laflin
§Porter Frank Lumber Co. (Commission Merchant), 11 S La Salle
Pulaski Lumber Co., 1835 N Robey
*Rittenhouse & Embree Co. (Oak & Maple Flooring), 3500 S Racine av
Sargent Lumber Co., 112 W Adams
Schreiber Wm. C. Lbr. Co., 22nd & Throop
Schultz & Cowen Co. (Oak, Pine & Cedar Poles, etc), Old Colony bldg
*Soper Lumber Co. (Hardwood), 2204 Loomis
§Soper Lumber Co., 2204 Loomis
*Spalding Lumber Co. (Lumber, Lath & Shingles), 208 S La Salle
§Spry Lumber Co., 111 W Monroe,
Stewart A. T. Lumber Co., 7801 Greenwood av
Stone Frank B., 80 E Jackson
§Street-Chatfield Lumber Co., 1880 Fullerton av
Thornton-Clancy Lbr. Co., 2315 Elston av
*§Thornton E. A. Lumber Co. (Box Shooks), 11 S La Salle
§Tibbitts Cameron Lumber Co., 1808 Greenleaf av
§Trainer Bros. Lumber Co., Loomis S of 22d
§Upham & Agler (Hardwoods), Throop S of 22d
*Ward Lumber Co. (Hardwood), Chamber of Commerce bldg
§Wells R. A. Lumber Co. (Hardwood), 234 S La Salle
Wheelock Lumber & Mfg. Co., 1751 N Maplewood av
*White Lake Lumber Co., 122 S Michigan av
§White Lumber Co. (Hardwood), 1500 Webster av
*White Star Lumber Co. (Hemlock & Cedar), 11 S La Salle. Mills: Mattoon, Wis.
*Wilce T. Co. (Maple & Hardwood Flooring, Polished & Matched Ends), 2209 Throop
*Willey C. L. (Mahogany & Foreign & Domestic Hardwoods), 2558 S Robey
*Wisconsin Lumber Co. (Oak, Cottonwood, Elm, Sycamore, Cypress, Gum, Ash & Soft Maple), 606 S Michigan av. Mills: Deering, Mo.
*Wood Geo. E. Lumber Co. (Wis. Pine), 230 S La Salle
*Worcester C. H. Co. (Hemlock & White Cedar), 19 S La Salle
§Wuichet Louis (White Pine, Sugar Pine & Soft Pine), Ry Exch bldg

ILLINOIS—continued
DANVILLE—Danville Lumber Co.
Hooten Chas. B.
Trent Bros.
DECATUR—*Lyon G. S. & Sons Lumber & Mfg. Co.
EAST ST. LOUIS—Chicago Lumber & Coal Co. (Yellow Pine Mfrs.)
*East St. Louis Lumber Co., 2022 State
Fullerton Powell Hardwood Lbr. Co.
*Goedde B. & Co., Weber & Illinois av
ELGIN—Rinehimer Bros. Mfg. Co.
GALESBURG—§Simpson Jas. C. & Co.
GOLDEN—Golden Lumber & Contracting Co.
HOOPESTON—Moore & McFerren (Saw Mill, Lumber & Cottonwood Box Shooks)
KARNAK—*Main Bros. Box & Lumber Co.
KELL—Hays O. G. (Saw Mill)
LA SALLE—Hunter, Stevens & Co.
McLEANSBORO—*Wright T. B. & Son
MATTOON—*Gabbert Lumber Co. (Lumber & Planing Mill)
MOLINE—*Dimock, Gould & Co.
MOUND CITY—*Williamson-Kuny Mill & Lumber Co. (Southern Hardwoods, Long Oak Timber, Lath)
NEBO—Minier Bros.
PEORIA—Knetzger Chas. Lumber Co.
§Lord Lee H. & Co.
Miller Joseph & Sons (Lumber & Contractors)
Proctor J. C. Lumber Co.
PERU—Maze W. H. Co. (Planing Mill)
QUINCY—*McKee W. I. Lumber Co. (Fir, Spruce, Cedar, Redwood & Idaho White Pine)
*Menke-Grimm Planing Mill Co.
Moller & Vanden Boom Lumber Co.
ROCKFORD—*Green Bros. Box & Lbr. Co.
§Parsons Lumber Co.
§Smith-Du Plain & Crumb Co.
§Stone P. F.
ROCK ISLAND—*Rock Island Lumber & Mfg. Co. (Lumber, Lath & Shingles)
*Weyerhauser & Denkmann Co (White Pine)
SPRINGFIELD—Eielson A.
Schuck J. H. & Son
VANDALIA—Sonneman C. G. & Son
WINCHESTER—Hunter, Allen & Co.

INDIANA.

ANDERSON—Atherton M. Sons (Planing Mill)
Winters, Mercer & Brannum Lumber Co.
ARGOS—*Schafer Louis N. (Saw Mill)
ATTICA—Attica Lumber Co.
BATESVILLE—Hillenbrand (The) Co.
BATH—*Brier John T. (Saw Mill)
BERNE—Berne Lumber Co. (Saw Mill)
BIRDS EYE—Southern Indiana Mfg. Co. (Spokes & Bldg Material)
BLOOMINGTON—Fulwider W. A. Co. (Lumber)
BLUE RIDGE—*Marshall T. J. (Saw Mill)
BLUFFTON—Cline Tribolet Lumber Co.
*Ditzler Hardwood Co. (Hardwood)
Eaton Jas. B. (Lumber & Piling)
BOBO—*Colter Henry (Saw Mill)
BOONVILLE—*White C. P. Lumber Co. (Hardwood, Quartered Oak Saw & Planing Mill)
BRAZIL—Brazil Lumber Co.
Keasey N. T. Lumber Co. (Saw Mill)
Wilder E. D. & Co. (Planing Mill)
BROOKVILLE—Ferris John & Sons Planing Mill)
CAMPBELLSBURG — *Stratton & Co. (Saw Mill)
CANNELTON—*Zeller Bros. (Saw Mill)
CLAYPOOL — Alexander G. M. (Saw Mill)
COLUMBIA CITY—*Peabody S. J. Lumber Co. (Saw & Planing Mill)
CONNERSVILLE — Connersville Lumber Co.
CONVERSE—*Murphy & Kenny (Lumber & Planing Mill)
CRAWFORDSVILLE — Burkholder Saml. Lumber Co. (Hardwood)
CROWN POINT—Root C. D.
CUMBERLAND — Duncan Lumber Co. (Saw Mill)
DARLINGTON—*Lynch W. B. (Lumber & Saw Mill)
DECATUR—*Adams County Lumber Co. (Saw Mill)
*Smith & Bell (Saw Mill)
DUNKIRK—Dunkirk Lumber Co.
DUPONT—Graston G. W. Milling Co. (Saw Mill)
§Guthrie William A.
EAST ENTERPRISE—*Truitt Wm. P. & Son (Saw Mill)
ELKHART—*Elk Valley Lumber Co.
Monger C. L. Co. (W. & Com. Lumber)
§Monger R. W. Co.
ELWOOD—Heffner Lumber & Coal Co. (Saw & Planing Mill)
Winters Lumber Co.
EVANSVILLE—Cutsinger F. M. (Saw Mill)
Evansville Planing Mill Co. (Saw Mill)
Fullerton-Powell Hardwood Lumber Co.
*Helfrich Lumber & Mfg. Co.
§McFerson & Foster Co. (Cottonwood, Poplar Box Shooks)
*Maley & Wertz (Hardwoods, Quartered Oak & Saw Mills)
*Reitz Clemens Sons Co. (Saw Mill)
*Reitz John A. & Sons (Saw Mill)
Schultze Geo. T. Lbr. Co.
*Schultze, Walthan & Co. (Saw & Dimension Mill)
*Von Behren Mfg. Co. (Spokes & Bentwood)
§Wolflin-Luhring Co. (Yellow Pine & Southern Hardwoods)
FERDINAND—*Beckman & Sauer (Saw & Planing Mill)
*Bolte Ben & Son (Saw Mill)
FLORA—*Flora Saw Mill Co. (Saw Mill)
ply Co.
FORT WAYNE—Fort Wayne Builders Sup-
*Fort Wayne Lumber Co.
Franke H. (Planing Mill)
*Gilmartin Edw. & Sons (Hardwood & Planing Mill)
Halker Bros. (Saw Mill)
*Hoffman Bros. Co. (Hardwood & Veneers)
Klett Jacob & Sons (Planing Mill)
*Mossman Wm. E.
*Perrine-Armstrong Co. (Long Timber, etc)
FOWLER—Evans & Calloway
GOSHEN—*Irwin Jno. W. (Est. of)
*Sanders & Egbert Co. (Hardwood)
*Young-Greene Lumber Co. (Hardwood)
GOSPORT—*Sanders A. J. & Sons (Saw Mill)
GREENCASTLE—*Barnaby C. H. (Hardwoods and Oak Veneers)
GREENTOWN—*Cuthrell John A. (Saw Mill)
HAGERSTOWN—Keagy Henry W.
Werking John E. (Saw Mill)
HAMBURG—*Bramlage, Louis (Saw Mill)
HARTFORD CITY—*Willman Lumber Co. (Saw Mill & Lumber)
*Winklebeck & Waters (Saw Mill & Hardwood Lumber)
HUNTINGBURG—*Stimson J. V. (Saw Mill)
HUNTINGTON—Kenower John & Sons Hardwood & Planing Mill)
INDIANAPOLIS—*Bachman F. M. Co.
Madison av c Lincoln
§Buddenbaum Lumber Co.
§Capitol Lumber Co.
§Carter-Lee Lumber Co., 1621 W Washington
§Dickson Jas. C. (Oak, Ash & Poplar), 936 E Vermont
§Dynes-Pohlman Lumber Co.
Eaglesfield & Shepard
§Eichholtz Geo. W. & Son
§Foster R. S. Lumber Co. (Hardwood, Veneered Doors, Mantels, Stairways, etc)
§Guthrie William A.
*Indianapolis Manufacturers' & Carpenters' Union (Pine, Poplar & Ash)
§Long-Knight Lumber Co. (Plain & Quartered Oak, White Ash, etc), 1025 Lewis
Maas-Neimeyer Lumber Co.
§Michigan Lumber Co. (Long Joist & Heavy Timber), 929 E St. Clair
§Pinnell J. W. & Co., 230 E Ohio
§Talge Mahogany Co., 1101 E 13th
*Walnut Lumber Co. (Hardwood), 1635 W Michigan
*§Wilkinson-Allena Lumber Co.
KOKOMO — *Armstrong-Landon Co. (Hardwood & Pine)
Indiana Lumber Co.
LAFAYETTE—*Lafayette Lumber Co.
LA PORTE—*Wise H. (Saw Mill)
LENA—*Brattain E. C. (Saw Mill)
LOGANSPORT—Fernald Willmont L. (Saw Mills)
MARION—*Barley & Spencer Lumber Co.
§Marion Lumber Co.
MENTONE—*Central Lumber Co. (Saw Mill)
MONTPELIER—Bryson D. A. (Saw Mill)
MOUNT SUMMIT—*Ice F. P. & Son (Saw Mill)
MUNCIE—Kirby-Wood Lumber Co.
Muncie Lumber Co.
NAPOLEON—*Grow F. J. (Saw Mills)
NEW ALBANY—*Roberts & Veneer Co. (Veneer & Lumber)
Wood Mosaic Co. (Hardwood Lumber & Oak Flooring)
NEW POINT—*Puttmann John J. (Saw Mill)
NORTH VERNON — *Cone Jos. D (Spokes, etc)
*Litchfield Bros. (Hardwood)
*†North Vernon Lumber Co. (Hardwood)
Richardson J. B. & Son
PERU—*Eisaman & Richer (Saw Mill)
PLEASANT LAKE—*Goodwin Lumber Co.
PLYMOUTH—*Morris C. L. (Saw & Planing Mills
PORTLAND—*Adams D. L. (Staves & Headings)
North, Frazier & Co. (Saw Mill)
RICHMOND—*Johnson B. & Son (Lumber, Piles & R. R. Ties)
§Kramer C. & W. Co. (Hardwood)
ROCKVILLE — *Ferguson Lumber Co. (Planing Mill)
RUSHVILLE—§Case Jasper D. (Hardwood)
Pinnell & Tompkins Lumber Co.
SALEM—*Crim C. M. & Son
SHELBYVILLE—Stroup S. P. Lumber Co.
*Swain-Karmire Lumber Co.
SHERIDAN—*Palmer George H. (Saw Mill)
SOUTH BEND—*Fullerton-Powell Hardwood Lumber Co. (Hardwood & Box Lumber)
TERRE HAUTE—*Hooton Lumber Co.
TYNER—*Powell Charles H. (Saw Mill)
VINCENNES—*Maley & Wertz (Saw Mill)
Updike J. B. & Co. (Saw Mill)
WASHINGTON—*Murdock Lumber Co. (Hardwood Lumber & Veneers, Fancy Figured Quartered Oak a Specialty)
WOODBURN—*Woodburn Lumber Co. (Saw Mll)

IOWA.

BELLEVUE—*Bittner Louis Lumber Co. (Hardwood)
*Dorchester & Hughey (White Pine)
BOONE—Fehleisen-Rosacker Lumber Co.
BURLINGTON—*Burlington Lumber Co. (White Pine)
*Gilbert Hedge Lumber Co.
*Nairn, Gillies Co. (Sash & Door Factory & Planing Mill)
Rand Lumber Co.
CEDAR RAPIDS—§Canfield Lee Lumber Co.
Cedar Rapids Lumber Co.
Fay Bros. & Co.
Limback & Jeffrey
Williams & Hunting Co. (Planing Mill)
CLINTON—§Curtis Bros. & Co. (Mill Work, Pickets, Flooring, Siding, Ceilings, etc)
Peterson, Bell & Co. (Box Shooks & Crates, etc)
CORYDON—Corydon Lumber Co.
COUNCIL BLUFFS—§Bluff City Lumber & Coal Co.
Hafer C. Lumber Co.
§Hoagland Geo. A.
§Quinn H. A. Lumber Co.
DAVENPORT—*McClelland T. W. Co.
*Mueller Lumber Co. (Planing Mills, Yellow Pine, White Pine, Fir, Cypress Lath, Moulding)
*Roberts U. N. Co.
§Seiffert H. O. Lumber Co. (Shingles),
*Weyerhaeuser & Denkmann Co.

DES MOINES—Church W. C. Lumber Co. (White Cedar Poles & Posts)
*Gilcrest J. K. & W. H. Co.
*Green Bay Lumber Co.
Jewett Lumber Co.
*Queal J. H. & Co.
§Wheeler Lumber Bridge & Supply Co.
*Wisconsin Lumber Co.
DUBUQUE—§Ernsdorff John Iron Co. (Hardwood Only)
*Farley & Loetscher Mfg. Co. (Sash, Doors, Blinds)
*Metz Mfg. Co. (Sash, Dors, Blinds, etc)
*Standard Lumber Yard Co.
FORT DODGE—Conway Lumber Co.
Mason & O'Connell
FORT MADISON—*Atlee S. & J. C. (White Pine)
HARLAN—Dow & Sandham
HAWARDEN—Schoeneman Bros. Co.
INDIANOLA—Harlan J. M. Lumber Co.
KEOKUK—Carter Mfg. Co.
Schmidt Henry & Sons Co.
*Taber Lumber Co.
LEHIGH—*Harrington S. W.
MANCHESTER—*Wolcott Bros. (Lumber & Shingles)
MARSHALLTOWN—Buchwald Chas. A. Lumber Co.
Cartwright T. C.
Citizens Lumber Co.
MISSOURI VALLEY—Deur C. H.
MUSCATINE—*Muscatine Lumber & Coal Co.
NEWTON—*Skow Mfg. Co.
OSKALOOSA—§Hawkeye Lumber Co.
Kalbach Lumber Co.
OTTUMWA—Fletcher Lumber Co.
McGavic S. L. Lumber Co.
REINBECK—Porter Lumber Co.
SIOUX CITY—Ford Lumber Co.
*Fullerton Lumber Co.
Spaulding Avery Lumber Co.
WATERLOO—§Chapman C. W. Lumber Co.
Gronen & Cowan
§Iowa Lumber Co.
§Jackson Lumber & Supply Co. (Shingles & Lumber)
*Nauman Co.
Waterloo Lumber Co.

KANSAS.

ATCHISON—*Carlisle Pennel Lumber Co.
CHANUTE—Chanute Lumber Co.
HUTCHINSON—§Hutchinson Lumber & Planing Mill Co.
IOLA—Northrup Lumber Co.
KANSAS City—Ellis John W. (Planing Mill)
LEAVENWORTH—Lambert Lumber Co.
NEWTON—Swartz S. M., Lumber Co.
OLATHE—Hodges Bros.
PITTSBURGH—Sandford-Robinson Lumber Co.
ROSSVILLE—*Thomas J. & Co.
TOPEKA—§Central Sash & Door Co.
§Thomas J. & Son
WICHITA—*Louisiana Red Cypress Lumber Co.
Western Planing Mill Co.
§Wichita Sash & Door Co.

KENTUCKY.

ARLINGTON—Arlington Lumber Co.
ASHLAND—*Ashland Lumber Co.
§Dawkins W. H. Lumber Co. (Wholesale Poplar & Oak)
*Herrmann H. Lumber Co.
*Standard Planing Mill Co.
*Vansant, Kitchen & Co.
*Wright, Kitchen Lumber Co. (Yellow Poplar, Oak, Ash, Pine, etc)
BARBOURSVILLE—*Minton T. W. & Son (Hickory Dimension Stock)
*Rathfon, Scent & Co.
BENTON—Treas. Lumber Co.
BONNIEVILLE—Stamp J. M. (Saw Mill)
BOONSBORO—Stevens H. L. (Saw Mill)
BOWLING GREEN—Kister F. L., Jr., (Saw & Planing Mill)
*Roemer Bros. (Planing Mill)
Russell J. N. Lumber Co.
BRADFORDSVILLE—Terhune's B. Sons (Saw Mill)
BURNSIDE—*Kentucky Lumber Co. (Lumber & Saw Mill)
CADIZ—*Woodruff Planing Mill Co.
CAMPBELLSVILLE — *Campbellsville Lumber Co. (Hardwood)
CANEYVILLE—Bond W. T. (Cross Ties & Lumber)
CARROLLTON—*Adkinson Bros. Co.
CATLETTSBURG—*Nigh S. H. & Bro.
CENTRAL CITY—*Central City Lumber & Mfg. Co.
COVINGTON—*Hellman Lumber & Mfg. Co. (Planing Mill, etc)
DANVILLE—*Danville Lumber & Mfg. Co.
ELIZABETHTOWN—Bond Bros. (R. R. Crossties)
FRANKFORT—Capital Lumber & Mfg. Co. (Planing Mill)
*Kenney B. E. Lumber Co. (Saw Mill)
FROZEN CREEK—Day J. Taylor (Staves & Ties)
FULTON—Swain-Karmire Lumber Co.
GLASGOW—§Lewis-Wilson-Hicks Co.
*Redman Wm. (Staves)
Smith J. N.
HAZEL—*White J. T. & Son
HAZEL GREEN—Day J. Taylor
HENDERSON—*Clore Joseph O. & Son (Lumber, Saw & Planing Mills)
*Rankin Lumber Co. (Saw Mill)
HIGHBRIDGE—Hughes J. D. Lumber Co. (Saw & Planing Mill)
HIGHLAND PARK—*Gamble Bros.
HITCHINS—Eastern Kentucky Lumber Co.
HOPKINSVILLE—*Forbes Mfg. Co.
IRVINE—Snowden A. D. & Bro. (Saw Mills)
JACKSON—*Day Lumber & Coal Co. (Hardwood)
KEAVY—Storm S. L. (Lumber, Staves & Ties)
Storm John (Saw Mill)
KINGS CREEK—Field A. J. & Son (Saw Mill)
KNOBLICK—Allen O. C. (Saw Mill)
LANCASTER—*Lancaster Lumber & Mfg. Co.
LEBANON—*Lebanon Lumber Co.
LEXINGTON—§Blue Grass Lumber Co.
*Curran Lumber Company
Hendricks-Moore-Young Co.
*Louise Lumber Co.
*Spotswood E. R. & Son (Hardwood)
LIMABURG—Rouse J. S. (Saw Mill)
LIVERMORE—*Quigg Mfg. Co. (Staves)
LONDON—*London Mfg. Co. (Lumber)
§Murphy D. B. & Co.
LOUISA—*Northrup Jay H. (Ties, Lumber, Staves)
LOUISVILLE—*Central Planing Mill & Lumber Co.
§Comstock L. H.
*§Davis E. L. Lumber Co. (Hardwood)
Gage W. M., 735 W Green
§Gamble Bros. (Yellow Pine, Yellow Poplar, Hardwood)
§Gernert Bros. Lumber Co. (Saw Mill)
§Graham S. P. Lumber Co., 810 Magazine
Kirwan Bros. (Saw Mill), Fulton & Adams
*Koehler Hy. & Co. (Planing Mill, Hardwood, Yellow Pine, etc), 12th & B'way
Louisville Point Lumber Co. (Saw Mill), 1138 Fulton
Mehler & Eckstenkemper Lumber Co. (Cedar), 901 Fehr av
*Norman Lumber Co. (Saw Mill, Hardwood, Ash, Oak, Poplar, Walnut, etc)
*Ohio River Saw Mill Co. (Saw Mill)
§Russell Frank B. (Beer Staves)
MARCELLUS—Poindexter C. K. (Saw Mill)
MARYDELL—Gregory M. (Saw Mill)
MONICA—Hieronymus C. H. (Saw Mill)
MOREHEAD—*Bradley S. M. (Mfr. & W. Lumber, Staves, etc)
MUD LICK—*Webb Wm.
MURRAY—*Hay Jas. P., Lumber Co.
NEWPORT—Voss Frank (Lumber & Planing Mill)
Weingartner's Jos Sons (Lumber & Planing Mill)
OWENSBORO—Owensboro Planing Mill Co. (Hardwood)
PADUCAH—§Faust J. H. & Co. (Thick Yellow Poplar)
*Ferguson & Palmer Co. (Hardwood, Red & White Oak, Poplar, etc)
Fooks Lumber Co.
*Langstaff-Orm Mfg. Co. (Saw & Planing Mill)
Sherrill-King Mill & Lumber Co. (Saw Mill)
Sherrill-Russell Lumber Co.
*§Smith A. B. Lumber Co. (Cypress & Hardwood Lumber, etc)
PANOLA—Madison-Jackson-Estill Lumber & Development Co. (Hardwood Lumber)
PINEVILLE—*Asher A. J. (Saw Mill)
RICHMOND—*Richmond Lumber Co.
RINALDO—Mitchell J. W. (Saw Mill)
SALT LICK—Fell W. J. (S. Lumber, Staves)
Salt Lick Lumber Co. (Saw & Planing Mill)
SCOTTSVILLE—*Thompson, Wade & Co.
SOMERSET—*Edgett & Ellis Co.
*Winfrey Stave & Lumber Co.
TORRENT—*Day J. Taylor (Saw Mill)
VINEGROVE—Vinegrove Lumber Co.
WALTON—*Mayhugh J. D. Mfg. Co. (Lumber)
WINCHESTER—Scobee R. P & Son Co.
Winchester Lumber & Mfg. Co.

LOUISIANA.

ALBERTA—*Bienville Lumber Co. (Ltd.) (Yellow Pine)
ALDEN BRIDGE—*Strayhan J. F. (Saw Mill)
ALEXANDRIA—*Alexandria Lumber Co., (Ltd.) (Long Leaf Yellow Pine)
*Ball J. F. & Bro. Lumber Co. (Ltd.)
*Brenner Ferd. Lumber Co.
Enterprise Lumber Co. (Ltd.)
Hayslip & Dear
ALOHA—*Williams H. R. (Shingle Mill)
ANSLEY—*Davis Bros. Lumber Co. (Ltd.) (Yellow Pine)
ARABI—*St. Bernard Cypress Co. (Ltd.)
ARNAUDVILLE—Greig George
ATHENS—Pace W. H. (Saw Mill & Lumber)
ATLANTA—*Germain & Boyd Lumber Co. (Branch of Saginaw, Mich.)
BALDWIN—*Baldwin Lumber Co. (Ltd.) (Cypress)
BARHAM—*Pickering W. R. Lumber Co. (Yellow Pine)
BASKIN—*Baskin Lumber Co. (Saw Mill)
BATCHELOR—*Northern Lumber Mfg. Co.
BAYOU CHICOT—Johnson Louis (Saw Mill)
BERNICE—Bernice Lumber Co. (Ltd.)
BOGALUSA—*Great Southern Lumber Co.
*Louisiana Lumber Co.
BOLINGER—*Bolinger S. H. & Co. (Ltd.) (Yellow Pine)
BONAMI—*King-Ryder Lumber Co. (Yellow Pine)
BONFOUCA—*Bayou Liberty Lumber Co. (Saw Mill)
BOWIE—*Bowie Lumber Co. (Ltd.) (Lumber & Shingle Mill)
BOYCE—*Boyce Lumber & Realty Co. (Saw & Planing Mill)
*Looney Rivers Lumber Co.
BREAUX BRIDGE—Begnaud J. W. (Lumber)
BROUSSARD—*Comeaux Lumber Co.
BRYCELAND—*Bryceland Lumber Co., Ltd.
BUNKIE—*Climax Lumber Co. (Hardwood)
Haas W. D. & Co. (Lumber & Saw Mill)
BURTON—*Burton-Swartz Cypress Co.
CHACAHOULA—*Goodland Cypress Co. (Red Cypress). Office: New Orleans
CLARKS—Louisiana Central Lumber Co.
CLIFFORD—*Coyle H. J. (Saw Mill)
COLFAX—*Big Pine Lumber Co. (Ltd.)
*Colfax Hardwood Lumber Co. (Hardwood)
Iatt Lumber Co., Ltd.
*Sabine Lumber Co. (Yellow Pine). Office: St. Louis, Mo.
COTTON VALLEY—Porter-Wadley
COUSHATTA—Corley W. C. (Saw Mill)
DELHI—*Weis & Lesh Mfg. Co., (Branch of Muncie, Ind.)
DENHAM SPRINGS—Brown W. F. & Sons (Saw Mill)
DE RIDDER—*Hudson River Lumber Co. (Yellow Pine)
DONNER—*Dibert, Stark & Brown Cypress Co. (Ltd.) (Cypress Lumber Lath & Shingles, Mouldings, Finish & Pickets, Hewn & Sawn Ties & R. R. Timbers, etc.)
DOSSMAN—Hellmer R. M. (Saw Mill)

LOUISIANA—continued
DUBACH—*Dubach Lumber Co. (Ltd.) (Long & Short Leaf Yellow Pine)
DUNN—*Cook Fred
EDNA—*Powell Lumber Co. (Saw Mill)
ELBA—*Evans W. S. & Son (Saw Mill)
ELIZABETH—*Industrial Lumber Co. (Saw Mill)
FISHER—*Louisiana Long Leaf Lumber Co. (Yellow Pine)
FRANKLIN—*Kyle Lumber Co. (Ltd.) (Cypress)
FRANKLINTON—*Fordney Fassett Co.
*McCreary Lumber Co. (Saw Mill)
FROZARD—*Oliver A. C. (Saw Mill)
GALBRAITH—*Louisiana Lumber & Shingle Co., Ltd.
GARDEN CITY—Hanson Albert Lumber Co. (Ltd.) (Saw Mill)
GARYVILLE—*Lyon Lumber C. (Red Cypress)
GENESEE—Genesee Lumber Co.
GLENMORA—*Kirkpatrick Lumber Co. (Ltd.)
Louisiana Saw Mill Co. (Southern Yellow Pine, Cypress)
GOODPINE—*Good Pine Lumber Co. (Saw Mill)
GUY—*Hurricane Creek Lumber Co. (Saw Mill)
HAMMOND—Hammond Lumber Co. (Ltd.)
*Kent Amos Lumber & Brick Co.
*Natanbany Lumber Co. (Ltd.) (Yellow Pine)
HARVEY—*Louisiana Cypress Lumber Co. (Ltd.) (Red Cypress, Lumber & Shingles)
HODGE—*Huie-Hodge Lumber Co. (Ltd.)
HOLDEN—*McCaroll Lumber Co. (Ltd.) (Saw Mill)
HOLLY RIDGE—*Norman Lumber Co. (Branch of Louisville, Ky.)
HOULTONVILLE—*Houlton Lumber Co. (Saw Mill)
HOUMA—Houma Cypress Co. (Ltd.)
HUTCHINSON—*Bayou Blue Lumber Co.
INDEPENDENCE—Day E. H. (Saw Mill)
Independence Veneer & Box Mfg. Co. (Ltd.)
JEANERETTE—*Bourgeois & Beaullieu, (Loggers)
Jeanerette Lumber & Shingle Co. (Ltd.) (Cypress)
*Planters' Lumber Co. (Ltd.) (Cypress, Lumber, etc)
JENA—*White Sulphur Lumber Co. Ltd.
JONESBORO—*Autoine Lumber Co. Ltd.
*Tremont Lumber Co.
KENTWOOD—*Brooks-Scanlon Co. Lumber Mfrs. (Long Leaf Yellow Pine, Band & Gauged, Sawed Planing (Mill Work, etc.)
*Kent Amos Lumber & Brick Co. (Ltd.) (Yellow Pine)
KINGSTON—*Kingston Lumber Co.
LAARK—*Kimball Lumber & Mfg. Co.
LAKE ARTHUR—*Bomer-Ferguson Co. (Ltd.)
LAKE CHARLES—*Bel J. A. Lumber Co. (Ltd.) (Yellow Pine)
*Calcasieu Long Leaf Lumber Co.
*Hodge Fence & Lumber Co. (Ltd.) (Saw Mill, Lumber, Fencing & Yellow Pine)
*Lyons Lumber Co. (Ltd.)
*Martin Tram Co. (Logging)
*Powell Lumber Co. (Ltd.) (Lumber, Yellow Pine & Saw Mill)
Stout J. C. Lumber Co. (Saw Mill)
LEESVILLE — *Nona Mills Co. (Ltd.) (Yellow Pine). (See Beaumont, Tex.)
*Roberts Lumber Co.
LOFTON—*Bradford-Kees Lumber Co. (Ltd.)
LONG LEAF—*Crowell & Spencer Lumber Co. (Ltd.) (Yellow Pine)
LONGSTREET—*Holmes L. T. (Saw Mill)
*Longstreet Lumber Co. (Ltd.)
*Washburn Lumber Co.
LONGVILLE—*Longville Lumber Co. (Saw Mill)
LOTTIE—Wilson & Cochran (Cypress)
LUDINGTON—*Ludington Lumber Co.
LUTCHER—*Lutcher & Moore Cypress Lumber Co. (Ltd.) (Red Cypress)
McELROY—*Ascension Red Cypress Co. Ltd.
McNARY—*Cady W. M. Lumber Co. (Yellow Pine)
MACLAND—*McDonald Bros.
MADISONVILLE—Dendinger Theo. (Saw Mill)
MANDEVILLE—Poitevent & Favre Lumber Co. (Southern Yellow Pine)
MANGHAM—*Stewart-Greer Lumber Co.
MANSFIELD — *Frost-Johnson Lumber Co. (Branch of Shreveport)
*Mansfield Lumber Yards (Branch of Sears, Roebuck & Co., Chicago, Ill.)
MAYNA—*Red Star Lumber Co. (Ltd.) (Saw Mill)
MERRYVILLE—*American Lumber Co.
MIDLAND—*Callahan Lumber Co. (Ltd.) (Planing Mill & Lumber)
MINDEN—*Minden Lumber Co.
MOBERLY — *Cummings-Moberly Cypress Co. (Saw Mill)
MONROE—*Grayling Lumber Co. (Branch of Detroit, Mich.)
*Hardwood Mfg. Co.
*Monroe Shingle Co. (Shingle Mill)
*North Louisiana Shingle Co. (Ltd.) (Shingle Mill)
MORGAN CITY—*Brownell-Drews Lumber Co. (Ltd.) (Cypress Lumber & Shingles)
Chapman-Storm Lumber Co. (Shingles)
*Cotton Bros. Cypress Co. (Ltd.) (Lumber & Shingles)
MORLEY—*Morley Cypress Co. (La. Cypress)
MYRTIS—*Southern Lumber Co,
NAPLES—*Naples Lumber Co. (Ltd.) (Saw Mill)
NAPOLEONVILLE — *Napoleon Cypress Co. (Ltd.)
NATALBANY—*Natalbany Lumber Co. (Ltd.) (Yellow Pine)
NATCHITOCHES — *O'Quinn - Williams Lumber Co. (Ltd.)
NEW IBERIA—*Gebert Shingle Co. (Ltd.) (Cypress Lumber & Shingles)
*Renoudet P. L. Lumber Co. (Ltd.) (Saw Mill)
NEWLIN—*Strange W. G. Lumber Co. Ltd.
NEW ORLEANS—§Acme Lumber Co., (Ltd.), 1023 Hibernia
*Ascension Red Cypress Co., Ltd.
§Bateman J. B. Jr., Whitney bldg
*§Berwick Lumber Co., Ltd., Cleo. & Freret
§Boudreaux L. S.
*Carre W W. Co., Ltd. (Yellow Pine Exporters), 814 Hibernia bldg
§Central Mfg. & Lumber Co. (Ltd.), S Salcedo & Perdide
§Crescent Lumber Co., Ltd.
§Downman R. H., Hibernia bldg
§Forcheimer Hugo (Exporter, Logs, etc), Whitney bldg
Goodland Cypress Co., Hibernia bldg (Red Cypress. Mills: Chacahoula, La.
§Knoop Otto Lumber & Realty Co., 1217 Julia
*Lambou & Noel Lbr. & Mfg. Co.
§Lhote & Co., Whitney bldg
*Louisiana Red Cypress Co., Hibernia Bank bldg (Rough & Dressed Red Cypress Lumber, Shingles, Mouldings, Lath, Pickets, etc)
*Maurepas Milling Co. (Saw Mill)
*Moore Lucas E. Stave Co., Weis bldg (White Oak Cooperage Stock & Hardwood Lumber Co, etc.)
§Opdenweyer-George Lumber Co., Perdido & Lopez
*Otis Mfg. Co., Octavia & River (Mahogany)
*Pointe Coupee Stave & Lumber Co.
§Poitevent & Favre Lbr. Co., L. & L. & G. bldg
§Rees-Scott Co. (Ltd.), 911 Hibernia bldg (Exporters, Staves & Lumber)
§Roberts & Co., 1419 Gravier
Robinson Lumber Co, 717 Whitney (Yellow Pine, Satin, Walnut, etc),
*Ruddock Orleans Cypress Co., Carrollton av & New Basin (Cypress Lumber)
*Salmen Brick & Lumber Co., Ltd., Whitney bldg (Yellow Pine, Cypress Lumber)
*Schut & Kiehn, Hennen bldg (Hardwood Exporters)
Southern Pine Ass'n (Hardwood)
§Southern Saw Mill Co., Ltd., Whitney bldg (Red Cypress)
Standard Export Lbr. Co. (Yellow Pine), Whitney Central bldg
Sutherland L. J. & Co. (Exporters Pitch, Pine, Timber, Staves)
Thomas G. H. A. Co., Broad & Poydras
Union Lumber Co.
OAKDALE—Forest Lumber Co. (Cypress, Southern Yellow Pine)
*Industrial Lumber Co. (Yellow Pine)
PATTERSON—*Riggs Cypress Co. (Ltd.) (Lumber & Planing Mill)
Williams F. B. Cypress Co. (Ltd.)
PAWNEE—Pawnee Land & Lumber Co. (Cypress, Southern Yellow Pine)
PICKERING—*Pickering W. R. Lumber Co. (Yellow Pine). (See Kansas City, Mo.)
PLAQUEMINE—*Plaquemine Stave & Heading Co. (Ltd.)
*Schwing Lumber & Shingle Co. Ltd. (Cypress)
*Wilbert's A. Sons Lumber & Shingle Co. (Red Cypress, Lumber & Shingles)
RAMOS*Ramos Lumber Co. (Ltd.) (Red Cypress Lumber, Lath & Shingles)
RANDOLPH—Summit Lumber Co. (Yellow Pine)
REEVES—*Clear Creek Lbr. Co.
RUSTON—*Adams J. A. & Sons Co. (Ltd.) (Staves)
§Cleaton J. A.
*Ruston Mfg. Co. (Planing Mill)
ST. JOSEPH—*Case Lumber Co. (Ltd.)
ST. MARTINVILLE—§Burdin J. J. & Bro. Lumber & Saw Mill)
SALINE—*Payton Bros. Lumber Co.
SELMA—*Grant Timber & Mfg. Co. (Yellow Pine)
SHREVEPORT—*Allen Mfg. Co. (Ltd.), (Yellow Pine Lumber, Cypress Pickets, Mouldings, Red Cypress Cisterns, etc.)
*Bolinger S. H. & Co. (Ltd.), (Saw Mill & Planing Mills)
*Bradford-Hicks Lumber Co.
*Coleman Lumber Co. (Ltd.)
§Commercial Lumber Co.
*Frost-Johnson Lumber Co.
§La Yellow Pine Co. (Shingles, etc)
§Nelson Jacks Lumber Co.
*Peavy-Byrnes Lumber Co. (Calcasieu Long Leaf Virgin Pine)
§Shreveport Lumber Co. (Hardwood)
§Snyder Wagon Co., Ltd. (Saw Mill)
*Victoria Lumber Co. (Ltd.), (Planing Mill, etc)
*Weaver Bros. (Saw Mills)
*Werner Louis Stave Co.
SORRENTO—Opdenweyer-Alcus Cypress Co.
SPRINGFIELD—*Bakenridge Lumber Co. (Ltd.), (Saw Mill)
TALISHEEK—*Ozone Lumber Co. (Ltd.)
URANIA—Urania Lumber Co. (Ltd.), (Long Leaf Yellow Pine, R. R. Construction & Car Materials)
VIVIAN—*Thomason W. J.
WASHINGTON—Gibbins T. C. (Saw Mill)
*Thistlewaite Lumber Co. (Ltd.), (Saw Mill)
WESTLAKE—*Krause-Managan Lumber Co. (Ltd.)
*Lock, Moore & Co. (Ltd.), (Long Leaf Yellow Pine)
WEST MONROE—*West Monroe Mfg. Co. (Ltd) (Sashes, Doors, etc)
WHITECASTLE—*Whitecastle Lumber & Shingle Co. (Ltd.), (Red Cypress)
WINNFIELD—*Mansfield Hardwood Lumber Co.
Tremont Lumber Co. (Yellow Pine)
WINNSBORO—Steele & Johnson (Saw Mill)
WOODWORTH — *Rapids Lumber Co. (Ltd.), (Yellow Pine)
WYATT—*Wyatt Lumber Co. (Ltd.), (Yellow Pine)
YELGAR—*Bucley Lumber Co.
ZIMMERMAN—*Bentley J. A. Lumber Co. (Yellow Pine)
ZWOLLE—Sabine Lumber Co. (L. L. Yellow Pine)

MAINE.

ALEXANDER — *Dowelley George B. (Shingles)
ALFRED—*Jordan B. C.
ARROWSIC—*Crosby Bros. Co. (Saw Mill)
ASHLAND—*Ashland Co.

AUBURN—*Hutchins H., Wesley Co. (Basswood Veneer)
*Winter Frank W.
AUGUSTA—*Augusta Lumber Co. (Pine & Spruce Lumber, Lath & Shingles)
BANGOR—*Cassidy John & Son
Eastern Mfg. Co.
*Morse & Co.
BAR MILLS—*McKenney Chas. H.
BATH—*Passmore H. T. (Lumber & Mill Work)
*Rogers Bros.
*Shaw M. G. Lumber Co.
BINGHAM—*Lander & Ayer
BRIDGTON—*Newcomb Geo. W.
CALAIS—Eaton H. F. & Sons
*Murchie Chas. F.
CASCO—*Hancock S. O.
ELLSWORTH FALLS—*Treworgy, Chas. J. (Stave Headings, Shingles & Box Shooks)
§Whitcomb, Haynes & Whitney (Spruce & Hemlock Lumber, Lath & Shingles)
GARDINER—*Gray Joshua & Sons (Lumber, Shingles & Lath)
ISLAND FALLS—*Mattawamkeag Lumber Co.
LEWISTON—§Pingree Samuel R. B.
LIMESTONE—*Noyes A. L.
MARS HILL—*York R. A.
NEW GLOUCESTER—Chandler Bros.
OLD TOWN—*Jordan Lumber Co. (Box Shooks & Lumber)
*Wing-Engel Box Co. (House Finish, Box Shooks, etc)
PORTLAND—*Allen Wm. A. Co. (Wood Mantels, Tiling of all kinds, Posts, Rails, Columns, etc., House & Church Finish)
*Brown Co. (Spruce Lumber, Clapboards, Shingles, Lath Pickets, Dimension Boards, etc.)
Hamlen J. H. & Son (White Pine & Spruce)
*McDonald Mfg. Co.
*Richardson, Dana & Co. (So. Pine, Cypress & Hardwood)
PRESQUE ISLE—*Phair Chas. F. A.
RUMFORD—*Dunton Lumber Co. (Saw Mill)
SHAWMUT—*Shawmut Mfg. Co. (Lumber & Pulp)
SHIRLEY MILLS—*Shirley Lumber Co.
SOUTH BREWER—*Sargent's Lumber Co.
SOUTH GARDINER—*Lawrence Bros. Co. South Gardiner Lumber Co.
STRONG—Warren Hugh M.
VAN BUREN—*Grand Isle Lumber Co. Lumber & Shingles)

MARYLAND.

BALTIMORE—§Alcock John L. & Co. (Exporters of Hickory, Oak, Poplar & Walnut), 1 S Gay
§American Lumber Co. (Lumber & Shingles), 1407 Philpot
§Asendorf J. H. & Co. (Ga., N. C. & Va. Yellow Pine), Stewart bldg
Baer R. P. & Co. (Hardwood), Md. Casualty bldg
§Burgan Wm. M. (N. C. Pine & Cypress & Shingles), American bldg
§Canton Lumber Co. (Kiln Dried N. C. Pine, Ga. & Va. Sizes), Boston ft of Kenwood av
§Carter David T. & Co. (Hardwood Mfrs.), Law bldg
§Dill Harry H. (Hardwood), Equitable bldg
§Dill Lewis & Co. (Long & Short Leaf Yellow Pine), Keyser bldg
Duker Otto & Co. (Planing Mill), Fleet & Albemarle
§Edwards B. W. & Sons (Short & Long Leaf Yellow Pine), 17 S Gay
Georgia Pine Co. (Cedar & Pine), Elliott & Linwood av.
§Gilbert J. L. & Bro. Lumber Co., E Falls & Eastern avs
Grube Herman L. (Hardwood Lumber, Piling, Posts, Ties, Poles, etc), American bldg
§Heise & Bruns Mill & Lumber Co., 600 S Caroline
§Horstmeier Lumber Co. (N. C. Pine), Stiles & E Falls av
*HOSKINS J. S. LUMBER MFG. CO. (Pine & Hardwood Lumber, Ties, Piling, Poles, Posts, Spars, Masts, Ship & Decking Timbers, Knees, Treenails, etc)
Jackson E. E. Lumber Co. (Long Leaf Yellow Pine), Keyser bldg
*James Lumber Co., 921 Aliceanna
Johnson, Greenleaf & Son (Rough N. C. Pine & Hardwoods), Marine Bank bldg
Lafayette Mill & Lumber Co., Lafayette av & P B & W R R
§Matthews Thos. & Son (Timber, Yellow, White & Oregon Pine, Cypress, Oak & California Redwood), Fleet & Albemarle
Merryman, Ridgaway (Va. & N. C. White Pine & Cypress), Marine Bank bldg
§Natwick J. & Co. (Hardwoods), Munsey bldg
Price J. McD. (Hardwood), Knickerbocker bldg
§Price & Heald (Hardwood), Marriott & Decatur
§Ryland & Brooks Lumber Co. (Va., N. C. & Ga. Pine & Hardwood Framing Board & Dressed Lumber), American bldg
*Shryock Thos. J. & Co. (Pine, Hardwood, etc), 717 S Caroline
*Sloan Lumber Co. (N. C. Pine & Flooring Mouldings, etc), 414 Light
*Surry Lumber Co., Union Trust bldg
§Waggner Lewis Co. (Long & Short Leaf Yellow Pine), Wolfe & Thames
§Waters Geo. E. & Co., 922 Park av
§Whitmer Wm. & Sons, Equitable bldg
§Womble Pembroke M. (Cedar, Pine, etc), Elliott & Linwood av
*Wood R. E. Lumber Co. (Hardwood), Continental Trust bldg
BERWYN—*Bewley Geo. P. (Saw Mill)
BETHLEHEM—*Messick A. J. (Saw Mill)
BRANDYWINE—*Robinson Aquila T. (Lumber & Ties)
CAMBRIDGE—*Cambridge Mfg. Co. (Lumber, Barrels, etc)
CUMBERLAND—*Mertens' F. Sons (Lumber, Building Materials, etc)
*Smouse Thos. F. (White Oak, Car, Lumber)
*Union Lumber Mfg. Co.
HAGERSTOWN—§Dennison Lumber Co.
SALISBURY—Adkins E. S. & Co. (Inc.), (Lumber, Flooring, Box Shooks, etc)
Day Wm. M. (Saw Mill)
*Bowning Wm. J.
*Jackson Bros. Co.
*Miller W. B. & Co. (Lumber & Saw Mill)
*Tilghman Wm. B. Co. (Shingles, etc)
*Williams L. E. & Co.

MASSACHUSETTS.

BOSTON—*Atlantic Lumber Co. (Hardwoods, Whitewood, N. C. Pine), 70 Kilby
§Barker Wm. G. Co., 141 Milk.
§Barker & Co. (Pine, Spruce, Cypress, Whitewood), 53 State
§Bearse O. & Son Co. (Mahogany & Hardwood), 79 Milk
§Bickford H. M. Co. (Poplar, Hardwood & N. C. Pine), 70 Kilby
*Blacker & Shepard Co., 409 Albany
§Blanchard Lumber Co., 126 State
§Boston Lumber Co. (Pine & Hardwood), 79 Milk
§Boston Oregon Mast Co. (Pacific Coast Lumber Products Decking Lumber, Red Cedar, Shingles, Masts, Spars & Piling), 131 Coleridge, E Boston
§Buzzell E. H., 71 Kilby
§Chester W. R. & Co., 89 State
§Clapp Alfred, 112 Water
§Connecticut Valley Lumber Co. (Spruce, Pine, Hemlock & Hardwoods), 147 Milk
§Curtis Wm. Sons Co., 30 Eustis
§Curtis & Pope Lumber Co., 774 Albany
Cypress Lumber Co. (Band Sawed Gulf Cypress, Long Leaf Yellow Pine, Poplar & Cottonwood, etc), 88 Broad
§Davenport Peters Co., 70 Kilby
§Furber, Stockford & Co., 89 State
§Godfrey L. N. Co. (Pine, Poplar & Maple & Oak Flooring), 60 Congress
§Goldsmith F. L. (Mahogany & Cabinet Wood), 19 Chardon
§Hall Lumber Co. (Northern, Eastern & Southern Lumber), 101 Milk
§Hammond Edw J. Co. (Hard & Soft Wood), 79 Milk
§Haskins Wm. & Son, 110 State
*Huckins P. S. Co. (Georgia Yellow Pine), 40 Central
§Hurd Jos. A. Lumber Co. (Pine, Hardwood Lumber, Cedar Shingles, Dark Timber, etc.) 53 State
§James E. B. Lumber Co., 20 Central
§James & Abbott Co., 155 Milk
§Johnson L. S. Co. (Mahogany & Cabinet Wood), 414 Albany
§Jones Hardwood Co. (Hardwoods, Cypress & Yellow Pine Flooring), 10 High
§Lawrence & Wiggin (Ind. & Southern Hardwood & Imp. of Mexican Mahogany), 50 Terminal
§Litchfield Wm. E. (Hardwood), 70 Kilby
§McQuesten Geo. Co., 27 Kilby
*Macauley Geo. W. (Builders' Finish), 385 Albany
§Noyes Walter D., 148 State
§Palmer & Parker Co. (Mahogany, Hardwood Lumber & Veneers), 103 Medford Chan
§Parker & Page Co. (N. C. Pine, Cypress & Hardwood), 40 First, E. C.
*Richardson A. H. Lumber Co. (Spruce, Hemlock & Pine), 176 Federal
§Shepard & Morse Lumber Co. (Cypress & Hardwood), 201 Devonshire
*Skillings, Whitneys & Barnes Lumber Co., 79 Milk
St. Croix Paper Co. (Spruce & Hemlock Boards), 244 Washington,
*STEARNS A. T. LUMBER CO. (Cypress, Yellow Pine, Ash & Other Wood, Doors, Sash, Blinds, Building Trim, Cabinet Work, Flooring, shingles, Tanks, etc), 100 Taylor, Neponset
See adv index at end of book
§Stebbins H. B. Lumber Co., Mason bldg.
§Stetson, Cutler & Co., 70 Kilby
§Stone Lumber Co., 50 Congress
Weston W. M. Co. (Hardwood), 120 Milk
§Wiggin H. D. (Hardwood), Fiske bldg.
§Wood A. M. Co., Charlestown
§Wood Jas. A., Ames bldg.
CAMBRIDGE—§Wood W. H. Lumber Co. (Hardwood)
FALL RIVER—*Erickson G. & Bro. (Saw & Planing Mill)
*Prosser Wm. & Son
FITCHBURG—§Priest C. A. Lumber Co. (Laths, Clapboards, Shingles, Lumber, etc)
LAWRENCE—*Lawrence Lumber Co. (Lumber & Mfr. Boxes)
*Pingree D. W. Co. (Lumber & Mfr. Boxes)
LOWELL—*Allen Otis & Son Co. (Lumber, Mouldings & Boxes)
Burnham & Davis Lumber Co. (Shingles, Clapboards, etc)
*Cady Geo. L. & Sons (Lumber, Packing Boxes, Box Shooks, etc)
*Cheney Frank P. (Boxes, Box Shooks, Cloth Boards & Dealer in all kinds of Lumber)
*Davis & Sargent Co. (Lumber, Packing Boxes, Planing Mill, etc.)
*Pratt, Amasa Co. (Veneered Doors, etc)
MARBLEHEAD—Bowden Thos. J. & Son (Saw Mill)
MILLBURY—Rice A. W. (Saw Mill)
MONSON—Squier & Co.
NORTH ADAMS—Dibble S. B. Lumber Co.
NORTH READING—*Upton Henry A. (Saw Mill)
PITTSFIELD—§Berkshire Lumber Co.
SPRINGFIELD—*Angers J. A. & Bro. (Shingles)
Bartholomew R. C. (Saw Mill)
§Currier R. B. Co. (Southern & Michigan Pine & New York Spruce; Also Pine & Cedar Shingles)
§Dutton A. C. Lumber Corp. (Pine, Spruce & Pacific Coast Products)
*Fenderson John & Co. (Inc.)
§Morse Fred S.

MASSACHUSETTS-SPRINGFIELD—cont.
§Rice & Lockwood Lumber Co. (Pine, Hardwood Shingles)
§United Lumber Co. (Eastern White Pine & North Carolina Pine)
TOWNSEND—Adams U. S. & Co. (Saw Mill, Cooperage)
Fessenden B. & A. D. Co. (Saw Mill, Cooperage, Lumber)
TYNGSBORO—*Flint A. A. (Saw Mill, Mfr Boxes)
Sherburne W. A. (Saw Mill)
WALPOLE—Morse H. A. & Co. (Saw Mill)
WARWICK—Williams C. A. (Saw Mill)
WESTBORO—*Bartlett Box & Lumber Co. (Saw Mill)
WEST BRIDGEWATER—*Lyon A. S. (Saw Mill)
WEST STERLING—Buck T. & E. R. (Chair Mfr. & Saw Mill)
WEST TOWNSEND—Stickney Clarence (Saw Mill, Cooperage, Lumber)
Thompson Jos. F. (Saw Mill, Cooperage, Lumber)
WORCESTER—§Hackwell E. A. & Co. (Southern Pine, Canada, Western & Northern Lumber)
§Stone & Foster Lumber Co. (Northern, Western & Southern Lumber)

MICHIGAN.

ALPENA—*Fletcher Geo. N. & Sons (Lumber & Saw Mill)
*Holmes Geo. H. & Co. (Lumber, Cedar & Hemlock Bark).
Michigan Veneer Co.
*Richardson Lumber Co. (Lumber & Saw Mill)
ANN ARBOR—*Luick Bros. & Co. (Lumber & Interior Finish)
ARCADIA—Starke Hy. Land & Lumber Co. (Saw Mill)
BANNISTER—Letts R. G. (Saw & Planing Mill)
BAY CITY—Bay City Box & Crate Co.
§Black Robert & Co. (Pine & Hardwood)
*Bradley, Miller & Co. (Lumber, Shingles, Lath & Box Shooks)
*Eddy Bros. & Co. (White Pine & Mill Work)
*Foss E. B. (White Pine Lumber, Laths & Shingles)
*Godkin John (Saw Mill)
*Goldie Wm. Jr. (Cooperage Stock)
*Handy Bros. (Box Shooks)
Hanson-Ward Veneer Co.
*Kneeland-Bigelow Co. (Saw Mill & Hardwood)
*Lamont Matthew Sons Co. (Planing Mill, Lumber, Sash, Doors, etc)
*Lewis Mfg. Co. (Sash, Doors, Lumber)
*Mengel E. T. (Pine & Box Shooks)
*Nickless W. H. (Box Shooks & Crates, Flooring & Car Planing)
Vance E. J. Box Co. (Box Shooks)
*Young W. D. & Co. (Hardwood Lumber & Flooring)
BELLAIRE—*Hosmer W. A.
BENTON HARBOR—*Preston W. A. (Lumber & Interior Finish)
BIG RAPIDS—*Hood & Wright (Veneer & Panels)
*Ward Bros. (Bicycle Woods & Lumber)
BOYNE CITY—*Boyne City Lumber Co.
*Von Platen Geo. (Lumber & Saw Mill)
*White W. H. Co. (Hemlock, Maple, Soft & Rock Elm, Basswood, Beech, Cedar, Shingles, Tan Bark, etc)
CADILLAC—*Cadillac Veneer Co.
Cobbs & Mitchell (Maple Flooring, etc)
*Cummer-Diggins Co. (Hemlock & Maple Flooring)
*Mitchell Bros. Co. (Maple, Red Oak, Beech Flooring, Basswood Bevel Siding, Mich. Hardwood, Hemlock Lumber & Lath)
Murphy & Diggins (Hardwood, etc)
CALUMET—*Armstrong-Thielman Lumber Co. (Lumber, Lath, Shingles, Mouldings, etc)
CEDAR—*Culver M. A. & Son (Planing Mill)
CEDAR RIVER—*Crawford Samuel & Sons (Lumber)
CHARLEVOIX—Charlevoix Lumber Co. (Hardwood, Hemlock & Pine)
CHARLOTTE—Huber E. S. (Saw Mill)
CHEBOYGAN—§Embury-Martin Lumber Co.
Olds M. D. (Lumber, Lath & Staves)
COLEMAN—*Curtice J. E. (Cooperage)
DAGGETT—*Kessler J. (Lumber & Cedar)
Perrizo & Sons ,Cedar)
Weng L. E. & Son (Cedar)
DETROIT—*Alger, Smith & Co. (Long Pine Timber), Penobscot bldg
§Anketell Lumber & Coal Co., Dime Bk bldg
‡Beyster John (Lumber, Planing Mill & Box Factory), 875 Fort, W
*Brownlee Co. (Lumber & Telegraph Poles), River Rouge
*Card Earle Lumber Co., 1159 Wabash
§Danaher R. E. Co., Majestic bldg.
*Derry Lumber Co. (Hardwood), Majestic bldg
*Detroit Cedar & Lumber Co. (Ties, Poles, Lumber), Ford bldg
*Detroit Lumber Co. (Lumber & Saw Mill), Jefferson & Junction avs
*Dwight Lumber Co. (Maple & Oak Flooring & Cigar Box Lumber, etc)
*Forman Thos. Co. (Maple & Oak Flooring, Bore & End Matched), Ft W. & P. M. R. R.
*Grace Harbor Lumber Co. (Hardwood, White Pine, Norway, Hemlock, etc), Mack av & Blaufait, ft Western blvd
*Grayling Lumber Co. (Arkansas Lumber)
*Harding H. W. Lumber Co. (Pine & Hardwoods), Hamilton blvd & Midland av
§Hunton & Weeks, 1015 Russell
Kanouse H. W. Lumber Co. (Yellow Pine & Cypress), Ford bldg
§Kotcher C. W., 649 Gratiot av
*Manistique Lumbering Co., Ford bldg
§Morley Geo., U. T. bldg
*National Mfg. Co. (Slack Cooperage Stock for Flour, Cement, Lime & Sugar Barrels), Dime Savings Bank bldg
*Restick Lumber Co. (Lumber & Planing Mill), 992 Vinewood av
§Ross Fred C., 517 Warren av
*Sibley F. M. Lumber Co.
§Sicklesteel Lumber Co. (Hardwoods), 116 Forman av
Stephens Henry & Co. (White Pine & Hardwood), Farwell bldg
*Turtle Lake Lumber Co. (Hemlock, White Pine, Tamarack, White Cedar, etc)
Weber J. F. & Co. (Lumber & Planing Mill), 304 Gratiot av
*Yeomans Box Co., 274 Wight
DOWAGIAC—§Judd Wm. F.
EASTLAKE—*Peters R. G. Salt & Lumber Co.
EDMORE—*Pfeiffer & Burch (Shingles)
ESCANABA—*Erickson & Bissell (Piling, Ties & Posts)
National Pole Co.
ESSEXVILLE—Courval & Co., (Shingles)
FERRY—Powers & Critchett (Lumber & Lath)
FLAT ROCK—Metler C. L. & Co. (Saw Mill)
FLINT—*Flint Lumber Co. (Planing Mill)
*Hearsch-Wesson Mfg. Co. (Planing Mill)
FOSTER CITY—*Morgan Lumber & Cedar Co. (White Pine, Idaho Pine, Basswood, Ash, Elm, Maple, Oak, Hemlock, etc; Shingles, White Cedar, Red Cedar & Pine). Office, Oshkosh, Wis.
FRANKENMUTH — Veltengruber Bros. (Saw & Planing Mill)
FRANKFORT—*Bellows Elvin H.
GAGETOWN—Quinn & Fahrenkopf (Saw Mill)
GAYLORD—Humphrey Bros. (Planing & Saw Mills)
GLADSTONE — *Northwestern Cooperage & Lumber Co.
GLENWOOD—Hampton Stock Farm Co. (Saw Mill & Mfr. Staves & Headings)
GOBLEVILLE—*Clement J. L. & Sons (Saw & Planing Mill)
GRAND RAPIDS—*§Angell H. C. & Co. (Lumber & Shingles)
*Antrim Iron Co. (Saw Mills)
*Dennis A. L. Salt & Lumber Co. (Hardwoods & Maple & Birch Flooring)
Engel Lumber Co.
*Follmer C. C. & Co. (Lumber & Shingles)
Grand Rapids Lumber Co. (White Pine, Hemlock, Hardwood, etc)
Hackley-Phelps-Bonnell Co. (Bark & Hardwoods)
*Hughart W. O. Jr. (Hardwood)
*Hughart & Kendal (W. Hardwoods)
Letellier F. & Co. (Planing Mill, etc)
Nichols & Cox Lumber Co. (Hardwood, Cottonwood & Hardwood Flooring)
Northland Lumber Co.
Spears C. A. & Son (Lumber, Planing Mill)
§Stearns J. S. Co. (Hardwood etc)
Stiles Bros. Co.
Turtle Lake Lumber Co.
*Van Keulen & Winchester Lumber Co. (Hardwoods) Crating Stock, etc)
§Wagner G. N. Lumber & Shingle Co. (Pine & Red Cedar Shingles & Pine & Hemlock Lumber)
GRAYLING—Hanson R. & Sons (Hardwoods & Cottonwood)
*Kerry & Hanson Flooring Co.
*Sailing-Hanson & Co. (White Cork & Norway Pine)
HARBOR SPRINGS—*Harbor Springs Lumber Co.
HARDWOOD—Anderson P. J. (Cedar Timber)
HARRIETTE—Fellers Bros. (Saw Mill Staves, etc)
HART—*Bennett Lumber & Mfg. Co.
Hart Cedar & Lumber Co.
HARTFORD—Walker L. P. (Saw Mill & Hoop Mill)
HASTINGS—Lombard John T. (Hardwood)
HERMANSVILLE—*Wisconsin Land & Lumber Co. (Hemlock & White Pine Lumber, White Cedar Shingles, Basswood Ceiling, Siding, Mouldings, Hardwood Flooring, etc)
HOLLAND—Scott-Luggers Lumber Co.
HOLLY—*Michigan Truck & Lumber Co.
INGALLS—*Carley Ira (White Cedar Posts, Poles & Shingles)
Dobeas Louis (Cedar)
IRON MOUNTAIN—*Von Platen Lumber Co. (Maple, Birch, Basswood, Elm, Ash, Hemlock & Pine)
IRONWOOD—*Scott & Howe Lumber Co.
ISHPEMING—§Consolidated Fuel & Lumber Co.
JOHANNESBURG — *Johannesburg Mfg. Co. (Basswood)
KALKASKA—*Bockes & Mahan (Lumber & Shingles)
KINGSLEY—*Case & Crotser
LANSING—*Lansing Co. (Gum & Cottonwood Box Lumber, etc)
LUDINGTON—Cartier A. E. Sons Co.
Stearns Salt & Lumber Co.
MANISTEE—*Buckley & Douglass Lumber Co. (Timber, Lath & Shingles)
*Sands Louis Salt & Lumber Co. (Pine, also Lath & Shingles)
MANTON—*Clark F. N. (Hemlock Bark & Timber)
MAPLE RAPIDS—*Jones Jas. E. (Saw Mill & Oar Mfr.)
MARION—Wagner J. B. (Shingles)
MARQUETTE—§De Haas N. G.
Marquette Box & Lumber Co.
Schneider & Brown Lumber Co.
MASONVILLE—Stack Lumber Co.
MAYFIELD—*Gibbs Mrs. J. L. (Saw & Shingle Mill)
MENDON—Austin Frank Co. (Lumber & Planing Mill)
MENOMINEE—Crawford Mfg. Co. (Boxes)
*Crawford Cedar Co. (White Cedar)
*Girard Lumber Co. (Pine, Hemlock, Hardwood & Cedar Lumber, Lath, Pickets & Piling)
§Huebel C. J. Co. (Lumber, White Cedar Poles, Posts & Shingles)
*Menominee River Shingle Co. (Cedar Shingles)

*Menominee White Cedar Co.
Peninsula Box & Lumber Co. (Box Shooks & Boxes)
*Sanford & Treadway (Basswood)
§Spies, Thompson Lbr. Co. (Pine, Hemlock & Cedar Lumber, Lath & Shingles)
*Wells John W. Lumber Co. (Pine, Hemlock, Hardwood & Cedar Lumber, Lath & Shingles)
MIDDLETON—*Middleton Cooperage Co.
MIDLAND—*Brown C. (Lbr & Planing Mill)
MONROE—§Sterling W. C. & Son Co. (Hardwood & Hemlock)
MUNISING—Munising Co. (Hemlock & Hardwood)
MUSKEGON — Sanger Lumber Co. (Saw Mill, Lumber), Saw Mills at Sanger, Cal.
NADEAU—*Nadeau Bros. (White Cedar & Hardwood)
NEWBERRY—Lake Superior Iron & Chemical Co. (See Detroit, Mich.)
NORTHPORT — Kehl Mercantile Co. (Wood, Bark, Ties)
ONAWAY—*American Wood Rim Co.
*Lobdell Emery Mfg. Co. (Hardwood Lumber, Shingles, Maple Flooring, Ties, Poles & Posts)
ONTONAGON—Worcester C. H. Co.
PARK LAKE—*Du Roy Mfg. Co. (Lumber & Handles)
PELLSTON—*Pellston Planing Mills
PENTWATER—*Sands & Maxwell Lumber Co.
PEQUAMING—*Hebard Chas. & Sons (Saw & Shingle Mill)
PETOSKEY—*McManus W. L. Lumber Co. (Hardwood & Soft Lumber)
Michigan Maple Block Co. (Lumber & Butchers' Blocks)
PORT HURON—§Haynes Lumber Co. (Lath, Shingles, Lumber, Posts, etc)
RAPID RIVER—Madden Jerry Shingle Co. (Shingles, etc)
REED CITY—*Horner Wm. (Hardwood Flooring)
*Welsh & Kerry Co. (Flooring)
ROSE CITY—Rose City Mfg. Co. (Cooperage Stock)
ST. IGNACE—Jones & Kerry Lumber Co.
SAGINAW—§Batchelor Timber Co. (Saw Mill & Lumber)
*Bliss & Van Auken (Maple Flooring)
*Booth & Boyd Lumber Co. (Lumber, Lath, Shingles & Mill Work)
Brewer F. P. & W. A. (Timber, etc)
*Briggs & Cooper Co. (Ltd.), (Pine, Oak, Ash, Cedar Shingles, etc)
Cornwell Lewis (Estate of) (Saw Mill, Lumber)
*Eastman S. L. Flooring Co.
§Eddy C. K. & Sons Inc. (White Pine Lumber & Logs)
§Fleischman John L. (Hardwoods)
§Fordney J. W. (Lumber & Logs)
*Furstenberg Bros. (Planing Mill, Lumber)
§Galloway-Pease Co.
*Gardner, Peterman & Co. (Cooperage Stock & Shingles)
Germain & Boyd Lumber Co. (Saw & Planing Mill)
§Hill Arthur & Co. (Ltd.), (Pine Lumber)
Hill-Drummond Lumber Co.
Kuehl L. & Co. (Tan Bark & Lumber)
Markey Wm. T. (Hardwood, Lumber & Shingles)
*Mershon, Eddy Parker Co. (Lumber, Box Shooks, Shingles, Laths & Mill Work)
Richardson E. Co. (The) (Timber)
§Rupp J. J. (Pine Logs & Lumber)
*Strable Lumber & Salt Co. (Hardwood)
Wylie & Wilson (Slack Cooperage Stock for Flour, Sugar, Cement, etc)
SEBEWAING—*Liken & Bach (Stable & Heading)

SIDNAW—*Prickett Walter S. (Timber, etc)
TEKONSHA—Randall A. H. Mill Co. (Saw Mill)
TRAVERSE CITY—*Greilick Mfg. Co. (Lumber, Planing & Saw Mill)
Hull-Longnecker Co. (Lumber)
Smith & Hull Co. (Timber, Logs, Bark & Wood)
*Williams W. E. Co.
TROUT CREEK—*Weidman & Son Co. (Hardwoods & Hemlock)
TWINING—*McCready John (Saw Mill & Lumber)
VANDERBILT—Olds & Hixson (Stave Mfrs)
Yuill Bros. (Loggers)
VERMONTVILLE — Fuller Bros. (Saw Mill)
WALLOON LAKE—Walloon Lake Lumber & Shingle Co.
WATERS—Stephens Henry & Co.
WELLS—*Stephenson I. Co. (Flooring Maple, Maple, Clear & Bird's-eye Maple, Clear & Bird's-eye Maple Flooring, Clear & Red Birch Flooring, etc)
WHITEHALL—*Covell Lyman T. (Lumber, Lath & Shingles)
*Nufer Cedar Co. (Lumber, Shingles & Tin Plate Boxes)

MINNESOTA.

ADA—*Wild Rice Lumber Co.
AITKIN—Hodgeden & McDonald (Saw Mill)
Knox Lumber Co. (Lumber)
AKELY—Red River Lumber Co. (California White & Sugar Pine, Cut Sash & Door Stocks & Box Shooks)
ALBERT LEA—Minnesota Lumber Co.
BEMIDJI—Crookston Lbr. Co. (Northern Pine & Hemlock)
BIWABIK—§Colvin-Robb Lumber Co.
CASS LAKE—*Neils J. Lumber Co. Dimension & Timbers; also Boards & Strips Sawed from Norway White Pine; also at Sank Rapids, Minn.)
CLOQUET—*Cloquet Lumber Co. (White Pine Lumber & Saw Mill)
Cloquet Tie & Post Co.
*Johnson-Wentworth Lumber Co. (White Pine Lumber, Lath & Shingles, Saw Mill)
*Northern Lumber Co. (White Pine Lumber)
CROOKSTON—*Crookston Lumber Co. (White Pine)
DULUTH—*Alger, Smith & Co.
*American Lumber & Construction Co.
*Bradley Timber & Ry. Supply Co.
*Burns Lumber Co.
*Duluth Log Co. (Wholesale Posts, Poles, etc)
Duluth Lumber Co.
*Duluth Tie & Pulpwood Co.
*Heimbach Lumber Co.
§Martin Bros. (Ties & Poles)
*National Pole Co.
*Red Cliff Lumber Co. (Lumber, Lath & Shingle)
*Scott-Graff Lumber Co. (Lumber, Lath, etc)
*Shaw P. M. Jr. & Co.
*Swallow & Hopkins, Exchange bldg
*Virginia & Rainy Lake Co.
*Waters, Clark Lumber Co.
*Woodruff Lumber Co.
FRAZEE—Nichols-Chisholm Lumber Co.
LITTLE FALLS—*Pine Tree Mfg. Co. (White Pine & White Cedar Posts, Shingles, etc)
MAYNARD—*Maynard Lumber Co.
MINNEAPOLIS—American Lumber & Cedar Co., 209 Lumber Exchange
*Backus-Brooks Co., (White Pins) 602 Andrus bldg
Barnard Arthur H., 206 Lumber Exchange
Bartelme Co., E Henn & 6th av, S E
*Bell Lumber Co. (Pine, Hemlock & White Cedar Products) Security Bank bldg.
Bliss A. L. Lumber Co., 1107 Lumber Exchange
*Bovey-Shute Lumber Co., 1210 McKnight bldg
*Bowman S. H. Lumber Co., Lumber Exchange
Brooks-Scanlon Lumber Co., Plymouth bldg.
§Burkholder Lumber Co., 211 Lumber Exchange
Carpenter W. I. Lumber Co. (Red Cedar Shingles, Siding & Finish, Spruce & Fir), 504 Lumber Exchange
Cedar River Lumber Co., 914 Plymouth bldg.
*Central Lumber Co. (Mixed car lots of Wash'n Fir, Spruce, Cal. Redwood, Hardwood Flooring, Red Cedar, Basswood, Wagon Shook, Bridge Planks, etc.) McKnight bldg.
Central Warehouse Lumber Co., Pillsbury & Territorial
Citizens Lumber Co., Pillsbury av & Territorial Rd.
Coolidge & Schussler (Ties,, Poles & Posts, Cedar Poles & Posts), Metropolitan Life bldg
*Crookston Lumber Co. (Northern Pine & Spruce) First National Soo Line bldg.
§De Laittre-Dixon Lumber Co., 1301 20th av N
§Dolliff L. P. & Co., 615 Lumber Ex. bldg
§Fullerton Krueger Lumber Co., 915 Lumber Exchange
*Fullerton Lumber Co.
Gipson Lumber Co., 405 Lumber Exchange
Glass J. E. Lumber Co., 1129 Plymouth bldg.
International Lumber Co., Andrus bldg.
*Itasca Lumber Co. (White Pine, Spool Birch, Minn. Poplar, White Cedar Lumber, Ties, Poles & Posts, Cedar Poles & Posts), Lumber Exch.
Joyce W. L. Co., Lumber Exchange
*Kaye & Carter Lumber Co. (Cedar Posts, Poles & Ties), Lumber Exchange
Learned Lumber Co., 711 Lumber Exchange
Leech Lake Lumber Co., 1128 Plymouth bldg.
§Lewis F. H. (Fir Timber & Idaho Cedar Poles) 636 Lumber Exchange bldg.
Libby Lumber Co.
*McCoy Lumber Co. (Pacific Coast Products) Security Bank
McCulloch-Moss Lumber Co., 310 Lumber Exchange
§Melone-Bovey Lumber Co., 1228 S 4th
§Minneapolis Lumber Co., 943 Lumber Exchange
Morrison J. W. Lumber Co., 927 Lumber Exchange
Nichols-Chisholm Lumber Co.
North Coast Lumber Co., Lumber Exchange
Northern White Cedar Ass'n, Lumber Exchange
*Northland Pine Co. (White & Norway Pine), 3201 N 2d
§Osborne & Clark (White Oak Dimension, Basswood Finish, Box Boards, Siding & Ceiling, Maple Axles, Wagon Tongues & Hardwood Flooring) 300 Lumber Exchange
Page & Hill, 812 Plymouth bldg.
*Park Rapids Lumber Co.
Parker-Kellogg Lumber Co., Lumber Exchange
*Partridge T. M. Lumber Co. (Hemlock, Pine & Hardwood Lath, Northern Pine & Hemlock Lumber, Ties, Poles & Posts) 730 Lumber Exchange
*Pendleton & Gilkey, McKnight bldg.
§Red Diamond Lumber Co., 1134 Central av
*Red River Lumber Co. (White & Norway Pine, Lumber, Lath & Box Shooks) 807 Hennepin av.
Schuette Wm & Co. 642 Lumber Exchange
*Shevlin-Carpenter & Clark Co. (White Pine, Lumber, Lath & Shingles), 112 Lumber Exchange
Shevlin-Hixon Co. (Idaho, Montana & Cal. Pine)
Smith Payson Lumber Co., 911 Plymouth bldg.
§Standard Cedar & Lumber Co. (White Cedar Poles, Posts & Shingles, Pine, Hemlock & Hardwood Lumber) 511 Lumber Exchange
Stuhr Lumber Co., 936 Lumber Exchange
Thief River Falls Lumber Co. Security bldg
Thompson B. N. Co., 620 Lumber Exchange
Three States Cedar Co., 1102 Plymouth bldg.
Valentine-Clark Co.

MINNESOTA-MINNEAPOLIS—continued
*Waite H. B. Lumber Co. (Wash'n Fir, Spruce & Red Cedar Lumber, Cal. Redwood Lumber & Shingles, Wash'n Red Cedar Shingles, Flooring, Siding, etc). Security bldg.
§Wallace-Ballord Lumber Co., Lumber Exch.
RED WING—*Forest Products Co. (Hardwood)
ST. PAUL—*Brooks Bros. (Northern Pine, Yellow Pine, mixed car lots, etc) 1923 University av.
Gribben Lumber Co., 975 E 7th
*Martin John Lumber Co., 217 Como av.
Rich-Simons Lumber Co., 460 Cleveland av
*Weyerhaeuser & Co. (White Pine) Merchants National Bank bldg.
SAUK CENTER—Independent Lumber & Coal Co.
SOUTH STILLWATER—*Anderson Lumber Co.
STILLWATER—*Interstate Lumber Co., McGrath Jas. E. (White Pine)
St. Croix Timber Co. (Saw Mill & Lumber)
*Tozer David Co. (White Pine)
THIEF RIVER FALLS—*Thief River Falls Lumber Co.
VIRGINIA—*Bailey W. T. Lumber Co. (Saw Mill)
SPOONER—*Rainy River Timber Co.
WHITE PINES — McGrath James E. (White Pine)
WINONA—*Botsford Lumber Co.
*Doud Sons & Co. (Hardwood & Hemlock)
*Hayes-Lucas Lumber Co.

MISSISSIPPI.

ARBO—Lumber Mineral Co. (Yellow Pine)
BENTONIA—*Link, Newcomb Mill & Lumber Co. (Hardwood)
BEXLEY—*Greene County Lumber Co.
BOGUE CHITTO—*Brister B. E. Mercantile Co. (L. Yellow Pine)
BROOKHAVEN—*Butterfield C. S. Co. (Yellow Pine Lumber & Lath)
BROOKLYN—*Griffin W. C. Land Co. (Saw Mill)
CHARLESTON—§Lamb-Fish Lumber Co. (Band Sawed Oak, Gum & Cypress, etc)
CHICORA—*Robinson Land & Lumber Co. (Yellow Pine, Timber & Rift Flooring)
COLLINS—*Wood W. C. Lumber Co. (Yellow Pine)
COLUMBIA—White J. J. Lumber Co. (Yellow Pine)
COLUMBUS—*Pate D. S. Lumber Co (Hardwood)
CORINTH—*Pocahontas Lumber Co.
*Small W. E., Spoke Mfg. Co. (Spokes)
ELECTRIC MILLS—*Sumter Lumber Co. (Short Leaf Yellow Pine)
FERNWOOD—*Enochs Bros. (Yellow Pine)
*Fernwood Lumber Co. (L. L. Yellow Pine)
GREENVILLE—Alexander H. N. & Sons
GULFPORT — *Holmes-Herrick Lumber Co. (Wholesale)
HATTIESBURG—*American Lumber & Mfg. Co. (Branch of Pittsburgh, Pa.)
*Brookhaven Lumber & Mfg. Co. (Yellow Pine)
*Firm Lumber Co.
*Hettler Herman H. Lumber Co. (Branch of Chicago, Ill.)
*McInnis Lumber Co.
*Newman J. J. Lumber Co. (Yellow Pine). Mills, Sumrall, Miss.
*Nicola, Stone & Meyer Co. (Branch of Cleveland, O.)
*Pole Stock Lumber Co.
Tatum Lumber Co. (Saw Mill)
HAZLEHURST—*Hazlehurst Lumber Co. (Yellow Pine)
JACKSON—*Enochs Yellow Pine Co. (Yellow Pine)
Faust Bros. Lumber Co. (Hardwoods, Poplar & Red Gum)
Mercantile Lumber Co. (Yellow Pine)
*Yellow Pine Lumber Co (Long Leaf Yellow Pine)
KNOXO—Swift Lumber Co.
KOLA—*Kola Lumber Co. (Yellow Pine)
LAUREL—*Eastman Gardiner & Co. (L. L. Yellow Pine)
Gilchrist-Fordney Co. (Southern Yellow Pine, Cypress)
*Lindsey Lumber Co.
*Marathon Lumber Co. (Yellow Pine)
Wausau Southern Lumber Co. (Southern Yellow Pine, Cypress)
LELAND—Darnell-Love Lumber Co.
LOGTOWN—*Weston H. Lumber Co. (L. L. Yellow Pine)
LUCEDALE—*K. C. Lumber Co. (Yellow Pine)
LUMBERTON—*Hinton Bros. Lumber Co. (L. L. Yellow Pine)
LYMAN—Ingram-Day Lumber Co. (Saw Mill)
MEEHAN JUNCTION—*Cotton State Lumber Co.
MERIDAN—Gray C. L. Lumber Co.
MOORHEAD—"Moorhead Mfg. Co." (Saw Mill)
MOSS POINT—*Dantzler L. N. Lumber Co. (Yellow Pine & Rift Flooring)
McIntosh Lumber Co.
MOUNT OLIVE—Morris R. B. Lumber Co. (Yellow Pine)
NATCHEZ—*Learned R. F. & Son (Cypress)
NORFIELD—*Butterfield Lumber Co. (Yellow Pine)
ORA—*Easterling Lumber Co. (Yellow Pine)
ORVISBURG—*Champion Lumber Co. (Yellow Pine Mill Work & Timbers up to 60 feet long)
PHILIPP—*Tallahatchie Lbr. Co. (Hardwood)
PICAYUNE—*Rosa Lumber Co. (Saw Mill)
PURVIS—*Hand James (Saw Mill)
QUITMAN—Mississippi Lumber Co. (See Chicago, Ill.)
SANFORD—*Ship Island Lumber Co. (Yellow Pine)
SARDIS—*Carrier Lumber & Mfg. Co. (Hardwood Lumber & Bent Woodwork, Red Gum, Oak Flooring & Rotary Cut Veneers)
SUMRALL—*Newman J. J. Lumber Co. Office: Scranton, Pa.
TEN MILE—*Ten Mile Lumber Co. (Yellow Pine)
VICKSBURG—*§Houston Bros. (Hardwoods, Yellow Pine & Cypress)
WAYNESBORO—Wetherbee-Huggins Co. (Yellow Pine)

MISSOURI.

BETHANY—Cadle Lumber Co.
*Miner & Frees Lumber Co.
BUNKER—*Bunker-Culler Lumber Co.
BUTLER—Logan-Moore Lumber Co. (See Kansas City Mo.)
CANTON—Canton Planing Mill Co. (Saw Mill)
CAPE GIRARDEAU—*Himmelberger-Harrison Lumber Co. (Gum, Oak, etc)
*Leming M. E. Lumber Co.
COFFEY—§Crossan, Miner & Frees
DES ARC—*Graves & Stamp
DEXTER—Disher Anderson E
FREDERICKTOWN — *Fredericktown Lumber Co. (Yellow Pine & Oak Lumber & Mfrs. Wagon Hubs)
GIDEON—*Gideon-Anderson Lumber & Mercantile Co. (Hardwood)
GLASGOW—*Rall Bros. (Hardwoods, Native)
GRANDIN—*Missouri Lumber & Mining Co. (See West Eminence)
HARRIS—Durman L. C. (Saw Mill)
HARVIELL—*Mangold Stave & Cooperage Co. (Lumber, Beer & Wine Casks, Staves & Headings). (See St. Louis)
JOPLIN—§Stewart Lumber Co.
KANSAS CITY—*American Sash & Door Co.
*Anson Shingle & Lumber Co.
*Badger Lumber Co., 3401 E 15th
§Bernardin J. M. Lumber Co. (Yellow Pine)
*Bowman-Hicks Lumber Co. (Yellow Pine)
Byrne-Renfro Lumber Co. (Cypress & Shingles)
*Buchanan Wm. (Yellow Pine)
Caddo River Lumber Co. (Yellow Pine) R. A. Long bldg.
Cameron Lbr. Co., Long bldg.
*Carter C. J. Lumber Co. (Short Leaf Yellow Pine Finish Flooring & Siding) R. A. Long bldg.
*Central Coal & Coke Co. (Yellow Pine), Keith & Perry bldg
*Chapman & Dewey Lumber Co. (Hardwood) Rialto bldg.
Chatten S. H. Lumber Co. & Inter State bldg.
§Chicago Lumber & Coal Co., R. A. Long bldg
Choctaw Lumber Co. (Yellow Pine)
*Connelly Hardwood Lumber Co. (Oak, Ash, Cypress, etc) 180 Indiana av
Dickason Goodman Lumber Co., K. & P. bldg.
Dierks Lumber & Coal Co. (Oak, Southern Yellow Pine, Cypress, Oak) Gates bldg.
Doniphan Lumber Co. (Yellow Pine), Mills: Kensett, Ark.
Forest Lumber Co. (Cypress, Southern Yellow Pine), R. A. Long bldg.
*Foster Lumber Co. (Yellow Pine) R. A. Long bldg.
§Hope Geo. D. Lumber Co. (Yellow Pine), R. A. Long bldg
*Ingham Lumber Co. (Arkansas Lumber) R. A. Long bldg.
*Leidigh & Havens Lumber Co. (Yellow Pine) R. A. Long bldg.
§Logan-Moore Lumber Co.
*Long-Bell Lumber Co. (Yellow Pine)
§Matthews C. E. Lumber Co.
Mercantile Tie & Timber Co. (Yellow Pine & Piling)
*Merrill & Co. (Hardwood), 1700 Brooklyn av,
*Missouri Lumber & Land Ex. Co. (Missouri & Louisiana Yellow Pine & Oak Flooring), R. A. Long bldg
*Penrod Walnut & Veneer Co. (Black Walnut)
*Pickering W. R. Lumber Co. (Yellow Pine, R. A. Long bldg. Mills: Pickering, La.
LOUISIANA—La Crosse Lumber Co.
MARQUAND—*Whitener J. Q. D. Land & Lumber Co. (Saw Mill)
MOREHOUSE—*Himmelberger - Harrison Lumber Co. (Red Gum, White & Red Oak, Ash, Elm & Cypress, Rough, Dressed & Worked to Order)
NEW MADRID—*Loud Mrs. E. A. (Staves & Lumber)
*Mann & Garanflo Land & Lumber Co.
PACIFIC—Koppitz-Smith Mill Co.
POPLAR BLUFF—*Ferguson & Wheeler
*Hargrove & Ruth Lumber Co.
*Ruth Lumber Co.
PORTAGEVILLE—Haines E. C. (Lumber Saw & Planing Mill)
RIDGEWAY—Miner & Frees Lbr. Co.
ST. JOSEPH—American Fixtures Co.
Collier-Adams Mfg. Co.
§Ehrlich H. & Sons Mfg. Co.
§Nold C. H. Lumber Co.
ST. LOUIS—*American Hardwod Lumber Co. (Oak, Poplar, Ash, etc.), Main & Dock
Antrim Lumber Co. (Cypress Yellow Pine & Shingles) Wright bldg.
*Bagnell Timber Co. (R. R. Ties), Title Guaranty bldg
§Banner Lumber Co., 7353 Manchester
§Berthold & Jennings Lumber Co. (Long Leaf Yellow Pine, Oak & Cypress Lumber, Bridge Timbers, Piling & Telegraph Poles), Wright bldg
Boeckeler Lumber Co. (Yellow Pine) White Pine), Hall & Mallinckrodt
Boynton Land & Lumber Co., 915 Olive
*Buchanan Wm. (Yellow Pine), Wright bldg
*Chicago Mill & Lumber Co. (Yellow Pine, Oak & Cypress, Hemlock & Gum Lumber & Cedar, White Oak & Black Locust Poles, Posts & Pilings, Red Cedar, Cypress & White Pine Shingles, White Pine, Cypress, Yellow Pine Lath), 200 Chonteau av
§Chivvis W. R. (Hardwood), ft. Lafayette av
*Consolidated Saw Mills Co. (Short Leaf Yellow Pine), Wright bldg
*Egyptian Lbr. Co. (Ties, etc.)
*Ferguson W. T. Lumber Co. (Yellow Pine), Wright bldg

*Frost-Johnson Lumber Co. (Yellow Pine, either Straight or Mixed Cars), Boatmens Bank bldg
§Ganahl Lumber Co., Newstead & Duncan
*Garetson-Greason Lumber Co. (Ash, Oak, Cypress & Gum)
*Garrett T. H. Lumber Co. (Yellow Pine, Saw & Planing Mills), Chemical bldg
§Gavin Stephen J. Lumber Co. (Yellow Pine, etc), 6400 Easton av
*Graham Lumber Co. (Yellow Pine), Wright bldg
*Grayson-McLeod Lumber Co. (Yellow Pine), Wright bldg
§Griffen Geo. M. Lumber Co. (Oak & Cypress Piling, Telephone Poles, Railroad Materials, etc), Oriel bldg
§Gruner Philip & Bro. Lumber Co., 4006 N B'way
§Hafner Mfg. Co. (Cypress, Hardwoods, Yellow Pine), Main & Dock
§Hearne Timber Co., Times bldg
*Hogg-Harris Lumber Co. (Long & Short Leaf Yellow Pine) Wright bldg.
*Holmes J. A. Lumber Co. (Michigan Lumber, White & Yellow Pine Flooring, Siding, Shingles, Lath, etc; Poplar, Cherry, Ash, Walnut. & Mahogany, Car & Bridge Ash, Walnut & Mahogany, Car & Bridge Timber Specialties), 10th & Spruce
§Huttig Sash & Door Co., 1200 S Vanderventer
*Kimball Lumber Co. (Cypress & Oak), Railway Exchange bldg
*Liebke C. F. Hardwood Mills & Lumber Co., 2d & Buchanan
*Lothman Cypress Co. (Louisiana Cypress), ft of Angelica
Luehrmann C. F. Hardwood Lumber Co. (Ash, Oak, Cypress, Yellow Pine, White Pine & Shingles), 150 Carroll
*Malvern Lumber Co. (Yellow Pine), Chemical bldg
*Mangold Stave & Cooperage Co., Weber rd & Grand av
*Mechanics' Planing Mill Co. (Cypress), 3742 N B'way
*Miles Geo. W. Timber & Lumber Co. (Yellow Pine), Wright bldg
§Mosberger Lumber Co. (Hardwoods), Angelica & Wharf
O'Neil Lumber Co., Kingshighway & Swan av
*Ozan Lumber Co., Wright bldg
*Ozark Cooperage & Lumber Co., International Life bldg.
§Powe Thos. E. Lumber Co. (Hardwoods, Cypress Shingles), 24 Branch
*Quellmalz Hy. Lumber & Mfg. Co. (Red Gum & Hardwoods, Oak & Hickory Dimension), Main, bet. Victor & Barton. Mills: Brookings, Ark.
Richardson W. H. (Lumber Commission Hall & Branch
St. Louis Lumber Co. (White Pine & Yellow Pine), 2509 S Broadway
*Sabine Lumber Co. (Yellow Pine), Wright bldg, Mills, Colfax, La.
Scheve J. L. Lumber Co. (Oak & Cypress), Hall & St. Louis av
Seidel Julius Lumber Co. (Yellow Pine, White Pine, Cypress), 2000 S Kingshighway
§Steele & Hibbard Lumber Co. (Hardwood), 3125 N B'way
*Stewart-Greer Lumber Co.
§Thomas & Proetz Lumber Co., Hall & Angelrodt
§Waldstein Lumber Co. (Hardwoods), 7th & Victor
Walsh Tie & Lbr. Co., 706 Chestnut
*Werner Louis Saw Mill Co. (Oak, Ash, Poplar, Gum, Short & L. L. Yellow Pine, Cypress & Cottonwood), Fullerton bldg
*Western Tie & Timber Co., Syndicate Trust bldg.
*Willhitte Lbr. Co., Wright bldg

SEDALIA—Looney & Bloess Lbr. Co.
Sturgis Lbr. Co.

SIKESTON—*Baker-Matthews Mfg. Co.
*Matthews Lumber & Mfg. Co.

SMITHVILLE—§Major R. H. & Co.
SPICKARD—Kincade C. C. & Co.
SPRINGFIELD—Hobart-Lee Tie Co. (R. R. Timbers)
WEST EMINENCE—Missouri Lbr. & Mining Co.
WINONA—*Ozark Land & Lumber Co (Mo. Soft Pine)

MONTANA.

BONNER—*Anaconda Copper Mining Co. (Pine & Larch)
KALISPELL—*Kalispell Lumber Co. (Lumber Mfrs. & Wholesalers)
LIBBY—*Libby Lumber Co. (Mont. Larch & Western Pine)
SOMERS—*Somers Lumber Co. (Larch Lumber)

NEBRASKA.

HASTINGS—§Oliver Lumber Co.
KEARNEY—*Gilcrest F. H. Lumber Co.
LINCOLN—*Foster S. A. Lumber Co.
§Searle & Chapin Lumber Co.
OMAHA—§Baker J. L.
§Bradford-Kennedy Co.
§Bullard, Hoagland & Benedict(Hardwood)
§Cady H. F. Lumber Co.
§Chicago Lumber Co. (Mo. Soft Pine)
§Dietz C. N. Lumber Co. (Hardwood)
§Dodds Lumber Co. (Long & Short Leaf Yellow Pine, Red Cedar & Cypress)
§Guiou & Ledwich
§Hampton Lumber Co. (Hardwood)
§Hoagland G. A. & Co.
§McShane Lumber Co. (Yellow Pine)
Nebraska Bridge Supply & Lumber Co. (Red Cedar Posts, Poles, Piling, Oak Piling, Ties, Lumber)
Omaha Hardwood Lumber Co. (Hardwood)
§Walrath-Sherwood Lumber Co.
§Wentworth Lew
SOUTH OMAHA—§Bradford Louis Lumber Co.
§Watkins J. B. § Co.

NEW HAMPSHIRE.

ALEXANDRIA—Patten S. G. (Saw Mill)
ALSTED—Patten S. G. (Saw Mill)
AMHERST—Fuller Lemuel (Saw Mill)
ANTRIM—Poor M. D. (Saw Mill)
ASHUELOT—*Dickinson's A. Sons (Saw Mill)
AUBURN—Pingree A. W. (Saw Mill)
BARNSTEAD—Drake Bros. (Saw Mill)
BEDFORD—Holbrook F. G. (Saw Mill)
BELMONT—Weeks Jas. H. (Saw Mill)
BEMIS—*Morey Chas. H.
BRADFORD—*Peaslee D. G. (Saw & Shingle Mill)
BRENTWOOD—Flanders Chas. (Shingles)
CHESTER—Goldsmith N. W. (Shingles)
Morse Augustus P. (Saw Mill)
CONWAY—*Kennett A. C.
CRYSTAL—*Jackson L. A.
DOVER—Seavey J. F. Lumber Co. (Dealers)
DUBLIN—Knight Arthur J. (Saw Mill & Shingles)
EAST ROCHESTER—*Tibbett & Hayes
EAST SULLIVAN—Harris W. H. (Saw Mill)
FARMINGTON—*Jenness Bros.
GORHAM—*Libby E. & Sons Co.
*Mainstream Lumber Co.
GREENLAND—Brackett S. S. & Saw Mill)
HAMPTON—*Brown F. B. (Saw Mill)
HOLLIS—Hayden Bros. (Saw Mill)
HOOKSET—*Head W. F. & Son (Lumber & Saw Mill)
*Thompson James
LACONIA—*Cook's Lumber Co. (Staves, Exterior & Interior Finish, Dimension Spruce, Pine & Hemlock, Shingles, Laths, etc)
LEBANON—Flanders George L. (Saw Mill)
LINCOLN—*Henry Jas. E. & Sons Co.
LISBON—Conrad Edward J. (Saw Mill)
*Parker-Young Co. (Piano Stock, Packing Boxes & Lumber)
MANCHESTER—West Side Lumber Co.
MILFORD—*Peirce W. E. & Co. (Lumber Lath, Shingles, Posts, Mill Work, Finish, etc)
NASHUA—Cook F. D. Lumber Co.
Tolles J. H. & Co.
NEW MARKET—Glidden, Guy A. (Saw Mill)
PARKHILL—Goodnow E. J. (Saw Mill)
REED'S FERRY—*Parker E. E. & P.
RICHMOND—*Amidon Frank
ROCHESTER—§Champlin Wm. H.
*Felker Bros. (Lumber & Saw Mill)
*Langley Geo. H. Lumber Co.
Rochester Lumber Co. (Mfrs.)
RUMNEY DEPOT—*Herbert H. W. (Shingles)
RYE BEACH—Jenness C. A. (Saw Mill)
SALEM—McLaughlin K. M. (Saw Mill)
SHORT FALLS—Tripp & Tennant (Saw Mill)
SOUTH KINGSTON—Bartlett W. S. (Saw Mill)
SOUTH TAMWORTH—*Mason W. N.
STRATFORD—*Dennis D. H.
*Kimball William H.
SUNAPEE—Rowell W. (Saw Mill)
TILTON—Knapp Geo. E. (Saw Mill)
UNION—Farnham J. F. (Saw Mill)
Plummer Geo. L. (Saw Mill)
WARNER—*Carroll E. H. & Son
Ela M. T. (Saw Mill)
WARREN—Park Elizabeth D. (Est. of) (Lumber & Saw Mill)
WASHINGTON—Dole M. H. (Saw Mill)
WEST BRENTWOOD—Fellows. Gertrude F. (Saw Mill)
WEST CHESTERFIELD—Amidon G. F. Saw Mill)
WEST THORNTON—*Veazie W. D. & Co.
WESTVILLE—Peaslee Lumber (Saw Mill)
WILTON—Livermore Hy. H. (Saw Mill)
WINCHESTER — Naramore Edgar H. (Lumber & Pail Staves)
WINDHAM DEPOT—Seavy Geo. E. (Est of), (Saw Mill)

NEW JERSEY.

ASBURY PARK—Buchanon & Smock Lumber Co. (Saw Mill, etc)
Lewis Lumber Co.
BERLIN—*Robinson W. B. (Saw Mill)
CALDWELL—*Crane Marcus, S. (Saw Mill)
CAMDEN—*Baird David Co. (Lumber & Saw Mill)
Coles C. B. & Sons Co. (Saw Mill)
*Hadentine Lumber Co. (Hemlock, Spruce, N. C. Pine & Hardwoods), Mills, Norfolk, Va.
§Humphreys H. & Co.
§Munger & Bennett (N. C. Pine)
§Scudder R. G. & Son
§Smith R. F. & Son
§Stockham Chas. Lumber Co. (Saw Mill)
EGG HARBOR CITY—*Bozarth Lumber Co.
JERSEY CITY—§Baldwin Lumber Co., Garfield av
§Dodge & Bliss Co., West End
§Vanderbeek & Sons, Green
NEWARK—§Bailey & Alling, ft Clay st
§Bockhoven Bros. Co., 132 Astor
§Clark & Co. 515 Hunterdon (White & N. C. Pine)
§Collier Eusebius, 494 Broad
§Crowell James, ft Cross (Hardwood)
Glasby J. F. Lumber Co., 9 Badger av
Jones Wm. A. & Son, ft Jones (Saw & Planing Mill, Pine, Hardwood, etc)
§Murphy-Hardy Lumber Co., 150 Passaic (Lumber & Planing Mill)
§Ripley D. & Sons, 16 Commercial (Lumber & Timber Co.) (Saw & Planing Mill & all kinds of Lumber & Timber Mouldings, Trimmings, etc)
§Stone & Hershey, 31 Clinton (Spruce, Cypress & N. C. Pine)
PATERSON—§Stiles E. M.
PEDRICKTOWN—*Straughen B. W. (Saw Mill)
PITTSTOWN—*Deats Emley H. (Saw Mill)
ROCKAWAY—Stickle G. W.
SOUTH SEAVILLE—*Collins Jacob P. Co. (Saw Mill)
TRENTON—§Beers R. E. Lbr. Co.

NEW MEXICO.

ALBUQUERQUE—*Albuquerque Lumber Co.
§Baldridge J. C. Lumber Co.
PINOS ALTOS—Redstone Co. (Saw Mill)
ROSWELL—*Pecos Valley Lumber Co.

NEW YORK.

AFTON—Church Bros. (Saw Mill)
ALBANY—§Arnold & Co.
§Crannell Francis F. Lumber Co.
§Easton Cypress Co.
§Eaton W. J.
Hart & Fleet (Planing Mill)
Hubbell C. T. & Co.
§Hughson & Co.
§Hunter Dexter
§Kibbee A. S. & Son
§Moore R. H. & Zimmerman
§Patton & Co.
Ramsdill & Co. (Planing Mill)
§Robinson John & Co.
Thomson L. & Co. (Pine, Spruce & Hemlock)
Welsh & Grey Lumber Corp.
§White Richard P. (Pine, Spruce & Hemlock)
ALTMAR—Horton Lumber Co.
ALTON—Burns Samuel T. (Saw Mill)
BARKERSVILLE—Mattison George
BATH—*Jones Bros. & Parker (Lumber)
BERNE—Cheeseboro & Sand (Saw Mill)
BINGHAMTON—§Lyons A. J. Sons
BLEECKER—Ernst Frank (Saw Mill)
*Peters' John M. Jr. (Saw Mill)
BLOCKVILLE—Green Bros. (Saw Mill)
BOYNTONVILLE—Kautz Chas. E. (Saw Mill)
BRANT—Calkins Milford (Saw Mill)
BRASHER FALLS—Church Elmore (Saw Mill)
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—§Bartholomew Edw. W. Lumber Co.
§Betts Chas. M. & Co. (Pine, Cypress & Shingles), Hertel av & Niagara River
*Boller Chas. & Sons Co. (Planing Mill), 379 Chicago
*Buffalo Hardwood Lumber Co. (Hardwood), 940 Seneca
*Elias G. & Bro. (Pine, Hemlock & Hardwood Flooring), 965 Elk
§Goodyear Lumber Co. (Penna. White Hemlock, La. & Miss. Yellow Pine, etc), Marine Nat Bk bldg
Graves, Manbert, George & Co. (Pine), ft Hertel av
Hauenstein Alfred G. Lumber Co. (White & Norway Pine), 3050 Main
§Hurd Bros. (Lath, Shingles & Timber), 719 Bailey av
*Jackson & Tindle (Hardwood Lumber, Slack Cooperage & Broom Handles)
§Laidlaw R. Lumber Co. (White Pine Lumber, Lath & Shingles)
§Laycock Lumber Co., Ellicott sq
§McLean Hugh Lumber Co. (Hardwood & Veneers)
*McNeil Lumber Corp., 1767 Filmore av
*Miller Lumber Co. (Hardwood), 893 Eagle
§Mixer & Co. (Mich. White Pine), 168 Franklyn
*Montgomery Bros. & Co. (Yellow Pine & Hardwood)
§Reilly W. W. & Bro., Brisbane bldg
§Scatcherd & Son (Hardwood), Ellicott sq
*Standard Hardwood Lumber Co.
*Stewart I. N. (Hardwood), People's Bank bldg
Sullivan T. & Co. (Hardwood; Specialty, Ash & Elm), 2 Arthur
§Taylor & Crate (Hardwood), 2161 Elmwood av
§Underhill D. Jr. & Co., Erie Co. Bank bldg
*Yeager Lumber Co., (Hardwood) 982 Elk
BUTLER CENTER—Merrill Willis
CALLICOON—Hermann Martin (Saw Mill)
CANANDAIGUA—Garrett Wm. (Saw Mill)
CARLISLE—Brown Grant (Saw Mill)
CASSVILLE—Carpenter A. L. (Saw Mill)
CASTILE—Elitsac Mfg. Co. (Planing Mill, Wooden Toys & Novelties)
CENTRAL BRIDGE—Ottman Milland (Saw Mill)
CENTRALIA—Littlefield Sidney (Saw & Shingle Mill)
CHARLOTTE—*Upton Co.
CHATHAM—Boright John W. Lbr. Co.
CHENINGO—Hollister & Bryant (Saw Mill)
CHERRY CREEK—Hess C. E. (Planing Mill)
CHESTERTOWN—Maxam Leluel L. (Saw Mill)
CLARKSBURG—Smith J. H. (Saw Mill)
CROGHAN—*Lafave J. R. Lumber Co. (Hardwoods)
Steiner Jos. H. (Saw Mill)
CUBA—*Phelps & Sibley Co. (Hardwood, Lumber & Shingles)
*Rowley William M. & Co. (Shingle Mill)
DELEVAN—*Goo & Hopkins
ELLICOTTVILLE—Ellicottville Milling Co. (Saw Mill)
Rust & Olin (Saw Mill)
ELMIRA—*Doane & Jones Lumber Co. (Car Trade a Specialty)
FREDONIA—Kruse Frederick
GALLUPVILLE—Haverly Bros (Saw Mill)
GARFIELD—Atwater W. H. & Sons (Saw Mill)
GLENS FALLS—*Finch, Pruyn & Co., Inc.
*Kendrick & Brown Co.
GLOVERSVILLE—§Burr Bros. (Lumber & Saw Mills)
*Holden Lumber Co. (Lumber)
Peck A. W. & J. F.
HAGEDORNS MILLS—Chase Stephen (Saw Mill)
HARRISVILLE—Kilbourn R. A.
Kimball & Son
HERMON—Fairbanks R. J. & Sons (Saw Mill)
HOLLAND—Griggs Ichabod N. & Son (Saw Mill)
JAMESTOWN—Jamestown Constr. Co.
Lindbeck Chas. (Planing Mill)
Nelson Bros. (Planing Mill)
§Ross Warren Lumber Co. (Hardwood)
Wilson John T. (Est. of) (Planing Mill)
LE ROY—Rogers F. C. (Planing Mill)
LESTERSHIRE—*Lestershire Lumber & Box Co. (Sells Direct)
McKEEVER—*Moose River Lumber Co.
MARATHON—Burgess Jas. S. (Saw Mill)
MARYLAND—Burnside Bros. (Saw Mill)
MEXICO—Ames J. K. (Saw Mill)
MIDDLE GROVE—Colburn Wilford
MIDDLETOWN—§Gordon Lumber Co.
MILLERS MILLS—Grosline W. (Saw Mill)
MONSEY—Requa S. E. (Lumber)
NEWBURGH—§Newburgh Lumber Co.
*Newburgh Planing Mill Co.
NEW HAMBURG—*Millard Lumber Co. (White Pine, N. Y. Spruce, Pa. Hemlock & Box Shooks)

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—§Brooklyn Lumber Co. (Timbers), 452 Hamilton av
Bossert Louis & Son, 1335 Grand
§Curtis-Brisbin Lumber Co., 3290 Atlantic av
§Ferguson & Clarke, 517 Flushing av
§Halsted Lumber Co., 529 84th
§Jacobson A. C. & Sons, 81 Bridge
Kells Mill & Lumber Co. (Oak & Cedar Planing & Saw Mills, Cedar Boat Boards & Materials), Java & Provost
§Orr Jno. C. & Co., West c Java
§Wilson C. W. & Co. (Yellow Pine, Timbers, etc), ft Kent

Boroughs of Manhattan and Bronx.

NEW YORK—§American Lumber Co. (Hardwood, Lumber & Timber), 30 Church
*Atlantic Coast Lumber Corp., 1790 B'way
§Baxter G. S. & Co. (Ties, Piling, Railroad Lumber, etc), 17 William
§Becker C. L. & D. J. Co. (White Pine, Hardwood & Spruce), 290 B'way
§Berry Lbr. Co. (White Pine & Hardwood), 30 Church
§Booth & Lewis Lumber Co. (Southern Pine), Grand Central Terminal
§Burton J. H. & Co. (N. C. & Yellow Pine, Rift, Flooring & Cypress), 38 Park Row
*Cape Henry (Hardwood), 52 Vanderbilt av
§Caskey C. R. Lumber Co., 1123 B'way
§Chase, Talbot & Co., 27 William
Chelsea Lbr. Co., 87 Manhattan
§Cooney, Eckstein & Co. (Douglass Fir, Idaho White Pine, Yellow Pine, etc), 66 Broad
§Creed W. R. & Co. (L-L Yellow Pine), 110 W 34th
§Crossley G. R. (Pitch Pine, etc, for Export), 11 William
§Crombie W. M. & Co. (For Export & Domestic Trade), 101 Park
§Delatour A. J. (Hardwood), 176 Cherry
§Dykes Lumber Co., 348 W 44th
§Eckenroth F. & Son (Hardwoods), 921 E 5th
*Emery Geo. D. Co. (Mahogany & Spanish Cedar), 220 11th av.
§Eppinger & Russell Co. (Yellow Pine), 165 B'way
Estes E. B. & Sons (North Carolina Pine & Eastern Ash), 364 5th av
See adv index at end of book
§Export Lumber Co., 15 William
§Gardner Wood Co., 3 W 14th
Grant Geo. M. & Co., 30 Church (Hardwoods, White Pine, etc.)
Green A. H. Co. (Box Shooks, etc), 97 Warren
Hawes Willard & Co. (Hardwoods, Imp), Lewis & Seventh
*Herrmann H. Lumber Co., E 125th
§Hirsch Lumber Co., 26 Beaver
Huddleston-Marsh Mahogany Co., Hardwoods, Cottonwood, 347 Madison av
§Kalt Lumber Co., 314 E 64th
§Langdon C. S. (Pitch Pine & Douglas Fir), 71 Beaver
§Lewis Harry I. 62 Beaver
§Lowry Robt. C. & Co. (Yellow Pine & Box Shooks), 23 Beaver
§McDonald Jno. W. & Son, 106 Wall
§Maloney J. A. & Co. (Yellow Pine & White Oak Timber, Maple Flooring, Spruce & N. C. Pine), 16 Beaver
§Manning Chas. W. (Veneers & Panels, etc), 66 Broad
§Miner Stanley H. (Timber, Piles, Dock Logs, etc), 17 Battery pl
§Monteath J. H. Co. (Cabinet Hardwoods), 202 Lewis
*Montgomery Lumber Co. (Long Leaf Yellow Pine & Cypress), 52 Vanderbilt av, Mills, Suffolk, Va.
*Morgan Co. (White Pine, Idaho Pine, Basswood, Ash, Elm, Maple, Oak, Hemlock, etc; Shingles, White Cedar, Red Cedar & Pine), 21 E 40th
§Mulgrew F. A. & Sons (Mahogany Saw Mills), ft E 8th
§Murchie Horace B. & Co., 58 Pine
§Peale-Coryell Lumber Co. (Canada Spruce & Hardwoods), 949 B'way
§Potter Jos. R. & Co., 270 W 126th
§Rayner J. Co. (Mahogany & Veneers & Foreign Woods), 142 Goerck
§Rennolds J. A. & Bro. (R. R. Piles, Ties, Poles & Posts), 116 Broad
§Shepard & Morse Lumber Co. (Cypress, N. C. Pine, etc.), 21 E 40th
§Sherman A. Lumber Co. (White Pine & Spruce), Grand Central Terminal
Simpson, Clapp & Co., 42 Whitehall
§Sizer Robert R. & Co. (Yellow Pine), 15 William
§Slaymaker S. E. & Co. (W. Va. Spruce), 200 5th av
§Storey W. M. Lbr. Co., 150 Nassau, New York
*Thayer T. W. Co., 18 Broadway
§Turner J. C. Lumber Co. (White Pine, Red Cedar, Cypress & Poplar), 50 E 42nd
Van Brunt J. C. & Sons (Saw & Planing Mills), 291 Monroe
*Wayne Lumber Co. (Hardwoods, Maple & Birch), 110 W 40th

Borough of Queens.

LONG ISLAND CITY—Eppinger & Russell Co. (Yellow Pine), 1st

(End of New York City)

NORTH TONAWANDA—Alliger Box & Lumber Co. (Box Shooks, Box Lumber, Crating, etc)
§Gillespie Jas. (Whol Comm)
§Haines Lumber Co. (Pine & Red Cedar Shingles)
§Jones R. T. Lumber Co.
§Kelsey W. E. & Son
§Large Bros., Lumber Co.
§Mackenzie J. P. (Whol Lumber)
§Ollie & McKean Lumber Co. (Whol Lbr)
§Phillips C. R. & Co. (Fir, White & Yellow Pine)
§Robinson Bros. Lumber Co. (White Pine & Shingles)
§Silverthorne Lumber Co. (Lumber & Shingles)
§Smith, Fassett & Co. (White Pine)
§Smith M. M. (Whol Commr)
*Thompson, Hubman & Fisher (Planing & Lbr Mills)
§Transfer Lumber & Shingle Co. (Red & White Cedar Shingles, Red Cedar & Spruce Bevel Siding & Spruce Factory)
Transfer Stained Shingle Co. (Shingles)
Twin City Lbr. Co.
§Weston A. & Son
OGDENSBURG—*Proctor Mfg. Co. (Lumber & Mill Work)
*Skillings, Whitney & Barnes Lumber Co. (White Pine)
ONEONTA—Briggs Lbr. Co.
PARISHVILLE—Clark S. L. & Son (Lumber, Butter Tubs, etc)
PARKERS—*Parker L. B. (Spruce & Hardwood Flooring)
PERRY—Andrus David (Saw Mill)
PHELPS—Fridley Seymour (Saw Mills)
PIFFARD—Shattuck T. N. (Heading & Staves)
PIKE—Powers Wm. (Saw Mill)
PITCHER—Bennett Geo. W. (Saw Mill)
POINT ROCK—Bates Orson C.
PORTER CORNERS—Jones John S. (Saw Mill)
RANDOLPH—Wilson Lydell L.
ROCHESTER — §German-American Lumber Co.
§Hollister Lumber Co. (Hardwood & Pine)
§Miller John (White Oak & Pine)
§Morse Wm. B. Lumber Co. (Hardwoods, Pine & Hemlock, Shingles, etc)
Valley Creek Lumber Co. (Hardwood)
ROME—Comstock Edward Co.
ROUSES POINT—*Millard Lumber Co. (Lumber & Box Shooks, Pine, Spruce & Hemlock)
SAMMONSVILLE—Sammons W. S. (Saw Mill)
SANDY HILL—*Griffin Lumber Co.
*Kenyon Lumber Co. (Lath, Saw Mill, etc)
SCHENECTADY—Peckham, Wolf & Co.
Veeder & Brown
SHERMAN—Simmons James H. (Shingle Mill)
SIDNEY—§Siver M. L. & Co. (Pine, Spruce & Cypress)
SOLSVILLE—Lyon's Mills (Saw Mills)
SOUTH STOCKTON—Wakeman Frank M. (Saw Mill)
SYRACUSE—§Bannon Lumber Co.
§Chapman Lumber Co., 1322 Carbon
§Kenyon Geo. G. Lumber Co. (Hardwood, Shingles, etc.), 601 E Water
§McChesney & Tracy Lumber Co. (Pine & Hemlock, Shingles, etc), 120 Plum
§McDowell John Kenyon, 211 Wilkinson
§Mann & Hunter Lumber Co., 834 S Salina
TONAWANDA—†Bellinger A. A.
§Brady Bros.
Dodge & Bliss Co. (Box Shooks & Planing Mill) (See Jersey City, N. J.)
§Eastern Lumber Co. (Mill Works)
McLean Bros. (Whol. Lumber)
*White, Gratwick & Mitchell (Lumber & Planing Mills)
§Wilson Lumber & Box Co. (Lumber, Box Shooks & Baled Shavings)
TROY—*Madden Lumber Co. (Lumber & Planing Mill)
UNION CENTER—Howard B. (Saw Mill)
UTICA—Downers Lumber Yard, 1011 Whitesboro
Emporium Lumber Co. (Spruce, Hemlock & Hardwoods)
Gibson G. P. & Son, 468 Genesee
§Kellogg Chas. C. & Sons Co.
§Nellis, Amos & Swift (Hardwood)
Thomas Philip Sons Co., 1621 Kemble
WARWICK—Horton M. V. B. (Saw Mill)
WATERTOWN—§Harroun J. E. & Son (Spruce Flooring, Siding, Lath, Shingles & Box Shooks)
WATERVLIET—§Waterman Smith A.
WEBSTER CROSSING—White Charles H. (Saw Mill)
WELLS—*Hosley M. B. & Son (Hardwoods)
WELLSVILLE—*Coats Mfg. Co. (Hardwood)
*Duke Oak Lumber Co. (Lumber, Timber & Shingles)
*Fassett Fred W. (Hardwood)
*Mess Matthew
WEST BURLINGTON—Gardner O. C. (Woodenware)
WEST ONEONTA—Rouse & Phillips (Saw Mills)
WEST STOCKHOLM—Gibson G. N. & Son
WEST WINFIELD—Hackley A. C. (Saw Mill)
WHITESBORO—*Denton & Waterbury (Lumber, Lath & Shingles)
WILLIAMSTOWN—Sage J. L.
WILLSBORO—Highby H. A. (Saw Mill)
WORCESTER—Hadsell Bros. Co. (Saw Mill)

NORTH CAROLINA.

ALLIANCE—Campen Samuel M. (Saw Mill)
ALMA—*Alma Lumber Co.
ASHEVILLE—§Cooper W. N.
McEwen Lumber Co.
ATKINSON—Murphy J. A. (Saw Mill)
Hawes E. A., Jr. (Saw Mill)
AUSTIN—Burchett & Billings (Saw Mill)
BISCOE—Burt & Hicks
*Kanoy C. E.
BOARDMAN—*Butters Lumber Co. (N. C. Pine & Cypress)
BOLTON—Waccamaw Lumber Co. (Cypress, N. C. Pine, Yellow Poplar, Tupelo Lumber, Lath & Shingles)
BRIDGEWATER—Abernethy Lyerly Co. (Saw Mill)
BURGAW—*Woodson & Graves (Band Sawn, Rough Kiln Dried N. C. Pine)
CARTHAGE—Currie J. L. (Saw Mill)
CHARLOTTE—Collins A. Lumber Co.
Wearn J. H. & Co. (Lumber & Mfrs. Office Fixtures)
DOVER—*Goldsboro Lumber Co. (Yellow Pine Flooring & Finish)
EDENTON—*Branning Mfg. Co. (N. C. Pine & Box Shooks)
*Brown M. G. (Saw Mill)
ELIZABETH CITY—Commander T. A. & Son
GREENSBORO—*Brooks Mfg. Co.
*Guilford Lumber Mfg. Co.
GREENVILLE—Overton D. D. (Saw Mill)
HERTFORD—Major & Loomis Co. (Saw Mill)
HICKORY—*Hutton & Bourbonnais Co. (Lumber, Boxes & Shooks)
HIGHPOINT—*Snow Lumber Co.
KINSTON—East Carolina Land & Lumber Co.
Hines Bros. Lumber Co.
LENOIR—*Wilson Lumber & Milling Co.
MANCHESTER—Black Neill
NEWBERN—*Blades J. B. Lumber Co. (N. C. Pine & Saw Mill)
*Broaddus & Ives Lbr. Co. (N. C. Kiln Dried Pine Shingles, etc)
Elm City Lbr. Co. (Saw & Planing Mill)
*Munger & Bennett
*Pine Lumber Co.
PLYMOUTH—*Plymouth Lumber Co.
*Walker & Myers (Saw & Planing Mills)
RALEIGH—Lassiter C. J. (Saw Mill)
RED SPRINGS—Love J. M. & Co. (Planing Mill)
*Pearsall A. B. (L. L. Yellow Pine)
Sikes, McLean Lumber Co. (Saw Mill)
ROPER—*Roper John L. Lumber Co. (N. C. Pine)
SANFORD—*Sanford Sash & Blind Co. (Dressed, etc)
SPRING HOPE—Montgomery Lumber Co.
WASHINGTON—Kugler Lumber Co.
WILLIAMSTON—*Simmons Dennis Lumber Co. (N. C. Pine)
*Wicomico Lumber Co.
WILMINGTON—Chadbourn Lumber Co.
*Hilton Lumber Co.
WINSTON-SALEM—*Hoover A. L. & Co. (Saw Mill)
WINTON—Jordan & Parker (Lumber)
Taylor W. P. (Lumber)

NORTH DAKOTA.

FARGO—*White Wm. H. & McCulloch Lumber Co.
GRAND FORKS—*Robertson Lumber Co.

OHIO.

AKRON—Akron Lumber Co.
Lyman-Hawkins Lumber Co.
ARCANUM—*Fourman Bros. (Saw Mill)
ARCHBOLD—*Gotshall Mfg. Co.
ASHLAND—*Shearer, Kagey & Co. (Saw Mill)
BELLEVILLE — *Ritter P. (Lumber, Staves & Headings)
BLUFFTON—Kimmel J. W.
BOWLING GREEN—Bigelow Bros. (Saw Mill)
BRADFORD—*Gibboney Jacob (Saw Mill)
BRYAN—*Moog John A. (Saw Mill)
BURKETTSVILLE—*Birt Bros. (Saw Mill)
CADIZ—*Long E. M. & Sons
CAMBRIDGE—*Forney Chas. W.
*Hoyle & Scott
CAMPBELLSTOWN—Watts Bros. (Saw Mill)
CEDARVILLE—Tarbox Lumber Co. (Saw Mill)
CINCINNATI—Acme Veneer & Lumber Co. (Veneers, Thin Lumber & Mahogany Lumber), 8th & Harriet
§Banning L. G. (Walnut, Quartered Oak, Ash & Mahogany), 5th & Main
Bay Poplar Lbr. Co. (Mfrs. Cigar Box)
*Bennett & Witte (Ash, Oak, Elm Gum, Cypress, Poplar, etc), 222 W 4th
§Boyd Chas. C. & Co. (Hardwood & Veneered Lumber), Glenn bldg
§Browne H. R. (Yellow Pine, Poplar & Cypress), Fosdick bldg
Cincinnati Hardwood Lumber Co., (Oak & Mahogany Veneers), 2624 Colerain av
Crane C. & Co. (Hardwood Lumber & Box Lumber), 1739 Eastern av
§Darling J. W. Lbr. Co. (Ash, Oak, Poplar, etc), 2d National Bk bldg
Doppes J. B. Sons Lumber Co., 1250 Gest
*§Duhlmeier Bros. (Hardwoods, Mahogany, etc), Wad Dalton av
§Dulweber Jno. Co. (Hardwood), Findlay & McLean
§Enterprise Lumber Co. (Yellow Pine, Lath & Shingles), 677 Melish
*Farrin M. B. Lumber Co. (Poplar & Oak, Beveled Siding, Flooring, Oak for R. R. Ties, Fence Posts, Bridges, Ships, Dock Piling, etc), Station av & Winton pl
*Freiberg Lumber Co. (Hardwoods, Mahogany & Spanish Cedar), Dalton & Findlay
§Galle W. F. & Co. (Southern Hardwoods), 1262 Budd
Graham Lumber Co. (Yellow Poplar), 41 E 4th
Griffiths Jas. & Sons Co. (Planing Mill), Reading rd & E 12th
§Hall C. R. Lumber Co., 407 Com. Tribune bldg
Hay Lumber Co. (Hardwoods, Hardwood Flooring & Poplar), Spring Grove av & June
§Heyl Philip F. (Pine, Poplar & Cypress), 1215 W 6th
§Hinckley-Dwight Lumber Co. (Yellow Pine & Cypress), Gest & Dalton
§Keeveny T. W. Lumber Co. (Pine, Hardwoods & Shingles), 1045 W 8th
§Kipp B. A. & Co. (Hardwood), 818 W 6th
§Lewin A. M. Lumber Co. (Yellow Pine & Cypress), Bank & McLean
§Littleford Geo. (Hardwood), 1768 Central av
§Mickle H. L. Lumber Co., 914 2d Natl Bk bldg

OHIO-CINCINNATI—continued
§Mowbray & Robinson Co. (Poplar & Hardwoods, Car Stock, Ties, etc), 8th & Horn
§Nicola, Stone & Meyers Co. (Pine & Hardwood), 1221 W Liberty
Oak Flooring Service Bureau, Union Trust bldg
*Ohio Veneer Co. (Mahogany & Thin Lumber & Veneers. Sliced, Cut & Sawed Quartered Oak Veneers), 2624 Colerain av
*Owl Bayou Cypress Co. (Cypress Lumber & Shingles), Mills, Strader, La.
*Perry Wm. H. Lumber Co. (Heavy Oak & Pine Timbers & Specialty), 1821 Gilbert av
Pierson Lumber & Coal Co., Cooper & Cherry Northside
§Radina L. W. Lumber Co. (Hardwoods), Clark & Dalton av
§Richey Halsted & Quick (Poplar, Yellow Pine, White Pine, Oak), 702 Traction bldg
§Riemeier Lumber Co. (Hardwoods, Quartered & Plain Oak), Sumner nr Gest
§Shiels Chas. F. & Co. (Hardwoods), Gest & McLean avs
*Stone T. B. Lumber Co. (Yellow Poplar, Oak, Chestnut, Walnut, Gum, Cottonwood & Ash), Dalton & Hopkins
Taft S. H., 16 Hulbert blk
Trimble Cypress Co. (Cypress & Shingles), 508 Bell blk
§Western Lumber Co. (Hardwood), 8th nr Evans
§Wiborg Harry P. (Yellow Pine & Hardwood), Un. Cent. bldg
CLARK—Conkle John, Jr. (Saw & Planing Mill)
CLEVELAND—§Advance Lumber Co. (Pine & Hardwoods), Rockefeller bldg
§Alexander Bros. Lumber Co., Schofield bldg
Barner-Mead Lumber Co., 1962 E 107th
§Central Lumber Co., Williamson bldg
*Cleveland Box Co. (Resawed Lumber, Box Shooks, Packing Cases & Crating)
§Cuyahoga Lumber Co., 1948 Carter rd
§Euclid Av Lumber Co., 11710 Euclid av
Federal Lumber Co., Guardian bldg
§Fisher & Wilson Co. (White Pine), Rockefeller bldg
§Foote C. H. Lumber Co., Scranton & Girard av
§Gill Lumber Co., Hippodrome bldg.
Greif Bros. Cooperage Co. (Barrels & Kegs & Stack Cooperage Stock), 1937 Willey av
Interstate Lumber Co., The Arcade
Lake Erie Lumber & Supply Co., 5459 Hamilton av
*Martin-Barriss Co. (Mahogany & Cabinet Wood Mfrs. & Importers), 2048 W 3d
§Mills-Carleton Co., 1886 Carter rd N W
Nicola, Stone & Myers Co., Swetland bldg
§Potter, Teare & Co., 1918 Carter rd
§Prasse Lumber Co., 1864 Columbus rd N W
§Saginaw Bay Co., 2106 W 3d S W
Singletary Lumber Co., 1633 Merwin av
COAL GROVE—*Yellow Poplar Lumber Co. (Yellow Poplar & White Woods)
COLUMBUS—*Allen H. R. & Co., Commerce bldg
*Bergin M. J. Lumber Co., 225 Dennison av
§Brasher H. D. Lumber Co.
*Cones & Menefee, 450 W Broad
§Davis A. C. Lumber Co.
*Ritter W. M. Lumber Co., 115 E. Rich
*Snider J. J. Lumber Co., Taylor av
CUYAHOGA FALLS—Steele-Alderfer Co. (Hardwood)
Snider J. J. Lumber Co., Taylor av
DAYTON—*Dayton Lumber & Mfg. Co.
§Edwards E. L. Lumber Co.
§Gebhart-Wuichet Lumber Co.
*Hartzell Geo. W. (All Kinds of Hardwoods)
Hossafous H. C
§Kuntz-Johnson Co.
§Kuntz Peter Co.
West Side Lumber Co.
DELAWARE—§Battenfield M. W.
*Dunlap C. C. (Saw Mill)
§McKenzie Lumber Co.
EAST FULTONHAM—*Weller John W (Saw Mill)
FINDLAY—*Parker Lumber Co. (Lumber & Mills)
FORT RECOVERY—*Reuter G. A. (Hardwood)
FORT LARAMIE—*Wise August (Saw Mill)
GALENA—Bennett E. C. (Saw Mill)
GREENFIELD—Barr W. L. (Saw Mill)
HAMILTON—Dingfelder W. S. (Lumber & Planing Mill)
HAMLER—*Panning Bros (Saw Mill)
HOUSTON—*Barr N. W. (Saw Mill)
IRONTON—*Fearon Lumber & Veneer Co. (Poplin, Rough & Dressed)
§Ironton Lumber Co.
§Nigh Lumber Co., (Poplar, Ash & Walnut)
*Ward W. G. Lumber Co.
Whisler & Scearcy Co. (Hardwood)
JEFFERSON—Beede M. W. & Son (Saw Mill)
KILLBUCK—*Duncan J. C. (Saw Mill)
LAGRANGE—Ryan H. J. (Saw Mill)
LEIPSIC—Buckeye Stave Co. (Large, Saw, Planing & Stave Mill)
LINDSEY—*Bloker Lumber Co. (Saw & Planing Mill)
LOCKLAND—Lockland Lbr. Co.
LORAIN—Kratt George
LORAMIE—Wise August (Saw Mill)
LYNCHBURG—*Turner Daniel (Saw Mill)
MADISON—*Bates Delos (Saw Mill)
MAPLETON—*Sherer E (Saw Mill)
MANTUA—*Parker N. D. & Sons (Saw Mill)
MESOPOTAMIA—*Noble E. L. (Saw Mill)
MIAMISBURG—*Wantz Lumber & Coal Co. (Hardwood)
MONROE CENTER—*Felch L. G. (Saw Mill)
MOUNT ORAB—*Hughes G. V. (Saw Mill)
NEW LEBANON—*Slyder J. D. & I. (Saw Mill)
NEY—*Fieldner & Son (Saw & Planing Mill)
NORWALK—*Norton Hardwood Co. (Hardware & Saw Mill)
ORWELL—*Sellers E. A. (Saw Mill)
OWENS—*Seiter & Son (Saw Mill)
PAINESVILLE—§Malin S. L. & Son
PATASKALA—*Brooke Lumber Co. (Saw & Planing Mill)
ROCKFORD—*Hawk A. J. Sons
SOUTH SALEM—Lunbeck Bros. (Saw Mill)
SPENCERVILLE—Reynolds W. A. Lumber Co. (Saw Mill)
SPRINGFIELD—*Rawlins A. M. (Hardwood)
STOUT—*Wamsley A. S. (Saw Mill)
STRYKER—Stryker Boat-Oar & Lumber Co.
SYCAMORE—Petty J. A. (Saw Mill)
TIRO—Allen B. F.
TOLEDO—§Campbell Lumber & Mfg. Co. (& planing Mill), Hoag nr Dorr
*Empire Lumber Co. (White & Yellow Pine)
*Gotshall Mfg. Co.
§Kelsey & Freeman (White Pine)
§Trotter Lumber Co.
VAN WERT—*Gleason Lumber Co. (Saw Mill)
VICKERY—*Worrman E. W. (Saw Mill)
WARREN—*Helman D. L. (Saw Mill)
WATTSVILLE—*Orwich Sherman
WAUSEON—Wauseon Lumber & Supply Co. (Hardwood)
*Williams H. H. & Co. (Saw Mills)
ZANESVILLE—Drake Thos. Lumber Co.
Herdman Sash, Door & Lumber Co.

OKLAHOMA.

ARDMORE—Chickasaw Lumber Co.
CHICKASHA—Stephensen-Browne Lumber Co.
MUSKOGEE—Muskogee Lumber Co.
RED ROCK—Foster Lumber Co.

OREGON.

ASTORIA—*Astoria Box Co. (Boxes & Lumber)
Astoria Timber & Lumber Co.
*Hammond Lumber Co.
AUDREY—*King L. D.
BAKER—*Oregon Lumber Co.
BEND—Shevlin-Hixon Co. (Idaho, Montana & Cal. Pine)
BRIDAL VEIL—*Bridal Veil Lumbering Co.
CAMAS VALLEY—*Thrush E. H. (Saw Mill)
COTTAGE GROVE—*Brown Lumber Co.
§Chambers J. H.
CURTIN—*Stewart & Delanney
*Skidmore Wm. Sons & Co.
DALLAS—*Williamette Valley Lumber Co., 518 Cherry
DUFUR—Dufur Lumber Co.
Ward J. W.
EMPIRE—*Southern Oregon Co.
EUGENE—*Booth-Kelly Lumber Co. (Oregon Pine, Cedar & Hemlock)
FALLS CITY—*Falls City Lumber Co.
FOSTER—*Wodtli Fred.
GLENDALE—Glendale Lumber Co.
GLOBE—*Jones E.
HOOD RIVER—*Stanley-Smith Lumber Co.
KLAMATH FALLS—Pelican Bay Lbr. Co. (Pelican White Pine)
LA GRANDE—*Palmer Geo. Lumber Co. (Pine, Fir & Larch)
LEBANON—*Lebanon Lumber Co.
LEONA—*Leona Mills Lumber Co.
LINNTON—*Clark & Wilson Lumber Co.
§Noyes J. B. & Co.
LORANE—*Addison Bros.
*Hopkins Lbr. Co.
MARCOLA—*Fischer Lumber Co.
MILLWOOD—Clark Lumber Co. (Saw & Shingle Mill)
MULINO—Trullinger D. L.
MYRTLE CREEK—*Myrtle Lumber Co.
NEWBERG—*Spaulding Chas. K. Logging Co. (Rough & Dressed Ash & Maple, etc)
PERRY—*Grande Ronde Lumber Co.
PORTLAND—*Anderson H. J. Co. (R. R. Ties & Piling), Broadway
§Broughton & Wiggins Co. (Piling & Cedar Poles), Yeon bldg
*Douglas Fir Lumber Co., Leon bldg
*East Side Mill & Lumber Co., ft of Spokane
§Eastern & Western Lbr. Co., 21st of N Front.
*Falls City Lumber Co. (Soft Siletz, Yellow Fir Lumber & Red Cedar Shingles), Northwestern Bk bldg
*Inman Poulsen Lumber Co. (Oregon Pine), ft of E Caruthers
*Jones Lumber Co., 291 4th
Menefee L. B. Lumber Co. (Saw & Shingle Mill), N. W. Bk. bldg
*Multnomah Lumber & Box Co., ft of Baucroft
§North Pacific Lumber Co., Ry. Exchange bldg
*Pacific Export Lumber Co. (Pine, Fir & Nat. Spruce), Chamber of Commerce bldg
§Pacific Mill & Timber Co.
§Peninsula Lumber Co. ("Oregon" Fir Lumber, Car Material exclusively), ft of McKenna av
§Portland Lumber Co. (Fir Lumber, Lath, Flooring, Ceiling, Dimension, Long Timbers), ft Lincoln
*Shevlin Edwin C., Spalding bldg
§Standard Box & Lumber Co., 63 E Water
*Westport Lbr. Co.
*Willamette Box & Lumber Co., Linton
RAINIER—*Columbia River Door Co.
*Stehman Bros. (Saw Mill)
ST. HELENS—St. Helens Lumber Co. (Fir)
ST. JOHNS—§St. Johns Lumber Co.
SCHOLLS—*Groner & Rowell Co.
SILVERTON—*Silverton Lumber Co.
SWEET HOME—*Weedle A. L.
WALKER—*Briggs Lumber Co.
WARRENTON—*Kelly D. L. Lumber Co.
WEST PORT—*Westport Lumber Co.
WOODBURN—*Abaqua Lumber Co.

PENNSYLVANIA.

ALLEGHENY—§Bruckman Lumber Co., Preble nr Island
Schulze & Emanuel (Lumber & Planing Mill), 614 3d
*Walter H. R. Lumber Co. (Hardwood & Yellow Pine), Fayette & Manhattan
ALLENTOWN—*Big Run Manfg. Co. (Hardwood & Staves)
§Trexler Lumber Co.
ALPINE—*Smith Wm. M. (Saw Mill)
ASHLAND—*Bright H. F.
Waldner Adam (Planing Mill)
AVONDALE—Hicks John H. (Saw Mill)
BARREE—*Walker H. E. & Bro. (Lumber & Shingles)
BARTONSVILLE—Slutter L. L. (Saw Mill)
BEAVER FALLS—§Brierly Frank F. & Sons
BECHTELSVILLE—Stauffer A. T. B. (Saw Mill)
BELLEFONTE—*Crider P. B. & Son (Lumber & Saw Mills)
BRADFORD—*Bemis J. M. & Son
§Bond Alfred J. (Hemlock), 124 Mechanic
*Bradford Hdw. Lumber Co.
BROOKVILLE—*Pocahontas Lumber Co. (Spruce, Hemlock & Hardwoods), Mills: Burner, W. Va.
*Vanleer Bros. (Lumber & Planing Mill)
BURNT CABINS—Comerer W. M. (Saw Mill)
CAMBRIDGE SPRINGS—Blystone W. C. & Son (Saw Mills)
CLARINGTON—*Braden A. R.
CLEARFIELD—*Clearfield Millwork & Lumber Co.. (Ltd.), (Hemlock, Pine, Oak & Hardwood)
COATESVILLE—Ash Chas. W. (Saw Mill)
CONYNGHAM—Hess A. E. (Saw Mill)
COOKSBURG—Cook's A. Sons Co. (Lumber)
CORRY—Clark & Son Co.
DANIELSVILLE—Hickory Lumber Co.
DUBOIS—*DuBois Jno. E.
EASTON—Butz Edward M. (Planing Mill)
Zearfoss & Hilliard Lumber Co. (Lumber & Saw Mill)
EBENSBURG—*Griffith Webster (Maple Flooring, Hemlock & Hardwood)
ELIZABETH—Rhodes S O. (Saw Mill)
ELK LICK—Compton Demetrius (Saw Mill)
EMPORIUM—*Howard C. B. Co.
ENDEAVOR—*Wheeler, Aylesworth & Co. (Saw Mill)
*Wheeler & Dusenberry (Lumber, Lath & Shingles, Pine Lumber up to 72 feet)
EVANS CITY—*Dambach Edw. Co.
FELTON—Stabley W. H. (Saw Mill)
GRAND VALLEY—Wood, Williston P.
GUYS MILLS—Morgan John (Saw Mill)
Williams Bros. (Saw Mill)
HOLLIDAYSBURG—*Irvine Robt. C.
*Young Blair B. (Saw Mill)
IOLA—Eves A. W.
JOHNSTOWN—*Dempsey Lumber Co. (Spruce, Hemlock & Hardwoods)
*Murdock J. M. & Bro. (White Oak, Hemlock & Hardwood)
KANE—*Mell-Vaill Lumber Co. (Rough & Dressed Lath & Shingles)
KNOXVILLE—*Edgcomb W. H. & Sons (Mill Work)
KUTZTOWN—*Gonser John R.
MARIENVILLE—*Shields D. B.
MILLERSBURG—Snyder C. J. (Saw Mill)
MILTON—*Clinger's D. Sons (Lumber & Planing Mill)
MONONGAHELA—*Monongahela Saw & Planing Mill Co.
MONTGOMERY—*Meixel, Coleman & Co. (Saw Mill)
NEBRASKA—*Collins, Darrah & Co.
*Watson Lands Lumber Co. (Pine Lumber)
NEW BETHLEHEM—*Andrews Lumber Co. (White Oak, White Pine & Hemlock, Timber & Lumber, also Plaining Mill)
NEWTOWN—Watson A. W. & W. M. Co. (Saw & Planing Mill)
NORRISTOWN—Grater-Bodey Co. (Planing Mill)
NOXEN—Trexler-Turrell Lumber Co.
OLYPHANT—*Peck Lumber Mfg. Co.
PAINTERSVILLE—Goss William Howard (Saw Mill)
PARNASSUS—*Logan J. W. & Sons Co. (Lumber & Planing Mills)
PHILADELPHIA—§Anderson & Slonaker, Del. av c Poplar
§Betts Chas. M. & Co. (Pine, Cypress & Shingles), Bailey bldg
§Bowers S. P. Co., 112 N. Broad
§Bruner Owen M. Co. (White & Yellow Pine & Hardwood, Maple Flooring, Rift Yellow Pine, Flooring a Specialty), Land Title bldg
§Buzby C. M. & Sons, 626 Wash'n av
*Cherry River Boom & Lumber Co. (W. Va. Spruce, Hardwoods, Cypress & Pine), Land Title bldg
COALE THOMAS E. LUMBER CO. (Spruce, Hemlock, White Pine, Cypress, Long & Short Leaf Yellow Pine, Hardwoods, Larch, Fir & Cal. Sugar Pine), Bellevue Court bldg
See adv index at end of book
§Coolbaugh C. C. & Son Co. (Pine & Hardwood) 19th & Cambria
§Coppock-Warner Lumber Co. (Yellow Pine), Land Title bldg
§Craig Geo. & Sons (Mfrs. Hemlock, Spruce & Hardwood; Wholesale Long Leaf Yellow Pine), Morris bldg; Mills: Winterburn, W. Va.
§Este Chas. Co., 3d & Allegheny
§Fritz Wm. H. & Co., Crozer bldg
§Garman A. St. Clair, 8th bl Diamond
§Geissel & Richardson, Ridge av c Master
§Gillingham Frank C. & Son Co., Norris n Richmond
§Hallowell & Souder (Hardwood, Pine & Cypress Lumber), Harrison bldg
*Hammer Thos. B., Franklin Bank bldg
§Holloway J. F. (Hemlock, Hardwoods & N. C. Pine), 312 Commercial Terrace blvd
§Janney Jos. W., Pier 52, North Wharves
§Kay Lumber Co. (Pine, Hemlock & W. Va. Spruce), Franklin Bank bldg
§Kent J. S. Co. (All Pine, Spruce & Shingles), Harrison bldg
§Ketcham Howard, 1160 N 3d
§Kugler Geo. W. & Sons Co., 921 New Market
Lear W. H. (Cypress & Hardwoods), 979 N Front
§Little Jno. J., Land Title bldg
*Little River Lumber Co., Franklin Bank bldg
§Lloyd Sam'l & Co., Girard bldg
§Lloyd Wm. M. Co., Ridge av c N 29th
§Lukens Bros. (Pine, Spruce, Hardwood & Shingles), 9th & Girard
§McIlvain J., Gibson & Co. (Hardwood a Specialty), Crozer bldg
§Malone, Watson & Sons, Laurel St. Wharf
Mingus & Rutter (Oak, Poplar, Bass, Hemlock, N. C. Pine & Other Hardwoods), Franklin Bk. bldg
§Monarch Lumber Co., 15th & Market
§Nass Geo. & Son, Broad & Vine
§Otter Creek Boom & Lumber Co. (Hemlock), Witherspoon bldg
*Pamlico Lumber Co. (N. C. Pine), Land Title bldg
Pearson & Ludascher Lbr. Co. (Yellow Pine)
§Peart, Nields & McCormick Co., Harrison bldg
§Pennell Edmond, Penna bldg
§Provident Lumber Co., Water & Dickinson
§Rayner & Parker, Commercial Trust bldg
*Rice T. B. & Sons Co. (White Pine & Hemlock Lumber), Mifflin St. Wharf, Delaware River
§Risley C. V. (R. R. Ties & Lumber), Phila. Bourse
*Roper Jno. L. Lumber Co. (N. C. Pine & Cedar Shingles), Franklin Bank bldg
§Schofield Bros. (White Pine, Spruce, Hemlock, etc), Penna bldg
§Shearer Sam'l H. & Son, 1420 Chestnut
*Sheip Henry H. Mfg. Co. (Hardwoods & Cigar Box Lumber), 6th & Columbia
§Souder E. A. & Co. (Pine & Cypress), Franklin Bank bldg
§Spiegle Geo. M. & Co., 18th & Somerset
§Stokes Bros. Co., N W 30th & Chestnut
Tague Jas E. & Co. (Whol. Dlrs.), 10th & Columbus av
§Talley's Thos. J. Sons (Piling, Hemlock, Pine, Spruce & Oak Bill Stuff), Land Title bldg
§Ternan & White, 20th & Erie
§Thompson Lewis & Co. (R R Ties & Posts), N. American bldg
Turnbull J. W. Lbr. Co., Stock Exchange bldg
§Vrooman S. B. Co. (Ltd.) (Yellow Pine & Mahogany), 1133 Beach
§Warner Geo., Drexel bldg
§Weitzel Lumber Co., Sedgeley & Gtn. av
§Whitmer Wm. & Sons (Inc.) (Hardwood, White Pine & Spruce), Finance bldg
§Williams Alex. O., 6th & Berks
§Williams J. R. & Co., Commercial Trust bldg
*Williams & Van Roden (Ash, Poplar & Oak), 1345 Arch
§Wistar, Underhill & Nixon, Real Estate Trust Co. bldg
§Yellow Pine Co. of Phila. (Long & Short Leaf Yellow Pine), 30th & Spruce
PINE GROVE—*Boyer Mahlon H. (Lumber & Saw Mill)
Fegley Morris (Saw Mill)
PITTSBURGH—§Acorn Lbr. Co., Oliver bldg
§Allegheny Lumber Co., Ferguson bldg
§AMERICAN LUMBER & MFG. CO. (Timber, Lumber, Peoples Bank bldg
§Babcock Bros. Lumber Co. (Saw Mills), Frick bldg.
§Babcock Lumber Co. (Hemlock, White & Yellow Pine & Maple Flooring, Hardwood & Shingles), Frick bldg
Forest Lumber Co., Fulton bldg
Germain Co. (Southern Yellow Pine, Cypress), Farmers' Bank bldg.
§Gillespie D. L. & Co. (Pitch Pine, etc), Oliver bldg
§Hastings J. M. Lumber Co. (Yellow Pine), 541 Wood
§Interior Lumber Co., Keenan bldg
§Mitchell W. I., 508 Penn av
§Munhall R. J. Lumber Co., Sidney & Brady
§Nicola Lumber Co. (Red Cedar Shingles, Gum, Cottonwood, Hardwoods, Maple Flooring, etc), Farmers Bank bldg
§Satler-Hamilton Lumber Co., Oliver bldg
§Saw Mill Products Co. (Yellow Pine, White Pine Pattern & Flask Lumber, Fir & Oak Bridge Timbers), South av
§Schuette Wm. & Co. Bndn Trust bldg
§Terhune Lumber Co. (White & Yellow Pine & Hemlock), Oliver bldg
§Thompson Dwight, House bldg
§Walter H. R. Lumber Co. (Hardwood, & Yellow Pine), Fayette & Manhattan
West Penn. Lumber Co. (Yellow Pine, White Pine & Hemlock), Farmers Bank bldg
§West Virginia Lumber Co. (White Pine, Yellow Poplar, Oak & Chestnut), Conestoga bldg
Wheeler J. R. & Co. (Pattern, Templet, Flask & Tank Lumber, Roofing & Furring Strips, Yellow Poplar for Carriage & Piano Mfrs.), Park bldg
Willson Bros. Lumber Co. (Northern Pine, N. C. Pine & Shingles), Oliver bldg
POTTSTOWN—Snyder Henry J.
POTTSVILLE—Beecher & Barr (Mine Lumber, etc)
*Georgia Carolina Lumber Co.
*Glen Union Supply Co.
Lycoming Timber & Lumber Co.
*Tennessee Lumber Mfg. Co.
READING—Buch Bros.
Central Lumber Co.
REYNOLDSVILLE—Hollis J. A. & Son
RIDGWAY—*Blue Stone Land & Lumber Co.
*Hyde W. H. & Co.
Thayer Henry S.
ROCKWOOD—Wolf Penrose (White Oak, etc)
ST. CLAIR—*Reichley Bros. & Co. (Mine Timber)

PENNSYLVANIA—continued
ST. MARYS—*Kaul & Hall Lumber Co.
*Portland Lumber Co.
SCRANTON—*Ansley Lumber Mfg. Co. (Shingles, Flooring, etc)
*Cherry River Boom & Lumber Co. (Spruce, Hemlock & Hardwoods)
*Hebard-Cypress Co., Mills, Waycross, Ga.
§Lackawanna Lumber Co. (Hemlock & Hardwood)
§Newman J. J. Lumber Co.
*Peck Lbr. Mfg. Co.
§Price & Howarth
*Washburn, Williams & Co.
SHAMOKIN—*Kulp Lumber Co.
*Shamokin Lumber & Mfg. Co.
SHEFFIELD—*Pennsylvania Lumber Co. (Lumber, Lath & Shingles)
SHIPPENSBURG—Burns Harry (Saw Mill)
SOUDERTON—*Souder Uriah H. (Saw Mill)
SPRING MILLS—Finkle A. N. (White Oak & Pine)
SUNBURY—*Whitmer-Steele Co.
TAMAQUA—Zehner Jacob (Saw Mill)
TEMPLETON—*Redinger S. G. & Sons
TIDOUTE—*Hunter L. L. (Est. of)
Stillman J. A. (Lime & Cement)
TIONESTA—*Forman H. M. (Lumber & Ties)
*Gaston G. G. (Lumber & Saw Mill)
*Robinsonn G. W. & Son (Planing Mill)
TOWANDA—Eilenberger & MacNeal
TYRONE—*Beyer F. D. & Co. (Saw & Planing Mill)
UNIONTOWN—*Palmer & Semans Lumber Co. (Lumber, Lath & Shingles)
URSINA—*Davis J. B. & Sons (White Oak, Poplar, etc)
*Van Sickel E. Co. (not inc.) (White Oak, etc)
WARREN—*Rogers Lumber Co. (Hemlock, Pine, Hardwood Flooring, Mouldings, Lath, Shingles, House Finish, etc)
§West J. H. Lumber Co.
*Wetmore L. D. Co.
WILLIAMSPORT—§Birkle John A.
*Bowman Lumber Co. (Hemlock, etc)
*Breining John A. & Son
*Central Penna. Lumber Co.
*Coleman Harter & McCormick
*Coleman John (Hemlock, etc)
§Erdman Geo. F.
*Emery Lumber & Coal Co. (Hemlock, Long, Large Bbls)
*Hall John L.
Hoover G. W.
*Kavanaugh Daniel
*Keystone Lumber Co.
§Mansel James
*Mansel & Metzger
§Miller H. A. & Co.
*Perley A. P.
§Reese-Sheriff Lumber Co.
§Roos Chas.
*Sones C. W.
*Walton P. B.
§Williamsport Hardwood Lbr. Co.
*Williamsport Planing Mill Co.
WOODBURY—Frederick Adam (Saw Mill)
WYALUSING—*Welles M. H. & G. H. Lumber Co.
YORK—*Billmeyer & Small Co. (Hemlock, White Pine & Oak)

RHODE ISLAND.

PROVIDENCE—§Angell H. M. 49 Westminster
*Crittenden Lumber Co.
§Gage L. H. Lumber Co. (Hardwood), 32 Westminster
§Kile & Morgan Co., R. I. H. Tr. bldg
*Potter, J. A. & Co. (Southern Pine, etc.), Crary
Talbot Bros. Co. (Box Shooks & Box Boards), Grosvenor bldg

SOUTH CAROLINA.

ALCOLU—*Alderman, D. W. & Sons Co.
ALLENDALE—Bryan Bros. (Saw Mill)
BUCKSPORT—*Richardson Cypress Lumber & Shingle Co.
CHAPLIN—Robinson, C. P. (Saw Mill)
CHARLESTON—§Anderson Lumber Co. (Lumber Ties and Shingles)
*Burton, E. P. Lumber Co. (Cypress Lumber & Shingles)
*Cook W. P. & Co. (Ties, etc)
*Halsey Lumber Co.
Simmons, Benj. I. (Lumber, Timber, Shingles, Yellow Pine, Lumber, etc.)
Tuxbury A. C. Lbr. Co.
EFFINGHAM—*Dargan Lumber Co. (Saw Mill)
EHRHARDT—Ehrhardt, C. & Son (Saw Mill)
FERGUSON—*Santee River Cypress Lumber Co. (Cypress, Ash, Gum, Cottonwood, Pine)
GEORGETOWN—*Atlantic Coast Lumber Corp.
Winyah Lbr. Co.
HAMPTON—*Hampton & Branchville R. R. Lumber Co.
KINGVILLE—Trumble Edwin (Saw Mill)
LEESVILLE—Barr C. D. (Saw Mill)
LORIS—*Bryant J. C. Co.
LUMBER—*McKeithan D. T. Lumber Co. (Lumber & Saw Mills)
McBEE—Ingram J. D. (Shingle Mill)
McCLELLANVILLE—Leland H. G. (Saw Mill)
McCOLL—McLaurin W. B. (Saw Mill)
MARION—Anderson Lbr. Corp.
Marion County Lbr. Corp.
PINEWOOD—Broughton N. L. (Saw Mill)
PROSPERITY—*Hunter & Saner (Lumber & Saw Mill)
RIDGEVILLE—Thrower D. E. (Saw Mill)
SUMMERVILLE—Prettyman J. F. & Sons
SWANSEA—Rast W. B. & Son (Saw Mill)
WEST UNION—Brown Lumber Co. (Saw Mill)
Shockley J. C. (Saw Mill)

TENNESSEE.

BRISTOL—*Stone-Huling Lbr. Co.
CHATTANOOGA—*Card J. M. Lumber Co. (Hardwoods & Yellow Pine)
Central Lumber Co., Chattanooga, Tenn.
*Chattanooga Lumber Co.
§Evans G. H. Lumber Co. (White & Red Oak & Poplar)
*Field D. S. & Levi
*Loomis & Hart Mfg. Co. (Saw & Planing Mills)
JACKSON—*Coleman W. H. Co. (Tight Barrel Circled Headings, etc)
JOHNSON CITY—*Harris Mfg. Co. (Hardwood Lumber)
*White Lumber Co. (Maple, Chestnut, Hickory, Basswood & Poplar)
KNOXVILLE—Kimball & Kopcke (Hardwood)
Knoxville Lumber & Mfg. Co.
Logan J. M. Lumber Co. (Wholesale)
McCabe Walter (Wholesale)
Maphet & Shea Lumber Co. (Wholesale)
Maples Lumber Co. (Wholesale)
*Michaels T. M. (Saw Mill & Lumber)
River Side Lumber Co. (Mfrs)
*Rose D. M. & Co.
§Ross Lumber Co.
*Vestal Lumber & Mfg. Co. (Tennessee Red Cedar, Band Sawed)
LOUDON—Ward A. W.
MEMPHIS—*Anderson-Tully Co. (Gum & Cottonwood Lumber)
§Belgrade Lbr. Co.
*Bennett Hardwood Lumber Co. (Southern Hardwoods, Oak, Ash, Gum, etc)
Brown Geo. C. & Co. (Hardwoods, Red Gum)
*Chickasaw Cooperage Co. (Cooperage Materials, etc)
*Cole Mfg. Co.
Crenshaw-Gary Lumber Co. (Red Gum)
*Darnell-Love Lumber Co.
*Dickson J. W. Co. (Oak, Ash, Gum, Cottonwoods, etc)
Florence Table & Lbr. Co.
Friedel W. R. Co.
§Gladden C. S.
§Goodlander-Robertson Lumber Co. (Southern, All Kinds)
*Holmes J. A. Lumber Co.
Jordan J. P. & Co.
§Major S. C. & Co. (Southern Hardwoods)
*Memphis Hardwood Flooring Co. (Flooring)
Memphis Stave Mfg. Co. (Slack Barrel Staves)
*Memphis Veneer & Lumber Co.
§Meredith J. P. Cedar Co. (Red Cedar, Piling, Poles & Posts)
*Moore & McFerren (Cottonwood & Gum)
*Russe & Burgess (Hardwood, Plain & Quartered Oak, Satin Walnut, Poplar, Tupelo, Gum, Bay Poplar)
§Smith-Carothers Lumber Co. (Hardwood)
*Sondheimer E. Co. (Gum, Cypress, Cuttonwood, Ash, Elm, Poplar, Sycamore, etc)
§Stark Jas. E. & Co. (Plain & Quarter Sawed White & Red Oak, etc)
*Three States Lumber Co. (Hardwood)
*Thompson Albert N. & Co. (Gum & Southern Hardwoods)
Wheeler J. W. & Co. (Red Gum)
MORRISON—Philpot Lumber Co. (All Kinds of Southern Hardwood)
NASHVILLE—§Davidson Hicks & Greene Co.
*Hayes A. L. Co. (Lumber & Tight Barrel Staves, etc)
*Indiana Lumber Co. (Hardwood)
*Lieberman, Loveman & O'Brien
*Love, Boyd & Co. (Oak, Ash, Poplar, Chestnut, Sycamore, Hickory, Rough & Dressed)
*Nashville Hardwood Flooring Co.
*Nashville Tie Co. (Cross Ties & Cedar Piling)
§Ransom J. B. & Co. (Rough & Dressed Red Cedar, Yellow Poplar, Walnut, Ash, Oak & Red Cedar Flooring)
*Tenn Oak Flooring Co. ("Tofco")
NORMA—*New River Lumber Co. (Hardwood)
SOUTH PITTSBURGH—Haskew Lumber Co. (Saw Mill)
WAVERLY—*Lucas Land & Lumber Co. (Lumber & Planing Mill)

TEXAS.

AVINGER—Rhyne A. M. & Co. (Saw Mill)
BEAUMONT—*Beaumont Lumber Co. (Yellow Pine)
*Industrial Lumber Co. (L. L. Yellow Pine)
*Keith Lumber Co. (Yellow Pine)
*Nona Mills Co., Ltd. (Yellow Pine)
Sabine Tram Co. (Yellow Pine)
CALL—Kirby Lumber Co.
CAMDEN—*Carter W. T. & Bro. (Yellow Pine)
DALLAS—*Clark & Boice Lumber Co. (Yellow Pine)
*Craven Lumber Co. (Yellow Pine Lumber & Cypress Shingles)
*Godley, Carroll Lumber Co.
§O'Neil W. H. & Co.
DIBOLL—*Southern Pine Lumber Co. (Yellow Pine)
ELMINA—*Walker County Lumber Co. (Yellow Pine)
GALVESTON—*Moore & Goodman (Lumber, Lath & Shingles)
GROVETON—*Trinity County Lumber Co. (Yellow Pine)
HOUSTON—Attoyac River Lumber Co.
*Bender C. & Sons
*Bland Jeff Lumber & Bldg. Co.
*Cameron Wm. & Co.
*Carter W. T. Lumber & Bldg. Co. (Yellow Pine)
*Carter W. T. & Bro.
§Central Coal & Lumber Co. (L. L. Yellow Pine, La. Red Cypress, etc)
*Continental Lumber Co. (Yellow Pine, Cypress, Shingles, etc)
*Cummings C. R. Export Co. (Exporters, Hardwood)
§Harrell Ed. H. Co. (L. L. Yellow Pine La. & Cypress Lumber, Interior Finishing, etc)
*Hilgard Lumber Co.
*Hill J. C. Lumber Co. (Lumber & Shingles)
*Kirby Lumber Co.
*Long-Bell Lumber Co.
*Norris W. H. Lumber Co. (L. & S. Leal & Yellow Pine Lumber & "Gilbert's" Shingles)
*Palmetto Lumber Co.
*Rice J. S. & W. M. Lumber Co.
*Sabine Lumber Co.

*Texas & Louisiana Lumber Co. (Yellow Pine & Red Cypress Lumber, Lath, Pickets, Posts, Timbers, Ties, etc)
*Thompson Bros, Lumber Co.
*Thompson & Tucker Lumber Co. (Yellow Pine)
*Trinity River Lumber Co.(Yellow Pine Lumber, Cypress Shingles)
*Vaughn Lumber Co.
*Ware Wm. Lumber Co. (L. L. Pine Lumber, Interior Finish, Flooring, Fencing, etc)
Weir R. W. Lumber Co.
*West Lumber Co.
JEFFERSON—*Torrans Mfg. Co. (Yellow Pine)*
KELTYS—*Angelina County Lumber Co.
KINGSVILLE—Kingsville Lumber Co.
LONGVIEW—*Castleberry & Flewellen Planing Mill Co. (Yellow Pine)
LUFKIN—*Lufkin Land & Lumber Co. (Yellow Pine)
MANNING—Carter-Kelley Lumber Co. (Southern Yellow Pine & Cypress)
ORANGE—*Lutcher & Moore Lumber Co. (Calcasien Long Leaf Yellow Pine)
*Miller-Link Lumber Co.
SAN ANTONIO—*Vaughan Lumber Co. (Yellow Pine)
TENAHA—Parker H. C. & Bro. (Saw Mill)
TEXARKANA—*Buchanan Wm. (Yellow Pine)
*Southern Pine Lumber Co. (Yellow Pine)
TRINITY—§Peyton John B.
*Thompson Bros. Lumber Co.
WAUKEGAN—*Keystone Mills Co. (Yellow Pine)
WESTVILLE—*West Lumber Co. (Yellow Pine)

UTAH.

PROVO—*Ward E. J. & Sons Co. (Lumber, Lath, Shingles, etc)

VERMONT.

BARTON LANDING—*Chandler E. L. Co.
*Skinner Lumber Co.
BENSON—Fowler J. M. (Saw Mill)
BETHEL—Weston Ephr. M.
BRATTLEBORO — *Holden & Martin Lumber Co. (Wood Mantels, Stair Finish, Boxes, Interior Finish)
BRISTOL—Lathrop Noah & Son (Saw Mill)
BURLINGTON—*Booth J. R. (Lumber & House Finish)
§Crane W. & D. G. Co. (also Packing Boxes)
Robinson Edwards Lumber Co. (Pine & Hardwoor, Lath, Shingles & Flooring)
*Shepard & Morse Lumber Co. Canadian & Western Pine)
CHELSEA—Goodwin F. E. (Saw Mill)
EAST BARNET—Roy Bros. (Saw Mill)
EAST RANDOLPH—Camp D. J. (Saw Mill)
ESSEX JUNCTION—Brownell S. A. & Co. (Saw Mill)
FAIRLEE—Perkins S. W. (Saw Mill)
GREEN RIVER—Stowe Hy. & Son (Saw Mill)
HARDWICK—Sawyer C. M. (Saw Mill)
HARTFORD—Pease Horace C.
JOHNSON—Parker & Stearns (Saw Mill)
LONDONDERRY—Wait Ch. S. (Saw Mill)
MONTPELIER—Gisborne Co. (Saw Mill)
Richardson Orville H. (Saw Mill)
MORETOWN—*Ward Lumber Co.
NORWICH—Sargent E. P. (Saw Mill)
PEACHAM—Jennison O. M. (Saw Mill)
PERU—*Hapgood J. J. & Co.
RANDOLPH—Marcott O. J. & Son
RIPTON—Huntley W. S. (Saw Mill)
RUTLAND—*Bissell E. W.
Chaffee's F. Sons
SHARON—*Preston A. B. (Shingles & Lbr.)
Sawyer Otis C.
SWANTON—*Webster Geo. & Sons (Basswood)
TOWNSHEND—Willard Chas. H. (Saw Mills)
WAITSFIELD—Moriarty W. H. (Saw Mill)
WASHINGTON—Huntington Chas. W. (Saw Mill)
WEST BRATTLEBORO—Smith Leslie (Planing Mill)
WEST DUMMERSTON—Taft John (Saw & Shingle Mill)
WILLIAMSVILLE—Merrifield A. M. (Saw & Shingle Mill)
WINOOSKI—White Robt. J.
WORCESTER—Ladd C. M. (Saw Mill)

VIRGINIA.

ACHILLES—Rowe E. H. (Saw Mill)
ARRINGDALE—*Camp Mfg. Co., Office, Franklin, Va.
CHARLOTTESVILLE — *Charlottesville Lumber Co.
§King Lumber Co.
CLAREMONT—*Arrington H. J. Co. (Hardwood)
DELAWARE — *Baker-Minter Lumber Co. (Thin Box Material & Cigar Box Lumber)
DWALE—Myers Stave Corp. (White, Chestnut & Red Oak Stairs)
FRANKLIN—*Camp Mfg. Co. (N. C. Pine), Mills: Arringdale, Va.
FLINT HILL—Flint Hill Cooperage & Lbr. Co.
HARTSVILLE—*De Hart I. C. & Co.
LYNCHBURG—§Massie Morrison
*Ward Lumber Co. (Yellow Pine & Hardwood)
MARION—*U. S. Spruce Lumber Co. (Spruce, Hemlock & Hardwoods)
NORFOLK—Baylor C. M. & Co. (Saw & Planing Mills)
§Blake Frank W.
§Briggs G. S. & Co. (Air Dried, Edge Stocks, Box Grades, etc)
Cake Chas. W. (Saw & Planing Mills)
Conwell & Co. (Mine Prop. Timber)
§Crockett Lumber & Pile Co.
*Etheridge J. E. Lumber Co.
*Fosburgh Lumber Co. (Kiln Dried North Carolina Pine, Rough & Dressed)
§Freeman E. B. (N. C. Pine Boards)
*Johnson-Greenleaf Lbr. Co.
Lynnhaven Lumber Co. (Mine Prop. Timber)
§McCullough Frank W. (Large Timber, etc)
§McKann M. & Co.
*Nichols Bros. (Cutters & Shippers of Pine, Oak & Spruce, Piles for Bridges Trestle & Dock Building)
*Richmond Cedar Works
*Roanoke R. R. & Lumber Co. (N. C. Pine)
§Roper John L. Lumber Co. (N. C. Pine, Flooring, Ceiling, etc)
*Rowland Lumber Co.
§Trant John H., Jr., Sanford bldg
§Virginia-Carolina Tie & Wood Co.
Watkins E. A. & Bros. (Saw & Planing Mills)
§Wilson Wood & Lumber Co.
PORTSMOUTH—§Hart Jno. N. Lumber Co. (Saw & Planing Mill)
RICHMOND—*Clark-Rhodes Lumber Co. (Pine, Timber & Hardwoods)
§Elington & Guy (Yellow & N. C. Pine), 611 Times Dispatch bldg
Francis W. R. & Bros. (Saw & Planing Mill) 1422 W Cary
Gulf Red Cedar Co. (Red Cedar)
§Gunn E. G. 2211 E Main
§Gunn W. S. & Co., 1312 W Marshall
*Hare Robinson-Hughes, 15th
Heppert Jos. (Saw & Planing Mill), 906 Catherine
Lea Lumber Co.
*Montague Mfg. Co., (Saw & Planing Mill), 4 S 10th
*Richmond Cedar Works (N. C. Pine, Rough & Dressed, Band Sawed, Poplar, Cypress Gum, etc), Fulton
Richmond Wood Working Co. (Saw & Planing Mill)
Siewers Richard A. (Saw & Planing Mill), 604 W Canal
§Sitterding-Carneal-Davis Co. (Saw & Planing Mill), 1601 W Leigh
§Taliaferro & Co., Mutual bldg
§Winston, Miller & Clack
§Woodward & Son (Yellow & White Pine, Hardwood of All Kinds, etc), 4 S 10th
ROANOKE—*Central Mfg. Co.
*Keys-Walker Lbr. Co.
SUFFOLK—Gay John L.
*Montgomery Lumber Co. (See New York)
TEMPERANCEVILLE—Jones J. H. (Saw Mill)
WEST POINT—Denmead Bros. (Saw Mill)
§Richardson R. E. & Co.
WOODSTOCK—Harris I. H. (Saw Mill)

WASHINGTON.

ABERDEEN—Aberdeen Lumber & Shingle Co. (Lumber & Shingles)
*American Mill Co. (Lumber & Shingles)
*Anderson & Middleton Lumber Co.
*Bay City Lumber Co. (Saw Mill)
*Big Creek Timber Co.
*Coats-Fordney Logging Co. (Logging)
*Donovan Lumber Co. (Saw Mill)
*Federal Mill Co. (Branch of San Francisco)
*Grays Harbor Logging Co. (Logging)
*Grays Harbor Shingle Co.
*Saginaw Timber Co.
*Slade S. E. Lumber Co. (Branch of San Francisco)
*Union Timber Co. (Logging)
§Pacific Lumber Agency
*West A. J. Lumber Co.
*Wilcox Shingle Co.
*Wilson Bros. & Co. (Saw & Planing Mill)
*Wishkah Shingle Co.
ACME—*Miller G. W. Shingle Co. (Red Cedar Shingles)
ADDY—*Dearinger & Brunner (Saw Mill)
ALDER—*Reliance Lumber Co. (Branch of Seattle)
ALOHA—*Aloha Lumber Co.
ALPINE—*Nippon Lumber Co. (Lumber & Shingles)
ANACORTES—Anacortes Lumber & Box Co.
Cavanaugh J. H. & Sons (Shingle Mills)
*Corbett Mill Co. (Shingle Mill)
*McGuire Cedar Lumber Co. (Saw & Shingle Mills)
*Vincent G. E. (Shingles, etc)
ARLINGTON—*Brown-Kunze Co. (Shingle Mill)
*Verd Cedar Co. (Shingles, etc)
*Wisconsin Timber Co. (Shingle Mill & Timber)
ASOTIN—Farrish Arthur Lumber Co.
ATTALIA—*Coulee Lumber Co.
AUBURN—*Wilder J. E. (Lumber)
BALLARD—(See Seattle)
BELLEVILLE—*Butler Lumber Co. (Saw & Shingle Mills)
BELLINGHAM—*Commercial Shingle Co. (Shingle Mill)
*Futurity Investment Co. (Shingle Mill)
*Hazel Mill Co. (Shingle Mill)
*Jerns Nicholas (Shingle Mill) (Shingles)
*Manley & Sons (Shingle Mill)
*Mattson & Anderson (Shingle Mill)
*Miller Bros. Lumber Co.
*Minnesota-Western Lumber Co.
Mogul Logging Co.
*Morrison Mill Co. (Saw & Shingle Mill)
Nestos Timber Co., Ltd.
*Pancoast Shingle Co.
*Silver Beach Shingle Co.
*Whatcom County Shingle Co. (Shingle Mill)
Whatcom Falls Mills Co. (Saw Mill, etc)
*Wood E. K. Lumber Co. (Branch of San Francisco)
BIG LAKE—*Day Lumber Co. (Saw & Shingle Mills
BIRDSVIEW—*Hightower Lumber Co. (Saw Mill)
BLAINE—*Blaine Shingle Co.
Morrison Mill Co. (Saw & Shingle Mill)
BORDEAUX—*Mumby Lumber & Shingle Co.
BOTHELL—Oakville Shingle Co. (Shingles)
BOW—*Cleary Bros. (Shingle Mill)
BREWSTER—*Gamble Lumber Co. (Saw & Planing Mill)
BRYANT—*Stimson Mill Co. (Loggers)
BUCKLEY—*Page Lumber Co. (Lumber & Shingles)
BURNETT—*Knowlton B. E. (Saw Mill)
BYRON—*Crab Creek Lumber Co.
CAMAS—*Peterson Bros. (Saw Mill)
CASHMERE—*Schmitten F. W. & Co. (Saw Mill)

WASHINGTON—continued
CASTLE ROCK—*Peabody & Buland (Shingle Mill)
*Robin T. W. (Shingles)
*Silver Lake Railway & Lumber Co. (Loggers, etc)
CENTRALIA—*Eastern Railway & Lumber Co. (Shingles)
*Lincoln Creek Lumber Co.
Lumber Mfrs. Agency (Fir, Spruce, Cedar Lumber & Shingles, Fir Railroad & Structural Timbers, Car Materials, Yard Stock, Finish, Flooring, Ceiling, Lath & Cedar Shingles)
*Martin H. H. Lumber Co.
CHATTAROY—Sexton J. F. & Co.
CHESAW—*Baker-Nealey Co. (Saw Mill)
Richter Julius (Saw Mills)
CLEAR LAKE—*Clear Lake Lumber Co. Fir Lumber & Upright Swan & Clear Red Cedar Shingles)
CLE ELUM—Miller & Short (Saw Mill)
CLINTON—*Salisbury Bros. (Shingle Mill)
CLIPPER—*Clipper Shingle Co.
COLBY—*Colby Mill Co.
COLFAX—*Potlatch Lumber Co. (Lumber & Planing Mill)
CONCONULLY—*McDaniels Wm (Saw Mill)
CONCRETE—*Baker River Lumber Co. (Shingle Mills)
CONNELL — *Potlatch Lumber Co. (Branch of Potlatch, Idaho)
COSMOPOLIS—*Grays Harbor Commercial Co. (Spruce & Red Cedar Shingles, Fir Tanks, Crossties, Poles, Dressed Lumber for Interior Finish, Ceiling, Siding, Wainscoting, Mill Work, Box Shooks, mixed cars of Lumber & Shingles, etc)
COULEE CITY—*Wright Bros. Lumber Co., Ltd.
COUPEVILLE—*Island Mfg. Co. (Saw & Shingle Mill)
CUSICK—*Phelps M. A. Lumber Co. (Saw Mill)
CUSTER—*Custer Lumber Co. (Shingles)
*Jeffers F. K. (Saw Mill)
DALKENA—*Dalkena Lumber Co.
DARTFORD—*Dart H. W. (Saw Mill)
DEER PARK—*Stevens Lumber Co. (Saw Mill)
DOTY—*Doty Lumber & Shingle Co.
DRYAD—*Luedinghaus Bros. (Saw Mill)
EATONVILLE—*Eatonville Lumber Co. (Saw Mill)
*Eppler Lumber Co. (Branch of Tacoma)
ECHO—*Onstine A. (Saw Mill)
EDMONDS—*A. & C. Mill Co. (Shingle Mill)
*Mowat Lumber Co. (Shingles, etc)
*Union Shingle Co. (Shingles)
*Wasser-Mowat Shingle Co.
*Yost A. M., Est. of (Lumber & Shingles)
ELBE—*Cedar Shingle Co.
*Elbe Lumber & Shingle Co.
Pleasant Valley Shingle Co.
ELLENSBURG—*Kittitas Lumber Co. (Saw Mill)
ELMA—Cloquallum Shingle Co.
Elma Shingle Co.
ENTIAT—*Gray Geo. H. & Son (Saw Mill)
ENUMCLAW—*White River Lumber Co. (Drop Siding, Ceiling, Finish Edge, Grain Fir Flooring)
ETNA—*Harvey Mill Co.
EVERETT—Baker Fred K. Lumber Co. (Red Cedar Lumber, Lath, Shingles & Mouldings)
Blackman C. A. & Co. (Shingles)
*Clark-Nickerson Lumber Co.
*Clough-Hartley Co. (Saw & Shingle Mill)
*Eclipse Mill Co. (Lumber & Shingles)
*Everett Shingle Co. (Shingles)
*Ferry-Baker Lumber Co. (Fir Lumber & Lath, Red Cedar, Beveled Siding, Shingles, etc)
*Hartley Shingle Co. (Saw & Shingle Mill)
*Jamison Mill Co. (Shingle Mill)
*Mukilteo Shingle Co. (Shingle Mill)
*National Pole Co. (Branch of Escanaba, Mich.)
*O'Neal-Gowen Lumber Co.
*Pacific Timber Co. (Fir Timbers, Deep Joist, Flooring, Ceiling, Cedar Siding & Shingles)
*Rucker Bros. (Saw Mill)
*Seaside Shingle Mill
*Shull Lumber & Shingle Co.
*Weyerhaeuser Timber Co. (R. R. Timbers, Car Materials, Flooring, Finish, Ceiling, Siding, Newels, Mouldings, Wagon Bottoms, etc)
EVERSON—*Hemmi-Nygren Mfg. Co. (Shingle Mill)
FERNDALE—Pehrson August (Saw Mill)
FORKS—*Iverson J. B. (Saw Mill)
FORTSON—*Fortson Shingle Co.
*McCaughey Mill Co. (Branch of Seattle)
GETCHELL—*Eggert G. S. (Shingles)
GLOBE—*Globe Lumber Co.
GOLDBAR—*Goldbar Lumber Co. (Saw & Planing Mill)
GOLDENDALE—Klatt W. C. & Sons
GOSHEN—*Fazon & Zimmers (Saw Mill)
*Goshen Lumber Co. (Saw Mill)
GRANITE FALLS—*Chappell Shingle Co. (Shingles)
HARRINGTON—*Harrington Milling Co.
HARTFORD—Rucker Bros, (Branch of Everett)
HAZEL—*Lake Riley Mill Co.
HEISSON—*Ryan-Allen Lumber Co.
HIGH POINT—*High Point Mill Co. (Shingle Mill)
HILLYARD—*Arlington Milling & Lumber Co.
*Hillyard Lumber Co.
HOBART—*Wood & Iverson
HOQUIAM—*Coats Shingle Co.
Corkey Bros. Logging Co. (Loggers)
Davenport-Paine Co. (Loggers)
*East Hoquiam Shingle Co. (Shingle Mill)
*Endresen Spar & Timber Co.
*Eureka Cedar Lumber & Shingle Co.
*Grays Harbor Lumber Co. (Saw Mill)
*Hoquiam Lumber & Shingle Co.
Lamb Frank H. Timber Co. (Loggers)
*Lytle Logging & Mercantile Co. (Logging)
*National Lumber & Mfg. Co. ("Grays Harbor" Fir & Spruce; mixed cars of Lumber, Mouldings, Columns & Lath)
*Northwestern Lumber Co. (Spruce Fir & Cedar Shingles)
*Wood E. K. Lumber Co. (Fir, Spruce & Box Mfrs. (Branch of San Francisco)
INDEX—Index-Galena Lumber Co. (Pacific Coast Woods & Shingles)
IONE—*Panhandle Lumber Co., Ltd. (Branch of Spirit Lake, Idaho)
KALAMA—*Mountain Timber Co. (Branch of Omaha, Neb.)
KELSO—*Coweeman Driving & Rafting Co. (Loggers)
*Kelso Lumber Co. (Saw Mill)
*Moore J. N. (Shingle Mills)
KENT—*Covington Lumber Co.
KERRISTON—*Northwest Lumber Co. (Branch of Seattle)
KETTLE FALLS—*Charlton J. J. (Saw Mill)
KEYSTONE—*Stone Roller T.
KNAPPTON—*Astoria Timber & Lumber Co. (Branch of Astoria, Ore.)
*Knappton Mills & Lumber Co.
KNOWLTON—*Brewster Lumber Co.
LACENTER—*Brothers James W.
LACEY—*Russell Thos. N. (Shingles)
LAKE CITY—*Hillyard Lumber Co.
LAKE STEVENS—*Rucker Bros. (Saw Mill & Shingles)
LAWRENCE—Bridge Shingle Co. (Saw Mill)
LEAVENWORTH—*Lamb-Davis Lumber Co.
LEBAM—Lebam Mill & Timber Co. (Saw Mill)
LITTLE FALLS—*Stillwater Lumber Co.
LOON LAKE—*Holland-Horr Mill Co. (Branch of Spokane)
LUCIA—*Lucia Lumber Co. (Saw Mill)
LYLE—*Shippey O. E. (Saw Mill)
LYMAN—*Skagit Mill Co.
LYNDEN—*Lynden Mill & Light Co. (Shingle Mill)
*Roo & Van Leeuwen Lumber Co.
McCORMICK—*McCormick Lumber Co. (Fir Yard Stocks, Flooring, Ceiling, Dimension, Long Timbers, Cross Arms & Shingles)
MACHIAS—Bartlett Mill Co. (Shingles)
MARKHAM—*Markham Shingle Co.
MILAN—*Spokane Lumber Co.
MONOHAN—*Allen & Nelson Mill Co. (Saw Mill, Lumber Mfrs., Piling, Loggers, Fir & Hemlock)
MONROE—Johnson John (Saw Mill)
*Monroe Mill Co. (Shingles, etc.)
§Wagner & Wilson (Cedar Shingles, Shingles, Fir Flooring, etc)
MONTBORNE—Nelson-Neal Lbr. Co.
MONTESANO—*Bishop E. K. Mill Co.
Clemons Chas. H. (Loggers)
NAPAVINE—Emery & Nelson
NATIONAL—*Pacific National Lumber Co. (Saw Mill)
NORTH YAKIMA—Cascade Lumber Co. (Kiln Dried Western Pine, Lap Siding, Finnish, etc.)
OLYMPIA—*Olympia Door Co. (Shingles, etc.)
ORIN—Winslow Lumber Co.
OSTRANDER—*Ostrander R'y & Timber Co. (Long Timber, Spars & Ties)
PE ELL—*Yeoman Lumber Co.
PILCHUCK—*Parker Bell Lumber Co.
POMEROY—*Potlatch Lumber Co. (Lumber & Planing Mill)
PORT ANGELES—*Eacrett Mill Co. (Shingles)
*Filion Mill & Lumber Co.
Puget Sound Mills & Timber Co. (Fir, Red Cedar, Spruce, Western Hemlock, Cargo Mills & Shingles)
PORT BLAKELEY—*Port Blakeley Mill Co. (Telegraph Arms, Lumber, etc.)
PORT GAMBLE—Pope & Talbot
*Puget Mill Co. (See San Francisco)
PORT LUDLOW—*Puget Mill Co. (See San Francisco)
PRAIRIE—*Hoyt J. M. (Shingles)
PRESTON—Preston Mill Co. (Red Cedar Fir & Spruce Lumber & Red Cedar Shingles)
RAYMOND—*Raymond Lumber Co. (Fir & Spruce)
Siler Mill Co. (Spruce, etc)
*Willapa Lumber Co. (Fir, Spruce, Shingles, etc)
SCOTIA—Graham Chas.
SEATTLE—*Allen & Nelson Mill Co. (Fir)
*Atlas Lumber Co. (Fir, Red Cedar Lumber & Shingles), Atlas bldg
Brace & Hergert Mill Co. (Saw Mills)
*Bryant Lumber & Shingle Mill Co. (Lumber & Shingles)
§Buckeye Lumber Co. (Cedar & Fir), Canal Lumber Co. (Red Cedar Shingles), Interbay Station
*Chinook Lumber & Shingle Co. (Fir & Cedar)
*Commercial Cedar Co., Lumber & Shingles)
*David Lester W. Lumber Co. (Fir, Spruce & Cedar)
*Day Lumber Co.
Dunn Lumber Co. (Fir, Red Cedar Shingles), White bldg
Foster-Morgan Lumber Co. (Fir), Henry bldg
§Hartmann Neubert Lumber Co. (Spruce, Fir & Red Cedar)
*Newell Mill & Lumber Co.
*Northwest Lumber Co. (Shingles, etc.)
*Old Oregon Lumber Co.
Oregon-Washington Lumber & Mfg. Co. (Fir, Spruce, Mont., Idaho Pine), Henry bldg
§Pacific Fir Co. (Timber, Piling, Ties, Red Cedar, Shingles, etc.)
§Pine-Fir Co. (Cedar Shingles)
*Pinkham J. E. Lumber Co.
§Pioneer Lumber Co. (Fir, Spruce, Hemlock, Red Cedar, White Pine)
*Preston Mill Co. (Fir)
Puget Mill Co. (Fir), Mills, Port Gambye, Wash.
*Reliance Lumber Co.
*Roy E. B. Lumber Co. (Fir, Spruce & Red Cedar Lumber & Shingles)
*Schwager & Nettleton (Inc.) (Fir, Cedar, Spruce, Idaho White Pine, Red Cedar Shingles)
*Seattle Cedar Lumber Mfg. Co. (Sliding, Moulding, Columns, Newells & Shingles, etc.)
§Seattle Construction & Dry Dock Co. (Fir, Cedar & Spruce Lumber, Spars & Piles)

*Seattle Lumber Co. (Fir Lumber, Lath & Red Cedar Shingles)
§Shepard-Traill Co. (Red Cedar, Spruce Fir, Cedar Shingles, etc.)
*Sound Lumber Co. (Pacific Coast Lumber & Shingles)
*Stetson & Post Lumber Co. (Saw Mills)
Stevenson Lumber Co.
*Stimson Mill Co. (Lumber, Shingles & Saw Mills)
*Wilson Robert S. (Lumber & Red Cedar Shingles)
Wollenweber O. Co. (Fir, Spruce & Shingles), White bldg
SEDRO WOOLLEY—*Grand Rapids Shingle Co. (Shingles, etc.)
*Shrewsbury H. H.
SHELTON—*Simpson Logging Co.
SILVER BEACH—Mattson & Anderson
SILVER LAKE—*Barnes F. G. (Shingles)
SOUTH BEND—*Columbia Box & Lumber Co.
*Kleeb Lumber Co. (Fir & Spruce Lumber, Fir Flooring, Ceiling, Stepping Fir Yard Shooks)
*South Bend Mills & Timber Co.
*Willapa Logging & Timber Co.
SPOKANE—*Canadian-American Lumber Co. (Pine, Fir & Spruce)
§Dean Lumber & Fuel Co. (Saw Mill)
§Holland-Horr Mill Co.
*McGoldrick Lumber Co. (Western Soft Pine, Idaho White Pine Lumber & Lath)
*Musser Wm. Lumber & Mfg Co. (Western White Pine Siding, Finish, Factory Plank, Mouldings & Box Shooks)
§Pine-Fir Co. (Cedar Shingles)
Sexton J. F. & Co.
*Spokane Lumber Co.
STANWOOD — *Stanwood Lumber Co. (Shingles, etc)
STARTUP—*Wallace Lumber & Mfg. Co.
TACOMA—*Big Creek Shingle Co. (Shingles, etc)
*Bismarck Mill Co.
*Danaher Lumber Co.
*Defiance Lumber Co.
*Dempsey Lumber Co. (Timber & Shingles)
*Far West Lumber Co.
*Foster Lumber Co. (Fir Lumber)
*Hague Box & Lumber Co.
*Howell-Hill Mill Co. (Shingles, etc)
*Lindstrom-Handforth Lumber Co.
McPhee & McGinnity Co.
*Manley-Moore Lumber Co.
*Mineral Lake Lumber Co. (Shingles, etc.)
*Nebraska Bridge Supply & Lumber Co.
Northern Coast Timber Co. (Red Cedar Posts & Piling)
*Pacific National Lumber Co. (Shingles, etc)
*Pacific Shingle Co. (Shingles, etc)
*Pacific States Lumber Co.
*Puget Sound Lumber Co.
*St. Paul & Tacoma Lumber Co. (Lumber, Ship & Bridge Timbers, Shingles, Lath, Spars, Piling, etc)
*Savage Bros.
*Scott & Howe.
*Smith M. R. Shingle Co. (Shingles, etc)
*Tacoma Fir Door Co.
*Tacoma Mill Co. (Douglas Fir, Oregon Pine, Plank Timbers, Ship Plank, Flooring, Rustic Ceiling, Lath, Pickets, Staves, Spars, Piling, Shingles, etc)
*Washington Mfg. Co.
§West Coast Shingle Co. (Shingles, etc)
*Wheeler-Osgood Co. (Cedar & Fir Sash, Doors, etc)
*Wheeler-Reese Lumber Co.
TOLEDO—Badger & Badger.
VALLEY—*Kulzer Jno. G.
VANCOUVER—Du Bois Lumber Co.
WALLA WALLA—*Whitehouse-Crawford Co.
WALVILLE—*Walville Lumber Co.
WENATCHEE—*Wenatchee Lumber Co.
WICKERSHAM — *Wickersham Shingle Co.
WINLOCK — * O'Connell Lumber Co. (Wash'n Fir & Poles & Piling up to 100 ft. in length)
*Veness J. A. Lumber Co. (Saw Mill)

WEST VIRGINIA.

ASBURY—*Alderson S. I. (Lumber)
BERKELEY SPRINGS—Crosfield Wm. (Saw Mill)
BLUEFIELD—*Georgia Lumber Co. (Saw & Planing Mill)
Saxon Lime & Lumber Co.
BUCKHANNON — *Alton Lumber Co. (Hardwood)
*Stockert G. F. & Son
CAMDEN ON GAULEY—*Cherry River Boom & Lumber Co. (Hardwood)
CHARLESTON—*Charleston Lumber Co. (Saw & Planing Mill)
*Courtney Co. (Poplar & Oak Lumber, R. R. Ties, Bill Stuff Light Cooperage Stock)
*West Virginia Timber Co.
Yellow Pine Lumber Co.
DENMAR—Maryland Lumber Co.
ELKINS—Elkins Pail & Lumber Co.
Wildell Lumber Co.
GLEN JEAN—Hogg Lumber Co.
HAMBLETON—*Otter Creek Boom & Lumber Co. (Hemlock)
HUNTINGTON—Callaway C. M. Lumber Co.
Ritter C. L. Lbr. Co.
JENNINGSTON—*Laurel River Lumber Co. (Spruce, Hemlock & Hardwoods)
LOCK SEVEN—*Mohler Lumber Co. (Poplar, Oak, Walnut & Ash)
MILL CREEK—*Tygarts River Lumber Co. (Spruce, Hemlock & Hardwoods)
MORGANTOWN—Athens Lumber Co.
Rightmire, B. W.
NICOLETTE—*Nicolette Lumber Co.
PARKERSBURG—Citizens' Lumber Co.
*Everglade Cypress Lumber Co.
*Jackson J. M., Lumber Co.
Parkersburg Mill Co.
Withers & Van Devender
RICHWOOD—Cherry River Boom & Lumber Co.
ST. ALBANS—American Column & Lumber Co. (Yellow Pine, Poplar & Hardwoods)
*Bowman Lumber Co.
WHEELING—§Wilson W. A. & Sons, 1409 Main
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WINTERBURN—Craig Geo. & Sons. (See Phila., Pa.

WISCONSIN.

APPLETON—*Fountain J. Lumber Co. (Saw & Shingle Mill)
§Jones G. W. Lumber Co. (Hardwood)
ASHLAND—*Schroeder John Lumber Co.
§Scott-Taylor Co.
ATHENS—*Braun Bros. & Co. (Lumber & Staves)
*Rietbrock Land & Lumber Co.
ATLANTA—Arpin Hardwood Lumber Co. (Northern Pine, Hemlock, Hardwoods & Cottonwood)
BAILEYS HARBOR — *Prueter Louis Shingles)
BARABOO—Stewart & Alexander Lbr. Co.
BAYFIELD—Wachsmuth Lumber Co.
BELOIT—*Beloit Lumber Co.
BERLIN—Allen Lumber Co.
*Wilbur Lumber Co.
BIRNAMWOOD—Andrews B. B. (Saw Mill)
BLANCHARDVILLE — Blanchardville Lbr. Co.
BRILLION—Brillion Lumber Co.
BRUCE—*Beldenville Lumber Co. (Hardwood & Veneer)
CABLE—Rogan Bros. (Saw Mill)
CARTER—*Miner Bros.
CEDERBURG—*Hilgen Mfg. Co. (Builders' Mill Work)
CHILTON—*Dorschel, Kroehnke, Lbr. Co.
COLEMAN—*Bolles E. E. & Co.
CRANDON—Carpenter Bros. (Saw Mill)
§Keith & Hiles Lumber Co.
CUMBERLAND—*Beaver Dam Lumber Co.
DANCY—Altenberg George H. Lumber Co., (Saw Mill)
DRUMMOND—*Rust-Owen Lumber Co. (Cork, White Pine, Pattern, Box Materials, Beveled Siding & Factory Stock)
DUNBAR—*Girard Lumber Co. (Lumber, Lath, Shingles, Piling, Posts, Ties, etc.
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*Northwestern Lumber Co. (White Pine & Basswood)
EDGERTON—§Heddles Lumber Co.
ELKHORN—*Elkhorn Lumber Co.
ELLSWORTH—Hines Frank, Jr., (Saw Mill)
ELMHURST—*Wunderlich George H.
FAIRCHILD—*Foster N. C. Lumber Co.
FOND DU LAC—*Moore & Galloway Lumber Co.
FORT ATKINSON — *Zeugner - Hoffman Lumber Co.
GOODMAN—Goodman Lumber Co. (Pine, Hemlock, Hardwood, etc)
GRAND RAPIDS—*Arpin Hardwood Lbr. Co. (Plain & Red Birch, Pine & Hemlock, Basswood, Siding, Ceiling & Hardwood Flooring)
*Badger Box & Lumber Co. (Resawed Lumber)
§Arpin John Lumber Co.
§Kellogg Bros. Lumber Co.
*Pigeon River Lumber Co.
GREEN BAY—*Cleerman Land & Lumber Co.
*Diamond Lumber Co.
*Northland Lumber Co. (Hard & Soft Lumber, Hemlock Lumber, Lath, Shingles & Posts)
Valentine-Clark Co. (Cedar Posts, etc)
*White Lake Lumber Co.
GRESHAM—Morgan O. E. (Saw Mill)
HARTFORD—*Denison & Coerper
HAWKINS—*Ellingson Lumber Co.
HORTONVILLE—Diestler Co. (Saw & Planing Mill)
HUDSON—*Central Lumber Co.
INDEPENDENCE — *Sprecher Lumber Co.
IOLA—Wipf J. & Co.
JANESVILLE—*Thoroughgood & Co. (Cigar Box Lumber)
KEWAUNEE—*Duvall Co.
KIEL—*Luan J. B.
KIMBALL—*Kimball-Clark Co. (Hemlock & Hardwood Lumber, White Cedar Shingles, Basswood & Hemlock Lath)
LAC DE FLAMBEAU—*Flambeau Lumber Co.
LA CROSSE—§Colman C. L. Lumber Co. (Lumber, Shingles & Saw Mills)
*Segelke & Kohlhaus Mfg. Co. (Sash, Doors & Mill Work)
LAFARGE—*Lafarge Lumber Co.
LOYAL—Christman B. (Saw Mill)
Graves A. A. (Saw Mill)
McMILLAN—*McMillan B. F. & Bro. (Hemlock, Pine & Hardwood)
MADISON—*Brittingham & Hixon Lumber Co.
Heddles Lbr. Co.
MARINETTE—*Brown-Mitchison Co.
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MARSHFIELD—Connor R. Co.
Krause & Stone (Hardwood & Cottonwood)
MATTOON—*White Star Lumber Co. (Hemlock & Cedar), Office: Chicago, Ill.
MELLEN—*Foster-Latimer Lumber Co. (Saw & Planing Mill)
*Mellen Lumber Co.
MERRILL—*Anson, Gilkey & Hurd Co. (Lumber, Lath, Shingles & Box Shooks)
MILWAUKEE—§Bergland G. A., Matthews bldg
Devere & Schloegel Lumber Co., 606 Park
Forster Lumber Co., Nat'l Bk. bldg
Forster Lumber Co., Majestic bldg
Hilty M. Lumber Co., ft 12th
§Johnson Lumber Co. (White Pine, Pattern, Templet & Flask Stock)
§Landeck Lumber Co. (Hardwoods, Basswood, etc), First National Bank bldg
*Rietbrock Land & Lbr. Co., 700 Cedar
*Schroeder John Lumber Co., ft of Walnut
§Steinman Lumber Co. (Lumber, Lath & Shingles), 385 35th

WISCONSIN—Milwaukee—continued
§Tegge Lumber Co., (Hardwood), 700 Park.
§Tibbits-Cameron Lumber Co.
*Wilbur Lumber Co., Pabst bldg
MORRIS—Buckstaff-Sprague Lumber Co.
MOSINEE—Mosinee Land, Log & Timber Co. (Saw Mill, Loggers, etc)
NEW GLARUS—*New Glarus Lumber Co.
NEW LONDON—*Hatten Lumber Co. (Hardwood)
NORWALK—Walz Geo. A. (Saw Mill)
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*Oconto Lumber Co. (Hemlock)
ODANAH—*Stearns J. S. Lumber Co. (White Pine)
OSHKOSH—*Campbell W. J. Lumber Co., Ltd. (Saw Mill)
Fuller-Goodman Co.
*Gould Mfg. Co. (Wholesale Mfrs. of Mill Works)
*Hemlock Manufacturers ("Old Faithful")
*Hollister Amos & Co. (Saw Mills)
*Kimball Clark Co.
*McMillen R. Co. (Wholesale Mfrs. of Mill Work)
*Morgan Co. (White Pine, Idaho Pine, Basswood, Ash, Elm, Maple, Oak, Hemlock, etc, Shingles, White & Red Cedar & Pine) z
*Morgan Lumber & Cedar Co. (White Pine, Idaho Pine, Ash, Basswood, Elm, Maple, Oak, Hemlock, etc, Shingles, White & Red Cedar & Pine)
Northern Hemlock & Hardwood Mfgs. Assn. (Hardwood & Hemlock)
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*Radford Bros. & Co. (Saw Mill & Wholesale Mfrs. of Mill Work)
§Wagstaff W. J.
*Wall-Spalding Lumber Co. (Wisconsin Hardwoods, Basswood, Hemlock & Cedar Shingles, etc)
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OWEN—*Owen John S. Lumber Co. (Pine & Hardwood)
PELLA—*Grosskopf Fred. A (Saw Mill)
PESHTIGO—*Constine Carl & Son (Lumber & Cedar)
*Peshtigo Lumber Co. (Saw Mill)
PHILLIPS — Kneeland-McClurg Lumber Co. (Hemlock, Hardwood & Cottonwood)
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*Danielson & Pierce (Birch & Basswood)
*Mason-Donaldson Lumber Co. (Hemlock & Hardwoods)
O'Melia J. H. Lumber Co. (Northern Pine, Spruce, Hemlock, Hardwoods & Shingles)
§Pierce A. S. (White Pine)
*Robbins Lumber Co. (Pine, Lumber, Lath & Shingles)
Stevens Lumber Co. (Saw Mill)
RIB FALLS—*Baeseman G. H. Mfg. Co.
RIB LAKE—Rib Lake Lumber Co.
RICE LAKE — *Rice Lake Lumber Co. (Lumber Mfrs., Pine, Hemlock & Hardwood, Crating & Box Lumber)
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*Tigerton Lumber Co. (Pine, Hemlock & Hardwood Lumber)
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TOMAHAWK—*Bradley Co. (Lumber, Lath)
TONY—Hein John Co. (Saw Mill)
WASHBURN — * Kenfield-Lamoreaux Co. (Crating Lbr.)
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§Goodwillie Bros. (Resawed Lumber)
*Hale Mylrea Co.
*Marathan Lbr. Co. (Yellow Pine)
*Mortenson Jacob Lumber Co. (White & Norway)
*Stewart Alex. Lumber Co. (Lumber, Lath & Shingles)
*Thompson & Fleith Lumber Co.
*Wausau Box & Lumber Co. (Lumber & Box Shooks)
Wausau Southern Lbr. Co. (Southern Yellow Pine, Cypress)
*Wisconsin Box Co. (Pine & Basswood Lbr. & Box Shooks)
*Wisconsin & Arkansas Lumber Co.
*Yawkey Lumber Co.
WESTBORO—*Westboro Lumber Co.
WINNECONNE — *Winneconne Lumber Co.

WYOMING.

EVANSTON—§Atkinson Lumber & Real Estate Co. (Saw Mill & Lumber)

7654—Lumber Mfrs. & Wholesalers (Gum)

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Askins & Dircks Lumber Co., Union City, Tenn.
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Bennett & Witte, 222 W 4th, Cincinnati, O.
Bonner J. H. & Sons (Red), Heth, Ark.
Brown Geo. C. & Co. (Red), Memphis, Tenn.
Buffalo Hardwood Lumber Co., 940 Seneca, Buffalo, N. Y.
Carrier Lumber & Mfg. Co. (Red Gum, etc.), Sardis, Miss.
Cincinnati Cigar Box Co. (Gum Lumber Veneered), 2nd & John, Cincinnati, O.
Cleveland Lumber & Mfg. Co., Cleveland, Tenn.
Crenshaw-Gary Lumber Co. (Red), Memphis, Tenn.
Cypress Lumber Co., 88 Broad, Boston, Mass.
Darling J. W. Lumber Co., 2nd Natl. B'k bldg., Cincinnati, O.
Dickson J. W. Co., Memphis, Tenn.
Elias G. & Bro., 965 Elk, Buffalo, N. Y.
Farrin M. B. Lumber Co., Station av & Winton pl, Cincinnati, O.
Faust Bros. Lumber Co. (Red), Jackson, Miss.
Frost-Johnson Lumber Co., Huttig, Ark.
Himmelberger-Harrison Lumber Co. (Red Gum), Morehouse, Mo.
Jones G. W. Lumber Co., Appleton, Wis.
Kraetzer-Cured Lumber Co., Moorhead, Miss.
McLean Hugh Lumber Co., Buffalo, N. Y.
Lamb-Fish Lumber Co., Charleston, Miss.
Miller Lumber Co., 893 Eagle, Buffalo, N. Y.
National Cooperage & Woodenware Co., Peoria, Ill.
Nock W S. (Lumber & Mfrs. Barrels, Black Gum), Hallwood, Va.
O'Reilly Lumber Co., Main & Chambers, St. Louis, Mo.
Paepcke-Leicht Lumber Co., 111 W Washington, Chicago, Ill.
Richmond Cedar Works, Fulton, Richmond, Va.
Roper John L. Lumber Co., Norfolk, Va.
Sanders J. S. & Co., (Green Gum), Islandton, S. C.
Santee River Cypress Lbr. Co., Ferguson, S. C.
Scatcherd & Son, Ellicott sq., Buffalo, N. Y.
Smith-Carothers Lumber Co., Memphis, Tenn.
Standard Hardwood Lumber Co., Buffalo, N. Y.
Stewart I. N., Peoples Bank bldg, Buffalo, N. Y.

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BELLEVUE COURT BUILDING, PHILADELPHIA, PA.

"THE PATTERN LUMBER SPECIALISTS"

If you wish satisfactory Pattern lumber we have it in original growth, water cured, bone dry Michigan soft cork White Pine, selected Pattern stock. Try us out! We also carry a large stock of thoroughly dry genuine California Sugar Pine.

Our White Pine and Basswood Templet stock cannot be beaten for quality and price.

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Three States Lumber Co., Memphis, Tenn.
Werner Louis Saw Mill Co., Fullerton bldg, St. Louis, Mo.
Wheeler J. W. & Co. (Red), Memphis, Tenn.
Wiborg & Hanna Co., Cleveland, O.
Yeager Lumber Co., 932 Elk, Buffalo, N. Y.

7655— Lumber (Mahogany)

Palmer & Parker Co., 103 Medford, Boston, Mass.
Thompson Lewis & Co. (Lumber & Veneers), N American bldg, Phila., Pa.

7656—Lumber (Pattern & Flask Stock)

AMERICAN LUMBER & MFG. CO. (Soft Cork White Pine), Peoples Bank bldg, Pittsburgh, Pa.
Bosken Lumber Co. (White Pine), Evans & Erie, Cincinnati, O.
COALE THOMAS E. LUMBER CO. (Bone Dry Old Growth Michigan Soft Cork White Pine for Immediate Shipment, Water Cured Stock, also genuine Cal. Sugar Pine), Bellevue Court bldg., Pa. *See adv index at end of book*
Fisher & Wilson Co. (Mich. Cork White Plain), Rockefeller bldg, Cleveland, O.
Foss E. B. (Dry Cork White Pine), Bay City, Mich.
Johnson Lumber Co., Milwaukee, Wis.
Lansing Lumber Co., 824 N Main, Providence, R. I.
Large Bros. Lumber Co. (White Pine Pattern), N Tonowanda, N. Y.
Martin-Barriss Co., 2048 W 3rd, Cleveland, O.
Thompson Lewis & Co. (Mahogany & Veneers), N American bldg, Phila., Pa.
West Virginia Lumber Co. (Soft Cork White Pine), Conestoga bldg, Pittsburgh, Pa.
White Charles H. & Sons Co., (White Pine & California Red Wood), 18th & Indiana, Phila., Pa.

7657—Lumber (Southern Hardwood)

AMERICAN LUMBER & MFG. CO., People Bank bldg, Pittsburgh, Pa.
Farrin M. B. Lumber Co. ("Century" Oak Flooring, Poplar Siding, etc), Station av, Winton pl, Cincinnati, O.
Wood-Mosaic Co., New Albany, Ind.

7657a— Lumber (Spruce)

Acme Lumber & Spruce Co., 20 W Jackson blvd, Chicago, Ill.
Anderson Lumber Corp., Marion, S. C.
Augusta Lumber Co., Augusta, Me.
Babcock Lumber Co., Pittsburgh, Pa.
Barker & Co., 53 State, Boston, Mass.
Bonners Ferry Lumber Co., Bonners Ferry, Idaho
Becker C. L. & D. J. Co., 290 B'way, New York
Berlin Mills Co., Portland, Me.
Canadian-American Lumber Co., Spokane, Wash.
Carpenter W. I. Lumber Co., 504 Lumber Ck, Minneapolis, Minn.
Cherry River Boom & Lumber Co., Land Title bldg, Phila., Pa.
Chinook Lumber & Shingle Co., White bldg, Seattle, Wash.
Connecticut Valley Lumber Co., 147 Milk, Boston, Mass.
Craig Geo. & Sons, Morris bldg, Phila., Pa.
Currier R. B. Co., Springfield, Mass.
David Lester W. Lumber Co., Seattle, Wash.
Dempsey Lumber Co., Johnstown, Pa.
Dutton A. C. Lumber Co., Springfield, Mass.
Embporium Lumber Co., Utica, N. Y.
Grays Harbor Commercial Co., Cosmopolis, Wash.
Hardentine Lumber Co., Camden, N. J.
Hartmann Neubert Lumber Co., Seattle, Wash.
Kay Lumber Co., Franklin Bank bldg, Phila., Pa.
Keith Lumber Co., 2350 Laflin, Chicago, Ill.
Kent J. S. Lumber Co., Harrison bldg, Phila., Pa.
Kleeb Lumber Co., South Bend, Wash.
Maloney J. A. & Co., 16 Beaver, New York
McKee W. I. Lumber Co., Quincy, Ill.
Lampson Lumber Co., New Haven, Conn.
Leidel Lumber Co., St. Louis, Mo.
Lukens Lumber Co., 9th & Girard, Phila., Pa.
Lumber Mfrs. Agency, Centralia, Wash.
National Lumber & Mfg. Co., Hoquiam, Wash.
Oregon-Washington Lumber & Mfg. Co., Henry bldg, Seattle, Wash.
Pacific Export Lumber Co., Chamber of Commerce bldg, Portland, Ore.
Parkers L. B., Parkers, N. Y.
Pinkham Lumber Co., Seattle, Wash.
Pioneer Lumber Co., Seattle, Wash.
Pocahontas Lumber Co., Brookville, Pa.
Preston Mill Co., Preston, Wash.
Provincial Lumber Co., 16 Exchange pl, New York
Puget Sound Mills & Timber Co., Post Angeles, Wash.
Richardson A. H. Lumber Co., 176 Federal, Boston, Mass.
Roy E. B. Lumber Co., Seattle, Wash.
Seattle Construction & Dry Dock Co., Seattle, Wash.
Schofield Bros., Penna bldg, Phila., Pa.
Shepard-Trial Co., Seattle, Wash.
Sherman A. Lumber Co., Central Terminal, New York
Sierra Nevada Wood & Lumber Co., San Francisco, Cal.
Siver M. L. & Co., Sidney, N. Y.
Slade S. E. Lumber Co., 112 Market, San Francisco, Cal.
Stack Lumber Co., Masonville, Mich.
St. Croix Paper Co., 244 Washington, Boston, Mass.
Stone & Hershey, 31 Clinton, Newark, N. J.
Talley's Thos. J. Sons, Land Title bldg, Phila., Pa.
Thomson L. & Co., Albany, N. Y.
Transfer Lumber & Shingle Co., N Tonawanda, N. Y.
Tygarts River Lumber Co., Mill Creek, W. Va.
U. S. Spruce & Lumber Co., Marion, Va.
Waite H. B. Lumber Co., Security bldg, Minneapolis, Minn.
White, Richard P., Albany, N. Y.
Whitmer Wm. & Sons, Inc., Finance bldg, Phila., Pa.
Wollenweber O. Co., White bldg, Seattle, Wash.
Wood E. K. Lumber Co., 112 Market, San Francisco, Cal.
Yellow Pine Co., 16 Beaver, New York

7658— Lumber (Templet)

AMERICAN LUMBER & MFG. CO., Peoples Bank bldg, Pittsburgh, Pa.
COALE THOMAS E. LUMBER CO. (White Pine & Basswood Bone Dry Templet Stock Always on Hand) Bellevue Court bldg, Phila., Pa. *See adv index at end of book*
Foss E. B., Bay City, Mich.
Johnson Lumber Co., Milwaukee, Wis.

7659— Luncheonettes

Bishop-Babcock-Becker Co. Cleveland, O.
Chicago Flag & Decorating Co., 1345 S. Wabash av, Chicago

7660— Lycopodium

Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Lyon-Julian W. (Imp.), 101 Beekman, New York
McKesson & Robbins (Imp.), 91 Fulton, New York
Nat'l Aniline & Chemical Co., Inc., 21 Burling slip, New York
Wiarda John C. & Co. (Imp.), 273 Greene, Brooklyn, N. Y.

7661— Lye

American Chemical Co., 640 Carr, Cincinnati, O.
Babbitt B. T. (Inc.), (Pure Concentrated), 11 B'way, New York
Brookman Mfg. Co., 664 N Wells, Chicago, Ill.
Champion Chemical Works, 19 W Austin, Chicago, Ill.
Eagle Lye Works, 28 Erie, Milwaukee, Wis.
Hall E. N., 396 B'way, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Mechling Bros. Mfg. Co. (Borax), Camden, N. J.
Mendleson A. Sons, Albany, N. Y.
Myers E. Lye Co., 3d & Clark, St. Louis, Mo.
Penn Chemical Works ("Banner," Powdered & Crushed), 1332 Washington av, Phila., Pa.
Penna. Salt Mfg. Co., Widener bldg, Phila., Pa.
Philadelphia Lye & Chemical Co., 1811 Fitzwater, Phila., Pa.
Schield Wm. Mfg. Co., 619 N 2d, St. Louis, Mo.
Tomson P. C. & Co., 29 Washington, Phila, Pa.

LYE—continued
Wiarda John C. & Co. (Caustic Lye), 273 Greene, Brooklyn, N. Y

7661a—*Lytho-Zinc Reproductions

NEW YORK BLUE PRINT PAPER CO., 102 Reade, New York

7662— Macadam Plants

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*

Macadam Roads

See Contractors, Building & General

7663— Machetes

Disston Henry & Sons, Tacony, Phila., Pa.
§Webster Lbr. Co., Lumber Exchange, Minneapolis, Minn.

7663a— Machine Builders

Central Machine Works, 12th & Tyler, St. Louis, Mo. *See adv index at end of book*

7664—*Machine Milling Work

FOOTE BROS. GEAR & MACHINE CO., 210 N Carpenter, Chicago, Ill.
See adv index at end of book
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
KNAPP ARTHUR ENGINEERING CORP., 30 Church, New York
See adv index at end of book

7665—*Machine Parts (Finished)

DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book
Meyer W. F. Diamond Saw Co. (Automatic), Bedford, Ind.
Snead & Co., Iron Works, 98 Pine, Jersey City, N. J. *See adv index at end of book*

7666—*Machine Parts (Hardened & Ground)

DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book
Snead & Co., Iron Works, 98 Pine, Jersey City, N. J. *See adv index at end of book*

Machine Screw Work

See Screw Machine Products

Machine Shop Furniture

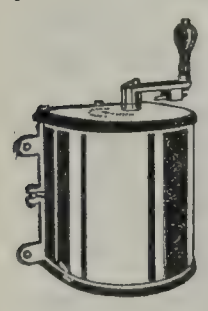
See Steel Factory Equipments

7666a—*Machine Tool Attachments

Newman Mfg. Co. (for Engine Lathes, Drill Presses, etc), 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill. *See adv index at end of book*

7667— Machine Tools

For Manufacturers of Machine Tools see the specific article; for Dealers, see Machinists' Tools & Supplies; also Machinery Dealers.
Acme Tool & Die Co., Syracuse, N. Y.
Ainslie Mach. & Tool Wks., New Park & Jefferson avs, Hartford, Conn.
COLONIAL SUPPLY CO., 217 Water, Pittsburgh, Pa.
See adv index at end of book



Electric Controllers and Starting Rheostats for all classes of motor driven machine tools. Automatic types also.

The Cutler-Hammer Mfg. Co.,

12th St. & St. Paul Ave. Milwaukee, Wis.

Columbia Machine Tool Co., Hamilton, O.
Fairbanks Mach. Tool Co. (Tool Holders, Lathes), Springfield, O.
Hisey-Wolf Mach. Co., Colerain & Marshall,, Camp Washington, Cincinnati, O.
Lees-Bradner Co., 6210 Carnegie av, S E Cleveland, O.
Morris Mach. Tool Co., Court & Harriet, Cincinnati, O.

7668—Machine Work (Automatic)

Cassady-Fairbank Mfg. Co., 6126 La Salle, Chicago, Ill.

7669—*Machine Work (For Automobiles)

DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book

7670—*Machine Work (General Contract)

KNAPP ARTHUR ENGINEERING CORP., 30 Church, New York
See adv index at end of book
McCULLOCH A. P. MACHINE CO., 216 High, Boston, Mass.
See adv index at end of book

CONTRACTING MACHINISTS

Machine Designing and Contracting, Dies, Jig and Fixtures. Special Ball and Roller Bearings

A. P. McCulloch Machine Co.

216 HIGH ST. BOSTON, MASS.

Snead & Co., Iron Works, 98 Pine, Jersey City, N. J. *See adv index at end of book*
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Up-To-Date Tool Co., 60 K. So. Boston, Mass. *See adv index at end of book*
VOGT BROS. MFG. CO., Louisville, Ky. *See adv index at end of book*

Machinery

For Dealers in Machinery, see Machinery Dealers; also Machinists' Tools & Supplies.
Note.—For various kinds of Machinery Manufacturers see sub-classifications of this head following in their regular alphabetical order. See also Drills of various kinds; Lathes of various kinds; also Planers, various kinds; also Sugar Machinery; also Textile Machinery,, etc.; also Compressors, Air; also Blowers; also Conveyors; also Cranes; also Dynamos & Motors; also Elevators; also Engines; also Locomotives; also Presses of various kinds; also Pumps; also Road Rollers of various kinds. For page numbers, see Index of Contents.
See also Machinists & Founders

Abattoir Machinery

See Packing House Machinery; also Slaughter House Machinery

7671— Abrading Machines

Clark & Mills Electric Co. (For Testing Road Making Materials), Cambridge, Mass.
International Instrument Co., 23 Church, Cambridge, Mass.

7672—Abrasive Metal Cutting Machines

Greenfield Tap & Die Corp'n. ("Nutter & Barnes"), Greenfield, Mass.
See adv index at end of book
Peter Bros. Mfg. Co., Algonquin, Ill.
Slack Mfg. Co., Springfield, Vt.

7673—Acid Cleaning Machines

Torrington Mfg. Co., Torrington, Conn.

7674— Adding Machines

See also Calculating Machines; also Typewriters, Adding & Billing
Adder Machine Co. ("Wales" Visible Listing & Adding), Wilkes-Barre, Pa.
American Adding Machine Co., Mills bldg, San Francisco, Cal.
AMERICAN CAN CO. ("American" Non-Listing), 120 Broadway, New York
See adv index at end of book
Arithstyle Co., 35 W 39th, New York
Austin Adding Mach. Co., Balto., Md.
Automatic Adding Machine Co. ("Gem" Automatic), 148 Duane, New York
Automatic Bookkeeping Register Co., S cor 18th & Wyandote, Kansas City, Mo.
Barrett Adding Machine Co. (Portable), Bulletin bldg, Phila., Pa.
Brandt Cashier Co., 1018 S Wabash av, Chicago, Ill.
Burroughs Adding Machine Co., Detroit, Mich.
Cash Mercantile Co., 326 Market, San Francisco, Cal.
Cluley Multiplier Co., Green Bay, Wis.
Commonwealth Adding Mach. Co., Muskegon, Mich.
Comptograph Co., 14 S La Salle, Chicago, Ill.
Dalton Adding Machine Co. ("Dalton"), Norwood, Cincinnati, Ohio
Denominator Adding Mach. Co., 224 Shepherd av, Bklyn, N. Y.
Duco Adding Mach. Co., St. Louis, Mo.
Elliott-Fisher Co., Monadnock bldg, San Francisco, Cal.
Ellis Adding Typewriter, 338 Elizabeth av, Newark, N. J.
Ensign Mfg. Co. (Electric), 19 Brook, Fanueili, Boston, Mass.
Federal Adding Machine Corp. ("Federal"), York & Grove, New Haven, Conn.
Felt & Tarrant Mfg. Co., (Comptometers, Adding, Billing), 1717 N Paulina, Chicago, Ill.
Gancher T. A. (Desk), 148 Duane, New York
Grand Rapids Brass Co., Grand Rapids, Mich.
Greist Mfg. Co., New Haven, Conn.
Hainer Bookkeeping Machine Co. ("Providence") 45 Willard av, Providence, R. I.
International Money Machine Co., Terre Haute, Ind.
MARCHANT CALCULATING MACHINE CO., Oakland, Cal.
Mechanical Accountant Co., 17 Warren, Providence, R. I.
Monroe Calculating Machine Co., So. Orange, N. J.
Montague Mailing Mach. Co., Chattanooga, Tenn.
Morschhauser, W. A. ("Millionaire), 1 Madison av, New York
Morse Adding Machine Co., 18 N Ada, Chicago, Ill.
Muller Oscar Co. ("Tim," "Unitas," Imp), 32 Broadway, New York
Reuter Carl H. ("Brunsviga" & "Burkhard"), Land Title bldg, Phila, Pa.
Shonk Chas. W. Co., Maywood, Ill.
Standard Adding Machine Co., Forest Park bldg & Spring av, St. Louis, Mo.
Sunstrand Adding Machine Co., Rockford, Ill.
Tabulating Machine Co., 50 Broad, New York
Teetors Adding Mach. Co., Des Moines, Ia.
Triumph Adding Machine Co., 78 Smith, Brooklyn, N. Y.
U. S. Adding Machine Co., 101 Park av, New York.
Wahl Adding Machine Co., 232 E Ohio, Chicago, Ill.
Wales Adder Mach. Co., Wilkes-Barre, Pa.

7675—Addressing & Mailing Machines

Addressing Machine Co. (Machines for Addressing Tags), Buffalo, N. Y.
Addressograph Co., 901 W Van Buren, Chicago, Ill.
Belknap Addressing Mach. Co., 46 W 23d, New York
Challenge Machinery Co., Grand Haven, Mich.
Elliott Addressing Machine Co. (Addressing), 539 Market, San Francisco, Cal.
Elliott Co., 143 Albany, Cambridge, Mass.

Evans Devices Corp. Addressing Machines, 745 Main, Buffalo, N. Y.
New Writerpress Co., Shelton, Conn.
Pollard-Alling Mfg Co., 312 E 23d, New York
Rapid Addressing Machine Co., 46 W 23d, New York.
Stickney & Montague ("Montague" Ribbon Print), Chattanooga, Tenn.
Wallace Addressing Machine Co., 116 W 14th, New York.

AEROPLANE BUILDING MACHINES
See Woodworking Aeroplane Building Machines

7676— Air Drying Machinery
Waldron Jno. Co., New Brunswick, N. J.

7676a—Airplane Machy. & Equipment
Dalton Machine Co., 1911 Park av, New York
Defiance Machine Wks., Defiance, O.
Fox Machine Co., Jackson, Mich.
Grand Rapids Veneer Wks., Grand Rapids, Mich.
Lansing Stamping & Tool Co., Lansing, Mich.
Mattison C. Machine Wks., Beloit, Wis.
Pryibil Machine Co., 520 W 41st, New York

7677— Alfalfa Machinery
Howes S. Co. (Packers & Dust Collectors), Silver Creek, N. Y.
Huntley Mfg Co. ("Monitor" Packers & Dust Collectors, Silver Creek, N. Y.

7678—Aluminum Rolling Mill Machinery
Farrel Foundry & Machine Co., Ansonia, Conn.
Garrison A. Foundry Co., 901 Bingham Pittsburgh, Pa.

7679—Amatite Paper Machines
Haberkamp, Wm. Machine Works, 442 Wells, Chicago, Ill.

7680—Angle Iron Cutting Machines (Hand Power)
Braun J. G., 609 S Paulina, Chicago, Ill.
Buffalo Forge Co., Buffalo, N. Y.
Hinman D. A. & Co., Sandwich, Ill.
Kidder J. F. Mfg. Co., Burlington, Vt.
Schatz Mfg. Co., Poughkeepsie, N. Y.

7681—Angle Straightening Machines
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Gibbs-Brower Co. (Elliott), 261 Broadway, New York
Kane & Roach, Syracuse, N. Y.
United Engineering & Foundry Co. (For Rolling Mills), 307 5th av, Pittsburgh, Pa.
Youngstown Foundry & Machine Co., Youngstown, O.

7682—Angular & Ratchet Drilling Machines
See also Drills, Hand
Millers Falls Co. (Hand), 28 Warren, New York

Annealing Machines
See Heating Machines; also Furnaces, Annealing & Case Hardening

7683—Apple Butter Machinery
Sprague Canning Machinery Co. (Hand & Power), 222 N Wabash av, Chicago, Ill.

7684—Apple Evaporating Machinery
Boutell Mfg. Co., Rochester, N. Y.

7685—Apple Grating Machines
DUNNING & BOSCHERT PRESS CO., INC., 379 W Water, Syracuse, N. Y. *See adv index at end of book*
Hydraulic Press Mfg. Co., Mount Gilead, O.
Kelso & Co., 559 W Quincy, Chicago, Ill.
Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

7686—Apple Paring Machines
Boutell Mfg. Co. ("Rival," "Triumph," Hand & Power), Rochester, N. Y.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Sinclair Scott Co., Wells & Patapsco, Baltimore, Md.
Sprague Canning Machinery Co. (For Canners, Hand & Power), 222 N Wabash av, Chicago, Ill.

7687—Apple Quartering Machines
Boutell Mfg. Co. ("Pease"), Rochester, N.Y.
Forsyth Metal Goods Co. (& Corer), E. Aurora, N. Y.

7688—Apple Slicing Machinery
Boutell Mfg. Co. ("Pease," "Rotary," "Rochester" Self Feed, "Perfect" Self Feed & "Sun" Hand), Rochester, N. Y.

7689—Armature Banding Machines
Columbia Machine Works & Malleable Iron Co. ("Columbia"), Atlantic av, & Chestnut, Brooklyn, N. Y.
Electric Service Supplies Co., 17th & Cambria, Phila., Pa.
Ridlon Frank Co., 251 A, Boston, Mass.

7690—Armature Coil Taping Machines
Chattanooga Armature Works, Chattanooga, Tenn.
Columbia Machine Works & Malleable Iron Co. ("Columbia"), Atlantic av, & Chestnut, Brooklyn, N. Y.
Electrical Mfgrs. Equipment Co., 712 Postal Telegraph bldg, Chicago, Ill.
Griswold Geo. M. Machine Co., New Haven, Conn.
Oliver Electric & Mfg. Co. ("Precision"), 2221 Lucas, St. Louis, Mo.
Ridlon Frank Co., 251A, Boston, Mass.

7691-2—Armature Disc Notching Machines
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Ferracute Mach. Co., Bridgeton, N. J.
Long & Alstatter Co., Hamilton, O.

7693—Armature Straightening Machines
Columbia Machine Works & Malleable Iron Co. ("Columbia"), Atlantic av & Chestnut, Brooklyn, N. Y.
Kane & Roach, Syracuse, N. Y.

7694—Armature & Field Coil Winding Machines
Chapman P. E. ("Universal"), 10th & Walnut, St. Louis, Mo.
Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
Coto Coil Co., 1655 Elmwood av, Providence, R. I.
Electric Service Supplies Co., 17th & Cambria, Phila., Pa.
Electrical Mfrs. Equipment Co., 712 Postal Telegraph bldg, Chicago, Ill.
Oliver Electric & Mfg. Co. ("Precision"), 2221 Lucas, St. Louis, Mo.
Ridlon Frank Co., 251 A, Boston, Mass.
Universal Winding Co., Providence, R. I.

7695—Armor Plate Cold Saw Cutting Machines
Newton Machine Tool Works, 23 Vine, Phila., Pa.

Artesian Well Machinery
See Well Drilling Machinery

7696—Artificial Leather Making Machinery
Waldron Jno. Co., New Brunswick, N. J.

7696a—*Artificial Silk Machinery
WERNER & PFEIDERER CO., 1232 N Niagara, Saginaw, Mich. *See adv index at end of book*

7697—*Asbestos Compound Mixing Machines.
Cummer F. D. & Son Co., Superior Arcade, Cleveland, Ohio *See adv index at end of book*
WERNER & PFEIDERER CO., 1232 N Niagara, Saginaw, Mich. *See adv index at end of book*

Ash Handling Machinery
See Conveyors, Coal & Ash; also Coal & Ore Handling Machinery; also Coal Storage Plant Construction

Asphalt Machinery
See Asphalt Plant Builders; also Mixers, Asphalt; also Heaters, Asphalt, Pitch & Tar.

7698—Assembling Machines (Wheel)
Defiance Machine Works (Auto & Auto Truck Wheels), Defiance, O.

7699—Auger Brick Machines
American Clay Machinery Co., S. Walnut, Bucyrus, O.
Bonnot Co., Canton, O.
Chambers Bros. Co., 52d below Lancaster av, Phila., Pa.
Freese E. M. & Co., Galion, O.
Steele J. C. & Sons, Statesville, N. C.

7700—Auger Brick Machines & Pug Mill Combined
American Clay Machinery Co., S. Walnut, Bucyrus, O.

7701— Auger Clot Machines
American Clay Machinery Co. (For Roofing Tile), S Walnut, Bucyrus, O.

7702 — Automatic Packaging Machines
Anderson E. D., Inc., 101 Park av, New York
Package Machinery Co., Springfield, Mass.
Pneumatic Scale Corp. (Ltd.), Norfolk Downs, Mass.

7703—Automatic Turret Machines
Brown & Sharpe Mfg. Co., Providence, R. I.
Cleveland Automatic Machine Co., Cleveland, O.
National Acme Mfg. Co. ("Gridley"), 7500 Stanton av S C, Cleveland, O.
New Britain Machine Co. ("New Britain" Multiple Spindle), 190 Chestnut, New Britain, Conn.
Turner Machine Co. ("Turner Turret," Semi-Automatic, Vertical), Danbury, Conn.

7704—*Automobile, Bicycle, Sewing Machine & Typewriter Machinery
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

7704a—*Automobile Body Machines
Bentel & Margedant Co., Hamilton, O.

7705—*Automobile Parts Machinery (Drop Forged & Sheet Metal)
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

Bakers' Machinery

Automatic Flour Handling Equipment, Automatic Flour and Water Scales, Slow and High Speed Mixers, Dough Dividers, Loaf Rounders, Automatic Proofers, Ovens, Bread Conveying and Elevating Systems, etc.

Complete Equipments for Baking Plants

WERNER & PFLEIDERER CO., Inc.

General Offices and Works
1232 No. Niagara St.
SAGINAW, MICHIGAN

Branch Offices:
New York: Woolworth Bldg. Philadelphia: Drexel Bldg. Cleveland: Hippodrome Bldg. San Francisco: Pacific Bldg.

7706—Automobile Wheel Machinery

Bentel & Margedant Co., Hamilton, Ohio.
Kane & Roach, Syracuse, N. Y.

Axe Handle Machinery

See Lathes, Handle Turning

7707—Axle Cutting-Off & Centering Machines

Fawcus Machine Co., 1st Nat. Bk. bldg, Pittsburgh, Pa.
See adv index at end of book

Axle Straightening Machines

See Shaft Straightening Machines

7708—Axle Upsetting Machines

Ajax Mfg. Co., Cleveland, O.

7709—Axle Welding & Upsetting Machines

Champion Blower & Forge Co. ("Champion" for Axles & Tires), Lancaster, Pa.
Kane & Roach, Syracuse, N. Y.

7710— Badge Pin Machinery

Baird Machine Co., Bridgeport, Conn.

7711— Bag Closing Machines

Union Special Machine Co., 300 W Kinzie, Chicago, Ill.

7712— Bag Filling Machines

See also Packing Machines

Bates Valve Bag Co., 1310 S Chicago av, Chicago, Ill.
Brown Bag Filling Machine Co. (For Filling & Sealing Flat Paper Bags), Fitchburg, Mass.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis. Ind.
Poole Engineering & Machine Co. (For Fertilizer), Woodbery Sta., Baltimore, Md.
Richardson Scale Co. ("Richardson," Stationary & Portable), Passaic, N. J.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
Sawyer W. H. & Sons Co. ("Sawyer-Fulford"), Americus, Ga.
Schaffer Engineering & Equipment Co. The (Poidometer Attachment), Tiffin, O. *See adv index at end of book*
Urschel-Bates Valve Bag Co. (Lime), 3431 Summit av, Toledo, O.
Wolf Co., Chambersburg, Pa.

7713—Bag Making Machinery

See also Looms Bag

Bickett Machine & Mfg. Co., Cincinnati, O.
Smith & Winchester Mfg. Co., South Windham, Conn.
Vierengel Matthew (Cement), 32 S 6th. Brooklyn. N. Y.

7714—Bag Printing Machinery

Bickett Machine & Mfg. Co., 1112 Richmond, Cincinnati, O.
Cottrell C. B. & Sons Co., New York
Kidder Press Co. (Cloth & Paper), Dover, N. H.
Koehler Hy. L. Mfg. Co., Louisville. Ky.
Osterlind Printing Press & Mfg. Co., St. Paul, Minn.

7714a—Bag Washing Machines

Century Cement Machine Co. ("Hercules" Cement Bag Cleaning Machines), Rochester, N. Y.

7715— Bakers' Machinery

See also Confectioners' Machinery

American Bakers' Machinery Co. (Dough Dividers, Mixing & Moulding), 2121 N 9th, St. Louis, Mo.
Bakers Joseph, Ltd. (Imp.), 233 B'way, New York
Baum & Schoel, Waterloo, Ia.
Century Machine Co., Winton pl, Cincinnati, O.
Day J. H. Co. (Wire Cake Cutting Machines, etc), Cincinnati, O.
Dutchess Tool Co., Fishkill-on-Hudson, N. Y.
Green Thos. L. & Co. (Biscuit Plant Equipment Exclusively), Indianapolis, Ind.
Harton Pembroke D. (Icing Machines, etc), Fairmount av & 15th, Phila., Pa.
Haysen Mfg. Co., Sheboygan, Wis.
Mills Thos. & Bro., Thompson & 8th, Phila., Pa.
Read Machinery Co., York, Pa.
Rockwell L. A. Co., 430 Smith, Brooklyn, N. Y.
Thomson Machine Co., Belleville, N. J.
WERNER & PFLEIDERER CO., 1232 N Niagara, Saginaw, Mich.
See adv index at end of book

7716—Balancing Machinery (Pulley)

Carlson-Wenstrom Co. ("Carwen" Dynamic Balancing), Erie av & Richmond, Phila., Pa.
Defiance Machine Works, Defiance, O.

7717—Balancing Machines (Knife)

American Wood Working Machinery Co., 347 Madison av, New York
Baldwin, Tuthill & Bolton, Grand Rapids Mich.
Bentel & Margedant Co., Hamilton, O.
Defiance Machine Works, Defiance, O.
Fay J. A. & Egan Co., Cincinnati, O.
Hall & Brown Woodworking Machine Co. 1913 N B'way, St. Louis, Mo.
Yates P. B. Machine Co., Beloit. Wis.

7718— Bale Tie Machines

Case J. I. Threshing Machine Co. (Belt Power, Self Tieing), Racine, Wis.
Collins Plow Co. (Hand), Quincy, Ill.
Dain Mfg. Co., Ottumwa, Ia.
Des Moines Bale Tie Co., Des Moines, Ia.
Ertel Geo. Co., Quincy, Ill.
Kansas City Hay Press Co., Kansas City, Mo.
Oram John S. Co. (Punch, Shear & Riveter), Cleveland, O.
Sandwich Mfg. Co., Sandwich, Ill.
Scott Hay Press Co., 1300 W 13th, Kansas City, Mo.
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.

7719—Ball Turning Machines

American Tool & Machine Co., 10 High, Boston, Mass.

7720—Band Re-Sawing Machines

See also Band Sawing Machines

ALLIS-CHALMERS MFG. CO. (Horizontal & Vertical), Milwaukee, Wis.
See adv index at end of book
Bentel & Margedant Co., Hamilton, O.
Connell & Dengler Machine Co., Rochester, N. Y.
Cordesman-Rechtin Co., Butler, Cincinnati, O.
Defiance Machine Works, Defiance, O.
Fay J. A. & Egan Co., Cincinnati, O.
Filer & Stowell Co., Milwaukee, Wis.
Fischer Machine Works, 1845 Carroll av, Chicago, Ill.
Garland M. Co., Bay City, Mich.
Hall & Brown Woodworking Machine Co., 1913 N. B'way, St. Louis, Mo.
Jones Superior Machine Co. ("Superior"), 1264 W North av, Chicago, Ill.
McDonough Mfg. Co., Eau Claire, Wis.
Mereen-Johnson Machine Co., 4400 Lyndale, av N, Minneapolis, Minn.
Mershon W. B. & Co., Saginaw, Mich.
Wright Chas. E. Co., Kenilworth, N. J.
Yates P. B. Machine Co., Beloit, Wis.

7721—Band Saw Filing & Setting Machines

See also Specific Article Required

Ambler Saw Mfg. Co., Natick, Mass.
American Wood Working Machinery Co. ("Rogers," "Clement"), Rochester, N. Y.
Baldwin, Tuthill & Bolton ("Bolton"), Grand Rapids. Mich.
Black Diamond Saw & Machine Works ("Only"), Natick, Mass.
Covel Mfg. Co., Benton Harbor, Mich.
Defiance Machine Works, Defiance, O.
Disston Henry & Sons (Revolving), Tacony, Phila., Pa.
Hanchett Swage Works ("Hanchett" Automatic), Big Rapids, Mich.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
New Britain Machine Co. ("Equal Blow"), 190 Chestnut, New Britain, Conn.
Rotary File & Machine Co. ("New Reliable," Automatic), 200 Diamond, Brooklyn, N. Y.

Sidney Tool Co. ("Defiance"), Sidney, O.
Wellman Pattern Supply Co. ("Foley"), Cleveland, O.
Wright Chas. E. Co., Kenilworth, N. J.

7722—Band Saw Patch Machines

Baldwin, Tuthill & Bolton ("Bolton"), Grand Rapids, Mich.

Band Saw Setting Machines

See Band Saw Filing & Setting Machines; also Saw Filing & Setting Machines; also Saw Sharpening Machines

Band Saw Sharpening Machines

See Saw Sharpening Machines

7723—Band Sawing Machines for Metal

Newton Machine Tool Works, 23d & Vine, Phila., Pa.
Quality Saw & Tool Works ("Napier"), Springfield, Mass.
Ryerson Joseph T. & Son, 2553 W 16th, Chicago, Ill.
See adv index at end of book
Thompson H. G. & Son Co. ("Eureka"), New Haven, Conn.
Wright Chas. E. Co., Kenilworth, N. J.

7724—Band Sawing Machines for Wood

See also Band Re-Sawing Machines

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
American Sawmill Machinery Co., Hackettstown, N. J.
American Woodwkg., Mach'y Co., Rochester, N. Y.
Baker Wm. H. (Hand Power), Trenton, N. J.
Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Baxter Machine Co., Lebanon, N. H.
Bentel & Margedant Co., Hamilton, O.
Clark Bros. Co., Olean, N. Y.
Colladay Jos. O. Co., 626 Race, Phila., Pa.
Cordesman-Rechtin Co. (Scroll, etc.), Butler, Cincinnati, O.
Crescent Machine Co., Leetonia, O.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Defiance Machine Works, Defiance, O.
Fay J. & A. Egan Co., Cincinnati, O.
Fischer Machine Works (Band, Segment & Slab Re-Saws, etc.), 1845 Carroll av, Chicago, Ill.
Frank Machinery Co., Buffalo, N. Y.
Gardner Machine Works, Gardner, Mass.
Garland M. Co., Bay City, Mich.
Gee Chas. E. ("Gee"), Lowell, Mass.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Hall & Brown Woodworking Machine Co., 1913 N. B'way, St. Louis, Mo.
Jones Superior Machine Co. ("Superior"), 1264 W North av, Chicago, Ill.
Kane & Roach, Syracuse, N. Y.
Kennedy Ralph M., 117 N 7th, Phila., Pa.
McDonough Mfg. Co., Eau Claire, Wis.
Mershon W. B. & Co., Saginaw, Mich.
Newman Machine Co., Greensboro, N. C.
Oliver Machinery Co., Grand Rapids, Mich.
Parks Ball Bearing Machine Co., Knowlton & Fergus, Cincinnati, O.
Power L. & Co., 20 S 23d, Phila., Pa.
Root B. M. Co., York, Pa.
Sidney Tool Co., Sidney, O.
Silver Mfg. Co. (Foot & Power), Salem, O.
Sinker-Davis Co., Indianapolis, Ind.
Smith H. B. Machine Co., Smithville, N. J.
West Side Iron Works, Grand Rapids Mich.
Wright Chas. E. Co., Kenilworth, N. J.
Yates P. B. Machine Co., Beloit, Wis.

7725—Band Sprue Sawing Machines

Brass Founders Supply Co. (For Brass Founders), Hamberg pl., Newark, N. J.

7726—Band & Rip Saw, Boring & Spoke Tenoning Machines (Combined)

Parks Ball Bearing Machine Co., Knowlton & Fergus, Cincinnati, O.

7727—Bandage (Surgeon's) Cutting Machines

Cameron Mach. Co., 61 Poplar, Brooklyn, N. Y. *See adv index at end of book*

Bar Drawing Machines

See Rod & Bar Drawing Machines

Bar Iron Cutting Machines

See Cutters, Iron, Bar & Rod

7728— Bar Pointing Machines

Brightman Mfg. Co., Columbus, O.

7729—Bar Twisting Machines

(For Concrete Reinforcing Bars)

Lewis Foundry & Machine Co., Pittsburgh, Pa.
Mesta Machine Co., Pittsburgh, Pa. Works: Homestead, Pa.
See adv index at end of book
United Engineering & Foundry Co., 307 5th av, Pittsburgh, Pa.

7730—Bark Cutting Machines

Abbe Engineering Co., 220 Broadway, New York *See adv index at end of book*
Turner Tanning Machinery Co. ("Turner" for Tanneries), Peabody, Mass.

7731— Barley Machinery

BARTLETT C. O. & SNOW CO. (Pearled), French st, Cleveland, O.
See adv index at end of book
Howes S. Co. ("Eureka" Cleaners, Graders, Scourers, Polishers & Clippers), Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor" Cleaners, Graders, Scourers, Polishers, Clippers), Silver Creek, N. Y.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Wolf Co., Chambersburg, Pa.

7731a—*Barley Pearling Machinery

Bartlett C. O. & Snow Co., French st., Cleveland, Ohio
See adv index at end of book

7732—Barrel Hoop Driving Machines

Hydraulic Press Mfg. Co., Mt. Gilead, O.
Naughton & Weimar, Westmoreland & Jasper, Phila., Pa.
Oram John S. Co. ("Oram's"), Cleveland, Ohio
Strait H. N. Mfg. Co., Kansas City, Kansas

Barrel Hoop Machinery

See Hoop Machinery

7733—Barrel, Keg, Stave & Heading Machinery

See Also Specific Article Required

Atkins E. C. & Co., Indianapolis, Ind.
Bartlett A. F. & Co., Saginaw, Mich.
Benson A. M. & Co., Cleveland, O.
Chapman's T. M. Sons Co., Old Town, Me.
Clough & Witt Machine Co. (Slack Barrel & Keg only), 1740 Columbus rd, Cleveland, O.
Dix Chas. B., Glens Falls, N. Y.
Garlach Peter Co. (For Kegs, Pails, Tubs & Slack & Tight Barrels, Crockery Casks & Tobacco Hogsheads), 1712 Winter, Cleveland, O.
Garland M. Co. (Stave & Heading Only), Bay City, Mich.
Goodspeed Machine Co. (Cylinder Stave Saws for Pail, Keg, Barrel, Tub, etc), Winchendon, Mass.
Holmes E. & B. Machinery Co., Buffalo, N. Y.
Lenker F. K. & Co. (Nail Keg.), Millersburg, Pa.
Mitts & Merrill, 139 S Water, Saginaw, Mich.
Oram Jno. S. Co., Cleveland, O.
Perkins & Co. ("Columbia" Heading Machines, etc), Grand Rapids, Mich.
Reed L. M. (Stave, Crozier, Setting-Up Machines & Headers, etc), Cleveland, Ohio
Rochester Barrel Machine Works (Slack Barrel, etc), Rochester, N. Y.
Stamm Machine Works (Stave Rejointers, etc), Aurora, Ind.
Strait H. N. Mfg. Co., Kansas City, Kansas
Strange Chas. E., Taunton, Mass.
Trevor Mfg. Co. (Headings, Staves, etc), Lockport, N. Y.
Wheland Co. ("Standard" Stave Jointer for Slack Barrels; also Stave Bolt Equalizers, Stave Bolters, etc), Chattanooga, Tenn.

7734—Barrel Leveling Machines

Johnson T. Co. ("Champion"), 108 S La Salle, Chicago, Ill.
Oram John S. Co., Cleveland, O.

7735—Barrel Trussing Machines

Holmes E. & B. Machinery Co. (Upright Double End), Buffalo, N. Y.
Oram John S. Co., Cleveland, O.

7736—Barrel Washing Machines

See also Keg Scrubbing Machines

Aue Ferdinand Co. ("Muller"), 401 E 91st, New York
Baer A. S. & Son ("Baer," Automatic, Imported), 106 Wall, New York
Cleveland Brewers' Supply Co., 1506 W 25th, Cleveland, O.
Naughton & Weiner, 1906 E Westmoreland, Phila., Pa.
Olsen & Tilgner Mfg. Co., 2280 Elston av, Chicago, Ill.
Schock Gustav & Son, 514 W 57th, New York
Zoller Chas. Co., 211 E 94th, New York
Zunner Machine Co., Rochester, N. Y.

7737— Basket Machinery

Horton Machine Works, Elmira, N. Y.
Merritt Mfg. Co., Lockport, N. Y.
Parsons Specialty & Machine Works (Fruit & Berry), 2427 No. 4th, Phila., Pa.
St. Joseph Iron Works (Also Package), St. Joseph, Mich.
Saranac Machine Co., Benton Harbor, Mich.
Titus E. E. (Automatic Power Quart Basket Stapling Machine), Petersburg, Va.

Beading Machines

See Crimping & Beading Machines

7738—Beading Machines (Eave Trough, Cornice, Etc.)

Canton Foundry & Machine Co. ("Universal"), Canton, O.

7739—Beam Coping Machines

PITTSBURGH-DES MOINES STEEL CO., 4th & Rose, Pittsburgh, Pa.
See adv index at end of book
Wickes Bros., Saginaw, Mich.
See adv index at end of book

7740—Beam Straightening Machines

Mackintosh, Hemphill & Co., Pittsburgh, Pa.

7741—Beef & Bacon Slicing Machines

LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

7742—Beer Racking Machines

Schlangen Bros. Co., 2435 Irving pk. blvd, Chicago, Ill.
Torchiani H. ("Ideal" Counter Pressure), 14 N Dearborn, Chicago, Ill.
White Racker Co., 3916 W Congress, Chicago, Ill.

7743—Beet Sugar Machinery

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
American Tool & Machine Co. ("Weston" Centrifugals, Centrifugal Sprayers & Dischargers), 10 High, Boston, Mass.
Bartlett-Hayward Co., Scott & McHenry, Baltimore, Md.
Chain Belt Co., Milwaukee, Wis.
Dyer Co., Cleveland, O.
FABRICATED STEEL PRODUCTS CORPORATION, Box 300, Leetonia, O. *See adv index at end of book*
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Joubert & Goslin Mach. & Fdry. Co. (Refining), Birmingham, Ala.
Kilby Mfg. Co., Cleveland, O.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av, & P. & R. Ry., Phila., Pa. *See adv index at end of book*
Manitowoc Engineering Works, Manitowoc, Wis.
Marshall Foundry Co., Pittsburgh, Pa.
Moline Plow Co. ("Moline"), Moline, Ill.
Stearns-Roger Mfg. Co., Denver, Colo.

7743a—*Beet Sugar Conveying Machinery

JEFFREY MFG. CO., 961 No. Fourth, Columbus, O. *See adv index at end of book*

7744—Beet Washing & Slicing Machines

Kilby Mfg. Co., Cleveland, O.
Stearns-Roger Mfg. Co., Denver, Colo.

7745— Beetle Machines

Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.

7746—Belt Chopping Machines

Turner Tanning Machinery Co. ("Turner"), Peabody, Mass.

7747—Belt Cutting Machines

Luther C. A. & Co., Pawtucket, R. I.

7748—Belt Finishing Machines

Turner Tanning Machinery Co. ("Turner"), Peabody, Mass.

7749—Belt Folding Machines

Birmingham Iron Foundry, Derby, Conn.
Farrel Foundry & Machine Co., Ansonia, Conn.

7750—Belt Maker's Machinery

Birmingham Iron Foundry (For Rubber Belting, etc.), Derby, Conn.
Dennis Jno. Machine Co., Lowell, Mass.
Turner Tanning Machinery Co. ("Turner"), Peabody, Mass.

7751—Belt Sanding Machines

Curtis Machine Corp. ("Lucas" Panel, "Moore," "Jansen"), Jamestown, N. Y.
Driver C. H. & Kerr Co., 1320 16th, Racine, Wis.
Mattison C. Machine Works, Beloit, Wis.
Redin, Eckerstrom & Co., Rockford, Ill.
Schimmel, Reid & Co. ("Simplex"), Faribault, Minn.
Wysong & Miles Co., Greensboro, N. C.
Yates P. B. Machine Co., Beloit, Wis.

7752—Belt Scarfing Machines

Turner Tanning Machinery Co. ("Turner"), Peabody, Mass.

7753—Belt Stitching Machinery

Singer Sewing Machine Co., 149 B'way, New York

7754—Belt Strapping Machines

Diamond Machine Co. ("Diamond"), Providence, R. I.

7755—Belt Stretching Machines

Holmes Chas. Leather Working Machinery Co., Cambridge, Mass.
Turner Tanning Machinery Co. ("Turner"), Peabody, Mass.

7756—Belt Stretching & Testing Machines (Combined)

Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.

7757—Belt Stripping Machines

Turner Tanning Machinery Co. ("Turner"), Peabody, Mass.

7758— Bending Machines

Bethlehem Steel Co., South Bethlehem, Pa.
BLISS E. W. Co., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Clevetland, O.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Garrison Brass & Machine Works, 107 W 13th, New York
Kling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.
Long & Allstatter Co. (Horizontal, etc., Double Steam, Motor & Belt Driven), Hamilton, O.
Niles-Bement-Pond Co. 111 Broadway, New York
Robinson J. M. Mfg. Co. (¼-inch Plates & Lighter), Cincinnati, O.
Wells Frank L. Co. (For Brass & Iron Tubing), Kenosha, Wis.
Wickes Bros. (Plate & Angle, etc.), Saginaw, Mich. *See adv index at end of book*
Williams, White & Co., Moline, Ill.

Bending Machines (Concrete Reinforcing Bar)

See Benders, Reinforcing Bar

7759—Bending Machines (Hydraulic)

Baily & Allen Co., 122 S Michigan blvd, Chicago, Ill.
Chambersburg Engineering Co. (For Angles), Chambersburg, Pa.
Hydraulic Press Mfg. Co., Mt. Gilead, O.
Makintosh, Hemphill & Co. (Vertical, for Heavy Work), Pittsburgh, Pa.
MORGAN ENGINEERING CO., Alliance, Ohio. *See adv index at end of book*
Niles-Bement-Pond Co., 111 Broadway, New York
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*
Wood R. D. & Co. (Or Bulldozer), 400 Chestnut, Phila., Pa.

7760—Bending Machines (Splice)

Cleveland Frog & Crossing Co. (For Offsetting Splices), Cleveland, O.

7761—Bending Machines (Tube)

Cox J. Fillmore Engng. & Tube Bending Machine Wks. (& Pipe), Bayonne, N. J.
Pipe Machinery Co. (Pipe), Cleveland, O.
Simmons Co., Kenosha, Wis.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*

Bending Machines (Wood)

See Wood Bending Machines

Bending & Forming Machines

See Forming & Bending Machines

7762— Berry Box Machinery

Titus E. E., Petersburg, Va.

7763—Bevel Gear Tempering Machines

Gleason Works, 2000 University av, Rochester, N. Y.

7764—Bevel Gear Turning Machines

Bridgeford Machine Tool Works (For Automobile Gears), Rochester, N. Y. *See adv index at end of book*

7765—Bevel Sawing Machines

Connell & Dengler Machine Co., Rochester, N. Y.
Grammes L. F. & Sons, Allentown, Pa. *See adv index at end of book*

7766— Beveling Machines

Royle Jno. & Sons (Inc.) (Photo Engravers'), Paterson, N. J.
Sheridan T. W. & C. B. Co. (Bookbinders, etc.), 434 Broadway, New York

7767—Bias Fabric Strip Machinery

Adams A. L., Bridgeport, Conn.

7768— *Bicycle Machinery

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

7769— Bifurcating Machines

Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

7770—Billet Piercing Machines

Standard Engineering Co., Ellwood City, Pa.

Billing Machines

See Typewriters, Adding & Billing

7771—Binder Board Beveling Machines

Hinze H. (Imp.), 460 W 149th, New York

7772—Binders' Board Machines

Noble & Wood Machine Co., Hoosick Falls, N. Y.

7772a—*Blanc Fix Dissolving Machines

Werner & Pfleiderer Co., 1232 No Niagara, Saginaw, Mich. *See adv index at end of book*

7773— Blanching Machines

Huntley Mfg. Co. ("Monitor" for All Fruits, Vegetables, Oysters, etc., Silver Creek. N. Y.

7774—Blast Furnace Machinery

See also Rolling Mill Machinery

Atlas Engineering Co., Amherst, Ohio *See adv index at end of book*
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
MORGAN ENGINEERING CO., Alliance, Ohio. *See adv index at end of book*
United Engineering & Foundry Co., 307 5th av, Pittsburgh, Pa.
Weimer Machine Works Co., Lebanon, Pa.
Youngstown Engineering Co., Youngstown, Ohio

7775—Blast Hole Drilling Machines

American Well Works, Aurora, Ill. *See adv index at end of book*
Armstrong Mfg. Co., Waterloo, Ia.
Sanderson-Cyclone Drill Co., Orrville, O.

7776— Blasting Machines

HERCULES POWDER CO. ("Hercules" & "Hercules midget"), Wilmington, Del. *See adv index at end of book*

7777— Bleaching Machinery

Jefferson E. D. & Son, 53 State, Boston, **Mass.**

7778— Blending Machines

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
Barnard & Leas Mfg. Co., Moline, Ill.
Gauntt F. G. Mfg. Co., Fort Wayne, Ind.
Huntley Mfg. Co. ("Monitor" for Coffee), Silver Creek, N. Y.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Wolf Co., Chambersburg, Pa.

7779—Blind Slat Crimping Machines

Hall & Brown Woodworking Machine Co. (Blind Slat Tenoning & Boring Machines, etc.), 1913 N. B'way, St. Louis, Mo.

7780—Blind Slat Sawing Machines

American Woodworking Machinery Co., Rochester, N. Y.
Fay J. A. & Egan Co., Cincinnati, O.

7781—Blind Wiring Machines

American Woodworking Machinery Co., Rochester, N. Y.
Cordesman-Rechtin Co., Butler, Cincinnati, O.
Fay J. A. & Eagan Co., Cincinnati, O.
Smith H. B. Machine Co., Smithville, N. J.

Blue Printing Machines

For Classification number see Index of Contents

7782—Boat Unloading Machinery

Hudson Machinery Co., Passaic, N. J.
LINK-BELT CO. (For Unloading Coal, etc.), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Wellman-Seaver-Morgan Co., Cleveland, O.

Bobbin Machinery

See Spool & Bobbin Machinery

7783—Boiler Cap Reseating Machines

Lagonda Mfg. Co., Springfield, O.

7784—Boiler Flue Safe Ending Machines

Federal Electric Welder Co., Warren, O.

Boiler Head Flanging Machines

See Flanging Machines

7785—Bolt Cutting Machines

Acme Machinery Co., Cleveland, O.
Brown H. B. Co. ("Merriman"), East Hampton, Conn.
Chambers Bros. Co. ("Chambers" Open Side), 52d below Lancaster av, Philadelphia, Pa.
Detrick & Harvey Machine Co., 508 E Preston, Baltimore, Md.
Foote-Burt Co. ("Reliance"), Cleveland, O.
LANDIS MACHINE CO., Waynesboro, Pa.
Mummert, Dixon Co. ("Plurality" Die Bolt), Hanover, Pa.
National Machinery Co., Tiffin, O.
Pratt & Whitney Co. (Turret), Hartford, Conn.
Prentiss Henry & Co. (Inc.), (Formerly Prentiss Tool & Supply Co., 149 B'way, New York *See adv index at end of book*
Universal Machine Co. ("Standard," Single & Double Head), Bowling Green, O.
Webster & Perks Tool Co., Springfield, O.
Williams Tool Co., Erie, Pa.

7786—Bolt Forging Machines

Acme Machinery Co., Cleveland, O.
Pawtucket Mfg. Co. (Hexagon & Square Head), Pawtucket, R. I.

7787—Bolt Head Trimming Machines

Manville E. J. Machine Co. (Automatic), Waterbury, Conn.
Pawtucket Mfg. Co. (Automatic), Pawtucket, R. I.

7788—Bolt Heading Machines

Acme Machinery Co., Cleveland, O.
Ajax Mfg. Co. (Automatic Feed), Cleveland, O.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Brown H. B. Co., East Hampton, Conn.
Cook Asa S. Co. (New Patent Feed for Stove & Tire Bolts, etc.), Hartford, Conn.
Howard Iron Works ("Burdict" for Hex. Square & Carriage Bolts), Buffalo, N. Y.
Manville E. J. Machine Co. (For Cold Bolt Making). Waterbury, Conn.
National Machinery Co., Tiffin, O.
New Doty Mfg. Co., Janesville, Wis.
Niles-Bement-Pond Co., 111 B'way, New York
Noyes B. B. Co. ("Noyes"), Greenfield, Mass.

7789—Bolt Pointing Machines

Acme Machinery Co., Cleveland, O.
Brown H. B. Co., East Hampton, Conn.
Detrick & Harvey Mach. Co., 508 E Preston, Baltimore, Md.
Howard Iron Works, Buffalo, N. Y.
Landis Machine Co. ("Landis"). Waynesboro, Pa.
National Machinery Co., Tiffin, O.
Niles-Bement-Pond Co., 111 B'way, New York
Pawtucket Mfg. Co., Pawtucket, R. I.
Webster & Perks Tool Co., Springfield, O.

Bolt Tapping Machines

See Nut Tapping Machines

7790—Bolt Threading Machines

Acme Machinery Co., Cleveland, O.
Brown H. B. Co. ("Merriman Automatic & Non-Automatic, Single or Double Spindle), East Hampton, Conn.
Cook Asa S. Co. (For Stove & Tire Bolts, etc.), Hartford, Conn.
Detrick & Harvey Machine Co. ("Adams"), 508 E Preston, Baltimore, Md.)
Foote-Burt Co. ("Reliance"), Cleveland, O.
GREENFIELD TAP & DIE CORP'N, ("G. T. D." For Hand & Power, also Automatic Die Head Bolt Threaders), Greenfield, Mass.
See adv index at end of book
LANDIS MACHINE CO., Waynesboro, Pa.
Newton Machine Tool Works, 23d & Vine, Phila., Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Saunders D. Sons, Yonkers, N. Y.
Standard Engineering Co., Ellwood City, Pa.
Universal Machine Co., Bowling Green, O.
Webster & Perks Tool Co., Springfield, O

7791—Bolt Turning Machinery

Harrington Edwin Son & Co., 17th & Callowhill, Phila., Pa.

7792—Bolt Upsetting Machines

Acme Machinery Co., Cleveland, O.
Ajax Mfg. Co., Cleveland, O.
National Machinery Co., Tiffin, O.
Niles-Bement-Pond Co., 111 B'way, New York
Pawtucket Mfg. Co., Pawtucket, R. I.

7793— Bolt & Nut Machinery

Acme Machinery Co., 4533 St. Clair av, Cleveland, O.
Ajax Mfg. Co., Cleveland, O.
Brown H. B. Co., East Hampton, Conn.
GREENFIELD TAP & DIE CORP. ("G. T. D." Threading Machines), Greenfield, Mass. *See adv index at end of book*
Howard Iron Works, Buffalo, N. Y.
LANDIS MACHINE CO., Waynesboro, Pa.
National Machinery Co., Tiffin, O.
Niles-Bement-Pond Co., 111 B'way, New York
Pawtucket Mfg. Co., Pawtucket, R. I.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
Webster & Perks Tool Co., Springfield, O.
Williams. White & Co., Moline, Ill.

7794—Bolt & Nut Screwing Machines

GREENFIELD TAP & DIE CORP. ("G T. D.") Greenfield, Mass.
See adv index at end of book
LANDIS MACHINE CO., Waynesboro, Pa.

7795— Bolting Machines

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Beach-Russ Co., 220 B'way, New York
See adv index at end of book
Great Western Mfg. Co. (For Flour & Corn Mills), Leavenworth, Kansas
Nordyke & Marmon Co. (For Flour, Meal & Special Products), 1290 Kentucky av, Indianapolis, Ind.
Robinson Mfg. Co., Muncy, Pa.
Ross Charles & Son Co., 148 Classon av, Brooklyn, N. Y.
Sprout, Waldron & Co., Muncy, Pa.
Wolf Co., Chambersburg, Pa.

7796—Bolting Saw Machines

Defiance Machine Works, Defiance, O.
Gerlach Peter Co. (Hand & Power Feed), 1712 Winter, Cleveland, O.
Ober Mfg. Co., Chagrin Falls, O.

7797—Bone Washing Machines

Allbright-Nell Co. (For Packing Houses, etc), 5323 Western blvd, Chicago, Ill.

7798—Book Backing Machines

Hickok W. O. Mfg. Co., Harrisburg, Pa.
Latham Machinery Co. ("Sanborn"), 1153 Fulton, Chicago, Ill.

7799—Book Binders' Cloth Cutting Machines

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Smyth Mfg. Co., Hartford, Conn.

7800—Book Binders' Machinery

Anderson C. F. & Co., 710 S Clark, Chicago, Ill.
BECK CHAS. CO., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Blackhall Mfg. Co., 196 Seneca, Buffalo, N. Y.
Brown R. H. & Co., New Haven, Conn.
Burton A. G. Son, 118 S Clinton, Chicago, Ill.
Crawley Book Machinery Co., Newport, Ky.
Dexter Folder Co., 200 5th av, New York
Fuller E. C. Co., 28 Reade, New York
Goat Fred Co. (Rounding & Backing Machines), 10 Reade, New York
Hickok W. O. Mfg. Co., Harrisburg, Pa.
Hoole Machine & Engraving Works, 29 Prospect, Brooklyn, N. Y.
Jacques Jno. & Son, Worcester, Mass.
Lange Henry G., 162 N May, Chicago, Ill.
Latham Machinery Co. ("Monitor"), 1153 Fulton, Chicago, Ill.
Marresford Wm. F. (Pasting), 56 Pearl, Brooklyn, N. Y.
Marshall Son & Co., 226 Purchase, Boston, Mass.
Oswego Machine Works, Oswego, N. Y.
Perkins Machine Co., 216 N Jefferson, Chicago, Ill.
Robinson Jno. T. Co., Hyde Park, Mass.
Rosback F. P. Co., Benton Harbor, Mich.
Seybold Machine Co., Dayton, O.
Sheridan T. W. & C. B. Co., 434 B'way, New York
Sigourney Tool Co., Hartford, Conn.
Smyth Mfg. Co., Hartford, Conn.
Standard Machinery Co., Mystic, Conn.
Ziegler Rob't & Sons, St. Louis, Mo.

7801—Book Casing-in Machines

Smyth Mfg. Co., Hartford, Conn.

7802—Book Covering Machines

Sheridan T. W. & C. B. Co., 434 B'way, New York

7803—Book Gathering Machines

Gullberg & Smith, 187 Lafayette, New York

7804—Book Gluing Machines

Smyth Mfg. Co., Hartford, Conn.
Westervelt J. W. & Co., 69 Gold, New York

7805—Book Indexing Machines

Latham Machinery Co., 1153 Fulton, Chicago, Ill.

7805a— Bookkeeping Machines

Elliott Fisher Co., Harrisburg, Pa.

7806—Book Sawing Machines

Hickok W. O. Mfg. Co., Harrisburg, Pa.

7807—Book Sewing Machines

Sigourney Tool Co., Hartford, Conn.
Smyth Mfg. Co., Hartford, Conn.

Book Stitching Machinery

See Wire Stitching Machines

7808—Book Trimming Machines

Rowe James (Automatic), 1058 W Harrison, Chicago, Ill.
Smyth Mfg. Co., Hartford, Conn.

Boot Machinery

See Shoe Machinery

7809—Boring, Drilling, Tapping & Milling Machines

Cleveland Machine Tool Works, Cleveland, Ohio

7810—Boring, Drilling & Milling Machines (Combined)

American Woodworking Machinery Co., Rochester, N. Y.
Blomquist-Eck Machine Co., 1146 E 152nd, Cleveland, O.
Cleveland Machine Tool Works, Cleveland, Ohio
Detrick & Harvey Machine Co., 508 E Preston, Baltimore, Md.
Lucas Machine Tool Co., 542 E 99th, Cleveland, O.
Newton Machine Tool Works (Portable or Stationary), 23 Vine, Phila., Pa.
Niles-Bement-Pond Co., 111 B'way, New York
SIMMONS MACHINE CO. (INC.), 987 B'way, Albany, N. Y.
See adv index at end of book
Universal Boring Machine Co., Hudson, Mass.

7811—Boring, Drilling & Tapping Machines (Combined)

Hoefer Mfg. Co., Freeport, Ill.
Rockford Drilling Machine Co. ("Rockford" Horizonthal), Rockford, Ill.
SIMMONS MACHINE CO., INC., 987 B'way, Albany, N. Y.
See adv index at end of book
Western Machine Tool Works, Holland, Mich.

Boring Machines

See Metal Boring Machines; also Wood Boring Machines; also Pneumatic Boring Machines

7812—Boring Machines (Barrel)

Strait H. N. Mfg. Co. (For Boring Holes in Barrels), Kansas City, Kans.

7813—Boring Machines (Bracket)

Coates Clipper Mfg. Co. ("Coates"), Worcester, Mass.

7814—Boring Machines (Car Box)

Detrick & Harvey Mach. Co., 508 E Preston, Baltimore, Md.
Newton Machine Tool Works, 23d & Vine, Phila., Pa.
Niles-Bement-Pond Co., 111 B'way, New York
Pittsburgh Machine Tool Co., Braddock, Pa.
SIMMONS MACHINE CO. (INC.), 987 B'way, Albany, N. Y.
See adv index at end of book

7815—Boring Machines (Car Wheel)

Betts Machine Co., Maryland av & South, Wilmington, Del.
Niles-Bement-Pond Co., 111 B'way, New York
Putnam Machine Co., Fitchburg, Mass.
Sellers Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.

7816—Boring Machines (Condenser Head)

Beaman & Smith Co., Providence, R. I.

7817—Boring Machines (Crank)

Niles-Bement-Pond Co., 111 B'way, New York

7818—Boring Machines (Cylinder)

Automatic Machine Co. (Four Spindle Boring & Surfacing, etc.), Bridgeport, Conn.
Baker Bros. (1, 2, 4 & 6 Spindle), Toledo, O.
Barrett Machine Tool Co., ("Barrett"), Meadville, Pa.
Beaman & Smith Co., Providence, R. I.
Hoefer Mfg. Co., Freeport, Ill.
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
Mathews Hugh (Portable Re-Boring Bars), Kansas City, Mo.
Moline Tool Co., Moline, Ill.
Newton Machine Tool Works, 23d & Vine, Phila., Pa.
Niles-Bement-Pond Co., 111 B'way, New York
Rooksby E. J. & Co., 435 N 11th, Phila., Pa.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
SIMMONS MACHINE CO. (INC.), 987 B'way, Albany, N. Y.
See adv index at end of book
Stowe Flexible Shaft Co. (Portable), 26th & Callowhill, Phila., Pa.
Underwood H. B. & Co. (Portable), 1025 Hamilton, Phila., Pa.

7819—Boring Machines (Cylinder & Valve Chamber)

Newton Machine Tool Works, 23d & Vine, Phila., Pa.

7820—Boring Machines for Electric Wiring

Ford Auger Bit Co., Holyoke, Mass.
McCrea Jas. & Co. ("Roberts"), 562 W Washington, Chicago, Ill.

7821—Boring Machines (Hand)

Hardware Specialty Mfg. Co. ("Boss" Two-Speed), Anderson, Ind.
Millers Falls Co., 28 Warren, New York
Snell Mfg. Co. ("Snell," Angular & Upright), Fiskdale, Mass.
Swan Jas. Co. (Wood Frame for Wood), Seymour, Conn.

7822—Boring Machines (Hub)

Abbott & Co. ("Little Giant"), Hudson, Mich.
Bentel & Margedant Co., Hamilton, O.
Brecht Co., 1201 Cass av, St. Louis, Mo.
Defiance Machine Works, Defiance, O.
Kane & Roach, Syracuse, N. Y.
Silver Mfg. Co. ("Dole" & "Silver"), Salem, O.
Smith Philip Mfg. Co., Sidney, O.
Vulcan Iron Works Co., Mason City, Ia.

7823—Boring Machines (Locomotive Connecting Rod)

Baker Bros., Toledo, O.
Newton Machine Tool Works, 23d & Vine, Phila., Pa.

7824—Boring Machines (Metal)

See also Boring & Turning Machines; also Boring & Drilling Machines, Horizontal

American Tool Works Co., Cincinnati, O.
Baker Bros., Toledo, O.
Barrett Machine Tool Co. ("Barrett" Cylinder), Meadville, Pa.
Baush Machine Tool Co., Springfield, Mass.
Beaman & Smith Co., Providence, R. I.
Gardam Wm. & Son, 114 Park pl, New York
Garvin Machine Co., 147 Varick, New York
Lucas Machine Tool Co., 524 E 99th, Cleveland, O.
Newton Machine Tool Works, 23d & Vine, Phila., Pa.
Pratt & Whitney Co., Hartford, Conn.
Putnam Machine Co., Fitchburg, Mass.
Reed-Prentice Co., Worcester, Mass.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Sellers Wm. & Co., 1600 Hamilton, Philadelphia, Pa.
Termaat & Monahan Mfg. Co. (Horizontal), Oshkosh, Wis.
Warner & Swasey Co., Cleveland, O.

7825—Boring Machines (Metal, Horizontal)

Niles-Bement-Pond Co., 111 B'way, New York

Boring Machines (Metal, Vertical)

See Boring & Drilling Machines, Horizontal

7826—Boring Machines (Mower & Reaper Frame)

Beaman & Smith Co., Providence, R. I.

7827—Boring Machines (Portable)

Newton Machine Tool Works, 23d & Vine, Phila., Pa.
Oil Well Supply Co. (Oil Well), 215 Water, Pittsburgh, Pa.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Stow Mfg. Co., Binghamton, N. Y.
Stowe Flexible Shaft Co., 26th & Callowhill, Phila., Pa.

7828—Boring Machines (Rod)

Newton Machine Tool Works ("Duplex"), 23d & Vine, Philadelphia, Pa.

7829-30—Boring Machines (Shaft)

Pratt & Whitney Co., Hartford, Conn.

Boring Machines (Wood)

See Wood Boring Machines
Also Wood Boring Machines, Multiple

Boring Machines (Wood Pipe)

See Wood Pipe Boring Machines

7831—Boring & Chucking Machines (Vertical)

Simmons Machine Co., Inc., 987 B'way, Albany, N. Y. *See adv index at end of book*
Turner Machine Co. ("Turner-Turret" Drills, Reams, Taps & Bores), Danbury, Conn.

7832—Boring & Drilling Machines (Horizontal)

See also Metal Boring Machines

Barnes W. F. & John Co., Rockford, Ill.
Beaman & Smith Co., Providence, R. I.
Betts Machine Co., Maryland av & South, Wilmington, Del.
Cleveland Machine Tool Works (& Milling), Cleveland, O.
Detrick & Harvey Machine Co. (& Milling), 508 E Preston, Baltimore, Md.
Gisholt Machine Co., Madison, Wis.
Hoefer Mfg. Co. (Also Horizontal & Vertical Combined 60 Inch Swing, 4 to 4½ Inch Bar), Freeport, Ill.

Lucas Machine Tool Co., 524 E 99th, Cleveland, O.
Moline Tool Co., Moline, Ill.
Newton Machine Tool Works, 23d & Vine, Philadelphia, Pa.
Niles-Bement-Pond Co., 111 B'way, New York
Pawling & Harnischfeger Co., Milwaukee, Wis.
Prentiss Henry & Co., Inc. (Formerly Prentiss Tool & Supply Co., 1149 B'way, New York
See adv index at end of book
Rockford Drilling Machine Co., Rockford, Ill.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
SIMMONS MACHINE CO., INC., 987 B'way, Buffalo, N. Y.
See adv index at end of book
Warner & Swasey Co., Cleveland, O.

7833—Boring & Milling Machines (Horizontal)

Lucas Machine Tool Co., 524 E 99th, Cleveland, O.
Simmons Machine Co., Inc., 987 B'way, Albany, N. Y. *See adv index at end of book*
Universal Boring Machine Co., Hudson, Mass.

7834—Boring & Reaming Machines

Baker Bros. (Automatic), Toledo, O.

7835—Boring & Tapping Machines (Automatic)

Baker Bros., Toledo, O.
Dreses Machine Tool Co. (Boring, Facing & Tapping), Cincinnati, O.

7836—Boring & Turning Machines

Amalgamated Machinery Corp'n, 72 W Adams, Chicago, Ill.
Bullard Machine Tool Co. ("Standard"), Bridgeport, Conn.
CINCINNATI PLANER CO., Cincinnati, O.
Colburn Machine Tool Co. (Vertical, 30 to 72-in Swing), Franklin, Pa.
Espen-Lucas Machine Works (Stationary & Portable, Horizontal Multiple Spindle Boring Mills), 21 Girard av, Phila., Pa.
Gisholt Machine Co. (Vertical & Horizontal), Madison, Wis.
King Machine Tool Co. (Vertical, 42, 52, 62 & 72-inch Size), Clifton & B. & O. S. W. R. R., Cincinnati, O.
Niles-Bement-Pond Co. (Sidehead), 111 B'way, New York
Putnam Machine Co., Fitchburg, Mass.
Rogers Machine Tool Co., Alfred, N. Y.
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
Warner & Swasey Co., Cleveland, O.

7837—Boring & Turning Machines (Vertical)

Baker Bros., Toledo, O.
Baush Machine Tool Co., Springfield, Mass.
Betts Machine Co. (5 to 20 ft. Swing), Maryland av & South, Wilmington, Del.
BICKFORD H. & CO. ("Bickford"), Lakeport, N. H.
Bullard Machine Tool Co. ("Mult-Au-Matic"), Bridgeport, Conn.
Cincinnati Planer Co., Cincinnati, O.
Colburn Machine Tool Co. (36 to 72 inch Swing), Franklin, Pa.
Gisholt Machine Co. (30 to 120 Inch), Madison, Wis.
King Machine Co. (42, 50, 60 & 72 inch Size), Clifton av & B. & O. S. W. R. R., Cincinnati, O.
Mitts & Merrill (Boring Only), 1939 S Water, Saginaw, Mich.
Niles-Bement-Pond Co., 111 B'way, New York
Prentiss Henry & Co., Inc. (Formerly Prentiss Tool & Supply Co., 149 B'way, New York *See adv index at end of book*
Rogers Machine Tool Co., Alfred, N. Y.
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.

7838—Bottle Blowing Machines

Cox & Sons Co., 5th & Chestnut, Phila., Pa.
Husted-Hall Mould Works, Bridgeton, N. J.
Lynch Glass Machy. Co. ("No-Boy," "Lynch"), Anderson, Ind.
Owens Bottle Mach. Co. (Automatic), Toledo, O.
Teeple W. S., Wellsburg, W. Va.
United Bottle Mach'y Co. (For Narrow Mouth Bottles), 90 W B'way, New York

7839-40—Bottle Box Boring Machines

Chase Turbine Mfg. Co., Orange, Mass.

7841—Bottle Capping Machines

Adriance Machine Works, 80 Richards, Brooklyn, N. Y.
Bottle Capping Mach. Co. (Electric), 949 B'way, New York
Columbia Machine & Stopper Corp., 414 W 38th, New York
Crown Cork & Seal Co., 1511 Guilford av, Baltimore, Md.
Ideal Mfg. Co., Kewanee, Ill.
Modern Machinery Co., Wilmington, Del.
Pacific Carbonator Co., 133 W 24th, New York
Rice & Adams (Milk), Buffalo, N. Y.
U. S. Bottlers' Machy. Co. (Automatic, Rotary, Spinning, Electric & Hydraulic, Hand, for Tin Foil Cans), 1033 W Lake, Chicago, Ill.

7842—Bottle Corking Machines

See also Bottle Capping Machines

Dicke Tool Co. (Bench & Upright), Downers Grove, Ill.
Ermold Edw. Co. ("Ermold," Automatic Steam), 656 Hudson, New York
Fiber Barrel Machine & Mfg. Co. (Fibre), 2516 Jane, Pittsburgh, Pa.
Modern Machinery Co., Wilmington, Del.
Standard Automatic Machine Co. (Filling, Corking & Labeling), Rochester, N. Y.
U. S. Bottlers' Machy. Co. ("Milwaukee," "New York," Automatic; "Daisy" Bench Hand), 1033 W Lake, Chicago, Ill.
VILTER MFG. CO. (Power Corkers for Catsup, Pickles, Olives, etc.), 1046 Clinton, Milwaukee, Wis.
See adv index at end of book

7843—Bottle Filling Machines (Automatic)

Bishop-Babcock-Becker Co. ("Eureka," Counter Pressure Revolving), Cleveland, O.
Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.
Federal Brass Works ("Success"), 3100 S Kedzie, Chicago, Ill.
Fowler Bottling Machine Co. ("Universal"), 124 White, New York
Haller, Joseph F., Chartiers & Oliff, Pittsburgh, Pa.
Henes & Keller Co., Menominee, Mich.
Kiefer Karl Machine Co., 919 Martin, Cincinnati, Ohio
Liquid Carbonic Co. ("Monarch" Cam Lift Rotary), 3100 S Kenzie av, Chicago, Ill.
Maryland Filling Mach. Co., 336 Guilford av, Baltimore, Md.
Rice & Adams (Milk), Buffalo, N. Y.
Standard Automatic Machine Co. (Filling & Corking, Filling & Screw Capping), Rochester, N. Y.
U. S. Bottlers' Machy. Co. ("Perfection," "Improved Louisville," "Whitton," Hand), 1033 W Lake, Chicago, Ill.

7844—Bottle Rinsing Machines

U. S. Bottlers' Machinery Co., 1033 W Lake, Chicago, Ill.
VILTER MFG. CO., 1046 Clinton, Milwaukee, Wis. *See adv index at end of book*

7845—Bottle Sealing Machines

Crown Cork & Seal Co., 1511 Guilford av, Baltimore, Md.
Gutmann Ferdinand Co., 134 W 29th, New York
Modern Machinery Co., Wilmington, Del.
Star Seal Co., 30 Church, New York
Sterling Cork & Seal Co., Hawthorne, Toledo, Ohio

7846—Bottle Washing & Soaking Machines

Arrow Bottlers Machinery Co. (Rotary), 17 N La Salle, Chicago, Ill.
Bailey Engine Co., Lima, N. Y.
Barry-Wehmiller Machinery Co. ("National"), 6501 Florissant, St. Louis, Mo.
Gallagher Mfg. Co., Lynn, Mass.
Haller Joseph F., Chartiers & Oliff, Pittsburgh, Pa.
Henes & Keller Co. (Revolving), Menominee, Mich.
Hoyt Bros. & Co., Lynn, Mass.
Jones Frank L. (Milk), Utica, N. Y.
Kiefer Karl Machine Co., 919 Martin, Cincinnati, O.
Loew Mfg. Co. ("Economic," "Hydropressure" & "Rotary Hydros" Soaker), 9100 Madison av N W, Cleveland, O.
Magnus A. Sons Co., 327 W. Randolph, Chicago, Ill.
Modern Machinery Co., Wilmington, Del.
Rice & Adams (Milk), Buffalo, N. Y.
20th Century Machinery Co., Nat'l Bank bldg, Milwaukee, Wis.
Universal Machine Works, 1060 Germantown, Phila., Pa.
Wenzell S. S. Machine Co. ("Eick" Washing & Rinsing), 50th & Parkside av, Phila., Pa.

7847—Bottle Wiring Machines

Boston Bottle Wiring & Labeling Co., (Hand Wiring), 28 Wormwood, Boston, Mass.

7848—Bottlers' Machinery & Supplies

See also Brewers' & Malsters' Machinery & Supplies; also Pitching Machines

Aetna Bottle & Stopper Co. (Bottle Stoppers, etc), 54 Peck, Providence, R. I.
American Soda Fountain Co., 282 Congress, Boston, Mass.
Barry-Wehmiller Machinery Co., 6501 Florissant, St. Louis, Mo.
Bernardin Bottle Cap Co. (Metallic Bottle Caps, "Cyclone" Soda Neck Wires & Beer Stoppers), Evansville, Ind.
Bishop-Babcock-Becker Co. ("Eureka" Beer Bottling Machines, etc), Cleveland, O.
Blue Seal Supply Co., 12 Port, Boston, Mass.
Buddle & Westermann, 7th av & 29th, New York
Chain Belt Co., Milwaukee, Wis.
Columbia Machine & Stopper Corp. (Automatic Crowning Machines & Bottle Closures), 414 W 38th, New York
Crown Cork & Seal Co. (Openers, Seals, Bottle Stoppers, etc), 1511 Guilford av, Baltimore, Md.
Federal Brass Works, 3100 S Kedzie, Chicago, Ill.
Frankel Max Co. (Bottlers' Supplies, Corks, etc), 290 Pearl, New York
Henes & Keller Co. (Bottle Fillers, Air Regulators, etc), Menominee, Mich.
Kiefer Karl Machine Co., 919 Martin, Cincinnati, O.
Kiewert Chas. L. Co., 114 Huron, Milwaukee, Wis.
Ladewig & Stock Co. (Soaking Machines, Outside Bottle Scrubbers, Hydro Pneumatic Internal Washers, Bottle Solution, Conveyors, Combination Solution, Rinsers & Conveyors, Pasteurizers), Waukesha, Wis.
Leffler Chas. & Co. ("Lightning"), 59 Clymer, Brooklyn, N. Y.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

BOTTLERS MACHINERY & SUPPLIES—continued

Magnus A. Sons Co., 327 W Randolph, Chicago, Ill.
Modern Machinery Co., Wilmington, Del.
U. S. Bottlers' Machinery Co., 1033 W Lake, Chicago, Ill.
VILTER MFG. CO., 1046 Clinton, Milwaukee, Wis.
See adv index at end of book
Wittemann Bros. (Specialties), 41 Ferris, Brooklyn, N. Y.
Zoller Chas. Co., 211 E 94th, New York

7849—Box Blocker Machines

Fischer Machine Works ("Fischer's" Double,) 1845 Carroll av, Chicago, Ill.

7850—Box Board Grooving Machines

Chase Turbine Mfg. Co. (Automatic), Orange, Mass.
Morgan Machine Co., Rochester, N. Y.
Pollard C. A. Co., Newfields, N. H.

7851— Box Board Machines

Beloit Iron Works, Beloit, Wis.
Bentel & Margedant Co., Hamilton, O.
Carver Cotton Gin Co., East Bridgewater, Mass.
Challoner Co., Oshkosh, Wis.
Gerlach Peter Co. ("Jumbo"), 1712 Winter, Clevelatnd, O.
Humphrey Machine Co., Keene, N. H.
Linderman Machine Co., Muskegon, Mich.
Moore & White Co., N 15th & Lehigh av, Phila., Pa.
Murray D. J. Mfg. Co., Wausau, Wis.
Yates P. B. Machine Co., Beloit, Wis.

7852—Box Board Matching Machines

American Woodworking Machinery Co., Rochester, N. Y.
Chase Tubine Mfg. Co., Orange, Mass.
Connell & Dengler Machine Co., Rochester, N. Y.
Fischer Machine Works (Single & Double Color), 1845 Carroll av, Chicago, Ill.
Hall & Brown Woodworking Machine Co., 1913 N B'way, St. Louis, Mo.
Linderman Machine Co., Muskegon, Mich.
Luther B. G. Co., Worcester, Mass.
Morgan Machine Co., Rochester, N. Y.
National Woodworking Machine Co., Dover, N. H.
Stevens C. H. (Est. of), Winooski, Vt.
Yates P. B. Machine Co., Beloit, Wis.

7853—Box Board Printing Machines

Boston Printing Press & Machinery Co. ("Prouty"), East Bridgewater, Mass.
Connell & Dengler Machine Co. (One, Two & Three Colors), Rochester, N. Y.
Cross Press & Sign Co., 1508 Dayton, Chicago, Ill.
Fischer Machine Works (Cross, Single & Double Color), 1845 Carroll av, Chicago, Ill.
Grammes L. F. & Sons (Cigar Box, etc), Allentown, Pa.
See adv index at end of book
Hall & Brown Woodworking Machine Co., 1913 N B'way, St. Louis, Mo.
Hooper F. X. Co. (Multi-Color), Glenarm, Md.
Morgan Machine Co. (One to Three Colors), Rochester, N. Y.

7854-5—Box Board Sawing & Finishing Machines

American Wood Working Machy. Co., Rochester, N. Y.
Badger State Machine Co., Janesville, Wis.
Hobbs Mfg. Co., Worcester, Mass.

Box Cleating Machines

See Box Nailing & Cleating Machines

7856—Box Hand Hole Cutting Machines

Chase Turbine Mfg. Co., Orange, Mass.
Fischer Machine Works (Automatic), 1845 Carroll av, Chicago, Ill.

7857—Box Handle Machines

Smith & Phillips Mfg. Co., 1008 W Madison, Chicago, Ill.

7858—Box Hinging Machines

General Package Co., 99 Warren, New York
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book

7859—Box Makers' Machinery

American Woodworking Machinery Co., Rochester, N. Y.
Bentel & Margedant Co., Hamilton, O.
Burgess Machine Co. (Nailing, Trimming, etc), New Haven, Conn.
Chase Turbine Mfg. Co. (Crate), Orange, Mass.
Connell & Dengler Machine Co., Rochester, N. Y.
Cordesman Rechtin Co., Butler, Cincinnati, Ohio
Defiance Mach. Wks. (Crate), Defiance, O.
Fay J. A. & Egan Co., Cincinnati, O.
Garland M. Co. (Box Board, etc), Bay City, Mich.
Grammes, L. F. & Sons (Cigar & Wooden), Allentown, Pa.
See adv index at end of book
Hall & Brown Woodworking Machine Co., 1913 N B'way, St. Louis, Mo.
Heath, W. A. Machine Co., Lestershire, N. Y.
Hemingway Machine Co. (Sizing, Saw, etc.), Lynn, Mass.
Humphrey Machine Co., Keene, N. H.
Jones Superior Machine Co., 1264 W North av, Chicago, Ill.
Linderman Machine Co., Muskegon, Mich.
Luster-Jordan Co., Inc., Finance bldg, Phila., Pa.
Luther B. G. Co., Worcester, Mass.
Morgan Machine Co., Rochester, N. Y.
National Woodworking Machine Co., Dover, N. H.
Power, L. C., 20 S 23, Phila, Pa.
St. Paul Machinery Mfg. Co. (Dovetail Box Machines), Como & Marion, St. Paul, Minn.
Smith, H. B. Machine Co., Smithville, N. J.
Strange, Chas. E., Taunton, Mass.
Wirebounds Corp. (Wire Bound), 111 W Washington, Chicago, Ill.
Woods S. A. Mach. Co. ("The Planers of Woods"), Boston, Mass.
Yates P. B. Machine Co., Beloit, Wis.

7860—Box Nail Feeding Machines

Doig, Wm. S. (Est. of) (Automatic), 54 Franklin, Brooklyn, N. Y.
Grammes, L. F. & Sons, Allentown, Pa.
See adv index at end of book

7861—Box Nailing & Cleating Machines

Burgess Machine Co., New Haven, Conn.
Doig Wm. S. (Est. of), (also Double Decker Nailing & Cleating), 54 Franklin, Brooklyn, N. Y.
Grammes, L. F. & Sons (Upright Power for Light & Medium Boxes, Brushes, Toys, Screens, Cabinets, etc), Allentown, Pa.
See adv index at end of book
Morgan Machine Co., Rochester, N. Y.
Parker, Geo. D., Riverside, Cal.

7862— Box Shook Machinery

See also Box Makers' Machinery

Chapman's T. M. Sons Co., Old Town, Maine.
Luster-Jordan Co., Inc., Finance bldg, Phila., Pa.
Morgan Machine Co. (Shook Splicer), Rochester, N. Y.

7862a—Box Shook Tying Machinery

Gerrard Wire Tying Machine Co., 77 Warren, New York

Box Stapling Machines

See Wire Stapling Machinery

7863—Box Strapping Machines

Doig, Wm. S. (Est. of) (Beer Box), 54 Franklin, Brooklyn, N. Y.
Gerrard Wire Tying Machine Co., 77 Warren, New York
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Twisted Wire & Steel Co., 437 11th av, New York

7864-5—Box Trimming Machines

Burgess Machine Co., New Haven, Conn.
Fischer Machine Works (Double Box Blocker),1845 Carroll av, Chicago, Ill.
Grammes, L. F. & Sons, Allentown, Pa.
See adv index at end of book
Luster-Jordan Co., Inc., Finance bldg, Phila., Pa.
Morgan Machine Co., Rochester, N. Y.

7866— Brace Head Machines

Bradley, H. C. (For Wood Heads), Bridgeport, Conn.

7867— Braiding Machines

Eastwood, Benj. Co., Paterson, N. J.
New England Butt Co., 304 Pearl, Providence, R. I.
Rhode Island Braiding Machine Co., 228 Aborn, Providence, R. I.
Textile Machine Works, Reading, Pa.

7868—Braiding Machines (Packing)

Rhode Island Braiding Machine Co., 228 Aborn, Providence, R. I.

7869—Branding Machines (Barrel)

Cleveland Brewers Supply Co. ("Waibel's" Rapid Brander), 1506 W 25th, Cleveland, O.
Eureka Machine Co., Cleveland, O.

7870—Brass Sawing Machines

Griswold Geo. M. Machine Co., New Haven, Conn.

7871—Brass & Copper Rolling Mill Machinery

Farrel Foundry & Machine Co., Ansonia, Conn.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Philadelphia Roll & Machine Co., 23d & Washington av, Phila., Pa.
ROCKWELL W. S. CO. (Complete Melting & Annealing Equipment; Oil, Coal or Gas Fuel), 50 Church, New York
See adv index at end of book
Torrington Mfg. Co., Torrington, Conn.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

7872— Brazing Machines

Clayton & Lambert Mfg. Co. (Bicycle & Automobile), 205 Piquette av, E. Detroit, Mich.

7873—Brazing Machines (Band Saw)

Ambler Saw Mfg. Co., Natick, Mass.
American Woodworking Machinery Co., Rochester, N. Y.
Atkins E. C. & Co., Indianapolis, Ind.
Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Black Diamond Saw & Machine Works, Natick, Mass.
Filer & Stowell Co., Milwaukee, Wis.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Rogers Samuel C. & Co., 10 Lock, Buffalo, N. Y.
Wright Chas. E. Co., Kenilworth, N. J.

7874—Bread Crumbing Machines

Goodell Co. ("Lee"), Antrim, N. H.

7875—Brewers' & Maltsters' Machinery & Supplies

See also Bottlers' Machinery & Supplies; also Ice & Refrigerating Machinery; also Elevating & Conveying Machinery; also Heaters, Feed Water
A. B. & B. Specialty Co., 3300 Fond du Lac av, Milwaukee, Wis.
American Antiformin Co. ("Antiformin"), 38 Water, New York
American Brass Mfg. Co., Inc. (Brewers' Supplies), 731 Folsom, San Francisco, Cal.
American Machinery & Construction Co., 103 W Water, Milwaukee, Wis.
Aue Ferdinand Co., 401 E 91st, New York
Bishopric Products Co. (Inc.), ("Bishopric's Sanite Mastic"), Spring Grove & Este av, Pitch, Cincinnati, O.

Brewing Appliance Specialty Co. ("Perfection" Tapping Devices), Hartford, Conn.
Cleveland Brewers' Supply Co., 1506 W 25th, Cleveland, O.
Danner Adam Co. (Keg Sprinklers, Keg Conveyors, Power Shaving Washers), Yonkers, N. Y.
Deckebach F. C. Sons Co. (Cooling Apparatus, etc.), 123 W Court, Cincinnati, O.
Dundon's Iron Works, 225 Folsom, San Francisco, Cal.
Eureka Machine Co. (Pitch Spraying Apparatus, etc.), Cleveland, O.
Girard Iron Works (Cask Rests, Vat Supporters, Hose Passers, etc.), 22d & Master, Phila, Pa.
Golden Gate Mfg. Co. ("Golden Gate" Lager Beer Valves & Racking Apparatus), 9 Desbrosses, New York
Hersey Mfg. Co. (Thermo-Pneumatic Malting Apparatus), 314 W 2d, S Boston, Mass.
Heyman N. H. (Keg-Scrubbing, Sprinkling Machines, etc), 438 E 59th, New York
Hirsh & Schofield (Brewers' Supplies), 50 Broad, New York
Hoffman-Ahlers Co. (Brewery Kettles, False Bottom, Wash Tubs, Cookers, etc.), 828 E Pearl, Cincinnati, O.
Jacobowitz Chas. S., 1208 West av, Buffalo, N. Y.
Kaestner & Hecht Co. (Inc.) (Grain Removers, Mashing Machines, Pitching Machines, Malt Mills, etc), 500 Throop, Chicago, Ill.
Keller Robert ("Nonpariel" Stamp Paste & Isinglass, etc.), 334 N 3d, Phila., Pa.
Kiewert Chas. L. Co., 114 Huron, Milwaukee, Wis.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Laubenheimer Geo. E. Co. (Brew. Kettles, Beer Coolers, etc.), 17 N La Salle, Chicago, Ill.
Liquid Carbonic Co., 3100 S Kedzie av, Chicago, Ill.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Loew Mfg. Co. ("Loco Magic" Purifier), 9100 Madison av N W, Cleveland, O.
Mark Mfg. Co., Evanston, Ill.
Milwaukee Brewers' Specialty Co. ("Milwaukee" Steaming Tray), 1919 St. Paul av, Milwaukee, Wis.
Northwestern Copper & Brass Works, 59 W 3d, St. Paul, Minn.
Olsen & Tilgner Mfg. Co. (Mash Machines, Non-Explosive Malt Mills, Keg & Barrel Scrubbers, Shaving Washers, Filter-Mass Washers, Keg & Barrel Rinsers, etc), 2280 Elston av, Chicago, Ill.
Prinz & Rau Mfg. Co. (Barley Graders & Separators), 659 E Water, Milwaukee, Wis.
Rach Dr. Carl (Cookers, Presses, Caramelizers, etc.), 203 B'way, New York
Rauh Robert (Keg Washers), 310 Elizabeth av, Newark, N. J.
Roos' August Sons (Fire Kettles, Fold Bottoms, Beer Coolers, etc), 429 E 91st, New York
Saladin Pneumatic Malting Construction Co. (Pneumatic Malting Plants), 24 N Clinton, Chicago, Ill.
San Francisco Mill Furnishing Co. (Malt Rolls & Cleaners), 521 7th, San Francisco, Cal.
Seibel-Suessdorf Cooper & Iron Mfg Co. (Barrel Washers, Isinglass Mixers, Beer Coolers, etc), c 2d & Lombard, St. Louis, Mo.
Selg Brewery Apparatus Co. (Fermenters, Washing Apparatus, etc), 1322 No. 5th, Phila., Pa.
Stiefel Geo. Co. (Specialties), 4651 Gross av, Chicago, Ill.
Toepfer W. & Sons Co., 80 Menomonee, Milwaukee, Wis.
Torchianai H., 140 N Dearborn, Chicago, Ill.
20th Century Machinery Co., Natl. Bank bldg, Milwaukee, Wis.
Wittemann Bros., 41 Ferris, Brooklyn, N. Y.
Zahm Mfg. Co., 79 E Jewett av, Buffalo, N. Y.
Zobler Otto Mfg. Co. (Kettles, Coolers, etc.), 336 N Oakley blvd, Chicago, Ill.

7876— Briar Pipe Machinery

Leffler Chas. & Co., 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*

7877—Brick Cutting Machinery

American Clay Machinery Co. (Automatic), S Walnut, Bucyrus, O.
Anderson Foundry & Machine Works, Anderson, Ind.
Bonnot Co. (Rotary Automatic), Canton, Ohio
Brewer H. & Co. (Rotary Automatic), Tecumseh, Mich.
Chambers Bros. Co., 52d below Lancaster av, Phila., Pa.
Fate J. D. Co. ("Bensing," Automatic), Plymouth, O.
Freese E. M. & Co., Galion, O.
International Clay Machinery Co., Dayton, Ohio
Marion Machine Foundry & Supply Co. ("Marion"), Marion, Ind.
Steele J. C. & Sons (Automatic), Statesville, N. C.
Wallace Mfg. Co. (Rotary Automatic, End Cutter, etc), Frankfort, Ind.

7878—Brick Machinery (Soft Mud)

Anderson Foundry & Machine Works, Anderson, Ind.
BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
International Clay Machinery Co., Dayton, Ohio
Wellington Machine Co., Wellington, O.

Brick Machinery & Supplies

See the Specific Article Required

7879—*Brick Making Machinery

AMERICAN CLAY MACHINERY CO., S Walnut, Bucyrus, O.
Carlin John H. Machine Co., Pittsburgh, Pa.
Jackson & Church Co., Saginaw, Mich.
Leary W. J. Mfg. Co., 411 Rhode Island, Buffalo, N. Y.

7880—Brick Mould Sanding Machines

American Clay Machinery Co., S Walnut, Bucyrus, O.
Cohoes Iron Foundry & Mach. Co., Cohoes, N. Y.
Potts C. & A. & Co., Indianapolis, Ind.
Waldron Chas. ("Champion"), Haverstraw, N. Y.
Wellington Machine Co., Wellington, O.

7881— Brick Press Machines

Anderson Foundry & Machine Works ("Berg," Dry Press, etc), Anderson, Ind.
Arnold-Creager Co. (Re-press), New London, O.
Bonnot Co. (Stiff & Plastic), Canton, O.
Brewer H. & Co,. Tecumseh, Mich.
Buckeye Engine & Foundry Co., Joliet, Ill.
Carnell Geo. (Est. of) (Fire & Red), 1819 N 5th, Phila., Pa.
Chambers Bros. Co. (Re-pressed, etc), 52d, below Lancaster av, Phila., Pa.
Chicago Brick Machinery Co. ("Elwood"), 20 W Jackson blvd, Chicago, Ill.
Chisholm, Boyd & White Co. ("Boyd," Dry Press), 57th & Wallace, Chicago, Ill.
Clearfield Machine Shops (Fire Brick), Clearfield, Pa.
Craycroft & Son, Vandalia, Ill.
CROSSLEY MACHINE CO., State & Chestnut av, Trenton, N. J.
See adv index at end of book
Eastern Machinery Co. ("New Haven"), New Haven, Conn.
Excelsior Tool & Machine Co., 32d & Ridge, E St. Louis, Ill.
Fate J. D. Co., Plymouth, O.
Fernholtz Brick Machinery Co., Boyle & Vandeventer av, St. Louis, Mo.
Freese E. M. & Co., Galion, O.
Illinois Supply & Construction Co. ("Grath"), St. Louis, Mo.
International Clay Machinery Co., Dayton, O.
Jackson & Church Co., Saginaw, Mich.
Mueller Machine Co. (Hilmar Mueller, Prop.), Trenton, N. J.
Punxsutawney Foundry & Machine Co. (For Fire Brick), Punxsutawney, Pa.
Reliance Mach. & Tool Works, Channing & Franklin av, St. Louis, Mo.
Simpson Bros. (Fire Brick), Portsmouth, Ohio
Stearns Co. (Sand Lime & Clay), Erie, Pa.
Steele J. C. & Sons, (Represses), Statesville, N. C.
United Iron Works Co., Kansas City, Mo.
Wallace Mfg. Co., Frankfort, Ind.
Wellington Machine Co., Wellington, O.
Wenger Geo. Machinery & Supplies Mfg. Co. (Dry Press, Stiff Mud, etc), St. Louis, Mo.
Wiles A. M. & W. H. Co., Grassy Point, N. Y.

Brick Press Machines (Sand Lime)

See Sand Lime-Brick Machines

Brick Sanding Machines

See Brick Mould Sanding Machines

7882—Brick Setting Machinery

American Clay Machinery Co., S Walnut, Bucyrus, O.

7883—Brick Sizing Machines

American Clay Machinery Co., S Walnut, Bucyrus, O.

7884—Bridge Machinery for Bascule Bridges

Earle Gear & Machine Co., Stenton & Wyoming avs, Phila., Pa.
Fawcus Machine Co., 1st Nat. Bk. bldg, Pittsburgh, Pa.
See adv index at end of book

Bridge Operating Machinery

See Draw Bridge Machinery

7885—Briquetting Machinery

American Clay Machinery Co. (Ore & Flue Dust), S Walnut, Bucyrus, O.
Atlas Engineering Co., Amherst, O.
See adv index at end of book
Chisholm, Boyd & White Co., 57th & Wallace, Chicago, Ill.
Elmes Chas. F. Engng. Works, Inc. (Presses), cor. Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
Excelsior Tool & Machine Co., 32d & Ridge, E St. Louis, Ill.
General Briquetting Co. (Coal), 25 Broad, New York
Hydraulic Press Mfg. Co., Mount Gilead, O
Malcolmson Briquet Engineering Co. (Coal), Old Colony bldg, Chicago, Ill.
Mashek Engineering Co. (Coal, etc), 90 West, New York
Morgan Engineering Co. (Coal), Alliance, O. *See adv index at end of book*
Olsen Tinius Testing Machine Co. (Moulding Machines), 500 N 12th, Phila., Pa.
Stokes F. J. Machine Co. (Presses & Compressors), 17th & Cambria, Phila., Pa.
Traylor Engineering & Mfg. Co. (Coal, etc.), Allentown, Pa.

7886— Broaching Machines

Burr John T. & Son, 429 Kent av, Bklyn, N. Y.
Lapointe J. N. Co., New London, Conn.
Lapointe Machine Tool Co. (& Tools), Hudson, Mass.
Pawtucket Mfg. Co., Pawtucket, R. I.
Prentiss Henry & Co. Inc. (Formerly Prentiss Tool & Supply Co., 149 B'way, New York *See adv index at end of book*

7887—Bronze Powder Machines

Muench Geo., Stamford, Conn.

7888— Bronzing Machines

Fuchs & Lang Mfg. Co., 119 W 40th, N. Y.
Mayer Robt. & Co., 461 8th av, New York
United Printing Machinery Co., 100 Sumner, Boston, Mass.

7889—Broom Handle Machinery

Defiance Machine Works, Defiance, O.
Fay J. A. & Egan Co., Cincinnati, O.
Kline Lewis T., Alpena, Mich.
Ober Mfg. Co., Chagrin Falls, O.

7890— Broom Machinery

See also Sewing Machines, Broom

Cassard Hamilton, Holliday & Pleasant, Baltimore, Md.
Des Moines Broom Co. (Trimming Machines), Des Moines, Ia.
Genesee Valley Mfg. Co., Mount Morris, N. Y.
Liebig Wm. & Co., 96 Leland, Detroit, Mich.
Walrath Alphonse Co., Fort Plain, N. Y.

7891—Brush Machinery & Tools

Duffy John J., Waterford, N. Y.
Grammes L. F. & Sons (Nailing, etc), Allentown, Pa. *See adv index at end of book*
Liebig Wm. & Co., 96 Leland, Detroit,
Pickering Mfg. Co.. 228 S 4th Phila., Pa.

7892— Buckle Machinery

Baird Machine Co. (Wire, Automatic), Bridgeport, Conn.
Manville E. J. Machine Co., Waterbury, Conn.
Nilson A. H. Machine Co. (Automatic), Bridgeport, Conn.
SHUSTER F. B. CO. (Automatic Tongue), Cedar Hills, New Haven, Conn.
See adv index at end of book
Special Machinery Co. (Automatic Buckle Wire), Bridgeport, Conn.

7893—Buckle Tongue Machines Automatic)

Nilson A. H. Machine Co., Bridgeport, Conn.
SHUSTER F. B. CO. (Automatic), Cedar Hills, New Haven, Conn.
See adv index at end of book

7894—Buckwheat Machinery

Howes S. Co. (Polishers, Hullers & Cleaners), Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor" Polishers, Hullers, Cleaners), Silver Creek, N. Y.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Wolf Co. (Shucking Machines, etc.), Chambersburg, Pa.

7895—Buffing Machines (Enameled Brick)

American Clay Machinery Co., S Walnut, Bucyrus, O.

7896—Buffing Machines (Shoe)

Donnelly Machine Co. ("Gilmore"), Brockton, Mass.
Naumkeag Buffing Machine Co., Beverly, Mass.

Buffing & Polishing Machines

See Lathes, Buffing & Polishing

Building Block Machinery

See Clay Building Block Machinery; also Concrete Building Block Machinery

7897—Bulldozer or Bending Machines

See also Forging Machines

Ajax Mfg. Co., Cleveland, O.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Lourie Mfg. Co., Springfield, Ill.
Rock River Machine Co. ("Badger" Bulldozers), Janesville, Wis.
WATSON-STILLMAN CO. (Hydraulic Bulldozer), 38 Church, New York
See adv index at end of book
Williams, White & Co., Moline, Ill.

7898—Bundling Machines (Box Shooks & Floorings)

Lowry Robt C. & Co., 23 Beaver, New York

7899-900—Bung Boring Machines

See also Borers, Bung Hole

Holmes E. & B. Machinery Co. ("Holmes" Boring & Bush Setting), Buffalo, N. Y.
Oram John S. Co., Cleveland, O.

Bung Branding Machines

See Branding Machines, Barrel

7901— Burnishing Machines

See also Polishing Machines

ABBOTT BALL CO., ("Abbott"), Elmwood Station, Hartford, Conn.
See adv index at end of book
American Laundry Machinery Co. (Silverware), Cincinnati, O.
Astle H. J. & Co. ("Boland"), 118 Orange, Providence, R. I.
Baird Machine Co., Bridgeport, Conn.

Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
No-Dust Drying Machine Co. ("No-Dust"), 157 Dorrance, Providence, R. I.
Smith, Richardson Co. ("Imperial"), Attleboro, Mass.
Tahara Co. ("Tahara" Silver), Glenwood & N. Amer., Phila., Pa.

7902— Bushing Machines

Pottstown Machine Co. (Automatic, for Bushings & Plugs), Pottstown, Pa.

7903—Butchers' Machinery & Supplies

See also Specific Article Desired

Adt John B. Co. (Fat Cutting Devices), 340 No Holliday, Baltimore, Md.
Brecht Co., 1201 Cass av, St. Louis, Mo.
Chatillon Jno. & Sons, 85 Cliff, New York
Christy Knife Co. (Family Cleaners), Fremont, O.
Cincinnati Butchers' Supply Co., 2008 Central av, Cincinnati, O.
Daemicke Paul J. Co., 321 W South Water, Chicago, Ill.
Farwell Ozmun Kirk & Co., St. Paul, Minn.
Fay J. A. & Egan Co., Cincinnati, O.
Gloekler Bernard Co., 1127 Penn av, Pittsburgh, Pa.
Murray Iron Works Co., Burlington, Ia.
Northey Mfg. Co., Waterloo, Ia.
O'Brien Jas. H. Scale & Supply Co., 313 Ellery, Brooklyn, N. Y.
Probeck P. J. Co., 2339 E 4th, Cleveland, O.
Schmidt C. Co., Livingston & John, Cincinnati, O.
Schwenger-Klein Co., 515 Woodland av, Cleveland, O.
Silver Mfg. Co. (& Supplies, Lard Presses & Ham Pumps, "Wagner" Sausage Stuffers, etc), Salem, O.
Smith H. B. Machine Co., Smithville, N. J.
Smith's John E. Sons Co. (Meat Choppers, Steam Kettles, Lard Mixers, etc.), Buffalo, N. Y.
Stevens Benj. A. Co., Toledo, O.
U. S. Sanitary Effluents Separating Apparatus (Grease Separators for Meat Packers), 35 Nassau, New York
Wolf, Sayer & Heller, Fulton & Peoria, Chicago, Ill.

7904—Butchers' Saw Punching Machines

Nichols Bros., Greenfield, Mass.

7905—Butchers' Skewer Machinery

Fay J. A. & Egan Co., Cincinnati, O.
Smith H. B. Machine Co., Smithville, N. J.

7906—Butt Drilling & Milling Machines

SHUSTER F. B. CO., Cedar Hills, New Haven, Conn. *See adv index at end of book*

7907—Butter Dish Machinery

Defiance Machine Works, Defiance, O.
Saranac Machine Co. (Automatic & Stapling Machinery), Benton Harbor, Mich.
Titus E. E., Petersburg, Va.

7908—Butter Printing & Cutting Machines

American Butter Cutting Machine Co. ("Stewart"), Elmsford, N. Y.
Burrell D. H. & Co. ("American" "Standard" & "Friday"), Little Falls, N. Y.
Cleveland Faucet Co. ("Elgin" Butter Cutter), Cleveland, O.
Glidden Mfg. Co. (Automatic Individual Butter Cutter), Beverly, Mass.
Rochester Monetor Co. ("Monetor"), 89 Allen, Rochester, N. Y.

Butter Tub Machinery

See Tub & Pail Machinery

7909— Button Machinery

Barry Co., Muscatine, Ia.
BLISS, E. W. CO., (Sheet Metal), 19 Adams, Brooklyn, N. Y.
See adv index at end of book
Defiance Button Machine Co. (Button Covering), 43 W 24th, New York
Draher John, Waterbury, Conn.
Grimes & Harris (Horn), Leominster, Mass.
Illinois Modern Button & Machine Co., 2407 W Ohio, Chicago, Ill.
MacCordy Button Machine Co., Amsterdam, N. Y.
Markels Leonard, 165 William, New York
Moore J. W. Machine Co., 592 E 1st, So. Boston, Mass.
Russell Jno. W. & Sons Co., Springfield, Mass.
Toledo Button Machine Co. (Button Fastening), 3440 Summit av, Toledo, O.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
Wendtland Wm., 51 Mercer, New York

7909a—*Button Machinery (Composition)

Werner & Pfleiderer Co., 1232 N Niagara, Saginaw, Mich.
See adv index at end of book

7910— Buttonhole Machines

Champion Button-Hole Machine Co., 641 Atlantic av, Boston, Mass.
Lufkin John W. & R. H., 38 Chardon, Boston, Mass.
Reece Buttonhole Machine Co., 502 Harrison av, Boston, Mass.
Singer Sewing Machine Co., 149 Broadway, New York
Standard Sewing Machine Co., 6402 Cedar av S E, Cleveland, Ohio
United Shoe Machinery Co. ("U. S. M. C."), Boston, Mass.

7911—Cabbage Machinery (Canners')

Chain Belt Co., Milwaukee, Wis.
Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

7912— Cabbaging Machines

Famous Mfg. Co. (Hand, for Brass Fdrs., etc.), East Chicago, Ind.

Cable Covering Machines

See Wire & Cable Covering Machinery

7913— *Cable Haulage Machinery

See also Engines, Haulage

CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

7914—Cabling & Armoring Machines

New England Butt Co., 304 Pearl, Providence, R. I.
Torrington Mfg. Co., Torrington, Conn.
Watson Machine Co., Paterson, N. J.

Calcined Plaster Machinery

See Gypsum Machinery

7915— Calculating Machines

See also Adding Machines

Bishop Calculating Recorder Co., 233 Broadway, New York
Calculator Corp. (Rapid), Grand Rapids, Mich.
Carlin Calculator Co., Chicago, Ill.
Cluley Multiplier Co., Green Bay, Wis.
Ensign Mfg. Co. (Electric), 19 Brook, Fanueili, Boston, Mass.
Fromm G. A. Radiation Calculators, 85 Hawthorn, B'klyn, N. Y.
Keuffel & Esser Co., Hoboken, N. J.
MARCHANT CALCULATING MACHINE CO., ("Marchant"), Oakland, Cal.
Mechanical Accountant Co., 17 Warren, Providence, R. I.
Meilicke Calculator Co., 350 N Clark, Chicago. Ill.
Monroe Calculating Machine Co., So. Orange, N. J.
Moody Calculator Co., 1723 Pacific av, Dallas, Tex.
Morschhauser W. A. ("Millionaire"), 1 Madison av, New York
Mulles Oscar Co., 32 B'way, New York
Reuter Carl H. ("Reuter," "Brunsviga" Multiplying & Dividing), Land Title bldg, Phila., Pa.
Triumphator Calculating Machine Co. ("Triumphator" Imp), 81 New, New York
Underwood Typewriter Co., 36 Vesey, New York

7916— Calendering Machines

Birmingham Iron Foundry (Board), Derby, Conn.
Black-Clawson Co., Hamilton, O.
Curtis & Marble Machine Co., Worcester, Mass.
Downington Mfg. Co., East Downington, Pa.
Farrel Foundry & Machine Co., Ansonia, Conn.
Holyoke Machine Co. (Breaker, Friction, Web, etc), Holyoke, Mass.
Kilburn, Lincoln Machine Co., Fall River, Mass.
Lindner & Vradenburgh, 239 Centre, New York
Lobdell Car Wheel Co. (For Rubber, Paper & Fibre), G nr Christiana, Wilmington, Del.
Norwood Engineering Co. (Breaker, Friction Web, Glassine, Sheet & Platers), Florence, Mass.
Poole Engineering & Machine Co., Woodberry Sta., Baltimore, Md.
Rice, Barton & Fales Machine & Iron Co., Worcester, Mass.
Terhune J. I. Machine Works, Paterson, N. J.
Textile Finishing Machinery Co. (Pressure & Friction), 171 Westminister, Providence, R. I.
Waldron John Co. (For Paper Mills), New Brunswick, N. J.

7917— Calipering Machines

Rogers Jno. M. Works, Gloucester City, N. J.

7918— Calking Machines

Erie Toe Calk Machine Co., Erie, Pa.
L. S. P. Calking Machine Co. (For Horseshoers), Wyalusing, Pa.

7919—Cam Cutting Machines

Erie Toe Calk Machine Co. ("Erie Heel"), Erie, Pa.
Fay Machine Tool Co. ('Fay" Automatic), 2d & Glenwood av, Phila., Pa.
Garvin Machine Co., 147 Varick, New York
Rowbottom Machine Co. ("Rowbottom Universal), Waterville, Conn.
Standard Machinery Co., Providence, R. I.

7920— Cambering Machines

Mackintosh, Hemphill & Co. (For Rails), Pittsburgh, Pa.

7921—Can Beading Machines

See also Crimping & Beading Machines

Ams Max Machine Co. ("Ams"), Bridgeport, Conn.
BLISS E. W. & CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book
Slaysman & Co., c Pratt & President, Baltimore, Md.
Stecher Chas. Co., 1580 Crossing, Chicago, Ill.
Wold, Torris & Co., 240 N Ashland av,, Chicago, Ill.

7922—Can Beading & Flanging Machines

Adriance Machine Works, 80 Richards, Brooklyn, N. Y.
Ams Max Machine Co. ("Ams"), Bridgeport, Conn.
Wold, Torris & Co., 240 N Ashland av,, Chicago, Ill.

7923—Can Body Forming Machines

Adriance Mach. Works, 80 Richards, Brooklyn, N. Y.
AMERICAN CAN CO. (Machinery Department), Monroe bldg, Chicago, Ill. *See adv index at end of book*
Ams Max Machine Co. ("Ams"), Bridgeport, Conn.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
McDonald Machine Co. (Automatic), 3207 Shields av, Chicago, Ill.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*
Slaysman & Co., c Pratt & President, Baltimore, Md.
Stecher Chas. Co. (Automatic Lock, Steam, etc), 1580 Crossing, Chicago, Ill.
Stevenson & Co., 607 S Caroline, Baltimore, Md.
Wold, Torris & Co., 240 N Ashland av, Chicago, Ill.

7924— Can Boxing Machines

Sprague Canning Machinery Co. (For Canners), 222 N Wabash av, Chicago, Ill.

7925—Can Burnishing Machines

Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.

7926—Can Capping Machines

Adriance Machine Wks., 80 Richards, Brooklyn, N. Y.
Allbright-Neil Co. (Six Spindles for Packers, etc), 5323 Western blvd, Chicago, Ill.
AMERICAN CAN CO. (Mach'y Dept.), Monroe bldg, Chicago, Ill.
See adv index at end of book
Ams Max Machine Co. (Power), ("Ams"), Bridgeport, Conn.
Ayars Machine Co. (Hand & Power), Salem, N. J.
Brecht Co. (For Meat Packers), 1201 Cass av, St. Louis, Mo.
Jones John T. Sons, 734 E Lombard, Baltimore, Md.
Robins A. K. & Co. (Hand), 116 Market Place, Baltimore, Md.
Sprague Canning Machinery Co. (For Canners), 222 N Wabash av, Chicago, Ill.
Stecher Chas. Co. (Automatic Lock, Steam, etc), 1580 Crossing, Chicago, Ill.
Steward L. & J. A. (Power), Rutland, Vt.
Vance & Baker Mfg. Co., Muscatine, Ia.
Wold, Torris & Co., 240 N Ashland av, Chicago, Ill.

7927—Can Cleaning & Washing Machines

Koven L. O. & Bros., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Seattle-Astoria Iron W'ks (For Salmon Canneries, etc.), Seattle, Wash.

7928— Can Closing Machines

Adriance Machine Works, 80 Richards, Brooklyn, N. Y.
AMERICAN CAN CO. (Machy Dept.), (For Friction Top Cans), Monroe bldg, Chicago, Ill.
See adv index at end of book
Ams Max Machine Co. ("Ams"), Bridgeport, Conn.
Continental Can Co., Syracuse, N. Y.
Sanitary Can Co., 120 B'way, New York
Seattle-Astoria Iron W'ks (For Sanitary Cans), Seattle, Wash.
Stecher Chas. Co. (Sanitary), 1580 Crossing, Chicago, Ill.
Westchester Mach. Co., Mt. Vernon, N. Y.

7929—Can Crimping Machines

Adriance Machine Works, 80 Richards, Brooklyn, N. Y.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Brecht Co., 1201 Cass av, St. Louis, Mo.
Lewis E. J., Middleport, N. Y.
Slaysman & Co., cor Pratt & President, Baltimore, Md.
Stecher Chas. Co., 1580 Crossing, Chicago, Ill.
Westchester Mach. Co., Mt. Vernon, N. Y.
Wold, Torris & Co., 240 N Ashland av, Chicago, Ill.

Can Earing Machines

See Soldering or Fusing Machines, Ear.

7930— Can Filling Machines

Ayars Machine Co. ("King" or "Stevens" for Tomatoes, Peas, etc), Salem, N. J.
Climax Machinery Co. ("Climax" Automatic for Milk), Indianapolis, Ind.
Day J. H. Co., Cincinnati, O.
Haller Joseph F., Chartiers & Oliff, Pittsburgh, Pa.
Howes S. Co. ("Eureka"), Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor" for String Beans, Apples, Vegetables, etc.), Silver Creek, N. Y.
Johnson Paul S., 1906 E 93d, Cleveland, O.
Phelps Can Co. (Vent Hole Filling Machines), ft of Lawrence, Baltimore, Md.
Pneumatic Scale Corp., Norfolk Downs, Mass.
Rice & Adams (Milk), Buffalo, N, Y.
Robins A. K. & Co. (Tomato, etc), 116 Market place, Baltimore, Md.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
Seattle-Astoria Iron Works, ("Jensen's" for Salmon Canneries), Seattle, Wash.
Sinclair-Scott Co. (Pea Filler), Wells & Patapsco, Baltimore, Md.
Sprague Canning Machinery Co. ("Moore & Bristol's," "Colbert," "Jersey Queen," "Stevens' King," for Filling Meats, Soups, Syrups, Milk, Fruits, Vegetables, etc.), 222 N Wabash av, Chicago, Ill.
Stickney Henry R (For Evaporated Cream, Baked Beans, Fats, Oils, Mustard, etc), Portland, Me.
U. S. Bottlers' Machy. Co. ("Perfection" Multiple), 1033 W Lake, Chicago, Ill.

7931— Can Heading Machines

Adriance Machine Works, 80 Richards, Brooklyn, N. Y.
Ams Max Machine Co. ("Ams" Automatic Double Seamless), Bridgeport, Conn.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Slaysman & Co., cor Pratt & President, Baltimore, Md.
Stecher Chas. Co., 1580 Crossing, Chicago, Ill.
Westchester Mach. Co., Mt. Vernon, N. Y.
Wold, Torris & Co., 240 N Ashland av, Chicago, Ill.

Can Labeling Machines

See Labeling Machines.

7932—Can Lacquering Machines

Burt Machine Co., 403 E Oliver, Baltimore, Md.
Seattle-Astoria Iron Works, Seattle, Wash.
Seeley Bros. ("Hughlett"), Blaine, Wash.
Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.
Stoll D. H. Co., Buffalo, N. Y.

7933— Can Lining Machines

Ams Max Machine Co. ("Ams" Adjustable, Round, Square, Covers, etc), Bridgeport, Conn.

7934—Can Lock & Lap Seaming Machines

Adriance Machine Works, 80 Richards, Brooklyn, N. Y.
Ams Max Machine Co. ("Ams"), Bridgeport, Conn.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
McDonald Machine Co. (Automatic Lock Seam), 3207 Shields av, Chicago, Ill.
Wold, Torris & Co. (Sanitary with Soldering Attachments), 240 N Ashland av, Chicago, Ill.

7935— Can Makers' Machinery

See also Specific Article Required.

Adriance Machine Works (Soldering & Sanitary), 80 Richards, Brooklyn, New York
AMERICAN CAN CO. (Mach'y Dept.), Monroe bldg, Chicago, Ill. *See adv index at end of book*
American Key Can Co. (For Key Opening Cans), 140 S Dearborn, Chicago, Ill.
Ams Max Machine Co. ("Ams" Air Tight Seam without Solder or Acid, etc), Bridgeport, Conn.
Angelus Sanitary Can Mach. Co., 288 S Fernando blvd, Los Angeles, Cal.
Ayars Machine Co., Salem, N. J.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Brecht Co., 1201 Cass av, St. Louis, Mo.
Consolidated Press Co., 26 S Jefferson, Chicago, Ill.
Ferracute Machine Co., Bridgeton, N. J.
Kruse Mfg. Co., 109 S 5th, Brooklyn, N. Y.
Leffler Chas. & Co., 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*
Mitchell Jno. R. Co., 702 S Washington, Baltimore, Md.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*
Seattle-Astoria Iron Works ("E. K. & M." Can Body Making & Soldering), Seattle, Wash.
Slaysman & Co. (Automatic), cor Pratt & President, Baltimore, Md.
Stecher Chas. Co. ("Automatic"), 1580 Crossing, Chicago, Ill.
Stevenson & Co., 607 S Caroline, Baltimore, Md.
Stoll D. H. Co., Buffalo, N. Y.
Swaine F. J. Mfg. Co., 7th & O'Fallon, St. Louis, Mo.
Westchester Mach. Co., Mt. Vernon, N. Y.
Wold, Torris & Co. ("Cameron" Automatic Lockseamer, Header, etc), 240 N Ashland av, Chicago, Ill.

7936—Can Marking Machines

Ams Max Machine Co. ("Ams"), Bridgeport, Conn.
Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

7937—Can Polishing Machines

Climax Machinery Co., Indianapolis, Ind.
Hibbard Wm. H. Mfg. Co., 79 Washington, Brooklyn, N. Y.
Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.
Stoll D. H. Co., Buffalo; N. Y.

7938—Can Righting Machines

Burden & Blakeslee ("Blakeslee," "Simplicity"), Cazenovia, N. Y.
Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

7939— Can Salting Machines

Seattle-Asteria Iron Works (Automatic), Seattle, Wash.

7940—Can Scoring Machines

Ams Max Machine Co. ("Ams" Adjustable Power), Bridgeport, Conn.
Stecher Chas. Co., 1580 Crossing, Chicago, Ill.
Stoll D. H. Co., Buffalo, N. Y.

7941—Can Seaming Machines

Adriance Machine Works, 80 Richards, Brooklyn, N. Y.
Ams Max Machine Co. ("Ams" Automatic Double Seamer), Bridgeport, Conn.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Slaysman & Co. (Automatic Side Seam Locking Machines), cor Pratt & President, Baltimore, Md.
Wold, Torris & Co. (Automatic Double Seamer), 240 N Ashland av, Chicago, Ill.

7942— Can Slitting Machines

Adriance Machine Works, 80 Richards, Brooklyn, N. Y.
Ams Max Machine Co. ("Ams" Gang), Bridgeport, Conn.
Slaysman & Co., cor Pratt & President, Baltimore, Md.
Stoll D. H. Co., Buffalo, N. Y.

7943—Can Soldering Machines

Adriance Machine Works, 80 Richards, Brooklyn, N. Y.
Allbright-Nell Co. (Vacuum Sealing), 5323 Western blvd, Chicago, Ill.
Ams Max Machine Co. ("Ams"), Bridgeport, Conn.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Wold, Torris & Co. (Automatic & Single Floating Machines), 240 N Ashland av, Chicago, Ill.

7944—Can Stamping Machines (Automatic)

Slaysman & Co., cor Pratt & President, Baltimore, Md.
Stoll D. H. Co., Buffalo, N. Y.

7945—Can Sterilizing Machines

Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

7946— Can Stuffing Machines

Allbright-Nell Co., 5323 Western blvd, Chicago, Ill.

Can Testing Machines

See Testing Machines, Can

7947— Can Tipping Machines

Chicago Solder Co. (High Speed Auto-Tripper), 218 N Union av, Chicago, Ill.

7948—Can Top Folding Machines

NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*

7949—Can Weighing Machines

Seely Bros. (Automatic), Blaine, Wash.
Smith Cannery Machine Co. (Automatic), Seattle, Wash.

7950—Can Wiping Machines

Ayars Machine Co., Salem, N. J.
Morral Bros., Morral, O.
Slaysman & Co., cor Pratt & President, Baltimore, Md.
Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

7951—Can Wrapping Machines

Burt Machine Co., 403 E Oliver, Baltimore, Md.

7952—Can & Jar Washing Machines

Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.
Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

7953— Cancelling Machines

American Perforator Co. (Check & Cigar Stamp), 621 W Jackson blvd, Chicago, Ill. *See adv index at end of book*
Bright H. V. (For Ticket Chopper), Cleveland, O.
Cummins B. F. Co. (Plain & Dating etc), 4740 W Ravenswood av, Chicago, Ill.

7954-5— Candle Machinery

Brewer Wm. W., Troy, N. Y.
Brown & Patterson, 33 Marcy av, Brooklyn, N. Y.
Homan & Co. (Molds, etc), Cincinnati, O.
Houchin-Aiken Co., 113 53d, Brooklyn, N. Y.

Candy Machinery

See Confectioners' Machinery

Candy Vending Machines

See Vending Machines

7956—Cane-Seat Chair Machinery

See also Chair Machinery

Goodspeed Machine Co. (Chair Seat Grooving Machinery), Winchendon, Mass.
Purdy Chester Co. (Also Wood Seat), Ghent, O.
Scow Bay Iron & Brass Works, Astoria, Ore.

7957— Cane Sugar Machinery

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Bartlett-Hayward Co., Scott & McHenry, Baltimore, Md.
Dyer Co., Cleveland, O.
FABRICATED STEEL PRODUCTS CORPORATION, Box 300, Leetonia, Ohio *See adv index at end of book*
Fulton Iron Works, 1259 Delaware av, St. Louis, Mo.
Guiler Engineering Co., Framingham, Mass.
HOOVEN, OWENS, RENTSCHLER CO. ("Hamilton Pratt"), Hamilton, O. *See adv index at end of book*
Joubert & Goslin Mach. & Fdry. Co. (Refining), Birmingham, Ala.
Krajewski-Pesant Corp., 54 Beard, Brooklyn, N. Y.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa. *See adv index at end of book*
Marshall Foundry Co., Pittsburgh, Pa.
TURL IRON & CAR CO., INC. (THE), 50 Broad, New York. Works: Newburgh, N. Y.

7957a—*Cane Sugar Conveying Machinery

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

7958—Canners' Fruit Washing & Scalding Machines

Vance & Baker Mfg. Co. ("Grasshopper"), Muscatine, Ia.

7959—Canners' Viner Feeding Machines

Ferrell A. T. & Co. ("Giant" Roller Bearing), Saginaw, Mich.
Hamachek Frank ("Ideal" Viner Feeders, for Pea Canners), Kewaunee, Wis.

7960— Canning Machinery

Ams Max Machine Co. (For Making & Sealing Sanitary Tin Cans), Bridgeport, Conn.
Anderson-Barngrover Mfg. Co., San Jose, Cal.
Ayars Machine Co., Salem, N. J.
Brecht Co., 1201 Cass av, St. Louis, Mo.
Burpee & Letson (Ltd.) (Salmon), Bellingham, Wash.
Burt Machine Co., 403 E Oliver, Baltimore, Md.

Chicago Solder Co., 218 N Union av, Chicago, Ill.
Climax Machinery Co., Indianapolis, Ind.
Conant R. O. Co., Portland, Me.
Ferrell A. T. & Co., Saginaw, Mich.
Huntley Mfg. Co. ("Monitor" Cleaners, Graders, Washers, Scalers, Blanchers, Fillers, Elevators, Pitters, Huskers), Silver Creek, N. Y.
Jones John T. Sons, 734 E Lombard, Baltimore, Md.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
Lang E. M. Co. (Soldering Machines, Capping Irons, Solder, Presses, etc), Portland, Me.
Lewis E. J., Middleport, N. Y.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
McDonald Machine Co., 3207 Shields av, Chicago, Ill.
Mitchell Jno. R. Co., 702 S Washington, Baltimore, Md.
Morral Bros. (Corn Cutter, Silk Brushing Cooker Filler, etc), Morral, O.

Peerless Husker Co., 523 Cornwall av, Buffalo, N. Y.
Premier Machinery Co., 16 California, San Francisco, Cal.
Renneburg Edw. & Sons Co., 2639 Boston, Baltimore, Md.
Robins A. K. & Co., 116 Market pl, Baltimore, Md.
Seattle-Astoria Iron Works, Seattle, Wash.
Seely Bros., Blaine, Wash.
Sinclair-Scott Co., Wells & Patapsco, Baltimore, Md.
Sprague Canning Machinery Co. (Tomato), 222 N Wabash av, Chicago, Ill.
Sprague Foundry & Mfg. Co., Council Bluffs, Iowa
Stickney Henry R. (Filling & Syruping, etc), Portland, Me.
Stiles-Morse Co. (End Seam Soldering Machines), 562 Wash'n blvd, Chicago, Ill.
Thompson Mfg. Co., Lancaster, N. H.
Vance & Baker Mfg. Co., Muscatine, Ia.
Westchester Mach. Co., Mt. Vernon, N. Y.
Zastrow Geo. W., 1410 Thames, Baltimore, Md.

7961—Cant Hook Handle Machinery

Defiance Machine Works, Defiance, O.

7962— Canting Machines

ALLIS-CHALMERS MFG. CO. (Overhead), Milwaukee, Wis.
See adv index at end of book

7963—Canvas Glove Machinery

Keagy & Lear Machine Co., Coshocton, O.

7964— Capping Machines

Dicke Tool Co., Downers Grove, Ill.
Lang E. M. Co., Portland, Me.
Steward L. & J. A., Rutland, Vt.

7965— Capsule Machines

Colton Arthur Co., Jefferson & Chene, Detroit, Mich.
Mulford H. K. Co., 428 S 13th, Phila., Pa.
Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.

7966— Car-Boring Machines

American Wood Working Machinery Co., Rochester, N. Y.
Bentel & Margedant Co. (Heavy Vertical 3 & 6 Spindle), Hamilton, O.
Fay J. A. & Egan Co., Cincinnati, O.
Greenlee Bros. & Co., Rockford, Ill.
Power L. & Co., 22 S 23d, Phila., Pa.

7967—*Car Dumping Machinery

See also Dumpers, Car

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

7967a— Car Shop Machines

Woods S. A. Machine Co., Boston, Mass.

7968—Car Spring Coiling Machines

See also Spring Coiling Machines; also Wire Spring Coiling Machines

Coulter & McKenzie Machine Co., Bridgeport, Conn.

Car Wheel Molding Machines

See Molding Machines, Foundry

7969—Car & Carriage Spring Machinery

Coulter & McKenzie Machine Co. (Car), Bridgeport, Conn.
Evans Jno. Sons, 506 N 13th, Phila., Pa.
L & W Spring Co., 210 Center, New York

7970—Carbon Cutting Machines

Germanow & Simon Mach. Wks., 58 Mill, Rochester, N. Y.
Lundin Electric & Machine Co. (Electrical, with Switch), 10 Thatcher, Boston, Mass.

7971— Carbon Machinery

Brown A. & F. Co., 79 Barclay, New York
WERNER & PFLEIDERER CO. (Mixers), 1232 No. Niagara, Saginaw, Mich.
See adv index at end of book

7972—Carbon Paper Machinery

Waldron Jno. Co., New Brunswick, N. J.

7973—Carbonating Machinery

Bishop-Babcock-Becker Co., Cleveland, O.
Liquid Carbonic Co., 3100 S Kedzie av, Chicago, Ill.
Magnus A. Sons Co., 327 W Randolph, Chicago, Ill.
Taber Pump Co., Buffalo, N. Y.

7974—Cardboard Sawing Machines (Wood)

Grammes L. F. & Sons (Combination Rip & Cross-Cut), Allentown, Pa.
See adv index at end of book

Cardboard Slitting Machines

See Paper Slitting Machines

7975—Card Cutting Machines

See also Card Cutting Machines, Textile
American Specialty Co. ("Premium" Hand Card & Paper Cutter for Office Use), Bridgeport, Conn.
BECK CHAS. CO., 607 Chestnut, Phila., Pa. *See adv index at end of book*
BLISS E. W. CO. (Playing Cards), 19 Adams, Brooklyn, N. Y.
See adv index at end of book
Dietz Machine Works (Rotary for Index, Business, etc), 126 Fontain, Phila., Pa.
Golding Mfg. Co., Franklin, Mass.
Grammes L. F. & Sons ("Handy" Hand, etc.), Allentown, Pa.
See adv index at end of book
Jacques Jno. & Son, Worcester, Mass.
Marshall Son & Co. ("Superior" Hand Card Cutter), 226 Purchase, Boston, Mass.
Otten Bros. Co., 24 Richmond, Detroit, Mich.
Robinson Jno. T. Co., Hyde Park, Mass.

7976—Cargo Transferring Machinery (Marine Transfer)

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

7977—Carpet Cleaning Machinery

Chief Mfg. Co., Indianapolis, Ind.
Cleveland Laundry Machinery Mfg. Co., 5184 Fowler av S E, Cleveland, O.
Giant Mfg. Co., Council Bluffs, Ia.
Reed Mfg. Co. (Carpet Cleaning Wheels), Springfield, O.

7978—Carriage Builders' Machinery

See also Hub, Spoke & Rim Machinery
Abbott & Co. (Hub Bored), Hudson, Mich.
American Woodworking Mach'y Co., Rochester, N. Y.
Bentel & Margedant Co., Hamilton, O.
Bicknell Mfg. & Supply Co. (Felloe Rounders), Janesville, Wis.
Cordesman-Rechtin Co., Butler, Cincinnati, O.
Defiance Machine Works, Defiance, O.
Fay J. A. & Egan Co., Cincinnati, O.
Greenlee Bros. & Co., Rockford, Ill.
Kane & Roach, Syracuse, N. Y.
Williams, White & Co., Moline, Ill.

Carriage Spring Machinery

See Car & Carriage Spring Machinery

7979—Carton Sealing Machines

American Carton Sealing Machine Co., 1060 W Harrison, Chicago, Ill.
American Machinery Co. ("Philadelphia"), 1229 Callowhill, Phila., Pa.

7980— Cartridge Machinery

East Iron & Machine Co., 351 E Market, Lima, O.
Manville E. J. Machine Co., Waterbury, Conn.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
Zeh & Hahnemann Co., Vanderpool, Newark, N. J.

Carving Machines

See Wood Carving Machines

7981—Carving Machines (Corner Block)

Fay J. A. & Egan Co., Cincinnati, O.

7982—Carving Machines (Pattern Makers')

Porter C. O. Machinery Co., Grand Rapids, Mich.

7983—Case Hardening Machines

See also Furnaces, Annealing & Case Hardening
American Gas Furnace Co., 24 John, New York

7984—Case Smoothing Machines

Hickok W. O. Mfg. Co. (For Bookbinders), Harrisburg, Pa.

7985—Cash Paying Machines

Payograph Co., 105 3d av, Detroit, Mich.

7986—Cast Iron Pipe Cutting Machines

Smith A. P. Mfg. Co. ("French"), East Orange, N. J.

Casting Machines

See Molding Machines, Foundry

7986a— Castor Oil Machinery

Buckeye Iron & Brass Works, Dayton, O.
Hydraulic Press Mfg. Co., Mt. Gilead, O.
Platt Iron Wks., Dayton, O.

7987— Catsup Machines

Howes S. Co., Silver Creek, N. Y.
Sinclair-Scott Co. (Tomato Pulp Finishers), Wells & Patapsco, Baltimore, Md.
Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

7988—Cattle Feeding Machines

Whitman Agricultural Co. (5 to 7 ft Cylinder Cutters), 7000 S B'way, St. Louis, Mo.

Ceiling Machinery

See Sheet Metal Workers' Machines, etc.

7989— Celluloid Machinery

Cook F. H. & Co., Leominster, Mass.
Farrel Foundry & Machine Co., Ansonia, Conn.
WERNER & PFLEIDERER CO., 1232 No. Niagara, Saginaw, Mich.
See adv index at end of book

7990—Cement Brick Machines

See also Concrete Building Block Machinery

American Cement Machine Co., Keokuk, Ia.
Besser Mfg. Co., Alpena, Mich.
Buckeye Engine & Foundry Co., Joliet, Ill.
Colgan Machinery & Supply Co., Columbus, O.
Enamel Concrete Co. (Enamel Concrete Brick), Des Moines, Ia.
Francis Machinery Co., St. Louis, Mo.
Helm Brick Machine Co. ("Helm"), Cadillac, Mich.
Internat. Brick Mach. Co., Binghamton, N. Y.
La Grange Machine & Repair Co. ("Little Giant"), La Grange, Ind.
Moore Plow & Implement Co., Greenville, Mich.
Northwestern Steel & Iron Works ("Northwestern" Tin Brick), Eau Claire, Wis.
Peerless Brick Machine Co. ("Peerless"), 1234 Central av, Minneapolis, Minn.
Starch Bros. Co. ("Leader"), La Crosse, Wis.

Cement Burial Vault Machinery

See Molds, Concrete

Cement Drain Tile Machines

See Cement Sewer Pipe Machinery

7991— Cement Machinery

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Atlanta Mfg. & Supply Co., Atlanta, Ga.
Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
Bethlehem Foundry & Mach. Co., South Bethlehem, Pa.
Bonnot Co., Canton, O.
Burrell Mfg. Co., Bradley, Ill.
Century Cement Machine Co., Rochester, N. Y.
Chalmers & Williams (Inc.), 1925 Commercial Nat'l Bank bldg, Chicago, Ill.
Dunning W. D., Syracuse, N. Y.
Ehrsam J. B. & Sons Mfg. Co., Enterprise, Kan.
Great Western Mfg. Co., Leavenworth, Kan.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
KENNEDY VAN SAUN MFG. & ENG. CORP. (For Cement Plants), 120 Broadway, New York
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. &. R. Ry., Phila., Pa.
See adv index at end of book
Manitowoc Engineering Works, Manitowoc, Wis.
Mashek Engineering Co., 90 West, New York
Mosser W. F. & Son (Rotary Crushers), Allentown, Pa.
Nazareth Foundry & Machine Co. (Repair Parts), Nazareth, Pa.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Prosser Thos. & Son (Imp.), 15 Gold, New York
Quintard Iron Works Co., 742 E 12th, New York
Reeves Bros. Co. (For Wet or Dry Process) Alliance, O.
Republic Iron Wks., Tecumseh, Mich.
Sackett A. J., Cor 4th av & 1st, Baltimore, Md.
Smidth F. L. & Co., 50 Church, New York
Stroud E. H. & Co., 928-934 Fullerton av, Chicago, Ill.
Sturtevant Mill Co., Clayton & Park, Dorchester, Boston, Mass.
TREADWELL CONSTRUCTION CO. (For Wet or Dry Process), Midland, Pa.
See adv index at end of book
Union Engineering Co., Cuyahoga & W 4th, Cleveland, O.
United Iron Works Co. (Cooling Towers, Slurry Tanks, Pug Mills, Sacking Machines, etc.), Kansas City, Mo.
Vulcan Iron Works, Wilkes-Barre, Pa.
Webster Mfg. Co. (Elevating & Conveying), Tiffin, O.
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

When writing to firms whose names appear in this book please mention
HENDRICKS' COMMERCIAL REGISTER.

Cement Moulding Machines

See Concrete Building Block Machinery

Cement Porch Column Machinery

See Molds, Concrete

7992—Cement Post Machinery

See also Molds, Concrete

American Cement Machine Co., Keokuk, Iowa
Cement Machinery Co. ("Universal"), Jackson, Mich.
Francis Machinery Co., St. Louis, Mo.
Northwestern Steel & Iron Works, Eau Claire, Wis.

Cement Roofing Tile Machinery

See Cement Shingle Machinery

7993—Cement Sacking Machines

See also Cement Machinery

United Iron Works Co., Kansas City, Mo.

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CUYAHOGA FALLS OHIO, U. S. A.

Offers a Complete Line of Fire-weld

CHAIN MACHINERY

Furnaces, Winders, Cutters, Hammers, etc.

Over 50 Years' Experience in Building Machinery

7994—Cement Sewer Pipe Machinery

Besser Mfg. Co. (Hand & Power Machines for Drain Tile & Sewer Pipe), Alpena, Mich.
Cement Machinery Co., Jackson, Mich.
Cement Tile Machinery Co. ("Schank"), Waterloo, Ia.
Concrete Stone & Sand Co. ("Pauly"), Youngstown, O.
Farmers' Cement Tile Machine Co. ("Ideal" Drain Tile Machines), St. Johns, Mich.
Lansing Co., Lansing, Mich.
Monarch Mfg. Corp., Boone, Ia.
Quinn Wire & Iron Works ("National" Automatic for Large Cement Tile), Boone, Ia.
Raber & Lang Mfg. Co. ("Crescent" Molds for Drain Tile), Kendallville, Ind.

7995—Cement Shingle Machinery

Janesville Cement Co., Janesville, Wis.
Leavitt Mfg. Co., Urbana, Ill.

7996—Cement Weighing Machines (Automatic)

Richardson Scale Co., Passaic, N. J.

7997— Centering Machines

Binghamton Machine Works, Binghamton, N. Y.
Hendey Machine Co. ("Hendey," Belt & Motor Driven), Torrington, Conn.
Hurlbut-Rogers Machinery Co., South Sudbury, Mass.
Phoenix Mfg. Co., Hartford, Conn.
Pratt & Whitney Co., Hartford, Conn.
Prentiss Henry & Co. (Inc.) (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York.
See adv index at end of book
Rockford Drilling Machine Co. (Shaft), **Rockford, Ill.**
WHITON D. E. MFG. C0. ("Whiton" Revolving), New London, Conn.
See adv index at end of book

7998—*Centering Machines (Duplex)

WHITON D. E. MFG. CO., New London, Conn. *See adv index at end of book*

7999—*Centering Machines (Two Spindle)

WHITON D. E. MFG. CO. (Also One Spindle), New London, Conn.
See adv index at end of book

8000—Centrifugal Machines (Laboratory)

American Tool & Machine Co. (Centrifugals, Dryers & Hydro-Extractors), 10 High, Boston, Mass.
Bausch & Lomb Optical Co., Rochester, N. Y.
Lonergan J. E. Co., 211 Race, Phila., Pa.
Sharples Specialty Co., WestChester, Pa.

8001—Ceramic Tile Machinery

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
Mueller Machine Co., Trenton, N. J.

Cereal Roasting Machines

See Coffee, Peanut, etc, Roasting Machines

8002—Chain Link Coiling Machines

Turner, Vaughn & Taylor Co., Cuyahoga Falls, O.
See adv index at end of book

8003—Chain Making Machinery

Baird Machine Co. (Automatic), Bridgeport, Conn.
Breul Fred G (Automatic), Bridgeport, Conn.
Smith Richardson Co., Attleboro, Mass.
Turner, Vaughn & Taylor Co. ("Vaughn" for Fire Welded Chains, etc), Cuyahoga Falls, O.
See adv index at end of book

8004—Chain Welding Machinery

Turner, Vaughn & Taylor Co. (Fire Weld), Cuyahoga Falls, O.
See adv index at end of book

8005—Chair Back Post Bending Machines

Jenkins Machine Co., Sheboygan, Wis.

8006— Chair Machinery

See also Cane-Seat Chair Machinery

American Wood Working Machinery Co., Rochester, N. Y.
Baldwin E. E., Gardner, Mass.
Chase Turbine Mfg. Co. (Chair Back Machines), Orange, Mass.
Cordesman-Rechtin Co., Butler, Cincinnati, O.
Fay J. A. & Egan Co., Cincinnati, O.
Gardner Machine Works (E. N. & W. H. Hobby, Props.), Gardner, Mass.
Goodspeed Machine Co., Winchendon, Mass.
Jenkins Machine Co., Sheboygan, Wis.
Linderman Machine Co., Muskegon, Mich.
McKnight L. G. & Son Co., Gardner, Mass.
Nash J. M. (Special), 842 30th, Milwaukee, Wis.
Purdy Chester, Ghent, O.
Whitney Baxter D. & Son, Winchendon, Mass.

8007— Chair Seat Machinery

Jenkins Machine Co. (Jointers, Notchers, Scoopers), Sheboygan, Wis.
Linderman Machine Co. (Dovetail Jointer), Muskegon, Mich.

8008—Chamfering & Crozing Machines

Clough & Witt Machine Co., 1740 Columbus rd, Cleveland, O.
Oram John S. Co. (& Howeling), Cleveland, O.
Rochester Barrel Machine Works, Rochester, N. Y.

8009—Change Making Machines

Barrett Changer Co., 36 S State, Chicago, Ill.
Brandt Cashier Co., 1 Madison av, New York
International Money Machine Co., Terre Haute, Ind.
Staats W. H. Co., Cohoes, N. Y.

Channeling Machines

See Stone Channeling Machines

8010—Charging Machines (Open Hearth)

Alliance Machine Co., Alliance, O.
Brosius Edgar E., Benedum Trees bldg, Pittsburgh, Pa.
MORGAN ENGINEERING CO. (For Billets, Blooms, etc), Alliance, O.
See adv index at end of book
Neumeyer & Dimond ("Demag" Imp), 82 Beaver, New York
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
Wellman-Seaver-Morgan Co. ("Wellman"), Cleveland, O.

8011—Check Writing Machines

Defiance Check Writer Corp., Rochester, N. Y.
Hall-Welter Co., Rochester, N. Y.
New Era Mfg. Co. ("New Era"), 450 4th av, New York
Todd Protectograph Co. ("Protectograph," "Peerless"), 1050 University av, Rochester, N. Y.

8012—Cheese Box Machinery

Goo & Hopkins, Delavan, N. Y.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Oakes & Burger Co., Cattaraugus, N. Y.
Yates P. B. Machine Co., Beloit, Wis.

8013—Cheese Box Nailing Machines

Goo & Hopkins, Delavan, N. Y.

8014—Cheese Factory Machinery

Burrell D. H. & Co., Little Falls, N. Y.
Creamery Package Mfg. Co., 61 W Kinzie, Chicago, Ill.
Gehl M. C. Co., 3002 Meinecke av, Milwaukee, Wis.
Jones Frank L., Utica, N. Y.
Oakes & Burger Co., Cattaraugus, N. Y.

8015— Chemical Machinery

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
American Tool & Machine Co. (Centrifugals & Hydro-Extractors), 10 High, Boston, Mass.
Badger E. B. & Sons Co., 75 Pitts, Boston, Mass.
BUFFALO FOUNDRY & MACHNE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Chemical Constr. Co. (Concentrators, Acid Plants, Recovery Plants, etc.), Charlotte, N. C.
Door Co., 1009 17th, Denver, Col.
Electron Chemical Co. (Electrolytic Cells for Chlorine & Caustic Soda Plants), Portland, Me.
Hercules Engng. Corp. (Chlorine, Sulphur, Dioxide & Caustic Soda Plants), 501 5th av, New York
JOHNSON JOHN CO., 203 37th, Brooklyn, N. Y.
Lummus Walter E. Co., 173 Milk, Boston, Mass.
Patterson Foundry & Machine Co., E Liverpool, O.
Pratt Engineering & Machine Co., Atlanta, Ga.
Stevens Bros., 85 Liberty, New York
Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.
Valley Iron Works, Williamsport, Pa.
Warner Chemical Co. (For Chlorine & Caustic Soda Plants), 52 Vanderbilt av, New York
WERNER & PFLEIDERER CO., 1232 N Niagara, Saginaw, Mich.
See adv index at end of book
ZAREMBA CO. (Evaporators, Leaching Cells), Niagara Life bldg, Buffalo, N. Y. *See adv index at end of book*

8016-7—Cherry Pitting Machines

Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

8018—Chewing Gum Machines

Clough & Witt Machine Co., 1740 Columbus rd, Cleveland, O.
Johnson John Co., 203 37th, Brooklyn, N. Y.
Mills Thos. & Bro., 8th & Thompson, Phila., Pa.
Savage Bros. Co., 321 W Austin, Chicago, Ill.
Werner & Pfleiderer Co., 1232 N Niagara, Saginaw, Mich.
See adv index at end of book

8018a—*China Clay Dissolving Machines

Werner & Pfleiderer Co., 1232 N Niagara, Saginaw, Mich.
See adv index at end of book

8019—Chocolate Coating Machines

Racine Confectioners Machy. Co., Racine, Wis.

8020— Chocolate Machinery

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
Bakers Joseph (Ltd.) (Imp.), 233 B'way, New York
Day J. H. Co., Cincinnati, O.
Kent Machine Works, 39 Gold, Brooklyn, N. Y.
Lehmann J. M. Co., 101 Varick, New York
National Equipment Co., Springfield, Mass.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
WERNER & PFLEIDERER CO., 1232 N Niagara, Saginaw, Mich.
See adv index at end of book

8021—Chucking, Boring & Turning Machines (Automatic)

Giddings & Lewis Mfg. Co., Fond du Lac, Wis.

8022— Chucking Machines

Acme Machine Tool Co., Cincinnati, O.
Baker Bros. (Vertical), Toledo, O.
Bickford H. & Co. ("Bickford" Vertical), Lakeport, N. H.
Brown & Sharpe Mfg. Co. (Horizontal & Vertical), Providence, R. I.
Bullard Machine Tool Co. ("Standard" Vertical), Bridgeport, Conn.
Davis Machine Tool Co. (Horizontal), Rochester, N. Y.
Fay & Scott, Dexter, Me.
Garvin Machine Co., 147 Varick, New York
Giddings & Lewis Mfg. Co. ("Conradson"), Fond du Lac, Wis.
Gisholt Machine Co. (Turret Lathes for Finishing Castings & Forgings), Madison, Wis.
Hamilton Machine Tool Co., Hamilton, O.
Jones & Lamson Machine Co., Springfield, Vt.
King Machine Tool Co. (Vertical), Clifton av & B. & O. S. W. R. R., Cincinnati, O.
Le Blond R. K. Machine Tool Co., Cincinnati, O.
Lodge & Shipley Machine Tool Co., Cincinnati, O.
Millholland W. K. Machine Co., Indianapolis, Ind.
Ober Mfg. Co. (Wood), Chagrin Falls, Ohio
Oliver Machinery Co., Grand Rapids, Mich.
Potter & Johnston Machine Co. ("Manufacturing Automatic"), Pawtucket, R. I.
Pratt & Whitney Co., Hartford, Conn.
Quint A. D. (Vertical), Hartford, Conn.
Reed-Prentice Co., Worcester, Mass.
Rogers Machine Tool Co., Alfred, N. Y.
Springfield Machine Tool Co., Springfield, Ohio
Warner & Swasey Co., Cleveland, O.
Whitcomb-Blaisdell Machine Tool Co., Worcester, Mass.

8023-4—Chucking & Turning Machines (Automatic)

Hartford Machine Screw Co., Hartford, Conn.
Potter & Johnston Machine Co., Pawtucket, R. I.
Pratt & Whitney Co., Hartford, Conn.

Cider Making Machinery

See Wine Making Machinery

8025— Cigar Box Machinery

Doig Wm. S. (Nailing, etc), 54 Franklin, Brooklyn, N. Y.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Shirk P. E., Blue Ball, Pa.

8026—Cigar Bunching Machines

Miller, DuBrul & Peters Mfg. Co. ("Du Brul"), 507 E Pearl, Cincinnati, O.

8027— Cigar Machinery

American Machine & Foundry Co. ("Fresh Work," "Toscani Cheroot," "Cigar & Cheroot Rolling"), 5520 2d av, Brooklyn, N. Y.
Cigar Machine Corp. of Amer. (Automatic), Industrial bldg, Baltimore, Md.
Ermold Edward Co. (Branding Machine), 656 Hudson, New York
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Liberman Mfg. Co., 248 N 8th, Phila., Pa.
Miller, DuBrul & Peters Mfg. Co. (& Moulds, etc), 507 E Pearl, Cincinnati, Ohio
Strieder J. W. Co. (Banding Machines, Automatic), 178 Ruggles, Boston, Mass.

8028—Cigar Re-Packing Machines

National Selling Co., Allentown, Pa.

8029-30—*Cigarette Box Machinery (Tin)

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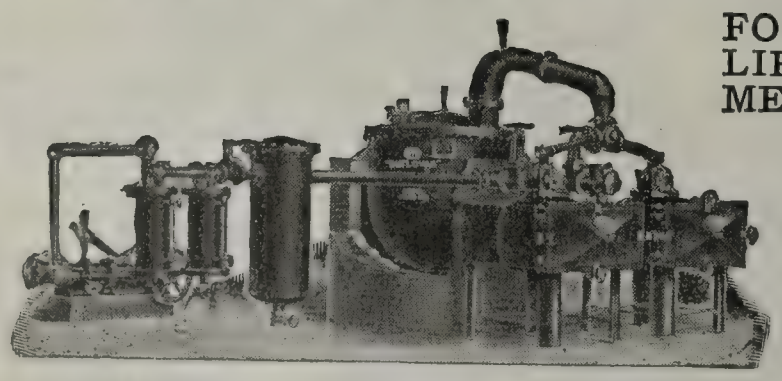

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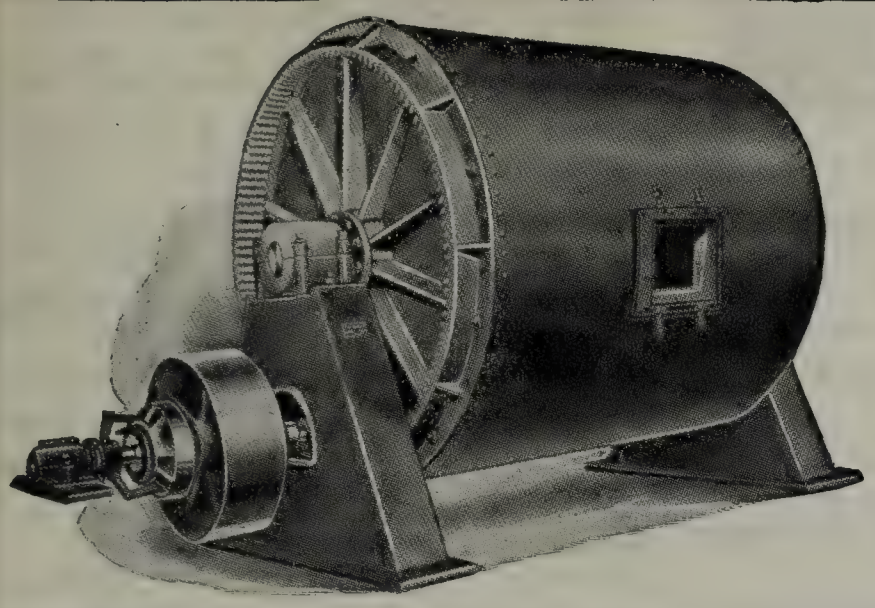

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8032-3—Cigarette Packing Machines

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Comas Machine Co, Salem. Va.
International Packing Machines Co., 434 E 71st, New York
United Cigarette Mach. Co. (Ltd.), Lynchburg, Va.

8034—Circle & Flanging Machines

Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*

8035—Circular Folding Machines

American Multigraph Sales Co. ("Universal," Letter & Statement), 1832 E 40th, Cleveland, O.
Cabott P. M. Co., 6 Church, New York
Dick A. B. Co., 736 W Jackson blvd, Chicago, Ill.
Leffler Charles & Co. (Used in Packing Baking Powder, Medicines, etc), 59 Clymer, Brooklyn, N. Y.
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Mentges Folder Co., Sidney, O.

8036—Circular Re-Sawing Machines

Bentel & Margedant Co., Hamilton, O.
Braun J. G., 609 S Paulina, Chicago, Ill.
Connell & Dengler Mach Co., Rochester, N. Y.
Fay J. A. & Egan Co., Cincinnati, O.
Yates P. B. Machine Co., Beloit, Wis.

Circular Stone Sawing Machines

See Stone Sawing Machinery, with the words Circular Sawing following their names

8037— Clapboard Machinery

Lane Mfg. Co., Montpelier, Vt.
Union Iron Works, Bangor, Me.

8038—Clay Building Block Machinery

See also Brick Machinery, also Brick Press Machines
American Clay Macinery Co., S Walnut, Bucyrus, O.
Anderson Foundry & Machine Works, Anderson, Ind.
Bonnot Company, Canton, O.
Brewer H. & Co., Tecumseh, Mich.
Fate J. D. Co., Plymouth, O.
Freese E. M. & Co., Gallon, O.

8039—Clay Filtering Machinery

CROSSLEY MACHINE CO., State & Chestnut av, Trenton, N. J.
See adv index at end of book

8040—Clay Grinding Machines

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
American Clay Machinery Co., S Walnut, Bucyrus, O.
Anderson Foundry & Mach. Works, Anderson, Ind.
Brown A. & F. Co. ("Cogswell'), 79 Barclay, New York
Chambers Bros. Co., 52d below Lancaster av, Phila., Pa.
CROSSLEY MACHINE CO., State & Chestnut av, Trenton, N. J.
See adv index at end of book
Fernholtz Brick Machinery Co., Boyle & Vandeventer av, St. Louis, Mo.
United Iron Works Co., Kansas City, Mo.

8041—Clay Tempering Machinery

Carnell Geo. (Est. of), 1819 N 5th, Phila., Pa.
CROSSLEY MACHINE CO., State & Chestnut av, Trenton, N. J.
See adv index at end of book

8042—Clay Washing Machinery

See also Clay Cleaning Machinery
CROSSLEY MACHINE CO., State & Chestnut av, Trenton, N. J.
See adv index at end of book
International Clay Machy. Co., Dayton, O.
Muell Machine Co., Trenton, N. J.
Patterson Foundry & Mach. Co., East Liverpool, O.

8043—*Clay Working Machinery

See also Brick Press Machines, etc.
AMERICAN CLAY MACHINERY CO., S Walnut, Bucyrus, O.
Buckeye Traction Ditcher Co. The (Clay Digger for Tile & Brick), Findlay, Ohio
IVENS WM. H. SONS CO. (Jiggers, Oval Dish & Plug Bowl Machines, Surface Grinders, etc), P. O. Box 647, Trenton, N. J.
Taplin-Rice-Clerkin Co. ("Pioneer"), Akron, O.

8044—Cleat Sawing Machines

Mereen-Johnson Machine Co. (Gang Cleat Saws), 4400 Lyndale av N, Minneapolis, Minn.

8045— Clipping Machines

Huntley Mfg. Co. ("Monitor" for Oats, Barley, Rice, etc), Silver Creek, N. Y.
Invincible Grain Cleaner Co. ("Invincible" Oak Barley & Rice), Silver Creek, N. Y.

8046—Clock Pinion Turning Machines

Davenport Machine Tool Co. (Automatic), New Bedford, Mass.

8047—Clock & Watch Makers' Machinery

Ames B. C. Co., Waltham, Mass.
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Draher John, Waterbury, Conn.
Nichols W. H. (Watchmakers'), Waltham, Mass.
STARK TOOL CO., Waltham, Mass.
See adv index at end of book
Waltham Machine Works, Waltham, Mass.

8048-9—Closing Machines for Steel Lead Kegs

AMERICAN CAN CO. (Machy. Dept.), Monroe bldg, Chicago, Ill.
See adv index at end of book

8050—Cloth Laying Machines

Shuttle Machine Co., 18 E 17th, New York

Cloth Room Machinery

See Textile Machinery & Supplies; for page number consult Index of Contents

8051—Cloth Shrinking & Sponging Machines

Moritz Herman & Excelsior Shrinking Co., 310 6th av, New York

8052—Clothes Pin Machinery

Goodspeed Machine Co., Winchendon, Mass.
Humphrey Machine Co., Keene, N. H.

8053-4—Clothes Pressing Machines

American Laundry Machy. Co., Cincinnati, O.
BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Leader Machine Co., 2841 N Francisco av, Chicago, Ill.
Lovell Mfg. Co. (For all Purposes), Erie, Pa.
Newman Mfg. Co., 717 Sycamore, Cincinnati, O., & 68 W Washington, Chicago, Ill. *See adv index at end of book*
Palmer T. D. Co., Syracuse, N. Y.
Rosenbaum Mfg. Co., 33 Bleecker, New York
Stockwell & Co., 229 N Holliday, Baltimore, Md.
U. S. Hoffman Co. ("Hoffman,"), Syracuse, N. Y.
Williams Tool Co., Erie, Pa.

8055—Coal Breaker Machinery

Finch Mfg. Co., Scranton, Pa.
Grant Iron Works, Mahanoy City, Pa.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Milholland J. & J. B. Co., 714 5th av, Pittsburgh, Pa.

COAL BREAKER MACHINERY—cont.

Pennsylvania Crusher Co. ("Bradford Breakers), Stephen Girard bldg, Phila., Pa.
Roberts & Schaefer Co., 332 S Michigan av, Chicago, Ill.
Wilmot Engineering Co., Hazleton, Pa.

Coal Car Dumping Machines

See Car Dumping Machinery

Coal Crushing Machinery

See Crushers, Coal & Coke

8056—Coal Cutting Machines

See also Chain Mining Machines

Goodman Mfg. Co. (Electric), Halsted & 48th pl, Chicago, Ill.
Herzler & Henninger Machine Works, Belleville, Ill.
INGERSOLL-RAND CO. ("Radialaxe," "Jackhamer" & "New Ingersoll" Entry Drivers), 11 B'way, New York
See adv index at end of book
JEFFREY MFG. CO. (Electric & Compressed Air), 961 N Fourth, Columbus, O. *See adv index at end of book*
Morgan-Gardner Electric Co. (Electric), 2640 Shields av, Chicago, Ill.
Pneumelectric Machine Co. ("Pneumelectric" Coal Puncher), Syracuse, N. Y.
Prox Frank Co. (Electric), Terre Haute, Ind.
Sullivan Machinery Co. (Electric & Air), Peoples Gas bldg, Chicago, Ill.
Whitcomb Geo. D. Co., Rochelle, Ill.

8057—*Coal Cutting & Loading Machines

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book

Coal Punching Machines

See Coal Cutting Machines

8058—Coal Shearing & Undercutting Machines

INGERSOLL-RAND CO. ("Radialaxe"), 11 B'way, New York
See adv index at end of book

8059—Coal Washing Machinery

Heyl & Patterson, 51 Water, Pittsburgh, Pa.
LINK-BELT CO. ("Luhrig," "Stewart" "Foust" Processes), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Montgomery Coal Washing & Mfg. Co., Birmingham, Ala.
Penn. Crusher Co. ("Penna. Bradford" Coal Cleaner), Stephen Girard bldg, Phila., Pa.
Pittsburgh Coal Washer Co., Fulton bldg, Pittsburgh, Pa.
Tamaqua Mfg. Co., Tamaqua, Pa.
Webster Mfg. Co., Tiffin, O.

8060—Coal & Ore Handling Machinery

See also Conveyors, Coal

Alliance Machine Co., Alliance, O.
BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
Brown Hoisting Machinery Co. (Coal Storage, Coal Unloaders, Car Dumpers, etc.), 4403 St. Clair, N. E., Cleveland, O.
Browning Co. (Coal Unloaders, Car Dumps, etc.), E 162nd & Waterloo rd, N. E., Cleveland, O.
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Duncan Foundry & Machine Works, Alton, Ill.
Fairmont Mining Machy. Co., Fairmont, W. Va.
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Hoover & Mason, 80 E Jackson blvd, Chicago, Ill.
Howe Scale Co. of Illinois, 1315 S Wabash av, Chicago, Ill.
Howlett W. E. Construction Co. (Coal Handling only), Moline, Ill.
Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
Johnston & Jennings Co., Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
McLanahan-Stone Mach. Co., Hollidaysburg, Pa.
McMyler-Interstate Co., Bedford, O.
Macdonald Engineering Co., 53 W Jackson blvd, Chicago, Ill.
Maine Electric Co., Portland, Me.
Mead-Morrison Mfg. Co. (Automatic), cor Prescott & Orleans, East Boston, Mass.
Milholland J. & J. B. Co., 714 5th av, Pittsburgh, Pa.
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Toledo Bridge & Crane Co., 2500 Dorr, Toledo, O.
Union Engineering Co., Cuyahoga & W 4th, Cleveland, O.
United Iron Works Co., Kansas City, Mo.
Webster Mfg. Co., Tiffin, O.
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.
Wellman-Seaver-Morgan Co. ("Hulett"), Cleveland, O.

Coat & Hat Hook Machines (Automatic)

See Wire Forming Machinery

Coating Machines for Roofing

See Paper, Saturating, Coating & Water-Proofing Machines

8061—Coating Mill Machinery

Koegel Chas. & Sons, Holyoke, Mass.
Waldron Jno. Co., New Brunswick, N. J.

8062— Cockle Machines

Barnard & Leas Mfg. Co., Moline, Ill.
Blymyer Iron Works Co. (For Rice), Cincinnati, O.
Prinz & Rau Mfg. Co., 659 E Water, Milwaukee, Wis.

8063— Cocoa Machinery

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
Angus Engineering Co., 87 Wall, New York
Lehmann J. M. Co., 101 Varick, New York

8064—Cocoa Plantation Machinery

Mason Marcus & Co., Framingham, Mass.

8065—Coffee Cooling, Stoning & Elevating Machinery

Huntley Mfg. Co., Silver Creek, N. Y.
Lambert Machine Co., Marshall, Mich.

8066—Coffee Grading Machines

Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.
Squier Geo. L. Mfg. Co., Buffalo, N. Y.

8067—Coffee, Peanut & Cocoa Bean Roasting Machines

Bartholomew Co., Peoria, Ill.
Burns Jabez & Sons, 600 W 43d, New York
Dunbar & Co. (Peanut & Pop Corn Roasters), 2652 W Lake, Chicago, Ill.
Hilbert Machine Co., 2116 Colerain av, Cincinnati, O.
Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor" Coffee Roasters), Silver Creek, N. Y.
Kingery Mfg. Co. (Peanut Only), 420 E Pearl, Cincinnati, O.
Lambert Machine Co., Marshall, Mich.
Lange Henry G., 162 N May, Chicago, Ill.
The A. J. Deer Co., Hornell, New York

8068—Coffee Polishing Machines

Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

8069—Coffee Roasting Machines (Complete Plants)

Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.
The A. J. Deer Co., Hornell, New York

8070—Coffee & Rice Cleaning Machinery

Bahmann Iron Works Co., Cincinnati, O.
Blymyer Iron Works Co., Cincinnati, O.
Boland Machine & Mfg. Co., 1006 Tchoupitoulas, New Orleans, La.
Farquhar A. B. Co. (Ltd.), York, Pa.
Fraser Mfg. Co., 573 Henderson, Jersey City, N. J.
Howes S. Co. (Hulling & Grading), Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.
Invincible Grain Cleaner Co., Silver Creek, N. Y.
Johnson & Field Mfg. Co., Racine, Wis.
Mason Marcus & Co., Framingham, Mass.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Salem Iron Works (Coffee Only), Winston-Salem, N. C.

8071—Coffee & Rice Plantation Machinery

Angus Engineering Co., 87 Wall, New York
Bahmann Iron Works Co., Cincinnati, O.
Blymyer Iron Works Co., Cincinnati, O.
Engelberg Huller Co. (Hullers & Polishers), Syracuse, N. Y.
Mason Marcus & Co., Framingham, Mass.
Salem Iron Works (Coffee), Winston-Salem, N. C.

8072—Coffee & Spice Mill Machinery

Beach-Russ Co., 220 B'way, New York
See adv index at end of book
Burns Jabez & Sons (Power Machines), 600 W 43d, New York
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.

8073—Coiling Machines for Match Splits

Griswold George M. Machine Co., New Haven, Conn.

8074—Coiling Machines (Wire)

Baird Machine Co. (Automatic), Bridgeport, Conn.
Manville E. J. Machine Co., Waterbury, Conn.
Morgan Construction Co., Worcester, Mass.
SLEEPER & HARTLEY (INC.), (Of every description), 68 Prescott, Worcester, Mass. *See adv index at end of book*

8075—Coin Counting Machines

Abbott Coin Counter Co., 106 6th av, New York
Automatic Appliance Co. (Automatic Counting & Packing), 172 Columbus av, Boston, Mass.
Cointex Co., The, St. Johns pl, Buffalo, N. Y.
Johnson Coin Counting Machine Co. ("Johnson"), 237 Lafayette av, New York
LAMSON CO. ("Lamson" Coin Cashier for Cashier & Payroll Work), 100 Bolyston, Boston, Mass.

Coin Operating Machines

See Vending Machines.

8076—Coin Wrapping Machines

Automatic Coin Wrapping Machine Co. ("Batdorf"), 80 Greenwich, New York
Lamson Co., 100 Boylston, Boston, Mass.

8077— Coining Machines

Ferracute Machine Co., Bridgton, N. J.
Johnson Iron Works, Ltd., Morgan & Sequin, New Orleans, La.

Coke Crushing Machinery

See Crushers, Coal & Coke.

8078—Coke Drawing & Loading Machines

Covington Machine Co., Covington, Va.

8078a—*Coke Handling Machinery

Atlas Engineering Co., Amherst, O.
See adv index at end of book
BARTLETT C. O. & SNOW CO., French st, Cleveland, Ohio.
See adv index at end of book
Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*

8079— Coke Oven Machinery

Connellsville Mfg. & Mine Supply Co. (Rectangular), Connellsville, Pa.
Covington Machine Co., Covington, Va.
Scottdale Machine & Mfg. Co., Scottdale, Pa.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
Variety Iron & Steel Works Co., Hamilton av & E 40th, Cleveland, O.
Wellman-Seaver-Morgan Co., Cleveland, O.

8080—Cold Roll Pointing Machines (Automatic)

Morgan Construction Co., Worcester, Mass.

8081—Cold Rolling Machines

See also Mills, Cold Rolling

Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Yoder Co., Engineering bldg, Cleveland, O.

8082—Cold-Saw Cutting-Off Machines

American Saw Works, Hackettstown, N. J.
Braun J. G., 609 S Paulina, Chicago, Ill.
Burr John T. & Son, 429 Kent av, Brooklyn, N. Y.
Cochrane-Bly Co., Rochester, N. Y.
Earle Gear & Machine Co. ("Lea-Simplex"), Stenton & Wyoming aves, Phila., Pa.
Espen-Lucas Machine Works, Girard av, Phila., Pa.
Ham L. M. Co., 158 Portland, Boston, Mass.
Higley Machine Co., Croton Falls, N. Y.
Hub Machine Welding & Contracting Co. ("Acme"), 22nd & Race, Phila., Pa.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Lea-Courtenay Co., 5 Main, Newark, N. J.
Mackintosh, Hemphill & Co. (Horizontal, for Rolling Mills, etc.), Pittsburg, Pa.
Modern Machine Tool Co., Jackson, Mich.
Newton Machine Tool Works 23 Vine, Phila., Pa.
Nutter & Barnes Co., Hinsdale, N. H.
Roberson W. Machine & Foundry Co. **("Economy"), 56 Rano, Buffalo, N. Y.**
Ryerson Jos. T. & Son ("Ryerson" High Speed Friction), 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Tindel-Morris Co. ("Paragon" High Duty), Eddystone, Pa., & Ellwood City, Pa.
Union Tool Co. ("Hill" Automatic), Orange, Mass.
United Engineering & Foundry Co. (High Speed, Heavy), 207 5th av, Pittsburgh, Pa.
Wetherill R. & Co. (For Steel Foundries), Chester, Pa.

8083—Cold Saw Cutting-Off Machines (Multiple)

Newton Machine Tool Works, 23 Vine, Phila., Pa.

8084—Cold Saw Sharpening Machines

Cochrane-Bly Co., Rochester, N. Y.
Higley Machine Co., Croton Falls, N. Y.
Newton Machine Tool Works, 23d & Vine, Phila., Pa.

8085—Collapsible Tube Closing Machines

Standard Spec. & Tube Co., New Brighton, Pa.

8086—Collapsible Tube Filling Machines

Standard Spec. & Tube Co., New Brighton, Pa.

8087—Collar Folding Machines

Interstate Machinery Co., Troy, N. Y.

8088—Collar Moulding Machines

National Chemical Co. ("Prosperity"), Syracuse, N. Y.

8089—Collar Seam Dampening Machines

American Laundry Machinery Co., Cincinnati, O.
Chicago Laundry Machinery Co. ("Floran"), 213 W Grand, Chicago, Ill.
Interstate Machinery Co., Troy, N. Y.
National Chemical Co., Syracuse, N. Y.
Zeidler Wm. A. Co., 401 E 163d, New York

8090—Collar Shaping Machines

Chicago Laundry Machinery Co. ("Floran"), 213 W Grand av, Chicago, Ill.
Interstate Machinery Co., Troy, N. Y.
Zeidler Wm. A. Co. ("20th Century"), 401 E 163d, New York.

8091—Collar & Cuff Laundry Machinery

Brown E. H. Mfg. Co., Troy, N. Y.
Troy Laundry Machinery Co. (Ltd.), 23d & La Salle, Chicago, Ill.

8092—Comb & Hair Pin Machinery & Tools

Baird Machine Co. (Automatic, Hair Pin Machinery), Bridgeport, Conn.
Cook F. H. & Co. (Horn, Tortoise Shell, Celluloid or Rubber), Leominster, Mass.
Grimes & Harris (Horn), Leominster, Mass.

8093—Commutator Slotting Machines

Electric Service Supplies Co. ("Peerless"), 17th & Cambria, Phila., Pa.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Wood Chas. N. Co., 14 Federal, Boston, **Mass.**

8094—Compressed Yeast Machinery

Erhart Chris, 1237 W 6th, Cincinnati, O.

8095— Computing Machines

See also Adding Machines

Barrett Adding Machine Co. (Portable), Bulletin bldg, Phila., Pa.
Comptograph Co., 14 S La Salle, Chicago, Ill.
Mechanical Accountant Co., 17 Warren, Providence, R. I.
National Scale Co. (National Counting), 11 Hendricks, Chicopee Falls, Mass.
Underwood Computing Machine Co., 260 Gold, Brooklyn, N. Y.

Concentrating Machinery

See Concentrators

Concrete Brick Machines

See Cement Brick Machines

8096—Concrete Building Block Machinery

Anchor Concrete Stone Co., Rock Rapids, Ia.
Architectural Mold Co., Warren & Medrum avs, Detroit, Mich.
Besser Mfg. Co. ("Eureka"), Alpena, Mich.
Bragstad Concrete Machy. Co., Canton, S. Dak.
Cardington Cabinet Co. ("Diamond"), Cardington, O.
Cement Machy. Co. ("Monarch"), Jackson, Mich.
Cement Tile Machy. Co., Waterloo, Ia.
Century Cement Machine Co. ("Hercules"), Rochester, N. Y.
Colgan Machinery & Supply Co., Columbus, O.
Concrete Stone & Sand Co. ("Pautey," Wax Machines), Youngstown, O.
Dunn W. E. Mfg. Co., Holland, Mich.
Enterprise Foundry Co. ("Perfection") Rochester, N. Y.
Ferguson Synstone Co., Denver, Col.
Foote J. B. Foundry Co., Frederickstown, Ohio
Francis Machinery Co., St. Louis, Mo.
Hall, J. P., ft Henderson, 588 Central av, Jersey City, N. J.
Hayden Automatic Block Machine Co. ("Hayden"), Columbus, O.
Hobbs Concrete Mach. Co., 1445 W Gd blvd, Detroit, Mich.
Hydraulic Press Mfg. Co., Mount Gilead, Ohio
Ideal Concrete Machinery Co. ("Ideal"), 1346 Monmouth av, Cincinnati, O.
Jaeger Machine Co. ("Jaeger-Keny" Hydraulic), 490 Dublin av, Columbus, O.
Lansing Co., Lansing, Mich.
McKenzie Bros. Mfg. Co., La Crosse, Wis.
Miles Co., Jackson, Mich.
Monarch Mfg. Corp., Boone, Ia.
Moore Plow & Implement Co., Greenville, Mich.
Multiplex Concrete Machinery Co. ("Multiplex," Hand Lever), Elmore, O.
Northwestern Steel & Iron Works, Eau Claire, Wis.
Pettyjohn Co., Terre Haute, Ind.
Quinn Wire & Iron Works, Boone, Ia.
Reed Mfg. Co., Springfield, O.
Rempis & Gallmeyer Foundry Co., Grand Rapids, Mich.
Republic Iron Wks., Tecumseh, Mich.
Rowell D. G. ("Samson"), Appleton, Wis.
Sanford Concrete Machinery Co., Toledo, Ohio
Somers Bros. Mfg. Co., Urbana, Ill.
Van Guilder Double Wall Co., Wagner bldg, Rochester, N. Y.
Waterloo Cement Machy. Corp., Waterloo, Ia.
X. L. Concrete Stone Mach. Co., Kansas City, Mo.

CONCRETE BUILDING BLOCK MCHY. —continued

Zagelmeyer Cast Stone Block Machy. Co. (Zagelmeyer System), Bay City, Mich.
Youngstown Engineering Co., Youngstown, O.

Concrete Pipe Machinery

See Cement Sewer Pipe Machinery

Concrete Post Machines

See Cement Post Machinery

Concrete Roofing Tile Machinery

See Cement Shingle Machinery

8097—Concrete Structural Tile Machines

Concrete Stone & Sand Co. ("Pauly," for Partitions, etc), Youngstown, O.
Eberling Mchy. Co., 1319 Williamson bldg, Cleveland, O.
Kramer Automatic Tamper Co., Peoria, Ill.

8098—Condensed Milk Can Machinery

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

8099—Condensed Milk Machinery

Climax Machinery Co. Indianapolis, Ind.
Harris Arthur & Co., 212 N Curtis, Chicago, Ill.
Huetteman & Cramer Co., Mack & Beaufait, Detroit, Mich.
Oat Jos. & Sons, 230 Quarry, Phila., Pa.
Roaters Chas E., Detroit, Mich.
Stickney Henry R. (Can Filling & Syruping, etc), Portland, Me.

8100—Conductor Pipe & Eave Trough Machinery

Canton Foundry & Machine Co. ("Universal"), Canton, O.

Conduit Bending Machines

See Benders, Conduit

8101-2—Conduit Machinery

American Clay Machinery Co., S. Walnut, Bucyrus, O.

8103—Conduit Threading Machines

Cope T. J. ("Cope's"), 1620 Chancellor, Phila., Pa.
Pneumatic Conduit Threader Co., Richmond, Va.

8104—Confectioners' Machinery

See also Dough Mixing & Kneading Machinery, etc
Anderson J. P. & Co. (Mixing Machines, Cutters, Graters, Rools, etc), 422 N 6th, Phila., Pa.
Barbour, Stockwell Co., Cambridgeport, Mass.
Buhr, Pfaff & Co. ("Heilman" Candy **Rolling Machines, etc), 2d & Race,** Cincinnati, O.
Collum Mfg. Co. (Candy & Cream Coolers, Cutters, etc), Hartford, Conn.
Duff P. & Sons (Brandle & Smith Spinning Machines, etc), 918 Duquesneway, Pittsburgh, Pa.
Erny Henry, 75 Fulton, New York
Hilbert Machine Co., 2116 Colerain av, Cincinnati, O.
Hildreth Herbert L. Co. (Candy Pulling Machines, etc), 67 Batterymarch Boston, Mass.
Lange Henry G., 172 N May, Chicago, Ill.
Long W. Z. Co. (Crispette Machines), Springfield, O.
Marquette John &. Sons (Marshmallow Machines), 513 S Eden, Baltimore, Md.
Mills Thos. & Bro. (Mixers, Cutters, Freezers, etc), 8th & Thompson, Phila., Pa.
National Equipment Co., Springfield, Mass.
Racine Confectioners' Machinery Co. (Chocolate Mixers, Syrup Coolers, Cream Beaters, etc.), Racine, Wis.
Rittenhouse Frank (Nougat Cutting Machines, etc), Norristown, Pa.
Savage Bros. Co. (Mixers, Chewing Gum Machines, Revolving Pans, etc), 321 W Austin, Chicago, Ill.
Thomson Machine Co. (Bakers'), Belleville, N. J.
Werner John & Sons (Labor Saving Confectionery Machines), Rochester, N. Y.

Conveying Machinery

See Conveyors of Various Kinds

8105—Cooling Machines (Vegetable Canneries)

Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

Cooperage Machinery

See Barrel, Keg, Stave & Heading Machinery

8106— Coping Machines

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E Cleveland, O.
Ham L. M. Co. ("Ham's"), 158 Portland, Boston, Mass.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Ironton Punch & Shear Co., Ironton, O.
Kling Bros., Engineering Works, 1304 Kingsbury, Chicago, Ill.
Long & Allstatter Co. (Beam Coping, etc), Hamilton, O.
Mackintosh, Hemphill & Co., Pittsburgh, Pa.
Niles-Bement-Pond Co., 111 B'way, New York
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa. *See adv index at end of book*
Rock River Machine Co. ("Badger"), Janesville, Wis.
Williams, White & Co. (Coping & Punching Machines), Moline, Ill.

8107—Copper Converting Machinery

Alliance Machine Co., Alliance, O.
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*

8108—Copper Working Machinery

Portage Lake Foundry & Machine Co., Hancock, Mich.

Cord Wood Sawing & Splitting Machines

See Kindling Wood Machinery

8109— Cordage Machinery

Brownell G. L., Worcester, Mass.
Haskell-Dawes Machine Co., 176 Federal, Boston, Mass.
Kelly R. A. Co., Zenia, O.
Lockwood Mfg. Co., 65 Sumner, East Boston, Mass.
Watson Machine Co., Paterson, N. J.

8110— Core Box Machines

Oliver Machinery Co., Grand Rapids, Mich.
Portland Co. ("Themes"), Portland, Me.
Rochester Barrel Machine Works, Rochester, N. Y.

8111—Core Cutting Machines

Brown Specialty Machinery Co., 2440 W 22d, Chicago, Ill.
Lewis Machinee Co. (Wire), 6303 Central, Cleveland, O.
Wadsworth Core Mach. & Equip. Co., Akron, O.

8112—Core Jarring Machines

Tabor Mfg. Co., 18th & Hamilton, Phila., Pa.
Wadsworth Core Machine & Equipment Co. (Wadsworth-Detroit Jar-Ram, Rollover, Box-Lifting), Akron, O.

8113-4-5—Core Making Machines

Arcade Mfg. Co., ("Arcade" Roll Over), Freeport, Ill.
Berkshire Mfg. Co. ("Acme"), Whitney Porner blk., Cleveland, O.
Brown Specialty Machinery Co. ("Hammer"), 2440 W 22d, Chicago, Ill.
Demmler Wm. & Bro. ("Hewlett"), Kewanee, Ill.
Diamond Clamp & Flask Co. (Jolt Ramming), Richmond, Ind.
HILL & GRIFFITH CO., 1248 State av, Cincinnati, O., and Birmingham, Ala. *See adv index at end of book*
International Molding Machine Co., 2614 W 16th, Chicago, Ill.
McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.
Midland Machine Co. ("Grimes" Jolt Ramming), Detroit, Mich.
Wadsworth Core Machine & Equipment Co., Akron, O.

8116—Core Tapering Machines

Brown Specialty Machinery Co., 2440 W 22d, Chicago, Ill.
Wadsworth Core Machine & Equipment Co., Akron, O.

8117—Core Testing Machines

Wadsworth Core Machine & Equipment Co., Akron, O.

8118—*Cork Compound Mixing Machines

Werner & Pfleiderer Co., 1232 No. Niagara, Saginaw, Mich.
See adv index at end of book

8119—Cork Cutting Machinery

Abbe Engineering Co., 220 Bway, New York. *See adv index at end of book*
Barber M. A., Norwich, Conn.

8120— Cork Machinery

Abbe Engineering Co., 220 B'way, New York. *See adv index at end of book*
Lester & Wasley Co., Norwich, Conn.

Corking Machines

See Bottle Corking Machines.

8121—Corking Machines (Preservers')

VILTER MFG. CO., 1046 Clinton, Milwaukee, Wis. *See adv index at end of book*

8122—Corn Cutting Machines

Morral Bros., Morral, O.
Sprague Canning Machinery Co. (For Canners), 222 N Wabash av, Chicago, Ill.
Superior Hay Stacker Mfg. Co., Linneus, Mo.
Voss Bros. Mfg. Co. ("Little Giant"), Davenport, Ia.

8123—Corn Husking Machines

Huntley Mfg. Co. ("Monitor" for Green Corn), Silver Creek, N. Y.
Invincible Grain Cleaner Co. ("Invincible"), Silver Creek, N. Y.
Morral Bros., Morral, O.
Peerless Husker Co. ("Peerless"), 523 Cornwall, Buffalo, N. Y.

8124— Corn Mill Machinery

Blymyer Iron Works Co. (Cleaners, Shellers, Crushers, etc), Cincinnati, O.
French Oil Mill Machinery Co., Piqua, O.
Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor" Cleaners, Graders, Scourers, Polishers, Cracked Corn Separators & Graders, Corn Meal Bolters & Refiners), Silver Creek, N. Y.
Invincible Grain Cleaner Co. (Scourers & Separators), Silver Creek, N. Y.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Sprout, Waldron & Co., Muncy, Pa.
Starr B. F. Co., Guilford av & Center, Baltimore, Md.
Union Iron Works, Decatur, Ill.
Wolf Co., Chambersburg, Pa.

8125—Corn Mixing Machines

Sprague Canning Machinery Co. (For Canners), 222 N Wabash av, Chicago, Ill.

8126— Corn Oil Machinery

Buckeye Iron & Brass Works, Dayton, O.
Callahan W. P. Co., Dayton, O.
ELMES CHAS. F. ENGINEERING WORKS (INC.), cor. Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
French Oil Mill Machinery Co., Piqua, O.
Platt Iron Works Co., Dayton, O.

Corn Shelling Machines

See Shellers, Corn

8127—Corn Silking Machines

Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.
Morral Bros., Morral, O.
Sprague Canning **Machinery Co. (For Canners)**, 222 N Wabash av, Chicago, Ill.

8128—*Cornice Makers' Machinery

See also Sheet Metal Workers' Machines & Tools; also Cornice Brakes
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*

8129—Corporation Cock Inserting Machines

Hays Mfg. Co., Erie, Pa.
Mueller H. Mfg. Co., Decatur, Ill.
Smith A. P. Mfg. Co. ("Shelley," for Water Works), East Orange, N. J.

8130—Corrugated Joint Fastener Driving Machines

Morgan Machine Co., Rochester, N. Y.
Saranac Machine Co. ("Saranac"), Benton Harbor, Mich.

8131—Corrugated Paper Machinery

Paper Working Machine Co., Ave. U, Brooklyn, N. Y.
Potdevin Machine Co., 1221 38th, Brooklyn, N. Y.

Corrugated Paper Printing Machines

See Box Board Printing Machines

8132— Corrugating Machines

See also Sheet Metal Workers' Machines & Tools
Erie Foundry Co., Erie, Pa.
Keene Geo. C. & Co., 2327 Florence av, Cincinnati, O.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book
Peck, Stow & Wilcox Co., Southington, Conn.
Poorman O. O. Co. (Roll), New Bremen, O.
Robinson J. M. Mfg. Co., Cincinnati, O.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Topeka Foundry & Mfg. Co., Topeka, Kan.

8133— Corset Machinery

Adams A. L., Bridgeport, Conn.
Nilson A. H. Machine Co. (Automatic Eye Feeders, Stud Rivetting & Corset Steel Covering), Bridgeport, Conn.

8134— Cotter Pin Machinery

Baird Machine Co. (Automatic), Bridgeport, Conn.
Nilson A. H. Machine Co. (Automatic), Bridgeport, Conn.
SHUSTER F. B. CO., (Automatic), Cedar Hills, New Haven, Conn.
See adv index at end of book

8135—Cotton Cleaning Machines

Dickerson Cotton Cleaner Co., Ft. Worth, Tex.
Empire Duplex Gin Co., 346 Broadway, New York
Saco-Lowell Shops (For Cleaning & Preparing Cotton For Medical Purpose), Boston, Mass.

8136—Cotton Ginning Machinery

Adams W. T. Machine Co. (Handles), Corinth, Miss.
Alsop Process Co. ("Alsop" Boll Extractor), St. Louis, Mo.
American Machine & Mfg. Co., Greenville, S. C.
Avery B. F. & Sons (Handles), Louisville, Ky.
Brown Cotton Gin Co., New London, Conn
Carver Cotton Gin Co., East Bridgewater, Mass.
Continental Gin Co. ("Winship," "Smith," "Munger," "Eagle," "Pratt"), Birmingham, Ala.
Empire Duplex Gin Co., 346 Broadway, New York
Gantt Mfg. Co., Macon, Ga.
Georgia Agricultural Works (Georgia Centennial Cotton Gin, Feeder & Condenser, Suction Elevators & Other Cotton Ginning Specialties), Fort Valley, Ga.
Gullett Gin Co., Amite City, La.
Houston Car Wheel & Machine Co., Houston, Tex.
Kelly G. A. Plow Co. (Handles), Longview, Tex.
Liddell Co., Charlotte, N. C.
Lummus Cotton Gin Co. (Air Blast), Columbus, Ga.
Massey Gin & Machine Works, Macon, Ga.
Murray Co., Dallas, Tex.

Cotton Machinery

See Textile Machinery, etc. For page number consult Index of Contents.

8137—Cottonseed Oil Machinery

American Machine & Mfg. Co., Greenville, S. C.
Atlanta Mfg. & Supply Co., Atlanta, Ga.
Bauer Bros. Co. (Disc Hullers, Cake Breakers, Attrition Mills, Crushers, Separators, Shakers & Cleaners), Bauer bldg, Springfield, O.
Brown Cotton Gin Co., New London, Conn.
Buckeye Iron & Brass Works, Dayton, O.
Callahan W. P. Co., Dayton, O.
Cardwell Machine Co., 1900 E Cary, Richmond, Va.
Carver Cotton Gin Co., East Bridgewater, Mass.
Columbus Machine & Foundry Co., Columbus, O.
Continental Gin Co. (Linter Feeders, Condensers, Presses, etc), Birmingham, Ala.
French Oil Mill Machinery Co., Piqua, O.
Houston Car Wheel & Machine Co., Houston, Tex.
Lombard Iron Works & Supply Co., Augusta, Ga.
Murray Co., Dallas, Texas
Platt Iron Works Co., Dayton, O.
Sprout Waldron & Co., Muncy, Pa.

8138—Cotton Picking Machines

Price-Campbell Cotton Picker Corp., 15 Wall, New York

8139— Cotton Tie Machines

Columbus Truck & Supply Mfg. Co. (Also Cleaning), Columbus, Ga.
West Point Iron Works, West Point, Ga.

8140—Cotton Waste Reclaiming Machines

Smith & Burbush Machine Co., Hancock & Somerset, Phila., Pa.

8141— Counting Machines

Burgess & Norton Mfg. Co. ("Bur-Nor"), Geneva, Ill.
Computing Scale Co., Dayton, O.
Durant Mfg. Co. ("The Productimeter"), 655 Buffum, Milwaukee, Wis.
Durbrow & Hearne Mfg. Co., 12 Wooster, New York
Grant Mfg. & Machine Co., Bridgeport, Conn.
National Scale Co. ("National" For Counting Parts & Pieces), 11 Hendricks, Chicopee Falls, Mass.
Redington F. B. Co., 112 S Sangamon, Chicago, Ill.
Richardson Scale Co. ("Richardson" Reciprocating), Passaic, N. J.
Root Chas. J. ("Elm City," "Bristol," "Roco"), Bristol, Conn.
Sheppard J. E. Co. ("Peerless"), Worcester, Mass.
Veeder Mfg. Co., Hartford, Conn.

8142—Coupling Bending Machines

Pipe Machinery Co. (Pipe Mill), Cleveland, Ohio
United Engineering & Foundry Co. (For Rolling Mills), 307 5th av, Pittsburgh, Pa.

8143—Coupling Expanding Machines

Larkin Mfg. Co. ("Buckley" Hydraulic), Dayton, O.
United Engineering & Foundry Co., 307 5th av, Pittsburgh, Pa.

8144—Coupling Rolling Machines

United Engineering & Foundry Co., 307 5th av, Pittsburgh, Pa.

8145—Coupling Screwing Machines

Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

8146—Coupling & Pulley Forcing Machines

Woonsocket Machine & Press Co., Woonsocket, R. I.

8147—Cow Milking Machines

Burrell D. H. & Co. ("B-L-K"), Little Falls, N. Y.
Dairy Specialty Co. ("Sharples"), Westchester, Pa.
Groff F. A. & Son, St. Johnsville, N. Y.
Hinman Milking Machine Co., Oneida, N. Y.
Mehring Wm. M., Keymar, Mich.
Mullins Mfg. Co., Brillion, Wis.
Perfection Mfg. Co., 2600 E 26th, Minneapolis, Minn.
Sharples Separator Co., West Chester, Pa.
Starch Bros. Co. ("Victory"), La Crosse, Wis.
Success Milking Machine Co., 709 Chestnut, Milwaukee, Wis.
Universal Milking Machine Co., 18 W Mound, Columbus, O.
Waterloo Gasoline Engine Co. ("Waterloo Boy"), Waterloo, Ia.
Wisconsin Sanitary Cow Milkers Co., Watertown, Wis.

8148—*Cracker & Biscuit Box Machinery (Sheet Metal)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

8149—Cracker & Biscuit Machinery

Bakers Joseph, Ltd. (Imp.), 233 B'way, New York
Champion Machinery Co., Joliet, Ill.
Day J. H. Co., Cincinnati, O.
Green Thos. L. & Co., Indianapolis, Ind.
Rockwell L. A. Co. ("Excelsior" Biscuit), 430 Smith, Brooklyn, N. Y.
Werner & Pfleiderer Co., 1232 No. Niagara, Saginaw, Mich.
See adv index at end of book

8150—Cranberry Assorting Machines

Trenton Pattern Works, Trenton, N. J.

8151—Crank Pin Turning Machines

Niles-Bement-Pond Co., 111 B'way, New York
Pedrick Tool & Mach. Co., 7642 N Lawrence, Phila, Pa.
Stow Flexible Shaft Co., 26th & Callowhill, Phila., Pa.
Street R. R. & Co., Inc., 549 Washington blvd, Chicago, Ill.
Tindel, Morris Co. (Lathes), Eddystone, Pa.
Underwood H. B. & Co. (Portable), 1023 Hamilton, Phila., Pa.

8152—Crank Shaft Cold Saw Cutting Off Machines

Newton Machine Tool Works (Inserted Tooth Saw Blade), 23d & Vine, Phila., Pa.

8153— Crate Machinery

Chase Turbine Mfg. Co., Orange, Mass.
Saranac Machine Co., Benton Harbor, Mich.
Wheland Company, Chattanooga, Tenn.

8154—Crate Slat Cutting Machines

Trevor Mfg. Co., Lockport, N. Y.

8154a— Crayon Machinery

Huber Machy. Co., 261 46th, B'klyn, N. Y.

8155— Creamery Machinery

See also Separators, Cream

Advance Dairy Machy Co., Canton, Ohio
Burrell D. H. & Co., Little Falls, N. Y.
Chapman C. L. Cream Separator Works, Erie, Pa.
Cherry J. G. Co. ("Perfection" Churns, "Friday" Butter Printer, "Jensen" Ripeners & Pasteurizers), Cedar Rapids, Ia.
Clinton Mfg. Co., Clinton, Wis.
Creamery Package Mfg. Co., 61 W Kinzie, Chicago, Ill.
Dairy Machinery & Cons. Co., Derby, Conn.
Dairy Specialty Co. ("Babcock" Milk Tester, Milking Machines, etc), West Chester, Pa.
Dobson Mfg. Co., Rockford, Ill.
Gehl M. C. Co., 3002 Meinecke av, Milwaukee, Wis.
Jensen Creamery Machinery Co., 68 Hunters Pt. av, Long Island City, N. Y.
Jones Frank L., Utica, N. Y.
National Dairy Machine Co., Goshen, Ind.
Oakes & Burger Co., Cattaraugus, N. Y.
Reid A. H. Creamery & Dairy Supply Co., 69th & Haverford, Phila., Pa.
Rice & Adams, Buffalo, N. Y.
Vermont Farm Machine Co., Bellows Falls, Vt.

8156—Creasing Machines (Paper, Cloth & Strawboard)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.

8157—*Crimping Machines for Tops on Tooth Powder Boxes

AMERICAN CAN CO. (Machinery Dept.), Monroe bldg, Chicago, Ill.
See adv index at end of book

8158—Crimping Machines (Varnish Can Nozzle)

Consolidated Fruit Jar Co., New Brunswick, N. J.

8159—Crimping & Beading Machines

See also Sheet Metal Workers' Machine & Tools

AMERICAN CAN CO. (Machinery Dept.), ("Rudolphi & Krummel"), Monroe bldg, Chicago, Ill.
See adv index at end of book
BLISS E. W. CO. (Sheet Metal), 19 Adams, Brooklyn, N. Y.
See adv index at end of book
Busch J. C. Co. (Hand), 140 Ferry, Milwaukee, Wis.
Ferracute Machine Co., Bridgton, N. J.
Kardong Bros., Minneapolis, Minn.
Leffler Chas. & Co. (For Can Makers, etc), 59 Clymer, Brooklyn, N. Y.
See adv index at end of book
Loy & Nawrath Co., 25 Runyon, Newark, N. J.
Metz & Bowles (Beading), Clinton, Ill.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*
Packham Crimper Co. ("Packham" Stove & Conductor Pipe Crimpers), Mechanicsburg, Ohio
Peck, Stow & Wilcox Co., Southington, Conn.
Robinson J. M. Mfg. Co., Cincinnati, O.
Ryerson Jos. T. & Son (Crimping), 2558 W 16th, Chicago, Ill.
See adv index at end of book
Slaysman & Co. (Canmakers'), cor Pratt & President, Baltimore, Md.
Swaine Fred J. Mfg. Co., 7th & O'Fallon, St. Louis, Mo.
Wheeler W. A. ("Lightning" Crimper), Indianapolis, Ind.
Wold, Torris & Co. (For Can Makers), 240 N Ashland av, Chicago, Ill.

8160—Cross Cut Bolting Saw Machines

Rochester Barrel Machine Works, Rochester, N. Y.

Cross Cut Sawing Machines

See Drag Sawing Machines

Cross Tie Machines

See Railroad Cross Tie Machines

8160a—*Crucible Machinery

CROSSLEY MACHINE CO. (Mixers, Jiggers, Whirlers, Pug Mills, etc), State & Chestnut av, Trenton, N. J.
See adv index at end of book

8161—*Crucible Paste Mixing Machinery

WERNER & PLEIDERER CO., 1232 N Niagara, Saginaw, Mich.
See adv index at end of book

8162— Cupel Machines

Braun Corporation ("Braun" Produce Homogeneous Cupels), Los Angeles, Cal.
Braun-Kuecht-Heinmann Co. ("Braun"), 576 Mission, San Francisco, Cal.
Calkins Co. ("Advance"), Los Angeles, Cal.
Denver Fire Clay Co. ("Iler"), Denver, Colo.
Iler Fdry. & Mfg. Co., 604 E 82d, Cleveland, O.

8163—Curled Hair Machinery

Hood R. H. Co., 1842 Germantown av, Phila., Pa.

8164—Curtain Pole Machines

Heath W. A. Machine Co., Lestershire, N. Y.
Smith H. B. Machine Co., Smithville, N. J.

8165—Curtain Pole Sanding & Finishing Machines

Pringle & Brodie, 514 S Canal, Chicago, Ill.

8166—Cutlery Polishing Machines

Dilg Mfg. & Trading Co. ("Acme," "Defiance" Renovator & Polishers), 401 E 163d, New York

8167—Cutting Machines (for Fabrics)

American Electric Cutting Mach. Co., 410 E 32d, New York
Cameron Mach. Co., 61 Poplar, Brooklyn, N. Y. *See adv index at end of book*
Eastman Machine Co. ("Eastman"), 779 Washington, Buffalo, N. Y.
Hurlbut-Rogers Machinery Co., S Sudbury, Mass.
Maimin H. Co., 251 W 19th, New York
Oswego Machine Works, Oswego, N. Y.
Universal Cutter Co., 4567 Scott av, St. Louis, Mo.
U. S. Cloth Cutting Mach. Co., 414 W Broadway, New York
Wolf Elec'l Promoting Co., 5th & Sycamore, Cincinnati, O.
Wildman Mfg. Co., Norristown, Pa.
Wright C. E. Co., Kenilworth, N. J.

Cutting-Off Machines (Cold Metal)

See Metal Cutting-Off Machines; also Cold Saw Cutting-Off Machines

Cutting-Off Machines (Wood)

See Wood Cutting-Off Machines

8168—Cutting-Off and Centering Machines

Etna Machine Co. ("Holton" for Gas Pipe, Small Bars, etc), Toledo, O.

Cyanide Machinery

See Cyanide Plants

8170— Dado Machines

Amer. Woodwkg. Machy. Co., Rochester, N. Y.
Bentel & Margedant Co., Hamilton, O.
Cordesman-Rechtin Co., Butler, Cincinnati, O.
Hall & Brown Woodworking Machine Co. (Combination Saw & Dado Machines), 1913 N B'way, St. Louis, Mo.
Jones Superior Machine Co. ("Superior" Combination Saw & Dado Machine), 1264 W North av, Chicago, Ill.
New Britain Machine Co. ("New Britain," Window Frame), 190 Chestnut, New Britain, Conn.

Dairy Machinery

See Creamery Machinery

8171— Damasking Machines

STARK TOOL CO. ("Stark," Automatic), Waltham, Mass.
See adv index at end of book

8172— Dating Machines

American Perforator Co. (Perforators), 621 W Jackson blvd, Chicago, Ill.
See adv index at end of book
American Railway Supply Co., 134 Charles, New York
Cummins B. T. Co. (Label), 4740 W Ravenswood av, Chicago, Ill.
Force W. A. & Co., 535 Pearl, New York
Roberts Numbering Mach. Co. ("Bates" Automatic), 706 Jamaica av, Brooklyn, N. Y.
Traut & Hine Mfg. Co. ("Climax"), New Britain, Conn.

8173—Diamond Drilling Machines

Lake Shore Engine Works, Marquette, Mich.

8174— Dictating Machines

Amer. Parlograph Corp., 123 Liberty, New York
Columbia Graphophone Co. ("Dictaphone"), 233 B'way, New York
Edison Thomas A., Orange, N. J.

8175— Die Casting Machines

Indiana Die Casting Development Co. (Rotary), Indianapolis, Ind.
Soss Mfg. Co., 435 Atlantic av, Brooklyn, N. Y.

8176—Die Chamfering Machines

Hartford Machine Screw Co., Hartford, Conn.

8177—Die Cutting Machines

Garvin Machine Co., 147 Varick, New York
Keller Mechanical Engraving Co., 70 Washington, Brooklyn, N. Y.

8177a—*Die Forming Machines

Anderson Die Machine Co. ("Anderson"), 544 Traniston av, Bridgeport, Conn.
See adv index at end of book

8177b—*Die Muzzling Machines

Anderson Die Machine Co. ("Anderson" For Relieving Threading Dies), Bridgeport, Conn. *See adv index at end of book*
Cleveland Milling Machine Co., 18511 Euclid av, Cleveland, O.

8178—Die Plate Hammering Machines

Bates Machine Co., Joliet, Ill.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

8179—Die Sharpening Machines

National Machinery Co., Tiffin, O.

8180— Die Sinking Machines

Becker Milling Machine Co., Hyde Park, Mass.
Jackson Machine Tool Co., Jackson, Mich.
Newton Mach. Tool Works, 23d & Vine, Phila., Pa.
Perkins Henry Co. (Die Making), Bridgewater, Mass.
Pratt & Whitney Co., Hartford, Conn.
Royle Jno. & Sons (Routers), Paterson, N. J.

8181—Die Sinking & Milling Machines (Combined)

Newton Mach. Tool Works, 23d & Vine, Phila., Pa.
SIMMONS MACHINE CO. INC., 937 Broadway, Albany, N. Y.
See adv index at end of book

8182—Die Slotting & Shaping Machines

Cochrane-Bly Co., Rochester, N. Y.

8182b— *Digging Machinery

See also Ditching Machines; also Shovels, Steam

THE HAYWARD COMPANY
DIGGING MACHINERY
50 CHURCH STREET, NEW YORK
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8183—*Digging Machinery (Canal)

See also Shovels, Steam

HAYWARD CO., THE 50 Church, New York *See adv index at end of book*

Disc Notching Machines (Armature)

See Armature Disc Notching Machines

8184—Disc Sanding Machines

Bentel & Margedant Co., Hamilton, O.
Oliver Machinery Co., Grand Rapids, Mich.

8185—Dish Washing Machines

Blakeslee G. S. & Co. 2856 Quinn, Chicago, Ill.
Bromley-Merseles Mfg. Co. ("Garis-Cochrane," "Crescent"), 837 Larrabie, Chicago, Ill.
Cary, Davis Co. ("Kitchenette"), 42 Pearl, Buffalo, N. Y.
Campbell Wm. Co., 160 Addison, Detroit, Mich.
Crystal Washing Machine Co., 18 Piquette, Detroit, Mich.
Domestic Utilities Co., Newark, N. J.
Dunn Mfg. Co., 180 N Dearborn, Chicago, Ill.
Fearless Dish Washer Co., Rochester, N. Y.
Hamilton-Low Co. ("Vortex"), 145 E 42d, New York
Hershey & Sexton Co., 833 Chestnut, Phila., Pa.
Indianapolis Corrugating Co. (Peerless Power), Indianapolis, Ind.
Insinger Co., Stenton av, Phila., Pa.
Kitchen Service Co., 37 W Van Buren, Chicago, Ill.
See adv index at end of book
McFarland-Hyde Co., 2701 S 5th av, Chicago, Ill.
Metropolitan Engrg. Co., 35 Vesey, New York
Morgan Spring Co., Worcester, Mass.
National Dish Water Co. ("Little Giant"), Binghamton, N. Y.
Success Dish Washing Machine Co., Wooster, O
Walker Bros. Co., Syracuse, N. Y.
Western Elec. Co., 463 West, New York
Wrought Iron Range Co., 5661 Natural Bridge av, St. Louis, Mo.

8186—Disinfecting Machinery

American Sterlizer Co., Erie., Pa.
Kny-Scheerer Co., 404 W 27th, New York
McLauthlin Geo. T. Co., 120 Fulton, Boston, Mass.
Vogel Wm. & Bros. (Automatic Drip), 37 S 9th, Brooklyn, N. Y.

8186a— Dissolving Machines

Lummers Walter E. Co. (For Caustic Soda & Similar Lump Chemicals), 173 Milk, Boston, Mass.

8187— Distillers' Machinery

Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
Grainger & Co., Louisvville, Ky.
Kaestner & Hecht Co., 500 Throop, Chicago, Ill.
Lummus Walter E. Co. (Periodic & Automatic Continuous Machines for Volatile Liquids), 173 Milk, Boston, Mass.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Simpson-Orville Co., Cincinnati, O.

8188— Ditching Machines

See also Road Machines & Graders; also Road Scrapers, Drag & Wheel; also Shovels, Steam; also Ditching Machines, Traction
American Road Machinery Co., Kennett sq., Pa.
Austin F. C. Drainage Excavator Co., Ry. Exch. bldg, Chicago, Ill.
Bay City Dredge Works, Bay City, Mich.
Buckeye Traction Ditcher Co. (Traction), Findlay, O.
Edwards C. D., Albert Lea, Minn.
Enterprise Co., Columbiana, O.
Good Roads Machinery Co., Kennett Square, Pa.

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DIGGING MACHINERY
50 CHURCH STREET, NEW YORK
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International Ditching & Road Machinery Co., Owensboro, Ky.
Iowa Ditching Machine Co. ("Iowa," Tile Ditcher), Mt. Pleasant, Ia.
Jeschke Mfg. Co., Bellevue, O.
Keystone Driller Co., Beaver Falls, Pa.
Marion Steam Shovel Co., P. O. Box 505, Marion, O.
Osgood Co., Marion, Ohio
Owensboro Ditcher & Grader, Owensboro, Ky.
Parsons G. W. Co., Newton, Ia.
Russell Grader Mfg. Co. ("Russell" Grader & Ditcher), 2005 Univ. av, S E, Minneapolis, Minn.
Sargent Tile Ditcher Co. ("Sargent" Tile Ditcher), Ft. Dodge, Ia.
Smith & Sons Mfg. Co., Kansas City Mo.
Umstead Power Ditcher, Upper Sandusky, Ohio
United Iron Works Co. ("Bowman" "Turner Drg Line"), Kansas Ciay, Mo.
Wickes Bros., Saginaw, Mich.
See adv index at end of book

8189—Ditching Machines (Railroad)

See also Ditching Machines; also Shovels Steam

American Hoist & Derrick Co. ("American"), St. Paul, Minn.
Austin Mfg. Co., 910 S Mich. av, Chicago, Ill.
Buckeye Traction Ditcher Co. ("Buckeye" Traction Ditcher), Findlay, O.
Mahoney Railroad Ditching Machine Co., Vincennes, Ind.
Marion Steam Shovel Co., P. O. Box 505, Marion, O.
Parsons G. W. Co., Newton, Pa.
United Iron Works Co. ("Bowman"), Kansas City, Mo.
Western Wheeled Scraper Co., Aurora, Ill.

8190—Ditching Machines (Tile)

Austin F. C. Co. Inc., R'y Exch. bldg, Chicago, Ill.
Bennet H. L. & Co. ("Bennet"), Westerville, O.
Buckeye Traction Ditcher Co. ("Buckeye" Gasoline & Traction), Findlay, O.
Iowa Ditching Machine Co. ("Iowa"), Mt. Pleasant, Ia.
Jeschke Mfg. Co. ("Cyclone"), Bellevue, Ohio
St. Paul Machinery Mfg. Co. ("Hovland"), Como & Marion, St. Paul, Minn.

8191—Ditching Machines (Traction)

See also Ditching Machines
Buckeye Traction Ditcher Co., Findlay, O.
Marion Steam Shovel Co., P. O. Box 505, Marion, O.
Parsons G. W. Co., Newton, Ia.

8192—Double Seam & False Wire Machines

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Wold, Torris & Co. (For Can Makers), 240 N Ashland av, Chicago, Ill.

8193— Double Seaming Machines

Adriance Machine Works (Automatic), 80 Richard, Brooklyn, N. Y.
AMERICAN CAN CO. (Machinery Dept.), "Rudolphi & Krummel," for Tin & Sheet Metal Work), Monroe bldg, Chicago, Ill. *See adv index at end of book*
Ams Max Machine Co. (For Round & Square Cans), Bridgeport, Conn.
BLISS E. W. Co. (Sheet Metal), 19 Adams, Brooklyn, N. Y.
See adv index at end of book
Hibbard Wm. H. Mfg. Co., 79 Washington, Brooklyn, N. Y.
Leffler Chas. & Co. (For Can Makers, etc), 59 Clymer, Brooklyn, N. Y.
See adv index at end of book
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*
Peck, Stow & Wilcox Co., Southington, Conn.
Robinson J. M. Mfg. Co., Cincinnati, O.
Swaine Fred. J. Mfg. Co., 7th & O'Fallon, St. Louis, Mo.
Toledo Machine & Tool Co., Toledo, O.
Zeh & Hahnemann Co., Vanderpool, Newark, N. J.

8194—Dough Braking Machines

Champion Machinery Co. (Automatic), Joliet, Ill.
Rockwell L. A. Co. (Upright & Reversible), 430 Smith, Brooklyn, N. Y.
WERNER & PFLEIDERER CO., 1232 N. Niagara, Saginaw, Mich.
See adv index at end of book

8195— Dough Dividing Machines

American Bakers Machinery Co., 2121 N 9th, St. Louis, Mo.
Champion Machinery Co. ("Champion"), Joliet, Ill.
Day J. H. Co., Cincinnati, O.
Dutchess Tool Co. "Van Houten" Automatic), Fishkill on Hudson, N. Y.
Katzinger Edw. Co. ("Ekco" Automatic), 122 N Peoria, Chicago, Ill.
Triumph Mfg. Co. ("Triumph"), Cincinnati, O.
WERNER & PFLEIDERER CO., 1232 No. Niagara, Saginaw, Mich.
See adv index at end of book
Zoeller Wm. Co. ("36 Part"), 325 N Curtis, Chicago, Ill.

8196—Dough Mixing & Kneading Machinery

See also Mixers, Bread

American Bakers Machinery Co., 2121 N 9th, St. Louis, Mo.
American Oven & Machine Co. ("New Era"), 111 W Wash., Chicago, Ill.
Champion Machinery Co., Joliet, Ill.
Christiana Machine Co., Christiana, Pa.
Day J. H. Co., Cincinnati, O.
Elmes Chas. F. Engineering Works Inc., cor. Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
Jaburg Bros, 10 Leonard, New York
Oelman Curt, 224 St. Antonie, Detroit, Mich.
Read Machinery Co., York, Pa.
Rockwell L. A. Co., 430 Smith, Brook- N. Y.
Triumph Mfg. Co. ("Triumph"), Cincinnati, O.
WERNER & PFLEIDERER CO., 1232 No. Niagara (78 Different Classes & Types), Saginaw, Mich.
See adv index at end of book

8197— Dough Moulding Machines

American Bakers Machinery Co., 2121 N 9th, St. Louis, Mo.
Day J. H. Co., Cincinnati, O.
Thomson Machine Co. ("Thomson," Combination Roll), Belleville, N. J.
Triumph Mfg. Co., Cincinnati, O.
WERNER & PFLEIDERER CO., 1232 N. Niagara, Saginaw, Mich .
See adv index at end of book

8198—Dovetail Glue Matching Machines

Linderman Machine Co., Muskegon, Mich.

8199— Dovetail Machines

American Steam Pump Co. ("Boult's"), Battle Creek, Mich.
Bentel & Margedant Co., Hamilton, O.
Dodds Alex. Co. (Gang), Grand Rapids, Mich.
Fay J. A. & Egan Co., Cincinnati, O.
Fischer Machine Works (Single), 1845 Carroll av, Chicago, Ill.
Goodspeed Machine Co. ("Stimpson's"), Winchendon, Mass.
Linderman Machine Co., Muskegon, Mich.
St. Paul Machinery Mfg. Co., Como & Marion, St. Paul, Minn.

8200—Dowel Cutting & Pointing Machines

Dauber Bell Machine Co., Oshkosh, Wis.

8201—Dowel Door Machinery

Hayes E. B. Machy. Corp., Oshkosh, Wis.
Wilkin-Challoner Co., Oshkosh, Wis.

8202—Dowel Driving Machines

Dauber Bell Machine Co., Oshkosh, Wis.

Dowel Machines

See Rod, Pin & Dowel Machinery

8203— Dowelling Machines

Goodell-Pratt Co., Greenfield, Mass.

8204— Drafting Machines

Universcal Drafting Machine Co., 1426 W 3d, Cleveland, Ohio.

8205—Drag Sawing Machines

Appleton Mfg. Co. ("Hero"), Batavia, Ill.
Atkins E. C. & Co., Indianapolis, Ind.
Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Challoner Co., Oshkosh, Wis.
Cocker Saw Mfg. Co., Lockport, N. Y.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Farquhar A. B. Co. (Ltd.), York, Pa.
Heebner & Sons (Horse Power), Lansdale, Pa.
Henderson W. K. Iron Works & Supply Co., Shreveport, La.
Hoe R. & Co., 504 Grand, New York
Howell R. R. & Co., 31st av, Minneapolis, Minn.
Ireland Machine & Foundry Co., Norwich, N. Y.
Kline Lewis T., Alpena, Mich.
Leland Equipment Co., 126 Pine, San Francisco, Cal.
Rochester Barrel Mach. Wks., Rochester, N. Y.
Wade R. M. & Co. (Gasoline, 4 H. P.), 942 Hawthorne av, Portland, Ore.

8206— Drain Tile Machinery

See also Cement Sewer Pipe Machinery
American Clay Machinery Co., S Walnut, Bucyrus, O.
Arnold-Creager Co., New London, O.
Bonnot Co., Canton, O.
Brazil Machine & Foundry Co., Brazil, Ind.
Brewer H. & Co., Tecumseh, Mich.
Cardington Cabinet Co. (Hand), Cardington, O.
Century Cement Machine Co., Rochester, N. Y.
Fate J. D. Co., Plymouth, O.
Freese E. M. & Co., Gallon, O.
International Clay Machy. Co., Dayton, O.
Monarch Mfg. Corp., Boone, Ia.
Quinn Wire & Iron Works, Boone, Ia.
Sioux City Engine & Machy. Co. ("McCracken"), Sioux City, Ia.
Wallace Mfg. Co., Frankfort, Ind.

8207—Draw Bridge Machinery

See also Bridge Machinery for Bascule Bridges
Currier Cyrus & Sons, 365 Market, Newark, N. J.
Earle Gear & Machine Co., Phila., Pa.
Fairbanks Morse & Co., 900 S Wabash av, Chicago, Ill.
Fawcus Machine Co., 1st Nat Bk bldg, Pittsburgh, Pa.
See adv index at end of book
McMyler-Interstate Co., Bedford, O.
Nichols Geo. P. & Bro. (Electrical), Old Colony bldg, Chicago, Ill.
Smith Theo. & Sons Co., ft Essex, Jersey City, N. J.

8208—Drawer Fitting Machines

Bentel & Margedant Co., Hamilton, O.

8209-10—Dredging Machinery

See also Excavators, Steam; also Excavating Machinery
Atkinson W. H. Co., Hoboken, N. J.
Austin F. C. Co. Inc., Ry Exch. bldg, Chicago, Ill.
Bartlett A. F. & Co., Saginaw, Mich.
Bay City Dredge Works, Bay City, Mich.
Browning Co., E 162d & Waterloo rd N E, Cleveland, O.
BROWNING VICTOR R. & CO., 17701 Lake Shore blvd, Cleveland, O., Mansfield, O., & College Point, New York
See adv index at end of book
Bucyrus Co., South Milwaukee, Wis.
Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
Dibert, Bancroft & Ross Co., Ltd., Tulane & Hagan av, New Orleans, La.
Duncan Forge Co., Toledo, O.
Earle Gear & Machine Co., Stenton & Wyoming, Phila., Pa.
ELLICOTT MACHINE CORP., Bush & Severn, Baltimore, Md.
See adv index at end of book
Fairbanks Steam Shovel Co. (Steam Dredges), Marion, O.
Flory S. Mfg. Co., Bangor, Pa.
Golden State & Miners' Iron Works, 249 1st, San Francisco, Cal.
Hammond Mfg. Co., Kamm bldg, Portland, Ore.
Hardie Tynes Mfg. Co., Birmingham, Ala.

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Houston Car Wheel & Machine Co., Houston, Tex.
Jackson Byron Iron Works, Berkeley, Cal.
Jackson & Church Co., Saginaw, Mich.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
Jennings Pump & Dredge Co., 305 N Mich av, Chicago, Ill.
Krogh Mfg. Co., 147 Beale, San Francisco, Cal.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Manitowoc Engineering Works (Sand), Manitowoc, Wis.
Manitowoc Shipbuilding Co. (Steel & Dipper Dredges), Manitowoc, Wis.
Marine Iron Works, 2036 Dominick, Chicago, Ill.
Marion Steam Shovel Co., P. O. Box 505, Marion, O.
Norbon Engineering Co. (Suction), Denckla bldg, Phila., Pa.
New York Engng. Co. ("Gold"), 2 Rector,, New York
Osgood Co., Marion, Ohio
Pittsburgh Model Engine Co. (4 & 6 cylinder vertical engine), Pittsburgh, Pa.
Portland Co., Portland, Me.
Smith Theo. & Sons Co., ft Essex, Jersey City, N. J.
Stockton Iron Works (Portable), Stockton, Cal.
Superior Iron Works Co., Superior, Wis.
Toledo Foundry & Machine Co., Toledo, O.
Treadwell M. H. Co., 140 Cedar, New York
United Iron Works, Oakland, Cal.
Wickes Bros. (Dry Land), Saginaw, Mich.
See adv index at end of book
Willamette Iron & Steel Works, 462 N Front, Portland, Ore.
YUBA MANUFACTURING CO., Marysville, Cal., & 4331 California, San Francisco, Cal.

8211—Dredging Machinery (Gasoline)

Fairbanks Steam Shovel Co., Marion, O.

8212—Dredging Machinery (Hydraulic)

Bucyrus Co., South Milwaukee, Wis.
Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
ELLICOTT MACHINE CORP., Bush & Severn, Baltimore, Md.
See adv index at end of book

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BALTIMORE, MD.

Great Lakes Engineering Works, Detroit, Mich.
Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.
Manitowoc Ship Building Co. (Steel), Manitowoc, Wis.
Marion Steam Shovel Co., P. O. Box 505, Marion, O.
Morris Machine Works, Baldwinsville, N. Y.
National Iron Co., Duluth, Minn.
Norton Engng. Co., Denckla bldg, Phila., Pa.
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.
Treadwell M. H. Co., 140 Cedar, New York
Vulcan Iron Works, ft. Morris, Jersey City, N. J.

8213—Dried Beef & Bacon Slicing Machines

Allbright-Nell Co., 5323 Western blvd, Chicago, Ill.
LINK-BELT CO. ("Link-Belt" Automatic), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila.. Pa. *See adv index at end of book*

8214—Drill Sharpening Machines

Denver Rock Drill Mfg. Co., Denver, Colo.
Hardsocg Wonder Drill Co. ("Wonder" Pneumatic), Ottumwa, Ia.
Ingersoll-Rand Co., 11 Broadway, New York *See adv index at end of book*
Lake Shore Engine Works ("Superior"), Marquette, Mich.
Leyner J. Geo. Engineering Works Co. "Leyner"), Littleton, Colo.
Numa Rock Drill Sharpener Co. ("Numa" Rock Drill), Salt Lake City, Utah
Shaw C. H. Pneumatic Tool Co. ("Shaw," for Air Rock Drills, etc.), Denver, Colo.
Word Bros. ("Word" Rock Drill), San Francisco, Cal.

8215— Drilling Machines

See also Sub-Classifications following
Albany Hdwe Specialty Mfg. Co., Albany, Wis.
Allen Chas. G. Co. ("Allen"), Barre, Mass.
Aurora Tool Works, Aurora, Ind.
B. E. S. Tool & Mfg. Co. (Water Power), Rockford, Ill.
Baker Bros., Toledo, O.
Barnes Drill Co. (All-Geared), Rockford, Ill.
Bilton Slate Machine Tool Co., The ("Dwight State," "New Elmore," High Speed Ball Bearing), Bridgeport, Conn.
Boust A. C., Northumberland, Pa.
Buckeye Tool & Machine Co. ("Buckeye"), New Philadelphia, Ohio
Canedy-Otto Mfg. Co., Chicago Heights, Ill.
Champion Blower & Forge Co. ("Champion"), Lancaster, Pa.
Cinn. Pulley Machy. Co. ("Avey"), Covington, Ky.
Clough R. M., Tolland, Conn.
Cleveland Lathe & Machy. Co., Whitney Power bldg, Cleveland, O.
Coates Clipper Mfg. Co. ("Coates" Flexible Shaft), Worcester, Mass.
Colburn Machine Tool Co. (Heavy Duty), Franklin, Pa.
Davis Machine Tool Co., Rochester, N. Y.
Detroit Tool Co., Detroit, Mich.
Dooley Bros. (Coal), 604 S Adams, Peoria, Ill.
Enterprise Machinery Co. Inc. (Presses), 32-34 S Clinton, Chicago, Ill.
Foote-Burt Co. (High Duty), Cleveland, O.
GEM MFG. CO. ("Gem," Portable Screw Feed for Use with Flexible Shafting), Goebel, nr Fulton, N. S., Pittsburgh, Pa. *See adv index at end of book*
Guarantee Machine Co., Grand Rapids, Mich.
Henry & Wright Mfg. Co., Hartford, Conn.
Hoefer Mfg. Co., Freeport, Ill.
International Machine Tool Co., 1111 Power av, Cleveland, Dhio
Kane & Roach, Syracuse, N. Y.
Knickerbocker Machine Works, 161 Perry, New York
Knight W. B. Machinery Co., 2019 Lucas av, St. Louis, Mo.
Lucey Mfg. Corp., Chattanooga, Tenn.
Millers Falls Co. ("Universal" Hand), 28 Warren, New York
National Separator & Machine Co. (Cylinder Turret, also Vertical Turret), Concord, N. H.
Newhall Chain, Forge & Iron Co., ("Trident"), 89 West, New York
Oil Well Supply Co. (Core), 215 Water, Pittsburgh, Pa.
Prentiss Henry & Co., Inc. (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York
See adv index at end of book
Reed Francis Co. ("Reed" & "H. G. Barr"), Worcester, Mass.
Reed-Prentice Co., Worcester, Mass.
Richmond Metal Products Co., Inc., 5th and Arch, Richmond, Va.
Rockford Drilling Machine Co., Rockford, Ill.
Rockford Lathe & Drill Co., Rockford, Ill.
Ryerson Joseph T. & Son. 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Sibley Machine Co. (Geared), South Bend, Ind.
Sigourney Tool Co., Hartford, Conn.
Silver Mfg. Co. (Power), Salem, O.
Stow Mfg. Co. (& Plain, Screw, Feed & Automatic Drill Presses), Binghamton, N. Y. *See adv index at end of book*
Superior Machine Tool Co., Kokomo, Ind.
Taylor & Fenn Co. (Four Spindle Simultaneous Feed), Hartford, Conn.
Townsend H. P. Mfg. Co. (High Speed), Hartford, Conn.
Wilcor Mfg. Co. (Duplex), 4824 W Lake, Chicago, Ill.

8216—Drilling Machines (Automatic)

Baush Machine Tool Co., Springfield, Mass
Bilton Machine Tool Co., The ("Dwight Slate"), Bridegport, Conn.
Garvin Machine Co., 147 Varick, New York
Goodell-Pratt ("Mr. Punch"), Greenfield, Mass.
Hoefer Mfg. Co., Freeport, Ill.
Pratt & Whitney Co., Hartford, Conn.
Star Expansion Bolt Co. ("Spring Hammer") 147 Cedar, New York

8217—Drilling Machines (Bench)

Allen Machine Co., Cleveland, O.
Barnes Drill Co., Rockford, Ill.
Barnes W. F. & Jno. Co., Rockford, Ill.
Blissfield Motor Works ("Davenport"), Blissfield, Mich.
Burke Machine Tool Co., Conneaut, O.
Champion Blower & Forge Co. ("Champion"), Lancaster, Pa.
Clark Jas. Jr. Electric Co. (Sensitive "Willey," Electrically Driven), Louisville, Ky.
D'Amour Machine Works ("D'Amour," Drill Press), 78 Cortlandt, New York
Fenn Mfg. Co. ("Fenn"), 385 Broad, Hartford, Conn.
Gardam Wm. & Son (Sensitive Type), 114 Park pl, New York
Garvin Machine Co., 147 Varick, New York
Goodell-Pratt Co. (Hand & Power), Greenfield, Mass.
Gowanda Agricultural Works (for Cutlery Factories), Gowanda, N. Y.
Hisey-Wolf Machine Co. ("Hisey" Portable Electric), Cincinnati, O.
Hoefer Mfg. Co. ("Hoefer" Friction & Belt Driven), Freeport, Ill.
Leland-Gifford Co., Worcester, Mass.
Millers Falls Co., 28 Warren, New York
Myers Machine Tool Co., Columbia, Pa.
North Bros. Mfg. Co. ("Yankee") Lehigh av & American, Phila., Pa.
Oliver W. W. Mfg. Co., 1483 Niagara, Buffalo, N. Y.
Pratt & Whitney Co., Hartford, Conn.
Reed Francis Co. ("Reed" & "H. G. Barr"), Worcester, Mass.
Rockford Drilling Machine Co., Rockford, Ill.
Sigourney Tool Co., Hartford, Conn.
Silver Mfg. Co., Salem, O.
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
Smurr & Kamen Machine Co. ("Champion"), 313 N Whipple, Chicago, Ill.
Standard Electric Tool Co. (Electric), 128 Opera pl, Cincinnati, O.
See adv index at end of book
Stecher Chas. Co. (High Speed & "Heavy Duty"), 1580 Crossing, Chicago, Ill.
Strong, Carlisle & Hammond Co. (The Ideal), 336 Frankfort av, Cleveland, O.
U. S. Electrical Co., Cincinnati, O.
Van Dorn Electric Tool Co., 2978 Woodhill, Cleveland, O.

8218—Drilling Machines (Bit Brace)

McCrea Jas & Co. ("Century"), 562 W Washington, Chicago, Ill.

8219—Drilling Machines (Blacksmiths')

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Buffalo Forge Co., Buffalo, N. Y.
Canedy-Otto Mfg. Co. ("Western Chief," Automatic Self-Feed), Chicago Heights, Ill.
Champion Blower & Forge Co., Lancaster, Pa.
Illinois Iron & Bolt Co. (Horizontal & Upright), Carpentersville, Ill.
Noyes B. B. Co. ("Little Giant"), Greenfield, Mass.
Russ Co., 5700 Walworth av, Cleveland, O.
Silver Mfg. Co., Salem, O.
Southern Skein & Foundry Co. (Horizontal), Chattanooga, Tenn.
Swett A. L. Iron Works (Steel Spindle, etc), Medina, N. Y.

8220—Drilling Machines (Boiler)

American Tool Works Co., Cincinnati, O.
Aurora Tool Works, Aurora, Ind.
Dallett Thos. H. Co. (Shell), Phila., Pa.
Foote-Burt Co., Cleveland, O.
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Mueller Machine Tool Co., 2427 Colerain av, Cincinnati, O.
Niles-Bement-Pond Co., 111 B'way, New York
Reed-Prentice Co., Worcester, Mass.
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
Silver Mfg. Co., Salem, O.

8221—Drilling Machines (Caster Wheel)

Hoefer Mfg. Co., Freeport, Ill.

8222—Drilling Machines (Clock Pinion)

Davenport Machine Tool Co. (Automatic), New Bedford, Mass.

8223—Drilling Machines (Cotter & Key-Seat)

Niles-Bement-Pond Co., 111 B'way, New York

8224—Drilling Machines (Frog & Switch)

Moline Tool Co., Moline, Ill.

8225—Drilling Machines (Gang)

Barnes Drill Co. (Also Swing Gang), Rockford, Ill.
Barnes W. F. & Jno. Co., Rockford, Ill.
Bilton Machine Tool Co., The, ("Dwight Slate"), Bridgeport, Conn.
Cincinnati-Bickford Tool Co., Cincinnati, Ohio
Colburn Machine Tool Co., Franklin, Pa.
Gardam Wm. & Son, 114 Park pl, New York
Garvin Machine Co., 147 Varick, New York
Hoefer Mfg. Co., Freeport, Ill.
Moline Tool Co., Moline, Ill.
Pratt & Whitney Co., Hartford, Conn.
Rockford Drilling Machine Co., Rockford, Ill.
Rockford Machine Tool Co. (2, 3, 4, 5 & 6 Spindles, Box or Single Columns), Rockford, Ill.
Wells Frank L. Co., Kenosha, Wis.

8226—Drilling Machines (Gun Barrel)

Diamond Machine Co. ("Diamond"), Providence, R. I.
International Engineering Co., Society for Savings bldg, Cleveland, O.
Pratt & Whitney Co., Hartford, Conn.
Reed-Prentice Co., Worcester, Mass.

8227—Drilling Machines (Horizontal)

Cleveland Machine Tool Works, Cleveland, O.
Garvin Machine Co., 147 Varick, New York
Moline Tool Co., Moline, Ill.

8228—Drilling Machines (Knee)

Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.

8229—Drilling Machines (Multiple Spindle)

Andrew M. L. & Co., Cincinnati, O.
Baker Bros., Toledo, O.
Barnes Drill Co., Rockford, Ill.
Barnes W. F. & Jno. Co., Rockford, Ill.
Baush Machine Tool Co. (Vertical & Horizontal), Springfield, Mass.
Bilton Machine Tool Co., The, ("Dwight Slate" Automatic Feed), Bridgeport, Conn.
Cincinnati Pulley Machinery Co. ("Avey" High Duty), Covington, Ky.
Clark Jas. Jr. Electric Co. ("Willey," Three Spindle Electrically Driven), Louisville, Ky.
Cleveland Machinery & Supply Co., Cleveland National Bank bldg, Cleveland, O.
Covington Multiple Drill Co., Covington, Ky.
Detroit Tool Co., Detroit, Mich.
Foote-Burt Co., Cleveland, O.
Fox Machine Co., Jackson, Mich.
Garvin Machine Co., 147 Varick, New York
Gowanda Agricultural Works (3 Spindle), Gowanda, N. Y.
Hardinge Bros., 4203 Ravenswood av, Chicago, Ill.
Harrington Edwin, Son & Co., 17th & Callowhill, Phila., Pa.
Henry & Wright Mfg. Co., Hartford, Conn.
Hoefer Mfg. Co., Freeport, Ill.
Langelier Mfg. Co., Arlington, Providence, R. I.
Moline Tool Co., Moline, Ill.
National-Acme Mfg. Co. 7500 Stanton av, Cleveland, O.
National Automatic Tool Co. ("Natco," Full Automatic Universal), Richmond, Ind.
Newton Machine Tool Works, 23d & Vine, Phila., Pa.
Pratt & Whitney Co., Hartford, Conn.
Prentiss Henry & Co. (Inc.), (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York
See adv index at end of book
Reed Francis Co. ("Reed" & "H. G. Barr," 5 to 10 Spindles), Worcester, Mass.
Reed-Prentice Co., Worcester, Mass.
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
Sigourney Tool Co., Hartford, Conn.
Simplex Machine Tool Co., Cleveland National Bank bldg, Cleveland, O.
Superior Machine Tool Co., Kokomo, Ind.
Taylor & Fenn Co., Hartford, Conn.
Valley City Mach. Works, Grand Rapids, Mich.

8230—Drilling Machines (Pipe Pressure)

Mueller H. Mfg. Co. ("Eley"), Decatur, Ill.

8231—Drilling Machines (Portable)

See also Drills, Hand; also Pneumatic Drills

Cincinnati Electrical Tool Co. ("Peerless" Electrical, Scotch Radial & Universal Drills), Cincinnati, O.
Coates Clipper Mfg. Co. ("Coates" Flexible Shaft), Worcester, Mass.
Dallett Thos. H. Co., Phila., Pa.
Fortuna Machine Co., 127 Duane, New York
GEM MFG. CO. ("Gem" Flexible Shaft, Rope & Motor Driven), Goebel, nr Fulton, N. S., Pittsburgh, Pa.
See adv index at end of book
Hisey-Wolf Machine Co. ("Hisey" Electric), Cincinnati, O.
INGERSOLL-RAND CO. ("Little David"), 11 Broadway, New York
See adv index at end of book
Newton Machine Tool Works (Electrically Driven), 23 Vine, Phila., Pa.
Niles-Bement-Pond Co., 111 B'way, New York
Reed-Prentice Co., Worcester, Mass.
Snyder J. E. & Son, Worcester, Mass.
Stow Mfg. Co. (Flexible Shaft, Belt Driven), Binghamton, N. Y.
Strong, Carlisle & Hammond Co. (The Berlin), 336 Frankfort av, N. W., Cleveland, O.
U. S. Electrical Tool Co. (Electric), Cincinnati, O.

8232—Drilling Machines (Radial)

Almond Mfg. Co., 1516 E 32d, Cleveland, O.
American Tool Works Co., Cincinnati, O.
Barnes W. F. & Jno. Co. (Horizontal), Rockford, Ill.
Baush Machine Tool Co., Springfield, Mass.
Carlton Machine Tool Co., Cincinnati, O.
Cincinnati-Bickford Tool Co., Cincinnati, Ohio
Clark Jas., Jr., Electric Co. ("Wiley," Radial Electrically Driven), Louisville, Ky.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, Ohio
Dreses Machine Tool Co., Cincinnati, O.
Fosdick Machine Tool Co., Cincinnati, O.
Henry & Wright Mfg. Co., Hartford, Conn.
Hilbert Machine Co., 2116 Colerain av, Cincinnati, O.
Hisey-Wolf Machine Co. ("Hisey" Electric), Cincinnati, O.
Kane & Roach, Syracuse, N. Y.
Kling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.
Midland Machine Co., Detroit, Mich.
Morris Machine Tool Co., Court & Harriet, Cincinnati, O.
Mueller Machine Tool Co. (Cone Driven, 2½ to 4 Foot Arm, etc), 2427 Colerain av, Cincinnati, O.
Newton Machine Tool Works, 23 & Vine, Phila., Pa.
Niles-Bement-Pond Co., 111 B'way, New York
Optenberg Iron Works, Sheboygan, Wis.
Prentiss Henry & Co. (Inc.), (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill.
See adv index at end of book
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
SIMMONS MACHINE CO., Inc., 987 Broadway, Albany, N. Y.
See adv index at end of book
Strong, Carlisle & Hammond Co., 336 Frankfort av N W, Cleveland, O.
Taylor & Fenn Co. (Light), Hartford, Conn.
Western Machine Tool Works, Holland, Mich.

8233—Drilling Machines (Radial Wall)

Busch J. C. Co., 140 Ferry, Milwaukee, Wis.
Wickes Bros., Saginaw, Mich.
See adv index at end of book

8234—Drilling Machines (Rail)

Fairbanks, Morse & Co. ("Sheffield"), 900 S Wabash av, Chicago, Ill.
Newton Machine Tool Works, 23d & Vine, Phila., Pa.

8235—Drilling Machines (Rivet)

Langelier Mfg. Co., Arlington, Providence, R. I.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

8236—Drilling Machines (Sensitive)

American Tool Works Co., Cincinnati, O.
Barnes W. F. & Jno. Co., Rockford, Illl.
Berghausen Machine Co., 2128 Colerain av, Cincinnati, O.
Bilton Machine Tool Co., The, ("Dwight Slate"), Bridgeport, Conn.
Blomquist-Eck Machine Co., 1146 E 152nd, Cleveland, O.
Carlton Machine Tool Co., Cincinnati, O.
Cincinnati Pulley Machinery ("Avey"), Covington, Ky.
Cleveland Machinery & Supply Co., Cleveland National Bank bldg, Cleveland, O.
De Mooy Machine Co., 706 Frankfort av, Cleveland, O.
Fox Machine Co., Jackson, Mich.
Gardam Wm. & Son, 114 Park pl, New York
Hardinge Bros., 4203 Ravenswood av, Chicago, Ill.
Helmold J. F. & Bro., 1462 Hamburg, Chicago, Ill.
Henry & Wright Mfg. Co., Hartford, Conn.
Hoefer Mfg. Co., Freeport, Ill.
Johnson Machine Tool Co., Gouverneur, N. Y.
Langelier Mfg. Co. (Plain, Ball Bearing, High Speed, Motor Driven), Arlington, Providence, R. I.
Leland-Gifford Co. (High Speed Heavy Duty), Worcester, Mass.
McCarthy Drill & Tool Corp., Toledo, O.
Myers Machine Tool Co., Columbia, Pa.
North Wales Machine Co., North Wales, Pa.
Oliver W. W. Mfg. Co., 1483 Niagara Falls, Buffalo, N. Y.
Pratt & Whitney Co., Hartford, Conn.
Prentiss, Henry & Co. (Inc.), (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York
See adv index at end of book
Reed Francis Co. ("Reed," "H. G. Barr" Plain & Ball Bearing), Worcester, Mass.
Reed-Prentice Co., Worcester, Mass.
Rockford Drilling Machine Co., Rockford, Ill.
Rockford Lathe & Drill Co., Rockford, Ill.
Rockford Machine Tool Co., Rockford, Ill.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill.
See adv index at end of book
Sibley Machine Co., South Bend, Ind.
Sigourney Tool Co., Hartford, Conn.
Simplex Machine Tool Co. ("Cleveland"), Cleveland National Bank bldg, Cleveland, O.
Snyder J. E. & Son, Worcester, Mass.
Taylor & Fenn Co., Hartford, Conn.
Towsend H. P. Mfg. Co., Hartford, Conn.
Washburn Shops, Worcester, Mass.
Wisconsin Electric Co. ("Dumore," Elec.) 1600 Racine av, Racine, Wis.
See adv index at end of book

8237—Drilling Machines (Stay Bolt)

Foote-Burt Co. (4 Spindle), Cleveland, O.
Richmond Stay-Bolt Drilling Machine Mfg. Co., Richmond, Va.

8238—Drilling Machines (Suspension)

Baush Machine Tool Co., Springfield, Mass.
Birch & Birch, Crawfordsville, Ind.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Kling Bros. Engineering Works, 1304 Kingsbury av, Chicago, Ill.
Reed Francis Co., Worcester, Mass.

8239—Drilling Machines (Tire)

Reed Francis Co., Worcester, Mass.

8240—Drilling Machines (Traverse)

Moline Tool Co. (Traversing Head), Moline, Ill.
Pratt & Whitney Co. (Double Head), Hartford, Conn.

8241—Drilling Machines (Tube Hole)

Bethlehem Steel Co., South Bethlehem, Pa.

8242—Drilling Machines (Turret)

McCarthy Drill & Tool Corp., Toledo, O.
National Separator & Mach. Co., Concord, N. H.
Quint A. D., Hartford, Conn.
Turner Machines Co., Danbury, Conn.

8243—Drilling Machines (Universal Radial)

American Tool Works Co., Cincinnati, O.
Cincinnati-Bickford Tool Co., Cincinnati, Ohio
Dreses Machine Tool Co., Cincinnati, O.
Fosdick Machine Tool Co., Cincinnati, O.
Niles-Bement-Pond Co., 111 B'way, New York
SIMMONS MACHINE CO. (INC.), 987 Broadway, Albany, N. Y.
See adv index at end of book

8244—Drilling Machines (Vertical)

Aurora Tool Works (14 to 44 inch Swing), Aurora, Ind.
Baines Drill Co. (Inc.), Rockford, Ill.
Baker Bros., Toledo, O.
Barnes W. F. & Jno. Co. (8 to 50 inch Swing), Rockford, Ill.
Bilton Machine Tool Co., The, ("Dwight Slate"), Bridgeport, Conn.
Champion Blower & Forge Co., Lancaster, Pa.
Cincinnati-Bickford Tool Co., Cincinnati, Ohio
Cincinnati Pulley Machy. Co. ("Avery"), Covington, Ky.
Cleveland Machinery & Supply Co., Cleveland National Bank bldg., Cleveland, O.
Davis Machine Tool Co., Rochester, N. Y.
Fox Machine Co., Jackson, Mich.
Gardam Wm. & Son, 114 Park pl, New York
Harrington Edwin Son & Co., 17th & Callowhill, Phila., Pa.
Henry & Wright Mfg. Co., Hartford, Conn.
Hilbert Machine Co., 2116 Colerain av, Cincinnati, O.
Hoefer Mfg. Co., Freeport, Ill.
Illinois Iron & Bolt Co. ("Illinois" Hand Power), Carpentersville, Ill.
Langelier Mfg. Co., Arlington, Providence, R. I.
McCarthy Drill & Tool Corp., Toledo, O.
Moline Tool Co., Moline, Ill.
Niles-Bement-Pond Co., 111 B'way, New York
Pratt & Whitney Co., Hartford, Conn.
Prentiss Henry & Co. (Inc.), (Formerly Prentiss Tool & Supply Co.) 149 B'way, New York
See adv index at end of book
Reed Francis Co. ("Reed" & "H. G. Barr"), Worcester, Mass.
Reed-Prentice Co., Worcester, Mass.
Richards Machine Co., 3417 Vliet, Milwaukee, Wis.
Rockford Drilling Machine Co. ("Mechanics"), Rockford, Ill.
Rockford Machine Tool Co. (14, 17, 20, **23, 24, 26, 28, 32, 36 inch Sliding Head,** etc), Rockford, Ill.
Royersford Foundry & Machine Co. ("Excelsior"), Royersford, Pa.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
Sibley Machine Co., South Bend, Ind.
Sigourney Tool Co., Hartford, Conn.
Simplex Machine Tool Co., Cleveland National Bank bldg, Cleveland, O.
Sloan & Chass Mfg. Co., 351 6th av, Newark, N. J.
Snyder J. E. & Son, Worcester, Mass.
STARK TOOL CO. (1 to 5 Spindles), Waltham, Mass.
See adv index at end of book
Superior Machine Tool Co. ("Kokomo Hi-Speed"), Kokomo, Ind.
Taylor & Fenn Co., Hartford, Conn.

8245—Drilling & Countersinking Machines

Baush Machine Tool Co., Springfield, Mass.
CHICAGO PNEUMATIC TOOL CO., (Pneumatic), Fisher bldg, Chicago, Ill. *See adv index at end of book*

8246—Drilling & Milling Machines (Combined)

Cleveland Machine Tool Works, Cleveland, O.
Clough R. M. (Vertical Bench), Tolland, Conn.
Fosdick Machine Tool Co., Cincinnati, O.
Knight W. B. Machinery Co., 2019 Lucas av, St. Louis, Mo.
Superior Machine Tool Co., Kokomo, Ind.

8247—Drilling & Reaming Machines

Hoefer Mfg. Co. (Automobile Piston), Freeport, Ill.

8248—Drilling & Tapping Machines

American Tool Works Co., Cincinnati, O.
Aurora Tool Works, Aurora, Ind.
Baker Bros., Toledo, O.
Carlton Machine Tool Co. (Radial), Cincinnati, O.
Cincinnati-Bickford Tool Co. (24 to 42 inch, Upright, Heavy Pattern), Cincinnati, O.
Cleveland Machine Tool Works, Cleveland, Ohio
Fay Machine Tool Co. (Drilling, Threading & Tapping), 2d & Glenwood av, Phila., Pa.
Fosdick Machine Tool Co. (Drilling), Cincinnati, O.
Garvin Machine Co., 147 Varick, New York
Hammond Mfg. Co., 2139 Hamilton av, Cleveland, Ohio
Langelier Mfg. Co. (Horizontal), Arlington, Providence, R. I.
Newton Machine Tool Works, 23d & Vine, Phila., Pa.
Pratt & Whitney Co., Hartford, Conn.
Stow Mfg. Co. (Portable), Binghamton, N. Y.
Taylor & Fenn Co. (Radial), Hartford, Conn.

8249—Drilling & Tapping Machines (Combined)

Anderson Machine Works, Peekskill, N. Y.
Barber M. A., Norwich, Conn.
Baush Machine Tool Co., Springfield, Mass.
Hoefer Mfg. Co., Freeport, Ill.
Pratt & Whitney Co., Hartford, Conn.

8250—Drilling & Turning Machines

Garvin Machine Co. (Four Head Right Angle), 147 Varick, New York

8251—*Drop Forging Machinery

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. ***See adv index at end of book***

8252— Drying Machinery

See also Dryers, Various Kinds

Atlas Engineering Co., Amherst, O.
See adv index at end of book
Cummer F. D. & Son Co. (Direct Heat Dryers for all purposes), Superior Arcade, Cleveland, O.
See adv index at end of book
No-Dust Drying Machine Co. ("No-Dust"), 157 Dorrance, Providence, R. I.
Smith Richardson Co. ("Richardson"), Attleboro, Mass.

8253—Duck Slitting Machines

Farrel Foundry & Machine Co., Ansonia, Conn.
Thropp William R. & Sons Co., Trenton, N. J.

Duplicating Machines

See Duplicators

Dyeing Machinery

See Textile Machinery

8254—Dynamite Shell Machines

Luther Mfg. Co., Olean, N. Y.

8255—Eave Trough Hanger Machines

Birch & Birch (Automatic Wire), Crawfordsville, Ind.

Eave Trough Machinery

See Conductor Pipe & Eave Trough Machinery

8256—Eave Trough Machines (Combination Forming & Beading)

Canton Foundry & Machine Co. ("Universal"), Canton, O.

8257—Eave Trough Wire Hanger

Canton Foundry & Machine Co. ("Universal"), Canton, O.

8258— Edging Machinery

Garrison A. Foundry Co. (Rolling Mill), 900 Bingham, Pittsburgh, Pa.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book

8259—Edging or Lock-Folding Machines

AMERICAN CAN CO. (Machinery Dept.), ("Rudolphi & Krummel" for Tin & Sheet Metal Work), Monroe bldg, Chicago, Ill. *See adv index at end of book*
BLISS E. W. CO. (For Tin & Sheet Metal), 19 Adams, Brooklyn, N. Y.
See adv index at end of book

8260—Edging Saw Machines

American Saw Mill Machinery Co., Hackettstown, N. J.
American Wood Working Machinery Co., Rochester, N. Y.
Bentel & Margedant Co., Hamilton, O.
Fay J. A. & Egan Co., Cincinnati, O.
Filer & Stowell Co., Milwaukee, Wis.
Fisher & Davis Mfg. Co., St. Louis, Mo.
Holmes E. & B. Machinery Co., Buffalo, N. Y.
Lane Mfg. Co., Montpelier, Vt.
Mecklenburg Iron Works, Charlotte, N. C.
National Woodworking Machine Co., Dover, N. H.
Sinker-Davis Co., Indianapolis, Ind.
Union Iron Works, Bangor, Me.
Yates P. B. Machine Co., Beloit, Wis.

8261—Elbow Seam Closing Machines

NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. ***See adv index at end of book***

8262—Electric Cloth Cutting Machines

Maimin H. Co., 251 W 19th, New York

8263—*Electric Power & Lighting Machinery

See also Dynamos & Motors; also Generators, Various Kinds

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
ECK DYNAMO & MOTOR CO., Belleville, N. J. *See adv index at end of book*
GENERAL ELECTRIC CO., Schenectady, N. Y. ***See adv index at end of book***
JANTZ & LEIST ELECTRIC CO., Cincinnati, O. *See adv index at end of book*
Railway & Power Equipment Co. (Jobbers), 120 Liberty, New York
Rederer B. S. & Co., 1405 Arrot bldg, Pittsburgh, Pa.
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

8263a—Electric Thawing Machinery

American Transformer Co., 145 Miller, Newark, N. J.

8264—Electric Wire Making Machinery

Watson Machine Co., Paterson, N. J.

8265—*Electrical Goods Mfrs. Machinery (Sheet Metal)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

8265a—Electrical Heat Treating Machines

Snead & Co. Iron Works, 98 Pine, Jersey City, N. J. *See adv index at end of book*

8266—Electrical Porcelain Machinery

CROSSLEY MACHINE CO. (Also Dies, etc), State & Chestnut av, Trenton, N. J. *See adv index at end of book*
Patterson Foundry & Machine Co., East Liverpool, O.

Electrical Wire & Cable Covering Machinery

See Wire & Cable Covering Machinery

8267—Electro-Dental Machinery

Consolidated Dental Mfg. Co., 130 Washington pl, New York
Russell Percy, 12 E 23d, New York
White S. S. Dental Mfg. Co., 1130 Chestnut, Phila., Pa.

8268—*Electro Plating Machines

See also Dynamos, Electro Plating

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

8269—Electro & Linotype Sawing Machines

Hoe R. & Co., 504 Grand, New York
Kidder R. E. Co., Worcester, aMss.
Wesel F. Mfg. Co., 70 Cranberry, Brooklyn, N. Y.

8270—Electrotype Machinery

Herrick & Cowell, New Haven, Conn.
Hollingsworth Wm., 229 N Holliday, Baltimore, Md.
Ostrander-Seymour Co., 7 S Dearborn, Chicago, Ill.
Wesel F. Mfg. Co., 70 Cranberry, Brooklyn, N. Y.

8271—Electrotype Trimming Machines

Bishop W. S., New Haven, Conn.
Royle Jno. & Sons, Paterson, N. J.

8272—*Elevating & Conveying Machinery

See also Conveyors, Cranes, Derricks, Elevators, Hoists, Trolleys, Overhead, Wire Rope Tramways, etc)
See also Index of Contents for the specific article required

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Atlas Engineering Co., Amherst, O.
See adv index at end of book
BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
HUNT C. W. CO., West New Brighton, N. Y. *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
Lowerator Co. Inc., 631 Kent av, B'klyn, N. Y.
NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book
ROBINS CONVEYING BELT CO., 13 Park Row, New York
See adv index at end of book
STURTEVANT MILL CO. (All Steel), Clayton & Park, Dorchester, Boston, Mass.
Werner & Pfleiderer Co., 1232 N Niagara, Saginaw, Mich.
See adv index at end of book

8273—Embossing Machines

Advance Machine Co. (For Leather, Paper, etc), Cambridge, Mass.
Cavagnaro Jno. J., Harrison, N. J.
Currier Cyrus & Sons (Presses & Rolls for Leather), 365 Market, Newark, N. J.
Firth Wm. (Leather, Lockett, Crossland & Co.'s), 200 Devonshire, Boston, Mass.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Grammes L. F. & Sons (Lever, for Wood, Paper, Cloth, Silk, etc), Allentown, Pa. *See adv index at end of book*
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, Ohio
Latham Machinery Co. ("Monitor," Bookbinders), 1153 Fulton, Chicago, Ill.
Lentz-Schebler Co. (Rotary & Lateral), Indianapolis, Ind.
Randall J. D. Co. (Leather, etc), 610 W Court, Cincinnati, O.
Roovers Bros. (Letter & Figure), 100 Schermerhorn, B'klyn, N. Y.
See adv index at end of book
Rau Emanuel (For Embossing Paper Boxes), 30 Church, New York
Seybold Machine Co., Dayton, O.
Sheridan T. W. & C. B. Co. (Bookbinders'), 434 Broadway, New York
Traud Alex & Sons, 124 Polk, Newark, N. J.
Waldron John Co., New Brunswick, N. J.

8274-5—Embroidering Machines

Alstrom O. J. ("Cormley & Fils" Imported), 711 B'way, New York
Durbrow & Hearne Mfg. Co. ("Bonnoz" & "Swiss"), 12 Wooster, New York
Home Embroidery Machine Co., Kansas City, Kansas
Saurer Adolph (Imp), River av & 151st, New York

8276—Enamel Ware Machinery (Sheet Metal)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

8277— Engraving Machines

Cayuta Mfg. Co., Sayre, Pa.
Eaton & Glover Co., Sayre, Pa.
Engravers & Printers Machinery Co., Sag Harbor, N. Y.
Field Chas. H., 113 Point, Providence, R. I.
Gorton Geo. Machine Co. (For Engraving Name & Direction Plates), Racine, Wis.
Hope John & Sons Engraving & Mfg. Co. (For Steel & Copper Plate), 1 Mashapaug, Providence, R. I.
Warner Mfg. Co. ("Francis"), Citizen bldg, Cleveland, O.

8278— Envelope Machines

Bickett Machine & Mfg. Co., Cincinnati, O.
Brown Bag Filling Mach. Co., Fitchburg, Mass.
Cooley & Trevor Mfg. Co., Hartford, Conn.
Dietz Machine Works (Merchandise), 126 Fontain, Phila., Pa.
Hobbs Mfg. Co., Worcester, Mass.
Hopkinson Machine Works, Springfield, Mass.
Lester & Wasley Co. ("Leader"), Norwich, Conn.
Potdevin Machine Co., 1221 38th, B'klyn, N. Y.
Schmidt F. L. Co., 11th av & 21st, New York
Sherman Envelope Co., Worcester, Mass.
Swift Geo. W. Jr., Bordentown, N. J.

8279—Envelope Sealing Machines

Acorn Brass Mfg. Co. ("Thexton"), 426 S Clinton, Chicago, Ill.
American Multigraph Sales Co. ("Markoe" Electric), 1832 E 40th, Cleveland, O.
Barrow John H. & Co., 5 N La Salle, Chicago, Ill.
Borger Mfg. Co., Cincinnati, O.
Kendall Mfg. Co. Inc., 79 Sudbury, Boston, Mass.
Mailometer Co., 1093 Jefferson av E, Detroit, Mich.
Pence Mailing Mach. Co., Minneapolis, Minn.
Ryan D. G. & Co., Chicago, Ill.
Saunders & Co. ("Sealograph"), 1700 Brooklyn av, Kansas City, Mo.
Sealograf Co., Kansas City, Mo.
Standard Envelope Sealer Mfg. Co., Somerville, Mass.
Utica Sales & Specialty Co., Utica, N. Y.

Envelope Stamping Machines

See Postage Stamp Affixing Machine

8280—*Excavating Machinery

See also Dredging Machinery; also Shovels, Steam; also Sewer & Trench Excavating Machines; also Ditching Machines

Byers Jno. F. Machine Co., 242 So. Sycamore, Ravenna, O.
See adv index at end of book

EXCAVATING MACHINERY
Manufactured by
CLYDE IRON WORKS
DULUTH, MINN.

ELLICOTT MACHINE CORP., Bush & Severn, Baltimore, Md.
See adv index at end of book

THE HAYWARD COMPANY
DIGGING MACHINERY

50 Church Street, New York
See adv index at end of book

INGERSOLL-RAND CO., 11 B'way, **New York** *See adv index at end of book*

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
Smith T. L. Co., The, 1151 32d, Milwaukee, Wis.

8281—*Excavating Machines, (Portable)

Byers Jno. F. Machine Co. (Especially Adapted for Sand & Gravel), 242 S Sycamore, Ravenna, O.
See adv index at end of book

8282— Excelsior Machinery

American Saw Mill Machinery Co., Hackettstown, N. J.
Fifield Bros. Co., Augusta, Me.
Fisher & Davis Mfg. Co., St. Louis, Mo.
Howell R. R. & Co., 31st av, Minneapolis, Minn.
Indianapolis Excelsior Machinery Co., Indianapolis, Ind.
Jenkins Machine Co., Sheboygan, Wis.
Kline Lewis T., Alpena, Mich.

8284—Eye Bending or Eye Bolt Machines

Williams, White & Co., Moline, Ill.

8285— Eyelet Machines

Baird Machine Co. (Automatic), Bridgeport, Conn.
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Harris H. E. Engineering Co. (Multiple Slide), 1047 Broad, Bridgeport, Conn.
Ideal Specialties Mfg. Corp. (Automatic Portable), 436 E 9th, New York
Keyes Jas H. (Stapling), 658 Hudson, New York
Kvalin Mfg. Co. (Stapling), Milwaukee, Wis.
Machine Appliance Corp., 351 Jay, Brooklyn, N. Y.
Manville E. J. Machine Co., Waterbury, Conn.
Premo Process Co. (Stapling), New Brunswick, N. J.

Sheridan T. W. & C. B. Co. (Bookbinders, etc), 434 B'way, New Y...
Shipman Geo., West Bridgewater, Mass.
Sibley E. L. Mfg. Co. (Stapling), Bennington, Vt.
United Shoe Machinery Co. ("Duplex"), 205 Lincoln, Boston, Mass.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

8286—Face & Fire Brick Machinery

American Clay Machinery Co., S Walnut, Bucyrus, Ohio.

8287—Facing Machines (Three-Way)

Beaman & Smith Co., Providence, R. I.
Pottstown Machine Co. (Also Threading & Facing), Pottstown, Pa.

8288—Facing & Boring Machines

Beaman & Smith Co., Providence, R. I.
Reed-Prentice Co. ("Reed-Prentice" Automatic, Vertical), Worcester, Mass.

8289—Faucet or Bib Re-Seating Machines

Long Adam A., Rochester, N. Y.
McCrea James & Co. ("Skinner"), 562 W Washington, Chicago, Ill.

8290— Felling Machines

Arbetter Felling Machine Co., 242 Dover, Boston, Mass.

Felloe Machinery

See Carriage Builders' Machinery

8291—Felt Hardening Machinery

Clark Machine & Foundry Co., Franklin, Mass.
Farrel Foundry & Machine Co., Ansonia, Conn.

8292—Felt Spreading Machines

Ticonderoga Machine Works (For Paper Makers), Ticonderoga, N. Y.

8293—Fence Machines (Wire)

Brazil Machine & Foundry Co., Brazil, Ind.
Carter Wire Fence Machine Co., Mt. Sterling, O.
Cyclone Fence Co. (Fence Weaving), Waukegan, Ill.
Cyclone Fence Co. (Chain), Waukegan, Ill.
Deuscher H. P. Co. ("Hamilton"), Hamilton, O
Elliott & Reid Co. (Wire & Picket), Richmond, Ind.
Eureka Fence Mfg. Co. ("Eureka," "Little Giant," "New Robinson," Wire & Picket), Richmond, Ind.
Gem Wire Fence Co., Pontiac, Mich.
Jackson Fence Co. ("Jackson"), Jackson, Mich.
Johnston & Jennings Co., Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
Kitselman Bros. (Woven Wire), Muncie, Ind.
Lansing Co. ("Lansing," Wire & Picket), Lansing, Mich.
Lyle & Reynolds, Crawfordsville, Ind.

8294— Fertilizer Machinery

See also Pulverizing Machinery

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
American Process Co., 68 William, New York
Atlanta Mfg. & Supply Co., Atlanta, Ga.
Atlanta Utility Works, East Point, Ga.
Atlas Engineering Co., Amherst, O.
See adv index at end of book
BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
Bouchard Jno. & Sons Co., Nashville, Tenn.
Brecht Co., 1201 Cass av, St. Louis, Mo.
Buffalo Engine Co., Buffalo, N. Y.
Campbell P. F., 51 Laurel, Phila, Pa.
Codd E. J. Co., 700 S Caroline, Baltimore, Md.
Dempwolf C. H. & Co. (Steel Mixers, etc), York, Pa.
Flynn & Emrich Co., 305 N Halliday, Baltimore, Md.
Holmes & Blanchard Co., 31 State, Boston, Mass.
Hydraulic Press Mfg. Co. (Hydraulic Pressing), Mt. Gilead, O.
Manitowoc Engineering Works, Manitowoc, Wis.
Marquette John N. Sons, 513 S Eden, Baltimore, Md.
Pratt Engineering & Machine Co. (Complete Plants), Atlanta, Ga.
Renneburg E. & Sons Co., 2639 Boston, Baltimore, Md.
Sackett A. J., cor 4th av & 1st, Baltimore, Md.
Smith T. L. Co. ("Smith-Chicago" Fertilizer Mixers), 1151 32d, Milwaukee, Wis.
Stedman's Foundry & Machine Works, Aurora, Ind.
Stroud E. H. & Co., 928-934 Fullerton av, Chicago, Ill.
Valk & Murdoch Co., Charleston, S. C.
Walker & Elliott, 2d & Lombard, Wilmington, Del.
Werner & Pfleiderer Co., 1232 N Niagara, Saginaw, Mich.

8295—Fibre Cleaning Machines

Smith Samuel Machine Co. ("Brandy"), Lawrence, Mass.
Watson Machine Co., Paterson, N. J.

8296— Fibre Machinery

American Machine & Mfg. Co. (Reclaiming), Greenville S. C.
Ehrsam J. B. & Sons Mfg. Co. (Wood), Enterprise, Kans.
Fiber Barrel Machine & Mfg. Co., 2516 Jane, Pittsburgh, Pa.

8297—Fibre Machinery (Hard Fibre)

Downingtown Mfg. Co., East Downingtown, Pa.
Lobdell Car Wheel Co., G nr Christiana, Wilmington, Del.
Pusey & Jones Co., ft. Poplar, Wilmington, Del.

8298— File Machinery

Hess Machine Works (Also Rasp Machinery) (Jno. A. Hess), 2512 Callowhill, Phila., Pa.

8299— File Room Machinery

See also Saw Filing & Setting Machines; also Band Saw Setting Machines

Covel Mfg. Co., Benton Harbor, Mich.
Hanchett Swage Works, Big Rapids, Mich.
Rotary File & Machine Co., 200 Diamond, Brooklyn, N. Y.

File Sharpening Machines

See Sharpeners, File

8300—File Testing & Indicating Machines

Olsen Tinius Testing Machine Co. ("Herbert," Automatic), 500 N 12th, Phila., Pa.

8301— Filing Machines

Noble & Westerbrook Mfg. Co., Hartford, Conn. *See adv index at end of book*
ROBINSON TOOL WORKS, INC. ("Hartford," Motor or Belt Driven), Waterbury, Conn. *See adv index at end of book*
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Stearns E. C. & Co. (Circular Saw Side), 450 Oneida, Syracuse, N. Y.

8302—Filing Machines (Bench)

Ames B. C. Co., Waltham, Mass.
Edge & Edwards Machinery Co., Newark, N. J.

When writing to firms whose names appear in this book please mention
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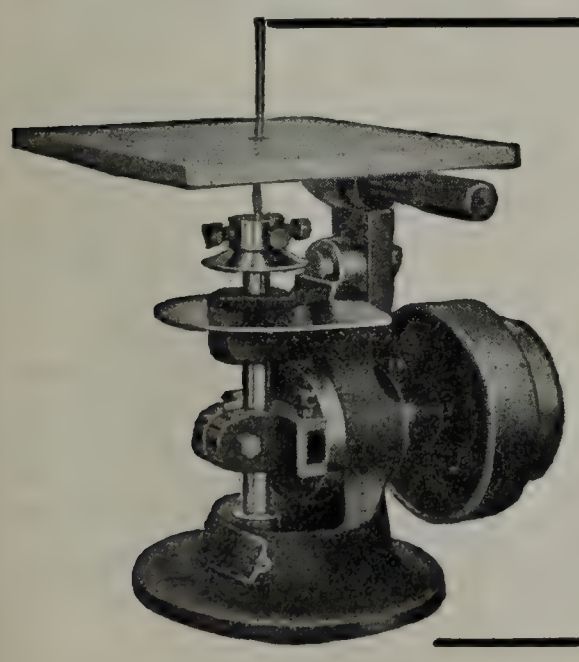

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will handle a heavier class of work in addition to the smaller sizes. Top plate is 8 in. square and stroke of file is 1½ in. Machine makes 600 strokes per minute, and weighs 51 lb.

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THE ROBINSON TOOL WORKS, Inc., Waterbury, Conn

8303—Filing Machines (Die)

Anderson Die Machine Co. ("Anderson," (Rotary Process), 544 Iraniston av, Bridgeport, Cann.
See adv index at end of book

"ANDERSON" Rotary Process Die Filing Machines.
Die Forming Machines.
"ANDERSON" Vertical Spindle Tapping Machines.
"ANDERSON" Super-Helical Milling Cutters.

ANDERSON DIE MACHINE CO.
544 Graniston Avenue, Bridgeport, Conn.

Cochrane-Bly Co. (For Sawing Out & Filing Blanking Dies), Rochester, N. Y.
Holmes Mfg. Co., Shelton, Conn.
Illinois Tool Works, 154 E Erie, Chicago, Ill.
ROBINSON TOOL WORKS, INC. ("Hartford," Motor or Belt Driven), Waterbury, Conn. *See adv index at end of book*
Thurston Mfg. Co., 140 Benedict, Providence, R. I.

8304—Filter Cloth & Bag Washing Machines

American Laundry Machinery Co., Cincinnati, Ohio

8305—Filter Mass Washing Machines

Danner Adam Co., Yonkers, N. Y.
Kaestner & Hecht Co., 500 Throop, Chicago, Ill.
Olsen & Tilgner Mfg. Co. (Double Rake), 2280 Elston av, Chicago, Ill.

8306— Fire Hose Machinery

Royle, Jno. & Sons, Inc., Paterson, N. J.

8307— Fire-Proofing Machinery

American Clay Machinery Co., S Walnut, Bucyrus, O.
Bonnot Company, Canton, O.
Fate J. D. Co., Plymouth, O.

8308—Fish Dressing Machines

Smith Cannery Machine Co. ("Iron Chink"), Seattle, Wash.

8309— Fish Line Machinery

Brownell G. L., Worcester, Mass.

8310—Fishing Net Machinery

Fowler Net & Twine Co., 107 S 2d, Phila., Pa.

8311— Flanging Machines

See also Presses, Hydraulic Flanging
Alliance Machine Co., Alliance, O.
Ams Max Machine Co. (Automatic for Can Makers), Bridgeport, Conn.
Baily & Allen Co., 122 S Michigan blvd, Chicago, Ill.
BLISS E. W. CO. (Sheet Metal), 19 Adams, Brooklyn, N. Y.
See adv index at end of book
Chambersburg Engineering Co. (Four Column & Universal Hydraulic), Chambersburg, Pa.
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, Ohio.
McCabe Mfg. Co. (Pneumatic), Lawrence, Mass.
MORGAN ENGINEERING CO. ("Universal," Hydraulic, for Boiler Heads, etc), Alliance, O. *See adv index at end of book*
NIAGARA MACHINE & TOOL WORKS, (Sheet Metal), Buffalo, N. Y.
See adv index at end of book
Niles-Bement-Pond Co. (Boiler Head, etc), 111 B'way, New York
Stecher Chas Co. (For Can Makers), 1580 Crossing, Chicago, Ill.
Wickes Bros., Saginaw, Mich.
See adv index at end of book

8312—Flask Stripping Machines

Osborne-Cleveland Mfg. Co. ("Osborn" Adjustable, etc.), 5405 E Hamilton, Cleveland, O.

8313—Flax Seed Cleaning Machines

Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.
Invincible Grain Cleaner Co., Silver Creek, N. Y.

8314— Flint Machines

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
Koegel Chas & Sons, Holyoke, Mass.

8315—Floor Polishing Machines

Dale-Rey Corp., 25 Church, New York
Hamilton Beach Mfg. Co. ("Wax-Rite" Floor Polisher), Racine, Wis.
Kent Vacuum Clean Co. ("Utility"), Rome, N. Y.
Schlueter M. L. (Tile & Composition), 225 W Illinois, Chicago, Ill.
Wisconsin Fdry. & Mach. Co., Madison, Wis.

8316—Floor Scraping Machines

See also Scrapers, Floor
Duncan Bros. & Wray Co. ("Perfection," "Wray"), Ludlow Falls, O.
Fox Supply Co. ("Fox"), Brooklyn, Wis.
Hurley Machine Co. ("Little Giant"), 31 S Clinton, Chicago, Ill.
Kepplinger Geo. J. ("Boss"), Dwight, Ill.
Miotke Jos ("Acme"), 144 Clinton, Milwaukee, Wis.
Schlueter M. L., 225 W Illinois, Chicago, Ill.
Triple "A" Machine Co. ("Anderson" Automatic Adjustable), 4125 Ravenswood av, Chicago, Ill.
Weber Mfg. Co., West Allis, Wis.

8317—Floor Scrubbing Machines

Dale-Rey Corp., 25 Church, New York
Finola Mfg. Co. ("Finnell"), Hannibal, Mo
Herr John Mfg. Co 44 N 4th, Phila, Pa
Kent Vacuum Cleaner Co. ("Utility"), ,Rome, N. Y.
International Floor Machine Co., 149 W 36th, New York
Kelley Electric Machine Co., Buffalo, N. Y.

8318—Floor Surfacing Machines

American Floor Surfacing Machine Co., Toledo, O.
Atlas Machine Co. (Electric), 7 Eddy, Providence, R. I.
Cavicchi Polishing Mail Co. (Electric), Quincy, Mass.
Chappell, Waywell & Co. (Automatic Ball Bearing Electric), 358 W Madison, Chicago, Ill.
Didricksen U. P., 1826 Summit, Columbus, Ohio
Electric Floor Surfacer Co., 149 W 36th, New York
Fox Supply Co., Brooklyn, Wis.
Ideal Floor Sander Co., 440 N Peoria, Chicago, Ill.
Kelley Electric Machine Co., Buffalo, N. Y.
Miotke Jos. ("Acme"), 144 Clinton, Milwaukee, Wis.
Northern Floor Surfaces Co., Green Bay, Wis.
Perfect Floor Surfacing Co., 614 Race, Cincinnati, O.
Power L. Co., 20 S 23rd, Phila., Pa.
Schlueter M. L. ("Schlueter" Rapid Electric), 225 W Illinois, Chicago, Ill.
Triple "A" Machine Co. ("Triple A"), 4125 Ravenswood av, Chicago, Ill.

8318a— Flotation Machines

Southwestern Engineering Co., Wesley Roberts bldg, Los Angeles, Cal.
Stimpson Equipment Co., Salt Lake City, Utah

8319—Flour Blending Machinery

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
Barnard & Leas Mfg. Co. ("Daisy" Feeder & Mixer), Moline, Ill.
Day, J. H. Co., Cincinnati, O.
Gauntt F. G. Mfg. Co., Fort Wayne, Ind.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Howes S. Co. (For Flour & Feed), Silver Creek, N. Y.
WERNER & PFLEIDERER CO., 1232 No. Niagara, Saginaw, Mich.
See adv index at end of book
Wolf Co. (For Bakeries), Chambersburg, Pa.

8320— Flour Mill Machinery

See also Grain Elevator Machinery, Etc
Acme Mill Works, Greensboro, N. C.
Albany Iron Works, Albany, Ore.
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Alsop Process Co., St. Louis, Mo.
Anglo-American Mill Co., Owensboro, Ky.
Atlanta Mfg. & Supply Co., Atlanta, Ga.
Barnard Machinery Co., Enterprise, Kan.
Barnard Mfg. Co., Spokane, Wash.
Barnard & Leas Mfg. Co., Moline, Ill.
Blymyer Iron Works Co. ("Queen of South"), Cincinnati, O.
Bullock C. K., 1357 Ridge av, Phila., Pa.
Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
Campbell P. F., 51 Laurel, Phila, Pa.
De Loach Mill Mfg. Co., Bridgeport, Ala.
Ehrsam J. B. & Sons Mfg. Co., Enterprise, Kan.
Essmueller Mill Furnishing Co., 1222 S 8th, So. Louis, Mo.
Fraser Co., 667 E Water, Milwaukee, Wis.
Gauntt F. G. Mfg. Co., Fort Wayne, Ind.
Great Western Mfg. Co., Leavenworth, Kan.
Gump B. F. Co. (Rebuilt Machinery), 431 S Clinton, Chicago, Ill.
Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor") Cleaners, Separators, Scourers, Polishers, Packers, Feeders, Mixers, Shuckers, Dust Collectors, etc), Silver Creek, N. Y.
Invincible Grain Cleaner Co. (Cleaners & Separators), Silver Creek, N. Y.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R. Ry., Phila., Pa.
See adv index at end of book
Moore & Lorenz Co., 2144 W Fulton, Chicago, Ill.
Munson Mill Machinery Co. (Buhr Stone Mills), Utica, N. Y.
Nordyke & Marmon Co. (All Kinds), 1290 Kentucky av, Indianapolis, Ind.
Nove Bros. Co., Buffalo, N. Y.
Poole Engng. & Mach. Co., Woodberry Station, Baltimore, Md.
Portland Iron Works, 14th & Northrup, Portland, Ore.
Prinz & Rau Mfg. Co., 659 E Water, Milwaukee, Wis.
Richmond Mfg. Co., Lockport, N. Y.
Robinson Mfg. Co., Muncy, Pa.
Salem Foundry & Machine Works, Salem, Va.
Savage W. J. Co., Knoxville, Tenn.
Salt Lake Iron & Steel Co., Salt Lake City, Utah
Simpson-Orville Co., Cincinnati, O.
Southern Engine & Boiler Works, Jackson, Tenn.
Southwestern Engng. Co., Springfield, Mo.
Sprout Waldron & Co., Muncy, Pa.

Starr B. F. Co., Guilford av & Center, Baltimore, Md.
Strong-Scott Mfg. Co., 413 S 3rd, Minneapolis, Minn.
Ty-Sa-Man Machine Co., Knoxville, Tenn.
Union Iron Works, Decatur, Ill.
Williamette Iron & Steel Works, Portland, Ore.
Willford Mfg. Co., 303 S 3rd, Minneapolis, Minn.
Wolf Co. (Complete Plants), Chambersburg, Pa.
Ypsilanti Machine Works, Ypsilanti, Mich.

8321—Flour Sifting & Mixing Machines

Gerdes & Co., 42 Church, New York
See adv index at end of book
Rockwell L. A. Co. (Also Blenders), 430 Smith, Brooklyn, N. Y.
Werner & Pfleiderer Co., 1232 No. Niagara, Saginaw, Mich.
Wolf Co., Chambersburg, Pa.

8322—Flower Pot Machinery

Baird Machine & Mfg. Co. ("Baird" Automatic Pottery Molders), 54 Jefferson av, Detroit, Mich.
CROSSLEY MACHINE CO., State & Chestnut av, Trenton, N. J.
See adv index at end of book
Ivens, Wm. H. Sons Co., P. O. Box 647, Trenton, N. J.
Taplin-Rice-Clerkin Co., Akron, O.

8323—*Flue Cleaning Machinery

See Cleaners, Boiler Flue or Tube, Steam or Power

8324-5—Flue Welding Machines

See also Furnaces, Flue Welding; also Pneumatic Flue Welders

Hartz H. V. Co., Cleveland, O.
Hauck Mfg. Co., 101 11th, Brooklyn, New York
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Federal Elec. Welder Co. (Electric), Warren, O.
Ryerson Jos. T. & Son ("Ferguson"), 2558 W 16th, Chicago, Ill.
See adv index at end of book
Southwark Foundry & Machine Co., 430 Washington av, Phila., Pa.

8326—Fluting Machines (Tap & Reamer)

8327—Fluting & Plaiting Machines

North Bros. Mfg. Co. ("Crown" & "Knox," "American" & "Eagle" Fluting Machines), Lehigh av & American, Phila., Pa.

8328—Fly Inserting Machines

Hobbs Mfg. Co. (For Paper Box Makers), Worcester, Mass.

8329—Folding Box Machinery

United Printing Machinery Co., 100 Summer, Boston, Mass.

8330—Foot Power Sawing Machines

Millers Falls Co. ("Cricket"); Works: Millers Falls, Mass.

8331— Forging Machines

See also Hammers, Power; also Presses, Power; also Presses, Hydraulic Forging; also Bulldozer or Bending Machines

Acme Machinery Co., Cleveland, O.
Ajax Mfg. Co., Cleveland, O.
Beaudry & Co. ("Champion," "Peerless," Belt or Motor Driven), 141 Milk. Boston, Mass.
Bethlehem Steel Co., South Bethlehem, Pa.
Billings & Spencer Co. ("B. & S."), Hartford, Conn.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Lourie Mfg. Co. (Hydraulic), Springfield, Ill.
MERRILL BROS. (Hammers), 3 Arnold, Maspeth (Borough of Queens), New York *See adv index at end of book*
MORGAN ENGINEERING CO., Alliance, O. *See adv index at end of book*
National Machinery Co., Tiffin, O.
Niles-Bement-Pond Co., 111 B'way, New York
Pawtucket Mfg. Co., Pawtucket, R. I.
Toledo Machine & Tool Co., Toledo, O.
Union Switch & Signal Co., Swissvale, Pa.
United Hammer Co. ("Fairbanks"), 141 Milk, Boston, Mass.
Williams, White & Co., Moline, Ill.

Forging Machines (Hydraulic)

See Presses, Hydraulic Forging

8332—*Forging Machines (Sheet Work)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

8333—*Forging & Bending Machines

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

8333a — Forgings — Upsetting, Machinery

NORRIS BROS., Robinson, Ill.
See adv index at end of book

8334—*Forming Machines (Hydraulic)

WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*

8335—Forming & Bending Machines

See also Wire Forming Machines; also Wood Forming Machines

Ajax Mfg. Co., Cleveland, O.
AMERICAN CAN CO. (Machinery Dept.) (For Tin & Sheet Metal), Monroe bldg, Chicago, Ill. *See adv index at end of book*
Badger State Machine Co., Janesville, Wis.
Baily & Allen Co., 122 S Michigan Blvd, Chicago, Ill.
Baird Machine Co. ("Automatic Wire"), Bridgeport, Conn.
Bertsch & Co., Cambridge City, Ind.
Consolidated Press Co., Hastings, Mich.
Coulter & McKenzie Machine Co. (For Wire & Sheet Metals), Bridgeport, Conn.
Frost C. L. & Son, Grand Rapids, Mich.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Hartford Machine Screw Co. (Forming), Hartford, Conn.
Hilles & Jones Co., East Wilmington, Del.
See adv index at end of book
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Lang E. M. Co., Portland, Me.
Leffler Chas. & Co. (Can Forming, Bending, etc), 59 Clymer, Brooklyn, N. Y.
See adv index at end of book
Long & Allstatter Co. (Horizontal), Hamilton, O.
National Machinery Co., Tiffin, O.
NIAGARA MACHINE & TOOL WORKS (Sheet Metal), Buffalo, N. Y.
See adv index at end of book
Niles-Bement-Pond Co., 111 B'way, New York
Ohl Geo. A. & Co. (Sheet Metal), 159 Oraton, Newark, N. J.
Peck, Stow & Wilcox Co. (Sheet Metal), Southington, Conn.
Robinson J. M. Mfg. Co. (Sheet Metal), Cincinnati, O.
Slater-Marsden-Whittemore Co. ("Beloit" Slip Roll Hand), Beloit, Wis.
Swaine Fred. J. Mfg. Co. (Can Body), 7th & O'Fallon, St. Louis, Mo.
Wallace Supplies Mfg. Co., 412 Orleans, Chicago, Ill.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*
Whiting Geo. Co. (Forming), 1719 Elston av, Chicago, Ill.
Wickes Bros., Saginaw, Mich.
See adv index at end of book
Williams, White & Co., Moline, Ill.
Wood Wm. H., Media, Pa.

8336—Forming & Curving Machines

NIAGARA MACHINE & TOOL WORKS. (For Corrugated Material), Buffalo, N. Y. *See adv index at end of book*

8337— *Foundry Machinery

See also the Specific Article Required

INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*
SHUSTER F. B. CO. (Sprue Cutters), Cedar Hills, New Haven, Conn.
See adv index at end of book
Tabor Mfg. Co., 1740 Hamilton, Philadelphia, Pa.

8338—Fourdrinier & Cylinder Paper Machines

Bagley & Sewall Co., Watertown, N. Y.
Beloit Iron Works, Beloit, Wis.
Black-Clawson Co., Hamilton, O.
Clark H. C. & Son Machine Co., Lee, Mass.
Emerson Mfg. Co., Lawrence, Mass.
Horne J. H. & Sons Co., Lawrence, Mass.
Moore & White Co., N 15th & Lehigh av, Phila., Pa.
Pusey & Jones Co., ft Poplar, Wilmington, Del.
Rice, Barton & Fales Mach. & Iron Co., Worcester, Mass.
Sandy Hill Iron & Brass Works, Hudson Falls, N. Y.
Smith & Winchester Mfg. Co., South Windham, Conn.

8338a—*For Threading Machines

GREENFIELD TAP & DIE CORPN., Greenfield, Mass.
See adv index at end of book

8339—Fraying Machines (Carpet)

Reed Mfg. Co. (Hand & Power), Springfield, O.

Freight Handling Machines

See Conveyors, Freight

8340—*Fruit Can Machinery

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

8341—Fruit Grading & Packing Machines

Anderson-Barngrover Mfg. Co., San Jose, Cal.

Fruit Package Stapling Machines

See Wire Stapling Machinery

Fruit Paring Machines

See Parers, Fruit & Vegetable

8342—Fruit & Vegetable Pulp Rubbing Machines

Kelso & Co., 339 W Quincy, Chicago, Ill.

Fuel Briquetting Machinery

See also Briquetting Machines

Atlas Engineering Co., Amherst, Ohio
See adv index at end of book

8343—Fuller's Earth Machinery

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
Sprout Waldron & Co., Muncy, Pa.

Fur Dressing Machinery

See Fur Manufacturers' Machinery

8344—Fur Manufacturers' Machinery

Almond David (Blowers, Mixers, Cutters, etc), 88 Warren, Newark, N. J.
Corey Machine Co. (For Combing, Washing & Clipping For Skins), Gloversville, N. Y.

8345—Furnace Charging Machines

See also Furnaces, Various Kinds

Brosius Elgar E., Benedum Trees bldg, Pittsburgh, Pa.
MORGAN ENGINEERING CO. (For Both Horizontal & Vertical Furnaces), Alliance, O. *See adv index at end of book*
Wellman-Seaver-Morgan Co., Cleveland, Ohio

8346—*Furnace Pipe Seaming Machines

NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*

8347— Fuse Machinery

Langelier Mfg. Co., Arlington, Providence, R. I.

8348— Gaining Machines

Bentel & Margedant Co., Hamilton, O.

8349—Galvanizing Machinery

ERIE FOUNDRY CO. (Sheet), Erie, Pa.
McDermott P. J., Martins Ferry, Ohio.
National Galvanizing & Plating Equipment Corp. (Electro), 52 B'way, New York
Turner, Vaughn & Taylor Co. (For Wire Only), Cuyahoga Falls, O.
United Enging. & Fdry. Co., 307 5th av, Pittsburgh, Pa.

Gang Drilling Machines

See Wood Gang Drilling Machines; for Metal Drills, see Drilling Machines, Gang

8350—Gang Slitting Machines

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
McCarthy Drill & Tool Corp., Toledo, O.
Morse Twist Drill & Machine Co., New Bedford, Mass.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book
Pratt & Whitney Co., Hartford, Conn.

Garbage Disposal Machines

See Garbage Disposal Plants

8351—*Garment Pressing Machines (Steam)

Newman Mfg. Co., 717 Sycamore, Cincinnati, O. *See adv index at end of book*

8352—Gas Burner Drilling Machines

Michigan Press Co., Ypsilanti, Mich.

8353— Gas Machines

American Gas Machine Co. ("American," "Hanson," "Perfection"), Albert Lea, Minn.
Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
Brauer Acetylene Lighting Co., Marshalltown, Ia.
Coleman Gas Works Mfg. Co., 829 Sycamore, Cincinnati, O.
Daugherty W. Co., Princeton, Ind.
Detroit Heating & Lighting Co. (Combination), Detroit, Mich.
Incandescent Light & Stove Co., Marburg av & B. & O. R. R., Oakley, Cincinnati, O.
Kemp C. M. Mfg. Co. ("Climax" "Twentieth Century," for Generating Fuel Gas for Manufacturing), 405 E. Oliver, Baltimore, Md.
Lindsay W. W. & Co., Harrison bldg, Phila., Pa.
Matlack W. H., Louisville, Ky.
Matthews Gas Machine Co., 180 N Dearborn, Chicago, Ill.
Penna. Globe Gas Light Co., 1934 Market, Phila., Pa.
Speer Gas Machine Mfg. Co., 412-413 Bumiller bldg, Los Angeles, Cal.
Selas Co. (Fuel Gas for Mfg), 521 W 23d, New York
Stonington Gas Lighting & Heating Co., Stonington, Me.
Sunlight Gas Machine Co., 68 Summit, N. Y.
Tirrill Gas Machine Lighting Co., 103 Park av, New York
United States Gas Machine Co., Muskegon, Mich.
Walther-Vogler Gas Mach. Co., Davenport, Ia.
Whiteacre J. E. Mfg. Co., Rockford, Ill.

8354—Gas Machines (Acetylene)

Abner Mfg. Co., Wapakoneta, O.
Bauer Machine Works Co., Kansas City, Mo.
Brauer Acetylene Lighting Co. ("Brauer"), Marshalltown, Ia.
Bolker L. S., 183-187 W Third, St. Paul, Minn.
Carbic Mfg. Co., 301 S 55th av, Duluth, Minn.
Charbeneau J. C., Mt. Clemens, Mich.
Coleman Gas Works Mfg. Co., 829 Sycamore, Cincinnati, Ohio
Colt J. B. Co., 30 E 42nd, New York
Davis Acetylene Co. (Carbide Feed), Elkhart, Ind.
Detmer Mfg. Co., 2518 Archer av, Chicago, Ill.
Gem City Acetylene Generator Co., Dayton, O.
Hercules Mfg. Co., Chattanooga, Tenn.
Herz Mfg. Co., St. Paul, Minn.
Ideal Acetylene Co., Johnstown, Pa.
International Oxygen Co. (dlrs.), 115 B'way, New York
Ireland Mfg. Co., Washington C. H., O.
Jenne Acetylene Gas Machine Co., Traction Terminal bldg, Indianapolis, Ind.
K. C. Generator Co., Kansas City, Mo.
Krein Mfg. Co. ("Abner"), Wapakoneta, Ohio
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
MILBURN A. ALEXANDER CO. (Generators for House Lighting, etc), 1420 W Baltimore, Baltimore, Md.
See adv index at end of book
Miller Lighting Co. ("Daisy Jr.," Generator), Detroit, Mich.
Model Generator Co., Louisville, Ky.
Monmouth Acetylene-Electric Mfg. Co. ("Illinois"), Monmouth, Ill.
New England Mfg. Co., 1st National Bank bldg, Chicago, Ill.
Night Commander Lighting Co., Jackson, Mich.
Oxweld Acetylene Co. ("Pilot"), 640 Frelinghuysen av, Newark, N. J.
Phelps Mfg. Co., 38 S Dearborn, Chicago, Ill.
Rose Mfg. Co. ("Nervous"), 910 Arch, Phila., Pa.
St. Clair Mfg. Co. ("Daytonia"), Dayton, Ohio
Sober, C. K. (Lumber), Lewisburg, Pa.
Struthers R. F. Co., Omaha, Neb.
U. S. Standard Co. ("Night Commander"), Voorheesville, N. Y.
Vulcan Process Co., 25th & University av, S E, Minneapolis, Minn.

8355—Gas Machines (Gasoline)

American Gas Machine Co., Albert Lea, Minn.
Economy Gas Lamp Co., 236 Goodrich, Kansas City, Mo.
Economy Gas Machine Co. ("Economy"), Rochester, N. Y.
Freeport Gas Machine Co., Freeport, Ill.
Hawkeye Mfg. Co., Waterloo, Iowa
Incandescent Light & Stove Co., Marburg av & B. & O. R. R. Oakley, Cincinnati, O.
Kemp C. M. Mfg. Co. ("Climax" Twentieth Century," for Generating Fuel Gas for Manufacturing), 405 E Oliver, Baltimore, Md.
Matthews Gas Machine Co., 180 N Dearborn, Chicago, Ill.
Severance Gas Machine Co., Freeport, Ill.
Tirrill Gas Machine Lighting Co. (For Lighting, Cooking, Heating & Power), 103 Park av, New York
Wather-Vogler Gas Machine Co. (Cold Process), Davenport, Iowa
Whitacre-Goshert Mfg. Co., Rockford, Ill.

8356—Gas Machines (Naphtha Gas)

Kemp C. M. Mfg. Co. ("Twentieth Century" for Generating Fuel Gas for Manufacturing), 405 E Oliver, Baltimore, Md.

8357—Gas Retort House Machinery

Western Gas Construction Co., Ft. Wayne, Ind.

8358—Gas Works Machinery

See also Gas Works Apparatus & Construction; also Specific Article Required

Gas Machinery Co. ("Gasmaco" By-Product Machinery, etc.), 1900 Euclid av, Cleveland, O.
Isbell-Porter Co. (Charging & Discharging Machinery, Extractors, etc), 46 Bridge, Newark, N. J.
Lloyd Construction Co., 860 Greenwood av, Detroit, Mich.
Western Gas Construction Co., Ft. Wayne, Ind.

8358a—Gas & Air Mixing Machines

KEMP C. M. MFG. CO ("Kemp" For Reducing Gas Consumption), 405 E Oliver, Baltimore, Md.

8359—Gate Hook Machines (Automatic)

Nilson A. H. Machine Co., Bridgeport, Conn.

8360—Gear Cleaning Machines

Crowther T. & Co. (Automatic), 170 Oliver, Boston, Mass.
Upton & Gilman Machine Co. (Automatic), Lowell, Mass.

8361—Gear Cutting Machines

American Watch Tool Co. (Automatic Pinion & Wheel Cutters), Waltham, Mass.
Barber-Colman Co., Rockford, Ill.
Bilgram Machine Works (Bevel), 1235 Spring Garden, Phila., Pa.
Bilton Machine Tool Co. The ("Bilton" Automatic Gear Miller), Bridgeport, Conn.
Brown & Sharpe Mfg. Co. (Automatic), Providence, R. I.
Cincinnati Gear Cutting Machine Co. (Automatic), Elam & Garrard av, Cincinnati, O.
Eagle Tool & Machine Co. (Special Tools & Machinery), 519 South av, Pittsburgh, Pa.
Fellows Gear Shaper Co., Springfield, Vt.
Flather E. J. Mfg. Co., Nashua, N. H.
Garvin Machine Co., 147 Varick, New York
Gleason Works (Bevel, Spiral Type Bevel Roughing & Finishing), 2000 University av, Rochester, N. Y.
Gould & Eberhardt (Automatic Gear & Pinion), Newark, N. J.
Mafetro Machine & Tool Co., Worcester, Mass.
Newark Gear Cutting Machine Co. (Automatic), 69 Prospect, Newark, N. J.
Newton Machine Tool Works, 23 Vine, Philadelphia, Pa.
Pratt & Whitney Co. (Involute & Epicycloidae), Hartford, Conn.
Reynolds Machine Co. (Automatic), Massillon, O.
SIMMONS MACHINE CO. (INC.), 987 Broadway, Albany, N. Y.
See adv index at end of book
Sloan & Chase Mfg. Co. (Ltd.), (Automatic), 351 6th av, Newark, N. J.
WALTHAM MACHINE WORKS (Small, Automatic), Waltham, Mass.
WHITON D. E. MACHINE CO., New London, Conn. *See adv index at end of book*
Woodward Machine Co., Wooster, O.

8362—Gear Hobbing Machines

Adams Co. ("Farwell' Automatic), Dubuque, Ia.
Barber-Colman Co., Rockford, Ill.
Bilton Machine Tool Co., The, ("Bilton"), Bridgeport, Conn.
Gould & Eberhardt, Newark, N. J.
Lees-Bradner Co., Cleveland, O.
MEISSELBACH - CATUCCI MFG. CO. ("M-C" Hobbing Gear Cutter), 25 Congress, Newark, N. J.
See adv index at end of book
Reynolds Machine Co. (Automatic)
Schuchardt & Schutte (Automatic, from 1-4 to 128 inch), 90 West, New York
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.

8363—Gear Testing Machines

Adams Co. ("Farwell"), Dubuque, Ia.
Gishold Machine Co., Madison, Wis.
Gleason Works (Bevel), 2000 University av, Rochester, N. Y.
Morse Twist Drill & Machine Co., New Bedford, Mass.

8364—Gear Tooth Rounding Machines

Ingle Machine Co., 371 St. Paul, Rochester, N. Y.

8365—Gelatine Coating Machines

Colton Arthur Co., Jefferson & Chene, Detroit, Mich.

8366—German Silver Rolling Mill Machinery

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

8367—Gin Saw Filing Machines & Gummers

American Machinery Co. ("Dixie" Combination), Atlanta, Ga.
Bradley Gin Saw Filer Co., Dallas, Tex.
Carver Cotton Gin Co., East Bridgewater, Mass.
Creasy Rotary Filer Co., Ballinger, Tex.
Wood A. A. & Sons Co. ("Simplex"), Atlanta, Ga.

8367a—Glass Beveling Machinery

See also Glass Polishing Machines

Hisey-Wolf Machine Co. ("Hisey" Portable Electric), Cincinnati, O.
Lange Henry G., 162 N May, Chicago, Ill.

8368—Glass Blowing Machines

Cox & Sons Co., 5th & Chestnut, Phila., Pa.
Miller Machine & Mould Works (Automatic), Columbus, Ohio
Yockel Chas. & Sons, 1220 N Lawrence, Phila., Pa.

8369—Glass Decorating Machinery

Tilghman-Brooksbank Sand Blast Co. (Sand Blast Etching Machines), 1126 S 11th, Phila., Pa.

8370—Glass House Machinery

Acton John (Glass Roughing, Smoothing, etc), 118 John, Brooklyn, N. Y.
Center Foundry & Machine Co., Wheeling, W. Va.
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
Evans Mold & Foundry Co., Uniontown, Pa.
Knott & Harker Co., Beaver Falls, Pa.
Krebs Emil, Elwood, Ind.
O'Neill Machine Co., Toledo, O.
Patch S. B. & Sons Co., Streator, Ill.
Rochester Mould & Machine Co., Rochester, Pa.
Rosedale Foundry & Machine Co. (For Plate, Wire & Ribber Glass), Columbus & Preble, Pittsburgh, Pa.
Smith T. L. Co., The (Glass Batch Mixers), 1151 32d, Milwaukee, Wis.
Sommerfeld Mach, & Mfg. Co., 216 2d av, Pittsburgh, Pa.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
Yockel Chas. & Sons, 1220 N Lawrence, Phila., Pa.

8371—Glass Polishing Machines

Acton John, 118 John, Brooklyn, N. Y.
Hisey-Wolf Machine Co. ("Hisey" Electric), Cincinnati, O.
Lange Henry G., 162 N May, Chicago, Ill.
Stow Flexible Shaft Co., 26th & Callowhill, Phila., Pa.

8372— Glazing Machines

Luther Mfg. Co. (Knife), Olean, N. Y.
Sigwart & Rolston, 341 2nd av, Pittsburgh, Pa.

8373— Glossing Machines

Chambers Bros. Co., 52d below Lancaster av, Phila., Pa.

8374—Glove Machinery, Etc.

Corey Machine Co., Gloversville, N. Y.
Curtin Herbert Co. (Special Machine & Glove Sewing Machines; also All Kinds of Machinery for Leather, Canvas & Silk Glove Mfrs.), Gloversville, N. Y.
Gustin M. & Son (Cutting Dies), Johnstown, N. Y.
Haag's Cutting Die Works (Glove Cutting Dies, etc), Gloversville, N. Y.

8375—Glue Cutting Machines

Black-Clawson Co. (Hand or Belt Power), Hamilton, O.

8376—Glue Factory Machinery & Apparatus

American Process Co., 68 William, New York
Francis Chas. E. Co., Rushville, Ind.
Joslin Schmidt Co., 3223 Spring Grove av, Cincinnati, O.
Mead & Co., Detroit, Mich.

8377—Glue Jointing Machines

Falls Machine Co. (Automatic), Sheboygan Falls, Wis.
Francis Chas. E. Co., Rushville, Ind.
Linderman Machine Co. ("Linderman" Dovetail), Muskegon, Mich.
Yates P. B. Machine Co., Beloit, Wis.

8378—Glue Spreading Machines

Advance Machinery Co., Toledo, O.
Boyle John & Co., Peabody, Mass.
Francis Chas. E. & Co., Rushville, Ind.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Grand Rapids Veneer Wks., Grand Rapids, Mich.
Towsley Jno. T. Mfg. Co., Cincinnati, O.

8379—Glycerine Machinery & Apparatus

Badger E. B. & Sons Co. (Complete Plants), 75 Pitts, Boston, Mass.
Garrigues Wm. & Co., 154 Nassau, New York
Houchin-Aiken Co., 113 53d, Brooklyn, N. Y.
Jobbins Wm. F., Inc. ("J. Van Ruymbeke's," for Crude & Refining), Aurora, Ill.

Gold Dredging Machinery

See Dredges, Gold & Placer Mining

8379a—*Gold & Silver Rolling Mill Machinery

Philadelphia Roll & Machine Co., 25th & Washington av, Phila., Pa.

8380— Graduating Machines

Altender T. & Sons, 945 Ridge av, Phila., Pa.
Brandis Sons Mfg. Co., 754 Lexington av, Brooklyn, N. Y.
Burr Co., Champaign, Ill.
Hope Jno. & Sons Engraving & Mfg. Co. (Precision, for Steel Tools, etc), 1 Mashapaug, Providence, R. I.
LeBlond R. K., Machine Tool Co., Cincinnati, O.
Modern Tool Co., 300 State, Erie, Pa.
See adv index at end of book

8380a—*Grain Cleaning Sieves & Screens

Erdle Perforating Co., 181 York, Rochester, N. Y. *See adv index at end of book*

8381—Grain Cleaning & Grading Machinery

See also Flour Mill Machinery

Barnard & Leas Mfg. Co., Moline, Ill.
Campbell P. F., 51 Laurel, Phila., Pa,
Constant B. S. Mfg. Co., Bloomington, Ill.
Fooston Mfg. Co. ("New Process" & "Cyclone" Elevator, "Fooston" Automatic, "S. & H."), 473 Cleveland, St. Paul, Minn.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Ghent Mfg. Co. ("Wonder"), Ghent, Minn.
Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor," for Grain, Seed, Rice, Flax, Malt, Coffee, Peanuts, Vegetables, etc), Silver Creek, N. Y.
International Mfg. Co., Crestline, O.
Invincible Grain Cleaner Co., Silver Creek, N. Y.
Johnson & Field Mfg. Co., Racine, Wis.
Leader Machine Co. (for Grain & Seeds), 2841 N Francisco av, Chicago, Ill.
Maytag Co. ("Hawkeye"), Newton, Ia.
Messinger Mfg. Co., Tatamy, Pa.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Owens J. L. Co., Fulton & S E Huron, Minneapolis, Minn.
Portland Iron Works ("Eureka"), 14h & Northrup, Portland, Ore.
Prinz & Rau Mfg. Co. (Iron Prince Scourer), 659 E. Water, Milwaukee, Wis.
Richmond Mfg. Co., Lockport, N. Y.
Smith Phillip Mfg. Co., Sidney, O.
Sprout, Waldron & Co., Muncy, Pa.
Success Seed Grader Co., Spokane, Wash.
Twin City Separator Co., 29th & Colfax av, S Minneapolis, Minn.
Union Iron Works, Inc. ("Western") Decatur, Ill.
Wolf Co., Chambersburg, Pa.

8382—Grain Elevator Machinery & Appliances

Amer. Grain Separator Co., Erie & S E Essex, Minneapolis, Minn.
Barnard Mfg. Co., Spokane, Wash.
Chain Belt Co., Milwaukee, Wis.
Diamond Iron Works, 2nd & 18th av, N Minneapolis, Minn.
Ehrsam J. B. & Sons Mfg. Co., Enterprise, Kans.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Gill P. H. & Sons, 2 Lorraine, Brooklyn, N. Y.
Globe Machinery & Supply Co., Des Moines, Ia.
Great Western Mfg. Co., Leavenworth Kans.
Hastings Foundry & Iron Works, Hastings, Neb.
Howes S. Co., Silver Creek, N. Y.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
McDonnell Boiler & Iron Wks., Des Moines, Ia.
Marseilles Co., East Moline, Ill.
Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.
Moore & Lorenz Co., 2144 W Fulton, Chicago, Ill.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Power Equipment Co., 212 3rd av, N Minneapolis, Minn.
Skillin & Richards Mfg. Co., 4520 Cortland, Chicago, Ill.
Smith Philip Mfg. Co., Sidney, O.
Sprout Waldron & Co., Muncy, Pa.
Southwestern Engng. Co., Springfield, Mo.
Stephens-Adamson Mfg. Co., Aurora, Ill.
Strong-Scott Mfg. Co., 413 S 3rd, Minneapolis, Minn.
Union Iron Works, Inc., Decatur, Ill.
Webster Mfg. Co., Tiffin, O.
Weller Mfg. Co., 1856 N Kastner av, Chicago, Ill.
Wolf Co., Chambersburg, Pa.
York Foundry & Engineering Works, York, Neb.

8383— Grain Fan Machines

Blymyer Iron Works Co. (For Rice), Cincinnati, O.

8384—Grain Scouring & Polishing Machines

Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor," for Grain of All Kinds), Silver Creek, N. Y.
Sidney Elevator Mfg. Co., Sidney, O.
Wolf Co., Chambersburg, Pa.

Granite Column Cutting Machines
See Stone Cutting Machines

8385—Granite Sawing Machines
American Granite Saw Co., Worcester, Mass.

8386— Granulating Machines
Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
Colton Arthur Co., Jefferson & Chene, Detroit, Mich.
Mulford H. K. Co., 428 S 13th, Phila., Pa.

8387—Granulating Machines (Clay)
Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
American Clay Machinery Co., S Walnut, Bucyrus, Ohio

8388—Granulating Machines (Coffee)
Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

8389—Granulating Machines (Sugar)
Haubtman & Loeb Co., Ltd., 717 Magazine, New Orleans, La.
Hersey Mfg. Co., 314 W 2d, South Boston, Mass.

8390—Grape Stemmer & Crushing Machines
Hydraulic Press Mfg. Co. (Grape Crushers), Mt. Gilead, O.
Klotz Machine Co., Sandusky, O.

8391—Gravity Incline Machines
Wellman-Seaver-Morgan Co., Cleveland, O.

8391a— Grease Cake Making
Venango Mfg. Co., Franklin, Pa.

8392—Green Pea Cleaning & Grading Machines
Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.
Invincible Grain Cleaner Co., Silver Creek, N. Y.
Sprague Canning Machinery Co. ("Clipper," "Eureka" & "Monitor"), 222 N Wabash av, Chicago, Ill.

Grinding Machinery
See Grinders; also Mills, Grinding; also Paint Grinding & Mixing Machinery; also Pulverizing Machinery

8393—Grinding Machines (Ball)
Lutz-Webster Engineering Co., 3103 Grays Ferry av, Phila., Pa.

8394-5—Grinding Machines (Burr Cylinder)
Leigh & Butler ("Dronsfield Bros."), 232 Summer, Boston, Mass.

8396—Grinding Machines (Car Wheel)
Bridgeport Safety Emery Wheel Co. (Cups Only), Bridgeport, Conn.
Hampden Corundum Wheel Co., Brightwood, Springfield, Mass.
Norton Grinding Co., Worcester, Mass.
Q. R. S. Co., 1761 Elston av, Chicago, Ill.
Springfield Mfg. Co., Bridgeport, Conn.

Grinding Machines (Flint)
See Mills, Ball & Pebble

8396a—Grinding Machines (Hob & Form Cutters
Harris H. E. Engng. Co., 1047 Broad, Bridgeport, Conn.

8397—*Grinding Machines (Moulding Knife)
WESTLUND C. G. CO. (8 Wheel Grinder), 498 Millbury, Worcester, Mass.

8397a—Grinding Machines (Nail Die & Springs)
SLEEPER & HARTLEY INC., 68 Prescott, Worcester, Mass.
See adv index at end of book

Grinding Machines (Quartz)
See Mills, Quartz

8398-9—Grinding Machines (Rail)
Indianapolis Switch & Frog Co., Springfield, O.
Kerwin Machine Co. ("Kerwin-Detroit"), Detroit, Mich.

8400—Grinding Machines (Silex)
See Mills, Ball & Pebble

8401—Grinding Machines (Spiral Cutter)
Sloan & Chase Mfg. Co. (Also for Small Milling Cutters), 351 6th av, Newark, N. J.

8402—Grinding & Polishing Machines

GRINDING & POLISHING MACHINERY
SEND FOR CIRCULARS
NOBLE & WESTERBROOK MFG. CO.
HARTFORD, CONN.

See also Lathes, Buffing & Polishing; also Grinders, Various Kinds; also Polishing Machines
Barnes W. F. & Jno. Co. (Velocipede or Foot Power), Rockford, Ill.
Blevney Machine Co. ("Blevney" Hand, Semi-Automatic & Automatic), Greenfield, Mass.
Blount J. G. Co. (Grinding, Polishing & Buffing Machines Combined), Everett, Mass.
Diamond Machine Co. ("Diamond" Swing Frame), Providence, R. I.
Dopp J. W. Co. (Dealers), 1420 Dime Bk. bldg, Detroit, Mich.
Duisdieker Foundry & Mfg. Co., Pekin, Ill.
DOPP J. W. & CO. (Dealer), 1420 Dime Bk bldg, Detroit, Mich.
Grand Rapids Grinding Machine Co., 17 Ottawa av N W, Grand Rapids, Mich.
Hemming Bros. Co. (Automatic Cutlery & Gun Barrel), New Haven, Conn.
Kane & Roach, Syracuse, N. Y.
Kemp Jas N. Machine Works, Albany, N. Y.
Myers Machine Tool Co., Columbia, Pa.
Noble & Westerbrook Mfg. Co., Hartford, Conn. *See adv index at end of book*
Perkins Grinder Co., 706 Am. Trust bldg, Cleveland, O.
Roth Bros. & Co. (Electric), 1400 W. Adams, Chicago, Ill.
Royersford Foundry & Machine Co., Royersford, Pa.
Safety Emery Wheel Co. (Swing Frame), Springfield, O.
Superior Corundum Wheel Co., Waltham, Mass.
Universal Grinding Mach. Co., Fitchburg, Mass.
Valley City Machine Works, Grand Rapids, Mich.

8403—Grommet Setting Machines
Stimpson Edwin B. Co., 68 Franklin av, Brooklyn, N. Y.

8404— Grooving Machines
Chase Turbine Mfg. Co. ("Chase's" Automatic), Orange, Mass.
Walco Mfg. Corp. ("Esco"), Providence, R. I.

8405— Grubbing Machines
Caward R. S., Cresco, Ia.
Smith Mfg. Co., La Crosse, Wis.

8406— Gum Tape Machines
National Binding Machine Co., 260 West, New York

8407—Gun Barrel Reaming Machines
Diamond Machine Co. ("Diamond"), Providence, R. I.
Reed-Prentice Co., Worcester, Mass.

8408—Gun Barrel Turning Machines
Baush Machine Tool Co., Springfield, Mass.
Reed-Prentice Co., Worcester, Mass.

8409—Gun Powder Machinery
Devine J. P. Co., Buffalo, N. Y.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
Scott Olin (Est. of), Bennington, Vt.
Werner & Pfleiderer Co. (Smokeless), 1232 N Niagara, Saginaw, Mich.
See adv index at end of book

8410— Gun Stock Machinery
Defiance Machine Works (Turning, Shaping & Inleting), Defiance, O.

8411—Gutter Forming Machinery
See also Conductor Pipe & Eave Trough Machinery
Double Truss Cornice Brake Co. ("Electric City"), Buffalo, N. Y.

8412— Gypsum Machinery
See also Plaster Mill Machinery
American Process Co., 68 William, New York
Atlas Engineering Co., Amherst, O.
See adv index at end of book
BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
Butterworth & Lowe, Grand Rapids, Mich.
Ehrsam J. B. & Sons Mfg. Co., Enterprise, Kans.
McDonnell Boiler & Iron Works Co., Des Moines, Ia.
Manitowoc Engineering Works, Manitowock, Wis.
Sprout Waldron & Co., Muncy, Pa.
Union Engineering Co., Cuyahoga & W 4th, Cleveland, O.

8413—Gyrating Cleaning Machines
Huntley Mfg. Co. ("Monitor," for Grain), Silver Creek, N. Y.

8414— Hack Saw Machines
See also Saw Blades & Frames, Hack
Armstrong-Blum Mfg. Co. ("Marvel"), 337 N Francisco av, Chicago, Ill.
Atkins E. C. & Co. ("Kwik Kut"), Indianapolis, Ind.
Burroughs Tool Co. ("Burro"), 87 Warren, New York
Cleveland Block Co. (Power), 1173 W 11th, Cleveland, O.
DIAMOND SAW & STAMPING WORKS ("Sterling," also High Speed), 357 7th, Buffalo, N. Y.
See adv index at end of book
Goodell-Pratt Co., Greenfield, Mass.
Hoefer Mfg. Co., Freeport, Ill.
Victor Saw Works (Portable & Power), Springfield, Mass.
Millers Falls Co. ("Star" Power), 28 Warren, New York
Myers Machine Tool Co., Columbia, Pa.
North Wales Machine Co., Inc. ("North Wales" Geared Power), North Wales, Pa.
Patterson Tool & Supply Co., Dayton, O.
Peerless Machine Co., Racine, Wis.
Pratt W. D. (Quick Return), Canton, O.
Quality Saw & Tool Works ("Napier" Power), Springfield, Mass.
RACINE TOOL & MACHINE CO., Racine, Wis. *See adv index at end of book*
Roberson W. Machine & Foundry Co. ("Economy"), 56 Rano, Buffalo, N. Y.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
SIMMONS MACHINE CO. INC., 987 Broadway, Albany, N. Y.
See adv index at end of book

Strong, Carlisle & Hammond Co. (The "Victor" Power), 336 Frankfort av, N W, Cleveland, O.
Sweet & Doyle ("Victor" Power), Cohoes, N. Y.
Thompson H. G. & Son Co. ("Eureka," "Milford"), New Haven, Conn.
Track Necessities Co. ("Schmidt" Hand, for Rails, etc.), 343 S Dearborn, Chicago, Ill.
West Haven Mfg. Co. ("Universal" & Acme"), West Haven, Conn.
Western Tool & Mfg. Co. ("Champion" Power), Springfield, O.

8415—Hair Washing Machines

Baker G. W. Machine Co., 218 French, Wilmington, Del.
Turner Tanning Machy. Co. ("Turner"), Peabody, Mass.

8416—Ham Branding Machines

Brecht Co., 1201 Cass av, St. Louis, Mo.

8417—Hand Bending Machines

Busch J. C. Co., 140 Ferry, Milwaukee, Wis.
Hinman D. A. & Co., Sandwich, Ill.
NIAGARA MACHINE & TOOL WORKS. (Sheet Metal), Buffalo, N. Y.
See adv index at end of book
Rock River Machine Co., Janesville, Wis.

8418—Hand Hole Cutting Machines

Chase Turbine Mfg Co., Orange, Mass.
Fischer Machine Works (Automatic for Wood), 1845 Carroll av, Chicago, Ill.
Jones Superior Machine Co. (For Wood), 1264 W North av, Chicago, Ill.
Rock River Machine Co., Janesville, Wis.

8419—Hand Shearing Machines

Braun J. G., 609 S Paulina, Chicago, Ill.
New Doty Mfg. Co., Janesville, Wis.
Niles-Bement-Pond Co., 111 B'way, New York

8420—Hand Stamp Makers' Machinery

Force W. A. & Co., 535 Pearl, New York

8421—Handle Blank Sawing Machines

Klotz Machine Co., Sandusky, O.
Trevor Mfg. Co. (Automatic), Lockport, N. Y.

8422—Handle Chucking & Boring Machines

Loetzer Valve & Mfg. Co. ("Booth" Automatic), Monroeton, Pa.

8423—Handle Polishing Machines

Defiance Machine Works (Automatic), Defiance, Ohio
Klotz Machine Co., Sandusky, O.

8424—Handle Scroll Machines

Klotz Machine Co., Sandusky, O.

8425—Handle Throating Machines

Klotz Machine Co., Sandusky, O.

8426—Handle Tumbling Machines

Trevor Mfg. Co., Lockport, N. Y.

Handle Turning Machinery

See Lathes, Handle Turning

8427— Hardware Machinery

Baird Machine Co. (Piano, Automatic), Bridgeport, Conn.
BLISS E. W. CO. (Sheet Metal), 19 Adams, Brooklyn, N. Y.
See adv index at end of book
Harron, Pickard & McCone, 139 Townsend, San Francisco, Cal.
Herrick & Cowell, New Haven, Conn.

8428— Harness Machinery

Campbell-Bosworth Mach. Co., 205 Lincoln, Boston, Mass.
Champion Shoe Machinery Co., 3727 Forest Park blvd, St. Louis, Mo.
International Harness Machinery Co., 708 Broadway, Cincinnati, O.
Randall J. D. Co., 610 W Court, Cincinnati, O.
Ross-Moyer Mfg. Co., Cincinnati, O.
Smith F. H. Mfg. Co., 3047 Carroll av, Chicago, Ill.

8429—Harness Riveting Machines

Rock Island Mfg. Co., Rock Island, Ill.
Smith F. H. Mfg. Co., 3047 Carroll av, Chicago, Ill.

8430—Harness Sewing Machines

Bauer Machine Co. (Lock Stitch, Wax Thread), Jeffersonville, Ind.
Campbell-Bosworth Machine Co. (Lock Stitch Wax Thread), 205 Lincoln, Boston, Mass.
Champion Shoe Machinery Co. 3727 Forest Park blvd, St. Louis, Mo.
Davis Sewing Machine Co., Dayton, O.
International Harness Machinery Co. (Wax Thread), 708 Broadway, Cincinnati, O.
Landis Mach. Co. (Wax Thread), 25th & Mullanphy, St. Louis, Mo.
Puritan Mfg. Co., 121 Beach, Boston, Mass.
Randall J. D. Co., 610 W Court, Cincinnati, O.

Harvesting Machinery

See Harvesters, Various Kinds

8431— Hatters' Machinery

Almond David, 88 Warren, Newark, N. J.
Bulasky L., 44 E Houston, New York
Clark Machine & Foundry Co. (Stamping Machines), Franklin, Mass.
Cuming M. A. & Co., 43 Bleeker, New York
Doran Bros., Danbury, Conn.
Durbrow & Hearne Mfg Co, 12 Wooster, New York
Ermold Edward Co. (The Printing Presses) 656 Hudson, New York
Morlack Machine Works, Danbury, Conn.
Muller Fred, 214 Lackawanna av, Newark, N. J.
New Machine Co., Danbury, Conn.
Newark Hat Block & Machine Co., 320 Ogden, Newark, N. J.
Turner Machine Co. (Also Hatters' Supplies), Danbury, Conn.

8432—Hay Unloading Machinery

MYERS F. E. & BRO., 800 Orange, Ashland, O. *See adv index at end of book*

8433—Heading Chipping Machines

Oram John S. Co., Cleveland, O.

8434—Heading Jointer & Doweling Machines

Oram John S. Co., Cleveland, O.

8435—Heading Jointing Machines

Rochester Barrel Mach. Works, Rochester, N. Y.

8436—Heading Rounding Machines

Oram John S. Co., Cleveland, O.

8437—Heading Turning Machines

Rochester Barrel Mach. Works, Rochester, N. Y.

8438—Heading, Upsetting & Forging Machines (Combined)

Ajax Mfg. Co., Cleveland, O.

8439—Heading & Shingle Sawing Machines

Oram John S. Co., Cleveland, O.
Rochester Barrel Machine Works (Pendulous), Rochester, N. Y.

8440— Heating Machines

See also Furnaces, Annealing & Case Hardening

American Gas Furnace Co. (For Hardening Annealing, etc), 24 John, New York
Otis Boiler Co. Inc., 335 W 1st, Oswego, N. Y. *See adv index at end of book*
Rockwell W. S. Co., 50 Church, New York. *See adv index at end of book*

8441—Heel Building Machines

United Shoe Machinery Co. ("Boss"), 205 Lincoln, Boston, Mass.

8442—Hide Stamping Machines

Slocomb F. F. & Co., 14th & Poplar, Wilmington, Del.

8443—Hide & Leather Working Machinery

Associated Tanners' Machinery Co., 424 Essex, Salem, Mass.
Baker G. W. Machine Co., 218 French, Wilmington, Del.
Boyle John & Co. (Shaving Macine), Peabody, Mass.
Evans' John Sons, 506 N 13th, Phila., Pa.
Hemingway Machine Co., Lynn, Mass.
Hide & Leather Wrkg. Machine Co. (Tanning & Currying Machines, Unhairing Machines, Parts, Tools, etc.), 4215 Meinecke av, Milwaukee, Wis.
Holmes Chas. Leather Working Machinery Co., Cambridge, Mass.
Hutchinson Leather Machine Co., Winchester, Mass.
Layman A. C. Machine Co., 11th & Lombard, Wilmington, Del.
Loy & Newrath Co., 35 Runyon, Newark, N. J.
Martin Wm. F. (Tan Presses, Finishing Machines, etc), Salem, Mass.
Munkwitz Edw. H. Co., 159 Muskego av, Milwaukee, Wis.
Newark Leather Machinery Co., 127 N J R R av, Newark, N. J.
Slocomb F. F. & Co. (Staking & Glazing Machines, etc), 14th & Poplar, Wilmington, Del.
Stehling Chas. H. Co., 401 4th, Milwaukee, Wis.
Turner Tanning Machinery Co. ("Turner"), Peabody, Mass.
Woburn Machine Co., Woburn, Mass.

8444—Hinge & Butt Machinery

Baird Machine Co. (Semi-Automatic & Automatic), Bridgeport, Conn.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Erie Forge Co. (Stamp), Erie, Pa.
Ferracute Machine Co., Bridgeton, N. J.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

Hod Hoisting Machines

See Elevators, Hod

8445—Hoe Rolling Machines

Birmingham Iron Foundry, Derby, Conn.

8446—Hog & Beef Casing Cleaning Machines

Allbright-Nell Co., 5323 Western blvd, Chicago, Ill.

Hogshead Trussing Machines

See Barrel Trussing Machines

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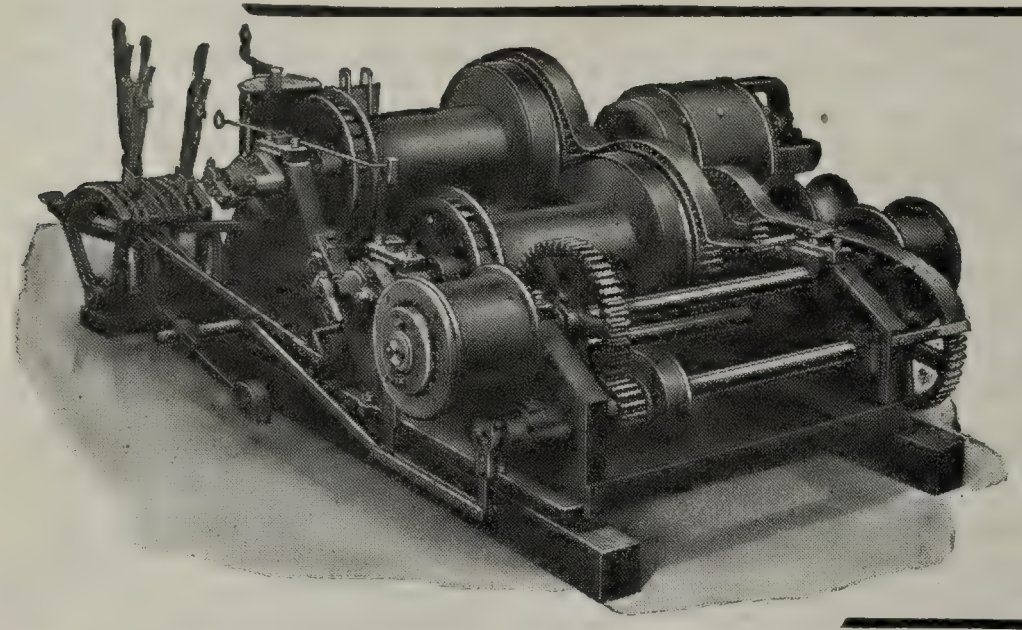

Hoisting Machinery
STEAM OR ELECTRIC
WINDLASSES and CARGO HOISTS
Street Brothers Machine Works
CHATTANOOGA, TENN.

8447— Hoisting Machinery

See also Cranes; also Derricks; also Engines, Hoisting; also Hoists of Various Kinds

Browning Victor R. & Co., 17701 Lake Shore blvd, Cleveland, O., Mansfield, O., & College Point, N. Y.
See adv index at end of book
Clover Leaf Machine Co., So. Bend, Ind.
Horton John T. 157th & 8th av, New York
Hoisting Machinery Co., 50 Church, New York *See adv index at end of book*
LIDGERWOOD MFG. CO., 96 Liberty, New York. *See adv index at end of book*
Mundy J. S. Hoisting Engine Co., 722 Frelinghuysen av, Norwalk, N. J.
See adv index at end of book
Myrick Machine Co., 3 to 10 H. P. Aircooled), Olean, N. Y.

8448-9—*Hoisting Machinery (Pneumatic & Electric)

DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Hollow Building Block Machinery

See Clay Building Block Machinery; also Concrete Building Block Machinery

8450—Hollow Chisel Mortising Machines

Defiance Machine Works, Defiance, O.
Fay J. A. & Egan Co. (Vertical), Cincinnati, O.

8451— Hominy Machinery

Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill

8452—Honey Comb Foundation Machines.

Root A. I. Co., Medina, O.

8453—Hook Bending Machines

AMERICAN CAN CO. (Machinery Dept.), (Single & Double Rail Hook; Former for Lard Pails, Paint Buckets, etc), Monroe bldg, Chicago, Ill.
See adv index at end of book

8454—Hook & Eye Machinery

Baird Machine Co. (Automatic), Bridgeport, Conn.
Manville E. J. Mach. Co., Waterbury, Conn.
Nilson A. H. Machine Co. (Automatic), Bridgeport, Conn.
Special Machinery Co. (Automatic), Bridgeport, Conn.

8455—Hook & Eyelet Setting Machines

Smith F. H. Mfg. Co. ("Universal" Hand & Foot Power), 3047 Carroll av, Chicago, Ill.

Hoop Driving Machines

See Barrel Hoop Driving Machines

8456—Hoop Flaring, Punching & Shearing Machines

Glader Wm. ("Glader's" for Heavy Work), 210 N Ann, Chicago, Ill
Oram John S. Co., Cleveland, O.
Rock River Machine Co., Janesville, Wis.

8457— Hoop Machinery

See also Barrel Machinery

Defiance Machine Works, Defiance, O.
Rochester Barrel Machine Works (Hoop, Cutters, etc.), Rochester, N. Y.
Stevens C. H. (Est. of) (Shavers, etc), Winooski, Vt.

8458—Hoop Nailing Machines

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Holmes E. & B. Machinery Co., Buffalo, N. Y.

8459—Hoop Punching Machines

Glader Wm. ("Glader's" Automatic), 210 N Ann, Chicago, Ill.
Oram John S. Co., Cleveland, O.
Rock River Machine Co., Janesville, Wis.

8460—Hoop Riveting Machines

Glader Wm., 210 N Ann, Chicago, Ill.
Oram John S. Co., Cleveland, O.
Rock River Machine Co., Janesville, Wis.

8461—Hoop Stapling Machines

Holmes E. & B. Machinery Co., Buffalo, N. Y.
St. Joseph Iron Works, St. Joseph, Mich.

8462—Horn Working Machinery

Cook F. H. & Co., Leominster, Mass.

8463—Horse Clipping Machines

See also Clippers, Horse; also Sheep Shearing Machines

American Shearer Mfg. Co. ("Priest's), Nashua, N. H.
Chicago Flexible Shaft Co. ("Stewart" Ball Bearing), 5600 W 12th, Chicago, Ill.
Coates Clipper Mfg. Co. ("Coates" "Yankee," "Bay State," "Khedive," "Spider," "Sport" Flexible Shaft, Electric, etc.), Worcester, Mass.
Gillette Clipping Machine Co., 129 W 31st, New York
Packer & Sons, La Grange, Ill.
Reliable Elec. Co., 411 Sangamon, Chicago, Ill.
Taber Pump Co., Buffalo, N. Y.
Stow Mfg. Co., Binghamton, N. Y.
Sturtevant B. F. Co., 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book

8464-5—Horse Collar Machinery

See also Harness Machinery

Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Randall J. D. Co., 610 W Court, Cincinnati, O.

8466— Horseshoe Machinery

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Remington Machine Co., 411 E Front, Wilmington, Del.

8467—Hose Machines (Rubber Mill)

ADAMSON MACHINE CO., Akron, O.
See adv index at end of book
Birmingham Iron Foundry, ("Birmingham"), Derby, Conn.
Farrel Fdry & Machine Co., Ansonia, Conn.
New England Butt Co., 304 Pearl, Providence, R. I.

8468—Hot Forge Nut Machines

National Machinery Co., Tiffin, O.

8469—Hot Rolled Stock Straightening & Cutting Machinery (Automatic)

Kane & Roach, Syracuse, N. Y.
SHUSTER F. B. CO., Cedar Hills, New Haven, Conn. *See adv index at end of book*

8470—Hot Sawing Machines

See also Cold Saw Cutting-Off Machines

Ajax Mfg. Co., Cleveland, O.
American Saw Works, Hackettstown, N. Y.

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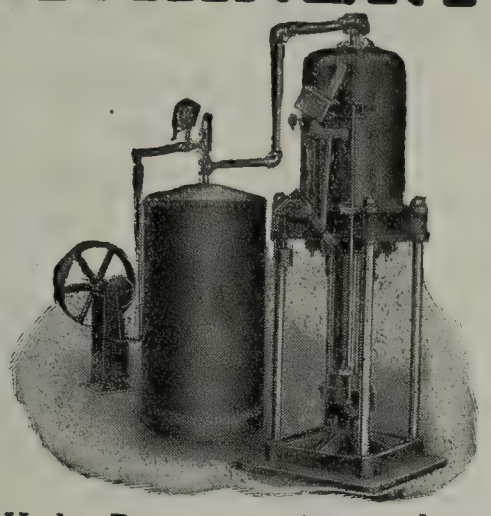

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Billings & Spencer Co. ("B. & S."), Hartford, Conn.
Espen-Lucas Machine Works (High Speed, etc), 21 Girard av, Phila., Pa.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Hunter Saw & Mach. Co. (Saw blades), 57th & Butler, Pittsburgh, Pa.
Mackintosh, Hemphill & Co. (Horizontal, for Rolling Mill, etc.), Pittsburgh, Pa.
MESTA MACHINE CO., Pittsburgh, Pa.
See adv index at end of book
National Roll & Foundry Co., Avonmore, Pa.
Prentiss Henry & Co., Inc. (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York
See adv index at end of book
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
United Engineering & Foundry Co. (Sliding, Swinging & Stationary Saw for rolling Mills), 307 5th av, Pittsburgh, Pa.

8471—Hub Boxing Machines

Bentel & Margedant Co., Hamilton, O.
Silver Mfg. Co. ("Dole" & "Silver"), Salem, O.

8472—Hub Mortising & Boring Machines

Defiance Machine Works (Plain & Hollow Chisel), Defiance, O.

8473—Hub, Spoke & Rim Machinery

Bentel & Margedant Co., Hamilton, O.
Cordesman-Rechtin Co. (Boring), Butler, Cincinnati, O.
Defiance Machine Works, Defiance, O.
Empire Machine W'ks (Spoke Only), Mt. Morris, N. Y.
Fay J. A. & Egan Co., Cincinnati, O.
Kane & Roach (Boring), Syracuse, N. Y.
Ober Mfg. Co. (Spoke), Chagrin Falls, O.
Silver Mfg. Co. (Tenon Machines), Salem, O.
Smith Phillip Mfg. Co., Sidney, O.
Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.

8474—Hulling Machines (Buckwheat)

Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

Hydrating Machines

See Lime Hydrating Machinery

Hydraulic Machinery

See Accumulators, Hydraulic; Cranes, Hydraulic; Dredging Machinery, Hydraulic; Gauges, Hydraulic; Hydraulic Rams; Jacks, Hydraulic; Lifts, Hydraulic; Presses, Hydraulic, Various Kinds; Pumps, Hydraulic; Punches, Hydraulic; Riveting Machines, Hydraulic; Etc.

8475—Ice Chipping Machines

Schmidt B. L. Co., Davenport, Ia.

8476—Ice Cream Biscuit Machines

Union Machine Works & Iron Foundry, 1821 S Water, Phila, Pa.

8477— Ice Cream Machines

See also Freezers, Ice Cream

Allman Gas Engine & Machine Co. ("Champion"; also Ice Cream Machine & Ice Breaker Combined), 461 Canal, New York
Erny Henry, 75 Fulton, New York

8478—Ice Crushing Machines

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

8479—Ice Cube Cutting Machines

Reinhold Mfg. Co. ("Jumbo," "Gem"), Detroit, Mich.
Schwenker W. M., 342 E 92d, New York

8480— Ice Cutting Machines

Jennings C. E. & Co. ("Chandler's"), 71 Murray, New York

Ice Elevating Machinery

See Ice Handling Machinery

8481—Ice Handling Machinery

Atlanta Mfg. & Supply Co., Atlanta, Ga.
Chain Belt Co., Milwaukee, Wis.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Euclid Crane & Hoist Co. (See Handling Cranes), Euclid, Ohio
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Gifford-Wood Co., Hudson, N. Y.
Grote F. Mfg. Co. (Hoists), Evansville, Ind. *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
LINK-BELT CO. (Ice Runs, Ice Chains), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa. *See adv index at end of book*
Northwestern Copper & Brass Works, 99 W 3d, St. Paul, Minn.
Schultz A. L. & Son (For Ice Harvesting), 1675 Elston av, Chicago, Ill.
Webster Mfg. Co., Tiffin, O.

8482—Ice Machines (Family)

Germania Refrigerator & Machinery Co., Belleville, Ill.
Shipley Const. & Supply Co., ft of Warren, Brooklyn, N. Y.

8483—Ice Machines (Portable)

Baker Ice Machine Co., Omaha, Neb.
Brunswick Refrigerating Co., New Brunswick, N. J.
Fisher Machine Works Co., Leavenworth, Kans.
Portsmouth Engine Co., ("Jack Frost"), Small 2 to 10 Tons), Portsmouth, O.
Shipley Const. & Supply Co., ft of Warren, Brooklyn, N. Y.
United Iron Works Co., Kansas City, Mo.
York Mfg. Co., York, Pa.

8484—Ice Recording Machines

Stevenson Cold Storage Door Co., Chester, Pa.

8485—Ice & Refrigerating Machines

American Carbonic Machinery Co., Grand Rapids, Wis.
American Linde Refrigeration Co., 346 B'way, New York
American Machine & Mfg. Co., Greenville, S. C.
Armstrong Machinery Co. ("Spokane," "Alaskan," "Silverian"), Spokane, Wash.
Arctic Ice Machine Co. (Raw & Distilled Water), Canton, O.
Automatic Refrigerating Co. (Automatic), Hartford, Conn.
Baker Ice Machine Co. (2 to 50 Ton, also Making Clear Ice from Rain Water), Omaha, Neb.
Bell & Wildman, 619 Upshur, Portland, Ore.
Boland Machinery Co. ("20th Century"), 552 W Vanburen, Chicago, Ill.
Bouchard Jno. & Sons Co., Nashville, Tenn.
Brecht Co., 1201 Cass av, St. Louis, Mo.
Broas & Sage Co., 17 Alling, Newark, N. J.
Brunswick Refrigerating Co., New Brunswick, N. J.
Buffalo Refrigerating Machine Co., 126 Liberty, New York
Carbondale Machine Co. ("The Hendrick"), Carbondale, Pa.
Clothel Co. (Low Pressure), 61 Broadway, New York.
Columbus Iron Works (Absorption System), Columbus, Ga.
Continental Machine & Foundry Co., 517 Ins. Exc. bldg, Chicago, Ill.
Creamery Package Mfg. Co. ("Creamery Package"), 61 W Kinzie, Chicago, Ill.
De La Vergne Machine Co., ft E 138th, New York
Detroit Heating & Refrigerating Co., Detroit, Mich.
Fisher Machine Works Co. (¼ to 60 Tons), Leavenworth, Kans.
Frick Co., Waynesboro, Pa.
Great Lakes Engineering Works, Detroit, Mich.
Hallam F. W. & Co., 379-380 Harmon, Brooklyn, N. Y.
Harmon Engineering Co., Charlotte, N. C.
Harris Ice Machine Works, 174 E Water, Portland, Ore.
Huetteman & Cramer Co., Mack & Beaufait, Detroit, Mich.
Ice & Cold Machine Co., 3003 N Broadway, St. Louis, Mo.
Iceless Machine Co., 12014 Iowa av, Cleveland, Ohio
Isko, Inc. (Electrical), Detroit, Mich.
Jarvis Engineering Co., 261 Franklin, Boston, Mass.
Jarvis T. P. Machine Works, 275 Connecticut, San Francsico, Cal.
Johns H. W.-Manville Co. ("Audiffren-Singrun" Refrigerating Machines), Madison av & 41st, New York
Kroeschell Bros. Ice Machine Co., 472 W Erie, Chicago, Ill.

ICE & REFRIGERATING MACHINES—continued
McClellan Refrigerating Mach. Co., 570 W Adams, Chicago, Ill.
Macdonald Engineering Co., 53 W Jackson blvd, Chicago, Ill.
Maynard J. F. (For Brewers, Packers, Confectioners & Dairies), 116 Geyer av, St. Louis, Mo.
Murray Iron Works Co., Burlington, Ia.
National Machine Co., 686 National av, Milwaukee, Wis.
Niebling F. W. Co., Norwood, Highland av, Cincinnati, O.
Ott Geo, F., 209 Buttonwood, Phila., Pa.
Peerless Ice Machine Co., 72 W. Adams, Chicago, Ill.
Portsmouth Engine Co. ("Jack Frost," Small 2 to 10 Tons), Portsmouth, O.
Rebsamen & Almeroth, 2324 Elston av, Chicago, Ill.
Refrigeration Engineering Co., Toledo, O.
Remington Machine Co., 411 E Front, Wilmington, Del.
Roelker, H. B. ("Allen" Dense Air Ice Machines), 41 Maiden la, New York
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
Schwenker W. M., 342 E 92d, New York
Shipley Const, & Supply Co., ft of Warren, Brooklyn, N. Y.
Steele & Condict, 74 Pearl, Jersey City, N. J.
Triumph Ice Machine Co. ("20th Century Tangye"), Oakley, Cincinnati, O.
United Iron Works, Oakland, Cal.
United Iron Works Co. (¼ to 50 Tons per Day), Kansas City, Mo.
Van Zandt-Moore Iron Works, Fort Worth, Tex.
Vesterdahl Karl & Co., 90 West, New York
VILTER MFG. CO., 1046 Clinton, Milwaukee, Wis. *See adv index at end of book*
VOGT BROTHERS MFG. CO., Louisville, Ky. *See adv index at end of book*
Vogt Henry Machine Co., Louisville, Ky.
Vulcan Iron Works, 1849 Kearny, San Francisco, Cal.
Wegner Machine Co., Buffalo, N. Y.
Westinghouse Machine Co. ("Westinghouse-Leblanc" For Marine Works), E Pittsburgh, Pa.
Wolf, Sayer & Heller, Fulton & Peoria, Chicago, Ill.
York Mfg. Co., York, Pa.

8486—Incandescent Lamp Making Machinery

Dwyer Machine Co., Lynn, Mass.
York Electric & Machine Co., York, Pa.

8487— Incline Machinery

Stine S. B., Osceola Mills, Pa.

Ink Grinding Machines

See Mills, Ink Grinding

Insulating Machinery

See Wire & Cable Insulating Machinery

8488—Insulator Pin, Bracket & Cross Arm Machinery

Defiance Machine Works, Defiance, O.
Wheland Co., Chattanooga, Tenn.

8489— Ironing Machines

Adams Laundry Machinery Co. (Steam or Gas, "Monarch," "Rex," "Style A"), Troy, N. Y.
Domestic Laundry Equipment Corp. ("Domestic," "Simplex"), 1365 Lexington av, New York
Twiner Tanning Machinery Co. ("Twiner," Horizontal for Leather), Peabody, Mass.

8490—Ironing Machines (Household)

American Ironing Machine Co. ("Simplex"), 166 N Michigan, Chicago, Ill.
American Wringer Co., 99 Chambers, New York
Bergbam & Roberg, 218 N Jefferson, Chicago, Ill.
Chicago Dryer Co., 630 S Wabash av, Chicago, Ill.
Domestic Laundry Equipment Corp. ("Domestic," "Simplex"), 1365 Lexington av, New York
Horton Mfg. Co., Fort Wayne, Ind.
Hurley Machine Co. ("Thor" Electric), 29 S Clinton, Chicago, Ill.
Modern Laundry Equipment Co., 717 Sycamore, Cincinnati, O.
Vanishing Table-Ironing Cabinet Co., Phelan bldg, San Francisco, Cal.

Irrigating Machinery

See Pumps, Irrigating

Jar Ring Machines

See Lathes, Jar Ring

8491— Jarring Machines

See Molding Machines, Foundry

8492— Jewelers' Machinery

American Tool & Machine Co. (Centrifugal Dryers for Small Pieces that have been Coated, Dipped, Japanned, Painted, Plated or Washed), 16 High, Boston, Mass.
Buffalo Machine Mfg. Co., Buffalo, N. Y.
Gesswein F. W. Co., 16 John, New York
Hardinge Bros., 4203 Ravenswood av, Chicago, Ill.
Leiman Bros., 62 John, New York
Moseley Lathe Co., Elgin, Ill.
Ruesch H. J. Machine Co., 407 Mulberry, Newark, N. J.
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
Standard Machinery Co., Providence, R. I.
Wisconsin Elec. Co. (Lathe Motors, Elec. "Dumore"), 1600 Junction av, Racine, Wis. *See adv index at end of book*
Worthington & Raymond (Jobbers), 71 Murray, New York

8493—Jewelers' & Opticians' Machines & Tools

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
Bausch & Lomb Optical Co. (Opticians Only), Rochester, N. Y.
General Optical Co., 506 E 42nd, New York
Langelier Mfg. Co., Arlington, Providence, R. I.
Reisner W. H. Mfg. Co., Hagerstown, Md.
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
Wisconsin Elec. Co. ("Dumore," Elec.), 1600 Junction av, Racine, Wis. *See adv index at end of book*
Worthington & Raymond (Jobbers), 71 Murray, New York

8494—Joggling Machines for Shipyards

HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
MORGAN ENGINEERING CO. (Electric, with Hand Crane), Alliance, O. *See adv index at end of book*

8495—Joggling Machines (Plate)

HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*

8496—Joint Wiping Machines

United Brass Mfg. Co., 3844 Hamilton av, Cleveland, O.

8497— Jointing Machines

Bicknell Mfg. & Supply Co. (With Extended Arbor for Attachments), Janesville, Wis.
Jones Superior Machine Co. (Hand, etc), 1264 W. North av, Chicago, Ill.
Kane & Roach (Wood), Syracuse, N. Y.
Myers Machine Co. (Wood), Sheboygan, Wis.
Porter C. O. Machinery Co., Grand Rapids, Mich.
Silver Mfg. Co. (Power), Salem, O.
Smith & Phillips Mfg. Co. (Edge Jointing & Shaping), 1008 W Madison, Chicago, Ill.
Yates P. B. Machine Co., Beloit, Wis.

8498-9—Jointing Machines (Cutter Head)

Shimer Samuel J. & Sons, Milton, Pa.

8500— Jolt Molding Machines

See Molding Machines

8500a—*Kaolin Dissolving Machines

Werner & Pfleiderer Co., 1232 No. Niagara, Saginaw, Mich.
See adv index at end of book

8501—Keel Plate Bending Machines (Hydraulic)

MORGAN ENGINEERING CO., Alliance, Ohio *See adv index at end of book*

Keg Machinery

See Barrel, Keg, Stave & Heading Machinery

8502—Keg Scrubbing Machines

Danner Adam Co., Yonkers, N. Y.
Eureka Machine Shop Co., Cleveland, O.
Ideal-Peerless Mfg. Co., Cleveland, O.
Kaestner & Hecht Co., 500 Throop, Chicago, Ill.
Olsen & Tilgner Mfg. Co., 2280 Elston av, Chicago, Ill.
Torchiani H., 140 N Dearborn, Chicago, Ill.
Zoller Chas Co., 211 E 94th, New York

Keg Washing Machines

See Barrel Washing Machines

8503— Key Cutting Machines

Corbin Cabinet Lock Co. ("Corbin" Automatic Duplicating), New Britain, Conn.
Gussman Key Cutting Machine Co., 1 Madison av, New York
Harrison & Co. ("Harrison, M. I. P." for Keys), 81 New, New York

8504— Key-Seating Machines

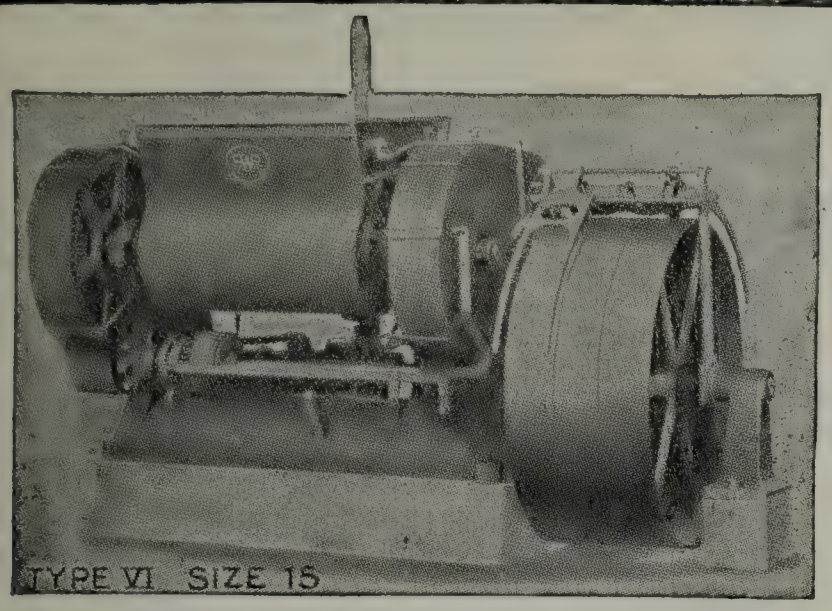
Bucher-Smith Co., E. Liverpool, O.
Burr John T. & Son, 429 Kent av, Brooklyn, N. Y.
Chattanooga Machy. Co., Chattanooga, Tenn.
Davis Mach. Tool Co., Rochester, N. Y.
Mercury Machine Co. ("Lake," Portable), 2127 N Broad, Phila., Pa.
Mitts & Merrill ("Giant"), 1939 S Water, Saginaw, Mich.
Morton Mfg. Co. (Stationary & Portable Key Way Cutters), Muskegon, Mich.
National Machine Tool Co. ("Miller," "National"), Cincinnati, O.
National Tool Co., Cleveland, O.
See adv index at end of book
Niles-Bement-Pond Co., 111 B'way, New York
Pawtucket Mfg. Co. ("Knowles"), Pawtucket, R. I.
Prentiss Henry & Co. (Inc.), (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York
See adv index at end of book
Ryerson Jos. T. & Son (Portable Automatic), 2558 W 16th, Chicago, Ill.
See adv index at end of book
Union Twist Drill Co. ("Woodruff," Keyway Cutters), Athol, Mass.
Wheland Co. ("Catlin"), Chattanooga, Tenn.
Whitney Mfg. Co. ("Whitney" Adopted For Woodruff System), Hartford, Conn.

8505—Kindling Wood Machinery

See also Sawing & Splitting Machinery
American Sawmill Machinery Co., Hackettstown, N. J.
Atkins E. C. & Co., Indianapolis, Ind.
Badger Gas & Gasoline Engine Co., Kansas City, Kans.
Curtis & Co. Mfg. Co. (Cord-Wood Sawing Machines), 1571 Kienlen av, St. Louis, Mo.
Duplex Mfg. Co., Superior, Wis.
Fay J. A. & Egan Co., Cincinnati, O.
Hildreth Bros. (Splitting), Harvard, Mass.
Schramm Chris. D. & Son (Cordwood Sawing Machines), 308 N. 4th, Phila., Pa.

8506—Kneading & Mixing Machines

Day J. H. Co., Cincinnati, O.
Ross Chas. & Son Co. (For Putty, Dough & Rubber, etc), 148 Classon av, Brooklyn, N. Y.



"Universal" Kneading and Mixing Machines

are built in sizes ranging from ¼ to 2650 gallons working capacity.

TRADE MARK THE BEST IS THE CHEAPEST

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General Offices and Works: 1232 No. Niagara St., Saginaw, Michigan

Branch Offices:

New York: Woolworth Bldg. Philadelphia: Drexel Bldg. Cleveland: Hippodrome Bldg. San Francisco: Pacific Bldg.

WERNER & PFLEIDERER CO. ("Universal," for Food, Chemicals, etc), 1232 No. Niagara, Saginaw, Mich.
See adv index at end of book

8507—Knife Balancing Machinery

Bentel & Margedant Co., Hamilton, O.
Fay J. A. & Egan Co., Cincinnati, O.
Yates P. B. Machine Co., Beloit, Wis.

8508-9—Knife Polishing & Buffing Machines

Clizbe Bros. Mfg. Co., Plymouth, Ind.

Knitting Machinery

See Textile Machinery; for page number consult Index of Contents

Kraut Cutting Machines

See Cutters, Kraut

8510—Label Varnishing Machines

Chambers Bros. Co., 52d below Lancaster av, Phila., Pa.

8511— Labeling Machines

Anderson E. D. (Inc.), 101 Park av, New York
BECK CHAS. CO., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Boston Bottle Wiring & Labeling Co. ("Empire," "Eureka," "Enterprise" Bottle, Labeling Machines; also Hand Pasting Devices), 23 Wormwood, Boston, Mass.
Burt Machine Co. (Can, etc), 403 E Oliver, Baltimore, Md.
Continental Mfg. Co. ("Continental"), 4611 Girard, Phila., Pa.
Economic Machinery Co. ("World"), Worcester, Mass.
Ermold Edw. Co. (Bottle), 656 Hudson, New York
Knapp Fred H. Co., Lexington St. bldg, Baltimore, Md.
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.
Leffler Chas. & Co. ("Brooklyn" Bottle, Can & Package Imp), 59 Clymer, Brooklyn, N. Y.
See adv index at end of book
Morral Bros. ("Morral" Can, etc), Morral, Ohio
National Labeling Machine Co., 342 Vernon av, Long Island City, N. Y.
REMINGTON WRAPPING MACHINE CO. (Box & Bottles), 30 Church, New York
Robins A. K. & Co. ("Hammond Can"), 116 Market pl, Baltimore, Md.
Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.
Standard Automatic Machine Co. (For Boxes, Bottles, Cans, Tubes, etc), Rochester, N. Y.
U. S. Bottlers Machinery Co. ("Ermold" Bottle), 1053 W. Lake, Chicago, Ill.
Wissler A. (Any Size & Purpose), B'way & Wash av, St. Louis, Mo.

8512—Laboratory Machinery

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
Colton Arthur Co., Jefferson & Chene, Detroit, Mich.
Day J. H. Co., Cincinnati, O.
Hall A. M. Co., Indianapolis, Ind.
Patterson Foundry & Machine Co., East Liverpool, O.

8513— Lacquering Machines

See also Can Lacquering Machine

Ohl Geo. A. & Co. (For Tin, Metal & Cardboard, etc.), 159 Oration, Newark, N. J.

8514—Lag Screw Threading Machines

Cook Asa S. Co., Hartford, Conn.
Landis Machine Co., Waynesboro, Pa.

8515—Lamp Burner Machinery

Baird Machine Co. (Automatic), Bridgeport, Conn.
Nilson A. H. Machine Co. (Automatic), Bridgeport, Conn.

8516—*Land Clearing Machinery

LAND-CLEARING MACHINERY
Steam Stump Pulling and Piling Machines
Manufactured by
CLYDE IRON WORKS
DULUTH, MINN.

8517— Lapping Machines

See also Textile Machinery

Beach Mfg. Co., Little bldg, Boston, Mass.
Builders' Iron Foundry ("Builders"), 9 Codding, Providence, R. I.
LeBlond R. K. Mach. Tool Co., Cincinnati, Ohio
Mitts & Merrill (For Band Saws), 1939 S Water, Saginaw, Mich.
Pratt & Whitney Co., Hartford, Conn.
R. I. Braiding Machine Co., 228 Aborn, Providence, R. I.

8518—Lard Cooling Machines

Black-Clawson Co., Hamilton, O.

8519—Lard & Butter Pail Machinery (Sheet Metal)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

8520— Last Machinery

Kimball Bros. & Sprague, Brockton, Mass.
ett-tow' N

8521— Lath Mill Machinery

Abbott D. S. Co., Olean, N. Y.
American Saw Mill Machinery Co., Hack-
American Wood Working Machinery Co., Rochester, N. Y.
Bartlett A. F. & Co., Saginaw, Mich.
Butterworth & Lowe (Sheathing, Lath, etc.), Grand Rapids, Mich.
Challoner Co., Oshkosh, Wis.
Chapman's T. M. Sons Co. (Gang Machines), Old Town, Me.
Chase Turbine Mfg Co., Orange, Mass.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Diamond Iron Works, 2nd & 18th av, N, Minneapolis, Minn.
Garland M. Co., Bay City, Mich.
Lane Mfg. Co., Montpelier, Vt.
Mitts & Merrill, 1939 S Water, Saginaw, Mich.
Newman Machine Co., Greensboro, N. C.
Smith Myers & Schnier Co., 621 W Front, Cincinnati, O.
Stearns Co., Erie, Pa.
Union Iron Works, Bangor, Me.
U. S. Machine Co., Williamsport, Pa.
Wheland Co., Chattanooga, Tenn.
Wickes Bros., Saginaw, Mich.
See adv index at end of book

8522— Laundry Machinery

See also Laundry Dryers, Tubs, etc

Adams Laundry Machinery Co. (Washers, etc), Troy, N. Y.
American Ironing Machine Co. ("Simplex" Ironer), 166 N Michigan, Chicago, Ill.
American Laundry Machinery Co. (Mangles, Cylinder Washers, etc.), Cincinnati, O.
American Machinery Co., Atlanta, Ga.
American Mangle & Roller Co., Racine, Wis.
American Wringer Co. (Laundry, Power & Hand Wringers, Mangles, Washing Machines, etc), 99 Chambers, New York
Asher Mfg. Co., Willimantic, Conn.
Atlas Laundry Machinery Co. ("C. & C." Ironers, "Hercules" Mangles, etc.), 6th & Baymiller, Cincinnati, O.
Bishop Geo. H. ("C. & C." Starchers & Specialties), 550 W Washington, Chicago, Ill.
Boland Machine & Mfg. Co., 1006 Tchoupitoulas, New Orleans, La.
Bourret-Kirkwood Co., 1128 Mission, San Francisco, Cal.
Chicago Laundry Machinery Co. ("Floran" Seam Dampeners, Fold Collar Shaper & Edger, "C. & C." Edgers), 213 W Grand av, Chicago, Ill.
Cleveland Laundry Machy Mfg. Co., 5184 Fowler av, S E, Cleveland, O.
Columbia Mfg. Co. ("Hurry" Dryers, "F" & "C. & C." Ironers, etc.), Columbia, Pa.
Consolidated Hospital Supply & Laundry Machine Co., Saugatuck, Conn.
Detroit Laundry Machine Co., Detroit, Mich.
Domestic Laundry Equipment Corp., 1365 Lexington av, New York
Electro Chemical Co., Dayton, O.

LAUNDRY MACHINERY—continued

Empire Laundry Machinery Co., 352 Western av, Boston, Mass.
Fritz Geo. J. Fdry & Mach. Co., 2018 S 3rd, St. Louis, Mo.
Harvey W. W. & Son, Constantine, Mich.
Heim Machine Co., Danbury, Conn.
Interstate Machinery Co., Troy, N. Y.
Lovewell-Henrici Co. ("Henrici" Extractors, Dampening Presses, etc.), Chelsea, Mass.
Lutes-Sinclair Co., Benton Harbor, Mich.
Mateer F. W. & Co. (Extractors, C. & C. Ironers, Cylinder Washers, etc), 222 W Ontario, Chicago, Ill.
National Chemical Co. (Starch Comminutors), Syracuse, N. Y.
Oakley & Keating, 673 Manhattan av, Brooklyn, N. Y.
Paragon Mfg. Co., 2427 W 14th, Chicago, Ill.
Phillips Wm. & Co., Northville, Mich.
Poland Laundry Machinery Co., 47 Kemble, Boston, Mass.
Reed Mfg. Co. (Collar Shapers), Erie, Pa.
Stebbins Mfg. Co., Denver, Colo.
Tolnurst Machine Works, Troy, N. Y.
Triumph Laundry Machinery Co., Hamilton, O.
Triumph Mfg. Co., 500 Delaware, Kansas City, Mo.
Troy Laundry Machinery Co. (Ltd.), 23d & La Salle, Chicago, Ill.
Watts Laundry Machine Co., Willimantic, Conn.
Western Laundry Machinery Co., 416 Mission, San Francisco, Cal.
Willey Co., 1222 Race, Phila., Pa.
Zeidler Wm. A. Co., 401 E 163d, New York

8523—Laundry Marking Machines

American Machinery Co. ("Monarch"), Atlanta, Ga.
Hume Mfg. Co., Kansas City, Kans.
Lang J. A. & Sons, 280 Dover, Boston, Mass.
National Marking Machine Co., 1054 Gilbert, Cincinnati, O.

8524—Leach Casting Machines

Stehling Chas. H. Co., 401 4th, Milwaukee, Wis.

8525—Lead Pipe & Trap Machinery

Farrel Foundry & Machine Co. (Lead Pipe), Ansonia, Conn.
Robertson Jno. & Co. (Also for Sheet Lead, etc.), 133 Water, Brooklyn, N. Y.

8526—Leather Blacking Machines

Turner Taning Machy. Co. ("Turner"), (For Coloring, Staining, Gumming, Pasting, etc.), Peabody, Mass.

8527—Leather Bleaching Machines

Turner Tanning Mach'y Co. ("Turner"), Peabody, Mass.

8528—Leather Board Machines

Noble & Wood Mach. Co., Hoosick Falls, N. Y.

8529—Leather Brushing Machines

Baker G. W. Machine Co., 218 French, Wilmington, Del.
Turner Tanning Mach'y Co. ("Turner"), Peabody, Mass.

8530—Leather Buffing Machines

Associated Tanners' Machinery Co., 424 Essex, Salem, Mass.
Naumkeag Buffing Machine Co., Beverly, Mass.
Turner Tanning Mach'y Co. ("Turner"), Peabody, Mass.

8531—Leather Creasing Machines

Osborne C. S. & Co., Harrison, N. J.
Randall J. D. Co., 610 W Court, Cincinnati, O.

8532—Leather Cutting Machines

Ohl Geo. A. & Co., 159 Oraton, Newark, N. J.

8533—Leather Drying Machines

Devine J. P. Co., Buffalo, N. Y.
Slocomb F. F. & Co., 14th & Poplar, Wilmington, Del.

8534—Leather Embossing Machines

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Hydraulic Press Mfg. Co., Mt. Gilead, Ohio
Logeman Bros. Co. (Hydraulic), 130 Burleigh, Milwaukee, Wis.
Osborne C. S. & Co. (Harness Makers, etc.), Harrison, N. J.
Randall J. D. Co., 610 W Court, Cincinnati, O.
United Shoe Machinery Co. ("U. S. M. C."), Boston, Mass.

8535—Leather Finishing Machines

Martin Wm. F., Salem, Mass.

8536—Leather Fleshing & Slating Machines

Associated Tanners' Machinery Co., 424 Essex, Salem, Mass.
Baker G. W. Machine Co. ("Wilmington" Roller), 218 French, Wilmington, Del.
Hutchinson Leather Machine Co., Winchester, Mass.
Turner Tanning Mach'y Co. ("Turner"), Peabody, Mass.
Whitney Machine Co., Winchester, Mass.

8537—Leather Glazing Machines

Associated Tanners' Machinery Co., 424 Essex, Salem, Mass.
Baker G. W. Machine Co., 218 French, Wilmington, Del.
Slocomb F. F. & Co., 14th & Poplar, Wilmington, Del.
Turner Tanning Mach'y Co. ("Turner"), Peabody, Mass.

8538—Leather Measuring Machines

Associated Tanners' Machinery Co., 424 Essex, Salem, Mass.
Baker G. W. Machine Co. ("Sawyer's"), 218 French, Wilmington, Del.
Nightingale J. E., Danvers, Mass.
Ross-Mayer Mfg. Co., 1423 Olive, St. Louis, Mo.
Tufting Machine Supply Co., Detroit, Mich.
Turner Tanning Mach'y Co. ("Turner," "Korrect," Improved "Sawyer"), Peabody, Mass.
Union Leather Measuring Machine Co., Doversport, Mass.

8539—Leather Punching Machines

Ohl Geo. A. & Co., 159 Oraton, Newark, N. J.
Randall J. D. Co., 610 W Court, Cincinnati, O.

8540—Leather Putting-Out Machines

Associated Tanners' Machinery Co., 424 Essex, Salem, Mass.
Hutchinson Leather Machine Co., Winchester, Mass.
Turner Tanning Mach'y Co. ("Turner"), Peabody, Mass.
Whitney Machine Co., Winchester, Mass.
Woburn Machine Co., Woburn, Mass.

8541—Leather Rolling & Stoning Machines

Associated Tanners' Machinery Co., 424 Essex, Salem, Mass.
Baker G. W. Machine Co., 218 French, Wilmington, Del.
Quarmby & Hilliker, Lyon, Mass.
Turner Tanning Mach'y Co. ("Turner"), Peabody, Mass.

8542—Leather Scrubbing Machines

Turner Tanning Mach'y Co. ("Turner"), Peabody, Mass.

8543—Leather Seasoning Machines

Associated Tanners' Machinery Co., 424 Essex, Salem, Mass.
Slocomb F. F. & Co., 14th & Poplar, Wilmington, Del.

8544—Leather Setting & Stoning-Out Machines

Associated Tanners' Machinery Co., 424 Essex, Salem, Mass.
Baker G. W. Machine Co., 218 French, Wilmington, Del.
Turner Tanning Mach'y Co. ("Turner"), Peabody, Mass.

8545—Leather Shaving Machines

Associated Tanners' Machinery Co., 424 Essex, Salem, Mass.
Baker G. W. Machine Co., 218 French, Wilmington, Del.
Boyle John & Co., Peabody, Mass.
Turner Tanning Mach'y Co. ("Turner"), Peabody, Mass.

8546—Leather Skiving Machines

Fortuna Machine Co., 127 Duane, New York

8547—Leather Slitting & Finishing Machines

Randall J. D. Co. (Power, Round Edge), 610 W Court, Cincinnati, O.

8548—Leather Splitting Machines

American Tool & Machine Co. (Belt Knife), 10 High, Boston, Mass.
Baker G. W. Machine Co. ("Western Union" & Belt Knife), 218 French, Wilmington, Del.
Stehling Chas. H. Co., 401 4th, Milwaukee, Wis.
Turner Tanning Machy. Co., Peabody, Mass.

8549—Leather Staking Machines

Associated Tanners' Machinery Co., 424 Essex, Salem, Mass.
Baker G. W. Machine Co. ("Baker" & "Wilmington" Boiler), 218 French, Wilmington, Del.
Layman A. C. Machine Co., 11th & Lombard, Wilmington, Del.
Slocomb F. F. & Co., 14th & Poplar, Wilmington, Del.
Stehling Chas. H. Co., 401 4th, Milwaukee, Wis.
Turner Tanning Mach'y Co. ("Turner"), Peabody, Mass.

8550—Leather Stamping Machines

Baker G. W. Machine Co., 218 French, Wilmington, Del.
Slocomb F. F. & Co., 14th & Poplar, Wilmington, Del.
Turner Tanning Mach'y Co. ("Turner"), Peabody, Mass.

8551—Leather Unhairing Machines

Associated Tanners' Machinery Co., 424 Essex, Salem, Mass.
Hutchinson Leather Machine Co., Winchester, Mass.
Munkwitz Edw. H. Co. ("Leidgen"), 159 Muskego av, Milwaukee, Wis.
Stehling Chas. H. Co., 401 4th, Milwaukee, Wis.
Whitney Machine Co., Winchester, Mass.

8552—Leather Whitening Machines

Associated Tanners' Machinery Co., 424 Essex, Salem, Mass.
Baker Geo. W. Machine Co., 218 French, Wilmington, Del.
Turner Tanning Machinery Co. ("Turner"), Peabody, Mass.

Leather Working Machinery

See Hide & Leather Working Machinery

Letter Folding Machines

See Circular Folding Machines

8553-4— Leveling Machines For Sheets

Poole J. Morton Co., ft Thorn, Wilmington, Del.
United Engng. & Fdry. Co., 307 5th av, Pittsburgh, Pa.

8555—Lime Hydrating Machinery

American Hydrating Co. ("Hydrator"), Md. Trust bldg, Baltimore, Md.
Atlas Car & Mfg. Co., Cleveland, O.
ATLAS ENGINEERING CO., Amherst, O.
See adv index at end of book
Gerdes & Co., 42 Church, New York
See adv index at end of book
Jackson & Church Co., Saginaw, Mich.
Kritzer Co. ("Kritzer" Continuous), 72 W Adams, Chicago, Ill.
Miscampbell H. ("Clyde"), Duluth, Minn.

8556—Lime Slacking & Mixing Machines

Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
Deming Apparatus Co. (Lime Slacking Tanks & Pumps), 30 Church, New York
Teal Chas. A., 1361 Ridge av, Phila., Pa.

8557—Lining - Beveling Machines (Photo-Engravers')

Royle John & Sons (Inc.), Paterson, N. J.

8558—Linoleum & Floor Cloth Machinery

Dienelt & Eisenhardt (Printing), 1308 N Howard, Phila., Pa.
Farrel Foundry & Mach. Co., Ansonia, Conn.
Moore & White Co. (Printing), N 15th & Lehigh av, Phila., Pa.
Werner & Pfleiderer Co., 1232 N Niagara, Saginaw, Mich.

8559—Linseed Oil Machinery

See also Cotton Seed Oil Machinery

Buckeye Iron & Brass Works, Dayton, O.
Callahan W. P. Co., Dayton, O.
Cardwell Machine Co., 1900 E Cary, Richmond, Va.
ELMES CHAS. F. ENGINEERING WORKS (INC.), cor Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
French Oil Mill Machinery Co., Piqua, O.

8560—Liquid Filling Machines

Fowler Bottling Machine Co. (Also Measuring), 124 White, New York

8561—Lock Corner Box Machinery

Bentel & Margedant Co. (Single & Double End), Hamilton, O.
Chase Turbine Mfg. Co. (Automatic Box Presses), Orange, Mass.
Connell & Dengler Machine Co. (Box Trimmers, Box Pressing, etc), Rochester, N. Y.
Fay J. A. & Egan Co., Cincinnati, O.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Luster-Jordan Co., Inc., Finance bldg, Phila., Pa.
Luster-Jordan Co., Norristown, Pa.
Morgan Machine Co., Rochester, N. Y.
Pollard C. A. Co., Newfields, N. H.

8562—Lock Mortising Machines

Corbin Cabinet Lock Co. (Mortising for Locks & Keyhole Boring), New Britain, Conn.
Leukart J. Co. ("Champion"), 44 E Columbus, Columbus, O.
Perfection Mortise Machine Co., Columbus, O.
Pittsburgh Instrument & Machine Co. ("Pittsburgh"), 236 3d av, Pittsburgh, Pa.
Valley City Machine Works (Oscillating), Grand Rapids, Mich.

8562a—Lock Washer Machy.

SLEEPER & HARTLEY, INC. (Automatic), 68 Prescott, Worcester, Mass.
See adv index at end of book

Log Hauling Machines

See Log Hauls

8563—*Log Skidding & Loading Machines

CLYDE IRON WORKS ("Clyde," "McGiffert," "Universal," "Rapid," Self-Propelling, etc), Duluth, Minn.
See adv index at end of book
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

8564— *Logging Machinery

CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book

LOGGING MACHINERY
Cableway and Ground Skidding and Loading
Manufactured by
CLYDE IRON WORKS
DULUTH, MINN.

LIDGERWOOD MFG. CO. (Steam), 96 Liberty, New York
See adv index at end of book

8565— Macaroni Machinery

See also Vermicelli Machy.

Cavagnaro Jno. J., Harrison, N. J.
Cevasco Cavagnaro & Ambrette, Inc., 156 6th, Brooklyn, N. Y.
Fisher & Davis Mfg. Co., 934 N First, St. Louis, Mo.
Walton P. M. Mfg. Co., Philadelphia, Pa.
WERNER & PLEEIDERER CO., 1232 N Niagara, Saginaw, Mich.
See adv index at end of book

Mail Opening Machines

See Letter Opening Machines

8566— Maize Machinery

Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor," Cleaners, Graders, Scourers, Polishers, etc), Silver Creek, N. Y.

8567—Malt Cleaning & Polishing Machines

Barnard & Leas Mfg. Co., Moline, Ill.
Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor" Cleaners, Polishers, Graders, etc), Silver Creek, N. Y.

8568— Malt Machinery

Hersey Mfg. Co. (Pneumatic), 314 W 2nd, Boston, Mass.

8569— Mantle Machines

Advance Machine Co. (Shaping, Hardening & Dipping Machines, Cotton Burners, etc), 4645 Ravenswood av, Chicago, Ill.
Mantle Machinery & Patents Co. (For Sewing Incandescent Mantle), 150 Lafayette, New York
Stafford & Holt (Knitting), Little Falls, N. Y.

8570—Mantle Ring Machinery

Patterson Foundry & Machine Co., E Liverpool, O.

8571—Marble Coping Machines

Meyers Willard F. Machine Co., 614 Hamilton, Astoria, N. Y.

8572—Marble Hole Cutting Machines

Holub-Dusha Co. (Oval Hole Cutting), 1799 1st av, New York

8573—Marble Molding & Countersinking Machines

Meyers Willard F. Machine Co., 614 Hamilton, Astoria, N. Y.
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.

Marble Polishing Machines

See Stone Polishing Machines

Marble Working Machinery

See Stone Working Machinery, etc.

When writing to firms whose names appear in this book please mention
HENDRICKS' COMMERCIAL REGISTER.

TRADE MARK W P THE BEST IS THE CHEAPEST

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SAGINAW, MICHIGAN

Branch Offices:

New York: Woolworth Bldg. Philadelphia: Drexel Bldg. Cleveland: Hippodrome Bldg. San Francisco: Pacific Bldg.

8574— Marking Machines

COST REDUCED QUALITY IMPROVED
BY USING OUR
DWIGHT SLATE MARKING MACHINES
SEND FOR CATALOGUE
Noble & Westerbrook Mfg. Co.
HARTFORD, CONN.

American Perforator Co. (Labels), 621 W Jackson blvd, Chicago, Ill.
See adv index at end of book
Hjorth Lathe & Tool Co. ("Hjorth," for Metal), 27 School, Boston, Mass.
Lang J. A. & Sons (For Tags, Leather, Textile Fabrics & Laundry Use), 280 Dover, Boston, Mass.
Martin Machine Co. ("Martin"), 21 Davis, Greenfield, Mass.
Noble & Westerbrook Mfg. Co. ("Dwight Slate," for Metal), Hartford, Conn.
See adv index at end of book

8575— Mashing Machines

Kaestner & Hecht Co. (Hydraulic), 500 Throop, Chicago, Ill.
Olsen & Tilgner Mfg. Co. (Hydraulic), 2280 Elston av, Chicago, Ill.
Schock Gustav & Son, 514 W 57th, New York
Selg Brewery Apparatus Co., 1320 N 5th, Phila., Pa.
VILTER MFG. CO., 1046 Clinton, Milwaukee, Wis. *See adv index at end of book*

8576— Match Box Machinery

Birch & Birch (All Sizes), Crawfordsville, Ind.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book

8577— Match Machinery

Diamond Match Co., 111 B'way, New York

8578—Matching Machines (Wood)

See also Planing & Matching Machines

American Woodworking Machinery Co., Rochester, N. Y.
Bentel & Margedant Co., Hamilton, O.
Chase Turbine Mfg. Co., Orange, Mass.
Crescent Machine Co., Leetonia, O.
Fay J. A. & Egan Co., Cincinnati, O.
Lane Mfg. Co., Montpelier, Vt.
Mereen-Johnson Machine Co. (Bottle Boxes), 4400 Lyndale av, Minneapolis, Minn.
Smith H. B. Machine Co., Smithville, N. J.
Stetson-Ross Machine Works, Seattle, Wash.
Woods S. A. Machine Co. ("The Planers of Woods"), Boston, Mass.
Yates P. B. Machine Co., Beloit, Wis.

8579—Matting Weaving Machines

Crompton & Knowles Loom Works (For Japanese Matting), Worcester, Mass.

Mattress Machinery

See Woven Wire Mattress Machinery

8580—*Meat Can Machinery (Sheet Metal)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

8581—Meat Can Stuffing Machines

AMERICAN CAN CO. (Machinery Dept.), (Rotary), Monroe bldg, Chicago, Ill.
See adv index at end of book
Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

Metal Beading Machines

See Crimping & Beading Machines

8582—Metal Culvert Machinery

NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book

8583—Metal Cutting-Off Machines

See also Cold Saw Cutting-Off Machines; also Hot Sawing Machines

Bardons & Oliver, Cleveland, O.
Braun J. G., 609 S Paulina, Chicago, Ill.
Brightman Mfg. Co., Columbus, O.
Brown & Sharpe Mfg. Co., Providence, R. I.
Cochrane-Bly Co., Rochester, N. Y.
Davis Machine Tool Co., Rochester, N. Y.
Disston Henry & Sons, Tacony, Philadelphia, Pa.
Etna Machine Co., Toledo, O.
Gorton Geo. Machine Works, Racine, Wis.
Greenfield Tap & Die Corpn. ("Nutter & Barnes"), Greenfield, Mass.
See adv index at end of book
Higley Machine Co., Croton Falls, N. Y.
Hurlbut-Rogers Machinery Co., South Sudbury, Mass.
Matson Machine Co. ("Matson Safety"), Concord, N. H.
Modern Machine Tool Co., Jackson, Mich.
Niles-Bement-Pond Co., 111 B'way, New York
Peter Bros. Mfg. Co. (Abrasive), Algonquin, Ill.
RACINE TOOL & MACHINE CO. ("Racine" High Speed Power), Racine, Wis.
See adv index at end of book
Roberson W. Machine & Foundry Co. ("Economy"), 56 Rano, Buffalo, N. Y.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Sellew Machine Tool Co., Pawtucket, R. I.
Slack Mfg. Co. (With Abrasive Wheel), Springfield, Vt.
Southwark Foundry & Machine Co., 430 Washington av, Phila., Pa.

8584—Metal Drying Machines

See also Dryers, Centrifugal Metal Parts

No-Dust Drying Machine Co. ("No-Dust"), 157 Dorrance, Providence, R. I.

8585—Metal Edge Box Machines

National Metal Edge Box Co. (Automatic), 8th & Willow, Phila., Pa.

8586—Metal Edging Machines

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book

8587—Metal Furniture Machinery (Sheet Metal)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

8588—Metal Jig Sawing Machines

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Thompson H. G. & Son Co. ("Eureka"), New Haven, Conn.
Wright Chas. E. Co., Kenilworth, N. J.

8589—Metal Power Sawing Machines

Braun J. G., 609 S Paulina, Chicago, Ill.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Thompson H. G. & Son Co. ("Milford," "Eureka" Hack Saw Pattern), New Haven, Conn.

Metal Sawing Machines

See Cold-Saw Cutting-off Machines; also Hot Sawing Machines

8590—Metal Tank Machinery

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book

8591—Milk Bottle Sealing Machines

Crown Cork & Seal Co., 1511 Guilford av, Baltimore, Md.

8592—Milk Can Washing Machines

Dairymen's Mfg. Co., Bay, Jersey City, N. J.
Jones Frank L., Utica, N. Y.
Oakes & Burger Co. ("20th Century"), Cattaraugus, N. Y.

8593—Milk Condensing Machines

Devine J. P. Co., Buffalo, N. Y.
Huetteman & Cramer Co., Mack & Beaufait, Detroit, Mich.
Rogers Milk Condensing Machy. Co., Chape pl, Detroit, Mich.

Milk Pasteurizing Machinery

See Pasteurizers, Milk, Etc.

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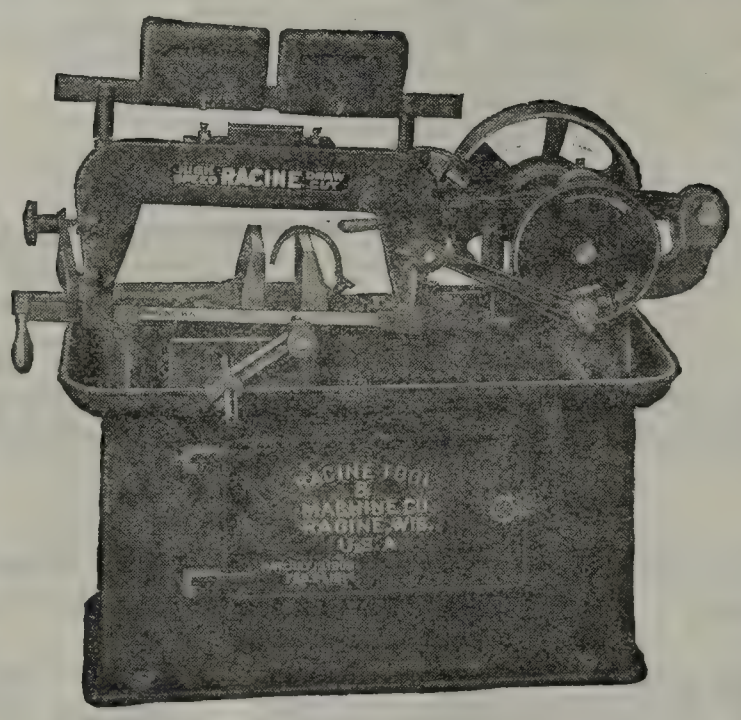

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RACINE TOOL & MACHINE CO.
RACINE, WIS., U. S. A.

8594—Milling, Drilling & Tapping Machines (Radiator Loop)

Niles-Bement-Pond Co., 111 B'way, New York

8595— Milling Machines

See also Sub-Classifications

Adams Co. ("Farwell" Hand), Dubuque, Iowa
Beaman & Smith Co. (Horizontal, with One or More Spindles), Providence, R. I.
BECKER MILLING MACHINE CO. ("Becker" Horizontal Lincoln), Hyde Park, Mass.
Bilton Machine Tool Co. (The), ("Bilton"), (Plain & Horizontal, Bridgeport, Conn.
Brown & Sharpe (Universal, Plain, Hand & Vertical Spindle), Providence, R. I.
Buckeye Tool & Machine Co., New Philadelphia, O.
Burr Jno. T. & Son (Slab Miller), 429 Kent av, Brooklyn, N. Y.
Carter & Hakes Machine Co. (Hand or Power Feed), Winsted, Conn.
Cleveland Machine Screw Co. (Worm, etc.), Cleveland, O.
Cleveland Machine Tool Works, Cleveland, O.
Cleveland Milling Machine Co., 18511 Euclid av, Cleveland, O.
Cook Asa S. Co. ("Colt" & "Cook"), Hartford, Conn.
Foster, Walter H. Co., 50 Church, New York
Garvin Machine Co. (Universal, Plain, Vertical, Hand, Duplex, Double Face & Traverse Head), 147 Varick, New York
Gooley & Edlund ("Briggs-Miller"), Cortland, N. Y.
Greenfield Tap & Die Corpn. ("Bickford" Top Threading), Greenfield, Mass. *See adv index at end of book*
Harrington Mach. Co. (Undermiller), Erie, Pa.
Hendey Machine Co. ("Hendey" Horizontal, Plain & Universal, etc, Belt Cone & All-Gear Driven, Belt & Motor Driven), Torrington, Conn.
Ingersoll Milling Machine Co. (Heavy, Horizontal & Vertical Spindle), Rockford, Ill.
Kearney & Trecker Co. ("Milwaukee"), West Allis, Milwaukee, Wis.
Kempsmith Mfg. Co. (Plain, Universal & Lincoln Patterns), West Allis, Wis.
Knight W. B. Machinery Co. (Duplex"), 2019 Lucas av, St. Louis, Mo.
Le Blond R. K. Machine Tool Co. (Plain & Universal), Cincinnati, O.
Milled Screw & Machine Co. (Universal Automatic Thread Millers), Sayre, Pa.
Mitts & Merrill (Keyseat), 1939 S Water, Saginaw, Mich.
National Machine Tool Co., ("National" Key-Seating & Oil Grooving), Cincinnati, O.
Pedrick Tool & Mach. Co. (Portable), 3642 N Lawrence, Philadelphia, Pa.
Potter & Johnston Machine Co. (Automatic), Pawtucket, R. I.
Prentiss Henry & Co., Inc. (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York *See adv index at end of book*
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
SIMMONS MACHINE CO., INC., 987 B'way, Albany, N. Y.
See adv index at end of book
Steptoe John Co. (Hand & Power Feed), 2951 Colerain av, Cincinnati, O.
Strong, Carlisle & Hammond Co., 336 Frankfort av, N W, Cleveland, O.
Thurston Mfg. Co. (Die), 140 Benedict, Providence, R. I.
Tindel-Morris Co. (Double Head Crank, etc), Eddystone, Pa.
Underwood H. B. & Co. (Portable), 1025 Hamilton, Phila., Pa.
Valley City Machine Works (Plain), Grand Rapids, Mich.
Van Norman Machine Tool Co. ("Van Norman" Duplex, Universal & Bench, also Hand), Springfield, Mass.
Warner & Swasey Co. (Valve), Cleveland, O.

8596—Milling Machines (Automatic Index)

Garvin Machine Co., 147 Varick, New York
Prentiss Henry & Co., Inc. (Formerly Prentiss Tool & Supply Co), 149 B'way, New York
See adv index at end of book

8597—Milling Machines (Bench)

Ames B. C. Co. ("Ames"), Waltham, Mass.
Bickett Machine & Mfg. Co., Cincinnati, O.
Burke Machine Tool Co., Conneaut, O.
Carter & Hakes Machine Co., Winsted, Conn.
Hardinge Bros., 4203 Ravenswood av, Chicago, Ill.
Hartford Machine Screw Co., Hartford, Conn.
Miller & Crowningshield, Greenfield, Mass.
Pratt & Whitney Co., Hartford, Conn.
Prentiss Henry & Co., Inc. (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York
See adv index at end of book
Rockford Milling Machine Co., Rockford, Ill.
SIMMONS MACHINE CO., INC., 987 B'way, Albany, N. Y.
See adv index at end of book
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
STARK TOOL CO. ("Stark"), Waltham, Mass. *See adv index at end of book*
Up-To-Date Tool Co., 60 K, So. Boston, Mass. *See adv index at end of book*
Van Norman Machine Tool Co. ("Van Norman"), Springfield, Mass.

8598—Milling Machines (Cam or Form)

Garvin Machine Co., 147 Varick, New York
Rowbottom Machine Co. ("Rowbottom"), Waterville, Conn.

8599—Milling Machines (Combined Horizontal & Vertical)

Lucas Machine Tool Co., 524 E 99th, Cleveland, O.

8599a—*Milling Machines (Continuous—Single & Double Spindle)

BECKER MILLING MACHINE CO. ("Becker"), Hyde Park, Mass.

8600—Milling Machines (Crank Case)

Beaman & Smith Co., Providence, R. I.
Ingersoll Milling Machine Co., Rockford, Ill.

8601—Milling Machines (Die)

Harrington Machine Co., Erie, Pa.
Thurston Mfg. Co., 140 Benedict, Providence, R. I.

8602—Milling Machines (Double Head)

Beaman & Smith Co., Providence, R. I.
Espen-Lucas Machine Works, 21 Girard, av, Phila., Pa.
Garvin Machine Co., 147 Varick, New York
Ingersoll Milling Machine Co., Rockford, Ill.
Newton Machine Tool Works, 23d & Vine, Phila., Pa.
Pratt & Whitney Co., Hartford, Conn.

Milling Machines (End)

See Planing Machines, Rotary

8603—Milling Machines (Hand)

Brown & Sharpe Mfg. Co., Providence, R. I.
Carter & Hakes Machine Co., Winsted, Conn.
Fox Machine Co., Jackson, Mich.
Garrigus C. G. Machine Co., Bristol, Conn.
Garvin Machine Co., 147 Varick, New York
Greenfield Tap & Die Corp. ("Bickford," with Vertical Attachment & Power Feed), Greenfield, Mass.
See adv index at end of book
Pratt & Whitney Co., Hartford, Conn.
Prentiss Henry & Co. Inc. (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York
See adv index at end of book
Rockford Milling Machine Co., Rockford, Ill.
Standard Engineering Works ("Standard"), Pawtucket, R. I.
SIMMONS MACHINE CO. INC., 987 B'way, Albany, N. Y. *See adv index at end of book*
Steptoe John Co., 2951 Colerain av, Cincinnati, O.
Van Norman Machine Tool Co., Springfield, Mass.
Whitney Mfg. Co., Hartford, Conn.

8604—Milling Machines (Lincoln)

BECKER MILLING MACHINE CO. ("Becker"), Hyde Park, Mass.
Carter & Hakes Machine Co., Winsted, Conn.
Cook Asa S. Co. ("Colt" Pattern), 80 Huyshope av, Hartford, Conn.
Garvin Machine Co., 147 Varick, New York
Kempsmith Mfg. Co., West Allis, Wis.
Pratt & Whitney Co., Hartford, Conn.
Prentiss Henry & Co. Inc. (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York
See adv index at end of book
SIMMONS MACHINE CO., INC., 987 B'way, Albany, N. Y. *See adv index at end of book*

8605—Milling Machines (Manufacturing)

Gooley & Edlund ("Briggs Mills") (High Duty), Cortland, New York
Kearney & Trecker ("Milwaukee" for Heavy Duty), West Allis, Milwaukee, Wis.
SIMMONS MACHINE CO., INC., 987 B'way, Albany, N. Y.
Van Norman Machine Tool Co. ("Van Norman," Hand), Springfield, Mass.

8606—Milling Machines (Nut)

National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.
Newton Machine Tool Works, 23d & Vine, Phila., Pa.

8607—Milling Machines (Plain)

Beaman & Smith Co., Providence, R. I.
BECKER MILLING MACHINE CO. ("Becker"), Hyde Park, Mass.
See adv index at end of book
Brown & Sharpe Mfg. Co., Providence, R. I.
Cincinnati Milling Machine Co., Cincinnati, O.
Cleveland Milling Machine Co., 18511 Euclid av, Cleveland, O.
Fox Machine Co., Jackson, Mich.
Garvin Machine Co., 147 Varick, New York
Kearney & Trecker, Milwaukee, Wis.
Kempsmith Mfg. Co., West Allis, Wis.
Le Blond R. K. Machine Tool Co., Cincinnati, O.
Oesterlein Machine Co., Cincinnati, O.
Potter & Johnston Machine Co., Pawtucket, R. I.
Prentiss Henry & Co. Inc. (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York
See adv index at end of book
Rockford Milling Machine Co., Rockford, Ill.
SIMMONS MACHINE CO., INC., 987 B'way, Albany, N. Y. *See adv index at end of book*
Up-To-Date Tool Co., 60 K, So. Boston, Mass. *See adv index at end of book*

8608—Milling Machines (Planer Type)

Beaman & Smith Co. (Vertical & Horizontal Spindles), Providence, R. I.
Burr John T. & Son (Horizontal & Vertical Spindles), 429 Kent av, Brooklyn, N. Y.
Espen-Lucas Machine Works (Slab Type), 21 Girard av, Phila., Pa.
Ingersoll Milling Machine Co. (Vertical & Horizontal Spindles), Rockford, Ill.
Newton Machine Tool Works (Vertical & Horizontal Spindles), 23d & Vine, Phila., Pa.

MILLING MACHINES (PLANER TYPE) —continued

Niles-Bement-Pond Co. (Vertical & Horizontal Spindles), 111 Broadway, New York
SIMMONS MACHINE CO., INC., 987 B'way, Albany, N. Y.

8609—Milling Machines (Thread)

Gisholt Machine Co., Madison, Wis.
Greenfield Tap & Die Corp. ("Bickford"), Greenfield, Mass.
See adv index at end of book
Lees-Bradner Co. ("Lees Bradner"), Cleveland, O.
Pratt & Whitney Co., Hartford, Conn.
SIMMONS MACHINE CO., INC., 987 B'way, Albany, N. Y. *See adv index at end of book*
Smalley-General Co., Bay City, Mich.
T. C. M. Mfg. Co. (Semi-Automatic), Harrison, N. J.
Taft-Pierce Mfg. Co., Woonsocket, R. I.
WALTHAM MACHINE WORKS, Waltham, Mass.

8610—Milling Machines (Universal)

BECKER MILLING MACHINE CO. ("Becker"), Hyde Park, Mass.
See adv index at end of book
Brown & Sharpe Mfg. Co., Providence, R. I.
Cincinnati Milling Machine Co., Cincinnati, Ohio
Cleveland Milling Machine Co., 18511 Euclid av, Cleveland, O.
Garvin Machine Co., 147 Varick, New York
Hendey Machine Co. ("Hendey" Belt or Motor Driven) Torrington, Conn.
Kearney & Trecker, West Allis, Milwaukee, Wis.
Kempsmith Mfg. Co., West Allis, Wis.
Le Blond R. K. Machine Tool Co., Cincinnati, O.
Oesterlein Machine Co., Cincinnati, O.
Potter & Johnston Machine Co., Pawtucket, R. I.
Prentiss Henry & Co. Inc. (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York
See adv index at end of book
Rockford Milling Machine Co., Rockford, Ill. *See adv index at end of book*
SIMMONS MACHINE CO., INC., 987 B'way, Albany, N. Y.
See adv index at end of book
STARK TOOL CO. ("Stark," Pinion & Wheel Cutter Combined), Waltham, Mass. *See adv index at end of book*
Van Norman Machine Tool Co. ("Van Norman"), Springfield, Mass.

8611—Milling Machines (Valve)

American Tool & Machine Co., 10 High, Boston, Mass.

8612—Milling Machines (Vertical)

Beaman & Smith Co. (Three Spindle), Providence, R. I.
BECKER MILLING MACHINE CO. ("Becker"), Hyde Park, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Cincinnati Milling Machine Co., Cincinnati, Ohio
Clough R. M., Tolland, Conn.
Garvin Machine Co., 147 Varick, New York
Greenfield Tap & Die Corp. ("Bickford"), Greenfield, Mass.
See adv index at end of book
Ingersoll Milling Machine Co., Rockford, Ill.
Kearney & Trecker, West Allis, Milwaukee, Wis.
Newton Machine Tool Works, 23d & Vine, Phila., Pa.
Potter & Johnston Machine Co., Pawtucket, R. I.
Pratt & Whitney Co., Hartford, Conn.
Rockford Machine Tool Co., Rockford, Ill.
Rockford Milling Machine Co., Rockford, Ill.
SIMMONS MACHINE CO., INC., 987 B'way, Albany, N. Y. *See adv index at end of book*

8613—Milling Machines (Wood)

Oliver Machine Co., Grand Rapids, Mich.
Piel G. Co., 29 13th, Long Island City, N. Y.

8614—Mine Car Caging Machines

Mining Safety Device Co. (Automatic Cager & Nolan Stop), Bowerston, O.

8615—Mine Timber Framing Machines

Denver Engineering Works Co. ("Dewco") Denver, Colorado
Dillon-Box Iron Works Co., Denver, Colo.
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.

Mine Ventilating Machinery

See Fans, Mine Ventilating

8616— Mining Machinery

See also Mining Machinery, Coal

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
Abendroth & Root Mfg. Co., Newburgh, New York
Albany Iron Works, Albany, Ore.
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Arizona & Sonora Mfg. Co. (Sectional), Nogales, Arizona
Ashland Iron Works, Ashland, Oregon
Barker Samuel G. & Son, Scranton, Pa.
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Brainard Crusher-Pulverizer Co., Old Colony bldg, Chicago, Ill.
Caird Engineering Works, Helena, Mont.
CHALMERS-WILLIAMS MFG. CO., 1461 Arnold, Chicago Heights, Ill.
CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill.
See adv index at end of book
Colonial Supply Co. (& Supplies), 217 Water, Pittsburgh, Pa.
See adv index at end of book
Colorado Iron Works Co., Denver, Colo.
Denver Engng. Works Co., Denver, Colo.
Door Co., 1009 17th, Denver, Col.
Dubois Iron Works, Dubois, Pa.
Duncan Foundry & Machine Works, Alton, Ill.
Engelbach Machine Mfg. Co., Leadville, Colo.
Farrel Foundry & Machine Co., Ansonia, Conn.
Fulton Engine Works, Los Angeles, Cal.
Galena Foundry & Machine Co., Galena, Kan.
Galena Iron Works Corp., Galena, Ill.
Galigher Machinery Co. (Callow Settling Tanks, Tanks, Traveling Belt Screens), Salt Lake City, Utah
Georgia Iron Works (Phosphate), Augusta, Ga.
Golden State & Miners' Iron Works, 249 1st, San Francisco, Cal.
Goodman Mfg. Co. (Electric), Halsted & 48th pl, Chicago, Ill.
Great Lakes Engng. Works, Detroit, Mich.
Hallidie Co., Spokane, Wash.
Hammond Mfg. Co., Kamm bldg, Portland, Oregon
Harron, Rickard & McCone, 139 Townsend, San Francisco, Cal.
Hendrie & Bolthoff Mfg. & Supply Co., Denver, Colo.
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
Herzler & Henninger Machine Works, Belleville, Ill.
Imperial Iron Works, Duluth, Minn.
INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*
Ironton Engine Co., Ironton, O.
Jackson Byron Iron Works, Berkeley, Cal.
Jackson & Church Co. (Coal, etc), Saginaw, Mich.
JEFFREY MFG. CO. (Coal, etc., Electric), 961 N Fourth, Columbus, O.
See adv index at end of book
Johnston & Jennings Co., Addison rd. & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 B'way, New York
See adv index at end of book
Krogh Mfg. Co., 147 Beale, San Francisco, Cal.
Krom Machine Works, 170 B'way, New York
Lake Shore Engine Works (Sinking & Exploring), Marquette, Mich.
Leyner J. Geo. Engng. Works Co., Littleton, Col.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Llewellyn Iron Works, Los Angeles, Cal.
The McFarlane-Eggers Machinery Co., Denver, Col.
Mecklenburg Iron Works (Gold, etc), Charlotte, N. C.
Mine & Smelter Supply Co., 42 B'way, New York
Morgan-Gardner Electric Co. (Coal, etc), 27th & Shields av, Chicago, Ill.
Morrow Mfg. Co., Wellston, O.
National Iron Works Spokane, Wash.
Northwestern Iron Works, Seattle, Wash.
Ottumwa Iron Works (Coal, Gold & Silver), Ottumwa, Ia.
Phoenix Iron Works, E 3d & Hawthorne, Portland, Ore.
Portage Lake Foundry & Machine Co., Hancock, Mich.

When writing to firms listed in this Book please mention

Hendricks' Commercial Register

IT WILL BE OF MUTUAL BENEFIT

ALLIS-CHALMERS MANUFACTURING COMPANY

Milwaukee, Wisconsin

Offices in All Principal Cities

POWER AND INDUSTRIAL MACHINERY

MOTORS GENERATORS STEAM TURBINES
CENTRIFUGAL PUMPS RECIPROCATING PUMPS
TRANSMISSION MACHINERY FLOUR MILLS AND SAW MILLS
STEAM ENGINES AIR COMPRESSORS
GAS ENGINES OIL ENGINES
HYDRAULIC TURBINES CRUSHERS
ROTARY SOIL TILLERS FARM TRACTORS

Portland Iron Works, 14th & Northrup, Portland, Ore.
Power & Mining Machy. Co., 115 B'way, New York

Prox Frank Co., Terra Haute, Ind.
Puget Sound Iron & Steel Works, Tacoma, Wash.
Rauch Mfg. Co., Galena, Kans.
Rogers Jno. M. Works, Gloucester City, N. J.
Roy & Titcomb, Nogales, Ariz.
Salt Lake Engineering Works, Salt Lake City, Utah
Salt Lake Iron & Steel Co., Salt Lake City, Utah

Scottdale Machine & Mfg. Co., Scottdale, Pa.
Seattle Machine Works, Seattle, Wash.
Stearns-Roger Mfg. Co., Denver, Colo.
Steiger & Kerr Stove & Foundry Co., Folsom & 18th, San Francisco, Cal.
Sturtevant Mill Co., Clayton & Park, Dor., Boston, Mass.
Sullivan Machinery Co., Peoples Gas bldg, Chicago, Ill.
Suppes Forge & Foundry Co., Johnstown, Pa.
Tamaqua Mfg. Co., Tamaqua, Pa.
Ticonderoga Machine Works, Ticonderoga, N. Y.
Traylor Engineering & Mfg. Co., Allentown, Pa.

Union Iron Works, Spokane, Wash.

Union Iron Works Co. (Gold, Silver, etc.), 20th & Michigan, San Francisco, Cal.
Union Tool Co., Los Angeles, Cal.
United Iron Works, Oakland, Cal.
United Iron Works Co., Kansas City, Mo.
Vulcan Iron Works, 1849 Kearny, San Francisco, Cal.
Vulcan Iron Works, Wilkes-Barre, Pa.
Walker Mfg. Co., Denver, Col.
Webb City & Carterville Foundry & Machine Works, Webb City, Mo.

Wellman-Seaver-Morgan Co. (Miscellaneous), Cleveland, O.
Western Iron Works, Butte, Mont.
Whitcomb Geo. D. Co., Rochelle, Ill.
Willamette Iron & Steel Works, Portland, Ore.

WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

8617—Mining Machinery (Coal)

See also Mining Machines; also Coal Cutting Machines

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*

Eagle Iron Works, Des Moines, Ia.
Ellison Wm. & Son Mfg. Co., St. Louis, Mo.
Exeter Machine Works, Pittston, Pa.
Finch Mfg. Co., Scranton, Pa.
Goodman Mfg. Co. (Electric), Halsted & 48th pl, Chicago, Ill.

Grant Iron Works (Mine & Breaker Machinery), Mahoney City, Pa.

Green L. A. (Dealer), First National Bank bldg, Pittsburgh, Pa.

Herzler & Henninger Machine Works, Belleville, Ill.
INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*
Jackson & Church Co., Saginaw, Mich.
JEFFREY MFG. CO. (Complete Equipment), 961 N Fourth, Columbus, O.
See adv index at end of book
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
Mauch Chunk Iron Works, Mauch Chunk, Pa.

Mead-Morrison Mfg. Co., c Prescott & Orleans, East Boston, Mass.

Milholland J. & J. B. Co., 714 5th av, Pittsburgh, Pa.

Mineral Ridge Mfg. Co., Mineral Ridge, O.
Morgan-Gardner Electric Co. (Electric),, 27th & Shields av, Chicago, Ill.
Mount Carmel Iron Works, Mount Carmel, Pa.
Ottumwa Iron Works, Ottumwa, Ia.
Pittsburgh Coal Washer Co., Fulton bldg, Pittsburgh, Pa.

Prox Frank Co., Terre Haute, Ind.
Sanford-Day Iron Works, Knoxville, Tenn.
Savage W. J. Co., Knoxville, Tenn.
Tamaqua Mfg. Co., Tamaqua, Pa.
Vulcan Iron Works, Wilkes-Barre, Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

8618—*Mining Machinery (Cyaniding Electric)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*

8619—Mining Machinery (Hydraulic)

Abendroth & Root Mfg. Co., Newburgh, N. Y.
Henry Joshua Iron Works, 75 Fremont, San Francisco, Cal.

8620—Mining Machines (Chain)

See also Coal Cutting Machines

Goodman Mfg. Co., Halsted & 48th pl, Chicago, Ill.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
Morgan-Gardner Electric Co., 27th & Shields av, Chicago, Ill.

When writing to firms whose names appear in this book please mention
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8621-2—Mining & Crushing Machinery (Portable)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book

8623—Mitre Blanking Machines

Canton Foundry & Machine Co. ("Universal"), Canton, O.

8624—Mitre Cutting Machines

Braun J. G., 609 S Paulina, Chicago, Ill.
Loy & Nawrath Co. (For Metal), 25 Runyon, Newark, N. J.

8625—Mitre Sawing & Clamping Machines

Duplex Moulding Sander Co. ("Duplex"), Hornell, N. Y.

8626— Mitreing Machines

American Woodworking Machinery Co., Rochester, N. Y.
Beach Mfg. Co., Montrose, Pa.
Bentel & Margedant Co. (Spoke), Hamilton, O.
Braun J. G., 609 S Paulina, Chicago, Ill.
Fay J. A. & Egan Co., Cincinnati, O.
Fox Machine Co., Jackson, Mich.
Grammes L. F. & Sons (Mitre Saws), Allentown, Pa. *See adv index at end of book*
Hoe R. & Co., 504 Grand, New York
Jones Superior Machine Co. (For Wood), 1264 W North av, Chicago, Ill.
Maddox Machine Co. (Maddox" Double Mitre Saw), Jamestown, N. Y.
Smith H. B. Machine Co., Smithville, N. J.
Triumph Mfg. Co. ("Powers" Mitreing & Cutting Machines for Printers), 500 Delaware, Kansas City, Mo.
Walter's Wm. P. Sons (And Vise Combined), 1233 Market, Phila., Pa.

8627—Mitering Machines (Paper, Cloth & Leather)

Knowlton M. D. Co. (Also Cardboard), 26 Elizabeth, Rochester, N. Y.

Mixing Machinery

See Specific Kind Required; also Mixers, Various Kinds

8628—Mixing Machines (Coffee & Tea)

Dunning & Boschert Press Co. (Inc.), 379 W Water, Syracuse, N. Y.
See adv index at end of book
Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

8629—Mixing Machines (Glue)

Challoner Co. (Vegetable Glue), Oshkosh, Wis.

8630—Moistening Machines (Paper, Cloth, Leather, Etc.)

Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.
Papco Paper Products Co. (Tapes), Atlanta, Ga.

8631—Molasses Filling Machines

Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

8631a— *Molding Machines

Dopp J. W. (Dealer), 1420 Dime Bk. bldg, Detroit, Mich.

8632—Molding Machines (Foundry)

Adams Co. ("Farwell," Universal Automatic & Multiple), Dubuque, Ia.
Am. Molding Machine Co., Terre Haute, Ind.
Arcade Mfg. Co. ("Modern," for Small Castings; also "Norcross," Jolt Ramming Machines), Freeport, Ill.
B & B Mfg. Co. ("B & B" Hand Jar & Squeezer), Indianapolis, Ind.
Berkshire Mfg. Co. ("Universal," "Berkshire" Automatic Air Squeezer & Hand Squeezer), Whitney Power blk, Cleveland, O.
Bridgeport Die & Machine Co. ("Bridgeport"), Bridgeport, Conn.
Buch Foundry Equipment Co. (Jar Squeeze, Roll-over & Pattern Draw), Bridgeport, Pa.
Buch's A. Sons Co. (Gravity Moulder & "Parks" Portable Jar & Squeezer), Elizabethtown, Pa.
Cooper H. W. Saddlery Hdw. Mfg. Co. (Moline Squeezer), Moline, Ill.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Davenport Mach. & Fdry. Co. (Jolts & Squeezers), Davenport, Ia.
Delano E. A. Co. (For Pulley Molding, etc), 1401 W North, Chicago, Ill.
Demmler Wm. & Bro. ("Kewanee," Jarring Type), Kewanee, Ill.
Elmira Foundry Co. ("Gow"), Elmira, N. Y.
Federal Malleable Co. ("Rapid"), West Allis, Wis.
Foundry Equipment Co., 1833 Columbus rd, Cleveland, O.
Freeman Mfg. Co. ("Dearsley"), Dept. O., Racine, Wis.
Harriman Mfg. Co. (Gravity Molder), Harriman, Tenn.
Herman Pneumatic Machine Co. ("Herman," Jarring), Zelienople, Pa.
International Molding Machine Co., 2614 W. 16th, Chicago, Ill.
Midland Machine Co. ("Grimes" Roll-Over), Detroit, Mich.
Mumford E. H. Co., Elizabeth, N. J.
Mumford Molding Machine Co., 1765 Elston, Chicago, Ill.
Newman Machine Co. (Heavy 7 to 14 inch), Greenboro, N. C.
Nichols Wm. H. Co., 2 College pl, Brooklyn, N. Y.
Cleveland Osborn Mfg. Co. ("Osborn"), 5405 E Hamilton, Cleveland, O.
Phenix Iron Works (Pulley), Winona, Minn.
Pridmore Henry E., 1901 S Rockwell, Chicago, Ill.
Reynolds James Mfg. Co., New Haven, Conn.
SNEAD & CO. IRON WORKS ("Macdonald" Roller Ramming Machines), 98 Pine, Jersey City, N. J.
See adv index at end of book
Syracuse Malleable Iron Works ("Burns Economic"), Syracuse. N. Y.
Tabor Mfg. Co., 18th & Hamilton, Phila., Pa.
Turner Machine Co. (For Brass & Iron), 3632 N Lawrence, Phila., Pa.
U. S. Molding Machine Co., 968 E 69th, Cleveland, O.
Webb J. F. (Power Ramming), Davenport, Ia.
Woodison E. J. Co., Detroit, Mich.

8633—Molding Sander Machines

Austin & Eddy ("Pioneer"), 117 Broad, Boston, Mass.
Duplex Moulding Sander Co. ("Duplex"), Hornell, N. Y.
Hall & Brown Woodworking Machine Co., 1913 N B'way, St. Louis, Mo.

8634—Mop Making Machines

Saunders & Co. (Automatic), 1700 B'klyn av, Kansas City, Mo.

Mortar Mixing Machinery

See Mixing Machinery

Mortising Machines

Mortising Machines are Classified Under the Kind Descriptive Thereof

8635—Mosaic Cutting Machinery

Patch F. R. Mfg. Co., Rutland, Vt.

8636—Mosaic & Tile Floor Polishing Machines

Herr John Mfg. Co., 44 N 4th, Phila., Pa.
Patch F. R. Mfg. Co., Rutland, Vt.

8637—Motor Fly Wheel Balancing Machinery

Defiance Machine Works, Defiance, O.

8638—Moving Picture Film Machines

Atlas Educational Film Co., 63 E Adams, Chicago, Ill.
BECK CHAS. CO., 607 Chestnut, Phila., Pa.
See adv index at end of book
Nicholas Power Co., 90 Gold, New York
Schneider Erberhard, 219 2nd av, New York

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8639—Moving Picture Machines

American Standard Motion Picture Machine Co., 261 W 36th, New York
Amusement Supply Co., 5 S Wabash, Chicago, Ill.
Baird Motion Picture Machine Co., 24 E 23d, New York
Bell & Howell Co. (Film Printing & Film Perforating Machines), 1801 Larchmont av, Chicago, Ill.
C. & C. Electric & Mfg. Co., Garwood, N. J.
Cameron Mach. Co., 61 Poplar, Brooklyn, N. Y. *See adv index at end of book*
Edison Thos. A ("Kinetoscope"), Orange, N. J.
Gennert G., 24 E 13th, New York
Imperial Elec. Co., Union City, Md.
Kinockon Apparatus Corp., Bridgeton, N. J.
Kleine Optical Co., 207 S Wabash av, Chicago, Ill.
National Moving Picture Co. ("Monarch"), 537 S Dearborn, Chicago, Ill.
Nicholas Power Co., 90 Gold, New York
Optigraph Co., 564 W Randolph, Chicago, Ill.
Power Nicholas Co. (Powers Cameragraph), 90 Gold, New York
Precision Machine Co. (Motor Driven), 317 E 34th, New York
Schneider Eberhard, 219 2nd av, New York
Selig Polyscope Co. ("Polyscope"), 58 E Wash, Chicago, Ill.
Stout Machine Co., Rockford, Ill.
Victor Animatograph Co., Davenport, Iowa

8640—Muscle Testing & Lifting Machines

Mills Novelty Co., 221 S Green, Chicago, Ill.

8641—Mustard Seed Cleaning Machines

Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

8642—Nail Keg Stave Machinery

Lenker Frank K. & Co. (Sawing, Jointing, Crozing, Cut-Off, Bolting, etc.), Millersburg, Pa.

WIRE NAIL MACHINERY

NAIL MACHINES NAIL DIE GRINDERS WIRE REELS

Nail machines of a new type, very rapid, practically noiseless in operation, and very economical in upkeep. Built in five sizes, handling wire from .047" to 3/8" diameter

SLEEPER & HARTLEY, Inc. - Worcester, Mass., U. S. A.

SEE OUR ADV. PAGES 901 & 911

8643— Nail Mill Machinery

Cleveland Machine & Mfg. Co., Cleveland, O.
Glader Wm. ("Glader" Wire Nail), 210 N Ann, Chicago, Ill.
Hassall Jno. (Inc.) (Wire Nail), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Kilby Mfg. Co. (Wire, etc.), Cleveland, O.
Kimball Bros. & Sprague (Shoe), Brockton, Mass.
Miller's H. J. Sons ("Perkins Pattern" Wire), Bridgewater, Mass.
National Machinery Co. (Wire), Tiffin, O.
Perkins Henry Co. (Wire), Bridgewater, Mass.
SLEEPER & HARTLEY (INC.), (Wire Nail & Nail Die Grinding), 68 Prescott, Worcester, Mass.
See adv index at end of book
Turner, Vaughn & Taylor Co. (Wire Nail Mill, etc.), Cuyahoga Falls, O.
See adv index at end of book
Walton & Macke Nail Co. (Wire), Kokomo, Ind.

8644—Nail Oxidizing Machines

Marquette John N. Sons, 513 S Eden, Baltimore, Md.

Nail Pulling Machines

See Pullers, Nail

Nailing Machines

See Box Nailing Machines; also Hoop Nailing Machines

8645—Neck Yoke & Singletree Machinery

Ober Mfg. Co., Chagrin Falls, O.
Trevor Mfg. Co., Lockport, N. Y.

8646—Needle Machinery (Sewing Machine)

Langelier Mfg. Co., Arlington, Providence, R. I.

8647— Netting Machines

Fowler Net & Twine Co., 107 S 2d, Phila., Pa.

8648—Nibber & Trimming Machines (Combined)

Rock River Machine Co., Janesville, Wis.
Ryerson Jos. T. & Son (For Spring Shop Work), 2558 W 16th, Chicago, Ill.
See adv index at end of book

8649—Nipple Cutting Machines

Bignall & Keeler Machine Works ("B & K"), Edwardsville, Ill.
Landis Machine Co., Waynesboro, Pa.
Williams Tool Co., Erie, Pa.

8650—Nipple Threading Machines

Bignall & Keeler Machine Works ("B & K"), Edwardsville, Ill.
Landis Machine Co., Waynesboro, Pa.
Murchey Machine & Tool Co. ("Murchey," Automatic), 85 Porter, Detroit, Mich.
Oster Mfg. Co., Cleveland, O.

8651—Nitrating Centrifugal Machines

Watson Machine Co., Paterson, N. J.

Noodle Machinery

See Macaroni Machinery

8652— Notching Machines

AMERICAN CAN CO. (Machinery Dept.), Monroe bldg, Chicago, Ill.
See adv index at end of book
BLISS E. W. CO. (Armature), 19 Adams, Brooklyn, N. Y.
See adv index at end of book
Leffler Chas. & Co. (Also Bench Notching Machinery for Pierced Tin Ware, Can Boxes, etc), 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*
Long & Allstatter Co., (Disc Armature), Hamilton, O.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book
Peck, Stow & Wilcox Co., Southington, Conn.
Rock River Machine Co., Janesville, Wis.

8653—Nougat Cutting Machines

Rittenhouse Frank, Norristown, Pa.

8654— Numbering Machines

American Numbering Machine Co., 224 Shepherd, Brooklyn, N. Y.
Am. Perforator Co. (Perforators), 621 W Jackson blvd, Chicago, Ill.
See adv index at end of book
American Railway Supply Co., 134 Charles, New York
Bates Mfg. Co. ("Bates" & "Wizard" Automatic Hand), 50 Church, New York
Cushman & Denison Mfg. Co. ("Reliance") 240 W 23d, New York
Dickey-Grabler Works, 118 Noble Court, Cleveland, O.
Dill Mfg. Co., 686 E 82d, Cleveland, O.
Force W. A. & Co., 535 Pearl, New York
Haynes & Co., 75 Westminster, Providence, R. I.
Hero Mfg. Co., Gaul & Adams, Phila., Pa.
Hickok W. O. Mfg. Co., Harrisburg, Pa.
Kastens Henry, 418 W 27th, New York
Matthews Jas. H. Co. (Automatic), 3942 Forbes, Pittsburgh, Pa.
Meyer & Wenthe, 108 N Dearborn, Chicago, Ill.
Roberts Numbering Machine Co. ("Bates," Automatic), 706 Jamaica av, Brooklyn, N. Y.
Smith R. H. Mfg. Co., Springfield, Mass.
Spencer S. M. Mfg. Co. (Also for Case Marking), 9 Cornhill, Boston, Mass.
Stewart R. A. & Co. ("Premier"), 201 B'way, New York
Traut & Hine Mfg. Co. ("Climax"), New Britain, Conn.
Wetter Numbering Machine Co., 255 Classon av, Brooklyn, N. Y.

8655—Numbering & Paging Machines

Hickok W. O. Mfg. Co., Harrisburg, Pa.
Hoole Machine & Engraving Works, 29 Prospect, Brooklyn, N. Y.
Latham Machinery Co. ("Monitor"), 1153 Fulton, Chicago, Ill.
Sheridan T. W. & C. B. Co., 434 Broadway, New York

8656—Nut Blanking Machines

Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

8657—Nut Burring Machines

National Machinery Co., Tiffin, O.

8658— Nut Facing Machines

Acme Machinery Co., Cleveland, O.
Detrick & Harvey Machine Co., 508 E Preston, Baltimore, Md.
National Machinery Co., Tiffin, O.
Newton Machine Tool Works, 23d & Vine, Phila., Pa.
Victor Tool Co. ("Victor"), Waynesboro, Pa.

8659—Nut Finishing Machines

Pawtucket Mfg. Co., Pawtucket, R. I.

Nut Machinery

See Bolt & Nut Machinery

8660—Nut Machines (Hot Pressed)

Acme Machinery Co., Cleveland, O.
Ajax Mfg. Co., Cleveland, O.
National Machinery Co., Tiffin, O.

8661—Nut Tapping Machines

Acme Machinery Co. (Automatic), Cleveland, O.
Automatic Machine Co. ("Coulter" Horizontal), Bridgeport, Conn.
Brown H. B. Co., East Hampton, Conn.
Ellers H. P. Mfg. Co., Cleveland, O.
GREENFIELD TAP & DIE CORP'N, ("G. T. D." for Bolt & Nut Tapping, also with Automatic Die Heads, Hand & Power), Greenfield, Mass.
See adv index at end of book
Howard Iron Works, Buffalo, N. Y.
Landis Machine Co., Waynesboro, Pa.
National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.
National Machinery Co. (Semi-Automatic & Automatic), Tiffin, O.
Niles-Bement-Pond Co., 111 B'way, New York
Pawtucket Mfg. Co. (2, 3, 4, 6 & 9 Spindles), Pawtucket, R. I.
San Francisco Engng. Co., 322 6th, San Francisco, Cal.
SIMMONS MACHINE CO. (INC.), 987 B'way, Albany, N. Y.
See adv index at end of book
Universal Machine Co., Bowling Green, O.
Webster & Perks Tool Co., Springfield, O.

8662—Nut Tapping Machines (Multiple Spindle)

Acme Machinery Co., Cleveland, O.
Detrick & Harvey Machine Co., 508 E Preston, Baltimore, Md.
National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.
Pawtucket Mfg. Co., Pawtucket, R. I.

8663—Oat Clipping Machines

Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor"), Silver Creek. N. Y.

8664—Oat Groats Machinery

Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

8665— Oat Machinery

Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor" Cleaners, Separators, Clippers & Extractors), Silver Creek. N. Y.

8666— Oat Meal Machinery

BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
Invincible Grain Cleaner Co. (Cleaning, Grading & Packing), Silver Creek, N.Y.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Willamette Iron & Steel Works, Portland, Ore.

8667—Oil Cake Packing Machines

French Oil Mill Machinery Co., Piqua, O.

8668—Oil Cake Trimming Machines

French Oil Mill Machinery Co., Piqua, O.

8669— Oil Chilling Machines

Moore Sam'l L. & Sons, Elizabeth, N. J.

8670— Oil Cloth Machinery

Currier Cyrus & Sons, 365 Market, Newark, N. J.
Dienelt & Eisenhardt, 1308 N Howard, Phila., Pa.
Moore & White Co. (Oil Cloth Printing Machines), N 15th & Lehigh av, Phila., Pa.
Rich J. & G., 120 N 6th, Phila., Pa.
Waldron Jno. Co., New Brunswick, N .J.

8671— Oil Mill Machinery

See also Cottonseed Oil Machinery

American Machine & Mfg. Co., Greenville, S. C.
Atlanta Mfg. & Supply Co., Atlanta, Ga.
Atlanta Utility Works, Atlanta, Ga.
Bailey-Burruss Mfg. Co., Atlanta, Ga.
Buckeye Iron & Brass Works, Dayton, O.
Burruss Engineering Co., Atlanta, Ga.
Callahan W. P. & Co., Dayton, O.
Cardwell Machine Co., 1900 E Cary, Richmond, Va.
French Oil Mill Machinery Co., (Oil Cake Trimming & Packing), Piqua, O.
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, Ohio
Jeffrey Mfg. Co., 961 No. 4th, Columbus, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
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Lombard Iron Works & Supply Co., Augusta, Ga.
Murray Co., Dallas, Tex.
Platt Iron Works Co. (Cotton, Linseed, etc). Dayton, O.
Sprout Waldron & Co., Muncy, Pa.

Oil Well Machinery

See Well Drilling Machinery

8672—Oil Well Pulling Machines

Buckeye Traction Ditcher Co. (Pulling & Cleaning), Findlay, Ohio

8674—Oil & Waste Saving Machines

D'Olier Centrifugal Pump & Machine Co., 1421 Chestnut, Phila., Pa.
OIL & WASTE SAVING MACHINE CO., Real Estate Trust bldg, Phila., Pa.

8674a—*Oil & Waste Saving Machines (Presses)

EUGENT, WM. W. & CO., 146 W. Superior, Chicago, Ill.
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8675—Oleo & Lard Rendering Machinery

Brecht Co., 1201 Cass av, St. Louis, Mo.

Opticians' Machines

See Jewelers' & Opticians' Machines & Tool

Ore Briquetting Machinery

See Briquetting Machinery

Ore Concentrating Machines

See Concentrators, Ore

Ore Handling Machinery

See Coal & Ore Handling Machinery

8676—Ore Milling Machinery

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
Colorado Iron Works Co., Denver, Colo.

8677—Ore Reduction Machinery

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
Wellman-Seaver-Morgan Co., Cleveland, O.

8678—Ore Washing Machinery

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
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Davis Foundry & Machine Works, Rome, Ga.
McLanahan-Stone Mach. Co., Hollidaysburg, Pa.
Mine & Smelter Supply Co., 42 B'way. New York
Rome Machine & Foundry Co., Rome, Ga.
Tamaqua Mfg. Co., Tamaqua, Pa.

8679—Oyster Canners' Machinery

Chain Belt Co., Milwaukee, Wis.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Renneburg E. & Sons Co., 2639 Boston, Baltimore, Md.
Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

8680—Oyster Cultivating Machinery

Automatic Machine Co., Bridgeport, Conn.

8681—Package Handling Machines For Department Stores, Factories, Etc.

Chain Belt Co., Milwaukee, Wis.
Jeffrey Mfg. Co., 961 N 4th Columbus, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
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8682—Package Heading-Up Machines

Glader Wm. ("Glader" 10 to 30 Gallons), 210 N Ann, Chicago, Ill.

8683—Package Sealing & Labeling Machines

Eisler Anthony & Co. ("Jiffy" Sealing), 227 Canal, New York
Standard Automatic Machine Co., Rochester, N. Y.

8684—Package Washing Machines

Ideal-Peerlesss Mfg. Co., ("Ideal," Automatic), Cleveland, O.

8685—*Packers' Can Making Machinery

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

8686—Packing House Machinery

Allbright-Nell Co., 5323 Western blvd, Chicago, Ill.
Brecht Co., 1201 Cass av, St. Louis, Mo.
Flynn & Emrich Co. (Ham Cookers), 305 N Holliday, Baltimore, Md.
Jeffrey Mfg. Co., 961 N 4th Columbus, O.
See adv index at end of book
Joslin-Schmidt Co. (For Working up Waste Products), 3223 Spring Grove av. Cincinnati, O.
KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa.
See adv index at end of book
LINK-BELT CO. ("Link-Belt"), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Mechanical Mfg. Co., Union Stock Yards, Chicago, Ill.
Murray Iron Works Co., Burlington, Ia.
Perrin Wm. R. & Co., Old Colony bldg, Chicago, Ill.
Redfield Robert S., 327 S La Salle, Chicago, Ill.
Weir & Craig Mfg. Co., 2421 Wallace, Chicago, Ill.

8687— Packing Machines

See also Bag Filling Machines

ALLIS-CHALMERS MFG. CO. (Bran, Flour, etc.), Milwaukee, Wis.
See adv index at end of book
American Machine & Foundry Co., 5520 2d av, Brooklyn, N. Y.
Barnard & Leas Mfg. Co. (Sugar, Flour, Bran, Cement, etc), Moline, Ill.
Bond Scale Co. (For Powders, Sugar, etc), Los Angeles. Cal.
Brown A. & F. Co. (Sugar Barrel Filling), 79 Barclay, New York.
Campbell P. F. ("Richmond" Flour), 51 Laurel, Phila., Pa.
Cardwell Mach. Co. (Tobacco), 1900 E Cary. Richmond, Va.
Gerdes & Co. (Flour), 42 Church, New York. *See adv index at end of book*
Hersey Mfg. Co. (Sugar), 314 W 2nd, Boston, Mass.
Howes S. Co. (Cement), Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor," for Flour, Bran, Feed, Cotton Hulls, Cement, Lime, Paint & All Pulverized Minerals), Silver Creek, N. Y.
Invincible Grain Cleaner Co. ("Invincible" Cement, Flour, Bran, Corn Meal, Alfalfa, Lime, etc), Silver Creek, N. Y.
Modern Bag Co. (Cement, Plaster, etc), East Orange, N. J.
Nordyke & Marmon Co. (Bran, Flour, Sack, etc), 1290 Kentucky av, Indianapolis, Ind.
Richardson Scale Co. (Combined Scale Packers for Flour, Bran, Beet Pulp & Other Feeds), Passaic, N. J.
Ross Chas. & Son Co. (Barrel, etc), 148 Classon av, Brooklyn, N. Y.
Sprout, Waldron & Co. (For Flour, Bran, Feed, etc), Muncy, Pa.
Unit Weighing & Packing System (for Baking Powder, Tea, Coffee, Cereals, etc), Scott & McHenry, Baltimore, Md.
United Iron Wks. Co. (Cement), Kansas City, Mo.
Urschel-Bates Valve Bag Co. (Bag Filling, Lime), 3431 Summit av, Toledo, O.
Wolf Co., Chambersburg, Pa.

8688—Packing Machines (Cottonseed & Linseed Cake)

French Oil Mill Machinery Co., Piqua, O.

8689— Pail Handle Machines

Gerlach Peter Co., 1712 Winter, Cleveland, O.
Goodspeed Machine Co., Winchendon, Mass.
Kline Lewis T., Alpena, Mich.

Pail Machinery

See Tub & Pail Machinery

8690—*Paint Can Machinery

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

8691—Paint Grinding & Mixing Machinery

See also Mills, Grinding; also Machinery, Pulverizing

Abbe Engineering Co., 220 B'way, New York. *See adv index at end of book*
Acton John, 118 John, Brooklyn, N. Y.
BARTLETT C. O. & SNOW CO., French Cleveland, O.
See adv index at end of book
Bay Gottfried, 537 W 50th, New York
Campbell P. F., 51 Laurel, Phila., Pa.
Day J. H. Co., Cincinnati, O.
Gaston's N. B. Sons Co. (Grinding), Beloit, Wis.
Holmes & Blanchard Co., 31 State, Boston, Mass.
Kaestner & Hecht Co., 500 Throop, Chicago, Ill.
Kent Machine Works, 39 Gold, Brooklyn, N. Y.
Manitowoc Engineering Works, Manitowoc, Wis.
Nebel M. A., 72 Grand av, Brooklyn, N. Y.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Patterson Fdry. & Mach. Co., E. Liverpool, Ohio
Poole Engng. & Mach. Co., Woodberry sta, Baltimore, Md.
Raymond Bros. Impact Pulverizer Co., 1319 North Branch, Chicago, Ill.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
Sprout, Waldron & Co., Muncy, Pa.
Union Engineering Co., Cuyahoga and W 4th, Cleveland, O.
Waterville Fdry. & Mfg. Co., Waterville, N. Y.
Werner & Pfleiderer Co., 1232 N Niagara, Saginaw, Mich.
See adv index at end of book
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

8692— Paint Roll Machines

Robinson J. M. Mfg. Co., Cincinnati, O.

8693—Paint & White Wash Spraying Machines

See also Pneumatic Painting Machine

Bean Spray Pump Co. ("Bean" Pneumatic), San Jose, Cal.
Brown E. C. Co. ("Auto-Spray"), Rochester, N. Y.
DEMING CO. ("Century," "Major," Multispra" Whitewashing), Salem, *See adv index at end of book*
De Vilbiss Mfg. Co. ("Aeron" System Pneumatic), Toledo, O.
Eclipse Air Brush Co., 79 Orange, Newark, N. J.
FOX M. EWING CO., 241 E 136th, New York *See adv index at end of book*
Gustin-Bacon Mfg. Co., Kansas City, Mo.
Hardie Mfg. Co. (Pneumatic), Hudson, Mich.
Humphryes Mfg. Co., Mansfield, O.
Hurst H. L. Mfg. Co. ("Fitz-All'), Canton, O.
Koenigkramer F. & F. ("Paragon"), 1914 Western av, Cincinnati, O.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Lederer F. J. Co., 66 Forest av, Buffalo, N. Y.
MacLeod Co. ("Buckeye"), 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Muralo Company ("Cyclo"), Rich. Ter., New Brighton, Borough of Richmond, N. Y.
Myers F. E. & Bro. ("Myers," "Century," "Handy," "Hydraulic," "Duplex" & "Ratchet Handle" Automatic), 800 Orange, Ashland, O.
See adv index at end of book
Spray Engineering Co. ("Spraco," Also for Coating High Explosive Shells, Automobile Parts & For Parrafin Coatings), 93 Federal, Boston, Mass.
Star Brass Works ("Binks Star"), 3114 Carrol av, Chicago, Ill.
Star Pointer Pump Mfg. Co., Menasha, Wis.

8694—Pamphlet Stitching Machines

See also Wire Stitching Machines

Brown R. H. & Co., New Haven, Conn.
Rosback F. P. Co., Benton Harbor, Mich.

8695-6—Pan Cleaning & Greasing Machines

Gottschalk & Co. ("Standard," for Bakers) Reedsville, Pa.
Maag August Co., 509 W. Lombard, Baltimore, Md.

8697—Panel Raising Machines

Amer. Woodworking Machy. Co., Rochester, N. Y.
Bentel & Margedant Co., Hamilton, O.
Cordesman Rechtin Co., Butler, Cincinnati, O.
Falls Machine Co., Sheboygan Falls, Wis.
Fay J. A. & Egan Co., Cincinnati, O.
Hall & Brown Woodworking Machine Co., 1913 N B'way, St. Louis, Mo.
Heath W. A. Machine Co., Lestershire, N. Y.
Smith & Phillips Mfg. Co., 1008 W Madison, Chicago, Ill.

8698— Pantograph Machines

Hope John & Sons Engraving & Mfg. Co., 1 Mashapaug, Providence, R. I.
Keller Mechanical Engraving Co., 70 Washington, Brooklyn, N. Y.

8699-700—Paper Bag Machinery

Brown Bag Filling Machine Co. (Making, also for Filling & Sealing Flat Paper Bags), Fitchburg, Mass.
Bond Bros., Spencerville, Md.
Fischer Machine Co., 310 N 11th, Phila., Pa.
Fuller-Saxton Co., Drexel bldg, Phila., Pa.
Lockport Machine Co. (Flat & Square), Lockport, N. Y.
Paper Working Machines Co., av U, Brooklyn, N. Y.
Potdevin Machine Co., 1221 38th, Brooklyn, N. Y.
Schmidt F. L. Co., 11th av & 21st, New York
Smith & Winchester Mfg. Co. (Cement, Flour, etc), South Windham, Conn.
South Bend Paper Co., South Bend, Ind.

8701—Paper Board Printing Machines

BECK CHAS. CO., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book

8702—Paper Bottle Cap Machinery

Swift Geo. W. Jr., Bordentown, N. J.

8703—Paper Box, Corner Cutting Machines

BECK CHAS. CO., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Hobbs Mfg. Co., Worcester, Mass.
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.

8704—Paper Box Corner Staying Machines

BECK CHAS. CO., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Hobbs Mfg. Co., Worcester, Mass.
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.

8705—Paper Box Covering Machines

BECK CHAS. CO., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Hobbs Mfg. Co., Worcester, Mass.
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.
Stokes & Smith Co., Summerdale Sta, Phila., Pa.

8706—Paper Box Cutting & Scoring Machines

BECK CHAS. CO., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Herrick & Cowell (Rotary), New Haven, Conn.
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.
Latham Machinery Co. ("Monitor") 1153 Fulton, Chicago, Ill.

8707—Paper Box Edging Machines

BECK CHAS. CO., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Hobbs Mfg. Co., Worcester, Mass.
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.
Latham Machinery Co. ("Monitor"), 1153 Fulton, Chicago, Ill.

8708—Paper Box Ending Machines

BECK CHAS. CO., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Hobbs Mfg. Co., Worcester, Mass.
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.

8709—Paper Box Folding & Glueing Machines

BECK CHAS. CO., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Herrick & Cowell (Hand Fed), New Haven, Conn.
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.
Standard Automatic Machine Co., Rochester, N. Y.

8710—Paper Box Forming Machines

BECK CHAS. CO., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.

8711—Paper Box Gumming Machines

BECK CHAS. CO., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Hobbs Mfg. Co., Worcester, Mass.
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.

8712— Paper Box Machinery

BECK CHAS. CO., 607 Chestnut, Phila., Pa. *See adv index at end of book*

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Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Griswold Geo. M. Machine Co., New Haven, Conn.
Herrick & Cowell, New Haven, Conn.
Hobbs Mfg. Co. (Folding Machines), Worcester, Mass.
Inman Mfg. Co., Amsterdam, N. Y.
Jacques John & Son, Worcester, Mass.
Kingsbury & Davis Machine Co. ("Standard" Automatic Double End Setting), Contoocook, N. H.
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.
Langston Samuel M. Co., Camden, N. J.
Latham Machinery Co., 1153 Fulton, Chicago, Ill.
Marshall Son & Co. (Gauge Table Shears, etc.), 226 Purchase, Boston, Mass.
National Metal Edge Box Co., 8th & Willow, Phila., Pa.
Rau Emanuel (Embossing), 30 Church, New York.
Robinson John T. Co., Hyde Park, Mass.
Saranac Machine Co. ("Advance" Stapling Machines), Benton Harbor, Mich.
Sheridan T. W. & C. B. Co., 434 B'way, New York
Standard Automatic Machine Co., Rochester, N. Y.
Staude E. G. Mfg. Co., St. Paul, Minn.
Stokes & Smith Co., Summerdale Sta, Phila., Pa.
Swift Geo. W. Jr., Bordentown, N. J.

8713—Paper Box Printing Machines

BECK CHAS. CO., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Kidder Press Co. (For Cartons), Dover, N. H.

8714—Paper Box Sealing Machines

BECK CHAS. CO., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.
Standard Automatic Machine Co. (Cigarette & Cartridge Boxes Only), Rochester, N. Y.
Union Engineering Co., Cuyahoga & W 4th, Cleveland, O.

8715—Paper Box Thumbhole Machines

BECK CHAS. CO., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.

8716—Paper Box Topping Machines

BECK CHAS. CO., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Hobbs Mfg. Co., Worcester, Mass.
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.

8717—Paper Box Wire Stitching Machines

Latham Machinery Co. ("Monitor"), 1153 Fulton, Chicago, Ill.

8718—Paper Box Wrapping Machines

BECK CHAS. CO., 607 Chestnut, Phila., Pa. *See adv index at end of book*

8719—Paper Calendering Machines

Clark H. C. & Son Machine Co., Lee, Mass.
Norwood Engineering Co., Florence, Mass.

8720—Paper Can Machinery

Beck Chas. Co., 607 Chestnut, Phila., Pa.
See adv index at end of book
Chicago Paper Tube & Can Co., ("Williams," for Round Paper Cans & Boxes), 168 N May, Chicago, Ill.
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.
Paper Working Machines Co., av U, Brooklyn, N. Y.

8721—Paper Clip & Fastener Machines

Baird Machine Co. (Automatic), Bridgeport, Conn.
Ever Ready Mfg. Co. of Boston, Little bldg, Boston, Mass.
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.
Special Machinery Co. (Automatic), Bridgeport, Conn.

8722—Paper Coating Machines

Knowlton M. D. Co. (Silicate of Soda & Tint Solutions), 26 Elizabeth, Rochester, N. Y.
Mayer Coating Machine Co. (Waxed), 187 N Water, Rochester, N. Y.
Moore & White Co., N 15th & Lehigh av, Phila., Pa.
Waldron John Co., New Brunswick, N. J.
Werner & Pfleiderer Co., 1232 N Niagara, Saginaw, Mich.
See adv index at end of book

8723—Paper Covering Machines

Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.
Watson Machine Co., Paterson, N. J.

8724—Paper Cutting Machines

Abbe Engineering Co. (Paper Scrap), 220 B'way, New York
See adv index at end of book
BECK CHAS. CO., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Beloit Iron Works, Beloit, Wis.
Black-Clawson Co. ("Perfect"), Hamilton, O.
Cameron Machine Co., 61 Poplar, Brooklyn, N. Y. *See adv index at end of book*
Central Machine Co., Niagara Falls, N. Y.
Challenge Machy. Co. ("Advance," "Diamond" Lever & Power), Grand Haven, Mich.
Champion Paper Cutter Co., Piqua, O.
Chandler & Price Co. (Lever & Power), Cleveland, O.
Child Acme Cutter & Press Co. ("Acme" Self-Clamping), 184 Summer, Boston, Mass.
Clark H. C. & Son Machine Co. (Revolving for Paper Mills), Lee, Mass.
Dexter Folder Co., 200 5th av, New York
Dillon Machine Co. (Horizontal & Vertical, Single, Double Cutters), Lawrence, Mass.
Eardley Wm. F. & Bro., 138 Centre, New York
Fuller E. C. Co. ("White"), 28 Reade, New York
Golding Mfg. Co., Franklin, Mass.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Hamblet Mach. Co. (Revolving), Lawrence, Mass.
Highland Mach. Co. ("National"), 58 Kemble, Rox., Boston, Mass.
Hinze H., 460 W 149th, New York.
Inman Mfg. Co., Amsterdam, N. Y.
Interstate Machy Co., Troy, N. Y.
Jacques Jno. & Son (14 inch Long), Worcester, Mass.
Kidder Press Co., Dover, N. H.
Knowlton M. D. Co., 203 Wooster, Rochester, N. Y.
Langston Samuel M. Co. (Rotary, for Fine Card Work), Camden, N. J.
Oswego Machine Works ("Oswego," "Brown & Carver," Hand Lever, Bench, Hand Wheel Drive, Power, etc.), Oswego, N. Y.
Rice Barton & Fales Machine & Iron Co. ("Hill" Diagonal; also Revolving), Worcester, Mass.
Seybold Machine Co., Dayton, O.
Sheridan T. W. & C. B. Co., 434 B'way, New York
Smith & Winchester Mfg. Co. (Undercut Trimmer for Paper Mills), S Windham, Conn.
Standard Machy Co. ("Keystone"), Mystic, Conn.

8725—Paper Feeding Machines

Cross Paper Feeder Co., 185 Summer, Boston, Mass.
Dexter Folder Co., 200 5th av, New York
Hickok W. O. Mfg. Co. (Automatic), Harrisburg, Pa.
United Printing Machinery Co. (Automatic), 100 Summer, Boston, Mass.

8726—Paper Folding Machines

(For Bookbinders, Printers, Etc.)
American Folding Machine Co. ("American"), Warren, O.
Borden Co., The, Warren, O.
See adv index at end of book
Brown Folding Machine Co., Erie, Pa.
Chambers Bros. Co., 52d, below Lancaster av, Phila., Pa.
Cleveland Folding Machine Co. ("New Idea"), Cleveland, O.
Dexter Folder Co., 200 5th av, New York
Dillon Mach. Co. ("Brannan"), Lawrence, Mass.
Eclipse Folding Machine Co., Sidney, O.
Fuller E. C. Co., 28 Reade, New York
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Herrick Chas. E., Northampton, Mass.
Mentges Folder Co., Sidney, O.
Omaha Folding Machine Co., Omaha, Neb.
Sheridan T. W. & C. B. Co., 434 B'way, New York

8727—Paper Making Machines (Miniature)

McKim Foundry & Machine Co. (For Laboratories, Color Mfrs., etc), Lockport, N. Y.

8728—Paper Milk Bottle Machinery

Burpee & Letson, Ltd., Bellingham, Wash.

8729—Paper Napkin Machinery

Waldron John Co., New Brunswick, N. J.

8730—Paper Pail Machinery

Paper Working Machines Co. (Ice Cream & Oyster Pail, etc.) av U Brooklyn, N. Y.

8731—Paper Punching Machinery

See also Perforating Machines

BECK CHAS. CO., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Grammes L. F. & Sons (Foot & Power), Allentown, Pa.
See adv index at end of book
Hinze H., 460 W 149th, New York.
Knowlton M. D. Co. (Also Cardboard, Asbestos, etc), 26 Elizabeth, Rochester, N. Y.
Latham Machinery Co. ("Monitor" Duplex & Multiplex), 1153 Fulton, Chicago, Ill.
Rosback F. P. Co., Benton Harbor, Mich.
Sheridan T. W. & C. B. Co., 434 B'way, New York
Southworth Machine Co. ("Southworth" Hand & Foot Power & "Portland" Multiple Foot & Power), Portland, Me.

8732—Paper Rewinding Machines

See also Paper Slitting & Re-winding Machine

BECK CHAS. CO., 607 Chestnut, Phila., Pa.
See adv index at end of book
Downington Mfg. Co., East Downington, Pa.
Kidder Press Co., Dover, N. H.
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.
Rice, Barton & Fales Machine & Iron Co., Worcester, Mass.
Ticonderoga Machine Works ("Warren," Double Drum), Ticonderoga, N. Y.

8733—Paper Rule Forming Machines

Herrick & Cowell, New Haven, Conn.

8734—Paper Ruling Machines

Dewey F. E. & B. A., Springfield Mass.
Grissinger Machine Works, 904 Quarry, Phila., Pa.
Hickok W. O. Mfg. Co., Harrisburg, Pa.

8735—Paper Saturating, Coating & Water-proofing Machines

Moore & White Co., N 15th & Lehigh, Phila., Pa.

Paper Scoring Machines

See paper Box Cutting & Scoring Machines

8736—Paper Shipping Case Machinery

BECK CHAS. CO., 607 Chestnut, Phila., Pa.
See adv index at end of book

8737—Paper Slitting & Rewinding Machines

American Machine Co., Newark, Del.
BECK CHAS. CO., 607 Chestnut, Phila., Pa.
See adv index at end of book
Beloit Iron Works (Rewinders), Beloit, Wis.
Black-Clawson Co., Hamilton, O.

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CAMERON MACHINE CO., BROOKLYN, N. Y.

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Dietz Machine Works, 126 Fontain, Phila., Pa.
Fales L. F. (Paper Slitting), Walpole, Mass.
Grissinger Machine Works, 904 Quarry, Phila., Pa.
Griswold George M. Machine Co. (Rotary Sheet Slitting, etc), New Haven, Conn.
Hambler Machine Co. (Top Slitters), Lawrence, Mass.
Hobbs Mfg. Co., Worcester, Mass.
Jacques Jno. & Son (For Paper Box Covering & Trimming), Worcester, Mass.
Jolly J. & W., Holyoke, Mass.
Kidder Press Co., Dover, N. H.
Knowlton M. D. Co. (Also Cardboard), 26 Elizabeth, Rochester, N. Y.
Koegel Chas. & Sons, Holyoke, Mass.
Krauth & Benninghofen (Slitters), Hamilton, O.
Langston Samuel M. Co., Camden, N J.
Marshall Son & Co. (For Roll Paper), 226 Purchase, Boston, Mass.
Meisel Press Mfg. Co., 942 Dorchester av, Boston Mass.
Moore & White Co., N 15th & Lehigh av, Phila., Pa.
Rice, Barton & Fales Machine & Iron Co., Worcester, Mass.

8738—Paper Stapling Machines

Acme Staple Co. (Ltd.), (For Bookbinders), Camden, N. J.
Hotchkiss E. H. Co., Norwalk, Conn.

Paper Stock Cutting Machines

See Rag Cutting Machines

8739—Paper Stock Thickening Machines

Ticonderoga Machine Works, Ticonderoga, N. Y.

8740—Paper Tapeing Machines

New England Butt Co. (For Covering Wire with Paper), 304 Pearl, Providence, R. I.

8741—Paper Towel Machinery

Dietz Machine Works (Perforating, Slitting & Rewinding), 126 Fontain, Phila., Pa.

8742—Paper Tube Machines

BECK CHAS. CO. (Rolling & Cutting), 607 Chestnut, Phila., Pa.
See adv index at end of book
Dietz Machine Works, 126 Fontain, Philadelphia, Pa.
Grissinger Machine Works (Automatic), 904 Quarry, Phila., Pa.
Griswold George M. Machine Co. (Semi-Automatic), New Haven, Conn.
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.
Leffler Chas. & Co. (Spiral Tube Winding), 59 Clymer, Brooklyn, N. Y.
See adv index at end of book
Paper Working Machines Co., Ave. U, Brooklyn, N.

8743—Paper Twine & Cordage Machinery

Brownell G. L., Worcester, Mass.

8744—Paper & Pulp Mill Machinery

Appleton Machine Co., Appleton, Wis.
Bagley & Sewall Co., Watertown, N. Y.
Baker Mfg. Corp., Saratoga Springs, N. Y.
Beloit Iron Works, Beloit, Wis.
Bigelow Cheney Wire Works, Springfield, Mass.
BIGGS BOILER WORKS CO. (Rotary Bleaching Boilers), Case av & Williams, Akron, O.
See adv index at end of book
Bird Machine Co., East Walpole, Mass.
Black-Clawson Co., Hamilton, O.
Carthage Machine Co., Carthage, N. Y.
Claflin Engng. Co., Lancaster, Ohio
Clark H. C. & Son Machine Co., Lee, Mass.
Dayton Beater & Hoist Co., Dayton, Ohio
Dayton Globe Iron Works Co., Dayton, O.
Dillon Machine Co., Lawrence, Mass.
Dilts Machine Works, (Inc.), Fulton, N. Y.
Dix Chas. B., Glens Falls, N. Y.
Door Co. (Causticizing Equipment), 1009 17th, Denver, Colo.
Downingtown Mfg. Co., East Downingtown, Pa.
Emerson Mfg. Co., Lawrence, Mass.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Farrel Foundry & Machine Co. ("Calenders"), Ansonia, Conn.
Fulton Machine & Vise Co., Lowville, N. Y.
Glens Falls Machine Works, Glens Falls, N. Y.
Hankey A. & Co. (Paper Mill Engines, Bars & Plate), Bourse, Phila., Pa.
Holyoke Machine Co., Holyoke, Mass.
Horne J. H. & Sons Co., Lawrence, Mass.
Improved Paper Machinery Co., Nashua, N. H.
International Process Co., 5 Beekman, New York
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Jolly J. & W., Holyoke, Mass.
Jones E. D. & Sons Co., Pittsfield, Mass.
Kaukauna Machine Works, Kaukauna, Wis.
Koegel Chas. & Sons (Paper Slitters, Slitter Grinders & Slitter Blades), Holyoke, Mass.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
Mills Machine Co., Lawrence, Mass.
Moore & White Co., N 15th & Lehigh, Phila., Pa.
Murray D. J. Mfg. Co., Wausau, Wis.
Noble & Wood Machine Co., Hoosick Falls, N. Y.
Norwood Engineering Co. (Paper Finishing Machinery), Florence, Mass.
Penney J. W. & Son Co., Mechanic Falls, Me.
Perkins B. F. & Son, Holyoke, Mass.
Portland Co., Portland, Me.
Portland Iron Works, 14th & Northrup, Portland, Ore.
Pusey & Jones Co., ft Poplar, Wilmington, Del.
Rice Barton & Fales Machine & Iron Co., Worcester, Mass.
Sandusky Foundry & Machine Co., Sandusky, O.
Sandy Hill Iron & Brass Works, Hudson Falls, N. Y.
Scott Olin (Est. of) (Wood Pulp), Bennington, Vt.
Shartle Bros. Machine Co., Middletown, Ohio
Smith & Winchester Mfg. Co., South Windham, Conn.
Stellman L. H. & Son, Brattleboro, Vt.
Thompson Mfg. Co., Lancaster, N. H.
Ticonderoga Machine Works, Ticonderoga, N. Y.
Union Iron Works, Bangor, Me.
Union Machine Co., Fitchburg, Mass.
Valley Iron Works Co., Appleton, Wis.
WERNER & PFLEIDERER CO. (Paper Pulp Machines, Rapid Dissolvers, etc), 1232 N Niagara, Saginaw, Mich.
See adv index at end of book
Witham Co., Hoosick Falls, N. Y.

The Biggs Globe and Cylinder Rotary Bleaching Boilers for Paper Mills

We have specialized in Rotary Boilers for the last 30 years. Made in all Sizes.

WRITE FOR PRICES
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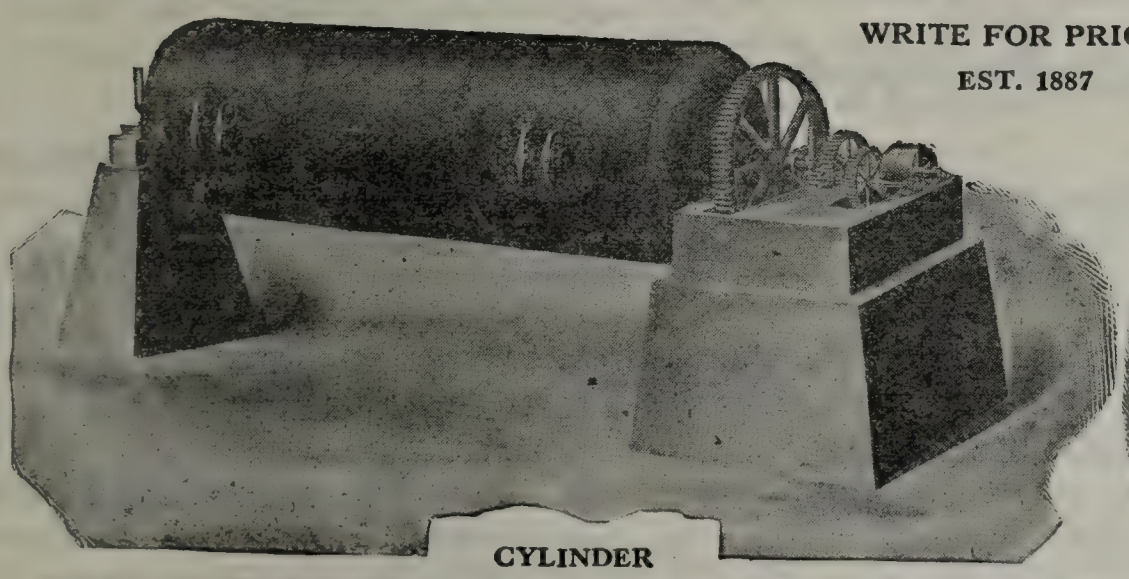
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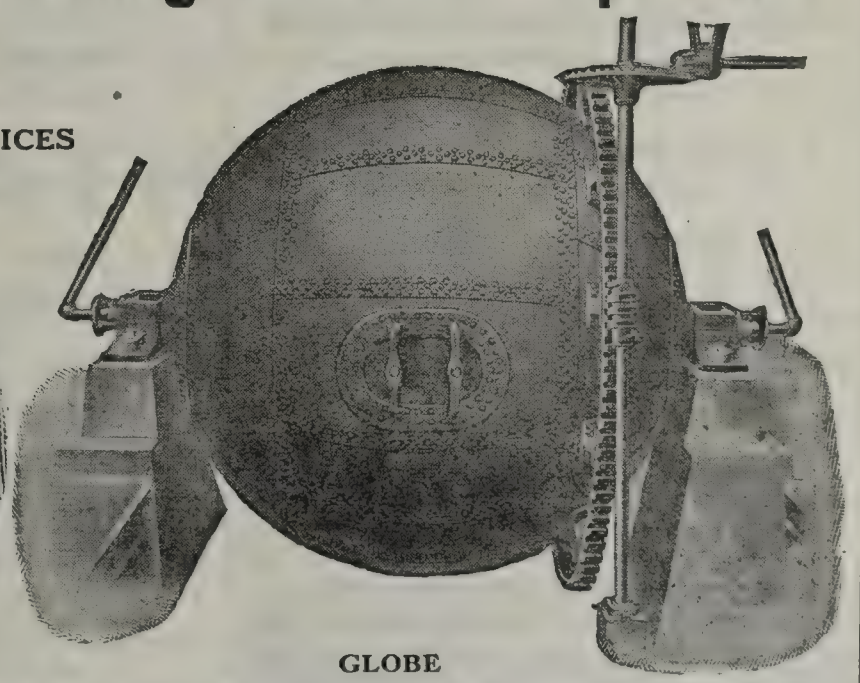

GLOBE

THE BIGGS BOILER WORKS CO., Case Ave. and Williams St., AKRON, OHIO, U. S. A.

8745— Papering Machines

BECK CHAS. CO., 607 Chestnut, Phila., Pa.
See adv index at end of book
Knowlton M. D. Co. (Paper Box), 26 Elizabeth. Rocheseter, N. Y.

8746—Paraffine Wax Machinery

Patterson Foundry & Machine Co., East Liverpool, O.

8747— Paraffining Machines

Black-Clawson Co. (Saturating for Sheets), Hamilton, O.
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.
Waldron Jno. Co.. New Brunswick, N. J.

8748—Paste Mixing Machines

Acton John, 118 John, Brooklyn, N. Y.
Day J. H. Co., Cincinnati, O.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.

8749— Pasteurizing Machines

Adt Jno. B. Co. (Beer), 340 N Holliday, Baltimore, Md.
Barry-Wehmiller Machinery Co. ("National"), 6501 Florissant av, St. Louis, Mo.
Hydraulic Press Mfg. Co., Mt. Gilead, O.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Loew Mfg. Co. ("New Era," "Monitor," Beer; also "In-the-Bottle"-Milk), 9100 Madison av, N W, Cleveland, O.
Magnus A. Sons Co. ("Ruff Simplex" Auto Positive), 327 W Randolph, Chicago, Ill.
Miller Pasteurizing Machine Co. ("Miller"), Canton, O.
Twentieth Century Machinery Co., Nat'l Bk. bldg, Milwaukee, Wis.

8750— Pasting Machines

Black-Clawson Co. (Sheet & Roll), Hamilton, O.
Potdevin Machine Co., 253 36th, Brooklyn, N. Y.
Prior A. G. (Inc.) ("Universal"), 665 Broad, Newark, N. J.

8751—Pasting Machines (Paper, Cloth, Leather, Etc.)

BECK CHAS. CO., 607 Chestnut, Phila., Pa.
See adv index at end of book
Knowlton M. D. Co. (Also Cardboard), 26 Elizabeth, Rochester, N. Y.

8752—*Pattern Drawing Machines

SNEAD & CO. IRON WORKS ("Macdonald"), 98 Pine, Jersey City, N. J.
See adv index at end of book

Pattern Letter Plate Embossing Machines

See Pressses, Type Embossing

Pattern Makers' Machinery

See Lathes, Pattern Makers'

8753—Pattern Shop Sawing Machines

Baker Bros., Toledo, O.
Bentel & Margedant Co., Hamilton, O.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Hobbs Mfg. Co., Worcester, Mass.
Oliver Machinery Co. (Band Saws), Grand Rapids, Mich.
West Side Iron Works (Band Sawing Machines), Grand Rapids, Mich.

When writing to firms listed in this book please, mention HENDRICKS' COMMERCIAL REGISTER

8753a—Paving Machinery (Asphalt Plant)

See also Asphalt Machy. in this section
Cummer F. D. & Son Co., Superior Arcade, Cleveland, O. *See adv index at end of book*

CUMMER PORTABLE ROAD PLANTS AND STATIONARY PLANTS
ALL SIZES
THE F. D. CUMMER & SON CO.
Cleveland, Ohio, U. S. A.

8754—Pea Canners' Machinery

Invincible Grain Cleaner Co. (Invincible), Silver Creek, N. Y.
Robins A. K. & Co., 116 Market pl, Baltimore, Md.
Sprague Canning Machinery Co. (For Canners), 222 N Wabash av, Chicago, Ill.

8755—Pea Feeding Machines

White I. N., Mount Morris, N. Y.

Pea Harvesting Machinery

See Harvesters, Bean & Pea

8756—Pea Hulling Machinery

See Hullers, Bean & Pea
Chisholm-Scott Co., Cadiz, O.

8757—Peach Pitting Machines

Huntley Mfg. Co., ("Monitor"), Silver Creek, N. Y.
Sprague Canning Machinery Co. (For Canners), 222 N Wabash av, Chicago, Ill.

8758—Peanut Butter Machinery

Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

8759— Peanut Machinery

Appomatox Iron Works & Supply Co., Petersburg, Va.
Ayers J. R. Petersburg, Va.
Cardwell Machine Co. (Pickers & Cleaners, Shellers & Separators), 1900 E Cary, Richmond, Va.
Howes S. Co. (For Cleaning, Grading & Separating). Silver Creek, N. Y.
Huntley Mfg. Co., ("Monitor" Cleaning, Grading, Separators, Aspirators), Silver Creek, N. Y.
Johnson & Field Mfg. Co., Racine, Wis.
Lambert Machine Co. (Butter), Marshall, Mich.
Stratton & Bragg Co. (Picker, Cleaners, etc.), Petersburg, Va.
Straub A. W. Co., Phila., Pa.

Peanut Roasting Machines

See Coffee, Peanut & Cocoa Bean Roasting Machines

8760—Pearl Button Machinery & Tools

Holub-Dusha Co., 1799 1st av, New York

8760a—Pearling Machinery (Barley, Pepper, Etc.)

Bartlett C. O. & Snow Co., French st, Cleveland, O. *See adv index at end of book*

8760b—Peat Excavating Machinery

Buckeye Traction Ditcher Co., Findlay, O.

8761—Peat Fuel Machinery

American Process Co., 68 William, New York
Buckeye Traction Ditcher Co. (Excavating for Fertilizer Filler, Peat Fuel and other Peat Products), Findlay, O.
Manitowoc Engng. Works, Manitowoc, Wis.

Peeling Machines (Fruit & Vegetable)

See Parers, Fruit & Vegetable

8761a—*Pencil Composition Mixing Machines

Werner & Pfleiderer Co., 1232 No. Niagara, Saginaw, Mich.
See adv index at end of book

8762— Perforating Machines

American Perforator Co., 621 W Jackson blvd, Chicago, Ill.
See adv index at end of book

PERFORATING MACHINES. DATING, NUMBERING, RECEIPTING, CANCELLING, POSTAGE STAMP PROTECTING, ETC., ETC.
AMERICAN PERFORATOR COMPANY
621 W. Jackson Boulevard, Chicago

Asam Bros., Phila., Pa.
Burton A. G. Son ("Universal-Peerless"), 118 S Clinton, Chicago, Ill.
Cummins B. F. Co. ("Chicago" Hand, for Check, R. R. Ticket Dating, etc), 4740 W. Ravenswood av, Chicago, Ill.
Griswold George M. Machine Co. (Paper), New Haven, Conn.
Hearne Robert J., 12 Wooster, New York
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Jonas Chas. S. & Bro., 125 Worth, New York
Kahan Mach. Works, 12 N Market, Chicago, Ill.
Latham Machinery Co. ("Monitor," for Paper, etc), 1153 Fulton, Chicago, Ill.
Long & Allstatter Co. (Sheet Metal), Hamilton, O.
Matthews James H. & Co., 3942 Forbes, Pittsburgh, Pa.
NIAGARA MACHINE & TOOL WORKS, (For Sheet Metal), Buffalo, N. Y.
See adv index at end of book
Roberts Numbering Machine Co., 706 Jamaica av, Brooklyn, N. Y.
Rosback F. P. Co. (Paper), Benton Harbor, Mich.
Tatum Sam'l C. Co. (Paper), Cincinnati, O.

8763—*Petroleum Can Machinery

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y *See adv index at end of book*

8764—Pharmaceutical Machinery

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
Colton Arthur Co., Jefferson & Chene, Detroit, Mich.
Stokes F. J. Machine Co. (Dryers, Stills, Kettles, Mills, Emulsifiers, Tablet, Pill & Capsule Machinery, etc), 17th & Cambria, Phila., Pa.
Superior Mach. & Engng. Co., Detroit, Mich.
WERNER PFLEIDERER CO., 1232 No. Niagara, Saginaw, Mich.
See adv index at end of book

8765—Phosphate Mill Machinery

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
Georgia Iron Works, Augusta, Ga.
Holmes & Blanchard Co., 31 State, Boston, Mass.
Kehoe Iron Works, Savannah, Ga.
Ocala Iron Works, Ocala, Fla.
Poole Engineering & Machine Co., Woodbury Station, Baltimore, Md.
Walker & Elliott, 2nd & Lombard, Wilmington, Del.

8766—Photo Engravers' Machinery

Ostrander-Seymour Co., 7 S Dearborn, Chicago, Ill.
Royle John & Sons, Paterson, N. J.
Wesel F. Mfg. Co., 70 Cranberry, Brooklyn, N. Y.

8767—Photo Mount Beveling Machines

Dietz Machine Works, 126 Fontain, Phila., Pa.

8767a—Photo-Transfering Machines

Fuch & Lang Mfg. Co. (For Making Photo Transfers in Duplicate Direct for Offset Press), 119 W 40th., New York

8768—Photograph Card Beveling Machines

Dietz Machine Works, 126 Fontain, Phila., Pa.

8769—Photograph Machines

Chicago Ferrotype Co. ("Wonder Cannon" & Cameras "One-Minute"), 1455 W Congress, Chicago, Ill.

8770—Photographic Copying Machines

Cameragraph Co. ("Cameragraph"), 906 Baltimore av, Kansas City, Mo.
Commercial Camera Co. ("Photostat"), Rochester, N. Y.
Machine Mfg. & Engineering Co., Council Bluffs, Ia.
Rectigraph Co., Rochester, N. Y.

8770a— *Photographic Film Machinery

Werner & Pfleiderer Co., 1232 No. Niagara, Saginaw, Mich.
See adv index at end of book

8771—Piano Action Machinery

Howes Forest E., 307 Atlantic av, Boston, Mass.
Nilson A. H. Machine Co. (Semi-Automatic), Bridgeport, Conn.
Redin, Ekstrom & Co., Rockford, Ill.

8772—Pick Eye Forging Machines

Birmingham Iron Foundry, Derby, Conn.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

8773—Picket Heading & Pointing Machines

Chapman's T. M. Sons Co., Old Town, Me.
Hall & Brown Woodworking Machine Co., 1913 N B'way, St. Louis, Mo.
Yates P. B. Machine Co., Beloit, Wis.

8774— Pickling Machines

Anderson Foundry & Machine Works (Tin Plate), Anderson, Ind.
Howard Iron Works (Metal-Goods Washing & Pickling), Buffalo, N. Y.

PICKLING MACHINES

For Pickling Products of

IRON—STEEL—BRASS—COPPER

[Regardless of Size or Shape]

(Write for Bulletin M)

Mesta Machine Company

PITTSBURGH, PA., U. S. A.

8775—Picture Frame Machinery

McFarlan & Spiker Mfg. Co., Colerain & Dorman, Cincinnati, O.
Rockford Mitre Box Co. ("Star"), Rockford, Ill.

8776—Pie Making Machines (Automatic)

Colborne Mfg. Co., 157 W Division, Chicago, Ill.

8777—*Pieced Tinware Machinery

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

8778—Pig Iron Casting Machines

Weimer Machine Works Co., Lebanon, Pa.

Pile Driving Machinery

See Pile Driving Engines, Derricks, Hammers; Pneumatic Pile Drivers; Pile Drivers, Railroad Car, etc.

8779—Pill Coating Machines

Colton Arthur Co. (Automatic), Jefferson & Chine, Detroit, Mich.
Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.

8780— Pill Making Machines

See also Tablet Machines

Colton Arthur Co. (Automatic), Jefferson & Chene, Detroit, Mich.
Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.

Pin Machinery

See Hook & Eye Machines

8781—Pin Pointing Machinery

Baird Machine Co. ("Automatic"), Bridgeport, Conn.
Mannville E. J. Mach. Co., Waterbury, Conn.

8782—Pin Sticking Machines

Baird Machine Co. ("Automatic"), Bridgeport, Conn.

8783— Pineapple Machinery

Lewis E. J. (Peeling), Middleport, N. Y.
Mitchell Jno. R. Co. (Graters, Sizes, etc), 702 S Washington, Baltimore, Md.
Sinclair-Scott Co., B. & O. R. R., Wells & Patapsco, Baltimore, Md.
Sprague Canning Machinery Co. (For Canners), 222 N Wabash av, Chicago, Ill.
Stevenson & Co., 607 S Caroline, Baltimore, Md.
Zastrow Geo. W., 1410 Thames, Baltimore, Md.

8784—Pinion Cutting Machines

See also Gear Cutting Machines

Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
STARK TOOL CO. (Automatic, Cuts Pinion 1-16 to 5-8), Waltham, Mass. *See adv index at end of book*

8785—Pinion Polishing Machines

STARK TOOL CO. ("Stark," Rotary Leaf), Waltham Mass. *See adv index at end of book*

8786—Pinion & Wheel Cutting Machines

STARK TOOL CO. (Cuts from 1-16 to 4 Inches in Diameter), Waltham, Mass. *See adv index at end of book*

8787—Pinking & Scalloping Machines

Ahlstrom O. J., 711 B'way, New York
Durbrow & Hearne Mfg. Co., 12 Wooster, New York
Hannum H. A. & Co., 303 Wallace, Syracuse, N. Y.
Lindner & Vradenburgh (Pinking), 239 Centre, New York
Osborne C. S. & Co. ("C. S. O. & Co." for Harness Makers, etc), Harrison, N. J.
Oswego Machine Works, Oswego, N. Y.
Rotary File & Machine Co. (Pinking Machine Only), 200 Diamond, Brooklyn, N. Y.
Smith & Winchester Mfg. Co., South Windham, Conn.

8788—Pipe Bending Machines

American Pipe Bending Machine Co., 39 Pearl, Boston, Mass.
Cox J. Fillmore & Co., Bayonne, N. J.
Pedrick Tool & Machine Co., 3642 N Lawrence, Phila., Pa.
Pipe Machy. Co. (Pipe Mill), Cleveland, O.
Riverside Machine Co., Chester, Pa.
Standard Engineering Co., Elwood City, Pa.
Underwood H. B. & Co., 1024 Hamilton, Phila., Pa.
Wallace Supplies Mfg. Co. (Hand Power), 412 Orleans, Chicago, Ill.

INFORMATION

The publishers of the Register are willing at all times to give all possible information pertaining to the products of their advertisers

Advertisers in the Register are invited to supply the publishers with catalogues or other information likely to be of interest to possible buyers

THE ARMSTRONG MANUFACTURING CO.

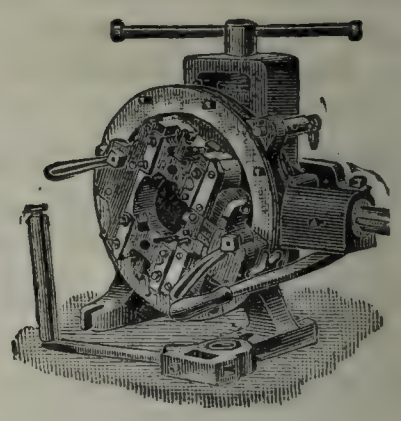
278 Knowlton St., BRIDGEPORT, CONN.

248 CANAL ST., NEW YORK

ARMSTRONG PIPE THREADING MACHINE

FOR HAND OR POWER

Made in 5 Sizes—No. 0 and 00, use our Celebrated Dies either for Pipe or Bolt.
No. 1, 1½ and 3 use Bits designed for these machines.
SEND FOR CATALOG 13A.



PIPE BENDING MACHINES—continued

Walworth Mfg. Co., Boston, Mass.
Wells Frank L. Co. ("Simmons," for Brass & Steel Pipe), Kenosha, Wis.

8789—Pipe Calking Machines

Smith A. P. Mfg. Co. ("O'Neil" Steam), East Orange, N. J.

8790—Pipe Crushing & Shearing Machines (Combined)

United Engineering & Fdry. Co., 307 5th av, Pittsburgh, Pa.

8791—Pipe Cutter & Die Grinding Machines

See also Grinders, Die

Bignall & Keeler Mfg. Co. ("B. & K."), Edwardsville, Ill.
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
Murchey Machine & Tool Co., Detroit, Mich.

8792—Pipe Cutting & Threading Machines

See also Cutters, Pipe

ARMSTRONG MFG. CO. ("Armstrong"), 278 Knowlton, Bridgeport, Conn. *See adv index at end of book*
Bignall & Keeler Machine Wks. ("Peerless," "P. D. Q. C.," "Duplex"), Edwardsville, Ill.
BORDEN CO. THE ("Beaver," Hand), Warren, O. *See adv index at end of book*
Clow Jas. B. & Sons (Portable), Franklin & Harrison, Chicago, Ill.
Cox & Sons Co. (Motor, Belt, Engine, Steam or Compressed Air Driven & Constant Variable Speed), 5th & Chestnut, Phila., Pa.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Curtis & Curtis Co. ("Forbes," Hand & Power), Bridgeport, Conn.
Detrick & Harvey Machine Co. (Pipe Threading Only), 508 E Preston, Baltimore, Md.
Fox Machine Co. (Cutting Machines Only), Jackson, Mich.
Fremont Mfg. Co., Fremont, Mich.
GREENFIELD TAP & DIE CORP'N ("G. T. D." with Automatic Die Heads, Hand & Power), Greenfield, Mass. *See adv index at end of book*
Hart Mfg. Co. (Hand), Cleveland, O.
Jarecki Mfg. Co., Erie, Pa.
Johnston Wm. I. Co. (Lathecut), 3d & Vine, Cincinnati, O.
Landis Machine Co. ("Landis," Threading), Waynesboro, Pa.
Larick-Stough Co., Frankfort, Ind.
Loew Mfg. Co., 9100 Madison av, N. W., Cleveland, O.
McMann & Taylor Co., 104 John, New York. *See adv index at end of book*
Merrell Mfg. Co. ("Apex," "Merrell"), 278 Curtis, Toledo, O.
Murchey Machine & Tool Co. (For Nipple & Pipe Threading; also Rapid Roller Pipe Cutters), Detroit, Mich
National Machy. Co. (Pipe Threaders), Tiffin, O.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Oster Mfg. Co., Cleveland, O.
Outlet Cutter Sales Co., 507 5th av, New York
Pipe Machy. Co. (⅛ to 12 in), Cleveland, Ohio
Prentiss Henry & Co. (Inc.), (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York
See adv index at end of book
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Sandusky Foundry & Machine Co., Sandusky, O.
San Francisco Eng. Co., 322 6th, San Francisco, Cal.
Saunders D. Sons ("I. X. L."), Yonkers, N. Y.
Smith A. P. Mfg. Co. ("French," Pipe Cutting Machines), East Orange, N. J.
Standard Engng. Co. ("Standard Wieland" "Mill Type" Threading), Elwood City, Pa.
Taylor-Wilson Mfg. Co. (For Pipe & Tube Mills, etc), McKees Rocks, Pa.
Treadwell Engineering Co., Easton, Pa.
United Engng. & Fdry. Co., 307 5th av, Pittsburgh, Pa.
Universal Machine Co. ("Wilson"), Bowling Green, O.
Walworth Mfg. Co., Boston, Mass.
Williams Tool Co. (Pipe Cutting & Threading), Erie, Pa.

8793—Pipe Expanding & Flanging Machinery

Patterson-Allen Engineering Co. (Hydraulic), 2 Rector, New York
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.
See adv index at end of book

8794—Pipe Polishing Machines

Standard Engineering Co., Ellwood City, Pa.

8794a—Pipe Screwing Machines

Buckeye Traction Ditcher Co. (For Large Pipes), Findlay, O.

Pipe Threading Machines

See Pipe Cutting & Threading Machines

8794b—*Pipe Threading & Cutting Machines

See also Pipe Cutting & Threading Machines.

LANDIS MACHINE CO., Waynesboro, Pa.

8794b—*Pipe & Nipple Threading Machines

LANDIS MACHINE CO., Waynesboro, Pa.

8795—Pipe & Tube Mill Machinery

Bignall & Keeler Machine Works ("Peerless," "Duplex" & "P. D. Q. C."), Edwardsville, Ill.
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
Garrison A. Foundry Co. (Butt & Lap Weld Tube Mill), 901 Bingham, Pittsburgh, Pa.
Kane & Roach, Syracuse, N. Y.
Morgan Construction Co., Worcester, Mass.
Rosedale Fdry. & Mach. Co., Columbus & Preble, Pittsburgh, Pa.
Standard Engng. Co., Elwood City, Pa.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
United Engng. & Fdry. Co., 307 5th av, Pittsburgh, Pa.

8796—Pipe & Tube Straightening Machines

Brightman Mfg. Co., Columbus, O.
Etna Machine Co., Toledo, O.
Logemann Bros. Co. (Hydraulic), 3130 Burleigh, Milwaukee, Wis.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

8797—Piston & Piston Ring Machines (Automatic)

Potter & Johnston Machine Co., Pawtucket, R. I.

8798— Pitching Machines

Cleveland Brewers Supply Co. ("Waibel's" Pitching & Spraying), 1506 W 25th, Cleveland, O.
Eureka Machine Co., Cleveland, O.
Kaestner & Hecht Co., 500 Throop, Chicago, Ill.
National Machine Works, 1559 Sheffield av, Chicago, Ill.
Pawling & Harnischfeger Co. ("Milwaukee"), Milwaukee, Wis.
Rauh David (Automatic Imported), 308 Elizabeth, Newark, N. J.
Torchiani H. ("Ideal" Aucbrenner), 140 N Dearborn, Chicago, Ill.
Zunner Machine Co., Rochester, N. Y.

8799—Pivot Polishing Machines

Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
STARK TOOL CO. ("Stark," Wig-Wag & Rotary Leaf), Waltham, Mass.
See adv index at end of book

8800—Placer Mining Machinery

Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
United Iron Works, Oakland, Cal.

8801—Planing Machines (Angle)

HILLS & JONES CO., East Wilmington, Del. *See adv index at end of book*

8802—Planing Machines (Bench)

Bartlett E. E. ("Federal") 326 A, Boston, Mass.
Fay J. A. & Egan Co. (Hand), Cincinnati, Ohio
Wallace J. D. & Co. (Wood), 1401 W Jackson blvd, Chicago, Ill.

8803—Planing Machines (Buzz)

See also Planing Machines, Wood

American Wood Working Machinery Co., Rochester, N. Y.
Carey W. W. Co., Lowell, Mass.
Central Machine Works Co., 1234 Central av, Minneapolis, Minn.
Colladay Jos. O., 626 Race, Phila., Pa.
Cordesman-Rechtin Co., Butler, Cincinnati, O.
Crescent Machine Co., Leetonia, O.
Frank Machinery Co., Buffalo, N. Y.
Hall & Brown Wood Working Machine Co., 1913 N B'way, St. Louis, Mo.

Holmes E. & B. Machinery Co., Buffalo, N. Y.
National Woodworking Machine Co., Dover, N. H.
Oliver Machinery Co., Grand Rapids, Mich.
Porter C. O. Machinery Co. ("Porter" Hand Joint), Grand Rapids, Mich.
Sidney Tool Co., Sidney, O.
Silver Mfg. Co., Salem, O.
Smith H. B. Machine Co., Smithville, N. J.
Union Iron Works, Bangor, Me.
Woods S. A. Machine Co. ("The Planers of Woods"), Boston, Mass.
Yates P. B. Machine Co., Beloit, Wis.

8804—Planing Machines (Crank)

Newton Machine Tool Works, 23d & Vine, Phila., Pa.

8805—Planing Machines (Fluting Feed Rod)

Woodward & Powell Planer Co. (For Textile Machines), Worcester, Mass.

8806—Planing Machines for Steel Foundries

Wetherill R. & Co., Chester, Pa.

8807-8—Planing Machines (Frog & Switch)

Cincinnati Planer Co., Cincinnati, O.
Cleveland Planer Works, Cleveland, O.
Liberty Machine Tool Co., Hamilton, O.
Niles-Bement-Pond Co., 111 B'way, New York
Woodward & Powell Planer Co., Worcester, Mass.

8809—Planing Machines (Hand & Foot Power)

Bentel & Margedant Co. (Hand), Hamilton, O.
Shepard Lathe Co., Canal & Jackson, Cincinnati, O.
Yates P. B. Machine Co., Beloit, Wis.

8810—Planing Machines (Heading)

Oram Jno. S. Co., Cleveland, O.
Rochester Barrel Machine Works, Rochester, N. Y.
Trevor Mfg. Co., Lockport, N. Y.

8811—Planing Machines (Hydraulic)

Burroughs Chas. Co., 141 Commerce, Newark, N. J.

8812—Planing Machines (Locomotive Connecting Rod)

Cincinnati Planer Co., Cincinnati, O.
Woodward & Powell Planer Co., Worcester, Mass.

8813—Planing Machines (Locomotive Cylinder)

Cincinnati Planer Co., Cincinnati, O.
Liberty Machine Tool Co., Hamilton, O.
Morton Mfg. Co., Muskegon, Mich.

8814—Planing Machines (Metal Working)

American Tool Works Co., Cincinnati, O.
Betts Machine Co., Maryland av & South, Wilmington, Del.
Bickett Machine & Mfg. Co., Cincinnati, O.
CINCINNATI PLANER CO., Cincinnati, O.

When writing to firms whose names appear in this book please mention
HENDRICKS' COMMERCIAL REGISTER.

Cincinnati Shaper Co., (Crank), Elam & Garrard, Cincinnati, O.
Cleveland Planer Works (Open Side), Cleveland, O.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Detrick & Harvey Machine Co., 508 E Preston, Baltimore, Md.
Gray G. A. Co., Cincinnati, O.
Hamilton Machine Tool Co. (24 to 96 inches), Hamilton, O.
Liberty Machine Tool Co., Hamilton, O.
Morton Mfg. Co. (Portable), Muskegon Heights, Mich.
Niles-Bement-Pond Co., 111 B'way, New York
Ohio Machine Tool Co. ("Ohio," 22x22 inches, up to 56x48 inches), Kenton, O.
Powell Machine Co., 243 Stafford, Worcester, Mass.
PRENTISS HENRY & CO., INC. (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York
See adv index at end of book
Putnam Machine Co., Fitchburg, Mass.
Rockford Machine Tool Co. ("Rockford" Single Geared Crank, Back Geared Crank, etc), Rockford, Ill.
Ryerson Jos. T. & Son ("Rockford"), 2558 W 16th, Chicago, Ill.
See adv index at end of book
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
SIMMONS MACHINE CO., INC., 987 B'way, Albany, N. Y.
See adv index at end of book
Whitcomb-Blaisdell Machine Tool Co., Worcester, Mass.
Wilson W. A. Machine Co., Rochester, N. Y.
Woodward & Powell Planer Co. ("Hy-Speed" Accelerating High Cutting Speed), Worcester, Mass.

8815—Planing Machines (Open Side)

Cleveland Planer Works ("Cleveland") Cleveland, O.
Detrick & Harvey Machine Co. (Also Convertible & Double Housing), 508 E Preston, Baltimore, Md.
Niles-Bement-Pond Co., 111 B'way, New York
SIMMONS MACHINE CO., INC., 987 B'way, Albany, N. Y.
See adv index at end of book

8816—Planing Machines (Plate)

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Niles-Bement-Pond Co., 111 B'way, New York
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.

8817—Planing Machines (Pony)

See also Planing Machines, Wood

American Sawmill Machinery Co., Hackettstown, N. J.
American Wood Working Machinery Co., Rochester, N. Y.
Central Machine Works Co., 1234 Central av, Minneapolis, Minn.
Connell & Dengler Machine Co., Rochester, N. Y.
Crescent Machine Co., Leetonia, O.
De Loach Mill Mfg. Co., Bridgeport, Ala.
Fay J. A. & Egan Co., Cincinnati, O.
Frank Machinery Co., Buffalo, N. Y.
Hall & Brown Wood Working Machine Co., 1913 N B'way, St. Louis, Mo.
Holmes E. & B. Machinery Co., Buffalo, N. Y.
Howell R. R. & Co., 31st av, Minneapolis, Minn.
Jones Superior Machine Co. ("Superior"), 1264 W North av, Chicago, Ill.
Lane Mfg. Co., Montpelier, Vt.
Oliver Machinery Co., Grand Rapids, Mich.
Porter C. O. Machinery Co., Grand Rapids, Mich.
Power L. & Co., 20 S 23d, Phila., Pa.
Sidney Tool Co., Sidney, O.
Union Iron Works, Bangor, Me.
Yates P. B. Machine Co., Beloit, Wis.

8818—Planing Machines (Rail)

Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
Vixen Tool Co., 50th & Lancaster av, Phila., Pa.

8819—Planing Machines (Rotary)

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Newton Machine Tool Works (Portable & Stationary), 23 Vine, Phila., Pa.
Niles-Bement-Pond Co., 111 B'way, New York
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
SIMMONS MACHINE CO., INC., 987 B'way, Albany, N. Y. *See adv index at end of book*
Underwood H. B. & Co. (Boring Bars), 1023 Hamilton, Phila., Pa.
Whiting Geo. Co., 1719 Elston av, Chicago, Ill.

8820—Planing Machines (Slate)

See also Machinery, Slate

Ruggles Machine Co., Poultney, Vt.

8821—Planing Machines (Stave)

Oram John S. Co., Cleveland, O.
Rochester Barrel Machine Co., Rochester, N. Y.

8822—Planing Machines (Stone)

See also Machinery, Stone Working

Birmingham Iron Foundry (Regular with Four Heads; also Open Side), Derby, Conn.
Farrel Fdry & Machine Co., Ansonia, Conn.
Lincoln Iron Works ("Gilmour"), Rutland, Vt.
New Albany Machine Mfg. Co., New Albany, Ind.
Patch F. R. Mfg. Co., Rutland, Vt.
Ruggles Machine Co. ("Ruggles" for Soft Stone), Poultney, Vt.

8823—Planing Machines (Traveling Bed)

Chase Turbine Mfg. Co. (Planers 24 in. Wide to 12-in. Thick), Orange, Mass.
Yates P. B. Machine Co., Beloit, Wis.

8824—Planing Machines (Wood)

American Sawmill Machinery Co., Hackettstown, N. J.
American Wood Working Machinery Co., Rochester, N. Y.
Baxter Machine Co., Lebanon, N. H.
Bentel & Margedant Co., Hamilton, O.
Colladay Jos. O. Co., 626 Race, Phila., Pa.
Cordesman-Rechtin Co., Butler, Cincinnati, Ohio
Crescent Machine Co., Leetonia, O.
Defiance Machine Works, Defiance, O.
De Loach Mill Mfg. Co., Bridgeport, Ala.
Falls Machine Co., Sheboygan Falls, Wis.
Fay J. A. & Egan Co., Cincinnati, O.
Fisher & Davis Mfg. Co. ("Little Giant"), 934 N First, St. Louis, Mo.
Frank Machinery Co., Buffalo, N. Y.
Gerlach Peter Co. (Single, Double & Four Sided for Chair. Furniture, Box Board, Staves & Heading, etc.), 1712 Winter, Cleveland, O.
Hall & Brown Woodworking Machine Co., 1913 N B'way, St. Louis, Mo.
Holmes E. & B. Mach'y Co., Buffalo, N. Y.
Howell R. R. & Co., 31st av, Minneapolis, Minn.
Humphrey Machine Co., Keene, N. H.
Jones Superior Machine Co. ("Superior"), 1264 W North av, Chicago, Ill.
Kane & Roach, Syracuse, N. Y.
Kidder R. E. Co., Worcester, Mass.
Lane Mfg. Co., Montpelier, Vt.
Myers Machine Co., Sheboygan, Wis.
National Woodworking Machine Co., Dover, N. H.
Newman Machine Co., Greensboro, N. C.
Oliver Mach'y Co. (Surface), Grand Rapids, Mich.
Power L. & Co., 20 S 23d, Phila., Pa.
Pryibil P. Machine Co., 520 W 41st, New York
Ricker T. H. & Sons Co., Harrison, Me.
Salem Iron Works, Winston-Salem, N. C.
Smith H. B. Machine Co., Smithville, N. J.

PLANING MACHINES (WOOD)—cont'd
Stellman L. H. & Son (Rotary Bed), Brattleboro, Vt.
Stetson-Ross Machine Works, Seattle, Wash.
Strong Carlisle & Hammond Co., 336-344 Frankfort av, N W, Cleveland, O.
Union Iron Works, Bangor, Me.
Wallace J. D. & Co., 1401 W Jackson blvd, Chicago, Ill.
Whitney Baxter D. & Son, Winchendon, Mass.
Woods S. A. Machine Co. ("The Planers of Woods"), Boston, Mass.
Yates P. B. Machine Co., Beloit, Wis.

8825—Planing & Jointing Machines

Oliver Machinery Co. ("Oliver" Hand), Grand Rapids, Mich.

8826—Planing & Matching Machines

American Sawmill Machinery Co., Hackettstown, N. J.
American Wood Working Machinery Co., Rochester, N. Y.
Baldwin, Tuthill & Bolton (Planer, Matcher & Moulder), Grand Rapids, Mich.
Bentel & Margedant Co., Hamilton, O.
Connell & Dengler Mach'y Co., Rochester, N. Y.
Cordesman-Rechtin Co., Butler, Cincinnati, O.
Crescent Machine Co., Leetonia, O.
Curtis & Co., Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Fay J. A. & Egan Co., Cincinnati, O.
Frank Machinery Co., Buffalo, N. Y.
Hall & Brown Wood Working Machine Co., 1913 N B'way, St. Louis, Mo.
Hermance Machine Co., Williamsport, Pa.
Newman Machine Co., Greensboro, N. C.
Power L. & Co., 20 S 23d, Phila., Pa.
Salem Iron Works, Winston Salem, N. C.
Smith H. B. Machine Co., Smithville, N. J.
Stevens C. H. (Est. of), Winooski, Vt.
Woods S. A. Machine Co. ("The Planers of Woods"), Boston, Mass.
Yates P. B. Machine Co., Beloit, Wis.

8827—Plaster Mill Machinery

American Process Co., 68 William, New York
Atlas Engineering Co. (Hydrators, Mixers, Driers, etc), Amherst, Ohio
See adv index at end of book
BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
Butterworth & Lowe, Grand Rapids, Mich.
CROSSLEY MACHINE CO., State & Chestnut, Trenton, N. J.
See adv index at end of book
Dunning W. D. ("Broughton" Plaster & Cement Mixers), Syracuse, N. Y.
Ehrsam J. B. & Sons Mfg. Co., Enterprise, Kan.
Great Western Mfg. Co., Leavenworth, Kan.
Sprout Waldron & Co. (Crushers, Grinders, etc), Muncy, Pa.
Sturtevant Mill Co., Clayton & Park, Dorchester, Boston, Mass.

Plaster of Paris Machinery

See Plaster Mill Machinery; also Stucco Machinery

8828—Plate Glass Machinery

Fischer Foundry Co., 1616 Roland, Pittsburgh, Pa.
HOOVEN OWENS RENTSCHLER CO., Hamilton, O. *See adv index at end of book*
National Roll & Foundry Co. (Polishing, Grinding, Casting Tables, Runner Bars, etc), Avonmore, Pa.
Rosedale Foundry & Mach. Co., Columbus & Preble, Pittsburgh, Pa.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

8829—Plate Scarfing Machines

Detrick & Harvey Machine Co., 508 E Preston, Baltimore, Md.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

8830—Plate Straightening Machinery

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Kane & Roach, Syracuse, N. Y.
Newbold R. S. & Son Co., Norristown, Pa.
Niles-Bement-Pond Co., 111 B'way, New York
Philadelphia Roll & Mach. Co., 25th & Washington av, Philadelphia, Pa.
Rock River Machine Co., Janesville, Wis.
WATSON-STILLMAN. CO., 38 Church, New York *See adv index at end of book*
Wickes Bros., Saginaw, Mich.
See adv index at end of book

8831— Plating Machines

Connecticut Dynamo & Motor Co. ("Rotoplater"), Irvington, N. J.
Munning-Loeb Co. ("Nonesuch"), Matawan, N. J.

8832—Playing Card Machinery

Dietz Machine Works, 126 Fontain, Phila., Pa.

8833—Plow Handle Machinery

Defiance Machine Works, Defiance, O.
Root B. M. Co., York, Pa.

8833a—Plug Cutting Machines

Woods S. A. Machine Co., Boston, Mass.

8834—Pneumatic Boring Machines

Helwig Mfg. Co. ("Helwig" for Metal or Wood), St. Paul, Minn.

8835—Pneumatic Painting Machines

Lederer P. J. Co., 66 Forest av, Buffalo, N. Y.

8836—Pole Handling Machines

CLYDE IRON WORKS (Self-Propelling, for Handling Poles & Heavy Timbers), Duluth, Minn.
See adv index at end of book

8837— Pole Sawing Machines

Appleton Mfg. Co. ("Appleton"), Batavia, Ill.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.

8838— Polishing Machines

See also Lathes, Buffing & Polishing; also Wood Polishing Machines

ABBOTT BALL CO. ("Abbott"), Elmwood Station, Hartford, Conn.
See adv index at end of book
Astle H. J. & Co. ("Boland"), 118 Orange, Providence, R. I.
Baird Machine Co., Bridgeport, Conn.
Blevney Machine Co. ("Blevney" Hand Semi Automatic & Automatic), Greenfield, Mass.
Blount J. G. Co. (Straight & Overhanging), Everett, Mass.
Born J. C. & Bro. ("Crescent"), Belleville, Ill.
Brown & Sharpe Mfg. Co. (and Finish), Providence, R. I.
Builders' Iron Foundry ("Builders"), 9 Codding, Providence, R. I.
Diamond Machine Co. ("Diamond"), Providence, R. I.
Excelsior Tool & Machine Co. (Automatic), 32nd & Ridge, East St. Louis, Ill.
Florence Machine Co., Florence, Mass.
Fox Machine Co., Jackson, Mich.
Garrison A. Foundry Co. (Roll), 901 Bingham, Pittsburgh, Pa.
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Goodell-Pratt Co. (Foot Power), Greenfield, Mass.
Greenfield Tap & Die Corp. ("Wells"), Greenfield, Mass.
See adv index at end of book
Kent Vacuum Cleaner Co. ("Utility"), Rome, N. Y.
Luther Mfg. Co., Olean, N. Y.
McWilliams Thos., 237 Eddy, Providence, R. I.
New Britain Machine Co. ("New Britain"), 190 Chestnut, New Britain, Conn.
Noble & Westerbrook Mfg. Co., Hartford, Conn. *See adv index at end of book*
No Dust Drying Machine Co. ("No Dust"), 157 Durrance, Providence, R. I.
Robinson Automatic Machine Co. (Automatic), Russell & Milwaukee, Detroit, Mich.
Robinson Wm. V. Co., Owasso, Mich.
Smith, Richardson Co. ("Imperial"), Attleboro, Mass.
Stow Flexible Shaft Co. (Portable, Wood & Metal), 26th & Callowhill, Philadelphia, Pa.
Webster & Perks Tool Co., Springfield, Ohio
Weisbecker Francis A. & Sons (For Copper, Steel & Zinc Plates), 22 Frost, Brooklyn, N. Y.

Polishing Machines (Marble)

See Stone Polishing Machines

8839— Pop-Corn Machines

Cretors C. & Co., 620 W 22d, Chicago, Ill.
Dunbar & Co., 2652 W Lake, Chicago, Ill.
Holcomb & Hoke Mfg. Co. ("Butter-Kist"), Indianapolis, Ind.
Long W. Z. Co. (For Fritters Only), Springfield, O.

8840— Porcelain Machinery

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
CROSSLEY MACHINE CO., State & Chestnut av, Trenton, N. J.
See adv index at end of book

8841—Porch Column Boring Machines

Bentel & Margedant, Hamilton, O.

8842—Portable Rip & Swing Cross-Cut Saw Machines.

Ransome-Leach Co., 115 B'way, New York

8843— Post Boring Machines

Bentel & Margedant Co., Hamilton, O.
Cordesman-Rechtin Co., Cincinnati, O.
Fox Machine Co., Butler, Jackson, Mich.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Grand Rapids Hdwe Co., Grand Rapids, Mich.
Jones Superior Machine Co., 1264 W North av, Chicago, Ill.
National Woodworking Machine Co., Dover N. H.
Porter C. O. Machy Co., Grand Rapids, Mich.
Smith H. B. Machine Co., Smithville, N.J.

8844—Postage Stamp Affixing Machines

Mailometer Co., 1093 Jefferson av, Detroit, Mich.
Multipost Co., Rochester, N. Y.
National Automatic Machine Co., Brattleboro, Vt.
New Era Mfg. Co. ("New Era" Stamp Affixer), 450 4th av, New York
Postamper Co., 608 S Dearborn, Chicago, Ill.
Standard Stamp Affixer Co., Sommerville, Mass.

Potato Digging Machine

See Diggers, Potato, with the word Machine following their name.

Potato Peeling Machines

See Parers, Fruit & Vegetable

8845— Pottery Machinery

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
American Clay Machinery Co., S Walnut, Bucyrus, O.
Automatic Tile Machine Co., Cincinnati, O.
Bonnot Company, Canton, O.
CROSSLEY MACHINE CO. (Complete Line), State & Chestnut av, Trenton, N. J. *See adv index at end of book*

Griffith & Wedge Co., Zanesville, O.
International Clay Machy. Co., Dayton, O.
IVENS WM. H. SONS CO., P. O. Box 647, Trenton, N. J.
Knott & Harker Co., Beaver Falls, Pa.
Logan Edw. Machine Co., Trenton, N. J.
Mackenzie's Duncan Sons Co., Trenton, N. J.
Mueller Machine Co., Trenton, N. J.
Patterson Foundry & Machine Co., East Liverpool, O.
Taplin-Rice-Clerkin Co., Akron, O.

8846—Powder Mill Machinery

See also Gun Powder Machinery

Abbe Engineeering Co., 220 B'way, New York *See adv index at end of book*
Blevney Machine Co. ("Blevney"), Greenfield, Mass.
Eyster, Weiser & Co., York, Pa.
Hydraulic Press Mfg. Co. (Hydraulic Presses), Mt. Gilead, O.
Werner & Pfleiderer Co., 1232 N Niagara, Saginaw, Mich.

8846a—Power Transmitting Machinery

See also Power Transmitting Machy., Rope
For Gears, Pulleys, Shafting, Hangers, Bearings, etc., See Index of Contents

ALLIS-CHALMERS MFG. CO., (Mechanical), Milwaukee, Wis.
See adv index at end of book
American Clay Machinery Co., S Walnut, Bucyrus, O.
American Rotary Pump Co. (Rotary Power Engineers, Dock Patents), 67 Hampden, Boston, Mass.
American Tool & Machine Co., 10 High, Boston, Mass.
Atlanta Mfg. & Supply Co., Atlanta, Ga.
Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
Badger Gas & Gasoline Engine Co., Kansas City, Kans.
Baker Machinery Co. (Electric), Des Moines, Iowa
Barnard & Leas Mfg. Co., Moline, Ill.
Barry Co., Muscatine, Iowa
Batavia Engineering Works, Batavia, Ill.
Birmingham Iron Fdry., Derby, Conn.
Bond Chas. Co., 617 Arch, Phila., Pa.
Bond Foundry & Machine Co., Manheim, Pa.
Brightman Machine Co., Cleveland, O.
Brown A. & F. Co., 79 Barclay, New York
Caldwell H. W. & Son Co. ("Caldwell"), 17th & Western av, Chicago, Ill.
CALDWELL W. E. CO., Louisville, Ky.
See adv index at end of book
Carey W. W. Co., Lowell, Mass.
Carpenter Geo. B. & Co., 440 North Wells, Chicago, Ill.
Chicago Pulley & Shafting Co., 40 S Clinton, Chicago, Ill.
Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
Cleveland Mill Supply Co., Guardian bldg, Cleveland, Ohio
Delano E. A. Co., 1401 W North, Chicago, Ill.
Diamond Iron Works, 2nd & 18th av, N Minneapolis, Minn.
DODGE SALES & ENGINEERING CO. (Everything for the Mechanical transmission of power), **Mishawaka,** Ind.
Eastwood Benj. Co., Paterson, N. J.
FAIRBANKS CO., 416 Broome, New York
For branch houses see Alphabetical Section
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Falls Clutch & Machinery Co., Cuyahoga Falls, Ohio
Fargo Foundry Co., Fargo, N. D.
Farrel Foundry & Machine Co., Ansonia, Conn.
Fawcus Machine Co. (Standard & Special Gear Drives), 1st Nat. Bk. bldg, Pittsburgh, Pa.
See adv index at end of book
Filer & Stowell Co., Milwaukee, Wis.
FOOTE BROS. GEAR & MACHINE CO. (Speed Reducing), 210 N Carpenter, Chicago, Ill. *See adv index at end of book*
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
Golden's Fdry. & Mach. Co., Columbus, Ga.
Gowanda Agricultural Works, Gowanda, N. Y.
HILL CLUTCH CO., 1000 W 58th, Cleveland, O.
Hilliard Clutch & Machy. Co., Elmira, N. Y.
Hoppen J. E. & Sons (Adjustable Shafting Hangers), 78 Main, Belleville, N. J.
See adv index at end of book
Holyoke Machine Co., Holyoke, Mass.
Howard Iron Works, Buffalo, N. Y.
Hunt Rodney Machine Co., Orange, Mass.
Hunter Jas. Machine Co., North Adams, Mass.
Huntsville Fdry. & Mach. Co., Huntsville, Ala.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
Jones E. D. & Sons Co., Pittsfield, Mass.
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Kaestner & Hecht Co., 500 Throop, Chicago, Ill.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book
Klotz Machine Co., Sandusky, O.
Lane Mfg. Co., Montpelier, Vt.
Lane & Bodley Co., Tenn. av & Paddock rd, Cincinnati, O.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Marseilles Co., East Moline, Ill.
Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
Meese & Gottfried Co., 660 Mission, San Francisco, Cal.
MESTA MACHINE CO., Pittsburgh, Pa.
See adv index at end of book
Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.
Minster Machine Co., Minster, O.
Mobile Pulley & Machine Co., Mobile, Ala.
Morse Chain Co., Ithaca, N. Y.
Munson Mill Machinery Co., Utica, N. Y.
National Foundry Mfg. & Supply Co., Williamsport, Pa.
Naylor Bros., Peekskill, N. Y.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Noye Bros. Co., Buffalo, N. Y.
Phoenix Iron Works, E 3d & Hawthorne, Portland, Ore.
Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
Plamondon A. Mfg. Co., 24 S Clinton, Chicago, Ill.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Portland Iron Works, 14th & Northrup, Portland, Ore.
Pratt Engineering & Machine Co., Atlanta, Ga.
Pyatt Co., 1401 W North av, Chicago, Ill.
Royersford Foundry & Machine Co., Royersford, Pa.
Salem Foundry & Machine Works, Salem, Ohio
Schultz A. L. & Son, 1675 Elston av, Chicago, Ill.
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
Skillin & Richards Mfg. Co., 4520 Cortland, Chicago, Ill.
Smidth F. L. & Co., 50 Church, New York
Smith Philip Mfg. Co., Sidney, O.
SMITH S. MORGAN CO., York, Pa.
See adv index at end of book
Sprout, Waldron & Co., Muncy, Pa.
Standard Pulley Co., 1734 Power, Cincinnati, Ohio
Stephens-Adamson Mfg. Co., Aurora, Ill.
Ticonderoga Machine Works, Ticonderoga, N. Y.
Transmission Machinery Co., 1146 Tchoupitsulac, New Orleans, La.
Trimble & Lutz Supply Co., Wheeling, W. Va.
Trump Mfg. Co., Springfield, O.
Union Iron Works, Decatur, Ill.
Valley Iron Works, Williamsport, Pa.
Vonnegut Machy. Co., Indianapolis, Ind.
Walker Mfg. Co., Denver, Colo.
WATERBURY TOOL CO. ("Waterbury" Hydraulic Speed Gear, Variable), Waterbury, Conn.
Webster Mfg. Co., Tiffin, O.
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.
Westlund C. G. Co. ("Westlund"), 498 Millburg, Worcester, Mass.
Willamette Iron & Steel Works, Portland, Ore.
Wood's T. B. Sons Co., Chambersburg, Pa.
Woonsocket Machine & Press Co., Woonsocket, R. I.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book
Yocom Jos. & Son, 145 N 2d, Phila., Pa.

Power Transmitting Machinery (Belt Driven Lenix)

See Lenix

Power Transmitting Machinery (Chain)

See Chains, Power Transmission

8847—*Power Transmitting Machinery (Electric)

See also Generators, Various Kinds; also Motors, Various Kinds

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

8848—Power Transmitting Machinery (Rope)

See also Power Transmitting Machinery
Barry Co., Muscatine, Iowa
Brown A. & F. Co., 79 Barclay, New York
Caldwell H. W. & Son Co. ("Caldwell"), 17th & Western av, Chicago, Ill.
Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
HILL CLUTCH CO., 1000 W 58th, Cleveland, O.
Howard Iron Works, Buffalo, N. Y.
Hunter James Machine Co., North Adams, Mass.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
LINK-BELT CO. (Manila Rope, etc), 39th & Stewart av, Chicago, Ill. & Hunting Park av & P & P Ry, Phila., Pa.
See adv index at end of book
Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Stephens-Adamson Mfg. Co., Aurora, Ill.
Tamaqua Mfg. Co., Tamaqua, Pa.
Union Engineering Co., Cuyaboga & W 4th, Cleveland, O.
Walker Mfg. Co., Denver, Colo.
Webster Mfg. Co., Tiffin, O.
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.
Wood's T. B. Sons Co., Chambersburg, Pa.

8849-50—Printers' Roller Making Machinery

Rowe James, 1058 W Harrison, Chicago, Ill.

8851—Printing Presses & Machinery

American Autopress Co., 261 W 36th, New York
American High Speed Press Co., 30 E 23d, New York
Anderson C. F. & Co., 710 S Clark, Chicago, Ill.
Autopress Co., 95 Madison av, New York
Babcock Printing Press Mfg. Co., New London, Conn.
BECK CHAS. CO., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Central Machine Co. (For Special Work), Niagara Falls, N. Y.
Challenge Machinery Co. ("Stonemetz" & "Diamond" Cylinder Presses, "Challenge-Gordon" Job Presses, etc), Grand Haven, Mich.
Chandler & Price Co., Cleveland, O.

PRINTING PRESSES & MACHINERY—continued

Cline Electric Mfg. Co., Fisher bldg, Chicago, Ill.
Cottrell C. B. & Sons Co., Westerly, R. I.
Damon Geo. & Sons, 44 Beekman, New York
Delphos Printing Press Co., Delphos, Ohio
Dorman J. F. W. Co. ("Baltimorean" for Amateurs, 526 N Calvert, Baltimore, Md.
Duplex Printing Press Co. (Newspaper Presses), Battle Creek, Mich.
Eardley Wm. F. & Bro., 138 Centre, New York
Feuerstein S. B. & Co., 542 W Jackson blvd, Chicago, Ill.
Fuller E. C. Co., 28 Reade, New York
Golding Mfg. Co., Franklin, Mass.
Goss Printing Press Co., 1535 S Paulina, Chicago, Ill.
Grammes L. F. & Sons (Machinery & Supplies), Allentown, Pa.
See adv index at end of book
Hall Printing Press Co., Dunellen, N. J.
Harris Automatic Press Co., E 71st, Cleveland, O.
Hart R. A., Battle Creek, Mich.
Hoe R. & Co., 504 Grand, New York
Hollingsworth Wm., 229 N Holliday, Baltimore, Md.
Johnson C. I. Mfg. Co., St. Paul, Minn.
Kelsey Press Co., Meriden, Conn.
Kelton's M. M. Son, 76 S 8th, Brooklyn, N. Y.
Kidder Press Co., Dover, N. H.
Krauth & Benninghofen, Hamilton, O.
Lazenby F. A. & Co., 414 Key Highway, Baltimore, Md.
Lisenby Mfg. Co. ("Mahlstedt" Multicolor), Fresno, Cal.
Miehle Printing Press & Mfg. Co., 14th & Robey, Chicago, Ill.
Meisel Press Mfg. Co. (& Specialties), 942 Dorchester av, Boston, Mass.
Miller Saw-Trimmer Co. (Platen Press Feeders), Point bldg, Pittsburgh, Pa.
National Automatic Press Co., Lehighton, Pa.
National Machine Co. ("Hartford," "National" Presses), Hartford, Conn.
National Printing Machinery Co., Athol, Mass.
Newton James (Imp), 116 Nassau, New York
Peerless Printing Press Co., Palmyra, N. Y.
Perkins Machine Co., 216 N Jefferson, Chicago, Ill.
Pollard-Alling Mfg. Co., 312 E 23d, New York
Potter Printing Press Co., Plainfield, N. J.
Printing Machinery Co. ("Sterling"), 3d & Lock, Cincinnati, Ohio
Ray Bros. ("Webb" Presses Only), Ashland, Mass.
Regina Co. ("New Era"), 47 W 34th, New York
Scott Walter & Co., Plainfield, N. J.
Thomson J. Press Co., Nott av, Long Island City, N. Y.
United Printing Machinery Co., 100 Summer, Boston, Mass.
Whitlock Prtg. Press Mfg. Co., Shelton, Conn.
Wisconsin Foundry & Machine Co. ("Monona" Leverless Press), Madison, Wis.
Wrigley Thos. Co. (Print Press for Railroad Tickets), 504 Sherman, Chicago, Ill.
Ziegler Robt. & Sons, St. Louis, Mo.

8852—Printing & Punching Machines

Ohl Geo. A. & Co. (One Operation for Printing Punching Holes in Leather, Fibre, etc), 159 Oraton, Newark, N. J.

8853— Profiling Machines

Becker Milling Machine Co. ("Becker"), Hyde Park, Mass.
Garvin Machine Co., 147 Varick, New York
Newton Machine Tool Workers, 23rd & Vine, Phila., Pa.
Pratt & Whitney Co., Hartford, Conn.
Reed - Prentice Co. ("Reed - Prentice"), Worcester, Mass.
SIMMONS MACHINE CO. INC., 987 B'way, Albany, N. Y. *See adv index at end of book*
Spafford S. E. (With Automatic Feed), Hartford, Conn.
STARK TOOL CO., Waltham, Mass.
See adv index at end of book

8853a— Projectile Machinery

See also Cold Saw Cutting-Off Machines; Drop Hammers; Lathes, Drilling Machines; Presses; Grinders, etc
Amalgamated Machinery Corp'n (Turning & Boring Machines), 72 W Adams, Chicago, Ill.
American Tool Works Co., Cincinnati, O.
Automatic Machine Co. (Shell Cutting-Off Machines), Bridgeport, Conn.
Boye & Emmes Machine Tool Co., Cincinnati, O.
Bradford Machine Tool Co., Cincinnati, O.
Bullard Machine Tool Co. (Projectile & Cartridge Case Finishing Machines), Bridgeport, Conn.
Cleveland Automatic Machine Co., Cleveland, O.
Curtis & Curtis Co. (Cutting-Off Machines), Bridgeport, Conn.
Espen-Lucas Machine Wks. (High Explosive Shell Machines, Shrapnel & High Explosive Shell Trimming Machines), 21 Girard av, Philadelphia, Pa.
Fitchburg Machine Works ("Lo Swing"), Fitchburg, Mass.
Gorton Geo. Machine Co. (Routing Machines for Cutting Powder Grooves), Racine, Wis.
Hydraulic Press Co. (Nosing & Banding Presses), Mt. Gilead, O.
Jones & Lamson, Springfield, Vt.
Lourie Mfg. Co. (Shell Banding Machines), Springfield, Ill.
Metalwood Mfg. Co. (Shell Banding Presses), Detroit, Mich.
New Britain Machine Co. ("New Britain," Chucking Machines), 190 Chestnut, New Britain, Conn.
Newton Machine Tool Works (Cold Saws & Vertical Millers, 23d c Vine, Phila., Pa.
Noble & Westerbrook Mfg. Co. (Shell Marking Machines), Hartford, Conn.
See adv index at end of book
Potter & Johnston Machine Co., Pawtucket, R. I.
Pratt & Whitney Co., Hartford, Conn.
Reed-Prentice Co. (Lathes), Worcester, Mass.
Spray Engng. Co. (Shell Coating Machines), 93 Federal, Boston, Mass.
Thurlow Steel Works (Shell Undercutting & Waving Machines), Chester, Pa.
Wade Walter M. ("American Watch Tools"), 311 Atlantic av, Boston, Mass.
Wood R. D. & Co. (Presses), 400 Chestnut, Phila.., Pa.

8854—Prospecting Machinery

Keystone Driller Co., Beaver Falls, Pa.
Loomis Machine Co., Tiffin, O.
Thomson John Press Co., Nott av, Long Island City, N. Y.

8855—Pulley Balancing Machinery

Defiance Machine Works, Defiance, O.

8856—Pulley Boring & Turning Machines

See also Lathes, Pulley Turning
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.

8857—Pulley Drilling & Tapping Machines

Delano E. A. Co., 1401 W North, Chicago, Ill.

Pulley Molding Machines

See Molding Machines, Foundry

8858—Pulley Mortising Machines

Austin & Eddy ("Enterprise"), 117 Broad, Boston, Mass.
Clarkson Mfg. Co., Lancaster & Dallas, Baltimore, Md.
Millbury Machine Co. ("Enterprise"), Millbury, Mass.
Sloan Frank B. & Co., ("Norris"), 516 W Baltimore, Baltimore, Md.
Smith & Phillips Mfg. Co., 1008 W Madison, Chicago, Ill.

8859—Pulp Drying Machines

Rice, Barton & Fales Machine & Iron Co., Worcester, Mass.

8860—Pulp Lining Machines

Beloit Iron Works, Beloit, Wis.

8861—Pulp Making Machinery (Canners)

Kern Wm. S., Wilkesbarre, Pa.
Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.
Werner & Pfleiderer Co., 1232 N Niagara, Saginaw, Mich.
See adv index at end of book

8862—Pulp Washing Machines

Clark H. C. & Son Machine Co., Lee, Mass.
Magnus A. Sons Co. ("Klein," "Simplex," Brewers, etc.), 327 W Randolph, Chicago, Ill.
Baker Mfg. Corp. ("Worm"), Saratoga Springs, N. Y.

Pulp Wood Barking Machines

See Wood Barking Machines

8863—Pulp Wood Chipping Machines

Holyoke Machine Co., Holyoke, Mass.
Mitts & Merrill (For Saw Mill Waste), 1939 S Water, Saginaw, Mich.
Waterville Iron Works, Waterville, Me.

8864—Pulp Wood Crushing Machines

Abbe Engineering Co., 220 B'way, New York . *See adv index at end of book*
Waterville Iron Works, Waterville, Me.

8865—Pulp Wood Rechipping Machines

Mitts & Merrill (For Saw Mill Waste), 1939 S Water, Saginaw, Mich.
Waterville Iron Works, Waterville, Me.

8866—Pulp Wood Splitting Machines

Waterville Iron Works, Waterville, Me.

8867— Pulverizing Machinery

See also Mills, Grinding
ABBE ENGINEERING CO., 220 B'way, New York. *See adv index at end of book*
Acton Jno. (Borgardus Centrifugal Steel Roller Mills), 118 John, Brooklyn, N. Y.
Aero Pulverizer Co., 120 B'way, New York
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Alsing J. R. Engng. Co., 75 Guernsey, Brooklyn, N. Y.
American Pulverizer Co., East St. Louis, Ill.
Atlanta Mfg. & Supply Co., Atlanta, Ga.
Bonnot Co., Canton, O.
Braddock Manufacturing Co., Braddock, Pa.
Bradley Pulverizer Co. ("Griffin Mill," "Bradley Three Roll Mill," "Bradley Hercules Mill") 92 State, Boston, Mass.
Brainard Crusher-Pulverizer Co., Old Colony bldg, Chicago, Ill.
Brann Corporation, Los Angeles, Cal.
Buckeye Traction Ditching Co. The (Land Pulverizing), Findlay, O.
Burroughs Chas. Co., 141 Commercial, Newark, N. J.
Campbell P. F. (For Fertilizer & Whiting Works, etc), 51 Laurel, Phila., Pa.
Chalmers-Williams Mfg. Co., 1461 Arnold, Chicago Heights, Ill.
CROSSLEY MACHINE CO. (For Clay Only), State & Chestnut av, Trenton, N. J. *See adv index at end of book*
Eastern Machinery Co., New Haven, Conn.
Excel Mfg. Co., Pottersville, N. J.
Fuller Lehigh Co. ("Fuller-Lehigh" Pulverizer), Fullerton, Pa.
Garrison A. Foundry Co. (Ore & Clay), 901 Bingham, Pittsburgh, Pa.
Holmes & Blanchard Co. (Fertilizing), 31 State, Boston, Mass.
Iler Foundry & Mfg. Co. ("Iler"), 694 E 82d, Cleveland, Ohio
JEFFREY MFG. CO. (For the Reduction of All Kinds of Materials), 961 N Fourth, Columbus, O.
See adv index at end of book

K. B. Pulverizer Co., 86 Worth, New York
Kent Machine Works, 30 Gold, Brooklyn, N. Y.
Kent Mill Co., 10 Rapelyea, Brooklyn, N. Y.
Knoxville Foundry & Machine Co. (For Lime), Knoxville, Tenn.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
McLauthlin Geo. T. Co., 120 Fulton, Boston, Mass.
Mashek Engineering Co. (Coal, Asphalt, Pitch), 90 West, New York
Manitowoc Engineering Co., Manitowoc, Wis.
Midland Crusher-Pulverizer Co. ("Brainard"), 37 W Vanburen, Chicago, Ill.
Mitts & Merrill, 1939 S Water, Saginaw, Mich.
Murray Co., Dallas, Tex.
National Pulverizer Co., Denver, Colo.
Nebel M. A., 72 Grand av, Brooklyn, N. Y.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Patterson Foundry & Mach. Co., E. Liverpool, O.
Pennsylvania Crusher Co., Stephen Girard bldg, Phila., Pa.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Pratt Engineering & Machine Co. (Complete Plants), Atlanta, Ga.
Raymond Bros. Impact Pulverizer Co. (Clay), 1319 North Branch, Chicago, Ill.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
Sackett A. J. (Fertilizing), cor 4th av & 1st, Baltimore, Md.
Smidth F. L. & Co., 50 Church, New York
Smith Theo. & Sons Co., ft Essex, Jersey City, N. J.
Standard Equipment Co. (For Cinders, Soft Rock, Coal, Ore, etc.), New Haven, Conn.
Stroud E. H. & Co., 928-934 Fullerton av, Chicago, Ill.
STURTEVANT MILL CO. ("Ring-Roll Mill," "Rock-Emery Mill"), Clayton & Park, Dorchester. Boston, Mass.
Thornburgh Mfg. Co., Bowling Green, O.
THROPP'S JOHN E. SONS CO. (Tube Mills), ft. of Lewis, Trenton, N. J.
See adv index at end of book
United Iron Works Co. ("Emerick"), Kansas City, Mo.
Walker & Elliott, 2d & Lombard, Wilmington, Del.
West Pulverizing Machine Co., 220 B'way, New York
Williams Patent Crusher & Pulverizing Co., 813 Montgomery, St. Louis, Mo.

Pump Stock Boring Machines

See Wood Pipe Boring Machines

8868— *Pumping Machinery

See also Engines, Pumping, Various Kinds; also Pumps, Various Kinds
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
DE LAVAL STEAM TURBINE CO., East Trenton, N. J. *See adv index at end of book*
DEMING CO., SALEM, O.
See adv index at end of book
Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.
Knowles Steam Pump Wks., 115 B'way, New York
VOGT BROS. MFG. CO., Louisville, Ky.
See adv index at end of book
WORTHINGTON PUMP & MACHINERY CORP. (Horizontal & Vertical Compound & Triple Expulsion High Duty Cranes & Flywheel Pumping), 115 B'way, New York
See adv index at end of book

8869—*Pumping Machines (Electric)

See also Pumps, Electric
DEMING CO., Salem, O.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

8870—*Pumping Machines (Gasoline)

DEMING CO., Salem, O.
See adv index at end of book
Van Nouhuys Machine Wks., Albany, N. Y.

Pumping Machines (Horse Power)

See Pumping Outfits, Horse Power

8870a—*Pumping Machines (Sugar House)

WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book

8871—Pumpkin Peeling & Seeding Machines

Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

8871a—*Pumps & Pumping Machinery (All Kinds)

COLONIAL SUPPLY CO., 217 Water, Pittsburgh, Pa.
Classifications 8881 to 8888

8872—Punching, Beveling & Trimming Machines

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Long & Allstatter Co. (For Boiler Plates, etc, with Hand & Automatic Spacing Table), Hamilton, O.
Schatz Mfg. Co. (Hand & Power), Poughkeepsie, N. Y.

8873—Punching Machines (Boiler-Makers')

Bertsch & Co., Cambridge City, Ind.
Braun J. G., 609 S Paulina, Chicago, Ill.
Cincinnati Iron & Steel Co. ("Cisco"), Cincinnati, O.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, Ohio
Covington Machine Co., Covington, Va.
Dudgeon Richard (Hydraulic), 24 Columbia, New York
Henderer's A. L. Sons, Wilmington, Del.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Huntington Machine & Foundry Co., Huntington, Ind.
Ironton Punch & Shear Co. (Heavy Power), Ironton, O.
Kling Bros., Engineering Works, 1304 Kingsbury, Chicago, Ill.
Long & Allstatter Co. (Heavy), Hamilton, O.
Mafreto Machine & Tool Co., Worcester, Mass.
Massillon Foundry & Machine Co. ("Massillon"), Massillon, O.
New Doty Mfg. Co., Janesville, Wis.
Niles-Bement-Pond Co., 111 B'way, New York
Rock River Machine Co. ("Badger" Hand Power, etc), Janesville, Wis.
Schatz Mfg. Co., Poughkeepsie, N. Y.
United Engineering & Foundry Co., 307 5th av, Pittsburgh, Pa.
Vulcan Engineering Sales Co., 1764 Elston av, Chicago, Ill.
Wickes Bros., Saginaw. Mich.
See adv index at end of book

8874—Punching Machines (Coping)

Ironton Punch & Shear Co., Ironton, O.

8875—Punching Machines (Disc)

Long & Allstater Co. (Heavy), Hamilton, Ohio
Schatz Mfg. Co., Poughkeepsie, N. Y.

8876—*Punching Machines for Light Metal, Paper, Etc.

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*

Punching Machines (Gang)

See Punching Machines, Multiple

8877—Punching Machines (Horizontal)

See also Machinery, Punching & Shearing
Alliance Machine Co., Alliance, O.
Bertsch & Co., Cambridge City, Ind.
Cincinnati Iron & Steel Co. ("Cisco"), Cincinnati, O.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Covington Machine Co., Covington, Va.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Ironton Punch & Shear Co. (Heavy Power), Ironton, O.
Kling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.
Long & Allstatter Co. (Heavy), Hamilton, Ohio
Mafreto Machine & Tool Co., Worcester, Mass.
Massillon Foundry & Machine Co. ("Massillon"), Massillon, O.
Rock River Machine Co. ("Badger"), Janesville, Wis.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Schatz Mfg. Co., Poughkeepsie, N. Y.
Vulcan Engineering Sales Co. ("Vulcan") 1764 Elston av, Chicago, Ill.
Whiting Geo. Co., 1719 Elston av, Chicago, Ill.
Wickes Bros., Saginaw, Mich.
See adv index at end of book
Williams, White & Co., Moline, Ill.

8878—Punching Machines (Hydraulic)

See also Machinery, Punching & Shearing
Alliance Machine Co., Alliance, O.
Chambersburg Engng. Co., Chambersburg, Pa.
Dudgeon Richard, 24 Columbia, New York
Henderer's A. L. Sons, Maryland av & Beach, Wilmington, Del.
MORGAN ENGINEERING CO., Alliance, O. *See adv index at end of book*
Niles-Bement-Pond Co., 111 B'way, New York
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*
Whiting Geo. Co., 1719 Elston av, Chicago, Ill.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.
Wood W. H., Media. Pa.

Punching Machines (Hydraulic, Manhole)

See Punching & Shearing Machines, Manhole

8879—Punching Machines (I-Beam)

Bertsch & Co., Cambridge City, Ind.
Braun J. G., 609 S Paulina, Chicago, Ill.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Dudgeon Richard (Hydraulic), 24 Columbia, New York
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Ironton Punch & Shear Co., Ironton, O.
Kling Bros. Engineering Works, 1304 Kingsbury av, Chicago, Ill.
Long & Allstatter Co. (& Coping), Hamilton, O.
Mafreto Machine & Tool Co., Worcester, Mass.
Massillon Foundry & Machine Co. ("Massillon"), Massillon, O.
New Doty Mfg. Co., Janesville, Wis.
Niles-Bement-Pond Co., 111 B'way, New York
Rock River Machine Co. ("Badger," Hand Power, etc), Janesville, Wis.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Schatz Mfg. Co., Poughkeepsie, N. Y.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*
Whiting Geo. Co. (Beam Coping), 1719 Elston av, Chicago, Ill.
Wickes Bros., Saginaw. Mich.
See adv index at end of book

8880—Punching Machines (Multiple)

Alliance Machine Co., Alliance, O.
Barcroft Fred ("Barcroft," Lever), Madera, Cal.
Bertsch Co., Cambridge, Ind.

PUNCHING MACHINES (MULTIPLE)—continued

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Covington Machine Co., Covington, Va.
Excelsior Tool & Mach. Co., 32nd & Ridge, East St. Louis, Ill.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Huntington Mach. & Fdry. Co., Huntington, Ind.
Ironton Punch & Shear Co. (Heavy Power), Ironton, O.
Kling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.
Long & Allstatter Co. (Also Heavy, for Splice Bars, etc), Hamilton, O.
Loy & Nowroth Co., 25 Runyon, Newark, N. J.
McSherry Mfg. Co., Pittsburgh, Pa.
Mackintosh, Hemphill & Co. (Heavy), Pittsburgh, Pa.
Massillon Foundry & Machine Co. ("Massillon"), Massillon, O.
New Doty Mfg. Co., Janesville, Wis.
NIAGARA MACHINE & TOOL WORKS., Buffalo, N. Y. *See adv index at end of book*
Niles-Bement-Pond Co., 111 B'way, New York
Ohl Geo. A. & Co., 159 Oraton, Newark, N. J.
Perkins Machine Co., Warren, Mass.
Rock River Machine Co. ("Badger"), Janesville, Wis.
Schatz Mfg. Co., Poughkeepsie, N. Y.
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
Wells Frank L. Co. ("Wells" Punching Presses), Kenosha, Wis.
Whiting Geo. Co., 1719 Elston av, Chicago, Ill.
Wickes Bros., Saginaw, Mich.
See adv index at end of book
Williams, White & Co. (& Gate Shear), Moline, Ill.
Wood R. D. & Co. (Hydraulic), 400 Chestnut, Phila., Pa.

8881—Punching Machines (Rail)

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Ironton Punch & Shear Co., Ironton, O.
Schatz Mfg. Co., Poughkeepsie, N. Y.

8882—Punching Machines (Rotary)

Whitney Metal Tool Co., Rockford, Ill.

8883—Punching Machines (Screw)

Bertsch & Co., Cambridge, City, Ind.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Henderer's A. L. Sons, Wilmington, Del.
Irving Mfg. & Tool Co., 157 Chambers, New York
Kling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.
New Doty Mfg. Co., Janesville, Wis.
Perkins Machine Co., Warren, Mass.
Rock River Machine Co., Janesville, Wis.
Schatz Mfg. Co., Poughkeepsie, N. Y.

8884—Punching Machines (Stiles)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

8885—Punching Machines (Structural Steel)

Braun J. G., 609 S Paulina, Chicago, Ill.
Covington Machine Co., Covington, Va.
Dudgeon Richard, 24 Columbia, New York
Ironton Punch & Shear Co., Ironton, O.
Massillon Foundry & Machine Co. ("Massillon"), Massillon, O.
Rock River Machine Co., Janesville, Wis.
Schatz Mfg. Co., Poughkeepsie, N. Y.

8886—Punching & Cutting Machines (Combined)

Braun J. G., 609 S Paulina, Chicago, Ill.
Ironton Punch & Shear Co., Ironton, O.
Gling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.
Schatz Mfg. Co., Poughkeepsie, N. Y.

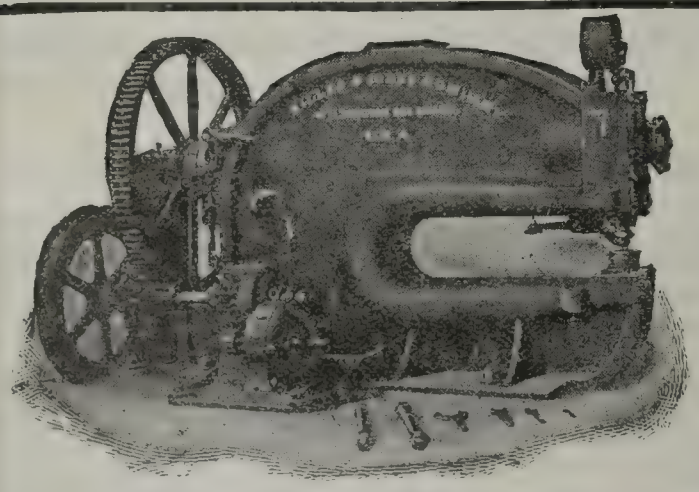
8887—Punching & Shearing Machinery

See also Punching Machines, Various Kinds; also Shears, Various Kinds

Alliance Machine Co., Alliance, O.
Badger State Mach. Co., Janesville, Wis.
Bertsch & Co., Cambridge City, Ind.
Braun J. G., 609 S Paulina, Chicago, Ill.
Cincinnati Iron & Steel Co. ("Cisco"), Cincinnati, O.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Covington Machine Co. ("C. C. Wais" Patent), Covington, Va.
Evans' Jno. Sons (Heavy), 506 N 13th, Phila., Pa.
Excelsior Tool & Mach. Co., 32d & Ridge, East St. Louis, Ill.
Ferracute Machine Co., Bridgeton, N. J.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Heartley Machine Variety Iron & Tool Works, 900 Summit, Toledo, O.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Huntington Mach. & Fdry. Co., Huntington, Ind.
Ironton Punch & Shear Co., Ironton, O.
Kane & Roach (Carriage Makers, etc), Syracuse, N. Y.
Kidder J. F. Mfg. Co., Burlington, Vt.
Kling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.
Lewthwaite T. H. Machine Co. (Power, Hand & Foot), 413 E 31st, New York
Little Giant Punch & Shear Co. ("Little Giant" Hand), Sparta, Ill.
Long & Allstatter Co. (Single & Double End, Deep Throat, etc), Hamilton, O.
Luther Mfg. Co., Olean, N. Y.
McSherry Mfg. Co., Pittsburgh, Pa.
Mackintosh, Hemphill & Co. (Heavy), Pittsburgh, Pa.
Mafreto Machine & Tool Co., Worcester, Mass.
Massillon Foundry & Machine Co. ("Massillon"), Massillon, O.
Mitts & Merrill, 1939 S Water, Saginaw, Mich.
MORGAN ENGINEERING CO. (Electric, Hydraulic, Steam & Power), Alliance, Ohio. *See adv index at end of book*
New Doty Mfg. Co., Janesville, Wis.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book
Niles-Bement-Pond Co., 111 B'way, New York
Ohl Geo. A. & Co., 159 Oraton, Newark, N. J.
Peck, Stow & Wilcox Co., Southington, Conn.
Perkins Machine Co., Warren, Mass.
PRENTISS HENRY & CO., INC. (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York
See adv index at end of book
Robinson J. M. Mfg. Co., Cincinnati, O.
Rock River Machine Co. (Belt or Motor Driven), Janesville, Wis.
Royersford Foundry & Machine Co., Royersford, Pa.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Schatz Mfg. Co., Poughkeepsie, N. Y.
SIMMONS MACHINE CO., INC., 987 B'way, Albany, N. Y. *See adv index at end of book*
Slater-Marsden-Whittmore Co., Beloit, Wis.
Toledo Machine & Tool Co., Toledo, O.
Union Mfg. Co. (Hand Operated Only), New Britain, Conn.
United Engng. & Fdry. Co., 307 5th av, Pittsburgh, Pa.
Vulcan Engineering Sales Co. ("Vulcan"), 1764 Elston av, Chicago, Ill.
WATSON-STILLMAN CO. (Hydraulic, etc), 38 Church, New York
See adv index at end of book
Whiting Geo. Co., 1719 Elston av, Chicago, Ill.
Wickes Bros., Saginaw, Mich.
See adv index at end of book
Williams, White & Co., Moline, Ill.
Wood R. D. & Co. (Hydraulic), 400 Chestnut, Phila., Pa.
Wood Wm. H., Media, Pa.

8888—Punching & Shearing Machines (Combined)

Braun J. G., 609 S Paulina, Chicago, Ill.
Cincinnati Iron & Steel Co. ("Cisco"), Cincinnati, O.
Clark Foundry Co., Rumford, Me.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, P.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Ironton Punch & Shear Co. (Heavy Power), Ironton, O.
Kling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.
Mafreto Machine & Tool Co., Worcester, Mass.
Massillon Foundry & Machine Co. ("Massillon"), Massillon, O.



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East Wilmington
DELAWARE

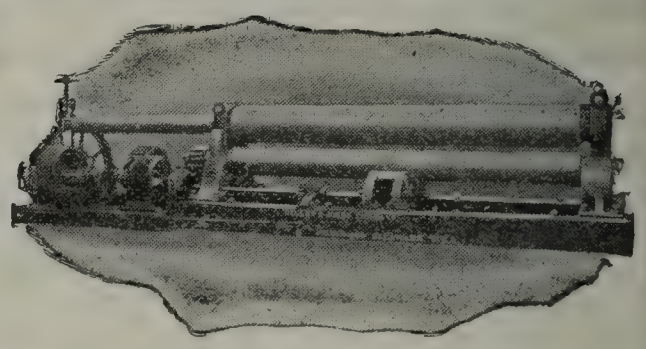

PLATE BENDING ROLLS
Any Capacity and Length

NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book
Perkins Machine Co., Warren, Mass.
Rock River Machine Co. ("Badger"), Janesville, Wis.
Royersford Foundry & Machine Co., Royersford, Pa.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Schatz Mfg. Co., Poughkeepsie, N. Y.
Slater-Marsden-Whitlemore Co. ("Beloit" Single & Double End), Beloit, Wis.
Wickes Bros., Saginaw, Mich.
See adv index at end of book

8889—Punching & Shearing Machines (Double End)

Braun J. G., 609 S Paulina, Chicago, Ill.
Cincinnati Iron & Steel Co. ("Cisco"), Cincinnati, O.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Ironton Punch & Shear Co. (Heavy Power), Ironton, O.
Massillon Foundry & Machine Co. ("Massillon"), Massillon, O.
MORGAN ENGINEERING CO. (Belt Driven, etc), Alliance, O.
See adv index at end of book
Rock River Machine Co. ("Badger"), Janesville, Wis.
Schatz Mfg. Co., Poughkeepsie, N. Y.
Toledo Machine & Tool Co., Toledo, O.
Wickes Bros., Saginaw, Mich.
See adv index at end of book
Williams, White & Co., Moline, Ill.

8890—Punching & Shearing Machines (Manhole)

Braun J. G., 609 S Paulina, Chicago, Ill.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
MORGAN ENGINEERING CO. (Hydraulic), Alliance, O.
See adv index at end of book
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*

8891—Punching & Shearing Machines (Plate Work)

Braun J. G., 609 S Paulina, Chicago, Ill.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Ironton Punch & Shear Co., Ironton, O.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Schatz Mfg. Co., Poughkeepsie, N. Y.

8892—Punching & Shearing & Bar Cutter Machines (Combined)

Braun J. G., 609 S Paulina, Chicago, Ill.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Massillon Foundry & Machine Co., Massillon, O.
Rock River Machine Co. ("Badger," Hand Power, etc), Jamesville, Wis.
Schatz Mfg. Co., Poughkeepsie, N. Y.

8892a— *Putty Machinery

Werner & Pfleiderer Co., 1232 No. Niagara, Saginaw, Mich.
See adv index at end of book

Quarrying Machinery & Supplies

See the Specific Article Required. If not classified, write us for information desired

8893— Quartering Machines

Niles-Bement-Pond Co. (Wheel), 111 B'way, New York

8894— Quilting Machines

Lutz-Webster Engng. Co., 3103 Grays Ferry av, Phila., Pa.

8895—Rack Cutting Machines

Bilton Machine Tool Co. (The) ("Bilton") (Automatic), Bridgeport, Conn.
Gould & Eberhardt, 111 N. J. R. R. av, Newark, N. J.
LeBlond R. K. Mach. Tool Co., Cincinnati, O.
Walcott Lathe Co. (36x8, 60x10 & 96x10 in), Jackson, Mich.

8896— Radiator Machinery

Bryant O. & Sons, 1407 West av, Buffalo, N. Y.

8897—Rag Cutting Machines

Black-Clawson Co., Hamilton, O.
Clark H. C. & Son Mach. Co., Lee, Mass.
Daniels Machine Co., S. Royalton, Vt.
Holyoke Machine Co., Holyoke, Mass.
Mills Machine Co., Lawrence, Mass.
Noble & Wood Mach. Co., Hoosick Falls, N. Y.
Norwood Engineering Co., Florence, Mass.
Perkins B. F. & Son ("Coburn-Taylor"), Holyoke, Mass.
Rice, Barton & Fales Machine & Iron Co., Worcester, Mass.
Sandy Hill Iron & Brass Works (For Rag, Rope & Jute), Hudson Falls, N. Y.
Taylor, Stiles & Co., Riegelsville, N. J.

8898—Rag Thrashing Machines

Noble & Wood Mach. Co., Hoosick Falls, N. Y.
Norwood Engineering Co., Florence, Mass.

8899—Rail Bending & Straightening Machines

See also Benders, Rail

Fairbanks Morse & Co., 900 S Wabash av, Chicago, Ill.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Hydraulic Press Mfg. Co. ((Hydraulic), Mt. Gilead, O.
Kalamazoo R'y Supply Co., Kalamazoo, Mich.
Kane & Roach, Syracuse, N. Y.
Niles-Bement-Pond Co., 111 B'way, New York
United Engineering & Foundry Co. (Vertical, for Rolling Mills), 307 5th av, Pittsburgh, Pa.
WATSON-STILLMAN CO. (Hydraulic), 38 Church, New York
See adv index at end of book
Wharton Wm. Jr. & Co., Inc., Easton, Pa.

8900—Rail Cutting Machines

HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Niles-Bement-Pond Co., 111 B'way, New York
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*

8901—Rail Ending Machines

Newton Machine Tool Works, 23d & Vine, Phila., Pa.

8902—Rail Sawing Machines

See also Cold-Saw Cutting-Off Machines; also Hot Sawing Machines

Aldon Co. ("Aldon" Portable Rail Saws), 3338 W Ravenswood av, Chicago, Ill.
Highley Machine Co., Croton Falls, N. Y.
Industrial Works, Bay City, Mich.
Newton Machine Tool Works, 23rd & Vine, Phila., Pa.
Q. & C. Co. ("Q. & C."), Portable Hand Power), 90 West, New York
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Track Necessities Co. ("Schmidt" Hand Hack Saws), 343 S Dearborn, Chicago, Ill.

8903—Railroad Cross Tie Machines

Greenlee Bros. & Co. (Automatic), Rockford, Ill.
Salem Iron Works, Salem, N. C.
Standard Cross Tie Machine Co., New Orleans, La.

8904—Railroad Track Laying Machines

Hicks Geo. F. H. ("Harris"), 537 S Dearborn, Chicago, Ill.
Roberts Bros., 17 N La Salle, Chicago, Ill.

8905— Raisin Machinery

Fresno Agricultural Works, Fresno, Cal.

8906—Rattan Weaving Machinery

Leffler Chas. & Co., 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*

8907—Reaming, Counterboring & Tapping Machines (Combined)

Pottstown Machine Co., Pottstown, Pa.

8908— Reaming Machines

Busch J. C. Co. ("Milwaukee" Drill & Reamer), 140 Ferry, Milwaukee, Wis.
Pratt & Whitney Co., Hartford, Conn.
Stow Mfg. Co., Binghamton, N. Y.

8909—Reaming Machines (Pipe Socket)

Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

8909a—*Rebuilt Machinery

SIMMONS MACHINE CO., INC., 987 B'way, Albany, N. Y.
See adv index at end of book

8910—Reclamation Machinery

Haslehurst W. W., 2122 Folsom, San Francisco, Cal.
Krogh Mfg. Co., 147 Beale, San Francisco, Cal.

Reducing Machines

See Swaging Machines

Refrigerating Machinery

See Ice & Refrigerating Machines

Registering Machines

See Counting Machines

8911— Relasting Machines

Gallagher Mfg. Co., Lynn, Mass.

8912— Rendering Machinery

Brecht Co., 1201 Cass av, St. Louis, Mo.
Hydraulic Press Mfg. Co. (Lard, Oleo, etc), Mt. Gilead, O.
Payne & Joubert Mach. & Fdry. Co., Howard & Euphrosine, New Orleans, La.
WASTE SAVING MACHINE CO., Real Estate Trust bldg, Philadelphia, Pa.

8913— Re-Seating Machines

See also Valve Re-Seating Machines

Lagonda Mfg. Co. (For Cleaning Faces, Nuts & Caps of Boiler Tubes), Springfield, O.

Rice Cleaning Machinery

See Coffee & Rice Cleaning Machinery

8914— Rice Mill Machinery

Bahmann Iron Works, Cincinnati, O.
Barnhard & Leas Mfg. Co. (Separators, Graders, Clippers, etc), Moline, Ill.
Blymer Iron Works Co., Cincinnati, O.
Boland Machine & Mfg. Co., 1006 Tchoupitoulas, New Orleans, La.
Howes S. Co. "Eureka" Graders, Cleaners, Separators, Clippers & Polishers), Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor" Graders, Cleaners, Separators, Clippers, Polishers), Silver Creek, N. Y.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Sprout, Waldron & Co., Muncy, Pa.

8915—Rice & Coffee Hulling Machinery

Barnard & Leas Mfg. Co. (Rice), Moline, Ill.
Blymyer Iron Works Co., Cincinnati, O.
Dines Wm. L., Jr. Co. ("Willmarc" Coffee), Worcester, Mass.
Engelberg Huller Co., Syracuse, N. Y.
Mason Marcus & Co., Framingham, Mass.
Nordyke & Marion Co., 1290 Kentucky av, Indianapolis, Ind.
Squier Geo. L. Mfg. Co., Buffalo, N. Y.

8915a—Rifle Barrel Drilling & Reaming Machines

New England Westinghouse Co., Springfield, Mass.

8916—Rift Flooring Machines

Filer & Stowell Co. ("Cunningham," "Stowell"), Milwaukee, Wis.

8917—Rim Bending Machines

Defiance Machine Works, Defiance, O.

Rim Machines

See Hub, Spoke & Rim Machinery

8918—Ring Forming Machines (Automatic)

AMERICAN CAN CO. (Machinery Dept.) ("Rudolphi & Krummel"), Monroe bldg, Chicago, Ill.
See adv index at end of book

8919—Ring & Loop Machinery

Reed Mfg. Co., Springfield, O.
Special Machinery Co. (Automatic), Bridgeport, Conn.

8920— Rip Saw Machines

American Saw Mill Machinery Co., Hackettstown, N. J.
American Woodworking Machinery Co., Rochester, N. Y.
Barnes W. F. & Jno. Co., Rockford, Ill.
Beach Mfg. Co., Montrose, Pa.
Bentel & Margedant Co., Hamilton, O.
Cordesman-Rechtin Co., Butler, Cincinnati, O.
Defiance Machine Works (Hand & Power Feed), Defiance, O.
Falls Machine Co., Sheboygan Falls, Wis.
Fay J. A. & Egan Co., Cincinnati, O.
Fischer Machine Works (Self Feed), 1845 Carroll av, Chicago, Ill.
Frank Machinery Co., Buffalo, N. Y.
Garland M. Co., Bay City, Mich.
Grammes L. F. & Sons (Combination Rip & Cross Cut), Allentown, Pa.
See adv index at end of book
Greenlee Bros. & Co. (Self Feed), Rockford, Ill.
Hall & Brown Woodworking Machine Co. (Iron Frame), 1913 N B'way, St. Louis, Mo.
Hermance Machine Co. (Adjustable Roll Self-Feed), Williamsport, Pa.
Holmes E. & B. Machinery Co., Buffalo, N. Y.
Jones Superior Machine Co. ("Superior" self-Feed, etc), 1264 W North av, Chicago, Ill.
Marston J. M. & Co. (Foot Power), 226 Ruggles, Boston, Mass.
Mershon W. B. & Co., Saginaw, Mich.
Newman Machine Co., Greensboro, N. C.
Ober Mfg. Co. (Self-Feed), Chagrin Falls, Ohio
Oliver Machinery Co. ("Oliver" Rip & Cut-Off Saws), Grand Rapids, Mich.
Power L. & Co. (Self-Feed), Phila., Pa.
Root B. M. Co., York, Pa.
Sidney Tool Co., Sidney, O.
Sinker-Davis Co. ("Hoosier" Self-Feed), Indianapolis, Ind.
West Side Iron Works, Grand Rapids, Mich.
Woods Engineering Co. ("Hick," Self-Feed & Automatic Return), Alliance, O.
Yates P. B. Machine Co., Beloit, Wis.

8920a— Rivet Cutting

Rivet Cutting Gun Co., 220 E 2nd, Cincinnati, Ohio

8921—Rivet Heading Machines

Acme Machinery Co., Cleveland, O.
Ajax Mfg. Co. (Automatic & Hand Feed), Cleveland, O.
Cook Asa S. Co., Hartford, Conn.
Manville E. J. Machine Co., Waterbury, Conn.
National Machinery Co., Tiffin, O.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

8922— Rivet Machinery

Acme Machinery Co., Cleveland, O.
Ajax Mfg. Co. (Automatic & Hand Feed), Cleveland, O.
Atlas Machine Co., Waterbury, Conn.
Coulter & McKenzie Mach. Co., Bridgeport, Conn.
Draher Jno., Waterbury, Conn.
Manville E. J. Mach. Co., Waterbury, Conn.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

8923—Rivet Spinning Machines

Grant Mfg. & Machine Co. ("Grant"), Bridgeport, Conn.
Stecher Chas. Co. ("High Speed"), 1580 Crossing, Chicago, Ill.
Wilcor Mfg. Co., 4824 W Lake, Chicago, Ill.

8924—Rivet & Hook Applying Machines

Tubular Rivet & Stud Co., 87 Lincoln, Boston, Mass.

8925—Rivet & Staple Setting Machines

Standard Rivet Co., 41 Lincoln, Boston, Mass.
Thomson Judson L. Mfg. Co. (Automatic Driving & Setting), Waltham, Mass.

8926— Riveting Machines

See also Pneumatic Riveters

ALLEN JOHN F. CO., 370 Gerard av, New York
Bilton Machine Tool Co. (The) ("Bilton"), Bridgeport, Conn.
Blomquist-Erk Machine Co., 1146 E 152d, Cleveland, Ohio
Cincinnati Pulley Machy. Co. ("National" High Speed), Covington, Ky.
Coates Clipper Mfg. Co. (Portable, Electric Driven), Worcester, Mass.
Grant Mfg. & Mach. Co. ("Grant" Vibrator), Bridgeport, Conn.
High Speed Hammer Co., Rochester, N. Y.
HILLES & JONES CO., (Power), East Wilmington, Del.
See adv index at end of book
Kane & Roach, Syracuse, N. Y.
Long & Allstatter Co., Hamilton, O.
MORGAN ENGINEERING CO., Alliance, O. *See adv index at end of book*
NIAGARA MACHINE & TOOL WORKS (Sheet Metal), Buffalo, N. Y.
See adv index at end of book
Niles-Bement-Pond Co., 111 B'way, New York
Pawtucket Mfg. Co., Pawtucket, R. I.
Perkins Mach. Co. (Power), Warren, Mass.
Rock River Machine Co. ("Badger," Hand Power, etc), Janesville, Wis.
Schramm Chris. D. & Son, 308 N 4th, Phila., Pa.
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
SHUSTER F. B. CO. (Elastic Rotary Blow, etc), Cedar Hills, New Haven, Conn. *See adv index at end of book*
Star Heel Plate Co. ("Clincher"), Hamburg pl., Newark, N. J.
Townsend H. P. Mfg. Co. (Multi-Blow High Speed), Hartford, Conn.
Whiting Geo. Co. (Belt Power), 1719 Elston av, Chicago, Ill.
Wickes Bros., Saginaw, Mich.
See adv index at end of book
Williams, White & Co., Moline, Ill

8927-8—Riveting Machines (Electric)

Barnes & Kobert Mfg. Co., Milldale, Conn.
Eveland Electric Riveter Co., Drexel Bldg, Phila, Pa.
New England Machinery Co., New Haven, Conn.

8929—Riveting Machines (Hand)

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill.
See adv index at end of book
Root-Heath Mfg. Co. ("Ideal"), Plymouth, O.
Smith F. H. Mfg. Co. ("Best Yet," "Improved Sight Feed," "Pony," "Rex," "Simplex," Hand & Foot Power for Tubular or Bifurcated Harness & Shoe Riveting, etc), 3047 Carroll av, Chicago, Ill.
Williams A. C. Co. ("Tom-Thumb," "Acme," "Handy," "Uncle Sam," "Little Giant"), Ravenna, O.

8930—Riveting Machines (Hoop)

Strait H. N. Mfg. Co., Kansas City, Kans.

8931—Riveting Machines (Hydraulic)

Alliance Machine Co., Alliance, O.
Chambersburg Engng. Co., Chambersburg, Pa.
Mackintosh, Hemphill & Co. (Heavy), Pittsburgh, Pa.
MORGAN ENGINEERING CO. (Solid Stake, Loose Head; also Two-Piece Stake, etc), Alliance, O.
See adv index at end of book
Niles-Bement-Pond Co., 111 B'way, New York
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*
Wood R. D. & Co., 400 Chestnut, Phila., Pa.
Wood W. H., Media, Pa.

8932-3—Riveting Machines (Hydraulic Lifting)

Wood R. D. & Co., 400 Chestnut, Phila, Pa.

Riveting Machines (Pneumatic)

See Pneumatic Riveters

8934—Riveting Machines (Portable)

See also Pneumatic Riveters

Wood R. D. & Co. (Hydraulic), 400 Chestnut, Phila., Pa.
Wood Wm. H., Media, Pa.

8935—Riveting Machines (Rotary Blow)

Bilton Machine Tool Co. (The) ("Bilton"), Bridgeport, Conn.
High Speed Hammer Co. (Elastic), Rochester, N. Y.
SHUSTER F. B. CO. (Elastic), Cedar Hills, New Haven, Conn.
See adv index at end of book

8936—Riveting Machines (Spoke)

Williams, White & Co., Moline, Ill.

8937—Riveting Machines (Stake)

Rock River Machine Co. ("Badger"), Janesville, Wis.
Wickes Bros., Saginaw, Mich.
See adv index at end of book

8938-9—Riveting Machines (Steam)

MORGAN ENGINEERING CO., Alliance, O. *See adv index at end of book*
Niles-Bement-Pond Co., 111 B'way, New York

Road Making Machinery

See Asphalt Machinery: Concrete Mixers; Ditching Machines; Plows, Contractors'; Road Machines & Graders; Road Scrapers, Drag & Wheel; Rock & Ore Crushers; Rollers, Steam Road
For all other Road Making Specialties, see Index of Contents

8940—Rock Drill Sharpening Machines

See also Drill Sharpening Machines

INGERSOLL-RAND CO. ("Leyner"), 11 B'way, New York
See adv index at end of book

8941—Rocker Cut-Off Sawing Machines

Connell & Dengler Mach. Co., Rochester, N. Y.

8942—Rod Heading Machines

Manville E. J. Machine Co., Waterbury, Conn.
National Machy. Co., Tiffin, O.

8942a—*Rod Mill Machinery

Philadelphia Roll & Machine Co., 25th & Washington av, Phila., Pa.

8943—Rod or Bar Drawing Machines

Brightman Mfg. Co., Columbus, O.
Morgan Construction Co., Worcester, Mass.

8944—Rod, Pin & Dowel Machines

American Wood Working Machinery Co., Rochester, N. Y.
Baker Bros., Toledo, O.
Bentel & Margedant Co., Hamilton, O.
Cordesman-Rechtin Co., Butler, Cincinnati, O.
Dauber Bell Machine Co., Oshkosh, Wis.
Fay J. A. & Egan Co., Cincinnati, O.
Frank Machinery Co., Buffalo, N. Y.
Goodspeed Machine Co., Winchendon, Mass.
Jenkins Machine Co. (Dowel Boring Machines), Sheboygan, Wis.
Ober Mfg. Co., Chagrin Falls, O.
Pringle & Brodie, 514 S Canal, Chicago, Ill.
Smith H. B. Machine Co., Smithville, N. J.
Trevor Mfg. Co., Lockport, N. Y.
Valley City Machine Works, Grand Rapids, Mich.

8945—Rod & Tube Drawing Machines

Richard Mfg. Co., Bloomsburg, Pa.

8946—Rod & Tube Pointing Machines

Morgan Construction Co., Worcester. Mass.
TORRINGTON CO., THE, EXCELSIOR PLANT (Successor to Excelsior Needle Co.) ("Dayton"), Torrington, Conn.
See adv index at end of book

8947—Roll Covering Machines

Turner J. S. Mfg. Co., Lowell, Mass.

8948—Roll Grooving Machines

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Morgan Construction Co., Worcester, Mass.
Pratt & Whitney Co., Hartford, Conn.

8949—Roll Straightening & Finishing Machines

Brightman Mfg. Co., Columbus, O.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

8950—Roll Threading Machines

National Machinery Co. (Vertical), Tiffin, Ohio

8951—Rolling Mill Machinery

See also Tin Plate Mill Machinery, etc.

Aetna Foundry & Machine Co., Warren, O.
Alliance Machine Co., Alliance, O.
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
See adv index at end of book
American Sheet & Tin Plate Co. (Roll & Machine Works), Frick Bldg, Pittsburgh, Pa.
Bertsch & Co., Cambridge City, Ind.
Bethlehem Steel Co., South Bethlehem, Pa.
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Birmingham Iron Foundry, Derby, Conn.
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Bruce-Macbeth Engine Co., Cleveland, O.
Cleveland Machine & Mfg. Co., Cleveland, Ohio
Danville Foundry & Machine Co., Danville, Pa.
Elyria Machine Co., Elyria, Ohio
Farrel Foundry & Machine Co. (For Brass, Copper, Zinc, Brittania, etc), Ansonia, Conn.
Fawcus Machine Co. (Gears & Special Machinery), 1st Nat. Bk. Bldg., Pittsburgh, Pa. *See adv index at end of book*
Ferracute Machine Co. (For Coining Strips), Bridgeton, N. J.
Garrison A. Foundry Co. (Seamless Tube), 901 Bingham, Pittsburgh, Pa.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Hubbard Steel Foundry Co., East Chicago, Ind.
Hyde Park Foundry & Machine Co., Hyde Park, Pa.
Johnston & Jennings Co., Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
Kilby Mfg. Co., Cleveland, O.
Mackintosh, Hemphill & Co., Pittsburgh, Pa.

ROLLING MILLS

FOR ANY KIND OF SERVICE

(Write for Bulletin S)

MESTA MACHINE COMPANY
PITTSBURGH, PA., U. S. A.

Morgan Construction Co., Worcester, Mass.
MORGAN ENGINEERING CO., Alliance, Ohio *See adv index at end of book*
National Roll & Foundry Co. (For Sheet & Tin Plate Mills), Avonmore, Pa.
Newbold R. S. & Son Co., Norristown, Pa.
Ohl Geo. A. & Co., 159 Oraton, Newark, N. J.
PHILADELPHIA ROLL & MACHINE CO., 25th & Washington av, Phila, Pa.
Phillips & McLaren, 24th & Smallman, Pittsburgh, Pa.
Poole Engineering & Machine Co., Woodberry sta., Baltimore, Md.
Reading Iron Co., Reading, Pa.
Reeves Bros. Co., Alliance, O.
Rosedale Foundry & Machine Co., Columbus & Preble, Pittsburgh, Pa.
Seaman-Sleeth Co. (Sand & Chilled Rolls Only), Pittsburgh, Pa.
Southwark Foundry & Machine Co., 400 Washington av, Phila, Pa.
Standard Engineering Co., Ellwood City, Pa.
Standard Machinery Co., Providence, R. I.
Sterritt-Thomas Foundry Co., 32d & Smallman, Pittsburgh, Pa.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
Treadwell Engineering Co., Easton, Pa.
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
United Engineering & Foundry Co., 307 5th av, Pittsburgh, Pa.
Weimer Machine Works Co., Lebanon, Pa.
Wellman-Seaver-Morgan Co., Cleveland, Ohio
Wheeling Mold & Foundry Co., Wheeling, W. Va.
Woodard Machine Co., Wooster, O.
Youngstown Engineering Co., Youngstown, O.
Youngstown Foundry & Machine Co., Youngstown, O.

8952— Roofing Machines

Burritt O. W. & Bro., Weedsport, N. Y.
Guyton & Cumfer Mfg. Co., 4451 Fillmore, Chicago, Ill.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*

8953—Roofing Paper Machines

Haberkamp Wm. Machine Works (Two or Three Ply), 442 Wells, Chicago, Ill.
Moore & White Co., N 15th & Lehigh av., Phila., Pa.
Werner & Pfleiderer Co., 1232 No. Niagara, Saginaw, Mich.
See adv index at end of book

8954—Roofing Tile Cutting Machines

American Clay Machinery Co., S Walnut, Bucyrus, O.

8955—Roofing Tile Machinery

American Clay Machinery Co., S Walnut, Bucyrus, O.
Fate J. D. Co., Plymouth, O.
Illinois Supply & Construction Co. ("Grath"), St. Louis, Mo.
International Clay Machy. Co., Dayton, O.

8956—Rope Moulding Machines

Valley City Mach. Works, Grand Rapids, Mich.

Rope Transmitting Machinery

See Power Transmitting Machinery, Rope

Rope & Twine Machinery

See Cordage Machinery

8957—Rosette & Corner Block Machines

Pringle & Brodie, 514 S Canal, Chicago, Ill.
Valley City Mach. Works, Grand Rapids, Mich.
Wood Turning Machine Co., Beloit, Wis.

8958—Rotary Printing & Rewinding Machines

Kidder Press Co., Dover, N. H.

8959—Round Cornering Machines

Latham Machinery Co. ("Monitor"), 1158 Fulton, Chicago, Ill.
Seybold Machine Co. ("Seybold"), Dayton, O.
Southworth Machine Co. ("Sterling" for Round Cornering Booklets, Catalogs, etc., also Attachments for Loose Leaf Punching), Portland, Me.

8960— Routing Machines

Automatic Engraving & Mfg. Co., Inc., 79 E 130th, New York
Becker Milling Machine Co. (Die Sinkers), Hyde Park, Mass.
Bentel & Margedant Co., Hamilton, O.
Cordesman-Rechtin Co., Butler, Cincinnati, O.
Kelley Electric Machine Co. ("Kelley" Electric), Buffalo, N. Y.
Porter C. O. Machy. Co., Grand Rapids, Mich.
Royle Jno. & Sons (Die Sinkers), Paterson, N. J.
Smith H. B. Machine Co., Smithville, N. J.
Valley City Mach. Works, Grand Rapids, Mich.

8961—Rubber Band Cutting Machines

Adamson Machine Co., Akron, O.
See adv index at end of book
Birmingham Iron Foundry ("Birmingham"), Derby, Conn.
CROSSLEY MACHINE CO., State & Chestnut av, Trenton, N. J.
See adv index at end of book
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.

8962—Rubber Belt Making Machinery

Birmingham Iron Foundry ("Birmingham"), Derby, Conn.
Farrel Foundry & Machine Co., Ansonia, Conn.

The Adamson Machine Company

Engineers, Machinists, Iron and Steel Founders,
Builders of Rubber Working Machinery, including
Molds and Cores, Mills and Calenders, etc., etc.

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Farrel Foundry & Machine Co., Ansonia, Conn.

8964—Rubber Belt Stretching Machines

Birmingham Iron Foundry ("Birmingham"), Derby, Conn.
Farrel Foundry & Machine Co., Ansonia, Conn.

8965—Rubber Calendering Machines

ADAMSON MACHINE CO., Akron, O.
See adv index at end of book
Birmingham Iron Foundry ("Birmingham"), Derby, Conn.
Farrel Foundry & Machine Co., Ansonia, Conn.
Lobdell Car Wheel Co., G nr Christiana, Wilmington, Del.
Thropp Wm. R. & Sons Co., Trenton, N. J.
Turner, Vaughn & Taylor Co. ("Vaughn"), Cuyahoga Falls, Ohio.
See adv index at end of book

8966—Rubber Cement Mixing Machines

American Tool & Machine Co., 10 High, Boston, Mass.
Quin Roy D, Willoughby, Ohio
WERNER & PFLEIDERER CO., 1232 No. Niagara, Saginaw, Mich.
See adv index at end of book

8966a—Rubber Covered Wire Panning Machines

Am. Insulating Machinery Co., Huntingdon & Fairhill, Phila., Pa.

8967—Rubber Doubling Machines

American Tool & Machine Co. (For Automobile Cloths, Waterproofing), 10 High, Boston, Mass.
Birmingham Iron Foundry ("Birmingham"), Derby, Conn.
Farrel Foundry & Machine Co., Ansonia, Conn.

8968—Rubber Grinding & Mixing Machines

Abbe Engineering Co., 220 B'way, New York. *See adv index at end of book*
Birmingham Iron Foundry ("Birmingham"), Derby, Conn.
CROSSLEY MACHINE CO., State & Chestnut av, Trenton, N. J.
See adv index at end of book
Farrel Foundry & Machine Co., Ansonia, Conn.
Thrapp Wm. R. & Sons Co., Trenton, N. J.
Turner, Vaughn & Taylor Co. ("Vaughn"), Cuyahoga Falls, Ohio
See adv index at end of book
Lobdell Car Wheel Co., G. nr Christiana, Wilmington, Del.
Thropp Wm. R. & Sons Co., Trenton, N. J.
THROPP'S JNO. E. SONS CO., ft of Lewis, Trenton, N. J.
See adv index at end of book
WERNER & PFLEIDERER CO., 1232 No. Niagara, Saginaw, Mich.
See adv index at end of book

8969—Rubber Hose Braiding Machines

New England Butt Co., 304 Pearl, Providence, R. I.
Textile Machine Works, Reading, Pa.

8970—Rubber Hose Making Machines

Adamson Machine Co., Akron, O.
See adv index at end of book
Baker Wm. H., Trenton, N. J.
Birmingham Iron Foundry ("Birmingham"), Derby, Conn.
Farrel Foundry & Machine Co., Ansonia, Conn.
New England Butt Co., 304 Pearl, Providence, R. I.
Royle Jno. & Sons, Paterson, N. J.

8971—Rubber Hose Wiring Machines

Baker Wm. H., Trenton, N. J.

8972—Rubber Mill Machinery

Abbe Engineering Co., 220 B'way, New York. *See adv index at end of book*
ADAMSON MACHINE CO. ("Adamson"), Akron, O. *See adv index at end of book*
American Tool & Machine Co. (Churns, Cement Mixers & Spreaders Doublers), 10 High, Boston, Mass.
Birmingham Iron Foundry ("Birmingham"), Derby, Conn.
Clark Edred W. (For Making Carriage Tires, Wire Covering), Hartford, Conn.
CROSSLEY MACHINE CO., State & Chestnut av, Trenton, N. J.
See adv index at end of book
Farrel Foundry & Machine Co., Ansonia, Conn.
Lobdell Car Wheel Co., G. nr Christiana, Wilmington, Del.
Mackenzie's Duncan Sons Co., Trenton, N. J.
Philadelphia Roll & Mach. Co., 25th & Washington av., Phila., Pa.
Thropp Wm. R. & Sons Co., Trenton, N. J.
THROPP'S JOHN E. SONS CO. (Complete Line of Rubber Mill Machinery), ft of Lewis, Trenton, N. J.
See adv index at end of book
Turner, Vaughn & Taylor Co. ("Vaughn" Equipment), Cuyahoga Falls, Ohio
See adv index at end of book
WERNER & PFLEIDERER CO. (Filter Presses, Masticators & Rubber Solution Machines & Rubber Washers), 1232 No. Niagara, Saginaw, Mich.
See adv index at end of book

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Day J. H. Co., Cincinnati, O.

8974—Rubber Reclaiming Machinery

Allen Machine Co., Erie, Pa.
American Process Co., 68 William, New York
Birmingham Iron Foundry ("Birmingham"), Derby, Conn.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Milts & Merrill, Saginaw, Mich.
Palmer Equipt Corpn, Railway Exchange Bldg, Chicago, Ill.
Royle Jno. & Sons, Paterson, N. J.

8975—Rubber Refining Machines

Farrel Foundry & Machine Co., Ansonia, Conn.
Thropp Wm. R. & Sons Co., Trenton, N. J.

8976—Rubber Shoddy Washing Machines

Baker Wm. H., Trenton, N. J.

8977—Rubber Slitting Machines

Cameron Machine Co., 61 Poplar, Brooklyn, N. Y.

8978—Rubber Solution Machines

WERNER & PFLEIDERER CO. ("Klingret Type"), 1232 No Niagara, Saginaw, Mich.
See adv index at end of book

8979—Rubber Spreading Machines

American Tool & Machine Co., 10 High, Boston, Mass.
New England Butt Co., 304 Pearl, Providence, R. I.

8980—Rubber Straining Machines

Allen Machine Co., Erie, Pa.
Housatonic Mach. & Tool Co., Bridgeport, Conn.

8981—Rubber Strip Cutting Machines

New England Butt Co., 304 Pearl Providence, R. I.

8982—Rubber Tire Applying Machinery

Pettigrew Foundry ("Burlington," for Applying Carriage Tires), Harvey, Ill.

8983—Rubber Tire Machines

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Clark Edred W. (Tubing, Tire & Electric, etc), Hartford, Conn.
Royle Jno. & Sons, Paterson, N. J.
THROPP'S JNO. E. SONS CO., ft of Lewis, Trenton, N. J.
See adv index at end of book

8984—Rubber Tube Making Machines

Adamson Machine Co., Akron, O.
See adv index at end of book
Allen Machine Co., Erie, Pa.
Clark Edred W., Hartford, Conn.
CROSSLEY MACHINE CO., State & Chestnut av, Trenton, N. J.
See adv index at end of book
Farrel Foundry & Machine Co., Ansonia, Conn.
Royle Jno. & Sons, Paterson, N. J.

8985—Rubber Tubing Machines

Allen Machine Co., Erie, Pa.
Clark Edred W., Hartford, Conn.
Housatonic Mach. & Tool Co., Bridgeport, Conn.
Royle John & Sons, Paterson, N. J.

8986—Rubber Varnishing Machines

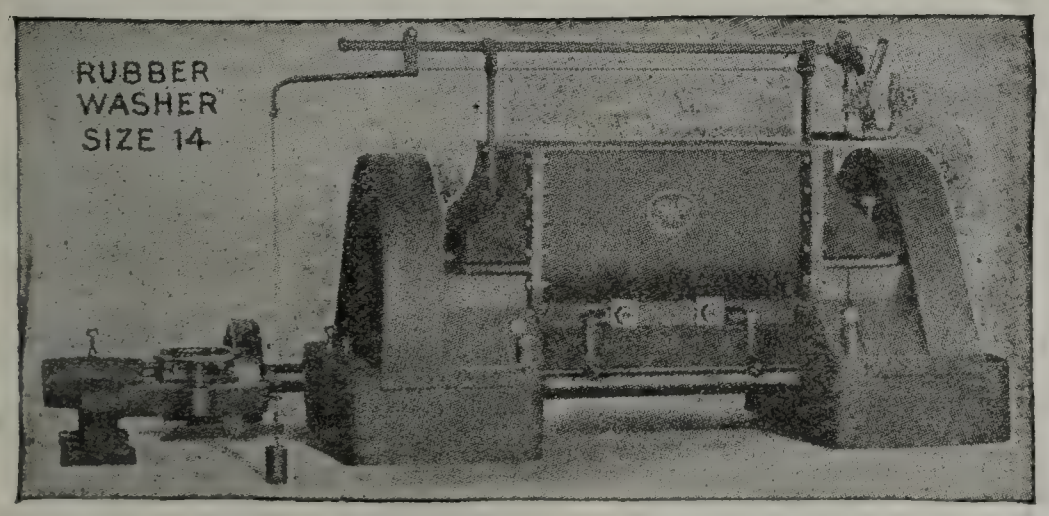
Birmingham Iron Foundry ("Birmingham"), Derby, Conn.

8987—Rubber Vulcanizing Machines

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Monitowac Engineering Works, Monitowac, Wis.
WILLIAMS FOUNDRY & MACHINE CO. ("Akron-Williams"), Akron, Ohio
See adv index at end of book

8988—Rubber Warming Machines

Palmer Equip't Corpn, Railway Exc Bldg., Chicago, Ill.
Thropp Wm. R. & Sons Co., Trenton, N. J.



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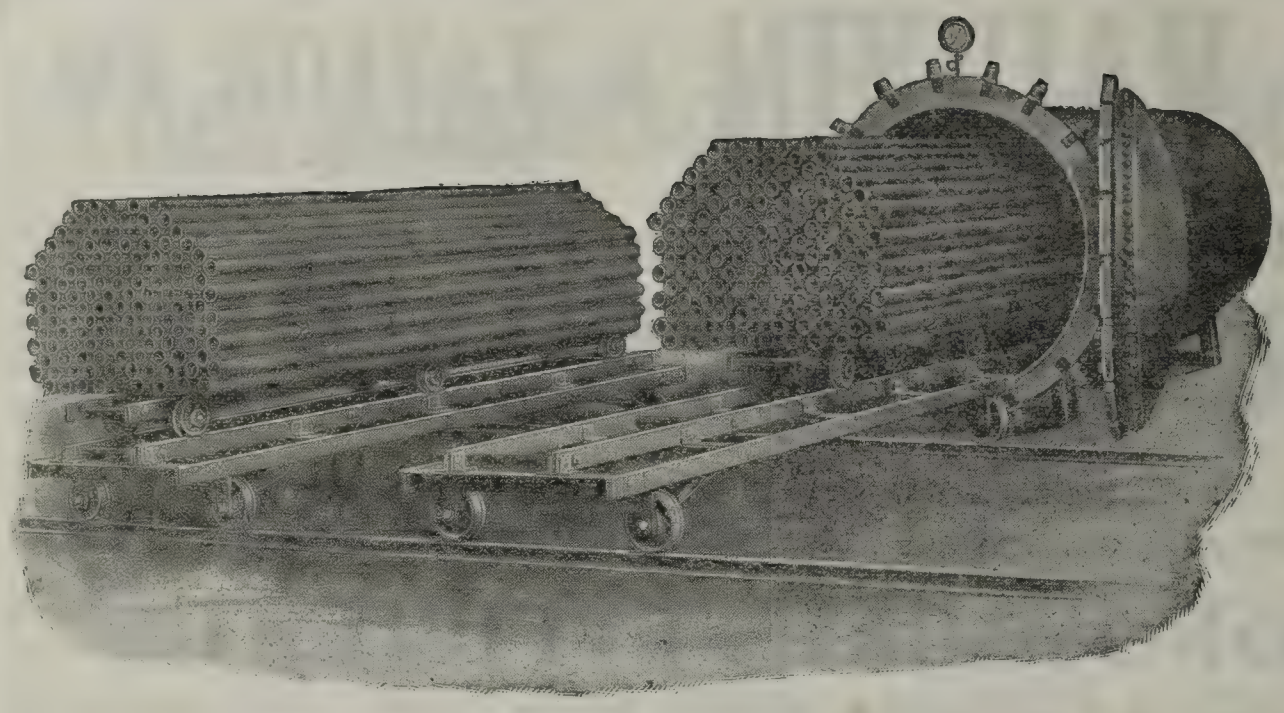

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Atlas Engineering Co., Amherst, O.
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Jackson & Church Co., Saginaw, Mich.
Wilmington Iron Works (Mixers), Wilmington, N. C.

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Frost Mfg. Co., Galesburg, Ill.
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Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.
National Engineering Co. ("Simpson"), 5 N La Salle, Chicago, Ill.
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See Molding Machines, Foundry

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Fay J. A. & Egan Co., Cincinnati, O.
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See Sifters, Sand

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See also File Room Machinery; also Band Saw Filing & Setting Machines

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Covel Mfg. Co. (Power Setting), Benton Harbor, Mich.
Detrick & Harvey Machine Co., 508 E Preston, Baltimore, Md.
Grammes L. F. & Sons, Allentown, Pa.
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Hanchett Swage Works (For Hand Saws), Big Rapids, Mich.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Keil-Dedlow Mfg. Co. ("Hand Saw"), Plainview, Nebr.
New Britain Machine Co. ("New Britain") 190 Chestnut, New Britain, Conn.
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Griffith & Wedge Co., Zanesville, O.
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Heilman Machine Works, Evansville, Ind.
Henderson W. K., Iron Works & Supply Co., Shreveport, La.
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
Hesse-Martin Iron Wks., 468 E Taylor, Portland, Ore.
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Humphrey Machine Co., Keene, N. H.
Ireland Machine & Foundry Co., Norwich, N. Y.
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Kline Lewis T., Alpena, Mich.
Knight Mfg. Co., Canton, O.
Lake Shore Engine Works, Marquette, Mich.
Lane Mfg. Co., Montpelier, Vt.
Lawrenceville Mfg. Co., Lawrenceville, Ga.
Lenker Frank K & Co., Millersburg, Pa.
Lexington Engine & Boiler Works, Lexington, Ky.
Liddell Co., Charlotte, N. C.
Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
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Lufkin Foundry & Machine Co., Lufkin, Tex.
Lyon Iron Works, Greene, N. Y.
McDonough Mfg. Co., Eau Claire, Wis.
Mallory & Roper Co., Macon, Ga.
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Sumner Iron Works, Everett, Wash.
Trevor Mfg. Co. (Short Log), Lockport, N. Y.
Union Iron Works, Bangor, Me.
U. S. Machine Co., Williamsport, Pa.
Vulcan Iron Works, 1849 Kearny, San Francisco, Cal.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Wheland Co., Chattanooga, Tenn.
Wickes Bros., Saginaw, Mich.
See adv index at end of book
Wilkin-Challoner Co., Oshkosh, Wis.
Woodruff Machinery Mfg. Co., Winder, Ga.
Woods S. A. Machinery Co. ("The Planers of Woods"), Boston, Mass.

9020—Saw Rounding Machines

Mixter J. W. Saw Tool Co., Plymouth, Mass.

Saw Setting Machines

See Saw Filing & Setting Machines; also Band Saw Filing & Setting Machines; also File Room Machinery

9021—Saw Sharpening Machines

See also Sharpeners, Saw; also Band Saw Filing & Setting Machines; also Saw Filing & Setting Machines

Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Black Diamond Saw & Mach. Works, Natick, Mass.
Cochrane-Bly Co. (Metal Saws), Rochester, N. Y.
Covel Mfg. Co. (For Automatic Band Gang, Circular & Metal Saws, etc), Benton Harbor, Mich.
Crown Iron Works Co. ("Blackmer"), 1229 Tyler, Minneapolis, Minn.
Diamond Machine Co., Providence, R. I.
Disston Henry & Sons ("Borthwick" or Emery Wheel Gummer), Tacony, Phila., Pa.
Espen-Lucas Machine Works (Power, Automatic), 21 Girard av, Phila., Pa.
Fairbanks E. & T. & Co., St. Johnsbury, Vt.
Higley Machine Co., Croton Falls, N. Y.
Hooker O. V. & Son (Automatic), St. Johnsbury, Vt.
Hunter Saw & Machine Co., 57th & Butler, Pittsburgh, Pa.
Newton Machine Tool Works (For Solid & Inserted Tooth Blades), 23 Vine, Phila., Pa.
Oliver Machinery Co. (Automatic), Grand Rapids, Mich.
Rogers Sam'l C. & Co. ("Buffalo" Band & Circulars), 10 Lock, Buffalo, N. Y.
Rotary File & Machine Co. (Automatic for Band & Circular Saws), 200 Diamond, Brooklyn, N. Y.
Wardwell Mfg. Co., 110 Hamilton av N E, Cleveland, O.
Yates P. B. Machine Co., Beloit, Wis.

9022—Saw Stretching Machines

Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Covel Mfg. Co., Benton Harbor, Mich.
Hanchett Swage Works, Big Rapids, Mich.
Yates P. B. Machine Co., Beloit, Wis.

9023-4—Saw & Chuck Machines

Nash J. M. ("Nash" Automatic), 842 30th, Milwaukee, Wis.

9025-6— Scarfing Machines

Mitts & Merrill (Band Saws), 1939 S Water, Saginaw, Mich.
United Engineering & Foundry Co. (Movable Motor Driven for Pipe & Tube Mills), 307 5th av, Pittsburgh, Pa.

9027— Scow Machinery

Superior Iron Works Co., Superior, Wis.

Scrap Reclaiming Machines

See Rolls, Scrap Reclaiming

9028—Scrap Wire Bundling Machines

Turner-Vaughn & Taylor Co., Cayahoga Falls, O. *See adv index at end of book*

9029— Screening Machinery

Batavia Engineering Works, Batavia, Ill.
Chain Belt Co., Milwaukee, Wis.
Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor" Grain & Seed Extractors), Silver Creek, N. Y.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Stephens-Adamson Mfg. Co., Aurora, Ill.
Webster Mfg. Co., Tiffin, O.

9030—Screw Bank Heading Machines

Manville E. J. Machine Co., Waterbury, Conn.

9031—Screw Cap Rolling Machines

AMERICAN CAN CO. (Machinery Dept.), ("Rudolphi & Krummel" Automatic), Monroe bldg, Chicago, Ill.
See adv index at end of book

9032—Screw Cutting Machines

Automatic Machine Co., Bridgeport, Conn.
GREENFIELD TAP & DIE CORP'N ("G. T. D." with Automatic Die Heads for Bolts, Nuts & Pipe), Greenfield, Mass. *See adv index at end of book*
Landis Machine Co., Waynesboro, Pa.
National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.
Potter & Johnston Machine Co., Pawtucket, R. I.
Rivett, Lathe & Grinder Co., 2 Brooks Brighton, Boston, Mass.

9033—Screw Driving Machines

Reynolds Machine Co. ("Reynolds" Automatic Power), Moline, Ill.

9034—Screw Heading Machines

Cook Asa S. Co., Hartford, Conn.
International Machine & Screw Co., Springfield, Mass.
Manville E. J. Machine Co., Waterbury, Conn.

9035— Screw Machines

See also Lathes, Turret

Acme Machine Tool Co., Cincinnati, O.
Brown & Sharpe Mfg. Co. (Plain, Wire Feed Automatic, etc), Providence, R. I.
Dreses Machine Tool Co., Cincinnati, O.
Foster Machine Co., Elkhart, Ind.
Himoff Machine Co., 50 Church, New York
International Machine & Screw Co., Springfield, Mass.
Jones & Lamson Machine Co., Springfield, Vt.
Leisy-Patton Co. (Turret), 1837 E 35th, Cleveland, O.
Meriden Mach. Tool Co. (Hand), Meriden, Conn.
Millholland W. K. Machine Co., Indianapolis, Ind.
National-Acme Mfg. Co., 7500 Stanton av., S. E., Cleveland, O.
New Britain Machine Co., ("New Britain," Six Spindle Automatic), 190 Chestnut, New Britain, Conn.
PRENTISS HENRY & CO. INC. (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York
See adv index at end of book
Smurr & Kamen Machine Co. (Plain Head), 313 N Whipple, Chicago, Ill.
Stecher Chas. Co., 1580 Crossing, Chicago, Ill.
Strong, Carlisle & Hammond Co., 336-344 Frankfort av, N W, Cleveland, O.
Wachs E. H. Co. (Hand), 1525 Dayton, Chicago, Ill.
Warner & Swasey Co. (Turret), Cleveland, O.
Wood Turret Machine Co. (Tilted Turret), Brazil, Ind.

9036—Screw Machines (Automatic)

Brown & Sharpe Mfg. Co., Providence, R. I.
Chicago Automatic Machine Co., 400 N Oakley Bl., Chicago, Ill.
CINCINNATI AUTOMATIC MACHINE CO., Oakley, Cincinnati, O.
Cleveland Automatic Machine Co., Cleveland, O.
Davenport Machine Tool Co., ("Davenport Multiple Spindle"), New Bedford, Mass.
Hartford Machine Screw Co., (Turning & Threading), Hartford, Conn.
National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.
New Britain Machine Co., ("New Britain" Six Spindle), 190 Chestnut, New Britain, Conn.
Peerless Automatic Machine Co., (Multiple Spindle), Cleveland, O.
Pratt & Whitney Co. (With Magazine Attachment, etc.), Hartford, Conn.
Prentiss Henry & Co., Inc. (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York
See adv index at end of book

9037—Screw Machines (Gimlet Pointing)

Manville E. J. Machine Co., Waterbury, Conn.
National Machinery Co., Tiffin, O.
Pawtucket Mfg. Co., Pawtucket, R. I.

9038—Screw Machines (Hand)

Bardons & Oliver, Cleveland, O.
Brown & Sharpe Mfg. Co., Providence, R. I.
Dresses Machine Tool Co., Cincinnati, O.
Fay & Scott, Dexter, Me.
Garvin Machine Co. (Double Turret), 147 Varick, New York
Greenfield Tap & Die Corpn. ("Nutter & Barnes" Double Automatic), Greenfield, Mass. *See adv index at end of book*
Pratt & Whitney Co., Hartford, Conn.
Prentiss Henry & Co., Inc. (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York
See adv index at end of book
Stecher Chas. Co., 1574 Crossing, Chicago, Ill.
Turner Machine Co., Danbury, Conn.
Warner & Swasey Co., Cleveland, O.

9039-40—Screw Machines (Multiple Spindle)

Cincinnati Automatic Machine Co., Oakley, Cincinnati, O.
FITCHBURG AUTOMATIC MACHINE WORKS ("Radical" Automatic), Fitchburg, Mass.
National-Acme Mfg. Co., 7500 Stanton av, S E Cleveland, O.
New Britain Machine Co. ("New Britain" Six Spindle), 190 Chestnut, New Britain, Conn.

9041-2—Screw Pointing Machines

Pawtucket Mfg. Co. (For Coach Screws), Pawtucket, R. I.

9043—Screw Shaving Machines

Garvin Machine Co. (Screw Head Shaving), 147 Varick, New York
International Machine & Screw Co., Springfield, Mass.
Manville E. J. Machine Co. (Shaving & Slotting Combined), Waterbury, Conn.
Pawtucket Mfg. Co., Pawtucket, R. I.
Potter & Johnston Machine Co. (Shaving & Turning), Pawtucket, R. I.
Pratt & Whitney Co., Hartford, Conn.

9044—Screw Slotting Machines

See also Slotting Machines

Brown & Sharpe Mfg. Co., Providence, R. I.
Garvin Machine Co., 147 Varick, New York
Hartford Machine Screw Co., Hartford, Conn.
Hubbell Harvey, Bridgeport, Conn.
International Machine & Screw Co., Springfield, Mass.
Manville E. J. Machine Co., Waterbury, Conn.

National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.
Pratt & Whitney Co., Hartford, Conn.
Waterbury Farrel Foundry & Machine Co. (Automatic), Waterbury, Conn.

9045—Screw Spike Driving Machines

Greenlee Bros. & Co., Rockford, Ill.

9046—Screw Thread Rolling Machines

Acme Machinery Co., Cleveland, O.
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
International Machine & Screw Co., Springfield, Mass.
Leffler Chas. & Co. (For Sheet Metal Screws, etc), 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*
Manville E. J. Machine Co. (Automatic), Waterbury, Conn.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

9047—Scroll Sawing Machines

American Woodworking Mach'y Co., Rochester, N. Y.
Barnes W. F. & Jno. Co. (Foot & Power), Rockford, Ill.
Beach Mfg. Co., Montrose, Pa.
Bentel & Margedant Co., Hamilton, O.
Colladay Jas. O. Co., 626 Race, Phila., Pa.
Cordesman-Rechtin Co., Butler, Cincinnati, O.
Fay J. A. & Egan Co., Cincinnati, O.
Frank Machinery Co., Buffalo, N. Y.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Hall & Brown Woodworking Machine Co. 1913 N B'way, St. Louis, Mo.
Jones Superior Machine Co., 1264 W North av, Chicago, Ill.
Oliver Machinery Co., Grand Rapids, Mich.
Seneca Falls Mfg. Co. ("Victor," Foot & Power), Seneca Falls N Y.

9048—Scythe Rolling Machines

Birmingham Iron Foundry, Derby, Conn.

9049— Sealing Machinery

Anderson W. J. & Co. (Rapid), 341 B'way, New York
Chicago Gum Tape Co., 375 E Illinois, Chicago, Ill.
Johnson Automatic Sealer Co., Ltd., Battle Creek, Mich.
King Spec. Co., Detroit, Mich.
Liberty Paper Co., 52 Vanderbilt av, New York
Metal Specialties Mfg. Co. (Gummed Tape), 338 N Kedzie av, Chicago, Ill.
National Binding Machine Co., 260 West, New York
Pneumatic Scale Corp. (Ltd.), (Automatic), Norfolk Downs, Mass.
Powell Sealer & Tape Mfg. Co., Westerville, O.
Rexford Gummed Tape Co., 598 Clinton av, Milwaukee, Wis.

9050— Seaming Machines

BLISS E. W. CO. (Sheet Metal), 19 Adams, Brooklyn, N. Y.
See adv index at end of book
Canton Foundry & Machine Co. ("Universal," Power for Long Length Pipe), Canton, O.

9050a—Seamless Tubing Machinery

Metals Working Co., 305 5th av, Pittsburgh, Pa.

9051—Seat Back Bending Machinery

Bentel & Margedant Co., Hamilton, O.

Seine Making Machinery

See Netting Machines

9052—Separating Machinery (Cotton Seed)

Atlanta Mfg. & Supply Co., Atlanta, Ga.
Buckeye Iron & Brass Works, Dayton, O.

9053—Sewer Cleaning Machines

Shannon J. H. & R. Co. ("Shannon"), 538 Bergen av, Jersey City, N. J.
Stevenson W. J., 1720 Cedar, Milwaukee, Wis.

9054—Sewer Pipe Machinery

American Clay Machinery Co., S Walnut, Bucyrus, O.
Besser Mfg. Co., Alpena, Mich.
Sioux City Engine & Machinery Co., Sioux City, Iowa
Stevenson Co., Wellsville, O.
Taplin-Rice-Clerkin Co., Akron, O.

9055—Sewer & Trench Excavating Machines

Austin F. C. Co., Inc., Ry. Exch. bldg, Chicago, Ill.
Buckeye Traction Ditcher Co. (Trench), Findlay, O.
Carson Trench Machine Co., 16 Dorrance, Boston, Mass.
Economy Excavator Co., Iowa Falls, Ia.
Heffron Trenching Co., Cleveland, O.
Heggie W. J. ("Monahan"), Joliet, Ill.
Keystone Driller Co. (Ditcher), Beaver Falls, Pa.
MACHINERY WAREHOUSE & SALES CO., Old Colony bldg, Chicago, Ill.
Marion Steam Shovel Co., P. O. Box 505, Marion, O.
Noble H. A. Co. (Odorless Excavating), 203 Dock, Phila., Pa.
Osgood Co., Marion, O.
Parsons G. W. Co. ("Parson's"), Newton, Ia.
Pawling & Harnischfeger Co. (Wheel or Ladder), Milwaukee, Wis.
Potter Mfg. Co., Indianapolis, Ind.
Waterloo Cement Machinery Corp., Waterloo, Ia.

9056— Sewing Machine Mfrs.

Bauer Machine Co. (Lock Stitch), Jeffersonville, Ind.
Bergbom & Roberg (Hand), 218 N Jefferson, Chicago, Ill.
Birch Bros., Somerville, Mass.
Champion Shoe Machinery Co., 3727 Forest Park blvd, St. Louis, Mo.
Curtis Herbert Co. (Brasser, Pique, Union Wax & All Kinds Special Sewing Machines), Gloversville, N. Y.
Curtis & Marble Machine Co. (Railway), Worcester, Mass.
Davis Sewing Machine Co., Dayton, O.
Dinsmore Mfg. Co., Salem, Mass.
Domestic Sewing Machine Co., 19 W Jackson blvd, Chicago, Ill.
Fales L. F. ("Maniplex" Multiple Needle), Walpole, Mass.
Foley-Williams Supply Co., 19 W Jackson blvd, Chicago, Ill.
Industrial Mfg. Co., Camden, N. J.
King Sewing Machine Co., Buffalo, N. Y.
Kruse & Murphy Mfg. Co., 100 E 130th, New York
Landis Machine Co., 25th & Mullanphy, St. Louis, Mo.
Leyland Thos. & Co. (Whaleback), Readville, Mass.
Mason A. G. Mfg. Co. ("Florence" Family), St. Clair & E 79th, Cleveland, O.
Merrow Machine Co. ("Merrow" High Speed Trimming & Over Seaming), Hartford, Conn.
Metropolitan Sewing Machine Co., Nyack, N. Y.
National Automatic Knitter Co., 2725 Mutter, Phila., Pa.
National Sewing Machine Co., Belvidere, Ill.
New Home Sewing Machine Co., Orange, Mass.
Simmons Hardware Co., 9th & Spruce, St. Louis, Mo.
Singer Sewing Machine Co., 149 B'way, New York
Smith & Egge Mfg. Co. (Automatic Hand), Bridgeport, Conn.
Standard Sewing Machine Co. (For Family & Mfg. Use), 6402 Cedar av, S E, Cleveland, O.
Union Lock Stitch Co., E Boston, Mass.
White Sewing Machine Co., Cleveland, O.
Wilcox & Gibbs Sewing Mach. Co. (Chain Lock & Overlock Stitch), 658 B'way, New York
Williams Mfg. Co., Ltd., Plattsburg, N. Y.

9057—Sewing Machines (Bag)

Singer Sewing Mach. Co., 149 B'way, New York
Standard Sewing Machine Co., 6402 Cedar av, S E, Cleveland, O.
Union Special Machine Co., 300 W Kinzie, Chicago, Ill.
Wilcox & Gibbs Sewing Mach. Co., 658 B'way, New York

9058—Sewing Machines (Blind Stitch)

American Blind Stitch Machine Co. ("Dearborn's" Patents), 325 Lafayette, New York

9059—Sewing Machines (Boot & Shoe)

Champion Shoe Mach'y Co., 3727 Forest Park blvd, St. Louis, Mo.
Landis Machine Co. ("Fleming" Shoe Soling), 25th & Mullanphy, St. Louis, Mo.
Puritan Mfg. Co., 121 Beach, Boston, Mass.
Singer Sewing Mach. Co., 149 B'way, New York
Tennis A. H., 47 E 19th, New York
Union Special Machine Co., 300 W Kinzie, Chicago, Ill.
White Sewing Machine Co., Cleveland, O.

9060—Sewing Machines (Broom & Whisk)

Cassard Hamilton, Holliday & Pleasant, Baltimore, Md.
Hand Stitch Broom Sewing Machine Co., 424 1st av, Pittsburgh, Pa.
Mercantile Warehouse Co. (Steam), 53 Beach, New York
Walrath Alphonso Co. ("Lipe-Walrath"), Fort Plain, N. Y.

9061—Sewing Machines (Button)

Singer Sewing Mach. Co., 149 B'way, New York
Standard Sewing Machine Co., 6402 Cedar av, S E, Cleveland, O.
Union Button Sewing Co. (For Flat Shank & Covered Buttons), 394 Atlantic av, Boston, Mass.

Sewing Machines (Button Hole)

See Buttonhole Machines

9062—Sewing Machines (Carpet)

Consolidated Carpet Sewing Machine Co., Bridgeport, Conn.
Singer Sewing Machine Co., 149 B'way, New York
Taft Machine Co., 229 Globe, Providence, R. I.

9063—Sewing Machines (Chain Stitch)

Kruse & Murphy Mfg. Co., 100 E 130th, New York
Metropolitan Sewing Machine Co., Nyack, N. Y.
Singer Sewing Mach. Co., 149 B'way, New York
Smith & Egge Mfg. Co. ("Little Comfort" Hand), Bridgeport, Conn.
Standard Sewing Machine Co. (Lock, Stitch), 6402 Cedar av, S E, Cleveland, Ohio
Wilcox & Gibbs Sewing Machine Co., 658 B'way, New York

9063a—Sewing Machines (Darning & Marking)

Standard Sewing Machine Co., 6402 Cedar av, S E, Cleveland, O.

9064—Sewing Machines (Glove)

Ahlstrom O. J., 711 B'way, New York
Curtin Hebert Co. (For Leather, Canvas or Silk Gloves), Gloversville, N. Y.
Singer Sewing Mach. Co., 149 B'way, New York
Standard Sewing Machine Co., 6402 Cedar av, S E, Cleveland, O.
White Sewing Machine Co., Cleveland, O.
Wilcox & Gibbs Sewing Machine Co., 658 B'way, New York
Williams Mfg. Co. Ltd., Plattsburg, N. Y.

9065—Sewing Machines (Hat)

Bulasky L., 44 E Houston, New York
Durbrow & Hearne Mfg. Co., 12 Wooster, New York
Singer Sewing Machine Co., 149 B'way, New York
Wilcox & Gibbs Sewing Machine Co., 658 B'way, New York

9066—Sewing Machines (Leather)

Champion Shoe Machinery Co., 3727 Forest Park blvd, St. Louis, Mo.
Landis Machine Co. (Harness, etc), 25th & Mullanphy, St. Louis, Mo.
Singer Sewing Machine Co. (For Harness Mfrs., Comage Leather, etc.), 149 B'way, New York
Union Lock Stitch Co. (For Harness etc), E Boston, Mass.

9067—Sewing Machines (Mattress)

Singer Sewing Mach. Co., 149 B'way, New York
Standard Sewing Machine Co., 6402 Cedar av, S E, Cleveland, O.
Union Special Machine Co., 800 W Kinzie, Chicago, Ill.

9068—Sewing Machines (Multiple Needle)

Fales L. F. ("Maniplex," Heavy Duty Lock Stitch), Walpole, Mass.
Singer Sewing Mach. Co., 149 B'way, New York
Standard Sewing Machine Co., 6402 Cedar av, S E, Cleveland, O.

9069—Sewing Machines (Over Seaming)

Singer Sewing Mach. Co., 149 B'way, New York
Spindler E. O. (Imp), 350 B'way, New York

9070—Sewing Machines (Railway)

Dinsmore Mfg. Co. (Portable Hand Power), Salem, Mass.

9071—Sewing Machines (Sail-makers')

Singer Sewing Machine Co., 149 B'way, New York
Standard Sewing Machine Co., 6402 Cedar av, S E, Cleveland, O.

9072—Sewing Machines (Straw Hat)

Bulasky L. (Braid), 44 E Houston, New York
Singer Sewing Mach. Co., 149 B'way, New York
Wilcox & Gibbs Sewing Machine Co. (Visible & Concealed Stitch), 558 B'way, New York

9073—Shading Machines (Lithographers' & Photo-Engravers')

American Shading Mach. Co., 164 Rano, Buffalo, N. Y.

9073a—*Shaft (Flexible) Machinery

SLEEPER & HARTLEY, INC. (Automatic), 68 Prescott, Worcester, Mass.
See adv index at end of book

9074—Shaft Polishing Machines

Brightman Mfg. Co., Columbus, O.

9075—Shaft Straightening Machines

Abramsen Engineering Co., Pittsburgh, Pa.
Brightman Mfg. Co., Columbus, O.
Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
Hydraulic Press Mfg. Co., Mt. Gilead, O.
Kane & Roach, Syracuse, N. Y.
Logemann Bros. Co. ("Logemann," Hydraulic Shaft, Pipe & Bar Straightener), 3130 Burleigh, Milwaukee, Wis.
Niles-Bement-Pond Co., 111 B'way, New York
Putnam Machine Co., Fitchburg, Mass.
Springfield Machine Tool Co., Springfield, Ohio
WATSON-STILLMAN CO. (Hydraulic), 38 Church, New York
See adv index at end of book

Shaft Turning Machines

See Lathes, Shaft Turning

9076—Shaft & Pole Machinery

Defiance Machine Works, Defiance, O.

9077— Shafting Machinery

Brightman Mfg. Co., Columbus, O.
Franklin Machine Co., 189 Charles, Providence, R. I.

9078—Shaping Machines for Steel Foundries

Wetherill R. & Co., Chester, Pa.

9079—Shaping Machines (Metal)

American Tool Works Co. (Crank), Cincinnati, O.
Barker Wm. & Co. (Crank & Geared), Covington, Ky.
Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, Ohio
Cochrane-Bly Co. (Universal, for Die & Tool Making), Rochester, N. Y.
Columbia Machine Tool Co., Hamilton, O.
Davis Machine Tool Co. (Crank), Rochester, N. Y.
Gould & Eberhardt, Newark, N. J.
Hendey Machine Co. ("Hendey," 15, 20 & 24 Friction Drive, 16-20 inch Crank Drive, Belt & Motor Driven), Torrington, Conn.
Juengst Geo. & Sons (Crank), Croton Falls, N. Y.
Kelly R. A. Co. (Crank), Xenia, O.
Milwaukee Shaper & Transmission Appliance Co., Milwaukee, Wis.
Morton Mfg Co. (Draw Cut), Muskegon Heights, Mich.
Ohio Machine Tool Co. ("Ohio" Crank Shaper, Single & Back Geared), Kenton, O.
Potter & Johnston Machine Co. (Universal), Pawtucket, R. I.
Pratt & Whitney Co. (Vertical), Hartford, Conn.
Prentiss Henry & Co., Inc. (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York
See adv index at end of book
Queen City Machine Tool Co. (Back Geared Crank Shaft, etc), 1405 Sycamore, Cincinnati, O.
RHODES MFG CO. ("Rhodes" Crank), 984 Park, Hartford, Conn.
See adv index at end of book

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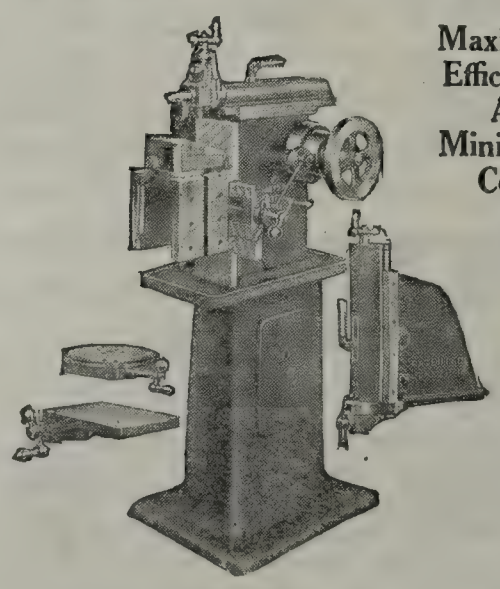

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Rockford Machine Tool Co. ("Rockford," Single Geared Crank, Back Geared Crank, etc), Rockford, Ill.
Ryerson Jos. T. & Son ("Rockford"), 2558 W 16th, Chicago, Ill.
See adv index at end of book
Smith & Mills Co. (Crank & Geared), Cincinnati, O.
Springfield Machine Tool Co. (Crank & Geared), Spring Grove av, Springfield, Ohio
Steptoe Jno. Co. (Single or Back & Geared), 2951 Colerain av, Cincinnati, Ohio
Stockbridge Machine Co. (Two-Piece Crank & Geared Drive), Worcester, Mass.

9080—Shaping Machines (Wood)

See also Wood Carving Machines

Advance Machinery Co., Toledo, O.
American Steam Pump Co., Battle Creek, Mich.
American Woodworking Machinery Co., Rochester, N. Y.
Bentel & Margedant Co., Hamilton, O.
Colladay Joseph O. Co., 626 Race, Phila., Pa.
Cordesman-Rechtin Co., Butler, Cincinnati, O.
Crescent Machine Co., Leetonia, O.
Defiance Machine Works, Defiance, O.
Fay J. A. & Egan Co., Cincinnati, O.
Frank Machinery Co., Buffalo, N. Y.
Hall & Brown Wood Working Machine Co. (Double Spindle, etc), 1913 N B'way, St. Louis, Mo.
Heath W. A. Machine Co., Lestershire, N. Y.
Jenkins Machine Co. (Two Spindle Vertical Ball Bearing Shaper), Sheboygan, Wis.
Jones Superior Machine Co. ("Superior"), 1264 W North av, Chicago, Ill.
Klotz Machine Co., Sandusky, O.
Ober Mfg. Co. (Combined Shaper, Saw & Jointer), Chagrin Falls, O.
Oliver Machinery Co., Grand Rapids, Mich.
Porter C. O. Machinery Co., Grand Rapids, Mich.
Power L. & Co., 20 S 23d, Phila., Pa.
Prentiss Henry & Co., Inc. (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York
See adv index at end of book
Smith H. B. Machine Co., Smithville, N. J.
Towsley Jno. T. Mfg. Co., Cincinnati, Ohio
Whitney Baxter D. & Son (Double Spindle), Winchenden, Mass.
Wood Turning Machine Co. (Shaping & Turning), Beloit, Wis.
Yates P. B. Machine Co., Beloit, Wis.

9081—Sharpening Machines (Safety Razor Blade)

Hill A. E. Mfg. Co., Atlanta, Ga.
HYFIELD MFG. CO. ("Hyfield"), 21 Walker, New York
Odell Mfg. Co. ("Odell"), 343 S Dearborn, Chicago, Ill.
Stag Co., 329 Plymouth ct, Chicago, Ill.

9082—Shavings Washing Machines

A. B. & B. Specialty Co., 3300 Fond Du Lac av, Milwaukee, Wis.
Danner Adam Co., Yonkers, N. Y.
Kaetsner & Hecht Co., 500 Throop, Chicago, Ill.
Olsen & Tilgner Mfg. Co. (Automatic & Reversible), 2280 Elston av, Chicago, Ill.
Schock Gustav & Son, 514 W 57th, New York

9083—Shear & Flanging Machines (Combined)

Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*

9084—Sheep Shearing Machines

American Shearer Mfg. Co. ("Priest's"), Nashua, N. H.
Chicago Flexible Shaft Co. ("Stewart" Ball Bearing), 5600 W 12th, Chicago, Ill.
Coates Clipper Mfg. Co. ("Coates" Flexible Shaft), Worcester, Mass.
Gillette Clipping Mach. Co., 129 W 31st, New York
Goes Oscar & Co. ("Allen" & "Pioneer-American"), 1822 W Lake, Chicago, Ill.

9085—Sheet Lead Rolling Machines

Farrel Foundry & Machine Co., Ansonia, Conn.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

9086—Sheet Metal Barrel & Drum Machinery

NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*

9087—Sheet Metal Forming Machinery

See also Sheet Metal Workers' Machines & Tools

Baird Machine Co. ("Automatic"), Bridgeport, Conn.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

Rock River Machine Co., Janesville, Wis.
Slaysman & Co., cor Pratt & President, Baltimore, Md.

9088-9—Sheet Metal Lath Machines (Antique)

Ohl Geo. A. & Co., 159 Oraton, Newark, N. J.

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Excelsior Tool & Mach. Co., 32nd & Ridge, East St. Louis, Ill.

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9091—Sheet Metal Workers' Machines & Tools

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Bartlett Edwin C., Nashua, N. H.
Bath John & Co., Inc., Worcester, Mass.
Bertsch & Co., Cambridge City, Ind.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Braun, J. G., 609 S. Paulina, Chicago, Ill.
Brown F. S. & G. L. Mach. Co., 26 E. Fort av., Baltimore, Md.
Canton Foundry & Machine Co. ("Universal"), Canton, O.
Cleveland Machinery & Suppy Co., Cleveland Nat'l Bank bldg, Cleveland, O.
Consolidated Press Co., Hastings, Mich.
Double Truss Cornice Brake Co., Buffalo, N. Y.
Dreis & Krump Mfg. Co., 2911 S Halsted, Chicago, Ill.
Excelsior Tool & Mach. Co., 32d & Ridge, East St. Louis, Ill.
Ferracute Mach. Co., Bridgeton, N. J.
Heartley Machine Variety Iron & Tool Works, 900 Summit, Toledo, O.

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Keene Geo. C. & Co., 2327 Florence av, Cincinnati, O.
Kling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.

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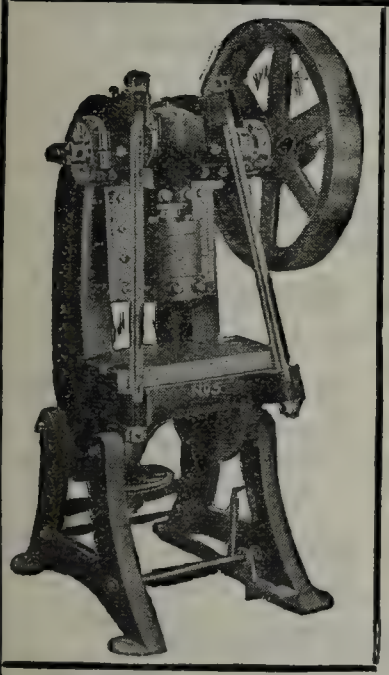
MERCHANT & EVANS CO., 2035 Washington av, Phila., Pa. *See adv index at end of book*
Meriden Press & Drop Co. ("Merriman"), Meriden, Conn.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. *See adv index at end of book*
Ohl Geo. A. & Co., 159 Oraton, Newark, N. J.



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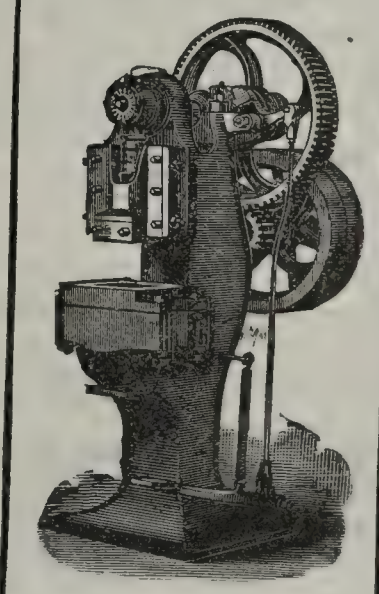

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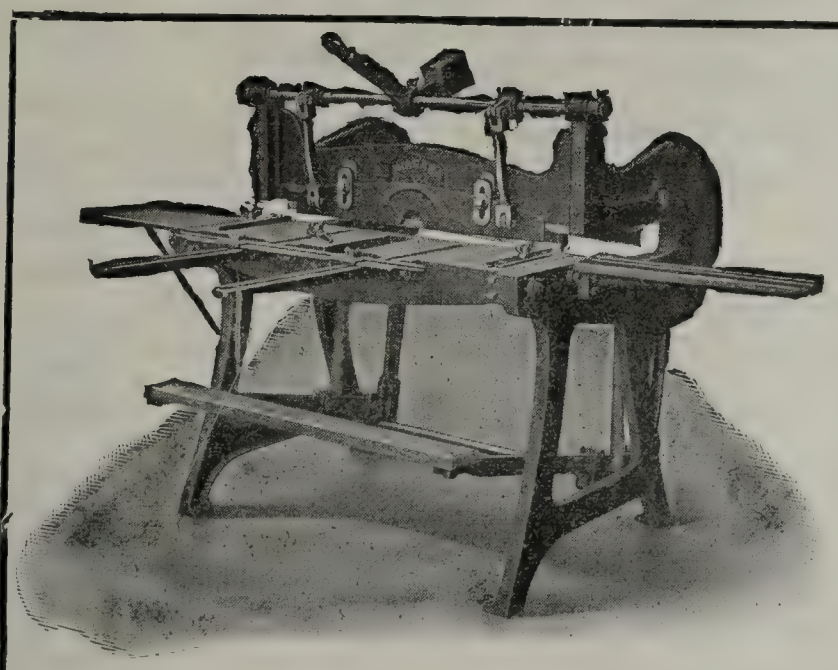

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Yoder C. M. Co., 5510 Walworth av, Cleveland, O.
Zeh & Hahnemann Co., Vanderpool, Newark, N. J.

9092— Sheet Mill Machinery

See also Rolling Mill Machinery

Aetna Foundry & Machine Co., Warren, O.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
HILLES & JONES CO. (Shears & Levelers), East Wilmington, Del.
See adv index at end of book
MESTA MACHINE CO., Pittsburgh, Pa.
See adv index at end of book
National Roll & Foundry Co., Avonmore, Pa.
United Enging. & Fdry. Co., 307 5th av,

Sheet Pile Driving Machines

See Pneumatic Pile Drivers

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New Haven Sheradizing Co., New Haven, Conn.

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Southern Engine & Boiler Wks., Jackson, Tenn.
Street Bros. Machine Works, Chattanooga, Tenn. *See adv index at end of book*
Sumner Iron Works, Everett, Wash.
Trevor Mfg. Co., Lockport, N. Y.
Union Iron Works, Bangor, Me.
United States Machine Co., Williamsport, Pa.
Wheland Co., Chattanooga, Tenn.
Woodruff Machinery Mfg. Co., Winder, Ga.

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MORGAN ENGINEERING CO., Alliance, O. *See adv index at end of book*
Woods S. A. Machine Co. ("The Planer of Woods"), Boston, Mass.

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Adams Jno. J., Worcester, Mass.
Allen Die Block Co., Haverhill, Mass.
Bartlett E. E., 326 A, Boston, Mass.
Booth Bros. Co., Rochester, N. Y.
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Cilley W. W. & Co. (Stitchers), Lynn, Mass.
Essex Machine Co., Lynn, Mass.
Freeman Louis G. Co., 210 E 9th, Cincinnati, O.
Freeman Machine Co., Lawrence, Mass.
Hamel Shoe Machinery Co., Lynn, Mass.
Progressive Shoe Machinery Co., 3132 Snelling av, Minneapolis, Minn.
Seelye Mfg. Co., 49 High, Boston, Mass.
Shawmut Machy. Co., 82 Lincoln, Boston, Mass.
Specialty Shoe Machinery Co. (For Repair Shops), St. Joseph, Mo.
Stewart Bros., Lynn, Mass.
Tower Bros., Hudson, Mass.
United Shoe Machy. Co., 205 Lincoln, Boston, Mass.
Young W. J. Machinery Co., 418 Union, Lynn, Mass.

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Defiance Machine Works, Defiance, O.

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Bertsch & Co., Cambridge City, Ind.
Garrison A. Foundry Co. (Rolling Mill), 901 Bingham, Pittsburgh, Pa.
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Shrapnel Machinery

See Projectile Machinery

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Wolf Co., Chambersburg, Pa.

9115— Sifting Machinery

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
CROSSLEY MACHINE CO. (For Wet Clay), State & Chestnut av, Trenton, N. J. *See adv index at end of book*
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Nordyke & Marmon Co., Kentucky av, Indianapolis, Ind.
Noye Bros. Co., Buffalo, N. Y.
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Sprout Waldron & Co., Muncy, Pa.
Werner & Pfleiderer Co., 1232 N Niagara, Saginaw, Mich.
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Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

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United Engineering & Foundry Co. (For ⅜ to 4-inch Butt Wind Pipe), 307 5th av, Pittsburgh, Pa.

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Lang E. M. Co. (Canners), Portland, Me.

9119— Skelp Charging Machines (Magnetic)

Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

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Black-Clawson Co. (For Cutting Hides, Pate, etc, for Glue Stock), Hamilton, Ohio

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See Barrel, Keg, Stave & Heading Machinery

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Ruggles Machine Co. (Dressing & Punching), Poultney, Vt.

9125-6—Slate Drilling & Countersinking Machines

Ruggles Mach. Co. ("Ruggles"), Poultney, Vt.

Slate Grooving Machines

9127— Slate Machinery

Lincoln Iron Works, Rutland, Vt.
Patch F. R. Mfg. Co., Rutland, Vt.
Ruggles Machine Co. (Planers, Saws, Groovers, Trimmers, Drills, etc), Poultney, Vt.

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Norman Slate Picker Co., Nanticoke, Pa.

9129-30—Slaughter House Machinery

See also Packing House Machinery

Brecht Co., 1201 Cass av, St. Louis, Mo.
Faber F. H. Co., Peoria, Ill.
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Jacobs Bros. Co., 539 W 39th, New York
Smith's John E. Sons Co., Buffalo, N. Y.
Streeter N. R. & Co. ("Sterling"), Rochester, N. Y.
U. S. Slicing Machine Co. (Meat), Laporte, Ind.
Wolf, Sayer & Heller ("Peerless" Smoked Beef), Fulton & Peoria, Chicago, Ill.

9132— Slip Joint Machines

Canton Foundry & Machine Co. ("Universal"), Canton, O.

9133—Slip Roll Forming Machines

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9134— Slitting Machines

See also Sheet Metal Workers' Machines & Tools

Blake & Johnson Co., 1500 Thomaston av Waterbury, Conn.
See adv index at end of book
BLISS E. W. CO. (Sheet Metal), 19 Adams, Brooklyn, N. Y.
See adv index at end of book
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Kidder Press Co., Dover, N. H.
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Mitchell Jno. R. Co. (Gang Slitters), 702 S Washington, Baltimore, Md.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
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Standard Machinery Co. (Gang), Providence, R. I.
Toledo Machine & Tool Co. (Gang), Toledo, Ohio
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
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Mitchell John R. Co. (Gang), 702 S Washington, Baltimore, Md.
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See adv index at end of book
Standard Machinery Co., Providence, R. I.
Toledo Machine & Tool Co., Toledo, O.

Slot Machines

See Vending Machines

9136— Slotting Machines

See also Screw Slotting Machines

Baker Bros., Toledo, O.
Betts Machine Co. (8 to 26-inch Stroke), Maryland av & South, Wilmington, Del.
Bilton Machine Tool Co. (The), ("Bilton" Automatic Disc), Bridgeport, Conn.
Clough R. M., Tolland, Conn.
Dill T. C. Machine Co. (Inc.), "Dill"), Somerset & Mascher, Phila., Pa.
Espen-Lucas Machine Works (Stationary & Portable), 21 Girard av, Phila., Pa.
Garvin Machine Co., 147 Varick, New York
Hartford Machine Screw Co., Hartford, Conn.
Morton Mfg. Co. (Portable), Muskegon Heights, Mich.
Newton Machine Tool Works, 23d & Vine, Phila., Pa.
Niles-Bement-Pond Co. (Crank, Geared & Frame), 111 B'way, New York
Pottstown Machine Co., Pottstown, Pa.
Prentiss Henry & Co., Inc. (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York *See adv index at end of book*
Putnam Machine Co., Fitchburg, Mass.
RHODES MFG. CO. ("Rhodes"), 984 Park, Hartford, Conn.
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Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
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Tindel-Marris Co. (Cold Saw), Eddystone, Pa.

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9138—Slotting Machines (Locomotive Frame)

Niles-Bement-Pond Co., 111 B'way, New York
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.

9139—Slotting Machines (Paper, Etc.)

Knowlton M. D. Co. (Corrugated & Solid Board), 26 Elizabeth, Rochester, N. Y.

9140—Slotting Machines (Portable)

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Morton Mfg. Co., Muskegon Heights, Mich.
Newton Machine Tool Works, 23d & Vine, Phila., Pa.
Niles-Bement-Pond Co., 111 B'way, New York

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Sheridan T. W. & C. B. Co. (Bookbinders), 434 B'way, New York

9142— Smelting Machinery

See also Mining Machinery

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Colorado Iron Works Co., Denver, Col.
Denver Engineering Works Co., Denver, Col.
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
Salt Lake Engng. Works, Salt Lake City, Utah
Traylor Engng. & Mfg. Co., Allentown, Pa.
Western Iron Works (Inc.), Butte, Mont.
Worthington Pump & Machy. Corp., 115 Broadway, New York
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9143— Smoke Test Machines

Bailey-Farrell Mfg. Co., 3d av & Ross, Pittsburgh, Pa.
Du Mond A. A., 45 W 34th, New York
Garrison Brass & Machine Works, 107 W 13th, New York
Gunster Bros. ("Thomson"), Scranton, Pa.
Knapp Mfg. & Supply Co., 241 Water, New York

Smoked Beef Shaving Machines

See Slicing Machines, Bread, Meat, etc.

9144—Smokeless Powder Mixing Machines

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
WERNER & PLEIDERER CO., 1232 No. Niagara, Saginaw, Mich.
See adv index at end of book

9145—Smut Cleaning Machines

Huntley Mfg. Co. ("Monitor" for All Kinds of Grain), Silver Creek, N. Y.

9146-7—Snap Fastener Machines

Baird Machine Co. (Automatic), Bridgeport, Conn.

9148—Soapmakers' Machinery

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Brown & Patterson, 33 Marcy av, Brooklyn, New York
Dundon Iron Works, 225 Folsom, San Francisco, Cal.
Dunning W. D., Syracuse, N. Y.
Hersey Mfg. Co., 314 W 2d, South Boston, Mass.
Houchin-Aiken Co. (Toilet, Laundry, etc), 113 53d, Brooklyn, N. Y.
Lehmann J. M. Co., 101 Varick, New York
Rutschman Oscar F. (Toilet Soap, Chippers, Presses, Plodders. Cutters, etc), **1906 E Westmoreland, Phila., Pa.**
Sowers Mfg. Co. ("Dopp"), Buffalo, N. Y.
Weller H. P., Supply Co., Erie, Pa.

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Abbe Engng. Co., 220 B'way, New York
See adv index at end of book
Dundon Iron Works, 225 Folsom, San Francisco, Cal.
Dunning & Boschert Press Co., Inc., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Dunning W. D., Syracuse, N. Y.
Hersey Mfg. Co., 314 W 2d, South Boston, Mass.
Houchin-Aiken Co., 113 53d, Brooklyn, N. Y.

9150— Soapstone Machinery

Patch F. R. Mfg. Co., Rutland, Vt.
Ruggles Machine Co., Poultney, Vt.

9151—Socket Threading Machines

Cox & Sons Co., 5th & Chestnut, Phila., Pa.
Taylor-Wilson Mfg. Co. (For Pipe & Tube Mills), McKees Rocks, Pa.
United Engng. & Fdry. Co., 307 5th av, Pittsburgh, Pa.

9152—Soft Metal Cap & Capsule Machinery

BLISS E. W. CO., 19 Adams, Brooklyn N. Y. *See adv index at end of book*

9153—Solder Cap Hemming Machines

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

9154—Solder Ribbon Making Machines

Wold, Torris & Co., 240 N Ashland av, Chicago, Ill.

9155— Soldering Machines

Brecht Co. (Vacuum Can, etc), 1201 Cass av, St. Louis, Mo.
Consolidated Press Co., Hastings, Mich.
Fanning J. P. (Triangular), 678 Jefferson av, Brooklyn, N. Y.
Ferracute Machine Co., Bridgeton, N. J.
Hubbard's Norman Sons, 265 Water, Brooklyn, N. Y.
Lang E. M. Co., Portland, Me.
Leffler Chas. & Co., 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*
Marquette John N. Sons, 513 S Eden, Baltimore, Md.
Seattle-Astoria Iron Works (Side Seam, Chain or Spiral), Seattle, Wash.
Slaysman & Co., cor Pratt & President, Baltimore, Md.
Stecher Chas. Co. (For Soldering on the Ends of Large Square Cans, etc.), 1580 Crossing, Chicago, Ill.

9155a—Soldering Machines (Electric)

Detroit Electric Welder Co., 255 Lafayette blvd, West Detroit, Mich.

9156—Soldering or Fusing Machines (Ear)

Stecher Chas. Co. (For Cans, etc.), 1580 Crossing, Chicago, Ill.

9157—Sole Blocking Machines

Quarmby & Hilliker ("Knox"), Lynn, Mass.

9158—Sole Cutting Machines

Wellman Co. (For Rubber), Medford, Mass.

9159—Sole Leather Stripping Machines

Quarmby & Williker, Lynn, Mass.

9160— Sounding Machines

Hand Jno. & Sons Co. ("Sir Wm. Thompsons"), 222 Walnut, Phila., Pa.

9161—Spark Plug Machinery

Paterson Fdry & Mach. Co., E. Liverpool, O.

9162— Special Machinery

Acme Tool & Die Co., Syracuse, N. Y.
Adams Bros. & Co., 3020 Cottage Grove av, Chicago, Ill.
Adapt Machinery Co., 1624 Wabash av, Chicago, Ill.
Akron Gear & Engine Co., Akron, O.
Allen Mach. Co., Cleveland, O.
American Machine Wks., Omaha, Nebr.
American Mach. & Fdry. Co., 5520 2d av, Brooklyn, N. Y.
American Mach. Tool Engng. Wks., 4854 W Kinzie, Chicago, Ill.
American Machinery Co., Atlanta, Ga.
Anderson Mfg. Co., Elyria, O.
Armstrong Walter, Springfield, Mass.
Atlas Engineering Co., Amherst, O.
See adv index at end of book
Atlas Mach. Co., Waterbury, Conn.
Automatic Mach. Co., Bridgeport, Conn.
Baird Mach. Co., Bridgeport, Conn.
Beaman & Smith Co., Providence, R. I.
Bender Ph. J. & Sons, 87 Frankfort, New York
Bigelow Co., New Haven, Conn.
Bilgram Mach. Wks., 1231 Spring Garden, Phila., Pa.
Barrett Bros., 43 Haverhill, Boston, Mass.
Bath John & Co., Inc., 8 Grafton, Worcester, Mass.
Biggs Boiler Wks., Akron, O.
Black & Decker Mfg. Co., Baltimore, Md.
Blair Mfg. Co., Camden, N. J.
Blake & Johnson Co., 1500 Thomaston, Waterbury, Conn.
Blanchard Mach. Co., 64 State, Cambridge, Mass.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Bloomfeldt & Rapp Co., 100 N. Jefferson, Chicago, Ill.
Boncher H. E. Mfg. Co., 150 Lafayette, New York
BRADDOCK MANUFACTURING CO., Braddock, Pa.
Braunschwerger Bros., Toledo, O.
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Brown Engineering Co., Reading, Pa.
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Burgess Machine Co., New Haven, Conn.
Campbell Andrew Co., Inc., Waterbury, Ct.
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Carlson-Wenstrom Co., Inc., 2557 N Syndenham, Phila., Pa.
Carr Jas. Co., 132 N 7th, Phila., Pa.
Carroll Fdry. & Mach. Co., 992 No. Sandusky, Bucyrus, O.
Central Machine Works, 12th & Tyler, St. Louis, Mo. *See adv index at end of book*
Centre Foundry & Machine Co., 2011 Main, Wheeling, W. Va.
Chalmers Mfg. Co., Lima, O.
City Machine Co., Cleveland, O.
Clegg Mfg. & Tool Co., Attleboro, Mass.
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
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Columbus Die, Tool & Mach. Co., Columbus, O.
Connery Machine & Tool Co., 56 Harrison av, Springfield, Mass.
Cook H. C. Co., Ansonia, Conn.
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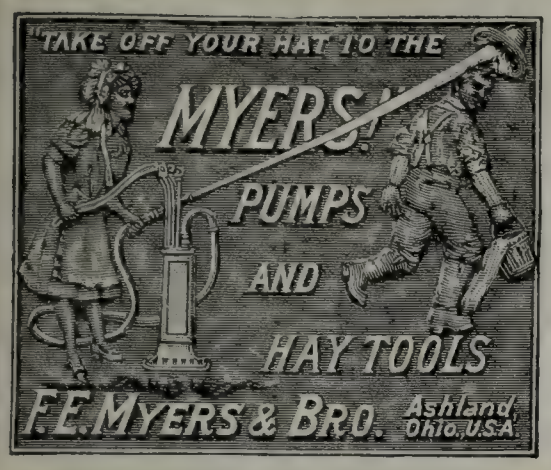

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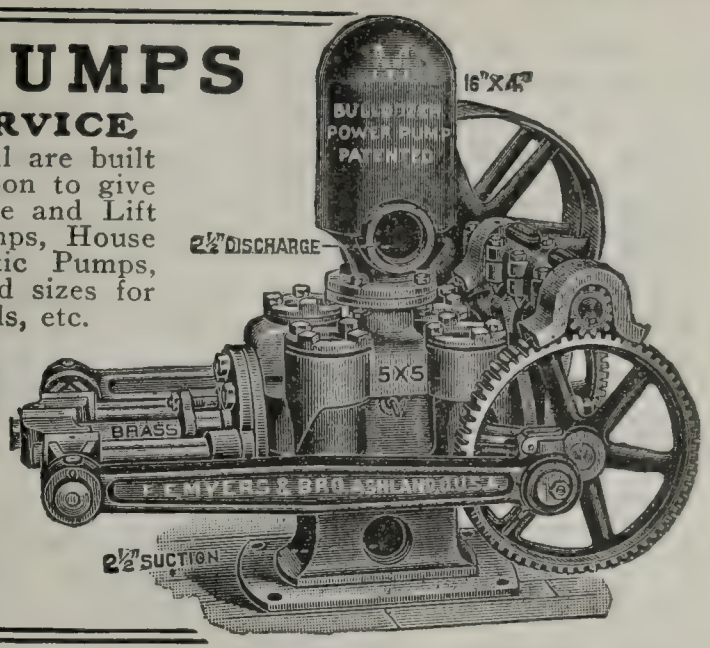

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Acme Machinery Co., Cleveland, O.
Foote-Burt Co., ("Reliance"), Cleveland, O.
Harrington Edwin Son & Co., 17th & Callowhill, Phila, Pa.
LANDIS MACHINE CO., Waynesboro, Pa.
Modern Tool Co., 300 State, Erie, Pa.
See adv index at end of book

9200—Staying Machines (Automatic)

Kingsbury & Davis Machine Co., (Quadruple), Contoocook, N. H.
National Metal Edge Box Co. (For Setting up Paper Boxes with Metal Stay), 8th & Willow, Phila., Pa.

9201—Steaming Machines (Clay)

American Clay Machinery Co., S Walnut, Bucyrus, O.

9202—Stencil Cutting Machines

Bradley A. J. Mfg. Co., 101 Beekman, New York
Bradley Stencil Machine Co., 3745 Forest Park blvd, St. Louis, Mo.
Diagraph Co., 2121 N. 9th, St. Louis, Mo.
Ideal Stencil Machine Co., Belleville, Ill.
Matthews James H. & Co., 3942 Forbes, Pittsburgh, Pa.
New York Stencil Works ("National"), 100 Nassau, New York.

9203— Stereotype Machinery

Ostrander-Seymour Co., 7 S Dearborn, Chicago, Ill.
Wesel F. Mfg. Co., 70 Cranberry, Brooklyn, N. Y.

9204—Sterilizing & Disinfecting Machines (Clothes)

Hospital Supply Co., 53 5th av, New York
Troy Laundry Machinery Co., Ltd., 23d & La Salle, Chicago, Ill.

9205—Stock Sizing Machines

Grammes L. F. & Sons (For Small Wooden Boxes, etc.), Allentown, Pa.
See adv index at end of book

9206—Stone Channeling Machines

Bedford Foundry & Machine Co. (Electric), Bedford, Ind.
Ingersoll-Rand Co., (Steam or Air, Bar, Track & Undercutting), 11 B'way, New York. *See adv index at end of book*
New Albany Machine Mfg. Co. ("Wardwell"), New Albany, Ind.
Sullivan Machinery Co., Peoples Gas bldg, Chicago, Ill.

9207—Stone Channeling Machines (Steam, Air & Electric-Air)

INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*

Stone Crushing Machinery

See Crushers, Rock & Ore

9208—Stone Cutting Machinery

Lincoln Iron Works, Rutland, Vt.
St. Cloud Iron Works Co., St. Cloud, Minn.

9209—Stone Gadder or Drilling Machines

INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*

9210—Stone Gang Sawing Machines

Anderson Geo. & Co., 420 Ogden, Newark, N. J.
Bielhen Foundry & Machine Works, St. Joseph, Mo.
Glover Machine Works (For Marble, etc.), Marietta, Ga.
Hinds Thomas Co., Malone, N. Y.
Lincoln Iron Works ("Merriman" Screw Feed, etc.), Rutland, Vt.
New Albany Machine Mfg. Co., New Albany, Ind.
Ruggles Machine Co., Poultney, Vt.
Savage, W. J. Co., (Marble), Knoxville, Tenn.

9211—Stone Polishing Machinery

Bielhen Foundry & Machine Works, St. Joseph, Mo.
Concord Axle Co., ("Jenny Lind"), Penacook, N. H.
Granite City Iron Works Co. ("Minnesota"), St. Cloud, Minn.
Harrison Supply Co., 5 Dorchester av, Extension, Boston, Mass.
Hinds, Thos. Co., Malone, N. Y.
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Lincoln Iron Works, Rutland, Vt.
Meyers, Willard F. Machine Co., 614 Hamilton, Astoria, N. Y.
Olsen Tinius Testing Machine Co., 500 N 12th, Phila, Pa.
Patch, F. R. Mfg. Co., Rutland, Vt.
Pittsburgh Crushed Steel Co., 61st & A. V. R. R., Pittsburgh, Pa.
St. Cloud Iron Works Co., ("Jenny Lind" & Column Polishers), St. Cloud, Minn.
Savage W. J. Co. (Marble), Knoxville, Tenn.
Schramm Chris. D. & Son, 308 N 4th, Philadelphia, Pa.
Smith, Whitcomb & Cook Co., Barre, Vt.

9212—Stone Sawing Machines

Anderson Geo. & Co., 420 Ogden, Newark, N. J.
Bielhen Foundry & Machine Works, St. Joseph, Mo.
Frenier & Son, Rutland, Vt.
Hawley E. J. & C. H., Manchester, Vt.
Hinds Thos. Co., Malone, N. Y.
Lincoln Iron Works (Also Circular Sawing), Rutland, Vt.
New Albany Machine Mfg. Co., New Albany, Ind.
Patch F. R. Mfg. Co., (Also Circular Sawing), Rutland, Vt.
Ruggles Mach. Co. ("Ruggles"), Poultney, Vt.
Seward & Co., Bloomington, Ind.
Trevor Mfg. Co., Lockport, N. Y.
Walton P. M. 1023 Gtn. av, Phila., Pa.
Wegner Machine Works, 63 Mills, Long Island City, N. Y.

9213—Stone Sifting Machines

Clark & Mills Electric Co., Cambridge, Mass.

Stone Surfacing Machines

See Pneumatic Stone Surfacing Machines

9214—Stone Working Machinery

Anderson Geo. & Co. (Ltd.), 420 Ogden, Newark, N. J.
Bielhen Foundry & Machine Works, St. Joseph, Mo.
Birmingham Iron Foundry, Derby, Conn.
Dallett Thos. H. Co. (Pneumatic), Juniper & Federal, Phila., Pa.
Farrel Foundry & Machine Co. (Planers), Ansonia, Conn.
Flynn & Emrich Co., 305 N Holliday, Baltimore, Md.
Glover Machine Works (Gang Saws & Rubbing Beds for Marble), Marietta, Ga.
Hawley E. J. & C. H., Manchester, Va.
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Lincoln Iron Works, Rutland, Vt.
Meyers Willard F., Machine Co., 614 Hamilton, Astoria, N. Y.
New Albany Machine Mfg. Co., New Albany, Ind.
Patch F. R. Mfg. Co., Rutland, Vt.
Ruggles Machine Co. (For Soft Stone, such as Slate, Soap & Sandstone), Poultney, Vt.
Savage W. J. Co. (Marble), Knoxville, Tenn.
St. Cloud Iron Works Co., St. Cloud, Minn.
Seward & Co., Bloomington, Ind.
Smith, Whitcomb & Cook Co., Barre, Vt.
Ty-Sa-Man Machine Co. (Marble), Knoxville, Tenn.
Wegner Machine Works (Coping & Moulding Machines, etc), 63 Mills, Long Island City, N. Y.
Wright M. & Son Co. (Est.), (Buffers, Ironing Wheels, Polishing Machines, etc), Putnamville, Vt.

9215—Stove Pipe & Elbow Machines

Hemp & Co. ("Lightning"), Vandeventer, nr Shaw, St. Louis, Mo.

Straightening Machines

See Index of Contents for Specific Kind Required

9216—Straightening Machines for Bars, Squares, Flats, Etc.

ABRAMSEN ENGINEERING CO., Pittsburgh, Pa.
Kane & Roach, Syracuse, N. Y.
SHUSTER F. B. CO., Cedar Hills, New Haven, Conn. *See adv index at end of book*

9217— Stranding Machines

New England Machinery Co., New Haven, Conn.
Torrington Mfg. Co., Torrington, Conn.
Watson Machine Co., Paterson, N. J.

9218—Strawboard Lining Machines

Beloit Iron Works, Beloit, Wis.
Hobbs Mfg. Co., Worcester, Mass.

9219—Street Flushing Machines

Hvass Chas. & Co., 511 E 18th, New York
Kindling Machine Co. ("Kindling," Sprinkler, Sweep & Flusher Combined), Milwaukee, Wis.
O'Neil T. L. ("O. I. C.," "Economy"), Marseilles, Ill.
Sanitary Street Flushing Machine Co., 508 Biddle, St. Louis, Mo.
Studebaker Corp., South Bend, Ind.
Tiffin Wagon Co., Tiffin, O.

9220—Street Railway Sweeping Machines

See also Plows, Snow

Brill J. G. Co., 62d & Woodland av, Phila., Pa.
Consolidated Car Fender Co. ("Campbell"), Vale, Providence, R. I.
Good Roads Machinery Co., Fort Wayne, Ind.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

9221—Street Sweeping Machines

Abbott & Downing Co., Concord, N. H.
Acme Road Machinery Co., Frankfort, N. Y.
Austin Mfg. Co., 910 S Mich av, Chicago, Ill.
Baker Mfg. Co. ("20th Century" Pick-Up, Sweeper), 1000 Stanford av, Springfield, Ill.
Elgin Street Sweeper Co. (Motor), Elgin, Ill.
Etnyre E. D. & Co., Oregon, Ill.
Good Roads Machinery Co., Kennett Square, Pa.
Hvass C. & Co., 509 E 18th, New York
Studebaker Corp., South Bend, Ind.
Universal Road Mach'y Co. ("Reliance"), Kingston, N. Y.

9222—Stretching Machines (Sheet Metal Plate)

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

9223—Stretching Machines (Skein)

Knapp Chas. H., Paterson, N. J.

9224— Striking Machines

Herschell-Spillman Co. (For Parks & Pleasure Grounds), North Tonawanda, N. Y.

9225-6—String Bean Machinery

Huntley Mfg. Co. ("Monitor," Cutters, etc.), Silver Creek, N. Y.
Invincible Grain Cleaner Co. (For Canners), Silver Creek, N. Y.
Lewis E. J. ("Lewis" Cutting for Canners), Middleport, N. Y.

9227— Stucco Machinery

Atlas Engineering Co., Amherst, O.
See adv index at end of book
Butterworth & Lowe, Grand Rapids, Mich.
Ehrsam J. B. & Sons Mfg. Co., Enterprise, Kansas
McDonnell Boiler & Iron Works, Des Moines, Ia.

Sugar Machinery

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9228—Sulphite Fibre Machinery

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
Carthage Machine Co., Carthage, N. Y.

9229— Sulphur Machines

Hassell Iron Works Co., Colorado Springs, Col.
Krajewski-Pesant Corp., 54 Beard, Brooklyn, N. Y.

9230—Sulphuric Acid Machinery

Pratt Engineering & Machine Co. (Complete Plants), Atlanta, Ga.

9231— Suppository Machines

Colton Arthur Co. (Cold Compressed), Jefferson & Chene, Detroit, Mich.
Stokes F. J. Machine Co. ("Clark" Rotary, Phila., Pa.

9232— Swaging Machines

Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Etna Machine Co. (Cold), Toledo, O.
Langelier Mfg. Co. (Cold Swaging, Hammering, Wire Wheel Spoke Swaging Machines), Arlington, Providence, R. I.
Standard Machinery Co. (Rotary), Providence, R. I.
TORRINGTON CO., THE EXCELSIOR PLANT, successor to Excelsior Needle Co. ("The Dayton"), Torrington, Conn.
See adv index at end of book
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

9233— Swedging Machines

Canton Foundry & Machine Co. "Universal" (Power, for Swedging Ends of Conductor Pipe), Canton, O.

9234—Syrup Filling Machines (Canners')

Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

9235— Syruping Machines

Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.
Stickney Henry R., Portland, Me.

9236—Tablet Counting & Boxing Machines

Fowler Bottling Machine Co., 124 White, New York

9237— Tablet Machines

See also Pill Making Machines
Colton Arthur Co., Jefferson & Chene, Detroit, Mich.
Hess & Barker ("Richard's" Universal Automatic), 236 S 8th, Phila., Pa.
Mulford H. K. Co., 428 S 13th, Phila., Pa.
Stokes F. J. Machine Co., 17th & Cambria etc), 17th & Cambria, Phila., Pa.

9238— Tabulating Machines

Powers Accounting Machine Co., 50 Church, New York
Tabulating Machine Co. ("Hollerith"), 50 Broad, New York

9239— Tack Machinery

Kimball Bros. & Sprague, Brockton, Mass.
Miller's H. J. Sons, Bridgewater, Mass.
Perkins Henry Co. ("Improved Perkins"), Bridgewater, Mass.
SLEEPER & HARTLEY, INC., 68 Prescott, Worcester, Mass.
See adv index at end of book

9240—Tack Pulling Machines

United Shoe Machinery Co. (For Shoes), 205 Lincoln. Boston, Mass.

9241— Tag Machinery

American Mach,. Co. ("Denney") Newark, Del.
Swift Geo. W., Jr., Bordenstown, N. J.

9242—Tag Stringing Machines

Hobbs Mfg. Co., Worcester, Mass.

9243—Tailors' Pressing Machines

Geyer Ed. J. ("Champion"), Rochester, N. Y.
Lufkin Jno. W. & R. H., 38 Chardon, Boston, Mass.
Newman Mfg. Co., 717 Sycamore, Cincinnati, Ohio, & 68 W Washington, Chicago, Ill. *See adv index at end of book*
Timmis & Clissold, Bound Brook, N. J.

9244— Talking Machines

Aluminum Ware Mfg. Co., Inc., Elmira, N. Y.
American Graphophone Co., Bridgeport, Conn.
American Phonograph Co., Columbus av & 101st, New York
Arion Mfg. Co., Boston, Mass.
Brunswick Balke-Collender Co., 629 S Wabash av, Chicago, Ill.
Carola Co., 118 Noble ct, Cleveland, O.
Columbia Graphophone Co. ("Dictaphone"), 233 B'way, New York
Crescent Talking Machine Co., 109 Reade, New York
Domestic Talking Machine Co., 33d & Arch, Philadelphia, Pa.
Eagle Talking Machine Co., 75 Fulton, New York
Edison Thomas A. ("Edison Phonographs"), Orange, N. J.
Emerson Phonograph Co., 3 W 35th, New York
Flemish Lynn Phonograph Co., 269 37th, Brooklyn, N. Y.
Garford Mfg. Co. ("Vanophone"), Elyria, O.
Klingsor Talking Machine Co., 415 Armour, Chicago, Ill.
Koehler & Hinrichs, St. Paul, Minn.
Lyraphone Co. of Am., 12 W 37th, New York
Mandel Mfg. Co., 501 S Laflin, Chicago, Ill.
Melophone Talking Machine Co., 376 Lafayette, New York
Millar R. M. Electrical Works, 9 S Clinton, Chicago, Ill.
Milwaukee Talking Machine Mfg. Co., 416 4th, Milwaukee, Wis.
Mozart Talking Machine Co., 1432 N 20th, St. Louis, Mo.
Multi Phonograph Co., Winona, Minn.
Novitas Sales Co. ("Novitas"), Waltham, Mass.
Pathe Freres Phono Co., 29 W 38th, New York
Plaza Music Co. (Supertone), 10 W 20th, New York
Rishell Phonograph Co., Williamsport, Pa.
Sonora Phonograph Corp., 279 B'way, New York
Stewart Phonograph Corp. ("Stewart's"), 2843 N Lincoln, Chicago, Ill.
Supertone Talking Machine Co.,18 W 20th, New York
Thomas Mfg. Co., Dayton, O.
Universal Talking Machine Mfg. Co., Philadelphia, Pa.
Victor Talking Machine Co., Camden, N. J.
Vita-nola Talking Machine Co., 501 W 35th. Chicago, Ill.
Wonder Talking Machine Co., 105 E 12th, New York
Wondertone Phonograph Co. ("Wondertone"), 19 W Jackson blvd, Chicago, Ill.

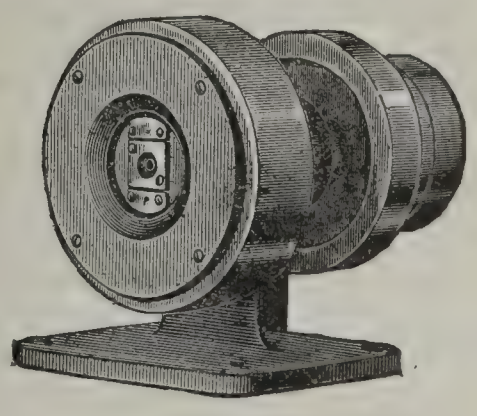
9245-6-7—Tamale Making Machinery

Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

9248-9— Tannery Machinery

American Tool & Machine Co. (Belt Knife Splitting Machines), 10 High, Boston, Mass.
Associated Tanners Machinery Co., 424 Essex, Salem, Mass.
Aulson, J. W. & Sons, Waukegan, Ill.
Baker G. W. Machine Co., 218 French, Wilmington, Del.
Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
Carley Heater Co., Olean, N. Y.
Dennis John Machine Co., Lowell, Mass.
Grainger & Co., Louisville, Ky.
Hemingway Machine Co., Lynn, Mass.
Hide & Leather Working Machine Co., 4215 Meinecke av, Milwaukee, Wis.
Horn Wm. H. & Bro. (Bark Mills, Splitting Machines & Tanners' & Curriers' Tools), 451 N 3d, Phila., Pa.
Hutchinson Leather Machine Co., Winchester, Mass.

Swaging Strengthens Metal



You *know* that hammering, the oldest metal reduction method, is still the best. In the Dayton Swaging Machine the principle of the hammer is brought to the height of development.

The Dayton kneads and squeezes the metal by subjecting it to 2000 to 6000 blows a minute. It toughens, hardens and solidifies metal. And, unlike heat and abrasive treatments, it never results in any loss.

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Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Munkwitz Edw. H. Co., 159 Muskego av, Milwaukee, Wis.
Myers Machine Co., Sheybogan, Wis.
Myrick Machine Co., Olean, N. Y.
Ruhe Carleton Co., Olean, N. Y.
Shapley & Wells, Binghamton, N. Y.
Slocomb F. F. & Co., 14th & Poplar, Wilmington, Del.
Smith's Jno. E. Sons Co. (Steam Jacket Kettles, Stuffing Mixers, Rendering Tanks, etc), Buffalo, N. Y.
Stehling Chas. H. Co., 401 4th, Milwaukee, Wis.
Turner Tanning Machine Co. ("Turner"), Peabody, Mass.
Whitney Machine Co., Winchester, Mass.
Woburn Machine Co., Woburn, Mass.

9250—Taper Rolling Machines

Coulter & McKenzie Mach. Co., Bridgeport, Conn.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Williams White Co. (For Tapering or Forging Shapes), Moline, Ill.

9251—Taper Threading Machines

Acme Machinery Co., Cleveland, O.
Landis Machine Co., Waynesboro, Pa.

9252—Taper Tube Spinning Machines

Langelier Mfg. Co., Arlington, Providence, R. I.

9253— Tapping Machines

See also Nut Tapping Machines; also Tapping Machines for Gas & Water Mains
Allen Machine Co., Cleveland, O.
ANDERSON DIE MACHINE CO. ("Anderson," Vertical-Spindle), 544 Iranistan av, Bridgeport, Conn.
See adv index at end of book
Baker Bros. (For Pipe Flanges, Fittings, Tees, Crosses, etc.), Toledo, O.
Barnes Drill Co., Rockford, Ill.
Baush Machine Tool Co., Springfield, Mass.
Burke Machine Tool Co., Conneaut, O.
Colburn Machine Tool Co., Franklin, Pa.
Evans Stamping & Plating Co. ("Tuttle" Vertical), Taunton, Mass.
Garvin Machine Co. (Vertical, Horizontal & Automatic, etc.), 147 Varick, New York
GREENFIELD TAP & DIE CORP'N ("G. T. D." with Automatic Die Heads for Bolt, Nut & Pipe), Greenfield, Mass.
See adv index at end of book
Harrington Edwin Son & Co., 17th & Callowhill, Phila., Pa.
Harris H. E. Engineering Co. ("H. P. H."), 1047 Broad, Bridgeport, Conn.
Hartford Machine Screw Co., Hartford, Conn.
Hays Mfg. Co., Erie, Pa.
Hub Machine Welding & Contracting Co. ("Acme," Hand), 22d & Race, Phila., Pa.
Hubbell Harvey, Bridgeport, Conn.
Manville E. J. Machine Co., Waterbury, Conn.
Peter Bros. Mfg. Co., Algonquin, Ill.
Pratt & Whitney Co., Hartford, Conn.
Prentiss Henry & Co., Inc. (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York. *See adv index at end of book*
Quint A. D., Hartford, Conn.
Reed-Prentice Co., Worcester, Mass.
Rickert-Shafer Co. (Horizontal & Vertical), Erie, Pa.
St. Louis Machine Tool Co. (For Small Parts), 2607 S. B'way, St. Louis, Mo.
STARK TOOL CO. (Small), Waltham, Mass. *See adv index at end of book*
United Engineering & Foundry Co. (For Tube Mills), 307 5th av, Pittsburgh, Pa.

9254—Tapping Machines (Automatic)

Elgin Tool Works, Elgin, Ill.

9255—Tapping Machines (Bench)

Elgin Tool Works, Elgin, Ill.
Fenn Mfg. Co. ("Fenn"), 385 Broad, Hartford, Conn.
Partridge Edw. O., 2047 Lake, Chicago, Ill.
Rickert-Shafer Co., Erie, Pa.
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
Stewart S. A., Waltham, Mass.

9256—Tapping Machines (Dry Pipe)

Hays Mfg. Co., Erie, Pa.
Lennox Machine Co., 2558 W 16th, Chicago, Ill.
Mueller H. Mfg. Co., Decatur, Ill.

9257—Tapping Machines (Gas & Water Main)

Hadesty J. M. & Son, Tamaqua, Pa.
Hays Mfg. Co. ("Original-Payne's"). Erie, Pa.
Lennox Machine Co. (For Tapping Water Mains Under Pressure), 2558 W 16th, Chicago, Ill.
Mueller H. Mfg. Co., Decatur, Ill.
Pottstown Machine Co. (Automatic Vertical for Pipe Fittings), Pottstown, Pa.
Saunders D. Sons, Yonkers, N. Y.
Smith A. P. Mfg. Co. ("Smith"), East Orange, N. J.
Walworth Mfg Co, Boston, Mass

9258—Tapping Machines (Horizontal)

Pratt & Whitney Co, Hartford, Conn.
Rickert-Shafer Co., Erie, Pa.
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.

9259—Tapping Machines (Multiple)

Williams, White & Co. (For Pipe Fittings), Moline, Ill.

Tapping Machines (Nut)

See Nut Tapping Machines

9260—Tapping Machines (Pipe-Socket)

Saunders' D. Sons, Yonkers, N. Y.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

Tapping & Reaming Machines (Pneumatic)

See Pneumatic Hammers

9261—Tapping & Reaming Machines (Portable)

GEM MFG. CO. ("Gem," for use with Flexible Shafts), Goebel, nr Fulton, N S, Pittsburgh, Pa.
See adv index at end of book
Stow Flexible Shaft Co., 26th & Callowhill, Philadelphia, Pa.
Stow Mfg. Co., Binghamton, N. Y.

9262—Tapping & Threading Machines

Jenks H. F. Co. (For Operating Taps & Dies), Pawtucket, R. I.
Rickert-Shafer Co., Erie, Pa.

9263—Telephone Core Machines

Watson Machine Co., Paterson, N. J.

Tenoning Machines

See Wood Tenoning Machines

9263a—*Tension Testing Machines

Elmes Chas. F. Eng. Wks., Inc., cor Fulton & Sangamon, Chicago, Ill.
See adv index at end of book

9264—Terra Cotta Machinery

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
American Clay Machinery Co., S Walnut, Bucyrus, O.
IVENS WM. H. SONS CO. (Rubbing Beds & Surface Grinders), P. O. Box 647, Trenton, N. J.

9265—Test Hole Drilling Machines

Loomis Machine Co. (For Foundations, Test Holes, Blast Holes, etc), Tiffin, O.

9266— Testing Machines

Buffalo Scale Co. (Testing up to 5,000 lbs.), 1205 Niagara, Buffalo, N. Y.
Ford Meter Box Co., Wabash, Ind.
Holz Herman A. ("Ericksen"), 2 Madison av, New York
See adv index at end of book
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, Ohio
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
Riehle Bros. Testing Machine Co., 1424 N 9th, Phila., Pa.
Scientific Materials Co. (Metal Testing Machines), 717 Forbes, Pittsburgh, Pa.
SHORE INSTRUMENT & MFG. CO. INC., (For Testing Strength & Hardness of Materials), 557 W 22d, New York
Smith A. P. Mfg. Co., East Orange, N. J.
Star Brass Mfg. Co. ("Star" Dead Weight Gauge), 108 E Dedham, Boston, Mass.
Whiting Foundry Equipment Co., 157th & Halsted, Chicago, Ill.

9267-8—Testing Machines (Anchor)

Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.

9269—Testing Machines (Belt)

Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.

9270—Testing Machines (Boiler)

Schutte & Koerting Co. ("Koerting"), 1251 N 12th, Phila., Pa.

9271—Testing Machines (Brick)

American Clay Machinery Co., S Walnut, Bucyrus, O.
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
Strait H. N. Mfg. Co., Kansas City, Kansas

9272—Testing Machines (Can)

Ams Max Machine Co. ("Ams"), Bridgeport, Conn.
Ayars Machine Co., Salem, N. J.
BLISS E. W. CO., 19 Adams, Brooklyn,
See adv index at end of book
Lewis E. J., Middleport, N. Y.
McDonald Machine Co. (Automatic), 3207 Shields av, Chicago, Ill.
Slaysman & Co., cor Pratt & President. Baltimore, Md.
Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.
Stecher Chas. Co., 1580 Crossing, Chicago, Ill.
Stevenson & Co. ("Mann-Stevenson" Automatic), 607 S Caroline, Baltimore, Md.
Stoll D. H. Co., Buffalo, N. Y.
Wold, Torris & Co. (Automatic), 240 N Ashland av, Chicago, Ill.

9273-4—Testing Machines (Car Wheel)

Whiting Foundry Equipment Co., 157th & Halsted, Chicago, Ill.

9275—Testing Machines (Cement)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
Bausch & Lomb Optical Co. (Instruments), Rochester, N. Y.
Clark & Mills Electric Co. (Also for Testing Stone & Road Materials), Cambridge, Mass.
Eimer & Amend, 205 3d av, New York
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
International Instrument Co. (Also for Testing Stone & Road Materials), Cambridge, Mass.
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
Riehle Bros. Testing Machine Co., 1424 N 9th, Phila., Pa.

9276—Testing Machines (Chain)

Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
Riehle Bros. Testing Machine Co., 1424 N 9th, Phila., Pa.

9277-8—Testing Machines (Concrete)

Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.

9279—Testing Machines (Fruit Can)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

9279a—Testing Machines (Glass)

Shore Instrument & Mfg. Co. Inc., 557 W 22d, New York

9280—Testing Machines (Hardness)

Holz Herman A. ("Brinell" & Meters), 2 Madison av, New York
See adv index at end of book

For Hardness Tests:
THE STANDARD BRINELL TESTING MACHINE
Manufactured by
HERMAN A. HOLZ
2 Madison Ave., New York

Olsen Tinius Testing Machine Co. (Lever, Hydraulic & Bench), 500 N 12th, Phila., Pa.
Pittsburgh Instrument & Machine Co. ("Brinnell"), 236 3d av, Pittsburgh, Pa.
Shore Instrument & Mfg. Co. Inc., 557 W 22d, New York

9281—Testing Machines (Hosiery Fabric)

Perkins B. F. & Son, Holyoke, Mass.

9282—Testing Machines (Hydraulic)

Holz Herman A., 2 Madison av, New York
See adv index at end of book
Knapp C. H. (For Cloth, Paper, etc), Paterson, N. J.
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
Riehle Bros. Testing Machine Co., 1424 N 9th, Phila., Pa.
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.

9283—Testing Machines (Leather)

Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.

9283a—*Testing Machines (Metal)

Holz Herman A., 2 Madison av, New York
See adv index at end of book
SHORE INSTRUMENT & MFG. CO. INC., 557 W 22d, New York

9284—Testing Machines (Oil)

Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
Riehle Bros. Testing Machine Co., 1424 N 9th, Phila., Pa.

9285—Testing Machines (Paper)

See also Testers, Paper

Ashcroft Mfg. Co., 119 W 40th, New York
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.

9286—Testing Machines (Pipe)

Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
Riehle Bros. Testing Machine Co., 1424 N 9th, Phila., Pa.
Taylor-Wilson Mfg. Co. (Hydraulic), McKees Rocks, Pa.
United Engineering & Foundry Co. (For 2 to 12-inch Pipe), 307 5th av, Pittsburgh, Pa.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*

9287—Testing Machines (Power)

Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.

9288—Testing Machines (Rubber)

Hartford Special Machinery Co. (Dynamometers), Hartford, Conn.
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
Pusey & Jones Co. ("Plastometer"), ft Poplar, Wilmington, Del.
Riehle Bros. Testing Machine Co., 1424 N 9th, Phila., Pa.
Shore Instrument & Mfg. Co. Inc., 557 W 22d, New York

9289—Testing Machines (Sink & Float)

Penna. Crusher Co. ("Delamater"), Stephen Girard bldg, Phila., Pa.

9290—Testing Machines (Spring)

Evans' J. Sons, 506 N 13th, Phila., Pa.
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
Ryerson Jos. T. & Son (Hydraulic), 2558 W 16th, Chicago, Ill.
See adv index at end of book
Townsend Foundry & Machine Shop Co., B'way & Rensselaer, Albany, N. Y.
See adv index at end of book

9291—Testing Machines (Steel)

Bidle W. S. Co., 1411 E 45th, Cleveland, O.
Holz Herman A., 2 Madison av, New York
See adv index at end of book
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.

9292—Testing Machines (Stone)

Clark & Mills Electric Co., Cambridge, Mass.
International Instrument Co., Cambridge, Mass.
Olsen Tinius Testing Machine Co., 500 N 12th, Phila, Pa.
SHORE INSTRUMENT & MFG. CO. INC., 557 W 22d, New York

Testing Machines (Textile)

See Testing Machines, Cloth; also Testing Machines, Yarn

9293-4—Testing Machine (Traction)

Olsen Tinius Testing Machine Co., 500 N. 12th Phila, Pa.
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.

Testing Machines (Water Meter)

See Testers, Water Meter

9295—Testing Machines (Wire)

Holz Herman A, 2 Madison av, New York
See adv index at end of book
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
Riehle Bros. Testing Machine Co., 1424 N. 9th, Phila., Pa.

Textile Machinery

See Specific Article Wanted

9296—Thermometer Dividing Machines

Burr Co., Champaign, Ill.

9297—Thread Rolling Machines

Acme Machinery Co. (Rotary), Cleveland, O.
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
BLISS E. W. CO. (Sheet Metal), 19 Adams, Brooklyn, N. Y.
See adv index at end of book
Manville E. J. Mach. Co., Waterbury, Conn.
Nilson A. H. Machine Co. (Reciprocating), Bridgeport, Conn.
Waterbury Farrel Foundry & Machine Co. (Reciprocating), Waterbury, Conn.

9298—Threading Machines (Bicycle Spoke)

Detrick & Harvey Machine Co., 508 E Preston, Baltimore, Md.
Goodell-Pratt Co., Greenfield, Mass.
Manville E. J. Machine Co., Waterbury, Conn.

9299-300—Threading Machines Metal)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

Threshing Machinery

See Threshers

9301—Thumbhole Cutting Machines

Chase Turbine Mfg. Co. ("Chase's" Automatic), Orange, Mass.
Hobbs Mfg. Co. (For Paper Box Makers), Worcester, Mass.

Ticket Cancelling Machines

See Cancelling Machines

9302—Tie Dowelling Machines

Greenlee Bros. & Co., Rockford, Ill.

9303—Tiering Machines (Portable)

Brown Portable Conveying Machinery Co. (Inclined & Vertical for Bags, Boxes, etc.), 10 S La Salle, Chicago, Ill.
Economy Engineering Co., 415 S Washtenaw av, Chicago, Ill.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry. Phila., Pa.
See adv index at end of book
Minnich Machine Works, Landisville, Pa.
N. Y. Revolving Portable Elevator Co., Jersey City, N. J.

9304—Tile Making Machines

See also Drain Tile Machinery

Automatic Tile Machine Co., Cincinnati, O.
CROSSLEY MACHINE CO., State & Chestnut av, Trenton, N. J.
See adv index at end of book
Hetherington & Berner (Encaustic Ceramic), Indianapolis, Ind.
Hill Jas. B. (Traction), Deshler, O.
Mueller Machine Co., Trenton, N. J.
Patterson Fdry & Mach. Co., E. Liverpool, O.

9305— Tile Sizing Machines

Automatic Tile Machine Co., Cincinnati, O.
Lincoln Iron Works, Rutland, Vt.

Timber Dressing Machines

See Wood Surfacing Machines

9306—Timber Framing Machines

Denver Engineering Works Co. (Single End), Denver, Col.
Engelbach Mach. Mfg. Co., Leadville, Col.

9307—Timber Gaining Machines

Bentel & Margedant Co., Hamilton, O.
Fay, J. A. & Egan Co., Cincinnati, O.

9308—Timber Preserving Machinery

ALLIS-CHALMERS MFG CO., Milwaukee, Wis. *See adv index at end of book*

Timber Sizing Machines

See Planing & Matching Machines

9309— Tin Can Machinery

See Can Makers' Machinery; also Sheet Metal Workers' Machines & Tools

9310— Tin Foil Machinery

Birmingham Iron Foundry, Derby, Conn.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

9311—Tin Mounting Machines

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
U. S. Finishing & Mfg. Co., 216 N Clinton, Chicago, Ill.

9312—Tin Plate Lacquering & Varnishing Machines

Ohl Geo. A. & Co. (For Coating Tin, Iron, Metal, Cardboard, etc.), 159 Oraton, Newark, N. J.

9313—Tin Plate Mill Machinery

See also Rolling Mill Machinery, Etc.

American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.
Anderson Foundry & Machine Works, (Pickling & Tinning Machines, Branners, Dusters, etc.), Anderson, Ind.
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Hyde Park Fdry. & Mach. Co., Hyde Park, Pa.

Tin Mill Equipment

Sheet and Tin Plate Mills. Shears, Rope Drives, Pickling Machines

(Write for Bulletin S)

Mesta Machine Company

PITTSBURGH, PA., U. S. A.

National Roll & Foundry Co., Avonmore, Pa.
Newbold R. S. & Son Co., Norristown, Pa.
Philadelphia Roll & Machine Co., 25th & Washington av, Phila., Pa.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Swindell Wm. C. & Bro., Jenkins Arcade bldg, Pittsburgh, Pa.
United Engineering & Fdry. Co., 307 5th av, Pittsburgh, Pa.
Wheeling Mold & Fdry. Co., Wheeling, W. Va.

9314—Tinners' Grooving Machines

Merchant & Evans Co., 2035 Washington av, Phila., Pa.
See adv index at end of book
Peck, Stow & Wilcox Co., Southington, Conn.

9315—Tinners' Tools & Machinery

See Sheet Metal Workers' Machines & Tools

9316—*Tinware Making Machinery (Pierced & Seamless)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

9317—Tipping Machines (Corset & Shoe Lace)

Luther C. A. & Co. ("Dawson"), Pawtucket, R. I.
Union Metal Goods Co. (Shoe Lace), Pawtucket, R. I.

9318—Tire Applying Machines

Lourie Mfg. Co. (Presses), Springfield, Ill.
Nelson & Le Moon, 849 N Kedzie av, Chicago, Ill.

9319—Tire Bolting Machines

Bentel & Margedant Co. (& Bolt Clipping), Hamilton, O.

9320—Tire Rolling Machines

Williams, White & Co., Moline, Ill.

Tire Setting Machines

See Setters, Tire

9321—Tire Trueing Machines

Bentel & Margedant Co., Hamilton, O.

9322—Tire Welding Machines

Kane & Rosch, Syracuse, N. Y.
Long & Allstatter Co., Hamilton, O.
Williams, White & Co., Moline, Ill.

9322a—*Tire Wrapping Machines

PIERCE WRAPPING MACHINE CO., 631 W Jackson blvd, Chicago, Ill.
See adv index at end of book

9323—Tissue Paper Machines

Beloit Iron Works ("Yankee," Cylinder), Beloit, Wis.

9324—Tobacco Box (Tin) Machinery

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

9325—Tobacco Cleaning & Separating Machines

Cardwell Mach. Co. (Stem), 1900 E Cary, Richmond, Va.

9326—Tobacco Cutting Machines

See also Cutters, Tobacco

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
Adt Jno. B. Co., 340 N Holliday, Baltimore, Md.
Buckeye Iron & Brass Works ("Pease"), Dayton, O.
Cardwell Machine Co. (Power), 1900 E Cary, Richmond, Va.
Comas Machine Co., Salem, Va.
Himoff Machine Co., Mills, Astoria, L. I., N. Y.
Ludington Cigarette Mach. Co., Waterbury, Conn.

9327—Tobacco Farming Machinery

Belcher & Taylor Agricultural Tool Co. Ridgers), Chicopee Falls, Mass.
Nagley Mfg. Co. (Spears), Lyons, N. Y.

9328—Tobacco Granulating Machines

Adt Jno. B. Co., 340 N Holliday, Baltimore, Md.
Comas Machine Co., Salem, Va.

9329—Tobacco Hoeing Machines

Allen S. L. & Co., Denckla bldg, Phila., Pa.
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Madison Plow Co., Madison, Wis.

9330—Tobacco Hogshead Machines

Gilmour Hogshead Mach. Co., Owensboro, Ky.

9331—Tobacco Knife Grinding Machines

Cardwell Machine Co., 1900 E Cary, Richmond, Va.
Diamond Machine Co. ("Diamond"), Providence, R. I.
Superior Corundum Wheel Co., Waltham, Mass.

9332— Tobacco Machinery

Abbe Engineering Co. (Pulverizers), 220 B'way, New York
See adv index at end of book
Adt Jno. B. Co. (Granulators, Separators, Cutters, Dryers, Coolers, Stem Rollers & Packers), 340 N Holliday, Baltimore, Md.
American Machine & Foundry Co. (Packing & Weighing, Scrap Packer & Weigher, Plug Wrapping & Banding), 5520 2d av, Brooklyn, N. Y.
Appomattox Iron Works & Supply Co., Petersburg, Va.
Automatic Packing & Labeling Co., 5520 2d av, Brooklyn, N. Y.
Cardwell Machine Co. (Granulators, Pickers, Dryers, Cutters, Shapes or Moulds & Casing Machines), 1900 E Cary, Richmond, Va.
Grote F. Mfg. Co. (Hydraulic) & Electric Presses), Evansville, Ind.
International Cigar Machinery Co., 5520 2d av, Brooklyn, N. Y.
Ludington Cigarette Mach. Co., Waterbury, Conn.
McGowan Jno. H. Co., 52 Central av, Cincinnati, O.
Miller, DuBrul & Peters Mfg. Co., 507 E Pearl, Cincinnati, O.
Phila. Textile Machinery Co. ("Proctor" Automatic Dryers, Coolers, Orders & Softeners, etc), Tabor, Phila., Pa.
Ripley Foundry & Machine Co. ("Parker," Portable Presses, Steamers, Stationary, etc), Ripley, O.
Standard Tobacco Stemmer Co., 5520 2d av, Brooklyn, N. Y.
Titus E. E., Petersburg, Va.
Westbrook Elevator Co., Danville, Va.

9333—Tobacco Scrap Cutting Machines

Miller, DuBrul & Peters Mfg. Co. ("DuBrul," "Picadura"), 507 E Pearl, Cincinnati, O.

9334—Tobacco Stem Flattening Machines

Comas Machine Co., Salem, Va.
Himoff Machine Co., 50 Church, New York

9335—Tobacco Stemming Machines

American Machine & Foundry Co. ("Standard"), 5520 2d av, Brooklyn, N. Y.

9335a—Tobacco Wringing Machines

American Wringer Co., 99 Chambers, New York

9336—Toilet Paper Machines

Dietz Machine Works (Slitting, Perforating & Rewinding), 126 Fontain, Phila., Pa.
Grissinger Machine Works, 904 Quarry, Phila., Pa.
Kidder Press Co. (Slitting, Perforating & Rewinding), Dover, N. H.

9337— Toilet Pin Machinery

Baird Machine Co. (Automatic), Bridgeport, Conn.

9338—Toilet Soap Machinery

Rutschman Oscar F., 1906 E Westmoreland, Phila., Pa.

Tomato Can Filling Machines

See Can Filling Machines

9339—*Tomato Canners' Machinery

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

9340—Tomato Crushing, Pulping & Finishing Machines

U. S. Bottlers' Machinery Co., 1033 W Lake, Chicago, Ill.

9341—Tomato Transplanting Machines

Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

9342—*Tooth Paste Machinery

WERNER & PFLEIDERER CO., 1232 No. Niagara, Saginaw, Mich.
See adv index at end of book

9343—Tow Mill Machinery

New Winona Mfg. Co. ("Diamond"), Winona, Minn.

9344—Trace Trimming Machines

Campbell-Bosworth Machine Co. ("Boston" Automatic), 205 Lincoln, Boston, Mass.

9345—Trade Marking Machinery

Parks & Woolson Machine Co. (Cloth), Springfield, Vt.

9346-7—Transfer Issuing Machines

Automatic Appliance Co., 172 Columbus av, Boston, Mass.
Ohmer Fare Register Co., Dayton, O.

Trench Machines

See Sewer & Trench Excavating Machines

9348— Trunk Machinery

Defiance Machine Works (Slat Planers, etc.), Defiance, O.
Titus E. E., Petersburg, Va.

9349—Trunk Slat Staining & Varnishing Machines

Ohl Geo. A. & Co., 159 Oraton, Newark, N. J.

9350—Tub & Pail Machinery

BLISS E. W. CO. (Sheet Metal), 19 Adams, Brooklyn, N. Y.
See adv index at end of book
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Gerlach Peter Co. (Wood also for Churn, Ice Cream Freezer, Fish Kit, etc), 1712 Winter, Cleveland, O.
Goodspeed Machine Co., Winchendon, Mass.

9351-2— Tubbing Machines

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Smith Richardson Co., (Or Polishing Tank), Attleboro, Mass.

Tube Cutting Machines

See Cutters Flue; also Pneumatic Flue Cutters

9353-4-5—Tube Filling Machines

Kane & Roach, Syracuse, N. Y.
Ross Chas. & Son Co. (For Paste, Oil & Cosmetics), 148 Classon av, Brooklyn, N. Y.

Tube Mill Machinery

See Pipe & Tube Mill Machinery

9356—Tube Reducing Machines

Standard Machinery Co., Providence, R. I.

9357—Tube Rolling & Cutting Machines (Paper)

Chicago Paper Tube & Can Co. ("Williams"), 168 N May, Chicago, Ill.
Knowlton M. D. Co. (Also Cardboard), 26 Elizabeth, Rochester, N. Y.

9358—Tube Tapering Machines

TORRINGTON CO., THE EXCELSIOR PLANT, successor to Excelsior Needle Co. ("Dayton"), Torrington, Conn.
See adv index at end of book

9358a—*Tubing (Flexible) Machinery

SLEEPER & HARTLEY, INC. (Automatic), 168 Prescott, Worcester, Mass.
See adv index at end of book

9359— Tufting Machines

Backstay Machine & Leather Co., Union City, Ind.
Buser-Poston Tufting Mach. Co., Chillicothe, O.
Tufting Machine Supply Co., Detroit, Mich.

9360—Tumbler Grinding Machines

Sigwaart & Rolston, 341 2d av, Pittsburgh, Pa.

9361—Tungsten Lamp Wire Machinery

Langelier Mfg. Co., Arlington, Providence, R. I.
SLEEPER & HARTLEY, INC. (Filament Coiling) ,168 Prescott, Worcester, Mass.
See adv index at end of book

9362-3—Turpentine Machinery

Payne & Joubert Mach. & Foundry Co., Howard & Euphrosine, New Orleans, La.

Twine Making Machinery

See Cordage Machinery

9364—Type Casting Machines

Thompson Type Machine, 233 W Erie, Chicago, Ill.
Universal Type Making Machine Co. ("Nuernberger-Rettig," Automatic), 732 Federal, Chicago, Ill.

9365—Type Setting & Type Distributing Machines

Brown R. H. & Co., New Haven, Conn.
Lanston Monotype Machine Co. (Typesetting), 24th & Locust, Phila., Pa.
Linograph Co. (Type Setting), Davenport, Ia.
Mergenthaler Linotype Co., 154 Nassau, New York
Unitype Co., 30 Monitor, Jersey City, N. J.

9365a—*Unwrapping Machines (Tire)

THROPP'S JNO. E. SONS CO. (Power Operated for Unwrapping Tread Tires), ft of Lewis, Trenton, N. J.
See adv index at end of book

9366-7—Upsetting & Forging Machines

See also Upsetters, Tire

Acme Machinery Co., Cleveland, O.
Ajax Mfg. Co. (Axle), Cleveland, O.
Bethlehem Steel Co. (Steam Hydraulic), South Bethlehem, Pa.
National Machinery Co., Tiffin, O.
Niles-Bement-Pond Co., 111 B'way, New York
Pawtucket Mfg. Co., Pawtucket, R. I.
Williams, White & Co. ("Moline"), Moline, Ill.

9368—Valve Inserting Machines

Smith A. P. Mfg. Co. ("Sherred-French"), East Orange, N. J.

9369—Valve Re-seating Machines

Leavitt Mach. Co. ("Dexter"), Orange, Mass.
Long Adam A. ("Sterling"), Rochester, N. Y.
Skinner M. B. S. Co. ("Skinner"), 562 W Washington, Chicago, Ill.

9370—Valve Seat-Milling Machines

Underwood H. B. & Co., 1025 Hamilton, Phila., Pa.

9371—Valve Seat Planing Machines

Niles-Bement-Pond Co., 111 B'way, New York
Stow Flexible Shaft Co., 26th & Callowhill, Philadelphia, Pa.

9372—Valve Tapping, Reaming & Seating Machines

Pottstown Machine Co. (Automatic), Pottstown, Pa.

9373—Valve Wheel Machinery

Bradley H. C. (For Wood Wheels), Bridgeport, Conn.

Vanning Machines

See Vanners, Frue

9374—Variety Moulding Machines

American Woodworking Machy. Co., Rochester, N. Y.
Bentel & Margedant Co., Hamilton, O.
Carey W. W. Co., Lowell, Mass.
Pryibil P. Machine Co., 520 W 41st, New York
Yates P. B. Machine Co., Beloit, Wis.

9375—Variety Sawing Machines

American Woodworking Machinery Co., Rochester, N. Y.
Bentel & Margedant Co., Hamilton, O.
Cordesman-Rechtin Co., Butler, Cincinnati, O.
Hall & Brown Woodworking Machine Co., 1913 N. B'way, St. Louis, Mo.
Root B. M. Co., York, Pa.
Yates P. B. Machine Co., Beloit, Wis.

9376—Variety Wood Turning Machines

See Also Lathes, Variety Turning

American Woodworking Machinery Co., Rochester, N. Y.
Mattison C. Machine Works ("Universal"), Beloit, Wis.
Wood Turning Machine Co. (Turning & Shaping), Beloit, Wis.
Yates P. B. Machine Co., Beloit, Wis.

9377—*Varnish Can Machinery

BLISS, E. W. CO., 19 Adams, Broklyn, N. Y. *See adv index at end of book*

9378—Varnish Makers' Machinery

Kent Machine Works, 39 Gold, Brooklyn, N. Y.

9379-80—Varnishing Machines

Chambers Bros. Co., 52d bel. Lancaster av, Philadelphia, Pa.

9381—Vegetable Cutting Machines

Smith's Jno. E. Sons Co., Buffalo, N. Y.

9382— Vending Machines

Advance Machine Co., 4645 Ravenswood av, Chicago, Ill.
Automatic Target Machine Co. (Rifle & Pistol), 203 Fulton, New York
Autosales Gum & Chocolate Co., 96 Spring, New York
Becker P. A. Co. (Collar Button), 132 Cumberland, Brooklyn, N. Y.
Brewer Chas. A. & Sons Co., 6320 Harvard av, Chicago, Ill.
Caille Bros. Co. (Coin Operating), Detroit, Mich.
Centadrink Filters Co., 1440 B'way, New York
Coleman Hardware Co. (Peanut, Match, etc), 122 S Michigan av, Chicago, Ill.
Cupples Samuel, Woodenware Co. (Pencils, Gum, Matches, etc.), 7th & Spruce, St. Louis, Mo.
Griswold Mfg. Co. (Nut, Match, Gum, etc.), Rock Island, Ill.
Hence J. W. Foundry Co. (Ball Gum, Breath Perfume, etc), Westerville, O.
Hilo Gum Co., 1516 W Vanburen, Chicago, Ill.
Ideal Mfg. Co. (Postage Stamps), Anderson, Ind.

VENDING MACHINES—continued

Joy Chas. H., 407 Aberdeen, Chicago, Ill.
Lorentzen, H. K. (Any Coin, Any Article, Models & Experimental Work), 60 Grand, New York
Midland Supply Co. ("Duplex" Postage Stamp), Davenport, Iowa
Mills Novelty Co. (Candy, Cigar, Cigarette, Gum, Peanut, Package, etc, Coin Operating), 221 S Green, Chicago, Ill.
Pick Albert & Co., 212 W. Randolph, Chicago, Ill.
Puritan Machine Co. (Ltd.), Lafayette & 10th, Detroit, Mich.
Rotary File & Machine Co., 200 Diamond, B'klyn, N. Y.
Ryede Specialty Works (Gum, Chocolate), Rochester, N. Y.
True Blue Gum Co. (Gum), Lansing, Mich.
Waddell Co., Greenfield, O.
Watling Mfg. Co. (Coin Operating), 1029 W Adams, Chicago, Ill.

9383—Veneer Cutting Machines

American-Blakeslee Mfg. Co. ("Blakeslee"), Birmingham, Ala.
Bentel & Margedant Co. (Rip & Cross Cut Saws), Hamilton, O.
Capital Machine Co., Indianapolis, Ind.
Coe Mfg. Co. (Rotary, Slicing & Sawing), Painesville, O.
Hubbard's Norman Sons ("Rochow"), 265 Water, Brooklyn, N. Y.
Merritt Mfg. Co. (Rotary Veneer Lathe & Automatic Veneer Clipper), Lockport, N. Y.
St. Joseph Iron Works (Lathes), St. Joseph, Mich.
Titus Elmer E., Petersburg, Va.
Trevor Mfg. Co. (For Crate Slates, etc), Lockport, N. Y.

9384—Veneer Drying Machines

Duplex Moulding Sander Co. ("Duplex"), Hornell, N. Y.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Merritt Mfg. Co. ("Merit-Gale"), Lockport, N. Y.

9385— Vermicelli Machinery

See also Macaroni Machy.

City Machine Co., Cleveland, O.

9386— Vinegar Machinery

Beman Automatic Oil Can Co. (Self Measuring Cabinet), Meadville, Pa.
Hydraulic Press Mfg. Co., Mt. Gilead, Ohio
Kaestner & Hecht Co., 500 Throop, Chicago, Ill.

9386a—*Viscose Machinery

WERNER & PFLEIDERER CO., 1232 No. Niagara, Saginaw, Mich.
See adv index at end of book

9387— Voting Machines

Automatic Registering Machine Corp., Jamestown, N. Y.
Kansas Voting Machine Co., Topeka, Kans.
Universal Indicator Co., Majestic bldg, Milwaukee, Wis.

Wagon Builders' Machinery

See Carriage Builders' Machinery

9388—Wall Paper Machinery

Marresford Wm. F. (For Wall Paper Sample Books), 56 Pearl, Brooklyn, N. Y.
Waldron Jno. Co., New Brunswick, N. J.
Werner & Pfleiderer Co., 1232 No. Niagara, Saginaw, Mich.
See adv index at end of book

9389—Wall Paper Numbering & Lettering Machines

Allen A. & Co., 2001 Carpenter, Phila., Pa.

9390—Wall Paper Pasting, Trimming & Matching Machinery

Baird Machine Co. (Also Stains, Splits Border in Narrow Pieces), Bridgeport, Conn.

9391—Washer Cutting Machines

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
National Machinery Co., Tiffin, O.
Pawtucket Mfg. Co., Pawtucket, R. I.
Southwark Foundry & Machine Co., Philadelphia, Pa.

Washing Machines

See Washing Machines in the Letter W

9392—Washing Machines (Laundry)

Adams Laundry Machinery Co. (Mill), Troy, N. Y.
American Laundry Machinery Co. (Cylindrical), Cincinnati, O.
Empire Laundry Machinery Co. (Cylindrical), 352 Western av, Boston, Mass.
Poland Laundry Machinery Co. (Cylindrical), 47 Kemble, Boston, Mass.

9393—Washing Machines (Vegetable & Fruit)

Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

9394—Waste Product Machinery for Packing Houses

Joslin, Schmidt Co. (Glue Works, Soap Factories, etc), 3223 Spring Grove av, Cincinnati, O.

9394a—*Waste Saving Machines

OIL & WASTE SAVING MACHINE CO., Real Estate Trust bldg, Phila, Pa.

9395—Waste Washing Machines

American Tool & Machine Co. (For Cotton or Woolen, Wiping or Packing Waste, etc), 10 High, Boston, Mass.

9396—Watch Case Machinery

Cavagnaro Jno. J., Harrison, N. J.

Watchmakers' Machinery

See Clock & Watchmakers' Machinery

9397—Wax Caking Machines

Moore Samuel L. & Sons, Elizabeth, N. J.

9398—Weighing Machines (Automatic)

Automatic Weighing Machine Co., 138 Commerce, Newark, N. J.
Bond Scale Co., Los Angeles, Cal.
Edtbauer E. ("Duplex" for Groceries, etc), 817 Washington blvd, Chicago, Ill.
FAIRBANKS CO., 416 Broome, New York
For branch houses see Alphabetical Section
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Pneumatic Scale Corp. (Ltd.), Norfolk Downs, Mass.
Richardson Scale Co. (Self-Indicating & Totalling), Passaic, N. J.
SCHAFFER ENGINEERING & EQUIPMENT CO. (Poidometer), Tiffin, O.
See adv index at end of book
Streeter-Amet Weighing & Recording Co., 4101 Ravenswood av, Chicago, Ill.
Unit Weighing & Packing System, Scott & McHenry, Baltimore, Md.
Werner & Pfleiderer Co., 1232 No. Niagara, Saginaw, Mich.
See adv index at end of book

9399-400—Weighing, Packing & Bagging Machines (Automatic)

Automatic Weighing Machine Co. (Weighing & Packing), 138 Commerce, Newark, N. J.
Case J. I. Threshing Machine Co. (Grain Baggers) Racine, Wis.

PATENTS

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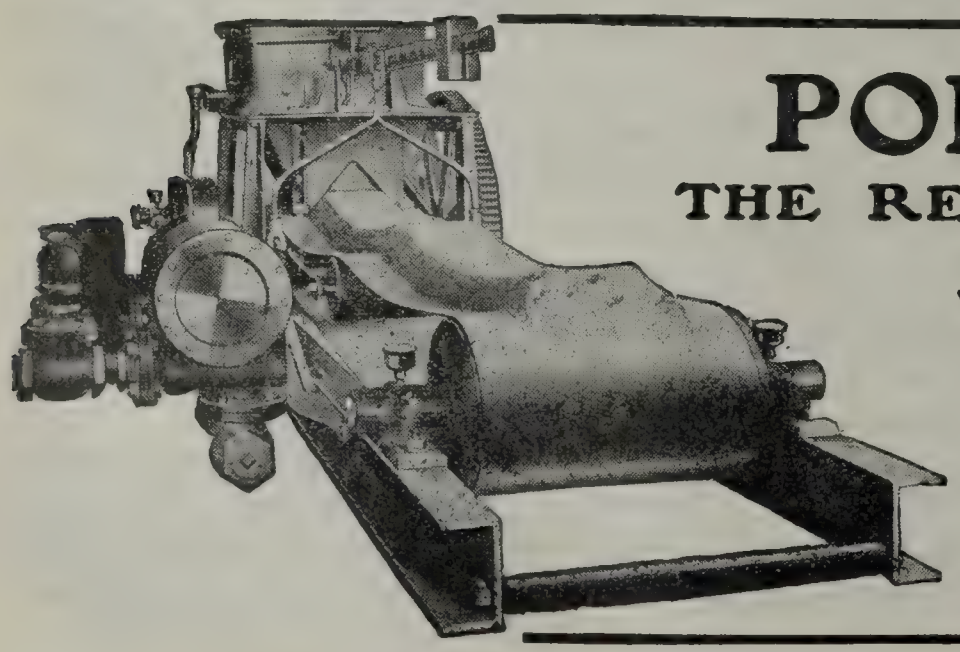
Munn & Co., 699 Woolworth Bldg., N. Y.
Washington Office: 625 F Street, Washington, D. C.

Welding Machines (Autogenous)

See Welding & Cutting Apparatus Oxyacetylene



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THE SCHAFFER ENGINEERING & EQUIPMENT CO.
TIFFIN, OHIO, U. S. A.

9401—Welding Machines (Electric)

Brom Boiler & Welding Co., 1615 Merwin av, Cleveland, O.
Burke Electric Co. ("Arc"), Erie, Pa.
C. & C. Electric & Mfg. Co., Garwood, N. J.
Colonial Supply Co., 541 Wood, Pittsburgh, Pa. *See adv index at end of book*
Detroit Electric Welder Co. ("Vollans"), 255 Lafayette blvd, W, Detroit, Mich.
Electric Ry. Improvement Co., Cleveland, O.
Electric Welding Co., 764 Court, New York
Federal Electric Welder Co., Warren, O.
GEUDER, PAESCHKE & FREY CO. ("Cream City," Butt, Spot & Seam), Milwaukee, Wis.
See adv index at end of book
Lincoln Electric Co. (Arc), Cleveland, O.
Pacific Elec. Welder & Mfg. Co., Seattle, Wash.
Quasi-Arc Weltrode Co., Inc., 109 Lafayette, New York
Siemund Wenzel Electric Welding Co., 30 Church, New York
Taylor Welder Co., Warren, O,
Thomson Electric Welding Co., 161 Pleasant, Lynn, Mass.
Thompson Spot Welder Co., Cincinnati, O.
Tuasi Arc Weldtrobe Co. Inc., 107 Lafayette, New York
Universal Elec. Welding Co., 30 E 42nd, New York
Welding Materials Co., 114 Liberty, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wilson Welder & Metals Co., 52 Vanderbilt av, New York
Winfield Elec. Welding Mach. Co. ("Winfield"), Warren, Ohio

9402—Well Drilling Machinery

Alamo Iron Works, San Antonio, Tex.
American Well Works, Aurora, Ill.
See adv index at end of book
American Well & Prospecting Co., Corsicana, Tex.
Armstrong Mfg. Co. ("Armstrong," for Oil, Gas, Water Wells, Prospecting & Blast Hole Drilling), Waterloo, Ia.
Artesian Well & Supply Co., Providence, R. I.
Atlas Supply Co., Muskogee, Okla.
Bovaird & Seyfang Mfg. Co., Bradford, Pa.
Dempster Mill Mfg. Co., Beatrice, Neb.
Everhard Co., Massillon, O.
Ferguson Mfg. Co. (Oil, Gas & Water), Waterloo, Ia.
Finlayson Tool Co., Tulsa, Okla.
Fort Worth Well Machy. & Supply Co., Fort Worth, Tex.
Grimes G. W. Co. (Oil Well), Bluffton, Ind.
Hardy Mach. Co. (Oil & Gas), N Baltimore, O.
Howell R. R. & Co., 31st av, Minneapolis, Minn.
Hughes Tool Co. (Rotary Drill Bits for Oil, Gas & Water Wells), Houston, Tex.
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
KEYSTONE DRILLER CO. ("Keystone"), Beaver Falls, Pa.
La Crosse Well Drill Works, La Crosse, Wis.
Landerson-Cyclone Drill Co., Orrville, O.
Leidecker Tool Co., Marietta, O.
Lisle Mfg. Co., Clarinda, Ia.
Loomis Machine Co. ("Clipper"), Tiffin, O.
LUCEY MANUFACTURING CORP. ("Rex" Rotary Oil & Gas), 233 B'way, New York
For branch offices see Alphabetical Section
Milton S. G. & Son ("Milton" for Pulling Rods or Tubing from Wells & Replacing Same Ready for Pumping), Franklin, Pa.
National Supply Co., Toledo, O.
Oil Well Supply Co. (Oil Well, etc), 215 Water, Pittsburgh, Pa.
Pech Gus Foundry & Mfg. Co., Le Mars, Ia.
Red Cross Mfg. Co., Bluffton, Ind.
Rockford Iron Works, Rockford, Ill.
St. Louis Well Machine & Tool Co., Kingsland av, St. Louis, Mo.
San Antonio Machine & Supply Co. ("West Texas"), San Antonio, Tex.
Sparks Drilling Jar Co., Charleston, W. Va.
Sparta Iron Works Co., Sparta, Wis.
Star Drilling Machine Co. (Portable), Akron, O.
Sweeney & Gray Co. (Shallow Wells), 83-85 6th, L. I., N. Y.
See adv index at end of book
Titusville Iron Co., Titusville, Pa.
Union Tool Co., ("Ideal" for Oil, Gas & Artesian Wells), Los Angeles, Cal.
United Iron Works Co., Kansas City, Mo.
Williams Bros., Ithaca, N. Y.

9403—Wet Machines (Paper Mill)

Bagley & Swell Co., Watertown, N. Y.
Baker Mfg. Corp, Saratoga Springs, N. Y.
Beloit Iron Works, Beloit, Wis.
Carthage Machine Co., Carthage, N. Y.
Clark H. C. & Son Machine Co., Lee, Mass.
Dilts Machine Works, (Inc.) Fulton, N. Y.
Emerson Mfg. Co. (Also Pulp Mill), Lawrence, Mass.
Friction Pulley & Machine Works, Hudson Falls, N. Y.
Holyoke Machine Co., Holyoke, Mass.
Rice, Barton & Fales Machine & Iron Co., Worcester, Mass.
Sandy Hill Iron & Brass Works (Pulp Mill), Hudson Falls, N. Y.
Smith & Winchester Mfg. Co., So. Windham, Conn.

9403a—Wheat Scouring & Polishing Machines

Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co., ("Monitor"), Silver Creek, N. Y.
Invincible Grain Cleaner Co., Silver Creek, N. Y.

9404—Wheat Washing & Stone Separating Machinery

Wolf Co., Chambersburg, Pa.

9405—Wheel Boxing Machines

Defiance Machine Works, Defiance, O.

9406—Wheel Facing Machines

Bentel & Margedant Co., Hamilon, O.

9407— Wheel Machinery

Bentel & Margedant Co. (Automobile, etc), Hamilton, O.
Blomquist Erk Machine Co. (Automobile), 1146 E 152d, Cleveland, Ohio
Defiance Machine Works, Defiance, O.
Empire Mach. Works, Mt. Morris, N. Y.
Fay J. A. & Egan Co., Cincinnati, O.

9408—Wheel Polishing Machines

Bentel & Margedant Co., Hamilton, O.

9409-10—Wheel Tenoning Machines

Bentel & Margedant Co., Hamilton, O.

9411—Whisk Broom Machinery

See also Broom Machinery

Cassard Hamilton, Holliday & Pleasant, Baltimore, Md.

9412— White Lead Machinery

Campbell Peter F., 51 Laurel, Phila., Pa.
Cresson-Morris Co., Allegheny & 18th, Philadelphia, Pa.
Kaestner & Hecht Co., 500 Throop, Chicago, Ill.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Ross Chas. & Son Co., 148 Classon av, Brooklyn N. Y.
Werner & Pfleiderer Co., 1232 N. Niagara, Saginaw, Mich.
See adv index at end of book

Whitewash Spraying Machines

See Paint & Whitewash Spraying Machines

9413—Whiting Works Machinery

Campbell P. F., 51 Laurel, Phila., Pa.

9414—Winding Machinery (For Hydraulic Dredges)

Norbom Engng. Co., Denckla bldg, Phila., Pa.

9415—Window Frame Machinery

New Britain Machine Co. ("New Britain"), 190 Chestnut, New Britain, Conn.
Schaefer Mfg. Co. (Portable), Berlin, Wis.
Smith & Phillips Mfg. Co., 1008 W Madison, Chicago, Ill.

9416—Window Pocket Cutting Machines

Smith & Phillips Mfg. Co., 1008 W Madison, Chicago, Ill.

9417—Window Shade Machinery

Swift Geo. W., Jr., Bordentown, N. J.

9418—Wine Making Machinery

Hydraulic Press Mfg. Co., Mount Gilead, O.
Klotz Machine Co., Sandusky, O.
Krogh Mfg. Co., 147 Beale, San Francisco, Cal.

9419—Wire Barbing Machines

Bates Machine Co., Joliet, Ill.

9420—Wire Barrel Hoop Machines

Gilmour Hogshead Mach. Co., Owensboro, Ky.

9421—Wire Cloth Measuring Machines

Killy Mfg. Co., Cleveland, Ohio
Schriver O. P. & Co. ("I. X. L."), 621 E. Pearl, Cincinnati, O.

9422—Wire Cloth Weaving Machines

Crompton & Knowles Loom Works, Worcester, Mass.
Mason Machine Wks, Taunton, Mass.
Sailor Whitmore Machine Co., Menasha, Wis.

Wire Covering Machinery

See Wire & Cable Covering Machinery

9423—Wire Crating Machines

Gilmour Hogshead Mach. Co., Owensboro, Ky.

9424—Wire Crimping Machines

Automatic Machine Co., Bridgeport, Conn.
Cady Mach. Co. (Automatic), Cleveland, O.
Manville E. J. Machine Co., Waterbury, Conn.
Smurr & Kamen Machine Co. (Crimping, Cutting & Counting Combined), 313 N Whipple, Chicago, Ill.
Wells Frank L. Co., Kenosha, Wis.

9425-6—Wire Drawing Machinery

Bates Machine Co., Joliet, Ill.
Humphrey & Sons ("Humphrey," Wire Drawing Benches, etc), Joliet, Ill.
McWilliams Thos. (Draw Benches), 237 Eddy, Providence, R. I.
Mackenzie's Duncan Sons Co. (Draw Benches), Trenton, N. J.
Morgan Construction Co., Worcester, Mass.
New England Machinery Co., New Haven, Conn.
Richard Mfg. Co., Bloomsburg, Pa.
Standard Machinery Co., Providence, R. I.
Torrington Mfg. Co., Torrington, Conn.
Turner, Vaughn & Taylor Co., Cuyahoga Falls, O. *See adv index at end of book*
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

Wire Fence Machinery

See Woven Wire Fence Machines

9427—Wire Forming Machinery

Atlas Machine Co., Waterbury, Conn.
Automatic Machine Co., Bridgeport, Conn.
Baird Machine Co. ("Automatic"), Bridgeport, Conn.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

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Cady Machine Co. (Automatic), Cleveland, O.
Coulter & McKenzie Machine Co., Bridgeport, Conn.
Manville E. J. Machine Co., Waterbury, Conn.
Nilson A. H. Machine Co. (Automatic & Four Slide), Bridgeport, Conn.
SEIFERT SPECIAL MACHINERY CO. INC. (Automatic), 3$8 Pearl, Hartford, Conn.
SLEEPER & HARTLEY, INC. (Automatic), 168 Prescott, Worcester, Mass.
See adv index at end of book
Smurr & Kamen Machine Co., 313 N Whipple, Chicago, Ill.
Special Machinery Co., Bridgeport, Conn.
Standard Machinery Co., Providence, R. I.
Westchester Machine Co., Mt. Vernon, N. Y.

9428—Wire Galvanizing Machinery

Bates Machine Co., Joliet, Ill.
Morgan Construction Co., Worcester, Mass.
Turner, Vaughn & Taylor Co., Cuyahoga Falls, O. *See adv index at end of book*

9429—Wire Handle Machines

AMERICAN CAN CO. (Machinery Dept.), ("Rudolphi & Krummel" Automatic), Monroe bldg, Chicago, Ill.
See adv index at end of book
Stecher Chas. Co., 1580 Crossing, Chicago, Ill.

Wire Insulating Machinery

See Wire & Cable Covering Machinery

9430— Wire Machinery

Aetna Fdry. & Mach. Co. (Wire Mill), Warren, O.
AMERICAN CAN CO. (Mach'y Dept.), Monroe bldg, Chicago, Ill.
See adv index at end of book
Bates Machine Co., Joliet, Ill.
Franklin Mfg. Co. (Automatic Straightener & Cutter), New Haven, Conn.
Humphrey & Sons (Wire Mills), Joliet, Ill.
Kilby Mfg. Co., Cleveland, O.
Mackenzie's Duncan Sons Co. (Draw Benches & Annealers), Trenton, N. J.
Manville E. J. Machine Co., Waterbury, Conn.
Morgan Construction Co., Worcester, Mass.
New England Machinery Co. (Planetary & Closing), New Haven, Conn.
Richard Mfg. Co., Bloomsburg, Pa.
SHUSTER F. B. CO. (Wire Straightening & Cutting), Cedar Hills, New Haven, Conn. *See adv index at end of book*
Turner, Vaughn & Taylor Co. (Wire Mill), Cuyahoga Falls, O.
See adv index at end of book
Watson Machine Co., Paterson, N. J.

9431—Wire Mattress Machinery

See also Woven Wire Mattress Machinery

Cavagnaro John J., Harrison, N. J.
Houchin-Aiken Co., 113 53d, B'klyn, N. Y.
Ivens Wm. H. Sons Co., P. O. Box 647, Trenton, N. J.
Lippert & Rhenstrom, Kenosha, Wis.
Wells Frank L. Co., Kenosha, Wis.

9432—Wire Measuring Machines

Anderson Homer, Peekskill, N. Y.
Chumbley J. E. & Co. (Gant Meter), Nashville, Tenn.
Minneapolis Electric & Construction Co., Wire Reel & Measure, 112 S 7th, Minneapolis, Minn.
Moore S. L. & Sons, Elizabeth, N. J.
New England Butt Co., 304 Pearl, Providence, R. I.
Root C. J. Co., Bristol, Conn.
Textile Machine Works, Reading, Pa.
Waldman, John J., 136 Liberty, New York
Watson Machine Co., Paterson, N. J.

9433—Wire Nail Barbing Machines

Miller's H. J. Sons ("Improved Perkins"), Bridgewater, Mass.
Turner, Vaughn & Taylor Co., Cuyahoga Falls, O. *See adv index at end of book*

9434—Wire Nail Cleaning Machines

Ladel Mfg. Co., New Philadelphia, O.

Wire Nail Machinery

See Nail Mill Machinery

9435—Wire Pointing Machinery

See also Swaging Machines

Baird Machine Co. (Automatic), Bridgeport, Conn.
Bates Machine Co., Joliet, Ill.
Langelier Mfg. Co., Arlington, Providence, R. I.
Manville E. J. Machine Co., Waterbury, Conn.
Morgan Construction Co., Worcester, Mass.
TORRINGTON CO., THE EXCELSIOR PLANT, successor to Excelsior Needle Co. ("Dayton"), Torrington, Conn.
See adv index at end of book
Turner, Vaughn & Taylor Co., Cuyahoga Falls, O. *See adv index at end of book*

9436— Wire Rivet Machines

Cook Asa S. Co., Hartford, Conn.
Manville E. J. Machine Co., Waterbury, Conn.
Perkins Henry Co., Bridgewater, Mass.

9437—Wire Rope Making Machinery

New England Butt Co., 304 Pearl, Providence, R. I.

9438—Wire Spoke Heading & Bending Machines

Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

9439—Wire Spooling Machines

Cady Machine Co., Cleveland, O.
Koegel Chas. & Sons, Holyoke, Mass.
New England Machinery Co., New Haven, Conn.
SLEEPER & HARTLEY, INC., 68 Prescott, Worcester, Mass.
See adv index at end of book
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
Watson Machine Co., Paterson, N. J.
Wright Wire Co., Worcester, Mass.
See adv index at end of book

9440—Wire Spring Coiling Machines

See also Spring Coiling Machines

Baird Machine Co. (Automatic), Bridgeport, Conn.
Garvin Machine Co., 147 Varick, New York
Manville E. J. Machine Co., Waterbury, Conn.
SLEEPER & HARTLEY, INC., 68 Prescott, Worcester, Mass.
See adv index at end of book

9441—Wire Spring Machinery

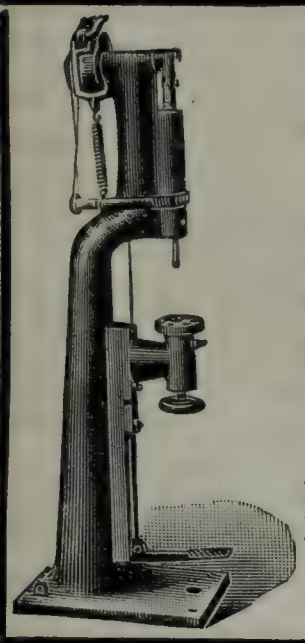
Nilson A. H. Machine Co. (Automatic), Bridgeport, Conn.
SLEEPER & HARTLEY, INC. (Automatic), 68 Prescott, Worcester, Mass.
See adv index at end of book

9442—Wire Stapling Machinery

Allen A. & Co. ("Lightning," "Hercules," for Book Binders), 200 Carpenter, Phila., Pa.
Morrison J. L. Co. (Bookbinders'), Niagara Falls, N. Y.
St. Joseph Iron Works (For Baskets, Packages, etc.), St. Joseph, Mich.
Saranac Machine Co. ("Advance" for Baskets, Boxes, Fruit Package, Butter Dish, etc.), Benton Harbor, Mich.

9443—Wire Stitching Machines

BECK CHAS. CO., 607 Chestnut, Phila, Pa.
See adv index at end of book
Boston Wire Stitcher Co., East Greenwich, R. I.
Brown R. H. & Co., New Haven, Conn.
Central Machine Co., Niagara Falls, N. Y.
Dietz Machine Works (Toilet & Towel Tube), 126 Fontain, Philadelphia, Pa.
Gitzendanner-Muller Co. ("National"), 15 Vandewater, New York
Latham Machinery Co. ("Monitor"), 1158 Fulton, Chicago, Ill.



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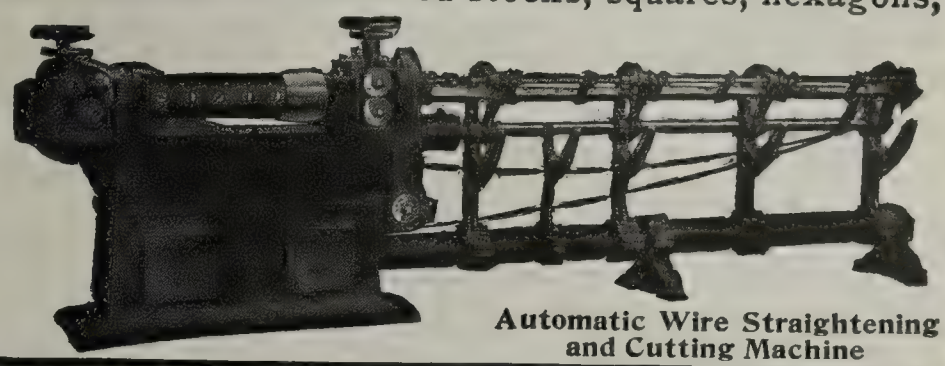
Foot Presses
Cotter Pin Machines
Staple Machines
Butt Milling Machines Sprue Cutters
Buckle Tongue Machines
Helix Coiling Machines
Butt Drilling Machines



Automatic Wire Straightening and Cutting Machine

Morrison J. L. Co. ("Perfection"), Niagara Falls, N. Y.
N. J. Wire Stitching Mach. Co., Camden, N. J.
Rosback F. P. Co. ("Progress"), Benton Harbor, Mich.
Saranac Machine Co. ("Advance" for Books & Pamphlets), Benton Harbor, Mich.
Sheridan T. W. & C. B. Co., 434 Broadway, New York.

9444—*Wire Straightening Machines (Roll & Rotary)

SHUSTER F. B. CO., Cedar Hills, New Haven, Conn. *See adv index at end of book*

9445—Wire Straightening & Cutting Machines

AMERICAN CAN CO. (Machinery Dept.), Monroe bldg, Chicago, Ill.
See adv index at end of book
Baird Machine Co. (Automatic), Bridgeport, Conn.
Chandler & Farquhar Co., ("Federal" Straightening), 36 Federal, Boston, Mass.
Electric Welding Co., Benedum Trees bldg, Pittsburgh, Pa.
Franklin Mfg. Co. ("Cracker Jack"), New Haven, Conn.
Kane & Roach, Syracuse, N. Y.
Lewes Machine Co. ("Gregg" Automatic Core Wire), 6303 Central, Cleveland, O.
Manville E. J. Machine Co., Waterbury, Conn.
Nilson A. H. Machine Co. (Automatic), Bridgeport, Conn.
SHUSTER F. B. CO. (Automatic), Cedar Hills, New Haven, Conn.
See adv index at end of book
SLEEPER & HARTLEY, INC., 68 Prescott, Worcester, Mass.
See adv index at end of book
Wells Frank L. Co., Kenosha, Wis.
WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book

9446—Wire Straightening & Forming Machines

Nilson A. H. Machine Co. (Automatic), Bridgeport, Conn.
SLEEPER & HARTLEY, INC., 68 Prescott, Worcester, Mass.
See adv index at end of book

9447—Wire Stranding Machines

New England Butt Co., 304 Pearl, Providence, R. I.
New England Machinery Co. ("Larmuth," High Speed), New Haven, Conn.
Watson Machine Co., Paterson, N. J.

9448-9—Wire Twisting Machines

Bates Machine Co., Joliet, Ill.
New England Machinery Co., New Haven, Conn.
Watson Machine Co., Paterson, N. J.

Wire Weaving Machinery

See Wire Cloth Weaving Machines

9449a—Wire Wheel Machines

Langelier Mfg. Co., Arlington, Providence, R. I.

9450—Wire Winding Machinery

American Insulating Machinery Co., Huntingdon & Fairhill, Phila., Pa.
Koegel Chas. & Sons, Holyoke, Mass.
Morgan Construction Co., Worcester, Mass.
New England Butt Co., 304 Pearl, Providence, R. I.
New England Machinery Co., New Haven, Conn.

9450a—*Wire Wrapping Machines

PIERCE WRAPPING MACHINE CO., 631 W Jackson blvd, Chicago, Ill.
See adv index at end of book

9451—Wire & Cable Covering Machinery

American Insulating Machinery Co., Huntingdon & Fairhill, Philadelphia, Pa.
Brooks Chas. J., New Haven, Conn.
Chernack Mfg. Co., Pawtucket, R. I.
Clark Edred W., Hartford, Conn.
Farrell Fdy. & Mach. Co., Ansonia, Conn.
Moore S. L. & Sons, Elizabeth, N. J.
New England Butt Co., 304 Pearl, Providence, R. I.
New England Machinery Co., New Haven, Conn.
Rhode Island Braiding Mach. Co., 228 Aborn, Providence, R. I.
Royle John & Sons (Electric Wire Insulating), Paterson, N. J.
Textile Machine Works, Reading, Pa.
Torrington Mfg. Co., Torrington, Conn.
Wardwell Braiding Mach. Co., Central Falls, R. I.
Watson Machine Co., Paterson, N. J.

9452—Wire & Cable Polishing Machines

New England Butt Co., 304 Pearl, Providence, R. I.
Watson Machine Co., Paterson, N. J.

Wood Band Sawing Machines

See Band Sawing Machines for Wood

9453—Wood Barking Machines

Appleton Machine Co., Appleton, Wis.
Baker Mfg. Corp. ("C Bache-Wiig" Barking Drum), Saratoga Springs, N. Y.
Green Bay Barker Co., Green Bay, Wis.
Holyoke Machine Co., Holyoke, Mass.
Kline Lewis T., Alpena, Mich.
Manitowoc Engineering Works (Rotary), Manitowoc, Wis.
Portland Co., Portland, Me.
Sandy Hill Iron & Brass Works, Hudson Falls, N. Y.
Scott Olin (Est. of), Bennington, Vt.
Trevor Mfg. Co., Lockport, N. Y.
Valley Iron Works Co., Appleton, Wis.
Waterville Iron Works, Waterville, Me.

9454—Wood Bending Machines

American Woodworking Machinery Co., Rochester, N. Y.
Bancroft & Barnard, Gardner, Mass.
Defiance Machine Works, Defiance, O.
Fay J. A. & Egan Co., Cincinnati, O.
Hercules Machinery Co., 50 Church, New York *See adv index at end of book*
Smith H. B. Machine Co., Smithville, N. J.
Superior Iron Works Co., Superior, Wis.

9455—Wood Boring Machines

See also Pneumatic Wood Boring Machines

Ajax Mfg. Co., 848 Jackson, N S, Pittsburgh, Pa.
American Woodworking Machinery Co., Rochester, N. Y.
Andrew M. L. & Co. (Multiple Spindles), Cincinnati, O.
Bentel & Margedant Co., Hamilton, O.
Carey W. W. Co., Lowell, Mass.
Cordesman-Rechtin Co., Butler, Cincinnati, Ohio
Crescent Machine Co., Leetonia, O.
Defiance Machine Works, Defiance, O.
Eagle Square Mfg. Co. (Carpenters' Hand), S Shaftsbury, Vt.
Falls Machine Co., Sheboygan Falls, Wis.
Fay J. A. & Egan Co., Cincinnati, O.

High-Speed Automatic Wire Straightening and Cutting Machines

DESIGNED FOR VERY HIGH PRODUCTIVE SPEEDS, AND VERY ACCURATE AND UNIFORM RESULTS. STRAIGHT-LINE MACHINES, WITH BELTS ALL IN ONE PLANE

SLEEPER & HARTLEY, INC. **WORCESTER, MASS., U. S. A.**

See our adv. pages 871 and 901

WOOD BORING MACHINES—continued

Fischer Machine Works (Multiple Adjustable), 1845 Carroll av, Chicago, Ill.
Frank Machinery Co., Buffalo, N. Y.
Greenlee Bros. & Co., (Mutiple Spindle) Rockford, Ill.
Hall & Brown Wood Working Machine Co., 1913 N B'way, St. Louis, Mo.
Hayes E. B. Machinery Corp., Oshkosh, Wis.
Heath W. A. Machine Co., Lestershire, N. Y.
Hercules Machinery Co., 50 Church, New York *See adv index at end of book*
Holmes E. & B. Machinery Co., Buffalo, N. Y.
Jenkins Machine Co. (Upright Iron Post, also Multiple Spindle), Sheboygan, Wis.
Jones Superior Machine Co. ("Superior"), 1264 W North av, Chicago, Ill.
Kidder R. E. Co., Worcester, Mass.
Nash J. M. ("Universal" Power Feed Multiple Spindle), 842 30th, Milwaukee, Wis.
National Woodworking Machine Co., Dover, N. H.
Ober Mfg. Co. (Combined Boring & Chucking), Chagrin Falls, O.
Oliver Machinery Co., Grand Rapids, Mich.
Power L. & Co., 20 S 23d, Phila., Pa.
Pringle & Brodie (Multiple Spindle, Vertical & Horizontal), 514 S Canal, Chicago, Ill.
Root B. M. Co. ("Root"), York, Pa.
Sidney Tool Co., Sidney, O.
Smith H. B. Machine Co., Smithville, N. J.
Superior Iron Works Co., Superior, Wis.
Valley City Machine Works (Double Spindle, Radial & Vertical), Grand Rapids, Mich.
Wheland Co., Chattanooga, Tenn.
Woods S. A. Machine Co. ("The Planers of Woods"), Boston, Mass.

9456— Wood Boring Machines (Hand Power)

Ajax Mfg. Co. ("Ajax," "Phillips," Self Withdrawing), 848 Jackson, Pittsburgh, Pa.
Hercules Machinery Co., 50 Church, New York *See adv index at end of book*

9457—Wood Boring Machines (Multiple)

Andrew M. L. & Co., Cincinnati, O.
Bentel & Margedant Co., Hamilton, O.
Defiance Machine Works, Defiance, O.
Fischer Machine Works (Adjustable), 1845 Carroll av, Chicago, Ill.
Hall & Brown Wood Working Machine Co., 1913 N B'way, St. Louis, Mo.
Hercules Machinery Co., 50 Church, New York *See adv index at end of book*
Root B. M. Co. ("Root"), York, Pa.
Woods S. A. Machine Co. ("The Planers of Woods"), Boston, Mass.

9458—Wood Carving Machines

American Woodworking Mach'y Co., Rochester, N. Y.
Curtis Mach. Corp. ("Lochman," "Moore"), Jamestown, N. Y.
Fay J. A. & Egan Co., Cincinnati, O.
Hall & Brown Wood Working Machine Co., 1913 N. B'way, St. Louis, Mo.
Hercules Machinery Co., 50 Church, New York *See adv index at end of book*
Porter C. O. Machy. Co., Grand Rapids, Mich.
Smith H. B. Machine Co., Smithville, N. J.
Valley City Machine Works ("Flying Dutchman," "Invincible," "Peerless," "Challenge," Carving Lathes), Grand Rapids, Mich.

Wood Chipping Machines

See Pulp Wood Chipping Machines

9459—Wood Chucking Machines

Jenkins Machine Co. (Double), Sheboygan, Wis.

9460—Wood Clipping Machines

Wetherill Robt. & Co., Chester, Pa.
Woods S. A. Machine Co. ("The Planers of Woods"), Boston, Mass.

9461—Wood Cutting-Off Machines

Adams W. T. Machine Co., Corinth, Miss.
ALLIS-CHALMERS MFG. CO. (Steam Feed Cutting-Off Saws), Milwaukee, Wis. *See adv index at end of book*
American Saw Mill Machinery Co., Hackettstown, N. J.
American Woodworking Mach'y Co., Rochester, N. Y.
Barnes W. F. & John Co. (Foot & Power), Rockford, Ill.
Beach Mfg. Co., Montrose, Pa.
Bentel & Margedant Co., Hamilton, O.
Carey W. W. Co., Lowell, Mass.
Cordesman-Rechtin Co., Butler, Cincinnati, O.
Defiance Machine Works, Defiance, O.
Dodds Alexander Co., Grand Rapids, Mich.
Farquahar A. B. Co. (Ltd.), York, Pa.
Fay J. A. & Egan Co., Cincinnati, O.
Fischer Machine Works (Double & Automatic Self-Feed Cut-Off Saws), 1845 Carroll av, Chicago, Ill.
Frank Machinery Co., Buffalo, N. Y.
Grammes L. F. & Sons, Allentown, Pa. *See adv index at end of book*
Hall & Brown Woodworking Machine Co. (Carriage Cut-Off Sawing Machines), 1913 N. B'way, St. Louis, Mo.
Hayes E. B. Machinery Corp., Oshkosh, Wis.
Hercules Machinery Co., 50 Church, New York *See adv index at end of book*
Holmes E. & B. Machy. Co., Buffalo, N. Y.
Jenkins Machine Co. (Oil Driven Automatic High Speed Cut off Saw), Sheboygan, Wis.
Kline Lewis T., Alpena, Mich.
Lane Mfg. Co., Montpelier, Vt.
Luther B. G. Co. (Double Cut-Off), Worcester, Mass.
Marston J. M. & Co. (Hand), 226 Ruggles, Boston, Mass.
Mecklenburg Iron Works, Charlotte, N. C.
Newman Machine Co., Greensboro, N. C.
Ober Mfg. Co., Chagrin Falls, O.
Olney & Warrin, 406 Broome, New York
Power L. & Co., 20 S 23d, Phila., Pa.
Sidney Tool Co. (Cut-Off Saws), Sidney, O.
Smith H. B. Machine Co. (Also Pendulum or Swing), Smithville, N. J.
Towsley Jno. T. Mfg. Co., Cincinnati, O.
Union Iron Works, Bangor, Me.
Woods S. A. Machine Co. ("The Planers of Woods"), Boston, Mass.
Yates P. B. Machine Co., Beloit, Wis.

9462—Wood Cutting-Off & Equalizing Machines

Defiance Machine Works, Defiance, O.
Hercules Machinery Co., 50 Church, New York *See adv index at end of book*

9463—Wood Dish Machinery

Defiance Machine Works, Defiance, O.
Hercules Machinery Co., 50 Church, New York *See adv index at end of book*

Wood Embossing Machines

See Embossing Machines

Wood Fibre Machinery

See Fibre Machinery

9464—Wood Flooring Machines

American Woodworking Mach'y Co., Rochester, N. Y.
Fay J. A. & Egan Co., Cincinnati, O.
Hall & Brown Woodworking Machine Co., 1913 N B'way, St. Louis, Mo.
Hercules Machinery Co., 50 Church, New York *See adv index at end of book*
Moltz Jacob J., Williamsport, Pa.
Newman Machine Co., Greensboro, N. C.
Power L. & Co., 20 S 23d, Phila., Pa.
Smith H. B. Machine Co., Smithville, N. J.
Woods S. A. Machine Co. ("The Planers of Woods"), Boston, Mass.
Yates P. B. Machine Co., Beloit, Wis.

Wood Gang Boring Machines

See Wood Boring Machines, Multiple

9465—Wood Gang Drilling Machines

Bentel & Margedant Co., Hamilton, O.
Fay J. A. & Egan Co., Cincinnati, O.
Hercules Machinery Co., 50 Church, New York *See adv index at end of book*
Williams, White & Co. (6 to 10 Holes), Moline, Ill.

9466—Wood Gang Sawing Machines

Bentel & Margedant Co., Hamilton, O.
Bradley H. C., Bridgeport, Conn.
Fischer Machine Works (Cutting-Up Saws), 1845 Carroll av, Chicago, Ill.
Hall & Brown Wood Working Machine Co., 1913 N. B'way, St. Louis, Mo.
Hercules Machinery Co., 50 Church, New York *See adv index at end of book*
Wickes Bros., Saginaw, Mich. *See adv index at end of book*

9467—Wood Graining Machines

Grand Rapids Panel Co., Grand Rapids, Mich.
Silver Hugh & Son, Ogdensburg, N. Y.
See our adv. pages 871 & 911

Wood Matching Machines

See Matching Machines, Wood

9468—Wood Mitreing Machines

McFarlan & Spilker Mfg. Co., Colerain & Dorman, Cincinnati, O.
Hall & Brown Wood Working Machine Co., 1913 N. B'way, St. Louis, Mo.
Hercules Machinery Co., 50 Church, New York *See adv index at end of book*
Oliver Machinery Co., Grand Rapids, Mich.

9469—Wood Mortising Machines

American Woodworking Mach'y Co., Rochester, N. Y.
Barnes W. F. & Jno. Co. (Hand & Foot Power), Rockford, Ill.
Bentel & Margedant Co., Hamilton, O.
Colgan Machinery & Supply Co. ("Champion"), Columbus, O.
Cordesman, Rechtin Co., Butler, Cincinnati, O.
Crescent Machine Co., Leetonia, O.
Defiance Machine Works, Defiance, O.
Fay J. A. & Egan Co., Cincinnati, O.
Frank Machinery Co., Buffalo, N. Y.
Greenlee Bros. & Co., Rockford, Ill.
Hall & Brown Wood Working Machine Co. (Cabinet Hollow Chisel, etc.), 1913 N. B'way, St. Louis, Mo.
Heath W. A. Machine Co. (Chair), Lestershire, N. Y.
Hercules Machinery Co., 50 Church, New York *See adv index at end of book*
Jenkins Machine Co. (6 or 8 Bit), Sheboygan, Wis.
Jones Superior Machine Co. ("Superior"), 1264 W North av, Chicago, Ill.
Oliver Machinery Co. ("Oliver"), Grand Rapids, Mich.
Perfecto Mortise Machine Co., Columbus, Ohio
Princess Mfg. Co. ("Princess" Automatic), 433 E Pearl, Cincinnati, O.
Seneca Falls Mfg. Co. ("Diamond," Foot Power), Seneca Falls, N. Y.
Smith H. B. Machine Co., Smithville, N. J.
Strong, Carlisle & Hammond Co., 336-344 Frankfort av, N W, Cleveland, O.
Wysong & Miles Co. (Square Chisel), Greensboro, N. C.

9470—Wood Moulding Machines

American Woodworking Mach'y Co., Rochester, N. Y.
Barnes W. F. & Jno. Co. (Hand & Foot Power), Rockford, Ill.
Bentel & Margedant Co., Hamilton, O.
Central Machine Works Co. (Double Spindle & Variety Moulding Machine), **1234 Central av, Minneapolis, Minn.**
Colladay Jos. O. Co., 626 Race, Phila., Pa.
Cordesman-Rechtin Co., Butler, Cincinnati, O.
De Loach Mill Mfg. Co., Bridgeport, Ala.
Defiance Machine Works, Defiance, O.
Fay J. A. & Egan Co., Cincinnati, O.
Frank Machinery Co., Buffalo, N. Y.
Greenlee Bros. & Co., Rockford, Ill.
Hall & Brown Woodworking Machine Co., 1913 N. B'way, St. Louis, Mo.

Hercules Machinery Co., 50 Church, New York *See adv index at end of book*
Hermance Machine Co. (7, 8, 9, 10, 12 & 14 inches, four Side), Williamsport, Pa.
Jones Superior Machine Co. ("Superior"), 1264 W North av, Chicago, Ill.
Marseilles Co., East Moline, Ill.
Newman Machine Co. (For Outside Moulding), Greensboro, N. C.
Power L. & Co. 22 S 23d, Philadelphia, Pa.
Smith H. B. Machine Co., Smithville, N. J.
Thomson W. S., 418 W 27th, New York
Woods S. A. Machine Co. ("The Planers of Woods"), Boston, Mass.
Yates P. B. Machine Co., Beloit, Wis.

9471—Wood Paneling Machines

Hall & Brown Wood Working Machine Co., 1913 N B'way, St. Louis, Mo.
Hercules Machinery Co., 50 Church, New York *See adv index at end of book*

9472—Wood Paving Block Machines

Garland M. Co., Bay City, Mich.
Wheland Co., Chattanooga, Tenn.

9473—Wood Pipe Boring Machines

Bentel & Margedant Co., Hamilton, O.
Hall & Brown Wood Working Machine Co., 1913 N B'way, St. Louis, Mo.

9474—Wood Polishing Machines

American Woodworking Machy. Co., Rochester, N. Y.
Defiance Machine Works (Belt, for Handles, Spokes, Rims, Felloes, etc), Defiance, O.
Fay J. A. & Egan Co., Cincinnati, O.
Hercules Machinery Co., 50 Church, New York *See adv index at end of book*
Klotz Machine Co., Sandusky, O.
Nash J. M., 842 30th, Milwaukee, Wis.
Smith H. B. Machine Co. (Sand), Smithville, N. J.
Yates P. B. Machine Co., Beloit, Wis.

Wood Printing Machines

See Box Board Printing Machines

Wood Pulp Wet Machines

See Wet Machines, Paper Mill

9475—Wood Ring & Valve Handle Machines

Pringle & Brodie, 514 Carroll, Chicago, Ill.

9476—Wood Sawing Machines

Aermotor Co., 1146 S Campbell av, Chicago, Ill.
American Sawmill Machinery Co., Hackettstown, N. J.
Appleton Mfg. Co. ("Appleton" Sliding & Tilting Table), Batavia, Ill.
Badger Gas & Gasoline Engine Co., Kansas City, Kans.
Baker Mfg. Co., Evansville, Wis.
Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Belle City Mfg. Co., Racine, Wis.
Bentel & Margedant Co., Hamilton, O.
Burlingame A. Co., Worcester, Mass.
Challenge Co. (Wood & Steel, Tilting & Sliding Table), Batavia, Ill.
Conner J. W. & Son, Orangeville, Pa.
Crescent Machine Co. (Sliding & Tilting Table), Leetonia, O.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Detroit Engine Works, Detroit, Mich.
Duplex Mfg. Co. (For Cord Wood), Superior, Wis.
Ellis Keystone Agricultural Works (Circular Saw), Pottstown, Pa.
Fairbanks, Morse & Co. (Type "Z" Engine Belted to a Tilting Table), 900 S Wabash av, Chicago, Ill.
Farquhar A. B. Co. (Ltd.), York, Pa.
Fay J. A. & Egan Co., Cincinnati, O.
Flint & Walling Mfg. Co. ("Star," Steel Frame), Kendallville, Ind.
Foos Gas Engine Co. (Circular Saw for Cord Wood), **300 Monroe, Springfield, Ohio**
Gehl Bros. Mfg. Co., West Bend, Wis.
Globe Foundry & Machine Co. (Circular & Pole Saw for Cord Wood), Sheboygan, Wis.
Gowanda Agricultural Works (Wood Mill with Jack), Gowanda, N. Y.
Greenville Implement Co., Greenville, Mich.
Hall & Brown Wood Working Machine Co., 1913 N B'way, St. Louis, Mo.
Harriman Mfg. Co., Harriman, Tenn.
Heebner & Sons ("Daisy"), Lansdale, Pa.
Hemingway Machine Co., Lynn, Mass.
Hercules Machinery Co., 50 Church, New York *See adv index at end of book*
Howell R. R. & Co., 31st av, Minneapolis, Minn.
Huntsville Fdry. & Mach. Co., Huntsville, Ala.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Ireland Machine & Foundry Co., Norwich, N. Y.
Kline Lewis T., Alpena, Mich.
Lyon Iron Works, Greene, N. Y.
Mallary & Roper Co., Macon, Ga.
Messinger Mfg. Co. (Swinging & Sliding Table), Tatamy, Pa.
Newman Mach. Co. (Swing), Greensboro, N. C.
Ober Mfg. Co., Chagrin Falls, O.
Perkins Wind Mill Co., Mishawaka, Ind.
Port Huron Engine & Thresher Co. (Sawing Only), Port Huron, Mich.
Smith & Pomeroy Windmill Co. ("Eureka"), Kalamazoo, Mich.
Thompson J. Plow Works, Beloit, Wis.
Wheland Co., Chattanooga, Tenn.
Weaver & Co. ("Champion"), New Oxford, Pa.
Wodsedalak Jos., Algoma, Wis.
Woods S. A. Machine Co. ("The Planers of Woods"), Boston, Mass.

9477—Wood Sawing Machines (Circular)

Barnes W. F. & John Co., Rockford, Ill.
Hercules Machinery Co., 50 Church, New York *See adv index at end of book*
Kidder R. E. Co. (For Ripping & Cross Cutting), Worcester, Mass.
Lyon Iron Works, Greene, N. Y.
Woods S. A. Machine Co. ("The Planers of Woods"), Boston, Mass.
Yates P. B. Machine Co., Beloit, Wis.

9478—Wood Sawing & Splitting Machinery

See also Kindling Wood Machinery

Baker Wm. H. ("Baker" Splitting), Trenton, N. J.
Clark Foundry Co. (Splitting Only), Rumford, Me.
Deane Machine Co. ("Splitting Only"), Fitchburg, Mass.
Glascock Stove & Mfg. Co. ("Glascock" Wood Splitting), Greensboro, N. C.
Hall & Brown Wood Working Machine Co., 1913 N B'way, St. Louis, Mo.
Hercules Machinery Co., 50 Church, New York *See adv index at end of book*
New Winona Mfg. Co. (Portable Wood Saws of Various Kinds), Winona, Minn.
West Point Iron Works (Splitters), West Point, Ga.
Wheland Co. (Splitting), Chattanooga, Tenn.

9479—Wood Scraping Machines

Whitney Baxter D. & Son, Winchendon, Mass.

9480—Wood Screw Machinery

Cook Asa S. Co., Hartford, Conn.
Manville E. J., Machine Co., Waterbury, Conn.

Wood Shaping Machines

See Shaping Machines, Wood

9481—Wood Shaping & Variety Moulding Machines

Central Machine Works Co. (Double Spindle), **1234 Central av, Minneapolis, Minn.**
Crescent Machine Co., Leetonia, O.
Hall & Brown Wood Working Machine Co., 1913 N B'way, St. Louis, Mo.
Hercules Machinery Co., 50 Church, New York *See adv index at end of book*
Sidney Tool Co., Sidney, O.
Woods S. A. Machine Co. ("The Planers of Woods"), Boston, Mass.
Yates P. B. Machine Co., Beloit, Wis.

9482—Wood Surfacing Machines

American Sawmill Machinery Co., Hackettstown, N. J.
American Woodworking Machy. Co., Rochester, N. Y.
Bentel & Margedant Co., Hamilton, O.
Connell & Dengler Machine Co., Rochester, N. Y.
Cordesman-Rechtin Co., Butler, Cincinnati, O.
Crescent Machine Co., Leetonia, O.
Fay J. A. & Egan Co., Cincinnati, O.
Hall & Brown Wood Working Machine Co., 1913 N B'way, St. Louis, Mo.
Hercules Machinery Co., 50 Church, New York *See adv index at end of book*
Newman Machine Co., Greensboro, N. C.
National Woodworking Machine Co., Dover, N. H.
Oliver Machinery Co., Grand Rapids, Mich.
Power L. & Co., 20 S 23d, Phila., Pa.
Sidney Tool Co., Sidney, O.
Stetson-Ross Machine Works, Seattle, Wash.
Strong, Carlisle & Hammond Co., 336-344 Frankfort av, N W, Cleveland, O.
Towsley Jno. T. Mfg. Co., Cincinnati, O.
Valley City Machine Works, Grand Rapids, Mich.
Whitney Baxter D. & Son (Single & Double Surfaces), Winchendon, Mass.
Woods S. A. Machine Co. ("The Planers of Woods"), Boston, Mass.
Yates P. B. Machine Co., Beloit, Wis.

9483—Wood Tenoning Machines

American Woodworking Mach'y Co., Rochester, N. Y.
Barnes W. F. & John Co. (Hand Power), Rockford, Ill.
Bentel & Margedant Co., Hamilton, O.
Cordesman-Rechtin Co., Butler, Cincinnati, O.
Defiance Machine Works (Chucking & Tenoning), Defiance, O.
Fay, J. A. & Eagan Co., Cincinnati, O.
Frank Machinery Co., Buffalo, N. Y.
Greenlee Bros. & Co., Rockford, Ill.
Hall & Brown Wood Working Machine Co., 1913 N B'way, St. Louis, Mo.
Hayes E. B. Machinery Corp. (Single & Double End), Oshkosh, Wis.
Heath W. A. Machine Co., Lestershire, N. Y.
Hercules Machinery Co., 50 Church, New York *See adv index at end of book*
Kane & Roach, Syracuse, N. Y.
National Woodworking Machine Co., Dover, N. H.
Newman Machine Co., Greensboro, N. C.
Power L. & Co., 20 S. 23d Phila., Pa.
Smith H. B. Machine Co., Smithville, N. J.
Strong Carlisle & Hammond Co., 336-344 Frankfort av, N. W., Cleveland, O.
Vulcan Iron Works Co. ("Universal" Tenon & Boring Machines), **Mason City, Ia.**
Wilkin-Challoner Co. (Double End), Oshkosh, Wis.

9484—Wood Thread Cutting Machinery

Defiance Machine Works, Defiance, O.

9485—Wood Trimming Machines

Adams W. T. Machine Co., Corinth, Miss.
Fox Machine Co., Jackson, Mich.
Giddings & Lewis Mfg. Co. ("G. & L." Air Lift), Fond du Lac, Wis.
Hall & Brown Woodworking Machine Co., 1913 N. B'way, St. Louis, Mo.
Lane Mfg. Co., Montpelier, Vt.
Lester & Wasley Co., Norwich, Conn.
Oliver Machinery Co., Grand Rapids, Mich.
Perkins & Co., ("Perkins" Bench Draw Stroke Trimmer), Grand Rapids, Mich.
Washburn Shops, Worcester, Mass.
Yates P. B. Machine Co., Beloit, Wis.

9485a—Wood Working Aeroplane Building Machines

Woods S. A. Machine Co., Boston, Mass. of Woods"), Boston, Mass.

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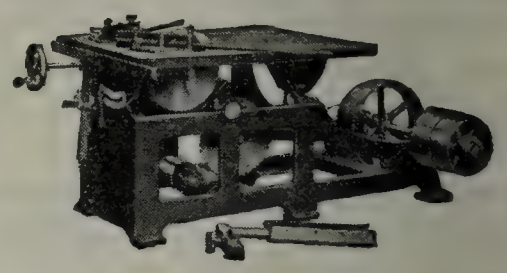


Wood Working Machinery

See the Specific Article Required

9486—Wood Working Machinery (Hand & Foot Power)

Barnes W. F. & Jno. Co. (Circular Sawing Machines), Rockford, Ill.
Crescent Machine Co., Leetonia, O.
Connell & Dengler Machine Co., Allen & Platt, Rochester, N. Y.
Elliott Woodworker Co., Congress & Brush, Detroit, Mich.
Hendley & Whittemore Co., Beloit, Wis.
Hercules Machinery Co., 50 Church, New York *See adv index at end of book*
Marston J. M. & Co., 226 Ruggles, Boston, Mass.
McDonough Mfg. Co., Eau Claire, Wis.
Machinery Co. of America, Grand Rapids, Mich.
Machy Co. of America (Saw & Knife Fitting Machy & Tools), Big Rapids, Mich.
Passelino Bros. Furniture Mfg. Co., 1111 Harper, Detroit, Mich.
Redin, Ekstioner Co., Rockford, Ill.

9487— Wood Working Machines (Universal)

American Saw Mill Machinery Co., Hackettstown, N. J.
Bentel & Margedant Co., Hamilton, O.
Bicknell Mfg. & Supply Co., Janesville, Wis.
Buffalo Forge Co. ("Crain"), Buffalo, N. Y.
Crescent Machine Co., Leetonia, O.
Elliot Woodworker Co., Congress & Brush, Detroit, Mich.
Fay J. A. & Egan Co., Cincinnati, O.
Hall & Brown Woodworking Machine Co., 1913 N. B'way, St. Louis, Mo.
Hercules Machinery Co., 50 Church, New Yor *See adv index at end of book*
Parks Ball Bearing Mach. Co., Knowlton & Fergus, Cincinnati, O.
Schaefer Mfg. Co. ("Berlin"), Berlin, Wis.
Sidney Tool Co. ("Famous"), Sidney, O.
Tannewitz Works, Grand Rapids, Mich.
Woodworkers' Mfg. Co., 96 Bush, Detroit, Mich.
Woods S. A. Machine Co. ("The Planers of Woods"), Boston, Mass.

9488—Wooden Corking Machines

Redlich Mfg. Co., 637 W Oak, Chicago, Ill.

Woolen Machinery

See Textile Machinery. For page number consult Index of Contents

9489—Woven Wire Mattress Machinery

See also Wire Mattress Machinery
Erlandsen Julius, 172 Centre, New York.

9490—Wrapper Cutting Machines

Shirk P. E., Blue Ball, Pa.

9490a—Wrapping Machines (Bread)

Heysen Mfg. Co., Sheboygan, Wis.
REMINGTON WRAPPING MACHINERY CO., 30 Church, New York

9491—Wrapping Machines (Candy)

Ideal Wrapping Machine Co. ("Ideal," Caramel), Middletown, N. Y.
Knott E. R. Machine Co., 156 Pearl, Boston, Mass.
REMINGTON WRAPPING MACHINERY CO., 30 Church, New York

9492—Wrapping Machines (Chewing Gum)

Package Machinery Co., Springfield, Mass.
Redington F. B. Co., 112 S Sangamon, Chicago, Ill.

9493—Wrapping Machines (Fruit & Merchandise

Package Machinery Co., Springfield, Mass.
Pneumatic Scale Corporation, (Ltd.), (Automatic for Cereals, Candy, Soap powders etc.), Norfolk Downs, Mass.
REMINGTON WRAPPING MACHINERY CO., 30 Church, New York

9494—Wrapping Machines (Rubber Mill)

Birmingham Iron Foundry, ("Birmingham"), Derby, Conn.
Farrel Fdry. & Machine Co., Ansonia, Conn.
Housatonic Mach. & Tool Co., Bridgeport, Conn.

9495—Wrapping Machines (Soap)

Machinery Designing & Mfg. Co., 656 Hudson, New York
Package Machinery Co., Springfield, Mass.

9496—Wrapping Machines (Tire & Wire)

Miller Chas. E. (Tire), Anderson, Ind.
PIERCE WRAPPING MACHINE CO., 631 W Jackson blvd, Cticago, Ill.
See adv index at end of book
Rossman Roy G. (Tire), Seattle, Wash.
Terkelsen & Wennberg ("T. & W." Multiple) 326 A, Boston, Mass.

9496a—Wrapping Machines (Tobacco)

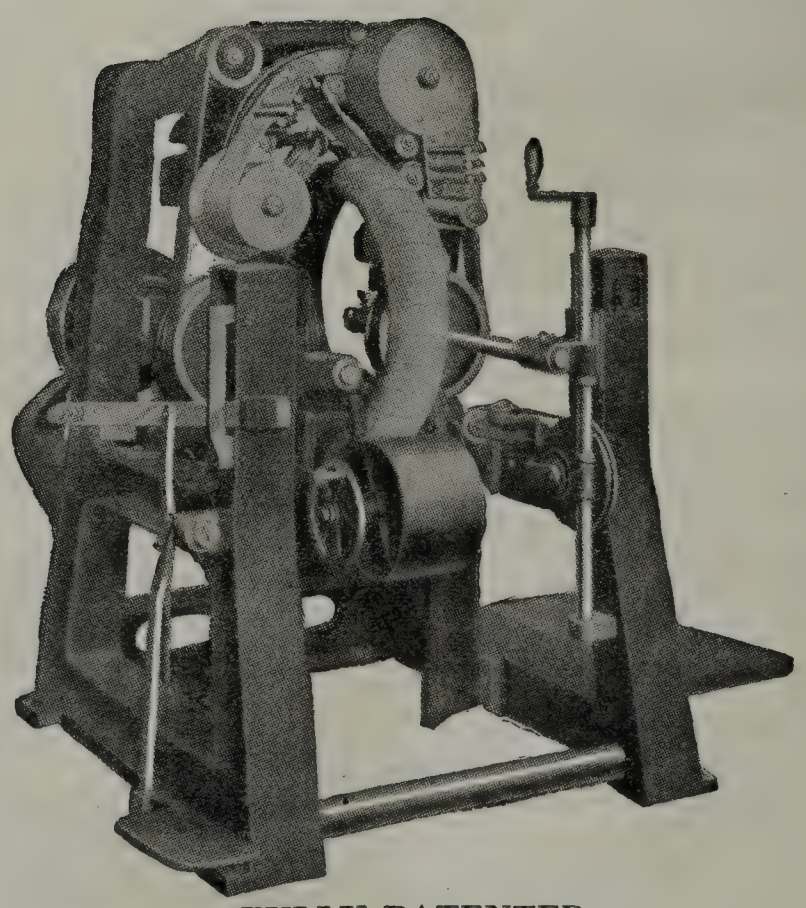
REMINGTON WRAPPING MACHINERY CO., 30 Church, New York

9497-8—Wrapping Paper Machines

Beloit Iron Works, Beloit, Wis.

9499—Zinc Rolling Mill Machinery

Farrel Foundry & Machine Co., Ansonia, Conn.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book



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9500— Machinery Dealers

See also Mill & Factory Supplies

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Joubert & Goslin Mach. & Fdry. Co. (Engines, Boilers, Sugar Machy., etc.)
Lehman Chas. T. (Second Hand)
Lum Geo. E. (Engines, Boilers, Saw Mill & Mining Machinery, etc.)
McClary-Jemison Machy. Co.
Moore-Handley Hardware Co. (New Engines, Boiers, Saw Mill Machinery
Shook & Fletcher Supply Co. (Machinchinery & Electrical Machinery) ery, etc.)
Yates J. A. Machine Co. (Mining Machinery)
BRIDGEPORT—De Loach Mill Mfg. Co.
HUNTSVILLE — Huntsville Foundry & Machine Co. (Engines & Boilers)
MOBILE—Barney-Cavanagh Hardware Co.
MONTGOMERY—Alabama Machinery & Supply Co. (Saw Mill Machinery)
Janney & Co.
Lum Machinery & Supply Co. (Engines, Boilers, Pumps, etc)
SELMA—Bloch Bros.
Union Iron Works Co.

ALASKA.

CORDOVA—Harmon Machinery Co.

ARIZONA.

PHOENIX—Thayer Ezra W. (Engines, Mining Machinery & Agricultural Implements, etc)

ARKANSAS.

LITTLE ROCK—Cox Thos. & Sons Machinery Co.
Rosenbaum C. E., Machinery Co.
Schaad Ben D., Machy. Co.
MORRILTON—DeLong Machinery Co.
STUTTGART—Whaley J. F.

CALIFORNIA.

LOS ANGELES—Arnott & Co.
Baker Iron Works
Busch A. H. Co., 150 N Los Angeles
Cleveland W. L. Co.
Collins & Webb
Fulton Engine Works (Engines, etc)
Harper & Reynolds Co., 152 N Main
Harron, Rickard & McCone (Engine, Electrical, Woodworking, Mach., etc), 225 S San Pedro
HENS LOUIS G. (Machine Tools, Shop Equipment & Electric Cranes), Title Insurance bldg (See also Can Francisco)
Llewellyn Iron Works (Boilers, Engines, Pumps, etc)
Moore Chas. C. & Co. (Pumps, Mining & Mill Machinery)
Smith-Booth-Usher Co.
Union Iron Works
United Iron Works
OAKLAND—Bay City Iron Works, 231 Wash
United Iron Works
SAN FRANCISCO—Baker & Hamilton (Engines, Boiler, etc) 4th & Brannan.
Berger & Carter Co. (Owners of Pacific Tool & Supply Co.), (Metal Working Machinery, Food Preserving Machinery, Machinery Supplies), 17th & Mississippi
California Hydraulic Engineering & Supply Co. (Engines, Boilers, Pumps, Motors, etc) 70 Fremont
California Saw Works, 721 Brannan
Compressed Air & General Machinery Co., 39 Stevenson
Dunham, Carrigan & Hayden Co. (Hydraulic Machinery, etc), Kansas & Division
Eby Machinery Co. (Saw Mill & Wood Working Machinery) 35 Main
Eccles & Smith Co. ("Machine Shop Tools, Air Compressors, Pneumatic Tools, etc) 71 1st
Garratt W. T. & Co. (Engines, Boilers, Pumps, etc), 299 Fremont
GENERAL MACHINERY & SUPPLY CO, 39 Stevenson
Hampton Electric & Machine Co. (Elec. Motors, etc.), 518 Mission
Harron, Rickard & McCone (Engines, Iron & Wood Working Machinery, etc)
HENES LOUIS G. (Machine Tools, Shop Equipment & Electric Cranes), Monadnock bldg (See also Los Angeles)
Krogh Mfg. Co., 147 Beale
Livermore Norman B. & Co. (Engines, Boilers, Pumps, Steam Shovels, Dredges, etc), Nat'l Bk. bldg
Lyon H. F. Co., 24 California
Marwedel C. W., 76 First
Meese & Gottfried Co., 660 Mission
MOORE CHAS. C. & CO. (Pumps, Mining & Mill Machinery), Sheldon bldg
Pacific Tool & Suppy Co. (Owned by Berger & Carter Co.), (Metal Working Machinery & Supplies), Fremont & Mission
STALLMAN F. O. SUPPLY CO., 1st at Natoma
United Iron Works (Machinery & Supplies)
Wagner Jos. Mfg. Co. (Flour Mill, etc), 165 Beale
Ward Fred & Son, 164 1st
Woodin & Little (Steam Pumps, Gasoline Engines, etc), 33 Fremont
Young A. L. Machinery Co., 28 Fremont

COLORADO.

DENVER—Advance Machinery & Supply Co.
Colorado Iron Works Co. (Mining, etc)
Denver Engineering Works Co.
Denver Metal Co. (Machinery Jobbers)
Flint Electric & Mfg. Co.
Kenyon Arthur D. (Second Hand)
Mine & Smelter Supply Co. (Engines, Boilers, Pumps, etc)
Morse Bros. Machinery & Supply Co. (Mining Machinery, Hoisting Engines, etc)
Stearns-Roger Mfg. Co.
Western Engng. Specialties Co., Boston bldg
LEADVILLE—McCarty & Moore
PUEBLO—Pueblo Brass & Iron Foundry

CONNECTICUT.

BRIDGEPORT—Eaton John A. (Second-Hand)
Gledhill & Co. (Second-Hand)
Lucas J. L. & Sons
Nilson A. H. Mach. Co.
HARTFORD—Pickering W. H. & Co.
Purinton & Smith Co.
PLAINVILLE—Ideal Switch & Machy. Co., Inc.
WATERBURY—Ashenden, H. W.
Waterbury Scrap Iron Co. (Second-Hand)

DELAWARE.

WILMINGTON—Delaware Electric & Supply Co. (Engines, Pumps, etc), 213 Shipley

DISTRICT OF COLUMBIA.

WASHINGTON—Columbia Pump & Well Co., 522 12th, N W
Littlefield, Alvord & Co., 26th & D. N. W.
National Electrical Supply Co. (Machinery, Pumps, Engines, Dynamos, etc), 1330 N. Y. av.

FLORIDA.

JACKSONVILLE—Boone W. E. (Second-Hand Locomotives)
Campbell J. P.
Christopher Jno G. Co.
Farquahar Machinery Co.
LAKE CITY—Johnson L. W.
LAKELAND—Florida Electric & Machinery Co.
OCALA—McIver & McKay (Engines, Boilers, Pumps, Phosphate Machinery, etc)
PENSACOLA—Gulf Mach. Wks.
Walton, J. S.
TAMPA—Cameron & Barkley Co.
Florida Auto & Gas Engine Co.
Johnson Joe B. (Engines, etc)
Parcell F. S.

GEORGIA.

ALBANY—Albany Mill Supply Co.
ATHENS—Athens Foundry & Machine Works
ATLANTA—Armstrong R. S. & Bro. (New & Second-Hand Air Compressors, Engines, Boilers, Electrical Iron & Woodworking)
Atlanta Mfg. & Supply Co.
Austin Bros. (Road Machinery)
Austin W. E. Machinery Co. (Concrete, Stone & Ore Crushing Machinery, etc)
Avery & Co. (Saw Mill, etc)
Cotton States Belting & Supply Co. (Boilers, Engines, Saw Mill, Machinery, etc)
Jacobs S. R.
Malsby Co. (Engines, Boilers, Saw Mill, Machinery, etc)
AUGUSTA—Georgia Iron Works
Lombard Iron Works & Supply Co. (Engines, Boilers, Saw Mills, etc)
BRUNSWICK—Briesneck Machinery Co.
COLUMBUS—Columbia Iron Works Co.
DALTON—Hardwick W. M.
ELBERTON—Lunsford G. A. & Sons
FITZGERALD—Bill E. S.
MACON—Mallary & Roper Co., (Engines, Boilers, Mill Machinery, etc)
Schofield's J. S. Sons Co. (Engines, Pumps, Saw Mills, etc)
ROME—Battey Machinery Co. (Engines, Boilers, Gin & Saw Mill Machinery)
Rome Machine & Foundry Co.
SAVANNAH—Clancy R. L.
Georgia Supply Co. (New)
Kehoe Iron Works (Machinery of All Kinds, Boilers, etc.)
Modern Equipment Co.
Rourke Jno. & Sons
Savannah Supply Co. (Engines, Boilers, etc)

HAWAII.

HONOLULU — Von Hamm-Young Co. (Ltd.)

ILLINOIS.

BLOOMINGTON—Constant B. S. Mfg. Co.
Keiser-Van Leer Co. (Engines, Pumps, Boilers, etc)
BRIDGEPORT—Illinois National Supply Co.
CAIRO—Reed Hardware & Mfg. Co. (Iron Working Tools, etc.)
CASEY—Illinois National Supply Co.
CHICAGO—Adkins, Young & Allen Co., 109 N Canal
Austin & Western Road Machinery Co. (Road-Making, etc), 910 S Michigan av
Besly & Co., Chas. H., 570 W Randolph
Campbell-Bosworth Machy. Co., 18 S Market
Chicago Brick Machy. Co., 20 W Jackson blvd
Chicago Engineer Supply Co., 68 W Lake
Chicago Machinery Exchange, 1217 Washington blvd
Chicago Pulley & Shafting Co. (Power Transmission), 40 S Clinton
Dickow Fred C. (Machine Tools), 33 S Desplaines
Economic Machinery Co., 53 W Jackson blvd
Electrical Machinery Sales Co., 327 S La Salle
Ellis R. E. Engineering Co. (Production Machinery), 621 Washington blvd
Ellis R. E. Engineering Co. 549 Washington blvd.
Essley E. L. Machinery Co. (Machine Tools, etc.), 555 Wash'n blvd
Fairbanks, Morse & Co., 900 S Wabash av
Federal Machinery Sales Co., 12 N Jefferson
Gregory Electric Co. (Electric), 1601 S Lincoln
Harris Bros. Co., W 35th & Iron

ILLINOIS—Chicago—continued
Harris Sam'l & Co. (Machine Shop Machinery, Tools, etc.), 114 N Clinton
Henion & Hubbell (Pumps, Steam, Power, Electric, Hand, etc), 219 N Jefferson
Hill, Clarke & Co. (Remanufd Machine Tools), 625 Washington blvd
Hill, Clarke & Co, 125 N Canal
Hodgart & Co. (Air Compressors, Steam Engines, Pumps, etc.), 122 S Michigan av
Latham Machinery Co., 1153 Fulton
Lennox Machine Co., 2558 W 16th
McDowell, Stocker & Co. (New & Second Hand Machine Tools, etc.), 121 N Jeff'n
Machinery Exchange, 1219 Washington blvd
Machy. Warehouse Co., 1455 W 38th
Manning, Maxwell & Moore, 111 N Canal
Marshall & Hushcart Machinery Co. (Machine Tools & Miscellaneous Machy.), 17 S Jefferson
Molitor Chas. Machinery Co., 118 S Clinton
Pfannmueller Engineering Co. (Engineers & Power Equipment), 38 S Dearborn
Read Machinery Co., 443 S Dearborn
Rumely-Wachs Machinery Co., 121 N Jefferson
Ryerson Jos. T. & Son, 2558 W 16th
See adv index at end of book
Scully-Jones & Co., 647 Railway Exc. bdg
Scully Steel & Iron Co. (Heavy **Mach'y, 2364 S Ashland av**
Shaw, Willis (New & Second-Hand), 80 E Jackson blvd
Skillin & Richards Mfg. Co. (Grain Elevator Machinery & Supplies), 4520 Cortland
Stocker-Rumley-Works Co., 117 N Jeff
Street R. R. & Co. (Textile Machy., etc.), 549 Washington blvd
Vulcan Engineering Sales Co., 1764 Elston av
Walworth A. O. & Co. (New & Second Hand Machine Shop Equipment), 30 S Clinton
White A. D. Machinery Co. (Machine Tools & Machy.), 108 N Jefferson
Williams-Anderson Machinery Co., 569 W Vanburen
Williamson H. C., 321 N Crawford av
CHICAGO HEIGHTS—Gordon Supply Co.
DECATUR—Union Iron Works (Boilers, Engine Boilers, etc)
ELGIN—Hawthorne Hardware Co.
LAWRENCEVILLE — Illinois National Supply Co.
MENDOTA—Mendota Mfg. & Transfer Co.
PEORIA—Armstrong Jas. C. Machine & Fdry Co. (Engines, Pumps, etc.)
QUINCY—Hollister-Whitney Co.
SPRINGFIELD—Ansell, Oscar

INDIANA.

BLOOMINGTON—Seward & Co. (Engines, Pumps, etc.)
EVANSVILLE — Evansville Supply Co. (New, Engine, Boiler & Power Transmitting, Machinery, etc.)
Grote F. Mfg. Co.
FORT WAYNE—Mossman, Yarnelle & Co. (New, Engines, Boilers, etc)
National Mill Supply Co. (Engines, Boilers, etc.)
Wayne Machy. Co.
INDIANAPOLIS—Dunning Carl Equipment Co., United bldg
Kenney Machy. Co. (Agricultural Mach.), 124 S Capitol av
Van Camp Hardware & Iron Co. (Engines, Boilers, etc)
Stutz Motor Car Co. of America, Inc., Capital av & 10th
Vonnegut Machinery Co. (Tools, Power Transmission Machinery, Electric Motors, Machine Shop Equipment, Woodworking Machinery)
LA PORTE—Gangwer & Co.
MARION—Marion Machine, Foundry & Supply Co. (Engines, Boilers, Tanks, etc.)

IOWA.

CEDAR RAPIDS—Fawcett C. E. (Electrical, Iron & Woodworking)
DES MOINES—Globe Machinery & Supply Co. (Engines, Boilers, Pumps, etc)
Hawkeye Machine & Brass Works
Iowa Machinery & Supply Co.
MARSHALLTOWN—Lennox Machine Co. (See Chicago, Ill.)
OTTUMWA—McDaniel C. E.
TIPTON—Tipton Hardware Co.
WATERLOO — Chamberlain Machine Works (Gas Engines)

KANSAS.

ENTERPRISE—Ehrsam J. B. & Sons Mfg. Co.
INDEPENDENCE—National Supply Co.
LEAVENWORTH—Fisher Machine Works Co.
WICHITA—Western Iron & Foundry Co.

KENTUCKY.

LOUISVILLE—Brandeis Machinery & Supply Co., 331 W Main
Grainger & Co.
Morton E. D. & Co. (Machine Tools, Power Transmission, etc)
Pyne Co.
Vogt H. Machine Co.
OWENSBORO—Gunther Hardware Co.

LOUISIANA.

JEANERETTE—Fay Bros.
MONROE—Weaks Supply Co.
NEW ORLEANS — American Hoist & Derrick Co., 712 Union
Baldwin A. & Co., Ltd., Camp & Common
Boland Machine & Mfg. Co. (Engines, Pumps, etc), 1006 Tchoupitoulas
Fairbanks Co., Camp & St. Joseph
Gibbens-Finney-Gordon Co., 213 Canal
Haubtman & Loeb Co. (Ltd.) (Engines, Boilers, Pumps, etc., New & Second-Hand), 717 Magazine
Lockett A. M. & Co. Ltd. (Engines, Boilers, Pumps, etc.), 533 Baronne
McArdle P. H., 513 Corondelet
Menge Marine Hardware & Supply Co.
Murphy Jno. H. 643 Magazine (Engines, Boilers, Pumps, & Sugar & Saw Mill Machinery, etc)
Patterson C. T. Co. (Ltd.) 801 Tchoupitoulas
Woodward, Wight & Co. (Ltd.) Howard av & Constance
SHREVEPORT—Henderson W. K. Iron Works & Supply Co.

MAINE.

PORTLAND — Adde & Co. (Engines, Boilers, Pumps, Iron & Woodworking Machy.)
Blake W. L. & Co. (Boilers & Engines)
Dunn M. E.
Portland Co. (Engines, Boilers & General Machinery)

MARYLAND.

BALTIMORE—Aumen Machinery Co. (Iron & Woodworking Machinery, Engines, Boilers, Pumps & Power Transmission Machinery), 109 E Lombard
Boston Iron & Metal Co. (Second-Hand Engines, Boilers, Pumps, etc), cor Pratt & Fremont av
Carey Machinery & Supply Co. (Engines, Pumps, etc, & Metal & Woodworking Machinery), 119 E Lombard
Coggins & Owens, 19 S Charles
Crook, H. E. Co. Inc. (Engines, Boilers, Pumps, etc), 28 Light
Cuyler & Mohler (Machine Tools, etc), 611 William
De Ved & Sons Sash Weight Co. (Second-Hand), 807 So Howard
Dugan, Cumberland & Co. (Iron & Woodworking), Howard & Barre
Kries Henry A. & Sons Co., 8 W Lombard
Mallory Machinery Co. (Engines, Boilers, Pumps, Machine Tools, etc), 522 Light
Maryland Equipment Supply Co.
Meyer Henry H. Co. (Engines, Boilers, Pumps & Contractors' Machinery, etc), 110 S Howard
See adv index at end of book
Standard Elec. & Elevator Co., Inc.
Stebbins Wallace & Sons (Engines, Pumps, Boilers, etc), 100 S Charles
Zies Chas. & Sons (Engines, Pumps, Brewers' & Butchers' Machy., etc), 320 S Fremont av
CUMBERLAND—McKaig Merwin
SALISBURY—Grier R. D. & Sons Co. (Engines, Boilers, Saw Mills, Power Transmitting Machy., etc.)

MASSACHUSETTS.

BOSTON—Beal Joseph & Co., 457 Atlantic av
Bond Harold L. Co. (Engines, Pumps, etc), 391 Atlantic av
Byers & Smith, 103 Haverhill
Coleman W. C. Co. (Specialty Rubber Mill Machy.), 161 Summer
Cutter & Wood Supply Co. (Machinists' Tools, etc), 68 Pearl
Factory & Mill Supply Co. (Metal Trades Machinery), 137 Oliver
Fairbanks Co. (Machine Tools, Machinery, etc), 42 Pearl
Firth Wm. (Textile), 200 Devonshire
Fitzgerald W. H. J. & Co. (Metal Trades Machinery), 30 Oliver
Hill, Clarke & Co. (Machine Tools, **etc), 156 Oliver**
Jarvis Engng. Co. (Engines, Boilers, etc), 261 Franklin
Lynd-Farquhar Co. (Machine Tools), 419 Atlantic av
McLaughlin Geo. G. Mfg. Co., 24 Washington, N
Manning, Maxwell & Moore, 141 Milk
Moore Frank K. Co. (Woodworking), 182 High
Morton A. M. & Co. (Engines, Boilers, etc), 25 Washington
Perrin, Seamans & Co., 57 Oliver
Pratt R. W. & Son, 197 Haverhill
Prentiss Henry & Co. (New & Second-Hand Machine Tools), 49 **Federal**
Ridlon Frank Co. (New & Second Hand Dynamos, Motors, Engines, Pumps, etc.), 251 A
Riley C. E. Co. (Textile3, 161 Devonshire
Sampson Geo. H. Co. (Rock Drills, Air Compressors, etc), 13 Pearl
Sherburne & Co. (Hydraulic Machinery, etc), 53 Oliver
Taylor Machinery Co., 78 Batterymarch
BROCKTON—Kimball Bros. & Sprague,
EAST CAMBRIDGE—Holt, Shattuck & Co. (Engines, Boilers & Woodworking Machinery, etc.), 29 Otis
FALL RIVER—Murray Jas. A. (New & Second-Hand)
GREENFIELD—Stearns Joel (Engines, Agricultural Implements)
LOWELL—Adams J. T. & M. J., 46 Leverett
Bartlett W. T. S. (Metal Woodworking Power Transmissions, etc)
Scannell Boiler Works
ORANGE—Chase Turbine Mfg. Co. (Engines, Boilers, etc)
PITTSFIELD—Howard Frank
Robbins, Gamwell & Co. (Engines, Pumps, etc)
SPRINGFIELD—Bacon-Taplin Co. (Engines, Agricultural Implements, etc)
Ehrlich A. B. & Co. (Second Hand)
Hanan-Finton Co. (Engines, Boilers, Pumps, Machy., etc)
Russell Jno. W. & Sons Co. (New & Second Hand Engines, Shafting, Pulleys, etc)
Stacy E. S. Machine Co. (Engines, Boilers, Machinery, etc),
WORCESTER—Buxton W. A.
Dawson Machine Co.
McMahon Bernard H. (Second Hand)

MICHIGAN.

ALMA—Montigel J. M.
ALPENA—Kline Lewis T.
BAY CITY—Baird W. J. Machy. Co.
Meister R. & Son

DETROIT—English & Miller, Campbell bldg
Fales C. E. Machinery Co., Kerr bldg
Harvey's A. Sons Mfg. Co.
Jefferson Iron Works Co.
Kerr Machinery & Supply Co., Fort & Beaubien
Mitshkun M. Co. (Engines, Boilers, Pumps, etc)
Motch & Merryweather Machine Co. (Machine Tools, etc)
Riverside Machinery Depot (New & Second-Hand), 17-29 St. Aubin av
Strelinger Chas. A. Co. (Machine Tools, General Machinery & Shop Supplies), 98 Bates
Stickley E. B. Machy. Co.
Wayne Scrap Iron & Metal Co.
GRAND RAPIDS—McMullen Machine Co.
LANSING—Michigan Supply Co.
SAGINAW—Bartlett A. F. & Co.
Heginbottom S. H. & Sons
Jackson & Church Co.

MINNESOTA.

DULUTH—Duluth Machinery Co.
Baustead Elec. & Mfg. Co. (Electric), 18 E Hennepin av
MINNEAPOLIS—Harris Machinery Co. (Engines, Boilers, Pumps, Wood & Iron Working Machy) Washington & Univ. S E
Hillman Joseph (Engines, Boilers, Pumps, Saw Mill Machinery, etc)
Howell R. R. & Co., 31st av
Northern Machinery Co.
Power Equipment Co. (Grain Handling etc) 212 3rd av. N
ST PAUL—Robertson J. G., 2542 University av
Robinson, Cary & Sands Co., Fourth & Wacouta
Whitacre R. B. & Co.

MISSISSIPPI.

CORINTH—Adams W. T. Machine Co.
LEXINGTON—McBee Engine & Implement Co. (Gasoline Engines, Power Machinery, Agrl. Implements, etc)
MERIDAN—General Supply & Machy Co., Hyde Chas. J.

MISSOURI.

CLINTON—Industrial Iron Works (Engines, Pumps, Boilers, etc)
JOPLIN—Landreth Machinery Co.
United Iron Works Co. (Engines, Boilers, Pumps & Mining Machinery)
KANSAS CITY—Bonniwell-Calvin Iron Co. (Engines)
Brunner H. J. Hardware & Machine Supply Co. (Iron & Woodworking Tools), 1306 Grand
Creamery Package Mfg Co., 931 W Eighth
English Tool & Supply Co.
Equipment Co. (Machine Tools, etc) 522 Grand av
Great Western Mfg. Co., 1221 Union av
Haysler Iron Co. (Iron & Woodworking), 1206 Union av
Independent Electric Machinery Co., 1917 Central
Kansas City Engineering Co., Scarritt bldg.
Liggett J. W. & Son (Second Hand) 601 W 5th
P-K Engineers, 1906 Pine
Phillips Victor L (Contractors), 7th & Delaware
Revere Rubber & Supply Co., 1520 Main
Standard Machine Tool & Supply Co. 1st & Main
U. S. Water & Steam Supply Co., 1315 W 12th
ROCKVILLE—Meyer Jas. S.
U. S. Water & Steam Supply Co.
Walker W. T.
ST. JOSEPH—Richardson Geo. O. Mach'y Co.
ST. LOUIS—Barry-Wehmiller Machinery Co., 6501 Florissant
Bowman-Blackman Machine Tool Co. (Metal Working Machinery of All Kinds, Cranes, etc.), 1513 N B'way
Brown-McDonald Machinery Co. (Engines, Boilers, Metal & Woodworking Machinery), 9th & N Market
Colcord-Wright Machinery & Supply Co., Machine Tool & Machinery), 1229 N B'way
Ellison Wm. & Sons Mfg. Co.
Fisher & Davis (Engines, Boilers, Pumps etc.
Fritz Geo. J. Foundry & Machine Co., 2018 S 3rd
Greenspon's Jos. Sons Iron & Steel Co. (Second Hand), B'way & Branch
Gruendler Patent Crusher & Pulvizer Co., 928 N Main
Hall & Brown Woodworking Machine Co. (Woodworking Machinery), 1913 N B'way
Hirsch Cal. & Sons Iron & Rail Co., 300 S B'way
Johnson Wm. C. Sons Mach. Co.
Manning, Maxwell & Moore (All Kinds), Railway Exchange bldg
Ramming John Machine Co., 300 S Main
Reeves & Skinner Machinery Co., 2211 Olive
Rumsey L. M. Mfg. Co. (Engines, Pumps, Machine Tools, etc.), 810 N 2nd
St. Louis Belting & Supply Co., 509 S 4th
St. Louis Machinists' Supply Co. (Machine Tools), 920 N B'way
Sligo Iron Store Co. (Woodworking), 6th & O'Fallon
Teuscher & Son, Machy. Supply Co. (Second Hand Power Transmitting), 527 N 2nd
Wilson H. R. Mach'y Co. (Second-Hand), New Bank of Commerce bldg.
Zelnicker Walter A. Supply Co. (Saw Mills, Engines, Boilers, Cranes, etc.), 325 Locust
SEDALIA—Barley Thomas K.
KANSAS CITY—United Iron Works Co. (Engines, Boilers, Heaters, Pumps, etc.)

MONTANA.

ANACONDA—Anaconda Copper Mining Co.
BUTTE—Anaconda Copper Mining Co.
Montana Hardware Co.
HELENA—Holter A. M. Hardware Co.
KALISPELL—Kalispell Mercantile Co. (Pumps, Boilers, etc.)

NEBRASKA.

OMAHA—American Supply & Machy. Co.
Lehmer Jos. R. Co. (Engines, Boilers, Pumps, etc.)
Sunderland Machinery & Supply Co.
U. S. Supply Co.

NEW HAMPSHIRE.

KEENE—Hubbard H. W. (Engines, Boilers, etc)
LANCASTER—Thompson Mfg. Co.
MANCHESTER—Drew Machy. Agency

NEW JERSEY.

JERSEY CITY—Bertolette Mach. Tool Co. (New & Second-Hand), 220-228 Orient av
Wickes Machinery Co. (Dynamos & Motors, Engines, Boilers, Pumps, etc.)
Wickes Machy. Co.
NEWARK—Millington & Bradshaw (New & Second Hand Engines & Machinery), 69 N. J. R. R. av
Morris Machy. Co.
Newark Second Hand Machinery Co. 99 Chestnut
New Jersey Machinery Exchange, 21 Mechanic
ROE & CONOVER, 206 Frelinghuysen av *See adv index at end of book*
Skinner & Leary Co. (Engines, Gearing, etc), 19 Com'l
NEW BRUNSWICK—Simplex Automobile Co.
Tidey M. B. (Woodworking Machinery, etc.) 80 Warren
WALSH'S SONS & CO. (Engines, Boilers, Pumps, etc.), 168 Main
PATERSON—Van Winkle J. A. Co., 395-405 Passaic (Engines, Boilers, etc.)
PHILLIPSBURG— Gibney Iron & Steel Co. (Second-Hand Boilers, Engines Pumps, etc.)
TRENTON—Ivens Wm. H. Sons Co. (Engines, Boilers, etc., New & Second Hand), P. O. Box 647
McFarland Foundry & Machine Co.
Manufacturers Selling Co. (Machine Tools)

NEW YORK.

ALBANY—Nicholson Aaron
SIMMONS MACHINE CO., INC., 987 B'way *See adv index at end of book*
BINGHAMTON—Gaylord & Eitapence Co. (Engines, Boilers, etc.)
Shapley & Wells
BROOKLYN—See New York City, (Borough of Brooklyn)
BUFFALO—Beals, McCarthy & Rogers (Grinders, Shears, Punches, Welding Outfits, Annealing Furnaces, etc.), 44 Terrace
Day Machy. Co.

When writing to firms listed in this Book please mention

Hendricks' Commercial Register

IT WILL BE OF MUTUAL BENEFIT

NEW YORK—Buffalo—continued
Fairbanks Co., 108 Pearl
Lenahan Frank & Son, 53 Fulton
Osgood Tool Co. J. E.
Osgood J. L.
Prentiss Henry & Co. (New & Second-Hand Machine Tools), Morgan bldg
Root Neal & Co. (New & Second Hand Pumps, Compressors, Machinery, Conveying, Elevating & Power Transmitting Appliances), 178 Main
Strong Homer, Ellicott sq
Ullman, Jacob, 84 Oneida
Whitman Machine Co., 178 Ohio
CORTLAND—McKee J. L. Supply Co.
KINGSTON—Lawton Wm.
MIDDLETOWN—Coleman Galen (Engines Boilers, Mill & General Machinery, etc.)

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Brown Jas. H. (And Second Hand Machinery), 139 Third av
Houckin-Aiken Co., 113 53d
Kasper & Koetzle, 565 Bushwick av
Saladin Louis, 1241 DeKalb av
Smith T. & Son (Second Hand) 410 3rd av
Thompson-Bonney Co. (Elect), 18 Henry

Boroughs of Manhattan and Bronx.

NEW YORK—Adams Geo. J., 39 South
Affleck Geo. E. (Iron & Brass Working Machy.), 136 Liberty
American Machinery Exchange, 217 Centre
Archer & Baldwin (Electrical, etc), 114 Liberty
Bacon Earle C. (Rock Crushers, Hoisting & Mining Machinery), 26 Cortlandt
Becker & Co., Ltd. (Export), 90 West
Beggs Jas. & Co. (Engines, Boilers, Pumps, Tools & Supplies), 30 Warren *See adv index at end of book*
Bender Geo. (Second Hand Electric), 128 Center
Bennett, F. A., 30 Church
Bennett, G. L., Machy. Co., 30 Church
Borne Chas. A. Co. (Electric), 87 Wooster
Bowman Walker, 39 Cortlandt
Brearley H. P. (Second Hand), 90 West, New York
Briggs Marvin, Inc., 167 6th st
Buchanan C. G. Co., 90 West
Calleson C. A., 50 Church
Church St. Machy. & Eng. Corp. (Exporters), 30 Church.
Clark & Harrison, 149 B'way
Coats Mach. Tool Co., Inc. (Export), 30 Church
Colman Machy. & Tool Co., 38 Park row
Consolidated Machy. & Wrecking Co. (Second-Hand), 50 Church
Consolidated Products Co. (Second-Hand), 15-21 Park row
Curtiss-Willis Co. (New & Second-Hand), 30 Church
Dale-Brewster Machy. Co., Inc., 54 Lafayette
Daniels Arthur Co. (New & Second-Hand), 13 Park row
Davis Wm. F. Mach. Tool Co., Inc., 85 Liberty
Deeley Robt. & Co. (Sugar Machinery), 29 B'way
Donegan & Swift (Engines, Boilers, Pumps, Blowers, etc), 6 Murray
Dooley-Killian Co., Inc. (Second-Hand), 26 Cortandt
Duzets & Son (Steam & Electric), 50 Church
FAIRBANKS CO., 416 Broome
For branch houses see Alphabetical Section
Federal Export Co., 115 B'way
Freidus M. (Second-hand), 210 Centre
Frevert Machinery Co. (New & Second-Hand), 38 Vesey
Frasse & Co., Inc., Peter A., 417 Canal
Garrett W. D. & Co. (Machine Tools & Woodworking Machinery, etc) 136 Liberty
Gaston, Williams & Wigmore, 140 B'way
Gelb J. & Co. (Second-Hand), 203 Centre
GODFREY-KEELER CO. (Engines, Boilers, Pumps, Blowers, etc), 70 Warren *See adv index at end of book*
Goss Geo. F. Machy. & Supplies Co. (New & Second-Hand), 30 Church
Granger A. D. Co. (Engines, etc), 15 Park Row
Graves Machy. Exchange, (Second-Hand), 50 Church
Harper Machinery Co. (Engines, Boilers, Pumps, etc), 50 Church
Hill, Clarke & Co., 136 Cedar
Hills, Clarke & Co. (Machine Tools, etc.), 136 Cedar
Holcomb D. S. & Co. (Electric), 243 Canal
Hollander Machinery Co., Inc. (Second-Hand), 3 Howard
Howland F. L., 90 West
Hubbard-Floyd Co., Inc. (Second-Hand), 90 West
Humbert J. S. (Pumping, etc), 114 Liberty
International Engineering Works, 15 Park Row
Iredell F. W., 11 B'way
Kalb Adam, 162 Grand
Kaufman Machinery Co. (Second-Hand), 89 Center
Kelley E. B. Co., Grand Central bldg
Klein Nathan & Co. (Dynamo & Motors), 208 Center
Leaf E. B. Co., 50 Church.
Lebedjeff V. V. Eng. & Sup. Co., 11 Broadway
Lamberg A. & Co. (Second-Hand), 243 Centre
Leonard & McCoy (Engines, Boilers, Pumps, etc), 161 Washington
Linder H. J. (Electric, etc), 50 Church
Ludeman Edwin H., 165 B'way
MacCabe J. J. (Machine Tools), 149 Broadway
Machinery Merchants, Inc., 50 Church
Machinery Utilities Co. (Chemicals), 501 Fifth av
MacGovern & Co., Inc. (Electric, Steam, etc.), 114 Liberty
MacNab John Machinery Co. (Export), 90 West
Macwatty D. & Co. (Engines, Boilers, Pumps, etc), 103 Chambers
Manhattan Machinery Exchange (Second-Hand), 30 Church
Manning, Maxwell & Moore (All Kinds), 119 W 40th
Master Mach. Wks., 110 W 40th

Buyers of
SURPLUS STOCKS
MACHINERY,
Hardware, Steel, Wire, Brass and Copper Products
Midgley & Prentice, Inc.
30 Church St., New York City

MIDGLEY & PRENTICE, INC., 30 Church *See adv index at end of book*
Miller J. D., 39 Cortlandt
Miller Thos. C. (Motors, Dynamos, Fans), 78 Bible House
Mine & Smelter Supply Co., 42 B'way
Mitchell-Tappen Co., 15-17 John
Modern Machinery Exchange (Second-Hand), 52 Walker
Montgomery & Co. (Machinery & Tools), 105 Fulton
Moore Chas. C. & Co. (Pumps, Mining & Mill Machinery), 50 Church
New York Machinery Exchange (Engines, Boilers, Pumps, Machine Tools, etc), 50 Church
Niles F. H. & Co. Inc., 233 B'way
Olney & Warrin (Machinery, Tools & Supplies), 406 Broome
Oliver Bros. Inc., 71 Murray
Patterson, Gottfried & Hunter (Machinery & Tools, etc), 149 Lafayette
Parmele, Chas. L., 50 Church
Payne N. B., 25 Church
Pels W. Y. & Co., 90 West
Pinner R. A. (Engines & Boilers, Metal & Wood Working Machy., etc), 122 Water
Pipe & Contractors Supply Co. (Second-Hand), 3 Dover
PRENTISS HENRY & CO., INC. (New & Second-Hand Machine Tools), 149 B'way
See adv index at end of book
Prichard C. W. Co. Inc.
Railway & Power Equip. Co., Woolworth Bldg.

HENRY PRENTISS & COMPANY, Inc.
149 BROADWAY, NEW YORK
HIGH GRADE MACHINE TOOLS
also second hand machine tools
BRANCHES
BUFFALO ROCHESTER SYRACUSE BOSTON

Rich & McLean (Printers Second-Hand), 73 Beekman
Richards & Hirschfeld Inc., 50 Church
Roberts Geo. I. & Bros., 471 4th av.
Salzberg Harry E. & Co. (Second-Hand Electric), 30 Church
Schoonmaker, A. G. & Sons (New & Second Hand), 25 Church
Sherwood E. C., 50 Church
Steib Emanuel G. (Brush-making, etc), 79 Wall
Sullivan Jno. W. Co. (Engines), 827 E 9th
Terminal Machine Co., 404 Broome
Tracy Frank (Power Transmission), 202 Centre
Vandyck, Churchill Co., 85 Liberty
Weiscoff L., 30 Church
Williams John D. & Co. (export), 2 Rector
Worthington Pump & Machy Corp., 115 B'way
Young-Corley & Dolan, Inc., 115 B'way

(End of New York City)

PEEKSKILL—Naylor Bros.
ROCHESTER—Belting & Machinery Co.
Ingle Machine Co.
Strong Homer
Wilson Wm. A. Machine Co. (Engines), Boilers, etc)
SYRACUSE—Barnes & Irving, Inc.
Hurwitz Bros. Iron & Metal Co. (Second Hand)
Smith H. A. Machinery Co., 501 E Water
Strong Homer
Syracuse Supply Co.
Wood C. H. Co.
TROY—Duckrow Textile Machine (Textile)
Interstate Machinery Co. (Engines, Boilers, Cranes & Iron Working Machy, etc.)
Mill Supply Co.

NORTH CAROLINA.

BURLINGTON — Cates Machine Works (Saw Mill Machinery, Engines, etc)
CHARLOTTE—Alexander & Garsed
Charlotte Supply Co. (Engines, Boilers, Cotton Mill Machinery, etc)
Cramer Stuart W.
Liddell Co.
Mecklenburg Iron Works
Southern Hardware Co.
DUNN—McKay Jno. A. Mfg. Co.
GOLDSBORO—Dewey Bros.
NEWBERN—Hyman Supply Co.
RALEIGH—Raleigh Iron Works Co. (Engines, Boilers & Power Plant Installation a Specialty)
SALISBURY—Thompson P. H.
WILMINGTON—Wilmington Iron Works

OHIO.

AKRON—American Scrap Iron Co. (Second-Hand Engines, Boilers, Pumps, etc)
CANTON—Canton Engineering & Electric Co. (Engines, Boilers, Metal Working Machinery, etc)
Yohe Wm. S.
CINCINNATI—Barnes Chas. Co., 55 Main
Cincinnati Iron & Steel Co.
Cincinnati Planer Co., South Oakley
Doermann-Roehrer Co., 318 E 3d
Economy Machinery Co. (J. H. Flynn, Prop.) (New & Second-Hand Iron & Woodworking Machinery & Power Equipments of all kinds), 428 E Pearl
Johnston Wm. T. Co. (Engines, Pumps, Blowers, etc), 3rd & Vine
Kinsey E. A. Co., 331 W 4th (Metal Working Machinery, etc)
Lodge & Shipley Mach Tool Co., 3059 Colerain av
Morris Machine Tool Co., Court & Harriet
Motch & Merryweather Machy. Co. (Machine Tools, etc.), 1st Natl. Bank bldg
Norton Machinery Co., 610 Baymiller
Queen City Supply Co. (Machine Tools & Machinery), Pearl & Elm
Randle Machinery Co. (All Kinds of New & Second-Hand Re-Built Machinery), C. H. & D. Ry. & Powers Cumville
Western Machinery Co., 12 W 3d
Wirthlin-Mann Co., 329 W 3d
CLEVELAND—BARTLETT C. O. & SNOW CO., French st
See adv index at end of book
Bath Cyril J. & Co.
Biggs-Watterson Co., Cleveland, O.
Central Machy & Supply Co.
Cleveland Belting & Machine Co. (New & Second-Hand), 1922 Scranton rd
Cleveland & Erie Machy Co.
Cleveland Power Transmission Co., Garfield bldg
Cullen C. W. Machy Co.
Fuerst-Friedman Co., 1251 W 9th
Manning, Maxwell & Moore (All Kinds), 518 Leader News
Motch & Merryweather Machinery Co. (Machine, Tools, etc), 711 Lakeside av, N W
National Machinery & Wrecking Co. (Second-Hand Engines, Boiler & Electrical Machinery, etc), 1914 Scranton rd
Osborne D. M. Machy Co.
Pattison W. M. Supply Co. (Engines, Boilers, etc), 777 Rockwell av
Strong, Carlisle & Hammond Co. (Machine Tools, Engines, etc), 336-344 Frankfort av, N W.
White Tool & Supply Co., 1313 W 6th
Worthington Geo. Co., 802-832 St. Clair av N. W.
COLUMBUS — Columbus Engineering & Equipment Co.
Eaton Machine Works (Engines, Boilers & Machinery), 37 S Scioto
Kilbourne M. & Co. (Machinery & Mfrs. Agents), 24 W Mound
Osborne & Sexton Machinery Co. (Machine Tools & Machinery)
Sackett Mine Supply Co. (Mining Machinery, etc), 164 N 3rd.
Williams W. W. (Contractor's), Brunson bldg
DAYTON—Patterson Tool & Supply Co. (Machine Tools & Machinery of All Kinds)
Platt Iron Works, Keowee & Valley
EAST LIVERPOOL—National Products Co. (Second-Hand Dealers)
ELYRIA—Elyria Belting & Machinery Co. (Second-Hand)
FINDLAY—Ohio Pipe Co. (Second-Hand)
GREENVILLE—Ross Supply Co. (Gasoline Engines, Pumps, Wind Engines, etc)
MARIETTA—Pattin Bros. Co.
SAINT MARYS—Jasperson Supply Co. (Engines, Boilers & Transmission Machinery, etc)
SPRINGFIELD—Casey D. L. Machine Co.
TOLEDO—Arbuckle-Ryan Co. (Engines)
Banting Machine Co. (Boilers, Pumps, etc)
Coghlin Machinery & Supply Co.
National Supply Co.
Power Equipment Co.
Shaw-Kendall Engineering Co. (Engines, Boilers, etc, New)
URBANA—Marvin Mfg. Co., W. B.

OKLAHOMA.

BARTLESVILLE—Frick-Reid Supply Co. (New & Second Hand)
NOWATA—National Supply Co. (of Kansas)
OKLAHOMA—Sherman N. S. Machinery & Iron Works
TULSA—National Supply Co. of (Kansas)

OREGON.

PORTLAND—Barde M. & Sons
Bell & Wildman, 619 Upshur
Caldwell J. D. Co., Oregonian bldg
Dayton Hdw. & Machinery Co., 1st & Taylor
Eccles & Smith Co. (Machine Shop Tools, Air Compressors, Pneumatic Tools, etc.), 46-48 Front
Gauld Co. (Engines, Pumps, etc), 69-75 N 12th
Honeyman Hardware Co., 9th & Hoyt
Mitchell-Lewis & Staver Co., E Morrison & E 3d
Moore Chas. C. & Co. (Pumps, Mining & Mill Machinery), Spalding bldg
Portland Iron Works, 14th & Northrup
Portland Machinery Co., 62-66½ 1st
Simonds Mfg. Co., 85 1st
Western Supply Co. (Flour & Saw Mill Machinery), 61 First
Zimmerman-Wells-Brown Co. (Engines, Boilers, Pumps, Mach'y, etc), 16th & Thurman

PENNSYLVANIA.

ALLENTOWN—Grammes L. F. & Sons (Engines & Power Transmitting Appliances, etc)
See adv index at end of book
Taylor Wm. H. & Co. (Engines, Boilers, Pumps, etc)
BEAVER FALLS—Pettler P. & Son
BIRDSBORO—Birdsboro Steel Fdry & Mach. Co.
BRADFORD—Bovaird & Seyfang Mfg. Co.
CHESTER—Birtwell H. B.
Wetherhill, Robert & Co., Inc.
EASTON—Easton Machinery Co.
Saxer-Creider Machy. Co.
ERIE—Steiner Mfg. Works (Second-Hand)
HAZLETON—Hazleton Machy. & Supply Co.
HOLLIDAYSBURG — McLanahan-Stone Mach. Co.
LATROBE—Saxman P. H.
LEBANON—Lebanon Engineering & Supply Co. (Second-Hand)
NEW CASTLE—Douds Frank C. & Co.
OIL CITY—Logan Robert (Engines, Boilers & Machinery)
PHILADELPHIA—Baily R. M. & Co. (Locomotive Cranes, Steam Shovels, Hoisting, Engines, Boiler Making, Ship Building, Structural Work, Machinery, etc), Commercial Trust bldg
Birtwell, W. L.
Burchfield T. T. Co. (Engines, Boilers, Pumps, etc.), 54 N 6th
Campbell T. J., 974 Beach
Conard Thos. P. (New & Second Hand), 2 S 15th
Dallett & Co. (Locomotives, Steam Shovels, etc), Harrison bldg
Earle Gear & Mach. Co., 101 E Wyoming
Eastern Machy. & Equip. Co.
Eckbold's Wm. Sons, Aramingo & Girard av
Fairbanks Co., 701 Arch
Francis Bros. & Jellett, Real Estate Trust bldg
Girard Machine & Tool Co. (Machine Tools), 491 N 3d
Haddock Chas., 343 N 3d
Henning Jno. & Sons, 1016 E Susquehanna av
Hitner's Henry A. Sons Co., Huntington & Aramingo av
Hunt M. J., 1316 Beach
Industrial Requirements Co. (Machine Tools & Equipment), 136 Chestnut
Lamb J. K. (Textile Machinery Co.), 246 Chestnut
Latimer R. L. & Co. (Engines Boilers, Pumps, etc.), 24 N Front
Lovegrove & Co. (Engines, Boilers, Machinery & Machine Tools), 1524 Chestnut
Manning, Maxwell & Moore (All Kinds), Lincoln bldg
Newton Mach. Tool Wks., Inc., 23rd & Vine
Nuttall Jno., Montgomery & 5th
O'Brien Machinery Co., 119 N 3d
Oliver J. H. & Co., 1414 S Penn sq
Power Equip. Co., Bailey Bldg.
Provident Engng Co.
Randall R. T. & Co. (Butchers' Machinery & Supplies), 333 N 2d
Rich J. & G., 120 N 6th
Sachsenmaier Geo. & Co., 145 N 3rd
Schramm Chris. D. & Son, 308 N 4th
Seyfert's L. F. Sons (New & Second Hand Air Compressors, Engines, Boilers, Electrical, Iron & Woodworking), 437 N 3d
Sherett & Stoer Co. (Machine Tools), Finance bldg
Shipley W. E. Machinery Co. (Machine Tools), 1421 Chestnut
Sterling Iron & Steel Co., 1010 N Hamilton
Swind Machy Co., Widener Bldg.
Toomey Frank (Engines, Pumps & Machinery), 127 N 3d
Watt's Jno. M. Sons, 54 N 2nd
Winterer Herman L. (Engines, Boilers, Compressors, etc.), 908 Beach
Yearsley Thos. Co. (Electric, etc), 224 N 3d

PENNSYLVANIA—continued
PITTSBURGH—Baird Machinery Co. (All Kinds of Iron & Woodworking Machines), 123 Water
Briggs Machinery Co., 238 2d av
Brown & Zortman Machinery Co. (Machine Tools, etc.), 2535 Liberty
Carlin Machinery & Supply Co., 161 E Lacack
Dravo-Doyle Co., Diamond Bank bldg
Everson T. Bissell, Granite bldg
Frick & Lindsay Co. (Engines, Boilers, Pumps, etc), Robinson
Friek-Reid Supply Co. (New and Second Hand), Sandusky & Robinson
GREEN L. A., First Nat'l Bank bldg
Hay's Samuel W. Sons, Keeman bldg
Kirk Supply Co. (Hoisting Engines, Pulverizing Machinery, Concrete Mixers, etc.), Farmers Bank bldg
KLEINHAUS H. CO. (Contractors), Union Arcade
See adv index at end of book
McCoy & Brandt (Machine Tools), 216 Penn av
McCoy-Brandt Machy Co., 216 Penn av
Manning, Maxwell & Moore (All Kinds), Park bldg
Oil Well Supply Co., 215 Water
Pittsburgh Gage & Supply Co. (Pumps, etc.), 30th & Liberty av
Pittsburgh Scrap Iron Co., S 20th & Wharton
Pittsburgh Machy Exchange
Rees Jas. & Sons Co., 18 4th
Renton Wm., 101 Water
Russell Machine Co., 28th
Schlelein F. P. Machinery Co. (Machine Tools, etc), 32 W Parkway, N S
Somers, Fitler & Todd Co. (Engines, Boilers, Pumps & Machinery), 325 Water
Tranter Mfg. Co. (Engines, New & Second Hand Pumps, etc), 105 Water
POTTSTOWN — **POLLOCK MAYER** (Second-Hand Machinery & Boilers)
SCRANTON—Bittenbender Co.
Derry A. L. & Co. (Engines, Boilers, etc)
Scott Chas. B. Co.
Scranton Supply & Machinery Co. (Engines, Pumps & Machinery)
SMITHS FERRY—Childs Jno., Sr. (Oil & Gas Well, etc.)
SWISSVALE—Union Switch & Signal Co.
TUNKHANNOCK—Billings Paul & Sons
WILKES-BARRE—Eastern Penna. Supply Co. (Engines, Pumps & Machinery)
Huntington Machinery & Supply Co. (Electric, etc)
WILLIAMSPORT—Moltz Jacob J. (Engines, Boilers, etc)
YORK—Duff William E

RHODE ISLAND.

PROVIDENCE—Atherton Jesse
Brownell Machinery Co., 11 Eddy

SOUTH CAROLINA.

ANDERSON—Anderson Machine & Fdry Co.
CHARLESTON — Bailey-Lebby Co. (Engines, Pumps & Machinery, New)
Cameron & Barkley Co. (Engines, Pumps & Machinery)
Riverside Iron Works
Valk & Murdoch Co. (Engines, Boilers, Pumps, etc.)
COLUMBIA—Gibbes Machinery Co. (Engines, Boilers, Saw Mill, etc)

TENNESSEE.

CHATTANOOGA—James Supply Co.
Walsh & Weidner Boiler Co,
See adv index at end of book
JACKSON—Gooch-Edenton Hardware Co. (Gas Engines & Saw Mill Machinery)
Southern Engine & Boiler Works (Engines, Boilers & Saw Mill Machinery)
KNOXVILLE—Duncan John G. Co.
Gillespie E. W. (Engines, Boilers, etc.)
McClung C. M. & Co. (Boilers, Engines, Pumps, etc.)
Savage W. J. Co. (Engines, Boilers, etc.)
Tenn. Mill & Mine Supply Co. (Engines, Boilers, etc.)
MEMPHIS—Chicksaw Mach. & Fdry. Co. (Engines, Pumps & Machinery)
Pidgeon-Thomas Iron Co. (Gas Engines, Saw Mill Machinery, etc)
Riechman-Crosby Co. (Boilers, Engines & Saw Mill Machinery)
NASHVILLE—Dale Jno. P. Machinery Co. (Engines, Boilers, Wood & Iron Working Machinery)
Keith, Simmons & Co. (Engines, Boilers, etc)
Nashville Machine Co.
Stewart & Bruckner Co.

TEXAS.

BEAUMONT—National Supply Co. (of Texas)
Wilson E. L. Hardware Co.
BRENHAM—Roff & Miller
CORPUS CHRISTI—Caldwell E. H. & Son
CUERO—Runge H. & Co.
DALLAS—Briggs-Weaver Machinery Co.
Eubank Machinery Co.
Mosher Mfg. Co.
Wolfe B. F. & Co.
EL PASO—Mine & Smelter Supply Co.
FORT WORTH—Axtell Co. (Wind Mills, Tanks, etc)
Southern Trading Co.
Texas Mfg. Co.
Van Zandt-Moore Iron Works (Engines, Boilers, Pumps, Dynamos, Motors, etc)
HOUSTON—Barden Electric & Machinery Co.
Girten-Bowman Supply Co. (Engines, Boilers, etc)
Heitmann F. W. Co. (Machinery & Supplies)
Houston Car Wheel & Machine Co. (Dredge, Oil Mill, Sawmill & Compress Machy., etc)
Paine H. A. (Pumping & Saw Mill Machy., etc)
Texas Machinery & Supply Co. (Steam & Gas Engines, Pumps, Motors, Generators, etc)
Union Iron Works (Pumps, Oil Well Supplies, etc)
HUMBLE—National Supply Co. (of Texas)
LUFKIN—Lufkin Foundry & Machine Co.
MERCEDES—Rio Grande Hardware & Machinery Co.
PARIS—Dulaney W. F. & Sons
SAN ANTONIO—San Antonio Machine & Supply Co.
TYLER—Connally Walter & Co.

UTAH.

SALT LAKE CITY—Cramer-Kay Machinery Co., Newhouse bldg
Diebold Elec. Co.
Galigher Machinery Co.
Green Machinery & Mfg. Co.
Mine & Smelter Supply Co.
Moore Chas. C. & Co. (Pumps, Mining & Mill Machinery)
Richmond F. C. Machinery Co. (Mine, Mill & Contractors' Machinery)
Salt Lake Hardware Co.
Trent Engineering & Machinery Co.

VERMONT.

BENNINGTON—Scott Olin (Est. of)
ST. JOHNSBURY—Hooker O. T. & Sons, Perkins

VIRGINIA.

NORFOLK—Empire Mach. & Supply Corp.
Porter & Moore Co. (New & Second Hand)
Southern Supply Co.
Taylor-Parker Co.
Tidewater Supply Co. Inc.
Walke Henry Co.
Westbrook Jno. D. Inc.
Whaley W. M. & Co.
PETERSBURG — Stockdell Myers Hardware Co.
Stratton & Braag Co. (Engines, Boilers, Pumps, etc)
RICHMOND—Bluford I. & Co. (Second-Hand), 501 N 15th
Cosby Clarence (Second-Hand), 1523 E Cary
Lindsay J. L. (Inc.), 1312 E Main
McGraw Jas. (New), 1442 E Main
Morrison Co. (All Kinds), Mayo's Isle
Smith-Courtney Co. (Engines, Boilers, Machine Tools, etc), 809 E Cary
Sydnor Pump & Well Co. (Engines, Pumps & Saw Mill Machinery), 1310 E Main
Virginia Machinery & Well Co., 1319 E Main

WASHINGTON.

BELLINGHAM—Whatcom Machinery Depot
CENTRALIA—Gillam H. C.
HOQUIAM—Lamb Machine Co.
OMAK—George Claude Co. (Gasoline Engines & Machinery)
SEATTLE—Adair Geo. B. & Son Co. (Engines, Dynamos, Motors, etc), 514 1st av S
Hallidie Machinery Co. (Mining & Mill Machinery), 411 Occidental av
Hoflus Steel & Equipment Co. (Locomotives, Steam Shovels, etc)
Meese & Gottfried Co. (Power Transmitting, etc), 558 1st av S
Moore Chas. C. & Co. (Pumps, Mining & Mill Machy.), Mutual Life bldg
Perine Machinery Co.
Puget Sound Machinery Depot (Saw & Shingle Mill Machinery, etc), 318 1st av S
Simonds Mfg. Co., 402 Occidental av
Star Machinery Co. (All Kinds), 1731 1st av S
United Supply Co.
SPOKANE—Barnard Mfg. Co. (Engines, Boilers, etc)
Hallidie Company (Engineers & Contractors for Complete Plants & Equipment)
Mitchell, Lewis & Staver Co.
National Iron Works
Pacific Iron Works (Saw Mills Engines, Boilers, Pumps, Power & Transmitting Machinery, etc)
Starbird W. D. (Engines, Boilers, Saw Mill Machinery, etc)
Union Iron Works (Inc.) (Mining Machinery, Engines, etc)
United Iron Works
TACOMA—Puget Sound Iron & Steel Works
Thomas-Hammond Machine Co.
Washington Machinery Depot

WEST VIRGINIA.

BLUEFIELD—Superior Supply Co.
CHARLESTON—Capitol City Supply Co.
South Side Foundry & Machine Works
CLARKSBURG—Osborn's J. F. Sons
HUNTINGTON—Banks Supply Co.
Miller Supply Co.
Morris Machinery Co.
PARKERSBURG—Second Hand Pipe & Supply Co. (Second Hand Boilers, Engines, etc)
Spence, Smith & Kootz Co. (Second-Hand Boilers, Engines, etc)
WESTON—Danser Mfg. & Supply Co.

WISCONSIN.

ASHLAND—Bretting C. G. Mfg. Co. (Mill Machinery, etc)
EAU CLAIRE—McDonough Mfg. Co.
GREEN BAY—Hartman-Greiling Co.
JANESVILLE—Ambrose F. O. (Engines, Pumps, etc)
MILWAUKEE—American Machinery & Construction Co. (Power Transmitting & Conveying Machinery, etc), 103 W Water
Badger-Packard Machinery Co., 76 W Water
Grotenrath Fred, 103 W Water
Hide & Leather Working Mach. Co. (Hide & Leather Working Machinery, etc), 4215 Meinecke av
Mertes Machinery Co. (New & Second Hand Machine Tools, Boilers, Pumps, Engines, Hoisting Engines, Brick Machinery, etc)
Milwaukee Machinery Co., 3015 Walnut
Smith T. L. Co. The (Concrete Mixers & Elevators, Dirt and Sand Excavators and Loaders), 1151 32d
Walsh M. J. Machinery Co., 141 Sycamore

PINE RIVER—Kimball A. M. & Son
RACINE—Badger-Packard Machinery Co.
Racine Confectioners Machinery Co.
WAUSAU—Murray D. J. Mfg. Co.

9501—*Machinery Designers

Central Machine Works, 1911 12th & Tyler, St. Louis, Mo.
See adv index at end of book

9501a—*Machinery (Second Hand)

See also Machinery Dealers

Miller Owen Electric Co. (Electric & Steam), Lexington av & Thomas blvd, Pittsburgh, Pa.
PRENTISS HENRY & CO., INC. (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York
See adv index at end of book
SIMMONS MACHINE CO., INC., 987 B'way, Albany, N. Y.
See adv index at end of book

PATENTS
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9502 Machinists & Founders

Star (*) indicates Machinists.
Dagger (†) indicates Founders.
Star & Dagger (*†) indicates Machinists & Founders.
Section Mark (§) indicates Brass and Composition Founders.

All Manufacturers of Machinery, Castings, etc., who have a machine shop or foundry are classified under this heading and sub-classified in other parts of the book under the specific article they produce, such as:

Agricultural Implement Manufacturers.
Brick Machinery, Etc.
Cars, Various Kinds.
Cast Iron Pipe, Various Kinds.
Castings, Various Kinds.
Cranes, Various Kinds.
Drills, Various Kinds.
Dynamos & Motors.
Elevators.
Engines, Various Kinds.
Flour Mill Machinery.
Gears, Various Kinds.
Grinders, Various Kinds.
Hammers, Various Kinds.
Harrows, sub-classification of Agricultural Implements.
Heaters, Steam & Hot Water.
Ice & Refrigerating Machinery.
Lathes, Various Kinds.
Mining Machinery.
Paper & Pulp Mill Machinery.
Plow Manufacturers, sub-classification of Agricultural Implements.
Presses, Various Kinds.
Radiator Manufacturers.
Rolling Mill Machinery.
Saw Mill Machinery.
Special Machinery.
Steel Structural Work.
Stove Manufacturers.
Textile Machinery.
Valve Manufacturers, Various Kinds.
Wheels, Various Kinds, and hundreds of other articles

For correlative trades not included under head of Machinists & Founders see:

Automobile Builders.
Boilers, Tubular, Etc.
Bolt & Nut & Rivet Manufacturers.
Chains, Various Kinds.
Cutlery Manufacturers.
Forgings, Various Kinds.
Furnace Manufacturers. Hot Air, Etc.
Gas & Electric Fixture Manufacturers.
Hardware Manufacturers.
Rolling Mills & Steel Manufacturers.
Saw Manufacturers.
Screw Manufacturers.

For all other kindred classifications consult Index of Contents:

ALABAMA.

ALABAMA CITY—*†§Gulf States Steel Co.
ANDALUSIA — *†Faulkenberry Fdry. & Machine Co.
*Taylor J. M.
ANNISTON—*†Alabama Pipe & Foundry Co. (Cast Iron Pipe)
*†Anniston Foundry Co.
†Calhoun Foundry Co. (Sash Weights)
*‡Central Foundry Co. (See New York)
*†§Interstate Roofing & Foundry Co.
*†§Kilby Car & Foundry Co. (Logging Locomotives, Cars, Wheels & Axles)
*†Lynchburg Foundry Co. (Cast Iron Pipe)
*†Standard Foundry Co. (Cast Iron Pipe)
*†Union Foundry Co. (Cast Iron Pipe & Fittings, etc.)
*†U. S. Cast Iron Pipe & Foundry Co. Burlington, N. J.
ATTALLA—*†Attalla Foundry & Mach. Co.
National Pipe & Fdry Co. (Cast Iron Pipe Mfrs.)
BESSEMER—*†Bessemer Fdry. & Mach. Co.
Bessemer Soil Pipe Wks. (Cast Iron Soil Pipe)
*†Central Foundry Co. (See New York)
*†U. S. Cast Iron Pipe & Foundry Co. (See Burlington, N. J.)
*Superior Mfg. Co.
BIRMINGHAM—*§Ajax Metal Co. of the South
Alabama Co.
*†American Cast Iron Pipe Co. (Cast Iron Pipe Mfrs.)
†American Casting Co.
American Radiator Co.
§Anderson G. L. Brass Works
†Avondale Stove & Foundry Co.
*Beatty E. T.
*†Beggs Pipe & Foundry Co. (Cast Iron Pipe Mfrs.)
*Binder Elevator & Electric Co. (General Repair Work)
*†Birmingham Foundry Co.
*†Birmingham Machine & Foundry Co. (Steam Engines, etc.)
*Birmingham Rail & Locomotive Co.
*Birmingham Stove & Range Co.
*†Caldwell-Watson Fdry. & Mach. Co. (Mill & Mining Machy.)
*†§Continental Gin Co. (Cotton Gins, etc.)
†Coosa Pipe & Foundry Co. (Cast Iron Pipe)
*§Gilb V. & Son (Brass Foundry)
*Gulf States Steel Co.
*†Hardie Tynes Mfg. Co. (Corliss Engines, Heavy Iron Castings, etc.)
*†Ingalls Iron Works
*International Harrow Cultivator Co.
Joubert & Goslin Mach. & Fdry. Co. (Sugar Machy. & Brass & Iron Castings)
†Kehm A. O. Casting Co.
*Kilby Frog & Switch Co.
*Lehman Chas. T.
*Lum Geo. E.
*†Montgomery Coal Washing & Mfg. Co. (Coal Washing Machinery)
†National Cast Iron Pipe Co.
*Oliver Electric & Machine Co.
†§*Payne & Joubert Machine & Fdry. Co.
*†Republic Iron & Steel Co. (See Youngstown, O.
*†Schaefer Mfg. Co. (Castings & Machinery)
*Sloss-Sheffield Steel & Iron Co. (Also Mfrs. of Iron & Steel)
*Southern Bridge Co.
†Southern Iron & Commission Co.
†Southern Welding & Reclaiming Co.
†*Southern Wheel Co.
*Steward-Witherill Machine Co.
*†Stockham Pipe & Fittings Co.
*Sullivan Machinery Co. (Mining)
*†Tennessee Coal, Iron & R. R. Co.
†Thomas Grate Bar Co.
*†U. S. Cast Iron Pipe & Foundry Co.
†Wallwork H Foundry Co. (Grate Bars, Castings, etc.)
*†American-Blakeslee Mfg. Co. (Gas & Gasoline Engines)
BOAZ—*Steele E. J.
BREWTON—*†§Brewton Iron Works
BRIDGEPORT—*De Loach Mill Mfg. Co. (Flour & Saw Mill, etc.)
COLUMBIA—*Jones C. T.
CULLMAN—*†§Ehrensperger J. J.
DECATUR—*†§Jervis Foundry & Machine Co.
DEMOPOLIS—*Demopolis Auto & Machine Co. (Repairing)
DOTHAN—*†§Dothan Foundry & Machine Co.
Games Foundry Co.
ENSLEY—*†§Tennessee Coal, Iron & R. R. Co. (See Birmingham, Ala.)
FLORENCE—*†§Florence Machine & Railroad Supply Co.
FLOMATON—†§*Flomaton Fdry. Co.
*†Martin Stove & Range Co.
GADSDEN—†A. & J. Mfg. Co. (Stove)
*†Campbell Mfg. Co. (Plumbers' Supplies, etc.)
*†Coosa Pipe & Foundry Co.
†§Gadsden Foundry Co.
*†Gadsden Pipe Co.
GREENVILLE—*Henderson C. C. Machine Co.
HARTSELLS—*†§Hartsells Machine Co.
HOLT—*†Central Foundry Co. (See New York)
HUNTSVILLE—*†§Huntsville Foundry & Machine Co. (Iron & Brass Fdrs.)
LUVERNE—†§*Douglas Mach. Co.
MOBILE—*Burger August (Machinist)
*†Henderson Iron Works
*†§Home Industry Iron Works
*†§Mobile Foundry Co.
*†§Mobile Stove & Pulley Mfg. Co. (Stoves, etc.)
*†Ollinger Harry W.
*†Standard Equipment Co.
MONTGOMERY—*Capitol City Machine Works
*†§Hartley Boiler Works. (Iron & Brass Castings, Boiler Fronts, Grate Bars, etc.)
*†§Janney & Co. (Saw Mills, Grate Bars, Brass & Iron Castings, etc)
NEW DECATUR—†*Decatur Cornice & Roofing Co., Inc.
OPELIKA—*Collins Garage Machine Wks.
OZARK—*Valentine I. M. Machine Co.
PRATTVILLE — *†§Continental Gin Co. (See Birmingham)
SELMA—*†§Union Iron Works Co. (Engines, Locomotives rebuilt, etc.)
SHEFFIELD—†King Stove & Range Co.
*†§Sheffield Machine & Foundry Co.
TALLADEGA—*†§Talladega Foundry & Machine Co.
†*Central Fdry. Co.
TUSCALOOSA—*†§Strickland Bros. Machine Co.
†§Tuscaloosa Iron Works (Iron Fdrs.)
TUSCUMBIA—*†Rowland T. T. & Son (Cultivators)
WOODWARD—*†§Woodward Iron Co.

ALASKA.

KETCHIKAN—*Schlothan W. F.
TREADWELL—*†§Alaska Treadwell Gold Mining Co.

ARIZONA.

CLARKDALE—†§*United Verde Copper Co.
CLIFTON—*†§Arizona Copper Co. (Ltd.)
DOUGLAS—*†§Copper Queen Consolidated Mining Co.
GLOBE—†§*Globe Fdry & Mach. Co.
JEROME—*†§United Verde Copper Co.
NOGALES—*†§Arizona & Sonora Mfg. Co. (Mining Machinery, Castings, etc.)
*Roy & Titcomb (Gasoline Engines)
PHOENIX—*†§Arizona Iron Works
*Kunz Bros. & Messinger
*Phoenix Machine & Cold Storage Co.
†Williscroft Geo. R.
PRESCOTT—†§Prescott Iron Works
*Tilton B. (Machine Shop)
TUCSON—*Huck Fred J.
Western Machy. Co. (Garage)

ARKANSAS.

ALMYRA—*Almyra Machine Works
BATESVILLE—*Kealer G. H.
BONO—*Bono Plow Co. (Plows)
BRINKLEY—*†Brinkley Car Works & Mfg. Co.
CALICO ROCK—*Arthur J. T.
CORNING—*Booser D. A.
DARDANELLE—*†§Partin W. E.
EL DORADO — *†§Eldorado Foundry & Machine Co.
FAYETTEVILLE—*Sanford & Son

ARKANSAS—continued
FORT SMITH—†Breslin Boiler & Iron Works
†Hammer Iron Works
*†§Ketcham Iron Co. (Engines, etc.)
*†§Mehlburger & Jones
*†§Western Wheelbarrow Mfg. Co. (Trucks, Swings, etc.)
HARRISON—*†§Harrison Foundry & Machine Co.
HELENA—*Allin Machine Works
HOT SPRINGS—*†§Shelton W. H. & Son
JONESBORO—†§*Ark Fdry. Co.
*Jonesboro Machine Works
LITTLE ROCK—*†Dickinson Ball Bearing Wheel & Vehicle Co. (Ball Bearing Wheels)
MORRILLTON—*†De Long Machinery Co.
*†Lachowsky A. L.
PARAGOULD—†Roy Plow Co. (Plows, etc.)
PINE BLUFF—*†§Dilley Foundry Co.
*†Le Laurin A. A.
*†§Pine Bluff Iron Works (Iron & Brass Founders)
†§Standard Brake Shoe & Fdry Co.
RECTOR—†§*Harper Machine Wks.
RUSSELLVILLE—*†§Ball & Cole
*†§Russellville Iron Works
SOUTH FORT SMITH—*†Western Wheelbarrow Mfg. Co. (Steel Barrows, Trucks, etc.)
STUTTGART—†§*Stuttgart Fdry. & Machine Shops
TEXARKANA—*De Marce Mrs. A. (Engines, Castings, etc.)
VAN BUREN—*†§Engineering Works (Industrial Cars. etc.)
*†§Morell Jas.

CALIFORNIA.

ALAMEDA—*†§Delanoy F. W. (Plumbers' Fittings, etc.)
*†Dow Pump & Diesel Engine Co. (Pumps & Hydraulic Machinery). Office: San Francisco
BAKERSFIELD — *†§Bakersfield Iron Works
*Sprague Bros.
BERKELEY—*†Berkeley Iron Works
†Macauley H. C. Foundry Co.
*Schuyler Co. (Tools, etc.)
*†§Van Emon Elevator Co.
CHICO—*†§Diamond Match Co. (Engineering Dept.) (Castings & Machinery)
*†Mery M. L.
COALINGA—§Axelson Machine Co.
*Bowen S. R. Co. (Fishing Tools & Machine Shop)
*†§Bunting Iron Works
COLUSA—*†Maroney & Hearn
DOWNIEVILLE—*†§York C. J.
EUREKA—*Lane & Sutliff (Gas Engines, etc.)
†Vietor Wm. A.
FELTON—*Rubottom Plow Factory (Ag'l Implts.)
FRESNO—†Burnett Iron Wks.
*†Fresno Agricultural Works (Agricultural Improvements)
*Lisenby Mfg. Co. (Printing Presses)
†§Novelty Iron Wks.
*†Traves Chas. E. (Machinist & Foundry)
*†§Valley Foundry & Machine Works (Gas Engines & Pumps)
*Woodward Co. (Machinists & Agricultural Implements)
FULLERTON—Clever & Gulick
GOLETA—*Maiers G. F.
GRASS VALLEY—*†George Bros.
*†§Taylor Foundry & Engineering Co. (Vacuum Filters, Steam Engines, etc.)
LONG BEACH—†§*Cal. Shipbuilding Co.
LOS ANGELES—§Acme Brass Foundry Co. (Brass & Bronze Castings, etc.)
*Adams Campbell Co.
*†§Advance Machine Co.
*Albion Tool Co. (Drilling Machinery)
*†§Axelson Machine Co. (Brass Fdrs. & Machinists)
*†Baker Iron Works
§Bayer-Rothgeb Co. (Iron, Brass & Bronze)
*Boyers & Baldwin
*Bremer W. A. (Concrete Machinery)
*Brombacher J.
†§Bruce Thos. P. (Plumbers' Goods)
*Buttress J. A. Machine Works
*California Well Tool & Machine Wks.
*Carter S. C. Co.
*Central Machine Works
*Central Machinery Mfg. Co.
*§City Ornamental Iron Works, 728 S Main
*Commercial Engine Co., 953 N Main
§Crown Brown Brass Fdry. Co.
*Crellin Machine Co.
†D. & B. Fdry. Co.
*East Side Machine Co.
*Enterprise Machine Works
*†Fruhling A. G.
*†§Fulton Engine Works (Mining, Oil Well & Saw Mill Machinery & Iron & Brass Castings, etc.)
*Gregory Wm.
†Griffen Wheel Co.
*Harrison Machine Works
§Heintzelman-Earle-Wickeren Co.
*†Johnson Foundry & Machine Works
*§Jones Jas. Co. (Brass Fdrs.)
†§*Kellar-Thomason Co.
*†Keystone Iron Works
*Kimball Frank J. Co., 1860 E 15th
*King Machine & Mfg. Co.
†§*Layne & Bowler Corp.
†Lilly Bros.
*†Llewellyn Iron Works (Mining Machinery, Iron & Brass, etc.)
*Los Angeles Engine Works
†Long Angeles Foundry Co. (White Iron Castings, etc.)
*Los Angeles Mfg. Co. (Pipes, Tanks, etc.)
*Maine Machine Works
*Meese & Gottfried Co. (Pulleys, etc.)
*Menczer E. A.
§*Miller Mfg. Co. Hy. A.
*Miller & Herlocker
*Mills Iron Works
†Monarch Foundry Co. (Grey Iron Castings)
§*Moreland Motor Truck Co.
§Pacific Brass & Hardware Mfg. Co.
*Pacific Coast Mfg. Co.
*†Pacific Electric Railway Co.
*†Pacific Surgical Mfg. Co. (Surgical Instruments)
*§Parmelee Z. L. Co.
*†§Phillips Iron Works
*Pilgrim Iron Works (Rock Crushers, Power Transmission, Hoists & All Kinds of Mining Machinery)
*Pioneer Boiler & Machine Works (Machinists)
†Pittsburg Foundry Co.
*§Price-Corcoran-Pfister Co.
*Richter H. F. Machine Works
*Small W. E.
*Stearns Gas Engine Works (Engines, Plows & Pumps)
*Stewart A. C. Co.
*Sturgis S. D. Machine & Tool Works
*Svea Art Cabinet Wks., 1210 W. Washington
*Thacker F. L.
*Trinkkeller E. (Ornamental Iron)
§Union Brass Foundry
*Union Iron Works (of Los Angeles)
*†Union Tool Co. (Oil & Gas Well Machinery, Grey Iron Castings, Engines, etc.)
†United Casting Co.
*Vulcan Iron & Tool Works
†Washington Iron Works
*†§Western Gas Engine Corp.
*Wigmore John & Sons Co. (Machine Tools, etc), N E cor 4th & San Pedro
*Wilgus Mfg. Co. (Pumps, Governors, etc.)
*Wilson & Willard Mfg. Co. (Oil Well Tools, Pumps, etc.)
MADERA—*Barcroft Fred (Gang Punches)
MARYSVILLE—*Ogden J. G.
*Yuba Mfg. Co.
MONTAGUE—*McClellan A. H.
MONTEREY—*Langdon Horace
NAPA—*Lindow W. J.
NEEDLES—*Needles Machine Works
NEVADA CITY—*§Miner's Foundry & Supply Co.
†§*Miners' Fdry. & Supply Co.
NEWARK—*†§Graham James Mfg. Co. (Stoves & Ranges). (See San Francisco, Cal.
NILES—*§Ames A. T. Mfg. Co (Pumps, etc.)
OAKLAND—*Atlas Imperial Engine Co. (Gas Engines, etc.)
*†Bay City Iron Works
*Benner Machroks
*†§Best C. L. Gas Traction Co. (Traction Engines)
†§Boscacei Jos.
*Continental Machine Works
*†Dalton Henry & Sons Co.
De Rome L. Bronze, Brass & Bell Fdry., Inc.
*§Doak Gas Engine Co. (Gas Engines)
*†Empire Foundry Co.
*Gorham Engineering Co. (Marine Gas Engines, etc.)
†Janson Iron Works
*†§Judson Mfg. Co. (See San Francisco)
*†§Matthews F. I. (Iron & Brass Fdr. & Machinist)
§Oakland Brass Foundry
*†§Phoenix Iron Works Co. (Iron & Brass Founders, Machine Castings, etc.)
§Pioneer Brass Foundry Co.
*†§San Francisco-Oakland Terminal Rys.
*Scoville Mfg. Co.
*§Standard Brass Casting Co. (Brass Castings, etc.)
†Standard Foundry
*†Union Gas Engine Co. (Gas & Oil Engines)
*Union Machine Works
*†§United Iron Works. (Dredging, Mining & Pumping Machinery, etc.)
*§Young R. S. Supply Co. (Brass Founders)
OAK PARK—*Latourrette-Fical Co.
ONTARIO—*Bumstead F. F.
*Ontario Mfg. Co.
†§*Hotpoint Electric Heating Co.
OROVILLE—*Boston Machine Shop Co.
*Indiana Machine Shop Co.
OXNARD—*†§Dunn Mfg. Co. (Steel Castings)
PASADENA—*†Reliance Mfg. Co.
*Wingren Chas. O.
PETALUMA—*Sparks & Murphy (Repairing)
*Van Bebber Bros. (Jobbing)
PITTSBURGH—†Columbia Steel Co. (See San Francisco, Cal.)
PIXLEY—†Norviel H. Scraper Co.
PLACERVILLE—†§*Morey, F. H.
POMONA—*†§Pomona Mfg. Co.
RED BLUFF—§Diamond Match Co.
†Hammer H. H.
REDDING — *Northern Cal. Engineering Works (Malleable Iron Castings)
REDONDO BEACH—†Warner Steel Casting Co. (Electric Steel Castings)
RICHMOND—*†§Santa Fe Foundry Co. (Iron, Semi-Steel & Brass Castings, etc.)
RIVERSIDE—*†§California Iron Works.
†§*Parker Machine Wks.
SACRAMENTO—*Davies John G.
*†Elliott Bros.
*†§Globe Iron Works (Mining Machy.)
†§*Pacific Gas & Elec. Co.
*†Palm Iron & Bridge Works
*†Phoenix Iron & Boiler Works
*†§Root, Neilson & Co. (Iron & Brass Founders & Machinists)
Union Iron Wks.
SALINAS—*Iverson Bros. (Machinists, etc.)
*Lacey Geo. E.
ST. HELENA—*Grant P. S.
SAN BERNARDINO—*†§Hanford J. J.
*†§Palmer J. R.
*†§Parker Iron Works
SAN DIEGO—*†§California Iron Works (Castings, Machine & Structural Iron & Steel Work)
†§City Ornamental Iron Wire & Brass Works
*†Clarke Machinery Co.
†Ingle Mfg. Co. (Stoves, etc.)
†McCoy Thos. & Sons
*†§Schultheiss W. F. Co. (Inc.)
†§Silver Gate Fdry.
*†§Standard Iron Works
†*West Coast Gas Engine Co.
SAN FRANCISCO—*Acme Iron & Wire Works, 485 6th
§*Adams, Hollopeter & Mallett, Inc.
*Aicher Machine Works, 1650 Stockton
†§Ajax Brass & Iron Works, 47 Clementina
†Alaska-Treadwell Gold Mining Co. (Steel Castings)
*†§Allis-Chambers Mfg. Co., Rialto bldg (See Milwaukee, Wis.)

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§American Brass Mfg. Co., Inc., 731 Folsom
*§Atlas Brass Works, 431 Folsom
*Auld & Blackman, 819 Bryant
*Bay City Iron Works, 1243 Harrison
*†Betts Spring Co. (Carriage, Wagon & Car Springs), 888 Folsom
*Binns Wm. H. (Machines & Tools), 416 Harrison
*Blasauf John, 81 City Hall av
Brand & Co. S. H.
*†Brode Iron Works (Founders & Machinists), 37 Hawthorne
*Brunig Robert, 523 Brannan
*†California Adding Machine Co. (Adding Machines), Flood bldg
†§California Artistic Metal & Wire Co., 349 7th
*§California Brass Wks. (Kingwell Bros.), 450 Natoma
*California Saw Works (Saws & Machinery), 721 Brannan
*California Tool Works (J. Weichhart, Prop.) (Machinists & Dies & Models, etc.), 181 Beale
†Central Iron Works, 631 Florida
*Cereghino D. (Pumps, etc.), 4445 Mission
*Christie Machine Works, 191 Fremont
*Clot & Crist Mach. Co. (Steam & Power Pumps, etc.), 940 Bryant
†Coast Foundry Co., South
*Columbia Machine Works (Machinists), 215 Spear
†Columbia Steel Co. (Open-Hearth Steel Castings), 503 Market. Works: Pittsburg, Cal.
Commercial Iron Wks., 481 5th
*Compressed Air & General Machinery Co., 39 Stevenson
*Conner & Hunt, 566 Folsom
*Corliss Gas Engine Co. (Gasoline & Oil Engines), 440 Market
*Cyclops Iron Works (Brewery Machinery, Engines, Ice & Refrigerating Machinery, Printing Presses, etc.), 837 Folsom
†David P. Co., 21st & Indiana
*Davis Norris K. Machine Works, 7th & Harrison
*§Day Thos. Co. (Brass Fdrs. & Finishers), 719 Mission
*Doak Gas Engine Co., 503 Market
*†§Dow Pump & Diesel Engine Co. (Pumps, Hydraulic Machinery, etc), 417 Market. Works: Alameda, Cal.
*†Dundon's Iron Works (Engines, Boilers, etc.), 225 Folsom
*Dyer Bros. Golden West Iron Works (Bldrs. Iron Work), 17th & Kansas
*†§Enterprise Foundry Co., 320 Fremont
†Eureka Fdry.
*Evans C. H. & Co. (Engines, Pumps, etc), 179 Fremont
Fair Mfg. Co., 617 Bryant
*§Farrenkopf Chas. & Sons, 623 Minna
*Franklin Machine Co. (Gas Engines), 126 Folsom
*Galli Machine Works (Machinists), 429 Tehama
*§Garratt W. T. & Co. (Brass & Bell Founders & Machinists), 299 Fremont
§Golden Gate Brass & Mfg. Co., Inc., 48 Tehama
*General Machinery & Supply Co., 39 Stevenson
*†§Golden State & Miners Iron Works (Engines & Mining Machinery), 249 1st
*†Graham Jas. Mfg. Co. (Stove & Range Mfrs. & Light & Grey Iron Casting), 531 Mission
*Gray J. A. Co. (Presses, Dies, Tools, etc.), 18th & Bryant
†Greenberg M. & Sons (Brass Foundry & Plating Works), 225 Beale
*Griffitt's Machine Works, 22 Clementina
†*Hansen & Bain
*Haslehurst W. W., 2122 Folsom
*†§Hendy Joshua Iron Works (Mining Machinery), 75 Fremont
*Hermann Safe Co. (Safes, etc.), 126 Folsom
*Hicks Jas. L. (Gasoline Engines, Tools, etc.), 967 Howard
†Ils John G. & Co. (Stoves, etc.), 839 Mission
*Imperial Gas Engine Co. (Gas Engines), 60 Clementina
†Jackson P. H. & Co. (Arch's Iron & Steel Work, Sidewalk Lights, etc), 237 1st
*Jenkins W. M. Machine Works, 18th & Treat av
*Johnson Gear Co. (Cut Gears, Tools, etc.), 735 Folsom
*Johnson S. T. Co. (Oil Pumps, etc.), 1334 Mission
*†§Judson Mfg. Co. (Machine & Bridge Work Castings), 819 Folsom
†Ker Lloyd Iron Works, 252 Spear
*§Krenz Oscar Copper & Brass Works (Brewers Supplies, etc.), 431 Folsom
*Krogh Mfg. Co. (Irrigating, Mining, Mill & Wine Making Machinery, etc), 147 Beale
†§McCormick Bros. Iron Works, Main & Folsom
*Main Street Iron Works (Wm. Deacon, Prop.) (Engines, etc.), 163 Main
*Meese & Gottfried Co. (Engines, Power Transmitting, etc.), 660 Mission
†Mission Foundry & Stove Works (Stoves, etc.), Treat av & 19th
*†Moore & Scott Iron Works (Boilers, etc), 678 2d
*†Muir & Symon (Marine Iron Machine Works), 1015 Battery
*Murray Bros. Machine Works, 233 Folsom
§*New Speed Carburetor Co.
*North Machine Co., 324 Main
*†Ocean Shore Iron Works (Boilers, Tank, Structural Works), 550 8th
*†Ohmen Engine Works (Steam Engines & Turbines), 17th & Capp
*Orton Machine Co., 315 Fremont
§Pacific Brass & Bronze Foundry, 528 Folsom
*†Pacific Foundry Co. (Smelting Machinery, Foundries, etc.), 18th & Harrison
*Pacific Gear & Tool Works (Cut Gears, etc.), 1035 Folsom
†*Pacific Rolling Mill Co.
†Pacific Sanitary Mfg. Co.
*†Pacific Ship Yards & Ways Co., 24 California
*†Pacific Structural Iron Works, 10th & Harrison
*Pacific Tank & Pipe Co. (Mining Equipment), 318 Market
*†Pelton Water Wheel Co. (Water Wheels for Power, etc.), 19th & Harrison
*Price G. W. Pump & Engine Co., 33 Stevenson
†Ralston Iron Works (Builders' Iron Work & Castings), 20th & Indiana
†§Rincon Foundry Co., 351 7th
*Rix Compressed Air & Drill Co. (Rock Drills, Air Compressors, etc), 505 Howard
*†§Rudgear-Merle Co. (Brass & Iron Bedsteads, Art Metal Work & Castings), 198 Bay
§Sanders Copper & Brass Works, 431 Folsom
§San Francisco Brass Foundry, 48 Clementina
*San Francisco Engng. Co. (Machinery), 322 6th
†San Francisco Iron Works, 45 Shotwell
*†San Francisco Stove Works (Stoves, Ranges, Castings, etc), 260 Townsend
†§Sartorius Co. (Arch'l Iron Works), 15th & Utah
*Schilling Adam & Sons (Gas Engines), 211 Main
†Schrader Iron Works, 1249 Harrison
Snow & Galgiani, 537 2d
*Specialty Machine Works, 72 2d
*Speck Wm. (Gear Cutting, Laundry Machinery, etc.), 2132 Folsom
§*Standard Brass Casting Co.
*†Standard Gas Engine Co. (Gas Engines), 440 Market
†Standard Mfg. & Supply Co., Rhode Island & Alameda
†§Steiger & Kerr Stove & Foundry Co. (Stoves, Mining Machinery, Bridge & Building Castings, etc), 221 Folsom
†Thompson Bros., 625 Brannan
*Todt & Peters, 322 Main
*Toulouse & Delorieux (Machinists), 409 6th
*Union Gas Engine Co. (Gas & Gasoline Engines), 24 California
*†§Union Iron Works Co. (Ship Builders, Brass & Iron Castings & Steam Engines), 20th & Michigan
*Union Machine Co., 934 Brannan
*†§United Engineering Works (Ship Builders, Marine Engines, etc.), Clunie bldg
*†§United Iron Works (Centrifugals, Pumps & Mining Machinery, etc.)
*†Van Emon Elevator Co. (Electric & Hydraulic Elevators), 54 Natoma
*†Vulcan Iron Works (Engines, Ice & Refrigerating, Mining & Saw Mill Machinery), Francisco & Kearny
*Welshons & Symon, 3648 18th
*§Western Brass Mfg. Co., 217 Tehama
*§Western Foundry, 5th & Folsom
*†Western Iron Works (Fire & Burglar Proof Doors, Shutters, Bank Vaults, Fire Escapes, etc.), 141 Beale
†Withington C. W. (Ornamental Iron Work), 416 2d
*Witt G. E. Co. (Fuel Oil Burners), 862 Howard
*Yuba Construction Co. (Excavating Machinery), Insurance Exchange bldg

SAN JOSE—*†Anderson-Barngrover Mfg. Co. (Fruit Grading & Packing Machines)
*†§Bean Spray Pump Co.
§*Krause Otto Brass Fdry.
*†San Jose Foundry
*†Wight & Lipe
SAN LEANDRO—*Junior Monarch Hay Press Co. (Hay Presses, etc.)
SAN PEDRO—*Hipple W. B.
SANTA BARBARA—*†§Western Machine & Foundry Co.
SANTA CRUZ—†§*Enterprise Mach. Wks.
SANTA MARIA—*Roemer & Roemer (Pipe Wrenches)
SANTA ROSA—†§*Yandle, W. J.
SELMA—*Vincent M. (Agr'l Implts.)
SONORA—*§Curnow R. C.
*Damas & Francis
†§Engng. & Fdy. Co.
STOCKTON—*Geiger J.
*Harris Mfg. Co. (Harvesters)
*†§Holt Mfg. Co. (Agricultural Implements, Traction Engines, etc.)
†Monarch Foundry Co.
*†§Samson Iron Works (Gas Engines, Irrigating Pumps, Castings, etc.)
*Shaw H. C. Co. (Harrows & Plows)
*†Sterling Iron Works
*†§Stockton Iron Works (Dredges, Engines, Castings, etc.)
SUNNYVALE — †§*Hendy Iron Wks. Joshua
SUTTER CREEK—*†§Knight & Co. (Water Wheels, Castings, etc.)
TORRANCE—†*Union Tool Co.
TUOLUMNE—*†Holman F. C.
UPLAND—*†§Upland Foundry & Machinery Co.
VALLEJO—†§*U. S. Navy Yard Fdy
VENTURA—*†Ventura Mfg. & Implement Co. (Agrl. Implts., etc.)
VISALIA—*†§Coats J. R.
WOODLAND—†Faulkner D. A.

COLORADO.

ASPEN—*†§Mellor Jos.
BLACK HAWK—†§*Black Hawk Fdy & Mach. Co.
*†§McFarlane & Co.
*Stroehle Machinery & Supply Co.
BOULDER—*†Develine Foundry
CANON CITY—*†Canon City Foundry & Machine Co.
CENTRAL CITY—*†§McFarlane & Co. (Mining Machinery etc.)
COLORADO SPRINGS—*Bumstead F. E.
*†§Hassell Iron Works Co. (Rock & Ore Crushers, Iron & Brass Castings, etc)
DENVER—*Ajax Iron Works Co.
*Andersen Chas. M. (Tools),
†Capitol Foundry Co.
*Card C. S. Iron Works Co. (Mining Machy.)
*Carnahan C. T. Mfg. Co. (Rock Drills, etc.)
†Clark Foundry Co., 1327 Osage
§Colorado Brass Foundry Co.
*Colorado Concrete Mixer Co. (Concrete Mixers)
*†§Colorado Fuel & Iron Co. (Iron, Steel & Brass Castings, All Consumed by the Company; also Machines for Roll Turning, Repairs, etc.)

COLORADO—Denver—continued
†Colorado Gray Iron Foundry Co (Iron Castings, etc.)
*†Colorado Iron Works Co. (Mining & Smelting Machinery, Iron Forgings, etc.), 33d & Wynkoop
†Cox Thomas & Son
§Denver Brass Works Co. (Brass Founders & Finishers)
*†Denver Engineering Works Co. (Mining Machinery, Iron Forgings, etc.)
*†Denver Iron Works & Foundry Co. (Brass & Iron Castings)
*Denver Rock Drill Mfg. Co. (Rock Drills, etc.)
*Dillon-Box Iron Works Co. (Mining Machinery)
†Enz Iron Fdry Co. (Iron Castings, etc.)
*Fish A. E. & Co.,
*§Flint Eectric & Mfg. Co.
*Gair & Binderup
*Gartman C. E. (Machinist), 1414 15th
*†Griffin Wheel Co. (See Chicago, Ill.)
*Havens Bros. Mfg. & Supply Co. (Pipes)
*Hendrie & Bolthoff Mfg. & Supply Co. (Mining & Mill)
*Hingley J. A. (Machinist)
*McFarlane Manufacturing Co. (Mining Machy.)
*McFarlane Eggers Machy. Co. (Mining & Milling Machinery, etc.)
*†Maclear Mfg. & Supply Co.
*†Mine & Smelter Supply Co. (Mining Mach'y & Castings)
†Mountain Iron Works Co.
*Nock & Garside Elevator Co. (Elevators, etc.)
†*Plain Iron Works Co.
†Pioneer Iron & Wire Works Co.
*Plattner Yale Mfg. Co.
*§Queen City Brass Works
†Queen City Foundry Co.
*Sachs-Lawlor Machine & Mfg. Co.
*Scott Supply & Machinery Co. (Machinists)
*Shaw C. H. Pneumatic Tool Co. (Pneumatic Tools)
*§Slack-Horner Brass Mfg. Co. (Brass, Copper, Gold, Nickel, Silver, etc.)
*†§Stearns-Roger Mfg. Co. (Mining & Sugar Machy., Brass & Grey Iron Casting, etc.)
*Truax Mfg. Co. (Steel Ore & Service Cars)
*Vulcan Iron Works Co.
*†Walker Mfg. Co. (Mining & Power Transmitting Machinery)
*§Western Brass Works Co.
†Western Iron Foundry Co.
DURANGO—*†§Ball John R Foundry & Machine Works
*†§Vulcan Foundry Co.
GREELEY—*Brown Peter (Potato Harvesting & Sorting Machinery)
LEADVILLE—*†§Engelbach Mach. Mfg. Co.
*†§McCarty & Moore
LITTLETON—†Leyner J. Geo. Engineering Works Co. (Compressors, Rock Drills, Pneumatic Tools, etc.)
MONTE VISTA—*Elliott D. J.
PUEBLO—*†§Colorado Fuel & Iron Co. (See Denver, Colo.)
*Hochenauer Joseph
*†§Ortner Geo. J. (Brass Fdry., etc.)
†§Pueblo Brass & Iron Foundry (Iron & Brass Fdrs., etc.)
*†§Pueblo Foundry & Mach. Co.
*†§Stearns-Rogers Mfg. Co. (Mining Machinery)
ROCKY FORD—*†§Goodner Pump & Mfg. Co.
TELLURIDE—*†§Sackett E. H.
TRINIDAD—*Hawkins & Barnett Machine Co.
*†§Trinidad Fdry. & Machine Co.

CONNECTICUT.

ANSONIA—*Ansonia Electrical Co. (Electrical Specialties)
§Ansonia Fdry. Co.
*Ansonia Mfg. Co. (Brass Goods)
*Cameron Electric Mfg. Co. (Electrical Specialties)
*Cook H. C. Co. (Special Machinery & Brass Novelties), 100 Jewett
*†Farrel Foundry & Machine Co. (Paper & Pulp Mill, Rolling Mill, Rubber, Stone Sawing, Veneer Cutting, Wire Insulating, Wire Straightening & Cutting Machinery, etc.)
†§Phelps H. D. (Brass Foundry)
BANTAM—*Bantam Anti-Friction Co. (Ball & Roller Bearing, Motors & Motor Vehicles, etc.)
BEACON FALLS—*§Bronson Homer D. Co. (Brass Hinges)
BRANCHVILLE—*Gruman Ice Tool Wks., Inc. (Ice Tools, etc.)
BRANFORD—*†Hammer & Co. (Malleable Iron Castings & Hdwe. Specialties, etc.)
*†Malleable Iron Fittings Co. (Malleable Iron Pipe Fittings & Semi-Steel & Steel Castings)
BRIDGEPORT—*Acme Oil Engine Co. (Oil Engines)
*†Acme Shear Co. (Shears)
*Adams A. L. (Corset Machinery)
*†American Chain Co.
†§American Graphophone Co.
*American Tube & Stamping Co. (Sheet Metal Goods, etc.)
*†American & British Mfg. Co. (Corliss Engines, Driving Wheels, etc.) (See Providence, R. I.)
*Anderson Die Machine Co. (Die Forming & Muzzling, also Tapping Machines) *See adv index at end of book*
*ARMSTRONG MFG. CO. ("Armstrong," Pipe Cutting & Threading Machines, etc), 278 Knowlton
See adv index at end of book
*§Artistic Bronze Co. (Hardware, etc.)
*§Ashcroft Mfg. Co. (Steam Gauges, etc.)
*Atlas Shear Co. (Shears, etc.)
*†Automatic Machine Co. (Automatic & Special Machinery)
*Baird Machine Co. (Safety Toilet & Badge Pin Machinery)
*§Belknap Mfg. Co. (Brass Fdrs. & Brass Goods for Steam, Gas & Water)
*†Bilton Machine Tool Co. (The) (Slotting & Gear Cutting Machines, etc)
*Black Rock Machine Co. (Marine Engines, etc.)
*Bradley H. C. (Wood Turning Machinery, etc.)
*Breul Fred G. (Punch & Die Work Machinery, etc.)
*Bridgeport Brass Co. (Brass Tubing, Lamps, etc.)
*Bridgeport Chain Co. (Chains, etc.)
§Bridgeport Deox Bronze & Metal Co. (Deoxidized Bronze Ordnance, Comp. Castings, etc.)
*Bridgeport Electric Mfg. Co. (Water Heaters)
†Bridgeport Malleable Iron Works Branch of Eastern Malleable Iron Co.) (Malleable & Grey Iron Castings)
*Bridgeport Motor Co. (Gasoline Motors, etc.)
*Bridgeport Safety Emery Wheel Co. (Emery Wheel Machinery)
*Bryant Electric Co. (Electrical Specialties)
*Bullard Machine Tool Co. (Machine Tools, etc.)
*§Burns & Bassick Co. Div. of The Bassick Co. (Brass & Bronze Castings & Furniture Trimmings)
*Coe-Stapley Mfg. Co. (Auto Parts & Fittings)
*Connecticut Clasp Co. (Clasps, etc.)
†Connecticut Electric Steel Co., 540 Flatbush av
*Consolidated Safety Valve Co.
*Cornwall & Patterson Mfg. Co.
*†Coulter & McKenzie Machine Co. (Rivet & Spring Machy., Presses, Punches, Shears, Drop Hammers, etc.)
*†§Crane Co. (Brass & Iron Valves, Fittings, etc.)
*Curtis & Curtis Co. (Pipe Cutting & Threading Machines, Stocks & Dies, etc.)
*Delcampe Welding Co. (Welding Machinery)
†Eastern Malleable Iron Co.
East Side Fdry. Co.
§Ellsworth Brass Foundry Co.
*Farist Steel Co. (Steel Car Springs, Railroad & Machy. Forgings)
*Fray Jno. S. & Co. (Ratchet & Drill Braces & Tool Sets)
Garrison Co. Inc. (Special Machinery), 183 John
*Gaynor Mfg. Co. (Brass Novelties)
General Machine & Mfg. Co. (Punches, Dies, Jigs, Tools, etc.)
*Grant Mfg. & Machine Co. (Riveting Machines & Tool Post Grinders, etc)
*Hall C. W. Carriage Co.
§Hamilton Jno. Brass Works (Brass Fdry & Fnilsher, Plumbers' Brass Goods)
Hansen Christian
Harris H. E. Engineering Co. (Tapping, Grinding & Special Machy.), 1047 Broad
*Hatheway Mfg. Co. (Metal Goods & Dies)
*Hawthorne Mfg. Co. (Talking Machine Supplies, etc.)
*Hubbell Harvey (Inc.) (Screw Slotting & Riveting Machines)
*§Jennings Bros. Mfg. Co.
*Lake Torpedo Boat Co. (Submarine Torpedo Boats)
*Lindstrom Die, Tool & Gauge Wks. (Inc.) (Special Machinery & Tools)
*Locke Steel Belt Co.
†Manufacturers' Iron Foundry
*Model Tool & Gauge Co. (Special Machinery & Tools)
§Monumental Bronze Co. (Bronze Monuments, etc.)
*Nilson A. H. Machine Co. (Special Automatic Machinery, etc.)
†Pequonnock Foundry (Gray Iron Castings, etc)
*Perkins Electric Switch Mfg. Co. (Electrical Supplies)
†Philbrick-Booth Fdry. Co.
Raybestos Co. (Auto Brakes, etc.)
*Ready Tool Co. (Lathe Tools)
*Reliable Machine Co.
*Remington Arms.-Union Metallic Cartridge Co. Inc.
*§Sanford David C. Co.
*Sandford F. C. Mfg. Co. (Welding Machines, etc)
*Singer Mfg. Co. (Sewing Machines, etc)
§Smith Co. Inc., L. C.
Spafford Machine Screw Works (Screw Machine Products), 1516 Asylum
*Special Machinery Co. (Automobile Machinery, etc.)
*Sprague Meter Co. (Gas Meters, etc.)
*Spring Perch Co. (Springs, etc.)
*Springfield Mfg. Co. (Emery Wheel Machinery)
*†Standard Coupler Co. (Car Couplers & Steel Platforms, etc.) (See New York)
*Standard Oil Engine Co. (Gas Engines, etc)
§Stanley Bronze Co. (Brass, Bronze & Copper Castings)
*Trumbull F. S. (Special Tools)
*Union Metallic Cartridge Co.
Universal Caster & Foundry
*Weidlich Bros. Mfg. Co. (Metal Goods & Novelties)
*White Mfg. Co. (Carriage Lamps & Mountings, etc.)
*Wolverine Motor Works (Marine Engines, etc.)
BRISTOL—*Barnes The Wallace Co. ("Barnes-Made," Steel Springs, etc.) *See adv index at end of book*
*§Bristol Brass Co. (Brass Mfrs. & Brass Castings, etc.)
*Bristol & Plainville Tramway Co.
†Clayton Bros. (Shears, Light Hdwe., etc.)
*Dunbar Bros. Co. (Cock Springs, etc.)
*Garrigus C. G. Machine Co. (Grinders, etc.
*Horton Mfg. Co. (Steel Fish Rods, etc.)
*§Ingraham E. Co. (Clock Mfrs.)
*Ladd W. C. (Clocks, Bells & Light Hdw.)
Lawson C. E. Brass Fdry.
*§New Departure Mfg. Co. (Bell Founders & Mfrs.)
See adv index at end of book
*Root Chas. J. Co. (Registering Machines, Wrought Brass Hinges, etc)
*†Sessions Foundry Co. (Grey Iron Castings)
*Snyder L. H. & Co. (Floor & Ceiling Plates)
*Thompson H. C. Clock Co. (Clock Movements)
*Turner & Deegan (Bit Braces, etc.)
BROOKFIELD—*Lenox Shear Co. (Shears, etc)

CENTERBROOK — *Connecticut Valley Mfg. Co. (Bits)
CHESTER—*Deuse J. S. (Gimlets, etc.)
*Jennings Russell Mfg. Co. (Augers, Bits, etc.)
COLLINSVILLE — †Collins Co. (Powe, Tools, etc.)
COSCOB—*†§Oarr H. J. & Son (Iron Castings, etc.)
*Palmer Bros. (Gasoline Motors, etc.)
CROMWELL—†Stevens J. & E. Co. (Toys, Hardware, etc.)
*Warner Hammer Co. (Hammers, etc.)
DANBURY—*Boesch Mfg. Co. (Tools, etc.)
*Doran Bros. (Hatters' Machinery)
*Heim Machine Co. (Hatting Machy.)
§Henebry Thos. F. (Brass Foundry)
*Morlock Machine Works (Hatters Machy.)
*New Machine Co. (Machinists)
*Russell Electric Co. (Electrical Goods)
*†§Turner Machine Co. (Hat Machy.)
DANIELSON—*Bradford Thos.
DERBY—*†Birmingham Iron Foundry (Rubber Mill & Rolling Mill Machinery, Iron & Semi-Steel Castings, etc.)
*Dairy Machinery & Construction Co.
†General Ordnance Co.
*Graham Mfg. Co. (Hdw. & Locksmiths' Supplies)
*O. K. Tool Holder Co. (Tool Holders & Lathe & Planer Tools, etc.), Shelton
*Star Pin Co. (Pins, etc.), Shelton
*†Whitlock Printing Press Mfg. Co. (Printing Presses), Shelton
EAST HAMPTON—*†§Bevin Bros. Mfg. Co. (Bell Fdrs. & Mfrs.)
*Brown H. B. Co. (Bolt & Nut Mchy.)
*§Climax Mfg. Co. (Bell Fdrs.)
§East Hampton Bell Co. (Bell Fdrs. & Mfrs.)
§Gong Bell Mfg. Co. (Bell Fdrs. & Mfrs.)
*†§Hill N. N. Brass Co. (Bell Fdrs. & Bell Mfrs.)
*†§Starr Bros. Bell Co. (Bells, Gongs, etc.)
ESSEX—*Hayden L. S.
FAIRFIELD—§Aluminum Castings Co.
FARMINGTON—*Wallace N (Lightning Rods)
FORESTVILLE—*National Marine Lamp Co.
*Sessions Clock Co. (Clocks, etc.)
GEORGETOWN — *†Gilbert & Bennett Mfg. Co. (Wire Goods, etc.)
GROTON—*†New London Ship & Engine Co.
Vanadium Metals Co.
GUILFORD—*†§SPENCER'S I. S. SONS (INC.) (Grey Iron Castings, etc.)
HARTFORD — AINSLIE MACHINE & TOOL WORKS (Universal Joints, Drill Vises, Tools, etc.), 35 Jefferson av *See adv index at end of book*
Automatic Refrigerating Co. (Refrigerating Machines)
*Billings & Spencer Co. (Machinists' Tools, etc.)
§Blake Edwin J. (Brass, Aluminum, Phosphor & Manganese Bronze Castings, etc.)
*†Capewell Horse Nail Co. (Horse Nails)
*†Capitol Foundry Co.
*Clark E. R. Co. (Air Motors, etc)
*Clark Edred W. (Rubber Machy.)
*Colt's Patent Firearms Mfg. Co.
§Conway J. W.
*Cook Asa S. Co. (Wood Screw Machinery, etc.)
*Cooley & Trevor Mfg. Co. (Envelope Machy., etc.)
§Craig Jno. M.
*Cushman Chuck Co. (Lathe & Drill Chucks, etc.)
*Davis I. B. & Son (Steam Heaters, Pumps, etc.)
*Evarts Machine Co. (Gas & Gasoline Engines, etc.)
*Gray & Prior Machine Co. (Universal Joints, etc.)
*HART MFG. CO., 230 Hamilton (Electric Switches, etc.) *See adv index at end of book*
*Hart & Hegeman Mfg. Co. (Electric Switches, etc.)
*Hartford Machine Screw Co. (Automatic Screw Machinery, etc.)
*Hartford Special Machinery Co. (Special Machy. & Contract Work)
*Henry & Wright Mfg. Co. (Machine Tools)
*§Howard Jas. L. & Co. (Brass Founders & Finishers, Plating, Polishing, Lacquered, etc.)
*Jacobs Mfg. Co. (Drills, Chucks), 894 Park. *See adv index at end of book*
*Johns-Pratt Co. (Electrical Goods, etc.)
*Johnson Carlyle Machine Co.
†Laragy P. (Gray Iron Castings)
*Law F. A. Machine Co. (Marine, Stationary & Automobile Engines)
*Lee H. K. (General Machine Work)
*Leppert Chas. H. (General Machine Work)
*Merrow Machine Co. (Sewing Machines, etc.)
*Mutual Machine Co. (Universal Joints, etc.)
*National Machine Co. (Machine Tools & Printing Presses)
Noble & Westerbrook Mfg. Co. (Grinders, Buffing & Polishing Lathes, Marking Machines, etc) *See adv index at end of book*
*Organ Power Co. (Organ Motors, etc)
*Phoenix Mfg. Co. (Centering Machines)
*Pickering W. H. & Co. (Eng. & Machinists)
*Post & Lester Co. (Auto Supplies)
*†§Pratt & Cady Co. (Hydrants, Valves etc)
*†§Pratt & Whitney Co. (Machine Tools & Small Tools, etc.)
*Quint A. D. (Machine Tools, etc.)
*Rhodes L. E.
*Rhodes Mfg. Co. (Shaping & Slotting Machines), 984 Park *See adv index at end of book*
*Royal Typewriter Co. Inc. (See New York), New Park av
*Seifert Special Machinery Co. Inc. (Automatic Wire Forming & Special Machinery), 308 Pearl
*Sigourney Tool Co. (Drill Presses, etc.)
*Smyth Mfg. Co. (Bookbinders' Machinery)
§Standard Foundry Co. (Aluminum & Bronze Castings)
*Sterling Blower Co. (Blowers, Fans, etc.)
*Taylor Mfg. Co. (Lathe & Planer Tools)
*†Taylor & Fenn Co. (Machine Tools, Drills, etc.)
*Terry Steam Turbine Co.
*Townsend H. P. Mfg. Co.
*Tucker W. B. & C. F. (Oil Hole Covers & Cups, etc), 516 Asylum
*Underwood Typewriter Co.
Vanderbeek A. (Machine Tools, etc.)
*Veeder Mfg. Co. (Cyclometers, Counters & Die Castings)
*Walton Co.
*†§Whitlock Coil Pipe Co. (Pipe Benders, Brass & Sheet Metal Work)
*Whitney Mfg. Co. (Machine Tools, etc.)
HIGGANUM — *†§Cutaway Harrow Co (Harrows, etc.)
Scovil D. & H. (Planters, Hoes, etc.)
HIGHLAND PARK—*Case A. W. & Son
IVORYTON—*Behrens & Bushnell (Machinists)
LIME ROCK — *†Barnum-Richardson Co. (Car Wheels, Castings, etc.)
MANCHESTER—*Johnson Carlyle Machine Co. (Friction Clutches, etc.)
*Lydall H. & Foulds (Machine Needles, etc.)
*Norton Elec. Instrument Co. (Elec. Instruments, etc.)
MERIDEN—*†§Bradley & Hubbard Mfg. Co. (Bronze Goods, etc.)
*Browne & Dowd Mfg. Co. (Can Openers, etc.)
*†§Foster, Merriam & Co. (Cabinet Hardware, Brass Fdrs., etc.)
*§Handel Co. (Lamps)
*Jennings & Griffin (Edge Tools)
*Kelsey Press Co. (Printing Presses, etc.)
*Manning, Bowman & Co. (Bottlers' Machinery, etc.)
†Meriden Fire Arms Co. (Firearms, etc.)
*Meriden Machine Tool Co. (Lathes & Screw Machines)
*Meriden Press & Drop Co. (Power Presses, Drop Hammers, Dies & Tools)
*§Miller Edw. & Co. (Brass Fdrs. Lamps, etc.)
*Parker Bros. (Guns, etc.)
*†§Parker Chas. Co. (Vises, Coffee Mills, etc.)
*Parker Clock Co.
*†Schenck M. B. Co. Div. (Casters & Iron Fdrs.)
§*Wallace Co., F. J.
*Wheeler Frank & Son
*Wusterbarth Bros.
MIDDLEFIELD—*†Lyman Gun Sight Corporation (Gun Sights, etc.)
§*Chapman Co., N. H.
MIDDLETOWN—*†§Douglas W. & B. (Pumps, Garden Engines, etc.)
*Frisbie Motor Co. (Marine Engines)
*†Hubbard Motor Co. (Gasoline Motors)
*§Kirby Mfg. Co. (Bells, Toys, etc.)
*New England Enameling Co.
*Noiseless Typewriter Co. (Main Office)
*†§Wilcox, Crittenden & Co. (Marine & Awning Hdw. & Grey & Malleable Iron & Brass Castings)
MILFORD—Grimes P. L. (Jigs, Fixtures, Gages & Small Tools)
*Milford Tool & Engineering Co. (Special Tools for Munition Makers)
*§Rostand Mfg. Co. (Racks, Brass Goods, etc.)
MOODUS—*Brockway & Meckensturm Machine Co. (Cotton Machy.)
MOUNT CARMEL—§Mt. Carmel Brass Fdry. Works
*†§Woodruff Walter W. & Sons Co. (Brass Fdrs., etc.)
MYSTIC—*†Lathrop J. W. Co. (Gas Motors)
*†§Standard Machinery Co. (Bookbinders' Machy.)
NAUGATUCK—†Eastern Malleable Iron Co. (Malleable Iron & Semi-Steel Castings, etc)
*Risdon Tool & Machine Co.
*§Russell J. M. Mfg. Co. (Plumbers Supplies)
NEW BRITAIN—*†Beaton & Cadwell Mfg. Co. (Ceiling Plates, Steam Heating Supplies, etc.)
*†Corbin Cabinet Lock Co. (division of Am. Hardware Corpn.) (Locks, etc.)
†§*Corbin P. & H.
§Danberg Co., C. A.
§Flannery P. J. Co. (Plumbers' Brass Goods)
§Kinne W. A. (Brass Fdry.)
§†*Landers, Frary & Clark (Brass & Iron Fdrs., etc.)
*†Malleable Iron Works (Malleable & Grey Iron Castings)
*National Spring Bed Co. (Spring Beds)
*New Britain Machine Co. (Automatic Chucking & Screw Machines, Woodworking Machinery, etc), 190 Chestnut
*New Brtiain Tool Co. (Machinists)
*†§North & Judd Mfg. Co. (Brass, Bronze & Malleable Castings, etc.)
§Osborne George H.
†§*Russell & Erwin Mfg. Co.
*Skinner Chuck Co. (Chucks, etc.)
*Stanley Rule & Level Co. (Planes, Try Squares, Gauges, etc.)
*STANLEY WORKS *See adv index at end of book*
Frank & Hine Mfg. Co. (Patent Novelties)
*†Union Mfg. Co. (Drill & Lathe Chucks, Light Grey Iron Castings, etc.)
†Vulcan Iron Works of Eastern Malleable Iron Co. (Malleable & Grey Iron Castings, etc.)
NEW HAVEN—†Adlerhurst Iron Co. (Architectural)
*Barnes Tool Co. (Pipe Cutters, Wrenches, etc.)
*Barnum S. H. (Iron Fdrs., Grey Iron Castings, etc)
*Belden Machine Co. (Dies & Models, Tools, etc.)
*Bigelow Co. (Special Heavy Machinery, etc.)
*Bishop W. S. (Electroplating Machinery, etc.)
*Brooks Chas. J. (Wire Covering & Special Machinery)
*Brown R. H. & Co. (Chucks & Machy.)
*Burgess Machine Co. (Special Machy., Dies, Box Nailing & Trimming Machy., etc.)

CONNECTICUT—New Haven—continued
*Byers Mfg. Co.
§Central Brass Co.
§*Colonial Brass Co.
§*Cowles & Co., C.
Driggs Mfg. Corp. (Engine Lathes, Motors, etc)
Dudley Co., New & Second Hand Mach.
*†Eastern Machinery Co. (Brick Machinery, Elevators, Friction Clutches, etc.)
§Ely C. Upham
*§English & Mersick Co. (Coach Lamps & Trimmings, etc)
*Federal Adding Machine Corp. (Special Tools, Gages, Cutters, Reamers, etc.), York & Grove
See adv index at end of book
†Fitch W. & E. T. Co. (Sash Locks, Malleable Iron Castings, etc.)
*†Foskett & Bishop Co. (Steam Traps & Steam Specialties, etc.)
§Fritzell Oscar Co.
Fritzell Oscar (Brass Founder), 51 Chestnut
*†Fuller Mfg. Co. (Printers & Bookbinders' Machy., etc.)
*Geometric Tool Co. (Special Machy., Screw Cutting, Die Heads, Hollow Milling Tools, etc.)
§Graham Jas. & Co. (Brass Fdrs.)
*Greist Mfg. Co. (Sewing Machine Attachments, etc)
*Griswold Geo. M. Machine Co. (Paper Box Machy., Dies, Tools, etc.)
*Hemming Bros. Co. (Automatic Polishing & Grinding Machy.)
†*Hendryx Andrew B. Co.
See adv index at end of book
*Herrick & Cowell (Paper Box Hardware, Electrotype & Special Machinery)
*Hoggson & Pettis Mfg. Co. (Chucks, Dies, Tools & Special Machinery, etc.)
*§Ives H. B. Co. (Brass & Bronze Fdrs.)
*†McLagon Foundry Co. (Machine Molded Furnace & Machy. Castings, Pulleys, etc.)
Magnus Co., Inc.
*†Marlin Rockwell Corp. (Rifles, Guns, etc.)
*Miner & Peck Mfg. Co. (Drop Presses & Drop Hammers, etc)
*New Haven Carriage Co. (Automobile Bldrs.)
*New Haven Clock Co. (Clock Movements, etc)
*New Haven Screw Co. (Screw Machine Products), 191 Foster
See adv index at end of book
*†§North O. B. & Co. (Malleable Iron Fdrs.)
*Ochsner A. & Son (Carriage Locks & Specialties)
*Oven Equipment & Mfg. Co.
*§Peck Bros. & Co. (Brass Fdrs. & Plumbers' Brass Goods & Supplies)
*Peck John L. & Co.
*Rattan Mfg. Co.
*†§Reynolds Jas. Mfg. Co. (Sand Molding Machines & Brass Fdrs.)
*Rowland Machine Co (Steam Engines)
†§*Sargent & Co.
*Schollhorn Wm. Co. (Pliers, Nippers, Punches, etc)
*Scranton & Co.
*SHUSTER F. B. CO. (Wire Straightening & Cutting Machines), Cedar Hills *See adv index at end of book*
*Snow & Petrelli Mfg. Co. (Yacht Cann. Marine Reversing Gears, etc.)
†Stannard Iron Foundry
*Thompson H. G. & Son Co. (Tool Holders, Hack Saws, etc.)
*Twiss Nelson W. (Steam Engines, etc.)
*†Warner G. F. Mfg. Co. (Grey Iron Castings, etc)
Federal Adding Machine Corp. (Adding Machines)
*Winchester Repeating Arms Co. (Rifles, Guns, etc)
*Wirth John D. (Special Machinery & Tools)
NEW LONDON—*Babcock Printing Press Mfg. Co. (Printing Presses, etc.)
*†§Brown Cotton Gin Co. (Cotton Gins, etc.)
*Connecticut Turbine Mfg. Co. (Steam Turbines)
*†Hopson & Chapin Mfg. Co. (Heating Apparatus, Grey Iron Castings, etc.)
*Lapointe J. N. Co. (Broaching Machines)
*†§New London Marine & Iron Works (Fdrs., Machinists, Marine Railway)
*New London Motor Co. (Motors, etc.)
*New London Vise Works (Vises, etc.)
*Thames Tow Boat Co.
*†WHITON D. E. MFG. CO. (Machine Tools, etc., Lathes & Drill Chucks) *See adv index at end of book*
NEW MILFORD—*Arcade Machine Wks.
*†§New Milford Foundry & Machine Co.
NORTH WINDHAM—*Hartson L. M. Co.
NORWALK—*†Arnold Co. (Textile Machinery)
*†Meeker's Union Foundry Corp'n
NORWICH—*Barber M. A. (Cork Cutting Machy.)
*§Bard Union Co. (Unions, etc.)
*Chelsea File Works (Files)
*Crescent Fire Arms Co. (Shot Guns, etc.)
*Gould Augustus
*Hopkins & Allen Arms Co. (Br. of Marlin-Rockwell Corp.) (Fire Arms)
*Lester & Wasley Co. (Envelope Machinery, etc.)
§Norwich Nickel & Brass Co. (Display Fixtures)
§Pequot Brass Foundry
†*Richmond Radiator Co.
§Tracy C. Oscar (Brass Fdr.)
§*United Metal Mfg. Co. Inc.
†Vaughn Foundry Co. (Grey Iron Castings)
*Warner Arms Corpn. (Fire Arms)
*†Young John T. Boiler Co.
PLAINVILLE — §Carter E. T. (Brass Foundry)
*§Clark A. N. & Son (Bicycle Sundries, Brass Castings to Order)
*Clark Caster Co. (Casters, etc.)
*§Elm City Brass & Rivet Co. (Brass Fireplace Furnishings, Brass Castings, etc.)
*Hanson Bros. (Screw Machine Products)
*Hills Edwin (Shovels, Axes, etc)
*Osborne & Stephenson Mfg. Co. (Brass Goods, etc.)
*Trumbull Electric Mfg. Co. (Electric Specialties)
*Gainer F. H. Plainville, Conn.
PLANTSVILLE—*Wood G. E. Tool Co.
PORTLAND—*Anderson Wrench Co.
*†§Pickering Governor Co. (Governors)
*†§Portland Specialty Mfg. Co.
PUTNAM—*†Putnam Fdry. & Mach. Co. (Machine Tools)
ROCK FALL—*Smith Otis A. (Fire Arms, etc.)
ROCKVILLE—*†Murless H. B.
ROCKY HILL — *†Champion Mfg. Co. (Grey Iron Castings, etc.)
ROXBURY—†Bronson W. & H. (Plows, Castings, etc.)
SEYMOUR—*†Church S. B. (Windmills, etc.)
*Matthews H. A. Mfg. Co. (Bicycle Parts & Stove Trimmings)
§Rimmon Eyelet Co.
†Seymour Iron Foundry (Castings)
§Seymour Mfg. Co.
†Seymour Metal Goods Co. (Novelties)
*Smith James M. (Lathes, etc.)
*Swan Jas. Co. (Augers, Bits, Drawing Knives, etc.)
SHELTON—(See Derby)
†§*Whitcomb Metal Bedstead Co.
SOUTH COVENTRY—*Kingsbury & Davis Machine Co. (See Machines, etc.)
SOUTHINGTON—*†§Peck, Stow & Wilcox Co. (Tools, etc.)
SOUTH NORWALK—*Le Count Wm. G. (Lathe Dogs, etc.)
See adv index at end of book
*†§Lockwood Mfg. Co. (Hardware, Locks, etc.)
*Miller Julius W. (Machinist)
*Nash Engineering Co.
*†NORWALK IRON WORKS CO. "Norwalk" Air Compressors, Gas Compressors, etc.)
See adv index at end of book
*†§Norwalk Lock Co.
*Robertson E. B.
§Scam S. & Son
*Specialty Mfg. Co.
*†§Wheeler Bros.
SOUTHPORT—*Jelliff C. O. Mfg. Corp'n (Harrows, etc.)
SOUTH WINDHAM—*†§Smith & Winchester Mfg. Co. (Paper Bag Machinery)
STAMFORD — *Blickensderfer Mfg. Co. (Typewriters, etc.)
§Brown Bros. (Brass Foundry)
§†Davenport John Co. (Piano Plates)
*Mianus Motor Works (Marine & Gasoline Engines)
*Muench Geo. (Machinist)
*Remington Oil Engine Co.
*Schickel Motor Co. (Mortorcycles)
†Stamford Foundry Co. (Stoves, etc.)
*†Stamford Gas Stove Co. (Stoves, Heaters, etc.)
†Stamford Jobbing Fdry. Co.
*Stamford Motor Co. (Gasoline Engines)
*†§Yale & Towne Mfg. Co. (See New York City)
STONINGTON — *†Atwood Machine Co. Silk & Spool Cotton Machy)
*†§Miller's A. B. Sons
STONY CREEK—*Beach Oliver B. (Gas Engines)
TERRYVILLE—*§Eagle Lock Co. (Locks, etc.)
†Terry Andrew Co. (Malleable Iron Fdrs.)
THAMESVILLE—(See Norwich)
THOMASTON—*Thomas Seth Clock Co. (Clocks, etc.)
THOMPSONVILLE — *Bushnell G. H. Press Co. (Presses, etc.)
*§Westfield Plate Co. (Coffin Trimmings, etc.)
TORRINGTON—*†§Hendey Machine Co. (Machine Tools, etc.)
*National Sweeper Division of The Torrington Co. (Carpet Sweepers)
Schroeder Bros. Mfg. Co. (Contract Work, Special Machinery, Gages & Dies of All Kinds), 111 Brookl.
See adv index at end of book
*Standard Co. (Cycle Fittings)
*Torrington Co. The, Excelsior Plant, successor to *Excelsior Needle Co. (Wire Rod & Tube Pointing Machinery, etc.)
See adv index at end of book
Torrington Co., The Plant
*Torrington Mfg. Co. (Brass & Copper Rolling Mill Machy., etc.)
*†§Turner & Seymour Mfg. Co. (Castings, etc.)
§Waterbury Brass Goods Corp., Conn.
UNIONVILLE—*Hogarty Edw. (Harness Snaps & Saddlery Hardware)
*Upson Nut Co.
WALLINGFORD—*Ives W. A. Mfg. Co. (Bits, Augers, etc.)
*§†Judd Co., H. L.
WATERBURY—§American Pin Co. (Brass & Bronze Castings, Pins, etc.)
*§American Ring Co. (Rings, etc.)
†Apothecaries Hall Co. (Nickel Anodes)
*Atlas Machine Co. (Screw Presses, etc.)
*Benedict & Burnham, Branch (Brass Mfrs.)
*Blake & Johnson Co. (Power & Foot Presses & Wire Forming Machinery, Cold Rolling Machy, Tool Grinders, etc), 1500 Thomaston av
See adv index at end of book
*BRISTOL CO. (Recording Instruments, etc.)
See adv index at end of book
CHASE METAL WORKS (Brass Mfrs.)
§CHASE ROLLING MILL CO. (Brass Mfrs.)
†Conn. Brass Fdry. Co.
§Connecticut Brass & Mfg. Corp.
§Connecticut Mfg. Co. (Brass Castings, etc.)
*Draher Jno. (Power Presses, Rivet, Screw & Button Machy. Dies, etc.)
*Electrical Appliance Mfg. Co.
§French Manufg. Co. (Brass Tubing)
*Henderson Bros. (Machinists & Tumbling Barrels)
*Ludington Cigarette Machine Co. (Cigarette & Tobacco Machinery)
†Manufacturers Foundry Co. (Grey Iron & Brass Castings, Water Jacketed Cylinders, etc.)
*Manville E. J. Machine Co. (Power Presses, Wire Working, Rivet or Heading Machinery)
*§Matthews & Willard Mfg. Co. (See Scovill Mfg. Co.)

Metal Specialty Mfg. Co.
See adv index at end of book
*§Novelty Mfg. Co. (Brass Goods)
*Oakville Co. (Wire & Metal Goods)
§Platt Bros. & Co. (Buttons, etc.)
*Plume & Atwood Mfg. Co. (Brass Goods, etc.)
§Randolph-Clowes Co. (Brass Goods)
*ROBINSON TOOL WORKS, INC. (Die Filling Machines, etc.)
See adv index at end of book
*†§SCOVILL MFG. CO. (Brass Goods Mfrs.) *See adv index at end of book*
*§Smith & Griggs Mfg. Co. (Brass & Metal Goods)
*§Steele & Johnson Mfg. Co. (Brass Castings, etc.)
§Waterbury Brass Co.
§Waterbury Brass Goods Corp'n (Brass)
†Waterbury Castings Co.
*§Waterbury Clock Co. (Clock Mfrs.)
*†§Waterbury Farrel Foundry & Machine Co. (Drop, Power, Hydraulic & Foot Presses, Brass & Copper Rolling Mill Machy., etc.)
†Waterbury Foundry Co. (Grey Iron Castings, Grate Bars, Floor Plates, etc.)
*Waterbury Machine Co.
*§Waterbury Mfg. Co. (Brass Goods)
*Waterbury Tool Co. (Transmission & Variable Speed Changing Gears)
*Waterbury Wire Die Co. (Dies, etc.)
WATERVILLE—*§American Pin Co. (See Waterbury)
§Berbecker & Rowland Mfg. Co. (Brass Specialties, etc.)
*Rowbottom Machine Co. (Special Automatic Machy. of every description, Disc Grinders, etc)
WEST CHESHIRE—§*Am. Mfg. Co.
WEST STAFFORD—*Bradway C. P. Machine Works
WILLIMANTIC—*†Vanderman Mfg. Co. (Grey Iron Castings, etc.)
*Willimantic Machine Co. (Silk & Thread Machy., etc.)
WINDSOR LOCKS—*Clark Geo. P. Co. (Hand Trucks, Casters, etc.)
WINSTED—*Carter & Hakes Machine Co. (Machine Tools)
*Gilbert Wm. L. Clock Co. (Clocks, etc.)
*Moore Franklin Co. (Hoists, Cranes, etc.)
*Richards Benj. & Co. (Upholsterers' Brass Goods)
*Winsted Edge Tool Works (Edge Tools, etc.)
*Winsted Mfg. Co. (Scythes)
YALESVILLE—†Parker Charles Co.

DELAWARE.

DOVER—*†Jones E. L. & Co. (Machy.)
EAST WILMINGTON — *†§HILLES & JONES CO. (Machine Tools, etc)
See adv index at end of book
EDGE MOOR—*Edge Moor Iron Co.
LAUREL—*Oldfield Jas. W. (Machinist)
MILFORD—*†Mathews L. J.
NEW CASTLE—*Am. Manganese Steel Co.
Baldt Steel Co.
§Brylgon Steel Casting Co. (Steel Castings, Crankshafts, etc)
†Deemer Steel Casting Co. (Steel Castings)
WILMINGTON—*†American Car & Foundry Co. (See St. Louis, Mo.)
*Baker G. W. Machine Co. (Leather Working Machinery), 218 French
*†Betts Machine Co. (Machine Tools, etc.), Maryland av & South
*Christiana Machine Co. (Jobbing), S. S. Market st Bridge
†Davis L. D. (Iron Railings, etc.), 15th & French
*§Delaware Marine Mfg. Co.
†*Du Pont Powder Co.
*Green Elevator Co. (Elevators, etc.), 215 W Front
*§Harlan & Hollingsworth Corp'n (Steel Ships, Marine Engines, Car Buildings, etc.), ft West
*Henderer E. & Co., (Pipe Vises)
*Henderer's A. L. Sons
*Hickman Franklin P., 112 West
†§*Hillies & Jones Co.
*Jones & Schumacher (Gasoline Engines), 1100 West
*Layman A. C. Machine Co. (Leather Working Machinery), 11th & Lombard
*†Lobdell Car Wheel Co. (Car Wheels & Chilled Rolls, etc.), G. nr Christiana
*Modern Machinery Co. (Special Machinery, Repairs, etc.)
*National Machine Co. (Fibre & Special Machinery), 507 Orange
*†§Pusey & Jones Co. (Iron & Brass Fdrs., Engines, Paper Mill Machinery, Steel Ships, etc.), ft Poplar
*§Remington Machine Co. (Brass Fdrs. & Ice Machines), 411 E Front
*Slocomb F. F. & Co. (Leather Working Machy. & Pneumatic Tools, etc.), 14th & Poplar
*§Speakman Supply & Pipe Co. (Plumbers' Brass Goods)
*Standard Arms Mfg. Co. (Guns & Rifles)
*Sugar Apparatus Mfg. Co. (Sugar Machinery)
*Trump Bros. Machine Co. (Textile Machinery, etc.), Beech & Anchorage
*Walker & Elliott (Phosphate Mill & Machinists), 2d & Lombard
*†§Wilmington Malleable Iron Works of Eastern Malleable Iron Co.

DISTRICT OF COLUMBIA.

TWINING—*†Columbian Iron Works
WASHINGTON—†Alexandria Iron Works, Evans bldg
†Briscoe W. D. 15th & Ohio av
*Carl Frederick (Insts. & Model Maker), 623 H
*Catlin E. H. & Co., 309 13th, N W
*†Cragg H. C. Mfg. Co., 228 K. S W
*Doremus Machine Co. (Machinists), 302 13th, N W
†§Douglas W. H., 1210 E, N W
§Ennis & Son, Geo. T.
§Ennis Geo. T. & Son, 329 C, N W
*Farrow Arms Co., 210 2d, N W
*†§Firth-Sterling Steel Co. (Ordnance Works, Giesboro Point)
*Forsberg Gustave W. (Machinist), 8th & Water, S W
†Gichner Fred S. (Iron Foundry), 1214 D, N W
*Hurley Jno. E. (Machinist), 1219 Ohio av
†Jorss A. Fred (Iron Fdry. & Builders' Iron Works), 315 13th, N W
*§National Electrical Supply Co., 1330 N. Y. av
*†Schneider's C. A. Sons (Fdrs. & Machinists), 212 12th
*†Springman's J. T. Sons, 904 7th, S. W
*Tabulating Machine Co., 1054 31st, N W
†*Washington Steel & Ordnance Co.
*†White Chas. & Co., 418 O, S W
*†White Fred J., 462 Main av, S W

FLORIDA.

ARCHER—*†§Maddox Foundry & Machine Co.
DADE CITY—*Talley J. M.
DUNEDIN—†§*Skinner L. B. Mfg. Co.
FORT MYERS—*Raymond A. E. & Co.
GAINESVILLE—*§Gainesville Foundry & Machine Works
JACKSONVILLE — *Barker-Cardy Machine Co.
*Campbell J. P. (Orange Packing Machinery)
*Christopher John G. Co.
Duval Iron Wk.
*†§Florida Machine Works (Brass & Iron Castings & Machine Works)
*Gibbs Gas Engine Co. of Florida (Gas Engines)
*†Merrill-Stevens Shipbuilding Corp.
*†§Murphy Timothy Iron Works (Brass & Iron Castings & Machine Work)
*National Boat & Engine Co. (Gas Engines, etc.)
Shipbuilding Corp.
*Vulcan Iron Works
LAKE CITY—*Johnson L. W.
LAKELAND—*Jones Wm.
MIAMI—*†§Lyne C. H. (Brass & Iron Castings & Machine Work)
*Miami Garage
*Perry C. H. (Gas Engines, etc.)
MULBERRY—*†Mulberry Foundry & Machinery Co.
NEWBERRY—*Newberry Machine & Motor Co.
OCALA—*Ocala Gas Co. (Gas Engines & Garage)
*†§Ocala Iron Works (Saw Mill & Phosphate Machy., etc.)
ORLANDO—*†§South Florida Fdry. & Mach. Works (Brass & Iron Castings, etc.)
PALATKA—*Hanley R. H.
*†§Stanton Foundry & Machine Co. (Brass & Iron Castings, etc.)
PENSACOLA—†§Bayshore Fdry. Co.
*†§Gulf Machine Works
*Pensacola Gas Engine & Supply Co.
PUNTA GORDA—*Hewitt Bros. (Machinists & Garage)
TALLAHASSEE — *†§Tallahassee Iron Works (Brass & Iron Castings, etc.)
TAMPA—§*Dixie Mach. Co.
*†Gulf Iron Works
*†§Tampa Foundry & Machine Co. (Brass & Iron Castings & Machine Work)
*†§Tampa Steam Ways Co. (Ship Builders & Iron Founders)
TARPON SPRINGS—*Kaminis Arthur
*Scott H. E.
WEST PALM BEACH—*Fowler Geo. W. Co.

GEORGIA.

ALBANY—*Georgia Car & Locomotive Co. (Rebuilders)
*Southern Machine Works
AMERICUS—*Sawyer W. H. & Sons Co.
ATHENS—*†§Athens Foundry & Machine Works
†§*Georgia Plow & Fdry Co.
*Umbach F. G. (Harrows, etc.)
ATLANTA—*Amer. Machinery Co. (Special Machinery)
*†§Atlanta Mfg. & Supply Co.
*†Atlanta Metal Bed Co.
†§*Atlanta Plow Co.
†Atlanta Stove Works (Stoves)
*†§Atlanta Utility Works (Oil Mill Machinery, etc.) Works: East Point, Ga.
*Atlanta Wood & Iron Novelty Co.
*Avery & Co.
*Camp Machine Shop
*Clark J. C.
*†§Continental Gin Co. (See Birmingham, Ala.)
†*Fulton Metal Bed Mfg. Co.
*†General Pipe & Foundry Co.
*†Georgia Car & Locomotive Co. (Cars Rebuilt)
*Hill A. E. Mfg. Co.
§Magnus Co., Inc.
†*Mutual Fdry. & Mach. Co.
*†§Pratt Engineering & Machine Co. (Chemical & Fertilizer Machinery, etc.)
*Riddell Bros.
Roberts Marion I.
*Schroeter J. H. & Bro.
†§Southern Iron & Equipment Co. (Brass & Iron Castings, Cars, Locomotives, etc.)
*Southern Saw Works. (Agricultural Implements, etc)
†Southern Wheel Co. (Car Wheels)
*†§Spalding Foundry Co.
†§Vulcan Fdry. & Iron Wks.
*†§Withers Foundry & Machine Works (Iron & Brass Fdrs.)
†*Wood A. A. & Sons Co.
*Woodruff Machinery Manufg. Co.
AUGUSTA—*†§Georgia Iron Works (Saw Mill Machinery, etc.)
*†§Lombard Iron Works & Supply Co. (Engines & Saw Mill Machy., etc.)
*Merry Steel Truck Co.
*Vales E. J. (Jobbing)
BAINBRIDGE—*†§Sutherland D. T.
BREMEN—*†§Bremen Foundry Machine Works
BRUNSWICK — *†§Parker-Hensel Engineering Co. (Brass—Iron Castings & Machine Work)
BUFORD—*Lowe T. F.
CANON—*Bowers Machine Works
CARTERSVILLE—*†Withers Foundry & Machine Works
CEDARTOWN—*†Cedartown Foundry & Machine Co.
COLUMBUS — *†§Columbus Iron Works (Ice & Refrigerating Machinery, etc)
*Columbus Truck & Supply Mfg. Co.
*†§Golden's Foundry & Machine Co. (Power Transmitting Machinery, etc.)

GEORGIA—Columbus—continued
*†Lummus Cotton Gin Co. (Cotton Gins, etc.)
†§Pekor Iron Works (Repairing)
*Perfection Dyeing Machine Co.
*†Southern Plow Co. (Cultivators, Plows, etc.)
COMMERCE—*Gibbs Bros.
CORDELE — *†§Tomlin-Harris Machine Co. (Iron & Brass Castings & Machine Work)
DALTON—*Dalton Auto & Machine Co.
*Finley & Son
Mascot Stove Mfg. Co.
*†§Wrinkle & Miller Foundry & Machine Co.
DEMOREST—*†Demorest Foundry & Machine Works
*†§Hendrickson E. D. (Iron Castings & Machine Work)
DICKEY—*Parkins E. P.
DOUGLAS—*§Douglas Foundry & Machine Works
EAST POINT—*†§Atlanta Utility Works (See Atlanta, Ga.)
*Southern Saw & Machinery Works
ELBERTON—*Elberton Machine Works
FITZGERALD—*†§Fitzgerald Iron Works
FORT VALLEY — *Georgia Agricultural Works (Cotton Gin Machinery)
GAINESVILLE—*†§Gainesville Iron Wks.
GRIFFIN—†Gresham Mfg. Co.
LAWRENCEVILLE—*Lawrenceville Mfg. Co. (Saw Mill Machy)
MACON—*Gantt Mfg. Co. (Ag'l Implts.)
*†§Mallary & Roper Co.
*†Massey Gin & Machine Works (Cotton Gins, etc.)
*†§Schofield's J. S. Sons Co. (Sugar Machinery, etc.)
Taylor Iron Wks. & Supply Co.
*†Williams Mfg. Co. (Ag'l Implts.)
MADISON—*Hedenberg Chas. L. (Garage & Repairs)
*Madison Auto & Machine Co. (Garage & Repairs)
MARIETTA—*†§Glover Machine Works (Locomtives, Hoisting Engines, etc.)
MILLEN—*Beard B. C.
MONTICELLO—*Benton Mfg. Co. (Agricultural Implements)
MORELAND—*†§Camp E. N. & Son Co. (Inc.) (Ag'l Implts. & Castings)
NEWNAN—*†§Cole R. D. Mfg. Co. (Engines, etc.)
OCILLA—*Sikes Hay Press Co.
QUITMAN—*†§Quitman Foundry & Machine Co.
ROME—*†Battey Machinery Co.
†Bowie Stove Co. (Stoves)
*†§Davis Foundry & Machine Works
†§*Griffin Fdry. & Mfg. Co.
†Hanks Stove & Range Co. (Stoves)
*Hill City Machine Shop (Repairs)
*†§Rome Machine & Foundry Co.
*†Rome Scale & Mfg. Co. (Scales, etc.)
*†Southern Co-operative Fdry Co. (Stoves & Hollow Ware)
*†Towers & Sullivan Mfg. Co. (Cultivators, Harrows, Plows, etc.)
ROYSTON—*Phillips N. W. & Bro.
SAVANNAH—*American Automatic Machinery Co.
*†Decatur Car Wheel Co. (See Atlanta, Ga.)
*†§Kehoe Iron Works (Iron & Brass Fdrs. & Saw & Phosphate Mill Machy., etc.)
*†§McDonough J. J.
*Mingledorff & Co. (Machine Jobbing, etc.)
*†§Rourke Jno. & Sons (Iron & Brass Fdrs., Machinists, Heavy Forgings, etc.)
†§Savannah Iron & Metal Co.
*†Savannah Iron Works
*†Savannah Iron & Wire Works
*†§Wilkinson Machine Co. (Inc.)
SOCIAL CIRCLE—*Social Circle Mfg. Co. (Fertilizer Mixers)
TALLAPOOSA—*†§Greene M. A.
THOMASVILLE — *†§Thomasville Iron Works
VALDOSTA—†*Southern Foundry Co.
WAYCROSS—†Gillon Machine Co.
WAYNESBORO—*†Mobley G. W. (Machinery)
WEST POINT—*†§West Point Investment Co.
†§*West Point Iron Wks.
WINDER — *†Woodruff Machinery Mfg. Co. (Ag'l Implts., Saw Mill Machinery Castings, etc.)
WRENS—*King O. P.

HAWAII.

HONOLULU—*†§Catton Neill & Co. (Ltd.)
*†Honolulu Iron Works Co.
†§*Honolulu Iron Wks. Co.
*Johansen A. B. Mill Co., Ltd.
*Lord-Young Engineering Co., Ltd.

IDAHO.

BOISE—*†§Baxter Jas. Foundry & Mach. Works
Boise Iron Wks. & Fdy. Co.
LEWISTON—†§*Idaho Fdy. & Mach. Co.
MOSCOW—†Bell O. E. (Ag'l Implts.)
*†§Idaho National Harvester Co. (Ltd.)
NAMPA—*†§Nampa Iron Works (Ltd.)
SAND POINT—†§*King Iron Wks.
TWIN FALLS—†§*Knape E. P.
WALLACE—†§*Coeur D'Alene Hdwe. & Fdy. Co.
WEISER—*†Weiser Fdry. & Machinery Co.

ILLINOIS.

ABINGDON—*§American Sanitary Mfg. Co. (Plumbers' Brass Goods)
ALTON—*Beall Bros. (Miners' Tools, Shovels & Specialties)
*†Duncan Foundry & Machine Works (Car Wheels, etc.)
*Hapgood Plow Co. (Ag'l Implts., Plows, Drills, Planters, etc.)
*Hayden Machine Co.
*Illinois Glass Co. (Machine Shop for their own use)
†Schuessler Fdry. & Mach. Co.
ANNA—*Smith H. W. (Jobbing)
ARLINGTON HEIGHTS—*†Peter & Volz Co.
ASSUMPTION—*Consolidated Electric & Mfg. Co. (Electric Specialties)
*McClure J. W.
AURORA—*†§American Well Works
See adv index at end of book
*†American Woodworking Machinery Co. (See Rochester, N. Y.)
*§Aurora Foundry Co. (Grey Iron & Machine Pulley Castings, etc.)
*§Aurora Metal Co. (Brass & Bronze Castings & Metallic Piston Packing)
*Divekey Bros. (Garage & Machinists)
*†Fox River Boiler Sheet Iron Works.
*†Fox River Iron Co.
*Hinckley Charles C.
*†Love Bros.
†*Love Bros., Inc.
§Peters Henry Brass Foundry Co. (Brass Castings, etc.)
*†Rathbone, Sard & Co. (Stoves, etc.)
*†Stephens-Adamson Mfg. Co. (Conveying & Power Transmitting Machinery, etc.)
*Udstad S. (Machinist)
*Vindex Electric Mfg. Co. (Transformers, etc.)
Western Wheeled Scraper Co. (Street Sweeping Machines & Road Scrapers, etc.)
AVA—*Spinner E. F.
*Underwood Wm. J.
BATAVIA—*†Appleton Mfg. Co. (Agricultural Implements)
*Batavia Engineering Works (Inc.) (Conveying, Elevating & Screening Machy.)
*†§Challenge Co. (Gas & Gasoline Engines, Windmills, etc.)
*Emerson - Brantingham Co. (See Rockford, Ill.)
†Shumway C. W. & Son (Machinery Castings, etc.)
†Sperry D. R. & Co. (Filter Presses, Evaporators, Vacuum Pans, etc)
§Stuttle Brass Mfg. Co.
*†U. S. Wind Engine & Pump Co (Windmills, Pumps, Feed Mills & Corn Shellers, etc.)
BELLEVILLE — *†Baker Stove Works (Stoves, etc.)
†§Baur Fdy. Co.
†Belleville Foundry Co.
*Belleville Implement & Motor Co (Ag'l Implements, Motors, etc.)
*†§Belleville Stove & Range Co. (Stoves, etc.)
*Berger Chas. (Jobbing, etc.)
*†§Born J. C. & Bro. (Grinding & Polishing Mchy., Countershafts, etc.)
†Crown Foundry Co. (Iron Founders)
*†Eagle Foundry Co. (Stoves)
†Enterprise Fdy. Co.
*†Excelsior Foundry Co. (Castings, Sugar Cane Mills, etc.)
*Germania Refrigerating & Machinery Co.
*Gundlach P. M. Sons (Agrl. Implts.)
*†Harrison Machne Works (Threshers & Engines)
*Herzler & Henninger Machine Wks. (Coal Mining Mach'y)
*Ideal Stencil Machine Co.
*†§Illinois Foundry & Machine Co.
*Modern Die & Plate Press Mfg. Co. (Die & Plate Presses, etc.)
*†§M. H. Foundry & Mfg. Co. (Iron & Brass Castings, etc.)
†Oakland Foundry Co.
†§Orbon Stove & Range Co. (Stoves Ranges, etc.)
†Roesch-Kohl Enamel Range Co.
†Quality Stove & Range Co.
*†St. Clair Foundry (Iron Fdrs.)
*Schwarz Jos. & Sons
†Superior Foundry & Mfg. Co.
*United States Safety Gas Machine Co.
BELVIDERE—*Belvidere Screw & Machine Co. (Screw Machine Products)
*†National Sewing Machine Co. (Sewing Machines & Screw Machine Products)
BENTON—†*Banner Mfg. Co.
BLOOMINGTON—*†American Foundry & Furnace Co. Castings, etc.)
*†§Constant B. S. Manufg. Co. (Elevator & Grain Machinery, etc.)
†Co-operative Stove Co. (Stoves)
*Diets S. J.
*Keiser-Van Leer Co.
*McGrath J. T. & Son
*†Magirl P. H. Foundry & Furnace Works (Grey Iron Castings, etc)
BLUE ISLAND—*Bronson E B. Co.
BRADLEY — *†Bradley David Machine Works. (Plows, Cultivators, Planters, etc)
†§*Bradley Mfg. Works
*†Turk Jos. Mfg. Co. (Iron Beds, etc.)
BUSHNELL—*Norcross C. S. Son (Garden Plows, etc.)
CAIRO—*†§McCarthy & Malinski
*†§Reed Hardware & Mfg. Co. (Machine Tools & Castings, etc.)
*†§Rennie Jno. T.
*†§Vulcan Iron Works
CANTON—*†§Parlin & Orendorff Co. (Plows, Cultivators, Planters, Listers, etc.)
CARLOCK—*Schad Alva
CARMI—*Brandt A. H. (Agricultural Implements)
CARPENTERSVILLE—*†§Illinois Iron & Bolt Co. (Presses, Jacks, Vises, Drills, etc.)
*†Star Mfg. Co. (Agricultural Implements, etc.)
CHAMPAIGN—Bonner Tool Co. (Nail Pullers, Wrenches, etc.)
*†§Burr Co. (Manhole Covers, Sewer Inlets, Municipal Castings, etc.)
*Hardy W. F. (Agrcultural Implts.)
CHICAGO—**§Abernathy Vise & Tool Co., 227 Englewood
*Acme Steel Goods Co., 2834 Archer av
*§Acme Supply Co. (Car Appliances, Brass Fdry., etc.), 28 E Jackson boul
*Adams Bros. & Co. (Special Machy., etc.), 136 W Lake
§Adams & Westlake Co. (Railroad Specialties, Brass Fdrs., Finishers, etc.), 319 W Ontario
*§Adapt Machinery Co. (Special Machinery), 1624 Wabash av
*Addressograph Co. (Addressing Machines), 901 W Van buren
*Advance Machine Co. (Slot Machines), 4645 Ravenswood av
*†§Aermotor Co. (Windmills & Pumps, etc.), 1146 S Campbell av
§Ajax Brass Mfg. Co.
*Ajax Forge Co. (Frogs, Crossings, etc.), 2499 Blue Island av
*Albaugh-Dover Co. (Cut Gears, etc.), 2100 Marshall blvd
§Alemite Metals Co. (Die Castings), 341 W Chicago av
*Allbright-Nell Co. (Packing House Mach'y), 5323 Western blvd
*§Allen W. D. Mfg. Co. (Brass Founders' Brass Specialties, Finishers, etc.), 566 W Lake
*†§ALLIS-CHALMERS CO. (See Milwaukee, Wis.)
See adv index at end of book

*Altizer Elevator Co., 609 N. La Salle
§Am. Art. Bronze Fdry
†Am. Brake Shoe & Fdry Co.
Am. Cast Iron Pipe Co.
*†American Bridge Co. (Bridge Bldrs., etc.), W 40th & Princeton
†American Building Foundry Co. (Structural & Arch'l Castings), 2300 S. Springfield av
***AMERICAN CAN CO.** (Machy Dept.) (Can Makers' & Canners' Machinery, etc.), Monroe bldg.
See adv index at end of book
*†American Car & Foundry Co., 80 E. Jackson boul. (See St. Louis, Mo.
*American Carton Sealing Machine Co., 1060 W. Harrison
*American Foundry & Machinery Co., Monadnock block
*American Iron & Wire Works, 1622 Carroll av
*American Ironing Machine Co., 166 N. Michigan
*American Laundry Machinery Co., 1800 N Spaulding av
American Metal Ware Co. (Brass Bedsteads, etc.), 368 W Huron
*American Meter Co. (Gas Meters & Appliances), 122 S Michigan
American Perforator Co. (Perforating Machines), 617 W Jackson blvd
*†American Radiator Co. (Radiators, etc.), 820 S Michigan av
*†American Seating Co. (Malleable Iron Castings), 14 E Jackson blvd Works: Grand Rapds, Mich.
†American Steel Foundries (Steel Castings), 332 S Michigan av
***†AMERICAN STEEL & WIRE CO.,** 208 S La Salle
See adv index at end of book
*American Stove Co., 179 N Michgan av
*†American Wood Working Machinery Co., 565 W Washington. Factory: Aurora, Ill.
*Amundsen A. & Co. (Tools & Dies), 542 W Jackson blvd
*§Anchor Brass Works, 141 W Austin av
†§*Anderson A. H.
§Anderson A. H. 1213 Fulton
§Anderson Bros. (Brass Founders & Finishers), 1388 Fulton
*Anderson Carl Co. (Repair Gas & Gasoline Engines), 867 Larrabee
§Anderson Chas. B., 109 S Clinton
*Anderson Chas. L., 569 W Van Buren
*Anderson C. F. & Co. (Printers' & Binders' Machinery), 710 S Clark
*Anderson Engine Co. (Gasoline & Kerosene Engines, etc.), 4036 N. Rockwell
Anderson Fdry Co., Wm. B.
*Archer Iron Works Co. (Wheelbarrows, Trucks, etc.), 2436 W. 34th pl
*Armstrong-Blum Mfg. Co. (Punches & Shears, Rod Cutters, etc), 337 N Francisco av
*Armstrong Bros.' Tool Co. (Tool Holders, Ratchet Drills, etc.), 339 N Francisco av
*Arnold, Schwinn & Co. (Bicycles, etc), 1718 N Kildare av
†§Art Bedstead Co., 37th & Rockwell
†Ashland Iron Works, 1604 W Superior
*Aurora Automatic Machinery Co. (Pneumatic Tools, Motor Cycles, etc)., Factory: 361 W Superior, General office: 1307 So Michigan av, Chicago, Ill.
*Austin F. C. Co. Inc. (Ditching Machine, etc.), Railway Exchange bldg
*Automatic Electric Welder Co., 618 W Jackson blvd
*Automatic Racking Machine Co., ft. 28th
*Ayes & Co. (Pipe Cutters, etc.), 1812 Ellen
*B. & A. Machine Works, 317 S Clinton
§Baldwin Brass Works, 411 S Clinton.
*Barber A. H. Creamery Supply Co. (Ice & Refrigerating Machy. & Dairy Supplies), 300 W Austin av
*Barco Brass & Joint Co. (Brass Finishers), 212 W Illinois
Barker H. J. & Co. (Sheet Metal Stamping), 101 N Jefferson
*§Bastian-Blessing Co. (Brass Fdrs. & Finishers), 125 W Austin av
*§Beardslee Chandelier Mfg. Co. (Gas & Electric Fixtures), 216 S Jefferson
*Bell D. J. (Moving Picture Machines) 1811 Larchmont av
§Berchem Julius (Bronze Statuary, etc.), 4921 W Lake
*Bergholtz, Strodtz & Co. (Tools, etc.), 2230 Ogden av
*Bergbom & Roberg (Machinsts & Tool Makers), 218 N Jefferson
*Besly Chas. H. & Co. (Disc Grinders, Taps, etc.), 120 N Clinton. Works: Beloit, Wis.
*Blakeslee G. S. & Co. (Dish Washing Machines), 2856 Quinn
*Bloomfeldt & Rapp Co. (Special Machy., Dies, etc.), 108 N. Jefferson
*Boland Machy. Co. (Ice & Washing Machinery), 552 W Van Buren
*Boller Peter Machine Works (Machinist), 124 N Curtis
†Bolter's A. Sons (Builders' Iron Work), 2301 Ward
†Brady Jas. A. Foundry Co. (Machinery Castings), 45th & Western blvd
*Brandes Carl (Arch'l & Structural Iron), 1327 Otto
*§Braun David J. Mfg. Co., 6800 N Ashland av
*†Brighton Foundry Co., 3306 Artesian av
*Brokaw-Eden Mfg. Co. (Laundry Machinery), 175 W Jackson blvd
*Bromley-Merseles Manufg Co. (Dish Washing Machinery), 837 Larrabee
*Bromm Fred (Tools), 2564 S Halsted
*Brown Specialty Machinery Co. (Core Making Machines, etc.), 2440 W 22nd
*†Brucker Michael (Fdry. & Stove Repairs), 820 N Lincoln
*Brunner & Lay (Stone Jacks) 570 W Polk
†Buchanan Electric Steel Co. (Steel Castings), 80 E Jackson blvd. Works: Buchanan, Mich.
*†§Buda Co. (Railway Cars, Axles, Wheels, Track Equipments, etc.), Railway Exch. bldg. Works: Harvey, Ill.
*Buissono Bros.' Mfg. Co. (Machinists), 3351 Parnell
*Bullock Tractor Co., 1801 Diversey Parkway
*Burge Machine Works (Vulcanizers, etc.), 230 N Jefferson
†Burnside Steel Co., Railway Exch.
*Burton A. G. Son (Safe Locks, etc.), 118 S Clinton
†Butler St. Foundry & Iron Co. (Iron Fdry.), 3422 Normal av
*†§Caldwell H. W. & Son Co. (& Power Transmitting Machinery, etc.), 17th and Western av
*Cassady-Fairbank Mfg. Co. (Automatic & Bicycle Parts, etc.), 6126 S La Salle
*Central Architectural Iron Works, 53 W Jackson blvd
§Central Brass Foundry, 109 S Clinton
*Central Chandelier Co., 1547 Fulton
*Central Iron Works (Fire Escapes, etc.), 939 W Lake
*Central Specialty Mfg. Co. (Bathroom & Laundry Fittings), 508 S Peoria
Channon Jas H. Mfg. Co. (Elevators & Machinery), 227 W Erie
§Chicago Aluminum Castings Co., 2647 Ogden av
*Chicago Apparatus Co. (Scientific Apparatus), 32 S Clinton
*§Chicago Bearing Metal Co. (Journal Bearings, Brass Castings, etc.), 2220 W 43d
*Chicago Die & Machine Works, 415 N Carpenter
*Chicago Dryer Co. (Laundry Machinery) 630 S Wabash av.
§Chicago Faucet Co. (Brass Goods, etc.), 2712 N Crawford av
*Chicago Fire Apparatus Co. (Fire Apparatus), 625 W Washington
*†Chicago Foundry Co., 2211 N Major
†*Chicago Gold Coin Stove Works, 2135 Loomis
*†§Chicago Hardware Foundry Co., 546 W Wash.
†Chicago Iron Foundry Co., 2313 Austin av
*§Chicago Journal Bearing Co. (Car Brasses, Brass & Bronze Castings), 519 W Vanburen
*Chicago Laundry Machinery Co., 213 W Grand av
*Chicago Machine Tool Co., 625 W Wabash av
*Chicago Machine & Washer Co., 2625 W 15th
*†§Chicago Malleable Castings Co. (Refined Malleable Castings), 120th & Racine av
†Chicago Malleable Iron Co., Blue Island & Western aves
***†CHICAGO PNEUMATIC TOOL CO.,** (Pneumatic Tools, Air Compressors, etc.), Fisher bldg
See adv index at end of book
*Chicago-Racine Aluminum Brass & Iron Works, 224 W Huron
*†Chicago Railway Equipment Co. (Brake Beams, Bolsters, Side Bearings, Railway Specialties, etc) 1928 W 46th
*Chicago Ship Building Co. (Marine Engines, Ship Builders, etc.), 101st & Calumet river
*Chicago Steel Car Co., Harvey
†Chicago Steel Foundry Co. (Crucible, Manganese, Nickel, Canadian & Chrome-Vanadium Steel Castings), 3701 S Kedzie av
*†Chicago Stove & Range Co. (Ranges, etc.), 2023 S Clark
*Chicago Time Lock Co., 2765 St. Mary's
*Chicago Watch Tool Co., 1956 Grand av
*Chisholm, Boyd & White Co. (Brick Machinery, etc.), 57th & Wallace
*§City Brass Works, 159 N Jefferson
*†§Clow, Jas. B. & Sons (Cast Iron Pipe & Plumbers' Supplies), Franklin & Harrison
*Clyde Iron Works, 343 S Dearborn
*Colborne Mfg. Co. (Pie Bakers' Machinery, etc.), 157 W Division
*†§Coleman Adelbert E., 336 W 37th
§Colonial Fireplace Co., 4631 W 12th
*Columbia Mills, 231 W. Monroe, (See New York, N. Y.)
*Compound Injector & Specialty Co. (Plumbing Specialties), 419 N Laramie av
*Comptograph Co. (Adding & Listing Machines), 14 S La Salle
*Consolidated Press Co., 26 S Jefferson
*Continental Bridge Co., Monadnock block
Continental Machine & Fdry Co. (Grey Iron & Semi-Steel), 517 Ins. Ex. bldg
*Cook & Chick Co. (Jobbing & Repairing a Specialty), 18 E Kinzie
†Co-Operative Foundry Co., 505 S Clinton
*Corbin & Guion (Electrical Repairs), 310 S Desplaines
*†§Crane Co. (Est. 1855) (Steam Specialties & Cast Iron & Brass Goods), 836 S Michigan av
For branch offices see Alphabetical Section
*†Creamery Package Mfg. Co. (Ice & Refrigerating Machines & Creamery Supplies), 61 W Kinzie
†Cribben & Sexton Co. (Stoves & Plumbers' Enameled Ware, etc.), 680 N Sacramento blvd
*Cross Press & Sign Co. (Wood Printing Machines), 1508 Dayton
†Crown Stove Works (Stoves), 4631 W 13th. Works: See Cicero, Ill.
*Cullman Wheel Co. (Sprockets for Roller & Block Chains), 1346 Altgeld
†Cummings T. A. Foundry Co., 1338 Cortland
*Cummins B. F. Co. (Check Perforators, etc.), 4740 W Ravenswood av
†Dauchy Iron Works (Builders' Iron Work, Castings & Vault Lights), 223 W Illinois
*Davis Geo. M. Regulator Co. (Valves, etc.), 422 Milwaukee av
*†§Davis, Horwich & Steinman (Brass), 2236 La Salle
*Davis-Johnson Mfg. Co. (Hydraulic & Iron Beds), 2236 La Salle Presses & Pumps, etc.), 4518 Lexington
*†§Dawson Bros. (Brass & Iron Fdrs.), 523 N Halsted
*Dearborn Machine Works, 410 S Dearborn

ILLINOIS—Chicago—continued
*Dee Wm. E. Co. (Castings, Sewer, Pipes, Gratings, etc.), 30 N La Salle
†§*Deering Works, 1734 Fulleton av
*Delano E. A. Co. (Power Transmitting Machy., etc), 1401 W North
*Dellenbarger C E., 1608 W Lake
*Delta-Star Electric Co. (Electrical Appliances), 2437 Fulton
*§Diamond Brass Foundry & Machine Co., 1115 Washington blvd
*Dick A. B. Co. (Copying & Duplicating Machines), 736 W Jackson blvd
*§Dietzgen Eugene Co., 166 W Monroe
†Diversey Fdry. Co.
*Dobbins C. E. & Co. (Axles & Springs), 460 N Halsted
*†Domestic Sewing Machine Co. (Sewing Machines), 19 W Jackson blvd.
*Donaldson & Fisher Co., 1654Besley ct
*Downing-Smith Co. (Electrical Repairs), 553 W Vanburen
*Dreis & Krump Mfg. Co. (O K Cornice Brake, etc.), 2911 S Halsted
*†Duffin Iron Co. (Arch'l Iron, etc.), 4837 S Kedzie
*Dunbar & Co. (Peanut & Pop Corn Roasting Machines), 2652 W Lake
*Dun Wm. E. Mfg. Co. (Concrete Mixing Machy), Holland, Mich.
*Dunn Manufacturing Co. (Dish Washing Machinery), 180 N Dearborn
*Economy Engineering Co. (Tiering Machines), 415 S Washtenaw
Economy Pumping Machy. Co., 116 N Carpenter
§Eddy Brass Foundry & Machine Co., 301 N Halsted
*†Eddy R. M. Foundry Co. (Boiler & Machinery Castings, etc.), 372 W Grand av
§*Edward Valve & Mfg. Co.
*Electric Rotary Machine Co., 32 S Clinton
*Electric Steel Co.
*Electro Magnetic Tool Co. (Drills), 2902 Carroll
†Elizabeth Street Foundry (Iron Fdry.), 5837 S Elizabeth
†Elliott Foundry & Machine Works, 1921 S Fairfield av
ELMES CHAS. F. ENGINEERING WORKS (INC.) (Hydraulic Presses, Pumps & Accumulators), cor. Fulton & Sangamon
See adv index at end of book
*§Empire Brass Works (Brass Founders, Finishers, etc.), 824 Fulton
*Emrath Louis, 4236 N Ashland av
*Enterprise Tool & Metal Works (Machinists), 126 S Clinton
Erb W. B. & Co. (Machinists), 405 S Clinton
*Erwin & Co.(Hydraulic Pumps, etc.), 3736 Cottage Grove av
*Essley E. L. Machinery Co., 555 Washn blvd
*Eureka Digger Co., 227 W Huron
*Excelsior Cycle Store. (Bicycles), 5340 B'way
*Excelsior Motor Mfg. & Supply Co. (Motorcycles), 3701 Cortland
*Excelsior Steel Furnace Co. (Furnaces, etc.), 118 S Clinton
*†§Fairbanks, Morse & Co. (Gas Engines, etc.), 900 S Wabash av
§Faunt Bros. (Brass Founders, Finishers, etc.), 1555 Fulton
†Fearon-Tillotson Foundry Co., 1420 W Kinzie
*§Federal-Huber Co. (Plumbers' Goods, etc.), 234 N Halsted
*Federal Mfg. Co. (Geyser Cocks, etc.), 21 E Vanburen
*Felt & Tarrant Mfg. Co. (Comptometers, etc.), 1717 N Paulina
†Ferguson & Lange Foundry Co. (Grey Iron, Ammonia, Chilled & Hydraulic Castings & Chilled Car Wheels, etc), Clybourn & Willow
*§Fidelity Brass Mfg. Co., 1001 Washington blvd
*§Findeisen & Kropf Mfg. Co., 2559 W 21st
*Fischer Machine Works (Woodworking Machinery), 1845 Carroll av
§Florentine Brotherhood, 842 Exch. av
*Folding Sawing Machine Co., 161 W Harrison
*†Foley-Williams Supply Co. (Sewing Machines), 19 W Jackson blvd
***FOOTE BROS. GEAR & MACHINE CO.** (Engineers' & Machinists' Special Machinery, Cut Gears, etc.), 210 N Carpenter
See adv index at end of book
*Force Wm. A. & Co. (Inc.) (Stamps, Dies, etc.), 108 W Lake
*Fort Dearborn Mfg. Co. (Special Mach., etc.), Sterling
*Foster & Hosler (Pneumatic Tools), 431 S Dearborn
*Fowler Lamp & Mfg. Co. (Carbureters, Cut-Out Valves, etc.), 59 E 24th
†Francis & Nygren Foundry Co. (Semi-Steel & Iron Fdrs.), 2542 Fillmore
†Franklin Pipe & Foundry Co., 2438 S. Paulina
*Furness Bros. Co. (Machinists, Pumps, etc), 1615 W Walnut
*Gallaher & Speck (Machinists), 215 W Congress
***GANSHOW WM. CO.** (Engineers' & Machinists' Special Machinery, Cut Gears, etc.), 1001 Washington blvd. *See adv index at end of book*
*†Garden City Fan Co. (Iron Fdrs. & Blowers' Exhaust Fans, etc.), 332 S. Michigan av. Works: Niles, Mich.
*Gebhardt H. J., 343 S Dearborn
*Gits Bros. Mfg. & Specialty Co. (Oil Cups, etc), 555 W Monroe
*Glader Wm. (Cooperage Machinery, etc), 210 N Ann
*Globe Electric Co. (Electric Motors), 6340 Stony Island av
§Globe Metal Co., 1970 Clybourn av
*Globe Special Machinery Co., 128 N Jefferson
*Goldschmidt M. & Co. (Electrical Repairs), 542 S Clark
*Goodman Mfg. Co. (Mining Machinery), Halsted & 48th pl
*†Goss Printing Press Co. (Printing Presses), 1535 S Paulina
*§Grant Michael F. & Co. (Brass Fdrs. & Finishers), 330 S Clinton
†Greenlee Foundry Co. (Iron Fdrs.), 664 W 12th
*Gregory Electric Co. (Electric Machinery), 1601 S Lincoln
*†Griffin Wheel Co. (Car Wheels), 332 S Michigan av
*Grotnes Chas. (Machy.), 128 N Jefferson
*Gruendel Geo. Machine Works (Machinist), 440 N Peoria
*Guarantee Electric Co. (Dynamos & Motors), 430 S Green
*Gump B. F. Co. (Rebuilt Flour Mill Machinery), 431 S Clinton
*Guyton & Cumfer Mfg. Co. (Special Machinery), 4451 Filmore
*Haberkamp Wm. Machine Works (Saturating & Roofing Paper Machinery, etc), 442 Wells
*Hacker Horace & Co. (Printing Machinery), 312 N May
*Hall A. W. & Co., 633 Plymouth
*†**HANKE IRON & WIRE WORKS,** 800 N Albany av
See adv index at end of book
*Hanna Engineering Works (Pneumatic Tools & Special Machy), 1764 Elston av
*Hannifin Mfg. Co. (Chucks, Countershafts, Dies, etc.), 621 S Kolmar av
*†Hansell-Elcock Co. (Iron Founders & Builders' Iron Works), Archer & Normal avs
§Hansen & Olsen
*Hardinge Bros. (Sensitive Drills & Watchmakers' Tools, etc), 4203 Ravenswood av
§Harris Arthur & Co. (Brass Founders & Finishers for Breweries, Distillers, etc.), 212 N. Curtis
*Harvard Electric Co. (Electrical Specialties), 525 W Van Buren
§*Heath-Johnson Co.
§Hecht Jere M., 320 W Grand av
*Heerey Machine & Battery Works, 918 E 43rd
*Heinemann Louis & Son, 1801 Belmont av
*Helmold J. F. & Bro. (Machine Tools), 1462 Hamburg
*Hennebohle F. (Steam & Hydraulic Specialties), 8101 S Chicago av
†§Herbert Boiler Co.
*Higgins John C. (Mill Pecks), 812 W Kinzie
§*Hill Pump Valve Co.
*§Hills-McCanna Co. (Brass Fdrs. & Engineers' Supplies), 153 W. Kinzie
§Hine-Watt Mfg. Co. (Automobile Lamps, etc), 180 N Market
§Hodgson Foundry Co. (Brass Fdrs. & Finishers), 2012 W 13th
*Hoeft & Co. (Special Machy., Dies, Tools, etc.), 1600 W Kinzie
§Holland Brass Works (Brass Founder & Finisher), 616 W Monroe
*Holliday Eng. Co. (Gas Engines), 1818 Milwaukee av
*Holmes Bros. (Molds, etc.), 500 S. Peoria
*†Holmes, Pyott & Co. (Builders' Iron Work & Foundry & Machinists), 159 N Jefferson
†Home Stove Works (Stoves), 2622 W 18th
*Hotchkiss, Blue & Co. (Car Bldrs.), 80 E. Jackson blvd. Works: Harvey, Ill.
*†Hughson Steam Specialty Co. (Steam Specialties, etc.), W 21st & S. Racine av
*Hurley Machone Co. (Electric Labor Saving Machines, etc), 29 S Clinton
*Hydraulic Engineering Works (Hydraulic Press & Pumps), 708 Fulton
*Ilg Electric Ventilating Co. (Blowers, Fans, etc.), 154 Whiting
*Illinois Car & Mfg. Co., 20 W Jackson blvd.
*Illinois Die & Tool Works, 162 N Desplaines
*Illinois Engineering Co., 5021 S State
*†§Illinois Malleable Iron Co. (Iron & Fdrs., Pipe Fittings & Plumbers' Supplies), 1801 Diversey blvd
See adv index at end of book
*Illinois Maintenance Co., 72 W Adams
*Illinois Modern Button & Machine Co. (Button Machinery), 2407 W Ohio
§Illinois Smelting & Refining Co., 410 N Peoria *See adv index at end of book*
Illinois Steel Co. (Iron, Steel & Brass Castings, All Consumed by Company; also Machine Shop), 208 S La Salle
*§Imperial Brass Mfg. Co. (Brass Fdrs. & Finishers), 524 S Racine av
See adv index at end of book
*Independent Pneumatic Tool Co., 1307 Michigan av
*Industrial Products Co. (Jigs, Fixtures, Special Machy., etc.), Irving av
*International Filter Co., 38 S Dearborn
†§*International Harvester Corp.
*International Register Co. (Car Fare Registers), 15 Throop
James D. O. Mfg. Co. (Gear Cutting), 1120 W Monroe
*Jennings Pump & Dredge Co. (Dredging Machy, Pumps, etc), 305 N Michigan av
*Johnson Chas. & Son (Fire Escapes, etc), 320 W Grand
§Johnson Meier, 155 Wendell
†Johnston & Jennings Co., 1020 W 38th. (See Cleveland, O.)
*Jones Superior Machine Co. (Wood Working Machy, Plumbers' Brass Goods), 1264 W North av
*†Jones W. A. Foundry & Machine Co. (Power Transmitting Machy & Castings), 4401 W 12th
*Joy Chas. H. (Slot Machines), 407 Aberdeen
*Kaestner & Hecht Co. (Elevators, Brewers' & Maltsters', Paint Grinding & Mixing Machinery), 500 Throop
§*Kainer Mfg. Co.
*Karas Electric Co. (Electric Specialties), 215 W Illinois
*Karbatzki J. B. & Son, 1302 W 22nd
†Kedzie Fdy. Co.
*†Kellogg-Mackay Co. (Radiators & Heating Apparatus), 403 W 18th
*Kellogg Switchboard & Supply Co., 1066 W Adams
§Kelly Brass Works, 226 W Ontario
*Kelly Thomas & Bros. (Water Closets & Plumbers' Brass Goods), 404 S. Kolmar av
*Kiesler Jos. F. Co., N Sangamon & W Huron
†Kimball Co.

*†Kimball & Chappell Co. (Metal Bedsteads, etc.), 2834 Loomis
*Kimber G. A. (Tools), 1326 N Hamlin
*Kimble Electric Co. (Electric Motors & Fans), 634 North Western av
*Klemm E. R. (Stone Jacks), 1453 Austin av
*Klipfel Mfg. Co. (Valves, Regulators, etc.), 2651 W Harrison
*Kohler & Liebich (Player Piano Roll Cutting Machinery), 1751 Addison
*Kreiter Louis & Co., 313 S Clinton
*Kroeschell Bros. Ice Machine Co., 472 W Erie
*Kuehl Bros. (Machinists), 1818 Milwaukee av
*Lammert & Mann (Gas & Gasoline Engines, etc.), 221 N Wood
*Lamson Cutter Head Co. (Woodworking Machy.), 30 N Jefferson
*Lang J. Electric Co. (Elec. Machy.), 423 N Lincoln
*Lange Henry G. (Glass Beveling & Coffee Roasting Machinery), 162 N May
*Larsen Ivert (Special Machinery, Dies, etc.), 221 N Elizabeth
*Latham Machinery Co. (Bookbinders' Wire Stitching & Perforating Machines, etc), 1153 Fulton
*Lathey Steel Type Co. (Steel Type, etc.), 325 W Ohio
Laun Machine Co., 715 Root
§Leitelt Bros.
Lennox Machine Co., 2558 W 16th
*Lidseen Gustav (Tools), 224 N Desplaines
†*Limbert & Co., Geo. B.
*Lindahl Henry Machine Co., 954 W Lake
*Lindstrom, Smith Co. (Electric Vibrators, Hair Dryers, etc.), 1104 S Wabash av
*†LINK-BELT CO. (Elevating, Conveying & Power Transmitting Machinery), 39th & Stewart av
See adv index at end of book
*†§Liquid Carbonic Co. (Soda Fountains), 3100 S Kedzie av
*Lovejoy Tool Works (Tools, Jacks, Punches, etc), 319 W Ohio
*McClellan Refrigerating Machine Co., 570 W Adams
*McCord & Co.
†§*McCormick Wks. Blue, 1st & Western avs
*McDonald J., 37 S Clinton
*McDonald Machine Co. (Can Making Machinery, etc.), 3207 Shields av
§*McGuire-Cummings Mfg. Co.
*†Magnus Co. (Brass Founders & Finishers), 80 E Jackson blvd
§Mahoney P. F.
*Makutchan Roller Bearing Co. (Roller Bearings), McCormick Bldg.
*Marchant Geo. F. Co. (Dies, etc.), 1420 S Rockwell
*Marine Iron Works (Paddle Wheel & Marine Machy.), 2036 Dominick
*Marsh Jas. P. & Co. (Steam Gauges, etc.), 118 S Clinton
*Marshall & Huschart Machinery Co., 17 S Jefferson
*Martin & Anson Co. (Air Compressors), 2226 Indiana av
*§Mason Davis & Co. (Scales, Stoves, Castings, etc.), 7740 S Chicago av
*Massey Vise Co. (Vises, etc), 547 Washington blvd
*Mateer F. W. & Co. (Laundry Machinery), 222 W Ontario
*Mechanical Machine & Tool Works, 549 Fulton
*Metal Block & Ingot Co., 2215 Elston av
*Metal Specialties Mfg. Co., 338 N Kedzie av
*Miehle Printing Press & Mfg. Co. (Printing Presses, etc.), 14th & Robey
*Miller Chemical Engine Co., 222 W Huron
*§Milles C. H. Foundry Co. (Iron & Bronze Castings), 2449 W 21st
*§Mills Novelty Co. (Coin Operating Machines), 221 S Green
*Mitchell F. C., 714 S Dearborn
*Monarch Motor Mfg. Co. (Gas & Gasoline Engines), 4636 W Madison
*Monarch Tool & Machinery Co. (Dies, Tools, etc.), 1901 S Western av
*†Monighan Machine Co. (Hoisting Engines, Steam Hammers, Grey Iron Castings, etc.), 2032 Carroll av
*Moore & Co. (Special Machy, Dies, Tools, etc.), 305 W Grand av
*Moore-Master Mfg. Co. (Power Transmission), 320 W Grand av
*Morgan-Gardner Electric Co. (Electric Mining Machinery), 2640 Shields av
*Morkrum Co. (Printing Telegraph Machinery), 24 W Austin
*Moyer Chas. L. & Co., 75 W Van Buren
*Mulvey Chas. Mfg. Co., 1840 Carroll av
*†Munro Daniel (Iron Fdrs.), 433 S Jefferson
*Murray W. B. (Gasoline Engines), N Winchester & Wabansia av
*†National Car Coupler Co. (Car Couplers, Buffers, Steel Platforms, etc.), 332 S Michigan av. Works: Attica, Ind.
*National Iron Works, 5926 S Ashland av
*National Jack & Mfg. Co., 130 S Clinton
*National Laundry Machy. Co., 700 W 22d
*National Machine Works (Brewers' & Maltsters' Machy.), 1559 Sheffield av
*National Malleable Castings Co. (Malleable Iron Castings for R. R., etc), 2610 W 25th pl. (See Cleveland, O.)
*National Sewing Machine Co., 320 W Madison
*National Stamping & Electric Works (Electric & Special Machinery, Dies, Tools, etc), 424 S Clinton
*National Steam Specialty Co. (Steam Gauges, Valves, etc), 16 S Clinton
*Nelson A. Mfg. Co. (Bicycle & Auto Parts), 564 W Randolph
*Nelson & Le Moon (Machinists), 849 N Kedzie av
*†§Newman Mfg. Co., 68 W Washington. *See adv index at end of book*
†Nichol-Straight Fdy. Co.
*Nichols Geo. P. & Bro. (R. R. & Special Mach., etc), Old Colony bldg
*Northwestern Electric Co. (Electrical Repairs), 408 S Hoyne av
†Northwestern Foundry Co., 662 W 12th
*Nye Steam Pump & Machy. Co., 701 N Western av
*Nye Tool & Machine Works (Mechanical & Electrical Machy.), 108 N Jefferson
*O'Leary Arthur J. & Son Co. (Iron & Steel Articles), 65th & S 57th av
*Oliver Typewriter Co. (Typewriters), 159 N Dearborn. Works: Woodstock, Ill.
*Olsen & Tilgner Mfg. Co. (Brewers' & Maltsters' Machinery), 2280 Elston av
*Orton & Steinbrenner Co. (Cranes, etc.), 610 S Dearborn.
*Ostrander-Seymour Co. (Printing Machinery), 7 S Dearborn
*†§Otis Elevator Co., 1501 W 15th
*Paragon Mfg. Co. (Laundry Machinery), 2427 W 14th
†Paragon Metal Co.
*§Paragon Metal Co. (Brass & Bronze Castings, etc), 3050 S Ashland av
*Parmelee Tool Co., 2515 W Monroe
*Partridge Edw. O., 2047 Lake
*§Payson Mfg. Co., 2928 W Jackson blvd
*Peerless Electric Co. (Electrical Repairs), 550 W Harrison
*Pelouze Mfg. Co. (Scales, etc.), 232 E Ohio
*Perkins Chas. Co. (Bookbinders' & Printers' Machinery), 132 S Clinton
*†Perrin Wm. R. & Co. (Power Hydraulic Presses, etc), Old Colony bldg
*†Pettibone, Mulliken & Co. (R. R. Frogs, Crossings, Switches, etc.), 140 S Dearborn
†Phoenix Foundry Co. (Sash Weights, etc.), 1455 S Jefferson
*†Pilsen Foundry & Iron Works, 1530 W 22d
*†Plamondon A. Mfg. Co. (Power Transmitting Machy., etc.), 12 N Clinton
*Plunket Jas. E. (Drill Press, Milling Machine Vises, Gas Engines, etc.), 1342 W Lake
See adv index at end of book
*Pollard Engineering Co. (General Machinists' Punches, Dies & Presses, etc.), 169 N Jefferson
*Pondelick Bros., 215 S. Leavitt
*Pratt Henry Co., 2222 S Halsted
*†§Pratt Wm. E. Mfg. Co. (Malleable Iron Castings, etc.), 35 W Lake, Works: Joliet, Ill.
*Precision Metal Workers, 1443 Carroll av
*†Pridmore Henry E. (Molding Machines), 1901 S Rockwell
*Prince Elevator Co., 231 W Grand av
*Pringle & Brodie (Woodworking Machinery, etc), 514 S Canal
*Printers' Chase & Machine Works (Special Machy.), 159 N Jefferson
*Progress Machine Works (Hydraulic Presses), 512 N La Salle av
§*Pullman Co.
*†§Pullman Co. (Car Builders, etc.), Pullman bld. Works: West Pullman, Chicago.
†§*Pyle-National Elec. Headlight Co.
*†Pyott Foundry Co., 328 N Sangamon
*Quadriga Mfg. & Specialty Co. (Special Machy.), 213 W Grand av
See adv index at end of book
*Railroad Supply Co. (Railroad Specialties), 203 S Dearborn
†*Railway Materials Co.
*§Railway Steel Spring Co., 108th & Watt
*Raymond Bros.' Impact Pulverizer Co. (Brick, Cement, Mining, Paint, Pulverizing, etc), 1319 N Branch
*Rebsamen & Almeroth (Brewers' Machinery), 2324 Elston av
*Rebuilt Typewriter Co. (Typewriters Rebuilt), 138 S Wabash av
*†Reder Foundry Co. (Mach & Builders' Castings), 3536 S Oakley av
*Redington F. B. Co. (Special Machy., Gears, etc), 112 S Sangamon
*†Reedy Foundry Co., 4600 Iowa
*Reichel & Drews (Special Machy.), 559 W Lake
*Reliance Elevator Co. (Elevators, etc), 212 W Austin av
†Rempe Co. (Cast Iron Pipe & Coils), 341 N Sacramento av
*†§Riverside Iron Works, 106th & Buffalo
*†Roos Henry Fdry Co., 1749 Ballow
*Roth Bros. & Co. (Dynamos & Motors & Electric Drivers), 1400 W Adams
*Rouse H. B. & Co. (Printers' Tools, etc.), 2214 Ward
*Rowe Jas. (Book Trimming Machy.), 1058 W Harrison
*§Ryan J. J. & Co. (Brass Founders & Finishers), 104 S Jefferson
*Ryerson Joseph T. & Son, 2558 W 16th *See adv index at end of book*
*Saal H. G. Co. (Dies & Tools), 1810 Montrose
*Sackett H. B. Screen & Chute Co. (Coal Handling Machy., etc), 1691 Elston av
*Sandberg Adolph L. (Sand Forging, etc.), 222 S Clinton
*Sargent E. H. & Co. (Laboratory Apparatus, etc.), 125 W Lake
*Savage Bros. Co. (Confectioners' Machinery), 321 W Austin
*Scaar Frank & Co. (Architectural), 1042 W 11th
*Schindler A. J. Co. (Machinery), 1314 W 21st
*§Schlangen Bros. Co. (Brewers' & Special Machy.), 2435 Irivng Park blvd.
*Schultz A. L. & Son (Power Transmitting Machy.), 1675 Elston av
*Schultz Richard A., 213 Institute
*Schultz Walter L., 6432 Nordica av
*Schureman J. L. Co. (Elec. Specialties), 122 S Michigan av
†Semi-Steel Test Foundry Co., 4916 Bloomingdale av
†*Sheffield Foundry Co. (Iron Fdrs.), Clybourn av & Herndon
*Shone Co. (Ejectors), 231 Institute pl
*Sim Geo., 421 S Clinton
*†Skillin & Richards Mfg. Co. (Grain Elevator Machinery), 4520 Cortland
Skinner N. B. Co. (Steam Specialties & Boring Machines for Electric Wiring), 562 W Washington
*Smallbone Mfg. Co. (Sewing Machine Parts, etc), 1821 Berteau

ILLINOIS—Chicago—continued
§Smeeth-Harwood Co. (Bronze & Copper Castings for Blast Furnaces), 2401 W 22nd
†Smith Chas. Co. (Furnaces, etc.), 57 W Lake
*Smith F. H. Mfg. Co. (Hand & Foot Power Riveting Machines, etc.), 3047 Carroll av
*†§**SMITH F. P. WIRE & IRON WORKS** (Builders' Iron Work & Iron & Bronze Castings), 2340-48 Clybourn av
See adv index at end of book
§Smith Paul, 558 Washington blvd
*Smith & Phillips Mfg. Co. (Woodworking Machinery)., 1008 W Madison
*Smurr & Kamen Machine Co. (Wire Crimping, Cutting & Counting Combined Machines, etc.), 313 North Whipple
*†South Halsted Street Iron Works (Fdrs. & Bldrs.' Iron Work), 2607 S Halsted
*†§Sprague Canning Machy. Co. (Canning Machinery, etc.), 222 N Wabash av
*Stafford Mfg. Co. E. H.
*Standard Car Truck Co. (Car & Locomotive Trucks, etc.), 332 S Michigan av
*Standard Coupler Co., 122 S Michigan
*Standard Diamond Drill Co. (Diamond Core Drills), 38 S Dearborn
*Star Brass Works (Whitewash Machines, Finishers, etc.), 3114 Carroll av
*Staver Carriage Co. (Feed Mills, Carriages, etc.), 76th & Wallace
*Stecher Chas. Co. (Canners' Machy.), 1580 Crossing
§Stewart Mfg. Co.
*§Stewart-Warner Speedometer Corp. (Speedometers, etc.), 1826 Diversey Parkway
§Street & Kent Mfg. Co. (Brass Fdrs., Plumbers' Brass Specialties), 549 Fulton
*Strohm W. A. & Bro. (Bicycles & Novelties), 1612 W Lake
*§Strömberg Motor Devices Co., 68 E 25th
*Strube Machine Works (Machinists. Special Machinery), 337 W 25th
*Sullivan Machinery Co. (Rock & Diamond Drills), Peoples Gas bldg
*Superior Machine & Boiler Works (Machinists), 848 W Superior
†Superior Stove Works (Laundry Stoves), 832 W Superior
*Surerus & Greenhill (Milling Cutters, etc.), 502 W Division
*Swenson Evaporator Co. (Evaporating & Chemical Machy.), 53 W Jackson blvd
†Tarrant Foundry Co. (Iron Fdrs., Light & Heavy Grey Iron Castings, etc), 373 W Grand av
Tarrant Robt. (Marine Engines, etc.), 323 W Illinois
Templeton Kenly & Co. (Ltd.) (Track Jacks, etc), 1020 S Central av
*Thomas Elevator Co. (Hod Hoisting Machinery, etc.), 20 S Hoyne
*Toles W. C. Co. (Special Machinery & Vises), 4034 N Tripp av
*Traub W. F. (Steel Ranges), 912 Montrose av
*Trini A. & Co., 557 W Adams
*Troy Laundry Machinery Co. (Ltd.) (Laundry Machinery), 23d & La Salle
*†Union Foundry Works (Iron Founders & Builders' Iron Works), First Natl. Bank bldg
*Union Special Machine Co. (Sewing Machines), 300 W Kinzie
†Union Stock Yds. Fdy. Co.
*†Union Wire Mattress Co., Blackhawk & Cherry
*U. S. Ball Bearing Mfg. Co. (Ball Bearings), 4535 Palmer
*U. S. Bottlers' Machinery Co., 1033 W Lake
*U. S. Reduction Co.
*U. S. Slicing Machine Co., 189 N Dearborn
*Universal Type Making Machine Co. (Type Casting Machines), 732 Federal
*†Variety Mfg. Co., 2958 Carroll av
*Venn-Severin Machine Co., 1317 W North
*†Vierling Steel Works (Founders & Bldrs.' Iron Work), 23d & Stewart av
*†Vulcan Iron Works (Fdrs. & Machinists Pile Driving Machinery, etc), 327 N Irving av
*Wachs E. H. Co., 1525 Dayton
*Wahl Adding Machine Co. (Adding Machines), 232 E Ohio
*Walsh Press & Die Co. (Presses, Dies, Special Machinery, etc.), 4709 W Kinzie
*Walworth A. O. & Co., 30 S Clinton
*Watling Mfg. Co. (Coin Operating Machines), 1029 W Adams
*Weber Bros. Metal Works, 108 N Jefferson
*Webster Mfg. Co. (Gas, Gasoline & Petroleum Engines), 332 S Michigan av
*§Weir & Craig Mfg. Co. (Steam Specialties, etc.), 2421 Wallace
*†Welch E. J., Fdry. Co. (Brass & Iron Castings, etc.), 24th & Wallace
*†Weller Mfg. Co. (Elevating & Conveying, Grain Elevator, Power Transmitting Machinery, etc.), 1856 N Kostner av
*Wells F. C. (Repairs on Pumps), 101 S Clinton
*Westerlin & Campbell Co. (Refrigerating Machy.), 26 N Clinton
*§Western Brass Mfg. Works (Brass & Bronze Hardware, Plumbers' Brass Goods & Brass & Composition Castings), Marshall blvd & W 21st
†§*Western Elec. Co., 500 S Clinton
†Western Foundry Co. (Iron Fdrs., Soft Grey Iron Castings), 3634 S Kedzie av
*†§Western Steel Car & Foundry Co. (Steel Cars & Castings), Peoples Gas bldg
†*White Brass Castings Co. (Die Moulded Castings), 1656 Austin av
†§*Whiting Foundry Equipment Co. (Fdy. Equipment, Electric Cranes, etc.), 157th & Halsted
*Whiting Geo. Co. (Punching & Shearing Machy.), 1719 Elston av
*Wilcor Mfg. Co. (Spinning Lathes, etc.), 4824 W Lake
*Willard Sons & Bell Co. (Steam Forging & Machinists), 3044 98th
*Williams-Anderson Machinery Co., 569 W Van Buren
§*Wilson H'dwe. Mfg. Co., 1150 S Western av
*†§Winslow Bros. Co. (Ornamental), 4600 W Harrison
*Wirebounds Corp., 111 W Washington
*Wold Torris & Co. (Canners' & Special & Experimental Machy. & Models), 240 N Ashland av
*†§Wolff L. Mfg. Co. (Iron & Brass Fdrs., Plumbers' Supplies, Cast Iron Pipe & Plumbers' Brass Goods, etc.), 111 N Dearborn
*Wood Morris & Son (Moulding & Carving Machines), 5108 W Lake
*Woodlawn Repair Co., 6132 Cottage Grove av
*Woods Motor Vehicle Co., 2500 Cottage Grove av
*Wrigley Thos. Co. (Printing Presses & Special Machinery), 504 Sherman
Yeomans Bros. Co. (Electric Pumping Machy.), 231 Institute pl
*Zoeller Wm. Co (Machinist), 325 N Curtis

CHICAGO HEIGHTS—*†Allen Edgar
American Manganese Steel Co.
*Ayer Fred H. Mfg. Co. (Electrical Appliances, etc.)
*†Canedy-Otto Mfg. Co. (Anvils, Vises, Forges, Blowers, Drills, etc.)
†§*Chalmers & Williams
*Funk Bros. Mfg. Co. (Miners' Tools & Supplies, etc.)
*Inland Steel Co. (See Chicago, Ill.)
*Kennicott Co. (Water Softeners, etc.), 134 S Lasalle
†King & Andrews Co.
†McDowell Fdry. Co. (Iron Founders, etc.)
*Morden Frog & Crossing Works (See Chicago, Ill.)
*†Quaker Mfg. Co.
†*Temple Mfg.
*Van Doren Mfg. Co. (Tool Holders, etc.)
*Wood, Smith & Co. (Carriage & Wagon Axles, etc.)

CHILLICOTHE—*Slinn H. H.
CICERO—*Coonley Mfg. Co. (Tinware Mfrs., etc.)
†Crown Stove Works. Office: Chicago, Ill.
CISSNA PARK—†Gerard Michael
CLAYTON—*†Birkett A. S.
COBDEN—*Ede G. A. (Machinist)
COLLINSVILLE—*†Bernhardt, Niehaus & Co.
*†Blum Mfg. Co. (Stock Bells, etc.)
CONCORD—*Rayborn J. J.
COULTERVILLE—*†§Bouas E. & Sons
DANVILLE — *Allith-Prouty Co. (Door Hangers, etc.)
Chesley Bros. (Boiler Repairs)
Chesley J. L. (Boiler Repairs)
*†§Danville Foundry & Machine Co. (Brass & Iron Castings, Mine Car Wheels, etc.)
†Danville Malleable Iron Co.
*Fairhall Joseph Jr.
*Holmes Robert & Bros. (Mine Hoists, etc.)
*Scherer Machine Co.
DECATUR — *Beall Improvement Co. (Flour Mill Machy.)
*Bold, Wm. M. (Machinist)
*Brett Wm. P. (Machinist)
*Chambers, Bering, Quinlan Co. (Agricultural Implements)
*Curtis Truck & Forging Co. (See Chicago, Ill.
†Decatur Fdry. Co. (Grey Iron Castings)
*§Faries Mfg. Co.
*Hartley C. J. Co. (See Peoria, Ill.)
*§Mueller H. Mfg. Co. (Drilling & Tapping Machines, Water, Plumbing & Gas Brass Goods)
*Oakes W. L.
*Specialty Mfg. Co. (Pencil Sharpeners)
*†Stevens Mfg. & Foundry Co. (Agr'l Implements & Iron Castings)
*†Union Iron Works (Grain Cleaning, Power Transmitting & Flour Mill Machy., etc)
DE KALB—*†Haish Jacob Co. (Barb Wire & Agricultural Implements)
*Kohler Die & Specialty Co. (Tools, Dies, Presses, Special Machy., etc.)
*†Standard Foundry & Mfg. Co.
DES PLAINES—†*Garland Mfg. Co.
DIXON—†Grand Detour Plow Co. (Agr'l Implts., Plows, etc.)
DOWNERS GROVE — *Dicke Tool Co. (Linemen's Construction Tools, etc.)
*§Hawkins H. J.
DU QUOIN—*†Blakeslee Mfg. Co. (Steam Pumps, etc.)
EAST CHICAGO—§*Edward Valve & Mfg. Co.
EAST MOLINE—*†Marseilles Co. (Agricultural Implements, etc.)
*†§Moline Scale Co.
*†Root & Van Der Voort Engineering Co. (Gas & Gasoline Engines, etc.)
†§Union Malleable Iron Co. (Malleable Castings)
EAST ST. LOUIS—*†American Pulverizer Co. (Pulverizing Machinery, etc.)
*†American Steel Foundries
*Elliott Frog & Switch Co. (Frogs, Switches. Railroad Specialties, etc.), 301 S Main
*†Excelsior Tool & Machine Co. (Punches, Shears, Castings, etc.), 32nd & Ridge
*Missouri Bridge & Iron Co.
*†Missouri Malleable Iron Co. (Malleable Iron Castings)
*Railway Steel Spring Co.
*St. Louis Bed & Mfg. Co. (Iron & Brass Beds)
EDWARDSVILLE — *Bernhardt Manufg. Co. (Agricl. Implts.)
*Desmond M. Mfg. Co. (Steel Trucks & Cars)
*§Edwardsville Brass Co. (Brass Fdrs. & Plumbers' Brass Goods)
§Leclaire Mfg. Co. (Plumbers Supplies)
†*U. S. Radiator Corp.
EFFINGHAM—*Alt Fred
ELGIN—*Elgin Brass & Electrical Mfg. Co.
†§Elgin Brass Fdy. Co.
*Elgin Gas Engine & Machine Co.
*†Elgin Manufg. Co. (Condensed Milk Machy.)
*Elgin Metal Novelty Co. (Piano Players' Hardware & Fine Machinery)
*Elgin National Watch Co. (Watches & Metal Cases)

*Elgin Tool Works (Special Machy.)
*Elgin Wheel & Engine Co. ("Redemotors" Small Gasoline Engines)
*Elgin Wind Power & Pump Co.
*§Moody Chas. J.
*Moseley Lathe Co. (Bench Lathes)
*†Woodruff & Edwards Co. (Coffee Mills & Grey Iron Castings, etc.)

EVANSTON — *†Comstock A. S. (Air Pumps, Gas Forges, etc.)
*§Mark Mfg. Co. (Artesian & Tubular Well Specialties, etc.)
*Symons Bros Co.

FAIRFIELD—*Heidinger Frank (Machinist)

FILLMORE—*Whitten & Ludewick

FRANKLIN PARK — *Franklin Park Foundry Co. (Malleable Iron Fdrs.)

FREEPORT—*†§Arcade Mfg. Co. (Molding Machines, etc.)
*Bloom-Burns Manufg. Co. (Manure Spreaders)
§Freeport Brass Foundry
*Freeport Gas Machine Co. (Gas Engines, etc.)
*Freeport Motor Co. (Jobbing)
*Hoefer Mfg. Co. (Machine Tools, etc.)
*Jastram Fred'k (Gasoline)
*Peerless Machine Works (Faucets & Bungs, etc.)
*†Rawleigh W. T. Co. (Gasoline Engines, Grey Iron Castings, Windmills, etc.)
†*Rawleigh Mfg. Co.
*Schofield & Co. (Potato Planters, etc.)
*Severence Gas Machine Co. (Gas Machines)
*†Stover Engine Wks. (Gasoline Engines, Castings, etc.)
†§*Stover Mfg. & Engine Co.
*†§Stover Mfg. Co. (Windmills, Pumps & Light Grey Iron Castings, etc.)
*†§Ulfers, Holtum Mfg. Co.
*†Woodmanse Mfg. Co. (Pumping & Power Steel & Wooden Windmills & Iron & Brass Fdrs.)

FULTON—†Chicago Stove & Range Co.
†Mississippi Valley Stove Wks. (Stoves, etc.)

GALENA—*†§Galena Iron Works Corp. (Iron Founders & Mining Machinery, etc.)
*†Westwick Jno. & Son (Iron Fdrs., Steam Engines, Furnaces, etc.)

GALESBURG—†Frost Mfg. Co. (Steam Engines, Boilers, Dry Pans, etc.)
*†Galesburg Machine Works (Grey Iron Castings & Jobbing Machinists)
†Galesburg Malleable Castings Co. (Grey Iron & Malleable Iron Castings)
*Galesburg Writing Machine Co. (Typewriters, Adjustaphones, etc.)
*May Bros. (Windmills, etc.)
*Robson Manufg. Co. (Automobile Parts)
†Shaw, Welsh & Co.
*†§Walton-Van Huffel Mfg. Co. (Grey Iron Castings & Jobbing Machinists)
*†§Wenzelman Mfg. Co. (Farm Elevators & Wagon Dumps)

GALVA—*Galva Heater Co. (Steam Heaters & Corn Planters)
†§Hayes Pump & Planter Co. (Pumps, Cultivators, Planters, etc.)
*†Wistrand Mfg. Co. (Pumps, Corn Planters, etc.)

GENEVA—*Burgess & Norton Mfg. Co. (Hdw. Specialties, Ball Bearing Axles, etc.)
†Geneva Fdy. & Mach. Co.
*†Howell W. H. Co. (Sad Irons, etc)

GIBSON CITY—*†Gibson Iron Works (Radiators & Iron Fdrs.)

GRAFTON—*Rippley Mfg. & Steel Boat Co. (Steam Feed Cookers, Sprayers & Metal Boats)

GRANITE CITY—*†American Steel Foundries (Steel Cars, Trucks & Castings). (See Chicago, Ill.)
*†Commonwealth Steel Co. (Steel Castings, Car Trucks, etc.). (See St. Louis, Mo.
*Hoyt Metal Co.
*National Enameling & Stamping Co. (See New York City)

GREENVILLE—*Kruger Philip J. (Machinist)

HARRISBURG—†§*Harrisburg Fdy. & Mach. Shop

HARVEY—*American Stove Co. (of St. Louis) (Stoves, Steel Ranges, etc.)
*Austin Mfg. Co. (See Chicago)
*Bliss & Laughlin (Key Seating & Shafting)
*†§Buda Co. (See Chicago)
*†§Calumet Foundry Equipment Co. (Fdry. Equipment)
*Chicago Steel Car Co.
*†Dee Wm. E. Co. (Sewer Pipes)
*Hotchkiss, Blue & Co. (See Chicago, Ill.)
†*Hunt, Helm, Ferris & Co.
†Koch Bros.
*§Pettigrew Foundry Co. (Iron Castings, Machinists' Pattern Makers)
*Strang Engine Co. (Gas, Gasoline & Kerosene Engines)

HAVANA—*Crescent Forge & Shovel Co. (Shovels, etc.)
*†§Havana Mfg. Co. (Gas Engines, etc.)
†Havana Metal Wheel Co. (Metal Wheels, etc.)
*Perkins Bros. (Gas Engines, etc.)

HIGHLAND—Lentwiller Bros. (Machinists)

HINCKLEY—*Davis L. E.

HOOPESTON—*Green John & Sons (Jobbing)
*†§Sprague Canning Machinery Co.
†§Vermilion Malleable Iron Co.

JACKSONVILLE—†§Bambrook A. W.
*Illinois Steel Bridge Co.
†§*Jacksonville Fdy. Co.
*Kellogg Bros. & Co. (Machinists)

JOLIET—*†§Bates Machine Co. (Steam Engines & Wire Mill Machy., etc.)
*†Buckeye Engine & Foundry Co. (Gas & Gasoline Engines, etc.)
*†Champion Machinery Co. (Bakers' Machinery, etc.)
*Ditto G. M. (Agrl. Implements)
*Hardy Wallace L. (Machinist)
*†Humphrey & Sons (Wire Mill Machinery)
*†§Illinois Steel Co. (See Chicago)
†Joliet Fdy. Co.
*†Joliet Mfg. Co. (Corn Shellers, etc.)
*Moore Bros. Co. (Stoves, etc.)
*†§Pratt Wm. E. Mfg. Co. (See Chicago)
*Van Fleet Mfg. Co.

KANKAKEE—*†§Beaumont Valve & Hydrant Works (Valves, Hydrants, etc.)
†Kankakee Foundry Co.
*Pratt Edwin & Sons
*Soper Geo. E.
*Tait Mfg. Co. (Machinery, etc.)

KEWANEE—*Demmier Wm. & Bro. (Fdry. Plant Machinery, etc.)
†*Kewanee Boiler Wks.
*Kewanee Private Utilities Co. (Gasoline Engines), West Side
*†§Peters Pump Co. (Agrl. Implts., Pumps, etc.)

LADD—*Erickson Andrew L.

LA GRANGE—†La Grange Fdy. Co.

LA SALLE—*La Salle Machine & Tool Co. (Surface Grinders)
*Western Clock Mfg. Co. (Clock Mfrs., etc.)

LEMONT—*§Illinois Pure Aluminum Co.

LEROY—*Jones Chas. D. (Machine)
†§*Myers C. H.

LIBERTYVILLE—*Laycock W. Co. (Engines, etc.)

LINCOLN—*†Iles Edw.
*Mohn H. (Machinist)

LITCHFIELD—*†American Radiator Co. (See Chicago)
*†Litchfield Fdry. & Machine Co. (Machinery & Grey Iron Castings)

LOCKPORT—*§Barrows Lock Co.

McHENRY—*Engeln M. & Son

MACOMB—*†Fisher A. (Fdry. & Machinist)

MADISON—*†§American Car & Foundry Co. (See St. Louis, Mo.)

MARENGO—*†Marengo Foundry & Machine Co. (Gas Engines, etc.)

MAROA—*Maroa Mfg. Co. (Agrl. Implts., Car Loaders, etc.)

MARSEILLES—*Goodell J. H. & Son
*Marseilles Harrow Mfg Co. (Harrows, etc.)
*†O'Neil T. L. (Agricultural Implements, etc.)

MARTINSVILLE—*Rowe M. A. (Machinist)

MASCOUTAH — *Schnebelin Fred (Jobbing)

MATTOON—*†Chuse Engine & Mfg. Co. (Engines, Fdrs., Machinists, etc.)
*Clark H. W. Co. (Meter Boxes & Water Appliances)
*Thatcher Bros.

MELROSE PARK — †National Malleable Castings Co. (See Cleveland, O.)
†*Am. Brake Shoe & Fdry. Co.

MENDOTA—*Black Bros. Machinery Co.
*†§Mendota Mfg. & Transfer Co.
*Tower J. D. & Sons Co. (Agrl. Implements)

MOLINE—*†Barnard & Leas Mfg. Co. (Flour Mill & Grain Elevator Machinery)
*Borg & Beck Co. (Woodworking Machinery)
*†Cooper H. W. Saddlery Hdw. Mfg. Co. (Malleable Iron Castings)
*†Deere & Co. (Agrl. Implts.)
*†Deere & Co. (Agrl. Implt. Mfrs.)
*†Moline Foundry Co. (Grey Iron Castings)
*†Moline Plow Co. (Agrl. Implements, Plows, etc.)
*†Moline Tool Co. (Gang Drills)
*Montgomery Elevator Co. (Elevators)
*§Schmidt Joseph (Brass Fdry.)
*Sechler D. M. Implement & Carriage Co.
*§Western Pattern & Mfg. Co.
*†Williams, White & Co. (Heavy Machy.)

MONMOUTH—*†Maple City Foundry & Furnace Co. (Grey Iron Castings, Furnaces, etc.)
*Milne Mfg. Co. (Stump Pullers, etc.)
*Monmouth Plow Factory (Plows, Cultivators, Harrows)
*†§Pattee Plow Co. (Agrl. Implts., Plows, etc.)

MORRIS — *†§Coleman Hardware Co. (Door Hangers, etc.)
†Ill. Fdy. & Specialty Co.

MORRISON—*Illinois Refrigerator Co.
†Summit Stove Wks.

MOUNT VERNON—*†Mount Vernon Car Mfg. Co. (Car Builders, Car Wheels, Castings, etc.)

MURPHYSBORO—*†§Egyptian Iron Wks. (Iron & Brass Castings, Mine Cars, etc)

NAPERVILLE—*Goetsch & Son (Plows, etc.)

NEW ATHENS — *†Auto Stove Works (Stoves, etc.)
§*Biever Mfg. Co.

NORTH AURORA—§*Biever Mfg. Co.
†Sperry D. R. & Co. (Filter Presses, Evaporators, Vacuum Pans, etc.)

NORTH CHICAGO—*†§Chicago Hardware Fdry. Co. (Light Grey Iron, Brass & Aluminum Castings, etc., Gas Engines, etc.)
†North Chicago Brass Wks.
*North Chicago Machine Co. (Gas Engines, etc.)

O'FALLON—*†§Willard Wm. G. (See St. Louis, Mo.)

OAK PARK—*U. S. Ball Bearing Mfg. Co. (Ball Bearings)

OREGON—*American Lock Nut & Tool Co. (Lock Nuts, etc.)
†Paragon Fdry. Co.

OTTAWA—*†§Knowles W. M. Foundry & Machine Co. (Builders' Iron Work & Castings)
*†§Porter J. E. Co. (Stable Fittings)
*Stewart Bros. (Testing Instruments)

PANA—*Progressive Mercantile & Mfg. Co. (Machinery Dies, etc.)

PARIS — *§McGuire-Cummings Mfg. Co. (See Chicago)
*†Reese F. W.
*Robertson J. L. Machine Co.

PEKIN—*†§Duisdieker Fdry. & Mfg. Co. (Machinists & Iron Fdrs.)
*Pekin Engine & Machine Works
*Pekin Wagon Co. (Wagons, etc.)

PEORIA—*†§Acme Harvesting Machine Co. (Agrl. Implts.)
*Armstrong Jas. C. Machine & Fdry Co. (Gears, Pinions, etc.)
†*Avery Co.
*†Bartholomew Co. (Coffee & Peanut Roasting Machines
*Black-Woods Mfg. Co.
*§Brass Foundry Co. (Brass Fdrs. & Machinists)
*Central Brass Stamping Co.
†*Cutler & Proctor Stove Co.
*Electrical Testing Co. (Repair Meters, etc.)
Fischbach Manufg. Co. (Gasoline Engines)
*Hagerty Bros. Co.
*†Hart Foundry Co.
*Hart Grain Weigher Co. (Grain Weighers, etc.)
*Hartley C. J. Co. (Pumps) Works: Decatur, Ill.

CHICAGO—Peoria—continued
*Herschel R. Mfg. Co. (Agrl. Implts.)
*†Holt Mfg. Co. (Caterpillar Tractors & Harvesters & Engine Machy.)
*Illinois Electric Mfg. Co.
*§Illinois Pump & Brass Co. (Lifts & Pumps, etc.)
*King Light Co. (Gasoline Lamps, Stoves, etc.)
*§Kinsey & Mahler Co. (Steam Specialties & Plumbers' Brass Goods.
*Kramer Automatic Tamper Co. (Concrete Tampers, etc.)
†Lucas A. & Sons Co., 1329 S Washington
*Meyer Furnace Co.
*†Nichols & Stepard Co. (See Battle Creek, Mich.
*Oltmanns, Schmidt & Co. (Ornamental Iron Work, etc.)
*Peoria Coal Drill Works (Coal Drills)
*†Peoria Drill & Seeder Co. (Agrl. Implts.)
†Peoria Foundry Co., (Iron Fdrs, Bldrs' Grey Castings, etc.)
*Pfundstein S. Tool Works (Stone Cutters' Tools, etc.)
*Schneider & Metzger (Machinists)
*Seater Manufg. Co. (Seeders)
*Smith E. M. & Co.
*Tichenor F. C. Gear Works (Gears & Pinions, etc.)
PERU—*†Brunner Foundry & Machine Co. (Gas Engines, Scales & Castings)
*Peru Plow & Wheel Co. (Agrl. Implts., Plows, etc.)
PLANO—†*Independent Harvester Co.
PONTIAC—*Meadows Mfg. Co. (Agricultural Implts, Washing Machines, etc.)
*†Spartan Mfg. Co. (Grey Iron Castings, Feed Mills, etc.)
PRINCETON—*Evans & Coppins Co. (Ball Bearing Axles, etc.)
PROPHETSTOWN—*Eclipse Lawn Mower Co. (Lawn Mowers, etc.)
QUINCY—*Berghofer—Mitchell Co. (Steel Ranges)
*†§Bush Foundry & Metal Wheel Co. (Metal Wheels & Castings)
†Channon-Emery Stove Co. (Stoves, etc.)
*Clough Concrete Construction Co. (Concrete Machinery)
*Collins Plow Co. (Agricultural Implts.)
†Comstock-Castle Stove Co. (Stoves & Ranges)
†*Dayton-Dick Co.
*†ELECTRIC WHEEL CO. (Metal Wheels, Cars, Carts, etc), Station D
See adv index at end of book
*Empire Mfg. Co. (Metal Wheels)
*Ertel Geo. Co. (Hay Presses, etc.)
*†Excelsior Stove & Mfg. Co. (Stoves, Ranges & Furnaces)
*†§Gardner Governor Co. (Air Compressors, Steam Pumps, etc.), 14 Williamson
†§Gem City Stove Mfg. Co. (Stoves, Heaters & Furnaces)
*†Hayton Pump Co. (Centrifugal Pumps, etc.)
*Hollister-Whitney Co. (Elevators, etc.)
†La Grange Foundry Co. (Castings)
†Lahan Stove & Mfg. Co. (Stoves, etc.)
*†Little J. R. Metal Wheel Co. (Steel Wheels for All Purposes)
*†Modern Iron Works (Plumbers' Cast Iron & Brass Specialties, etc.)
*†Otis Elevator Co.
†§Quincy Casting Co.
*Quincy Elevator Gate Co. (Elevator Gates, etc.)
†Quincy Foundry & Novelty Co. Stoves, etc.)
*Quincy Motor Co. (Gasoline Engines)
†§Quincy Stove Co. (Stoves)
†§Reese W. J., Brass Fdy. Co.
†Sheridan Stove Mfg. (Stoves, etc.)
*Travilla M. (Stoves, etc.)
*§Van Doorn Co. (Ornamental Iron & Brass Work & Brass Castings)
†White Thos. Stove Co. (Stoves)
*Wiebmer Anton (Jobbing)
†Wurst C. H. Co. (Stoves)
ROCHELLE—†Whitcomb Geo. D. Co. (Mining Mach'y, Stopcock Valves, etc.)
ROCK FALLS—*Eureka Co. (Working Machines)
*†Sterling Mfg. Co. (See Sterling, Ill.)
*Superior Machine Co. (Washing Machines)
*Ulrich Mfg. Co.
ROCKFORD—*Atwood Vacuum Cleaner Co. (Vacuum Cleaners)
*†Barnes Drill Co. (Machine Tools)
*†Barnes W. F. & Jno. Co. (Mach. Tools & Woodworking Mach'y)
*Billstrom Nels J. (Gluing Clamp Corners, etc.)
*Burson Manufg. Co. (Knitting Machines)
*Dickenson H. G. (Jobbing Machinist)
†*Dobson Mfg. Co.
*§Eclipse Gas Stove Co. (Gas Stoves & Ranges)
*†§Emerson-Brantingham Co. (Agrl. Implts., Mowers, Plows, Cultivators, Traction Engines, etc.)
*Ford Mfg. Co. (Agricl. Implts.)
*Forest City Bit & Tool Co. (Boring Tools, etc.)
*Forest City Machine Co. (Jobbing)
*†Free Sewing Machine Co. (Sewing Machinery.) (See Chicago, Ill.)
*†Greenlee Bros. & Co. (Woodworking Mch'y)
*Houston Mfg. Co. (Vacuum Cleaners)
*Ingersoll Milling Machine Co. (Mach. Tools)
*Jackson Mfg. Co. (Washing Machines)
*†Love M. A. Mfg. Co. (Pumps, Castings, etc.)
*Marsh H. C. Co. (mitre boxes)
*Mechanics Machine Co. (Drill Presses)
*National Lock Co.
*Peerless Machine Co. (Drilling Machines)
*Redin, Ekstrom & Co. (Piano Action Machinery, etc.)
Redin Jno. E. (Cutter Heads, etc.)
*§Rockford Brass Works (Plumbers' Brass Goods, etc.)
*†Rockford Drilling Machine Co.
*†Rockford Iron Works (Power Presses)
*Rockford Lathe & Drill Co. (Machine Tools)
*Rockford Machine Tool Co. (Machine Tools, etc.)
*†§Rockford Malleable Iron Works Inc.) (Malleable Iron & Air Furnace Castings)
*†Rockford Mfg. Co. (Agrl. Implts., Plows, Harrows, etc.)
*Rockford Milling Machine Co. (Hand Milling Machines)
*Rockford Tool Co. (Machine Tools)
*Rockford Watch Co. (Watches, etc.)
†*Rock Island Plow Co.
*Savage & Love Co. (Jobbing, etc.)
*Star Bit & Tool Co. (Wood Boring Tools, etc
†Tolleson T. E. Fdy. Co.
*†Trahern Pump Co. (Pump, Castings, etc.)
*†Union Foundry & Machine Co. (Grey. Iron Castings, etc.)
*†§Ward Pump Co. (Pumps, Castings, etc.)
*Whitacre-Goshert Mfg. Co. (Gas Machines, etc.)
*Woodward Governor Co. (Water Wheels, etc.)
ROCK ISLAND—*†§Blake Specialty Co.
*Bliesener W. J. (Dies & Tools)
§Blake Specialty Co. (Plumbers Supplies)
*Davis Machine Shop
*Electric Construction & Machinery Co.
*Gearless Automatic Pump Co.
*Griswold Manufg. Co. (Slot Machines)
*†Rock Island Mfg. Co. (Grey Iron Castings, Bench Vises, etc.)
§Rock Island Metal Foundry (Aluminum, Automobile, Brass & Bronze Castings), 585 51st
†§Rock Island Stove Co. (Stove Mfrs.)
*†§U. S. Arsenal (Fdry. Dept.)
ST. CHARLES—*§Crown Electrical Mfg. Co. (Chandeliers, Bicycle Chains, etc.)
*Faultless Iron Works (Steel Ranges, etc.)
*†§Glenn Fred E. (Cast Iron Soil Pipe & Plumbers Iron & Brass Specialties)
†Moline Malleable Iron Co.
*St. Charles Specialty Mfg. Co. (Auto Jacks & Special Machinery)
SALEM—*Merz N & Son
SANDORAL—†§Sandoral Brass & Iron Wks.
SANDWICH—*Hinman D. A. & Co. (Angle Benders, etc.)
†§*Sandwich Mfg. Co.
*†Sandwich Mfg. Co. (Agrl Implts, Harvesters, Mowers, etc.)
SAVANNA—*Oyster L. A. (Agrl. Implts.)
SHAWNEETOWN—*†§Quick James W.
SHELBYVILLE—*Sturgis W. B. & Sons (Plows, etc.)
SIDELL—*Cross & Parham
SPARTA—*Little Giant Punch & Shear Co.
*Sproul Matt Co. (Punches, Shears, etc.)
SPRINGFIELD—*Ansell Oscar (Machinist)
*Bisch Geo. F. (Stoves)
*Bleser Jacob (Machinist)
*†§Fetzer & Co. (Agl. Implts., etc)
†§* Fetzer Wm. Co.
*Haas R. Electric & Mfg. Co. (Electrical Supplies, etc.)
*†Ide A. L. & Sons (Steam Engines, etc.)
*Illinois Watch Co. (Watches, etc.)
*Lourie Mfg. Co. (Tire Setters)
*Mussillon J. A. & Bro.
*Otto & Scherf
*Racine-Sattley Co. (Agricultural Implts., etc.)
*Sangamon Electric Co. (Meters)
†*Springfield Boiler & Mfg. Co.
†Springfield Boiler Co. (Dredging Machy.)
*Weaver Mfg. Co. (Tools, Chucks, etc.)
STERLING—*Bauder E (Machinist)
*†Charter Gas Engine Co. (Gas Engines)
*Lawrence Bros. (Door Hangers, etc.)
*Meister & Cochran (Radiators, etc.)
*National Mfg. Co. (Door Hangers)
*†Novelty Iron Works (Grey Iron Castings, Fountains, etc.)
*Platt Addison J.
*†Sterling Foundry Co. (Castings)
*†§Sterling Mfg. Co. (Agrl. Implts.)
Superior Machine Co. (Washing Machines)
STREATOR—*G. & D. Mfg. Co. (Portable Grain Elevators, etc.)
*Graves L. L. (Jobbing)
*†Patch S. B. & Sons Co.
*Press Wells H. Co. (Washing Machines)
SYCAMORE—§*Brass Wk.
TAYLORVILLE—*Baughman S. E. & Sons (Agricultural Implements)
*Hollis N. F. (Machinist)
TINLEY PARK—*Boldt George
TRENTON—*Leutwiler J H
URBANA—*†§Leavitt Mfg. Co. (Gasoline Engines, Cement Tile Machines, etc.)
VANDALIA—*†Craycroft & Son, (Brick Machinery & Fdry.)
VAN ORIN—*Zimmerlein N (Pumps etc.)
VERMILION—*Downing T. D.
WATSEKA—*†§Henderson & Son
WAUKEGAN—*†American Steel & Wire Co. (See Chicago, Ill.)
*Chicago Recording Scale Co. (Piano Motors, Novelties, etc.)
*Nelson N.
*§Northern Brass Mfg. Co. (Plumbers Brass Goods)
WEST CHICAGO—*†Union Tool Co. (Oil & Gas Well Machinery & Tools)
WINTHROP HARBOR—*Willard Chas. P. & Co. (Marine Engines, etc.)
WOODSTOCK—*Abbott C. T.
*Griebel E. G. (Machinists)
*§Oliver Typewriter Co. (See Chicago)
XENIA—*Pierce Jno. A. (Machinist)

INDIANA.

ALEXANDRIA—*Reeves James M. (Agricultural Implts.)
ANDERSON—*Anderson Computing Scale Co. (Computing Scales, etc)
*†§Anderson Foundry & Machine Works (Tin & Brick Machinery & Castings)
Arvac Mfg. Co. (Electric Motors, etc)

*Buckeye Mfg. Co. (Gasoline Engines)
*Dice Machine Co. (Gasoline Engines)
*†§Hill-Tripp Pump Co. (Pump Mfrs.)
†§Ideal Mfg. & Supply Co.
*§Lambert Gas & Gasoline Engine Co.
†§Lavelle Foundry Co. (Brass Fdrs.)
*Pierce Governor Co.
*Reliable Machine Co. (Gas Engines)
*Remy Electric Co. (Starting, Lighting & Ignition Equipment)
*Reynolds Gas Regulator Co. (Gas Regulators)
†*Standard Plating & Brass Fdry.
*†Star Foundry & Machine Works
§*Union Traction Co. of Ind.

ATTICA—§*Brosche & Kenlay, 20th Century Injector & Supply
†National Car Coupler Co. (See Chicago, Ill.

AUBURN—*†Auburn Foundry (Small Iron Castings)
*Auburn Machine & Auto Garage (Repairs, etc.)
*Standard Mfg. Co. (Cigar Lighters, Cheese Cutters, etc.)

AURORA—*†Aurora Tool Works (Upright Drill Presses, etc.)
*Cheek M. B.
*Stamm Machine Works (Barrel Mach'y)
*†Stedman's Foundry & Machine Works (Crushing & Pulverizing Machinery)

BATESVILLE—*Schott Wm. Machine Shop

BEECH GROVE—†*Shirley Radiator & Fdy. Co.

BEDFORD—*†§Bedford Fdry. & Machine Co. (Derricks, Stone Machy., Brass & Iron Fdrs., etc.)

BERNE—*Moser A. J. & Co.

BLOOMFIELD—*†Bloomfield Mfg. Co.
*Star Jack Co. (Jacks, etc.)
Union Jack Co. (Jacks, etc.)

BLOOMINGTON—*Fletcher, E. R.
*†§Seward & Co.

BLUFFTON—*†§Grimes Geo. W. Co. (Engines, etc.)
*†Red Cross Mfg. Co. (Oil Well Mach'y)

BRAZIL—†*Brazil Mach. & Fdry. Co.
*†§Crawford & McCrimmon Co. (Machinists' & Founders' Clay Working & Wire Fence Machinery, etc.)
*†§Knight-Brinckerhoff Piano Co.
*†§Shaw Wm. M. Co. (Machinists)
*Wood Turret Machine Co. (Machine Tools, etc.)

BREMEN—†*Am. Radiator Co.
*May William (Machinist)

BUTLER—*†Butler Co. (Windmills, Wind Engines, Pumps, etc.)

CAMBRIDGE CITY—*†Bertsch & Co. (Punching & Shearing, Mach'y, etc.)
†Lehman Mfg. Co.
*National Drill Co. (Cultivators, Grain Drills, etc.)

CANNELTON—*†Cannelton Iron Works
†§Oglesby Furnace Stove Co.

CLINTON—*Shattuck R. P.

COLUMBIA CITY—Magley Bros.

COLUMBUS—*†§Caldwell & Drake Iron Works (Iron Fdrs. & Bldrs. Iron Work)
†Columbus Fdy. Co.
*†§Emerson-Brantingham Co. (See Rockford, Ill.)
*Keller C. M. (Coke Crushers)
*Reeves Pulley Co. (Power Transmission Machinery)

CONNERSVILLE—*†Connersville Blower Co. (Pumps, Rotary Blowers, etc.)
See adv index at end of book
*†Connersville Blower Co. (Pumps, Rotary Blowers, etc.)
†Hoosier Castings Co.
*Indiana Lamp Co. (Auto Lamps)
*†§Roots P. H. & F. M. Co. (Pumps, Rotary Blowers, etc.)
Standard Parts Co. (Carriage & Wagon Axles & Springs, etc.)
*§Stant Geo. Machine Works (Brass & Bronze Castings)
*Twentieth Century Mixer Co. (Concrete Mixers)
*United Vacuum Appliance Co. (Vacuum Cleaners)
*Wainwright W. W. & Son

CONVERSE—*†Fink Alexander W.

CRAWFORDSVILLE—*Birch & Birch (Speed Drills, Mach. Box Machinery, etc.)
*Crawfordsville Wire & Nail Co.
*†Lyle & Reynolds

CROWN POINT—†§*Letz Mfg. Co.

DECATUR—*†§Decatur Fdry. Furnace & Machine Co.
†*Famous Mfg. Co.

DUBLIN—*Morgan E. S. (Machinist)

DYER—*Batterman Henry C.

EAST CHICAGO—*†Famous Mfg. Co. (Hay Presses & Gasoline Engines)
*Graver Wm. Tank Works
*†Green Engineering Co. (Mechanical Stokers, Castings, etc.)
†*Hubbard Steel Casting Co.
†Hubbard Steel Foundry Co. (Steel Castings, etc.)
*†Limbert Geo B. & Co.
*Locomotive Super Heater Co.
*U. S. Reduction Co.

EAST GARY—†§*Gary Fdry. & Mach. Co.

ELKHART—*Angldile Computing Scale Co. (Scales)
*Briggs Magneto Co.
§*Buescher Band Instrument Co.
†§Chicago Telephone Supply Co. (Telephone Supplies)
†*Concord Fdy. Co.
§Conn Chas. G., Ltd. (Orchestra & Band Instruments)
*Davis Acetylene Co. (Gas Machines, etc.)
*§Elkhart Brass Mfg. Co. (Brass Goods for Fire Departments, Plumbers, etc.)
*Elkhart Bridge & Iron Co.
*†§Elkhart Foundry & Machine Co.
*Elkhart Iron Works (Grey Iron Castings)
*Foster Machine Co. (Turret Lathes)
*Keene Bros. Machine Co.
*Kuhlman Elec. Co. (Electrical Specialties)
*†L. S. & M. S. Ry. Shops.
*Lorbough-Jordan Tool & Machine Co. (Special Machinery, Dies, etc)
§Northern Indiana Brass Foundry Co. (Brass Castings)
*Noyes Carriage Co. (Agrl. Implts. & Carriages)
Sevison Electric Co.
*Strubler Computing Scale Co. (Computing Scales)
*Waterson J. C.
§Williams S. W.

ELWOOD—*†Dawson Chas W. (Machinist & Founder)
*†Elwood Iron Works Co. (Oil Engines, Grey Iron Castings, etc.)
*Elwood Lawn Mower Mfg. Co. (Lawn Mowers)
*Krebs Emil (Glass House Mach'y)

ELWOOD CITY—†*Elwood Fdy. Co.

EVANSVILLE — †Advance Stove Works (Stoves, etc.)
*Anchor Supply Co.
*Bernardin Bottle Cap Co. (Bottlers' Machinery)
*Blount Plow Works (Agrl. Implts., Plows, etc.)
*Clarke Gas Engine Co.
†Crescent Stove Works (Stoves, etc.)
*†Davidson-Dietrich Plow Co. (Plows & Castings)
§Evansville Brass Works
†Evansville Metal Bed Co.
†Evansville Stove Works (Stoves, Ranges & Hollow Wares)
*†Evansville Tool Works (Axes, Hammers, Picks & Castings, Steel)
*Faultless Caster Co. (Casters)
*†§Grote F. Mfg. Co. (Iron Fdrs., Bldrs., Iron Work, etc.)
*Hartig W. F. Plow Co. (Plows, Cultivators, etc.)
§Healey, Peter (Brass Fdry., Plumbers Goods, etc.)
*†Heilman Machine Works (Engines, Saw Mills, Threshers, etc.)
†*Hercules Gas Engine Co.
*†§Holtz Co. (Iron Fdry., Saw Mills, etc.)
†Indiana Stove Works (Stoves, Ranges & Hollow Ware)
*†International Steel & Iron Co.
*Kelsay Newton
*Lindenschmidt Co.
*†Mesker Geo. L. & Co. (Iron Fdrs. & Bldrs. Iron Works)
§*Peerless Tank & Seat Wks.
*Schroeder Headlight & Generator Co. (Headlights & Turbo-generators)
*Smith John C. Hoe & Tool Co. (Agri. Implts., etc.).
†Southern Stove Works (Stoves, Ranges & Hollow Ware)
*Steel Scaffolding Co.
†Vulcan Plow Co. (Plows, etc.)

FORT BRANCH—*†Lintz Bros., Machine Wks

FORT WAYNE—*Adams & Taylor Machine Co.
*American Steel Dredge Co. (Steel Dredges)
*†Bass Foundry & Machine Co. (Corliss Engines, Forgings, Iron & Steel, Castings, Grey Iron, Car Wheels, etc.)
*Bowser S. F. & Co. (Oil Tanks & Pumps, etc.)
†Central Foundry Co. (Grey Iron Castings)
*Clausmeier & Archer (Road Machy.)
*Deister Concentrator Co. (Mining Machinery)
*Deister Machine Co. (Ore Concentrators)
*Engineering Co. (Sterilizing Machy.)
*§Fort Wayne Electric Works of General Electric Co. (Dynamos, Motors, etc.)
*Fort Wayne Engineering & Mfg. Co. (Compressors, Pumps, etc.)
*Fort Wayne Foundry & Machine Co.
§Fort Wayne Smelting & Refining Co.
*Gauntt F. G. Mfg. Co. (Conrete Mixers)
§*General Elec. Co.
*Good Roads Machinery Co. (Road Making Machinery, etc.)
§Hattersley A. & Sons, (Electrical Machy.)
*Horton Mfg. Co. (Washing Machines)
*§Kunkle E. B. & Co. (Brass Fdrs. & Machinists, Safety Valves, etc.)
†Meier-Wiese Co. (Structural)
†§Menefee Foundry Co. (Grey Iron Castings)
*Noble Machine Co. (Coopers Machy.)
*Van Arnam Mfg. Co. (Plumbers' Supplies, etc.)
*Wayne Machinery Co.
*Wayne Oil Tank & Pump Co.
*†Western Gas Construction Co. (Gas Works Apparatus & Machinery)

FRANKFORT—*§Indiana Brass Co.
*Model Machine Works (Machinists)
*Smith Orlando B.
*§Wallace Mfg. Co. (Brick & Drain Tile Machinery)

FREMONT—*Ewing James

GARY—†§*Ind. Steel Co.

GAS CITY—*†§American Sheet & Tin Plate Co.

GENEVA—*Cross W. D. (Jobbing)

GOSHEN—*Alford Motor & Machine Co.
*Fuller Otis L. Co. (Slitting Shears)
*Goshen Eyelet Co.
*Goshen Stamping & Brass Co.
§*Harwood L. A.
*Hoosier Motor Co.
*†Kelly Foundry & Machine Co. (Boiler Fronts, Grate Bars, etc.)
*National Dairy Machine Co. (Dairy Machinery, etc.)
*Thomas Albright Co. (Hydraulic Presses)

GREENCASTLE—*§Cole Bros. Lightning Rod Co.
†*Wilson John Thos.

GREENFIELD—*†§Abbott Johnson R.

GREENSBURG—*†Hilland W.
*Luchte Jos. L.

GRIFFITH—*†Griffith Mfg. & Supply Co.

HAGERSTOWN — *§Teeter-Hartley Motor Co.

HAMMOND—*Betz Frank S. Co. (Surgical & Dental Instruments)
*†Champion Potato Machine Co. (Potato Machinery)
*Fitz-Hugh Luther Co. (Railway Equipment) (See Chicago, Ill.)
*§Hammond Brass Works
*Illinois Car & Mfg. Co. (See Chicago, Ill.)
*Standard Steel Car Co. (See Pittsburgh, Pa.)
*Steel Car Forge Co. (See Pittsburgh, Pa.)
†United Boiler Heating & Foundry Co.

HOBART—*Makutchan Roller Bearing Co. (See Chicago, Ill.

HUNTINGTON—*†Huntington Machine & Foundry Co. (Punching & Shearing Machines)
§Huntington Steel Fdy. Co.
*†§Majestic Co.
*Orton & Steinbrenner Co. (See Chicago, Ill.)

INDIANA HARBOR—†American Steel Foundries (See Chicago, Ill.)

INDIANA—Indiana Harbor—continued
*Inland Steel Co. (See Chicago, Ill.)
*Standard Forging Co. (Rough Machine & Finished Forgings)
INDIANAPOLIS — *American Buncher Mfg. Co., Olive & Harding
†American Foundry Co.
*American High Speed Chain Co.
*American Valve & Tank Co.
*Atkins E. C. & Co. (Saws, Tools & Machinery)
B. & B. Mfg. Co. (Foundry Moulding Machy.)
†Byram Foundry Co.
*Brown-Manly Plow Co.
*Capital Gas Engine Co. (Gas Engs, etc.)
*Capital Machine Co
*Castle Refrigerating Machine Co.
*Central Machine Works (Machinists, etc.)
*Central States Bridge Co. (Steel Bridges, etc.), 601 Beecher
*†Chandler & Taylor Co. (Engines & Saw Mill Machinery, etc.)
*Climax Machinery Co. (Farm & Dairy Machines)
†§*Dean Bros.
*†§Dean Bros. Steam Pump Works (Steam Pumps, Condensers, etc.),
*Edlin S. H. & Co. (Cement Block Machinery)
*Elec Steel Co. of Ind.
*†Enterprise Iron Works (Grey Iron Castings)
*§Fairbanks-Morse Electrical Mfg. Co.
*Federal Fdy. Co.
*Geiger & Peters (Archl. Iron Works, etc.)
*Green Thos. L. & Co. (Bakers' Machinery)
*Hall A. M. Co. (Laboratory Machinery)
*Haywood Tire & Equipment Co.
*†Hetherington & Berner (Asphalt Machinery & Foundry)
*†Home Stove Co. (Stoves & Ranges)
*Howard Michael E. (Machinist),
*Huetter Machine and Tool Co.
*Indiana Die Casting Development Co.
*Indiana Fan Co. (Blowers, Exhausters, Water Motors, Fans, etc), 40 E South
*Indiana Mfg. Co. (Straw Stackers), Merchants Bank bldg
§Indianapolis Aluminum Castings Co.
*§Indianapolis Brass Co.
*Indianapolis Excelsior Machinery Co. (Excelsior Machinery, etc.)
*†Indianapolis Foundry Co. (Light Grey Iron Castings)
†Indianapolis Stove Co.
*Indianapolis Tool & Mfg. Co. (Special Machinery, Tools & Dies)
*Insley Mfg. Co. (Concrete Dump Buckets, Hoists, etc.)
*International Machine Tool Co. (Machine Tools)
*†Inter-State Car Co. (Car Repair Work)
*§Keyless Lock Co. (Post Office Equipments, etc.)
*§Langsenkamp-Wheeler Brass Works (Brass Founders & Finishers)
†Laycock T. B. Son & Co. (Iron & Brass Bedsteads, etc.)
*Lees John (Special Machinery)
*LINK-BELT COMPANY (Belmont Foundry Malleable Iron; Ewart & Dodge Plants, Chains), General Offices, Chicago, Ill. & Philadelphia, Pa. *See adv index at end of book*
Midwest Engine Co. (Air Compressors & Diesel Oil Engines)
†McNamara-Koster Foundry Co. (Grey Iron Castings)
Millholland W. K. Machine Co. (Lathes)
*National Coning Machinery Co.
†National Malleable Castings Co. (See Cleveland, O.)
*†§Nordyke & Marmon Co. (Flour Mill Machinery, etc.)
†Over Ewald (Grey Iron Castings)
†Peerless Foundry Co. (Castings & Stove Repairs)
*Phoenix Caster Co.
*§Pioneer Brass Works (Brass, Bronze & Aluminum Founders, Finishers & Plumbers' Goods)
*Potter Mfg. Co. (Trench Machinery, etc.)
*†Potts C. & A. & Co. (Clay Machy)
*Rexroth Louis (Machinist)
*Roch Tobias
*†Rockwood Mfg. Co. (Paper Pulleys & Fibre Frictions)
*Russell Wind Stacker Co. (Straw Stackers), 1001 Shelby
*†Shirley Radiator & Foundry Co. (Radiators, etc.)
*†Sinker-Davis Co. (Engines & Saw Mill Machinery)
*Spacke F. W., Machine Co. (Motorcycle Engines, etc.)
*Standard Machine & Electric Co. (General Machinists)
§*Starr N. C. & Son Co.
*Utility Stove & Range Co. (Stoves, etc.)
*Western Machine Works
JASPER—*†Jasper Machine Works
JEFFERSONVILLE—*†American Car & Foundry Co.
*†§Anderson Geo. S. Co. (Machine Work, etc.)
*Bauer Machine Co.
*†Howard Shipyards Co.
*†Indiana Hollow Ware Co. (Cast Iron Hollow Ware, etc.)
*†Sweeney M. A. Shipyard & Foundry Co.
KENDALLVILLE—*Baker J. R. & Sons Co. (Specialties)
*†Flint & Walling Mfg. Co. (Windmills, Engines, Pumps, etc.)
*Raber & Lang Mfg. Co. (Concrete Machinery)
*†Wallace Mfg. Co.
*Wert C. S. (Brick Machinery)
KNIGHTSTOWN—*Albertson E. J.
*Parish Alford Fence & Machine Co. (Fence Machines, etc.)
KOKOMO—§*Byrne Kingston & Co.
*Chandler Machine Co.
*Cole Howard & Co.
*†Fard & Donneley
*†Globe Stove & Range Co. (Stoves & Ranges)
§Haynes Stellite Co.
*§Kokomo Brass Works (Plumbers' Brass Goods)
*Kokomo Electric Co. (Spark Coils)
*Kokomo Fence Machine Co. (Fence Machinery)
*§Long Bros. (Automobile Accessories)
*Riverside Machine Works
*Rockford Bit Co. (Auger Bits)
*Superior Machine Tool Co. (Drilling Machines)
*Walton & Macke Nail Co. (Wire Nail Machines)
LADOGA—*Hillis J. W. & Son
LAFAYETTE—*Barbee Wire & Iron Works (Bldrs. Iron Work & Castings, etc.)
*Biggs B. F. Pump Co.
*Duncan Electric Mfg. Co. (Electric Meters)
*†McGrath Robert H.
*§Motsinger Device Mfg. Co. (Auto Parts)
*Ross Gear & Tool Co. (Tools, Auto Gears)
*Ross Machine Co. (Auto Parts)
*†§Schwab Safe Co. (Bank Vaults, Safes, etc.)
*†Wallace Machine & Foundry Co. (Castings, Manhole Covers, etc.)
LA GRANGE—*§La Grane Machine & Repair Co. (Mach. & Garage)
LAPEL—*Wright George W. (Gas Regulators, Pumps, etc.)
LA PORTE—*Gangwer & Co.
*Great Western Mfg. Co. (Motorcycles))
†§*La Porte Fdy. & Furnace Co.
*Niles & Scott Co. (Wheels, etc.)
†§Northern Fdy. Co.
*†§Rumely Leo Tractor (Engines, Threshers, Stackers, etc.)
*United States Slicing Machine Co. (Meat Cutters)
LAWRENCEBURG—*†§Cook August D. (Deep Well Pumps, Well Strainers, etc)
LEAVENWORTH—*Jenner John H.
LEBANON—*Dairy Cream Separator Co.
*Egan Seth S.
LOGANSPORT—*Logansport Boiler & Machine Works
†§Logansport Casting Co.
*†Logansport Radiator & Equipment Co. (Radiators)
*Obenchain-Boyer Co. (Fire Extinguishers)
*†§Rutenber Electric Co. (Gasoline Motors, Brass & Grey Iron Castings)
LOOGOOTEE—*Moody W. Frank
MADISON—*†§Johnson Foundry & Machine Shops
*†Madison Machine Co. (Machinists)
MARION—†Atlas Foundry Co.
†*Bahr Bros. Mfg. Co.
*Chicago Glass Novelty Co.
*Emerson-Brantingham Co. (See Rockford, Ill.)
*†Harwood-Barley Mfg. Co. (Iron and Brass Bedsteads)
†Hoosier Stove Co.
*†Hulley Foundry & Machine Works
†Marion Gray Iron Foundry Co. (Grey Iron Castings, etc.)
§Marion Brass Fdy.
*†§Marion Machine, Fdr. & Supply Co. (Gas & Steam Engines, Repair Works & Brass & Iron Castings)
†Marion Malleable Iron Works
†§Marion Stove Co. (Stoves)
*†§Rutenber Motor Co. (Gasoline Motors, Brass & Grey Iron Castings)
Western Drop Forge Co., P. O. Box 386.
MICHIGAN CITY—†Bies J.
*†§Haskell & Barker Car Co. (Car Bldrs., Brass, Steel, Grey & Malleable Iron Castings)
MILROY—*Hills F. O.
MISHAWAKA—§American Casting Co.
§Clark Geo. C. Metal Last Co.
†§*Dodge Mfg. Co.
*Mishawaka Machine Co.
*†Perkins Windmill Co. (Gasoline Engines, Pumps, Jacks, etc.)
*†Premier Bed Co.
MONTEZUMA—*Montezuma Machine Wks
MONTPELIER—†§*Montpelier Mfg. Co.
*†§National Steel Casting Co. (Steel Castings, Car Couplers, etc)
MOORESVILLE—†*Ind. Brass & Iron Bed Co.
MOUNT VERNON—*†§Keck-Gonnermann Co. (Iron Fdrs., Threshers, etc.)
MUNCIE—*†§American Lawn Mower Co. (Lawn Mowers & Castings)
*Carpenter G. Albert
§Del. Brass & Aluminum Co.
†§Eagle Foundry Co. (Castings)
*Feeny-Hurd Co. (Universal Joints)
*Indiana Steel & Wire Co.
*Kemp Machine Works (Aeroplane Motors)
*Kitselman Bros. (Fence Machines, etc.)
†§Machinists' Foundry Co. (Castings)
*Moon Machine Co. (Nut & Bolt Machinery)
*†Muncie Fdy. & Machine Co. (Castings, etc.)
*Muncie Gear Works
*Muncie Oil Engine Co. (Oil Engines)
†§Union Iron & Brass Foundry
*Warner Electric Co. (Electric Specialties)
*Warner Gear Co. (Gears, etc. automobile)
*†Whitely Malleable Castings Co. (Steel & Malleable Iron Castings, etc.)
†Whiteley Steel Co. (Steel Castings)
NAPOLEON—*Schlueter Stephen
NARSAW—†Dalton Fdy.
NEW ALBANY—*Anchor Stove & Range Co. (Stoves, etc.)
*†Gardner S. J. Fdry. & Machine Co.
*Goetz Coleman Mfg. Co. (Gasoline Engines, etc.)
†§Gohmann Bros. & Kahler Co. (Stoves)
*†§Hegewald Chas. Co.
§Millheiser E. L.
†Milligan Madison Co.
*†New Albany Machine Mfg. Co. (Stone Working Machinery)
NEW CASTLE—*†§Allen Pitless Scale Co.
*Indiana Rolling Mill Co. (Machine Shop for Use of the Company)
*National Spring Co.
†New Castle Foundry Co. (Iron Fdrs., Grey Iron Castings)
*New Castle Machine Works
*Pan-American Bridge Co. (Bridge & Structural Steel Works, etc.)
*Shopp W. A. & Co.
NEW HARMONY—*Tretheway W. O.
NEW MOUNT PLEASANT—*Steed Bros.
NOBLESVILLE—*Hare J. H.
*†Union Sanitary Mfg. Co. (Cast Iron Enameled Sanitary Ware)
NORTH MANCHESTER—†Manchester Mfg. Co. (Boiler Cleaners)
†§*Miller Jesse E.
†North Manchester Fdy. Co.

NORTH VERNON—*†§Hicks Harry (Machinist & Fdry.)
OSGOOD—*†§King H. P. Foundry & Machine Works
PERRYSVILLE—†*Perrysville Stove Wks.
PERU—*Peru Auto Parts Mfg. Co. (Engines, etc)
*†§Spaulding Brass & Iron Foundry
PETERSBURG—*Warner E. T.
PLYMOUTH—*Clizbe Bros. Mfg. Co. (Tool Grinders, etc.)
*Keller & Jeffirs (Machinists)
†*Portland Forge & Fdy. Co.
RED KEY—*Fiers W. T. (Pumps, etc.)
RICHMOND—*Advance Co., 542 N 14th
*†American Seeding Machine Co. (Agrl. Implts.) (Hoosier Branch.) (See Springfield, O.)
†Am. Fdy. Co.
*Dille & McGuire Mfg. Co. (Lawn Mowers)
*Draver E. R. (Special Machy., etc)
*Eagle Machine Works
*Elliott & Reid Co. (Fence Machines, etc.)
*Eureka Fence Mfg. Co
*Evans John A. Co. (Ventilating Apparatus, etc.)
*F & N Lawn Mower Co. (Lawn Mowers)
*Gartside W. N. (Fdry. Supplies, etc.)
*Hayes Track Appliance Co. (Derailers, etc.)
*Jones J. E.
*Marlatt Samuel (Machinist)
*National Automatic Tool Co. (Special Machinery, Drills, etc.)
*†Reliance Foundry Co. (Auto Castings)
†Richmond Malleable Castings Co.
*Richmond Safety Gate Co. (Safety Gates, etc.)
Richmond Water Softener Co.
§Riverside Brass Works
*†§Rumely M. Co. (Engines, Threshers, etc)
*§Standard Pattern & Mfg. Co. (Air Compressors, Brass Castings, etc.)
*†Swayne, Robinson & Co. (Threshers, Baling Presses)
*†§Wayne Works (Agrl. Implts., Grey Iron Castings, etc.)
ROCKPORT—*†Pfeifer John C. (Fdry & Mach)
ROYAL CENTER—*Ford William B. (Machinists & Garage)
RUSHVILLE—*†Arbuckle & Co. (Clay Working Mach'y.)
*Francis Chas. E. Co. (Woodworking Mach'y.)
*Madden Bros. Co.
SALEM—*Bellows Bros.
SARATOGA—*†§Harshman John F. & Sons
SEYMOUR—*§Buhner Rudolph F
SHELBYVILLE—*†Shelby Gas Engine Co.
SOUTH BEND—*†Birdsell Mfg. Co. (Clover Hullers, Straw Stackers, Wagons, etc.)
*†Bowsher N P Co. (Fdrs. & Machinists)
*Burner E. & Co.
*Campbell Wire Specialty Works
*Collmer Bros. (Cycle & Auto Parts)
*Crescent Machine Works. (Jobbing)
*†Cutter Geo. Co. (Electrical Specialties & Trolley Line Materials)
†Engman-Matthews Range Co. (Stoves & Ranges)
§Fulton Harwood Brass Foundry Co. (Brass & Aluminum Castings)
*Haberle J B. (Special Machy., etc.)
*Iwan Bros. (Ditching Machines, etc.)
*Knoblock-Heideman Mfg. Co. (Electrical Mach'y & Specialties)
*Long Distance Telephone Mfg. Co. (Telephones & Switchboards)
†Malleable Steel Range Mfg. Co. (Steel Ranges, etc.)
*Maurer Wm. & Co. (Steam Specialties, etc.)
*†Meyer Foundry & Mfg. Co. (Grey Iron Castings, etc.)
*†Oliver Chilled Plow Works (Plows, etc.)
§*Peerless Brass Fdy. & Mach. Co.
*Schafer F. & Son (Machinery & Tools)
*†Sibley Machine Co. (Mach. Tools, Power Drills, etc.)
†Sibley Stove Co.
†§*Singer Mfg. Co.
§South Bend Brass Fdy. & Mach. Co.
*†§South Bend Chilled Plow Co. (Plows, etc.)
*†South Bend Foundry Co. (Grey Iron Castings, Street & Building Castings, etc.)
*South Bend Watch Co. (Watches, etc.)
*Starr C. M. Mfg. Co. (Carriages & Machinists)
*†§Studebaker Corp. (Wagons, Carts, etc)
*Union Electric Mfg. Co. (Electrical Repairs)
TELL CITY—*†§Tell City Foundry & Machine Works
TERRE HAUTE—*Bennett & Bennett (Concrete Block Machinery Manufacturers)
*Bealek Wm.
*Buettner-Shelburne Machine Co. (Repair Parts for Coal Mining Machines, etc) (See St. Louis, Mo.)
*†Eagle Iron Works Co.
†Gartland Foundry Co. (Grey Iron Castings, etc.)
*Hazledine E T. Co. (Machinist)
†Inland Steel Casting Co. (Steel Castings)
*Johnson Bros. Motor Co.
*Kester Electric Co. (Electric Motors)
*Pettyjohn Co. (Artificial Stone Machines)
*†§Prox Frank Co. (Coal Mining Machy., etc.)
†Springer-Whitaker Foundry Co.
*Standard Wheel Co. (Bicycles)
§Terre Haute Bronze & Brass Fdry.
*Terre Haute Machine Works
†Terre Haute Malleable & Mfg. Co.
*†§United States Scale Factory
†§Vandalia R. R. Shops
*Wabash Mfg. Co.
UNION CITY—*Backstay Mach. & Leather Co. (Machinists)
*Union City Wheel Co.
UPLAND—*Wise R. S.
URBANA—*Speicher D. E. (Seed Sowers, etc.)
VALPARAISO—*McGill Mfg. Co. (Electric Specialties), 77 Oak
See adv index at end of book
VANBUREN—*Haynes Machine Co.
*Mills Machine Co.
VEEDERSBURG—*Walter Bros.
VERNON—*Reed & Rogers Mfg. Co. (Harrows & Rakes, etc.)
VINCENNES—*†§Central Foundry Co. (See New York)
*Hartman Mfg. Co. (Agrl. Implts., Cultivators, etc.)
*Mahoney R. R. Ditching Machine Co. (R. R. Ditching Machines)
*National Rolling Mill Co.
*†§Vincennes Foundry & Machine Co.
*Vincennes Tractor Co. (Traction Engines)
*Williams Henry M.
WABASH—*Diehl G. M. Machine Works
*Service Motor Truck Co. (Motor Trucks)
*†§Wabash Foundry Co.
WAKARUSA—*†Gall James E.
WARREN—Arnold Daniel (Jobbing)
WARSAW—*†Maish Mfg. Co. (Iron Castings, etc.)
*†§Wentz O. W.
WASHINGTON—*Clore Wm. H. Mfg. Co. (Cultivators, Harrows, Plows, etc.)
*†§Denver Frank
WINCHESTER—*Winchester Machine Works
WOLCOTTVILLE—*†§Morel Bros.

IOWA.

AKRON—*Hilliker C. M. & Son
AMES—*Loughran Machine Co. (Agricultural Implements)
AURELIA—*Mummert Jonas S.
AVOCA—*†Jacobs Bros.
BELLE PLAINE—*†§Palmer Bros.
BELLEVUE—*Brandt J. M. (Gasoline Engines)
BETTENDORF—*†Bettendorf Co. (Basic Open Hearth)
*Zimmerman Steel Co.
BOONE—*Monarch Mfg. Corp. (Concrete Machinery)
*†Quinn Wire & Iron Works (Castings & Cement Mach'y, etc.)
*†§Sampel J. F.
BRITT—*†Interstate Drainage & Investment Co.
BURLINGTON—*Mississippi Pearl Button Co.
*Mohland & Co. (Grubbing Machines)
*†§Murray Iron Works Co. (Corliss Engines, Ice & Refrigerating Machinery, etc.)
§Swedish Sleigh Bell Mfg. Co.
CARROLL—*Heider Mfg. Co. (Equalizers, etc.)
CEDAR FALLS—*Rice & Dayton Mfg. Co. (Auto Vulcanizers)
CEDAR RAPIDS—*†Cedar Rapids Foundry & Mach. Co. (Grey Iron Castings, etc.)
*†§Cedar Rapids Pump Co. (Iron Pumps, etc.)
*†§Chandler Pump Co. (Iron Pumps, etc.)
*Cherry J. G. Co. (Creamery Supplies)
*§Dearborn Brass Co. (Brass Founders' & Finishers' Plumbing Goods, etc.)
*Denning Tractor Co. (Traction Engines, etc.)
*Fawcett C. E. (Machinists)
*†Iowa Radiator Co. (Radiators, etc.)
*†§Iowa Steel & Iron Works (Castings & Structural Wk.)
*Iowa Wind Mill & Pump Co.
*Rabus & Toeller (Machinists)
*†Stary Frank & Sons (Small)
*Steel Basket Co.
*Tokheim Mfg. Co. (Oil Pumps, etc.)
*Universal Crusher Co. (Rock & Ore Crushers)
CENTERVILLE—*†§Goss Jos & Son
*Hercules Mfg. Co.
CHARLES CITY—*†Charles City Engine Co.
*Daley, M. H. (Disc Harrows)
*†§Hart-Parr Co. (Traction Engines)
*†§Moss, W. E.
CHEROKEE—*†§Caswell Mfg. Co. (Belt Guides, etc.)
*†Cherokee Mfg. Co.
CLARINDA—*Clarinda Lawn Mower Co. (Lawn Mowers)
*†Lisle Mfg. Co. (Well Drilling Machinery)
†§*Olson & Son Oliver
CLINTON—*Clinton Bridge Works
†§*Clinton Lock Co.
*Collis Co.
*†Iowa Machine Works
COUNCIL BLUFFS—*Children's E. Sons Mfg. Co. (Agrl. Implts.)
*Clark Implement Co. (Agrl. Implts.)
*†Incandescent Light Mfg. Co. (Machinists)
*†§Kimball Bros. Co. (Passenger & Freight Elevators, etc.)
*Machine Mfg. & Engineering Co.
*Pioneer Implement Co. (Agrl. Implts.)
*†Sprague Foundry & Mfg. Co. (Castings, Hot Air Furnaces, etc.)
*†§Walker Mfg. Co. (Agrl. Implts., etc.)
CRESTON—†§*Brennan P.
DAVENPORT—*Brammer H F Mfg. Co. (Washing Machines)
*†§Davenport Locomotive Works (Light Locomotives, etc.)
*†§Davenport Machine & Foundry Co. (Grey Iron & Brass Castings & Special Heavy Machinery, etc.)
*Davenport Mfg. Co. (Paper Balers)
*Davenport Washing Machine Co.
*†§Frank H. J. Foundry & Machine Co.
*†French & Hecht (Metal Wheels & Castings)
*Krone Charles (Jobbing)
*Linograph Co. (Typesetting Machines)
*Midland Supply Co.
*Neumann H. W. Machine Co.
*Newcomb Loom Co. (Carpet Looms)
*†Red Jacket Mfg. Co. (Pumps & Grey Iron Castings)
*Schmidt, B. L. Co. (Gasoline Engines & Ice Chipping Machines, etc.)
Voss Bros. Mfg. Co. (Washing Machines)
*†Wahle Foundry & Machine Works
*Walther-Vogeler Gas Machine Co. (Gas Machines)
*White Lily Mfg. Co. (Washing Machines)
*Woodall Mfg. Co.

IOWA—continued
DECORAH—*Johnson Peter & Sons (Machinists)
*§Swenson Valve Co.
DES MOINES—*†American Iron Works
*†§Beckman Bros. (Pumps, Windmills, Scales, etc.)
*†§Dempster Mfg. & Supply Co. (Pumps, Windmills, etc.)
*†Des Moines Stove Repair Co.
*Dodd & Struthers
*†Eagle Iron Works (Mining & Brick Machinery, etc.)
*Eldridge Geo. G. (Machinist)
*†Gibbons Machine & Foundry Co. (Gas Engines, Grey Iron Castings, etc.)
*Globe Machinery & Supply Co.
Green Fdy. & Furnace Wks.
*§Hawkeye Machine & Brass Works
*Iowa Machinery & Supply Co.
*Jewett Typewriter Co. (Typewriters)
†*Keith Furnace Co.
*†McDonnell Boiler & Iron Works
*New Monarch Machine & Stamping Co.
*Stutsman R. O. Co. (Brass & Composition Foundry)
*†Wood Bros. Thresher Co. (Agrl. Implements, etc.)
DUBUQUE — *†§Adams Co. (Machine Tools, Founders, etc.)
*Cooper A. A. Wagon & Buggy Co. (Plows, Cultivators, etc.)
*Dubuque Boat & Boiler Works (Ship Builders, etc.)
*Ernsdorff John Iron Co.
*Ferguson Mfg. Co. (Pumps)
§*Kretschmer Mfg. Co.
*†§Loetscher-Ryan Mfg. Co. (Hardware Specialties)
*Ragatz & Son (Machinists)
*§Schmid Mfg. Co.
*†§Smedley Pump Co. (Steam Pumps, etc.)
*Voggenthaler E. J. Co.
ELDORA—*†§Brown Bros. Foundry & Machine Co.
ELKADER—†Allen Bros.
FAIRFIELD—*†Louden Machinery Co. (Haying Tools, etc.)
†Iowa Malleable Iron Co.
*Pence W. H.
FORT DODGE—*†§Iowa Foundry & Mfg. Co. (Gasoline Engines)
†§*Fort Dodge Fdy. Co.
*Monarch Telephone Mfg. Co. (Telephones, etc.)
*Sargent Tile Ditcher Co.
FORT MADISON—§*Acme Chandelier & Mfg. Co.
*American Fork & Hoe Co.
Fort Madison Plow Co. (Agricultural Implements)
GUTTENBERG—*Fuerste Chas.
HARLAN—*†Deen Loom Co.
*†§Nelson Gas Engine & Auto Co.
IOWA CITY—†Tulloss I. E. (Foundry)
IOWA FALLS—*Gade Bros. Mfg. Co. (Gasoline Engines)
KELLOGG—*Gould Balance Valve Co. (Valve Mfrs.)
KEOKUK—*American Cement Machine Co. (Concrete Machinery, etc.)
*†Amer. Stove & Range Co. (Stoves)
*Decker Mfg. Co. (Hog Rings, Curry Combs, etc.)
Industrial Supply Co. (Machine, Mill Supplies, Factory Appliances Manufrs. Agents)
*Keokuk Hydraulic Tire Setter Co. (Tire Setters)
*†§Kollmyer & Talbot (Machinists & Fdrs.)
†§*Peckstein Iron Wks.
*Thomas Machine Co.
*Weber & Kirch Mfg. Co. (Cream Separators)
LAKE MILLS—*Geving Bros.
LAURENS—*Kreul Bros.
LEMARS—*†§Pech Gus Foundry & Mfg. Co. (Well Drilling Machinery, etc.)
LONE TREE—*†§Zimmerman Steel Co. (Stump Pullers, Feed Mills & Wagon Scales & Castings of All Kinds)
LYONS—*Pelton C. H.
MARSHALLTOWN — *Brauer Acetylene Lighting Co.
*C. & E. Mfg. Co. (Wrenches, etc.)
*†Central Foundry Co.
*Dunham C. A. Co (Steam Traps)
*Fisher Governor Co. (Pump Governors, etc.)
†*Imperial Furnace Co.
†*La Plant Co.
*†Lennox Furnace Co. (Stoves, Ranges & Heaters)
*†§Lennox Machine Co. (Water Tapping Machines & Gasoline Engines, etc.) (See Chicago, Ill.)
*Lennox Throatless Shear Co. (Power Shears, etc.)
*Light Draft Harrow Co.
MASON CITY—*Beecher Walter A. (Machinist)
*†§Vulcan Iron Works Co. (Tenon & Boring Machines, Power Hammers, etc.)
MECHANICSVILLE—*Davisson O. J.
MONTICELLO—*†Page Frank W.
MONTOUR—*Downs W. A.
MOUNT PLEASANT — *§Iowa Ditching Machine Co.
MUSCATINE—*†Barry Co. (Button Machinery)
*†Giesler & Co. (Malleable Iron Wagon Brakes, etc.)
*Heitz Louis R. (Button Mach'y, etc.)
†Niver Iron Works Co. (Grey Iron Castings, Building Fronts, Machine Castings, etc.)
*Stohr & Freund
*Vance & Baker Mfg. Co. (Canning Machinery, etc.)
MYSTIC—*Ford Geo.
NEWTON—*Automatic Electric Washer Co. (Washing Machines)
*†§Maytag Co. (Agricultural Implts., etc.)
*One Minute Mfg. Co. (Gas & Gasoline Engines, Pumping Jacks, etc.)
*†§Parsons G. W. Co. (Trench Excavating Machy., Steel & Iron Castings, etc.)
*†Skow Mfg. Co.
NORTHWOOD—*†Nelson Henry
ODEBOLT—*Kistler & Steppstedt
OELWEIN—*Potter V. W.
OSKALOOSA—*Interstate Mfg. Co. (Furnaces, etc.)
*Interstate Mfg. Co. (Furnaces, etc.)
*†§Iowa Valve Co. (Valves, Hydrants, etc.)
*†Seevers Mfg. Co. (Heaters, etc.)
OTTUMWA—*American Mining Tool Co. (Mining Tools, etc.)
*†§Dain Mfg. Co. (Hay Loader, Haying Tools, etc.)
*Hardsocg Mfg. Co. (Coal Drills, etc.)
*Hardsocg Wonder Drill Co. (Rock Drills, etc.)
*Johnston & Sharp Mfg. Co. (Ball Bearing Sash Pulleys, etc)
*†McCarroll Mfg. Co. (Stoves, etc)
*Nicholls Mfg. Co. (Carpenters' Squares, etc.)
*†§Ottumwa Box Car Loader Co. (Car Loaders, Mine Cars, etc.)
*†Ottumwa Iron Works (Mining Machinery)
*†§Ottumwa-Moline Engine & Pump Co.
PELLA—*†Buerkens Mfg. Co. (Wagons, etc.)
*†Garden City Feeder Co. (Hay Stackers, etc.)
PERRY— †*At Last Washer Co.
PRAIRIE CITY—*†§Dowden Mfg. Co. Ltd. (Potato Harvesting Machy.)
*Jenks & Son (Gas Generators, etc.)
RED OAK—*†§Kerrihard Co. (Power Hammers, etc.)
*Red Oak Bridge & Iron Works
ROCKFORD—*Ayers C. E.
ROCK RAPIDS—*Anchor Concrete Stone Co. (Cement Block Machy.)
SAC CITY—*†Martin Co.
SHENANDOAH—*†Smith Benjamin
SIOUX CITY—*Central Machine Works & Auto Co.
*†§Iowa Foundry Co.
†New Foundry & Mfg. Co.
*†Novelty Mfg. Co.
SPENCER—*Maurer F. X. Co. (Hay Presses)
WASHINGTON—*Heckethorn W. N.
WATERLOO—*Armstrong Mfg. Co. (Well Drilling Machy., Forging of all Kinds, Gasoline Engines, etc)
*†Associated Mfrs. Co. (Gasoline Engines, Concrete Mixers, etc.)
*†Black Hawk Mfg. Co.
*†Bovee Furnace Works
*†Cement Tile Machinery Co. (Cement Tile Machinery, etc.)
*Chamberlain Machine Works
*Ferguson Mfg. Co. (Well Drilling Machinery)
†Gibson David
†Goodman W. A.
†Hawkeye Foundry Co.
†Headford Bros. & Hitchins Foundry Co.
§Iowa Brass Foundry
*Iowa Gasoline Engine Co. (Gasoline Engines)
*Iowa Spreader & Engine Co. (Manure Spreader)
*†Litchfield Mfg. Co. (Farm Machinery)
§Superior Brass Fdy.
*†Swift Mfg. Co. (Feed Grinders, etc.)
§Waterloo Brass Foundry
*Waterloo Cement Machinery Corp. (Hoisting Engines, etc.)
†Waterloo Foundry Co.
†§Waterloo Gasoline Engine Co. (Gasoline Engines, etc.)
*†§Waterloo Register Co. (Registers, etc)
†Zeising & Son
WAUKON—*†Johnson J. S. & Son
WEBSTER CITY—*Brown Spring Ice Skate Co. (Ice Skates)
*Closz & Howard Mfg. Co. (Grain Separators, etc.)
WHAT CHEER—*What Cheer Tool Co. (Miners' Tools, etc.)

KANSAS.

ABILENE—*Brown O. W.
*Toliver L. H.
ARKANSAS CITY—*†§Beard C. S.
†§*Kirkwood Wind Engine Co.
ATCHISON—*Bailor Plow Mfg. Co. (Agrl. Implts.)
*Locomotive Finished Material Co. (Rough & Finished Locomotive Castings)
*Railway Specialty Co.
*†Seaton John Foundry & Mfg. Co.
*†Thayer Foundry Co. (Grey Iron Castings, etc.)
BELLE PLAINE—*Owens J. A.
BURLINGTON—*Electric Appliance Co.
CHEROKEE—*Webster Frank L. & Son
CHERRYVALE—*†§Cherryvale Iron Wks. Co.
CLAY CENTER—†Acme Foundry Co.
*Watts I. R.
COFFEYVILLE—*†§Coffeyville Foundry & Machine Co.
*†Coffeyville Implement & Mfg. Co. (Agrl. Implts.)
*Robinson Packer & Machine Co.
EMPORIA—*†§Jones' Jos. C. Sons
ENTERPRISE—*†Barnard Machinery Co. (Flour Mill Machinery)
*†§Ehrsam J. B. & Sons Mfg. Co. (Flouring Mills, Cement & Plaster Mill Machinery, etc.)
FORT SCOTT—†Anderson R. K.
†§*Eller Chas.
FREDONIA—*§Belt P. P.
GALENA—*†§Galena Foundry & Machine Co. (Mining Machinery, Grey Iron Castings, etc.)
*Kennedy T.
*Rauch Mfg. Co. (Mining Machinery)
*Stone & Pinson
GALESBURG—*Shaw Mfg. Co. (Motorcycles)
GIRARD—†Hitz C. Foundry Co.
HIAWATHA—*†§Cash W. F. & Co.
HUTCHINSON—*Hutchinson Foundry & Machine Works
*Nelson Mfg. & Supply Co.
*Peru-Van Zandt Implement Co. (Agric. Implts.)
INDEPENDENCE—*Bovaird Supply Co. (Oil Well Supplies)
*†Independence Iron Works Co.
*National Supply Co (Oil Well Supplies)
*†§United Iron Works Co. (See Springfield, Mo.)
IOLA—*†§United Iron Works Co. (See Springfield, Mo.)
KANSAS CITY—*†§Anderson Coupling & Fire Supply Co. (Fire Dept. Supplies)
†Armourdale Foundry Co. (Grey Iron Castings)
*Badger Gas & Gasoline Engine Co. (Gas & Gasoline Engines)
*†Griffin Wheel Co. (See Chicago, Ill.)
*Home Embroidering Machine Co. (Embroidery Machines)
†Kansas City Foundry Co. (Iron Fdrs.)
*Missouri Boiler Works Co. (Repairs)
*Parker Machine & Fan Works
*†Strait H. N. Mfg. Co. (Corliss Engines, Cooperage Machinery, etc.)
†West Side Foundry Co. (Iron Fdrs.)
*Western Steel & Wire Co. (Hay Presses)

LAWRENCE—*†§Lawrence Iron Works
LEAVENWORTH—*†§Fisher Machine Works Co. (Ice & Refrigerating Machinery, etc.)
*†Great Western Mfg. Co. (Grain Elevator & Flour Mill Machy., etc.)
†Great Western Stove Co. (Stoves, etc.)
*Missouri Valley Bridge & Iron Co.
*Varney Heating & Manufg. Co. (Stoves)
MANHATTAN—*†§Blue Valley Mfg. Co. (Agl. Implts.)
NEWTON—Nellan G. M.
*Prairie Queen Mfg. Co. (Grain Separators, etc.)
NORTON—*†§Norton Mfg. Co.
NORWICH—*Dodson J. V.
OBERLIN—*Bradley Perry
OTTAWA—*†§Ottawa Foundry Co.
*Union Foundry & Machine Co. (Gasoline Engines)
PAOLA—*† U. S. Radiator Corp. (See Detroit, Mich.)
PARSONS—*†Smith Millard F.
PITTSBURG—*†§United Iron Works Co. (Springfield, Mo.)
ST. PAUL—*Sheffer Frank
SALINA—*Kouns Wesley (Agrl. Implts.)
*†§Wyatt F. Mfg. Co. (Agricultural Implements, etc.)
*Ziegler W. F. (Corn Harvesters, etc.)
SENECA—*†Butler & Son
TOPEKA—*†Capital Iron Works Co.
*†Currie Windmill Co.
§Hewett Mfg. Co. (of Chicago, Ill.)
§Magnus Co., Inc.
*Perine Plow Works (Plows, etc.)
*Pugh Manufg. Co. (Potato Diggers)
*Semprez John
Topeka Brige & Iron Co.
*†§Topeka Foundry & Mfg. Co. (Potato Diggers)
*Valk Manufg. (Irrigation Pumps & Engines)
*†§Western Foundry & Machine Works (Iron & Brass Founders & Machinists)
WAKEENY—*Spena John W.
WICHITA—*Brooks Machine Co. (Tire Setters, etc.)
*Christopher Geo. C. & Son
†Moore Bros. (Iron Fdrs. & Stoves)
*Peru-Van Zandt Implement Co.
*Reschke Machine Works Co (Agricultural Implements, etc.)
†§*Schermuly Mfg. Co.
†Sharon W. J.
†*Sibbitt Foundry & Iron Works
*†§Western Iron & Foundry Co.
†*Wichita Foundry Co.
WILSON—*†Wolfe W. S.
WOODSTON—*McNutt Hubert C

KENTUCKY.

ASHLAND—*†§Ashland Foundry & Machine Works
*†§Ashland Iron & Mining Co. (Grey Iron Castings & Machine Shop)
†*Ashland Steel Co.
*†§Norton Iron Works
AUGUSTA—*†Augusta Stove Foundry
*Margraff Mfg. Co. (Machinery)
BOWLING GREEN—*†§Bowling Green Machine Co.
§*Park City Mach. Co.
*†§Roemer-Worrick Machine Co.
CANE VALLEY—†Dudgeon Co. (Stoves, Ovens, etc.)
CLOVERPORT—*Cloverport Boat & Mfg. Co.
COVINGTON—*Anthe Machine Works
*Barker Wm. & Co. (Machine Tools)
Cincinnati Pulley Machy. Co.
*Covington Archl. Iron Works
†Germania Supply & Foundry Co.
*Hollingsworth W. T. (Machine Tools, etc.)
*†Houston, Stanwood & Gamble Co. (Steam Engines)
†Insurance Foundry Co. (All Kinds of Light & Heavy Machine Castings)
*§Michael's Art Bronze Co.
*Sebastian Lathe Co. (Machine Tools)
†Star Foundry Co. (Stoves and General Iron Founders)
*Stewart Iron Works Co.
*†Willard Machine & Tool Co. (Presses, Tools, Dies, Machinery, etc.)
EARLINGTON—Earlington Machine Wks.
FRANKLIN—*Enterprise Machine & Garage Co.
FULTON—*†§Webb C. E.
HOPKINSVILLE—*†Forbes Mfg. Co. (Agrl. Implts., Hdw., etc.)
LEXINGTON—*§American Metallic Packing Co. (Metallic Packings, Brass Castings and General Machinists)
*†§Lexington Engine & Boiler Works
*Timmins Machine Works (Machinist)
LOUISVILLE—§Ahrens & Ott Mfg. Co. (Plumbers' Supplies)
§*Am. Brass & Plating Wks.
*†American Elevator & Machine Co. (Elevators, etc.)
*American Iron Works
*Atlas Machine Co.
*†§Avery B. F. & Sons (Agrl. Implts.)
†Balke & Co.
§*Beecher Fowler Mfg. Co.
*†§Bridgeford & Co. (Stoves)
*†Brinly Hardy Co. (Agrl. Implts., Plows, etc.)
*†CALDWELL W. E. CO. (Machinery & Founders)
See adv index at end of book
*Clark Jas., Jr., Electric Co. (Machine Tools, Dynamos, Motors)
†Columbia Sanitary Mfg. Co.
*Cook C. Lee Mfg. Co.
†Dow Wire & Iron Works Co. (Conveying Machinery, Castings, etc.),
*†Drummond Mfg. Co. (Grey Iron Castings, etc.)
†Ewald Iron Co.
*§Falls & Withers
†Fischer-Leaf Co.
*Franke F. & Co.
†§Graf-Webb Iron Mfg. Co. (Stoves,
*†Grainger & Co.
*§Hillen Mfg. Co.
§Independent Brass Fdry.
*Kentucky Saw Works (Machinists)
†Kentucky Stove Co. (Stoves)
*†Kentucky Wagon Mfg. Co.
*Knopel-Kappa Co.
*Laib Co.
†Louisville Bridge & Iron Co.
†Louisville Car Wheel & Railway Supply Co. (Car Wheels, etc.)
*†Louisville Drying Machine Co. (Drying Machinery)
*†Louisville Tin & Stove Co.
†Martin H. H. Mfg. Co.
*§Moran Flexible Steam Joint Co. (Brass Founders & Machinists)
*†§National Foundry & Machine Co. (Steam Pumps, etc.)
†O K Stove & Range Co. (Stoves)
*†§Peerless Mfg. Co. (Iron & Brass Founders, Grates & Iron & Brass Goods)
*Pyne Co.
*Reilly Steam Pump Works (Pumping Machinery)
*Sheppard Mfg. Co. (Jobbing)
*†Snead Archl. Iron Works (Builders' Castings & Iron Work)
*Southern Elevator Co
*†§Standard Sanitary Mfg. Co. (See Pittsburg, Pa.)
*§Stege E. A. Mfg. Co (Brass Fdrs. & Finishers & Platers)
†§Stiglitz Chas. G. & Sons (Iron Fdrs)
*Universal Swing Joint & Machine Co (Gears, Flexible Steam Joints)
§Vendome Copper & Brass Works
VOGT BROTHERS MFG. CO.
See adv index at end of book
*†Vogt Henry Machine Co. (Ice & Refrigerating Machy, etc.)
Voigt Bros. Mfg. Co. Inc.
LUDLOW—§Carran R. B. & Sons Co.
McHENRY—*†McHenry Mfg. & Mchy. Co.
MAYSVILLE—*†Hall Jas. H. Plow Co. (Plows, etc.)
*Ohio Valley Pulley Works
*Thompson & McAtee (Agric Implts)
MIDDLEBORO—†§*Hoe J. R. & Sons
NEWPORT—*Crawley Book Mchy. Co. (Bookbinders' Machy., etc.)
*Fletcher Mfg Co. (Motor Washing Machines)
†Newport Fdry. Co.
OWENSBORO—*Anglo-American Mill Co. (Flour Mill Machinery)
*Kentucky Electrical Co (Dynamo & Motors)
*Owensboro Shovel & Tool Co.
*Owensboro Wagon Co.
*†§Southern Foundry Co. (Castings & Bldrs., Iron Work, etc.)
†§*Wright Mach. Co.
PADUCAH—*†§Jackson Foundry & Machine Co.
*Lack Mfg. Co.
*†§Shelton Bros. (Iron Fdry. & Machinists)
SHREVEPORT—†§*Oil City Iron Wks.
WINCHESTER—*Conway J. P.
*Hagan Gas Engine Mfg. Co. (Gas Engines, etc)
†*Love Fdy & Mach. Co.

LOUISIANA.

ABBEVILLE—*Ritter J. F.
ALEXANDRIA—*†Alexandria Iron Works
*Murphy John H.
*†§Ruston Foundry & Machine Shop
AMITE CITY—*†§Gullett Gin Co. (Cotton Gins)
ARCADIA—*Goff T. J.
BATON ROUGE—*Hogue S. D. & Son
†*Pearce A. C.
BELCHER—*Mehlin Frank
BERWICK—*†§Watkins Machine Works
CROWLEY—*†Acadia Iron Works (Ltd.)
*†Crowley Iron & Machinery Co.
DONALDSONVILLE—*†§Allen F. H.
EVANGELINE—*Evangeline Iron Works, Ltd.
FRANKLIN—†Le Blanc C. J.
GUEYDAN—*Booze G. W.
*Farmers' Machine Shop (Repair Work, etc.)
HAMMOND—*Diamond Iron Works (Ltd.)
HOUMA—*Bergeron H. J.
JEANERETTE—*†§Moresi Antoine Co., Ltd.
JENNINGS—*Eaton Harry H.
*Getty F. I. (Well Screens, Iron Work, etc.)
LAKE CHARLES—*Michael James
*†§Reiser Machine Shop (Ltd.), (Fdry. & Machinist)
LECOMPTE—*Wiley E. W. Jr.
LEESVILLE—*†Leesville Iron Works
MANSFIELD—*†§De Soto Foundry & Machine Co. (Ltd.)
MINDEN—*Webb Press Co. (Ltd.)
MONROE—*†§Sanders J. G. Iron Works
*†§Weaks Supply Co. (Iron & Brass Foundry & Machinists)
MORGAN CITY—*†Johnston & Hamilton
NEW IBERIA—*Bernard A. M.
*†§Simon Geo. (Est of)
NEW ORLEANS—*Boland Mchy. & Mfg. Co. (Rice & Sugar Machinery), 1006 Tchoupitoulas
*†Crescent Bed Co., Ltd. (Bedstead Mfrs), Gravier & Broad
*Crescent City Machine & Mfg. Works, 628 Tchoupitoulas
*†§Dibert, Bancroft & Ross Co., Ltd. (Sugar Mill Machinery, Engines, Steel, Iron & Brass Castings, etc.), Tulane & Hagan av
*Hinderer's Iron Works (Arch'l Iron, etc.), 118 Camp
*§Johnson Iron Works (Ltd.), Morgan & Sequin
†Killeen's Foundry & Iron Wks.
*§Koretke F. H. Brass Mfg. Co. (Brass Fdrs. & Finishers), 922 Magazine
*Lockett A. M. & Co., Ltd., 533 Baronne
*Louisiana Scale Co. (Scales)
*McDonald Jno. S.
*§Moore Clifton S. (Brass Specialties, etc.)
*Patterson C. T. Co., Ltd., 801 Tchoupitoulas
*§Murphy Jno. H. (Sugar Machinery & Castings), 643 Magazine
*†New Orleans Dry Dock & Shipbuilding Co, Whitney-Central bldg
*New Orleans Machine Works, 509 Conti
*†Orleans Metal Bed Co. (Iron Bedsteads), 1518 City Park
*†§Payne & Joubert Machine & Foundry Co. (Sugar Machinery & Brass & Iron Castings, etc), Howard & Euphrosine
*†Shakespeare Iron Works, 913 Girod
*†§Southern Machine Works, 835 Tchoupitoulas
*†§Southern Pacific Ry. Shops
*†§Stern Fdry. & Machy. Co.
*Sulpice L. F.
†Sutton J. P.
*†Sutton's Fdry. & Structural Steel Wks
*†Swoop Julian M., 913 Girod
*†§Whitney Iron Works Co. (Fdrs. & Machinists, Sugar Machy, etc), 849 Tchoupitoulas
PLAQUEMINE—*†§Nadler Henry

LOUISIANA—continued
RAYNE—*Stamm, Scheele Mfg. Co. (Ltd.)
SHREVEPORT—*†§Henderson, W. K. Iron Works & Supply Co. (Saw Mill Mach'y, Castings, etc.)
*Woodward Wight & Co, Ltd, Constance & Howard
*†White Benj S, Machine Shop & Foundry
SPANISH FORK—†§*Larsen C. R.
THIBODAUX—*†Jeffries Wm.
†§*Thibodeaux Fdy.
*†§Keefe Lawrence, Estate
WASHINGTON—*McNicholl John
WELSH—*Armstrong Mach. & Well Wks. Co. (Ltd.)
*Van Ness M. B.

MAINE.

AUBURN—Androscoggin Foundry Co., (Grey Iron Founders)
*Crawshaw J. M.
*Ray Wm. A., Jr.
AUGUSTA—*Fifield Bros. Co. (Gasoline Engines, etc.)
*Gay Geo. E. (Machinist & Engineer)
*Skehan W. J. & Co.
BANGOR—†Noyes & Nutter Mfg. Co. (Stores & Castings)
*†§Penobscot Machinery Co.
*Purington Andrew B.
*Schwartz's M. Sons
*†§Union Iron Works (Iron & Brass Fdrs. & Paper & Pulp Mill & Wood Working, etc.)
†Wood & Bishop Co. (Stoves, etc.)
BATH—*†Bath Automobile & Gas Engine Co. (Gas Engines, etc.)
*§Bath Iron Works, Ltd. (Ship Builders & Marine Engines & Brass Fdrs.)
*†§Hyde Windlass Co. (Windlasses, etc.)
*†§Torrey Roller Bushing Works (Roller Bearing Bushings, Iron & Brass Castings)
*§Watson, Frye & Co. (Pulp Mill Castings, Plug Cock & Valves)
BETHEL—*Herrick Bros.
BIDDEFORD—*†§Saco-Lowell Shops (Cotton Machinery) (See Newton, Upper Falls, Mass.)
BOOTHBAY HARBOR—*Thurston H. T. Co.
BRIDGTON—*†§Bridgton Machine & Lumber Co.
*Halkett J. H. (Machinist)
BRUNSWICK—*Brunswick Mfg. Co. (Ferrules, etc.)
BUCKFIELD—*Damon Arlington (Machinist)
CALAIS—*Elliott Machine Co.
†§McCullough & Tait
CAMDEN—*†Camden Anchor-Rockland Machine Co. (Anchors & Gasoline Engines)
*†§Knowlton Bros. (Brass & Iron Fdrs. & Machinists)
CARIBOU—*†Getchell J. S. & Son
CHERRYFIELD—†*Wakefield E. C.
DEXTER—*†§Fay & Scott (Machine Tools & Iron & Brass Fdrs.)
EAST BOOTHBAY—*†Booth Bay Gas Engine Co. (Gas Engines, etc.)
*†Rice Frank L. Motor Co. (Motors, etc.)
EAST WATERFORD—*Haskell J. B.
ELLSWORTH—*†§Ellsworth Fdry. & Machine Works
GARDINER—*†§Hodgkins J. F. Co. (Journal Bearings, Brasses, etc.)
*Scribner Harvey (Est. of) (Shingle Machinery)
HALLOWELL—*†§Fuller's Geo. Sons (Brass & Iron Castings, etc.)
*North Wayne Tool Co. (Scythes, Axes & Tools, etc.)
HARRISON—*†Ricker T. H. & Sons Co. (Wood Working Mchnry.)
HOLLIS CENTER—*Colclough C. A. (Machinist)
HOULTON—*Cates H. M. & Son
*†Houlton Fdry. & Machine Co (Fdrs. & Machinists)
†§Leatheroid Mfg. Co.
KENNEBUNK—§Enterprise Brass Fdry.
*†Varnay Geo. (Agrl. Implements & Castings)
LEWISTON—*Harvey Geo. E.
*King Mach. Shop
*Rand W. Clarence (Machinists)
LIVERMORE FALLS—*Allen Albert (Machinist)
*†§Record Fdry. & Machine Co.
MECHANIC FALLS—*†§Penney J. W. & Sons Co. (Steam Engines & Iron & Brass Fdrs., etc.)
MILFORD—†§*Ward N. H.
MILLBRIDGE—*Foster A. V.
MILLINOCKET—†§Millinocket Foundry & Machine Co.
NORTH BERWICK—†§Hussey Plow Co. (Agrl. Implts., etc.)
NORWAY—*Murdock Francis W.
OAKLAND—*Bates A. B. Co
*Dunn Edge Tool Co. (Axes, etc.)
*Emerson & Stevens Mfg. Co. (Axes, Scythes, etc.
*King John (Axes, etc.)
*†§Oakland Foundry & Machine Co.
OLD TOWN—*†§Chapman's T. M. Sons Co. (Wood Working Mach'y, etc.)
ORONO—*Mansfield Edw. & Co. (Cantdogs, etc.)
PORTLAND—*Adde & Co.
*†§Babbitt Chas. E. (Brass & Iron Fdrs. & Machinists)
*Conant R. O. Co. (Canning Machy, etc.)
*†Fletcher & Crowell Co. (Iron Fdrs. & Bldrs Iron Work)
§Knight Bros. (Brass Fdrs., etc.)
*Laughlin Thos. Co.
†§*McDonald A. Y. Mfg. Co.
*Maine Electric Co. (Dynamos, Motors, Engines, etc.)
§Megquier & Jones Co. (Bldrs. Iron Work)
*Orr & Jennings (Machsts. & Castings)
*†§Portland Co. (Steam Engines, Paper & Pulp Machy & Iron & Brass Fdrs., etc.)
†Portland Stove Foundry Co. (Stoves, etc.)
*Smith & Langmaid
*Southworth Machine Co. (Printers' & Bookbinders' Machinery)
*Stickney Henry R. (Can Filling Machines, etc.)
†§*Camden Anchor Rockland Mach. Co.
ROCKLAND—*Livingston Mfg. Co. (Stone Working Tools)
*Shuman I. J.
RUMFORD — *†§Clark Foundry Co. (Punches & Shears, etc.)
SKOWHEGAN—*†§Hackett & Witham
†§*Skowhegan Fdy & Mach Wks.
SOUTH PARIS—*Jones Walter S.
†Penley Gilman H.
SOUTH PORTLAND — §*Marine H'dwe Equipment Co.
SOUTH UNION—†Ripley C. S.
WATERVILLE—*Lombard Traction Engine Co.
†Noyes Stove Co. (Stoves)
*†§Waterville Iron Works (Pulp Wood Machinery)
WESTBROOK—*†Foster-Brown Co.
†Jordan Rufus K. (Iron Fdry.)
*Knowlton Machine Co.
WEST GARLAND — *Gordon H. L.

MARYLAND.

BALTIMORE—*Adt, Jno. B. Co. (Brewers & Maltsters, Tobacco Machinery, etc.), 340 N Holliday
*American Compressor & Pump Co. (Air Compressors, Vacuum Presses, etc.) 801 E Pratt
*Anderson G. A. Mfg. Co., Bush & Russell
†Armstrong Stove & Mfg Co.
§Baltimore Brass & Plating Works, 118 E Center
*†Baltimore Car-Wheel Co. (Electric Car Trucks & Wheels). Fulton Station
*†§Baltimore Gas Appliance & Mfg. Co. (Gas Ranges, etc.) Bayard & Hamburg
Baltimore Malleable Iron & Steel Castings Co., S Charles & Wells
*†Baltimore & Ohio R. R. Co. Baltimore & Charles
*†Bartlett, Hayward Co., (Gas Works Machinery Iron Founders, etc.), Scott & McHenry
*†Bates Elevator Co. (Elevator Bldrs., Castings, etc.), 211 President
*†Bibb B. C. Stove Co. (Stoves, etc.) 109 Light
Black & Decker Mfg. Co. (Contract Mfg., Special Machy., etc.), 111 S. Calvert
*§Boehm Henry E. & Co., 306 N Holliday
*Brown F. S. & G. L. Machine Co. (Presses, Dies & Sheet Metal Tools), 20 E Fort av
*Burt Machine Co. (Canning Machinery), 403 E. Oliver
*Cahill W. S. Co. (Ship Builders, Engines, etc.), ft of Webster
*Calvert Machine Co., 1606 Thames
†Caroline Fdy Co.
†Carr Stuart R. & Co. (Iron Founders), Boston & Montford av.
*Cassard Hamilton (Broom Machinery), Holliday & Pleasant
*Central Foundry Co. Dundalk
*Chesapeake Iron Works (Builders' Iron Work & Castings), Westport
*Chesapeake Machine Co. Eastern av
*Chesapeake Marine Railway Co., Philpot cor. Point
*Coale Muffler & Safety Valve Co., 325 E Oliver
*Codd E. J. Co. (Machinists, etc.), 700 S Caroline
*Crook H. E. Co., Inc., 28 Light
*§Crown Cork & Seal Co., 1511 Guilford av.
*Detrick & Harvey Machine Co. (Machine Tools, etc.), 508 E Preston
*†De Ved & Sons Sash Weight Co. (Builders' Castings), 813 S Howard
*Dietrich Bros. (Jail Guards, Bridge Rods, Plates, etc.), cor Pleasant & Davis
*§Diez & Roemer Brass Co., 212 Fallsway
*Dix Mfg. Co. (Door Hangers), Eager & Fallsway
*Dixie Mfg. Co. (Dust Collectors, Exhaust Fans, etc.), Stockholm & Russell
*Dorman J. F. W. Co. (Rubber Stamp Machinery) 526 N. Calvert
§*Eichman J. S. Mfg. Co.
*Eisenbrandt F. B. (Gas Engines) foot of Light
***ELLICOTT MACHINE CORP.** (Dredging Machinery, Grey Iron Castings, etc.), Bush & Severn. *See adv index at end of book*
*Fadum Fred'k (Machinist), 408 W German
§Farrell Edw., P. (Brass Fdry. & Finishers), 1414 Philpot
*Fauntleroy Elevator Co. (Elevators, etc.), 8th nr. Pratt
*†Flynn & Emrich Co. (Founders, Engines & Machinists), 305 N Holliday
†Foster Bros. Mfg. Co. (Iron Beds, etc.), 320 N Holliday
*§Gibson & Kirk Co. (Brass Fdrs., etc.), 217 Key Highway
§Gisriel Wm. & Son, Federal & Guilford av
†Greenmount Iron & Mfg. Co. (Grey Iron Castings), 889 Greenmount av
*Harms Bros. (Gas Engines), 1730 Thames
*Hollingsworth Wm. (Gas Engines, etc.), 229 N Holliday
*Hutcheson Wm. (Brass Finisher & Machinist), 212 N Holliday
†Hutchinson Bros. (Stoves, Furnaces, etc.), 5 S Howard
*Ives Mfg. Co., 203 Hanover
†Jones Hollow Ware Co. Forrest & Madison
*Jones Jno. T. Sons (Canning Machinery, etc.), 734 E Lombard
§*Kavanaugh Jos. M.
*Kemp C. M. Mfg. Co. (Gas Machines, Cellar Drainers, etc.), 405 E Oliver
†Kennedy's P. Foundry (Grey Iron & Castings), S Charles & Wells
*Knapp Fred Co. (Labelling), Lexington st bldg
*Kries Henry A. & Sons, 8 W Lombard
†§Kugler & Shane, Woodall & Clement
†Lacy Jas. J. Co. (Propeller Wheels, Grey Iron Castings, etc.), Block & Wills
*Lazenby F. A. & Co., 414 Key Highway
*†Levering Bros. (Sash Weights, Grey Iron Castings, etc.), Wicomico & Monroe
*§Liberty Brass Works (Brass Castings, etc.), 305 W Lombard
§Limerick J. A. Co.
*McClenahan H. J. & Co. 617 Water
*§McShane Bell Foundry Co. (Bell Founders, etc.), Harford av & B. & O. R. R.

*§Mackin F. M. & Co., 1729 Lamont av
*MacRae Hector C. (Electrical Storage Batteries, etc.), 316 St. Paul
*Marquette John N. Sons (Fertilizer, Machinery, etc.), 513 S. Eden
§Maryland Brass & Metal Works (Brass & Bronze Castings, etc.), Guilford & Federal
§*Maryland Car Wheel Wks
*Maryland Dredging & Contracting Co. (Marine Repairs), Fidelity bldg.
*Maryland Metal Cross Tie Co., 901 Munsey bldg
†Meiser H. & Son (Iron Fdrs., Bldrs. Iron Work, etc.), 204 Clay
*Mergenthaler Co., 118 Hollingsworth
*Mitchell Jno. R. Co. (Pineapple Mach'y, etc.), 702 S Washington
*Monarch Engineering & Mfg. Co., American bldg.
*Monitor Mfg. Co. (Electric Motor Controllers, etc.), 514 E Lombard
*Moore Machinery Co. (Special Machinery, etc.), 217 North
*Murrill & Keizer (Light Machy., Pattern & Model Work, Special Machy., etc.), 206 N Holliday
*§National Supply Co. Casters, Brass Fdrs & Finishers, etc.), Curtis bldg
*Obrecht Chas. F. Co., 8 E Perry
*Page Engineering Co. (Marine Gas Engines), Clagett & Hull
*Phelps Walter J. (Canners' Machinery), ft. of Lawrence
*†§Poole E. H. & Co., 1513 Orleans
*†§Poole Engineering & Machine Co. (Power Transmitting, Rolling Mill Machy., etc.), Woodberry Station
*Renneburg Edw. & Sons Co. (Canning House Machinery, etc.), 2639 Boston
*§Richardson Edro Brass Co. (Brass Fdrs. & Finishers), 318 N Holliday
*Rittenhouse, Fleury Co, 316 N Holliday
*Robins A. K. & Co. (Stove & Canning Machinery), 116 Market place
Rowan Controller Co. The, 308 N Holliday
*†Sackett A. J. (Fertilizer Machy., etc.), cor 4th av & 1st
†Sexton S. B. Stove & Mfg. Co. (Stoves, etc.), 9 S Gay
*†Sheppard Isaac A. & Co. (Stoves etc.), Eastern av & Chester (See Phila., Pa.)
*Sinclair-Scott Co. (Canning Machy., etc.), Wells & Patapsco
*Slaysman & Co. (Can Makers' Machy.), cor Pratt & President
*Spedden Ship Bldg. Co. (Ship Builders), Boston & Kenwood
*Starr B. F. Co. (Grinding Mills, etc.), Guilford av & Center
*Stebbins Wallace & Sons, 100 S Charles
*Stevenson & Co. (Can Makers' Machy.), 607 S. Caroline
†Symington T. H. Co. Md. Trust bldg. (Railroad Supplies)
*Universal Machine Co., Industrial bldg
*§Walther Geo. W. & Co., 208 W. Fayette
*†§Weiskittel A. & Son Co. (Stoves, Ranges, Porcelain Enameled Bath Tubs, Iron & Brass Founders), 12th & E Lombard
*White Chas. Gas Engine Co. (Gas Engines), So. Charles & Winder
*Zastrow Geo. W. (Pineapple Machinery, etc.), 1410 Thames
Zies Chas. & Sons (Brewers' & Butchers' Machinery, etc.), 320 S Fremont av.

CAMBRIDGE—*Shackelford Edgar.
CUMBERLAND—*†§McKaig Merwin
*†§Maryland Mould & Foundry Co. Grey Iron Castings)
*†Williams Foundry & Machine Works
EASTON—*†§Withgott W. H. & Co.
ELKTON—*McQuilkin Geo. (Machinist)
†Powers Jas. F. Fdry. Co. (Iron Fdry.)
EMMITSBURG—*†Fraley Bros. (Iron Fdy.
FREDERICK—*Abbott's Machine Shop
*†American Foundry & Mfg. Co.
†§*Maryland Iron & Steel Co.
*†§Morris Iron & Steel Co. (Elec. Ry. Line Materials, Grey Iron Castings, etc.)
GALENA—†Hyland Wm. A. Jr. (Wood Printing Machines)
GLENARM—*Hooper Francis X. Co.
HAGERSTOWN—*†Foltz Mfg. & Supply Co. (Iron Fdry. & Machinists)
†Hagerstown Foundry Co.
§Hagerstown Metal & Refining Co.
*†Hull's D. F. Son
*Rupp Mfg. Co.
HANCOCK — *†Hancock Fdry. Machine Works
MANCHESTER—*†Shower Wm. H.
MT. SAVAGE—†§*Union Mining Co.
PERRYVILLE—†Armstrong Stove & Mfg. Co. (Stoves, etc.)
POCOMOKE CITY—Pocomoke Foundry & Machine Wks.
PORT DEPOSIT—*†Bibb B. C. Stove Co. (See Baltimore, Md.)
SALISBURY—*Grier F. A. & Sons
*†§Grier R. D. & Sons Co.
SOUTH BALTIMORE—(See Baltimore)
SPARROWS POINT—*†§Maryland Steel Co.
WESTERN PORT—†White Bros.

MASSACHUSETTS.

ABINGTON—*Lamson E. F.
ADAMS—†*Allen Fdy.
AMESBURY—*§Amesbury Brass & Foundry Co. (Brass, Manganese Bronze, etc., Castings)
*§Baker Foundry & Machine Co.
§Murphy G. W. J. Co.
*Pettingell Machine Co.
ARLINGTON HEIGHTS—*Arlington Machine Works (Textile machinery)
ASHBURNHAM—*Almond T. R. Mfg. Co. (Drill Chucks, Countershafts, etc.)
ASHLAND—*Lombard Governor Co. (Water Wheel Governors, etc.)
*Ray Bros. (Printing Presses)
ATHOL—*†§Athol Machine Co. (Machinists' Fine Tools, etc.)
*§Athol Pump Co. (Pumps & Brass Castings)
*Gerry Geo. & Son (Textile Machy.)
*STARRETT L. S. CO. (THE) (Machinists' Fine Tools, etc)
See adv index at end of book
*Union Twist Drill Co. (Gear & Milling Cutters, etc.)
ATTLEBORO—*Clegg Mfg. & Tool Co. (Special Machinery)
*Mossberg Frank Co. (Dies, Special Machinery & Tools)
§Owren Casting Co.
AYER—*Chandler Machine Co.
Dress Plaiting Machinery & Jobbing
BARRE—*†Allen Chas. G. Co. (Drill Presses, Self-Opening Dies, etc.)
BEVERLY—*Naumkeag Buffing Machine Co. (Buffing Machines, etc.)
*Reid Bros. Co. (Surface Grinders & Gauges)
*Smith Ira A.
*†United Shoe Machinery Co. (See Boston)
BOSTON—*Allington & Curtis Mfg. Co., 18 L. (See Saginaw, Mich.)
*American Finishing Machinery Co., 141 Milk
*American Motor Equipment Co. (Gasoline Engines) 181 Mass. av.
*American Postal Machines Co. (Stamp Cancelling), 295 Congress
*American Shade Machine Co., 19 Milk
*§American Soda Fountain Co., 282 Congress
*§American Steam Gauge & Valve Mfg. Co. (Gauges, Valves, etc.), 208 Camden
*†§American Tool & Machine Co. (Centrifugals, Hydro-Extractors, Brass Finishers' Lathes, Waste Washing Machines, etc.), 10 High
*American Warp Drawing Machine Co., 95 Milk
*†Ames Plow Co. (Agrl. Implts. & Machines), Quincy & Hall
*Ames Shovel & Tool Co., Ames Bldg.
*§Anderson Albert & J. M. Mfg. Co. (Elec. Ry. Light & Power Machinery & Brass Fdrs., etc.), 289 A
*Angell Elevator Lock Co. (Elevator Safety Locks), 370 Atlantic av
*Arbetter Felling Machine Co., 242 Dover
*Armstrong F. A. W & Co., 358 Atlantic av
§*Ashton Valve Co.
*Atlantic Works (Ship Engine Builders), 80 Border, E B
§Atlas Brass Foundry Co., 155 A. S. B.
*Automatic Box Machinery Concern, 270 Congress
*Babson Dow Mfg. Co.
*Barrett Bros. (Special Machinery), 43 Haverhill
*§Barrett Jas. Mfg. Co. (Plumbers' Iron & Brass Specialties, 117 Pearl
*Bartlett E. (Bench Planers, Arbor Presses, etc.), 326 A
*Bassill Louis Co. (Brass Finishers), 100 Utica
*†Bay State Heating & Sprinkler Co., 49 Haverhill
Bay State Pump Co. (Tire), 100 Purchase
*Beaudry & Co. (Power Hammers, etc.), 141 Milk
*†§Bent G. W. Co., 93 Causeway (Bedsteads)
*Bertelsen & Petersen Engineering Co. (Ship Machinists), 256 Border
*Blake G. F. Mfg. Co. (Pump Mfrs.), 200 Devonshire
*Boston Bottling, Wiring & Labeling Co., 23 Wormwood
*§Boston Brass Andiron Co. (Brass Fdrs. & Finishers), 104 Utica
§Boston Foundry Co. (Brass Castings), 210 Border
*Boston Bridge Works (Traveling Structural Steel Work, etc.), 47 Winter
*§Boston Casting Co., 156 Pearl
*§Boston Coupling Co. (Machinists & Brass Finishers), 156 Pearl
*§Boston Elevated Railway Co., 101 Milk
*Boston Nickel Plating Co. (Brass Finishers), 160 Portland
†Boston Sash Weight Co., 79 Milk
*Boston Scale & Mach. Co. (Angle Plates), 100 Ruggles
*§Boston Steam Specialty Co. (Steam Traps, Separators, Indicators, Lubricators, etc.), 332 A
*Boston & Lockport Block Co. (Tackle Blocks, Diaphragm Pumps, Differential Hotels, etc.), 100 Condor, East Boston
*Boylston Mfg. Co. (Shoe Machinery, etc.), 251 A.
*Brackett, Shaw & Lunt Co., (Gasoline Engines) 62 Washington N
*†Bradlee & Chatman Co., (Heaters) 54 Canal
*Bradley Pulverizer Co., 92 State
*Brown Beer Pump Co. (Brewers' Supplies), 11 Chardon
*Burke P. F. (Toe Calks, etc.), Damrell S.
*Buzzell J. G. & Co. (Boot and Shoe Machinery). 102 High
*Cahill Michl. F. ("Cahill" Brass Ferrules, etc.), 710 E 2nd
See adv index at end of book
*Campbell-Bosworth Machine Co. (Harness Machinery), 205 Lincoln
*Carson Trench Machine Co. (Trench and Excavating Machinery, etc.), 16 Dorrance
†Central Foundry Co., 105 Cummings
*Champion Button-Hole Machine Co., 641 Atlantic av
*Child Acme Cutter & Press Co. (Bookbinders' Machinery) 184 Summer
§Clark D. W. & Co. (Brass Works & Aluminum Castings), 280 1st
*Codman F. L. & J. C. Co. (Buff Wheels, etc.), 15 Elkins, S. B.
*Coffin Valve Co. (Valves, Sluice Gates, etc.), Neponset
*Columbia Mills, 123 Kingston (See New York)
*Costmeter Co., 295 Franklin
*Crandall Engineering Co., 102 Border, E. B.
*§Crosby Steam Gage & Valve Co. (Steam Specialties), 40 Central
*Cross Paper Feeder Co., 185 Summer
*Cummings Machine Works (Shoe Machinery) 110 High
†Cunningham J. H. Co., 269 Congress
§Dahlquist Mfg. Co. 40 W. 3d, S. B.
See adv index at end of book
*†Dalton-Ingersoll Mfg. Co. (Plumbers' Brass Goods), 52 Chamey
*Davis I. B. & Son (Pump Mfrs.) 7 Pearl
*§d'Este Julian Co. (Steam Specialties, Brass Fdrs. & Finishers), 24 Canal
*Dodge H. C., Inc. (Turret Lathes), 46 Alger
§Dorchester Brass & Aluminum Foundry, Jamaica Plain
§Duncan Wm. 288 Meridian, E. B.
*Edison Mfg. Co. (Diaphragm & Force & Lift Pumps, etc.), 257 Atlantic av

MASSACHUSETTS—Boston—continued

*Electric Blower Co. (Blower Mfrs., etc.), 352 Atlantic av
*Empire Laundry Machinery Co. (Laundry Machinery), 352 Western av
*Ensign Mfg. Co. (Calculating Machines), 19 Brook, Fanueili
†Estabrook's R. Sons (Soil Pipe & Fittings & Castings, etc), 202 W 1st
See adv index at end of book
Eveready Mfg. Co. of Boston (Paper Clips & Fastners Machine Mfs.)
*Eyelet Tool Co., 40 Lincoln
§Federal Brass Fdy. Co.
*Finch J. H. Co. (Brass Finisher), 24 Beach
*Fitzhenry E. L. & Co. (Yacht & Launch Engines, etc.), 49 Washington N
*Fraser Warren F. Co., Freeport
*Freeman F. W. Co. (Dies, Metal Stamping, etc), 160 Portland
*†§Gibby Foundry Co. (Grey Iron & Brass Castings), 96 Condor, E. B.
†§Gibson Bedstead Co., 25 George (Castings)
§Gilchrist Geo. E. Co. (Brass Fdrs. & Finishers), 106 High
*Gillette Safety Razor Co. (Safety Razors), 41 W. 1st
*Grant Gear Works (Gears & Pinions, etc.), 151 Pearl
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§Granular Metal Co., 77 Farnum
*Gray-Aldrich Co. (Gasoline Engines) 33 Commercial Wharf
Grundy J. E. & Co. (Brass Finishers), 82 Sudbury
*†Gurney Heater Mfg. Co. (Heaters, Radiators, etc.), 188 Franklin
†§*Gurney Heater Mfg. Co.
*§Hall Wm. Co., (Locks & Trolley Line Materials, etc.), Quincy
*Ham L. M. Co., (Cold Iron Sawing & Coping Machines, etc.), 158 Portland
*§Hamlin & Emery Brass Co. (Brass Goods & Castings), 49 Island
*§Hancock Inspirator Co. (Injectors & Ejectors, etc.), 23 Watson. Office: New York
†Harrison Square Fdy. Co.
*Hart Mfg. Co., 352 Atlantic av
*Hart. Thos. H. Co., 364 Atlantic av
*Hartford Bros. (Shoe Machinery) 102 South
*Haskell-Dawes Machine Co. (Machinery). 176 Federal; Works: Phila., Pa.
*§Hersey Mfg. Co. (Sugar & Soapmakers Machy., Water Meters, etc). 314 W Second. S. R.
*Hetherington John & Sons Ltd. (Cotton machinery, 178 Devonshire
*Highland Machine Co. (Machinists' & Pattern Makers, etc.), 56 Kemble, Rox
Beach Mfg. Co. (Screw Machine Products), Little bldg
*Holmes & Blanchard Co., (Fertilizer Machinery,) 31 State
*†Howes S. M. Co. (Stoves, etc.), 42 Union
*Howes Forest E. (Jobbing), 307 Atlantic av
*Huff Electrostatic Separator Co. (Ore Separators) 69 India
§Hungerford U. T. Brass & Copper Co. of Boston, 95 Broad
*§Hunt Harry (Brass Founder & Finisher, Dies, etc.). 97 Haverhill
*Hunt-Spiller Mfg. Corp. (Locomotive & Gun Iron Castings), 383 Dorchester av
*Jarvis Engineering Co., (Injectors & Ejectors), 261 Franklin
*Jaquith Machinery Bureau, Inc. (Special Machinery), 100 Purchase
*Jerguson Gage & Valve Co., 358 Atlantic av
*Jones Mfg. Co. (Water Filters), 243 Franklin
*Kinney Mfg. Co. (Power Pumps, etc.), 3541 Washington
*Knapp, Gardner & Co., 62 Sudbury
*Knight & Thomas, 212 Summer
†Krasser, F. & Co. (Iron Fdrs.), 31 George Rox
*†Laconia Car Co. (Electric Cars & Trucks & Malleable & Grey Iron Castings). 60 Congress. Works: Laconia, N. H.
*§Lamson Co., 100 Boylston. Works: Lowell, Mass.
*Lang J. A. & Sons (Dies, Tools & Light Machy.), 280 Dover
†Lincoln Geo. H. Co. (Iron Fdrs.), 191 Old Colony av, S. B.
*†§Livermore Hower F., Inc. (Steel & Malleable Castings), 85 Pearl
*Lockett Crimping Machine Co., 77 Summer
*†Lockwood Mfg. Co. (Marine Engines, Propeller Wheels, etc.), 65 Sumner, East Boston
*Long J. H. Machine Co., 184 High
*Ludlow Valve Mfg. Co., 141 Milk
*Lufkin John W. & R. H. (Vamp Folding Machy.), 38 Chardon
†Lumdin Steel Casting Co.
*†§Lumsden & Van Stone Co. (Heating, Specialties, etc.), 69 High, E. B.
*Lundin Electric & Machine Co. (Electrical Specialties), 10 Thatcher
*Lunt-Moss Co. (Gasoline Engines, etc.), 43 So. Market
§McCafferty J. H. Co. (Brass & Bronze Founders, etc), 434 Harrison av
*McCulloch A. P. Machine Co. (Tools, Dies & Special Machinery), 216 High
See adv index at end of book
*§McGann T. F. & Sons Co. (Ornamental Brass, Bronze & Iron Works), 117 Portland
See adv index at end of book
*†McKie Shipbuilding Co., 100 Border E B
*McLaughlin Geo. G. Mfg. Co., 24 Washington N
McLauthlin Geo. T. Co. (Machinery Builders), 120 Fulton
*§Macallen Co. (Electric Specialties & Brass Fdrs.), 16 Macallen South
†*Magee Furnace Co., Inc.
*†Magee Furnace Co. (Heating & Cooking Apparatus), 38 Union
*Marshall Son & Co. (Book Binders & Paper Box Machy.), 226 Purchase
*Marston J. M. & Co. (Saws, Wood Working Machinery, etc.), 226 Ruggles
*Mason Regulator Co. (Regulators, etc), 1192 Adams
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§*Mason Regulator Co.
†§*Mass Machine Co.
*†Mead-Morrison Mfg. Co. (Hoisting & Conveying Machinery), cor. Prescott & Orleans E R
†Mechanics Iron Fdry. Co. (Grate Bars, etc.), 38 Kemble, Rox
*Meisel Press Mfg. Co. (Printing Presses & Slitting & Winding Machinery, Contract & Special), 942 Dorchester av.
§*Merriman Bros.
*Metcalf J. C. Machinery Co. (Paper Box Machy.), 102 Pearl
*Miller Trolley Shoe Co. (Contract Work), 15 Elkins
*Moore Geo. W. (Tools, etc.), 44 Farnsworth
*Moore J. W. Machine Co., 592 E 1st S B
*Moore & Wyman Elevator & Machine Works, 72 Granite, S B
†Morandi-Proctor Co. (Cooking Apparatus), 86 Washington
*Morrison, Angus Co. (Machinist & Elevators, etc.), 189 High
§Morse A. J. & Son, Inc. (Fire Dept. Supplies & Brass Finishers), 221 High
*Murray & Tregurtha Co. (Marine Engines, Joints, etc), 340 W 1st
*Nary F. E. (Brass Finishers), 51 Chardon
*Nashua Machine Co. (Steam Traps), 127 Federal
*National Machine & Tool Co. (Machy, Jigs, Tools, Dies, etc.), 253 A
*National Packaging Machinery Co., 172 Green, Jamaica Plain
Nauffts Co. (Plumbers' Specialties), 127 Purchase
*Nelson Blower & Furnace Co. (Gas Producers' Special Machinery, etc), 11 Elkins
Neponset Engine & Machine Co. (Gas & Gasoline Engines), Neponset
*New England Annealing & Tool Co., 74 K, S B
*Nicholas & Stephenson (Machinists), 208 Summer
*Norton A. O., Inc. (Ratchet Screw & Track Jacks), 286 Congress
*Parker Machine Co. (Special Tools, Dies, etc), 221 High
*Pattinson Mfg. Co., 48 Stanhope
§Peckham F. W.
*Peerless Machinery Co. (Shoe Machinery), 44 Binford, S B
*Peerless Motorcar Co. (Motorcycles), 660 Beacon
*Poland Laundry Machinery Co., 47 Kemble
*Power Numbering Machine Co., 299 Marginal, E B
*Puritan Mfg. Co. (Harness Machinery), 121 Beach
*R. & S. Machine Co. (General Machinists), 24 L (South Boston)
*Reece Buttonhole Machine Co., 502 Harrison av
*Reece Folding Machine Co., 502 Harrison av
*Renim Specialty Co. (Electrical Specialties), Brighton
*Ridlon, Frank Co. (Electrical Appliances), 251 A
*Rivett Lathe & Grinder Co., 2 Brooks, Brighton
§Rogers C. E. (Brass & Bronze Fdry.), 34 Beach
*†§Saco-Lowell Shops (Textile Machinery Works), 77 Franklin
*§Scrannage Bros. (Brass Fdrs. & Finishers), 77 Travers
*Seelye Mfg. Co. (Shoe Machinery), 118 South
*Shaw Propeller Co., 15 Elkins
*Shawmut Machinery Co. (Shoe Mach'y), 82 Lincoln
†Smith & Anthony Co. (Stoves Works), 52 Union. Works: Wakefield, Mass.
*†Smith & Lovett Co. (Builders' Castings & Machine Work), 135 Tyler
†Snow W. A. Iron Works, Inc. (Architectural), 19 Portland
*Souther John & Co. (Dredging, Machines, etc.), 101 Tremont
*†Standard Rivet Co. (Rivet & Staple Setting Machines, etc), 41 Lincoln
*Standard Shoe Tying Machine Co., 19 Lincoln
*Stanley Co. (Gasoline Engines), 79 Milk
*§Star Brass Mfg. Co. (Steam Specialties & Brass Fdrs.), 108 E Dedham
§Star Refining Co. (Brass Fdrs., Babbitt Metal, etc.), 116 W. First
*Stevens Type & Press Co., 183 High
*Strater Herman & Sons (Brass Fdrs. & Finishers, Bar Fixtures, etc.), 74 Sudbury
*Sturtevant Mill Co. (Cement & Pulverizing Machy.), Dorchester
*Tarbett W. A. & Co., 287 Atlantic av
*Terkelsen & Weinberg, 328 A
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*Tolman Mfg. Co., 19 W Third
*Trimount Rotary Power Co. (Pump Manufacturers), 18 Heath
*Tufts Nathaniel Meter Co. (Gas Meters), 455 Commercial
*Union Button Sewing Co., 394 Atlantic av
*Union Gear & Machine Co. (Gears, etc), 27 Purchase
*Union Lock Stitch Co. (Sewing Machines), E. Boston
*United Hammer Co. (Power Hammers, etc), 141 Milk
*§United Injector Co., 23 Watson
*United Mattress Machinery Co., 19 Milk
*United Printing Machinery Co. (Printing & Litho. Machy., etc.), 100 Summer
*†United Shoe Machinery Co. (Shoe Machinery), 205 Lincoln
*United States Automatic Box Machy. Co., 172 Green, Jamaica Plain
*Universal Winding Co. ("Leesona" Textile Machinery), 95 South
§Vannevar E. B. Co.
*Wade Machine Co. (Punches, Dies, etc.), 817 Albany
*Wade Walter H. 311 Atlantic av
*†Walker & Pratt Mfg. Co. (Stoves, Radiators, etc), 31 Union
*†§Walworth Mfg. Co. (Pipe Cutting & Threading Machines, Stocks & Dies, & Iron & Brass Fdrs., etc), First, S B
†Waters Governor Co., 141 Milk
*Welch T. F. Co. (Gears & Specialties), 55 Sudbury
*Whitney F. E., 65 Sudbury

*†Whittier Machine Co. (Elevators, Iron Fdrs., etc.), 34 India
†Wizard Mfg. Co., 92 Water
†*Wollaston Fdy. Co.
*Woods S. A. Machine Co (Woodworking Machy., etc)

BRAINTREE—*Dow Mfg. Co. (Spark Plugs., etc.)

BRIDGEWATER—*Continental Gin Co. (Cotton Gins, etc.)
*†§Perkins Henry Co. (Iron Fdrs. & Wire Nail Machy.)
*†§Stanley Works. (See New Britain, Conn.)

BROCKTON—*Bostock Thos. & Sons (Machinists)
*Brockton Die Co.
*Donnelly Machine Co.
†Grant Bros. Iron Fdy.
*Independent Die Co.
*Kimball Bros. & Sprague (Nail Mill & Tack Machy, etc.)
*Knight Geo. & Co. (Machinists)
†Le Baron E. L. Foundry Co.
*Scott Geo. V. (Machinists)
*Tuck Mfg. Co. (Shoe Knives, etc)
*†United Shoe Machinery Co. (Shoe
*Miller O. A. Treeing Machine Co. Machy.). (See Boston, Mass.)

BROOKLINE—*†Holtzer-Cabot Electric Co. (Electric Mach & Specialties) 125 Amory
*Ritchie E. S. & Sons (Current Meters)

CAMBRIDGE—*Advance Machine Co. (Embossing Machines)
*§Ashton Valve Co. (Steam, Gas & Water Specialties & Brass Fdrs.), 161 First
†Barbour Stockwell Co. (Street Railway Specialties & Castings)
*Blanchard Machine Co. (Machine Tools)
*Boston Bridge Works (See Boston)
*Boston Machine Screw Co., 17 Tudor
*§Boston Woven Hose & Rubber Co. (Hose Couplings, Nozzles, etc.)
†Broadway Iron Foundry Co. (Iron Fdrs.)
*†Cambridge Iron Works (Castings, etc.)
*Carpenter L. A. Press Metal Co.
Carroll A. P. Machine Co., 92 B'way
*Clark & Mills Elec. Co. (Electric Specialties)
Crofoot Gear Works (Gears)
*Elliott Co. (Addressing Machines), 143 Albany
*Davis F. H. (Paper Mill Machinery) (See Boston, Mass.)
*Dyer G. H. Company
*§Essex Brass Foundry Co.
*Excel Mfg. Co., 7 Sherman
*Field Walter W. & Son (Hoisting Engines, etc.)
*General Radio Co. (Wireless Telegraph Apparatus), 11 Windsor
*Holmes Chas. Leather Working Machinery Co.
*Mobach Tool & Machine Mfg. Co. (Vises & General Contract Wk.), 330 Atlantic av
*†Roberts Iron Works Co. (Fdrs., etc.)
*Seelye Mfg. Co. (Shoe Machy., etc.)
*Shaw, Hamlin J.
*Simplex Electric Heating Co.
*†§Worthington Pump & Machinery Corp. (Blake & Knowles Works)

CAMPELLO—†Grant Bros.
†N. E. Fdy. & Machy. Co.
Precision Tool Co. (Screw Machine Products, Tools, etc)

CANTON—*Samson Electric Co. (Electrical Goods, etc.)

CHARLESTOWN—Eclipse Machine Tool Co., 7 Sherman

CHELSEA—*Connolly Steel Casting Co. (Steel Castings)
*†Griffin Wheel Co. (Car Wheels) (See Chicago, Ill.)
*†Lovewell-Henrici Co. (Laundry Machy.)
*†Magee Furnace Co. (See Boston, Mass.)
†Market Forge Co.
†Smith A. L. Iron Works (Ornamental Iron Work, etc.)
*†Snow W. A. Iron Works (Stable Fixtures & Ornamental Iron Works, etc.)
*§Union Metal Works

CHICOPEE—§Ames Sword Co.
*†§Spalding A. G. & Bros. Mfg. Co.

CHICOPEE FALLS—*†Belcher & Taylor Agricultural Tool Co. (Agri. Implements & Tools)
*†Lamb Knitting Machine Co. (Textile Machy.)
*National Scale Co. (Counting Machines, Trucks, etc), 11 Hendricks
*Stevens J. Arms Co. (Fire Arms & Accessories)

CLINTON—*†§Clinton Foundry Co. (Machinists' Iron & Brass Castings for Builders & Machinery)
*Clinton Wire Cloth Co.
*Gibbs Loom Harness & Reed Co. (Textile Machinery)

CONCORD—*Hancock W. C.

CONWAY—*Conant & Donelson Co. (Screw Cutting Tools, etc.)
§Buckley J. N.

DALTON—*Jordan G. J. (Machinists)

DANVERS—*Nightingale J. E.

EAST BRIDGEWATER—*†Carver Cotton Gin Co. (Cotton Gins, etc.)
†§Old Colony Foundry Co.

EAST BRIMFIELD—*Snell Mfg. Co. (Ship Augers, etc.) See Fiskdale

EASTON—†Belcher Malleable Iron Co. Malleable Iron & Steel Castings)

EAST PEPPERELL—*Blake H. & Son (Machinists)

EASTHAMPTON — †Easthampton Fdy. Co.

EAST TEMPLETON—Bay State Metal Wheel Co.

EVERETT—*Bent G. W. Co. (Iron & Brass Bedsteads)
*Blount J. G. Co. (Machine Tools)
§Downs B. J.
*†National Metallic Bed Co.
*New England Gas & Coke Co. (See Boston)
*†New England Structural Co. (Bldrs.' Iron & Steel Work)
*Porter Henry K. (Bolt Clippers, etc), 6 Ashland.
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FAIRHAVEN—*†Fairhaven Iron Foundry Co. (Iron Fdrs. & Steam Motors, etc.)

FALL RIVER—*Ashworth Bros.
*Bates Geo. A. & Son (Machinists)
*Coldwell Gildard Co. (Cotton Machinery)
*†Cote Piano Mfg. Co.
*Covel Machine Co. (Machinsits)
§Creighton Thos. J. & Co.
*†§Fall River Fdry. & Machine Co. (Iron & Brass Castings & Cotton Machy.)
*Fall River Steam & Gas Pipe Co. (Machinists, etc.)
*Fyans, Fraser & Blackway Co.
*Kay H. E. (Est. of) (Lathes, Chucks)
*†§Kilburn, Lincoln Machine Co. (Textile Machinery, Looms & Water Wheels, etc.)
*†§Mechanics' Foundry & Machine Co. (Iron & Brass Fdrs. & Machinists)
*Shea Bros. (Machinists)
*Thurston A. G. & Son (Machinists)

FISKDALE—*Snell Mfg. Co. (Augurs, Bits, Countersinks, Nails, etc.)

FITCHBURG—*Blake Pump & Condenser Co. (Steam Pumps & Condensers)
*Brown Bag Filling Machine Co. (Paper Bag & Envelope Machines, etc.)
*Cowdrey C. H. Machine Works (Special Machinery)
*Deane Machine Co. (Special Machy., etc)
Fitchburg Automatic Machine Works
*Fitchburg Grinding Machine Co. (Grinding Machine)
*Fitchburg Machine Works (Turning Lathes)
*Fitchburg Steam Engine Co. (Engines, etc.)
*†Goodnow L. H. Foundry Co. (Iron Fdrs., Heavy Fly Wheels, Engine or Machine Castings)
*§Hardy Wm. A. & Sons Co. (Brass & Bronze Castings, Screen & Suction Plates, etc.)
*†Johnson's Iver Arms & Cycle Works (Fire Arms, Bicycles, etc.)
†Perault Moses J. (Iron Castings, Fly Wheels, Pulleys, etc.)
*†§Putnam Machine Co. (Lathes, Planing Machines, etc)
*Simonds File Co. (Files, etc.)
***SIMONDS MFG. CO.** (Saws, Machine Knives, etc.)
See adv index at end of book
*Tyrrell Harian P.
*†Union Foundry Co.
*†Union Machine Co. (Paper & Pulp Mill Machinery & Iron Fdrs.)
Union Screen & Plate Co. (Brass Fdrs, Screen & Suction Plates, etc.)
Universal Grinding Machine Co.
*Waymoth A. D. & Co. (Variety Wood-Turning Lathe)
§Welch E. J. & Co. (Brass Fdrs.)
*Wilder Chas. W. (Wood-Turning Lathes, etc.)

FLORENCE—*†§Florence Co. (Oil Stoves, etc.)
†Northampton Iron Wks.
*†Norwood Engineering Co. (Iron Fdrs. & Machinists, Fire Hydrants, Water Filters for Mills, etc.)

FRAMINGHAM—*†Ames Plow Co.
Framingham Fdries. (Grey Iron Castings)
*International Engineering Works (Steam Boilers & Machinists)
*Manufacturing, Equipment & Engineering Co. (Steel Factory Equipment, etc)
*Mason Marcus & Co. (Coffee Machy., etc)

FRANKLIN—†§*Clark Wm. C.
*†§Golding Mfg. Co. (Printing Machinery)

GARDNER—*Baldwin E. F.
*Bancroft & Barnard (Chair Making Machinery)
†Central Oil & Gas Stove Co. (Oil Stoves & Heaters)
*†§Gardner General Foundry Co.
*Gardner Machine Works (Chair Machy., etc)
†§Hoglund G. E., Foundry Co.
*†McKnight L. G. & Son Co. (Chair & Woodworking Machinery)
*Simplex Time Recorder Co. (Time Recorders)

GLOUCESTER—*Brown Bros. Co.
*†Cape Ann Anchor Works
*§Reed Geo. A. & Son (Iron & Brass Founders, etc.)
*Stoddart Adam P. & Co. (Machinists)
*Success Mfg. Co. (Refrigerators)

GRANITEVILLE *†Sargent's C. G. Sons Corp. (Wool Mchy., etc.)

GREAT BARRINGTON—†Stevens G. A.

GREENFIELD—***AMERICAN TAP & DIE CO.** (Taps, Dies, etc.)
See adv index at end of book
*Bicknell-Thomas Co. (Tap Chucks & Tapping Attachments)
*Blevney Machine Co.
*Goodell Mfg. Co. (Machinists' Small Tools, etc.)
*†Goodell-Pratt Co. (Drills, Hack Saws, etc.)
*Greenfield Machine Co. (Grinders)
GREENFIELD TAP & DIE CORP'N ("G. T. D." Taps, Dies, Guages, Machinists' Fine Tools, etc)
See adv index at end of book
Martin Machine Co. (Marking Machines)
*†Noyes B. B. Co. (Drills, Vises, etc)
*Russell Mfg. Co. (Stocks, Taps, Dies, etc)
*§Wing Chauncy (Pattern Works, etc.)

HARVARD—*Hildreth Bros. (Kindling Wood Machy., etc.)

HATFIELD—*Porter Machine Works (Lathes, etc.)

HAVERHILL—*Briggs Belmar Edge Tool Co.
*Busfield Machine Co. (Machinists)
*Hamel Shoe Machinery Co. (See Lynn)
*Hammond Machine Co. (Wood Heel Machinery)
*Haverhill Fire Appliance Co.
Monfils & Murphy Machine Co.

HAYDENVILLE — *†§Haydenville Co. (Brass & Iron Goods, for Water, Steam & Gas)
Progressive Iron Fdry. & Mach. Co.

HOLLISTON—*Wilder Sidney & Co. (Pumps, etc.)

HOLBROOK—*C. A. C. Axe Co. (Edge Tools, etc.)

HOLYOKE—§Barlow Co. (Brass Castings & Metal Works)
§Church C. F. Mfg. Co. (Plumbers' Supplies)
*Coburn Trolley Track Mfg. Co.
†*Deane Steam Pump Co.
*Ford Auger Bit Co.
§Higgins & Co. (Composition, Brass, Aluminum, Aluminum Bronze, Phospor Bronze, Castings, etc.)

MASSACHUSETTS—Holyoke—continued
*Holyoke Bar Co. (Machine Knives, etc.)
*†Holyoke Machine Co. (Paper & Pulp Mill, Cotton Mill, Power Transmitting & Wood Barking Machinery)
*†Jolly J. & W. (Paper & Pulp Mill Machinery, etc.)
*Judson & Williams (Screen Plates, etc.)
*Koegel Chas. & Sons (Wire Spooling Machines, etc.)
†*McHugh F'dy Co.
§Paper City Brass Foundry
*†Perkins B. F. & Son (Paper & Pulp Mill Machy.)
*†§Worthington Pump & Machinery Corp. (Deane Works)
HOPEDALE—*†§Draper Corp. (Textile Machinery, Looms, etc)
***ROPER C. F. & CO.** (Pumps, Motor Boat Propellers, etc)
See adv index at end of book
*Westcott A. A. & Sons (Spindles, etc.)
HUDSON—*Lapointe Machine Tool Co (Keyseat Broaching Machines Toolmakers, etc.)
*Tower Bros. (Machinists)
*Universal Boring Machine Co. (Boring Machines)
*Woodward Machine Co. (Woodworking Machinery)
HYDE PARK—*†§American Tool & Machine Co. (See Boston)
*†Becker Milling Machine Co. (Machine Tools, etc.)
*Robinson John T. Co. (Book Binder, Card Cutter & Paper Box Machy.)
*†§**STURTEVANT B. F. CO.** ("Sturtevant" Blowers, Engines, Generating Sets, etc), 15 Damon
See adv index at end of book
INDIAN ORCHARD—*†§Chapman Valve Mfg. Co. (Valves, Hydrants, Water Works Supplies, etc.)
*Hough Cash Recorder Co.
*Metallic Drawing Roll Co. (Textile Machinery, etc.)
LAWRENCE—†Davis Foundry Co. (Iron Fdrs.)
*Dillon Machine Co. (Paper Mill Machinery)
*Eagle Knife & Bar Co.
*Emerson Mfg. Co. (Paper & Pulp Mill Machy.)
§Fallon T. F. & Co.
§Gallison F. L.
*†Hamblet Machine Co. (Paper Mill Machinery)
†Hart Foundry Co. (Grey Iron Castings)
*†Horne J. H. & Sons Co. (Paper Mill Machinery, etc.)
*§Keeble Alex. K. (Machinists & Brass Finishers)
*Lawrence Machine Co. (Pumps, etc), 40 Island
*Lawrence Pump & Engine Co. (Pumps, etc.)
*McCabe E. & Co. (Machinists)
†Merrimac Foundry & Machine Co. (Trucks)
*Mills Machine Co. (Paper & Pulp Machinery)
*Smith Samuel Machine Co., 620 Essex
*Smith W. & Sons
*Speed & Stephenson (Textile Machinery)
*Sprague L. Co. (Bobbins, etc.)
*§Watts Regulator Co (Machinists & Brass Finishers)
LEE—*†§Clark H. C. & Son Machine Co. (Paper Mill Machinery, etc.)
LEEDS—*Cahill P. J.
LEOMINSTER—*Cook F. H. & Co. (Comb & Hairpin Machy.)
Grimes & Harris (Button Machy.)
*Smith A. A. (Machinist)
LEXINGTON—*§Jefferson Union Co. (Brass Fdrs., Flange Couplings, Pipe Unions, etc.)
LOWELL—*American Mason Safety Tread Co.
*Auto Tire Vulcanizing Co.
*Bagshaw W. H. Co. (Textile Machinery, etc)
*Bennett Bros. Co. (Windmills, Gasoline Engines, etc.)
*Cady Geo. L. & Sons (Machine Tools, Book Trimming Machines, etc.)
*Carey W. W. Co. (Woodworking Machy.)
†City Iron Foundry
*Dennis John Machine Co. (Textile Machy)
*Dodge Chas. S. (Textile Machy, Pickers, etc.)
†Doherty Bros. (Iron Fdrs.)
*Entwistle T. C. Co. (Textile Machy.)
*Gee Chas. E. (Woodworking Machy.)
§*Heinze Elec. Co.
*Hobson Lawlor Co.
*Knapp Arthur P.
*Knowles Scale Works (Scales & Weighing Machines)
*Lahue M. M. & Co.
*§Lamson Co. (See Boston, Mass.)
*Lovejoy Daniel & Son (Machine Knives, etc.)
*Lowell Shuttle Co.
Mansfield Fdy. Co.
*Middlesex Machine Co. (Machinists)
†§Pevey Foundry Co. (Iron & Brass Fdrs., etc.)
Reliance Toggle & Machine Co. (Jobbing)
†Robinson James P.
*†§Saco-Lowell Shops (Textile Machinery). Office: Boston
*Turner J. S. Mfg. Co. (Worsted Roll Covering Machines)
§Union Brass Fdry. Co. (Brass & Composition Castings)
*U. S. Bobbin & Shuttle Co.
*U. S. Cartridge Co.
*Upton & Gilman Machine Co.
*Wrigley Wm. & Co.
LYNN—*Boston Machine Works Co.
*Cannon T. J. & Sons Machine Co. (Special Machinery & Tools).
*Cilley W. W. & Co. (Shoe Stitchers)
§Dempsey John F. & Co.
*Dwyer Machine Co.
*Essex Engine Co.
*Essex Machine Co. (Machinists)
*Gallagher Mfg. Co. (Ratchets, Drills, etc.)
*†§**GENERAL ELECTRIC CO.** (Thomson-Houston Plant). (See Schenectady, N. Y.)
See adv index at end of book
*Hamel Shoe Machinery Co. (Shoe Machinery)
*Hemingway Machine Co. (Leather Machinery)
*Holmes E. M. (Machinist)
*Quarmby & Hilliker (Shoe Machy, etc.)
†Smith Iron Foundry (Inc.) (All Kinds of Light and Heavy Castings)
*Stephenson Chas. H. (Bath Room Fixtures)
*Stewart Bros. (Shoe Machy.)
*Thomson Electric Welding Co. (Elec. Welding Machines), 161 Pleasant
*Young W. J. Machinery Co. (Shoe Machinery), 418 Union
MANSFIELD—*Bay State Tap & Die Co. (Taps, Dies, etc.)
*Card S. W. Mfg. Co. (Dies, Taps, Reamers, etc.)
*†Chilson Furnace Co. (Stoves & Ranges)
Mansfield Fdy. Co. (Grey Iron Casting)
†Mansfield Furnace & Coal Co.
†Shields Foundry Co. (Iron Fdrs.)
MARLBORO—†Beaudry T. J. & Son (Rubber Cutting Dies, etc)
*†Parsons Machinery Co. (Special Machinery, etc.)
MEDFORD—*Scott & Sons Co. (Chucks, etc)
*Wellman Co. (Special Machinery)
MELROSE—§*Lane Bros.
MERRIMAC—*§Jonah & George (Brass Specialties)
*§Merrimac Plating Works
§*Murphy G. W. J.
METHUEN—*†Sanborn Furnace Co. (Hot Air Furnaces, etc.)
MIDDLEBORO—*Perkins Lloyd.
MILFORD—*Damon J. F. (Machinist)
†Milford Iron Foundry (Iron Fdrs.)
MILLBURY—*Buck Bros. (Edge Tools, etc.)
*Buck Chas. Edge Tool Co. (Edge Tools, etc.)
*Millbury Machine Co.
*†Millbury Steel Foundry Co. (Steel Castings, etc.)
MILLERS FALLS—*†Millers Falls Co. (Machinists' Fine Tools & Hardware Specialties, etc.)
NATICK—*Black Diamond Saw & Machine Works (Saw Sharpening Machinery)
*Brewer A. G. (Machinist)
NEW BEDFORD—†Acushnet Iron Co.
*Babbitt Steam Specialty Co.
*Baker Machine Co. (Machinists)
§Foster Robt. W.
§Morse Twist Drill & Machine Co. (Twist Drills, etc.)
†Mt. Pleasant Iron Fdy.
†§New Bedford Boiler & Machine Co. (Valves & Machinists, etc.)
*†New Bedford Foundry & Machine Co.
†*New Bedford Shuttle Co.
*Rankin & Arnold
*Tripp Frank S.
NEWBURYPORT—*†§Russell Albert & Sons Co. (Iron Fdrs. & Machinists)
†Victor Mfg. Co. (Furnace Doors)
NEWTON—*Empire Laundry Machinery Co. (Laundry Machy.). (See Boston, Mass.)
NEWTON CENTER—*Evans Friction Cone Co. (Pulleys, etc.)
*Gooch Arthur M.
NEWTON UPPER FALLS—Gamewell Fire Alarm Telegraph Co.
*†Saco-Lowell Shops (Textile Machinery), Office: 77 Franklin, Boston
NORFOLK DOWNS—*Boston Gear Works (Gears, Bearings, etc., for own product only)
†Norfolk Iron Co. (Ornamental Iron Works, etc.)
*Pneumatic Scale Corp., Ltd. (Automatic Weighing Machinists)
*†Reliance Metal Co. (Brass & Composition) (Quincy)
†Wollaston Fdy. Co.
NORTH ADAMS—*Arnold Print Works
†§*Brooklyn St. Fdy. Co.
*†§Hunter Jas. Machine Co. (Power Transmitting & Textile Machy.)
NORTHAMPTON—*Herrick Chas E. (Machinist)
*Siro Carburetor Mfg. Co.
*Starr Package Machinery Co.
NORTH ANDOVER—*†§Davis & Furber Machine Co. (Textile Machy.)
NORTH DIGHTON—†Dighton Fdy. Co.
†North Dighton Cooperative Stove Co. (Stoves)
NORWOOD—†American Brake Shoe & Foundry Co.
*†Plimpton J. E. & Co.
ORANGE—*†Chase Turbine Mfg. Co. (Machinists, Millwrights & Fdrs.)
*†§Hunt Rodney Machine Co. (Textile Machinery, Pumps, etc.)
*Leavitt Machine Co. (Valve Re-Seating Machinery)
*†New Home Sewing Machine Co. (Sewing Machines)
*Union Tool Co. (Lathe Dogs, Tool Holders, Key Seating Tools, etc.)
OTTER RIVER—†*Lord, Stone & Co.
OSTERVILLE—*§Leonard J. M.
PALMER—†§*Palmer Fdy. & Mach. Co.
†Taylor W. B. & Co.
PEABODY—*Boyle John & Co. (Machinists)
*Little G. H.
†Marine Hdwe. Co.
*Newell & Knowlton (Inc.) (Grease Extractors, etc.)
*†Peabody Leather Co. (Leather Machinery, etc.)
*†Turner Tanning Machinery Co. (Hide & Leather Working Machinery)
PITTSFIELD—*†§Chapel A. M. Machine Co.
*†§**GENERAL ELECTRIC CO.** (See Schenectady, N. Y.)
See adv index at end of book
*†Jones E. D. & Sons Co. (Paper Mill & Power Transmitting Machy.)
Pittsfield Spark Coil Co. (Coils, Dynamos, etc)
PLYMOUTH—*Mixter J. W. Saw Tool Co. (Gummers, Swages, etc)
*†Plymouth Foundry Co. (Gas & Oil Stoves, etc.)
QUINCY—*Badger L. K. & Co.
*Boston Gear Works (Gears, Bearings, etc, for own product only)
*Emery V. J. (Gasoline Engines)
*†§Fore River Shipbuilding Corp. (Iron & Steel Ships & Marine Engines, etc.)
*†§Hall Wm. Co.
*Kemp John F. & Co.
*†Wollaston Foundry Co. (See Boston, Mass.)
READVILLE—*†Stafford Co. (Textile Weaving Machinery, etc.)

ROCHDALE—*Hankey A. & Co. (Knives, etc.)
ROCKLAND—*Arnold H. H. Co.
SAGAMORE—*Keith Car & Mfg. Co. (Car Mfrs.)
SALEM—*Atwood & Morrell (Steam Specialties), 48 Loring av
*Brown-Talbot Machinery Co.
*Dane Machine Co. (Tanners' Machinery)
*Dinsmore Mfg. Co. (Textile Mach.)
†Eagle Iron Foundry (Inc.)
*Goodell Zina (Machinist)
*†§Locke Regulator Co. (Steam Specialties)
*Merrow Machine Co.
*Patten Paul B. Co. (Machinists)
§Salem Brass Foundry
*Salem Elevator Works (Elevators, etc)
*§Spencer Regulator Co. (Steam Specialties, etc.)
*Stanley Co. (Gasoline Engines)
§Waters Andrew S.
SALISBURY—*Weare Samuel W.
SHELBURNE FALLS—*Goodell Tool Co. (Small Tools, etc.)
*Mayhew H. H. Co. (Small Tools, etc.)
SOMERSET—†Somerset Stove Foundry Co. (Stoves)
SOMERVILLE—*Berry Charles E.
*Birch Bros. (Textile Machy.)
*Forg Peter Mfg. Co. (Machinist & Machinery)
*Hanson Machine Co.
*Roberts Mfg. Co. (Bolt & Wire Clippers, etc.)
See adv index at end of book
†Somerville Iron Foundry Co. (Iron Fdrs., etc)
SOUTH BOSTON—*Up-To-Date Tool Co., (Special Machinery), 60 K
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SOUTH EASTON—*White F. H. & Co.
SOUTH SUDBURY—*†Hurlbut-Rogers Machinery Co. (Machine Tools, etc)
SPENCER—*Goddard John E. (Machinist)
SPRINGFIELD—*American Saw & Mfg. Co.
*Armstrong Walter (Special Machinery)
*Barney & Berry (Skates, etc.)
*†Baush Machine Tool Co. (Machine Tools)
*Bay State Elevator Co. (Elevators)
*†Bemis Car Truck Co. (Electric Car Trucks, etc.)
*Bemis & Call Hardware & Tool Co. (Tools, etc.)
*Blair Mfg. Co. (Lawn Mowers)
*Bullock Mfg. Associates (Watchmakers' Tools, etc.)
§Chamberlain J. H. D.
*Connery Machine & Tool Co. (Special Machinery & Contract Work), 56 Harrison av
*†Davitt Iron Foundry
*Eldredge Elec. Mfg. Co. (Elec. Specialties)
†Elwell H F Iron Works
§Emory P. P. Mfg. Co. (Brass Finishers & Founders, etc.)
§Engelhard Frank & Sons, 200 Franklin
†Fleming Foundry Co.
***GILBERT & BARKER MFG. CO.** (Furnaces)
See adv index at end of book
§Hampden Brass Co. (Brass & Composition Castings)
*†Hampden Corundum Wheel Co. (Emery & Corundum Wheels, Machinery, etc.)
*Hannan-Finton Co. (Machinists)
*§Harley Co. (Aluminum, Brass & Bronze Castings)
*Hendee Mfg. Co. (Motor Cycles)
*Hopkinson Machine Works (Envelope Machines)
*International Machine & Screw Co. (Screw Machines)
*Knox Motors Co. ("Knox" Tractors)
*Marcil & Smith (Jack Screws, etc.)
†*Metals Production Equipment Co.
*National Equipment Co. (Confectioners' Machy.)
*†New England Roller Grate Co. (Grate Bars & Castings of all Descriptions)
*N E Westinghouse Co. (Fire Arms)
*Package Machinery Co. (Wrapping Machines)
*Quality Saw & Tool Works (Saws, etc.)
*§Rider-Bagg Co. (Brass Fdrs. & Machinists)
*Russell John W. & Sons Co. (Button Machines & Special Machinery)
*S. & I. Co. (Automatic Machinery, etc.)
*Smith C. H. & Co. (Dandy Rolls)
*Smith & Wesson (Revolvers, etc.)
†Springfield Foundry Co. (Builders' Iron Work, etc.)
*Springfield Iron Works (Machine & Drop Forgings, Elevators, Machine Work of all Kinds)
*Springfield Machine Co. (Machinists)
*Stacy E. S. Machine Co. (Machine Work of all Kinds)
§Stebbins E. Mfg. Co. (Brass Fdrs. & Finishers, Plumbers' Brass Goods)
*†Swaine John Iron Works Co.
Try-Me Mfg. Co.
†Van Norman Machine Tool Co. (Machine Tools)
*Victor Saw Works (Saws, etc.)
*†Wason Mfg. Co. (R. R. Cars, etc.)
*Witherbee Igniter Co.
STONEHAM—*Patchett Tom
TAUNTON—*†Cell Drier Machine Co.
*Dary Ring Traveler Co. (Ring Travelers, etc)
*†Dighton Foundry Co. (Stoves, etc)
*Etna Co. (Twist Drills, etc.)
†Leonard & Baker Stove Co.
*Lincoln-Williams Twist Drill Co. (Drills, etc.)
*†§Mason Machine Works (Textile Machinery)
*New Process Twist Drill Co. (Twist Drills)
†North Dighton Co-Operative Stone Co.
§Reed & Barton Corp'n (Drills, etc.)
*§Stoddard Union Co. (Plumbers' Supplies)
*Strange Chas. E. (Box Makers', Stave & Heading Machy., etc.)
*Strange E. W. & Co. (Machinists)
*§Taunton-New Bedford Copper Co.
†Thomas Oscar G. Co. (Stoves & Iron Fdry.)
§Trefethen D. A. (Brass Founder & Finisher)
*†Weir Stove Co. (Stoves)
†White-Warner Co. (Stoves, etc.)
TURNERS FALLS—§Blassberg M.
§†Montague Machine Co.
WAKEFIELD—§*Sanitas Mfg. Co.
†Smith Fdry. Co.
*†§Smith & Anthony Co. (Stoves, etc.) (See Boston, Mass.)
WALPOLE—*†Fales L. F. (Paper Slitting Machines, Sewing Machines, etc.)
WALTHAM—*Ames B. C. Co. (Watch & Clock Machinery, etc.)
§Boston Brass Co. (Plumbers' Brass Work, Finishers & Platers)
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*Clement W. D. (Watchmakers' Tools)
*§Crescent Park Brass Foundry
*†§Davis & Farnum Mfg. Co. (Cast Iron Pipe, etc.)
*Derbyshire F. W. (Watchmakers' Tools)
§*Metz Co.
Nichols W. H. (High Grade Machinery & Machine Parts)
***STARK TOOL CO.** (Clock & Watchmakers' Tools, Precision Lathes, etc.) *See adv index at end of book*
*Superior Corundum Wheel Co. (Grinding & Polishing Machinery, etc.)
*Waltham Grinding Wheel Co.
†§Waltham Foundry Co. (Iron & Brass Castings, etc.)
*Waltham Machine Works (Small Automatic Machinery)
WALTHAM MICROMETER DIAL GAUGE CO. (Watchmakers' Tool), 248 Ash
See adv index at end of book
*Waltham Watch Co. (Watches, etc.)
WARREN—*§Monarch Valve & Mfg. Co. (Valves, Waterworks Supplies, etc.)
*†§Perkins Machine Co. (Drop Hammers, Power Presses, Punching & Shearing Machy., etc.)
*†Warren Steam Pump Co. (Steam Pumps, etc.)
WATERTOWN—†§*U. S. Arsenal Fdy.
*†Walker & Pratt Mfg. Co. (Stoves, Furnaces, Radiators, Cooking Apparatus, etc.) Office: Boston, Mass.
WEBSTER—*†§Prescott J. B. & Son.
WESTBORO—†§Foster, Richardson Co.
WEST BOYLSTON—*Ovenden W. C.
WESTFIELD—†Bay State Fdy. Co.
*Foster Machine Co. (Machinists & Textile Machy.)
*Hinsman Machine & Tool Co. (Special Machinery, Models, Gauges, Jigs, Fixtures, etc)
*Palmer Henry A. (Machinist)
*†Smith H. B. Co. (Steam Heating Apparatus, Boilers, Radiators, etc)
WEST LYNN—†§*General Elec. Co.
WEST MANSFIELD—*Richardson & Bottomley (Shuttle Irons, etc.)
WEST NEWTON—*American Electric Tool Co. (Electric Portable Tools)
WEST WAREHAM—*†§Tremont Nail Co.
WHITINSVILLE—*†§Whitin Machine Works (Textile Machy.)
*Whitinsville Spinning Ring Co.
WHITMAN—*Pearson Walter (Machinist)
WILLIAMSBURG—*Thayer Mfg. Co. (Small Tools, etc.)
WINCHENDON—*†§Alaska Freezer Co. (Ice Cream Freezers, etc.)
*Goodspeed Machine Co. (Woodworking Machinery)
†Hill & Bosley (Iron Founders)
*New England Lock & Hinge Co.
*†Whitney Baxter D. & Son (Woodworking Machy.)
WINCHESTER—*Hutchinson Leather Machine Co.
*Whitney Machine Co. (Tanners' Machinery)
WOBURN—*Hjorth Lathe & Tool Co. (Tools, Dies, etc) Office, 27 School, Boston, Mass.
†Woburn Iron Foundry, Inc. (Grey Iron Castings & Grate Bars)
*†§Woburn Machine Co. (Machinists & Millwrights)
WOLLASTON—†Boston Sash Weight Co.
*Emery V. J. (Gasoline Machine Engines)
*§Hall Wm. Co. (Special Machinery)
*†Wollaston Foundry Co. (Machy., Piano Plate & Light Castings)
WORCESTER—*Adams John J. (Dies, Shoe Machy., etc.)
***†§AMERICAN STEEL & WIRE CO.**
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*†Ames Plow Co. (See Boston)
†Arcade Malleable Iron Co. (Malleable Iron Castings)
*Batch John Co., Inc. (Special Machinery), 8 Grafton
*Bradley Osgood Car Co. (Railway Cars, Castings, Wheels, etc.)
*Brierly-Lombard Co. (Woolen Machy.)
*Brownell G. L. (Spring Twisting & Spinning Machy., etc.)
*Burlingame A. Co. (Steam Engines, etc.)
Burlingame S. F. (Gas Engines, etc)
*§Cahill Mfg. Co. (Brass Fdrs. & Finishers)
*Coates Clipper Mfg. Co. (Sheep Clippers, Flexible Shafts, etc.)
***COES, LORING & CO. (INC.)** (Machine Knives, etc), Coes sq
See adv index at end of book
***COES WRENCH CO.** (Wrenches, etc.), Coes sq.
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†Colvin Estate of J. A.
*Commercial Machine Co.
*Coppus Engineering & Equipment Co.
*†Crompton & Knowles Loom Works (Textile Machy.)
*†Curtis & Marble Machine Co. (Textile)
*Dawson Machine Co.
*Dines Wm. L. Jr. Co. (Special Machy.)
*Eastern Bridge & Structural Co. (For own repair), 88 Cushing
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*Economic Machy Co. (Label Mach.)
*Elliott & Hall (Cloth Folders)
*Fairbanks Geo. L. & Son
*Forbes & Myers, 169 Union
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*Gessner David (Textile Machinery)
*Hardy L. Co. (Machine Knives, etc.)
*Harrington & Richardson Arms Co. (Fire Arms, etc.)
*Harwood & Quincy Machine Co. (Woolen Machines)
*Heald Machine Co. (Machine Tools & Grinding Machy.)
*Hobbs Mfg. Co. (Paper Box Machy., contracting, etc.)
*†§Holyoke Machine Co. (See Holyoke, Mass.)

MASSACHUSETTS—Worcester—continued
*Houghton Mfg. Co. (Textile Machy.)
*Hubbard Machine Co. (Textile Machinery & Parts)
*Jacques John & Son (Shears & Card Cutting Machinery)
*Jencks E. Mfg. Co. (Wire Goods)
*Johnson & Bassett (Wool Spinning)
*Kidder R. E. Co. (Woodworking & Special Machines, etc)
*Leland-Gifford Co. (Crankshafts, Machine Tools, etc.)
*Lowell Wrench Co. (Ratchet Die Stocks, Drills, etc.)
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*Luther B. G. Co. (Woodworking Machinery, etc.)
*McMahon & Co. (Friction Clutches, Pulleys, etc.)
*Mackin Steppen (Jobbing), 35 North Foster
Mafreto Machine & Tool Co. (Machinists' Tools, etc.)
*Massachusetts Machine Shop (Inc.) Metal Washers)
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*Matthews Mfg. Co. (Stove Trimmings, etc.), 104 Gold
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*†Morgan Construction Co. (Wire & Rolling Mill Machy., etc.)
*Morgan Spring Co. (Agl. & Machy. Springs, etc.)
See adv index at end of book
*Norton Grinding Co. (Grinding Wheels, Grinding & Polishing Machinery, etc.)
†Pero Foundry Co.
*Persons-Arter Machine Co. (Surface Grinders & Magnetic Chucks)
*†Pond L. W. Machine & Foundry Co. (Grey Iron Castings, etc.)
*Reed Francis Co. (Upright Drills, etc.)
*§Reed-Prentice Co. (Machine Tools, Machine Screw Products, Grey Iron Castings, etc.)
*§Reed & Prince Mfg. Co.
*†§Rice, Barton & Fales Machine Iron Co. (Paper & Pulp Mill Machinery)
*†Richardson Mfg. Co. (Mowing Machines, etc.)
§Riordan Brass Fdy.
*Robbins Machine Co. (Lathes, etc.)
*Rockwood Sprinkler Co.
*Roy B. S. & Son Co. (Textile Machy., etc.)
*Savels O. M. & Co. (Dies, etc.)
Sheppard J. E. Co. (Envelopes, Machinery, etc.)
*Sleeper & Hartley, Inc. (Automatic Wire Spring Machinery), 68 Prescott *See adv index at end of book*
Smith Thos. Co.
*Snyder J. E. & Son (Machine Tools)
†Standard Foundry Co. (Machy. Castings, etc.)
*Standard Plunger Elevator Co. (Elevator Builders, etc.)
†Steele W. M. (Switches & Switchboards)
*Stockbridge Machine Co. (Shaping Machines, etc.)
Summit Machine Works (Lathes)
§Taylor Walter B.
*Tolman I. W. (Jobbing)
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*§Union Water Meter Co. (Water Meters, Regulators, etc.)
*Walker O. S. Co. (Machine Tool Grinders, etc)
*Watson J. H.
§Wells Chemical Bronze Wks. (Brass, Copper, Tin, Zinc, Comp. & Bronze Castings)
*Westlund C. G. Co. (Friction Clutches, Grinding Machines, etc.) 498 Millbury
*†Whitcomb-Blaisdell Machine Tool Co. (Machine Tools, etc.)
*Windle J. E. (Textile Machinery)
Winslow Samuel Skate Mfg. Co.
*Woodward & Powell Planer Co. (Machine Tools, etc.)
§Worcester Brass Co.
*Worcester Electric & Mfg. Co. (Electric Switches, etc.)
*Worcester Gear Works, Inc., 33 North Foster
*Worcester Lawn Mower Co. (Lawn Mowers, etc.)
*Worcester Loom Works
†Worcester Pattern & Model Co.
*†Worcester Pressed Steel Co. (Stove Trimmings, Auto & Bicycle Parts, Ferrules, etc.)
*Worcester Stamped Metal Co. (Dies, Discs, etc), 9 Hunt
†Wyman-Gordon Co.
WRENTHAM—*Winter Bros. Co. (Taps & Dies, etc.)

MICHIGAN

ADRIAN—†Adrian Steel Casting Co. (Grey Iron & Crucible Steel Castings)
*Bond Steel Post Co. (Steel Posts, etc.)
§*Breedon Jacob
*Church Bros. (Pumps, Gas Engines, etc.)
*Page Steel & Wire Co. (Machine Shop for the Company's Own Use)
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ALBERT LEA—†*Albert Lea Grade Mfg. Co.
ALBION—†Albion Malleable Iron Co. (Agricultural Implements & Carriage Castings)
*†§Gale Mfg. Co.
†§Nixon & Glascoff
*Richards J. A. (Printing Machy.)
ALLEGAN—†§Allegan Fdy. Mach. Co.
Blood Bros. Machine Co. (Auto Specialties)
†*Union Steel Products Co.
ALMA—†Alma Standard Foundry Mfg. Co.
*†Montigel J. M. (Agricultural Implements), etc.)
ALMONT—*†Almont Mfg. Co.
ALPENA—*†§Besser Mfg. Co.
†§*French N. C.
*§Hanson Andrew
*†§Kline Lewis T. (Excelsior Machines, Baling Presses, Automatic Lathes, etc.)
†Northern Foundry Co.
ANN ARBOR—*†Ann Arbor Machine Co. Agrl. Implts., Hay Presses, etc.)
*Economy Baler Co. (Baling Presses, etc.)
*Hoover Steel Ball Co. (Steel Balls)
BAD AXE—†Huron Fdy. Implement Co.
BANCRAFT—†*Devereaux Ward
BATTLE CREEK—*A. B. Stove Co. (Casters, Gasoline Stoves, etc.)
*Advance Pump & Compressor Co. (Steam Pumps), 60-128 Flint
†*Advance Rumely Co.
†§Ajax Enameling & Fdy. Co.
*†§American Steam Pump Co. (Steam Pumps, etc.)
*†Brennan John & Co. (Boilers, etc.)
*†§Duplex Printing Press Co.
§Franklin Brass Co. (Castings)
*Globe Mfg. Co. (Nebulizers, Elec. Air Pumps, Comp. Air Vibrators, etc.)
*Hart R. A. (Printers Machy.)
*Johnson Automatic Sealer Co., Ltd. (Sealing Machinery)
*Kopf Engineering Co. (Coffee & Cereal Machy.)
*†Nichols & Shepard Co. (Agl. Implts.)
*Ritchie G. & Sons
*†Rumely M. Co.
*§Sherman H. B. Mfg. Co. (Brass Founders & Finishers)
*†§Union Steam Pump Co. (Steam Pumps, etc.)
*†Unted States Register Co., Ltd. (Hot Air Register)
BAY CITY—†§*Bay City Fdy. & Mach. Co.
*†§Bay City Iron Mo.
*Columbia Mills. (See New York)
*†§Garland M. Co. (Saw Mill Machy., Steam Engines, Iron Fdrs., etc.)
§*Great Lakes Brass Fdy.
*†§Industrial Works, (Cranes, Hoisting Engines, etc.) 11th & Wash.)
*Meister R. & Son (Machinery)
*National Cycle & Mfg. Co. (Bicycles)
*Pierce-Budd Co. (Gasoline Engines)
*Smalley-General Co. (Gasoline Engs.)
*Zagelmeyer Cast Stone Block Machy. Co.
BELDING—*Belding-Hall Co. (Refrigs.)
§Grand Rapids Brass Co.
BENTON HARBOR—*Baker-Vawter Co. (Adding Machines)
*†Baute Henry
§Benton Harbor Brass Fdy.
†§Benton Harbor Brass & Iron Co.
†§Benton Harbor Malleable Fdry Co. (Malleable Iron Castings & Journal Boxes)
†§Benton Iron & Brass Fdys.
*†Covel Mfg. Co. (Saw Sharpening & File Room Machinery)
*Crary Machine Works
*Lutes-Sinclair Co. (Laundry Machy.)
*Morrill & Morley Mfg. Co. (Spray Pumps)
*Rosback F. P. Co. (Printers' & Bookbinders' Machinery, etc)
*Saranac Machine Co. (Book Binders & Wire Stapling Machinery)
BIG RAPIDS—†*Hanchett, Swaze Works
BLAINE—*†Fair Geo. & Son (Plows)
BLISSFIELD—*Blissfield Motor Works (Motors, Drills, Tilting Vises, etc.)
†Davenport Harry C.
BOYNE CITY—*†Conrad I. N. Iron Works
BRONSON—†Kipp Wm. A.
BROWN CITY—†*Brown City Mfg. Co.
BUCHANAN—*†Buchanan Electric Steel Co. (See Chicago, Ill.)
*†Lee & Porter Mfg. Co. (Carriage Axles, etc.)
BURR OAK—*†Sheffield Mfg. Co. (Agricultural Implements)
CADILLAC—*†§Cadillac Machine Co.
CALUMET—†§*Calumet & Hecla Mining Co.
CARO—*Johnston-Slocum Co.
*†§Riddle Frank D. (Machinist & Foundry)
CHARLEVOIX—†Washburn O. S. & Son
CHARLOTTE—*†§Beach Mfg. Co (Road Making Machinery)
*§Hancock Mfg. Co. (Anything to Order in Brass)
CHEBOYGAN—*†§Blake H. A. & Son (Brass & Iron Foundry)
†§*Lund J. B. & Sons
CHELSEA—Lewis Spring & Axle Co. (Axles, Springs, etc)
COLDWATER—*§Champion Brass Works (Brass & Aluminum Castings, etc.)
*Loring Sanford (Machinist)
Regal Gasoline Engine Co.
†Titus Thurlow (Iron Foundry)
COMSTOCK—*Davis W. T. & Co.
*†Peer Mfg. Co. (Steam Engines & Power Transmitting Machinery)
CONSTANTINE—*Harvey W. W. & Son (Laundry Machinery)
DEARBORN—Ford Henry & Son
DETROIT—†Acme Foundry Co. (Iron Founders, Gray Iron Castings), Isabella & M. C. R. R.
*§A. D. Mfg. Co. (Plumbers Supplies),
*†Allyne Brass Foundry Co. (Brass Fdrs., Finishers, etc.), 207 Crawford
*§Aluminum Castings Co., 1576 Jos. Campan av
*†American Blower Co. (Engines. Blowers, Fans, etc.), 1400 Russell
*§American Brass & Iron Co. (Brass Bronze & Aluminum Castings), Crystal & Trombly av
*American Bridge Co. (See Pittsburg, Pa.)
*†American Car & Foundry Co., 443 Ferry. (See St. Louis, Mo.)
*American Electrical Heater Co. (Elec. Heating Appliances)
*§American Injector Co. (Injectors, Lubricators, etc.), 173 14th av
*§American Lubricator Co. (Lubricators & Brass Founders & Finishers, etc.), Summit & Wabash Ry.
†Art Stove Co. (Stoves, etc.), Russell & Milwaukee av
†Atlas Foundry Co., 234 Military av
*Austin Separator Co. (Steam & Oil Separators, etc.), 97 W Woodbridge
*Baird Machine & Mfg. Co. (Pharmaceutical Machinery, etc.), 54 Jefferson av
*Bolles J. E., Iron & Wire Works, 4th av and Porter
*Bosserdet Yacht & Engine Co., Park View & Jefferson av
*Bower Roller Bearing Co. (Roller Bearings), Hart av nr Mack
§*Brass Products Co.
*§Briscoe Mfg. Co. (Machinists), Woodward & Baltimore avs
*§Bryant & Berry Co. (Brass Founders, etc.), 32 Atwater W
†Buhl Malleable Co. (Grey & Malleable Iron Castings, etc.)
*Burroughs Adding Machine Co. (Adding Machines)
*†Byram & Co. (Foundry Machinery, Cars, Cranes, Tumbling Barrels, etc.) 435 Guoin
†§*Cadillac Motor Car Co.
*§Caille Bros. Co. (Coin Operating Machines)

*†Campbell Manson Co., Ltd. Leavitt & Campbell (also Kansas City, Mo.)
*Capitol Brass Works (Valves, Brass Founders & Finishers, etc.), Chene & Franklin
§Carolin R. B.
†§*Central Specialty Co.
***CHICAGO PNEUMATIC TOOL CO.** (Boyer Branch, Pneumatic Tools), 1301 2nd av.
See adv index at end of book
*Christe-Kline Forge Co. (Punches, Dies & Tools, etc.)
§City Brass Fdy.
*§Clayton & Lambert Mfg. Co. (Plumbers' & Tinners' Tools), 205 Piquette av
*Colton Arthur Co. (Pharmaceutical & Special Light Machinery), Jefferson & Chene
§Columbia Castings Co., Ferdinand & Wabash Ry.
*Columbia Engine Co., 1275 Jefferson av
*§Commonwealth Brass Works (Lubricators, Valves, Oilers, etc.)
*†§Conway-McLeod Foundry Co., 675 Atwater E
†Co-operative Foundry Co., Junction av
†§Cope Pattern Works 30 Brush
*Currie Machine Co. (Special Machinenry, Models, etc), 45 Fort
†De Croupet Iron Works, 345 Monroe av
*†Detiaff A. J. Co. (Grey & Malleable Iron Castings, Machinists, etc)
*Detroit Automatic Scale Co. (Computing Scales)
§*Detroit Bearing & Casting Co.
*§Detroit Brass Works (Cocks, Valves, etc.), Brooklyn & Belt Line
*Detroit Edge Tool Works (Mfrs.), Mount Elliott
*Detroit Engine Works
*†Detroit Foundry Co.
*§Detroit Foundry & Mfg. Co. (Brass Founders, stoves, etc.), 15 Macomb
*Detroit Gear & Machine Co. (Cut Gears, etc)
†Detroit Gray Iron Fdy. Co.
*Detroit Grinding Wheel Co. (Grinding Machinery, etc.)
*Detroit Heating & Lighting Co. (Steam Heating Apparatus, Gas Machines, etc.)
*Detroit Heating & Refrigerating Co. (Refrigerating Machines, etc.)
*Detroit Hoist & Machine Co.
See adv index at end of book
*§Detroit Lubricator Co. (Lubricators & Steam Separators)
*Detroit Motor Car Supply Co. (Oil Engines, etc), Kercheval & Connors ck
*§Detroit Motor Casting Co. (Auto Brass Goods and Power Boats), 299 Beaufait av
†Detroit Register Co. (Hot Air Registers & Hardware Specialties)
*Detroit River Iron Works (Marine Work, etc)
*§Detroit Sanitary Supply Co., 1191 2d
*†§Detroit Shipbuilding Co. (Iron & Steel Ships, Marine Engines & Iron & Brass Founders & Finishers)
†Detroit Steel Casting Co. (Steel Castings)
*†Detroit Stoker Co. (Mechanical Stokers, Grey Iron Castings, etc.), N Grand Boul & Riopelle
*†§Detroit Stove Works (Stoves, Ranges, etc), 1320 Jefferson av
*Detroit Tool Co.
*Detroit Twist Drill Co. (Twist Drills, Chucks, Reamers, etc), 555 Fort Seeadoert
†§*Detroit Valve & Fittings Co.
†Detroit Vapor Stove Co.
*§Diamond Mfg. Co. (Plumbers Supplies)
*†§Dodge J. Bros., Campau av
§Douglas & Lomason Co.
*Ellis Engine Co. (Gasoline Engines), 2843 E Grand boul
*†§Enterprise Foundry Co. (Light Grey Iron Castings), 1157 Warren av E
*§Essex G. B., Brass Co. (Lubricators & Brass Founders & Finishers)
†§Fairview Foundry Co., foot of Vanilla
§*Federal Brass Wks.
†§*Flower-Stephens Mfg. Co.
†*Ford Motor Co.
†*Fdy. & Mach. Products Co.
*Fruchey Mfg. Co. (Tools, Dies, etc), 429 Bagg
*Fuller Co. (Engines & Electric Ventilating Apparatus, etc)
*Gear Grinding Machine Co. (Gears, etc.)
*Gemmer Mfg. Co. (Auto Steering Gears, etc)
§General Aluminum & Brass Casting Co. (Aluminum & Brass Castings)
*Gies Gear Co. (Transmission Gears), Boydell bldg
*Golden-Belknap & Swartz Co., 1248 Grand River av W
*§Graebert & Sons (Brass Founders & Finishers), 12 Sherman
†§Grant Bros. Foundry Co., 697 Beaufait av
*Gray Motor Co. (Gasoline Marine Motors), Oakland & McLean
*†Great Lakes Engineering Works (See Ecosse, Mich.)
*†Griffin Wheel Co. (See Chicago, Ill.)
§Hackett Bros., 220 Lillibridge av
*Hale Motor & Machine Co., 654 Franklin
*Hanson Tool & Die Co. (Tools, Dies, etc.)
*†§Harvey's A. Sons Mfg Co., Lim. (Steam Heating Apparatus, etc.), 1st & Woodbridge av
*Henderson Motorcycle Co. (Motorcycles), 1158 Cass av
*§Hensley Trolley & Mfg. Co., 363 Holden av
*Hermann Eng. Co. (Marine Motors), 654 Franklin
*Huetteman & Cramer Co. (Brewers' & Refrigerating Mach., etc), Mack & Beaufait
*†Ideal Furnace Co. (Furnaces, Registers, Heating Specialties, etc.), 88 Jefferson av
*†§Ideal Mfg. Co. (Gas Heaters), Franklin & Dubois
*Ireland & Matthews Mfg. Co. (Stoves), 51 Iron
*Jefferson Iron Works Co. (Machinists)
*†Jenks & Muir Mfg. Co. (Brass & Iron Bedsteads), 1441 Hastings
*Johnston Frederick G., 74 State
†Kahl Fred., 382 E. Gd. blvd.
*Kennedy & Greig, 209 2d av
*Kermath Mfg. Co. (Gasoline Engines), 46 Fort E
*Kraetke Bros. Mach Co. (Machine Tools), 399 Macomb
Ladd John W. Co. (Creamery Machinery & Supplies)
*Lauer Jno. Machine Co. (Crankshafts & Special Machy.)
*Laugtry Machine & Tool Co., 700 Commonwealth av
*Lauhoff Bros. (Flour Mill & Tobacco Machy), 35 Chene
*Liebig Wm. & Co. (Brush Machinery), 96 Leland
*Lloyd Construction Co. (Gas Works Machinery), 860 Greenwood
§Long Mfg. Co.
†§*Lukomski Bros.
*§McCord Mfg. Co.
*McDonough Automatic Regulator Co., 716 Grand River av
*§**McRAE & ROBERTS CO.** (Brass Fdrs. & Steam & Plumbing Brass Goods, etc.), 227 Campbell av
See adv index at end of book
§Magnus Co., Inc.
§*Master Carburetor Corp.
†*Maxwell Motor Co.
*Mead & Co. (Pulverizing Machy., etc.), 19th & Newark
§Michigan Copper & Brass Co. (Brass Goods etc)
*Michigan Engine Valve Co, 115 Columbia W
†Michigan Grey Iron Castings Co., Harbaugh & C
*§Michigan Lubricator Co. (Lubricators, etc)
†Michigan Malleable Iron Co. (Malleable Iron Castings, etc) Delray
*†Michigan Sprocket Chain Co. (Conveyors, Sprocket Wheels), Delray
†Michigan Steel Casting Co., 248 Guion av
*†Michigan Stove Co. (Stoves & Ranges, "Garland")
Middleditch Benjamin (Screw Cutters, etc)
*Midland Machine Co. (Foundry Molding Machines)
†Monarch Foundry Co., Greenwood & G. T.
†Monarch Steel Castings Co. (Steel Castings, Car Couplers, etc)
†*Moore Edwin C. & Son
*Morehead Mfg. Co. (Steam Traps & Plumbers' Specialties)
*Morton Motor Co. (Gasoline Engines), 46 Lafayette av E
†Motor Castings Co., 710-50 Hort av
†Motor Foundry Co., 710 Hart av
*Mueller Chas. R. & Sons, 75 Shelby
*Murchey Machine & Tool Co. (Pipe Cutting, Threading Machines, etc), 85 Porter
*†§Murphy Iron Works (Smokeless Furnaces)
*Murray Specialty Mfg. Co. (Regulators & Governors), 97 Woodbridge
§National Bronze & Aluminum Castings Co.
*§National Fulton Brass Mfg. Co. (Brass & Bronze Castings, Bearings, etc.), 28 Brush
*National Iron Works
*National Twist Drill & Tool Co., Rust
§Norrie Brass Foundry
***NORTHERN ENGINEERING WKS.** (Foundry Equipment, Cranes, Hoists, etc.), 9 Chene
See adv index at end of book
*Northway Motor & Mfg. Co. (Gas & Gasoline Engines, Axles, etc)
*Oelman Curt (Dough Mixing Machinery, etc), 224 St. Antoine
Osborn F. C. (Special Mchy.), 64 Lawrence av
†§Packard Motor Car Co.
*Palmer-Bee Co. (Engineers & Machinists for Power Transmission, etc), Cameron & E. Gd. blvd
§*Park McKay
*Pelton & Crane Co. (Elec. Specialties)
*§Penberthy Injector Co. (Engineering & Steam Specialties, etc.), 346 Holden av
*Peninsular Brass Works, York bet. Cass & 2d
*Peninsular Emery Wheel Co. (Emery Wheels & Emery Wheel Machy.),
*†Peninsular Stove Co. (Coal & Gas Stoves, Ranges & Furnaces)
*Puritan Machine Co. (Slot Machines), Lafayette & 10th
*†Railway Steel Spring Co., Michigan & Hubbard. (See New York City)
*Reinhold Mfg. Co.
§Roberts Brass Mfg. Co. (Plumbers' Brass Goods, etc.)
*Rogers Chas. E. (Milk Condensing Machinery, etc), 32 Goldsmith
*Rogge Machine Co., 519 Hillger
*Ross & Young Machine Co. (Dies & Tools, etc), Jefferson & McDougall avs
*†Russel Wheel & Foundry Co. (Cranes, Cars, Wheels, Car Trucks, Castings, Special Machinery, Auto Parts, etc.), Chene & B. L. R. R.
†Schwartz Foundry Co., Fort W & Vermont
*Schweppe & Wilt Mfg. Co. (Gears, etc.)
*Scripps Motor Co. (Gasoline Marine Motors), 629 Lincoln av
§Sherwood Brass Works (Brass Finishers, etc)
*Smith H. Collier (Rotary Shears, etc.)
*§Smith Jos. N. & Co. (Brass Finishers & Platers, Automobile & Bicycle Works, etc)
†Smith-Matthews Foundry Co., 650 Bellevue av
*Smith Peter Heater Co. (Car Heaters, etc)
*§Standard Brass Works (Brass Fdrs., etc.), 97 Wight
*Standard Computing Scale Co. (Computing Scales), Fort & Hastings
*Stecker Elec. & Machine Co.
*†§Stephens Roe Mfg. Co. (Brass Fdrs., Finishers & Steam Brass Goods, etc.)
*Sterling Motor Co., 1147 W Grand Boul
*§Sterling & Skinner Mfg. Co. (Brass Fdrs. & Finishers & Steam Brass Goods), 2672 E. Grand Boul.
*Stoddard Jakel Machine & Tool Co., Kerr bldg.
*Strelinger Marine Engine Co. (Marine Engines), 25 St. Aubin
*†Stuart Foundry Co.

MICHIGAN—Detroit—continued
*†§Studebaker Corp.
*Superior Machine & Engng. Co.
†Swedish Crucible Steel Co. (Crucible Steel Castings), Butler & Grand Trunk RR.
*Tessmer Machine & Tool Co., 285 Rivard
*§Thiery & Kendrick Mfg. Co. (Aluminum, Brass & Bronze Castings, etc.), 660 Franklin
*§Trio Mfg. Co. (Brass Auto Parts, etc), Bellevue & Warren av
Tufting Machine Supply Co. (Leather Measuring Machines)
§*U. S. Novelty & Mfg. Co.
*†United States Radiator Corp. (Steam & Hot Water Heaters, Radiators, etc), B'way & Gd River
*Walter Machine Co., 186 Bellevue av
§Walz Christopher, 296 Division
*Waterman Motor Co., 235 Mount Elliott
*Watson Nelson M. (Machinery Specialties), Dailey bldg.
*†Whitehead & Kales Iron Works (Iron Fdrs. & Steel Structural Work), Beecher av
*Wing J. L. & Co
*Winkley Co. (Oil & Grease Cups, Oil Hole Covers, etc)
*Wright Mfg. Co. (Steam Traps & Steam Specialties), 97 Woodbridge W
DOWAGIAC—*†Beckwith P. D., Estate of (Stoves, Heaters, etc.)
*†Dowagiac Drill Co. (Agrl. Implts., Seeding Machinery, etc.)
EAST JORDAN—*†§Malpass Bros.
ECORSE—*†Ecorse Foundry & Machine Co. (Castings)
*†§Great Lakes Engineering Works
ESCANABA—*†§Chatfield Brass & Iron Wks. Co.
FENTON—*†Walker Mfg. Co. (Pumping Engines & Castings, etc.)
FERRYSBURG—*†Johnston Bros. (Boilers & Castings, etc.)
FLINT—*Cook Car Journal Cooler Co.
†Flint Pattern & Foundry Co.
†§*General Motors Corp.
*†Genesee Iron Works (Iron Fdrs.)
§†McCorkell & Hurd
†Michigan Motor Castings Co.
†U. S. Brass & Iron Fdy
*Walker-Weiss Axle Co. (Automobile Parts, Axles, etc.)
FRANKFORT—*†§Markham F. E.
GLADSTONE—*Marble Arms & Mfg. Co.
GRAND HAVEN—*†American Brass Novelty Co.
*†Challenge Machinery Co. (Printing Presses, etc.)
*†§Dake Engine Co. (Pneumatic Cranes, Hoists & Motors, Stearing Gears, etc.)
*§Grand Haven Brass Foundry
GRAND LEDGE—†*City Iron Wks.
*†Streeter Hiram R.
GRAND RAPIDS—*†§American Seating Co. (See Chicago, Ill.)
*Attwood Brass Works (Auto Mountings & Special Brass Work)
*Austin & Son (Saw Mill Machy., etc.)
*Baldwin, Tuthill & Bolton (Saw Mill Machy., etc.)
*†Butterworth & Lowe
*Clipper Belt Lacer Co. (Belt Lacing Machines), 1042 Front av
See adv index at end of book
†§Connor Foundry Co.
*Dodds Alex. Co. (Woodworking Machinery, etc.)
*Edge Frank & Co. (Saws & Saw Machy.)
*Elliott Machine Co. (Button Fastening Machines)
*†Fox Machine Co. (Wood & Metal Working Machinery, etc.)
*Fox Typewriter Co. (Typewriters)
*Globe Vise & Truck Co. (Vises, etc.)
*§Grand Rapids Brass Co. (Brass Fdrs. & Finishers)
†Grand Rapids Foundry Co. (Iron Fdrs.)
*†§Grand Rapids Gas Engine & Yacht Co. (Gas Engines & Yachts)
†Grand Rapids Malleable Works
*§Grand Rapids Refrigerator Co.
*Grand Rapids Textile Machinery Co. (Textile Machinery)
†Haney School Furniture Co.
§Harring F. J. & Co. (Brass Castings, etc.)
*†Hartman H. J. Foundry Co.
†Ideal Foundry Co.
*Imperial Machy. Co. (Woodworking Mchy.),
*§Keeler Brass Co. (Brass Fdrs. & Finishers, etc.)
*Knape Jno. Machine Co. (Machinists)
*†§Leitelt Adolph Iron Works (Iron Fdry. & Builders' Iron Work, etc.)
*Michigan Wheel Co. (Propeller Blades, Marine Gears, etc.)
*Monarch Machine Mfg. Co. (Saw Mill Machy)
*Munson Co. (Edge Tools, etc.)
§National Brass Co.
*Oliver Machinery Co. (Woodworking & Pattern Shop Machinery)
*†§Peck E. W. & L. K. Co.
*†§Perkins & Co. (Shingle Mill Machinery, Gas Engines, etc.)
*Porter C. O. Machinery Co. (Woodworking Machinery, etc.)
§Powell Brass Mfg Co
*Rapid Heater Co. (Hot Water Heaters, etc.)
†Rathbone Mfg. Co. (Fireplace Furnishings & Castings)
†§Rempis & Gallmeyer Foundry Co. (Iron & Brass Fdrs. & Concrete Machy.)
§Standard Brass Foundry Co,
Stanley Fdy Co.
*Tannewitz Works (Special Machinery, etc.)
*Valley City Machine Works (Woodworking & Grinding & Polishing Machinery)
*West Michigan Machine & Tool Co. Ltd.
*West Side Iron Works (Woodworking Machy.)
*Wilmarth & Morman Co. (Drill & Tool Grinders, etc.),
*§Wolverine Brass Works (Brass Fdrs. & Finishers)
GREENVILLE—*†Gordon Hollow Blast Grate Co. (Grate Bars & Woodworking Machinery)
*†Greenville Implement Co. (Plows & Implements)
*†Moore Plow & Implement Co. (Agrl. Implts., Plows, etc.)
*†§Tower R. J Iron Works (Mfrs. Machinery)
*†§Wright C. T. Engine Co.
HANCOCK—*†§Portage Lake Foundry & Machine Co. (Mining Machinery, Castings, Chilled Car Wheels, etc.)
§Ward & Williams
HARBOR SPRINGS—*Shay E. & Son (Machinists, etc.)
HASTINGS—*Consolidated Press Co. (Power Presses)
HILLSDALE—*†Alamo Mfg. Co. (Gas & Gasoline Engines, etc.)
HOLLAND—*Brownwall Engine & Pulley Co. (Gasoline Engines, etc)
*†Buss Machine Works (Machinists)
†*Holland Furnace Co.
*Holland Launch & Engine Co.
†Home Furnace Co.
*§Huntley Machinery Co.
†§Superior Fdy Co.
*Western Machine Tool Works (Machine Tools)
HOLLY—*†§McGonegal Frank E.
†Patterson Mfg. Co.
HOLT—†Nickel F. J. & Sons
HOUGHTON—*†§Carroll Foundry Co.
HUDSON—*Abbott W. H.
*Abbott & Co. (Carriage Bldrs.' Machinery)
*Hardie Mfg. Co. (Painting & Spraying Machines)
*†Hazen Mfg. Co. (Pumps, etc.)
IONIA—*†§Arnold's G. W. Son
*†Stafford E. H. Mfg. Co.
JACKSON—*Aspinwall Mfg. Co. (Potato Machinery, Planters, Diggers, etc.)
*Butcher & Gage
*Cement Machy. Co. (Concrete Bldg. Block Machinery & Devices)
*Clark E. C. Motor Co. (Motors, etc.)
†Cobb Wm.
*Field-Brundage Engine Works (Gasoline Engines & Motors)
*Fox Machine Co. (Drilling Machines)
*Frost Gear & Forge Co. (Gears, Pinions, etc.)
*Hall-Holmes Mfg. Co. (Concrete Mixers)
*Hutchison Frank (Flour Mill Machy.)
*§Jackson Brass Foundry Co.
*Knickerbocker Co. (Flour Mill & Cement Machy.)
*Lockwood Ash Motor Co. (Gasoline Engines)
†Lusk Bros. Foundry Co.
†Lusk Bros. Foundry Co. (Grey Iron Castings)
*Miles Co. (Concrete Building Block Machines)
*Mott Wheel Works (Auto Wheels & Axles)
*§Novelty Mfg. Co. (Stoves, Hot Air Registers)
†Pioneer Fdy Co., Ltd.
*Sanford James A.
*Sparks-Withington Co. (Ball Bearings)
*Walcott Lathe Co. (Machine Tools, Lathes, etc)
KALKASKA—*Johnson, E. F.
KALAMAZOO—*Armstrong & Veley
*Atlas Press Co., 323 N Park
*Burtt Mfg. Co. (Gasoline Engines)
†*Clarage Fan Co.
*†§Clark Engine & Boiler Co. (Steam Engines, etc.)
*D'Arcy Spring Co
*†Dutton C. H. Co. (Steam Engines, etc.)
*Foss Engine Works
*General Gas Light Co. (Gas Lighting Appliances)
§Gerline Brass Founry Co
*†§Goodale Co
*Harrow Spring Co. (See Milwaukee, Wis.)
*§Henderson-Ames Co. (Regalias, etc.)
*†Hill Curtis Co. (Saw Mill Machy.), (Loco. Driver Boxes)
*Humphrey Co. (Instantaneous Water Heaters, etc.)
Ideal Gas Light Co. (Gas & Electric Fixtures, etc.)
*†Kalamazoo Fdry. & Machine Co.
*Kalamazoo Machine & Tool Co.
†§*Kalamazoo Match Plate & Fdy Co.
*†Kalamazoo Railway Supply Co. (Hand & Motor Cars & Railway Supplies, etc.)
*Kalamazoo Spring & Axle Co. (Carriage Springs & Axles, etc.)
*†Kalamazoo Stove Co. (Stoves, etc.)
*†Kalamazoo Tank & Silo Co. (Mach. & Grey Iron Fdrs., etc.)
*Linihan M E (Fanning Mills)
§New Era Mfg. Co.
*Phelps & Bigelow Windmill Co. (Windmills, Pumps, etc.)
*†Reed Fdry. & Mach. Co. (Agrl. Implements & Crucible Steel Castings)
†Riverside Foundry & Galvanizing (Iron Fdrs.)
*Smith & Pomeroy Windmill Co. (Wind Mills, Feed Mills, etc.)
*§Star Brass Works (Brass Castings, Trolley Wheels, etc.)
LANSING—*Acme Engine Co. (Gasoline & Gas Engines, etc.)
*Bates & Edmonds Motor Co.
†Bement Stove Repair Co. (Stoves, Ranges, etc)
*Brownwall Engine & Pulley Co. (Gasoline Engines, etc.)
†Capitol Castings Co.
*Emergency Forge Co.
*Eureka Machine Co.
§Gerson & Carey Co.
*Gifford Engine Co. (Gas Engines)
*Ideal Power Lawn Mower Co. (Mfrs.)
*Jarvis Engine & Machine Works (Engineers & Machinists)
*†Lansing Co. (Car Wheels, Mining Cars, etc.)
*†Lansing Foundry Co.
*Lansing Motor & Pump Co. (Gasoline Motors, etc.)
†§Michigan Brass & Iron Works (Brass & Iron Founders)
*New Way Motor Co. (Gas & Gasoline Engines)
*†§Novo Engine Co. (Gasoline Engines & Castings)
*†§Olds Motor Works (Motors & Gas Engines)
*Original Gas Engine Co. (Gas Engines)
*Prudden Wheel Co., Inc. (Automobile Wheels, etc.)
*Reliance Engineering Co. (Cream Separators, etc.)
†Standard Castings Co.
LAPEER—†Bostick Stove Co. (Stoves & Castings)

LAURIUM—§Lake Superior Brass Fdy. Co. (Brass Founders)
LOWELL—*Lowell Specialty Co. (Spraying Machines)
LUDINGTON—Gile Tractor & Engine Co. (Gasoline Engines, etc.)
*†§Industrial Iron Works
MANISTEE—*†Johnson August N.
*†§Manistee Iron Works Co. (Saw Mill Machinery, Steam Engines, Iron Foundry, etc.)
MARCELLUS—†*Chapman H. L.
MARQUETTE—*†§Lake Shore Engine Works (Marine & Stationary Engines, Iron Fdrs., etc.)
***Longyear E. J. Co. (Diamond Drills)**
MARSHALL—*†Lambert Machine Co. (Food Machinery, etc.)
†Marshall Castings Co.
†*Marshall Furnace Co.
MASON—†Fingerle Jno. C. (Iron Fdry.)
MAYVILLE—*†Johnson Wm. J.
MENOMINEE—*Dudley Tool Co. (Tools, Wrenches & Bicycle Specialties)
*§Henes & Keller Co. (Air Pumps, Brass Fdrs., etc.)
*Lloyd Mfg. Co. (Automatic Machy., etc.)
*†§Menominee Electric Mfg. Co.
*†§Prescott Co. (Saw Mill Machy., Pumps, etc)
MILAN—†Ideal Furnace Co.
MONROE—*†§Monroe Fdry. & Furnace Co., (Castings, etc.)
*Monroe Specialty Co.
†Monroe Steel Castings Co. (Crucible Steel Castings)
*†Wilder-Strong Implement Co. (Agl. Implements, etc.)
MOUNT CLEMENS—†Donaldson Bros (Agl. Implements, Plows, Cultivators, Harrows, etc.)
*Phillips & McCreedy
MOUNT MORRIS—*†§Hughes Jno.
MOUNT PLEASANT—*†§Gorham Bros. Co.
MUNISING—†*Munising Fdy Co.
MUSKEGON—†Campbell, Wyant & Cannon Foundry Co.
*†Central Foundry Co.
†Clover Chas. S. (Iron Fdry.)
*Continental Motor Mfg. Co. (Marine Motors, etc.)
†Eagle Iron Works
*§Enterprise Brass Works (Frank Holt, Prop) (Brass Castings & Launch & Engine Trimmings)
†Gray Iron Fdy
*†Lakeside Foundry
*Linderman Machine Co. (Woodworking Machy.)
§Muskegon Aluminum Foundry Co. (Aluminum, Brass & Bronze Castings)
*Muskegon Motor Specialties Co. (Engine Parts)
†*Piston Ring Co.
†*Pyle Pattern Wks.
*†§Racine-Truscott Shell Lake Boat Co. (Launches, Engines, etc.)
*Shaw Electric Crane Co. (Main Office, New York City)
*†Simonson J. T. & Co.
*†Standard Malleable Iron Co. (Malleable Iron Castings)
*U. S. Gas Machine Co. (Pressure Blowers & Gas Machines)
†West Michigan Steel Foundry Co. (Steel Castings)
MUSKEGON HEIGHTS—*Linderman Machine Co. (Woodworking Machy.)
*†Morton Mfg. Co. (Machine Tools)
NASHVILLE—*Taylor John E.
NILES—*†Garden City Fan Co. (Iron Founders & Blowers, Fans, etc.)
*National-Standard Co. (Blowers, Feed Mills, Pumps, etc.)
*†Niles Steel Tank Co.
*†§Welling A. H.
NORTH DETROIT—Russell Motor Axle Co. (Automobile Axles)
NORTHVILLE—*†§Amercan Bell & Foundry Co. (Bells, etc.)
*Simpson Mercantile Equipment Co. (Wagon Platform & Truck Scales)
OWOSSO—*American Malleable Co. (castings)
†Independent Stove Co. (Stoves)
PETOSKEY—†Blackmer Rotary Pump Co. (Rotary Pumps, etc)
*†§Burnett Foundry & Machine Wks. (Ltd.) (Marine Gasoline Engines, etc.)
PLYMOUTH—*†Bennett Mfg. Co. (Air Rifles)
*†Daisy Mfg. Co. (Air Rifles)
*†§Hamilton C. J. & Son (Rifles, Guns, etc.)
*§Markham Air Rifle Co.
PONTIAC—*†Bacon Mfg. Co. (Bean Sorting Machy.)
*Standard Parts Co. (Spring Axles, etc.)
See adv index at end of book
†*Wilson Fdy & Mach Co.
PORT HURON—*American Machinery Co. (Flour Mill Machy.)
*Anker-Holth Mfg. Co. (Cream Separators)
*†§Draper Mfg. Co. (Valve Facing Tools, etc.)
*§Lee Wm. O. Co.
†Little Bros. Fdy Co.
Mueller Metals Co. (Forgings, Rod, Munitions & Components Parts)
*Port Huron Construction Co. (Auto Motors)
*†§Port Huron Engine & Thresher Co. (Agricultural Implements, Traction Engines, etc.)
†Romeo Foundry Co. (threshing machines)
†§Rudge Jno. Foundry Co.
*§South Park Mfg. Co. (Steam Specialties & Pneumatic Air Tubes)
†*So Park Mach. & Supply Co.
PORTLAND—*Jenkins W. S. & Sons
†*Portland Fdy Co.
RICHMOND—*†Parker Plow Co. (Agrl. Implements)
ROCHESTER—*†Jackson & Co.
ROMULUS—*†Seestedt Henry W.
SAGINAW—*Allington & Curtis Mfg. Co. (Blowers, Exhausters, Dust Collectors, etc.)
§*Am. Cash Register Co.
***American Sandstone Brick Mchy. Co.**
*†§Bartlett A. F. & Co. (Mine, Salt & Saw Mill Machinery, Engines & Iron & Brass Castings, etc.)
*Columbia Western Mills. (See New York)
*Erd Motor Co. (Gas & Gasoline Engines, etc.)
†Fair S. & Son
*Ferrell A. T. & Co. (Canning Machinery)
*Heginbottom S. H. & Sons
*Jackson, Church & Wilcox Co.
*†§Jackson & Church Co. (Mining Machinery, etc.).
*Koehler Bros. (Forge & Machine Shop)
*Lufkin Rule Co. (Rules, etc, for own use)
*Mershon W. B. & Co. (Woodworking Machy., etc.)
*†Mitts & Merrill (Founders & Machinists, etc.), 1939 S Water
§Murry & Mainwa
*National Engineering Co. (Gasoline Engines)
*†Nelson Bros. Co. (Gasoline Engines)
*†Saginaw Wheelbarrow Co.
*Stork Motor Works Co.
*Valley Boat Co. (Marine Engines)
†§Valley Grey Iron Foundry Co. (Grey Iron Castings, etc.)
***†WERNER & PFLEIDERER CO.** (Bakers' Rubber, Macaroni, Kneading & Mixing Machines, etc) 1232 No Niagara
See adv index at end of book
*†§Wickes Bros. (Saw Mill Machinery, etc)
See adv index at end of book
***Willcox Eng. Co.**
*Wolverine Machine Works
ST. CLAIR—†§*Baldwin Martin
ST. JOHNS—*Farmers' Cement Tile Machine Co. (Cement Tile Machines, etc.)
†§*Industrial Fdy Co.
*Mason F. C. & Co. (Agl. Implts. & Parts)
ST. JOSEPH—*Engberg Electric & Mechanical Works (Machinists, etc)
†Fay-Kultgen Fdy Co.
*†§St. Joseph Iron Works (Basket & Veneer Machinery, etc.)
***Truscott Pierce Engine Co.**
*Upton Machine Co.
ST. LOUIS—†§*Alma Standard Fdy. Mfg. Co.
§Lane B. R.
ST. MARYS—Quickwork Co. (Rotary Shears, etc)
SAULT SAINTE MARIE—*†§Hickler Bros. (Marine Work)
Kings Machine Shop & Fdy.
SEBEWAING—*†Kellogg W. H.
SOUTH HAVEN—†Brayer Wm
*Mapes E. B. & Co. (Peach Pitting Machines)
SPARTA—†Sparta Foundry Co.
STURGIS—*†Freeland B. F. Sons Co. (Iron Tanks, Heaters, etc.)
*§Miller Charles A. Co. (Plumbers' Brass Goods)
*†Morency - Van Buren Mfg. Co. (Plumbers' Specialties)
*Sturgis Machine Co.
TECUMSEH—*†Brewer H. & Co. (Brick Presses & Clay Working Machy., etc)
*†Heesen Bros. Co. (Feed Cookers, Hog Ringers, etc.)
THREE RIVERS—*Armstrong Machine Works (Wire Spokes & Nipples, etc.)
*†§Sheffield Car Co. (R.R. Specialties)
†§Three Rivers Brass Wks.
*†Three Rivers Railway Supply Co. (R. R. Specialties, etc.)
TRAVERSE CITY—*Potato Implement Co. (Corn & Potato Planters, etc.)
***†§Round Harry W. (Iron & Brass Foundry)**
*†§Traverse City Iron Works (Iron & Brass Fdrs. & Machinists)
UBLY—†§*Farriby J. W.
VASSAR—*Hammant & Shoop
VICKSBURG—*†§Vicksburg Governor Co.
WYANDOTTE—†Detroit Valve & Fittings & Detroit Brass Works (Malleable Iron Valves & Fittings)
*†Michigan Alkali Co. (Foundry Dept.)
†Regent Stove Co.
YALE—*Yale Machinery Co.
YPSILANTI—*† McCullough W. L. Co.
*†§Michigan Press Co. (Presses & Shears, etc.)
*Thompson O. E. & Sons (Agrl. Implements, etc.)
*†Ypsilanti Hay Press Co. (Hay Presses, etc.)
*†Ypsilanti Machine Works (Flour Mill Machinery, etc.)

MINNESOTA.

ALBERT LEA—*§American Gas Machine Co. (Gas Machines, etc.)
*Edwards C. D. (Stump Pullers & Ditching Machines)
*†§Veness J. W. (Machinist & Fdry.)
ALEXANDRIA—*†Austin Foundry Co.
***Fredenberg M. D.**
BLOOMING PRAIRIE—*Morton Thos. S. & Son
BRAINERD—*†§Parker & Topping Co. (Iron Fdrs., Light & Heavy Castings, etc.)
CALEDONIA—*Caledonia Wagon & Iron Works
CANNON FALLS—*Anderson John J.
CHASKA—*†§Ess Bros.
COLOGNE—*Kohls Wm. (Machinist)
CROOKSTON—*†Crookston Mfg. Co.
DASSEL—*Wreisner Bros.
DULUTH—***†CLYDE IRON WORKS** (Hoisting Engines, Log Loaders, Grey Iron Castings, etc)
See adv index at end of book
*Crane & Ordway Co.
*§Duluth Brass Works Co. (Railroad Brasses)
***Duluth Gas Engine Works**
*†Duluth Iron Works (Marine Engines, etc)
†Duluth Iron & Metal Co.
*Duluth Machinery Co.
*Globe Iron Works
*†§Imperial Iron Works (Power & Mining Machinery & Grey Iron Castings)
*†McDougall-Duluth Co. (Steel Shipbuilders)
†Marine Iron & Shipbuilding Works
†§Minn. Radiator Co.
*†National Iron Co. (Hoisting Engines, Hoists, Grey Iron Castings, etc.)
†*Oliver Iron Mining Co.
†Thomsen's L. J. Fdy.
FARIBAULT—†§*Anderson & Sons A.
*†Nutting Truck Co.
*Schimmel-Reid Co. (Sanding Machines)
*†§Winter F. W. & Co.
FAIRMOUNT—†§*Fairmount Gas Engine & Ry. Motor Car Co.

MINNESOTA—continued
FERGUS FALLS—*†§Fergus Iron Works Co.
GLENCOE—*†Glencoe Fdry. & Machine Co.
HASTINGS—*Estergreen F. E.
HOPKINS—*†§Minneapolis Threshing Machine Co.
KASSON—*Johnson V. C.
LA CRESCENT—†§Smith W. Grubber Co. (Stump Pullers, etc.)
LAKE CITY—*†§Gillett, Eaton & Squire (Engines, etc.)
MADISON—*Berg, Louis O.
MANKATO—*†§Mankato Mfg. Co. (Machinists & Founders)
*†§Mayer Bros. Co. (Trip Hammers, Castings, etc.)
MINNEAPOLIS — †American Brake Shoe & Foundry Co. (See New York City)
*†American Bridge Co., 629 S. E. 2d. (See Pittsburgh, Pa.)
*American Grain Separator Co. (Grain Cleaning Machy.), Erie & S. E. Essex
*Andrews Heating Co. (Low Pressure Boilers & Steam Heating Specialties)
Bros Wm. Boiler & Mfg. Co.
†Bryant J. W. Co., 2601 University av, S E
*†Central Machine Works Co. (Woodworking Machinery & Grey Iron Castings), 1234 Central av
*§Commutator Co. (Copper & Brass Fdrs., Finishers, Commutators, etc.), 121 N 1st
*†§Crown Iron Works Co. (Builders' Iron Work), 1229 Tyler
*†Diamond Iron Works (Grain Elevator, Saw Mill Mchy., etc.), 2d & 18th av N
†Eagle Iron Works, 9th av S & 5th
*Electric Machinery Co. (Dynamos, Motors & Generators), 14th av & N. E. Tyler
*†§Emerson-Brantingham Implement Co. (Traction Engines), 708 S. 3d. (See Rockford, Ill.)
*Enterprise Machinery Co. (Gasoline Tractors), 1118 S. 3d
*†§Flour City Ornamental Iron Works (Brass, Iron & Bronze Fdrs., Finishers, Machinists, etc), 27th & 27th av
†§*Gas Traction Fdy. Co.
†Great Western Stove & Repair Co., 312 Hennepin av
†Hauser Bros. Foundry Co., 1859 E. 28th
*Horton Mfg. Co. (Metal Patterns, Models, etc.), 3008 University av
*†§Howell R. R. & Co. (Saw Mill Machinery, etc), 31st av
*Hoyt Mfg. Co. (Laundry Machy.), 115 N. 9th.
*Imperial Machinery Co. (Traction Engines), 1611 Central av
†Kausel John
*Keller Mfg. Co., 1328 N. E. Quincy
*†Kinnard-Haines Co. (Engines, etc), 44th av N & Bryant
*Lagerquist Gus (Elevators, etc.), 514 N Third
*†Lenhart Wagon Co., 2600 University av
Marvel Machinery Co. (Re-Boring Machines)
†Menzel & Jeffrey Co., 900 S 4th
*Mereen-Johnson Machine Co. (Box Machinery), 4400 Lyndale av
*†Minneapolis Bedding Co. (Brass & Iron Bedsteads), E. Henn av & S. E. 5th
*§Minneapolis Brass & Iron Mfg. Co. (Brass Fdrs. & Finishers), 115 N 9th
†Minneapolis Crucible Steel Co., 38th av N. E. & 5th
*Minneapolis Separator Co. (Grain Cleaning Machy.)
*†§Minneapolis Steel & Machinery Co. (Corliss Engines, Heavy Castings, etc), 29th & Drexel
*†Minneapolis Threshing Machine Co. (Agrl. Implt. Mfrs.), 226 N 2d
*†§Minnesota Moline Plow Co., 401 N. 3d
*National Novelty Co., 519 3d S
†North Star Foundry Co., 32d av & 27th
*Northern Fire Apparatus Co. (Fire Engines, etc), 2422 Univ. av S. E.
*†Northwestern Safe Mfg. Co. (Safes, Bank Vaults, etc.)
*§Nott Fire Engine Co. (Fire Engines, etc.)
*†Owens J. L. Co. (Grain Cleaning Machinery, etc), Fulton & S. E. Huron
*Parten-Blomstrom Mfg. Co., 311 6th av S
*†Peteler Car Co. (car wheels)
*Power Equipment Co., 212 3d av N.
*Progressive Shoe Machinery Co. (Shoe Machinery), 3132 Snelling av
*Pynch E. A. & Co., (Flour Mill Machinery), 311 3d av S.
*Russell Grader Mfg. Co. (Road Machinery), 2005 Univ. av S. E.
†§St. Anthony Iron Wks.
†Salisbury & Saterlee Co. (Iron Bedsteads), 201 S E Main
*Shadegg J. C. Engine Co., 315 S 3d
*†Standard Foundry Co., 1036 3d av N. E.
*Strong-Scott Mfg. Co. (Feed Mill Machinery, etc), 413 S. 3d
*†Twentieth Century Brass Works Co. (Brass Founders & Launch & Yacht Trimmings, etc), 514 5th av, S
*Twin City Machine Co., Power bldg, Nic Isl.
§Twin City Rapid Transit Co. (Aluminum Brass, Grey Iron & Steel Castings), 11th & Hennepin
*Twin City Separator Co. (Grain Cleaning Machinery), 29th & Colfax av S
*†Union Iron Works, cor 123 Main S. E.
*Western Crucible Steel Casting Co., 2843 Pleasant av
*Willford Mfg. Co. (Flour Mill Machinery), 303 S 3d
MOORHEAD—†*Foulks William
NEW PRAGUE—*†§New Prague Foundry Co.
NEW ULM—*†§Leonhardt Chas. (Power Hammers, etc.)
NORTH BRANCH—*Splittstoser Mfg. Co. (Jobbing)
NORTHFIELD—*Northfield Furnace Co. (Furnaces)
*†Northfield Iron Co. (Concrete Mixers, etc.)
NORTH ST. PAUL—†*Minnesota Mfrs. Assn.
ORTONVILLE—*†§Mullica W. F.
OWATONNA — *†§Owatonna Mfg. Co. (Grain Drills, Seed Sewers, etc.)
*†§North Star Iron Works Co.
*Virtue & Pound Co. (Gasoline Engines)
*†Washington Tool Co. (Tools & Machinery)
PAYNESVILLE—*†Seavey C. W.
PLAINVIEW—*Edwards W. G.
RED WING—*Hjermstad J. M.
*Red Wing Motor Co. (Gas & Gasoline Engines)
REDWOOD FALLS—*Japs Frank A.
ROBBINSDALE—*Pearson E. Martin (Mailing Machines)
ROCHESTER—Marquardt & Ormond
†*Rochester Iron Wks
ST. CLOUD—*†§Granite City Iron Works Co. (Stone Working Machy.)
*†§St. Cloud Iron Works Co. (Granite Cutting & Polishing Machy.)
ST. LOUIS PARK—*Martin M. R. (Grinding Mills
*†§Monitor Drill Co. (Grain Drills, etc.)
ST. PAUL—*†§American Hoist & Derrick Co. (Contractors' & Quarrymen's Machy & Tools), 63 S Robert
*Anderson Co. (Agricultural Implts.) 2324 University av
*Auto Engine Works (Auto Engines), University & Griggs
*Borreson Mfg. Co.
*Carpenter Wing Carrier Mfg. Co. (Agricultural Implements)
*Dahlquist Machinery Co. (Elevator Bldrs., etc.), 240 S Exchange
*Erickson John E., Fillmore av & Walter
*Fosston Mfg. Co. (Agricultural Implements)
*†§Griffin Wheel Co. (See Chicago, Ill.)
*Heck G. J.
*Helwig Mfg. Co. ("Helwig" Pneumatic Tools, etc.)
†§Herzog Iron Works (Ornamental & Structural Steel Work, etc.)
*Joesting & Schilling Co. (Steel Ranges, etc), 379 Sibley
*Johnson C. I. Mfg. Co. (Printers'
*†Johnson W. V. Foundry
*Lee & Hoff Mfg. Co. (Elevators & Machine Work), 65 Water
†Northern Malleable Iron Co. (Malleable Iron Castings), Wells & Forest
*Northwestern Bedding & Mfg. Co., Wycliff N W cor Bradford
*§Northwestern Copper & Brass Wks., 59 W 3d
*†§Orme's Henry Sons (Foundry, etc.)
§St. Paul Brass Foundry Co., 2d & Minnesota
*†ST. PAUL FOUNDRY CO. (Steel Structures & Buildings, also Builders' & Railroad Castings, etc.), Como av & Mackubin.
See adv index at end of book
*St. Paul Machine Works (Machinists), 123 W 3d
*St. Paul Machinery Mfg. Co. (Woodworking Machy., etc.), Como & Marion
*†South Park Foundry & Machine Co. (Radiators, etc.)
*§Stickney Chas. A. Co. (Gasoline Engines, etc.), Fillmore & Starkey
†§Twin City Iron & Wire Works (Brass & Iron Fdrs., Elevator Enclosures, Fire Escapes, etc), 25 W Water
§*Twin City Lines
*§Union Brass & Metal Mfg. Co. (Plumbers' Brass Goods), Lawson & Mackubin
†Valley Iron Works (Iron Fdrs., etc.)
*Waterous Engine Works Co. (Auto Fire Engines), 62 Robert
*§Western Machine Mfg. Co., 443 Rosabel
*§Wolterstorff Range Co. (Steel Ranges, Furnaces, etc.), 66 E 3d
ST. PETER—†Bornemann Adolph (Grey Iron Castings)
SHAKOPEE — †Minnesota Stove Co. (Stoves)
†§Shakopee Stove Wks.
SOUTH PARK—*†§South Park Foundry & Machine Co. (See St. Paul)
SPRING VALLEY—*Kilburn Edw. (Machinist)
STILLWATER—*Atwood-Jones Mfg. Co.
†Dailey L. W. Stove Wks. (Stoves)
*†Jesse Aug. (Fdry., etc.)
*†§Swain D. M. (Foundry & Machinists)
THIEF RIVER FALLS—†*Thief River Falls Iron Wks.
TWO HARBORS—†§*Duluth & Iron Range Ry. Fdy.
VIRGINIA—*†§Virginia Foundry & Machine Co. (Steam Pumps & Brass & Grey Iron Castings)
WADENA—*†§Gehr H. W.
WARREN—*†Warren Machine & Iron Works Co.
WASECA—*Lang & Cochran
WINONA—*Baldwin Bros. (Hand Fire Engines)
*†New Winona Mfg. Co. (Feed Mills, Corn Shellers, etc.)
*Phenix Iron Works (Machinists)
*Pioneer Tractor Mfg. Co. (Traction Engines, etc.)
*Winona Machine & Boat Works (Gasoline Engines, Motor Boats, etc.)
*†§Winona Machine & Foundry Co.
*Winona Motor Co. (Boat Engines)

MISSISSIPPI.

BOLTON—*Birdsong Mason (Machinist)
BROOKHAVEN—†§*Arrington Fdy & Mach. Co.
CANTON—*Tull J. A. & Son
CENTERVILLE—*McElwee George D.
COLDWATER—*Perry A. G. Plow Co. (Agrl. Implts.)
COLUMBIA—*†§Wallace W. C.
COLUMBUS—*†Jacobs F. M.
*†Southern Mfg. Co.
CORINTH—*†§Adams W. T. Machine Co. (Saw Mill Machy., Engines, etc.)
*†§Corinth Machinery Co.
DOCKERY—*†Collins Plow Co., (Agrl. Implts., etc.)
GREENVILLE—*Berry H. N.
*†§Wall Jos. W. (Est. of)

GREENWOOD—*†Kitchell H. G. (Fdry. & Machinist)
GULFPORT—*†§Dantzler Foundry & Machine Works
*Smith W. R.
HATTIESBURG—*†§Enterprise Foundry & Machine Co.
*†Komp Machine Works (Fdry. & Machinist)
HAZLEHURST—*Hazlehurst Machine Shop (Inc.)
JACKSON—*†§McDonnell Foundry & Machine Co. (Plows & Castings)
*†§Miss. Foundry & Mach. Co. (Fdrs. & Machinists)
LAUREL—*†§Laurel Machine & Foundry Co.
MERIDIAN—*Hyde Chas. J. (Cotton Presses, etc.)
†§Marty Foundry Co.
*†§Soule Steam Feed Works (Saw Mill Machy.)
MOSS POINT—*†§Blumer Adam
NATCHEZ—*†§Shaw C. P. & Co.
PASCAGOULA—*Gatti T. C.
SCRANTON—*Gatti T. C.
SHUBUTA—†§*Brownlee J. W.
VICKSBURG—*Dutton & Jones Fdry. & Machine Wks.
†§*Robinson B. J. Mach. Wks.
†§Tickell Jos. & Son
*Vicksburg Boiler & Iron Works
WATERVALLEY—*†§Hendricks Wm. M.
WEST POINT—*Bentley F. A.

MISSOURI.

AURORA—†§*United Iron Wks. Co.
CALIFORNIA—*California Machine Wks
CAPE GIRARDEAU—*Erlbacher B.
†§*Cape Fdy. & Mach. Co.
CARROLLTON—*Heins Daniel
*Heins W. F. (Pumps)
CARTERVILLE—*†§Webb City & Carterville Foundry & Machine Works
CARTHAGE—*†§Carthage Foundry & Machine Works
*†§Standard Machine Mfg. Co. (Well Drills)
CHILLICOTHE—*†§Chillicothe Iron Co.
*†Jenkins Hay Rake & Stacker Co.
CLARKSVILLE—*†§Fletcher W. A.
CLINTON—*Haysler Mfg. Co.
*†§Industrial Iron Works (Grey Iron & Builders Castings, Engines, etc.)
COLUMBIA—*Vannatta A. L. (Stoves, etc.)
CRYSTAL CITY — *†§Pittsburgh Plate Glass Co. (See Pittsburgh, Pa.)
ELDON—Vanesdell Clark
FREDERICKTOWN—*†§Littleton T. R. & Son
FULTON—*†§Gilbert Wm
GARDEN CITY—*†§Kauffman J. L.
GREAT FALLS—†§Riverside Foundry
HANNIBAL—†Dildine Bridge & Iron Co.
†§Duffy-Trowbridge Stove Mfg. Co. (Stoves)
†Hannibal Car Wheel & Foundry Co.
*Long E. C. Mfg. Co. (Gasoline Engines)
*Worrell S. E. (Drying Machines)
HARRISONVILLE — †§*Gwathmey Mfg. Co., Inc.
*†Sharp A. J. & Co. (Machinist & Foundry)
HIGGINSVILLE—*†§Raasch G. A.
HUNTSVILLE—†Fleming & Sons Mfg. Co. (Rakes & Hay Stackers)
INDEPENDENCE—*†American Scale Co. (Scales, etc.)
†*Faultless Engine Co.
†§Independence Stove & Foundry Co.
JEFFERSON CITY—*Star Dynamo Co. (Dynamos & Motors)
*†§Tanner Bros.
*† Vetter H. J.
JONESBURG—*Godfrey H. M. (Plows)
JOPLIN—§*Joplin Brass & Metal Co.
*†§Joplin Foundry Co.
*†Rogers Foundry & Mfg. Co.
*†§United Iron Works Co. (See Springfield)
*†§Webb City & Carterville Foundry & Machine Works (See Webb City)
KANSAS CITY—*†American Gas Engine Co. (Gasoline Engines)
*†American Radiator Co.
*†American Scale Co. (Iron Founders, Scales, etc.)
*Bauer Machine Works Co. (Gas & Gasoline Engines)
*Cameragraph Co., 906 Baltimore av.
*Carr Mfg. Co. (Farm Machinery)
§Central Brass Works Co.
*Chandler Pumps Co.
*City Boiler & Machine Co. (Boilers Repaired & Gen'l Machine Work), 939 W. 8th
§Clarke's Brass Foundry
*Crago's Practical Machine Works
§*Crampton-Farley Brass Co.
*Demster W. R., 1316 Oak
*§Economy Gas Lamp Co.
*Economy Welding Machine Co.
†English Tool & Supply Co.
†Enterprise Foundry Co (Grey Iron Castings)
*†Faultless Engine Co. (Engines, etc.), 1511 Cypress
*Feltes & Donegan (Dies & Tools)
†§*Gate City F'dy Co.
*†§Great Western Mfg. Co., 1221 Union av
*Harbison Mfg. Co. (Implt. Supplies, etc.), 1001 Mulberry
*†Harrigan Safe Co. (Safes, etc.)
*Hervey Machine Works (Special Machinery), 209 Oaks
*Kansas City Elevator Mfg. Co. (Dumb Waiters, Elevators, Hoists, etc.), S E cor 26th & Madison
*Kansas City Engine Works (Gasoline Engines)
*Kansas City Engineering Co., Scarritt bldg
*†Kansas City Hay Press Co. (Hay Presses, Feed Mills, Haying Tools, etc.)
*Kansas City Machine Works (Machinists)
*Kansas City Pump Co.
*†Kansas City Structural Steel Co. (Structural Steel Work)
†Kansas City Wire & Iron Works (Structural Iron Work, etc.)
*Koch Butchers' Supply Co., 519 Wyandotte
†Loewer John E. Wire & Iron Works (Structural Steel), 914 Campbell
Manson Campbell & Sons Co. (fanning mills)
*Mathews Hugh (Cylinder Boring Bars, etc.)
*Murray Machinery Co. (Repair Shops)
*National Machine & Construction Co.
*Neevel Mfg. Co.
*Pitless Auto Turntable Co.
†Prest Heating & Foundry Co. (Iron Founders)
*§Prier Brass Mfg. Co. (Plumbers' Brass Goods, etc.)
†Pugh Foundry Co. (Iron Founders)
*Saunders & Co. (Envelope Sealing Machines), 1700 Brooklyn av
†Security Stove & Mfg. Co. (Stoves, Castings, etc.), 17th & Oakland av
*Sloan Novelty Mfg. Co.
*†§Smith & Son Mfg. Co. (Plows, Hay Presses, Rakes, etc)
*§Star Brass Works
*Tilk Frank Ornamental Iron Wks. Co. 211 W 19th
*Triumph Mfg. Co., 500 Delaware
*†§United Iron Works Co. (Ice Making, Mining & Cement Machinery), Builders' & other Iron Castings,
*Vogl Tool Co. (Stonecutters' Tools, etc.), 912 E 19th
†West Side Foundry Co.
†*Witte Engine Wks.
*X. L. Concrete Stone Machine Co.
KENNETT—*†Kennett Engine & Boiler Works
KIRKSVILLE—*†§Sherwood W. L.
KNOBNOSTER—*Hunter A. J.
LEXINGTON—*Taubman Charles
LINNEUS—*†Superior Hay Stacker Mfg. Co. (Hay Stackers, etc.)
MARYVILLE—*†§Armstrong Wm.
MILAN—*Sevier J. D. Son
MOBERLY—†*Moberly Fdy & Mach. Co.
NEOSHO—*†§Neosho Foundry & Plow Works (Plows, etc.)
ORONOGO—*Oronogo Machinery Co.
PLEASANT HILL—†*Am. Scale Co.
POPLAR BLUFF—*†§Holcomb W. A.
ST. CHARLES—*†§American Car & Fdry. Co. (Cars, etc.) (See St. Louis)
Leistner & Sons Mfg. Co.
†§St. Mary's Oil Engine Co.
ST. JOSEPH—*Acme Machine Co. (Machinists)
*†§Berry Foundry & Mfg. Co.
*†Berry Iron & Steel Co. (Iron Founders' and Builders' Iron Works)
*Bielhen Foundry & Machine Works
†Crowther & Rogers Mfg. Co. (Foundry & Machine Works)
*Cushman Sprayer Co.
*Geis & Bichler
*Hammond Packing Co.. (Grey Iron Castings, Lamp Posts, etc.)
*Jamieson Machine Co. (Machy, etc.)
*†King Foundry Co.
†Phoenix Foundry & Mfg. Co.
§St. Joseph Brass & Iron Co.
*Specialty Shoe Machy Co.
*Swanson-St. Joseph Plow Co. (Agrl. Implements, etc.)
*Swift & Co.
*Voltz Mfg. Co., 914 Penn.
ST. LOUIS—*Acme Machine Works (Cut Gears, etc.), 1500 N 18th
*Adam Frank Electric Co. (Electric Goods), 904 Pine
*Alsop Process Co. (Special Cofton Machinery)
*†American Bed Co. (Iron Bedsteads), 18th & Park av
*American Brake Co. (Car Brakes & Specialties), 1932 N Broadway
*American Car Co. (Electric Cars, etc.) 1518 S. Vandeventer av
*†§American Car & Foundry Co. (Cars, Car Wheels, Cast Iron Pipe, Grey & Malleable Iron Castings, etc.), Syndicate Trust Bldg.
*American Electric Machine & Elevator Co., 1706 N 12th
*†§American Foundry & Mfg. Co. (Water, Gas & Plumbers' Goods, Hardware, etc.)
*†§American Stove Co. (Stoves)
*Atkins H. C. Mfg. Co., 745 S 3rd
*Ball Phil De C. (Ice Machines), 3003 N Broadway
†Banner Iron Works (Grey Iron Castings & Builders' Iron Works)
*Barry-Wehmiller Machy. Co. (Bottlers' Machy., etc.)
*§Bayer Steam Soot Blower Co.
*Bradley Stencil Machine Co. (Stencil Machines), 3745 Forest Park blvd
*Brauer A. G. Supply Co. (Stove Repairs, etc.), 316 N 3d
*Brecht Co. (Packing House Machy. etc.), 1201 Cass av
†§Bridge & Beach Mfg. Co. (Stoves), 1st & Valentine
*Brockman J. R. Mfg. Co. (Steam Fitters' Tools & Supplies, etc.), 617 N 2d
*†§Buck's Stove & Range Co. (Stoves, etc.), 3500 N 2d
*†Busch-Sulzer Bros.-Diesel Engine Co. (Oil Engines), 2nd & Utah
*†Cahill-Swift Mfg. Co. (Plumbers' Supplies & Brass Goods), 20 S 12th
†Carondelet Foundry Co. (Iron Fdrs.), 2101 Kingshighway blvd
*Century Electric Co. (Electric Motors) 19th & Pine
*Champion Shoe Machinery Co. (Shoe Machinery)
†§Charter Oak Stove & Range Co. Stoves, etc.), Antelope & Conduit
†Christopher & Simpson Iron Works Co. (Iron Fdrs. of Bldrs.' Iron Work)
*Clemens John (Iron Work), 1922 S 7th
†Commercial Fdy. Co.
*†Commonwealth Steel Co. (Steel Castings, Car Trucks, etc), Pierce bldg. Works: Granite City, Ill.
*Copper Clad Malleable Range Co. (Stoves & Ranges), 520 N Commercial
Crescent Tool Mfg. Co. (Dies, Tools), 1002 Cass av
*Crowder Bros., 2018 Locust
*†§Curtis & Co. Mfg. Co. (Saw Mill Machinery & Air Compressors, etc.), 1571 Klenien av
*Diagraph Co. (Stencil Cutting Machines), 2121 N 9th
*†Ellison Wm. & Sons Mfg. Co. (Coal Mining Machinery, etc.)
*Emerson Electric Mfg. Co. (Electric Fans & Specialties, etc.)
*Essmueller Mill Furnishing Co.
§Eureka Brass Co., 601 Red Bud av
†*Excelsior Tool & Mach. Co.
*Fernholtz Brick Machinery Co. (Brick Press Machines)
*Fisher & Davis (Excelsior & Woodworking Machy., etc.), 934 N 1st
*†Foster Bros. Mfg. Co. (Iron Beds, etc.)
*†Fritz Geo. J. Foundry & Machine Co. (Engines, Boilers, Machy. Fdrs., etc.), 2018 S 3rd
*†Fulton Iron Works (Cane Sugar Machinery) 1259 Delaware av

MISSOURI—St. Louis—continued
*Geraghty Bros. Elevator Co. (Elevators, etc.), 416 S 6th
*†Gerst Bros. Mfg. Co. (Iron Fdrs. & Bldrs. Iron Works), 800 Cass av
*§Gilbert A. & Sons Brass Foundry Co. (Car & Engine Brasses, etc.)
†Gravois Fdy. & Mfg. Co.
*Gravois Machine Shop Co. (Jobbers), 712 N 10th
†Green's Car Wheel Mfg. Co., 9th & Dock, B'way
*†Hager C. & Sons Hinge Mfg. Co.
*Hall & Brown Woodworking Machine Co. (Woodworking Machinery), 1913 N B'way
*†Heinz C. Stove Co. (Stoves, Ranges, etc.), 100 N 2d
§Hewitt Mfg. Co. (Journal Bearings, etc.)
*Hirsch Cal. & Sons Iron & Rail Co. (Guns Repaired), 300 S B'way
*Hoffman-Marquard Iron & Machine Co.
*House Cold Tire Setter Co. (Tire Setters, etc.), 4143 Laclede
*Hoyt Metal Co., Boatman's Bk. bldg
*Ice & Cold Machinery Co. (Refrigerating Machinery & Supplies), 3003 N B'way
*Inland Machine Wks. (Dies, Jigs & Fixtures & Special Machinery), 800 Mound
*Jacob Robt. Engine & Machine Co., 211 Chouteau av
*Kauffman Engineering Co.
*†Kaysing Iron & Foundry Co.
†Kilpatrick A. & Sons Foundry Co. (Castings, Kettles, etc.), Carrie & Bulwer av
*Knight W. B. Machinery Co. (Drilling Machines)
*§Kraushaar Brass Mfg. Co. (Gas & Electric Fixtures), 919 Pine
§Kupferle Bros. Mfg. Co. (Brass Fdrs. & Machinists), 600 N 2d
*†§Kupferle Jno. C. Foundry Co. (Hardware & Plumbers' Specialties), 1st & Wright
§Laclede Brass Works, 307 Cedar
*Laclede Iron Works (Jobbing), 1315 Chestnut
*†Landay Stove & Range Co. (Stoves, etc.), 1402 N 16th
*Landis Machine Co. (Sewing Machines, etc.), 25th & Mullamphy
***§Lasar Mfg. Co., 1313 N 16th**
*§Leading Brass & Metal Co., 2715 Hickory
†Liberty Foundry Co. (Grey Iron Castings), 7601 Reilly av
*†Ludlow-Saylor Wire Co., Newstead av, cor Wabash R. R.
*McGoogan J. J. (Machinist)
§Magnus Co., Inc.
*Maier Wm. (Jobbing), 3408 N 22d
*†Majestic Mfg. Co. (Steel & Malleable Iron Ranges, etc., 2014 Morgan
*†§Materne John P. Mfg. Co. (Machinists, Pipe Fitters, etc.)
*Maynard J. F. (Ice Refrigerating Machinery), 116 Geyer av
*Mechanics Iron Works, 901 S Ewing av
*†Medart Patent Pulley Co. (Iron Fdrs. & Machinists, Power Transmitting Machinery), 3500 De Kalb
*Mellon & Storm Mfg. Co. (Brass & Iron Bedsteads, etc.)
*§Mesker Bros. Iron Co. (Builders' Iron Works), 421 S 6th
*§Messmer Fred. Mfg. Co. (Gears, Brass Fdrs., etc.), 2700 S 7th
*§Missouri Brass Type Fdry. Co., 1620 W 22d
*†Missouri Bridge & Iron Co., Fullerton bldg.
*Missouri Engine Co.
†Missouri Iron Co., La Salle bldg.
*Missouri Lamp & Mfg. Co. (Fire Extinguishers), 114 Elm
†Missouri Malleable Iron Co., East St. Louis
Modern Brass Fdy.
*Moloney Electric Co. (Transformers), 78 Hickory
***Moon & Hopkins Billing Machine Co.,** (Adding Machines, etc.), 2235 O'Fallow
*§More-Jones Brass & Metal Co. (Babbitt Metal, Car Brasses & Castings)
*Mound City Machine & Pattern Co.
*Mound Tool Co., 1203 S 7th
§Mueller H. P., 219 Lombard
§National Cut Bronze Wks
*§Nelson N. O. Mfg. Co. (Plumbers' Specialties, etc.), 10th & Chestnut
§Northwestern Brass, Bronze & Aluminum Fdy.
§Northwestern Brass Wks., 2117 N 9th
*Olive F. W. (Jobbing), 1007 Marion
*†Pauly Jail Building Co. (Steel Jail Work), 2215 DeKalb
†Pavyer Printing Machine Works, Broadway & Poplar
***Pfoertner Lehmann Machine Co.**
*Progress Press Brick & Machine Co. (Brick Machinery, etc.)
*Putnam Die Co., 917 N Market
§*Quick Meal Stove Co.
*Ramming John Machine Co., 300 S Main
*Ramsey Machine & Elevator Co. **(Elevators & Jobbing), 207 N 12th**
***Reliance Machine & Tool Works,** Channing & Franklin av
*†Ruemmeli-Dawley Mfg. Co. (Ice & Refrigerating Machy., etc.), 3900 Chouteau av
*†Rumsey L. M. Mfg. Co.
***§St. Gemme Frank Fire Apparatus** Co. (Brass Finishers, Fire Extinguishers & Machinists)
†St. Louis Architectural Iron Co., Lesperance & De Kall
†St. Louis Axle Co. (Axles, Grey Iron Castings, etc.), La Salle W of Jefferson
§St. Louis Bell Foundry (Bells, etc.), 2735 Lyon
***St. Louis Boat & Engine Co., 3608 S** Levee
*§St. Louis Brass Mfg. Co. (Brass Fdrs. & Finishers), 2613 Washington av
*†§St. Louis Car Co. (Car Builders, Brass & Iron Castings, etc.), 8000 N B'way
*St. Louis Frog & Switch Co., Chemical bldg.
*St. Louis Gas & Gasoline Engine Co. (Marine Gasoline Engines), 2615 De Kalb
*†St. Louis Iron & Machine Works Corliss Engines, etc.), 126 Chouteau av
§*St. Louis Lightning Rod Co.
*St. Louis Machine Tool Co. (Machine Tools, etc), 2607 S B'way
*†St. Louis Malleable Casting Co. (Malleable & Grey Iron Castings), 7701 N Conduit av
†St. Louis Steel Foundry (Manganese Steel Castings), Hamburger & Kienlen av
*St. Louis Well Machine & Tool Co., Kingsland av
*St. Louis Wire & Iron Co.
*Sanitary Street Flushing Machine Co. (Street Flushing Machines)
*Schmidt Wm. F. & Co., 3149 Texas
*Schoelhorn-Albrecht Machine Co. (Machinists), 416 N Main
*Schurk Iron Works, 20 S Cardinal
*†Scullin-Gallagher Iron & Steel Co. (Open-Hearth Steel Castings, etc.)
Skinner Bros. Mfg. Co., 10th & Tyler
*§Smith & Davis Mfg. Co. (Iron & Brass Bedsteads), Smith & Locust
*†South St. Louis Foundry Co. (Iron Fdrs, & Bldrs.' Iron Work), 7514 S Broadway
†Southern Wheel Co. (Car Wheels), Railway Exch. bldg
*†Spuck Iron & Foundry Co. (Iron Fdrs.)
*Standard Part Co., 2115 Chauteau av
See adv index at end of book
***Steiner Mfg. Co. (Electric Motors,** Coffee Mills, etc.), 4100 N 21st
§Stuckstede H. Bell Foundry Co. (Bell & Brass Fdrs.), 1312 S 12th
*Stupp Bros. Bridge & Iron Co., Frisco bldg.
*§Superior Brass & Mfg. Co., 106 S 8th
*Swaine Fred J. Mfg. Co. (Machine, Tools, etc.), 2nd & O'Fallon
*Teuscher & Son Machinery Supply Co.
*Tolland J. W. (Jobbing), 2319 Chestnut
†Tower Grove Foundry Co., 4444 Hunt av
*Turley H. G. (Cut Gears)
*Victor Iron Works, 7th & Victor
*Victor Machine Works
*†Wagner Electric Mfg. Co. (Dynamos Motors, etc), 6400 Plymouth av
*†Warren Steel Casting Co. (Steel Castings, etc.), 4700 Fyler av
*Wenger Geo. Machinery & Supplies Mfg. Co. (Machinery & Castings, etc.)
*§West St. Louis Machine & Tool Co., 606 Vandeventer
†Western Foundry & Sash Weight Co. Grey Iron Castings), 2nd & Miller
*Western Screw Products Co., 3200 S 7th
Whitman Agricultural Co. (Agrl. Implts.), 7000 S B'way
*Wissler Instrument Works (Engineers' Instruments, etc.), 601 N Broadway
*Wrought Iron Range Co. (Ranges, etc.), 5661 Natural Bridge ave
*Ziegler Robt. & Sons (Printing Presses, Bookbinders' Machinery, etc.), 208 Vine
SALISBURY—*Roling J. F.
SAVANNAH—*†§Schuyler W. S. (Gas Stoves, etc.)
SEDALIA—*Barley Thos. K. (Agrl. Implements, Harrows, Haying Tools. etc)
*Ritter Richard H.
*†§Sedalia Foundry & Machine Works
*†Wells. Geo.
SEYMOUR—*†Freeman L. D.
§*Freeman Fdy. & Mach. Wks.
SPRINGFIELD—*†§New Phoenix Foundry & Machine Co.
*Schmook H. B.
†Silsby Stove & Queensware Co. (Stoves, etc.)
*†§United Iron Works Co.
*†Woods-Evertz Stove Co. (Stove Mfrs.)
TARKIO—†§*Gallaway Wm. Co.
UNIONVILLE—*†§Stalcup Machine Shop & Garage
VALLEY PARK—†Wilson Stove & Mfg. Co. (Sheet Iron Stoves)
WEBB CITY—†Central Foundry Co.
*†§Webb City & Carterville Foundry & Machine Works (Mining Machinery & Grey Iron Castings)
WEST PLAINS—*Summers W. L.

MONTANA.

ANACONDA—*†§Anaconda Copper Mining Co.
BILLINGS—*†§Billings Foundry & Mfg. Co.
†§*Great Western Sugar Co.
BUTTE—*†Anaconda Copper Mining Co.
*Butte Machinery Co.
*†§Montana Iron Works
*†§Western Iron Works
GREAT FALLS—*§Anaconda Copper Mining Co.
*†§Great Falls Iron Works (Fdrs. & Machinists)
HELENA—*†§Caird Engineering Works (Stamp Mills & Castings, etc.)
*Hansen C. L. (Machinist)
*†§Western Foundry & Machine Works

NEBRASKA.

BEATRICE—*†§Beatrice Iron Works
*†§Dempster Mill Mfg. Co. (Cultivators, Grain Drills, etc.)
*Kees F. D. Mfg. Co.
CENTRAL CITY—*Jensen P. C.
DAVID CITY—*Barker Mfg. Co. (Garden Weeders, etc.)
FAIRBURY—*†§Simpson John
FREMONT—*†§Fremont Fdry. & Machine Co.
HASTINGS—*†§Hastings Fdry. & Iron Works (General Foundry & Machine Work)
§*Rose J. A. Mfg. Co.
HEBRON—*†§Nickel Chas.
HILDRETH—*†§Hildreth Iron Works
HOLDREDGE—*†§Hultquist Bros.
KEARNEY—*†§Kearney Foundry Machine & Auto Co.
LINCOLN—*†Cushman Motor Works (Engines & Motors, Gasoline)
*†§Hedges C. E.
McAlpine A.
†§*Plallner-Yale Mfg. Co.
*Ress W. N. (Machinist)
NEBRASKA CITY—*§Eccleston F. B.
*†King Drill Mfg. Co.
NORFOLK—*Bergstrom A. B.

OMAHA—*American Machine Works (Special Machinery)
*†§American Smelting & Refining Co. (See N. Y. City)
*Baker Ice Machine Co. (Ice Machines)
*Briggs Pump Co.
*Case J. I. Plow Works
†§Champion Iron & Wire Works
*Davis Joseph S.
*†Jubilee Mfg. Co. (Sad Irons, etc.)
†Liddell Jno.
§McDonald Bros. (Brass Fdrs.)
*Melchoirs Peter Machine Works (Machinist)
†Mid-West Iron Works
*Nebraska & Iowa Steel Tank Co.
*Omaha Electrical Works
*Omaha Folding Machine Co. (Paper Folding Machines, etc.)
†Omaha Foundry Co.
†Omaha General Iron Works
*Omaha Machine Works (Special Machinery)
†Omaha Stove Repair Works
*Omaha Structural Steel Works
†§*Paxton-Mitchell Co.
*†§Paxton & Vierling Iron Works (Iron Fdrs. & Builders' Iron Work)
*Sterling Mfg. Co. (Argic Implements & Supply Co.
*Sunderland Machinery & Supply Co.
†§Wearne Bros. (Iron Fdrs.)
†Western Iron & Wire Works
*Western Rock Island Plow Co.
PLATTSMOUTH—*Knapp G.
†§*Western Mach. & Fdy. Co.
RALSTON—†Howard Stove Works
YORK—†*York Fdy. & Engine Wks.

NEVADA.

RENO—*†§Nevada Engineering & Supply Co.
TONOPAH—†§*Campbell & Kelly, Inc.

NEW HAMPSHIRE.

ALSTEAD—†Lufkin Plow Co.
BERLIN—*†§Berlin Foundry & Machine Co.
†§*Cross Ezra M. Machine Co.
CHARLESTON—*Superior Tap Co. (Stocks & Dies, Taps, etc.)
CHESHAM—*Russell Edward G.
CLAREMONT—*Sullivan Machinery Co. (Diamond Drills, etc.)
CONCORD—*†Concord Foundry & Machine Co.
*Cushman Electric Co. (Electric Motors, etc.)
†Ford Foundry Co. (Stoves)
†§Ford & Kimball (Brass & Iron Fdrs.)
Matson Machine Co. (Metal Cutting Off Machines)
Nat'l Separator & Mach. Co. (Turret Drill Presses, etc.)
CONTOOCOOK—*Kingsbury & Davis Machine Co. (Paper Box Machy.)
DOVER—*Davis Herbert M. (Machinist)
*†§Kidder Press Co. (Printing Presses, etc.)
*National Woodworkingf Machine Co.
EAST CONCORD—*§Badger Franklin L.
*Eastman Samuel Co. (Nozzles, etc.)
EXETER—*§Exeter Brass Works (Plumbing Specialties & Brass Fdrs.)
*Lane G. W. & C. A. (Grinding Mills, etc.)
FRANKLIN—*Acme Knitting Machine & Needle Co. (Knitting Machines.)
†§Beaupre Bros.
*Griffin G. W. Co. (Woodworking Machinery, Jig Saws, etc.)
HINSDALE—*Granite State Mowing Machine Co. (Lawn Mowers & Trimmers)
*Holman Jason R.
†Tilden Frank W. (Iron Fdry.)
KEENE—*Black J. C. & Co. (Engineers & Machinists Water Power)
*Hill Dan L.
*Hubbard H. W. (Jobbing Work)
†Humphrey Machine Co. (Water Wheels, etc.)
*Sargent George W.
LACONIA—*†Esty Sprinkler Co. (Mach. & Fdry. & Fire Extinguishers)
*Esty Wm.
*Huse Warren D. & Sons (Knitting Machinery)
*†§Laconia Car Co. (See Boston, Mass.)
§Laycock J. & H.
*†McGloughlin Iron & Brass Fdry. Co.
*Mayo Geo. D. Machine Co. (Knitting Machinery, etc.)
§Wood Colvin
LAKEPORT—*Bickford H. & Co. (Machine Tools)
*Crane Mfg. Co. (Knitting Machines)
*McDuff Wm. J. (Marine Stationary Engines)
LANCASTER—*†Thompson Mfg. Co.
LEBANON—*Baxter Machine Co. (Band Saws, Planers, etc.)
*†Cole S. & Son
*Kendrick-Davis Co. (Watchmakers' Tools and Electrical Specialties)
MANCHESTER—*†§Amoskeag Mfg. Co.
*Corey Wm. Co. (Knitting Machines, Needles, etc.)
*Lacene Mfg. Co. (Shoe Machy.)
*Leighton Machine Co. (Knitting Machinery)
NASHUA—*American Shearer Mfg. Co. (Sheep Shearing Tools, etc.)
*Flather E. J. Mfg. Co. (Gear Cutting Machines & Machine Tools)
†Flather Foundry Co. (Iron Fdrs.)
*Flather & Co. (Machine Tools, etc.)
*†§Highton Wm. & Sons Co. (Warm Air Registers & Aluminum, Brass, Bronze & Grey Iron Castings)
*Improved Paper Machinery Co. (Paper & Pulp Mill Machy.)
*International Paper Box Machine Co. (Paper Box Machy.)
†Nashua Co-Operative Iron Foundry Co.
†§*Nashua Iron Fdry.
*Nashua Machine Co. (Machinists)
Nashua Saddlery Hdwe. Co.
*Rollins Engine Co. (Engines, etc.)
*Spence & Rideout (Power Cloth Presses, etc.)
†White Mountain Freezer Co. (Ice Cream Freezers, Light & Heavy Grey Iron Castings, etc.)
NEWFIELDS—†Newfields Iron Fdry.
NEWTON JUNCTION—*Brown Emma C.
PENACOOK—*†Concord Axle Co. (Stone Polishing Machy., Axles, Brass Castings, etc.)
§Hoyt Electric Instrument Works (Electrical Instruments)
PETERBORO—*White's Sam'l G. Sons
PORTSMOUTH—*Chadwick & Trefethen (Expanding Reamers, etc.)
†Portsmouth Foundry Co.
ROCHESTER—*†Furnald John C.
*†§Rochester Foundry & Machine Works.
SALMON FALLS—†Somersworth Foundry Co. (Stoves, Ranges, etc.)
SOMERSWORTH—*Brackett, Shaw & Lunt Co. (Gasoline Engines, etc.)
SUNAPEE—*†Smith N. A. (Est. of)
UNION—*§Hamlin E. F. Brass Co.

NEW JERSEY

ALDENE—§*Watson, Stillman Co.
AMPERE—*Crocker-Wheeler Co. (Electric Machy.)
ARLINGTON—*§Lovell F. H. & Co. (Brass & Copper Goods)
*Stiles T. George Co. (R. R. Appliances)
ASBURY PARK—*†§Murphy Foundry & Mfg. Co.
ATLANTIC CITY—*Seashore Machine Wks
BARTLEY—*†Bartley R. C. Co. (Steam Heaters)
*†§Bartley Wm. & Sons (Saw Mill Machy.)
BAYONNE—†§Am. Radiator Co.
*†§Babcock & Wilcox Co. (Water Boilers, Tube Boilers, etc.)
§Bayonne Casting Co.
*†§Bayonne Steel Casting Co. (Monel Metal & Steel Castings, etc)
§Bergen Point Brass Fdry.
*Bergen Point Iron Works (Coal & Ore Handling Machinery)
†Clark's Iron Foundry
Elco Co. (Gas Engines, Launches, etc.)
*Electric Launch Co. (Gas Engines, Launches, etc.)
*Electro-Dynamic Co. (Motors)
*Knickerbocker Metallic Bed Co.
*Safety Insulated Wire & Cable Co. (See New York)
*Texas Co. (See New York)
BELFORD—*Walling Luther
BELLEVILLE—§Delaney Edward
*§Eastwood Wire Mfg. Co. (Iron, Brass & Bronze Castings, Special Machinery, etc.)
*Hoppen J. E. & Sons, 78 Main
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Rogers Wire Works, Inc. (Wire Cloth, etc)
Thomson Machine Co. (Bakers, etc.)
BLOOMFIELD.—*Baylis Co. (Carbon Brushes. Gas Regulators, etc.)
§Cadmus Bros.
*Eastern Tool & Mfg. Co. (Special Machinery), Bloomfield av
*Empire Cream Separator Co. (Cream Separators)
§Ferguson Geo. N.
*§Jenkins Mfg. Co. (Brass & Composition Castings of All Kinds & Plumbers' Brass Goods, etc.)
*Sprague Electric Works of Gen'l Electric Co. (See New York City)
*White Ira F. & Son Co.
BOONTON—*Van Duyne Orlin S.
*Whitehead Oscar P.
BORDENTOWN—*†Riverview Iron Works
*Swift Geo. W., Jr. (Paper Box, Envelope & Special Machinery)
BOUND BROOK—*Bound Brook Engine & Mfg. Co.
*†§Timmis & Clissold
BRIDGETON—†Barker Wm.
*§Bridgeton Chandelier Co.
*†Cox & Sons Co. (Engines & Heating Apparatus)
*§Crescent Art Metal Co.
*Ferracute Machine Co. (Sheet Metal Working Machinery, etc)
*Hettinger Engine Co. (Gas & Gasoline Engines, etc.)
BURLINGTON—*†§Devlin Thos. Mfg. Co. (See Philadelphia, Pa.)
†Lindsay John C. & Co.
*†Stuart & Peterson Co. (Enameled Iron Ware, etc.)
*†U. S. Cast Iron Pipe & Fdry. Co. (Cast Iron Pipe.)
CAMDEN—*Acme Staple Co, Ltd. (Staple Machines)
*†Blair Mfg. Co. (Machinists' Tools)
†Camden Forge Co.
*†Camden Foundry Co.
*†Camden Iron Works (Pumping Machinery, etc.). (See Phila., Pa.)
*Esterbrook Steel Pen Mfg. Co. (Steel Pens)
*Frand Martin J. & Co.
*Hunt C. Howard Pen Co. (Steel Pens)
*Industrial Mfg. Co. (Sewing Machines)
*Lambert & Todd Machine Co.
*Langston Samuel M. Co. (Paper Box Machinery)
Mathis John H. Co. (Ship Builders)
*New Jersey Wire Stitching Machine Co.
*New York Shipbuilding Co. (Iron & Steel Ship Builders)
*Noecker & Ake Shipbuilding Co
*Phoenix Meter Co. (Gas Meters & Appliances)
*Quigley & Dorp (Machinists & Ship Builders)
*Smith & Sinclair Machine Co. (Machinists)
*†Southwark Scale Co. (Scales, etc.)
*Victor Talking Machine Co. (Talking Machines)
*Webster Warren & Co. (Machinists & Feed Water Heaters, etc)
CARLSTADT—§Klaber S. & Co. (Bronze Founders)
CARTERET—*†§Wheeler Condenser & Engineering Co. (See New York City) *See adv index at end of book*
CHROME—*†Chrome Steel Works (Chrome Steel & Specialties)
†§U. S. Metals Refining Co.
DOVER—*Dover Boiler Works (Steel Plate Work of All Kinds)
*McKiernan-Terry Drill Co. (See New York City)
*†Richardson & Boynton Co. (Stoves) (See New York City)
§Ulster Iron Works
DUNELLEN—*†§Hall Printing Press Co. (Printing Presses, etc.)
EAST NEWARK—*†§Hewitt John (Iron, Brass & Aluminum Castings)
*Hortsmann F. W. Co.
EAST ORANGE—*Collinson Joshua
*Simms Magneto Co. (Carbureters)
*†§Smith A. P. Mfg. Co. (Brass & Iron Founders, Tappings Machines, Pipe Cutting Machines, etc.)

NEW JERSEY—continued
EAST TRENTON—*†**DE LAVAL STEAM TURBINE CO.** (Steam Turbines)
See adv index at end of book
*East Trenton Machine Works
EDGEWATER—†Davis Foundry Co.
ELIZABETH — †*Am. Enameling Mfg. Corp.
*American Gas Furnace Co.
*American Swiss File & Tool Co. (See New York City)
*Braunsdorf-Mueller Co. (Tools, etc.)
*†Brown A. & F. Co. (See New York City)
*†Colwell Lead Co. (Plumbers' Supplies) (Office, New York City)
*Elizabeth Mfg. Co. (Bottle Washing Machy.)
*†§Hitchings & Co. (See New York City)
†§Kluin E. & Sons
*†Moore Bros. Co. (High Grade Grey Iron Castings & Machine Work)
*†Moore Sam'l L. & Sons (Grey Iron Castings, Engines, Machy. & Presses)
*New Jersey Dry Dock & Transportation Co.
*†§Singer Mfg. Co. (See New York City)
†United States Grate Bar Co.
ELMER—Charlesworth G. A. (Millwright & Machinist)
*Wolbert Chas. W. (Millwright, etc.)
FLEMINGTON—*†§Foran Fdry. & Mfg. Co.
FLORENCE—*†§Florence Iron Works (See Phila., Pa.)
FORT LEE—*Vogel & Franchi (File-Cutting Machines)
FREEHOLD—*†Bawden J. H. & Co.
*Stokes Bros. Mfg. Co. (Rasps, Files, etc.)
GARFIELD—*De Mattia Bros.
GARWOOD—*Bell Electric Motor Co. (Mfrs.)
*C. & C. Electric & Mfg. Co.
§*Continuous Casting Corp.
*†§Garwood Bronze & Iron Works (Annealing Boxes, Grey Iron, Brass, Bronze & Aluminum Castings, etc.)
*Hall Switch & Signal Co. (R. R. Signals, etc) (See New York City)
GLASSBORO—*†Carnell Wm. & Son
GLOUCESTER CITY—*†Pusey & Jones Co. (Shipbuilders, etc), Pennsylvania & New Jersey Yards
*†Rogers John M. Works (Machinists' Fine Tools, etc)
GRENLOCH—*†§Bateman Mfg. Co. (Agrl. Implements & Light Grey Iron Castings)
GUTTENBERG—Lutz Co.
HACKETTSTOWN—*†§American Sawmill Machinery Co. (Saw Mill Machinery, etc.)
†§Bowers M. B.
†§Torrid Heater Co.
HADDONFIELD—†Reeves S. V. (Stoves, etc.)
HAINESPORT—*†Johnson J. D. Co. (Cast Iron Soil Pipe & Plumbers' Castings). (See New York City)
HARRISON—§Allan A. & Son (Brass Fdrs), 6th & Bergen
*CAVAGNARO JNO. J. (Macaroni, Silk Finishing, Embossing, Wire Weaving Machy., etc)
*General Electric Co.
*Hyatt Roller Bearing Co.
Hall Mfg. Co. (Engineers' Specialties)
*National Hoisting Engine Co. (Hoisting Engines, etc.)
*Osborne C. S. & Co. (Harnessmakers' Tools, etc.)
§Osborne, J. K. Mfg. Co.
†*Otis Elevator Co.
†Reuther Bros.
*†§Shriver T. & Co. (Brass & Grey Iron Castings, Cranes, Presses, Sugar Machinery, etc.)
*T. C. M. Mfg. Co.
*Torrance Mfg. Co. (Textile Machy.)
*†§Worthington Pump & Machinery Corp. (Henry R. Worthington Works)
HASBROUCK HEIGHTS—*Olmstead's L. H. Son (Machinist & Power Hack Saws, etc.)
HIGH BRIDGE—*Manganese Steel Safe Co. (Manganese Steel Vaults & Safes). Works, Plainfield, N. J.
*Taylor-Wharton Iron & Steel Co.
HIGHTSTOWN—*†Peppler Thomas (Agrl. Implements)
*Wyckoff Bros.
HOBOKEN—*Autographic Register Co.
*Buchholtz Carl Co. (Wrought Iron & Brass)
*Button Machinery Co. (Button Machinery)
*Consolidated Iron Works (Engines, Machy., etc.)
*†§Elevator Supplies Co. (Brass & Iron Casting)
*†Ferguson F. & Son (Grate Bars, Propeller Wheels, Machinery, Heavy Green Sand, Castings, etc.)
§†Fisher-Sweeney Bronze Co.
*§Fletcher W. & A. Co. (Marine Engines, etc.)
§Flynn Bros.
*†Focht Geo. Sons (Dumping Tubs & Buckets, Castings, etc), 117-119 Adams. *See adv index at end of book*
*Friedrichs Carl
*Front Drive Motor Co. (Motor Engines)
*Hunter Wm. Machine Co. (Machine Engineers & Machinists)
*Lutz Alois M. (Elec. Fixtures, etc.)
*†New York Switch & Crossing Co. (Frogs, etc.)
*Nilson-Miller Co. (Special Machinery, Gears & Gasoline Engines, etc.)
*†Oltmer Iron Works
*Penna. R. R. Marine Shops, ft 10th
*Schimper Wm. & Co. (Metal Goods of Every Description, Spinners, etc), 322-338 Ferry & 33 Union sp, W, New York
†Stevens Institute of Technology
*Tidewater Iron Works
*Tietjen & Lang Dry Dock Co (Shipwrights & Machinists)
*†§Union Iron Works (Dump Cars, Tubs, Buckets, Iron & Brass Castings, Coal & Ore Dumping Machinery, etc.)
*Wilson Bros.
HOPE—*†Aten Henry F.
IRVINGTON—*†Barnett Oscar Fdry. Co. (Tools & Grey Iron Castings, etc.)
†Bierman-Everett Foundry Co. (Grey & Malleable Iron Castings)
*Irvington Mfg. Co. (Tools, etc.)
*Rademacher A. E. (Scales, etc.)
JAMESBURG—*†§Pownall F. H. Iron Works
JERSEY CITY—*Ames W. & Co. (Machine Shop for Repairs), Communipaw av
*Barge & Lighter Repair Co. ft of Henderson
†Berthe Albert, 763 Patterson av
*†Boynton Furnace Co. (Iron Fdrs., Ranges & Heaters), Pacific av, op. Bramhall av (See New York City)
*§Brady Brass Co. (Brass Fdrs. & Finishers), 170 14th
*Clute H. C., 380 Wayne
*†Colby E. B. & Co. (Stoves, etc.) Hoboken av
*CORCORAN A. J., Inc. (Pumps, Windmills, Tanks & Towers, etc), 745 Jersey av
*Graig James (Glas Engines), Garfield av
*†§Crane Wm. M. Co. (Stoves, Grey Iron & Brass Castings). Garfield av. (See New York City)
*Davis Jas. & Son (Elevators, etc.), 463 Pacific av
§*Diamond Carburetor Co.
*†Fagan Iron Works, 14th
†*Forbes John R.
*Frank & Hedden Co. (Tools, etc.), 183 1st
*Fraser Mfg. Co. (Coffee Roasters & Cleaning Machy.), 573 Henderson
*†Gibson Iron Works Co. (Fdrs. & Machinists, Dumping Grates, etc.), 168 1st
*§Gothberg H. & E. (Brass & Bronze Finishers), 139 Cator av
*†§Griscom-Russell Co., 72 York (See New York)
See adv index at end of book
*Hamill Alex Iron Works (Structural & Ornamental Iron Work), 426 Montgomery
†Hudson Foundry Co., 173 2nd
*Jersey City Machine Co., 113 Plymouth. *See adv index at end of book*
*†Kellogg M W Co., 117 West Side av. (See New York City)
*KOVEN L. O. & BRO. (Heavy Sheet Metal Works, etc), 154 Ogden av
See adv index at end of book
§Krouse Geo. (Heavy Brass & Phosphor Bronze Castings), 150 Morgan
*†McCabe Jas J., 10th. (See New York City)
*McLaughlin Thos., 53 Essex
§Magnus Co., 364 9th
*†Marcy Stove Repair Co., 340 Grove
*†§Mersereau Metal Bed Co., 292 Johnston av
§Murphy Wm. J., 279 10th
*New Jersey Car Spring & Rubber Co. (Car Springs, etc), 91 Brunswick
†New York Foundry Co., Pacific av
†New York Metallic Bedstead Co., 198 Pacific av
*†§Patterson-Allen Engineering Co., (Valves, etc). (See New York City)
*§Schroeder Edw. Lamp Works (Brass Founders & Finishers), 716 Jersey av
*†See A. B., Electric Elevator Co. (Elevators, etc.), Pacific av
*†Smith Theo. & Sons Co. (Machinists & Fdrs.), ft. of Essex
Smith & Dudt
*†SNEAD & CO. IRON WORKS (Jigs, Fixtures, Gauges, Special Machinery, Lathe, Planer, Punch Press & Stamping Work, Electric & Acetylene Welding, Baked Enameling & Polishing), 98 Pine
See adv index at end of book
†Spence James, 923 Garfield av
*§Spindler & Deringer (Machine Work & Brass Foundry, Valve Work a Specialty), 243 Mercer
*Standard Motor Construction Co. (Marine Gas & Oil Engines), 180 Whiton
*†Steele & Condict (Rock Crusher Parts, Castings & Refrigerating Machines), 74 Pearl
†West Bergen Iron Fdry. (Powell Bros., Props.), 21 Pollack av
§Williams E A & Son (Brass & Bell Founders), 109 Plymouth
KEARNEY—*Tait Geo. W.
KENILWORTH — *American Circular Loom Co.
*†Wright Chas. E. Co. (Wood Working Machy.)
LAMBERTVILLE—*Kugler Layton T.
*†§Lambertville Iron & Steel Co. (Grey Iron, Brass & Composition Castings & Machinists)
LODI—*United Piece Dye Works (Machine Shop for Their Own Use)
LYNDHURST — *§Leslie Co. (Pressure Regulators, Brass & Bronze Castings, etc.)
MADISON—†Force, C. C. & Son
MAHWAH—*†American Brake Shoe & Foundry Co. (Grey Iron Castings, etc.) (See New York City)
MATAWAN—*†§Matawan Steel & Iron Co.
§Munning-Loeb Co. (Dynamo Mfrs., etc.)
METUCHEN—*Borgfeldt Cigar Machine Co. (Cigar Machy.)
*Borgfeldt N. H. & Co. (Cigar Machy.)
MILLINGTON—*Nash Duane H. (Harrows)
MILLVILLE—†Madden & Gaskill
†Tyler D. D.
MORRISTOWN—*Dutton Willis H.
NAUGHRIGHT—†*Hopler Bros.
NEWARK—†Acid Proof Iron Products Co.
*Albee H. M. & Son (Hatters' Machy.), 201 Sussex av
*Almond David (Hat & Fur Machy.), 88 Warren
*§Aluminum Goods Mfg. Co., Springfield av
*§American Aluminum Ware Co., 374 Jeliff av
*§American Hame & Bit Co., 59 N. J. R. R. av
*American Transformer Co (Electrical Specialties), 145 Miller
*Anderson Geo. & Co. (Diamond Cutting Machines), 8 Orange
§Art Castings Works, 104 Verona
§Art Metal Works (Bronzes, etc.), 7 Mulberry
*Automatic Weighing Machine Co. (Mfrs), 138 Commerce

*Backus Water Motor Co. (Gas Engines, Water Motors, etc.), 172 Penna av
*Bailey Wm J. (Jewelers' Tools, Dies, etc.), 401 Mulberry
*†Barlow Foundry Co., 551 R. R. av
*Behrendt Herman F. 22 Green
†Birdsall W. A. & Co. (Heaters) 18 Mechanic. Works: Collegeville, Pa.
†Bless & Drake, 175 N. J. R. R. av
*§Brabson Bros. (Saddlery Hardware) 47 Hamilton
§Brass Founders' Supply Co. (Brass Molds, etc.), Hamburg pl.
*§Breeze Carburetor Co., 250 South
*Brooks E. J. & Co. (Inc.), N 13th (See New York City)
*Buermann August Mfg. Co. (Saddlery, Hdw., etc.), 220 Jeliff av
†Burns Iron Works, 201 Commerce
*Burroughs Charles Co. (Machinists & Hydraulic Machinery), 141 Commerce
§Bushauer Peter (Brass Fdry.), 261 Elm
*†Central Foundry Co., Lockwood (See New York City)
*Chapman W. H. (Machinists), 227 Mulberry
*Chase Edw. O. (Fine Machys.), 46 Lawrence
*†Clark Jas. T. Co. (Edge Tools, etc.), 70 Adams
*Climax Co. (Locks, Latches, etc.), 275 Passaic
*†Currier Cyrus & Sons (Leather Machy., etc), 365 Market
*De Camp & Sloan Mfg. Co. (Special Machy.) 420 Ogden
*Delany D. & Son (Carriage & Wagon Springs, etc.), Hamilton
*Diffany & Co (Jewelers' Dies, etc.), 209 Parkhurst
*†Drake W. H. Co. (Heaters, etc.), 36 Clinton
*Edwards B. V. & Co. (Wrapping Machinery) 45 Austin
*Ellis Adding Typewriter Co. (Typewriters), 338 Elizabeth av
*Emory Robt. J. Co. (Machinists), 27 Runyon
*†Essex Fdy., Murray
*†§Foster Engineering Co. (Steam & Engineers' Specialties, etc), 109 Monroe
*§Gamon Meter Co. (Water Meters), 282 South
†Goeller H. R. (Builders' Iron Work), 406 Frelinghuysen av
§Goldsmith C. A. (Brass Fdry.), 42 Cutler
*†Gould & Eberhardt (High Class Machine Tools),
*§Gould's M. Son & Co. (Brass Goods, etc.), 115 Lafayette
§Griffoul August & Bros. Co., 282 Chestnut
*Groch Max, 41 Av L
§Hanson & Van Winkle Co. (Platers' Machinery & Supplies), 269 Oliver
*Hartig Standard Gas Engine Co., 69 Commercial
*†Hay Foundry & Iron Works (Builders' Castings & Iron Works), Plum Point lane
*Healy Geo., 11 Alling
*Hebb Geo. A. (Springs) 70 William
§Hedges & Bro. (Brass Castings & Finishers & Plumbers' Brass Goods), 10 R. R. pl.
*Heller Bros. Co. (Tools, Files, etc.), 879 Mt. Prospect av
*†§Hewes & Phillips Iron Works (Corliss Engines & Iron & Brass Castings), 8 Orange
§Hewitt Bearing Metal Co., Inc., 209 Berkeley av
†§ Hewitt F'dy Co., John
*Huebel Mfg. Co. (Padlocks, etc.), 103 Monroe
*†Isbell-Porter Co., 46 Bridge
*§Jost's Edmund Sons, 48 Dickerson
*Klaus & Co. (Machinists), 541 Ferry
*Lambert Hoisting Engine Co. (Hoisting Engines & Hoisting Machinery, etc), 117 Poinier
*La Vergne Pump Co. (Power Pumps, etc), 284 N 5th.
§Lawrence L. & Co., 292 Halsey
*Leiman Bros., 160 Christie av
*§Lovell-McConnell Mfg. Co. (Electrical), 194 Wright
*Lowentraut P. Mfg. Co. (Skates, Tools, etc.), 36 Bruen
*Loy & Nawrath Co. (Sheet Metal Working Machinery), 25 Runyon
†Maher & Flockhart (Iron Fdrs.), 60 Polk
*†Maher's Edward Sons, 216 Berlin
*Marx-Winkler Co., 473 Washington
†Meeker Foundry Co. (Malleable & Grey Iron Castings)
*Meisselbach-Catucci Mfg. Co. (Machine Tools), 25 Congress
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*Millington & Bradshaw (Tools & Machy.), 69 N. J. R. R. av
*Monitor Boat and Engine Co., 215 Summit
*Morgan Edward (Special Machinery), 35 Vesey
†Morrison Foundry Co., 111 Gotthart
*Muller Fred (Hat Machy.), 214 Lackawanna av
*Mundy J. S. Hoisting Engine Co. (Hoisting Engines, etc), 722 Frelinghuysen av
See adv index at end of book
*National Lock Washer Co. (Lock Washers, etc.), 65 Johnson
*National Mfg. & Steel Supply Co. (Sheet Steel Products, etc), 781 Summit
*§Newark Brass Works (Machy., Trunk Mfrs.' Machy., etc.), 22 Lawrence
*Newark Gas Engine and Mfg. Co. (Gas Engines), 676 N 6th
*Newark Leather Machinery Co. (Leather Working Machinery), 127 N. J. R. R. av
*Noble & Hunt (Machinists), 359 Mulberry
*Ohl Geo. A. & Co. (Sheet Metal Working Machy., Trunk Mfrs.' Mach., etc), 159 Oraton
Oxweld Acetylene Co., 640 Frelinghuysen av
*†Pfaff & Kendall (Pipe Cutting & Threading Machines, Nipples, Columns, etc.), Ferry & Foundry
*§Phoenix Lock Works (Locks, etc.), 3rd av
*Plumb David S. (Clock Movements), 73 Norfolk, nr. Central av
See adv index at end of book
*Positive Lock Washer Co. (Lock Washers, etc.), Ave A
§Redlinghouse J.
§Reinbold Jos. Bronze Co. (Bronze Founders)
*§Riley-Klotz Mfg. Co. (Metal Goods, etc.), 17 Mulberry
†Riverside Mfg. Co. (Furnace Regulators & Heating Specialties), 162 Riverside av
†Riverside Steel Casting Co. (Crucible & Vanadium Steel Castings)
*Ruesch H. J. Machine Co. (Jewelers' & Silversmiths' Machy., etc.), 407 Mulberry
†Sacks Louis (Grey Iron Castings), Hamburg pl.
*Sayre L. A. Co. (Tools, etc), 332 Mulberry
§Schueler T. & Co., 48 19th av
§Shaw Bros., 43 Hermon
*Skinner & Leary Co. (Engineers & Machinists), 19 Com'l
*Sloan & Chase Mfg. Co. (Precision Machy.), 351 Sixth av
†Smith Albert Sons (Iron Railing, etc), 73 N. J. R. R. av
*Steffens Amberg Co., 262 Morris av
*Storm Mfg. Co., 50 Vesey
Sun Typewriter Co. (Typewriters), 50 Columbia
*†§Thatcher Furnace Co., 36 St. Francis. (See New York City)
*Tirrill's Gas Machine Co., 14 Commercial. (See New York City)
*†Traud Alex. Co. (Castings & Embossing Presses, etc.), 5 Maine
*Tucker C. F. & Co. (Tool Makers), 93 Green
*†§Turner Machine Co. (Iron & Brass Fdrs. & Special Machy.), 28 Eagles
*Universal Tobacco Machine Co., 98 Murray
*†Watts-Campbell Co. (Corliss Engines & Iron & Brass Castings), 298 Ogden
*§Wheaton A. W. Brass Works (Brass Fdrs. & Finishers), 21 R. R. pl.
§Wiener-Barnet Co., 328 Adams
*Wright L. Machine Works, 9 Alling
*Zeh & Hahnemann Co. (Presses, Dies, etc), Vanderpool
§Zusi Edward, 78 Mechanic
§Zusi Edw. A. (Brass Foundry), 101 Monroe

NEW BRUNSWICK—*†Brunswick Refrigerating Co. (Ice Making Machy. & Grate Bars)
*Consolidated Fruit Jar Co. (Metal Specialties)
*Crawford Mfg. Co. (Machinery Mfrs.)
*†§Marine Mfg. & Supply Co. (See New York City)
*Neverslip Mfg. Co. (Horseshoes & Toe Calks)
*†§New Brunswick Iron Works (Brass & Iron Castings, Forgings, Builders' Iron Works, Patternmakers)
*Potter Fred J. (Motors, etc.)
*†Waldron Jno. Co. (Machinery & Castings)

NEWTON—*Farrell Jno. (Hay Forks)

NUTLEY—*New York Jewell Filtration Co. (Water Filters, etc)

ORANGE—*Bates Mfg. Co. (Automatic Numbering Machines, etc.)
*Edison Phonograph Works, Inc. (Phonographs, Dictating Machines, etc.)
*Edison Thomas A. (Inc.) (Talking Machines, Moving Picture Machines, etc.)
†N. J. Fdy. Co.
*Orange Machine & Mfg. Co. (Machinists)
*Townsend S. P. & Co. (Lawn Mowers)

PASSAIC—*Antoine & Son
†Binns Henry (Iron Fdry.)
*Botany Worsted Mills (Machine Shop for their own use)
*De Vries Bros. (Jobbing Machinists)
*†§Eagle Iron & Brass Foundry (Inc.)
*Lyall J. &. W. (Textile Machy., Looms, etc.)
*Magor Car Co. (See New York)
*Novelty Iron Works
*Richardson Scale Co. (Scales)
*†Robins Conveying Belt Co. (Conveying Machinery & Hoisting)
†Schmidt J. G.

PATERSON—*†§American Locomotive Co. (Locomotives.) (See New York City)
*§Asbell S. J. Co. (Plumbers' Brass Goods)
*Atherton Machine Co.
†Barker Fred (Iron Fdrs.)
*Bogert-Carlough Co.
*Buckley's B. Son (Textile Machinery)
*†§Bucyrus Co. (See South Milwaukee, Wis.)
§Casson Robert H.
*†Eastwood Benj. Co. (Textile Machy., Shafting, Pulleys & Hangers, Iron & Brass Castings, etc.)
*Finigan Zabriskie Co.
*Hakemeyer Machine Co. (Textile Machinery)
†Hilton Samuel
*Hindley E. B. & Co. (Silk Machy.)
*Johnson-Van Vlaanderen Machine Co.
*King & Gerber Co. (Machinists)
*Knapp C. H. (Textile Machy., etc.)
*†§McNab & Harlin Mfg. Co. (See New York City)
*Morrison Jas. L. Machine Co.
*Paterson Foundry Co. (Grey Iron Castings)
*Royle John & Sons (Photo Engraving, Rubber & Textile Machinery, etc.)
*Sipp Machine Co. (Silk Machinery, Gas Engines, etc.)
§Taylor Robt. & Son (Brass Fdry.)
*Terhune J. I. Machine Works (Silk & Velvet Finishing Machy., etc)
*Vreeland Chas. & Co.
*†Watson Machine Co. (Cordage & Silk Mill Machinery, Castings, etc.)
*Widmer Bros. (Silk Ribbon Machinery)
*Wood Drill Works (Rock Drills)

PAULSBORO—*Cox I. G. & Bro. (Agrl. Implements, etc.)

PENNSGROVE—*Homan Vandever S. (Gasoline Engines)

PERTH AMBOY—§*Chemical Pump & Valve Co.
*Hoyt Metal Co.
†Marcy Stove Repair Co. (Stove Repairers) (See New York City)
*Perth Amboy Dry Dock Co.
*†§Perth Amboy Foundry & Machine Co.
*†§Raritan Copper Works
*Raritan Dry Dock Co.

NEW JERSEY—Perth Amboy—continued
§*Sibley & Pitman
*†§Schantz & Eckert (Machy. Builders)
*†§White Patrick & Sons
PHILLIPSBURG — *†§Ingersoll-Rand Co. (See New York City)
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*Tippett & Wood
*†Warren Foundry & Machine Co. (Cast Iron Pipe & Water Works Specialties)
PLAINFIELD—*International Motor Co. (See New York)
†Kennard Iron Works
*Laing Machine Auto Repair Co.
*Manganese Steel Safe Co. (Manganese Steel Vaults & Safes.) Works: High Bridge, N. J.
*†Niles-Bement-Pond Co. (See New York City)
§Plainfield Brass Fdry.
*†§Potter Printing Press Co. (Printing Presses, etc.)
*†§Scott Walter & Co. (Printing Presses, etc.)
POTTERSVILLE—*†§Excel Mfg. Co. (Grinding Mill, Crushers & Pulverizers & Iron Castings)
RAHWAY—Regina Co.
RARITAN—*†§Kenyon D. R. & Son (Textile Machinery)
RIEGELSVILLE—Taylor, Stiles & Co. (Rag Cutting Machines, etc.)
RIVERSIDE—†Riverside Metal Co. (Castings of Phospher, Bronze, White Metal, etc.)
ROCKAWAY—*†§Hoagland's M. Sons Co.
ROSELLE PARK—*Shedd Electric Co. (Motors, etc)
*§Watson-Stillman Co. (Hydraulic Machinery.) (See New York City)
RUTHERFORD—*†§Fuchs & Lang Mfg. Co. (See New York City)
SADDLE RIVER—†Packer W. H.
SALEM—*Ayars Machine Co. (Canning & Can Making Machinery, etc.)
*†§Salem Brass & Iron Mfg. Co.
SAYREVILLE—†§*Sayre & Fisher
SMITHVILLE—*†§Smith H. B. Machine Co. (Wood Working Machy., etc.)
SOMERVILLE—*†Somerville Iron Works (Cast Iron Soil Pipe)
*†Somerville Stove Works (Stove Manufacturers)
SOUTH RIVER—*Kelsh Henry
TOWN OF UNION—*Haas G. M.
TRENTON—*Auer John B.
*Baker Wm. H. (Rubber Mill Machy., etc.)
*Barbour Bros. (Dies, etc.)
*†§Billingham Brass Machine Co.
*Butterworth Wm. H.
*†§CROSSLEY MACHINE CO. (Pottery, Tile & Clay Machinery), State and Chestnut av
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*Darling C. Harry
*Dennis & Watson
*†Fisher & Norris (Anvils, etc.)
*Freeman E. H. Electric Co. (Electric Specialties)
*Ivens Wm. H. Sons Co. (Pottery, Mattress & Spring Bed Machinery), P. O. Box 647
*Logan Edw. Machine Co. (Pottery & Special Machinery)
*†§McFarland Foundry & Machine Co. (Grey Iron Castings & Repairs)
*†Mackenzie's Duncan Sons Co. (Steam Engines, Heavy Machinery, etc)
*†§Mott J. L. Iron Wks.
*Mueller Machine Co.
*Mueller Machine Co. (Clay & Tile Machy.)
*†National Radiator Co. (See Johnston, Pa.)
†New England Steel Casting Co.
*Reeves-Cubberley Engine Co. (Gas Engines)
*§Roebling's Jno. A. Sons Co.
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†§*Skillman Hdwe. Mfg. Co.
*Spracklin Boiler & Machine Co.
*Stahl H. E. (Machinist)
*Sutphin Elmer E.
*†Thropp Wm. R. & Sons Co. (Rubber Machinery, etc.)
*†§THROPP'S JOHN E. SONS CO. (Marine Engines, Rubber Mill Machinery, Pottery Machinery, Cement Machinery, Grey Iron Castings, etc.), ft of Lewis.
See adv index at end of book
*§Trenton Brass & Machine Co. (Plumbers' Brass Goods)
*Trenton Engineering Co. (Marine Gasoline Engines)
*†§Trenton Malleable Iron Co. (Aluminum, Brass, Grey & Malleable Iron)
*†§Watson John & Sons Co. (Axles & Machinists, etc.)
UNION HILL—*Haas G. M. Structural Steel & Ornamental Iron Works
VINELAND—*Blaisdell Machine Works (Tools)
*Gage Tool Co. (Tools)
*Sawyer E. H. Machine Works
§Weaber & Son Adam
*†§Williams Foundry Co.
WEST HOBOKEN—*Calvano S. Iron Wks.
WEST NEW YORK—*Herman Iron Wks.
*Selbach-Meyer Co.
WHARTON—†Downs & Slater
WOODBINE—*Bayard M. L. & Co. (Tools, etc.)
WOODSTOWN—*Knowles Adam
*Peterson & Loveland

NEW MEXICO.

ALBUQUERQUE—*†§Albuquerque Foundry & Machine Works
†§National Foundry Co.

NEW YORK.

ADAMS—*Frazer Bros. Co. (Marine Engines)
ADDISON—†§*Chatfield E. S.
AKRON—†*Akron Fdry.
*Martin Bros.
*†Thayer A. T.
ALBANY—†§Albany Brass Foundry
*†Albany Car Wheel Co. (Car Wheels)
Albany Foundry Co.
*Albany Machine & Tool Co.
†Albany Malleable Iron Co. (Malleable Iron & Semi-Steel Castings)
*§Albany Steam Trap Co. (Steam Traps, Aluminum Castings, Finishing & Plating, etc.)
*Brohm & Molitor (Files, etc), 257 S Pearl
*Burdick & Son (Stove Specialties, Dies, etc.)
†§Campbell Harry E. (Archl. Iron, etc.)
§Conlon Wm. J.
*§Consolidated Car Heating Co. (Car Heaters, etc.)
*§Cox Brass Mfg. Co. (Brass & Bronze Castings)
*Federal Signal Co. (Railway Signals & Switches)
§Fitz Gerald John L. (Brass & Composition Castings, etc)
*†§Gaynor P. F.
†Hartnett Jno. J. Estate (Iron Foundry)
*Kelly L. J. Mfg. Co. (Lifting Jacks, Windlasses, etc.)
*Kemp Jas. N. Machine Works (Grinding & Polishing Machinery, etc.)
*†McKinney Jas. & Son (Builders' Iron Work, etc.)
Modern Machine Tool Co.
*Nicholson Aaron (General Jobbing)
*†§Rathbone, Sard & Co. (Stoves)
*Skinner & Arnold (Steam Engines, etc.)
*Stevenson & Leonard Machine Co.
*†§Thacher Geo. H. & Co. (Fuel Economizers, Grate Bars, Grey Iron Castings, etc.)
*†Townsend Foundry & Mach. Shop Co. (Light & Heavy Mach'y, Castings, Paper Mach., etc), Broadway & Rensselaer
See adv index at end of book
*Van Nouhuys Machine Works,
ALEXANDRIA BAY—*Tassey Lewis
ALFRED—*Rogers Machine Tool Co. (Boring & Turning Mills)
AMBER—*Kinyon Willis
*†Newman A.
AMSTERDAM—*†§Inman Mfg. Co. (Paper Box Mach'y.)
*†§Klauder-Weldon Machine Co. (Textile Machy.)
*MacCordy Button Machine Co. (Button Mach'y, etc.)
*†§Perkins Foundry Co.
†§* Schmidt Edw. L.
*Shuler W. S., Spring Co. (Springs, etc.)
*Union Special Machine Co. (See Chicago, Ill.)
ANDES—†*Miller Thos. S.
ANGOLA—*Emblem Mfg. Co. (Bicycles)
ATHENS—*†§Athens Fdy. & Mach. Shop Co.
†Travis D. W. Sons
ATTICA—*Glor Bros. & Willis Mfg. Co.
*†Westinghouse Machine Co. (See East Pittsburg, Pa.)
AUBURN—*Auburn Ignition Mfg. Co. (Machine & Punch Works)
Bowen Products Corp., Auburn Div. (Machine Screw Work & Oiling Devices, etc.), 357 Canal.
*†Clapp E. D. Mfg. Co. (Carriage Hdw., etc), 300 Genesee
*COLUMBIAN ROPE CO. (For Own Use Only), 3050 Genesee
See adv index at end of book
*Eccles Richard Co. (Drop Forgings, Carriage, etc.)
*§Enterprise Foundry Co.
*Henry & Allen (Machine Knives, etc.)
*†McIntosh & Seymour Corp. (Marine Engines, etc.)
*Quick & Thomas Co. (Threshers, etc.)
*Wadsworth David & Son (Scythes, etc.)
AVON—*†§Champion Drill Co. (Grain Drills, Cultivators, etc.)
BAINBRIDGE—*American Separator Co. (Cream Separators)
BALDWINSVILLE—*†§Morris Machine Works (Steam Pumps & Steam Engines, etc)
BALLSTON SPA — *†§Davison-Namack Foundry Co. (Brass & Grey Iron & Semi-Steel Castings)
*Lackawanna Mfg. Co. (Gasoline Engines)
*Union Bag & Paper Co. (Repairs)
BATAVIA—*Baker Gun & Forging Co. (Shot Guns, Auto Parts, etc.)
*Batavia Clamp Co. (Clamps, etc.)
*Batavia Machine Co.
*†§Massey Harris Harvester Co. (Agrl. Implements)
*†§Wiard Plow Co. (Plows & Agrl. Implts.)
BEACON—†§*Dutchess Tool Co.
*†§Green Fuel Economizer Co. (Fuel Economizers, Blowers, etc.)
BELLWOOD—†§*Kerbaugh Inc. H. S.
BERGEN — *§Miller Orville J. (Brass Fdry.)
BINGHAMTON—*American Fork & Hoe Co. (Forks, Hoes, etc.) (See Cleveland, O.)
*†Bowers L. M. & Co. (Anchors, etc.)
*Canfield Gas Engine Co. (Gas Engines)
*Deyo-Macy Engine Co. (Gas Engines, etc)
*Doolittle L. G. (Flue Cleaners)
§Empire Brass Fdry.
†§*Fairbanks Co.
*Gaylord & Eitapenc Co. (Machinists, etc)
*Heath Robt. (Machinist)
*†§Jones of Binghamton, Inc. (Scales, etc.)
*Marvin Electric Drill Co. (Electric Drills, etc.)
*Remington Typewriter Co. (See New York City)
*†Shapley & Wells (Steam Engines, etc.)
*Sharp W. M. Mfg. Co. (Dental Machy., etc.)
*†Stow Mfg. Co. (Flexible Shafts & Electric Motors & Portable Electric Tools, etc.)
†Titchener E. H. & Co. (Wire Gds.)
BOLIVAR—*Beatty & Jordan (Machinists)
*†McDonell & Brannen
BRASHER FALLS — *†§Kennehan P. E. Son & Co.
BUFFALO—*Acme Steel & Malleable Iron Works (Steel & Malleable Iron Castings), 245 Military rd
*Addressing Machine Co. (Tag Addressing Machines)
*Alberger Gas Engine Co., 281 Chicago
*Aldrich Mfg. Co. (Copper & Brass Goods)
*Aluminum Castings Co.
†American Brake Shoe & Foundry Co. (See New York City)
§American Bronze Co. (Aluminum & Bronze)

*†American Car & Foundry Co. (See St. Louis, Mo.)
*†American Radiator Co. (See Chicago, Ill.)
†American Seating Co. (See Chicago, Ill.)
*American Shading Machine Co. (Shading Machines), 164 Rano
†Atlas Steel Casting Co. (Steel Castings)
*Augustine Automatic Rotary Engine Co.
*Automatic Buffing Machine Co.
*†Barber Asphalt Paving Co. (Steam Road Asphalt Machy. & Tools, etc.), E Delavan av & Belt Line
*†Barcalo Mfg. Co. (Brass & Iron Bedsteads)
§*Bausch & Lomb Optical Co.
*Bergman Tool Mfg. Co.
†Bingham & Taylor, Ellicott Sq.
†Brown Car Wheel Works (Mfrs.), 466 Howard
*Bryant O. & Sons (Radiator & Special Machinery), 1407 West av
*Buffalo Brake Beam Co. (See New York City)
§*Buffalo Brass Fdry.
†Buffalo Car Wheel Foundry Co., Dun bldg
*†Buffalo Co-operative Stove Co. (Grey Iron Castings, Stoves, etc.)
*Buffalo Dry Dock Co. (Shipbuilders)
*Buffalo Emery Wheel Co. (Emery Wheels, etc.), 127 Ash
*Buffalo Engine Co. (Fertilizer & Garbage Disposal Machinery)
*†Buffalo Forge Co. (Engines, Blowers, etc.)
*†§**BUFFALO FOUNDRY & MACHINE CO.** (Grey Iron & Steel Castings up to 200 tons; Steam Hammers, Drying Machinery, etc), 65 Winchester av
See adv index at end of book
*Buffalo Gasoline Motor Co. (Gasoline Marine Engines, etc.)
*Buffalo Gear & Pattern Works, 18 Elk
*Buffalo Machine Mfg. Co. (Jewellers' Machinery)
§Buffalo Mfg. Co.
*§**BUFFALO METER CO.** (Water-Meters), 2921 Main
See adv index at end of book
*†§Buffalo Pitts Co. (Engines, etc.)
*†§Buffalo Scale Co. (Inc.), 1205 Niagara
*Buffalo Specialty Co. (Emery Grinding Machines), 375 Ellicott
*†§Buffalo Steam Pump Co. (Steam Pumps, etc.) Works: N. Tonawanda, N. Y.
*Buffalo Structural Steel Co.
*Cary Safe Co. (Safes & Locks)
*§Case W. A. & Sons Mfg. Co. (Plbrs' & Steam Fitters' Castings, etc.)
†Century Iron Co. (Grey Iron), 1453 Niagara
†Contractors Casting & Machine Co., 743 Hertel av
*Crandall Can Filler Machine Co.
*Crowell D. J., 61 Terrace
Curtiss Aeroplane & Motor Corp., 1972 Elmwood
*Deck Brothers (Brass Founders, etc.),
†De Laney Forge & Iron Co., 300 Perry
*Devine J. P. Co. (Drying Drums, etc.)
*Diamond Saw & Stamping Works (Emery Wheel Dressers, etc), 357 7th *See adv index at end of book*
§*Dorries & Sons F.
*Double Truss Cornice Brake Co. (Sheet Metal Working Machinery)
*Driscoll & Fletcher (Printing Presses, etc), 75 Ellicott
*Dunn Machine Co. (Machinists)
*Eagle Stamping Co., 1400-1410 Niagara
*Eastman Machine Co. (Cloth Cutting Machines), 779 Washington
*Elsenhans Machine Works (Printers' Machinists & Special Mach.), 500 Washington
*Empire Machine & Stamping Co. (Presses, Dies & Special Machy.), 59 Terrace
*†Ernst's Chas. F. Sons (Grey Iron & Builders' Castings)
*Ernst C. K.
*Excelsior Steel Ball Co., P. O. Box 52
See adv index at end of book
*Farnham Mfg. Co., 39 Indiana
*†Farrar & Trefts Inc. (Iron & Semi-Steel Castings, etc.)
*Feine August & Sons Co. (Iron Fdry. & Bldrs, Iron Works), 152 Terrace
*†Fillmore Av. Foundry & Iron Works
*Fisher Machine Tool Co. (Dies & Small Machine Work), 102 B'way
*Ford Bros., 23 Illinois
*Frank Machinery Co. (Woodworking Machinery)
*§Fries & Co. (Aluminum & Brass Founders & Finishers), 91 Main
*Frontier Engine Works (Steam Engines, etc.), 9 Perry
*†Frontier Iron Works (Grey Iron Castings, etc.), 36 Letchworth
†General Castings Corp.
*General Specialty Co. (Boiler Tube Cleaners)
*†Ginther's J. Sons Co. (Iron Founders & Bldrs Iron Work, etc.)
*Heiser Wm. Sons Co.
*Hession Tiller & Tractor Corp.
†§Hickey Fdry. Co.
*Holmes E. & B. Machinery Co. (Wood Working Machinery)
*†Howard Iron Works (Bolt & Nut Machinery, Pulleys, Vises, etc.)
*Huebner, Bleistein Patents Co., 1200 Niagara
*Huxley Valve Co., 281 Chicago
*International Ball & Roller Bearing Co., 1283 Niagara
*Jetter & Co. (Hardware Specialties, Tools, Files, etc.), 861 Jefferson
*†Jewell Steel & Malleable Co. (Malleable Iron & Carbon Steel Castings)
*Jewett & Co. (Stoves, Ranges, etc.)
*Jones Iron Works (Iron Railings, etc.)
*Josef E. E. Mfg. Co. (Brass Finishers, etc.)
*Kelker Blower Co.
*Kelley Electric Machine Co. (Woodworking Machinery)
*Keystone Mfg. Co. (Ratchet Drills, Wrenches, etc.)
*†King Iron Works, 226 Ohio
*†King Sewing Machine Co.
*†§Lackawanna Steel Co. (Iron, Steel & Brass Castings & Machine Shop)
*†§Lake Erie Engineering Works (Grey Iron Castings & General Machine Work)
†Lake Erie Foundry Co. (Grey Iron)
†Lawler Iron Works
*Lazier Gas Engine Co. (Gas Engines), 190 Main
*Learman Frank J., 150 Ellicott
*Liesinger R. T. G. (Packing House Machinery), Ellicott sq
*Lippard-Stewart Motor Car Co. (Auto Trucks)
*Lobee Pump & Machy. Co. (Pumps, etc.), East
†Long Grate Bar Co.
*§**LUMEN BEARING CO.** (Brass, Bronze & Copper Castings, Lumen Bearings, etc), 200 Lathrop
See adv index at end of book.
M. S. W. Mfg. Co., 1527 Niagara
*McCarthy Bros. & Ford (Electrical Specialties, etc.)
†McKaig-Hatch Inc., 1590 Niagara
*Manzel Bros. Co. (Automatic Oil Pumps, etc.), 315 Babcock
*Mayer Carbureter Co., 2673 Main
§Metal & Alloy Specialties Co., Inc.
*Mey Chain Belt Co. (Chain Belting & Elevating & Conveying Machinery, etc.)
§Model Brass Foundry Co., 411 Chicago
Mollenberg-Betz Machine Co., 110 Washington
*National Brake Co. (Inc.), Ellicott sq
§National Bronze Fdry.
*National Grinding Wheel Co., 2984 Main
*National Welding & Mfg. Co. (Welding)
*†New York Car Wheel Co. (Iron Fdrs., Car Wheels & Couplings, etc.)
§Niagara Brass Mfg. Co., 165 Adams
*†§**NIAGARA MACHINE & TOOL WORKS** (Iron Founders, Punches, Presses & Sheet Metal Working Machinery, etc.)
See adv index at end of book
§Niagara Metal Works Inc.
*Niagara Motors Corp. (Gasoline Marine Engines), Elliott sq
*Nichols & Wright Motor Co. (Valveless Engines)
*North Buffalo Hardware Foundry Co. (Grey Iron, etc.), 743 Hertel av
*†§Noye Bros. Co. (Flour Mills Machinery)
*Olin Gas Engine Co. (Mfrs.)
*Oliver A. F. Gear & Machine Co., 60 Cherry
*Oliver W. W. Mfg. Co. (Jewelers' Tools & Machinery, etc.), 1483 Niagara
†*Otis Elevator Co.
*Peerless Husker Co. (Green Corn Husking Machines), 523 Cornwall
Perfection Machine Works Inc., Hertel av
*Phoenix Die Casting Co., 21 Illinois (Die Castings)
*Pierce Cycle Co. (Bicycles), 18 Hanover
*Pierce Wm. B. Co. (Boiler Tube Cleaners)
*†Pohlmann John W. Foundry Co. (Grey Castings, etc.), 205 Baitz av
*§Polson Mfg. Co.
*Pomeroy & Stellrecht, 582 Kensington av
*†§Pratt & Letchworth Co. (Steel & Malleable Iron Castings, etc.)
*Queen City Engineering Co. (Steam Pumps, Engines, etc.), 49 Illinois
*§Ray Geo. A. Mfg. Co. (Brass & Copper Goods)
*Rice & Adams (Creamery Machy.), Roberson W. Machine & Foundry Co. ("Economy" Hack Saw Machines, Drill Presses, etc.), 56 Rano
*Robers Samuel C. & Co. (Brazing & Excelsior Machinery, etc), 10 Lock
*Ruger J. W. Mfg. Co. (Bakers' Machinery, etc.)
§Schnell Bronze Bearing Co. Inc.
*§Sherwood Mfg. Co. (Brass Fdrs., Engine & Boiler Specialties, etc.), 1709 Elmwood
*Sizer Forge Co. (Crankshafts, Marine Forgings, etc.), 238 Larkin
*Smith's John E. Sons Co. (Tanners' and Butchers' Machinery, etc.)
*Sowers Mfg. Co. (Soap Makers' Machinery), 1320 Niagara
*Spencer Lens Co.
*Squier Geo. L. Mfg. Co. (Plantation Machinery)
*†Standard Foundry Co. (Iron Castings)
*Sterling Engine Co. (Marine Engines, etc.)
*§Stewart Heater Co. (Brass Fdry., Boiler Feed Heaters, Power Pumps, etc.)
*Stoll D. H. Co. (Presses, Shears, Dies, etc.)
†Strong Steel Foundry Co. (Steel Castings)
*Taber Pump Co. (Rotary Brewery Pumps, etc.)
*†§Taylor W. P. Co., Ellicott sq
§Titan Copper Products Co., 90 Arthur
†*Trout Co., H. G.
§Unique Brass Fdry.
*†U. S. Brake Shoe Co. (Brake Shoes, etc.) Works: Corry, Pa., & Walton, N. Y.
*†U. S. Cast Iron Pipe & Foundry Co. (See Burlington, N. J.)
*§U. S. Hame Co. (Steel Hames, etc),
U. S. Headlight Co. (Headlights, etc.),
*Wegner Machine Co. (Ice & Refrigerating Machinery, etc.)
*White L. & I. J. Co. (Edge Tools, Machine Knives, etc.), 120 Columbia
*Whitman Machine Co. (Engines), 178 Ohio
*Wittemann Co. (Brewers' Machinery), 842 Elk
*†§Worthington Pump & Machinery Corp. (Snow Work)
*§Zero Valve & Brass Mfg. Co. (Brass Founders & Finishers)

CALEDONIA—*†Caledonia Bean Harvester Works (Bean Harvesters, etc.)

CAMDEN—†*Hydraulic Turbine Corp.
*Hynes Frank R.

CANANDAIGUA—*Salnave W. A.

CANASTOTA—*†§Cady C. N. Co. (Gasoline Motors)
*Mahan James
*Marvin & Casler Co. (Boring Tools)

NEW YORK—Canastota—continued
*Watson Wagon Co. (Dump Wagons, etc.)
CANTON—*†§Dishaw & Dishaw
CARTHAGE—*†§Carthage Machine Co.
†§*Renaud D. J. & Son
*†Ryther & Pringle Co. (Paper Mill Machinery)
*Wilna Machine Co.
CATO—†Dutton E. Q. & Co. (Agricultural Implements, Plows, etc.)
CATSKILL—*†§Catskill Foundry & Machine Co. (Machinists & Founders, Gears, Pinions, etc.)
CENTRAL BRIDGE—*Campbell S. K. Co. (Threshers, etc.)
CHAMPLAIN—*†§Sheridan Iron Works.
CHARLOTTE—*Morrison H. D.
CHURCHVILLE—†Snyder H. F.
CLAYVILLE—Clayville Fdry. & Mach. Co.
CLYDE—*†Wood S. W. Engine Co. (Portable & Traction Engines & Brass & Iron Castings)
COBLESKILL — *†Harder Mfg. Co. (Threshers, Clover Hullers, etc.)
*†Rickard Ira D.
COHOES—*Beattie Mfg. Co. (Textile Machy.)
*Campbell & Clute Machine Co. (Textile & Knitting Machy.)
*†Cohoes Iron Foundry & Machine Co. (Slashing Machy. & Elevators & Brass & Iron Castings)
*†Cohoes Rolling Mill Co.
*McCreary Edw. (Textile Machinery)
§Rensselaer Valve Co. (See Troy, N. Y.)
§Simcox Jos. H. (Brass & Bronze Castings)
*Union Special Machine Co. (See Chicago)
COLD SPRING—*†DuBois Foundry Co. (Vanadium & other iron Castings)
COPAKE FALLS — †Columbia Plow Works (Plows, etc.)
CORNING—†Corning Fdry. Inc.
*Empire Machine Co.
†*Hood Furnace & Supply Co.
CORTLAND—*†§Cooper Bros.
*Cortland Grinding Wheel Corp.
*†§Cortland Foundry & Machine Co.
*Gooley & Edlund (Dies, Special Machinery, etc.)
COXSACKIE—*†§American Valve Co. (Valve Mfrs., etc.)
*†Newbury J. G. Iron Works
†Walther Bros.
CROTON FALLS—*Higley Machine Co. (Metal Cutting Off Machines, etc.)
*Juengst Geo. & Sons
DANSVILLE—*Power Specialty Co.
DEPEW—*†Gould Coupler Co. (Car Couplers & Malleable Iron Castings). (See New York City)
*§Magnus Co. (Babbitt Anti-Friction Metals, etc.)
*Railway Steel Spring Co. (See New York City)
DOLGEVILLE—*Menge Wm.
DUNKIRK—*†§American Locomotive Co. (Locomotives). (See New York City)
*Commercial Machine Co. (Camshafts, etc.)
†*Continental Heater Co.
*Dunkirk Electrical Mfg. Co.
*Dunkirk Machine & Boiler Co. (Jobbing, etc.)
*Flesher Chas. H. (Machinist)
*Mulholland Co. (Carriage Springs, etc.)
*Niagara Motors Corp. (Gasoline Marine Engines
*Romer Axe Co. (Axes & Edge Tools)
*†United States Radiator Corp. (See Detroit, Mich.)
EAGLE MILLS—†Rowe Henry
EAST AURORA—*†Peek's S. H. Sons. (Plows, etc.)
EAST ROCHESTER—East Rochester Iorn Works
*†Ontario Drill Co. (Grain Drills, etc.)
EBENEZER—*Gilfillan F. C. (Gas Regulators)
EDMESTON—*Greene Nelson L. (Est. of)
ELBA—*†Barr Newton L.
ELLENVILLE—*†§Hoyt, Canner & Co. (Castings, etc.)
ELMIRA—*§American La France Fire Engine Co.
*†Elmira Boiler & Iron Works (Jobbing, etc.)
*†Elmira Foundry Co. (Grey Iron Castings, etc.)
*†Field Force Pump Co. (Pumps, etc.)
*Hilliard Clutch & Machy. Co. (Friction Clutches)
*Horton Machine Works (Basket Mach'y)
*†§Kennedy Valve Mfg. Co. (Valves, Hydrants, etc.)
*Morrow Mfg. Co. (Auto Parts)
*§Swift Lubricator Co. (Lubricators, Valves, etc.)
*Thomas Chas. (Jobbing)
ENDICOTT—*Bundy Mfg. Co. (Adding Machines)
*International Time Recording Co. of New York (Time Recorders & Time Stamps)
FAYETTEVILLE—*Precision Die Casting Co.
*†Van Wagner E. B. Mfg. Co.
FISHKILL ON THE HUDSON—*†§Dutchess Tool Co.
*Potter-Morgan Mfg. Co. (Spring Brakes, etc.)
FONDA—*Mohawk Machine Shop
FORT PLAIN — *Walrath Alphonso Co. (Broom Machy.)
FRANKFORT—*†Acme Road Machinery Co. (Road Machinery, etc.)
*Pratt Chuck Co. (Chucks, etc.)
FRANKLINVILLE—*Ontario Knife Co. (Tools, etc.)
*Stone F. L.
FREDONIA—*Hammond J. W.
FRIENDSHIP—*†Drake Hdw. Co. (Stoves & Dairy Goods)
FULTON—*†§Dilts Machine Works (Paper & Pulp Mill Machinery, Machine Knives & Castings, etc.)
*Foster Bros. & Chatillon Co. (Edge Tools)
*Hunter Arms Co. (Fire Arms, etc.)
*Hunter Fan & Motor Co. (Water Motors, Fans, etc.)
GASPORT—*Friend Mfg. Co. (Spray Pumps, etc.)
GENEVA—*†Catchpole Boiler Foundry & Machine Co.
*Fay & Bowen Engine Co. (Gasoline Engines, etc.)
*McCarroll W. W.
†§Phillips & Clark Stove Co. (Stove Mfrs.)
†Summit Foundry Co. (Stoves, Ranges & Furnaces)
†*U. S. Radiator Corp.
GLENS FALLS—*†§Dix Chas. B.
*†Glens Falls Portland Cement Co.
†Hopes Combustion Engng. Co.
GLOVERSVILLE — *†Curtin Hebert Co. (Glove Machinery, etc.)
*Corey Machine Co. (Glove & Leather Machinery, etc.)
*†§Steele Mfg. Co.
GOSHEN—*†Newbury J. H. (Cast Iron-Fittings, etc.)
GOUVERNEUR — †§*Johnson Mach. & Tool Co.
GOWANDA — *†§Gowanda Agricultural Works (Agl. Implts., Grey Iron Castings, etc.)
*Moench C. Sons Co. (Repair Work for Tannery, etc.)
*Smallwood W. R. Mfg. Co. (Corrugated Steel Fasteners, etc.)
GRASSY POINT—*§Wiles A. M. & W. H. Co.
GREENE—*§Lyon Iron Works (Fdrs. & Machinists, Feed Cutters, etc.)
§Mosher J. R. (Brass, Bronze & Aluminum Castings)
GREEN ISLAND—*Clifford Jas. J. & Co. (Machinists)
*†Sweet & Doyle Foundry & Machine Co. (Special Machy. & Grey Iron Castings)
GREENPORT—*Gaffga J. S. & Co. (Gasoline Engines)
*Greenport Basin & Construction Co. (Ship & Engine Builders)
*Hedges Samuel P. (Machinist)
*Tuthill & Thorn
GREENWICH—*†§Eddy W., Plow Co. (Plow Mfrs. & Castings)
GREENWOOD—†*Jackson O.
GROTON—†*American Road Machy. Co. Inc.
*Groton Bridge Co.
GUILDERLAND—*†§Guilderland Foundry Co.
GUILFORD—*†§Merchant P. A.
HAMILTON—*†§Graham Dwight
HAMMOND—*†§Evans B. A. (Agl. Implts.)
HANCOCK—†Stimson T. F. (Iron Fdry.)
HASTINGS - ON - HUDSON — †*National Conduit & Cable Co.
HAVERSTRAW—*†Waldron Chas. (Brick Machinery)
HERKIMER—†Herkimer Foundry Co.
*Klock A. B. (Machinist)
*Quackenbush H. M. (Air Pistols, etc.)
HILLBURN — *†Ramapo Iron Works (Cars, Castings & General Truck Equipments)
HILLSDALE—†Hillsdale Plow Co.
HONEOYE FALLS—*†Yorks Foundry & Machine Shop
HOOSICK FALLS—*†§ Noble & Wood Machine Co. (Paper Mill Machy.)
*Witham Co. (Paper Mill Machinery)
*†§Wood W. A. Mowing & Reaping Machine Co. (Agricultural Implements, etc.)
HOPEWELL JUNCTION—*Martin Wm. A. (Machinery)
HORNELL—†Davis Fdry. (Inc.)
*Deer A. J. Co. (Coffee Mills, Meat Choppers, etc.)
HORSEHEADS—†§*Reeves Chas. S.
*†Weller Hdw. & Fdry. Co. (Gray Iron Castings)
HUDSON—*†§Gifford-Wood Co. (Ice Handling Machinery, etc.)
†*Machanical Handler Co.
*†Railway Steel Spring Co. (Car Wheels, Steel Springs, etc.)
HUDSON FALLS—*Hibbard Gas Engine Co.
*†§Sandy Hill Iron & Brass Works (Paper Mill Machy. & Iron & Brass Castings)
ILION—*Carney E. P. (Garage & Machinists)
*Dyett Frank J Co.
*Remington Arms-Union Metallic Cartridge Co.
*†§Remington Typewriter Co.
INTERLAKEN—*Covert Saddlery Works, (Neck Yokes, etc.)
IRVINGTON—†American Abrasive Metal Co.
*†Lord & Burnham Co. (Horticultural Builders & Greenhouse Heating Apparatus). (See New York City)
ITHACA—*Champaign Bros. (Boat Builders)
*†§Godfrey E. E.
*Ithaca Gun Co. (Guns)
*†§Lang J. B Engine & Garage Co.
*†§Morse Chain Co. (Power Transmission Appliances, etc.)
*Shaw M. D.
*†§Williams Bros. (Well Drilling Machinery & Agr. Implt. Castings)
JAMESTOWN—*Anderson Bros. (Machinists)
*§Art Metal Construction Co.
*Blackstone Mfg. Co. (Corn Planters, Washing Machines, etc.)
*Crescent Tool Co. (Special Machinery, Tools, etc.), 200 Harrison
*Curtis Machine Corp. (Furniture Machinery)
*§Eagle Fdry. & Mach. Co. (Fdrs. & Machinists)
§*Ellison Brass Mfg. Co. Inc.
*Gurney Ball Bearing Co.
*Hjorth Wm. & Co. (Wrenches, etc.)
*†§Jamestown Iron Works Co.
*Maddox Machine Co. (Woodworking Machinery)
*†§Maher Patrick (Machinist & Fdry.)
*Rushworth & Son (Machinists)
*§Weber-Knapp Co. (Brass Castings, etc.)
JOHNSON CITY—*Central Flatiron Mfg. Co. (Gas Irons)
JOHNSTOWN—*Camm Geo. E.
*Gustin M. & Son (Glove Dies, etc.)
*†Travis & Oczko
KINGSTON—*Dixon Chas. R. Co.
*Hoysradt & Case (Machinery)
*King A. R. Mfg. Co. (Machy., Tools, etc.)
†*Kingston Mach. & Fdry. Co., 82 Prince
*†Lawton Wm (Foundry & Machinist)
*†Long E. G. Co. (See New York City)
*†§Milliard Jas. & Son Co. (Brick Machy. & Castings)
*Rice Jacob & Sons
*Universal Road Machinery Co. (Road Making Machinery)

LANCASTER—*†American Malleables Co.
*Lancaster Machine & Knife Works (Bit Braces, Machine & Knife, etc.)
LEONARDSVILLE—†Babcock Mfg. Co. (Agrl. Implements)
LE ROY—*†Le Roy Plow Co. (Plows, etc.)
LESTERSHIRE—†Heath W. A. Machine Co. (Woodworking Machy.)
†Sweet Bros.
LIMA—*†Bailey Engine Co. (Bottle Washing Machines, etc.)
LINCOLNTON—†§*Eureka Mfg. Co.
LITTLE FALLS—*Burrell D. H. & Co. (Dairy Machy.)
*Cheney Henry Hammer Co. (Hammers, Tools, etc.)
*†Reddy's M. Sons (Castings, etc.)
*Snyder Homer P. Mfg. Co. (Knit. Machy.)
*Stafford & Holt (Knitting Machy.)
LOCKPORT—*Covert Motor Vehicle Co. (Automobile Transmissions)
*†Dussault Foundry Works
§Electric Smelting & Aluminum Co.
*Ferree E. H. Co.
*†§Hall Iron Works
*Harrison Mfg. Co.
*Kolb Edw. (Machine Work)
*Korff F. W. Electric Co.
*†§McKim Foundry & Machine Co. (Laboratory Machines & Castings)
*†Merritt Mfg. Co. (Wood Working Machy.)
*Niagara Paper Mill (For their own Rprs.)
*Nolan Wm. Co. (Machinist)
*†Richmond Mfg. Co. (Flour Mill Machinery.)
*Trevor Mfg. Co. (Shingle, Heading, Staves, Handle & Wood Pulp Machinery)
*Western Block Co. (Tackle Blocks, etc.)
LOWVILLE—*†§Fulton Machine & Vise Co. (Power Pumps, Vises, etc.)
Virkler A. G.
LYONS—*†Berns & Schlee
*Nagley Mfg. Co. (Tobacco Planters' Machy., etc.)
MALONE—*†§Hinds Thos. Co. (Stone Polishing & Stone Sawing Machy. & Castings)
MANLIUS—*†Cheney S. & Son (Iron Fdrs.)
*†§Scoville E. U. Co (Stable Fixtures, etc.)
MARATHON—†§*American Road Machy. Co.
*†Livingston Jas. (Machinist & Fdry.)
MATTEAWAN—*†§Green Fuel Economizer Co. (Fuel Economizers, Blowers, etc.)
MECHANICSVILLE—†Eckerson Bedding Co. (Beds)
MEDINA—*†§Bignall Co. (Sinks, Pumps, Plumbers' Supplies, etc.)
*†Central Foundry Co. (See New York City)
*Erie Pump & Engine Works, Inc. ("Erie" Engines & Pumping Machinery), 141 Glenwood av
See adv index at end of book
*†Medina Foundry Co. (Soil Pipe & Fittings)
†*Medina Iron & Brass Co.
*§Medina Stamping & Machine Co.
*†§Swett A. L. Iron Works (Grey Iron Castings, Plumbers' Castings, Door Hangers, etc.)
MERIDIAN—†Everts Mfg. Co. (Plows, etc.)
MIDDLEPORT—*Lewis E. J. (Canning Machy.)
*Niagara Sprayer Co. (Spraying Machines)
†Sherwood & Snell
*Whittaker F. A.
MIDDLETOWN—*§Coleman, Galen (Castings All Kinds, General Machy., etc.)
*Ideal Wrapping Machine Co.
*Madden & Morrison File Co.
*§Martin Jas. G. (Castings of Every Description)
*Morgans & Wilcox Mfg. Co. (Printing Machinery)
MONROE—*†Newbury Mfg. Co. (Castings & Steam Fittings, etc.)
MONTOUR FALLS—*Montour Steel Co.
*SHEPHARD ELECTRIC CRANE & HOIST CO. (Electric Crane & Hoists, etc.)
See adv index at end of book
MORAVIA—*†Cady Geo. S. & Son (Fdrs.)
MOUNT MORRIS—*Empire Machine Works (Wood Working Machy.)
*†Genesee Valley Mfg. Co. (Grain Drills, Harrows, Corn Shellers, etc.)
MOUNT VERNON — †§Henry-Bonnard Bronze Co.
*Moberg C. J. Inc.
MUNNSVILLE—*†§Munnsville Plow Company
NASSAU—†Grubb & Kosegarten Bros.
NEWARK—Birdsall Engine Co.
NEWBURGH—*†§Abendroth & Root Mfg. Co. (Grey Iron & Brass Castings, Water Tube Boilers, etc.)
*†§Alberger Pump & Condenser Co. (Pumps, Condensers, Engines, Ice Machines & Grey Iron & Brass Castings, etc.). See New York)
*†Bradley G. W. Axe & Tool Mfg. Co.
†*Coldwell Lawn Mower Co. (Lawn Mowers, etc.)
†*Coldwell-Wilcox Co. (Sugar Machy., Sluice Gates & Iron & Brass Castings, etc.)
§Kimball's S. G. Son (Brass Fdr.)
*†Marvel T. S. Shipbuilding Co.
*†Turl Iron & Car Co. (Sugar Machinery, etc.), 50 Broad, New York
NEW HAMBURG—*†Stuart R J & T H (Compression Wedge Couplings, Castings, etc.)
NEW LISBON—*George M. & R. L. (Steam Engines, etc.)
NEW ROCHELLE—*Vogel R.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—*Acme Die Casting Co.
*†§Acme Foundry Co., 308 N Henry
*Acton Jno. (Machinist), 118 John
*Adriance Machine Works, 80 Richards
*Ambrose Machine Co. (Machinists, Metallic Packings, etc.), Provost & Eagle
*American Brass Fixture Works (Brass Goods, Railings, etc.), 66 Greenpoint av
†American Casting & Mfg. Corp.
*American Krupp System—Diesel Engine Co. (Diesel Oil Engines), 165 Broadway
*American Machine & Foundry Co. (Tobacco Machy.), 5520 2d av
*American Numbering Machine Co., 224 Sheperd av
*American Stopper Co. (Bottlers' Machy.), 19 Verona
*Atlantic Basin Iron Works, Summit
*Atlantic Iron Works, 441 11th av
*†§Atlas Brass Foundry, 112 Greenpoint av
*†Auer Jno. Jr. (Machinist), 197 Middleton
*Ball Gear & Machine Co. (Gears, Machinery, etc.), 56 Greenpoint av
*Ball & Jewell (Machinists), 24 Franklin
*Bergstrom & Bass (Engrs. & Machinists), 158 2d av
†Binney-Godfrey Co. (Iron Fdrs., etc.) Kent av
*Blattner Fred'k (Machinist & Millwright), 223 Maujer
*†§BLISS E. W. CO. (Sheet Metal & Plate Machy., Gears, etc.), 117 Adams. *See adv index at end of book*
*§Brass Goods Mfg. Co. (Brass Goods, etc.), 533 Union
*Briggs Engineering Co., ft. 24th
*§Brooklyn Brass Wks. (Plumbers' Brass Goods, etc.), 263 Scholes
†§Brooklyn Navy Yard, Sand
*†Brooklyn Vault Light Co. (Vault Light, etc.), 254 Monitor
*†§Brown & Patterson, 33 Marcy av
*Burr John T. & Son (Machine Tools, etc.), 429 Kent av
†Burr & Houston Co. (Iron Fdrs., Electrical Work, Light Castings & Specialty), 84 Calyer
*Cameron Machine Co. (Cloth Cutting Machinery, etc.), 61 Poplar
See adv index at end of book
*Campbell Jas. F. & Son (Files, etc.), 13 Frost
*Century Pump Co. (Pumps, etc.), 719 6th
*Cevasco, Cavagnaro & Ambrette, 156 6th
*†Chevalier Bros. Co.
*Christoffel's A. Sons (Tube Cleaners, etc.), 277 Eldert
*§Columbia Machine Works & Malleable Iron Co. (Electric Railway Appliances, Grey Iron & Brass Fdry.), Atlantic av & Chestnut
*§Coyne & Delany Co. (Brass Fdrs., Plumbers' Specialties, etc.), 331 Kent av
†§Craig Foundry Co. (Iron Castings), 42 Sanford
Crane's T. A. Sons Co. (Erie Basin), ft Columbia
*†§Creamer F. D. & Co Co., 2nd & Gowanus Canal
†*§Creamer W. G. & Co.
*Currie J. B. & Son, 72 Adams
*Daley Laundry Machy. Works, 337 Butler
*Davidson M. T. Co. (Steam Pumps, etc.), 43 Keap
*Deverall Perfection Mfg. Co. (Brass Specialties, etc.), Caton av
*Doig Wm. S. (Est. of) (Box Nailing Machy.), 54 Franklin
†Eagle Iron Works, 850 De Kalb av
*Eggers Wm. J. (Rubber Molds, etc.), 294 Taaffe pl
Electric Operations Co. (Electrical Machines), 254 36th
*Ellsworth S. P., 430 Kent av
*Elsesser Michael, ft Court
*Emmerich Fred'k, 365 Flushing av
*Empire Machine Works, Berry
*Faas Chas. R. (Tool Maker), 34 S 6th
*Fanning Josephine P., 678 Jefferson av
*§Fisher A. B. Co., 18 Dunham pl
*Fogarty M. J. (Machinists), 40 Harrison
*Foster Pump Works, 36 Bridge
*Franklin Machine & Steam Boiler Works (Machinists, etc.), 88 Quay
*†§Fulton Foundry & Machine Co. (Machinists & Iron Fdrs.), 21 Furman
§*Gates Peace & Co., 665 Manhattan av
*General Insulate & Machine Co. (Dies, Tools, etc.), 1008 Atlantic av
§*Generator Valve Co.
*Gill P. H. & Sons (Forgings, Grain Elevators, Power Transmitting Machinery, etc.), 2 Lorraine
*§Graf Jos. (Brass Finisher), 886 Park av
§Greenpoint Brass Foundry, 38 Franklin
†§Greenpoint Metallic Bed Co., 226 Franklin
*†Guild & Garrison (Pumping & Sugar Machy., etc.), 457 Kent av
*Hall & Hurlbert, ft of 24th
†Halloran Thos. (Iron Fdry.), 890 Metropolitan av
*Hamann Machine Co., 24 Quincy
§Hamilton Robt. & Sons, 56 Water
*Hartley T. (Engineer & Machinist), 75 Delevan
†§*Heclar Iron Works, 118 N 11th
§Hemsher Metal Co., 18 Rapelyea
*Henry Engineering Co., 116 27th
*Hibbard W. H. Mfg. Co. (Power Presses, Shears, etc.), 79 Washington
*Holland Frank & Son, 683 Lorimer
*Hoole Machine & Engraving Works (Book Binders' Machinery), 29 Prospect
*Houchin-Aiken Co. (Candle & Soapmakers' Machinery, etc.), 113 53d
*Hubbard's Norman Sons (Vacuum Pump & Veneer Sawing Machines), 265 Water
*Huber Machy. Co. (Soap Machy.), 261 46th
§Huethwohl Louis, 513 Flushing av
*International Postal Supply Co., 634 Prospect pl
*International Typesetting Machine Co. (Typesetting Machines), ft Montague
†§*Jackson Co., N. H.
§Jefferson Brass Fdry.
*†Johnson J. D. Co. (Cast Iron Soil Pipe & Plumbers' Castings), 51 Boerum pl (See New York City)
*Judge Harry W., 236 Pearl
†Kasper & Koetzie, 565 Bushwick av
*Kelting Albert J. (Machinist & Engineer), 459 Carroll

NEW YORK—New York—continued
*Kent Machine Works, 39 Gold
†Kings County Iron Foundry, Inc. (Sash Weights, etc.), Gardner av & Meserole
*†Krajewski-Pesant Corp. (Sugar Machinery, etc.). 54 Beard
*Krantz Mfg. Co. (Electric Instruments), 160 7th
†§Lefferts Chas. A. & Co., 109 2d av
*Lehmann & Schaefer, 321 Palmetto
§Leiser Mfg. Co., 46 Walworth
†Lewis & Egginton, Meserole
*McAdams Jno. & Sons (Paging & Ruling Machines), 978 Kent av
*Marresford Wm. F. (Wallpaper & Bookbinders' Machy.), 56 Pearl
*†Mergenthaler Linotype Co. (Linotype Machines), 24 Ryerson
*Metal Specialty Mfg. Co., 125 Patchen av
*†§Metcalf Saml. (Brass & Iron Fdry.), Seabring
*Metropolitan Iron Fdry., 890 Metropolitan av
*Miller Wm. P. Co. (Bailing Presses), 250 Greene.
*§Mills Wm. J. (Brass & Bronze Fdrs. & Machinists), 25 Bainbridge
*Morse Dry Dock & Repair Co. (Marine Works), ft 56th
*Mulstein Jno. Co. (Tools), 211 3d av
*Murcott & Campbell (Files), 296 Union av
*§Murray John A. (Brass Finisher), 112 Front
National Foundry Co. of N. Y., 10 Sanford
*§National Meter Co., 42d & 1st av. (See New York)
*Nebel Martin A. (Cement, Paint Grinding Machy., etc.), 72 Grand av
*New York Gear Works, 56 Greenpoint av
§Nichols Gas Fixture Mfg. Co. (Gas Fixtures), 1100 Myrtle av
*Oakley & Keating (Laundry Machy.), 673 Manhattan av
*Oldham Joshua & Sons (Saws), 112 26th
*Olsen Andrew (Machinist & Boiler Maker), 39 Union
*Paper Working Machines Co. (Paper Working Machy., etc.), Av U
§Paulson Thos. & Son (Brass Castings & Anti-Friction Metals, etc.), 97 2d av
*§Penn Brass & Bronze Works (Brass & Bronze Founders, etc.), 111 Doblin
*Phelan Jos. E. (Brass Finisher), 429 Kent av
*Pioneer Iron Works (Asphalt, Paper Taring Sugar Machinery, etc.), 149 Pioneer
†§Pitz & Weber, 287 Scholes
*Pollard Jos. G. (Tools), 141 Raymond
*Pringle Thos. G. (Machinist), Clay
*Reeve Henry E. (Mechl. Engr. & Machinist), 459 Carroll
*§Reid R. W., 272 Kent av
†§Riley John J. Co. (Iron & Brass Foundry), Van Brunt
*Riley Machine Works, 192 24th
Roberts Numbering Machine Co. (Machinists), 706 Jamaica av
*Robertson John & Co. (Lead Pipe Machinery), 133 Water
*Robins Dry Dock & Repair Co. (Marine Repairs), Beard
*Rockwell L. A. Co. (Bakers' Machy., etc.), 430 Smith
§Roman Bronze Works (Bronze Castings only), 275 Greene

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*†Ross Chas. & Son Co. (Paint Grinding & Mixing Machy., 148 Classon av
*Rotary File & Machine Co. (Saw Sharpening Machines, Pinking Machines, etc.), 176 N. 4th
*†Roy Engineering & Iron Works, 51 Otsego
†§Royal Metal Furniture Co., 125 8th
Saladin Louis, 1241 DeKalb av
§*Savage James & Co., 203 Dund
SCHAEFFER & BUDENBERG MFG. CO. (Gauges, Thermometers, Recorders, etc.), Berry and S 5th
See adv index at end of book
§Shapiro & Aronson (Gas Fixtures), 245 Glenmore av
*Sittmann G. & Sons, 105 Liberty
†§Smith & Loughlin (Iron Fdrs.), Driggs av & N 5th
*§Staats Geo. & Co. (Brass Founders & Finishers), 74 Bayard
†Standard Iron Foundry, 53 Dobbin
*Sterling Brass Polishing Co. (Brass Finishers), 105 Livingston
*Stimpson Edwin B. Co., 68 Franklin av
*§Sweeny W. H. Mfg. Co. (Brassware, etc.), 30 Main
*Syracuse Smelting Works
†Taylor & Co. (Machine Molded Castings, etc.), 680 Morgan av
*Tebo Yacht Basin Co. (Marine Repairs), ft. 23d
*Terry & Williamson, 43 Sedgwick
*Thompson-Bonney Co. (Electrical Specialties), 18 Henry
*Thomson Meter Co. (Water Meters), 110 Bridge
*Tickle Arthur, 21 Delevan
§Tighe John J., 150 25th
*†§Tuttle-Bailey Mfg. Co., 79 N 10th
*Vierengel Matthew (Machinist), 32 S 6th
†§*U. S. Navy Yard Fdry.
*Ward Geo. H. & Co. (Steam, Hydraulic, Electric & Refrigerating Plants, for Marine Purposes, Engine Repairing, etc.), 78 Delevan
*Warp Twisting-In Machine Co., 260 Van Brunt
*Weisbecker Francis A. & Sons (Polishing Machines, etc.), 22 Frost
*Weiss L. T., 286 Taaffe pl
*Wenstrom's John Sons, 623 Bergen
*Wesel F. Mfg. Co. (Electro & Stereotyping & Photo Engravers' Machinery, etc.), 70 Cranberry
*Whale Creek Iron Works, 245 Huron
*§White J. H. Mfg. Co. (Gas & Electric Light Fixture Parts & Trimmings), 111 N 3d
*Wischerth Mfg. Co., 302 McDougal
*Wittemann Bros. (Bottlers' Machy. & Supplies, etc.), 41 Ferris
*Wright J. K., 390 Smith
*†Wurster F. W. & Co. (Wagon Axles, etc.), 375 Kent av

Boroughs Manhattan and Bronx.

NEW YORK—Acieral Co. of America, 26 Cortlandt
*§Acme Brass Works (Brass Finishers, etc.), 147 Baxter
†Ahr Henry Son's Iron Works, 444 E 148th
*†§Alberger Pump & Condenser Co. (Pumps, Condensers, Engines, Ice Machines & Grey Iron & Brass Castings, etc.), 140 Cedar. Works: Newburgh, N. Y.
*Allen Jno. F. Co. (Riveting Machines), 370 Gerard av
*†§Allis-Chalmers Mfg. Co. (See Milwaukee, Wis.)
See adv index at end of book
*Allman Gas Engine & Machine Co. (Gas Engines, Ice Breakers, etc.), 461 Canal
†American Abrasive Metals Co., 50 Church
*American Air Compressor Works, 26 Cortlandt
*†American Brake Shoe & Foundry Co., 30 Church
§American Brass & Copper Co., 138 Lafayette
§*American Brass Forging Co. Inc., 168 Southern blvd
*†American Bridge Co. (Iron, Steel & Brass Castings), 30 Church
*†§American Car & Foundry Co., 165 B'way
†*American Enameling Mfg. Corp., 171 Madison av
*†American Locomotive Co. (Locomotives), 30 Church. Works: Providence, R. I.
*American Malleables Co. (Malleable Iron Castings), 30 Church
*American Meter Co. (Gas Meters & Appliances), 11th av & 47th
*†American Smelting & Refining Co., 120 B'way
*American Swiss File & Tool Co., 24 John
*American Telegraph Typewriter Co. (Telegraph Typewriters), 251 W. 19th
*American Wringer Co., 99 Chambers. Works: Auburn, N. Y.
*American Writing Machine Co. (Typewriters), 343 B'way
*Arthur Co. (General Machine Works), 188 Front
*Aue Ferdinand Co., 401 E 91st
*Automatic Engraving & Mfg. Co. Inc. (Special Machy.), 79 E 130th
*Automatic Sprinkler Co. of Am. (Fire Sprinklers), 123 William
*Automatic Switch Co. (Electric Devices), 4 White
*Ayres Jno. W. & Son, 88 Walker
*†Babcock & Wilcox Co. (Water Tube Boilers & Castings), 85 Liberty
*Ballwood Co. (Welded Pipe, etc.), 30 Church
Baranowitz M. (Machinist), 218 Centre
*Bassemir John & Son (Brass Finishers), 87 Frankfort
*Bay Gottfried (Millwright), 537 W 50th
*Bayer-Gardner-Himes Co. (Cabinet Hardware, etc.), 101 Park av
*BEACH-RUSS CO. (Vacuum Pumps & Pressure Blowers, etc.), 220 Broadway.
See adv index at end of book
*Bender Ph. J. & Sons (Machinists, Presses, Dies, Tools & Special Machinery), 87 Frankfort
*Benton Mfg. Co. (Registering Machines, etc.), 9 Bethune
*Berggren & Pearson Machine Co. (Model & Experimental Work, Fine Machinery & Tools), 221 Canal
*Blair Tool & Machine Works (Machine Work), 521 Greenwich
*Boettcher Ludwig, 208 E 19th
*Bogue Chas. J. Electric Co. (Dynamos & Motors), 513 W 29th
*Boucher H. E. Mfg. Co. (Special Machy., etc.), 150 Lafayette
*Boughton C. Frank, 23 Rose
*†Boynton Furnace Co. (Hot Air Furnaces, etc.), 106 W 37th. Works: Jersey City, N. J.
Brass Goods Mfg. Co., 107 Lafayette
*Braun Jacob G., 537 W. 35th,
*§Brinkerhoff's J. P. Sons (Brass Fdrs. & Finishers), 57 Dey
§Bronze Metal Co. (Brass & Bronze Castings, etc.), 30 Church, Works: Meadville, Pa.
*†§Brown A. & F. Co. (Power & Rope Transmitting Machinery, Hangers, Pulleys, etc.), 79 Barclay
*Buffalo Brake Beam Co. (Brake Beams), 32 Nassau, Works: Buffalo, N. Y.
*Bulasky L. (Hat Machy., etc.), 44 E Houston
*Burns Jabez & Sons (Coffee Roasting Machinery, etc.), 600 W 43d
*†§CAMERON A. S. STEAM PUMP WORKS (Steam Pumps, etc), 11 Bowling Green bldg
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*Campbell & Co., 13 Park Row
*§Cassidy & Son Mfg. Co. (Gas Fixtures), 101 Park av
*†Central Foundry Co. (Cast Iron Pipe & Plumbers' Cast Iron Goods, etc.), 90 West
†Central Iron Works (Iron Fdrs.), 420 E 48th
†Century Mfg. Co. (Gas Stoves), 453 Canal
*Chatham Mach. & Tool Works, Inc., 128 Mott
*Chattillon Jno. & Sons (Hardware Specialties, Scales, etc.), 85 Cliff
*Columbia Mills Inc. (Machine Shop for Own Use), 225 5th av
*Columbia Typewriter Mfg. Co. (Typewriters), 37 W 116th
Columbian Bronze Corp., 50 Church

*Connelly Iron Sponge & Governor Co., 227 Fulton
*Cook Thos. W. G. (Metal Goods Presses), 83 Walker
Co-Operative Engng. Co. (Brass, Aluminum, Grey & Malleable Iron Castings), 50 Church
§Cory Chas. & Son (Brass Finishers), 286 Spring .
*†Cottrell C. B. & Sons Co., 25 Madison sq. N. (See Westerly, R. I.)
*Craddock Edw. S., 226 E 144th
*†§Crane Wm. M. Co. (Stoves, Grey Iron Castings, etc.), 16 W 32d. Works: Jersey City, N. J.
§Crown Fdry Co., 173 Grand
§Cunningham Wm. J., 21 Park Row
*Dale Lighting Fixture Co. (Electric Fixtures, etc.), 107 W 13th
*Dalton Mfg. Corp. (Lathes), 1915 Park av
*Davis-Warner Arms Corp., 96 Chambers
*Defiance Button Machine Co., 43 W 24th
*De Laval Separator Co. (Creamery Machinery), 165 B'way
§De La Vergne Machine Co. (Ice Machines & Gas & Oil Engines, etc.), ft. E 138th
*†Dempsey Michael J., 548 W 55th
*Dewes A. Co. (Presses, Dies, etc.), 199 Lafayette
*†Dexter Folder Co. (Paper Folding Machines), 200 5th av
*†§Diamond Match Co., 111 B'way
*Donnelly, Blanthorn & Co., 526 W 28th
*Dorman Jno. H. (Tapping Attachments, etc.), 1 Bethune
*Dover Boiler Works, Sales Office, 50 Church (Steel Plate Work of All Kinds), Works: Dover, N. J.
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*Dowdall Chas. E. (Elevators), 152 W B'way
*Drescher Louis (Machinist), 207 Centre
†Drummond M. J. & Co. (Cast Iron Pipe, etc.), 51 Chambers
*§Dubois F. N. & Co. (Plumbers' Brass Goods, etc.), 247 9th av
*Dudgeon Richard (Hydraulic Jacks, Tube Expanders, Presses & Steam Hammers), 24 Columbia
*Duff & Son, 175 Grand
*Dunne Michael F. (Engineer & Machinist), 223 West
*Durbrow & Hearne Mfg. Co. (Duplicate Parts, Machinery, etc.), 12 Wooster
§Duriron Castings Co., 90 West
*Eastern Tool & Mach. Co. Inc., 452 W. 148th
*Edwards & Co. (Electric Appliances), Exterior & 140th
*Eichel Jas., 381 Broome
*Elterich Chas. Co., 177 Grand
*Erlandsen Julius (Mattress Machinery, etc.), 172 Centre
*Ermold Edward Co., 656 Hudson
*Errington F. A. (Machine Tool Attachments), 39 Cortlandt
*§Federal-Huber Co., 33 W 44th
*†§Fiske J. W. Iron Works (Iron & Bronze Fdrs), 80 Park pl
*Ford Thos. P. Co. (Steam Specialties), 407 Broome
*†§Fox Benj. Sons (Brass & Iron Fdrs. & Machinists), 513 W 34th
*Frooks Engine Co., 352 1st av
*†Fuchs & Lang Mfg. Co. (Lithographers' Supplies), 119 W 40th, Foundry, Rutherford, N. J.
*Fuller E. C. Co. (Bookbinders' Machinery), 28 Reade
*Fyfe Alex. C. (Machinist), 652 W 44th
§Gallagher's James Sons (Brass Fdrs.), 87 Centre
*Gardam Wm. & Son, 114 Park pl
*Gartelmann Herman & Co., 246 Canal
*Garvin Machine Co. (Machine Tools, etc.), 147 Varick
*Gas Engine & Power Co. & Chas. L. Seabury & Co., Morris Heights
§General Machine Co., 417 E 156th
*Gitzendanner Muller Co. (Repairs), 15 Vandewater
*Glasgow Iron Works & Supply Co., 28 West
§GORHAM CO. ARCH'L BRONZE (Brass & Bronze Founders), 5th av & 36th
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*†Gould Coupler Co. (Car Couplers & Malleable Iron Castings, etc.), 30 E 42d, Works: Depew, N. Y.
*§Gould-Mersereau Co. (Brass Fdrs. & Finishers), 52 W 38th
*Grabo E. O. Machine Works (Brass Working Machinery), 180 Centre
§Graf Frank H. Mfg. Co., 322 7th av. (fire place fixtures)
*†Graff Furnace Co. (Stoves, Furnaces, etc.), 105 E 29th
§Gramercy Brass & Iron Works (Iron & Brass Fdrs), 615 10th av
*Greenlie-Halliday Co. (Machinists), 499 Water
†Grinberg Bros. (Gas & Oil Stoves, etc.), 154 South
*†Griscom-Russell Co. (Coppersmiths, Grey Iron, Brass & Bronze Castings, Forgings, Machinery, etc.), 92 West. *See adv index at end of book*
*Guerin P. E. (Inc.) (Brass & Bronze Goods, etc.), 21 Jane
*Gullberg & Smith (Machinists), 187 Lafayette
*Haiss Geo. Mfg. Co. (Coal Handling Machinery), 141st & Rider av
*Hall Frank A. & Sons (Bedsteads, etc.), 120 Baxter
*Hall Switch & Signal Co. (R. R. Signals), 50 Church, Works: Garwood, N. J.
*Hall's Saml. Sons (Bolts & Wrenches, etc.), 229 W. 10th
*Hammond Typewriter Co. (Typewriters), 537 E 69th
*Hankin John & Bro. (Heaters & Machinists), 550 W 25th
§Harper Thomas (Brass Fds.), 204 Lafayette
*Hatch F. E. Co. (Paper Box Machinery), 74 Greene
*†§Henry-Bonnard Bronze Co. (Archl. & Ornamental Iron Wks. & Castings), 20 Exchange pl
*Heyman N. H. (Brewers' & Maltsters' Machinery), 438 E 59th
*Hill's F. J. Sons, 6 Howard
*Himoff Machine Co. (Tobacco Machinery), 50 Church
*Hindle Walter E., 149 Lafayette
†Hinkle Iron Co. (Iron Fdrs.), 534 W 56th
*†Hitchings & Co. (Greenhouse Heating Apparatus & Builders), 1170 Broadway, Works: Elizabeth, N.J.
*†§Hoe R. & Co. (Printing Presses), 504 Grand
*Holgan Bros., 9 Baxter
*Holub-Dusha Co. (Marble Hole Cutting Machinery, etc.), 1799 1st av
*Homan J. & E., 435 W Broadway
§Hudson Brass Foundry, 352 Pearl
*Hummel C., & Sons, 320 Pearl
*Hvass Chas. & Co. (Machinist & Street Sweeping Machines), 511 E 18th
§Hynes & Myers, 458 E 10th
*Ideal Automatic Mfg. Co., 125 Watts
*†§Ingersoll-Rand Co. (Air Compressors, Rock Drills, Mining Machy & Pneumatic Tools, etc.), 11 B'way Works: Phillipsburg, N. J., Easton, Pa., Athens, Pa., & Painted Post, N. Y.
See adv index at end of book
*International Motor Co. (Motor Trucks), 64th & West End av
*†§Jackson Wm. H. Company, 2 W 47th
*§Janusch Mfg. Co. (Fire Place Finishings, Brass Fdry. & Finisher), 496 E 134th
*Jensen O. C., 1922 Park av
*†Johnson Isaac G. & Co. (Steel Castings & Specialties), Spuyten Duyvil
*†Johnson J. D. Co. (Cast Iron Soil Pipe & Plumbers' Castings), 54 Cliff
*Johnson & Crowley (Printers' Machinists), 182 Centre
*Jordan Bros. (Elec. Machinery), 74 Beekman
*Judelshan Oscar L., 36 E 8th
*Kar Engng. Co. Inc., 79 E 130th
*Katzenstein Leopold & Co. (Metallic Packing), 358 West
§Keil Francis & Son (Builders' Hardware), 401 E 163d
*†Kellogg M. W. Co. (Pipe Welding, Joints, Condensers, etc.), 90 West. Works: Jersey City N. J.
See adv index at end of book
*†§Kennedy Valve Mfg. Co., 81 John

*Kennelly Jno. J., 794 10th av
*Keyes Jas. A.,652 Hudson
*Kissinger's Jacob Sons, 75 Fulton
*§Klaber S. & Co. (Bronze Founders), 21 W 39th; Works: Carlstadt, N. J.
Klett & Soostmeyer Mach. & Mfg. Co., 1883 Park av
KNAPP ARTHUR ENGINEERING CORP., 30 Church
See adv index at end of book
*Knickerbocker Machine Works (Drilling Machines, etc.), 161 Perry
*Koberlein Fred'k, 508 W 24th
*Kretsch & Priester, 25 Bleecker
*Kroll Bros., 97 Essex
*Krom Machine Works (Mining Machinery), 170 Broadway. Works: Plainfield, N. J.
*†Lalance & Grosjean Mfg. Co. (Grey Iron Castings, All Consumed by the Company), 299 Broadway. Works: Harrisburg, Pa.
*§Lehnert & Co., 313 E 22d
*Leimau Bros. (Jewelers' Machinery & Tools), 62 John
*Levering & Garrigues Co. (Steel Structural Work), 552 W 23d
§Levett Walker M. Co. (Brass, Bronze & Composition Castings), 417 E 23d
*Lewthwaite Geo. A. Co., 116 Walker
*Lewthwaite T. H. Machine Co. (Punching & Shearing Machinery), 411 E 31st
*†Long E. G. Co., 50 Church. Works: Kingston, N.Y.
*†Lord & Burnham Co. (Greenhouse Heating Apparatus & Builders, etc.), 30 E 42d. Works: Irvington, N. Y.
*Lowerator Co., 244 W 23d
*Loyd John Co. (Dies, etc.), 124 Baxter)
Lindner & Vradenburgh (Machinists), 239 Centre
McAllister Dry Dock & Shipyard Co. (Marine Repairs), 24 State
*McCabe Hanger Mfg. Co. (Door Hangers, Ball-Bearing Wheels, Dies, etc.), 425 W 25th
§McCauley Frank, 502 W 25th
*§McCoy J. B. & Son (Electric & Gas Fixtures), 114 W 30th
*†McDougall & Potter Co. (Steam Hammers, etc), 606 W 55th
*McKeirnan-Terry Drill Co. (Rock Drills, etc), 15 Park row; Works: Dover, N. J.
*McMillan & Werner (Pulleys, etc), 81 Centre
*†§McNab & Harlin Mfg. Co. (Iron Brass Fdrs. & Finishers, Plumbing & Steam Specialties, etc.), 55 John. Works: Paterson, N. J.
§Magnolia Co. (Anti-Friction Metal, etc.), 115 Bank
See adv index at end of book
§Magnus Co., 111 Broadway
*Magor Car Corp. (Industrial Cars, etc.), 30 Church, New York. Works: Passaic, N. J.
*§Manhattan Brass Co., 332 E 28th
*Manhattan Repair & Supply Co., 108 Lawrence
*Mantle & Co., 1907 Park av
†Marcy Stove Repair Co. (Stove, Range & Heater Repairs), 74 Beekman. (Foundry: Perth Amboy, N. J.)
*†§Marine Mfg. & Supply Co. (Ship Machinery, etc)., 158 South
Markels Leonard, 165 William
*§Martin B. M. (Brass Foundry & Finisher), 473 W Broadway
*Mason & Moore, 30 E 4th
*†Mietz August (Gas Engines, etc.), 138 Mott
*†Millers Falls Co. (Machinists' Fine Tools & Hardware Specialties, etc.), 28 Warren. Works: Millers Falls, Mass.
*Mitchell Co., 621 W 24th
*§Mitchell Vance Co. (Gas & Electric Fixtures), 507 W 24th
*Montanini & Grillo, 155 W Houston
*Moss & Kendall, 550 W 25th
§Mullin Daniel, 520 W 22d
*†Murray Hill Iron Works Co. (Iron Fdrs), 101 W. 25th
§*Murray & Sorensen, 227 W 17th
Nannen Chas. B. & Son, 108 Lawrence
*NASON MFG. CO. (Machinists), 71 Fulton *See adv index at end of book*

NEW YORK—New York—continued

*§Nathan Mfg. Co. (Steam Specialties, Brass Founders, etc.), 85 Liberty. Works: 416 E 106th
*†National Enameling & Stamping Co. (Grey Iron Castings, all Consumed by the Company), 411 5th av
*National Lead Co., 111 B'way
*National Meter Co. (Water Meters, Gas Engines, etc.), 299 B'way
*Naylor & Co. (Power Transmitting Machinery), 120 B'way
*Nelson Tool Co., Inc. (Dies, Special Machinery, etc.), 782 E 142d
See adv index at end of book
§Nemes B., 652 E 12th
*§Neptune Meter Co. (Water Meters), 50 E 42d. Works: Long Island City, N. Y.
*Nestor Mfg. Co. (Inc.) (Dies, Special Machinery, etc.), 40 W 13th
New Jersey Fdry & Mach. Co., 140 Cedar
*†New Jersey Zinc Co. (Iron Castings for the Use of the Company; also Machine Shop for Repairs), 55 Wall
*†New York Air Brake Co. (Air Brakes & R. R. Appliances), 165 Broadway
*§New York Brass Foundry Co. (Brass Fdrs.), 104 Centre
†*New York Engine Co., 165 B'way
*New York Novelty Co., 621 B'way
†Nichols D. M. Iron Works, 2 Gouverneur pl
*Nielson Anton E., 78 Barclay
*†Niles-Bement-Pond Co. (Machine Tools, etc.), 111 B'way
*Noiseless Typewriter Co. (Typewriters), 253 B'way. See Middletown, Conn.
*O'Day P. H. & Son (Marine Works, etc.), 253 South
*O'Meara J. (Inc.) (Steam Goods), 2 Lispenard
*Ogden J. Edward Co., 147 Cedar
Page Steel & Wire Co., 30 Church
See adv index at end of book
*†§Patterson-Allen Engineering Co. (Valves, etc.), 2 Rector. Works: Jersey City, N. J.
*Paul Herman L., 159 E 128th
*Pedersen Lubricator Co. (Tools & Special Machy.), 636 1st av
*†Pelton Water Wheel Co. (Water Wheels for Power, etc.), 90 West
†*Pierce, Butler & Pierce Mfg. Corp. (Gas Ranges, Plumbers' Brass Goods & Iron & Brass Founders), 437 E 162d
*Pierson U. Bar Co. (Greenhouse Bldrs., etc.), 1 Madison av. Works: Jersey City, N. J.
*Pollard-Alling Mfg. Co. (Addressing & Mailing Machines), 312 E 23d
†§*Port Morris Casting Co., 138th & Locust av
Potter S. A. Tool & Mach. Wks. (Lathes), 79 E 130th
†§Power Specialty Co., 111 B'way
*Pryibil P. Machine Co. (Wood Working Machy.), 520 W 41st
†Pyramid Grate Bar Co., 30 E 42d
*Quimby Wm. E. (Pumping Machinery), 548 W 23d
*†Quintard Iron Works Co. (Iron Fdrs. & Machinists), 742 E 12th
*Rail Joint Co. (Rail Joints, etc.), 61 B'way. Works: Troy, N. Y.
*†Railway Steel Spring Co. (Railway Springs, Steel Tired Wheels, etc.), 30 Church
*Ramsaier Gustav Co. (Machinist), 216 William
*Ramsaier Wm. J., 95 Cliff
*Ransome-Leach Co. (Logging Machy., etc.), 115 B'way
*†§Raritan Copper Wks, 42 B'way
*Rathbun & Bird Co. (Printers' & Bookbinders' Machinery, etc.), 8 Dutch
*Rathbun & Co., 8 Dutch
*†Reedy Elevator Co., 202 9th av. Works: Hoboken, N. J.
*Rees & Co. (Rider & Erickson Engines), 220 E 86th
*Regina Co. (Music Boxes, Vacuum Cleaners, etc.), 47 W 34th. Works: Rahway, N. J.
*Reid Alexander & Co. (Engineers & Machinists), 165 Charles
*Remacle Louis L., 246 Canal
*†§Remington Typewriter Co. (Typewriters), 374 B'way. Works: Ilion, N. Y.
*Revolute Machine Co., 417 E 93d
*Ricardo Geo., 22 Burling Slip
*†§Richardson & Boynton Co. (Stoves, Furnaces, Ranges, etc.), 31 W 31st. Works: Dover, N. J.
*†Richmond Radiator Co. (Radiators & Heating Apparatus, Vacuum Cleaners, Enameled Iron Ware, etc.), 1480 B'way. Works: Norwich, Conn.; Uniontown, Pa.; Philadelphia, Pa.; Reading, Pa.
*†Rider-Ericsson Engine Co. (Hot Air Pumping, Engines), 20 Murray
*†ROBINS CONVEYING BELT CO. (Conveying & Hoisting Machy.), 13 Park Row
See adv index at end of book
*Rosenbaum Mfg. Co. (Gas Irons, etc.), 33 Bleecker
*†Royal Typewriter Co., 366 B'way. Works: Hartford, Conn.
*Ruf Herman P., 93 Crosby
Ruhle & Borer (Looms), 517 W 45th
*†Safety Car Heating & Lighting Co. (Car Heating & Lighting Apparatus), 2 Rector
*†Safety Insulated Wire & Cable Co. (Machine Shop for Own Use Only), 114 Liberty. Works: Bayonne, N. J.
*Schlosser Mfg. Co. (Marine & Gasoline Engines), 151 E 126th
*Schmidt Bros., 909 Faile
*Schmidt F. L. Co. (Envelope Machy.), 11th av & 21st
*Schock Gustav & Son, 514 W 57th
*Schoenfeldt Wm., 787 3rd av
*§Scholl Adam, 225 E 138th
*Scott Walter & Co. (Printing Machinery), 1457 B'way. See Plainfield, N. J.
*Scott & Williams (Knitting Machy.), 366 B'way
*Sharman Bros. (Jobbing), 256 Pearl
*Shaw Electric Crane Co., 119 W 40th. Works: Muskegon, Mich.
*Sier-Bath Co. (Gears), 143 W 54th
*†§Simmons Jno. Co., 110 Centre
*Simon Chas., 34 W 13th
*Simons & Mayer (Iron Railings, etc.), 143 Avenue D
*Simplex Automobile Co. (Auto Bldrs.) 755 5th av. Works: New Brunswick, N. J.
*†Singer Sewing Machine Co. (Sewing Machines & Special Machy.), 149 B'way. Works: Elizabeth, N. J.
*Sprague Electric Works (Electric Machinery, Hoists, etc.), 527 W 34th
*Staley Elec. Elev. & Mach. Co. (Electric Elevators, etc.), 136 Prince
*†Standard Coupler Co. (Steel Platforms, Car Couplers, etc.), 30 Church. Works: Bridgeport, Conn.
*Standard Iron Works, 508 E 74th
*Standard Plunger Elevator Co., 29 B'way
*Star Seal Co. (Bottle Sealing Machines), 30 Church
*†Steinway & Sons (Piano Plates, etc.), 109 E 14th. Works: Astoria, Borough of Queens, New York City
§Sterling Bronze Co. (Bronze Fdrs. & Gas & Electric Fixtures), 16 E 40th
*Stimmel Samuel, 5 Bedford
*Sullivan Jno. W. Co., 827 E 9th
*Texas Co. (Machine Shop for Own Use Only), 17 Battery pl. Works: Bayonne, N. J.
*†Thatcher Furnace Co. (Hot Air Furnaces, Stoves, etc.), 135 W 35th. Works: Newark, N. J.
*Thayer & Co. (Gear Cases), 111 B'way
*Thompson Hervey (Builders' Iron Work & Machinist), 233 B'way
*Thomson W. S. (Wood Working Machinery), 418 W 27th
*Thourot Paul, 559 W 36th
*Tiffany & Co. (Jewelers), 37th & Fifth av
*Tight Joint Co. (Tight Joint Fittings), 306 E 47th
*Tirrill Gas Machine Lighting Co., 103 Park av. Works, Newark, N. J.
*†Toop Geo. H. Iron Wks., 9 Canal pl
*Trapp & Kuehnle (Printers' Machinists), 245 Pearl
*§Troy Laundry Machinery Co. (Laundry Machinery), 133 Centre
*†Turl Iron & Car Co. (Sugar Machy., etc.), 50 Broad. Works, Newburg, N. Y.
*Turner Machine Co., 75 Fulton
*Uehling Instrument Co. (Pyrometers, Composimeters, etc.), 71 B'way
*Underwood Typewriter Co., 30 Vesey. Works, Hartford, Conn.
*†Union Stove Works (Stoves, Furnaces, etc.), 70 Beekman. Works, Peekskill, N. Y.
*United States Gauge Co. (Gauges, Valves, etc.), 67 Wall
†U. S. Castings Co., 25 Elm
§Van Kannel Revolving Door Co., 250 W 54th
*Visigraph Typewriter Co. (Typewriters), 37 W 116th
*Wagner Chas., 587 Hudson
†Washburn & Granger, 50 Church
†Waterman Hy. & Bro. (Gas & Oil Stoves), 195 Lewis
*Watkin M., 35 Pike
*§WATSON-STILLMAN CO. (Hydraulic Machinery, etc.), 38 Church. Works: Aldine, N. J.
See adv index at end of book
*Watson's Forge & Mach. Works, 553 W 35th
*Wendtland Wm. (Button Machinery), 51 Mercer
*Wenning Jno., 225 E 106th
*†§Western Electric Co., 463 West
*Westervelt J. W. & Co. (Special Machinery, etc.), 69 Gold
*†Wheeler Condenser & Engineering Co. (Pumps, Condensers & Sugar Machinery), 149 B'way. Works: Carteret, N. J.
See adv index at end of book
*†White Mfg. Co., 556 W 34th
*Wiebke Machine Co. (Machinist), 135 W 3d
*†Wilfert John Co., 258 B'way
Wilkins Munroe P., 125 Watts
§Williams Jno. Inc. (Brass & Bronze Founders & Wrought Iron Work), 556 W 27th
*Winter Louis F., 418 W 27th
Wolfschlag Joseph A., 456 Pearl
*Worcester Albert, 182 W Houston
Worthington Pump & Machinery Corp., 115 B'way
See adv index at end of book
Yaeger & Bolte, 26 Cliff
*†§Yale & Towne Mfg. Co. (Builders' Hardware), 9 E 40th. Works: Stanford, Conn.
*Zeidler Wm. A. Co. (Laundry Machinery), 163d & Melrose av
§Zoppo Ben, 3002 Park av
*Zuhr Henry, 204 William

Borough of Queens.

ASTORIA—*Astoria Machine Works, 54 Fulton av
†Brooklyn Fdry. Co., Orchard
*§Federal Brass & Bronze Co., Ridge
*Meyers Willard F. Machine Co., 614 Hamilton
*Ward & Co., 54 Fulton av
COLLEGE POINT—Browning Victor R. & Co. *See ad index at end of book*
GLENDALE STATION—*V. & O. Press Co. (Presses, Dies, etc.), Dry Harbor rd
LONG ISLAND CITY—*Boyce Alex. R., ft. Front
*§Federal Brass & Bronze Co., Ridge
*§Franklin Brass Foundry (Brass Castings, etc.), 100 Young
*General Vehicle Co. (Electric Auto Trucks), Star av
*Leu F. Co. (Bottlers' Machinery), 231 Vernon av
*Long Island Machine & Marine Construction Co., ft. E. av
*†§McGee Jos. Iron & Brass Fdry. Co. (Iron & Brass Fdry.), 51 6th
*†§Neptune Meter Co., Crane (See York City City)
§Queens Borough Brass & Bronze Fdry, 184 B'way
*§Rhoades R. W. & Co.
*†§Russell Foundry & Machine Wks. (Iron & Brass), 51 6th
*†§Steinway & Sons (Piano Plates, etc.)

*Sweeney & Gray Co. (Engineers & Machinists), 81-85 6th
See adv index at end of book
***§Tiffany Studios, Corona**
Walsh & Allen, 15 Wilbur av
*Wegner Machine Works (Stone Working Machinery), 63 Mills
MASPETH—(N. Y. City)—***MERRILL BROS.** (Mfrs. of Turnbuckles, Drop Forgings, Vises, Presses, Drop Hammers, etc.), 3 Arnold
See adv index at end of book
***†§Richey, Browne & Donald (Iron Arch'l & Ornamental Work & Castings)**, Flushing av
RICHMOND HILL—**†Richmond Hill Fdry. Co.**
†§Richmond Hill Iron Fdry. Co.

Borough of Richmond.

PORT RICHMOND — *Carlson & Russ, 2319 Richmond ter.
†*§Staten Island Shipbuilding Co., 3083 Richmond ter.
PRINCES BAY—***†§White S. S. Dental Mfg. Co.**
WEST NEW BRIGHTON—*McAllister Dry Dock Co. (Marine Repairs) (See New York)
***†McWilliams Frank (Inc.) (Shipbuilders & Dry Dock)**, Burgher av

(End of New York City)

NIAGARA FALLS—***Carborundum Co.** (Carborundum Wheels & Aloxite Grinding)
***†Central Machine Co. (Printing Press Machinery)**
*Chisholm-Scott Co. (Pea Hulling Machinery, etc.)
***†§Dobbie Foundry & Machine Co.** Hoisting Engines, Cars. Cranes, Hoists & Iron & Brass Castings, etc.)
§Frontier Brass Foundry
§Letanium Alloy Mfg. Co.
*McGarigle Machine Co. (Miniature Locomotives)
***Morrison J. L. Co. (Wire Stitching Machines, etc.)**
†Niagara Falls Furnace Co.
†Niagara Foundry Co.
*Philpott & Leuppie Co. (Machinists)
*†Ramapo Iron Works (Castings & General Track Equipment). Wks. also Hillburn, N. J.
*U. S. Light & Heat Corp. (Car Heating & Lighting Apparatus)
NORTH HARPERSFIELD — *†Dayton, Wm. H.
NORTH TONAWANDA—*†§American District Steam Co.
*Buffalo Bolt Co.
*†§Buffalo Steam Pump Co. (Steam Pumps, etc.)
*†§Herschell, Spillman & Co. (Merry-go-Rounds, etc. & Park Carnival Devices)
*†§Miller Foundry & Specialty Co. (Plumbers Brass Goods)
*†Niagara Radiator & Boiler Co. (Radiators & Cast Iron Heating Boilers)
NORWICH—*†§Ireland Machine & Foundry Co.
*Maydole David Hammer Co.
NUNDA—*Foote C. Mfg. Co. (Concrete Mixers & Gas Engines)
NYACK—*Ofeldt F. W. & Sons (Gas & Gasoline Engines, etc.)
OGDENSBURG—*†§Dunn Walter E. (Gasoline Engines)
†§Fell Jos. E.
†§Hackett Patrick Hardware Co. (Brass & Iron Founders)
§Newell Mfg. Co.
*Ogdensburg Machine Co. (Machinists)
§Seeley John A. Mfg. Co.
*Silver H. & Son
OLEAN—*†§Abbott D. S. Co. (Saw Mill Machinery, etc.)
†§Carley Heater Co. (Tannery Machinery, etc.)
*†Clark Bros. Co. (Heavy Duty Gas Engines, Saw Mill Machy., etc.)
*†§Luther Mfg. Co. (Punching & Shearing Machinery, etc.)
*†Myrick Machine Co. (Gas Engines, etc.)
ONEIDA—†Cheney S. & Son
*Coles Tool & Machine Co.
†Kelly & Kennedy
*Mohawk Valley Mfg. Co. (Carriage & Auto Hardware, etc.)
*Oneida National Chuck Co. (Drill & Lathe Chucks)
*Westcott Chuck Co. (Drill & Lathe Chucks)
ONEONTA—*Gorham H. E. (Machinist)
*†§Titchener-Culver Iron Works
ORANGEBURG—*Fibre Conduit Co. (Air Tools, etc.)
ORISKANY—†Oriskany Malleable Iron Co., (Ltd.) (Malleable Iron Castings)
ORWELL—*†§Olmstead A. E.
OSSINING—*†§Ingersoll-Rand Co. (See New York City)
*Kipp Engine Works
OSWEGO—*†§Ames Iron Works (Engines & Boilers)
*Baker Benjamin (Machinist)
*§Hessler Foundry & Mfg. Co. (Iron Castings)
*†§Kingsford Foundry & Machine Works (Steam Engines, etc.)
*Kitts Mfg. Co. (Steam Specialties, etc.)
Kitts Steam Specialty Co.
†§Oil Well Supply Co. (See Pittsburg, Pa.)
*Oswego Machine Works (Paper Cutting Machines, etc.)
*Oswego Tool Co. (Dies, Tools, etc.)
*Railway Steel Spring Co. (See New York City)
†§Sawyer Brass & Iron Fdry.
OWEGO—*Champion Wagon Co. (Grain Drills, etc.)
*Stevens Norton A. (Machinist)
PAINTED POST—*†§Ingersoll-Rand Co. (See New York)
*Townsend Fred J. (Wire Stretchers)
*Warns Wm. H.
PALMYRA—*†Peerless Printing Press Co.
PATCHOGUE—*Roe Justus & Sons (Rowler Awning Fixtures, Tape Measures, etc.)
PEARL RIVER — *Braunsdorf John H. (Printing Presses)
PEEKSKILL—†§Fox J. M. Iron Wks.
†Mohegan Stove Co.
*†§Naylor Bros.
†§Southard - Robertson Co. (Stoves, Ranges, Furnaces, etc.)
†Union Stove Works (Stoves, Furnaces, etc.) (See New York City)
PENN YAN—†§Commercial Iron Works Co.
PHELPS—*†Crown Mfg. Co. (Grain Drills, etc.)
PHILMONT—*American Raveller Co.
PHOENIX—*Scusa Lino
PIFFARD—*Shattuck T. N.
PLATTSBURG—*†§Lozier Motor Co.
*†§Plattsburg Foundry & Machine Co.
*Williams Mfg. Co. Ltd. (Typewriters)
PORT CHESTER — *†Abendroth Bros. (Cast Iron Pipe, Stoves, etc.
†Mills Wm. A. Brass Co. (Brass, Bronze & Aluminum Castings)
*Port Chester Machine Works
*Russell, Burdsall & Ward Bolt & Nut Co. (Bolts, Nuts, etc.)
†Taylor J. A.
PORT JERVIS—*Jennings & Griffin Mfg. Co. (Tools)
†Swinton & Co. (Fdrs. & Hardware)
POTSDAM—Leete Chas. H.
POUGHKEEPSIE—*†De Laval Separator Co. (Dairy Implements, etc.)
*†§Dutchess Foundry Co.
*Hart Frederick & Co. (Build and Develop All Kinds of Inventions and Special Machinery), 837 Main
†Hudson River Foundry Co.
*†Lane Bros. Co. (Door Hangers & Hardware Specialties)
*†§Moline Plow Co. (Adriance Platt branch)
*†Poughkeepsie Foundry & Machine Co.
*Schatz Mfg. Co. (Punching & Shearing Machinery, etc.)
*Sedgwick Machine Works
*Standard Machine Key Mfg. Co.
*Tiffany Machine Shop
PRINCE BAY—†§*White Dental Mfg. Co. S. S.
PULASKI—†§*Olmstead A. E. & Sons
RAMAPO—*†Ramapo Foundry & Wheel Works (Car Wheels & Castings of All Descriptions)
RANDOLPH—*†§Pike F. H. (Foundry & Machinist)
RAVENA—*†Ravena Iron Co.
RICHFORD—*Hilts Wrench & Mfg. Co. **(Car Movers, Pipe Wrenches, etc.)**
RIPLEY—*Huntington Alfred
ROCHESTER—*†§American Laundry Machinery Co. (Laundry Machinery). (See Cincinnati, O.)
*†American Woodworking Machinery Co. (Woodworking Machinery)
*†Anstice Josiah & Co. (Hardware Specialties), 238 N Water
*Ashley Machine Works
*§Atkinson Co. (Plumbers' Brass Goods & Brass Compo Castings)
*Atlantic Stamping Co. (Tinware Mfrs.), 156-180 Ames
*Auburn Ball Bearing Co. (Ball Bearings, etc.), 26 Elizabeth
*§Bausch & Lomb Optical Co. (Scientific Instruments, etc.)
Baxendale, Whittlesey & Cummings
*Beers Bros.
*Booth Bros. Co. (Shoe Machinery)
*Bourne Jno. R. (Dies, etc.)
*Boutell Mfg. Co. (Apple Evaporating Machinery)
*Bridgeford Machine Tool Works **(Axle Turning & Engine Lathes)**,
See adv index at end of book
*Clark Cadle Harmon Corp. (Metal Specialties)
§*Clark Hdwe. Mfg. Co.
*Cochrane-Bly Co. (Cold Saw Cutting-off Machines, etc.)
†Co-Operative Foundry Co. (Stoves, etc.)
*†Connell & Dengler Machine Co. (Woodworking Machinery)
†Crescent Foundry Co.
*Davis Machine Tool Co. (Machine Tools, etc.)
*Defiance Checkwriter Corp. (Check Protectors)
*Economy Gas Machine Co. (Gas Engines)
*Eisler Mfg. Co. (Special Machinery)
*†Enterprise Foundry Co. (Hot Air Furnaces & Iron & Composition Castings)
*Erdle Perforating Co. (Machine Tools, Perforated Metals, etc.), 181 York
See adv index at end of book
†Erie Foundry Co. (Iron Fdrs.)
§Flower City Fdry. Co.
§*Forbes Brass Co.
*Funck Philip Corp.
†Galusha Stove Co. (Stoves, Ranges & Furnaces)
*§General Railway Signal Co. (Railway Signals, etc.)
*Genesee Plating Works
*†Gleason Works (Iron Fdrs., **Gears**, Gear Cutters, etc.), 2000 University av
*Goette Rudolph F. A.
*Heughes F. L. & Co. (Builders' Iron Work & Castings)
*Huther Bros. Saw Mfg. Co. (Saws, Cutters, etc.)
See adv index at end of book
Ingle Machine Co., 371 St. Paul
*†Judson Governor Co. (Steam Engine Governors)
*Judson Pin Co.
*Klip-Klip Co. (Nail Clippers)
*Knowlton M. D. Co. (Paper Box Machinery), 26 Elizabeth
*Kohlmetz Chas. E.
*Kolhmetz H. L.
*Long Adam A. (Special Machinery, Tools & Dies)
*Luitwieler Pumping Engine Co. (Pumping Engines)
*Mack & Co. (Edge Tools, Machine Knives)
*Morgan Machine Co. (Boxmakers' Machinery, etc.)
*Mutschler A. & H. G. (Elevator Motors, etc.), 77 N Water
*§National Brass Mfg. Co. (Brass Cocks, Valves, Trolley Wheels & Harps, etc.)
*†§National Car Wheel Co. (See Pittsburg, Pa.)
North West Foundries, Inc.
*Otis Machine Works (Special Machinery, Tools & Dies), 191 Mill
*Parry Samuel R. (Paper Box Machinery)
*Patric Milan W. (Machinists, Punches, Dies, etc.)
†Progressive Fdry. Co.
*†Pullman Mfg. Co. (Hardware Specialties, etc.)
*Ricker Mfg. Co.
*Ritter Dental Mfg. Co. (Dental Equipment, etc.)

NEW YORK—Rochester—continued
*Rochester Barrel Machine Works
§Rochester Bronze & Aluminum Co., Inc.
*Rochester Machine Screw Co.
*Rochester Motors Co. (Engines, Motors, etc.)
*Rochester Radiator Co.
*Ryede Specialty Works (Vending Machines & Metal Specialties)
*§Sargent & Greenleaf Co. (Bank & Safe Locks, etc.)
*Selden Motor Vehicle Co.
*†§Sill Stove Works (Stoves, Ranges & Furnaces)
*Sohn Daniel Machine Co.
*Stein Wm. P. & Co. (Surface Grinders, dies, etc.)
*†Symington T. H. Co. (R. R. Specialties, etc.)
*Taylor Instrument Co.'s (Barometers, Hydrometers, etc.)
See adv index at end of book
*Taylor-Shantz Co. (Special Machy)
*Todd Protectorgraph Co. (Check Protectors), 1050 University av
*Trebert H. L. F. Engine Works
Vacuum Oil Co. (Machine Shop for Their Own Use)
*Weidner C. A. Co.
*§Werner John & Sons (Confectionery Machinery)
*West Tire Setter Co. (Tire Setters, Banding Presses, etc.)
*†Willsea Works (Special Machinery)
*Wilson W. A. Machine Co. (Machine Tools, etc.), 217 N Water
*§Wray Henry & Son (Brass Founders)
*Yawman & Erbe Mfg. Co. (Metal Furniture)
Zunner Machine Co.

ROME—*†Adams S. & Son
*§Doyle W. J. (Light Machinery, Brass & Aluminum Castings, etc.)
*Harris C. S. Co. (Power Hoisting & Carrying Machines)
*§Noonan A. S. Tool and Machine Works. (Auto & Bicycle Tools, etc.)
*†§Rome Locomotive & Machine Works
*†Rome Metallic Bedstead Co.
*†Rome-Turney Radiator Co. (Radiators, etc.)

ST. JOHNSVILLE—*Clark Machine Co. (Grain Threshers, etc.)

SALAMANCA—*†§Salamanca Engine-Iron Co. (Engines & Grey Iron Cast'gs)

SARATOGA SPRINGS—Baker Mfg. Corp. (Paper & Pulp Mill Machinery, Grey Iron Castings, etc.)

SAUGERTIES—†§*Saugerties Fdry. & Mach. Co

SCHENECTADY—*†§American Locomotive Co. (Locomotives). (See New York City)
†§*Electric City Fdry. Co.
*†§GENERAL ELECTRIC CO. (Electric Generators & Machinery).
See adv index at end of book
*Kehoe C. C.
*†§Westinghouse Co. (Agrl. Implements, Threshers, Stackers, etc.)

SENECA FALLS—*Davis E. C. & Co. (Plumbing Specialties)
*†§Goulds Mfg. Co. (Pumps, etc.), 71 W Fall
See adv index at end of book
§Knight H. W. & Son
*†§Rumsey Pump Co. (Ltd.) (Steam Pumps, Fire Engines, etc. Box J.
See adv index at end of book
*†Seneca Falls Mfg. Co. (Lathes & Attachments)

SHORTSVILLE—*Papec Machine Co. (Feed Cutters, Cream Separators, etc.)
*Star Seeder Co. (Agrl. Implts.)

SIDNEY—*Lakin Bruce (Machinist)

SILVER CREEK—*†§Howes S. Co. (Grain, Coffee and Rice Cleaning Machinery, etc.)
*†Huntley Mfg. Co. (Grain, Rice & Coffee Cleaning Machinery, etc.)
*†Invincible Grain Cleaner Co. (Flour Mill & Grain Cleaning Machinery, etc.)

SODUS POINT—*†Seely D. W.

SOLVAY—*Pass & Seymour (Electric Specialties)

SPRINGVILLE—Smith & Smith

STOCKPORT—*Philip Rossman

SYRACUSE—*Ames Iron Works (Engines, etc.)
*Barber Bros. (Steam & Gasoline Engines)
*†Bradley C. C. & Son (Power Hammers, etc.)
*Brennan Motor Mfg. Co. (Gasoline Engines)
*Brown-Lipe-Chapin Co. (Auto Gears, etc.)
*Brown-Lipe Gear Co. (Auto Gears, etc.)
*§Caldwell E. R. & Son Brass Co.
Caldwell & Ward Brass Co.
*Central City Bolt Co. (Door Hangers, Bolts, Nuts, etc.)
*Chase Motor Truck Co. (Auto Truck Builders)
*Continental Can Co.
*Crouse-Hinds Co. (Electrical Specialties)
*Doyle & Devereaux, Industrial Bldg.
*†DUNNING & BOSCHERT PRESS CO., INC. (Presses, etc.), 379 W Water. *See ad index at end of book*
*†Dunning W. D. (Plaster Mixers & Pulleys & Castings)
*§Edwards O. M. Co. (Hardware Specialties, etc.)
†Empire Foundry Co.
*†Engelberg Huller Co. (Rice & Coffee Machinery, Grey Iron Castings)
*§Franklin Mfg. Co. (Special Alloy Castings), Magnolia
*†§Frazer & Jones Co. (Harness, Hardware & Malleable Iron Castings)
*Gale O. Milton (Tools, Special Machinery, Gears, etc.)
†§Globe Malleable Iron & Steel Co. (Malleable Iron & Vanadis Annealed Steel Castings), 101 Greenway av
*Houser Elevator Co. (Elevators)
*Kane & Roach (Carriage Builders' Machinery)
†Landers W. H. Co. (Stoves, Furnaces, Ranges, etc.)
*Leighton H. J. (Marine Gasoline Engines)
*Lipe W. C. (Dies, Tools & Special Machinery)
*Llewellyn & Doyle, Pearl & Hickory
§McVey Hugh (Brass Founders)
*New Process Gear Corp'n. (Cut Gears, etc.)
*§Oberdorfer M. L. Brass Co. (Brass Founders), 810 E Water
*Onondaga Brass Co. (Brass, Bronze & Aluminum Castings)
*†Pneumelectric Machine Co. (Coal Mining Machinery, etc.)
*Porter-Cable Machine Co. (Lathes, etc.)
*Railway Roller Bearing Co. (Roller Bearing Journal Boxes, etc.)
See adv index at end of book
†Reddin Iron Works (Iron Founders)
§Senk J & W (Brass Founders)
*Shaw Coupling Co. (Power Transmission Appliances, etc.)
*Smith L. C. & Bros. Typewriter Co. (Typewriters)
*†Smith & Caffrey Co. (Grey Iron Castings & Ornamental Iron Wk.)
§*Standard Brass & Aluminum Fdry. Co., Inc.
*†§Stearns E. C. & Co. (Grey Iron Castings. Hardware Specialties, etc.), 450 Oneida
*†Straight Line Engine Co. (Grey Iron Castings, Loam or Green Sand to 20,000 lbs.)
*Syracuse Bridge Co.
*†Syracuse Chilled Plow Co. (Plows, Harrows, Cultivators, etc.)
*§Syracuse Faucet & Valve Co. (Brass Founders, Finishers & Plumbers' Brass Goods), Eastwood, N. Y.
*Syracuse Heater Co. (Heating Apparatus)
*†Syracuse Malleable Iron Works (Refined Air Furnace & Iron Castings)
*Syracuse Safe Co. (Safes, etc.)
*Syracuse Twist Drill Co. (Twist Drills, etc), Borden av
*U. S. Hofmann Co. (Cloth Pressing Machines)
*Van Wagner E. B. Mfg. Co.
*§Walker Bros. Co. (Dies, Tools, Special Machinery, etc.)
Weekes-Hoffman Co.
*Westinghouse Electric & Mfg. Co., University (See Pittsburgh, Pa.)
*Wonder Mfg. Co. (Gasoline Engines)

THERESA—*†§Wakefield Jas. W.

THROOPSVILLE—Meyer & Co. (Iron Nuts, Axle Collars, etc.)

TICONDEROGA—*†§Ticonderoga Machine Works (Paper Mill & Mining Machy.)

TONAWANDA—*American Engine & Boiler Works (Engines, Boilers, etc.)
*†§Gillie Machine Co. (Brass & Iron Foundry, Deck Engines, etc.)

TROY—*Adams Laundry Machinery Co. (Laundry Machinery)
*American Blower Co. (See Detroit, Mich.)
*†Bascom & Co. (Stove Patterns, etc.)
*Brown E. H. Mfg. Co.
†Burdett, Smith & Co. (Stoves)
*†Carr J. B. Co. (Chains, etc.)
*Covert Mfg. Co. (Hardware Specialties)
†*Eastern Malleable Iron Co.
*†Fuller & Warren Co. (Stoves & Heating Apparatus)
†Gold Coin Stove Co. (Stoves)
*Gormley Robt. W. & Co. (Textile Machinery, etc.)
*§Gurley W. & L. E. (Surveying Instruments, etc.)
*Hammett H. G. (Railroad Specialties, etc.)
*Hislop James W. (Iron Founders)
*Interstate Machinery Co. (Paper Box & Laundry Machinery)
*Knowlson & Kelley Co.
*†Ludlow Valve Mfg. Co. (Iron & Brass Founders, Valves, Fire Hydrants & Water Works Supplies), ft. of Adams
*†Mahony Mfg. Co. (Iron Founders, Builders' Iron Work, etc.)
§Meneely Bell Co. (Bell Founders, etc.)
*Micrometer Balance Scale Co.
*Morey Alex. W. (Machinist)
†Neemes Bros. (Machinery Castings, Shaking Grates, etc.)
*†Phillips & Clark Stove Co. (Stoves). (See Geneva, N. Y.)
*Rail Joint Co. (See New York)
*†§Rensselaer Valve Co. (For Own Use Only) (Iron Founders, Valves, Fire Hydrants & Waterworks Supplies)
†*Reynolds-Chalon Fdry. Co.
†Reynolds Geo. W. H. Fdry. Co. (Grey Iron Fdrs., etc.)
*§Ross Valve Mfg. Co. (Valves, Fire Hydrants) 9 Oakwood av.
See adv index at end of book
*†Taylor Electric Truck Co. (Electric Car Trucks, etc.)
*Tolhurst Mach. Works (Hydro Extractors, Laundry Machinery, etc.)
*Tompkins Bros. Co. (Textile Machinery)
*Troy File Works (Files, etc.)
*Troy Laundry Machy. Co.
†Troy Malleable Iron Works of Eastern Malleable Iron Co. (All Kinds of Malleable Iron Castings)
Vedder Pattern Wks. (For Stoves & Heaters)
*†West Side Foundry Co. (Grey Iron Castings, etc.)
*†West Side Structural Co. (Structural & Ornamental Iron Work, etc.)
§Wheeler Bros. Brass Foundry (Brass & Bronze Castings)

TRUMANSBURG—*†Almy & Son (Rollers, Plows, etc.)

UTICA—§Blasier-Sanborn Mfg. Co.
*Divine Bros. Co. (Buffing & Polishing Wheels, etc.)
*†Eureka Mower Co. (Agrl. Implts., etc.), 16 Hickory
*Firsching Jos. (Textile Machinery)
*Fisher Knitting Machine Co. (Textile Machinery)
*†§Foster Bros. Mfg. Co. (Iron Beds, etc.)
*†Giblin & Co. (Furnaces, etc.)
*†Hart & Crouse Co. (Heating Apparatus, Hot Air Furnaces, etc.)
Hasselbart-Whiton Co.
Herron Mfg. Wks. Div. of the Bossick Co. (Bridgeport, Conn.), Jig & Fixtures, Dies, Gorges & Special Machinery
*†International Heater Co. (Heating Apparatus, etc.)
§Iroquois Fdrs. Inc.

*Jones Frank L. (Cheese Factory & Creamery Machy. & Supplies)
§Merriam F. M.
†Munson E. G.
*†Munson Mill Machinery Co. (Flour, Corn & Feed Mill)
*Northern Tool Co. (Valves, Gauges, etc.)
*Savage Arms Corp. (Fire Arms, etc.)
*Schrier Walter (Machinists & Elevators)
*Standard Brass Mfg. Co. (Plumbers' Brass Goods)
*Steber Machine Co. (Knitting Machinery)
§Utica Brass Works (Brass Founders)
*Utica Drop Forge & Tool Co. (Forgings, Hardware & Specialties, etc.)
*Utica Fire Alarm Telegraph Co.
*†Utica Heater Co. (Heaters & Furnaces)
*†Utica Steam Engine & Boiler Works (Engines, Boilers & Machinery)
§Utica Valve & Fixture Co.

VERNON—*†Pohl Geo. D. Mfg. Co. (Gasoline Engines, etc.)
VOORHEESVILLE — †Bloomingdale F. (Iron Fdry.)
*†§Phoenix Foundry Co.
WALDEN—†§*Rider-Ericsson Engine Co.
WALTON—†§*U. S. Brake Shoe Co. Walton Foundry Co.
WARSAW—*†§Warsaw Elevator Co.
See adv index at end of book
*†§Warsaw-Wilkinson Co. (Ensilage Cutters, etc.)
WARWICK—*Richardson H. W. & Son
WATERFORD — *†§Eddy Valve Co (Valves, Fire Hydrants, etc.)
*Miller H. C. (Collar & Cuff Machines)
*Parker A. A. (Pumps, etc.)
WATERTOWN—*Babcock H. H. Co. (Auto Cars)
*†§Bagley & Sewall Co. (Iron Fdrs. & Paper & Pulp Machy.)
§Bragger J. J.
*Harmon C. A. & Son
*†Harmon Machine Co.
*†Lance Geo. A.
*Lawrence & Hill
*†Massey Machine Co. (Steam Engine & Turbine Governors)
*†§New York Air Brake Co. (Air Brakes & R. R. Appliances) (See New York City)
*Stebbins Eng. & Mfg. Co. (Mill Machinery)
§Tinlik E. W.
*Watertown Specialty Co. (Cocks, Valves, etc.)
*§Wise J. B. Inc. (Plumbers' Goods, etc.)

WATERVILLE—*Daniels Samuel A.
*†Waterville Fdry. & Mfg. Co. (Paint Grinding & Mixing Machy.)
WATERVLIET—†Covert Mfg. Co. (See Troy, N. Y.)
§Meneely Geo. R. & Son (Car Bearings)
*§Meneely & Co. (Bell Fdrs.)
*Standard Meter Co. (Water Meters etc.)
†*West Side Fdry. Co.
WATKINS—†§*Frost C. S. & C. H.
WAYLAND—†§*Kiel J. F.
WEBSTER—*Jennings E. M.
WEEDSPORT—*Burritt O. W. & Bro (Machine Tools, etc.)
WELLSVILLE—*†§Clark & Norton Mfg Co. (Engines, etc.)
*Kerr Turbine Co. (Steam Turbines)
*†§McEwen Bros. (Inc.)
WEST COXSACKIE—†Walther Bros.
WESTMORELAND—†Westmoreland Malleable Iron Co. (Ltd.)
WHITESBORO—†*Utica Heater Co.
WILLIAMSON—*Fuller & Cooper (Spraying Machines, etc.)
YONKERS—*†§Allen David E. (Iron Fdry.)
*Danner Adam Co. (Machinist)
*Morris Thos. Jr. (Est. of) (Machinist)
*†§Otis Elevator Co. (See New York City)
*†Saunders' D. Sons (Inc.) (Pipe Cutting & Threading Machines)
*Skinner & Connolly (Machinists)
YOUNGSTOWN—*†Ripson Wm. & Son (Iron Fdrs. & Plows, Cultivators, etc.)

NORTH CAROLINA.

ABERDEEN—*†§Hurley W. S.
*†Sharp T. M.
ASHBORO—*†Ashboro Wheelbarrow Co.
ASHEVILLE—*†§Asheville Supply & Fdry Co.
†§*Carolina Machy. Co.
†Lord W. H.
AURORA—*Cherry Implement Co. (Ag'l Implements)
BURLINGTON—*†Cates Machine Work (Dye Machy., Castings, etc.)
†§*Sykes Bros.
CARDENAS—*Wake Machine Works
CHARLOTTE—†Charlotte Pipe & Foundry Co. (Cast Iron Pipe, etc.)
*†Cole Mfg. Co. (Cotton Planters)
†§Hackett J. Fdry. Co.
*Jarrell W. G. Machine Co.
*†§Liddell Co. (Cotton Ginning Machines, Steam Engines, etc.)
*§Mecklenburg Iron Works (Saw Mill & Mining Machinery, etc.)
*†§Moffatt Machinery Mfg. Co. (Pumps, Elevators, etc.)
*†§Park Mfg. Co. (Belt & Power Elevators, etc)
*Whitted T. B.
CONCORD—*†§Concord Foundry & Machine Works Co.
DUNN—*†§McKay J. A. Mfg. Co. (Machinists & Iron & Brass Castings of All Kinds)
DURHAM—*†§Durham Iron Works Co.
*†§Kerr J. T.
*†§North Side Foundry Co.
ELIZABETH CITY—†§Elizabeth City Iron Works & Supply Co.
FAYETTEVILLE — *†§Carolina Machine Co.
†Wards Plow Wks.
GASTONIA—†§*Crocker Mach. & Fdry. Co.
§*Gaston Iron Wks., Warpers, Beamers & Sizing Machy.
GOLDSBORO—*†§Dewey Bros. (Iron Fdrs, etc.)
*†Wayne Agricultural Works (Plows, etc.)
GREENSBORO—*Clymer L. M.
*†Cook-Lewis Foundry Co.
*†Glascock Stove & Mfg. Co. (Stoves & Hollow Ware, Plow Castings, Special Machinery, etc.)
*Newman Machine Co. (Woodworking Machinery, etc.)
*†§Sergeant Mfg. Co. (Fdrs. & Machinists & Ag'l Implts.)
*Wysong & Miles Co. (Woodworking Machines)
GREENVILLE—*Humber R. L. Machine Works
HICKORY — *†§Latta-Martin Pump Co. (Pneumatic Pumps)
*†Piedmont Fdry. & Machine Works
HIGHPOINT—†High Point Metallic Bed Co.
HILDERBRAN—†§*Baily Mach. Co.
JACKSON—*Moore John E.
KINSTON—Kinston Iron & Mantel Wks.
LAURINBURG—*Blue Jno. (Machinist)
LEXINGTON—*†§Thompson's C. M. Sons
MARION—*†§Pangle L. A.
NEWBERN—*†§Craven Foundry & Machinery Co.
†§Gaskins Fdry. Co.
*†§Newbern Iron Works & Supply Co.
NORTH WILKESBORO — †§*Lineberry Fdry. & Mach. Co.
PINETOWN—*†§Parker Surry (Hoisting Engines, Logging Machines)
RALEIGH—*†§Gill J. H. (Iron Fdry.)
*†§Raleigh Iron Works Co.
RUTH—†§*Ruth Mfg. Co.
SALISBURY—†*N. C. Steel & Iron Co.
*†§Thompson P. H.
SANFORD—*†§Moffitt Iron Works Co. (Engines, etc)
SHELBY—*†§Shelby Foundry & Machine Shop
SMITHFIELD—*†§Smithfield Garage & Machine Co.
STATESVILLE—*†§Steele J. C. & Sons (Brick Machy., etc.)
WAKE FOREST—*†Wake Forest Foundry Co. (Plows, Castings, etc.)
WANANISH—*Council Tool Co. (Tools, etc.)
WASHINGTON—†§*Beaufort County Iron Wks., Inc.
WILMINGTON—*†§Cape Fear Machine Works
*†§Wilmington Iron Works
WILSON—†Wainwright Geo. H.
WINSTON SALEM—*†§Briggs-Schaffner & Co.
*†§Carolina Foundry & Machine Co.
*†Forsyth Iron Bed Co.
†Reynolds R. J. Tobacco Co.
*†§Salem Iron Works (Engines, Saw Mills, Coffee & Rice Plantation Machinery, etc.)
*†§Vance J. A. & Co. (Fdrs. & Machinists, Woodworking Machinery, etc.)

NORTH DAKOTA.

CANDO—*†Cando Implement Co. (Agrl. Implements)
FARGO—*Fargo Bridge & Iron Co.
*†§Fargo Foundry Co. (Gasoline Engines, Light & Heavy Castings)
GRAND FORKS—*†§Grand Forks Foundry & Machine Co.
PARK RIVER—*Holland Sam'l
WAHPETON—*†§Richter J. F.

OHIO.

ADDYSTON—*†U. S. Cast Iron Pipe & Fdry. Co. (See New York City)
AKRON—*†Adamson Machine Co. (Rubber Machinery, etc.)
See adv index at end of book
*Akron Cultivator Co. (Agrl. Implts., Cultivators, etc.)
*†Akron Foundry Co. (Machy. Castings, etc.)
*Akron Gear & Engineering Co. (Cut Gears, etc.)
*Akron Rubber Mold & Machine Co. (Rubber Molds, etc.)
*Akron-Selle Co. (Wagon Gears)
†Akron Steel Casting Co.
†Atlantic Foundry Co. (Rubber Mfg. Machinery)
*B. & M. Machine Co.
*Bridgewater Machine Co.
*Budd H. T. (Dies, etc.)
*Burger Iron Co. (Bldrs. Steel Work)
*Burt Mfg. Co. (Oil Filters, etc.)
§City Brass Foundry
†Diamond Fdry. Co.
*Die Sinking & Machine Co.
*Enterprise Mfg. Co. (Metal Specialties & Fishing Tackle, etc.)
*Garl Electric Co. (Annunciators & Telephones & Apparatus)
*Geib E. L. Machine Co.
†Imperial Electric Co. (Dynamos, Generators, etc.)
†Jahant Fdry. Heating Co.
*Kile Mfg. Co. (Sucker Rods)
†Knapp John & Sons Fdry. Co.
*Kuhlke M. D. (Steam Engine Governors)
*†May-Fiebeger Co. (Hot Air Furnaces)
*Nitz & Darkow
*Ornamental Iron Works Co.
*South End Machine Co.
*†Star Drilling Machine Co. (Well Drilling Machinery, etc.)
†Summit Foundry Co.
*†§Taplin-Rice-Clerkin Co. (Stoves, Furnaces, Clay Working Machinery, etc.)
*Wadsworth Core Machine & Equipment Co.
*§Wellman Bronze Co.
*†§Wellman-Seaver-Morgan Co.
*Whitman & Barnes Mfg. Co., Twist Drills, Wrenches, etc.)
See adv index at end of book
*†Williams Foundry & Machine Co. (Hydraulic Presses, Vulcanizers, Friction Clutches, etc.)
See adv index at end of book
*†Wise Furnace Co. (Hot Air Furnaces, etc.)
†Wybel Stove & Chandelier Co. (Gas Stoves)
*†XXth Century Heating & Vent. Co. (Steam Heaters & Hot Air Furnaces)

ALLIANCE—§Alliance Brass & Bronze Co. (Brass Founders)
*Alliance Machine Co. (Cranes, Riveters, Punches, Steam Hammers, Presses, Shears & Rolling Mill Machy.)
*†American Steel Foundries Co. (Open Hearth Castings) (See Chicago, Ill.)
*Bottomley Machine Co. (Jacks, etc.)
*Buckeye Jack Mfg. Co. (Lifting Jacks, etc.)

OHIO—Alliance—continued
*†§MORGAN ENGINEERING CO. (Cranes, Steam Hammers & Hydraulic & Rolling Mill Machy.)
See adv index at end of book
*Reeves Bros. Co. (Boilers, Tanks, etc.)
*Woods Engineering Co. (Tool Grinders, etc.)
AMHERST—†§Rice Tracy J.
ARCANUM—Bluebaugh W. F. (Jobbing)
ASHLAND—*Elite Mfg. Co. (Concrete Mixers, Auto Jacks, etc.)
*Hunter Jas. S.
†§Myers F. E. & Bro. (Pumps & Agrl. Impts, etc.), 800 Orange
See adv index at end of book
*Safety Door Hanger Co. (Door Hangers)
ASHTABULA—*†American Fork & Hoe Co. (See Cleveland, O.)
*†§Barber Mfg. Co. (Furnaces, Hdw. & Plumbers' Specialties & Iron Fdrs., etc.)
*†McKinnon Iron Works Co.
*†§Phoenix Foundry & Machine Co.
ATHENS—*†§Athens Foundry & Machine Co.
*McBee Binder Co. (Loose Leaf Binders)
AVERY—*Hoover Mfg. Co. (Potato Diggers, etc.)
BARBERTON—*†§Babcock & Wilcox Co. (Water Tube Boilers & Castings). (See New York City)
*†§Diamond Match Co.
*†§Pittsburgh Valve & Fittings Co. (Valves, Pipe Fittings & Iron & Brass Castings)
BARNESVILLE—*Hall Geo. D.
*†§Watt Mining Car Wheel Co. (Mine Cars & Wheels, etc.)
BATAVIA—†Batavia Foundry Co.
*Carroll Jamieson Machine Tool Co. (Engine Lathes)
BEDFORD—*†Best Foundry Co.
*§Holmes Wm. G. Bronze Co. (Bronze Work)
BELLAIRE—†Bellaire Stove Co. (Stoves)
*†§Carnegie Steel Co. (Office Pittsburgh, Pa.)
†§Dorer C. L. Fdry. Co.
BELLEFONTAINE — *†Bellefontaine Bridge & Steel Co.
*Bowman Paul G.
*†Hennesey D. R.
†Humphrey Pipe & Foundry Co.
BELLEVUE—*Jeschke Mfg. Co. (Ditching Machines)
*†Ohio Cultivator Co. (Agricultural Implements, etc.)
BEREA—*†Dunham Co. (Road Rollers, etc.)
BIG PRAIRIE—*†§Monitor Sad Iron Co.
BLUFFTON—*Arras Cream Separator Co. (Cream Separators)
*Diller Mfg. Co. (Gas Engines, etc.)
BOWLING GREEN—*Bowling Green Motor Truck Co. (Motor Trucks)
*†Thornburgh Mfg. Co. (Garden Tools, Cultivators, Light & Heavy Grey Iron Castings, etc.)
*†§Universal Machine Co. (Gasoline Motors, Brass & Iron Castings, etc)
BREMEN—*Bremen Mfg. Co. (Pumping Engines, etc.)
*Higbee Tool Co. (Tools, etc.)
BRIDGEPORT—*Hill Thomas
BRYAN—*†Bryan Plow Co. (Plows, Harrows, etc.)
*Woodward Edwin
BUCYRUS—*†§American Clay Machinery Co. (Clay Working Machinery & Castings), S Walnut
*†Carroll Foundry & Machine Co. (Basic Open Hearth Castings)
Locomotive Crane Co. (Cranes, etc.)
See adv index at end of book
*New York Blower Co. (Blowers, Exhausters, Fans, Steam Engines, etc.). (See Chicago, Ill.)
†*Ohio Steel Fdry. Co.
*Ryder Brass Foundry Co. (Brass & Bronze Castings, etc.)
*†Shunk Plow Co. (Agrl. Implements, Plows, Cultivators, etc.)
CADIZ—*Chisholm-Scott Co. (Pea Hulling Machinery, etc.)
*Scott Bros. (Hardware Specialties)
*Scott C. S.
*Ward W. G. (Machinist)
CANAL DOVER—†*Dover Mfg. Co.
†*Wagner Bros.
CANAL FULTON—*Fulton Pitt Car Co. (Mine Cars & Wheels)
*Fulton Tool Works
CANTON—Advance Dairy Machy. Co.
*†Alliance Foundry Co. (Grey Iron Castings)
American Forge & Machine Co. (Wrenches)
*†American Sheet & Tin Plate Co. Roll & Machine Works (Rolling Mill Machy.)
Arctic Ice Mach. Co.
*§Balm Mfg. Co. (Brass Goods & Castings, etc.)
*§Best Light Co. (Incandescent & Vapor Gas Lamp Burners, Aluminum & Brass Castings, etc.), 477 Second N E
*†Bonnot Company (Brick, Clay Working & Cement Machy., etc.)
*†Bucher & Gibbs Plow Co. (Agrl. Implts., Plows & Cultivators)
Callaghan & Laubacher Mach. Co.
*Callaghan Machine & Die Co.
Canton Auto Parts Mfg. Co.
*§Canton Brass Fdry. Co. (Aluminum, Brass & Bronze Castings)
*Canton Bridge Co. (Bridges, etc.)
*Canton Drop Forging & Mfg. Co. (Drop Forgings & Machinists)
*†Canton Foundry & Machine Co. (Sheet Metal Working Machy., Castings, etc.)
†Canton Malleable Iron Co.
†Canton Sash Weight Co.
*†Canton Steel Foundry Co. (Steel Castings)
†Columbia Iron & Wire Works Co.
§*D. C. Mfg. Co.
*†Dick Jos. Mfg. Co. (Agricultural Implements)
*§Diebold Safe & Lock Co. (Bank Vaults, Safes, etc.)
*Dillon Elec. Grinder Co.
*Dueber Watch Case Mfg. Co. (Watch Cases, etc.)
*†§Elbel Co. (Saddlery Hdw. & Castings)
*Engine & Machinery Co.
*§Frankham Wm. Brass & Bronze Co.
*Gibbs Mfg. Co. (Hardware Specialties)
†Gilliam Co.
*Hampden Watch Co. (Watch Mfrs., etc.)
*Hercules Motor Mfg. Co.
Holmes Automobile Co.
*Hurst H. L. Mfg. Co. (Spray Pumps)
†Kelly-Cohen Fdry. Co.
*Knight Mfg. Co. (Saw Mill Machy., etc.)
*Kohler F. E. Co. (Garden Tools & Hardware)
*†McLain J. H. Co. (Heating Apparatus, etc.)
*Miller C. Brownlow
*Miller Pasteurizing Machine Co. (Pasteurizing Machines, etc.)
*Ney Mfg. Co. (Haying Tools, Carriers, etc.)
*Pittsburgh Pneumatic Co.)Pneumatic
*†§Standard Parts Co. (Axles, etc.)
See adv index at end of book
Tools, etc.)
*§Sun Vapor & Gas Street Light Co. (Incandescent & Vapor Street Lamps, etc.)
*Swineford G. A. Co. (Haying Tools, etc.)
*Thomas-Peter Co.
Thompson Mach. Co.
*Timken Roller Bearing Co. (Roller Bearings for Vehicles, etc.)
*†United Engineering & Foundry Co.
*Wagener Steam Pump Co. (Steam Pumps, etc.)
†*Weber Dental Mfg. Co.
†Widder F. E. Co.
*Whiteman Mfg. Co. (Tumbler Washers, etc.)
CARTHAGE—(See Cincinnati, O.)
CELINA—*Celina Mfg. Co. (Windmills, Pumps, etc.)
*†§Celina Machine Works
CHAGRIN FALLS—*†Falls Foundry Co.
*†Ober Mfg. Co. (Woodworking Machy., etc.)
†Falls Foundry (Iron Castings)
CHICAGO JCT—†§*Chicago Mfg. Co.
CHILLICOTHE — *Buser-Poston Tufting Machine Co.
*Deschler August (Machinist)
*Deweese F. M. & Co. (Lifting Jacks, etc.)
*Houser O. E.
*†Young John
CINCINNATI—*Acme Machine Tool Co. (Machine Tools, etc.)
*Advance Tool Co., Canal & Jackson
*Ahrens-Fox Fire Engine Co. (Steam Fire Engines & Pumps)
*Alpine Safe & Lock Co., 911 Freeman av
*†American Laundry Machinery Co. (Laundry Machy., etc.)
§*American Smelting & Refining Co.
*American Tool Works Co. (Machine Tools, Lathes, Planers, Shapers, Drills, etc.)
*§American Valve & Meter Co. (Water Cranes, R. R. Switches, Valves & Castings)
§Anchor Brass & Aluminum Co.
*Andrew M. L. & Co.
*†Bahmann Iron Works Co. (Sugar, Coffee & Rice Plantation Machinery, etc.)
†Bardes E. H. Range & Foundry Co. (Grey Iron Castings, Stoves, etc.)
*Barnes Chas. Co., 55 Main
*†Baum J. Safe & Lock Co. (Safes), 617 E Front
Benz Adam & Son (Engineers, Machinists & Millwrights) Machinists Bank & Central
*Berghausen Machine Co., 2128 Colerain av
*†Blymyer Iron Works Co. (Iron Fdrs., Sugar, Coffee & Rice Plantation Machy.)
†Bollmann Wilson Foundry Co., 506 E Front
*§Bourbon Copper & Brass Works (Fire Hydrants, Stop Valves, Extension Valve Boxes & Iron & Brass Fdrs., etc.)
*Boye & Emmes Machine Tool Co. (Machine Tools, etc.)
*Bradford Machine Tool Co. (Machine Tools, Engine Lathes, etc.)
†Bruce Jno. J. Foundry Co. (Iron Fdrs., Machine Tools, etc.), 2421 Colerain av
*†Buckeye Foundry Co. (Iron Fdrs. Machinery Castings, etc.), Queen City av & Buck
*Buob & Scheu (Machinsts), 216 Webster
*Burton Range Co. (Steel Ranges), 7th & Sycamore
*Carlisle & Finch Co. (Searchlights & Motors, etc.), 229 E Clifton av
*Carlton Machine Tool Co. (Machine Tools)
*Century Co., Winton pl.
*Champion Tool Works Co. (Lathes, etc.), 4955 Spring Grove av
*Cincinnati Ball Crank Co. (Machine Handles, Ball Crank), N. Oakley
*†Cincinnati Bell Foundry Co. (Bell Fdrs., etc.), 2933 Spring Grove av
*§Cincinnati Car Co. (Electric Car Builders), Spring Grove & Mitchell av.
*Cincinnati Coffin Co. (Caskets & Hdw.), Richmond, Carr & Fillmore
*Cincinnati Electrical Tool Co. (Electric Drills & Grinders)
*Cincinnati Elevator Works (Elevators, etc.), 212 W 2d
†Cincinnatii Fdry. Co.
*Cincinnati Frog & Switch Co. (Frogs, Switches, etc.)
See adv index at end of book
*Cincinnati Gear Co. (Gears, etc.), 1815 Reading rd
*Cincinnati Grinder Co. (Universal Grinders, etc.), Colerain & Alabama
*Cincinnati Lathe & Tool Co. (Machine Tools, etc.), North Oakley
*Cincinnati Metal Refining Co.
*§Cincinnati Mfg. Co. (Brass & Bronze Fdrs. & Ornamental Iron, Brass & Bronze Works)
See adv index at end of book
*Cincinnati Milling Machine Co. (Machine Tools, etc.)
*Cincinnati Planer Co. (Machine Tools)
Cincinnati Pulley Machinery Co.
*Cincinnati Screw Co., Mercantile Library bldg
*Cincinnati Shaper Co. (Machine Tools, etc.), Elam & Garrard
†Cincinnati Steel Castings Co. (Steel Castings), Queen City & Spring Grove avs

*Clifton Motor Works (Gasoline Engines), 229 E Clifton av
*Cluthe G. Co. (Edge Tools & Hdw. Specialties), 28 E Court
*Columbia Iron Works (Bldrs.' Iron Work), 721 Reading rd.
*Consolidated Time Lock Co. (Time Locks, etc.), 2268 Spring Grove
*Conway & Co. (Pulleys, etc.), 2507 Beekman
*Crane & Breed Mfg. Co. (Metallic Burial Cases, etc.), 1227 W 8th
Crescent Tool Co. (Special), 1761 Reading
*Curran Jas. H. Elevator Co. (Elevators), 114 W 2nd
*†§Day J. H. Co. (Laboratory & Pulverizing Machinery, etc.)
§Deckebach F. C. Sons Co. (Brass Fdrs. & Finishers), 123 W Court
*§Douglas Jno. Co. (Plumbing Goods), Carthage
*Dreses Machine Tool Co. (Machine Tools, etc.)
*Eagle Mfg. Co. (Special Machy.), Blue Rock & Turrill
*§Edna Brass Mfg. Co. (Car & Motor Brasses & Castings)
*§Electric Railway Equipment Co.
†Elmwood Castings Co. (Grey Iron Castings, etc.), Murray rd
*§Enterprise Brass & Plating Co. (Carriage Mountings, Brass Finishers & Platers, etc.), 6th & Baymiller
†*Erhart, Estate of Chris.
*§Eureka Brass Works (Brass Valves, Unions, etc.), 1040 Hulbert av
*†Fay J. A. & Egan Co. (Woodworking Machy., etc.)
§Fewlass Leen Brass & Iron Co. (Brass Fdrs. & Finishers), 610 E Front
Fischer Special Mfg. Co., 2076 Reading rd.
*Fosdick Machine Tool Co. (Machine Tools)
*Freeman Louis G. Co. (Shoe Machy.), 210 E 9th
*Frisbie Engine & Machine Co. (Engines, etc.), 33 E Water
Globe Brass Foundry, 60 Elm
Gordon Machine Co., 650 Evans
*†Gray G. A. Co. (Machine Tools)
*Greaves, Klusman Tool Co. (Machine Tools & Woodworking Machy)
*†Grossius Jno. Furnace Co. (Warm Air Furnaces, Heaters, etc.), 318 E 8th
*Hall Safe Co. (Safes & Bank Vaults), 3253 Spring Grove av.
See adv index at end of book
*†Hammond Heating Co. (Hot Air Furnaces, Heating & Ventilating, etc.), 130 E Pearl
*Hardisty & Co. (Augers, Machine Knives, etc.), Garland, Linwood
*†§Haven Malleable Castings Co. (Malleable Iron Fdrs. & Carriage Hdw.)
*Hempelman & Hector (Special Machinery, etc.), 120 Longworth
*Hilbert Machine Co. (Machine Tools), 2116 Colerain av
*Hisey-Wolf Machine Co. (Machine Tool Grinders, Drills, etc.)
Homan & Co. (Candle Moulding Machinery, etc.)
*†Houston, Stanwood & Gamble Co. 3rd & Philadelphia
†Huenefeld Co. (Steel Ranges, etc.)
*Ideal Concrete Machinery Co. (Concrete Block Machinery), 1346 Monmouth av
*Ideal Machine & Tool Co., 128 Opera pl.
*§Incandescent Light & Stove Co., Marburger av & B. & O. R. R., Oakley
*International Harness Machinery Co. (Harness & Leather Working Machinery), 708 B'way
*Johnston Robt. C. & Co. (Machinists & Engineers), 620 Lodge
*Johnston Wm. T. Co., 3d & Vine
Kammen Walter, 3258 Spring Grove av.
*Keene Geo. C. & Co. (Sheet Metal Workers' Machinery & Tools), 2327 Florence av
*Kiefer Karl Machine Co. (Filter Presses, etc.), 919 Martin
*King Machine Tool Co. (Machine Tools), Clifton av. & B. & O. & S. W. R. R.
*Kingery Mfg. Co. (Confectioners' Machinery, etc.), 420 E Pearl
*Kinsey E. A. Co., 331 W 4th
§Kinsley J. R. (Brass Fdrs.), 115 E 6th
§Kirkup Robt. & Co. (Plumbers' Brass Goods, etc.), 616 Lodge
†Klaine F. A. Co., Front & Central
*Koenigkramer F. & F., 1914 Western av
*Kuehnle Jno. & Son (Edge Tools, Machinists' Bits & Cutters for Woodworking Machinery), 2110 Coleraine
*†§Laidlaw-Dunn-Gordon Co. (Pumping Engines & Machinery, etc.)
*†Lane & Bodley Co. (Air & Gas Compressors, Corliss & Slide Valve Engines, etc.), Tennessee av & Paddock rd
*Le Blond R. K. Machine Tool Co. (Machine Tools, etc.)
Limberg Fdry. & Enameling Wks., Florence av
*Lodge & Shipley Machine Tool Co. (Machine Tools, etc.)
*†§LUNKENHEIMER CO. (Brass & Iron Fdrs., Steam, Water & Engineering Specialties), Executive Offices & Factories, Waverly & Beekman
See adv index at end of book
*McFarlan & Spilker Mfg. Co. (Picture Frame Machy., etc.), Colerain & Dorman
§McGowan Jno. H. Co. (Pumping & Tobacco Machy. & Brass & Iron Fdrs., etc.), 52 Central av
*MacLeod Co. (Paint Spraying Machines, Air Compressors, etc.)
See adv index at end of book
§Messmer Andrew Co. (Brass Fdrs. & Finishers), Patterson nr. Bank
*Metzger J. Mfg. Co. (Machinists), 2165 McLean av
*Miller, Du Brul & Peters Mfg. Co. (Cigar & Cigarette Machy., etc.), 507 E Pearl
†Miller Wm. Range & Furnace Co. (Ranges, Furnaces, etc.), 7th & B'way
†Modern Foundry Co., 4601 Marburg
*Monarch Tool Co. (Tool Dies, etc.), Murdock bldg
*†§Monitor Stove & Range Co. (Stoves, Ranges, etc.), C. H. & D. Ry. nr. Gest
*†Morris Jno. B. Foundry Co., Court & Harriet
*†Mowrey Car Wheel Works Co. (Grey Iron Castings, Brake Shoes, etc.)
*Muehlmatt Adolph (Tools, etc.), Lion bldg
*Mueller Machine Tool Co. (Machine Tools, Radial Drills, etc.), 2427 Colerain av
*§Murdock Mfg. & Supply Co., 426 Plum
§National Brass Mfg. Co. (Furniture & Hearse Trimmings, etc.)
*National Elevator Co. (Elevators, etc.), 124 Longworth
*National Machine Tool Co. (Key-Seating Machines & Milling Tools)
*Neibling F. W. Co. (Ice Machines & Fittings), Highland av, Norwood
*Neil & Smith Electric Tool Co. (Electric Drills & Grinders), 120 E. 6th
*†§Newman & Co., 717 Sycamore
See adv index at end of book
*§Nichol Thos. J. & Co. (Brass Fdrs. & Finishers' Plumber Goods), Pearl & Ludlow
*Nunning Frank & Son (Machinists, etc.), 215 W. 2d
*†Oakley Machine Tool Co., Oakley
†Oberhelman J. A. Foundry Co.
*Oesterlein Machine Co. (Machine Tools, etc.),
Ohio Brass & Copper Co., 412 Elm
*Ohio Knife Co. (Machine Knives, etc.)
§Ohio Pattern Works (Brass Castings, etc.), 2730 Spring Grove av
*§Pfau Mfg. Co. (Plumbing Supplies), Mentor & Huston, Norwood
Pfister Wm. H. (Engineering & Surveying Instruments, etc.), 230 W 4th
*Post-Glover Electric Co. (Electric & Elec. Railway Specialties), 308 W. 4th
*§Powell Wm. Co. (Steam Engineering Specialties & Brass Fdrs.)
Printing Machinery Co., 3rd & Lock
*§Queen City Brass & Iron Works (Brass)
†*Queen City Fdry. Co.
*Queen City Machine Tool Co. (Machine Tools), 1405 Sycamore
*Rahn-Larmon Co. (Machine Tools, etc.)
*Randall J. D. Co. (Harness & Horse Collar Machinery), 610 W Court
*†§Randle Machinery Co. (All Kinds of New & Second Hand Rebuilt Machinery), C. H. & D. Ry. & Powers, Cumville
*Rechtin Louis E. & Bro. (Woodworking Machinery), 215 Butler
*Reedy H. J. Co. Inc. (Elevators, etc.), 15 W 2d
*Rich Pump Co. (Pumps, etc.), South & Depot
*§Richter & Co. (Plumbers' Brass Goods), 210 E 9th
*Robinson J. M. Mfg. Co. (Sheet Metal Workers' Machines & Tools)
*Ross-Moyer Mfg. Co. (Harness Machinery)
*Schacht G. A. Motor Truck Co. (Machinery Specialties), Gest & Evans
*Schellenbach-Hunt Tool Co. (Reamers, etc.), Murdock bldg
*†§Schreiber L. & Sons Co. (Structural Iron & Steel Work, etc.), 3860 Ivanhoe
*Shriver O. P. & Co. (Hardware, etc.), 621 E Pearl
§Schroder J. B. & Co. (Builders' Hardware, etc.), 133 E 5th
*Shepard Lathe Co. (Machine Tools), Canal & Jackson
*Sicking Barnard, 1931 Freeman av
Simmons W. H. & Co. (Machinists), 208 Lawrence
*Simpson-Orville Co. (Flour Mill Machinery)
*Smith, Myers & Schnier (Saw Mill Machy., etc.), 621 W Front
*†Stacey Mfg. Co. (Bldrs. Iron Work, Bench Castings, etc.), Big Four R. R. & Township av, Elmwood
*Standard Die Co. (Cutting Dies, etc.), 1019 Vine
*Standard Parts Co., Hess Plant (See Cleveland)
*†§Standard Pulley Co., 1734 Powers
Steel Forgings Co., Oakleaf
*Steptoe Jno. Co. (Shaping Machines, etc.), 2951 Colerain av
*Stewart Iron Works Co. (Jail & Cell Work, Iron Work, etc.)
*Stuebing Automatic Machine Co., 308 Walnut
*Tatum Sam'l C. Co. (Binders & Printing Machinery)
Thompson Spot Welder Co. (Welding Machines)
*Tool Steel Gear & Pinion Co. (Gears & Pinions), Township av. & Elmwood pl
*Towsley Jno. T. Mfg. Co. (Woodworking Machinery, etc.), Evans, N of Gest
*§Triumph Electric Co. (Dynamos, Motors, Generators, Brass & Bronze Castings, etc.), Oakley
See adv index at end of book
*Triumph Ice Machine Co. (Ice Machines, Cranes, etc.), Oakley
*Triumph Mfg. Co. (Bakers' Machinery)
*Tucker Machine Co. (A. P. Tucker, Prop.), (Tool Grinders, etc.), 222 E 9th
*United States Electrical Tool Co. (Electric Portable Hand Drills & Grinders)
United States Lathe & Mach. Co.
*§Van Duzen E. W. Co. (Pumps, Bell Fdrs, Gongs & Brass Castings), 428 E 2d
*Verdin, Kappes & Verdin Co. (Sheet Metal Working Machinery)
*§Victor Safe & Lock Co. (Safes, Bank Vaults, etc.), Cleneay av & N. & W. Belt Line, Norwood
*WARNER ELEVATOR MFG. CO. (Electric & Hydraulic Elevators), Spring Grove av, Alfred & Valley
See adv index at end of book
*Watkins Motor Co. (Gas & Gasoline Engines, Laundry Machinery, etc.), 828 W 6th
*†Weir Frog Co. (Frogs, Switches, Crossings, etc.)
†Wessling Bros. Foundry Co., Liberty & McLean

OHIO—Cincinnati—continued
*Western Automatic Machine Co. (Slot Machines), 34 E Court
*Wilberding, Brandewiede & Co., 110 W Court
Willard Press & Tool Co.
§Williams D. T. Valve Co. (Valves, Steam Traps, Steam Separators, etc.)
*†§Williamson Foundry Co., Marburg av, Oakley
*†Williamson Heater Co. (Iron Fdrs), 339 W 5th
*Wolf Electrical Promoting Co. (Cloth Cutting Machinery), 5th & Sycamore

CIRCLEVILLE—*†Haswell Steel Range & Furnace Co. (Stoves, Ranges, etc.)
*Lutz J. H. (Light & Specialty Machinery, etc.)

CLEVELAND—§A. B. C. Castings Co. (Aluminum Castings, etc.), 6515 Carnegie av
Accurate Machine Co., 1071 Power av
†Acme Foundry Co. (Fine Light & Medium Grey Iron Castings), 5217 Sweeney av
*Acme Machinery Co. (Bolt, Nut & Rivet Machinery)
*Adams-Bagnall Electric Co. (Arc Lamps, etc.)
*Advance Engineering Co., Metta av
*§Aetna Brass Mfg. Co., 1631 E 55th
*Ajax Mfg. Co. (Bolt & Nut Machy)
*Allen Machine Co. (Tapping Machines, etc.)
†*Allyne-Ryan Fdry. Co.
*Aluminum Castings Co. (Brass Founders, Aluminum, Brass & Bronze Castings)
§American Brass Mfg. Co. (Brass Finishers, etc.), 1521 E 49th
*†**American Fork & Hoe Co.** (Forks, Hoes, etc.)
†American Multigraph Sales Co., 1832 E 40th
†**American Range & Foundry Co.** (Stoves, Ranges, Castings, etc.)
*†§American Ship Building Co. (Ships, Engines, etc.), ft. of W 54th
*†§American Steel & Wire Co., Western Reserve bldg. (See Chicago).
See adv index at end of book
*†American Stove Co. (Steel Ranges & Gas, Gasoline & Oil Stoves), 178 E 40th. (See St. Louis, Mo.)
*Ames Bag Machine Co., 5606 Euclid av
*Anderson Rolled Gear Co. (Rolled Gears, etc.)
***ANDERSON V. D. CO.** (Cylinder Dryers, Filters, Presses, Traps, etc.), W 96th
See adv index at end of book
§Arth Brass Aluminum Casting Co.
†Atlantic Foundry Co. (Iron Fdrs, etc.), Morgan av & Groton
*§Atlas Brass Mfg. Co. (Plumbers' Specialties), 332 Lakeside av, N W
†Atlas Fdry. Co.
†Auto Castings Co., Scranton rd
*Automatic Stamping & Machine Co., 7803 Madison
Automobile Screw Products Co.
*Bardons & Oliver (Machine Tools, Turret Machines, etc.)
***BARTLETT C. O. & SNOW CO.** (Elevators, Conveyors, Dryers, Crushers, etc.), French
*Benson A. M. & Co. (Barrel & Stave Machinery)
*§Bishop-Babcock-Becker Co. (Brass Founders, Pumps, Soda Fountains, Bottlers Machinery, etc.)
*Bloomquist-Eck Machine Co., 1146 E 152nd (Special)
*Bloomquist-Eck Machine & Mfg. Co., 205 St. Clair av, N. E.
*Bollinger & Rieley Machine Co.
*Boom Boiler & Welding Co., 1615 Merivin av
*†§Born Steel Range Co. (Steel Ranges & Cooking Apparatus), 3945 W 25th
*†Bowler Foundry Co. (Iron Founders), 1688 Columbus
*Brierly Machine Co., 1736 E 22d
*Brightman Furnace Co. (Power Transmitting Machinery)
*Brightman Machine Co. (Power Transmittiing Machinery)
†Broadway Fdry. Co.
†Brooks T. H. & Co. (Iron Founders' & Builders' Iron Works)
†Brookside Brass Fdy. & Mfg. Co., 2315 Selzer av S W (Plumbers supplies)
*†Brown Hoisting Machinery Co. (Coal & Ore Handling Machy., etc.), 4403 St. Clair, N E.
Browning Co. (Cranes, etc.), E 162nd & Waterloo rd., N E
*Browning Victor R. & Co., 17701 Lake Shore blvd
See adv index at end of book
*Bruce-Macbeth Engine Co. (Gas Engines)
§Buckeye Brass & Mfg. Co. (Brass Founders & Finishers), 1807 Columbus rd
*Bultman F. H. Co. (Gear Cutting Machines, etc.)
*Burton & Johnson Co. (Pumps, Engines, etc.), 2301 Center av
*Cady Machine Co.
*Carl Max J. Machine Co. (Jobbing), 314 Superior av, N. W.
*Carter, Wm. D.
*§Central Brass Mfg. Co. (Brass Fdrs. & Finishers, Plumbing Goods), 6206 Cedar
*Champion Machine & Forging Co. (Forgings), 3690 E 78th
See adv index at end of book
*Champion Stove So. (Stoves, etc.), 4001 W 25th
*†Chandler & Price Co. (Printing Presses & Machy.)
*Chase Machine Co. (Engines, etc.)
***§CHICAGO PNEUMATIC TOOL CO.** (Pneumatic Tools), E 49th & Lakeside (see Chicago, Ill.)
See adv index at end of book
*†§Chisholm & Moore Mfg. Co. (Castings, Chain Hoists, etc.), 5046 Lakeside av N E
*City Brass Foundry Co. (Brass & Composition Castings), 5318 St. Clair av
*City Foundry Co. (Grey Iron & Semi-Steel Castings)
*City Machine Co. (Special Machy. & Macaroni Machy.)
*Cleveland Aluminum Casting Co. (Aluminum, etc.), 905 Addison rd
*Cleveland Armature Works (Dynamos & Motors, Armatures, etc.), 4732 St. Clair av
See adv index at end of book
*Cleveland Automatic Machine Co. (Machine Tools)
*Cleveland Block Co. (Malleable Iron Tackle Blocks), 1173 W 11th
*§Cleveland Brass Mfg. Co., 4606 Hamilton
§Cleveland Brass Works
*Cleveland City Forge & Iron Co.
†Cleveland Co-operative Stove Co. (Stoves), 2323 E 67th
*Cleveland Die & Mfg. Co. (Dies, etc.), 748 E 82nd
†Cleveland Electro Metals Co. (Aluminum Ingots), 2397 W 38th
*Cleveland Enterprise Tool Co.
*§Cleveland Faucet Co. (Faucets, Air Compressors, Pumps, etc.)
*Cleveland Folding Machine Co.
*Cleveland Frog & Crossing Co. (R. R. Frogs, etc.)
*Cleveland Gas Meter Co. (Mfrs.)
*Cleveland Hardware Co. (Hardware)
*Cleveland Knife & Forge Co., 1960 W 114th
See adv index at end of book
*Cleveland Lock Works (Locks, Hardware Specialties, etc.)
*Cleveland Machine Tool Works (Machine Tools)
*Cleveland Machine & Mfg. Co. (Rolling Mill Work & Forgings)
*Cleveland Metal Products Co. (Oil Stoves), Platt av & C. & P. R. R.
Cleveland Metal Stamping Co.
*Cleveland Milling Machine Co., 18511 Euclid av
Cleveland Motor Devices, 5269 Prospect av
*†Cleveland Planer Works (Machine Tools, etc.)
*Cleveland Pneumatic Tool Co., 3734 E 78th (Pneumatic Tools)
*Cleveland Punch & Shear Works Co. (Punching & Shearing Machinery, Grey Iron Castings, etc.), 3921 St. Clair av, N E
*Cleveland Specialty & Mfg. Co.
*†Cleveland Steel Casting Co.
*Cleveland Steel Range Co. (Steel Ranges, etc.), 2900 Detroit av
*Cleveland Tractor Co., Euclid & Lamb av
*Cleveland Twist Drill Co. (Twist Drills, Reamers, etc.), 1 E 49th
*Cleveland Welding & Mfg. Co., W 117th & Berea rd
*Clough & Witt Machine Co. (barrel machy.), 1740 Columbus rd
*§Cochrane John A. Brass Mfg. Co. (Brass Goods, etc.), 1403 E 40th
*Collamer Machine Works, 1214 E 152nd
Collinwood Foundry, 17004 Waterloo rd
*†Columbian Hardware Co. (Hdwe & Specialties)
*Cooper Spring Co (Carriage Springs, etc.)
Cowles Tool Co., 2086 W 110th
§Crescent Brass Mfg. Co. (Brass, Copper, Aluminum, Zinc & Steel Spinning Fixture Parts, etc.)
†Crucible Steel Casting Co. (Steel Castings)
*Cummer F. D. & Son Co. (Asphalt, Brick Machy., etc.), Superior Arcade *See adv index at end of book*
*Cuyahoga Stamping & Machine Co., 1067 E 152nd
Cuyahoga Tool Co. (Tractor Parts), E 103rd & Harvard
*D. & L. Machine & Mfg. Co., 1529 E 49th
*Darling Machine Co., 2110 Superior av, N W
*§Daykin Bros. (Pumps), 1606 W 25th
*Deamude Machine Co., 1591 Columbus rd
*De Mooy Machine Co. (Gas Engines, etc.), 706 Frankfort
*Dickey-Grabler Works, 118 Noble Ct.
*Diebold Products Co., 5333 St. Clair
Dill Mfg. Co., 686 E 82d
*Duplex Hanger Co. (Joist Hangers), E 53rd & Lakeside av
*Dyer Co. (Sugar Machinery)
*East Shore Machine Products Co., E 140th & Aspinwell av
*†Eberhard Mfg. Co. (Saddlery Hdw. & Specialties)
†Economy Stove Co. (Gas Ranges, etc.)
*Edmonds Elevator Co. (Elevators)
*Elliott Electric Co. (Electrical Machinery), 328 Champlain av, N W
*Elwell-Parker Electric Co. (Electric Industrial Trucks)
*§Empire Brass Mfg. Co. (Brass Fdrs. & Furnishers, Plumbers' Goods)
*Empire Plow Co. (Agricultural Implements, etc.)
*Eureka Machine Co. (Brewers' & Maltsters' Machinery)
*Evers Iron Works (Special Machy.), 1569 Merwin N W
Fairmount Tool & Forging Co., 10585 Quincy av
†*Fanner Mfg. Co.
*§Farnan Brass Works Co. (Brass Fdrs. & Finishers, Steam & Plumbing Goods), 1105 Center
†Ferro Machine & Foundry Co. (Grey Iron Castings for Automobiles, Trucks & Tractors), E 66th & Hubbard av
*†Ferrosteel Co. (Hot Air Registers, etc.), 425 Prospect av N W
*Fitzsimons & Co. (Polished Steel Shafting, etc.), 2469 B'way S E
*Fix's S. Sons (Steam Flue Welding, etc.), Leonard & Winter
*Foley Wardwell Co.
*Foote-Burt Co. (Machine Tools)
†Forest City Fdy. & Mfg. Co. (Hot Air Furnaces, Grey Iron Castings, etc.), 2202 Elm av
*Forest City Machine & Forge Co., 5101 Lakeside av, N E
*Franke H. Steel Range Co. (Steel Ranges, etc.)
*Frantz Premier Co. (Vacuum Cleaners)
*§Fulton Foundry Co. (Grey Iron Castings), 1209 Marquette
*Gardner-Bryan Co., Williamson bldg

*Gardner Electric Drill & Machinery Co.
§Gas Fixture & Brass Co.
*Gas Machinery Co., 1900 Euclid av. Works: Collinwood, O.
*Geier P. A. Co. (Special Machy., etc.)
§General Bronze Fdry. Co.
*Gerlach Peter Co. (Pail, Keg, Barrel & Shingle Mill Machy., etc.), 1712 Winter
*§Glauber Brass Mfg. Co. (Brass Fdrs. & Finishers, Plumbing Goods), 49th & Superior av
§Globe Brass Mfg. Co. (Brass Goods & Finishers), 5532 Perkins ct, N E
*Globe Machine & Stamping Co. (Special Machy. & Parts), 1250 W 76th
*Goby Engine Co. (Gasoline Engines)
*†Grabler Mfg. Co. (Grey & Malleable Iron Castings, Plumbers' Specialties, etc.)
*Grant-Lees Gear Co. (Auto Gear Transmission), 2367 E 69th
Hahn Mfg. Co., 5332 Hamilton av
*Harris Automatic Press Co. (Printing Presses)
§Harsch John Co
*Hart Mfg. Co. (Pipe Cutting & Threading Machines)
*Hartz Henry V. Co. (Special Machy., etc.)
*†§Hill Clutch Co. (Power Transmitting Machinery, also Special Machinery, etc.), 1000 W 58th
§Hoffman Bronze & Aluminum Castings Co., 1000 Addison rd
*Hohlfelder F. Co. (Hdw. Specialties, Metal Beds, etc.), 1197 W 67th
*Homer Commutator Co. (Commutators & Machinists), 4748 Hough av N E
*Horning Electric Mfg. Co. (Electric Blowers & Exhausters)
*Horsburgh & Scott Co. (Gears), 5114 Hamilton av, N E
†Horvath Geo.
Hunger H. J. Brass Wks.
*Hunger & Scheidegger (Brass Fdrs.)
*Hunt & Dorman Mfg. Co. (Tin, Sheet Iron, Brass & Copper Work, etc), 1600 E 24th
§Ideal Bronze Co. (Brass & Comp. Castings, etc), 1265 E 55th
*Ideal-Peerless Mfg. Co. (Package Washing Machines, etc)
†§*Iler Co.
*Iler Foundry & Mfg. Co., 694 E 82d
*Imperial Steel Range Co. (Steel Ranges, etc.), 2900 Detroit av
*Independent Register & Mfg. Co. (Registers, Gas Heaters & Specialties)
*Industrial Machine Co., 777 Rockwell av
International Machine Tool Co., 1111 Power av
†Interstate Foundry Co. (Light & Heavy Grey Iron Castings, etc.), E 61st & Erie R. R.
*Jackson C. E. & Co. (Machinist), 518 Prospect, N. W.
†*James Mfg. Co.
*Jansen-Petersen Co.
*Johns Engineering Co., Power bldg., Superior Viaduct
See adv index at end of book
*John's Stamping & Machine Works Co.,
*†Johnston & Jennings Co. (Cranes, Castings & Rolling Mill Machy), Addison Rd & N. Y. C. R. R.
See adv index at end of book
§K. & M. Brass & Aluminum Castings Co.
***KELLY REAMER CO.** (Reamers), 1553 Columbus rd
See adv index at end of book
*†§Kilby Mfg. Co. (Nail, Wire, Rolling Mill & Sugar Machinery, Heavy Castings, etc.)
*King Bridge Co. (Coal & Ore Handling Machinery)
§King Bronze & Aluminum Fdry. Co
*Kirk-Latty Mfg. Co. (Bolts, Screws & Children's Steel Express Wagons & Velocipedes, etc.), W 85th (bet. Detroit & Madison av)
*Konigslow E. Stamping & Tool Wks. (Dies, etc.)
Kremer-Cummins Machine Co., 1833 E 55th
Laganke Chas. F. (Jobbing), 116 St. Clair av, N E
§Lake Erie Smelting & Refining Co., 7900 Bessemer av
*Lakewood Engineering Co. (Cars, Concrete Mixers, etc.)
See adv index at end of book
*Lason & Sessions Co. (Bolts, Nuts, Rivets, Wrenches & Wire Rope Cups), 2188 Scranton rd, S W
Langenau Mfg. Co. (Brass & Iron Hdw. Specialties), 8403 Franklin av N W
*Lannert Co.
Leader Brass Fdry & Mfg. Co.
*Lees-Bradner Co. (Cut Gears, etc.)
Lewis Machine Co. (Foundry Machinery, etc.), 6303 Central
§Levy Albert D. (Aluminum Castings, etc.)
*Lincoln Electric Co. (Electric Welding Machines, Dynamos, Motors, etc.)
*§Loew Mfg. Co., 9100 Madison av, N W (Brewery Machinery)
*Long-Arm System Co. (Ship Fittings, etc.), Lakeside & E 38th
*Lucas Machine Tool Co. (Machine Tools, etc.), 524 E 99th
*M. & G. Machine Co. (Special Machinery, etc.), 3918 Superior av, N E
*McKenna Co., 1851 E 38th
*†McMyler-Interstate Co. (Bridge Builders)
*†Madison Foundry Co. (Light & Heavy Machinery Castings, Grate Bars, Columns, Sewer Castings, etc.)
*Mather & Waechter (Machinists), 105th & Quebec av S E
†Meech Foundry & Castings Co., 9940 Meach av S E
*Metal Parts Mfg. Co., 1084 E 152nd
*Metals Welding Steel Products Co., 4400 Perkins av
*Miller Chemical Engine Co., 1411 W. 9th
*Monarch Aluminum Ware Co.
*§Monarch Brass Co. (Plumbers Brass Goods)
§Morreau Co. (Gas & Elec, Fixtures) 1305 Oregon av N E
*Murphy Boiler Co., 3263 W 73rd
§National-Acme Mfg. Co. (Screw Machines, etc.), 7500 Stanton av, S E
*National Adding Machine Co. (Adding Machines), 1366 W 70th
*§National Bronze & Aluminum Fdry. Co. (Aluminum & Bronze Castings), 2539 E 79th
†National Car Wheel Co., 2120 W 106th. (See Pittsburg, Pa.)
†National Malleable Castings Co. (Malleable Iron Castings for R.R., etc.), 7706 Platt av, S E
*National Safe & Lock Co.
*Ohio Blower Co. (Blowers, Steam Separators, etc.), 9300 Detroit av
*Ohio Electric Works (Dynamos, etc), 112 Colonial av
*Ohio Electric & Controller Co., 5900 Maurice av
†Ohio Foundry Co. (Iron Fdrs.), E 71st & Stanton
*Ohio Instrument Mfg. Co., 5900 Carnegie av
†Ohio Machine & Boiler Co., 1501 University rd
*Ohio Trailer Co., Nottingham & Oakview
*Oram Jno. S. Co. (Barrel, Stave & Heading Machinery)
*§Ornamental Iron & Bronze Co., 10611 Quincy
*Oster Mfg. Co. (Pipe Cutting & Threading Machines)
*Otis Steel Co.
*†Palmer & De Mooy Foundry Co. (Grey Iron Castings & Machine & Brass Pattern Shop), 1658 Leonard N W
*§Paramount Brass & Mfg. Co, 2187 E 2nd (plumbers supplies)
*†§Peck, Stow & Wilcox Co., W 3d c Cuyahoga av S W. (See Southington, Conn.)
*Peerless Automatic Machine Co. (Screw Machines & Screw Machine Products)
*§Peerless Motor Car Co., Quincy av & E 93d
*Permanent Machine & Mfg. Co., E 55th
*Peters Machine & Mfg. Co., 7320 Madison av
*Phoenix Ice Machine Co., 2711 Church av
*Pioneer Machine & Engineering Co., Merwin av
*Pipe Machinery Co. (Pipe Bending & Cutting Machines, etc.)
*Plotz Wm. (Tools, etc.), 401 Champlain av N W
*Prague Mfg. Co.
§Premier Aluminum Foundry Co., Nickel Plate & Ivanhoe rd
§Regar Co. (Plumbers' Brass Goods, etc.), 1523 E 45th
*†§Reliable Stove Co. (Gas Heaters, Ranges, etc.)
***RELIANCE ELECTRIC & ENGINEERING CO.** (Electric Motors, etc.), 1064 Ivanhoe rd
See adv index at end of book
*Reliance Gauge Column Co. (Steam Specialties, etc.)
*§Rickersberg Brass Co. (Plumbers' Brass Goods, Perkins & E 37th
*Ross Mfg. Co. (Wheel Trueing Tools), 2186 E 65th
See adv index at end of book
*Round & Son (Hoisting Machinery)
*§Royal Brass Mfg. Co., 1417 E 43d
*§Russ Co. (Ale & Beer Pumps, etc.), 5700 Walworth av
*S.-P. Manufacturing Co. (Special), 872 E 72nd
*Sabin Machine Co. (Special Machinery), 6536 Carnegie av
Salisbury Ball Bearing Co., 3741 E 93rd
§Sanitary Co. (Brass Fdrs. & Finishers, Plumbing Goods)
*Sawyer Gear & Mfg. Co., 5120 St. Clair av, N E
Scott & Fetzer Machine Co., W 114th & Locust
§*Scott-Ulman Co.
Simplex Machine Tool Co., Cleveland National Bank bldg
*Sly W. W. Mfg. Co. (Tumbling Mills, Foundry Equipment, etc.), 4700 Train av
†§Smith Bros.
*Smith W. A. & Co. (Hot Air Furnace), 625 Champlain
*Spotless Steam Sponger Co. (Sponging Machines), Whitney Power blk
§Standard Brass Foundry Co. (Brass Fdrs), 990 E 67th
†Standard Car Wheel Co. (Car Wheels)
*Standard Equipment Co., Lorain av & W 106th
†Standard Foundry & Mfg. Co. (Light Grey Iron Castings, etc.)
*†Standard Lighting Co. (Div. American Stove Co.) (Gas Ranges, etc.)
*Standard Machinery & Equipment Co., 310 Electric
*Standard Sand & Machine Co. (Sanding Machines, etc.), 5150 St. Clair av N E
*†Standard Sewing Machine Co. (Sewing Machines), 6402 Cedar av S E
†Standard Steel Castings Co. (Automobile Steel Castings), 3311 W. 73rd
§Star Brass Fdry. Co.
*Stearns F. B. Co. (Auto Cars), Euclid av & Lakeview rd
§*Sterling Brass Co.
†Superior Foundry Co. (Grey Iron & Semi-Steel Castings)
*†Taylor & Boggis Foundry Co. (Iron Stoves, Hdw., etc.)
*Tinnerman Stove & Range Co., 2038 Fulton rd
*Trenkamp Stove & Mfg. Co. (Gas Stoves, etc.), 9806 Quincy av
Tungstolier Wks. of General Electric Co. (Gas & Electric Fixtures)
*Ulmer J. C. Co. (Engineering Instruments)
*Union Engineering Co. (Mechanical Engineers & Millwrights & Machinists), Cuyahoga & W 4th
*§United Brass Mfg. Co., 3844 Hamilton av
*†United States Cast Iron Pipe & Foundry Co., 1150 E 26th. (See Burlington, N. J.
*U. S. Molding Machine Co., 968 E 69th
*United States Tool Co., 3160 W 106th
*Upson Nut Co.

OHIO—Cleveland—continued
*Van Dorn & Dutton Co. (Cut Gears, Pinions, Racks, etc.), 2978 Woodhill
*Variety Iron & Steel Works Co., Hamilton av & E 40th
*§Victor Brass Mfg. Co., 6813 Wade Park av
*Waldeck Anthony (Wire Dies, etc.), 7607 B'way
*Wallace Tractor Co. (Traction Engines)
†Walworth Run Foundry Co. (Warm Air Registers, Hdw. Specialties & Grey Iron Castings), 2488 W 27th N W
*Warner & Swasey Co. (Machine Tools, etc.)
*§Wellman Bronze Co. (Aluminum, Brass & Bronze Castings), 6017 Superior av
*†Wellman-Seaver-Morgan Co. (Cranes Rolling Mill, Ore & Coal Handling & Mining & Hydraulic Machy.)
Western Machine Products Co., 73rd & St. Clair
*†§Westinghouse Electric & Mfg. Co. (See Pittsburg, Pa.)
*†White Co. (Automobile, etc.), 842 E 79th
*White Sewing Machine Co. (Sewing Machines)
*Winton Engine Works (Gas Engines)
*§Winton Motor Carriage Co. (Automobile Builders), Berea rd & Madison av
*Wood & Spencer Co.
*Worden Tool Co. (Machine Knives), 1854 Scranton rd
§Wright K. L. Brass Fdry.
*Zerk Mfg. Co. (Engineering Specialties, etc.)
CLYDE — *Krebs Commercial Car Co. (Auto Builders)
COLDWATER—*†New Idea Spreader Co.
COLLINWOOD—Damascus Brake Beam Co. (Brake Beams)
*Gas Machinery Co. (See Cleveland, O.)
*Kuhlman G. C. Car Co. (Electric Car Bldrs.)
COLUMBIANA—*Banner Machine Co. (Machine Work)
Columbiana Fdry. Co.
*†§Columbiana Pump Co. (Pumps, etc.)
*†§Enterprise Co. (Steam Engines & Saw Mill Machinery, etc.)
*Theiss Henry
COLUMBUS—American Water Motor Co. (Water Motors)
*Atcheson & Barok Die Tool Co., 43 W. Long
*§Atlas Brass Foundry Co., 980 Park S.
†Bonney-Floyd Co. (Steel Castings)
*Brightman Mfg. Co. (Shafting Machinery & Polish Shafting)
*§Brown Jno. W. Mfg. Co. (Lamps & Brass Fdrs.)
*§Buckeye Pump & Mfg. Co. (Pumps, etc.)
*†Buckeye Steel Castings Co. (Car Couplers, etc.)
*Buckeye Saw Mfg. Co. (Saws, etc.)
*Budd & Ranney Mfg. Co., 82 W State
†Carlisle & Schilling Bros., Poplar av & Henry
*†Case Crane & Engineering Co. (Cranes, etc.)
*Ceramic Supply & Const. Co.
*†§Chase Foundry & Mfg. Co. (Industrial Cars, Trucks, etc., 2700 Parsons av. *See adv index at end of book*
§City Brass Works
*Columbus Anvil & Forging Co. (Anvils, Forging, etc.)
*Columbus Auto Brass Co. (Automobile Brasses, etc.), 769 N 4th
*Columbus Auto Parts Co., E Russell
*†§Columbus Brass Co. (Brass Fdrs. & Finishers, Plumbing Goods) *See adv index at end of book*
*Columbus Die, Tool & Machine Co. (Dies, Tools, Special Machinery, etc.), 955 Cleveland av
*COLUMBUS FORGE & IRON CO. (Machinists & Forgings) *See adv index at end of book*
†Columbus F'dry Co.
*Columbus Heating & Ventilating Co. (Hot Air Furnaces, etc.)
*†§Columbus Mach & Fdy Co.
*†Columbus Malleable Iron Co. (Malleable Iron Fdrs., etc.)
†Columbus Plow Mfg. Co. (Agrl. Implements), Davis av
*Columbus Scale & Repair Co., 142 W Long
*†Columbus Steam Boiler & Heater Co. (Boilers, Heaters, etc.)
*Columbus Steam Pump Works Co. (Steam Pumps)
*Columbus Wire & Iron Works Co.
*Eaton Machine Works (Repair Work of All Kinds), 37 S Scioto
†Elder & Henry
†Emrich C., 371 S Heigh
*Favorite Mfg. Co. (Brass, Steel & Iron Novelties), 319 Mt Vernon av
*§Federal Mfg. Co. (Gas Fixtures & Brass Finishers), 168 W Long
*Foster Gear Co., 246 Kaiser
*Franklin Die & Tool Co. (The) *See adv index at end of book*
*†Hayden P. Saddlery Hardware Co., Long & Scioto
*Hearn J. C. Machine Works (General Jobbing), 38 W. Swan
†Hertenstein M. Co. (Stoves & Ranges), 1409 S High
*§Hocking Valley Ry. Shops
*Hoover J. B. (Machinists & Surgical Instruments), 619 N Fourth
*Ideal Heating Co. (Machine Works), 16 E First av
*Jaeger Machine Co. (Concrete Machinery), 490 Dublin av
*†§JEFFREY MFG. CO. (Elevating & Conveying, Grain Elevator Appliances, Mining, Phosphate Mill, Power Transmission, etc.), 961 N Fourth *See adv index at end of book*
*Kilbourne & Jacobs Mfg. Co. (Plows, Trucks, Cart & Road Scrapers, etc.)
*†Kinnear Mfg. Co. (Rolling Steel Shutters, etc.)
†§Lattimer Stove Co. (Stoves, etc.)
*§Lilley M. C. & Co. (Regalia & Lodge Supplies), 6th & Long
†Loudenslager H. Foundry Co., 465 S Canal
*Lowe Bros. Machine & Engine Works (Gasoline Engines, 1½ to 400 H. P.)
†McDonald F'dry.
*Miller Machine & Mould Works
*Modern Tool, Die & Machine Co., 216-220 N Fourth *See adv index at end of book*
†O'Brien Bros., 276 W Main
*Ohio Elevator & Machine Co.
*†§Ohio Malleable Iron Co. (Malleable Castings) 961 N Fourth
*§Ohio Pump & Brass Co. (Air Pumps, Brass, Bronze & Aluminum Castings)
*†Ohio State Stove Co. (Stoves & Ranges)
*Ohlen J. & Sons Saw Mfg. Co. (Saws, etc.), 931 Factory
*†Peerless Stove & Range Co. (Stoves & Ranges)
†Poulton Edwin (Grey Iron Castings) 15 S Scioto
*Quad Stove Mfg. Co. (Gas Stoves & Ranges)
*†Ralston Steel Car Co. (Steel Cars of All Kinds)
*Rockey Co. (Pumps), 275 E Main
†Schaefer, Wm.
†Schreyer G. Co. (Furnace Mfrs.)
*Seagrave Co. (Fire Dept. Apparatus)
†Shilling Bros. Fdry Co.
†Simplex Foundry Co.
Standard Bolt Co.
*Sun Mfg. Co. (Coffee Mills, etc.)
*Superior Die, Tool & Machine Co. (Special)
*Turnbull Mfg. Co. (Machy. Mfrs.), 115 Vine
*†United States Cast Iron Pipe & Foundry Co. (See Burlington, N. J.)
Universal Traction Mfg. Co.
*Weinman Pump Mfg. Co. (Pumps & Air Compressors), 300 Spruce
COLUMBUS GROVE—*Benroth Bros.
CONNEAUT—*Burke Machine Tool Co. (Machine Tools)
CORNING—†Richardson Jno. (Iron Fdry., etc.)
COSHOCTON—*†Clow Jas. B. & Sons
*†Keagy & Lear Machine Co. (Carriage Axles & Special Machinery)
*†§King W. H.
CRESTLINE—*†Burch Plow Works Co. (Plows, Sewer Castings, etc.)
*†§Crestline Mfg. Co. (Seamless Brass Pump Cylinders, etc.)
*International Mfg. Co. (Grain & Seed Cleaners)
†Schill Bros. Co. (Steel Ranges, Furnaces, Castings, etc.)
CUYAHOGA FALLS—*†Falls Clutch & Machinery Co. (Power Transmitting Machinery, etc.)
*Falls Hollow Staybolt Co. (Staybolts, etc.)
†Ford F'dy & Heating Co.
†§Nute Foundry Co.
*†Turner, Vaughn & Taylor Co. (Chain, Rubber, Wire Machinery, etc.) *See adv index at end of book*
DAYTON—†Advance Foundry Co.
†American Foundry & Casting Co.
*Aughe Plow Co. (Plows, etc.)
*Barney & Smith Car Co. (Cars & Car Wheels, etc.)
*†Brownell Co. (Steam Engines, etc.)
*†§Buckeye Iron & Brass Works (Brass & Iron Fdrs. & Oil Mill Machy.)
*†Callahan W. P. Co. (Iron Fdrs. & Engines & Oil Mill Machy., etc.)
*Carroll Engineering Co.
†Christie B. B. (Stoves, etc.)
*City Engineering Co.
City Machine & Tool Works
Computing Appliances Co. (Computing Lard Dispenser)
*Computing Scale Co. (Computing Scales)
*†§Davis Sewing Machine Co. (Sewing Machines)
§Dayton Brass Castings Co.
§Dayton Bronze Bearing Co.
*†Dayton Castings Co.
*Dayton Electrical Mfg. Co. (Dynamos, etc.)
*Dayton Engineering Laboratories Co. (Auto Starters)
*Dayton Fan & Motor Co. (Fans, Water Motors, etc.)
Dayton Glove Iron Works Co.
Dayton Machine Products Co.
*†§Dayton Malleable Iron Co.
*Dayton Mfg. Co. (Brass Fdrs., Railroad Supplies, etc.)
*Dayton Metal Products Co.
*Dayton Pipe Coupling Co. (Pipe Couplings, Saddles, Sleeves, etc.)
*Dayton Pitless Scale Co. (Scales)
*Dayton Pneumatic Tool Co. (Pneumatic Tools)
Dayton Reliance Tool & Mfg. Co.
Dayton Screw Co.
*Dayton Specialty Machine Co. (Machinists)
†Dayton Steel Foundry Co. (Electric Steel Castings)
§Dennick Wm. & Co. (Brass Fdrs.)
§Duriron Castings Co.
*§Eclipse Brass Foundry Co.
*Edgemont Machine Co. (Friction Clutches, etc.)
*Egry Register Co.
*Garrison Machine Works
*Gem City Machine Co.
§Gem City Smelting & Brass Castings Co.
†Gem City Stove Co. (Stoves, etc.)
§Hoban Brass Foundry Co.
*†International Clay Machinery Co.
*†Joyce-Cridland Co. (Hydraulic Lever & Screw Jacks, etc.)
*†Kramer Bros.' Foundry Co. (Iron Fdrs., Labeling Machines, etc.)
*†Kuhns Bros. (Cast Iron Fittings, etc.)
*Legler-Eilerman Co. (Machine Parts, Finished & White Metal Castings)
*Lucas Pump Co. (Power Pumps, etc.)
*Manufacturers Equipment Co.
Manufacturers Production Co.
§Miami Brass Fdry. Co. (Brass Fdrs.)
Montgomery Tool & Mfg. Co., 1st & Madison
Moore Eastwood Co., 116 E 4th
*§National Cash Register Co. (Cash Registers, etc.)
*†§Ohio Rake Co. (Agrl. Implts. Sulky Rakes, etc.)
*Ohmer Fare Register Co.
*†§Platt Iron Works Co. (Turbines & Machinery, etc.)
*Plocher Andrew Sons Co. (Forgings, etc.)
*Recording & Computing Machines Co.
*Roberts Geo. J. Co. (Water Motors, Electric Pumps, etc.)
*†Seybold Foundry Co.

*†Seybold Machine Co. (Bookbinding Machinery)
*Sheffield Machine & Tool Co.
*Simonds A. A. & Son Co. (Planing Knives, etc.)
†Specialty Casting Co.
†Standard Foundry Co.
Standard Machine Co.
*Steiner M. & Co.
*Trimbach Geo. (Tools, etc.)
*Vaile-Kimes Co. (Water Motors)
*Weinman C. J. Co. (Machinists), 310 E 2d
*Wiedeke Gustav & Co. (Boilermakers' Tools, etc.)

DEFIANCE—*American Steel Package Co. (Steel Specialties, etc.)
*†Defiance Machine Works (Wood Working Machinery, etc.)
*Defiance Pressed Steel Co. (Metal Boxes)
*Defiance Welding Co.
*Turnbull Wagon Co.

DELAWARE—*Cook Motor Co. (Gasoline Engines)
†Del. Fdry. & Mach. Co.
*Lugger F. W. & Son (Garage)
*Peerless Pattern & Machine Works

DELPHOS—†*Am. Road Machy. Co.
†Delphos Foundry

DENNISON—†Dennison Foundry & Machine Co. (Radiators & Foundry)

DESHLER—*†§Suber A. A.

DOVER—*†Dover Mfg. Co. (Sad Irons, etc.)
*†Hardesty Mfg. Co.
*†Wagner Bros.
*Willis Auto & Machine Works

DOYLESTOWN—†§*Doylestown Agricultural Co.
§*Doylestown Aluminum Ware Co.
*†Seiberlin & Miller Co. (Mowers, Reapers, etc)

DRESDEN—†Doll Wm.

EAST LIVERPOOL—Bucher-Smith Co.
*Cain Machine Co.
*†§Patterson Fdry. & Machine Co. (Clay Working Machy., etc.)

EAST PALESTINE—†§*Adamson Co.

ELMORE—*†Multiplex Concrete Machinery Co. (Concrete Block Machy.)

ELMWOOD PLACE — *†§Worthington Pump & Machinery Corp. (Laidlaw Works)

ELYRIA—Colson Co. (Screw Machine)
†Duplex Mfg. & Foundry Co. (Water Basins, etc.)
†Elyria Foundry Co. (Grey Iron Casting, etc.)
*Elyria Machine Co.
*†Fox Furnace Co. (Stoves)
†§Garford Engineering Co.
*Superior Metal Products Co. (Special Dies, etc.)
*Weller Engineering Co. (Power Transmission, etc.)
*Western Automatic Machine Screw Co.

EUCLID—*†Duplex Mfg. & Foundry Co. (Catch Basins & Sewer Castings)
*Euclid Crane & Hoist Co. (Electric Cranes, Hoists, etc)

FAYETTE—*Smith F. L.

FINDLAY—*†§Adams Truck Foundry & Machine Co. (Auto Trucks)
*†Buckeye Traction Ditcher Co. (Trench Excavating Machy)
*Electric Construction & Motor Co.
*Hoppenberg Machine Co.
*†Marvin D. E.
†§Model Fdry. & Mach. Co.
*Went C. H.

FOSTORIA—†§Atlas Mfg. Co.
Fostoria Pressed Steel Co.
*Fostoria Screw Co.
*"S.-C." Regulator Mfg. Co. (Valves, Regulators, etc.)

FREDERICKSTOWN—*†Foote J. B. Fdry. Co. (Bells & Hardware Specialties)
*†Zieg F. B. Mfg. Co. (Road Graders, Hdwe. Specialties, etc.)

FREEPORT—†*Freeport Fdry. Co.

FREMONT—*Christy Knife Co. (Knives, etc.)
*Clauss Shear Co. (Shears, etc.)
*Detroit Model Machine Co.
*†Fremont Stove Co. (Stoves)
*Herbrand Co. (Carriage Hardware & Forgings, etc.)
*§Hotz Foundry & Mfg. Co.
*Jackson Shear & Razor Co.
*§Lake Shore Elec. Ry. Co.
*†§Lehr Agricultural Co. (Cultivators, Harrows, etc.)
†Lincoln Stove Co. (Stoves, Ranges, etc.)

GALENA—*Hughes & Smythe (Corn Planters, etc.)

GALION—*†Freese E. M. & Co. (Brick & Drain Tile Machinery, etc.)
Galion Brass & Bronze Co.
*Galion Iron Wks. & Mfg. Co. (Road Machinery)
*†§Gallon Iron Works & Mfg. Co. (Gas Engines, Culvert Pipe, etc.)
*Unckrich Machine Co.

GALLIPOLIS—†Thompson & Francis Stove Co. (Stoves)
†Treasure Stove Co. (Stoves)

GENEVA—*†§Champion Hardware Co. (Hardware Specialties, Brass & Comp. Castings)
*†Geneva Metal Wheel Co.
*Potter Mfg. Co. (Hdwe. Specialties)

GHENT—*Purdy Chester (Woodworking Mach, etc)

GREENVILLE — *†Ross Supply Co. (Pumps, Windmills, Grey Iron Castings, etc)
*Wogaman Bros. Co. (Gas Engines)

HAMILTON—†American Foundry & Machine Co.
*American Frog & Switch Co. (Frogs, Switches, Switch Stands, Crossings, etc.)
*Bentel & Margedant Co. (Wood Working Machinery, etc.)
*†§Black-Clawson Co. (Paper & Pulp Mill, Special Machy, etc.)
*Central Motor Co. (Garage)
*Ceramic Machine Co.
*Columbia Machine Tool Co.
*†§Deuscher H. P. Co. (Agrl. Implements, etc.)
*Dufficy John (Jobbers)
*†Estate Stove Co. (Stoves, Ranges, etc.)
*General Repair Machine Shop
*Hamilton Autographic Register Co. (Registers, etc.)
*Hamilton Caster Mfg. Co. (Casters, etc.)
*†Hamilton Copper & Brass Works (Brewing & Distilling Apparatus, etc.)
*†Hamilton Foundry & Machine Co.
*†Hamilton Machine Tool Co. (Machine Tools)
*Herring-Hall-Marvin Safe Co. (Bank Vaults & Safes, etc.)
*†§HOOVEN OWENS RENTSCHLER CO. (Steam Engines, Grey Iron Castings, etc.)
See adv index at end of book
*Krauth & Benninghofen (Machinists)
*Liberty Machine Tool Co.
*†Long & Allstatter Co. (Agrl. Implts. & Punching & Shearing Machy)
†Miami Foundry Co. (Grey Iron Castings)
*Mosler Safe Co. (Bank Vaults & Safes, etc.)
*†§Niles Tool Works Co. (Machine Tools, etc.).
†Peerless Foundry
*Phoenix Caster Co. (Furniture Casters)
Simplex Machine Tool Co.
*Triumph Laundry Machinery Co. (Laundry Machinery)
*Vail-Rentschler Tractor Co.
*West Side Motor Co. (Motors, etc.)

HARRISON—*†Campbell Bros. Mfg. Co. (Agrl. Implts., Corn Drills, etc.)

HILLSBORO—*†§Bell C. S. Co. (Cane & Feed Mills, Stoves, Farm Bells, etc.)
*†§Gross-Feibel Co. (Safes, etc.)

IRONTON—*Belfront Iron Works Co. (Machine Shop for Use of the Company)
†Foster Stove Co. (Stoves)
*†Ironton Engine Co.
*†§Ironton Punch & Shear Co. (Punching & Shearing Machines)

JACKSON—*†§Crown Pipe & Foundry Co. (Cast Iron Pipes, etc.)
*†Jackson Mfg. Co. (Garden Plows, etc.)

JOHNSTOWN—*Rusler H. B. Mfg. Co.

JUNCTION CITY—*Lidderdale A. E. (Jobbing)

KENT—*Falls Rivet Co.
*†Kent Machine Co. (Concrete Machinery, etc.)
*§Miller J. B. Keyless Lock Co. (Locks)

KENTON—*† Champion Iron Co. (Builders' Iron Work & Castings)
*Dow Jas. M. (Machinist)
*†§Kenton Hardware Co. (Iron & Steel Toys, etc.)
*Ohio Machine Tool Co. (Machine Tools, etc.)

KILBOURNE—*Scott Bros.

KINSMAN—*†§Kiddle Richard H.

LANCASTER—*†§Alten's Fdy. & Machine Works
*†Eagle Machine Co. (Ag'l Implts.)
*†§Hocking Valley Mfg. Co. (Ag'l Implements, etc.)

LAUDONVILLE—§*Ohio Grease Co.

LEETONIA—*†Crescent Mach. Co. (Wood Working Machy.)
†Leetonia Boiler Co. (Blast Furnace Work, etc.)

LEIPSIC—*†Temco Electric Motor Co. (Electric Drills & Motors)

LEXINGTON—Cureton Wm. & Sons, Richland Co.
*Lexington Instrument Works, Richland Co.
*Smith Gas Power Co. (Suction Gas Producers), Richland Co.

LIMA—*Buckeye Machine Co. (Gas Engines)
†Chalmers Mfg. Co.
*†§East Iron & Machine Co. (Asphalt Paving Plant Machy., Builders' Iron Work), 351 E Market
*†Golley & Finley Iron Works
§Lima Brass Fdry.
*†Lima Locomotive Corp. (Locomotives, etc.), 106 3d
†Lima Metals Foundry Co.
*†Ohio Steel Foundry Co. (Steel & Vanadium Castings)
†*Power Mfg. Co.
*Vicary Geo. S.
*Steiner Bros.
§White Joseph

LISBON—*Wright Mfg. Co. (Chain & Portable Hoists, etc.)

LOGAN—*†§Logan Foundry & Machine Co. (Plows, etc.)

LORAIN—*†American Shipbuilding Co. (See Cleveland, O.)
*Brunk Machine & Forging Co.
*†Hoffman Heater Co. (Heaters, etc.)
§Lorain Brass & Bronze Foundry Co. (Brass & Bronze Castings, etc.)
*§Lorain Casting Co. (Iron & Brass & Semi-Steel Castings, etc.)
*National Stove Co. (Am. Stove Co.) (Stoves, Heaters & Ranges)
*Thew Automatic Shovel Co. (Steam Shovels, etc.)

LOUDONVILLE—*Sprang Wm.

LOUISVILLE—§*Louisville Fdry. Co.
*Louisville Machine Co.

LUDLOW FALLS—*Duncan Bros. & Wray Co. (Floor Scrapers, etc.)

LYNCHBURG—*Kesler John A.

MADISON—*†Genung C. W. (Ag'l Implements)

MALTA—*†Brown-Manly Plow Co. (Ag'l Implements, etc.)

MALVERN—Keffler Bros. (Jobbing)

MANSFIELD—*†Aultman & Taylor Machinery Co. (Ag'l Implts., Traction Engines, etc.)
*†§Barnes Mfg. Co. (Pumps, etc.)
*§Berry J. H.
§Buckeye Tempered Copper & Brass Co.
*†Eclipse Stove Co. (Stoves)
*Hartman Electrical Mfg. Co. (Electrical Specialties)
*Hughes-Keenan Co. (Structural Steel, etc.)
*†§Humphryes Mfg. Co. (Pumps, Cocks & Bibbs, etc.)
*Ideal Electric & Mfg. Co. (Electric Machinery, etc.)
*Lean Roderick Mfg. Co. (Harrows, Land Rollers, etc.)
Mansfield Brass Foundry
*Mansfield Specialty & Machine Co.
*New Method Stove Co. (Gas Stoves, etc.)
*North American Watch Co.
*§Ohio Brass Co. (Electric Railway & Steam Specialties)
*†Phoenix Electric Co. (Electric Motors)
See adv index at end of book
*Superior Brass Mfg. Co.
§*Triumph Valve Mfg. Co.

MARIETTA—*Cline Edw. W.
*Leidecker Tool Co. (Well Drilling Machinery, etc.)
†Nye A. T. & Son Co. (Stoves & Ranges)
*†§Pattin Bros. Co. (Steam Engines & Grey Iron & Brass Castings)
*Salzman G. O.
*Star Machine Co.

OHIO—continued
MARION—†Am. Malleable Casting Co.
†*Blockson Bros. Construction Co.
*†§Fairbanks Steam Shovel Co. (Steam Dredges, etc.)
*†§Huber Mfg. Co. (Ag'l Implts., Engines, etc.)
*†Marion Steam Shovel Co. (Dredging, Excavating, etc.) P. O. Box 505
*Osgood Co.
*†§Power Mfg. Co. (Oil Engines)
*Titus Machine Co. (Drill Presses, Vises, etc.)
MARTIN'S FERRY—*†Beam Jas. H.
*McDermott P. J. (Machinery & Tools)
†Spence-Baggs Stove Co. (Stoves, etc.)
*Stanton Heater Co. (Furnaces, etc.)
MARYSVILLE—§Regent Brass Co.
MASSILLON—*†§Griscom-Russell Co. (See New York, N. Y.)
See adv index at end of book
*†Hess-Snyder Co. (pumps & stoves)
†*Massillon Aluminum Co.
*Massillon Foundry & Machine Co. (Steam Hammers, Punching & Shearing Machy.)
*†Massillon Iron & Steel Co. (Cast Iron Pipe & Heavy Castings, etc.)
†Massillon Steel Casting Co.
*Reynolds Machine Co.
*†§Russell & Co. (Engines, Threshers & Saw Mills)
MECHANICSBURG — *Packham Crimper Co. (Sheet Metal Workers' Machinery)
MEDINA—†Medina Fdry. Co. (Castings, etc.)
*Medina Machine Co.
MIAMISBURG—§Allen Machine Works (Specialties)
MIDDLETOWN—*†American Rolling Mill Co.
*Barkelew Electric Mfg. Co. (Electrical Specialties)
*†Miami Cycle & Mfg. Co. (Bicycles, Motorcycles, etc.)
*Middletown Machine Co. (Gas Engines)
*Shartle Bros. Machine Co. (Paper Mill Machinery)
MILAN—*Curtis Machine Co. (Thresher Parts)
MILLERSBURG—*Gadfield C. L. (Garage)
†Millersburg Fdry. & Machine Works
MINERAL RIDGE—*†§Mineral Ridge Mfg. Co. (Steam Hoists, etc.)
MINERVA—*Jobes Emmor W.
*Minerva Hardware Mfg. Co. (Builders' Hardware, Hardware Specialties, Grey Iron Castings, etc.)
MINSTER—*Dues J. J. Machine Co. (Garage, etc.)
*†§Minster Machine Co. (Power Transmitting, etc.)
MONTPELIER—*†Wingert Foundry & Furnace Co.
MORRAL—*Morral Bros. (Canning Machinery)
MOUNT GILEAD—†§Hydraulic Press Mfg. Co. (Presses, Sugar Mills, etc.)
*Kelly Foundry & Machine Works (Jobbing)
MOUNT STERLING—*Carter Wire Fence Mach. Co. (Fence Mach.)
MOUNT VERNON—†Black Furnace Co.
*Brewer J. H. (Jobbing)
*†§Cooper C. & G. Co. (Corliss & Rolling Mill Engines, Condensers, Fly Wheels & Heavy Castings, etc.)
*Mount Vernon Bridge Co. (Structural Steel Work)
NAPOLEON—†Heller-Aller Co. (Wind Mills, Gasoline Engines, etc.)
*†Ragan-Brown Lange Co. (Engines, etc.)
NEWARK—*American Machine Co.
*†§B. & O. R. R. Shops
§Blair Motor Truck Co.
*Jewett Car Co. (Car Builders, etc.)
*†McNamar Machine Works
†Newark Casting Co.
†§*Newark Stamping & Fdry. Co.
*†Scheidler Machine Works Co. (Engines, etc.)
*Shepherd M. L.
†Simpson Fdry. Co.
*Simpsons Garage & Machine Co.
*†§Wehrle Co. (Stove Mfrs.)
NEW BERLIN—§*Hoover Suction Sweeper Co.
NEW BREMEN — *Poorman O. O. Co. (Presses, etc.)
NEW COMERSTOWN—*†§Clow Jas. B. & Sons, (See Chicago, Ill.)
*Rex File & Saw Co. (Files, Saws, etc.)
§Sterling Specialty Co.
NEW LEXINGTON—*†Star Mfg. Co. (Agricultural Implements, Wheels, Mine Cars, Feed Grinders, etc.)
NEW LONDON — *†Arnold-Creager Co. (Brick & Clay Machy.)
NEW MADISON—*Hill Mfg. Co.
NEW MATAMORAS — *Stover Machine Works
NEW PARTAGE—†Sem-Steel Fdry. Co.
NEW PHILADELPHIA—Buckeye Tool & Machine Co.
*†Ladel Mfg. Co.
§Rathe Brass & Aluminum Co.
†§*Sharp C. J. Mfg. & Supply Co.
*Wise-McClung Mfg. Co. (Vacuum Cleaners)
NILES—*†§Globe Foundry & Machine Works
*†Niles Mine & Mill Supply Co.
NORTH BALTIMORE—*Exline & Son
NORTH FAIRFIELD — †Fairfield Plow Works (Plows)
NORWALK—*Frederick Machine Works (Emery Grinders, Countershafts, etc.)
*Miller Anchor Co. (Anchor & Chains, etc.)
*Norwalk Drilling Tool Co. (Heavy Forgings, etc.)
†Norwalk Foundry Co. (Iron & Brass Castings)
NORWOOD—(See Cincinnati, O.)
OAK HILL—*†§Oak Hill Foundry & Machine Works
OAKLEY—†Modern Foundry Co. (Castings), 4601 Marburg
*†Williamson Foundry Co. (Heating Apparatus), Marburg av
†Woodward Mach. Co.
OBERLIN—*Ohio Road Machinery Co. (Road Machinery, etc.)
ORRVILLE—†§Foundries Co.
OTTAWA—*Todd Bros.
OVERPECK—†Buckeye Foundry Co.
PAINESVILLE—*Blackmore John (Machinist)
*†Coe Mfg. Co. (Veneer Machinery)
*Ohio Mfg. Co., P. O. Box 358
See adv index at end of book
PEEBLES—*†§Suffron C. E. (Castings & Jobbing)
PIQUA—*†Bowdle Bros. (Castings & Jobbing)
*Champion Paper Cutter Co. (Paper Cutters)
*†§Favorite Stove & Range Co. (Gas Stoves & Ranges)
†French Fdry. Co.
*French Oil Mill Machinery Co. (Oil Mill Machinery, etc.)
*Wood Shovel & Tool Co. (Shovels, etc.)
PLYMOUTH—*†§Fate J. D. Co. (Brick Machy.)
*†Root-Heath Mfg. Co. (Lawn Mowers, Machines, etc.)
POMEROY—*†§Pomeroy Machine Co.
PORTAGE—*Laramore O. O.
PORTSMOUTH—*Central Machine Electrical Repair Shop
*Heer Engine Co. (Traction Engines)
†Neill Geo. W.
*Mitchell Mfg. Co.
†Ohio Stove Co.
*†Portsmouth Engine Co. (Engines, Ice Machines. etc.)
*†Portsmouth Steel Co.
*†§Portsmouth Stove & Range Co. (Stoves, etc.)
*Simpson Bros. (Brick Makers' Machinery)
†§*Whitaker-Glessner Co.
PROSPECT—*Prospect Mfg. Co. (Chemical Fire Engines, etc.)
RAVENNA—*†Browning Co.
*†§Byers John F. Machine Co. (Hoisting Machinery, etc.), 242 So. Sycamore *See adv index at end of book*
†Ravenna Furnace & Heating Co.
†§Ripley Fdry. & Mach. Co.
*†Williams A. C. Co. (Sad Irons, etc.)
ROCKFORD—*Coppersmith J. M.
ROSSFORD—*Ford Edw. Plate Glass Co.
SABINA—*Sabina Pump Co.
*Clinton Mfg. Co. (Pumps)
ST. MARYS—*Lawter Tractor Co.
Quickwork Co. (Rotary Shears, etc.)
*†St. Marys Machine Co. (Engines, etc.)
SALEM—*†§Buckeye Engine Co. (Steam & Gas Engines & Grey Iron Castings)
*§Clark W. J. Co.
*Davis M. & Sons (Electrical Machinists)
*†§Deming Co. (Pumping Machy., etc.)
*Mullins W. H. Co., 341 Franklin
†National Sanitary Co. (Enameled Iron Bathtubs)
†Pittsburgh Foundry & Machine Co. (See Pittsburgh, Pa.)
*Salem Tool Co.
*†Silver Mfg. Co. (Hub Boring Machy., Blacksmiths' Drills & Agrl. Implts., etc.)
†Victor Stove Co. (Stoves)
SALINEVILLE—*Rice John (Jobbing)
*Salineville Model & Machine Works
SANDUSKY—*§Bay View Foundry Co.
*Brightman Nut & Mfg. Co.
*†Brown Clutch Co. (Pulley Clutches, Grey Iron Castings, etc.)
†§Farrell-Cheek Steel Foundry Co. (Steel Castings)
†G. & C. Foundry Co.
*†§Klotz Machine Co. (Handle & Wine & Cider Making Machinery, & Iron & Brass Fdrs.)
*Mack Iron & Wire Works Co. (Architectural & Ornamental Iron & Steel)
*Matthews Engineering Co.
*Ohio Motor Co. (Gasoline Engines)
*Roberts Motor Co. (Marine Motors, etc.)
*§Sandusky Foundry & Machine Co.
Sandusky Nut Co.
*Sandusky Tool Co.
*Vim Motor Co. (Gasoline Engines)
SEBRING—§Aluminum Foundry Co.
*Hall Machine Works
†Sebring Fdry. Co.
SEVILLE—*†§Overholt I. M.
SHELBY—*Chicago Handle Bar Co. (Bicycle Handle Bars)
*Shelby Spring Hinge Co. (Steel, Brass & Bronze Hardware)
*Standard Mfg. Co. (Hardware Specialties)
SIDNEY—*American Steel Scraper Co. (Road Scrapers)
*Eclipse Folding Machine Co. (Paper Folding Machines)
*Mentges Folder Co. (Paper Folding Machines)
*Monarch Machine Tool Co. (Engine Lathes)
*Peerless Bread Machine Co.
*Pioneer Pole & Shaft Co. (Poles & Shafts)
*Sidney Power Press Co.
*Sidney Steel Scraper Co. (Drag & Wheel Road Scrapers, Barrows, etc.)
*Sidney Tool Co. (Woodworking Machy., etc.)
*Slusser-McLean Scraper Co. (Road Scrapers)
*†Smith Philip Mfg. Co. (Grain Elevator Machinery)
*†§Wagner Mfg. Co. (Enameled & Aluminum Hollow Ware)
SPENCERVILLE—*Foster Tobias
*Redick Jos. H.
SPRINGFIELD—*†American Radiator Co. (See Chicago, Ill.)
*†American Seeding Machine Co. (Agrl. Implts.)
*†Bauer Bros. Co. (Oil & Feed Grinding Mill Machinery, etc.), Bauer bldg
*Bauroth Bros. (Gas & Gasoline Engines)
*†Bayley Wm. Co. (Builders, Iron Work, Special Machinery, etc.)
*Bowlus Mfg. Co. (Joist-Drills, etc.)
*Buffalo Springfield Roller Co. (Road Rollers, etc.)
*Casey D. L. Machine Co. (Engines, Boilers, etc.)
*§Central Brass & Fixture Co. (Brass Goods)
*Columbia Planter Co. (Agrl. Implements)
*†§Duplex Mill & Mfg. Co. (Feed Mills, etc.)
*†Fairbanks Co. (Piano Plates, Castings, etc.)
*Foos Gas Engine Co. (Gas Engines), 80 Monroe
*†French & Hecht (See Davenport, Ia.)

*†Grey Iron Casting Co. (Grinding Mills, Castings, etc.)
†Hennessey Foundry Co. (Grey Iron Castings)
*Hoppes Mfg. Co. (Feed Water Heaters, etc.)
*Igou Mfg. Co. (Wrapping Machines)
*Indianapolis Switch & Frog Co. (Frogs, Switches & Crossings, etc.)
*†International Harvester Co. (See Chicago, Ill.)
*†Kelly O. S. Co. (Piano Plates, etc.)
*Kelly-Springfield Motor Truck Co. (Motor Trucks)
*Lagonda Mfg. Co. (Boiler Flue & Tube Cleaners, Valves etc.)
*†Leffel Jas. & Co. (Turbine Water Wheels & Engines, etc.), 500 Lagonda
*†Mast, Foos & Co. (Windmills, Force Pumps, Lawn Mowers, etc.)
*Mentels The (Gas Heating Stoves for Natural & Artificial Gas, etc.)
*Miller Improved Gas Engine Co. (Heavy Duty Gas Engines)
*§Nolte Brass Co. (Brass Fdrs. & Finishers)
*†Patric Furnace Co. (Hot Air Furnaces)
*Peters E. E. Machine Co. (Jobbing)
*Reed Mfg. Co. (Rug Looms, etc.)
*†Robbins & Myers Co. (Dynamos, Motors, Electric Fans) 1400 Lagonda av.
*Roberts Thomas (Feed Mills, etc.)
*Rodgers Geo. G. (Machinist)
*†Ross E. W. Co. (Sugar Cane Mills & Folder Cutters, etc.)
*Safety Emery Wheel Co. (Tools & Emery Grinders, etc.)
*Shauver Co. (Auto Accessories & Wood Working Machinery)
*§Springfield Brass Co. (Brass Fdrs. & Finishers)
*†Springfield Machine Tool Co. (Lathes, Presses, etc.)
†Springfield Malleable Iron Co.
*†Superior Gas Engine Co. (Gas & Gasoline Engines)
*Superior Mfg. & Mill Co. (Gas Engines, etc.)
*†Thomas Mfg. Co. (Agrl. Implts., etc.)
*Thompson Grinder Co. (Grinding Machy., etc.)
*†Trump Mfg. Co. (Engines, Water Wheels & Transmitting Machy.)
*Webster & Perks Tool Co. (Machine Tools, etc.)
†Western Fdry. Co.
*Western Tool & Mfg. Co. (Tool Holders, Mandrels, etc.)
†Wickham Piano Plate Co. (Piano Plates & Piano Hdw.)

STEUBENVILLE—†Irwin R. J.
*†§La Belle Iron Works (Iron & Steel Castings & Machine Shops)
*†Ohio Foundry & Mfg. Co. (Grates, Castings, etc.)

SWANTON—*†§Baker A. D. Co. (Traction Engines & Metal Wheels, etc.)
*Pilliod Co. (Valves, etc.)

TIFFIN—*Hanson Clutch & Machinery Co.
*†Loomis Machine Co. (Well Boring & Drilling Machy.)
*†National Machinery Co. (Bolt & Nut & Rivet Machy., etc.)
*†Sterling Grinding Wheel Co. (Emery Wheels & Emery Wheel Machy.)
*†Tiffin Wagon Co.
*†Webster Mfg. Co. (Elevator & Conveying, Grain Elevator Appliances, Coal Handling, Phosphate Mill, Power Transmission, etc)

TOLEDO—*A. F. S. Machine Co., 531 S St. Clair
*†Advance Machinery Co. (Woodworking Machinery)
†Am. Fdry. Co.
*American Metal Wheel & Auto Co.
*Art Iron & Wire Works
§*Ayling & Reichert Co.
*†Baker Bros. (Key Seaters, Tapping & Boring Machines & Woodworking Mach'y)
*Banting Machine Co. (Agrl. Implts., etc.)
*Bauroth E. F.
†Belmont Fdry.
*Bissell F. Co. (Electrical Specialties, etc.)
*Braunschweiger Bros. (Special Machinery, Tools, etc.)
*§Bunting Brass & Bronze Co. (Bronze Bearings & Brass Castings), 738 Spencer. *See adv index at end of book*
*Candy & Nut Machine Co. (Vending Machines)
§Central Brass Foundry
Central Machine & Tool Co.
†City Foundry Co.
*Conrad Frank J. (Garage)
†Consolidated Mfg. Co. (Forgings, Tubings, etc)
*Consolidated Pump Co.
*De Mers Magloir
*De Vilbiss Mfg. Co. (Paint Spraying Machines)
§*Doehler Die Casting Co.
*†Donovan Wire & Iron Co. (Grey Iron Castings), Chicago & W. & L. E. Ry.
†Ensign Foundry Co. (Iron Founders)
Etna Machine Co.
Fanger Beet Harvester Co., 421 Michigan
†Gartland Toledo Fdry. Co.
*Gendron Wheel Co. (Bicycle Wheels)
*Gogel Mfg. Co. (Tuyere Iron Heaters, Fifth Wheels, etc.)
*Grasser Motor Co. (Gas Engines)
*Haughton Elevator & Machine Co. (Elevators, etc.), 679 Spencer.
*Heartley Machine Variety, Iron & Tool Works, 900 Summit
*Jaxon Co., 1010 Jackson
*Jones S. M. Co. (Gas Engines & Oil Well Supplies)
*Kent-Owens Machine Co. (Machinists)
*Landis E. M. & Co. (Gas Engines, etc.)
*Lober Art Brass & Specialty Co., 124 11th
*McCreery Mfg. Co. (Ventilators & Air Cooling Machinery, etc.)
†*§McNaull Boiler Mfg. Co. (Castings, etc.)
†Maumee Malleable Castings Co.
*§Merrell Mfg. Co. (Pipe Cutting & Threading Machinery, etc.), 278 Curtis
*†§Milmine H. B. & Co. (Iron Fdrs., etc.)
*Moore C. H. (Edge Tools, etc.)
†National Malleable Castings Co. (See Cleveland, O.)
*†§National Supply Co. (Oil Wells Supplies, etc.)
*Ohio Electric Car Co. (Electric Autos & Trucks)
*O'Neill Machine Co.
*Pixley Safe & Lock Co. (Safes, etc.)
*†Rathbun-Jones Engineering Co. (Gas & Oil Engines), 841 Spencer
*Refrigeration Engineering Co.
*†Rumeli M. Co. (See La Porte, Ind.)
*§Seeger Valentine (Brass & Comp. Castings)
*§Seiss Mfg. Co. (Iron & Brass Specialties)
*Shaw-Kendall Engineering Co.
*Sterling Cork & Seal Co. (Mfr. Machinery)
*Stitt Robert G. (Oil & Gas Well Supplies)
§*Toledo Brass & Iron Wks.
§Toledo Brass & Novelty Works (Brass & Comp. Castings)
*Toledo Bridge & Crane Co. (Cranes, Structural Iron Work, etc.), 2500 Dorr
*§Toledo Chandelier Mfg. Co.
†Toledo City Fdry.
*†Toledo Foundry & Machine Co. (Steam Shovels, Castings, Engines, Dredging Machinery, etc.)
*†Toledo Machine & Tool Co. (Punching & Shearing Mach'y, Power Presses, Power & Drop Hammers, etc.)
*Toledo Mfg. & Supply Co. (Brass Goods)
Toledo Metal Manufactures Co., Michgan
See adv index at end of book
Toledo Metal Manufactures Co.
*Toledo Metal Wheel Co. (Bicycles, Metal Wheels, etc.)
*Toledo Pipe Threading Machine Co. (Pipe Threading Machines, Dies, etc.), 1440 Summit
*Toledo Saw & Supply Co. (Saws, etc.)
*†§Toledo Ship Building Co. (Ship Builders, Engines, Brass & Grey Iron Castings)
*†Toledo Steel Casting Co.
†Toledo Stove & Range Co. (Stoves, Ranges, etc.)
*†§U. S. Malleable Iron Co. (Malleable Iron Castings, etc.)
*Watson Mfg. Co. (Machines)
§Western Gas Fixture Co. (Gas & Elec. Fixtures, etc.)
*§Willys-Overland Co.
Wine Railway Appliance Co. (Bolts, Washers, Ladders, etc.)
*Yost Electric Mfg. Co. (Lamp Sockets, etc.)

TORONTO—*†Toronto Fdry. & Machine Co.

TROY—*Hobart Mfg. Co. (Electric & Gasoline Coffee Mills & Meat Choppers, etc.)
*Kelly Machine Co.
†Star Fdry. Co.
*§Troy Carriage Sun Shade Co.

TYRRELL—*Tyrrell A H. & Son (Iron Fdrs.)

UPPER SANDUSKY—*†§National Steam Pump Co.
*†Ohio Mfg. Co. (Agrl Implts, etc)

URBANA—*§Desmond-Stephan Mfg. Co. (Injectors, etc.)
*†Illinois Car Co. (Cars, etc.)

UTICA—*Cree J. A.

VAN WERT—*†§Spayd Bros.

VERMILION—*§Wakefield F. W. Brass Co. (Lighting Fixtures)

WADSWORTH—*†§Ohio Injector Co. (Boiler Injectors, etc.)

WAPAKONETA—*Krein Mfg. Co.
*New Wapakoneta Wheel Co. (Wood Wheels)
*†Wapak Hollow Ware Co.
*Wapakoneta Machine Co.

WARREN—*†§Aetna Fdry. & Machine Co. (Tin & Sheet Mill Machy. & Castings)
†General Malleable Co. (Malleable Iron & Steel Castings)
*†McMyler Interstate Co. (Dock Equipment)
Packard Electric Co. (Electrical Specialties)
*Peerless Electric Co. (Dynamos & Motors)
*Sterling Electric Lamp Works of G. E. Co. (Electrical Specialties)
*†Trumbull Mfg. Co. (Castings, etc.)
*Winfield Mfg. Co.

WASHINGTON C. H.—*†§Swope Garage & Machine Co.

WAUSEON—†Pultz Wm.
*†Red, King Co. (Windmills, etc.)
*Schletz Philip

WELLINGTON C. H.—*Sterling Machine & Stamping Co. (Auto Accessories)
*†Wellington Machine Co. (Brick Machy., etc.)

WELLSTON—*Morrow Mfg. Co. (Mining Machinery, etc.)

WELLSVILLE—*†Menough Foundry Co. (Grey Iron Steel Castings)
*†§Stevenson Co. (Brick Machy., etc.)

WESTERVILLE—*Bennet H. L. & Co. (Stump Pullers)
*†Hance J. W. Foundry Co. (Grey Iron Castings, etc.)

WEST LAFAYETTE—*D. & J. Co. (W. W. Dyser, Prop.)

WEST MANCHESTER—*Parks C. M. (Machinery Mfrs.)

WEST UNITY—*National Mfg. Co. (Grain Separators)

WICKLIFFE—*Cleveland Brick Machinery Co. (Brick Machinery)
*Cleveland Crane & Engineering Co. (Cranes & Hoists)

WILLOUGHBY—*†§American Clay Machinery Co. (See Bucyrus, O.)

WILMINGTON—*Champion Bridge Co. (Structural Steel Work, etc.)
*Farquhar Furnace Co. (Hot Air Furnaces)
*Irwin Auger Bit Co. (Auger Bits, etc.)
†Wilmington Casting Co.

WOODSFIELD—*Loffland Bros.
*Curtis & Haire

WOOSTER—§Buckeye Aluminum Co.
*†Woodward Machine Co. (Steam Pumps, etc.)
†Wooster Machine Co.

XENIA—*†Kelly R. A. Co. (Shaping Machines, Machine Tools, etc.)

YOUNGSTOWN—§*Erb C. F.
§Falcon Bronze Co. (Brass & Bronze Castings, etc.)
*Fitzsimons Co. (Polished Steel Shafting)

OHIO—Youngstown—continued
*General Fireproofing Co. (Steel Products)
*McKay Geo. G. (Machine & Job Work)
*†§Mahoning Foundry Co. (Brass, Bronze & Small Grey Iron Castings)
*Pollock Wm. B Co. (Gas Works Machinery, etc.)
*†Republic Iron & Steel Co. (Grey Iron Castings, All Consumed by Co. also Machine Shop)
*†United Engineering & Foundry Co. (Rolling Mill Machinery & Castings). (See Pittsburgh, Pa.)
*†Youngstown Foundry & Machine Co. (Rolling Mill Machinery)
*Youngstown Furnace Co. (Malleable Iron Castings)
*†Youngstown Sheet & Tube Co.
*§Youngstown Steel Car Co. (Car Builders, etc.)
*Youngstown Wire & Iron Co. (Fire Escapes, etc.)
ZANESVILLE—*Brown Mfg. Co. (Plows, Agrl. Implts., etc.)
*Columbia Machine Co.
*†§Dockary H. V. Brass & Iron Co.
*†§Griffith & Wedge Co. (Engines, Saw Mill Machy., etc.)
*†Jones Chas H. (Stoves, etc.)
*Weller Samuel A. (Chemical Engines)
†Weidig Foundry Co.
†Zanesville Malleable Co. (Malleable Iron Fdrs.)
*Zanesville Mould Co.

OKLAHOMA.

ALVA—*Bickel T. W.
ARDMORE—*§Jones-Everett Machine Co.
BARTLESVILLE—*†§Larkin J. J. (Oil Well Tools)
*Marion Machine Fdry. & Supply Co.
†§Osage Fdry. & Mach. Co.
*†§Union Machine Co.
BLACKWELL—*Paine O. R.
COAL GATE—*†§Pounder H.
DEWEY—*Dewey Mfg. Co.
DURANT—*†§Durant Machinery & Iron Works
EL RENO—*†§El Reno Foundry & Machine Co.
†§Union Fdry.
ENID—*†§Enid Fdry & Machine Co.
*Kingham R. L.
*Young John A. Machine & Supply Co.
GUTHRIE—*†§Guthrie Iron Works
McALESTER—*†§Union Iron Works
MANGUM—*Boyle P. J.
MUSKOGEE—*Meister C. M.
*†§Muskogee Iron Works
§Muskogee Pattern Wks.
NOWATA—*†§Marion Machine, Fdry. & Supply Co.
*Vandivort Wm. M.
OKLAHOMA—†§*Fremont Motor Co.
†§*Klein J. B. Iron & Fdry. Co.
*†§Oklahoma City Foundry & Machine Co.
*Prest Machine Works Co.
*†§Sherman N. S. Machinery & Iron Works
*Southwestern Mfg. Co.
OKMULGEE—†§*United Iron Wks. Co.
SAND SPRINGS—†§Tulsa Stove & Fdry. Co.
SHAWNEE—*Fisher Alex.
†§*Shawnee Fdry. & Mach. Shop
*†§Wilkinson J. C.
TULSA—*†§Oklahoma Iron Works
†§*McEwen Mfg. Co.
*§Tulsa Machine & Tool Co.
*§Tulsa Stove Co. (Sand Springs)
WOODWARD—*Boyle Bros.

OREGON.

ALBANY—*†Albany Iron Works (Flour Mill, Mining, etc.)
*†§Watson Bros. Iron Works
ASHLAND—*†§Ashland Iron Works
ASTORIA—*†Pacific Iron Works (Mining & Saw Mill Machinery, etc.)
*†§Scow Bay Iron & Brass Works
BAKER—†Gyllenberg J. A.
*McKim & Co. (Machinery)
BANDON—†§Rogers W. F. Fdry.
BEND—†§Huffschmidt-Dugan Iron Wks.
DALLAS—†§*Dallas Iron Wks.
EUGENE—†§*Eugene Iron Wks.
*†§Frazer G. N.
*†Gross Bros. (Fdrs. & Machinists)
GRANTS PASS *†§Grants Pass Iron & Steel Works
GRESHAM—†§*Beaver Motor Car Co.
MARSHFIELD—†§*Coos Bay Iron Wks.
*†§Nelson Iron Works.
MEDFORD—†§*Medford Iron Wks.
NORTH BEND—*†§North Bend Iron Wks.
OREGON CITY—†Oregon City Foundry
OSWEGO—*†Oregon Iron & Steel Co. (See Portland)
PENDLETON—†§*Empire Mfg. Co.
*†§Pendleton Iron Works
PORTLAND—*Bell & Wildman, 619 Yeshur
*Bullington Engineering Works, Union av & E Ankeny
†Columbia Steel Co., 10th & Johnson. (See San Francisco, Cal.)
*Cornfoot, Wm., 28 Albin av
§Elec. Steel Fdry.
*§Harpers Brass Works (Brass Composition, Bronze, Machinists, etc.), 106 N. 5th
*Harris Ice Machine Works, 174 E. Water
*†Hess-Martin Iron Works (Engineers, Fdrs. & Machinists), 434 Belmont
*Hicks Burt (Machinist), 350 E. Oak
*Hippely Edward, 224 Oak
*†Independent Foundry Co. (Grey Iron Castings, Structural Steel), 743 York
*Isensee Wm. & Co. (Machinist), 414 B'way
*†Leach Bros., 614 Hood
*§Oregon Brass Works (Brass Castings, etc.), 2d & Everett
*†Oregon Iron & Steel Co., Concord bldg. (Works: Oswego)
*†Pacific Iron Works (Builders' Iron Works & Castings)
†§*Peninsula Iron Wks.
*†§Phoenix Iron Works, E. 3d & Hawthorne
*†Portland Iron Works, 14th & Northrup
†Portland Stove Works (Stoves), 626 Hood
*Portland Wire & Iron Works, 2d & Columbia
*†Smith & Watson Iron Works, 412 Front
†Standard Fdry. Co.
*Trenkman B. & Co., 106 N. 4th
*Tuerck I. K.
†Tuerck & Mackenzie Machine Co., 160 E 3d
*†Vulcan Iron Wks. (Chas. F. Machen, Prop.), Foot of Flanders
*Webber J. A., 368 E. Washington
†*Wood-Ewing Iron Wks.
*†Wood John Iron Works Co., E. 8th & E. Alder
ST. JOHNS—†Pacific Stove & Range Mfg. Co. (Stoves, etc.)
*†Peninsula Iron Works
SALEM—*Maurer John, 342-344 Center
*†§Salem Iron Works
*Wilson O. J., 388 N. Commercial
THE DALLES—*†Kirk J. B.
TILLAMOOK—†§*Feeney & Bremer Co.

PENNSYLVANIA.

ADAMSTOWN—*Shirk A. G.
ALLEGHENY—(See Pittsburgh)
ALLENTOWN—*†§ALDRICH PUMP CO. (Rolling Mill Machinery, High Duty Pumping Engines, etc.)
See adv index at end of book
Allentown Bobbin Works (Steel Bobbins)
*Allentown Experimental Works
†§*Allentown Fdry. & Mach. Co.
*Bonney Vise & Tool Works (Vises, Tools, etc)
See adv index at end of book
*§Brey & Krause Mfg. Co.
†Daugherty Foundry Co. (Grey Iron Castings, Grate Bars, etc.)
*Excelsior Knitting Machine Mfg. Co. (Knitting Machinery)
*Grammes L. F. & Sons (Machinery Bldrs.) *See adv index at end of book*
*International Motor Co. (See New York City)
†*Kline Hdwe. Co.
*Kutz & Gift (Capsule Moulds, etc.)
*†§Lehigh Portland Cement Co.
§*Mack Bros. Motor Car Co.
*†Mosser W. F. & Son (Iron Fdrs., Cement Machinery, etc.)
*Nadig C. H. Mfg. Co. (Gasoline Engines, etc.)
§Sitter Harry
*†§Spangler Chas. (Grey Iron & Brass & Bronze Castings)
*Taylor Wm. H. & Co.
*†Traylor Engineering & Mfg. Co. (Mining Machinery). (See New York City)
*§Vulcan Brass Works (R. Meisterknecht, Prop.)
ALTOONA—†§*Foster M. A. & Son
AMBRIDGE—*†§American Bridge Co. (Office, Pittsburg, Pa.)
ARDMORE—*Autocar Co.
ASHLAND—*†§Goyne Steam Pump Co. (Steam Pumps)
ATHENS—*†§Ingersoll-Rand Co. (See New York City)
See adv index at end of book
†§McDonald's T. R. Foundry
AVONMORE—*†National Roll & Foundry Co. (Rolling Mill & Plate Glass Machinery, etc.)
BANGOR—*†§Flory S. Mfg. Co. (Iron Fdrs., Hoisting Engines, Stone & Slate Working Machinery, etc.)
BEAVER FALLS—†Howard Stove Co. (Stoves & Ranges)
Ingram-Richardson Mfg. Co.
*†Keystone Driller Co. (Well Drilling Machinery, Pumps, etc.)
*†Knott & Harker Co. (Iron Fdrs, Pottery Machinery, etc)
*†Murphy Foundry Co. (Iron Castings, etc.)
*†Penn Bridge Co. (Steel Bridges & Foundry & Machine Work)
*Standard Gauge Steel Co. (Finished Machine Keys, Compressed Steel Elevator Guards, etc.)
*†§Standard Scale & Supply Co. (See Pittsburgh, Pa.)
BEDFORD—†Cromwell W. F.
BELLEFONTE—*†Bellefonte Engineering Co. (Grey Iron Castings, Steam Hammers, etc.)
BELLEVILLE—*†§Hertzler & Zook Co.
BELLWOOD—*†Bellwood Mfg. Co. (Car & R. R. Castings)
Williamson J. E. Co.
BENROY—*†Strickler B. F. & Sons (Tobacco Scrap Machinery)
BERWICK—*†§American Car & Foundry Co. (See St. Louis, Mo.)
BERWYN—*§American Bronze Co.
BESSEMER—*Carnegie Steel Co.
BETHLEHEM—*§Roller-Smith Co. (Electrical Instruments, etc)
BIRDSBORO—*†Birdsboro Steel Foundry & Machine Co. (Core Drills, Rolling Mill Machinery & Iron & Steel Castings, Turbine Castings, Marine Castings, Rock Crushers, Pressure Pumps, Presses, etc.)
BLAIRSVILLE—*†Blairsville Enamel Ware Co.
*Blairsville Machine Co.
†*Blairsville Sanitary Co.
*†Tittle C. L.
BLOOMSBURG—†*American Car & Fdry. Co.
*†Bloomsburg Car Mfg. Co.
*†Harman & Hassert
†§*Richard Mfg. Co.
†Vactor E. R. & Co.
BLOSSBURG—*†§Moore Thos. J.
BLUE BALL—*Shirk P. E. (Cigar Machines, etc.)
BOLIVAR—*†§Bolivar Foundry & Machine Co.
BOYERTOWN—Megerly Chas. O.
*Schlegel Daniel (Agrl. Implts.)
*†§Union Mfg. Co. (Sad-Irons, etc.)
BRACKENRIDGE—*†Allegheny Steel Co. (Machine Shop & Foundry for Own Use). Office: Pittsburg, Pa.
†West Penn Steel Co.
BRADDOCK—§Acheson Mfg. Co.
*†American Steel & Wire Co.
*†BRADDOCK MFG CO.
*†§Carnegie Steel Co. (See Pittsburgh)
*†§McVay-Walker Co. (Sanitary Enameled Cast Iron Goods, Bath Tubs, etc)
†Sterling Steel Fdry. Co.
BRADFORD—*†Blaisdell Machinery Co. (Gas Engines, Air Compressors, etc.)
*†§Bovaird & Co. (Engines, etc.)
*†§Bovaird & Seyfang Mfg. Co. (Engines, Boilers, Pumps, Oil & Gas Well Supplies, Well Drilling Machinery, etc.)
*§Bradford Motor Works (Oil Well Supplies & Brass Castings)

*§Caldwell E. R. & Co. (Iron & Brass Fdrs., Steam Engines, Pumps & Oil Well Supplies)
*Combination Engine & Compressor Co. (Gas Driven Compressors, Gas Engines, etc.)
*†Custer Coupling Co. (Couplings, Clamps, etc.)
*†Dresser S. R. Mfg. Co. (Pipe Couplings, Packers' Clamps, Sleeves & Fillings, etc.)
†§*Fowler Fdry. Co.
*Ley Jno. (Oil Well Tools, etc.)
†§*Locke Mach. Wks.
*McElwaine Mfg. & Auto Co. (Gas Engines, etc.)
*Phillips David Co. (Oil Well Tools, etc.)
*Tuna Iron & Steel Works (Oil Well Tools)
BRAEBURN—*Braeburn Steel Co. (Small Machine Shop for Own Use)
BRIDGEPORT—†§*Buch Fdry. Equipment Co.
*Gehret Bros.
BRISTOL—*Ardrey S. B. & Sons (Textile Machy., etc.)
†Harkins T. B. Foundry Co. (Stoves, Furnaces, etc.)
*†Standard Cast Iron Pipe & Foundry Co. (Cast Iron Pipe & Castings)
BROOKVILLE—†*Jenks M. H.
BROWNSVILLE — *†§Herbertson John Sons (Mine Cars, etc)
BRUNNERVILLE—*†Bentz Frank B.
BURNHAM—*†§Standard Steel Wks. Co. (Steel Castings, etc.). (See Phila., Pa.
BUTLER—*†Butler Car Wheel Co. (Car Wheels, etc.)
*†Butler Engine & Foundry Co. (Engines, etc.)
†Campbell J. G. & W. (Oil Well Supplies)
*†Evans Mfg. Co. (Ltd.) (Engines & Gas Well Supplies)
*Heeter C. M. Sons & Co. (Drilling & Fishing Tools, etc.)
*Kesselman & Co. (Oil Well Supplies)
*Larkin & Co. (Oil Well Tools, etc.)
*Masseth Packer & Machine Works (Oil & Gas Well Packers, Pumps, etc.)
*Phillips T. W. Gas & Oil Co. (Oil Well Supplies)
*†§Pittsburgh-Hickson Co. (Brass & Iron Beds)
§Poole Brass Fdry. Co.
*Spang & Co. (Oil & Gas Well Supplies, Tools, etc.)
*†Standard Steel Car Co. (Steel Cars & Trucks, etc.) (See Pittsburgh, Pa.)
CALIFORNIA—*†§California Foundry & Machine Co.
CANONSBURG—†Canonsburg Steel & Iron Works
*†§Fort Pitt Bridge Works. (See Pittsburgh, Pa.)
CARBONDALE — *†Carbondale Machine Co. (Ice & Refrigerating Machy.)
*†Cross Engineering Co. (Coal & Ore Machinery, etc.)
*Hendrick Mfg. Co.
CARLISLE—*†Frog Switch & Mfg. Co. (Frogs, Switches, etc)
†Gardner E. J. Axle & Machine Co. (Axles & Machine Work)
CARNEGIE—*†Adler H. Co. (Gas Stoves, etc.)
*†§Dixon H. L. Co. (Glassmakers' & Potters' Supplies)
CATASAUQUA—*†Davies & Thomas Co. (Wrought & Machine Iron Castings for Every Purpose)
§Hercules Metal Works (Brass, Bronze & Copper Castings, etc.)
*Lenox Mfg. Co. (Sewing Machine Attachments)
CENTER HALL—*Haney Carriage & Machine Co.
CHAMBERSBURG—*†§Chambersburg Engineering Co. (Steam Hammers, Cranes, etc.)
*†Hafer Foundry & Machine Works
*Hug A. C. (Machinist)
*†§Quincy Engine Co. (Gasoline Engines)
*Schal Jno. D. & Co.
*†§Wolf Co. (Flour Mill ½ Power Transmitting Machinery)
*†Wood's T. B. Sons Co. (Power Transmitting Machy.)
CHARLEROI—†*Charleroi Iron Wks.
CHERRY TREE—†§*Cherry Tree Mach. Co.
CHESTER—*†American Steel Foundries (Open Hearth Steel). (See Chicago, Ill.)
*Baldt Anchor Co. (Anchors, etc.)
*Berry Engineering Co. (Steam Specialties)
*Black John B. Co. (Est. of) (Edge Tools, etc.)
†Boulden Wm. M. & Son (Jobbing)
†Chester Steel Castings Co. (Open Hearth Steel Castings)
*Cheyney Jno. H. & Co. (Machinists)
§Crown Smelting Co. (Brass Fdrs. & Machinery Castings, etc.)
†*Delaware River Iron Shipbuilding & Engng. Wks.
*†Federal Steel Foundry Co. (Open Hearth Steel Castings)
†Keystone Steel Casting Co. (Crucible Steel Castings & Gear Blanks)
*Niagara Hydraulic Engine Co. (Hydraulic Engines, etc.)
Penn Steel Castings & Machine Co.
Seaboard Steel Casting Co.
*†Wetherill Robt. & Co. (Corliss Engines, Paper & Pulp Mill Machy., etc.)
CHESTNUT LEVEL—*Brown J. Edgar
CHICORA—*Bowers Warren
CHRISTIANA—*†Christiana Machine Co. (Mill Machy.)
CLEARFIELD—*†Clearfield Machine Shops (Fire Brick Machy., etc)
*Gearhart Knitting Machine Co. (Knitting Machines)
CLEONA—*Imboden Harrow & Roller Co. (Agrl. Implements)
COATESVILLE—*†Coatesville Foundry & Machine Co. (Grey Iron Castings, etc.)
*†§Lukens Steel Co. (Steel Castings, all Consumed by the Company; also Machine Shops for Repairs)
*Midvale Steel & Ordnance Co. (See Phila.)
*†Ridgway, Craig & Son Co. (Elevators, etc)
CODORUS—*†Auchey's Abraham G. & Sons (Iron Fdry., etc.)
COLLEGEVILLE—†*Freed Heater Co., Inc.
COLUMBIA—*†Columbia Mfg. Co. (Laundry Machy.)
*†Keeley Stove Co. (Stoves, Ranges & Furnaces)
*O. K. Clutch & Machinery Co. (Power Transmission Machinery)
†§U. S. Lock & Hardware Co.
CONNELLSVILLE—*†Boyts, Porter & Co. (Steam Pumps, etc.)
*†Connellsville Iron Works (Boilers, Tanks, etc.)
*†§Connellsville Machine & Car Co. (Pumps, Engines, Mine Fans & Iron & Brass Castings, etc)
*†§Connellsville Mfg. & Mine Supply Co. (Coal & Coke Works Equipment)
†Cypher J. L.
McCairns Fdry. Co.
†Munson Heater Co. (Ltd.) (Heaters, etc.)
CONSHOHOCKEN—*†§Bate Wm. T. & Son
*†Messinger's H. C. Sons (Stoves, etc.)
*†Wood Jno. Mfg. Co. (Boilers, Tanks & Iron Fdrs.)
CORAOPOLIS—*†§Duquesne Steel Foundry Co. (See Pittsburgh, Pa.)
*Shamburg & Allen Machine Co.
CORRY—*†Ajax Iron Works (Steam Engines)
*†§Climax Mfg. Co. (Logging Locomotives & Cars, etc.)
*†§Love Mfg. Co. (Grate Bars, Mine Car Wheels, etc.)
*Trill Indicator Co. (Indicators, Reducing Wheels, etc.)
*†§U. S. Brake Shoe Co. (& Walton, N. Y.)
COUDERSPORT — *Coudersport - Mangle Roller Mfg. Co. (Mangle Rollers)
COWANESQUE—*†§Rieppel John (Tools, etc.)
CREIGHTON—†Yost Bros.
CRUM LYNNE—*Eagan-Rogers Steel & Iron Co. (Steel Castings)
DALTON—*†§Dalton Supply Co.
DANVILLE—Brown Will G. (Machinist)
*†§Danville Foundry & Machine Co. (Rolling Mill Machy., Engines, Grey Iron & Brass Castings, etc.)
†Danville Stove & Mfg. Co. (Stoves & Furnaces)
DELTA—†*Roberts R. & Son
*Sidwell C. W. & Son
DICKSON CITY—†Early Foundry Co.
DUBOIS—*†§Dubois Iron Works (Mining, Tannery & Saw Mill Machinery, Grey Iron Castings, etc.)
§*Nopack Brass Mfg. Co.
*†§Osborn Machine Co. (Brass & Grey Iron Castings & Machine Work)
EAST BANGOR—*†East Bangor Mfg. Co. (Castings & Specialties)
EAST BROOK—*Hinkson Bros. (Machinists)
EAST DOWNINGTON — *†§Downington Mfg. Co. (Paper & Pulp Mill Machy., etc.)
EAST GREENVILLE—*†Haas Harvey B.
†Keystone Motor Mfg. Co.
EASTON—§*Butler Edwards Elec. Co.
*§Easton Brass & Machine Works
†§*Hawley Down Draft Furnace Co.
*Hobson & Co. (Agrl. Implmts. & Machy.)
*†§Ingersoll-Rand Co. (See New York City) *See adv index at end of book*
†Kuebler Foundries (Grey & Malleable Iron & Steel Castings)
*†Treadwell Engineering Co. (Pipe Cutting & Threading Machines, Heavy Castings, etc.)
†*Wharton Wm. Jr. & Co., Inc.
*†Wilson Bros.
*†Wilson Jacob (Est. of)
†Wilson Stove & Mfg. Co. (Stoves, etc.)
EAST PITTSBURGH — *§ PITTSBURG METER CO. (Gas Meters, etc.)
*†§WESTINGHOUSE ELECTRIC & MFG. CO. (Electrical Machinery, Engines, etc.)
See adv index at end of book
†§*Westinghouse Mach. Co.
EAST PROSPECT—†Strickler Frank
EAST STROUDSBURG—Cameron Engineering Co, (Cranes & Trolleys)
See adv index at end of book
*†§Stauffer Geo. E. (Engines & Flour Mill Machinery, etc.)
EAST WATERFORD—†Smith Joseph S.
ECKERT—*Sittler Peter (Wagons)
EDDYSTONE—†Baldwin Locomotive Works
*†Belmont Iron Works. (See Phila., Pa.)
*†Eddystone Mfg. Co. (See Burnham, Williams & Co., Philadelphia, Pa.)
†Pennsylvania Iron Works Co. (Marine Engines)
*Tindel Morris Co. (Machine Tools, etc.)
ELIZABETHTOWN—*†§Buch's A. Sons Co. (Lawn & Road Rollers, Fanning Mills)
ELIZABETHVILLE — *†§Swab Foundry Co. (Castings, etc.)
ELKLAND—*†§Bedell Andrew S.
ELKLICK—*Haselbarth C. R. & Son (Hardware, etc.)
ELLWOOD CITY—*§Burrows Foundry Co. (Iron Castings)
†§Ellwood Foundry Co.
*Mathews Gravity Carrier Co. (Conveying Machy.)
†*Shebly Steel Tube Co.
*†Standard Engineering Co. (Rolling Mill)
*†Steel Car Forge Co. (See Pittsburg, Pa.)
*Tindel-Morris Co. (Machine Tools, etc.). (See Eddystone, Pa.)
ELYSBURG—*†De Shay D. H. (Farm Implements & Castings of All Kinds)
EMAUS—*†Donaldson Iron Co. (Cast Iron Pipe)
EMLENTON—†*Crawford David A.
EMPORIUM—*†§Emporium Machine Co.
EPHRATA—*†Ephrata Foundry & Machine Works (Castings & Cast Iron Troughs, etc.)
ERIE—†American Beauty Stove Co. (Stoves, etc.)
*§American Sterilizer Co.
*†Ball Engine Co. (Steam Engines, Castings, etc.)
*Bay State Iron Works (Portable Engines, etc.)
*Brown Folding Machine Co. (Paper Folding Machines, etc.)
*Burke Electric Co. ("Burke" Electric Motors, etc.)
*Bury Compressor Co. (Air Compressors, Vacuum Pumps, etc.)
*§Campbell J. B. Brass Works (Brass Fdry. & Finisher & Plumbing Goods)

PENNSYLVANIA—Erie—continued
†Cascade Foundry Co. (Grey Iron Castings)
*Chapman C. L. Cream Separator Works
*†Erie City Iron Works (Steam Engines, etc.)
*Erie Clutch & Pulley Co.
*Erie Engine Works (Steam Engines, etc.)
*†Erie Foundry Co. (Steam Hammers, etc.)
*Erie Machine Shops (P. W. Dietley, Prop.)
*†Erie Malleable Iron Co. (Malleable)
*Erie Specialty Co. (Hdw. Specialties, etc.)
*Erie Tool Works (Pipe Cutters, Vises, etc.)
§Erie White Metal Co. (Babbitt Metal, etc.)
†Freez Stove & Mfg. Co. (Stoves, etc.)
*Fulton Mfg. Co. (Marine Engines)
*§Germann Bronze Co. (Brass & Bronze Castings)
†§Germer Stove Co. (Stoves, etc.)
†Globe Iron Works
*Griffin Mfg. Co. (Builders' Hdw., etc.)
†*Griswold Mfg. Co.
*Harrington Machine Co. (Machine Tools, etc.)
*§Hays Mfg. Co. (Iron & Brass Goods for Gas & Water)
*Heisler Locomotive Works (Geared Locomotives, etc.)
*Hollands Mfg. Co. (Bench Vises & Pipe Tools), 352 E 18th
*†§Jarecki Mfg. Co. (Iron & Brass Fdrs., Malleable & Grey Iron Steam Fittings & Oil & Gas Well Supplies, etc.)
*§Keystone Brass Wks.
†Lakeside Fdry. Co.
§Lippold Valve Co.
*Lovell Mfg. Co. (Clothes Wringers, etc.)
*Merwin Mfg. Co. (Bench Shears, etc.)
*§Metric Metal Works (Gas Meters)
*Modern Tool Co. (Dies, Tools, etc.), 300 State
*†Nagle Corliss Engine Works (Corliss & Automatic Engines & Heavy Castings)
*†Nagle Engine & Boiler Works (Steam Engines, etc.)
†National Foundry Co. (Steel Castings)
†Odin Stove Mfg. Co. (Gas Stoves, etc.)
*Parker White Metal & Machine Co. (Castings)
†Patterson & Stirling (Hot Air Furnaces)
†Penna. Boiler Works
*Reed Mfg. Co. (Laundry Machy, Dies, etc.)
*Sims Co. (Steam Specialties), 18th & Whitley av
*†Skinner Engine Co. (Steam Engines, etc.)
*Standard Saw Mill Machinery Co. (Saw Mill Machinery, etc.)
*Steiner Mfg. Works (Tools, Emery Grinders, etc.)
*†Union Iron Works (Boilers, etc.)
†Urick Foundry Co. (Grey Iron Castings)
*§Victoria Metal Co.
†Walker Foundry Co. (Grey Iron Castings)
*Watson N. A. (Boiler Injectors, etc.)
*Williams Tool Co. (Pipe Threading & Bolt Cutting Machines, etc.)

ETNA—†Etna Foundry Co. (Sash Weights)
§Roessing Bronze Co. (Brass & Bronze Fdrs., etc.)
*Spang, Chalfant & Co. (Works Contain Two Machine Shops). (Office: Pittsburgh, Pa.)

EVERETT—*†Pettigrew Wm.

FLEETWOOD—*Merkel A. P.

FORD CITY—*†§Pittsburgh Plate Glass Co. (See Pittsburgh, Pa.)

FRANKLIN—*†American Steel Foundries (Steel Castings)
*†Chicago Pneumatic Tool Co. of N. J. (See Chicago, Ill.)
*Colburn Machine Tool Co. (Boring & Turning Mills, Sew Tables, Drill Presses, etc.)
*†Emery W. N. & Son (Iron Fdrs. & Machinists)
§Franklin Brass & Bronze Co.
†Franklin Fdry. Co.
*Franklin Portable Crane & Hoist Co. (Portable Cranes & Hoists), Printz blk.
†French Creek Fdry. Co.
*§Hough Chas. N. Mfg. Co. (Oil Well Specialties, Brass Founders, etc.)
*†Lane D. T. & Sons
*Milton S. G. & Son (Hoists, etc)
*Producers' Supply Co. (Gas & Gasoline Engines & Oil Well Supplies)
*Sheridan Jas & Sons
*†Venango Mfg. Co. (Railway Specialties)

FREEBURG—*†§Harman & Moyer

FREEMANSBURG—†Shimer Wm. Son & Co. (Iron Founders & Hardware Specialties)

FULLERTON—*†§Dent Hardware Co. (Hardware, etc.)
Fuller-Lehigh Co. (Cars, Wheels & Axles, etc.)
*†Lehigh Foundry Co. (Light & Heavy Grey Iron Castings, Rubbing Beds, etc.)

GETTYSBURG—†*Gilbert Calvin

GIRARD—*Girard Model Works
†Lake Erie Foundry Co. (Grey Iron Castings, Stoves, etc.)
§*Milner Mfg. Co.

GLASSMERE—†*Allegheny Fdry. & Mach. Co.

GLASSPORT—*American Axe & Tool Co.
*†Pittsburgh Steel Foundry Co. (See Pittsburgh, Pa.)

GREENCASTLE—*Waeck Henry S. (Agrl. Implts.)

GREENMOUNT—*Null Geo. W.

GREENSBURG — *†§Hempfield Foundry (Mine Cars, Wheels, etc.)
*Henry & Sheffler Machine & Auto Co.
*†§Kelly & Jones Co. (See Pittsburgh Pa.)

GREENVILLE—Chicago Bridge & Iron Works, 108 Pine (See Chicago, Ill.)
See adv index at end of book
*†§Hodge Mfg. Co. (Iron Fdrs. & Machinists)

GROVE CITY—†Bessemer Foundry Co. (Grey Iron Castings)
*†Bessemer Gas Engine Co. (Gas Engines)
*Bessemer Motor Truck Co. (Auto Trucks)
*Carruthers & Fitlian Clutch Co. (Clutches, etc.)
§Grove City Brass & Bronze Co.

GROVETON—*†Lewis Foundry & Machine Co. (See Pittsburgh)

HAMBURG—†Confer, Smith & Co.
†Hamburg Plow Works
*†Keiser Bros. (Radiators, etc.)
*†Loose Saml. A. & Son (Plows, etc.)
*†Neiman & Saul
*Snell John H. & Sons

HANOVER—*†§Fitz Water Wheel Co. (Water Wheels)
*Flickinger Bros.
*Flickinger John D.
*†Levering Bros.

HARMONY—*†Flowers Foundry Co.

HARRISBURG—*†Boll Bros. Mfg. Co. (Iron & Brass Bedsteads)
†Central Iron & Steel Co.
*†Cooper E. N. & Co.
*Elliott-Fisher Co. (Book Typewriters & Billing Machines)
§Harrisburg Brass & Bronz Foundry
*Harrisburg Foundry & Mach. Works (Steam Engines, etc.)
*†Harrisburg Mfg. & Boiler Co.
*Harrisburg Pipe & Pipe Bending Co. (Pipe & Coil)
*Harrisburg Roll Grinding & Corrugating Co.
*†§Hickok W. O. Mfg. Co. (Bookbinders' Machy., Iron & Brass Fdrs)
†Lalance & Grosjean Mfg. Co. (See New York City)

HAZLETON—*Anthracite Separator Co.
†§*Coxe Traveling Grate Co.
†§*Grass Mfg. Co.
*Harleigh Iron Works Co.
*†§Hazleton Iron Works Co. (Fdrs. & Machinists)
†§*Jeansville Iron Wks. Co.
†§*Wilmot Engng. Co.
*†§Worthington Pump & Machinery Corp. (Jeanesville Works)

HITES—†*Yost Bros.

HOKENDAUQUA—†Thomas Iron Co.

HOLLIDAYSBURG—*†§McLanahan-Stone Machine Co. (Iron Fdrs. & Stone Working Machinery, etc.)

HOLLISTERVILLE—†*Mott J. B.

HOMESTEAD — *†Carnegie Steel Co. (Fdry. Dept.) (See Pittsburg)
*Homestead Iron Works
*†§Homestead Valve Mfg. Co. (Valves & Steam Goods, Iron & Brass Fdrs.)
*†§Mesta Machine Co. (Rolling Mill Machinery & Castings, etc.) (See Pittsburgh)
*†National Car Wheel Co. (See Pittsburgh, Pa.)

HONESDALE—*Gibbs Chas. E.
*†§Gurney Electric Elevator Co.

HOPEWELL—*†§Simon John W.

HUGHESVILLE—*†§Snowden Bros.

HUNTINGDON—†*Atlantic Radiator Co.
*†§Gerloch H. W.

HYDE PARK—*†§Hyde Park Fdry. & Mach. Co. (Rolling Mill Machy. & Castings)

INDIANA—†Indiana Foundry Co.
†Penn. Enamel Sink Co.

IRVONA—†Central Fdry. Car Co.

IRWIN—*†§Irwin Foundry & Mine Car Co.
*Penn Electrical & Mfg. Co.

IVYLAND—*Hobensack Wm.

JEANNETTE—*†Elliott Co. (Mine Fans)
†*Greensburg Fdry. & Mach. Co.
*Jeannette Machine Co.
*†Pittsburg Lamp, Brass & Glass Co. (See Pittsburg, Pa.)

JERSEY SHORE—*§American Balance Valve Co. (Valve Mfrs., etc.)
†§Trump F. & E. D. (Iron Fdrs. Machinists)

JOHNSONBURG — *†§Johnsonburg Machine Co.

JOHNSTOWN — *†§Cambria Steel Co. (Founders, Machinists & Steel Mfrs.)
*Century Stove & Mfg. Co. (Gas Stoves, etc.)
*Flood City Mfg. Co. (Brass & Bronze Parts & Castings, for Electric Railway, Mills & Mines)
†Globe Iron Foundry Co.
*†§Lorain Steel Co.
*†National Radiator Co. (Radiators, etc.)
†Penn. Fdry. Co.
*†§Suppes Forge & Foundry Co. (Iron & Brass Castings, Mining Machinery & Mine Cars)
†Union Radiator Co.

KANE—*Kane Supply Co. (Machinists)
*†Moser Mfg. Co.

KENNETT SQUARE—*†American Road Machinery Co. (Road Making Machy., etc.)
*†Good Roads Machinery Co. (Road Making Mach'y)
*†§Kennett Foundry & Machine Co.

KITTANNING—*†§Hoey & Gallaher Fdy. & Machine Co.
†§*Kittanning Iron & Steel Mfg. Co.
†McCullough Jas., Jr. (Iron Fdry., etc.)

KUTZTOWN — *†**KUTZTOWN FDRY. & MACHINE CO.** (See Philadelphia, Pa.) *See adv index at end of book*

LACEYVILLE—Edwards Mfg. Co. (Log Turners, etc.)
*Vandervort John

LAMAQUA—†§*Eagle Iron Co.

LANCASTER—*†§Barry & Zecher Co. (Foundry Cupolas, etc.)
*Bowman's Ezra F. Sons (Watchmakers' Tools, etc.)
*Calder Geo. H. (Emery Wheel Dressers)
§†Carbon Steel Casting Co.
*†Champion Blower & Forge Co. (Iron Fdrs., Blowers, Portable Forges, etc.)
*Dellinger A. M. (Machines)
*Fidelity Electric Co. (Electric Motors & Fans)
*§Fraim Edw. T. Lock Co. (Locks, Castings, etc.)
See adv index at end of book
*Hamilton Watch Co. (Watches, etc.)
*†§Hubley Mfg. Co. (Light Grey Iron Castings, Brass Pattern Work, etc.)
*Koch Alfred S. & Sons (Jewelers' Tools, etc.)
†Lancaster Foundry Co. (Malleable Iron Castings)
†*Lancaster Iron Wks., Inc.
†Lancaster Machine & Structural Works
*§Miller J Walter Co.
†Monitor Bi-Loop Radiator Co.

*National Safety Fifth Wheel Co. (Fifth Wheels. etc.)
*Potts D. H. Co. (Portable Forges, etc)
*§Safe Padlock & Hardware Co. (Shelf Hdwe. & Brass Castings)
*Schmid Bros.
*§Slaymaker Lock Co. (Locks, etc.)
*Vondersmith Harry M.
*Welchans Albert C. (Elevators, etc.)

LANDISVILLE—†§*Keystone Boiler & Fdry. Co.
*Minnich Machine Works (Baling Presses, etc.)

LANESBORO—*†Barnes Mfg. Co. (Machinists, etc.)

LANSDALE—*†Central Radiator Co.
†Cox Abram Stove Co. (Stoves, etc.) (See Philadelphia, Pa.)
*†§Heebner & Sons (Agrl. Implts., Grey Iron & Brass Castings)
*†Krupp Foundry Co. (Cast Iron Pipe & Fittings, etc.)

LANSDOWNE—†Crucible Steel Casting Co. (Steel Castings)

LATROBE—*†Latrobe Electric Steel Co. (Castings)
*§West Latrobe Foundry & Machine Co.

LATTIMER MINES.—*†§Lattimer Fdry. & Machine Co.

LEBANON—*†Buchanan Fdy. Co. (Iron Fdrs.)
†§Freshley N. S.
*Fry Edward G.
*†Hunsicker Engineering Co. (Castings, etc.)
†Iron City Foundry Co. (Iron Castings)
*†**LEBANON GEAR & MACHINE WORKS,** 17th & Forge
See adv index at end of book
†Lebanon Steel Foundry (Crucible Steel Castings)
†Lebanon Stove Co. (Stoves)
*Louden Machine Works
*†§North Lebanon Foundry Co.
*†§Umberger J. R. & H. G.
†Union Boiler & Mfg. Co.
†§Washington Street Brass & Iron Fdry
*†Weimer Chain & Iron Co.
*†§Weimer Machine Works Co. (Rolling Mill & Blast Furnace Machinery, etc.)

LEETSDALE — †Leetsdale Fdry. & Mfg. Co.
*Tate, Jones & Co.
See adv index at end of book

LEHIGHTON—†Crescent Stove & Mfg. Co. (Stoves, etc.)
†Diamond Iron Wks.
*Lehigh Stove & Mfg Co. (Hot Air Furnaces, etc.)

LEMOYNE—§Lemoyne Brass Fdy.

LEOLA—*Leola Machine Co.

LEONA—Ely E. C. Co. (Hdw. Specialties, etc.)

LERAYSVILLE—†Bailey E. M. & Son (Iron Fdry. & Plows, etc.)

LEWISBURG—*†§New Central Foundry Co.

LEWISTOWN—*†§Lewistown Fdry. & Machine Co.
*Mann Edge Tool Co. (Edge Tools, Axes, etc.)
*Mann Jas H. Co. (Tools, Axes, etc.)

LIBERTY—†*Miller R. N.

LINESVILLE—*Van Slyke F. J. & Son

LINFIELD—†§*Sanitary Co. of America

LITTLESTOWN—†*Littlestown Hdwe. & Fdry.

LOCKHAVEN—†Novelty Iron Works

LOCUST VALLEY—*†Hersh Harvey M.

LUZERNE—*†§Luzerne Mfg. Co. (Mine Drills, etc.)

LYKENS—†*Eagle Iron Wks.

McDONALD—*Tillinghast B. D. (Machinist)

McEWENSVILLE—†Gearhart Wm. L. & Son

McKEESPORT—†Fort Pitt Steel Casting Co. (Steel Castings)
*†Monongahela & Yough Foundry Co.
*†National Tube Co. (Foundry Dept.). (See Pittsburgh.)
*§Sheermesser H. S.
*Smith, Nimmo & Co. (Ornamental Iron Work)

McKEES ROCKS—†Fort Pitt Malleable Iron Co. (See Pittsburgh, Pa.)
*McKay Jas. Co. (Chains, etc.). (See Pittsburg)
*†Pressed Steel Car Co. (See Pittsburg)
*†Taylor-Wilson Mfg. Co. (Iron Founders, Pipe Mill & Special Machy., Machine Moulded Gears, etc.)

McVEYTOWN—*†Stine Samuel R.

MACUNGIE—*§Macungie Brass & Mfg. Co.
*§Neumeyer H. F. & Son (Brass Fdry. & Nozzles & Couplings)

MAHANOY CITY—*†§Grant Iron Works (Steam Engines & Pumps, Car Wheels, etc.)

MANHEIM—*†Bond Foundry & Machine Co. (Power Transmitting Machinery)
*†Hershey Machine & Foundry Co.

MANSFIELD—†§*Lomlinson De Witt C.

MARIANNA—*†§Johnetta Fdry. & Machine Co.

MARIETTA—†Marietta Casting Co.
*†Marietta Hollow Ware & Enameling Co.
†National Castings Co.

MARS—*Sheridan Jno. J. & Co. (Machinists & Drilling Tools)
*†Velte Foundry & Machine Co. (Grey Iron Castings, also Machine Shop)

MAUCH CHUNK—*†Mauch Chunk Iron Wks. (Coal Miners Machinery, etc)

MEADVILLE—*Barrette Machine Tool Co. (Machine Tools, etc.)
*§Bronze Metal Co. (See New York, N. Y.)
*Champion Tool Co. (Blacksmiths' Tools)
*Dowell H.
*Hookless Fastener Co.
†Jones Fdry. Co.
*McCrosky Reamer Co. (Chucks, Reamers, etc.)
†Meadville Malleable Iron Co. (Malleable Iron Castings)
*Meadville Metallic Vault Co.
*Meadville Wrench Co. (Wrenches, etc)
*†Page W. H. Boiler Co. (Heaters, etc.). (Office: New York City)
*†Phoenix Iron Works Co. (Steam Engines, etc.)
*Spirella Co.
*Yost G. M. Mfg. Co. (Vises, etc.)

MECHANICSBURG—*Comstock Geo. S. & Son
*Potts Mfg. Co. (Machinists, etc.)
*Wilcox D. Mfg. Co. (Carriage Hdw., etc.)

MEDIA—*Wood Wm. H. (Special Machy., etc.)

MERCER—†Reznor Mfg. Co. (Gas Stoves, etc.)

MEYERSDALE—*†§Boucher Milton H. (Iron Founder)

MIDDLETOWN—*†Middletown Car Co. (Cars & Castings)
*†§Wincroft Stove Works

MIDLAND—*†Pittsburgh Iron & Steel Foundries Co. (Axle Boxes, Brake Shoes, Iron Fdrs., etc.)

MIFFLINBURG—*†Albright Jas. H. & Sons (Agrl. Implements, Cultivators, Harrows, Rakes, etc.)

MILFORD SQUARE—*Weisel Harvey H.

MILLERSBURG—*Alvord Reamer & Tool Co. (Reamers)
*Lenker Frank K. & Co. (Saw Mill Machinery)
*Millersburg Fifth Wheel Co. (Fifth Wheels, etc.)
*Polk A. J. & Son (Screw Plates, Taps, Dies, Reamers, etc.)

MILLHEIM—*†Hartman J. H. B. Co.

MILTON—*†American Car & Foundry Co. (See St. Louis Mo.)
*Milton Mfg. Co. (Nuts, Washers, etc.)
†§Shimer Sam'l J. & Sons (Ettinger Cutter Heads, etc.)

MONACA—*†United States Sanitary Mfg. Co. (See Pittsburgh, Pa.)

MONESSEN—*†§Monessen Fdry. & Machine Co.
*Page Steel & Wire Co.
See adv index at end of book

MONONGAHELA—*†§Coshocton Iron Co. (Iron Castings, etc.)
*†Cyclops Foundry Co. (See Pittsburgh)
*Liggett Spring & Axle Co. (Carriage Axles & Springs, etc.) (See Pittsburgh, Pa.)
*Simmons Foundry & Machine Works
*Tempest & Ternent

MONROETON—*†§Loetzer Valve & Mfg. Co. (Valves, Fire Hydrants, etc.)

MONT CLARE—†Hallman Oliver F. (Cast Iron Pipe Fittings)

MONTGOMERY—*†American Woodworking Machinery Co. (Woodworking Machy.) (See Rochester, N. Y.)

MONTROSE—*†Beach Mfg. Co. (Woodworking Machinery)

MORGANTOWN—*Sweigart Abraham R. (Jobbing)

MOSCOW—*†§Swartz Philip & Sons

MOUNT CARMEL—*†§Mount Carmel Iron Wks. (Coal Mining Machinery, etc)

MOUNT JEWETT—*Weeks Scale Works (Sales, etc.)

MOUNT JOY—*†§Grey Iron Casting Co. (Hardware Specialties & Light & Heavy Castings)
*†New Standard Hardware Works (Food Choppers, etc.)
*Rollman Mfg. Co. (Ltd.) (Iron Novelties)

MOUNT PLEASANT—†Lentz Henry

MOUNT UNION—†*Dixon H. L. Co.

MOUNTVILLE — *†Mountville Mfg. Co. (Agrl. Implts., Plows, Planters, Corn Shellers, etc.)

MUNCY—†Artley Bros. (Agrl. Implts.)
*†Robinson Mfg. Co. (Flour Mill Mchy.)
*†§Sprout, Waldron & Co. (Flour Mill Machinery, etc.)

MYERSTOWN—†Dubble & Zinn
*Myers E. H. Mfg. Co. (Gasoline Engines, etc.)
†§*Myerstown Fdry. & Mfg. Co.
*†Painter Jos. & Sons

NANTICOKE—*Bittenbender W. W. & Co. (Machinists & Mine Drills)
*Norman Slate Picker Co. (Slate Picking Machines)

NAZARETH—*†Nazareth Foundry & Machine Co. (Iron Castings & Machine Work)

NEW BRIGHTON—†Damascus Crucible Steel Casting Co.
§Keystone Bronze Co.
*Pittsburg Machine Co. (Gas or Gasoline Engines)
§Riedel & Sons Mfg. Co.
*†Standard Sanitary Mfg. Co. (See Pittsburgh, Pa.)
*Standard Specialty & Tube Co. (Collapsible Tube Filling & Closing Machines)
*Townsend Co. (Wire Rivets, Nails, etc)

NEW CASTLE—*Douds Frank C. & Co. (Steam & Water Specialties)
*§Johnson Bronze Co. (Brass Car Trimmings & Castings)
*New Castle Steel & Iron Co. (See Pittsburgh, Pa.)
*†Penna Engineering Works (Rolling Mill Machy. & Castings)
†Stove & Range Co. of Pittsburgh

NEW HOLLAND—†*New Holland Mach. Co.

NEW KENSINGTON—*†Aluminum Co. of America. (Office: Pittsburg)
§Aluminum Cooking Utensil Co.
*†Union Spring & Mfg. Co. (Springs, Steel Castings, etc.)

NEW OXFORD—*†Weaver & Co. (Feed Cutters, etc.)

NEWPORT — †Juniata Furnace & Fdry. Co.

NEWSIDE—*†Peter F. N. & Bro. (Iron Railings, etc.)

NEWVILLE—*Whistler J. C.

NORRISTOWN—*†Fowler & Wolfe Mfg. Co. (Radiators). (See Phila., Pa.)
*†Haines, Jones & Cadbury Co. (See Philadelphia, Pa.)
*†Harrison Safety Boiler Works. (See Philadelphia, Pa.)
*Lowndes & Butler
*†Newbold R. S. & Son Co. (Rolling Mill Machy. & Castings, etc.)
*Reading Screw Co. (Screws & Specialties)
*Rittenhouse Frank (Confectioners' & Tack Machy., etc.)
*Rittenhouse Wm. H.
*Walton Luther
*†§Wildman Mfg. Co. (Knitting Machines)

NORTH EAST—§*Elec. Materials Co.
*§Eureka Co. (Commutators, etc)
*†Fernald Mfg. Co. (Hardware & Harness Specialties)

NORTHUMBERLAND—*Keystone Forging Co. (Fifth Wheels, etc.)

NORTH WALES—*Armstrong Truck Co. (Trucks & Casters)
†North Wales Foundry Co. (Grey Iron Castings)

PENNSYLVANIA—North Wales—cont'd
*†§North Wales Machine Co. (Hack Saw Machines, Bench Grinders & Grey Iron & Brass Castings)
OGONTZ — *Hammond C. & Son (Edge Tools, Hammers, Sledges, etc.)
OIL CITY—*Boardman Robt. Co. (Oil & Gas Well Tools, etc.)
*Condrin Mrs. Wm. Marine (Machinist)
*Logan Robt. (Engines & Oil Well Supplies)
*†§Oil City Boiler Works (Steam & Gas Engines, etc.)
†Oil City Foundry Co.
*†§Oil Well Supply Co.
*†§Reid Jos. Gas Engine Co. (Gas Eng., etc.)
*Simon August (Machinists)
OLYPHANT—†Olyphant Foundry Co.
ORANGEVILLE—*†§Conner J. W. & Son (Agrl. Implts. & Castings)
OSCEOLA MILLS—*†§Stine S. B. (Mine Fans, Haulage, Engines, etc.)
PALMERTON—†§*N. J. Zinc Co. of Pa.
PARKERS LANDING—*Schenck Mfg. & Supply Co.
PARKERSBURG—*Parkersburg Stamping & Mfg. Co.
PATTON—*Cole Bros. (Machinists)
PENN STATION—*†American Fdry. & Pipe Co. (See Pittsburg, Pa.)
*†§Hockensmith Wheel & Mine Car Co.
PERKASIE—*Kramer Wm. K.
PETROLEUM CENTER—*Betts W. L.
PETROLIA—*Berry Lewis D.
PHILADELPHIA—†Adams Wm. Fdry. Co. (Iron Fdrs., Builders' & Other Castings, etc.), 960 N. 9th
§Adams & Westlake Co., 2218 W Ontario. (See Chicago, Ill.)
†Aetna Foundry Co., 22nd & Allegheny av
§Ajax Metal Co. (Brass Fdrs., Smelters & Bearings, etc.), 46 Richmond
*Albro-Clem Elevator Co. (Elevators), 7th & Glenwood av
*Allen Alonzo W. (Machinist), 2427 Mascher
*Allen A. & Co. (Machinists), 2001 Carpenter
*Allen Iron & Steel Co., 3rd & Venango
*†Allen S. L. & Co. (Agrl. Implts.), Denckla bldg
*Altemus Jacob K. (Textile Machy.), 2824 N 4th
*†§American Bridge Co. of New York (Pencoyd Works), Penn. bldg
*†American Engineering Co. (Stokers, Windlasses, Hoisting Engines, Iron Castings, etc.), Aramingo & Cumberland
*†American Fork & Hoe Co. Ashland Fkd. Creek. (See Cleveland, O.
*American Insulating Machinery Co. (Wire Winding Machy., etc.), Huntington & Fairhill
*†American Machinery Co., 1229 Callowhill
§American Manganese Bronze Co. 3501 Rhawn
*American Metal Works, 326 Armat, Gtr.
§American Meter Co., 3112 N 17th
*Baeuerle & Morris Sugar Machinery), 932 N. Front
*Bagshaw & Field (Machine Tools), 445 N 5th
*†Baizley Jno. Iron Works (Builders' Iron Work & Castings), 514 S Del. av
*†§Baldwin Locomotive Works (Locomotive Builders)
*†Barker Jas. (Iron Foundry, Cotton & Woolen Mach'y & Grey Iron Castings), 6th & Cayuga
*Barnett G. & H. Co. (Files, etc.), 1076 Fkd av
*BECK CHAS. CO. (Paper Box Machinery, etc.), 607 Chestnut
See adv index at end of book
*§Belfield H. Co. (Brass Fdrs., Valves & Steam Specialties, etc.), 435 N Broad
†Belmont Iron Works, 22d & Washington av
†§Bement Miles Works, 21st c Callowhill. (See Niles, Bement, Pond Co.)
*†Bernstein Mfg. Co. (Metallic Bedsteads, Grey Iron Castings, etc.), 3rd & Westmoreland
†Biddle-Gaumer Co. (Bldrs. Iron Work, etc.), 3846 Lancaster av
†Biggin Chas. P. Co. (Iron Fdrs. & Bldrs. Iron Work), 1829 Harlin
*Bilgram Machine Works (Gears & Gear Cutting), 1235 Spring Garden
*Billington Jas. H. Co. (Textile Machy.), 113 Chestnut
§Bircher Geo. (Brass Fdr., etc.), 716 Cherry
*Blessing C. A. (Plumbing Specialties, etc.), 516 Montgomery av
*Boekel Wm. & Co. (Metal Spinning, Force & Test Pumps, etc.), 518 Vine
*Borger, Valentine (Butchers' Tools, etc.), 2035 N 2d
Boureau H. U. & Co. (Builders' Iron Works, etc.), 3302 Ludlow
*Box Alfred & Co. (Cranes, Hoists, etc.), Front & Poplar
*§Boyd Jas. & Bro., 12 N 4th
*Bradford Wool Comb Co., 2630 Mascher
*†Braun J & Sons, 1615 N 23rd
*Brewer Bros. Co. (Bldrs.' Hdw., etc.), 614 Filbert
*§Bridgman Bros Co. (Plumbers & Steam Fitters Brass Goods & Castings), 1426 Wash'n av
*†§Brill J. G. Co. (Car Builders, etc.), S 62d & Woodland av
*Brinton H. Co. (Knitting Machy.), 213 Race
*Brohard Co. (Hardware Specialties, etc.), Lehigh & 3d
†Brown E. E. & Co. (Iron Fdrs.), McKean & Meadow
*Brown Instrument Co. (Electric Instruments), 901 Montgomery av
§Buckley Walter F., 627 Filbert
†*Budd Grate Co.
*Bullock Chas. K. (Flour Mill Machy.), 1361 Ridge av
§Bureau Bros. (Bronze & Brass Fdrs. & Statuary, etc.) 23d & Westmoreland
*†§Butterworth H. W. & Sons Co. (Textile Machy.), E York & Cedar
*Campbell P. F. (Millwright & Machinist, Steam Engines, Grinding Mills, etc.), 51 Laurel
*Carlson-Wenstrom Co. (Inc.) (Special Machinery, Tools & Dies), Erie av & Richmond
*Carnell Geo. (Est. of) (Brick Machinery), 1819 N 5th
*Carr Jos. Co. (Special Machy. & Optical Grinding Tools), 132 N 7th
*Carver File Co., 3231 Frankford av
§Caskey William & Son (Brass Fdrs, etc.), Beach & E Norris
†Caskey & Keen
§Central Bronze & Brass Fdy., 714-716 Cherry
*Central Machine Co. (Machinists), 710 Cherry
*†§Chambers Bros. Co. (Brick & Paper Folding Machinery, etc.), 52d, below Lancaster
*†Chester Steel Castings Co. (Steel Castings, etc.), 407 Sansom
*Chesterman & Streeter (Metal Specialties, etc.), 25 S 11th
†Clark J. Alfred (Grey Iron Castings), Gray's Ferry rd. & 35th
*§Clay John H. (Brass Finisher & Fire Dept. Supplies, etc.), 1320 Ridge av
§Cohocksink Brass Wks.
*Coles Mfg. Co. (Grinding Mills, etc.), 1615 N 23d
*Colladay Jos. O. Co. (Woodworking Machinery), 626 Race
†Columbia Record Stove Co. (Stoves, etc.), 624 S 2d
*Cooper Dyer (Machinist & Pumps), 614 N 40th
*Cooper Sanitary Mfg. Co. (Plumbers' Brass Work), 34th & Chestnut
*†Cox Abram Stove Co. (Stoves & Heating Apparatus), N American c Dauphin
*†Cox & Sons Co. (Steam Engines & Pipe Cutting & Threading Machines), Lafayette bldg. Works: Bridgton, N. J.
*Coyle H. B. Iron Works, 622 Filbert
*†§Cramp Wm. & Sons Ship & Engine Building Co. (Steel Ships, Marine Engines, etc.), Beach & Ball
§Crescent Phosphorized Metal Co. (Phosphor Bronze, Copper & Tin), 2314 Wood
*†Cresson Morris Co. (Power Transmission & Sugar Machinery, etc.). Allegheny & 18th
*†Creswell Sam'l J. Iron Works (Inc.) (Iron Fdrs. & Bldrs.' Iron Work), Cherry & N 23d
*†Crompton Knowles Loom Works, 16th & Glenwood. (See Worcester, Mass.)
*Dallett Thos. H. Co. (Pneumatic Tools, etc.), Juniper & Federal
*Defiance Mfg. Co., Sumerdale Sta.
†Deily & Fowler Mfg. Co. (Gas Tanks etc.), 39 Laurel
*Deissler P. & Bro. (Machinists), 249 S 6th
*†§Devlin Thos. Mfg. Co. (Malleable & Grey Iron & Brass Fdrs., Malleable Iron Fittings & Carriage & Saddlery Hardware, etc.), N 3d & Lehigh av
*Dewees Jno. W. (Machinist), 640 Filbert
*Diamond Textile Machine Works (Textile Machy., etc.), 1436 N 9th
*Dienelt & Eisenhardt (Hydraulic Jacks, Power Hammers, etc.), 1304 N Howard
*Dietz Machine Works (Envelope, Cigarette & Match Box Machy), 126 Fontain
†Diller, Caskey & Keen (Stoves & Light Castings), N 6th, c Berks
*†Disston Henry & Sons (Inc.) (Saws, Tools, etc.), Tacony & N Front, c Laurel
*D'Olier Centrifugal Pump & Machine Co. (Centrifugal Pumps, etc), 1421 Chestnut
§Dunn & Eldridge Co. (Brass & Bronze Hdw., etc.), 6 N 6th
*†Earle Gear & Machine Co. (Cut Gears, Machy., etc.), Stenton & Wyoming av
*Electric Storage Battery Co. (Storage Batteries, etc.), 19th & Allegheny
*§Ellis G. D. & Sons Co. (Brass Specialties, etc.), 309 N 3d
*Ellison Bros. (Machine Tools, etc.), 2213 Bridge, Fkd.
*Energy Elevator Co. (Elevators), 214 New
*†Enterprise Mfg. Co. of Pa. (Meat Choppers, Lawn Mowers & Sprinklers, & Hdw. Specialties, etc.), N 3d & Dauphin
*Espen-Lucas Machine Works (Machine Tools, Cold Saws, etc.), 21 Girard
*Evans Jno. Sons (Car & Carriage Spring & Leather Machy), 506 N 13th
*§Evans S. W. & Son (Brass Goods), 4623 Paul
§Excelsior Brass Works, 1517 Spring
*§Eynon-Evans Mfg. Co. (Engineers' Specialties & Brass Composition Castings), N. 15th & Clearfield
Fairmount Foundry Co., Duncannon & Clinton
*Fischer Machine Co. (Paper Bag & Special Machy), 310 N 11th
*†§Flagg, Stanley G. & Co. (Iron & Steel Fdrs., Steam Pipe Fittings), Morris bldg
*†Florence Iron Works Iron Fdrs. & Machinists), 400 Chestnut. Works: Florence, N. J.
*§Ford Bros. & Co. (Machinists & Brass Fdrs.), 1610 S Front
†Ford & Keudig Co. (Iron Pipe, etc.), 24th & Wood
*†Fowler & Wolfe Mfg. Co. (Radiators, etc.), Bourse Works: Norristown, Pa.
*§France Packing Co., Inc. (Metallic Packing, etc.), 6510 State rd, Tac.
†§*Frankford Fdry. & Mach. Wks., 611 Widener bldg
†*Freed Heater Co., Inc., 667 Phila. Bourse
*Geforer C. & Son (Gas Burners & Brass Goods), 1017 Ridge
*General Engineering Co. (Machy. Repairs, etc.), 717 S Front
†Gensel Fred. & Co (Iron Railings, etc.), 911 Vine
*Germantown Tool Works (Tools, etc.), 520 Commerce
†Girard Iron Works (Iron Fdrs. & Machinists, Brewers' Machy., Castings, etc.), 22d & Master

*Girard Machine & Tool Co. (Machy. & Tools), 491 N 3d
*†§Globe Machine & Fdry. Co., Inc., Tackawana & Church, Fkd
*†Glover Bros. (Iron Founders & Hdw. Specialties), Paul & Vandyke
*Griffin Jno. J. & Co. (Gas Meters, etc.), 1513 Race
*§Griffiths Jas. A. (Injectors, etc.), 1315 Buttonwood
*Grissinger Machine Co, 904 Quarry
§Guest Geo. (Awning Frames, etc.), 4423 Ludlow
*§Haines, Jones & Cadbury Co. (Brass Fdrs., Plumbers' Brass Goods & Supplies), 1136 Ridge av. Works: Norristown, Pa.
*§Hale & Kilburn Co. (Car Seating, etc.), 18th & Lehigh av
*§Halstead & Co. (Brass Fdrs. & Finishers), 1129 Cherry
*Haltons Thos. Sons (Textile Machinery), Allegheny av & C
*Harman Bros. (Engineers & Machinists), 1915 Washington av
*Harrington Edwin Son & Co. (Machine Tools, Chain Hoists, etc.), N 17th & Callowhill
*†Harrison Safety Boiler Works (Feed Water Heaters, Feed Water Meters, Steam & Oil Separators, Back Pressure & Atmospheric Relief Valves, Water Softeners, Ice Breakers), 3147 N 17th
§Hartman Co. (Valves, Tuyeres, Coolers, Liquid Cinder Cars, etc.), 123 N Front
Harton Pembroke D. Co. (Bakers' Machy.), 15th & Fairmount av
*Haskell Dawes Machine Co. (Textile Machinery), Frankfort Jct. (See Boston, Mass.
*Hawkins Wilson Co. (Steel Die Stamping Presses), 712 Sansom
*Helme & McIlhenny (Gas Meters, etc.), 1339 Cherry
*Henderson Machine Co. (Machy. Mfrs.), 5032 Gtn. av
*§Hentschke Albert & Son (Surgical & Dental Instruments, etc.), 731 Race
*Hepworth Jno. W. & Co. (Textile Machy), cor Lehigh av & Macher
*Hess Bright Mfg. Co., Front & Erie av
*Hess Machine Works, Jno A. Hess (Machinist & File Machy), 2512 Callowhill
*Hess & Barker (Engineers & Machinists, Tablet Machines), 336 S 8th
*§Hey M. Mfg. Co. (Brass Fdrs. & Brewers' Specialties), 633 N 3d
§Hitz Chas. R., 2326 N 5th
*Hodson G. & A. (Pulleys, etc.), 226 Arch
*§Homer Brass Works (Inc.) (Brass Fdrs. & Finishers), 231 Race
*Hood, R. H. Co. (Worster & Curled Hair Machinery), 1842 Gtn. av
*†Hoopes & Townsend Co. (Bolts, Nuts, Washers, etc.), Broad & Buttonwood
§Horn & Brannen Mfg. Co. (Inc.) (Gas Fixtures & Brass Fdrs.), 427 N Broad
*Horridge & Hinman (Machinists), 628 Race
*†Horrocks Iron Works (Builders' Iron Works), 234 N Broad
§Howell F. R. Brass Works (Brass Hose Fittings, etc.), 122 N Franklin
*Hub Machine Welding & Contracting Co. (Metal Sawing Machines, etc.), 22nd & Race
†Hughes & Patterson (Iron Fdrs.), 800 Richmond
*Hughes & Russum (Beaming Machines, etc.), Oxford & Hedge
*Insinger Co. (Dish Washing Machines, etc.), Stenton av
*Jaeger Automatic Machine Co, (Slot Machines), 2238 N 9th
*Jefferson Machine Works, 2005 Oxford
*Jesson Jno. B. (Machinist), 424 Vine
*Johnson Israel H., Jr., Co. (Machine Tools), 337 N 15th
*Kaltenthaler Henry J. (Flanges & Flange Fittings, etc.), 234 Cherry
†Kappler-Fox Foundry Co. (Stoves, etc.), York & Thompson
*†Kensington Engine Wks. Co. (Engines, etc.), Beach & E Berks
*Keystone Spring Works (Carriage Springs, etc.), 13th & Buttonwood
*Keystone Structural Co. (Steel Structural Work), Harrison bldg.
*Kinetic Electric Co. (Dynamos & Motors), 16 S Schell
§Kirn M. L. & Bro. (Brass Fdrs.), 2135 N Lawrence
*§Kitson Hydro-Carbon Heating & Incandescent Lighting Co. (Kitson Hydro-Carbo Lamps, etc.), 2819 Oakford
§Klause Chas. (Brass Fdry. & Metal Spinning), 460 N 12th
*Kruger & Blind Co., 511 Master
*†KUTZTOWN FOUNDRY & MACHINE CO. (Boiler Fronts, Grate Bars, Compound Separators, etc.), 1421 Chestnut
See adv index at end of book
*Lanston Monotype Machine Co. (Typesetting Machines), 24 & Locust
†§*Lehigh Coal & Navigation Co.
*Leonard Machine Works (Special Machy. & Parts), 1222 Race
*†Liberty Stove Co. (Ranges, Furnaces, etc.), 308 Chestnut
*Lindsay, Hyde & Co., 2130 E York
†§Lindsay W. A., 217 Kranis av, Myk
*†LINK-BELT CO. (Elevating, Conveying & Power Transmitting Machinery), Hunting Park av & P. & R. Ry
See adv index at end of book
*§Lonergan J. E. Co. (Brass Fdrs. & Finishers & Steam Specialties), 211 Race
*Loomis-Manning Filter Co. (Water Filters, Land Title bldg.)
*Lorimer Machine Co. (Textile Machy.), Ontario & Lawrence
*Lovekin Pipe Expanding & Flanging Machine Co., 421 Chestnut
§Lukens Thos. F. Metal Co. (Canning Factory Supplies), 238 N 4th
*Lusse Bros. (Machinists), 2807 N Fairhill
*Lutz Co. (Special Machinery, etc), 31st & Grays Ferry rd
*Lynwood Mfg. Co., Westmoreland & Hancock
*McCaffrey File Co. (Files, etc.), 1842 N 5th
*§McCambridge Co., (Plumbers Brass Goods, etc.), 20th & Wood
§McHatton Foundry Co. (Brass Fdrs. & Smelters), 1500 Washn. av
*McMichael Abner (Machinist), 22 Armat, Gtn.
*McNiece Wm. & Son (Saws, etc.), 515 Cherry
*Maerky Emil, 218 Arch
*Maris Bros. (Cranes & Hoists, etc.), S 56th & Gray's av
§Massa George (Locks, etc.), 245 S 6th
†§May H. A. Foundry Co., 30th & Chestnut
*Mayall Lewis A. & Son (Machinist), 748 S Samson
*Mercury Machine Co, (Inc.), (Key Seating Machines), 2117 N Broad
*Midland Metal Co. (Inc.) (Ornamental Brass & Bronze Work), 21st & Jefferson
*†Midvale Steel & Ordnance Co., Widener bldg
*§Miller Lock Co. (Locks, etc.), 4523 Tacony
*§Mills Thos. & Bro. (Inc.), (Brass Fdrs. & Confectioners' Machy.), 8th & Thompson
*Mitchell John (Millwright, Machinist & Bldrs.' Iron Work), 2224 Vine
*†§Moore & White Co. (Iron Fdrs. & Machinists, Paper & Pulp Mill Machy., etc.), N 15th & Lehigh av
*†§Morris I. P. Co. (Engines, Pumps, Turbines, Castings, etc.), Beach & Ball
†*Morris Truck & Wheel Co., Isabel rd, bel. 75th
*§Mousley's Chas. Sons (Brass & Bronze Castings & Ship & Car Hardware Mfrs.), 457 N 12th
*§Nacke A. & Son, 236 S 9th
*National Automatic Knitter Co. (Inc.), (Textile Machy., Knitting Machines, etc.), 2725 Mutter
*National Metal Edge Box Co. (Metal Edge Box Machines), 8th & Willow
*National Specialty Mfg. Co. (Drug Mills, etc.), 3d & Lehigh av
*Nazel Engineering & Machine Works (Engineers & Machinists' Engine Repairers, etc.), 4049 N 5th
*†§Nelson Valve Co. (Valve Mfrs., Brass, Iron & Steel Founders, etc.), Harrison bldg
Newton Edwin A. (Emery Grinders, Knitting Machy., etc.), 310 N 4th
*†Newton Machine Tool Works (Machine Tools), 23 Vine
*†Niles-Bement-Pond Co, (Machinists & Machine Tools), Mifflin, cor. Meadow. (See New York City)
*Norbom Engineering Co. (Dredging Machinery), Denckla bldg.
§North American Smelting Co. (Babbitt Metal, Brass and Phosphor Bronze, etc.), 900 Thompson
*†§North Bros. Mfg. Co. (Brass & Iron Fdrs. Hardware & Specialties), Lehigh av, cor. N American
*Northern Machine W'ks, Marshall & Jefferson
*Novelty Electric Co. (Electric Specialties), 50 N 4th
*Nye & Tredick Co. (Textile Machy.), 720 Cherry
*O'Neill Elevator Co. (Elevators), 628 Cherry
§Oat Jos. & Sons (Sugar Machinery & Distilling Apparatus), 232 Quarry
*Oldham Geo. & Son Co. (Pneumatic Tools), 4326 Thackawanna, Fkd.
*Oliver J. H. & Co., 1414 S Penn Sq.
*Olsen, Tinius Testing Machine Co. (Testing & Hydraulic Machy.), 500 N 12th
*Orum Morris L. (Machinist), 503 N 11th
§Ott Geo. F. Co. (Machy. for Brewers, Maltsters, Chemical Works, etc.), 209 Buttonwood
*†Otto Gas Engine Works (Gas Engines), S 33d & Walnut
*Paiste H. T. Co. (Electrical Specialties), N 32d cor. Arch
*†Pancoast Henry B. Co. (Iron Pipe, Fittings, etc.), 240 S 3rd
*Paxton & O'Neill (Knitting Machines), 541 N 3d
*Peerless Belt Lacing Machine Co. (Belt Lacing Macines), Swanson & Moore
*†Penn Seaboard Steel Corp. (Casting Acid Open Hearth Steel of All Descriptions), 1418 Chestnut
*Penna. Forge Co. (Forges), Wakeling, Bermuda
*§Perkes Chas. (Est. of), (Brass Fdr. & Plumbing Goods), 627 Arch
†Perseverance Iron Foundry Co. (Ltd.), (Iron Fdrs.), Passyunk & Federal
*§Phila. Coppersmithing Co. (Brass Fdrs. & Coppersmiths), 222 N Front
*Philadelphia Drying Machinery Co. (Drying Machy., Fans & Presses), 3351 Stokley
*Philadelphia Electrical & Mfg. Co. (Electrical Specialties), 1236 N 31st
*Philadelphia Gear Works (Gears, etc.), East Vine
*†Philadelphia Hardware & Malleable Iron Works, 9th & Jefferson
*Philadelphia Lawn Mower Co. (Lawn Mowers, etc.), 3101 Chestnut
*Philadelphia Machine Screw Works, 624 Race
*Philadelphia Novelty Mfg. Co. (Inc.), (Hardware Specialties, etc.), 13th & Noble
†*Philadelphia Roll & Mach. Co., 25th & Washingon
†Philadelphia Sash Weight Works, Glenwood av nr 22d
†Philadelphia Stove & Iron Foundry Co. (Iron Fdrs. & Stoves, Ranges & Grey Iron Castings), 1631 N 5th
*Phila. Textile Machinery Co. (Textile Machinery), Tabor
*†Phoenix Iron Co. (Iron Founders & Machinists & Steel Mfrs.), 22 S 15th. Works: Phoenixville, Pa.
§Phosphor-Bronze Smelting Co. (Brass, Bronze & Composition Castings, etc.), 2200 Washington av
*Plumb Fayette R. (Inc.) (Edged & R. R. Track Tools, etc.), Tucker & James
*Power I. & Co. (Woodworking Machinery), 20 S 23d
*Pressed Steel Mfg. Co. (Ball Bearings, Bearings, etc.), Land Title bldg.
*Railway Steel Spring Co. (R. R. Springs, etc.), 1022 Newmarket. (See New York City)

PENNSYLVANIA—Philadelphia—cont'd
§Reeves Paul S & Co. (Brass & Composition Castings & Bearings, etc.), 1405 Catharine
†Reeves Sam'l V. (Stoves, etc.), 45 N 2d
*Rehfuss George & Sons, 1311 Carlisle
*Reid A. H. Creamery & Dairy Supply Co. (Creamery Machy., etc.), 69th & Haverford
*Reid Robert, 71 Laurel
Remington & Sherman Co. (Safes, Vaults, etc.), 636 Richmond
§Reyburn-Hunter & Co. (Lightning Rods, etc.), 494 N American
*Rich J. & G. (Machinists), 120 N 6th
*Richards Bros. (Machinists), Umbria & Pa. R. R. Manyunk
*†Richmond Radiator Co., 2241 N American. (See New York)
*†Riehl Bros. Testing Machine Co. (Testing Machines, Jacks, Presses, etc.). 1424 N 9th
*Riehl H. & Son (Machinists), 1130 Orianna
*Ritter Machine Co., 2310 E Tioga
†§*Roberts H. S. Co. Inc., Harrison bldg
†Roberts & Mander Stove Co (Stoves, etc.), Washington av & 11th
*Rooksby E. J. & Co., 435 N 11th, Phila., Pa.
§Rosenthal's Jos. Sons (Brass Castings, etc.), 190 Berks
*Roth Gottlieb 602 Beach
*Rowan Hy. A., Jr. Co. (Machinist), 2036 Sansom
*Rudolph Wm. F. (Machinist), 1308 Girard av
*Ruwell Wm. F. (Engine Repairs, etc.), 719 Noble
*§Savill Thos. & Sons (Brass Fdry. & Finisher, Plumbing Goods), 320 N 11th
*Schade Valve Mfg. Co. (Valve Mfrs.), 2544 N. American
§Schaefer Emil (Brass Fdr. & Coppersmith), 1322 N. 5th
*Schaeffer Machine Works (Special Heavy Machy.), 35th & Gray's Ferry rd
*†Schaum & Uhlinger (Textile Machy., Looms, Iron Fdrs., etc.), 2d & Glenwood
*Schiller Fred'k & Co., 323 N. 3d
*Schiller, Nolan & Co. (Cylinder Re-Boring & Machinists), 820 Cherry
†Schneider Bowman Co., 1612 Vandike, Frankford
*Schober Geo. M., 3231 Market
§Schoenewald Robert
*†Schofield Wm. Co. (Iron Fdrs. & Textile Machy.), Kram's av ab. Wilde, Manayunk
*Schramm Christian D. & Son, 308 N. 4th
*†Scullin Simon (Est. of) Cambria & American
*†§Sellers Wm. & Co. (Inc.) (Machine Tools & Heavy Machy.), 1600 Hamilton
§Sheeler-Hemsher Co. (Brass Fdrs.), 811 Fairmount av
*†Sheppard Isaac A. Co. (Stoves, Ranges & Furnaces), Erie av & Sepriva
§Shimer, McGlynn & Co. (Smelters, etc.), 19th & Washington av
*Shuster Plumbing Supply Co. (Iron Fdrs., Cast Iron Pipe & Plumbers' Castings, etc.), Willow & Franklin
*Simon Omer, 4030 Filbert
*†Smith & Furbush Machine Co. (Textile Machy.), Hancock & Somerset
*†§Southwark Foundry & Machine Co. (Engines, Rolling Mill Machy., etc.), 400 Washingtont av
*†Specialty Engineering Co. (Elevating & Conveying Appliances), Trenton & Allegheny, Cornwall
*Sprague Wm. & Co. (Machinists), 630 Filbert
*Standard Cast Iron Pipe & Foundry Co. (Cast Iron Pipe & Castings),
*Standard Machine Co. (Inc.) (Textile Machinery), 330 N 12th
*Standard Meter Co. (Gas Meters, etc.), 3117 N 17th
*†§Standard Steel Works Co. (Steel Castings, etc.), Morris bldg
*Standring Sam'l, Hope & Somerset
Stiffel & Freeman Co. (Safes, etc.), 723 Chestnut
*Stokes F. J. Machine Co. (Pharmaceutical Machy., etc.), 17th c Cambria
*†Stokes & Parrish Elevator Co. (Elevators), 12th & Sansom
*†Stokes & Smith Co. (Paper Box Machinery), Summerdale Sta.
*Stortz John & Son (Tools, Dies, Punches, etc.), 210 Vine
*Stow Flexible Shaft Co., 26th & Callowhill
*†Straub A. W. Co. (Grinding Machy., etc.), 3737 Filbert
*Sulzer & Co. (Gas Fixtures, etc.), 252 N 11th
§Sutterley G. T. & Co. (Silverplated Ware & Brass Goods), 23d & Hamilton
*Sweigard Jos. L. & Co. (Pneumatic & Pump Machy.), Betz bldg
*Tabor Mfg. Co. (Fdry. Molding Machines, etc.), 1740 Hamilton
*§Talmage Thomas (Brass Foundry), 1123 Appletree
†Temple Malleable Iron & Steel Co. Malleable Iron & Steel Castings), Arcade bldg. Works: Temple, Pa.
*†Thomas, Roberts, Stevenson Co. (Stoves, etc.), American & Dauphin
*Thompson Bros. (Machinists), 125 N 5th
*†Thompson J. & Co. (Iron Fdrs. & Machinists, Valves, Fire Hydrants & Castings, etc.), Van Horn & Sophia
*Tilghman Brooksbank Sand Blast Co. (Sand Blast Machinery, etc.), 1126 S 11th
*Troemner Henry (Scales, etc.), 911 Arch
*Turner Machine Co. (Sprue Cutting Machines, etc.), 3632 N Lawrence
*Underwood H. B. & Co. (Cylinder Boring Bars, etc.), 1025 Hamilton
*Union Machine Works & Iron Foundry (Grey Iron Castings), 1821 So Water
*United States Metallic Packing Co. (Metallic Packing, etc), 427 N 13th
§United States Smelting Works (Smelters, etc.), 1615 Spring Garden
*Universal Machine Works (Bottle Washing Machines, etc.), 1060 Germantown
*Walker Electric Co. (Electric Switches, etc.), 2337 Callowhill
*Walker Thos., Jr., 4617 Tacony, Fkd
*Walters Geo. C., 1316 Ellsworth
*Walton P. M. (Machinist & Millright), 1025 Gtn av
†Ward Joseph T. (Iron Railings, etc.), 809 Baynton
*Watson & McDaniel Co. (Steam Traps, Valves, etc.), 146 N. 7th
*Watts & Stern (Electrical Machinists) 1303 Buttonwood
*Wenzell S. S. Machine Co. (Bottle Working Machy., etc.), 50 & Parkside av
*†Wharton Wm., Jr. & Co. (Steel & Grey Iron Castings, also Operates a Machine Shop), Widener bldg
*†Wheeler C. H. Mfg. Co. (Steam Pumps, etc.), Lehigh & N 18th
§White & Bros. (Brass Founders & Smelters), 1505 E Montgomery
*Whitecar Joseph Iron Works, 402 S Water
†Wilfong Millard F. Iron Works Co., 52d & Gray's av
*Williams Wm. D., Jasper & Willard
*Wirt & Knox Mfg. Co. (Hose Reels, etc.), 24th & York
*§Wonderly Abner H. (Builders' & Upholsterers' Hdw., etc.), 621 Commerce
*†Wood R. D. & Co. (Cast Iron Pipe, Hydraulic & Gas Works Machy., etc.), 400 Chestnut
*Wootten & Peckworth (Machinist), 1122 Hamilton
*§Wright Mfg. Co. (Brass Fdrs. & Finishers), 133 Master
*Yockel Chas. & Sons (Machinists, Moulds. etc.), 1220 N. Lawrence
†§*Yocom James & Son, 145 N 2nd

PHILLIPSBURG—*†§Gill Mfg. Co.

PHOENIXVILLE—*Heinie Safety Boiler Co. (See St. Louis, Mo.)
†Madco Foundry & Machinery Co. (Iron)
*†§Phoenix Iron Co. (See Phila., Pa.)

PILLOW—*†Snyder Thos. L. (Iron Fdry. & Machinists)

PITTSBURGH—†*Acme Brass Fdry. Co., 4042 Liberty av
*§Adams Bros. Mfg. Co. (Gas Burners, etc.), Fayette & Chartiers
†Allegheny Foundry Co., Boquet & Grant
*†Allegheny Steel Co. (Machine Shop & Foundry for Own Use), Oliver bldg. Works: Brackenridge, Pa.
Aluminum Co. of America, Oliver bldg *See adv index at end of book*
*†§ American Bridge Co., Frick bldg
*†American Chain Co.
*†American Fdry. & Const. Co. (Valves, Castings, etc.), 2d av & Longworth
*†§American Locomotive Co., Beaver & Stanton
*†§American Sheet & Tin Plate Co. (Iron, Steel & Brass Castings, all Consumed by the Company, also Machine Shops), Frick bldg
*American Steel Foundries (Steel Castings) Park Bldg.
*†American Steel & Wire Co., Frick bldg *See adv index at end of book*
*†Anderson-Darragh Co. (Ltd.) (Steam Heaters, etc.), 3206 Penn av
*Axthelm Mfg. Co., 242 3d av
*§Bailey-Farrell Mfg. Co. (Brass Fdrs. & Plumbers' Supplies), 3d av & Ross
*Baltimore Car & Foundry Co., Continental bldg
§Bell Bros., 27th & A. V. R. R.
*†Bollinger-Andrews Construction Co. Empire bldg Structural Shops, Verona, Pa.
Briggs Machinery Co., 238 2d av
†Bronzbraswyt Metals Co., First Nat'l Bank bldg
*Buechele Iron & Tool Works Co. (Tools, etc.), 4127 Liberty av
*§Cadman A. W. Mfg. Co. (Valves, Cocks & Iron & Brass Castings), 2816 Smallman
*†Carlin's Thos. Sons Co. (Hoisting Engines & Contractors' & Rolling Mill Machinery)
*†§Carnegie Steel Co., Carnegie bldg
*Carron A. M. Machine Co. (Small Electric Air Pumps, etc.), Penn & Barbeau
*§Chaplin Fulton Mfg. Co., 34 Penn av
*†Cyclops Foundry Co. (Iron Castings, Pipe Balls, etc.), Union Bank Bldg.
§DAMASCUS BRONZE CO. ("Damascus," Bronze Castings, Bearings, etc.), North Side *See adv index at end of book*
*Danver R. H. (Machinist), 845 Pennsylvania av, North Side
*†Dilworth, Porter & Co. (Ltd.) (Chilled Mill Castings, etc), 4th & Bingham
*DUFF MFG. CO. (Lifting Jacks, All Kinds) *See adv index at end of book*
*†Duquesne Steel Foundry Co. (Steel Castings & Machine Shop for Own Use), Arrott Bldg. Works: Corapolis, Pa., North Side
*†Eagle Tool & Machine Co. (Special Machinery, Tools, Repair Work, Gear & Cuttings), 519 South av
†Early W. J. & Sons (Ltd.) (Grey Iron Castings), 812 Sarah
*†Elliott Co. (Mine Fans)
*†Enterprise Foundry Co., Ltd. (Castings, etc.), Nixon & Manhattan, North Side
*†§Epping-Carpenter Pump Co. (Pumping Machinery & Condenser), ft. 43d
*Equitable Meter Co. (Gas Meters & Appliances), 424 1st av
*†Fawcus Machine Co. (Gears of All Kinds, Rolling Mill & Special Machinery, etc.), 1st Natl Bk bldg *See adv index at end of book*
*†Fischer Foundry Co. (Rolling Mill Machy. & Castings). 1616 Roland
*†§Port Pitt Bridge Works, House bldg
†Fort Pitt Malleable Iron Co., Thompson & Crawford
*Fort Pitt Spring & Mfg. Co.
Franklin Park Foundry Co. (Malleable Iron Founders), Herrs Island
*†Garrison A. Foundry Co. (Rolling Mill Machy. & Castings etc.), 901 Bingham
*Gazzam H. P. Machine Co. (Special Machinery), 32d & Penn av

*GEM MFG. CO. (Flexible Shafts, Boiler Tube Cleaners, Drills, etc.), Goebel, nr Fulton, N. S.
See adv index at end of book
*Gettner K. H. Co. Cecil Pl
*Gillespie Mfg. Co., 810 Brocket
*†Goodman Engine & Machine Co. (Engines & Machy.) S 15th & Muriel
*Gracey R. & Sons Co., 115 1st av
†Hall Steam Pump Co., 213 Galveston, N. S.
*Heppenstall Forge & Knife Co. (Shear Knives, etc.), 47th & Hatfield
*Heyl & Paterson (Rolling Mill, etc.), 51 Water
*Hipwell Mfg. Co., 831 W North av
*Hunter Saw & Machine Co. (Saw Sharpening Machines, etc.), 57th & Butler
*†Iron City Sanitary Mfg. Co. (Plumbers' Cast Iron Enamel Ware), Oliver bldg
*Iron City Tool Works (Ltd.) (Machine Tools), 3201 Smallman
*†§Johnetta Fdry & Machine Co., 1st Natl Bk bldg
*†§Jones & Laughlin Steel Co. (Power Transmitting Machy., etc.)
*†Kelly Nicholas & Son (Founders), 1704 Wharton
*†§Kelly & Jones Co. (Iron & Brass Fdrs., Steam Specialties, Valves, etc), 135 Water
†§*Kennedy Stroh Corp.
*§Keystone Bronze Co. (Rolling Mill Castings & Specialties, etc.)
†Lathwood Foundry Co., 30th & Wayne
*§Lawrenceville Bronze Co. (Copper & Bronze Castings for R. R., Mills, etc), Bessemer bldg
*†Lewis Foundry & Mach. Co. Works: Groveton, Pa.
*McClintic-Marshall Co. (Steel Structures, etc), Oliver bldg
*†McConway & Torley Co. (Malleable Iron & Steel Castings & Railroad Specialties, etc.), 48th & A. V. R. R.
*§McKenna Brass & Mfg. Co., Inc. (Brass Fdrs. & Finishers), 1st av & Ross
*McKinney Mfg Co. (Hinges, Butts, Hdw., etc.), North Side
*McSherry Mfg. Co. (Power Presses. Punches & Shears)
*†§Mackintosh, Hemphill & Co. (Rolling Mill Machinery, Engines, Iron, Steel & Brass Castings, etc.)
*Marine Mfg. & Supply Co., 35 Water
*Marshall Bros. (Elevators, etc.), 2015 S 21st
*†Marshall Foundry Co. (Iron Fdrs., Rolling Mill & Builders' Castings, Ingot Molds, etc.)
§Matthews James H. & Co. (Stencils, etc.), 3942 Forbes
*†§MESTA MACHINE CO. (Rolling Mill Machy. & Castings). Works: West Homestead, Pa.
See adv index at end of book
*Milholland J. & J. B. Co., 714 5th av
*†Munroe R. & Sons Mfg. Corp. (Boiler Castings & Boiler Mfrs.), 23d & Smallman
*†National Car Wheel Co. (Car Wheels & Iron & Brass Castings), Keystone bldg.
*†National Gear Wheel Foundry (Castings, Gears, Gas Engines, etc.), South & Walker
*†National Valve & Mfg. Co. (Valves & Fittings, etc.), 31st & Liberty
*New Castle Steel & Iron Co. Works: New Castle, Pa.
§Newlands Bros., 28 & A. V. R. R.
*NUTTALL R. D. CO. (Gears & Pinions of All Kinds, etc.), McCandless & Harrison av
See adv index at end of book
§*Oberndorf Mfg. Co., 7509 Thomas blvd
*†§Oil Well Supply Co. (Oil & Gas Mill Supplies, Gas Engines, etc.), 215 Water.
*Peerless Heater Co. ((Steam Heaters), 7 Wood
*†Penna Casting & Machine Co. (Car Wheels & Axles), 501 Preble
§Penna. R. R. Co. (Brass Foundry, etc), North Side
*Pennsylvania Smelting Co., Benedum Trees bldg
*Pfaller Frank (Jobbing), 6947 Susquehanna
*†Phillips Mine & Mill Supply Co. (Coke & Coal Equipments), 2227 Jane
*†Phillips & McLaren Co. (Heavy Castings & Rolling Mill Machy., etc.)
*†Pittsburgh Brass Mfg. Co. (Plumbers' Brass Specialties & Brass & Bronze Castings, etc.)
*Pittsburgh Coal Washer Co. (Coal Mining Machinery), Fulton bldg
*PITTSBURGH-DES MOINES STEEL CO. (Bridges, Towers & Structural Work), 4th & Ross
See adv index at end of book
*Pittsburgh Electrical & Machine Works (Dynamos & Motors, etc.), Barker pl
*Pittsburgh Forge & Iron Co. (Machine Shop Connected with Works), Chamber of Commerce bldg
*†Pittsburgh Foundry & Machine Co., ft 36th
*Pittsburgh Instrument & Machine Co., 236 3rd av
*Pittsburgh Iron Works Co., 2170 Bedford av
*†§Pittsburgh Lamp, Brass & Glass Co. 130 7th
*†Pittsburgh Piping & Equipment Co. (Brass & Bronze Fdrs. & High Pressure Pipe, Pipe Fittings, etc.), 35th & Charlotte
*Pittsburgh Reinforced Brazing & Mach. Co., 2515 Liberty
*Pittsburgh Spring & Steel Co., Farmers Bank bldg
*†Pittsburgh Steel Foundry (Steel Castings & Car Wheel Centers, etc.). House bldg. Works: Glassport, Pa.
*†§Pittsburgh Valve, Foundry & Construction Co. (High Pressure Valves & Fittings, Iron & Brass Castings, etc), 26th & A. V. R. R.
*†§Pittsburgh Valve & Fittings Co.
*§Pittsburgh Water Heater Co., 139 Chartiers
*†Pressed Steel Car Co. (Steel Cars), 307 5th av
*†Rees Jas. & Sons Co. (Steamboat Bldrs.), 18 4th
*†Reliance Steel Casting Co. (Iron & Steel Castings, etc.), 28th & Smallman
*Renton Wm. (Cylinder Re-Boring, etc.), 101 Water
Rieseck Iron Wks. (Bldrs' Iron Work, etc.), 1201 Metropolitan
*†Rosedale Foundry & Machine Co. (Rolling Mill & Tube Mill Machinery & Castings, etc), Columbus & Preble
*Russell J. C. Shovel Co. (Small Machine Shop for the Company's Own Use), 336 4th av
*Russell Machine Co., 28th
*†Seaman-Sleeth Co. (Sand & Chilled Rolls)
*†Simonds Mfg. Co. (Gears, Pinions & Electric Railway Specialties, etc.), Liberty av & 25th
*Sommerfeld Machine & Mfg. Co. (Gears & Glass House Machinery), 216 2nd av
*Spang, Chalfant & Co. (Works Contains Two Machine Shops), Union Bank bldg. Works: Etna, Pa.
†Springfield Foundry Co. (Iron Fdrs.), 3215 Smallman
*Standard Metal Bed Refinishing Co., Foreland & James, N. S.
*†§Standard Sanitary Mfg. Co. (Sanitary Enameled Iron Goods, etc.), Bessemer bldg.
*†Standard The, Scale & Supply Co. (Scales, etc.), 1631 Liberty av. Works: Beaver Falls, Pa.
*†Standard Steel Car Co. (Steel Cars, etc.), A V R R. Works: Butler, Pa.
*†Steel Car Forge Co. (Steel Cars, etc.) Works: Ellwood City, Pa.
*†Sterritt-Thomas Foundry Co. (Fdrs. & Machinists, Rolling Mill & Mach'y Castings, etc.), 32nd & Smallman
†Stroh Steel Hardening Process Co. 1st National Bank bldg
*Stoner, Thaw & Co. (Ltd.) (Filters, etc.), 1200 West Carson
*†Stove & Range Co. of Pittsburgh (Stoves, Furnaces, etc.), Preble av nr. Superior bridge
*Swain & Angel Co. (Steam Engines), 3105 Smallman
*Tate, Jones & Co. (Machinists & Fuel Gas Burners, Gas Engines, etc.), Empire bldg
*Tranter Mfg. Co., 105 Water
*†§Union Foundry & Machine Co. (Rolling Mill & Pipe & Tube Mill Machinery), W Carson
*†Union Spring & Mfg. Co., First Natl. Bank bldg
†Union Steel Casting Co. (Steel Castings & Annealing Boxes)
*†United Engineering & Foundry Co. (Rolling Mill Machinery)
*†United States Cast Iron Pipe & Foundry Co., Oliver bldg. (See New York)
*†United States Sanitary Mfg. Co. (Plumbers' Cast Iron Enameled Ware), Arott bldg
§Vanadium Metals Co. (Brass, Bronze & Aluminum Castings)
*Vierling Machine Co., Phipps Power bldg
§Wayne Brass Fdry. Co., 4635 Butter
*†WESTINGHOUSE AIR BRAKE CO. (Air Brakes, etc). Works: Wilmerding, Pa.
*Williams Gauge Co. (Gauges, Pumps, Governors, etc.), 543 4th av
*†§Wilson-Snyder Mfg. Co. (Steam Pumps & Air Compressors), 2 Ross
*Wolverine Supply & Mfg. Co. (Dies, Special Machinery, etc.), Page & Fontella

PITTSTON—*Delahunty Dyeing Machine Co. (Dyeing Machines, etc.)
†§Exeter Machine Works (Elevating & Conveying Machinery, Grey Iron & Brass Castings, etc.)
*Huntley J. G. (Mine Drills, etc.)
†Pittston Stove Co. (Stoves)
*Telescope Mine Machine Co. (Mine Drills, etc.)
*†§Vulcan Iron Works

PLYMOUTH—*Bittenbender Geo. H. & Son (Mine Drills)
*†Howell's Mining Drill Co. (Coal & Rock Drills)
*Moss George A. (Mining Drills, etc.)
*Reese Sephaniah (Machy. & Tool Works)

POMEROY—*Phillips M. T.

PORT ALLEGANY—*Benson Fred S.

PORT CARBON—†§*Coxe Traveling Grate Co.
§De Witt E. W. & Son

PORTLAND—†Pearson Leroy

POTTSTOWN—*†§Bramcote Fdry. & Machinery Co.
*Chadwick Engineering Works (Auto Bldrs. & Auto & Marine Motors)
*†Colebrookdale Iron Co. (Meat Choppers, Sad-Irons & Castings, etc.)
*Ellis Keystone Agrl. Works (Threshers, etc.)
*†Flagg Stanley G. & Co. (See Phila.)
*Heiges Tobis B.
*†Industrial Foundry & Machine Co.
*†Keystone Foundry Co. (Grey Iron Castings)
*Large Wm. H.
*§Light Mfg. & Fdry. Co. (Castings, etc.)
*McClintic-Marshall Construction Co. (Steel Structures, etc.)
†Marsh-Brownback Stove Co. (Heaters, Furnaces, Stoves, etc.)
†§*Pottstown Mach. Co.
Printz & Sevison (Stoves)
*Shoemaker Lewis F. & Co. (Steel Structural Work)
*†Wilbraham-Green Blower Co. (Rotary Blowers, Iron Founders, etc.)

POTTSVILLE—*Eastern Steel Co.
*†Phila. & Reading Coal & Iron Co.
†Pottsville Foundry & Stove Co. (Stoves, etc.)
*§Zweibel Edward

PUNXSUTAWNEY—*Allison Wm.
†Mahoning Fdry. & Mach. Co.
*†§Porter G. W. & Son
*†§Punxsutawney Fdry. & Machine Co. (Brass & Iron Castings & General Machine Work)

QUAKERTOWN—*Nadig L. F.
Quakertown Stove Wks. (Stoves)

RADNOR—*Righter Geo. W. (Mechl. Eng.)

PENNSYLVANIA—continued
RANKIN—*§Acheson Mfg. Co. (Brass Fittings, Valves, etc.)
*McClintic-Marshall Construction Co. (Steel Structures, etc.)
READING—
*AMERICAN DIE & TOOL CO. (Punches, Dies)
See adv index at end of book
*Boss Knitting Machine Works (Textile Machy.)
*Brown Engineering Co. (Contract Work, Special Machinery, etc), 110 N 3d
See adv index at end of book
*Carpenter Steel Co. (Machine Shop Attached to Works)
*†§Chantrell Hardware & Tool Co (Builders Hardware)
*§Crescent Brass Mfg. Co.
*§Dick Bros. (Plumbers' Brass Goods)
Dundore Mfg. Co. (Gears)
*§Excelsior Brass Works (Brass Castings & Brass Specialties, etc.)
*Frances L. M.
§Franklin Brass Foundry Co.
*†§Gray Iron Foundry Co. (Grey Iron Castings, Hardware Specialties, etc.)
*Greth Machine Works (Inc.), (Machinists)
§*Howard Metal Co.
*Keiser Mfg. Co. (Sheep Shears, etc.)
§Kline & Co.
*†Mohn W. D. & Co.
†Mt. Penn Stove Works (Stoves, etc.)
*†Orr & Sembower (Steam & Hoisting Engines, etc.)
*†§Penn Hardware Co. (Builders' Hardware)
*Prizer-Painter Stove Co. (Stoves & Ranges)
§*Progressive Copper & Brass Wks.
Reading Brass Works
†Reading Casting Co.
*†Reading Car Wheel Co. (Car Wheels). (See Buffalo, N. Y.)
*Reading Chain Block Corp. (Hoists, etc.)
*Reading Cycle Mfg. Co. (Bicycle Mfrs.)
*Reading Engineering Works
†Reading Foundry & Supply Co. (Soil Pipe and Fittings)
*§Reading Hardware Co. (Builders' Hardware & Specialties)
*†Reading Iron Co. (Rolling Mills, Iron Fdrs. & Machinists, Rolling Mill Engines & Sugar Machy, etc.)
†§*Reading Iron Wks.
*†Reading Scale & Machine Co.
*Reading Standard Co.
*†Reading Stove Works (Stoves, Ranges & Heaters, etc.)
Roeper Crane & Hoist Works (Cranes, Hoists, etc.)
*SPEIDEL JOHN G. (Hand Hoists & Cranes.)
See adv index at end of book
*†Textile Machine Works (Textile Machy. & Grey Iron Castings)
*Zacharias Edwin H.
REBUCK—†Fisher W. H.
RENFREW—*Price Bros.
REYNOLDSVILLE—Herpel Bros.
RHEEMS—*Grove Isaac
RICES LANDING—*Young W. A. & Sons
RICHFIELD—†Shawder W. B.
RIDGWAY—*†§Elk Tanning Co.
*†§Ridgway Dynamo & Engine Co. (Dynamos, Engines, etc.)
*†Ridgway Machine Co.
*†§Ridgway Mfg. Co. (Iron & Brass Fdrs., Dry Kilns, Steam Engines, etc.)
RIXFORD—*Lilly Arthur L.
ROARING SPRING—*†Brown John I.
ROCHESTER — †Olive Stove Works (Stoves, Ranges & Castings)
*†Rochester Mould & Machine Co. (Glass House Machy. & Molds)
ROYERSFORD — †Buckwalter Stove Co. (Stoves & Furnaces)
†Floyd-Wells Co. (Stoves, Furnaces, etc.)
†Grander Stove Co. (Stoves, etc.)
*Keystone Structural Co. (Steel Structural Work)
*†Royersford Foundry & Machine Co. (Punching & Shearing Machy)
SAINT CLAIR—*§Quirin John & Bro.
SAINT MARYS—*†§Elk Engineering Wks.
*†§Kaul J. & A.
SALFORDVILLE—*Weldner Jacob K.
SALONA—†Esenwine Geo. W.
SAYRE—*†Cayuta Mfg. Co. (Fire Hydrants, Valves, Engraving Machines, etc.)
*Eaton & Glover Co. (Engraving Machines)
*Milled Screw & Machine Co.
*†§National Car Wheel Co. (See Pittsburgh, Pa.)
*§Sayre Stamping Co. (Railroad & Automobile Specialties & Castings. etc.)
SCOTTDALE — *†§Crescent Mfg. Co. (Plumbers' Supplies)
*†§Scottdale Machine & Mfg. Co. (Steam Engines & Mining Machinery
*†United States Cast Iron Pipe & Foundry Co. (See New York City)
SCRANTON—*†§American Safety Lamp & Mine Supply Co. (Brass & Gray Iron Castings, Mine Lamps)
*Anthracite Welding & Machine Co.
*†§Barker Samuel G. & Son (Track Scales, Machinery & Builders' Castings, etc.)
*§Everhart Brass Works (Brass Goods & Brass Castings)
*†§Finch Mfg. Co. (Iron Fdrs. & Steam Engines, etc.)
†Graff Furnace Co.
§Hughes Bros. (Lamps & Brass & Comp. Castings)
*†§McClave-Brooks Co. (Mechanical Stokers, Grate Bars, Iron & Brass Castings, etc.), Poplar
*§O'Malley Mfg. Co. (Brass Goods)
*Pearce Chas. W.
†Pinnell J. W. (Grey Iron Fdrs.)
*†Railway Steel Spring Co. (See New York City)
*Scranton Bolt & Nut Co. (Machine Shop Connected with Works)
*Scranton Electric Construction Co. (Electric Drills, etc.)
*†§Scranton Pump Co. (Iron & Brass Fdrs. & Steam Pumps)
*Scranton Silk Machine Co. (Textile Machy.)
†Scranton Stove Works (Stoves)
*†Spencer Heater Co. (Furnaces, Heaters)
†*§Sullivan John N.
*†§Touhill Iron Works
SELLERSVILLE—*U. S. Gauge Co. (Vacuum Gauges)
SHAMOKIN—*†Mullen John & Son (Iron Fdrs. & Engines, Pumps, Mining Machy., etc.)
SHARON—*†American Steel Foundries
*§Bidwell C. V.
*†National Malleable Castings Co. (See Cleveland, O.)
†Sharon Foundry Co.
*Sharon Machine Co.
*Sharon Steel Hoop Co. (Machine Shop for Use of the Company)
*†Shenango Machine Co. (Iron Fdrs. & Machinists)
SHARPSBURG—*†Moorhead Bros. & Co. (Inc.) (Iron Pipes, etc.)
†Sharpsburg Foundry Co.
SHARPSVILLE—†Valley Mold & Iron Co.
SHILLINGTON—*Miller Wm. W.
SHIPPENSBURG—*†Domestic Engine & Pump Co. (Gasoline Engines, Pumps, etc.)
SINKING SPRING — †Manufacturers' Foundry Co.
SLATINGTON — *†Slatington Foundry, Machine & Boiler Works (Ltd.) (Grey Iron Castings, Mine & Quarry Repairs, etc.)
SOMERSET—*†§Highland Fdry. & Machine Co.
SOUTH BETHLEHEM — *†§Bethlehem Fdry. & Machine Co. (Chemical Machy. & Iron & Semi-Steel & Brass Castings)
*†§Bethlehem Steel Co. (Rolling Mill, Special Machy. & Castings, etc.)
SOUTH FORK—*Oaks A. J.
†§*South Fork Fdry. Co.
SPRING CITY—*†Keystone Stove Foundry (Stoves, etc.)
*Penna. Shafting Co. (Polished Steel Shafting)
STEELTON—†Penna Stone & Range Co.
STOWE—*†§Flagg Stanley G. & Co. (See Phila., Pa.)
STROUDSBURG—*†§Marsh E. B. Bro. & Co.
*†Stroudsburg Engine Works (Hoisting Machy., etc.)
*Tanite Co. (Emery Wheels, etc.)
SUNBURY—*†§Keystone Machine Works
SWALES—†Beers J. L. & Sons
†Jamison I. M.
SWISSVALE — *†§UNION SWITCH & SIGNAL CO. THE. (Railroad Specialties)
TAMAQUA—*†§Tamaqua Mfg. Co. (Iron Fdrs. & Ore Washing & Coal Mining Machy.)
TARENTUM—†Shoop Bros,
†Stevener Chas. W.
TATAMY—*†§Messinger Mfg. Co.. (Agri. Implements, Threshers, Planters, Grain Cleaning Machinery)
TEMPLE—†Temple Malleable Iron & Steel Co. (See Phila., Pa.)
TIDIOUTE—*Grettenberger Sons
TIONA—*Norris W. C. (Oil Well Tools, etc.)
TITUSVILLE—†American Radiator Co. (See Chicago, Ill.)
*†Titusville Forge Co. (Iron Fdrs., Machinists & Forgings)
*†§Titusville Iron Co. (Steam Engines, etc.)
Young E. R. & Sons
TOPTON—*†Topton Foundry Co.
TOWANDA—*†§Humphrey Mfg. Co. (Iron Fdrs. & Machinists)
TROY—*†Troy Engine & Machine Co. (Jno. A. Parsons, Prop.) (Engines, etc.)
TUNKHANNOCK—*†§Avery's F. P. Sons
TYRONE—*†§Burley Heater Co. (Grey Iron Castings, Heaters, etc.)
*†§Stine J. C. Co. (Haulage Engines, Mine Fans, Incline Drums, etc.)
UNION CITY—*†Industrial Iron Works
UNION FURNACE—*†Union Furnace Mfg. Co. (Hot Air Registers, Shovels, Rakes, Hoes, etc.)
UNIONTOWN—Am. Brake Shoe & Fdry. Co.
§*Dudley Elec. & Mach. Co.
*Evans Mould & Foundry Co.
†Miller Foundry Co.
*†Richmond Radiator Co. (Hot Air Furnaces, Radiators & Heating Apparatus, etc). Main Office: New York
†§Union Foundry (Andrew D. Jaquett, Prop.)
VANDERGRIFT—*†§United Engineering & Foundry Co. (See Pittsburgh, Pa.)
VERONA—§Bell Bros. (See Pittsburgh, Pa.)
WARREN—Allegheny Steel Tank Car Co.
*†§Barnhart-Davis Co.
*§Bashlin Co. (Brass Fdrs. & Valves, etc.)
*†§Fairchild & Betts
*†§Gisholt Machine Co. (Machine Tools, Vertical & Horizontal Boring Mills, Turret Lathes, Brass & Iron Fdrs.)
*Jamieson M W & Co. (Steam Pumps, etc.)
*Penna. Furnace & Stove Co. (Hot Air Furnaces, etc.)
*†Struthers-Wells Co. (Gas Engines, Boilers, etc.)
See adv index at end of book
*Warren Axe & Tool Co. (Edge Tools etc.)
Warren Machine Products Co. (Air Compressors, Power Transmitting Machinery, etc)
*Wilburine Oil Works (Ltd.) (Machine Shop for Their Own Use)
WASHINGTON—*Natonal Wrought Iron Annealing Box Co.
*†§Northrup B. D.
*†Tyler Tube & Pipe Co.
*†§Zahniser Bros. & Sten (Oil & Gas Well Tools). Works: Waynesburg, Pa.
WATSONTOWN—†§Jones J. W.
WAYNE—Wayne Iron Works (See Phila., Pa.)
WAYNESBORO—*†§Emerson - Brantingham Co. (See Rockford, Ill.)
*†Emmert Mfg. Co. (Vises, etc.)
*†§Frick Co. (Steam & Traction Engines, Ice Machinery & Agl. Implts. etc.)
*†Landis Machine Co. (Bolt Cutters, Pipe Machines, etc.)
*†Landis Tool Co. (Tool Grinders, etc.)
*Victor Tool Co. (Machine Tools, etc.)
Waynesboro Fdry. & Mach. Co.
WAYNESBURG—*Zahniser Bros. & Sten (See Washington, Pa.)

WEATHERLY—*†§Weatherly Foundry & Machine Co. (Grey Iron Castings, Railroad, etc.)
†§*Edwards Furnace Co.
WEST CHESTER—*Dairy Specialty Co. (Dairy Machinery)
*Davis Louis N (Valves, etc.)
*Mayer & Eachus
*†Sharples Separator Co. (Dairy Machinery & Supplies, etc.)
*West Chester Engine Co. (Gasoline Engines)
WESTFIELD—*†Phillips Jacobs
WEST NEWTON—*†§Moore & Butts
*Neff H. S.
*†United States Radiator Corp. (See Detroit, Mich.)
WEST SALISBURY—*†§Knecht M & Sons
WHEATLAND—*†Sharon Foundry Co. (Rolling Mill Castings, Ingot Molds, etc.)
WHITE HAVEN—†§*Wilmot Engineering Co.
WILKES-BARRE—*Adder Machine Co. (Adding Machines)
†Eagle Iron Works
Gates Foundry Co.
*Kern Wm. S. (Canners' Machy.)
*Le Grand Mine Drill Works (Steam Mine Drills)
†McDade Chas. A. & Co.
*Nicholson W. H. & Co. (Expanding Mandrels, Compression Couplings, etc)
*†§Royer & Zweibel (Brass Fdrs., etc.)
*†§Sheldon Axle & Spring Co. (Carriage Axles, etc.)
§*Shelley Geo. & Sons
*†§Vulcan Iron Works (Iron Fdrs., Engines, Mining Machinery, etc.)
*†Wilkes-Barre Iron Mfg. Co.
WILKINSBURG—§*Mack Fdry. & Mach. Co.
WILLIAMSPORT—*†American Woodworking Machinery Co. (See Rochester, N. Y.)
*†§Darling Pump & Mfg. Co. (Ltd.) (Machinists & Iron & Brass Fdrs., etc.)
*Early Gas Engine Co.
*Foucart Jno. E. (Saws, Machines, Knives, etc.)
§*General Fdry. Co.
*†Hermance Machine Co. (Woodworking Machinery)
*Keeler E Co. (Machinsts & Boilermakers)
*Larzelere Machine Co.
*†§Lycoming Fdry. & Machine Co. (Sewing Machines, etc.)
*Moltz Jacob J (Woodworking Machinery)
*†National Foundry Mfg. & Supply Co. (Power Transmitting Machinery & Grey Iron Castings)
*†§Rothfuss Howard Iron Works (Engines & Saw Mill Machinery)
†Rundio Nelson L (Grey Iron Castings)
*†Shepherd Engineering Co.
*Stutzman Frank
*†Sweet's Steel Co. (Steel Castings & Machine Shop)
*†United States Machine Co. (Woodworking Machinery & Iron & Brass Castings)
*†§Valley Iron Works
*Villinger Mfg. Co. (Dies, etc.)
*†Williamsport Radiator Co. (Radiators, etc.)
†Williamsport Staple Co. (Hardware & Harness Specialties)
WILMERDING — *†§Westinghouse Air Brake Co.
*†Westinghouse Traction Brake Co. (Electric Car Brakes, etc.)
WINDOM—*Kauffman Harry M.
WRIGHTSVILLE—†*Dissinger Farm Co.
†Riverside Foundry Co.
*†Susquehanna Casting Co. (Light Castings & Hardware Specialties)
*†Wrightsville Hardware Co. (Builders' & Hardware, etc.)
WYNDMOOR—*†§Nelson Valve Co. (Valve Mfrs., Brass, Iron & Steel Fdrs., etc.)
WYOMING—*Eagan Jas. A. (Mine Drills, etc.)
YARDLEY — †§*Klonder-Weldon Dyeing Mach. Co.
YORK—*Burrows Mfg. Co. (Valves, Regulators, etc.)
§Cochrane Brass Fdry.
*†§Eyster, Weiser & Co. (Water Wheels Powder Mill Machinery & Car Castings)
*†§Farquhar A. B. Co. (Ltd.) (Agrl. Impls., Traction & Steam Engines, etc.)
*General Machine Works (Knitting Machinery, etc.)
*†Hench & Dromgold Co. (Harrows, Cultivators & Potato Diggers)
*Henry, Millard & Henry Co. (Gas & Gasoline Engines, etc.)
*Keystone Machine Co. (Jobbing, Casting & Machine Work)
†Levering Bros.
*Motter's Geo. F. Sons (Steam Engines)
*Ottemiller Wm. H. Co.
*Read Machinery Co. (Bakers' Machinery)
*Root B. M. Co. (Woodworking Machinery)
*†§SMITH S. MORGAN CO. (Turbines, etc.) *See adv index at end of book*
*†Smyser Royer Co. (Grey Iron & Builders' Castings, etc.)
*†Steacy-Schmidt Mfg. Co. (Ranges, Kilns & Grey Iron Castings)
§York H'dwe & Brass Wks.
*Wiest Machine Co.
*York Electric & Machine Co. (Incandescent Lamp Making & Special Machinery)
*†§York Foundry & Machine Co.
*†§York Mfg. Co. (Ice & Refrigerating Machinery, Corliss Engines, Castings, etc.)
*York Safe & Lock Co.
*York Wagon Gear Co. (Ltd.) (Wagon Gears)
YOUNGWOOD—§*Robertshaw Mfg. Co.
YOUNGS—*†Graver Geo. A. (Iron Fdry. & Machinist)
ZELIENOPLE—*†Herman Pneumatic Machine Co. (Foundry Molding Machines, etc.)
*†Iron City Sanitary Mfg. Co. (See Pittsburgh, Pa.)

RHODE ISLAND.

AUBURN — †§*General Fire Extinguisher Co.
†Hope Foundry Co. (Iron Castings)
BRISTOL—*†§Herreshoff Mfg. Co. (Yacht Bldrs.)
CENTRAL FALLS—*Hemphill Mfg. Co. (Knitting Machinery)
*Mossberg Wrench Co. (Special Machy)
*Newell Fred. E. (Brass Fdry.)
EAST GREENWICH—*Boston Wire Stitcher Co. (Wire Stitching Machines)
*Nock F. S. (Engine & Power Boat Builder)
EAST PROVIDENCE—†City Fdry. Co.
HILLS GROVE—†Rhode Island Malleable Iron Works (Malleable Iron Castings)
HOPE VALLEY — †§*Wood River Iron Wks., Inc.
NEWPORT—*Burnham Gilbert H. (Machinist)
*†Newport Engineering Works
*Owen T. G. (Machinist)
§Stedman P. H. (Brass Fdry. & Finisher)
PAWTUCKET—*Blackstone Machine Co.
*Collins Bros. (Machinists)
*Dawson Albert (Tipping Machines)
*Easton & Burnham Machine Co. (Textile Machinery, Spindles & Machinists), Pine
*†Fales & Jenks Machine Co. (Machine Tools, etc.)
*†§H. & B. American Machine Co. (Cotton Machinery)
*Haskell Wm. H. Mfg. Co. (Malleable Bolts Nuts etc.)
*Hemphill Mfg. Co. (See Central Falls)
Howard & Bullough American Machine Co. (Ltd.) (Cotton Machy., etc.)
*†Jenckes Knitting Machine Co. (Knitting Machinery, etc.)
§Jenkinson Jno. (Brass Founder)
*Luther C. A. & Co. (Textile Machy.)
§McKenna Frank (Brass Founders)
*Moncrief Machine Co. (Jobbing)
*New England Machine & Electric Co.
*Pawtucket Mfg. Co. (Mach., Bolts, Nuts, etc.)
*Payne Geo. W. & Co. (Textile Machy.)
*†Potter & Johnston Machine Co. (Machine Tools, etc.)
*Roberts Roy L.
*Slocum, Wm. H. Co. (Machy., Forgings etc.)
*Standard Engineering Works (Milling Machines)
*Tenney A. E. Mfg. Co. (Machinists)
*†White J. S. Co. (Iron Fdrs. & Machinists)
PROVIDENCE—*Adams Bros., 224 Eddy
*§Allen Fire Dept. Supply Co., 159 Aborn
*Allen Wrench & Tool Co., 754 Eddy *See adv index at end of book*
*American Ball Co. (Balls, etc.), 115 Clifford
*†American Locomotive Co. (Locomotives), Kinsley av. (See New York)
*†American & British Mfg. Co. (Corliss Engines, Driving Wheels, etc.), Charles
*Angell Chas. E. (Machinist), 223 Aborn
†Atlas Machine Co. 7 Eddy
†Barstow Stove Co. (Stoves, etc.), 116 Point
*Beaman & Smith Co. (Machine Tools)
*Blaisdell S. S. Machine Co., 228 Aborn
*Bragg Jno. I. (Wool, Combs, etc.), 24 Atwood
*†Brown & Sharpe Mfg. Co. (Machine Tools, Machinists' Small Tools & Grey Iron Castings)
*†Builders Iron Foundry (Grinding Machinery & Heavy Iron Castings, also Small Castings in Large Lots), 9 Codding
†§City Foundry Co., 2585 Pawtucket av
†Colvin Fdry. Co. (Grey Iron Castings) (Textile Machinery), 185 Globe
§Congdon Z. T. Brass Fdry.
*†§Crompton & Knowles Loom Works (Textile Machinery), 241 Harris av
*Cruickshank Engine Co. (Stationary & Yacht Engines), 286 Dyer
†§*D. & W. Ruse Co.
*Dart E. M. Mfg. Co. ("Dart" Unions, Couplings, etc), 1012 Eddy *See adv index at end of book*
*Diamond Machine Co. (Grinding Machinery)
*Excelsior Steam Engine & Machine Co., 32 Friendship
*Field Chas. H. (Engraving Machines), 113 Point
*†Franklin Machine Co. (Textile Machinery, Grey Iron Castings, etc.), 189 Charles
§Freely W. J. Co., 169 S Angell
§Fuller Estate of Frederic
§Fuller Iron Works (Brass & Bronze Castings, etc.), 40 Tockwotton
*†Fuller Iron Works (Cast Iron Pipe & Machy. Castings), 40 Tockwotton
*†§General Fire Extinguisher Co. (Cast Iron Pipe & Fittings, Valves, Steam Goods, etc.)
*§GORHAM CO. ARCH'L BRONZE (Brass & Bronze Fdrs.) *See adv index at end of book*
*Graham Mfg. Co. (Vises, Drill Speeders, etc.), 96 Point
†Harris-Corliss Engine & Machine Co. (Contract Machine Work), Park
*Heathcote Jno. & Son (Woollen Machinery), 212 Eddy
*Hughes Wm. Co., Bough
§Ideal-Die Casting Co. 756 Eddy
*Langelier Mfg. Co. (Special Machy.), Arlington
Lederer Bros. Co. (Screw Machine Products), 100 Stewart
*Mann Chas. A., 166 Doyle av
*Mason Volney W. & Co. (Elevators & Machy.), 2 Lafayette
*Mechanical Accountant Co. (Adding Machines, etc.), 17 Warren
†Narragansett Fdry. Co.
Narragansett Machine Co.
*†New England Butt Co. (Braiding Machinery, etc.), 304 Pearl
†NICHOLSON FILE CO. (Files, Rasps, etc.) *See adv index at end of book*
*No-Dust Drying Machine Co. (Metal Drying Machines, Mechanical Dust Collectors, Polishing Machs., etc.)
*Parkinson Edw. Mfg. Co. (Machinist), 84 Sprague
*Pay Chas. & Co., 307 S Water
§Providence Art Metal Co., 137 Clifford
§Providence Brass & Aluminum Fdry. (Aluminum, Brass & Bronze Castings), 460 Eddy
*Providence Engineering Corp. (Corliss Engines & Contract Machy., etc.). 521 S Main

RHODE ISLAND—Providence—continued
*Providence Mfg. & Tool Co. (Tools, etc.), 17 Warren
*Providence Steam Trap Co. (Steam Traps, etc.), 16 Diamond
†Providence Steel & Iron Co., Kinsley av
*Rhode Island Braiding Machine Co. (Textile Machinery), 228 Aborn
§Rhode Island Brass Foundry Co., 108 Pine
*Rhode Island Tool Co. (Tools, Nuts, etc.)
*Richards I. P. Co. (Punches, Dies, etc.), 23 Pemberton
*Rushton Carroll Co. (Textile Machy.), 10 Ethan
*Scott Henry L. & Co. (Machinists), 101 Blackstone
Screw Machine Products Corp. (Contract Mechanical & Electrical), 1012 Eddy
§Shirley Jno. R. & Sons (Gas Fixtures), 68 Franklin
†*Slocomb J. T. Co. (Machinists' Tools), 35 Oxford
*Standard Machy. Co. (Presses, Drops, Rolling Mills, Draw Benches, Shears, etc.)
*†§Textile Finishing Machinery Co. (Textile Machinery), 171 Westminster
*Thurston Mfg. Co. (Machy & Tools), 140 Benedict
*Tower James H. Iron Works (Iron Work of all kinds), 50 Borden
*U. S. Bobbin & Shuttle Co. (Textile Machinery), 57 Eddy
*Universal Winding Co. (Winding Machines), Auburn
§White-Stillman Foundry Co. (Brass Fdrs.), 1 Bark
*Willeman Mfg. Co., Inc. (Special Machinery & Tools), 181 Eddy
*Winsor & Jerauld Mfg. Co. (Textile Machinery), 223 Harrison
RIVER POINT—†Brayton L. Foundry Co. (Grey Iron Castings)
VALLEY FALLS—*Hindley Mfg. Co. (Castings, Keys, etc.)
WARREN—†§Bosworth Walter S.
*Potter, Collamore & Co.
WESTERLY—*†§Cottrell C. B. & Sons Co. (Printing Presses, etc.)
*Wilcox, Donahue & Co. (Stone Tools, etc.)
WOONSOCKET—*American Wringer Co. (See New York City)
†§Charlotte Bros.
*Knight Geo. C. (Machinist)
*Taft Pierce Mfg. Co. (Contr. for Special Machy. & Mechanical Devices of All Kinds)
*†§Woonsocket Machine & Press Co. (Textile Machy.)
*Woonsocket Napping Machinery Co. (Textile Machy.)

SOUTH CAROLINA.

ANDERSON—*†§Anderson Mach. & Fdry. Co. (Machinery & Castings)
CHARLESTON—*†Charleston Iron Works (Machinery, Engines, Rollers, etc.)
*†§Riley Jno. F. (Brass & Iron Castings, Forgings, Machinists, etc)
*†§Riverside Iron Works (Machinists Fdrs., Shipsmiths, etc.)
*†§Valk & Murdoch Co. (Iron Fdrs., Machinists & Machinery)
†Virginia-Carolina Chemical Co. Fdy. Department)
CHERAW—*†§Pee Dee Iron Works
CHESTER—*Chester Machine & Lbr. Co.
COLUMBIA—*†Gibbes Machinery Co. (Engines & Machinery Corp.)
*†Palmetto Iron Works
*†§Willis J. A. (Steam Engines, etc.)
CONWAY—†Conway Iron Works
CORNWELL—*McKeown W. O. & Sons
DARLINGTON—†§*Darlington Iron Wks.
†Wilson & James
DILLON — *Dillon Plow Works (Plows, etc)
FERGUSON — *†§Santee River Cypress Lumber Co.
GAFFNEY—*†§Cherokee Fdy. & Mach. Works
†§Randall L. Y. S. C.
GEORGETOWN—*†§Atlantic Coast Lumber Corp.
GREENVILLE — *American Machine & Mfg. Co. (Oil Mill Machy., etc.)
†§*Greenville Iron Wks.
Greenville Iron Works (Textile Castings)
*†§Mountain City Fdry. & Machine Works (Inc.)
McCOLL—*Fletcher John C. (Cotton Planters, etc.)
MARION—†McDuffie Emerson
†§*Marion Iron Wks.
ORANGEBURG—*†Smoak J. W.
ROCK HILL—*†Jones E. G. Iron Works
†Syleecau Mfg. Co.
SALUDA—†Crout J. M.
SPARTANBURG—*Bomar B. F.
†§*E. Z. Force Pump Co.
*†§Standard Iron Works
SUMTER—*†§Sumter Machinery Co.
*§Sumter Telephone Co.
UNION—†Union Iron Foundry
WALTERBORO — *†§Cummings Iron Works & Supply Co.

SOUTH DAKOTA.

ABERDEEN—*†Hub City Iron Works
CANTON—*Ellingson E.
DEADWOOD—†§*Hogarth Jas.
DE SMET—*Elliott G. W. & Co. (Gasoline Tractors)
LEAD—*†§Homestake Mining Co.
MITCHELL—†*Summers F. A.
MELLETTE—*Oberle John
REDFIELD—*†§Norbeck & Nicholson Co. (Iron Fdrs. & Machinists)
SIOUX FALLS—*Dakota Plow & Wagon Co. (Agricultural Implts., etc.)
*†§Pankow Bros. (Fdrs. & Machinists)
WATERTOWN—†§*Bruns J. H. Fdry.
*Hanten Machine Co.
*Hess & Rau
WEBSTER—*Magnus Wm. J. (Machinist)
WOONSOCKET—†Janssen J. H.
YANKTON—*Fanslow Bros. (Machinists)
*Veiling Anton

TENNESSEE.

BRISTOL—*†§Enterprise Foundry & Machine Works
CHATTANOOGA—*†§Acheson Foundry & Machine Works
*†American Brake Shoe & Foundry Co. (See Mahwah, N. J.
*American Lava Co.
See adv index at end of book
*American Mfg. Co. (Light Hardware, etc.)
*Brown T. W. & Bro.
†Cahill Iron Works (Plumbers' Enameled Cast Iron Ware)
*†§Casey-Hedges Co. (Cast Iron Soil Pipe & Fittings, Boiler Fronts & Castings, Grate Bars, etc)
*Chattanooga Armature Works (Armature Castings, etc.)
*†§Chattanooga Car & Foundry Co. (Cars, Car Wheels, Grey Iron Castings, etc.)
*†Chattanooga Implement & Mfg. Co. (Hay Presses, Agrl. Implts., etc.)
*†Chattanooga Plow Co. (Plows, Cane Mills, etc.)
†*Chattanooga Roofing & Fdry. Co.
*Chattanooga Saw Works (Saws, etc.)
*†§Columbian Iron Works (Fire Hydrants, Valves, Municipal Castings, etc.)
*†§Eureka Foundry Co. (Iron Fdrs.)
†Frictionless Metal Co. (Bearings, etc.)
*†§Gustafson Mfg. Co. (Cars, Mine Equipments, Car Wheels, etc.)
†Heron Iron Bedstead Co.
*†Jones Machine & Foundry Co. (Brass & Grey Iron Castings)
*†Lookout Boiler Mfg. Co. (Grey Iron Castings, etc.),
Lucey Mfg. Corp. of Tenn. (Oil Well Machinery, Tools, etc.)
*McGregor J. F. Mfg. Co. (Hardware Specialties, etc.)
*†Mountain City Stove & Mfg Co. Stoves, etc.)
*†Patten Mfg. Co. (Electric & Gasoline Hoists, etc.)
*Peglar Machinery Co. (Saw Mill Machinery, etc)
†Price-Evans Foundry Co. (Iron & Brass Castings, Stoves, etc.)
*†§Ross-Meehan Foundries (Grey & Malleable Iron Castings, etc.)
*†Sanders Newell Plow Co. (Plows etc.)
*§Sharp J. C. Brass Works
*Sherman Morris Co.
*Southern Skein & Foundry Co. (Grey Iron Castings, Wagon Skeins, Wagon Hardware, etc.)
*Star Pea Huller Co.
*Stickney & Montague (Mail Work)
*Street Bros. Machine Works
See adv index at end of book
*Sybilla Elevator & Mfg. Co. (Elevators, Hoists, etc.)
*Tennessee Stove Works (Stoves, etc)
*†U. S. Cast Iron Pipe & Foundry Co. (See New York City)
*Vacuum Dyeing Machine Co.
*Vesta Gas Range & Mfg. Co. (Stoves, Ranges, etc.)
§Vibrator Instrument Co.
*†Walsh & Weidner Boiler Co. (Boiler Fronts & Castings, etc.)
See adv index at end of book
*†Wheland Co. (Engines, Saw Mill Machinery, etc.)
CLARKSVILLE—*†§Clarksville Foundry & Machine Works (Brass & Grey Iron Castings, etc.)
*†§Drane Foundry & Supply Co.
*†§Patch A. H. (Corn Shellers, Feed Mills, etc.)
CLEVELAND—*†§Hardwick Stove Co. (Stoves)
COOKEVILLE—Dorman E. E.
COPPERHILL—*†§Tennessee Copper Co.
HARRIMAN—*†§Harriman Mfg. Co. (Lawn Rollers, Fanning Mills, etc.)
JACKSON — *†§Heathcock-Rush Machine Co.
†§*Jackson Iron & Bronze Wks.
*†§Southern Engine & Boiler Works (Engines, Saw Mill Machy., etc.)
JELLICO—*†§Jellico Foundry Co.
JOHNSON CITY—†§*Johnson City & Machine Co.
KNOXVILLE—*Dempster Jas. (Machinist)
*Duncan John G. Co.
†Fair Foundry Co. (Stoves, etc.)
*†§Fulton Co. (Specialties)
*†Knox Stove Works (Stoves, etc.)
*†§Knoxville Foundry & Machine Co.
*Knoxville Iron Co. (Machine Shop Attached to Works)
†Lonsdale Foundry Co.
†Nelsen H. O. Iron Works (Iron Fences & Castings)
*Oliver Wm. J. Mfg. Co. (Contractors' Cars, etc.)
*†Sanford-Day Iron Works (Car Wheels & Cars)
*†§Savage W. J. Co. (Mill Machy., etc)
*†Southern Pipe & Foundry Co.
*Ty-Sa-Man-Machine Co.
*Wolfe M. L. Automobile Co. (Machinist)
LAWRENCEBURG—*Beuerlein F. X.
LENOIR CITY—*†Lenoir Car Works
LEWISBURG—*Green Bros.
†Lewisburg Foundry Co. (Castings, Stoves, etc.)
LEXINGTON—*†Southern Fdry. & Machine Co.
McMINNVILLE—*†§Wrightman D. M. & Son
MARYVILLE—†*McNaughton Mfg. Co.
MEMPHIS—*†American Car & Foundry Co.
Beronio & Palmer (See St. Louis, Mo.)
†Chickasaw Iron Works
*†Chickasaw Machine & Foundry Co.
*†§Ellis Wm. C. & Sons Iron Works (Agrl. Implts. & Machy.)
*†Lane F. M.
*§Memphis Brass Valve Works
*†§Memphis Machine Works (Saw Mill Machinery, etc.)
*Memphis Repair Works
†§*Union Fdry. & Mach. Co.
Vulcan Iron Works
*†Wetter H. Mfg. Co. (Stoves, Cast Iron Soil Pipe, etc.). Works: So. Pittsburg, Tenn.
NASHVILLE—*†Allen Mfg. Co. (Stoves)
*Atlas Machine Co.
*Bouchard John & Sons Co. (Compressors, Ice & Refrigerator Machinery)
*Braid Electric Co. (Elec. Specialties)
*†Cumberland Foundry & Mfg. Co. (Hdw. Specialties)
*†Gray & Dudley Hardware Co.
†Jakes Foundry Co.
*†Jones & Hopkins Mfg. Co. (Stoves, Ranges & Heaters)
*†Jonte N. S. (Machinist)
*§Lawrence J. H. & Sons
*§Marathon Motor Car Co. (Auto Bldrs.)
*†§N. C. & St. L. Ry.
*Nashville Bridge Co.

*§Nashville Machine Co.
*Phillips & Buttroff Mfg. Co. (Stoves, Ranges, etc)
*Rock City Machine Co. (Machinists)
†Southern Foundry Co. (Small Iron Castings)
*†§Stewart & Bruckner Co.
PULASKI—*†Pulaski Machine Co.
*West J. G.
ROCKWOOD—*†§Roane Iron Co.
SOUTH PITTSBURG—*†Lodge Mfg. Co. (Sad Iron & Hdw. Specialties)
†South Pittsburg Foundry Co. (Soil Pipe, etc.)
*†Wetter H. Mfg. Co. (See Memphis)
UNION CITY—*†§Semones & Son

TEXAS.

AMARILLO—†*Amarillo Fdry.
AUSTIN—†*Dixon Mfg. Co.
*Gossard A. R. (Mill Machinery)
*†Heierman Frank & Bro.
†§Tips Foundry & Machine Co. (Gasoline Engines, Pumps, etc.)
BATSON—*Thompson & Dederick & Co.
BEAUMONT—*†§Beaumont Iron Works Co.
BELTON—†§*Central Mfg. Co.
§*Oil City Brass Wks.
†*S. H. Supply Co.
BRENHAM—*†§Beaumier Joe H.
*Roff & Miller
BROWNWOOD—*†Brownwood Fdry. & Machine Co.
BRYAN—*Stevenson John B.
CLEBURNE—*†§Cleburne Foundry Co.
CORSICANA—*†§American Well & Prospecting Co. (Iron Fdrs., Machinists & Engineers, Well Machy.)
*†§Oil City Iron Works
DALLAS—*†Continental Gin Co. (Cotton Gins). (See Birmingham, Ala.)
*§Dallas Brass Mfg. Co. (Brass & Aluminum Castings)
*§Dallas Foundry
†*Deuback B. & Son
*†Mosher Mfg. Co. (Iron & Brass Founders, Machinists, etc.)
*†Murray Co. (Gin Machy. & Supplies)
*Southern Plow Co. (Agricultural Implements)
*†Sutton, Steel & Steel (Mining Machinery, etc.)
§*Texas Brass Mfg. Co.
*†Texas Disc Plow Co. (Plows, etc.)
DENISON—*Clark H. W. & Son
†Knaur Wm. E. (Iron Fdry.)
*§Knaur & Howe
EL CAMPO—*Lindstrom C.
EL PASO—§*Baumgarten & Wyler
*†Darbyshire Harvie Iron & Machine Co.
*†§El Paso Foundry & Machine Co. (Steel Castings)
FORT WORTH—*†§Axtell Co. (Windmills, etc.)
†§Boicourt, J. L.
†§Bowdry & McKinley Iron Works
*Enterprise Iron & Foundry Co.
*†§Gamer Co.
*§Midland Brass Works (Brass Fdrs.)
*Southwestern Mechanical Co.
*Texas Anchor Fence Co. (Farm, Stock & Lawn Fencing, Gates, etc.)
*Texas Mfg. Co. (Cotton Gins, etc.)
*†Utica Brass & Machine Co.
*†Van Zandt-Moore Iron Works
GAINESVILLE—†Arnett C. C.
*Collins H. L.
GALVESTON—*†McDonough Iron Works (Steam Engines)
*†§Walsh & Cleary (Iron Fdrs.)
HENDERSON—Teller E. J. & Son
HOUSTON—*†Calhoun Pattern Foundry & Machine Co.
*†Dickson Car Wheel Co. (Car Wheels, etc.)
*Grant Locomotive & Car Works (Locomotives & Cars Rebuilt)
*†§Hartwell Iron Wks. (General Machine Work & Iron & Brass Castings)
*†Houston Car Wheel & Machine Co. (Dredge, Oil Mill & Saw Mill Machy. & Iron Castings)
*§Houston Iron Wks. (Oil Mill Strainers, Brass Castings & Machine Work)
*Houston Structural Steel Co. (Steel Work for Buildings, etc.)
*Layne & Bowler Co. (Pumps & Oil Well Strainers, etc.)
*†§Lloyd Metal Co. (General Machine Work & Iron & Brass Castings)
†§*Lucey Mfg. Corp. of Texas
§Magnus Co., Inc.
§Miller Louis E. (Electrical Engr. & Brass Fdr.)
*§Ries & Fink (Iron & Brass Work & General Machinist)
*Riesner B. A.
*§Southern Brass Mfg. & Plating Co. (Brass Fdrs., Finishers & Platers)
*Stancliff Well Screen & Mfg. Co. (Oil Well Strainers, Drive Well Points, etc.)
*†Union Iron Works (Well Drilling Machy.)
JEFFERSON—*†§Jefferson Fdry. & Machine Shops
LAMPASAS—*Huling Tom B.
LAREDO—*Laredo Iron Works
LONGVIEW—*†Kelly G. A. Plow Co. (Agricultural Implts.)
LUFKIN—*†§Lufkin Fdry. & Machine Co. (Saw Mill Machinery, etc.)
MARSHALL—*†§Marshall Car Wheel & Fdry. Co. (Car Wheels, etc.)
ORANGE—*†§Orange Iron Works
PALESTINE—*†Dilley Geo. E. & Son (Iron Fdrs. & Cars & Castings, etc.)
PARIS—*†§North Texas Foundry & Machine Co.
PITTSBURG—*†§Pittsburg Foundry & Machine Co.
QUEEN CITY—*†Boyd W. E.
RUSK—*†§Pryor James T.
SAN ANGELO—*§San Angelo Fdry. & Machine Co.
SAN ANTONIO—*†§Alamo Iron Works
*†San Antonio Machine & Suppy Co. (Well Machy.)
†§San Antonio Fdry. Co.
*†San Antonio Machine & Supply Co.
*Schiffers Peter & Sons
*Southern Structural Steel Co.
†§*Wenterborne W. H. & Sons
SHERMAN—*†§Washington Iron Works
TEXARKANA—*†De Marce Mrs. A. (Iron Fdry. & Steam Engines, etc.)
†§*Tex. Steam Engine Wks.
†§Twin City Fdry. & Mach. Co.
VICTORIA—*Knowlan Machine & Supply Co. (Jobbing)
*Rose Jas. G. (Jobbing)
*Victoria Safe & Lock Co. (Safes, etc.)
WACO—*†§June D. Machinery Co. (Mill & Gin Machy., etc.)
WAXAHACHIE—*Cronk F. S. Co.
WEATHERFORD—*†§Lewis J. R. Weatherford Machinery & Foundry Co.
WICHITA FALLS—*Luecke H. C.
*†§Wichita Falls Foundry & Machine Co.

UTAH.

OGDEN—*†§Pearce Wm. & Sons
*†§Western Foundry & Machine Co.
PROVO CITY—†§*Provo Fdry. & Mach. Co.
SALT LAKE CITY—†§*Allen F. B. Co.
*Crager Wire & Iron Works
*†§Davis, Howe & Co.
*Fowler J. P. Mfg. Co.
†§*Garfield Smelting Co.
*Numa Rock Drill Sharpener Co. (Rock Drill Sharpening Machines, etc.)
*†§Oregon Short Line R. R.
*†§Salt Lake Engineering Works (Mining, Concentrating & Smelting Machinery)
†Salt Lake Sash Weight Co.
§Standard Brass Fdry. Co.
*Trent Engineering & Machinery Co.
†Western Foundry & Stove Repair Works

VERMONT.

BARRE—*†§Smith, Whitcomb & Cook Co. (Stone Polishing & Working Machinery)
BARTON—*†§Murkland Jno. W. Co.
BELLOWS FALLS—*†Rockingham Foundry & Screen Plate Co. (Founders & Screen Plates, etc.)
*†Vermont Farm Machine Co. (Creamery Machinery, etc.)
BENNINGTON—*†§Bennington Scale Co.
*Cooper Chas. (Est. of) (Knitting Machinery, etc.)
*†§Scott Olin (Est. of) (Gun Powder, Paper & Pulp Mill Machy., etc.)
*Sibley E. L. Mfg. Co. (Eyelet Presses)
BRANDON—†Backus Corp. (Heaters, etc.)
BURLINGTON—Davis Machine Works
*Kidder J. F. Mfg. Co. (Angle Iron Cutting Machines)
†§*Vermont Construction Co.
CHESTER—*Chester Machine Co.
DERBYLINE—*Butterfield & Co. (Taps & Dies, etc.)
EAST HIGHGATE—*Rixford Mfg. Co. (Scythes, Axles, etc.)
FAIRHAVEN—*†Dalrymple George
*†Fair Haven Foundry & Machine Co. (Hoisting Engines, Iron Castings, etc.)
HIGHGATE—†§*Highgate Mfg. Co.
LUDLOW—*Warner Edw. C.
LYNDONVILLE—§Harriman L. P.
§Wood Edwin T.
MANCHESTER—*†§American Locomotive Co. (See N. Y. City)
*Hawley E. J. & C. H. (Sand Feed & Stone Working Machy.)
MIDDLETOWN SPRINGS—*Gray Fred. E.
MONTPELIER—*§Colton Mfg. Co. (Saddlery Hdw.)
*†§Lane Mfg. Co. (Woodworking Machinery, Traveling Cranes, etc.)
MORRISVILLE—*†§Morrisville Foundry Co.
POULTNEY—†Gray Foundry, Inc.
*†§Ruggles Machine Co. (Slate Machinery, etc)
RANDOLPH—*†Sargent, Osgood & Roundy Co. (Plows, Farm Machy., etc.)
RUTLAND—†Davis Chas. E.
*Frenier & Son (Sand Pumps & Stone Working Machinery)
*Grimm G. H. (Evaporators, Steel Ranges, etc.)
*†§Howe Scale Co. (Scales, Engines, Power Hammers, etc.)
*†§Lincoln Iron Works (Stone Working Machy., etc.)
*†§Patch F. R. Mfg. Co. (Stone Working Machy., etc.)
*Rutland Machine & Auto Co.
*Steward L. & J. A. (Can Makers' Machinery, etc.)
SAINT JOHNSBURY—*American Fork & Hoe Co. (See Cleveland, O.)
*†§Fairbanks E. & T. & Co. (Scales, Power Hammers, etc.)
†§*Fairbanks E. T. & Co.
*†§Hooker O. V. & Son
SOUTH ROYALTON—*†Daniel Machine Co. (Cutting Machines)
†§*Hookery O. V. & Son
SOUTH SHAFTSBURY—†Eagle Square Mfg. Co. (Steel & Iron Bedsteads, etc.)
SPRINGFIELD—*Bryant Chucking Grinder Co. (Chuck Grinders, etc.)
*†Fellows Gear Shaper Co. (Gear Shaping Machines)
*Gilman & Son (Last Lathes, etc.)
*†Jones & Lamson Machine Co. (Machine Tools, etc.)
*Parks & Woolson Machine Co. (Textile Machy)
*Slack Mfg. Co. (Metal Cutting-off Machines)
§Springfield Brass Co. (Brass Fdrs.)
†§Vermont Snath Co.
WALLINGFORD—*American Fork & Hoe Co. (See Cleveland, O.)
*Wallingford Mfg. Co. (Hdw. Specialties, etc.)
WATERBURY—*†§Cooley Wright Mfg. Co. (Gas Engines)
WESTMINSTER STATION—*Abenaque Machine Works (Gas & Gasoline Engines, etc.)
WEST RUTLAND—*North Aaron E. (Water Wheels)
WHITE RIVER JUNCTION—Nott H. L.
WINDSOR—Hubbard & McClary (Hdw Specialties)
WINOOSKI—*†§Stevens C. N. (Est. of) (Woodworking Machy)
WOODSTOCK—*View Wm. E.

VIRGINIA.

ALEXANDRIA—*Aitcheson J. & H.
*†Alexandria Iron Works (Iron Fdrs., etc.)
*Emerson Engine Co. (Steam Engines, Turbines, etc.)
*†Emerson Steam Pump Co. (Steam Pumps, etc.)

VIRGINIA—continued
ALTAVISTA—*†§Altavista Foundry Co. (Iron Castings, Grate Bars, etc.)
BASIC—*†§Penn Fdry. & Mfg. Co. (Steel & Malleable Iron Castings)
BERKLEY—*Berkley Machine Works
†§*Old Dominion Iron Wks.
†Blackstone Plow Wks.
BRIDGEWATER—*Miller W. H.
BRISTOL—†§Iron City Stone & Fdry. Co.
BUENA VISTA—*†§Buena Vista Foundry Co.
CHARLOTTENVILLE—†§Albemarle Stove Wks.
*†Harris R. F. & Co. (Agrl. Implts., etc)
*Marshall George B.
CLIFTON FORGE—†§Clifton Forge Machine & Foundry Co.
COVINGTON—*†§Covington Machine Co. (Punches, Shears, Rolls, etc.)
CULPEPPER—*Nalle T. E.
DANVILLE—*†§Carter's J. T. Sons (Machinist & Fdry.)
†§Union Fdry. Co.
*†Westbrook Elevator Co. (Elevators & Tobacco Machinery, etc.)
EMPORIA — *†§Emporia Machine Co. (Inc.)
FINCASTLE—*†Bowyer O. M. (Machinist & Fdry.)
FREDERICKSBURG—†§*Dannehl Valentine
†Hunter Chas. E. Farmers' Friend Plow Works (Plows, etc)
GRAHAM—*†§Thistle Foundry & Machine Co.
HAMPTON—*†§Hampton Mfg. Co. (Agrl. Implements, Aluminum, Brass & Grey Iron Castings, etc.)
HARRISONBURG—*†Bradley P. & Sons (Plows & Agrl. Implts.)
*Garber & Wilbarger Co.
KEYSVILLE — †Keysville Plow Works (Plows, etc.)
LYNCHBURG—*†§Glamorgan Pipe & Fdry. Co. (Cast Iron Pipe, etc.)
*Hicks C. W. & Co.
*†§Hubard Foundry & Machine Works
*†§Lynchburg Foundry Co. (Cast Iron Gas & Water Pipe & General Foundry Work)
†§*United Cigarette Mach. Co., Inc.
MARION—*†Look & Lincoln (Agrl. Implements, Wagons, etc.)
*†Marion Fdry. & Machine Works
MARTINSVILLE—*†§Cheshire J. & Son
NEWPORT NEWS—*†§Newport News Ship Building & Dry Dock Co. (Steel Ships, Marine Engines, etc.)
*†Warwick Machine Co. (Marine Repairs)
NORFOLK—*†§Atlantic Iron Works (Iron & Brass Castings of Every Description)
†§*Berkley Mach. Wks. & Fdry. Co.
†Billups C. Son & Co. (Agrl. Implts., etc.)
*Chesapeake Launch & Motor Co. (Marine Engines, etc.)
*Donahue & Marsden
*†§Duval Geo. W. & Co.
*†§Eagle Iron Works
*†Elizabeth Iron Works (Engines, Boilers, Forgings, etc.)
*†§Godwin Thos. W. & Co. (Marine Engines)
*Gyro Metal Works
*Norfolk Woodworking Machinery Co. (Woodworking Machy, etc.)
†§*Old Dominion Iron Wks.
§Southern Metal & Fdry. Corp.
*†§Ridgewell & Hall
*Smith & McCoy
*Twin City Iron Works
*†§White's S. R. Sons (Agrl. Implts)
†Whitehurst R. W. Mfg. Corp. (Agrl. Implts., etc.)
NORTON—*†§Norton Car & Foundry Co.
PARKSLEY—*McCready J. B.
PETERSBURG—*†§Appomatox Iron Wks. & Supply Co. (Saw Mill Machinery, Iron & Brass Castings, etc.)
*†Ayers J. R. (Agricultural Implement Mfrs.)
*†§Titus Elmer E. (Iron Fdry. & Basket & Veneer Cutting Machy., etc.)
PHOEBUS—†*Freed Heater Co. Inc.
POOLVILLE—†Pool S. P.
PORT REPUBLIC—†Port Republic Foundry
PORTSMOUTH—*Portsmouth Machinery Works
*Southern Metal & Fdry. Corp. (Brass Castings)
PULASKI—†*General Chemical Co.
*†§Pulaski Foundry & Mfg. Co.
*†§Virginia Iron, Coal & Coke Co.
PURCELLVILLE—Pancoast & Paxson Co.
RADFORD—*†Lynchburg Foundry Co. (Cast Iron Pipe, etc.)
RICHMOND — *†§American Locomotive Co. (Locomotives), N End 7th (See New York City)
*†Call-Watt Co. (Plows, etc.)
†Cameron Stove Co. (Stoves, etc.),
*†§Cardwell Machine Co. (Machinists & Fdrs.), 1900 E Cary
†§Carr Jas. W. (Brass & Iron Castings, etc.), 7th N 25th
*Commonwealth Supply Co., Mutual bldg
†Continental Stove Co. (Stoves, etc.)
†Frictionless Metal Co. (Bearings, etc.), 608 Byrd. (See Chattanooga, Tenn.)
*†Johnson J. R. & Co. (Car Axles, etc.)
*Kline Kar Corp. (Auto Bldrs.), Boulevard nr. Fairgrounds
*McConnell-Browning Eng. Co. (Special Machy.), 1015 E Cary
*†McGee O. G. & Son, 2312 E Main
*McLaughlan Thos., 3016 Poplar
*Morrison Company, Mayo's Isle
†Old Dominion Iron & Nail Works Co. (Iron Fdrs. & Nails & Bar Iron, etc.), Belle Isle
*†Richmond Electric Works (Dynamos, etc.), McDonough
*†Richmond Fdry. & Mfg. Co. (Grey Iron Castings), Hermetage rd
*Richmond Pressed Metal Works, Inc., Stockton & 6th
*†Richmond Stove Co. (Stoves, etc.), 2506 E Main
*†Richmond Structural Steel Co., 17th & Dock
†§Southern Stove Works (Stoves, etc.)
†Starke's Dixie Plow Works (Agrl. Implements, etc.)
*†§Strickland Machine Co. (Machinists & Fdrs.), 2330 E Main
*Tower-Binford Electric & Mfg. Co. (Electrical Specialties)
*†§Tredegar Co. (Car Wheels & Brass & Iron Castings), ft. of 5th
*Turner Jno. Son (Jobbing), 1108 E Cary
*Umlauf J. A. (Elevators), 9 S 15th
*Virginia Forging & Mfg. Co.
*Virginia Iron & Metal Co., 7th & Semmes
ROANOKE—*Consolidated Tramway Co.
†§*Roanoke Iron & Bridge Wks., Inc.
*Rock Hill Machine Works
†Shank C. E.
*†§Roanoke Iron & Bridge Works, Inc.
*†Virginia Bridge & Iron Co. (Bridge & Steel Structural Work, etc.)
SALEM—*Comas Machine Co. (Cigarette Machinery)
*†§Salem Foundry & Machine Works (Flour Mill Machy.)
SALTVILLE—*†§Mathieson Alkali Works
STAUNTON—*†Leader Plow Co. (Plows, etc.)
*Stockdon B. F. & Bros.
SUFFOLK — *†§Benthall Machine Co. (Peanut Picking Machines, etc.)
SUTHERLIN*†Kerns T. A.
TOMSBROOK—†Powell's Fort Stave Co.
VENTER—*†Adams C. R.
VESUVIUS—†Vesuvius Plow Works (Agricultural Implements)
WAYNESBORO—†Loth W. J. Stove Co. (Stoves)
*†§Rifle & Schoppert (Iron Fdrs. & Machinists)
WEST GRAHAM—†§*Thistle Fdry. & Machine Co.
WINCHESTER—*†Snapp Fdry. Co.

WASHINGTON.

ABERDEEN—*†§Douglas Bros. (Founders & Machinists)
*Nelson Neis & Son
*Potter F. M.
ANACORTES — *Bell Machine Works (Jobbing)
Knapp & Ronneberger (Machinist)
ASOTIN—*Brown L. K. (Machine Shop)
BELLINGHAM—*†§Burpee & Letson (Ltd.), (Shingle Mill Machinery, Canning Machinery, etc.)
†Union Iron Works (Iron Castings)
*Walling S. E. (Shingle Machinery, etc.)
†§*Whatcom Machinery Depot
BLAINE—*Seely Bros. (Canning Machinery)
*Snow & Goodfellow
CASTLEROCK—*Dickson J. W.
CENTRALIA—Enterprise Foundry
*†§Symons J. P. Co.
CHEHALIS—*Gustaveson P.
COLFAX—†§*Colfax Iron Works
CONNELL—*Flygare & Barnes
*Thomas W. F.
ELLENSBURG—*Mitchell G. L.
ELMA—*Zander J. C.
EVERETT—*Aalbu Bros. (Jobbing)
*†§Bayside Iron Works
*†§Kravik G. H.
†§*Nordeen Iron Works
*†Schofield Fred.
*†§Sumner Iron Works (Saw & Shingle Mill Machy., Boilers, etc.)
†Washington Stove Works (Stove Mfrs.)
GOLDENDALE—*Goldendale Garage
HARRINGTON — †§*Dunning Euch Harvester Co.
HOQUIAM—*†§Gray's Harbor Iron & Steel Co. (Founders, Forgers & Machinists)
*†§Lamb Machine Co.
KELSO—*Peters Machine Works
MT. VERNON—*Franklin Iron Works
*Hamburg Bros.
*McNicol Walter
NEWPORT—*Miner F. W.
NORTH YAKIMA—§Heer L. L.
*†§Yakima Iron Works
OLYMPIA—†§*Capitol City Iron Wks.
*Lindley Chas. D.
*Parrott & Hahn
PORT ANGELES—*Machenheimer Bros.
PORT TOWNSEND—*Jones Fred. D.
RAYMOND—*†§Raymond Foundry & Machine Co.
RENTON—*†Seattle Car & Foundry Co.
RITZVILLE—*Landreth W. H.
ROCKFORD—*Cosman Jacob E.
SEATTLE—*§Art Hardware & Mfg. Co. (Bldrs.' Hardware, Brass Castings, etc.)
*Biegert J. C. Machine Works (Mill Mining & Marine Work)
*Clyde Casting Co.
§Doran & Shays Brass Foundry, 2715 Whatcon av
*§Eagle Brass Foundry
§Enterprise Brass Foundry
§Finn John Metal Works (Babbitt & Blaring Metal, etc.)
*Heffernan Engine Works (Steam Engines, etc.)
†Lang F. S. Mfg. Co. (Stoves, etc.)
*Meese & Gottfried Co., 558 1st av S. (See San Francisco, Cal.)
*Miller J. K. Co. (Blowers, Heating Apparatus, Ventilating Fans, etc.)
*†§N. &. S. Foundry Co.
National Engng. & Equipment Co.
*†Northwestern Iron Works (Mining Machinery, etc.)
†Olympic Foundry Co. (Grey Iron & Builders' Castings, etc.)
Olympic Steel Work
*Philbrick Cutter Head Co. (Cutterheads)
†Popple & Knowles Co. (Furnaces, etc.)
*Puget Sound Machinery Depot (Jobbing, Repairs, etc.), 318 1st av S.
†Salmon Bay Foundry Co.
*§Salmon Bay Iron & Brass Foundry
*†Seattle-Astoria Iron Works (Engines, Canning Machy. & Iron Castings)
*Seattle Brass Co. (Brass Fdrs.)
*§Seattle Car & Foundry Co. (Car Builders, etc.)
*†§Seattle Construction & Dry Dock Co. (Ship Builders, Marine Engineers, Iron & Brass Fdrs., etc.)
*†Seattle Frog & Switch Co. (Frogs, Switches, etc.)
*Seattle Machine Works (Contractors' Machinery)
*Seattle Stove Works
§Sharps Brass Foundry
*Smith Cannery Machine Co. (Canning Machines, Lathes, etc.)
*South Seattle Foundry Co.
†§Star Foundry Co.
*Star Machinery Co. (Gang Edgers, Hoists, etc.), 1731 1st av S
*Stetson-Ross Machine Works (Woodworking Machinery)
*†§Sumner Iron Works

†Variety Iron Works (Machinery & Castings)
†§*Vulcon Mfg. Co., 1200 4th av, S
*Washington Elevator Co. (Elevators. etc.)
*†Washington Iron Works (Hoisting & Logging Engines, Castings, etc.)
†West Coast Iron Works
*†Westerman Iron Works (Iron Fdrs. & Machinists)
SHELTON—*Horn Philip (Jobbing)
SNOHOMISH—*†§Snohomish Iron Works
SOUTH BELLINGHAM—†§*Burpee & Letson
SOUTH BEND—†Gilchrist John G.
SPOKANE—*†§Armstrong Machinery Co. (Ice & Refrigerating Machy., etc.)
*†§Barnard Mfg. Co. (Flour Mill Machinery, etc.)
*Hallidie Co. (Mining Machy., etc.)
*†§National Iron Works (Mining Machinery, Castings, etc.)
*§New York Brass & Iron Works
*†§North Star Foundry Co.
*†§Northwest Harvester Co. (Iron Castings, Harvesters, etc.)
*†Pacific Iron Works (Machinists)
*†§Spokane Foundry Co.
†§Spokane Ornamental Iron & Wire Works
*†§Union Iron Works (Mining Machinery, Engines, Castings, etc.)
†§Washington Ornamental Iron Wks.
†§*Washington Water Power Co.
SUNNYSIDE—*Miller & Morrow
TACOMA—†§Atlas Foundry & Machine Co.
*Auto-Marine Engine Works
*Auto-Marine Machine Wks. (Jobbing)
*†Carman Mfg. Co.
*Coast Iron & Machine Works (General Machine Work)
*§Enterprise Brass Foundry Co.
*†§Globe Iron Wks.
*†§Griffin Wheel Co. (Car Wheels. (See Chicago, Ill.)
*Hallin Gas Engine & Boat Co. (Gas Engines)
*Hoskins L. G. (Machine Work)
*Lock Rail Iron Bedstead Co. (Iron Bedsteads)
*†§Puget Sound Iron & Steel Works (Gasoline Engines, Log Hauls, etc.)
§T. & B. Brass Fdry. Co.
†Tacoma Foundry & Machine Co.
§Tacoma Ry. & Power Co.
*†§Tacoma Smelting Co. (Smelters etc,.)
*Walstad Machine & Electric Co. (General Machine Work)
*†Washington Pipe & Foundry Co. (Cast Iron Pipe, Hydrants, Valves, etc.)
VANCOUVER—§Rand Iron Works
†Sutton Leadthe Co.
WALLA WALLA—*§Brown-Lewis Corp.
*†§Walla Walla Iron Works
*Washington Weeder Works (Disc Cultivators).

WEST VIRGINIA.

BLUEFIELD—*†§Superior Supply Co.
CAMERON—*Cameron Tool Co.
*§Eljer Co.
CHARLESTON—*†§Kanawha Mine Car Co. (Coke Oven Castings, Mine Cars, Wheels & Axles, etc.)
*Kelly Axe Mfg. Co. (Axes, etc.)
*Ohio Tool Co. (Tools, Planes, etc.)
*†§South Side Foundry & Machine Works (Iron Castings & Mine Fans, etc.)
†Ward Chas. Engineering Works (Marine Boilers, etc.)
CHARLESTOWN—*†Weller Bro.
CLARKSBURG—*§Hart Bros. Machine Co. (Engines & Saw Mills)
*Osborn W. B. Machinery Co.
*†Osborn's J. F. Sons (Iron Fdrs. & Engines & Saw Mills)
ELKINS—*†§Elkins Foundry & Machine Co.
*†§Humphrey Mfg. Co.
ELM GROVE—†*Wheeling Sanitary Mfg. Co.
FAIRMONT—*Aultman T. G. Steam Pump Works (Steam Pumps, etc.)
*†§Donnally A. H.
*†§Fairmont Mining Machinery Co. (Mining Machy. & Soft Castings)
†§*Fairmont Mold & Foundry Co.
*†§Helmick Foundry & Machine Co. (Coal & Coke Oven Equipments, etc.)
GRAFTON—†§*Hefner & Maysilles
*Moran Patrick
*†§Newlon Foundry & Machine Co.
HINTON—†§*Hinton Foundry, Machine & Plumbing Co.
HUNTINGTON—*†American Car & Fdry. Co. (See St. Louis, Mo.)
†§Huntington Stove & Foundry Co. (Stoves)
†West Va. Foundry & Stove Co. (Stoves etc.)
KENOVA—§*Sanitary Mfg. Co.
KEYSTONE — †§*Pocahontas Foundry & Machine Co.
LOGAN—*Guyan Machine Shops (Engines, Boilers, etc)
MABSCOT—*†§Carper Foundry & Machine Co.
MANNINGTON—*Phillips Chas. Tool Co.
MARTINSBURG—*†Matthews T. E. & Bro.
MORGANTOWN — *†Chrisman Foundry Co.
*†§Romisch Mfg. Co.
NEW CUMBERLAN—†§*Toronto Fdy. & Machine Co.
PARKERSBURG—*Acme Fishing Tool Co. (Oil Well Supplies)
*Baldwin Tool Works
*Crotty J. J. & Co.
*Kelly Michael (Est. of) (Iron Fdry.)
*Kesselman & Co. (Machinists & Oil Well Tools, etc.)
*National Sucker Rod Co. (Sucker Rods, etc.)
*Parkersburg Iron & Steel Co. (Machine Shop for Own Use)
*†§Parkersburg Machine Co.
*†Valley Machine Co. (Special Machinery, Brass & Iron Fdrs., etc.)
PIEDMONT—*†§Piedmont Fdry. & Mach. Co. (Iron Fdrs. & Machinists)
POINT PLEASANT — *†§Point Pleasant Machine Works
†West Virginia Malleable Iron Co. (Malleable Iron Castings)
RANSOM — §*Pawhattan Brass & Iron Works
RONCEVERTE—*†§Eagle J. W. P.
SISTERVILLE—†Davin J. J.
*McJunkin Machine Co.
*Maiwurm Aluminum Co.
*Sexton Machine Co.
WELLSBURG—*Teeple W. S.
WESTON—*†§Danser Mfg. & Supply Co.
WHEELING—*†Centre Foundry & Machine Co. (Iron Fdrs., etc.)
*Hazel Atlas Glass Co.
*†Manike R. P.
*†National Tube Co. (Riverside Iron Works)
*†Portsmouth Steel Co. (Grey Iron & Steel Castings). Works: Portsmouth, O.
*Riverside Bridge Co.
*Sands H. S. Electrical & Mfg. Co.
§*Saturn Foundry & Machine Co.
†Valley Star Stove Co. (Stoves, etc.)
*Warwood Tool Co. (Tools, etc.), Warwood.
§Waterhouse H.
*Weisgerber & Ebeling Machine Co.
§Wheeling Bronze Casting Co.
*†§Wheeling Mold & Fdry. Co. (Glass House & Rolling Mill Mach. & Castings)
*†Wheeling Sanitary Mfg. Co. (Enameled Iron Ware, etc.)
Wheeling Steel Casting Co.
*†Wheeling Steel & Iron Co. (Grey Iron Castings, etc., for Own Use Only)
*Wheeling Stove & Range Co. (Stoves, Ranges, etc.)
*†Whitaker-Glessner Co.

WISCONSIN.

ADELL—†Hellminger Bros.
ALGOMA—*§Plumbers' Woodwork Co.
*†§Wodsedalak Jos. (Gasoline Engines)
ANTIGO—*†§Mayer Bros. (Hoists, Gasoline Engines, etc.)
APPLETON — *†§Appleton Machine Co. (Paper & Pulp Mill Machinery)
*Badger Furnace Co.
*†Eagle Mfg. Co. (Portable Gas Engines, etc.)
§Fox River Screen Plate Co.
*Killen-Strait Mfg. Co.
*†§Valley Iron Works Co. (Iron & Bronze Castings & Wood Pulp Machinery)
ASHLAND—*†§Bretting C. G. Mfg. Co.
†§Sanders Robert E. (Boilers etc.)
BARABOO—*Gollmar E. T.
BEAVER DAM—*Harder H. J. (Gas Engines)
†§*Klipper Mfg. Co.
*†§Malleable Iron Range Co. (Malleable Iron Ranges)
*Tiger Drill Mfg. Co.
Western Malleable Co.
BELOIT——§*Beloit Brass Works
†§Beloit Foundry Co. (Grey Iron Castings)
*†§Beloit Iron Works (Paper Mill Machinery)
*Dowd R. J. Knife Works (Machine Knives, etc.)
*†§Fairbanks, Morse & Co. (Gas Engines, etc.)
*Gardner Machine Co. (Disc Grinders, etc.), S. Beloit, Div.
*†Gaston's N. B. Sons Co. (Scales, etc.), 715 Race
§Hammill A.
*§Lipman Mfg. Co. (Centrifugal & Rotary Pumps)
*Mattison C. Machine Works (Woodworking Machinery)
†Mork P. F. (Grey Iron Castings)
*Slater-Marsden-Whitemore Co. (Punching & Shearing Machinery)
*†§Thompson J. Plow Works Co. (Agrl. Implts., Engines, etc.)
*Wisconsin Farm Implement Co. (Feed Mills)
*†Yates P. B. Machine Co. (Wood Working, Machinery, etc.)
BERLIN—*†§Johnson-Fortnum Machine Works
*†Schaefer Mfg. Co. (Gas & Gasoline Engines, etc.)
BLACK EARTH—*Fesenfeld & Barber
BLOOMER—*Bloomer Machine Works
BOSCOBEL—*†Ruka Bros. Mfg. Co. (Ltd.)
BRANDON—*Sherwin E. C. & Son (Road Scrapers, etc.)
BRILLION—*†Brillion Iron Works
BROOKLYN—*Farmers' Mutual Benefit & Trading Co.
BURLINGTON—*§Burlington Brass Wks. (General Brass Fdrs. & Finishers)
*Lawton & Bushman (Tools, etc.)
*†Wagner Bros.
CEDAR GROVE—*†§Wisconsin Foundry & Steel Works (Steel Ranges, Brass & Grey Iron Castings, Gasoline Engines, Steel Ranges, etc.)
CHIPPEWA FALLS—*Brown Henry
*†Chippewa Fdry. & Machine Co.
COLBY—*Loos E. D.
COLUMBUS—*Roberts G. D. & Co.
CUDAHY—*†§Worthington Pump & Machinery Corp. (Power & Mining Machinery Works)
DE PERE—*Lauson-Lawton Co. (Gas & Gasoline Engines, etc.)
*†Lawton Chas. A. Co.
†Western Steel & Iron Works
DORCHESTER—*Fleckenstein V.
EAU CLAIRE—*Drake P. A.
*†Eau Claire Mfg. Co.
*†International Harvester Co. (See Chicago, Ill.)
See adv index at end of book
*†McDonough Mfg. Co. (Saw Mill Machinery, etc.)
*†§Northwestern Steel & Iron Works (Concrete Bldg. Block, Machinery, etc.)
*†§Phoenix Mfg. Co. (Saw Mill Machinery, Steam Engines, etc.)
*White A. E. Machine Works (Special Machinery)
EDGERTON—Burgy F. F. (Gasoline Engines, etc.)
*Carrier F. P. (Gasoline Engines)
ELKHORN—*Zwiebel & Griebel (Machinists)
ELLSWORTH—*†Rounce J. S.
EVANSVILLE—*†§Baker Mfg. Co. (Wind Mills & Engines)
FOND DU LAC—*Abel T.
*†Giddings & Lewis Mfg. Co. (Iron Fdrs. & Saw Mill Machinery)
*Glasow Fred (Plows)
*Quentin Peter N. (Gas Engines)
FORT ATKINSON—*†§Creamery Package Mfg. Co. (See Chicago, Ill.)
*Pounder Geo. H. (Harrows, etc.)
FOUNTAIN CITY—*Dressendorfer Andrew
FREDONIA—†*Gilson Bros. Co.
GLEN BEULAH—*Diehl Novelty Co. (Hdw. Novelties)
GLENWOOD CITY—*Krueger E. F.

WISCONSIN—continued
GRAFTON—†§Grafton Foundry Co. (Castings, Stools & Settees)
†Jungers Stove & Range Co.
GRAND RAPIDS — *American Carbonic Machinery Co. (Refrigerating Machines)
*†§Grand Rapids Fdry. Co.
GREEN BAY—*Green Bay Barker Co. (Wood Barking Machinery)
*†§Green Bay Foundry & Machine Co.
*Green Bay Machine Co.
*Hartman-Greiling Co.
†§Helgerson Bros. Iron Works
*Hess W. J.
*Hudson-Sharp Machine Co.
*Nelson Indra Machinery Co.
†§Rothe Jos. F. Foundry Co. (Castings)
*Straubel Mach. Co. (Gasoline Engines)
HARTFORD—*Kissel Motor Car Co.
HORICON—*†Van Brunt Mfg. Co. (Agrl. Implements, etc.)
HURLEY—†§*Twin City Iron Works
JANESVILLE—*Ambrose F. O. (Jobbing)
*†Badger State Machine Co. (Punching & Shearing Machinery)
*Bicknell Mfg. & Supply Co. (Power Machinery, etc.)
*†§Janesville Machine Co. (Agrl. Implements, etc.)
*Larsen Holger E. (Jobbing)
*†§New Doty Mfg. Co. (Punching & Shearing Machinery)
*Rock River Machine Co. (Punching & Shearing Machinery)
*Spicer Wm. E. & Co. (Jobbing)
*Strickler Hay Tool Co. (Hay Tools, Hdw., etc.)
JEFFERSON—*Waverly Mfg. Co. (Motorcycles)
JUNEAU—*Brensike John & Son
*†§Brieman Chas. G.
KAUKAUNA—*Hoehne Machine Works
*†§Kaukauna Ferdinand (Paper & Pulp Mill Machinery)
†§*Kaukauna Machine Works
KENOSHA—§*American Brass Co.
†§Arneson Foundry Co. (Grey Iron Castings, etc.)
*Arnold & Murdock
*§Badger Brass Mfg. Co. (Auto Lamps, Acetylene Gas Generators, etc.)
*§Frost Mfg. Co. (Plumbers' Brass Goods, etc.)
*Lippert & Rhenstrom (Presses, Dies, Machy., etc.)
*†§Nash Motors Co. The (Automobiles for own use)
*†§Simmons Co. (Metallic Bedsteads, etc., for own use)
§*Specialty Brass Co.
*Wells Frank L. Co. (Spring Bed Machinery, etc.)
KEWASKUM—*†Remmel Nicholas (Machinist)
KEWAUNEE—*†Hamachek Frank (Agrl. Implements, Canning Machinery, etc.)
KIEL—*Kiel Machine Co.
KILBOURN—†*Marshall Mfg. Co.
KOHLER—†Kohler Co.
LA CROSSE—*Benton Electric Co. (Dynamos, Engines, etc.)
*Franklin Iron Works
*†§James Alfred
*†§La Crosse Plow Co. (Plows, etc.)
La Cross Tractor Co. (Gasoline Engines)
§Lunde & Childs
*McKenzie Bros. Mfg. Co. (Potato Machy., etc.)
§*National Gauge & Equipment Co.
See adv index at end of book
*Ott Benj. & Sons Co. (Bark Shaving Mills)
*Pederson C. & Son
*†Smith Mfg. Co. (Wagons, Grey Iron Castings, Stump Pullers, etc.)
*Stamping & Tool Co. (Steel Novelties, Dies, etc.)
*Starch Bros. Co. (Cream Separators, etc.)
†Summit Stove Co.
*†Torrance Jno. & Son (Machinists & Builders & Machinery Castings, etc.)
LAKE GENEVA—*§Gill W. E.
LAKE MILLS—*†§Creamery Package Mfg. Co.
LANCASTER—*Hyde E. H. (Machinist)
MADISON—Berkeley Fourness Co. (Die Castings)
*§Fuller & Johnson Mfg. Co.
*†§Gisholt Machine Co. (Machine Tools, Vertical & Horizontal Boring Mills, Turret Lathes, Tool Grinders, Brass & Iron Fdrs.)
*†Kupfer Theodore (Power Shears, etc.)
§Madison Brass Works
*Madison-Kipp Lubricator Co. (Lubricators)
*†§Madison Plow Co. (Agrl. Implts.)
*Peper John W.
†Southern Wisconsin Foundry Co.
*Steinle Turret Machine Co. (Turret Lathes)
*†§Wisconsin Foundry & Machine Co. (Printing Presses, etc.)
MANITOWOC—§Aluminum Castings Co. (Aluminum Castings). (Office: Cleveland, O.)
*§Aluminum Goods Mfg. Co. (Aluminum Castings & Specialties)
Aluminum Specialty Co. (Machine Shop, Aluminum Novelties)
*Dedrick N. (Special Machy., etc.)
*Gaterman Mfg. Co. (Agricultural Implements, etc.)
†§Gumm Aluminum Casting Co.
*†Manitowoc Foundry & Machine Co. (Grey Iron Castings, etc.)
*Manitowoc Shipbuilding Co. (Steel Ships, Engines, etc.)
*†§Richards Iron Works (Engines, Grey Iron Castings, etc.)
*†§Smalley Mfg. Co. (Agrl. Implts., Plows)
†§Western Iron Works
†Wisconsin Aluminum Foundry Co.
MARINETTE—*†§Marinette Iron Works
*Sandlund Peter
MARSHFIELD—*§Lang & Scharmann
MARYTOWN—*Langenfeld Jno
MAUSTON—*Strong H. C.
MENASHA—*†§Sailor Whitmore Machine Co.
MENOMINEE—†§*Aetna Engine Works
MENOMINEE FALLS—*Menominee Falls Mfg. Co.
MENOMONIE—Laursen Automatic Pump Co.
MERRILL—*†§Merrill Iron Works
MILWAUKEE—*Ajax Foundry Co.
*†§ALLIS-CHALMERS MFG. CO. (Mining Machinery, Steam Turbines' Engines, Pumps, etc.)
See adv index at end of book
*§American Brass Foundry Co.
*American Metal Products Co.
*Artos Engineering Co. (Tex. Machy.), 348 Milwaukee
*Atlas Metal Parts Co., 998 15th
*Badger Meter Mfg. Co. (Water Meters), 261 3d
*Barth Mfg. Co. (Jacks, etc.)
*†Bay View Steel Casting Co. (Steel Castings, etc.), 132 S Bay
*†Bayley Mfg. Co. (Steam Engines, Fans & Blowers, etc.), 732 Greenbush
*Beaver Mfg. Co. (Gasoline Engines), 1st & Oklahoma av
*Brand Stove Co.
*Busch J. C. Co. (Compressors, Sprue Cutters, Cranes & Hoists), 140 Ferry
†Central Foundry Co.
*†Chain Belt Co (Grey & Malleable Iron & Steel Castings, Conveyors, Chain Link, etc.)
*Christensen Engineering Co. (Gasoline Engines)
§Claus Automatic Gas Cock Co.
*Colnik C. Mfg. Co. (Grey Iron Castings, Plain & Ornamental, etc.), 750 Greenbush
†Cream City Foundry Co., 15th & Oklahoma av
†Crucible Steel-Casting Co. (Crucible Steel Castings), 612 Clinton
*§Davis Mfg. Co. (Gasoline Engines, etc.)
*Doelger & Kirsten (Power Shears, etc.), 507 Cedar
*Downey Heating & Supply Co. (Jobbing & Repairs, etc.), 615 Clybourn
*Durant Mfg. Co. ("Productimeter" Speed Indicators, Counting Machines)
Electric Steel Casting Co.
*§Falk Co. (Steel Castings), ft 30th
†Federal Malleable Co. (Malleable Iron Fdrs., Chain Belts, etc.)
*Feilbach Motor Co. (Motorcycles), Weil & Burleigh
*†§Filer & Stowell Co. (Steam Engines, Pumps, Saw Mill Machinery, etc.)
§Fisher Brass Foundry Co.
*†Fraser Co. (Engines & Milling Machines), 667 E Water
*†Fuller-Warren Co. (Stoves, etc.)
§Galland-Henning Mfg. Co. (Malting Drums)
*Gas Power Engineering Co., 213 North av
!§Gemco Mfg. Co. (Auto Specialties Malleable Foundry)
*Gerlinger Steel Casting Co.
Greenslade John, 678 Jefferson
*Haase Motor Works (Gasoline Engines)
*Hackendahl & Schmidt Co. (Bldg. Iron Work, etc), 1513 St. Paul av
*Harley-Davidson Motor Co. (Motorcycles), 160 Clinton
*Harrow Spring Co.
*Heil Co. (Structural Iron Works, etc.)
*Heller S. (Electric Elevators & Hoisting Machinery), 250 Milwaukee
*Hennecke C. Co. (Builders' Iron Work, etc.), 1353 N Pierce
*Hide & Leather Working Mach Co., 4215 Meinecke av
*†Hirsch Bros. (Agrl. Implts.), 267 Reed
*†§Hoffmann B. Mfg. Co. (Iron & Brass Fdrs. & Steam Fitters & Plumbers' Supplies)
†§Hoffmann Billings Mfg. Co. (Plumbers' Supplies)
*Holt Electric Co. (Dynamos & Motors), 379 S Pierce
*Hoyer Engineering Co. (Gas & Gasoline Engines), 281 Grove
*†§Industrial Controller Co. (Electrical Specialties), 890 Greenbush
†§*International Harvester Corporation
*†§Jaeschke Bros. Foundry Co., 3026 Locust
§Johnson Service Co. (Gear Cutting, Punch Presses, Special Model Work & Brass Castings), 153 Michigan
§Kagel Bros., 1208 St. Paul av
*Kahn Mfg. Co. (Machinery, etc.), 598 Clinton
*Kieckhefer A. Elevator Co. (Electric Hand & Power Elevators)
*Koehring Machine Co. (Concrete Mixed)
*§Kruecke Bros. Mfg. Co. (Brass Fdrs.), 515 Park
*§Lamp & Miller Mfg. Co. (Brass Fdrs. & Finishers), 382 4th
*†§Lindemann A. J. & Hoverson Co.
*§Loeffelholz Co. (Railroad Car, Cabinet & Office Trimmings, etc.)
*Logemann Bros. Co. (Hydraulic Presses, etc.), 3130 Burleigh
*Luitink & Sons Mfg. Co. (Door Hangers, etc.), 775 18th
*Luther Grinder Mfg. Co. (Tool Grinders, Gasoline Engines, etc), 285 S Water
*Lutter & Gies (Machine Tools), 258 Lake
Magnus Co., Inc., 241 Greenfield
†Manufacturers Foundry Co., 15th & Oklahoma av
*Marsh Refrigerator Service Co., Port Washington rd
†Martin A. E. Foundry & Mach Co. (Grey Iron Castings), 705 Park
†Maynard Steel Foundry Co., 716 Reed
*Mechanical Appliance Co. (Dynamos, Motors & Generators)
*Meyer Geo. J. Mfg. Co., 598 Clinton
*Meyer Geo. J. Mfg. Co.
§Milwaukee Aluminum & Brass Foundry Co. (Aluminum & Brass Castings), 295 Reed
*Milwaukee Auto Engine & Supply Co., 708 Winnebago
*§Milwaukee Brass Mfg. Co. (Plumbers' Brass Goods), 251 Lapham
*Milwaukee Bridge Co. (Steel Structural Work, etc.), 1400 34th
§Milwaukee Bronze Casting Co.
*Milwaukee Die Casting Co.
*Milwaukee Dry Dock Co., ft. Mineral
*§Milwaukee Electric Railway & Light Co.
*Milwaukee Hay Tool Co.
Milwaukee Locomotive Mfg. Co. (Gasoline Locomotives), ft Belleview
*Milwaukee Machinery Co., 3015 Walnut

*†Milwaukee Malleable & Grey Iron Wks., Layton Park
*Milwaukee Metal Working Co., 383 Clinton
Milwaukee Shaper Co. (Friction Clutches), 1144 Holton
*†Milwaukee Steel Foundry Co. 101 S Water
*§Milwaukee Valve Co. (Valves & Steam Specialties, etc.), 139 Burrell
*Miotke Jos., 144 Clinton
*†Mueller L. J. Furnace Co. (Furnaces & Heating Apparatus, etc.), 197 Reed
*Munkwitz Edw. H. Co. (Tanners' Machy.), 159 Muskego av
§Murphy Specialty Co., 90 2d
*Nash J. M. (Chair, Wood Polishing & Woodworking Machinery), 842 30th
*National Blower Works (Blowers, Exhausters, Driers, etc.), 1610 St. Paul av
*National Brake & Electric Co. (Air Brakes, Compressors, etc.), ft. Belleview pl
*National Foundry Co.
*National Machine Co.
*National Specialty Mfg. Co. (Printing Machines), 373 B'way
*National Steel Foundries (Steel Castings), Belleview pl & Larkin
*Noll Bros. (Agricultural Hardware, etc.), 849 Allis
*†Nordberg Mfg. Co. (Engines, Pumping Machinery, etc.)
†North End Foundry Co., 60th av & Ry. Tracks
†§Northwestern Malleable Iron Co., 756 Park
*Northwestern Mfg. Co. (Dynamos & Motors), 482 Clinton
†Nortmann-Duffke Foundry Co., 27th av
*Obenberger Joseph & Son Co. (Dumping Buckets, etc.), 125 Barclay
*†Pawling & Harnishfeger (Electric Cranes & Hoists, etc.)
Pelton Steel Co.
*Phenix Mfg. Co. (Hardware Specialties)
§Polachek & Bros.
§Prime Steel Co. (Steel Castings), 670 Kinnickinnis av
*Prinz & Rau Mfg. Co. (Brewers & Malsters & Flour Mill Machy., etc.), 659 E Water
§Progressive Metal & Refining Co. (Babbitt Metal & Castings), 432 Barclay
*Richards Machine Co. (Machine Tools), 3417 Vliet
Richardson-Phenix Co. (Lubricators, Oil Pumps, etc.)
Rosenberg F. Elevator Co. (Elevators, etc), 174 Reed
†*Rosenthal Coin Husker Co.
*†§Rundle Mfg. Co. (Enameled Iron Ware & Brass Goods), 27th & Wohl
§Rundle-Spence Mfg. Co. (Plumbers' Brass Goods, etc.)
*Schneck Machine Co., 811 St. Paul av
*Schwab Ph. Co., 16th & Canal
*†Schwab R. J. & Sons Co. (Iron Fdrs. & Machinists & Hot Air Furnaces)
†Sheriffs Mfg. Co.
†Sivyer Steel Casting Co.
*Skobis Co. (Builders' Iron Work), 951 30th
*Smith A. O. Co. (Automobile Gears, Steel Frames)
†Smith Geo. H. Steel Casting Co. (Steel & Manganese Steel Castings & Machine Works)
*Smith T. L. Co. (Machinists & Founders), 1151 32d
†South Side Malleable Casting Co. (Malleable Iron Founders), 14th av & Ry. Tracks
*†Speich Stove Repair Co., 130 W Water
*§Standard Brass & Iron Works (Brass Founders & Finishers), 1820 St. Paul av
†Standard Crucible Steel Casting Co., 719 30th
*Standard Separator Co. (Cream Separators), 45th & Burnham
*Steam Appliance Co. (Steam Appliances)
*Stehling Chas. H. Co. (Tanners' Machinery)
*†Stowell Mfg. & Foundry Co. (Hardware)
*Stroh Die Moulded Casting Co.
*†Toepfer W. & Sons Co. (Brewers' Machinery), 80 Menomonee
*Treichel & Hyink, 727 N Water
*Universal Machinery Co. (Machy.), 784 30th
*†§VILTER MFG. CO. (Corliss Engines, Ice Machines, Brewery & Bottling Machinery, etc.), 1046 Clinton
See adv index at end of book
*Wagner A. F., Architectural Iron Works, 763 N Water
†Wehr Steel Co., 45th & Gordon
*West Allis Iron Works
*Western Fixture Co. (Display Fixtures, etc), 1402 Weil
§Windsor Mfg. Co., 570 Clinton
†Wiconsin Malleable Iron Co. (Malleable Iron Castings), South Bay
MONROE—*†Lanz A & Sons (Machinists)
NEENAH—†Aylward Sons Co. (Grey Iron Castings, etc.)
†Bergstrom Stove Co. (Stoves)
*Johnson & Wells Machine Co.
*§Neenah Brass Works
NESHKORO—†Dombrowski F. A.
NEW HOLSTEIN—*Lauson John Mfg. Co. (Gas & Gasoline Engines, etc.)
NEW LONDON—*Thomas & Brown
NORTH KAUKAUNA — §*Hoehner F. F. Foundry
NORTH MILWAUKEE—*Crown Commercial Car Co. (Motor Trucks)
*†Wagner E. R. Mfg. Co. (Baby Carriages, etc.)
*Wisconsin Bridge & Iron Co.
OSHKOSH—†§Barnes J. A. Machine Co.
*†Challoner Co. (Saw Mill Machy.)
*Dauber-Bell Machine Co.
*Dauber-Kratsch Co.
*†§Davis-Hansen Co. (Pumps, etc.)
*†Doman H. C. Co. (Boats & Gasoline Engines)
*†Hayes E. B. Machinery Corp. (Woodworking Machinery)
*Pine-Ihrig Machine Co. (Bed Spring Machinery, etc.)
*Ransom Mfg. Co. (Tool Grinders, etc.)
*†§Termaat & Monahan Mfg. Co. (Gasoline Engines, etc)
†Universal Foundry Co.
*†Wilkin-Challoner Co. (Saw Mill Machinery)
PLATTEVILLE—*Dana Co.
*§Galena Iron Works Corp. (See Galena, Ill.
PLYMOUTH—*†Plymouth Foundry & Machine Co.
*Wolf Henry F
PORTAGE—*†§Baird & Slinger
PORT WASHINGTON—*†§Gilson Mfg. Co.
†Martin Foundry Co. (Gasoline Engines, etc.)
*†§Turner Mfg. Co. (Gas & Gasoline Engines, Grey Iron Castings, etc.)
PRAIRIE DU CHIEN—*Beuthin Chas. F. W.
PRINCETON—*Mueller Erich
RACINE—*Adams E. B. & Son (Hardware, Carriage Springs, etc.)
*American Mangle & Roller Co. (Laundry Machinery)
*†American Seating Co.
*†American Skein & Foundry Co. (Jack Screws, etc.)
*Arnold Electric Co. (Vibrators, etc)
†Badger Foundry Co.
*Beffel Frank Mfg. Co. (Models & Experimental Work, Tools, Dies, etc.)
†§Belle City Malleable Iron Co.
*†Belle City Mfg Co. (Agrl. Implts., Iron Castings, etc.)
*†§Case J. I. Plow Works (Plows & Agrl. Implts. for Company's use only)
†§*Case Threshing Machine Co.
§Christensen Machine Co.
*Didier Wm. Mfg. Co. (Jobbing Machinists)
*Driver C. H. & Kerr Co. (Sand Papering Machines)
*†Foster & Williams Mfg. Co. (Agrl. Implts, etc.)
*†§Freeman Mfg. Co. (Agrl. Implts, Windmills, etc.), Dept. O.
*Gorton Geo. Machine Co. (Engraving Machines, etc.)
*Greene F. J. Engineering Works (Special Machinery, etc)
*Harvey Spring & Forging Co. (Bolster Springs, etc.)
*Higgins Spring & Axle Co. (Springs & Axles, etc.)
*†§Holbrook-Armstrong Iron Co. (Aluminum, Brass & Grey Iron Castings)
*L. P. C. Motor Co. (Autos.)
†Lakeside Malleable Castings Co.
*Lang R. B. Mfg. Co.
*Mitchell Motors Co. Inc. (Automobiles)
Overland Shoe Co.
*Piggins Motor Truck Co.
*Progressive Foundry & Mfg. Co.
§Racine Aluminum & Brass Foundry Co.
†§Racine Brass & Iron Co.
*Racine Confectioners' Machinery Co.
*Racine Electric Co.
†Racine Foundry Co.
*†Racine Malleable & Wrought Iron Co. (Hdw. Specialties, Copying Presses, etc.)
*Racine Metal Stamping Co. (Spring Hinges, etc.)
†Racine Steel Castings Co. (Steel Castings, etc.)
*Racine Tool & Machine Co. (Metal Cutting Machines)
See adv index at end of book
*Sieverkropp Engine Co. (Gaso. Engines)
†Standard Foundry Co. (Castings)
*Tecktonius E. C. Mfg. Co. (Hoop. Lugs, Bolster Springs, etc.)
*Wabers Mfg. Co. (Corn & Potato Planter, etc.)
*Wallis Tractor Co. (Gasoline Tractors)
*Webster Electric Co. (Magnetos, etc.)
*Wisconsin Cylinder Fdry. Co. (Cast Iron Cylinders, etc.)
*Wisconsin Electric Co. (Vacuum Cleaner Motors), 1600 Junction av
See adv index at end of book
*Wisconsin Metal Products Co. (Dies, Tools, etc.)
*†Wood Lyman Mfg. Co. (Stove Repairs, Saddlery, Hdw., etc.)
RANDOLPH—*Nutting C. A.
*Smith Geo. B.
RHINELANDER—*†Rhinelander Iron Co.
RICE LAKE—*Rice Lake Iron Works
SCHLEISINGERVILLE—*†Rosche John
SEYMOUR—Lotter Bros Mfg. Co.
SHAWANO—*Schweers Hardware Co.
SHEBOYGAN—†*Armbruster Otto
*Garton Toy Co. (Iron Toys, etc)
*†Globe Fdry. & Machine Co. (Feed Cutters, Feed Mills, Saw Machines, etc.)
*†§Jenkins Machine Co. (Chair & Woodworking Machinery, etc.)
†Keischamp Bros.
†Kohler Co. (Cast Iron Enamel, Sanitary Ware)
*Myers Machine Co. (Woodworking Machinery)
*Optenberg Iron Works (Radial Drills, etc.)
*Porcelain Enameling Assn. of America (Cast Iron Enameled Hollow Ware)
*†Vollrath Co. (Enameled Cast Iron Hollow Ware)
SHELL LAKE—*Raney F. J.
SILVERLAKE—†Graf Stove & Range Co.
SOUTH BELOIT—†Beloit Fdy. Co.
SOUTH MILWAUKEE—*†§Badger Malleable & Mfg. Co. (Malleable Iron Founders)
*†Bucyrus Co. (Steam Shovels, Dredges, etc.)
*†§Stowell Co. The (Grey Iron Castings, Door Hangers & Hardware Specialties, etc.)
SPARTA—*†Sparta Iron Works Co. (Well Drilling Machinery, etc.)
STEVENS POINT—†*Comee Metallic Packing Co.
†Cook R. A.
*Koshollek Paul F. (Gasoline Engines)
*Sustins F. A.
STOUGHTON—†Mandt Wagon Co.
*†Stoughton Wagon Co. (Plows, etc.)
STURGEON BAY—*Hunsader John Machine Co.
*†§Ives Wallace A.
SUPERIOR—*†§Duplex Mfg. Co. (Windmills, Engines, etc.)
*†§Evered Foundry & Machine Wks.

WISCONSIN—Superior—continued
*Northwestern Boiler Works.
*†§Superior Iron Works Co. (Engines & Dredging Machinery, Iron & Brass Castings, Swinging Engines, etc.)
*Superior Ship Building Co. (Ships, Marine Engines, etc.)
†Thomas & Almquist
TOMAHAWK—*†§Tomahawk Steel & Iron Works (Boilers, Tanks, Grey Iron, Brass & Semi-Steel Castings, etc.)
TWO RIVERS—†Becker Mfg. Co.
*Kahlenberg Bros. & Co. (Gasoline Marine Engines)
*Standard Aluminum Co.
VEEDUM—†§*Reick Karl
WASHBURN—*Steinert R & Co.
WATERTOWN—*Biefeld O. & Co.
§Brandt-Dent Co. (Gas Fixtures, etc.)
*†Dornfeld-Kunert Co.
*Watertown Machine Co.
WAUKESHA—*†Blair & Son
*Ladewig & Stock Co.
*†Rowell I. B. Co (Agricultural Implements)
*Spring City Fdry. Co. (Grey Iron Castings)
§Waukesha Foundry Co.
†Waukesha Malleable Iron Co.
*Waukesha Motor Co. (Auto Motors)
Werra Aluminum Foundry Co.
WAUPACA—*Hansen A. M.
†Rosche & Suhs
WAUPUN—†§Althouse-Wheeler Co. (Windmills & Pumps, etc.)
WAUSAU—*Hernke Bernard (Jobbing)
*Karas, Sigmund (Jobbing)
*†§Murray D. J. Mfg. Co. (Saw Mill Machinery)
*Northern Machine Works (Jobbing)
*†Wausau Foundry & Machine Co.
*Wausau Iron Works
WEST ALLIS—*†§Allis-Chalmers Mfg. Co. (Corliss Engines, Mining Machinery, etc.)
*†Federal Malleable Co. (Malleable Iron Founders, Chain Belts, etc.)
†Gerlinger Steel Castings Co. (Steel Castings, etc.)
*Kearney & Trecker Co. (Machine Tools)
*Kempsmith Mfg. Co. (Machine Tools)
*Leroi Motor Co. (Machine Tools)
*North End Foundry Co.
†Sterling Wheelbarrow Co.
Wehr Steel Co.
†West Allis Iron Works (Grey Iron & Semi-Steel Castings)
WEST BEND—*†§Gehl Bros. Mfg. Co. (Agrl. Implts., Grey Iron Castings, etc.)
*West Bend Aluminum Co.
WEYAUWEGA—*Haire James A.
WHITEWATER—*Dunham & Fiske, (Agrl. Implts., etc.)

9503-4—Machinists' Tools & Supplies (Dealers)

See also Mill & Factory Supplies

For Manufacturers of Machinists' Tools & Supplies, see the Specific Article Required

ALABAMA.

BIRMINGHAM—Moore-Handley Hardware Co.
MONTGOMERY—Barnett G. W., Hardware Co.

CALIFORNIA.

LOS ANGELES—McFie W. T. Supply Co.
Wigmore Jno. & Sons Co., 401 E 4th
Berger & Carter Co. (Owners of Pacific Tool & Supply Co.), 17th & Mississippi
SAN FRANCISCO—Compressed Air & General Machinery Co., 39 Stevenson
General Machinery Supply Co., 39 Stevenson
Harron Richard & McCone, 139 Townsend
Hicks Jas. L., 967 Howard
Marwedl, C. W., 76 1st
Pacific Tool & Supply Co. (Owned by Berger & Carter Co.), Fremont & Mission
Taber-Bigelow Co., 504 Mission

COLORADO.

DENVER—Hendrie & Bolthoff Mfg. & Supply Co.
Scott Supply & Machinery Co.

DELAWARE.

WILMINGTON—Delaware Electric & Supply Co., 213 Shipley
Hudson Supply Co., Front & Market
Wilson Hardware Co., 3rd & Shipley

DISTRICT OF COLUMBIA.

WASHINGTON—Lambie Jas. B. Co., 1415 N. Y. av, N W

GEORGIA.

ATLANTA—Armstrong R. S. & Bro.
Atlanta Mfg. & Supply Co.
Cotton States Belting & Supply Co.
AUGUSTA—Lombard Iron Works & Supply Co.
ROME—Battey Machinery Co.

ILLINOIS.

BLOOMINGTON—Holder Hardware Co.
Keiser-Van Leer Co.
Read G. H. & Bro.
CAIRO—Reed Hardware & Mfg. Co.
CHICAGO—Besly Chas. H. & Co., 120 N Clinton
Blancke A. C. & Co., 16 S Michigan av
Carpenter Geo. B. & Co., 440 Wells
Crerar, Adams & Co., 259 E Erie
Essley E. L. Machinery Co., 555 Washington blvd
Harris Samuel & Co., 114 N Clinton
Henion & Hubbell, 219 N Jefferson
Hill, Clarke & Co., 625 W Washington
Hodge & Homer Co., 549 W Madison
Hunt E. Hamilton, 136 W Lake
Machinists' Supply Co., 17 N Jefferson
Manning, Maxwell & Moore, 111 N Canal
Marshall & Huschart Machinery Co., 17 S Jefferson
Patterson & Schroeder Supply Co., 560 W Van Buren
Scully Steel & Iron Co., 2364 S Ashland av
Seehausen Wehrs & Co., 173 N Franklin
Wallace Wm. & Sons, 513 Wells
DECATUR—Morehouse & Wells Co.
JOLIET—Barrett Hardware Co.
MOLINE—Dunn Thos. & Sons
SPRINGFIELD—Miller W. B. & Son
STREATOR—Williams Hardware Co.

INDIANA.

BEDFORD—Meyer W.F. Diamond Saw Co.
ELKHART—Borneman & Sons
EVANSVILLE—Boetticher & Kellogg Co.
Bush E. M. Hardware Co.
Clifford Hardware Co.
Evansville Supply Co.
Orr Iron Co.
FORT WAYNE—Mossman, Yarnelle & Co.
National Mill Supply Co.
Pfeiffer Henry & Son Co.
GOSHEN—Hawks Hardware Co.
INDIANAPOLIS—Holliday W. J. & Co.
Van Camp Hdw. & Iron Co.
Vonnegut Hardware Co.
KOKOMO—Kokomo Hardware Co.
MARION—Marion Machine Fdry. & Supply Co.
RICHMOND—Jones Hardware Co.

IOWA.

CEDAR RAPIDS—Fawcett C. E.
Martinek J. M. Hardware Co.
DAVENPORT—Sieg Co.
DES MOINES—Brown-Camp Hardware Co.
SIOUX CITY—McGraw Co.
WATERLOO—Cutler Hardware Co.

KANSAS.

TOPEKA—Thompson W. A. L. Hardware Co.

KENTUCKY.

LOUISVILLE—Morton E. D. & Co.
OWENSBORO—Guenther Hardware Co.
Owensboro Hdwe. & Iron Co.

MAINE.

PORTLAND—Edwards & Walker Co. (Tools, etc)

MARYLAND.

BALTIMORE—Adt Jno. B. Co. 340 No. Holliday
Aumen Machinery Co., 109 E. Lombard
Benson L. A., 8 E Lombard
Carey Machinery & Supply Co., 119 E Lombard
Coggins & Owens, 19 S Charles
Crook-Horner Supply Co., 11 Balderson
Cuyler & Mohler, 611 William
Spedden Supply Co., Boston & Kenwood av
Stebbins Wallace & Sons, 100 S Charles
Wallace & Gale, 115 S Gay

MASSACHUSETTS.

BOSTON—Armstrong G. R. Mfrs. Supplies, Inc. (Small Tools), 252 Franklin
Brown Wales Co. (Supplies), 489 C
Farquhar Co., 36 Federal
Chase, Parker & Co., 81 Pearl
Cutter & Wood Supply Co., 68 Pearl
Dodge, Haley Co., 218 High
Eaton H. B. & Co., 144 Pearl
Farquhar Co., 36 Federal
Fitts Frank E. Mfg. & Supply Co., 88 Purchase
Fitz, Dana & Co., 110 North
Hill Clarke & Co., 156 Oliver
Manning, Maxwell & Moore, 141 Milk
Rawles James D., 74 Pearl
Wilkinson A. J. & Co., 184 Washington

MICHIGAN.

BAY CITY—Jennison Hdw Co., (& Jobbers)
DETROIT—Boyer-Campbell Co., Congress & Brush
Central Distributing Co., 316 Harper
Motch & Merryweather Machinery Co.
Rayl T. B. Co., 3 Grand River
Strelinger Chas. A. Co.
Wormer C. C. Co., Penobscot bldg.
JACKSON—Central Distributing Co.
Modern Machine Tool Co. (Also Iron Working Machinery & Cutting Off Machines)

MINNESOTA.

MINNEAPOLIS—Morison W. K. & Co., 15 S 7th
Northern Machinery Co., 503 S 6th

MISSOURI.

KANSAS CITY—Bonnivell, Calvin Iron Co.
Brunner H. J. Hardware & Machine Supply Co., 1306 Grand
Bunting Hardware Co.
Ellfeldt Hardware & Machinist Supply Co., 1219 McGee
English Tool & Supply Co.
Equipment Co.
Faeth Iron Co., 1125 N 8th
Great Western Mfg. Co.
Haysler Iron Co., 1126 Union av
Revere Rubber & Supply Co., 1520 Main
Richards & Conover Hardware Co., 5th, N W cor Wyandotte
Townley Metal & Hardware Co., 2d, S W cor Walnut
ST. JOSEPH—Bristol Co.
Blackman Machine Tool Co. (Mfrs'. Agts.), 1513 N B'way
Howe W. B. Supply Co.
ST. LOUIS—Cahill Swift Mfg. Co., 20 S 12th
Colcord Wright Machinery & Supply Co., 1229 N B'way
Crane Co. (Est. 1855)
Fairbanks, Morse & Co.
Geller-Ward & Hasner Hardware Co., 414 N 4th

Handlan-Buck Mfg. Co., 210-14 N 3d
Johnson Wm. C. & Sons, 513 N 2d
Kenney Joseph B. & Co. (General & to Order)
Manning, Maxwell & Moore, R'way Exchange
Nelson N. O. Mfg. Co., 10th & Chestnut
Rubelmann-Lucas Hardware Co., 1939 N B'way
Rumsey L. M. Co., 810 N 2d
St. Louis Machinists Supply Co., 920 N B'way
Shapleigh Hardware Co., 4th & Washington av
Simmons Hardware Co., 9th & Spruce
Skinner Bros. Mfg. Co., 10th & Tyler
Sligo Iron Store Co., 6th & O'Fallon

NEBRASKA.

OMAHA—McGraw Co. (Jobbers)
Morton Jas. & Son Co.
Paxton & Gallagher Co.

NEW JERSEY.

NEWARK — Atha Tool Co. (Mechanics), ft of Chapel
Macknet & Doremus, 796 Broad
ROE & CONOVER, 206 Frelinghuysen av. *See adv index at end of book*
PASSAIC—New Jersey Engineering & Supply Co.
PATERSON—Mills H. W. & Co.
Myers Geo. A. & Co.
Quinn Bros.

NEW YORK.

BUFFALO—Beals, McCarthy & Rogers, 44 Terrace
Buffalo Wholesale Hardware Co., 317 Wshington
Fairbanks Co., 108 Pearl
Frasse Peter A. & Co., 50 Exchange, *See adv index at end of book*
Manning, Maxwell & Moore, White bldg
Root, Neal & Co., 178 Main
Ruckel J. H. & Son, 81 Main
Walbridge & Co., 392 Main
Weed & Co., 416 Main
JAMESTOWN—Clark Hardware Co.

Borough of Brooklyn.

BROOKLYN — Presto Machine Works (Gauges, etc), 124 Pearl, Brooklyn, N. Y.
Purvis & Shelton, 241 Plymouth
Wilfert Jno. Co., 490 Bushwick av

Boroughs of Manhattan and Bronx.

NEW YORK—Beggs James & Co., 30 Warren *See adv index at end of book*
Behringer Edw. A., 88 W Broadway
Brewster Wm. & Co., 40 Church
Chatwin Alfred Supply Co., 401 Broome
Dixon Wm. (Fine Tools & Supplies of All Kinds), 39 John
Donegan & Swift, 6 Murray
Du Bois F. N. & Co., 247 9th av
FAIRBANKS CO., 416 Broome
For branch offices see Alphabetical Section
Flint & Chester, 237 Lafayette
Fox Bros. & Co., 126 Lafayette
FRASSE PETER A. & CO. (INC.), 417 Canal
See adv index at end of book
Hammacher, Schlemmer & Co., 133 4th av
Hussey, McCann & Co., 87 Warren
Leonard & McCoy, 161 Wash'n
Manning, Maxwell & Moore, 119 W 40th
Montgomery & Co., 105 Fulton
Patterson, Gottfried & Hunter, 149 Lafayette
Rogers H. A. Co., 87 Walker
See adv index at end of book
STRONG MACHINERY & SUPPLY Co, 21 Walker
See adv index at end of book

(End of New York City)

ROCHESTER—Haverstick & Co.
SYRACUSE—Syracuse Supply Co.
Wood C. H. Company
UTICA—Dent M. F. Co., 7 Blandina

NORTH CAROLINA.

CHARLOTTE—Charlotte Supply Co.
Textile Mill Supply Co.

OHIO.

CINCINNATI—Boebinger Hardware Co., 315 E Pearl
Kinsey E. A. Co. (Drills, Lathes, Shapers, etc), 331 W 4th
Motch & Merryweather Machy. Co., First Nat'l Bank bldg
Pickering Hardware Co., 5th C. Main
Queen City Supply Co., Pearl & Elm
CLEVELAND—Bingham W. Co., 1278 W 9th
Cleveland Tool & Supply Co., 1427 W 6th
Cleveland-Luetkemeyer Co., 725 Superior av, N W
Manning, Maxwell & Moore, 518 Leader-News
Motch & Merryweather Machinery Co., 711 Lakeside av, N W
Pattison W. M. Supply Co., 777 Rockwell av
Strong, Carlisle & Hammond Co., 336-344 Frankford av, N. W.
White Tool & Supply Co., 1313 W 6th
DAYTON—Larkin M. D. Supply Co.
Patterson Tool & Supply Co.
Weinman C. J. Co., 310 E 2d
HAMILTON—Hamilton Supply Co. (Fine Tools)
PORTSMOUTH—Hibbs Hardware Co.
SAINT MARYS—Jasperson Supply Co.
SPRINGFIELD—Springfield Hardware Co.

OREGON.

PORTLAND—Avery & Co., 48 3rd

PENNSYLVANIA.

CHESTER—Galey Hardware Co.
ERIE—Erie Mfg. & Supply Co.
PHILADELPHIA—Billany & Cochrane, 527 Commerce
Bond Chas. Co., 617 Arch
Bullock, Chas. K., 1361 Ridge av
Fraser E. L., 141 N 3d
Girard Machine & Tool Co., 491 N 3d
Haddock Chas., 343 N 3d
Hankey A. & Co., Bourse
Lovegrove & Co. (Machines & Tools), 1524 Chestnut
Maddock & Co., 40 N 6th
Manning, Maxwell & Moore, Lincoln bldg
Murta, Appleton & Co., 12th & Sansom
Powell, Clouds & Co., 602 Arch
Rainear C. J., & Co., 518 Arch
Sachs Wm. A., 1152 Germantown av
Sees & Faber Co., 2008 N Front
Seyfert's L. F. Sons, 437 N 3d
Shannon J. Jacob & Co., 1744 Market
Standard Supply & Equipment Co., N W cor Cherry & 15th
Toomey Frank, 127 N 3d
Walter's Wm. P. Sons, 1233 Market
Williamson & Cassedy, 526 Market
PITTSBURGH—Baird Machinery Co. (All Kinds of Iron & Wood Working Machine Tools, Hoists, Drills, etc) 123 Water
COLONIAL SUPPLY CO., 217 Water
See adv index at end of book
Frick & Lindsay Co., Robinson
Logan-Gregg Hardware Co., 121 9th
Machinists Supply Co., 324 3d av
Manning, Maxwell & Moore, Park bldg
Somers, Fitlar & Todd Co., 325 Water
Turnar Chas. A. (Fine Tools, etc), 3d av & Chancery
READING—Bright & Co. (Tools, etc.)
SCRANTON—Bittenbender Co.
Scranton Supply & Machy. Co.
WILKES-BARRE—Eastern Penna. Supply Co.
Lewis & Bennett Hardware Co.

RHODE ISLAND.

PROVIDENCE—American Supply Co., 135 Washington

SOUTH CAROLINA.

CHARLESTON—Bailey-Lebby Co.
GREENVILLE—Carolina Supply Co.

TENNESSEE.

CHATTANOOGA—James Supply Co.
Magill Hardware Co.
KNOXVILLE—McClung C. M. & Co.
Tennessee Mill & Mine Supply Co.
MEMPHIS—Pidgeon-Thomas Iron Co.
NASHVILLE—Dale John P. Machy. Co.
Gray & Dudley Hardware Co.
Hermitage Hardware Co.
Keith, Simmons & Co.

VIRGINIA.

NORFOLK—Empire Mach. & Supply Corp.
Porter & Moore Co.
Southern Supply Co.
Taylor-Parker Co.
Walke Henry Co.
RICHMOND—Baldwin & Brown, 1557 E Main
Frischkorn Hunter B., 801 E Cary
Lindsay J. L. (Inc.), 1321 E Main
McGraw Jas., 1442 E Main
Smith-Courtney Co., 809 E Cary
Southern Railway Supply Co., 1323 E Main

WEST VIRGINIA.

CHARLESTON—Capitol City Supply Co.

WISCONSIN.

MILWAUKEE—Badger-Packard Machinery Co., 76 W Water
Western Iron Stores Co., 145 W Water

9505— Mackintoshes

Anderson Raincoat Co., Trenton, N. J.
Chicago Rubber Clothing Co., Racine, Wis.
Franklin Rubber Co., 134 Federal, Boston, Mass.
Goodrich B. F. Co. (Rubber), Akron, O.
Hodgman Rubber Co., 8 W 40th, New York
National India Rubber Co., Bristol, R. I.
Pines Rubber Co., Bush Terminal, Brooklyn, N. Y.
Stoughton Rubber Co. ("Cravenette" Rain Coats), 130 Essex, Boston, Mass.

9506—Magazines (Storage, Side-Walk & Portable)

HERCULES POWDER CO., Wilmington, Del. *See adv index at end of book*
Littleford Bros., 444 E Pearl, Cincinnati, O.

9507— Magnalium

Crayen G. A. & Co. (Imported), 81 New, New York

9508— Magnesite

American Refractories Co. (Calcined, Dead Burned & Grain), 208 So La Salle, Chicago, Ill.
Austro-American Magnesite Co., 208 S La Salle, Chicago, Ill.
Federal Refractories Co. (Calcinated), Cleveland, O.
General Magnesite & Magnesia Co. (Calcined & Carbonated), 29th & Montgomery av, Phila., Pa.
Hammill & Gillespie (Crude, Imp.), 240 Front, New York
Harbison-Walker Refractories Co. (Crude, Calcined, Dead Burned), Farmers' Bank bldg, Pittsburgh, Pa.

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

INNIS, SPEIDEN & CO., Inc., (Calcined, Imported), 46 Cliff, New York
See adv index at end of book
Katzenbach & Bullock Co., 100 William, New York
Levensaler-Speir Corp., Monadnock bldg, San Francisco, Cal.
Porterville Magnesite Co., San Francisco, Cal.
Rex Plaster Co., Los Angeles, Cal.
Sonoma Magnesite Co., Humboldt Bank bldg, San Francisco, Cal.
Western Development Co., Pacific bldg, San Francisco, Cal.
Whittaker, Clark & Daniels, Inc. (Imp.), 250 Front, New York

9508a—Magnesium (Calcined)

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Fuller Ralph L. & Co., Inc., 2 Rector, New York. *See adv index at end of book*

9508b—Magnesium Carbonate

American Insulation Co., Roberts av & Stokley, Phila., Pa.
See adv index at end of book

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
Katzenbach & Bullock Co. (Imp.), Trenton, N. J.
McKesson & Robbins (Imp.), 91 Fulton, New York
Scheel Wm. H. (Imported), 159 Maiden la, New York

9509— Magnesium Chloride

Dow Chemical Co., Midland, Mich.
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
Graselli Chemical Co., Cleveland, O.

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Katzenbach & Bullock Co., 100 William, New York

9509a—Magnesium Fluosilicate

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Thomsen Chemical Co., Munsey bldg, Baltimore, Md.

9509b— Magnesium (Metallic)

Norton Laboratories, Inc., Lockport, N. Y.

9509c— Magnesium Sulphate

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

9509d—Magnetic Testing Apparatus

Holz, Herman A. ("Magnetometers"), 2 Madison av, New York
See adv index at end of book

9509e—Magnetizers (Instrument)

Simplex Magneto Co., Inc., 1790 B'way, New York

9510— Magneto Parts

Atter Mfg. Co., Inc., 243 W 17th, New York
Magneto Parts Co. (Attachments), 1790 B'way, New York
National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.
Worcester Stamped Metal Co., 9 Hunt, Worcester, Mass.

Magnetos (Ignition)

See Igniters, Gas & Gasoline Engine

9511— Magnetos (Telephone)

Ericson Mfg. Co. ("Berling"), Buffalo, N. Y.

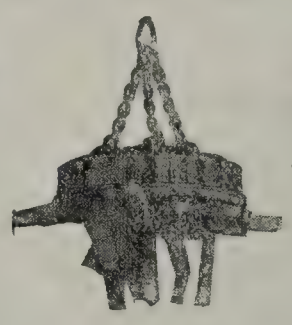
9512— Magnetos (Testing)

Holtzer-Cabot Electric Co., 125 Amory, Boston, Mass.
Utica Fire Alarm Telegraph Co., Utica, N. Y.

9513— Magnets (Electro)

Acme Wire Co. ("Varley Duplex"), New Haven, Conn.
American Electrical Works, Phillipsdale, R. I.
Ansonia Electrical Co., Ansonia, Conn.
Atlanta Utility Works (Oil Mill & Fertilizer), East Point, Ga.
Bunnell J. H. & Co., 32 Park pl, New York
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
ELECTRIC CONTROLLER & MFG. CO. (Lifting), Cleveland, O.
See adv index at end of book
Glaenzer & Co. (Imp.), 33 W 34th, New York
Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.
Knoblock-Heidman Mfg. Co., South Bend, Ind.
Knott L. E. Apparatus Co., 79 Amherst, Cambridge, Mass.
Queen-Gray Co. 618 Chestnut, Phila., Pa.
Reisner W. H. Mfg. Co., Hagerstown, Md.
Sundh Electric Co., Ave. C & Parkhurst, Newark, N. J.
Thordarson Electric Mfg. Co., 501 S Jefferson, Chicago, Ill.

9514— Magnets (Lifting)



Lifting Magnets for handling pig-iron, scrap, etc. Booklet free on request.
THE CUTLER-HAMMER MFG. CO.
12th St. & St. Paul Ave.
Milwaukee, Wis.

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*
Industrial Works, Bay City, Mich.
K. & B. Co. (Hand), 25 N 7th, Phila., Pa.
King Elec. & Mfg. Co., 1011 Power av, Cleveland, O.
Magnetic Mfg. Co., 764 Windlake av, Milwaukee, Wis.
Ohio Electric & Controller Co., Citizens bldg, Cleveland, O.
Ohio Electric & Controller Co. ("Ohio"), 5900 Maurice av, Cleveland, O.

9515— Magnets (Permanent)

Boker & Co., Inc. (Imported), 101 Duane, New York
Esterline Co., Indianapolis, Ind.
Holtz Herman A., 2 Madison av, New York. *See adv index at end of book*

APPARATUS FOR TESTING MAGNET STEEL AND PERMANENT MAGNETS
Latest Improved Types
Write for Catalogue
HERMAN A. HOLZ
2 Madison Ave., New York

Indiana Steel Products Co., 127 N Peoria, Chicago, Ill.
Lindenberg Steel Co., 90 West, New York
STROMBERG - CARLSON TELEPHONE MFG. CO., Rochester, N. Y.
See adv index at end of book
Utica Fire Alarm Telegraph Co., Utica, N. Y.

9516—Magnets (Platers' Tank)

Meaker Co., 1249 Fulton, Chicago, Ill.

9517— Magnets (Solenoid)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.

9518— Magnifiers

Bausch & Lomb Optical Co., Rochester, N. Y.
Glogan & Co., Dickey bldg, Chicago, Ill.

9519—Mail Catchers (Railway)

Columbian Mail Crane Co. ("Columbian" Steel), Columbus, O.
Taylor & Boggis Foundry Co., Cleveland, Ohio

9520—Mail Chutes for Buildings

American Mailing Device Corp. (U. S. Mail Chutes), 103 Park av, New York
Cutler Mail Chute Co., Rochester, N. Y.

9521— *Mailing Lists

BOSTON MAILING CO., 394 Atlantic av, Boston, Mass.

9522— Mailing Machines

See Addressing & Mailing Machines

9523— Mallets (Calking)

Drew C. & Co., Kingston, Mass.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Union Hardware Co., Torrington, Conn.
Wilcox, Crittenden & Co., Middletown, Conn.

9524— Mallets (Carpenters, Printers, Tinners, Yard)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Newton Falls Mfg. Co. (Carpenters') Newton Falls, O.

9524a—*Mallets (For Machinists & Metal Workers)

J. H. O'Neil, Jr., Pawtucket, R. I.
Weekes-Hoffman Co., Syracuse, N. Y.

9525— Mallets (Lignumvitae)

Bliss R. Mfg. Co. (J. H. O'Neil, Jr., Pawtucket, R. I.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Seib Bros. Co., 96-100 Boyd av, Jersey City, N. J.
Stossel Carl & Co., Front Royal, Va.
Strock L. W. & Co. (& Hickory), Bethlehem, Pa.

9526— Mallets (Rawhide)

Brockton Mallet Co. ("Goddard's"), Brockton, Mass.
Chicago Rawhide Mfg. Co., 1301 Elston av, Chicago, Ill.
Holbrook Raw Hide Co., 748 N Main, Providence, R. I.
United Awl & Needle Co. (Rawhide Faces), West Medway, Mass.

9527— Mallets (Rubber)

Boston Belting Corp., 84 Linden Park, Boston, Mass.
Continental Rubber Works, Erie, Pa.
Davol Rubber Co., 69 Point, Providence, R. I.
Goodrich B. F. Co., Akron, O.
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mechanical Rubber Co., Cleveland, O.
National India Rubber Co., Bristol, R. I.
Newton Falls Mfg. Co., Newton Falls, O.
New York Belting & Packing Co., 91 Chambers. New York
Peerless Rubber Mfg. Co., 31 Warren, New York
Quaker City Rubber Co., 629 Market, Phila., Pa.
Revere Rubber Co., Chelsea, Mass.
Schacht Rubber Mfg. Co., Huntington, Ind.
Thermoid Rubber Co.. Trenton, N. J.

9528— Mallets (Wooden)

American Woodworking Co., 19 Warren, New York
Bernz Otto, 17-37 Ashland W, Newark, N. J.
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Delphos Mfg. Co. (Tinners', etc), 1st & Pierce, Delphos, O.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Hellenberg J. B. Co. (For Stone Cutters, Carpenters, Tinners, etc), Coldwater, Mich.
Kohaut John C., 117 Green, Newark, N. J.
Newton Falls Mfg. Co., Newton Falls, O.
New York Mallet & Handle Works, 743 E 11th, New York
O'Neil J. H. Jr. (Hickory), Pawtucket.
Osborne C. S. & Co. (Dogwood & Lignumvite), Harrison, N. J.
Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.
Prouty C. & Co. (All Kinds), Eldred, Pa.
Redlich Mfg. Co., 637 W Oak, Chicago, Ill.
Richardi & Bechtold, Bellaire, Mich.
Sommer John Faucet Co., 355 Central av, Newark, N. J.
Stanley Rule & Level Co., New Britain, Conn.
Stossel Carl & Co., Front Royal, Va.
Strock L. W. & Co., Bethlehem, Pa.
Union Hardware Co., Torrington, Conn.

9529—Malt & Ice House Builders

Phoenix Iron Co., 28 S 15th, Phila., Pa.
Saladin Pneumatic Malting Construction Co., 24 N Clinton, Chicago, Ill.

9530— Mandrels

See also Arbors

Adams Co., Dubuque, Ia.
Alert Tool Co. (Roller), 221 N 23d, Phila., Pa.
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Brown & Sharpe Mfg. Co., Providence, R. I.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Detroit Twist Drill Co., 555 Fort, Detroit, Mich. *See adv index at end of book*
Disston Henry & Sons, Tacony, Phila., Pa.
Freeman Mfg. Co. (Mandrel Sets), Racine, Wis.
Gisholt Machine Co., Madison, Wis.
Jersey City Machine Co. (Shell Tools), 113 Plymouth, Jersey City, N. J.
See adv index at end of book
LeCount, Wm. G. (Expanding), South Norwalk), Conn.
Morse Twist Drill & Machine Co. (with Expanding Sleeve), New Bedford, Mass.
New Haven Sherardizing Co. (Zinc Alloyed Sherardized), New Haven, Conn.
Noyes H. B. Co. ("Little Giant"), Greenfield, Mass.
Peck, Stow & Wilcox Co., Southington, Conn.
Pratt & Whitney Co., Hartford, Conn.
Quin Roy D. (Tube Splicing), Willoughby, Ohio
Rogers Jno. M. Works, Gloucester City, N. J.
Smith H. B. Machine Co., Smithville, N. J.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book

Mandrels (Blacksmiths')

See Mandrels or Cones, Blacksmiths

9531— Mandrels (Expanding)

See also Arbors

Hannifin Mfg. Co. ("Hannifin" to Order Only), 621 S Kolmar av, Chicago, Ill.
Jersey City Machine Co., 113 Plymouth, Jersey City, N. J.
See adv index at end of book
LE COUNT WM. G., South Norwalk, Conn.
See adv index at end of book
McCrosky Reamer Co. ("McCrosky"), Meadville, Pa.
Manufacturers Equipment Co., 175 N Jefferson, Chicago, Ill.
NICHOLSON W. H. & CO. (Lathe), Wilkes-Barre, Pa.
Niles-Bement-Pond Co., 111 B'way, New York
Western Tool & Mfg. Co. ("Champion"), Springfield, O.

9532— Mandrels (Hardened & Ground)

Standard Tool Co., 6900 Central av, Cleveland, O.

9533— Mandrels (Hub)

Defiance Machine Works, Defiance, O.

9534— Mandrels or Cones (Blacksmiths')

Illinois Iron & Bolt Co., Carpentersville, Ill.
Southern Skein & Foundry Co., Chattanooga, Tenn.
Swett A. L. Iron Works, Medina, N. Y.

9535— Mandrels (Saw)

American Woodworking Machy. Co., Rochester, N. Y.
Atkins E. C. & Co., Indianapolis, Ind.
Cordesman-Rechtin Co., Butler, Cincinnati, O.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Disston Hy. & Sons, Tacony, Phila., Pa.
Farquhar A. B. Co. (Ltd.), York, Pa.
Fay J. A. & Egan Co., Cincinnati, O.
Grammes F. L. & Sons, Allentown, Pa.
See adv index at end of book
Hoe R. & Co., 506 Grand, New York
Huther Bros. Saw Mfg. Co., Rochester, N. Y.
See adv index at end of book
Lippert E. T. Saw Co., Millvale, Pa.
Mobile Pulley & Machine Co., Mobile, Ala.
National Woodworking Machine Co., Dover, N. H.
Ober Mfg. Co., Chagrin Falls, O.
Reed Hardware & Mfg. Co., Cairo, Ill.
Smith H. B. Machine Co., Smithville, N. J.
Southern Engine & Boiler Works, Jackson, Tenn.
Southern Saw Work (Circular Saw), Atlanta, Ga.
Union Iron Works, Bangor, Me.
Wheland Co., East Point, Chattanooga, Tenn.

Mandrels (Taper)

See Mandrels

9536— Manganese

American Alloys Co., American bldg, Baltimore, Md.
Bauer Philip Co. (Imported), 68 Broad, New York
Binswanger H. P., 203 B'way, New York
CHRYSTAL CHAS. B. (Oxide, Borate, Resinate Recovered, Imp), 13 Cliff, New York. *See adv index at end of book*
Cooper Chas. & Co., 194 Worth, New York
Doggett Stanley, 11 Cliff, New York
Feuchtwanger L. & Co. (Salts), 136 Liberty, New York
Harshaw, Fuller & Goodwin Co. (Boats, Resinate pole and sulphate), Cleveland, New York & Philadelphia.
Harshaw, Fuller & Goodwin Co., Electric bldg, Cleveland, O.
Innes, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Lamson John S. & Bro. (Imptrs. & Dirs.), 347 Madison av, New York
Levensaler-Speir Corp., Monadnock bldg, San Francisco, Cal.
McKesson & Robbins (Imp), 91 Fulton, New York
Mallinckrodt Chemical Works (Salts), 2d & Mallinckrodt, St. Louis, Mo.
Metal & Thermit Corp. (Aluminum, Boron & Titanium), 120 B'way, New York
Mitsui & Co. (Imp), 45 B'way, New York
National Paint & Manganese Co. (Miners & Grinder), Lynchburg, Va.
Pennsylvania Salt Mfg. Co. (Salt), Widener bldg, Phila., Pa.
Powers-Weightman Rosengarten Co. (Salts), 916 Parrish, Phila., Pa.
Roessler & Hasslacher Chemical Co. (Chloride, Oxide, Sulphate, etc.), 100 William, New York
SAMUEL FRANK, Harrison bldg, Phila, Pa.
See adv index at end of book
Scheel Wm. H. (Imported), 159 Maiden la, New York
Seaboard Steel & Manganese Corp. (Pig), Temple, Pa.
Staley's Creek Manganese & Iron Co., Marion, Va.
Tennant C. Sons & Co. of N. Y. (Imp), 100 William, New York
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
See adv index at end of book
Wiarda Jno. C. & Co. (Oxide Salts), 273 Greene, Brooklyn, N. Y.

9536a— Manganese Borate

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

9537—Manganese Bronze (Parsons')

Cramp Wm. & Sons Ship & Engine Building Co., Beach & Ball, Phila., Pa.

9537a—Manganese Carbonate

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

9537b— Manganese Chloride

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

9538— Manganese Dioxide

American Alloys Co., American bldg, Baltimore, Md.
C. P. N. CHEMICAL CO., INC., 78 Reade, New York; 231 West Huron, Chicago, Ill.
Foote Mineral Co., 107 N 19th, Phila., Pa.
Hardy, Chas. (broker), 50 Church, New York

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

9538a—Manganese Linoleate

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

9539— Manganese Metal

Primos Chemical Co., Primos, Pa.

9539a— *Manganese (Ores)

FOOTE MINERAL CO., 107 N 19th, Phila., Pa.

Manganese Oxide

(See Oxide of Manganese)

9539b—Manganese Peroxide

American Metal Co., 61 B'way, New York
Lavino E. J. & Co. (Imp), Bullitt bldg, Phila., Pa.
SAMUEL FRANK, Harrison bldg, Phila.. Pa. *See adv index at end of book*

9539c—Manganese Resinate

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

9540—Manganese Steel Repair Parts

American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
Taylor-Wharton Iron & Steel Co. ("Tisco"), High Bridge, N. J.

9541—Manganese Steel Track Work

See also Frogs, Switches & Crossings

Barbour Stockwell Co., Cambridge, Mass.
Bethlehem Steel Co. ("Manard"), South Bethlehem, Pa.
Cleveland Frog & Crossing Co. ("C. F. C. & Co."), Cleveland, O.
Conley Frog & Switch Co., Memphis, Tenn.
Frog-Switch & Mfg. Co., Carlisle, Pa.
Ramapo Iron Works, Hillburn, N. Y.
St. Louis Frog & Switch Co., Chemical bldg, St. Louis, Mo.
WHARTON WM. JR. & CO., Inc. (For Electric, Steam & Industrial Railways), Easton, Pa.

9541a—Manganese Sulphate

THE HARSHAW FULLER & GOODWIN COMPANY

CLEVELAND NEW YORK PHILADELPHIA

9542— Mangers (Feed)

Londen Machinery Co., Fairfield, Iowa
Mullins Mfg. Co., Brillion, Wis.
Rockford Steel Fixture Co. ("Warren" All Steel Sanitary), Rockford, Ill.
West Bend Barn Equipment Co., West Bend, Wis.

Mangles (Ironing)

See Laundry Machinery

9543— Manheads, Yokes, Etc. (Pressed Steel)

Central Iron & Steel Co., Harrisburg, Pa.
Glasgow Iron Co. ("Roe"), Pottstown, Pa.
Lukens Steel Co. ("Best Yet"), Coatesville, Pa.

Manholes (Flanged)

See Boiler Flue Holes & Manholes, Flanged

9543a— Manholes (Ship)

Thacher Geo. H. & Co., Albany, N. Y.

9544— Manicure Sets

ARLINGTON WORKS, THE (E. I. du Pont de Nemours & Co.), 21 E 40th, New York
Artistic Novelty Co., 312 7th av, New York
Bates, C. J. & Son, Chester, Conn.
Bens Wm. Co. (Sterling Silver), 7 Beverly, Providence, R. I.
Bergner Fred & Co., Paca & Cross, Baltimore, Md.
Boker Cutlery & Hdwe Co. Inc. ("Tree Brand," Imported), 101 Duane, New York
Celluloid Co. (Celluloid), 36 Washington pl, New York
Effbee Company, 512 S Wells, Chicago, Ill.
Graef & Schmidt ("Twin Brand," Imported), 107 Chambers, New York
Havell Mfg. Co., 284 Washington, Newark, N. J.
Henkel Co., Fremont, Ohio
Jennings Silver Co., Irvington, N. J.
Klaas Max ("Crane Brand" Imported), 108 Fulton, New York
Koch F. A. & Co., 524 B'way, New York
Korn Geo. W. Razor Mfg. Co., Little Valley, N. Y.
Manicure Novelty Mfg. Co., 49 E 21st, New York
Pacific Novelty Co. (Ivory "Elpho"), 41 E 11th, New York
Parkesburg Stamping & Mfg. Co., Parkesburg, Pa.
Requa Mfg. Co., 1193 Atlantic av, Brooklyn, N. Y.
Ross Jos. & Co., Irvington, N. J.
Saart W. H. Co., Attleboro, Mass.
SCHIMPER WILLIAM & CO. (& Fittings), 322-338 Ferry, Hoboken, N. J., & 33 Union Square West, New York
Schnefel Bros., 684 So 17th St., Newark, N. J.
Sperry & Alexander Co., 79 Chamber, New York
United Novelty Co. Lancaster, Pa.
U. S. Specialty Co. ("Allwon" Buffer Sets), Middletown, Conn.
Yale Novelty Co. (French Ivory), Leominster, Mass.

9544a— Manicure Sets (Cased)

ARLINGTON WORKS, THE (E. I. du Pont de Nemours & Co.), 21 E 40th, New York
Parkesburg Stamping & Mfg. Co., Parkesburg, Pa.

9545— Manifolds

Ajax Auto & Aero Sheet Metal Co. (M. W. Meyer), 245 W. 55th, New York
Am District Steam Co. (For vessels), No. Tonawanda, N. Y.
A. Z. Co., 527 W 56th, New York
American Tube Bending Co. (Made from Brass, Copper & Steel Tubing), New Haven, Conn.
KNAPP ARTHUR ENGNG. CORP. (Copper & Steel), 30 Church, New York.
See adv index at end of book
Koven L. O. & Bro. (Exhaust), 154 Ogden av, Jersey City, N. J.
See adv index at end of book

9546— Manometers

Simplex Valve & Meter Co., 110 N Broad, Phila., Pa.

9546a— *Mantel Fittings

GORHAM CO. ARCHITECTURAL BRONZE, 5th av & 36th, New York
See adv index at end of book

9547—*Mantel, Grate & Tile Dealers

JACKSON EDWIN A. & BRO., (Inc.) (The "Jackson" Ventilating Grate, Mantels, Tiles, Fireplaces, etc.), 50 Beekman, New York
See adv index at end of book

9548— Mantels (Brick)

Carnegie Brick & Pottery Co. (Or Tile), Rialto bldg, San Francisco, Cal.
Fallston Fire Clay Co., Oliver bldg, Pittsburgh, Pa.
Fiske & Company (Tapestry), 25 Arch, Boston, Mass.
Hydraulic-Press Brick Co., ("Hy-tex"), St. Louis, Mo.
Los Angeles Pressed Brick Co. (Or Tile), Los Angeles, Cal.
Phila. & Boston Face Brick Co., 155 Milk, Boston, Mass.
Shape Brick Co., 3952 14th av, Seattle, Wash.
Washington Brick, Lime & Sewer Pipe Co., Spokane, Wash.
Wilson W. A. & Sons, 1409 Main, Wheeling, W. Va.

Mantels (Faience)

See Architectural Faience

Mantels (Marble)

See Marble Interior Work

9549—Mantels (Marbleized Iron)

Bridgeford & Co., Louisville, Ky.
Kentucky Stove Co., Louisville, Ky.

9550—Mantels (Marbleized Slate)

Coulman & Westcott, Fair Haven, Vt.
Criterion Slate Co., Hydeville, Vt.
Excelsior Slate Co., Pen Argyle, Pa.
Hinchey Patrick F. & Co., Hydeville, Vt.
Keenan Structural Slate Co., Bangor, Pa.
O'Day Bros., Hydeville, Vt.

9551— Mantels (Mosaic)

Giannini & Hilgart, 222 W Madison, Chicago, Ill.
Hawes & Dodd, 59 E Adams, Chicago, Ill.
Italian Marble Mosaic Co., 431 Spruce, Phila., Pa.
Sharpless & Watts Co., 1520 Sansom, Phila., Pa.
Tiffany Studios, 361 Madison av, New York
Von Gerichten Art Glass Co., 557 So High, Columbus, O.
Wilson W. A. & Sons, 1409 Main, Wheeling, W. A.

Mantels (Onyx)

See Onyx Workers

9552— Mantels (Slate)

See also Slate Mill Stock; also Mantels, Marbleized Slate

American Slate Co., Easton, Pa.
Auld & Conger Co., 942 Prospect, Cleveland, O.
Bangor Slate Co., Bangor, Pa.
Colonial Bangor Slate Co., Bangor, Me.
Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.
Hahn Granville, Walnut Port, Pa.
Hinchey Patrick F. & Co., Hydeville, Vt.
Jackson Wm. H. Company, 2 W 47th, New York
Keenan Structural Slate Co., Bangor, Pa.
Monson Maine Slate Co., 112 Water, Boston, Mass.
North Bangor Slate Co., Bangor, Pa.
Penrhyn Slate Co., Hydeville, Vt.

Mantels (Terra Cotta)

See Terra Cotta, Architectural

9553— Mantels (Wood)

Allen Mfg. Co. (Ltd.), (Whol. Mfrs.), Shreveport, La.
American Sash & Door Co. (Wholesale Mfrs.), Kansas City, Mo.
Atkin C. B. Co. (Whol.), Knoxville, Tenn.
Bering Mfg. Co. (Whol. Mfrs.), Houston, Tex.
Bossert Louis & Son, 1335 Grand, Brooklyn, N. Y.
Brockway-Smith Corp. (Whol.), 98 Canal, Boston, Mass.
Capitol Lumber Co., Indianapolis, Ind.
Carr, Ryder & Adams Co. (Wholesale Mfrs.), Dubuque, Ia.
Carter Geo. H. Co., 43 Beverly, Boston, Mass.
Columbia Mantel Co. (Whol.), Louisville, Ky.

EDWIN A. JACKSON & BRO. Inc.

50 Beekman Street, New York,

MANUFACTURERS OF

Mantels, Grates, Franklin Stoves, Dampers, Andirons, Spark Screens and All Kinds of Fireplace Fixtures.

Cumberland Sash & Door Co. (Whol. Mfrs.), Cumberland, Md.
Curtis Bros. & Co. (Whol. Mfrs.), Clinton, Ia.
Curtis, Towle & Paine Co. (Whol.), Lincoln, Neb.
Curtis & Yale Co., Wausau, Wis.
Dame Mantel Co. (Whol.), Harriman, Tenn.
Dawson Bros. (Wholesale Mfrs.), 523 N Halsted, Chicago, Ill.
East Tennessee Woodworking Co., Morristown, Tenn.
Enterprise Planing Mill Co., Hillsboro, O.
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Forest City Furn. Co. (Whol.), Rockford, Ill.
Foster-Munger Co. (Whol. Mfrs.), 1404 W 37th, Chicago, Ill.
Gauger Jno. A. & Co. (Wholesale Mfrs.), 1434 W 22d, Chicago, Ill.
Gordon Vantine Co., Davenport, Ia.
Grand Rapids Clock & Mantel Co., Grand Rapids, Mich.
Hegan Co., Louisville, Ky.
Hornet Mantel Co., 1112 Market, St. Louis, Mo.
Hyde-Murphy Co., Ridgeway, Pa.
Ironton Wood Mantel Co., Ironton, O.
Irving & Casson, 573 Boylston, Boston, Mass.
JACKSON EDWIN A. & BRO. (INC.), 50 Beekman, New York
See adv index at end of book
Jackson Wm. H. Company, 2 W 47th, New York
Jamestown Mantel Co., Falconer, N. Y.
Kertscher & Co., Elmira, N. Y.
Knoxville Furn. Co. (Whol.), Knoxville, Tenn.
Loetscher & Burch Mfg. Co., Des Moines, Ia.
Lorenzen Chas. F. & Co., 105 N Clark, Chicago, Ill.
Matthews Bros. Mfg. Co., 61 4th, Milwaukee, Wis.
Messer Jos. J., 461 Central av, Newark, N. J.
Moline Furniture Works, Moline, Ill.
Morgan Co. (Wholesale Mfrs.), Oshkosh, Wis.
Munson & Johnson, Jamestown, N. Y.
Nalle & Co. (Whol. Mfrs.), Austin, Tex.
National Mantel Co., McKeesport, Pa.
National Sash & Door Co., N Dupre & Toulouse, New Orleans, La.
Newark Mantel Co., 59 Poinier, Newark, N. J.
Ornamental Woodworking Co., Springfield, Mass.
Ostendorf W. G., 2923 N Broad, Phila., Pa.
Paine Furniture Co., 81 Arlington, Boston, Mass.
Paine Lumber Co. (Ltd.), (Whol. Mfrs.), Oshkosh, Wis.
Peirce W. E. & Co., Milford, N. H.
Pottier & Stymus Co., 375 Lex. av, New York
Quincy Show Case Works, Quincy, Ill.
Richmond Wood Working Co., Richmond, Va.
Riggs Cypress Co. (Ltd.), (Wholesale Mfrs.), Patterson, La.
Roberts Sash & Door Co. (Wholesale Mfrs), 920 W 20th, Chicago, Ill.
STEARNS A. T. LUMBER CO., 100 Taylor, Neponset, Boston, Mass.
See adv index at end of book
Steiner Mantel Co., 8th & Fairmount av, Baltimore, Md.
Steul & Thuman Co., 278 Johnson, Buffalo, N. Y.
Stuhlmiller Mantel Works (Wholesale Mfrs.), Buffalo, N. Y.
Taylor Wm. M. Mantel & Grate Co., 26 S 3d, Columbus, O.
Thauwald C. F. & Co., 1224 Harrison av, Cincinnati, O.

9554— Mantles (Arc)

General Gas Light Co. ("Humphrey"), Kalamazoo, Mich.

9555-6—Mantles (Incandescent Gas)

See also Burners, Incandescent Gas

Alter Light Co., 430 S Green, Chicago, Ill.
American Gas Machine Co. ("America"), Alberta Lea, Minn.
Aurora Mantle & Lamp Co., Aurora, Ill
Best Light Co., 477 Second, N. E., Canton, O.
Block Gas Mantle Co., Youngstown, O.
Block Co., Youngstown, O.
Brilliant Gas Lamp Co., 1009 S Wabash av, Chicago, Ill.
Buffalo Gas Mantle Co., 296 Bryant, Buffalo, N. Y.
Columbus Incandescent Mantle Co., Columbus, O.
Deutsch Chas. (Plain and Fancy Webbings), 177½ E 87th, New York
Eclipse Light Co. ("Rector," "Eclipse" & "Junior"), 583 Broadway, New New York
Erie Gas Mantle Mfg. Co., Erie, Pa.
General Gas Mantle Co. ("Humphrey"), Camden, N. J.
Harris Wood Fibre Mantle Co. ("Harris"), 1569 Columbus rd, N W, Cleveland, O.
Hickory Gas Mantle Mfg. Co., N W cor University & Griggs, St. Paul, Minn.
Hipwell Mfg. Co., 831 W North av, Pittsburgh, Pa.
Hyatt-Wise Mfg. Co., Columbus, O.
Iron Clad Gas Mantle Co., Canton, O.
Liberty Incandescent Light Co., 7 Chatham sq, New York
Lindsay Light Co., 161 E Grand av, Chicago, Ill.
Mantle Lamp Co. of America, 167-172 N Halsted, Chicago, Ill.
New Process Gas Mantle Co. 27 Bank, Phila., Pa.
Paragon Light Co., 141 Locust, Buffalo, N. Y.
Peerless Light Co. ("Flexo," "Peerless Indestructo"), 174 W Randolph, Chicago, Ill.
Phoenix Light Co., 525 Market, Milwaukee, Wis.
Smith F. A. Mfg. Co. ("Gasaver"), Rochester, N. Y.
Steward D. M. Mfg. Co. ("Alva"), Chattanooga, Tenn.
Sunshine Mantle Co., Chanute, Kan.
Van Houten E. J. S., 96 Park pl, New York
Welsbach Co. ("Welsbach Reflex," "Welco," "Amber"), Gloucester City, N. J.
Wiederhold Mantle & Burner Co., 131 Winfield av, Jersey City, N. J.

9557—Manufacturers' Distributors

American Sales Co., Explosives, Godchaux bldg, New Orleans, La.
Breslauer A. (Industrial Chemicals), American National Bank Bldg, San Francisco, Cal.

9558—Maple Sugar & Syrup Makers' Supplies

Bell C. S. Co., Hillsboro, O.
Champion Evaporator Co., Hudson, O.
Grimm G. H., Rutland, Vt.
Hydraulic Press Mfg. Co., Mount Gilead, O.
Osborn J. M. & L. A. Co., Cleveland, O.

9559— Maps

Bradley Milton Co., Springfield, Mass.
Bridgman E. C., 61 Warren, New York
Bullard Co., 46 Cornhill, Boston, Mass.
Clason Map Co. (Road Maps), Denver, Col.
Cram Geo. F. Co., 107 N Market, Chicago, Ill.
Geographical Publishing Co., 621 Plymouth, Chicago, Ill.
Gugler Lithograph Co., Milwaukee, Wis.
Hammond C. S. & Co., 18 Thames, New York
Hartman H. (Road Maps), 253 W 42d, New York
Hedenberg James W., 40 N Dearborn, Chicago, Ill.
Hyde E. Belcher, 97 Liberty, Brooklyn, N. Y.
Indianapolis Blue Print & Supply Co. (Printers), Century bldg, Indianapolis, Ind.
Kenyon Printing & Mfg. Co., Des Moines, Ia.
Lithograph & Mfg. Co. of U. S., New York
Matthews, Northup Works, 177 Washington, Buffalo, N. Y.
Mendenhall C. S., Cincinnati, O.
National Map Co., Indianapolis, Ind.
Noll E. P. & Co., 21 N 7th, Phila., Pa.
Ogle Geo. A. & Co., 538 S Clark, Chicago, Ill.
Ohman Map Co., 258 B'way, New York
Rand-Avery Supply Co., 117 Franklin, Boston, Mass.
Rand McNally & Co., 538 S Clark, Chicago, Ill.
Sanborn Map Co., 11 B'way, New York
Scarborough Motor Guide Co., Indianapolis, Ind.
Smith John L., 27 N 6th, Phila., Pa.
Spaulding J. R. & Co., Boston, Mass.
Universal Co., New York
Walker Lithograph Publishing Co., 400 Newberry, Boston, Mass.
Williams Map & Guide Co., New York
Woodward-Tierman Printing Co., 309 N 3d, St. Louis, Mo.

9560— Marble Altars

Batterson & Eisele, Main Office & Works, Edgewater, N. J.
Christa Marble Co., Detroit, Mich.
Church Art Work Co., Mt. Vernon, N. Y.
Daprato Statuary Co., 766 W Adams, Chicago, Ill.
Francini C., Lexington av & 35th, New York
Hilgartner Marble Co., So. Sharp & Ostend, Baltimore, Md.
Marthens Chester N. Marble Co., W 53rd & Wallace, Chicago, Ill.
Oak Hill Marble Works, Birmingham, Ala.
Pickel Marble & Granite Co., 1901 N B'way, St. Louis, Mo.
Sibbel Jos., 214 E 26th, New York
Standard Marble Works, 706 Front, Cincinnati, O.
Theis' Peter Sons, 636 1st av, New York
Tiffany Studios, 361 Madison av, New York
Weiblen A. Marble & Granite Co., City Park av & St. Louis, New Orleans, La.

9561— Marble (Artifical)

Art Marble Co., 2608 Flournoy, Chicago, Ill.
California Scagliola Co., San Francisco, Cal.
Cassini Mosaic & Tile Co., 1027 B'way, Cincinnati, O.
Coast Art Marble Co., 68 Clara, San Francisco, Cal.
Cousins H. A. Co., 524 W 25th, New York
Henry Marble Co., 3208 Shields av, Chicago, Ill.
Klee-Thomson Co., 327 E 40th, New York
Scagliola Mfg. Co., 255 Lexington av, New York
Stone Products Co., Muskegon, Mich.

9562— Marble (Basseville)

Jackson C. D. & Co. (Imp), 105th & E. R., New York
Maute J. & Sons, 23 Kane, Buffalo, N. Y.

9563— Marble (Carrara)

Jackson C. D. & Co. (Imp), 105th & E. R., New York
Schlichter P. M. & W., 636 1st av, New York
Tompkins Kiel Marble Co., 505 5th av, New York

9564—Marble (Colored, Foreign)

Jackson C. D. & Co. (Imp), 105th & E. R., New York
Tompkins Kiel Marble Co., 505 5th av, New York

Marble Columns (Artifical)

See Marble, Artificial

9565—Marble Columns (Monolithic)

Colorado Yule Marble Co. (Pure White & Veined), Marble, Colo.
Schlichter P. M. & W., 636 1st av, New York

9566—Marble, Crushed (Graded)

Rutland Fire Clay Co. ("Rutland"), Rutland, Vt.

9567— Marble Dust Mfrs.

Chrystal Chas. B. (Jobber), 13 Cliff, New York. *See adv index at end of book*
Daniels Willard B. (Also Marble Flour), 252 Front, New York
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
Hammill & Gillespie (Jobbers), 240 Front, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Higginson Mfg. Co., Newburgh, N. Y.
Hoosac Co., North Adams, Mass.

MARBLE DUST MFRS.—continued
Jackson C. D. & Co., 105th & E. R., New
King J. B. & Co., 17 State, New York
McIlvaine Bros. (For Builders' Use, Soap Makers & Granulated for Filtering, etc), 1500 Hamilton, Phila., Pa.
Nelson N. O. Marble Co., Edwardsville, Ill.
Ohio Marble Co., Piqua, O.
Peoria Stone & Marble Works, Peoria, Ill.
Rutland Fire Clay Co. ("Rutland," Pulverized), Rutland, Vt.
Tompkins Kiel Marble Co., 505 5th av, New York
White Marble & Terrazzo Co., Lee, Mass.
Whittaker, Clark & Daniels, Inc. (Jobbers), 250 Front, New York

Marble Electric Work

See Marble Interior Work

9568— Marble Exterior Work

Batterson & Eisele, Main Office & Works: Edgewater, N. J.
Beaver Dam Marble Co., Gunther bldg, Baltimore, Md.
Blue Ridge Marble Co. (Georgia Marble), Nelson, Ga.
Bradbury Marble Co., 4165 Duncan, St. Louis, Mo.
Bradley Wm. & Son, Vernon av, Long Island City, N. Y.
Buckeye Marble Co., Hamilton, O.
Colorado Yule Marble Co., Marble, Colo.
Georgia Marble Finishing Works, Canton, Ga.
Gray Wm. & Sons Co., 30 bl Walnut, Philadelphia, Pa..
Norcross Bros. Co., 10 E Worcester, Worcester, Mass.
Oak Hill Marble Works, Birmingham, Ala.
Rullman & Wilson, Lafayette E of Mt. Royal, Baltimore, Md.
Rutland Marble & Granite Co., Rutland, Vt.
Sickels Geo. B. Marble Co., Tate, Ga.
Sisson Hugh & Sons, 21 N Liberty, Baltimore, Md.
Southern Marble Co., Marble Hill, Ga., & Worcester, Mass.
Vermont Marble Co., Proctor, Vt.
Weiblen A. Marble & Granite Co., City Park av & St. Louis, New Orleans, La.

Marble Flour

See Marble Dust

9569— Marble for Terrazzo

Cardiff Green Marble Co. (Granito), Cardiff, Md.
Traitel Marble Co., Webster av & E. R. Long Island City, N. Y.
Whitestone Marble Co. (Whitestone Granito), Atlanta, Ga.
Willingham Stone Co. (White Granito), Healey bldg, Atlanta, Ga.

9570— Marble (Greek)

Jackson C. D. & Co. (Imp), 105th & E. R., New York

9571— Marble (Green)

Cardiff Green Marble Co., Cardiff, Md.
Jackson C. D. & Co., 105th & E. R., New York
Schweyer Henry A., Co. ("Sylvan Green"), Easton, Pa.
Tompkins Kiel Marble Co., 505 5th av, New York
Westfield Marble & Sandstone Co., Westfield, Mass.

9572— Marble Importers

See also Marble, Wholesale

Batterson & Eisele, Main Office & Works, Edgewater, N. J.
Evans Marble Co., Shell & Dock, Baltimore, Md.
Fenn C. E. & Co., 38 S Dearborn, Chicago, Ill.
Francini C., Lexington av & 35th, New York
Hilgartner Marble Co., So. Sharp & Ostend, Baltimore, Md.
Jackson C. D. & Co., 105th & E. R., New York
Musto Jos. Sons-Keenan Co., 535 North Point, San Francisco, Cal.
Pisani Bros., 815 Vernon av, Astoria, New York
Schlichter P. M. & W. (German & Italian), 636 1st av, New York
Standard Marble Wks, 706 Front, Cincinnati, O.
Taber & Co., 1 Hudson, New York
Tompkins Kiel Marble Co., 505 5th av, New York
Townsend, Townsend & Co., 453 W 21st, New York

9573—Marble Importers (Italian)

Batterson & Eisele, Main Office & Works, Edgewater, N. J.
Jackson C. D. & Co., 105th & E. R., New York
Pisani Bros., 815 Vernon av, Astoria, L. I., New York
Schlichter P. M. & W., 636 1st av, New York
Tompkins Kiel Marble Co., 505 5th av, New York

9574—Marble Interior Work

See also Plumbers' Marble Work; also Marble Producers

American Mosaic & Tile Co., Louisville, Ky.
Andres Stone & Marble Co., Keefe av & Richards, Milwaukee, Wis.
Batterson & Eisele, Main Office & Works, Edgewater, N. J.
Blue Ridge Marble Co. (Georgia & Tenn. Marble Only), Nelson, Ga.
Bowker, Torrey Co., 158A, Boston, Mass.
Bradbury Marble Co., 4165 Duncan, St. Louis, Mo.
Bradley Wm. & Son, Vernon av., Long Island City, N. Y.
Buckeye Marble Co., Hamilton, O.
Buess Wm., 312 E 95th, New York
Cascio S. (Counter Work, Plumbers' Work Marble Top Table, Tiling, etc.), 1259 Flushing av, Brooklyn, N. Y.
Central Mosaic & Tile Co., Memphis, Tenn.
Christa Marble Co., Detroit, Mich.
Colorado Yule Marble Co., Marble, Colo.
Columbia Marble Co., 268 Market, San Francisco, Cal.
Columbia Marble Co., 17th & Missouri, San Francisco, Cal.
Cork & Zicha Marble Co., 813 Vernon av, Long Island City, N. Y.
Daprato Statuary Co., 766 W Adams, Chicago, Ill.
Drake Marble & Tile Co., 58 Plato av, St. Paul, Minn.
Duquesne Marble Co., Irwin & Jarvella, N S, Pittsburgh, Pa.
Eckhardt Monumental Co., Toledo, O.
Ellin, Kitson & Co., Madison av & 34th, New York
Eschmann B. & J., 412 E 37th, New York
EVANS MARBLE CO., Shell & Dock, Baltimore, Md.
Francini C., Lexington av & 35th, New York
Georgia Marble Finishing Works, Canton, Ga.
Grant Marble Co., 27th & Canal, Milwaukee, Wis.
Gray Chas M. Marble & Slate Co., 709 Vernon av, Long Island City, N. Y.
Gray Wm. & Sons Co., 30th bl Walnut, Philadelphia, Pa.
Hilgartner Marble Co., So. Sharp & Ostend, Baltimore, Md.
Huber Victor Marble & Granite Co., Scott & St. Louis, New Orleans, La.
Jacoby & Son Co., 2025 Market, Phila., Pa.
Kemlein & Leahy, Onyx, Long Island City, N. Y.
Kennesaw Marble Co., Marietta, Ga.
Klaber S. & Co., 21 W 39th, New York
McGratty & Sons, 313 Butler, Brooklyn, N. Y.
McLaury D. H. Tile Co., 103 Park av, New York
Marthens Chester N. Marble Co., W 53d & Wallace, Chicago, Ill.
Millgard D. & Co., Colfax, Wash.
Mion C. (Mosaics), Atlanta, Ga.
Mion P Co. (Contracting), Atlanta, Ga.
Musto Jos. Sons-Keenan Co., 535 North Point, San Francisco, Cal.
National Mosaic Co., 338 Pennsylvania av, Washington, D. C.
Nelson N. O. Marble Co., Edwardsville, Ill.
Norcross Marble Co., Harvard & Jennings rd, Cleveland, O.
Northwestern Marble & Tile Co., 27th av & 27th, Minneapolis, Minn.
Oak Hill Marble Works, Birmingham, Ala.
Pelli Alexander & Co., 509 E 120th, New York
Peoria Stone & Marble Works, Peoria, Ill.
Pickel Marble & Granite Co., 1901 N B'way, St. Louis, Mo.
Ravenswood Co., Ravenswood, L. I., N. Y.
Reeves Marble Co., Atlanta, Ga.
Schlichter P. M. & W., 636 1st av, New York
Shipway John H. & Bro., Locust av & 136th, New York
Sickels Geo. B. Marble Co., Tate, Ga.
Sisson Hugh & Sons, 21 N Liberty, Baltimore, Md.
Standard Marble Works, 706 Front, Cincinnati, O.
Theis' Peter Sons, 636 1st av, New York
Toscani John L. Co., 930 E 178th, New York
Traitel Marble Co., Webster av, Long Island City, N. Y.
Voska, Foelsch & Sidio, 61 Mills, Astoria, L. I., N. Y.
Wege Marble & Tile Co., Central National Bank bldg, Columbus, O.
Weiblen A. Marble & Granite Co., City Park av & St. Louis, New Orleans, La.
Weis & Jennett Marble Co., 3011 Missouri, St. Louis, Mo.
White Marble & Terrazzo Co., Lee, Mass.

Marble Mosaic

See Mosaics, Floor

Marble Mosaic Cube Importers

See Mosaic Cube Importers, Etc.

Marble (Plumbers')

See Plumbers' Marble Work

9575— Marble Producers

ARIZONA.

BOWIE—Arizona Marble Co.

CALIFORNIA.

LOS ANGELES—American Carrara Marble Co.
SAN FRANCISCO—Columbia Marble Co., 268 Market

COLORADO.

MARBLE—Colorado Yule Marble Co. (Pure White, for Exterior & Interior Work, Statuary, etc.)

GEORGIA.

ATLANTA—Amicalola Marble Co. ("Amicalola," White)
Atlanta Marble & Granite Co.
Consumers Monument Co.
Roberts Marble Co.
Whitestone Marble Co. Quarries: Whitestone, Ga.
Williams-Hester Marble Co.
CANTON—Coggins Marble Co.
Continental Marble & Granite Co.
Georgia Marble Finishing Works
COLUMBUS—Elledge & Norman Marble Co.
MARIETTA—Kennesaw Marble Co.
McNeel Marble Co.
NELSON—Blue Ridge Marble Co.
TATE—Georgia Marble Co. ("Cherokee," "Creole," "Kennesaw," "Etowah," "Silver Gray")
Sickles Geo. B. Marble Co.
WHITESTONE—Whitestone Marble Co.

ILLINOIS.

CHICAGO—Evans Marble Co., 133 N Clark
Garden City Sand Co., Chamber of Comm. bldg

MARYLAND.

BALTIMORE—Beaver Dam Marble Co., Gunther bldg. Quarries, Cockeysville, Md.
Evans Marble Co., Shell & Dock
Sisson Hugh & Sons, 21 N Liberty
Sisson Marble Co., W 23d & B & O

MASSACHUSETTS.

LEE—Gross W. H.
Lee Marble Works
White Marble & Terrazzo Co.
WESTFIELD—Westfield Marble & Sandstone Co.
WEST STOCKBRIDGE—West Stockbridge Marble Works

MICHIGAN.

DETROIT—Christa Marble Co.

MISSOURI.

CARTHAGE—Carthage Marble Works
Carthage Marble & White Lime Co. (See St. Louis)
Carthage Quarry Co.
Carthage Stone Co.
Carthage Superior Marble & Limestone Co.
Consolidated Marble & Stone Co.
Kellogg Marble Co.
Spring River Stone Co.
KANSAS CITY—Phenix Marble Co., 19th & Olive
ST. LOUIS—Bradbury Marble Co., 4165 Duncan
Carthage Marble & White Lime Co., Chouteau & Vendeventer av

NEW YORK.

BINGHAMPTON—Lauder, Isaac & Son
CARTHAGE—Crooks & McLean Co.
GOUVERNEUR—Gouverneur Marble Co.
New York Marble & Granite Co.
Scholton D. G. (Wholesale)
St. Lawrence Quarries
Sullivan John J.
NEW YORK—Batterson & Eisele, 101 Park av
Norcross Bros. Co. (Georgia, Tuckahoe & Vermont), 103 Park av
Tassini & Tassini, 810 E 5th

OHIO.

HAMILTON—Buckeye Marble Co.
Standard Marble Works, 706 W Front

PENNSYLVANIA.

CORRY—Starr Granite & Marble Wks.
KING OF PRUSSIA—Schweyer Henry A. Co. (Blue & Dark Blue)
Schweyer Henry A. Co. ("Sylvan Green"). Quarries: Easton, Pa.
PHILADELPHIA—Peverley Bros., 1215 Filbert
WEST GROVE—Penna. Marble & Granite Co.

SOUTH CAROLINA.

SPARTANSBURG—Southern Marble & Granite Co.

TENNESSEE.

KNOXVILLE—Appalachian Marble Co. (Havlin Pink, Silver Gray, Dark Chocolate, Roseal, Dark Stainette Variegated)
Asbury Marble Co. ("Gray Eagle")
Cedar Bluff Marble Co.
Craig Jno. J. Co.
Cumberland Marble Mill Co.
EVANS MARBLE CO.
Fenton Construction Co.
Gray Eagle Marble Co. ("Gray Eagle")
Ross J. M.
Ross & Republic Marble Co. ("Royal")
Tennessee Producers' Marble Co. (Dark Cedar, McMullen Gray & Bond Pink)
Victoria Marble Co. ("Victoria Pink." "Victoria Gray")
MEADOW—Meadow Marble Co. ("Meadow Pink," "Meadow Gray").

VERMONT.

BRANDON—Brandon Marble Co.
Middlebury Marble Co.
BURLINGTON—Goodell Granite & Marble Co.
FOWLER—Rutland Florence Marble Co.
MANCHESTER CENTER—Bebee Wm. G.
PROCTOR—Vermont Marble Co.
RUTLAND—Rutland Marble & Granite Co.
United Marble Companies
SWANTON—Barney Marble Works
WEST RUTLAND—Clarendon Marble Co.

VIRGINIA.

RICHMOND—Wray Audrew J., 328 S Cherry

9576-7—Marble (Rosso Antico)

Jackson C. D. & Co. (Imp.), 105th & E R, New York

Marble Sawing Machines

See Stone Sawing Machines

9578— Marble (Serpentine)

Tompkins Kiel Marble Co., 505 5th av, New York
Westfield Marble & Sandstone Co. (Black & Green), Westfield, Mass.

9579— Marble Statuary

Batterson & Eisele, Main Office & Works, Edgewater, N. J.
Church Art Work Co., Mt. Vernon, N. Y.
Francini C., Lexington av & 35th, New York

9580— Marble (Terrazzo)

Tompkins Kiel Marble Co., 505 5th av, New York

9581— Marble (Tinos)

Jackson C. D. & Co. (Imp.), 105th & E R, New York

9582—Marble (Vert D'Estours)

Jackson C. D. & Co. (Imp.), 105th & E R, New York

9583— Marble (Wholesale)

See also Marble Importers

Batterson & Eisele, Main Office & Works, Edgewater, N. J.
Bradbury Marble Co. (Georgia, etc), 4165 Duncan, St. Louis, Mo.
Carthage Marble & White Lime Co. (Georgia & Tennessee), Chouteau & Vendeventer avs, St. Louis, Mo.
Colorado Yule Marble Co. (Pure White, for Exterior & Interior Work, Statuary, etc.), Marble, Colo.
Evans Marble Co., Shell & Dock, Baltimore, Md.
Fenn C. E. & Co., 38 S Dearborn, Chicago, Ill.
Hilgartner Marble Co., So. Sharp & Ostend, Baltimore, Md.
Jackson C. D. & Co. (Imp.), 105th & E R, New York
Pisani Bros., 815 Vernon av, Astoria (Borough of Queens, New York)
Musto Jos. Sons-Keenan Co., 535 North Point, San Francisco, Cal.
Schlichter P. M. & W., 636 1st av, New York
Taber & Co., 1 Hudson, New York
Temple Bros., Rutland, Vt.
Tompkins Kiel Marble Co. ("Eastman's," Cream, Green & White), 505 5th av, New York
Vermont Marble Co., Proctor, Vt.

9584-5— Marbles (Playing)

Akro Agate Co., Clarksburg, W. Va.
Allbright & Lightcap, Ravenna, O.
Christensen M. F. & Son, Akron, Ohio
Johnston & Sharp Mfg. Co. (Hollow Steel), Ottumwa, Ia.
Standard Toy Marble Co. (Toy Marbles), Akron, Ohio

9586—Marine Railway Builders

Crandall Engineering Co. (For Dry Docks) 102 Border, E. B., Boston, Mass.
Devney H. J., Ashtabula, O.
Laird & Sons, Ashtabula, O.
Mead-Morrison Mfg. Co., corner Prescott & Orleans, East Boston, Mass.
New London Marine & Iron Works, New London, Conn.

Marine Railways

See Dry Docks & Marine Railways

9587-8—Markers (Button & Button Hole)

Firsching Jos. A., Utica, N. Y.

Markers (Center)

See Punches, Center

9589— Markers (Clap-Board)

Goodell-Pratt Co., Greenfield, Mass.
Smith Otis A., Rockfall, Conn.
Stanley Rule & Level Co., New Britain, Conn.

9590—Markers (Engine & Tail)

Handlan-Buck Mfg. Co. ("Handlan"), 210-214 N 3rd, St. Louis, Mo.

9591—Markers (Poultry, Cattle Etc.)

Cadwallader Thos. ("Champion" Leg Bands), Salem, O.
Dana C. H. (Ear Tags), West Lebanon, N. H.
Keyes-Davies Co. Ltd. (Car Tags), Battle Creek, Mich.
Wilcox & Harvey (Car Tags), 564-572 W Randolph, Chicago, Ill.

9592— Markers (Stock)

Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Stearns E. C. & Co. (For Punching Live Stock), 450 Oneida, Syracuse, N. Y.

9593— Marline (Tarred)

See also Twines

American Mfg. Co., Noble & West, B'klyn, N. Y.
COLUMBIAN ROPE CO., 3050 Genesee, Auburn, N. Y. *See adv index at end of book*
Hanover Cordage Co., Hanover, Pa.
Peter & Guckenberger, 1205 Budd, Cincinnati, O.

9594— Marquises

American Luxfer Prism Co., 1018 37th, Chicago, Ill.
Chattanooga Roofing & Mfg. Co., Chattanooga, Tenn.
Cincinnati Mfg Co., Cincinnati, O.
See adv index at end of book
Cornell Iron Works, 26th & 11th av, New York
Duluth Corrugating & Roofing Co., Duluth, Minn.
Ellison Brass Mfg. Co., Jamestown, N. Y.
Fiske J. W. Iron Works, 80 Park pl, New York
Flour City Ornamental Iron Works, 27th st & 27th av, Minneapolis, Minn.
GORHAM CO. ARCH'L BRONZE (Bronze) 5th av & 36th, New York
See adv index at end of book
Halsted Jos. Co., 1233 W Randolph, Chicago
Henry-Bonnard Bronze Co. (Bronze & Iron), 20 Exchange pl, New York
Jackson Wm. H. Company (Iron & Bronze), 2 W 47th, New York
Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Mesker Geo. L. & Co., Evansville, Ind.
MEYERS FRED J. MFG. CO., Hamilton, O.
See adv index at end of book
PITT WM. R. COMPOSITE IRON WKS. (Iron & Glass), 221 W 26th, New York
See adv index at end of book
Remppis Wm. F. Co., 226 & 236 Spruce, Reading, Pa.
Republic Structural Iron Works Co., 135 E 53d, Cleveland, O.
Richey, Browne & Donald, Flushing av, Maspeth, N. Y.
Schrieber L. & Sons Co., 3869 Ivanhoe, Cincinnati, O.

MARQUISES—continued
Smith F. P. Wire & Iron Works, 2340-48 Clybourne av, Chicago, Ill.
See adv index at end of book
Smyser, Royer Co., York, Pa.
Sommerville Iron & Bronze Co., 5641 Butler, Pittsburgh, Pa.
Tiffany Studios, 361 Madison av, New York
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
Verdeckberg Iron & Wire Works Co., Denver, Colo.
Vulcan Co., 11 Raynor, Detroit, Mich.
Wells Architectural Iron Co., River av & 151st, New York
West Side Structural Co., Troy. N. Y.
Winslow Bros. Co., 4600 Harrison, Chicago, Ill.
Wisconsin Iron & Wire Wks., Milwaukee, Wis.

9594a—Martingale Rings (Loops & Dies)

Arlington Works ,The (E. I. du Pont de Nemours & Co.), 21 E 40th, New York
Rubber & Celluloid Products Co. (Celluloid), 56 Ferry, Newark, N. J.

9595— Mashers (Potato)

A. & J. Mfg. Co. ("A. & J."), Binghamton, N. Y.
Browne & Dowd Mfg. Co. ("Rapid," Masher & Beater), Meriden, Conn.
Cassady Fairbank Mfg. Co. (Perforated, "Buckeye," Wire Spring, etc), 6126 S La Salle, Chicago, Ill.
Estes E. B. & Con, 364 5th av. New York Mass. *See adv index at end of book*
Goodell Co., Antrim, N. H.
Hamblin & Russell Mfg. Co. ("Crown," etc, Wire), Worcester, Mass.
Minerva Hardware Mfg. Co. ("3-in-1"), Minerva, O.
Morgan Spring Co. (Wire), Worcester, Mass.
See adv index at end of book
National Mfg. Co. ("Natwire"), Worcester, Mass.
Parker Wire Goods Co. (Wire, Wood Handle), Worcester, Mass.
Prouty C. & Co., Eldred, Pa.
Walker C. S. & Co. ("Quick & Easy"), 656 W 12th, Erie, Pa.
QUADRIGA MFG. & SPECIALTY CO. ("Chef," Machine for Hotels, etc), 213 W Grand av, Chicago, Ill.
See adv index at end of book
Standard Aluminum Co. (Aluminum), Two Rivers, Wis.
Streeter N. R. & Co. ("Sensible"), Rochester, N. Y.
Taplin Mfg. Co., New Britain, Conn.
Timberlake J. B. & Sons (Steel Wire), Jackson, Mich.
Wire Hardware Co., 6126 S La Salle, Chicago, Ill.
Wire Woods Co. (Wire), Worcester, Mass
Woods-Sherwood Co. (Wire, Wood Handle), Worcester, Mass.

9596—Mashers (Potato, Wooden)

Chapman-Sargent Co., Perrysburg, O.
Peirce W. E. & Co., Milford, N. H.
Richardi & Bechtold, Bellaire, Mich.
Sommer John Faucet Co., 355 Central av, Newark, N. J.

9597— Masks (Base Ball)

Chicago Sporting Goods Mfg. Co., 123 S Jefferson, Chicago, Ill.
Draper Maynard Co., Plymouth, N. H.
Goldsmith's P. Sons, John, Findlay & Charlotte, Cincinnati, O.
Hamblin & Russell Mfg. Co. ("H. & R."), Worcester, Mass.
Jarvis W. B. Co. ("Ty Cobb"), Grand Rapids, Mich.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Parker Wire Goods Co. (Steel Wire), Worcester, Mass.
Peach J. A. ("Peach," Electrically Welded), Gloversville, N. Y.
Rawlings Mfg. Co. ("Rawlings"), 23rd & Lucas av, St. Louis, Mo.
Reach A. J. Co., Tulip & Palmer, Phila., Pa.
Spalding A. G. & Bros., 126 Nassau, New York
Stall & Dean Mfg. Co., Brockton, Mass.
Victor Sporting Goods Co., Springfield, Mass.
Walker C. S. & Co. ("Quick & Easy"), 656 W 12th, Erie, Pa.
Western Sporting Goods Mfg. Co., 126 N Union av, Chicago, Ill.
Wright & Ditson, 344 Washington, Boston, Mass.

9598— Masks (Fencing)

Morgan Spring Co., Worcester, Mass.
See adv index at end of book

Masons' Leads

See Plumb Bobs

Masons' Lines

See Chalk & Masons' Lines

Masons & Builders

See Contractors, Building & General

9599—Masons' & Builders' Materials

For Manufacturers, Consult Index of Contents for Specific Article Required

ALABAMA.

BESSEMER—Edwards G. B. Lumber Co.
BIRMINGHAM—Baldwin J. Frank
Barnett Lumber Co.
Byrum Hardware Co.
Carolina Portland Cement Co.
Kirkpatrick Sand & Cement Co.
Woodlawn Supply Co.
HUNTSVILLE—Booth A. M.
Huntsville Lumber & Mfg. Co.
LONGVIEW—Longview Lime Works
MOBILE—Mobile Coal Co.
MONTGOMERY—Alabama Lumber Co.
Kennedy Co.
Montgomery Lime & Cement Co.
Southern Building Supply Co.
SHEFFIELD—Marks H.

ARIZONA.

DOUGLAS—Douglas Lumber Co.
PHOENIX—Ryder H. W.
TUCSON—Tucson Lumber Co.

ARKANSAS.

HELENA—Carvell Herman & Co.
JONESBORO—Barton Lbr. & Brick Co.
Stuck C. A. & Sons
LITTLE ROCK—Arkansas Brick & Mfg. Co.
Leiper G. A. & Co.
OLIVER—Thomas-Huycke Co.

CALIFORNIA.

ALAMEDA—Rhodes Jamieson Co.
BAKERSFIELD—Pioneer Mercantile Co.
BERKELEY—Foss F. W. Co.
DALY CITY—Smith Hugh H.
EUREKA—Bayside Lumber Co.
FRESNO—Pierce C. S. Lumber Co.
Valley Lumber Co.
LOS ANGELES—Atlas Mixed Mortar Co.
Ganahl C. Lumber Co.
Grand Canyon Lime & Cement Co.
Los Angeles Lime Co.
Southern California Lime & Cement Co.
Union Lime Co.
Waterhouse Co.
Western Commercial Co.
PASADENA—Blinn L. W. Lumber Co.
Kerckhoff-Cuzner Lumber Co.
PETALUMA—Kahn A.
RED BLUFF—Holt & Gregg Co.
SACRAMENTO—Kreuzberger Bartie
SAN DIEGO—Bailey W. J. Co.
Schirm J. S. Commercial Co.
SAN FRANCISCO—Builders' Supply Depot, 42 Eighth
Building Material Co., Monadnock bldg
Cassaretto John, 345 Berry
Civic Center Supply Co., 603 Octavia
Cowell Henry Lime & Cement Co., 2 Market
Dempster & Son, Merchants Exch bldg
Dolan Daniel J., 1643 Market
Fernald Co., 221 Tehama
Gillon Edward E., 3944 Geary
Holmes Lime & Cement Co., Postal Tel. bldg
Kees Metal Bldg. Specialties Co., Phelan bldg
Lennon James E. Lime & Cement Co., 352 Church
McGarvey Ulrich A. (Materials-Specialties-Utilities)
McNear Brick Agency, Monadnock bldg
Pacific Portland Cement Co., Cons'd Pacific bldg
Pacific Lime & Plaster Co., Monadnock bldg
Pacific Portland Cement Co., Cons'd Pacific bldg
United Materials Co., 618 Mission
Valley Lumber Co., 110 Market
Western Builders' Supply Co., 155 New Montgomery
Western Fuel Co., 430 California
Western Lime & Cement Co., Postal Telegraph bldg
SANTA ANA—Pendleton Lumber Co.
SANTA BARBARA—Union Mill Co.
SANTA ROSA—Berka F.
STOCKTON—Hammond & Yardley
WATSONVILLE—Pajaro Valley Mercantile Co.

COLORADO.

ASPEN—Tomkins Lewis H. Hardware Co.
DENVER—Barrows Geo. A. Lime Co.
Cement & Lime Products Co.
Colorado Lime & Fluxing Co., 321 McPhee
Fisher Francis J., 2363 Blake
Fleming Bros. Co.
Hallack & Howard Lumber Co.
McPhee & McGinnity Co.
Rocky Mountain Fuel Co., Foster bldg
Threewit Benj. F.
LEADVILLE—Harvey John Fuel & Feed Co.
Williams Lumber Co.
PUEBLO—Newton Lumber & Investment Co.
RED CLIFF—Fleming Lumber & Merc Co.
ROCKY FORD—English R. W. Lumber Co.
TRINIDAD—Davis O. L. Lumber Co.

CONNECTICUT.

BERLIN—Merwin C. P. Brick Co.
BRIDGEPORT—Burns Co.
Hannan F. H. Supply Co.
Miller Frank Lumber Co.
Silliman & Godfrey Co.
Wheeler & Howes
BRISTOL—Judd Coal Co.
Saxton & Strong
BROOKFIELD—New England Lime Co.
DANBURY—New England Lime Co.
Osborne A. C.
Peck-Burkett Lumber Co.
DANIELSON—Young Bros.
GREENWICH—Brush Joseph
Maher Bros. Corp.
HARTFORD—Billings Sidewalk & Coal Co.
Putnam H. E.
JEWETT CITY—Chapman & Tripp
LAKEVILLE—Spurr E. W. Co
MERIDEN—Lines H. Wales Co.
Lyon & Billard Co.
MIDDLETOWN—Davis L. O. & E. S.
MILFORD—Smith D. E.
NEW BRITAIN—City Coal & Wood Co.
Damon W. L. Co.
Hibbard B. H. Co.
NEW CANAAN—Weed & Duryea Co.
NEW HAVEN—Atwater W. J. Co.
Conn. Adamant Plaster Co.
Howard Co.
Jordan Co.
New England Stone Co.
Warner-Miller Co.
NEW LONDON—Marquardt Bros.
NEW MILFORD—Beach C. M. Co.
Soule Turney
NORWALK—Bishop & Lymes
NORWICH—Chappel Edw. Co.
Peck, McWilliams & Co.
PORTLAND—Strong & Hale Lumber Co.
PUTNAM—Fox Jno. O. & Co.
Kinney Myron & Son
Wheaton Building Lumber Co.
ROCKVILLE—Hill Geo. W.
ROXBURY STATION—Hodge A. L. & Son
SEYMOUR—Beach A. Y.
SHELTON—Clark D. N.

SOUTHINGTON—Southington Lumber & Feed Co.
SOUTH NORWALK—Hatch & Bailey Co.
Hubbell, Hall & Randall Co.
Meeker Coal Co.
SOUTHPORT—Northrop Bros.
STAMFORD—Bounty A. E. Co.
Stamford Masons' Supply Co.
TORRINGTON—Hotchkiss Bros. Co.
Torrington Building Co., Inc.
WALLINGFORD—Gallagher Bros.
WATERBURY—Bergen E. & Sons
Chatfield Geo. S. Co.
Chatfield & Chatfield
Gaffney John W. & Son
McManus Edw.
Tracy Bros. Co.
WATERTOWN—Atwood C. W.
Hitchcock Hardware Co.
WILLIMANTIC—Hillhouse & Taylor
Lincoln & Boss Lumber & Coal Co.
Willimantic Lumber & Coal Co.
WINDSOR LOCKS—Bidwell F. S. Co.
WINSTED—Bronson Bros.
Burwell J. C.

DELAWARE.

GEORGETOWN—Thoroughgood Co.
NEW CASTLE—Eliason J. T. & L. E.
NEWPORT—Justis J. G. Co.
WILMINGTON—Conly Bros., Front & Madison
Pyle Victor R. Co., Market & D
Warner Chas. Co. (Lime Mfrs., Wholesale & Retail), I. O. O. F. bldg.

DISTRICT OF COLUMBIA.

WASHINGTON—Barker Geo. M., 649 New York av, N W
Cranford Paving Co., 2620 E, N W
Hartig Louis 1001 7th N W
National Mortar Co., 1st & M, N E

FLORIDA.

DAYTONA—Maley R. S.
EAU GAILLE—East Coast Lumber & Supply Co.
EUSTIS—Clifford G. D.
GAINESVILLE—Baird Hdw. Co.
JACKSONVILLE—Baker & Holmes Co.
Carolina Portland Cement Co.
Gill & Mulholland
Jacksonville Concrete Co.
Logan Coal & Supply Co.
Marshall & Spencer Co.
KEY WEST—Curry's Wm. Sons Co.
MIAMI—McDonald J. A. Co.
ORLANDO—Bumby Jos. Hardware Co.
PALATKA—Kennerly Hdw. Co.
Merryday Grocery Co.
PENSACOLA—Cary & Co.
ST. AUGUSTINE—Hamblen C. F.
ST. PETERSBURG—McCrea W. S. & Son
SANFORD—Fernald Geo. H. Hardware Co.
TAMPA—Knight & Wall Co.
Phillips I. W. & Co.
WEST PALM BEACH—Dade Lumber Co.
Lainhart & Potter

GEORGIA.

ATHENS—Athens Hardware Co.
ATLANTA—Carolina Portland Cement Co.
Kriegshaber V. H. & Son
Randall Bros. Peters bldg.
Sciple Sons
AUGUSTA—McDaniel A. H.
Peoples Lumber & Supply Co.
Toole W. B.
BISHOP—Fambrough Porter Co.
BRUNSWICK—Coney & Parker Co.
CARTERSVILLE—Ladd Lime & Stone Co.
CEDARTOWN—Hall & Barr
COLUMBUS—Beach Wm. Hardware Co.
Bush C. P. Hardware Co.
Cooper Lumber Co.
Dudley Sash, Door & Lumber Co.
Elledge & Norman Marble Co.
Harvey W. T. Lumber Co.
COMER—Gholston Bros.
COMMERCE—Commerce Brick & Lumber Co.
CONYERS—Still W. R.
CORDELE—Cordele Sash, Door & Lumber Co.
Hutchinson Lumber & Supply Co.
CORNELIA—Ellard W. B.
CRAWFORDSVILLE—Golucke C. H. & Son
DALTON—Cherokee Mfg. Co.
Farrar Lbr. Co.
DAVISBORO—Aldred A. R. & Son
DAWSON—Shields-Geise Lumber Co.
DEXTER—Kennedy Jerome
DUBLIN—Robinson & Ray Lumber Co.
DULUTH—Lowe & Jones
DUNWOODY—Copeland L. E. (Est.)
FITZGERALD—Bryant Geo. H. & Son
Graham F. M. & Co.
FLOVILLA—Linch T. O.
HARALSON—
HARTWELL—Alford D. C.
HAWKINSVILLE—Blount J. J.
LA GRANGE—Pike Bros. Lumber Co.
LAWRENCEVILLE—Ambrose J. A.
LITHONIA—Almand A. J.
McDONOUGH—Carmichael Lumber Co.
MACON—Builders' Lumber & Supply Co.
Burke T. C.
Central Mfg. Co.
Elder W. F. Lumber Co.
Massee & Felton Lbr. Co.
Wilder's R. C. Sons Co.
Willingham Sash & Door Co.
MANCHESTER—Corley J. P. Lumber Co.
MILLEDGEVILLE—Walker W. A. & Co.
MILNER—Warde P. T.
MORROW—Mitchell P. E.
MOUNTVILLE—Fuller J. D.
ROME—Marshall Mfg. Co.
ROYSTON—Jordan R. P. & Son
SASSER—Varner J. M.
SAVANNAH—Builders' Mutual Supply Co.
Butler J. G. Builders' Supply Co.
Gallaher Louis Co.
General Building Supply Co.
Neal-Blun Co.
STATESBORO—Franklin A. J.
THOMASVILLE—Dillon J. W.
Evans & Son
THOMSON—Kendrick J. H. & M. B.
WARRENTON—Morris J. T.
WAYNESBORO—Herrington C. L.
WESTPOINT—Batson-Cook Co.
WINDER—Young W. E.
WOODSTOCK—Robertson J. T.
WRIGHTSVILLE—Jenkins U. R.

HAWAII.

HONOLULU—Lewers & Cooke (Ltd.)

IDAHO.

BOISE—Ridenbaugh W. H.

ILLINOIS.

ALEDO—Carroll Guy H.
ALTON—Miller Lime & Cement Co.
AURORA—Aucutt Bros.
Brown H. D. & Co.
Dalton J. D. & Son
Hanna & Todd
McCredie James
Seamans S. D.
White & Todd
BARRINGTON—Lageschulte & Hager
Lamey & Co.
BATAVIA—Alexander Lumber Co.
Barker W. P.
BEAVERVILLE—Lambert H. Co.
BELLEVILLE—Bien & Peters
Reeb Bros.
BELVIDERE—Wright O. H. & Co.
BEMENT—Wilkinson A. L. & Co.
BLOOMINGTON—Harwood W. S. Lumber & Coal Co.
Parker Bros.
White Sam'l R. Mfg. Co.
BUSHNELL—Simpson James C. & Co.
CAIRO—Halliday H. H.
Langan P. T. Lumber Co.
CARLINVILLE—Woodward C. T.
CARROLLTON—Widdowson J. M.
CARTHAGE—Helfrich N. J. & Co.
Lyon W. E. & Co.
CATLIN—Jones A. Sons
CHAMPAIGN—Stipes & Hecker
CHANDLERVILLE—Goodell Skiles Lumber Co.
CHARLESTON—Fuller Bros.
CHATSWORTH—Walter Geo. J.
CHICAGO—Artesian Stone & Lime Works Co., Grand & Campbell avs
Atlas Portland Cement Co. (Mfrs.), 134 N La Salle
Blocki-Brennan Refining Co., 11 N La Salle
Bonner & Marshall Brick Co., 133 W Washington
Bos John N. Sand Co. (Sand), 118 N La Salle
Calumet Coal & Teaming Co., 9022 Commercial av
Carpenter Geo. T. (Sewer Pipe, etc), 1001 S Karlov av
Chicago Fire Brick Co., 133 W Washington
Chicago Portland Cement Co. (Cement Mfrs.), 30 N La Salle
Chicago Union Lime Works Co., 1900 W 19th
Chicago & Oak Park Supply Co., 637 Desplaines av, Forest Park
Dee Wm. E Co. (Sewer Pipe), 30 N La Salle
Dolese & Shepard Co., 108 S La Salle
Druecker N. J. & Co., 2634 N Artesian av
Frerk Henry Sons, 3135 Belmont av
Garden City Sand Co., Chamber of Commerce bldg
German American Portland Cement Works (Cement Mfrs.), 140 S Dearborn
Lake Building Material Co., 2144 W 47th
Longwell Teaming & Storage Co., 2245 Lumber
McLaughlin Bldg. Material Co., 29 S La Salle
Marblehead Lime Co., 159 N State
Meacham & Wright Brick Co. (Cement), 133 W Washington
Moustgaard M., 2016 N Kostner av
North West Material Co., 3690 Milwaukee, W
Paul D. W. & Co., 11842 Parnell av
Raschke O. F., 3600 S Winchester av
Richardson Sand Co., 6647 Ridge av
Rockwell Lime Co., 133 W Washington
Rosing Astrid S., 111 W Monroe
Standard Material Co., 607 W 66th
Stearns Lime & Stone Co., 160 W Randolph
Templeton Lime Co., 1019 N Homan av
Thomas Moulding Brick Co., 1203 Chamber of Commerce
See adv index at end of book
Tobin T. M. & Bros. Co., 9326 S Chicago av
Tuthill Building Materia' Co., 131 W 63d
Universal Portland Cement Co. (Mfrs.), 208 S La Salle
Viall O. A., 11820 S Union av
Waukesha Lime & Stone Co., 1755 Monticello av
Williams N. A. Co. (Sewer Pipe, etc), 133 W Washington
Wisconsin Lime & Cement Co., 133 W Washington
CHICAGO HEIGHTS—Leising Jos. F. & Co.
CICERO—Cicero Fuel & Building Material Co.
CLINTON—Kent E. & Co.
DANVILLE—Danville Lime & Cement Co,
Hill Frank L.
Holden N. E.
Swisher S. P.
Trent Bros.
DECATUR—Decatur Bldrs.' Supply Co.
Decatur Lumber & Mfg. Co.
Lyon G. S. & Sons Lumber & Mfg. Co.
McGavic Lumber Co.
Macknet Dan. C.
Swisher L. Lumber Co.
DIXON—Wilbur Lumber Co.
EAST ST. LOUIS—Acme Cement Plaster Co., Weber & Southern R. R.
Flannery P. & Son, State & Belt Line
Hill-Thomas Lime & Cement Co.
EDWARDSVILLE—Hotz Lumber Co.
ELGIN—Adams Fred M.
Bosworth F. S. & Son
Geister Bros.
McBride T. & Son
EL PASO—McKinney & Co.
EVANSTON—Evanston Bldg. Matl. Co.
Mathews Jas.
FAIRFIELD—Fairfield Lumber Co.
FLANAGAN—Litchfield Bros.
FREEPORT—Brubaker B. F.
FULTON—Snyder J. C.
GALESBURG—Hinchliff Lumber Co.
Simpson & McClure Lumber Co.
Terry W. E. Lumber Co.
GALVA—Houghton E. W. Lumber Co.
GRANITE CITY—Granite City Lime & Cement Co.
GRAYSLAKE—Wilbur F. C., Lumber Co.

ILLINOIS—continued
GREENFIELD—Entrekin J. H.
GREENVIEW—Tripp Bros.
HAMPSHIRE—Kirchoff Bros.
HARVARD—Hall W. D.
Lake-Harris
HIGHLAND PARK—Middleton & Clark
HIGHWOOD—Highwood Mfg. Co.
HINCKLEY—Pogue Lumber Co.
HOOPESTON—Illinois Lumber, Grain & Coal Co.
HUME—Lyons Lumber Co.
JACKSONVILLE—Andrews Bros.
JOLIET—Buck Werden
Hayes A. W.
Patterson T. H. (Est. of)
KANKAKEE—Kankakee Tile & Brick Co.
Ruhle Christian
KEWANEE—Johnston Lumber Co.
KEYESPORT—Langham Wm.
LANARK—Wilbur Lumber Co.
LA SALLE—Eliott Hayden & Co.
Hunter, Stevens & Co.
LEMONT—Derby S. L.
LINCOLN—Spellman & Co.
LOAMI—Baker George W.
McLEAN—Dodgson L. P. & Son
MENDON—Nutt Walter J. Lumber Co.
METROPOLIS—Gibbons A. J.
MILFORD—Jones Bros.
MINONK—Kipp A. B. & Co.
MOLINE—Mueller Lumber Co.
Wood's Beder Sons Co.
MONMOUTH—McCullough Lumber & Coal Co.
MONTICELLO—Lodge W. F.
MORRISON—Potter M. H. & Sons
MOUNT CARROLL—Rhodes Bros.
MOUNT MORRIS—Clevidence A. E.
NASHVILLE—Weihe W. O.
NEWMAN—Thomas H. L.
NORTH CRYSTAL LAKE—Wilbur Lumber Co.
OAK PARK—Davis W. G. Coal Co.
Suburban Coal & Supply Co.
PARIS—Risser A. & Co.
Logan John A. & W. B.
Logan William S.
Propst Lumber Co.
PEKIN—Conklin Reuling Co.
Lampitt Ed. F.
PEORIA—Mackemer J. W. & Co.
Miller Jos. & Sons
Peoria Builders' Supply Co.
Peoria Fuel Co.
Wasson T. J.
PERU—Maze W. H. Co.
Zimmermann Christian & Co.
PONTIAC—Smith F. N.
PORT BYRON—Port Byron Lime Ass'n
PRINCETON—Davis & Hopkins Lumber Co.
QUINCY—Heidemann Lumber Co.
Meyer W. D.
Quincy Lumber Co.
ROCK FALLS—Johnston Lumber Co.
Smith & Grater
ROCKFORD—Bartlett A. L. Co.
Hart & Page
Parsons Lumber Co.
Rockford Builders' Supply Co.
Rockford Lumber & Fuel Co.
Safford G. N. & Co.
Skandia Coal & Lumber Co.
ROCK ISLAND—Mueller Lumber Co.
Port Byron Material & Fuel Co.
Rock Island Sand & Gravel Co.
SANDWICH—Lindner P. S. & Co.
Mosher & Castle
SPRINGFIELD—Irwin H. C.
Schuck J. H. & Son
Vredenburgh Peter Lumber Co.
STERLING—Dillon Moses Co.
Simpson J. C. & Co.
Stoeckle W. A.
STREATOR—Ames J. C. Lumber Co.
Anthony Mark
Schlachter Phillips, Jr.
Streator Lumber Co.
Williams Hardware Co.
SYCAMORE—Holcomb Bros.
North Side Lumber Co.
URBANA—Huff S. E. & Co.
Stipes & Hecker
UTICA—Utica Hydraulic Cement Co.
VERMILION—Hornberger J. A. & Son
WARREN—Taylor C. F.
WATERMAN—Pogue Lumber Co.
WHEATON—Sutcliffe's John Sons
Wheaton F. E. & Son
WOODLAND—Anderson James E.

INDIANA.

ALEXANDRIA—Brannum Lumber Co.
ANDERSON—Bailey J. W. & Co.
Vernon E. G. & Son
ANGOLA—Shank Daniel Lumber Co.
AUBURN—Auburn Lumber Co.
Brandon Lumber Co.
BLOOMINGTON—Bloomington Coal Co.
Hughes Bros. Co.
BOONVILLE—White C. P. Lumber Co.
BRAZIL—Halsted J. N. Lumber Co.
BROOK—Brook Building & Supply Co.
BROOKVILLE—Masters J. H. & Son
CARLISLE—Risinger Thomas
CICERO—Cicero Lumber Co.
COLUMBIA CITY—Kessler S. E.
COLUMBUS—Dunlap & Co.
Hege & Co.
CRAWFORDSVILLE—Binford Joseph & Sons
DECATUR—Kirsch, Sellemeyer & Sons Co.
EARL PARK—Wilbur Lumber Co. (See Milwaukee, Wis.)
EAST CHICAGO—Flack Bros.
ELKHART—Consumers Coal & Supply Co.
Godfrey B. C. & Sons
Sanders Coal Co.
ELWOOD—Winters Lumber Co.
EVANSVILLE—Baird's L. M. Sons
Lensing Bros.
Sonntag Geo. W.
FAIRMOUNT—Mercer, Brannun & Bevington Co.
FORT WAYNE—Baltes E. M. & Co.
Fort Wayne Builders' Supply Co.
Moellering's Wm. Sons
FRANKFORT—Archey Brant Coal Co.
Kramer Bros. Co.
Morris Wm. G. & Bro.
GOSHEN—Davis C. A. & Son
Neidig Chas. E.
GREENSBURG—Pulse & Porter
GUILFORD—Taylor T. S.
HAMLET—Dye Lumber Co.
HAMMOND—Beckman Supply Co.
Bieker Bros. Co.
City Fuel & Supply Co.
HEBRON—Wilson John
HOBART—Shearer & Emery
HUNTINGTON—Ohio & Western Lime Co.
INDIANAPOLIS—A. & C. Stone & Lime Co., 17 N Pennsylvania
Aldag F. W. Co., E Washington & Belt
Bennet W. S. & Co., 30th & L. E. & W. Ry
Builders' Supply Corporation, 342 E Washington
Consolidated Indiana Coal Co., 404 Term. bldg
Day W. Curtis, Fletcher Sav. & Trust bldg
Dell Frank M., S E cor Cruse & Southeastern av
General Builders Supply Co.
Goepper Fred, W Michigan & C. I. & W. R. R.
Indianapolis Coal Co., 234 Newton
Indianapolis Mortar & Fuel Co., 407 Odd Fellow
Irvington Coal & Lime Co., 5643 Bonna av, Irvington
Keeport A. B. & Co., N Senate av
Master Builders Co., Merchants Bank bldg
Meyer A. B. & Co., 17 N Penn
Vonnegut Hardware Co. (Roofing & Paper), 120 E Washington
Wilkinson Allen A. Lumber Co.
KNOX—Long-Thompson Co.
KOKOMO—Ellis Bros.
Kokomo Hardware Co.
Tate Geo. D. & Son
LAFAYETTE—Lyman Harry B.
LA GRANGE—Stroup P. N. & Co.
LAPORTE—Moore & Richter Lumber Co.
Van Kirke John P.
Wilson W. Lumber Co.
LAWRENCEBURG—Barrott E. & Son
Lawrenceburg Lumber Co.
LEWISVILLE—Smith R. R. Sons
LINTON—Wilkinson Allen A. Lumber Co.
New Union Lumber Co.
LOGANSPORT—Barnes Jas. I.
Dilley Clinton L. Co.
Stalnaker W. S.
LOWELL—Wilbur Lumber Co.
MADISON—Miller W. H. & Sons
MARION—Byrd Lumber Co.
Contractors' Supply Co.
Marion Hardware Co.
Simpson William S.
Southall Geo. A. & Co.
MARTINSVILLE—Rutledge Hugh E.
MICHIGAN CITY—Gotto O. W.
Michigan City Lumber & Coal Co.
MITCHELL—Mitchell Lime Co.
MONROE—Berne Lumber Co.
MORGANTOWN—Mitchell W. H.
MUNCIE—Holderfield Supply Co.
Muncie Builders' Supply Co.
NEW ALBANY—Slider E. T.
NEW HAVEN—New Haven Lumber & Supply Co.
NORTH LIBERTY—North Liberty Lumber & Coal Co.
NORTH VERNON—N. V. Lumber Co.
PERU—Goodall J. B. & Sons Co.
Peru Lumber Co.
Wilkinson Pomeroy
PETERSBURG—Drof Peter
PLYMOUTH—Morris C. L.
O'Keefe Lumber Co.
POSEYVILLE—Cushman W. D.
RENSSELAER—Day Hiram
Rensselaer Lumber Co.
RICHMOND—Hackman, Klehfoth & Co.
Jones Hardware Co.
Mather Bros. Co.
ROCHESTER—Barcus G. F.
ROCKFIELD—Van Gundy & Thomas
ROCKPORT—Partridge C. M. & W. A.
ROCKVILLE—Dooley Hardware Co.
Roach Wm.
ROSEDALE—Ferguson & Hunt
SHELBYVILLE—Parrish J. O. Lumber Co.
SHERIDAN—Palmer George H.
SOUTH BEND—Defrees C. H.
Eckler Henry Mfg. Co.
Lontz S. C. & Sons
McErlain & Jackson Co.
Staples-Hildebrand Co.
SOUTH WHITLEY—Lee Geo.
SUMMITVILLE—Cartwright Thomas Edgar
TERRE HAUTE—Acme Coal & Lime Co.
Bray Bros.
Reiman Lime & Cement Co.
TOPEKA—Priest J. W.
UNION CITY—Fisher S. J.
Haselmire John J.
Interstate Building Material Co.
VALPARAISO—Dille & Harris
McFetrick Lumber & Coal Co.
VEVAY—Detraz Bros.
VINCENNES—Bosworth M. A. Lumber Co.
WABASH—Smith Hubbard Lumber Co.
Yarnelle Lumber & Coal Co.
WANATAH—Pash Martin
WARREN—Cline Lumber Co.
WINGATE—Hunter W. H.

IOWA.

ACKLEY—Frudden Lumber Co.
BURLINGTON—Berhard Mercer Co.
Phillips Lime & Coal Co.
Rand Lumber Co.
CEDAR RAPIDS—Fulkerson J. C.
Hawkeye Lumber & Coal Co.
Iowa Stone Co.
King's Crown Plaster Co.
Linn County Lumber & Coal Co.
CHARITON—Stewart G. J. & Co.
CHEROKEE—Weart & Lysaght Co.
CLARINDA—Richardson G. W.
COLUMBUS JUNCTION—Reaney & Eliason
COUNCIL BLUFFS—Bluffs City Lumber & Coal Co.
Hafer C. Lumber Co.
Hoagland Geo. A.
Quinn H. A. Lumber Co.
CRESTON—Green Bay Lumber Co.
DAVENPORT—Abel Lime & Cement Co.
Block W. G. Co.
Builders' Lime & Cement Co.
Davenport Granitoid Co.
Denger Bros.
Interstate Material Co.
McCosh & Co.
Mueller Lumber Co.
Seiffert H. O. Lumber Co.
DES MOINES—Cram Frank & Sons
Des Moines Building Material Co.
Des Moines Fuel & Lime Co.
Green Bay Lumber Co.
Jewett Lumber Co.
FAIRFIELD—Cable G. W., Jr.
FORT DODGE—Citizens' Lumber Co.
Conway Lumber Co.
Mason & O'Connell
Williams E. H. Lumber Co.
IOWA CITY—Leinbaugh W. F.

IOWA FALLS—Miller-Lampert Co.
KEOKUK—Cameron's Jas. Sons
McNamara's J. Sons
Mississippi Coal & Ice Co.
LE MARS—Moore M. A. Co.
LYONS—Disbraw M. A. & Co.
Joyce Lumber Co.
MARSHALLTOWN—Buchwald Chas. A. Lumber Co.
Cartwright T. C.
Citizens Lumber Co.
Gregory Coke Coal & Lime Co.
NEW HAMPTON—Bigelow & Donovan
NEWTON—Jasper Lumber Co.
OSKALOOSA—Gilchrist M. D.
OTTUMWA—Tisdale Lumber Co.
SIOUX CITY—McNeil H. C. & Son
Queal J. H. & Co.
Webb Bros Co.
SPENCER—Floete Lumber Co.
WATERLOO—Bartlett & McFarlane
Bryant W. A. & Sons Co.
Canfield Lumber Co.
Chapman C. W. Lbr. Co.
Moore & Moore
Shepherd Lumber Co.
Waterloo Lbr. Co.
WEBSTER CITY—Young & Clifton
WEST UNION—Graham & Schenck

KANSAS.

ATCHISON—Carlisle-Pennel Lumber Co.
CLEBURNE—Toburen & Co.
ELLSWORTH—Lake Superior Lumber Co.
EMPORIA—Emporia Lumber & Coal Co.
FULTON—Fulton Lumber Co.
HANOVER—Thiele E. W.
HAYS—Schwaller's C. Sons
HOLTON—Brown & Hedge
HUMBOLDT—Osborn J. H. Lumber Co.
HUTCHINSON—Hutchinson Lbr. & Planing Mill Co.
Kansas Lumber Co.
White L. J. Lbr. Co.
IOLA—Klein Paul
Northrup Lbr. Co.
JUNCTION CITY—Geary County Lumber Co.
Moses, Geo. C. & Son
KANSAS CITY—Badger Lumber Co.
Wyandotte Coal & Lime Co.
LEAVENWORTH—Geiger A. M. Cement Co.
McPHERSON—Lake Superior Lumber Co.
Sudendorf H. H.
NESS CITY—Daniel F. W.
NEWTON—Newton Lumber Co.
Swartz S. M. Lumber Co.
OBERLIN—Foster Lumber Co.
OTTAWA—Halloren J. Lumber Co.
Harris M. R.
PARSONS—Clark & Bates Lumber Co.
PHILLIPSBURG—Smith Theo. & Son
SALINA—Eberhardt Lumber Co.
Leidigh & Havens Lumber Co.
Sudendorf H. H.
STERLING—Fair D. J. Lumber Co.
TOPEKA—Thomas J. & Son
VALLEY FALLS—Legier, Mell & Son
WALTON—Moorhead A. R.
WAVERLY—Star Grain & Lumber Co.
WICHITA—Turner J. H.

KENTUCKY.

ASHLAND—Ashland Cement Construction Co.
Ohio Valley Mill & Supply Co.
COVINGTON—Kenton Supply Co.
Spinks T. W. Co.
DAYTON—Walter Anton Supply Co.
GLASGOW—Dickinson Bros.
LEXINGTON—Des Cognets Louis & Co.
Hendricks-Moore-Young Co.
Justice F. T. & Co.
LIVERMORE—Atherton G. W.
LONDON—London Mfg. Co.
LOUISVILLE—Bannon P. Pipe Co.
Kentucky Wall Plaster Co.
Speed J. B. & Co.
Union Cement & Lime Co.
MADISONVILLE—Ruby Lumber Co.
NEWPORT—Allen M. M. Supply Co.
OWENSBORO—Guenther Hardware Co.
PADUCAH—Barry & Henneberger
Katterjohn F. W. Cons. Co.
SHELBYVILLE—Gruber & Doss
Hall & Chowning
Hall & Crume
VANCEBURG—Cox John & Son
VERSAILLES—Berryman C. M.
Wooldridge Bros.

LOUISIANA.

BOGALUSA—Bogalusa Mill & Supply Co
BREAUX BRIDGE—Begnaud J. W.
BUNKIE—Haas W. D. & Co.
DONALDSONVILLE—Lemann B. & Bro
HAMMOND—Spencer L. D.
JENNINGS—Clarke Chas. A.
LAFAYETTE—Mouton Lumber Co.
LECOMPTE—Wiley E. W., Jr.
MONROE—Monroe Grocer Co. (Ltd.)
Monroe Hardware Co., Ltd.
Southern Grocer Co. (Ltd.)
MORGAN CITY—Dalton Jno. Co. (Ltd.)
Loeb Leopold & Sons
NEW ORLEANS—Carolina Portland Cement Co., Clara & Erato
Clarke J. J. Co., Ltd., 1111 Julia
Demourelle Jas. & Sons, 1035 Tolouse
Feitel Maurice, 3722 Tulane av
Ford F. Codman, 738 Union
Garnier Emile, 1601 N Robertson
Jahncke Fritz, 814 Howard
Judlin Peter, 2331 N Ramport
Kearny J. Watts & Sons, 514 S Peters
Kracke & Flanders Co., 819 Julia
Prados Henry J. & Son, 1426 Hospital
Roca Joseph V. Lumber & Hardware Co., 1533 Carondelet Wlk
Thompson Edward, 916 Thayer
Tupper Allen, 625 S Peters
Woodward, Wight & Co. Ltd., Howard av & Constance
Zimmermann Building Specialty Co., (Ltd.), 2131 Magazine
SHREVEPORT—Allen Mfg. Co. (Ltd.)
Ardis & Co. (Ltd.)
Builders Supply Co.
Henderson W. K. Iron Works & Supply Co.
Hicks Co. (Ltd.)
Lee Hardware Co. (Ltd.)

MAINE.

AUGUSTA—Purinton Bros. Co.
BANGOR—Cassidy Jno. & Son
Dunning R. B. & Co.
Eastern Cement Co.
BATH—Nichols Read Co.
BELFAST—Cooper & Co.
BENTON STATION—Brown, J. E.
BIDDEFORD—Banks Bros.
BLUE HILL—Westcott W. B.
CAMDEN—Camden Lumber Co.
CUMBERLAND MILLS—Goff E. W.
HALLOWELL—Wingate Frank S.
LEWISTON—Hall & Knight Hardware Co.
Hayes J. L. & Co.
OLDTOWN—Dickey H. M.
Old Town Supply Co.
PORTLAND—Chase Charles S. Co.
ROCKLAND—Glover W. H. Co.
Spear F. R.
ROCKPORT—Bryant Edw. Co.
WATERVILLE—Flood Geo. S. & Co.
WESTBROOK—Brooks E. S.

MARYLAND.

ANNAPOLIS—Gardiner W. B. Co.
Martin C. W. Co.
Parlett & Partlett Co.
BALTIMORE—Bullock John S. Lime & Cement Co., 510 Colvin
Clarke Wm. Wirt & Son, Monument & Forest
Eareckson Wm. M., 814 N Stricker
Eastern Supply Co., Phila. rd & 8th
Elenbrok Caroline, 2104 Fkd. av.
Filbert Paving Co., Old Builders' Exchange
Franklin Contracting Co., 1504 W Sara
Gault Wm. A. & Son, 9 E Lexington
Green Robert S., 3232 Frkd. av ext
Hudson Cement & Supply Co., Baltimore, nr 5th av
Maryland Lime & Cement Co. (All Kinds), N E cor Cent & Eastern avs
National Building Supply Co., North av & Oak
N. Eastern General Supply Co., Gunther bldg
Spengemann Bros., 304 N Central av
Sunner & Gerlach, 1401 N Regester
Tyler & Seager, 315 N Charles
BEL AIR—McComas Bros.
BROOKLYN—Geis Jno. H. & Co.
EASTON—Dixon Robert B. & Co.
ELLICOTT CITY—Talbott E. A.
FREDERICK—Maryland Brick & Supply Co.
HAGERSTOWN—Cushwa Victor & Sons
HYATTSVILLE—Magruder W. P.
LAUREL—Shaffer C. F. Lumber Co.
Waters Geo. W. Co.
WILLIAMSPORT—Cushwa Victor & Sons

MASSACHUSETTS.

ARLINGTON—Pierce & Winn Co.
ATHOL—Paige C. F. & Co.
ATTLEBORO—Ashley M. F. & Co.
Carpenter Coal & Lumber Co.
BEVERLY—Harrigan John J.
Sprague, Breed & Brown Co.
BOSTON—Berry & Ferguson, 159 Devonshire
Boston Building Materials Co., 370 Albany
Bryant Edw. Co., 23 Central
Curtis & Pope Lumber Co., 774 Albany
Eastern Clay Goods Co., 141 Milk
Fiske & Co., 25 Arch
Hannon F. J., 146 Summer
Harlow William H. & Sons, 95 Pierce
Lash A. F. Co., 25 D
Lewis D. W. Co., 24 Milk
Manson Bldg. Materials Co., 44 Bromfield
Mullen W. B., 166 Devonshire
Norcross W. C. Co., 486 Albany
O'Connell J. P. & Co., 174 Freeport
Portland Stone Ware Co., 49 Federal
Ramsay John W., 161 Devonshire
Rockland & Rockport Lime Co., 45 Milk
Spiers Brick Co., 79 Milk
Starrett, Fields Co., 809 Mass. av
Stetson, Cutler & Co. (Lime), 70 Kilby
Waldo Bros., 45 Batterymarch
Weston W. M. Co., 120 Milk
Windsor Cement Co., 446 Albany
BROCKTON—Mitchell Isam & Co.
CAMBRIDGE—Clark Bros.
Mass. Lime & Cement Co.
CHELSEA—Chelsea Coal & Cement Co.
Phillips & Hodgdon
CLINTON—Fuller Wm. A.
DANVERS—Ropes Bros.
DEDHAM—Fisher, Churchill Co.
FALL RIVER—Borden, Guiney & Kendall Co.
Borden & Remington Co.
Neill J. O. Hardware Co.
Staples Coal Co.
Wilson Jas. H.
FITCHBURG—Dillon D. M. Steam Boiler Wks.
Fitchburg Hardware Co.
FRAMINGHAM—Framingham Coal Co.
Framingham Lumber Co.
Standard Coal Co.
Swan A. D.
FRANKLIN—Metcalf O. F. & Sons
GARDNER—Davis Hardware Co.
Favor Frank M.
GLOUCESTER—Cape Ann Lumber Co.
Grifflin & Co.
Nauss L. B. Sons
HAVERHILL—Chase D. D. Lumber Co.
Taylor-Goodwin Co
HINGHAM—Kimball Geo. E.
Whitney Everett E.
HOLYOKE—Burnham C. G.
Lynch Bros. Brick Co.
O'Connell's D. Sons
Prentiss, Brooks & Co.
Ranger Casper Lumber Co.
HUDSON—Robertson & Larkin
HYDE PARK—Darling F. W. Co.
LAWRENCE—Gage G. L., 263 Common
Lawrence Lumber Co.
O'Mahoney M. Co.
Runnells O. E.
Theberge Bros.
Treat Hdw. & Supply Co.
LEE—Heaphy Wm. A.
LOWELL—Barton Cyrus
Bennett Jno. C.
Cawley Edward
Conners Bros. Co.
Mullin Jos.
Sherman-Moore Co.
Staples Bros.
Sullivan D. T.
Wilson E. A. & Co.
LUDLOW—Burr & Munsing
LYNN—Lamper J. B. & W. A.
Peoples Coal & Masons' Supply Co.
Whittredge W. C. & Co.
MALDEN—Jordan Lumber Co.
Kaulback W. S.
Locke Coal Co.
Malden City Lumber Co.
Neville Thos. J.
MARBLEHEAD—Martin J. S. Co.

MASSACHUSETTS—continued
MEDFORD—Cowin J. N. & Co.
MELROSE—Benson Coal Co.
Goss C. B. & F. H.
MILFORD—Curtiss Harold M. Coal Co.
NANTUCKET—Swain William T. & Co.
NATICK—Robinson & Jones Co.
Whitney E. & Co.
NEPONSET—(See Boston)
NEW BEDFORD—Denault Moses & T. Arthur
Greene & Wood
Paine S. S. & Bro.
Paisler & Willis
NEWTONVILLE—Nonantum Coal Co.
NORTH ADAMS—Burlingame & Darbys Co.
NORTHAMPTON—Bailey A.
Sullivan J. A. & Co.
ORANGE—Orange Hdw. Co.
Potter A. D.
PALMER—Flynt Building & Construction Co.
PITTSFIELD—Gamwell C. C.
Howard Frank
PLYMOUTH—Atwood Anthony
Atwood-Robbins Lumber Co.
Sampson Ernest L.
PROVINCETOWN—Days F. A. & Sons
Dyer B. H. & Co.
QUINCY—Crane F. H. & Sons
Richards A. J. & Son
READING—Bancroft, Wendell & Co.
ROCKLAND—Culver A. Co.
SALEM—Langmaid J. P. & Sons, 311 Derby
Waters & Brown
SHELBURNE FALLS—Newell H. & Co.
SOMERVILLE—Highland Coal Co.
Sparrow E. S. & Co.
SOUTHBRIDGE—Winter G. C.
SPRINGFIELD—Puffer H. C. Co.
Shea T.
Springfield Contractors' Supply Co.
TAUNTON—Presbrey Stove Lining Co.
Sanders Lumber Co.
Staples Coal Co.
TURNERS FALLS—Webster F. I.
UXBRIDGE—Harris William M.
WAKEFIELD—Curley Bros.
Fendel H. A.
Knox W. E.
WALTHAM—Buttrick Lumber Co.
Carney J. Coal Co.
Waltham Coal Co.
WAREHAM—Greer Edwin K.
Gurney Ansel S. & Co.
WATERTOWN—Pevear W. H. & Co.
Watertown Lumber Co.
WESTFIELD—Gladwin & Lane
Mahoney P. J.
WEST NEWTON—Eddy C. F. Co.
WEST STOCKBRIDGE—Grangers Lime Co.
New England Lime Co.
Tobey Lime Co.
WINCHESTER—Blanchard George W. & Co.
WOBURN—Barker Lumber Co.
WORCESTER—Marsh B. F. Co.
Powers Frank E. Co.
Smith, Green Co.
Streeter & Sons Co.

MICHIGAN.

ADRIAN—Matthes Bros.
Stevenson F. A.
ALBION—Gibbs & Sanders
ALPENA—Collins Phelps
ANN ARBOR—Rohde W. H. L.
BANGOR—Broadwell William M.
BATTLE CREEK—Kirkpatrick W. J.
Stiles I. H.
BAY CITY—Chute Coal & Supply Co.
Williams A. S. & Co.
BENTON HARBOR—Robbins W. P.
BESSEMER—Hansen Cornelius
BIG RAPIDS—Sloss Wm. J. & Son
BRIGHTON—Hyne F. T. & Son
CARO—Van Tine G. N.
CARSON CITY—Rockafellow Grain Co.
CASSOPOLIS—Hayden W. B. & Sons Co.
COLDWATER—Pollock S. & Son
COLEMAN—Simons T. B. Mercantile Co.
DEARBORN—Wallace M. B.
DETROIT—Boomer I. E., Forest & Dequindre
Brown & Brown Coal Co., Washington Arcade
Calvert's J. Sons, 145 Griswold
City Concrete & Coal Co., 936 Woodward av
Cooper A. & W., 1318 Gratiot av
Dickinson H. H. Builders Supply Co., 1140 14th av
Gregg Hardware Co., 44 Cadillac sq
Goddard F. H., 520 Franklin
Heames W. E. & Co.
Holmes F. B. & Co., Penobscot bldg
Kennedy J. D. & Co., Dime Bank bldg
Little Chas. H. Co., Dock River Rouge
McGraw Plaster Co., Free Press bldg
Meyer R. M., 3010 Jefferson av W
Michigan Builders Supply Co., Dequindre & Forest
Sibley F. M. Lumber Co., Kercheval & Beaufait
Steffes M. Son, Penobscot bldg
Steinheiser Christian P., 1110 E Grand blvd
Stevens Frederick B., 3rd & Larned
Thomas Bros. & Co., Ltd., Hammond bldg
DOWAGIAC—Bishop Hardware Co.
Judd Wm. F.
EATON RAPIDS—Webster H. P. & Sons
ESCANABA—Nee Coleman
FLINT—Dain & Vermilya M.
Flint Coal Co.
Matthewson Fred G.
Randall Lumber & Coal Co.
FOWLERVILLE—Rounsville F. G.
GRAND LEDGE—Astley T. W.
Doty & Doty
GRAND RAPIDS—Battjes Fuel & Building Material Co.
Boer James
Himes Albert Coal Co.
Home Fuel Co.
Hulst & Van Heulen Fuel Co.
Hyde Albert & Son
Knowlson A. B. Co.
Morman S. A. & Co.
Wykes-Schroeder Co.
HILLSDALE—Aldrich G. A. & Co.
HOLLY—Hudson M. M.
HOUGHTON—Van Orden Matthew Co.
HUDSONVILLE—Hughes B. & T. (Also Saw Mill)
IMLAY CITY—Walker Walter & Co.
IONIA—Page W. C. Wirtz Co.
IRON MOUNTAIN—Holfeltz J. R. Co.
ISHPEMING—Consolidated Fuel & Lbr. Co.
JACKSON—Bartlett J. E. Co.
Lake Robert Co.
Wilcox Stanley
KALAMAZOO—Darling Wm. P.
Dewing & Sons
Sales James A.
LAPEER—Cutting Frank R.
MANISTEE—Buckley & Douglass Lumber Co.
MANISTIQUE—White Marble Lime Co.
MARQUETTE—De Haas N. G. (wholesale jobbers)
MASON—Mickelson Carl P.
MENOMINEE—Lyon Bros.
MONROE—Hurd Geo. R. Co.
Radtke Lumber & Supply Co.
MOUNT CLEMENS—Paganetti J. S. Co.
Ullrich R. C. Hardware Co.
NEW BALTIMORE—Baker William
NILES—Smith C. R.
OTSEGO—Siple George H. & Co.
OWOSSO—Sturtevant & Blood Co.
PAW PAW—Waters H. C. & Co.
PONTIAC—Richmond-Dewey Co.
PORT HURON—Cruickshank A. G.
PORTLAND—Estep Chas. A. & Son
QUINCY—Kinyon E. H.
REED CITY—Welsh & Kerry Co.
SAGINAW—Remer Bros.
ST. JOSEPH—Wallace John Sons Co.
SOUTH ROCKWOOD—Strong John Co.
TRAVERSE CITY—Hannah & Lay Mercantile Co.
TRENTON—Mans Nicholas A.
WALDRON—Abbaduska E. T.
WHITE PIGEON—Driesbach F. C. & Son
WYANDOTTE—Eberts Bros. Co.
YALE—Wharton & Co.
YPSILANTI—Thompson O. E. & Sons

MINNESOTA.

ADRIAN—Becker J. C.
ALEXANDRIA—Page L. A. Lumber Co.
ANOKA—McCauley George A.
BLOOMING PRAIRIE—Solberg A. Lumber Co.
DULUTH—Cutler Magner Co.
Dunlop-Moore Co.
Paine & Nixon Co.
Standard Salt & Cement Co.
LITCHFIELD—Ebjornsson John
MANKATO—Fowler & Pay
MILAN—Anderson T.
MINNEAPOLIS—Citizens' Lumber Co.
Fowler & Pay, Security Bank bldg
Landers, Morrison & Christenson Co., Lumber Exchange
McDonald John F. Lumber Corp., Lumber Exchange
Red Diamond Lumber Co., 1134 Central av
Ross M. W. Lumber Co.
Speakes P. G. Co., 2845 Second av, S
St. Milaire Retail Lumber Co.
United States Gypsum Co., Lumber Exchange
Universal Portland Cement Co., 2d Bank bldg
NEW ULM—Bingham Bros.
NORTHFIELD—Reilly & Lathrop
PELICAN RAPIDS—Stenerson Bros.
ROCHESTER—Dodge Lumber & Fuel Co.
ST. CLOUD—Gruber & Co.
ST. PAUL—Capital City Lime & Cement Co., Starkey & Indiana
Dana Warehouse Co., 271 Snelling av N
Lott K. F. & Co., 101 E 8th
Northwestern Lime Co., Ryan bldg
Pearce J. F. & Son, Ft. Eagle
St. Paul Lime & Cement Co., Ryan bldg
Shakopee Cement Lime Mfg. Co., 220 Chestnut
Spates S. P. & Co.
SHAKOPEE—Schroeder Brick & Lime Co.
STILLWATER—Consolidated Lumber Co.
Kilty Jno. J.
WARREN—Robertson Lumber Co.
WINDOM—Strunk Sherwin Co.
WINONA—O'Dea John
Standard Lumber Co.
Stevenson Coal Co.
Willis H. J.

MISSISSIPPI.

JACKSON—Jackson Lumber Co.
LEXINGTON—McBee Lumber Co.
VICKSBURG—Edwards C. J. Co.
Perry Grain & Cement Co.
YAZOO CITY—Powell J. F. (Est. of)

MISSOURI.

BEVIER—Rowland Bros.
BOONVILLE—Burger Wm.
Lohse M. & Son
BUTLER—Wyatt H. S.
CARTHAGE—Home Lumber Co.
Thomas B. F. Lumber Co.
FARMINGTON—Lang & Bro., Mfg. & Mercantile Co.
Tetley-Klein Lumber Co.
FAYETTE—La Crosse Lumber Co.
FREDERICKTOWN—Fredericktown Lumber Co.
FULTON—Callaway Hardware Co.
HANNIBAL—Hannibal Lime Co.
HOLDEN—Starkey I. (Est. of)
JOPLIN—Chickering H. L.
KANSAS CITY—Badger Lumber Co.
Builders' Material Supply Co., Republic bldg
Clark & Bates Lumber Co., Commerce bldg
Deatherage Ben. S. Lumber Co., 403 R. A. Long bldg
Dickey W. S. Clay Mfg. Co., N. Y. Life bldg
Eadie Building Supply Co., Scarritt bldg
Iola Portland Cement Co., Commerce bldg
Leidigh & Haven Co., R. A. Long bldg
Merrill J. W. Lumber Co., Southwest blvd & Summit
Stephens Supply Co., Bryant bldg
Union Portland Cement, Republic bldg
Westport Lime & Cement Co., 121 W 8th
LEBANON—Lingsweiler J. G. Lumber Co.
LEXINGTON—Moorehead J. R. Lumber Co.
LOUISIANA—La Crosse Lumber Co.
NEOSHO—Briggs Hardware Co.
STE. GENEVIEVE—Ste. Genevieve Lime & Quarry Co.
ST. JOSEPH—Badger Lumber Co.
Biles N. D. & Co.
Doughterty & Moss Lumber Co.
Hesse Building Material Co.
Mannan-Smith Supply Co.
Nold C. H. Lumber Co.
St. Joseph Lumber Co.

ST. LOUIS—Banner Coal & Sand Co., R. I. & Wabash & Euclid
Carthage Marble & White Lime Co., Chouteau & Vendeventer avs
Contracting & Supply Co., 815 Olive
Glencoe Lime & Cement Co., Syndicate Tr. bldg
Hunkins-Willis Lime & Cement Co., Century bldg
Illinois Supply & Construction Co., Wright bldg
Union Sand & Material Co., International Life bldg
SEDALIA—Babcock Lumber Co.
Johns S. P. & Sons
Looney & Bloess Lumber Co.
Sturges Lumber Co.
SPRINGFIELD—Horton Stone Co.
Landers Lumber & Cement Co.
Springfield Plg. Mill, Lumber & Const. Co.
Springfield Stone & Fuel Co.
Timmons Lumber Co.
Williams T. E. Lumber & Mfg. Co.
TIPTON—Ferguson Wm. M.
Schmidt Wm. & Co.
WINDSOR—Hayden Hardware Co.

MONTANA.

ANACONDA—Anaconda Copper Mining Co.
Stagg J. P.
BILLINGS—Allen H. M. & Co.
GREAT FALLS—Graham & Ross Mercantile Co.
Great Falls Lumber Co.
Murphy-MacClay Hardware Co.
HELENA—Holter A. M. Hdw. Co.
Sanford-Evans Co.

NEBRASKA.

BEATRICE—Von Steen J. H. Co. (Wholesale)
BLAIR—McQuarrie Lumber & Coal Co.
FREMONT—Nye-Schneider-Fowler Co.
GENEVA—Koehler A. Co.
GOTHENBURG—West E. G.
GRAND ISLAND—Harrison W. H. Co.
HASTINGS—Western Brick & Supply Co.
HUMBOLDT—Philpot S. M. & Son
KEARNEY—Gilcrest F. H. Lumber Co.
LINCOLN—Dierks Lumber & Coal Co.
Searle & Chapin Lumber Co.
Whitebreast Coal & Lumber Co.
NEBRASKA CITY—Bischof Wm., Sr.
NORFOLK—Chicago Lumber Co.
OMAHA—Adams & Kelly Co.
Bullard Hoagland & Benedict
Cady H. F. Lumber Co.
Chicago Lumber Co.
Disbrow M. A. & Co.
Guiou & Ledwich
Hampton Lumber Co.
Hoagland G. A. & Co.
Hull C. W. Co.
Sunderland Bros. Co.
SOUTH OMAHA—Bradford-Kennedy Co.
Bradford Louis Lumber Co.
Howland E. H. Lumber & Coal Co.
Watkins J. B. & Co.
TEKAMAH—Houston E. C. & Co.

NEW HAMPSHIRE.

BRISTOL—Merrill C. N. & Son
CLAREMONT—Osgood E. B.
CONCORD—Dickerman & Co.
Woodworth & Co.
EXETER—Smith L. B. & Sons
FRANKLIN—Stevens C. P.
KEENE—Knowlton & Stone Co.
Spencer Hardware Co.
Woods C. E. & Son
LANCASTER—Moore L. F.
Smith Frank Co.
LISBON—Parker-Young Co.
MANCHESTER—Muir John
NASHUA—Shedd W. A. & Co.
NEWPORT—Rowell F. P.
NORTH CONWAY—Gibson J. L.
PORTSMOUTH—Broughton J. H.
Walker C. E. & Co.
SOMERSWORTH—Somersworth Grain Co.
TROY—Kimball E. P. & Son

NEW JERSEY.

ASBURY PARK—Buchanon & Smock Lbr. Co.
Consumers' Coal & Supply Co.
Farmer Coal & Supply Co.
ATLANTIC CITY—Borton Coal & Trading Co.
Cunningham A. W. & Co.
Smith Edwin
BAYONNE—Booth A. W. & Bro.
Brady's James Sons Co.
Meyer & Ruh Co.
O'Connor Peter
BLOOMFIELD—Bloomfield Coal & Supply Co.,
Ogden & Cadmus
BOONTON—Salmon Henry & Son
BORDENTOWN—Chamberlain John G.
Shreve W. A. & Co.
BOUNDBROOK—Cook L. D. Co.
BRIDGETON—Hankins H. H. & Bro.
CAMDEN—Camden Lime Co.
Justice Coal & Lime Co.
Taylor Bros.
CAPE MAY COURT HOUSE—Tyler W. J.
COOKSTOWN—Hancock J. B.
CRESSKILL—Cresskill Lumber Co.
DOVER—Birch & Bassett
Dover Lumber Co.
EAST ORANGE—Builders' Material Supply Co.
Pierson James W. Co.
EDGEWATER—Hinner's E. H. Sons
EGG HARBOR—Rupp Harry R.
ELIZABETH—Enterprise Coal & Supply Co.
Gold P. & Co.
Hall & Carlton
Mulford Coal & Lumber Co.
Neureitter & Horre
Sayre T. F. & H. C.
Smith Lime, Flour Co.
Standard Building Material Co.
Thompson J. & S. S.
ENGLEWOOD—Payson George H
Prentice Co.
Tuttle Bros.
FAR HILLS—Ludlow L. V. & Co.
FREEHOLD—Statesir Lumber Co.
GLADSTONE—Tiger Ellis Co.
GLOUCESTER—Stinson & Dickinsheets
GUTTENBERG—Gardner & Meeks Co.
HACKENSACK—Gardner I. E.
Hackensack Coal & Lumber Co.
HARRISON—Harper Dayid
HOBOKEN—Lehigh Coal & Supply Co.
Vanderbilt E. D. Co.
JAMESBURG—Perrine & Buckelow
JERSEY CITY—Baldwin Lumber Co., Garfield av
Conlon & Co., 270 Provost
Glassford & Dodd (Sewer Pipe, etc), 6th
Hall J. P., 588 Central av
O'Neill Lumber Co., Jersey av
Washburn Bros. Co., ft of Jersey av
KENVIL—Kenvil Lumber & Store Co.
LAKEWOOD—Larrabee Albert S. (Est.)
LAMBERTVILLE—Massey Geo. W.
LITTLE FALLS—Klotz E. L.
LONG BRANCH—Chandler & Maps
Lacour Crammer & Co.
MADISON—Bruen & Morris
Green & Pierson
Smith Joseph M. Co.
MANASQUAN—Vanleer E. S.
MATAWAN—Cartan & Delvin
METUCHEN—Edgar Chas. S.
Freeman Manning & Son
MILLVILLE—Kimball & Prince Lumber Co.
MONMOUTH JUNCTION—Stout A. F. & Son
MONTCLAIR—Builders' Material Supply Co.
Persons W. O.
MORRISTOWN—Ennis C. W. & Co.
NETCONG—Drake, Bostedo Co.
NEWARK—Abbey W. B., Essex bdg
Bowden Fred'k (Sewer Pipe, etc), 218 Orange
Builders' Material Supply Co., Center
Cook & Genung Co., 16 Jersey
Lenox Building Supply Co., 27 Clinton
Newark Sand Co., ft Center
Ogden Henry E & Sons Co. (Sewer Pipe, etc.), 428 Clinton
Perry G. F. & Sons, 261 Fabyan pl
Phillips White Rock Lime Co., 125 Front
Reeve Abner S. & Sons, 88 Front
Reid A. S. & Co., 786 Broad
Sayre Jas. R. Jr. & Co., River
Tomkins Bros., 74 Passaic
Townley C. E. 149 Vernon av
Van Keuren & Son, 501 Passaic av
Wolf Chas., 204 Waverley av & Peshine
Woodward A. H. Co., 128 Passaic
NEW BRUNSWICK—Howell Lumber Co.
Rolfe Building Materials Co.
Welsh P. M.
NEWTON—Hopkins S. H.
ORANGE—Conover Bros.
OCEAN CITY—Shoemaker C. H. Lumber Co.
PALISADES PARK—Palisades Park Lumber & Supply Co.
Parkyn & Sons
PASSAIC—Anderson Lumber Co.
Campbell, Morrell & Co.
Union Building & Cons. Co.
PATERSON—Agnew John Co.
Rodrock E. M. Co.
Sharpe Jos. Construction Co.
Smith A. H.
Stiles E. M.
Trimble Coal Co.
PENNS GROVE—Barber, H. S.
PERTH AMBOY—Donnell W. J. Lumber Co.
Langan Thomas Lumber Co.
Robbins I. R.
PLAINFIELD—Boice, Runyon Co.
Loizeaux Joshua D. Lumber Co.
PLEASANTVILLE—Lake & Risley Co.
POINT PLEASANT—Vannote Lumber Co.
RAHWAY—Friese G. M.
RIDGEFIELD PARK—Brewster & Son
RIVER EDGE—Bogert A. Z. & Bro.
RIVERSIDE—Zurbrugg August
RIVERTON—Evans Jos. T.
ROCKAWAY—Stickle G. W.
ROSELLE—Bachman-Veghte Co.
Ridgeway Wilbur J.
SALEM—Lippincott Clement G.
SECAUCUS—Schmitt Jacob
SOMERVILLE—Sargeant Bros.
SOUTH AMBOY—South Amboy Lumber & Supply Co.
SOUTH ORANGE—Halsey H. B. Co.
SOUTH RIVER—Clayton Lumber Co.
STONEHARBOR—Simpson Co.
SUMMIT—Miller T. B. Co.
Muchmore George V.
Stephens Bros.
SWEDESBORO—McCullough H.
TENAFLY—Demarest Edwin
TOMS RIVER—Brant A. A. Lumber Co.
TRENTON—Heath Samuel Co.
Hunt James B. Mfg. Co.
Richardson Jos. B. & Sons
Richardson P. B.
VINELAND—Kimball & Prince Lumber Co.
WASHINGTON—Alleger's E. W. Son
WESTFIELD—Irving J. S.
Tuttle Bros.
WOODSTOWN—Hitchner & Bassett
Woodstown Ice & Cold Storage Co.

NEW MEXICO.

ALBUQUERQUE—Baldridge J. C. Lumber Co.
SANTE FE—Hersch Leo

NEW YORK.

ADAMS CENTER—Maxson E. C. & Son
ALBANY—Batchelder R. C.
Blackburn J. T. D.
Dwight H. A.
Fuller & Co.
Helderberg Cement Co.
Jackson John H. Tile Co.
Leonard Co.
McCabe Peter
AMENIA—Wilson & Eaton Co.
AMSTERDAM—Grieme, H. C. Co. (Est. of)
ASTORIA—(See Long Island City, Borough of Queens)
ATHENS—Howland & Son
AUBURN—Clark Lumber Co.
McCarthy Bros.
BALDWINSVILLE—Tappan W. H.
Voorhees J. S. & Co.
BARKER—Lum L. C.
BATAVIA—Dawson William E.
BATH—Bowes H. W.
BEACON—Davidson S. M. Co.
BINGHAMTON—Atlas Coal & Supply Co. (Brick, Cement, Sewer Pipe, etc)
Ballard J. W. Co.
Bartlett & Co.
BUFFALO—Black John H. Co. (Mfrs.' Agent), Builders Exchange
Bray & Lukens Co., 861 E Eagle
Buffalo Cement Co., 110 Franklin
Buffalo Paragon Wall Plaster Co., Ellicott sq
Carroll Bros. (Sand, etc), Ellicott sq
Carroll Sand Co., White bldg
Empire Limestone Co., 19 Hudson
King J. B. & Co., 322 W Genesee
Lyth A. & Sons Co., 48 W Eagle

NEW YORK—Buffalo—continued
Newman's Akron Cement Co., 141 Erie
Reeb M. A. Corp, 599 Michigan av
Ross James H., 141 Erie
Thorn Cement Co., Prudential bldg
CANANDAIGUA—Davidson Alex.
Hollis A. M. & Co.
Thompson George T.
CATSKILL—Raynor A.
Timmerman P. V. R.
CHARLOTTE—Charlotte Coal & Supply Co.
CHATHAM—Boright John W. Lumber Co.
CLINTON—Allen H. J. (Est.)
CLYDE—Corrigan & John
COHOES—Dooley Jas. J. & Sons
COLLEGE POINT—(See New York City, Borough of Queens)
CORNING—Maltby W. H. & Sons
CORTLAND—Beers & Warfield
Maxson & Starin
CUTCHOGUE—Goldsmith & Tuthill
DUNKIRK—Hamilton S. M. Co.
EAST AURORA—Geib William H.
Griggs & Ball Co.
EAST HAMPTON—East Hampton Lumber & Coal Co.
EDEN—Redfield & Davis
ELMIRA—Fisk H. A. & Co.
FAIRPORT—Fairport Lumber & Coal Co.
FAYETTEVILLE—Bangs-Gaynor Cement & Plaster Co.
FLORIDA—Roe Bros.
FLUSHING—(See New York City, Borough of Queens)
FREDONIA—Cobb John P.
Cooke F. E.
GENESEO—Neff N. W. & C. D.
GENEVA—Beard J. H.
Dwyer J. Frank
Ontario Coal Co.
Rogers R. J. Lumber Co.
GLEN COVE—Titus & Bowne
GOSHEN—Conklin & Cummins
GOUVERNEUR—Corbin W. S.
Noble H. H.
GOWANDA—Van Deusen J. E.
GREEN ISLAND—Smith M.
HASTINGS-UPON-HUDSON — Thompkin & Bevers
HAVERSTRAW—Allison & Vervalen Coal & Lumber Co.
Lane Charles R.
HEMPSTEAD—Mollineaux Bros.
HERKIMER—Palmer C. W. & Co.
Pelton Bros.
Snell C. R. & Sons Co.
HILLSDALE—Herrington Ed.
HOLLAND—Griggs Ichabod N. & Son
HOLLEY—Murphy John
HOMER—Maxson & Starin
HOPEWELL JUNCTION—Hopewell Lumber Co.
HORNELL—Hollands Stephen & Sons
HUDSON—Macy Charles W. Co.
HUNTER—Ham E. A.
HUNTINGTON—Wood W. Wilton
HURLEYVILLE—Prince W. J. & Son.
HYDE PARK—Van Wagner Geo. E. B.
IRONDEQUOIT—Irondequoit Coal & Supply Co.
ISLIP—Abrew John L.
ITHACA—Driscoll Bros. & Co. (Wholesale)
Edwards O. D.
JAMESTOWN—Chautauqua Refrigerating Co.
Jamestown Construction Co.
Johnson Ice Co.
Shedd L. F.
Van Dervoort Supply Co.
KINGSTON—Darling Walter S.
Gill David Jr.
Griffith Frank H.
LACKAWANNA—West Seneca Lumber Co.
LAKE PLACID—Lake Placid Lumber & Supply Co.
LAWRENCE—Wood John A. & Son Co.
LESTERSHIRE—Baldwin Edwin L.
LIMA—O'Neill Wm. A.
LOCKPORT—Crowe Michael J.
Stainthorpe C. N. & Co.
Whitmore C. B. Co.
LONG BEACH—Nassau Contracting Co.
LONG ISLAND CITY—(See New York City, Borough of Queens)
LYONS—Lockwood B. F.
MACEDON—Servoss Chas. J.
MALONE—Thompson H. D. & Co.
MAMARONECK—Brewer R. G.
Moffatt, L.
MATTITUCK—Penny George L.
MECHANICSVILLE—Robinson W. A.
MIDDLEBURG—Petchtle Emmet
MIDDLEPORT—Jackson Thomas W.
MIDDLETOWN—Ketchum D. A. (Est.)
MONTGOMERY—Vanderoef John J. & Son
Wait Charles D.
MONTICELLO—Osborn & Son
MOUNT KISCO—Young & Halstead Co.
MOUNT VERNON—Burton & Fenton
Wilson & Adams Co.
NEWARK—Bartle A. C. Lumber Co.
NEW BRIGHTON—(See New York City, Borough of Richmond)
NEWBURGH—Atlas Building Material Co.
Convery's John P. Sons
Harrison & Curtis
Wilson Samuel A.
NEW PALTZ—Le Fevre A. P.
NEW ROCHELLE—Mahlstedt J. A. Lumber & Coal Co.
New Rochelle Coal & Lumber Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Bannon P. & Sons (Sand, etc), 129 Richards
Braun & Howe, 66 Huron
Canda M. M.,, 184 3d
Candee & Krekeler Co., 472 Hamilton av & 1217 Grand
Castle Bros., Johnson pl
Clarke Audley Co., 527 Smith
Colyer Jos. H. & Son, 531 Nostrand av
Creamer F. D. & Co., 26 Court
Duffy J. P. Co., 51st & 2d av
Empire Brick & Supply Co., Morgan av
Gutherman J. J., 32 Chester
Mahnken Building Material Co., Varick av
Morton's John Sons Co., 387 Carroll
Sullivan J. T., 2360 Fulton

Boroughs of Manhattan and Bronx.

See also Cement Manufacturers

NEW YORK—Bell Jno. Co., E 138th & Gerard av
Builders Brick & Supply Co., 172nd & West Farms rd
Cable W. N., 200 5th av
Candee, Smith & Howland Co., ft E 26th
Darrow's Rufus Son, 618 W 49th
Empire Brick & Supply Co., 103 Park av
Fleming & Co., 253 B'way
Fredenburg & Lounsbury (Front & Ornamental Brick & Cement), 381 4th av
Heaney P. J. Co., West Farms rd & 172nd
Hoag Wm. M., 120 Liberty
Hookey W. T. & Sons Co., 227 E 129th
Kane John P. Co., 103 Park av
King C. Volney, 517 West
King J. B. & Co., 17 State
McCarthy John A. & Bro., 551 Exterior
Miller Clifford L. (West Stockbridge Lime; Dry Mixed Mortar; Cement; Plaster, etc), 280 Madison av
Morse Frank E. Co., 17 State
Murtagh Chas. E., ft Rivington
Murtha & Schmoll Co., 814 E 14th
Overbaugh-Camp Co., Morris Dock
Palmer Lime & Cement Co., 103 Park av
Peck N. & W. J. Co., 428 E 48th
Philbrick John A. & Bros., ft E 97th
Raymond G. B. & Co. (Clay Materials), 3060 Webster av
Smith Clarence L. Co., 30th & 11th av
Tomkins Bros. (Sewer Pipe), 8 W 40th
Warner Chas. Co. (Wholesale), 18 E 41st
Wood Theo. C., 613 Greenwich

Borough of Queens.

COLLEGE POINT—Kraemer Bros.
FLUSHING—Copp C. W., James
Ryon Augustus M., 96 Main
JAMAICA—Syles Thos., 59 Flushing av
LONG ISLAND CITY—Clonin & Messenger, ft Camelia
Pfeffer Jacob, 10 Vernon av
Raymond G. B. & Co. (Clay Products), 293 Borden av
OCEANUS—Jamieson & Bond Co., Bond av
OZONE PARK—Reimer Jno. B.
RICHMOND HILL—Solms Geo. Co., Maure av

Borough of Richmond.

PRINCES BAY — Seguine-Runyon-Stiles Co., ft Main
STAPLETON—Thompson Jas. & Sons, Bay

(End of New York City)

NIAGARA FALLS—Humbert Wm. S.
Niagara Falls Builders' Supply Co.
NORTH TONAWANDA—Rose H. A. (Est. of)
NYACK—Gregory & Sherman
White W. H. Co.
OCEANUS—(See New York City, Borough of Queens)
OGDENSBURGH—Barr John
Britton W. D. Hardware Co.
Hackett P. Hardware Co.
OLEAN—Taylor B. U. Co.
ONEIDA—Marcellus Geo. A.
Ruby R. B.
ONEONTA—Briggs Lumber Co.
Butts L. P.
OSSINING—Terwilliger's I Son
OSWEGO—Farwell J. B. & Co.
OWEGO—Farmers' & Builders' Supply Co.
Richardson F. W.
PATCHOGUE—Bailey E. & Sons
PEARL RIVER—Serven W. A.
PEEKSKILL—Dains' N. Sons Co.
PERRY—Hawley Produce & Storage Co.
PHILADELPHIA—Clark Gardner
PIERMONT—Walsh & Reichling
PLATTSBURG—Purdy Frank M.
PLEASANTVILLE—Cornell Lumber Co.
PORTCHESTER—Ryan William Co.
Tibbits Charles H.
PORT JERVIS—Westbrook Edw. S. & Son
PORT RICHMOND—(See New York City, Borough of Richmond)
POTSDAM—Weed F. A. Hardware Co.
POUGHKEEPSIE—Arnold C. N. Co.
Lumb's Levi Son
McCann J. J.
Taylor Jas. L. Mfg. Co. (Steel Staging & Shingling Brackets)
Wilbur Co.
PRINCE BAY—(See New York City, Borough of Richmond)
RANDOLPH—Felt & Almy
RICHMONDVILLE—Harroway M. W.
RIPLEY—Crandall J. E.
RIVERHEAD—Corwin & Vail Lumber Co.
ROCHESTER—Building Specialties Co. Inc.
Hollister Builders Supply Co.
Oliver Thomas (Est. of)
Rochester Lime Co.
Whitmore, Rauber & Vicinus
ROCKVILLE CENTER—Combes G. D.
ROME—Wardwell Hardware Co.
RONDOUT—(See Kingston)
SAG HARBOR—East Hampton Lumber & Coal Co.
SALEM—Dillon Jno. L.
SANDY HILL—Griffin Lumber Co.
Kenyon Lumber Co.
SARATOGA SPRINGS—Todd E. R.
SAUGERTIES—Saugerties Coal & Lumber Co.
SCHENECTADY—Crane-Veeder Co.
Devenpeck Coal Co.
Rankin Chas. F.
Rosa N. W.
Winne & McKain Co.
SEA CLIFF—Parliman Lawrence E.
SENECA FALLS—Maier Fred & Sons
Palmer S. S.
SHERBURNE—Gaines Thos. P.
SKANEATELES—Carver Richard
Stuart William G.
SOUTHAMPTON—Hampton Lumber Co.
STONY BROOK—Bayles D. T. & Son
SUSPENSION BRIDGE—Haeberle Lumber Co.
SYRACUSE—Pack George W. & Son
Paragon Plaster Co., 300 W Water
Salisbury D. J., 206 St. Mark's av
Sullivan C. J., 126 S. Clinton
TARRYTOWN—Dinkel & Jewell Co.
Husted A. P. Co.
TICONDEROGA—Bascom D. C.
TOMPKINSVILLE—(See New York City, Borough of Richmond)
TOTTENVILLE—(See New York City, Borough of Richmond)
TROY—Grimm Max
Murray James T.
Rickerson & Co.
Smith Milo
TRUMANSBURG—Hasard Wm.
TULLY—Garrison J. H. (Est. of)

UTICA—American Hard Wall Plaster Co.
Conley Frank E. Stone Co.
Empire Wall Plaster Co.
McQuade & Bannigan
WALDEN—Dominick D. C. Co.
Hill C. W.
WARRENSBURG—Emerson A. C. & Co.
WARWICK—Conklin & Strong
WATERLOO—Terwillinger A. H. & Son
WATERTOWN—Johnson S. W.
Jones W. C.
White G. W. & Son
WATKINS—Durland L. H. Son & Co.
WELLSVILLE—Chamberlain F. R. & Co.
Duke Oak Lumber Co.
WEST WINFIELD—Weeks George S.
WHITEHALL—Sullivan J. H. (Est. of)
WHITE PLAINS—Young R. Bros. Lumber Co.
WHITESTONE—(See New York City, Borough of Queens)
WILLIAMSBRIDGE — (See New York City)
YONKERS—Lawrence Bros.
Yonkers Builders' Supply Co.

NORTH CAROLINA.

ASHEVILLE—Brown Hdwe. Co.
Westall J. M. & Co.
Westall W. H. & Co.
CHARLOTTE—Carolina Lumber Mfg. Co.
Ward W. W. & Son
Wearn J. H. & Co.
Withers B. F.
CONCORD—Niblock F. C.
EDENTON—Brown M. G.
HICKORY—Ingold F. B.
WILMINGTON—Moore's Rogers Sons & Co.
WINSTON-SALEM—Fogle Bros. Co.

NORTH DAKOTA.

DICKINSON—Walton & Davis Co.
GRAND FORKS—Dinnie Bros. Corp.
Robertson Lumber Co.
St. Hilaire Retail Lumber Co.
WAHPETON—Rischard John

OHIO.

ADA—Ada Coal & Lumber Co.
AKRON—Akron Paving & Plaster Co.
Akron Supply Co.
Botzum Bros. Co.
Mell Marvin M. & Co.
Pfarr & Hobart Co.
Wright W. E. Co.
ALLIANCE—Tolerton I. G. & Son
ANDOVER—Coulter D. & Son
Wood C. W.
ASHLAND—Ashland Hardware Co.
Boren William
Hoover Chas.
Palmer J. C.
ASHTABULA—Aten & Whitlan
Robinson M. C. & Co.
Stockton W. H.
BEDFORD—Groh Bros.
Miller C. F.
BELLAIRE—Anderson & McGregor Co.
BOWLING GREEN—Hankey Lumber Co.
BROADWAY—Goff W. H.
BROOKVILLE—Detweiler Theo.
BUCYRUS—Smith J. M. & Fitzer
Ryland B. L. & Son
BURTON—Crittenden B. D.
BYESVILLE—Witten B. V. & Sons
CADIZ—Long E. M. & Sons (Wholesale)
CAMBRIDGE — Orme-McMahon-Thompson Co.
CANFIELD—Neff C. H.
CAREY—Snyder William H.
CELINA—Desch J. W.
CHILLICOTHE—Chillicothe Coal Co.
Rutherford Chas. W.
Union Coal Co.
CINCINNATI—Chrispin Jas. G. Lime & Cement Co., 2117 Monroe av, Norwood
Cincinnati Clay Products & Supply Co., Johnston bldg
Cincinnati Sewer Pipe Co., 3716 Montgomery rd, Evanston
Conkling H. J., 731 Hunt
Doermann-Roehrer Co., 318 E 3d
Farrn M. B. Lumber Co., Station av & Winton pl
Hall T. J. & Co. (Washed River Sand & Gravel), 450 E Pearl
Huber Bldrs.' Material Co., 50 Vine
Jacobs Julius, 276 W McMicken av
McCammon L. H. Bros., Johnston bldg
McCracken J. E. Supply Co., 629 E Front
Marsh-Murdock Co., Cor. Stanton av & Melish
Metcalfe L. A., 2433 Gilbert av
Moores-Coney Co., St. Paul bldg
Moss C. W., 218 Tennyson
Pachoud A. L. & Co., 3459 Montgomery av
Patterson Alex., 3036 W 6th
Raff Allan Ross & Co., Greenwood bldg
Taylor Chas. E., 1429 Cutter
CLARINGTON—Rea John J.
CLEVELAND—Baldwin H. A. & Co., 14903 Saranac
Best Builders Supply Co., Marion bldg
Broadway Coal & Feed Co., 6431 B'way
Cleveland Builders' Supply Co., Leader-News bldg
Cleveland Material Co.
Crane P. D. Co., 10225 Meech
Cuyahoga Builders' Supply Co., Schofield bldg
Diamond Portland Cement Co. (Cement Mfrs.), 1313 Williamson
Donley Brothers Co., The, 3625 E. 74th
See adv index at end of book
Forrester Plaster Co., ft East 49th
Goff-Kirby Coal Co., Electric bldg
Kelley Island Lime & Transport Co.
Lake Erie Builders' Supply Co., Schofield bldg
Lake Shore Sand & Gravel Co., Cuyahoga & W. 3d
Ohio Coal & Supply Co., 2869 E 37th
Sheets Elevator Co.
Shepard J. J., 1078 River av, N W
CLEVES—Caine Chas. W.
CLYDE—Forsythe James
Hurd T. P. & Son
COLLEGE CORNER—Stephens & Stewart
COLLINWOOD—Collinwood Lumber Co.
COLUMBUS—American Sewer Pipe Co., 315 N High
Builders' General Supply Co., Darby & Scott
Claycraft Builders Supply Co., Hartman bldg (Terra Cotta, Ornamental Iron, etc)
Columbus Builders' Supply Co., 409 Dennison av
Columbus Coal & Lime Co., 307 S High
Columbus Contractors' Supply Co., Columbus Savings & Trust bldg
Columbus Fire Brick Co., Hartman bldg
Columbus Macadam Co., 319 Dublin av
Cussins & Fearn Co., 48 W Spring
Ferris Steam Mortar Works, 632 Galloway av
Fifth Avenue Coal Co., 5th av & Big Four
Franklin Builders' Supply & Coal Co., 400 W Broad
Hamilton Parker Fuel & Supply Co., 491 Kilbourne
Murray City Coal Co., W Fifth av & H. V. Ry.
Rapp Jacob & Co., 375 S High
Rock Plaster Mfg. Co., Darby & Scott
West Side Lumber Co., Duerr rd
CONNEAUT—Pond Lumber Co.
CORNING—Rodgers D. M.
COSHOCTON—Thomson A. H. & Son
CRESTLINE—Weaver Bros. Co.
CROOKSVILLE—Pettit E. G.
CUMBERLAND—Dye Milton
DAYTON—Dayton Builders' Supply Co.
Eichelberger's T. D. Sons
Hawthorn W. S.
King Chas. S.
McGreevy & Ortman Co.
Schaeffer, Gengnagel & Co.
Star Coal & Cement Co.
DEFIANCE—Gorman M. B. Co.
DELAWARE—Battenfield M. W.
Kissner R. D.
DELPHOS—Horine John T. & Sons
DESHLER—Lytle Lumber Co.
DILLONVILLE—Manifold J. H. C.
EAST LIVERPOOL—Enterprise Coal Co.
Nease C. Lumber Co.
EAST PALESTINE—Meek Lumber Co.
ELDORADO—Locke A. W. S.
ELYRIA—Elyria Concrete Co.
Heldmyer Hardware Co.
Murbach Coal Co.
FINDLAY—Hagerman & Phillips
Rhamy W. H.
FRANKLIN—Anderson's L. G. Sons
FREMONT—Price Lumber & Mfg. Co.
Riverside Fuel & Supply Co.
FUNK—Taylor Chas.
GALION—Bryan Coal Co.
Weaver Bros. Co.
GALLIPOLIS—Rue John C.
GARRETTSVILLE—Hatch J. E.
GENEVA—Cowdery Coal Co.
Geneva Milling Co.
King W. H.
GLENDALE—Freyhof John D.
GRAND RAPIDS—Miller Geo. H.
GREENVILLE—Mahar M. A.
HAMERSVILLE—Chatterton O. J.
HAMILTON—Cullen & Vaughn Co., 450 Dayton
HARRISON—Perrine Atwood
Vincent W. C. & Son
HARTWELL—Mueller John Co.
HILLSBORO—Whisler Chas F.
HOPEDALE—Tweedy & Bernhard
IRONTON—Central Hardware & Harness Co. (Roofing, etc)
Ginn Co.
Goldcamp Bros. & Co.
Hutsinpillar Sheridan Co.
Ironton Lumber Co.
Ironton Portland Cement Co.
JACKSON—Buckeye Mill & Lumber Co.
Jackson Mill & Lumber Co.
Morgan & Horton
JEFFERSON—Douglass L. C. & Co.
KENTON—Callam John & Co.
Robinson-Gage Lumber Co.
LANCASTER—Orman Lumber Co.
LEAVITTSBURG—Doty A. M. & F. T.
LEETONIA—Mellinger I. F.
LEXINGTON—Kell Bros.
LIMA—Consumers' Fuel & Building Supply Co.
Fidelity Coal & Supply Co.
Watson Cement & Coal Co.
LINDEN HEIGHTS — Denune Builders' Supply Co.
Linden Lumber Co.
LISBON—Bean I. C. Co.
LOCKLAND—Lockland Lumber Co., Benson & Mill
LOGAN—Lumber & Supply Co.
LORAIN—Lorain Lumber & Mfg. Co.
McCUTCHENVILLE—Smith & Lawmaster
MANSFIELD—Branyon M. L. & Bro.
Kallmeren & Baer
Rusk Bros.
Voegele Bros.
MARION—King H. C. Lumber Co.
Leffler & Bland
Ohio & Western Lime Co.
Price J. L. Co.
Prendergast Co.
MARYSVILLE—Conrad Wm. J.
Robinson & Curry Co.
MASSILLON—Atwater D. & Son
Clements A. J. & Son
MAUMEE—Koch C. L. Co.
MIDDLEFIELD—Patchin C. P. & Co.
MIDDLETOWN—Hatfield Coal Co.
MILFORD—Buckingham & Hair
Clark J. N.
MINERVA—Hart S. W. & Son
MOGADORE—Mogadore Lumber & Supply Co.
MOUNT GILEAD—Mount Gilead Lumber Co. (Br. J. S. Peck & Son, Eardington)
Wagner Bros.
MOUNT ORAB—Kibler Fred W.
MOUNT VERNON—Sanderson & McCreery (Also Slate)
MOWRYTOWN—Beucler L. A. & Co.
NAPOLEON—Johnson & Ritz
Thiesen & Hildred Co.
NEWARK—Montgomery Wesley
Smith's P. & Sons Lumber Co.
NEW BOSTON—Bahner Geo.
NEW COMERSTOWN—Novelty Brick & Coal Co.
NILES—Eaton Builders' Supply Co.
NORWALK—Frey Joseph
Smith Mounumental Works
OBERLIN—Cole S. M. Co.
OLMSTEAD FALLS—Stokes T. C.
ORRVILLE—Seas J. F. & Sons
OTTOVILLE—Lauer N.
OWENS—Owens John D. & Son Co.
PAINESVILLE—Callander G. F. & Son
McMillan Robert
Painesville Coal & Builders' Supply Co.
Truby Coal Co.
PAULDING—Paulding Lumber Co.
Southern Lumber & Supply Co.
PENINSULA—Bigelow F. A. & Son

OHIO—continued
PIQUA—Morrow & Licklider
Wood C. L.
Wright & Kuntz Lumber Co.
PLAIN CITY—Martin & Strickland
PLYMOUTH—Nimmons & Nimmons
POMEROY—Biggs B. F. Co.
PORTSMOUTH—Kaps Bros.
Hibbs Hardware Co.
Leet H. Lumber Co.
Reitz Bros Co.
RACINE—Hayman Jos. C.
RAVENNA—Bennett J. A.
Morgan E. E.
RITMAN—Hershey & Rohrer
ST. MARYS—McNally & Son
St. Marys Blds'. Supply & Coal Co.
SALEM—Peoples Lumber Co.
Satterthwait Edgar
SANDUSKY—Groch Fred'k Coal Co.
Homegardner Sand Co.
Kelley Island Lime & Transport Co.
Lake Erie Sand Co.
Nielsen C. A. Coal Co.
Peterson & Hiss Co.
Wagner Quarries Co.
SHELBY—Wiggins E. W.
Will & Kerr
SIDNEY—Farmers' Grain & Milling Co.
Heiser Jno. & Son
Klipstine Wm. Lumber Co.
Toy W. M. & Co., 10 E Shelby
SPENCERVILLE—Pickering Wm. H.
Reynolds W. A. Lumber Co.
SPRINGFIELD—Bauer Charles
Beckley & Myers Ice & Fuel Co.
Clark County Lumber Co.
Goode & Hayward
Mills Bros.
Rawlins A. M.
Springfield Coal & Ice Co.
Taggart & Brown Co.
STEUBENVILLE—Alexander W. J.
McFeely Bros.
Ohio Valley Ice & Storage Co.
STONEY RIDGE—Shook Ira E.
STRUTHERS—Horne J. K. & Son
STRYKER—Stryker Builders' Supply Co.
SULLIVAN—Atyeo Bros.
TIFFIN—Crobaugh & Dahm Hardware Co.
O'Connell Louis Co.
Ohio & Western Lime Co.
TOLEDO—Acme Coal, Wood & Builders' Supply Co.
Buckeye Builders' Supply Co.
Doherty Lime & Stone Co., The Spitzer
Holst W. O. Builders' Supply Co.
Knopp Bros. Co.
Ohio Builders' Supply Co.
Superior Supply Co.
Toledo Builders' Supply Co., Spitzer bldg
Toledo Pulp Plaster Co.
Woodville Lime Products Co.
TORONTO—Goodlin J. O. Son & Co.
TROY—Trojan Coal Co.
UHRICHSVILLE—Pearch J.
Romig P. A.
UPPER SANDUSKY—Gipson W. A.
URBANA—Heap Thomas
UTICA—Einsweller C. W.
VAN WERT—Rupright Bros.
VAUGHNSVILLE—Risser D. R.
VERMILION—Decker C. F.
WADSWORTH—Dutt Feed & Supply Co.
WAPAKONETA—Brown M. Co.
Whitman Joseph L.
WARREN—Greenwood & Co.
Murray Thos.
Western Reserve Lumber Co.
WASHINGTON C. H.—Coffman Mfg. Co.
WAUSEON—Williams H. H. & Co.
WELLSVILLE—Auginbaugh H. C.
Patterson Geo. B. Coal & Supply Co.
WEST MENTOR—Norton C. A.
WEST MILTON—Everett W. D. J.
WESTON—Oswald Bros.
WILLOUGHBY—Hill A. T. & Co.
Jenkins C. C.
WILMINGTON—Fisher Mfg. & Fuel Co.
WOOSTER—Gray & Son
XENIA—Thornhill Bros.
YOUNGSTOWN—Buehrle German B.
Concrete Stone & Sand Co. (Sand & Concrete)
Sharp Bros.
Youngstown Ice Co.
ZANESVILLE—Adams Bros. Contracting Co.
Harris Bros.
McIntire Coal & Bldrs. Supply Co.
Townsend F. M.
Zanesville Grain & Building Supply Co.

OKLAHOMA.

STILLWATER—Bullen H. B. Lumber & Coal Co.
TULSA—Okahoma Buiding Supply Co.

OREGON.

PORTLAND—Atlas Mixed Mortar Co. Ry. Exch. bldg
Balfour, Guthrie & Co., Park & Oak
Cherry P. L. Co., Lumber Exchange
Hennessy J. D. & Co., 195 Front
Kollock L. R. & Co., Mutual Ry. Ex-bldg
McCraken J. Co., Blake-McFall bldg
McMillan A. Co., 341 Williams
Nottingham & Co, E 2d & Wash
Rate G. B. & Co., Dekum bldg
Timms, Cress & Co., 184 2d
Versteeg Brick Co., 1027 Tillanook
THE DALLES—Glenn Hugh & Co.
Wasco Warehouse Milling Co.

PENNSYLVANIA.

ALBION—Sergeant A. W.
ALLEGHENY—(See Pittsburgh)
ALLENTOWN—Butz Jas. F. & Co.
Erich G. F. Co.
Kuder Millard A.
Ochs Construction Co.
ALTOONA—Altoona Concrete Construction & Supply Co.
Canan Building Supply Co.
Canan-Knox Supply Co.
Vipond Coal Co.
AMBLER—Craft J., Watson
ANNVILLE—Saylor D. L. & Son
ARDMORE—Smedley & Mehl
ASHLAND—Buck Peter E. & Sons
ATHENS—Kinter F. B.
AVONDALE—Pennock & Brosius
Williamson Frank & Co.
BANGOR—Bangor Lumber Mfg. Co.
Wise Lumber & Coal Co.
BATH—Cressman & Mauser
BEAVER—Cook Anderson Co.
BEAVER FALLS—Brierly Frank F. & Sons
Davidson W. J. & Son
Pearson & Son
Zimmerman R. E.
BELLEFONTE—McCalmont & Co.
BERWYN—Fritz W. H.
BLAIRSVILLE—Ray L. S. W.
BLOOMSBURG—Paragon Plaster & Supply Co.
BLOSSBURG—Clark Geo. D.
BLUE BELL—De Prefontaine Chas.
BOSTON—Harper C. M. C.
BRADDOCK—Braddock Lumber Co.
Braddock Lumber Co.
Crown Wall Plaster Co.
Keller & Milliken
McCrady Bros. Co.
BRADFORD—Fischer L. A. & Co.
BRIDGEPORT—March's I. F. Sons
BRISTOL—Leedom W. F.
Peirce & Williams
BROOKVILLE—McKnight & Son
BUTLER—Niggel's J. Son
CANONSBURG—Elliott W. J.
CARBONDALE—Cavanaugh C.
Mills Bros.
CARLISLE—Bixler J. P. & Sons
Goodyear Bros.
CATASAUQUA—Deily G. B. F.
Schneller C. W.
CHAMBERSBURG—Hiteshaw & Co.
CHARLEROI—Mounster R. C.
CHESTER—Chester Lumber & Coal Co.
Wood, Lumber & Coal Co.
CHRISTIANA—Cooper Mark P.
CLEARFIELD—Fullington E. M.
COATESVILLE—Pownall Hardware Co.
CONNELLSVILLE—Fayette Lumber Co.
CONSHOHOCKEN—Jones Wm. Potts
CORAOPOLIS—Watson T. F. & Bro.
CORRY—Barlow Hardware Co.
Wales Hardware Co. (Ltd.)
CRAFTON—Crafton Lumber & Supply Co.
DANVILLE—Cole J. H.
Welliver W. W.
DARBY—Thurston Oscar
DEVON—Lobb C. A. & Sons
DOYLESTOWN—Barrett James & Son
Beidler Henry S.
Randall W. L.
DUBOIS—DuBois Jno. E.
Hibner-Hoover Hardware Co.
EASTON—General Supply Co.
Mason's Supply Co.
Messinger Teaming & Supply Co.
EAST STROUDSBURG—East Stroudsburg Lumber Co.
EMAUS—Brown Chas. D.
ERIE—Boyd & Schafer
Erie Hard Wall Plaster Co.
Thayer O. C. & Son
ETNA—Stevenson Milford, Est. of
EVANS CITY—Burry & Markel Co.
EVERETT—Cottage Planing Mill Co.
FERNWOOD—Hoopes Rufus C.
FLEETWOOD—Schaeffer, Wanner & Co.
FRANKLIN—Franklin Lumber Co.
Howard Lumber & Coal Co.
James Lumber Co.
GLENOLDEN—Mitchell J. E.
GREENVILLE—Packward Hardware Co.
HAMBURG—Lenhart I. S.
HANOVER—Schmuck Co.
HARRISBURG—Cowden & Co.
Kelley H. M. & Co.
Rhoads J. E.
HAZLETON—Frederick S. Y. & Son
Hazleton Machinery & Supply Co.
Schaub Justus
HOLLIDAYSBURG—Condron J. B.
Law John H.
HOMESTEAD—Vallowe Bros.
HOOVERSVILLE—Meyers H. J. & W. A.
HUMMELSTOWN—Engle's Jno. S. Sons
Holler Chas.
HUNTINGDON—Miller C. H. Hdw. Co.
INDIANA—Stewart Jas. M. & Co.
IRWIN—Fox L. C.
JOHNSTOWN—Johnston Planing Mill Co.
Thomas-Kinzey Lumber Co.
Walters John W.
KINGSTON—Edwards & Co.
Roat A. J. Supply Co.
KITTANNING—McConnell & Watterson Co.
McCullough James Jr.
KUTZTOWN—Heffner Dietrich & Co.
LANCASTER—Lancaster Lime & Supply Co.
Penna. Stone, Cement & Supply Co.
Reilly Bros. & Raub
Sener G & Sons
Steinman Hardware Co.
LANSDALE—Brady James
LATROBE—Doherty Philip Hdw. & Supply Co.
McFeely Brick Co.
LEBANON—Granitine Wall Plaster Co
Krause George Hardware Co.
LEWISBURG—Dreisbach's C. Sons
LEWISTON—Franciscus Co.
LINWOOD STATION—Wood Bros.
LITITZ—Hershey-Leamon Co.
McKEESPORT—Bowman Bros. Co.
Hartman Hdw. Co.
Serena John Co.
Wishart A. & Sons Co.
McKEES ROCKS—Bluming P.
Young & Schmitt
MACUNGIE—Singmaster J & Co.
MANSFIELD—McDowell Chas.
MAUCH CHUNK—Neast Chas. & Co.
MEADVILLE—Harris C. P.
Smith Lumber Co.
MECHANICSBURG—Martin C. & Son
MEDIA—Williamson C. F.
MIDLAND—Marshall & Beglin
MIFFLIN—Manbeck W. H. & Co.
MONONGAHELA—Yohe Bros.
MONROETON—Cranmer H. A. & Sons
MONTROSE—Cooley & Son
MOORE—Moore G. W. & Co.
MOSCOW—Loveland J. E.
MOUNT PLEASANT—Stevenson J. A. & Co.
NAZARETH—Nazareth Coal & Lumber Co.
NEW BETHLEHEM—Anderson Hdw. Co.
Andrews Lumber Co.
NEW BRIGHTON—Martsolf Bros. Co.
Martsolf George W.
NEW CASTLE—Burns Bros.
Marshall Bros.
Ramsey D. G. & Sons
NEW FREEDOM—Bahn Walter D & Co.
NEW KENSINGTON—Klingensmith H. A. & Son
McKean J. S. & Sons Co. (Ltd.)
NEW SALEM—McCormick S. O.
NORRISTOWN—Evans B. & Bro.
Landis William G.
Quillman Benj. Hardware Co.
NORTH WALES—Leister Frank H.
OGONTZ—Nagle Louis A. & Co.
OIL CITY—Berry Co.
Borland & Diamond Lumber Co.
Caldwell Lumber Co.
United Lumber & Coal Co. (Ltd.)
OLYPHANT—Lally Jas. H.
PEN ARGYL—Correll R. S.
PENNS STATION—Myers J. E.
PERRYOPOLIS—Perry Mfg. Co.

PHILADELPHIA—Ambler H. C. Contracting Co., 3717 Old York rd
Borgner Cyrus Co. (Distributors of Lehigh Portland Cement), 234 N 23d
Bowditch Walter, Haines & Baynton, Gtn.
Bradley Walter T. Co., 9th & Thompson
Cox's C. A. Sons, 2139 American
Dobbs Samuel B. (Brick), 1218 Chestnut
Dougherty Cornelius, 1207 Passyunk av
Fairlamb P. H. Co., 115 S 30th
Fitzgerald John J. & Co., 2d & Butler
France David Co., Tasker st. Wharf
Fredericks Chas. C., Wayne av, c Reading Ry, Gtn
French, Samuel H. & Co., York av, 4th & Callowhill
Fulmer & Henderson, Stenton av (Gtn.)
Gabell W. T., 2308 N 29th
Garrett Jas. & Co., 1432 S Penn sq
Gilbert Harry W., Hutchinson & Venaugh
Hartranft Wm. G. Co., Real Estate Trust bldg
Housekeeper Benj. (Lime), 1526 N American
Kenderdine J. R., 332 Witherspoon bldg
Kerbaugh Lime Co., Wash'n av, c 15th
Keystone Plaster Co. (Adamant Wall Plaster), North American bldg
Knickerbocker Lime Co., 366 N 24th
Krause Wm., 1621 N 5th
Kugler Clarence B. Jr. & Co., Land Title bldg
Kyle Geo., 73d c Grays av
Lesley & Trinkle Co., Penna bldg
Lukens & Yerkes, Stephen Girard bldg
McClemen H. A. & Bro., Shunk & 13th
Manayunk Coal & Lime Co., Main & Umbria
Meng Anthony & Co., 17 S Front
PENN SUPPLY & EQUIPMENT CO., 421 Widener bldg
Peoples Bros., 25th & Callowhill
Prettyman Harry D., 2603 S Broad
Robinson Thos. & Co., Real Estate Trust bldg
Rutan John W., 1305 Arch
Sinn Geo. A., 4430 Penn
Smith Edwin A. & Son (Lime), 1017 Frankford av
Tyson Jacob L., 900 Jeff
Vollmer P. S., Harrison bldg
Warner Chas. Co. (Wholesale & Retail), Finance bldg
Wilson & Gardner Co., 5541 Lena Germantown

PITTSBURGH—Birmingham Supply Co., S 17th
Duncan & Porter Co., 310 Mendota
Harbison-Walker Refractories Co. (Fire Brick), Farmers' Bank bldg
Heppenstall & Marquis, 32d
Houston Bros. Co., 32d & P. R. R.
Jiles Jas. Co., Stayton
Keller Bros., 6347 Station
Kennedy D. J. Co., 6366 Frankstown av
Knox, Strouss & Bragdon, Juniata & Preble
Leggett Wm. T. Co., 2621 Liberty
Miller & Coulson, Diamond Bank bldg
Munhall R. J. Lumber Co., Sidney & Brady
National Mortar & Supply Co. (Lime Only), 2d Nat'l Bank bldg
Rodgers Sand Co., Wood & Water
Williams W. H. & Co., 100 Penn
Winfield Sand Co., 2d Nat'l Bank bldg

PITTSTON—Dershimer & Griffin
Patterson J. E. & Co.
POTTSTOWN—Baily Hardware Co.
Fegely J. & Son
Hallman Wm.
Halteman J. L.
Van Buskirk & Bro.
POTTSVILLE—Bright George Hardware Co.
Ryon John P.
PUNXSUTAWNEY—Brown Hardware Co.
QUAKERTOWN—Achey Benj.
Walp C. H. & Bro.
READING—Bard Hardware Co.
Bright & Co.
Fisher Chas. H.
Gring J. M. Co.
Reading Lumber Co.
Roth A. L. Co.
RIDGWAY—Hyde-Murphy Co.
Hyde W. H. & Co.
ROCHESTER—McDonald & Hartman
ROYERSFORD—Buckwalter J. A.
RUSSELL—Reynolds A.
SAEGERTOWN—Peters Frank L.
SAINT MARYS—Ritter Leonard
SALTSBURG—Davis Bros. & Co.
SALUNGA—Hiestand & Co.
SCRANTON—Benore John
Keller Luther
Maloney Oil & Mfg. Co.
Mason & Snowdon Lumber Co.
Paragon Plaster & Supply Co.
SEWICKLEY—Hays Alden F.
SHAMOKIN—Shamokin Lumber & Mfg. Co.
SHARON—McIntyre Wm. & Sons
Sharon Building Co. (Ltd.)
Wallis & Carley Co.
Wishart A. & Sons Co.
SHARPSBURG—Chalfant A. M.
SHARPSVILLE—Covert & Stewart
SLATINGTON—Dettmer & Handwerk
Fritzinger William A.
SOUDERTON—Moyer & Son
Souder & Crouthamel
SPRING CITY—Davis & Mowrey
STEELTON—Hess John
SUNBURY—Sunbury Supply Co.
Whitmer William & Sons Co.
SWARTHMORE—Ogden C. G. & Co.
TITUSVILLE—Edwards H. B.
Shank I. L.
Ward C. J.
TOWANDA—Myer Berlin F.
TROY—Spalding H. M. & Son
TUNKHANNOCK—Billings Paul & Sons
TYRONE—American Lime & Stone Co.
Beyer F. D. & Co.
Franciscus Hardware Co.
Grazier Bros.
UNION CITY—Union Coal & Supply Co.
WARREN—Pickett Hardware Co.
WASHINGTON—Paul & Post
WAYNE—Connor I. W. Co.
WAYNESBORO—Beck & Benedict
Eclipse Wall Plaster Co.
Newcomber J. M. & Co.
WEST CHESTER—Bennett & Lear
Hoopes Ralston R.
WEST GROVE—Chambers S. K. & Bro.
WILKES-BARRE—Eastern Penna. Supply Co.
Goff Lumber Co.
Henry Frank N.
Patterson James E. & Co.
Robbins Lumber Co.
Schmitt's John A. Sons
Wilkes-Barre Masons' Supply Co.
WILLIAMSPORT—Diamond Wall Cement Co.
Huffman W. H. C. Sons
Kline & Co.
Stuempfle's David Sons
YORK—Barnitz George A.
McClellan & Gotwalt Co. (Ltd.)
Small P. A. & S. Co.
York Valley Lime Co.
Zinn Bros.
ZELIENOPLE—Kennedy J. J.

RHODE ISLAND.

BRISTOL—Wardwell Lumber Co.
NEWPORT—Friend John M.
Hammet A. & H. G. Co.
PAWTUCKET—City Coal Co.
Cottrell J. T. Co.
Newell Coal & Lumber Co.
Olney & Payne Bros.
PROVIDENCE—Goff James C. Co., 31 Point
Harris Wm. M. Jr., 546 Atwells av
Horton H. R. Co., 459 S Water
McKendall Frank D., 519 Charles
Manchester & Hudson Co., 55 Point
Olneyville Hay & Grain Co., 25 Manton av
Whaley J. A. & Co., 41 Smith
RIVER POINT—Potter Frank E.
WAKEFIELD—Wakefield Lumber Co.
WESTERLY—Babcock & Wilcox
Kenyon H. T. & Co.
Sherman's R. A. & Sons Co.
WOONSOCKET—City Lumber Co.
Woonsocket Lumber Co.

SOUTH CAROLINA.

ANDERSON—Anderson O. D.
Brissey W. L. Lumber Co.
White & Co.
BEAUFORT—Christensen N. & Sons
CHARLESTON—Anderson Lumber Co.
Carolina Portland Cement Co.
Hughes Co.
Johnson Wm. & Co.
COLUMBIA—Brown C. O. & Bro.
Lorick & Lowrance
GAFFNEY—Builders' Supply Co.
GREENWOOD—Simmons J. T.
SPARTANBURG—Ezell Wall Hardware Co.

SOUTH DAKOTA.

CHAMBERLAIN—Anderson J. F. Lumber Co.
MITCHELL—Anderson J. F. Lumber Co.
Davis & Daniels Co.
SIOUX FALLS—Ross H. W. Lumber Co.
Loonan Lumber Co.
Tuthill J. W. Lumber Co.
WATERTOWN—Stover Construction Co.
YANKTON—Loonan Lumber Co.

TENNESSEE.

BRISTOL—Mitchell-Powers Hardware Co.
CHATTANOOGA—Chattanooga Builders' Supply Co.
Gager Lime & Mfg. Co.
Howard Park Brick Co.
Magill Hdw. Co.
Sloan & Company
HARRIMAN—Dame Mantel Co.
JACKSON—Central Lumber Co.
City Lumber Co.
Enochs Lumber Co.
KNOXVILLE—Chandler & Co.
King, Mantel & Furn. Co.
Knoxville Lumber & Mfg. Co.
Tenn. Lime & Sand Co.
Wright Cruze Hardware Co.
MEMPHIS—Cook A. J. & Co.
Crump Bros.
Fischer Lime & Cement Co.
Tri-State Builders' Supply Co.
MORRISTOWN—Baylor C. E. Co.
NASHVILLE—Cohn & Goldberg
Hardison W. T. & Co.
Herbert T. L. & Sons
Hoover A. T. & Co.
Kirkpatrick J. O. & Sons
Love, Boyd & Co.
Nashville Builders' Supply Co.
Norvell & Wallace
Ransom J. B. & Co.
TULLAHOMA—Lawson T. D.

TEXAS.

ALBANY—Rockwell Bros. & Co.
AUSTIN—Austin White Lime Co.
Tips Walter Co.
BASTROP—Willbarger J. L.
BEAUMONT—Texas Bldrs' Supply Co.
Wilson E. L. Hdw. Co.
CISCO—Burton-Lingo Co.
CLEBURNE—Burton-Lingo Co.
Wilson H. S.
COLORADO—Burton-Lingo Co.
CORPUS CHRISTI—Sidbury Lumber Co.
CORSICANA—Whitselle Brick & Lumber Co.
DALLAS—Griffiths & Co.
Moore & Co.
DENISON—Hanna Bros.
Lingo-Leeper Co.
DENTON—Wilson J. B. & Co.
EL PASO—Bassett O. T. & Co.
Courchesne A.
El Paso Lumber Co.
Santa Fe Fuel Co.
FORT WORTH—Armstrong J. H. Co.
Burton-Lingo Co.
Cameron Wm. & Co.
Nash Hardware Co.
Owens G. W. Lumber Co.
Smith Cicero Lbr. Co.
GALVESTON—Fowler & McVitie
Parr Wm. & Co.
GROESBECK—Walker & Sons
HOUSTON—Barthold & Casey
Bland Jeff Lumber & Building Co.
Humphreville W. E.
Macatee W. L. & Sons
Walcott Frank B.
KERRVILLE—Schreiner Chas. Co.
LAREDO—Deutz A. & Bro.
Johnson S. N.
MASON—Grosse R. E.
NAVASOTA—Youens J. & Co.
ORANGE—Lutcher & Moore Lumber Co.
Miller-Link Lumber Co.
Sabine Supply Co.
PALESTINE—Broyles W. & G. D.
PARIS—Bettes H. S. Hardware Co.

TEXAS—continued
SAN ANTONIO—Dielmann Jno. C.
SCHULENBERG—Schaefer H. P.
SHERMAN—Fielder A. A. Lumber Co.
Wilson J. B. & Co.
SWEET WATER—Wilkerson O. L.
TEMPLE—Campbell C. M. & Sons
Hollingsworth Joseph
TEXARKANA—Hoffman Hardware Co.
VICTORIA—Goldman A.
WACO—Brazelton-Lumber Co.
Cameron William & Co.
Nash-Robinson Co.

UTAH.

OGDEN—Eccles Lumber Co.
Lowe Geo. A. Co.
SALT LAKE CITY—Langdon Lime & Cement Co.
Morris Elias & Sons Co.
Morrison, Merrill & Co.
Portland Cement Co. of Utah
SPANISH FORK—Jex Lumber Co.

VERMONT.

BELLOWS FALLS—Bellows Falls Pulp Plaster Co.
BRATTLEBORO—Robbins & Cowles
BURLINGTON—Burlington Grocery Co.
CAVENDISH—Robbins B. A. Lime Co.
FAIR HAVEN—Reed Coal Co.
MIDDLEBURY—Chapman T. M. & Co.
NEWPORT—Macdiarmid & Co.
POULTNEY—Bixby E. M. & Son
Ripley Lumber Co.
Sherman S. & Son
RANDOLPH—Lamson J. H. & Sons
RUTLAND—Burditt Bros.
Curtis S. P. & Son
Landon Walter C. & Co
ST. ALBANS—Bostwick Bros.
ST. JOHNSBURY — Caldbeck-Cosgrove Corp.
Ide E. T. & H. K.

VIRGINIA.

ALEXANDRIA—Burroughs Thos. F. Sons
Robinson's Geo. H. Sons
Smoot W. A. & Co.
BERKELEY—Cuthrell John Co.
BERRYVILLE—Baker H. W.
CHARLOTTESVILLE—King Lumber Co.
Wood, Vest & Co.
CHASE CITY—Roberts B. A. Son & Co.
HAMPTON—Born L. & Son.
Heffelfinger Co.
HARRISONBURG—Snell J. M. & Co.
LYNCHBURG—Adams Bros. Paynes Co.
De Witt H. E.
Taylor W. O.
NEWPORT NEWS—Acme Supply Co.
Benson-Phillips & Co.
Gale M. W.
NORFOLK—Batchelder & Collins
Bayne C. M. & Co.
Building Supplies Corp.
Dixie Lime & Cement Corp.
Friebus G. S.
Gamage John O.
Grinnan John C.
Jones & Co.
Nottingham & Wrenn Co.
PETERSBURG—Friend & Co.
PHOEBUS—Tennis Edgar M.
PORTSMOUTH—Hawks-Maupin Co.
Oast Samuel P., 1101 Court
Portsmouth Contractors Supply Corp.
RICHMOND—Baldwin & Brown,, 1557 E Main
Hawes S. H. & Co., 1801 E Cary
Lathrop C. P. & Co., 1600 E Marshall
Lee A. S. & Sons Co., 108 S 13th
Moore, Warner & Co., 17th
Sitterding-Carneal-Davis Co., 1601 W Leigh
ROANOKE—Adams, Payne & Gleaves
Central Mfg. Co.
Exchange Lumber Co.
Gitt F. L. & Co.
Virginia Lumber & Mfg. Co.
Wilkinson J. H.
STAUNTON—Clem Bros.
SUFFOLK—Allen R. R.
Folk E. L. Co.
Shoop-Withers Co.
WARRENTON—Wood, P. D. & Co.

WASHINGTON.

ANACORTES—Curtis Wharf Co.
BELLINGHAM—Cain-Grimshaw Co.
Morse Hardware Co.
CHELAN—Dunham H. E.
CLE ELUM—Hutter Frank
ELBERTON—Eitel H. C.
EVERETT—Shaw Harry W.
KELSO—Remick A. R.
KETTLE FALLS—Richard D. M.
NORTH YAKIMA—Fosseen A. B. & Co.
ODESSA—Finney G. W. Lumber Co.
OKANOGAN—Dunham W. H.
OMAK—Omak Lumber Co.
SEATTLE—Balfour-Guthrie & Co.
Boyd Fred. Co.
Crowe F. T. & Co.
Curtiss Wm. M. Co., 5016 20th, N W
Dally S. W. R.
Dudley G. S. & Sons
Fryer David E. & Co.
Galbraith, Bacon & Co.
Kerr, Gifford & Co.
McMullen & Co.
Milligan & Nesbitt
Monks & Miller
Rodgers Chas. W. Co., Maritime bldg
Seattle Sand & Gravel Co.
Spring Hill Fuel Co.
SEDRO WOOLLEY—Skagit Commission Co.
SOUTH BEND—Rude C. O.
SPOKANE—Idaho Lime Co.
Pearson-Mowbray Co.
Washington Brick Lime & Sewer Pipe Co.
SUMAS—Thomas Rees
TACOMA—Cowell Henry Lime & Cement Co.
Crowe F. T. & Co. (Complete Line)
Griffin Transfer Co.
Tacoma Trading Co.
WALLA WALLA—Loney Samuel & Co.
Snell Geo. H.
WATERVILLE—Stevens Lumber Co.

WEST VIRGINIA.

BLUEFIELD—Saxon Lime & Lbr. Co.
BUCKHANNON—Alton Lbr. Co.
Drummond T. B. & Co.
CHARLESTON—Courtney Co.
Burlew Hardware Co.
Goshorn Hardware Co.
CLARKSBURG—Williams Hardware Co.
HUNTINGTON—Miller Supply Co.
Mossman Bros. Co.
HURRICANE—McCallister Wm. H.
KEYSER—Liller W. A. Bldg. Co.
Steorts H. G.
MORGANTOWN—Morgantown Brick Co.
PARKERSBURG—Beckwith Joel
Chancellor Hardware Co.
Lowther M. R. & Co.
Niswander G. W. & Co.
Senseman J. M. Lumber Co.
WHEELING—Chapman W. A. & Sons
Wilson W. A. & Sons, 1409 Main

WISCONSIN.

APPLETON—Marston Bros. Co.
Ideal Lumber & Coal Co.
ASHLAND—Ashland Lime, Salt & Cement Co.
BARABOO—Stewart & Alexander Lumber Co.
BEAVER DAM—Roedl & Jacobs Co.
BELOIT—Beloit Lumber Co.
Keeler Lumber & Fuel Co.
McGavock Bros.
Rock River Lumber Co.
Star Coal Co.
BERLIN—Wilbur Lumber Co.
BLACK EARTH—Mickelson A. A. & Son
BLACK RIVER FALLS—Black River Falls Lumber & Mercantile Assn
BOSCOBEL—Ruka Bros. Mfg. Co. (Ltd.)
BURLINGTON—Wilbur Lumber Co.
CHIPPEWA FALLS—Clark Grain & Fuel Co.
Coleman H. B.
EAU CLAIRE—Evans-Lee Co.
FORT ATKINSON — Zeugner-Hoffman Lumber Co.
FOUNTAIN CITY—Roettiger H. & F.
GRAND RAPIDS—Bossert Fred.
GREEN BAY—Barkhausen Henry A.
Flatley Bros. Co.
Killman & Challe
HARTFORD—Grimm John A.
HONEY CREEK—Wilbur Lumber Co.
JANESVILLE—Brittingham & Hixon Lumber Co.
Fifield Lumber Co.
Schaller-McKey Lumber Co.
KAUKAUNA—Kaukauna Lumber & Mfg. Co.
KENOSHA—Dunnebacke Co.
LA CROSSE—Colman C. L. Lumber Co.
Hart H. C. Implement Co.
Sobkowiak Frank
LAKE GENEVA—Durkee F. M. & Son
Wilbur Lumber Co.
MADISON—Britlingham & Hixon Lbr. Co.
Castle & Doyle.
Conklin & Sons Co.
Cooley C. F.
MANAWA—Little Wolf River Lumber Co.
MANITOWOC—Johnson J. G. Co.
Johnson J. G.
Manitowoc Land & Fuel Co.
MARINETTE—Ludington N. Co.
Lyon Bros.
MARSHALL—Wilbur Lumber Co.
MENASHA—Plummer H. H.
MILTON—Saunders T. A. & Son
MILWAUKEE—Brandt W. H. & Co., 3015 Walnut
Burnham Bros. Brick Co., 50th & State
Cream City Sand Co., 601 Edison
Druecker Jos. Sons' Co., Atwater rd
Kuenzli Henry & Co.
Milwaukee Building Supply Co., Pabst bldg
Milwaukee Falls Lime Co.
Milwaukee Sand & Gravel Co., 779 N Water
Moritz F. G., Pabst bldg
Penna. Coal & Supply Co., Caswell blk
Pipkorn W. H. Co.
Ricketson & Schwarz, 111 Mason
Taylor, Button Fuel Co., 1st Nat. Bk. bldg
Waukesha Lime & Stone Co., 1211 Humboldt av
Western Lime & Cement Co., Pabst bldg
Wilbur Lumber Co., Pabst bldg
MONROE—Becker Wm. A. Co.
Dodge Lumber Co.
NEENAH—Twin City Fuel Co.
NORTH LAKE—Wilbur Lumber Co.
NORTH MILWAUKEE—Eggert Charles
OSHKOSH—Cook & Brown Lime Co.
Hollister, Amos & Co.
PORTAGE—Mohr C. F.
RACINE—Asdahl & Nelson
Olley Geo.
Stoffel & Brach
RHINELANDER—Brown Bros. Lumber Co.
Robbins Lumber Co.
RICHLAND CENTER—Krouskop A. H.
SAUK CITY—Lachmund Lumber & Coal Co.
SEYMOUR—Droeger Hardware Co.
Miller & Piehl
SHEBOYGAN—Ebenreiter Lumber Co.
SILVER LAKE—Wilbur Lumber Co.
SPRINGFIELD—Wilbur Lumber Co.
SULLIVAN—Collins Bros. Lumber Co.
WATERLOO—Wilbur Lumber Co.
WATERTOWN—Burns J. W.
Tetzlaff H.
WAUKESHA—Gittner Coal & Supply Co.
Palmetier & Abel Lumber Co.
Wilbur Lumber Co.
WAUSAU—Curtis & Yale Co.
Nickel Hardware & Supply Co.
Paff Wm. A.
Stewart Alexander Lumber Co.
WEST ALLIS—Wilbur Lumber Co.
WESTFIELD—Cochrane T. H. Co.
WHITEWATER—Whitewater Lumber Co.

WYOMING.

LARAMIE—Holliday W. H. Co.

9600—Mast Arms (Arc Lamp, Etc.)

Brady Electric Mfg. Co., New Britain, Conn.
Buffalo Specialty Co. ("Duplex"), 375 Ellicott, Buffalo, N. Y.
Creaghead Engineering Co., 340 Main, Cincinnati, O.
Cutter Geo. Co. ("Cutter's"), Notre Dame & Division, South Bend, Ind.
Electric Railway Equipment Co., Cincinnati, O.
Fletcher Mfg. Co., Dayton, O.
Harrison Electric Co., 411 Van Brunt, Brooklyn, N. Y.
Hubbard Co., 63rd & Butler, Pittsburgh, Pa.
Line Material Co., So. Milwaukee, Wis.
Lundin Electric & Machine Co., 10 Thatcher, Boston, Mass.
Morris Iron & Steel Co., Frederick, Md.
Pettingell Andrews Co. ("Philbrick"). 166 Pearl, Boston, Mass.
Philadelphia Electrical & Mfg. Co. ("Pemco," Made from Pipe), 1236 N 31st, Phila., Pa.
Pittsburgh Transformer Co., Adams & Preble av, Pittsburgh, Pa.

9601—Masticators (Rubber & Carbon)

WERNER & PFLEIDERER CO. ("Universal" Rubber), 1232 No. Niagara, Saginaw, Mich.
See adv index at end of book

9602— Masts & Spars

Boston Oregon Mast Co., 181 Coleridge, East Boston, Mass.
Endersen Spar & Timber Co., Hoquiam, Wash.
Hoskins J. S. Lumber Mfg. Co., Baltimore, Md.
Lawley Geo. & Son Corp., Neponset, Boston, Mass.
Northwest Lumber Co., Seattle, Wash.
Ostrander Ry. & Timber Co., Ostrander, Wash.
Pacific Mutual Door Co., Tacoma, Wash.
Pigeon, Fraser Hollow Spar Co. (Clear White Spruce, Hollow & Solid Spars, 20 to 120 ft.), E Boston, Mass.
Pope & Talbot, ft. of 3d, San Francisco, Cal.
Puget Mill Co., Seattle, Wash. Mills: Port Gamble, Wash.
St. Paul & Tacoma Lumber Co., Tacoma, Wash.
Seattle Construction & Dry Dock Co., Seattle, Wash.
Simmons John Co. (Tubular Steel), 110 Centre, New York
Southern Pine Co. of Ga., Savannah, Ga.
Tacoma Mill Co., Tacoma, Wash.
Union Lumber Co., Crocker bldg, San Francisco, Cal.
Union Spar Co., Gloucester, Mass.
Woodall Wm. E. & Co., ft of Woodall, Baltimore, Md.

9603— Match Mfrs.

Budde & Westermann ("Triangle" Brand Safety), 7th av & 29th, New York
Diamond Match Co., 111 B'way, New York
Fear Fred Match Co., Bloomsburg, Pa.
Huner John T., Evergreen, N. Y.
Indiana Match Corp., Crawfordsville, Ind.
Lion Match Co., Inc. (In safety book form), 91 Grand, New York
Merkle-Wiley Broom Co., Paris, Ill.
Metropolitan Match Co., 503 Market, San Francisco, Cal.
Ohio Match Co., Wadsworth, O.
Penna. Match Co., Bellefonte, Pa.
Reliable Match Co., Ashland, O.
Sommers Bros. Match Co., Saginaw, Mich.
Union Match Co., Duluth, Minn.
Zan Bros., Portland, Ore.

9604—Mats (Asbestos Table)

Asbestos & Rubber Works of America, 58th & B'way, New York
Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
Chicago Asbestos Table Mat Co. ("Peerless"), 215 Loomis, Chicago, Ill.
Johns H. W.-Manville Co., Madison av & 41st, New York
Kerney Mfg. Co., 1821 W 62nd, Chicago, Ill.
Rishel J. K. Furniture Co., Williamsport, Pa.

9605— Mats (Blasting)

Anchor Blasting Mat & Rope Co., 245 E 32d, New York
Dienst A. P. & Co., 2604 3d av, New York

9606—Mats (Combination Cocoa & Steel)

Hinman D. A. & Co. ("Peerless" Door), Sandwich, Ill.

9607— Mats (Cork)

Armstrong Cork Co. (Bath & Table), 24th & A. V. R. R., Pittsburgh, Pa.
La Porte Mat & Mfg. Co. ("Dreadnaught") ("Foot") ("Steelbound"), La Porte, Ind.

9608—Mats (Felt, Steel Bound)

La Porte Mat & Mfg. Co. ("Dreadnaught" Tread), La Porte, Ind.

9609— Mats (Hair)

Pacific Coast Beef & Provision Co., Los Angeles, Cal.
Wilson & Co., 41st & Ashland av, Chicago, Ill.

9610—Mats (Leather Rolling)

Climax Motor Devices (Magneto & Generator Couplings), 5209 Prospect av, Cleveland, O.
Page Belting Co., Concord, N. H.
Paragon Mat Co. (For Cars, Elevators, Schools, Hospitals, etc), Frankford & Worrell, Phila., Pa.
Salisbury W. H. & Co. (Leather Link), 105 S Wabash av, Chicago, Ill.

9611— Mats (Picture)

Bainbridge Chas. T. Sons, 2 Cumberland, Bklyn., N. Y.
Boston Mat & Basket Co., 94 Commercial, Boston, Mass.
Chicago Mat Board Co., 664 Washington blvd, Chicago, Ill.
McLaughlin Wm. J., 9 E 8th, New York
Mueller Bros. Art & Mfg. Co., 2641 Polk, Chicago, Ill.

Mats (Rubber)

See Mats & Matting, Rubber

Mats (Steel Wire)

See Mats & Mattings, Steel Wire

9612— Mats (Stove)

Gillen-Chambers Co. (Asbestos), Portland, Ore.
Keasbey & Mattison Co. (Asbestos), Ambler, Pa.
Peoria Can Co. (Asbestos), Peoria, Ill.

9613— Mats (Street Car)

See also Other Mat Classifications

Acme Steel Goods Co., 2834 Archer av, Chicago, Ill.
CARY MFG. CO. ("Cary" Flexible Steel), Nassau & Jay, Brooklyn, N. Y.
See adv index at end of book
Cyclone Fence Co., Waukegan, Ill.
Paragon Mat Co. (Flexible Link, Rolling, Leather, Rubber or Steel), Frankford & Worrell, Phila., Pa.

9614— Mats (Switchboard)

Consumers Rubber Co. ("Euclid"), Cleveland, Ohio
Standard Woven Fabric Co., Walpole, Mass.

9615— Mats (Wire Table)

Woods-Sherwood Co., Worcester, Mass.

9616— Mats (Wood)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Modern Mfg. Co. ("Clean U. Well" Door), Hagerstown, Md.

9617— Mats (Wood Rolling)

See also Mats, Street Car

Keystone Wire Matting Co. ("Rolamat"), Beaver Falls, Pa.

9618—Mats & Matting (Cocoa)

Darragh Small Co., Ltd. (Calcutta & Domestic), 177 Water, New York
Eastmond & Co. (Imp), 82 Beaver, New York
Fels Fibre Fabric Co., Lowell, Mass.
Heywood Bros. & Wakefield Co., Gardner, Mass.
India Cocoa Matting Mfg. Co., 86 Butler, Brooklyn, N. Y.
Lamond & Robertson Co., Paterson, N. J.
McCabe Benj. & Bro., 37 E 18th, New York
Pick Albert & Co., 212 W Randolph, Chicago, Ill.
Rancocas Mills ("Diamond J. D."), Trenton, N. J.
Wild Jos. & Co., 366 5th av, New York

9619—Mats & Matting (Rattan, Etc.)

Heywood Bros. & Wakefield Co., Gardner, Mass.

9620—Mats & Matting (Rubber)

See also Tile, Rubber

Acme Rubber Mfg. Co., Trenton, N. J.
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Boston Woven Hose & Rubber Co. ("Bull Dog," "Tiger," "Standard," "Lenox," "Pyramid," "Lenox Bath"), Cambridge, Mass.
Bowers Rubber Works, 68 Sacramento, San Francisco, Cal.
Cantslip Manufacturing Co. ("Cantslip"), 16 Cedar, New York
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Empire Tire & Rubber Corp. (of Every Description), East Trenton, N. J.
Essex Rubber Co. ("Pyramid"), Trenton, N. J.

For Entrances, Corridors and Floor Spaces Exposed to Hard Service, Dirt or Wet

CARY'S EVERLASTING FLEXIBLE STEEL MAT

HAS A SCRAPING SURFACE IN ALL DIRECTIONS

SANITARY SELF-CLEANING RUST-PROOF REVERSIBLE

MADE IN ROLLS AND TWELVE REGULAR SIZES
SPECIAL SIZES MADE TO ORDER

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Patented in the United States and Foreign Countries.

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MATS & MATTING (RUBBER)—cont'd

Federal Rubber Co. The, Cudahy, Wis.
Goodrich B. F. Co., Akron, O.
Goodyear Rubber Co., 539 Mission,, San Francisco, Cal.
See adv index at end of book
Gutta Percha & Rubber Mfg. Co. (Perforated Door, Barber, Corrugated, Pitcher, Cuspidor, Bottle, Diamond & Glass Mats & Corrugated Matting), 126 Duane, New York
Hamilton Rubber Mfg. Co., Trenton, N J.
Hewitt Rubber Co. (Knot Corrugated & Alternate Design; also Perforated Mats), Buffalo, N. Y.
Home Rubber Co., Trenton, N. J.
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mechanical Rubber Co., Cleveland, O.
Mercer Rubber Co., Hamilton sq, N. J.
National India Rubber Co. (Perforated Mould, etc.), Bristol, R. I.
N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
N. Y. Belting & Packing Co., 91 Chambers, New York City
Paragon Mat. Co. (Rubber Link & Corrugated Rubber Block), Frankford & Worrell, Phila., Pa.
Pennsylvania Rubber Co. (Corrugated, Cuspidor, Bath Tub, Perforated Pebble, Pressed, Automobile, etc), Jeannette, Pa.
Peerless Rubber Mfg. Co. (also Metal Inserted), 31 Warren, New York
Quabaug Rubber Co., North Brookfield, Mass.
Quaker City Rubber Co. ("Hercules"), 629 Market, Phila, Pa.
Republic Rubber Co., Youngstown, O.
Revere Rubber Co., Chelsea, Boston, Mass.
Salisbury W. H. & Co. ("Electric," "Perforated" & "Velvet," Interlocking), 105 S Wabash av, Chicago, Ill.
Standard Woven Fabric Co., Walpole, Mass.
Tyer Rubber Co. (Door, Pitcher, Coin & Barbers' Mats), Andover, Mass.
United & Globe Rubber Mfg. Co., Trenton, N. J.
Victor Rubber Co., Springfield, O.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
Western Rubber Co. (Door & Small Mats Only), Goshen, Ind.
Woven Steel Hose & Rubber Co., Trenton, N. J.

9621— Mats & Matting (Steel)

Acme Steel Goods Co. ("Acme" Flexible Reversible Steel Mats), 2834 Archer av, Chicago, Ill.
CARY MFG. CO. ("Cary" Everlasting Flexible), Nassau & Jay, Brooklyn, N. Y. *See adv index at end of book*
Cyclone Fence Co. (Sanitary Steel Door Mats), Waukegan, Ill.
Hamblin & Russell Mfg. Co. (Elastic Steel Door Mats), Worcester, Mass.
Jencks E. Mfg. Co. (Elastic Steel Door Mats), Worcester, Mass.
Keystone Wire Matting Co. ("Keystone" Flexible), Beaver Falls, Pa.
LaPorte Mat & Mfg. Co. ("Hercules" Flexible), La Porte, Ind.
McKinney Mfg. Co., Pittsburgh, Pa.
Morgan Spring Co. (Elastic Steel Door Mats), Worcester, Mass.
See adv index at end of book
Pettler Wire Products Co. ("Cleanwell" Flexible Steel), Beaver Falls, Pa.
Smith F. P. Wire & Iron Works (Flexible, Flat Steel), 2340-48 Clybourne av, Chicago, Ill. *See adv index at end of book*
Wayne Mfg. Co. (Flexible), Newark, N. J.
Wear-Proof Mat. Co. ("Wear-Proof" Galvanized Steel & Creosoted Wood Felt), 500 S Peoria, Peoria, Ill.
Wire & Metal Wares Co., Erie, Pa.

9622—Mats & Matting (Steel Wire)

Barbe Wire & Iron Works ("National," "Perfect"), 170 N Dearborn, Chicago, Ill.
Clinton Wire Cloth Co., Clinton, Mass.
Cyclone Fence Co., Waukegan, Ill.
Keystone Wire Matting Co. ("Ideal"), Beaver Falls, Pa.
La Porte Mat & Mfg. Co. ("Eclipse," Door), La Porte, Ind.
Ludlow-Saylor Wire Co., 20 E. Jackson blvd, Chicago, Ill.
McKinney Mfg. Co., Pittsburgh, Pa
Paragon Mat Co., Frankford & Worrell, Phila., Pa.
Parker Wire Goods Co. (Flexible Wire Door Mats), Worcester, Mass.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Standard Wire Co., New Castle, Pa.
U. S. Wire Mat Co. ("U. S. Flexible"), Decatur, Ill.
Williams Geo. A. & Son (("Keystone," Flexible), 85 Fulton, New York
Wire Goods Co. ("Elastic" Steel Door Mats), Worcester, Mass.
Worth Wire Works, Kokomo, Ind.

9623— Matting (Aluminum)

Erdle Perforating Co., 181 York, Rochester, N. Y. *See adv index at end of book*
Metallic Automobile Matting Co., 181 York, Rochester, N. Y.
Seligman Arthur (Imp.), 165 B'way, New York

9624—Matting (Electric Floor)

Partrick & Wilkins Co., 51 N 7th, Phila., Pa.

9625— Matting (Fibre)

Harvey Fibre Carpet Co. ("Kolorfast"), Trenton & Allegheny av, Phila., Pa.
Hodges Fibre Carpet Co., 212 5th av, New York
New England Rug Co. ("Melrose"), Lawrence, Mass.
Plymouth Mills, 1115 B'way, New York

9626— Matting (Grass)

Crex Carpet Co. ("Crex"), 1134 B'way, New York
Jacob Chas. W. & Allison (Imp.), (Raffia Grass), 18 Cedar, New York
Waite Grass Carpet Co., Oshkosh, Wis.
Willow Grass Rug Co. (Rugs), Green Bay, Wis.

Matting (Insulating)

See Mats, Switchboard

9627— Mattocks

See also Picks, Mattocks & Grub Hoes

Warren Tool & Forge Co., Warren, O.
Warwood Tool Co., Warwood, Wheeling, W. Va.

9628— Mattresses

Abbott J. G., Est of, Antrim, New Hampshire
Abernathy Furniture Co., Kansas City, Mo.
Acme Bedding Co., 1511 Bates, Indianapolis, Ind.
Acme Mattress Co., Kansas City, Mo.
Acme Spring Bed & Mattress Co., Fort Smith, Ark.
Adams Mattress Co., Adams, Mass.
Advance Bedding Co., La Crosse, Wis.
Akron Mattress Mfg. Co., Akron, O.
Alabama Broom & Mattress Co., Huntsville, Ala.
Albers & Lorenz, 635 E Water, Milwaukee, Wis.
American Bedding Co., Superior, Wis.
American Mattress, 5 Way, Boston, Mass.
Anchor Spring & Bedding Co., Nashville, Tenn.
Anderson Mattress Co., Anderson, Ind.
Anderson Mattress & Spring Co., Anderson, S. C.
Angeles Mattress & Feather Works, 3917 S Main, Los Angeles, Cal.
Aronauer Jos., 61 Chrystie, New York
Athens Mattress & Spring Co., Athens, Ga.
Augusta Bedding Co., Augusta, Ga.
Automatic Woven Wire Supply Co., Mangin & Delancey, New York
Avery Frank F., Framingham, Mass.
Baker O. D. Co., 60 Canal, Boston, Mass.
Balyeat Mfg. Co., Mansfield, O.
Bangor Mattress Co., Bangor, Me.
Barcalo Mfg. Co., Buffalo, N. Y.
Beck Bros., 260 Bruce, Newark, N. J.
Bedell Mfg. Co., Washington, D. C.
Bellingham Bedding Co., Bellingham, Wash.
Bent G. W. Co., 93 Causeway, Boston, Mass.
Berger Wm. & Co., 392 Florida, Milwaukee, Wis.
Bergstein Bros., 208 Plymouth av, Minneapolis, Minn.
Bernhard Mattress Co., 739 Mission, San Francisco, Cal.
Bernstein Mfg. Co., 3d & Allegheny av, Phila., Pa.
Billow-Firestone Co., Columbus, O.
Blackman Co., 309 S Main, St. Louis, Mo.
Bloom & Godley Co., Trenton, N. J.
Bluestone Mattress & Pillow Co., Graham, Va.
Blystone F. M., Elmira, N. Y.
Blystone W. I. & Son, Jamestown, N. Y.
Boll Bros. Mfg. Co., Harrisburg, Pa.
Bowles & Bals, Corry, Pa.
Brandwein A., 3945 Wentworth av, Chicago, Ill.
Braveman & Co., Wilkesbarre, Pa.
Bridgman Mattress Co., Knoxville, Tenn.
Broadway Bedding Co., Louisville, Ky.
Bryant Uph. Furniture Co., 1622 W 7th, Los Angeles, Cal.
Buckeye Bedding Co., Dayton, O.
Buffalo Mattress Co., 135 Church, Buffalo, N. Y.
Buelderick Fred E., Dempsey & C. H. & D. R. R., N. Fairmt, Ohio
Bunting J. R. Bedding Co., 1505 Wharton, Phila., Pa.
Burnett Tom B. Co., Dallas, Tex.
Burt Mfg. Co., 226 Eddy, Providence, R. I.
Burton, Dixie Corp., 1319 Michigan av, Chicago, Ill.
California Chair Co., Richmond, Cal.
Cameron Bros., 822 Federal, Pittsburgh, Pa.
Canton Mattress Co., Canton, O.
Carr Loftus H. & Co., 288 Flushing av, Brooklyn, N. Y.
Carman Mfg. Co., Portland, Ore.
Carter Bros. Mattress Co., Chattanooga, Tenn.
Cashion J. B. & Sons, Cornelius, N. C.
Chandley Co., Worcester, Mass.
Chase Furniture & Coffin Co., Dallas, Tex.
Chattanooga Mattress Co., Chattanooga, Tenn.
Chittenden & Eastman Co., Burlington, Ia.
Cincinnati Cushion Co., 116 Opera Pl., Cincinnati, O.
Cleese John P. Co., 18th & York, San Francisco, Cal.
Clune M. Co., 1407 S Meridian, Indianapolis, Ind.
Coglan W. J., Kankakee, Ill.
Cohen Louis, 232 E. 125th, New York
Coleman Bed Co., 1322 W. Monroe, Chicago, Ill.
Colonial Bedding Co., Fredericksburg, Va.
Colorado Bedding Co., Pueblo, Colo.
Columbia Feather Co., 413 W Huron, Chicago, Ill.
Continental Bedding Co., 86 Beverly, Boston, Mass.
Continental Bedding Mfg. Co., 1636 Bryant, San Francisco, Cal.
Cooney & Smith, Saginaw, Mich.
Classe F. M., 2727 S B'way, St. Louis, Mo.
Cream City Bedding Co., 3200 Fond du Lac av, Milwaukee, Wis.
Crescent Feather Co., 19th & Harrison, San Francisco, Cal.
Crescent Felt Mattress Co., 400 N. Jefferson Davis Parkway, New Orleans, La.
Danville Lounge & Mattress Co., Danville, Ill.
Davenport Bedding Co., Davenport, Ia.
Day H. L. Sons & Co., Bangor, Me.
Deinzer Mfg. Co., 57 Catherine, Detroit, Mich.
Dennis Mfg. Co., Waco, Texas
Denison Mattress Factory, Denison, Texas
Denver Bedding Co., Denver, Colo.
Dixie Mattress Co., Hattiesburg, Miss.
Dodge-Dickinson Co., Bloomington, Ill.
Dougherty H. D. & Co., 17th & Indiana, Phila., Pa.
Doup L. G. Co., Omaha, Nebr.
DuBell Mfg. Co., Bath, N. Y.
Dubuque Mattress Factory, Dubuque, Ia.
Eau Claire Bedding Co., Eau Claire, Wis.
Eckerson Bedding Co., Mechanicsville, N. Y.
Electric City Bedding Co., Scranton, Pa.
Emmerick Chas. & Co., 501 W Huron, Chicago, Ill.
Emmons Bros., Meridian, Miss.
Enterprise Mattress Co., 29 Beverley, Boston, Mass.
Evansville Mattress & Couch Co., Evansville, Ind.

Fett John, 2715 S. Halsted, Chicago, Ill.
Empire Mattress Co., 2231 W. Madison, Chicago, Ill.
Ervin Mfg. Co., El Paso, Texas
Fahnstock & Miller, Chambersburg, Pa.
Falls City Bedding Co., Louisville, Ky.
Fauldrath C. H. & Bro., 219 N Howard, Baltimore, Md.
Fogg M. W., 202 Front, New York
Folding Mattress Co., New Haven, Conn.
Fort Pitt Bedding Co., Liverpool & Preble, Pittsburgh, Pa.
Fort Worth Feather & Mattress Factory, Fort Worth, Texas
Fort Worth Mattress & Comfort Mfg. Co., Fort Worth, Texas
Foster Bros. Mfg. Co., 320 N Holliday, Baltimore, Md.
Fowler John P. & Co., 1434 Wabash av, Chicago, Ill.
Garetson Mfg. Co., San Diego, Cal.
Gavin Joseph, 1133 S 8th, Phila., Pa.
Gholstin-Cunningham Spring Bed Co., Atlanta, Ga.
Glen Nicholas T., Phila., Pa.
Globe Mattress Mfg. Co., 145 North, Boston, Mass.
Gordon Chapman Co., 1245 W 14th pl, Chicago, Ill.
Graham Mattress Co., Big Stone Gap, Va.
Graham Mattress Co., Graham, Va.
Grand Rapids Bedding Co., Grand Rapids, Mich.
Greater New York Bedding Co., 39 East, New York
Grona A., San Antonio, Texas
Gross H. E. & Co., 823 Rebecca, Pittsburgh, Pa.
Grossberg H. T. & Co., 4658 B'way, Chicago, Ill.
Harman F. S. & Co., Tacoma, Wash.
Hartford Mattress Co., Hartford, Conn.
Hawkes L. W. & Co., Lowell, Mass.
Hellring & Grim Co., 906 Washington av, St. Louis, Mo.
Haase Conrad, Evansville, Ind.
Haggard & Marcusson Co., 1109 W 37th, Chicago, Ill.
See adv index at end of book
Hall Frank A. & Sons, 120 Baxter, New York
Harbach's L. Sons Co., Des Moines, Ia.
Hard Mfg. Co., 117 Tonawanda, Buffalo, N. Y.
Hardock Benj., 531 N 2d, Phila., Pa.
Hartman Bros., Quincy, Ill.
Harvey Wm., Norristown, Pa.
Hasselbarth C. O., Albany, N. Y.
Haynes Mattress Factory, Sealy, Texas
Hemenway Furniture Co., Alexandria, La.
Herr Mfg. Co., Lancaster, Pa.
Hess William T., York, Pa.
Hewitt L. & R. T., South Wethersfield, Conn.
Hinkle E. P. & Co., Washington, D. C.
Hirsch & Spitz Mfg. Co., Atlanta, Ga.
Hirschman J. C. Co., 1201 E Maryland, Indianapolis, Ind.
Hodges Frederick G., Reading, Pa.
Hoey John & Co., Alameda & Rhode Island, San Francisco, Cal.
Hoffman Furniture Co., 37 Market, Newark, N. J.
Holman John & Co., 134 Richmond, Boston, Mass.
Holmes D. H. Co., New Orleans, La.
Hopper C. T. Furniture Co., Sioux Falls, Ia.
Hot Blast Feather Co., Grand Rapids, Mich.
Hotchkiss & Son, Lawrenceville, Pa.
Hub Furniture Co., Fort Worth, Texas
Hullman, Israel J., Binghamton, N. Y.
Hunt M. A. Co., Dempsey & C H & D Ry, Cincinnati, O.
Hyman Frank, 1329 Clybourn av, Chicago, Ill.
International Bedding Co., Chase & Guilford, Baltimore, Md.
Isenberg Bedding Co., Wilmington, Del.
Ives D., Binghamton, N. Y.
Jacobs Brothers Mfg. Co., Champaign, Ill.
Jacobs & Wait, Champaign, Ill.
James River Furniture & Mattress Co. (Combination), Richmond, Va.
Jamestown Spring Bed Co., Jamestown, N. Y.
Jamison Spring & Mattress Co., Nashville, Tenn.
Jenks & Muir Mfg. Co., 1441 Hastings, Detroit, Mich.
Johnson C. Upholstering Co., Youngstown, O.
Joppa Mattress Co., Little Rock, Ark.
Kaiser Jacob Mfg. Co., 3d & Elm, St. Louis, Mo.
Karcher Jacob, Castorland, N. Y.
Karr Francis Co., 1322 W Monroe, Chicago, Ill.
Keith R. Furniture & Carpet Co., Kansas City, Mo.
Kentucky Bedding Co., Louisville, Ky.
Kenyon Chas. F., Ocean Grove, N. J.
Kernan John F., Oswego, N. Y.
Kimball & Chapell Co., 2834 Loomis, Chicago, Ill.
Kindel Bedding & Renovating Co., Denver, Colo.
King-Fisher Mattress Co., Portland, Ore.
Kleck J. W., San Antonio, Texas
Knoxville Excelsior & Mattress Co., Knoxville, Tenn.
Lariew J. R., Elmira, N. Y.
Lasche Alfred C., 960 N 2nd, Phila, Pa.
Laycock T. B. Son & Co., Indianaplolis, Ind.
Leak, Wall & McRae, Rockingham, N. C.
Lehigh Star Bedding Co., Allentown, Pa.
Lears C. H. & Sons, 934 W Baltimore, Baltimore, Md.
Leath A. & Co., Elgin, Ill.
Lewis Comyn, Charleston, W. Va.
Lima Mattress Co., Lima, Ohio
Loeser John & Co., 1625 Wabash av, Chicago, Ill.
Little Rock Furniture Mfg. Co., Little Rock, Ark.
Little Rock Mattress Co., Little Rock, Ark.
Logan A. J. Co., 29th & Liberty, Pittsburgh, Pa.
Longview Mattress Co., Longview, Texas
Lottman C. F., Houston, Texas
Louisville Pillow Co., Louisville, Ky.
Lupfer George B. Co., Columbus, O.
Lycoming Bedding Co., Williamsport, Pa.
McEntire Brothers, Topeka, Kans.
McHose & Pardoe, Fargo, N Dak.
McMahen William H., 244 S 2d, Phila., Pa.
Macon Mattress Mfg. Co., Macon, Ga.
Magaril Morris, 19 Moore, Brooklyn, N. Y.
Magee Mfg. Co., 1518 Tchoupitoulas, New Orleans, La.
Mahoney Wm. Mattress Co., Walpole, Mass.
Malden C. C. & Mattress Co., Malden, Mass.
Manne L., Upholstering & Carpet Cleaning Co., 3166 S Grand av, St. Louis, Mo.
Marion Mattress Works, Marion, Ind.
Marshall Ventilated Mattress Co., 1454 S Sangamon, Chicago, Ill.
Martin W. H., Sioux Falls, S Dak.
Mebane Bedding Co., Mebane, N. C.
Meislahn C. F. & Co., 19 Clay, Baltimore, Md.
Memphis Mattress Co., Memphis, Tenn.
Meridian Mattress Factory, Meridian, Miss.
Merrimac Mattress Mfg. Co., 129 Portland, Boston, Mass.
Metropolitan Mattress Co., 47 Wareham, Boston, Mass.
Metzger Mattress Co., Atlanta, Ga.
Michigan Bedding Co., 262 Orleans, Detroit, Mich.
Michigan Felting Co., Kalamazoo, Mich.
Milwaukee Bedding Co., 292 4th Milwaukee, Wis.
Missouri Mattress & Glove Mfg. Co., Cape Girardeau, Mo.
Millholen B. D., Cedar Rapids, Ia.
Milwaukee Wadding & Comfort Mills, 415 3d av, Milwaukee, Wis.
Minneapolis Bedding Co., E Henn av, Minneapolis, Minn.
Mobile Mattress Co., Mobile, Ala.
Montana Mattress & Furniture Co., Butte, Mont.
Mount Vernon Mattress & Furniture Co., Mount Vernon, Ill.
Montgomery Mattress Factory, Montgomery, Ala.
Muskogee Mattress & Mfg. Co., Muskogee, Okla.
Myers-Spalti Mfg. Co., Houston, Tex.
Nashville Spring & Mattress Co., Nashville, Tenn.
National Bedding Co., 510 Cherry, New York
National Bedding Co., Leavenworth, Kan.
National Bedding Co., Memphis, Tenn.
National Bedding Co., 237 S 2d, Phila., Pa.
National Mattress Co., Lynchburg, Va.
National Spring Bed Co., New Britain, Conn.
Nelson Bros., Wilkes-Barre, Pa.
Northwestern Bedding & Mfg. Co., Wycliff N cor Bradford, St. Paul, Minn.
Nelson M. Furniture Co., Astoria, Ore.
New York Bedding Co., 96 Suffolk, New York
Niedringhaus Chas., House Furnishing Co. 1003 Franklin av, St. Louis, Mo.
Newark Spring Mattress Co., 80 Madison, Newark, N. J.
New England Bedding Co., 321 Congress, Boston, Mass.
New York Mattress Co., 32 Green, Boston, Mass.
Norfolk Bed Mfg. Co., Norfolk, Va.
Norfolk Mattress Co. (Combination Straw & Cotton), Norfolk, Va.
Northwestern Bedding & Mfg. Co., Wycliff, N W cor Bradford, St. Paul, Minn.
Norton Mattress & Mfg. Co., Norton, Va.
Oates Mattress Co., Little Rock, Ark.
Ohio Spring Bed Co., Cleveland, O.
Ohio Valley Mattress Co., Wheeling, W. Va.
Oklahoma Spring Bed Mfg. Co., Oklahoma, Okla.
Olive & Myers Mfg. Co., Dallas, Tex.
Olmsted & Tuttle Co., Chicopee, Mass.
Onondaga Bed Mfg. Co., Syracuse, N. Y.
Orleans Felt Mattress Works, 512 Conti, New Orleans, La.
Orrville Bedding Co., Orrville, O.
Oshkosh Bedding & Couch Co., Oshkosh, Wis.
Osiason J., Fall River, Mass.
Ostermoor & Co., 116 Elizabeth, New York
Otis Bed Mfg. Co., 170 Florida, Buffalo, N. Y.
Pabst & Schaller, 111 E 12th, Cincinnati, O.
Paine C. S. Co., Grand Rapids, Mich.
Paine Furniture Co., 81 Arlington, Boston, Mass.
Payne Chas. T. Co., Lincoln, Neb.
Paetz Chas. H., St. Joseph, Mo.
Palmer Galvanic Bed Co., 231 E 9th, New York
Palmer & Hardin, Louisville, Ky.
Paris Mattress Mfg. Co., Paris, Tex.
Parkersburg Mattress Co., Parkersburg, W. Va.
Parlor Furniture & Mattress Co., Fremont, Neb.
Patton-Black Mfg. Co., Jackson, Tenn.
Peerless Bedding Co., Bellefontaine, O.
Pensacola Mattress Co., Pensacola, Fla.
Peoria Lounge & Mattress Co., Peoria, Ill.
Perfection Mattress & Spring Co., Birmingham, Ala.
Petrik J. F. & Sons, Topeka, Kans.
Pettit Feather & Bedding Co., Portland, Ore.
Phillips & Osborn, 711 E 47th, Chicago, Ill.
Plotkin S. J., Johnstown, Pa.
Porterfield Ira J., 2019 Ridge av, Phila., Pa.
Preuss R. J. Co., 388 38th, Milwaukee, Wis.
Puritan Bed Spring Co., 902 Kentucky av, Indianapolis, Ind.
Queen City Mattress Co., 946 Betts, Cincinnati, O.
Raider David, 518 E 20th, New York
Rehkopfs Mattress Co., Texarkana, Tex.
Renn-Davis & Co. (All Kinds), Portsmouth, Va.
Rhein Bros., 6011 S State, Chicago, Ill.
Richards Fred J., Springfield, Mass.
Riverside Mfg. Co., Moultrie, Ga.
Roberti Bros., 1342 Long Beach av, Los Angeles, Cal.
Robinson-Roders Co., 27 N. J. R. R. av, Newark, N. J.
Rock River Cotton Co., Janesville, Wis.
Rogers Chas. P. & Co., 14 E 33d, New York
Rose Spring & Mattress Co., Memphis, Tenn.
Royal Chair Co., Sturgis, Mich.
Royall & Borden, Goldsboro, N. C.
Rubenstein H. & Co., 670 W 14th, Chicago, Ill.
Rudge & Guenzel Co., Lincoln, Neb.
Runyon J. D. Mfg. Co., 190 1st, Jersey City, N. J.
Russell L. R., Bay City, Mich.
Russell & Russell, South Bend, Ind.
Sacramento Wire Mattress Co., Sacramento, Cal.
Salem Mattress Co., Salem, Va.
Salisbury & Satterlee Co., 201 SE Main, Minneapolis, Minn.
Salt Lake Mattress & Mfg. Co., Salt Lake City, Utah
Sammet G. W. & Son Co., 8 Atlantic av, Boston, Mass.
Sanitary Feather Co., 422 S Canal, Chicago, Ill.
Sanitary Felting & Mattress Co., South Bend, Ind.

MATTRESSES—continued

Sanitary Mattress Co., Youngstown, O.
Savage B. B. & Co., New Haven, Conn.
Scaritt-Comstock Furniture Co., St. Louis, Mo.
Schaefer Joseph, Fort Wayne, Ind.
Schick Wm. Mfg. Co., Topeka, Kans.
Schmitt & Henry Mfg. Co., Des Moines, Ia.
Schmidt-Bedding Co., 966 30th, Milwaukee, Wis.
Schmitz Joseph, Lancaster, Pa.
Schultz & Hirsch Co., 1300 Fulton, Chicago, Ill.
Schuster & Co., 414 N Howard, Baltimore, Md.
Schwartz Abraham, 62 Bergen, Brooklyn, N. Y.
Scranton Bedding Co., Scranton, Pa.
Sealy Mattress Co., Sugarland, Tex.
Seattle Mattress & Uph. Co., Seattle, Wash.
Seeboth Albert G. Co., 230 Mineral, Milwaukee, Wis.
Sheboygan Mattress Co., Sheboygan, Wis.
Shephard Norwell Co., 30 Winter, Boston, Mass.
Shreveport Mattress Co., Shreveport, La.
Sigmon Furniture Mfg. Co., Chickasha, Okla.
Simmang Frank, San Antonio, Texas
Sleep Well Mattress Co., Los Angeles, Cal.
Smith Brothers, Ogden, Utah
Smith Bros. & Bryon, Philadelphia, Pa.
Smith Mattress Co., Marion, O.
Smith & Jones, 216 E 37th, New York
Southern Bagging Co., Norfolk, Va.
Southern Spring Bed Co., Atlanta, Ga.
Southern Bedding Mfg. Co., Austin, Tex.
Southern Furniture Co., Texarkana, Tex.
Southern Mattress Co., 1109 Annunciation, New Orleans, La.
Specialty Mattress Co., Huntington, West Va.
Sperry & Beale Co., 141 King, Brooklyn, N. Y.
Springfield Mattress Co., Springfield, O.
Springfield Mattress Co., Springfield, Ill.
St. Louis Felt & Bedding Co., 208 S 17th, St. Louis, Mo.
Standard Bedding Co., 113 Chicago, Milwaukee, Wis.
Stearns & Foster Co., Lockland, O.
Stengel Barney, 421 9th av, New York
Stockwell L. W. Co., 400 S Alameda, Los Angeles, Cal.
Sumergrade N, 31 Tompkins, New York
Superior Mattress Co., St. Louis, Mo.
Sussman Harris, 232 E 111th, New York
Taylor Bedding Mfg. Co., Taylor, Texas
Taylor Mattress Co., Salisbury, N. C.
Taylor W. W. & Sons, Big Stone Gap, Va.
Terre Haute Spring & Mattress Co., Terre Haute, Ind.
Threadcraft E. C., Norfolk, Va.
Tillman Brothers, La Crosse, Wis.
Toledo Mattress Factory, Toledo. O.
Towbin Louis, 1052 Myrtle av, Brooklyn, N. Y.
Trenton Spring Mattress Co., Trenton, N. J.
Triumph Couch Bed Co., 8 Bartlett sq, Boston, Mass.
Trouton Mattress Co., Atlanta, Ga.
Troy Woven Wire Spring Co., Troy, N. Y.
Turner Bedding Factory, Pine Bluff, Ark.
Twin City Bedding Co., Marinette, Wis.
Uchtman F. H. & Co., 209 Woodward, Cincinnati, O.
Union Mattress Co., Sioux City, Ia.
Union Mattress Co., Owosso, Mich.
Union Wire Mattress Co., Blackhawk & Cherry, Chicago, Ill.
U. S. Bedding Co., Memphis, Tenn.
United States Bedding Co., Arundel & Minnehaha, St. Paul, Minn.
Universal Safety Mattress Co., Baltimore, Md.
Utah Bedding & Mfg. Co., Salt Lake City. Utah
Utica Bedding Factory, Utica, N. Y.
Van Vorst C. B. Co., Los Angeles, Cal.
Vincent Frank J., Little Falls, N. Y.
Waco Mattress Factory, Waco, Texas
Wakeman R. & Son, Saugatuck, Conn.
Walpert Fred & Co., Mattresses & (Steam) Curled Hair), 100-8 N Guy, Baltimore, Md.
Walsh M. S., Williamsport, Pa.
Warren Carpet Cleaning & Mattress Co., Malden, Mass.
Warshauer Alex., 124 Ralph av, Brooklyn, N. Y.
Washington Mattress Co., Seattle, Wash.
Waterbury Mattress Co., Waterbury, Conn.
Watertown Mattress Mfg. Co., Watertown, N. Y.
Wecker & Co., 1437 Milwaukee av, Chicago, Ill.
Wegman Wm. J. Co., Rochester, N. Y.
Weigell A. & Son, 320 Broadway, Milwaukee, Wis.
Weisberg Max, 375 Pacific, Brooklyn, N. Y.
Welch E. B. Co., El Paso, Texas
Wesner-Rast Mfg. Co., Cameron, South Carolina
Wessel Herman Mfg. Co., 616 Main, Cincinnati, O.
West End Mattress Co., 68 Pitts, Boston, Mass.
Western Furniture & Mfg. Co., Lincoln, Neb.
Western Mattress & Bedding Co., Liberty & Baymiller, Cincinnati, O.
Western Wire Mattress Co., 2401 17th, San Francisco, Cal.
Wetterhold Geo., Wichita, Kans.
Wheeling Mattress Co., Wheeling, West Va.
Wichita Mattress Co., Wichita, Kans.
Wiegner-King Co., 422 N Marshall St., Philadelphia, Pa.
Woefel & Bros., 1703 Fleet, Baltimore, Md.
Woerner M. N., 616 Blackhawk, Chicago, Ill.
Wolf Paul E. Bedding Co., Fort Wayne, Ind.
Wolfberg Jacob, Altoona, Pa.
Woodward & Lathrop, Washington, D. C.
Wuest Adam, 514 E Pearl, Cincinnati, O.
Youngstown Mattress Co., Youngstown, O.
Ziegler Bedding Co., Calumet, Mich.

9629— Mattresses (Air)

Mechanical Fabric Co., 40 Sprague, Providence, R. I.

9630—Mattresses (Cotton Felt)

See also Mattresses

Acme Mattress Co., Kansas City, Mo.
Acme Spring Bed & Mattress Co., Fort Smith, Ark.
Adams Mattress Co., Adams, Mass.
Advance Bedding Co., La Crosse, Wis.
American Bedding Co., Superior, Wis.
Anchor Spring & Bedding Co., Nashville, Tenn.
Anderson Mattress Co., Anderson, Ind.
Angelus Couch & Furniture Mfg. Co., Los Angeles, Cal.
Athens Mattress & Spring Bed Co., Athens, Ga.
Bellingham Bedding Co., Bellingham, Wash.
Berger William & Co., 392 Florida, Milwaukee, Wis.
Bernstein Mfg. Co., 3d & Allegheny, Phila., Pa.
Boll Bros. Mfg. Co., Harrisburg, Pa.
Broadway Bedding Co., Louisville, Ky.
Buckeye Bedding Co., Dayton, O.
Buffalo Mattress Co., 135 Church, Buffalo, N. Y.
Burnett Tom B. Co., Dallas, Tex.
Colonial Bedding Co., Fredericksburg, Va.
Colorado Bedding Co., Pueblo, Colo.
Columbia Feather Co., 413 W Huron, Chicago, Ill.
Continental Bedding Co., 86 Beverly, Boston, Mass.
Continental Bedding Mfg. Co., 1636 Bryant, San Francisco, Cal.
Cream City Bedding Co., 3200 Fond du Lac av, Milwaukee, Wis.
Crescent Felt Mattress Co., 400 N Jefferson, Davis parkway, New Orleans, La.
Denison Mattress Factory, Denison, Tex.
Denver Bedding Co., Denver, Colo.
Burton Dixie Corp., 1319 Michigan av, Chicago, Ill.
Dubuque Mattress Factory, Dubuque, Ia.
Eau Claire Bedding Co., Eau Claire, Wis.
Falls City Bedding Co., Louisville, Ky.
Fort Pitt Bedding Co., Liverpool & Preble, Pittsburgh, Pa.
Foster Bros. Mfg. Co., 320 N Holiday, Baltimore, Md.
Graham Mattress Co., Graham, Va.
Hammond Bedding Co., Hammond, Ind.
Hard Mfg. Co., 117 Tonawanda, Buffalo, N. Y.
Haynes Mattress Factory, Sealy, Tex.
Hemenway Furniture Co., Alexandria, La.
Hot Blast Feather Co., Grand Rapids, Mich.
International Bedding Co., Chase & Guilford, Baltimore, Md.
James River Furniture & Mattress Co., Richmond, Va.
Joppa Mattress Co., Little Rock, Ark.
King-Fisher Mattress Co., Portland, Ore.
Lewis Comyn, Charlestown, W. Va.
Little Rock Mattress Co., Little Rock, Ark.
Macon Mattress Mfg. Co., Macon, Ga.
Milwaukee Bedding Co., 292 4th, Milwaukee, Wis.
Montana Mattress & Furniture Co., Butte, Mont.
Mount Vernon Mattress & Furniture Co., Mount Vernon, Ill.
National Bedding Co., 237 S 2d, Phila., Pa.
New England Bedding Co., 321 Congress, Boston, Mass.
Norfolk Mattress Co., Norfolk, Va.
Olmsted & Tuttle Co., Chicopee,, Mass.
Orleans Felt Mattress Works, 512 Conti, New Orleans, La.
Orrville Bedding Co., Orrville, O.
Oshkosh Bedding & Couch Co., Oshkosh, Wis.
Ostermoor & Co., 116 Elizabeth, New York
Paris Mattress Mfg. Co., Paris, Tex.
Parlor Furniture & Mattress Co., Fremont, Neb.
Queen City Mattress Co., 946 Betts, Cincinnati, O.
Raider David, 518 E 20th, New York
Rock River Cotton Co., Janesville, Wis.
Salt Lake Mattress & Mfg. Co., Salt Lake City, Utah
Sammet G. W. & Son Co., 8 Atlantic av, Boston, Mass.
Sanitary Felting & Mattress Co., South Bend, Ind.
Schaefer Joseph, Fort Wayne, Ind.
Scranton Bedding Co., Scranton, Pa.
Sealy Mattress Co., Sugarland, Texas
Seattle Mattress & Uph. Co., Seattle, Wash.
Sleep Well Mattress Co., Los Angeles, Cal.
Smith Bros. & Bryan, Philadelphia, Pa.
Southern Bedding Mfg. Co., Austin, Texas
Southern Mattress Co., 1109 Annunciation, New Orleans, La.
Springfield Mattress Co., Springfield, Ill.
St. Louis Felt & Bedding Co., 208 S 17th, St. Louis, Mo.
Stengel Barney, 421 9th av, New York
Stearns & Foster Co., Lockland, O.
Superior Mattress Co., St. Louis, Mo.
Taylor Mattress Co., Salisbury, N. C.
Twin City Bedding Co., Marinette, Wis.
Turner Bedding Factory, Pine Bluff, Ark.
U. S. Bedding Co., Memphis, Tenn.
Vincent Frank J., Little Falls, N. Y.
Washington Mattress Co., Seattle, Wash.
Washtik Co., Nicholas bldg, Toledo, O.
Waterbury Mattress Co., Waterbury, Conn.
Wecker & Co., 1437 Milwaukee av, Chicago, Ill.
Western Furniture & Mfg. Co., Lincoln, Neb.
Youngstown Mattress Co., Youngstown, O.
Ziegler Bedding Co., Calumet, Mich.

9631—Mattresses (Excelsior)

Anderson Mattress Co., Anderson, Ind.
Boll Bros. Mfg. Co., Harrisburg, Pa.
Buffalo Mattress Co., 315 Church, Buffalo, N. Y.
Mount Vernon Mattress & Furniture Co., Mount Vernon, Ill.
Muskogee Mattress & Mfg. Co., Muskogee, Okla.
Riverside Mfg. Co., Moultrie, Ga.

9632— Mattresses (Hair)

See also Mattresses

Acme Mattress Co., Kansas City, Mo.
Adams Mattress Co., Adams, Mass.
Augusta Bedding Co., Augusta, Ga.
Baker O. D. Co., 60 Canal, Boston, Mass.
Bangor Mattress Co., Bangor, Me.
Berger William & Co., 392 Florida, Milwaukee, Wis.
Bernstein Mfg. Co., 3d & Westmoreland, Phila., Pa.
Boll Bros. Mfg. Co., Harrisburg, Pa.
Broadway Bedding Co., Louisville, Ky.
Buffalo Mattress Co., Church & Jackson, Buffalo, N. Y.
Colonial Bedding Co., Fredericksburg, Va.
Columbia Feather Co., 413 W Huron, Chicago, Ill.

Cudahy Packing Co., 111 W Monroe, Chicago, Ill.
Denison Mattress Factory, Denison, Tex.
Eau Claire Bedding Co., Eau Claire, Wis.
Graham Mattress Co., Graham, Va.
Hard Mfg. Co., 117 Tonawanda, Buffalo, N. Y.
Hunt M. A. Co., Dempsey & C. H. & D. Ry., Cincinnati, O.
International Bedding Co., Chase & Guilford, Baltimore, Md.
Kentucky Bedding Co., Louisville, Ky.
Kindel Bedding & Renovating Co., Denver, Colo.
Knoxville Excelsior & Mattress Co., Knoxville, Tenn.
Lewis Comyn, Charlestown, W. Va.
McHose & Pardoe, Fargo, North Dak.
Marion Mattress Co., Marion, Ind.
Mount Vernon Mattress & Furniture Co., Mount Vernon, Ill.
Muskogee Mattress & Mfg. Co., Muskogee, Okla.
Nashville Spring & Mattress Co., Nashville, Tenn.
National Bedding Co., 237 S 2d, Phila., Pa.
Orleans Felt Mattress Works, 512 Conti, New Orleans, La.
Orrville Bedding Co., Orrville, O.
Ostermoor & Co., 116 Elizabeth, New York
Paris Mattress Mfg. Co., Paris, Texas
Parkersburg Mattress Co., Parkersburg, West Va.
Peerless Bedding Co., Bellefontaine, O.
Rose Spring & Mattress Co., Memphis, Tenn.
Rudge & Guenzel Co., Lincoln, Neb.
Salisbury & Satterlee Co., 201 S E Main, Minneapolis, Minn.
Salt Lake Mattress & Mfg. Co., Salt Lake City, Utah
Sammet G. W. & Son Co., 8 Atlantic av, Boston, Mass.
Sanitary Mattress Co., Youngstown, O.
Schaefer Joseph, Fort Wayne, Ind.
Schneldt-Aug. (Curled), Muskegon, Mich.
Schultz & Hirsch Co., 1300 Fulton, Chicago, Ill.
Schwartz Abraham, 62 Bergen, Brooklyn, N. Y.
Scranton Bedding Co., Scranton, Pa.
Seattle Mattress & Uph. Co., Seattle, Wash.
Sleep Well Mattress Co., Los Angeles, Cal.
Smith Mattress Co., Marion, O.
Southern Mattress Co., 1109 Annunciation, New Orleans, La.
Specialty Mattress Co., Huntington, West Va.
Sperry & Beale Co., 141 King, Brooklyn, N. Y.
Springfield Mattress Co., Springfield, Ill.
St. Louis Felt & Bedding Co., 218 S 17th, St. Louis, Mo.
Stengel Barney, 421 9th av, New York
Superior Mattress Co., St. Louis, Mo.
Taylor Mattress Co., Salisbury, N. C.
Turner Bedding Factory, Pine Bluff, Ark.
Twin City Bedding Co., Marinette, Wis.
Utah Bedding & Mfg. Co., Salt Lake City, Utah
Wecker & Co., 1437 Milwaukee av, Chicago. Ill.
Welch E. B. Co., El Paso, Texas
West End Mattress Co., 68 Pitts, Boston, Mass.
Western Mattress & Bedding Co., Liberty & Baymiller, Cincinnati, O.
Wheeling Mattress Co., Wheeling, W Va.
Wiegner-King Co., 422 N Marshall, Philadelphia, Pa.
Woll Peter & Sons, Mascher & Berks, Philadelphia, Pa.
Wuest Adam, 514 E Pearl, Cincinnati, O.
Youngstown Mattress Co., Youngstown, Ohio

9633—Mattresses (Silk Floss)

See also Mattresses

Advance Bedding Co., La Crosse, Wis.
Angelus Couch & Furniture Mfg. Co., 3917 S Main, Los Angeles, Cal.
Bernstein Mfg. Co., 3d & Allegheny av, Phila., Pa.
Boll Bros. Mfg. Co., Harrisburg, Pa.
Buffalo Mattress Co., 135 Church, Buffalo, N. Y.
Colonial Bedding Co., Fredericksburg, Va.
Colorado Bedding Co., Pueblo, Colo.
Enterprise Mattress Co., 29 Beverly, Boston, Mass.
International Bedding Co., Chase & Guilford, Baltimore, Md.
Milwaukee Bedding Co., 292 4th, Milwaukee, Wis.
Norfolk Mattress Co., Norfolk, Va.
Orleans Felt Mattress Works, 512 Conti, New Orleans, La.
Orrville Bedding Co., Orrville, O.
Oshkosh Bedding & Couch Co., Oshkosh, Wis.
Robinson-Roders Co., 27 N. J. R. R. av, Newark, N. J.
Schwartz Abraham, 62 Bergen, Brooklyn, N. Y.
Sperry & Beale Co., 141 King, Brooklyn, N. Y.
Springfield Mattress Co., Springfield, Ill.
Stengel Barney, 421 9th av, New York
Taylor Mattress Co., Salisbury, N. C.
Twin City Bedding Co., Marinette, Wis.
Warren Carpet Cleaning & Mattress Co., Malden, Mass.
Wecker & Co., 1437 Milwaukee av, Chicago, Ill.
Wuest Adam, 514 E Pearl, Cincinnati, O.

9634—Mattresses (Woven Wire)

See also Mattresses

Abbott John G. (Est. of), Antrim, N. H.
Acme Spring Bed & Mattress Co., Fort Smith, Ark.
Advance Bedding Co., La Crosse, Wis.
American Bed Co., 18th & Park av, St. Louis, Mo.
Anchor Spring & Bedding Co., Nashville, Tenn.
Anderson Mattress & Spring Bed Co., Anderson, S. C.
Athens Mattress & Spring Bed Co., Athens, Ga.
Atlanta Metal Bed Co., Atlanta, Ga.
Automatic Woven Wire Supply Co., Mangin & Delancey, New York
Barber Mfg. Co., Anderson, Ind.
Berger William & Co., 392 Florida, Milwaukee, Wis.
Bernstein Mfg. Co., 3d & Westmoreland, Phila., Pa.
Billow-Firestone Co., Columbus, O.
Birmingham Bed Co., Birmingham, Ala.
Bloom & Godley Co., Trenton, N. J.
Boll Bros. Mfg. Co., Harrisburgh, Pa.
Brandt A. Upholstering Co., Fort Worth, Texas
Brown Bed Mfg. Co., Kansas City, Mo.
Bunting J. R. Bedding Co., 1505 Wharton, Phila., Pa.
Carlson L. M., Grand Island, Nebr.
Carmen Mfg. Co., Portland, Ore.
Carthage Superior Spring Bed Mfg. Co., Carthage, Mo.
Champion Bed Spring Co., E 37th, Cleveland, O.
Cleveland Wire Spring Co. ("Hercules"), Cleveland, O.
Clinton Furniture Co., Clinton, Ia.
Corry Bed Spring Co., Corry, Pa.
Cream City Bedding Co., 3200 Fond du Lac av, Milwaukee, Wis.
Crescent Bed Co., Ltd., Gravier & Broad, New Orleans, La.
Curtiss Bros., Richland, N. Y.
Deinzer Mfg. Co., 57 Catherine, Detroit, Mich.
Dubuque Mattress Factory, Dubuque, Ia.
Eckerson Bedding Co., Mechanicsville, N. Y.
Empire Spring Bed Works, Elmira, N. Y.
Englander Spring Bed Co., 615 W 39th, Chicago, Ill.
Enterprise Bed Co., Hammond, Ind.
Evansville Metal Bed Co., Evansville, Ind.
Evansville Surprise Bed Spring Co., Evansville, Ind.
Florida Spring Bed Mfg. Co., Jacksonville, Fla.
Fort Dodge Bedding Co., Fort Dodge, Ia.
Foster Bros. Mfg. Co., 320 N Holliday, Baltimore, Md.
Foster Bros .Mfg. Co., B'way & Buchanan, St. Louis, Mo.
Foster Bros. Mfg. Co., Utica, N. Y.
Gallup & Lewis, Jackson, Mich.
Gangelhoff Bros., 909 S 2nd, Minneapolis, Minn.
Gasau-Thompson Co., 10 Ashland pl, Brooklyn, N. Y.
Gholstin Spring Mattress Co., Atlanta, Ga.
Gladstone Mattress Co., Huntington, W. Va.
Granite State Spring Bed Co., Nashua, N. H.
Haggard & Marcusson Co., 1109 W 37th, Chicago, Ill. *See adv index at end of book*
Hard Mfg. Co., 117 Tonawanda, Buffalo, N. Y.
Hasselbarth C. O., Albany, N. Y.
Hasselbarth-Whiton Co., Utica, N. Y.
Herr Mfg. Co., Lancaster, Pa.
Hodges F. G., Reading, Pa.
Holman John & Co., 134 Richmond, Boston, Mass.
Hunt Spring Bed Co., Chattanooga, Tenn.
Huntington Spring Bed Co., Huntington, W. Va.
Jamestown Spring Bed Co., Jamestown, N. Y.
Karr Francis Co., 1322 W Monroe, Chicago, Ill.
Kauffman Mfg. Co., Ashland, O.
Kinney-Rome Co., 3617 S Racine av, Chicago, Ill.
Lariew J. R., Elmira, N. Y.
Laycock T. B. Son & Co., Indianapolis, Ind.
Leggett & Platt Spring Bed & Mfg. Co., Carthage, Mo.
Manhattan Spring Bed Co., 9 Elizabeth, New York
Mellow & Storm Mfg. Co., 10th & Mullanphy, St. Louis, Mo.
Metal Furniture Co., Evansville, Ind.
Metzger Mattress Co., Atlanta, Ga.
Milwaukee Women Wire Works, 3014 Clarke, Milwaukee, Wis.
Morrow Jas. R., Fort Wayne, Ind.
Moore Mfg. Co., Muncie, Ind.
Myers-Spalti Mfg. Co., Houston, Texas.
National Bedding Co., 237 S 2nd, Phila., Pa.
National Spring Bed Co., New Britain, Conn.
Newark Spring Mattress Co., 80 Madison, Newark, N. J.
New England Bedding Co., 321 Congress, Boston, Mass.
New Haven Spring Bed Co., New Haven, Conn.
Norfolk Mattress Co., Norfolk, Va.
Ohio Spring Bed Co., Cleveland, O.
Oklahoma Spring Bed Mfg. Co., Oklahoma, Oklahoma
Pacific Spring Bed Co., Berkeley, Cal.
Pacific Steel Furniture Mfg. Co., Seattle, Wash.
Palmer Galvanic Bed Co., 231 E 9th, New York
Perfection Bed Spring Co., Mansfield, O.
Pittsburgh-Hickson Co., Butler, Pa.
Pittsburgh Metal Bed Co., 1136 Brown, Pittsburgh, Pa.
Premier Spring Bed Co., 218 Utah, San Francisco, Cal.
Preuss R. J. Co., 388 38th, Milwaukee, Wis.
Puritan Bed Spring Co., 902 Kentucky av, Indianapolis, Ind.
Queen City Iron Folding Bed Co., 26 W 3d, Cincinnati, O.
Reilly & Manz, 192 R R av, Jersey City, N. J.
Rogers Chas. P. & Co., 14 E 33rd, New York
Rose Spring & Mattress Co., Memphis, Tenn.
Rudgear-Merle Co., Bay & Stockton, San Francisco, Cal.
Sammet G. W. & Son Co., 8 Atlantic av, Boston, Mass.
Sanitary Folding Bed & Mfg. Co., Kansas City, Mo.
Schmitt & Henry Mfg. Co., Des Moines, Ia.
Schomer Henry Co., 509 Mather, Chicago, Ill.
Shannon Bed Spring Co., Louisville, Ky.
Simmons Co., Kenosha, Wis.
Smith & Davis Mfg. Co., 20th & Locust, St. Louis, Mo.
Southern-Rome Co., 623 W Pratt, Baltimore, Md.
Southern Spring Bed Co., Atlanta, Ga.
Staples & Hanford Co., Newburgh, N. Y.
Sussman Harris, 232 E 111th, New York
Trenton Spring Mattress Co., Trenton, N. J.
Troy Woven Wire Spring Co., Troy, N. Y.
Turk Jos. Mfg. Co., Bradley, Ill.
Union Wire Mattress Co., Blackhawk & Cherry, Chicago, Ill.
U. S. Cabinet Bed Co., 336 Delancey, New York
United States Spring Bed Co., Springfield, Mass.
Van Vorst C. B. Co., Los Angeles, Cal.
Victor Spring Bed Co., 208 W. Robinson, Pittsburgh, Pa.

MATTRESSES (WOVEN WIRE)—cont'd.
Vincent-Alward Co., Kenosha, Wis.
Wagner Spring Bed Mfg. Co., Holyoke, Mass.
Weborg Bros. Spring Bed Co., Jamestown, N. Y.
Weisglass S. & Co., 13 Montana av, B'klyn, N. Y.
Wesner-Rast Mfg. Co., Cameron, S. C.
West End Spring Bed Co., 66 Pitts, Boston, Mass.
Western Wire Mattress Co., 16th & San Bruno av, San Francisco.
York Woven Wire Mattress Co., York, Pa.
Zimmer Geo. W., 2743 High, Chicago, Ill.

9635— Mauls (Coal)

Beall Bros. (Long & Short), Alton, Ill.
Warren Tool & Forge Co., Warren, O.

9636—Mauls (Post, Cast Iron, Etc.)

Barber Mfg. Co., Ashtabula, O.
Eagle Machine Co., Lancaster, O.
Gowanda Agricultural Works, Gowanda, N. Y.
Indiana Foundry Co., Indiana, Pa.
Kramer Bros. Foundry Co., Dayton, O.
Lyon Iron Works, Greene, N. Y.
McDowell Foundry Co., Chicago Heights Ill.
Munnsville Plow Co. (Also Stone Breaking), Munnsville, N. Y.
Quinn Wire & Iron Works, Boone, Ia.
Racine Malleable & Wrought Iron Co., Racine, Wis.
Rock Island Mfg. Co., Rock Island, Ill.
Root-Heath Mfg. Co., Plymouth, O.
South Bend Foundry Co., South Bend, Ind.
Sperry D. R. & Co. (Pig, Metal & Wood Face), Batavia, Ill.
Swett A. L. Iron Works, Medina, N. Y.
Thayer Foundry Co., Atchison, Kans.
Wagner Mfg. Co., Sidney, O.
Wapak Hollowware Co., Wapakoneta, O.
Weller Hardware & Fdry. Co., Horseheads, N. Y.
Western Fdry. & Sash Weight Co., 2nd & Miller, St. Louis, Mo.
Western Implemeent Co., Port Washington, Wis.
Western Iron & Foundry Co., Wichita, Kans.

9637— Mauls (Post, Wooden)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Hellenberg J. B. Co. (Plumbers & Well Drillers), Coldwater, Mich.
Kohaut John C., 117 Green, Newark, N. J.
New York Mallet & Handle Wks., 742 E 11th, New York
Prouty C. & Co., Eldred, Pa.
Stephenson Mfg. Co., South Bend, Ind.
Stossel Carl & Co. (Boilermakers, etc.), Front Royal, Va.
Tatem J. B. & Son (Heavy), Putnam, Conn.
Woodstock Mfg. Co., Charleston, S. C.

Mauls (Railroad or Spike)

See Mauls, Regular Line.

Mauls (Rawhide)

See Mallets, Rawhide

9638— Mauls (Regular Line)

See also Hammers, Heavy

Beall Bros., Alton, Ill.
Black John B., Co., Chester, Pa.
Bradley G. W. Axe & Tool Mfg. Co., Newburgh, N. Y.
Collins Co., Collinsville, Conn.
Evansville Tool Works, Evansville, Ind.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Iron City Tool Works, Ltd., 3201 Smallman, Pittsburgh, Pa.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Klein-Logan Co. (Cast Steel), 13th & Breed, Pittsburgh, Pa.
Lehr Agricultural Co. (Wood Choppers Only), Fremont, Ohio
McInnes Steel Co. (Ltd.), (Wood Choppers), Corey, Pa.
Plumb Lafayette R. (Inc.), Tucker & James, Phila., Pa.
Prouty C. & Co. (Wood Choppers), Eldred, Pa.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Swett A. L. Iron Works, Medina, N. Y.
Verona Tool Works, Oliver bldg, Pittsburgh, Pa., & Verona, Pa.
Warren Tool & Forge Co. (Woodchopper & Spike), Warren, O.
Warwood Tool Co., Warwood, Wheeling, W. Va.
Wilcox, Crittenden & Co. (Ship Only), Middletown, Conn.

9639— Mauls (Sewer)

Channon Jas. H. Mfg. Co. (Wood), 227 W Erie, Chicago, Ill.
Ransome-Leach Co. (Maple, Iron Bound), 115 B'way, New York
Stossell, Carl & Co. ("Hickory Iron Bound"), Front Royal, Va.

Mauls (Ship or Top)

See Mauls, Regular Line

Mauls (Woodchoppers')

See Mauls, Regular Line

9639a— Mauls— (Wooden)

See also Mauls, Post, Wooden

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Mausoleum Doors & Gates

See Bronze Doors

9640—*Mausoleum Doors & Mortuary Work (Bronze)

GORHAM CO. ARCHITECTURAL BRONZE, 5th av & 36th, New York
See adv index at end of book

9641— Meal (Alfalfa)

Alfalfa Meal & Milling Co., Cherokee, Okla.
Alfalfa Products Co., Sunnyside, Wash.
Artesian Valley Alfalfa Milling Co., Fowler, Kans.
Clinton Alfalfa Milling Co., Clinton, O.
Consolidated Alfalfa Milling Co., Newton, Kans.
Hord T. B. Alfalfa Meal Co., Central City, Neb.
International Sugar Feed Co., 15 av S E & Rollins, Minneapolis, Minn.
Kearney Alfalfa Meal Co., Kearney, Neb.
Mitchell Alfalfa Milling & Light Co., Mitchell, Neb.
Omaha Alfalfa Milling Co., Omaha, Neb.
Pecos Valley Alfalfa Mill Co., Hagerman, New Mexico
Thompson C. C. & Co., 164 Market, Newark, N. J.
Tioga Mill & Elevator Co., Waverly, N. Y.
Weiss Otto Milling Co., Wichita, Kans.
York Alfalfa Mills, York, Neb.

9642— Meal (Almond)

Bittner G. C. Co., Toledo, O.
Costen W. A. Co., Pocomoke City, Md.
Freeman Perfume Co., Cincinnati, O.
Holton & Adams, 29 E 22d, New York
Napier Chemical Co., 80 Pearl, New York
Peroxident Mfg. Co., 2017 Chouteau av, St. Louis, Mo.
Salem Chemical & Supply Co., Salem, Mass.
Vail Bros., 344 N 5th, Phila., Pa.

9643— Meal (Cottonseed)

Abbott Manufacturing Co., Louisville, Ga.
Allendale Cotton Oil & Fertilizer Co., Allendale, S. Car.
American Cotton Oil Co., 65 B'way, New York
Amsler C. (Est. of), Hempstead, Tex.
Anderson County Cotton Oil Co., Palestine, Tex.
Anderson Phosphate & Oil Co., Anderson, S. C.
Ashcraft, Wilkinson Co., Atlanta, Ga.
Atlanta Cotton Oil Co., Atlanta, Ga.
Austin Oil Mfg. Co., Austin, Tex.
Autauga Oil & Feritilizer Co., Plattsville, Ala.
Bertie Cotton Oil Co., Aulander, N. C.
Blackshear Manufacturing Co., Blackshear, Ga.
Blossom Oil & Cotton Co., Blossom, Tex.
Blue Ridge Cotton Oil Mill, Travelers Rest, S. C.
Boaz Cotton Oil Co., Boaz, Ala.
Bowie County Cotton Oil Co., New Boston, Tex.
Brenham Compress Oil & Mfg. Co., Brenham, Tex.
Brookhaven Cotton Oil & Fertilizer Co., Brookhaven, Miss.
Brownsville Cotton Oil & Ice Co., Brownsville, Tenn.
Bryan Cotton Oil & Fertilizer Co., Bryan, Tex.
Butler Cotton Oil Co., Albertville, Ala.
Byromville Manufacturing Co., Byromville, Ga.
Caldwell Oil Mill Co., Caldwell, Tex.
Camden Oil & Fertilizer Co., Camden, Ark.
Cameron Cotton Oil Co., Cameron, Tex.
Cameron Oil Mill, Cameron, S. C.
Campobello Oil Mills, Campobello, S. C.
Canon Oil & Fertilizer Co., Canon, Ga.
Central Cotton Oil Co., Jackson, Miss.
Chatham Oil & Fertilizer Co., Pittsboro, N. C.
Cheraw Oil & Fertilizer Co., Cheraw, S. C.
Citizens' Cotton Oil Co., Cumby, Tex.
Clarendon Cotton Oil Co., St. Paul, S. C.
Clay County Cotton Oil Co., West Point, Miss.
Clay County Oil Mill & Fertilizer Co., Lineville, Ala.
Clayton Oil Mill, Clayton, N. C.
Clinton Oil Mills, Clinton, S. C.
Cochran Oil Mill & Ginnery, Cochran, Ga.
Columbia Cotton Oil Co., Magnolia, Ark.
Columbia County Cotton Oil Co., Harlen, Ga.,
Comer Oil Mill, Comer, Ga.
Commonwealth Cotton Oil Co., Cushing, Okla,
Concordia Oil Mills Co., Vidalia, La.
Consumers' Cotton Oil Mills, 39 S La Salle, Chicago, Ill.
Coronaca Oil Mill, Coronaca, S. C.
Corsicana Cotton Mills, Corsicana, Tex.
Cotton Oil Co., Bamberg, S. C.
Cotton Oil & Ginning Co., Scotland Neck, N. C.
Cottonseed Products Co., Roff, Okla.
Coweta Cotton Oil Mill, Newnan, Ga.
Cross Anchor Oil Mill, Cross Anchor, S. C.
Cuero Cotton Oil & Manufacturing Co., Cuero, Tex.
Cumming Oil & Fertilizer Co., Cumming, Ga.
Dadeville Cotton Oil Co., Dadeville, Ala.
Dallas Oil & Fertilizer Co., Dallas, Ga.
Dallas Oil & Refining Co., Dallas, Tex.
Darlington Cotton Oil Co., Darlington, S. C.
Denmark Oil & Fertilizer Co., Denmark, S. C.
Deport Cotton Seed Oil Co., Deport, Tex.
De Soto Cotton Oil Co., Mansfield, La.
De Soto Oil Co., Memphis, Tenn.
Detroit Oil & Cotton Co., Detroit, Texas
Dixie Cotton Oil Mill, Little Rock, Ark.
Dodd City Oil Mill Co., Dodd City, Texas
Donalds Oil Mill Co., Donalds, S. C.
Donaldsonville Oil Mill, Donaldsonville, Ga.
Dunn Oil Mills Co., Dunn, N. C.
Easley Oil Mill Co., Easley, S. C.
Eastern Cotton Oil Co., Hertford, N. C.
Eastman Oil Mills, Jonestown, Miss.
Elba Manufacturing Co., Charlotte, N. C.
Elberton Oil Mills, Atlanta, Ga.
Elgin Cotton Oil Co., Elgin, Texas
Empire Cotton Oil Co., Bainbridge, Ga.
Enterprise Cotton Oil Co., Enterprise, Ala.
Fairburn Oil & Fertilizer Co., Fairburn, Ga.
Farmer's Cotton Oil Co., Dothan, Ala.
Farmer's Cotton Oil Co., Farmersville, Texas
Farmer's Cotton Oil Co., La Grange, Ga.
Farmers' Cotton Oil Co., Wilson, N. C.
Farmer's Cotton Oil & Fertilizer Co., Toccoa, Ga.
Farmer's Cotton Seed Oil Mill, Martin, Ga.
Farmer's Oil Mill, Newberry, S. C.
Farmer's Oil Mill, Royston, Ga.
Farmville Oil & Fertilizer Co., Farmville, N. C.
Fayetteville Oil Co., Fayetteville, Ga.
Fidelity Cotton Oil Co., Houston, Texas
Fitzgerald Cotton Oil Co., Fitzgerald, Ga.
Fletcher W. B. & J. A., McColl, S. C.
Florida Cotton Oil Co., Chattanooga, Tenn.
Florida Cotton Oil Co., Jacksonville, Fla.
Florida Mfg. Co., Madison, Fla.
Flowery Branch Gin & Oil Co., Flowery Branch, Ga.
Fork Township Oil Mill, Townville, S. C.
Forney Cotton Oil & Ginning Co., Forney, Texas

Fort Motte Oil Cotton Co., Fort Motte, S. C.
Fremont Oil Mill Co., Fremont, N. C.
Glen Allan Oil Mill, Glen Allan, Miss.
Gonzales Cotton Oil & Mfg. Co., Gonzales, Texas
Grandview Cotton Oil Mill, Grandview, Texas
Greensboro Cotton Oil Co., Greensboro, Ala.
Hartsville Oil Mill, Hartsville, S. C.
Havens Oil Co., Washington, N. C.
Hazlehurst Oil Mill & Fertilizer Co., Hazlehurst, Miss.
Heard County Oil & Fertilizer Co., Franklin, Ga.
Heller Jos. S., 62 William, New York
Henderson Cotton Oil & Gin Co., Henderson, Texas
Hico Oil Mill, Hico, Texas
Highland Park Manufacturing Co., Charlotte, N. C.
Homer Cotton Oil Co., Homer, La.
Huntsville Cotton Oil Co., Huntsville, Texas
Huntsville Warehouse Co., Huntsville, Ala.
Independent Oil & Fertilizer Works, Columbus, Miss.
Indianola Cotton Oil Co., Indianoia, Miss.
Italy Cotton Oil Co., Italy, Texas
Jacksboro Oil & Milling Co., Jacksboro, Texas
Jefferson Oil & Fertilizer Co., Jefferson, S. C.
Jersey Oil Mill Co., Jersey, Ga.
Jonesville Oil Mill, Jonesville, S. C.
Kerens Cotton Oil Co., Kerens, Texas
Kershaw Oil Mills, Kershaw, S. C.
Kings Mountain Cotton Oil Co., Kings Mountain, N. C.
Kyle Oil & Gin Co., Kyle, Texas
La Fayette Cotton Oil Mills, La Fayette, Ala.
Lamar L. & E., Selma, Ala.
Laurel Oil & Fertilizer Co., Laurel, Miss.
Laurinburg Oil Co., Laurinburg, N. C.
Leder Oil Co., Demopolis, Ala.
Leesville Oil Mill Co., Leesville, S. C.
Lewis & Co., Edwards, Miss.
Lilly Oil Mill Co., Lilly, Ga.
Lockhart Oil & Gin Co., Lockhart, Texas
Logan County Cotton Oil Co., Paris, Ark.
Lone Oak Cotton Oil & Gin Co., Lone Oak, Texas
Longbridge Cotton Oil Co., Longbridge, La.
Longview Cotton Oil Co., Longview, Texas
Lowndesville Cotton Oil Co., Lowndesville, S. C.
McDonald & Weaver, Cuthbert, Ga.
Macon County Oil Co., Tuskegee, Ala.
Madill Oil & Cotton Co., Madill, Okla.
Magnolia Cotton Oil Co., Houston, Texas
Mandeville Mills. Carrollton. Ga.
Mangum Cotton Oil Co., Mangum, O.
Manning Oil Mill, Manning, S. C.
Marianna Mfg. Co., Marianna, Fla.
Marion Cotton Oil Co., Marion, S. C.
Meridian Fertilizer Factory, Meridian, Miss.
Monroe Oil & Fertilizer Co., Monroe, Ga.
Montezuma Mfg. Co., Montezuma, Ga.
Moorhead Oil Co., Moorhead, Miss.
Morrillton Cotton Oil Co., Morrillton, Ark.
Morton Oil Mills, Millen, Ga.
Munger Oil & Cotton Co., Mexia, Texas
Natchez Oil Mill, Natchez, Miss.
New Bern Cotton Oil & Fertilizer Mills, New Bern, N. C.
New Roads Oil Mill & Mfg. Co., New Roads, La.
Newton County Oil Co., Covington, Ga.
North Mississippi Oil Mills, Holly Springs, Miss.
Omaha Cotton Oil Co., Omaha, Texas
Osceola Cotton Oil Co., Osceola, Ark.
Palmetto Oil Co., Bishopville, S. C.
Panola Cotton Oil Co., Carthage, Texas
Pauline Oil & Fertilizer Co., Pauline, S. C.
Pelham Oil & Fertilizer Co., Pelham, Ga.
Pendleton Oil Mill, Pendleton, S. C.
Pendergrass Oil Mill, Pendergrass, Ga.
People's Cotton Oil Co., Selma, Ala.
Peoples' Oil & Fertilizer Co., Anderson, S. C.
Perkins Oil Co., Memphis, Tenn.
Phoenix Cotton Oil Co., Memphis, Tenn.
Pickens Oil & Fertilizer Co., Pickens, S. C.
Pilot Point Cotton Oil Mill Co., Pilot Point, Texas
Pine Level Oil Mills Co., Pine Level, N. C.
Pitts Fertilizer & Oil Co., Pitts, Ga.
Pittsburg Cotton Oil Co., Pittsburg, Texas
Planters' Chemical & Oil Co., Talladega, Ala.
Planters' Cotton Oil Co., Montgomery, Ala.
Planters' Cotton Oil Co., Augusta, Ga.
Planters' Cotton Oil & Fertilizer Co., Rockymount, N. C.
Planters' Oil Co., Albany, Ga.
Planters' Oil Mill, Tunica, Miss.
Planters' Oil Mill & Gin Co., Kosciusko, Miss.
Pomaria Oil Manufacturing Co., Pomaria, South Carolina
Pontotoc Cotton Oil Co., Pontotoc, Miss.
Port Gibson Oil Works, Port Gibson, Miss.
Portland Oil Mill, Portland, Ark.
Producers' Cotton Oil Co., Yazoo City, Miss.
Red River Oil Co., Alexandria, La.
Refuge Cotton Oil Co., Vicksburg, Miss.
Ridge Spring Oil Mill, Ridge Spring, South Carolina
Roanoke Oil Co., Roanoke, Ala.
Roberts Cotton Oil Co., Memphis, Tenn.
Rockwall Cotton Oil Co., Rockwall, Texas
Rome Oil & Fertilizer Co., Rome, Ga.
Rose City Cotton Oil Mill, Little Rock, Ark.
Rosebud Oil & Cotton Co., Rosebud, Texas
Rowesville Oil Co., Rowesville, South Carolina
Roxton Cotton Oil Co., Roxton, Texas
Royse Oil Mill Co., Royse City, Texas
Rutledge Oil Co., Rutledge, Ga.
Ryan Cotton Oil Co., Ryan, Okla.
Schmidt G. L., Lincoln, Ala.
Schumacher H. Oil Works, Navasota, Tex.
Sea Island Cotton Oil Co., Charleston, South Carolina
Senatobia Cotton Oil Co., Senatobia, Miss.
Seneca Oil Mills, Seneca, South Carolina
Seymour Cotton Oil Co., Seymour, Texas
Shaw Cotton Oil Co., Shaw, Miss.
Shelby Oil Co., Shelby, Miss.
Simpsonville Oil Mill, Simpsonville, South Carolina
Southern Cotton Oil Co., 120 B'way, New York
Spring Hope Cotton Oil Co., Spring Hope, North Carolina
Stamford Oil Mill Co., Stamford, Texas
Standard Chemical & Oil Co., Troy, Ala.
Steinhardt & Co., New Orleans, La.
Strother & Phinney, West Union, South Carolina
Stroud Cotton Oil Co., Stroud, Okla.
Sunset Cotton Oil Co., Sunset, La.
Tallassee Oil & Gin Co., Tallassee, Ala.
Tar River Oil Co., Tarboro, North Carolina
Taylor Oil Mill, Taylor, Texas.
Tecumseh Oil & Cotton Co., Sherman, Tex.
Thomasville Mill & Storage Co., Thomasville, Ala.
Timmonsville Oil Co., Timmonsville, South Carolina
Troy Oil Mill Co., Troy, South Carolina
Tupelo Oil & Ice Co., Tupelo, Miss.
Tuscaloosa Cotton Seed Oil Co., Tuscaloosa, Ala.
Tiger-Shoals Milling Co., Wellford, S. C.
Tyler Cotton Oil Co., Tyler, Texas
Union Gin & Oil Co., Eliasville, Texas
Union Seed & Fertilizer Co., 65 B'way, New York
Uniontown Cotton Oil Co., Uniontown, Ala.
Universal Oil & Fertilizer Co., Wilmington, North Carolina
Upson County Oil Mills, Thomaston, Ga.
Valley Mills Cotton Oil Co., Valley Mills, Texas
Van Alstyne Cotton Oil Co., Van Alstyne, Texas
Verner Oil Co., Lattimore, North Carolina
Walker Bros. Co., Griffin, Ga.
Washington Oil Co., Washington, La.
Wesson Cotton Oil & Fertilizer Co., Wesson, Miss.
Westminster Oil & Fertilizer Co., Westminster, South Carolina
Whitewright Cotton Oil Co., Whitewright, Texas
Wichita Cotton Oil Co., Wichita Falls, Tex.
Wilkinsville Cotton Oil Co., Wilkinsville, S. C.
Willmont Oil Mills, Pelzer, S. C.
Wills Point Cotton Oil Co., Wills Point, Tex.
Wilmot Oil Mills, Wilmot, Ark.
Winnsboro Cotton Oil Co., Winnsboro, Tex.
Winona Oil & Mfg. Co., Winona, Miss.
Woodbury Oil Mills, Woodbury, Ga.
Woodruff Oil & Fertilizer Co., Woodruff, S. C.
Wortham Cotton Oil Co., Wortham, Tex.
Yoakum Cotton Oil Co., Yoakum, Tex.
Yorktown Cotton Oil & Mfg. Co., Yorktown, Tex.

9644— Meal (Polishing)

Peckham Mfg. Co. (Smooth Leather), Newark, N. J.

9645—Measures (Automobile Gasoline)

Iddings Co. ("Auto" Combination), Warren, O.
Kraft A. C., 323 W Lake, Chicago, Ill.
National Marine Lamp Co., Forestville, Conn.
Vogel Wm. & Bros., 37 S 9th, Brooklyn, N. Y.

9646—Measures (Copper, Liquid, Etc.)

Kraft A. C., 323 W Lake, Chicago, Ill.
Ray Geo. A. Mfg. Co., Buffalo, N. Y.

9647— Measures (Dry)

Atlantic Stamping Co., 156-180 Ames, Rochester, N. Y.
Ferris Mfg. Co. ("Stiles," "Steel," etc), Cincinnati, O.
Richmond Cedar Works ("Anchor Brand," White Cedar & Cypress), Richmond, Va.
Rochester Can Co. (Galvanized Iron), Rochester, N. Y.
Strong Mfg. Co., Sebring, O.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.) (Galvanized & Japanned), Wheeling, W. Va.

9648— Measures (End)

Slocomb J. T. Co., 35 Oxford, Providence, R. I.

9649—Measures (Family, Grocers', Etc.)

Central Stamping Co., 172 Fulton, New York
National Enameling & Stamping Co., 411 5th av, New York

9650—Measures (Galvanized Iron)

Central Stamping Co., 172 Fulton, New York
Crunden Martin Mfg. Co., 2nd & Gratiot, St. Louis, Mo.
Kraft A. C. (Liquid), 323 W Lake, Chicago, Ill.
Lisk Mfg. Co. (For Grain, etc), Canandaigua, N. Y.
National Enameling & Stamping Co., 411 5th av, New York
Rochester Can Co. (Dry), Rochester, N. Y.

9651— Measures (Liquid)

Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Guarantee Liquid Measure Co., Farmers' Bank bldg, Pittsburgh, Pa.
Kraft A. C. ("Oyl-Rye" Galv. Tin & Copper), 323 W Lake, Chicago, Ill.
Lalance & Grosjean Mfg. Co. (Enameled Iron, Tin, etc), 299 B'way, New York
Schaffer Engineering & Equipment Co., Tiffin, O. *See adv index at end of book*

9651a—*Measures (Rule & Yard)

Estes E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*

9652— Measures (Tin)

Sexton Can Co. (For Liquids, etc), 228 Franklin, Boston, Mass.

9653— Measures (Water)

Schaffer Engineering & Equipment Co., Tiffin, O. *See adv index at end of book*

9654—*Measuring Instruments (Precision)

NORMA CO. OF AMERICA, 1790 B'way, New York *See adv index at end of book*
Pneumercator Co., Inc., 118 Liberty, New York *See adv index at end of book*

9655— Meat Packers

ALABAMA.

BIRMINGHAM—Birmingham Packing Co.

ARKANSAS.

LITTLE ROCK—Weil Packing Co.

CALIFORNIA.

LOS ANGELES—Cudahy Packing Co.
Hauser Packing Co., 2300 E 9th
Pacific Coast Beef & Provision Co.,
MARYSVILLE—Moran Co.
Valley Meat Co.
OAKLAND—Grayson-Owen Co.
Oakland Meat & Packing Co.
SACRAMENTO—Clauss & Kraus
Schmid & Parker Packing Co.
SAN FRANCISCO—Buttgenbach Jos. & Co., 336 4th
Heineman & Stern, 1040 McAllister
Kingan & Co. (Ltd.), 444 Drumm
Rathjens & Kupfer, 1331 Pacific
Roth-Blum Packing Co., 1490 Fairfax
South San Francisco Packing & Provision Co., 407 Front
Western Meat Co., 6th & Townsend

COLORADO.

COLORADO SPRINGS — Smith Packing Co.
DENVER—Burkhardt Packing & Provision Co.
Coffin Packing & Provision Co.
Colorado Packing & Provision Co.
Denver Packing & Provision Co.
K. & B. Packing & Provision Co.
Standard Meat & Live Stock Co.
Western Packing Co.
PUEBLO—Nuckolls Packing Co.

CONNECTICUT.

BRIDGEPORT—McNamara Thos. J. Co.
NEW HAVEN—Sperry & Barnes Co.
NORWICH—Davis C. H. & Co., Inc.

DELAWARE.

MOUNT CUBA—Hoopes Isaac W.
WILMINGTON—Bierman John A.
Hart & Bro. Co.
Martin D. B. Co.
Mammele C. C. & Son

DISTRICT OF COLUMBIA.

BENNINGS—Loffler A. Provision Co.

FLORIDA.

JACKSONVILLE—Kingan & Co. (Ltd.)

GEORGIA.

ATLANTA—White Provision Co.
SAVANNAH—South Atlantic Packing & Provision Co.

IDAHO.

BOISE—Boise Butcher Co., Ltd.
Idaho Provision & Packing Co.
MOSCOW—Hagan & Cushing Co.
WALLACE—Mahoney Bros.

ILLINOIS.

ALTON—Luer Bros., Packing & Ice Co.
CAIRO—Bucher E. Packing Co.
CHICAGO—Acme Packing Co., 2226 S La Salle
Adler & Oberndorf, 4201 S Ashland av
Agar Provision & Packing Co., 310 N Green
Anglo-American Provision Co., Union Stock Yards
Armour & Co., 208 S La Salle
Arnold Brothers, 660 West Randolph
Boyd, Lunham & Co., 208 S La Salle
Brennan Packing Co., 39th & Normal av
Chicago Butchers' Packing Co., 216 North Peoria
Chicago Packing Co., 4535 Gross av
Cudahy Packing Co., 111 W Monroe
Dahmke John J. A. Packing Co., 2334 W. Lake
Fulton Packing Co., 820 Fulton
Gabel Packing Co., 221 N Peoria
Guggenheim Brothers, 46th & Packers av
Hammond G. H. Co., Union Stock Yards
Hetzel & Co., 1743 Larrabee
Independent Packing Co., 41st & Halsted
Libby, McNeil & Libby, 300 W S Water
Mayer O. F. & Bro., Beethoven pl & Sedgwick
Miller & Hart, Inc., Un. Stock Yards
Morris & Co., Union Stock Yards
Morton Gregson Co., 80 E Jackson blvd
Omaha Packing Co., Halsted & Lumber
Pearse Howard, W 46th & Packers av
Pfaelzer L. & Sons, 3927 S Halstead
Pond E. K. Packing Co., 517 W 24th pl
Roberts & Oake, 45th & S Racine av
Swift & Co., Union Stock Yards
United Butchers' Packing Co., 913 Fulton
Vette & Zuncker, 220 N Green
Western Packing & Provision Co., 3854 S Morgan
Wilson & Co., Inc., Union Stock Yards
Zeiger G. W. Co., 517 W Chicago av
DANVILLE—Campbell Brothers Co.
DECATUR—Danzeisen Packing Co.
EAST ST. LOUIS—East Side Packing Co.
ELGIN—Kerber Packing Co.
JACKSONVILLE — Jacksonville Packing Co.
MATTOON—Steidl Brothers
PEORIA—Godel E. & Sons
McDonough E. J. & Co.
Wilson Provision Co.
ROCKFORD—Carty-Dever Co.
Oake Packing Co.
Schmauss Co.
SPRINGFIELD—Franz Brothers Packing Co.
STEWARDSON—Stewardson Packing Co.

INDIANA.

EVANSVILLE—Evansville Packing Co.
Schmadel Packing & Ice Co.
FORT WAYNE—Eckart Fred Packing Co.
Laurents & Hartshorn Packing Co.
Leikauf Packing Co.
INDIANAPOLIS—Brown Brothers, 534 W Ray
Indianapolis Abattoir Co., W. Morris & White River
Kingan & Co., Ltd., West End, Maryland & Blackford sts
Meier Packing Co., 577 W Ray
Moore & Co.
Worm & Co., Ray & Dakota
LAFAYETTE—Dryfus Packing & Provision Co.
LOGANSPORT—Routh W. C. & Co.
MARION—Ballard Packing Co.
MUNCIE—Cavanaugh Packing Co.
Kuhner Packing Co.
RICHMOND—Stolle Anton & Sons
TERRE HAUTE—Ehrmann & Co.
Home Packing & Ice Co.

IOWA.

ALBIA—Albia Packing Co.
CEDAR RAPIDS—Sinclair T. M. & Co., Ltd.
DAVENPORT—Kohrs Packing Co.
DES MOINES—Iowa Packing Co.
DUBUQUE—Dubuque Packing Co.
Frith's Union Slaughter House
Rath Geo. C. & Sons
FORT MADISON—Schaper & Koch
MARSHALLTOWN—Brittain & Co.
MASON CITY—Decker Jacob E. & Sons
OTTUMWA—Morrell John & Co.
SIOUX CITY—Armour & Co.
Cudahy Packing Co.
Hurni R. Packing Co.
Statter & Co.
WATERLOO—Rath Packing Co.

KANSAS.

ARKANSAS CITY—Henneberry & Co.
HUTCHINSON—Winchester Packing Co.
KANSAS CITY—Armour & Co.
Cochrane Packing Co.
Fowler Packing Co.
Morris & Co.
Swift & Company
LEAVENWORTH—Schalker Packing Co.
OLATHE—Olathe Packing Co.
PITTSBURG—Hull & Dillon Packing Co.
TOPEKA—Wolff Chas. Packing Co.
WICHITA—Cudahy Packing Co.
Dold Jacob Packing Co.

KENTUCKY.

COVINGTON—Rice C. Packing Co.
LOUISVILLE—Armour & Co.
Bornwasser Louis P. Co.
Klarer Provision Co.
Louisville Provision Co.
Vissman C. F. & Co.

MAINE.

AUBURN—Merrow Packing Co.
Penley E. W.
Sutton John P. & Co.
BANGOR—Fickett O. A. Co.
Joy A. W. Co.
PORTLAND—Kern Jno. & Son.
ROCKLAND—Thorndike & Hix.

MARYLAND.

BALTIMORE—Armour & Co., Pratt & Eutaw
Corkran, Hill & Co., Union Stock Yards
George & Co., 404 S. Charles
Greenwald Packing Co., Brunswick nr Wilkens av
Hohman C. & Sons, 2038 E Monument
Jones & Lamb Co., 106 South
Kriel Chas. G., 7 W Henrietta
Kurdle Thos. J., 3811 Eastern av
Kurrie Packing Co., Taylor & 22d
Martin D. B. Co., Brunswick nr Wilkens
Schafer Jacob C. Co., 516 W. Lexington

MASSACHUSETTS.

BOSTON—Batchelder & Snyder Co., 55 Blackstone
Cunningham A. J. Co., 34 Blackstone
Cunningham Packing Co., 84 S Market
Morrell John & Co., 75 Commercial
New England Dressed Meat & Wool Co., 41 N Market
North Packing & Provision Co., 43 N Market
Squire J. P. & Co., 39 No Market
Sturtevant & Haley Beef & Supply Co., 40 F H Market
CAMBRIDGE—Squire J. P. & Co.
SOMERVILLE—New England Dressed Meat & Wool Co.
North Packing & Provision Co.
Sturtevant & Haley Beef & Supply Co.
SPRINGFIELD—Hunt A. C. & Co.
Springfield Provision Co.
WORCESTER—White, Pevey & Dexter Co.

MICHIGAN.

DETROIT—Barlum John J., 319 Lincoln av
Barlum Thomas & Sons, Bates & Cadillac sq
Hammond, Standish & Co., 20th & Standish
Newton Beef Co., 1075 14th av.
Standish
Parker, Webb & Co., 20th & Michigan av
Sullivan Packing Co., 252 Beecher av
MENOMINEE—Twin City Packing Co.
MONROE—Schrauder & Co.
SAGINAW—Cornwell Co.
Hammond Standish Co.
THREE RIVERS—Three Rivers Packing House

MINNESOTA.

ALBERT LEA—Albert Lea Packing Co., Inc.
AUSTIN—Hormel Geo. A. & Co.
DULUTH—Elliott & Co.
FAIRMONT—Ward & Co.
FERGUS FALLS—Fergus Packing Co.
ST. PAUL—Eisenmenger L. Meat Co.
Luley Abattoir Co.
McMillan J. T. Co.
Swift & Co.
WINONA—Interstate Packing Co.

MISSOURI.

CAPE GIRARDEAU—Hirsch Bros. Mercantile & Provision Co.
JACKSON—Mueller H. H.
KANSAS CITY—Cudahy Packing Co.
Dold Jacob Packing Co.
PERRYVILLE—Cissell J. R.

ST. JOSEPH—Freund Packing & Mfg. Co.
Hammond Packing Co.
Morris & Co.
Swift & Co.
ST. LOUIS—Belz J. H. Provision Co., 3601 S. B'way
Carondelet Packing Co., 8000 Ivory av
Cox & Gordon, 1019 S. 3rd
Funk Joseph P. & Co., 1024 N Main
Heil Packing Co., 2216 La Salle
Kehr Packing Co., 3832 Cote Brillante av
Krey Packing Co., 21st & Bremen av
Sartorius Provision Co., 2734 Arsenal
St. Louis Independent Packing Co., 3855 Chateau av
Smith E. R., 2624 Montgomery
Sweet Charles A. Provision Co., 813 Spruce
Swift & Co., 3919 Papin
Van Gel John & Sons, 153 W Russell av
Waldeck Packing Co., Montrose & La Salle
SEDALIA—Stevenson Packing Co.
WARRENSBURG—Roseland Farm & Mfg. Co.

MONTANA.

ANACONDA—Montgomery W. M. & Co.
GREAT FALLS—Great Falls Meat Co.
WALKERVILLE — Walkerville Dressed Meat Co.

NEBRASKA.

LINCOLN—Lincoln Packing Co.
NEBRASKA CITY—Morton-Gregson Co.
OMAHA—Armour & Co.
Cudahy Packing Co.
Morris & Co.
Swift & Company

NEVADA.

RENO—Nevada Packing Co.

NEW JERSEY.

CAMDEN—Helm's D. D. Sons
Schlorer & Son
JERSEY CITY—Armour & Co.
Brainard Bros., 15 Exchange pl
Nagle Packing Co., 27 Ward
Swift & Company
NEWARK—Bailey C. M. & Co.
Fink A. & Sons
Newark Packing Co.
PATERSON—Fullerton D. & Co.
Muhs Pkg. Co.
PHILLIPSBURG—Shimer J. R. Co.
TRENTON—Taylor Provision Co.

NEW YORK.

ALBANY—Holland Bros.
Lester A. W.
Schwartz Geo. & Co.
BUFFALO—Danahy Packing Co., 25 Metcalfe
Dold Jacob Packing Co.
Empire Provision & Beef Co., 247 Lewis
Fuhrmann Louis P., 1010 Clinton
Kamman Henry A., 447 Bailey av
Klinck Bros., 588 Howard
Klinck C. Packing Co., 50 Depot
Moschel Jacob Sons, 153 Peckham
Sahlen Jos. Est. of, 310 Howard
Smith Edw. Packing Co., 247 Lewis
CANAJOHARIE—Beechnut Packing Co.
HUDSON—Van Deusen C. A. Co.
LITTLE FALLS—Zoller Jacob Co.
MARATHON—Bouton C. H.

NEW YORK CITY.

Borough of Brooklyn.

Bushwick Pork Packing Co., 29 Bushwick av
Dangles Jacob & Son, 722 Myrtle av
Figge Fred Co., 285 Atlantic av
International Provision Co., 33 Degraw
Meyer Louis Co., 374 Flushing av

Boroughs of Manhattan and Bronx.

Ams Max, Inc., 372 Greenwich
Becker Bros., 2692 3d av
Cudahy Packing Co., 454 W 14th
Ferris F. A. & Co., 262 Mott
Figge & Hutwelker Co., 621 W 40th
Halligan Thos., 629 W 40th
Heyer A. Lester, 318 E 39th
Kern Geo., Inc., 350 W 38th
Kingan Provision Co., 626 W 35th
N. Y. Butchers' Dressed Meat Co., 11th av & 39th
N. Y. Independent Meat Co., 12th av & 131st
Reed's C. H. Sons, 185 1st av
Rohe & Bro., 527 W 36th
Schaue C. F. Co., 2060 3d av
Stahl Otto, 2332 3d av
Stern Jos. & Sons, ft W 40th
Swift & Co., 448 Produce Exchange
United Dressed Beef Co. of New York, 1st av & 44th
Webber Richard, 2191 Third av
Weisbecker Chas., 268 W 125th

(End of New York City)

RENSSELAER—Schwartz Frederick
SYRACUSE—Hofman A. C. & Sons
TROY—Helmbold Fritz
UTICA—Durr C. A. Packing Co.
YONKERS—Siebert Bros.

OHIO.

AKRON—Schell C. A. Provision Co.
Zimmerly Brothers Co.
ATHENS—Stedman F. C. & Co.
BELLEVUE—Zehner Brothers Packing Co.
CANTON—Canton Provision Co.
CINCINNATI—Bauer's Jacob Sons, 2932 Massachusetts, Camp Washington
Butcher's Packing Co., 529 Poplar
Cincinnati Abattoir Co., Spring Grove av nr Stock Yds.
Freund Ernst, 1215 W Liberty
Haskins R. & Co., 205 Walnut
Hoffmann John Packing Co., Baymiller nr Central
Hoffmann's John Sons Co., 2148 Colerain av
Kahn's E. Sons Co., 517 Livingston
Lohrey Packing Co., 2827 Massachusetts, Camp Washington
Lohrey & Moellering, 2151 Kendel av
Maescher & Co., 1754 Central av
Meyer H. H. Packing Co., Central av & Linn
Roth John C. Packing Co., 1010 Oehler
Sander A. Packing Co., 1026 Gest
Schlachter's Jacob Sons, 2839 Colerain av
Schroth J. & F. Packing Co., Cormany and Township av, Camp Washington
Severet J. A. & Co., 32 E Front
Valley Packing Co., 3673 Colerain av
Vogel Jacob & Son, 2604 Colerain av
Zehler Geo. Provision Co., 1705 Logan
Ziegler & Co., Logan & Elder
CIRCLEVILLE—Groce Charles E.
CLEVELAND—Blumenstock & Reid Co., 3261 W 65th
Cleveland Provision Co., 2527 Canal rd
Forest City Provision Co., 2773 E 37th
Hildebrandt Provision Co., 3620 Clark av
Lake Erie Provision Co., Clark av & C. C. C. & St. L. Ry.
Ohio Provision Co., Clark av & Big Four R. R.
Theurer-Norton Provision Co., 3136 W 63d
COLUMBUS—Blumer-Sartain Packing Co.
Columbus Packing Co.
Denton Brothers
Falter Herman
DAYTON—Baumheckel G. & O.
Burkhardt Henry Packing Co.
Focke's Wm. Sons Co.
Sucher Chas. Packing Co.
FOSTORIA—Fostoria Provision Co.
HAMILTON—Rupp Geo. Packing Co.
Slifer Packing Co.
LIMA—Lima Packing Co.
NEWARK—Miller C. W. & Co.
SANDUSKY—Bear & Ruth Co.
SPRINGFIELD—Springfield Abattoir Co.
TOLEDO—Folger Jacob
Ruedy Albert
Zehner Bros. Packing Co.
URBANA—Urbana Packing Co.
YOUNGSTOWN—Simon Packing Co.

OKLAHOMA.

OKLAHOMA—Morris & Co.
TULSA—Independent Packing Co.

OREGON.

BAKER—Baker City Packing Co.
NORTH PORTLAND—Union Meat Co.
PORTLAND—Boston Packing Co.
Sterrett & Oberle Packing Co.
SALEM—Cross E. C. & Son
Steusloff Brothers, Inc.

PENNSYLVANIA.

ALLENTOWN—Arbogast & Bastian Co.
BLAIRSVILLE—Brown Packing Co.
BRIDGEPORT—March A. H. Packing Co.
CARNEGIE—Abbott Packing & Ice Co.
CHESTER—Buckley John J. Co.
COATESVILLE—Shallcross J. & Son
ERIE—Schaffner Bros.
LEHIGHTON—Obert Joseph Co.
McKEESPORT—Peters Packing Co.
MEDIA—Allen Clement E., Inc.
PHILADELPHIA—Bower John Co., 24th & Brown
Burk Louis, Girard & 3d
Consolidated Dressed Beef Co., 30th & Race
Ernst B. Bros., 2920 N 6th
Felin Jno. J. & Co., Inc., 4142 Germantown
Gray's Ferry Abattoir Co., 36th & Gray's Ferry rd
Hausmann Geo. & Sons, 51st & Westminster av
Kingan Provision Co., Callowhill & 8th
Martin D. B. Co., 30th & Market
Moland's Wm. Sons, 120 Market
Penn Beef Co.
Pfund G. F. & Son, 3945 Germantown av
Vogt Fred. G. & Sons, 30th & Race
PITTSBURGH—Denholm J. M. Bros. & Co., 5th & Frankstown avs
Dunlevy Packing Co. ("White Lily" Pork Products, Hams & Butter), Hamilton av & Enterprise
Duquesne Packing Co., Everett & Flavel
Fried & Reineman, Spring Garden av
Lohrey Henry, 2234 E, N Side
North Side Packing Co., 1448 Spring Garden av
Pittsburgh Provision & Packing Co., Herrs Island
Seiler John Co., 2200 Spring Garden av
Zoller Wm. Co., 343 Spring Garden av
POTTSTOWN—Keck & Co.
POTTSVILLE—Seltzer Packing Co.
Ulmer Jacob Packing Co.
Weissinger Geo. & Bro.
PRESTO—Klein Bros. Packing Co.
READING—Reading Abbattoir Co.
SCRANTON—Stowers Pork Packing & Provision Co.
SHAMOKIN—Croninger Packing Co., Inc.
WASHINGTON—Washington Packing Co.
WILKESBARRE—Paine & Co.
WILLIAMSPORT—Peters John

RHODE ISLAND.

CENTRAL FALLS—Colquhoun D. & Son
PAWTUCKET—Johnson H. S. Co.
PROVIDENCE—†Kimball & Colwell Co. 461 Washington
New England Supply Co., 15 Garden av
Schott-Suter Co., 52 Randall
Squire John P. & Co., 315 Canal

SOUTH DAKOTA.

RAPID CITY—Rapid City Packing Co.
SIOUX FALLS—Morrell John & Co.
South Dakota Provision Co.

TENNESSEE.

CHARLESTON—Palmer J. C.
GREENEVILLE—Greeneville Packing Co.
KNOXVILLE—†East Tennessee Packing Co.
Knoxville Abbatoir Co.
NASHVILLE—Armour & Co.
Nashville Abattoir, Hide & Melting Assn
Neuhoff Abattoir & Packing Co.

TEXAS.

DALLAS—Armstrong Packing Co.
Hahn Max Packing Co.
FORT WORTH—Armour & Co.
Fort Worth Packing Co.
Swift & Co.

TEXAS—continued
HOUSTON—Houston Packing Co.
SAN ANTONIO—Union Meat Co.
TAFT—Taft Packing House
WACO—Brazos Packing Co.

UTAH.

OGDEN—Ogden Packing & Provision Co.
Russell James Co.
PROVO—Provo Meat & Packing Co.
SALT LAKE CITY—Utah Packing & Provision Co.

VIRGINIA.

DANVILLE—Clement A. D.
NEWPORT NEWS—Levinson Packing Co.
NORFOLK—Banks Bros. Packing Co.
RICHMOND—Forbes W. S. & Co.
Hechler V. Packing & Commission Co.
Kingan & Co., Ltd.
ROANOKE—Griggs Packing Co.
ROSSLYN—Rosslyn Packing Co.
SUFFOLK—Smithfield Packing Co., Inc.

WASHINGTON.

NORTH YAKIMA—Yakima Meat Co.
SEATTLE—Cudahy Packing Co.
Frye & Co.
SPOKANE—Stanton E. H. Co.
TACOMA—Carstens Packing Co.
WALLA WALLA—Walla Walla Meat & Cold Storage Co.

WEST VIRGINIA.

FAIRMONT—Fairmont Packing Co.
WHEELING—Kalbitzer Packing Co.
Reymann Paul O. Co.
Schenk F. & Sons Co.
Wheeling Butchers' Assn.

WISCONSIN.

CUDAHY—Cudahy Bros. Co.
EAU CLAIRE—Drummond Packing Co.
GRAND RAPIDS—Reiland Packing Co.
JEFFERSON—Stoppenbach's C. Sons
MILWAUKEE—Cudahy Bros. Co., 262 Jackson
Frank L. & Son Co., 644 Market
Gross F. C. & Bros. Co., Muskego av
Gumz R. & Co., Muskego av
Layton Co., Muskego av
Plankinton Packing Co., 3018 Meinecke av

WYOMING.

CHEYENNE—Hammond Packing Co.

9656— Mechanical Draft

Acme Furnace Equipment Co., 39 Cortlandt, New York
American Blower Co., 1400 Russell, Detroit, Mich.
Buffalo Forge Co., Buffalo, N. Y.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Engineer Co. (Balanced Draft), 17 Battery pl, New York
Green Fuel Economizer Co., Beacon, New York
McPherson W. G. Co., Portland, Ore.
N. Y. Blower Co., Archer av & Canal, Chicago, Ill.
Parson Mfg. Co. ("Parson" System), 35 Nassau, New York
Steacy-Schmidt Mfg. Co. (Induced Draft Fans), York, Pa.
STURTEVANT F. & CO. ("Sturtevant," Induced & Forced), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
Thompson Richard & Co., 126 Liberty, New York

Mechanical Schools

See Engineering Schools & Colleges

9657— Mechanical Stokers

See also Furnaces, Smokeless

American Stoker Co. ("American" Automatic Underfeed, also Marine Stokers), 11 B'way, New York
Armstrong Mfg. Co., Springfield, O.
BABCOCK & WILCOX CO., 85 Liberty, New York
Barnett Oscar Foundry Co. ("Universal" Automatic Smokeless Traveling Chain Grate), Irvington, N. J.
Brady Jas. A. Foundry Co., 45th & Western blvd, Chicago, Ill.
Brightman Furnace Co., Cleveland, O.
Casey-Hedges Co., Chattanooga, Tenn.
Clarage Fan Co. (Underfeed), North & Porter, Kalamazoo, Mich.
Combustion Engineering Corp. ("Type E." Bituminous, "Coxe" Anthracite "Type H" Industrial and Heating), 11 B'way, New York
Detroit Stoker Co., N Grand blvd & Riopelle, Detroit, Mich.
ERIE FOUNDRY CO. ("Erie" Traveling Chain Grate), Erie, Pa.
Flynn & Emrich Co. (Hand Operated), 305 N Holliday, Baltimore, Md.
Green Engineering Co. ("Green" Chain Grate & "Harrington" Automatic), East Chicago, Ind.
Hamler Boiler & Tank Co. ("Little Giant"), 3906 S Halsted, Chicago, Ill.
Illinois Stoker Co. (Chain Grate Stokers), Alton, Ill.
Keystone Stoker Co. ("Keystone"), Greenfield, Mass.
Laclede Christy Clay Products Co. Chain Grate & Automatic), Manchester & Sulphur avs, St. Louis, Mo.
McClave-Brooks Co. ("McClave"), Poplar st, Scranton, Pa.
Moloch Stoker Co. (Underfeed), 208 S La Salle, Chicago, Ill.
Murphy Iron Works, Detroit, Mich.
Nelson Blower & Furnace Co. (Stevens Underfeed), 11 Elkins, Boston, Mass.
Parson Mfg. Co. ("Parson's Automatic), 35 Nassau, New York
Petty J. K. & Co. (Hand Fired), Stephen Girard bldg, Phila, Pa.
Ridgway Mfg. Co. ("Elliott"), Ridgway, Pa.
Riley Sanford Stoker Co. ("Riley" Self-Dumping Underfeed), Worcester, Mass.
Rosedale Foundry & Machine Co. ("Playford" Chain Grate Stoker), Columbus & Preble, Pittsburgh, Pa.
S. & S. Automatic Grate Co. (Automatic), 344 W 63d, Chicago, Ill.
Standard Stoker Co., Wilmington, Del. ("Roney"), East Pitsburgh, Pa.
Thacher Geo. H. & Co. ("Albany" Smokeless Furnace), Albany, N. Y.
THROPP'S JNO. E. SONS CO., ft. of Lewis, Trenton, N. J.
See adv index at end of book
Under Feed Stoker Co. of America ("Jones" Underfeed), 111 W Monroe, Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO. ("Roney," Chain Grate & Underfeed & Overfeed), East Pittsburgh, Pa. *See adv index at end of book*
Wetzel Mechanical Stoker Co., Trenton, N. J.

9658—Mechanical Stokers (Chain Grate)

Barnet Oscar Foundry Co. ("Universal" Automatic Smokless Traveling), Irvington, N. J.
Brady Jas. A. Fdry. Co. (Traveling), 45th & Western blvd, Chicago, Ill.
Casey-Hedges Co., Chattanooga, Tenn.
Erie Foundry Co. ("Erie" Traveling), Erie, Pa.
Green Engineering Co. ("Green" & "Harrington" Automatic), East Chicago, Ind.
Illinois Stoker Co., Alton, Ill.
Laclede-Christy Clay Products Co. (Automatic), Manchester & Sulphur avs, St. Louis, Mo.
Rosedale Foundry & Machine Co. ("Playford"), Columbus & Preble, Pittsburgh, Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9658a—Mechanical Stokers (Overfeed "Roney")

Westinghouse Elec. & Mfg. Co., E. Pittsburgh, Pa. *See adv index at end of book*

9658b—Mechanical Stokers (Under Feed)

Westinghouse Elec. & Mfg. Co., E. Pittsburgh, Pa. *See adv index at end of book*

9659— Medals

American Railway Supply Co., 134 Charles, New York
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Matthews Jas. H. & Co., 3942 Forbes, Pittsburgh, Pa.
Scovill Mfg. Co. (To Order Only), Waterbury, Conn.
See adv index at end of book

9659a— Medicinal Oxygen

Linde Air Products Co., 42nd St. bldg, New York. *See adv index at end of book*

9660— Megaphone Mfrs.

Cowles C. & Co. (Electric Megaphone Speaking Tubes), New Haven, Conn.
Hiller J. G. (Cardboard), 112 N 4th av, Louisville, Ky.
Kennebunk Mfg. Co. ("Brownie," Fibre), Rochester, N. H.
Merriman Bros., 185 Jamaica Plain, Boston, Mass.
National Megaphone Co., Wakefield, Mass.
Rogers E. F. & Co., 410 Arch, Phila., Pa.

9661— *Melters (Metal)

GENERAL ELECTRIC CO. (Electric), Schenectady, N. Y.
See adv index at end of book

9662— Memorial Windows

Arlington Art Glass Works, Atlanta, Ga.
Bryant Bros. Co., 79 E Main, Columbus, O.
Bunce Art Glass Co., Richmond, Va.
Century Stained Glass Works (Ltd.), 212 S 11th, Phila., Pa.
Dayton Art Glass Wks., Dayton, O.
Decorative Glass Co., 3248 Chestnut, Phila., Pa.
Decorative Stained Glass Co., 312 W 34th, New York
Detroit Window & Stained Glass Co., Detroit, Mich.

Hendricks' Commercial Register

is not a Catalog of Advertisers alone, but a Complete Register of the manufacturers and jobbers in every line of trade that comes within the scope of the work.

When writing to firms whose names appear in this book please mention

Hendricks' Commercial Register

Dukes Glass Works (T. W. Tulton, Prop.), 2217 Chestnut, Phila., Pa.
Eberhardt Hugo & Co., 2411 W 12th, Chicago, Ill.
Flagg L. G. & Co., Sudbury bldg, Boston, Mass.
Flanagan & Biedenweg Co., 312 W Illinois, Chicago, Ill.
Ford Bros. Glass Co., 207 Washington av, N Minneapolis, Minn.
Godwin Alfred 2217 Chestnut, Phila., Pa.
Haskins Art Glass Co., Rochester, N. Y.
Hausleiter J. & Co., 298 Fulton, Brooklyn, N. Y.
Heinigke & Smith, 24 E 13th, New York
Hooker H. M. Co., 651 W Wash'n, Chicago, Ill.
Jacoby Art Glass Co., 2700 St. Vincent, St. Louis, Mo.
Kansas City Stained Glass Works Co., 1514 Wyandotte, Kansas City, Mo.
Lamb J. & R., 25 6th av, New York
Maginn Charles, 17 E 14th, New York
Morgan John & Sons, 96 5th av, New York & 17 Union av, Brooklyn, N. Y.
Munich Art Glass Co., 667 Mission, San Francisco, Cal.
O'Halloran's Thos. Sons, 276 Halsey, Newark, N. J.
Payne Geo. Hardy, Paterson, N. J.
Petgen Co., 6709 Hamilton av, Pittsburgh, Pa.
Phipps Horace J. & Co., 65 Bedford, Boston, Mass.
Quaker City Stained Glass Works, 222 N 4th. Phila., Pa.
Raby, Hinton & Co., Mechanicsburg, Pa.
Rae G. & Co., 173 Prince, New York
Reith Wm., 134 N 7th, Philadelphia, Pa.
Righter & Kolb, 420 Madison av, New York
Riordan G. C. & Co., 313 Walnut, Cincinnati, O.
Schuler-Mueller Co., 314 W Superior, Chicago, Ill.
Sellers Benjamin & Sons, 80 Bible House, New York
Spence, Bell & Co., 90 Canal, Boston, Mass.
Spiers, Lederle Glass Co., 900 6th av, New York
Summers Charles, 1455 59th, Brooklyn, N. Y.
Thatcher-Kerwin Glass Co., 517 Spruce, St. Louis, Mo.
Tiffany Studios, 361 Madison av, New York
Von Gerichten Art Glass Co., 557 So. High, Columbus, O.
Wallis A. H., 3308 Easton, St. Louis, Mo.
Western Sand Blast Mfg. Co., 1458 W Kinzie, Chicago, Ill.
Wood Glass Co., Syracuse, N. Y.

9663— Menders (Hose)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Cassady Fairbank Mfg. Co. ("Samson"), 6126 S La Salle, Chicago, Ill.
Central Brass Stamping Co. ("Perfect" Clinching), Peoria, Ill.
Claflin C. A. Co. ("Sure-Hold" Adjustable Clamp), 161 High, Boston, Mass.
Cooper Hose Mender Co. ("Cooper"), Providence, R. I.
Detroit Coin Wrapper Co. ("Lightning"), 11 Hayes, Detroit, Mich.
Elkhart Brass Mfg. Co. (Iron), Elkhart, Ind.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Glauber Brass Mfg. Co., 49th & Superior av, N E, Cleveland, O.
Hamblin & Russell Mfg. Co. ("Magic" Garden), Worcester, Mass.
Hudson Hose Mender Co. ("Hudson"), Melrose, Mass.
Hudson Parer Co. ("Hudson"), Leominster, Mass.
Knox Mfg. Co. (For Drill & High Pressure Hose), 821 Cherry, Phila., Pa.
Kohler F. E. Co. ("Little Wonder"), Canton, O.
Monarch Hardware Co., 198-200 Terrace, Buffalo, N. Y.
Nelson, L. R., Peoria, Ill.
Peoria Can Co. ("Improved Perfect Clinching"), Peoria, Ill.
Sherman H. B. Mfg. Co., Battle Creek, Mich
Sommer John Faucet Co., 355 Central av, Newark, N. J.
Stephenson Mfg. Co., South Bend, Ind.
Stulp Fred J., 220 Sanford, Muskegon, Mich.
Walsh Safety Lock Snap Co. ("Hose Patch;" for Fire Hose), Bellevue, O.

9663a— Mercury

See also Quicksilver

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia.

9663b—Mercury Bichloride (Corrosive Sublimate)

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia.

Merry-Go-Rounds

See Carousels, Organs, Etc

9664— Metal (Acid Proof)

Bario Metal Corp. (Heat and Resisting), 167 W 18th, New York
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Damascus Brone Co. ("Damascus"), N S Pittsburgh, Pa.
See adv index at end of book
Keystone Bronze Co. ("Keystone," "Valens"), Pittsburgh, Pa.
Lawrenceville Bronze Co. (For Tin Plate Machinery), Bessemer bldg, Pittsburgh, Pa.
Vanadium Metals Co., Vanadium bldg., Pittsburgh, Pa.
WILLIAMS & CO. (INC.) (Monel), 220-226 Penn. av, Pittsburgh, Pa.
See adv index at end of book

9664a—*Metal (Acid Resisting, Monel)

WILLIAMS & CO. (INC.), 220-226 Penn. av, Pittsburgh, Pa.
See adv index at end of book

9665— Metal (Britannia)

Standard Rolling Mills (Casting, Rolling & Refining), 363 Hudson av, Brooklyn, N. Y.
United Lead Co., 111 B'way, N. Y.

9665a— Metal Ceilings & Walls

See also Ceilings, Sheet Steel

Edwards Mfg. Co., Cincinnati, O.
See adv index at end of book

9666-7—Metal (Cellular, for Fireproofing)

EDWARDS MFG. CO. ("Keyridge" Reinforcement Metal Lath & Stud Combined), 545-546 Eggleston av, Cincinnati, O.
See adv index at end of book

9668— Metal (Expanded)

See also Lath, Expanded Metal

Consolidated Expanded Metal Co.'s, Rankin, Pa.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
General Fireproofing Co., Youngstown, O.
North Western Expanded Metal Co., ("Econo"), Old Colony Bldg., Chicago, Ill.
Youngstown Pressed Steel Co. ("Mahoning," "Youngstown"), Youngstown, O.

9669— Metal (Extruded)

AMERICAN BRASS CO. (Rods & Special Shapes), Waterbury, Conn.
For branch offices see adv index at end of book
Scovill Mfg. Co. (Brass), Waterbury, Conn.
See adv index at end of book

9670— Metal (Feralun)

American Abrasive Metals Co., 50 Church, New York

Metal Furring

See Furring & Lathing, Iron

9671— Metal Grounds

Union Metal Corner Co. (For Base), 18 Heath, Boston, Mass.

9671a— Metal (McAdamite)

United States McAdamite Metal Co., Detroit, Mich.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL REGISTER

Edwards Metal Ceilings and Walls

Economical
Ornamental
Sanitary
Permanent
Fireproof
Moistureproof
Verminproof

Metal Ceilings are no longer a luxury—they may almost be said to be a necessity. Where formerly they were used almost exclusively in churches, stores, halls and other buildings, they are now also extensively used in private residences, factories, etc. Metal is the most sanitary and easiest to keep clean of any ceiling, is absolutely fire, moisture and verminproof, makes the room cool in summer and warm in winter and there is absolutely no danger from falling plaster.

Write for Large "Ceiling" Catalog "H" Showing Complete Line.

THE EDWARDS MANUFACTURING COMPANY 545-565 Eggleston Ave., Cincinnati, Ohio

The World's Largest Manufacturers of Metal Roofing, Metal Shingles, Metal Spanish Tile, Metal Ceilings, Metal Garages, Portable Buildings, Steel Lockers and Shelving, Steel Trucks, Rolling Steel Doors, Shutters, Partitions, etc.

NEVER RUSTS **MONEL METAL** STRONG AS STEEL

FILTER CLOTH

For chemical works and all uses in contact with destructive agents. Very largely used in preparing certain food products on account of its incorrodibility.

SHEETS *and* STRIPS

48″ wide .050″ and heavier.
36″ wide .022″ and heavier.
Standard lengths 72″ and 96″.
Other sizes also in stock.
Flat stock in strips or coils of all widths and gauges.

SCREENING

Protection against the smallest insects with a perfectly woven close mesh screen. Practically indestructible. Indispensable in the tropics, at sea or shore, or elsewhere under climatic conditions that corrode.

MANUFACTURERS

SUPPLEE-BIDDLE HARDWARE CO. MONEL METAL 517 Commerce Street, Philadelphia, Pa.

9672— Metal (Monel)

Bayonne Casting Co., Bayonne, N. J.
International Nickel Co., 43 Exchange pl, New York
SUPPLEE-BIDDLE HARDWARE CO., 510 Commerce, Phila., Pa.
See adv index at end of book
Williams & Co., Inc., 220-26 Penn av, Pittsburgh, Pa.
See adv index at end of book

WILLIAMS & CO. INC.
PITTSBURGH, PA.

9673—Metal (Non-Corrosive)

Bario Metal Corp., 167 W 18th, New York
Cassady Fairbank Mfg. Co. ("Comet," White Metal), 6126 S La Salle, Chicago, Ill.
International Nickel Co., 43 Exchange pl, New York
SUPPLEE-BIDDLE HARDWARE CO. (Monel Metal), 510 Commerce, Phila, Pa. *See adv index at end of book*
United Alloy Steel Corp. ("Enduro"), Canton, O.
Vanadium Metals Co., Vanadium bldg., Pittsburgh, Pa.
WILLIAMS & CO. (INC.) (Non-Corrosive Monel), 220-226 Penn av, Pittsburgh, Pa. *See adv index at end of book*

9674—Metal (Non-Tarnishing)

Vanadium Metals Co., Vanadium bldg., Pittsburgh, Pa.
WILLIAMS & CO. (INC.) (Monel), 220-226 Penn av, Pittsburgh, Pa.
See adv index at end of book

9675—Metal Novelties & Specialties

Aluminum Container Corp. (Boxes, Cups, etc), Fulton, N. Y.
Aluminum Goods Mfg. Co. (Aluminum), Manitowoc, Wis.
Aluminum Ware Mfg. Co., Inc., Elmira, N. Y.
American Enamel Co., Providence, R. I.
American Pin Co. ("Ampinco" Stamped & Spun, Turned, from Rod, etc), Waterbury, Conn.
Ansonia Novelty Co., Ansonia, Conn.
Appolo Metal Works, La Salle, Ill.
Art Metal Works, 7 Mulberry, Newark, N. J.
Autoyre Co., Oakville, Conn.
Baker & Co. (All Kinds Platinum Work), 54 Austin, Newark, N. J.
Barrows Lock Co., Lockport, Ill.
Bates W. E. Mfg. Co., Waterbury, Conn.
Bettcher Mfg. Co., 6120 Clark av, S W, Cleveland, O.
Boston Pressed Metal Co., 169 Union, Worcester, Mass.
Bridgeport Metal Goods Mfg. Co., Bridgeport, Conn.
Bronson Homer D., Co. (From Brass, etc), Beacon Falls, Conn.
Chamberlain J. H. D. Co., 275 Main, Springfield, Mass.
Chandler Co., Springfield, Mass.
Clark, Cadle, Harmon Corp. (Made from Brass & Steel Rods, etc.), Rochester, N. Y.
Clegg Mfg. & Tool Co., Attleboro, Mass.
Conlan Bernard & Co., 87 Hamilton, Newark, N. J.
Consolidated Fruit Jar Co., New Brunswick, N. J.
Continental Elec. Co. (For Telephones & Electrical Instruments), 1883 Park av, New York
Cook H. C. Co., 100-120 Jewett, Ansonia, Conn.
Domestic Novelty Co., 217 High, Newark, N. J.
DOWST BROS. CO., 124 N Ann, Chicago, Ill.
FISCHER CHAS. SPRING CO., 473 Kent av, Brooklyn, N. Y.
Florence Mfg. Co. (Aluminum Brushes, etc), Florence, Mass.
Eagle Mfg. Co., Blue Rock & Furrill, Cincinnati, Ohio
Fargo E. A. Co. (Aluminum, etc), Taunton, Mass.
Ferre E. H. Co. (& Leather), Lockport, N. Y.
Gaynor Mfg. Co. (Special Sheet Metal Goods), Bridgeport, Conn.
Gem Stamped Steel Co., Chelsea, Mass.
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Goertz Aug. & Co. (Fancy Metal Goods), 276 Morris av, Newark, N. J.
Grammes L. F. & Sons (Wrought Brass, Steel, Tin Wire, etc), Allentown, Pa.
See adv index at end of book
Greist Mfg. Co. (Contract Manufacturers), New Haven, Conn.
Hall Wilbur B., Meriden, Conn.
Hamilton & De Loss (Inc.), Bridgeport, Conn.
Havell Mfg. Co. (Gilt, Silvered, Nickel Plated, Brass, Steel & Enameled), 284 Washington, Newark, N. J.
Hero Mfg. Co. (Aluminum, etc.), Gaul & Adams, Phila., Pa.
Hess Wm. H. (Copper, Brass & Aluminum), Phila, Pa.
Hill Geo. Q. Co., Framingham, Mass.
Holton-Abbott Mfg. Co., 59 Goram, West Somerville, Mass.
Illinois Pure Aluminum Co. (Aluminum Combs, Hair Pins, Thimbles, etc), Lemont, Ill.
Johns Engineering Co., Power bldg, Superior Viaduct, Cleveland, O.
See adv index at end of book
John's Stamping & Machine Works Co., Cleveland, O.
Kawner Mfg. Co. (Drawn Mouldings in Copper, Brass, Bronze, Aluminum & Steel), Niles, Mich.
Keyes-Davis Co., Battle Creek, Mich.
King William P., Syracuse, N. Y.
Manee Novelty & Metal Co., Walden, Mass.
Matthews H. A. Mfg. Co., Seymour, Conn.
Metal Specialty Mfg. Co., Waterbury, Conn.
See adv index at end of book
Milwaukee Metal Working Co., 383 Clinton, Milwaukee, Wis.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Mossberg Frank Co. (Sheet Metal, Stamped & Punched), Attleboro, Mass.
Moyer-Shaw Mfg. Co., Detroit, Mich.
National Sheet Metal Co. ("Nicolene" Household, Comb Cases, Round & Oblong Trays, Comb Trays & Scrappers), Peru, Ill.
New Haven Plating & Novelty Co., 31 Artizan, New Haven, Conn.
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Norwalk Mfg. Co. (Specialties), E. Norwalk, Conn.
Novelty Mfg. Co. (Brass Mounting & Trimmings), Waterbury, Conn.
Oakville Co. (Brass & Steel Wire and Sheet Metal), Waterbury, Conn.
O'Neill & O'Neill (Fancy Metal Goods), Newark, N. J.
Osborn J. K. Mfg. Co., Harrison, N. J.
Parke Jno. Y. & Co. (Brass Goods for Hardware Trade), 29 N 7th, Phila., Pa.
Pick Albert & Co., 212 W Randolph, Chicago, Ill.
Poeter E. & Co. (Fancy Metal Goods), 251 N J. R. R. av, Newark, N. J.
Precision Metal Workers, 1443 Corroll av, Chicago, Ill.
Pressed Steel Car Co. (Pressed Steel Specialties), 307 5th av, Pittsburgh, Pa.
Richmond Bros. Co., 177 Chestnut, Newark, N. J.
Riley-Klotz Mfg. Co. (Of All Kinds), 17 Mulberry, Newark, N. J.
Salt Wm. B. Mfg. Co. (Steel, All Kinds), Aspenwall, Pa.
Sargeant Mfg. Co., 79 Summit, Newark, N. J.
Schroeder Brothers Mfg. Co., 111 Brookl, Torrington, Conn.
See adv index at end of book
SCOVILL MFG. CO. (To Order Only), Waterbury, Conn.
See adv index at end of book
Seymour Metal Goods Co., Seymour, Conn.
Smith Richardson Co., Attleboro, Mass.
Snow & Barkley, 252 B'way, New York
See adv index at end of book
Sterling Metal Novelty Mfg. Co., 174 Worth, New York
Stirrup Mfg. Co. (Fancy Metal Goods), 257 Greenwich, New York
Success Mfg. Co. (Ash Sifters, Roof Flanges, Traps, etc), Gloucester, Mass.
Thomas Mfg. Co. (Household Specialties), Dayton, O.
Torrington Mfg. Co. (Brass & Iron), Torrington, Conn.
Troy Stamping Works (Novelties), Troy, N. Y.
Turner & Seymour Mfg. Co. (Of All Descriptions), Torrington, Conn.
Universal Specialty Co., 33 E Kinney, Newark, N. J.
Vogel Wm. & Bros., 37 S 9th, Brooklyn, N. Y.
Waterbury Brass Goods Corporation (Made from Brass), Waterbury, Conn.
Western Steel Car & Foundry Co. (Pressed Steel Specialties), 37 W Van Buren, Chicago, Ill.

9675a—Metal Parts (Artificial Limb)

Hawken-Wollgast Co., 184 Beaubien, Detroit, Mich.

9676-7— Metal Polish

A. B. Polish Co. ("A. B." "B. K."), 1515 Haddon av, Chicago, Ill.
Acme Polish Co. (Ltd.), ("Acme" Liquid & Paste, Steel & Copper & "Ayrolite" Silver Dust), 71 12th, Pittsburgh, Pa.
Adams & Elting Co. ("Shi-Nite"), 726 Washington blvd, Chicago, Ill.
Adro Co. ("Adro"), 247 Pearl, New York
Advance Packing & Supply Co. ("Advance"), 11-15 N Franklin, Chicago, Ill.
Albion Mfg. Co., Seattle, Wash.
Allen L. B. Co. ("Al-Lectro" for Metal & Glass), 4519 N Lincoln, Chicago, Ill.
Allers Harry A. ("Solarine"), Emerson bldg, Baltimore, Md.
American Chemical & Mining Co. ("Big Chief"), Atlanta, Ga.
American Metal Polish Co. ("Meyers" Putz Cream), West Somerville, Mass.
American Motor Equipment Co. ("Dazzleine" & "Cinch"), 181 Massachusetts av, Boston, Mass.
American Oil & Disinfectant Co. ("Sparrow"), 196 Water, New York
Anchor Oil & Chemical Co. ("Anchor"), Cleveland, O.
Apothecaries Hall Co., Waterbury, Conn.
Arco Co., Euclid av & E 65th, Cleveland, O.
Armiger Chemical Co. ("Rex" Cream), 2151 Austin av, Chicago, Ill.
Arnold N. B., ("Slikup"), 1 Sigourney, Brooklyn, N. Y.
Arnstein Eugene ("Shine-All"), 415 W 26th, Chicago, Ill.
Atlas Auto Supply Co. ("Sunshine"), 656 W Austin av, Chicago, Ill.
Babbitt B. T. (Inc.) ("Spic & Span"), 11 B'way, New York
Baird Bros. & Co., Cleveland, O.
Barcy-Nicholson Co. ("Bar-Nic"), 837 Fort W, Detroit, Mich.
Baum's Castorine Co. ("Quick Shine," "Rapid"), Rome, N. Y.
Beckley-Ralston Co. ("Carnation-Cream"), 1801 S Michigan av, Chicago, Ill.
Bell Mfg. Co., Main & Gratiot, St. Louis, Mo.
Ben-Hur Metal Polish Co. ("Ben-Hur"), Crawfordsville, Ind.
BENNETT E. W. & CO. ("Brilliantshine"), 2000 16th, San Francisco, Cal.
Bettes A. O. Mfg. Co. ("Ideal"), 1208 E 12th, Kansas City, Mo.
Black Silk Stove Polish Works, Sterling, Ill.
Blair J. T. Co. ("J. T."), Nashville, Tenn.
Blue Ribbon Mfg. Co., Boston, Mass.
Bobrick Chemical Co. ("E. Z. Q."), Los Angeles, Cal.
Borsum Bros. ("Wonderful," "Trumpet," "Kaiser" Paste, etc), 227 Fulton, New York
Bosler E. H., 1935 Wabash av, Chicago, Ill.
Bowman-Edson Co. ("Edsonia"), 64 Dey, New York
Brewer & Co. ("Volki"), Worcester, Mass.
Buckeye Chemical Co. ("Buckeye"), Akron, O.
Chemi Co. ("Jupiter"), 715 E Main, Richmond, Va.
Chemical Supply Co. ("Perfection"), 2450 Canal rd, Cleveland, O.
Cleaner Mfg. Co. ("Polishine," Liquid Paste & Powder), 2842 Olive, St. Louis, Mo.
Cleanola Co. ("Spe-De-Shyne"), Fulton bldg, Pittsburgh, Pa.
Climax Refining Co., Williamson bldg, Cleveland, O.
Colgan Mfg. & Supply Co. ("Peerless," "Crescent"), 118 Maiden la, New York
Connors Wm. Paint Mfg. Co. ("American Seal"), Troy, N. Y.
Cromwell R. A. Mfg. Co. ("Sphinx"), 303 E 29th, New York
Crowell Chemical Co., ("Oxford" & "Ajax" Liquid Paste & Brick & "Oxford" Nickel), Beverly, Mass.
Crown Chemical Co. ("Bailey's Crown"), Indianapolis, Ind.
Cudahy Packing Co. ("Parrot"), 111 W Monroe, Chicago, Ill.
Detroit White Lead Works ("Rogers Auto Brass Shine"), Detroit, Mich.
Dielectric Mfg. Co. ("Dielectric"), 224 S Vandeventer av, St. Louis, Mo.
Dilg Mfg. & Trading Co. ("Acme" plate), 401 E 163d, New York
Dunlap Mfg. Co. ("Oil of Gladness"), Bloomington, Ill.
Duquesne Polish Co. ("Duquesne"), 53 S 15th, Pittsburgh, Pa.
Eavenson J. & Sons ("Jesco"), Camden, N. J.
Eclipse Cement & Blacking Co. ("Tiger's Head"), 1240 Belmont av, Phila., Pa.
Edmonds J. Wesley & Son ("Edmond's Electric"), 212 West, New York
Efficiency Oil Corp. ("Efficiency"), 2100 Kienlen av, St. Louis, Mo.
Electric Cleaner Co., Canton, Ohio
Electro Silicon Co. (Silver Powder), 30 Cliff, New York
Endurance Autoil Co. ("Best Ever"), Muncie, Ind.
Ericka Mfg. Co. ("Shineaul"), Springfield, Mass.
Fairchild M. H. & Bro., 6 W Austin av, Chicago, Ill.
Flebing Chemical Co. ("Fiebing's" "Lusterine), 240 Reed, Milwaukee, Wis.
Forbes Benj. P. Co., Cleveland, O.
Garratt-Callahan Co. ("Metalshine"), 30 Fremont, San Francisco, Cal.
German Chemical Supply Co. ("Perfection"), 9420 Meach av, Cleveland, O.
Grady Mfg. Co. ("Scouree," "U-No," "Putz," Glittershine," "Army & Navy," "National," "Compound"), Ely av, Bridge Plaza, Astoria, N. Y.
Great Western Oil Co. ("G. W."), 284 E 37th, Cleveland, O.
Greene Mineral Paste Co., Keene, N. H.
Hall-Thompson Co. ("Wonder Worker"), Hartford, Conn.
Harris A. W. Oil Co. ("Harris-Scouree"), 326 So Water, Providence, R. I.
Harvey Chemical Co. ("American" Liquid & Paste "Dissolvent"), Lafayette, Ind.
Hawkeye Oil Co. ("Faultless"), Waterloo, Iowa
Hazen-Brown Co. ("Monkey-Shine"), 100 South, Boston, Mass.
Heaney Mfg. Co., 164 State, Boston, Mass.
Hensel & Meyer, 2149 Belmont av, Chicago, Ill.
Hercules Chemical Works, 1221 N Wells, Chicago, Ill.
Hinds & Coon ("Ruby-Rub"), 126 Pearl, Boston, Mass.
Hoffman Geo. W. Co. ("U. S." Infallible Paste, Powdered & Liquid, "Bar Keepers' Friend"), 557 E Washington, Indianapolis, Ind.
Hoffman Paint & Varnish Co. ("Anchor"), Waters av, Boston, Mass.
Hollingshead R. M. Co. ("Whiz," "Hollingshead" Liquid, "Glitterbrite," "Nugloss," Body, "Electric Shine," Liquid & Paste), Camden, N. J.
Idealo Co., Bourse bldg, Phila., Pa.
International Metal Polish Co. ("Blue Ribbon"), Quill & Belt Ry, Indianapolis, Ind.
Inter-State Auto & Supply Co, (Brass). Sioux City, Iowa
Jewel Mfg. Co. ("Nelson"), 2863 W 22nd, Chicago, Ill.
Johns H. W.-Manville Co. ("J.-M. Metallo"), 41st & Madison av, New York
Johnston Wm. T. Co. ("Moonshine Brand") 3d & Vine, Cincinnati, O.
Justice A. R. Co. ("U-Kan-Plate"), 607 Chestnut, Phila., Pa.
Kimball C. M. Co., Winthrop, Mass.
Landers, Frary & Clark ("L. F. & C.," Cleaning & Polishing Powder for Gold, Silver Plated Ware, etc), New Britain, Conn.
Layton Park Oil & Soap Co. ("Dazzler"), Forest H. & Hofmeister, Milwaukee, Wis.
Le Doyen Frank J. Co. ("Varnoll"), 827 Mangold, Baltimore, Md.
Lincoln Fixture & Supply Co. ("Iwanta"), Lincoln, Neb.
Lord F. T. Polish Co. ("Lumino" & "Car-Brite"), Cambridge, Mass.
Lowell Polish Co., Lowell, Mass.
Lustre Creme Mfg. Co. ("Lustre Creme"), Rock Island, Ill.
McLean-Jones Oil & Supply Co. ("Nox-All"), 40 India Wharf, Boston, Mass.
Manufacturers' Oil & Grease Co. ("Brass Bright"), Century bldg, Cleveland, O.
Manufacturers' Supplies Co. ("Velox") Juniper & Cherry, Phila., Pa.
Marshall Oil Co. of Iowa ("French"), Marshalltown, Ia.
Martin & Martin ("E-Z" Liquid Paste, etc), 3005 Carroll, Chicago, Ill.
Matchless Metal Polish Co. ("Mexoline" Liquid Non-Inflammable, "Matchless" Paste), 151 Varick, New York
Mepham Geo. S. & Co., 20th & Lynch, E St. Louis, Ill.
Met-ol Polish & Mfg. Co., 1027 Larroke, Chicago, Ill
Michigan Stove Co. ("Garland," Nickel), Detroit, Mich.
Miller Bros. & Co. ("Sterling" Silver Polish & "Dazzler" Putty Liquid), 894 B'way, New York
Millers' A. D. Sons Co. ("Appex Polishine"), Columbus & Preble, Pittsburgh, Pa.
Mills H. W. & Co. ("Croftstein"), Paterson, N. J.
Modoc Co. ("Modoc," Brass Polish), Fernwood, Phila., Pa.
Monroe Specialty Co. ("Meritorious"), 379 Pearl, New York
Moore E. C. & Son Co. ("Moore"), 11 Elizabeth av, Detroit, Mich.
Morgan Mfg. Co. ("Morganlite"), Newport, R. I.
Morris Richard S. & Co. ("Shine On"), 138 N Dearborn, Chicago, Ill.
Morris R. W. Mfg. Co. ("Golden Star"), 815 E 21st, Kansas City, Mo.
Motor & Machinists Supply Co. ("M. & M. Diamond"), 1519 Grand, Kansas City, Mo.
Mutual Auto Accessories Co. of America ("Skidoo," "23" & Hand Soap), 1777 Broadway, New York
National Rubber & Specialties Co. ("Narcaso" Liquid), Cincinnati, O.
N. J. Paint Works ("New Jersey" & "Bertram"), Wayne, Jersey City, N. J.
Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill. *See adv index at end of book*
No. American Chemical & Engineering Co. ("Eureka" "North American" in Liquid & Paste), 23 Old Slip, New York
Northwestern Chemical Co. ("Sil-ver-ol," "Pioneer"), Marietta, O.
Noxall Polish Mfg. Co. ("Noxall"), 1238 Belmont av, Phila., Pa.
Nu Back Mfg. Co. ("Brass-Nu"), 114 N Commercial, St. Louis, Mo.
Opie J. W. Brush Co. ("O P"), Kansas City, Mo.
Oriental Rouge Co. ("Oriental" Rouges), Bridgeport, Conn.
Orona Mfg. Co. ("O. M. C. Alumishine"), 224 Milk, Boston, Mass.
Panama Oil & Grease Co. ("Panama" Liquid & Paste), 159 W 51st, New York
Parker Refining Co. ("Shine Bright"), 1307 W 11th, Cleveland, O.
Patterson Lubricating Co. ("Patterson Lustre"), 114 Broad, Boston, Mass.
Patton Paint Co. ("Sunbright"), Milwaukee, Wis.
Paul J. C. & Co. ("Burnshine"), Liquid, "Putz," Pomade, "Pride of the Bar Powder"), 930 Roscoe, Chicago, Ill.
Polish Products Co., Kansas City, Mo.
Pride of the Kitchen Co. ("Peekay"), 390 Smith, Brooklyn, N. Y.
Providence Oil Co. ("Zone"), 10 Dorrance Wharf, Providence, R. I.
Pure Oil Co. ("Puritan"), 1st & 13th av, S, Minneapolis, Minn.
Puritan Oil Co. ("Gilsten"), 1244 W 70th, Cleveland, O.
Puritan Soap Co. ("Puritan," Liquid), 496 Exchange, Rochester, N. Y.
Quaker Soap Co. ("Quaker"), 207 Provost, Jersey City, N. J.
Rath Chas. H. Co. ("A-1"), Columbus & Hancock, Phila., Pa.
Rath Mfg. Co. ("Imperial," "Staraline," "Swiss Shine," "Golden Sceptre," "High Shine" & "Chas. Rath's Original"), Headley E. of Richmond, Phila., Pa.
Reid W. W. Mfg. Co., ("Reid's Putz" & "Reid's Putz Pomade"), 204 Milk, Boston, Mass.
Reith Polish Co., 1626 N Sawyer av, Chicago, Ill.
Rexine Company ("Maxine"), Sheboygan, Wis.
Richmond Bros. ("Met-al-shine"), 616 Main, Cincinnati, Ohio
Rochester Chemical Co. ("Shinon"), Rochester, N. Y.
Rome Soap Mfg. Co., ("Three B"), Rome, New York
Rutland Fire Clay Co. ("Rutland"), Rutland, Vt.
St. Louis Surfacer & Paint Co., Arlington & Terminal & Belt Line, St. Louis, Mo.

METAL POLISH—continued

Sawyer Howard B. Oil Co., ("Sawyer's"), 62 Long wharf, Boston, Mass.
Schlegel Oscar Mfg. Co. ("Lustreine" Liquid), 111 E 12th, New York
Sheppard W. S. ("Prestoshine"), 21 Lawrence, Newark, N. J.
Sherwin-Williams Co. ("Brassbrite"), Cleveland, O.
Solarine Co., 153 N Carpenter, Chicago, Ill.
Solshine Mfg. Co. ("Solshine"), 22 Custom House, Boston, Mass.
Sonneborn L. Sons ("Amalie" Paste, Liquid & Non-Burning), 262 Pearl, New York
Speare's Alden Sons Co., ("Speare's"), Cambridge, Mass.
Standard Chemical Co. ("Standard"), Houston, Texas
Stanley Jno. T. ("Hyglo"), 642 W 30th, New York
Star Oil Co., 440 N Halsted, Chicago. Ill.
Stevens Frederick B. ("Columbia" Liquid), 3d & Larned, Detroit, Mich.
Stevens Geo. I., Essex, Conn.
Steward D. M. Mfg. Co. ("Stained" Powder for Cleaning & Polishing everything), Chattanooga, Tenn.
Stinson B. F. & Co. ("Easybright"), Buffalo, N. Y.
Superl Mfg. Co. ("Superl"), Los Angeles, Cal.
Suydam M. B. Co., ("Monarch"), 61st & Butler, Pittsburgh, Pa.
Sweet C. F. ("Sweet's Magic"), Hartford, Conn.
Tanite Co. ("Tanite" Polishing Paste), Stroudsburg, Pa.
Tarbox Mfg. Co., New London, Conn.
Taylor Gilbert D., 3828 S State, Chicago, Ill.
Thumb E. W. ("Sunshine" Brass Bed), 872 Orleans, Chicago, Ill.
Trafton F. M. Co. ("Brilliant"), 176 Federal, Boston, Mass.
Ulrich & Co. ("A-O-K," "Raydo" Liquid & Dry), 363 E North, Buffalo, N. Y.
Uno. Mfg. Co. ("S & B" "Uno"), 6433 Ravenswood av, Chicago, Ill.
U-Sav-Your Mfg. Co. ("U-Sav-Your" Automobile Dressing & Polish), Warren, Mass.
Utility Co. (Powder), 636 W 44th, New York
Van Tilburg Oil Co. ("Goldshine"), 2428 University av, S E, Minneapolis, Minn.
Wadsworth-Howland Co., ("Bay State"), 141 Federal, Boston, Mass.
Warren Refining & Chemical Co. ("Warren"), 9420 Meech av, Cleveland, O.
Western Robe Mills ("Allen's New Discovery" Powder "Western" Liquid), 610 W Randolph, Chicago, Ill.
Williams Mfg Co, Westerville, O
Wilson Mfg. Co., Cleveland, Ohio
Winn Wm. R ("Moonshine"), 488 Cherry, New York
Wright J. A. & Co. ("Red Star" Powder), Keene, N. H.
Young Orlando W., 488 Cherry, Newark, N. J.

9678—Metal Sash & Mouldings

Braun J. G., 609 S Paulina, Chicago, Ill.
Clason Architectural Metal Works (Metal Frames & Sashes Only). Works: 428 Kinsley av, Providence, R. I.
DAHLSTROM METALLIC DOOR CO., 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book
McCord Mfg. Co. (For Car Windows, etc.), Detroit, Mich.

9679— Metal (Silver)

Empire Metal Co. (For Bright Galvanizing), Syracuse, N. Y.
Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.

9679a— Metal Small Wares

AM. BRASS PRODUCTS CO., Pottstown, Pa.

9680—Metal Threshold (Air Tight)

Pittsburgh Air Tight Metal Door Sill Co., Liberty & Short, Pittsburgh, Pa.

Metal (Tungsten)

See Ferro-Tungsten

9681-2—Metal (Yellow Muntz)

Detroit Copper & Brass Rolling Mills, Detroit, Mich.
Hungerford U. T. Brass & Copper Co. (Plates, Sheets, Nails & Rods), 80 Lafayette, New York
MERCHANT & EVANS CO., 2035 Washington av, Phila., Pa.
See adv index at end of book
Michigan Copper & Brass Co., Detroit, Mich.
Phila. Metal Products Co., (Jobbers), Broad & Cherry, Phila., Pa.
Taunton-New Bedford Copper Co. (Sheets, Bars, etc.), Taunton, Mass.

9683— Metallic Sash Bars

Anderton E. K., 210 Grand, New York
Barnum E. T. Wire & Iron Works, 864 Woodward, Detroit, Mich.
Braun J. G., 609 S Paulina, Chicago, Ill.
Detroit Show Case Co., 480 Fort W., Detroit, Mich.
Jones Trevor F. & Co., 374 W B'way, New York
Love Brothers (Inc.) (Cast Iron), Aurora, Ill.
National Metallic Sash Co. (Zinc), 355 Union Park, Chicago, Ill.
Rochester Show Case Works, Rochester, N. Y.
Thorne Hold-Fast Metal Bar Co., Troy, N. Y.
Voltz Mfg. Co. ("Universal"), 914 Penn., St. Joseph, Mo.

9683a—Metallographic Apparatus

Holz Herman A., 2 Madison av, New York
See adv index at end of book

9683b—Metallurgical Research Apparatus

Holz Herman A., 2 Madison av, New York
See adv index at end of book

METALLURGICAL TESTING AND RESEARCH APPARATUS
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9684— Metals (Aluminum)

LEAVITT C. W. & CO., 34 Church, New York *See adv index at end of book*

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Pure Aluminum Ingots, Aluminum Alloys, Aluminum Sheets, Aluminum Rods, Aluminum Granulated, Babbitts, Solders, Pig Metals.
UNITED SMELTING & ALUMINUM COMPANY, Inc.
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New York Chicago Detroit Pittsburgh

Metals (Anti-Friction)

See Babbitt Metal; also Bearings, Various Kinds

9685—Metals (Antimonial Lead)

LEAVITT C. W. & CO., 34 Church, New York *See adv index at end of book*

9686— Metals (Antimony)

Fuerst Bros. & Co. (Imported), 2 Stone, New York
LEAVITT C. W. & CO., 34 Church, New York *See adv index at end of book*
Winter Son & Co. (Imp.), 64 Wall, New York

9687-8—Metals (Benedict Nickel)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

Metals (Bearing)

See Babbitt Metal; also Bearings, various kinds.

9689— *Metals (Copper)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
LEAVITT C. W. & CO., 34 Church, New York *See adv index at end of book*
Stamford Rolling Mills Co., Inc. (Sheets), Springdale, Conn.

9690—*Metals (Cupro Nickel)

AMERICAN BRASS CO. (Sheets), Waterbury, Conn.
For branch offices see adv index at end of book
Scovill Mfg. Co. (Products), Waterbury, Conn. *See adv index at end of book*
Stanford Rolling Mills Co. (Sheets), Springdale, Conn.

9691—Metals (Electrotype, Linotype, Monotype, Stereotype, Etc.)

Ajax Metal Co., 46 Richmond, Phila., Pa.
American Smelting & Refining Co., Cincinnati, O.
Blatchford E. W. Co., 230 N Clinton, Chicago, Ill.
Bogue-Wensley Lead Co., Denver, Col.
Eagle Picker Lead Co. The, 208 S La Salle, Chicago, Ill.
Eagle Smelting & Refining Works, 233 B'way, New York
Empire Metal Co., Syracuse, N. Y.
Finn John Metal Works, Seattle, Wash.
Hiertz Theo. Metal Co., Alaska & Tesson St. Louis, Mo.
Hoyt Metal Co., Boatmen's Bank bldg, St. Louis, Mo.
ILLINOIS SMELTING & REFINING CO., 410 N Peoria, Chicago, Ill.
See adv index at end of book
Jacobson I. M. & Sons, 70 Catherine, Detroit, Mich.
Lissberger, Marks & Son, 281 Borden av, Long Island City, New York
London & Sack, 259 Front, New York
MERCHANT & EVANS CO., 2035 Washington av, Phila., Pa.
See adv index at end of book

MICHIGAN SMELTING & REFINING CO.
1695 Jos. Campau, Detroit, Mich.

Nassau Smelting & Refining Works, 603 W 29th, New York
National Lead Co., 111 B'way, New York
North American Copper Co., 52 Vanderbilt av, New York
North American Smelting Co. ("Crescent," "Crown"), 9th & Thompson, Phila, Pa.
Northwestern Shot & Lead Works, 90 Fairfield av W, St. Paul, Minn.
Ohio Metal Co., 1137 N 4th, Columbus, O.
Peerless Alloy Co., Denver, Col.
Pittsburgh White Metal Co., 3116 Penn av, Pittsburgh, Pa.
Rogers Metal Works, Kansas City, Mo.
Selby Smelting & Lead Co. ("Perfection"), 201 1st, San Francisco, Cal.
Staplin & Smith, 359 W Austin, Chicago, Ill.
SYRACUSE SMELTING WORKS ("Stanley Process"), 192 Diamond, Brooklyn, N. Y.

UNION SMELTING AND REFINING CO., Inc.
Newark, N. J.

United Lead Co., 111 B'way, New York
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
See adv index at end of book
Williams E. A. & Son, 109 Plymouth, Jersey City, N. J.

9692—*Metals (German Silver)

American Brass Co., Waterbury, Conn.
For branch offices see adv index at end of book
Scovill Mfg. Co. (Specialties), Waterbury, Conn. *See adv index at end of book*

9693— Metals (Magnesium)

American Magnesium Corp., Niagara Falls, N. Y.
Fuerst Bros. & Co. (Imported), 2 Stone, New York
Goldschmidt Thermit Co., 120 Broadway, New York
LEAVITT C. W. & CO., 34 Church, New York *See adv index at end of book*
United Smelting & Aluminum Co., Inc, 183-189 Commerce, New Haven, Conn. *See adv index at end of book*

9694— Metals (Manganese)

Goldschmidt Thermit Co., 120 Broadway, New York
LEAVITT C. W. & CO., 34 Church, New York *See adv index at end of book*
METAL & THERNIET CORP., 120 Broadway, New York
See adv index at end of book

9695— Metals (Nickel)

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
International Nickel Co., 43 Exchange pl, New York
MERCHANT & EVANS CO., 2035 Washington av, Phila., Pa.
See adv index at end of book
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn. *See adv index at end of book*
UNITED STATES NICKEL CO., New Brunswick, N. J.
Whipple & Choate, Bridgeport, Conn.
WILLIAMS & CO. (INC.), 220-226 Penn av, Pittsburgh, Pa.
See adv index at end of book

9695a—*Metals (Nickel Silver)

AMERICAN BRASS CO., Waterbury, Conn.
See adv index at end of book

9695b—*Metals (Non Ferrous)

UNITED SMELTING & ALUMINUM CORP, 187 Commerce, New Haven, Conn.
See adv index at end of book

Metals (Old)

See Scrap Iron & Steel
See also Scrap Brass & Copper

9696— Metals (Perforated)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
American Perforated Metal Co., Belleville, N. J.
Beckley Perforating Co. (For All Purposes), Garwood, N. J.
California Perforating Screen Co., 416 Harrison, San Francisco, Cal.
Central Stamping Co., 174 Fulton, New York
Chicago Perforating Co., 2445 W 24th pl, Chicago, Ill.
Clinton Wire Cloth Co., Clinton, Mass.
Cross Engineering Co., Carbondale, Pa.
ERDLE PERFORATING CO., 181 York Rochester, N. Y.
See adv index at end of book
Harrington & King Perforating Co., 614 N Union av, Chicago, Ill.
Hendrick Mfg. Co., Carbondale, Pa.
Hungerford U. T. Brass & Copper Co. (Brass, Copper, Iron or Steel), 80 Lafayette, New York
Johnston & Chapman Co., 2925 Carroll av, Chicago, Ill.
Laubenstein Mfg. Co., Ashland, Pa.
Littleford Bros., 444 E Pearl, Cincinnati, O.
Manhattan Perforated Metal Co., 237 Centre, New York
Merchant & Evans Co. (Brass, Copper, Iron or Steel), 2035 Washington av, Phila., Pa. *See adv index at end of book*
Multi-Metal Separating Screen Co., 251 W 19th, New York
Mundt Charles & Sons, 53 Fairmount av, Jersey City, N. J.
Nortmann-Duffke Foundry Co. (Perforated from all Metals), Layton Park, Milwaukee, Wis.
Novelty Mfg. Co. (Also Embossed), Waterbury, Conn.
Seibel-Suessdorf Copper & Iron Mfg. Co., 2d & Lombard, St. Louis, Mo.
Toepfer W. & Sons Co., 80 Menomonee, Milwaukee, Wis.

9697— Metals (Plated Sheet)

National Sheet Metal Works, (Nickel, Tin & Zinc, Bronzene, Brassene, Copperene, etc), Peru, Ill.

9698— Metals (Platers')

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Merchant & Evans Co., 2035 Washington av, Phila., Pa. *See adv index at end of book*
Pilling Conn. Brass & Mfg. Corp. (Thin Gauges of Rolled Brass, Bronze, Nickel Silver & Copper), Waterbury, Conn.
Winchester B. & C. Co. (Thin Gauges, Rolled Brass, Bronze & Copper), New Winsted, Conn.

9699— *Metals (Rare)

LEAVITT C. W. & CO., 34 Church, New York *See adv index at end of book*

9700— Metals (Silicon)

Carborundum Co., Niagara Falls, N. Y.

9701— Metals (Silver)

Earle E. P., 165 Broadway, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

9702— Metals (Terne)

Pittsburgh Smelting & Refining Co., Elizabeth & B. & O. R. R., Pittsburgh, Pa.

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9703—*Metals (Tobin Bronze)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

9703a—Meter—Discs & Counters (Numbered)

Arlington Works, The (E. I. du Pont de Nemours & Co.), 21 E 40th, New York
Hanks F. W. ("Nowarp" Discs), 1064 St. Clair av, Cleveland, O.

9704— Meter Provers

American Meter Co., 3112 N 17th, Phila., Pa.
Equitable Meter Co., 424 1st av, Pittsburgh, Pa.
Frontier Meter Works, Buffalo, N. Y.
McDonald D. & Co., Albany, N. Y.
Phoenix Meter Co., Camden, N. J
PITTSBURGH METER CO., East Pittsburgh, Pa.
Standard Meter Co., 3117 N 17th, Phila., Pa.
Superior Meter Co., 254 36th, Brooklyn, N. Y.

9705— Meter Seals

American Seal Co., Bridgeport, Conn.
Amer. Casting & Mfg. Corp., 30 Main, Brooklyn, N. Y.
Books E. J. Co., 227 Fulton, New York
Eastern Specialty Co., 3409 N 13th, Phila., Pa.
International Seal & Knot Protector Co., 133 Mercer, New York
Keystone Seal & Press Co. ("Keystone"), 30 Main, New York
Lattimer-Stevens Co., Columbus Savings & Trust Bldg., Columbus, O.
Metropolitan Engrg. Co., 35 Vestry, New York
United Seal Co. ("Safety," "Peerless"), 239 S Pearl, Columbus, O.

9706— Meters (Acetylene)

Bacharach Industrial Instrument Co., 14 Wood, Pittsburgh, Pa.
Cleveland Gas Meter Co., Cleveland, O.
Frontier Meter Works, Buffalo, N. Y.
Griffin John J. & Co., 1513 Race, Phila., Pa.
Maryland Meter Works, Baltimore, Md.

9707— Meters (Air)

Bacharach Industrial Instrument Co., 14 Wood, Pittsburgh, Pa.
BAILEY METER CO. ("Bailey"), 141 Milk, Boston, Mass.
See adv index at end of book
Builders Iron Foundry ("Venturi"), 9 Codding, Providence, R. I.
Clark, Chas. J., 1716 W Adams, Chicago, Ill.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Metric Metal Works ("Westcott"), Erie, Pa.
St. John G. C., 280 Madison av, New York
Sargent Steam Meter Co., 1902 N California, Chicago, Ill.
Wissler A., B'way & Washington av, St. Louis, Mo.

9707a—*Meters (Air Speed, for Aeroplanes)

FOXBORO COMPANY THE, succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.
See adv index at end of book

9707b—Meters (Altitude & Degree Finder)

Eureka Instrument & Appliance Co., 419 Granite bldg, Rochester, N. Y.

9708-9—Meters (Ampere Hour)

Sangamon Electric Co. ("Sangamo" Direct Current), Springfield, Ill.

Meters (Auto)

See Meters, Speed Indicating

9710— Meters (Beer)

Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

9710a— *Meters (Boiler)

BAILEY METER CO. ("Bailey" For Rate of Flow, Steam, Air & Flue Gas Temperature), 141 Milk, Boston, Mass.
See adv index at end of book
Blanck W. A. & Co. (Efficiency), 343 S Dearborn, Chicago, Ill.

9710b— Meters (Brine)

Builders Iron Foundry ("Venturi"), 9 Codding, Providence, R. I.
Phila. Meter Co., Real Estate Trust bldg, Phila., Pa.

9710c—Meters (Chemical Solutions)

Builders Iron Foundry ("Venturi"), 9 Codding, Providence, R. I.

9711— Meters (Coal)

C. J. Mfg. Co. (For Stokers, etc), 3425 N 5th, Phila., Pa.
Havard O. D. Co. ("Harvard"), Scranton, Pa.

9712-3— Meters (Current)

See also Meters, Flow

Buff & Buff Mfg. Co., Jamaica Plain, Mass.
Gurley W. & L. E. ("Price," For Steam Gaging), Troy, N. Y.
Republic Flow Meters Co., 565 Wash blvd, Chicago, Ill.
Simple Valve & Meter Co., 110 N Broad, Phila., Pa.

9714— Meters (Disc)

BUFFALO METER CO. ("American" & "Niagara"), 2921 Main, Buffalo, N. Y.
See adv index at end of book
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

9715-6—Meters (Distance Recording)

Bacharach Industrial Instrument Co., 14 Wood, Pittsburgh, Pa.
Bullard Specialty Co. (Speedometer & Odometer Combined), Springfield, Mass.
Du Vivier Ernest H. (Imp), 30 Church, New York
Electric Tachometer Co. (Electric Odometers, Speedometers, etc), Perry bldg, Phila., Pa.
Queen-Gray Co., 618 Chestnut, Phila., Pa.
Sibley Pitman Electrical Corp. ("Abell"), 19 W 36th, New York
Standard Thermometer Co., 65 Shirley, Boston, Mass.
Star Speedometer Co. (Speedometer & Odometers Combined), Milton, Pa.
Stewart-Warner Speedometer Corp., 1826 Diversey Parkway, Chicago, Ill.
Veeder Mfg. Co. ("Veeder" Cyclometers, Odometers), Hartford, Conn.

Meters (Electric)

See Wattmeters; also Ammeters & Voltmeters

9717—Meters (Feed Water)

Bailey Meter Co. ("Bailey"), 141 Milk, Boston, Mass.
See adv index at end of book
Builders Iron Foundry ("Venturi"), 9 Codding, Providence, R. I.
Central Station Steam Co., 710 Woodbridge av, Detroit, Mich.
Harrison Safety Boiler Works ("Cochrane"), 3147 N 17th, Phila., Pa.
Hoppes Mfg. Co., Springfield, Ohio
Simplex Valve & Meter Co., 110 N Broad Phila., Pa.
Spray Engineering Co. ("Vaughan"), 93 Federal, Boston, Mass.
Yarnall-Waring Co., Harrison bldg, Phila., Pa.

9718— *Meters (Flow)

BAILEY METER CO. ("Bailey"), 141 Milk, Boston, Mass.
See adv index at end of book
FOXBORO COMPANY, THE, succeeding, Industrial Instrument Co. ("Foxboro," Steam, Water & Gas), Foxboro, Mass.
See adv index at end of book
GENERAL ELECTRIC CO. (Integrating, Recording & Indicating, for Air, Steam, Water, Gas & Oil), Schenectady, N. Y. *See adv index at end of book*

9719— Meters (Frequency)

Biddle James G. ("Frahm"), 1211 Arch, Phila., Pa.
BRISTOL CO. ("Bristol" Recording), Bristol, Conn.
Holtzer-Cabot Electric Co., 125 Armory, Boston, Mass.
Lombard Governor Co. (Precision), Ashland, Mass.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Weston Electrical Instrument Co., Waverly Park, Newark, N. J.

9720— Meters (Fuel Gas)

American Meter Co., 3112 N 17th, Phila., Pa.
Bacharach Industrial Instrument Co. ("Hydro"), 14 Wood, Pittsburgh, Pa.
Builders Iron Foundry ("Venturi"), 9 Codding, Providence, R. I.
Equitable Meter Co., 424 1st av, Pittsburgh, Pa.
PITTSBURGH METER CO., East Pittsburgh, Pa.
Urhling Instrument Co., 71 B'way, New York

9721— Meters (Gas)

American Meter Co. (Wet & Dry), 3112 N 17th, Phila., Pa.
Bacharach Industrial Instrument Co., 14 Wood, Pittsburgh, Pa.
Bailey Meter Co. ("Bailey"), 141 Milk, Boston, Mass.
See adv index at end of book
Builders Iron Foundry ("Venturi"), 9 Codding, Providence, R. I.
Cleveland Gas Meter Co. (Also Cast Iron for Natural Gas), Cleveland, O.
CUTLER-HAMMER MFG. CO. (Electric, for Gas Plants), 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Equitable Meter Co. ("Equitable" Dry), 424 1st av, Pittsburgh, Pa.
Gas Machinery Co. (Station), 1900 Euclid av., Cleveland, O.
Griffin J. J. & Co., 1513 Race, Phila., Pa.
Helme & McIlhenny, 1339 Cherry, Phila., Pa.
Kreutzburg Meter Co., 9 S Clinton, Chicago, Ill.
McDonald D. & Co., Albany, N. Y.
Metric Metal Works (Natural & Artificial Gas), Erie, Pa.
Ohio Gas Meter Co. (Tin), Soc. for Sav. bldg, Cleveland, O.
Phoenix Meter Co., Camden, N. J.
PITTSBURGH METER CO. ("Westinghouse" Gas & "Westinghouse" Proportional), East Pittsburgh, Pa.
Rotary Meter Co. (Rotary Meter), 52 Vanderbilt av, New York
St. John G. C. ("St. John" Indicating & Recording), 280 Madison av, New York
Sargent Steam Meter Co., 1902 N California, Chicago, Ill.
Sprague Meter Co. (Cast Iron), Bridgeport, Conn.
Standard Meter Co. (Natural & Artificial Gas), 3117 N 17th, Phila., Pa.
Standard Meter & Mfg. Co. (Natural & Artificial Gas), 433 W 42d, New York
Superior Meter Co. (also Oxygen & Hydrogen & Anesthetic), 254 36th, Brooklyn, N. Y.
Tufts Nathaniel Meter Co., 455 Commercial, Boston, Mass.

9722— *Meters (Gasoline)

BUFFALO METER CO. ("Niagara"), 2921 Main, Buffalo, N. Y.
See adv index at end of book
Pittsburgh Meter Co. (Service Station), East Pittsburgh, Pa.
See adv index at end of book
Phila. Meter Co., Real Estate Trust bldg, Phila., Pa.

9723—Meters (Grade Indicating)

Adams Co., Dubuque, Ia.
Wissler A., B'way & Wash av, St. Louis, Mo.

9724— Meters (Hot Water)

BAILEY METER CO. ("Bailey"), 141 Milk, Boston, Mass.
See adv index at end of book
Buffalo Meter Co. ("Niagara"), 2921 Main, Buffalo, N. Y.
See adv index at end of book
PITTSBURGH METER CO., East Pittsburgh, Pa.
SIMPLEX VALVE & METER CO. ("Simplex Venturi" & for V Notch Weirs), 110 N Broad, Phila., Pa.
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

9725—Meters (Lumber Measuring)

Tally-Meter Co. ("Tally-Meter"), Norwich, Conn.

9726— *Meters (Natural Gas)

Bailey Meter Co. ("Bailey"), 141 Milk, Boston, Mass.
See adv index at end of book
PITTSBURGH METER CO., East Pittsburgh, Pa.

9727— Meters (Oil)

Bowser S. F. & Co., Fort Wayne, Ind.
BUFFALO METER CO. ("Niagara"), 2921 Main, Buffalo, N. Y.
See adv index at end of book
Builders Iron Foundry ("Venturi"), 9 Codding, Providence, R. I.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Milwaukee Tank Works, 851 Kinnickinnic av, Milwaukee, Wis.
National Meter Co., 299 B'way, New York
National Supply Co. (Fuel Oil), 416 W Grand av, Chicago, Ill.
PITTSBURGH METER CO., East Pittsburgh, Pa.
Phila. Meter Co., Real Estate Trust bldg, Phila., Pa.
Union Water Meter Co. ("Ball & Fitts"), Worcester, Mass.
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

9728— Meters (Photometer)

American Meter Co., 3112 N 17th, Phila., Pa.
Superior Meter Co., 254 36th, Brooklyn, N. Y.

9729— Meters (Pitot Tube)

SIMPLEX VALVE & METER CO. ("Simplex"), 110 N Broad, Phila., Pa.

9730— Meters (Pocket)

American Ever Ready Wks. ("Ever Ready" for Testing Batteries), Thompson av, L. I. City, New York
Connecticut Telephone & Electric Co. ("Connecticut" for Testing Batteries), Meriden, Conn.
Roberts Instrument Co. (Battery Testing), Detroit, Mich.
Sterling Mfg. Co. ("Sterling" Battery), Blackstone bldg, W 3rd, Cleveland, O.

9730a— Meters (Positive)

Pittsburgh Meter Co., E Pittsburgh, Pa.

Meters (Prepayment Gas)

See Meters, Gas

9731—Meters (Proportional Gas)

Equitable Meter Co. ("Wylie"), 424 1st av Pittsburgh, Pa.
Maryland Meter Works, Baltimore, Md.
PITTSBURGH METER CO. ("Westinghouse"), East Pittsburgh, Pa.

9732—Meters (Recording Complaint)

Maryland Meter Works, Baltimore, Md.

9733— Meters (Sewage)

Builders Iron Foundry ("Venturi"), 9 Codding, Providence, R. I.

9734—Meters (Speed Indicating)

See also Indicators, Speed

Bullard Specialty Co. (Speedometer, Odometer & Clock Combined), Springfield, Mass.
CHICAGO PNEUMATIC TOOL CO. ("Boyer"), Fisher bldg, Chicago, Ill.
See adv index at end of book
Du Vivier Ernest H. (Imp), 30 Church, New York
Elgin National Watch Co., Elgin, Ill.
Jones Speedometer ("Jones"), 590 Jackson av, Brooklyn, N. Y.
Nicholson Ship Log & Realty Co. ("Nicholson" for Motor Boats, Yachts, etc), 409 Superior, N W, Cleveland, O.
Stewart-Warner Speedometer Corp. ("Warner" Auto Meters), 1826 Diversey Parkway, Chicago, Ill.
Veeder Mfg. Co. ("Veeder Tachometer"), Hartford, Conn.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9735— Meters (Station)

American Meter Co., 3112 N 17th, Phila., Pa.
Builders Iron Foundry ("Venturi"), 9 Codding, Providence, R. I.
Equitable Meter Co., 424 1st av, Pittsburgh, Pa.
Helme & McIlhenny, 1339 Cherry, Phila., Pa.
McDonald D. & Co. ("Hinman" Drum), Albany, N. Y.
Phoenix Meter Co., Camden, N. J.
Rotary Meter Co. (Rotary Meter), 52 Vanderbilt av, New York
Standard Meter Co., 3117 N 17th, Phila., Pa.
Tufts Nathaniel Meter Co. ("Hinman"), 455 Commercial, Boston, Mass.

9736— Meters (Steam)

American District Steam Co. ("Holly," "St. John" Steam & "Simplex" Condensation), N Tonawanda, N. Y.
Bacharach Industrial Instrument Co., 14 Wood, Pittsburg, Pa.
BAILEY METER CO. ("Bailey" Steam Plow), 141 Milk, Boston, Mass.
See adv index at end of book
Builders Iron Foundry ("Venturi"), 9 Codding, Providence, R. I.
Central Station Steam Co. ("Detroit"), 710 Woodbridge, Detroit, Mich.
GENERAL ELECTRIC CO. (Indicating & Recording), Schenectady, N. Y.
See adv index at end of book
Pearce W. H. & Co. ("Crescent" Condensation), 333 S Dearborn, Chicago, Ill.
St. John G. C. ("St. John" Indicating & Recording, 280 Madison av, New York
Sargent Steam Meter Co. ("Sargent"), 1902 N California, Chicago, Ill.

9737— Meters (Test)

American Meter Co., 3112 N 17th, Phila., Pa.
BUFFALO METER CO. (For Testing Water Meters), 2921 Main, Buffalo, N. Y. *See adv index at end of book*
Equitable Meter Co., 424 1st av, Pittsburgh, Pa.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Phoenix Meter Co., Camden, N. J.
Standard Meter Co. (Portable), 3117 N 17th, Phila., Pa.
WESTINGHOUSE ELECTRIC & MFG. Co., E Pittsburgh, Pa.
See adv index at end of book

9738—Meters (Testing, Water Meter)

BUFFALO METER CO. ("American"), 2921 Main, Buffalo, N. Y.
See adv index at end of book

9738a— Meters (Torsien)

Cummings Ship Instrument Works ("Gary-Cummings"), 110 High, Boston, Mass.

9739—Meters (Turbine Water)

Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

When writing to firms whose names appear in this book please mention
HENDRICKS' COMMERCIAL REGISTER.

BAILEY METERS

BAILEY FLUID METER
For Steam, Water, Air, Gases and other Fluids at any Pressure or Temperature..

BAILEY BOILER METER
For any type boiler, furnace or stoker. Recording Steam Flow, Air Flow, Flue Gas Temperature and other important factors.

GAS FLOW METER
For flue gas, mine ventilation, fan discharge, etc.

DIFFERENTIAL PRESSURE
For draft in furnaces, flues, gas works, ventilating systems, mine ventilation, 1/1000" Accuracy.

BAILEY WEIR METER
For feed water, hot well discharge, etc., at or near atmospheric pressure.

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BAILEY METER COMPANY, 141 Milk Street, BOSTON, MASS.

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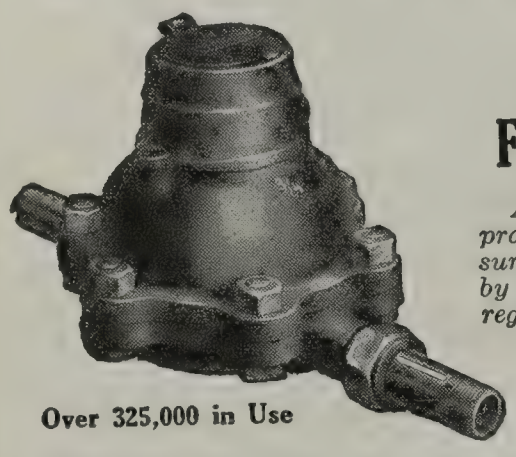

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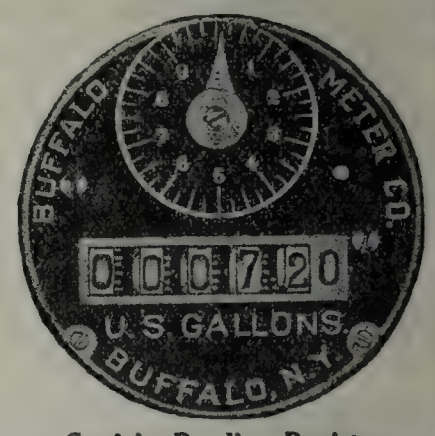


Straight Reading Register

9740— Meters (Water)

ALBERGER PUMP & CONDENSER CO. ("Hammond"), 140 Cedar, New York
Badger Meter Mfg. Co. (Disc.), 261 3d, Milwaukee, Wis.
BAILEY METER CO. ("Bailey"), 141 Milk, Boston, Mass.
See adv index at end of book
Booth L. M. Co. (Weir Type), 58 Hudson, Jersey City, N. J.
BUFFALO METER CO. ("Buffalo," "Niagara," "American"), 2921 Main, Buffalo, N. Y. *See adv index at end of book*
Builders Iron Foundry ("Venturi" for Hot & Cold Water, Brine, Chemical Solutions, Oil, Gas, Air & Steam), 9 Codding, Providence, R. I.
Gamon Meter Co. ("Watch Dog"), Newark, N. J.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hersey Mfg. Co. ("Detector," Disc, Rotary & Torrent), 314 W 2nd, South Boston, Mass.
Hydrometic Co., 953 N Main, Los Angeles, Cal.
National Meter Co. ("Empire Crown," "Nash Gem," "Premier"), 299 B'way, New York
Neptune Meter Co. ("Trident"), 50 E 42d, New York
PITTSBURGH METER CO. ("Eureka" & "Keystone"), E Pittsburgh, Pa
Phila. Meter Co., Real Estate Trust bldg, Phila., Pa.
SIMPLEX VALVE & METER CO. ("Simplex Venturi," "Pitot Tube," V Notch & Rectangular Weirs), 110 N Broad, Phila., Pa.
Standard Meter Co., Watervliet, N. Y.
Standard Meter Co., 206-208 B'way, New York
Thomson Meter Co. ("Lambert"), 110 Bridge, Brooklyn, N. Y.
Union Water Meter Co. ("King," "Union," "Columbia," "Nilo," "Nilo-Compound" "Union Compounding Valve"), Worcester, Mass.
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

9741— Meters (Water-Cart)

Neptune Meter Co. ("Trident-Crest"), 50 E 42d, New York

Meters (Water Flow)

See Recorders, Water Flow

9742— Meters (Watthour)

Duncan Elec. Mfg. Co. ("Duncan"), Lafayette, Ind.
GENERAL ELECTRIC CO. ("Thomson"), Schenectady, N. Y.
See adv index at end of book
Roller-Smith Co. ("Columbia"), 233 B'way, New York
Sangamon Electric Co. (Integrating, Direct & Alternating Current, also Ampere Hour Meters), Springfield, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO., (Prepayment Recording), E Pittsburgh, Pa. *See adv index at end of book*

9743— Metric Packing

General Chemical Co., 21 Burling slip, New York
Metric Packing Co., Buffalo, N. Y.

9744— Metronomes

Thomas Seth Clock Co., Thomaston, Conn.

9745—Mica (Ground & Pulp)

See also Mica, Manufactured

American Mica Co., 52 B'way, New York
Asheville Mica Co., Asheville, N. C.
Black Edw., Newdale, N. C.
Chicago Mica Co. (Ground), Valparaiso, Ind.
Dielectric Mfg. Co. (Compressed Sheet Mica), 224 Vanderbilt av, St. Louis, Mo.
English Mica Co., Insurance bldg, Williamsport, Pa.
Granite State Mica Co., 294 Wash., Boston, Mass.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Keene Mica Products Co., 34 W 33d, New York
Loos & Dilworth (Stained & Pulp), 134 S Front, Phila., Pa.
Macallen Co. (Compressed) (Macallen & Foundry), 16 Macallen, Boston, Mass.
McMeekan D. Mfg. Co. (Ground Mica & Mica Pulp), 1070 Pacific, Brooklyn, N. Y.
National Gum & Mica Co., 59th & 11th av, New York
New Engand Mica Co., Waltham, Mass.
New York Mica Products Co., 68 Murray, New York
New York Mica & Mfg. Co., 38 Market, Auburn, N. Y.
Preston Co., Robt. K., 53 W Jackson, Chicago, Ill.
Richmond Mica Co., Richmond, Va.
Southern Coupon Co., Birmingham, Ala.
Storrs Mica Co., Owego, N. Y.
Tar Steel Mica Co., Plumtree, N. C.
United States Mica Mfg. Co., 14 E Jackson blvd, Chicago, Ill.
Vance D. T. (Ground), Plumtree, N. C.
Whittaker Clark & Daniels Inc. (Jobbers), 250 Front, New York

Mica Insulators

See Insulators

9746— Mica (Manufactured)

See also Mica, Ground & Pulp

American Mica Co. (Stove & Electrical), Newton Lower Falls, Mass.
Asheville Mica Co. (Products), Asheville, N. C.
Binswanger H. P., 203 B'way, New York
Burleson J. E. Mica Co., Spruce Pine, N. C.
Carolina Mineral Co. (Raw, Stove & Cut & Punched Mica), Penland, N. C.
Chicago Mica Co. ("Micabond"), Valparaiso, Ind.
Keene Mica Products Co., 34 W 33d, New York
Meirowsky Bros. ("Micadamite"), Tempered Mica), Jersey City, N. J.
Mica Insulator Co. ("Micanite"), 68 Church, New York
Mica Mfg. Co. (India, Amber & Domestic), 454 18th, Bklyn, N. Y.
Mikesell Bros. Co., 176-178 N La Salle, Chicago, Ill.
Munsell Eugene & Co., 68 Church, New York
Muscovite Mica Co. of Alabama, Tupelo, Miss.
North Carolina Mica Co., 80 North, Boston, Mass.
Producers Mica Co., 225 E 22d, Chicago, Ill.
Richmond Mica Co., Richmond, Va.
Schoonmaker A. O. (Importer, India & Amber), 88 Park pl, New York
United States Mica Mfg. Co., 14 E Jackson blvd, Chicago, Ill.
Warner C. T., 906 S Bishop, Chicago, Ill.
Watson Bros., 170 Purchase, Boston, Mass.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9747— Mica (Raw)

Asheville Mica Co., Asheville, N. C.
Binswanger H. P. (Who. Dlr. & Sheet), 253 B'way, New York
Burleson J. E. Mica Co., Spruce Pine, N. C.
Doggett Stanley (Dealers & Imp.), 11 Cliff, New York
Fillion S. O. (Cut & Uncut), 68 Murray, New York
Keene Mica Prod. Co., 34 W 33rd, New York
Meirowsky Bros., Jersey City, N. J.
Munsell Eugene & Co., 68 Church, New York
Muscovite Mica Co. of Alabama, Tupelo, Miss.
North Carolina Mica Co., 80 North, Boston, Mass.
Richmond Mica Co., Richmond, Va.
Tar Heel Mica Co., Plumtree, N. C.
Vance D. T., Plumtree, N. C.
Watson Bros., 170 Purchase, Boston, Mass.

9748— *"Micarta"

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9749— Micrometers

See also Gauges, Micrometer

Brown & Sharpe Mfg. Co., Providence, R. I.
Davis Mfg. Co., Milwaukee, Wis.
Goodell-Pratt Co., Greenfield, Mass.
Reed Small Tool Works, Worcester, Mass.
Sawyer Tool Mfg. Co., Ashburnham, Mass.
Slocomb J. T. Co., 29 Oxford, Providence, R. I.
STARRETT L. S. CO. (THE) (Outside, Inside & Metric), Athol, Mass.
See adv index at end of book
Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.

Microphones

See Audiphones

9750— Microscopes

Bausch & Lomb Optical Co., Rochester, N. Y.
Eimer & Amend, 205 3d av, New York
Gaertner Wm. & Co., 5345 Lake Park av, Chicago, Ill.
Gundlach-Manhattan Optical Co., Rochester, N. Y.
Heil Henry Chemical Co., St. Louis, Mo.
Holtz, Herman A., 2 Madison av, New York. *See adv index at end of book*
Leitz Ernest (Metallurgical & Biological, Imp.), 30 E 18th, New York
Queen-Gray Co., 618 Chestnut, Phila., Pa.
Sargent E. H. & Co., 125 W Lake, Chicago, Ill.
Sauveur & Boylston ("Sauveur" Metallurgical), Cambridge, Mass.
Scientific Materials Co., 717 Forbes, Pittsburgh, Pa.
Spencer Lens Co., Buffalo, N. Y.
Sussfeld, Lorsch & Co. (Imp.), 90 Maiden Lane, New York
Thomas Arthur H. Co., W Washington sq, Phila., Pa.

9751— Microtomes

Bausch & Lomb Optical Co., Rochester, N. Y.
Leitz Ernest (Imp.), 30 E 18th, New York
Spencer Lens Co., Buffalo, N. Y.

9752— Military Brushes

The Arlington Works (E. I. du Pont de Nemours & Co.), 21 E 40th, New York

9753— Milk-Shakers*

Walker C. L. ("Quick & Easy"), 656 W 12th, Erie, Pa.

9754— *Mill Bearings

Bronzbraswyt Metal Co., First Natl. Bk. bldg., Pittsburgh, Pa.
DAMASCUS BRONZE CO. ("Damascus"), N. S. Pittsburgh, Pa.
See adv index at end of book

9754a— Mill Boards Mfrs.

Union Paper & Twine Co., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg., Buffalo, N. Y.
See adv index at end of book

Mill Stones

See Millstones

9755—Mill & Factory Supplies

Firms indicated by a Star (*) Manufacture Belting also
For Manufacturers of Mill & Factory Supplies, Consult Index of Contents for Specific Article Required

ALABAMA.

ANDALUSIA—Benson Hardware Co.
ANNISTON—Anniston Hardware Co.
BIRMINGHAM—Continental Gin Co.
Jefferson Plumbers & Mill Supply Co.
Lehman Chas. T.
McClary-Jemison Machinery Co.
Crane Co. (of Chicago, Ill.), Est. 1855.
Moore-Handley Hardware Co.
Yates J. A. Machine Co.
Young & Vann Supply Co. (Also Mine)
BREWTON—Luttrell Hardware Co.
BRIDGEPORT—De Loach Mill Mfg. Co.
DOTHAM—Dotham Foundry & Machine Co.
GADSDEN—Gadsden Hardware & Supply Co.
GREENVILLE—Henderson C. C. Machine Co.
Johnson Hardware & Implement Co.
MOBILE—Courtright & Whiting Supply Co.
Cunningham Hardware Co.
McGowin Lyons Hardware & Supply Co.
Reliance Equipment Co.
Standard Equipment Co.
Turner Supply Co.
MONTGOMERY—Alabama Machinery & Supply Co.
Barnett G. W., Hardware Co.
Janney & Co.
Lum Machinery & Supply Co.
Tullis-Gamble Hardware Co.
OPELIKA—Phillips-Yarbrough Hdwre. Co.
SELMA—Bloch Bros.
Tissler Hardware Co.
Union Iron Works Co.
TALLADEGA—Michael Supply & Roofing Co.
TUSCALOOSA—Allen & Jemison Co.

ALASKA.

CORDOVA—Harmon Machinery Co.
FAIRBANKS—Northern Commercial Co.
Peoples E. R. Inc.
JUNEAU—Young C. W. Co.
SEWARD—Brown & Hawkins
SKAGWAY—Nettles J. A.

ARIZONA.

NOGALES—Roy & Titcomb (Also Mine)
Mulrein J. H. Plumbing Supply Co.
Pratt-Gilbert Co.
PHOENIX—Arizona Iron Works
Arizona Mine Supply Co.
Thayer Ezra W. (Also Mine)
PRESCOTT—Hill Samuel Hardware Co. (Also Mine)
Talbot & Hubbard, Inc.
TUCSON—Steinfeld Albert & Co. (Mine)

ARKANSAS.

FORT SMITH—Atkinson-Williams Hardware Co.
Ketcham Iron Co.
Meister Bros. Bracht Co.
Speer Hardware Co.
HELENA—Tappan Hardware Co.
HOPE—Hope Hardware Co.
HOT SPRINGS—Hot Springs Plumbing & Machine Co.
LITTLE ROCK—Central Supply Co.
Cox Thomas & Sons Machinery Co.
Crane Co.
Fones Bros. Hardware Co.
Hollis & Co.
Rose-Lyon Hardware Co.
Rosenbaum C. E. Machinery Co.
Schaad Ben D. Machinery Co.
NEWPORT—Newport Foundry & Machine Co.
PINE BLUFF—Arkansas Mill Supply Co.
Dilley Foundry Co.
Fox Bros. Hardware Co.
Pine Bluff Iron Works

CALIFORNIA.

BAKERSFIELD—Fairbanks, Morse & Co.
Pioneer Mercantile Co.
FRESNO—Barrett-Hicks Co., Valley Foundry & Machine Works
COALINGA—Bowen S. R. Co. (& Oil Wells)
California National Supply Co.
Lucey Mfg. Corp. (Oil Wells Supplies)
GRASS VALLEY—Alpha Hdw. & Supply Co
Grass Valley Hardware Co. (Also Mine)
LOS ANGELES—American Well & Prospecting Co., 407 E 3rd
Angelus Rubber Co., 119 E 3rd
Boynton H. R. Co. (also Mine), 1002 Santa Fe av
***Busch A. H. Co., 150 N Los Angeles**
California Hardware Co., 500 E 1st
Crane Co., 321 E 3rd
Ducommun Hardware Co. (Also Mine), 219 S Central av
Eccles & Smith Co., 243 S Los Angeles
Fairbanks, Morse & Co., 427 E 3rd
Harper & Reynolds Co., 752 N Main
Harron Rickard & McCone, 225 S. San Pedro
Herron R. H. Co., 934 N Almeda
Leland Bros. Co., 304 E 3rd
Llewellyn Iron Works, 1100 N Main
Los Angeles Heavy Hardware Co., 218 N Los Angeles
Los Angeles Rubber Co., 124 E 3rd
McFie W. T. Supply Co., 213 N Los Angeles
Pacific Mill & Mine Supply Co. (Also Mine), 422 E 3rd
Pacific Pipe & Supply Co., 1002 Santa Fe
Smith-Booth-Usher Co. (Also Mine), 228 S Central av
Smith E. M. Co., 618 Clarence
U. S. Rubber Co. of Cal., 923 S Los Angeles
Union Hardware & Metal Co., 401 E 1st
Warren & Bailey Mfg. Co. (Belting, etc), 359 N Main
Whilting Mead Commercial Co., 415 E 19th
Wigmore John & Sons Co., N E Cor 4th & San Pedro
NEVADA CITY—Alpha Hdwe & Supply Co.
Nevada City Hardware Co.
OAKLAND—United Iron Works
Western Heavy Hardware & Iron Co.
REDDING—McCormick-Saeltzer Co.
SACRAMENTO—Crane Co.
Sacramento Pipe Works
Schaw-Batcher Co.
SAN DIEGO—San Diego Supply Co.
Western Metal Supply Co.
SAN FRANCISCO—Atkins E. C. & Co., 257 Mission
Baker, Hamilton & Pacific Co., 7th & Townsend
Baker & Hamilton, 4th & Brannan
Berger & Carter Co., 1045 17th
California Belting Co., 1459 Mission
California National Supply Co., Balboa bldg
California Card Mfg. Co., Poerero av & Mariposa
California Hydraulic Engineering & Supply Co., 70 Fremont
California Saw Works, 721 Brannan
Cameron Bros. & Co. (Also Mine), 268 Market
Carroll W. A. Co., 67 Main
Compressed Air & General Machinery Co., 39 Stevenson
*Cook H. H. Belting Co., 40 Howard
Continental Steel & Supply Co., 529 Howard
Crane Co. (of Chicago), Est. 1855, 2nd & Brannon
Crandley Rubber & Supply Co., 315 Market
*Degen L. P. Belting Co., 258 Mission
Dunham, Carrigan & Hayden Co. (Also Mine), Kansas & Division
Eccles & Smith Co., 77 1st
Ely Machinery Co., 35 Main
Fairbanks, Morse & Co., 651 Mission
Foard-Barstow Ship Chandlery Co., 25 Drumm
Garlock Packing Co., 670 Howard
General Machinery & Supply Co., 39 Stevenson
Great Western Machinery Co., 305 Howard
Golden State & Miners' Iron Works, 249 1st
Graton & Knight Mfg. Co., 247 Mission
Harron, Rickard & McCone, 139 Townsend
Hendy Joshua Iron Works, 75 Fremont
Horsford Bros. Co., 235 Mission
Lyon H. T., 24 California
Leland Equipment Co. (Also Mine), 126 Pine
Mangrum & Otter, Inc., 561 Mission
Marshall-Newell Supply, 142 Stuart
Martin J. C. & Co., Balboa bldg
Marwedel C. W., 76 1st
Pacific Mill & Mine Supply Co. (Also Mine), 616 Mission
Pacific Tool & Supply Co., 400 Mission
Pickthall Supply Co., 321 Fremont
Plant Rubber & Supply Co., 32 Beale
Republic Well Supply Co., 1st National Bank bldg
San Francisco Engineering Co., 322 6th
San Francisco Mill Furnishing Co., 521 7th
Simonds Mfg. Co., 12 Natoma
Sullivan Edward S. Co., Monadnock bldg
Stallman F. O. Supply Co., 129 1st
Taber-Bigelow Co., 504 Mission
Tay Geo. H. Co., 599 Mission
U. S. Rubber Co. of Cal., 50 Fremont
Wagner Jos. Mfg. Co., 165 Beale
Western Equipment Co., 72 Fremont
Wilson J. R., Inc., 133 Stewart
Woodin & Little, 33 Fremont
Young A. L. Machinery Co., 28 Fremont
SANTA MARIA—Fairbanks Morse & Co.
SAN PEDRO—Marine Hardware Co.
TAFT—Fairbanks Morse & Co.
Heron R. H. Co.
STOCKTON—Austin Bros.
Holt Mfg. Co.

COLORADO.

BLACK HAWK—Clark Hardware Co. (Also Mine)
BOULDER—Wilson Hardware Co.
CENTRAL CITY—Jenkins-McKay Hdwe Co.

COLORADO—continued
CRIPPLE CREEK—Cripple Creek Mine & Supply Co. (Also Mine)
DENVER—Advance Mach'y & Supply Co.
Bogue-Wensley Lead Co.
Card C. S. Iron Works Co.
Colorado Rubber Co.
Denver Engineering Works
Dillon Box Iron Works Co.
Dillon Hardware Co.
Fairbanks Morse & Co.
Foss M. L.
Garlock Packing Co.
Hamburger Geo. Tool & Supply Co.
Hendrie & Bolthoff Mfg. & Supply Co. (Also Mine)
McFarlane Mfg. Co.
Mine & Smelter Supply Co. (Also Mine)
Morse Bros., Machinery & Supply Co.
Mountain States Rubber Co.
National Rubber Supply Co.
O'Fallon M. J. Supply Co.
Stearns-Roger Mfg. Co.
Wilson Geo. Hardware & Supply Co.
OURAY—Ouray Hardware & Supply Co.
FLORENCE—Oil Wells Supply Co.
PUEBLO—Nelson N. O. Mfg. Co.
TRINIDAD—Branson & Griswold Hardware Co.
TELLURIDE—Tomkins-Cristy Hardware Co.

CONNECTICUT.

BRIDGEPORT—Alling Rubber Co.
American Hardware Stores Inc., Fairfield av & Widdle
Burroughs Baldwin Co., Inc., 383 Fairfield av
Chapman & Bangs Co.
Crane Co.
Gledhill & Co.
Hawley Hardware Co.
Hunter & Havens
Lucas J. L. & Son
*Palmer N. & Co.
Richardson J. H.
BRISTOL—Weldon S. A. & Son
DANBURY—Danbury Hardware Co.
Hull F. A. & Son
DANIELSON—General Supply Co.
Jacobs E. H. Mfg. Co. (Textile)
DERBY—Hallock F. Co.
HARTFORD—Alling Rubber Co.
Bidwell J. C. & Co.
Blodgett & Clapp Co., 1417 Main
Clapp & Treat, 68 State
Cone J. H. & W. E.
Eastern Plumbing Supply Co.
Ensworth L. L. & Son, 344 Front
Fairbanks Co.
Hartford Contractors' Supply Co.
Hartford Mill Supply Co.
Page Ralph E.
Plimpton & Hills Corporation
Purcell Cox Corp.
Purinton & Smith
Trant Thomas & Bros.
Tracy Robinson & Williams Co.
Woolley Hdwe Co., 44 Asylum
MERIDEN—Church & Morse
MIDDLETOWN—Noxon & Whitney Co.
NEW BRITAIN—Abbe Hardware Co.
Mills Herbert L.
Rapelye George
NEW HAVEN—Bushnell N. T. Co,
Coe & Brown
Dudley Co., (New & Second Hand Mach.)
Foskett & Bishop Co.
Guest & Co.
Mersick C. S. & Co.
Spencer F. E. Co.
NEW LONDON—Darrow & Comstock Co.
Eaton & Wilson Co.
Williams G M. Co.
NORTH WINDHAM—Harston L. M. Co.
NORWALK—Carroll L. W. & Son
Hubbell & Staples Hdwe. Co.
NORWICH—Eaton-Chase Co.
Norwich Belt Mfg. Co.
Norwich Plumbing Supply House
Preston Bros.
PUTNAM—Chandler & Morse
SEYMOUR—Church Stephen B.
Seymour Lumber & Hardware Co.
SHELTON—Clark D. N.
SOUTH MANCHESTER — Blish F. T. Hdw. Co.
STAMFORD—Cohn Wm.
Southwick Geo. W. Co.
Taylor Lincoln
Wilson James & Co.
THOMASTON—Welton H. A.
TORRINGTON—Morrison W. H.
WALLINGFORD — Dickerman Hdw. & Supply Co.
WATERBURY—Barlow Bros. Co.
Connecticut Oil Co.
Crane Co., 1221 1st N W
Daly M. J. & Sons
Hamilton Hardware Corp.
Hotchkiss Co.
Templeton Charles A., Inc.
WILLIMANTIC—Hurley-Grant Co.
WINSTED—Carroll Jos. L.
Merwin & Brown Co.

DELAWARE.

WILMINGTON—Atlantic Mfg. Co.
Capelle Hardware Co., 212 Market
Delaware Electric & Supply Co., 213 Shipley
Delaware Hardware Co., 2d & Shipley
Hudson Supply Co., Front & Market
Kent Lindley C. Co., Front & Monroe
*McComb Thomas, 209 Shipley
Peoples Alfred D., 507 Market
Speakman Supply & Pipe Co., 816 Tatnall
Wilson Hardware Co., 3d & Shipley

DISTRICT OF COLUMBIA.

WASHINGTON—Kendall J. B. Co., 485 Missouri av
Latterner Arthur, 602 Pennsylvania av N W
Mitchell John Jr. Co., 100 Pa. av N W
National Electrical Supply Co., 1330 New York av, N W
Phelps Bros. Co., 1320 14th N W
Schafer E. G. & Co., 218 13th N W
Somerville Thos Co., 316 13th N W
Washington Rubber Co., 1000 F N W

FLORIDA.

APALACHICOLA—Grady J. E. & Co.
GAINESVILLE—Baird Hardware Co.
JACKSONVILLE—Christopher John G. Co.
Florida Hardware Co.
Georgia Supply Co.
Hubbard S. B. Co.
Savannah Supply Co.
MULBERRY—Mine & Mill Supply Co.
OCALA—Marion Hardware Co. (also Mine)
Ocala Iron Works
PENSACOLA—Avery A. M. & Son
Gulf Machine Works
Ray W. A. Hardware Co.
ST. AUGUSTINE—Hamblen C. F.
TAMPA—Cameron & Barkley Co.
Coates Plumbing Supply Co.
Florida Auto & Gas Engine Co.
Knight & Wall Co.
Tampa Hardware Co.
Tampa Machinery Exchange

GEORGIA.

ALBANY—Albany Mill Supply Co.
AMERICUS—Harris J. W.
Sheffield Co.
ATLANTA—Alexander J. M. & Co.
Armstrong R. S. & Bro. (Beltings, etc)
Atkins E. C. & Co.
Avery & Co.
Bailey Burruss Mfg. Co.
Beck & Gregg Hdw. Co.
Cotton States Belting & Supply Co. (Railway, Mill & Mach'y Supplies)
Crane Company
Crumley-Sharp Hardware Co.
Fairbanks Morse & Co.
Fulton Supply Co.
General Fire Extinguisher Co.
General Supply Co.
Graton & Knight Mfg. Co.
Lowry Co.
Malsby Co.
Pasco Tool Co.
Pennsylvania Oil & Grease Co.
Phenix Supply Co.
Seeger-Walraven Co.
Southern Belting Co. (Cotton Mill Only)
Southern Iron & Equipment Co.
AUGUSTA—Beane Frank E.
Southern Rubber & Supply Co.
Southern Machinery Co.
Lombard Iron Works & Supply Co.
Tennent H. C. Supply Co.
BRUNSWICK—Downing Co. (Also Naval Stores)
United Supply Co.
Wright & Gowan Co.
CATERSVILLE—Lumpkin Hardware Co.
COLUMBUS—Beach Wm. Hardware Co.
Bush C. P. Hardware Co.
Columbus Iron Works
Georgia Iron Works
Golden Foundry & Machine Co.
Philips Hardware Co.
DALTON—Finley & Son
FITZGERALD—Watt & Holmes Hardware Co.
FORT VALLEY—Georgia Agr'l Works
GAINESVILLE—Gainesville Iron Works
MACON—Corbin Supply Co.
Schofield's J. S. Sons Co.
ROME—Battey Machinery Co. (Also Mine)
Rome Machine & Fdry. Co.
SAVANNAH—Georgia Supply Co.
Kehoe Iron Works
McKenna Jas. H.
Peeples Hardware Co.
Rourke Jno. & Sons
Savannah Supply Co. (Also Railroad)
Weed J. D. & Co.
TIFTON—Tift H. H.
TOCCOA—Matheson W. A.
VALDOSTA—Briggs W. H. Hardware Co.
WAYCROSS—Harley P. N. Hardware Co.

HAWAII.

HONOLULU—Catton, Neill & Co. (Ltd.)
Hall E. O. & Son (Ltd.)
Honolulu Iron Works Co.

IDAHO.

BOISE—Idaho Hardware & Plumbing Co. (Ltd.) (Also Mine)
Northrup Hardware Co., Ltd.
Sweet-Teller Hardware Co.
LEWISTON—Means Mark A. Co.
WALLACE—Coeur D'Alene Hdw. & Fdry Co. (Also Mine)

ILLINOIS.

AURORA—Divekey Bros. Mfg. Co.
BELLEVILLE—Hucke Hardware Co.
Karr Supply Co.
BELVIDERE—Fellows Azro
BLOOMINGTON—Keiser-Van Leer Co.
BUSHNELL—Bushnell Pump Co.
CAIRO—McCarthy & Malinski
Reed Hardware & Mfg. Co.
Woodward Hardware Co.
CHICAGO—Acme Asbestos Covering & Supply Co., 404 N Ada
See adv index at end of book
Adams Fred C. Co., 234 S La Salle
Adkins, Young & Allen Co., 561 Wash bl
Advance Packing & Supply Co., 1115 N Franklin
*Allen W. D. Mfg. Co., 566 W Lake
Atkins E. C. & Co., 64 E So Water
Barrett-Christie Co., 37 S Clinton
Besley Chas. H. & Co., 120 N Clinton
Brand S. H. Co., 559 W Lake
Caldwell H. W. & Son Co., 17th & Western av
Carpenter Geo. B. & Co., 440 N Wells
Channon H. Co., 150 N Market
*Chicago Belting Co., 125 N Green
Chicago Engineer Supply Co., 68 W Lake
Chicago House Wrecking Co., 35th & Iron
Chicago Pulley & Shafting Co., 40 S Clinton
*Chicago Rawhide Mfg. Co., 1301 Elston av
Clow Jas. B. & Sons, Franklin & Harrison
Collins Wm. P. & Co., 701 S Dearborn
Consolidated Railway & Mill Supply Co., 327 S La Salle
Cook & Chick Co., 18 E Kinzie
Crane Co. (Est. 1855), 836 S Michigan av
For branch offices see Alphabetical Section
Crerar, Adams & Co., 259 E Erie
Curtis & Co. Mfg. Co., 215 N Desplaines
Davies Supply Co., 412 W Ontario
Dodge Mfg. Co., 214 S Clinton
Ellis R. E. Engineering Co. (Tools), 621 Washington blvd
Factory Supply Co. (Also Mine), 40 E Kenzie
Fensholt & Fechner, 16 S Clinton
Garlock Packing Co., 326 W Madison
Gollner Phillip Co., W 33d & Archer av
*Graton & Knight Mfg. Co., 32 S Jefferson
Gump B. F. Co., 431 S Clinton
*Gutta-Percha & Rubber Mfg. Co., 301 W Randolph

*Hamilton Rubber Mfg. Co., 1229 S Michigan
Harris Samuel & Co., 114 N Clinton
*Henion & Hubbel, 219 N Jefferson
Hills-McCanna Co., 153 W Kinzie
Illinois Malleable Iron Co., 1801 Diversey blvd *See adv index at end of book*
*Jewell Belting Co., 167 W Lake
Kraft A. C., 323 W Lake
*Ladew Edw. (Est. of), 549 Washington blvd
Limbert Geo. B. & Co., 558 Fulton
*Lynch Edw. & Co., 31 S Clinton
McMaster-Carr Supply Co., 174 N Market
Machinists Supply Co., 19 N Jefferson
*Main Belting Co., 15 N Jefferson
Manning, Maxwell & Moore, 27 N Jefferson
Moloney Belting Co., 301 W Randolph
Monarch Mill & Supply Co., 53 W Jackson blvd
*New York Belting & Packing Co., 124 W Lake
Norman C. Erwin & Co., 18 W Kinzie
*Page Belting Co., 624 Wash'n blvd
Plamondon A. Mfg. Co., 12 N Clinton
Puster Belting & Pulley Co., 523 W Van Buren
Republic Mfg. Co., 14 N Peoria
*Revere Rubber Co., 158 W Lake
Rollins Supply Co. (Also Mine & Railroad), 17 W Kinzie
Salisbury W. H. & Co., 105 S Wabash av
*Schieren Chas. A. Co., 128 W Kinzie
Scott Valve Co., 310 W Randolph
Seehausen-Wehrs & Co., 173 N Franklin
Sprague Canning Machinery Co. (All Kinds for Canners, etc.), 222 N Wabash av
Steamfitters Supply Co., 10 W Illinois
Street R. R. & Co. (Textile), 549 Washington blvd
Trench Daniel G. & Co., 222 N Wabash av
Weir & Craig Mfg. Co., 2421 Wallace
Weller Mfg. Co., 1856 N Kostner av
Western Packing & Supply Co., 231 N 5th av
Whitaker Mfg. Co., 409 S Green
Williams I. B. & Sons, 14 N Franklin
Willis F. C., 565 Wash'n blvd
Winne Howard B., 714 W Jackson blvd
Woodcock Bros., 165 N Jefferson
Young H. P. (Mine), Great Northern bldg
CHICAGO HEIGHTS—Gordon Supply Co.
DANVILLE—Conron Thos. Hardware Co.
Holmes Robt. & Bros. (Also Mine)
Inland Supply Co. (Also Mine)
DECATUR—Aultman & Taylor Machinery Co
Field & Shorb Co.
Morehouse & Wells Co.
Union Iron Works (Belting, etc.)
FREEPORT—Dorman & Co.
JOLIET—Barrett Hardware Co.
KANKAKEE—Norris D. M. & Son
MOLINE—Barnard & Leas Mfg. Co.
Dunn Thos., & Sons
OTTAWA—Jordan R. C.
Refflor Hardware Co.
PEKIN—Velde, Roelfs & Co.
PEORIA—Bittel Wm
Couch & Heyle
Dooley Bros. (Jobbers; Mine), 604 S Adams
Hagerty Bros. Co. (Mine)
Kinsey & Mahler Co.
Meyer F. & Bro. Co.
Nailon Bros. Co.
PRINCETON—Priestley Hardware Co.
QUINCY—Best E. Plumbing, Heating & Supply Co.
Hollister-Whitney Co.
ROCKFORD—America Heating & Supply Co.
Rockford Brass Works
Savage & Love Co.
ROCK ISLAND—Channon & Dufva (Factory & Steamboat)
SPRINGFIELD—Hudson J. L. & Co.
Miller W. B. & Son
STREATOR—Williams Hardware Co.

INDIANA.

ANDERSON—Kaufman Hardware Co.
May Supply Co.
AUBURN—Auburn Hardware Co.
Culbertson Hardware Co.
BRAZIL—Industrial Supply Co. (Also Mine)
CARLISLE—Risinger Thos.
COLUMBUS—Schwartzkopf's J. G. Sons
CONNERSVILLE—Stant Geo. Machine Works
ELKHART—Borneman & Sons
EVANSVILLE—Clifford Hardware Co.
Evansville Leather & Belting Co.
Laib Co.
Orr Iron Co. (Also Mine)
FORT WAYNE—Fort Wayne Oil & Supply Co.
Gauntt F. G. Mfg. Co. (For Flour & Feed Mills)
National Mill Supply Co.
Pfeiffer Henry & Son Co.
Schlatter C. C. & Co.
GARY—Calumet Supply Co.
GOSHEN—Hawks Hardware Co.
GOSPORT—Burkete A. H.
GREENSBURG—Corbett & Rohe
Watson W. A.
INDIANAPOLIS—Atkins E. C. & Co., 402 10th S
Central Rubber & Supply Co., 120 S Meridian
*Hide, Leather & Belting Co., 227 S Meridian
Holliday W. J. & Co., 326 W Georgia
Indianapolis Belting & Supply Co., 32 S Capitol av
Kenney Machinery Co., 124 S Capitol av
Nordyke & Marmon Co., 1290 Kentucky av.
Taylor Belting Co., 247 S Meridian
Van Camp Hdw. & Iron Co., 401 N Maryland
Vonnegut Hdw. Co., 120 C Washington
KENDALLVILLE—Flint & Walling Mfg. Co.
KOKOMO—Kokomo Hardware Co.
Kokomo Supply Co.
LAFAYETTE—Biggs B. F. Pump Co.
Johnson Hardware Co.
Reule Fred'k
LOGANSPORT—Ullery S. W. & Son
MARION—Hogin, McKinney & Co.
Marion Hdw. Co.
Marion Machine, Foundry & Supply Co.
MISHAWAKA—Dodge Mfg. Co.
Dodge Sales & Engineering Co.
MUNCIE—Keiser Geo. & Co. (& Labor Saving Farm Machy)
Scott R. Hardware Co .
RICHMOND—Jones Hdw. Co.
SOUTH BEND—South Bend Supply Co.
TERRE HAUTE—Austin Hardware Co.
Crane Co.
Freitag, Weinhardt & Co.
Smith's C. C. Sons Co.
Watson C. D. Co. (Also Mine)
UNION CITY—Knapp Supply Co.
VINCENNES—Weed W. H.

IOWA.

BONAPARTE—Blackford W. S. & A. V.
BURLINGTON—Stewart & Hayden Co.
CEDAR RAPIDS—Cedar Rapids Pump Co.
Fawcett C. E.
Iowa Wind Mill & Pump Co.
Orr Bros. Supply Co.
DAVENPORT—Hanssen's Louis Sons
Sieg Co. (Belting & Power Transmitting, etc)
DECORAH—Johnson Peter & Sons
DES MOINES—Baker Machinery Co.
Beckman Bros.
Dempster Mfg. & Supply Co.
Globe Machy. & Supply Co.
Iowa Machy. & Supply Co.
McDonnell Boiler & Iron Works
DUBUQUE—Deckert W. D. Co.
Dubuque Rubber & Belting Co.
McDonald A. Y. Mfg. Co.
FORT DODGE—Leighton Supply Co.
GREELEY—Hilsenbeck H. C.
LE MARS—Pech Gustave Foundry & Mfg. Co.
NORTHWOOD—Tenold Bros.
SIOUX CITY—Crane Co.
McGraw Co.
Novelty Mfg. Co.
WATERLOO—Cutler Hardware Co.
Waterloo Mfg. Co. (Belting, Packing, etc.)

KANSAS.

ATCHISON—Thayer Supply Co.
ENTERPRISE—Barnard Machinery Co.
Ehrsam J. B. & Sons Mfg. Co.
ESKRIDGE—Trusler Wm.
FORT SCOTT—Penniman A. C. & Son, Hardware Co.
LOLA—Shannon T. B.
JUNCTION CITY—Muenzenmayer J. J. & W. F.
LEAVENWORTH—Great Western Mfg. Co.
TOPEKA—Thompson W. A. L. Hardware Co.
Western Foundry & Machine Works
WICHITA—Western Iron & Foundry Co.

KENTUCKY.

ASHLAND—Ashland Fdry & Machine Works
HENDERSON—Blackwell P. A. & Co.
HOPKINSVILLE—Metcalf J J.
LEXINGTON—American Metallic Packing Co.
Smith-Watkins-Darnaby Co.
LOUISVILLE—Ahrens & Ott Mfg. Co., 319 W Main
Belknap Hardware & Mfg. Co., 2nd & Washington
Cowan Andrew & Co., 421 W Main
Hite W. W. & Co., 523 W Main
Kentucky Saw Works, 1004 W Main
Laib Co., 1401 S 8th
Morton E. D. & Co., 516 W Main
Neill W. H. Co., 505 W Main
Pyne Co., 927 Rupp
Todd-Donigan Iron Co., 813 W Main
Vogel P. A. & Sons, 121 E Main
Waters-Garland Co. (also Textile), 419 W Main
MIDDLEBORO—Kentucky Mine Supply Co.
OWENSBORO—Guenther Hardware Co.
PADUCAH—Hank Bros.
Jackson Foundry & Machine Co.
Peter H. A. Supply Co.
PIKEVILLE—Call Bros. Hardware Co.

LOUISIANA.

ALEXANDRIA—Brown, Roberts Hardware & Supply Co. (Ltd.)
BATON ROUGE—Doherty Hardware Co. Ltd.
Fuqua Hardware Co.
DONALDSONVILLE—Lemann B. & Bro.
HAMMOND—Hammond Hardware & Supply Co. (Ltd.)
LAFAYETTE—Lacoste Hardware Co., Ltd.
MONROE—Southern Hardware Co. (Ltd.)
Weaks Supply Co.
NEW ORLEANS—Ahrens & Otto Mfg. Co. 846 Baronne
Atkins E. C. & Co., 239 Canal
Baldwin A. & Co., Ltd., Camp & Common
Dibert, Bancroft & Ross Co., Ltd., Tulane & Hagan av
Gibbens-Finney-Gordon Co., 213 Canal
Haubtman & Loeb Co. (Ltd.), 717 Magazine
Kittredge-Waters Supply Co., Ltd., 422 Common
Lockett A. M. & Co., Ltd., 533 Baronne
Menge Marine Hardware & Supply Co., 338 Camp
Murphy Jno. H., 643 Magazine
Patterson C. T. Co. (Ltd.), 801 Tchoupitoulas
Payne & Joubert Machine & Foundry Co., Howard & Euphrosine
Reliance Machinery & Supply Co., 217 S Peters
*Revere Rubber Co., 700 Baronne
Simonds Mfg. Co. (Ltd.), 420 Canal
Southern Belting Co. of New Orleans, La., 602 S Peters
Stauffer, Eshleman & Co., Ltd., 511 Canal
Van Horn Oliver H., 518 Camp
Weil-Gutmann Supply Co., 214 S Peters
Whitney Supply Co., 418 S Peters
Woodward, Wight & Co., Ltd., Howard av & Constance
SHREVEPORT—Gulf States Belting & Hose Co.
Henderson W. K. Iron Works, & Supply Co.
Lee Hardware Co. (Ltd.)
THIBODAUX—Planters' Hardware & Mill Supply Co., Ltd.

MAINE.

AUBURN—Elms James
AUGUSTA—Brooks Hardware Co.
Fifield Bros. Co.
BANGOR—Schwartz's M. Sons
Snow & Nealley Co.
Taylor Abner
Union Iron Works

MAINE—continued
BATH—Johnson Bros. Co.
DEXTER—Fay & Scott
ELLSWORTH—Westcott H. F.
GARDINER—Scribner Harvey (Est. of)
HOULTON—Watson John & Co.
LEWISTON—Carman-Thompson Co.
Hall & Knight Hdw. Co.
Smith John B. & Co.
Stetson J. H. Co.
Whitney Geo. A. Co.
MECHANIC FALLS—Penney J. W. & Sons Co.
PORTLAND—Adde & Co.
Blake W. L. & Co.
Corey E. & Co.
Edwards & Walker Co.
Emery-Waterhouse Co.
King & Dexter Co.
Portland Co.
Portland Rubber Co.
Smith & Abbott Co.
Talbot, Brooks & Ayre
ROCKLAND—Crie H. H. & Co.
SACO—*Beatty Janson W. & Co.
S. BERWICK—General Supply Co.
WATERVILLE—Claflin Machine Co.

MARYLAND.

BALTIMORE—Adt. Jno. B. Co., 326 N Holliday
Aumen Machinery Co., 109 E Lombard
Bolton Bros., 416 E Pratt
Carey Machinery & Supply Co., 119 E Lombard
Codd Tank & Specialty Co., 406 W Camden
Coggins & Owens, 19 S Charles
Crook-Horner Supply Co., 7 Balderson
Cuyler & Mohler, 611 William
Dominion Asbestos & Rubber Corp., 418 E Pratt
See adv index at end of book
*Druid Oak Belting Co., 111 E. Lombard
Fairbanks Co., Lombard & Light (See New York City)
Harvey Company, 113 South
Jewel Supply & Equipment Co., 34 So. Calvert
Kessel Henry A. Co., 121 S Gay
Kries Henry A. & Sons Co., 8 W Lombard
*Maryland Belting & Packing Co., 1626 Bank
Meyer Henry H. Co., 110 S Howard
See adv index at end of book
Schuchts D. B., 215 President
Spedden Supply Co. (Marine Also), Boston & Kenwood av,
Stebbins Wallace & Sons, 100 S Charles
Struven Chas. M. & Co., 114 S Frederick
Wallace & Gale (Oils, Coverings, Compounds, etc), 115 S Gay
Zies Chas. & Sons, 320 S Fremont av
CUMBERLAND—Humbird Supply Co. (Mine)
McKaig Merwin (Also Mine)
Wilson & Pugh (Also Mine)
FREDERICK—Gomber John
HAGERSTOWN—Foltz Mfg. & Supply Co.
SALISBURY—Dorman & Smyth Hardware Co.
Grier Robt. D.
Gunby L. W. Co.

MASSACHUSETTS.

ADAMS—Weston L. A.
AMESBURY—Fowler F. S.
ANDOVER—Morse Walter I.
ATHOL—Paige C. F. & Co.
AYER—Proctor E. O. Co.
BOSTON—American Shuttle Co., Exchange bldg
Anderson Geo. P. & Co., 65 Oliver
Armstrong G. R., Mfrs. Supplies, Inc., 252 Franklin
Barnes Henry K. Co., 234 Devonshire
*Bay State Belting Co., 605 Atlantic av
Bigelow & Dowse Co., 229 Franklin
Blackburn S. P. & Co., 287 Atlantic av
Boston Belting Co., 84 Linden Park
Boston Engineers' Supply Co., 159 Pearl
Boston Steam Specialty Co., 332 A
Braman, Dow Co., 239 Causeway
Brigham Arthur A., Old South bldg
Buerkel & Co., 24 Union Park
Byers & Smith, 105 Haverhill
Chandler & Farquhar Co., 36 Federal
Chase Chas. F., 170 Summer
Chase, Parker & Co., 81 Pearl
Chesterton A. W. Co., 64 India
Cutter & Wood Supply Co., 68 Pearl
Davis S. H. Co., 68 Portland
Dodge, Haley Co., 218 High
Dow L. B., 136 Federal
Eagle Oil & Supply Co., 45 India
English C. R. Co., 167 Oliver
Evans Mill Supply Co., 212 Summer
Factory & Mill Supply Co., 137 Oliver
Federal Metallic Packing Co., 48 Hanover
Field Wm. H. Co., 35 Washington, N.
Fitts Frank E. Mfg. & Supply Co., 88 Purchase
Gallison Wm. H. Co., 399 Atlantic av
Garlock Packing Co., 88 Broad
Gilchrist Geo. E. Co., 106 High
Globe Leather Belting Co., 519 Atlantic av
Graton & Knight Mfg. Co., 33 Lincoln
Hamblet & Hayes Co., 284 Devonshire
Harrington King & Co., 79 Commercial
Hinds & Coon, 126 Pearl
Hubbard W. B. & Sons Co., 176 Oliver
Hunt Henry C. Co., 135 Oliver
Ireson Chas. L., 221 High
Jager Chas. J. Co., 15 Custom House
Johnson-Washburn Co., 91 Haverhill
Kessel Henry A. Co., 33 India
Knowlton Geo. W. Rubber Co., 60 Pearl
***Ladew Edw. R. Co. (Estate of), 200 Summer**
Livermore Homer F., Inc., 85 Pearl
Lumsden & Van Stone Co., 69 High
Lunt Moss Co., 43 S Market
McLean-Jones Oil & Supply Co., 40 India Wharf
Manning, Maxwell & Moore, 141 Milk
Morton A. M. & Co., 25 Washington
Murphy, Leavens & Co., 168 Commercial
Nightingale & Childs Co., 205 Congress
***Page Belting Co., 60 Pearl**
Patterson Lubricating Co., 114 Broad
Practor S. Eugene Co., 158 State.
Pratt R. W. & Son, 111 Haverhill
Rawles James D. Co., 74 Pearl
Rhode Island Supply & Sprinkler Co., 141 Milk
Shackley W. T. & Son Co., 49 High
Sherburne & Co., 53 Oliver
Sherman G. N. B. & Son, Newton Hlds
Sherman G. B. & Co., 170 Summer
Speed & Stephenson (Textile), 170 Summer
Speare's Alden Sons Co., 156 Sixth
Sumner & Gerald, 287 Congress
Tracy Lewis E. Co., 127 Broad
Walworth Mfg. Co., 798 First
Watkins Engineering Supply Co., 137 High
Wilkinson A. J. & Co., 184 Washington
BROCKTON—Noyes C. A. Co.
CLINTON—Pratt E. O.
EAST CAMBRIDGE—Holt Shattuck Co., 29 Otis
EASTHAMPTON—Manchester Geo L. Co.
Ryan James P.
FALL RIVER—American Supply Co.
Borden, Jefferson & Son
Borden & Remington Co.
Chace Leonard S.
Covel & Osborn Co.
Davis N. Frank
Fall River Rubber Co.
Fyans, Fraser & Blackway Co.
Luther Reed Mfg. Co.
Murray Jas. A. (Equipment)
Slack James N.
Sterling Ring Traveler Co.
Toohey M. J. & Co.
Union Belt Co.
Waterman Supply Co.
Wetherell O. B. & Son Co.
FITCHBURG—Fitchburg Hardware Co.
Parks G. M. Co.
FRANKLIN—Hosie Horace W.
Milliken L. W. & Son
GARDNER—Davis Hardware Co.
GLOUCESTER—Andrews L. E. & Co.
Stoddart A. P. & Co.
GREENFIELD—Allen's S. Sons
Stearns Joel M.
HAVERHILL—Busfield Machine Co.
HOLYOKE—Chase & Cooledge Co.
Holyoke Valve & Hydrant Co.
Pearson W. A.
Russell G. E. & Co.
Russell J. & Co.
Wells E. D. & Co.
LAWRENCE—Austin M. E. & Co.
Barlow John W. Co.
Blandin Co.
Hall Paint & Hardware Co.
Robinson Hardware Co.
Smart George B. & Co.
Stanchfield H. J. & Co.
Treat Hdw. & Supply Co.
LEICESTER—Watson L. S. Mfg. Co.
LEOMINSTER—Gavin Hardware Co.
Leominster Hardware Co.
LOWELL—Adams Hardware & Paint Co.
Bartlett W. T. S.
Bartlett & Dow Co.
Cady George L. & Sons
Coburn C. B. Co.
Hobson & Lawler Co.
Hutchins Geo. E.
Knowles Scale & Supply Co.
Middlesex Machine Co.
Thompson Hardware Co.
Turner J. S. Mfg. Co.
*Whiting Henry F.
LYNN—Harding J. W. & Co.
Howe Oliver B.
Trefethen F. L.
MANSFIELD—Fuller W. C. Co.
MATTAPOISETT—Dexter A. M. (Est. of)
MIDDLEBORO—Doane G. E.
MILFORD—Ellis, Clark & Sons
Staples & Gould
MILLBURY—Williams J. H. Co.
NEW BEDFORD—Babbitt Steam Specialty Co.
Dunham Crawford L.
Hillman F. G.
Knowles Wm. H. & Co.
Lowe S. C. Supply Co.
Manufacturers' Supply Co.
New Bedford Mill Supply Co.
New Bedford Rubber Co.
Rankin & Arnold
Slocum & Kilburn (and Electrical Supplies), 23 No. Water
NEWBURYPORT—Russell, Albert & Sons Co.
NORTH ADAMS—Burlingame & Darbys Co.
NORTH CHELMSFORD—*North Chelmsford Machine & Supply Co.
ORANGE—Chase Turbine Mfg. Co.
Orange Hardware Co.
PALMER—Buck E .A. & Co.
Whitcomb & Faulkner
PEABODY—Hamblet & Hayes Co.
Whidden A. H. & Son
PITTSFIELD—Barris-Kenyon Co.
Berkshire Mill Supply Co.
ROCKLAND—Hall & Torrey
SALEM—Goodell Zina
SOMERVILLE—Birch Bros. (Textile)
SOUTH ATTLEBORO—Hopkins Harold V.
SOUTHBRIDGE—Winter G. C.
SPRINGFIELD—Carlisle Hardware Co., 326 Main
Chapman & Brooks Co.
Dexter & Bowles (Paper Makers')
Foot Homer & Co.
Foss W. J. Co.
Law J. Douglas Co.
Morris T. J.
Oliver & Howland Co.
Russell Jno. W. & Sons Co.
Springfield Belting & Supply Co.
Stacy E. S. Machine Co.
Wyckoff & Lloyd Co., 19-27 Worthington
TAUNTON—Park W. R. & Son
Pierce Hardware Co.
Presbrey-Field Co.
TURNERS FALLS—Webster F. I.
WALPOLE—Rooney Jno. B.
WALTHAM—Taylor & Percival
WARE—Sibley J. B. & Son
WESTFIELD—Bryan Hardware Co.
Mill Specialties Co.
WORCESTER—Brierly-Lombard Co., 668 Main
Buck E. A. & Co.
Burlingame A. Co.
Duncan & Goodell Co.
***Hudson Belting Co., 3 Eaton pl**
Marble J. Russell & Co.
Mason Brush Works
Morgan Spring Co. (Textile)
See adv index at end of book
***Warren J. F. & W. H. Co.**
Willard W. H. & Co.
Worcester Rubber Co.

MICHIGAN.

ALPENA—Kline Lewis T.
BATTLE CREEK—Brockett L. B. & Son
Galloup J. O.

BAY CITY—Alert Pipe & Supply Co. (Also Mine)
Jennison Hardware Co. (Also Vessels)
BIG RAPIDS—Binney Machine Works
Judson C. P. & Co.
CADILLAC—Drury & Kelley Hardware Co.
CALUMET—Carlton Hdw. Co. (Also Mining)
CHEBOYGAN—Post J. J. Hdw. Co. (Ltd.)
DETROIT—Anderson-Kenneth Co. (Packing, etc), 33 Atwater
Boyer-Campbell Co., Congress & Brush
Buhl Sons Co., 103-119 Woodbridge W
Central Distributing Co., 316 Harper
Conklin S. P. (Pipe Coverings, etc), 68 Jefferson av
Detroit Mill Supply Co., 64 High
*Detroit Oak Belting Co., 266 Wight
Edwards H. D. & Co., 16 Woodward av
Harvey's A. Sons Mfg. Co., 1st & Woodbridge
Humphreys E. C. Co., 445 Howard
Kerr Mach'y & Supply Co., Fort & Beaubien
Sales Murray W. & Co., 76 Jefferson av
Strelinger Chas. A. Co., 98 Bates
Taylor Supply Co., 164 Larned
Walker Mfg. & Supply Co., Shelby & Woodbridge
Wing J. T. & Co., 19 Woodward av
DOWAGIAC—Bishop Hardware Co.
Onen Hardware Co.
ESCANABA—Delta Hardware Co.
FLINT—Hubbard Geo. W. Hardware Co.
Sterner Edwin Co.
GRAND RAPIDS—Barclay, Ayers & Bertsch Co.
Braudy M. & Sons
Grand Rapids Salvage Co.
Hayden J. M. Co.
Raniville F. Co.
HOUGHTON—Portage Lake Hdw. Co., (Ltd.) (Also Mine)
Swift I. E. Co. (Principally Mining)
IRON MOUNTAIN—Rundle A. J. (Also Mining)
IRONWOOD—Lesselyong Hardware Co. (Also Mine)
ISHPEMING—Eggan Fred. J.
JACKSON—Central Distributing Co.
Smith-Winchester Co.
KALAMAZOO—Bard Chas. G.
Bond Supply Co.
Edwards & Chamberlain Hardware Co.
Wheeler-Blaney Co.
LANSING—Michigan Supply Co.
MARQUETTE—Manhard M. R. & Son
MENOMINEE—Northern Hardware & Supply Co.
MUSKEGON—Howden J. J. Co.
Towner Hardware Co.
PAW PAW—Waters H. C. & Co.
PORT HURON—Port Huron Engine & Thresher Co.
SAGINAW—Alert Pipe & Supply Co. (Also Mine)
Michigan Saw Co.
Morley Bros.
Saginaw Hardware Co.
Saginaw Mfg. Co. (Pulleys)
Sullivan Supply Co.
Wickes Bros. *See adv index at end of book*
ST. IGNACE—Kynoch Chas. & Co.
SAULT SAINTE MARIE—Soo Hardware Co.
SHELBY—Rankin A. J.
TECUMSEH—Satterthwaite Bros.
Whitenack D. L. & Co.
TRAVERSE CITY—Traverse City Iron Works

MINNESOTA.

CLOQUET—Fish Hardware Co.
DULUTH—Duluth Iron & Metal Co.
Kelley-How-Thomson Co.
Marshall-Wells Hardware Co. (Also Mine & Lumbermen's Supplies)
Northern Hardware Co.
MINNEAPOLIS—Atkins E. C. & Co., 122 Washington av N
Central Supply Co., 312 S Third
Engineering & Steam Supplies Co., 1029 S 3rd
Gilmore D. M. Co., 515 S 3d
Harris Machinery Co., Washington & University, S E
Howell R. R. & Co., 31st av
Janney, Semple, Hill & Co., 1st av S & 2nd
Kelly H. & Co., 1029 S 3d
Link Belt Supply Co. (Mill & Grain Elevator), 410 S 3d
Manufacturers' Supply Co., 2323 University av S E
Morison W. K. & Co., 15 S 7th
National Mfg. & Supply Co., 256 3d av S
Northern Machinery Co., 503 S 6th
*Nott W. S. Co., 2nd av N & 3rd
Plant Rubber Co., 322 1st av N
Sanford Chas. E. & Co. (Also Mine), 202 Wash'n av N
Satterlee F. E. Co., 120 Wash'n N
*Sikes S. R. Co., 1030 S 3rd
Strong-Scott Mfg. Co., 413 S 3rd
Willford Mfg. Co., 303 S 3d
ST. PAUL—Crane & Ordway Co., 5th & Rosabel
*Goodyear Rubber Co., 375 Sibley
Western Supply Co., Park Square
WINONA—Cone R. D. Co.

MISSISSIPPI.

CLARKSDALE—Clark Walter
Clarksdale Machinery Supply Mfg. Co.
Sommerse Hardware Co.
COLUMBUS—Jacobs F. M.
CORINTH—Adams W. T. Machine Co.
JACKSON—McCleland T. Hardware Co.
Mississippi Fdry. & Machine Co.
MERIDIAN—Hyde Chas. J.
Williams Cliff Machine Co.
NATCHEZ—Baker & McDowell Hdw. Co.
Feltus Bros.
Schwartz & Stewart
VICKSBURG—Hoffman Louis Hdw. Co.
Richardson-Lee & Co.
Robinson B. J.
Wright Bros. Hardware Co.
YAZOO CITY—Crane-Hamel Hdw. Co.

MISSOURI.

JOPLIN—Joplin Supply Co.
McNeal Machinery Co.
United Iron Works Co. (Also Mine)
KANSAS CITY—Bonniwell-Calvin Iron Co.
Brunner H. J. Hardware & Machine Supply Co., 1306 Grand
Bunting Hardware Co., 810 Walnut
Byrnes Belting Co., 1406 W 12th
English Tool & Supply Co., 408 W 5th
Equipment Co. (R. R., etc), 1522 Grand av
*Goodyear Rubber Co., 80 Baltimore av
Great Western Mfg. Co., 1221 Union av
Gustin-Bacon Mfg. Co., 1416 W 12th
Harbison Mfg. Co., 1219 W 10th
Kansas City Pump Co., 1314 W 10th
Richards & Conover Hardware Co., 5th c Wyandotte
U. S. Water & Steam Supply Co., 1315 W 12th
United Iron Works Co. (Mine)
Williams H. R. Mill Supply Co., 103 Mass bldg
Young W. B. Supply Co., 208 Delaware av
MOBERLY—Faessler J. Mfg. Co.
ST. JOSEPH—Bristol Co.
Horigan Supply Co.
Howe W. B. Supply Co.
ST. LOUIS—Barry-Wehmiller Machy. Co., 6501 Florissant
Beck & Corbitt Iron Co. (Mine & Shop), 1230 Main
Broderick & Bascom Rope Co. (Mine), 805 N Main
Brown-McDonald Machinery Co., 9th & N Market
Byrnes Belting Co., 2109 Locust
*Capen Belting & Rubber Co., Main & Chestnut
Cornelius Mill Furnishing Co., 119 W 6th
Crane Co. (of Chicago), Est. 1855, 16th & Walnut
Crescent Oil & Supply Co., 303 Main
Crockwell Mine & Mill Supply Co., New Bk. Com. bldg
Day Rubber Co., 415 N 4th
Dodge Sales & Engineering Co., 408 N 4th
Donovan Iron & Supply Co., 812 N Main
Essmueller Mill Furnishing Co., 1222 S 8th
Fisher & Davis Mfg. Co., 934 N 1st
Geller, Ward & Hasner Hardware Co., 414 N 4th
Graton & Knight Mfg. Co., 711 N 8th
Hall & Brown Woodworking Machine Co, 1913 N. B'way
Handlan-Buck Mfg. Co., 210-14 N 3d
Hirsch Cal. & Sons Iron & Rail Co., 300 S Broadway
Johnson Wm. C. Sons Mach. Co.
Leschen A. & Sons Rope Co. (Belting, Packing, etc), 920 N Main
Manning, Maxwell & Moore, R'way Exch. bldg
Matthews Geo. T. & Co., 20 S Main
Nelson N. O. Mfg. Co., 10th & Chestnut
*New York Belting & Packing Co., 218 Chestnut
Rubelmann Lucas Hdw. Co., 1939 N. B'way
Rumsey L. M. Mfg. Co., 810 N 2nd
St. Louis Belting & Supply Co., 509 So 4th
St. Louis Machinists' Supply Co., 920 N. B'way
Shapleigh Hardware Co. (Also Miners'), 4th & Washington av
Simmons Hardware Co., 9th & Spruce
Southern Railway Supply & Equipment Co., 113 N 2nd
Streett J. D. & Co. (Also Mine), 809 N. 2nd
Teuscher & Son Machinery Supply Co., 527 N 2nd
Zelnicker Walter A., Supply Co., 325 Locust
SPRINGFIELD—McGregor-Noe Hardware Co.
WEBB CITY—Joplin Supply Co. (Mine)

MONTANA.

ANACONDA—Anaconda Copper Mining Co.
BUTTE—Anaconda Copper Mining Co.
Montana Hardware Co.
HELENA—Holter A. M. Hardware Co.
KALISPELL—Kalispell Mercantile Co.
MISSOULA—Missoula Mercantile Co.

NEBRASKA.

BEATRICE—Dempster Mill Mfg. Co.
LINCOLN—Western Supply Co.
OMAHA—McGraw Co.
Sunderland Machinery & Supply Co.
U. S. Supply Co.
YORK—York Fdry. & Engineering Works

NEW HAMPSHIRE.

BERLIN—Berlin Mills Co.
Parent Arthur E.
CLAREMONT—Rand, Ball & King Co.
CONCORD—Concord Pipe Co.
Thompson & Hoague Co.
EXETER—Lane G. W. & C. A.
KEENE—Spencer Hardware Co.
LACONIA—Huse W. D. & Sons
Quinby A. T. & Son
LANCASTER—Thompson Mfg. Co.
MANCHESTER—Cornish E. P.
Manchester Hardware Co.
Manchester Supply Co.
Varick Jno. B. Co.
MILFORD—French W. F.
Peirce W. E. & Co.
NASHUA—Grover File Co.
PETERBORO—Walbridge & Taylor
PORTSMOUTH—Chadwick & Trefethen
SOMERSWORTH—Sweetser-Sanborn Co.
WHITEFIELD—Stoughton Hardware Co.

NEW JERSEY.

ATLANTIC CITY—Allen E. Philip & Co.
Currie Co.
BAYONNE—Bayonne Supply Co.
Meyer & Ruh Co.
ELIZABETH—Elizabeth Hardware Co.
GUTTENBURG—Herrmann F. W. Co.
JERSEY CITY— Gibbons Ernest A. Co., 27 Montgomery
Jersey City Supply Co., 12 Mercer
Johnson H. Co., ft Gates av
Perkins Arthur L. Co., 144 12th
Sands Jos. S., 491 W Side av
MADISON—Force Chas. C. & Son
NEWARK—Banister & Pollard, 206 Market
Coe Jas. A. & Co., 106 Mulberry
Crabb Wm. & Co., 3d av, cor 4th
Crane Co., 48 Mechanic
*De Forge L. M., 83 Hixon pl
Essex Supply Co., 54 Polk
Johnson-Mandeville Co., 496 Broad
Jones & Auerbacher, 26 Mechanic
Ludlow & Squier, 97 Market
Macknet & Doremus, 796 Broad
*Meier's Jos. Sons, 306 Market
Mutual Supply Co., 87 Penna av
Rising & Thorne, 475 Broad

NEW JERSEY—Newark—continued
Roe Wm. S., 17 Mechanic
ROE & CONOVER, 206 Frelinghuysen av *See adv index at end of book*
Walker Chas. W. Sons & Co., 274 Market
NEW BRUNSWICK—Weigel Philip, Jr.
ORANGE—Lindsley Jno. H.
PASSAIC—Mills H. W. & Co.
New Jersey Engineering & Supply Co.
PATERSON—Ash Henry M.
Cleaver & Leather
Cleveland J. W. Hardware Co.
Cox Jas. T.
Cronin Jno. P.
Doremus John T. Co.
Frost Geo. T. & Sons
Hall I. A. & Co. (Textile)
Hindley Edwin B. & Co.
Low F. Eliot & Co.
Mills H. W. & Co.
Myers Geo. A. & Co.
National Mill Supply Co.
Paterson Reed & Harness Co. (Textile)
Paterson Supply Co. (Textile)
Quackenbush & Son
Quinn Bros.
Rigby H.
Smith Abe
Ulrich Co.
Van Riper Mfg. Co. (Textile)
Van Winkle J. A. Co.
Walder Jacob (Textile)
PERTH AMBOY—Elizabeth Hardware Co.
McCormick W. H. & Son
TRENTON—Crook A. M. & Son
Katzenbach F. S. & Co.
Lanning G. W.
Manufacturers Selling Co.
Standard Supply & Equipment Co., 143 N Warren
Warren, Balderston & Co.
WEEHAWKEN—Berger Edw. W. & Bro.

NEW MEXICO.

ALBUQUERQUE—Whitney Hardware Co. (Also Mine)

NEW YORK.

ALBANY—*Albany Belting & Supply Co.
Fairbanks Co., 364 Broadway
Stoneman M. G. & Son
Strong Homer
Wing Robert B. & Son, 385 B'way
AMSTERDAM—Gardiner E. W. (Textile)
AUBURN—Herron P. M. Hardware Co., 34 Genesee
Smith & Pearson
BATAVIA—Russell & Palmer
BATH—Gould & Nowlen
BINGHAMTON—Babcock, Hinds & Underwood
Gaylord & Eltapenc Co.
Morse E. W. Co.
BROOKLYN—(See N. Y. City, Borough of Brooklyn)
BUFFALO—Beals, McCarthy & Rogers, 44 Terrace
*Bickford & Francis Belting Co., 35 Pearl
Buffalo Belting Works, 18 Ellicott
Buffalo Mill Supply Co., 210 Main
Buffalo Wholesale Hdw. Co., 317 Washington
Bushnell Clarence E.
Case W. A. & Sons Mfg. Co.
Fairbanks Co., 108 Pearl
*Goodyear Tire & Rubber Co., 1013 Main
Hendee-Connor Co., 60 Pearl
Hoffeld R. & Co., 61 Carroll
Kemp Rubber Co., 246 Washington
McCutcheon C. H., 27 Washington
Mahoney Daniel & Sons, 17 Main
Peerless Belting Co., Indian Church rd
Peerless Mill Supply Co., 90 Pearl
Root Neal & Co., 178 Main
Ruckel J. H. & Son, 81 Main
Schaefer & Co., 146 Clinton
Strong Homer, Ellicott sq
Walbridge & Co., 392 Main
Weed & Co., 416 Main
Whittet, Barrett & Co., 59 Main
Wright A. B. & Co., 230 Washington
CATTARAUGUS—Oakes & Burger Co.
COHOES—Kavanaugh Geo. W.
Laughlin Edwin B.
Laughlin John
Sweet & Doyle
CORTLAND—Gallup Hardware Co.
ELMIRA—Elmira Storage & Supply Co.
Horton Machine Works
GENEVA—Emig & Hatmaker
GLENS FALLS—Kalbfleisch Theo. F.
GLOVERSVILLE—Batcheller E. S. & Co.
Sowle J. E.
GOUVERNEUR—Loveland M. E.
GREENE—Lyon Iron Works
HAVERSTRAW—Lane Chas. R.
Rose & Johnson
HUDSON—Jones & Hardy
Parker Byron
ILION—Newth N. J. Hardware Co.
ITHACA—Treman-King & Co.
JAMESTOWN—Clark Hdw. Co.
Lundquist C. A. & Co.
Underwood F. J.
JOHNSTOWN—McGuire & Tymeson Co.
KINGSTON—Canfield Supply Co.
Johnson J. T.
LITTLE FALLS—Burney Bros.
Burrell D. H. & Co. (For Creamery & Cheese Factories, etc)
Taylor Jno. R. & Co.
LOCKPORT—Trevor Mfg. Co.
LONG ISLAND CITY—(See N. Y. City, Borough of Queens)
MALONE—Perkins H. F.
MECHANICSVILLE—Safford Henry D
NEWBURGH—Holland Hardware Co.
Smith W. L.
NEW ROCHELLE—Dimock & Fink Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Brown Jas. H., 139 3d av
Jacobs Geo. P. & Co., 276 S 9th
Johnson J. D. Co., 51 Boerum pl
Kasper & Koetzle, 565 Bushwick
Kiley Thos. W. & Co., 57 Grand
McElraevy & Hauck Co., 440 B'way
Morse Roy B., 3rd av & 35th
Smyth-Donegan Co., 247 St. Marks av
Universal Hdwe. & Supply Co., 79 Greenpoint av
Wickes John C. Co., 189 Montague

Boroughs of Manhattan and Bronx.

NEW YORK—Atkins E. C. & Co., 43 Warren
Barron H. J. & Co., 149 B'way
Bass Bros., 82 Walker
Bayne Jasper Co., 29 Sullivan
Beggs Jas. & Co., 30 Warren
See ad index at end of book
Behrer & Co., 81 Beekman
Behringer Edw. A., Inc., 88 W. B'way
Beith & Reilly Co., 2475 3d av
Bettes & Ebsen, 150 Chambers
See ad index at end of book
Bowman M. K. Edson Co., 64 Dey
Braunfels, Browning & Co., 1940 Park av
Burnet Co., 69 South
Callahan Geo. & Co., 218 Front
Campbell Supply Co., 570 Columbus av
Chase Charles F., 39 Cortlandt
Chatwin Alfred Supply Co. (Tools & Supplies), 401 Broome
Church St. Machinery & Eng. Corp. (Exporters), 30 Church
Consolidated Packing & Supply Co., 21 Barclay
Cooney-Dunn Co., 72 Grand
Cornell & Underhill, Greenwich & Spring
Dominion Asbestos & Rubber Co., 67 Murray. *See ad index at end of book*
Deutermann Geo., 209 Centre
Dienst A. P. Co., 2604 3d av
Dill J. T. Co. (Pulleys, Hangers & Shafting), 90 Walker
Dimock & Fink Co., 220 E 125th
Dixon Wm., 39 John
Dodge Mfg. Co., 21 Murray
Donegan & Swift, 6 Murray
Du Bois F. N. & Co., 247 9th av
Dunham, Carrigan & Hayden Co., 127 Duane (Also Mine)
Eberhart M. & Son Co., 1462 1st av
FAIRBANKS CO., 416 Broome
For branch offices see Alphabetical Section
Fitzgerald M. J. Co., 252 Lafayette
Flint & Chester, 237 Lafayette
Ford Pulley & Hardware Co., Inc. (Factory Supplies), 404 Fourth av
See ad index at end of book
Fox Bros. & Co., 126 Lafayette
Frank Henry Jr., 374 Hudson
FRASSE, PETER A. & CO. (INC.), 417 Canal.
See adv index at end of book
Garrett W. D. & Co., 136 Liberty
Giannini G. W., 437 W 42d
Gibbons Jno. V., 133 Greenwich
Glauber Sam S., 242 E 79th
GODFREY-KEELER CO., 70 Warren
See adv index at end of book
Graton & Knight, 72 Warren
Greason Mfg. Co., 108 W 99th
Greene, Tweed & Co., 109 Duane
GROB-GAMSBY HARDWARE CO., INC., 100 Maiden la
Hammacher, Schlemmer & Co., 133 4th av
Hansen & Yorke Co., 88 Warren
Hardware & Supply Co., 215 Canal
Harrison John (Est. of) (Old Rope), 169 South (Also Mine)
Hoole & Gesswein, 84 Walker
International Engineer Supply Co., 123 Prince
Irving Mfg. & Tool Co., 157 Chambers
Johnson J. D. Co., 54 Cliff
Katzenstein Leopold & Co., 358 West
Keasbey Robt. A. Co., 445 West
Kessel Henry A. Co., 38 Pearl
Leonard & McCoy, 161 Wash'n
McCoy Henry J., 65 Dey
McMANN & TAYLOR CO. (Jobbers), 104 John. *See adv index at end of book*
Macwatty D. & Co., 103 Chambers
Manning, Maxwell & Moore, 119 W 40th
Marine Mfg. & Supply Co., 158 South
Miller & McLean, 120 Liberty
Mine & Smelter Supply Co. (Mine), 42 B'way
Mitchell-Bissell Co., 251 4th av
Montgomery & Co., 105 Fulton
Motley James M., 71 Beaver
Murray H. J., 85 Warren
Muray, Jno. A. & Co., 310 W 39th
NASON MFG. CO., 71 Fulton
See adv index at end of book
Neal B. B. Hardware Co., 117 Leonard
Neal & Brinker Co., 81 White
*New York Belting & Packing Co. 91 Chambers
Ogden J. Edward Co., 147 Cedar
Oliver Bros., Inc., 71 Murray
Olney & Warrin, 406 Broome
Patterson Bros., 27 Park row
Patterson, Gottfried & Hunter, 149 Lafayette
Pearson J. H. Supply Co., 79 White
Pfaff George, 109 Lafayette
Pollock Alex. Co., 203 West
Roberts Geo. I. & Bros., 471 4th av
Robertson Jas. L. & Son, 78 Murray
ROGERS H. A. CO., 87 Walker
See ad index at end of book
Rumsey Pump & Machine Co., 75 Warren
Saginaw Mfg. Co., 88 Warren
*Schieren Charles A. Co., 30 Ferry
*Schultz Belting Co. (of St. Louis, Mo.), 111 Chambers
Secor A. W., 76 Fulton
Simmons Jno. Co., 110 Centre
Smith G. & Son, 251 W 28th
Starratt & Jones Co., 28 Howard
Stephens & Conrow Co., 98 Park pl
Stroh & Wilson, 420 W 42d
STRONG MACHINERY & SUPPLY CO., 21 Walker
See adv index at end of book
Thompson Co., 301 W 126th
Tracy Frank, 202 Centre
Urquhart's Jno. S. Son & Co., 131 Liberty
Walsh & Hartwig, 217 E 58th
Williams Wm. E., 62 Front
Williams & Wells Co., 250 Fulton
Wilson O. C. & K. R., 78 Dey

Borough of Queens.

LONG ISLAND CITY—Brodie Wm., 307 Jackson av
Petry Jno. W. Co., 87 Fifth

Borough of Richmond.

WEST NEW BRIGHTON—Staten Island Supply Co., 398 Bay

(End of New York City)

NIAGARA FALLS—Elderfield-Hartshorn Hardware Co.
Niagara Falls Hdwe & Supply Co.
NORWICH—Ireland Machine & Foundry Co.
OGDENSBURG—Hackett Patrick, Hardware Co.
Ogdensburg Machine Co.
ONEIDA—Ruby Geo. H. Hardware Co.
OSWEGO—Dings Chas. W.
Oswego Tool Co.

PALMYRA—Garlock Packing Co.
PEEKSKILL—Naylor Bros.
Wessells W. F.
PLATTSBURG—Plattsburg Foundry & Machine Co.
ROCHESTER—Barr & Creelman Co.
Chamberlin Rubber Co.
*Cross Bros. & Co.
Ernst Louis & Sons
Falls Frank H.
Forster John M. Co.
Haverstick & Co. (Also Mine & R. R.)
Mathews & Baucher, 26 Exchange
Roby Sidney B. Co., 208 South av
Strong Homer
Weed & Co., 13 Exchange
Wright & Alexander Co.
ROME—Jackson Charles H.
Townsend's Jno. Sons
Wardwell Hdw. Co.
SCHENECTADY—Witbeck, Clark Co.
SYRACUSE—Barnes & Irving, Inc.
Burhans & Black (Inc.)
Fairbanks Co.
Foley Supply Co., 327 E Water
Jones I. G. Co.
Joy Edw. Co.
McCarty Chas. C., 300 W Water
Strong Homer
*Syracuse Supply Co.
Wood C. H. Company
TROY—*Barnum Bros. Co.
Horan Jas. J. & Co.
Interstate Machinery Co.
*Pine & Co.
*Troy Belting & Supply Co.
Warren J. M. & Co.
UTICA—Bowman Geo. A.
Kavanaugh Geo. W.
Millar Chas. & Son Co.
Munson Mill Machinery Co. (Grist Mill Supplies)
Smyth-Despard Co.
Utica Novelty & Mill Specialty Co.
WATERTOWN—Avery M. E. Co.
Bradley Thos. H.
Conde W. W. Hardware Co.
Hunting Co.
Kalbfleisch Supply Co.
Kamargo Supply Co.
Weekes John & Son Co.

NORTH CAROLINA.

ASHEVILLE—Asheville Supply & Fdry Co
CHARLOTTE—Alexander & Garsed
*Charlotte Leather Belting Co.
Charlotte Supply Co.
Cramer Stuart W.
General Fire Extinguisher Co.
Liddell Co.
Mecklenburg Iron Works
Textile Mill Supply Co.
DURHAM—Byrd Text Machy. & Supply Co.
ELIZABETH CITY—Jones D. M. Co.
GOLDSBORO—Dewey Bros.
GREENSBORO—Clymer L. M.
Greensboro Supply Co.
Odell Hardware Co.
HENDERSON—O'Neil M. J.
NEWBERN—Gaskill Hardware Co.
Hyman Supply Co.
RAEFORD—Raeford Hdw. Co.
RALEIGH—Dillon Supply Co.
Raleigh Iron Works Co.
WASHINGTON—McKeel-Richardson Hdw. Co.
WILMINGTON—Hyman Supply Co.
Standard Supply Co.
WINSTON-SALEM—Crawford Plumbing & Mill Supply Co.

NORTH DAKOTA.

FARGO—Crane & Ordway Co. (of Chicago), Est. 1855
Harrington Hubert
JAMESTOWN—Chenery & Co.

OHIO.

AKRON—*Akron Belting Co. (Belting, Hose, etc)
Goodyear Tire & Rubber Co.
Hardware & Supply Co.
ASHTABULA—Mitchell Hardware Co.
Paine-Ford Co.
Smith Homer P.
BUCYRUS—Picking D. & Co.
CAMBRIDGE—Branthoover & Johnston Co. (Also Mine)
CANTON—Canton Hardware Co.
Canton Supply Co.
Yohe Wm. S.
CINCINNATI—*American Oak Leather Co., Kenner Dalton & McLean avs
Boebinger Hdw. Co., 315 E Pearl
*Bradford Belting Co., 2d & Walnut
Crane Co. (of Chicago), Est. 1855, 824 B'way
Devou V. N. Supply Co., 506 Central av
Dodge Mfg. Co., 128 W 3d
Doermann-Roehrer Co. (Also Mine Supplies), 318 E 3rd
Eagle Counter & Leather Co., 416 E 8th
Economy Machinery Co. (Jno. H. Flynn, Prop.), 428 E Pearl
Fewlass-Leen Brass & Iron Co., 610 E Front
Hammond Heating Co., 130 E Pearl
Johnston Wm. T. Co., 3d & Vine
Kinsey E. A. Co., 331 W 4th
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly *See adv index at end of book*
Merkel Bros. Co., Canal & Jackson
Morris E. K. & Co., 317 W 2d
Nuhring Chas. & Bro., 1212 Walnut
Ohio Rubber Co., 228 W 7th
Pickering Hardware Co., 5th c Main
Queen City Supply Co., Pearl & Elm
Straub Machinery Co., 1230 Knowlton
Thompson Walter M., 1427 Plum
Uihlein Julius & Co., 208-14 Elm
Vulcan Supply Co. (Also Mine, R. R., etc), 120 Sycamore
Wirthlin-Mann Co. (Also Mine), 329 W 3d
Wood J. R. Supply Co., 917 B'way
CLEVELAND — Acme Mill Supply Co. (Scrap Iron, Steel & Metal), Guardian bldg
BARTLETT C. O. & SNOW CO., French st.
See ad index at end of book
Bingham W. Co., 1278 W 9th
Buckeye Belting & Supply Co., 1560 W 3rd
Cleveland Mill Supply Co., Guardian bldg
Cleveland Tool & Supply Co., 1427 W 6th
Consumers' Rubber Co. (Rubber, etc), Garlock Packing Co., Engineers' bldg
Ingraham T. & Co., 1539 Columbus rd
Luetkemeyer Co., 725 Superior av, N W
Mau-Sherwood Supply Co., 1616 W 3rd
Morton-Petitt Co., 3951 St. Clair
Ohio Rubber Co., 725 St. Clair av, N E
Pattison W. M. Supply Co., 777 Rockwell av
Philpott Rubber Co., 1408 W 3d
Standard Tire & Rubber Mfg. Co., Hippodrome bldg
Strong, Carlisle & Hammond Co., 336-344 Frankfort av, N W
White Tool & Supply Co., 1313 W 6th N W
Worthington Geo. Co., 802-832 St. Clair av, N W
COLUMBIANA—Enterprise Co. (Sawmill)
COLUMBUS—Columbus Belting & Supply Co., 77 E Long
Columbus Mill & Mine Supply Co. (Also Mine), 75 N Front
Columbus Supply Co., 37 W Spring
Osborne & Sexton Machinery Co., 4th & Russell
Plumbers' & Factory Supply Co., 33 E Spring
Ross-Willoughby Co., 178 3rd
Sackett Mine Supply Co. (Also Mine Supplies), 164 N 3d
Scioto Valley Supply Co. (Also Mine), Long & 3rd
Smith Bros. Hdw. Co., 38 W Chestnut
Talmadge Hardware Co., 147 N High
Westwater Supply Co. (Also Mine), 150 N 3rd
CONNEAUT—Mitchell Hardware Co.
COSHOCTON—Keagy & Lear Machine Co. (Also Mine)
DAYTON—Dayton Iron & Steel Co.
Gump Charles A.
Larkin M. D. Supply Co.
Patterson Tool & Supply Co.
EAST LIVERPOOL—Milligan Hardware & Supply Co.
ELYRIA — Elyria Belting & Machinery Co.
FINDLAY—Ohio Pipe Co.
GENEVA—Harley Bros.
HAMILTON—Hamilton Supply Co.
IRONTON—Central Hardware & Harness Co. (Belting, etc)
KENTON—Cantwell Hardware Co.
LIMA—Good Tool & Supply Co.
Jones Hardware Co.
MANSFIELD—Hughes Supply Co.
MARIETTA—Frick & Lindsay Co.
Seyler Hardware Co.
MILAN—Curtis Machine Co.
NEW PHILADELPHIA — Sharp Mfg. & Supply Co.
NORWALK—Gfell John H. & Co.
PIQUA—Angle Hardware Co.
Woodcox I. N. & Son
PORTSMOUTH—Hibbs Hardware Co.
ST. MARYS—Jasperson Supply Co.
SALEM—Salem Hardware Co.
SPRINGFIELD—Burton G. F. Co.
Springfield Hdw. Co.
Vulcan Hardware Co.
TIFFIN—Crobaugh & Dahm Hdware Co.
TOLEDO—Arbuckle-Ryan Co.
Auburndale Hardware Co.
Bostwick-Braun Co.
Coghlin Machinery & Supply Co.
Hardy & Dischinger Co.
National Supply Co.
Ohio Plumbers' Supply Co.
Star Hardware & Supply Co.
Stollberg Hardware & Paint Co.
Toledo Belting Co.
Toledo Rubber Co.
Toledo Saw & Supply Co.
Wilcox M. I. Co.
UPPER SANDUSKY—Beidler F.
YOUNGSTOWN — Stambaugh Thompson Co.
Wilkins-Leonard Hardware Co.
ZANESVILLE—Clossman Hardware Co.

OKLAHOMA.

CLINTON—Welch Wholesale Hardware Co.
EL RENO—El Reno Foundry & Machine Co.
ENID—Young J. A. Machine & Supply Co.
McALESTER—Union Iron Works
MUSKOGEE—Atlas Supply Co.
NOWATA—Nowata Hardware & Supply Co.
OKLAHOMA—Mideka Supply Co.
Sherman N. S. Machinery & Iron Wks.
PURCELL—Beringer Hardware Co.
SAPULPA—Bovaird Supply Co.
TULSA—Oklahoma Iron Works

OREGON.

BAKER—Basche-Sage Hardware Co.
GRANTS PASS—Grants Pass Hardware Co. (Also Mine)
Rogue River Hardware Co.
PORTLAND—Atkins E. C. & Co., 75 1st
Avery & Co., 48 3rd
Davis-Scott Belting Co., 240-260 Hawthorne av
Gauld Co., 69-75 N 12th
Goodyear Rubber Co., 67 4th
Hammond Mfg. Co. (Also Mine), Kamm bldg
Kline M. L., 84-86 Front
Marshall Wells Hardware Co. (Also Mine), 14th & Kearney
Mitchell-Lewis & Staver Co., E Morrison & E 3rd
Pacific Mill & Mine Supply Co.
Portland Iron Works, 14th & Northrup
Portland Machinery Co., 62-66½ 1st
Ross J. J. Mill Furnishing Co. (Flour Mill)
Western Supply Co., 61 First

PENNSYLVANIA.

ALLENTOWN—Allentown Reed, Harness & Mill Supply Co.
Grammes L. F. & Sons
See adv index at end of book
Hersh F. Hardware Co.
Taylor William H. & Co.
Young M. S. & Co.
ALTOONA—Standard Supply & Equipment Co. (Also Mine)
ASHLAND—Buck Peter E. & Sons (Also Mine)
BEAVER FALLS—Brierly Frank F. & Sons
Davidson W. J. & Sons
Palmer Henry S. Supply Co.
Pettler P. & Son
BETHLEHEM—Krause J. S. Hardware Co.
BRADFORD—Emery Hardware Co.
Oil Well Supply Co.
BUTLER—Campbell J. G. & W.
CHESTER—Galey Hardware Co.
Harper Mfg. Co.
Howland Wm. O.
Riley Benj. F.
CLEARFIELD—Clearfield Machine Shops
Dufton Hardware Co.
Powell Wm. F.
COATESVILLE—Pownall Hardware Co.

PENNSYLVANIA—continued
CONNELLSVILLE—Connellsville Mfg. & Mine Supply Co.
CORRY—Barlow Hardware Co.
DANVILLE—Danville Hardware & Supply Co.
DUBOIS—Dubois Iron Works (Also Mine)
Osborn Machine Co.
EASTON—Macan Jr., Co.
ERIE—Coblentz Tool & Supply Co.
Erie Mfg. & Supply Co.
Palace Hardware House, 913 State
Standard Pipe & Supply Co.
Stirling-Warfel Mill Supply Co.
Weller H. P. Supply Co.
HARRISBURG—Mather E. Co.
HAZLETON—Hazleton Machinery & Supply Co. (Also Mine)
Woodring Jeremiah & Co. (Also Mine)
HUNTINGTON—Miller C. H. Hardware Co.
JOHNSTOWN—Johnstown Supply House (Also Mine)
Swank Hardware Co.
KANE—Kane Supply Co.
KINGSTON—Roat A. J. Supply Co. (Also Mine)
LANCASTER—Cummings, Bevis & Levan
Herr & Co.
Reilly Bros. & Raub
Steinman Hdw. Co.
LEBANON—Krause Geo. Hardware Co.
Lebanon Engineering & Supply Co.
MEADVILLE—Gill D. A.
Rhodes I. M. & Co.
MILTON—Buoy John Y. Co.
MUNCY—Sprout, Waldron & Co.
NEW CASTLE—Dickson & Co.
Smith C. E. Hardware Co.
Smith-Hutton & Kirk Co.
NORRISTOWN—Quilliman Benjamin Hdw. Co.
OIL CITY—Logan Robert
OSCEOLA MILLS—Stine S. B. (Mine)
PATTON—Central Hdwe & Supply Co. (Also Mine)
PEN ARGYL—Correll R. S. (Also Mining)
PHILADELPHIA—Annear Wm., 57 N 2d
Arny C. W. & Son, Trenton & Somerset
Belfield H. Co. 435 N Broad
Bell H. E., 212 Church
*Billington Jas. H. Co. (Textile Mach.), 113 Chestnut
*Bond Chas. Co., 617 Arch
Brown D. P. & Co., 262 N 4th
Bullock C. K., 1357 Ridge av
Consolidated Belting Co., Delaware & Jeffrey
Crane Co. (of Chicago) (Est. 1855), 245 Master
Cressman N. C. Co. (Mill, Mine & R. R.), Drexel bldg
Crozier R. J. Co. (R. R. Mill & Mine), North American bldg
Devitt Paul J., 1101 S 2nd
De Zouche, Hanson & Co., 14 N 5th (Also Mine)
Diamond Specialty & Supply Co. (also mine), 1225 Arch
Diamond Textile Machine Works, 1820 N 10th
Dodge Mfg. Co., 815 Arch
Dominion Asbestos & Rubber Co., 110 Walnut *See adv index at end of book*
Etsweiler Wm. (Leather, etc), 230 N 3d
Fairbank Co., 701 Arch
Fifer & Beatty, Front st & Lehigh av
Graton & Knight Mfg. Co., 132 N 3d
Haines, Jones & Cadbury Co., 1136 Ridge av
*Houghton E. F. & Co. ("Vim," "Houghton" Oak), 240 W Somerset
Industrial Requirements Co., 136 Chestnut
Jenkins Bros., 133 N 7th
Keep Bros., 225 Sansom
Kinkerter & Sheppard Co., 4669 Frankford
*Ladew Edw. R. Co. (Est. of), 14 S 3d
Latimer R. L. & Co., 24 N Front
Latta John S. Co., 1227 Arch
Levick's Richard Son & Co. (Rubber Belting, Hose, Packing, etc), 720 Chestnut
McComb A. M., 116 N 3rd
Maddock & Co., 40 N 6th
*Main Belting Co., 1219 Carpenter
Maneely John, 309 Arch
Manning, Maxwell & Moore, Lincoln bldg
Manufacturers' Supplies Co., Juniper & Cherry
Mitchell F. A., 20th & Callowhill
Murta-Appleton & Co., 12th & Sansom
Naumann Hdw. & Supply Co., 4324 Gtn av
Pancoast Henry B. Co., 243 S 3d
Paulus Jos. C. & Co., 2507 Potter
Pechin Belting Co., Orchard & Torsdle
PENN SUPPLY & EQUIPMENT CO., 421 Widener bldg, Phila., Pa.
Powell, Clouds & Co. (Tools & Supplies), 602 Arch
Quaker City Rubber Co. (A full line; also Mfrs of "Daniel's P. P. P. and "Ebonite" Packings), 629 Market
Rainear C. J. & Co., 518 Arch
Restein Clement Co., 139 N 2d
*Rhoads J. E. & Sons (Leather, etc), 12 N 3d
Rich J. & G., 126 N 6th
Richards E. W. & Co., 2029 Frankford
Sachs Wm. A., 1152 Germantown av
Savill's Thos. Sons, 1310 Wallace
Schade Valve Mfg. Co., 2528 N American
*Schieren Chas. A. Co., 226 N 3d
Sees & Faber Co., 2008 N Front
Shannon J. B. Hdw. Co., 816 Chestnut
Shannon J. Jacob & Co., 1744 Market
Shultz Belting Co., 116 N 3d
Smith Jas. & Co., 1820 N 10th
Snyder M. L. & Son, 223 Church
Spaulding & Metcalf, 532 Arch
Standard Supply & Equipment Co. (Also Wire), N W cor. Cherry & 13th
Williamson & Cassedy, 526 Market
Wise & Bailey, 108 Walnut
Wolfenden Daniel (Textile), 232 Arch
PHILLIPSBURG—Gill Mfg. Co. (Mine)
PHOENIXVILLE—Benjamin Hdwe Co.
PITTSBURGH — Armstrong - Wolfe - Zimmerman Co., 1st & Market
Baird Machinery Co., 123 Water
Best Co.
Bowman Supply & Mfg. Co., 890 Main
Briggs Machinery Co., 238 2d av
Brown & Zortman Machinery Co., Union Arcade bldg
Carlin Machy. & Supply Co., 161 E Lacock
Childs H. L. & Co. (Also Mine), 249 Water
Colonial Supply Co. (Also Mine), 414 1st av
Dodge Mfg. Co., 337 2d av
Flocker Jno. & Co., Ltd., 957 Liberty
Frick & Lindsay Co. (Also Mine), Robinson
Garlock Packing Co., 100 Smithfield
Green L. A., First Natl Bk bldg
Harris Pump & Supply Co., 320 2d av
*Hartley-Rose Belting Co., 425 1st av
Hukill, Hunter Co., 414 Wood
Industrial Supply Co., Jenkins Arcade
Johnson-Morehouse & Dickey Co. (Also Mine), 106 Market
Kirk Supply Co., Farmers' Bank bldg
Lindsay J. C. Hardware Co., 12 8th
Logan-Gregg Hdw. Co., 121 9th
Machinists Supply Co., 324 3d av
Oil Well Supply Co. (Also Mine), 215 Water
Penn Equipment Co. (Also Mine), Park bldg
Phillips J. & H., 627 Liberty av
Phillips Mine & Mill Sup. Co., 2227 Jane
Pittsburgh Gage & Supply Co. (Also Mine), 30th & Liberty av
Rose Tool & Supply Co. (And Mine), 111 Market
Somers, Fitler & Todd Co., 325 Water
Speck, Marshall Co., 314 2d av
Standard Scale & Supply Co., 1631 Liberty av
Standard Supply & Equip. Co. (Also Mine), 29th & Smallman
Turner Chas. A. (Mill, Mine & Railroad Supplies), 3d av & Chancery
Universal Supply Co., 1st Natl. Bank bldg
Woodwell Jos. Co., 207 Wood
POTTSTOWN—Fegely J. & Son
POTTSVILLE—Bright George Hardware Co.
Pottsville Supply Co. (Principally Mine)
PUNXSUTAWNEY—Brown Hardware Co.
Punxsutawney Fdry & Machine Co.
READING—Bard Hardware Co.
Berks Engineering Co.
Bright & Co.
Obold Hardware Co.
Stichter Hardware Co.
RIDGWAY—Ridgway Mfg. Co.
ROUSEVILLE—Rouseville Supply Co.
SCRANTON—Bittenbender Co.
Case W. A. & Son Mfg. Co.
Maloney Oil & Mfg. Co.
Potter L. B. & Co. (Also Mine)
Scott Chas. B. Co.
*Scranton Supply & Mach'y Co. (Also Mine)
SHAMOKIN—Jones Hardware Co. (Also Mine).
SHARON—Fruit-Ohl Co. (Also Foundry & Blast Furnace Supplies)
SOMERSET—Schell P. A. & Co.
TITUSVILLE—Kernochan & Co.
United Hardware & Supply Co.
TUNKHANNOCK—Billings Paul & Sons
UNIONTOWN—Uniontown Hdw. & Supply Co. (Also Mine)
WARREN—Bradford Supply Co.
Pickett Hdw. Co.
WILKES-BARRE—Eastern Penna. Supply Co.
Lewis & Bennett Hardware Co.
WILLIAMSPORT—Keeler E. Co.
Kline & Co. (Also Mine)
National Foundry Mfg. & Supply Co.
Valley Iron Works
YORK—Duff William E.
Mehring H. B. & Co.
Motter's Geo. F. Sons
Small P. A. & S. Co.

RHODE ISLAND.

CENTRAL FALLS—American Supply Co.
EAST PROVIDENCE—Humes Mfg. Co.
PAWTUCKET—Blackstone Reed & Harness Co., 41 Bayley
Copeland Mill Supply Co., 424 Central av
Easton & Burnham Machine Co., Pine
Edmands Arthur B. Co., Slater av
Toole W. K. Co., 180 Main
PROVIDENCE—Allen & Reed, 178 Dorrance
*American Supply Co., 135 Washington
Barker, Chadsey & Co., 38 Westminster
Brown Bros. Co., 62 Exchange pl
Chase F. A. & Co., 253 W Exchange
Church E. C. Co., 5 Eddy
Conlin J. C., 361 Washington
Gilbert & Tierney Supply Co., 50 Exchange pl
Hope Mill Supply Co., 63 Washington
Parkinson Edward Mfg. Co., 84 Sprague
Power & Grant, 235 Charles
Providence Mill Supply Co., 68 W Exchange
Rhode Island Supply & Sprinkler Co., 156 W Exchange
Spencer Wilton H., 11 Exchange pl
Standard Mill Supply Co., 39 Exchange pl
Talcott W. O., 91 Sabin
Taylor Chas. F., 57 Weybosset
U. S. Mill Supply Co., 334 S Water
Wilkinson E. De F. Co., 48 Exchange pl
WOONSOCKET—Darling C. H.
Farnum J. B. Co.
Getchell Seth S. & Son
Woonsocket Machine & Press Co.
Woonsocket Supply Co.

SOUTH CAROLINA.

ANDERSON—Sullivan Hardware Co.
BEAUFORT—Christensen N. & Sons
CHARLESTON—Bailey-Lebby Co.
Bird W. M. & Co.
Cameron & Barkley Co.
Franke C. D. & Co.
Valk & Murdoch Co.
COLUMBIA—Columbia Supply Co.
Gibbes Machinery Co.
Lorick & Lowrance
Southern States Supply Co.
GEORGETOWN—Kaminski Hardware Co.
GREENVILLE—American Machine & Mfg. Co.
Carolina Supply Co.
Poe Hardware & Supply Co.
HARTSVILLE—Hartsville Supply Co.
SPARTANBURG—Ezell Wall Hardware Co.
Montgomery & Crawford
SUMTER—Sumter Railway & Mill Supply Co.
WOODRUFF—Westmoreland W. B. Co.

SOUTH DAKOTA.

RAPID CITY—Duhamel Co.
Sweeney Tom Hardware Co.
SIOUX FALLS—Larson Hardware Co.
Plumbing Supply Co.

TENNESSEE.

BRISTOL—Mitchell-Powers Hdw. Co. (Also Mine)
CHATTANOOGA—Chattanooga Saw Works
James Supply Co.
Magill Hardware Co.
Mills & Lupton
Rogers-Bailey Hardware Co.
Wheland Co.
CLARKSVILLE—Elder-Conroy Hdw. Co.
CLEVELAND—Cleveland Machinery & Supply Co.
COVINGTON—Walker M. A. & Co.
JACKSON—Gooch-Edenton Hardware Co.
Southern Engine & Boiler Works
JELLICO — McComb Supply Co. (Also Mine)
JOHNSON CITY—Summers-Parrott Hdw. Co.
KNOXVILLE—Crane Co.
House-Hasson Hardware Co. (Also Mine)
Luttrell S. B. & Co.
McClung C. M. & Co.
Savage W. J. Co. (Also Mine)
Tennessee Mill & Mine Supply Co.
MEMPHIS—Atkins E. C. & Co.
Ellis Wm. C. & Sons Iron Works
Nelson N. O. Co.
Pidgeon-Thomas Iron Co. (Railroads, etc)
*Reed & Duecker
Riechman-Crosby Co.
Stratton-Warren Hdwe Co. (Also Railroad)
Towner & Co.
NASHVILLE—Bouchard John & Sons Co.
Case W. A. & Son Mfg. Co.
Dale John P. Machinery Co.
Gray & Dudley Hdw. Co.
Keith, Simmons & Co.
Nashville Machine Co.
Southern Mill Supply Co. (Also Mine)
Stewart & Bruckner Co.

TEXAS.

AUSTIN—Gossard A. R.
BEAUMONT—Norvell-Wilder Hardware Co.
Wilson E. L. Hdwe. Co.
BRENHAM—Roff & Miller
DALLAS—Briggs-Weaver Machinery Co.
Texas Machinery & Supply Co.
Wolfe B. F. & Co.
DENISON—Hall-Leeper Hardware Co.
EL PASO—El Paso Foundry & Machine Co. (Also Mine)
Krakauer Zork & Moye's Successors (Also Mine)
Mine & Smelter Supply Co.
Momsen-Dunnegan-Ryan Co.
FORT WORTH—Axtell Co.
Southern Trading Co.
Texas Mfg. Co.
GALVESTON—Shean Paul Co.
HOUSTON—Ahrens & Ott Mfg. Co.
Barden Electric & Machinery Co.
Bering-Cortes Hardware Co.
Girten-Bowman Supply Co.
Heitmann F. W. Co.
Peden Iron & Steel Co.
Russ J. B.
Smith Howard & Co.
Texas Machinery & Supply Co.
JEFFERSON—Meyer Eugene
Torrans Mfg. Co. (Also Mine)
LUFKIN—Lufkin Foundry & Machine Co.
ORANGE—Sabine Supply Co.
PALESTINE—Dilley George E. & Son
PARIS—Bettes H. S. Hardware Co.
SAN ANTONIO—Alamo Iron Works
San Antonio Foundry Co.
San Antonio Machine & Supply Co.
SHERMAN—Hardwick-Etter Co.
Roberts, Sanford & Taylor Co.
TYLER—Connally Walter & Co.
WACO—June D. Machinery Co.
McLendon Hardware Co.
Waco Machinery & Supply Co.

UTAH.

OGDEN—Lowe Geo. A. Co. (Also Mine)
SALT LAKE CITY—Crane Co. (of Chicago), Est. 1855
Galigher Machinery Co.
Richmond F. C. Machinery Co.
Salt Lake Hdwe. Co. (Also Mine)

VERMONT.

BARRE—Phelps N. D. Co.
Reynolds & Son
Smith, Whitcomb & Cook Co.
BELLOWS FALLS—Vermont Farm Machine Co.
BURLINGTON—Manson Hdw. Co.
Strong Hdwe. Co.
MONTPELIER—Deming Hdwe. Co.
RUTLAND—Lincoln Iron Works
ST. JOHNSBURY—Hooker O. V. & Son
SPRINGFIELD—Parks & Woolson Mach. Co.

VIRGINIA.

LAWRENCEVILLE—Sledge & Barkley Co.
LYNCHBURG—Ainslie-Martin Co.
Barker-Jennings Hdw. Co.
NORFOLK—Cory Herbert H.
Empire Machinery & Sup. Corp., 36 Coml pl
Porter & Moore Co.
Southern Supply Co. (Railroad & Steamboat)
Standard Supply & Equipment Co.
Taylor-Parker Co. (Railroad & Steamboat)
Tidewater Supply Co.
Walke Henry Co. (Railroad, Mill & Steamboat)
Westbrook Jno. D., Inc.
Whaley W. M. & Co. (Also Steamboat)
White E. V. & Co.
PETERSBURG—Appomatox Iron Works & Supply Co.
Leonard Chas. Hardware Co.
Stockdell Myers Hardware Co.
Stratton & Bragg Co.
PULASKI—Price Hardware Co. (Also Mine)
Pulaski Hardware Co.
RICHMOND—Dominion Asbestos & Rubber Corp., 8 Governor
See adv index at end of book
Frischkorn Hunter B. (Railroad & Mine), 801 E Cary
Lindsay Jno. L., 1321 E Main
McGraw Jas., 1442 E Main
Southern Railway Supply Co. (Railroad), 1323 E Main
Virginia Machinery & Well Co., 1319 E Main
ROANOKE—Nelson Hardware Co. (Also Mine)
Roanoke Hardware Co. (Also Mine)
SALEM—Salem Foundry & Machine Works
SUFFOLK—Folk E. L. Co.

WASHINGTON.

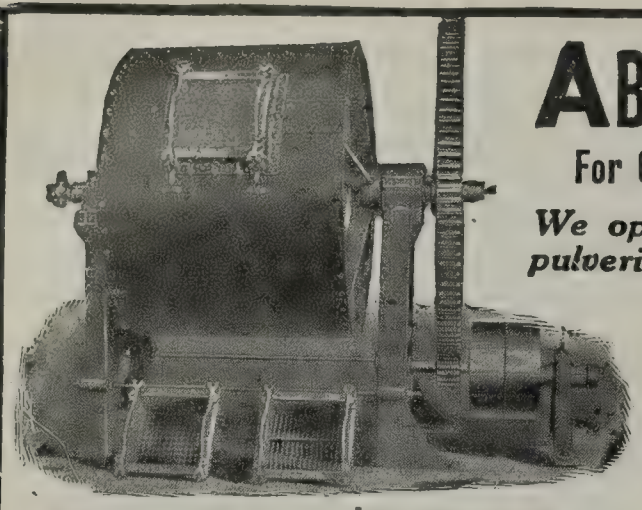
ABERDEEN—Grays Harbor Hardware Co.
Isaacson L. G. Co.
BELLINGHAM—Morse Hardware Co.
CENTRALIA—Gillam H. C.
EVERETT—Agnew Hdw. Co.
Lloyd Co., The
Pacific Hardware Co. (Also Mine)
Sumner Iron Works
SEATTLE—Adair Geo. B. & Son Co., 514 1st av S
Atkins E. C. & Co., 510 1st av S
Bowles Co., 107 Jackson
Broderick & Bascom Loggers Supply Co., 623 Western av
Curtiss Wm. M. Co., 5016 20th, N W
Hallidie Machinery Co., 411 Occidental av
Hambach & Co., 1st av S. & King
Meese & Gottfried Co., 558 1st av S
Mill & Mine Supply Co.
Moore Chas. C. & Co., Mutual Life bldg
Puget Sound Machinery Depot, 318 1st av S
Schwabacher Hardware Co. (Also Mine)
Seattle Hardware Co., 501 1st av S
Seattle Machine Works
Simonds Mfg. Co., 402 Occidental av
Star Machinery Co., 1731 1st av S
Union Machinery & Supply Co., 528 1st av S.
United Supply Co.
Washington Saw Co., 2724 6th S
Western Hdw. & Metal Co., 1201 av S
SPOKANE—Arnold-Evans Co.
Barnard Mfg. Co.
Holley-Mason Hardware Co.
Jensen-King-Byrd Co.
McGowan Bros. Hardware Co.
Mitchell, Lewis & Staver Co.
Nott-Atwater Co.
Spokane Hardware Co.
TACOMA — Doud-MacFarlane Machinery Co.
Hunt & Mottett Co.
Walsh & Gardner Co.
Washington Machinery Depot

WEST VIRGINIA.

BLUEFIELD—Bluefield Hdw. Co. (Also Mine)
Superior Supply Co. (Also Mine)
CHARLESTON—Burlew Hardware Co.
Capitol City Supply Co. (Also Mine)
Charleston Hdw. Co.
Goshorn Hardware Co.
Meyers Bros.
South Side Fdry. & Machine Works (Also Mine)
CLARKSBURG—Hart Bros. Machine Co.
West Virginia Mine Supply Co.
Williams Hardware Co.
ELKINS—Baldwin Supply Co.
FAIRMONT—Fairmont Mining Machy. Co.
Jacobs-Hutchinson Hardware Co. (Principally Mining)
HUNTINGTON—Banks' Supply Co. (Also Mine)
Miller Supply Co. (Also Mine)
MORGANTOWN—Palmer-Marshall Supply Co. (Also Mine)
PARKERSBURG — Chancellor Hardware Co.
Parkersburg Machine Co.
WESTON—Danser Mfg. & Supply Co.
WHEELING—Berry Chas. H. Supply Co.
Ott-Heiskell Hardware Co.
Spears & Riddle Co.
Trimble & Lutz Supply Co. (Also Mine)

WISCONSIN.

APPLETON—Schlafer Hardware Co.
Tesch William
ASHLAND—Bretting C. G. Mfg. Co.
EAU CLAIRE—Hobbs W. H. Supply Co.
FOND DU LAC—Dallman & Cooper Supply Co.
GREEN BAY—Fontaine B. Hardware Co.
Murphy Supply Co.
JANESVILLE—Ambrose F. O.
Bicknell Mfg. & Supply Co.
LA CROSSE—Kroner Fred Hardware Co.
La Crosse Plumbing Supply Co.
Roosevelt W. A. Co.
Tausche Vincent Hardware Co.
MADISON—Peper J. W.
MANITOWOC—Richards H. C.
MARINETTE—Westlund August
MILWAUKEE—American Machinery & Construction Co., 103 W Water
Badger-Packard Machy. Co., 133 W Water
Goodyear Rubber Co., 380 E Water
Gross Philip Hardware Co., 218 3rd
Hoffman B. Mfg. Co., 257 6th
Hoffman & Billings Mfg. Co., 100 2nd
Kramer W. J. Oil Co., 216 Reed
*Milwaukee Leather Belting Co., 146 W Water
Pritzlaff John Hardware Co., 51 W Water
Rom Robt. Co., 1023 St. Paul av
Rundle-Spence Mfg. Co., 63 2nd
Trostel A. & Sons Co., 612 Commerce
Western Iron Stores Co., 145 W Water
Wisconsin Machinery & Mfg. Co., 51st & Burnham
NEENAH—Krueger Wm. Co.
Leavens Frank A. (Paper Mill)
OSHKOSH—Battis Bros.
Clough & Co.
Hay Hardware Co.
RACINE—Buffham W. S. & Sons
Greene F. J, Engineering Works
Hoernel Hardware Co.
Langlois Co.
RHINELANDER—Lewis Hardware Co.
Rhinelander Iron Co.
Wood T. C. Hardware Co.
SHEBOYGAN—Geele F. Hardware Co.
Koepsell J. J. Co.
STEVENS POINT—Cook R. A.
WAUSAU—Murray D. J. Mfg. Co.



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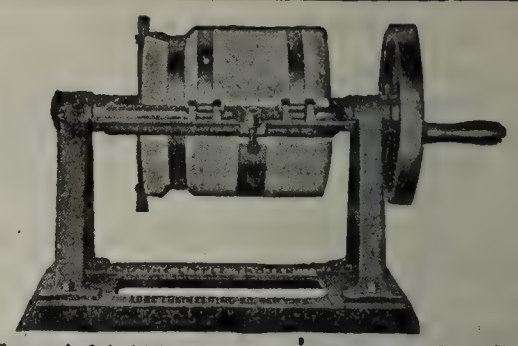

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9756—Millers (Oil Grooving)

Fischer Machine Co., 310 N 11th, Phila., Pa.

9756a— Milliameters

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

Weston Electrical Instrument Co., Waverly pk, Newark, N. J.

9757—Mills (Adjustable, Hollow)

See also Mills, Hollow

Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Geometric Tool Co. ("Geometric"), New Haven, Conn.
Modern Tool Co. (Hollow Milling Tools), 300 State, Erie, Pa.
See adv index at end of book
Morse Twist Drill & Machine Co., New Bedford, Mass.
Rogers John M. Works, Gloucester City, N. J.
Standard Tool Co., 6900 Central av, Cleveland, O.

9758— Mills (Alfalfa)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
Abbe Paul O., 30 Broad, New York
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
Pecos Valley Alfalfa Mill Co.
Superior Mfg. & Mill Co., Springfield, O.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.
Wilson Bros., Easton, Pa.
See adv index at end of book
Wolf Co. ("Wolf"), Chambersburg, Pa.

9759— Mills (Attrition)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
Abbe Paul O., 30 Broad, New York
Barnard & Leas Mfg. Co. ("Hercules," "Sovereign"), Moline, Ill.
Bauer Bros. Co., Bauer bldg, Springfield, O.
Blymer Iron Works Co., Cincinnati, O.
Brown A. & F. Co., 79 Barclay, New York.
Buckeye Iron & Brass Works, Dayton, O.
Engelberg Huller Co. ("Halstead"), Syracuse, N. Y.
Excel Mfg. Co., Pottersville, N. J.
Holmes & Blanchard Co., 31 State, Boston, Mass.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
Munson Mill Machinery Co., Utica, N. Y.
Robinson Mfg. Co. ("Unique"), Muncy, Pa.
Sprout, Waldron & Co. ("Monarch"), Muncy, Pa.

9760— Mills (Ball Porcelain)

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
Abbe Paul O., 30 Broad, New York
Jeffery-Dewitt Co., Butler av & Grand Trunk Ry, Detroit, Mich.

9761—Mills (Ball & Pebble)

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
Abbe Paul O., 30 Broad, New York
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Alsing J. R. Co. (Tube), 75 Guernsey, Bklyn, N. Y.
BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Bonnot Co., Canton, O.
Centralized Ball Mill Co., Monadnock bldg
Chalmers-Williams Mfg. Co. (Or Tube Patent Adjustable Quick Discharge for Wet Mills), 1461 Arnold, Chicago Heights, Ill.
Colorado Iron Works Co., Denver, Colo.
CROSSLEY MACHINE CO., State & Chestnut av, Trenton, N. J.
See adv index at end of book
Day J. H. Co., Cincinnati, O.
Denver Engineering Works Co. (Tube Mills), Denver, Colo.
Dillon-Box Iron Works Co., Denver, Colo.
Eccleston Machinery Co. (Periphery Discharge Wet or Dry Grinding), Los Angeles, Cal.
Fuller-Lehigh Co. ("Fuller-Lehigh"), Fullerton, Pa.
Hallidie Co. (Tube Mills for Wet or Dry Grinding), Spokane, Wash.
Hardinge Conical Mill Co., 120 Broadway, New York
Hassell Iron Works Co., Colorado Springs, Colo.
KENNEDY VAN SAUN MFG. & ENG. CORP. (Wet Grinding Tube, etc.), 120 Broadway, New York
See adv index at end of book
Manitowoc Engineering Works, Manitowoc, Wis.
Patterson Foundry & Machine Co. (Flint, Flour-spar, Quartz, Silex, etc), East Liverpool, O.
Prosser T. & Son ("The Krupp" Imp.), 15 Gold, New York
Smidth F. L. & Co., 50 Church, New York
Stearns-Roger Mfg. Co., Denver, Colo.
THORPP'S JOHN E. SONS CO. (Pebble & Tube Only), ft of Lewis, Trenton, N. J. *See adv index at end of book*
Townsend Foundry & Machine Shop Co. (Ball), Broadway & Rensselaer, Albany, N. Y. *See adv index at end of book*
Traylor Engineering & Mfg. Co., Allentown, Pa.
Walker Mfg. Co., Denver, Colo.
Worthington Pump & Machy Corp., 115 B'way, New York
See adv index at end of book

9762— *Mills (Bar)

Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book

9763— Mills (Bark)

See also Grinders, Edging

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
Abbe Paul O., 30 Broad, New York
Barry & Zecher Co. ("Eureka"), Lancaster, Pa.
Bartley Wm. & Sons ("Shultis" Sectional), Bartley, N. J.
Bauer Bros. Co., Bauer bldg, Springfield, O.
Fyster, Weiser & Co. (Ltd.), York, Pa.
Horn Wm. H. & Bro., 451 N 3d, Phila., Pa.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
Ott Benj. & Sons Co. ("Ott's" Bark Shaving), La Crosse, Wis.
Raymond Bros. Impact Pulverizer Co. (For Peruvian Bark, etc.), 1319 N Branch, Chicago, Ill.
Shapley & Wells, Binghamton, N. Y.
Stehling Chas. H. Co., 401 4th, Milwaukee, Wis.
Stokes F. J. Machine Co., 17th & Camden, Phila., Pa.
Turner Tanning Mach'y Co. ("Turner" Disc Type), Peabody, Mass.
Waterville Foundry & Mfg. Co., Waterville, N. Y.
Williams Patent Crusher & Pulverizer Co., 813 Montg, St. Louis, Mo.

9764— Mills (Barley)

Abbe Paul O., 30 Broad, New York
Barnard & Leas Mfg. Co., Moline, Ill.
Wilson Bros., Easton, Pa.
See adv index at end of book
Wolf Co., Chambersburg, Pa.

9765— Mills (Billet)

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Mackintosh-Hemphill & Co. (Reversing, Blooming or Roughing), Pittsburgh, Pa.
Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book
MORGAN ENGINEERING CO., Alliance, Ohio *See adv index at end of book*
National Roll & Foundry Co., Avonmore, Pa.

9766— Mills (Blooming)

Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book
MORGAN ENGINEERING CO., Alliance, O.
See adv index at end of book
Philadelphia Roll & Machine Co., 25th & Washington av, Phila., Pa.

When writing to firms whose names appear in this book please mention

HENDRICKS' COMMERCIAL REGISTER.

9767— Mills (Bone & Shell)

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
Abbe Paul O., 30 Broad, New York
BARTLETT C. O. & SNOW CO., French st., Cleveland, Ohio
See adv index at end of book
Bauer Bros. Co., Bauer bldg, Springfield, O.
Bayley Wm. Co. ("Bayley" Hand Bone), Springfield, Ohio
Bell C. S. Co. ("Don" Hand Bone), Hillsboro, Ohio
Brown A. & F. Co. ("Cogswell"), 79 Barclay, New York.
Campbell P. F., 51 Laurel, Phila., Pa.
Dempwolf C. H. & Co., York, Pa.
Ertel Geo. Co., Quincy, Ill.
Excel Mfg. Co., Pottersville, N. J.
Flynn & Emrich Co., 305 N Holliday, Baltimore, Md.
Freeman Mfg. Co., ("Freeman" Hand Bone), Racine, Wis.
Gray Iron Casting Co. (Dry Bone Grinders), Springfield, Ohio
Hobart Mfg. Co. ("Hobart" Electric & Gasoline), Troy, Ohio
Holmes & Blanchard Co., 31 State, Boston, Mass.
Humphrey & Sons, Joliet, Ill.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
Mann F. W. Co. ("Mann's"), Milford, Mass.
Messinger Mfg. Co. (Hand Bone), Tatamy, Pa.
Miller L. J. ("Nonpareil" Bone), Cincinnati, Ohio
Mountville Mfg. Co. ("Reliable" Hand Bone), Mountville, Pa.
Pennsylvania Crusher Co., Stephen Girard bldg, Phila., Pa.
Pratt Wm. E. Mfg. Co. ("Adams"), 35 W Lake, Chicago, Ill.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
Sackett A. J. cor 4th av & 1st, Baltimore, Md.
Standard Bone Cutter Co., Milford, Mass.
Stearns E. C. & Co. ("Mann's Improved") ("Stearns"), 450 Oneida, Syracuse, N. Y.
Stover Mfg. Co. ("Stover"), Freeport, Ill.
Stratton Mfg. Co. ("Dandy"), Erie, Pa.
Williams Patent Crusher & Pulverizer Co., 813 Montg, St. Louis, Mo.
WILSON BROS. (Hand & Power Bone), Easton, Pa. *See adv index at end of book*

Mills (Boring & Turning, Vertical)

See Boring & Turning Machines, Vertical

9768— Mills (Brass Cinder)

Sly W. W. Mfg. Co., 4700 Train av, Cleveland, Ohio
Standard Equipment Co., New Haven, Conn.

9769— Mills (Buhr Stone)

Barnard & Leas Mfg. Co. (French Buhr), Moline, Ill.
BARTLETT C. O. & SNOW CO. (Vertical & Horizontal), French st, Cleveland, Ohio
See adv index at end of book
Blymyer Iron Works Co., Cincinnati, Ohio
Campbell P. F., 51 Laurel, Phila., Pa.
CROSSLEY MACHINE CO., State & Chestnut av, Trenton, N. J.
See adv index at end of book
Ehrsam J. B. & Sons Mfg. Co. (Vertical), Enterprise, Kans.
Holmes & Blanchard Co., 31 State, Boston, Mass.
Kent Machine Works, 37 Gold, Brooklyn, N. Y.
New Winona Mfg. Co. ("Diamond" French), Winona, Minn.
Nordyke & Marmon Co. (All Kinds), 1290 Kentucky av, Indianapolis, Ind.
Patterson Foundry & Machine Co., East Liverpool, O.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
Simpson-Orville Co., Cincinnati, Ohio
Sprout Waldron & Co. ("Monarch," All Kinds), Muncy, Pa.
Starr B. F. Co. (For Flour & Corn Mills), Guilford av & Center, Baltimore, Md.
Walker & Elliott, 2d & Lombard, Wilmington, Del.

Mills (Car Wheel Boring)

See Boring Machines, Car Wheel

9770—Mills (Charcoal Grinding)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
Abbe Paul O., 30 Broad, New York
Brown A. & F. Co. ("Cogswell"), 79 Barclay, New York
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
Pennsylvania Crusher Co., Stephen Girard bldg, Phila., Pa.
Stroud E. H. & Co., 928-934 Fullerton av, Chicago, Ill.
Wilson Bros., Easton, Pa.
See adv index at end of book

9771— Mills (Chaser)

American Clay Machinery Co., S Walnut, Bucyrus, Ohio
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
THROPP'S JNO. E. SONS CO., ft of Lewis, Trenton, N. J.
See adv index at end of book

9772— Mills (Chilian)

ALLIS-CHALMERS MFG. CO. (Pulverizing), Milwaukee, Wis.
See adv index at end of book
Currier Cyrus & Sons, 365 Market, Newark, N. J.
Dillon-Box Iron Works Co., Denver, Col.
Hallidie Co. (Slow Speed), Spokane, Wash.
Lane Mill & Machinery Co., Los Angeles, Cal.
Traylor Engineering & Mfg. Co., Allentown, Pa.
Wellman-Seaver-Morgan Co. ("Akron"), Cleveland, Ohio
WORTHINGTON PUMP & MACHY. CORP. ("Evans-Waddell"), 115 B'way, New York *See adv index at end of book*

9773— Mills (Chlorination)

Worthington Pump & Machy Corp., 115 B'way, New York
See adv index at end of book

9774—Mills (Cider & Cider Presses)

Ames Plow Co., Quincy Hall, Boston, Mass.
American Seeding Machine Co. ("Buckeye" Mills), Springfield, Ohio
Bushnell G. H. Press Co. (Presses), Thompsonville, Conn.
Cutaway Harrow Co., Higganum, Conn.
DUNNING & BOSCHERT PRESS CO., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Eagle Machine Co. (Presses), Lancaster, O.
Enterprise Mfg. Co. of Pa. (Fruit, Wine & Jelly Presses "Enterprise"), 3d & Dauphin, Phila., Pa.
Farquhar A. B. Co. (Ltd.), (Mills & Hydraulic Presses), York, Pa.
Freeman Mfg. Co., Racine, Wis.
Greenville Implement Co., Greenville, Mich.
Haish Jacob Co. (Presses), DeKalb, Ill.
Hench & Drongold Co., York, Pa.
Hydraulic Press Mfg. Co. (Hydraulic Presses), Mount Gilead, O.
Kelso & Co. (Presses), 559 W Quincy, Chicago, Ill.
Keystone Machine Co., York, Pa.
Lansing Co. (& Lard), Lansing, Mich.
Thomas Albright Co. (Hydraulic Presses), Goshen, Ind.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.
White's S. R. Sons ("Valley Chief", "Excelsior"), Norfolk, Va.
Whitman Agricultural Co. ("Monarch," "Americus," "Monitor," "Young America" Presses), 7000 S B'way, St. Louis, Mo.

Mills (Cinder)

See Mills, Water Cinder

9775— Mills (Cocoa)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
Abbe Paul O., 30 Broad, New York
Bauer Bros. Co., Bauer bldg, Springfield, O.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.

9776—Mills (Coffee or Spice)

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
Abbe Paul O., 30 Broad, New York
Angldile Computing Scale Co., Elkhart, Ind.
Arcade Mfg. Co. ("Crystal" & 70 Other Varieties of Family Coffee Mills), Freeport, Ill.

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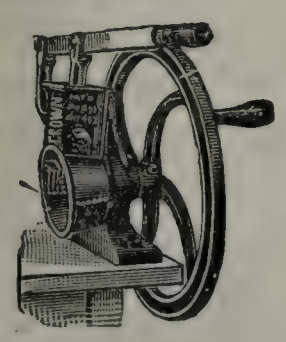

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Bay Gottfried, 537 W 50th, New York
Brecht Co. ("Brecht" Spice), 1201 Cass av, St. Louis, Mo.
Brown A. & F. Co. ("Cogswell," for Spices Only), 79 Barclay, New York.
Burns & Sons, Jabez (Grinders & Roasters), 600 W 43rd, New York
Campbell P. F. (Grocers' & Horse Power) 51 Laurel, Phila., Pa.
Clawson Mach. Co., Flagtown, N. J.
Coles Mfg. Co. (Hand & Electric), 1625 N 23d, Phila., Pa.
Computing Scale & Fixture Co., 303 E 4th, Cincinnati, O.
Crescent Mfg. Co. ("Crescent" Box & Wall), Louisville, Ky.
Deer A. J. Co. (Electric), Hornell, N. Y.
Electric Cut Mfg. Co. (Coffee Mills), Canton, O.
Enterprise Mfg. Co. (of Pa.), ("Enterprise" Hand & Electric Power), 3d & Dauphin, Phila., Pa.
Geddes James & Co. (Electric Coffee), 353 Market, San Francisco, Cal.
Hamilton-Beach Mfg. Co. ("Steel-Kut" Coffee), Racine, Wis.
Hobart Mfg. Co. ("Hobart" Electric & Gasoline Coffee Mills), Troy, O.
Holwick B. C., Canton, O.
Howe Scale Co. (Electric), Rutland, Vt.
Huntley Mfg. Co., Silver Creek, N. Y.
Landers, Frary & Clark ("Crown," "Universal" & "Regal" Coffee Mills), New Britain, Conn.
Lane Bros. Co. ("Swift" Electric), Poughkeepsie, N. Y.
Master Cutter Mach. Co., North av, Oakley, Cincinnati, O.
Mirroscope Co. ("Monitor," "None Such"), Cleveland, O.
National Specialty Mfg. Co., Lehigh av & 3d, Phila., Pa.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Parker Chas. Co. (Store & Household use), Meriden, Conn.
Peck, Stow & Wilcox Co., Southington, Conn.
Ross Chas. & Son Co. (Spice), 148 Classon av, Brooklyn, N. Y.
Silver & Co. ("Silver"), 304 Hewes, Brooklyn, N. Y.
Smith's Jno. E. Sons Co. (Spice Mills), Buffalo, N. Y.
Steiner Mfg. Co. ("Steiner" Electric), 4100 N 21st, St. Louis, Mo.
Steinfeld Bros. ("Steinfeld," "Eclipse" Glass Canister), 116 W 32d, New York
Stimpson Scale & Electric Co. (Grocers' Hand & Electric Power), Northville, Mich.
Sun Mfg. Co. ("Sun" Family Coffee Mills), Columbus, O.
Troemner Henry, 911 Arch, Philadelphia, Pa.
Waddell Co., Greenfield, O.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.
Wilson Bros., Easton, Pa.
See adv index at end of book
Woodruff & Edwards Co. ("Elgin National"), Elgin, Ill.
Wrightville Hardware Co. ("Premier," "Peerless," "Perfect," "Queen," "Diamond," "Acme," "American Beauty" & "Brighton Star," all one pound Wall Mills; also "Colonial," "Brighton," "Sterling," "Excelsior," "Century," "L & S," Side Mills; "Brighton," "Domestic" & "Monarch" Hand or Power Spice & Corn Mills), Wrightsville, Pa.

9777— Mills (Cold Rolling)

Blake & Johnson Co. (For Flattening Wire), 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book
National Roll & Foundry Co., Avonmore, Pa.
Standard Machinery Co., Providence, R. I.

Mills (Concentrating)

See Mills, Stamp

Mills (Conical)

See Mills, Grinding & Crushing

9778-9— Mills (Continuous)

See also Rolling Mills, Continuous
Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book

9780— Mills (Corn & Cob)

Abbe Paul O., 30 Broad, New York
ALLIS-CHALMERS MFG. CO. (Corn Mills), Milwaukee, Wis.
See adv index at end of book
American Corn Mill Co., Winston-Salem, N. C.
Appleton Mfg. Co. ("American," "Tornado," "Cyclone"), Batavia, Ill.
Associated Mfrs. Co. ("Amanco"), Waterloo, Ia.
Baker Mfg. Co. ("Monitor"), Evansville, Wis.
Barnard & Leas Mfg. Co., Moline, Ill.
Barry & Zecher Co. ("B. & Z." "Eureka"), Lancaster, Pa.
BARTLETT C. O. & SNOW CO., French St., Cleveland, O.
See adv index at end of book
Bauer Bros. Co. ("Scientific" Belt & Sweep Power), Bauer bldg, Springfield, O.
Bell C. S. Co. ("Acme," "Monitor," "Dandy," "Omego" Power), Hillsboro, O.
Blymyer Iron Works Co., Cincinnati, O.
Bovee Furnace Works ("Four Burr"), Waterloo, Ia.
Bowsher N. P. Co. (Combination), South Bend, Ind.
Brown A. & F. Co. ("Cogswell"), 79 Barclay, New York. Works: Elizabeth, N. J.
Burgess & Norton Mfg. Co. ("Kenyon" Corn Crushers), Geneva, Ill.
Case Crane & Engineering Co. (Corn), Columbus, O.
Challenge Co., Batavia, Ill.
Chapman H. L. Marcellus, Mich.
Children's E. Sons Mfg. Co. ("Hawkeye"), Council Bluffs, Ia.
Cole R. D. Mfg. Co., Newman, Ga.
Dain Mfg. Co., Ottumwa, Ia.
De Loach Mill Mfg. Co., Bridgeport, Ala.
Duplex Mfg. Co. ("Jewell," "Superior"), Superior, Wis.
Duplex Mill & Mfg. Co. ("Kelly," "Duplex," 2 to 20 H. P.), Springfield, O.
Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.
Engelberg Huller Co., Syracuse, N. Y.
Excel Mfg. Co., Pottersville, N. J.
Excelsior Foundry Co., Belleville, Ill.
Freeman Mfg. Co., Racine, Wis.
Gade Bros. Mfg. Co. ("Rankin"), Iowa Falls, Ia.
Gray Iron Casting Co. ("Bayley"), Springfield, O.
Great Western Mfg. Co. (Corn Only), Leavenworth, Kans.
Gruendler Patent Crusher & Pulverizer Co. (Ear Corn), 928 Main, St. Louis, Mo.
Harriman Mfg. Co., Harriman, Tenn.
Ideal Gas Engine Co. ("Ideal"), Independence, Ia.
International Harvester Company of America (Inc.), Harvester Building, Chicago
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
Keystone Machine Co., York, Pa.
Lafayette Corn Flour Mills, Lafayette, Ind.
Lassiter C. J., Raleigh, N. C.
Lennox Machine Co. ("Lennox"), 2558 W 16th, Chicago, Ill.
Letz Mfg. Co. ("Bull Dog" Combine), Crown Point, Ind.
Litchfield Mfg. Co., Waterloo, Ia.
Marseilles Co. ("Advance," "Marseilles," "Workwell"), East Moline, Ill.
Miller L. J. ("Nonpareil"), Cincinnati, O.
Munson Mill Machinery Co. (Corn), Utica, N. Y.
New Holland Machine Co. ("New Holland"), New Holland Pa.
New Winona Mfg. Co. ("Diamond," "Big Iowa"), Winona, Minn.
Nordyke & Marmon Co. ("Harrison"), 1290 Kentucky av, Indianapolis, Ind.
Perkins Wind Mill Co., Mishawaka, Ind.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Robinson Mfg. Co. ("Iron Clad" Corn Ear Crusher), Muncy, Pa.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
Rumely Leo Tractor Co. ("Rainbow"), La Porte, Ind.
Sandwich Mfg. Co. ("Reliance"), Sandwich, Ill.
Savage W. J. Co. (Corn), Knoxville, Tenn.
Smalley Mfg. Co., Manitowoc, Wis.
Spartan Mfg. Co. ("Corn Belt"), Pontiac, Ill.
Sprout, Waldron & Co. ("Monarch," All Kinds), Muncy, Pa.
Sterling Mfg. Co. ("Sterling"), Sterling Ill.
Stover Mfg. Co. ("Ideal," Power Mills), Freeport, Ill.
Straub A. W. Co. (Quaker City), Phila., Pa.
Strong-Scott Mfg. Co. ("Northway" Power), 413 S 3rd, Minneapolis, Minn.
Superior Mfg. & Mill Co., Springfield, O.
Turner Mfg. Co. ("Simplicity"), Port Washington, Wis.
Union Fdry. & Machine Co. ("Union Giant"), Ottawa, Kans.
U. S. Wind Engine & Pump Co. (Ultimatum), Batavia, Ill.
Whitehurst R. W. Mfg. Corp. (Corn), Norfolk, Va.
Whitman Agricultural Co. (Horse & Power), 7000 S B'way, St. Louis, Mo.
Williams Patent Crusher & Pulverizer Co., 813 Montg., St. Louis, Mo.
WILSON BROS., Easton, Pa.
See adv index at end of book
Wolf & Co. ("Hercules," "Wolf," "Bison" & "Mammoth"), Chambersburg, Pa.

9780a—*Mills (Corn & Graham)

WILSON BROS. (Hand & Power), Easton, Pa. *See adv index at end of book*

9781— Mills (Cyanide)

ABBE ENGINEERING CO., 220 Broadway, New York
See adv index at end of book
ALLIS-CHALMERS MFG. CO., (Gold & Silver Mining), Milwaukee, Wis.
See adv index at end of book
Arizona & Sonora Mfg. Co., Nogales, Ariz.
Chalmers-Williams Mfg. Co., 1461 Arnold, Chicago Heights, Ill.
Denver Engineering Works Co., Denver, Colo.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book
Traylor Engng. & Mfg. Co., Allentown, Pa.
Worthington Pump & Machy Corp., 115 B'way, New York
See adv index at end of book

Mills (Disintegrating)

See Disintegrators

9782-3— Mills (Drug)

ABBE ENGINEERING CO., 220 Broadway, New York
See adv index at end of book
Abbe Paul O., 30 Broad, New York
Alsing J. R. Co., 75 Guernsey, B'klyn, N. Y.
Bauer Bros. Co., Bauer bldg, Springfield, O.
Bay Gottfried, 537 W 50th, New York
Brown A. & F. Co. ("Cogswell"), 79 Barclay, New York
Campbell P. F., 51 Laurel, Phila., Pa.
Colton Arthur Co., Jefferson & Chene, Detroit, Mich.
CROSSLEY MACHINE CO., State & Chestnut av, Trenton, N. J.
See adv index at end of book
Day J. H. Co., Cincinnati, O.
Enterprise Mfg. Co. of Pa., 3d & Dauphin, Phila., Pa.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
Landers, Frary & Clark, New Britain, Conn.
Lane Bros. Co. ("Swift"), Poughkeepsie, N. Y.
MEAD & CO., 19th & M. C. R. R., Detroit, Mich.
National Specialty Mfg. Co., 3d & Lehigh av, Philadelphia, Pa.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Parker Chas. Co., Meriden, Conn.
Patterson Foundry & Machine Co., E Liverpool, O.
Prosser Thos. & Son ("Krupp" Imp) 15 Gold, New York

Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
Sprout, Waldron & Co., Muncy, Pa.
Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.
Straub A. W. Co., 3737 Filbert, Phila., Pa
Watervile Fdry. & Mfg. Co., Waterville N. Y.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.
Wilson Bros. ("Assayers"), Easton, Pa.
See adv index at end of book

9784— Mills (Dye Stuff)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
Abbe Paul O., 30 Broad, New York
Brown A. & F. Co. ("Cogswell"), 79 Barclay, New York
Excel Mfg. Co., Pottersville, N. J.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.

9785— Mills (Emery Rock)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
Sprout, Waldron & Co. ("Monarch"), Muncy, Pa.

9786— Mills (End)

See also Cutters, Milling

Barber-Colman Co., Loomis st, Rockford, Ill.
BECKER MILLING MACHINE CO. (Spiral Fluted, etc.), Hyde Park, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Cleveland Milling Machine Co., 18511 Euclid av, Cleveland, O.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Detroit Twist Drill Co., 555 Fort, Detroit, Mich. *See adv index at end of book*
Lincoln Williams Twist Drill Co., Taunton, Mass.
Morse Twist Drill & Machine Co. (With Center Cut & With Spiral Flutes, etc.). New Bedford, Mass.
NATIONAL TOOL CO., Cleveland, O.
See adv index at end of book
National Twist Drill & Tool Co. ("National," with Spiral Flutes, etc.), Detroit, Mich.
Porter-Cable Machine Co. (Straight Shank), Syracuse, N. Y.
Pratt & Whitney Co. (Center Cut, Shell & Taper Shank), Hartford, Conn.
Precision Tool Co., Canton, O.
Standard Tool Co. (Straight Fluted, Spiral & Center Cut), 6900 Central av, Cleveland, O.
Thurston Mfg. Co., 140 Benedict, Providence, R. I.
Union Twist Drill Co., Athol, Mass.

9787—Mills (Exhaust Tumbling)

Central Foundry Supply Co., P. O. box 945, Columbus, O.

9788— Mills (Fanning)

American Grain Separator Co. ("X-L"), Erie & S E Essex, Minneapolis, Minn.
Ames Plow Co., Quincy Hall, Boston, Mass.
Avery Mfg. Co., Peoria, Ill.
Belcher & Taylor Agric. Tool Co. ("Johnson"), Chicopee Falls, Mass.
Brinly Hardy Co., Louisville, Ky.
Bristol & Gale Co. ("B & G"), 158 Carroll av, Chicago, Ill.
Buch's A. Sons Co. ("Pennsylvania"), Elizabethtown, Pa.
Cleland Mfg. Co. ("Cleland Special," "Expert"), 2800 Washington av, N, Minneapolis, Minn.
Dickey A. P. Mfg. Co. ("Dickey," "Improved Excelsior," "Little Giant," "Young Giant"), Racine, Wis.
Ferrell A. T. & Co. ("Clipper"), Saginaw, Mich.
Fosston Mfg. Co. ("Fosston"), 473 Cleveland, St. Paul, Minn.
Foster & Williams Mfg. Co. ("Badger State"), Racine, Wis.
Freeman Mfg. Co. ("Centennial"), Dept. O., Racine, Wis.
Genesee Valley Mfg. Co., Mt. Morris, N. Y.
Griffith & Turner Co. ("Owens"), 215 N Paca, Baltimore, Md.
Harder Mfg. Co., Cobleskille, N. Y.
Harriman Mfg. Co., Harriman, Tenn.
Hirsch Bros. ("Webber"), 267 Reed, Milwaukee, Wis.
Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co., Silver Creek, N. Y.
Johnson & Field Mfg. Co. ("Canton," "Clipper," "Eclipse," "Excelsior," "Farmers' Favorite," "Mt. Hood," "Peerless," "Perfection," "Racine"), Racine, Wis.
Kingman & Co., Peoria, Ill.
Linihan M. E., Kalamazoo, Mich.
Manson Campbell & Sons Co., Kansas City, Mo.
Marseilles Co. ("Pease"), East Moline, Ill.
Messinger Mfg. Co., Tatamy, Pa.
Nagley Mfg. Co. ("Lyons"), Lyons, N. Y.
Owatonna Fanning Mill Co. ("Owatonna"), Owatonna, Minn.
Owens J. L. Co. ("Champion," "Dakota," "New Superior"), Fulton & S E Huron, Minneapolis, Minn.
Racine Implement Co. ("Belle City"), Racine, Wis.
Rumley Leo Tractor Co. ("Rainbow"), La Porte, Ind.
Success Seed Grader Co., Spokane, Wash.
Twin City Separator Co. ("Bonanza," "Hero," "Success"), 29th & Colfax av, S, Minneapolis, Minn.
Vaughn Mfg. Co., Morris, Minn.
Weber Mfg. Co., Rockton, Ill.

9789—*Mills (Fanning-Sieves & Screens)

ERDLE PERFORATING CO., 181 York, Rochester, N. Y.
See adv index at end of book

9790— Mills (Feed Grinding)

Abbe Engng. Co., 220 B'way, New York *See adv index at end of book*
Abbe Paul O., 30 Broad, New York
Aermotor Co., 1146 S Campbell av, Chicago, Ill.
ALLIS-CHALMERS MFG. CO., (Farm, Grist, Belt, Hand, Horse Powers, Sweep), Milwaukee, Wis.
See adv index at end of book
Althouse-Wheeler Co., Waupum, Wis.
Appleton Mfg. Co. ("Appleton," "Hero," "American"), Batavia, Ill.
Associated Mfrs. Co., Waterloo, Ia.
Baker Mfg. Co., Evansville, Wis.
Barnard & Leas Mfg. Co. ("Barnard's" Ball Bearing, Belt Power, etc), Moline, Ill.
Bauer Bros. Co., Bauer bldg, Springfield, O.
Bayley Wm. Co., Springfield, Ohio
BEACH-RUSS CO ("Abbe"), 220 B'way, New York *See adv index at end of book*
Bell C. S. Co. ("Monitor," "Rapid," "Hercules" Ball Bearing), Hillsboro, Ohio
Blue Valley Mfg. Co., Manhattan, Kan.
Blymyer Iron Works Co., Cincinnati, Ohio
Bovee Furnace Works, Waterloo, Iowa
Bowsher N. P. Co. (Combination), South Bend, Ind.
Brinly Hardy Co., Louisville, Ky.
Bristol & Gale Co., 158 Carroll av, Chicago, Ill.
Brown A. & F. Co., 79 Barclay, New York.
Challenge Co. ("Challenge"), Batavia, Ill.
Chamberlain Machine Works, Waterloo, Ia.
Children's E. Sons Mfg. Co., Council Bluffs, Iowa
Cooper A. A. Wagon & Buggy Co., Dubuque, Iowa
Currie Wind Mill Co., Topeka, Kans.
Dain Mfg. Co., Ottumwa, Iowa
Decatur Foundry, Furnace & Machine Co., Decatur, Ind.
Dempster Mill Mfg. Co., Beatrice, Neb.
Duplex Mfg. Co., Station "B," Superior, Wis.
Duplex Mill & Mfg. Co. ("Kelly," "Duplex" 2 to 20 H. P.), Springfield, O.
Dutton E. Q. & Co., Cato, N. Y.
Eagle Machine Co., Lancaster, Ohio
Elgin Wind Power & Pump Co., Elgin, Ill.
Emerson-Brantingham Co. ("Geiser Peerless" Belt Power), Rockford, Ill.
Eureka Fence Mfg. Co., Richmond, Ind.
Excel Mfg. Co., Pottersville, N. J.
Fairbanks Morse & Co., 900 S Wabash av, Chicago, Ill.
Farmers' Cement Tile Machine Co., St. Johns, Mich.
Fort Worth Well Machy. & Supply Co., Fort Worth, Tex.
Globe Foundry & Machine Co., Sheboygan, Wis.
Great Western Mfg. Co., Leavenworth, Kans.
Gray Iron Casting Co., Springfield, Ohio
Hamachek Frank ("Giant"), Kewaunee, Wis.
Harriman Mfg. Co., Harriman, Tenn.
Heebner & Sons, Lansdale, Pa.
Hercules Mfg. Co., Centerville, Iowa
Howell R. R. & Co., 31st av, Minneapolis, Minn.
International Harvester Company of America (Inc.), Harvester bldg, Chicago
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
Jenkins Hay Rake & Stacker Co., Chillicothe, Mo.
Kaestner & Hecht Co. (Inc.), 500 Throop, Chicago, Ill.
Kansas City Hay Press Co., Kansas City, Mo.
Keystone Machine Co., York, Pa.
Lansing Motor & Pump Co., Lansing, Mich.
Letz Mfg. Co., Crown Point, Ind.
Litchfield Mfg. Co., Waterloo, Iowa
Marseilles Co., East Moline, Ill.
Martin M. R., St. Louis Park, Minn.
Messinger Mfg. Co., Tatamy, Pa.
Miller L. J., Cincinnati, Ohio
Moore, Given Co. ("Moore"), Spring Valley, Ill.
Moore Plow & Implement Co., Greenville, Mich.
Munson Mill Machinery Co., Utica, N. Y.
New Winona Mfg. Co. ("Diamond"), Winona, Minn.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Noye Bros. Co., Buffalo, N. Y.
Patch A. H., Clarksville, Tenn.
Perkins Wind Mill Co., Mishawaka, Ind.
Phelps & Bigelow Wind Mill Co., Kalamazoo, Mich.
Quick & Thomas Co., Auburn, N. Y.
Red Chief Mfg. Co. ("Red Chief"), Louisville, Ky.
Rippley Mfg. & Steel Boat Co., Grafton, Ill.
Roberts Thos., Springfield, O.
Robinson Mfg. Co., Muncie, Pa.
Rock Island Mfg. Co., Rock Island, Ill.
Romick Mill Furnishing Co., Niles, Ohio
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
Sandwich Mfg. Co., Sandwich, Ill.
Silver Mfg. Co. (Sweet, Power), Salem, O.
Simpson-Orville Co., Cincinnati, O.
Smalley Mfg. Co., Manitowoc, Wis.
Smith & Pomeroy Windmill Co. ("Eureka"), Kalamazoo, Mich.
Spartan Mfg. Co. ("Corn-Belt"), Pontiac, Ill.
Sprout, Waldron & Co. ("Monarch," All Kinds), Muncy, Pa.
Star Mfg. Co. (Sweep & Belt Power), New Lexington, Ohio
Starr B. F. Co., Guilford av & Center, Baltimore, Md.
Sterling Mfg. Co., Sterling, Ill.
Stover Mfg. Co. ("The Ideal," also with Horse Power Combined), Freeport, Ill.
Straub A. W. Co., Phila., Pa.
Superior Mfg. & Mill Co., Springfield, Ohio
Swift Mfg. Co. ("Swift"), Waterloo, Iowa
Thornburgh Mfg. Co. (Triple Geared & Direct Acting Sweep), Bowling Green, Ohio
Turner Mfg. Co., Port Washington, Wis.
United Engine Co., Lansing, Mich.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Watts Mfg. Co., Jackson, Mich.
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.
Williams Patent Crusher & Pulverizer Co., 813 Montg., St. Louis, Mo.
WILSON BROS., Easton, Pa.
See adv index at end of book
Wisconsin Farm Implement Co. ("Wisconsin"), Beloit, Wis.
Wolf Co. ("Bowsher," "Jumbo," "Wolf" & "Tiger Combination"), Chambersburg, Pa.
Wood Walter A. Mowing & Reaping Machine Co., Hoosick Falls, N. Y.
Worthington Pump & Mach'y Corp. (Oil Engine Driven), 115 B'way, New York
See adv index at end of book
Ypsilanti Machine Works, Ypsilanti, Mich.

9791—*Mills (Flour, Cereal Roller)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
See adv index at end of book

9792— Mills for Enamel

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
Abbe Paul O., 30 Broad, New York
Ross Chas. & Son Co. ("Eccentric"), 148 Classon av, Brooklyn, N. Y.

9793-4—*Mills for Grinding Chemicals

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
Jeffrey Mfg. Co., 961 N 4th, Columbus, O. *See adv index at end of book*
MEAD & CO., 19th & M C R R, Detroit, Mich.

9795— Mills (Glaze)

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
American Clay Machinery Co. (Under Gear), S Walnut, Bucyrus, O.

9796—*Mills (Gold & Silver)

ALLIS-CHALMERS MFG. CO. ("Chilian"), Milwaukee, Wis.
See adv index at end of book

9797—Mills (Grinding & Crushing)

See also Machinery, Pulverizing

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
Abbe Paul, O., 30 Broad, New York
Acton John, 118 John, Brooklyn, N. Y.
American Clay Machinery Co. (Glaze & Color Grinding), S Walnut, Bucyrus, O.
BARTLETT C. O. & SNOW CO., French St., Cleveland, O.
See adv index at end of book
Bauer Bros. Co., Bauer bldg, Springfield, O.
Bay Gottfried 537 W 50th, New York
BEACH-RUSS CO. ("Abbe"), 220 B'way, New York *See adv index at end of book*
Braddock Manufacturing Co., Braddock, Pa.
Bradley Pulverizer Co. ("Griffin," "Bradley Three Roll," "Bradley Hercules" for grinding only), 92 State, Boston, Mass.
Brainard Crusher-Pulverizer Co., Old Colony bldg, Chicago, Ill.
Brown A. & F. Co. ("Cogswell"), 79 Barclay, New York.
Campbell P. F. (For Drugs, Fertilizers, Whiting, etc), 51 Laurel, Phila., Pa.
Carey Samuel (Salt), 17 State, New York
Chalmers-Williams Mfg. Co., 1461 Arnold, Chicago Heights, Ill.
CROSSLEY MACHINE CO., State & Chestnut av, Trenton, N. J.
See adv index at end of book
Day J. H. Co. ("Day's" (Salt) Little Giant, for Soft Ores, Clays, Dry Colors, etc.), Cincinnati, O.
Denver Engineering Works Co., Denver, Colo.
Excel Mfg. Co., Pottersville, N. J.
Fuller-Lehigh Co. ("Fuller-Lehigh" for Cement, Ore, Rock, etc.), Fullerton, Pa.
Gray Iron Casting Co., Springfield, O.
Gump B. F. Co. (Flour, Drug, Chicory, etc.), 43 S Clinton, Chicago, Ill.
Hardinge Conical Mill Co. (Conical), 120 Broadway, New York
Ivens Wm. H. Sons Co. (for Terra Cotta, Pottery & Marble Workers, for Grinding Only), P. O. Box 647, Trenton, N. J.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O. *See adv index at end of book*
Johnson Engineering Works ("Johnson," Marathon Multiple Roll Grinding or Tube Mill), 38 S Dearborn, Chicago, Ill.
Kaestner & Hecht Co. (Inc.), (Portable), 500 Throop, Chicago, Ill.
Kent Machine Works, 39 Gold, Brooklyn, N. Y.
Kent Mill Co., 10 Rapelyea, Brooklyn, N. Y.
Lane G. W. & C. A., Exeter, N. H.
MACHINERY WAREHOUSE & SALES CO. Old Colony bldg., Chicago, Ill.
See adv index at end of book
Manitowoc Engineering Works, Manitowoc, Wis.
MEAD & CO., 19th & M C R R, Detroit, Mich.
Midland Crusher Pulverizer Co. ("Brainard"), 37 W Vanburen, Chicago, Ill.
Miller L. J. (Bone, Grain, Salt, Oil Cake, etc.), Cincinnati, O.
Moyle E. H. Engineering & Equipment Co., Los Angeles, Cal.
Nebel M. A., 72 Grand av, Brooklyn, N. Y.
Newell Mfg. Co., 149 B'way, New York
Nordyke & Mormon Co. (Roller & Buhr Stone), 1290 Kentucky av, Indianapolis, Ind.
Noye Bros. Co., Buffalo, N. Y.
Patterson Fdry & Mach. Co., E. Liverpool, O.
Pennsylvania Crusher Co., Stephen Girard bldg., Phila., Pa.
Prosser Thos. & Son ("Krupp" Imp.), 15 Gold, New York
Raymond Bros. Impact Pulverizer Co., 1319 N Branch, Chicago, Ill.
Ross Chas. & Son Co. (French Buhr), 148 Classon av, Brooklyn, N. Y.
Simpson-Orville Co., Cincinnati, O.
Smith Theo. & Sons Co., Ft. Essex, Jersey City, N. J.
Sprout, Waldron & Co. (Paint, Cement, Casein, Phosphate, Fuller's Earth, Cottonseed Oil Cake, etc), Muncy, Pa.
Standard Equipment Co. (For Cinders, Ore, Glass, Soft Rock, Coal, Cement, Slag, Skimmings, Sweepings, etc.), New Haven, Conn.
Starr B. F. Co. (For Flour & Corn Mills), Guilford av & Center, Baltimore, Md.
Stearns-Roger Mfg. Co., Denver, Colo.
Stedman's Foundry & Machine Works, Aurora, Ind.
Stroud E. H. & Co., 928-934 Fullerton av, Chicago, Ill.
Sturtevant Mill Co. (Cement, Lime, Paint, etc), Clayton & Park, Dorchester, Boston, Mass.
THROPP'S JNO. E. SONS CO., ft. of Lewis, Trenton, N. J.
See adv index at end of book
Turner Vaughn & Taylor Co., Cuyahoga Falls, O. *See adv index at end of book*
United Iron Works Co. ("Emerick" Cement), Kansas City, Mo.
Walker & Elliott (Fertilizer, Cement, Phosphate, etc.), 2nd & Lombard, Wilmington, Del
Waterville Foundry & Mfg. Co. (Paint, etc, Hand & Power), Waterville, N. Y.
Williams Patent Crusher & Pulverizer Co., 813 Montg, St. Louis, Mo.
WILSON BROS. (Bone), Easton, Pa.
See adv index at end of book
Wolf Co., Chambersburg, Pa.
Worthington Pump & Machy. Corp. (Machinery), 115 B'way, New York
See adv index at end of book

9798—Mills (Grist, Hand Power)

Bayley Wm. Co., Springfield, O.
Rock Island Mfg. Co., Rock Island, Ill.
Root-Heath Mfg. Co. ("Rapid" & "Korn King"), Plymouth, O.

Mills (Hay Grinding)

See Mills, Feed Grinding

9799— Mills (Hollow)

See also Mills, Adjustable Hollow

Brown & Sharpe Mfg. Co. (With Inserted Blades. etc.). Providence, R I.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Geometric Tool Co. ("Geometric," "Adjustable"), New Haven, Conn.
Morse Twist Drill & Machine Co., New Bedford, Mass.
National Tool Co. (Adjustable Solid, Cleveland, O. *See adv index at end of book*
Pratt & Whitney Co., Hartford, Conn.
Rogers Jno. M. Works, Gloucester City, N. J.
Standard Tool Co., 6900 Central av, Cleveland, O.

9800— Mills (Huntington)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book
Mine & Smelter Supply Co., 42 B'way, New York
Walker Mfg. Co., Denver, Col.
Worthington Pump & Mach'y Corp., 115 B'way, New York
See adv index at end of book

9801— Mills (Ink Grinding)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
Abbe Paul, 30 Broad, New York
Black-Clawson Co., Hamilton, O.
Day J. H. Co., Cincinnati, O.
Kent Machine Works, 39 Gold, Brooklyn, N. Y.
Ross Chas. & Son, 148 Classon av, Brooklyn, N. Y.

Mills (Iron Cinder)

See Mills, Water Cinder

9802— Mills (Jar)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
Abbe Paul O., 30 Broad, New York
Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.

9803—Mills (Kaffir Corn & Milo Maize)

Bauer Bros. Co., Bauer bldg, Springfield, O.
Bowsher N. P. Co. ("Bowsher" Combination), South Bend, Ind.
Letz Mfg. Co., Crown Point, Ind.
Stover Mfg. Co., Freeport, Ill.
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.
Wolf Co., Chambersburg, Pa.

9804-5— Mills (Laboratory)

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
Abbe Paul O., 30 Broad, New York
Day J. H. Co., Cincinnati, O.
Jeffrey Mfg. Co., 961 No 4th, Columbus, O. *See adv index at end of book*

9806— Mills (Malt)

American Malting Co., 120 B'way, New York
Aue Ferdinand Co. (Non-Explosive), 401 E 91st, New York
Barnard & Leas Mfg. Co., Moline, Ill.
Freund H. H. ("S. B. B. Universal," Imported), 154 W 18th, New York
Hehle B., Malt Milling System Co., Gerke bldg, Cincinnati, O.
Kaestner & Hecht Co. ("Kaestner" Non-Explosive), 500 Throop, Chicago, Ill.
Kam John, Malting Co., 377 Genesee, Buffalo, N. Y.
Meyer Geo. J. Malting Co., 1316 Niagara Buffalo, N. Y.
New York Mills (Roasting), 458 Greenwich, New York
Olsen & Tilgner Mfg. Co. (All Iron Non-Explosive), 2280 Elston av, Chicago, Ill.
Schock Gustav & Son, 514 W 57th, New York
Schurill Albert & Co., Traders bldg, Chicago, Ill.
U. S. Malt Co. (Roasted & Carmelized in solid or liquid form), 309 Broadway, New York

9807— Mills (Mustard)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
Abbe Paul O., 30 Broad, New York
Bay Gottfried, 537 W 50th, New York
Kelso & Co., 557 W Quincy, Chicago, Ill.
Nordyke & Marmon Co., 1290 Kentucky av. Indianapolis, Ind.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.

9808— Mills (Nut Grinding)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
Abbe Paul O., 30 Broad, New York

9809— Mills (Oil Cake)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
Abbe Paul O., 30 Broad, New York
Bauer Bros. Co. ("Scientific" Grinding), Bauer bldg., Springfield, O.
Brown A. & F. Co. ("Cogswell"), 79 Barclay, New York

Buckeye Iron & Brass Works, Dayton, O.
Campbell P. F., 51 Laurel, Phila., Pa.
Cardwell Machine Co., 1900 E Cary, Richmond, Va.
Excel Mfg. Co., Pottersville, N. J.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
McLaughlin Geo. T. Co., 120 Fulton, Boston, Mass.
Murray Co., Dallas, Texas
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Robinson Mfg. Co., Muncy, Pa.
Sprout, Waldron & Co. ("Monarch" Attrition & French Buhr), Muncy, Pa.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

9810— Mills (Ore Sampling)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
Abbe Paul O., 30 Broad, New York
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
See adv index at end of book
Denver Quartz Mill & Crusher Co., Denver, Colo.
Dillon-Box Iron Works Co., Denver, Col.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
Walker Mfg. Co., Denver, Col.

Mills (Paint Grinding)

See Paint Grinding & Mixing Machinery

Mills (Pebble Tube)

See Mills, Ball & Pebble

9811— Mills (Plate Rolling)

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Mackintosh-Hemphill & Co., Pittsburgh, Pa.
Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book
MORGAN ENGINEERING CO., Alliance, Ohio *See adv index at end of book*
National Roll & Foundry Co., Avonmore, Pa.
United Engineering & Foundry Co., 307 5th av, Pittsburgh, Pa.

9812— Mills (Prospecting)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
Worthington Pump & Mach'y Corp., 115 B'way, New York
See adv index at end of book

9813— Mills (Pug)

American Clay Machinery Co., S Walnut, Bucyrus, O.
Anderson Foundry & Machine Works, Anderson, Ind.
Arbuckle & Co., Rushville, Ind.
Arnold-Creagor Co., New London, O.
BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
Bonnot Co., Canton, O.
Brewer H. & Co., Tecumseh, Mich.
Chambers Bros. Co., 52d, bel Lancaster av, Phila., Pa.
CROSSLEY MACHINE CO. (Sagger Presses), State & Chestnut av, Trenton, N. J. *See adv index at end of book*
Freese E. M. & Co., Galion, O.
Phillips & McLaren, 24th & Smallman, Pittsburgh, Pa.
Potts C. & A. Co., Indianapolis, Ind.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
Steele J. C. & Sons, Statesville, N. C.
Stevenson Co., Wellsville, O.
United Iron Works Co., Kansas City, Mo.
Wallace Mfg. Co., Frankfort, Ind.
Wellington Machine Co., Wellington, O.

9814— Mills (Quartz)

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
Abbe Paul O., 30 Broad, New York
CROSSLEY MACHINE CO., State & Chestnut av, Trenton, N. J.
See adv index at end of book
Denver Engineering Works Co., Denver, Colo.
Denver Quartz Mill & Crusher Co., Denver, Colo.
Dillon-Box Iron Works Co., Denver, Colo.
Golding Sons Co., Trenton, N. J.
Hassell Iron Works Co., Colorado Springs, Col.
Hendy Joshua Iron Works ("Graupner," Central Feed Centrifugal Boiler), 75 Fremont, San Francisco, Cal.
Kent Mill Co., 10 Rapelyea, Brooklyn, N. Y.
Krom Machine Works (Rolling Toggie & 4-Life Crushers), 170 B'way, New York
McFarlane-Eggers Machinery Co., Denver, Colo.
Patterson Foundry & Machine Co., East Liverpool, O.
Raymond Bros. Impact Pulverizer Co., 1319 N Branch, Chicago, Ill.
Stearns-Roger Mfg. Co., Denver, Colo.
Walker Mfg. Co., Denver, Colo.
Worthington Pump & Mach'y Corp., 115 Broadway, New York
See adv index at end of book

9815— Mills (Rice)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
Abbe Paul O., 30 Broad, New York
Brown A. & F. Co. ("Cogswell"), 79 Barclay, New York
Excel Mfg. Co., Pottersville, N. J.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Sprout, Waldron & Co. (Polishers, Shelling Stone, Octagon Reels, Polishing Brushes, Trumbles, Separators, Chaff Grinders), Muncy, Pa.

9816— Mills (Rice Chaff)

Bauer Bros. Co., Bauer bldg, Springfield, O.

9817—Mills (Roller Grinding)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Barnard & Leas Mfg. Co., Moline, Ill.
Excel Mfg. Co. (For Graham Flour, etc), Potterville, N. J.
Great Western Mfg. Co. (Also Roller Feed), Leavenworth, Kan.
Hoagland's M. Sons Co., Rockaway, N. J.
Nordyke & Marmon Co. (Double Two Pair, High Six Roller, etc), 1290 Kentucky av, Indianapolis, Ind.
Simpson-Orville Co. (Corn & Wheat), Cincinnati, O.
Sprout, Waldron & Co. (Double Roller, Two-Pair & Three-Pair High, All Sizes), Muncy, Pa.
Walker Mfg. Co. (Patent Grinding), Denver, Colo.
Wolf Co., Chambersburg, Pa.

9818-9— Mills (Rosin)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
Barnett Oscar Foundry Co. (Automatic), Irvington, N. J.
Brown A. & F. Co. ("Cogswell"), 79 Barclay, New York
Sly W. W. Mfg. Co., 4700 Frain av, Cleveland, O.

9820— Mills (Scroll)

Wolf Co. ("Draver" & "Mitchell"), Chambersburg, Pa.

9821—*Mills (Sheet & Tin Plate)

Blow Knox Co. (Specialties), Farmers' Bank, bldg.
Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book

9822— Mills (Shell End)

Barber-Colman Co., Loomis st, Rockford, Ill.
BECKER MILLING MACHINE CO., Hyde Park, Mass.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Morse Twist Drill & Machine Co., New Bedford, Mass.
NATIONAL TOOL CO., Cleveland, O.
See adv index at end of book
Standard Tool Co., 6900 Central av, Cleveland, O.

9823— Mills (Slabbing)

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Mackintosh-Hemphill & Co., Pittsburgh, Pa.
Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book
MORGAN ENGINEERING CO., Alliance, Ohio *See adv index at end of book*

9823a—*Mills (Spheroidal)

Townsend Foundry & Machine Shop Co., Broadway & Rensselaer, Albany, N. Y.
See adv index at end of book

9824-5— Mills (Stamp)

ALLIS-CHALMERS. MFG. CO. (Steam, Gravity & Atmospheric), Milwaukee, Wis. *See adv index at end of book*
Arizona & Sonora Mfg. Co., Nogales, Ariz.
Ashland Iron Works, Ashland, Oregon
Caird Engineering Works, Helena, Mont.
Chalmers-Williams Mfg. Co. (Stamp Batteries & Accessories), 1461 Arnold, Chicago Heights, Ill.
Colorado Iron Works Co., Denver, Colo.
Denver Engineering Works, Denver, Colo.
Dillon-Box Iron Works Co., Denver, Colo.
Hallidie Co., Spokane, Wash.
Hammond Mfg. Co., Kamm bldg, Portland, Ore.
Harrison Machine Works, Los Angeles, Cal.
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book
Lombard Iron Wks. & Supply Co., Augusta, Ga.
McFarlane Mfg. Co., Denver, Colo.
McFarlane-Eggers Machinery Co., Denver, Colo.
Mecklenburg Iron Works, Charlotte, N. C.
Mine & Smelter Supply Co., 42 B'way, New York
National Iron Works, Spokane, Wash.
Nordberg Mfg. Co., Milwaukee, Wis.
Portage Lake Fdry & Mach Co., Hancock, Mich.
Stearns-Roger Mfg. Co., Denver, Col.
Ticonderoga Machine Works (Stamp Batteries), Ticonderoga, N. Y.
Traylor Engineering & Mfg. Co., Allentown, Pa.
Trent Engineering & Machinery Co., Salt Lake City, Utah
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
Union Iron Works, Spokane, Wash.
Vulcan Iron Works, Francisco & Kearny, San Francisco, Cal.
Walker Mfg. Co., Denver, Col.
Willamette Iron & Steel Works, Portland, Ore.
Worthington Pump & Mach'y Corp., 115 Broadway, New York
See adv index at end of book

9826— Mills (Structural)

Alliance Structural Co., Alliance, O.
Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book
Morgan Engineering Co., Alliance, O.
See adv index at end of book

9827-8— Mills (Sugar Cane)

Bahmann Iron Works Co., Cincinnati, O.
Bell C. S. Co. ("Western"), Hillsboro, O.
Birmingham Mach. & Fdry Co., Birmingham, Ala.
Blymyer Iron Works Co., Cincinnati, O.
Chattanooga Plow Co., Chattanooga, Tenn.
Coldwell-Wilcox Co., Newburgh, N. Y.
Columbus Iron Works, Columbus, Ga.
Cook Cane Mill & Evaporator Co. (For Sorghum), 320 N 2d, St. Louis, Mo.
Dibert, Bancroft & Ross Co. (Ltd.), Tulane & Hagan av, New Orleans, La.
Dyer Co., Cleveland, O.
Excelsior Foundry Co., Belleville, Ill.
FABRICATED STEEL PRODUCTS CORP., Box 300, Leetonia, O.
See adv index at end of book
Farrel Foundry & Machine Co., Ansonia, Conn.
Fulton Iron Works, 1259 Delaware av, St. Louis, Mo.
Golden's Fdry & Mach. Co., Columbus, Ga.
Honolulu Iron Works Co., Honolulu, Hawaii

MILLS (SUGAR CANE)—continued

HOOVEN, OWENS, RENTSCHLER CO. ("Hamilton"), Hamilton, Ohio.
See adv index at end of book

Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book

Kehoe Iron Works, Savannah, Ga.

Knoxville Fdry & Mach. Co., Knoxville, Tenn.

Krajewski-Pesant Corp., 54 Beard, Brooklyn, N. Y.

Lombard Iron Works & Supply Co., Augusta, Ga.

Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book

Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.

Pratt Engineering & Machine Co., Atlanta, Ga.

Reading Iron Co., Reading, Pa.

Ross E. W. Co., Springfield, O.

Rourke John & Sons, Savannah, Ga.

Schofield's J. S. Sons Co., Macon, Ga.

Southern Plow Co. ("Columbus," "Standard," "Horizontal"), Columbus, Ga.

Squier Geo. L. Mfg. Co., Buffalo, N. Y.

Swoop Julian M., 913 Girod, New Orleans, La.

Vulcan Iron Works, Wilkes-Barre, Pa.

White's S. R. Sons ("Stonewall"), Norfolk, Va.

Whitney Iron Works Co., 849 Tchoupitoulas, New Orleans, La.

Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

Mills (Tube)

See Mills, Ball & Pebble
Also Pipe & Tube Mills
Also Pipe & Tube Mill Machinery

9829—Mills (Tumbling & Rumbling)

Central Foundry Supply Co. ("Byram"), P. O. Box 945, Columbus, O.

Cleveland Nickel Wks. (Steel Exhaust; & water), 1167 W 67th, Cleveland, O.

Illinois Mfg. & Supply Co. (Exhaust Steel), Quincy, Ill.

Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*

Sly W. W. Mfg. Co. (Exhaust Steel), Cleveland, Ohio

Whiting Foundry Equipment Co., 157th & Halstead, Chicago. Ill.

9830— *Mills (Universal)

Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book

Morgan Engineering Co., Alliance, O.
See adv index at end of book

9831— Mills (Water Cinder)

Cleveland Nickel Wks., 1167 W 67th, Cleveland, O.

Eastern Machinery Co. ("Hill"), New Haven, Conn.

Farrel Foundry & Machine Co., Ansonia, Conn.

Illinois Mfg. & Supply Co. (Iron & Brass), Quincy, Ill.

Moussette O. J. ("Monarch" For Brass Foundries, etc), 22 Clay, Brooklyn, N. Y.

Sly W. W. Mfg. Co. ("Sly" for Separating Iron & Coke from Cupola Dump), 4700 Train av, Cleveland, O.

Standard Equipment Co., New Haven, Conn.

9832—Mills (Water Polishing)

Sly W. W. Mfg. Co., 4700 Train av, Cleveland, O.

Whiting Foundry Equipment Co. (For Brass), 157th & Halstead, Chicago, Ill.

Mills (White Lead)

See White Lead Machinery

9833—Mills (Wire Flattening)

Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book

Standard Machinery Co., Providence, R. I.

Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

9834— Millstones

Bullock Chas. K., 1361 Ridge av, Phila, Pa.

Tobler & Co. (French Buhr Imported), 35 S William, New York

9834a— *Mine Locomotives

See also Locomotives, Electrical Industrial & Mine

LAKEWOOD BUILT TO LAST The LAKEWOOD ENGINEERING Co. CLEVELAND. OHIO. U.S.A

9835—Mine Rescue Apparatus

Draeger Oxygen Apparatus Co., Pittsburgh, Pa.

Hayward S. F. & Co. ("Westfalia"), 250 W 54th. New York

Mine Supplies

See Firms in Mill & Factory Supplies, with the word Mine following name

9836—Mine Supplies (Electric)

Commercial Electrical Supply Co., 15th & Pine, St. Louis, Mo.

Cooke-Wilson Electric Supply Co., Imperial Power bldg, Pittsburgh, Pa.

Doubleday-Hill Electric Co., 719 Liberty av, Pittsburgh, Pa.

Electrical Material Co., 618 W Jackson blvd, Chicago, Ill.

Electric Railway Equipment Co., Cincinnati, Ohio

Flood City Mfg. Co., Johnstown, Pa.

Gee Electric Co., Wheeling, W. Va.

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

Iron City Electric Co., Pittsburgh, Pa.

Johns H. W.-Manville Co., Madison av & 41st, New York

Kester Electric Co., Terre Haute, Ind.

Lawrence F. D. Electric Co., 219 W 4th, Cincinnati, Ohio

Ohio Brass Co., Mansfield, Ohio

Sackett Mine Supply Co., 164 N 3d, Columbus, Ohio

Union Electric Co., 81 Terminal Way, Pittsburgh, Pa.

Wesco Supply Co., 7th & Clark, St. Louis, Mo.

Western Electric Co., 463 West, New York

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9837— Mine Timbers (Steel)

Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.

PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book

9838— Mineral Colza

Standard Oil Co. of N. Y., 555 W 25th, New York

Union Petroleum Co., Widener bldg, Phila., Pa.

Waverly Oil Works Co., Pittsburgh, Pa.

9839— Mineral Wool Mfrs.

Acme Asbestos Covering & Supply Co., 404 N Ada, Chicago, Ill.
See adv index at end of book

Banner Rock Products Co., Alexandria, Ind.

Columbia Mineral Wool Co., 58 W Washington, Chicago, Ill. Works: S Milwaukee, Wis.

Johns H. W.-Manville Co. ("J-M"), Madison av & 41st, New York

Union Fibre Co., Winona, Minn.

United States Mineral Wool Co., 280 Madison av, New York

9840— Minerals (Rare)

Earle E. P., 165 B'way, New York

Industrial Minerals Co., Inc., Monadnock bldg., San Francisco, Cal.

Philipp Brothers (Imp.), 29 B'way, New York

9841—Miners' Needles & Scrapers

Fulton Tool Works ("Fulton"), Canal Fulton, O.

Hardsocg Mfg. Co. (Steel & Copper), Ottumwa, Ia.

Hardsocg Martin Co., 922 South av, Pittsburgh, Pa.

Hubbard & Co., 63d & Butler, Pittsburgh, Pa.

Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.

Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.

Leetonia Tool Co., Leetonia, O.

Warwood Tool Co., Warwood, Wheeling, W. Va.

What Cheer Tool Co., What Cheer, Ia.

9842— Minglers (Sugar)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

9843— Minimeters

NORMA CO. OF AMERICA, 1790 B'way, New York *See adv index at end of book*

9843a— Minium

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

9844— Minnows

Bonafide Mfg. Co. (Aluminum), Plymouth, Mich.

Heddon Jas. & Son (Artificial), Dowagiac, Mich.

9845—*Mirror Frames (Metal)

DAHLSTROM METALLIC DOOR CO., 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book

9845a— *Mirror Mfrs.

STANDARD PLATE GLASS CO., 30 Sudbury, Boston, Mass.

9846— Mirrors (Advertising)

Bache, Semon & Co., 636 Greenwich, New York

Chicago Mirror & Art Glass Co., 216 N Clinton, Chicago, Ill.

Crescent Advtg. Co., Parsons, Kan.

National Sheet Metal Co. (Hand, Pocket, etc.), Peru, Ill.

Tarentum Beveling & Mirror Wks., Tarentum, Pa.

9847— Mirrors (Bath Room)

Ames, Bonner Co. ("A. B. C."), Toledo, O.

Boston Mirror Co. (Frameless, etc.), 69 Sudbury, Boston, Mass.

Chicago Mirror & Art Glass Co., 216 N Clinton, Chicago, Ill.

Church C. F. Mfg. Co. (White Pyralin), Holyoke, Mass.

Columbus Brass Co., 538 Dublin av, Columbus, O. *See adv index at end of book*

Cooke Jos. S., 20 Jacob, New York

Eustis J. P. Mfg. Co. (Brasscrafters), Cambridge, Mass.

Galard Co. ("Omaha"), 335 6th av, Newark, N. J.

Gallagher P. J., 24 New Chambers, New York

Metal Crafters, East Stroudsburg, Pa.
See adv index at end of book

Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill. *See adv index at end of book*

Parker Chas. Co., Meriden, Conn.

Standard Plate Glass Co., 30 Sudbury, Boston, Mass.

Weber-Knapp Co. (Extension Bracket), Jamestown, N. Y.

9848—Mirrors (Dashboard, Automobile)

Chicago Mirror & Art Glass Co., 216 N Clinton, Chicago, Ill.

Cowles C. & Co., New Haven, Conn.

Riley-Klotz Mfg. Co., 17 Mulberry, Newark, N. J.

Searls Mfg. Co., 29 Mulberry, Newark, N. J.

Standard Plate Glass Co., 30 Sudbury, Boston, Mass.

9848a—*Mirrors (Frameless)

Standard Plate Glass Co., 30 Sudbury. Boston, Mass.

9849— Mirrors (Hand)

Bradley & Hubbard Mfg. Co., Meriden, Conn.
Celluloid Co. (Celluloid), 36 Washington pl, New York
Dennins O. Sons, Troy, N. Y.
Florence Mfg. Co., Florence, Mass.
Frisch Toilet Mirror Co., 161 W 29th, New York
Grote F. & Hubbell Co., 82 4th av, New York
Liberty Mirror Works, 6615 Kelly, Pittsburgh, Pa.
Pacific Novelty Co. ("Elpho" Ivory), 41 E 11th, New York
SCHIMPER WILLIAM & CO., 322-338 Ferry, Hoboken, N. J., 933 Union sq, New York
Souweine Mfg. Co., 103 Varick, New York
Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
Warren Mirror Works, Warren, Pa.

9849a—*Mirrors (Hand & Millinery)

THE ARLINGTON WORKS (Du Pont E. I. de Nemours & Co.), 21 E 40th, New York
Standard Plate Glass Co., 30 Sudbury, Boston, Mass.

9850— Mirrors (Lamp)

Bausch & Lomb Optical Co., Rochester, N. Y.

9851— Mirrors (Mangin)

Bausch & Lomb Optical Co., Rochester, N. Y.
RODEFER GLASS CO., THE, Bellaire, O.
See adv indcx at end of book

9851a—*Mirrors (Mangin, Blanks)

RODEFER GLASS CO., THE, Bellaire, O.
See adv index at end of book

9852— Mirrors (Plate Glass)

American Mirror Co., 160 Reed, Milwaukee, Wis.
Anderson Geo. H. & Co., 1467 W Austin av, Chicago, Ill.
Art Glass Co., 74 Fort, E Detroit, Mich.
Bache, Semon & Co., 636 Greenwich, New York.
Boston Mirror Co., 69 Sudbury, Boston, Mass.
Building Supplies Corp., Norfolk, Va.
Central Door & Lumber Co., 481 Glisan, Portland, Ore.
Chicago Mirror & Art Glass Co., 216 N Clinton, Chicago, Ill.
Conroy-Prugh & Co., 1430 Western av, Pittsburgh, Pa.
Crane Glass & Mfg. Co., 206 St. Clair av, Cleveland, O.
Denier's S. Son (French), 17 Crosby, New York
Detroit Mirror Works, Waterman & M. C. R. R., Detroit, Mich.
Donnelly J. R. Co., 54 Classon av, Brooklyn, N. Y.
Eustis J. P. Mfg. Co. ("Brasscrafters" Metal Frame), Cambridge, Mass.
Evansville Mirror & Bevelling Co., Evansville, Ind.
Falconer Mirror Co., Falconer, N. Y.
Gallagher P. J., 24 New Chambers, New York
Hadley-Dean Glass Co., 11th & Lucas av, St. Louis, Mo.
Hart Mirror Plate Co., Grand Rapids, Mich.
Haskins Art Glass Co., Rochester, N. Y.
Hendricks-Martz Bros. Co., Shelby & Larned
Hires, Turner Glass Co., 30th & Walnut, Phila., Pa.
Jackson Glass Works, Jackson, Mich.
Lee Edw. F. Gass Co., Detroit, Mich.
Morgan Co., Oshkosh, Wis.
National Mirror Works (All Kinds), Rockford, Ill.
Pittsburg Plate Glass Co., Frick bldg, Pittsburgh, Pa.
Popper Leo & Sons, 143 Franklin, New York
Saginaw Mirror Wks., Saginaw, Mich.
Schrenk & Co., Hoboken, N. J.
Slane O. W. Glass Co., York, Pa.
Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
Tyler & Hippach, 366 W Ohio, Chicago, Ill.
Von Gerichten Art Glass Co., 557 So High, Columbus, O.
Western Sand Blast Mfg. Co., 1458 W Kinzie, Chicago, Ill.
Williamsport Mirror & Glass Co., Williamsport, Pa.
Zahn & Bowly Co., Rutherford, N. J.

9853— Mirrors (Searchlight)

Bausch & Lomb Optical Co., Rochester, N. Y.
Standard Plate Glass Co., 30 Sudbury, Boston, Mass.

9854— Mirrors (Shaving)

Alexander J. Mfg. Co., 1931 B'way, New York
Federal Sign System (Electric), 640 W Lake, Chicago, Ill.
Franks Mfg. Co., Rock Island, Ill.
Frink I. J. P., 24th & 10th av, New York
Lyons Machine Works, Lyons Station, Ia.
McLeod, Ward & Co., 430 11th av
Mirror Mfg. Co., 200 Greene, New York
Rite-Lite Shaving Glass Co., Syracuse, N. Y.
SCHIMPER WILLIAM & CO., 322-338 Ferry, Hoboken, N. J., & 33 Union sq, W New York
Shavelight Corp., 30 Church, New York
Shuman F. G. Co. ("Suction Back"), 168 N Michigan av, Chicago, Ill.
Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
Weber-Knapp Co. (Adjustable), Jamestown, Pa.
Wilson Co. A. B., Leader News bldg, Cleveland, O.

9855— Mirrors (Shock)

Allison & Doughty, 200 Greene, New York
Bache, Semon & Co., 636 Greenwich, New York
Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
Zahn & Bowly Co., Rutherford, N. J.

9855a—Mirrors (Triplicate Standing & Swing)

SCHIMPER WILLIAM & CO., 322-338 Ferry, Hoboken, N. J., & 33 Union sq, W New York

9856— Mirrorscopes

Mirrorscope Co., Cleveland, O.
Novelty Mfg. Co. ("Bellamy"), Waterbury, Conn.

9857— Mitre Scales

Reeves Mfg. Co., Milford, Conn.

9858— Mitres (Copper)

Hussey C. G. & Co., 2850 2d av, Pittsburgh, Pa.

Mitts (Catchers)

See Gloves, Baseball, Boxing & Fencing

9859— Mixers (Air)

Kemp C. M. Mfg. Co., 405 E Oliver, Baltimore, Md.
McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.
See adv index at end of book

9859a—*Mixers (Aniline Colors)

Johnson John Co., 203 37th, B'klyn, N. Y.
WERNER & PFLEIDERER CO., 1232 N Niagara, Saginaw, Mich.
See adv index at end of book

9860— Mixers (Asphalt)

Barber Asphalt Paving Co. ("Iroquois"), Land Title bldg, Phila., Pa.
Cummer F. D. & Son Co., Superior Arcade, Cleveland, O.
See adv index at end of book
Densmore-Stabler Refg. Co., Los Angeles, Cal.
East Iron & Machine Co. ("Merriman"),t 351 E Market, Lima, O.
Equitable Asphalt Maintenance Co. ("Equitable"), 1901 Campbell, Kansas City, Mo.
Erie Machine Shops, Erie, Pa.
Hetherington & Berner, Indianapolis, Ind.
Pioneer Iron Wks., 149 Pioneer, B'klyn, N. Y.
Rapid Mixer Co., Grand Rapids, Mich.
Rockwell L. A. Co., 430 Smith, Brooklyn, N. Y.
Smith T. L. Co., The ("Smith" Hot Mixers), 1151 32d, Milwaukee, Wis.

9861— Mixers (Bleach)

Johnson John Co., 203 37th, B'klyn, N. Y.
Manitowoc Engineering Works, Manitowoc, Wis.

9862—Mixers (Bread & Cake)

Carpenter L. A., Press Metal Co. ("Economy"), Cambridge, Mass.
Central Stamping Co., 174 Fulton, New York
Dorsey Mfg. Co. ("Roberts"), 39 Pearl, Boston, Mass.
Gem Stamped Steel Co. ("Kned-Full"), Chelsea, Mass.
Landers, Frary & Clark ("Universal"), New Britain, Conn.
Manning, Bowman & Co. ("Eclipse"), Meriden, Conn.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Rockwell L. A. Co., 430 Smith, Brooklyn, N. Y.
Roseland Can & Specialty Co. ("American"), Rockford, Ill.
Sumner Mfg. Co. ("Eclipse" Large Bakers), Boston, Mass.
Vogel Wm. & Bros. ("Chautauqua"), 37 S 9th, Brooklyn, N. Y.
Werner & Pfielderer, 1232 N Niagara, Saginaw, Mich. *See adv index at end of book*

9862a—*Mixers (Candy Masses)

WERNER & PFLEIDERER CO., 1232 N Niagara, Saginaw, Mich.
See adv index at end of book

9863— Mixers (Cement)

Cardington Cabinet Co. ("Diamond"), Cardington, O.
Girnau Mfg. Co., Eau Claire, Wis.
Sheldon Engine & Sales Co., Waterloo, Ia.

9864— Mixers (Chocolate)

Abbe Engineering Co., 220 B'way, New York
Racine Confectioners' Machinery Co., Racine, Wis.
Rockwell L. A. Co., 430 Smith, Brooklyn, New York
Sowers Mfg. Co., 1320 Niagara, Buffalo, N. Y.
Werner & Pfleiderer Co., 1232 N Niagara, Saginaw, Mich.
See adv index at end of book

9865— Mixers (Clay)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
Anderson Fdry. & Mach. Wks., Anderson, Ind.
Bartlett C. O. & Snow Co., French st, Cleveland, O. *See adv index at end of book*
Bernholtz Brick Machinery Co., Boyle & Vandeventer, St. Louis, Mo.
Chambers Bros. Co., 52d, bel Lancaster av, Phila., Pa.
Johnson John Co., 203 37th, B'klyn, N. Y.
Manitowoc Engineering Wks., Manitowoc, Wis.
Marion Machine, Foundry & Supply Co. ("Rust"), Marion, Ind.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
Werner & Pfleiderer Co., 1232 N Niagara, Saginaw, Mich.
See adv index at end of book

9865a— *Mixers (Concrete)

See also Concrete Mixers

LAKEWOOD BUILT TO LAST The LAKEWOOD ENGINEERING Co. CLEVELAND, OHIO U.S.A.

9866— Mixers (Drink)

Arnold Electric Co. ("Arnold" Electric), Racine, Wis.
Dorsey Mfg. Co. ("Roberts"), 39 Pearl, Boston, Mass.
Eimer & Amend, 205 3d av, New York
Fulton-Bell Co., 451 Greenwich, New York
Gibson H. B. Co., 23 Liberty, New York
Hamilton Beach Mfg. Co. ("Cyclone," "U-See-Us" Electric), Racine, Wis.

MIXERS (DRINK)—continued
Lindstrom-Smith Co., 1104 S Wabash av, Chicago, Ill.
Seilke H. A. & Co., San Francisco, Cal.
Shelton Electric Co. (Electric), 30 E 42nd New York
White-Stokes Co. (Cream Whipper), 3615 Jasper pl, Chicago, Ill.
Wisconsin Electric Co., Racine, Wis.
See adv index at end of book

9866a—*Mixers (Dynamite)

WERNER & PFLEIDERER CO., 1232 N Niagara, Saginaw, Mich.
See adv index at end of book

9867— Mixers (Feed)

Excel Mfg. Co. (Alfalfa & Molasses), Pottersville, N. J.
Wilson Bros., Easton, Pa.
See adv index at end of book

9868— Mixers (Fertilizer)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
Atlanta Utility Works (Rotary Batch Mixers), East Point, Ga.
Austin W. E. Machinery Co., Atlanta, Ga.
Bartlett C. O. & Snow Co., French st, Cleveland, O. *See adv index at end of book*
Dempwolf C. H. & Co., York, Pa.
Dunning & Boschert Co., Inc., 379 W Water, Syracuse, N. Y.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
LAKEWOOD ENGINEERING CO., Cleveland, O. *See adv index at end of book*

LAKEWOOD BUILT TO LAST The LAKEWOOD ENGINEERING Co. CLEVELAND. OHIO. U.S.A

Manitowoc Engineering Works, Manitowoc, Wis.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Pratt Engineering & Machine Co., Atlanta, Ga.
Ransome-Leach Co., 115 B'way, New York
Rockwell L. A., 430 Smith, Brooklyn, N. Y.
Sackett A. J., cor 4th av & 1st, Baltimore, Md.
SMITH, T. L. CO., THE (For Mixing All Kinds of Artificial Fertilizers), 1151 32d, Milwaukee, Wis.
Social Circle Mfg. Co., Social Circle, Ga.
Sturtevant Mill Co., Clayton & Park, Dorchester, Boston, Mass.
Walker & Elliott, 2d & Lombard, Wilmington, Del.
Werner & Pfleiderer Co., 1232 N Niagara, Saginaw, Mich.
See adv index at end of book

9869—Mixers (Flour & Baking Powder)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
Burns Jabez & Sons, 600 W 43d, New York
Day J. H. Co., Cincinnati, O.
Dunning & Boschert Press Co., Inc., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Howes S. Co. (Flour), Silver Creek, N. Y.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
Werner & Pfleiderer Co., 1232 N Nigara, Saginaw, Mich.
See adv index at end of book

Mixers (Foundry Sand)

See Sand Mixing Machines

9870— Mixers (Gas)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Cullen & Atkinson Co. ("Monitor"), Hartford, Conn.
Detroit Brass Works (Natural Gas), Detroit, Mich.
Hale Gas Mixer Co. ("Hale"), Kansas City, Mo.
Hays Mfg. Co., Erie, Pa.
Kemp C. M. Mfg. Co. ("Climax"), 405 E Oliver, Baltimore, Md.
McRae & Roberts Co., 227 Campbell av, Detroit, Mich.
See adv index at end of book
Modern Iron Wks (Natural Gas), Quincy, Ill.

9871— Mixers (Glass Batch)

SMITH T. L. CO., THE ("Smith"), 1151 32d, Milwaukee, Wis.

9871a—*Mixers (Glass Sand)

LAKEWOOD BUILT TO LAST The LAKEWOOD ENGINEERING Co. CLEVELAND. OHIO. U.S.A

9872— Mixers (Grout)

C. H. & E. Mfg. Co., 384 Clinton, Milwaukee, Wis.
Ransome-Leach Co. ("Caniff" Pneumatic), 115 B'way, New York
Union Iron Works, Hoboken, N. J.

9873— Mixers (Hot Metal)

Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book
Penna Engng. Works, New Castle, Pa.
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Variety Iron & Steel Wks. Co., Hamilton av & E 40th, Cleveland, O.

9874— Mixers (Ice Cream)

Reid A. H., Creamery & Dairy Supply Co., 69th & Haverford, Phila., Pa.

9875— Mixers (Liquor)

New York Stamping Co., ("Empress"), N 11th & Berry, Brooklyn, N. Y.
Stevens Bros., 85 Liberty, New York
Sweeney W. H. Mfg. Co., 30 Main, Brooklyn, N. Y.

9875a—*Mixers (Low Charge)

LAKEWOOD BUILT TO LAST The LAKEWOOD ENGINEERING Co. CLEVELAND. OHIO. U.S.A

9876—Mixers (Lubricating Compounds)

Ross, Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
Sowers Mfg. Co., 1320 Niagara, Buffalo, N. Y.
Werner & Pfleiderer Co., 1232 N Niagara, Saginaw, Mich.
See adv index at end of book

9877— Mixers (Mayonnaise)

Landers, Frary & Clark ("Universal"), New Britain, Conn.

9878— Mixers (Mortar)

See also Concrete Mixers

Archer Iron Works, 2436 W 34th pl, Chicago, Ill.
Blystone Mfg. Co., Cambridge Springs, Pa.
Buckeye Engine & Foundry Co., Joliet, Ill.
C. H. & E. Mfg. Co., 384 Clinton, Milwaukee, Wis.
Carpenter Geo. B. & Co., 440 North Wells, Chicago, Ill.
Erie Metal Products Co., Erie, Pa.
Eureka Machine Co. ("Eureka"), Lansing, Mich.
Kent Machine Co., Kent, O.
Lakewood Engineering Co., Cleveland, O.

LAKEWOOD BUILT TO LAST The LAKEWOOD ENGINEERING Co. CLEVELAND. OHIO U.S.A

Lansing Co., Lansing Mich.
Laun Machine Co., 715 Root, Chicago, Ill.
Monighan Machine Co. ("Monighan"), 2032 Carroll av, Chicago, Ill.
Municipal Engineering & Contracting Co., ("Austin Cube"), Chicago, Ill.
Northfield Iron Co. ("Northfield"), Northfield, Minn.
Oelman Curt ("Detroit"), 224 St. Antoine, Detroit, Mich.
Smith T. L. Co., The, 1151 32d, Milwaukee, Wis.
Sybilla Elevator & Mfg. Co., Chattanooga, Tenn.
Teal Chas. A. (For Ready Mixed Mortar, etc), 1361 Ridge av, Phila., Pa.
Walker & Elliott, 2d & Lombard, Wilmington, Del.

9878a—*Mixers (Nitrocellulose)

WERNER & PFLEIDERER CO., 1232 N Niagara, Saginaw, Mich.
See adv index at end of book

9878a1—Mixers (Nitrotulol or "T N T"

Luther Mfg. Co., Olean, N. Y.

9878b—*Mixers (Oleomargarine)

Werner & Pfleiderer Co., 1232 N Niagara, Saginaw, Mich.
See adv index at end of book

9879— Mixers (Paint)

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
Bartlett C. O. & Snow Co., French st, Cleveland, O. *See adv index at end of book*
BEACH-RUSS CO., 220 B'way, New York *See adv index at end of book*
Gedge-Gray Co., Lockland, O.
Werner & Pfleiderer Co., 1232 N Niagara, Saginaw, Mich.
See adv index at end of book
Whigelt Geo., Inc. ("The Mix-Ap." to Mix Paint, etc, on the job), 124 Maiden la, New York

Mixers (Paint, Power)

See Paint Grinding & Mixing Machinery

9880— Mixers (Pan)

Tropenas Converter Co., 2243 Nostrand av, New York

9881— Mixers (Paste)

Advance Machinery Co., Toledo, O.
Bartlett C. O. & Snow Co., French st, Cleveland, O. *See adv index at end of book*
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Sowers Mfg. Co., 1320 Niagara, Buffalo, N. Y.
Stokes F. J. Mach. Co., 17 & Cambria, Phila., Pa.
Werner & Pfleiderer Co., 1232 N Niagara, Saginaw, Mich.
See adv index at end of book

9881a— *Mixers (Paving)

LAKEWOOD BUILT TO LAST The LAKEWOOD ENGINEERING Co. CLEVELAND. OHIO. U.S.A

9882— Mixers (Plaster)

See also Mills, Grinding

Bartlett C. O. & Snow Co., French st, Cleveland, O. *See adv index at end of book*
Day J. H. Co., Cincinnati, O.
Dunning W. D. ("Broughton"), Syracuse, N. Y.
Dunning & Boschert Press Co., Inc., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Ehrsam J. B. & Sons Mfg. Co. ("Enterprise"), Enterprise, Kan.
Northfield Iron Co. ("Northfield"), Northfield, Minn.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
Smith T. L. Co., The, 1151 32d, Milwaukee, Wis.

9882a— Mixers (Portable)

Lakewood Engng. Co., Cleveland, O.
See adv index at end of book

9883— Mixers Poultry Food

Excel Mfg. Co., Pottersville, N. J.

9883a— *Mixers (Road)

Lakewood Engng. Co., Cleveland, O.
See adv index at end of book

9884— *Mixers (Rubber)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Werner & Pfleiderer Co., 1232 N Niagara, Saginaw, Mich.
See adv index at end of book

Mixers (Sand)

See Sand Mixing Machines

9885—Mixers (Sausage Meat)

Brecht Co., 1201 Cass av, St. Louis, Mo.
Smith's John E. Sons Co., Buffalo, N. Y.
Werner & Pfleiderer Co., 1232 N Niagara, Saginaw, Mich.
See adv index at end of book

9886— Mixers (White Lead)

See also Mixers, Paint

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
Bartlett C. O. & Snow Co., French st, Cleveland, O. *See adv index at end of book*
Poole Engineering & Machine Co., Woodberry st, Baltimore, Md.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
Werner & Pfleiderer Co., 1232 N Niagara, Saginaw, Mich.
See adv index at end of book

9887— *Mixers & Sifters

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
Johnson John Co. (Turbine Mixers), 203 37th, Brooklyn, N. Y.
Werner & Pfleiderer Co., 1232 N Niagara, Saginaw, Mich.
See adv index at end of book

9888— Mocassins

Metz & Schloerb (Indian), Oshkosh, Wis.
Russell W. C. Mocassin Co., Berlin, Wis.

9889—Modelers & Sculptors (Architectural)

Architectural Decorating Co., 1600 S Jefferson, Chicago, Ill.
Buehen A. Decorators' Supply Co., St. Louis. Mo.
Cairns Hugh, 9 Harcourt, Boston, Mass.
Campbell & Horigan, 4718 Penn, Pittsburgh, Pa.
Church Art Work Co., Mt. Vernon, N. Y.
Decorators' Supply Co., Archer av & Leo, Chicago, Ill.
Dux Jos., 2112 W Van Buren, Chicago, Ill.
Ellin, Kitson & Co., Madison av & 34th, New York
Emmel Chas. & Rose Co., 383 Albany, Boston, Mass.
Evans John & Co., 77 Huntington av, Boston, Mass.
Finke Mfg. Co., 83 Plane, Newark, N. J.
Fischer & Jirouch Co., 4821 Superior av, Cleveland, O.
Francini C., Lexington av & 35th, New York
Haigermoser Jos., 459 Beaubien, Detroit, Mich.
Harnisch Ad A., Syracuse, N. Y.
Klee-Thomson Co., 327 E 40th, New York
Koppe & Steinichen, Atlanta, Ga.
Lamb J. & R., 25 6th av, New York
Lombard & Ludwig, 309 14th N W, Washington, D. C.
Maene Edw., 309 S Lawrence, Phila., Pa.
Milwaukee Ornamental Carving Co., 423 Poplar, Milwaukee, Wis.
Nygard Alfred F., Detroit, Mich.
Rackle Geo. & Sons Co. (Artificial Stone), Cleveland, Ohio
Schneider F. H., 631 W Belden av, Syracuse, N. Y.
Seifert Frank A. Plastic Relief Co., 2627 Dayton, St. Louis, Mo.
Shaw & Co., 2020 N 10th, Phila., Pa.
Tiffany Studios, 361 Madison av, New York
Tognarelli & Voigt Co., 1743 N 12th, Phila., Pa.
Van Malderen F., 5th & Jurnonville, Pittsburgh, Pa.
Walter G. E., 157 E 44th. New York
Whitman Studios, 900 Oxford, Phila., Pa.

9890—*Models, Trade Marks & Monograms (Wood)

Spanjer Bros., ft Center, Newark, N. J.

9891—Models & Experimental Work

See also Pattern & Model Makers

Acme Mfg. Co., 355 Howard, Detroit, Mich.
Allentown Experimental Works, Allentown, Pa.
Allen Wrench & Tool Co., 754 Eddy, Providence, R. I. *See adv index at end of book*
American Machine Works, Omaha, Neb.
Baillard E. V. Co., 24 Frankfort, New York
Baird Machine Co., Bridgeport, Conn.
Bass Bros., 82 Walker, New York
Beach Mfg. Co., Little bldg, Boston, Mass.
Bedford Aluminum & Specialty Co., 4 Reade, New York
Beffel Frank Mfg. Co., Racine, Wis.
Berggren & Pearson Machine Co., 221 Canal, New York
Blount Engineering Co., 100 High, Boston, Mass.
Boucher H. E. Mfg. Co. (Models), 150 Lafayette, New York
Boyce Myron J., 1 Bethune, New York
Breul Fred G., Bridgeport, Conn.
Carolus Mfg. Co., Sterling, Ill.
Cleveland Metal Stamping Co., Cleveland, Ohio
Cleverly Electric Wks., 17 N 7th, Phila.. Pa.
Colson F. A. Pattern Works, Buffalo, N. Y.
Connery Machine & Tool Co., 56 Harrison av, Springfield, Mass.
Crescent Novelty Mfg. Co., 703 S B'way, St. Louis, Mo.
Cook H. E. Co., Inc., 28 Light, Baltimore, Md.
Cumberland Foundry & Mfg. Co., Nashville, Tenn.
Currie Machine Co., 45 Fort, Detroit, Mich.
Electrical Appliances Mfg. Co., Waterbury, Conn.
Estes E. B. & Sons (Drawing & Geometrical School Models), 364 5th av, New York *See adv index at end of book*
Fanning J. P. (Pattern Maker), 678 Jefferson av, Brooklyn, N. Y.
Garrison Co., Inc., 183 John, Bridgeport, Conn.
General Machine & Mfg. Co., Bridgeport, Conn.
Girard Model Works, Girard, Pa.
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, Ohio
Griswold Geo. M. Machine Co., New Haven, Conn.
Hanson Tool & Die Co., Detroit, Mich.
Harris H. E. Engineering Co., 1047 Broad, Bridgeport, Conn.
Hart Fred'k & Co., 837 Main, Poughkeepsie, N. Y.
Hartford Special Mach'y Co., Hartford, Conn.
Hassell Iron Works Co., Colorado Springs, Colo.
Hervey Machine Works, 209 Oak, Kansas City, Mo.
Hoeft & Co., 1600 W Kinzie, Chicago, Ill.
Hoggson S. H. & Co., 27 Thames, New York
Holz Herman A., 2 Madison av, New York
See adv index at end of book

DEVELOPMENT AND DESIGNING
of Precision Instruments and Special Machinery
Experimental Work and Models
HERMAN A. HOLZ
2 Madison Ave. New York

Howard Iron Works, Buffalo, N. Y.
Howes Forrest E., 307 Atlantic av, Boston, Mass.
Jeppener Paul, 114 Center, New York
Kirkman Wm. J., Denver, Colo.
Kohler Die & Specialty Co., De Kalb, Ill.
Laganke Chas. F., 116 St. Clair av, N E, Cleveland, O.
Lees John, Indianapolis, Ind.
Lorentzen H. K., 60 Grand, New York
Losbough-Jordan Tool & Machine Co., Elkhart, Ind.
McCulloch A. P. Machine Co., 216 High, Boston, Mass.
See adv index at end of book
Mackin Stephen, 33 North Foster, Worcester, Mass.
Manufacturers & Inventors Electric Co., 29 Gold, New York

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JOHNS ENGINEERING CO.,
Power Building,
Superior Viaduct, Cleveland, O.

Model Shop (Inventors' Models), 80 1st, San Francisco, Cal.
Model Tool & Gauge Co., New Haven, Conn.
Moore & Co., 305 W Grand av, Chicago, Ill.
National Stamping & Electric Works, 424 S Clinton, Chicago, Ill.
Nauffts Co., 127 Purchase, Boston, Mass.
Nelson Tool Co., Inc., 781 E 142nd, New York
See adv index at end of book
Nestor Mfg. Co. (Inc.), 40 W 13th, New York
Nitz & Darkow, Akron, O.
Providence Mfg. & Tool Co., 17 Warren, Providence, R. I.
Reeves Mfg. Co., Milford, Conn.
Rogge Machine Co., 519 Hillger, Detroit, Mich.
Rudolph Wm. F., 1308 Girard av, Phila., Pa.
S-P Manufacturing Co. (Automobile Motors), 872 E 72d, Cleveland, O.
Saunders Co. (Metal), 1700 Brooklyn av, Kansas City, Mo.
Scully Pattern & Model Works, S W cor 5th & Delaware, Kansas City, Mo.
Sloan Novelty Mfg. Co., 20th & Wyandotte, Kansas City, Mo.
Spindler & Deringer, 243 Mercer, Jersey City, N. J.
Spuck Iron & Foundry Co., 14th & Branch, St. Louis, Mo.
Standard Pattern Works, 5332 St. Clair av, Cleveland, O.
Stoddard-Jakel Machine & Tool Co., Kerr bldg, Detroit, Mich.
Superior Machine & Engng. Co., Detroit, Mich.
S. & I. Co., Springfield, Mass.
Terkelsen & Wennberg, 328A, Boston, Mass.
See adv index at end of book
Tolhurst Machine Works, Troy, N. Y.
Tucker Chas. E. Mfg. Co., York, Pa.
Union Gear & Machine Co., 27 Purchase, Boston, Mass.
United Electric Apparatus Co., 1529 Columbus av, Boston, Mass.
Vogel William, 68 Nassau, New York
West St. Louis Machine & Tool Co., 606 S Vandeventer av, St. Louis, Mo.
Western Iron & Foundry Co., Wichita, Kan.
Western Pattern & Mfg. Co., Moline, Ill.
White George, 22 Morris, Jersey City, N. J.
Worcester Gear Works, Inc., 33 N Foster, Worcester, Mass.
Zuhr Henry, 204 William, New York

9892— Moisteners (Cigar)

Stirrup Mfg. Co., 257 Greenwich, New York

9893—Moisteners (Envelope)

Ideal Moistener Co., Findlay, O.
Peerless Moistener Co., 824 S Claremont av, Chicago, Ill.

9893a—Moisteners (Radiator Air)

Illinois Flower Box Co., 180 N Dearborn, Chicago, Ill.
McCain W. W., Indianapolis, Ind.
Savo Mfg. Co., 39 S La Salle, Chicago, Ill.
Specialty Mfg. Co., 1049 Raymond av, N, St. Paul, Minn.

Moistening Apparatus

See Textile Machinery

9894— Molasses (Foundry)

Springfield Facing Co. (Core Oil & Core Compound), Springfield, Mass.
See adv index at end of book

9895— Molds (Aluminum)

Vulcan Iron Works, 327 N Irving av, Chicago, Ill.

9896—Molds (Babbitt Metal & Solder)

Fanning J. P., 678 Jefferson av, Brooklyn, N. Y.
Haydenville Co., Haydenville, Mass.
Kupferle Jno. C. Foundry Co., 1st & Wright, St. Louis, Mo.
Modern Iron Works (Half Round), Quincy, Ill.
Mott J. L. Iron Works, Trenton, N. J.
Osborne C. S. & Co., Harrison, N. J.
Schweizer Chas. K. Co., 214 Vine, St. Louis, Mo.
Vulcan Iron Works, 327 N Irving av, Chicago, Ill.
Wolverine Brass Works, Grand Rapids, Mich.

9897— Molds (Babbitting)

Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.

9898—Molds (Bakers' & Confectioners')

Ben-Mohr Manufacturing Co., 51 Cliff, New York
Eppelsheimer & Co., 34 Hubert, New York
Maag August Co. (Easter Rabbit Cakes, etc), 509 W Lombard, Baltimore, Md.
Watkins Jas. Y. & Son, 20 Catherine, New York

9899—Molds (Bar Lead, Buck Shot & Bullet)

Fanning J. P., 678 Jefferson av, Brooklyn, N. Y.
Vulcan Iron Works (Bar Lead), 327 N Irving av, Chicago, Ill.

9900-1— Molds (Brick)

American Clay Machinery Co., S Walnut, Bucyrus, O.
Arnold-Creager Co. (Hand & Machine), New London, O.
Crowell James B. & Son, Wallkill, N. Y.
Hunter Saw & Machine Co., 57th & Butler, Pittsburgh, Pa.
International Clay Machinery Co., Dayton, O.
Louisville Machine Co., Louisville, Ohio
Mentz Geo. B. Co., Wallkill, N. Y.
Potts C. & A. & Co., Indianapolis, Ind.
Wiles A. M. & W. H. Co., Grassy Point, N. Y.

9902— Molds (Butter)

Chapman-Sargent Co. (Round & Square), Perrysburg, O.
Creamery Package Mfg. Co., 61 W Kinzie, Chicago, Ill.
Hall Bros. Co., West Acton, Mass.
Richardi & Bechtold (All Kinds), Bellaire, Mich.
Rowe Henry Mfg. Co., Newaygo, Mich.
Vermont Farm Machine Co., Bellows Falls, Vt.

9903— Molds (Button)

Defiance Button Machine Co. (Button Covering), 43 W 24th, New York
Empire Button Mold Mfg. Co., 722 E 11th, New York
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Frary Spool Co., Berlin, N. Y.
Hill Bros. & Co., Williamsburg, Mass.
Hurewitz J., 33 Bleecker, New York
Rhodes Wm. H., Cold Brook, N. Y.
Terkelsen & Wennberg, 328A, Boston, Mass.
See adv index at end of book

9904— Molds (Cake)

Chapman Co. ("Van Deusen"), Geneva, N.Y.

9905 — Molds (Capsule)

Kutz & Gift, Allentown, Pa.

Molds (Cement Post)

See Molds, Concrete; also Cement Post Machinery

Molds (Cigar)

See Cigar Makers' Supplies

9906— Molds (Concrete)

Architectural Mold Co. (For Concrete Columns), Warren & Medrum avs, Detroit, Mich.
Cement Tile Machinery Co. ("Easy Tile"), Waterloo, Ia.
Co-Operative Concrete Construction Co. (For Stave Silos), Oskaloosa, Ia.
D. & A. Post Mould Co. ("D. & A." for Cement Fence Posts), Three Rivers, Mich.
Deslauriers Column Mould Co. (Adjustable Steel), Woolworth bldg, New York
Dunn W. E. Mfg. Co., Holland, Mich.
Geis & Bichler (Sewer Pipe & File), St. Joseph, Mo.
Hydraulic Pressed Steel Co. (Pressed Steel), Cleveland, O.
Ideal Concrete Machinery Co., 1346 Monmouth av, Cincinnati, Ohio
Indiana Concrete Mold Co. (For Sidewalk, Curbs & Gutters), Peru, Ind.
Irey John H. (For Blocks), West Liberty, Iowa
Kellar-Thomason Co., 1222-36 E 28th, Los Angeles, Cal.
Lansing Co. (For Cement Pipe, Columns, Lawn Vases, etc), Lansing, Mich.
Monolithic Silo & Const. Co. (Roof Molds), Peoples' Gas bldg, Chicago, Ill.
Northwestern Steel & Iron Works, Eau Claire, Wis.
Ohio Post Mold Co. (For Concrete Fence Posts), 1348 Nicholas bldg, Toledo, O.
Raber & Lang Mfg. Co. ("Crescent" for Pipe & Tile), Kendallville, Ind.
Simpson Cement Mold Co. ("Simpson," for Concrete Porches, etc), Maple & West, Columbus, O.
Staple Post Mold Co. (Post Molds), Westerville, O.

Molds (Copper)

See Molds, Gold & Silver Bullion

9907— Molds (Cylinder)

Appleton Wire Works, Appleton, Wis.
Beloit Iron Works, Beloit, Wis.
Bigelow, Cheney Wire Works, Springfield, Mass.
Black-Clawson Co., Hamilton, O.
Clark H. C. & Son Mach. Co., Lee, Mass.
Dilts Machine Works (Inc.), Fulton, N. Y.
Dix Chas. B., Glens Falls, N. Y.
Eastwood Wire Mfg. Co., Belleville, N. J.
Emerson Mfg. Co., Lawrence, Mass.
Gleason Thos. E., East Newark, N. J.
Improved Paper Machinery Co., Nashua, N. H.
Smith & Winchester Mfg. Co., South Windham, Conn.
Ticonderoga Machine Works, Ticonderoga, N. Y.

9908—Molds for Electrical Insulation Work

Columbus Die, Tool & Machine Co. (Hard Fibre, Bakelite, etc.), 955 Cleveland av, Columbus, O.
TERKELSEN & WENNBERG, 328A, Boston, Mass. *See adv index at end of book*

9909— Molds (Gagger)

Wadsworth Core Machine & Equipment Co. (For Foundry Use), Akron, O.

9910— Molds (Glass House)

American Mold Co., 235 Cherry, Phila., Pa.
Ayars Machine Co., Salem, N. J.
Burns & Schilling, 589 Kent av, Brooklyn, N. Y.
Centre Foundry & Machine Co., Wheeling, W. Va.
Dixon H. L. Co. (Vanadium Steel, etc), Rosalyn Road, Pittsburgh, Pa.
Early W. J. & Sons (Ltd.) (Vanadium Steel, etc), 812 Sarah, Pittsburgh, Pa.
Evans Mold & Foundry Co., Uniontown, Pa.
Husted-Hall Mould Works, Bridgeton, N. J.
Indiana Mould & Machine Works, Muncie, Ind.
Kelly Nicholas & Son (Vanadium Steel, etc), 1704 Wharton, Pittsburgh, Pa.
Koeppen Mould Works, Marion, Ind.
McKee W. S., 107 Carson, Pittsburgh, Pa.
Maryland Mould & Foundry Co., Cumberland, Md.
Monumental Mould & Plate Co., 307 S Pace, Baltimore, Md.
Muncie Mould Works, Muncie, Ind.
Northrup B. D., Washington, Pa.
Olive Stove Works, Rochester, Pa.
Patch S. B. & Sons, Streator, Ill.
Rochester Mould & Machine Co., Rochester, Pa.
Valley Star Stove Co., Wheeling, W. Va.
Yockel Chas. & Sons, 1220 N Lawrence, Phila., Pa.
Zahniser Bros. & Stern (Vanadium Steel, etc), Washington, Pa.
Zanesville Mold Co., Zanesville, O.

9911—Molds (Gold & Silver Bullion)

KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
Vulcan Iron Works, 327 N Irving av, Chicago, Ill.

9912— Molds (Ingot)

Centre Foundry & Machine Co., Wheeling, W. Va.
Columbiana Boiler Co., Columbiana, O.
Garwood Bronze & Iron Works, Garwood, N. J.
Hyde Park Foundry & Machine Co., Hyde Park, Pa.
Interstate Foundry Co., E 61st & Erie R. R., Cleveland, O.
McCormack J. S Co., 25th & A. V. R. R., Pittsburgh, Pa.
McWilliams Thomas, 237 Eddy, Providence, R. I.
Marshall Foundry Co. (Cast Iron), Pittsburgh, Pa.
National Roll & Foundry Co., Avonmore, Pa.
Paxson J. W. Co., 1021 No Delaware av, Phila., Pa.
Penn Mold & Mfg. Co., The, Works: Dover, O. Main Office: German Bk. bldg, Wheeling, W. Va.
Sharon Foundry Co. (Steel), Wheatland, Pa.
Standard Machinery Co., Providence, R. I.
Valley Mould & Iron Co., Sharpsville, Pa.
Wheeling Steel Casting Co. (Steel), Wheeling, W. Va.

9913-14-15—Molds (Jelly)

Cassady Fairbank Mfg. Co. (Aluminum), 6126 S La Salle, Chicago, Ill.

9916—Molds (Lead Hammer)

Field Chas. H., 113 Point, Providence, R. I.

9917— Molds (Maple Sugar)

Grimm G. H. ("Carleton"), Rutland, Vt.

9917a— Molds (Porcelain)

Colonial Sign & Insulator Co. (For Surgeon's Rubber Gloves), Akron, O.

9918— Molds (Pottery)

CROSSLEY MACHINE CO., State & Chestnut av, Trenton, N. J.
See adv index at end of book

9919— Molds (Rubber)

ADAMSON MACHINE CO., Akron, O.
See adv index at end of book
Akron Equipment Co., Akron, O.
Akron Foundry Co. (All Sizes & Kinds), Akron, O.
Akron Rubber Mold & Machine Co., 917-923 Sweitzer av, Akron, O.
Arnold W. E., Malden, Mass.
Baker Wm. H., Trenton, N. J.
Barbour Bros., Trenton, N. J.
Barbour Stockwell Co., Cambridge, Mass.
Bay State Iron Works, Erie, Pa.
Birmingham Iron Foundry, Derby, Conn.

Bridgewater Machine Co., Akron, O.
Claflin Engng. Co., Lancaster, O.
Clark Edred W., Hartford, Conn.
CROSSLEY MACHINE CO. (Tire Moulds), State & Chestnut av, Trenton, N. J.
See adv index at end of book
Die Sinking & Machine Co., Akron, O.
Eggers Wm. J., 294 Taaffe pl, Brooklyn, N. Y.
ELMES CHAS. F. ENGINEERING WORKS (INC.), cor. Fulton & Sangamon, Chicago, Ill.
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Essex Rubber Co. (For Crockery), Trenton, N. J.
Goodyear Tire & Rubber Co., Akron, O.
Hoggson & Pettis Mfg. Co., New Haven, Conn.
Hollander & Johnson, Worcester, Mass.
Holmes Bros., 500 S Peoria, Chicago, Ill.
Housatonic Machine & Tool Co., Bridgeport, Conn.
Jones & Kuhlke, Akron, O.
Kohl Mfg. Co. (For Heels, Soles, etc.), 91 Wareham, Boston, Mass.
Logan Edw. Machine Co., Trenton, N. J.
McFarland Foundry & Machine Co., Trenton, N. J.
Mahlow & Wyckoff, Trenton, N. J.
Mechanical Mold & Machine Co., Akron, Ohio
Mueller Machine Co., Trenton, N. J.
Nitz & Darkow, Akron, O.
Paralite Co., Swetland bldg., Cleveland, O.
Standard Tire & Rubber Mfg. Co., Hippodrome bldg, Cleveland, O.
Stokes F. J. Machine Co. (Hard Rubber), 17th & Cambria, Phila., Pa.
TERKELSEN & WENNBERG (For Heels & Soles), 328A, Boston, Mass.
See adv index at end of book
Thropp Wm. R & Sons Co., Trenton, N. J.
THROPP'S JNO. E. SONS CO., ft. of Lewis, Trenton, N. J.
See adv index at end of book
WILLIAMS FOUNDRY & MACHINE CO. (Also Dies), Akron, O.
See adv index at end of book

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RUBBER MOLDS
CORES
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THE WILLIAM FOUNDRY AND MACHINE CO.
54-66 Cherry Street Akron, Ohio

9920— Molds (Rubber Tire)

Akron Gear & Engineering Co., Akron, O.
Akron Rubber Mold & Machine Co., Akron, O.
Bay State Iron Works, Erie Pa.
ELMES CHAS. F. ENGINEERING WORKS, INC., cor Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
Jones & Kuhlke, Akron, O.
Standard Tire & Rubber Mfg. Co., Hippodrome bldg, Cleveland, O.
Thropp Wm. R. & Sons Co., Trenton, N. J.
THROPP'S JNO. E. SONS CO., ft. of Lewis, Trenton, N. J.
See adv index at end of book

9921— Molds (Soap)

G. & P. Engraving Co., Wollaston, Mass.

9922— Molds (Soft Metal)

Fogg A. A. (Spelter Britannia Metal, Antimonial, Lead, etc.), Meriden, Conn.
Jeppener Paul (White Metal), 114 Center, New York.

9923— Molds (Split)

Marshall Fdry Co. (Cast Iron), Pittsburgh, Pa.

9924— Molds (Sugar)

Blymyer Iron Works Co., Cincinnati, O.

9925— Molds (Tack)

Haydenville Co., Haydenville, Mass.
Knapp Mfg. Co., 48 Warren, New York
Peck Bros. & Co., New Haven, Conn.
Rundle-Spence Mfg. Co., 63 2nd, Milwaukee, Wis.
Wolff L. Mfg. Co., 111 N Dearborn, Chicago, Ill.

9925a— Molds (Wooden)

Baker-McMillen Co. (For Surgeons' Rubber Gloves), Akron, O.

9926—Molybdate of Ammonia

Mineral Product Mfg. Co., Equitable bldg, Wilmington, Del.
YORK METAL & ALLOY CO., York, Pa.

9927— Molybdenite

American Metal Co. (Ores), 61 B'way, New York
Foote Mineral Co., 107 No 19th, Phila., Pa.

Molybdenum

See Ferro-Molybdenum

9927a—Molybdenum (Metallic)

Foote Mineral Co., 107 N 19th, Phila., Pa.
Pfanstiehl Co., No. Chicago, Ill.

9927b— *Monochrome

INNIS, SPEIDEN & CO., INC., 46 Cliff, New York *See adv index at end of book*

9928— Monograms

See also Name Plates

American Bronze Co., Berwyn, Pa.
Blackinton V. H. & Co., Attleboro Falls, Mass.
Chicago Art Metal Works, 300 W Lake, Chicago, Ill.
Enterprise Mfg. Co. (Harness), Akron, O.
Fine Horace E. Co. (Brass), Trenton, N. J.
Greacen Walter & Co. (Harness), 480 Washington, Newark, N. J.
Grote F. & Hubbell Co. (Iron), 82 4th av, New York
Knight H. W. & Son (Brass or White Metal Monograms & Trade Marks), Seneca Falls, N. Y.
Matthews Jas. H. & Co. (Automobile & Motor Boat), 3942 Forbes, Pittsburgh, Pa.
Mulhaupt F. Jos. (Metal), Lafayette, Ind.
Newark Brass Plate Engraving Co., 52 Lawrence, Newark
Reynold-Zahn Co. (Harness), 46 Mechanic, Newark, N. J.
Schneider Louis (Pocket Book), 249 Market, Newark, N. J.
Spanjer Bros. (Wood), ft Centre, Newark, N. J.
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.

9928a—*Mono-Rail Systems (Trolley & Trolley Tracks)

Cameron Engineering Co., East Stroudsburg, Pa. *See adv index at end of book*

9928b—Monorail Tracks (Hoists)

GILBERT-GRANT CO., 143 B'way, New York *See adv index at end of book*

9928c—Montejus (Automatic)

General Ceramics Co., 50 Church, New York
Lummus Walter E. Co. ("Metrolift"), 173 Milk, Boston, Mass.
Schutte & Koerting Co., 1251 N 12th, Phila., Pa.

Monuments & Statuary (Bronze)

See Bronze Monuments & Statuary

9928d— Mooring Rings

Thacher Geo. H. & Co., Albany, N. Y.

9929—Mop Sticks & Holders

See also Handles, Mop

Arcade Mfg. Co. ("Gem," "Freeport," "Arcade," "Standard," Screw, "Trojan"), Freeport, Ill.
Boyer A. Broom Co. ("Daisy" Spring Mop Sticks), Galesburg, Ill.
Cohankus Mfg. Co., Paducah, Ky.
Cupples Sam'l, Woodenware Co., 7th & Spruce, St. Louis, Mo.
Eagle Specialties Mfg. Co., Jamestown, N. Y.
Ely T. J. Mfg. Co. ("Dandy," "Domestic," "Janitor" & "Keane Pat'n"), Erie, Pa.
Erie City Mfg. Co. ("Arrow"), Erie, Pa.
Hagglund H. E. ("New Departure), 410 W Elm, Chicago, Ill.
Mason Mfg. Co. ("Invisible," "Taylor," "Eureka," "Smith American" & "Star"), Perkinsville, Vt.
Parks & Parks ("Trojan" & "Taylor"), Troy, N. Y.
Peirce W. E. & Co., Milford, N. H.
Stover Mfg. Co., ("Trojan" & "Keene Pat'n"), Freeport, Ill.

9930—Mops (Cloth, Combination Wringers, Etc.)

American Bread & Pastry-Board Co. ("Harris," Self-Wringing), Cambridge, O.
Atlanta Variety Works, Atlanta, Ga.
Auburn Brush Co., Auburn, Me.
Bay State Brush & Mop Co., Woburn, Mass.
Bay State Mop Co. (All Kinds), Woburn, Mass.
Brush Mop Co. ("Brush"), 419 Lafayette, New York
Cedar-Sweep Co. ("C. S. C." Dustless), Los Angeles, Cal.
Channell Chemical Co. ("O-Cedar"), 1423 Carroll av, Chicago, Ill.
Coffin Stanley H. ("Stanley"), 12 Pearl, Boston, Mass.
Dunlap Mfg. Co. ("Oil of Gladness"), Bloomington, Ill.
Eagle Woodenware Mfg. Co. ("Rex" Dish Mops, etc), Hamilton, O.
Eilert C. H. (Floor & Dish), Evansville, Ind.
Ely T. J. Mfg. Co. ("Dandy"), Erie, Pa.
Erie City Mfg. Co. ("Arrow," Self Wringing), Erie, Pa.
Erie Mop & Wringer Co., Erie, Pa.
Hamblin & Russell Mfg. Co. ("Champion" Self Wringing), Worcester, Mass.
Hilker Edward Mop Co. ("Hilker" Self Wringing & Oil), 2614 W Grand av, Chicago, Ill.
Hoag Duster Co. ("Iowa" Salutary), Monticello, Ia.
HOWARD DUSTLESS DUSTER CO. (Wet & Dry), 290 Franklin, Boston, Mass.
Hunter Brush Mfg. Co., Blanchester, O.
Imboden I. C. Co. ("I. C. I." Easy Wringing), Cleona, Pa.
Massasoit Mfg. Co., Fall River, Mass.
Meerse J., 1960 W 6th, Cincinnati, O.
Milton Chemical Co. ("B. B." Dustless, Floor & Dustless Dust Cloths, also Chemically Treated Cloth), 156 Sixth, Cambridge, Mass.
Mishler Mfg. Co. (Cotton & Linen Mop Cloths), Smithville, O.
No-Mar Mfg. Co. ("No-Mar" Chemical Dust Mops), Cleveland, O.
O-So-Ezy Products Co., 1423 Carroll av, Chicago, Ill.
Ohio Duster Co. ("Elite" Chemical), Cleveland, O.

MOPS (CLOTH. COMBN. WRINGERS, ETC.)—continued

Opie J. W. Brush Co. (Mop Wringers Only), Kansas City, Mo.
Pioneer Mfg. Co. ("Shino" Chemical Dust Mop), Harvard av & E 103d, Cleveland, O.
Plunkett Chemical Co. (Self-adjusting Handle), 2540 Cottage Grove av, Chicago, Ill.
Richards Fred J., Springfield, Mass.
Sterling Mfg. Co., Reading, Mass.
Stover Mfg. Co. ("Ideal" Spring, "Ideal" Screw, Lever Spring, etc), Freeport, Ill.
Toothey M. J. Co., Fall River, Mass.
U. S. Mop Co. ("Easy" Wringer Mop), Toledo, Ohio
Wax Brush Co. ("Bewaxo"), 56 Sanford, Boston, Mass.
White J. A., Oxford, O.
Wizard Products Co. ("Wizard" Triangle Polish Dust Absorbing Mops), 1444 W 37th, Chicago, Ill.

9931— Mops (Cotton)

Alabama Broom & Mattress Co., Huntsville, Ala.
Bix Janitor Supply Co. ("Bix"), 119 Pine, St. Louis, Mo.
Blakely Jno. & Son, 1089 Gtn. av, Phila., Pa.
Bromwell Brush & Wire Goods Co., 612 W 6th, Cincinnati, O.
Burdett Mfg. Co., Kansas City, Mo.
Central Mills Co., Southbridge, Mass.
Channell Chemical Co. ("O-Cedar"), 1423 Carroll av, Chicago, Ill.
Chattanooga Broom & Mop Co., Chattanooga, Tenn.
Cohankus Mfg. Co., Paducah, Ky.
Dale Margaret, Arlington, Mass.
Eagle Specialty Mfg. Co. ("Invincible Helper"), Jamestown, N. Y.
Ellert C. H. ("Home," "Eclipse," "Economy," "Diamond"), Evansville, Ind.
Estes Mills ("O K" "Alpha," "Acme," "Slasher" & "Bee" Floor & Dish Mops), Fall River, Mass.
Fricke J. E. Co., 247 Market, Phila., Pa.
Hall, Lincoln & Co., 154 Milk, Boston, Mass.
Hall W. & Co., Lansdowne, Pa.
Hooper Sons Mfg. Co., Juniper & Cherry, Phila., Pa.
Maddock Textile Co., Milford Centre, O.
Massasoit Mfg. Co., Fall River, Mass.
Milton Chemical Co. ("B. B.") 156 Sixth, Cambridge, Mass.
Nawrath J. P. & Co., 109 Wooster, New York
O-So-Ezy Products Co., 1423 Carroll av, Chicago, Ill.
Richards Fred J., Springfield, Mass.
Sanderson L. M. (Dish), Haydenville, Mass.
Sanitary Stamped Ware & Specialties Co. (Dish, Toilet, Floor, etc), 415 W B'way, New York
Southern Millls Corp'n, Oxford, Ala.
TATE E. H. MOP & CORDAGE CO. ("Best Quality"), 15 Chardon, Boston, Mass.
Tate Mfg. Co., 48 Hanover, Boston, Mass.
Toohey M. J. & Co., Fall River, Mass.
Tuscaloosa Mills, Tuscaloosa, Ala.
Yocona Mills, Water Valley, Miss.

9932— Mops (Polish)

Channell Chemical Co. ("O-Cedar"), 1419 Carrol av, Chicago, Ill.
Duncan Bros. Mop Co., 2614 Grand av, Chicago, Ill.
Hayden E. W. Co., Toledo, O.
O-So-Ezy Products Co., 1423 Carroll av, Chicago, Ill.
Pioneer Mfg. Co. ("Shino"), Harvard av & E 103rd, Cleveland, O.
Restorall Products Co., 189 Pearl, New York
Tate E. H. Mop & Cordage Co. ("Best Quality"), 15 Chardon, Boston, Mass.

9933— Mops (Roofing)

Barrett Co., 17 Battery pl, New York
Opie J. W. Brush Co., Kansas City, Mo.
Tate E. H. Mop & Cordage Co. ("Best Quality") 15 Chardon, Boston, Mass.

9934— Mordants

Providence Drysalters Co., East Greenwich, R. I.

9935— Morphine

McKesson & Robbins, 91 Fulton, New York
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Merck & Co., 45 Park pl, New York
New York Quinine & Chemical Works, 114 William, New York
Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.

9936— Mortar Color Mfrs.

Atlas Co., Lincoln, N. J.
Atlas Paint Co., Sharpsburg, Pa.
Cabot Samuel (Inc.), 141 Milk, Boston, Mass .
Calvert Mortar Color Works, Warner & Wooster, Baltimore, Md.
Cambria Paint & Color Co. (Ltd.), Johnstown, Pa.
Chattanooga Paint Co. ("Eclipse), Chattanooga, Tenn.
Cleveland Iron Ore Paint Co., Cleveland, O.
Clinton Metallic Paint Co., Clinton, N. Y.
Connors Wm. Paint Mfg. Co., Troy, N. Y.
Doggett Stanley, 11 Cliff, New York
Erwin Henry & Sons, Bethlehem, Pa.
Ferris Warren B. Brick Co., Columbus, O.
French Saml. H. & Co., 4th & Callowhill, Phila., Pa.
Horn A. C. Co., Bodine, Long Island City, N. Y.
Imperial Paint Co. ("Imperial"), 80 10th, Long Island City, N. Y.
Jamestown Paint & Varnish Co., Jamestown, Pa.
Lancaster Paint & Glass Co., Lancaster, Pa.
Lookout Paint Mfg. Co., Chattanooga, Tenn.
Macneal James B. & Co., Warner & Wooster, Baltimore, Md.
Mepham G. S. & Co., 20th & Lynch, East St. Louis, Ill.
Parker, Preston & Co., Norwich, Conn.
Pecora Paint Co., Sedgley av, Phila, Pa.
Pittsburgh Iron Paint Co. ("Keystone"), N S. Pittsburgh, Pa.
Prince Mfg. Co., 165 Broadway, New York
Ricketson Mineral Paint Works ("Red Brick"), South Bay, Milwaukee, Wis.
Roll Mfg. Co., Nottingham, O.
Toch Bros. ("Edinburgh"), 320 5th av, New York
Waldo E. M. & F. (Selling Agents), 11 Broadway, New York
Wells Jas. M. Co. ("Colorific"), Ogdensburg, N. Y.
Wilhelm A. Co., Reading Pa.
WILLIAMS C. K. & CO., Easton, Pa.

9937—Mortar (Patent Soapstone)

American Soapstone Finsh Co., Chester Depot, Vt.

9938— Mortar (Prepared)

Atlas Mixed Mortar Co., Ry Exch bldg, Portland, Ore.
Higginson Mfg. Co. ("Higginson's," for Plastering & Finishing Walls), Newburgh, N. Y.
Hydrated Lime Bureau, Arrott bldg, Pittsburgh, Pa.

9939— Mortars (Crushing)

American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.

9940— Mortars (Drug)

Sperry D. R. & Co., Batavia, Ill.

9940a—*Mortars (Porcelain)

Ohio Pottery Co., Zanesville, Ohio
See adv index at end of book

9940b—Mortars (Turned Wood)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

9941—Mortisers (Chain Saw)

New Britain Machine Co. ("New Britain"), 190 Chestnut, New Britain, Conn.

Mortisers (Hollow Chisel)

See Hollow Chisel Mortising Machines

Mortisers (Sash Pulley)

See Pulley Mortising Machines

9942— Mosaic Cube Importers

Jackson C. D. & Co., 105th & E. R., New York
Pisani Bros., 815 Vernon av, Astoria (Boro. of Queens), N. Y.
Rossman Robt. Co., 154 W. 49th, New York
Tompkins, Kiel Marble Co., 505 5th av, New York
Toscani J. L. Co., 930 E 178th, New York
Whitestone Marble Co. (Domestic Mfrs), Atlanta, Ga.

Mosaic Floors (Hardwood)

See Floors, Parquet

Mosaics (Ceramic)

See Mosaics, Floor

9943— Mosaics (Floor)

Alexander & Reid Co. (Circular), 355 W 36th, New York
American Marble Mosaic Co., 534 Market, Milwaukee, Wis.
Art Mosaic & Tile Co., Toledo, O.
Batterson & Eisele, Main Office & Works: Edgewater, N. J.
Belfi Bros. & Co., 1933 Market, Phila., Pa.
Brooklyn Vitrified Tile Works, 92 3rd, Brooklyn, N. Y.
Caretti John & Co., 53 Austin, Chicago, Ill.
Cassini Mosaic & Tile Co., 1027 B'way, Cincinnati, O.
Central Mosaic & Tile Co., Memphis, Tenn.
Church Art Work Co., Mt. Vernon, N. Y.
Corning John Herbert, 520 13th N. W., Washington,, D. C.
Daprato Statuary Co., 766 W. Adams, Chicago, Ill.
Davia Bros., 151 W 24th, Chicago, Ill.
Davis Marble Co., 1450 W North av, Chicago, Ill.
De Paoli Mosaic Association, 10 Damrell S Boston, Mass.
Drake Marble & Tile Co., 607 2nd av S, St. Paul, Minn.
Hawes & Dodd, 59 E Adams, Chicago, Ill.
Illinois Mosaic Tile Co., 3601 S Ashland av, Chicago, Ill.
Italian Marble Mosaic Co., 431 Spruce, Phila., Pa.
Italian Mosaic & Marble Co., Buffalo, N. Y.
Jackson Wm. H. Company, 2 W 47th, New York
Keating M. & Son Co., 4046 Wentworth av, Chicago, Ill.
Kramig R. E. & Co., 8th & Eggleston av, Cincinnati, O.
Lage B. H., 484 Greenwich, New York
Lautz Co., Buffalo, N. Y.
Lorenzen Chas. F. & Co., 105 N Clark, Chicago, Ill.
McLaury D. H. Tile Co., 103 Park av, New York
Mart & Lawton, 1123 B'way, New York
Marthens Chester N. Marble Co., W 53d & Wallace, Chicago, Ill.
Martina Mosaics Co., 132 E Pearl, Cincinnati, O.
National Mosaic Co., 338 Pennsylvania av, Washington, D. C.
National Mosaic Tile Co., 2100 S Kedzie av, Chicago, Ill.
New England Marble Mosaic Co-Operative Co., 147 Orleans, E B. Boston, Mass.
Northwestern Marble & Tile Co., 27th av S & 27th, Minneapolis, Minn.
Pelli Alexander & Co., 509 E 120th, New York
Pickel Marble & Granite Co., 1901 N B'way, St. Louis, Mo.
Rinaldi Tile Co., 263 Atlantic av, Boston, Mass.
Roman Mosaic & Tile Co., Inc., 435 Green, Phila, Pa.
Rossman Robert Co., 154 W 49th, New York
Seifert Frank A. Plastic Relief Co., 2627 Dayton, St. Louis, Mo.
Sharpless & Watts Co., 1520 Sansom, Phila., Pa.
Shipway Jno. H. & Bro., Locust av & E 136th, New York
Standard Mosaic Tile Co., 525 S Peoria, Chicago, Ill.
Thormann Jno. H. & Co., 530 W Barre, Baltimore, Md.

Tiffany Studios, 361 Madison av, New York
Toscani Jno. L. Co., 930 E 178th, New York
Traitel Marble Co., Webster av & E. R., Long Island City, N. Y.
Twin City Tiling Co., 16 W North av N S, Pittsburgh, Pa.
Venetian Marble Mosaic Art Co., 211 Monroe, Detroit, Mich.
Venetian Mosaic & Granitoid Co., 2233 Clark av, St. Louis, Mo.
Waterman & Judge, 1 Washington, Boston, Mass.
Weary & Beck, 1907 S Michigan av, Chicago, Ill.

9944— Mosaics (Glass)

American Mosaic & Tile Co., Louisville, Ky.
Batterson & Eisele, Main Office & Works: Edgewater, N. J.
Giannini & Hilgart, 222 W Madison, Chicago, Ill.
Tiffany Studios, 361 Madison av, New York
Toscani Jno. L. Co., 930 E 178th, New York

Mosaics (Marble)

See Mosaics, Floor

Mosaics (Roman & Venetian)

See Mosaics, Floor

9945— Moss

American Fiber Co., Jacksonville, Fla.
Atkins & Durbrow, 157 Water, New York
Payne & Co., Dayton, O.
Philadelphia Excelsior Co., 716 N 3d, Philadelphia, Pa.

9946— Moss (Irish)

Bird J. A. & W. & Co. (Imp. Unground & Ground), 88 Pearl, Boston, Mass.
Haskins L. M., 131 State, Boston, Mass.
Keller Robert, 324 N 3d, Phila., Pa.
Kiewert Chas L. Co., 114 Huron, Milwaukee, Wis.
Schwenker W. M., 342 E 92d, New York

9947— Moss (Peat)

Atkins & Durbrow ("O. K. Holland"), 157 Water, New York
Schellings C. J. & Co. (Imp), 160 Pearl, New York

9948— Moss (Sea)

Boston Excelsior Co., 11th av & 29th, New York
Payne & Co., Dayton, O.
Philadelphia Excelsior Co., 716 N 3d, Philadelphia, Pa.
Selle H. W. & Co., 1000 N Halsted, Chicago, Ill.

9949— Moss (Tree)

Borgwardt & Ernst Co., 1234 W Chicago av, Chicago, Ill.
Boston Excelsior Co., 11th av & 29th, New York
Giles Geo., Ocala, Fla.
Kohlmann Moss & Cotton Felt Co., New Orleans, La.
Luce Geo. D., Hagan av & St. Peters, New Orleans, La.
Phoenix Furniture Co., Charleston, S. C.
Schloss E. (Est. of), Baton Rouge, La.

9950— Motions (Reducing)

Ashcroft Mfg. Co. ("Houghtaling" for Indicators), 119 W 40th, New York
Bacharach Industrial Instrument Co. ("Stanek," "Maihak"), 14 Wood, Pittsburgh, Pa.

9951—Motor Boat, Launch & Yacht Builders

For Designers see Architects, Naval; see also Ship Builders

Abercrombie & Fitch Co. (Motor Canoes), Madison av & 45th, New York
Adams Ship Building Co., East Boothbay, Me.
Albany Boat Corp'n, Watervliet, N. Y.
American Boat Co. (Cat), Detroit, Mich.
Atlantic Boat Co. (Power Boats, Dory Skiffs, Launches, etc), Amesbury, Mass.
Benton Electric Co. (Launches), La Crosse, Wis.
Bridgeport Motor Co., Bridgeport, Conn.
Burger Boat Co., Manitowac, Wis.
Burgess W. Starling Co. (Ltd.), (Yachts), Marblehead, Mass.
Camden Anchor-Rockland Machine Co., Camden, Me.
Cape Cod Power Dory Co. (Cruisers, Dories, Fishing Boats, etc.), Wareham, Mass.
Carleton Canoe Co. (Boats & Canoes), Old Town, Me.
Champaign Bros., Ithaca, N. Y.
Chesapeake Launch & Motor Co., Norfolk, Va.
College Point Boat Corp. (Wooden), College Point, L. I., N. Y.
Cooley Wright Mfg. Co., Waterbury, Vt.
Darrow F. H. Steel Boat Co., Albion, Mich.
Dean Chas. A. (Boats), Alexandria, Va.
De Foe Boat & Motor Works, Bay City, Mich.
Detroit Boat Co. (Gasoline, Wooden Boats, Launches & Canoes), Detroit, Mich.
Dunphy Boat Mfg. Co., Eau Claire, Wis.
Elco Co. ("Elco" Motor Boats, Launches & Yachts), Bayonne, N. J.
Electric Boat Co. (Submarine Boats), Groton, Conn.
Fairfield Auto Co. (Auto Boats, Launches, etc), Bridgeport, Conn.
Fay & Bowen Engine Co., Geneva, N. Y.
Fry L. E. & Co. (Boats), Clayton, N. Y.
Gas Engine & Power Co. & Chas. L. Seabury Co., Cons. (Naphtha, Alco-Vapor & Gasoline Auto Boats & Launches & Steam & Sail Yachts), Morris Heights, New York
GRAY-HAWLEY MFG. CO. ("American Beauty" Dingheys, Row Boats, etc.), 937 E Jeff av, Detroit, Mich.
Great Lakes Boat Building Corp., 333 Becher, Milwaukee, Wis.
Hacker John L. Boat Co., Watervliet, N. Y.
Hansen A. (Motor Boats & Launches), ft 58th, Brooklyn, N. Y.
Herreshoff Mfg. Co. (Yachts, etc), Bristol, R. I.
Hodgdon Bros. (Boats), East Boothbay, Me.
Holland Torpedo Boat Co., Groton, Conn.
Hunter-Everett Boat Co. (Motor Boats, Launches, etc), McHenry, Ill.
Jacob Robt. (Yachts), City Island, N. Y.
Kneass Geo. W., 18th & Illinois, San Francisco, Cal.
Kyle & Purdy (Yachts), 282 King av, City Island, N. Y.
Lake Erie Drydock & Mill Co., Sandusky, O.
Lake Shore Engine Works (Motor Boats, Launches, etc), Marquette, Mich.
Lake Torpedo Boat Co. (Submarine Boats), Bridgeport, Conn.
Lawley Geo. & Son Corp., Neponset, Boston, Mass.
Leyare Boat Works, Ogdensburg, N. Y.
Luders Marine Construction Co., Stamford, Conn.
Mathis Yacht Building Co., Camden, N. J.
Matthews Co., Port Clinton, O.
Michigan Steel Boat Co. (Steel Launches, Row Boats, Canoes, etc), Detroit, Mich.
Miller Geo. H. (Yachts), Patchogue, N. Y.
Milton Boat Works (Boats, Yachts, etc), Rye, N. Y.
Moore Sam'l L. & Sons, Elizabeth, N. J.
Mullins W. H. Co. (Pressed Steel), 341 Franklin, Salem, O.
Munn Thos. C. Co., Wilmington, Del.
Murray & Tregurtha Co. (Yachts, Launches, etc), 340 W 1st, South Boston, Mass.
National Boat & Engine Co. of Florida, Jacksonville, Fla.
N. Y. Yacht, Launch & Engine Co., Morris Heights, N. Y.
Niagara Motor Boat Co., North Tonawanda, N. Y.
Nock F. S. (Boats, etc), East Greenwich, R. I.
Palmer Bros., Coscob, Conn.
Peo Leon L. & Co. (Launches, etc), Cape Vincent, N. Y.
Pioneer Boat & Pattern Co., Bay City, Mich.
Poekel T. Sch. & Co., Neponset, Boston, Mass.
Pusey & Jones Co. (Yachts), ft Poplar, Wilmington, Del.
Racine Boat Co. (Gasoline & Steam Launches, Sailing Yachts, etc), Racine, Wis.
Ramaley Boat Co., Wayzata, Minn.
Raulf Mfg. Co. (Steel), 560 Vedder, Chicago, Ill.
Red Wing Motor Co., Red Wing, Minn.
Rippley Mfg. & Steel Boat Co. (Steel), Grafton, Ill.
Ruddock Yacht Works (Auto Boats, Launches, etc), 213th & Harlem River, New York
Rushton J. H. (Boats, Canoes, etc), Canton, N. Y.
Schaefer Mfg. Co., Berlin, Wis.
Smith & Williams Co. (Boats), Salisbury, Md.
Stamford Motor Co. (Launches, Motor Boats, etc), Stamford, Conn.
Stearns & McKay Co. (Launches, Yachts, etc), Marblehead, Mass.
Susquehanna Marine Works Co. (Yachts, Boats, Launches, etc), Havre de Grace, Md.
Toppan Boat Mfg. Co. (Dories, Launches, etc), 87 Washington No., Boston, Mass.
Twigg Jno. & Sons, 698 Illinois, San Francisco, Cal.
Valley Boat Co., Saginaw, Mich.
Versoy Irving R., Morris Cove, New Haven, Conn.
Welin Marine Equipment Co. (Bronze Boats), 395 Vernon av, Long Island City, N. Y.
Weller's Hiram Sons Co., Trenton, N. J.
White E. M. & Co. ("White" Motor Boats), Old Town, Me.
Winona Machine & Boat Works (Launches), Winona, Minn.
Wright U. G., Paulsboro, N. J.

9952— Motor Cloth

Boston Woven Hose & Rubber Co., ("Rubberized" "Twintite"), Cambridge, Mass.
Standard Paint Co., ("Ru-ber-oid"), 233 Broadway, New York

9952a—*Motor Cycle Frame Parts

STANDARD PARTS CO., Cleveland, O.
See adv index at end of book

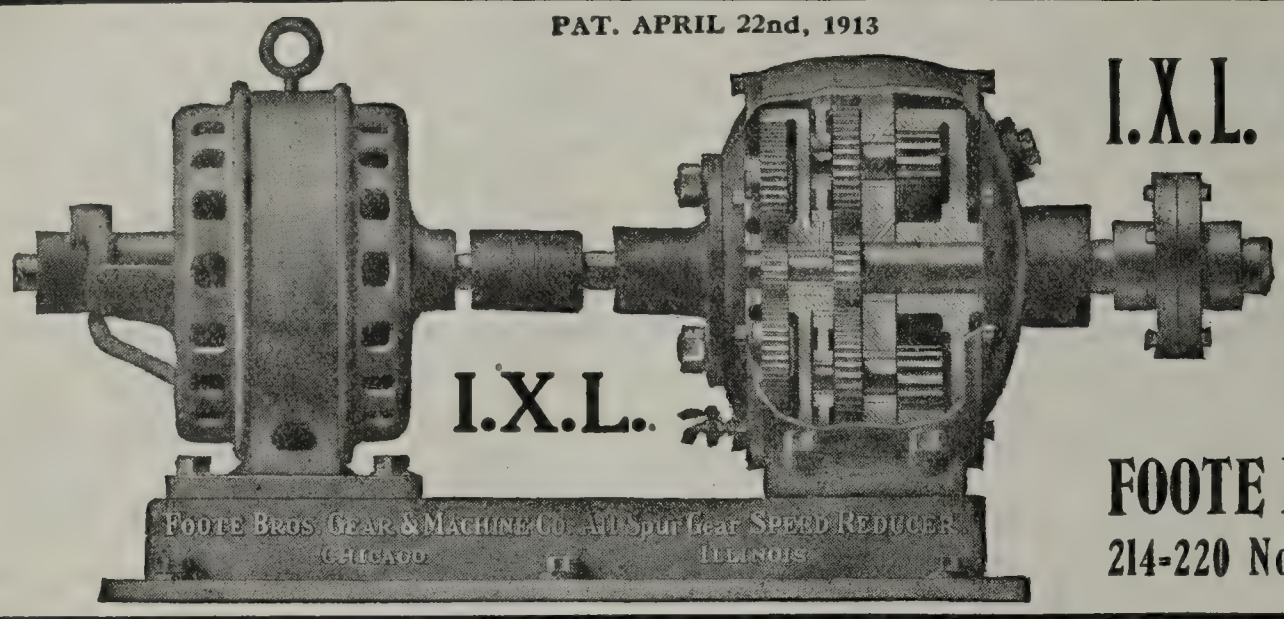
9953— *Motor Cycle Parts

DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book
MATTHEWS MFG. CO., 104 Gold, Worcester, Mass.
See adv index at end of book
Otter Mfg. Co., Inc., 243 W 17th, New York

9954— Motor Cycles

See also Bicycle Manufacturers

Aurora Automatic Mach'y Co. ("Thor"), 1307 S Michigan av, Chicago, Ill.
Cleveland Motor Cycle Mfg. Co. ("Cleveland' Light Weight), 7209 Platt av, Cleveland, O.
Cyclemotor Corp., 149 Cady, Rochester, N. Y.
Davis Sewing Machine Co. ("Dayton"), Dayton, O.
Emblem Mfg. Co., Angola, N. Y.
Excelsior Motor Mfg & Supply Co. ("Excelsior"), 3701 Cortland, Chicago, Ill.
Great Western Mfg. Co. ("Crown"), La Porte, Ind.
Harley-Davidson Motor Co., 3732 Chestnut, Milwaukee, Wis.
Hendee Mfg. Co. ("Indian"), Springfield, Mass.
Henderson Motor Cycle Co., 1158 Cass av, Detroit, Mich.
Ives Mfg. Co., Owego, N. Y.
Johnson's Iver Arms & Cycle Works ("Iver Johnson"), Fitchburg, Mass.
Miami Cycle & Mfg. Co. ("Flying Merkel"), Middletown, O.
Motorcycle Equipment Co. ("Marvel"), Hammondsport, N. Y.
Paramount Motor Co. ("Paramount"), Columbus, O.
Peerless Motorcar Co., 660 Beacon, Boston, Mass.
Pope Mfg. Co. ("Pope"), Hartford, Conn.
Reading Standard Co. ("R.-S."), Reading, Pa.
Schickel Motor Co., Stamford, Conn.
Shaw Mfg. Co. ("Shaw" & "Kokomo"), Galesburg, Kan.
Waverly Mfg. Co. ("Jefferson"), Jefferson, Wis.
Westfield Mfg. Co., Westfield, Mass.



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9954a—*Motor Generators (Battery Charging)

Carter Electric Co., Atlanta, Ga.
Eck Dynamo & Motor Co., Belleville, N. J.
See adv index at end of book
GENERAL ELECTRIC CO., Schenectady, N. Y.
See adv index at end of book
Lincoln Electric Co., Cleveland, Ohio

9955—*Motor High Speed Reducers

FOOTE BROS. GEAR & MACHINE CO., 210 N Carpenter, Chicago, Ill.
See adv index at end of book
GANSCHOW WM. CO., 1001 Washington blvd., Chicago, Ill.
See adv index at end of book

9956—*Motor Speed Reduction

FOOTE BROS. GEAR & MACHINE CO., 210 N Carpenter, Chicago, Ill.
See adv index at end of book
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book

9957— Motor Starters

See also Rheostats

Allen-Bradley Co. ("Allen-Bradley" Automatically), 495 Clinton, Milwaukee, Wis.
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
CUTLER-HAMMER MFG. CO. (For All Purposes), 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Detroit Fuse & Mfg. Co. ("Detroit" Three Phase), 1400 Rivard, Detroit, Mich.
Dyneto Electric Corp., Syracuse, N. Y.
ELECTRIC CONTROLLER & MFG. CO. (Hand & Automatic), Cleveland, O.
See adv index at end of book
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Industrial Controller Co. ("A. C. & D. C.") 890 Greenbush, Milwaukee, Wis.
Rowen Controller Co., 308 N Holliday, Baltimore, Md.
Sevison Electric Co., Elkhart, Ind.
Union Electric Mfg. Co., 110 Reed, Milwaukee, Wis.
Wagner Elec. Mfg. Co., 6400 Plymouth, St. Louis, Mo.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9958-9—Motors (Adjustable Speed)

Eck Dynamo & Motor Co., Belleville, N. J.
See adv index at end of book
Ideal Electric & Mfg. Co., Mansfield, O.
Imperial Eleectric Co., Akron, O.
RELIANCE ELECTRIC & ENGINEERING CO., 1064 Ivanhoe rd, Cleveland, O.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Motors (Aeronautical)

See Engines, Airplane

9960— Motors (Air)

Cleveland Pneumatic Tool Co., 6410 Hawthorne, Cleveland, Ohio
Dake Engine Co. ("Dake" Reversible), Grand Haven, Mich.
DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*
Independent Pneumatic Tool Co., 1307 Michigan av, Chicago, Ill.
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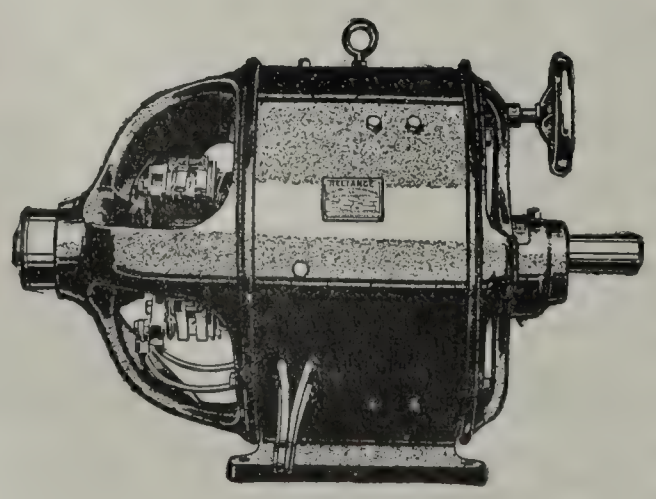
See adv index at end of book
Roto Co. ("Roto") Hartford, Conn.
Underwood H. B. & Co., 1025 Hamilton, Phila., Pa
Upion Machine Co., 183 University av, St. Paul, Minn.
Universal Machinery Co., 784 30th, Milwaukee, Wis.

9961—Motors (Alternating Current)

For Motors, Direct Current, see Firms in Dynamo & Motor Mfrs. with the word Direct following their name
Advance Electric Co., 20 N Commercial, St. Louis, Mo.
ALLIS-CHALMERS CO. ("Bullock"), Milwaukee, Wis.
See adv index at end of book
Bell Electric Motor Co., Garwood, N. J.
Bissell F. Co. (Small Motors), Toledo, O.
Burke Electric Co., Erie, Pa.
Century Electric Co., 19th & Pine, St. Louis, Mo.
Crocker-Wheeler Co., Ampere, N. J.
Diehl Mfg. Co. (Polyphase), Elizabeth, N. J.
Emerson Elec. Mfg. Co., 2024 Wash. av. St. Louis. Mo.
Fairbanks Morse & Co., 900 S Wabash av. Chicago, Ill.
Fidelity Elec. Co., Lancaster, Pa.
Forbes & Myers (Special small), 169 Union, Worcester, Mass.
See adv index at end of book
Fort Wayne Electric Works of General Electric Co., Ft. Wayne, Ind.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Holtzer-Cabot Electric Co., 125 Amory, Boston, Mass.
Ideal Electric & Mfg. Co., Mansfield, O.
Imperial Electric Co., Akron, O.
Kimble Electric Co. ("Kimble-Gregory"), 634 N Western av, Chicago, Ill.
Lincoln Electric Co., Cleveland, O.
Northwestern Mfg. Co., 482 Clinton, Milwaukee, Wis.
Pan Electric Mfg. Co., 735 S 4th, St. Louis, Mo.



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Phoenix Electric Co., Mansfield, O.
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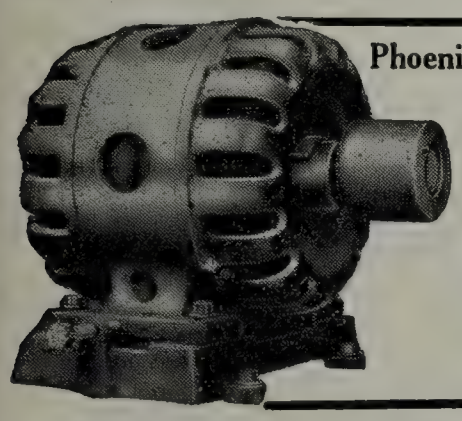


Phoenix Electric Co.
Mansfield, O.
Manufacturers
of
Alternating Current Motors

RELIANCE ELECTRIC & ENGINEERING CO., 1064 Ivanhoe rd, Cleveland, O.
See adv index at end of book
Richmond Electric Works, McDonough, Richmond, Va.
Robbins & Myers Co. (Up to 30 Horse Power), 1400 Lagonda av, Springfield, Ohio.
Roth Bros. & Co., 1400 W Adams, Chicago, Ill.
Star Dynamo Co., Jefferson City, Mo.
TRIUMPH ELECTRIC CO., Oakley, Cincinnati, O. *See adv index at end of book*
Wagner Electric Mfg. Co.. (Single & Polyphase), 6400 Plymouth av, St. Louis, Mo.
Wesche B. A. Electric Co., 327 W 6th, Cincinnati, Ohio
WESTINGHOUSE ELEC. & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Motors (Automobile)

See Engines, Automobile; also Engines, Gas or Gasoline; also Engines, Marine, Gasoline; also Motors, Electric

9962—Motors (Battery or Toy)

Carlisle & Finch Co., 229 E Clifton av, Cincinnati, O.
H-K Toy & Novelty Co., Indianapolis, Ind.
Interstate Electric Novelty Co., 104 S 4th, New York
Kendrick-Davis Co., ("Porter," "Ajax," "K.-D.," "Kent," "Tesla," "Rex," Standard," "Manchester," "Juno"), Lebanon, N. H.
Knapp Electric & Novelty Co. ("Kenco," Little Hustler"), 511 W 51st, New York
Lionel Mfg. Co. ("New Departure"), 48 E 21st, New York
Menominee Electric Mfg. Co. ("Days"), Menominee, Mich.
Ohio Electric Works ("Albert'), Cleveland, O.
Rittenhouse A. E. Co., Honeoye Falls, N. Y.
Swope Henry R., 120 N 7th, Phila., Pa.
Voltamp Electric Mfg. Co., 407 N Paca, Baltimore, Md.

9963—*Motors (Brick Plants)

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9964— Motors (Buffing)

Bell Electric Motor Co., Garwood, N. J.
Century Electric Co., 19th & Pine, St. Louis, Mo.
Cushman Electric Co. ("Cushman," Buffing & Polishing), Concord, N. H.
Dilg Mfg. & Trading Co. ("Acme," for Polishing & Refinishing Silverware & other Metal Ware for Hotels, Clubs, etc), 401 E 163d, New York
Forbes & Myers ("Forbes & Myers"), 169 Union, Worcester, Mass.
See adv index at end of book
Holtzer-Cabot Electric Co. (Electric Alternate Grinding & Buffing), 125 Amory, Boston, Mass.
Ideal Electric & Mfg. Co., Mansfield, O.
Imperial Electric Co., Akron, O.
Northwestern Mfg. Co., 482 Clinton, Milwaukee, Wis.
Robbins & Myers Co., 1400 Lagonda av, Springfield, O.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9965—*Motors (Cement Mills)

Lincoln Electric Co., Cleveland, Ohio
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9966— Motors (Dental)

Electro Dental Mfg. Co., 33d & Arch, Phila., Pa.
Holtzer-Cabot Elec. Co., 125 Amory, Boston, Mass.
Robbins & Myers Co. (Direct & Alternating Current), 1400 Lagonda av, Springfield, O.
WESTINGHOUSE ELECTRIC & MFG. CO. East Pittsburgh, Pa.
See adv index at end of book

Motors (Direct Current)

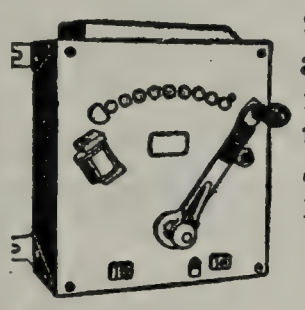
See Dynamo & Motor Manufacturers

9967—*Motors (Direct Current Railway)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9968— Motors (Electric)

See also Dynamo & Motor Manufacturers
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Arnold Electric Co., Racine, Wis.
Arrow Mfg. Co. ("Arrow"), Toledo, O.
Arvac Mfg. Co. ("Jenny"), Anderson, Ind.
Bell Electric Motor Co. (Single Phase Alternating & Direct), Garwood, N. J.
Benton Electric Co. ("Multi-Polar" & "Bi-Polar" Direct Current), La Crosse, Wis.
Braun Electric Mfg. Co., (Fractional H. P. Universal Motors) Dover, Ohio
Burke Electric Co. ("Burke"), (Direct & Alternating), Erie, Pa.
Century Electric Co. ("Century," Single Phase), 19th & Pine, St. Louis, Mo.
Cline Electric Mfg. Co. (For Printing Machy.), Fisher bldg, Chicago, Ill.
Crocker Wheeler Co., Ampere, N. J.
Cushman Elec. Co. ("Cushman" Variable Speed & Direct & Alternating Current), Concord, N. H.



Starting rheostats and speed regulators for all types of electric motors.

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12th St. & St. Paul Ave. Milwaukee, Wis.

C. & C. Electric & Mfg. Co. (3 to 500 H. P.), Garwood, N. J.
Dayton Electrical Mfg. Co. (Up to ½ H. P.), Dayton, O.
Diehle Mfg. Co. (Vehicle), Elizabeth, N. J.
Dilg Mfg. & Trading Co., 401 E 163rd, New York

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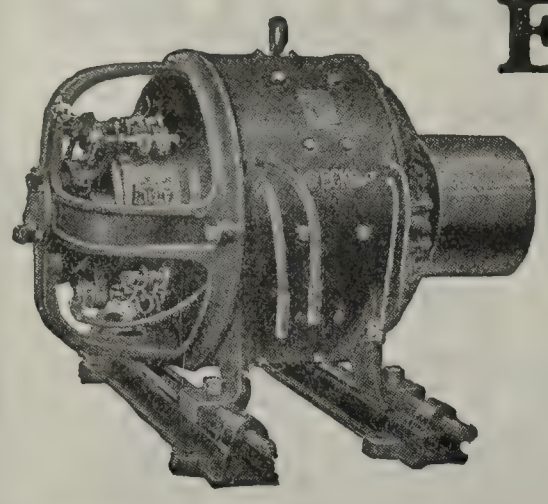

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MOTORS (ELECTRIC)—continued

ECK DYNAMO & MOTOR CO., Belleville, N. J. *See adv index at end of book*

Electro Dynamic Co., Bayonne, N. J.

Emerson Electric Mfg. Co., 2024 Washington av, St. Louis, Mo.

Fairbanks Morse & Co. (Alternating & Direct Current), 900 S Wabash av, Chicago, Ill.

Fidelity Electric Co. (1-20 to 20 H. P.), Lancaster, Pa.

Forbes & Myers ("Forbes & Myers" Alternating, Special Small), 169 Union, Worcester, Mass. *See adv index at end of book*

Fort Wayne Electric Works of General Electric Co., Fort Wayne, Ind.

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

Globe Electric Co., 6340 Stony Island av, Chicago, Ill.

Green L. A. (Dealer), First Nat'l Bk. bldg, Pittsburgh, Pa.

Guarantee Electric Co. ("Kimble-Gregory"), 430 S. Green, Chicago, Ill.

Holt Electric Co. (Direct Current), 379 S Pierce, Milwaukee, Wis.

Ideal Electric & Mfg. Co. (Alternating Current, Single Phase Elevator, etc), Mansfield, O.

Imperial Electric Co. (Constant & Variable Speed, Smallest up to 125 H. P.), Akron, O.

JANTZ & LEIST ELECTRIC CO. (Enclosed Type 1¼ to 100 H. P.), Cincinnati, O. *See adv index at end of book*

Kandem Electric Co. (Imp), 152 Chambers, New York

Kendrick-Davis Co. (Small, A. C. & D. C.) Lebanon, N. H.

Kimble Electric Co. ("Kimble" Alternating), 634 North Western av, Chicago, Ill.

Kinetic Electric Co., 16 S Schell, Phila., Pa.

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Lincoln Electric Co., Cleveland, O.

McKeever Electric Co., 244 S High, Columbus, O.

Manhattan Electrical Supply Co. (Small) Current & Battery), 17 Park pl, New York *See adv index at end of book*

Manufacturers Selling Co. (New & Second Hand), Trenton, N. J.

Mechanical Appliance Co. ("Watson" Direct Current, Single & Polyphase Alternating), Milwaukee, Wis.

Northwestern Mfg. Co., 482 Clinton, Milwaukee, Wis.

Phoenix Electric Co., Mansfield, O. *See adv index at end of book*

Racine Electric Co., Racine, Wis.

Racine Universal Motor Co., 53 W Jackson blvd, Chicago, Ill.

RELIANCE ELECTRIC & ENGINEERING CO., ("Reliance") 1064 Ivanhoe rd, Cleveland. Ohio *See adv index at end of book*

Reynolds Electric Co., 442 S Talman av, Chicago, Ill.

Richmond Electric Works (1 to 50 h-p Direct Current), McDonough, Richmond, Va.

Robbins & Myers Co., 1400 Lagonda av, Springfield, O.

Shepard Electric Crane & Hoist Co. (Back Geared), Montour Falls, N. Y. *See adv index at end of book*

Sprague Electric Works (Direct Current), 527 W 34th, New York

Star Dynamo Co. (½ to 25 h-p, ½ to 20 k. w.), Jefferson City, Mo.

Stow Mfg. Co. (Multi-Speed), Binghamton, N. Y. *See adv index at end of book*

STURTEVANT B. F. CO., ("Sturtevant") 15 Damon, Hyde Park, Boston, Mass. *See adv index at end of book*

Temco Electric Motor Co. ("Temco"), Leipsic, O.

TRIUMPH ELECTRIC CO., Oakley, Cincinnati, O. *See adv index at end of book*

Victor Electric Co. (Alternating Current Variable Speed), Jackson Boul. & Robey, Chicago, Ill.

Vonnegut Machinery Co., Indianapolis, Ind.

Wagner Electric Mfg. Co. (Single Phase & Polyphase, Alternating, etc), 6400 Plymouth av. St. Louis. Mo.

Wesche B. A. Electric Co., 327 W 6th, Cincinnati, O.

Western Electric Co., 463 West, New York

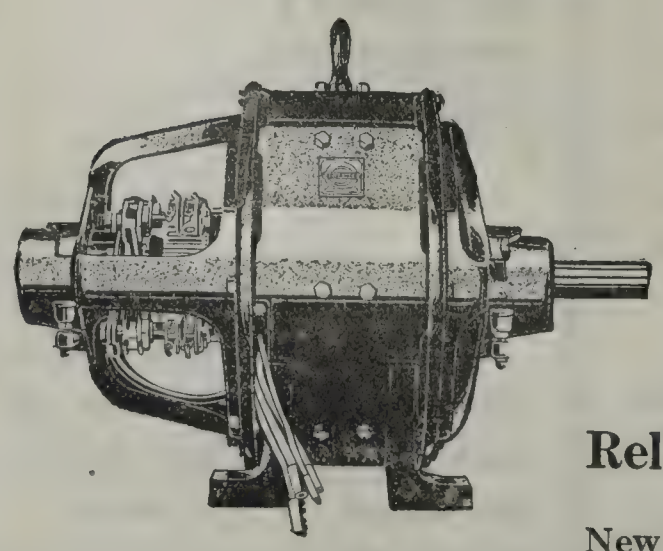
WESTINGHOUSE ELEC. & MFG. CO. (Direct Current), East Pittsburgh, Pa. *See adv index at end of book*

9969—Motors (Electric Crane)

Bell Electric Motor Co., Garwood, N. J.

Burke Electric Co., Erie, Pa

Cameron Engineering Co., East Stroudsburg, Pa. *See adv index at end of book*



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GENERAL ELECTRIC CO., Schenectady N. Y. *See adv index at end of book*
Ideal Electric & Mg. Co., Mansfield, O.
Imperial Electric Co., Akron, O.
Lincoln Electric Co., Cleveland, O.
Mechanical Appliance Co., Milwaukee, Wis.
Pan Electric Mfg. Co., 735 S 4th, St. Louis, Mo.
Sprague Electric Works, 527 W 34th, New York
Triumph Electric Co., Oakley, Cincinnati, Ohio *See adv index at end of book*
Wagner Electric Mfg. Co., 6400 Plymouth av, St. Louis, Mo.
WESTINGHOUSE ELEC. & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9970—Motors (Electric Elevator)

Arvac Mfg. Co. ("Jenny"), Anderson, Ind.
Bell Electric Motor Co., Garwood, N. J.
Burke Electric Co., Erie, Pa.
Crocker-Wheeler Co., Ampere, N. J.
C. & C. Electric & Mfg. Co., Garwood, N. J.
ECK DYNAMO & MOTOR CO., Belleville, N. J. *See adv index at end of book*
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Ideal Electric & Mfg. Co. ("Ideal Special"), Mansfield, O.
Imperial Electric Co., Akron, O.
Lincoln Electric Co., Cleveland, O.
Mechanical Appliance Co., Milwaukee, Wis.
Northwestern Mfg. Co., 482 Clinton, Milwaukee, Wis.
Pan Electric Mfg. Co., 735 S 4th, St. Louis, Mo.
Robbins & Myers Co. (For Freight Elevators, 1400 Lagonda av, Springfield, O.
Triumph Electric Co. ("Triumph"), Oakley, Cincinnati, O.
See adv index at end of book
Wagner Electric Mfg. Co. (Single & Polyphase Alternating Current), 6400 Plymouth av, St. Louis, Mo.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9971—Motors (Electric Fan)

Century Electric Co., 19th & Pine, St. Louis, Mo.
Crocker-Wheeler Co., Ampere, N. J.
ECK DYNAMO & MOTOR CO. ("Eck Hurricane"), Belleville, N. J.
See adv index at end of book
Emerson Electric Mfg. Co., 2024 Washington av, St. Louis, Mo.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Mechanical Appliance Co. (Direct & Alternating Current, Ventilating), Milwaukee, Wis.
Menominee Electric Mfg. Co., Menominee, Mich.
Peerless Electric. Co. ("Peerless"), Warren, O.
Robbins & Myers Co., 1400 Lagonda av, Springfield, O.
Sprague Electric Works, 527 W 34th, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9972—Motors (Electric, for Flexible Shafts)

Bell Electric Motor Co., Garwood, N. J.
Century Electric Co., 19th & Pine, St. Louis, Mo.
ECK DYNAMO & MOTOR CO., Belleville, N. J. *See adv index at end of book*
Ideal Electric & Mfg. Co., Mansfield, O.
Robbins & Myers Co., 1400 Lagonda av, Springfield, O.
Sprague Electric Works, 527 W 34th, New York
Stowe Flexible Shaft Co., 26th & Callowhill, Philadelphia, Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9973—*Motors (Electric, for Machine Tools)

Eck Dynamo & Motor Co., Belleville, N. J.
See adv index at end of book
Lincoln Electric Co., Cleveland, O.
Phoenix Electric Co., Mansfield, O.
See adv index at end of book
RELIANCE ELECTRIC & ENGINEERING CO., 1064 Ivanhoe rd, Cleveland, O.
See adv index at end of book
TRIUMPH ELECTRIC CO., Oakley, Cincinnati, O. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9973a—*Motors (Electric Mining)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
See adv index at end of book

Motors (Electric Railway)

See Generators, Street Railway

9974—*Motors (Electric, Single Phase Railway)

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9975—*Motors (Fractional Horse Power)

Eck Dynamo & Motor Co., Belleville, N. J.
See adv index at end of book
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Triumph Electric Co., Oakley, Cincinnati, Ohio *See adv index at end of book*
Wisconsin Elec. Co. ("Dunmore"), 1600 Junction av, Racine, Wis.
See adv index at end of book

Motors (Gasoline)

See Engines, Automobile; also Engines, Gas & Gasoline; also Engines, Marine, Gasoline

9976— *Motors (Hoisting)

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9977— Motors (Induction)

ALLIS-CHALMERS MFG. CO. (Electric), Milwaukee, Wis.
See adv index at end of book
Arvac Mfg. Co. ("Jenny" Constant & Variable Speed), Anderson, Ind.
Bell Electric Motor Co., Garwood, N. J.
Burke Electric Co., Erie, Pa.
Century Electric Co. ("Century" Single Phase), 19th & Pine, St. Louis, Mo.
Crocker-Wheeler Co. (Alternating Current), Ampere, N. J.
Fairbanks Morse & Co., 900 S Wabash av, Chicago, Ill.
GENERAL ELECTRIC CO. (Alternating Current), Schenectady, N. Y.
See adv index at end of book
Ideal Electric & Mfg. Co., Mansfield, O.
Imperial Electric Co., Akron, O.
Kimble Electric Co. ("Kimble" Two & Three Phase Constant Speed), 634 N Western av, Chicago, Ill.
Lincoln Electric Co., Cleveland, O.
Mechanical Appliance Co. (¼ to 45 h-p), Milwaukee, Wis.
Pan Electric Mfg. Co., 735 S 4th, St. Louis, Mo.
Phoenix Electric Co., Mansfield, O.
See adv index at end of book
RELIANCE ELECTRIC & ENGINEERING CO., 1064 Ivanhoe rd, Cleveland, O.
See adv index at end of book
Richmond Electric Works (114 to 125 h-p), McDonough, Richmond, Va.
Robbins & Myers Co. (Factory), 1400 Lagonda av, Springfield, O.
Triumph Electric Co., Oakley, Cincinnati, O. *See adv index at end of book*
Wagner Electric Mfg. Co. ("Wagner" Single & Polyhose Phase), 6400 Plymouth av, St. Louis, Mo.
Western Elec. Co., 463 West, New York
WESTINGHOUSE ELEC. & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9978—*Motors (Interpole Railway)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

9979—*Motors (Labor Saving Devices)

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

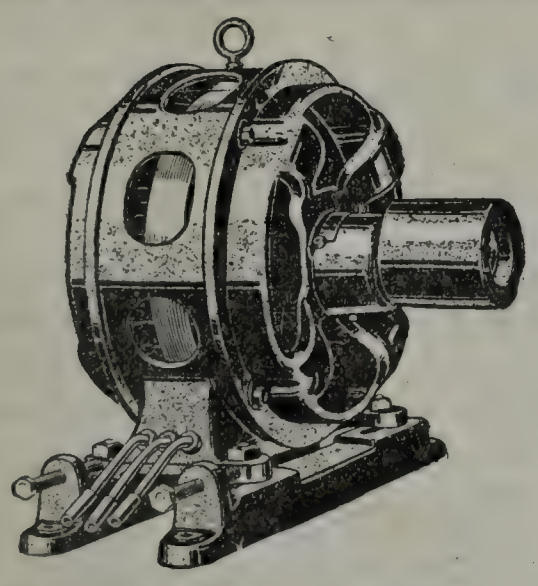
9980—Motors (Locomobile Turntable)

Draper Mfg. Co. ("McGrath" Pneumatic), Port Huron, Mich.

9981-2— Motors (Naphtha)

See also Engines, Naphtha; also Engines, Oil

Gas Engine & Power Co. & Chas. L. Seabury & Co. (2 & 4 Cycle), Morris Heights, N. Y.



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Induction Motors

For 2 and 3 Phase Circuits. All standard voltages and frequencies. Squirrel cage and slip ring types.

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Branch Sales Offices: NEW YORK PHILADELPHIA PITTSBURGH CHICAGO

Motors (Oil)

See Engines, Oil

9983— Motors (Organ)

See also Motors, Water

American Steam Pump Co. (Hydraulic), Battle Creek, Mich.
Bishop-Babcock-Becker Co., Cleveland, O.
Century Electric Co., 19th & Pine, St. Louis, Mo.
Eck Dynamo & Motor Co., Belleville, N. J.
See adv index at end of book
Kipp Engine Works, Ossining, N. Y.
Organ Blowing Engine Co., Fond du Lac, Wis.
Organ Power Co. ("Spencer," Water & Electric), Hartford, Conn.
Rhodes L. E. ("Spencer"), Hartford, Conn.
Roberts Geo. J. Co., Dayton, O.
Ross Valve Mfg. Co. ("Ross" Water Engines), 9 Oakwood av, Troy, N. Y.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Whitney F. E. Co. ("The Boston"), 65 Sudbury, Boston, Mass.

9984—Motors (Organ Blowing, Electric)

Bell Electric Motor Co., Garwood, N. J.
Century Electric Co., 19th & Pine, St. Louis, Mo.
ECK DYNAMO & MOTOR CO., Belleville, N. J. *See adv index at end of book*
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Ideal Electric & Mfg. Co., Mansfield, O.
Imperial Electric Co., Akron, O.
Kimble Electric Co. ("Kimble"), 634 Northwestern av, Chicago, Ill.
Lincoln Electric Co., Cleveland, O.
Pan Electric Mfg. Co., 735 S 4th, St. Louis, Mo.
Racine Electric Co., Racine, Wis.
Robbins & Myers Co., 1400 Lagonda av, Springfield, O.
Sprague Electric Works, 527 W 34th, New York
Triumph Electric Co. (Sewing Machine), Oakley, Cincinnati, O.
See adv index at end of book
Wagner Electric Mfg. Co., 6400 Plymouth av, St. Louis, Mo.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wisconsin Electric Co., 1600 Junction av, Racine, Wis.
See adv index at end of book

9985—*Motors (Piano, Automatic)

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Motors (Pneumatic)

See Pneumatic Motors

9986—*Motors (Printing Press)

Eck Dynamo & Motor Co., Belleville, N. J.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9987— *Motors (Pump)

Eck Dynamo & Motor Co., Belleville, N. J.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9988— Motors (Reducing)

Ide A. L. & Sons ("Ideal" Indicator), Springfield, Ill.

9989—Motors (Rowboat, Detachable)

American Engine Co., 2nd and Amsterdam, Detroit, Mich.
Blakley Engine Co., Muskegon, Mich.
Caille Perfection Motor Co., 2nd and Amsterdam, Detroit, Mich.
Evinrude Motor Co., 279 Walker, Milwaukee, Wis.
Jewel Electric Co. (Electric), 112 N 5th av, Chicago, Ill.
Koban Mfg. Co., 241 S Water, Milwaukee, Wis.
Lockwood Ash Motor Co., Jackson, Mich.
Spinaway Boat Motor Co. ("Spinaway" Detachable), Freeport, Ill.
Sweet Mfg. Co., Campau bldg, Detroit, Mich.
Waterman Motor Co., 235 Mt. Elliott, Detroit, Mich.
Wisconsin Machinery & Mfg. Co., 51st & Burnham, Milwaukee, Wis.

9989a—Motors (Sewing Machine, Electric)

Bissel F. Co., 230 Huron, Toledo, O.
Fidelity Elec. Co., Lancaster, Pa.
Hamilton-Beach Mfg. Co. (Sew-E-Z-Sewing Machine), Racine, Wis.
Stecker Elec. & Mach. Co. (Small Motor), Detroit, Mich.
TRIUMPH ELECTRIC CO., Oakley, Cincinnati, O. *See adv index at end of book*
Victor Elec. Corp. (Small), Chicago, Ill.
Western Elec. Co. (Portable Sewing Mach. Motor Unit), 463 West, New York
Westinghouse Electric & Mfg. Co. (Sewing Motor-Sewing Machine), East Pittsburgh, Pa.
Wisconsin Elec. Co. ("Dumore"), 1600 Junction av, Racine, Wis.
See adv index at end of book

Motors (Single Phase, Electric)

See Motors, Induction

9989b— Motors (Spring)

Electric Novety Works, 533 Mission, San Francisco, Cal.
Hedason Mfg. Co., 28 Whitney av, New Haven, Conn.
Krasberg Mfg. Co., 420 Orleans, Chicago, Ill.
Saal H. G. Co., 1810 Montrose av, Chicago, Ill.

9990— *Motors (Steel Mills)

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9991— Motors (Stoker)

Union Steam Pump Co., Battle Creek, Mich.

9992— Motors (Synchronous)

ALLIS-CHALMERS MFG. CO. (Electric), Milwaukee, Wis.
See adv index at end of book
Burke Electric Co. (Synchronous Induction), Erie, Pa.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Lincoln Electric Co., Cleveland, O.
Pan Electric Mfg. Co., 735 S 4th, St. Louis, Mo.
Wagner Electric Mfg. Co., 6400 Plymouth av, St. Louis, Mo.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9993—Motors (Talking Machine)

American Phonoparts Co., 501 W 35th, Chicago, Ill.
Arnold Electric Co., Racine, Wis.
Garford Mfg. Co. (Spring), Elyria, O.
Hamilton-Beach Mfg. Co. ("Play-E-Z"), Racine, Wis.
Jones-Motiola Co., 29 W 35th, New York
Shelton Electric Co., 30 E 42d, New York
Thomas Mfg. Co., Dayton, O.
Tiffany Motor Co., West New York, N. J.
Veeco Co., 248 Boylston, Boston, Mass.

9994—*Motors (Textile Machinery)

ECK DYNAMO & MOTOR CO., Belleville, N. J. *See adv index at end of book*
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9995— Motors (Tractor)

Davis Mfg. Co. (Gasoline & Kerosene), Milwaukee, Wis.
Doman H. C. Co., Oshkosh, Wis.
Hercules Motor Mfg. Co. (Gasoline), Canton, O.

9996— *Motors (Turntable)

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

9997— Motors (Valve)

Crane Co. (Est 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Eck Dynamo & Motor Co., Belleville, N. J.
See adv index at end of book
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Lincoln Electric Co., Cleveland, O.
Smith A. P. Mfg. Co. (Hydraulic), E Orange N. J.

9998—Motors (Variable Speed)

ALLIS-CHALMERS MFG CO. ("A. C." Electric), Milwaukee, Wis.
See adv index at end of book
Arvac Mfg. Co. ("Jenny"), Anderson, Ind.
Bell Electric Motor Co., Garwood, N. J.
Burke Electric Co., Erie, Pa.
C. & C. Electric & Mfg. Co., Garwood, N. J.
Century Electric Co., 19th & Pine, St. Louis, Mo.
Crocker-Wheeler Co., Ampere, N. J.
Cushman Electric Co. ("Cushman"), Concord, N. H.
ECK DYNAMO & MOTOR CO., Belleville, N. J. *See adv index at end of book*
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Ideal Electric & Mfg. Co., Mansfield, O.
Imperial Electric Co., Akron, O.
Kimble Electric Co. ("Kimble" Single Phase Alternating Current), 634 North Western av, Chicago, Ill.
Lincoln Electric Co., Cleveland, O.
Northwestern Electric Co., 408 S Hoyne av, Chicago, Ill.
RELIANCE ELECTRIC & ENGINEERING CO., 1064 Ivanhoe rd, Cleveland, O. *See adv index at end of book*
Richmond Electric Works ("Richmond," Polyphase), McDonough, Richmond, Va.
Robbins & Myers Co., 1400 Lagonda av, Springfield, O.
TRIUMPH ELECTRIC CO., Oakley, Cincinnati, O. *See adv index at end of book*
Wagner Electric Mfg. Co., 6400 Plymouth av, St. Louis, Mo.
Wesche B. A. Electric Co., 327 W 6th, Cincinnati, O.

9999— Motors (Water)

Althouse-Wheeler Co. ("Waupun"), Waupun, Wis.
American Water Motor Co. ("American" Automatic), Columbus, O.
American-Water Softener Co. (Direct Acting), 10th & Chestnut, Phila., Pa.
Backus Water Motor Co., 172 Penna av, Newark, N. J.
Carlisle & Finch Co., 229 E Clifton av, Cincinnati, O.
Dayton Fan & Motor Co., Dayton, O.
Dayton Washing Machine Motor Co., Dayton, O.
Divine Water Motor Co. ("Divine," "Red Devil"), Utica, N. Y.
Douds Frank C. & Co. ("Douds" Plain & Equipped with Grinding Wheel), New Castle, Pa.
Favorite Mfg. Co., 39 Mt. Vernon av, Columbus, O.
Gaylord & Eitapenc Co. ("Climax"), Binghamton, N. Y.
Hunter Fan & Motor Co. ("Syracuse," "Tuerk"), Fulton, N. Y.
Hydraulic Engineering Works, 708 Fulton, Chicago, Ill.
Indiana Fan Co., 40 E South, Indianapolis, Ind.
Krott L. E. Apparatus Co. (1-6 H. P. with Countershaft Gear), 79 Amherst, Cambridge, Mass.
Little Thos. A., Wheeling, W. Va.
Norton Water Motor Co., Inc., Boston, Mass.

Pelton Water Wheel Co., 19th & Harrison, San Francisco, Cal., & 90 West, New York
Reliable Water Motor & Mfg., Co., Burlington, Ia.
Roberts Geo. J. Co., Dayton, O.
Ross Valve Mfg. Co. (For Pumping Organs), 9 Oakwood av, Troy, N. Y.
See adv index at end of book
Roto Co. ("Roto"), Hartford, Conn.
Rover A. B., Binghamton, N. Y.
Russell Jno. W. & Sons Co. ("Hercules"), Springfield, Mass.
Smith Winfield H. ("Niagara"), Buffalo, N. Y.
SMITH & HEMENWAY CO., INC. ("Red Devil"), 261 B'way, New York; 130 Coit, Irvington, N. J.
See adv index at end of book
Vaile-Kilmes Co. ("V. & K." & "Dayton" Automatic), Dayton, O.
Valley City Machine Works (For Washing Machines, etc), Grand Rapids, Mich.
Whitney F. E. Co., 65 Sudbury, Boston, Mass.
Worthington Pump & Machinery Corp., 115 B'way, New York
See adv index at end of book

10000—*Mouldings (Aluminum)

Erdle Perforating Co., 181 York, Rochester, N. Y. *See adv index at end of book*
Hough W. S. Jr. Co., 61 Park, Providence, R. I.
Metallic Automobile Matting Co., 181 York, Rochester, N. Y.

10000a—*Mouldings (Architectural)

See also Mouldings, various kinds
INTERIOR METAL MFG. CO., Jamestown, N. Y.
See adv index at end of book

10001—*Mouldings (Automobile & Carriage Door)

EMPIRE ART METAL CO., INC., College Point, L. I., N. Y.
INTERIOR METAL MFG. CO. (Automobile), Jamestown, N. Y.
See adv index at end of book
Metallic Automobile Matting Co., 181 York, Rochester, N. Y.

10001a—*Mouldings (Ball, Beaded & Piano)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

10001b— *Mouldings (Car)

INTERIOR METAL MFG. CO., Jamestown, N. Y.
See adv index at end of book

10002— Mouldings (Carved)

Central Planing Mill & Lumber Co., Louisville, Ky.
Doten S. H. & A. R., Portland, Me.
Dwight Lumber Co., Detroit, Mich.
Foster-Munger Co. (For the Trade Only), 1404 W 37th, Chicago, Ill.
Fritts D. H. & Co., 414 N Wood, Chicago, Ill.
Gould Mfg. Co. (For the Trade Only), Oshkosh, Wis.
Indiana Moulding & Frame Co., La Porte, Ind.
Hartmann-Malcolm Co., 847 N Troy, Chicago, Ill.
Hyde-Murphy Co., Ridgway, Pa.
Indiana Molding & Frame Co., La Porte, Ind.
Johnson & Tomek Co., 1037 S Leavitt, Chicago, Ill.
Klise' Mfg. Co., Grand Rapids, Mich.
Leslie Jno., 138 W 15th, New York
McClelland T. W. Co., Davenport, Ia.
Morgan Sash & Door Co., 2287 Blue Island av, Chicago, Ill.
N. Y. Carved Moulding Co., 3d av & 139th, New York
New York Wood Working Corp., 502 E 19th, New York
Peirce W. E. & Co., Milford, N. H.
Roberts Sash & Door Co. (For the Trade Only), 920 W 20th, Chicago, Ill.
Stone R. B. & Co., Spencer, Mass.
Waccamaw Lumber Co., Bolton, N. C.
Waddell Mfg. Co., Grand Rapids, Mich.

10003—Mouldings (Cold Drawn Steel or Bronze)

Acme Supply Co., 28 E Jackson blvd, Chicago, Ill.
Braun J. G., 609 S Paulina, Chicago, Ill.
DAHLSTROM METALLIC DOOR CO. (Over 1400 Designs to Select From; Send for Catalogue), 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book
EMPIRE ART METAL CO., INC., College Point, L. I., N. Y.
Grinden Art Metal Co., 427 Marcy av, Brooklyn, N. Y.
Hale & Kilburn Co., 1800 Lehigh av., Phila., Pa.
INTERIOR METAL MFG. CO., Jamestown, N. Y.
See adv index at end of book
Kawneer Mfg. Co. ("Kawneer," also Aluminum), Niles, Mich.
McCord Mfg. Co., Detroit, Mich.
Zahner Metal Sash & Door Co., Canton, O.

Mouldings (Composition)

See Ornaments, Composition

10004—Mouldings (Copper, Brass & Bronze)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Bridgeport Brass Co., Bridgeport, Conn.
Braun J. G., 609 S Paulina, Chicago, Ill.
Cowles C. & Co. (Brass Door), New Haven, Conn.
DAHLSTROM METALLIC DOOR CO., 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book
GORHAM CO. ARCH'L BRONZE, 5th av & 36th, New York; Works: Providence, R. I. *See adv index at end of book*
Hough W. S. Jr. Co., 61 Peck, Providence, R. I.
INTERIOR METAL MFG. CO. (Bronze & Copper), Jamestown, N. Y.
See adv index at end of book
Kawneer Mfg. Co. ("Kawneer"), Niles, Mich.
Manhattan Brass Co. (Brass & Bronze), 332 E 28th, New York
Merchant & Evans Co., 2035 Washington av, Phila., Pa.
See adv index at end of book
Rome Brass & Copper Co., Rome, N. Y.
Waterbury Brass Goods Corp., Waterbury, Conn.

10005—Mouldings (Electric Wiring)

American Circular Loom Co. ("Lutz" Metal), Chelsea, Mass.
American Conduit Mfg. Co., New Kensington, Pa.
American Metal Moulding Co., 145 New Jersey R. R. av, Newark, N. J.
Appleton Elec. Co. ("Ragrip"), 230 N Jefferson, Chicago, Ill.
Central Lumber Co., Chattanooga, Tenn.
Edwards & Co. (Stewart Fixings), 140th & Exterior, New York
Kirkpatrick Mfg. Co. ("Simplex"), Glenwood & N American, Phila., Pa.
Mitchell Moulding Co., 946 W 21st, Chicago, Ill.
National Metal Molding Co. (Metal), 1110 Fulton bldg, Pittsburgh, Pa.
Saulpaugh's J. M. Sons, 180 Lewis, New York
Sheip H. H. Mfg. Co., 6th & Columbia av, Phila., Pa.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Wright & Craycroft, 1448 W 21st, Chicago, Ill.

10006—Mouldings (Embossed)

American Sash & Door Co., Kansas City, Mo.
Bilek Stephen Co., 2117 S Troy, Chicago, Ill.
Boynton & Co., 1725 Dickson, Chicago, Ill.
Central Wood Turning Co., 610 N E Main, Minneapolis, Minn.
Diebold Lumber & Mfg. Co., 93-99 Wabash av, Pittsburgh, Pa.
Fitzgerald, Speer Co., Pen Argyl, Pa.
Gauger John A. & Co., 1434 W 22d. Chicago, Ill.
Hyde-Murphy Co., Ridgway, Pa.
McKay Angus Co., 724 S Desplaines, Chicago, Ill.
Mertz's Geo. Sons, Port Chester, N. Y.
Morgan Sash & Door Co., 2287 Blue Island av, Chicago, Ill.
National Sash & Door Co., N Dupre & Toulouse, New Orleans, La.
New York Carved Moulding Co., 3d av & 139th, New York
Ohio Scroll & Lumber Co., Covington, Ky.
Peirce W. E. & Co., Milford, N. H.
Rock Island Sash & Door Works, Rock Island, Ill.

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HATCHES
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See also
DOORS, ELEVATOR DOORS AND ENCLOSURES

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Mouldings (German Silver)

See Mouldings, Copper, Brass, etc.

10007—Mouldings (Metal Covered)

Chicago Metal Covering Co., 2835 Lake, Chicago, Ill.
COBURN TROLLEY TRACK MFG. CO., P. O. Box 721, Holyoke, Mass.
Gould-Mersereau Co., 52 W 38th, New York
Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 N Washington, Chicago, Ill. *See adv index at end of book*

10008—Mouldings (Metal, for Hanging Pictures)

Union Metal Corner Co. ("Outersite" Invisible), 18 Heath, Boston, Mass.

10009—Mouldings (Picture Frame)

Abbott D. E. & Co., Huntington, W. Va.
Boynton & Co., 1725 Dickson, Chicago, Ill.
Cass B. T. & Co., 2416 W 22d, Chicago, Ill.
Ceppi A. Co., 101 Broadway Exchange, Boston, Mass.
Harsha L. R. Mfg. Co., 2010 Carroll av, Chicago, Ill.
Illinois Moulding Co., 2411 W 23d, Chicago, Ill.
Indiana Moulding & Frame Co., La Porte, Ind.
Klicka Joseph Co., W 20th & S California av, Chicago, Ill.
Larsen C. & Co., 401 N Leavitt, Chicago, Ill.
Lippe & Co., 329 E 29th, New York
P. B. & H. Moulding Co., Syracuse, N. Y.
Pape Bros. Moulding Co., Plum & Canal, Cincinnati, O.
Roper John L. Lumber Co., Norfolk, Va.
Schock Parlor Frame Co., Minneapolis, Minn.

10010—Mouldings (Rope & Twisted, Etc.)

American Wood Working Co., 4345 Wabansia av, Chicago, Ill.
Artistic Wood Turning Works, 515 N Halsted, Chicago, Ill.
Boynton & Co., 1725 Dickson, Chicago, Ill.
Central Wood Turning Co., 610 N E Main, Minneapolis, Minn.
Dickey A. & Co., 37 Bristol, Boston, Mass.
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Foster-Munger Co. (for the Trade Only), 1404 W 37th, Chicago, Ill.
Mertz's Geo. Sons, Port Chester, N. Y.
Morgan Co. (For the Trade Only), Oshkosh, Wis.
National Sash & Door Co., N Dupre & Toulouse, New Orleans, La.
N. Y. Carved Moulding Co., 3d av & 139th, New York
Ohio Scroll & Lumber Co., Covington, Ky.
Paine Lumber Co. (Ltd.), (For the Trade Only), Oshkosh, Wis.
Peirce W. E. & Co., Milford, N. H.
Roberts Sash & Door Co. (For the Trade Only), 920 W 20th, Chicago, Ill.
South Bend Dowell Works, South Bend, Ind.
Stephenson Mfg. Co., South Bend, Ind.
Waddell Mfg. Co., Grand Rapids, Mich.

10011—Mouldings (Sheet Metal)

Braun J. G., 609 S Paulina, Chicago, Ill.
Broschart & Braun, 601 W 130th, New York
Carter Sheet Metal Co., Omaha, Neb.
Chicago Metal Covering Co., 2835 Lake, Chicago, Ill.
DAHLSTROM METALLIC DOOR CO., 35 Blackstone av, Jamestown, N. Y. *See adv index at end of book*
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O. *See adv index at end of book*
EMPIRE ART METAL CO., INC., College Point, L. I., N. Y.
Erdle Perforating Co., 181 York (Brass & Aluminum), Rochester, N. Y. *See adv index at end of book*
Friedley-Voshardt Co., 733 S Halsted, Chicago, Ill.
General Fireproofing Co., Youngstown, O.
Goshen Cornice Works, Goshen, Ind.
Grinden Art Metal Co. (Steel, Brass & Bronze), 427 Marcy av, Brooklyn, N. Y.
Hale & Kilburn Co., 1800 Lehigh av, Phila., Pa.
Kawneer Mfg. Co. ("Kawneer"), Niles, Mich.
Miller & Doing, 60 York, Brooklyn, N. Y.
Milwaukee Corrugating Co., Milwaukee, Wis.
Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
Sanisteel Co., 120 Niagara, Buffalo, N. Y.
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
Souther E. E. Iron Co., Klenlin & Hamburger, St. Louis, Mo.

10012—Mouldings (Sheet Steel, Brass & Bronze)

Braun J. G., 609 S Paulina, Chicago, Ill.
DAHLSTROM METALLIC DOOR CO., 35 Blackstone av, Jamestown, N. Y. *See adv index at end of book*
Empire Art Metal Co., Inc., College Point, L. I., N. Y.
Hale & Kilburn Co., 1800 Lehigh av, Phila., Pa.
Kawneer Mfg. Co. ("Kawneer"), Niles, Mich.

Mouldings (Spiral)

See Mouldings, Rope & Twisted, Etc.

10013— *Mouldings (Stair)

DAHLSTROM METALLIC DOOR CO. (Cold Drawn, Any Metal), 35 Blackstone av, Jamestown, N. Y. *See adv index at end of book*

10014— Mouldings (Steel)

Braun J. G. (For Store Fronts, Stairways, Elevator Enclosures, etc), 609 S Paulina, S Chicago, Ill.
DAHLSTROM METALLIC DOOR CO. (Smooth Surface for Electroplating), 35 Blackstone av, Jamestown, N. Y. *See adv index at end of book*
EMPIRE ART METAL CO., INC., College Point, L. I., N. Y.
Hale & Kilburn Co., 1800 Lehigh av, Phila., Pa.
INTERIOR METAL MFG. CO., Jamestown, N. Y. *See adv index at end of book*
Kawneer Mfg. Co. (Storefronts, Stairways, Elevators, "Kawneer," etc), Niles, Mich.
Solar Metal Products Co., Columbus, O.

10015—Mouldings (Steel Picture)

Braun J. G., 609 S Paulina, Chicago, Ill.
Empire Art Metal Co. Inc., College Point. L. I., N. Y.

10015a—Mouldings (Wind Shield)

INTERIOR METAL MFG. CO., Jamestown, N. Y.

Moulds

See Molds, Various Kinds

10016— *Moulds (Butter)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

10017— *Moulds (Rubber)

Estes E. B. & Sons (Balloon, Troy, etc), 364 5th av, New York *See adv index at end of book*

10017a—*Moulds (Rubber, Turned Wood)

ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*

10017b— Moulds (Tassel)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

10018—Mountings (Automobile)

Attwood Brass Works, Grand Rapids, Mich.
Columbus Brass Co. (Dash & Foot Rails), 538 Dublin av, Columbus, O. *See adv index at end of book*
Cowles C. & Co., New Haven, Conn.
DAHLSTROM METALLIC DOOR CO. (Light Angles & Channels), 35 Blackstone av, Jamestown, N. Y. *See adv index at end of book*
Ellison Brass Mfg. Co., Jamestown, N. Y.
English & Mersick Co., New Haven, Conn.
Murdock W. Jas. Co. (Metal), 116 Opera pl, Cincinnati, O.
Oakes Co. The (Brass Drawn Sheet Metal), Indianapolis, Ind.
Parry A. N. & Co. (Brass, Slate, etc), Amesbury, Mass.
Rands Mfg. Co. (Brass & Nickeled Rails), Detroit, Mich.
Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.
White Mfg. Co. (Mouldings), Bridgeport, Conn.

INFORMATION

The publishers of the Register are willing at all times to give all possible information pertaining to the products of their advertisers

Advertisers in the Register are invited to supply the publishers with catalogues or other information likely to be of interest to possible buyers

D. S. PLUMB,

Clock Work, Intricate Mechanical Instruments and Recording Devices.

73-77 NORFOLK ST. (Near Central Ave.) NEWARK, N. J.

Movements or Counters for Various Mechanical Purposes.
Movements for Steam Gauges, Pyrometers and Recording Instruments.
ESTABLISHED 1882. Complete Instruments Manufactured to Order in Quantity.

See Headings—CLOCK WORK, GEARS, INSTRUMENTS, MOVEMENTS, SPECIAL MACHINERY.

Wing Chas. Co., Amesbury, Mass.
Woodruff Walter W. & Sons Co., Mount Carmel, Conn.

10019— Mountings (Bag)

Conlan Bernard & Co. (For Belts, Buckles, Purses, Ornaments, etc), 87 Hamilton, Newark, N. J.
Gould's M. Sons & Co., 115 Lafayette, Newark, N. J.
Jenkinson R. C. & Co., 293 Washington, Newark, N. J.

10020—Mountings (Umbrella & Parasol)

Novelty Mfg. Co., Waterbury, Conn.
Woolson James B., Watertown, Conn.

10021—Mounts (Photographic)

Angel H. Reeve & Co., Inc., 7 Spruce, New York
Bridges Mfg. Co., Rochester, N. Y.
McCabe & Co., 215 Pearl, New York

10022—Movements (Clock, Gauge, Meter, Etc.)

Ansonia Novelty Co., Ansonia, Conn.
Fiego Alex. J. R., Lynn, Mass.
New Haven Clock Co., New Haven, Conn.
PLUMB D. S., 73-77 Norfolk, nr Central av, Newark, N. J.
See adv indcx at end of book
Reeves Mfg. Co., Milford, Conn.
Waterbury Clock Co., Waterbury, Conn.

10023—*Movements (Recording & Scientific Instrument)

PLUMB D. S. (Also for Clocks, Meters, Gauges, etc), 73-77 Norfolk, nr Central av, Newark, N. J.
See adv index at end of book

10024—Mower & Reaper Sections

Henry & Allen, Auburn, N. Y.
Herschel R. Mfg. Co., Peoria, Ill.
Whitaker Mfg. Co., 409 S Green, Chicago, Ill.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book
Wood Walter A. Mowing & Reaping Machine Co. Hoosick Falls, N. Y.

10025— Mowers

See also Agricultural Implements Mfrs., Harvesters, Reapers

Acme Harvesting Machine Co. ("Acme" Grass Mowers), Peoria, Ill.
Beatrice Iron Works, Beatrice, Neb.
Deere John Harvester Works, East Moline, Ill.
Emerson Brantingham Co. ("Emerson"), Rockford, Ill.
Eureka Mower Co. (Mowers only), 16 Hickory, Utica, N. Y.
Granite State Mowing Machine Co., Hinsdale, N. H.
Independent Harvester Co. ("Independent"), Plano, Ill.
International Harvester Company of America (Inc.) ("Champion," "Deering," "McCormick," "Milwaukee," "Osborne," "Piano"), Harvester bldg. Chicago, Ill.
Massey Harris Harvester Co. ("Johnston"), Batavia, N. Y.
Messinger Mfg. Co., Tatamy, Pa.
Moline Plow Co. ("Adriance," "Buckeye," "Thomas Crown"), Moline, Ill.
Plattner Yale Mfg. Co. ("Plattner"), Lincoln, Neb.
Richardson Mfg. Co., Worcester, Mass.
Sandwich Mfg. Co., Sandwich, Ill.
Sieberling & Miller Co., Doylestown, O.
Thomas Mfg. Co. ("Thomas Crown" Regular & Changeable Speed & Ditch Bank), Springfield, O.
Wood W. A. Mowing & Reaping Machine Co. (Giant Admiral), Hoosick Falls, N. Y.

10026— Mucilage Mfrs.

See also Dextrine, Liquid Glue, Paste, etc

Arabol Mfg. Co., 100 William, New York
Bankers' Ink Co., Kansas City, Mo.
Barnes National Ink Co., 222 N 5th, Phila., Pa.
Carter's Ink Co. ("Great Stickest"), E Cambridge, Boston, Mass.
Continental Mfg. Co. ("Willstick," "Universal"), 4611 Girard, Phila., Pa.
Davids Thaddeus Ink Co., 97 Van Dam, New York
Davis Wm. A. Co. ("U. S. Treasury"), 40 Batterymarch, Boston, Mass.
Dennison Mfg. Co., 26 Franklin, Boston, Mass.
Diamond Ink Co., 192 E Water, Milwaukee, Wis.
Elwell B. F. Glue Co., Rockport, Mass.
Higgins Chas. M. & Co., 271 9th, Brooklyn, N. Y.
Ink Ribbon Mfg. Co. ("Quick Sticker"), 633 Howard, San Francisco, Cal.
Keller Robert Ink Co., 523 Fort, W, Detroit, Mich.
Kirk Harry D., 2316 W Harrison, Chicago, Ill.
Levinson & Blythe Mfg. Co., 209 Locust, St. Louis, Mo.
Moore J. & I. E., Warren, Mass.
National Gum & Mica Co., 59th & 11th av, New York
Nicol J. M. & J. S., Hawthorne, N. J.
Pomeroy Ink Mfg. Co., 155 E Park, Newark, N. J.
Thomas L. H. Co., West Congress & S Peoria, Chicago, Ill.
Woodmansee F. A., 117 E Pearl, Cincinnati, O.

10026a— *Muddlers (Wooden)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Mudguards (Automobile)

See Fenders & Guards, Automobile

10027—Muffle Furnace Fronts

Atlas Engineering Co., Amherst, O.
See adv index at end of book
Bethlehem Foundry & Machine Co. (For Chemical Mfrs., etc), South Bethlehem, Pa.

10028—Mufflers (Autmobile)

Briscoe Mfg. Co., Detroit, Mich.
Gem Stamped Steel Co. ("Gem" Exhaust), Chelsea, Mass.
Gemco Mfg. Co. ("Anti-Explo," "Milwaukee"), Milwaukee, Wis.
Geer Harry R. Co. (Motor Cycles), 858 McLaran av, St. Louis, Mo.
GRAY-HAWLEY MFG. CO. ("Gray"), 937 E Jeff. av, Detroit, Mich.
Hayes Mfg. Co., Detroit, Mich.
Kells W. J. Mfg. Co., 512 W 45th, New York
Michigan Stamping Co., Detroit, Mich.
Milwaukee Auto Engine & Supply Co., 708 Winnebago, Milwaukee, Wis.
Milwaukee Motor Sales Co., 1802 North av, Milwaukee, Wis.
Neustadt Auto & Supply Co., 3200 Locust, St. Louis, Mo.
Northway Motor & Mfg. Co., Detroit, Mich.
Oldberg Mfg. Co., 76-86 Forest E, Detroit, Mich.
Powell Muffler & Timer Co., Utica, N. Y.
Smith D. B. & Co. ("Yankee"), Utica, N. Y.
Troike Muffler & Mfg. Co. ("Troike"), Loraine, O.
Weeber C. F. Mfg. Works ("Weeber"), Albany, N. Y.
Weiss L. T., 286 Taaffe pl, Brooklyn, N. Y.
Willcox Engineering Co., 1525 Holland av, Saginaw, Mich.
Xardell Bros. Co. (Vacuum), Utica, N. Y.
Yankee Co. ("Yankee" Silent), Utica, N. Y.

10028a—*Mufflers (Gas Engine)

Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*

10028b—Mufflers (Marine)

Grand Rapids Gas Engine & Yacht Co., Grand Rapids, Mich.
Thermex Silencer Works, 6 Lewis, Boston, Mass.
Yankee Co., Utica, N. Y.

10029—*Mufflers (Pop Valve)

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book

10030— Muffles

Baker & Co., 54 Austin, Newark, N. J.
Bishop J. & Co. Platinum Wks., Malvern, Pa.
Carborundum Co. (Silfrox), Niagara Falls, N. Y.
Dixon Joseph Crucible Co., Jersey City, N. J.
McCullough-Dalzell Crucible Co., 36th & Av V. R. R., Pittsburgh, Pa.
Metals Production Equipment Co., Springfield, Mass.
Thermal Syndicate (Ltd.), 50 E 41st, New York

10031—Muffles (Enameling)

Atlas Engineering Co., Amherst, O.
See adv index at end of book
Brooklyn Fire Brick Works, 88 Van Dyke, Brooklyn, N. Y.
Denver Fire Clay Co., Denver, Colo.

10032— Mugs (Beer)

Central Glass Works, Wheeling, W. Va.
Monongah Glass Co., Fairmont, W. Va.
Rochester Tumbler Co., Rochester, Pa.

10033-4—*Multi Stage, High Lift Centrifugal Pumps

Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.

Muriate of Ammonia

See Sal-Ammoniac

Muriate of Potash

See Firms in Potash with the word "Muriate" following name.

Muriates of Tin

See Tin Crystals

10035—Music Holders or Racks

Syracuse Wire Works (Wire, Piano Player Roll Racks, 101 University av, Syracuse, N. Y.

10035a— Musical Fittings

The Arlington Works (E. I. du Pont de Nemours & Co.), 21 E 40th, New York

10036— Muslin (Varnished)

Dielectric Mfg. Co. (For Electrical Insulation), 224 S Vandeventer av, St. Louis, Mo.

10036a— Mutes (Violin)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

10037— Muzzles (Dog)

Buchheimer Geo. H. (Leather), 1004 Rutland av, Baltimore, Md.
Darby Edw. & Sons Co., 239 Arch, Phila, Pa.
Graham & Berwin (Leather), 107 Lafayette, New York
Hamblin & Russell Mfg. Co., Worcester, Mass.
Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
Stevens Walter B. & Son ("Happidog"), 107 Chambers, New York
Wire Goods Co., Worcester, Mass.

10038—Muzzles (Horse & Ox)

Barbee Wire & Iron Works (Wire), 170 N Dearborn, Chicago, Ill.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Jelliff C. O. Mfg. Corp., Southport, Conn.
Langstroth T. W. (Horse), 77 Warren, New York
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Wire Goods Co. (Japanned Wire, etc., Worcester, Mass.

10039— Myrbane

Berlin Aniline Works, 213 Water, New York; also Chemical Co. (Oils, for Soap & Perfumery), Bound Brook, N. J.
Calco Chemical Co. (Oils, for Soap and Perfumery), Bound Brook, N. J.
Farbwerke-Hoechst Co., 122 Hudson, New York
Holliday, Read & Sons, Ltd. (Imported), 160 Franklin, New York
Magnus, Mabee & Reynard (Imp.), 257 Pearl, New York
National Aniline & Chemical Co., 21 Burling Slip, New York

10040— Myrobalans

Carleton & Moffat ("Imp"), 80 Maiden la, New York
Haley-Hammond Co., 129 Pearl, New York
Imis, Speiden & Co. Inc., 46 Cliff, New York. *See adv index at end of book*
Klipstein A. & Co. (Imported), 644 Greenwich, New York
Marden, Orth & Hastings Co. (Imp.), 61 B'way, New York
Worden Chemical Works (Imp.), 4 Cedar, New York

10041— Nail Sets

Braunsdorf-Mueller Co., Elizabeth, N. J.
Brown & Sharpe Mfg. Co., Providence, R. I.
Browne & Dowd Mfg. Co. (Knurled Cup Point), Meriden, Conn.
Buell Bros., Clinton, Conn.
Buffum Tool Co. ("Swastika," Tinners), South Side, Louisiana, Mo.
Bullock Mfg. Associates, Springfield, Mass
Cronk & Carrier Mfg. Co., Elmira, N. Y.
Deuse J. S., Chester, Conn.
Goodell-Pratt Co., Greenfield, Mass.
Irwin Auger Bit Co., Wilmington, O.
Jennings C. E. & Co. ("C. E. J. & Co.'s"), 71 Murray, New York
Johnson Wm. (Hedenberg Works), (Plain, Knurled Cup Points), Newark, N. J.
Kraeuter & Co., 583 18th av, Newark, N. J.
Lowentraut P. Mfg. Co., 36 Brenner ("U. S."), Newark, N. J.
Mayhew H. H. Co., Shelburne Falls, Mass.
Ohio Tool Company, Charleston, W. Va.
S. & I. Co., Springfield, Mass.
Sawyer Tool Mfg. Co., Ashburnham, Mass.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Smith H. D. & Co. ("Sharpenezy"), Plantsville, Conn.
Snell Mfg. Co., Fiskdale, Mass.
Stanley Rule & Level Co., New Britain, Conn.
STARRETT L. S. CO., THE, Athol, Mass.
See adv index at end of book
Steffen Gustave, 1934-38 N Reese, Philadelphia, Pa.
Stortz John & Son, 210 Vine, Phila, Pa.
Syracuse Twist Drill Co. ("Syracuse" & "Norol"), Borden av, Syracuse, N. Y.
Thayer Mfg. Co., Williamsburg, Mass.
TORRINGTON CO., THE EXCELSIOR PLANT, successor to Excelsior Needle Co., Torrington, Conn.
See adv index at end of book
Tuck Mfg. Co. (Plain, Corrugated, Knurled & Channel), Brockton, Mass.
Union Tool Co., Orange, Mass.
Vaughan & Bushnell Mfg. Co. ("V. & B."), 2114 Carroll av, Chicago, Ill.
Victor Saw Works ("Victor"), Springfield, Mass.
West Haven Mfg. Co. ("Easy Hold," "Wont Roll," "O. K."), West Haven, Conn.
Williams William Jr., New Britain, Conn.

10041a—Nailing Courses (Fireproof)

Flexner-Taylor Co. (Ltd.), ("Flexner" for Floor & Slate Nailing), 786 E. Broadway, So. Boston, Mass.

10042— Nails (Aluminum)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Hassell Jno. (Inc.), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.
Townsend Co., New Brighton, Pa.

10043—Nails (Aluminum Coated)

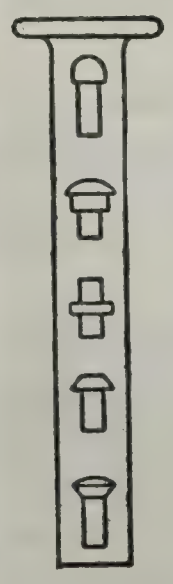
Wilder Metal Coating & Mfg. Co., Connellsville, Pa.

10044— Nails (Barbed)

American Steel Co., Park bldg, Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Belfont Iron Works Co., Ironton, O.
Cambria Steel Co., Widener bldg, Phila., Pa.
Corbin Screw Corporation (Steel Wire), New Britain, Conn.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Gulf States Steel Co., Birmingham, Ala.
Igoe Bros., 69 Metropolitan av, Brooklyn, N. Y.
Keystone Steel & Wire Co., Peoria, Ill.
Kokomo Steel & Wire Co., Kokomo, Ind.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Norton Iron Works (Common & Car), Ashland, Ky.
Townsend Co., New Brighton, Pa.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.
Wire Goods Co., Worcester, Mass.
Youngstown Sheet & Tube Co. (Common & Car), Youngstown, O.

Nails (Barrel)

See Nails, Box



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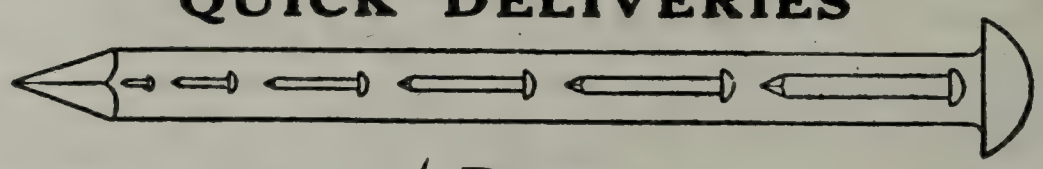
JOHN HASSALL, INC.

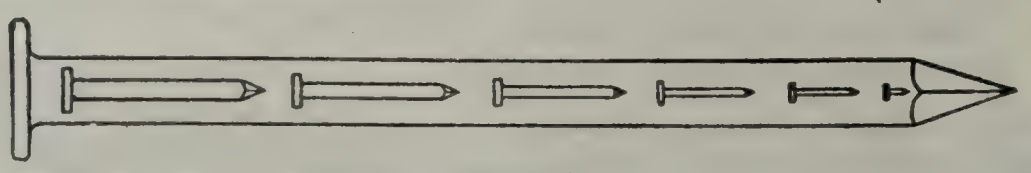
CLAY & OAKLAND STREETS
BROOKLYN, N. Y.

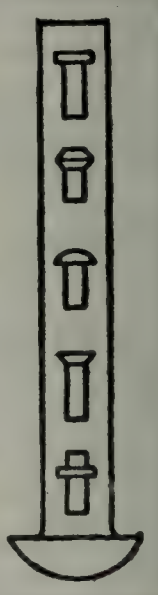
QUICK DELIVERIES



RIVETS
ESCUTCHEON PINS
SPECIAL WIRE NAILS

IN ALL METALS





10045— Nails (Basket)

American Steel Co., Park bldg, Pittsburgh, Pa.
American Steel & Wire Co., 208 La Salle, Chicago, Ill.
See adv index at end of book
Genesee Tack Co., Rochester, N. Y.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Townsend Co., New Brighton, Pa.

10045a—*Nails (Blue Lathed, Sanitary)

Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Youngstown Sheet & Tube Co., Youngstown, O.

10046— Nails (Box)

See also Nails, Wire

American Steel Co., Park bldg, Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO. (Barbed & Smooth), 208 S La Salle, Chicago, Ill. *See adv index at end of book*
Belfont Iron Works Co., Ironton, O.
Cambria Steel Co. (Plain & Barbed), Widener bldg, Phila., Pa.
Corbin Screw Corporation (Steel Wire), New Britain, Conn.
Crawfordsville Wire & Nail Co. (Barbed), Crawfordsville, Ind.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Gulf States Steel Co., Birmingham, Ala.
Igoe Bros., 69 Metropolitan av, Brooklyn, N. Y.
Keystone Steel & Wire Co., Peoria, Ill.
King H. B. Sales Agency, 244 California, San Francisco, Cal.
Kokomo Steel & Wire Co., Kokomo, Ind.
La Belle Iron Works, Steubenville, O.
Milwaukee Tack Co. (Berry Box, Basket, etc), 27th & Wahl av, Milwaukee, Wis.
Morgan Spring Co. (Barrel), Worcester, Mass.
See adv index at end of book
Norton Iron Works, Ashland, Ky.
Philips, Townsend & Co., N 4th & Glenwood av, Phila., Pa.
SMITH & McCROOKEN, INC. (Jobbers), 407 E 18th, New York
Stanley Geo. W. Co. (Barrel Only), Belleville, Ill.
Townsend Co., New Brighton, Pa.
Tremont Nail Co. (Cut), West Wareham, Mass.
Van Alen & Co. (Cut), Northumberland, Pa.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.
Wire Goods Co., Worcester, Mass.
Youngstown Sheet & Tube Co., Youngstown, O.

10047—Nails (Brass & Copper)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Atlas Tack Co., Fair Haven, Mass.
Berbecker & Rowland Mfg. Co., Waterville, Conn.
Clendenin Bros. (Copper), cor Central av & Fawn, Baltimore, Md.
Grammes L. F. & Sons (Brass), Allentown, Pa.
See adv index at end of book
Grand Crossing Tack Co., S Chicago, av, & E 79th, Chicago, Ill.
Hassall Jno. (Inc.), (Boat, Slating, etc), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York
Mattatuck Mfg. Co. (Brass Furniture), Waterbury, Conn.
Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.
Penn Tack Co., Norristown, Pa.
Rome Brass & Copper Co. (Cut Copper), Rome, N. Y.
Taunton-New Bedford Copper Co. (Copper Only), Taunton, Mass.
Townsend Co., New Brighton, Pa.
Trumpbour-Whitehead Brass & Copper Co., 309-311 Canal, New York & 43 No 7th, Philadelphia, Pa.
See adv index at end of book
Turner & Seymour Mfg. Co. (Fancy Brass), Torrington, Conn.
Whitehead Metal Products Co., 67-73 Washington, North, Boston, Mass.
See adv index at end of book

10048— Nails (Broom)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Belfont Iron Works Co., Ironton, O.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Townsend Co., New Brighton, Pa.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

10048a— Nails (Car Lining)

Weather Proofing Nail Co. ("Capnal"), Calvert bldg, Baltimore, Md.

10049— Nails (Carpet)

AMERICAN STEEL & WIRE CO. ("Peerless," "American" Tacks), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Corbin Screw Corporation (Steel Wire), New Britain, Conn.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Milwaukee Tack Co. ("Bonita," "Standard," "Leroy," etc), 27th & Wahl av, Milwaukee, Wis.
Penn Tack Co., Norristown, Pa.
Turner & Seymour Mfg. Co., Torrington, Conn.
Waterman R. C. & Co., S. Hanover, Mass.

10050— Nails (Casing)

American Steel Co., Park bldg., Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Belfont Iron Works Co., Ironton, O.
Cambria Steel Co., Widener bldg, Phila., Pa.
Crawfordsville Wire & Nail Co., Crawfordsville, Ind.
Gulf States Steel Co., Birmingham, Ala.
Igoe Bros., 69 Metropolitan av, Brooklyn, N. Y.
Keystone Steel & Wire Co., Peoria, Ill.
Kokomo Steel & Wire Co., Kokomo, Ind.
La Belle Iron Works, Steubenville, O.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Townsend Co., New Brighton, Pa.
Youngstown Sheet & Tube Co. (Casing & Smooth Box), Youngstown, O.

10051—Nails (Cement Coated Wire)

American Steel Co., Park bldg, Pittsburgh, Pa.
Cambria Steel Co., Widener bldg, Phila, Pa.
Continental Steel & Supply Co., Fulton bldg, Pittsburgh, Pa.
Eastern Nail Co., Providence, R. I.
Illinois Nail Co., 826 Dix, Chicago, Ill.
Indiana Steel & Wire Co., Muncie, Ind.
Interstate Iron & Steel Co., First Nat'l Bank bldg, Chicago, Ill.
Kokomo Nail & Brad Co., Kokomo, Ind.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Middleton Howard W. Co. ("Midco" "Stickers"), 911 Callowhill, Phila., Pa.
Pearson J. C. Co., Old South bldg, Boston, Mass.
SMITH & McCRORKEN, INC. (Jobbers), 407 E 18th New York
Townsend Co., New Brighton, Pa.
Walton & Macke Nail Co., Kokomo, Ind.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

10052— Nails (Cigar Box)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Hassall Jno. (Inc.), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.
Townsend Co., New Brighton, Pa.
Waterman R. C. & Co., S. Hanover, Mass.

10052a— Nails (Clamp)

Siegler Wm. & Son, 115 S Clinton, Chicago, Ill.

10053— Nails (Clinch)

American Steel Co., Park bldg, Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Baker Chas. F. & Co. (Wired), 48 Lincoln, Boston, Mass.
Belfont Iron Works Co., Ironton, O.
Cambria Steel Co., Widener bldg, Phila., Pa.
Crawfordsville Wire & Nail Co. (Barbed), Crawfordsville, Ind.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Gulf States Steel Co., Birmingham, Ala.
Igoe Bros., 69 Metropolitan av, Brooklyn, N. Y.
Kokomo Steel & Wire Co., Kokomo, Ind.
La Belle Iron Works, Steubenville, O.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
New York Iron Roofing & Corrugating Co., 94 1st, Jersey City, N. J.
Roberts G. G. Corp. ("Bull Dog"), Whitman, Mass.
Townsend Co., New Brighton, Pa.
Van Alen & Co. (Cut), Northumberland, Pa.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.
Youngstown Sheet & Tube Co., Youngstown, O.

Nails (Clout)

See Nails, Trunk, Clout & Finishing

10054— Nails (Clutch)

Acme Steel Goods Co., 2834 Archer av, Chicago, Ill.
CARY MFG. CO. ("Cary's" Patent Twisted), Nassau & Jay, Brooklyn, N. Y.
See adv index at end of book
DE HAVEN MFG. CO., 50 Columbia Heights, Brooklyn, N. Y.
Philips, Townsend & Co., N 4th & Glenwood av, Phila., Pa.

10055— Nails (Coated)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.
Youngstown Sheet & Tube Co., Youngstown, O.

10056— Nails (Corrugated)

Corrugated Steel Nail Co. (Steel), Springfield, O.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Penn Tack Co. (Brass, Cobblers', Headless Tapping), Norristown, Pa.
Phillips E. & Sons (Brass & Iron), South Hanover, Mass.
Rome Brass & Copper Co. (Brass Shoe), Rome, N. Y.
Townsend Co., New Brighton, Pa.

10057— Nails (Cut)

Brooke E. & G. Iron Co. (Black & Galvanized, Iron or Steel), Birdsboro, Pa.
Eastern Nail Co., Providence, R. I.
Holland Mfg. Co., Central av & Bank, Baltimore, Md.
Igoe Bros., Poinier, Newark, N. J.
Illinois Nail Co., 826 Dix, Chicago, Ill.
Judson Mfg. Co., 819 Folsom, San Francisco, Cal.
Kelly Nail & Iron Co., Ironton, O.
La Belle Iron Works, Steubenville, O.
Larkin J. K. & Co. (Iron & Steel), 34 Reade, New York
See adv index at end of book

NAILS (CUT)—continued
Lessig Geo. B. Co. (Iron & Steel), Pottstown, Pa.
Malleable Iron Fittings Co. ("M. I. F. Co." Zinc Coated Iron), Branford, Conn.
Norton Iron Works, Ashland, Ky.
Penn Tack Co. (Blue & Tinned), Norristown, Pa.
Pickering R. S., Sharon Hill, Pa.
Plymouth Mills, Plymouth, Mass.
Stanley Geo. W. Co., Belleville, Ill.
Superior Tack & Nail Co. (Small), Derby, Conn.
Tremont Nail Co., West Wareham, Mass.
Van Alen & Co. (Iron & Steel), Northumberland, Pa.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

10058—Nails (Double Headed)

Neider F. A. Co., Augusta, Ky.

Nails (Electrotypers' & Engravers')

See Nails, Small

Nails (Finishing)

See Nails, Trunk, Clout & Finishing

10059— Nails (Foundry)

American Steel Co., Park bldg, Pittsburgh, Pa.
Angell Nail & Chaplet Co., Cleveland, O.
Brooke E. & G. Iron Co. (Iron), Birdsboro, Pa.
Cambria Steel Co., Widener bldg, Philadelphia, Pa.
Cleveland Galvanizing Works Co. ("Clegalco"), 3924 Cooper av, Cleveland, O.
Gulf States Steel Co., Birmingham, Ala.
Kokomo Steel & Wire Co., Kokomo, Ind.
Townsend Co., New Brighton, Pa.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

10060— Nails (Galvanized)

American Steel Co., Park bldg, Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S. La Salle, Chicago, Ill.
See adv index at end of book
Belfont Iron Works Co. (Wire), Ironton, O.
Brooke E. & G. Iron Co. (Cut), Birdsboro, Pa.
Cambria Steel Co., Widener bldg, Philadelphia, Pa.
Cleveland Galvanizing Works Co. (Cut) 3924 Cooper av, Cleveland, O.
Eastern Nail Co., Providence, R. I.
Gulf States Steel Co., Birmingham, Ala.
Keystone Steel & Wire Co., Peoria, Ill.
King H. B. Sales Agency, 244 California, San Francisco, Cal.
Kokomo Steel & Wire Co., Kokomo, Ind.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Malleable Iron Fittings Co. ("M. I. F. Co." Iron & Steel, Cut, Wire & Boat Nails, etc), Branford, Conn.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Pittsburgh Steel Co. (Wire, All Kinds), 5th av & Grant, Pittsburgh, Pa.
Townsend Co., New Brighton, Pa.
Tremont Nail Co. (Cut), West Wareham, Mass.
Wilcox, Crittenden & Co. (Cut, Boat & Wire), Middletown, Conn.
Wilson Steel Products Co., 49th & S. Western av, Chicago, Ill.
Youngstown Sheet & Tube Co., Youngstown, O.

10061—Nails (German Silver)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Hassall Jno. (Inc.), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book

10062—Nails (Gilt, Furniture, Etc.)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Traut & Hine Mfg. Co., New Britain, Conn.
Turner & Seymour Mfg. Co., Torrington, Conn.

10063—Nails (Hand Picked)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Hassall Jno. (Inc.) (For Machine Driving), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Townsend Co., New Brighton, Pa.

10064— Nails (Hoop)

American Steel Co., Park bldg, Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Belfont Iron Works Co., Ironton, O.
Cleveland Tack Works, 1303 E 49th, Cleveland, O.
Genesee Tack Co., Rochester, N. Y.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Gulf States Steel Co., Birmingham, Ala.
Igoe Bros., Poinier, Newark, N. J.
Kokomo Steel & Wire Co., Kokomo, Ind.
La Belle Iron Works, Steubenville, O.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.
Norton Iron Works, Ashland, Ky.
Tower Mfg. Co., Elm & Commerce, Cincinnati, O.
Townsend Co., New Brighton, Pa.

10065— Nails (Horse)

Ausable Horse Nail Co. ("Ausable," "American," "Clinton"), Keeseville, N. Y.
Capewell Horse Nail Co., Hartford, Conn.
Essex Horse Nail Co. (Ltd.), Essex, N. Y.
Fowler Nail Co. ("Vulcan," "Reliance," "Shamrock," "Crown"), Seymour, Conn.
Standard Horse Nail Co. ("Brighton," "Russell," "Beaver," "Bright Shear Blue," "New Standard," "Leader"), New Brighton, Pa.
Union Horse Nail Co. ("Northwestern"), 1524 W 22d, Chicago, Ill.

10066— Nails (Hub Band)

Atlas Tack Co., Fair Haven, Mass.

10067— Nails (Hungarian)

Genessee Tack Co., Rochester, N. Y.

10068— Nails (Insulated)

Eureka Supply Co., Sewell, N. J.

10069— Nails (Lead)

Hassall Jno. (Inc.), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Townsend Co., New Brighton, Pa.

10070— Nails (Mission)

Turner & Seymour Mfg. Co. (Cast Brass), Torrington, Conn.

10071—Nails (Nailing Machine)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Hassall John (Inc.), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Townsend Co., New Brighton, Pa.

10072—Nails (Needle Point)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Superior Tack & Nail Co., Derby, Conn.
Townsend Co., New Brighton, Pa.

10073— Nails (Numeral)

Berbecker & Rowland Mfg. Co., Waterville, Conn.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Turner & Seymour Mfg. Co., Torrington, Conn.

10074— Nails (Oxidized)

Baltimore Oxidized Nail Co., 215 S Central av, Baltimore, Md.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book

Nails (Photo Engravers')

See Nails, Electrotypers' & Engravers'

10075— Nails (Picture)

Parker Wire Goods Co. ("Crown" Brass Capped), Worcester, Mass.
Townsend C. C. & E. P. Co., New Brighton, Pa.
Turner & Seymour Mfg. Co., Torrington, Conn.
Turner & Stanton Co. (Gilt & Fancy), Norwich, Conn.

10076—Nails (Roofing & Slating)

American Steel Co., Park bldg., Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO. (Barbed, Felt, Slating, Shingle, etc), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Angell Nail & Chaplet Co., Cleveland, O.
Atlas Tack Co., Fairhaven, Mass.
Belfont Iron Works Co., Ironton, O.
Cambria Steel Co., Widener bldg, Philadelphia, Pa.
Cleveland Tack Works (Slating), 1303 E 49th, Cleveland, O.
Corbin Screw Corporation (Steel Wire; also Barbed), New Britain, Conn.
Crawfordsville Wire & Nail Co. (Barbed), Crawfordsville, Ind.
Crescent Brass & Pin Co. (Roofing only), 1150 Trumbull, Detroit, Mich.
Delphos Mfg. Co., (Roofing), 1st & Pierce, Delphos, O.
Gulf States Steel Co., Birmingham, Ala.
Hassell Jno. (Inc.), (Copper Wire), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Hungerford U. T. Brass & Copper Co. (Copper & Yellow Metal), 80 Lafayette, New York
Hussey C. G. & Co. (Slating Nails), 2850 2d av, Pittsburgh, Pa.
Igoe Bros., 69 Metropolitan av, Brooklyn, N. Y.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Keystone Steel & Wire Co., Peoria, Ill.
Kokomo Steel & Wire Co., Kokomo, Ind.
La Belle Iron Works, Steubenville, O.
Larkin J. K. & Co. (Roofing Only), 34 Reade, New York
See adv index at end of book
Malleable Iron Fittings Co. ("M. I. F. Co.," Zinc Coated Iron), Branford, Conn.
Miller's H. J. Sons (Weatherproof Shingle), Bridgewater, Mass.
Milwaukee Corrugating Co. (Jobbers), Milwaukee, Wis.
Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Norton Iron Works, Ashland, Ky.
Phillips E. & Sons, S Hanover, Mass.
Phillips, Townsend & Co., N 4th & Glenwood av, Phila, Pa.
Pittsburgh Steel Co. (Large Head), 5th av & Grant, Pittsburgh, Pa.
Sherman H. B. Mfg. Co. ("Simplex" Roofing Nails), Battle Creek, Mich.
Taunton-New Bedford Copper Co., Taunton, Mass.
Tower Mfg. Co., Elm & Commerce, Cincinnati, O.
Townsend Co., New Brighton, Pa.
Tremont Nail Co., West Wareham, Mass.
Van Alen & Co., Northumberland, Pa.
Weatherproofing Nail Co. ("Capnal" Weather Proofing), 451 North Baltimore, Md.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.
Wire Goods Co. (Barbed), Worcester, Mass.
Youngstown Sheet & Tube Co. (Slating & Barbed Roofing), Youngstown, O.

10077—Nails (Rubber Headed)

Combination Rubber Mfg. Co., Bloomfield, N. J.
Elastic Tip Co., 370 Atlantic av, Boston, Mass.

10078— Nails (Rubber Heel)

Eastern Nail Co., Providence, R. I.

10079—Nails (Saddle & Lining)

Atlas Tack Co., Fairhaven, Mass.
Enterprise Mfg. Co. ("Pflueger" Harness Spots & Saddle Nails), Akron, O.
Gulf States Steel Co., Birmingham, Ala.
Kokomo Steel & Wire Co., Kokomo, Ind.
Philips, Townsend & Co., N 4th & Glenwood av, Phila, Pa.
Shelton Tack Co. (Lining Only), Shelton, Conn.
Townsend Co., New Brighton, Pa.

Nails (Screen)

See Nails, Small

10080— Nails (Screw Head)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Hassall Jno. (Inc.), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Kokomo Steel & Wire Co., Kokomo, Ind.
Townsend Co., New Brighton, Pa.

10081—Nails (Self-Clinching)

Self-Clinching Nail Co. ("Self-Clinching," for Hollow Fireproof Construction, etc), 46 N 4th, Phila, Pa.

10082— Nails (Sherardized)

Eastern Nail Co., Providence, R. I.

10083— Nails (Shingle)

American Steel Co., Park bldg, Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Cambria Steel Co. Widener bldg, Philadelphia, Pa.
Corbin Screw Corporation, New Britain, Conn.
Crawfordsville Wire & Nail Co., Crawfordsvile, Ind.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Keystone Steel & Wire Co., Peoria, Ill.
Kokomo Steel & Wire Co., Kokomo, Ind.
La Belle Iron Works, Steubenville, O.
Maze W. H. Co. (Solid Zinc), Peru, Ill.
Miller's H. J. Sons, Bridgewater, Mass.
Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
National Sheet Metal Co. (Zinc), Peru, Ill.
Townsend Co., New Brighton, Pa.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.
Youngstown Sheet & Tube Co., Youngstown, O.

10084— Nails (Shoe)

Atlas Tack Co., Fairhaven, Mass.
Churchill & Allen, Lynn, Mass.
Clendenin Brothers (Brass & Brass Plated), Baltimore, Md.
Cleveland Tack Works, 1303 E 49th (Also Shoe Tacks), Cleveland, O.
Cross W. W. & Co., Brockton, Mass.
Diamond Tack & Nail Works, Boston, Mass.
Eastern Nail Co. (All Kinds), Providence, R. I.
Grammes L. F. & Sons (Wire), Allentown, Pa. *See adv index at end of book*
Grand Crossing Tack Co., S Chicago av & E 79th, Chicago, Ill.
Gurney D. B., Whitman, Mass.
H. C. Tack Co., Cleveland, O.
Hassall Jno. Inc., Clay & Oakland, Brooklyn, N. Y. *See adv index at end of book*
Haverhill Tack Co., Haverhill, Mass.
Holland Mfg. Co., Central av. & Bank, Baltimore, Md.
Judson Mfg. Co., 819 Folsom, San Francisco, Cal.
Milwaukee Tack Co. (Iron, Steel & Zinc), 27th & Wahl av, Milwaukee, Wis.
National Tack Co., East Bridgewater, Mass.
Penn Tack Co., Norristown, Pa.
Phillips E. & Sons (Also Machine, Shoe, Brass & Copper Shoe), South Hanover, Mass.
Roberts G. G. Corp., Whitman, Mass.
Rome Brass & Copper Co. (Corrugated Brass), Rome, N. Y.
Shelton Co., Shelton, Conn.
Stevens & Willis Co., South Braintree, Mass.
Tower Mfg. Co., Elm & Commerce, Cincinnati, O.
Townsend Co., New Brighton, Pa.
Waterman R. C. & Co., So Hanover, Mass.

10085— Nails (Small)

See also Tack Manufacturers

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Atlas Tack Co., Fairhaven, Mass.
Belfont Iron Works Co., Ironton, O.
Cleveland Tack Works, 1303 E 49th, Cleveland O.
Corbin Screw Corporation, New Britain, Conn.
Fuller G. E. & A. I., Keene, N. H.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Gulf States Steel Co., Birmingham, Ala.
Hassall Jno. (Inc.), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Holland Mfg. Co., Central av & Bank, Baltimore, Md.
Igoe Bros., 69 Metropolitan av, Brooklyn, N. Y.
Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.
Phillips E. & Sons (Iron, Steel, Copper, Brass & Zinc), S Hanover, Mass.
Rhodes M. M. & Sons Co. (Upholstery), Taunton, Mass.
Ripley & Bartlett, Plymouth, Mass.
Roberts G. G. Corp., Whitman, Mass.
Shelton Co., Shelton, Conn.
Stanley Geo. W. Co., Belleville, Ill.
Torrington Mfg. Co. (Furniture), Torrington, Conn.
Tower Mfg. Co. (Basket Hoop, etc), Elm & Commerce, Cincinnati, O.
Townsend Co., New Brighton, Pa.
Tremont Nail Co. (Cut), West Wareham, Mass.
Turner & Seymour Mfg. Co. (Furniture, etc), Torrington, Conn.
Waterman R. C. & Co., So Hanover, Mass.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.
York Tack & Nail Works (Cut), York, Pa.

10086—Nails (Socket Corner)

Berbecker & Rowland Mfg. Co., Waterville, Conn.

10087— Nails (Special)

American Steel Co., Park bldg, Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Belfont Iron Works Co., Ironton, O.
Cambria Steel Co., Widener bldg, Philadelphia, Pa.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Gulf States Steel Co., Birmingham, Ala.
Hassall Jno. Inc., (Also Plated), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Kokomo Steel & Wire Co., Kokomo, Ind.
La Belle Iron Works, Steubenville, O.
Townsend Co., New Brighton, Pa.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

10088— Nails (Stay)

Brewer Bros. Co. (Wrought), 614 Filbert, Phila., Pa.
Hager C. & Sons, Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.

10089— Nails (Tie Dating)

American Steel & Wire Co. (Tie Pole or Marking), 208 So La Salle, Chicago, Ill.
See adv index at end of book
Kokomo Steel & Wire Co., Kokomo, Ind.
Townsend Co., New Brighton, Pa.
Western Railway Equipment Co., Central National Bank bldg, St. Louis, Mo.

10090— Nails (Tobacco)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Cambria Steel Co., Widener bldg, Philadelphia, Pa.
Corbin Screw Corporation, New Britain, Conn.
Gulf States Steel Co., Birmingham, Ala.
Igoe Bros., 69 Metropolitan av, Brooklyn, N. Y.
Kokomo Steel & Wire Co., Kokomo, Ind.
Norton Iron Works. Ashland, Ky.
Townsend Co., New Brighton, Pa.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.
Youngstown Sheet & Tube Co., Youngstown. O.

10091—Nails (Trunk Clout & Finishing)

American Steel Co., Park bldg, Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Atlas Tack Co., Fair Haven, Mass.
Belfont Iron Works Co., Ironton, O.
Cambria Steel Co., Widener bldg, Philadelphia, Pa.
Cleveland Tack Works, 1303 E 49th, Cleveland, O.
Corbin Screw Corporation (Finishing Smooth Steel Wire), New Britain, Conn.
Crawfordsville Wire & Nail Co., Crawfordsville, Ind.
Diamond Tack & Nail Works, Boston, Mass.
Genesee Tack Co., Rochester, N. Y.
Gulf States Steel Co., Birmingham, Ala.
Holland Mfg. Co., Central av & Bank Baltimore, Md.
Igoe Bros., 69 Metropolitan av, Brooklyn N. Y.
Keystone Steel & Wire Co., Peoria, Ill.
Kokomo Steel & Wire Co., Kokomo, Ind.
La Belle Iron Works, Steubenville, O.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Milwaukee Tack Co., 27th & Wahl av Milwaukee, Wis.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Norton Iron Works, Ashland, Ky.
Penn Tack Co., Norristown, Pa.
Phillips E. & Sons, South Hanover, Mass
Philips, Townsend & Co., N 4th & Glenwood, Phila., Pa.
Shelton Tack Co., Shelton, Conn.
Somers Patrick E., Worcester, Mass.
Stanley Geo. W. Co., Belleville, Ill.
Tower Mfg. Co., Elm & Commerce, Cincinnati, O.
Townsend Co., New Brighton, Pa.
Van Alen & Co. (Cut), Northumberland, Pa.
Waterman R. C. & Co., So Hanover, Mass.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.
Wire Goods Co., Worcester, Mass.
Youngstown Sheet & Tube Co. (Finishing), Youngstown, O.

Nails (Upholsterers')

See Tacks, Upholsterers'

10092— Nails (Wire)

American Steel Co., Park bldg, Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Atlantic Steel Co., Atlanta, Ga.
Atlas Tack Co. (And Wire Tacks), Fairhaven, Mass.
Badger Nail Co., 159 Muskego av, Milwaukee, Wis.
Baker Chas. F. & Co., 48 Lincoln, Boston, Mass.
Belfont Iron Works Co., Ironton, O.
Cambria Steel Co., Widener bldg, Philadelphia, Pa.
Cedarburg Wire & Wire Nail Co. (Sizes ¼ to 4 in.), Cedarburg, Wis.
Colorado Fuel & Iron Co., Denver, Colo.
Continental Steel & Supply Co. (Cement Coated Common), Fulton bldg, Pittsburgh, Pa.
Corbin Screw Corporation (Steel), New Britain, Conn.

NAILS (WIRE)—continued

Crawfordsville Wire & Nail Co. (All Sizes), Crawfordsville, Ind.
Eastern Nail Co., Providence, R. I.
Ellwood City Nail Co., Pittsburgh, Pa.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Grand Crossing Tack Co. (All Sizes), S Chicago av & E 79th, Chicago, Ill.
Gulf States Steel Co., Birmingham, Ala.
Gurney D. B. (Sizes up to 20 Penny), Whitman, Mass.
Hassall Jno. (Inc.), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Igoe Bros, 69 Metropolitan av, Brooklyn, N. Y.
Illinois Nail Co., 826 Dix, Chicago, Ill.
Indiana Steel & Wire Co. (Plain & Cement, Coated), Muncie, Ind.
Interstate Iron & Steel Co., First Nat'l Bank bldg, Chicago, Ill.
Janesville Barb Wire Co., Janesville, Wis.
Jones & Laughlin Steel Co. (Steel), Ross, Pittsburgh, Pa.
Judson Mfg. Co., 819 Folsom, San Francisco, Cal.
Kelly Nail & Iron Co., Ironton, O.
Keystone Steel & Wire Co., Peoria, Ill.
King H. B. Sales Agency, 244 California, San Francisco, Cal.
Kokomo Steel & Wire Co., Kokomo, Ind.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Malleable Iron Fittings Co. ("M. I. F. Co," Zinc Coated), Branford, Conn.
Milwaukee Tack Co., (Small Only), 27th & Wahl av, Milwaukee, Wis.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Nichols Wire Co., 21st & Baltimore, Kansas City, Mo.
Norton Iron Works, Ashland, Ky.
Parker Wire Goods Co., Worcester, Mass.
Philips, Townsend & Co. (All Sizes), N 4th & Glenwood av, Phila., Pa.
Pittsburgh Steel Co., 5th av, & Grant, Pittsburgh, Pa.
Plymouth Mills (Small), Plymouth, Mass.
Saul Eugene C., Monadnock bldg, San Francisco, Cal.
SMITH & McCRORKEN, INC. (Jobbers), 407 E 18th, New York
SOULE EDW. L. CO. (Iron & Steel Products of All Kinds), Rialto bldg., San Francisco, Cal.
See adv index at end of book
Spencer Wire Co., Worcester, Mass.
Stanley Geo. W. Co. (Small), Belleville, Ill.
Superior Tack & Nail Co., Derby, Conn.
Townsend Co., New Brighton, Pa.
Walton & Macke Nail Co. (Cement Coated), Kokomo, Ind.
Washburn Wire Co., Phillipsdale, R. I.
Waterman R. C. & Co. (Small), South Hanover, Mass.
Wickwire Bros., Cortland, N. Y.
Wickwire Steel Co., Buffalo, N. Y.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.
Wire Goods Co., Worcester, Mass.
Youngstown Sheet & Tube Co., Youngstown, O.

10093—Nails (Yellow Metal)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Taunton-New Bedford Copper Co., Taunton, Mass.

10094— Nails (Zinc Coated)

Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.

10095—Nails & Studs (Ornamental)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Yale & Towne Mfg. Co., 9 E 40th, New York

10096— Name Plates

Abbott W. H., 143 W 42d, New York
American Name Plate Co., 352 Atlantic av, Boston, Mass.
Aterite M. H. Co. Inc. (Non-Corrosive), 55 John, New York
Becker August Engraving Co. (Cast), 247 Atlantic av, Boston, Mass.
Blake Mfg. Co. (Bicycle, etc), Springfield, Mass.
BOSSERT CORP., THE, Utica, N. Y.
See adv index at end of book
Brinkerhoff's J. P. Sons, 57 Dey, New York
Buckeye Iron & Brass Wks. (Brass), Dayton, O.
CHANDLER CO., Springfield, Mass.
Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
Cleveland Galvanizing Works Co. (Sidewalk Brass), 3924 Cooper av, Cleveland, O.
Columbus Brass Co. (Brass & Bronze), 538 Dublin av, Columbus, O.
See adv index at end of book
Corbin Cabinet Lock Co. (Wrought, Brass, etc), New Britain, Conn.
Crowe Name Plate & Engraving Co. (Etched), 1749 Grace, Chicago, Ill.
Dent Hardware Co. (Raised or Sunken Letter), Fullerton, Pa.
Dickey-Grabler Works (All Kinds), 118 Noble ct, Cleveland, O.
Electro Chemical Engraving Co. (Inc.) (Etched), 450 19th, Brooklyn, N. Y.
Everett A. & Son, Auburn, N. Y.
G. & P. Engraving Co., Wollaston, Mass.
Gibbs W. F. Mfg. Co. (Celluloid), Hamden, Conn.
Grammes L. F. & Sons (Cast, Etched, Cut Out, etc), Allentown, Pa.
See adv index at end of book
Haeusermann Metal Mfg. Co., 3114 3d av, New York
Hanson C. H. Co., 178 N Clark, Chicago, Ill.
Highton Wm. & Sons Co. (Automobile, etc), Nashua, N. H.
Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill. *See adv index at end of book*
Kautz Fred C. & Co., 2633 W Lake, Chicago, Ill.
Knight H. W. & Son, Seneca Falls, N. Y.
Kokomo Fence Machine Co. (Aluminum Only), Kokomo, Ind.
Konigslow E. Stamping & Tool Works, Cleveland, O.
Limerick J. Arthur Co., 960 N Howard, Baltimore, Md.
Matthews Jas. H. & Co. (Stamped, Cast & Etched), 3942 Forbes, Pittsburgh, Pa.
Mayer Geo. J. & Co., 36 S. Meridian, Indianapolis, Ind.
Metal Crafters, East Stroudsburg, Pa.
See adv index at end of book
Meyer & Wenthe, 108 N Dearborn, Chicago, Ill.
Moise-Klinkner Co., 369 Market, San Francisco, Cal.
Mulhaupt F. Jos., Lafayette, Ind.
Murdock W. Jas. Co., 116 Opera pl, Cincinnati, O.
Newark Brass Plate Engraving Co. (Etched), 52 Laurence, Newark, N. J.
Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; & 68 W Washington, Chicago, Ill.
See adv index at end of book
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Nopier-Browning Co. (Celluloid), 105 W 40th, New York
Norwalk Lock Co., South Norwalk, Conn.
Premier Metal Etching Co., 14th, Long Island City, N. Y.
Reading Hardware Co., Reading, Pa.
Riley-Klotz Co., Mulberry, Newark, N. J.
Robbins John Mfg. Co., 58 Kneeland, Boston, Mass.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Schmidt Geo. T., 136 W Lake, Chicago, Ill.
Shonk Chas. W. Co., Maywood, Ill.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.
Star Brass Mfg. Co., 108 E Dedham, Boston, Mass.
Torrey Roller Bushing Works, Bath, Me.
Turner Brass Works (Brass, Bronze & Aluminum), Sycamore, Ill.
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
Union Porcelain Works, 300 Eckford, Brooklyn, N. Y. (Sign & Number Plates, Porcelain)
Wadsworth Engraving Co., Springfield, O.
Western Brass Mfg. Works (In Different Names), Marshall blvd & W 21st, Chicago, Ill.
Wolverine Brass Works, Grand Rapids, Mich.
Woodman R. Mfg. & Supply Co., 82 Sudbury, Boston, Mass.
Wright Greg. G. & Son, 119 Opera pl, Cincinnati, O.

10097—Name Plates (Cement Sidewalk)

Knight H. W. & Son, Seneca Falls, N. Y.
Kramer Bros. Foundry Co., Dayton, O.
Leggett & Duryea (Brass), Princeton, N. J.
Matthews Jas. H. & Co. (Brass), Pittsburgh, Pa.
Schmidt Geo. T. (Brass), 136 W Lake, Chicago, Ill.
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.

10098—Name Plates (Telephone)

Electro Chemical Engraving Co. (Inc.) (Etched), 450 19th, Brooklyn, N. Y.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Shonk Chas. W. Co., Maywood, Ill.

10098a— Naphtha

Du Pont Chemical Works, 120 B'way, New York

10099—Naphtha (Coal Tar)

Barrett Co., 17 Battery pl, New York
Cambria Steel Co., Widener bldg, Phila., Pa.

10100— Naphtha Gas

Sun Co., Finance bldg, Philadelphia, Pa.

10101— Naphtha Refiners

Advance Oil Co., Oil City, Pa.
Atlantic Refining Co., 3144 Passyunk av, **Philadelphia, Pa.**
Barrett Co., (Naphthaline, 17 Battery pl, **New York**
Canfield Oil Co., Cleveland, O.
Clarendon Refining Co., Clarendon, Pa.
Cornplanter Refining Co., Warren, Pa.
Craig Oil Co., Toledo, Ohio
Emery Mfg. Co., Bradford, Pa.
Empire Oil Works, Oil City, Pa.
Great Western Oil Co., 2846 E 37th, Cleveland, O.
Gulf Refining Co. (Engines, Painters, etc), Frick bldg, annex, Pittsburgh, Pa.
Indian Refining Co., 244 Madison av, New York
International Refining Co., Tulsa, Okla.
Louisiana Oil Refining Co., Shreveport, La.
Miller's A. D. Sons Co., Columbus & Preble, Pittsburgh, Pa.
Mutual Refining Co. (Ltd.), Warren, Pa.
National Refining Co., Cleveland, O.
Ohio Cities Gas Co., Columbus, O.
Paragon Refining Co., Toledo, O.
Penn American Refining Co., Oil City, Pa.
Pennsylvania Paraffine Works, Titusville, Pa.
Pennsylvania Refining Co., Karns City, Pa.
Pure Oil Co., Lafayette bldg, Phila., Pa.
Southern Oil Corp., Tulsa, Okla.
Standard Oil Co. of Cal., 200 Bush, San Francisco, Cal.
Standard Oil Co. of N. J., 26 B'way, New York
Standard Oil Co. of N. Y. ("Socony"), 555 W 25th, New York
Sun Co. (56 Gravity Deodorized), Finance bldg, Phila., Pa.
Sunlight Oil & Gasoline Co., 49th & Gray's av, Phila., Pa.
Texas Co. ("Texaco," Safety Varnish), 17 Battery pl, New York
Union Petroleum Co., Widener bldg, Philadelphia, Pa.
Warren Refining Co., Warren, Pa.
Waverly Oil Works Co., Pittsburgh, Pa.

10102— Naphtha (Solvent)

Barrett Co., 17 Battery pl, New York
Bayway Chemical Co., Elizabeth, N. J.
Semet-Solvay Co., Syracuse, N. Y.
United Gas Improvement Co., Phila., Pa.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER

ESTABLISHED 1867

DANA AND COMPANY, Inc. 111 Broadway NEW YORK

Importers, Exporters and Manufacturers' Agents

HEAVY CHEMICALS

NAPTHALENE BALLS AND NAPTHALENE CRYSTALS
Prime White—Guaranteed Minimum M. P. 79 deg. C.
U. S. P. PHENOL—Guaranteed Minimum M. P. 38 deg. C.
(Natural Phenol)
ORTHO CRESOL—M. P. 27 deg.-29 deg. C. Sp. Gr. 1.05.
U. S. P. Cresol and Other Chemicals

EASTERN REPRESENTATIVES OF THE CHATFIELD MANUFACTURING COMPANY

10103— Naphthalene

Agawam Chemical Works, (Dinitro), Grosvenor bldg, Providence, R. I.
Bischoff C. & Co. (Imp), 451 Wash'n, New York
Cambria Steel Co., Widener bldg, Phila., Pa.
C. P. N. CHEMICAL CO., INC., 78 Reade, New York; 231 West Huron, Chicago, Ill.
DANA & CO., INC., 111 B'way, New York
See adv index at end of book
Du Pont Chemical Works, 120 B'way, N. Y.
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Innis, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*
National Aniline & Chemical Co. (Imp.) (Flakes, Ball & Crystals), 21 Burling slip, New York
Nitrated Chemicals Co., Inc. (Flake), Lorain, O.
Roessler & Hasslacher Chemical Co. (Flake, Ball & Crystal), 100 William, New York
Semet-Solvay Co. (Solvent), Syracuse, N. Y.
United Gas Improvement Co., No. Broad & Arch, Philedalphia, Pa.
White Tar Co., John & Cliff, New York

10103a— Napthalene Balls

DANA & CO., INC., 111 B'way, New York
See adv index at end of book

10104— Naphthalizarine

Bischoff C. & Co. (Imp), 451 Washington, New York

10105— Naphthol (Manufacturers & Importers)

Farbwerke-Hoechst Co., 122 Hudson, New York
Sykes W. F. & Co., 176 William, New York

10105a— Naples Yellow

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

10106— Nebulizers

Globe Mfg. Co., Battle Creek, Mich.
Holland Instrument Corp., 2314 N 11th av, Phila., Pa.
Whitall, Tatum Co., 410 Race, Phila., Pa.

10107— Neck Yokes

Adams E. B. & Son ("Adams" Safety), Racine, Wis.
Avery B. F. & Sons, Louisville, Ky.
Baltimore Hub-Wheel & Mfg. Co., Fallsway & Gy., Baltimore, Md.
Buckeye Handle, Gear & Bending Co., Alliance, O.
Burroughs-Ross-Colville Co., McMinnville, Tenn.
Campbell & Dann Mfg. Co., Tullahoma, Tenn.
Canfield Mfg. & Novelty Co., Canfield, O.
Carriage Woodstock Co., Owensboro, Ky.
Collins Hilton Co., Louisville, Ky.
Columbiana Mfg. Co., Columbiana, O.
Conn A. H. ("Conn's Mountaineer," "Little Giant," "Iron Clad"), Cedar Rapids, Ia.
Covert Saddlery Works, Interlaken, N. Y.
Crane & MacMahon (Inc.), 10 Bridge, New York
Crook Son & Co., Hicksville, O.
Fort Smith Rim & Bow Co., Fort Smith, Ark.
Gillette C. H., Indianapolis, Ind.
Gillette W. H. Mfg. Co., Louisville, Ky.
Graham Thos. & Co., Madison, Ind.
Hartwell C. L. & Co., Chicago Heights, Ill.
Harvey Spring & Forging Co. (Wagon & Plow), Racine, Wis.
Heider Mfg. Co., Carroll, Ia.
Heiser J. B., Atwater, O.
Herschel R. Mfg. Co., Peoria, Ill.
Imperial Bit & Snap Co., Racine, Wis.
Keller & Tamm Mfg. Co., Victor & Levee, St. Louis, Mo.
Lack Singletree Co. ("Noxall," "National"), Paducah, Ky.
Lamb-Fish Lumber Co., Charleston, Miss.
Lebzelter P. & Son Co., Lancaster, Pa.
Leonard F. B. & Co., Metropolis, Ill.
Lindsay Mfg. Co., Ottumwa, Ia.
Medina Bending Works, Medina, O.
Metropolis Bending Co., Metropolis, Ill.
National Neck Yoke Co., ("Pearson," "National," "Rock Island," "Shuman"), Rock Island, Ill.
Nixdorff, Krein Mfg. Co., 900 Howard, St. Louis, Mo.
North Indianapolis Cradle Works, Indianapolis, Ind.
Oshkosh Mfg. Co., Oshkosh, Wis.
Peterson Samuel, Warren, Pa.
Phipps J. H. Lumber Co., Fayetteville, Ark.
Prouty C. & Co. ("Jocky"), Eldred, Pa.
Racine General Mfg. Co. ("Honest John"), Racine, Wis.
Racine Malleable & Wrought Iron Co., Racine, Wis.
Ransome-Leach Co., 115 B'way, New York
Reno Mfg. Co. ("New Era," "Express," "Torpedo" Wagon, Buggy, etc), Erie, Pa.
Sequatchie Handle Works, Sequatchie, Tenn.
Sharon Steel Hoop Co. ("Danielson" Pressed Steel), Sharon, Pa.
Sheldon Handle Co., Kinzua, Pa.
Shrauger & Johnson, Atlantic, Ia.
Shupp S., Effort, Pa.
Sieg Co., Davenport, Ia.
Spencer Mfg. Co., Spencer, Ind.
Stevens A. E. & Co., Portland, Me.
Tanner D. F., Holland, N. Y.
Titusville Handle Co., Titusville, Pa.
Towers & Sullivan Mfg. Co., Rome, Ga.
Turnbull Wagon Co. (Hickory Wagon Sets), Defiance, O.
Turner, Day & Woolworth Handle Co., Louisville, Ky.
Union Bending Works, Collins, O.
United States Pressed Steel Co. (Pressed Steel), Ypsilanti, Mich.
Vehicle Supply Co., Cairo, Ill.
Von Behren Mfg. Co., Evansvile, Ind.
Westwood Turning Co., Fremont, O.
Wildermuth Bending Co., Columbus, O.
Youngstown Pressed Steel Co., Youngstown, O.

Needle Mfrs.

See also Needles, Various Kinds, under head of Textile Machinery, Supplies, etc.

10108—Needles (Bag or Sack)

Barr Bros. Co. (Hand Made), Oakland, Cal.
Berbecker & Rowland Mfg. Co., Waterville, Conn.

10108a—Needles (Belt Lacing Machine)

Simmons Mfg. Co., 77th & Lyons av, Philadelphia, Pa.

10109— Needles (Broom)

Berbecker & Rowland Mfg. Co., Waterville, Conn.
Hyde Mfg. Co., Southbridge, Mass.

10110— Needles (Carpet)

Berbecker & Rowland Mfg. Co., Waterville, Conn.

10111 Needles (Darning)

Berbecker & Rowland Mfg. Co., Waterville, Conn.

10112—Needles (Hand Sewing)

Lightning Needle Co., 564 Broadway, New York

10113—Needles (Harness)

Berbecker & Rowland Mfg. Co., Waterville, Conn.

10114—Needles (Hypodermic, Dental, Etc.)

Banks F. S. & Co., 149 Church, New York
National Thermometer Co., 125 E 23d, New York
Randall-Faichney Co. ("R. & B." "Climax," "Imperial"), Boston, Mass.
Tagliabue Chas. J. Mfg. Co., 18 33rd, Brooklyn, N. Y.
Weinhagen Henry, 159 Leonard, New York

10114a—*Needles (Knitting, Wooden)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Needles (Mining)

See Miners' Needles & Scrapers

10115— Needles (Packing)

Berbecker & Rowland Mfg. Co., Waterville, Conn.

Needles (Phonograph)

See Needles, Talking Machines

Needles (Sewing Machine)

For page of this trade see index of contents

10116—Needles (Talking Machine)

B. & H. Fibre Mfg. Co. (Fibre), 35 W. Kinzie, Chicago, Ill.
Dean Jno. M. Corp., Putnam, Conn.
Paddock-Williamson Co., 1036 Euclid av, Cleveland, O.
Valvatone Wood Needle Co., Kansas City, Mo.
Victor Talking Machine Co., Camden, N. J.

10117-8—Needles (Upholsterers')

Berbecker & Rowland Mfg. Co., Waterville, Conn.

Nets (Arc Globe)

See Guards, Electric Lamp

10119—Nets (Fish Landing)

Meisselbach A. F. & Bros. ("Harrimac" Steel Collapsing," "Our Own," "I-D-L"), 29 Congress, Newark, N. J.
St. Charles Net & Hammock Co., St. Charles, Ill.
Young Carlos G. ("Barnes" Folding) 320 Market, San Francisco, Cal.

10120— Nets (Life Saving)

Combination Ladder Co. ("Manhattan"), 366 Fountain, Providence, R. I.
Cory-Patterson Mfg. Co. ("Browder"), Greeenfield, O.
Hayward S. F. & Co. ("Hayward," "Atlas," "Bonner," "Empire"), 250 W 54th, New York
Hunter Malcolm, 32 Dutchkill
Woodhouse Mfg. Co., 64 W B'way, New York

10121— Netting (Mosquito)

Adams Mfg Co., Shelton, Conn.
Cutler Mills Co., Packer, Conn.
Gage John S. (Head Nets for Mosquitoes), **510 B'way, New York**
Leather Geo. E., 1543 Ruan, Philadelphia, Pa.
Lindley Mfg. Co., Tusculum & A, Philadelphia, Pa.
McLean Andrew Co., Passaic, N. J.
North Scituate Cotton Mills, N. Scituate, R. I.
Palmer I. E. Co., Middletown, Conn.
Thompson Jas. & Co., 112 Prince, New York
Westerly Textile Co., Westerly, R. I.

10121a— Netting (Wire)

Tyler W. S. Co., Cleveland, O.
See adv index at end of book

10122—Neutralizer (Electric)

Chapman Electric Neutralizer Co. ("Chapman," to Remove Static Electricity) Portland, Me.
Portland Co. ("Chapman" Process), Portland, Me.
United Printing Machinery Co. ("Chapman," Sole U. S. Selling Agents), 100 Summer, Boston, Mass.

10123— Nickel (Aluminized)

New Era Mfg. Co., Kalamazoo, Mich.

10123a—Nickel Ammonium Sulphate

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

10123b— Nickel Carbonate

Drakenfeld B. F. & Co. (Selling Agents), 50 Murray, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

10124— Nickel Chloride

Drakenfeld B. F. & Co. (Selling Agents), 50 Murray, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

10125— Nickel (Electrolytic)

American Smelting & Refining Co., 120 B'way, New York
International Nickel Co., 43 Exchange pl, New York
Raritan Copper Works, 42 B'way, New York

10126— Nickel Mfrs.

Daft A. C. (Mfrs. Agent), Oliver bldg, Pittsburgh, Pa.
Driver-Harris Co., (Sheet, Wire & Ribbon), Harrison, N. J.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
International Nickel Co., 43 Exchange pl, New York
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
See adv index at end of book
United States Nickel Co. (Cube Nickel), New Brunswick, N. J.

10126a— Nickel Nitrate

Drakenfeld B. F. & Co. (Selling Agents), 50 Murray, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

10126b Nickel Oxide

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Roessler & Hasslacher Chem. Co., 100 William, New York

Nickel Salts (Double)

See Nickel Sulphate

Nickel Salts (Single)

See Nickel Sulphate

10126c— *Nickel Silver (Patent Leveled)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

10127— Nickel Sulphate

Drakenfeld B. F. & Co. (Selling Agents), 50 Murray, New York

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

United States Metals Refining Co., 120 B'way, New York

10128—Nickeloid, Copperoid, Brassoid & Steeloid

American Nickeloid Co. (Nickelized Sheet Steel, Zinc, Copper, Brass, etc), Peru, Ill.

10129—Nicolene, Copperene, Brassene, Nickeltin, Brasstin & Coppertin

National Sheet Metal Co. (Nickelized Sheet Zinc, Tin Plate, Steel, Copper, Brass, etc), Peru, Ill.

10129a—Nicolene (Nickel Plated Zinc Sheets)

National Sheet Metal Co., Peru, Ill.

10130—Nicotine Solutions & Tobacco Extracts

Kentucky Tobacco Product Co., Louisville, Ky.

10131— Nigrosine

American Synthetic Color Co., Stamford, Conn.
Farbwerke, Hoechst Co., 122 Hudson, New York
Heller & Merz Co., 505 Hudson, New York
Jamaica Dyewood & Chemical Co., 50 Church, New York
Marden Orth & Hastings Co., 61 B'way, New York
National Aniline & Chemical Co., 21 Burling slip, New York
Seydel Mfg. Co., 88 Forest, Jersey City, N. J.

10132— Nippers (Bicycle)

STARRETT L. S. CO. (THE) (Adjustable Jaw), Athol, Mass.
See adv index at end of book
Utica Drop Forge & Tool Co., Utica, N. Y.

10133—Nippers (Blacksmiths')

Buffum Tool Co. ("Swastika" Hoof Paring, Nail Cutting etc), South Side, Louisiana, Mo.
Heller Bros. Co., 879 Mt. Prospect av, Newark, N. J.

NICKEL

RODS CASTINGS WIRE

WILLIAMS & CO., Inc.

220-226 PENN AVENUE PITTSBURGH, PA.

Smith H. D. & Co. ("W. D. W.", Drop Forged), Plantsville, Conn.
Starr-Nettleton Mfg. Co, East Hampton, Conn
Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.
Washington Tool Co. ("Larsons"), Owatonna, Minn.

10134—Nippers (Champagne)

Osborne C. S. & Co., Harrison, N. J.

10135—Nippers (End Cutting)

See also Pliers

Bridgeport Hardware Mfg. Corp. ("Hercules"), Bridgeport, Conn.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Champion Tool Co. ("Champion"), Meadville, Pa.
Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y.
Hotchkiss T. D. Co. ("Todd"), Deep River, Conn.
Irvington Mfg. Co., Irvington, N. J.
Jones Eli & Sons ("Jones" Hoof), Luverne, Minn
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Osborne C. S. & Co., Harrison, N. J.
Peck, Stow & Wilcox Co., Southington, Conn.
Scholhorn Wm. Co. ("Bernard"), New Haven, Conn.
Smith Otis A. (End Cutting), Rockfall, Conn.
SMITH & HEMENWAY CO., INC. ("Red Devil"), 261 B'way, New York; 130 Coit, Irvington, N. J.
See adv index at end of book
Starr-Nettleton Mfg. Co. ("Nettleton" Reversible), East Hampton, Conn.
STARRETT L. S. CO. (THE) (Adjustable Jaw), Athol, Mass.
See adv index at end of book
Utica Drop Forge & Tool Co. ("Bull Dog," "Utica"), Utica, N. Y.
Williams A. C. Co., Ravenna, O.

10136-7— Nippers (Fruit)

Kraeuter & Co., 583 18th av, Newark, N. J.

Nippers (Hoof)

See Parers, Hoof

10138—Nippers (Tinners', Etc.)

See also Nippers, End Cutting

Hotchkiss T. D. Co. ("Todd's"), Deep River, Conn.
Merchant & Evans Co., 2035 Washington av, Philadelphia, Pa.
See adv index at end of book
Osborne C. S. & Co., Harrison, N. J.
Smith Otis A., Rockfall, Conn.
SMITH & HEMENWAY CO., INC., 261 B'way, New York; 130 Coit, Irvington, N. J. *See adv index at end of book*
Starr-Nettleton Mfg. Co., East Hampton. Conn.
Wusterbarth Bros., Meriden, Conn.

10139— Nippers (Trout)

Marble Arms & Mfg. Co. ("Marble's"), Gladstone, Mich.

Nippers (Wire)

See Pliers & Nippers

10140—Nipple Threaders (Ceiling)

ARMSTRONG MFG. CO., 278 Knowlton, Bridgeport, Conn.
See adv index at end of book

10141— Nipples (Gun)

Hartley M. Co., 233 B'way, New York
Schoverling, Daly & Gales (Dealer), 302 B'way, New York

10142-3— Nipples (Hose)

Allen Fire Dept. Supply Co., 159 Aborn Providence, R. I.
American Brass & Copper Co., 138 Lafayette, New York
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
American Safety Lamp & Mine Supply Co., Scranton, Pa.
Aterite M. H. Co., Inc. (Acid), 55 John, New York
Boston Woven Hose & Rubber Co., Cambridge, Mass.
Callahan Cornelius Co., 127 Purchase, Boston, Mass.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Dayton Malleable Iron Co. (Air Brake,
Detroit Brass Works, Detroit, Mich.
Elkhart Brass Mfg. Co., Elkhart, Ind.
Exeter Brass Works, Exeter, N. H.
Haydenville Co., Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
Hayward S. F. & Co., 250 W 54th, New York
Howell F. R. Brass Works, 122 N Franklin, Phila., Pa.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
Jiffy Fire Hose Rack Co., 727 7th av, New York
Josts' Edmunds Sons, 48 Dickerson, Newark, N. J.
Knox Mfg. Co. (Pneumatic Hose), 821 Cherry, Philadelphia, Pa.
Lucey Manufacturing Corp., 233 B'way, New York
McDonald A. Y. Mfg. Co., Dubuque, Ia.
McNab & Harlin Mfg. Co., 55 John, New York
McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.
See adv index at end of book
McShane Bell Foundry Co., Harford av & B. & O. R. R., Baltimore, Md.
Morse A. J. & Son, Inc., 221 High, Boston, Mass.
Powell Wm. Co. (Brass), Cincinnati, O.
Queen City Brass & Iron Works, Cincinnati, O.
Roberts Brass Mfg. Co., Detroit, Mich.
Sherman H. B. Mfg. Co., Battle Creek, Mich.
Standard Brass & Iron Works (for Brewers, etc), 1820 St. Paul av, Milwaukee, Wis.
Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.
Walworth Mfg. Co., Boston, Mass.
Wolverine Brass Works, Grand Rapids, Mich.

10144— Nipples (Pipe)

Acheson Mfg. Co. (Brass), Rankin, Pa.
A. J. Nipple & Pipe Cutting Co. (Wrought Iron), 203 Lafayette, New York
Buffalo Nipple & Machine Co., Inc., 335 Glenwood av, Buffalo, N. Y.
Byers A. M. Co. (Genuine Wrought Iron), 235 Water, Pittsburgh, Pa.
See adv on front cover
Campbell Lewis, Boyerstown, Pa.
Chicago Nipple Mfg. Co. (Wrought Iron), 908 W Lake, Chicago, Ill.
Clark Co., West Newton, Pa.
Crane Co., Bridgeport, Conn.
CRESSMAN N. C. CO., (Brass, Steel & Iron), Drexel bldg., Phil., Pa.
Fretz S. S. Jr., 23rd & Sedgley av, Philadelphia, Pa.
General Fire Extinguisher Co., Providence, R. I.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
Iroquois Nipple Works (Iron), 306 Genessee, Buffalo, N. Y.
Jarecki Mfg. Co. (Brass & Iron), Erie, Pa.
Kelly & Jones Co. (Wrought Iron, Brass, etc), 135 Water, Pittsburgh, Pa.
Larkins J. K. & Co., 34 Reade, New York
See adv index at end of book
Liberty Iron Pipe & Nipple Works, 138 Center, New York
Limbert Geo. B. & Co. (Malleable Iron, etc), 558 Fulton, Chicago, Ill.
LUNKENHEIMER CO. (Brass), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McNab & Harlin Mfg. Co., 55 John, New York
Morse A. J. & Son, Inc., 221 High, Boston, Mass.
Newark Tube & Metal Works (Small Sizes), 560 Ferry, Newark, N. J.
Pfaff & Kendall (Wrought Iron), Ferry & Foundry, Newark, N. J.
Pittsburgh Nipple & Mfg. Co., 1st & Carson, Pittsburgh, Pa.
Powell Wm. Co. (Brass), Cincinnati, O.
Rex-Harris Fire Appliance Co. (Brass), 39 E 19th, New York
Richardson Edro Brass Co. (Brass), 318 N Holliday, Baltimore, Md.
Wilder Sidney & Co. (Brass), Holliston, Mass.

10145— Nipples (Radiator)

Flagg Stanley G. & Co., Morris bldg, Phila., Pa.
Haydenville Co., Haydenville, Mass.
Morse A. J. & Son, Inc., 221 High, Boston, Mass.
National Malleable Castings Co., 7706 Platt, S E, Cleveland, O.
National Radiator Co. (Non-Corrosive Malleable Iron Push), Trenton, N. J.
Pratt Chuck Co., Frankfort, N. Y.

10146— Nipples (Reducing)

Haydenville Co., Haydenville, Mass.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
McRae & Roberts Co., 227 Campbell av, Detroit, Mich.
See adv index at end of book
Simmons Pipe Bending Works, 40 Mechanic, Newark, N. J.
Wolverine Brass Works, Grand Rapids, Mich.

Nipples (Soldering)

See Unions & Nipples, Soldering

10147—Nipples (Zinc Coated, Steel Slip)

Pratt Chuck Co., Frankfort, N. Y.

10148-52— Nitrate

Aluminum Ware Mfg. Co., Inc., Elmira, N. Y.
Butterworth-Judson Co. (Ammonia, Iron, etc), Passaic River, Newark, N. J
Grace Wm. R. & Co., 7 Hanover sq, New York
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Merrimac Chemical Co. (Iron & Copper), 148 State, Boston, Mass.
Seldner & Enequist (Iron), 86 Hausman, Brooklyn, N. Y.
Tennant C Sons & Co. of New York (Imp.) (Ammonia & Lead, etc), 100 William, New York
Wiarda John C. & Co. (Potash, Silver, Soda, etc, Jobbers), 273 Greene, Brooklyn, N. Y.

Nitrate of Aluminum

See Aluminum Nitrate

Nitrate of Copper

See Copper Nitrate

Nitrate of Iron

See Iron Nitrate

Nitrate of Lead

See Lead Nitrate

Nitrate of Nickel

See Nickel Nitrate

10153-4—Nitrate of Potassium (Saltpetre)

See also Saltpetre

Alexander G. S. & Co., Inc. (Brokers), 61 B'way, New York
See adv index at end of book
Harshaw, Fuller & Goodwin Co., Cleveland New York & Philadelphia

Nitrate of Silver

See Silver Nitrate

10155— Nitrate of Soda

Alexander G. S. & Co., Inc. (Brokers), 61 B'way, New York
See adv index at end of book
American Agricultural Chemical Co. (Imp.), 2 Rector, New York
Armour Fertilizer Works, U. S. Yards, Chicago, Ill.
Ashcraft-Wilkinson Co., Atlanta, Ga.
Baker H. J. & Bro. (Imp.), 81 Fulton, New York
Buffalo Fertilizer Works, Marine Bk. bldg, Buffalo, N. Y.
C. P. N. CHEMICAL CO., INC., 78 Reade, New York; 231 West Huron, Chicago, Ill.
Ducas B. P. Co. (Imp.), 25 S William, New York
Grace Wm. R. & Co. (Imp.), 7 Hanover sq. New York
Grasselli Chemical Co. (Exporters & Importers), Guardian bldg, Cleveland, O.
Harrison Works (Du Pont) (of Lead & Soda), 35th & Grays Ferry rd, Philadelphia, Pa.
Heller, Jos. S. (Brokers), 62 William, New York
Hercules Powder Co., Wilmington, Del.
See adv index at end of book
Knowles-Bradley Co., 74 Wall, New York
Lang J. M. & Co. (Brokers), Savannah, Ga.
Miller Jos. B., Finance bldg, Phila., Pa.
New Orleans Acid & Fertilizer Co., Gretna, La.
Nitrate Agencies Co. (Imp), 102 Pearl, New York
Raritan Chemical Works, 8 W 40th, New York
Royster F. S. Guano Co., Norfolk, Va.
Standard Guano & Chemical Mfg. Co., New Orleans, La.
Swift & Co., Union Stock Yards, Chicago, Ill.
Tennant C. Sons & Co. of N. Y. (Imported), 100 William, New York
Tupelo Fertilizer Factory (Imported), Tupelo, Miss.
Walter Edw. J. Co. (Brokers), American bldg, Baltimore, Md.
Wessel, Duval & Co. (Direct Importers), 25 Broad, New York

10156—*Nitrate of Soda (Crude & Refined)

C. P. N. CHEMICAL CO., INC., 78 Reade, New York; 231 West Huron, Chicago, Ill.

Nitrate of Sodium

See Sodium Nitrate, also Nitrate of Soda

Nitrate of Strontium

See Strontium Nitrate

10157— *Nitrators (Aniline)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

10158—Nitrators (Nitro-Glycerine)

Luther Mfg. Co., Olean, N. Y.

10158a—*Nitrators (Picric Acid)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

10159— Nitre

Drakenfield B. F. & Co. (Dealers), 50 Murray, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

10160— Nitre Cake

American Metal Co., 61 B'way, New York
Contact Process Co., Buffalo, N. Y.
DU PONT (E. I.) DE NEMOURS & CO. (Special By-Product Division), (Lump & Ground, Sodium Acid Sulphate, a fused salt readily soluble in hot water), Wilmington, Del.
Fuller Ralph L. & Co., Inc., 2 Rector, New York. *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
HERCULES POWDER CO., Wilmington, Del. *See adv index at end of book*
Riverside Acid Works, Warren, Pa.

10160a—*Nitric Acid Apparatus

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

10161— Nitrobenzol

Calco Chemical Co., Bound Brook, N. J.
Chemical Co. of America (Mfrs.), 320 B'way, New York
Du Pont Chemical Works, 120 B'way, New York
Klipstein A. & Co. (Imported), 644 Greenwich, New York
Montcalm Chemical Wks., Indianapolis, Ind.
Seydel Mfg. Co., 88 Forrest, Jersey City, N. J.

10162— Nitrocellulose

Celluloid Zapon Co., Inc., 200 5th av, New York
Du Pont Chemical Works, 120 B'way, New York
Hercules Powder Co., Wilmington, Del.
See adv index at end of book
Maas & Waldstein Co., 92 William, New York
Wright Chemical Co., 38 Park Row, New York

10163— Nitroglycerin

Hercules Powder Co., Wilmington, Del.
See adv index at end of book

10164— Noils (Ramie)

Wolf W. & Sons (India & China Cotton Silk), 549 Atlantic av, Boston, Mass.

10165— Notches (Cinder)

Keystone Bronze Co., Pittsburgh, Pa.

Novelties (Aluminum)

See Firms in Metal Novelties & Specialties with the Word Aluminum Following their Name

10166—Novelties (Silver & Silver Plated)

*Indicates Plated Ware

Averbeck M. J., 10 Maiden la, New York
Baker-Manchester Mfg. Co., 100 Stewart, Providence, R. I.
Barrows H. F. & Co., North Attleboro, Mass.
*Bass E. & J. (Toilet), 610 B'way, New York
Bassett Jewelry Co., 101 Sabin, Providence, R. I.
Battin & Co., 3d av, Newark, N. J.
Bechard Mfg. Co., 706 Townsend, Chicago, Ill.
Bens Wm. Co., 7 Beverly, Providence, R. I.
Blackinton R. & Co., North Attleboro, Mass.
*Bliss E. A. Co., Meriden, Conn.
*Carr M. W. & Co., Somerville, Mass.
Carter, Gough & Co., 9 Maiden la, New York
Codding & Heilborn Co., North Attleboro, Mass.
Deitsch Bros., 14 E 17th, New York
*Deitsch I. N. (Photo Frames), 1239 Madison av, New York
Dominick & Haff, 545 W 23d, New York
*Eastwood-Park Co. (Toilet Specialties), 102 Murray, Newark, N. J.
Feeley W. J. Co., 169 S Angell, Providence, R. I.
Fessenden & Co., 100 Friendship, Providence, R. I.
Finck & Oldroyd, Elizabeth, N. J.
*Fishel-Nessler Co., 184 5th av, New York
Ford-Perry Co., 70 Ship, Providence, R. I.
Foster Theo. W. & Bro. Co., 100 Richmond, Providence, R. I.
Fradley J. F. & Co., 312 E 23d, New York
Hamilton & Hamilton Jr., Providence, R. I.
Harper W. E. Co., New Britain, Conn.
Hoffman F. S. & Co., 223 E 23d, New York
*†International Silver Co., Meriden, Conn.
*Jennings Silver Co. (Toilet), Irvington, N. J.
*Jones A. H. Co., Meriden, Conn.
Kirk Samuel & Son Co., 108 E. Baltimore, Baltimore, Md.
*Kronheimer & Oldenbusch Co., (Photo Frames), 362 5th av, New York
La Pierre Mfg. Co., Newark, N. J.
Lederer S. & B. Co., 100 Stewart, Providence, R. I.
*Meriden Silver Plate Co. (Branch of International Silver Co), Meriden, Conn.
Merrill Bros. Co., 22 Greene, Newark, N. J.
Nussbaum & Hunold, 14 Blount, Providence, R. I.
Ortner Jno, E. & Co. (Bag Frames), 481 Washington, Newark, N. J.
Oskamp Nolting Co., 30 W 7th, Cincinnati, Ohio
Park City Silverware Co., Bridgeport, Conn.
Paye & Baker Mfg. Co., North Attleboro, Mass.
Riley & French, North Attleboro, Mass.
Royal Mfg. Miller-Hoefer Co., 89 Jefferson av, Detroit, Mich.
SCHIMPER WM. & CO., 322-338 Ferry, Hoboken, N. J.; & Union Square, W, New York
Schmitz, Moore & Co., 401 Mulberry, Newark, N. J.
Shabeck John C. L., 245 W Exchange, Providence, R. I.
Stern Louis & Co. (Bags), Metcalf bldg, Providence, R. I.
Strobell & Crane, 33 E Kinney, Newark, N. J.
Unger Bros., 416 Halsey, Newark, N. J.
Vanderbilt Clarence A., 344 W 38th, New York
Wallace R. & Sons Mfg. Co., Wallingford, Conn.
*Wallingford Co., Wallingford, Conn.
Watson Co., Attleboro, Mass.
Webster Co., North Attleboro, Mass.
*Weidlich Bros. Mfg. Co., Bridgeport, Conn.
Wendell & Co., 337 W Madison, Chicago, Ill.
Whiting F. M. & Co., North Attleboro, Mass.
Whiting & Davis Co., Plainville, Mass.
Woodside Sterling Co., 170 B'way, New York

10166a— *Novelties (Wooden)

See also Advertising Novelties & Specialties

Aluminum Ware Mfg. Co., Inc., Elmira, N. Y.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

10166b—Novelty Manufacturers' Materials

Du Pont Fabrikoid Co. (Leather Type), Wilmington, Del.

10167— *Nozzles (Air)

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book

10168—Nozzles (Air Washing & Humidifying)

Spray Engineering Co. ("Spraco"), 93 Federal, Boston, Mass.

10169—Nozzles (Asphalt Spraying)

Morse A. J. & Son, Inc., 221 High, Boston, Mass.
Spray Engineering Co. ("Spraco"), 93 Federal, Boston, Mass.

Nozzles (Black Lead)

See Nozzles, Plumbago

10170— Nozzles (Blast)

Schutte & Koerting Co. (For Chimneys, Steam Jet), 1251 N 12th, Phila., Pa.

10171— Nozzles (Chemical)

Callahan Cornelius Co. ("Jackson"), 127 Purchase, Boston, Mass.
Morse A. J. & Son, Inc., 221 High, Boston, Mass.
Rex-Harris Fire Appliance Co., 39 E 19th, New York
Sieben Chemical Spraying Nozzle Co. ("Fire King"), Kansas City, Mo.

10172 —Nozzles (Fire Boat & Hose Wagon)

Loeffelholz Co., Milwaukee, Wis.
Morse A. J. & Son, Inc., 221 High, Boston, Mass.
Wheaton A. W. Brass Works ("Newark"), 21 R. R. pl, Newark, N. J.

10173—Nozzles (Flanged Boiler, Forged Steel)

AMERICAN SPIRAL PIPE WORKS, Chicago, Ill. *See adv index at end of book*
Kellogg M. W. Co., 90 West, New York
See adv index at end of book
Ryerson Jos. T. & Son ("Horsley"), 2558 W 16th, Chicago, Ill.
See adv index at end of book

10174— Nozzles (Hose)

American Brass & Copper Co., 138 Lafayette, New York
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
American Safety Lamp & Mine Supply Co., Scranton, Pa.
Anderson Coupling & Fire Supply Co. (Combination), Kansas City, Kans.
Anderson G. A. Mfg. Co. ("Anderson"), Bush & Russell, Baltimore, Md.
Aterite M. H. Co., Inc. (Acid), 55 John, New York
Boston Coupling Co. ("Haley"), 156 Pearl, Boston, Mass.
Boston Woven Hose & Rubber Co. ("Boston," "Eclipse," "Stanley Jr.," "Fairy," "Daisy," "Deluge," "Hot House"), Cambridge, Mass.
Buckeye Iron & Brass Works (Hose Pipe), Dayton, O.
Callahan Cornelius Co. ("Callahan" Shut-Off, Fire Hose, etc), 127 Purchase, Boston, Mass.
Central Brass Stamping Co. ("Central," "Little Monitor," "Universal"), Peoria, Ill.
Clark W. J. Co., Salem, O.
Clay Jno. H., 1320 Ridge av, Phila., Pa.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Crane Co. ("Gem"), Bridgeport, Conn.
Eastman Samuel Co., East Concord, N. H.
Elkhart Brass Mfg. Co. ("Firearms Pet," "Elk," Shut-Off), Elkhart, Ind.
Fabric Fire Hose Co., 127 Duane, New York
Fries & Co., 91 Main, Buffalo, N. Y.
Hardware Supply Co., Grand Rapids, Mich.
Haydenville Co., Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
Hayward S. F. & Co., 250 W 54th, New York
Howell F. R. Brass Works, 122 N Franklin, Phila., Pa.
Kelly & Jones Co. ("S. S. S."), 135 Water, Pittsburgh, Pa.
Knox Mfg. Co. (Malleable Iron), 821 Cherry, Phila., Pa.
Landers, Frary & Clark ("Fairy" & "Climax"), New Britain, Conn.
Larkin Mfg. Co. (Shut-Off), Dayton, O.
McRae & Roberts Co., 227 Campbell av, Detroit, Mich.
See adv index at end of book
Morse Andrew J. & Son (Inc.), ("Mose," "Monitor"), 221 High, Boston, Mass.
Myers F. E. & Bro., 800 Orange, Ashland, O. ***See adv index at end of book***
Neumeyer H. F. & Sons ("New"), Macungle, Pa.
Peck Bros. & Co., New Haven, Conn.
Sherman H. B. Mfg. Co. ("Diamond"), Battle Creek, Mich.
Sieben Chemical Spraying Nozzle Co. ("Fire King," with Chemical Cartridge in Nozzle for Fire Disinfecting, etc), Kansas City, Mo.
Simmons John Co. ("C. L. E."), 110 Centre, New York
Standard Brass & Iron Works (Heavy for Brewers, etc), 1820 St. Paul av, Milwaukee, Wis.
Universal Nozzle Co., Indianapolis, Ind.
Wheaton A. W. Brass Works ("Newark" Turret Fire Hose), 157 N. J. R. R. av., Newark, N. J.
Wolverine Brass Works, Grand Rapids, Mich.

10175—Nozzles (Hydraulic Mining)

AMERICAN SPIRAL PIPE WORKS, Chicago, Ill. *See adv index at end of book*

10176— Nozzles (Irrigating)

Morse A. J. & Son, Inc., 221 High, Boston, Mass.
Spray Engineering Co. ("Spraco"), 93 **Federal, Boston, Mass.**

10177—Nozzles (Oil Burner)

LUNKENHEIMER CO. Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Morse A. J. & Son, Inc., 221 High, Boston, Mass.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

10178—Nozzles (Plumbago)

McCullough-Dalzell Crucible Co. (For Bessemer & Open Hearth Furnaces), 36th & A. V. R. R., Pittsburgh, Pa.
Seidel B. (Inc.) (For All Purposes), 1322 Callowhill, Phila., Pa.
Stevens Frederick B., 3d & Larned, Detroit, Mich.

10179—*Nozzles (Sand Blast)

LUNKENHEIMER CO. Executive Offices & Factoriees: Beekman & Waverly, Cincinnati, O.
See adv index at end of book

10180— Nozzles (Spray)

Allen W. D. Mfg. Co., 566 W Lake, Chicago, Ill.
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Ansonia Mfg. Co., 15 Park row, New York
Bean Spray Pump Co., San Jose, Cal.
Brown E. C. Co. ("Non-clog"), Rochester, N. Y.
Buffalo Forge Co. ("Buffalo"), Buffalo, N. Y.
Cooling Tower Co., 15 John, New York
DEMING CO. ("Acme," "Bordeaux," "Demarest," "Simplex," "Giant Simplex," "Spramist," "Vormorel"), Salem, O. *See adv index at end of book*
Elkhart Brass Mfg. Co. ("Elkhart"), Elkhart, Ind.
Field Force Pump Co. ("Tiger"), Elmira, N. Y.
Friend Mfg. Co., Gasport, N. Y.
Fries & Co., 91 Main, Buffalo, N. Y.
Goulds Mfg. Co ("One-Ounce Mistry"), 71 W Fall, Seneca Falls, N. Y.
See adv index at end of book
Loeffelholz Co. ("Foley," Solid Stream, Shut Off & Spray), Milwaukee, Wis.
Morse A. J. & Son, Inc., 221 High, Boston, Mass.
MYERS F. E. & BRO. (Fembro, New Way, Bordeaux, Vermorel, Imperial, Myers), 800 Orange, Ashland, O.
Niagara Sprayer Co. ("Scientific," for **Spraying Trees, etc), Middleport, N. Y.**
Sandusky Fdry. & Machine Co., Sandusky O.
Schutte & Koerting Co. (Atomizing "Koerting" for Mines, Chemicals, etc), 12th & Thompson, Phila., Pa.
Sherman H. B. Mfg. Co., Battle Creek, Mich.
Spray Engineering Co. ("Spraco") for Cooling Condensing Waters), 93 Federal, Boston, Mass.
Star Brass Works, 3114 Carroll av, Chicago, Ill.
Uehling Instrument Co. ("Simplex"), 71 B'way, New York

10181—Nozzles (Sprinkler, for Sewage)

Merritt Hydraulics Co. ("Merritt" & "Weand"), 110 N Broad, Phila, Pa.
Priestman Albert ("Merritt"), 328 Chestnut, Phila., Pa.

10182 —Nozzles (Standpipe)

Loeffelholz Co. (Combination & Judge Distributing), Milwaukee, Wis.
Morse A. J. & Son, Inc., 221 High, Boston, Mass.

Numbers & Letters (Decalcomania)

See Ornaments, Transfer

10183—Numbers & Letters (Metal)

See also Name Plates

Allen, Doane & Co., 29 Cornhill, Boston, Mass.
Aluminum Goods Mfg. Co. (Aluminum House), Manitowoc, Wis.
American Railway Supply Co., 134 Charles, New York
Arcade Mfg. Co. (House Numbers Only, no Letters, Brass & Aluminum), Freeport, Ill.
Benfield & Milne Mfg. Co., 374 Woodside av, Newark, N. J.
Blasier-Sanborn Mfg. Co., Utica, N. Y.
Borreson Mfg. Co. (Auto & House), St. Paul, Minn.
Brass Goods Mfg. Co., 533 Union, Brooklyn, N. Y.
Brim A. W. (White & Brass), Seneca Falls, N. Y.
Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
Crouse-Hinde Co., Syracuse, N. Y.
Dongan Elec. Mfg. Co., Detroit, Mich.
EDWARDS MFG. CO., 545 Eggleston av, Cincinnati, O.
Enamel Products Co. (House Numbers), Eddy rd & Taft av, Cleveland, O.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Highton Wm. & Sons Co., Nashua, N. H.
Hoggson & Pettis Mfg. Co., New Haven, Conn.
Ingram-Richardson Mfg. Co. (Porcelain Enameled Iron Automobile Numbers, also house & miscellaneous numbers), Beaver Falls, Pa.
Kienzle Wm. F., 4855 N Paulina, Chicago, Ill.
Knight H. W. & Son (House, etc), Seneca Falls, N. Y.
Matthews Jas. H. & Co., 3942 Forbes, Pittsburgh, Pa.
Mayer Geo. J. & Co., 36 S Meridian, Indianapolis, Ind.
Miller J. Walter Co. (House), Lancaster, Pa.
Moise Klinkner Co., 369 Market, San Francisco, Cal.
Mulhaupt F. Jos., Lafayette, Ind.
Newman Mfg. Co. (Brass & Bronze), 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill.
See adv index at end of book
Niagara Falls Metal Stamping Works (Copper Milk Can, Automobile, House, etc), Niagara Falls, N. Y.
Nicol & Co. (House Numbers Only), 218 N. Jefferson, Chicago, Ill.
Norwalk Lock Co., South Norwalk, Conn.
Payson Mfg. Co. (House Numbers), 2918 W Jackson blvd, Chicago, Ill.
Penn Hardware Co., Reading, Pa.
Pioneer Corp. (House Numbers), 1249 W 65th, Chicago, Ill.
Providence Brass & Aluminum Foundry (House Numbers), 460 Eddy, Providence, R. I.
Reading Hardware Co., Reading, Pa.
Rex-Harris Fire Appliance Co. (Aluminum Numbers), 39 E 19th, New York
Reynold-Zahn Co., 46 Mechanic, Newark, N. J.
Riley-Klotz Mfg. Co., 17 Mulberry, Newark, N. J.
Robbins Jno. Mfg. Co., 58 Kneeland, Boston, Mass.
Russell & Erwin Mfg. Co. (Steel), New Britain, Conn.
Sackman Mfg. Co. (Steel), Akron, O.
Shanafelt Mfg. Co. (Pattern, White Metal), Canton, O.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn, Chicago, Ill.
See adv index at end of book
Smith R. H. Mfg. Co., Springfield, Mass.
Spokane Stamp Works, Spokane, Wash.
Steere Geo. (House, Sign, etc), 432 S Dearborn, Chicago, Ill.
Stover Mfg. Co., Freeport, Ill.
Taylor & Boggis Foundry Co. (House), Cleveland, O.
Turner & Seymour Mfg. Co. (House Numbers Only), Torrington, Conn.

NUMBERS & LETTERS (METAL)—continued

Western Brass Mfg. Works (Cast Brass & Bronze), Marshall blvd & W 21st, Chicago, Ill.
Whitlock Mfg. Co., 1506 W 112th, Cleveland, O.
Wilcox, Crittenden & Co. (Brass), Middletown, Conn.
Ziegler Bros. Co., Elgin, Ill.

10184—Nut Crackers & Picks

Arcade Mfg. Co. ("Arcade," "Standard" & "Universal," Crackers Only), Freeport, Ill.
Browne & Dowd Mfg. Co. (Crackers only), Meriden, Conn.
Cassady, Fairbank Mfg. Co. ("May Eureka," "Winchester," "Invincible Victor" & "Pride Standard"), 6126 S La Salle, Chicago, Ill.
Gray Iron Foundry Co. ("20th Century" Nut Crackers), Reading, Pa.
Grey Iron Casting Co. (Crackers Only), Mt. Joy, Pa.
Jennings Bros. Mfg. Co., Bridgeport, Conn.
Landers, Frary & Clark, New Britain, Conn.
Lowentraut P. Mfg. Co. (Crackers Only), 36 Brenner, Newark, N. J.
Meriden Cutlery Co. ("Anvil"), Meriden, Conn.
Nicol & Co. ("N. & Co." Crackers Only), 218 N Jefferson, Chicago, Ill.
Osborne C. S. & Co. (Nut Crackers Only), Harrison, N. J.
Peck, Stow & Wilcox Co., 428 E 48th, New York
Quackenbush H. M., Herkimer, N. Y.
Rollman Mfg. Co. (Ltd.) ("Rollman" Crackers), Mt. Joy, Pa.
Sargent & Co. (Crackers Only), New Haven, Conn.
Schroeter Bros. Hardware Co. (Home Nut Crackers), 719 Washington, St. Louis, Mo.
Stearns E. C. & Co. (Serrated Jaw), 450 Oneida, Syracuse, N. Y.
Tri-angle Mfg. Co. ("New Century"), Freeport, Ill.
Turner & Seymour Mfg. Co., Torrington, Conn.
Williams A. C. Co. (Crackers Only), Ravenna, O.
Woldert Grocery Co. ("Squirrel" Crackers), Tyler, Tex.
Wrightsville Hardware Co. ("Brighton" Crackers), Wrightsville, Pa.

Nut-Locks

See Lock-Nuts & Washers

Nut Machinery

See Machinery, for Various Kinds of Nut Machinery

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Washington Office: 625 F Street, Washington, D. C.

10185— Nut Mfrs.

Under this Head see Sub-classifications following

See also Bolt, Nut & Rivet Manufacturers

Aetna Nut Co., Southington, Conn.
American Car & Foundry Co. (Square & Hexagon), Syndicate Trust bldg, St. Louis, Mo.
American Equipment Co., Norristown, Pa.
American Screw Co. (Small), 21 Stevens, Providence, R. I.
Anchor Bolt & Nut Co., Poughkeepsie, N. Y.
Ballard Drop Forge Co. ("Ballard"), Seattle, Wash.
Bayonne Bolt & Nut Co., Bayonne, N. J.
Berry Bros., Columbus, O.
Bethlehem Steel Co., So. Bethlehem, Pa.
Bourne & Knowles Mfg. Co., Cleveland, O.
Brightman Nut & Mfg. Co., Sandusky, O.
Cambria Steel Co., Widener bldg, Phila., Pa.
Champion Mfg. Co., 7332 Kimbark av, Chicago, Ill.
Chicago Nut Co., 5213 W 20th, Chicago, Ill.
Chicago Screw Co., 13 N Jefferson, Chicago Ill.
Clark Bros. Bolt Co., Milldale, Conn.
See adv index at end of book
Cold-Jess Mfg. Co., Cleveland, O.
Columbus Bolt Works Co., Columbus, O.
Continental Bolt & Iron Works, 2225 W 43d, Chicago, Ill.
Curtis Screw Wks., Buffalo, N. Y.
Delaware Marine Mfg. Co., B. & O. R. R. & Conrd., Wilmington, Del.
Detroit Nut Co. (Steel, Brass & Bronze), Hubbard av & M. C. R. R., Detroit, Mich.
Dyson Jos. & Sons (Square & Hexagon), Cleveland, O.
Eastern Bolt & Nut Co., E Providence, Providence, R. I.
Eberhard Mfg. Co., Cleveland, O.
Foster Bolt & Nut Mfg. Co., Union av & E 72d, Cleveland, O.
Garland Nut & Rivet Co., Lawrence county, W. Pittsburgh, Pa.
Gary Screw & Bolt Co., Gary, Ind.
Graham Nut Co., 1317 W Carson, Pittsburgh, Pa.
Greenlie Wyatt & Co., 499 Water, New York
Harper F. C. Screw Works, 19 E 8th, Chicago, Ill.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hill-Smith Metal Goods Co., 88 Pearl, Boston, Mass.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Judson Mfg. Co., 819 Folsom, San Francisco, Cal.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Kirk-Latty Mfg. Co., W 85th (bet. Detroit & Madison av), Cleveland, O.
Lake Eire Iron Co., ft of E 63d, Cleveland, Ohio
Lamson & Sessions Co., 2188 Scranton R. S. W, Cleveland, O.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Meyer & Co. (Iron), Throopsville, N. Y.
Michigan Bolt & Nut Works, Detroit, Mich.
Milton Mfg. Co., Milton, Pa.
Moore Franklin Co., Winsted, Conn.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.
National Bolt & Nut Co., Pittsburgh, Pa.
National Screw & Tack Co., Cleveland, O.
Neely Nut & Bolt Co., Pittsburgh, Pa.
Ohio Nut & Bolt Co., Berea, O.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Philadelphia Machine Screw Works, 624 Race, Phila., Pa.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Reed & Prince Mfg. Co., Worcester, Mass.
Rhode Island Tool Co., Providence, R. I.
Rochester Machine Screw Co., Rochester, N. Y.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Sandusky Nut Co., Sandusky, O.
Spafford Machine Screw Works (Milled), 516 Asylum, Hartford, Conn.
St. Louis Screw Co., Clarence & Bulwer av, St. Louis, Mo.
Steel Car Forge Co., Pittsburgh, Pa.
Upson Nut Co., Cleveland, O.
Western Automatic Machine Screw Co., Elyria, O.
Youngstown Mfg. Co., Youngstown, O.

Nut Picks

See Nut Crackers & Picks

10186— Nutgalls

Bredt F. & Co., 240 Water, New York
Innis, Speiden & Co., Inc. (Imp.), 46 Cliff, New York. *See adv index at end of book*
Norden A. & Co. (Imp.), 60 Beaver, New York
Thurston & Braidich (Imp.), 27 Cliff, New York

10187— Nuts (A. L. A. M.)

Harper F. C. Screw Wks., 19 E 8th, Chicago, Ill.
St. Louis Screw Co., Clarence & Bulwer av, St. Louis, Mo.

10188—Nuts (Acorn Carriage)

Bossert Corp. (Differential Adjusting), Utica, N. Y. *See adv index at end of book*
Dent Hardware Co., Fullerton, Pa.

10188a—*Nuts (Automobile)

Clark Bros. Bolt Co., Milldale, Conn.
See adv index at end of book
Harper F. C. Screw Wks., 19 E 8th, Chicago, Ill.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book

10189— Nuts (Bicycle)

Chicago Screw Co., 13 N Jefferson, Chicago, Ill.
Clark Bros. Bolt Co., Milldale, Conn.
See adv index at end of book
Curtis Screw Works, Buffalo, N. Y.
DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book
National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.
Perry-Fay Mfg. Co., Elyria, O.
Philadelphia Machine Screw Works, 624 Race, Phila., Pa.
Russell, Burdsall & Ward Bolt & Nut Co., Portchester, N. Y.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Upson Nut Co., Cleveland, O.
Western Automatic Machine Screw Co., Elyria, O.

10190— Nuts (Brass Cap)

Chicago Nut Co., 2513 W 20th, Chicago, Ill.
Corbin Screw Corporation (Acorn Cap or Blank Brass, Bronze, Iron or Steel), New Britain, Conn.
Curtis Screw Wks., Buffalo, N. Y.
DETROIT SCREW WORKS (Brass & Steel Acorn Cap), 348 Franklin, Detroit, Mich. *See adv index at end of book*
National-Acme Mfg. Co., 7500 Stanton av S E, Cleveland, O.
Reed & Prince Mfg. Co., Worcester, Mass.
St. Louis Screw Co., Clarence & Bulwer av, St. Louis, Mo.
Standard Screw Co., 81 E Madison, Chicago, Ill.
Star Expansion Bolt Co. ("Star"), 147 Cedar, New York
Steward & Romaine Mfg. Co., 124 N 6th, Phila., Pa.
Western Automatic Machine Screw Co., Elyria, O.

10191—Nuts (Brass, Hexagon)

Chicago Nut Co., 2513 W 20th, Chicago, Ill.
Curtis Screw Wks., Buffalo, N. Y.
DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book
National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.
Peck & Young Mfg. Co., Forestville, Conn.
Peninsular Milled Screw Co., Detroit, Mich.
Philadelphia Machine Screw Works, 624 Race, Phila., Pa.
Reed & Prince Mfg. Co., Worcester, Mass.
Waltham Screw Co., Waltham, Mass.

10192—Nuts (Brass & Copper)

American Pin Co. ("Ampinco" Brass Only), Waterbury, Conn.
American Safety Lamp & Mine Supply Co., Scranton, Pa.
Ansonia Mfg. Co., Ansonia, Conn.
Atlas Bolt & Screw Co., 1000 Ivanhoe rd, Cleveland, O.
Blake & Johnson Co. (To Order), 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Chicago Nut Co. (Brass Only), 2513 W 20th, Chicago, Ill.
Columbus Brass Co., 538 Dublin av, Columbus, O.
See adv index at end of book
Continental Elec. Co., 1883 Park av, New York

Corbin Screw Corp., New Britain, Conn.
Curtis Screw Wks., Buffalo, N. Y.
Detroit Nut Co. (Brass & Bronze), Hubbard av & M. C. R. R., Detroit, Mich.
DETROIT SCREW WORKS, 348 Franklin Detroit, Mich.
See adv index at end of book
Gaynor Mfg. Co. (Brass for Steam, Gas & Water Fittings), Bridgeport, Conn.
Hill Geo. Q. Co. (& Steel), Framingham, Mass.
International Brass & Electric Co. (Brass Hexagon, Machine Made), 76 Beekman, New York
Mutual Electric & Machine Co. (Copper), 232 Fort W, Detroit, Mich.
National-Acme Mfg. Co. (Brass Only), 7500 Stanton av, S E, Cleveland, O.
Pheoll Mfg. Co. (Brass), 5700 W 12th, Chicago, Ill.
Philadelphia Machine Screw Works, 624 Race, Phila., Pa.
Reed & Prince Mfg. Co., Worcester, Mass.
Rockford Bolt Co. (Brass), 60 Mill, Rockford, Ill.
St. Louis Screw Co., Clarence & Bulwer av, St. Louis, Mo.
Waterbury Mfg. Co. (Brass), Waterbury, Conn.
Welch T. F. Co., 55 Sudbury, Boston, Mass.
Western Automatic Machine Screw Co., Elyria, O.

10193—Nuts (Case Hardened)

Bethlehem Steel Co., So. Bethlehem, Pa.
Chicago Screw Co., 13 N Jefferson, Chicago, Ill.
Cincinnati Screw Co., Mercantile Library bldg, Cincinnati, O.
Corbin Screw Corporation, New Britain, Conn.
Curtis Screw Wks., Buffalo, N. Y.
DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book
Garland Nut & Rivet Co. (1st Nat'l Bk. bldg, Pittsburgh, Pa.
Gary Screw & Bolt Co. (Finished), Gary, Ind.
Graham Nut Co., 1317 W Carson, Pittsburgh, Pa.
Hall's Sam'l Sons, 229 W 10th, New York
Harper F. C. Screw Wks., 19 E 8th, Chicago, Ill.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Larkin J. K. & Co., 34 Reade, New Work
See adv index at end of book
Milton Mfg. Co. (Finished Hexagon), Milton, Pa.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National-Acme Mfg. Co., 7500 Stanton av, S. E., Cleveland, O.
National Bolt & Nut Co., Pittsburgh, Pa.
Neely Nut & Bolt Co., Pittsburgh, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Peninsular Milled Screw Co., Detroit, Mich.
Pittsburgh Screw & Bolt Co. (Finished), Preble av, Pittsburgh, Pa.
Rhode Island Tool Co. (Finished), Providence, R. I.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
St. Louis Screw Co., Clarence & Bulwer av, St. Louis, Mo.
Upson Nut Co., Cleveland, O.; Unionville, Conn.
Waltham Screw Co., Waltham, Mass.
Western Automatic Machine Screw Co., Elyria, Ohio

10194— Nuts (Cast Iron)

Ladd W. C., Bristol, Conn.

10195— Nuts (Castellated)

Automatic Screw Mach. Products Co., 416 W Grand av, Chicago, Ill.
Bigsby-Rotary Mfg. Co., Cleveland, O.
Brightman Mfg. Co., Columbus, O.
Brightman Nut & Mfg. Co., Sandusky, O.
Cincinnati Screw Co., Twightwee, O.
Cincinnatii Screw Co., Mercantile Library bldg, Cincinnati, O.
Columbia Nut & Bolt Co., Bridgeport, Conn.
Curtis Screw Wks., Buffalo, N. Y.
HARPER F. C. SCREW WKS., 19 E 8th, Chicago, Ill.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National-Acme Mfg. Co. (Iron & Steel), 7500 Stanton av, S E, Cleveland, O.
National Bolt & Nut Co., Pittsburgh, Pa.
National Screw & Tack Co., Cleveland, O.
Neely Nut & Bolt Co., Pittsburgh, Pa.
Peninsular Milled Screw Co., Detroit, Mich.
St. Louis Screw Co., Clarence & Bulwer av, St. Louis, Mo.
Western Automatic Mach. Screw Co., Elyria, O.

10196— Nuts (Caster)

Russell, Burdsall & Ward Bolt & Nut Co., (Case Hardened), Port Chester, N. Y.

10197—Nuts (Castle, Semi-Finished)

Curtis Screw Wks., Buffalo, N. Y.
DETROIT SCREW WORKS, (Also Polished, also "S. A. E."), 348 Franklin, Detroit, Mich.
See adv index at end of book
Milton Mfg. Co., Milton, Pa.
National Bolt & Nut Co., Pittsburgh, Pa.
Neely Nut & Bolt Co., Pittsburgh, Pa.
Peninsular Milled Screw Co., Detroit, Mich.

10198—Nuts (Check & Jam)

Chicago Screw Co., 13 N Jefferson, Chicago, Ill.
Clark Bros. Bolt Co., Milldale, Conn.
See adv index at end of book
Corbin Screw Corp., New Britain, Conn.
Curtis Screw Wks., Buffalo, N. Y.
DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book
Garland Nut & Rivet Co., Lawrence county, West Pittsburgh, Pa.
Gary Screw & Bolt Co. (Cold Punched & Semi-Finished), Gary, Ind.
Graham Nut Co., 1317 W Carson, Pittsburgh, Pa.
Harper F. C. Screw Wks., 19 E 8th, Chicago, Ill.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Lake Erie Iron Co., ft. of 7 63d, Cleveland, Ohio
Larkin J. K. & Co. (Check Only), 34 Reade, New York
See adv index at end of book
Milton Mfg. Co., Milton, Pa.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National-Acme Mfg. Co., 7500 Stanton av, S. E., Cleveland, O.
National Bolt & Nut Co., Pittsburgh, Pa.
Neely Nut & Bolt Co., Pittsburgh, Pa.
Peninsular Milled Screw Co., Detroit, Mich.
Pittsburgh Screw & Bolt Co. (Cold Punched & Semi-Finished), Preble av, Pittsburgh, Pa.
Rhode Island Tool Co., Providence, R. I
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Upson Nut Co., Cleveland, O.
Western Automatic Machine Screw Co., Elyria, Ohio

10199— Nuts (Clevis)

Cleveland City Forge & Iron Co., Cleveland, O.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
MERRILL BROS., 3 Arnold, Maspeth (Borough of Queens), N. Y.
See adv index at end of book
Michigan Bolt & Nut Works, Detroit, Mich.

10200— Nuts (Cold Drawn)

Curtis Screw Wks., Buffalo, N. Y.
National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

10201— Nuts (Cold Pressed)

American Equipment Co., Norristown, Pa.
Berry Bros., Columbus, O.
Columbus Bolt Works Co., Columbus, O.
Foster Bolt & Nut Mfg. Co., Union av & E 72nd, Cleveland, O.
Kirk-Latty Mfg. Co., W 85th (bet Detroit & Madison av), Cleveland, O.
National-Acmee Mfg. Co. (Machine Screw), 7500 Stanton av, S E, Cleveland, O.
National Bolt & Nut Co., Pittsburgh, Pa.
Neely Nut & Bolt Co., Pittsburgh, Pa.

10202—Nuts (Cold Punched)

American Equipment Co., Norristown, Pa.
Atlas Bolt & Screw Co., 1000 Ivanhoe rd, Cleveland, O.
Ballard Drop Forge Co., Seattle, Wash.
Bethlehem Steel Co., So. Bethlehem, Pa.
Berry Bros., Columbus, O.
Chicago Screw Co., 13 N Jefferson, Chicago, Ill.
CLARK BROS. BOLT CO., Milldale, Conn.
See adv index at end of book
Columbus Bolt Works Co., Columbus, O.
Corbin Screw Corporation (Tapped, Square & Hexagon), New Britain, Conn.
DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book
Foster Bolt & Nut Mfg. Co., Union av & E 72nd, Cleveland, O.
Garland Nut & Rivet Co., Lawrence county, West Pittsburgh, Pa.
Gary Screw & Bolt Co. (Chamfered & Trimmed), Gary, Ind.
Graham Nut Co., 1317 W Carson, Pittsburgh, Pa.
Hall's Sam'l Sons, 229 W 10th, New York
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Judson Mfg. Co., 819 Folsom, San Francisco, Cal.
Kirk-Latty Mfg. Co., W 85th (bet Detroit & Madison av), Cleveland, O.
Lake Erie Iron Co., ft. of E 63d, Cleveland, Ohio
Lamson & Sessions Co., 2188 Scranton rd, S. W., Cleveland, O.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Lebanon Valley Iron & Steel Co., Lebanon, Pa.
Maryland Bolt Co., Continental bldg., Baltimore, Md.
Milton Mfg. Co. (Chamfered & Trimmed), Milton, Pa.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Bolt & Nut Co., Pittsburgh, Pa.
Neely Nut & Bolt Co., Pittsburgh, Pa.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Ohio Nut & Bolt Co., Berea, O.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pittsburgh Screw & Bolt Co. (Chamfered & Trimmed), Preble av, Pittsburgh, Pa.
Rhode Island Tool Co., Providence, R. I.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Smith Thos. Co., Worcester, Mass.
Upson Nut Co., Cleveland, O.

10203— Nuts (Coupling)

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N. E, Cleveland, O.
Cleveland Steel Tool Co. (To Fit Any Punching Machine), Cleveland, O.

10204—Nuts (Double Cupped)

St. Louis Screw Co., 600 E Clarence av, St. Louis, Mo.

10205— Nuts (Forged)

Aetna Nut Co. (Machine Forged Blanks), Southington, Conn.
American Equipment Co., Norristown, Pa.
Bethlehem Steel Co., So. Bethlehem, Pa.
Billings & Spencer Co., Hartford, Conn.
Columbus Bolt Works Co., Columbus, O.
Dyson Jos. & Sons, Cleveland, O.
Foster Bolt & Nut Mfg. Co., Union av & E 72nd, Cleveland, O.
Johnston & Jennings Co., Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
Kansas City Bolt & Nut Co., Kansas City, Mo.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Bolt & Nut Co. (Large), Pittsburgh, Pa.
Neely Nut & Bolt Co., Pittsburgh, Pa.

NUTS (FORGED)—continued

Sizer Forge Co., 238 Larkin, Buffalo, N. Y.
Steel Car Forge Co., Pittsburgh, Pa.
Tioga Steel & Iron Co., Phila., Pa.
Titusville Forge Co., Titusville, Pa.
Upson Nut Co., Cleveland, O. & Unionville, Conn.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.

10206— Nuts (Hot Pressed)

American Bolt Co., Birmingham, Ala.
American Equipment Co. ("U. S. Standard"), Norristown, Pa.
Ballard Drop Forge Co. ("Ballard"), Seattle, Wash.
Bayonne Bolt & Nut Co., Bayonne, N. J.
Bethlehem Steel Co., So. Bethlehem, Pa.
Cambria Steel Co., Widener bldg, Phila., Pa.
Clark Bros. Bolt Co., Milldale, Conn.
See adv index at end of book
Columbus Bolt Works Co., Columbus, O.
Foster Boil & Nut Mfg. Co., Union av & E 72nd, Cleveland, O.
Gary Screw & Bolt Co., Gary, Ind.
Glauber Brass Mfg. Co., 49th & Superior av, Cleveland, O.
Graham Nut Co., 1317 W Carson, Pittsburgh, Pa.
Hall's Sam'l Sons, 229 W 10th, New York
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lake Erie Iron Co., ft of E 63d, Cleveland, Ohio
Lamson & Sessions Co., 2188 Scranton rd, S W, Cleveland, O.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Lebanon Valley Iron & Steel Co., Lebanon, Pa.
Maryland Bolt Co., Continental bldg., Baltimore, Md.
Meyer & Co., Throopsville, N. Y.
Michigan Bolt & Nut Works, Detroit, Mich.
Milton Mfg. Co. (Square & Hexagon), Milton, Pa.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Bolt & Nut Co., Pittsburgh, Pa.
Neely Nut & Bolt Co., Pittsburgh, Pa.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Pottsville Bolt Co., Pottsville, Pa.
Republic Iron & Steel Co., Youngstown, O.
Rockford Bolt Co. (Square & Hexagon), 60 Mill, Rockford, Ill.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Scranton Bolt & Nut Co. (Square & Hexagon), Scranton, Pa.
Southern California Iron & Steel Co., 4th & Mateo, Los Angeles, Cal.
Upson Nut Co., Cleveland, O. & Unionville, Conn.

10207— Nuts (Ivory)

Calvet Pablo & Co., 99 Water, New York
Held A. (Imp.), 11 William, New York

10208— Nuts (Joint)

Bethlehem Steel Co., So. Bethlehem, Pa.
Gary Screw & Bolt Co. (Cold Punched), Gary, Ind.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Milton Mfg. Co., Milton, Pa.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Bolt & Nut Co., Pittsburgh, Pa.
Pittsburgh Screw & Bolt Co. (Cold Punched), Preble av, Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, O.
Rhode Island Tool Co., Providence, R. I.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Smith Thos. Co., Worcester, Mass.
Upson Nut Co. (Hot Forged), Cleveland, O. & Unionville, Conn.

10209— Nuts (Knurled)

Chicago Nut Co. (Brass), 2513 W 20th, Chicago, Ill.
Corbin Screw Corporation (Thumb), New Britain, Conn.
Curtis Screw Wks., Buffalo, N. Y.
DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book
Hill Geo. Q. Co., Framingham, Mass.
National-Acme Mfg. Co., 7500 Stanton av, S. E., Cleveland, O.
Peninsular Milled Screw Co., Detroit, Mich.
Philadelphia Machine Screw Works, 624 Race, Phila., Pa.
Pratt & Whitney Co., Hartford, Conn.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Western Automatic Mach. Screw Co., Elyria, O.

10210— Nuts (Large)

JOHNSTON & JENNINGS CO., Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
Milton Mfg. Co. (For Heavy Steam, Electrical Machinery, Bridges, etc), Milton, Pa.
National Bolt & Nut Co., Pittsburgh, Pa.
Neely Nut & Bolt Co., Pittsburgh, Pa.

10211—Nuts (Machine Screw)

American Screw Co. (Tapped), 21 Stevens, Providence, R. I.
Atlas Bolt & Screw Co. (Brass & Iron), 1000 Ivanhoe rd, Cleveland, O.
Berry Bros., Columbus, O.
Chicago Nut Co., 2513 W 20th, Chicago, Ill.
Clark Bros. Bolt Co., Milldale, Conn.
See adv index at end of book
Corbin Screw Corporation, New Britain, Conn.
DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book
Hartford Machine Screw Co., Hartford, Conn.
Ireland & Matthews Mfg. Co., Detroit, Mich.
Lake Erie Iron Co., ft of E 63d, Cleveland, O.
Moore Franklin Co., Winsted, Conn.
National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.
National Screw & Tack Co., Cleveland, O.
New England Screw Co., 44 Farnsworth, Boston, Mass.
Pheoll Mfg. Co. (Brass, Copper, Iron, Steel & Zinc), 3700 W 12th, Chicago, Ill.
Philadelphia Machine Screw Works, 624 Race, Phila., Pa.
Reed & Prince Mfg. Co. (Iron & Brass, Square & Hexagon), Worcester, Mass.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Toledo Screw Products Co., Toledo, O.
U. S. Automatic Co., Amherst, O.
Upson Nut Co., Cleveland, O.
Waltham Screw Co., Waltham, Mass.
Western Automatic Machine Screw Co., Elyria, O.
Worcester Machine Screw Co., Standard Screw Co., Successors, Worcester, Mass.

10211a— Nuts (Milled)

New Haven Screw Co., 191 Foster, New Haven, Conn.
See adv index at end of book

10212— Nuts or Collars

Chicago Screw Co., 13 N Jefferson, Chicago, Ill.
Curtis Screw Wks., Buffalo, N. Y.
DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich. *See adv index at end of book*
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
National Bolt & Nut Co., Pittsburgh, Pa.
Rhode Island Tool Co., Providence, R. I.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Smith Thos. Co., Worcester, Mass.
Western Automatic Machine Screw Co., Elyria, O.

10213—Nuts (Phosphor Bronze)

Curtis Screw Wks., Buffalo, N. Y.
Phosphor Bronze Smelting Co., 2200 Washington av, Phila., Pa.

10214— Nuts (Pipe Sleeve)

Bethlehem Steel Co., So. Bethlehem, Pa.

10215—Nuts (Planer Head Bolt)

DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich. *See adv index at end of book*
Gary Screw & Bolt Co., Gary, Ind.
National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.
Philadelphia Machine Screw Works, 624 Race, Phila., Pa.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.

10216—Nuts (Semi-Finished)

Bethlehem Steel Co., So. Bethlehem, Pa.
Brightman Nut & Mfg. Co., Sandusky, O.
Chicago Nut Co. (Brass), 2613 W 20th, Chicago, Ill.
Chicago Screw Co., 13 N Jefferson, Chicago, Ill.
Cincinnati Screw Co., Mercantile Library bldg, Cincinnati, O.
Clark Bros. Bolt Co., Milldale, Conn.
See adv index at end of book
Columbus Bolt Works Co., Columbus, O.
Corbin Screw Coporation, New Britain, Conn.
Curtis Screw Wks., Buffalo, N. Y.
Garland Nut & Rivet Co., Lawrence county, West Pittsburgh, Pa.
Gary Screw & Bolt Co., Gary, Ind.
Graham Nut Co., 1317 W Carson, Pittsburgh, Pa.
Hall's Samuel Sons, 229 W 10th, New York
Hartford Machine Screw Co., Hartford, Conn.
HARPER F. C. SCREW WORKS, 19 E 8th, Chicago, Ill.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Lake Erie Iron Co., ft of E 63d, Cleveland, O.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Milton Mfg. Co., Milton, Pa.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.
National Bolt & Nut Co., Pittsburgh, Pa.
National Screw & Tack Co., Cleveland, O.
Neely Nut & Bolt Co., Pittsburgh, Pa.
Niagara Screw Co., Buffalo, N. Y.
Pawtucket Mfg. Co., Pawtucket, R. I.
Peninsular Milled Screw Co., Detroit, Mich.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Rhode Island Tool Co., Providence, R. I.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Upson Nut Co., Cleveland, O., & Unionville, Conn.
Western Automatic Mach. Screw Co., Elyria, O.
Worcester Machine Screw Co., Standard Screw Co., Successor, Worcester, Mass.

10217— Nuts (Sleeve)

American Bridge Co., 30 Church, New York
Bethlehem Steel Co., So. Bethlehem, Pa.
Curtis Screw Wks., Buffalo, N. Y.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Moran Bolt & Nut Mfg. Co., 1st & Florida St. Louis, Mo.
National Bolt & Nut Co., Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, O.
Rhode Island Tool Co., Providence, R. I.
Steel Car Forge Co., Pittsburgh, Pa.

10217a—*Nuts (Square & Hexagon)

Johnston & Jennings Co., Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book

10218—Nuts (Stove Bolt & Rod)

American Screw Co., 21 Stevens, Providence, R. I.
Atlas Bolt & Screw Co. (Stove Bolt), 1000 Ivanhoe rd, Cleveland, O.
Berry Bros., Columbus, O.
CLARK BROS. BOLT CO., Milldale, Conn.
See adv index at end of book
Columbus Bolt Works Co., Columbus, O.
Corbin Screw Corporation, New Britain, Conn.
Lamson & Sessions Co., 2188 Scranton rd, S. W.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
New England Screw Co., 44 Farnsworth, Boston, Mass.
Ohio Nut & Bolt Co., Berea, O.
Reed & Prince Mfg. Co., Worcester, Mass.
Republic Iron & Steel Co., Youngstown, O.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

10219— Nuts (Tapped)

American Equipment Co., Norristown, Pa.
Bethlehem Steel Co., So. Bethlehem, Pa.
Brightman Mfg. Co., Columbus, O.
Chicago Screw Co., 13 N Jeffeson, Chicago, Ill.
Colorado Fuel & Iron Co., Denver, Colo.
Columbus Bolt Works Co., Columbus, O.
Corbin Screw Corporation (Square & Hexagon), New Britain, Conn.
Curtis Screw Wks., Buffalo, N. Y.
DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book
Graham Nut Co., 1317 W Carson, Pittsburgh, Pa.
Harper F. C. Screw Wks, 19 E 8th, Chicago, Ill
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lamson & Sessions, 2188 Scranton rd, S. W., Cleveland, O.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Larkin J. K. Co., 34 Reade, New York
See adv index at end of book
Michigan Bolt & Nut Works, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National-Acme Mfg. Co. (Machine Screw Cold Pressed), 7500 Stanton, Cleveland, O.
National Bolt & Nut Co., Pittsburgh, Pa.
Neely Nut & Bolt Co., Pittsburgh, Pa.
Ohio Nut & Bolt Co., Berea, O.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, Ohio
Rhode Island Tool Co., Providence, R. I.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Smith Thos. Co., Worcester, Mass.
Upson Nut Co., Cleveland, O.
Waltham Screw Co., Waltham, Mass.
Western Automatic Machine Screw Co., Elyria, O.

10220— Nuts (Telephone)

DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book
National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.

10221—Nuts (Thumb or Wing)

Am. Brass Products Co. (Wing), Pottstown, Pa.
Atlas Bolt & Screw Co., 1000 Ivanhoe rd, Cleveland O.
Bethlehem Steel Co., So. Bethlehem, Pa.
Billings & Spencer Co., Hartford, Conn.
Chicago Nut Co., 2513 W 20th, Chicago, Ill.
Chicago Screw Co., 13 N Jefferson, Chicago, Ill.
Corbin Screw Corporation (Brass, Bronze, Iron & Steel), New Britain, Conn.
Curtis Screw Wks., Buffalo, N. Y.
DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book
Devlin Thos. Mfg. Co., 3d & Lehigh, Phila., Pa.
Eberhard Mfg. Co., Cleveland, O.
Garland Nut & Rivet Co., Lawrence county, West Pittsburgh, Pa.
Harris Samuel & Co. ("Harris"), 114 N Clinton, Chicago, Ill.
Hartford Machine Screw Co., Hartford, Conn.
Harper F. C. Screw Wks., 19 E 8th, Chicago, Ill.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hill Geo. Q. Co. (Thumb), Framingham, Mass.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Kirk-Latty Mfg. Co., W 85th (bet Detroit & Madison av), Cleveland, O.
Lamson & Sessions Co., 2188 Scranton rd, S W, Cleveland O.
Malleable Iron Fittings Co. ("M. I. F. Co." Malleable), Branford, Conn.
Michigan Bolt & Nut Works, Detroit, Mich.
Miles Franklin S., 205 Quarry, Phila., Pa.
National Screw & Tack Co., Cleveland, Ohio
Page Storms Drop Forge Co. (Thumb, Drop Forged Steel), Chicopee, Mass.
Peninsular Milled Screw Co., Detroit, Mich.
Petry N. A. Co., Inc. (Wing), 1309 Race, Phila., Pa.
Philadelphia Machine Screw Works, 624 Race, Phila., Pa.
Reed & Prince Mfg. Co. (Wing), Worcester, Mass.
Republic Iron & Steel Co., Youngstown, O.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Stowell Co., The, S. Milwaukee, Wis.
U. S. Automatic Co., Amherst, O.
Upson Nut Co., Cleveland, O., & Unionville, Conn.
Welch T. F. Co. (Brass), 55 Sudbury, Boston, Mass.
Western Automatic Machine Screw Co., Elyria, O.
Williams J. H. & Co. ("Vulcan" Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book
Worcester Machine Screw Co., Standard Screw Co., Successor, Worcester, Mass.
Wrightsville Hardware Co., Wrightsville, Pa.

10222— Nuts (Tire Bolt)

American Screw Co., 21 Stevens, Providence, R. I.
Atlas Bolt & Screw Co., 1000 Ivanhoe rd, Cleveland, O.
Berry Bros., Columbus, O.
Clark Bros., Bolt Co., Milldale, Conn.
See adv index at end of book
Columbus Bolt Works Co., Columbus, O.
Corbin Screw Corporation, New Britain, Conn.
Foster Bolt & Nut Mfg. Co., Union av & E 72nd, Cleveland, O.
Lamson & Sessions Co., 2188 Scranton rd, S W, Cleveland O.
National Screw & Tack Co., Cleveland, O.
Ohio Nut & Bolt Co., Berea, O.
Reed & Prince Mfg. Co., Worcester, Mass.
Republic Iron & Steel Co., Youngstown, O.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Upson Nut Co., Cleveland, O., & Unionville, Conn.

10223— Nuts (Top Prop)

Brewer-Titchener Corp., The ("Pioneer"), Binghamton, N. W.
Higgin Mfg. Co., Newoprt, Ky.
Monarch Carriage Goods Co. ("Monarch"), Cincinnati, O.
Neider F. A. Co., Augusta, Ky.
Searls Mfg. Co., Cleveland, O.

10224— Nuts (Weldless Eye)

Billings & Spencer Co. ("B. & S." Drop Forged), Hartford, Conn.

Nuts (Wing)

See Nuts, Thumb or Wing

10225—*Nuts & Buttons (Leather)

Barwood L. J. Co. ("Barwood" for Player Pianos), Storeham Station, Boston, Mass. *See adv index at end of book*

10226— Oakum

American Mfg. Co., Noble & West, B'rklyn, N. Y.
Baker Wm. T., 224 Suydam av, Jersey City, N. J.
Bishop Robert Mfg. Co., 157 W Sixth, South Boston, Mass.
Broderick & Bascom Rope Co. (Jobbers), Main & Douglas, St. Louis, Mo.
Chelsea Fibre Mills, 212 5th av, New York
Davey W. O. & Sons, 174 Laidlaw av, Jersey City, N. J.
Fischer & Hayes Rope Co., 602 W Lake, Chicago, Ill. *See adv index at end of book*
Fitler Edwin H. Co., 517 Arch, Phila., Pa.

OAKUM—continued
Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
Marine Mfg. & Supply Co., 158 South, New York
Meagher's Jas. Sons, 1625 San Bruno, San Francisco, Cal.
New York Cordage Co., 123 Front, New York
Peter & Guckenberger, 1205 Budd, Cincinnati, O.
Robinson & Jans, Winthrop, Conn.
Stratford Geo. Oakum Co., Cornelison av, Jersey Ciy, N. J.
Upson-Walton Co. of N. Y., The (Imp.), 291 B'way, New York
See adv index at end of book
Winne F. W. & Son, 237 Market, Phila., Pa.
Woolford N. B. Oakum Co., 601 S Luzerne av, Baltimore, Md.

10227— Oars (Boat)

Allen Fred A. Sportsman's Specialty Co., (Bow Facing Oars), Monmouth, Ill.
Angley & Cole, Brewer, Me.
Bayless Mfg. Co. (Ash), Memphis, Tenn.
Brown W. F. & Sons, Denham Springs, La.
De Grauw Aymar & Co. ("Crown," Ash & Spruce), 34 South, New York
Detroit Boat Co., Detroit, Mich.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Lease G. D. & Son, Jeffersonville, Vt.
Moorman Eli S. & Son, Plaquemine, La.
New York Boat Oar Co. ("Ezekiel Page" Brand), 69 West, New York
Rushton S. P., Canton, N. Y.
Strand Martin A., New Richmond, Wis.
Stryker Boat-Oar & Lumber Co., Stryker, O.
Wilsey & Shaffer Mfg. Co., Vicksburg, Miss.

10228— Oatmeal

See also Food Cereal, Prepared, etc.

H-O Company, Buffalo, N. Y.
Hecker Cereal Co., 40 Carlear, New York
National Oats Co., Cedar Rapids, Ia.
Purity Oats Co., Keokuk, Ia.

10229— Oats Cleaners

Higbie Oats Cleaner Co., 56 W Lake Chicago, Ill.
Owens J. L. Co., Fulton & S E Huron, Minneapolis, Minn.
Smith F. P. Wire & Iron Works ("Higbie"), 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book

10230— Ochres

Blue Ridge Ochre Co., Cartersville, Ga.
Brokee Ochre Co., Cartersville, Ga.
Chrystal Chas. B. (Imp.), 13 Cliff, New York *See adv index at end of book*
Coulson J. W. & Co. (Imp.), (French & Golden), 80 Maiden la, New York
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
Georgia-Peruvian Ochre Co. (Miners & Mfrs.), 165 B'way, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Katzenbach & Bullock Co., 100 William, New York
Lyons S. C. & Bros., Bennington, Vt.
Mepham Geo. S. & Co., 20th & Lynch, East St. Louis, Ill.
New Riverside Ochre Co., Cartersville, Ga.
Osborn C. J. Co. (French Imported), 132 Nassau, New York
Patton Paint Co. (White, Gray, etc.), Milwaukee, Wis.
Smith J Lee & Co. (Golden & French), 19 Jacob, New York
Wilbur J. Co., Providence, R. I. Factory: Phila., Pa.
WILLIAMS C. K. & CO. ("Anchor Brand"), Easton, Pa.

10231— Oculometroscopes

Meriden Optical & Jewelry Co., Meriden, Conn.
Spencer Optical Co., 5 Maiden la., New York

Odometers

See Meters, Distance Recording

10232— Oesphagoscopes

Electro Surgical Instrument Co., Rochester, N. Y.

10233-4—*Office Equipment (Steel)

SNEAD & CO. IRON WORKS
98 Pine, Jersey City, N. J.
See adv index at end of book

Office Building Directories (Changeable)

See Building Directories, Changeable

10235— Ohmeters

Biddle James G. ("Megger" Direct Reading, Imported), 1211 Arch, Phila, Pa.
Brown Instrument Co., Wayne av & Windrim, Phila., Pa.
Du Vivier Ernest H. (Imp.), 30 Church, New York
Leeds & Northup Co., Stenton av, Gtn., Phila., Pa.
Roller-Smith Co. ("Roller-Smith"), 238 B'way, New York
Weston Electrical Instrument Co., Waverly Park, Newark, N. J.

10236— *Oil Airoilene

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill.
See adv index at end of book

10236a—Oil Burning Systems

Schutte & Koerting Co., 1251 N 12th, Phila., Pa.

10237— Oil Cloth Mfrs.

See also Linoleum Manufacturers

Bailey's C. M. Sons & Co. (Floor), Winthrop, Me.
Blabon Geo. W. Co. (Floor), 21st & Hunting Park av, Phila., Pa.
Chandler Oil Cloth & Buckram Co. (Carriage Enameled), Taunton Mass.
Columbus Oil Cloth Co. (Table & Enameled), 1280 N Grant av, Columbus, O.
Cook's Linoleum Co. (Table, Shelf & Stair Enameled, etc), Trenton, N. J.
Dunn J. C. & Co. (Floor), Camden, N. J.
Farr & Bailey Mfg. Co. (Floor Oil) Cloth & Rugs), Camden, N. J.
Goodlatte & Sons (Table, Shelf, Stair & Enameled), Delawanna, N. J.
Landers Bros. Co., Toledo, O.
Monarch Rubber & Oil Cloth Co. (Carriage), Drexel bldg, Philadelphia, Pa.
Nairn Linoleum Co. (Floor), Kearny, N. J.
Potter Thos. Sons Co. (Inc.), (Floor, Table & Rugs), No. 2d & Erie av, Phila, Pa.
Sampson, Alden & Sons (Floor), 320 B'way, New York
Standard Oil Cloth Co. ("Meritas" Table, also Shelf, Stair, Carriages, etc), 320 B'way, New York
Taunton Oil Cloth Co., Taunton, Mass.
Wadsworth & Woodman Co., Winthrop, Me.

10238—Oil Colors (Artists')

Devoe & Raynolds Co., Inc. (In Collapsible Tubes), 101 Fulton, New York

10238a— *Oil Coolers

See also Coolers, (Oil)

NUGENT, WM. W. & CO., 146 W. Superior, Chicago, Ill.
See adv index at end of book

10238b—*Oil Country Tubular Goods (Genuine Wrought Iron)

Byers A. M. Co. (Line Pipe, Oil Well Casing, California X L Casing, Inserted Joint Casing, Oil Well Tubing, Standard Drill Pipe, Special Rotary Drill Pipe, Standard Drive Pipe, California Drive Pipe), 235 Water, Pittsburgh, Pa.
See adv on front cover

Oil Cups

See Lubricators, Oil & Greese Cup

10238c—*Oil Cups, Glass, Sight Feed, Signal Stop

LUNKENHEIM CO. ("Cardinal," "Sentinel," "Acorn," "Hawk" & "Reserve"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book

NUGENT, WM. W. & CO., 146 W. Superior, Chicago, Ill.
See adv index at end of book

Oil Duck

See Duck (Oiled)

10239— *Oil Filters

NUGENT, WM. W. & CO., 146 W. Superior, Chicago, Ill.
See adv index at end of book

10240—Oil Hole Covers & Cups

Bay State Stamping Co. ("Bennett Handy" Self-Closing), 380 Chandler, Worcester, Mass.
BOSSERT CORP., THE (Hand), Utica, New York. *See adv index at end of book*
Bowen Products Corp., 357 Canal, Auburn, N. Y.
Gits Bros. Mfg. & Specialty Co. ("Gits"), 555 W Monroe, Chicago, Ill.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Osgood J. L. Tool Co., Buffalo, N. Y.
Tucker W. B. & C. E. ("Tucker two-piece), 516 Asylum, Hartford, Conn.
Winkley Co. ("Winkley"), Detroit, Mich.

10240a— *Oil (Hydraulic)

Elmes, Chas. Engineering Wks., Inc., cor. Fulton & Sangamon, Chicago, Ill.
See adv index at end of book

Oil of Vitriol

See Acid-Sulphuric

10240b— *Oil Pumps

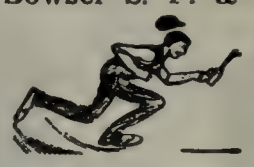
LUNKENHEIMER CO. ("Alpha," "Imperial," "Invincible," "Marvel" & "Universal"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book

NUGENT, WM. W. & CO., 146 W. Superior, Chicago, Ill.
See adv index at end of book

Vogt Bros. Mfg. Co., Louisville, Ky.
See adv index at end of book

10241—Oil Reclaiming Systems

Bowser S. F. & Co., Ft. Wayne, Ind.



NUGENT, WM. W. & CO., 146 W. Superior, Chicago, Ill.
See adv index at end of book

10242—*Oil Refineries Complete (Constructors of)

TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*

10243— Oil-Soluble Colors

Behlen H. & Bro. (For Coloring Illuminating Oils & Greases, etc), 371 Pearl, New York

10244—Oil Spreader & Hot Roller

Haas Chas. & Co. (for Oiling Roads), 511 E 18th, New York

Oil Stains

See Wood Stains

NORRIS BROTHERS

ROBINSON, ILL., U. S. A.

MANUFACTURERS OF

Oil Well Pumping Equipment

Belt Stretchers and Load Binders

Bottom Pour Babbitt Ladles

Oil Stones

See Stones, Oil & Water

10245—*Oil Storage Tanks

See also Tanks, Oil Storage

NUGENT, WM. W. & CO., 146 W. Superior, Chicago, Ill.
See adv index at end of book

10246—Oil & Gas Well Supplies

American Well Works, Aurora, Ill.
See adv index at end of book
American Well & Prospecting Co., Carsicana, Tex.
Armstrong Mfg. Co., Waterloo, Ia.
Associated Supply Co., Sharon bldg, San Francisco, Cal.
Atlas Supply Co., Muskogee, Okla.
Barse C. V. B. Co., Olean, N. Y.
Bayne, Wilson & Pratt, Pittsburgh, Pa., & Bradford, Pa.
Beeler & Campbell Sup Co., Independence, Kans.
Bovaird Supply Co., Independence, Kans.
Bovaird & Co., Bradford, Pa.
Bovaird & Seyfang Mfg. Co., Bradford, Pa.
Bradford Motor Works, Bradford, Pa.
Bradford Supply Co., Bradford, Pa.
Busch A. H. Co., 150 N Los Angeles, Los Angeles, Cal.
Campbell J. G. & W., Butler, Pa.
Childs Jno. Sr., Smiths Ferry, Pa.
Clampitt & Moss, 959 E 4th, Los Angeles, Cal.
Clark Supply House, Noblesville, Ind.
Clark & Norton Mfg. Co., Wellsville, N. Y.
COLONIAL SUPPLY CO., 217 Water, Pittsburgh, Pa.
See adv index at end of book
Columbus Sucker Rod Co., Columbus, O.
Corlett W. W., Knox, Pa.
Continental Supply Co., Post Dispatch Bk. bldg., St. Louis, Mo.
Cornell-Searl Co., Lincoln, Neb.
Crane Co. (Est. 1855), 836 S Michigan, Chicago, Ill
For branch offices see Alphabetical Section
D. & B. Pump & Supply Co., Los Angeles, Cal.
Dresser S. R. Mfg. Co. (Specialties), Bradford, Pa.
Dunham, Carrigan & Hayden Co., Kansas & Division, San Francisco, Cal.
Emery L. Jr., Bradford, Pa.
Evans Mfg. Co. (Ltd.), Butler, Pa.
Frick-Reid Supply Co., Sandusky & Robinson, Pittsburgh, Pa.
Frick & Lindsay Co., Robinson, Pittsburgh, Pa.
Harper & Reynolds Co., 152 N Main, Los Angeles, Cal.
Hays E. F. & Sons, Chicora, Pa.
Heller, Aller & Co., Napoleon, O.
Herron R. H. Co., Los Angeles, Cal.
Hoch Bros., Chicora, Pa.
Hough Chas. N. Mfg. Co., Franklin, Pa.
Hughes Tool Co. (Rotary Drill Bits), Houston, Tex.
Illinois National Supply Co., Casey, Ill.
Jarecki Mfg. Co., Erie, Pa.
Jones S. M. Co., Toledo, O.
Kane Supply Co., Kane, Pa.
Keiser Geo. & Co., Munice, Ind.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Kesselman & Co., Butler, Pa.
Larkin & Co., Butler, Pa.
Leidecker Tool Co., Marietta, O.
Leschen A. & Sons Rope Co., St. Louis, Mo.
Link-Belt Co. (Chains & Wheels for Operating Drills), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R. R., Phila., Pa.
See adv index at end of book
LUCEY MFG. CORP., Los Angeles, Cal.
Lucey Mfg. Corp., 233 B'way, New York
For branch offices see Alphabetical Section
Lucey Mfg. Corp. of Texas, Houston, Tex.
LUNKENHEIMER CO. Executive offices and factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McDONALD A. Y. MFG. CO., Dubuque, Ia.
McDowell W. I., Knox, Pa.
McElwaine Mfg. & Auto Co., Bradford, Pa.
McEvoy J. H. & Co., Houston, Texas
McEwen Bros., Wellsville, N. Y.
McFie W. T. Supply Co. (Oil Well), Los Angeles, Cal.
Macksburg Tool Co., Macksburg, O.
Magee Jno A. Co., Clarion, Pa.
Marion Machine, Foundry & Supply Co., Marion, Ind.
Masseth Packer & Machine Works, Butler, Pa.
Mills Iron Works, 927 N Main, Los Angeles, Cal.
Mills Machine Co., Vanburen, Ind.
Milton S. G. & Son ("Milton" Pulling Machine for Pulling Rods or Tubing from Wells & Replacing same Ready for Pumping), Franklin, Pa.
Mitchell H. B. & Co., Emlenton, Pa.
Moorhouse G. W., Kinzua, Pa.
National Supply Co., Toledo, O.
NOVIS BROS., Robinson, Ill.
See adv index at end of book
Ohio Pipe Co., Findlay, O.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Parkersburg Machine Co., Parkersburg, W. Va.
Pattin Bros. Co., Marietta, O.
Pickett Hardware Co., Warren, Pa.
Prichard Supply Co., Mannington, W. Va.
Producers Supply Co., Franklin, Pa.
Reid Jos. Gas Engine Co., Oil City, Pa.
Republic Supply Co., Humble, Texas
Rouseville Supply Co., Rouseville, Pa.
Second Hand Pipe & Supply Co., Parkersburg, W. Va.
Shenck Mfg. & Supply Co., Parkers Landing, Pa.
Spang & Co., Butler, Pa.
Spence Smith & Kootz Co., Parkersburg, W. Va.
Stancliff Well Screen & Mfg. Co., Houston, Tex.
Standard Supply Co., Scio, O.
Stitt Robt. G., Toledo, O.
Tay Geo. H. Co., 599 Mission, San Francisco, Cal.
Tay-Pike Co., Coalinga, Cal.
Thompson & Co., Mt. Jewett, Pa.
Tuna Iron & Steel Works, Bradford, Pa.
Union Tool Co. (Complete Equipment). Touance, Cal.
Wilbert John Petroleum Center, Pa.
Wyssbrod E. V. & Co., Findlay, O.
Yeager S. Petrolia, Pa.
Zahniser Bros. & Sten, Washington, Pa.

10247—Oil & Grease Guns & Syringes

Ayner Raymond C. Co., Burlington, Wis.
American Skate & Mfg. Co. ("Rollfast"), Reading, Pa.
Am. Steel Tube Co., Toledo, Ohio
Delta Mfg. Co., Bloomfield, N. J.
Edelmann E. & Co. ("Jumbo"), 341 E Ohio, Chicago, Ill.
Fowler Lamp & Mfg. Co. ("Fowler Yankee," Grease & Oil Guns), 59 E. 24th, Chicago, Ill.
Hall Mfg. Co., Harrison, N. J.
Hancock Mfg. Co., Charlotte, Mich.
Haney J. H. & Co., Omaha, Neb.
Judd & Leland Mfg. Co., Clifton Springs, N. Y.
Knapp Mfg. & Supply Co. (Brass), 241 Water, New York
Middle States Oil Co., B of L E bldg, Cleveland, O.
Monarch Mfg. Co. ("Monarch" Lubricating), Council Bluffs, Ia.
N. Y. & N. J. Lubricant Co. ("N. F. O." Lubricating Oil Gun), 165 B'way, New York
Noera Mfg. Co., Waterbury, Conn.
Rose J. A. Mfg. Co., Hastings, Neb.
Royersford Foundry & Machine Co. ("Sells") 52 No 5th, Philadelphia, Pa.
Ruby Mfg. Co. ("Tuckahoe"), Tuckahoe, N. Y.
Townsend S. P. & Co. ("Townsend"), Orange, N. J.

10428— Oiled Silk

Irvington Varnish & Insulator Co. ("Irvington" for Insulating Purposes), Irvington, N. J.

Oilers (Axle)

See Oilers, Engine and Machine

10249—Oilers (Car Journal Box)

Armstrong Oiler Co. (Automatic), Commonwealth bldg., Phila., Pa.
GEM MFG. CO. ("Gem," Heavy Brazed Steel), Goebel, nr Fulton, N S, Pittsburgh, Pa. *See adv index at end of book*
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

10250— Oilers (Car Pit)

GEM MFG. CO. ("Gem," Heavy Brazed Steel), Goebel, nr Fulton, M S, Pittsburgh, Pa. *See adv index at end of book*
Wall P. Mfg. Supply Co. (Brazed), 705 Preble av, N S, Pittsburgh, Pa.
Walters Mfg. Co., Fulton bldg., Pittsburgh, Pa.

10251— *Oilers (Crank Pin)

LUNKENHEIMER CO. Executive offices & factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book

NUGENT, WM. W. & CO., 146 W. Superior, Chicago, Ill.
See adv index at end of book

10252—Oilers (Cross Head Pin)

LUNKENHEIMER CO. ("H.-W."), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Nathan Mfg. Co., 416 E 106th, New York
Richardson-Phenix Co. ("Nokut"), Milwaukee, Wis.

NUGENT, WM. W. & CO., 146 W. Superior, Chicago, Ill.
See adv index at end of book

Powell Wm. Co., Cincinnati, O.
Star Brass Mfg. Co., "Star") 108 E. Dedham, Boston, Mass.

10253—*Oilers (Eccentric)

LUNKENHEIMER CO. Executive offices & factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book

NUGENT, WM. W. & CO., 146 W. Superior, Chicago, Ill.
See adv index at end of book

10254—Oilers (Engine & Machine)

See also Cans, Oil, etc

American Stamping & Mfg. Co., Park bldg., Pittsburgh, Pa.
Ansonia Novelty Co. ("Richard" Solderless Bottom), Ansonia, Conn.
Beereis & Bassick Co., Div. of The Bassick Co., Bridgeport, Conn.
Bloomer R. E. ("Cannon"), Keithsburg, Ill.
Boesch Lamp Co., 962 Mission, San Francisco, Cal.
Boggs Auto Supply Co. ("Kup-Kan"), Fort Dodge, Ia.
Bowen Products Corp., Auburn Div., 357 Canal, Auburn, N. Y.
Cannon Oiler Co. (successors to R. E. Bloomer), Keithsburg, Ill.
Commonwealth Brass Works, Detroit, Mich.
Consolidated Fruit Jar Co. ("Paragon," "Chace" Zinc, Brass & Copper), New Brunswick, N. J.
Detroit Ship Building Co. (Brass Department, Detroit, Mich.
Deverall Perfection Mfg. Co. ("Deverell"), Caton av, Brooklyn, N. Y.
Dover Stamping & Mfg. Co. (Tin & Brass), Cambridge, Mass.
Eagle Glass & Mfg. Co. (Railroad, etc), Wellsburg, W. Va.
Essex G. B. Brass Co., Detroit, Mich.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER

OILERS (ENGINE & MACHINE)—cont'd

GEM MFG. CO. ("Gem" & "Pyramid" Polished Brass & Steel, Bright Finish), Goebel, nr Fulton, N S, Pittsburgh, Pa. *See adv index at end of book*

GEUDER, PAESCHKE & FREY CO. (Pierced Tin & Galvanized Iron, Bent & Straight Spout, also Spring Bottom Oilers), Milwaukee, Wis. *See adv index at end of book*

Hammer & Co. (Malleable Iron), Branford, Conn.

Hero Mfg. Co. ("Hero," "Chace's" "Paragon"), Gaul & Adams, Phila., Pa.

Huebel Mfg. Co. (Malleable Iron), 103 Monroe, Newark, N. J.

Ironsides Co. ("Tormay" for Mine Cars), Columbus, O.

Jackson J. W. ("Jackson" Tin Self Closing Engine Oiler), Sharpsville, Pa.

Johnson Mfg. Co., Urbana, O.

Knapp Mfg. & Supply Co. (Engineers' Brass Sets), 241 Water, New York

Lonergan J. E. Co., 211 Race, Phila., Pa.

LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

Malleable Iron Fittings Co. ("M. I. F. Co.") (Malleable Iron), Branford, Conn.

Manhattan Brass Co. (Brass & Zinc), 332 E 28th, New York

Manzel Charles W. Mfg. Co., 89-93 Main, Buffalo, N. Y.

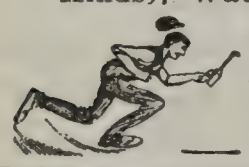
Maple City Mfg. Co. ("Howland" Pump & Valve Oilers), Monmouth, Ill.

Matthews & Willard Mfg. Co., Waterbury, Conn.

Mine & Smelter Supply Co. ("McVicar"), 42 B'way, New York

National Enameling & Stamping Co., 411 5th av, New York

Noera Mfg. Co. ("Noera," "Thompson," "Puritan" Brass & Steel, of All Kinds), Waterbury, Conn.



NUGENT, WM. W. & CO., 146 W. Superior, Chicago, Ill. *See adv index at end of book*

Pedersen Lubricator Co., 636 1st av, New York

Penberthy Injector Co., 346 Holden av, Detroit, Mich.

Penn Oiler Co. ("Penn." Spun Zinc & Brass), 250 Fulton, New York

Powell Wm. Co. (Glass, Plain & Sight Feed), Cincinnati, O.

Rich Mfg. Co. (Eccentric), 370 Atlantic av, Boston, Mass.

Richardson-Phoenix Co. ("Nokut" Crank Pin & Telescopic), Milwaukee, Wis.

Sands Steel Specialties Co. ("Sands" Steel Brazed), 6947 Susquehanna, Pittsburgh, Pa.

Sherwood Mfg. Co., 1709 Elmwood, Buffalo, N. Y.

Threthaway Bros. (Tin & Galvanized Iron), Parsons, Pa.

Vogel Wm. & Bros. ("Acme"), 37 S 9th Brooklyn, N. Y.

Wall P. Mfg. Supply Co. ("Wall's" Vent Pyramid, Steel & Spring Bottom), 705 Preble av, N S, Pittsburgh, Pa.

Walters Mfg. Co. ("M. & I." Sheet Steel), Fulton bldg., Pittsburgh, Pa.

10255— Oilers (Felloe)

American Scale Co., Kansas City, Mo.

Foote J. B. Foundry Co., Fredericktown, Ohio

Gowanda Agricultural Works, Gowanda, N. Y.

Indiana Foundry Co., Indiana, Pa.

Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.

Root-Heath Mfg. Co., Plymouth, O.

Sidney Hollowware Co., Sidney, Ohio (See Wagner Mfg. Co.)

Southern Skein & Fdry. Co., Chattanooga, Tenn.

Swett A. L. Iron Works, Medina, N. Y.

Wagner Mfg. Co., Sidney, O.

10256— Oilers (Flange)

Miner J. H. Saw Mfg. Co. ("Miners" for Flanges of Car Wheels, etc), Lumberton, Miss.

10257— Oilers (Floor)

Garnet Geo. H. Co. ("Universal"), Allentown, Pa.

10258— Oilers (Hog)

American Hog Post Co., Peoria, Ill.

Health Hog Oiler Co., Kenton, Ohio.

Hog-Joy System, Springfield, Ill.

Meyer Corporation, Morton, Ill.

O. H. C. Mfg. Co., Peoria, Ill.

Rowe Mfg. Co., Galesburg, Ill.

Shaw, Welsh & Co., Galesburg, Ill.

Sherman Hog Greaser Co., Peoria, Ill.

Starbuck Mfg. Co., Peoria, Ill.

Weldex Mfg. Co., Richmond, Ind.

10258a—Oilers (Knuckle Joint)

NUGENT, WM. W. & CO., 146 W. Superior, Chicago, Ill. *See adv index at end of book*

10259-60—Oilers (Lawn Mower)

Bridgeport Brass Co. ("Handy"), Bridgeport, Conn.

Consolidated Fruit Jar Co., New Brunswick, N. J.

Eureka Mfg. Co., Council Bluffs, Iowa

Galesburg Specialty Works, Galesburg, Ill.

GEM MFG. CO., Goebel nr. Fulton, N S, Pittsburgh, Pa. *See adv index at end of book*

Gulf Refining Co., Frick bldg, annex Pittsburgh, Pa.

10261—Oilers (Locomotive)

Boesch Lamp Co., 962 Mission, San Francisco, Cal.

Dressel Railway Lamp Works, 3860 Park av, New York

Eagle Glass & Mfg. Co., Wellsburg, W. Va.

GEM MFG. CO. ("Gem" Steel), Goebel, nr Fulton, N S, Pittsburgh, Pa. *See adv index at end of book*

Gray Peter & Sons, Inc. (Engineers' Heavy), 286 3rd, East Cambridge, Mass.

Handlan-Buck Mfg. Co. ("Perfection" Valve), 210 14 N 3rd, St. Louis, Mo.

Hero Mfg. Co., Gaul & Adams, Phila., Pa.

Jackson J. W. ("Jackson" Oil Can), Sharpsville, Pa.

Johnson Mfg. Co. ("The J," Long Spout), Urbana, O.

Knapp Mfg. & Supply Co., 241 Water, New York

Lonergan J. E. Co. (Piston Rod, Guide Valve, Steam Oilers, etc), 211 Race, Phila., Pa.

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

Maple City Mfg. Co. ("Howland" Pump Oilers, etc), Monmouth, Ill.

Penberthy Injector Co., 346 Holden av, Detroit, Mich.

Noera Mfg. Co. ("Noera" Brass & Steel of All Kinds), Waterbury, Conn.

Smith of N. Y. Co., 352 Pearl, New York

Vogel Wm. & Bros., 37 S 9th, Brooklyn, N. Y.

Wall P. Mfg. Supply Co., 705 Preble av, Pittsburgh, Pa.

10262—Oilers (Locomotive Flange)

Ohio Injector Co., Wadsworth, O.

10263—Oilers (Loose Pulley)

See also Lubricators

American Lubricator Co., ("American"), Summit & Wabash Ry., Detroit, Mich.

Biggar Brothers, Oneida, N. Y.

Brown Engng. Co., ("Brown"), 110 N 3rd, Reading, Pa. *See adv index at end of book*

Gem Mfg. Co., Goebel, nr Fulton, N S, Pittsburgh, Pa. *See adv index at end of book*

Lonergan J. E. Co., 211 Race, Phila., Pa.

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

McNab & Harlin Mfg. Co. ("Hodges"), 55 John, New York

Michigan Lubricator Co., Detroit, Mich.

Powell Wm. Co., Cincinnati, O.

Swain Lubricator Co. ("Swain"), 443 W 37th, Chicago, Ill.

Van Duzen E. W. Co., 428 E 2d, Cincinnati, O.

10264—Oilers (Malleable Iron)

Hammer & Co., Branford, Conn.

10265—Oilers (Mowing Machine)

AMERICAN CAN CO., 120 Broadway, New York *See adv index at end of book*

Consolidated Fruit Jar Co., New Brunswick, N. J.

Dover Stamping & Mfg. Co., Cambridge, Mass.

Eagle Glass & Mfg. Co., Wellsburg, W. Va.

GEM MFG. CO. ("Gem"), Goebel, nr Fulton, N S, Pittsburgh, Pa. *See adv index at end of book*

Geuder, Paeschke & Frey Co., Milwaukee, Wis. *See adv index at end of book*

Hero Mfg. Co. (Steel), Gaul & Adams, Phila., Pa.

Maple City Mfg. Co. ("Howland" Pump Oilers, etc), Monmouth, Ill.

National Enameling & Stamping Co., 411 5th av, New York

Noera Mfg. Co. ("Noera"), Waterbury, Conn.

Vogel Wm. & Bros., 37 S 9th, Brooklyn, N. Y.

Wall P. Mfg. Supply Co., 705 Preble av, N S, Pittsburgh, Pa.

Oilers (Multiple)

See Lubricators, Multiple Oiling

10265a— Oilers (Pump)

Cannon Oiler Co. (successors to R. E. Bloomer), ("Cannon"), Keithsburg, Ill.

Chapin R. E. Mfg. Wks., Batavia, N. Y.

Cincinnati Can Co., 426 Culvert, Cincinnati, O.

Delphos Mfg. Co., First & Pierce, Delphos, O.

Gustave Lidseen Co., Chicago, Ill.

Lisk Mfg. Co., Canandaigua, N. Y.

Maple City Mfg. Co. ("Howland"), Monmouth, Ill.

Nat'l Enameling & Stamping Co., 411 Fifth ave, New York

Noerva Mfg. Co., Waterbury, Conn.

10266— Oilers (Ring)

Brown Engineering Co. ("Brown," For Loose Pulleys, etc), 110 N 3rd, Reading, Pa. *See adv index at end of book*

Pittsburgh Iron & Steel Foundries Co. ("Midland" for Mine Cars), Midland, Pa.

10267—Oilers (Self-Closing, Dust-proof)

Bowen Products Corp., Auburn Div., 357 Canal, Auburn, N. Y.
Brown Spring Oiler Co. ("Vizor"), 6911 Carnegie av S E, Cleveland, O.
LUNKENHEIMER CO. Executive offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Zerk Mfg. Co. ("Zerk"), Cleveland, O.

10268—Oilers (Sewing Machines)

Boesch Lamp Co., 962 Mission, San Francisco, Cal.
Bridgeport Brass Co. ("Handy"), Bridgeport, Conn.
Consolidated Fruit Jar Co., New Brunswick. N. J.
Hero Mfg. Co. ("Wilmot," "Star"), Gaul & Adams, Phila., Pa.
Riley-Klotz Mfg. Co., 17 Mulberry, Newark, N. J.

10269—Oilers (Shaft, Safety)

Hall Mfg. Co., Harrison, N. J.
LUNKENHEIMER CO. Executive offices & factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book

NUGENT, WM. W. & CO., 146 W. Superior, Chicago, Ill.
See adv index at end of book

Ricker Mfg. Co. ("Rochester," Ashton Patent), Rochester, N. Y.
Strong, Carlisle & Hammond Co. ("Nugent"), 346 Frankfort av N W, Cleveland, O.

10270—Oilers (Spring Bottom)

Eagle Glass & Mfg. Co., Wellsburg, W. Va.
GEM MFG. CO. (Brazed Steel & Brass), Goebel, nr Fulton, N S, Pittsburgh, Pa.
See adv index at end of book

Hammer & Co. (Malleable Iron), Branford, Conn.
Hero Mfg. Co., Gaul & Adams. Phila.. Pa.
Wall P. Mfg. Supply Co., 705 Preble av, N S, Pittsburgh, Pa.

10270a—*Oilers (Spring Leaf)

Brown Spring Oiler Co. ("Brown" & "Relio"), 6911 Carnegie av, S E, Cleveland, O.

10271—*Oilers (Telescopic)

NUGENT, WM. W. & CO., 146 W. Superior, Chicago, Ill.
See adv index at end of book

Oilers (Typewriter)

See Oilers, Sewing Machine

10272— Oilers (Windmill)

Red Cross Mfg. Co. (Automatic), Bluffton, Ind.

10273— Oilers (Zinc, Etc.)

AMERICAN CAN CO., 120 Broadway, New York *See adv index at end of book*
Consolidated Fruit Jar Co., New Brunswick, N. J.
Eagle Glass & Mfg. Co., Wellsburg, W. Va.
Hero Mfg. Co., Phila., Pa.
Maple City Mfg. Co., Monmouth, Ill.
Vogel Wm. & Bros., 27 S 9th, Brooklyn, N. Y.

10274— *Oiling Devices

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill.
See adv index at end of book
LUNKENHEIMER CO. Executive offices & factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book

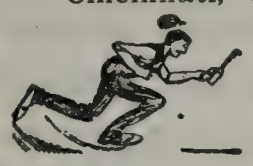
NUGENT, WM. W. & CO., 146 W. Superior, Chicago, Ill.
See adv index at end of book

10275—Oiling Sets (Engineers')

Boesch Lamp Co., 962 Mission, San Francisco, Cal.
Consolidated Fruit Jar Co. ("Paragon," "Chace"), New Brunswick, N. J.
Deverall Perfection Mfg. Co. ("Perfection"), Caton av, Brooklyn, N. Y.
Dressel Railway Lamp Works, 3860 Park av, New York
Eagle Glass & Mfg. Co., Wellsburg, W. Va.
GEM MFG. CO. ("Gem" Steel), Goebel nr Fulton N S, Pittsburgh, Pa.
See adv index at end of book
Hall Mfg. Co., Harrison, N. J.
Hero Mfg. Co. ("Paragon"), Gaul & Adams, Phila., Pa.
Knapp Mfg. & Supply Co., 241 Water, New York
Noera Mfg. Co., Waterbury, Conn.
Star Brass Mfg. Co., 100 E Dedham, Boston, Mass.
Wall P. Mfg. Supply Co. ("Walls"), 705 Preble av, N S, Pittsburgh, Pa.

10276— Oiling System (Continuous)

Burt Mfg. Co., 40 Main, Akron, O.
Commonwealth Brass Works, Detroit, Mich.
LUNKENHEIMER CO. Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*



NUGENT, WM. W. & CO., 146 W. Superior, Chicago, Ill.
See adv index at end of book

Richardson-Phoenix Co. ("Richardson" & "Phoenix" Oiling & Filtering Systems, Individual & Central), 122 Reservoir av, Milwaukee, Wis.

10277—Oils Acetone (Ketone)

Cleveland Cliffs Iron Co., Rockefeller bldg, Cleveland, O.

10278— Oils (Aniline)

Calco Chemical Co., Bound Brook, N. J.
Chemical Co. of America, 28 Platt, New York
Fulper Edw. B., Trenton, N. J.
Farbwerke-Hoechst Co., 120 Hudson, New York
Geisenheimer & Co. (Imp.), 134 Cedar, New York
Klipstein A. & Co. (Imp.), 644 Greenwich, New York
Marden, Orth & Hastings Co., 61 B'way, New York.
Midvale Chemical Works, 610 Locust, St. Louis, Mo.
Montcalm Chemical Wks., Indianapolis, Ind.
Naugatuck Chemical Co., Naugatuck, Conn.
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York
Petroleum Products Co., 3917 Neville, Pittsburgh, Pa.
Seydel Mfg. Co., 88 Forrest, Jersey City, N. J.
Sparks John C., 30 Church, New York
Western Aniline Products Co. (Also Para-Toluidine, Ortho-Toluidine), Hammond, Ind.

10279— Oils (Animal)

Adelano Co., 135 Front, New York
Baugh & Sons Co., 20 S Delaware av, Phila., Pa.
Dold Jacob Packing Co., Buffalo, N. Y.
Harshaw, Fuller & Goodwin Co., Cleveland; New York & Philadelphia
Morris & Co., Union Stock Yards, Chicago, Ill.

10280— Oils (Anti-Froth)

Providence Drysalters Co., East Greenwich, R. I.

10280a—*Oils (Automobile)

See also Lubricating Oils & Greases

Advance Oil Co. ("Velvet"), Oil City, Pa.
Empire Oil Works ("Empire"), Oil City, Pa.
Waverly Oil Works Co., Pittsburgh, Pa.

Oils (Automobile & Motorcycle)

See Lubricants, Automobile

Oils (Axle)

See Greases & Oils, Axle

10281—Oils (Bicycle & Sewing Machine)

Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.
Baird Bros. & Co., Cleveland, O.
Borne-Scrymser Co., 80 South, New York
Cortland Specialty Co., Cortland, N. Y.
Emery Mfg. Co., Bradford, Pa.
Empire Oil Works, Oil City, Pa. Works: Reno, Pa.
Hollingshead R. M. Co. ("Whiz"), Camden, N. J.
Indian Refining Co., 244 Madison av, New York
National Rubber & Specialties Co. ("Narasco" & "Verybest"), Cincinnati, O.
National Refining Co., Cleveland, O.
Nye Wm. F., New Bedford, Mass.
Penn American Refining Co., Oil City, Pa.
Pierce Oil Corp., Bank of Com. bldg, St. Louis, Mo.
Pittsburgh Oil Refining Co., Pittsburgh, Pa.
Pure Oil Co., Lafayette bldg, Phila., Pa.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York
Texas Company, 17 Battery pl, New York
Union Petroleum Co. (In Bulk & Bottles), **Widener bldg., Philadelphia, Pa.**
Warren Refining Co., Warren, Pa.
Waverly Oil Works Co., Pittsburgh, Pa.

10282— Oils (Boiler)

Pierce Oil Corp., Bank of Com. bldg, St. Louis, Mo.
Rockwell L. A. Co. (also Mechanical Reel), 430 Smith, Brooklyn, N. Y.
Talmage Mfg. Co. ("Rubra," for Locomotives, etc), Cleveland, O.
Warren Refining Co., Warren, Pa.

10283— Oils (Butter)

Louisville Cotton Oil Co., Louisville, Ky.
Proctor & Gamble Co., Gwynne bldg., Cincinnati, O.

10284— Oils (Car Cleaning)

Columbia Refining Co. ("Columbia" Varnish Cleaner & Preserver), 90 West, New York
Sipe Jas. B. & Co., Bessemer bldg, Pittsburgh, Pa.

10285— Oils (Castor)

Adams Fred C. Co., 234 La Salle, Chicago, Ill.
Baker Castor Oil Co., 120 B'way, New York
Bosson & Lane, Atlantic, Mass.
Boyer J R. C., 29 B'way, New York
Canfield Oil Co. (Vegetable Lubricating), Cleveland, O.
COOK N. B. OIL CO. (Imported & Domestic grades), 148 Front, New York
See adv index at end of book
Fergusson Bros., 109 Chestnut, Phila., Pa.
Fiebing Chemical Co. (Axle), 240 Reed, Milwaukee, Wis.

OILS (CASTOR)—continued

Fuerst Bros. & Co. (Imported), 2 Stone, New York
HAMILTON CO. (Importers), Church & Fulton, New York
Harshaw, Fuller & Goodwin Co., Cleveland; New York & Philadelphia
Hartman Bros., Inc. (Imp.), 641 Atlantic av, Boston, Mass.
Sinclair Refining Co. ("Four Bros"), Albany, N. Y.
Houghton E. F. & Co. ("Sulfol"), 240 W Somerset, Phila., Pa.
Kellogg Spencer & Sons, Buffalo, N. Y.
Oil Seeds Co., 35 S William, New York
Pierce Oil Corp., Bank of Com. bldg, St. Louis, Mo.
Takamine Laboratory (Inc.) (Imp.), 120 B'way, New York
Webb A. L. & Sons, 115 E Lombard, Baltimore, Md.
Wolf Jacques & Co., (Selling Agents) Passaic, N. J.

10286—Oils (Castor Machine)

Canfield Oil Co., Cleveland, O.
Frost & Cundill, Inc. (Imp.), 60 Wall, New York
Indian Refining Co., 244 Madison av, New York
National Refining Co., Cleveland, O.
Nye Wm. F. New Bedford, Mass.
Pierce Oil Corp., Bank of Com. bldg, St. Louis, Mo.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York
Sullivan Oil Co. ("Sullivan's" Gumless), 413 Wells, Chicago, Ill.
Texas Company, 17 Battery pl, New York

10287—Oils (Cement Floor)

National Refining Co., Cleveland, O.
Sipe Jas. B. & Co., Bessemer bldg, Pittsburgh, Pa.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York

10288—Oils (China Wood, Importers)

Adams Fred C. Co., 234 S La Salle, Chicago, Ill.
American Trading Co., 25 Broad, New York
Ayres, Bridges & Co., 200 Summer, Boston, Mass.
Carleton & Moffat, 80 Maiden la, New York
Elbert & Company, 71 Wall, New York
Fearon, Brown Co., 96 Wall, New York
Frost & Cundill, Inc. (Imp.), 60 Wall, New York
Gillespie L. C. & Sons, 8 Fletcher, New York
Gough Richard & Co., 69 Wall, New York
Gross Otto, 66 Beaver, New York
Harshaw, Fuller & Goodwin Co., Cleveland; New York & Philadelphia
Hill's Edw. Sons & Co., 64 Wall, New York
Jardine, Matheson & Co., 63 Wall, New York
Klipstein A. & Co., 644 Greenwich, New York
Marden Orth & Hastings Co., 61 B'way, New York
Mitsui & Co., 65 B'way, New York
Oil Seeds Co., 35 S William, New York
Paterson, Boardman & Knapp, 10 Bridge, New York
Patterson G. W. S. & Co., 135 Front, New York
Peabody H. W. & Co., 17 State, New York
Scheel Wm. H., 159 Maiden la, New York
Swan & Finch Co., 165 B'way, New York
Tappenbeck Wm., 106 Wall, New York
Winterbourne S. & Co., 94 Pine, New York

10289— Oils (Cochin)

Francesconi J. C. & Co. (Imp), 23 Beaver, New York
Fuerst Bros. & Co. (Importer), 2 Stone, New York
Welch, Holme & Clark Co. ("East India"), 383 West, New York

10290— Oils (Cocoa)

American Trading Co. (Imp), 25 Broad, New York

10291— Oils (Cocoanut)

Adams Fred C. Co. (Ceylon & Cochin Oil) 234 S La Salle, Chicago, Ill.
Ayres, Bridges & Co. (Imp.), 200 Summer, Boston, Mass.
Babcock & Templeton, Inc. (Importers), Postal Telegraph bldg, San Francisco, Cal.
COOK N. B. OIL CO. (Imp. Ceylon, Cochin, Philippine Islands, & Japan grades), 148 Front, New York
See adv index at end of book
Darragh Small & Co., Ltd. (Imported), 177 Water, New York
Drew E. F. & Co. (Imp), 120 Milk, Boston, Mass.
Edible Products Co., 120 B'way, New York
Elbert & Company (Imp.), 71 Wall, New York
Fearon, Brown Co. (Imp), 96 Wall, New York
Francesconi J. C. & Co. (Imp.), 23 Beaver, New York
Frost & Cundill, Inc. (Imp.), 60 Wall, New York
Fuerst Bros. & Co. (Imported), 2 Stone, New York
Harshaw, Fuller & Goodwin Co., Cleveland; New York & Philadelphia
Hartman Bros. Inc. (Imp), 641 Atlantic, Boston, Mass.
Hollingsworth & Peterson, Lafayette bldg, Phila., Pa.
Link David C. & Co. (Imp), Produce Exchange, New York
Magnus, Mabee & Reynard (Inc.) (Imp), 257 Pearl, New York
McKesson & Robbins (Imp), 91 Fulton, New York
Marden, Orth & Hastings Co. (Imp.), 61 B'way, New York
Mitsui & Co. (Imp), 65 B'way, New York
Oil Seeds Co., 35 S William, New York
Pacific Oil & Lead Works, 155 Townsend, San Francisco, Cal.
Paterson, Boardman & Knapp, 10 Bridge, New York
Philippine Vegetable Oil Co. (Imp.), 11 B'way, New York
Simon J. & Co. (Imported), 18 B'way, New York
Swan & Finch Co. (Importers), 165 B'way, New York
Takamine Laboratory Inc. (Imp), 120 B'way, New York
Tennant C. Sons & Co. of N. Y. (Imp), 100 William, New York
Welch, Holme & Clark Co., 383 West, New York
Winkler Isaac & Bro., 1st Nat'l Bk. bldg., Cincinnati, O.

10292— Oils (Cod)

See also Oils, Fish

COOK N. B. OIL CO. (Imp.), 148 Front, New York
See adv index at end of book
Harvey & Outerbridge (Imp.), 11 B'way, New York
McKesson & Robbins (Imp.), 91 Fulton, New York
Marden, Orth & Hastings Co. (Imp.), 61 B'way, New York
Norwood Jos. W., Gloucester, Mass.
Swan Alden S. & Co. (Imp.), 135 Front, New York
Swan & Finch Co. (N. F.), 165 B'way, New York
Takamine Laboratory Inc. (Imp), 120 B'way, New York
Young Frank L. Co. (Pure Cod), 111 Purchase, Boston, Mass.

10292a— Oils (Cod Liver)

COOK N. B. OIL CO. (Imp. Medicinal, Non Freezing Norwegian Process Cod Liver Oils), 148 Front, New York
See adv index at end of book

10293— Oils (Core)

See also Compounds, Core

Black Warren G Oil Co. ("Knight Brands"), Century bldg, Cleveland, O.
BUCKEYE PRODUCTS CO., 919-929 W 5th, Cincinnati, O.
See adv index at end of book
Cataract Refining & Mfg. Co., Buffalo, N. Y.
COOK N. B. OIL CO., 148 Front, New York
See adv index at end of book
Damascus Mfg. Co., Cassius av, Cleveland, O.
Delevan Mfg. Co., 65 Delevan, Brooklyn, N. Y.
Diamond Oil Co., 52d & Frays av, Phila, Pa.
Federal Foundry Supply Co., 2639 E. 79th, Cleveland, O.
Garnet Co., The (Film), Allentown, Pa.
Girard Chemical Co., 241 Maurice, Buffalo, N. Y.

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SPECIAL ATTENTION GIVEN TO TELEPHONE INQUIRIES

OILS

Herruth Core Oil Co., Zion City, Ill.
Holland Coal Oil Co., 2012 Austin av, Chicago, Ill.
Jamestown Paint & Varnish Co., Jamestown, Pa.
Kellogg, Spencer & Sons (Linseed Base), Buffalo, N. Y.
McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.
Mills C. E. Oil Co., Syracuse, N. Y.
National Oil & Supply Co. ("Viscos") 180 **Freylinghuysen av, Newark, N. J.**
National Refining Co., Cleveland, O.
Nubian Paint & Varnish Co., 1856 Leclaire av, Chicago, Ill.
Paxson J. W. Co., 1021 N Delaware av, Philadelphia, Pa.
Pittsburgh Oil Refining Co. Pittsburgh, Pa.
Smith Werner G. Co. ("Linoil"), Hird & Detroit, Cleveland, O.
Standard Linseed Co. (Linseed), Willey & Big 4 R. R., Cleveland, O.
Standard Oil Co. of N. Y. ("Sacony"), 555 W 25th, New York
Star Lubricating Oil Co., 8714 B'way, Cleveland, O.
Sterling Oil Co. ("Sterling"), Emlenton, Pa.
Stevens Frederick B., 3d & Larned, Detroit, Mich.
Sun Co., Finance bldg., Philadelphia, Pa.
Thompson & Co. ("Lin-O-Core"), 1111 Galveston av, N. S. Pittsburgh, Pa.

10294— Oils (Corn)

Adams Fred C. Co., 234 S La Salle, Chicago, Ill.
American Hominy Co. Indianapolis, Ind.
Am. Oil Refining Co., Inc. (Linseed), 1482 B'way, New York
American Maize-Products Co., 135 William, New York
Boyer J. R. C., 29 B'way, New York
Corn Products Refining Co. ("Paragol" Unadulterated) 17 Battery pl, New York
Douglas Co., Cedar Rapids, Ia.
Elbert & Co. (Imp.), 71 Wall, New York
Harshaw, Fuller & Goodwin Co., Cleveland; New York & Philadelphia
Hubinger J. C. Bros. Co., New Haven, Conn.
Oil Seeds Co., 35 S William, New York
Patent Cereals Co., Geneva, N. Y.
Union Starch & Refining Co., Edinburg, Ind.
Wathen Milling Co., Louisville, Ky.
Welch, Holme & Clark Co., 383 West, New York

10295— Oils (Cottonseed)

Adams Fred C. Co., 234 S La Salle, Chicago, Ill.
American Cotton Oil Co., 65 B'way, New York
American Cotton Oil Co. ("I X L"), 65 B'way, New York
Americus Oil Co., Americus, Ga.
Arcadia Cotton Oil Mill & Mfg. Co., Arcadia, La.
Ashcroft Wilkinson Co., Atlanta, Ga.
Bastrop Cotton Oil Co., Bastrop, La.
Bowdon Oil Mills, Bowdon, Ga.
Boyce Cotton Oil & Mfg. Co. Ltd., Boyce, La.
Boyer J. R. C., 29 B'way, New York
Brode F. W. & Co., Memphis, Tenn.
Broussard Cotton Oil Co., Ltd., Broussard, La.
Buckeye Cotton Oil Co., Gwenne bldg, Cincinnati, O.
Byronville Mfg. Co., Byronville, Ga.
Coweta Cotton Oil Mill, Newnan, Ga.
Crescent Cotton Oil Co., Memphis, Tenn.
Cuthbert Oil Co., Cuthbert, Ga.
Dallas Oil & Refining Co., Dallas, Tex.
Delta Oil Co., Greenville, Miss.
De Soto Oil Co., Memphis, Tenn.
Dixie Cotton Oil Co., Montgomery, Ala.
Dixie Cotton Oil Mill, Little Rock, Ark.
Donaldsonville Oil Mill, Donaldsonville, Ga.
East St. Louis Cotton Oil Co. ("Illinois"), East St. Louis, Ill.
Elbert & Company (Imp.), 71 Wall, New York
Elberton Oil Mills, Atlanta, Ga.
Empire Cotton Oil Co., Atlanta, Ga.
Farmers' Cotton Oil Co., Americus, Ga.
Farmers' Cotton Oil & Fertilizer Co., Huntersville, Ala.
Farmers & Ginners' Oil Mill, Austin, Tex.
Farmers' Oil Mill, Royston, Ga.
Fayetteville Oil Co., Fayetteville, Ga.
Field Julian & Co., Atlanta, Ga.
Florida Cotton Oil Co., Jacksonville, Fla.
Fort Valley Oil Co., Fort Valley, Ga.
Fulper Edw. B., Trenton, N. J.
Gayoso Oil Works, Memphis, Tenn.
Globe Soap Co., United Bank bldg, Cincinnati, O.
Gohlston Bros., Comer, Ga.
Greenville Cotton Oil & Mfg. Co., Greenville, Ga.
Griffin Oil Co., Griffin, Ga.
Grovania Cotton Oil Co., Grovania, Ga.
Gulfport Fertilizer Co., Gulfport, Miss.
Havens Oil Co., Washington, N. C.
Lange Soap Co., San Antonio, Texas
Louisville Cotton Oil Co., Louisville, Ky.
Mandeville Mills, Carrollton, Ga.
Milledgeville Oil Mills, Atlanta, Ga.
Morton Oil Mills, Millen, Ga.
National Cotton Oil Co., Montgomery, Ala.
New Roads Oil Mill & Mfg. Co., Newroads, La.
Newton County Oil Mills, Covington, Ga.
Norden A. & Co. (Imp.), Cotton Exch. bldg., New York
Oil Seeds Co., 35 S William, New York
Peoples' Cotton Oil Co., Lafayette, La.
Perkins Oil Co., Memphis, Tenn.
Phoenix Cotton Oil Co., Memphis, Tenn.
Planters' Chemical & Oil Co., Talladega, Ala.
Planters' Cotton Oil Co., Augusta, Ga.
Planters' Cotton Oil Co., Montgomery, Ala.
Portsmouth Cotton Oil Refining Corp., Portsmouth, Va.
Proctor & Gamble Co., Gwynne bldg, Cincinnati, O.
Red River Oil Co., Alexandria, La.
Refuge Cotton Oil Co., Vicksburg, Miss.
Richland Cotton Oil Co., Richland, Ga.
Richmond Cotton Oil Co., Memphis, Tenn.
Roberts Cotton Oil Co., Memphis, Tenn.
Rose City Cotton Oil Mill, Little Rock, Ark.
Statesville Cotton Oil Co., Statesville, N. C.
St. Landry Cotton Oil Co., Opelousas, La.
Southern Cotton Oil Co., 120 B'way, New York
Summerville Cotton Oil Co., Summerville, Ga.
Tennessee Cotton Oil Co., Memphis, Tenn.
Thompson Oil Mill Co. Hawkinsville, Ga.
Trinity Cotton Oil Co., Dallas, Tex.
Union Cotton Oil Co., Fitzgerald, Ga.
United Oil Mills, Hope, Ark.
Upson County Oil Mills, Thomaston, Ga.
Villa Rica Cotton Oil Co., Villa Rica, Ga.
Walterboro Cotton Oil Co., Walterboro, S. C.
Walker Bros. Co., Griffin, Ga.
Welch, Holme & Clark Co., 383 West, New York
Winder Oil Mill Co., Winder, Ga.
Winona Oil & Mfg. Co., Winona, Miss.

10296— Oils (Creosote)

Adams Fred C Co., 234 S La Salle, Chicago, Ill.
ALCATRAZ CO., INC., 3200 Williamsburg av, Richmond, Va.
Am. Tar Products Co., 208 S La Salle, Chicago, Ill.
Barrett Co. ("Barrett's"), 17 Battery pl, New York
Bayway Chemical Co., Elizabeth, N. J.
City Gas Co., Norfolk, Va.
Cleveland Cliffs Iron Co. (Wood), Rockefeller bldg., Cleveland, O.
Coal Tar Product Co. ("Stag" Brand), 570 Smith, Brooklyn, N. Y.
Florida Wood Products Co., Jacksonville, Fla.
Fuller Ralph L. & Co., Inc., 2 Rector, New York
See adv index at end of book
General Naval Stores Co. ("Sunny South"), 90 West, New York
Ga. Pine Turpentine Co., 158 Perry, New York
Harshaw, Fuller & Goodwin Co., Cleveland; New York & Philadelphia
Klipstein A. & Co. (Imp.), 644 Greenwich, New York
Lewis F. J. Mfg. Co., 2513 S Robey, Chicago, Ill.
Mashek Chemical & Iron Co., Wells, Mich.
National Aniline & Chemical Co. (Imp.), 21 Burling Slip, New York
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
Pensacola Tar & Turpentine Co. (Wood), Gull Point, Fla.
Semet Solvay Co., Syracuse, N. Y.
Spiritine Chemical Co., Wilmington, N. C.
Standard Chemical Co., Tacoma, Wash.
United Gas Improvement Co., Phila., Pa.
Wilckes, Martin Wilckes Co., 135 William, New York

10297—Oils (Cutting, Drilling & Polishing)

See also Compounds

Anchor Oil & Chemical Co. ("Anchor" Thread Cutting Oils), Cleveland, O.
Bayerson Oil Works ("Emulso" Cutting Oil), Erie, Pa.
Black Warren G. Oil Co. ("Knight Brands" Lard), Century bldg., Cleveland, O.
Borne-Scrymser Co., 80 South, New York
Climax Refining Co. (& Soluble), Williamson bldg, Cleveland, O.
COOK N. B. OIL CO., 148 Front, New York
See adv index at end of book
Crescent Oil Co. ("Aqualene"), 30 Church, New York
Damascus Mfg. Co. ("Diamond"), Cassius av, Cleveland, O.
Emery Mfg. Co., Bradford, Pa.
Empire Oil Works, Oil City, Pa. Works: Reno, Pa.
Farr Mfg. Co. ("Landral"), No. Tonawanda, N. Y.
Gulf Refining Co. (Drilling & Polishing), Frick bldg annex, Pittsburgh, Pa.
Haws Geo. A. ("Marnile"), 135 Front, New York
Houghton E. F. & Co. ("Fileine," "Houghtolard"), 240 W Somerset, Phila., Pa.
Indian Refining Co., 244 Madison av, New York
National Refining Co., Cleveland, O.
Penn American Refining Co., Oil City, Pa.
Penn Oil & Supply Co., Ltd. ("Penn" Brand), Oil City, Pa.
Pennsylvania Paraffine Wks., Titusville, Pa.
Pierce Oil Corp., Bank of Com. bldg, St. Louis, Mo.
Pittsburgh Oil Refining Co., Pittsburgh, Pa.
Pratt B. G. Co. ("Hydroil" Water Oil Cutting Compound), 50 Church, New York
Pure Oil Co., Lafayette bldg, Phila., Pa.
Sibley Soap Co., Franklin, Pa.
Smith, E. A., Hamilton, O.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York
Standard Oil Co. of N. Y. ("Sacony"), 555 W 25th, New York
Star Lubricating Oil Co., 8714 B'way, Cleveland, O.
Sullivan Oil Co. ("Sullivan's Cutting Compounds), 413 Wells, Chicago, Ill.
Talley & Co. ("Talco"), New Richmond, O.
Texas Company, 17 Battery pl, New York
Ulco Oil Co. (Cutting), Detroit, Mich.
Union Petroleum Co., ("Mineral Lard") Widener bldg., Philadelphia, Pa.
Vacuum Oil Co. (Gargoyle, Mobiloils), Rochester, N. Y.
Warren Refining Co., Warren, Pa.
Waverly Oil Works Co., Pittsburgh, Pa.
White & Bagley Co. ("Minolard"), Worcester, Mass.
Young Frank L. Co. ("Youkin"), 111th Purchase, Boston, Mass.

Oils (Cycle)

See Oils, Bicycle & Sewing Machine

Oils (Cylinder)

See Lubricating Oils & Greases

10298— Oils (Dead)

United Gas Improvement Co., Phila., Pa.
Watson H. F. Co. (For Roofing), Erie, Pa.

10299— Oils (Degras)

COOK N. B. OIL CO., 148 Front, New York
See adv index at end of book
Francesconi J. C. & Co. (Imp), 23 Beaver, New York

Oils (Dustlaying)

See Road Binders & Preservatives

Oils (Dynamic)

See Lubricating Oils & Greases

10300— Oils (Emulsion)

Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.
Indian Refining Co., 244 Madison av, New York
Jamaica Dyewood & Chemical Co. ("Howell's No. 50"), 50 Church, New York

Oils (Engine)

See Lubricating Oils & Greases

10301— Oils (Essential)

Apelt-Herrmann (Imp), 76 Wall, New York
Barrett M. L. & Co., 233 W Lake, Chicago, Ill.
Bush W. J. & Co., 100 William, New York
Chiris Antoine Co. (Imported), 20 Platt, New York
Compagnie Morana, 118 E 27th, New York
Commonwealth Chemical Corp., Hoboken, N. J.
Dodge & Olcott Co. (Imported), 87 Fulton, New York
Elson & Brewer (Imp.), 20 Gold, New York
Eng. Skeel Co., 208 Mission, San Francisco, Cal.
Fritzsche Bros. (Imp.), 82 Beekman, New York
Fuerst Bros. & Co. (Imp.), 2 Stone, New York
Gross G. V. & Co. (Imp.), 30 Old Slip, New York
Heine & Co. (Imp.), 7 Platt, New York
Hills Edward Sons & Co. (Imp.), 64 Wall, New York
Hutchinson D. W. (Imp), 94 John, New York
Hymes Bros. Co., 235 Pearl, New York
Innis, Speiden & Co., Inc. (Imp.), 46 Cliff, New York. *See adv index at end of book*
Isenstein Otto & Co. (Imp.), 10 Hubert, New York
Jordan W. H. & P. Jr., Inc. (Imp), 92 Wall, New York
Leerburger Bros., 170 B'way, New York
Lueders Geo. & Co., 218 Pearl, New York
Lyon Julian W. (Imp), 101 Beekman, New York
McKesson & Robbins (Imp.), 91 Fulton, New York
Magnus, Mabee & Reynard, 257 Pearl, New York
Manheimer J. (Imp.), 28 Gold, New York
Muhlethaler Th. Co., 80 John, New York
National Aniline & Chemical Co. (Imp.), 21 Burling Slip, New York
Rockhill & Vietor, 22 Cliff, New York
Roure-Bertrand Fils, 18 Cedar, New York
Stilwell Arthur A. & Co. (Imp.), 28 Cliff, New York
Todd A. M. Co., Kalamazoo, Mich.
Ungerer & Co. (Imp.), 124 W 19th, New York
Wyso Mfg. Co., 3640 20th, San Francisco, Cal.

10301a— Oils (Eucalyptus)

Breslauer A. (Industrial Chemicals), Am. National Bank bldg, San Francisco, Cal.

10301b— Oils (Fish)

See also Oils, Cod

Adams Fred C. Co., 234 S La Salle, Chicago, Ill.
Alexander G. S. & Co., Inc. (Brokers), 61 B'way, New York
See adv index at end of book
Alexander H. T. & Co., 17 Battery pl, New York
Bent James S., 117 First, S. Boston, Mass.
Chadwick & Caffrey, Beaufort, N. C.
Clark Fred G. Co., 1081 W 11th, Cleveland, Ohio
COOK N. B. OIL CO. (Menhaden, Herring, Cod, Dog Fish, Tuna, Shark, etc.), 148 Front, New York
See adv index at end of book
Doane & Bartlett Co., Beaufort, N. C.
Dodd A. W. & Co., Gloucester, Mass.
Fearon, Brown Co. (Imp.), 96 Wall, New York
Frost & Cundill, Inc. (Imp.), 60 Wall, New York
Harshaw, Fuller & Goodwin Co., Cleveland; New York & Philadelphia
Jarecki Chemical Co., Sandusky, Ohio
Klipstein A. & Co., 644 Greenwich, New York
Malone Oil Co., 2197 E 18th, Cleveland, O.
Marden, Orth & Hastings Co., 61 B'way, New York
Norwood Joseph W., Gloucester, Mass.
Nye Wm. F., New Bedford, Mass.
Robinson W. A. & Co. (Sperm, Whale, Menhaden, Sea Elephant, etc), New Bedford, Mass.
Swan Alden S. & Co., 135 Front, New York
Swan & Finch Co. (Sperm, Fish, Whale, Cod, Seal, etc), 165 B'way, New York
Takamine Laboratory Inc. (Imp.), 120 B'way, New York
See adv index at end of book
Tarr Geo. J. Co., Gloucester, Mass.
Young Frank L. Co. ("Youkin"), 111 Purchase, Boston, Mass.

10302— Oils (Floor)

Atlantic Refining Co., 3144 Passyunk av, Philadelphia, Pa.
Borne-Scrymser Co., 80 South, New York
Emery Mfg. Co., Bradford, Pa.
Empire Oil Works, Oil City, Pa.; Works: Reno, Pa.
Hilker Edw. Mop Co. ("Hilker" Antiseptic), 2614 W Grand av, Chicago, Ill.
Hollingshead R. M. Co. ("Whiz"), Camden, N. J.
Indian Refining Co., 244 Madison av, New York
National Refining Co., Cleveland, O.
Pennsylvania Paraffine Wks., Titusville, Pa.
Pierce Oil Corp., Bank of Com. bldg, St. Louis, Mo.
Pittsburgh Oil Refining Co., Pittsburgh, Pa.
Pure Oil Co., Lafayette bldg, Phila., Pa.
Sinclair Refining Co. ("Four Bros."), Albany, N. Y.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York
Star Lubricating Oil Co., 8714 Broadway, Cleveland, O.
Sun Company, Finance bldg, Philadelphia, Pa.
Texas Company, 17 Battery pl, New York
Warren Refining Co., Warren, Pa.
Waverly Oil Works Co., Pittsburgh, Pa.

10302a— *Oils (Flotation)

Florida Wood Products Co., Jacksonville, Fla.
GENERAL NAVAL STORES CO., 90 West, New York
Georgia Pine Turpentine Co., 158 Perry, New York
Kingsport Wood Reduction Co., Kingsport, Tenn.
Pensacola Tar & Turpentine Co., Gull Point, Fla.

10303— Oils (Fusel)

Albany Chemical Co. (Refined), Albany, N. Y.
Amerman & Patterson (Imported), 21 State, New York
Anderson Chemical Co. (Refined), Wallington, N. J.
Bush W. J. & Co. (Refined), 100 William, New York
Franco-American Chemical Co. (Refined), 8 Gold, New York
Harshaw, Fuller & Goodwin Co., Cleveland; New York & Philadelphia
Klipstein A. & Co. (Refined Imp.), 644 Greenwich, New York
McKesson & Robbins (Imp.), 91 Fulton, New York
Maas & Waldstein, 92 William, New York
National Aniline & Chemical Co., 21 Burling Slip, New York
Van Schaack Bros., Chemical Works, 443 3358 Avondale av, Chicago, Ill.
Walthen R. E. & Co., Louisville, Ky.
Western Industries Co., 110 Sutter, San Francisco, Cal.
Wiarda John C. & Co. (Refined Jobbers), 273 Greene, Brooklyn, N. Y.

10304— Oils (Gas & Fuel)

Advance Oil Co. (Fuel), Oil City, Pa.
Associated Oil Co. (Crude Fuel Oil), Sharon bldg, San Francisco, Cal.
Atlantic Refining Co., 3144 Passyunk av, Philadelphia, Pa.
Canfield Oil Co. (Gas), Cleveland, O.
Central Commercial Co. (Fuel), 111 N Market, Chicago, Ill.
Central Refining Co., Lawrenceville, Ill.
Clarendon Refining Co., Clarendon, Pa.
Craig Oil Co., Toledo, O.
Efficiency Oil Corp. ("Efficiency"), 2100 Kienlen av, St. Louis, Mo.
Emery Mfg. Co., Bradford, Pa.
Empire Oil Works, Oil City, Pa.
Freedom Oil Works Co., Freedom, Pa.
Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.
Independent Refining Co. (Ltd.), Oil City, Pa.
Indian Refining Co., 244 Madison av, New York
Interocean Oil Co., 90 West, New York
Kendall Refining Co., Bradford, Pa.
Louisiana Oil Refining Co., Shreveport, La.
Maloney Oil & Mfg. Co., Scranton, Pa.
Manufacturers Paraffine Co., Chester, Pa.
Mills C. E. Oil Co., Syracuse, N. Y.
National Refining Co., Cleveland, O.
Ohio Cities Gas Co., Columbus, O.
Penn American Refining, Co., 244 Madison av, Oil City, Pa.
Pennsylvania Paraffine Works, Titusville, Pa.
Pierce Oil Corp., Bank of Commerce bldg, St. Louis, Mo.
Pittsburgh Oil Refining Co., Pittsburgh, Pa.
Prairie Oil & Gas Co., Independence, Kans.
Prime & Cook Petroleum Co. (Jobbers), 208 S La Salle, Chicago, Ill.
Prudential Oil Corp., 17 Battery pl, New York
Pure Oil Co., Lafayette bldg, Phila., Pa.
Rollin Mfg. Ass'n & Tank Line Co., Chanute, Kans.
Sapulpa Refining Co. (Fuel), Sapulpa, Okla.
Southern Oil Corp., Tulsa, Okla.
Standard Oil Co. of N. J., 26 B'way, New York
Standard Oil Co. of N. Y. ("Sacony"), 555 W 25th, New York
Sun Co., Finance bldg, Phila, Pa.
Sun Company, Finance bldg, Phila., Pa.
Texas Company ("Texaco"), 17 Battery pl, New York
Tidewater Oil Co., 11 B'way, New York
Union Oil Co. of Cal. (Fuel), Union Oil bldg, Los Angeles, Cal.
Union Petroleum Co., Widener bldg., Philadelphia, Pa.
Warren Refining Co., Warren, Pa.
Waverly Oil Works Co., Pittsburgh, Pa.
Western Petroleum Co., 208 S La Salle, Chicago, Ill.
Wypssbrod E. V. & Co., Findlay, O.

Oils (Graphite)

See Lubricating Oils & Greases

10305— Oils (Harness)

See also Dressing

Atlantic Refining Co., 3144 Passyunk av, Philadelphia, Pa.
Baum's Castorine Co. ("Castorine"), Rome, N. Y.
Climax Refining Co., Williamson Bldg, Cleveland, O.
Climax - Western Oil Co. ("Diamond Black"), 2824 10th av S, Minneapolis, Minn.
Commercial Chemical Co. ("X S N C"), 212 Essex, Boston, Mass.
Frazer Lubricator Co., 3921 Normal av, Chicago, Ill.
Freedom Oil Works Co., Freedom, Pa.
Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.
Hollingshead R. M. Co. ("Hollingshead" Dipping & Blacking), Camden, N. J.
Indian Refining Co. 244 Madison av, New York
Miller Frank Co., 349 W 26th, New York
National Refining Co., Cleveland, O.
Pierce Oil Corp., Bank of Commerce bldg, St. Louis, Mo.
Sinclair Refining Co. ("Four Bros."), Albany, N. Y.
Sonneborn L. Sons ("Amalie," also Grease), 262 Pearl, New York

Standard Oil Co. of N. Y. ("Eureka"), 555 W 25th, New York
Star Lubricating Oil Co., 8714 B'way, Cleveland, O.
Texas Company, 17 Battery pl, New York
Vacuum Oil Co. ("Gargoyle," "Mobiloils," "Mobilubricant"), Rochester, N. Y.
World Refining Co., Easton, Pa.

10306— Oils (Headlight)

Atlantic Refining Co., 3144 Passyunk av, **Philadelphia, Pa.**
Crystal Oil Works, Oil City, Pa.
Emery Mfg. Co., Bradford, Pa.
Empire Oil Works, Oil City, Pa.; Works: Reno, Pa.
Freedom Oil Works Co., Freedom, Pa.
Indian Refining Co., 244 Madison av, New York
Galena Signal Oil Co. ("Galena"), Franklin, Pa.
Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.
National Refining Co., Cleveland, O.
Penn American Refining Co., Oil City, Pa.
Pennsylvania Paraffine Works, Titusville, Pa.
Pierce Oil Corp., Bank of Commerce bldg, St. Louis, Mo.
Pittsburgh Oil Refining Co., Pittsburgh, Pa.
Pure Oil Co., Lafayette bldg, Phila., Pa.
Standard Oil Co. of N. Y. ("Sacony"), 555 W 25th, New York
Texas Company, 17 Battery pl, New York
Waverly Oil Works Co., Pittsburgh, Pa.

10307— Oils (Horse)

American Reduction Co., 1942 Forbes, Pittsburgh, Pa.
Chelsea Refining Co., Chelsea, Okla.

10308-9— Oils (Illuminating)

American Oil Works (Ltd.), Titusville, Pa.
Atlantic Refining Co., 3144 Passyunk av, **Philadelphia, Pa.**
Bayerson Oil Works ("Eriolene"), Erie, Pa.
Canfield Oil Co., Cleveland, O.
Clarendon Refining Co., Clarendon, Pa.
Continental Refining Co., Oil City, Pa.
Craig Oil Co., Toledo, O.
Crystal Oil Works, Oil City, Pa.
Emery Mfg. Co., Bradford, Pa.
Empire Oil Works, Oil City, Pa.
Galena-Signal Oil Co., Franklin, Pa.
Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.
Independent Refining Co. (Ltd.), Oil City, Pa.
Indian Refining Co., 244 Madison av, New York
Indian Territory Illuminating Oil Co., Bartlesville, Okla.
Island Petroleum Co., Neville Island, Pittsburgh, Pa.
Loos & Dilworth, 134 S Front, Phila., Pa.
Mills C. E. Oil Co., Syracuse, N. Y.
Mutual Refining Co. (Ltd.), Warren, Pa.
National Refining Co., Cleveland, O.
Paragon Refining Co., Toledo, O.
Penn American Refining Co., Oil City, Pa.
Pennsylvania Paraffine Works, Titusville, Pa.
Pennsylvania Refining Co., Karns City, Pa.
Pierce Oil Corp., Bank of Commerce bldg, St. Louis, Mo.
Pittsburgh Oil Refining Co., Pittsburgh, Pa.
Pure Oil Co., Lafayette bldg, Phila., Pa.
Standard Oil Co. of N. J., 26 B'way, New York
Standard Oil Co. of N. Y. ("Sacony"), 555 W 25th, New York
Texas Co. ("Texaco"), 17 Battery pl, New York
Tidewater Oil Co., 11 B'way, New York
Union Petroleum Co., Widener bldg, Philadelphia, Pa.
United Refining Co., Warren, Pa.
Warren Refining Co., Warren, Pa.
Waverly Oil Works Co., Pittsburgh, Pa.

10310— Oils (Kerosene)

American Oil Works (Ltd.), Titusville, Pa.
Atlantic Refining Co., 3144 Passyunk av, **Philadelphia, Pa.**
Canfield Oil Co., Cleveland, O.
Central Refining Co., Lawrenceville, Ill.
Clarendon Refining Co., Clarendon, Pa.
Columbia Oil Co. of N. Y., 15 William, New York
Consumers Refining Co., 76 W Monroe, Chicago, Ill.
Crystal Oil Works, Oil City, Pa.
Emery Mfg. Co., Bradford, Pa.
Empire Oil Works, Oil City, Pa.; Works: Reno, Pa.
Great Western Oil Co. ("Palacelite"), 2846 E. 37th, Cleveland, O.
Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.
Indian Refining Co., 244 Madison av, New York
Kendall Refining Co., Bradford, Pa.
Louisiana Oil Refining Co., Shreveport, La.
National Refining Co., Cleveland, O.
Ohio Cities Gas. Co., Columbus, O.
Penn American Refining Co., Oil City, Pa.
Pennsylvania Paraffine Works, Titusville, Pa.
Pierce Oil Corp., Bank of Commerce bldg, St. Louis, Mo.
Pittsburgh Oil Refining Co., Pittsburgh, Pa.
Prudential Oil Corp., 17 Battery pl, New York
Pure Oil Co., Lafayette bldg, Phila., Pa.
Southern Oil Corp., Tulsa, Okla.
Standard Oil Co. of N. J. 26 B'way, New York
Standard Oil Co. of N. Y. ("Sacony"), 555 W 25th, New York
Texas Company, 17 Battery pl, New York
Tidewater Oil Co., 11 B'way, New York
Union Oil Co. of Cal., Union Oil bldg, Los Angeles, Cal.
Warren Refining Co., Warren, Pa.
Waverly Oil Works Co., Pittsburgh, Pa.

10311— Oils (Lard)

See also Lubricating Oils & Greases

Adams Fred C. Co., 234 S La Salle, Chicago, Ill.
Alexander H. T. & Co., 17 Battery pl, New York
Cataract Refining & Mfg. Co. (Mineral Lard), Buffalo, N. Y.
COOK N. B. OIL CO., 148 Front, New York
See adv index at end of book
Cooper Sanitary Mfg. Co. (Blended), 34th & Chestnut, Phila., Pa.
Cortland Specialty Co., Cortland, N. Y.
Davies Young Soap Co., Dayton, O.
Great Western Oil Co., 2846 E 37th, Cleveland, O.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Malone Oil Co., 2197 E 18th, Cleveland, O.
Miller Mfg. Co., 668 Eddy, Providence, R. I.
Mills C. E. Oil Co., Syracuse, N. Y.
National Oil & Supply Co. ("Viscos" Mineralized), 180 Freylinghuysen av, **Newark, N. J.**
Nye Wm. F., New Bedford, Mass.
Pacific Coast Beef & Provision Co., Los Angeles, Cal.
Pfau's Geo. Sons Co., Jeffersonville, Ind.
Pierce Oil Corp., Bank of Commerce bldg, St. Louis, Mo.
Sullivan Oil Co., 413 Wells, Chicago, Ill.
Swan Alden S. & Co., 135 Front, New York
Wilson & Co., Union Stock Yards, Chicago, Ill.

10312-3—Oils (Lawn Mower)

Emery Mfg. Co., Bradford, Pa.
Hollingshead R. M. Co. ("Whiz"), Camden, N. J.
Indian Refining Co., 244 Madison av, New York
Nye Wm. F. ("Nyoll"), New Bedford, Mass.
Pittsburgh Oil Refining Co., Pittsburgh, Pa.
Pure Oil Co., Lafayette bldg, Phila., Pa.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York
SUPPLEE-BIDDLE HDW. CO. ("Pennsylvania"), 510 Commerce, Phia., Pa.
See adv index at end of book
Texas Company, 17 Battery pl, New York
Waverly Oil Works Co., Pittsburgh, Pa.

Oils (Linseed)

See Linseed Oil & Cake Mills

Oils (Lubricating)

See Lubricating Oils & Greases

10314— Oils (Lustre)

Houghton E. F. & Co. (For Velvet & Plush Mfgs.), 240 Somerset, Phila., Pa.

10315—Oils (Medicinal Petroleum)

Canfield Oil Co., Cleveland, O.
Union Petroleum Co., ("Litholine"), Widener bldg., Philadelphia, Pa.
Warren Refining Co., Warren, Pa.

10316—Oils (Mineral Seal)

Atlantic Refining Co., 3144 Passyunk av, **Philadelphia, Pa.**
Borne-Scrymser Co., 80 South, New York
Canfield Oil Co., Cleveland, O.
Emery Mfg. Co., Bradford, Pa.
Empire Oil Works, Oil City, Pa., Works, Reno, Pa.
Indian Refining Co., 244 Madison av, New York
Island Petroleum Co., Neville Island, Pittsburgh, Pa.
Malone Oil Co. (Imported Russian), 2197 E 18th, Cleveland, O.
Mutual Refining Co. (Ltd.), Warren, Pa.
Pierce Oil Corp., Bank of Com. bldg., St. Louis, Mo.
Standard Oil Co. of N. Y. ("Sacony"), 555 W 25th, New York
Tidewater Oil Co., 11 B'way, New York
Warren Refining Co., Warren, Pa.

10317—Oils (Miners' Torch)

Atlantic Refining Co., 3144 Passyunk av, **Philadelphia, Pa.**
Borne-Scrymser Co., 80 South, New York
Emery Mfg. Co., Bradford, Pa.
Empire Oil Works, Oil City, Pa.; Works: Reno, Pa.
Gulf Refining Co., Frick bldg Annex, Pittsburgh, Pa.
Independent Refining Co. (Ltd.), Oil City, Pa.
Indian Refining Co., 244 Madison av, New York
National Refining Co., Cleveland, O.
Pennsylvania Parraffine Wks., Titusville, Pa.
Pittsburgh Oil Refining Co., Pittsburgh, Pa.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York
Standard Oil Co. of N. Y. ("Miner's Sunshine"), 555 W 25th, New York
Texas Company, 17 Battery pl, New York
Warren Refining Co., Warren, Pa.
Waverly Oil Works Co., Pittsburgh, Pa.

10318— Oils (Monopole)

Wolf, Jacques & Co. ("Dr. Schmitz's"), Lexington av, Passaic, N. J.

10319— Oils (Neatsfoot)

Adams Fred C. Co., 234 S La Salle, Chicago, Ill.
Baum's Castorine Co., Rome, N. Y.
Consolidated Rendering Co., 40 N Market, Boston, Mass.
COOK N. B. OIL CO., 148 Front, New York
See adv index at end of book
Cooper's Peter Glue Factory, 11th av & 28th, New York
Fiebing Chemical Co. ("Fiebing's"), 240 Reed, Milwaukee, Wis.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Hollingshead R. M. Co. ("Hollingshead"), Camden, N. J.
Indian Refining Co., 244 Madison av, New York
Malone Oil Co., 2197 E 18th, Cleveland, O.
Marden, Orth & Hastings Co., 61 B'way, New York
Nye Wm. F., New Bedford, Mass.
Pacific Coast Beef & Provision Co., Los Angeles, Cal.
Pierce Oil Corp., Bank of Com. bldg, St. Louis, Mo.
Ricard-Brewster Oil Co., 110 Orange, Wilmington, Del.
Swan Alden S. & Co., 135 Front, New York
Swan & Finch Co. (Jobbers), 165 B'way, New York
Walton F. S. Co., Orthodox & Del., Phila., Pa.
Wilson & Co., Union Stocks, Chicago, Ill.

10320— Oils (Neutral)

Advance Oil Co., Oil City, Pa.
Atlantic Refining Co., 3144 Passyunk av, Philadelphia, Pa.
Canfield Oil Co., Cleveland, O.
Emery Mfg. Co., Bradford, Pa.
Empire Oil Works, Oil City, Pa. Works: Reno, Pa.
Kendall Refining Co., Bradford, Pa.
Millers' A. D. Sons Co., Columbus,, O., & Preble, Pittsburgh, Pa.
Muskogee Refining Co., Muskogee, Okla.
Pennsylvania Paraffine Wks., Titusville, Pa.
Standard Oil Co. of N. J., 26 B'way, New York
Tidewater Oil Co., 11 B'way, New York
Warren Refining Co., Warren, Pa.
Waverly Oil Works Co., Pittsburgh, Pa.

10321— Oils (Oleo)

Consolidated Rendering Co., 40 No Market, Boston, Mass.
Pacific Coast Beef & Provision Co., Los Angeles, Cal.
Reardon John & Sons Co., Cambridge, Mass.
Wilson & Co., Union Stock Yards, Chicago, Ill.

10322— Oils (Paint)

Akron Varnish Co., Akron, O.
Alcatraz Co., Inc. ("A. A."), 3200 Williamsburg av, Richmond, Va.
Atlantic Paint Co., Cleveland, O.
Atlas Paint Co., Sharpsburg, Pa.
Ball Chemical Co. ("Oxolin"), Fulton bldg, Pittsburgh, Pa.
Chesapeake Oil Co., Stockholm & Peach alley, Baltimore, Md.
Climax Refining Co., Williamson bldg, Cleveland, O.
Columbia Refining Co. ("Drithinol"), 90 West, New York
COOK N. B. OIL CO., 148 Front, New York
See adv index at end of book
De Bar Co., 1 State, New York
Diamond Oil Co., 52nd & Grays av, Phila., Pa.
Fort Pitt Oil & Paint Co., 3209 Liberty, Pittsburgh, Pa.
Gulf Refining Co., Frick bldg Annex, Pittsburgh, Pa.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Indian Refining Co., 244 Madison av, New York
Kay & Ess Co. ("Datonia"), Dayton, O.
National Refining Co., Cleveland, O.
Pittsburgh Oil Refining Co., Pittsburgh, Pa.
Riesenman Mfg. Co., Franklin, Pa.
Sipe Jas. B. & Co., Bessemer bldg, Pittsburgh, Pa.
Spiritine Chemical Co., Wilmington, N. C.
Sun Company, Finance bldg, Phila., Pa.
Suydam M. B. Co., 61st & Butler, Pittsburgh, Pa.
Texas Company, 17 Battery pl, New York
Union Petroleum Co. ("Union" Film Oil), Widener bldg, Philadelphia, Pa.
Viscol Co. (Condensed Paint & Varnish Oils), Cambridge, Mass.
Waverly Oil Works Co., Pittsburgh, Pa.

10323— Oils (Palm)

Boyer J. R. C., 29 B'way, New York
Doggett Stanley (Imp), 11 Cliff, New York
Drew E. F. & Co. (Imp), 120 Milk, Boston, Mass.
Elbert & Company (Imp), 71 Wall, New York
Fuerst Bros. & Co. (Imp), 2 Stone, New York
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Link David C. & Co. (Imp), Produce Exch, New York
Marden, Orth & Hastings Co. (Imp.), 61 B'way, New York
Merchant & Evans Co., (Imp.), 2035 Washington av, Philadelphia, Pa.
See adv index at end of book
Oil Seeds Co., 35 S William, New York
Pittsburgh Oil Refining Co., Pittsburgh, Pa.
Swan & Finch Co. (Importers), 165 B'way, New York
Welch, Holme & Clark Co., 383 West, New York
Young Frank L. Co. ("Youkin"), 111 Purchase, Boston, Mass.

10324— Oils (Paraffine)

Atlantic Refining Co., 3144 Passyunk av, Philadelphia, Pa.
Borne-Scrymser Co., 80 South New York
Canfield Oil Co., Cleveland, O.
Craig Oil Co., Toledo, O.
Emery Mfg. Co., Bradford, Pa.
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Indian Refining Co., 244 Madison av, New York
Jacobs Chas. W. & Allison (Imp), (Russian & White), 18 Cedar, New York
Manufacturers Paraffine Co., Chester, Pa.
National Refining Co., Cleveland, O.
Pierce Oil Corp., Bank of Com bldg, St. Louis, Mo.
Pure Oil Co., Lafayette bldg, Phila., Pa.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York
Standard Oil Co. of N. J., 26 B'way, New York
Standard Oil Co. of N. Y. ("Socony"), 555 W 25th, New York
Texas Company, 17 Battery pl, New York
Tidewater Oil Co., 11 B'way, New York

10324a— Oils (Peanut)

Adams Fred C. Co., 234 S La Salle, Chicago, Ill.
Bleecker Rutger & Co. (Selling Agents), 87 Wall, New York
Boyer J. R. C., 29 B'way, New York
COOK N. B. OIL CO. (Imported & Domestic), 148 Front, New York
See adv index at end of book
Fidelity Cotton Oil Co., Houston, Tex.
Frost & Cundill, Inc. (Imp.), 60 Wall, New York
Mitsui & Co. (Imp), 65 B'way, New York
Norden A. & Co. (Imp.), Cotton Exch. bldg., New York
Takamine Laboratory, Inc. (Imp), 120 B'way, New York
Trinity Cotton Oil Co., Dallas, Tex.

10324b— Oils (Perilla)

Frost & Cundill, Inc. (Substitute for Linseed Oil. Imp.), 60 Wall, New York
Takamine Laboratory, Inc. (Imp), 120 B'way, New York

10325— Oils (Pine)

See also Oils, Wood

Adams Fred C. Co., 234 S La Salle, Chicago, Ill.
Chesapeake Oil Co., Stockholm & Peach alley, Baltimore, Md.
Forest Products Co. ("Pinoesote"), 1212 Whitney, New Orleans, La.
Florida Wood Products Co., Jacksonville, Fla.
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
GENERAL NAVAL STORES CO., INC. ("Newport"), 90 West, New York
Georgia Lumber & Turpentine Co. (Pure Pine), Cutting, Ga.
Georgia Pine Turpentine Co. of N. Y., 158 Perry, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Newport Turpentine & Rosin Co., Milwaukee, Wis.
Pensacola Tar & Turpentine Co., Gull Point, Fla.
Spiritine Chemical Co., Wilmington, N. C.

10326—Oils (Pine, Creosote)

General Naval Stores Co., Inc. ("Sunny South"), 90 West, New York

10327—Oils (Pipe Threading)

Atlantic Refining Co., 3144 Passyunk av, Philadelphia, Pa.
Climax Refining Co., Williamson bldg, Cleveland, O.
Emery Mfg. Co., Bradford, Pa.
Empire Oil Works, Oil City, Pa.; Works: Reno, Pa.
Hosmer G. A. Co., 375 Ellicott, Buffalo, N. Y.
Pennsylvania Paraffine Wks., Titusville, Pa.
Pierce Oil Corp., Bank of Com bldg, St. Louis, Mo.
Pittsburgh Oil Refining Co., Pittsburgh, Pa.
Pure Oil Co., Lafayette bldg, Phila., Pa.
Standard Oil Co. of N. Y. ("Sacony"), 555 W 25th, New York
Star Lubricating Oil Co., 8714 B'way, Cleveland, O.
Waverly Oil Works Co., Pittsburgh, Pa.

10328— Oils (Pistonite)

National Refining Co., Cleveland, O.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York

10328a— Oils (Putty)

Chicago White Lead & Oil Co., 1454 S Western av, Chicago, Ill.
Crandall E. V. Oil & Putty Co., 1105 Metropolitan av, Brooklyn, N. Y.
Penn & Delaware Oil Co., 90 West, New York
Underhay Oil Co., 73 Batterymarch, Boston, Mass.

10329— Oils (Rapeseed)

Adams Fred C. Co., 234 S. La Salle, Chicago, Ill.
American Trading Co. (Imp.), 25 Broad, New York
COOK N. B. OIL CO. (Importers French Burning, Double Refined, Blown & Crude Rapeseed), 148 Front, New York
See adv index at end of book
Elbert & Company (Imp.), 71 Wall, New York
Frost & Cundill, Inc. (Imp.), 60 Wall, New York
Kellogg Spencer & Sons, Buffalo, N. Y.
Kuh E. S. & Valk Co. (Imported), Produce Exchange, New York
Norden A. & Co. (Imp.), 60 Beaver, New York
Oil Seeds Co., 35 S William, New York
Scheel Wm. H. (Imported), 159 Maiden la, New York
Sheldon G. W. & Co. (Imported), 8 Bridge, New York
Swan Alden S. & Co. (Imported), 135 Front, New York
Swan & Finch Co. (Imported), 165 B'way, New York
Takamine Laboratory, Inc. (Imp), 120 B'way, New York
Vacuum Oil Co. (Imported), Rochester, N. Y.

10330— Oils (Red)

Adams Fred C. Co., 234 S La Salle, Chicago, Ill.
Bosson & Lane (Turkey Red), Atlantic, Mass.
Celina Stearic Acid Co., Celina, O.
Craig Oil Co., Toledo, O.
EMERY CANDLE CO. ("Elaine"), Cincinnati, O.
Emery Mfg. Co., Bradford, Pa.
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
Gross A. & Co., 90 West, New York
Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.
Harding & Fancourt (Turkey Red), 516 S Delaware av, Phila., Pa.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Klipstein A. & Co. (Imp.), 644 Greenwich, New York
Leyland Thos. & Co. (Turkey Red), Readville, Boston, Mass.
Manufacturers Paraffine Co. ("Victor"), Chester, Pa.
National Oil Co. (Turkey Red), Harrison, N. J.
National Refining Co., Cleveland, O.
Pierce Oil Corp., Bank of Com. bldg, St. Louis, Mo.
Pittsburgh Oil Refining Co., Pittsburgh, Pa.
Rub-No-More Co., Ft. Wayne, Ind.
Scheel Wm. H. (Jobber), 159 Maiden la, New York
Scholler Bros. Co. (Turkey Red), 3301 Amber, Phila, Pa.
Shaw John & Co. (Turkey Red), 15 Elkins, S. Boston, Mass.
Siegle G. Co. (Turkey Red, Imp.), Rosebank, S. I., N. Y.
Sonneborn L. Sons ("Amalie," Turkey Red) 262 Pearl, New York
Tidewater Oil Co., 11 B'way, New York

Virginia Products Corp., 3d av & 8th, Baltimore, Md.
Warren Refining Co., Warren, Pa.
Will & Baumer Co., Syracuse, N. Y.
Wolf Jacques & Co., (Turkey Red) Passaic, N. J.

10330a—*Oils (Refined Fusel, Aniline, Creosote, Acetone, Shingle, Dead & Flotation)

Du Pont Chemical Wks., 130 B'way, New York

Oils (Road)

See Road Binders & Preservatives

10331— Oils (Rosin)

Adams Fred C. Co., 234 S La Salle, Chicago, Ill.
Casey Jno. A. Co., 144 Maiden la, New York
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
Fulper Edw. B., Trenton, N. J.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Mills C. E. Oil Co., Syracuse, N. Y.
National Rosin Oil & Size Co., 90 West, New York
Peninsular Naval Stores Co., Jacksonville, Fla.
Sinclair Refining Co. ("Four Bros."), Albany, N. Y.
Southern Oil & Chemical Co., Savannah, Ga.
Stevenson Bro. & Co., 110 Race, Phila., Pa.
Stoll Varnish Co., Louisville, Ky.
Willcox-Ives & Co., Savannah, Ga.

10332— Oils (Rubbing)

Indian Refining Co., 244 Madison av, New York
Texas Company, 17 Battery pl, New York

10333—Oils (Safety Lamp)

Galena-Signal Oil Co., Franklin, Pa.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York

Oils (Screw Cutting)

See Oils, Cutting & Polishing

10334— Oils (Sea Animal)

COOK N. B. OIL CO. (Sperm, Whale, Walrus, Sea Elephant & Seal), 184 Front, New York *See adv index at end of book*

10335— Oils (Seal)

COOK N. B. OIL CO. (Refined Water White, Imp.), 148 Front, New York *See adv index at end of book*
Miller's A. D. Sons Co., Columbus & Preble, Pittsburgh, Pa.

10336— Oils (Sesame)

Jacob Chas. W. & Allison (Imp.), 18 Cedar, New York
Klipstein A. & Co., 644 Greenwich, New York
National Aniline & Chemical Co., Inc., 21 Burling slip, New York
Norden A. & Co. (Imp.), 60 Beaver, New York
Oil Seeds Co., 35 S William, New York

Oils (Sewing Machine)

See Oils, Bicycle & Sewing Machine

10337—Oils (Shingle Stain)

Barclay Naval Stores Co. (Jobbers), 44 Whitehall, New York
Empire Oil Works, Oil City, Pa. Works, Reno, Pa.
General Naval Stores Co. (Inc.), ("Sunny South"), 90 West, New York
Georgia Pine Turpentine Co. of N. Y., 158 Perry, New York
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York

10338— Oils (Signal)

Borne-Scrymser Co., 80 South, New York
Emery Mfg. Co., Bradford, Pa.
Galena-Signal Oil Co. ("Galena"), Franklin, Pa.
Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.
National Refining Co., Cleveland, O.
Pierce Oil Corp, Bank of Com. bldg, St. Louis, Mo.
Pittsburgh Oil Refining Co., Pittsburgh, Pa.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York
Texas Company, 17 Battery pl, New York
Vacuum Oil Co. ("Gargoyle Mobiloils"), Rochester, N. Y.
Warren Refining Co., Warren, Pa.
Waverly Oil Works Co., Pittsburgh, Pa.

10339— Oils (Silk)

Mills C. E. Oil Co., Syracuse, N. Y.
Sonneborn L. Sons ("Amalie" for Textile Use), 262 Pearl, New York

10340— Oils (Skid)

Emery Mfg. Co., Bradford, Pa.
Warren Refining Co., Warren, Pa.

10341— Oils (Soluble)

Advance Oil Co., Oil City, Pa.
American Oil Corp., Jackson, Mich.
Atlantic Refining Co., 3144 Passyunk av, Philadelphia, Pa.
Bayerson Oil Works ("Emulso" Cutting Oil), Erie, Pa.
Black Warren G. Oil Co., Century bldg, Cleveland, O.
Bosson & Lane, Atlantic, Mass.
Canfield Oil Co., Cleveland, O.
Damascus Mfg. Co. ("Damascus"), Cassius av, Cleveland, O.
Fiske Bros. Refining Co., 24 State, New York
Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.
Harding & Fancourt, 516 S Delaware av, Phila., Pa.
Mass & Waldstein Co., 92 William, New York
Moore Oil Co., York & McLean av, Cincinnati, O.
Munroe Robt. A. & Co., 25 Pine, New York
National Oil & Supply Co. ("Viscos"), 174 Freylinghuysen av, Newark, N. J.
National Oil Prducts Co., Harrison, N. J.
Nicol J. M. & J. S., N Paterson, N. J.
Pawtucket Mordant Co., Pawtucket, R. I.
Providence Drysalters Co., East Greenwich, R. I.
Schliemann's Oil & Ceresine Co. (Imp.), 25 Beaver, New York
Shaw John & Co., 15 Elkins, S Boston, Mass.
Sibley Soap Co., Franklin, Pa.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York
Standard Oil Co. of New York, 555 W 25th, New York
Talley Co. ("Talco") New Richmond, O.
Thomsen Chemical Co., Munsey bldg., Baltimore, Md.
Ulco Oil Co., Detroit, Mich.
Wolf Jacques & Co., Passaic, N. J.

10342— Oils (Soya Bean)

Adams Fred C. Co., 234 S La Salle, Chicago, Ill.
American Trading Co. (Imp.), 25 Broad, New York
Ayers, Bridges & Co. (Imp.), 200 Summer, Boston, Mass.
Boyer J. P. C., 29 B'way, New York
Carleton & Moffat (Imp.), 80 Maiden la, New York
COOK N. B. OIL CO. (Imp.), 148 Front, New York *See adv index at end of book*
Elbert & Company (Imp.), 71 Wall, New York
Francesconi J. C. & Co. (Imp.), 23 Beaver, New York
Frost & Cundill, Inc. (Imp.), 60 Wall, New York
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
Gillespie L. C. & Sons (Imp.), 6 Fletcher, New York
Gough Richard & Co. (Imp.), 69 Wall, New York
Gross Otto (Imp.), 66 Beaver, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Jardine, Matheson & Co. (Imp.), 63 Wall, New York
Klipstein A. & Co. (Imp.), 644 Greenwich, New York
Link D. C. & Co. (Imp.), Produce Exchange, New York
Marden, Orth & Hastings Co. (Imp.), 61 B'way, New York
Mitsui & Co. (Imp.), 65 B'way, New York
Norden A. & Co. (Imp.), Cotton Exch. bldg., New York
Oils Seeds Co., 35 S William, New York
Scheel Wm. H. (Imp.), 159 Maiden la, New York
Swan Alden S. & Co. (Imp.), 135 Front, New York
Swan & Finch Co. (Imp.), 165 B'way, New York
Tappenbeck W. (Imp.), 106 Wall, New York
Welch, Holme & Clarke Co., 383 West, New York

10342a— Oils (Sperm)

See also Oils Sperm & Whale, below

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

10343—Oils (Sperm & Whale)

See also Oils, Fish

COOK N. B. OIL CO. (Imp.), 148 Front, New York *See adv index at end of book*
Dodd A. W. & Co., Gloucester, Mass.
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
Nye Wm. F., New Bedford, Mass.
Robinson W. A. & Co., New Bedford, Mass.
Swan & Finch Co. (Jobbers), 165 B'way, New York
Young Frank L. Co. ("Youkin"), 111 Purchase, Boston, Mass.

10344— Oils (Tanners')

COOK N. B. OIL CO., 148 Front, New York *See adv index at end of book*
Houghton E. F. & Co. ("C. L."), 240 W Somerset, Phila., Pa.
Indian Refining Co., 244 Madison av, New York
National Refining Co., Cleveland, O.
Ricard-Brewster Oil Co., 110 Orange, Wilmington, Del.
Sonneborn L. Sons ("Amalie" & Greases), 262 Pearl, New York
Vacuum Oil Co. ("Gargoyle, Mobiloils, Mobilubricant"), Rochester, N. Y.
Warren Refining Co., Warren, Pa.

10345— Oils (Tar)

Adams Fred C. Co., 234 S La Salle, Chicago, Ill.
Florida Wood Products Co., Jacksonville, Fla.
Fuerst Bros. & Co. (Imp.), 2 Stone, New York
GENERAL NAVAL STORES CO. (Inc.), ("Sunny South"), 90 West, New York
Georgia Pine Turpentine Co. of N. Y., 158 Perry, New York
Gulf Refining Co. Frick bldg annex, Pittsburgh, Pa.
Mills C. E. Oil Co., Syracuse, N. Y.
National Refining Co., Cleveland, O.
Pensacola Tar & Turpentine Co., Gull Point, Fla.
Spiritine Chemical Co., Wilmington, N. C.
Standard Turpentine Co., Jacksonville, Fla.

10346— Oils (Tempering)

Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.
Borne-Scrymser Co., 80 South, New York
Climax Refining Co., Williamson bldg, Cleveland, O.
COOK N. B. OIL CO., 148 Front, New York *See adv index at end of book*
Emery Mfg. Co., Bradford, Pa.
Empire Oil Works, Oil City, Pa. Works: Reno, Pa.
Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Houghton E. F. & Co., 240 W Somerset, Phila., Pa.
Indian Refining Co., 244 Madison av, New York
Penn American Refining Co., Oil City, Pa.
Pennsylvania Paraffine Wks., Titusville, Pa.
Pittsburgh Oil Refining Co., Pittsburgh, Pa.
Pure Oil Co., Lafayette bldg, Phila., Pa.
Robinson W. A. & Co. (Sperm & Whale), New Bedford, Mass.
Russia Cement Co., Gloucester, Mass.

OILS (TEMPERING)—continued
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York
Star Lubricating Oil Co., 8714 B'way, Cleveland, O.
Swan & Finch Co., 165 B'way, New York
Texas Company. 17 Battery pl, New York
Warren Refining Co., Warren Pa.
Waverly Oil Works Co., Pittsburgh, Pa.
Young Frank L. Co. ("Youkin"), 111 Purchase, Boston, Mass.
Zurn O. F. Co., Broad & Lehigh, Phila., Pa.

10347— Oils (Tinners')

Chesapeake Oil Co., Stockholm & Peach alley, Baltimore, Md.
Macneal Jas. B. & Co. ("Oriole"), Warner & Wooster, Baltimore, Md.

10348— Oils (Transformer)

Borne-Scrymser Co., 80 South, New York
Climax Refining Co., Williamson bldg, Cleveland, O.
Emery Mfg. Co., Bradford, Pa.
GENERAL ELECTRIC CO. ("Transil"), Schenectady, New York
See adv index at end of book
Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.
Hunt Edward J. ("Hunt" Oil, Dryer & Purifier), 707 Ordway bldg, Newark, N. J.
National Refining Co., Cleveland, O.
Pennsylvania Paraffine Wks., Titusville, Pa.
Pure Oil Co., Lafayette bldg, Phila., Pa.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York
Star Lubricating Oil Co., 8714 B'way, Cleveland, O.
Sun Company, Finance bldg, Phila., Pa.
Texas Company, 17 Battery pl, New York
Tidewater Oil Co., 11 Broadway, New York
Vacuum Oil Co. ("Gargoyle, Mobiloils, Mobilubricants"), Rochester, N. Y.
Warren Refining Co., Warren, Pa.
Waverly Oil Works Co., Pittsburgh, Pa.

10349—Oils (Turbine Engine)

Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.
Borne-Scrymser Co., 80 South, New York
Climax Refining Co., Williamson bldg, Cleveland, O.
Emery Mfg. Co., Bradford, Pa.
Galena-Signal Oil Co., Franklin, Pa.
Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.
Independent Refining Co. (Ltd.), Oil City, Pa.
Indian Refining Co., 244 Madison av, New York
National Refining Co., Cleveland, O.
Penn American Refining Co., Oil City, Pa.
Pennsylvania Paraffine Wks., Titusville, Pa.
Pittsburgh Oil Refining Co., Pittsburgh, Pa.
Pure Oil Co., Lafayette bldg, Phila., Pa.
Star Lubricating Oil Co., 8714 B'way, Cleveland, O.
Texas Company, 17 Battery pl, New York
Tidewater Oil Co., 11 B'way, New York
Vacuum Oil Co. ("Gargoyle, Mobiloils, Mobilubricant"), Rochester, N. Y.
Warren Refining Co., Warren, Pa.
Waverly Oil Works Co., Pittsburgh, Pa.

10350— Oils (Typewriter)

Emery Mfg. Co., Bradford, Pa.
Heale J. A. & Co. ("H. & B."), 96 John, New York
Indian Refining Co., 244 Madison av, New York
Miller-Bryant-Pierce Co. ("Diamond"), Aurora, Ill.
National Refining Co., Cleveland, O.
Nye Wm. F. ("Nyoil"), New Bedford, Mass.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York
Texas Company, 17 Battery pl, New York
Waverly Oil Works Co., Pittsburgh, Pa.

10351— Oils (Valve)

Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.
Borne-Scrymser Co., 80 South, New York
Climax Refining Co., Williamson bldg, Cleveland, O.
Emery Mfg. Co., Bradford, Pa.
Empire Oil Works, Oil City, Pa. Works, Reno, Pa.
Galena-Signal Oil Co., Franklin, Pa.
Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.
Indian Refining Co., 244 Madison av, New New York
Penn American Refining Co., Oil City, Pa.
Pennsylvania Paraffine Wks., Titusville, Pa.
Pittsburgh Oil Refining Co., Pittsburgh, Pa.
Pure Oil Co., Lafayette bldg, Phila, Pa.
Texas Company, 17 Battery pl, New York
Tidewater Oil Co., 11 B'way, New York
Vacuum Oil Co. (Gargoyle, Mobiloils, Mobilubricant), Rochester, N. Y.
Waverly Oil Works Co., Pittsburgh, Pa.

10352— Oils (Vegetable)

Alexander H. T. & Co., 17 Battery pl, New York
COOK N. B. OIL CO. (Imp.) 148 Front, New York *See adv index at end of book*
Corn Products Refining Co. ("Globe," "Diamond," "Mazola" & "Argo"), 17 Battery pl, New York
C. P. N. Chemical Co., Inc. (Jobbers), 78 Reade, New York; 231 West Huron, Chicago, Ill.
Francesconi J. C. & Co. (Imp.), 23 Beaver, New York
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
Fuerst Bros. & Co. (Imp.), 2 Stone, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Knapp Edw. J. Candle Co. (Imp.), Syracuse, N. Y.
Nye Wm. F., New Bedford, Mass.
Oil Seeds Co., 35 S William, New York
Philippine Vegetable Oil Co. (Imp.), 11 B'way, New York
Union Petroleum Co., Widener bldg, Phila., Pa.

Oils Vitriol

See Acid Sulphuric

10353—Oils (Waterproofing)

Waverly Oil Works Co., Pittsburgh, Pa.

10354—Oils (Water-White)

See also Oils, Kerosene

Advance Oil Co., Oil City, Pa.
American Oil Works (Ltd.), Titusville, Pa.
Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.
Canfield Oil Co., Cleveland, O.
Clarendon Refining Co., Clarendon, Pa.
Crew-Levick Co., Land Title bldg., Phila., Pa.
Crystal Oil Works, Oil City, Pa.
Emery Mfg. Co., Bradford, Pa.
Empire Oil Works, Oil City, Pa.
Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.
Independent Refining Co., Ltd., Oil City, Pa.
Indian Refining Co., 214 Madison av, New York
Malone Oil Co. (Mineral), 2197 E 18th, Cleveland, O.
Mutual Refining Co. (Ltd.), Warren, Pa.
National Refining Co., Cleveland, O.
Penn American Refining Co., Oil City, Pa.
Pennsylvania Paraffine Wks., Titusville, Pa.
Pittsburgh Oil Refining Co., Pittsburgh, Pa.
Pure Oil Co., Lafayette bldg, Phila., Pa.
Texas Company, 17 Battery pl, New York
Tidewater Oil Co., 11 Broadway, New York
Union Petroleum Co., Widener bldg, Phila., Pa.
Warren Refining Co., Warren, Pa.

10355-6— Oils (Wood)

See also Oils, Pine

Fuerst Bros. & Co. (Imp.), 2 Stone, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Klipstein A. & Co. (Imp.), 644 Greenwich, New York
Marden, Orth & Hastings Co. (Imp. China), 61 Broadway, New York
Newton Chemical Co., Olean, N. Y.
Norden A. & Co. (Imp. China), Cotton Exch. bldg., New York
Paterson, Boardman & Knapp, 10 Bridge New York
Peabody Henry W. & Co., 17 State, New York
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York

10357—Oils (Wood & Cordage)

Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.
Central Refining Co. (Cordage), Lawrenceville, Ill.
Emery Mfg. Co., Bradford, Pa.
Gulf Refining Co. (Cordage), Frick bldg annex, Pittsburgh, Pa.
Pennsylvania Paraffine Wks., Titusville, Pa.
Penna. & Del. Oil Co. (Cordage), 90 West, New York
Standard Oil Co. of N. Y. ("Sacony"), 555 W 25th, New York
Union Petroleum Co., Widener bldg, Phila., Pa.
Warren Refining Co., Warren, Pa.
Waverly Oil Works Co. (Cordage), Pittsburgh, Pa.

10357a—Oils (Worm Gear)

COOK N. B. OIL CO. ("N. B. C." Brand Castor Worm Gear), 148 Front, New York. *See adv index at end of book*

10358— Oleates

Scheel Wm. H. (Imported), 159 Maiden la, New York

10359— Oleine

Bosson & Lane, Atlantic, Mass.

10360— Oleum

Butterworth-Judson Corp., 61 B'way, New York
Contact Process Co., Buffalo, N. Y.

10361— Onyx Importers

Grace Wm., 123 Liberty, New York
Jackson C. D. & Co., 105th & E R, New York
Tompkins, Kiel Marble Co., 505 5th av, New York

10362— Onyx Workers

Christa Marble Co., Detroit, Mich.
Klaber S. & Co., 21 W 39th, New York
Lautz Co., Buffalo, N. Y.
McGratty & Sons, 313 Butler, Brooklyn, N. Y.
Pickel Marble & Granite Co., 1901 N B'way, St. Louis, Mo.
Standard Marble Works, 706 Front, Cincinnati, O.
Theis Peter Sons, 636 1st av, New York

10363— Openers (Bottle)

Arcade Mfg. Co. ("Champion" Wire Cutter & Crown Seal Remover), Freeport, Ill.
Berk Bros. (Imp.), 543 Broadway, New York
Bullman E. O. Mfg. Co., Grand Rapids, Mich.
Crown Throat & Opener Co. ("Vaughan's Never Chip" Stationary Crown), 711 Fulton, Chicago, Ill.
Erie Specialty Co. ("Quick & Easy"), 520 W 12th, Erie, Pa.
Farrell W. J., 325 Washington, New York
Flagg Stanley G. & Co., Morris bldg, Phila., Pa.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Jenkinson R. C. & Co. (Wire Bottle Cap Removers), 293 Washington, Newark, N. J.
K. & O. Company, 366 Butler, Brooklyn, N. Y.
Morgan Spring Co. ("Eclipse"), Worcester, Mass. *See adv index at end of book*
Reading Saddle & Mfg. Co. (For Cap Bottles), Reading, Pa.
Ryede Specialty Works ("Ideal Crown"), Rochester, N. Y.
Stephens, Windsor & Co. ("Open Close," "Milk Bottle," "Open & Stopper," "Dainty" Cap Remover Handle), Waltham, Mass.

Openers (Box)

See Chisels, Box Openers

10364— Openers (Can)

American Cutlery Co. ("The Only"), 764 Mather, Chicago, Ill.
Andrews Wire & Iron Works ("Chick" "North Pole," "Androck"), Rockford, Ill.
Arcade Mfg. Co. (Steel Blade, Wood Handle), Freeport, Ill.
Bradley & Farnham ("Dandy," "Ever Ready," "Excelsior," "Hercules," "Little Giant," "Peerless"), Middlefield, Conn.
Browne W. G. Mfg. Co. ("The Best"), "None Such," "I. X. L.," "Shear Cut Clipper," "Keen O," etc), Kingston, N. Y.
Browne & Dowd Mfg. Co. ("Never-Slip," "XXX," "Diamond," "Crescent," "Sprague," "King" & "Star," with Corkscrew), Meriden, Conn.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Cassady Fairbank Mfg. Co. ("Supreme," "Buckeye," "Trinity"), 6126 S La Salle, Chicago, Ill.
Crescent Mfg. Co., Fremont, O.
Cronk & Carrier Mfg. Co. ("Perfect"), 150 Lake, Elmira, N. Y.
See adv index at end of book
Dover Stamping & Mfg. Co. ("Never Slip Monarch"), Cambridge, Mass.
Ellis Mfg. Co. ("Dandy," "Ever Ready," "Excelsior," "Hercules," "Little Giant"), Milldale, Conn.
Fischer Bros. & Corwin, 635 N 3d, Newark, N. J.
Fletcher, Terry Co. ("Sprague"), Forestville, Conn.
Goodell Co. ("Acme" & "Ferren" Machines), Antrim, N. H.
Graef & Schmidt ("Twin Brand"), 107 Chambers, New York
Graham John H. & Co. ("Peerless" "Delmonico"), 113 Chambers, New York
Grammes L. F. & Sons, Allentowu, Pa.
See adv index at end of book
Grey Iron Casting Co., Mt. Joy, Pa.
Hamblin & Russell Mfg. Co. ("Ideal"), Worcester, Mass.
Handy Things Mfg. Co. ("Handy"), Ludington, Mich.
Knickerbocker Mfg. Co. ("20th Century"), Belleville, N. J.
Kraeuter & Co., 583 18th av, Newark, N. J.
Landers, Frary & Clark, New Britain, Conn.
Lo Vis Co., Kalamazoo, Mich.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Meisselbach A. F. & Bros., 29 Congress ("Columbia"), Newark, N. J.
Nicol & Co. ("I. X. L."), 218 N Jefferson, Chicago, Ill .
Ontario Knife Co., Franklinville, N. Y.
Osborne C. S. & Co., Harrison, N. J.
Parker Wire Goods Co. ("Ideal"), Worcester, Mass.
Reading Saddle & Mfg. Co. ("Reading") Reading, Pa.
Richard Stephen Co. ("S. R."), Southbridge, Mass.
Rockford Metal Specialty Co. (Rotary Circular), Rockford, Ill.
Rocky Hill Hardware Co., Rocky Hill, Conn.
S. & I. Co., Springfield, Mass.
Sargent & Co., New Haven, Conn.
Schatz Mfg. Co. ("Acme," "Kan Kut"), Poughkeepsie, N. Y.
Sperry & Alexander Co. ("Centaur" Openers & Key Hooks), 79 Chambers, New York
Streeter N. R. & Co. ("Tip-Top," "Streeter's," "New Sprague," "American"), Rochester, N. Y.
Taplin Mfg. Co., New Britain, Conn.
Taylor Mfg. Co. ("Yankee," "Nifty" & "Little Gem" Can & Bottle Opener), Hartford, Conn.
Universal Specialty Co. (Locking), 33 E Kinney, Newark, N. J.
White Ira F. & Son ("Sure Cut," "Woods," "Midget," "Bull Dog" Can & Bottle), Bloomfield, N. J.
Wrightsville Hardware Co. ("Hopper"), Wrightsville, Pa.

10365—Openers (Casement)

Auer John Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.
Ellison Brass Mfg. Co., Jamestown, N. Y.

10366—Openers (Cigar Box)

Amer. Cutlery Co., 764 Mather, Chicago, Ill.
Arcade Mfg. Co., Freeport, Ill.
Duffy Mfg. Co., 214 W Grand av, Chicago, Ill.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Nicol & Co., 218 N Jefferson, Chicago, Ill.
Osborne C. S. & Co., Harrison, N. J.
Stortz John & Son, 210 Vine, Phila., Pa.

Openers (Crate)

See Chisels, Box Openers

10367— Openers (Egg)

Taplin Mfg. Co. ("Champion"), New Britain, Conn.

Openers (Fruit Jar)

See Wrenches, Fruit Jar

10367a—Openers (Garage Door)

Allith Prouty Co., Danville, Ill.
Mechanical Products Co. (Stewart Door Opener & Closer), 537 S Dearborn, Chicago, Ill.

10368— Openers (Letter)

American Cutlery Co., 764 Mather, Chicago, Ill.
Atwater S. I., 101 Lafayette, New York
Benedict Mfg. Co., East Syracuse, N. Y.
Celluloid Co., 36 Wash. pl, New York
Curtis Albert B., Worcester, Mass.
Hart H. C. Mfg. Co., Unionville, Conn.
Lightning Letter Opener Co. ("Lightning"), Rochester, N. Y.
Mihll & Allegretti, Geneva, N. Y.
Mossberg Frank Co. ("Mossberg" Advertising), Attleboro, Mass.
National Cutlery Co. (Nickeled Steel), Westmoreland & Boudinot, Phila., Pa.
Novelty Cutlery Co., Canton, O.
O. K. Mfg. Co. (Ries "O. K."), Syracuse, N. Y.
Simplex Letter Opener Co. (Machine), 258 B'way, New York
Tiley, Pratt Co. (Bone), Essex, Conn.
Wallace R. & Sons Mfg. Co., Walingford, Conn.

10369—Openers (Sash Ventilator for Cars)

See also Adjusters, Casement

Wallace Supplies Mfg. Co. ("Wallace Deck"), 412 Orleans, Chicago, Ill.

10369a—Openers (Spring Leaf)

West Haven Mfg. Co. ("West Haven"), West Haven, Conn.

10370—Opera Chairs & Assembly Seating

Allen Chair Co., Concord Junction, Mass.
American Seating Co., 14 E Jackson blvd, Chicago, Ill.
Andrews A. H. Co., 115 S Wabash av, Chicago, Ill.
Hardesty Mfg. Co., Dover, O.
Harwood's H. J. Sons, 27 Haymarket sq, Boston, Mass.
Heywood Bros. & Wakefield Co., Gardner, Mass.
Minneapolis Office & School Furniture Co., 801 S E 8th, Minneapolis, Minn.
Peabody School Furniture Co., North Manchester, Ind.
Readsboro Chair Co., Readsboro, Vt.
Stafford E. H. Mfg. Co., 218 S Wabash av, Chicago, Ill.

10371— Ophthalmoscopes

Fowler E. S., 31 State, Chicago, Ill.
General Optical Co., 650 E 42d, New York
Spencer Optical Co., 5 Maiden la, New York

10372—Optical Goods Mfrs.

See also Lenses

American Optical Co., Southbridge, Mass.
Bausch & Lomb Optical Co., Rochester, N. Y.
Bay State Optical Co. ("Besto" Gold Filled Eye Glass Frames, Eye Glass Chains, etc), Attleboro, Mass.
Brown D. V., Phila., Pa.
Central Optical Co., Southbridge, Mass.
Crown Optical Co., Rochester, N. Y.
Du Paul, Young Optical Co., Southbridge, Mass.
Empire Optical Co., Rochester, N. Y.
General Optical Co., 50 E 42d, New York
Gundlach-Manhattan Optical Co., Rochester, N. Y.
Hope Bros., Knoxville, Tenn.
Johnston Optical Co., Detroit, Mich.
Kirby G. J. Co., Willimantic, Conn.
Kirstein E. Sons Co., Rochester, N. Y.
Lowres G. J. & Co., 350 Mulberry, Newark, N. J.
Martin-Copeland Co.., Providence, R. I.
Mayer Geo. & Co., Phila., Pa.
Michigan Optical Co., Detroit, Mich.
Mohr R. & Sons, San Francisco, Cal.
New Era Optical Co., Chicago, Ill.
New Jersey Optical Co., Newark, N. J.
Omaha Optical Co., Omaha, Neb.
Optical Specialty Mfg. Co., Southbridge, Mass.
Pennsylvania Optical Co., Reading, Pa.
Reisner W. H. Mfg. Co. (Specialties), Hagerstown, Md.
Spencer Optical Co., 5 Maiden la, New York
Standard Optical Co., Geneva, N. Y.
Western Optical Co., Pacific bldg, San Francisco, Cal.
White-Haines Optical Co., Columbus, O.
Williams Brown & Earle, Philadelphia, Pa.
Willson T. A. & Co., Reading, Pa.

10373—Ordnance (Light & Heavy)

Bethlehem Steel Co. (Of All Calibres), South Bethlehem, Pa.
Colts Patent Fire Arms Mfg. Co. (Rapid Fire Machine Guns), Hartford, Conn.
Driggs Mfg. Corp'n (Rapid Fire Machine Guns), New Haven, Conn.
General Ordnance Co., Derby, Conn.
Marlin Rockwell Corp. (Light), New Haven, Conn.
Maxim Munitions Corpn., Equitable bldg., New York
Midvale Steel & Ordnance Co. (Coast Defense, Field & Naval Guns & Mountings), Widener bldg, Phila., Pa.
Savage Arms Corp. ("Lewis" Machine Guns), Utica, N. Y.
U. S. Machine Gun Co., Meriden, Conn.
Watervliet Arsenal, Watervliet, N. Y.

10374— Ore (Emery)

Lavino E. J. & Co. (Imp.), Bullitt bldg, Phila., Pa.

Ore Trestles & Tipples (Steel)

See Tipples, Mine

10375— Ores (Aluminum)

Aluminum Ore Co., East St. Louis, Ill.
Earle E. P., 165 B'way, New York
Seligman Arthur, 165 B'way, New York

10376— Ores (Antimony)

Beer, Sondheimer & Co., Inc. (Selling Agents), 61 B'way, New York
Earle E. P., 165 B'way, New York
Foote Mineral Co. (Imp.), 107 N 19th, Phila., Pa.
Fuerst Bros. & Co., 2 Stone, New York
Gross Otto (Imp.), 66 Beaver, New York
Philipp Bros. (Imp.), 29 B'way, New York
Seligman Arthur, 165 B'way, New York

10377— Ores (Bauxite)

Harrison Works (Du Pont), 35th & Grays Ferry rd, Phila., Pa.
LEAVITT C. W. & CO., 34 Church, New York *See adv index at end of book*
Lennig Chas. & Co., 112 S Front, Phila., Pa.

10378— Ores (Bismuth)

Earle E. P., 165 B'way, New York
Industrial Minerals Co., Inc., Monadnock bldg, San Francisco, Cal.
Philipp Bros. (Imp.), 29 B'way, New York
Seligman Arthur (Imp), 165 B'way, New York

10379— Ores (Chrome)

American Refractories Co. (Ground), 208 So La Salle, Chicago, Ill.
Belts Anson J. Co., Ashville, N. C.
Daft A. C. (Mfrs.' Agent), Oliver bldg., Pittsburgh, Pa.
DANA & COMPANY, INC., 111 B'way, New York. *See adv index at end of book*
Federal Refractories Co., Cleveland, O.
Foote Mineral Co. (Imp.), 107 N 19th, Phila., Pa.
Harbison-Walker Refractories Co. (For Basic Open-Hearth Furnaces, etc), Farmers' Bank bldg, Pittsburgh, Pa.
Humphreys E. C. Co., Book bldg., Detroit, Mich.
Industrial Minerals Co., Inc., Monadnock bldg, San Francisco, Cal.
Lavino E. J. & Co. (Imp.), Bullitt bldg, Phila., Pa.
LEAVITT C. W. & CO., 34 Church, New York *See adv index at end of book*
SAMUEL FRANK, Harrison bldg, Phila., Pa. *See adv index at end of book*
Tennant C. Sons & Co. of N. Y. (Imp.), 100 William, New York

10380-1— Ores (Copper)

American Metal Co., 61 B'way, New York
Beer, Sondheimer & Co., Inc. (Selling Agents), 61 B'way, New York
Bell Copper Co., Monadnock bldg, San Francisco, Cal.
Cerro Gordo Mines Co., 1st Nat'l Bank bldg, San Francisco, Cal.
Ducktown Sulphur, Copper & Iron Co. (Mattes), Isabella, Tenn.
Earle E. P., 165 B'way, New York
Huff Electrostatic Separator Co. (With Heavy Ganguls), 60 India, Boston Mass.
Irvington Smelting & Refining Works, Irvington, N. J.
LEAVITT C. W. & CO., 34 Church, New York *See adv index at end of book*
Mitsul & Co. (Imp.), 65 B'way, New York
Mountain Copper Co. (Ltd.), 332 Pine, San Francisco, Cal.
North American Copper Co., 52 Vanderbilt av, New York
O'Connor J. J. & Co., Pittsburgh, Pa.
Philipp Bros. (Imp.), 29 B'way, New York
Seligman Arthur, 165 B'way, New York
Stevenson D. S. Co., 1st National Bk. bldg, San Francisco, Cal.
Tottenville Copper Co., Bedell, Tottenville, N. Y.
U. S. Metals Refining Co., 120 B'way, New York
United States Smelting, Refining & Mining Co., 55 Congress, Boston, Mass.
Vogelstein L. & Co., 42 B'way, New York

10382— Ores (Gold)

Irvington Smelting & Refining Works, Irvington, N. J.
LEAVITT C. W. & CO., 34 Church, New York *See adv index at end of book*
Philipp Bros. (Imp.), 29 B'way, New York
U. S. Metals Refining Co., 120 B'way, New York
United States Smelting, Refining & Mining Co., 55 Congress, Boston, Mass.

10383— Ores (Iron)

Addy Matthew Co., 1st Natl. Bank bldg, Cincinnati, O.
Allebheny Ore & Iron Co., Buena Vista, Va.
Beer, Sondheimer & Co., Inc. (Selling Agents), 61 B'way, New York
Belts Anson J. Co., Asheville, N. C.
Benson Mines Co. (Miners), Benson Mines, St. Lawrence Co., N. Y.
Biwabik Mining Co., Youngstown, O.
Breitung E. N. & Co., Cleveland, O.
Brown Mining Co., Cardiff, Tenn.
Cheever Iron Ore Co., Port Henry, N. Y.
Citico Furnace Co., Chattanooga, Tenn.
Cleveland Cliffs Iron Co., Rockefeller bldg, Cleveland, O.
Cornwall Ore Bank Co. (Miners), Cornwall, Pa.
Corrigan, McKinney & Co., Cleveland, O.
Cuyuna Minneapolis Iron Co. (Magoniferous), 514 Plymouth bldg, Minneapolis, Minn.
Davidson Ore Mining Co., White bldg, Buffalo, N. Y.
Debevoise-Anderson Co., 56 Liberty, New York
Dover Iron Co., Bear Spring, Tenn.
Earle E. P., 165 B'way, New York
Empire Steel & Iron Co., Catasauqua, Pa.
Fairbank & Co., Wade bldg, Cleveland, O.
Florence Iron Co. of Wisconsin, 25 Broad, New York
Fort Henry Mining Co., Cleveland, O.
Hanna M. A. & Co., Cleveland, O.
Lafollette Coal & Iron Co., Lafollette, Tenn.
Lake Erie Ore Co., Rockefeller bldg, Cleveland, O.
Le Belle Iron Works, Steubenville, O.
Lea J. Tatnall & Co., St. Girard bldg, Phila., Pa.
LEAVITT C. W. & CO. (Agents), 34 Church, New York *See adv index at end of book*
Loretto Iron Co., 1400 Fulton, Chicago, Ill.
Mahoning Ore & Steel Co., Widener bldg, Phila., Pa.
McKinney Steel Co., Perry Payne bldg, Cleveland, O.
Mineral Mining Co., Milwaukee, Wis.
Napier Iron Works, Nashville, Tenn.
Naylor & Co., 120 B'way, New York
Newport Mining Co., Milwaukee, Wis.
Northern Iron Co., Real Estate bldg, Phila, Pa.
Oglebay, Norton & Co., Wade bldg, Cleveland, O.
Penn Iron Mining Co., Phila., Pa.
Pewabic Co., Milwaukee, Wis.
Pickands, Brown & Co., 332 S. Michigan av, Chicago, Ill.
Pickands, Mather & Co., Western Reserve bldg, Cleveland, O.
Pilling & Crane (Agent), Real Estate bldg, Phila., Pa.
Port Henry Iron Ore Co., 2 Rector, New York
Reserve Mining Co., Cleveland, O.
Rogers-Brown Iron Co., Erie County Bk. bldg, Buffalo, N. Y.
SAMUEL FRANK, Harrison bldg, Phila., Pa. *See adv index at end of book*
Shenango Furnace Co. (Bessemer & Non-Bessemer), Oliver bldg, Pittsburgh, Pa.
Snyder W. P. & Co. (Bessemer & Non-Bessemer), Oliver bldg, Pittsburgh, Pa.
Spring Valley Iron Co., Wellston, O.
Tod-Stambaugh Co., 601 Perry-Payne, Cleveland, O.
Witherbee Sherman & Co., 2 Rector, New York
Wittman N. B. & Co. (Imp. of Spanish Ore), Commercial Trust bldg, Philadelphia, Pa.

10384— Ores (Lead).

Beer, Sondheimer & Co., Inc. (Selling Agents), 61 B'way, New York
Cerro Gordo Mines Co., 1st Natl. Bk. bldg, San Francisco, Cal.
Earle E. P., 165 B'way, New York
Irvington Smelting & Refining Works, Irvington, N. J.
LEAVITT C. W. & CO., 34 Church, New York *See adv index at end of book*
Philipp Bros. (Imp.), 29 B'way, New York
Seligman Arthur, 165 B'way, New York
United States Smelting, Refining & Mining Co., 55 Congress, Boston, Mass.
Vogelstein L. & Co., 42 B'way, New York

10384a— Ores (Lithium)

Foote Mineral Co., 107 N 19th, Phila., Pa.

10385— Ores (Magnesite)

American Refractories Co., 208 So La Salle, Chicago, Ill.
Federal Refractories Co., Cleveland, O.
Foote Mineral Co., 107 N 19th, Phila., Pa.
Harbison-Walker Refractories Co., Farmers' Bank bldg, Pittsburgh, Pa.
Humphreys E. C. Co., Book bldg, Detroit, Mich.

10386— Ores (Manganese)

Beer, Sondheimer & Co., Inc. (Selling Agents), 61 B'way, New York
Belts Anson J. Co., Asheville, N. C.
DANA & COMPANY, INC. (Imp.), 111 B'way, New York
See adv index at end of book
Doggett Stanley (Jobbers), 11 Cliff, New York
Earle E. P., 165 B'way, New York
Foote Mineral Co. (Imp.), 107 N 19th, Phila., Pa.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Humphreys E. C. Co., Book bldg, Detroit, Mich.
Lavino E. J. & Co. (Lump & Ground), Bullitt bldg, Phila., Pa.
LEAVITT C. W. & CO., 34 Church, New York *See adv index at end of book*
Naylor & Co., 120 B'way, New York
SAMUEL FRANK, Harrison bldg, Phila., Pa. *See adv index at end of book*
Seligman Arthur, 165 B'way, New York
Stanby's Creek Manganese & Iron Co. (Miners), Marion, Va.
Tennant C. Sons & Co. of N. Y. (Imp.), 100 William, New York

10387—Ores (Molybdenum)

Earle E. P., 165 B'way, New York
Foote Mineral Co., 107 N 19th, Phila., Pa.
Mineral Product Mfg. Co., Equitable bldg, Wilmington, Del.
Philipp Bros. (Imp.), 29 B'way, New York
Primos Chemical Co., Primos, Pa.
Seligman Arthur, 165 B'way, New York

10388— Ores (Platinum)

Irvington Smelting & Refining Works, Irvington, N. J.
Vogelstein L. & Co., 42 B'way, New York

10389— Ores (Purple)

Pennsylvania Salt Mfg. Co. (In Bulk, Free from Phosphorus, Nodulized Free from Phosphorus), Widener bldg, Phila., Pa.

10390— Ores (Pyrites)

Arminius Chemical Co., 44 Pine, New York
Binswanger H P., 203 B'way, New York
Davis Sulphur Ore Co. (Imp.), 65 Wall, New York
Earle E. P., 165 B'way, New York
International Silica Co., Cairo, Ill.
Lavino E. J. & Co. (Imp.), Bullitt bldg, Phila., Pa.
LEAVITT C. W. & CO., 34 Church, New York *See adv index at end of book*
Lennig Chas. & Co., 112 S Front, Phila., Pa.
Naylor & Co., 120 B'way, New York
Northern Ore Co., Edwards, N. Y.
Rand Consolidated Syndicate, 853 Ellicott sq, Buffalo, N. Y.
St. Lawrence Pyrites Co., De Kalb Junction, N. Y.
Seligman Arthur, 165 B'way, New York

10391— Ores (Red)

Pennsylvania Salt Mfg. Co. (For Gas Purification), Widener bldg, Phila., Pa.

10392— Ores (Silica)

Industrial Minerals Co., Inc., Monadnock bldg, San Francisco, Cal.
International Silica Co., Cairo, Ill.
LEAVITT C. W. & CO., 34 Church, New York *See adv index at end of book*

10392a— Ores (Strontium)

Foote Mineral Co. (Imp.), 107 N 19th, Phila., Pa.

10393— Ores (Sulphur)

Arminius Chemical Co. ("Arminius"), Mineral, Va.
Freeport Sulphur Co., Freeport, Texas
Ledoux Augustus D. (Imp.), 15 William, New York

10393a— Ores (Tantalum)

Foote Mineral Co. (Imp.), 107 N 19th, Phila., Pa.

10393b— Ores (Thorium)

Foote Mineral Co. (Imp.), 107 N 19th, Phila., Pa.

10394— Ores (Tungsten)

American Metal Co., 61 B'way, New York
Atkins, Kroll & Co., 311 California, San Francisco, Cal.
Daft A. C., Oliver bldg, Pittsburgh, Pa.
DANA & COMPANY, INC., 111 Broadway, N. Y. *See adv index at end of book*
Foote Mineral Co. (Imp.), 107 N 19th, Phila., Pa.
Earle E. P., 165 B'way, New York
FOOTE MINERAL CO. (Imp.), 107 N 19th, Phila., Pa.

Industrial Minerals Co., Inc., Monadnock bldg, San Francisco, Cal.
Mineral Product Mfg. Co., Equitable bldg, Wilmington, Del.
Norden A. & Co. (Imp.), 60 Beaver, New York
Philipp Bros. (Imp.), 29 B'way, New York
Seligman Arthur, 165 B'way, New York
Taborga Rafael (Miners & Imp.), 233 B'way, New York
TAISHO TRADING COMPANY (Imp.), 115 B'way, New York
Vogelstein L. & Co., 42 B'way, New York

10395— Ores (Uranium)

Earle E. P., 165 B'way, New York
Foote Mineral Co. (Imp.), 107 N 19th, Phila., Pa.
Philipp Bros. (Imp.), 29 B'way, New York

10396— Ores (Vanadium)

Earle E. P., 165 B'way, New York
Foote Mineral Co. (Imp.), 107 N 19th, Phila., Pa.
Philipp Bros. (Imp.), 29 B'way, New York

10397— Ores (Zinc)

American Metal Co., 61 B'way, New York
American Zinc, Lead & Smelting Co., 120 B'way, New York
Beer, Sondheimer & Co. (Selling Agents), 61 B'way, New York
Cerro Gordo Mines Co., 1st Nat'l Bank bldg, San Francisco, Cal.
Earle E. P., 165 B'way, New York
Federal Mining & Smelting Co., Mullan, Idaho
LEAVITT C. W. & CO., 34 Church, New York *See adv index at end of book*
Northern Ore Co., Edwards, N. Y.
Seligman Arthur, 165 B'way, New York
Wright, Faber & Co., Inc., 100 Hudson, New York

10398— Ores & Mattes

American Metal Co., 61 B'way, New York
Earle E. P., 165 B'way, New York
Philipp Bros. (Imp.), 29 B'way, New York
Vogelstein L. & Co., 42 B'way, New York

10399— Organs

Marked thus (*) indicates Pipe
Marked thus (§) indicates Cabinet Reed

Adler Mfg. Co., Louisville, Ky.
§Aeolin Co., 29 W 42d, New York
*Austin Organ Co. ("Austin"), Hartford, Conn.
Baldwin Co., 142 W 4th, Cincinnati, O.
Bates & Culley, 1827 S 11th, Phila., Pa.
Beckwith Organ Co., Louisville, Ky.
*Bennett Organ Co., Rock Island, Ill.
§Bent Geo. P. Co., 214 S Wabash, Chicago Ill.
§Bilhorn Bros., 136 W Lake, Chicago, Ill.
§Cable Co., 301 S Wabash av, Chicago, Ill.
Cable Piano Co., 137 W 4th, Cincinnati, O.
§Carpenter Co., Brattleboro, Vt.
*Casavant Bros., South Haven, Mich.
§Chase A. B. Co., Norwalk, O.
Chute & Butler Co., Peru, Ind.
Clark, Melville Piano Co., 410 S Michigan av, Chicago, Ill.
§Clough & Warren Co., University bldg, Detroit, Mich.
Coburn Organ Co. (Pipe), 220 N Washtenaw av, Chicago, Ill.
Cole James Co., Melrose, Mass.
*DeCourcy A. B. & Co., 634 Harrison av, Boston, Mass.
Eifert & Stochr, 920 2d av, Long Island City, N. Y.
*Eifler Christopher, Darby, Pa.
Estey Organ Co., Brattleboro, Vt.
*Felgemaker A. B. Erie Organ Co., Erie, Pa.
Foley & Williams Piano Co., 19 W Jackson blvd, Chicago, Ill.
*Haskell Chas. S., 1520 Kater, Phila., Pa.
*Hausmann Otto & Co., 1208 Kinnekinnic, Milwaukee, Wis.
Hillgreen, Lane & Co., Alliance, O.
§Hinners Organ Co., Pekin, Ill.
Hohner M., 114 E 16th, New York
*Hook & Hastings Co., Kendal Green, Mass.
Howard Emmons Organ Co., Westfield, Mass.
§Hughes & Son Piano Mfg. Co., Foxcroft, Me.
Hutchings Organ Co., 18 Tremont, Boston, Mass.
Ingersoll Construction Co., 324 4th av, Pittsburgh, Pa.
Jackson Organ Co., Burlington, Ia.
Jansen & Joosten, Flanagan, Ill.
*Jones David, Jersey City, N. J.
*Kilgen Geo. & Sons, 3825 Laclede av, St. Louis, Mo.
Kimball, Smallman & Frazee Organ Co., 101 B'way Ext., Boston, Mass.
Kimball W. W. Co., 304 S Wabash av, Chicago, Ill.
*§Lyon & Healy, 245 S Wabash av, Chicago, Ill.
Marr-Colton Organ Co., Warsaw, N. Y.
§Mason & Hamlin Co., 492 Boylston, Boston, Mass.
*Midmer Reuben & Son, 375 Fulton, Brooklyn, N. Y.
§Miller Organ & Piano Co., Lebanon, Pa.
§Moller M. P., Hagerstown, Md.
Morey Clarence, E Utica, N. Y.
Needham Piano Co., 520 W. 48th, New York
§Newman Bros. Co., 806 Dix, Chicago, Ill.
*Odell J. H. & C. S. & Co., 409 W 42d, New York
*Odell Wm. H., 407 W 42d, New York
§Packard Piano Co., Fort Wayne, Ind.
Palm E. E., Mount Penn, Pa.
Peterson J. Co., Moline, Ill.
*Pilcher's Henry Sons, Louisville, Ky.
§Putnam W. W. & Co., Staunton, Va.
Reed Geo. W. & Son, West Boylston, Mass.
Schaaf Adam, 700 W Madison, Chicago, Ill.
Schantz A. J. Sons & Co., Orrville, O.
§Schultz M. Co., 711 Milwaukee av, Chicago, Ill.
§Seybold Piano & Organ Co., Elgin, Ill.
Shipman Organ Co., High Point, N. C.
§Shoninger B. Co., New Haven, Conn.
Skinner Ernst M. Co., 215 Sydney, Boston, Mass.
*Smith Organ Co., North Tonawanda, N. Y.
Southern Piano & Organ Co., Houston, Tex.
*Steere John W. & Son Organ Co., Springfield, Mass.
*Stein Adam, 5 N Green, Baltimore, Md.
*§Stevens Organ & Piano Co., Marietta, O.
Swan S. N. & Sons, Freeport, Ill.
*Tellers-Sommerhof Organ Co., Erie, Pa.
*Van Dinter Louis H. & Son, Mishawaka, Ind.
Viner & Son, 30 Lansing, Buffalo, N. Y.
§Votey Organ Co., 29 W 42d, New York
*Votteler Henry J. & Son, 37 Arcade, Cleveland, O.
White A. L. Mfg. Co., 215 Englewood av, Chicago, Ill.
Whitney & Currier Co., Toledo, O.
*Wicks Pipe Organ Co., Highland, Ill.
§Wilcox & White Co., Meriden, Conn.
§Williams Piano & Organ Co., 14 W Washington, Chicago, Ill.
*Wirsching Co., Salem, O.

10400—Organs (Mechanical)

Autophone Co., Ithaca, N. Y.

10401—Organs (Military Band)

Dentzel William H., 3641 Gtn av, Phila., Pa.
Niagara Musical Instrument Co. (Automatic), N Tonawanda, N. Y.
North Tonawanda Musical Instrument Wks., N Tonawanda, N. Y.
Parker C. W., Leavenworth, Kans.
Wurlitzer Rudolph Co., 117 E 4th, Cincinnati, O.

10402—Ornamental Brass & Bronze

Buffalo Wire Works Co., 453 Terrance, Buffalo, N. Y.

10403—Ornaments (Candy & Cake Box)

Grammes L. F. & Sons, Allentown, Pa. *See adv index at end of book*
Ludwig A. & Co., 75 Spring, New York

10404—Ornaments (Clock)

Berbecker & Rowland Mfg. Co. (Brass), Waterville, Conn.

10405-6-7— Ornaments (Composition)

Architectural Decorating Co., 1600 S Jefferson, Chicago, Ill.
Buehner A. Decorators' Supply Co., St. Louis, Mo.
Decorators' Supply Co., Archer av & Leo, Chicago, Ill.
Detroit Decorative Supply Co., Detroit, Mich.
Emmel Chas. & Rose Co. (Papier Mache Compo Staff, Plaster, etc), 383 Albany, Boston, Mass.
Emmel Company, 81 Bristol, Boston, Mass.
Jennens W. H. Co., 1811 Baltimore av, Kansas City, Mo.
Meislahn C. F. & Co., 19 Clay, Baltimore, Md.
Plastic Relief Mfg. Co., 949 N Halsted, Chicago, Ill.
Root C. R., Hartford, Conn.
Schneider F. H., 631 W Belden av, Syracuse, N. Y.
Seifert Frank A. Plastic Relief Co., 2627 Dayton, St. Louis, Mo.
P. B. & H. Moulding Co., Syracuse, N. Y.
Walter G. E., 157 E 44th, New York

Ornaments (Fence)

See Rosettes & Pickets, Iron; also Rosettes & Pickets, Steel

10408—*Ornaments (Gable)

See also Ornaments, Sheet Metal

EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O. *See adv index at end of book*

10409—Ornaments (Harness)

Colgan J. W. Co., Sudbury bldg, Boston, Mass.
Duranoid Mfg. Co. (Rings, Rosettes, etc), 213 Chestnut, Newark, N. J.
Reynold-Zahn Co., 46 Mechanic, Newark, N. J.

10410— Ornaments (Lead)

National Lead Co., 111 B'way, New York
United Lead Co., 111 B'way, New York

10411—Ornaments (Plastic)

Architectural Decorating Co., 1600 S Jefferson, Chicago, Ill.
Berger H. Sons, 346 E 34th, New York
Betkouskie Martin F., Los Angeles, Cal.
Buehner A. Decorators' Supply Co., St. Louis, Mo.
Decorators' Supply Co., Archer av & Leo, Chicago, Ill.
Detroit Decorative Supply Co., Detroit, Mich.
Dini Geo. L., 483 Baltic, Brooklyn, N. Y.
Duchemin Geo. W., 37 Wainwright, Newark, N. J.
Eastman Plastic Relief Co., 23rd & Dickson, St. Louis, Mo.
Emmel Chas. & Rose Co., 383 Albany, Boston, Mass.
Emmel Company, 81 Bristol, Boston, Mass.
Farley W. E. & Bro., 3635 Market, Phila., Pa.
Harnisch Adolph A. (Stucco), Syracuse, N. Y.
Jennens W. H. Co., 1811 Baltimore av, Kansas City, Mo.
Klee-Thomson Co., 327 E 40th, New York
Plastic Relief Mfg. Co., 949 N Halsted, Chicago, Ill.
Root C. R., Hartford, Conn.
P. B. & H. Moulding Co., Syracuse, N. Y.
Schneider F. H., 631 W Belden av, Syracuse, N. Y.
Seifert F. A. Plastic Relief Co., 2627 Dayton, St. Louis, Mo.
Tognarelli & Voigt Co., 1743 N 12th, Phila., Pa.
Walter G. E., 157 E 44th, New York

10412—Ornaments (Post Card)

Grammes L. F. & Sons (Metal), Allentown, Pa. *See adv index at end of book*

10413—Ornaments (Sheet Metal)

Braun J. G., 609 S Paulina, Chicago, Ill.
Broschart & Braun, 601 W 130th, New York
EDWARDS MFG. CO. (Stamped), 545-565 Eggleston av, Cincinnati, O. *See adv index at end of book*
Fargo Cornice & Ornament Co., Fargo, N. D.
Foster Sheet Metal Co., Springfield, Ill.
Frand M. J. & Co., Camden, N. J.
Friedley-Voshardt Co. (Inc.), 733 S Halsted, Chicago, Ill.
Gara, McGinley Co., 23 S 17th, Phila., Pa

ORNAMENTS (SHEET METAL)—cont'd
Gerock Bros. Mfg. Co. (Zinc & Copper), 1252 S Vandeventer av. St. Louis, Mo.
Goshen Cornice Wks., Goshen, Ind.
Hergert Theo. E. (For Cornices, etc), 422 E 53rd. New York
Jones Thos. W., 153 Maiden Lane, New York
Kelly Wm. J., 446 Adelphi, Brooklyn, N. Y.
Michigan Hdw. Co., Grand Rapids, Mich.
Miller & Doing, 60 York, Brooklyn, N. Y.
Milwaukee Corrugating Co., Milwaukee, Wis.
Northwestern Roofing, Cornice & Stamping Works, 1111 S 5th, Minneapolis, Minn.
Penn Metal Ceiling & Roofing Co. (Ltd.), 23d & Hamilton, Phila., Pa.
Phila. Metal Stamping Co., 2215 Chestnut, Phila., Pa.
Porter Iron Roofing & Corrugating Co. (Stamped & Spun), 522 Culvert, Cincinnati, O.
St. Paul Roofing, Cornice & Ornament Co., Wabash & Water, St. Paul, Minn.
Scott Roofing & Mfg. Co. (Standard & Spun), 408 Culvert, Cincinnati, O.
Thoresen Wm., 1916 W North av, Chicago, Ill.
Thorn J. S. Co., 20th & Allegheny av, Phila., Pa.
Weimer C. A., Lorain, O.

10414—Ornaments (Transfer)

Brown-Sinramm Co., 1 W 34th, New York
Decalcomania Co., 20 W Jackson blvd, Chicago, Ill.
Drakenfeld B. F. & Co. (Decalomania Paper), 50 Murray, New York
Meyercord Co. (Inc.) (Decalcomania), Chamber of Commerce, Chicago, Ill.
National Decalcomania Co., 240 N 60th, Phila., Pa.
Palm Bros. Co., Spencer av nr Cleneay, Norwood, Cincinnati, O.
Palm Fechteler & Co., 67 5th av, New York
Towle F. S. Co. (Imp.), 332 B'way, New York
Translucent Window Sign Co. (Imp.), 118 E 28th, New York

10415— Ornaments (Wood)

American Sash & Door Co. (Wholesale Mfrs.), Kansas City, Mo.
Bogert & Hopper, 67 Barclay, New York
Carr, Ryder & Adams Co. (Wholesale Mfrs.), Dubuque, Ia.
Curtis Bros. & Co. (For the Trade Only), Clinton, Ia.
Curtis, Towle & Paine Co. (For the Trade Only), Lincoln, Neb.
Estes E. B. & Sons (Carved, Turned & Grille Works, etc.), 364 5th av, New York *See adv index at end of book*
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Foster-Munger Co. (For the Trade Only), 1404 W 37th, Chicago, Ill.
Hutting Mill Works Co., Kansas City, Mo.
Hyde-Murphy Co., Ridgway, Pa.
Morgan Co. (For the Trade Only), Oshkosh, Wis.
N. Y. Carved Moulding Co., 139th & 3rd av, New York
Ohio Scroll & Lumber Co., Covington, Ky.
Pierce W. E. & Co., Milford, N. H.
Roberts Sash & Door Co. (For the Trade Only), 920 W 20th, Chicago, Ill.
Rowe Henry Mfg. Co. (Rosettes, Carvings, etc), Newaygo, Mich.
Spanjer Bros., Newark, N. J.
STEARNS A. T. LUMBER CO., 100 Taylor, Neponset, Boston, Mass.
See adv index at end of book
Stephenson Mfg. Co., South Bend, Ind.
Waddell Mfg. Co. (Rosettes, Carved, Grilles, etc), Grand Rapids, Mich.

10415a— Orthonitropenol

Rector Chemical Co., Inc., 2 Rector, New York

10416-7— Oscillators

Wolf Co., Chambersburg, Pa.

10418-9— Oscillographs

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

10420—Outfits (Steel Etching)

Sawyer Tool Mfg. Co., Ashburnham, Mass.

10421—Outriggers (Arc Lamp)

Cutter Geo. Co. (Pulleyed, etc), South Bend, Ind.

10422—Oven Builders (Brick & Portable)

Albrecht Francis J. (Brick, Inside Heating, also Continuous), Pittsburgh, Pa.
American Oven & Machine Co. ("Peel," Brick), 111 W Washington, Chicago, Ill.
Bailey G. E. & Sons (Brick), Mansfield, Mass.
Blendinger Fred A. (Brick), 824 O'Hara, Pittsburgh, Pa.
Blodgett G. S. Co. (Portable), Burlington, Vt.
Crandall-Pettee Co. (Portable Reel), 135 Hudson, New York
Duhrkop Oven Co. (Brick), 15 Park Row, New York
Dumbleton Thos. & Son (Brick), 619 Carlton av, Brooklyn, N. Y.
Evans & Eichner ("Willey" Portable), 29 W Lake, Chicago, Ill.
Fish Rotary Oven Co. ("Fish" Rotary Brick & Portable Rotary), Walworth, Wis.
Gorndt C. A. & Co., 189 W Madison, Chicago, Ill.
Griswold Mfg. Co. (Portable), Erie, Pa.
Hall S. L. Co. (Brick), 20 W Jackson blvd, Chicago, Ill.
Hogberg Oven Co., 910 S Michigan av, Chicago, Ill.
Hubbard Portable Oven Co. (Portable), 1130 Belden av, Chicago, Ill.
Ils John G. & Co., 839 Mission, San Francisco, Cal.
Keller A. E. (Portable), 136 Beekman, New York
Kosicky Patent Bake Oven Co. (Brick), 1079 Mt. Ell, Detroit, Mich.
McDowell Oven Co. (Portable), 282 State, Boston, Mass.
Meek Oven Mfg. Co. (Portable Reel), Newburyport, Mass.
Middleby-Marshall Oven Co. (Portable), 769 W Adams, Chicago, Ill.
Petersen Oven Co. (Brick), 112 W Adams, Chicago, Ill.
Reid Portable Oven Co. (Portable), 617 Main, Buffalo, N. Y.
Rinck Chas. & Bro., 826 Oliver, Cincinnati, Ohio
Rinck Jno. G., John, Williams & Colerain, Cincinnati, O.
Roberts Portable Oven Co. ("Black Diamond"), 2024 N Major av, Chicago, Ill.
Rockwell L. A. Co. (Mechanical Reel for Biscuits & Crackers), 430 Smith, Brooklyn, N. Y.
Standard Oven Co. (Brick), Oliver bldg, Pittsburgh, Pa.
Standard Refractories Co., Claysburg, Pa.
Varney Heating & Mfg. Co., Leavenworth, Kan.
Walz Henry J. Co., 72 E Huron, Buffalo, N. Y.
Watkins J. Y. & Son, 16 Catharine, New York
WERNER & PFLEIDERER CO. (Steam Pipe Draw Plate), 1232 N Niagara, Saginaw, Mich.
See adv index at end of book
Williams Oven Mfg. Co. ("Williams" Sectional Brick), 150 Nassau, New York

Ovens (Annealing)

See Furnaces, Annealing & Case Hardening

10423— Ovens (Bread)

Blodgett G. S. Co., Burlington, Vt.
Koven L. O. & Bro. (Broad Proofing), 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Meek Oven Mfg. Co. ("Meek" Gas), Newburyport, Mass.
Oven Equipment & Mfg. Co. ("Crawford" Sectional Continuous Process, Conveyor), New Haven, Conn.
Sloan Novelty Mfg. Co. ("Sloan-Oven" for Biscuits, Cakes, etc), S W cor 20th & Wyandotte, Kansas City, Mo.
WERNER & PLEIDERER CO., 1232 N Niagara, Saginaw, Mich.
See adv index at end of book

10424—Ovens (By-Product, Coke & Gas)

Gas Machinery Co., 1900 Euclid av, Cleveland, Ohio
Koppers H. Co. ("Koppers"), Union Arcade, Pittsburgh, Pa.
Semet-Solvay Co., Syracuse, N. Y.
Stacy Bros. Gas Construction Co., Cincinnati, O.
Wiljutte Coke Oven Corp., 469 5th av, New York

10425—Ovens (Core Baking)

American Gas Furnace Co., 24 John, New York
Atlas Engineering Co., Amherst, O.
See adv index at end of book
Blodgett G. S. Co. (Portable, Galvanized Iron), Burlington, Vt.
Brass Founders' Supply Co. (For Brass Fdrs.), Hamburg pl, Newark, N. J.
BUCKEYE PRODUCTS CO., 919-929 W 5th, Cincinnati, O.
See adv index at end of book
Central Foundry Supply Co., P. O. Box 945, Columbus, O.
Cullen & Atkinson Co. (Revolving), Hartford, Conn.
Foundry Equipment Co. (Molds), 1833 Columbus av, Cleveland, O.
Haarmann G. & Co., Holyoke, Mass.
Halcraft & Lane Co. (Forced Draft), 58 Lafayette blvd, Detroit, Mich.
Koppers B. Co., First Nat'l Bk. bldg, Pittsburgh, Pa.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.
Meek Oven Mfg. Co. ("Meek"), Newburyport, Mass.
Millett Core Oven Co., Springfield, Mass.
Monarch Engineering & Mfg. Co. ("Monarch-Acme", "Monarch-Arundel" & "Monarch Junior"), American bldg., Baltimore, Md.
Ohio Blower Co., 9300 Detroit av, Cleveland, O.
Oven Equipment & Mfg. Co. ("Crawford" Sectional), New Haven, Conn.
Paxson J. W. Co., 1021 N Delaware av, Phila., Pa.
Roberts Portable Oven Co. ("Black Diamond"), 2024 N Major av, Chicago, Ill.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Sly W. W. Mfg. Co., 4700 Train av, Cleveland, O.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.
Wadsworth Core Mach. & Equip Co., Akron, O.
Wellman-Seaver-Morgan Co., Cleveland, O.
Werner & Pfleiderer Co., 1232 N Niagara, Saginaw, Mich.
See adv index at end of book
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.
Woodison E. J. Co., Detroit, Mich.

10425a— *Ovens (Drying)

Gehnrich Indirect Heat Oven Co., 62 Franklin av, Brooklyn, N. Y.
See adv index at end of book

10426— Ovens (Electric)

Consolidated Car Heating Co. (Japanning & Baking), Albany, N. Y.
Despatch Mfg. Co. (For Enamel Baking, Bluing, Annealing, Vulcanizing, etc), 104 2nd, N, Minneapolis, Minn.
Elmer & Amend ("Frease" Electrically Heated), 205 3d av, New York
Emerson Apparatus Co. (Conditioning), 251 Causeway, Boston, Mass.
Fox Electrical Corp., 119 W 42nd, New York
Gehnrich Indirect Heat Oven Co., 62 Franklin av, Brooklyn, N. Y.
See adv index at end of book
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hayes, C. I., 9 King av., Providence, R. I.
International Instrument Co., Cambridge, Mass.
Oven Equipment & Mfg. Co. ("Crawford"), New Haven, Conn.
Prometheus Elec. Co., 511 W 42d, New York
Sargent & Co. E. H., 125 W Lake, Chicago, Ill.

Schaar & Co. ("Hexagon"), 1025 S State, Chicago, Ill.
Simplex Elec. Htg. Co. (Enameling), 85 Sydney, Cambridge, Mass.
Steiner & Co. E. E., 58 Union, Newark, N. J.
Thermo Mfg. Co., Cleveland, O.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Young Bros. Co., Detroit, Mich.

10427— Ovens (Enameling)

American Enamel Co. ("Mascot"), Providence, R. I.
Atlas Engineering Co., Amherst, O.
See adv index at end of book
Blodgett G. S. Co. (Portable Galvanized Iron), Burlington, Vt.
Cullen & Atkinson Co. (Gas or Gasoline), Hartford, Conn.
Despatch Mfg. Co. (Electric), 104 2d, N, Minneapolis, Minn.
Detroit Heating & Lighting Co., Detroit, Mich.
Evans & Eichner ("Enterprise"), 29 W Lake, Chicago, Ill.
Gehnrich Indirect Heat Oven Co. (Sectional Portable), 62 Franklin av, Brooklyn, N. Y.
See adv index at end of book
Maehler Paul Co., 807 W Lake, Chicago, Ill.
Monarch Engineering & Mfg. Co., American bldg, Baltimore, Md.
Oven Equipment & Mfg. Co. ("Crawford" Sectional), New Haven, Conn.
Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*
Steiner E. E. & Co. (Gas), 117-119 N. J. R. R. av, Newark, N. J.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*
U. S. Gas Furnace Co. (Drying or Baking), 46 Clifford, Providence, R. I.
Van Dorn Iron Works Co. (Japan), 2700 E 79th, Cleveland, O.

10428—Ovens (Gas & Oil Stove)

Adler H. Co. ("Acme"), Carnegie, Pa.
Andrews Wire & Iron Works, Rockford, Ill.
Block I. & Son ("Star"), 393 Pearl, New York
Brown Stamping Co., Toledo, O.
Central Oil & Gas Stove Co. ("Florence"), Gardner, Mass.
Clark Geo. M. & Co. ("Jewell"), 179 N Michigan av, Chicago, Ill.
Connolly Mfg. Co. ("Yankee"), 123 Liberty, New York
Detroit Vapor Stove Co., Detroit, Mich.
Duluth Corrugating & Roofing Co., Duluth, Minn.
Enterprise Mfg. & Cons. Co., 1706 Washington av, Kansas City, Mo.
Geisel A. Mfg. Co. ("Ideal," "New Century," "Ozark"), 219 S 2d, St. Louis, Mo.
Grinberg Bros. ("Eagle"), 154 South, New York
Harris J. Co. (Cooking Acetylene), Cleveland, O.
Hillson Hyman M. Co., Somerville, Mass.
Howes S. M. Co. ("Daylight," Glass Door, "Boston"), 42 Union, Boston, Mass.
Huenefeld Co. ("Boss," with Glass Door), Cincinnati, O.
Kimball-Dietrich Hardware Co. ("Elgin"), Elgin, Ill.
Lawson F. H. Co., Cincinnati, O.
Ohio State Stove Co. ("Efficient" Glass Door), Columbus, O.
Reliable Stove Co. ("Reliable"), Cleveland, Ohio
Silver & Co., 304 Hewes, Brooklyn, N. Y.
Sloan Novelty Mfg. Co. ("Sloan"), S W cor 20th & Wyandotte, Kansas City, Mo.
Weiskittel A. & Son Co. ("Fire King" Gas), 12th & E Lombard, Baltimore, Md.
Wheeling Stove & Range Co., Wheeling, W. Va.
Wotherspoon Jas. R., 238 N Front, Phila., Pa.

10429—Ovens (Japanning or Baking)

Blodgett G. S. Co. (Portable Galvanized Iron), Burlington, Vt.
Consolidated Car Heating Co. (Electric), Albany, N. Y.
Despatch Mfg. Co. (Electric), 104 2d, N Minneapolis, Minn.

GEHNRICH
RADIATOR TYPE OVENS
FOR
Japanning, Enameling
Lacquering and Drying
Manufacturers & Patentees
GEHNRICH INDIRECT HEAT OVEN CO., Inc.
62 Franklin Ave., Brooklyn, N. Y.
Sales Office, 17 N. La Salle St., Chicago

Gehnrich Indirect Heat Oven Co. (Sectional Portable), 62 Franklin av, Brooklyn, N. Y.
See adv index at end of book
Griswold Mfg. Co., Erie, Pa.
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Meek Oven Mfg. Co. ("Meek"), Newburyport, Mass.
Monarch Engineering & Mfg. Co., American bldg, Baltimore, Md.
Oven Equipment & Mfg. Co. ("Crawford" Sectional Ovens & Gas Burner; also Conveyor), New Haven, Conn.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Steiner E. E. & Co. (Gas), 117-119 N. J. R. R. av, Newark, N. J.
U. S. Gas Furnace Co., 46 Clifford, Providence, R. I.
Van Dorn Iron Works Co. (Japanning), 2700 E 79th, Cleveland, O.
See adv index at end of book
Werner & Pfleiderer Co., 1232 N Niagara, Saginaw, Mich.

10430-1-2—Ovens (Wire Bluing)

Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.
Turner, Vaughn & Taylor Co., Cuyahoga Falls, O.

Oxide of Antimony

See Antimony Oxide

Oxide of Cobalt

See Cobalt

Oxide of Copper

See Copper Oxide

Oxide of Iridium

See Iridium Oxide

10433— Oxide of Iron

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill,
See adv index at end of book
Atlas Paint Co., Nashville, Tenn.
Avery Chemical Co., Boston, Mass.
Bowker Chemical Co. (For Gas Purification), 2 Rector, New York
CHRYSTAL CHARLES B. (Red, Imp), 13 Cliff, New York
See adv index at end of book
Connelly Iron Sponge & Governor Co. (For Gas Purification), 227 Fulton, New York
Coulston J. W. & Co. (Importers), 80 Maiden Lane, New York
Drakenfeld B. F. & Co. (Red & Black, Imp.), 50 Murray, New York
Fuller Ralph L. & Co., Inc., 2 Rector New York *See adv index at end of book*
Greenpoint Chemical Works (For Gas Purification), 425 Greenpoint av, Brooklyn, N. Y.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Iron Hydroxide Co. (For Gas Purification) Phila., Pa.
Katzenbach & Bullock Co., 100 William, New York
LEAVITT C. W. & CO., 34 Church, New York *See adv index at end of book*
Mepham Geo. S. & Co., 20th & Lynch, E St. Louis, Ill.
Osborn C. J. Co. (Reds, Imp), 132 Nassau, New York
Prince Mfg. Co., 165 B'way, New York
Princes' Metallic Paint Co. ("Genuine," Red, Brown & Black), Allentown, Pa.
Reichard F. A. (Imp.), 85 Barclay, New York
Riches, Piver & Co. (Imp.), 30 Church, New York
Roessler & Hasslacher Chemical Co. 100 William, New York
Scheel Wm. H. (Imp.), 159 Maiden Lane, New York
Smith Alfred, 98 Maiden Lane, New York
Smith J. Lee & Co. (Imp.), 19 Jacob, New York
Waldo E. M. & F. ("Oximony") (Selling Agents), 11 B'way, New York
Western Oxide & Specialty Co. ("Western" for Gas Purification), 2117 S Jefferson, Chicago, Ill.
WESTMORELAND CHEMICAL & COLOR CO. (Pure), 925 Chestnut, Phila., Pa.
Wiarda Jno. C. & Co., 273 Greene, Brooklyn, N. Y.
WILLIAMS C. K. & CO. ("Anchor Brand" Dry), Easton, Pa.

Oxide of Lead

See Litharge

10434-5-6—Oxide of Manganese

Drakenfeld B. F. & Co. (Black, Brown & Recovered, Imp.), 50 Murray, New York
Fuerst Bros. & Co. (Imp.), 2 Stone, New York

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Katzenbach & Bullock Co., 100 William, New York
Nat'l. Lead & Oil Co. (of Pa.), Commonwealth bldg, Pittsburgh, Pa.

OXIDE OF MANGANESE—continued

Roessler & Hasslacher Chemical Co. (Black), 100 William, New York
Scheel Wm. H. (Imp.), 159 Maiden Lane, New York
Tennant C. Sons & Co. of N. Y. (Imp.), 100 William, New York
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

Oxide of Nickel

See Nickel Oxide

Oxide of Silver

See Silver Oxide

10437— Oxide of Tin

Chrystal Chas. B. (Jobber), 13 Cliff, New York *See adv index at end of book*
Feuchtwanger L. & Co., 136 Liberty, New York
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Johnston & Jennings Co., Addison rd & N. Y. C. R. R., Cleveland, O. *See adv index at end of book*
Loraine Smelting & Refining Co., 25 N Dearborn, Chicago, Ill.
Roessler & Hasslacher Chemical Co., 100 William, New York
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

Oxide of Tin Substitute

See Tin Oxide Substitute

Oxide of Uranium

See Uranium Oxide

10438— Oxide of Zinc

American Metal Co., 61 B'way, New York
Ball Bros. Glass Mfg. Co., Muncie, Ind.
Bird J. A. & W. & Co. ("Schmidt & Baus"), 88 Pearl, Boston, Mass.
Chrystal Charles B. (Imp), 13 Cliff, New York *See adv index at end of book*
Coulston J. W. & Co. (Imp), 80 Maiden la, New York
C. P. N. CHEMICAL CO., INC., 78 Reade, New York, & 231 W Huron, Chicago, Ill.
Doggett Stanley, 11 Cliff, New York
Drakenfeld B. F. & Co. (Imp), 50 Murray, New York
Electvolytic Zinc Co., Inc., 3 S William, New York *See adv index at end of book*
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
Gabriel & Schall ("Anchor" Brand, Imp), 295 B'way, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Katzenbach & Bullock Co., 100 William, New York
Mallinckrodt Chemical Wks, 2d & Mallinckrodt, St. Louis, Mo.
Mineral Point Zinc Co., 140 S Dearborn, Chicago, Ill. Works: Mineral Point, Wis.
New Jersey Zinc Co. ("White Seal," "Red "Seal," "Green Seal," "Horsehead," "X X," "Selected," "Lehigh," "Superior," "Standard," "Sterling"), 55 Wall, New York
Roessler & Hasslacher Chemical Co., 100 William, New York
Rolls, H. J., Ellicott bldg, Buffalo, N. Y.
Scheel Wm. H. (Imported), 159 Maiden la, New York
Smith J. Lee & Co. (French Process, Imp), 19 Jacob, New York
Uhlich Paul & Co. (French Process, Imp), 11 Cliff, New York
Whittaker, Clark & Daniels, Inc. (Imp.), 250 Front, New York
Wiarda Jno. C. & Co., 273 Greene, Brooklyn, N. Y.

Oxide (Red)

See Litharge

10439— Oxone

Roessler & Hasslacher Chemical Co. (For Producing Oxygen), 100 William, New York

10440—*Oxy-Acetylene Equipment For Cutting & Welding

Johnson A. W. V., Merchants' Exchange bldg, San Francisco, Cal.
MACLEOD CO., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
MILBURN A. ALEXANDER CO., 1420 W. Baltimore, Baltimore, Md. *See adv index at end of book*

10441— Oxygen

LINDE OXYGEN
FOR
WELDING
CUTTING
CARBON REMOVING
Distributing Stations in Seventy Cities
THE LINDE AIR PRODUCTS CO.
42d St. Bldg., New York City

Air Reduction Sales Co., 120 B'way, New York
American Oxhydric Co., ft 32d, Milwaukee, Wis.
American Oxygen Ass'n, 134 Eliot, Boston, Mass.
American Oxygen Co., 2d & Elm, Cincinnati, O.
Beseler Oxygen Co., 131 E 23d, New York
Bettendorf Oxygen-Hydrogen Co., Bettendorf, Ia.
Bird-Wilcox Co. (Compressed), 71 Walton, Atlanta, Ga.
Braun J. G., 609 S Paulina, Chicago, Ill.
Chicago Calcium Light Co., 178 N Green, Chicago, Ill.
Chicago Oxygen Gas Co., 1742 W Madison, Chicago, Ill.
Commercial Oxygen Co., Fountain & Washington, Baltimore, Md.
Crane Oxygen Wks, 2 W 90th, New York
French F. W. Oxygen Co., 305 26th, Oakland, Cal.
International Oxygen Co. (Also Hydrogen, "I. O. C." System), 115 B'way, New York
K. G. Welding & Cutting Co. (Compressed), 556 W 34th, New York *See adv index at end of book*
LINDE AIR PRODUCTS CO., 42nd St. bldg., New York. *See adv index at end of book*
Logansport Oxygen Co., Loganport, Ind.
Murray Oxygen Co., 449 W 53d, New York
National Oxygen Co., 105 W Monroe, Chicago, Ill.
Roessler & Hasslacher Chemical Co., 100 William, New York
St. Louis Oxygen Co., 2500 Montgomery, St. Louis, Mo.
Standard Oxygen Co., 216 E 42d, New York
Superior Oxygen Co., 113 Plum, St. Louis, Mo.
Swift & Co. (Oxygen Dept), Union Stock Yards, Chicago, Ill.
Tariff Oxygen & Chemical Co., Tariffville, Conn.
Universal Oxygen Co., Sheboygan, Wis.
Western Oxygen & Gas Products Co., 128 W 2d, Los Angeles, Cal.
White S. S. Dental Mfg. Co., 12th & Chestnut, Phila., Pa.

Oxymuriate of Antimony

See Antimony Oxymuriate

10442—Packages (Fruit & Vegetables)

Barden & Robeson Corp., Penn Yan, N. Y.
Baumeister F. & Son, Rockwood, Mich.
Burlington Basket Co. (Double Covered), Burlingon, Ia.
Bryant John T. (Wooden), Springfield, O.
Butler Basket Co. (Bamboo, Splint, etc), Butler, Ind.
Colby-Hinkley Co. (Baskets & Veneers), Benton Harbor, Mich.
Cumberland Fruit Package Co. ("Ewald," Folding), Cumberland, Wis.
Farmers Mfg. Co., Norfolk, Va.
Guile & Windnagle, Penn Yan, N. Y.
Hamper & Basket Mfg. Co., Bridgeton, N. J.
Huke Wm. Rattan & Willow Ware Mfg. Co., 1007 S 7th, St. Louis, Mo.
Marvil Package Co., Laurel, Del.
Moeck & Redmon Basket Mfg. Co., Peru, Ind.
Mullen Bros. Paper Co., St. Joseph, Mich.
New Albany Box & Basket Co. (Splint), New Albany, Ind.
Peru Basket Co. (Bamboo & Splint), Peru, Ind.
Planters Mfg. Co., Portsmouth, Va.
Portville Basket Co., Brockton, N. Y.
Powhatan Basket & Veneer Co. (Wooden Splint, for Shipping), Norfolk, Va.
Pugh Foundry Co., 19 W Levee, Kansas City, Mo.
Sanitary Metal Basket Co., Lafayette, Ind.
Wells-Higman Co. (Also Crates), St. Joseph, Mich.
Yates Lumber Co., Penn Yan, N. Y.

Packers (Cement)

See Packing Machines; also Bag Filling Machines

Packers (Flour, Bran & Feed)

See Packing Machines; also Bag Filling Machines

10443—Packers (Linseed & Cotton-seed Cake)

French Oil Mill Machinery Co., Piqua, O.
Southern Cotton Oil Co., 120 B'way, New York

10444— Packers (Oil Well)

See also Rubber Goods, Mechanical

Dresser S. R. Mfg. Co., Bradford, Pa.
Goodrich B. F. Co., Akron, O.
Hewitt Rubber Co. (Swab Rubbers), Buffalo, N. Y.
Kane Supply Co., Kane, Pa.
Larkin J. J., Bartlesville, Okla.
Larkin & Co., Butler, Pa.
Larkin J. J., Bartlesville, Okla.
McElwaine Mfg. & Auto Co., Bradford, Pa.
Masseth Packer & Machine Works ("Masseth's"), Butler, Pa.
New York Rubber Co., Reade & Church, New York
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Parkersburg Machine Co. ("Parmaco"), Parkersburg, W. Va.
Pennsylvania Rubber Co., Jeannette, Pa.
Pierce Packer Co., Franklin, Pa.
Robinson Packer & Machine Co., Coffeyville, Kans.
Spang & Co., Butler, Pa.

10445— Packers (Shingle)

De Loach Mill Mfg. Co., Bridgeport, Ala.
Lane Mfg. Co., Montpelier, Vt.
Mitts & Merrill, Saginaw, Mich.
Street Bros. Machine Works, Chattanooga, Tenn. *See adv index at end of book*
Trevor Mfg. Co., Lockport, N. Y.

10446—Packers (Sub-Surface)

Dunham Co. (Also Surface), Hippodrome bldg, Cleveland, O.
Parlin & Orendorff Co. ("P. & O"), Canton, Ill.

10447— Packing (Air)

Detroit Leather Specialty Co. (Inc.) ("Wear Well" Leather), 275 Beecher av, Detroit, Mich.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Goetze Gasket & Packing Co. ("Goetze" & "Goetzerit"), New Brunswick, N. J.
McQUAY-NORRIS MFG. CO. ("Leak-Proof" Piston Head), 2808-14 Locust, St. Louis, Mo.
See adv index at end of book
Niagara Falls (Ont) Gasket & Packing Co., Church & Fulton, New York
See adv index at end of book

10448—*Packing (Air Compressor)

Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
McQUAY-NORRIS MFG. CO. ("Leak-Proof"), 2808-14 Locust, St. Louis, Mo.
See adv index at end of book

10449— Packing (Asbestos)

American Asbestos Co. (Metallic Sheet, Asbestos Rod, Ring, Wick, Rope & Braided), Norristown, Pa.
American Steam Packing Co., 191 High, Boston, Mass.
Asbestos Fibre Spinning Co., North Wales, Pa.
Asbestos & Rubber Works of America ("Asbestolith"), 58th & B'way, New York
Asbestos Textile Co., 233 B'way, New York
Austin, Mason & Co., 15 Park row, New York
Boonton Rubber Co. (Hard Rubber & Asbestos Rings), Boonton, N. J.
Carey Philip Mfg. Co. (Asbestos, Air, Ammonia, Hydraulic, Pump, Steam, etc), 330 Wayne av, Lockland, Cincinnati, O.
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Combination Rubber Mfg. Co. (High Pressure), Bloomfield, N. J.
Crandall Packing Co., Palmyra, N. Y.
DANUBIL CO., INC. ("Danubil," "Hudsonil" & "Convention"), Postal Telegraph bldg, New York
Dealers Steam Packing Co., Palmyra, N. Y.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Empire Tire & Rubber Corp. ("Duplex"), East Trenton, N. J.
Essex Rubber Co., Trenton, N. J.
Fibre Rock Mfg. Co., 4566 Silverwood, Phila., Pa.
Franklin Mfg. Co. ("Franklin"), Franklin, Pa.
Garlock Packing Co., Palmyra, N. Y.
GASKET SUPPLY CO. ("Right" Superheat, Asbestos, Metallic & Mill Board), 1927 Ludlow, Phila., Pa.
See adv index at end of book
General Asbestos Rubber Co. ("Garco," "Fibro-Metallic," "Valbestine"), Charleston, S. C.
Gillen-Chamber Co., 66 N Front, Portland, Ore.
Goetze Gasket & Packing Co. ("Goetzerit"), New Bruinswick, N. J.
Goodyear Tire & Rubber Co. ("Everlast"), Akron, O.
Johns H. W.-Manville Co. ("J-M Kearsarge," Asbestos-Metallic Sheet, "J-M Permonite"), Madison av & 41st, New York
Johns-Pratt Co. ("Vulcobeston" Red Fibre, Sheet), Hartford, Conn.
Keasbey & Mattison Co., Ambler, Pa.
Mikesell Bros Co., 176-178 N La Salle, Chicago, Ill.
New Jersey Asbestos Co., 1 Water, New York
Raybestos Co. ("Raybestos"), Bridgeport, Conn.
Standard Asbestos Co., 75 Fulton, New York
STRONG MACHINERY & SUPPLY CO. ("Strong's Tisafine" Grapho Asbestos Valve & Piston & Sheet), 21 Walker, New York. *See adv index at end of book*
Thermoid Rubber Co., Trenton, N. J.
United States Asbestos Co. ("Usaco," "Carbuline"), Lancaster, Pa.
Vulcan Asbestos Mfg. Co., Produce Exchange, New York
Watson H. F. Co., Erie, Pa.
Wing J. T. & Co., 19 Woodward av, Detroit, Mich.
Woven Steel Hose & Rubber Co., Trenton, N. J.

10450—Packing (Asbestos, Metallic, Cloth)

Acme Asbestos Covering & Supply Co., 404 N Ada, Chicago, Ill.
See adv index at end of book
American Asbestos Co., Norristown, Pa.
Asbestos Fibre Spinning Co., North Wales, Pa.
Asbestos & Rubber Works of America, 58th & B'way, New York
Asbestos Textile Co., 233 B'way, New York
Carey Phillip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
GASKET SUPPLY CO. ("Right"), 1927 Ludlow, Phila., Pa.
See adv index at end of book
General Asbestos Rubber Co. ("Garco"), Charleston, S. C.
Johns H. W.-Manville Co., Madison av & 41st, New York
Keasbey & Mattison Co., Ambler, Pa.
U. S. Asbestos Co., Lancaster, Pa.
Watson H. F. Co., Erie, Pa.

10451— Packing Box Mfrs.

ARKANSAS.

MARIANNA—Miller Lumber Co.

CALIFORNIA.

FRESNO—Fresno Flume & Lumber Co.
SAN FRANCISCO—California Pine Box & Lumber Co., 1st Nat'l. Bk. bldg.
Mercantile Box Co., 318 Market
Pacific Box Factory, Beach nr Mason
Standard Box Co., Bryant & Beale
Wood E. K. Lumber Co., 112 Market

COLORADO.

DENVER—Hallack & Howard Lumber Co.

CONNECTICUT.

BRIDGEPORT—Hoffman H. C. & Co.
HARTFORD—Rockwell John W. & Sons Co.
NEW HAVEN—Hubbell & Mervin Co.
McLean Andrew
Sperry & Amos Co.

FLORIDA.

JACKSONVILLE—Cummer Lumber Co.

GEORGIA.

ATLANTA—Hightower Box & Tank Co.
Union Lumber & Box Mfg. Co.
SAVANNAH—Pierpont Mfg. Co.

ILLINOIS.

CHICAGO—Acme Box Co., 1401 W 21st pl
Chicago Mill & Lumber Co., 111 W Washington
Consumers Box Mfg. Co. 925 N Halsted
Excelsior Box Co., 311 S Jefferson
Goodwillie Bros. (Also Wausau, Wis., & Manistique, Mich.), 10 La Salle
Goodwillie D. M. Co. (Pine & Hardwood), 22d & Allport
Herman K. I. Co., 211 W Washington
Hummel & Downing Co., 111 W Washington
Illinois Packing Box Co., 925 W Halsted
Jones, Coates & Bailey, 1014 Hooker
Kurz-Downey Co., Blackhan & N Branch
Lumber Co. (Pine, Hemlock, etc), 2204 Loomis
McNeill, Lauff & McNeill, 925 N Halsted
Monarch Box Co., 925 N Halsted
National Box Co., 38th & Racine av
Paepcke-Leicht Lumber Co., 111 W Washington
Rathborne, Hair & Ridgway Co., 2279 S Union av
Stinson Box Co., 2129 S Peoria
Tegtmeyer Box & Lumber Co., 1828 S Canal
GENEVA—Pope, Cannon Box Co.
HOOPESTON—Moore & McFerren
KARNAK—Main Bros. Box & Lumber Co.
ROCKFORD—Green Bros. Box & Lumber Co.
SPRINGFIELD—Abbott Bros.

INDIANA.

CRAWFORDSVILLE—Crawfordsville Wire & Nail Co.
ELWOOD—Indiana Box Co.
INDIANAPOLIS—Ballweg & Co.
Dietz Fred Co., 1102 Madison av

KANSAS.

KANSAS CITY—Kansas City Packing Box Co.

KENTUCKY.

LOUISVILLE—Booker Box Co.
Mengel Box Co.
MAYFIELD—Mayfield Planing Mills

LOUISIANA.

BONAMI—King-Ryder Lumber Co.
NEW ORLEANS—Alcus S. T. & Co. (Ltd.), Hagan av & New Basin
Globe Packing Box Co., Washington & I. C. R. R. Crossing
Hasam Box Factory, 621 N Rochblave av
Pelican Box Factory, Mire & Julian
Powell Box Co. (Ltd.), Audubon bldg

MAINE.

AUBURN—Conant F. R. Co.
Hutchins H. Wesley Co. (Veneer Boxes)
Page N. L. & Son Co.
BIDDEFORD—Deering J. G. & Son
GREENVILLE—Veneer Products Co.
GUILFORD—Guilford Mfg. Co.
PORTLAND—Brackett J. L. & Co.

MARYLAND.

BALTIMORE—Asendorf Wm. H. & Co., Russell & Stockholm
Becker Bro. & Son, Lexington & Fkd.
Canton Box Co., 2515 Boston
Dreyer H. D. & Co., Aliceanna & Spring
Duker J. H. Box Co., Aliceanna, cor Eden
Fortenbaugh Charles, 636 W Pratt
Louis Henry D., Leadenhall & Ostend
Radecke H. F. & Sons, Bush & Ridgely
Southern Can Co., 717 S Wolfe
Thiemeyer J. H. Co., 901 S Caroline
EAST BROOKLYN—East Brooklyn Box Co.
HURLOCK—Thompson G. A. & Sons

MASSACHUSETTS.

ACUSHNET—Acushnet Saw Mills Co.
AMHERST—Angus Nelson E.
ANDOVER—Hardy & Cole
BEVERLY—Frost Box Co.
BOSTON—Corcoran P. & Son, D. S
Manwell F. P. & Co., 190 A
Snow Abbott L., 406 Border, E B
BROCKTON—Bonney E. L. Box Co.
Woodbridge F. L.
CAMBRIDGE—Page Geo. G. Box Co.
CHELSEA—Atwood & McManus Box Co.
Parsons Mfg. Co.
FALL RIVER—Lunan J. & Sons
Varney Isaac & Sons Co.
FITCHBURG—Cook O. S. & Sons Co.
Priest C. A. Lumber Co.
FOXBORO—Pond Virgil S. Co.
GLOUCESTER—Merchant Box & Cooperage Co.
Perkins Box Co.
GREENFIELD—New England Box Co.
HAVERHILL—Haverhill Box Board Co.
Hayes C. H. Corporation
Island Box Co.
Owens John & Co.
Tapley I. W.
HOLYOKE—Merrick Lumber Co.
LAWRENCE—Dinsmore Geo. W.
Lawrence Lumber Co.
Pingree D. W. Co.
LOWELL—Allen Otis & Son Co.
Cady Geo. L. & Sons
Cheney Frank P.
Cummings F. G.
Davis & Sargent Lumber Co.
MEDWAY—Medway Box Co.
NATICK—Natick Box Co.
NORTH ADAMS—Dibble S. B. Lumber Co.
OXFORD—Chaffee Bros. Co.
PETERSHAM—Carter J. A.
READING—Symonds O. P. & Sons
SALEM—Irving W. A.
SOUTHBRIDGE—Ide Lumber Co.
SPRINGFIELD—West F. M. Box Co.

MASSACHUSETTS—continued
TULLY—Gale Conrad H.
WILLIAMSBURG—Bradford G. M.
WORCESTER—Baker Box Co.
Williams & Bridges Co.

MICHIGAN.

BAY CITY—Bay City Box & Crate Co.
Bradley Miller & Co.
Foss E. B.
Handy Bros.
Nickless W. H.
Vance E. J. Box Co. Ltd.
DETROIT—Backus A. Jr., & Son
Beyster John, 875 Fort W
Grigg-Hanna Co., 1240 Michigan av
Restick Lumber Co., 992 Vinewood av
Weber J. F. & Co., 304 Gratiot av
Yeomans Box Co., 274 Wight
MENOMINEE—Crawford Mfg. Co.
Fisher Box Co.
MUSKEGON—La Belle Box Co.
Langeland Mfg. Co.
SAGINAW—Mershon Eddy Parker Co.
WHITEHALL—Nufer Cedar Co. (Hardwood Boxes & Crates)

MINNESOTA.

DULUTH—Wallinder E. G.
MINNEAPOLIS—Clark J. R. Co., 2d av N & Aldrich
Coffin's Box & Lumber Co., Nicollet Island
ST. PAUL—Minnesota Box Co., 827 Forest
Osgood & Blodgett Mfg. Co., Duluth av & E 7th
Villaume Box & Lumber Co., Chicago, Indiana avs. & Walter

MISSISSIPPI.

HATTIESBURG—Newman J. J. Lumber Co.

MISSOURI.

KANSAS CITY—Chapman & Dewey Lumber Co., Rialto bldg
Forrester-Nace Box Co., 80 Wyoming
Inman Box Co., 2d & Delaware
United Box Mfg. Co., Prospect & Guinotte av
ST. JOSEPH—Letts W. T. Box & Cooperage Co.
ST. LOUIS—Alt Box Mfg. Co., 174 Carroll
Cannon Lumber Co., 5054 Garfield av
Chicago Mill & Lumber Co., 200 Chouteau av
Columbia Box Co., 19th & N Market
Fehlig Bros. Box Mfg. Co., 1909 Wash'n
Gaus Henry & Sons Mfg. Co., N Main & Clinton
Goessling Wm. F. Box Co., Blair av & Mullanphy
Heibel P. & Sons, 1452 S 2d
Loy-Lange Box Co., 3d & Russell
Mengel Box Co., Folsom & Lawrence
Olcott Chas. A. Planing Mill Co., 3300 N B'way
Poorman H. B. Box Mfg. Co., 10th & Howard
St. Louis Box Factory, 721 S 2d
Woods & Down, 13th & Mullanphy
SIKESTON—Baker-Matthews Mfg. Co.

NEBRASKA.

OMAHA—Omaha Box Co.

NEW HAMPSHIRE.

EAST JAFFREY—Stratton C. L.
KEENE—Fowler-Norwood Greene Co.
LISBON—Parker, Young Co.
MANCHESTER—Fellows & Son
Hodge Jeremiah
Smith Box & Lumber Co.
West Side Lumber Co.
MILFORD—Peirce W. E. & Co.
NASHUA—American Box & Lumber Co.
ROCHESTER—Champlin Wm. H.
STATE LINE—Damon Walter S.

NEW JERSEY.

CAMDEN—Coles C. B. & Sons Co.
JERSEY CITY—Dodge & Bliss Co., W End
Vanderbeck & Sons, Green
NEWARK—Doolittle Henry N., 31 Bruen
Ripley D. & Sons, 16 Commercial

NEW YORK.

ALBANY—Draper Henry W.
Romeyn T. F. Co.
BUFFALO—Buffalo Box Factory
Elias G. & Bro., 965 Elk
Graves, Manbert George & Co., ft Hertel av
MacLean Box Factory
Montgomery Bros. & Co.
Niagara Box Co., 820 S Division
Zeis M. & Sons, 200 Cherry
LESTERSHIRE—Lestershire Lumber & Box Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Bossert Louis & Son, 1335 Grand
Burdick L. N.
Eckert John A., 54 Hopkins
Goodman & Gavin, 248 Metropolitan av
Haws William, 154 9th
Reeves George H., 290 Greene
Richards O. S., Inc., 87 34th
Smith E. C., 420 Oakland

Boroughs of Manhattan and Bronx.

NEW YORK—Abbey Frank R., 15 William
Armstrong Eliza J., 489 Washington
Atlantic Box & Lumber Co., 814 E 5th
Bieg Fred Box Co., 40 Gold
Buse Frederick, 1112 1st av
Carroll Box & Lumber Co., 629 E 18th
Dunbar Box & Lumber Co., 282 11th av
Dunning-Varney Corp., 99 Warren
Eckert John A., 314 Pearl
Epstein & Vollweiler, 814 E 5th
ESTES E. B. & SONS (Small), 364 5th av *See adv index at end of book*
Fagan James & Son, 204 W Houston
FitzGerald James H., 417 E 8th
Forest Box & Lumber Co., 4th & E R, New York
Gerow Emma, 450 11th av
Gilmour J. A. Co., 23 Bond
Gottlieb M. & Sons, 20 Clarke
Green A. H. Co., 97 Warren
Greenfield Box Co., 21 Gold
Kidney George, 7 Walker
Manhattan Box Co., 410 E 32d
Merrall F. R. & Co., 505 E 18th
Mitchell & Moffett, 54 Crosby
New England Box Co., Woolworth bldg.
O'Brien & Mosher, 223 Greene
Patterson Thos. G., 637 W 55th
Qua James, 341 W B'way
Rosenthal & Cohen, 53 Great Jones
Ryan M. Packing Box Co., 550 W 29th
Ryan Martin, 132 Mercer
Ryan P., 556 Washington

(End of New York City)

NORTH TONAWANDA—Berry Geo.
White, Gratwick & Mitchell
ROCHESTER—Rochester Box & Lumber Co.
Traders Box & Lumber Co. (Nailed or Dovetailed)
SYRACUSE—Lyons John H., 548 Canal
Markert Mfg. Co.
Piquet Box & Lumber Co.
TONAWANDA—Wilson Lumber & Box Co.

NORTH CAROLINA.

GOLDSBORO—Empire Mfg. Co. (Re-inforced 3-Ply Veneer)
Utility Mfg. Co. (Three-Ply Veneer)
HICKORY—Hutton & Bourbonnais Co.

OHIO.

BARNESVILLE—Hutchinson E. J.
CINCINNATI—Aman & Sandmann, 18 W McMicken av
Anchor Box Co., Western & Section Fairmount
Conkling E. A. Box Co., 2001 Reading rd
Kenker Fred & Sons, 3904 North Bend rd, Cheviot
McWilliams & Schulte, McLean av & Richmond
Queen City Box Co., Wade, Flint & McLean
CLEVELAND—Acme Box & Lumber Co. 3471 E 49th
American Box Co., 1932 W 3d
Cleveland Box Co.
Dunn James Box Co., 1952 W 3d
Forest City Box Co., 723 Stone's Levee
Hahn J. N. Co., Cuyahoga & W 3d
National Box Co.
Saginaw Bay Box Co.
Smeed Box Co., 1878 Scranton rd
Wiggins Fred B.
COLUMBUS—Rood R. A., Buttles av & Factory
DAYTON—Gondert & Lienesch
LAGRANGE—Ryan H. J.
MARTINS FERRY—La Belle Box Co.
SANDUSKY—American Crayon Co., 1300 Hayes av
See adv index at end of book
TOLEDO—Phoenix Box Factory
Western Manufacturing Co.

OREGON.

PORTLAND—Multnomah Lumber & Box Co., Ft. of Bancroft
Standard Box & Lumber Co., 68 E Water

PENNSYLVANIA.

ALLENTOWN—Allentown Packing Box Co.
CHESTER—Hamilton James M.
HAWLEY—Atkinson Box & Lumber Co.
McKEES ROCKS—Russell W. L. Box & Lumber Co.
MONESSEN—Monessen Box Co.
PHILADELPHIA—Carnwath, Bell & Co., 613 Cherry
Carver E. S. & Son, 914 W Westmoreland
Datz Chas F. Co., 482 N 5th
Davidson D. H., 2005 Washn av
Douglass Edwin D., 43 N 5th
Galbraith John (Est. of), 619 Commerce
Henson Edw. F. & Co., 921 N Delaware av
Jones Samuel & Sons, 3207 Sp. Garden
Kees Wm. J., 113 N Orianna
Keystone Box Mfg. Co., 701 E Girard av
Kugler Geo. W. & Sons Co., 921 N Market
McCauley J. & W., 636 Filbert
Martin John, 1432 N 6th
Meisle G. & Bro., 217 New
Mench S. B. & Co., 2031 E Fletcher
Meyer William, 214 Quarry
Orr Wm. L., 1609 S 19th
Pearson Jos. T., 1825 E Boston
Philadelphia Packing Box Co., 2624 American
Provident Lumber Co., Water c Dickinson
Rice T. B. & Sons Co., Mifflin st wharf
Shoemaker's J. B. Sons, Front & E Clearfield
Treen Box Co., Tioga & Memphis
PITTSBURGH—Keystone Box Co., 26th & Liberty av
Kress F. J. Box Co., 2930 Liberty av
READING—Deysher Abner S.
SCRANTON—Newman J. J. Lumber Co.

RHODE ISLAND.

PAWTUCKET—Polsey J. N. & Co.
PROVIDENCE—Darling C. P. Co., 415 Charles
Presbrey A. A. & Son Co., Summer
Providence Box & Lumber Co., 1102 Cranston
Talbot Bros. Co., Grosvenor bldg

TENNESSEE.

CHATTANOOGA—Hamilton Lumber & Box Co.
KNOXVILLE—Holston Box & Lumber Co.
MEMPHIS—Anderson-Tully Co.
Jorgensen-Bennett Mfg. Co.
Moore & McFerren
Morgan-West Box Co.
Three States Lumber Co.
NASHVILLE — Lieberman, Loveman & O'Brien

VERMONT.

BENNINGTON—Bingham J. B.
Evans L. N. & Co.
BURLINGTON—Crane W. & D. G. Co.
Hickok Horatio Co.
Robinson Edwards Lumber Co.
MORETOWN—Ward Lumber Co.
RICHMOND—Richmond Lumber Co.

VIRGINIA.

NORFOLK—American Box & Lumber Co.
Norfolk Veneer Co.
PETERSBURG—Virginia Lumber & Box Co.
RICHMOND—Allegheny Box Co., 601 Byrd
Lea David M. & Co. (Pine), 1928 E Maine
Miller Mfg. Co., 7th & Stockton

WASHINGTON.

GOLDEN DALE—**Cameron J. E.**
SEATTLE—Bennett H. L. Box Factory
Stetson & Post Lumber Co.
SPOKANE—Musser Wm. Lumber & Mfg. Co.
TACOMA—Pacific Box Co.

WEST VIRGINIA.

HUNTINGTON—Beader Box Co.

WISCONSIN.

BEAVER DAM—Beaver Silo & Box Mfg. Co.
CATO—Killen W. N.
EAU CLAIRE—Lindermann Box & Veneer Co.
GRAND RAPIDS—Badger Box & Lumber Co.
JANESVILLE—Magee Bros.
MANITOWOC—Drost H. Box Mfg. Co.
Schnorr Bros. Co.
MARINETTE—Brown-Mitchison Co.
Marinette & Menominee Box Co.
MILWAUKEE—Beck August C. Co., 1-30 East
Hays George W., 228 5th
Kieckhefer Box Co., 16th St. Viaduct
Mueller & Son Co., 361 Canal
National Box Co., 534 American av
OCONTO—Oconto Co.
SUPERIOR—Superior Box Co.
WASHBURN—Kenfield, Lamoreaux Co.
WATERLOO—Neupert & Budwig
WAUKESHA—Waukesha Mfg. Co.
WAUSAU—Goodwillie Bros.
Wausau Box & Lumber Co.
Wisconsin Box Co.

10452—*Packing (Condenser)

WHEELER CONDENSER & ENGINEERING CO. ("Wheeler" Improved), Carteret, N. J. *See adv index at end of book*

10452a—Packing Flange Joints

DOMINION ASBESTOS & RUBBER CORP. ("Darcoid," "Petrolite"), 154 Nassau, New York.
See adv index at end of book

10453— Packing (Flax)

American Steam Packing Co., 191 High. Boston, Mass.
Anchor Packing Co. ("Ankorite"), Lafayette bldg, Phila., Pa.
Bailey John T. Co., Water & Morris. Phila., Pa.
Barbour Flax Spinning Co., Paterson, N. J.
Chesterton A. W. Co. ("Chesterton," "Boston," "Sterling," "Hydraulic"), 64 India, Boston, Mass.
Combination Rubber Mfg. Co. (Standard Square), Bloomfield, N. J.
Crandall Packing Co., Palmyra, N. Y.
DANUBIL CO. INC. ("Danubil," "Hudsonil"), Postal Telegraph bldg, New York
Dealers Steam Packing Co., Palmyra, N. Y.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
General Asbestos Rubber Co. ("Gilt Edge," "Chicora," "Grapho Flop," "Navy," "Communical"), Charleston, S. C.
Hollow Center Packing Co., 608 S Dearborn, Chicago, Ill.
Home Rubber Co., Trenton, N. J.
Jackson Thos. & Son Co., Reading, Pa.
Johnson H. Co. (Beaver," "Merino"), ft. of Gates av, Jersey City, N. J.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
National India Rubber Co., Bristol, R. I.
Rauschenberger John Co., 87 W Water, Milwaukee, Wis.
Robinson & Jans, Winthrop, Minn.
STRONG MACHINERY & SUPPLY CO. ("Strong's Best"), 21 Walker, New York *See adv index at end of book*
Wing J. T. & Co., 19 Woodward av, Detroit, Mich.
Woven Steel Hose & Rubber Co., Trenton, N. J.

10454—Packing (Flexible Fibre)

Austin, Mason & Co., 15 Park Row, New York
BETTES & EBSON, 150 Chambers, New York
See adv index at end of book
Dominion Asbestos & Rubber Corp. ("Darcoid" "Flangetite" "Grafite"), 154 Nassau, New York
See adv index at end of book
Endura Mfg. Co. ("Endura" for Oil & Water), 63d & Reading R. R., Phila., Pa.
Field R. B. & Co. ("Fieldco"), Worcester, Mass.
Gasket Supply Co. ("Right" vello for Oils, Chemicals, and Water), 1927 Ludlow, Phila, Pa.
See adv index at end of book
National Fibre & Insulation Co., Yorklyn, **Del.**
Spaulding J. & Sons Co. (For Oils, Chemicals & Water), P. O. Box 52, Tonawanda, N. Y.
See adv index at end of book

Packing (Hard Fibre)

See Fibre, Hard

10455— Packing (Hemp)

Bailey J. T. Co., Morris & Water, Phila., Pa.
Barbour Flax Spinning Co., Paterson, N. J.
Chelsea Fibre Mills, 212 5th av, New York
Dealers Steam Packing Co., Palmyra, N. Y.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Fitler Edwin H. Co., 517 Arch. Phila., Pa.
Hoover & Allison Co., Xenia, O.
Jackson Thos. & Son Co., Reading Pa.
Peter & Guckenberger, (American & Italian), 1205 Budd, Cincinnati, O.
Plymouth Cordage Co., No. Plymouth, Mass.

10456— Packing (Hoof)

Atkins & Durbrow, 157 Water, New York
Hollingshead R. M. Co., Camden, N. J.

10457—Packing (Hydraulic)

Anchor Packing Co. ("Ankorite" Waterproof, Flexible, Rubber Cushion, Metal Faced, etc), Lafayette bldg, Phila., Pa.
Austin, Mason & Co., 15 Park Row, New York
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Carey Phillip Mfg. Co. (Asbestos), 330 Wayne av, Lockland, Cincinnati, O.
Chesterton A. W. Co. ("Chesterton Hydraulic Flax"), 64 India, Boston, Mass.
Chicago Rawhide Mfg. Co. (Rawhide), 1301 Elston av, Chicago, Ill.
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Combination Rubber Mfg. Co. (Hard & Semi-Hard Rings), Bloomfield, N. J.
Danubil Co., Inc., Postal Telegraph bldg, New York
Dealers Steam Packing Co., Palmyra, N. Y.
Detroit Leather Specialty Co. ("Wear Well" Leather), 275 Beecher av, Detroit, Mich.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Elmes Chas. Engineering Works, Inc., cor Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
Empire Tire & Rubber Corps., East Trenton, N. J.
EMPIRE WEAVING & BELTING CORP., East Rochester, N. Y.
See adv index at end of book
GASKET SUPPLY CO., 1927 Ludlow, Philadelphia, Pa. *See adv index at end of book*
General Asbestos Rubber Co. ("Garco"), Charleston, S. C.
Goetze Gasket & Packing Co. ("Goetze"), New Brunswick, N. J.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Hewitt Rubber Co., Buffalo, N. Y.
Hollow Center Packing Co., 608 S Dearborn, Chicago, Ill.
Home Rubber Co., Trenton, N. J.
Hydraulic Press Mfg. Co., Mt. Gilead, Ohio
Johnson H. Co. ("Sable," "Johnson," "Clay"), ft Gates av, Jersey City, N. J.
Kendrick Valve & Washer Co., Syracuse, N. Y.
Mabbs Hydraulic Packing Co., 431 S. Dearborn, Chicago, Ill.
McQUAY-NORRIS MFG. CO. ("Leak-Proof" Piston Head), 2808-14 Locust, St. Louis, Mo.
See adv index at end of book

METAL PACKING
FOR HYDRAULIC SERVICE
Saves Friction and Tons and Tons of Braided Flax
The Martell Packings Company, Inc.
ELYRIA, OHIO

MARTELL PACKINGS CO., INC., (Metal) Elyria, O. *See adv index at end of book*
Mechanical Rubber Co. (Core, etc.), Cleveland, O.
Michigan Leather Packing Co. (Leather), Detroit, Mich.
Mulconroy Co., 54th & Jefferson, Phila., Pa.
National Leather Mfg. Co. (Rawhide Leather), Niles, Mich.
New York Belting & Packing Co. ("Amazon" Waterproof), 91 Chambers, New York
Rauschenberger John Co., 87 W Water, Milwaukee, Wis.
Schlichter Jute Cordage Co. (Jute Sail Wrapping, Tobacco, etc), 20 N Front, Phila., Pa.
Steel Mill Packing Co., Detroit, Mich.
STRONG MACHINERY & SUPPLY CO. ("Strong's Aquaproof"), 21 Walker New York *See adv index at end of book*
Walker Chas. W. Sons & Co. (Leather), 274 Market, Newark, N. J.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*
Western Rawhide & Belting Co. (Rawhide), **600 So. Pierce, Milwaukee, Wis.**
Whitehead Bros. Rubber Co., Trenton, N. J.
Wolverine Leather Goods Co., Detroit, Mich.
Woven Steel Hose & Rubber Co., Trenton, N. J.

10458—Packing (Hydraulic Metal)

McQUAY-NORRIS MFG CO., ("Leak-Proof" Piston Head), 2808-14 Locust, St. Louis, Mo.
See adv index at end of book
MARTELL PACKINGS CO., INC., Elyria, O. *See adv index at end of book*
NIAGARA FALLS (ONT.) GASKET & PACKING CO., Church & Fulton, New York *See adv index at end of book*

10459—Packing (Journal Box)

Austin, Mason & Co., 15 Park Row, New York
Railway Journal Packing Co., 233 B'way, New York
Wyoming Yarn Co. ("Wypap," Woolen Yarn), Wyoming, R. I.

10460— Packing (Jute)

Allentown Spinning Co., Allentown, Pa.
American Mfg. Co., Noble & West, Brooklyn, N. Y.
Bailey John T. Co., c Water & Morris, Philadelphia, Pa.
Barbour Flax Spinning Co., Paterson, N. J.
Chelsea Fibre Mills, 212 5th av., New York
Dealers Steam Packing Co., Palmyra, N. Y.
Dominion Asbestos & Rubber Corp, 154 Nassau, New York
See adv index at end of book
Hollow Center Packing Co., 608 S Dearborn, Chicago, Ill.
Hooven & Allison Co., Xenia, O.
Jackson Thos. & Son Co., Reading, Pa.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
Peter & Guckenberger, 1205 Budd, Cincinnati, O.
Rauschenberger John. Co., 87 W Water, Milwaukee, Wis.
Schlichter Jute Cordage Co., 20 N Front, Phila., Pa.
Stratford Geo. Oakum Co., Cornelison av, Jersey City, N. J.
STRONG MACHINERY & SUPPLY CO. ("Strong's" Round Twist Jute), 21 Walker, New York
See adv index at end of book
Winne F. W. & Son (Tarred & Untarred), 237 Market, Phila., Pa.

10461— Packing (Leather)

Auburn Leather Goods Co., Auburn, N. Y.
Barwood L. J. Co. ("Barwood"), Stoneham Station, Boston, Mass.
See adv index at end of book
Chicago Rawhide Mfg. Co. ("Krome"), 1301 Elston av, Chicago, Ill.
Detroit Leather Specialty Co. ("Wear Well," Hydraulic Leather), 275 Beecher av, Detroit, Mich.
Dominion Asbestos & Rubber Corp, 154 Nassau, New York
See adv index at end of book
Dragon Mfg. Co., Marietta, Ohio
Field R. B. & Co. ("Fieldco"), Worcester, Mass.
Graton & Knight Mfg. Co. (Mfrs.), 247 Mission, San Francisco, Cal. & Worcester, Mass. *See adv index at end of book*
Houghton E. F. & Co. (Hydraulic "Vim"), 240 W Somerset, Phila., Pa.
Judd & Leland Mfg. Co., Clifton Springs, N. Y.
Kendrick Valve & Washer Co., Syracuse, N. Y.
Marsh Chas. W., Muskegon, Mich.
Michigan Leather Packing Co. ("High Grade"), Detroit, Mich.
National Leather Mfg. Co. (Rawhide), Niles, Mich.
Niagara Falls (Ont.) Gasket & Packing Co., Church & Fulton, New York
See adv index at end of book
Robertson Jno. & Co. (Hydraulic), 138 Water, Brooklyn, N. Y.
STRONG MACHINERY & SUPPLY CO. ("Strong's"), 21 Walker, New York
See adv index at end of book
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*
Wolverine Leather Goods Co., Detroit, Mich.

10462—Packing (Locomotive Rod)

Austin, Mason & Co., 15 Park Row, New York

LOCOMOTIVE ROD PACKING
We Hold the Record for Mileage With Superheated Steam
The Martell Packings Company, Inc.
ELYRIA, OHIO

MARTELL PACKINGS CO. INC., Elyria, Ohio *See adv index at end of book*

10463— Packing Mfrs.

See also Belting & Belt Appliances; also Mill & Factory Supplies; also Mineral Wool; also Pipe & Boiler Coverings, various kinds; also Waste, Cotton & Wool Mfrs.

CALIFORNIA.

SAN FRANCISCO—Bowers Rubber Works ("Dodds," "Victor," "Sunset," "Seal Rock," "Bay City," "Plumbesto," Native," "Red Sunset," "Guardian," "Victor," "Golden Gate," "Seal Rock," "Reliance & Skookum" Diagonal Cross Expansion Piston Rod), 68 Sacramento
Cook H. N. Belting Co. ("Palmetto" Twist, all Asbestos), 401 Howard
Garrett-Callahan Co. ("Swart's"), 30 Fremont
Squires & Byrne Rubber Co. ("Comet," "Vesuvius," "Squires," "Ajax" Boiler Gasket)

CONNECTICUT.

HARTFORD—Johns-Pratt Co., The ("Vulcabeston," Round or Flat, for Steam, Water, Gas & Acids, "Vulcabeston," Asbestos Rope, "Vulcabeston Red Fibre" Asbestos, Air, Hot Water, Steam, Ammonia, Acid & Alkali)

DELAWARE.

WILMINGTON—**DELAWARE HARD FIBRE CO.** (Vulcanized Fibre). Works: Marshallton, Del.
See adv index at end of book
YORKLYN—National Fibre & Insulation Co.

GEORGIA.

ATLANTA—Dixie Packing Co.

ILLINOIS.

AURORA—Aurora Metal Co. (Metallic)
CHICAGO—Adkins, Young & Allen Co. ("A. Y. A."), 109 N Canal
Advance Packing & Supply Co. ("Mico" Square Flax Frictionless, Steam & Waterproof, "Trio," "Bestallic," "Durability," "High-Pressure," "Tenax," "Egyptian" Flax), Importers, 11-15 N Franklin
Allen W. D. Mfg. Co. ("Arrow"), 566 W Lake
Beltine Chemical & Mfg. Co., 401 N. Sangamon
Cassco Bar Metallic Packing Co. (Metallic), 8 S Dearborn
Central Asbestos & Magnesia Co., 214 W Grand av
Chicago Engineer Supply Co. ("Salamander," "Boylston," "Graphobesto," "Casco"), 68 W Lake
Chicago Fire Proof Covering Co. (Steam), 322 N Michigan av
Chicago Rawhide Mfg. Co. ("Mabbs" Rawhide Hydraulic), 1301 Elston av
Continental Rubber Works (Of Erie, Pa.) ("Continental," "Tribune," "Liberty"), 180 N Market
Crane Co. (Est. 1885), ("Cranite," "C. C."), 836 S Michigan av
For branch offices see Alphabetical Section
High Speed Metallic Packing Co. (Metallic), 305 N Michigan av
Hammons Geo. L. Inc., 627 Washington Blvd.
Hodgart & Co. (Imp.), 122 S Michigan av
Hollow Center Packing Co. ("Hopaca"), 608 S. Dearborn, Chicago, Ill.
Jerome-Edwards Metallic Packing Co. ("Jerome" Metallic Valve Steam Piston Rod), 80 E Jackson blvd
Specialty Mfg. Co. ("S. M. C." Perpetual Metallic Rope), 14 E Jackson blvd
Swain Lubricator Co. (Metallic), 443 W. 37th
Victor Mfg. & Gasket Co., 1956 S Troy
Western Packing & Supply Co. ("W. P. S." & "Casco" Metallic), 231 N 5th av
Wilcox E. A. Mfg. Co. ("Target" Valve Stem, Stop Valve Steam), 6330 Stony Island av
Williams-Bowman Rubber Co., 1947 S 54th av

INDIANA.

ANDERSON—Anderson Rubber Works (Rubber)
GOSHEN—Western Rubber Co. (Rubber (Sheet)
HUNTINGTON—Schacht Rubber Mfg. Co. (Rubber)
INDIANAPOLIS—Pioneer Brass Works ("Deeds" Metallic)
NEW ALBANY—Bowman D. F. Co. (Railroad)

KENTUCKY.

LEXINGTON—American Metallic Packing Co. (Metallic)
LOUISVILLE—Cook Lee C. Mfg. Co. ("Cook's" Piston Rod, etc)

LOUISIANA.

NEW ORLEANS—Boston Belting Co. (Reliance Machinery & Supply Co., (Rep.), 217 S Peters

MAINE.

PORTLAND—Clark Flexible Metallic Packing Co. (Flexible Metallic)

MARYLAND.

BALTIMORE—Dominion Asbestos & Rubber Corp. ("Darcoid," "Rodtite," "Grafite," "Metal Prince," "Fibertite," "Petrolite"), 418 East Pratt
See adv index at end of book
Maryland Belting & Packing Co., 1626 Bank

MASSACHUSETTS.

BOSTON—American Steam Packing Co. ("Diamond," "Smoky City" & "Favorite," "20th Century"), 191 High
Anderson G. P. & Co. (Engine & Pump), 65 Oliver
Boston Belting Corp. (Piston & Valve Rod "Diagon," "Ammonia," "Metal Insertion," "Noxall," "Forsyth Hollow Square," "Imperial" Round Red Core, "Excelsior," "Roxboro," "Phoenix," "Regular" Square Pump, "Rubber Back"), 84 Linden Park
CHESTERTON A. W. CO. ("Metalbestos," "Lubrobestos," "Vaporite," "Rubberbestos," "Redbestos," "Metal Asbestos," "Sunset," "Pressure Proof," "Expansion," "Atlantic," "Combination," "High Pressure," "Live Steam," "Carson," "Perfection," "Russo Fiberite," "Metallo," "Monarch," "Sterling," "India," "Hydraulic"), 64 India
Curry Bros. Oil Co. ("Superba," "Mica Para," "Mica Asbestos"), 253 Franklin
Eagle Oil & Supply Co. ("Eagleine," Ring Square Flax, Hydraulic, etc), 104 Broad
Federal Metallic Packing Co. ("Standard," Flexible Metallic Fibred Compound for Ammonia, Air, Steam, Truck Boxes, etc), 48 Hanover
Hart-Edison Packing Co., 234 State
Hart Packing Co. ("Hart" & "Demon" Sheet), 144 High
Ireson C. L. ("Blue Blood"), 221 High
Knowlton Geo. W. Rubber Co. ("Brassite," "G. W. K.," "Hub," "Knowlton," "Manila," "Fraser"), 60 Pearl
Lockwood Mfg. Co. ("Monteagle" Piston Packing), 65 Summer, E Boston
Merrill Wm. B. & Co. ("Tripp" Metallic), Jamaica Plain
Trainer C. W. Mfg. Co. (Asbestos Metallic), 55 High
Walworth Mfg. Co.

CAMBRIDGE—Boston Woven Hose & Rubber Co. (Rubber "Bull Dog," "Tiger," "Red Sheet")
Gould Packing Co. (Ring, etc.)
CHELSEA—Revere Rubber Co. ("Usudurian," "Red Crescent," "Black Hawk," "Samson," "Shawmut," "Beacon," "Giant," "Revero," "Black Cross," "Four Ace," "Harlem," "Hi-Heat," "Paramo" & "1100")
EVERETT—Lubron Co. ("Lubron," "Knowlton," Lubricated & Rubber)
WORCESTER—Newton Mfg. Co. ("Vellumoid")

MICHIGAN.

DETROIT—Detroit Leather Specialty Co. ("Wear Well" Hydraulic Leather), 275 Beecher av
Michigan Leather Packing Co. (Leather)
Steel Mill Packing Co. ("Safety" Plastic Metallic ("Hi-Steam")
Wing J. T. & Co., 19 Woodward av
Wolverine Leather Goods Co. (For Ice Machine, Hydraulic, Flange & "U" Packings)
KALAMAZOO—New Era Mfg. Co. ("New Era" Self-Lubricating Metallic Engine Packing)
MUSKEGON—Marsh Chas. W. Co.
NILES—National Leather Mfg. Co. (Rawhide Leather, Self-Lubricating)

MINNESOTA.

DULUTH—Imperial Iron Works ("Imperial" Metallic)
ST PAUL—Northern Metallic Packing Co. (Metallic), 253 E 8th
Union Machine Co. (Plunger Plastic Packing) 183 University av
SOUTH STILLWATER—Ideal Metallic Packing Co. ("Ideal" Metallic)
WINONA—Union Fibre Co. (Fibre Waste)

MISSOURI.

KANSAS CITY—Kansas City Rubber & Belting Co., 710 Delaware
ST. LOUIS—Hoyt Metal Co. ("Faultless" Metallic), Boatmens' Bank bldg
McQUAY-NORRIS MFG. CO. ("Leakproof"), 2808-14 Locust
See adv index at end of book
Pilley Flue Brush Co. ("Pilley" Steam & Ammonia), 604 S 3rd

NEBRASKA.

OMAHA—Paxton-Mitchell Co. ("Mitchell," Metallic)

NEW HAMPSHIRE.

DOVER—Williams I. B. & Sons
NORTH ROCHESTER—Spaulding J. & Sons Co. (Fibre)
See adv index at end of book

NEW JERSEY.

BLOOMFIELD — Combination Rubber Mfg. Co. ("Dr. Braun's," "Bloomfield," "Indestructene," "Thermopok," also Cloth or Wire Insertion, Sheet, Ring, Round, Square, etc)
BOONTON—Boonton Rubber Co. (Hard Rubber & Asbestos Ring, etc)
CAMDEN—Asbestos & Rubber Wks of N. J. (Asbestos Sheet & Piston)
COLLINGSWOOD — Allen Packing Co. ("Monitor," "Bitous")
EAST TRENTON—Empire Tire & Rubber Corp. (Rubber, All Kinds; "Alabama," "Amazon," "Monitor," "Merrimac," "Paragon," "Empire's Best," "Model," "Sterling," "Eagle," "Diamond," "Vulcan," "Reliance" and "Hercules")
HAMILTON SQUARE—Mercer Rubber Co. ("Redbreast," Rubber, Plumbago, Oil Proof, Asbestos, etc)
HAWTHORNE—La Favorite Rubber Mfg. Co. ("Perry," "American," "Golden Rod," "White Deer")
JERSEY CITY—Berkeley Mfg. & Supply Co., 640 Pavonia av
Johnson Henry Co., ("Cracker Jack," Phoenix," Ring Spiral, Hydraulic, Sheet, Square Flax, etc.), ft. Gates av
N. J. Car Spring & Rubber Co., 91 Brunswick
Voorhees Rubber Mfg. Co. ("Nubian," Sheet, "Long Life," "Red Sheets," "Grapho-Bestos," Cloth or wire Insertion Sheet, Spiral, Square Flax, Gum Core, Dry Dock, "Federal," "Union," "Corona," "Power," 18 Bostwick av
NEWARK—Ideal Automatic Governor Co. (metallic), 164 Emmet
NEW BRUNSWICK — Goetze Gasket & Packing Co. (All Kinds for All Purposes, "Groetze," "Goetzerit," "Brunswick" "Rex," "Devo," "No. 2 Elastic" "Stempak" & "Triumph")
PASSAIC—Manhattan Rubber Mfg. Co. ("White Enamel," "Kertlandt," "Magnet," "Mohican," "Viking," "Fulca," "Torpedo," "Headlight," "Golden Fleece," "Walrus," "Raven," "Delhi," "Carlissi," "Parenite," "Parenito," Sheet Rubber)
TRENTON—Acme Rubber Mfg. Co. ("Favorite," "Equality," "Durable," "Guarantee," "Acme," "Buffalo," "Capitol," Rubber Sheet)
Essex Rubber Co. (Rubber)
Hamilton Rubber Mfg. Co. (Rubber)
Home Rubber Co. ("O. I. M.", "Red Rose" & "N. B. O." Rubber)
Thermoid Rubber Co. ("Black Bear" & "Thermidore" Rubber, "Solaroid" Red Sheet)
United & Globe Rubber Mfg. Co. (Rubber)
Whitehead Bros. Rubber Co. ("C. L." "C. B. S." Rubber, Red Sheet)
Woven Steel & Rubber Co. ("Defender" Rubber, Asbestos, Flax, Hydraulic, Sheet, Diagonal Valve, etc.)
WESTFIELD—Vulcan Asbestos Mfg. Co. ("Vulcan" H. P. Piston Rod, etc.) W North av

NEW YORK.

ALBANY—Albany Rubber Tire Co. (Rubber)
AUBURN—Keystone Leather Packing Co. (Leather), 38-40 Market
BUFFALO—Hewitt Rubber Co. (Rubber & Sheet)
Lake Erie Mfg. Co. ("Ideal" Pump Valves & Plunger)
Metric Packing Co., 244 Kensington, av
CLIFTON SPRINGS—Judd & Leland Mfg. Co. (Leather)
EAST ROCHESTER—Empire Weaving & Belting Corp.
See adv index at end of book

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Ambrose Mach. Co. ("Ambrose" Metallic Self-Adjusting Piston), Provost & Eagle
American Mfg. Co. (Jute), Noble & West
Booth Felt Co., Inc., 440 19th
Clinton Mfg. Co., 83 Grand av
Davidson M. T. Co. ("Watson"), 43 Keap

Boroughs of Manhattan and Bronx.

NEW YORK—American Huhn Metallic Packing Co. (Metallic), 233 Broadway
Asbestos & Rubber Works of Amer. ("Asbestolith" Sheet & Asbestos Metallic Sheet), 58th & Broadway
Austin, Mason & Co., 15 Park row, New York
Brandt Randolph ("Selden," Square Flap, "Enterprise," "Zena," "Magneto"), 70 Cortlandt
Burgman Feodor ("Burgman's Janos" Plate Asbestos Sheets), 26 Cortland
Colgan Mfg. & Supply Co. ("Colgan," High Pressure & Sheet), 118 Maiden la
Cooley Mfg. Co. ("Omega"), 98 Park pl
Dominion Asbestos & Rubber Corp. ("Darioed," "Rodtite," "Grafite," "Metal Prince," "Fibertite," "Petrolite"), Tribune bldg, 154 Nassau, New York
See adv index at end of book
DANUBIL CO., INC. ("Danubil," "Hudsonil" Superheated Steam Acids, Oil, Ammonia), Postal Telegraph bldg
Durabla Mfg. Co. ("Durabla," Sheet), 114 Liberty
Edgecumbe J. C. & Co. ("Edgecumbe" **Elastic Metal), 149 B'way**
Empire Rubber & Tire Co. (Rubber, All Kinds), 148 Chambers
Eureka Packing Co. ("Eureka," Rod, etc), 78 Murray
Excelsior Valve Co. (Water), 108 Fulton
Flower Waste & Packing Co., 30 Church, New York
Goodyear Rubber Co. & Rubber Clothing Co. ("Pioneer," "Red Wing," "Black Wing," "Everlast Asbestos" & "Gold Seal"), 787 B'way
Greene, Tweed & Co. ("Crescent," "Manhattan," "Palmetto," "Royal" & "Union"), 109 Duane
Gutta Percha & Rubber Mfg. Co. ("Triple Sheet" Pure Gum, Round, Square & Sheet, "Pyramid Blue Stone" & "Red Jacket" High Pressure & Wire Insertion), 126 Duane
Ideal Automatic Mfg. Co. (Metallic), 125 Watts
Jenkins Bros. ("Jenkins 96," "Jenarco"), 82 White
Johns H. W.-Manville Co. (Vulcabeston," "J-M Kearsarge," "J-M Mogul," "J-M Mobilene," "J-M Hydro," "J-M Liberty," Air Brake Ring, Metallic, "J-M Triplex" Wick & Rope), Madison av & 41st
Katzenstein Leopold & Co. (Metallic & Flexible Tubular Metallic), 358 West
Kern Commercial Co. ("Kernite," "Sparsam," "Servitor" High Pressure Steam), 114 Liberty
Koebig, P. W. Estate of, 116 Broad
Magnolia Metal Co. ("Magnolia," Metallic), 113 Bank
See adv index at end of book
M. P. L. Packing & Supply Co. (Steam), 120 Liberty
Maguire Rubber Co., 20 Church
New York Belting & Packing Co. **(Pure Sheet, Cloth Insertion Sheet, "Ruby" Sheet, "Salamanda" Sheet, "Cobb's" Round, Square & Spiral Piston, "Amazon" Waterproof Hydraulic, "Vulcan," "Magic," "Double Diamond," "Tucks," "Karbonite," "Carbon," "Spider," "Firo," "Turxo," High Pressure Square & Rubber Back Piston), 91 Chambers**
New York Insulated Wire Co. ("Lightning Non-Tubular"), 84 State, Boston, Mass.
NEW YORK RUBBER CO. (Hot and Cold Water & Steam), Reade & Church; 323 W Randolph, Chicago, Ill.
Niagara Falls (Ont.) Gasket & Packing Co., Church & Fulton
See adv index at end of book
Peerless Rubber Mfg. Co. ("Arctic," "Germane," "Hercules," "Honest John," "Peerless," "Rainbow," "Success," "Uniphite," "Dale's Steam Trap," "Wizard," "Lakeside," "Rainbeseo," "Standard," "Eclipse," "Uniphite," 31 Warren
Power Specialty Co. (Imp.) ("Duval" Metallic), 111 B'way
Roberts Geo. I. & Bros. (Square, Flax Packing), 471 4th av
STRONG MACHINERY & SUPPLY CO. (Steam, Ammonia, Hydraulic, Asbestos, etc., "Tisafine," "Dichtungsgummi," "Grapho-Asbestos," "Cocheco," "Rivalite," "Wolverine," "Kingfisher - Hydraulic," "Crown," & "Bull Frog Rivalite," "Grapho Rivalite," "Featherlite" Metallic), 21 Walker
See adv index at end of book
United States Indestructible Gasket Co., Church & Fulton
See adv index at end of book
Vanda Co. ("Vanda"), 25th & Madison av
Vulcan Asbestos Mfg. Co. ("Vulvabestos"), Produce Exch
Walker Jas. & Co. (Ltd.), ("Lion" Hetallic), 27 Thames

(End of New York City)

NEW YORK—continued

PALMYRA—Crandall Packing Co. (All Kinds for All Purposes, "Helios," "Helimoi," "Kymoi," "Lip," "Ethiopia," "Sahara," "Wilpaco," "Keeptite," "Kumingsum," "Phoenix," "Helios Stine," "Permabestos," "Pirenbestos," "Safety," "Buckeye," "Climax," "Rex," "S. S. S." "Tucks" "W. P. H.," "Southdown," "Motorite," "Blackthorn," "Regina")

Dealers Steam Packing Co. (Hemp & Flax

Garlock Packing Co. (All Kinds for All Purposes)

SYRACUSE—Jones I. G. Co. ("Fidelity")

Kendrick Valve & Washer Co. (Leather)

TONAWANDA—Spaulding J. & Sons Co. (Fibre), P. O. Box 52

See adv index at end of book

OHIO.

AKRON—Akron Metallic Gasket Co. ("Fibrebestos" & "Valvetite" Metallic)

Goodrich B. F. Co. (Sheet, Piston & Valve Rod Packings in All Styles & Grades)

Goodyear Tire & Rubber Co. ("Red Wing" Sheet Rubber)

CINCINNATI—Bradford Belting Co., 2d & Walnut

Cincinnati Rubber Mfg Co. ("Cincinnatus," "Congo," "Fidelity," "Norka," "Norwood," "Old Crow," "Sandow," "Wampus," Rubber)

Nuhring Chas. & Bro. ("I. X. L." Spiral, Square Ring, etc.), 1212 Walnut

Peter & Guckenberger, 1205 Budd

CLEVELAND — Consumers' Rubber Co. ("Superior")

Martell Packings

Insure Continuous Operation of Plant

MADE BY

The Martell Packings Company, Inc.

ELYRIA, OHIO

ELYRIA—MARTELL PACKINGS CO. INC. The ("20th Century," "Martell," Metallic for Superhead Steam

See adv index at end of book

LOCKLAND—**Republic Rubber Co., 20 E** 9th

SPRINGFIELD—Victor Rubber Co. ("Viruco" Sheet, etc)

PENNSYLVANIA.

AMBLER—Keasbey & Mattison Co. (Cylinder & Steam Asbestos "Battle")

BRADDOCK—Jones Jno. C. Fremont

CHESTER—**Harper Mfg. Co. ("Harper"** Metallic)

ERIE—Continental Rubber Works ("Tribune," "Continental," "Liberty")

Keystone Rubber Mfg. Co.

Lake Erie Rubber Co. (Rubber)

Watson H. F. Co. (Asbestos Braided, Piston Rod, Core Wicks, etc)

FRANKLIN—Franklin Mfg. Co. ("Perfection" Resilient Waste for Journal Box, Piston Rod, etc)

JEANNETTE—Pennsylvania Rubber Co. ("Century" White Sheet & Wire Insertion, "Creole" Black Sheet. also Rubber Back, Pure Sheet. Diaphragm, etc.)

LANCASTER—United States Asbestos Co. ("Usa-Co." "Carbuline" Asbestos)

NORRISTOWN—American Asbestos Co. (Asbestos Metallic Sheet, Asbestos Rod, Ring, Wick, Rope & Braided)

NORTH WALES—Asbestos Fibre Spinning Co. (Asbestos Rope, Wicks. Sheet, etc)

PHILADELPHIA—Anchor Packing Co. ("Ankorite," "Sedgley," "Allegheny," "Capstan," "Baldwin," "Brooks," "Tauril"), Lafayette bldg

Belmont Packing & Rubber Co. ("Belmont", Square Flax, Gum Core, Air Pump, Throttle Valve, etc), 133 N 2d

Brown D. P. & Co. (Brown's Oil Proof Ring & Sheet, etc), 264 N 4th

Cancos Mfg. Co. ("Black Squadron" Metallic, "Rising Sun," "Globe," "White Squadron," "Pioneer"), **Garden & Bridge**

Collins Metallic Packing Co. ("Collins," Metallic) 56 N 2d

Dominion Asbestos & Rubber Corp. ("Darioed," "Rodtite," "Grafite," "Metal Prince," "Fibertite," "Petrolite"), 110 Walnut

See adv index at end of book

Double Service Packing Co., 244 Chestnut

Ehret Magnesia Mfg. Co., Land Title bldg

Endura Mfg. Co. ("Eudura" Flexible Fibre), 63rd & Reading R. R.

Fibre Rock Mfg. Co. (Asbestos), 4566 Silverwood

France Packing Co. ("France" Fibrous, Sheet & Metallic), 6510 State Road, Tacony

GASKET SUPPLY CO. ("Right" & "Gasco"), 1927 Ludlow

See adv index at end of book

Houghton E. F. & Co. ("Vim," Leather), 240 W Somerset

Latta Jno. S. & Co., 1227 Arch

Montgomery Bros., 45 S 2d

Morris Metallic Packing Co. (Piston Rod & Valve Stem Packings), **Lehigh av & Mutter**

Mulconroy Co. ("Black Jack," "Indian," "Quaker," "Pilgrim," "Puritan," "Thorobred," "Victor," "Admiral" & "Monitor"), **54th & Jefferson**

National Mfg. & Engineering Co. (Adjustable Metallic Cushion), 1539 Race

Penna. Petroleum & Supply Co. ("Fibertan"), 115 N 2d

Quaker City Rubber Co. ("Atlantic," "Daniel's P. P. P. Rod," "Ebonite" Black Sheet Packing, "Skihi," "Hercules" & "Delta" Red Sheet, "Kaloric" High Pressure Sheet, Cloth Insertion, Wire Insertion, "Ebonite," "Regal," "Holetite" Spiral "Crown" Spiral & "Valvolite" Valve Stem Packing), 629 Market

Ruwell Wm. F. (Cylinder), 719 Noble

Schlichter Jute Cordage Co. (Jute), 20 N Front

Schultz Patent Rubber Co. ("Tuck," "S. F.," "Bar None," "Armada")

Skipton Valentie Co., 1230 St. James

Underwood H. B. & Co. ("St. John" Self-Adjusting Cylinder Packing). 1025 Hamilton

U. S. Metallic Packing Co. ("King," Metallic Piston Rod & Valve Stem, etc). 427 N 13th

Walker Thos. & Sons (Metallic), 4619 Tacony, Fkd.

Walsh Packing Co. ("Black Jack," "W. D. M.," Metal Face, Steam & Water), 304 New

Watt's Jno. M. Sons ("Dirigo," "Nonpareil" & "Keystone"), 54 N 2d

Williamson & Cassedy, 526 Market

Winne F. W. & Son (Tarred & Untarred Jute), 237 Market

Wise & Bailey, 108 Walnut

PITTSBURGH—Chaplin-Futon Mfg. Co. ("Rogers"), 34 Penn av

COLONIAL SUPPLY CO. ("Colonial," "Continental"), 217 Water

See adv index at end of book

Flocker Jno. & Co. (Ltd.), Lubricating Hemp), 957 Liberty

Gerwig H. & Sons, 1301 Penn av

Pittsburgh Gage & Supply Co. ("Bestovall," "Fort Pitt" Sheet, "Fort Pitt" Spiral), 30th & Liberty av

WILKES-BARRE—Holmes Metallic Packing Co. (Metallic Piston Rod & Valve Stem)

RHODE ISLAND.

BRISTOL—National India Rubber Co. ("Bristol," "National," "Fidelity," "Narragansett," "Stanhope," N. I. R." Rubber, etc.)

PROVIDENCE — MacWatty Belting Co., 7 Beverly

WYOMING—Wyoming Yarn Co. ("Wypap" Woolen Yarn for Journal Boxes)

SOUTH CAROLINA.

CHARLESTON—General Asbestos Rubber Co. ("Metalloid," "Ideal," "Parabesto," "Delta," "Eclipse," "Dixie," "Carolina." "Navy," "Valbestine," "Semi-Bronze," "Morocco," "Magnolia," "Sumter," "Gilt Edge," "Hecla," "Semihecla," "Heclabronze," "Helicord")

VIRGINIA.

RICHMOND—Dominion Asbestos & Rubber Corp. ("Darcoid," "Rodtite," "Grafite," "Metal Prince," **"Fibertite,"** "Petrolite"), 8 Governor

See adv index at end of book

Glacier Metal Co. ("Ribbonized," Metallic), Hull & 22d

WISCONSIN.

CUDAHY—Federal Rubber Co., The (Rubber, all Grades)

MILWAUKEE—Delaney Oil Co. (Metallic), 47 3rd

Hoyer Engineering Co. (Metallic), 281 Grove

Western Rawhide & Belting Co. (Rawhide) 600 So Pierce

OSHKOSH—Oshkosh Bottle Wrapper Co.

STEVENS POINT—Comee Metallic Packing Co. (Metallic)

10463a— Packing (Marine)

Martell Packings Co., Inc., Elyria, Ohio

See adv index at end of book

MARTELL PACKING RINGS

For marine service are all metal and do not wear

Piston Rods

THE MARTELL PACKINGS CO.

Elyria, Ohio

10464— Packing (Metallic)

Advance Packing & Supply Co. ("Grapho Metal Pkg."), 11 N Franklin, Chicago, Ill.

Ambrose Machine Co. ("Ambrose" Self-Adjusting Piston), Provost & Eagle, Brooklyn, N. Y.

American Asbestos Co. ("Ambesco" Sheets), Norristown, Pa.

American Huhn Metallic Packing Co. ("Huhn"), 223 B'way, New York

American Metallic Packing Co. (For Steam), Lexington, Ky.

American Steam Packing Co. (Asbesto-Metallic), **191 High, Boston, Mass.**

Anchor Packing Co. ("Ankorite"), Lafayette bldg, Phila., Pa.

Asbestos & Rubber Works of Amer. (Asbestos, Sheets), 58th & B'way, New York

Aurora Metal Co. ("Lewis & Kunzer" Piston), Aurora, Ill.

Austin, Mason & Co., 15 Park row, New York

Boston Belting Corp. ("Forsyth" Combination), 84 Linden Park, Boston, Mass.

Cancos Mfg. Co. ("Black Squadron"), **Garden & Bridge, Philadelphia, Pa.**

Cassco Bar Metallic Packing Co., 8 S Dearborn, Chicago, Ill.

Clark Flexible Metallic Packing Co. (Flexible Metallic), Portland, Me.

Collins Metallic Packing Co. ("Collins"), Bourse bldg, Phila., Pa.

Colonial Supply Co. ("Colonial"), 414 1st av, Pittsburgh, Pa.
Comee Metallic Packing Co., Stevens Point, Wis.
Cook C. Lee Mfg. Co. ("Cook's," Piston & Corliss Valve Stem, etc), Louisville, Ky.
Crane Packing Co. (Piston Rod), 31 S Clinton, Chicago, Ill.
Davidson M. T. Co. ("Watson's" Piston Rod, etc), 43 Keap, Brooklyn, N. Y.
Detroit Leather Specialty Co. ("Wear-Well Regal"), 275 Beecher av, Detroit, Mich.
Edgecumbe J. C. & Co. ("Edgecumbe" Elastic), 149 B'way, New York
Eureka Packing Co. ("Ambest"), 76 Murray, New York
Federal Metallic Packing Co. ("Pactite" & "Standard" Flexible Metallic Fibred Compound), 48 Hanover, Boston, Mass.
France Packing Co. (Piston & Valve Rod, etc), 6510 State rd, Tacony, Phila., Pa.
Garlock Packing Co., Palmyra, N. Y.
General Asbestos Rubber Co. (Semi-Bronze), Charleston, S. C.
Goetze Gasket & Packing Co. ("Rex" & "Goetze" for Saturated Steam, Superheated Steam, Cold & Hot Water & for Highest Steam & Water Pressures), New Brunswick, N. J.
Hammett H. G. ("Trojan" for Piston Rods & Valve Stems), Troy, N. Y.
Harper Mfg. Co. ("Harper"), Chester, Pa.
Hartford Engine Works ("St. John" Self-Adjusting Cylinder), Hartford, Conn.
Hatch E. W. ("Hatch"), 14 L, Boston, Mass.
High-Speed Metallic Packing Co. ("Perpetual" High Speed), 305 N Michigan av, Chicago, Ill.
Holmes Metallic Packing Co. (Piston Rod & Valve Stem), Wilkes-Barre, Pa.
Hoyer Engineering Co., 281 Grove, Milwaukee, Wis.
Ideal Automatic Governor Co., ("Ideal" Piston & Valve Rod), 164 Emmet, Newark, N. J.
Ideal Metallic Packing Co., South Stillwater, Minn.
Imperial Iron Works ("Imperial"), Duluth, Minn.
Jerome-Edwards Metallic Packing Co. ("Edwards" "Jerome"), 80 E Jackson blvd, Chicago, Ill.
Johnson H. Co. ("Johnson's" Asbestos Metallic Sheet, etc), ft Gates av, Jersey City, N. J
Katzenstein Leopold & Co., 358 West, New York
Locomotive Finished Material Co. ("Pakring Metal"), Atchinson, Kans.
Lubricating Metal Co. ("Noheet"), 2 Rector, New York
McQUAY-NORRIS MFG. CO. 2808-14 Locust ("Leakproof" Piston Head), St. Louis, Mo. *See adv index at end of book*
Magnolia Metal Co. ("Magnolia"), 113 Bank, New York
See adv index at end of book

MARTELL PACKING RINGS
Are all metal, and cannot blow out or burn out
THE MARTELL PACKINGS CO.
Elyria, Ohio

MARTELL PACKINGS CO. INC., (" 20th Century," "Martell," for Hydraulic Service), Elyria, O.
See adv index at end of book
Martin A. E. Foundry & Machine Co., 705 Park, Milwaukee, Wis.
Mechanical Rubber Co. ("White Seal" Asbestos Metallic Cloth Insertion), Cleveland, O.
Merrill Wm. B. & Co. ("Tripp" for Piston Rods, etc), Jamaica Plains, Boston, Mass.
Morris Metallic Packing Co. (Piston Rod & Valve Stem), Lehigh av & Mutter, Phila., Pa.
National Mfg. & Engineering Co. ("American" Adjustable Metallic Cushion), 1539 Race, Phila., Pa.
New Era Mfg. Co. ("New Era" Self-Lubricating Metallic Engine Packing), Kalamazoo, Mich.
Niagara Falls (Ont.) Gasket & Packing Co., Church & Fulton, N. Y.
See adv index at end of book
Northern Metallic Packing Co., 253 E 8th, St. Paul, Minn.
Paxton-Mitchell Co. ("Mitchell"), Omaha, Neb.
Power Specialty Co. (Imp.) ("Duval"), 111 B'way, New York
Provost Engineering Corp., 220 B'way, New York
Revere Rubber Co. ("Giant" & "Samson," Spiral Piston, etc), Chelsea, Mass.
Rhodes Metallic Packing Co., 216½ Milton, Shreveport, La.
SARCO CO., INC. ("Sarco"), 229 B'way, New York *See adv index at end of book*
Specialty Mfg. Co. ("S. M. C." Perpetual Rope), 14 E Jackson blvd, Chicago, Ill.
Standard Asbestos Co., 75 Fulton, New York
Steel Mill Packing Co. ("Safety," Plastic Metallic), Detroit, Mich.
STRONG MACHINERY & SUPPLY CO. ("Strong's Rivalite" Metallic Loop & Semi-Metallic), 21 Walker, New York
See adv index at end of book
Swain Lubricator Co. (For All Engines, Pumps, Superheated Steam, etc), 443 W 37th, Chicago, Ill.
Trainer C. W. Mfg. Co. ("Asbestos Metallic"), 55 High, Boston, Mass.
United Lead Co. ("Ulco" Lead Wood), 111 B'way, New York
United States Metallic Packing Co. ("King," Piston Rod & Valve Stem, etc), 427 N 13th, Phila., Pa.
Walker James & Co. (Ltd.), ("Lion"), 27 Thames, New York
Walker Thos. & Sons, 4619 Tacony, Fkd., Phila., Pa.
Walsh Packing Co., 111 S 7th, Phila., Pa.
Watson H. F. Co. (Asbestos), Erie, Pa.

10464a—*Packing (Oil, Water & Gas)

Dominion Asbestos & Rubber Corp., 154 Nassau, New York.
See adv index at end of book
NIAGARA FALLS (ONT.) GASKET & PACKING CO., Church & Fulton, New York. *See adv index at end of book*

NIAGRATITE
SHEET PACKING
For Oils, Water, Air, Gas, Etc.
Niagara Falls (Ont.) Gasket & Packing Co.
Fulton and Church Streets New York City

10465—Packing Pads (Excelsior)

BOSTON EXCELSIOR CO., 26 Canal, Boston, Mass.
Excelsior Wrapper Co., Sheboygan.

Packing (Piston Rod)

See Packing, Metallic; also Packing Manufacturers

10466— *Packing (Pump)

Dominion Asbestos & Rubber Corp., 154 Nassau, New York.
See adv index at end of book
NIAGARA FALLS (ONT.) GASKET & PACKING CO., Church & Fulton, New York
See adv index at end of book

10467-8—Packing (Rawhide)

Chicago Rawhide Mfg. Co., 1301 Elston av, Chicago, Ill.
Janesville Products Co., Janesville, Wis.
National Leather Mfg. Co. (Self-Lubricating), Niles, Mich.
Niagara Falls (Ont.) Gasket & Packing Co., Church & Fulton, New York
See adv index at end of book

STRONG MACHINERY & SUPPLY CO. ("Strong's" Square Platted Rawhide), 21 Walker, New York
See adv index at end of book
Western Rawhide & Belting Co. (White Rope), 600 So Pierce, Milwaukee, Wis.

Packing (Red Sheet)

See Packing Sheet

10469—Packing (Resilient Waste)

Franklin Mfg. Co. ("Perfection, for Journal Box, Piston Rod, etc), Franklin, Pa.

10470—Packing (Ring & Spiral)

American Asbestos Co. ("Ambesco" & Asbestos Metallic), Norristown, Pa.
American Balance Valve Co., Jersey Shore, Pa.
American Steam Packing Co., 191 High, Boston, Mass.
Anchor Packing Co. ("Senator"), Lafayette bldg, Phila., Pa.
Anderson G. P. & Co., 65 Oliver, Boston, Mass.
Boonton Rubber Co. (Hard Rubber & Asbestos), Boonton, N. J.
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Brown D. P. & Co. (Brown's Oil Proof), 264 N 4th, Phila., Pa.
Cancos Mfg. Co. "Black Squadron"), Garden & Bridge, Phila., Pa.
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Combination Rubber Mfg. Co. ("Indestructene," "Bloomfield" Sectional & Plain), Bloomfield, N. J.
Crandall Packing Co., Palmyra, N. Y.
DANUBIL CO., INC. (High & Low Pressure, Ring), Postal Telegraph bldg., New York.
Dealers Steam Packing Co. ("Devil Skin" Superheated Steam), Palmyra, N. Y.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York.
See adv index at end of book
Durabla Mfg. Co. ("Durabla" Superheated Steam, Oil & Water), 114 Liberty, New York
Empire Tire & Rubber Corp., ("Empire's Best," "Model," "Sterling," "Reliance," "Hercules," "Eagle," "Diamond" & "Vulcan"), East Trenton, N. J.
EMPIRE WEAVING & BELTING CORP., East Rochester, N. Y.
See adv index at end of book
Ever Tight Piston Ring Co. ("Ever Tight"), 1424 Chestnut, St. Louis, Mo.
Federal Metallic Packing Co. (Flexible Metallic), 48 Hanover, Boston, Mass.
Garlock Packing Co., Palmyra, N. Y.
General Asbestos Rubber Co. ("Garco," "Difies," "Victor," "Helicord," "Carolina," "Semi-Bronze," "Hecla," "Metalloid), Charleston, S. C.
Goetze Gasket & Packing Co. ("Ideal"), New Brunswick, N. J.
Gould Packing Co., Cambridge, Mass.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Hollow Center Packing Co., 608 S Dearborn, Chicago, Ill.
Ideal Metallic Packing Co. ("Ideal," Metallic), S Stillwater, Minn.
Jerome-Edwards Metallic Packing Co., 80 E Jackson blvd, Chicago Ill.
Johns H. W.-Manville Co., Madison av & 41st, New York
Johnson Henry Co. ("Alden," "Moreland," "Remora," " Waldo," "Sable," "Clay," "Johnson"), ft Gates av, Jersey City, N. J.
Knowlton Geo. W. Rubber Co. (And Spiral Square & Round), 60 Pearl, Boston, Mass.
McQUAY-NORRIS MFG. CO. ("Leak-Proof" Piston Head), 2808-14 Locust, St. Louis, Mo.
See adv index at end of book
MARTELL PACKINGS CO., INC., Elyria, O.
See adv index at end of book
Mechanical Rubber Co. ("Cleveland," "Euclid," High Pressure, Low Pressure, "Jupiter," "Standard," "Integrity," "Ohio," "Forest City"), Cleveland, O.
Michigan Leather Packing Co. (Leather), Detroit, Mich.
Mulconroy Co., 54th & Jefferson, Phila., Pa.
National India Rubber Co., Bristol, R. I.
New York Belting & Packing Co. (Rubber), 91 Chambers, New York

PACKING (RING & SPIRAL)—continued

Niagara Falls (Ont.) Gasket & Packing Co. (Ring), Church & Fulton, New York *See adv index at end of book*

Pilley Flue Brush Co., 604 S 3d, St. Louis, Mo.

Quaker City Rubber Co. ("P. P. P.," "Donkey," "Crown"), 629 Market, Phila., Pa.

Revere Rubber Co. ("Revere," Lubricated) Chelsea, Mass.

STRONG MACHINERY & SUPPLY CO. ("Strong's Veri Best" Extra High Pressure Piston & Valve Rod), 21 Walker, New York *See adv index at end of book*

Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

Wing J. T. & Co., 19 Woodward av, Detroit, Mich.

10471—Packing (Rod & Plunger)

Danubil Co., Inc., Postal Telegraph bldg., New York.

Dominion Asbestos & Rubber Corp., 154 Nassau, New York. *See adv index at end of book*

Field, R. B. & Co. ("Fields"), Worcester, Mass.

Hollow Center Packing Co., 608 S Dearborn, Chicago, Ill.

Johns H. W-Manville Co. ("J-M. Sea Rings," "J-M Kearsage," "J-M Universal"), Madison av & 41st, New York

Quaker City Rubber Co. ("Dragon," "Krusader," "Liberty Bell," "Made," "P.P.P.," "1776," "Uncle Sam" & "Valley Forge" Rod Packing), 629 Market, Phila., Pa.

10472— Packing (Sheet)

Adkins, Young & Allen Co. ("A. Y. A."), 109 N Canal, Chicago, Ill.

Advance Packing & Supply Co. ("Bestalline Texax," "Bestallic," "Oleite"), 11-15 N Franklin, Chicago, Ill.

Allen W. D. Mfg. Co., 566 W Lake, Chicago, Ill.

American Asbestos Co. ("Ambesco" & Asbestos Metallic), Norristown, Pa.

Anchor Packing Co. ("Tauril," "Ankorite," "Asbestine"), Lafayette bldg, Phila., Pa.

Asbestos Fibre Spinning Co. ("Fibo" Asbestos Cloth & Brass Wire), North Wales, Pa.

Austin, Mason & Co., 15 Park Row, New York.

Belmont Packing & Rubber Co. ("Belmont"), 133 N 2nd, Phila., Pa.

Boston Belting Corp. ("Roxboro," "Champion," "Crescent," "Nox-en-all," "Black Diamond," "Elmwood," "Phoenix," "Trimount," "Flexite," "Regular"), 84 Linden Park, Boston, Mass.

Bowers Rubber Works ("Bay City," "Guardian," "Red Sunset," "Reliance," "Seal Rock," "Sunset"), 68 Sacramento, San Francisco, Cal.

Burgmann Feodor ("Janos"), 26 John, New York

Cancos Mfg. Co. ("Black Squadron," "Pyramid"), Garden & Bridge, Phila., Pa.

Chesterton A. W. Co. ("Redbestos," "Rubberbestos", "Vaporite," "Russo"), 64 India, Boston, Mass.

Cincinnati Rubber Mfg. Co., Cincinnati, O.

Colonial Supply Co. ("Colonial," "Continental"), 414 1st av, Pittsburgh, Pa.

Combination Rubber Mfg. Co. ("Red Diamond," "Blue Diamond" & Wire Insertion, Diaphragm, etc), Bloomfield, N. J.

Consolidated Packing & Supply Co. ("Adamite," "Consolco"), 21 Barclay, New York

Continental Rubber Works ("Tribune"), Erie, Pa.

Crandall Packing Co. ("Ethiopia," "Helois," "Regina," "Sahara"), Palmyra, N. Y.

DANUBIL CO., INC. ("Danubil," "Hudsonil" Asbestos & "Convention"), Postal Telegraph bldg., New York.

Dealers Steam-Packing Co., Palmyra, N. Y.

DOMINION ASBESTOS & RUBBER CORP. ("Darcoid," "Sovereign," "Dominion," "Regent," "Old Dominion," "Domino," "Grafite," "Flangetite," "Petrolite," "Squadron"), 154 Nassau, New York. *See adv index at end of book*

Double Service Packing Co., 244 Chestnut. Phila., Pa.

Durable Mfg. Co. ("Durabia" Superheated Steam, Oil & Water), 114 Liberty, New York

Empire Tire & Rubber Corp. ("Alabama," "Amazon," "Merrimac," "Monitor" & "Paragon"), East Trenton, N. J.

Endura Mfg. Co., 63d & Reading R. R., Phila., Pa.

Essex Rubber Co., Trenton, N. J.

Eureka Packing Co., 78 Murray, New York

France Packing Co., 6510 State rd, Tacony, Phila., Pa.

GASKET SUPPLY CO. ("Right" Cloth Inserted & Red Rubber & Oil Proof), 1927 Ludlow, Phila., Pa. *See adv index at end of book*

Garlock Packing Co. ("Garlock"), Palmyra, N. Y.

Garratt-Callahan Co. ("Swart's"), 30 Fremont, San Francisco, Cal.

General Asbestos Rubber Co. ("Aurora," Red "Magnolia," "White," "Morroco," Black "Metalloid," "Semi-Bronze," "Calibestos," "Pyroid," "Petrobestos," "Parabestos," "Charleston"), Charleston, S. C.

Goetze Gasket & Packing Co. ("Goetzerit"), New Brunswick, N. J.

Goodrich B. F. Co., Akron, O.

Goodyear Tire & Rubber Co. ("Goodycarile," "Red Wing"), Akron, O.

Gould Packing Co. ("Gould's"), E. Cambridge, Mass.

Gutta Percha & Rubber Mfg. Co. (Red & Black Cloth Insertion & Pure Gum), 126 Duane, New York

Hamilton Rubber Mfg. Co. ("Perfection"), Trenton, N. J.

Hart Packing Co., 144 High, Boston, Mass.

Hewitt Rubber Co. (Pure Gum & Cloth Insertion), Buffalo, N. Y.

Hollow Center Packing Co. ("Ovalhole"), 608 S Dearborn, Chicago, Ill.

Home Rubber Co. ("Original Black," "N. B. O."), Trenton, N. J.

Jenkins Bros. ("Jenkins 96," "Jenarco," Oilite Magnolia), 80 White, New York

Jones I. G. Co. ("Fidelity"), Syracuse, N. Y.

Johns H. W.-Manville Co. ("J-M," "Mobilene," "Kearsage," "Liberty," "Permanite," "Vulcabeston"), 41st & Madison av, New York

Johns-Pratt Co. ("Vulcobeston" Red Fibre), Hartford, Conn.

Johnson H. Co. ("Brandon," "Black Jack," "Alligator," "Johnson"), ft Gates av, Jersey City, N. J.

Knowlton G. W. Rubber Co. ("G. W. K.," "Hub"), 60 Pearl, Boston, Mass.

Mechanical Rubber Co. ("Ceo," "Sterling," "Crow" "Saturn" "Mensco"), Cleveland, Ohio

Mercer Rubber Co. ("Redbreast," Asbestos, (Rubber with Cloth Insertion), Hamilton Sq., N. J.

National Fibre & Insulation Co., Yorklyn, Del.

National India Rubber Co. ("N. I. R." Red), Bristol, R. I.

New Jersey Car Spring & Rubber Co. ("Indigo"), 91 Brunswick, Jersey City, N. J.

New York Belting & Packing Co. ("Salamanda," "Indestructible," "Karbonite," "Ruby"), 91 Chambers, New York

NEW YORK RUBBER CO. (Red & Black), 323 W Randolph, Chicago, Ill., Reade & Church, New York

Niagara Falls (Ont.) Gasket & Packing Co., Church & Fulton, New York *See adv index at end of book*

Peerless Rubber Mfg. Co. ("Rainbow"), 31 Warren, New York

Pennsylvania Rubber Co. ("Century" White Pure Sheet Rubber, "Creole" Black Sheet, etc), Jeannette, Pa.

Quaker City Rubber Co. ("Ebonite" black sheet packing, "Skihi," "Hercules" & "Delta" red sheet packing "Kaloric" high pressure), 629 Market, Phila., Pa.

Republic Rubber Co. ("Invader"), Youngstown, O.

Revere Rubber Co. ("Black Cross," "Back Hawk," "Eagle," "Usurdurian," "Giant Red Crescent," "Paramo," "Revere"), Chelsea, Boston, Mass.

Rubber Fibre Co. ("Elasto"), 560 First, Boston, Mass.

Salisbury W. H. & Co. ("Congo," "Hevea," "Salisbury"), 105 S Wabash, Chicago, Ill.

STANDARD MFG. & SUPPLY CO., 30 N 4th, Phila., Pa.

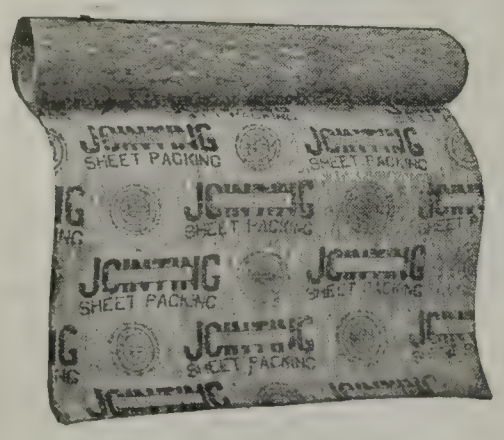
STRONG MACHINERY & SUPPLY CO. ("Strong's I. O. P. Dichtungsgummi"), 21 Walker, New York *See adv index at end of book*

Thermoid Rubber Co. ("Albanoid," "Blackoid," "Everoid," "Odinoid," "Plumbago," "Solaroid," "Thoroid"), Trenton, N. J.

Trainer C. W. Mfg. Co. ("Olympia," "Vulcafibron"), 55 High, Boston, Mass.

United & Globe Rubber Mfg. Co., Trenton, N. J.

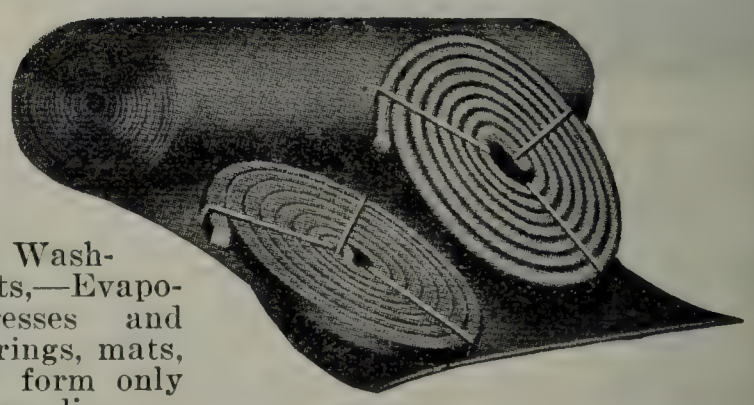
DARCOID SHEET PACKING



Dominion sheet packings and gaskets for all chemical, oil, gas, industrial requirements — asbestos, rubber duck, organic fibres and other combinations.

DOMINION RUBBER: SHEET—STRIP—COIL

Dominion Rubber lines cut from standard shapes or molded for special requirements. Answer all need of chemical plants. Pump Valves, Rolls, Washers, Tubbing, Gaskets,—Evaporators, Filter Presses and Calorisator, molded rings, mats, matting—Tape, etc., form only a small portion of our line.



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SHEET PACKING
Known and Used the World Over
NIAGARA FALLS (ONT.) GASKET & PACKING CO.
Fulton and Church Streets, New York City

Victor Rubber Co. ("Viruco"), Springfield, O.
Vulcan Asbestos Mfg. Co. ("Hercules"), Produce Exchange, New York
Watts John M. Sons ("Dingo Red," "Watts Oil Proof"), 54 N 2d, Phila., Pa.
Western Rubber Co. ("C. I.," "C. B. S.," "C. O. S."), Goshen, Ind.
Whitehead Bros. Rubber Co., Trenton, N. J.
Wise & Bailey ("Continental," "Enterprise," "Franklin," "Red Rover"), 108 Walnut, Phila., Pa.
Woven Steel Hose & Rubber Co., Trenton, N. J.

10472a— *Packing (Steam)

See also Packing Various kinds

Brown F. H. Packing Co., 623 Cherry, Phila., Pa.
DOMINION ASBESTOS & RUBBER CORP., 154 Nassau, New York
See adv index at end of book
Jones Packing Co., 50 Church, New York
NIAGARA FALLS (ONT.) GASKET & PACKING CO. ("Klingtite"), Church & Fulton, New York
See adv index at end of book
Universal Flexible Packing Co., 401 Fulton bldg, Pittsburgh, Pa.

10473-4— Packing Sticks

STRONG MACHINERY & SUPPLY CO. ("Strong's Excelsior"), 21 Walker, New York *See adv index at end of book*

10475—*Packing (Vulcanized Fibre)

National Fibre & Insulation Co., Yorklin, Del.

10476—Packing (Weather Strip)

Bosley D. W. Co. (For Refrigerators, Ice Boxes, etc.), 122 S Michigan av, Chicago, Ill.
Mechanical Rubber Co., Cleveland, O.

10477—Packing (Wire Rope Pulley)

Boston Belting Corp., 84 Linden Park, Boston, Mass.

10478— Packing (Yarn)

Wyoming Yarn Co. ("Wypak" Woolen for Journal Boxes, etc.), Wyoming, R. I.

10479— Pad Screws

North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.

10480— Padding (Table)

Knitted Padding Co. (Knitted Cotton), Canton Junction, Mass.

10481— Paddles (Beater)

Alloy Steel Forging Co., Carnegie, Pa.
Menasha Mfg. Co. (For Paper Mills), Menasha, Wis.

10482— Paddles (Canoe)

N. Y. Boat Oar Co., 69 West, New York

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER

10483—Paddles (Mustard)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Established 1847
E. B. ESTES & SONS Manufacturers of
Mustard Paddles, Boxwood and Maple, Plain or Printed
Also Mustard Spoons. Automatic Lathe Turnings.
364 5th Ave. New York City

Padlocks

See Locks, Padlocks

10484— Padlocks (Pole)

Fletcher Mfg. Co., Dayton, Ohio

10485— Pads (Calendar)

Anderson W. J. & Co., 341 B'way, New York
Elliott Chas. H. Co., 17th & Lehigh av, Phila., Pa.
General Advertising Co., Reading, Pa.
Goes Lithographing Co., 61st & Clark, Chicago, Ill.
Kimpton Ed. Co., 60 John, New York
Southgate Press ("Acme"), 87 Broad, Boston, Mass.
Stern Edward & Co., 140 No 6th, Phila., Pa.
Sullivan Printing Works Co., Cincinnati, O.
Tower Mfg. & Novelty Co., 326 B'way, New York
Weeks Frank A. Mfg. Co., 93 John, New York

10486—Pads (Carriage Step)

Keystone Forging Co. (Wrought Iron), Northumberland, Pa.

10487— Pads (Chair)

Excelsior Wrapper Co., Sheboygan, Wis.
Fox Geo. E. Co. (Felt), 35 W Kinzie, Chicago, Ill.
Oshkosh Bottle Wrapper Co. (& Furniture Pads), Oshkosh, Wis.

10488— Pads (Coach)

Standard Coach Pad Co., Wooster, O.

10489—Pads (Horse Collar)

American Pad & Textile Co., Greenfield, O.
Burlington Blanket Co. ("Ventiplex"), Burlington, Wis.
Curtis-Dexter Co. ("Boss" Zinc Lined "Curtis" Leather), Madison, Wis.
Gall Cure Collar Pad Co. ("Gall-Cure") Richmond, Ind.
Harsh-Miller Mfg. Co. ("Wabash"), Wabash, Ind.
Louisville Girth & Blanket Mills (Woven Hair), Louisville, Ky.
Meyer Corpn., The, Morton, Ill.
Norfolk Collar Pad Co., Norfolk, Va.
Perforated Pad Co., Woonsocket, R. I.
Perkins-Campbell Co., 622 B'way, Cincinnati, O.
Zink Collar Pad Co. ("Star" Zinc & Leather), Buchanan, Mich.

10490—Pads (Horse Shoe, Leather)

Graton & Knight Mfg. Co., Worcester, Mass.

10491— Pads (Packing)

Excelsior Wrapper Co. (Furniture), Sheboygan, Wis.
Maish Chas. A. Co. (Furniture), 1125 Bank, Cincinnati, O.
Oshkosh Excelsior Mfg. Co. (Furniture), Oshkosh, Wis.
Page Geo. G. Box Co. (Corrugating Packing), Cambridge, Mass.
Philadelphia Excelsior Co., 716 N 3rd, Phila., Pa.
Rochester Pad & Wrapper Co., Rochester, N. Y.
Selle H. W. & Co. (Furniture), 1000 N Halsted, Chicago, Ill.
Sheboygan Pad Co. (Furniture), Sheboygan, Wis.
Standard Excelsior Wrapping Co. (Furniture), Appleton, Wis.

10492— Pads (Stamp)

Hager C. C. Co. ("Never-Smear"), 1234 Penn, Pittsburgh, Pa.
Kee Lox Mfg. Co., Rochester, N. Y.
Laughton Pad Co., Westfield, Mass.
Superb Stamp Pad Co., Auburn, N. Y.
Volger B. G. Mfg. Co. ("Excelsior," "New Departure"), Passaic, N. J.

10493— Pads (Sweat)

American Pad & Textile Co., Greenfield, O.
Burlington Blanket Co. ("Ventiplex), Burlington, Wis.
Couch Bros. Mfg. Co., East Point, Ga.
Norfolk Collar Pad Co., Norfolk, Va.
Powers Mfg. Co., Waterloo, Ia.
Schott J. B. Saddlery & Mfg. Co., Quincy, Ill.
Schwahn-Seybeth Saddlery Co., Eau Claire, Wis.
Southern Sweat Pad Co., Evansville, Ind.

10494— Pads (Telephone)

Atwater S. L. ("Ever Ready"), 101 Lafayette New York

10495— Pads (Tire Repair)

Empire Tire & Rubber Corp., East Trenton, N. J.

10495a— Pads (Truss)

Estes E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*

10496— Pads & Tablets

Adams, Cushing & Foster, 168 Devonshire, Boston, Mass.
Affleck Ruling & Stationery Co., Holyoke, Mass.
American Pad & Paper Co., Holyoke, Mass.
Bainbridge's Chas. T. Sons, 2 Cumberland, Brooklyn, N. Y.
Baughman Stationery Co., 1322 W Broad, Richmond, Va.
Bell Book & Stationery Co., 914 E Main, Richmond, Va.
Birnie Paper Co., Springfield, Mass.
Blade Printing & Paper Co., Toledo, O.
Blair J. C. Co., Huntingdon, Pa.
Blake-McFall Co., E 3rd, Portland, Ore.
Boorum & Petase Co., 109 Leonard, New York
Central Paper & Tablet Co., Indianapolis, Ind.
Crunden-Martin Mfg. Co., 2d & Gratiot, St. Louis, Mo.
Cupples Samuel Envelope Co., 6th & Cerre, St. Louis, Mo.
De Pere Tablet Co., De Pere, Wis.
Earl M. J., Reading, Pa.
Eastern Tablet Co., Albany, N. Y.

PADS & TABLETS—continued

Eaton, Crane & Pike Co., Pittsfield, Mass.
Eau Claire Book & Stationery Co., Eau Claire, Wis.
Essex Pad & Paper Co., Holyoke, Mass.
Foisher Bros. Paper Co., Fort Wayne, Ind.
Garden City Tablet Co., Elkhart, Ind.
Hartman E. F. Co., Springfield, Ill.
Highland Mfg. Co., Holyoke, Mass.
Holm G. A. & Bro., Mansfield, O.
Hopper Paper Co., Johnsonburg, Pa.
Hurd Geo. B. & Co., 425 Broome, New York
Illinois Printing Co., Danville, Ill.
Indiana Paper Co., Indianapolis, Ind.
Johnstown Tribune Publishing Co., Johnstown, Pa.
Judd Paper Company, Holyoke, Mass.
Kalamazoo Stationery Co., Kalamazoo, Mich.
Ketcheson J. C., Leavenworth, Kan.
Kistler W. H. Stationery Co., Denver, Colo.
Lesh C. P. Paper Co., Indianapolis, Ind.
Leslie John Paper Co., 3rd av S & 5th, Minneapolis, Minn.
Longwell-Cummings Co., Loganport, Ind.
Lowman & Hanford Co., Seattle, Wash.
McClellan Paper Co., 700 S 4th, Minneapolis, Minn.
McIntosh Jno. L., 185 Franklin, Boston, Mass.
Mann Herbert R., Troy, N. Y.
Miller Fred R. Blank Book Co., Williamsport, Pa.
Minneapolis Paper Co., 4th av S & 5th, Minneapolis, Minn.
Montag Bros., Atlanta, Ga.
Myers R. M. & Co., Rochester, N. Y.
Osborn Paper Co., Marion, Ind.
Pacific Paper Co., Portland, Ore.
Pantagraph Printing & Stationery Co., Bloomington, Ill.
Perkins Bros. Co., Sioux City, Ia.
Polar Mfg. Co. (Glass Desk Pads), 101 N Marshall, Phila., Pa.
Post Publishing Co., Appleton, Wis.
Powers Paper Co., Springfield, Mass.
Raab W. H. & Bro., Johnstown, Pa.
Remington H. E. & Co., Fitchburg, Mass.
Reynolds & Reynolds Co., Dayton, O.
Roaring Spring Blankbook Co., Roaring Spring, Pa.
Roberts & Meck, Harrisburg, Pa.
Schmidtman's Theo. Sons Co., Manitowoc, Wis.
Smith Tablet Co., Holyoke, Mass.
Stowell Henry & Son, Troy, N. Y.
Taylor-Atkins Paper Co., Burnside, Conn.
Vernon S. E. & M., 65 Duane, New York
Waddey Everett Co., 1105 E Main, Richmond, Va.
Ward Samuel Mfg. Co., 299 Atlantic av, Boston, Mass.
Wendt & Rausch Co., Toledo, O.
Western Tablet Co., St. Joseph, Mo.
White & Wyckoff Mfg. Co., Holyoke, Mass.
Whiting Paper Co., Holyoke, Mass.
Wright, Barrett & Stilwell Co., N E cor. University & Hampden avs, St. Paul, Minn.

10496a—*Page-Utility Fabric

Page Steel & Wire Co., Adrian, Mich.
See adv index at end of book

10497— Pail Ears

ACKLIN STAMPING CO., 1659 Dorr, Toledo, O. *See adv index at end of book*
Berger Bros. Co. (Pail Ears, Pans, Kettles, etc.), 229 Arch., Phila., Pa.
Central Stamping Co., 172 Fulton, New York
Dover Stamping & Mfg. Co., Cambridge, Mass.
Forsyth Metal Goods Co. (& Tub Ears), E Aurora, N. Y.
Holland Mfg. Co. (Pail & Tub), Central av. & Bank, Baltimore, Md.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Parker Wire Goods Co. (Wire Rail & Tub), Worcester, Mass.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Pratt Wm. E. Mfg. Co. (Tinned), 35 W Lake, Chicago, Ill.
Townsend Co., New Brighton, Pa.
Townsend G. G., Winchendon, Mass.
Troy Stamping Works, Troy, N. Y.

10498— Pails (Aluminum)

Aluminum Goods Mfg. Co., Manitowoc, Wis.
Aluminum Ware Mfg. Co., Inc., Elmira, N. Y.
Buckeye Aluminum Co. ("Real Solid"), Wooster, O.
Toledo Cooker Co. (Cooker), Toledo, O.

10498a—Pails (Butcher Supply)

Johnson-Morse Can Co., Wheeling, W. Va.
Wheeling Can Co., Wheeling, W. Va.

10499— Pails (Candy)

See also Pails & Buckets, Wood; also Pails, Shipping

Dunning-Varney Co. ("D. V." Seamless), 99 Warren, New York
Great Northern Pail Co., Gillett, Wis.
Lyman Mfg. Co., Warren, O.
Menasha Wooden Ware Co. (Wooden), Menasha, Wis.
Ohio Pail Co. (Wood), Middlefield, O.
Peoria Can Co. (Plain or Decorated), Peoria, Ill.
Richmond Cedar Works ("Anchor Brand," White Cedar & Cypress), Fulton, Richmond, Va.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.) (Galvanized), Wheeling, W Va.

10500—Pails (Cement & Navy)

McLaughlin Co., Inc. (Cement), Brockford, N. Y.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.) (Galvanized), Wheeling, W. Va.

10500a—*Pails (Collapsible)

(See also Buckets & Pails, Collapsible)
Stanley Wm. W. (For Automobiles), 50 Church, New York

10501-2— Pails (Commode)

See also Tinware Mfrs.

Central Stamping Co. ("Puritan"), 172 Fulton, New York
Lalance & Grosjean Mfg. Co., 299 B'way, New York
National Enameling & Stamping Co., 411 5th av, New York
Northwestern Stamping Co. ("Pierce's" Sanitary), Burlington, Ia.
Rochester Stamping Co., Rochester, N. Y.

10503— Pails (Dairy)

Atlantic Stamping Co. ("Atlantic" Tin), **156-180 Ames, Rochester, N. Y.**
Brown Stamping Co., Toledo, O.
Buhl Stamping Co., Detroit, Mich.
Central Stamping Co. ("Puritan"), 172 Fulton, New York
Elliott Mfg. Co. ("Elliott" Sanitary), Warren, Ill.
Lisk Mfg. Co. (Ltd.) ("Lisk" Anti Rust), Canandaigua, N. Y.
McLaughlin Co., Inc., Brockport, N. Y.
National Enameling & Stamping Co., 411 5th av, New York
Peoria Can Co., Peoria, Ill.
Phillips & Buttorff Mfg. Co. ("Strainer"), Nashville, Tenn.
Rochester Can Co. ("Iron Horse"), Rochester, N. Y.
Rochester Stamping Co., Rochester, N. Y.

10504— Pails (Dinner, Etc.)

Atlantic Stamping Co, 156-180 Ames, Rochester, N. Y.
Behrens H. Mfg. Co., Winona, Minn.
BERTELS W. B. & SON CO., INC., Wilkes-Barre, Pa.
Buckeye Aluminum Co. ("Real Solid" Aluminum Sectional), Wooster, O.
Central Stamping Co. ("U. S."), 172 Fulton, New York
Dooley Bros. (Jobbers), 604 S Adams, Peoria, Ill.
Lalance & Grosjean Mfg. Co. (Enameled Iron, Tin, etc), 299 B'way, New York
Leonard Mfg. Co., Scranton, Pa.
Leonard T. F. Co. ("Leonard"), Scranton, Pa.
National Enameling & Stamping Co ("Acme," "Aurora"), 411 5th av, New York
Peoria Can Co., Peoria, Ill.
Strong Mfg. Co. (Miners, etc), Sebring, O.
Sullivan-Geiger Co. ("IX," "Boss" Round Miners'), Indianapolis, Ind.

10505— Pails (Fibre)

Fibre Corporation ("Fibrotta," "Lily Star"), Lockport, N. Y.
Toledo Fibre Package Co., Toledo, O.

Pails (Fire)

See Buckets, Fire; Pails, Galvanized Iron; also Pails, Fibre

10506— Pails (Foundry)

Cleveland Oshborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Richmond Cedar Works ("J. I. C.," Heavy Oak), Fulton, Richmond, Va.
Steel Basket Co. (Corrugated Steel), Cedar Rapids, Ia.
Threthaway Bros., Parsons, Pa.

10507—Pails (Galvanized Iron)

AMERICAN CAN CO., 120 Broadway, New York
See adv index at end of book
Atlantic Stamping Co., 156-180 Ames, Rochester, N. Y.
Brown Stamping Co., Toledo, O.
Buhl Stamping Co., Detroit, Mich.
Central Stamping Co., 174 Fulton, New York
Cincinnati Galvanizing Co., McMicken av & Tafel, Cincinnati, O.
Clark W. J. Co., Salem, O.
Coonley Mfg. Co., Cicero, Ill.
Crunden-Martin Mfg. Co. (Fire, Water, Mule, etc), 2d & Gratiot, St. Louis, Mo.
Dover Stamping & Mfg. Co., Cambridge, Mass.
Dressel Railway Lamp Works, 3860 Park av, New York
Dunlap John Co., Gregg, Pittsburgh, Pa.
GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis. *See adv index at end of book*
Hill Jas. Mfg. Co., 52 Westfield, Providence, R. I.
Kraft A. C., 323 W Lake, Chicago, Ill.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Lisk Mfg. Co. (Ltd.) ("Lisk" Aluminum Galvanized), Canandaigua, N. Y.
National Enameling & Stamping Co., 411 5th av, New York
New England Enameling Co. (Water, Fire, etc), Middletown, Conn.
Pritchard Stamping Co., Rochester, N. Y.
Republic Metalware Co., Buffalo, N. Y.
Rex Harris Fire Appliance Co., 39 E 19th, New York
Rochester Can Co. ("Iron Horse"), Rochester, N. Y.
Rochester Stamping Co., Rochester, N. Y.
Sexton Can Co. (Fire, etc), 228 Franklin, Boston, Mass.
Steel Basket Co., Cedar Rapids, Ia.
Wall P. Mfg. Supply Co., 705 Preble av, N S, Pittsburgh, Pa.
Whitaker-Glessner Co. (Wheeling Corrugating Dept), Wheeling, W. Va.

10508-9— Pails (Garbage)

See also Cans, Ash & Garbage

AMERICAN CAN CO., 120 Broadway, New York
See adv index at end of book
Atlantic Stamping Co., 156-180 Ames, Rochester, N. Y.
Buhl Stamping Co., Detroit, Mich.
Central Stamping Co., 174 Fulton, New York
Cincinnati Galvanizing Co. ("King" Corrugated), McMicken av & Tafel, Cincinnati, O.
Dover Stamping & Mfg. Co. ("Galvanized"), Cambridge, Mass.
Kraft A. C., 323 W Lake, Chicago, Ill.
National Enameling & Stamping Co., 411 5th av, New York
New England Enameling Co. (Galvanized), Middletown, Conn.
Rochester Can Co. ("Iron Horse"), Rochester, N. Y.
Whitaker-Glessner Co. (Wheeling Corrugating Dept), Wheeling, W. Va.
Witt Cornice Co. ("Witt's"), 2118 Winchell av, Cincinnati, O.

10510— Pails (Milk)

Lalance & Grosjean Mfg. Co. (Enameled Iron), 299 B'way, New York
Menasha Woodenware Co. (Wooden), Menasha, Wis.
National Enameling & Stamping Co., 411 5th av, New York
Peoria Can Co (Tin), Peoria, Ill.
Richmond Cedar Works ("Anchor Brand," White Cedar), Fulton, Richmond, Va.

10511—Pails (Milk Strainer, Etc.)

Atlantic Stamping Co ("Atlantic" Sanitary Dairy, All Tin), 156-180 Ames, Rochester, N. Y.
Central Stamping Co. ("Puritan"), 174 Fulton, New York
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Lisk Mfg. Co. (Ltd.) ("Lisk Anti-Rust"), Canandaigua, N. Y.
McLaughlin Co., Inc., Brockport, N. Y.
Peoria Can Co., Peoria, Ill.
Schlueter Mfg. Co., B'way & John av, St. Louis, Mo.

10511a—*Pails (Miniature, Wooden)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

10512— Pails (Mortar)

Rice Jas. H. Co., 111 W. Washington, Chicago, Ill.
Richmond Cedar Works ("Anchor Brand," Heavy Oak), Fulton, Richmond, Va.

10513— Pails (Paper)

Dunning-Varney Co. ("D. V. Seamless"), 99 Warren, New York
O. K. Paper Pail Co. (Oyster, Ice Cream, etc), Middletown, O.
Sefton Mfg. Corp. (Ice Cream & Oyster), 1301 W 35th, Chicago, Ill.
Sefton Wm. J., 54th & Lafayette, New York

Pails (Rubber)

See Buckets, Fire, with the word Rubber following their name

10514— Pails (Sap)

Conneaut Can Co., Conneaut, O.
Fuller G. E. & A. I. (Wooden), Marlboro Depot, N. H.
Menasha Wooden Ware Co. (Wooden), Menasha, Wis.
Peoria Can Co., Peoria, Ill
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), (Tin & Galvanized Steel), Wheeling, W. Va.

10515— Pails (Shipping)

Crunden-Martin Mfg. Co. ("C. M." Metal Candy & Stock Food), 2d & Gratiot, St. Louis, Mo.
Menesha Wooden Ware Co. (Wood, for Candy, Tobacco, Lard, Stock Food, Cocoanut, Pigs Feet, Pickles, Grease, Fish & Jelly Packages, Cheese Boxes, etc), Menasha, Wis.
Whitaker-Glessner Co. (Wheeling Corrugating Dept), (Galvanized), Wheeling, W. Va.

10516— Pails (Steel, Shop)

Cleveland Wire Spring Co. (Sheet Steel), Cleveland, O.
Kraft A. C., 323 W Lake, Chicago, Ill.
OHIO MFG. CO., P. O. Box 358, Painesville, O. *See adv index at end of book*
Steel Basket Co. (Corrugated), Cedar Rapids, Iowa

10517— Pails (Tar)

Clark W. J. Co., Salem, O.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book

10518— Pails (Tin, Lard)

AMERICAN CAN CO., 120 B'way, New York *See adv index at end of book*
Brecht Co. (Tin), 1201 Cass av, St. Louis, Mo.
Colonial Can Co., 120 Milk, Boston, Mass.
Columbia Can Co., Madison, 1st to 2d, St. Louis, Mo.
Conneaut Can Co., Conneaut, O.
Johnson-Morse Can Co., Wheeling, W. Va.
New Can Co., 326 A, Boston, Mass.
Pague Mfg. Co., 29th & Southwest blvd, Kansas City, Mo.
St. Louis Butchers' Supply Co., 1543 N 15th, St. Louis, Mo.
Sexton Can Co., 228 Franklin, Boston, Mass.
Trethaway Bros., Parsons, Pa.
U. S. Can Co. (Plain & Decorated), Norwood, Cincinnati, O.
Wheeling Can Co., Wheeling, W. Va.

Pails (Waste)

See Cans, Waste

Pails (Water)

See Pails, Fibre; Pails, Galvanized Iron; also Pails & Buckets, Wood

10519—Pails & Buckets (Tin)

Franklinville Canning Co., Franklinville, N. Y.

10520—Pails & Buckets (Wood)

Ashtabula Pail Co. (Basswood), Ashtabula, O.
Beaver Mills, Keene, N. H.
Buckeye Churn Co. ("Eureka," "Climax," "Buckeye," "Oak Horse"), Sidney, O.
California Barrel Co., 433 California, San Francisco, Cal.
Carr Pail & Package Co., Ashby, Mass.
Corry Pail Co., Corry, Pa.
Davis Fred W., Keene, N. H.
Dickinson's A. Sons, Ashuelot, N. H.
English Mfg. Co., Antigo, Wis.
Erie Pail Factory, Erie, Pa.
Florida Woodenware Co., Palatka, Fla.
Fuller G. E. & A. I., Marlboro Depot, N. H.
Hall Bros. Co., West Acton, Mass.
Keene Woodenware Co. (Wood Pails), Keene, N. H.
Lane C. L., East Swanzey, N. H.
Lown & Son ("J. I. C." Cedar), Poughkeepsie, N. Y.
McVoy Tub Pail & Package Co. (Lard, Candy, Pickle, etc., Tubs & Pails), 11th av, N E & Water, Minneapolis, Minn.
Marsh W. E., Westport, N. H.
Menasha Wooden Ware Co. (Horse, Shipping, etc), Menasha, Wis.
Murdock E. & Co., Winchendon, Mass.
Paepcke-Leicht Lumber Co., 111 W. Washington, Chicago, Ill.
Peirce W. E. & Co., Milford, N. H.
Pierpont Mfg. Co. (Oyster Pails, Red Cedar & Cypress Water Pails), Savannah, Ga.
Richmond Cedar Works ("Anchor Brand," White & Red Cedar for Every Purpose), Fulton, Richmond, Va.
St. Louis Cooperage Co. ("J. I. C." Cedar), ft. of Arsenal, St. Louis, Mo.
Talbot & Clark, Sandown, N. H.
Union Cooperage Co., 2d & Penrose, St. Louis, Mo.

10521—Pails & Cans (Syrup)

Peoria Can Co., Peoria, Ill.

10522— Paint (Anti Stick)

Anti-Stick Co., Westerville, O.

10523— Paint Burners

American Stove Co. ("Reliable," "Quick Meal" Gasoline), St. Louis, Mo.
Ashton Mfg. Co., 477 Second, N E, Buffalo, N. Y.
Best Light Co., 477 2nd, N E, Canton, O.
Brand Chas. F., 16th & Jacob, Wheeling, W. Va.
Clayton & Lambert Mfg. Co., 205 Piquette av, E Detroit, Mich.
Sun Vapor & Gas Street Light Co., Canton, O.
Turner Brass Works (Gasoline & Kerosene), Sycamore, Ill.

10524—Paint Grinders (Dry Material)

Wilbur J. Co., Office: Providence, R. I. Factory: Phila., Pa.

10525— Paint Mfrs.

For Special Kinds of Paints, see Sub-Classifications following this trade

ALABAMA.

BIRMINGHAM—Birmingham Paint & Glass Co.

CALIFORNIA.

HUNTINGTON PARK—American Luminous Products Co. ("Radio"), Watts
LOS ANGELES—Bowers U. R. & Sons Brininstool Co.
Judah E. H. & Co., 2200 Santa Fe av
OAKLAND—Buswell Paint Co.
California Paint Co.
Sterling Paint Co.
SAN FRANCISCO—Bass-Hueter Paint Co., 816 Mission
Biturine Co., 24 California
Bredell Composition Co., 818 Mission
Fuller W. P. & Co., 301 Mission
Nason R. N. & Co., 151 Potrero av
Pacific Oil & Lead Works, 155 Townsend
Paraffine Companies, Inc.
Remolite Paint Co.
Sterling Paint Co., 118 1st
Yates & Co., 762 Folsom
WEST BERKELEY—West Coast Kalsomine Co. ("Wesco")

COLORADO.

DENVER—James B. L. Mercantile & Mfg. Co.
McMurtry Mfg. Co.
McPhee & McGinnity Co.
Reitze Wall Paper & Paint Co.
Western Elaterite Roofing Co.

CONNECTICUT.

BRIDGEPORT—American Lacquer Co.
Bridgeport Bronze Marine Paint Co.
Clapp Fire Resisting Paint Co.
Crockett D. B. Co.
HAZARDVILLE—Hazard Lead Works
NORWICH — Hammond Process Co. ("Ferox" Iron Oxide)
SOUTH NORWALK—Nash Engineering Co. ("Xyloform")
WATERBURY—Wright E. E. (Roof)

DELAWARE.

WILMINGTON—Bryan Jas. M.
Cartmell Thos. B. Paint & Glass Co.

FLORIDA.

JACKSONVILLE—Dozier & Gay Paint Co.

GEORGIA.

ATLANTA—Cooledge F. J. & Sons ("Southern Home")
Southern Paint & Varnish Works ("S. P. V. W.")
Tripod Paint Co.
AUGUSTA—O'Connor-Schweers Paint Co.

ILLINOIS.

AURORA—Robinson Paint Co.
CHICAGO—Adams & Elting Co. ("Ad-elite"), 726 Washington blvd
Allen Paint & Putty Works, 334 N Ashland av
Alston Lucas Paint Co., 1029 Currier
Antakwa Co., 133 W Washington
Armstrong Paint & Varnish Works, 2502 S Paulina
Bradley & Vrooman Co., 2632 S Dearborn
Braithwaite C. W. Co. (Color Cards for Mixed Paint, etc), 300 S Racine av
Chicago White Lead & Oil Co., 1454 S Western av
Chicago Wood Finishing Co., 1309 Sloan
Devoe F. W. & C. T. Raynolds Co., 14 W Lake
Diamond Red Paint Co., 2750 N Lincoln
Eagle Picher Lead Co. (The), 208 S La Salle
Enterprise Paint Mfg. Co., 854 W Van Buren
Ernecke & Salmstein Co., 1509 N Halsted
German-American Paint Co., 717 Waldo ct

Hanna Color Mfg. Co., 155 N Clark
Heath & Milligan Mfg. Co., 1833 Seward
Hockaday Co., 1831 Carroll
Hooker H. M. Co., 651 W Washington
Indiana Indestructible Paint Co., 870 W North av
Inland White Lead Co., 741 Boston av
Martin-Senour Co., 2520 Quarry
Nubian Paint & Varnish Co., 1856 Leclaire av
Ohmlac Mfg. Co. ("Ohmlac"), 140 S Dearborn
Otley Paint Mfg. Co. ("Eureka"), 1742 N Winchester av
Rice Jas. H. Co., 111 W Washington
Sall Mountain Co., 230 S La Salle
Schrader Whittick & Co., 1318 Clybourne av
Stresen-Reuter & Co., 734 S Wabash av
Thurston F. W. Co., 1832 S Clark
Vilas Bros., 717 S 5th av
Wadsworth-Howland Co., 225 N Carpenter
Watson Geo. E. Co., 62 W Lake
EAST ST. LOUIS—All Roofing Mfg. Co., Converse av
General Roofing Mfg. Co., 17th & Southern Ry.
Mepham Geo. S. & Co., 20th & Lynch
Phelan-Faust Paint Mfg. Co.
JOLIET—Peeling Geo.
PEORIA—Globe Mfg. Co.

INDIANA.

HAMMOND—Hammond Asphalt Products Co.
HUNTINGTON—Flexible Paint Co.
INDIANAPOLIS—Advance Paint Co.
Ajax Paint Co. ("Woodpecker")
Antox Paint Co.
Burdsal A. Co.
Indianapolis Paint & Color Co. ("Capital City")
Northwestern Mfg. Co.
Sargent Paint Co., N. J. & Mass av
LIBERTY—Carter Paint Co.
MARION—Standard Paint Co.
SOUTH BEND—McHenry-Millhouse Mfg. Co.
TERRE HAUTE—Smith-Alsop Paint & Varnish Co.
VALPARAISO—Parker Chas. H. Co.

IOWA.

DES MOINES—Elaterite Paint & Mfg. Co. ("Des Moines Elaterite")
FORT DODGE—Iowa Paint Mfg. Co.
Pyrolin Co. ("Pyrolin")
PELLA—Van Nimwegan A. P. & Bro.

KENTUCKY.

COVINGTON—Boehmer Albert L.
LOUISVILLE—Blatz Val Paint & Varnish Co.
Bridges-Smith & Co.
Kurfees J. F. Paint Co.
Long C. R., Jr., Co.
Louisville Lead & Color Co.
Louisville Paint Mfg. Co.
Peaslee-Gaulbert Co.
Sterling Paint & Color Co.
Strassel Gans Paint Co.

LOUISIANA.

NEW ORLEANS—American Paint Works, 428 Josephine
Bernhardt David Paint Co. (Ltd.), 821 Camp
Reeves Co., 805 Howard av

MAINE.

PORTLAND—Burgess Fobes & Co.

MARYLAND.

BALTIMORE—Baltimore Copper Paint Co., Key Highway & Covington
Chesapeake Oil Co., Stockholm & Peach Alley
Davis H. B. Co., Keyser bldg
Hanline Bros., 25 S Howard
Hirshberg, Hollander & Co., 106 W Pratt
Kaufman E. L. & Co., Liberty & Fayette
Macneal James B. & Co. (Dry Paints Only), Warner & Wooster
Miller & Graham, 21 S Gay
Murphy Chas. J. & Co., 332 N Calvert
Popplein G. & N., 220 North
Rubber Paint Co., c Warner & Wooster
Seim Henry & Co., Fayette & Howard

MASSACHUSETTS.

AMESBURY—Grieves C. S. Paint Co.
BOSTON—Briggs John & Co., 45 Purchase
Cabot Samuel, 141 Milk
Carpenter-Morton Co., 77 Sudbury
Chadwick-Boston Lead Co.
Dexter Bros. Co., 105 Broad
Gilman C. H. ("Drescote"), 103 Merrimac
Gould & Cutler, 45 Sudbury
Hoffman Paint & Varnish Co., Waters av
National Insulator Co. ("Nico"), 1016 Broadway
New England Oil, Paint & Varnish Co., Waters av
Prince James H. Paint Co., 5 Lancaster
Underhay Oil Co., 73 Batterymarch
Wadsworth, Howland & Co. ("Bay State"), 141 Federal
Wheeler Asahel Co., 58 High
CHELSEA—Nico Varnish Co.
GLOUCESTER—Henderson & Johnson
Tarr Jas. H. Co. (Copper & Iron Marine)
Tarr & Wonson (Marine)
NEW BEDFORD—Brightman Bros.
Kirby Geo., Jr., Paint Co.
NORFOLK DOWNS—Means & Thatcher
SALEM—Philbrick L. B.
SPRINGFIELD—Hampden Paint & Chemical Co. ("Hampden," Green, etc)
WATERTOWN—Waterproof Paint Co.
WELLESLEY—Wood's Henry Sons Co.
WORCESTER—Algonquin Slate Products Co.

MICHIGAN.

BELDING—Knapp E. J. & Co.
DETROIT—Acme White Lead & Color Works
Boydell White Lead & Color Co.
Detroit Graphite Co.
Detroit Refining Co., Majestic bldg
Detroit White Lead Works
Ditzler Color Co., 20 Baltimore av W
Frazer Paint Co., Hubbard & M. C. R. R.
Peninsular Paint & Varnish Co.
Rinshed-Gagnier Paint Co., 56-60 Congress E
Trus-con Laboratories
FLINT—Flint Varnish & Color Works
HILLSDALE—O'Meara Bros.
HUDSON—Neptune Paint Co.
KALAMAZOO—Lakey A. L. Co. (Mixed)
SAGINAW—Asphalt Roofing Co.
United States Graphite Co.

MINNESOTA.

MINNEAPOLIS—Frost Paint & Oil Co., 1209-11 Tyer N. E.
Maire Paint Co. (Maire's Indestructible Roof Preserver), 329 Boston blk
Minn. Linseed Oil Paint Co., 1101 S 3rd
ST. PAUL—Blood T. L. & Co., 418 Wacouta
Farwell, Ozmun, Kirk & Co., (Barn, House, etc.)
Northern Paint Co.
St. Paul White Lead & Oil Co. ("Lion" Brand), Water & Starkey
WINONA—Forster Paint & Mfg. Co.

MISSOURI.

CAPE GIRADEAU—Matteson Paint Co.
KANSAS CITY—Skinner Douglas Paint Co., 610 B'way
McDonald Paint & Glass Co., 1408 Grand
Sewall Paint & Glass Co., 1009 W 8th
ST. LOUIS—Becker-Moore Paint Co., 1219 Olive
Campbell Glass & Paint Co., Main & Gratiot
Certain-Teed Products Corp.
DIXON JOSEPH CRUCIBLE CO. (of Jersey City, N. J.), Victoria bldg
See adv index at end of book
Eberson Lindslay Paint Co. (House & Barn), 1832 Morgan
Kent & Purdy Paint Co. (House & Barn) 11th & Mullanphy
Mechanics Paint Co., 707 S 4th
Mound City Paint & Color Co., 11th & Mullanphy
Phelan-Faust Paint Mfg. Co. (House & Barn), 1008 Pine
Platt & Thornburgh Paint Co., 7th & Franklin
St. Louis Surfacer & Paint Co. ("Metal-steel"), Arlington & Terminal & Belt Line
Simmons Hardware Co., 9th & Spruce
Vane-Calvert Paint Co., 1601 N B'way

NEBRASKA.

LINCOLN—Lincoln Paint & Color Co.
Nebraska Paint & Lead Co.
OMAHA—National Oil & Paint Co.

NEW JERSEY.

BRIGETON—Shaw John P. & Co.
CAMDEN—Waterall Wm. & Co.
GIBBSBORO—Lucas John & Co.
HOBOKEN—Hoboken White Lead & Color Works, Willow av & 14th
Marx Jno
JERSEY CITY—Aspinwall Geo. H. (Inc.), Corneilson av
Aspinwall Geo. H. (Inc.), 134 Halliday
Dixon Joseph Crucible Co.
N. J. Paint Works, Wayne (Louderbough, Hy., Prop.)
Stowell Mfg. Co., 240 Culver av
Woolsey C. A. Paint & Color Co., 500 Grand
NEWARK—Armitage John L. & Co., 54 Dawson
Beckton Chemical Co., 278 Passaic
Cawley, Clarke & Co., 278 Passaic
Hammond Paint & Slug Shot Works, Beacon, N. Y.
Herrmann Morris & Co., 878 Mt. Prospect av
Hetzel J. G. (Est. of), 67 Main
Patton Paint Co., ft Chester av
Sherwin-Williams Co., Brown
NEW BRUNSWICK—Watson J. D. & Co.
PATERSON—Norwood & Berdau
STEWARTSVILLE—North Jersey Paint Co.

NEW YORK.

ADAMS—Rice A. L.
AUBURN—Messenger F. H. Co.
BUFFALO—Buffalo Oil, Paint & Varnish Co.
Century Mfg. Co., 272 W Genessee
International Products Co., White bldg
Mets P. A. Paint Co., 769 Clinton
CLINTON—Clinton Metallic Paint Co.
ELLENVILLE—Ulster Paint Works
FISHKILL ON THE HUDSON—Hammond Benjamin
ITHACA—Driscoll Bros. & Co. (Distributors "Tower")
JAMESTOWN—Jamestown Wood Finishing Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Averill Paint Co., 240 Plymouth
Brown Chas. H. Paint Co., 190 Montague
Chessman & Elliot, National Paint Works), 639 Kent av (See New York)
Childs Chas. M. & Co. (Inc.), 43 Summit
Colonial Works, 233 Norman av
Debevoise Company, 968 Grand av
Devoe F. W. & C. T. Raynolds Co., 565 Smith
Eakins J. S. & W. R., 12 Wallabout
Eureka Chemical Co., 970 Grand av
Holzapfel's American Composition Co., 175 Beard
Ingersoll O. W., 243 Plymouth
King Wm. H., 124 Greene
Krug Paint Mfg. Co. (Mixed), 449 Kent av
Kuhls H. B. Fred, 6413 3d av
Leavitt Louis, 454 Driggs av
Longman & Martinez, 231 N 9th
McCafferty Jas. A. & Sons Mfg. Co., 505 Driggs av
McNaughton Wm. D., 185 Oakland
McQuade John & Co. (Stevens' Brick Reds, etc), 134 Clasn. av
Masury John W. & Son, 50 Jay
Montauk Paint Mfg. Co., 170 2nd av
Moore Benjamin & Co., 231 Front
Pierce F. O. Co., 30 Tiffany pl
Rosenson David, 407 Watkins
Smith J. Lee & Co., 700 Hicks

PERMANITE

BEST GENUINE WATER PAINT for whitening, coloring and fireproofing ceilings, walls, pillars, beams, etc., of rough industrial buildings. Snow white and various colors. Meant particularly for dry brick, concrete, hollow tile and wood surfaces. Can be applied by brush or spraying machine. Almost as cheap as whitewash and as durable as oil paint.

MURALITE

BEST CALCIMINE OR WALLFINISH for whitening, tinting and decorating ceilings and walls of homes, offices, stores, schools, etc. Snow white and various colors. Meant particularly for plastered, wallboarded, wooden and painted surfaces. Inexpensive, artistic, durable and sanitary

BOTH OF ABOVE MATERIALS CAN BE USED BY ANYONE.

241 E. 136th St. NEW YORK **M. EWING FOX CO.** 1501 S. Peoria St. CHICAGO

Boroughs of Manhattan and Bronx.

NEW YORK—American Bitumastic Enamels Co. ("Hermastic"), 17 Battery pl
Apex Color Works, 50 W Broadway
Bredell's Composition Co., 521 Washington
Calman & Co., Emil, 100 William,
Cheesman & Elliot (National Paint Works), 100 William
Devoe & Raynolds Co., Inc., 101 Fulton
Dunham Thomas C., 68 Murray
Feigel M. & Bro., 185 Wooster
FOX M. EWING CO. (Water-Paints & Calcimines), 241 E 136th
See adv index at end of book
Gimbel Geo. & Co. Inc., 24 Stone
Grote George W. & Co., 430 E 102d
Hemmerdinger L. & Co., 438 E 123d
Hildreth Varnish Co., 90 West
Holzapfel's Am. Composition Co., 18 B'way
Ilsey, Doubleday & Co., 229 Front
International Compositions Co. (Marine), 18 B'way
Knickerbocker Paint Co., 185 Madison av
Leggett & Bro., 301 Pearl
Limbacher Paint & Color Works, 162 E 35th
Longman & Martines, 54 Maiden la
Manhattan Color Works ("Tem-Po-Va"), 1035 Kelly
Manhattan & Bronx, Amalgama Paint Co., Pier 3, North River
Miller Clifford L. & Co. ("Minwax"), 280 Madison av
Moser Charles Co., 126 Liberty
Mogul Co., 126 5th av
Mott Haven Color Works, 395 Mott av
Nansen Composition & Paint Co., 44 Whitehall
National Lead Co., 111 B'way
Pierce F. O. Co., 10 E 45th
Prince Mfg. Co. (Double Label Mineral Brown), 165 Broadway
Red Hand Compositions Co., Inc. ("Red Hand"), 1 B'way
Reliance Paint Co., 25 Beaver
Smith J. Lee & Co., 19 Jacob
Sonneborn L. Sons, 262 Pearl
Standard Paint Co., 233 B'way
Toch Bros., 320 5th av
Universal Compound Co., 2 Rector
Whitehead Paint Co., 702 W 48th
Wix Charles & Co., 45 Vesey
Zibell Damp Resisting Paint Co., 278 Water

Borough of Richmond.

NEW BRIGHTON—Muralo Company, Rich. Fer.

Borough of Queens.

COLLEGE POINT—Chilton Paint Co.
LONG ISLAND CITY—Horn A. C. Co., Bodine
Imperial Paint Co. ("Impaco"), 80 10th
Smith Edw. & Co., 127 West av
Willey Charles A. Co., Hancock

(End of New York City)

NIAGARA FALLS—Acheson Graphite Co. (Graphite)
OGDENSBURG—Rossie Iron Ore Paint Co. (Metallic)
PHELPS—Hicks A. P.
ROCHESTER—Clark Paint, Oil & Glass Co.
ROME—Jones Paint Co. ("Roofcoat" & "Elastic Enamel")
SYRACUSE—Colebrook W. H. & Sons, 1419-21 Orange
Semet-Solvay Co.
TONAWANDA—National Roofing Co.
TROY—Connors Wm. Paint Mfg. Co.
WAVERLY—Thomas A. H. Paint Co.

NORTH CAROLINA.

HIGH POINT—Alexander H.
WILMINGTON—Spiritine Chemical Co.

OHIO.

AKRON—Reliance Paint Co.
CANTON—Arlington Mfg. Co.
Cawn Mining & Mfg. Co.
Goheen Mfg. Co. (Carbonizing Coating)
CINCINNATI—Allen Anti-Rust Mfg. Co. (Roofing Steel Stack, Tanks, etc), Glenn bldg
Black Diamond Mfg. Co. ("Vol-Ka-No," Black Breweries, Ice Can, etc), 1219 Bank
Bolce Louis H. & Co., 2435 Gilbert av
Carey Philip Mfg. Co., 330 Wayne av, Lockland
Foy Paint Co., 230 E 5th
Johnston R. F. Paint Co., Pearl & Main
Kolbe John Co., 229 W 5th
Long Edwin & Co., 845 Clinton
Mamolith Carbon Paint Co., 2d & Main
Meyer E. H. & Co., 35 E Court
Moser Chas. Co.
Richmond Bros., 616 Main
Washburn Ira D. Co., 906 Central av
Wolf Leon L. Paint Co., 304 Lincoln Inn ct.
CLEVELAND—Arco Co. ("Arco Rays"), Euclid & E 65th
Atlantic Paint Co
Billings-Chapin Co.
Bond Paint & Varnish Co., E 81st
Canfield Oil Co.
Diamond Paint & Varnish Co., 910 Champlain av
Eclipse Paint & Mfg. Co., Citizens' bldg
Federal Process Co.
Forest City Paint & Varnish Co., 3334 Lakeside av
Fuller Ralph L. & Co., Guardian bldg
Gibson-Homans Co., 2366 Woodhill rd, S E
Glidden Varnish Co., 1755 W Madison

NAVAL STORES—Rosin, Pine Oil, Turpentine

PAINT AND VARNISH MATERIALS

Pine Products—Rubber Materials

RALPH L. FULLER & CO., Inc.

NEW YORK—2 Rector Street CLEVELAND—Guardian Building PHILADELPHIA—Real Estate Trust Building
LONDON—17 Colonial House, Tooley Street, S. E-I. GENOA—136 Palazzo Nuova Borsa

OHIO—Cleveland—continued
- **Great Lakes Refining Co. ("Jet Black," elastic Roof & Metal)**
- Hascall Paint Co., W 70th
- Lino Paint Co. ("Lino" Metal), 16908 Waterloo rd
- McNairy A. B. & Co., 1163 E 40th
- Manhattan Paint Co., 1348 W 70th
- Monarch Paint Co., W 70th
- National Paint & Varnish Co., 8709 Kinsman rd
- Patterson-Sargent Co. ("B. P. S.")
- Pioneer Mfg. Co.
- Postal Paint & Color Co., 6420 Meech av
- Republic Paint & Lead Works, E 131 & Taft av
- Robertson Paint & Varnish Co., 9808 Meech av
- Sherwin-Williams Co.
- Tropical Paint & Oil Co., W 70th
- Ullman Philpott Co., 4805 Lexington
- U. S. Refining Co.
- Vaughan Paint Co., Columbus & Big 4
- Warren Refining & Chemical Co., 9420 Meech av

COLUMBUS—Ashbaugh Co.
- Dean & Barry Co., Locust & Ludlow
- Hanna Paint Mfg. Co. ("Green Seal" House Paint)
- Ohio Filler & Shield Co., 522 City av
- Shepard Paint Co., 19 E Long
- Wrinkle Paint Mfg. Co.

DAYTON—Irvin, Jewell & Vinson Co.
- Kay & Ess Co.
- Lowe Bros. Co.

HAMILTON—Reeder John S. (Cold Japan)
LOCKLAND—Carey Philip Mfg. Co., 330 Wayne av
MARIETTA—Marietta Paint & Color Co.
NOTTINGHAM—Lino Paint Co.
PLAINVILLE—Ferris O. J.
TOLEDO—Buckeye Paint & Varnish Co.
- Dolphin White Lead & Color Works
- Hardy Paint & Varnish Co.

WARREN—Warren Paint Co.

OREGON.

PORTLAND — Fisher, Thorsen & Co., Front & Morrison

PENNSYLVANIA.

ALLENTOWN—Allentown Mfg. Co.
BETHLEHEM—Bethlehem Paint Co.
- Erwin Henry & Sons (Metallic)

EASTON—**WILLIAMS C. K. & Co.** (Dry)
ERIE—Adam Bros. Co.
FRANKLIN—Reisenman Mfg. Co. (Ltd.)
JAMESTOWN—Jamestown Paint & Varnish Co.
JOHNSTOWN—Cambria Paint & Color Co.
LANCASTER—Lancaster Paint & Glass Co.
- Schroeder Paint Co.

McKEESPORT—Painter Joel T. Co.
MUNCY—Keystone Paint & Filler Co. ("Optimus")
PHILADELPHIA—Bean Lewis U. Co., 922 Cherry
- **BINSWANGER B. & CO.**, 827 N 3d
- Bridgeport Wood Finishing Works (Du Pont)
- Day Light Co., 24 S 7th
- Denny Hilborn & Rosenbach, 230 N 12th
- Felton, Sibley & Co., 136 N 4th
- Flexible Compound Co., 3607 Haverford
- French-Samuel H. & Co., 4th c Callowhill
- Germantown Varnish Color & Paint Co., 5434 Germantown av
- Graves N. Z. Corp., 22 S 3d
- Grogan H. F. & Co., 2113 E Sergeant
- Harrison Works (Du Pont), ("Town & Country" Ready Mixed, "Gold Medal" house), 35th & Grays Ferry rd
- Howell C. H. & Co., 212 Race
- Kahn Leopold & Co.
- Keystone Albumen & Paint Co., 1346 N Marston
- Lucas John & Co., 322 Race
- **NICE EUGENE E.**, 272 S 2d
  See adv index at end of book
- Pecora Paint Co. ("Pecora"), 4th & Sedgley av
- Phoenix Paint & Varnish Co., 124 Market
- Protectus Paint Company, North American bldg
- Pyramid Paint Co., 133 N 22d
- Rambo Theo. G., 981 N 2d
- Rinald Bros., 1142 N Hancock
- Sauter F. W. & Co., 909 N 9th
- Schrack C. & Co., 152 N 4th
- Shoemaker Robert & Co., 4th & Race (Wood Finishes)
- **THOMSON WOOD FINISHING CO.**, 835 N 3d
  See adv index at end of book
- Wetherill G. D. & Co., 114 N Front
- Wetherill & Bro., 126 S 30th
- Wilbur Job Co., ft. E Tioga
- Wiswall Paint Co., 2413 E Huntingdon
- Yarnall Paint Co., 1026 Race

PITTSBURGH—American Cold Japan Co. (Bridges, Roofs, Stacks, etc.)
- **COLONIAL SUPPLY CO.**, 217 Water
  See adv index at end of book
- Eagle Paint & Varnish Co., N S
- Fort Pitt Oil & Paint Co., 3209 Liberty
- Hommel O. Co., Hope & Maple
- Hydro Damp-Proofing & Engng. Co.
- Iron City Oil & Varnish Co., Franks-town & Inwood
- Lawrence W. W. & Co. ("Lawrence," The Best Paint)
- Nevin T. H. Co., Island & Preble
- Pittsburgh Paint Supply Co., 617 Liberty
- Pruett Schaffer Chemical Co.
- Sipe Jas. B & Co., Bessemer bldg,
- Sterling Varnish Co. (Varnish), Fulton bldg
- Suydam M. B. Co., 61st & Butler
- Thompson & Co., 1111 Galveston av, N. S.
- Union Paint Co., South av, & B. & O. R. R.
- Walters Mfg. Co., Fulton bldg

PULASKI—Reno Bros. Paint Co.
READING—Morgan Paint Co.
- Wilhelm A. Co.

SHAMOKIN—Zimmerman W. S.
SHARPSBURG—Atlas Paint Co.
SHIPPINSBURG—McPherson J. W. & Sons
SOUTH BEHLEHEM — Bethlehem Steel Co.
TULLYTOWN—Tully Paint & Varnish Co.
WASHINGTON—Capitol Paint & Varnish Co.
WILKES-BARRE — Wilkes-Barre Paint Co.
WILLIAMSPORT — Cheesman & Elliott (National Paint Works)
- Erieg Wm. J.

WYOMING—Wyoming Painting & Paint Mfg. Co.

RHODE ISLAND.

PROVIDENCE—Chaffee Thos. K. Co., 115 Wickendon
- Johnson Oliver & Co., 24 Custom House
- U. S. Gutta Percha Paint Co., 12-30 Dudley
- Wilbur J. Co.

SOUTH CAROLINA.

CHARLESTON—Moore-Leland Paint & Oil Co

TENNESSEE.

CHATTANOOGA—Chattanooga Paint Co.
- Lookout Paint Mfg. Co.

MEMPHIS—Bartholomew Roofing Co.
- De Soto Paint Mfg. Co.
- True-Tagg Paint Co.

NASHVILLE—Atlas Paint Co.
- Warren Paint & Color Co.

TEXAS.

DALLAS—Lincoln Paint & Color Co.
GALVESTON—Baulard V. L. & Co.
HOUSTON—Sherwin-Williams Co.
- Kuhn's Paint & Varnish Works

UTAH.

OGDON—Wasatch Ozokerite Co.
SALT LAKE CITY—Carbon Preservative Paint Co. ("C. P. P." Hydro-Carbon)

VERMONT.

SAXTON'S RIVER—Edson, Starks (Mineral)

VIRGINIA.

LYNCHBURG—National Paint & Manganese Co.
NEWPORT NEWS — Duristo Paint Co. ("Duristo")
NORFOLK—Jenkins Paint & Oil Co. ("Basol" Semi Liquid)
RICHMOND Alcatraz Co., Inc. (Roofing), 3200 Williamsburg av
- Tanner W. S. Paint Co., 1303 E Main

WASHINGTON.

SPOKANE—Jones & Dillingham
- Spokane Paint & Oil Co.

TACOMA—Mashell Paint Co.
- Pacific Glass & Paint Co.

WEST VIRGINIA.

HUNTINGTON—Ashland Paint Co.
- Standard Ultramarine Co.

WHEELING—Wilson W. A. & Sons (Jobbers), 1409 Main

WISCONSIN.

IRON RIDGE—Winter's Metallic Paint Co.
MILWAUKEE—O'Neil Oil & Paint Co., So. Water
- Patton Paint Co.
- Retardo Fire Proof Paint Co., 416 E North av
- Ricketson Mineral Paint Works (Iron Ore), South Bay
- Zummach Wm. F., 283 W Water

OSHKOSH—Parker Ira & Sons Co.
STEVENS POINT—Wisconsin Graphite Co.

10526—Paint Mfrs.' Color Cards

Adams & Elting Co., 726 Wash. blvd, Chicago, Ill.
Bradt Paint Specialty Co., Troy, N. Y.
Braithwaite C. W. Co., 300 S Racine av, Chicago, Ill.
Estes E. B. & Sons (Wood), 364 5th av, New York. *See adv index at end of book*
Kinsey & Johnson, 230 Pearl, Cincinnati O.
La Clede Mfg. Co., Buffalo, N. Y.
Morrison Chas. C. Co. (For Mixed Paint, etc), 15 S Clinton, Chicago, Ill.
White W. J. & Co., Detroit, Mich.

10526a— *Paint Sprayers

For Oil Paints and Varnishes, using compressed air for atomizing. We also build Whitewash Sprayers.

MACLEOD CO., 2227 Bogen St., Cincinnati, O.

10527—Paint & Varnish Remover

Acme White Lead & Color Works ("Acme"), Detroit, Mich.
Adams & Elting Co. ("Ad-el-ite"), 726 Washington blvd, Chicago, Ill.
Albany Chemical Co. ("Albany" Paint & Varnish Remover), Albany, N. Y.
Arnstein Eugene ("Blitz"), 45 W 26th, Chicago, Ill.
Atlantic Drier & Varnish Co. ("Takitof"), Meadow & Wolf, Phila., Pa.
Ball Chemical Co. ("Ball's"), Fulton bldg, Pittsburgh, Pa.
Berry Bros. ("Apex"), Detroit, Mich.
Bird J. A. & W. & Co. ("Mistic"), 88 Pearl, Boston, Mass.
Boston Varnish Co. ("Boston"), Everett Station, Boston, Mass.
Boyle A. S. Co. ("Var-ni-go"), 1934 Dana av, Cincinnati, O.
Bradley & Vrooman Co. ("Crown"), 2632 S Dearborn, Chicago, Ill.
Bridgeport Wood Finishing Works (Du Pont), ("Bridgeport Standard"), Philadelphia, Pa.
Brooklyn Varnish Mfg. Co. ("Peerless"), 35 Nostrand av, Brooklyn, N. Y.
Burbank & Ryder ("Bunker Hill"), Boston, Mass.
Calman Emil & Co. ("Zymolite"), 100 William, New York
Campbell Glass & Paint Co. ("Cleanoff"), 816 N 7th, St. Louis, Mo.
Century Mfg. Co., 272 W. Genessee, Buffalo, N. Y.
Chadeloid Chemical Co., 100 William, New York
Chalmers Chemical Co. ("Phenoid"), 115 Chestnut, Newark, N. J.
Chicago White Lead & Oil Co. ("Magic"), 1454 S Western av, Chicago, Ill.

Crockett D. B. Co. ("E. Z."), Bridgeport, Conn.
De Ronde Frank S. ("De Ronde"), 24 Stone, New York
Detroit White Lead Works ("Ab-lu-ent"), Detroit, Mich.
Eberson Lindslay Paint Co. ("V. & P. Solvent"), 1832 Morgan, St. Louis, Mo.
Enterprise Paint Mfg. Co. ("Noall"), 854 W Van Buren, Chicago, Ill.
Flint Varnish & Color Works ("Re-movit"), Flint, Mich.
Forest City Paint & Varnish Co. ("Forest City"), 3334 Lakeside av, Cleveland, O.
Fuller W. P. & Co. ("Conqueror"), 301 Mission, San Francisco, Cal.
Gillespie Chas. H. & Sons ("Monarch Bull Dog"), Dey, Jersey City, N. J.
Glidden Varnish Co. ("Glidden's"), 1755 W. Madison, Cleveland, O.
Gould & Cutler ("Eclipse"), **45 Sudbury,** Boston, Mass.
Harrison Works (Du Pont), ("Harrisons"), 35th & Grays Ferry rd, Philadelphia, Pa.
Heath & Milligan Mfg. Co. ("Wizard"), 1833 Seward, Chicago, Ill.
Indianapolis Paint & Color Co. ("Rapid"), Indianapolis, Ind.
Johnson S. C. & Son ("Johnson's Electric Solvo"), Racine, Wis.
Keystone Varnish Co. ("23-Skiddo"), 71 Otsego, Brooklyn, N. Y.
Lawrence W. W. & Co. ("Klean-itt"), N Carson, Pittsburgh, Pa.
Lincoln Paint & Color Co. ("Lincoln"), Lincoln, Neb.
Lucas John & Co. ("Mirac"), 322 Race, Phila., Pa.
McPhee & McGinnity Co. ("Magic Solvent"), Denver, Colo.
Messenger F. H. Co., Auburn, N. Y.
Moller & Schumann Co. ("Hilo"), Marcy av, Brooklyn, N. Y.
NICE EUGENE E., 272 S 2d, Phila., Pa.
See adv index at end of book
Palmer-Price Co. ("Eureka"), 270 Chestnut, Newark, N. J.
Parrott Varnish Co., ("Parrott"), Bridgeport, Conn.
Patterson-Sargent Co. ("B. P. S."), Cleveland, O.
Patton Paint Co. ("Patton's"), Milwaukee, Wis.
Peninsular Paint & Varnish Co. ("Peninsular"), Detroit, Mich.
Perry-Austen Mfg. Co. ("Instint"), Grasmere, S. I., N. Y.
Pratt & Lambert ("Expedite"), **Buffalo,** N. Y.
Prince Jas. H. Paint Co. ("Zip"), 5 Lancaster, Boston, Mass.
Sherwin-Williams Co. ("Taxite"), Cleveland, O.
Standard Varnish Works ("Klensa"), 90 West, New York
Thurston F. W. Co. ("Kut-Kote"), 1832 S Clark, Chicago, Ill.
Twin City Varnish Co. ("Kum-Off"), 521 Cleveland av, St. Paul, Minn.
Wadsworth-Howland Co. ("Jewel"), 225 N Carpenter, Chicago, Ill.
Wadsworth-Howland & Co. (Inc.), ("Magic"), 141 Federal, Boston, Mass.
Watson Geo. E. Co. ("Faultless"), 62 W Lake, Chicago, Ill.
Wilhelm A. Co. ("Wilhelm"), Reading, Pa.
Wilson Remover Co., 115 Chestnut, Newark, N. Y.

Painting Sprays (Compressed Air)

See Pneumatic Painting Machines; also Paint & Whitewash Spraying Machines

10528— Paints (Acid Proof)

Alcatraz Co., Inc., 3200 Williamsburg av, Richmond, Va.
American Bitumastic Enamels Co. ("Hermastic"), 17 Battery pl, New York
American Chemical & Mfg. Co. ("Hippo"), Norfolk, Va.
Antakwa Co., 133 W Washington, Chicago, Ill.
Arco Co., Euclid av & E 65th, Cleveland, O.
Arlington Mfg. Co., Canton, O.
Barrett Co., 17 Battery pl, New York
Becker-Moore Paint Co., 1219 Olive, St. Louis, Mo.
Bradford Jas. Co., 8 E 3d, Wilmington, Del.
Cabot Samuel (Inc.), 141 Milk, Boston, Mass.
Canfield Oil Co., Cleveland, O.
Carbon Preservative Paint Co. ("C. P. P." Hydro-Carbon), Salt Lake City, Utah
Chesapeake Oil Co., Stockholm & Peach alley, Baltimore, Md.
Doggett Stanley, 11 Cliff, New York
Elaterite Paint & Mfg. Co. ("Des Moines Elaterite"), **Des Moines, Ia.**
Federal Process Co., Cleveland, O.
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, Ohio
Glidden Varnish Co., 1755 W Madison, Cleveland, O.
Jones Paint Co., Rome, N. Y.
Maire Paint Co., 329 Boston blk, Minneapolis, Minn.
Minwax Co., 18 E 41st ("Minwax"), New York
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
Nice Eugene E., 272 S 2d, Phila., Pa.
See adv index at end of book
Ohmlac Mfg. Co., 140 S Dearborn, Chicago, Ill.
Patterson-Sargent Co., Cleveland, O.
Riesenman Mfg. Co., Ltd., Franklin, Pa.
Rinald Bros., 1142 N Hancock, Phila., Pa.
Semet-Solvay Co. ("Solvay"), Syracuse, N. Y.
Sherwin-Williams Co. ("Ajax" Finishers), Cleveland, O.
Sipe Jas. B. & Co., Bessemer bldg, Pittsburgh, Pa.
Skinner Douglas Paint Co., Kansas City, Mo.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York
Suydam M. B. Co., 61st & Butler, Pittsburgh, Pa.
Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.
Zibell Damp Resisting Paint Co., 273 Water, New York

10529—Paints (Aluminum & Gold)

Adams & Elting Co. (Aluminum), 726 Washington blvd, Chicago, Ill.
Arlington Mfg. Co., Canton, O.
Arnstein Eugene, 45 W 26th, Chicago, Ill.
Baer Bros., 438 W 37th, New York
Becker-Moore Paint Co., 1219 Olive, St. Louis, Mo.
Berry Bros. ("Aluminum"), Detroit, Mich.
BINSWANGER B. & CO., 827 N 3rd, Phila., Pa.
Bronze Powder Works Co., Elizabeth, N. J.
Buffalo Oil, Paint & Varnish Co., Buffalo, N. Y.
Chicago Gold Enamel Co. (Washable Gold), Monadnock blk, Chicago, Ill.
Connors Wm. Paint Mfg. Co. ("American Seal"), Troy, N. Y.
Detroit White Lead Works, Detroit, Mich.
Devoe & Raynolds Co., Inc. ("Alustrium," "Dragon," "Brilliantine," Enamel Gold), 101 Fulton, New York
Drakenfeld B. F. & Co., 50 Murray, New York
Du Pont Chemical Works ("Carpo" Paint, Pegamoid Aluminum & Tar), 120 B'way, New York
Forest City Paint & Varnish Co., 3334 Lakeside Ave., Cleveland, O.
French Sam'l H. & Co., 4th & Callowhill, Phila., Pa.
Gerstendorfer Bros. ("Sapolin"), 221 E 42d, New York
Glidden Varnish Co. ("Jap-a-lac"), 1755 W Madison, Cleveland, O.
Harrison Works (Du Pont), (Aluminum), 35th & Gray's Ferry rd, Phila., Pa.
Heath & Milligan Mfg. Co. ("Luna" Aluminum), 1833 Seward, Chicago, Ill.
Hemmerdinger L. & Co., 438 E 123d, New York
Hommel O. Co., Hope & Maple, Pittsburgh, Pa.
Kay & Ess Co., Dayton, O.
Lawrence W. W. & Co. ("Lawrence," "Fort Pitt," "Royal"), W Carson, Pittsburgh, Pa.
Lincoln Paint & Color Co., Lincoln, Neb.
Martin-Senour Co. (Aluminum "Monarch"), 2520 Quarry, Chicago, Ill.
Montauk Paint Mfg. Co. ("Montauk," Aluminum & Silver & Gold), 2d av & 13th, Brooklyn, N. Y.
Moser Chas. Co., Cincinnati, O.
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
Nice Eugene E., 272 S 2d, Phila., Pa.
See adv index at end of book
Nubian Paint & Varnish Co., 1856 Leciaire av, Chicago, Ill.
Patton Paint Co. (Alum.), Milwaukee, Wis.
Rath Mfg. Co. ("Swiss Silverito" Aluminum & "Swiss Goldbrite," Gold), Headley E of Richmond, Phila., Pa.
St. Paul White Lead & Oil Co. ("Lion"), Water & Starkey, St. Paul, Minn.
Sherwin-Williams Co., Cleveland, O.
Tucker Mfg. Co., 17 E 137th, New York
Wadsworth, Howland & Co., 141 Federal, Boston, Mass.

10530— Paints (Asbestos)

Acme Asbestos Covering & Supply Co., 404 N Ada, Chicago, Ill.
See adv index at end of book
Acme White Lead & Color Works, Detroit, Mich.
American Roofing Co., Kansas City, Mo.
Arco Co., Euclid Ave. & E, 65th, Cleveland, O.
Becker-Moore Paint Co., 1219 Olive, St. Louis, Mo.
Bradford Jas. Co., 8 E 3d, Wilmington, Del.
Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
Chesapeake Oil Co., Stockholm & Peach alley, Baltimore, Md.
Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa.
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
Patton Paint Co. ("Sun Proof"), Milwaukee, Wis.
Sall Mountain Co., 230 S La Salle, Chicago, Ill.
Watson H. F. Co., Erie, Pa.

10531— Paints (Asphalt)

All Roofing Mfg. Co. ("Amco"), 1843 Converse av, E St. Louis, Ill.
Arco Co., Euclid Ave. & E. 65th, Cleveland, O.
Armstrong Paint & Varnish Works ("Diamond Oil Black"), 2502 Paulina, Chicago, Ill.
Atlantic Paint Co., Cleveland, O.
Atlas Co., Lincoln, N. J.
Barber Asphalt Paving Co. ("Titekote"), Land Title bldg, Phila., Pa.
Barrett Co., 17 Battery pl, New York
Becker-Moore Paint Co., 1219 Olive, St. Louis, Mo.
Bradford Jas. Co., 8 E 3d, Wilmington, Del
Canfield Oil Co., Cleveland, O.
Densmore-Stabler Refining Co., Los Angeles, Cal.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
Fort Pitt Oil & Paint Co., 3209 Liberty av, Pittsburgh, Pa.
General Roofing Mfg. Co., Boatman's Bank bldg, St. Louis, Mo.
Hammond Asphalt Products Co., Hammond, Ind.
Kay & Ess Co., Dayton, O.
McHenry-Millhouse Mfg. Co., South Bend, Ind.
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
CHARLESTON—Moore-Leland Paint &
National Roofing Co., Tonawanda, N. Y.
Nice Eugene E., 272 S 2d, Phila., Pa.
See adv index at end of book
Patent Vulcanite Roofing Co. ("Vulcanite"), 2256 W 49th, Chicago, Ill.
Skinner Douglas Paint Co., Kansas City, Mo.
Stickney J. W. & Co., Boston, Mass.
Stowell Mfg. Co., 240 Culver av, Jersey City, N. J.
Suydam M. B. Co., 61st & Butler, Pittsburgh, Pa.
Texas Company, 17 Battery pl, New York
Trinidad Asphalt Mfg. Co., Title Guaranty Trust bldg, St. Louis, Mo.
Walters Mfg. Co., Fulton bldg, Pittsburgh, Pa.
Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.

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10532—Paints (Asphaltum)

ALCATRAZ CO., INC. ("Blackat"), 3200 Williamsburg av, Richmond, Va.
All Roofing Mfg. Co. ("Amco"), 1843 Converse av, East St. Louis, Ill.
American Bitumastic Enamels Co., ("Hermastic"), 17 Battery pl, New York
Arlington Mfg. Co., Canton, O.
Armstrong Paint & Varnish Works, 2502 S Paulina, Chicago, Ill.
Bayway Chemical Co. (Coal Tar), Elizabeth, N. J.
Becker-Moore Paint Co., 1219 Olive, St. Louis, Mo.
Canfield Oil Co., Cleveland, O.
Climax Refining Co., Williamson bldg, Cleveland, O.
Cortland Specialty Co. ("Banner" Black), Cortland, N. Y.
Detroit White Lead Works, Detroit, Mich.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Doggett Stanley, 11 Cliff, New York
Eagle Paint & Varnish Co., N S, Pittsburgh, Pa.
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
General Roofing Mfg. Co., 17th & Southern Ry, East St. Louis, Ill.
Jamestown Paint & Varnish Co., Jamestown, Pa.
Kay & Ess Co., Dayton, O.
McHenry-Millhouse Mfg. Co.,, South Bend, Ind.
Masury Jno. W. & Son, 50 Jay, Brooklyn, N. Y.
Mitchell-Rand Mfg. Co., 99 John, New York
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
NICE EUGENE CO., 272 S 2d, Phila., Pa.
See adv index at end of book
Nubian Paint & Varnish Co., 1856 Leclaire av, Chicago, Ill.
Otley Paint Mfg. Co. ("Eureka"), 1742 N Winchester av, Chicago, Ill.
Patterson-Sargent Co., Cleveland, O.
Perry Derrick Varnish Co., 1660 Central av, Cincinnati, O.
St. Louis Surfacer & Paint Co., Arlington & Terminal & Belt Line, St. Louis, Mo.
Sipe Jas B. & Co., Bessemer bldg, Pittsburgh, Pa.
Thompson & Co., 1111 Galveston av, Pittsburgh, Pa.
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.
Walters Mfg. Co., Fulton bldg, Pittsburgh, Pa.
Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.
Wilhelm A. Co., Reading, Pa.

10533-4— Paints (Barrel)

Becker-Moore Paint Co., 1219 Olive, St. Louis, Mo.
California Paint Co., Oakland, Cal.
Canfield Oil Co., Cleveland, O.
Chesapeake Oil Co., Stockholm & Peach alley, Baltimore, Md.
Devoe & Raynolds Co., 101 Fulton, New York
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
French Sam'l H. & Co., 4th & Callowhill, Phila., Pa.
Heller & Merz Co., 503 Hudson, New York
Lawrence W. W. & Co., W Carson, Pittsburgh, Pa.
Lucas Jno. & Co., 322 Race, Phila., Pa.
Masury John W. & Son, 50 Jay, Brooklyn, N. Y.
Moser Chas. Co., Cincinnati, O.
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
Patterson-Sargent Co., Cleveland, O.
Pyramid Paint Co., 133 N 22d, Phila., Pa.
Riesenman Mfg. Co. (Ltd.), Franklin, Pa.
St. Paul White Lead & Oil Co. ("Lion"), Water & Starkey, St. Paul, Minn.
Sipe Jas B. & Co., Bessemer bldg, Pittsburgh, Pa.
Standard Ultramarine Co., Huntington, W. Va.
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.
Warren Paint Co., Warren, O.

Paints (Bath-Tub)

See Enamels, Bath Tub

10535—*Paints (Blackboard)

Hammett J. L. Co., Kendall sq, Cambridge, Mass.
Nice Eugene E., 272 S 2d, Phila., Pa.
See adv index at end of book

10536-7—Paints (Brick and Concrete)

Adams & Elting Co. ("Ad-el-ite"), 726 Washington blvd, Chicago, Ill.
Allentown Mfg. Co., Allentown, Pa.
American Bitumastic Enamels Co. ("Hermastic"), 17 Battery pl, New York
Antakwa Co., 133 W Washington, Chicago, Ill.
Antox Paint Co., Indianapolis, Ind.
Arco Co., Euclid & E 65th, Cleveland, O.
Arlington Mfg. Co., Canton, O.
Becker-Moore Paint Co., 1219 Olive St., Louis, Mo.
Billings-Chapin Co., Cleveland, O.
California Paint Co., Oakland, Cal.
Canfield Oil Co., Cleveland, O.
Ceresit Waterproofing Co. ("Cem-bric Covering Compound"), 110 S Dearborn, Chicago, Ill.
Chesapeake Oil Co., Stockholm & Peach Alley, Baltimore, Md.
Chilton Paint Co., College Point, L. I., N. Y.
CONCRETE WATERPROOF PAINT CO. ("Kling Koat"), 827 N 3d, Phila., Pa.
Cooledge F. J. & Sons, Atlanta, Ga.
Denny Hilborn & Rosenbach ("D. H. R."), 230 N 12th, Phila., Pa.
Devoe & Raynolds Co., Inc. ("Derayco"), 101 Fulton, New York
Durabla Mfg. Co. ("Comos"), 114 Liberty, New York
Elaterite Paint & Mfg. Co. ("Des Moines Elaterite"), Des Moines, Ia.
Federal Process Co., Cleveland, O.

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Feigel M. & Bro. ("D. R. P."), 185 Wooster, New York
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
FOX M. EWING CO. ("Permanite" & "Permanite," "Whitenite," "Cemenite" Water Paints), 241 E 136, New York
See adv index at end of book
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
Glidden Varnish Co. ("Alkali Proof Wall Size," "Concrete Floor Dressing," "Stucolor," "Liquid Cement Coating," "Liquid Cement Filler," "Waterproof White Finish," "Waterproof Flat Finish," "French Caen Stone Finish," "Transparent Waterproofing," Liquid Concrete," "Liquid Rubber," "Liquid Rubber Cement," "Colorless Waterproofing," "White Cement Enamel," Daylite Mill White), 1755 W Madison, Cleveland, O.
Hanna Paint Mfg. Co., Columbus, O.
Imperial Paint Co. ("Impaco"), 80 10th Long Island City, N. Y.
Jenkins Paint & Oil Co., Norfolk, Va.
Jones Paint Co., Rome, N. Y.
Lawrence W. W. & Co., W Carson, Pittsburgh, Pa.
Lucas Jno. & Co., 322 Race, Phila., Pa.
Masury Jno. W. & Son, 50 Jay, Brooklyn, N. Y.
Murillo Paint Co. ("Concredo"), Binghamton, N. Y.
National Roofing Co., Tonawanda, N. Y.
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
NICE EUGENE CO., 272 S 2d, Phila., Pa.
See adv index at end of book
Nubian Paint & Varnish Co. ("Con-Kre-Kole"), 1856 Leclaire av, Chicago, Ill.
Patterson-Sargent Co. ("B. P. S."), Cleveland, O.
Pecora Paint Co., 4th & Sedgley av, Phila., Pa.
Postal Paint & Color Co., 6420 Meech av, Cleveland, O.
Pyramid Paint Co. ("Macnichols"), 133 N 22d, Phila., Pa.
Richmond Bros. ("Cemeline"), 616 Main, Cincinnati, O.
Rinald Bros., 1142 N Hancock, Phila., Pa.
St. Paul White Lead & Oil Co., Water & Starkey, St. Paul, Minn.
Sike Jas. B. & Co., Bessemer bldg, Pittsburgh, Pa.
Skinner Douglas Paint Co., Kansas City, Mo.
THOMSON WOOD FINISHING CO, (Concrete Waterproof), 827 N 3d, Phila., Pa. *See adv index at end of book*
Toch Bros. ("R. I. W.," Interior, "Liquid Konkerit" Exterior), 320 5th av, New York
Tropical Paint & Oil Co. ("Cementkote," "Elastikote"), W 70th, Cleveland, O.
U. S. Gutta Percha Paint Co., 1230 Dudley, Providence, R. I.
Wadsworth, Howland Co. ("Bay State"), 141 Federal, Boston, Mass.
Warren Paint & Color Co., Nashville, Tenn.
Warren Refining & Chemical Co., 9420 Meech av, Cleveland, O.
Waterall Wm. & Co. ("Cementco"), Camden, N. J.
West Coast Kalsomine Co. ("Wesco"), West Berkeley, Cal.
Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.
Wilhelm A. Co., Reading, Pa.

Paints (Bridge)

See Paints for Coating & Preserving Iron & Steel

10538— Paints (Carbon)

Antakwa Co., 133 W Washington, Chicago, Ill.
Arlington Mfg. Co., Canton, O.
Armstrong Paint & Varnish Works ("Karbon Kote"), 2502 S Paulina, Chicago, Ill.
Becker-Moore Paint Co., 1219 Olive, St. Louis, Mo.
Chesapeake Oil Co., Stockholm & Peach Alley, Baltimore, Md.
Duristo Paint Co. ("Duristo"), Newport News, Va.
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
Jenkins Paint & Oil Co. ("Delhi"), Norfolk, Va.
Moser Chas. Co. ("Durbon"), Cincinnati, Ohio
National Roofing Co., Tonawanda, N. Y.
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
Nice Eugene E., 272 S 2d, Phila., Pa.
See adv index at end of book
Patterson-Sargent Co., Cleveland, O.
Richmond Bros., 616 Main, Cincinnati, O.
Sherwin-Williams Co., Cleveland, O.
U. S. Graphite Co., Saginaw, Mich.
Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.

Paints (Cement)

See Paints, Brick & Concrete

10539—Paints (Cold Japan)

American Cold Japan Co. (Bridges, Roofs, Stacks, etc.), Pittsburgh, Pa.

10540—Paints (Cold Water)

See also Kalsomine Mfrs.

Acme Asbestos Covering & Supply Co. ("Acme," Interior & "Bell" Fireproof & Waterproof Exterior), 404 N Ada, Chicago, Ill. *See adv index at end of book*
Acme White Lead & Color Works, Detroit, Mich.
Adams & Elting Co., 726 Washington blvd, Chicago, Ill.
Arlington Mfg. Co., Canton, O.
Becker-Moore Paint Co., 1219 Olive, St. Louis, Mo.
Bird J. A. & W. & Co. ("Petrol," "Magnite," "Bird"), 88 Pearl, Boston, Mass.
Brown Chas. H. Paint Co., 188 Montague, Brooklyn, N. Y.
California Paint Co., Oakland, Cal.
Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
Columbia Refining Co. ("Aqualite" Fire & Weatherproof; also "Muraltint" & "White Rose"), 90 West, New York
Connors Wm. Paint Mfg. Co., Troy, N. Y.
De Soto Paint Mfg. Co. ("Memphi"), Memphis, Tenn.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Edson Starks ("Mineralba"), Saxton's River, Vt.
Federal Asbestos Co., Milwaukee, Wis.
Flintkote Co. ("Magnite"), 88 Pearl, Boston, Mass.
FOX M. EWING CO. ("Permanite" & "Permanite," "Whitenite," "Cemenite" Water Paints), 241 E 136th, New York
See adv index at end of book
French Sam'l H. & Co., 4th & Callowhill, Phila., Pa.
Frescoat Co., Grand Rapids, Mich.
Gilman Paint & Varnish Co., Chattanooga, Tenn.
Hammond Paint & Slug Shot Works, Beacon, N. Y.
Hardie Mfg. Co. ("Stay There" Fire & Waterproof), Hudson, Mich.
Johns H. W.-Manville Co. ("J-M Fire-Fireproof"), Madison av & 41st, New York
King J. B. & Co. ("King's Perfected"), 17 State, New York
King Paint Mfg. Co. ("King's"), 449 Kent av, Brooklyn, N. Y.
Lawrence W. W. & Co., W Carson, Pittsburgh, Pa.
Mikesell Bros. Co., 176-178 N La Salle, Chicago, Ill.
Moser Chas. Co., Cincinnati, O.
Munns E. A. Kalsomine Co., 217 Fulton, Brooklyn, N. Y.
Muralo Co. ("Indelible"), Richmond Ter., New Brighton, Borough of Richmond, New York
Murphy Chas. J. & Co., 332 N Calvert, Baltimore, Md.
Nice Eugene E., 272 S 2d, Phila., Pa.
See adv index at end of book
Paragon Plaster Co., 300 W Water, Syracuse, N. Y.
Richmond Bros., 616 Main, Cincinnati, O.
Tucker Mfg. Co., 17 E 137th, New York
Warren Refining & Chemical Co., 9420 Meech av, Cleveland, O.
West Coast Kalsomine Co. ("Wesco" Velvet Tints & Wall Colors), West Berkeley, Cal.
Whittaker, Clark & Daniels, Inc., 250 Front, New York
Wilhelm A. Co., Reading, Pa.
Winn Wm. R. ("Winn"), 488 Cherry, New York

10541— Paints (Copper)

See also Paints, Marine

Amalgamated Paint Co., Pier 11, North River, New York
Antox Paint Co., Indianapolis, Ind.
Arlington Mfg. Co., Canton, O.
Armstrong Paint & Varnish Works ("Kopper-Kote"), 2502 S Paulina, Chicago, Ill.
Baltimore Copper Paint Co., Key Highway & Covington, Baltimore, Md.
BINSWANGER B. & CO., 827 N Third, Phila., Pa.
Briggs John & Co. ("Champion" Ready Mixed), 45 Purchase, Boston, Mass.
Brown Chas. H. Paint Co. ("Satina"), 188 Montague, Brooklyn, N. Y.
CALIFORNIA PAINT CO., Oakland, Cal.
Chesapeake Oil Co., Stockholm & Peach alley, Baltimore, Md.
Chilton Paint Co., College Point, L. I., N. Y.
Debevoise Company And Ship Composition), 968 Grand av, Brooklyn, N. Y.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Duristo Paint Co. ("Duristo"), Newport News, Va.
French Saml H. & Co., 4th & Callowhill, Phila., Pa.
Henderson & Johnson, Gloucester, Mass.
Howell C. H. & Co., 212 Race, Phila., Pa.
Knowlton Dallas, Washington, D. C.
Kuhls H. B. Fred ("Elastic"), 6413 3d av, Brooklyn, N. Y.
Longman & Martinez, 54 Maiden la, New York
Lucas Jno. & Co., 322 Race, Phila., Pa.
Miller & Graham, 21 S Gay, Baltimore, Md.
Mott Haven Color Works, 395 Mott av, New York
New Jersey Paint Works (H. Louderbough, Prop.), Wayne, Jersey City, N. J.
Nice Eugene E., 272 S 2d, Phila., Pa.
See adv index at end of book
Pierce F. O. Co., 10 E 43d, New York
Sherwin-Williams Co., Cleveland, O.
Skinner Douglas Paint Co., Kansas City, Mo.
Tarr Jas. H. Co. (Marine), Gloucester, Mass.
Tarr & Wonson, Gloucester, Mass.
Wadsworth Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.
Warren Paint & Color Co., Nashville, Tenn.
Woolsey C. A. Paint & Color Co., 500 Grand, Jersey City, N. J.

10542—*Paints (Damp Resisting)

See also Paints, Brick & Concrete; also Waterproofing Materials

American Bitumastic Enamels Co. ("Hermastic"), 17 Battery pl, New York
California Paint Co., Oakland, Cal.
Carbolineum Wood Preserving Co. of N. Y., 41 Greene, New York
Garden City Sand Co., Chamber of Commerce bldg, Chicago, Ill.

10543— Paints (Dipping)

Antakwa Co. ("Antakwa"), 133 W Washington, Chicago, Ill.
Arco Co., Euclid & E 65th, Cleveland, O.
Arlington Mfg. Co., Canton, O.
Becker-Moore Paint Co., 1219 Olive, St. Louis, Mo.
Canfield Oil Co., Cleveland, O.
Canton Paint & Glass Co., Canton, O.
Detroit White Lead Works, Detroit, Mich.
French Sam'l H. & Co., 4th & Callowhill, Phila., Pa.
Gilman Paint & Varnish Co., Chattanooga, Tenn.
Lowe Bros. Co., Dayton, O.
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
Nice Eugene E., 272 S 2d, Phila., Pa.
See adv index at end of book
Patterson-Sargent Co., Cleveland, O.
Pecora Paint Co., 4th & Sedgley av, Phila., Pa.
Riesenman Mfg. Co. (Ltd.), Franklin, Pa.
Rinald Bros., 1142 N Hancock, Phila., Pa.

PAINTS (DIPPING)—continued

St. Paul White Lead & Oil Co., Water & Starkey, St. Paul, Minn.
Sherwin-Williams Co., Cleveland, O.
Sipe Jas. B. & Co., Bessemer bldg, Pittsburgh, Pa.
THOMSON WOOD FINISHING CO., 827 N 3d, Phila., Pa.
See adv index at end of book
United States Graphite Co., Saginaw, Mich.
Wadsworth Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.
Walters Mfg. Co., Fulton bldg, Pittsburgh, Pa.
Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.

Paints (Enamel)

See Enamels

10544—*Paints (Enamel "Porcelite")

THOMSON WOOD FINISHING CO., 827 N 3rd, Phila., Pa.
See adv index at end of book

10545— *Paints (Fireproof)

Hoff, John D., Asbestos Co. ("Hoffite Asbestos"), Monadnock bldg, San Francisco, Cal.

10546—Paints (Fire Resisting)

Acme Asbestos Covering & Supply Co. (For Spray Pumps & Brushes), 404 N Ada, Chicago, Ill. *See adv index at end of book*
Acme White Lead & Color Wks., Detroit, Mich.
American Cold Japan Co., Pittsburgh, Pa.
Antox Paint Co., Indianapolis, Ind.
Arco Co., Euclid & E 65th, Cleveland, O.
Arlington Mfg. Co., Canton, O.
Becker-Moore Paint Co., 1219 Olive, St. Louis, Mo.
BINSWANGER B. & CO., 827 N Third, Phila., Pa.
Bradford Jas. Co. 8 E 3rd, Wilmington, Del.
Canton Paint & Glass Co., Canton, O.
Chesapeake Oil Co., Stockholm & Peach alley, Baltimore, Md.
Chilton Paint Co., College Point, L. I., N. Y.
Detroit Graphite Co., Detroit, Mich.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Dixon Joseph Crucible Co., Jersey City, N. J.
Elaterite Paint Mfg. Co. ("Des Moines Elaterite"), Des Moines, Ia.
Federal Asbestos Co., Milwaukee, Wis
Federal Process Co., Cleveland, O.
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
Fort Pitt Oil & Paint Co., 3209 Liberty, Pittsburgh, Pa.
FOX M. EWING CO. ("Permanite" Water Paint), 241 E 136th, New York
See adv index at end of book
French Sam'l H. & Co., 4th & Callowhill, Phila., Pa.
Great Lakes Refining Co. ("Jet Black"), Cleveland, O.
Hoff, John D., Asbestos Co. ("Hoffite"), Monadnock bldg, San Francisco, Cal.
Hydro Damp-Proofing & Engineering Co., Pittsburgh, Pa.
Ironsides Co., Columbus, O.
Jones Paint Co. ("Roofcoat"), Rome, N. Y.
Lowe Bros. Co., Dayton, O.
Lucas John & Co., 322 Race, Phila., Pa.
Maire Paint Co., 329 Boston blk, Minneapolis, Minn.
Nice Eugene E., 272 S 2d, Phila., Pa.
See adv index at end of book
Ohmlac Mfg. Co., 140 S Dearborn, Chicago, Ill.
Patterson-Sargent Co., Cleveland, O.
Patton Paint Co. (Asbestos), Milwaukee, Wis.
Pecora Paint Co., 4th & Sedgley av., Phila., Pa.
Postal Paint & Color Co., 6420 Meech av, Cleveland, O.
Price Fire & Water Proofing Co. ("Fire Foe" For Wood & Interior Decoration), Poughkeepsie, N. Y.
Pyrolin Co. ("Pyrolin"), Fort Dodge, Ia.
Riesenman Mfg. Co. (Ltd.), Franklin, Pa.
Rinald Bros., 1142 N Hancock, Phila., Pa.
Semet-Solvay Co. ("Solvay"), Syracuse, N. Y.
Stowell Mfg. Co., 240 Culver av, Jersey City, N. J.
Suydam M. B. Co., 61st & Butler, Pittsburgh, Pa.
Toch Bros. ("199 C. W." Paint), 320 5th av, New York
U. S. Gutta Percha Paint Co., 12-30 Dudley, Providence, R. I.
U. S. Refining Co., Cleveland, O.
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.
Walters Mfg. Co., Fulton bldg, Pittsburgh, Pa.
Warren Refining & Chemical Co., 9420 Meech av, Cleveland, O.
Watson H. F. Co., Erie, Pa.
Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.

10547—*Paints (Flat Wall)

CALIFORNIA PAINT CO., Oakland, Cal.
NICE EUGENE CO., 272 S 2d, Phila., Pa.
See adv index at end of book
Pecora Paint Co., 4th & Sedgley av., Phila, Pa.
THOMSON WOOD FINISHING CO., 827 N 3rd, Phila., Pa.
See adv index at end of book

10548—Paints for Coating & Preserving Iron & Steel

Acheson Graphite Co. (Graphite), Niagara Falls, N. Y.
Acme White Lead & Color Wks., Detroit, Mich.
Adams & Elting Co. ("Ad-el-ite"), 726 Washington blvd, Chicago, Ill.
ALCATRAZ CO., INC., 3200 Williamsburg av, Richmond, Va.
All Roofing Mfg Co. ("Armco"), 1843 Converse av, E St. Louis, Ill.
Allen Anti-Rust Mfg. Co., Glenn bldg, Cincinnati, O.
American Bitumastic Enamels Co. ("Hermastic"), 17 Battery pl, New York.
American Chemical & Mfg. Co. ("Hippo"), Norfolk, Va.
American Cold Japan Co., Pittsburgh, Pa.
Antakwa Co., 133 W Washington, Chicago, Ill.
Antox Paint Co., Indianapolis, Ind.
Arco Co., Euclid av. & E 65th, Cleveland, O.
Arlington Mfg. Co. ("Carbonelastic" Coating), Canton, O.
Atlas Paint Co., Nashville, Tenn.
Ball Chemical Co., Fulton bldg, Pittsburgh, Pa.
Barrett Co. ("Everjet Elastic," "Monitor" Metal), 17 Battery pl, New York
Bayway Chemical Co. (Coal Tar Asphaltum), Elizabeth, N. J.
Becker-Moore Paint Co., 1219 Olive, St. Louis, Mo.
Bethlehem Steel Co. ("Cunningham" Coal Tar), S Bethlehem, Pa.
Billings-Chapin Co. ("Rustnought"), Cleveland, O.
BINSWANGER B. & CO. (M. P. Coating), 827 N Third, Phila., Pa.
Black Diamond Mfg. Co., 1219 Bank, Cincinnati, O.
Blocki-Brennan Refining Co. ("Carboxide" Elastic Metal Preserver), 11 N La Salle, Chicago, Ill.
Blood T. L. & Co., 413 Wacouta, St. Paul, Minn.
Bradford Jas. Co., 8 E 3rd, Wilmington, Del.
Buckeye Paint & Varnish Co., Toledo, O.
Buffalo Oil, Paint & Varnish Co., Buffalo, N. Y.
Burgess, Fobes & Co., Portland, Me.
Cabot Samuel (Inc.), 141 Milk, Boston, Mass.
California Paint Co., Oakland, Cal.
Cambria Paint & Color Co. (Ltd.), Johnstown, Pa.
Canfield Oil Co., Cleveland, O.
Carbolineum Wood Preserving Co., of N. Y., 41 Greene, New York.
Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
Chatfield Mfg. Co. ("Carbo" Black Enamel), Carthage, Cincinnati, O.
Chattanooga Paint Co., Chattanooga, Tenn.
Chesapeake Oil Co., Stockholm & Peach alley, Baltimore, Md.
Chilton Paint Co., College Point, L. I., N. Y.
Climax Refining Co., Wiliamson bldg, Cleveland, Ohio.
Clinton Metallic Paint Co., Clinton, N. Y.
Connors Wm. Paint Mfg. Co. ("American Seal" Anti-Rust), Troy, N. Y.
Cooledge F. J. & Sons, Atlanta, Ga.
Debevoise Company, 968 Grand av, Brooklyn, N. Y.
Detroit Graphite Co., Detroit, Mich.
Detroit White Lead Works, Detroit, Mich.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Dixon Joseph Crucible Co. ("Dixon's" Silica-Graphite), Jersey City, N. J.
Doggett Stanley, 11 Cliff, New York
Eagle Paint & Varnish Co. (Guaranteed Structural), N S, Pittsburgh, Pa.
Elaterite Paint & Mfg. Co. ("Des Moines" Elaterite"), Des Moines, Ia.
Eureka Chemical Co., 970 Grand av, Brooklyn, N. Y.
Federal Process Co., Cleveland, O.
Felton, Sibley & Co., 136 N 4th, Phila., Pa.
Flintkote Co. ("Rex"), 88 Pearl, Boston, Mass.
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
Fort Pitt Oil & Paint Co., 3209 Liberty, av, Pittsburgh, Pa.
Frazer Paint Co., Hubbard & M. C. R. R., Detroit, Mich.
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
Garden City Sand Co., Chamber of Commerce bldg, Chicago, Ill.
Glidden Varnish Co., 1755 W Madison, Cleveland, O.
Goheen Mfg. Co. (Carbonizing Coating), Canton, O.
Great Lakes Refining Co. ("Jet Black"), Cleveland, O.
Hammond Process Co. ("Ferox" Iron Oxide), Norwich, Conn.
Hanna Paint Mfg. Co., Columbus, O.
Hardy Paint & Varnish Co., Toledo, O.
Harrison Works (Du Pont) ("Antoxide" & "Ferro-Keep"), 35th & Grays Ferry rd, Philadelphia, Pa.
Hascall Paint Co., W 70th, Cleveland, O.
Heath & Milligan Mfg. Co., 1833 Seward, Chicago, Ill.
Hydrex Felt & Engineering Co., 120 Liberty, New York
Imperial Paint Co. ("Impaco"), 80 10th, Long Island City, N. Y.
Iowa Paint Mfg. Co., Fort Dodge, Ia.
Ironsides Co., Columbus, O.
Jenkins Paint & Oil Co. ("Delhi"), Norfolk, Va.
Johnston R. F. Paint Co., Pearl & Main, Cincinnati, O.
Jones Paint Co. ("Elastic Enamel"), Rome, N. Y.
Kay & Ess Co., Dayton, O.
Keystone Albumen & Paint Co., 1346 N Marston, Phila., Pa.
Keystone Paint & Filler Co., Muncy, Pa.
Lawrence W. W. & Co., W Carson, Pittsburgh, Pa.
Lincoln Paint & Color Co., Lincoln, Neb.
Long Chas. R., Jr., Co., Louisville, Ky.
Lowe Bros. Co., Dayton, O.
Lucas John & Co. ("Metafife"), 322 Race, Phila., Pa.
McNaughton Wm. D., 185 Oakland, Brooklyn, N. Y.
Mamolith Carbon Paint Co., 2d & Main, Cincinnati, O.
Means & Thatcher ("Thermolin"), Norfolk Downs, Quincy, Mass.
Minwax Co., 18 E 41st, New York
Monarch Paint Co., W 70th, Cleveland, O.
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
National Roofing Co. ("Egyptian," "Corporation," "Black Knight"), Tonawanda, N. Y.
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
Nice Eugene E., 272 S 2d, Phila., Pa.
See adv index at end of book
Northwestern Mfg. Co., Indianapolis, Ind.
Nubian Paint & Varnish Co. ("Carbonkote," "Brewice"), 1856 Leclaire av, Chicago, Ill.
Ohio Chemical Co., Findlay, O.
Ohmlac Mfg. Co., 140 S Dearborn, Chicago, Ill.
Otley Paint Mfg. Co. ("Eureka" Graphite, etc), 1742 N Winchester av, Chicago, Ill.
Patterson-Sargent Co. ("Nobrac"), Cleveland, O.
Patton Paint Co. ("Ironhide"), Milwaukee, Wis.

Pecora Paint Co., 4th & Sedgley av., Phila., Pa.
Popplein G. & N., 220 North, Baltimore, Md.
Preservative Products Co. ("Esco"), 1133 B'way, New York
Prince James H. Paint Co., 5 Lancaster, Boston, Mass.
Prince Mfg. Co. (Double Label Mineral Brown), 165 B'way, New York
Protectus Paint Co., North American bldg, Phila., Pa.
Pyramid Paint Co. ("Kant-Korod"), 133 N 22d, Phila., Pa.
Reeder Jno. S. (Cold Japan), Hamilton, O.
Reeves Co. ("Lone Star"), 805 Howard av, New Orleans, La.
Reisenman Mfg. Co. (Ltd.) ("Eclipse"), Franklin, Pa.
Reliance Paint Co., 357 Bond, Brooklyn, N. Y.
Republic Paint & Lead Works, E 131st & Taft av, Cleveland, O.
Ricketson Mineral Paint Works, South Bay, Milwaukee, Wis.
Rinald Bros. (Bessemer Paints), 1142 N Hancock, Phila., Pa.
Rossie Iron Ore Paint Co., Ogdensburg, N. Y.
Rubber Paint Co., cor Warner & Wooster, Baltimore, Md.
St. Louis Surfacer & Paint Co. ("Metal-steel"), Arlington & Terminal & Belt Line, St. Louis, Mo.
St. Paul White Lead & Oil Co., Water & Starkey, St. Paul, Minn.
Semet-Solvay Co. ("Crysolite"), Syracuse. N. Y.
Sherwin-Williams Co., Cleveland, O.
Shoemaker Robt. & Co., 4th & Race, Phila. Pa.
Sipe Jas. B. & Co., Bessemer bldg, Pittsburgh, Pa.
Skinner Douglas Paint Co., Kansas City. Mo.
Smith Edw. & Co., 127 W av, Long Island City, N. Y.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York
Spiritine Chemical Co., Wilmington, N. C.
Standard Paint Co. ("Flexite"), 233 B'way, New York
Star Lubricating Oil Co., 8714 B'way, Cleveland, O.
Sterling Varnish Co. (Black Iron Enamel). Fulton bldg, Pittsburgh, Pa.
Stickney J. W. & Co., Boston, Mass.
Stowell Mfg. Co., 240 Culver av, Jersey City, N. J.
Suydam M. B. Co., 61st & Butler, Pittsburgh, Pa.
Swift Paint Co. ("Black Giant," Front End Enamel), Wade bldg, Cleveland, Ohio
Thompson & Co. ("Diamond"), 1111 Galveston av, Pittsburgh, Pa.
Toch Bros. ("Tockolith" & "R. I. W."), 320 5th av, N S, New York
Tropical Paint & Oil Co. ("Elastikote" Toco Graphite), W 70th, Cleveland, O.
Trus-Con Laboratories, Detroit, Mich.
Tucker Mfg. Co., 17 E 137th, New York
Ulster Paint Works, Ellenville, N. Y.
United States Graphite Co., Saginaw, Mich.
U. S. Gutta Percha Paint Co., 12-30 Dudley, Providence, R. I.
United States Refining Co., Cleveland, O.
Wadham's Oil Co., Natl. Bk. bldg, Milwaukee, Wis.
Wadsworth-Howland Co. ("Bay State" Steel & Protective Coating), 141 Federal, Boston, Mass.
Walters Mfg. Co., Fulton bldg, Pittsburgh, Pa.
Warren Paint & Color Co., Nashville, Tenn.
Warren Refining & Chemical Co., 9420 Meech av, Cleveland, O.
Watson H. F. Co. (Red & Oxide Metallic), Erie, Pa.
Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.
Whitehead Paint Co., 702 W 48th, New York
Wilhelm A. Co., Reading, Pa.

10549-50—*Paints (Freight Car)

Nice Eugene E., 272 S 2d, Phila., Pa.
See adv index at end of book

Paints (Gold)

See Paints, Aluminum & Gold

10551— Paints (Graphite)

Acheson Graphite Co., Niagara Falls, N. Y.
Acme White Lead & Color Works, Detroit, Mich.
Antox Paint Co., Indianapolis, Ind.
Arco Co., Euclid & E 65th, Cleveland, Ohio.
Arlington Mfg. Co., Canton, O.
Atlantic Paint Co., Cleveland, O.
Becker-Moore Paint Co., 1219 Olive, St. Louis, Mo.
BINSWANGER B. & CO., 827 N 3rd, Phila., Pa.
Blood T. L. & Co., 413 Wacouta, St. Paul, Minn.
Boydell Bros. White Lead & Color Co., Detroit, Mich.
Bradford Jas. Co., 8 E 3rd, Wilmington, Del.
Brown Chas. H. Paint Co., 188 Montague, Brooklyn, N. Y.
Buckeye Paint & Varnish Co., Toledo, O.
Buffalo Oil, Paint & Varnish Co., Buffalo, N. Y.
California Paint Co., Oakland, Cal.
Cambria Paint & Color Co. (Ltd.), Johnstown, Pa.
Chesapeake Oil Co., Stockholm & Peach alley, Baltimore, Md.
Chilton Paint Co., College Point, L. I., N. Y.
Connors Wm. Paint Mfg. Co. ("American Seal"), Troy, N. Y.
Cooledge F. J. & Sons, Atlanta, Ga.
Detroit Graphite Co. ("Superior"), Detroit, Mich.
Detroit White Lead Works, Detroit, Mich.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Dixon Joseph Crucible Co., Jersey City, N. J.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
Fort Pitt Oil & Paint Co., 3209 Liberty av, Pittsburgh, Pa.
French Sam'l H. & Co., 5th & Callowhill, Phila., Pa.
General Roofing Mfg. Co., Boatmen's Bank bldg, St. Louis, Mo.
Goheen Mfg. Co., Canton, O.
Harrison Works (Du Pont), 35th & Gray Ferry rd, Phila., Pa.
Jenkins Paint & Oil Co. ("Delhi"), Norfolk, Va.
Kay & Ess Co., Dayton, O.
Lawrence W. W. & Co. ("Duquesne" & "Lawrence"), Pittsburgh, Pa.
Lincoln Paint & Color Co. ("Aztec"), Lincoln, Neb.
Lucas John & Co., 322 Race, Phila., Pa.
Miller & Graham, 21 S Gay, Baltimore, Md.
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
National Roofing Co., Tonawanda, N. Y.
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
Nice Eugene E., 272 S 2d, Phila., Pa.
See adv index at end of book
Ohio Filler & Shield Co., 522 City av, Columbus, O.
Otley Paint Mfg. Co. (Mixed in Oil), 1742 N Winchester av, Chicago, Ill.
Patterson-Sargent Co., Cleveland, O.
Patton Paint Co., Milwaukee, Wis.
Postal Paint & Color Co., 6420 Meech av, Cleveland, Ohio.
Richmond Bros., 616 Main, Cincinnati, O.
Riesenman Mfg. Co. (Ltd.), Franklin, Pa.
Rinald Bros., 1142 N. Hancock, Phila., Pa.
Robinson Paint Co., Aurora, Ill.
St. Louis Surfacer & Paint Co., Arlington & Terminal & Belt Line, St. Louis, Mo.
St. Paul White Lead & Oil Co. ("Lion"), Water & Starkey, St. Paul, Minn.
Sherwin-Williams Co., Cleveland, O.
Suydam M. B. Co., 61st & Butler, Pittsburgh, Pa.
Thompson & Co., 1111 Galveston av, NS, Pittsburgh, Pa.
Tropical Paint & Oil Co. ("Toco"), W 70th, Cleveland, O.
United States Graphite Co., Saginaw, Mich.
Wadsworth-Howland Co., 225 N **Carpenter,** Chicago, Ill.
Warren Paint Co., Warren, O.
Warren Refining & Chemical Co., 9420 Meech av, Cleveland, O.
Whitehead Paint Co., 702 W 48th, New York
Wilhelm A. Co., Reading, Pa.

Paints (Heat Resisting)

See Paints, Fire Resisting

Paints (Hydraulic)

See Waterproofing Materials

10552— Paints (Ice Can)

Allen Anti-Rust Mfg. Co., Glenn bldg, Cincinnati, O.
Arco Co., Euclid & E 65th, Cleveland, Ohio.
Black Diamond Paint & Varnish Works ("Vol-Ka-No" Black), 1219 Bank, Cincinnati, O.
Federal Process Co., Cleveland. O.

10553— Paints (Insulating)

See also Varnishes, Insulating

Acme White Lead & Color Works, Detroit, Mich.
Antakwa Co., 133 W Washington, Chicago, Ill.
Antox Paint Co., Indianapolis, Ind.
Arco Co., E 65th, Cleveland, Ohio.
Arlington Mfg. Co., Canton, O.
Barrett Co. (Electrical), 17 Battery pl, New York.
Becker-Moore Paint Co., 1219 Olive, St. Louis, Mo.
Boydell Bros. White Lead & Color Co., Detroit, Mich.
Cabot Samuel (Inc.), 141 Milk, Boston, Mass.
California Paint Co., Oakland, Cal.
Canfield Oil Co., Cleveland, O.
Chesapeake Oil Co., Stockholm & Peach alley, Baltimore, Md.
Chicago Mica Co. ("Champion"), Valparaiso, Ind.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Dielectric Mfg. Co., 224 S Vandeventer av, St. Louis, Mo.
Elaterite Paint & Mfg. Co. ("Des Moines Elaterite"), Des Moines, Ia.
Flintkote Co. ("Rex"), 88 Pearl, Boston, Mass.
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
Fort Pitt Oil & Paint Co., 3209 Liberty av, Pittsburgh, Pa.
Glidden Varnish Co., 1755 W Madison, Cleveland, O.
Handy Supply Co., 11737 Detroit av, Cleveland, O.
Hanna Paint Mfg. Co., Columbus, O.
Insulating Co., 1 Broadway, New York.
Insulating Materials Co., 805 Wesson av, Detroit, Mich.
Jamestown Paint & Varnish Co., Jamestown, Pa.
Lehon Co., W 45th & S Western av, Chicago, Ill.
Mica Insulator Co. ("M. I. C.," "Linolac"), 68 Church, New York
Mitchell-Rand Mfg. Co., 99 John, New York
National Insulator Co. ("Nico" Metal), 1016 Broadway, Boston, Mass.
Nice Eugene E., 272 S 2d, Phila., Pa.
See adv index at end of book
Ohmlac Mfg. Co., 140 S Dearborn, Chicago, Ill.
Paragon Insulating Co., Cleveland, O.
Patent Vulcanite Roofing Co. ("Elite" & Mineral Compound), 2256 W 49th, Chicago, Ill.
Patterson-Sargent Co., Cleveland, O.
Protectus Paint Co., North American bldg, Phila., Pa.
Riesenman Mfg. Co. (Ltd.), Franklin, Pa.
Robertson Chemical Co., 9808 Meech av, Cleveland, O.
Semet-Solvay Co. ("Solvay"), Syracuse, N. Y.
Sherwin-Williams Co., Cleveland, O.
Sipe Jas. B. & Co., 18 S 7th, Phila., Pa.
Skinner Douglas Paint Co., Kansas City, Mo.
Standard Paint Co. ("P. & B."), 233 B'way, New York
Standard Varnish Works, 90 West, New York.
Sterling Varnish Co., Fulton bldg, Pittsburgh, Pa.
Suydam M. B. Co., 61st & Butler, Pittsburgh, Pa.
Toch Bros. ("R. I. W."), 320 5th av, New York
U. S. Gutta Percha Paint Co., 12-30 Dudley, Providence, R. I.
Wadsworth-Howland & Co., 141 Federal, Boston, Mass.

10554—Paints (Iron Oxide)

Allentown Mfg. Co., Allentown, Pa.
Antox Paint Co., Indianapolis, Ind.
Arlington Mfg. Co., Canton, O.
Armstrong Paint & Varnish Works ("Iron-ox"), 2502 S Paulina, Chicago, Ill.
Becker-Moore Paint Co., 1219 Olive, St. Louis, Mo.
BINSWANGER B. & CO. ("Sanaloid"), 827 N 3d, Phila., Pa.
Chesapeake Oil Co., Stockholm & Peach alley, Baltimore, Md.
Chilton Paint Co., College Point, L. I., N. Y.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Duristo Paint Co. ("Duristo"), Newport News, Va.
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
Fort Pitt Oil & Paint Co., 3209 Liberty av, Pittsburgh, Pa.
French Saml. H. & Co., 4th & Callowhill, Phila., Pa.
Goheen Mfg. Co., Canton, O.
Hammond Process Co. ("Ferox"), Norwich, Conn.
Hanna Paint Mfg. Co., Columbus, O.
Jamestown Paint & Varn. Co., Jamestown, Pa.
Jenkins Paint & Oil Co., Norfolk, Va.
Kay & Ess Co., Dayton, O.
Lawrence W. W. & Co. ("Fort Pitt" Red), W Carson, Pittsburgh, Pa.
Lookout Paint Mfg. Co., Chattanooga, Tenn.
Lowe Bros. Co., Dayton, O.
Lucas John & Co., 322 Race, Phila., Pa.
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
Nice Eugene E., 272 S 2d, Phila., Pa.
See adv index at end of book
Patton Paint Co., Milwaukee, Wis.
Riesenman Mfg. Co. (Ltd.), Franklin, Pa.
Rossie Iron Ore Paint Co. ("Rossie" Red Oxide Ore), Ogdensburg, N. Y.
St. Louis Surfacer & Paint Co., Arlington & Terminal & Belt Line, St. Louis, Mo.
Sherwin-Williams Co., Cleveland, O.
Sipe Jas. B. & Co., Bessemer bldg, Pittsburgh, Pa.
Suydam M. B. Co., 61st & Butler, Pittsburgh, Pa.
Trus-Con Laboratories, Detroit, Mich.
U. S. Gutta Percha Paint Co., 12-30 Dudley, Providence, R. I.
Walters Mfg. Co., Fulton bldg, Pittsburgh, Pa.
Wilhelm A. Co., Reading, Pa.

10555—Paints (Iron Resisting)

See Paints, Rust Proof

10556—*Paints (Locomotive)

See also Paints for Coating & Preserving Iron & Steel

California Paint Co., Oakland, Cal.

10557—*Paints (Machinery)

See also Paints for Coating & Preserving Iron & Steel

BINSWANGER B. & CO., 827 N 3d, Philadelphia, Pa.
Pecora Paint Co., 4th & Sedgley av, Phila., Pa.

10558-9-60—Paints (Marine)

See also Paints, Copper

Allentown Mfg. Co., Allentown, Pa.
Amalgamated Paint Co. ("Biasphaltic," "Rahtjens," "Compo"), Pier 11, North River, New York
American Bitumastic Enamels Co. ("Hermastic"), 17 Battery pl, New York
Antakwa Co., 133 W Washington, Chicago, Ill.
Arco Co., Euclid & 65th, Cleveland, O.
Aspinwall Geo. H. (Inc.), Corneilson, Jersey City, N. J.
Billings-Chapin Co., Cleveland, O.
BINSWANGER B. & CO., 827 N 3d, Phila., Pa.
Bredell's Composition Co., 521 Washington, New York
Bridgeport Bronze Marine Paint Co., Bridgeport, Conn.
Buffalo Oil, Paint & Varnish Co., Buffalo, N. Y.
California Paint Co., Oakland, Cal.
Chicago Varnish Co. ("Supreme" Bottom), 2100 Elston av, Chicago, Ill.
Chilton Paint Co., College Point, L. I., N. Y.
Connors Wm. Paint Mfg. Co., Troy, N. Y.
Crockett D. B. Co., Bridgeport, Conn.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Duristo Paint Co. ("Duristo"), Newport News, Va.
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
French Saml. H. & Co., 4th & Callowhill, Phila., Pa.
Gardiner Paint Co. ("Am McInnes"), 258 B'way, New York
Glidden Varnish Co., 1755 W Madison, Cleveland, O.
Hammond Process Co. ("Ferox" "Iron Oxide"), Norwich, Conn.
Hardy Paint & Varnish Co. ("Great Lakes"), Toledo, O.
Holzapfel's Am. Compositions Co., 18 B'way, New York
International Compositions Co., 18 B'way, New York
Jenkins Paint & Oil Co. (Merrimac), Norfolk, Va.
Lawrence W. W. & Co., W Carson, Pittsburgh, Pa.
Lowe Bros. Co., Dayton, O.
Mamolith Carbon Paint Co., 2d & Main, Cincinnati, O.
Masury Jno. W. & Son, 50 Jay, Brooklyn, N. Y.
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
Nansen Composition & Paint Co., 44 Whitehall, New York
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
Nice Eugene E., 272 S 2d, Phila., Pa.
See adv index at end of book
Patterson-Sargent Co., Cleveland, O.
Patton Paint Co., Milwaukee, Wis.
Postal Paint & Color Co., 6420 Meech av, Cleveland, O.
Protectus Paint Co., N American bldg, Phila., Pa.
Red Hand Compositions Co., Inc. ("Red Hand"), 1 B'way, New York
Reliance Paint Co., 357 Bond, Brooklyn, N. Y.
Riesenman Mfg. Co. (Ltd.), Franklin, Pa.
Rinald Bros., 1142 N Hancock, Phila., Pa.
St. Louis Surfacer & Paint Co., Arlington & Terminal & Belt Line, St. Louis, Mo.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York
Standard Ultramarine Co., Huntington, W. Va.
Standard Varnish Works, 90 West, New York
THOMSON WOOD FINISHING CO., 827 N 3d, Phila., Pa.
See adv index at end of book
Toch Bros. ("R. I. W." & "Plastic Tockolith"), 320 5th av, New York
United States Graphite Co., Saginaw, Mich.
U. S. Gutta Percha Paint Co., 12-30 Dudley, Providence, R. I.
Wadsworth, Howland & Co., 141 Federal, Boston, Mass.
Warren Paint Co., Warren, O.
Warren Refining & Chemical Co., 9420 Meech av, Cleveand, O.
Winn Wm. R. (Spar, etc), 488 Cherry, New York

Paints (Metal Protecting)

See Paints for Coating & Preserving Iron & Steel; also Paints, Iron Oxide; also Paints, Graphite

10561—*Paints (Mill White)

BINSWANGER B. & CO., 827 N Third, Phila., Pa.
Nice Eugene E., 272 S 2d, Phila., Pa.
See adv index at end of book
Pecora Paint Co., 4th & Sedgley av, Phila., Pa.
THOMSON WOOD FINISHING CO., 827 N Third, Phila., Pa.
See adv index at end of book

10562—Paints (Mixed for Export)

Adams & Elting Co., 726 Washington blvd, Chicago, Ill.
Antox Paint Co., Indianapolis, Ind.
Arco Co., Euclid & E 65th, Cleveland, O.
Arlington Mfg. Co., Canton, O.
Briggs John & Co., 45 Purchase, Boston, Mass.
CALIFORNIA PAINT CO., Oakland, Cal.
Carrara Paint Co., Barberton, O.
Detroit Refining Co., Majestic bldg, Detroit, Mich.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Eagle Paint & Varnish Co., N S, Pittsburgh, Pa.
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
King Paint Mfg. Co., 449 Kent av, Brooklyn, N. Y.
Lawrence W. W. & Co., W Carson, Pittsburgh, Pa.
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
Patterson-Sargent Co., Cleveland, O.
Rinald Bros., 1142 N Hancock, Phila., Pa.
Sherwin-Williams Co., Cleveland, O.
Wadsworth, Howland & Co., 141 Federal, Boston, Mass.

10563— Paints (Oil)

Arlington Mfg. Co., Canton, O.
Becker-Moore Paint Co., 1219 Olive, St. Louis, Mo.
BINSWANGER B. & CO., 827 N Third, Phila., Pa.
California Paint Co., Oakland, Cal.
Chicago White Lead & Oil Co., 1454 S Western av, Chicago, Ill.
Devoe & Raynolds Co., 101 Fulton, New York
Duristo Paint Co. ("Duristo"), Newport News, Va.
Eagle Paint & Varnish Co., N S, Pittsburgh, Pa.
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
Lawrence W. W. & Co., W Carson, Pittsburgh, Pa.
Lincoln Paint & Color Co. ("Lincoln Climatic"), Lincoln, Neb.
Moore Benj. & Co. ("Sani-Flat" Oil), 231 Front, Brooklyn, N. Y.
Muralo Company, Rich. Ter., New Brighton, Borough of Richmond, New York
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
Nice Eugene E., 272 S 2d, Phila., Pa.
See adv index at end of book
Prince James H. Paint Co., 5 Lancaster, Boston, Mass.
Pyramid Paint Co., 133 N 22d, Phila., Pa.
Riesenman Mfg. Co. (Ltd.), Franklin, Pa.
Star Lubricating Oil Co., 8714 B'way, Cleveland, O.
Ulster Paint Works, Ellenville, N. Y.
Warren Paint Co., Warren, O.
Warren Refining & Chemical Co., 9420 Meech av, Cleveland, O.
West Coast Kalsomine Co. ("Wesco" Flat Oil), West Berkeley, Cal.

10563a—*Paints (Preserving)

Carbolineum Wood Preserving Co. of N. Y., 41 Greene, New York

10563b—Paints (Rail Bonding)

AMERICAN STEEL & WIRE CO. (Lever or Electric Motor, Single, Double & Triple Spindle), 208 S La Salle, Chicago, Ill. *See adv index at end of book*

10563c—*Paints (Ready Mixed & Household)

Chicago Varnish Co., 2100 Elston av, Chicago, Ill.

10564— Paints (Roofing)

Acme Asbestos Covering & Supply Co., 404 N Ada, Chicago, Ill.
See adv index at end of book
Acme White Lead & Color Works, Detroit, Mich.
Adams & Elting Co., 726 Washington blvd, Chicago, Ill.
ALCATRAZ CO., INC. ("Blackat"), 3200 Williamsburg av, Richmond, Va.
Algonquin Slate Products Co., Worcester, Mass.
All Roofing Mfg. Co. ("Armco"), E St. Louis, Ill.
Allen Anti-Rust Mfg. Co., Glenn bldg, Cincinnati, O.
American Cold Japan Co., Pittsburgh, Pa.
American Roofing Co., Kansas City, Mo.
Antakwa Co., 133 W Washington, Chicago, Ill.
Antox Paint Co., Indianapolis, Ind.

Arco Co., Euclid & E 65th, Cleveland, O.
Arlington Mfg. Co., Canton, O.
Armstrong Paint & Varnish Works ("Negrite"), 2502 S Paulina, Chicago, Ill.
Asphalt Roofing Co. ("Wanigas"), Saginaw, Mich.
Baker Wm. T. ("Staona," "Metal Coat"), 224 Suydam av, Jersey City, N. J.
Barrett Co., 17 Battery pl, New York
Bayerson Oil Works, Erie, Pa.
Bayway Chemical Co. (Coal Tar Asphaltum), Elizabeth, N. J.
Becker-Moore Paint Co., 1219 Olive, St. Louis, Mo.
Billings-Chapin Co., Cleveland, O.
BINSWANGER B. & CO., 827 N 3d, Phila., Pa .
Black Diamond Mfg. Co., 1219 Bank, Cincinnati, O.
Boydell Bros. White Lead & Color Co., Detroit, Mich.
Bradford James Co., 8 E 3d. Wilmington, Del.
Buckeye Paint & Varnish Co., Toledo, O.
California Paint Co., Oakland, Cal.
Cambria Paint & Color Co. (Ltd.), Johnstown, Pa.
Canfield Oil Co., Cleveland, O.
Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
Chatfield Mfg. Co. (Asphalt), Carthage, Cincinnati, O.
Chattanooga Paint Co., Chattanooga, Tenn.
Chesapeake Oil Co., Stockholm & Peach Alley, Baltimore, Md.
Chilton Paint Co., College Point, L. I., N. Y.
Cleveland Iron Ore Paint Co., Cleveland, Ohio
Coal Tar Product Co. ("Stag" Brand), 570 Smith, Brooklyn, N. Y.
Colebrook's W. H. Sons ("Crown"), Syracuse, N. Y.
Columbus Paint Mfg. Co. ("Egyptian"), 278 Kimball, Columbus, O.
Connors Wm. Paint Mfg. Co. ("American Seal"), Troy, N. Y.
Continental Paint & Mfg. Co. ("Rockalyte"), Cleveland, O.
Cooledge F. J. & Sons, Atlanta, Ga.
Debevoise Company, 968 Grand av, Brooklyn, N. Y.
Delevan Mfg. Co., 65 Delevan, Brooklyn, N. Y.
Detroit Refining Co., Majestic bldg, Detroit, Mich.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Dixon Joseph Crucible Co., Jersey City, N. J.
Duristo Paint Co. ("Duristo"), Newport News, Va.
Eagle Paint & Varnish Co., N S, Pittsburgh, Pa.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa.
Elaterite Paint & Mfg. Co. ("Des Moines Elaterite"), Des Moines, Iowa
Eureka Chemical Co., 970 Grand av, Brooklyn, N. Y.
Farwell, Ozmun, Kirk & Co., St. Paul, Minn.
Federal Process Co. ("Herm-I-Seal"), Cleveland, O.
Felton, Sibley & Co., 136 N 4th, Phila., Pa.
Flintkote Co. ("Rex"), 88 Pearl, Boston, Mass.
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
Fort Pitt Oil & Paint Co., 3209 Liberty av, Pittsburgh, Pa.
French Saml. H. & Co., 4th & Callowhill, Phila., Pa.
General Roofing Mfg. Co., 17th & Southern Ry, East St. Louis, Ill.
Gibson-Homans Co., 2366 Woodhill rd, S E, Cleveland, O.
Goheen Mfg. Co., Canton, O.
Great Lake Refining Co. ("Jet Black" Elastic), Cleveland, O.
Great Western Oil Co., 2846 E 37th, Cleveland, O.
Hammond Asphalt Products Co., Hammond, Ind.
Hammond Process Co. ("Ferox" Iron Oxide), Norwich, Conn.
Hanna Paint Mfg. Co., Columbus, O.
Hascall Paint Co. ("Thermalite"), W 70th, Cleveland, O.
Heath & Milligan Mfg. Co., 1833 Seward, Chicago, Ill.
Heppes-Nelson Roofing Co., 4500 Filmore, Chicago, Ill.
Hetzel J. G., Est. of, 67 Main ("Rub on Paint"), Newark, N. J.
Howell Chas. H. & Co., 212 Race, Phila., Pa.
Hydro Damp-Proofing & Engng. Co., Pittsburgh, Pa.
Ilsley, Doubleday & Co., 229 Front, New York
Ironsides Co., Columbus, O.
Jones Paint Co. ("Roofcoat"), Rome, N. Y.
Kay & Ess Co., Dayton, Ohio
Klein Mfg. Co. ("Graphilatum"), American Trust bldg, Cleveland, O.
Knapp E. J. & Co., Belding, Mich.
Lawrence W. W. & Co. ("Lawrence" & "Duquesne"), W Carson, Pittsburgh, Pa.
Lehon Co., W 45th & S Western av, Chicago, Ill.
Lincoln Paint & Color Co. ("Paragon"), Lincoln, Neb.
Longman & Martinez, 54 Maiden la, New York
Lowe Bros. Co., Dayton, O.
Lucas John & Co., 322 Race, Phila., Pa.
McHenry-Millhouse Mfg. Co. ("Climax"), South Bend, Ind.
Maire Paint Co. (Maire's Indestructible Roof Preserver), 329 Boston blk, Minneapolis, Minn.
Mamolith Carbon Paint Co., 2d & Main, Cincinnati, O.
Means & Thatcher ("Everlasting"), Norfolk Down, Quincy, Mass.
Miller & Graham, 21 S Gay, Baltimore, Md.
Minwax Co., 18 E 41st, New York
Monarch Paint Co. ("Hydro-Carbonite"), W 70th, Cleveland, O.
Moser Chas. Co., Cincinnati, O.
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
National Paint & Varnish Co. ("National Tinners Red"), 8709 Kinsman rd, Cleveland, O.
National Roofing Co. ("N. R. C." Protective Paint), Tonowanda, N. Y.
National Roofing Material Co. (Mastic), Edwardsville, Ill.
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
NICE EUGENE E., 272 S 2d, Phila., Pa.
See adv index at end of book
Norfolk Oil Works, Norfolk, Neb.
Northwestern Mfg. Co., Indianapolis, Ind.
Ohio Chemical Co., Findlay, O.
Ohmlac Mfg. Co., 140 S Dearborn, Chicago, Ill.
Otley Paint Mfg. Co. ("Eureka" & Mineral), 1742 N Winchester av, Chicago, Ill.
Patterson-Sargent & Co., Cleveland, O.
Patton Paint Co. (Asbestos), Milwaukee, Wis.
Pecora Paint Co., 4th & Sedgley av, Phila., Pa.
Postal Paint & Color Co., 6420 Meech av, Cleveland, O.
Prince Mfg. Co. (Double Label Mineral Brown), 165 B'way, New York
Pyramid Paint Co., 133 N 22d, Phila., Pa.
Reeder Jno. S. (Cold Japan), Hamilton, O.
Reeves Co. ("Lone Star"), 805 Howard av, New Orleans, La.
Richmond Bros. ("O. K.," "Apex"), 616 Main, Cincinnati, O.
Ricketson Mineral Paint Works (Iron Ore), South Bay, Milwaukee, Wis.
Riesenman Mfg. Co. (Ltd.), Franklin, Pa.
Rinald Bros., 1142 N Hancock, Phila., Pa.
Rossie Iron Ore Paint Co. ("Rossie" Iron Ore), Ogdensburg, N. Y.
Rubber Paint Co. (Rubber), cor Warner & Wooster, Baltimore, Md.
St. Louis Surfacer & Paint Co., Arlington & Terminal Belt Line, St. Louis, Mo.
St. Paul White Lead & Oil Co. ("Lion"), Water & Starkey, St. Paul, Minn.
Sherwin-Williams Co., Cleveland, O.
Sinclair Refining Co. ("Four Bros." Black), Albany, N. Y.
Skinner Douglas Paint Co., Kansas City, Mo.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York
Standard Paint Co., 233 Broadway, New York
Star Lubricating Oil Co., 8714 B'way, Cleveland, O.
Stowell Mfg. Co., 240 Culver av, Jersey City, N. J.
Suydam M. R. Co., 61st & Butler, Pittsburgh, Pa.
Toch Bros. ("R. I. W."), 320 5th av, New York
Tropical Paint & Oil Co. ("Elastikote" & "Tropical Rubber"), W 70th, Cleveland, O.
Trus-Con Laboratories, Detroit, Mich.
Ullmann-Philpott Co., 4805 Lexington, Cleveland, O.
United States Graphite Co., Saginaw, Mich.
U. S. Gutta Percha Paint Co., 12-30 Dudley, Providence, R. I.
U. S. Refining Co. ("Everlasting Black"), Cleveland, O.
United Roofing & Mfg. Co. ("Congo," "Congoite"), Morris bldg, Phila., Pa.
Usona Mfg. Co. (Asphalt), Aurora, Ill.
Wadsworth, Howland & Co. ("Bay State," Roof & Barn), 141 Federal, Boston, Mass.
Wadsworth-Howland Co., 225 N Carpenter, Chicago, Ill.
Walters Mfg. Co., Fulton bldg, Pittsburgh, Pa.
Warren Chemical & Mfg. Co., 17 Battery pl, New York
Warren Paint Co., Warren, O.
Warren Refining & Chemical Co., 9420 Meech av, Cleveland, O.
Watson H. F. Co. (Asbestos), Erie, Pa.
Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.
Wilhelm A. Co., Reading, Pa.
Woolsey C. A. Paint & Color Co., 500 Grand, Jersey City, N. J.

10565—*Paints (Rubber Tire)

FOX M. EWING CO. (Fox's Automobile in Powder Form to be Mixed with Water), 241 E 136th, New York
See adv index at end of book

10566—Paints (Rust Proof)

Allen Anti-Rust Mfg. Co. (Smoke Stack, Tanks, etc), Glenn bldg, Cincinnati, O.
American Bitumastic Enamels Co. ("Harmastic"), 17 Battery pl, New York
American Chemical Paint Co. ("Deoxidine"), 1126 S 11th, Phila., Pa.
American Cold Japan Co., Pittsburgh, Pa.
Antakwa Co., 133 W Washington, Chicago, Ill.
Antox Paint Co., Indianapolis, Ind.
Arco Co., Euclid & E 65th, Cleveland, O.
Arlington Mfg. Co., Canton, O.
Barrett Co., 17 Battery pl, New York
Becker-Moore Paint Co., 1219 Olive, St. Louis, Mo.
BINSWANGER B. & CO. (M. P. Coating), 827 N 3d, Phila., Pa.
California Paint Co., Oakland, Cal.
Canfield Oil Co., Cleveland, O.
Chatfield Mfg. Co. ("Carbo" Black Enamel), Carthage, Cincinnati, O.
Chesapeake Oil Co., Stockholm & Peach alley, Baltimore, Md.
Detroit Graphite Co., Detroit, Mich.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Dielectric Mfg. Co. ("W. D. Paint"), 224 S Vandeventer av, St. Louis, Mo.
Dixon Joseph Crucible Co., Jersey City, N. J.
Durabla Mfg. Co. ("Cosmos"), 114 Liberty New York
Duristo Paint Co. ("Duristo"), Newport News, Va.
Elaterite Paint & Mfg. Co. ("Des Moines Elaterite"), Des Moines, Ia.
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveand, O.
Fort Pitt Oil & Paint Co., 3209 Liberty av, Pittsburgh, Pa.
French Sam'l H. & Co., 4th & Callowhill, Phila., Pa.
Gardiner Paint Co., 258 B'way, New York
Gelien & Co., 120 Liberty, New York
Glidden Varnish Co., 1755 W Madison, Cleveland, O.
Great Lakes Refining Co. ("Jet Black"), Cleveland, O.
Hascall Paint Co., W 70th, Cleveland, O.
Hetzel J. G., Est. of, 67 Main, Newark, N. J.
Hydro Damp-Proofing & Engineering Co., Pittsburgh, Pa.
Jones Paint Co., Rome, N. Y.
Lino Paint Co., 16908 Waterloo rd, Cleveland, O.
Lowe Bros. Co., Dayton, O.
Lucas John & Co., 322 Race, Phila., Pa.

PAINTS (RUST PROOF)—continued
Monarch Paint Co., W 70th, Cleveland, O.
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
Nice Eugene E., 272 S 2d, Phila., Pa.
See adv index at end of book
Prince Mfg. Co. (Double Label Mineral Brown), 165 B'way, New York
Rinald Bros. ("Bessemer"), 1142 N Hancock, Phila., Pa.
Sherwin-Williams Co., Cleveland, O.
Sipe Jas. B. & Co., Bessemer bldg, Pittsburgh, Pa.
Standard Varnish Works, 90 West, New York
United States Graphite Co., Saginaw, Mich.
U. S. Gutta Percha Paint Co., 12-30 Dudley, Providence, R. I.
Wadsworth, Howland & Co., 141 Federal, Boston, Mass.
Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.

10567-8— Paints (Sheep)

Lincoln Paint & Color Co. ("Lincoln"), Lincoln, Neb.
St. Paul White Lead & Oil Co. ("Lion" for Sheep Branding), Water & Starkey, St. Paul, Minn.

Paints (Shingle)

See Shingle Stains

Paints (Smokestack)

See Paints for Coating & Preserving Iron & Steel, also Fire Resisting; also Rust Proof

10569—*Paints (Standpipe)

Nice Eugene E., 272 S 2d, Phila., Pa.
See adv index at end of book

10570—Paints (Steam-Proof)

Arco Co., Euclid & E 65th, Cleveland, O.
Arlington Mfg. Co., Canton, Ohio
Barrett Co., 17 Battery pl, New York
Buckeye Paint & Varnish Co., Toledo, O.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
French Samuel H. & Co., 4th & Callowhill, Philadelphia, Pa.
Jones Paint Co., Rome, N. Y.
Lowe Bros. Co., Dayton, O.
Lucas John & Co., 322 Race, Phila, Pa.
Minwax Co. ("Minwax"), 18 E 41st, New York
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
Pyramid Paint Co. ("Kant-Korod"), 133 N 22d, Phila., Pa.
Riesenman Mfg. Co. (Ltd.), Franklin, Pa.
Rinald Bros., 1142 N Hancock, Philadelphia, Pa.
Skinner Douglas Paint Co., Kansas City, Mo.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York
Star Lubricating Oil Co., 8714 B'way, Cleveland, O.
Suydam M. B. Co., 61st & Butler, Pittsburgh, Pa.
Toch Bros. ("R. I. W."), 320 5th av, New York
Trus-Con Laboratories, Detroit, Mich.
United States Graphite Co., Saginaw, Mich.
Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.
Zibell Damp Resisting Paint Co. 273 Water, New York

10571—*Paints (Steel Car Coating)

See also Paints for Coating & Preserving Iron & Steel

Nice Eugene E., 272 S 2d, Phila., Pa.
See adv index at end of book

10572—Paints (Teredo-Proof)

See also Wood Preservatives

Arlington Mfg. Co., ("Creolite"), Canton, O.
Carbolineum Wood Preserving Co. of N. Y., 41 Greene, New York

10573—*Paints (Trolley Pole)

See also Paints for Coating & Preserving Iron & Steel

BINSWANGER B. & CO., 827 N Third, Phila., Pa.

10573a—*Paints (Water-Color—Toy & School)

American Crayon Co. ("Kroma," "Prang"), 1300 Hayes av, Sandusky, O., & Waltham, Mass.
See adv index at end of book

10574— *Palettes

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

10575— Palladium

FOOTE MINERAL CO., 107 N 19th, Phila., Pa.

10576— Pallets (Brick)

American Pulley Co., 114 S Clinton, Chicago, Ill.
Fouts C. C. Co., 650 Woodlawn av, Middletown, O.
Mershon Eddy Parker Co. (Wood), Saginaw, Mich.
Ohio Galvanizing & Mfg. Co. (Steel), Niles, O.
Union Spring & Mfg. Co. (Pressed Steel), New Kensington, Pa.

10577— Pallets (Lettering)

Hickok W. O. Mfg. Co., Harrisburg, Pa.

10578— Palms (Sailors')

Montauk Leather Specialty Co., 149 N 1st, Brooklyn, N. Y.
Stevens Walter B. & Son, 107 Chambers, New York
Union Hardware Co., Torrington, Conn.

Panel Boards

See Switchboards, Light & Power

10578a— *Panels (Furniture)

ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*

10579— Panels (Protective)

ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*

10580— Panels (Rheostat)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

10581— Panels (Veneer)

Conway Veneeered Door & Mantel Co., 2019 St. Paul, Milwaukee, Wis.
Crandall Panel Co., Brockton, N. Y.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Jamestown Panel Co., Jamestown, N. Y.
Keyes Products Co. ("Nevaslip" Headlinings, Wainscoting, Sheathing, Freight Car Roofs, etc), 120 B'way, New York
Morgan Co. (Built Up), Oshkosh, Wis.
Portland Mfg. Co., ft Richmond, Portland, Ore.
Strable Mfg. Co., 511 1st, Oakland, Cal.

10582— Pans (Acid)

Badger E. B. & Sons Co., 75 Pitts, Boston, Mass.
Manitowoc Engineering Works, Manitowoc, Wis.
Moore Samuel L. & Sons, Elizabeth, N. J.

Pans (Amalgamating)

See Amalgamating Pans & Barrels

10583— Pans (Annealing)

Cleveland Wire Spring Co., Cleveland, O.
Columbiana Boiler Co., Columbiana, Ohio
DOVER BOILER WORKS, Sales Office: 50 Church, New York. Works, Dover, N. J. *See adv index at end of book*
Garwood Bronze & Iron Works, Garwood, N. J.
Hammond Iron Works, Warren, Pa.
See adv index at end of book
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Littleford Bros., 444 E Pearl, Cincinnati, O.
OHIO MFG. CO., P. O. Box 358, Painesville, O. *See adv index at end of book*
Manitowoc Engineering Works, Manitowoc, Wis.
Philadelphia Roll & Machine Co. (Steel), 25th & Washington av, Phila., Pa.

10584—Pans (Automobile Dust)

Michigan Stamping Co., Detroit, Mich.
Mullins W. H. Co., 341 Franklin, Salem, Ohio

10585— Pans (Bed, Rubber)

Parker-Stearns & Co. ("Alpha"), 286 Sheffield av, Brooklyn, N. Y.
Tyer Rubber Co. ("Tyrian"), Andover, Mass.

10586-7— Pans (Bread)

Central Stamping Co. ("Puritan"), 172 Fulton, New York
Gem Stamped Steel Co. (Deep Drop Side) Chelsea, Mass.
Katzinger Edward Co. (Sanitary Strapped), 122 N Peoria, Chicago, Ill.
Lalance & Grosjean Mfg. Co. (Enameled Iron, Tin, etc), 299 B'way, New York
Maag August Co., 509 W Lombard, Baltimore, Md.
National Enameling & Stamping Co., 411 5th av, New York

10588— Pans (Cast Iron)

Devine J. P. Co., Buffalo, N. Y.
United States Cast Iron Pipe & Foundry Co., Burlington, N. J.

10589— Pans (Cement)

Heltzel Steel Form & Iron Co., Warren, O.
See adv index at end of book
Honhorst Joseph Co., 1016 W 6th, Cincinnati, O.
Leetonia Boiler Co., Leetonia, O.

10590— Pans (Chemical)

American Welding Co. (Crystallizing, etc), Carbondale, Pa.
Bethlehem Foundry & Machine Co., South Bethlehem, Pa.
Duriron Castings Co. ("Duriron" Acid Proof), Dayton, O.
Leetonia Boiler Co., Leetonia, O.
McCabe Boiler Works, 195 Commerce, Newark, N. J.
Manitowoc Engineering Works, Manitowoc, Wis.
Marshall Foundry Co., Pittsburgh, Pa.

10591— Pans (Clean-Up)

KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book

10591a—*Pans (Concentrating)

Buffalo Foundry & Machine Co. (Sulphuric Acid), 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

10591b— *Pans (Copper)

GERDES & CO., 42 Church, New York
See adv index at end of book

10592— Pans (Drip)

Aldrich Mfg. Co. (Copper), Buffalo, N. Y.
Allsteelequip Co., Aurora, Ill.
Bernstein Mfg. Co., 3d & Westmoreland, Phila., Pa.
Briscoe Mfg. Co., Detroit, Mich.
Central Stamping Co., 174 Fulton, New York
Dover Stamping & Mfg. Co., Cambridge, Mass.
Graver Wm. Tank Works (Jacketed Steam, Salt), East Chicago, Ind.
Hall Mfg. Co., Harrison, N. J.
Hayes Mfg. Co., Detroit, Mich.
Hibbs E. A., Bread & Quarry, Phila., Pa.
King Stove & Range Co., Sheffield, Ala.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Kraft A. C., 323 W Lake, Chicago, Ill.
Lyon Metallic Mfg. Co. ("Lyon" Steel), Aurora, Ill. *See adv index at end of book*
National Enameling & Stamping Co., 411 5th av, New York

New Britain Machine Co. ("New Britain"), 190 Chestnut, New Britain, Conn.
Ohio Mfg. Co. (Steel), P. O. Box 358, Painesville, O.
See adv index at end of book
Phillips & Buttorff Mfg. Co., Nashville, Tenn.
Ray Geo. A. Mfg. Co., Buffalo, N. Y.
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
Sexton Can Co. ("Sexton's" Auto Safety), 228 Franklin, Boston, Mass.
Tippett & Wood, Phillipsburg, N. J.
U. S. Stamping Co., Moundsville, W. Va.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.

10593-4—Pans (Drip, Automobile)

Cleveland Wire Spring Co., Cleveland, O.
Gem Stamped Steel Co. (Galvanized), Chelsea, Mass.
Heltzel Steel Form & Iron Co., Warren, O.
See adv index at end of book
Sayre Stamping Co. (Aluminum), Sayre, Pa.

10595— Pans (Dry)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
American Clay Machinery Co., S Walnut, Bucyrus, O.
Anderson Foundry & Machine Works, Anderson, Ind.
Bonnot Co., Canton, Ohio
Chambers Bros. Co., 52d, below Lancaster av, Phila., Pa.
Chisholm, Boyd & White Co. ("Boyd"), 57th & Wallace, Chicago, Ill.
Clearfield Machine Shops, Clearfield, Pa.
Eagle Iron Works ("Eagle"), Des Moines, Ia.
Erie Forge Co. (Shafts), Erie, Pa.
Fate J. D. Co., Plymouth, O.
Fernholtz Brick Machinery Co. ("Eagle"), Boyle & Vandevent av, St. Louis, Mo.
Frost Mfg. Co., Galesburg, Ill.
International Clay Machy. Co., Dayton, O.
Jackson & Church Co., Saginaw, Mich.
Patterson Foundry & Mach. Co., East Liverpool, O.
Pennsylvania Crusher Co., Stephen Girard bldg, Phila., Pa.
Phillips & McLaren, 24th & Smallman, Pittsburgh, Pa.
Stevenson Co., Wellsville, O.
Taplin-Rice-Clerkin Co., Akron, O.
United Iron Works Co., Kansas City, Mo.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

10595a— Pans (Drying)

TREADWELL CONSTRUCTION CO., Midland, Pa.
See adv index at end of book

10596— Pans (Dust)

AMERICAN CAN CO., 120 Broadway, New York *See adv index at end of book*
Atlantic Stamping Co., 156-180 Ames, Rochester, N. Y.
Brown Stamping Co., Toledo, O.
Central Stamping Co. (Steel Edge), 174 Fulton, New York
Delphos Mfg. Co. ("Delphos" Long Handle), 1st & Pierce, Delphos, O.
Dover Stamping & Mfg. Co., Cambridge, Mass.
Eclipse Company, North Girard, Pa.
Foster Sheet Metal Co., Springfield, Ill.
Fries Geo. Sons, 222 S Front, Phila., Pa.
GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis. *See adv index at end of book*
Knapp Mfg. Co., 48 Warren, New York
Lalance & Grosjean Mfg. Co., 299 B'way, New York
National Enameling & Stamping Co., 411 5th av, New York
Sloan Novelty Mfg. Co. (Long Handle), S W cor 20th & Wyandotte, Kansas City, Mo.
Utility Mfg. Co., Sturgis, Mich.

10597— Pans (Evaporating)

See also Evaporators; also Stoneware, Chemical

Bethlehem Foundry & Machine Co. (Cast Iron), South Bethlehem, Pa.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Camden Copper Wks., Inc., 599 S 2nd, Camden, N. J.
Diller, Caskey & Keen (For Greenhouses), 6th & Berks, Phila, Pa.
Duriron Castings Co. ("Duriron," Acid Proof), 90 West, New York
Durqiron Castings Co. ("Duriron" Acid Proof), Dayton, O.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Griswold Mfg. Co. ("Griswold" Cast Iron & Aluminum), Erie, Pa.
Hammond Iron Works, Warren, Pa.
See adv index at end of book
Marshall Foundry Co., Pittsburgh, Pa.
Southern Plow Co. ("Cook's"), Columbus, Ga.
Stuart & Peterson Co., Burlington, N. J.
Townsend Foundry & Machine Shop Co. (Cast Iron, for Chemical Mfrs. etc), Broadway & Rensselaer, Albany, N. Y.
See adv index at end of book

10598— Pans (Fry)

Aluminum Ware Mfg. Co., Inc. (All kinds Paris Padding, etc), Elmira, N. Y.
Buckeye Aluminum Co. ("Real Solid" Aluminum), Wooster, O.
Cassady Fairbank Mfg. Co. (Double Folding, Aluminum or Steel), 6126 S La Salle, Chicago, Ill.
Central Stamping Co. ("Sterling" Enameled Ware, etc.), 174 Fulton, New York
Griswold Mfg. Co. ("Griswold," Aluminum), Erie, Pa.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
National Enameling & Stamping Co. ("Nesco"), 411 5th av, New York
New England Enameling Co. ("Wont-Burn" Enameled Steel), Middletown, Conn.
New York Stamping Co. ("Acme," "Empire," "Brooklyn" Steel, Cold Handle), N 11th & Berry, Brooklyn, N. Y.
Northwestern Stamping Co. ("Hudson's," Double), Burlington, Ia.
Porcelain Enameling Ass'n of America ("Polar Brand," Enameled), Sheboygan, Wis.
Ray Geo. A. Mfg. Co. (Heavy Copper, etc), Buffalo, N. Y.
Republic Metalware Co. (The), Buffalo, N. Y.
Royal Mfg. Co. ("Royal Corfe"), 406 Commerce, Phila., Pa.
Silver & Co., 304 Hewes, Brooklyn, N. Y.
Standard Aluminum Co. (Aluminum), Two Rivers, Wis.
Strong Mfg. Co., Sebring, O.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.

10599-600—Pans (Galvanizing)

TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*

10601— Pans (Gem)

Indiana Hollow Ware Co. (Cast Iron), Jeffersonville, Ind.

10602— Pans (Gravel)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Heltzel Steel Form & Iron Co., Warren, O.
See adv index at end of book
Hibbs E. A., Bread & Quarry, Phila., Pa.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

Pans (Grinding)

See Pans, Dry; also Pans, Wet

10603— Pans (Lathe)

See also Pans, Drip

Allsteelequip Co., Aurora, Ill.
Bernstein Mfg. Co., 3d & Westmoreland, Phila., Pa.
Clark W. J. Co., Salem, O.
Cleveland Wire Spring Co. (Sheet Steel), Cleveland, O.
Hydraulic Pressed Steel Co. (Pressed Steel), Cleveland, O.
Kilburne & Jacobs Mfg. Co. (Welded Corners), Columbus, O.
Kraft A. C., 323 W Lake, Chicago, Ill.
Leetonia Boiler Co., Leetonia, O.
Lyon Metallic Mfg. Co. ("Lyon" Steel), Aurora, Ill.
Manufacturing Equipment & Engineering Co., 136 Federal, Boston, Mass.
New Britain Machine Co. ("New Britain"), 190 Chestnut, New Britain, Conn.
OHIO MFG. CO. (Steel), P. O. Box 358, Painesville, O.
See adv index at end of book

10604— Pans (Lead)

Heggie James G. & Sons (Pressed Steel), Joliet, Ill.
Knox Blow Co., Farmers Bank bldg, Pittsburgh, Pa.
Philadelphia Roll & Machine Co. (Annealing), 25th & Washington av, Phila., Pa.

10604a— *Pans (Pressure)

ZAREMBA CO., Niagara Life bldg, Buffalo, N. Y. *See adv index at end of book*

10605— Pans (Refrigerator)

Atlantic Stamping Co. ("Atlantic" Galvanized Iron), 156-180 Ames, Rochester, N. Y.
Central Stamping Co. ("Puritan"), 174 Fulton, New York
Gem Stamped Steel Co., Chelsea, Mass.
Kraft A. C., 323 W Lake, Chicago, Ill.
National Refrigerator & Fixture Co., 8th & Park, St. Louis, Mo.
Peoria Can Co., Peoria, Ill.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.

10606—Pans (Roasting & Baking)

Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.

10607— Pans (Salt)

Bethlehem Fdry. & Machine Co., South Bethlehem, Pa.
Rapid Evaporating Co., Detroit, Mich.

10608— Pans (Shop)

Allsteelequip Co., Aurora, Ill.
American Bridge Co., 30 Church, New York
Bernstein Mfg. Co., 3rd & Westmoreland, Phila., Pa.
Clark W. J. Co. (Steel), Salem, O.
Cleveland Wire Spring Co. (Sheet Steel), Cleveland, O.
Heltzel Steel Form & Iron Co., Warren, O.
See adv index at end of book
Kilbourne & Jacobs Mfg. Co. (Pressed Steel), Columbus, O.
Kraft A. C., 323 W Lake, Chicago, Ill.
Lyon Metallic Mfg. Co. ("Lyon" Steel), Aurora, Ill.
New Britain Machine Co. ("New Britain"), 190 Chestnut, New Britain, Conn.
OHIO MFG. CO., P. O. Box 358, Painesville, O. *See adv index at end of book*
Wilson Andrew Co., 616 Essex, Lawrence, Mass. *See adv index at end of book*

10609—Pans (Steam Revolving)

Holmberg Chas. & Co., 1439 Austin av, Chicago, Ill.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*

10609a— *Pans (Steel Mortar)

Heltzel Steel Form & Iron Co., Warren, O.
See adv index at end of book
JACKSON MFG. CO., Harrisburg, Pa.
See adv index at end of book

10610—Pans (Sugar Coating)

Colton Arthur Co. (Revolving), Jefferson & Chene, Detroit, Mich.

10611—Pans (Sugar Cooling)

Blymyer Iron Works, Cincinnati, O.
Kilbourne & Jacobs Mfg. Co. (For Refiners), Columbus, O.

10612— Pans (Sweating)

Hammond Iron Works, Warren, Pa.
See adv index at end of book

10613—*Pans (Taper, Steel)

OHIO MFG. CO., P. O. Box, 358, Painesville, O. *See adv index at end of book*

10614— Pans (Vacuum)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
American Copper & Brass Works, Cincinnati, O.
Badger E. B. & Sons Co., 75 Pitts, Boston, Mass.
Baeuerle & Morris (For the Evaporation of Grain or Paste, etc), 932 N Front, Phila., Pa.
Bartlett-Hayward Co., Scott & McHenry, Baltimore, Md.
Birmingham Machine & Foundry Co., Birmingham, Ala.
Blymyer Iron Works Co., Cincinnati, O.
Boston Copper Works Co., E Boston, Mass.
Brecht Co. (Steam Jacketed), 1201 Cass av, St. Louis, Mo.
Bucyrus Copper Kettle Works (Copper), Bucyrus, O.
Coldwell-Wilcox Co., Newburgh, N. Y.
Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
Dopp H. W. Co., Buffalo, N. Y.
Dyer Co., Cleveland, O.
ELYRIA ENAMELED PRODUCTS CO. (Glass Enameled), Elyria, O.
See adv index at end of book
Flynn W. S., 76 Hudson, Jersey City, N. J.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Guild & Garrison, 457 Kent av, Brooklyn, N. Y.
Harris Arthur & Co., 212 N Curtis, Chicago, Ill.
Hoffman-Ahlers Co, 828 E Pearl, Cinn., O.
Holmberg Chas. & Co. (Confectioners, etc), 1439 Austin av, Chicago, Ill.
Joubert & Goslin Mach. & Fdry. Co., Birmingham, Ala.
Kilby Mfg. Co. (Cast Iron & Steel), Cleveland, O.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Krajewski-Pesant Corp., 54 Beard, Brooklyn, N. Y.
Manistee Iron Works Co. (For Salt), Manistee, Mich.
Manitowoc Engineering Works, Manitowoc, Wis.
Marshall Foundry Co., Pittsburgh, Pa.
Murphy John H, 643 Magazine, New Orleans, La.
Oat Jos. & Sons, 232 Quarry, Phila., Pa.
Philadelphia Coppersmithing Co., 222 N Front, Phila., Pa.
Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.
Rapid Evaporating Co., Detroit, Mich.
Sowers Mfg. Co., 1320 Niagara, Buffalo, N. Y.
Sperry D. R. & Co. ("Sperry" Swing Kettle), Batavia, Ill.
Squier Geo. L. Mfg. Co., Buffalo, N. Y.
Turl Iron & Car Co., Inc., The, 50 Broad, New York. Works: Newburgh, N. Y.
Von Phul Gilbert D., Hibernia Bank bldg, New Orleans, La.
WHEELER CONDENSER & ENGINEERING CO. ("Wheeler"), Carteret, N. J.
See adv index at end of book
Wood R. D. & Co., 400 Chestnut, Phila., Pa.
ZAREMBA CO., Niagara Life bldg, Buffalo, N. Y. *See adv index at end of book*

10615— Pans (Wax)

Hammond Iron Works, Warren, Pa.
See adv index at end of book
Leetonia Boiler Co., Leetonia, O.

10616— Pans (Weigh)

United Iron Works Co., Kansas City, Mo.

10617— Pans (Wet)

Clearfield Machine Shops, Clearfield, Pa.
Frost Mfg. Co. ("Frost"), Galesburg, Ill.
Jackson & Church Co., Saginaw, Mich.
Pennsylvania Grusher Co., Stephen Girard bldg., Phila., Pa.
Phillips & McLaren, Pittsburgh, Pa.
Portsmouth Engine Co. (Self-Dumping), Portsmouth, O.
United Iron Works Co., Kansas City, Mo.
Worthington Pump & Machinery Corp., 115 B'way, New York
See adv index at end of book

10618— Pantographs

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
Ashcroft Mfg. Co., 119 W 40th, New York
Elliott B. K. Co., 126 6th, Pittsburgh, Pa.
Keuffel & Esser Co., Hoboken, N. J.
Star Brass Mfg. Co., 108 E. Dedham, Boston, Mass.

10619—Pantry Windows (Revolving)

Van Kannel Revolving Door Co., 250 W 54th, New York

10620— Paper (Absorbent)

Eaton-Dikeman Co. (All Grades), Lee, Mass.
Funke Ferdinand Sons, Evansville, Ind.
Munroe Falls Paper Co., Masillon, O.

10621— Paper (Anti-Rust)

Brown Co., Portland, Me.
Fox Paper Co., Lockland, O.
Robertson C. M. Co., Montville, Conn.
UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book

10622—Paper (Anti-Tarnish)

Adams Paper Co., Wells River, Vt.
Brown Co., Portland, Me.
Fox Paper Co., Lockland, O.
Greene Paper Co., 5014 Market, Phila., Pa.
Mohawk Valley Paper Co., Little Falls N.Y.
Sorg Paul A. Paper Co., Middletown, O.
Whittlesey F. H. Co. (Tissue), Windsor Locks, Conn.

10623— Paper (Bag)

Brown Co., Portland, Me.
Cheboygan Paper Co., Cheboygan, Mich.
Cleveland-Akron Bag Co., Cleveland, O.
Crown Willamette Paper Co., San Francisco, Cal.
Cushnoc Paper Co., Augusta, Me.
DeGrasse Paper Co., Pyrites, N. Y.
Dexter Sulphite Pulp & Paper Co. Dexter, N. Y.
Eddy Paper Co., Three Rivers, Mich.
E-Z Opener Bag Co., Taylorville, Ill.
Fletcher Paper Co., Alpena, Mich.
Hartford City Paper Co. (Greaseproof & Glassine), Hartford City, Ind.
Henry Paper Co., The, Lincoln, N. H.
Hollingsworth & Whitney Co., 185 Devonshire, Boston, Mass.
Howland Pulp & Paper Corp., Howland, Me.
International Paper Co., 30 Broad, New York
Island Paper Co., Carthage, N. Y.
Jaite Co. Boston, O.
Lake Champlain Pulp & Paper Co., Piattsburgh, N. Y.
McDowell Paper Mills, Main & Levering, Phila., Pa.
Marseilles Wrapping Paper Co., Marseilles, Ill.
Michigan Bag & Paper Co., Jackson, Mich.
New York & Pennsylvania Co., 200 5th av, New York
Raquette River Paper Co., Potsdam, N. Y.
Rogers J. & J. Co., Ausable Forks, N. Y.
Victoria Paper Mills Co., Fulton, N. Y.
Yellow Pine Paper Mill Co., Orange, Tex.

10624— Paper (Bank Note)

Brown L. L. Paper Co., Adams, Mass.
Crane & Co., Dalton, Mass.

10625—Paper (Bankers' Safety)

La Monte Geo. & Son ("National," "Bankers' Safety," "Safety Check"), 61 B'way, New York

10626— Paper (Bible)

Bardeen Paper Co., Otsego, Mich.
Kimberly-Clark Co., Neenah, Wis.
Tileston & Hollingsworth Co., 49 Federal, Boston, Mass.

10627— Paper (Black)

Brown Co., Portland, Me.
Hampton Paper Co., Northampton, Mass.
Kimberly-Clark Co., Neenah, Wis.
Schmidt & Ault Paper Co., York, Pa.

10628—Paper (Black Coated)

General Roofing Mfg. Co. (Waterproof), 17th & Southern Ry, E St. Louis, Ill.
Watson H. F. Co. (Waterproof), Erie, Pa.

10629— Paper (Blasting)

Atlas Paper Co., Indianapolis, Ind.
Brown Co., Portland, Me.
Bloomsburg Paper Co. (Waterproof), Lightstreet, Pa.
Dooley Bros. (Jobbers), 604 S Adams, Peoria, Ill.
Fleming John G. & Son, Dallas, Texas
Graham Paper Co., St. Louis, Mo.
Herrlinger Paper Co., 211 Main, Cincinnati, O.
Megargee Bros. (Waterproof) Scranton, Pa
National Paper Mills & Filler Co., W 43d & S Racine av, Chicago, Ill.
Paper Mfrs. Co. (Jobbers), 526 Cherry, Phila., Pa.
Queen City Paper Co., 515 Eggleston av, Cincinnati, O.
UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
Weston Paper & Mfg. Co., Dayton, O.

10630— Paper (Blotting)

Albemarle Paper Mfg. Co. ("World," "Hollywood," "Reliance," "Vienna Moire," "Directoire"), Richmond, Va.
Bardeen Paper Co. (Interleaving), Otsego, Mich.
Crocker, Burbank & Co., Fitchburg, Mass.
District of Columbia Paper Mfg. Co., 3255 K. N. W., Washington, D. C.
Eaton-Dikeman Co. ("Arlington," "Magnet," "Columbian," "Lenox"), Lee, Mass.
Gilbert Frank Paper Co., Waterford, N. Y.
Hampden Glazed Paper & Card Co., (Enameled & Glazed), Holyoke, Mass.
HEWITT C. B. & BROS. (Jobbers), 49 Beekman, New York
See adv index at end of book
Parker Jos. & Son Co. ("Treasury," "Commercial," "Capitol"), New Haven, Conn.
Richmond Paper Mfg. Co. ("Climax," "Star" & Enameled), Richmond, Va.
Standard Paper Mfg. Co. ("Sterling," "Imperial" & "Standard" Plain; "Royal Worcester" & "Defender" Enameled; "Curi-Curl," "Prismatic" & "Banker's Linen Finish" Embossed), Hull & Canal, Richmond, Va.
See adv index at end of book

BLOTTING, ABSORBENT and Matrix Papers
Standard Paper Mfg. Co.
Richmond, Va.
Largest Exclusive Manufacturers

Vinton W. H. & Son, Brattleboro, Vt.
Wrenn Paper Co. ("Wrenn's Best," "Wrenn's Record," "Mosaic," "Miami," "Antlers," also "Porcelain" & "Competition" Enameled), Middletown, Ohio

10631—Paper (Blue Print) Mfrs.

Brown L. L. Paper Co. (Linen Ledger), Adams, Mass.
NEW YORK BLUE PRINT PAPER CO. ("Gold Seal," "Superior," also Brown), 102 Reade, New York
Pease C. F. Co., 220 W Institute pl, Chicago, Ill.

10632— Paper (Bogus)

Andrews John T. & Co., Penn Yan, N. Y.
Harvey Paper Co., Wellsburg, W. Va.
Humphrey & Young, Napanoch, N. Y.
Lawless Paper Co., Rochester, N. Y.
Richmond Robert P., Valatie, N. Y.
Robertson C. M. Co., Montville, Conn.
Schmidt & Ault Paper Co., York, Pa.
Van de Carr Paper Co., Stockport, N. Y.

10633— Paper (Bond)

Aetna Paper Co., Dayton, O.
American Writing Paper Co., Holyoke, Mass.
Angel H. Reeve & Co., Inc., "Varsity," 7 Spruce, New York
Beckett Paper Co., Hamilton, O.
Brown Co. ("Nibroc"), Portland, Me.
Brown L. L. Paper Co., Adams, Mass.
Bryant Paper Co., Kalamazoo, Mich.
Carew Mfg. Co., South Hadley Falls, Mass.
Chapin & Gould Paper Co., Springfield, Mass.
Chemical Paper Mfg. Co., Holyoke, Mass.
Crane & Co., Dalton, Mass.
Crocker-McElwain Co., Holyoke, Mass.
District of Columbia Paper Mfg. Co., 3255 K. N. W., Washington, D. C.
East Hartford Mfg. Co., Burnside, Conn.
Eastern Mfg. Co., Bangor, Me.
Esleeck Mfg. Co. (Light Weight, Loft Dried), Turners Falls, Mass.
Everett Pulp & Paper Co., Everett, Wash.
Fox River Paper Co., Appleton, Wis.
Gilbert Paper Co., Menasha, Wis.
Hammermill Paper Co., Erie, Pa.
Hampshire Paper Co., South Hadley Falls, Mass.
Kalamazoo Paper Co., Kalamazoo, Mich.
Keith Paper Co., Turners Falls, Mass.
Kimberly-Clark Co., Neenah, Wis.
Lee Paper Co. (Loft Dried), Vicksburg, Mich.
Marathon Paper Mills Co., Rothchild, Wis.
Millers Falls Paper Co., Millers Falls, Mass.
Mountain Mill Paper Co., Lee, Mass.
Munising Paper Co., Munising, Mich.
Neenah Paper Co., Neenah, Wis.
Oglesby W. B. Paper Co. ("Corduroy"), Middletown, O.
Parsons Paper Co., Holyoke, Mass.
Peninsular Paper Co., Ypsilanti, Mich.
Rising B. D. Paper Co. ("Housatonic," "Barrington" & "Danish"), Housatonic, Mass.
Riverside Fibre & Paper Co., Appleton, Wis.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
Southworth Co., Mittineague, Mass.
Strathmore Paper Co., Mittineague, Mass.
Taylor-Atkins Paper Co., Burnside, Conn.
Taylor-Logan Co. ("Public Service"), Holyoke, Mass.
UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
Valley Paper Co., Holyoke, Mass.
Wausau Abrasives Co., Chicago, Ill.
Weston Byron Co. ("B. W. Defiance"), Dalton, Mass.
Whiting Paper Co., Holyoke, Mass.
Whiting-Plover Paper Co., Stevens Point, Wis.
Worthy Paper Co. Assn., Mittineague, Mass.
Wroe W. E. & Co. (Construction Bond, Special Water Marks for the Trade), 208 E Ill., Chicago, Ill.

10634— Paper (Book)

Advertisers Paper Mill, Holyoke, Mass.
Alexandria Paper Co., Alexandria, Ind.
American Writing Paper Co., Holyoke, Mass.
Amoskeag Paper Mill Co., Manchester, N. H.
Antietam Paper Co., Hagerstown, Md.
Bardeen Paper Co., Otsego, Mich.
Bare D. M. Paper Co., Roaring Spring, Pa.
Barnes Paper Mills, Rochester, Mich.
Bergstrom Paper Co. (Machine Finished & Super Calendered), Neenah, Wis.
Bryant Paper Co. (Super & Machine Finish), Kalamazoo, Mich.
Bulkley, Dunton & Co., 75 Duane, New York
Cantine Martin Co., Saugerties, N. Y.
Champion Coated Paper Co., Hamilton, O.
Champion International Co. (Enameled), Lawrence, Mass.
Cleveland Paper Mfg. Co., Cleveland, O.
Contoocook Valley Paper Co., West Henniker, N. H.
Crocker, Burbank & Co., Fitchburg, Mass.
Curtis & Bro. (Rag), Newark, Del.
Dill & Collins Co., 140 N 6th, Phila., Pa.
District of Columbia Paper Mfg. Co. (All Rag Deckle Edge), 3255 K N W, Washington, D. C.
Emerson Paper Co., Sunapee, N. H.
Everett Pulp & Paper Co. (Machine Finished & Super Calendered), Everett, Wash.
Fitchburg Paper Co., Fitchburg, Mass.
French Paper Co., Niles, Mich.
Garrett C. S. & Son Co., 20 S Marshall, Phila., Pa.
Gilbert Frank Paper Co., Waterford, N. Y.
Glatfelter P. H. Co., Spring Grove, Pa.
Hamilton W. C. & Sons, Wm. Penn, Pa.
Harmon Paper Co., Brownville, N. Y.
Hartford Paper Co., Hartford, Conn.
Holden Paper Co., Newburgh, N. Y.
Jessup & Moore Paper Co., Commercial Trust bldg, Phila., Pa.
Kalamazoo Paper Co., Kalamazoo, Mich.
Kimberly-Clark Co., Neenah, Wis.
King Paper Co., Kalamazoo, Mich.
McDowell Paper Mills, Main & Levering, Phila., Pa.
Mead Pulp & Paper Co., Dayton, O.
Merrimac Paper Co. (Enameled), Lawrence, Mass.
Miamisburg Paper Co., Miamisburg, O.
Michigan Paper Co., Plainwell, Mich.
Millers Falls Paper Co., Millers Falls, Mass.
Monadnock Paper Mills, 201 Devonshire, Boston, Mass.
Monarch Paper Co., Kalamazoo, Mich.
Moorhouse R. T., 2655 Bridge, Phila., Pa.
Nashua River Paper Co., Pepperell, Mass.
New York & Pennsylvania Co., 200 5th av, New York
Nixon Martin & Wm. H. Paper Co., 1011 Chestnut, Phila., Pa.
Otsego Coated Paper Co. (Coated), Otsego, Mich.
Oxford Paper Co., 200 Fifth av, New York
Patten Paper Co. (Ltd.), Appleton, Wis.
Peninsular Paper Co., Ypsilanti, Mich.
Poland Paper Co., Mechanic Falls, Me.
Reading Paper Mills, Reading, Pa.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
Strathmore Paper Co., Mittineague, Mass.
Taylor-Logan Co., Holyoke, Mass.
Ticonderoga Pulp & Paper Co., 200 5th av, New York. Mills: Ticonderoga, N. Y.
Tileston & Hollingsworth Co., 49 Federal, Boston, Mass.
Tomahawk Pulp & Paper Co., Tomahawk, Wis.
Wanaque River Paper Co., Wanaque, N. J.
Warren S. D. & Co., 120 Franklin, Boston, Mass.
Watab Pulp & Paper Co., Sartell, Minn.
Watervliet Paper Co., Watervliet, Mich.
West Virginia Pulp & Paper Co., 200 5th av, New York
Wheelwright Geo. W. Paper Co., 95 Milk, Boston, Mass.
Whiting Geo. A. Paper Co., Menasha, Wis.

10635—Paper (Box Covering)

Boston Paper Mfg. Co., 15 Chardon, Boston, Mass.
Kimberly-Clark Co., Neenah, Wis.
Ryan J. D. Co. (Cigar), 735 Central av, Cleveland, O.
Tuttle Press Co., Appleton, Wis.
Walsh Paper Co., Cuyahoga Falls, O.

10636-7—Paper (Box Makers')

Hampden Glazed Paper & Card Co. (Glazed, Flinted & Embossed), Holyoke, Mass.
Peerless Paper Box Mfg. Co., 1137 W 6th, Cleveland, O.
Schmidt & Ault Paper Co. (Chip), York, Pa.
Vosta Co., Albany, N. Y.

10638—Paper (Butchers' Manila)

Andrews John T. & Co., Penn Yan, N. Y.
Fleming John G. & Son, Dallas, Tex.
Fox Paper Co., Lockland, O.
Hartje Paper Mfg. Co., 113 Wood, Pittsburgh, Pa.
Humphrey & Young, Napanoch, N. Y.
Kieffer Paper Co., Brownstown, Ind.
Lawless Paper Co., Rochester, N. Y.
Marcellus Paper Co. (Waterproof), Syracuse, N. Y.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
Schmidt & Ault Paper Co., York, Pa.
UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book

10639— Paper (Carbon)

Allen Jno. Co., 17 Rose, New York
American Multigraph Sales Co., 1832 E 40th, Cleveland, Ohio
American Ribbon & Carbon Co. ("Eagle," "Onion Skin"), Rochester, N. Y.
Apter Bros. Mfg. Co., 552 W Harrison, Chicago, Ill.
Ault & Wiborg Co., Cincinnati, O.
Black Diamond Ribbon & Carbon Co. ("Black Diamond"), Rochester, N. Y.
Brecher E. A. & Co. ("Peerless," "Unxld," "Merit"), 119 Lafayette, New York
Buckeye Ribbon & Carbon Co., Cleveland, Ohio
Carter's Ink Co. ("Ideal"), E Cambridge, Boston, Mass.
Columbia Ribbon & Carbon Mfg. Co. ("Columbia"), 69 Wooster, New York
Corona Supply Co. ("Corona" & "Iroquois"), Rochester, N. Y.
Crown Ribbon & Carbon Mfg. Co. ("Crown," "Globe," "Pioneer"), Rochester, N. Y.
De Fi Mfg. Co. ("De-Fi," "Solite"), 150 Nassau, New York
Downes & Co. ("So-Klean"), 63 Wall, New York
Foyer Chas. A. & Co. ("Foyer"), 1104 Prospect av, Cleveland, O.
General Manifold & Printing Co., Franklin, Pa.
Heale J. A. & Co. ("H.-B," "Crystal," "Rival," "Export," "Special"), 96 John, New York
Imperial Mfg. Co. ("Non-Smut"), 297 Washington, Newark, N. J.
Indeliba Mfg. Co., Rochester, N. Y.
INK RIBBON MFG. CO. ("Peacock" Silk Carbon Paper & Silk Typewriter Ribbons, "Flo-Eze" Inks, "Quicksticker" Mucilage & Paste, "Irco" Stamp Pads & Stamp Pad Inks), 633 Howard, San Francisco, Cal.
International Carbon Paper Co., 206 B'way, New York
Kee Lox Mfg. Co. ("Kee Lox"), Rochester, N. Y.
Kruse Printing Ink Co., 437 Pearl, New York
Little A. P. ("Cobweb"), Rochester, N. Y.
Manifold Supplies Co. ("Panama"), 188 3d av, Brooklyn, N. Y.
Miller-Bryant-Pierce Co. ("Carnation," "Diamond," "Thin-O," "Clover," "Maple Leaf," "Aurora," "Special," "M. B. P."), Aurora, Ill.
Minford Ribbon & Carbon Co. ("Minford"" & "Sea Bell"), 444 Pearl, New York
Mittag & Volgar ("Eureka"), Park Ridge, N. J.
National Ribbon & Carbon Co., 1466 E 55th, Cleveland, O.
Neidich Process Co., Burlington, N. J.
Non-Smut Carbon Mfg. Co. ("Attorney," "Standard"), Rochester, N. Y.
Pen Carbon Manifold Co. ("Non-Flake Typewriter Carbon"), New Brunswick, N. J
Phillips Ribbon & Carbon Co. ("Philco"), 88 Manhattan, Rochester, N. Y.
Republic-Dodge Mfg. Co. ("Du-Ra-Bul"), 188 3d av, Brooklyn, N. Y.
Rogers Manifold & Carbon Paper Co. ("Rogers"), 33 Sullivan, New York
Smith Paper Co., Lee, Mass.
Snelling & Son, 225 34th, Brooklyn, N. Y.
Stafford S. S., 609 Washington, New York
Storms H. M. Co. ("American," "Triangle," "Smirchless"), 11 Vandewater, New York
Typeribbon Mfg. Co. ("Van-Sen"), 711 S Dearborn, Chicago, Ill.
Underwood Jno. & Co., 62 Park pl, New York

PAPER (CARBON)—continued

UNION PAPER & TWINE CO. ("Unico"), 125 St. Clair av, N W, Cleveland, O., and 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book

Union Ribbon & Carbon Co. ("Apex," "Summit"), Front & Laurel, Phila., Pa.

United States Typewriter Ribbon Mfg. Co. ("U. S."), 124 So 8th, Phila., Pa.

Vacuo-Static Carbon Co. ("Smearless"), Rochester, N. Y.

Webster F. S. Co. ("Multe Kopy"), 340 Congregational, Boston, Mass.

Whitfield Carbon Paper Works ("Whitfield" Pencil & Typewriter), 33 Sullivan, New York

10640—Paper (Carbon Tissue)

Diamond Mills Paper Co., 44 Murray, New York

Gandy Wm. H. (Estate), Lambertville, N. J.

Smith Paper Co., Lee, Mass.

10641—Paper (Carborundum)

Carborundum Co. (Garnet Paper & Cloth & Aloxite Cloth, Niagara Falls, N. Y.

10642— Paper (Cartridge)

Brown Co., Portland, Me.

Bloomsburg Paper Co. (Waterproof), Lightstreet, Pa.

Cleveland-Akron Bag Co., Cleveland, O.

Everett Pulp & Paper Co., Everett, Wash.

Sorg Paul A. Paper Co., Middletown, O.

UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
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10643—Paper (Cash Register)

Burnham Asa C., Camden, N. Y.

Hartford City Paper Co., Hartford City, Ind.

International Roll Paper Co., No. Manchester, Ind.

Kimberly-Clark Co., Neenah, Wis.

Perry Chas. E. Co., 77 Washington North, Boston, Mass.

Rockwell-Barnes Co., 823 S Wabash av, Chicago, Ill.

Standard Cash Register Co. (Autographic), No. Manchester, Ind.

10644—Paper (Cloth Lined)

Cleveland-Akron Bag Co. (Poster), Cleveland, O.

Le Fevre Edward Y., Fallsburg, N. Y.

UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
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Paper (Coated)

See Paper, Surface, Coated

10645-6—Paper (Condenser)

Smith Paper Co., Lee, Mass.

Paper (Copying & Manifold)

See Railroad Stationery, Blanks, Manifestos; also Paper, Manifold; also Paper, Railroad Manifold; also Paper, Railroad, Copying

10647— Paper (Cork)

Armstrong Cork Co., 24th & A. V. R. R., Pittsburgh, Pa.

10648— Paper (Corrugated)

Agar Mfg. Co., 167 41st, Brooklyn, N. Y.

Bicking S. Austin, East Downingtown, Pa.

Corrugated Paper Co., Norfolk, Va.

Detroit Corrugated Box & Board Co., 88 Isabella, Detroit, Mich.

Fenton Fibre Box Co., North Tonawanda, N. Y.

Fibre Package Co., 88 Isabelle, Detroit, Mich.

FOSTER F. B. & CO., 25th & Locust, Phila., Pa.

Ft. Wayne Corrugated Paper Co., Ft. Wayne, Ind.

Gair Robert Co., 50 Washington, Brooklyn, N. Y.

Grand Corrugated Paper Co., 30 Crosby, New York

Hinde & Dauch Paper Co., Sandusky, O.

Hunt-Crawford Co., Coshocton, O.

Illinois Glass Co., Alton, Ill.

Lawrence Paper Co. ("Jayhawk" Law-Double Face), 151 Spring, New York

Nivison-Weiskopf Co., 318 Elm, Cincinnati, O.

Page Geo. G. Box Co., Cambridge, Mass.

Park Novelty Co., 25th & Loest, Phila., Pa.

Phillips Thos. Co., Akron, O.

Schmidt & Ault Paper Co., York, Pa.

Sefton Mfg. Corp., 1301 W 35th, Chicago, Ill.

Thompson & Norris Co., The, Concord & Prince, Brooklyn, N. Y.

UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
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Warner & Childs, Co., Medford, Mass.

10649—Paper (Cotton Batting)

Robertson's Wm. Sons, Putney, Vt.

10650— Paper (Cover)

Advertisers Paper Mill, Holyoke, Mass.

American Writing Paper Co., Holyoke, Mass.

Bardeen Paper Co., Otsego, Mich.

Beckett Paper Co., Hamilton, O.

Bergstrom Paper Co., Neenah, Wis.

Case A. Willard Co., Manchester, Conn.

Chemical Paper Mfg. Co., Holyoke, Mass.

Curtis & Bro., Newark, Del.

Detroit Sulphite Pulp & Paper Co., Detroit, Mich.

Dexter C. H. & Sons ("Princess," "Unique," "Levant"), Windsor Locks, Conn.

District of Columbia Paper Mfg. Co. ("Potomac" Plain & Fancy Patterns), 3255 K N W, Washington, D. C.

Gilbert Frank Paper Co., Waterford, N. Y.

Hampden Glazed Paper & Card Co. ("Algonkin," "Kwasind," "Sunburnt"), Holyoke, Mass.

Keith Paper Co., Turner Falls, Mass.

Kimberly-Clark Co., Neenah, Wis.

Knowlton Bros., Watertown, N. Y.

McDowell Paper Mills, Main & Levering, Phila., Pa.

Marathon Paper Mills Co., Rothchild, Wis.

Millers Falls Paper Co., Millers Falls, Mass.

Monroe Bridge Paper Co., Monroe Bridge, Mass.

New York-New England Co., Holyoke, Mass.

New York & Pennsylvania Co., 200 5th av, New York

Niagara Paper Mills, Lockport, N. Y.

Pejepscot Paper Co., 111 B'way, New York

Peninsular Paper Co., Ypsilanti, Mich.

Pioneer Paper Co., Ballston Spa, N. Y.

Seaman Paper Co., 208 S La Salle, Chicago, Ill.

Standard Paper Co., Kalamazoo, Mich.

Strathmore Paper Co., Mittineague, Mass.

Taylor Logan Co., Holyoke, Mass.

Worthy Paper Co. Assn. (Fancy & Deckle Edged), Mittineague, Mass.

10651— Paper (Crepe)

American Novelty Paper Co., Saugerties, N. Y.

Bainbridge's Chas. T. Sons, 2 Cumberland, Brooklyn, N. Y.

Dennison Mfg. Co., 26 Franklin, Boston, Mass.

Erving Paper Mills, Erving, Mass.

Schmidt & Ault Paper Co. (Heavy), York, Pa.

Tuttle Press Co., Appleton, Wis.

United States Paper Mills, Chambersburg, Pa.

When writing to firms whose names appear in this book please mention
HENDRICKS' COMMERCIAL REGISTER.

10651a— Paper (Detail)

Angel H. Reeve & Co., Inc. ("Elswick," "Berwick," "Carwick"), 7 Spruce, New York

C. B. HEWITT & BROS., Inc.
49 BEEKMAN ST., NEW YORK
Manufacturers, Importers and Dealers

Paper Pattern Papers, Detail and Tracing Papers, Flexible Papers for Leather Work, Backing Paper, Card Middles, Jute and Rope Manillas, Building and Roofing Papers, Wrapping Papers, Special Papers made to order.

Boards Binders Boards, Trunk and Case Boards, Friction Boards, Leather Boards, Fibre Boards, News and Press Boards, Box Boards, Straw Boards (Air and Steam Dried). A.B.C. Pattern Boards a specialty.

Glues Foreign and Domestic, Hide and Bone Glues, Sheet, Broken and Ground, for Cabinet and Piano Work (joint and veneer), Paper Making, Straw Hat and Fabric and Kalsomine Sizing, Bindery, Furniture and Box Makers' Glues.

Gelatines Capsule Manufacturers, Pharmaceutical Preparation Makers, Confectioners, Jelly and Preserve Manufacturers, etc.

HEWITT C. B & BROS. (Jobbers), 49 Beekman, New York
See adv index at end of book

10652— Paper (Document)

Detroit Sulphite Pulp & Paper Co., Detroit, Mich.

UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book

10653-4— Paper (Drawing)

American Writing Paper Co., Holyoke, Mass.

ANGEL H. REEVE & CO., INC., 7 Spruce, New York

Bardeen Paper Co. (White & Grey), Otsego, Mich.

Bedford Pulp & Paper Co., Richmond, Va.

Bryant Paper Co., Kalamazoo, Mich.

Chemical Paper Mfg. Co. (Manila), Holyoke, Mass.

Detroit Sulphite Pulp & Paper Co., Detroit, Mich.

Keuffel & Esser Co., Hoboken, N. J.

Kimberly-Clark Co., Neenah, Wis.

Mason-Perkins Paper Co., Bristol, N. H.

Schmidt & Ault Paper Co., York, Pa.

UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
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Paper (Drawing, Tracing & Detail)

See Tracing Cloth & Paper

10655-6— . Paper (Drug)

Bardeen Paper Co., Otsego, Mich.

Kimberly-Clark Co., Neenah, Wis.

McDowell Paper Mills, Main & Levering, Phila., Pa.

Wausau Paper Mills Co. (Bond), Brokaw, Wis.

Paper (Emery)

See Paper, Flint, Sand & Emery

10657— Paper (Enameled)

Bryant Paper Co. ("Radium," Enameled), Kalamazoo, Mich.
Cantine Martin Co., Saugerties, N. Y.
Riverview Coated Paper Co. (Book), Kalamazoo, Mich.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.

10658— Paper (Envelope)

American Writing Paper Co., Holyoke, Mass.
Brown Co., Portland, Me.
Bryant Paper Co. (Rag & Wool), Kalamazoo, Mich.
Chemical Paper Mfg. Co., Holyoke, Mass.
Considine Norbert A., North American bldg, Phila., Pa.
Crocker-McElwain Co., Holyoke, Mass.
Curtis & Bro., Newark, Del.
Cushnoc Paper Co. (Manila), Augusta, Me.
Detroit Sulphite Pulp & Paper Co., Detroit, Mich.
Eastern Mfg. Co., Bangor, Me.
Henry Paper Co., Lincoln, N. H.
Howard Paper Co., Urbana, O. (See Dayton)
Kalamazoo Paper Co., Kalamazoo, Mich.
Kimberly-Clark Co., Neenah, Wis.
King Paper Co., Kalamazoo, Mich.
Lee Paper Co., Vicksburg, Mich.
Merrimac Paper Co., Lawrence, Mass.
Miamisburg Paper Co., Miamisburg, O.
Monadnock Paper Mills, 201 Devonshire, Boston, Mass.
Moore & Thomspon Paper Co., Bellows Falls, Vt.
N. Y. & Penn. Co., 200 Fifth av, New York
Orono Pulp & Paper Co. (Manila), Bangor, Me.
Racquette River Paper Co., Potsdam, N. Y.
Robertson Paper Co. (Manila), Bellows Falls, Vt.
Rogers J. & J. Co. (Manila), Au Sable Forks, N. Y.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
Warren Mfg. Co. (Jute), 233 B'way, New York
Watervliet Paper Co., Watervliet, Mich.
West Va. Pulp & Paper Co., 200 5th av, New York

10659— Paper (Express)

Bardeen Paper Co., Otsego, Mich.
Central Box Board Co., 43d & Racine av, Chicago, Ill. Works: Rock Falls, Ill.
Cleveland-Akron Bag Co., Cleveland, O.
Clinton Paper Co. (No. 2), Clinton, Iowa
Crown Willamette Paper Co., San Francisco, Cal.
Eureka Paper Co., Fulton, N. Y.
E.-Z. Opener Bag Co., Taylorville, Ill.
Fox Paper Co., Lockport, O.
Gould Paper Co. (Drab), Port Leydon, N. Y.
Howland Pulp & Paper Corp., Howland, Me.
Kieffer Paper Co. (No. 2 Red), Ewing, Ind.
Kimberly-Clark Co., Neenah, Wis.
La Salle Paper Co., South Bend, Ind.
McDowell Paper Mills, Main & Levering, Phila., Pa.
Marcellus Paper Co., Syracuse, N. Y.
Marseilles Wrapping Paper Co. (Glazed), Marseilles, Ill.
Monroe Falls Paper Co., Massillon, O.
New York & Penna. Co., 200 Fifth av, New York
Onondaga Paper Co., Marcellus Falls, N. Y.
Racquette River Paper Co., Potsdam, N. Y.
Strange John Paper Co., Menasha, Wis.
Tarentum Paper Mills, 2d National Bank bldg, Pittsburgh, Pa.
Yellow Pine Paper Mill Co. (Drab), Orange, Texas
York Haven Paper Co. (Light & Dark), Land Title bldg, Phila., Pa.

10660— Paper (Fibre)

Ager C. L. J., Lyonsdale, N. Y.
Analomink Paper Co., No. Water Gap, Pa.
Bedford Pulp & Paper Co., Richmond, Va.
Brownville Paper Co., Brownville, N. Y.
Carolina Fibre Co., Hartsville, S. C.
Central Paper Co., Muskegon, Mich.
Cherry River Paper Co., Land Title bldg, Phila., Pa.
Continental Fibre Co., Newark Centre, Del.
Dells Paper & Pulp Co., Eau Claire, Wis.
Dexter Sulphite Pulp & Paper Co., Dexter, N. Y.
Diamond State Fibre Co., Elsmere, Del.
Eureka Paper Co., Fulton, N. Y.
Falls Mfg. Co., Oconto Falls, Wis.
Fibre Corporation, Lockport, N. Y.
Fletcher Paper Co., Alpena, Mich.
Garrett C. S. & Son Co., 20 S Marshall, Phila., Pa.
Glen Mills Paper Co., Stephen Girard bldg, Phila., Pa.
Green Bay Paper & Fibre Co., Green Bay, Wis.
Hartje Paper Mfg. Co., 113 Wood, Pittsburgh, Pa.
Hoboken Paper Mill Co., Hoboken, N. J.
Hollingsworth & Whitney Co., 185 Devonshire, Boston, Mass.
International Paper Co., 30 Broad, New York
Island Paper Co. (Dry), Carthage, N. Y.
Island Paper Co., Menasha, Wis.
Kimberly-Clark Co., Neenah, Wis.
Lebanon Paper Co., San Francisco, Cal.
Lysle Wilson (Est. of), Landenberg, Pa.
McDowell Paper Mills, Main & Levering, Phila., Pa.
Malone Paper Co., Malone, N. Y.
Marcellus Paper Co., Syracuse, N. Y.
Marinette & Menominee Paper Co., Marinette, Wis.
Marshall Bros., Yorklyn, Del.
Moyer & Pratt, Lyons Falls, N. Y.
National Fibre & Insulation Co., Yorklyn, Del.
Nekoosa-Edwards Paper Co., Port Edwards, Wis.
New York & Pennsylvania Co., 200 5th av, New York
Odell Mfg. Co., Groveton, N. H.
Onondaga Paper Co., Marcellus Falls, N. Y.
Paraffine Companies, Inc., California Paper & Board Mills Div., San Francisco, Cal.
Parsons Pulp & Lumber Co., Finance bldg, Phila., Pa.
Racquette River Paper Co., Potsdam, N. Y.
Schmidt & Ault Paper Co., York, Pa.
Strange John Paper Co., Menasha, Wis.
Volney Paper Co., Fulton, N. Y.
Wausau Paper Mills Co., Brokaw, Wis.
Wilmington Fibre Specialty Co., Wilmington, Del.
Wolf River Paper & Fibre Co., Shawano, Wis.
Yellow Pine Paper Mill Co., Orange, Texas
York Haven Paper Co., Land Title bldg, Phila., Pa.

10661— Paper (Filter)

ANGEL H. REEVE & CO., INC., 7 Spruce, New York
Baker J. T. Chemical Co. ("Baker's" Ashless), Phillipsburg, N. J.
Bausch & Lomb Optical Co., Rochester, N. Y.
Daigger A. & Co. ("Celeritas"), 54 W Kinzie, Chicago, Ill.
Eimer & Amend ("Schlecher" & "Schuell," "E. & A.," etc), 205 3d av, New York
Fougera E. & Co. ("Pratt-Dumas" Sole Agents), 90 Beekman, New York
Heil Henry Chemical Co. (Max Deverhoff's), St. Louis, Mo.
HEWITT C. B. & BROS. (Jobbers), 49 Beekman, New York
See adv index at end of book
Lenz Apparatus Co., 9 E 16th, New York
Sargent E. H. & Co. ("J. H. Munktell's" Swedish), 125 W Lake, Chicago, Ill.
Scientific Materials Co. (All Kinds), 717 Forbes, Pittsburgh, Pa.
Wrenn Paper Co., Middletown, O.

10662— Paper (Fireworks)

Funke Ferdinand Sons (Feather Edge), Evansville, Ind.
Kimberly-Clark Co., Neenah, Wis.
Munroe Falls Paper Co., Massillon, O.

10663—Paper (Flint, Sand & Emery)

American Glue Co. ("Union" Flint, etc), 121 Beverly, Boston, Mass.
Armour Sandpaper Works ("Bull's Head") 1355 W 31st, Chicago, Ill.
Baeder, Adamson & Co., Richmond & Allegheny avs, Phila., Pa.
Barton H. H. & Son Co. ("Best"), 109 S 3d, Phila., Pa.
Behr Herman & Co. ("Brooklyn," "Empire" & "Tiger"), 61 B'way New York
Kimberly-Clark Co., Neenah, Wis.
Manning Sand Paper Co., Troy, N. Y.
Minnesota Mining & Mfg. Co., 791 Forest, St. Paul, Minn.
U. S. Sand Paper Co., Williamsport, Pa.
Waddell R. J. & Co. ("National," "Metropolitan"), 52 Beekman, New York
West Jersey Paper Mfg. Co. (Sand), Camden, N. J.

10664— Paper (Fly)

Cassady-Fairbanks Mfg. Co. ("Excelsior," Poison), 6126 S La Salle, Chicago, Ill.
Grand Rapids Sticky Fly Paper Co., Grand Rapids, Mich.
Kimberly-Clark Co., Neenah, Wis.
Massillon Paper Co., Massillon, O.
Munroe Falls Paper Co., Massillon, O.
National Fly Paper Co., Kenosha, Wis.
Thum O. & W. Co. ("Tanglefoot"), Grand Rapids, Mich.
UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
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10665—Paper for Carbon Manifolding

See also Paper, Manifold

Dexter C. H. & Sons, Windsor Locks, Conn.

10666—Paper (Fourdrinier Tissue)

UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
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Paper (Garnet)

See Paper, Flint, Sand & Emery

10667— Paper (Glassine)

Angel H. Reeve & Co., Inc., 7 Spruce, New York
Hartford City Paper Co., Hartford City, Ind.
Warren Mfg. Co. (Riegel's "Jewel Brand"), 233 B'way, New York

10668— Paper (Glazed)

National Coated Paper Corp. (Roll & Sheet), Pawtucket, R. I.
Riverview Coated Paper Co., Kalamazoo, Mich.

10669—*Paper Goods (Sanitary)

UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
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10670—*Paper (Grease Proof)

UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
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10671— Paper (Gummed)

Anderson W. J. & Co., 341 B'way, New York
Eisler Anthony & Co., 227 Canal, New York
Ideal Coated Paper Co. (Flat), Brookfield, Mass.
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.
Page Fred M. & Co. (For Paper Box Mfrs. & Sealing Machines), East Lynn, Mass.
Papco Paper Products Co., Atlanta, Ga.
Peters Co., 33-35th, Brooklyn, N. Y.
Thomas Stationery Mfg. Co., Springfield, O.

10672—Paper (Ham Wrapping)

Bardeen Paper Co. (Antiseptic), Otsego, Mich.
Central Box Board Co., 43rd & Racine av, Chicago, Ill.
Funke Ferdinand Sons (Common), Evansville, Ind.
Schmidt & Ault Paper Co., York, Pa.

10673-4—Paper (Hardware)

Bird & Son, East Walpole, Mass.
Case Mfg. Co., Unionville, Conn.
Fox Paper Co. (Black), Lockland, O.
Kimberly-Clark Co., Neenah, Wis.
Marcellus Paper Co., Syracuse, N. Y.
New York & Pennsylvania Co., 200 5th av, New York
Rogers J. J. & Co., Au Sable Forks, N. Y.
Schmidt & Ault Paper Co., York, Pa.

10675— Paper (Insulating)

See also Mica

American Mica Co. ("Puritan"), Newton Lower Falls, Mass.
American Vulcanized Fibre Co., 504 Equitable bldg, Wilmington, Del.
Barrett Co. (Also Insulatingg Rope), 17 Battery pl, New York
Bird & Son ("Kosat," "Neponset"), East Walpole, Mass.
Cabot Samuel (Inc.) ("Cabot's" Quilt), 141 Milk, Boston, Mass.
Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
Case Bros (Boards, Any Size or Thickness) Highland Park, Conn.
Case & Risley Press Paper Co. (Fuller Board & Press Board), Oneca, Conn.
Chatfield & Woods Co., 3rd & Plum, Cincinnati, O.
Continental Fibre Co. (Hard Fibre), Newark Centre, Del.
Crane Bros. ("Linoid"), Westfield, Mass.
DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*
Dexter C. H. & Sons (Tissue, etc), Windsor Locks, Conn.
Dialectric Mfg. Co., 224 S Vandeventer, St. Louis, Mo.
Diamond State Fibre Co. (Hard Fibre), Elsmere, Del.
Flintkote Co. ("Rex"), 88 Pearl, Boston, Mass.
Ford Mfg. Co., 2339 La Salle, Chicago, Ill.
Franklin Mfg. Co. ("Franklin"), Franklin, Pa.
General Roofing Mfg. Co. (Black Waterproof) (Sheating), 17th & Southern Ry, E St. Louis, Ill.
Green Insulation Co. ("Q. A."), Cleveland, Ohio
Hollingsworth & Vose Co. (All Grades for Insulating), 141 Milk, Boston, Mass.
Irvington Varnish & Insulator Co. ("Irvington"), Irvington, N. J.
Johns H. W.-Manville Co. (Asbestos), Madison av & 41st, New York
Kingsley Paper Co., 321 St. Clair, N W, Cleveland, O.
Lehon Co. ("Per-Bona"), W 45th & S Western av, Chicago, Ill.
Meirowsky Bros. ("Excelsior"), 106 B'way, Jersey City, N. J.
Merwin Paper Co. (Insulating Boards), Rainbow, Conn.
Mica Insulator Co. ("M. I. C." "Linolac," "Micanite," "Empire," "Kablak"), 68 Church, New York
National Fibre & Insulation Co. ("Peerless"), Yorklyn, Del.
Newton Paper Co., Holyoke, Mass.
Pittsburgh Insulating Co., 96 43d, Pittsburgh, Pa.
Rogers Paper Mfg. Co. (Insulating Boards), South Manchester, Conn.
Single Jno. Paper Co., Syracuse, N. Y
Standard Fibre Co., Miller st, Somerville, Mass.
Standard Paint Co. ("Hercules," "Giant," "Universal"), 233 B'way, New York
Tarentum Paper Mills (Rope Paper for Insulating), 2d National Bank bldg, Pittsburgh, Pa.
Union Fibre Co. (And Quilts, "Linowelt"), Winona, Minn.
Union Mills Paper Mfg. Co. (For Electric Light & Telephone Cables), New Hope, Pa.
UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
Watson H. F. Co. (Asbestos & Rope), Erie, Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
WILMINGTON FIBRE SPECIALTY CO. ("Fyberoid"), Wilmington, Del.
See adv index at end of book
York Haven Paper Co. (Insulating Paper), Land Title bldg, Phila., Pa.

10676— Paper (Jute)

Hollingsworth & Vose Co., 141 Milk, Boston, Mass.
Kimberly-Clark Co., Neenah, Wis.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
Sorg Paul A., Paper Co., Middletown, O.
UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
Wardlow-Thomas Paper Co., Middletown, Ohio
Warren Mfg. Co., 233 B'way, New York

10677— Paper (Kraft)

Brown Co. ("Nibroc"), Portland, Me.
Central Paper Co., Muskegon, Mich.
Cherry River Paper Co., Scranton, Pa.
Claremont Paper Co., Claremont, N. H.
Continental Paper Bag Co., 17 Battery pl, New York
Falls Mfg. Co., Oconto Falls, Wis.
Fox Paper Co. (All Sulphate Swedish, White & Mitscherlich & Machine Glazed), Lockland, O.
Gardner L. H. Paper Co., Mumford, N. Y.
Hollingsworth & Whiting Co., 185 Devonshire, Boston, Mass.
Katahdin Pulp & Paper Co., Lincoln, Me.
Kimberly-Clark Co., Neenah, Wis.
McDowell Paper Mills, Main & Levering, Phila., Pa.
Menasha Paper Co., Ladysmith, Wis.
Moore & Thompson Paper Co., Bellows Falls, Vt.
Munroe Felt & Paper Co., 79 Summer, Boston, Mass.
Newton Falls Paper Co., Watertown, N. Y.
New York & Pennsylvania Co., 200 5th av, New York
Orono Pulp & Paper Co., Bangor, Me.
Paper Products Co., 2405 W Franklin, Baltimore, Md.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
Southern Paper Co. ("Kreole"), Moss Point, Miss.
Strange John Paper Co., Menasha, Wis.
UNION PAPER & TWINE CO. (A1 Leather), 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y. *See adv index at end of book*
Volney Paper Co., Fulton, N. Y.
Wausau Sulphate Fibre Co., Mosinee, Wis.
Yellow Pine Paper Mill Co., Orange, Tex

10678— Paper (Label)

Bardeen Paper Co., Otsego, Mich.
Bryant Paper Co., Kalamazoo, Mich.
Everett Pulp & Paper Co., Lowell, Wash.
Kimberly-Clark Co., Neenah, Wis.
King Paper Co., Kalamazoo, Mich.
Newton Paper Co., Holyoke, Mass.
New York & Pennsylvania Co., 200 5th av, New York
Oxford Paper Co., 200 5th av, New York
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
West Virginia Pulp & Paper Co., 200 5th av, New York

10679— Paper (Lace)

Am. Lace Paper Co., 419 3rd, Milwaukee, Wis.
Kimberly-Clark Co., Neenah, Wis.
Royal Lace Paper Works, 842 Lorimer, Brooklyn, N. Y.
U. S. Lace Paper Works, 472 W B'way, New York

10680— Paper (Linen)

Brown L. L. Paper Co., Adams, Mass.
Eastern Mfg. Co. (Linen Finish), Bangor, Me.
Eaton, Crane & Pike Co., Pittsfield, Mass.
Keith Paper Co., Turner Falls, Mass.
Oglesby W. B. Paper Co., Middletown, O.
Whiting Paper Co., Holyoke, Mass.

10681— Paper (Linen Ledger)

American Writing Paper Co., Holyoke, Mass.
Beckett Paper Co., Hamilton, O.
Brown L. L. Paper Co., Adams, Mass.
Carew Mfg. Co. ("Vulcan"), S Hadley Falls, Mass.
Crane Bros. ("Gold Medal," "Japanese Linen" & All Linen Writing, etc), Westfield, Mass.
Eastern Mfg. Co., Bangor, Me.
Gilbert Paper Co., Menasha, Wis.
Keith Paper Co., Turner Falls, Mass.
Oglesby W. B. Paper Co. ("White Rock"), Middletown, O.
Southworth Co., Mittineague, Mass.
Weston Byron Co. ("Weston"), Dalton, Mass.
Whiting Paper Co., Holyoke, Mass.
Whiting-Plover Paper Co., Stevens Point, Wis.

10682— Paper (Lining)

Bardeen Paper Co. (Rag), Otsego, Mich.
Dayton Folding Box Co., 2727 Spring Grove av, Cincinnati, O.
Fox Paper Co. (Rag), Lockland, O.
Granby Pulp & Paper Co., Fulton, New York
Hoboken Paper Mill Co.,, Hoboken, N J.
Kieffer Paper Co. (Rag), Ewing, Ind.
Kimberly-Clark Co., Neenah, Wis.
La Salle Paper Co.(Rag), South Bend, Ind.
Mason-Perkins Paper Co. (Box), Bristol, N. H.
Monroe Paper Co. (Rag), Monroe, Mich.
Pairpoint Corp. (Cased), New Bedford, Mass.
Schmidt & Ault Paper Co., York, Pa.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
Smeallie & Voorhees (Chip), Amsterdam, N. Y.
UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.

10683— Paper (Lithograph)

Am. Coating Mills, Elkhart, Ind.
Bardeen Paper Co., Otsego, Mich.
Bryant Paper Co., Kalamazoo, Mich.
Cantine Martin Co., Saugerties, N. Y.
Cleveland-Akron Bag Co. (Cloth Lined), Cleveland, O.
Curtis & Bro., Newark, Del.
Glatfelter P. H. Co., Spring Grove, Pa.
Kimberly-Clark Co., Neenah, Wis.
Merrimac Paper Co. (Coated), Lawrence, Mass.
Otsego Coated Paper Co., Otsego, Mich.
Riverview Coated Paper Co., Kalamazoo, Mich.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
Ticonderoga Pulp & Paper Co., 200 5th av, New York
Tileston & Hollingsworth Co., 49 Federal, Boston, Mass.

10684—Paper (Loose Leaf)

Brown L. L. Paper Co., Adams, Mass.
Weston Byron Co. ("Weston" Patented), Dalton, Mass.

10685— Paper (Macaroni)

Fox Paper Co., Lockland, O.
Kimberly-Clark Co., Neenah, Wis.
Schmidt & Ault Paper Co., York, Pa.
UNION PAPER & TWINE CO., 125 St. 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg., Buffalo, N. Y.
See adv index at end of book
Walsh Paper Co., Cuyahoga Falls, O.

10686— Paper (Manifold)

See also Paper, Railroad Manifolding; also Railroad Stationery, Blanks, Manifests, etc.
Dexter C. H. & Sons (Linen, etc), Windsor Locks, Conn.
Esleeck Mfg. Co. (White & Colored), Turner Falls, Mass.
Hartford City Paper Co., Hartford City, Ind.
Mann Wm. Co., Lambertville, N. J.
UNION PAPER & TWINE CO. ("Unico"), 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg., Buffalo, N. Y.
See adv index at end of book
Whittelsey F. H. Co., Windsor Locks, Conn.

10687— Paper (Manila)

Adams Bag Co., 1900 Euclid av, Cleveland, O.
Adams Paper Co., Wells River, Vt.
Aldrich Paper Co., Watertown, N. Y.
Analomink Paper Co., North Water Gap, Pa.
Bardeen Paper Co. (Railroad), Otsego, Mich.

Blake & Higgins, Bellows Falls, Vt.
Burmus Paper Co., West Dudley, Mass.
Case Mfg. Co., Unionville, Conn.
Central Paper Co., Muskegon, Mich.
Cherry River Paper Co., Land Title bldg, Phila., Pa.
Claremont Paper Co., Claremont, N. H.
Cleveland-Akron Bag Co., Cleveland, O.
Crono Pulp & Paper Co. (Sulphite-Manila), Bangor, Me.
Crown Willamette Paper Co., San Francisco, Cal.
Cushnoc Paper Co., Augusta, Me.
DeGrasse Paper Co., Pyrites, N. Y.
Dells Paper & Pulp Co., Eau Claire, Wis.
Eureka Paper Co., Fulton, N. Y.
Everett Pulp & Paper Co., Everett, Wash.
E-Z Opener Bag Co., Taylorville, Ill.
Falls Mfg. Co., Oconto Falls, Wis.
Fletcher Paper Co., Alpena, Mich.
Flint, Wyman & Sons Co., Bellows Falls, Vt.
Fox Paper Co., Lockland, O.
Gore H. M., Freeland, Md.
Gould Paper Co., Lyons Falls, N. Y.
Granby Pulp & Paper Co. (Light Weight), Fulton, N. Y.
Great Northern Paper Co., 30 E 42d, N. Y.
Harmon Paper Co., Brownville, N. Y.
Hartje Paper Mfg. Co., 113 Wood, Pittsburgh, Pa.
Hawley Pulp & Paper Co. (All Grades), Oregon City, Ore.
Hennepin Paper Co., Plymouth bldg, Minneapolis, Minn.
Henry Paper Co., Lincoln, N. H.
Hollingsworth & Vose Co. (Jute), 141 Milk, Boston, Mass.
Hollingworth & Whitney Co., 185 Devonshire, Boston, Mass.
Howland Pulp & Paper Corp., Howland, Me.
International Paper Co., 30 Broad, New York
Island Paper Co., Carthage, N. Y.
Kieffer Paper Co. (No. 2), Ewing, Ind.
Kimberly-Clark Co., Neenah, Wis.
Lake Champlain Pulp & Paper Co., Plattsburg, N. Y.
Lawless Paper Co., Rochester, N. Y.
Lebanon Paper Co., San Francisco, Cal.
LeFevre Edward Y., Fallsburg, N. Y.
Lincoln L. & Co., North Dighton, Mass.
Marathon Paper Mills Co., Rothschild, Wis.
Marinette & Menominee Paper Co., Marinette, Wis.
Moore John T. & Son. Bellows Falls, Vt.
Moore & Thompson Paper Co., Bellows Falls, Vt.
Moorehouse R. T. 2655 Bridge Bridesburg, Philadelphia, Pa.
Moyer & Pratt, Lyonsdale, N. Y.
Nekoosa-Edwards Paper Co., Port Edwards, Wis.
New Haven Pulp & Board Co., New Haven, Conn.
Newton Falls Paper Co. (Sulphite), Watertown, N. Y.
New York & Pennsylvania Co., 200 5th av, New York
Northwest Paper Co., Cloquet, Minn.
Odell Mfg. Co., Groveton, N. H.
Onondaga Paper Co., Marcellus Falls, N. Y.
Orono Pulp & Paper Co., Bangor, Me.
Paraffine Companies, Inc., California Paper & Board Mills Div.), San Francisco, Cal.
Pioneer Paper Co., Ballston Spa, N. Y.
Raquette River Paper Co. (Envelope & Printing), Potsdam, N. Y.
Reading Paper Mills, Reading, Pa.
Rogers J. & J. Co., Ausable Forks, N. Y.
Schmidt & Ault Paper Co., York, Pa.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
Taggarts Paper Co., Watertown, N. Y.
Ticonderoga Pulp & Paper Co. (White), 200 5th av, New York
UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
Wardlow-Thomas Paper Co., Middletown, Ohio
Warren Mfg. Co., 233 B'way, New York
Wausau Paper Mills Co., Brokaw, Wis.
Wolf River Paper & Fibre Co., Shawano, Wis.
Yellow Pine Paper Mill Co. (No. 1), Orange, Tex.

10688— Paper (Map)

Bardeen Paper Co., Otsego, Mich.
Bryant Paper Co., Kalamazoo, Mich.
Cleveland-Akron Bag Co., Cleveland, O.
Fox River Paper Co., Appleton, Wis.
Kalamazoo Paper Co., Kalamazoo, Mich.
Kimberly-Clark Co., Neenah, Wis.
King Paper Co., Kalamazoo, Mich.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
Watervliet Paper Co., Watervliet, Mich.

10689—Paper (Mimeograph)

American Writing Paper Co., Holyoke, Mass.
Bardeen Paper Co., Otsego, Mich.
Bare D. M. Paper Co., Roaring Springs, Pa.
Eaton Crane & Pike Co., Pittsfield, Mass.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
UNION PAPER & TWINE CO., 25 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book

10690— Paper (Music)

Bardeen Paper Co., Otsego, Mich.
Kimberly-Clark Paper Co., Neenah, Wis.
Merrimac Paper Co., Lawrence, Mass.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
Ticonderoga Pulp & Paper Co., 200 5th av, New York

10691— Paper Napkins

American Novelty Paper Co., Saugerties, N. Y.
Bainbridge's Chas T. Sons, 2 Cumberland, Brooklyn, N. Y.
Burnitol Mfg. Co., Orient av, Boston, Mass.
Continental Paper Bag Co., 17 Battery pl, New York
Dennison Mfg. Co., 26 Franklin, Boston. Mass.
Erving Paper Mills, Erving, Mass.
Hoberg John Co., Green Bay, Wis.
Northern Paper Mills, Green Bay, Wis.
Paper Mills Specialty Co. (Crepe), 162 W Kinzie, Chicago, Ill.
Paper Novelty Co., Green Bay, Wis.
Pick Albert & Co., 212 W Randolph, Chicago, Ill.
Progressive Paper Products Co., 238 4th av, Pittsburgh, Pa.
Royal Lace Paper Works, 842 Lorimer, Brooklyn, N. Y.
Stone & Forsyth Co., 67 Kingston, Boston, Mass.
Tuttle Press Co. ("Paris" Crepe), Appleton, Wis.

10692—Paper (Negative & Black Line)

Pease C. F. Co., 220 W Institute pl, Chicago, Ill.

10693— Paper (News)

Aldrich Paper Co., Watertown, N. Y.
Auglaize Box Board Co., St. Marys, O.
Barnes Paper Milils, Rochester, Mich.
Bedford Pulp & Paper Co., Richmond, Va.
Centralia Pulp & Paper Co., Centralia, Wis.
Champion Paper Co., Carthage, N. Y.
Cheboygan Paper Co., Cheboygan, Mich.
Cleveland Paper Mfg. Co., Cleveland, O.
Cliff Paper Co., Niagara Falls, N. Y.
Combined Locks Paper Co., Appleton, Wis.
Consolidated Water Power & Paper Co., Grand Rapids, Wis.
Crown Willamette Paper Co., San Francisco, Cal.
Dells Paper & Pulp Co., Eau Claire, Wis.
Diana Paper Co., Watertown, N. Y.
Finch, Pruyn & Co. (Inc.), Glens Falls, N. Y.
Flambeau Paper Co., Park Falls, Wis.
Gilbert Frank Paper Co., Waterford, N. Y.
Gould Paper Co., Lyon Falls, N. Y.
Granby Pulp & Paper Co., Fulton, N. Y.
Grandfather Falls Co., Merrill, Wis.
Great Northern Paper Co., 30 E 42d, N. Y.
Harmon Paper Co., Brownville, N. Y.
Hartje Paper Mfg. Co., 113 Wood, Pittsburgh, Pa.
Hawley Puly & Paper Co., Oregon City, Ore.
Hennepin Paper Co., Plymouth bldg, Minneapolis, Minn.
High Falls Pulp & Paper Co., Chateaugay, N. Y.
International Paper Co., 30 Broad, New York
Itasca Paper Co., Grand Rapids, Minn.
Kimberly-Clark Co., Neenah, Wis.
Lake Champlain Pulp & Paper Co., Plattsburg, N. Y.
Malone Paper Co., Malone, N. Y.
Mason-Perkins Paper Co., Bristol, N. H.
Menasha Paper Co., Ladysmith, Wis.
Minnesota & Ontario Power Co., Andrus bldg., Minneapolis, Minn.
New Haven Pulp & Board Co., New Haven, Conn.
Northwest Paper Co., Cloquet, Minn.
Ohio Box Board Co., 1390 E 30th, Cleveland, O.
Oswego Falls Pulp & Paper Co., Fulton, N. Y.
Outagamie Paper Co., Kaukauna, Wis.
Patten Paper Co. (Ltd.), Appleton, Wis.
Pejepscot Paper Co., 111 B'way, New York.
Pettebone-Cataract Paper Co., Niagara Falls, N. Y.
Remington Paper & Power Co., Watertown, N. Y.
Rhinelander Paper Co., Rhinelander, Wis.
St. Croix Paper Co., 244 Washington, Boston, Mass.
St. George Pulp & Paper Co., Hudson Falls, N. Y.
St. Regis Paper Co., Watertown, N. Y.
Schroon River Pulp & Paper Co., Warrensburg, N. Y.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
Taggait's Paper Co., Watertown, N. Y.
Watab Pulp & Paper Co., Sartell, Minn.
West End Paper Co., Carthage, N. Y.
Wisconsin River Paper & Pulp Co., Neenah, Wis.

Paper (Oiled)

See Paper (Insulating)

10694—Paper (Onion Skin)

Bryant Paper Co., Kalamazoo, Mich.
Dexter C. H. & Sons ("Star"), Windsor Locks, Conn.
Esleeck Mfg. Co., Turners Falls, Mass.
Hartford City Paper Co., Hartford City, Ind.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
UNION PAPER & TWINE CO., 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book

10695—Paper (Packing, Corrugated)

Agar Mfg. Co., 167 41st, Bklyn, N. Y.
Gair Robt. Co., 50 Washington, Bklyn, N. Y.
Lawrence Paper Mfg. Co. ("Jayhawk"), Lawrence, Kans.
Nivison-Weiskopf Co., 318 Elm, Cincinnati, Ohio
Schmidt & Ault Paper Co., York, Pa.
Sefton Mfg. Corp., 1301 W 35th, Chicago, Ill.
Thompson & Norris Co., The, Concord & Prince, Brooklyn, N. Y.
UNION PAPER & TWINE CO., 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N Y
See adv index at end of book

10696— Paper (Papeterie)

American Papeterie Co., Albany, N. Y.
Eastern Mfg. Co., Bangor, Me.
Murphy John A. Co., Springfield, Mass.
Powers Paper Co., Springfield, Mass.
Ward Marcus, Inc, Pearson & Creek, Long Island City, N Y

10697— Paper (Parchment)

Bergstrom Paper Co., Neenah, Wis.
Brown L. L. Paper Co., Adams, Mass.
Crocker-McElwain Co., Holyoke, Mass.
East Hartford Mfg. Co., Burnside, Conn.
Glen Mills Paper Co. (Vegetable), Stephen Girard bldg, Phila., Pa.
Hammerschlag Mfg. Co. (Imitation), 232 Greenwich, New York
Hartford City Paper Co. (Imitation), Hartford City, Ind.

PAPER (PARCHMENT)—continued

Kalamazoo Vegetable Parchment Co. (Vegetable), Kalamazoo, Mich.
Paterson Parchment Paper Co. (Vegetable), Passaic, N. J.
Raquette River Paper Co., Potsdam, N. Y.
Taylor-Logan Co., Holyoke, Mass.
UNION PAPER & TWINE CO., 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N Y
See adv index at end of book
Warren Parchment Co., Dexter, N. Y.
West Carrollton Parchment Co. (Vegetable), West Carrollton, O. (See Dayton)

10698— Paper (Pattern)

Case Mfg. Co., Unionville, Conn.
Diamond Mills Paper Co., 44 Murray, New York
Gardner L. H. Paper Co., Mumford, N. Y.
Greene Paper Co., 5014 Market, Phila., Pa.
Hampton Paper Co., Northampton, Mass.
HEWITT C. B. & BROS. (Jobbers), 49 Beekman, New York
See adv index at end of book
Hollingsworth & Vose Co., 141 Milk, Boston, Mass.
Kimberly-Clark Co., Neenah, Wis.
Lincoln L. & Co., North Dighton, Mass.
Menasha Paper Co., Ladysmith, Wis.
Michigan Paper Co., Plainwell, Mich.
Niagara Paper Mills, Lockport, N. Y.
Schmidt & Ault Paper Co., York, Pa.
UNION PAPER & TWINE CO., 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N Y
See adv index at end of book
Walsh Paper Co., Cuyahoga Falls, O.
West Jersey Paper Mfg. Co., Camden, N. J.

10699—Paper (Photographic)

American Photographic Paper Co., 2304 Washington, Boston, Mass.
Ansco Co. ("Cyko"), Binghamton, N. Y.
Cramer G. Dry Plate Co. ("Alpha"), Shenandoah & Lemp avs, St. Louis, Mo.
Defender Photo Supply Co. ("Argo"), Rochester, N. Y.
Eastman-Kodak Co., Rochester, N. Y.
Haloid Co., Rochester, N. Y.
Hampton Paper Co., Northampton, Mass
Lewis J. L. ("Seltona"), 522 6th av, N. Y
Machine Mfg. & Engineering Co., Council Bluffs, Ia.
Photo Products Co. ("Instanto"), 6100 S La Salle, Chicago, Ill.
Straight Dry Plate Co., Jamestown, N. Y.
Valley Paper Co., Holyoke, Mass.

10700—Paper (Playing Card)

Kimberly-Clark Co., Neenah, Wis.
Oglesby W. B. Paper Co., Middletown, O.

10701—Paper (Railroad Copying)

Dexter C. H. & Sons ("Star" White & Manila), Windsor Locks, Conn.
Greene Paper Co. (Yellow Tissue), 5014 Market, Phila., Pa.
Kimberly-Clark Co., Neenah, Wis.
Mann Wm. Co. ("American Railroad," "Answell," "Old Reliable Parchment Paper," "Shen-King"), 529 Market, Philadelphia, Pa.
Rainbow Paper Mills, Rainbow, Conn.
Whittelsey F. H. Co. (Yellow), Windsor Locks, Conn.

10702—Paper (Railroad Manifolding)

Hartford City Paper Co., Hartford City, Ind.
Reyburn Mfg. Co., 23d & Allegheny av, Philadelphia, Pa.
Whittelsey F. H. Co., Windsor Locks, Conn.

10703—Paper (Railroad Manila & Writing)

See also Paper, Writing

Bardeen Paper Co., Otsego, Mich.
Brownville Paper Co., Brownville, N. Y.
Everett Pulp & Paper Co., Everett, Wash.
Hollingsworth & Whitney Co., 185 Devonshire, Boston, Mass.
Kimberly-Clark Co., Neenah, Wis.
Moore & Thompson Paper Co., Bellows Falls, Vt.
New York & Penna. Co., 200 5th av, New York
Riverton Co., Riverton, Conn.
Robertson Paper Co., Bellows Falls, Vt.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
UNION PAPER & TWINE CO., 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
West Va. Pulp & Paper Co. (Writing), 200 5th av, New York

10704— Paper (Ribbon)

Bancroft Paper Co., Bancroft, Mass.

10705—Paper (Roofing, Saturated)

See also Paper, Roofing, Sheathing & Building

Asphalt Ready Roofing Co., 9 Church, New York
Asphalt Roofing Co., Saginaw, Mich.
Barber Asphalt Paving Co. ("Genasco"), Land Title bldg, Phila, Pa.
Barrett Co., 17 Battery pl, New York
Bird & Son, ("Neponset Paroid") East Walpole, Mass.
Chatfield & Woods Co., 3d & Plum, Cincinnati, O.
Denver Gas & Electric Light Co., Denver, Colo.
Flinkote Co. ("Rex"), 88 Pearl, Boston, Mass.
Ford Mfg. Co., 2339 La Salle, Chicago, Ill.
General Roofing Mfg. Co., 17th & Southern Ry, East St. Louis, Ill.
Johns H. W.-Manville Co., Madison av & 41st, New York
Kimberly-Clark Co., Neenah, Wis.
Lehon Co., W 45th & S Western av, Chicago, Ill.
National Roofing Co., Tonawanda, N. Y.
New England Felt Roofing Works, 101 Milk, Boston, Mass.
Pacific Refining & Roofing Co., 16th & Texas, San Francisco, Cal.
Paraffine Companies, Inc., San Francisco, Cal.
Paraffine Paint Co., San Francisco, Cal.
Standard Paint Co., 233 B'way, New York
Stowell Mfg. Co., 240 Culver av, Jersey City, N. J.
UNION PAPER & TWINE CO., 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
Western Roofing & Supply Co., 3611 Loomis, Chicago, Ill.
White A. H. Co., Ltd. ("Shellene"), Howard, Venus, Miro & Tonti, New Orleans, La.

10706—Paper (Roofing, Sheathing & Building)

See also Paper, Roofing Saturators

Learn what firms in this list manufacture, read printed matter following their names
Andrews Jno. T. & Co. (Sheathing), Penn Yan, N. Y.
Asphalt Ready Roofing Co., 9 Church, New York
Barber Asphalt Paving Co. ("Genasco" Insulite), Land Title bldg, Philadelphia, Pa.
Barnitz Geo. A., York, Pa.
Barrett Co. (Roofing Felt), 17 Battery pl, New York.
Beloit Box Board Co. (Roofing & Building), Beloit, Wis.
Bicking S. Austin (Rosin-Sized Sheathing), East Downingtown, Pa.
Bird & Son ("Neponset"), (Roofing, also Sheathing & Building), East Walpole, Mass.
Brown Co. ("Bermico"), Portland, Me.
Cabot Samuel (Inc.) ("Cabot's" Sheathing & Deadening Quilt), 141 Milk, Boston, Mass.
Cartier M. N. & Sons Co. ("Roger Williams"), 289 Canal, Providence, R. I.
Certain-teed Products Corp. (Building, Ready Roofing, Saturating & Deadening Felts, Red & Gray Rosin, Sized), St. Louis, Mo.
Chapman & Soden, 150 Oliver, Boston, Mass.
Chatfield Mfg. Co., Carthage, Cincinnati, O.
Chatfield Paper Co. (Roofing & Building), New Haven, Conn.
Chatfield & Woods Co. (Building), 3d & Plum, Cincinnati, O.
Crown Willamette Paper Co. (Sheathing), San Francisco, Cal.
Diem & Wing Paper Co. (Roofing & Sheathing), Gilbert av, Cincinnati, O.
Duston M. W. Co. (Red Paper), 150 Niagara, Providence, R. I.
Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa. Works: Valley Forge, Pa.
Federal Asbestos Co., Milwaukee, Wis.
Field & White Co. ("Roofing & Building), 116 Nassau, New York
Fleming Jno. G. & Son (Roofing & Sheathing), Dallas, Tex.
Flintkote Co. ("Rex" Black), 88 Pearl, Boston, Mass.
Ford Mfg. Co., 2339 La Salle, Chicago, Ill.
Foster Box Board Co. (Roofing), Utica, N. Y.
Fox Paper Co. (Building & Sheathing), Lockland, O.
Graham Paper Co. (Building, Water Proof, Asbestos, etc., Jobbers, St. Louis, Mo.
Hartje Paper Mfg. Co. (Rosin-Sized Sheathing & Building), 113 Wood, Pittsburgh, Pa.
HEWITT C. B. & BROS. ("Oronoko" Jobbers), 49 Beekman, New York
See adv index at end of book
Hollingsworth & Vose Co. (Red Rope Roofing), 141 Milk, Boston, Mass.
Hollywell Mills (Dry Roofing, also Building), Chambersburg, Pa.
Hydrex Felt & Engineering Co. (Waterproof Paper & Felt), 120 Liberty, New York
Johns H. W.-Manville Co. (Rosin Sized), Madison av & 41st, New York
Kingston Paper Co., Inc. (Saturating & Deadening Felts, Roofing & Building), Little Falls, N. Y.
Lafian Paper Co. (Sheathing), York, Pa.
Lang Jno. Paper Co. (Roofing & Saturating & Deadening Felts), 24th & Vine, Phila., Pa.
Lewis F. J. Mfg. Co., 2513 S Robey, Chicago, Ill.
Lincoln L. & Co. (Sheathing), North Dighton, Mass.
Lockport Paper Co. (Roofing Felt, also Sheathing & Deadening), Lockport, N. Y.
Los Angeles Paper Mfg. Co. (Sheathing & Saturating & Deadening Felts), Los Angeles, Cal.
Mac-Sim-Bar Paper Co. (Saturating Roofing & Building), Otsego, Mich.
Mitchell & Son Co. (Sheathing), Palmyra, Mich.
Mullen Bros. Paper Co. (Building & Sheathing), St. Joseph, Mich.
Munroe Falls Paper Co. (Building Roofing & Deadening Felts), Massillon, O.
Munroe Felt & Paper Co. (Roofing), 79 Summer, Boston, Mass.
Nelson B. F. Mfg. Co. (Roofing, also Building), Minneapolis, Minn.
Newton Paper Co. ("Elephant Brand" Red Rosin Sized Sheathing), Holyoke, Mass.
Paraffine Companies, Inc., California Paper & Board Mills Div. (Sheating), San Francisco, Cal.
Paraffine Paint Co. (Sheathing & Saturating & Deadening Felts), San Francisco, Cal.
Peters Paper Co. (Roofing & Sheathing), Latrobe, Pa.
Richardson Paper Co. (Roofing), Wyoming & Cooper avs, Lockland, O.
Roberts Jno. & Son Co. (Asbestos, Sheathing, etc), Waltham, Mass.
Schmidt & Ault Paper Co. ("Codorus" Sheathing), York, Pa.
Union Mills Paper Mfg. Co. (Building), New Hope, Pa.
UNION PAPER & TWINE CO., 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
United Roofing & Mfg. Co., Morris bldg, Phila., Pa.
Wall J. F. & Son (Sheathing, Roofing & Waterproof Building), Walpole, Mass.
Watson H. F. Co., Erie, Pa.
York Haven Paper Co. (Roofing & Waterproof Building; also Prepared Roofing Paper), Land Title bldg, Phila., Pa.
Young, J. W., Bentlys Springs, Md.

10707— Paper (Rope)

Adams Bag Co., 1900 Euclid av, Cleveland, O.
American Writing Paper Co., Holyoke, Mass.
Bicking Paper Co., 111 N 2nd, Philadelphia, Pa.
Case Mfg. Co., Unionville, Conn.
Case & Marshall, Hartford, Conn.
Cleveland-Akron Bag Co., Cleveland, O.
Detroit Sulphite Pulp & Paper Co., Detroit, Mich.
Eureka Paper Co., 265 W B'way, New York
Fort Wayne Corrugated Paper Co., Hartford City, Ind.
George & Sherrard Paper Co., Wellsburg, W. Va.
Globe Paper Box Co. (Also Fibre & Kraft Papers), 105 S Jefferson, Chicago, Ill.
Harvey Paper Co., Wellsburg, W. Va.
HEWITT C. B. & BROS. (Jobbers) 49 Beekman, New York
See adv index at end of book
Hollingsworth & Vose Co., 141 Milk, Boston, Mass.
Jaite Co., Boston, O.
Manning John A. Paper Co., Troy, N. Y.
Marseilles Wrapping Paper Co., Marseilles, Ill.
Newton Paper Co., Holyoke, Mass.
Phillips Thos. Co. (Pure Rope Papers & Colored Rope Specialties), Akron, O.
Reading Paper Mills, Reading, Pa.
Sorg Paul A. Paper Co., Middletown, O.
Taggart Bros. Co., Watertown, N. Y.
Tarentum Paper Mills, 2nd National Bank bldg, Pittsburgh, Pa.
Union Mills Paper Mfg. Co. (Pure Rope Papers & Colored Rope Specialties), New Hope, Pa.
Wardlow-Thomas Paper Co., Middletown, O.
Warren Mfg. Co., 233 B'way, New York
West Jersey Paper Mfg. Co., Camden, N. J.

10708— Paper (Sack)

Cleveland-Akron Bag Co., Cleveland, O.
Hollingsworth & Vose Co., 141 Milk, Boston, Mass.
Newton Falls Paper Co., Watertown, N. Y.
Orono Pulp & Paper Co., Bangor, Me.

Paper (Sand)

See Paper, Flint, Sand & Emery

10709— Paper (Screening)

Fox Paper Co., Lockland, O.
Hoboken Paper Mill Co., Hoboken, N. J.
Marcellus Paper Co., Marcellus Falls, N.Y.
Onondaga Paper Co., Marcellus Falls, N.Y.
Parsons Pulp & Lumber Co., Finance bldg, Philadelphia, Pa.
Schmidt & Ault Paper Co., York, Pa.

10710—Paper (Silver Tissue)

Dexter C. H. & Sons ("Star" Grass Bleached), Windsor Locks, Conn.
Whittelsey F. H. Co. (Grass Bleached), Windsor Locks, Conn.

10711—Paper (Soap Wrapping)

Hartford City Paper Co., Hartford City, Ind.
Tuttle Press Co., Appleton, Wis.
Whitaker Paper Co., Eggleston av, 6th & Lock, Cincinnati, O.

10712— Paper (Starch)

Walsh Paper Co., Cuyahoga Falls, O.

10713— Paper (Stencil)

Bradley A. J. Mfg. Co., 101 Beekman, New York
HEWITT C. B. & BROS. (Jobbers) 49 Beekman, New York
See adv index at end of book
Ideal Stencil Machine Co., Belleville, Ill.
UNION PAPER & TWINE CO., 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book

10714—Paper (Stereotyping)

American Matrix Paper Mills ("Ne Plus Ultra"), Richmond, Va.
Parker Jos. & Son Co., New Haven, Conn.

10715— Paper (Straw)

Coshocton Straw Paper Co. (For Corrugating Purposes, Coshocton, O.
Hagar Straw Board & Paper Co., Xenia, O.
Heffernan Jas. P. Paper Co., 25 Water, New York

10716—Paper (Surface Coated)

Bryant Paper Co., Kalamazoo, Mich.
Champion Coated Paper Co., Hamilton, O.
Cleveland-Akron Bag Co., Cleveland, O.
Franklin Coated Paper Co., Franklin, O.
Hampden Glazed Paper & Card Co., Holyoke, Mass.
Merrimac Paper Co., Lawrence, Mass.
National Coated Paper Corp., Pawtucket, R. I.
Otsego Coated Paper Co., Otsego, Mich.
Riverview Coated Paper Co., Kalamazoo, Mich.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
UNION PAPER & TWINE CO., 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
Walther & Co., 72 Duane, New York
Watervliet Paper Co., Watervliet, Mich.
West Va. Pulp & Paper Co., 200 5th av, New York

10717— Paper (Tag)

Cherry River Paper Co. (Manila), Land Title bld, Phila., Pa.
Detroit Sulphite Pulp & Paper Co., Detroit, Mich.
Hollingsworth & Vose Co., 141 Milk, Boston, Mass.
Marathon Paper Mills Co., Rothschild, Wis.
Monroe Bridge Paper Co. (Manila Tag Board), Monroe Bridge, Mass.
National Coated Paper Corp., **Pawtucket,** R. I.
Paraffine Companies, Inc., California Paper & Board Mills Div., San Francisco, Cal.

10718— Paper (Ticket)

Monroe Bridge Paper Co. (Roll), Monroe Bridge, Mass.

10719— Paper (Tissue)

Adams Paper Co. (Manila & Anti-Tarnish), Wells River, Vt.
Ancram Paper Miills, 150 W 22d, New York
Angel H. Reeve & Co., Inc. (Japanese), 7 Spruce, New York.
Ashuelot Paper Co., Hinsdale, N. H.
Bainbridge's Chas. T. Sons, 2 Cumberland, Brooklyn, N. Y.
Blossvale Paper Co., Blossvale, N. Y.
Carthage Tissue Paper Mills (Packages & Rolls), Carthage, N. Y.
Cole W. A. Paper Co. (Manila), Putney, Vt.
Consumers' Box Board & Paper Co. (Rolls Only), Lititz, Pa.
Continental Paper Bag Co. (Manila, White & Colored Crash), 17 Battery pl, New York
Crown Willamette Paper Co., San Francisco, Cal.
Crystal Paper Co., Middletown, O.
Detroit Sulphite Pulp & Paper Co., Detroit, Mich.
Dexter C. H. & Sons ("Star," White & Colored), Windsor Locks, Conn.
Diamond Mills Paper Co., 44 Murray, New York
Erving Paper Mills (Specialties), Erving, Mass.
Fisk Paper Co. (White & Manila), Hinsdale, N. H.
Flambeau Paper Co., Park Falls, Wis.
Flower City Tissue Mills Co., Rochester, N.Y.
Gardner L. H. Paper Co. (Manila), Mumford, N. Y.
Garrett Edwin, Chester, Pa.
Greene Paper Co. (Pure Jute Manila), 5014 Market, Phila., Pa.
Hoberg John Co., Green Bay, Wis.
Hoffman R. S., Baldwinsville, N. Y.
Ingersoll Paper Co., Troy, N. Y.
Japanese Tissue Mills, Holyoke, Mass.
Kimberly-Clark Co., Neenah, Wis.
Lake Champlain Pulp & Paper Co., Plattsburg, N. Y.
Lawless Paper Co., Rochester, N. Y.
Le Fevre Edward Y., Fallsburgh, N. Y.
Little Falls Paper Co., Newburgh, N. Y.
McIntyre Bros. Paper Co., Inc., Fayetteville, N. Y.
North End Paper Co., Fulton, N. Y.
Onondaga Paper Co., Marcellus Falls, N.Y.
Phoenix Toilet & Paper Mfg. Co., Phoenix, N. Y.
Pioneer Paper Co., Ballston Spa, N. Y.
Rainbow Paper Mills, Rainbow, Conn.
Robertson Bros. (Manila, White & Colored, in Rolls), Hinsdale, N. H.
Robertson E. C. & Son (Manila, White & Colored, in Rolls & Large Sheets), Hinsdale, N. H.
Robertson G. A. & Co. (Manila), Hinsdale, N. H.
Robertson Orrin C. Co. (Manila & White), **Hinsdale, N. H.**
Robertson Paper Co., Bellows Falls, Vt
Robertson's Wm. Sons (White & Colored), Putney, Vt.
Savage Mfg. Co., Skowhegan, Me.
Smith Paper Co. (Also Roll), Lee, Mass.
Sorg Paul A. Paper Co., Middletown, O.
Sweet Bros. Paper Mfg. Co., Phoenix, N. Y.
Thilmany Pulp & Paper Co., Wisconsin Tissue Div, Appleton, Wis.
UNION PAPER & TWINE CO., 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
Union Waxed & Parchment Paper Co., 45 Cedar, New York
Victoria Mills Paper Co. (Also Roll), Fulton, N. Y.
White Springs Paper Co., Nutley, N. J.
Whittelsey F. H. Co. (White & Grass Bleached), Windsor Locks, Conn.

10720—Paper (Tissue, Manila)

Adams A. L. Paper Co. (In Rolls for Toilet Paper, Baldwinsville, Mass.
Adams Paper Co., Wells River, Vt.
Ancran Paper Mills, 150 W 22d, New York
Blossvale Paper Co., Blossvale, N. Y.
Carthage Tissue Paper Mills, Carthage, N. Y.
Cole W. A. Paper Co., Putney, Vt.
Continental Paper Bag Co., 17 Battery pl, New York
Coy Paper Co., West Claremont, N. H.
Crescent Paper & Machine Co., Phoenix, N. Y.
Crystal Paper Co., Middletown, O.
Fisk Paper Co. (Inc.), Hinsdale, N. H.
Gandey W. H. (Est. of), Lambertville, N. J.
Gardner L. H. Paper Co., Mumford, N. Y.
Garrett E., Chester, Pa.
Garrett E. T. Co., Lansdowne, Pa.
Hoberg John Co., Green Bay, Wis.
Hoffman R. S., Baldwinsville, N. Y.
Ingersoll Paper Co., Troy, N. Y.
Jarvis Paper Mills, West Claremont, N. H.
Lawless Paper Co., Rochester, N. Y.
Little Falls Paper Co., Newburgh, N. Y.
Mason-Perkins Paper Co., Bristol, N. H.
Moyer & Pratt, Lyons Falls, N. Y.
North End Paper Co., Fulton, N. Y.
Northern Paper Mills, Green Bay, Wis.
Onondaga Paper Co., Marcellus Falls, N. Y.
Oswego River Paper Mills, Phoenix, N. Y.
Pequannock Valley Paper Co., Butler, N. J.
Robertson Bros., Hinsdale, N. H.
Robertson E. C. & Son, Hinsdale, N. H.
Robertson G. A. & Co., Hinsdale, N. H.
Robertson Orrin C. Co., Hinsdale, N. H.
Robertson Paper Co., Bellows Falls, Vt.
Stevens & Thompson, North Hoosick, N. Y.
Sweet Bros. Paper Mfg. Co., Phoenix, N. Y.
Victoria Paper Mills Co., Fulton, N. Y.
Whittelsey F. H. Co., Windsor Locks, Conn.

10721—Paper (Tissue, Oiled)

Whittelsey F. H. Co., Windsor Locks, Conn.

10722—Paper (Tissue, White & Colored)

Ancran Paper Mills, 150 W 22d, New York
Ashland Paper Co. (Colors), Ashland, Wis.
Ashuelot Paper Co. (White), Hinsdale, N. H.
Bainbridge's Chas. T. Sons, 2 Cumberland, Brooklyn, N. Y.
Blossvale Paper Co., Blossvale, N. Y.
Carthage Tissue Paper Mills, Carthage, N. Y.
Continental Paper Bag Co., 17 Battery pl, New York

PAPER (TISSUE, WHITE & COLORED)—continued

Crystal Paper Co., Middletown, O.
Dexter C. H. & Sons, Windsor Locks, Conn.
Fisk Paper Co. (Inc.), (White), Hinsdale, N. H.
Flower City Tissue Mills Co. (Light Weight), Rochester, N. Y.
Hoberg John Co., Green Bay, Wis.
Hoffman R. S., (Nos. 1 & 2 White), Baldwinsville, N. Y.
Kimberly-Clark Co., Neenah, Wis.
Little Falls Paper Co., Newburgh, N. Y.
Moyer & Pratt (White), Lyons Falls, N. Y.
North End Paper Co. (Nos. 1 & 2 White), Fulton, N. Y.
Onondaga Paper Co. (White), Marcellus Falls, N. Y.
Pioneer Paper Co., Ballston Spa, N. Y.
Riverton Co., Riverton, Conn.
Robertson Bros. (Roll), Hinsdale, N. H.
Robertson E. C. & Son, Hinsdale, N. H.
Robertson's Wm. Sons, Putney, Vt.
Smith Paper Co., Lee, Mass.
Sweet Bros. Paper Mfg. Co., Phoenix, N. Y.
Three Rivers Paper Co. (No. 2 White), Phoenix, N. Y.
Tuttle Press Co., Appleton, Wis.
Victoria Paper Mills Co. (White, Sheets & Rolls), Fulton, N. Y.

10723— Paper (Tobacco)

Kimberly-Clark Co., Neenah, Wis.
Walsh Paper Co., Cuyahoga Falls, O.

10724— Paper (Toilet)

A. P. W. Paper Co. (Roll & Package), Albany, N. Y.
Adams A. L. Paper Co., Baldwinsville, Mass.
Adams Paper Co., Wells River, Vt.
Carthage Tissue Paper Mills (Tissue), Carthage, N. Y.
Cole W. A. Paper Co. ("Eagle Mills"), Putney, Vt.
Continental Paper Bag Co., 17 Battery pl, New York
Crescent Paper & Machine Co., Phoenix, N. Y.
Crunden-Martin Mfg. Co. (Roll & Package), 2d & Gratiot, St. Louis, Mo.
Ewing H. Norwood Co. (Roll), Woolworth bldg, New York.
Fisk Paper Co. (Package), Hinsdale, N. H.
Gardner L. H. Paper Co., Mumford, N. Y.
Handifold Toilet Paper Co., Leominster, Mass.
Hoberg Jno. Co. (Roll & Package Tissue), Green Bay, Wis.
Hoffman R. S. Baldwinsville, N. Y.
Ingersoll Paper Co., Troy, N. Y.
Jerome Paper Co., 314 W 53d, New York
Johnson Geo. T. Co., 76 Batterymarch, Boston, Mass.
Kimberly-Clark Co., Neenah, Wis.
Morgan Envelope Co., Springfield, Mass.
Northern Paper Mills (Tissue, Automatic Toilet Service, "Northern," Roll & Oval), Green Bay, Wis.
Oswego River Paper Mills (Package & Roll), Phoenix, N. Y.
Paper Novelty Co., Green Bay, Wis.
Paper Service Co., Hinsdale, N. H.
Peerless Mfg. Co., Norristown, Pa.
Phoenix Toilet & Paper Mfg. Co. (Tissue), Phoenix, N. Y.
Progressive Paper Products Co., 238 4th av, Pittsburgh, Pa.
Robertson G. A. & Co. (Rolls & Sheets), Hinsdale, N. H.
Sauquoit Toilet Paper Co., New Hartford, N. Y.
Scott Paper Co., 7th & Glenwood av, Phila., Pa.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
Three Rivers Paper Co., Phoenix, N. Y.
Tuttle Press Co., Appleton, Wis.
UNION PAPER & TWINE CO., ("Miusa"), 125 St. Clair av N W, Cleveland, O, & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
United States Paper Mills, Chambersburg, Pa.
Victoria Paper Mills Co. (In Rolls & Packages), Fulton, N. Y.
Wortendyke Mfg. Co., Richmond, Va.

Paper (Tracing)

See Tracing Cloth & Paper

10725— Paper (Train Order)

Whittelsey F. H. Co., Windsor Locks, Conn.

10726—Paper (Transfer Graining)

Majert Emil Co. ("Kalligraine"), 9 E 37th, New York

10727— Paper (Translucent)

Otsego Coated Paper Co., Otsego, Mich.
Riverview Coated Paper Co., Kalamazoo, Mich.

10728— Paper (Typewriter)

See also Paper, Writing, Manufacturers

American Writing Paper Co., Holyoke, Mass.
Carew Mfg. Co., South Hadley Falls, Mass.
Dexter C. H. & Sons (Thin), Windsor Locks, Conn.
Diamond Mills Paper Co., 44 Murray, New York
Eaton, Crane & Pike Co. ("Crane," "Berkshire"), Pittsfield, Mass.
Esleeck Mfg. Co., Turners Falls, Mass.
Fox River Paper Co., Appleton, Wis.
Gardner L. H. Paper Co., Mumford, N. Y.
Hampshire Paper Co. ("Old Hampshire Bond"), So. Hadley Falls, Mass.
Kimberly-Clark Co., Neenah, Wis.
Smith Paper Co., Lee, Mass.
Strathmore Paper Co., Mittineague, Mass.
UNION PAPER & TWINE CO., 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
Whittelsey F. H. Co., Windsor Locks, Conn.

10729—Paper (Water Proof)

Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
Case & Marshall, Hartford, Conn.
Certain-teed Products Corp., St. Louis, Mo.
Cleveland Waterproof Paper Co., Cleveland, O.
Federal Asbestos Co., Milwaukee, Wis.
Flinkote Co. ("Rex" Black), 88 Pearl, **Boston, Mass.**
Hollingsworth & Whitney Co. ("Dux de Lux), 185 Devonshire, Boston, Mass.
Kimberly-Clark Co., Neenah, Wis.
National Waterproofing Co., Drexel bldg, Phila., Pa.
Nekoosa-Edwards Paper Co., Port Edwards, Wis.
UNION PAPER & TWINE CO. (Cloth Lined), 125 St. Clair av N W, Cleveland, O. & 538 Brisbane bldg, Buffalo, N. Y. *See adv index at end of book*
Watson H. F. Co., Erie, Pa.

10730—Paper (Waxed or Paraffine)

Bennington Wax Paper Co., Bennington, Vt.
Hammerschlag Mfg. Co., 232 Greenwich, New York
Hollingsworth & Whitney Co., 185 Devonshire, Boston, Mass.
Kalamazoo Vegetable Parchment Co., Kalamazoo, Mich.
National Waterproofing Co., Drexel bldg, Phila., Pa.
National Wax & Paper Mfg. Co., 203 37th, Brooklyn, N. Y.
Newark Paraffine & Parchment Paper Co., 90 West, New York
Ohio Wax Paper & Printing Co., Columbus, O.
Robertson Paper Co., Bellows Falls, Vt.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
Sterling Waxed Paper Mfg. Co., 245 South, Newark, N. J.
UNION PAPER & TWINE CO. (Wax), 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
Union Waxed & Parchment Paper Co., Hamburg, N. J.
Waterproof Paper & Board Co., 427 E 6th, Cincinnati, O.
Wolverine Paper Co., Otsego, Mich.

10731—Paper Weights (Glass)

Canton Glass Co., Marion, Ind.
Cruver Mfg. Co., Chicago, Ill.
Smith L. E. Glass Co., Mt. Pleasant, Pa.
Sneath Glass Co., Hartford City, Ind.

10731a—Paper (Whatman Drawing & Filter)

ANGEL H. REEVE & CO., INC., 7 Spruce, New York.

10732—Paper (White Print)

Chatfield & Woods Co., 3d & Plum, Cincinnati, O.
Kimberly-Clark Co., Neenah, Wis.
Nekoosa-Edwards Paper Co., Port Edwards. Wis.

10733— Paper (Wrapping)

American Straw Board Co., B'way & 42d, New York
Andrews John T. & Co., Penn Yan, N. Y.
Angier Mills (Waterproof Cloth Lined), Ashland, Mass.
Ashland Paper Co. (Fruit), Ashland, Wis.
Badger Bag & Paper Co., 222 W. Kinzie, Chicago, Ill.
Bardeen Paper Co. (Rag), Otsego, Mich.
Barnes Paper Mills, Rochester, Mich.
Bedford Pulp & Paper Co., Richmond, Va.
Bicking S. Austin, East Downington, Pa.
Bird & Son (Hardware), East Walpole, Mass.
Brown Co., Portland, Me.
Carolina Fibre Co. (Colored), Hartsville, S. C.
Central Box Board Co., 43d & Racine av, Chicago, Ill.
Chatfield & Woods Co., 3d & Plum, Cincinnati, O.
Continental Paper Bag Co. (Manila, Fibre & Coated), 17 Battery pl, New York
Crown Willamette Paper Co., San Francisco, Cal.
Cushnoc Paper Co., Augusta, Me.
Detroit Sulphite Pulp & Paper Co., Detroit, Mich.
Dexter Sulphite Pulp & Paper Co., Dexter, N. Y.
Fleming John G. & Son, Dallas, Tex.
Fox Paper Co., Lockland, O.
Hartje Paper Mfg. Co., 113 Wood, Pittsburgh, Pa.
Hawley Pulp & Paper Co., Oregon City, Ore.
HEWITT C. B. & BROS. (Jobbers) 49 Beekman, New York
See adv index at end of book
Hollingsworth & Whitney Co., 185 Devonshire, Boston, Mass.
Humphrey & Young (Light & Heavy Bogus), **Napanoch, N. Y.**
International Paper Co., 30 Broad, New York
Kimberly-Clark Co., Neenah, Wis.
La Salle Paper Co., South Bend, Ind.
Lockport Paper Co., Lockport, N. Y.
Los Angeles Paper Mfg. Co., Los Angeles, Cal.
McDowell Paper Mills, Main & Levering, Philadelphia, Pa.
Marathon Paper Mills Co. (Fibre), Rothschild, Wis.
Marcellus Paper Co., Syracuse, N. Y.
Moore & Thompson Paper Co., Bellows Falls. Vt.
Nekoosa-Edwards Paper Co., Port Edwards, Wis.
Newton Paper Co. ("Elephant," "Tiger," "National" & "Seal" Manila Duplex), Holyoke, Mass.
Niagara Paper Mills (Watermarked), Lockport, N. Y.
Niles Board & Paper Co., Niles, Mich.
Orono Pulp & Paper Co., Bangor, Me.
Oxford Paper Co., 200 5th av, New York
Pejepscot Paper Co., 111 B'way, New York.
Raquette River Paper Co. (Manila & Fibre), Potsdam, N. Y.
Ravenswood Paper Mill Co., Ravenswood, L. I., N. Y.
Richardson Paper Co., Wyoming & Cooper avs, Lockland, O.
Richmond Robt. P., Valatie, N. Y.
Roberts John & Son Co., Waltham, Mass.
Robertson C. M. Co. (Bogus), Montville, Conn.
Robertson's Wm. Sons (Tissue, for Fruit & Bottles), Putney, Vt.
Safepack Paper Mills, 727 Atlantic av, Boston, Mass.
Schmidt & Ault Paper Co., York, Pa.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
Smith Paper Co., Lee, Mass.
Southern Fibre Co. ("Kraft"), Portsmouth, Va.
Tarentum Paper Mills, 2d National Bank bldg, Pittsburgh, Pa.
Thilmany Pulp & Paper Co., Kaukauna, Wis.
Tuttle Press Co. (Soap), Appleton, Wis.
Union Bag & Paper Corp., 233 B'way, New York.

UNION PAPER & TWINE CO., 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
Van de Carr Paper Co. (Bogus), Stockport, N. Y.
Wall J. F. & Son, Walpole, Mass.
Walton D. S. & Co. ("Swedish Kraft"), 132 Franklin, New York
Whitaker Paper Co., Eggleston av, 6th & Lock, Cincinnati, O.
Wolf River Paper & Fibre Co., Shawano, Wis.
Yellow Pine Paper Mill Co. (Soda Fibre), Orange, Tex.
York Haven Paper Co., Land Title bldg., Phila., Pa.

10734—Paper (Wrapping, in Rolls)

Brown Co., Portland, Me.
Chatfield & Woods Co., 3rd & Plum, Cincinnati, O.
Fox Paper Co., Lockland, O.
HEWITT C. B. & BROS. (Jobbers) 49 Beekman, New York
See adv index at end of book
Hollingsworth & Whitney Co., 185 Devonshire, Boston, Mass.
Nekoosa-Edwards Paper Co., Port Edwards, Wis.
New York Roll Wrapping Paper Co. "Hopking," "Simplex"), 84 Beekman, New York
Perry Chas. E. Co., 77 Washington, N, Boston, Mass.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
UNION PAPER & TWINE CO., 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg., Buffalo, N. Y.
See adv index at end of book

10735—Paper (Wrapping, Rag)

Bardeen Paper Co., Otsego, Mich.
Brown Paper Co., Ft. Madison, Ia.
Central Box Board Co., 43rd & Racine av, Chicago,, Ill.
Clinton Paper Co., Clinton, Ia.
Fairfield Paper Co., Baltimore, O.
Fleming John G. & Son, Dallas, Tex.
Fox Paper Co., Lockland, O.
Gore H. M., Freeland, Md.
Kieffer Paper Co., Ewing, Ind.
Marseilles Wrapping Paper Co., Marseilles, Ill.
Massillon Paper Co., Massillon, O.
Mitchell & Son Co., Palmyra, Mich.
Monroe Paper Co., Monroe, Mich.
Munroe Falls Paper Co., Massillon, O.
Richardson Paper Co., Wyoming & Cooper avs, Lockland, O.
Schmidt & Ault Paper Co., York, Pa.
Terre Haute Paper Co., Terre Haute, Ind.
Van de Carr Paper Co., Stockport, N. Y.
Young D. & J. B., Bentleys Springs, Md.

10736—Paper (Wrapping, Straw)

American Straw Board Co., B'way & 42d, New York
Brown Paper Co., Fort Madison, Ia.
Carlyle Paper Co., Caryle, Ill.
Clinton Paper Co., Clinton Ia.
Fox Wm. H. & Son, Penn Yan, N. Y.
Hagar Straw Board & Paper Co., Xenia, O.
Lebanon Paper Co., San Francisco, Cal.
Massillon Paper Co., Massillon, O.
Monroe Paper Co., Monroe, Mich.
Munroe Falls Paper Co., Massillon, O.
Richmond Robert P., Valatie, N. Y.
Rockford Paper Mills, Rockford, Ill.
Terre Haute Paper Co., Terre Haute, Ind.
Van de Carr Paper Co., Stockport, N. Y.
Young, J. W., Bentleys Springs, Md.

10737— Paper (Writing)

See also Paper, Railroad Manila & Writing
American Papeterie Co., Albany, N. Y.
American Writing Paper Co., Holyoke, Mass.
Angel H. Reeve & Co., Inc. (Selling Agents), 7 Spruce, New York.
Bardeen Paper Co., Otsego, Mich.
Beckett Paper Co., Hamilton, O.
Bryant Paper Co., Kalamazoo, Mich.
Carew Mfg. Co., South Hadley Falls, Mass.
Chapin & Gould Paper Co., Springfield, Mass.
Chemical Paper Mfg. Co., Holyoke, Mass.
Collins Mfg. Co., N Wilbraham, Mass.
Columbian Paper Co., Buena Vista, Va.
Crane Bros., Westfield, Mass.
Crane Z. & W. M., Dalton, Mass.
Crane & Co., Dalton, Mass.
Crocker, Burbank & Co., Fitchburg, Mass.
Crocker-McElwain Co., Holyoke, Mass.
Curtis & Bro., Newark, Del.
Cushnoc Paper Co., Augusta, Me.
East Hartford Mfg. Co., Burnside, Conn.
Eastern Mfg. Co. (Linen Finished), Bangor, Me.
Eaton, Crane & Pike Co., Pittsfield, Mass.
Essex Pad & Paper Co., Holyoke, Mass.
Everett Pulp & Paper Co., Everett, Wash.
Fox River Paper Co., Appleton, Wis.
Gilbert Paper Co., Menasha. Wis.
Glatfelter P. H. Co., Spring Grove, Pa.
Hamilton W. C. & Sons, William Penn Pa.
Hammermill Paper Co., Erie, Pa.
Hollingsworth & Whitney Co., 185 Devonshire, Boston, Mass.
Howard Paper Co., Urbana, O.
Kalamazoo Paper Co., Kalamazoo, Mich.
Keith Paper Co., Turners Falls, Mass.
Kimberly-Clark Co., Neenah, Wis.
King Paper Co., Kalamazoo, Mich.
Lee Paper Co., Vicksburg, Mich.
Mead Pulp & Paper Co., Dayton, O.
Merrimac Paper Co., Lawrence, Mass.
Mountain Mill Paper Co., Lee, Mass.
Nashua River Paper Co., Pepperell, Mass.
N. Y. & Pennsylvania Co.,, 200 5th av, New York
Oglesby W. B. Paper Co. ("Antique Club"), Middletown, O.
Old Berkshire Mills Co., Dalton, Mass.
Peninsular Paper Co., Ypsilanti, Mich.
Poland Paper Co., Mechanic Falls, Me.
Powers Paper Co., Springfield, Mass.
Seaman Paper Co., 208 S La Salle, Chicago, Ill.
Taylor-Atkins Paper Co., Burnside, Conn.
UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bld., Buffalo, N. Y.
See adv index at end of book
Watervliet Paper Co., Watervliet, Mich.
West Virginia Pulp & Paper Co., 200 5th av, New York. Mills: Davis, W. Va.
Whiting George A. Paper Co., Menasha, Wis.
Whiting Paper Co., Holyoke, Mass.
Whiting-Plover Paper Co., Stevens Point, Wis.

10738— Paper & Pulp Mills

Star (*) Indicates Wood Pulp Mills
If the Main Office is not located at the Mill, the location of same follows after the Name

CALIFORNIA.

ANTIOCH—California Paper & Board Mills (Straw Board, Deadening Felts, Tag Board, etc). Office: San Francisco, Cal.
LOS ANGELES—Los Angeles Paper Mfg. Co. (Box Board, Sheathing, Deadening Felts & Wrapping)
Southern Board & Paper Mills (Box Board)
SAN FRANCISCO—
*Crown Willamette Paper Co. (Manila, News, Sheathing, Hanging, Flaxing, Express, Bag, Fruit, Paraffine & Wrapping; also Ground Wood & Sulphite Fibre). Mills: Oregon City, Ore.
Paraffine Companies, Inc., California Paper & Board Mills Div. (Straw Board, Tag Board), Mills Antioch, Cal.
Paraffine Companies, Inc. (Deadening & Saturating Felts & Sheathing Mills)

CONNECTICUT.

ANDOVER—Case Board Co. (Leather Board & Specialties)
BRIDGEPORT—Tait & Sons Paper Co. (Box Board)
BURNSIDE — Case & Marshall. Office: Hartford, Conn.
East Hartford Mfg. Co. (Bonds, Linens, Parchment, Folding, Writing, etc)
Taylor-Atkins Paper Co. (Bonds, Linens, Vellums & Writing)
COMSTOCKS BRIDGE—Brown Howard Curtis (Card Middles, Coating & Lithograph, Papers)
DANBURY—Beaver Brook Paper Mills (Mill Wrappers, etc.)
GLASTONBURY—Naubuc Paper Co. (Box Cloth, Button, Leather, Mill, Trunk & Wrapping Boards)
Riverside Paper Mfg. Co. (Binders Board, etc)
HARTFORD — Case & Marshall (Rope, Board, Water Proof, Papers, etc), Mills: Burnside, Conn.
Hartford Board Co. (Binders' Leather & Straw Board)
Hartford Paper Co. (Book, Cologne, French Folio & Colored Papers), Mills, Poquonock, Conn.
HIGHLAND PARK—Case Bros. (Press Board, Jacquard Cards, Insulating Board, etc)
HOP RIVER—Holland Leather Board Co. (Leather Board & Specialties)
MANCHESTER—American Writing Paper Co. (Writing Specialties in Paper, Fine Book, Cover & Plate Papers). Office: Holyoke, Mass.
Case A. Willard Co. (Imitation Press & Decorated Boards & Cover Papers, Poster & Mat Boards & Specialties)
Colonial Board Co. (Binders Board)
Foulds Wm. Co. (Button, Straw, Binders & Leather Board)
Lydall & Foulds Paper Co. (Chipped Plain & Mill Lined Straw Board)
MONTVILLE—Keyes Products Co. (Refined Wood). Office: New York City
Robertson C. M. Co. (Bogus Wrapping Anti-Tarnish, Folding Box Boards, etc.)
Thames River Specialties Co. (Card Middles, Lithographing, Carton, etc)
NEW HAVEN—National Folding Box & Paper Co. (Manila, Board, Single & Double Lined Chip Box Board). Mills: Ballston Spa, N. Y.
New Haven Pulp & Board Co. (Manila & White Folding Box Boards, News, etc)
Parker Jos. & Son Co. (Blotting)
NORTH WESTCHESTER—Norton C. H. (Binders, Box Shoe & Trunk Board)
NORWALK—*St. George Pulp & Paper Co (News & Hanging, also Ground Wood). Office: Sandy Hill, N. Y.
NORWICH—American Straw Board Co. (Box Board & Card Middles)
ONECO—Case & Risley Press Paper Co. (Rag Press Papers in All Colors & Hand Finished Boards)
POQUONOCK—Hartford Paper Co. (Book, Catalogue, French Folio & Colored Papers). Office: Hartford, Conn.
RAINBOW—Merwin Paper Co. (Insulating, Press & Shield Boards)
Rainbow Paper Mills (Richard R. Vernon, Prop.) (R. R., Impression Paper, Tissue & Copying)
RIVERTON—Riverton Co. (Yellow Railroad Copying & Oil Tissue)
SCITICO—Stowe J. D. & Sons (Leather Boards)
SEYMOUR—Beach S. Y. Paper Co. (Colored Specialties)
SOUTH COVENTRY—South Coventry Paper Co. (Binders', Box & Leather Boards)
SOUTHFORD — Diamond Match Co. (Binders' Straw, Album & Manila Board). Office: Chicago, Ill.
SOUTH GLASTONBURY—Wasuc Mills Co. (Binders, Straw, Album & Leather Board & Specialties)
SOUTH MANCHESTER—Brookside Paper Co. (Binders, Album & Trunk Board)
Case Bros. (Press Board, Jacquard Cards, Insulating Boards, etc)
Rogers Paper Mfg. Co. (Press, Insulating, Jacquard, Shield & Leather Boards)
UNCASVILLE—Thames River Specialties Co. (Folding Box Boards, Card Middles, Coated Boards, etc)
UNIONVILLE—Case Mfg. Co. (Colored, Hardware, Manila, Pattern & Rope)
VERSAILLES—Federal Paper Board Co., Inc. (Box Boards, Cracker Shell, Container Board & Specialties)
WESTPORT—Westport Paper Co. (Binders, Leather, Trunk & Box Board)
WESTVILLE — Parker Jos. & Son Co. (Blotting)

CONNECTICUT—continued

WINDSOR LOCKS—American Writing Paper Co. (Boards & Manila, Rope & Jute Manilas). Office: Holyoke, Mass.
Dexter C. H. & Sons (Cover Papers, Tissues & Specialties, Manifold Linen Typewriter, Grass-Bleached Silver Tissues, White & Colored Tissues, Copying, Bristols)
Whittelsey F. H. Co. (Yellow Way Bill, Manila, White & Parchment Copying, White & Colored Tissue, Manifold, Grass-Bleached, Typewriter, Anti-Tarnished, Oiled Tissue & Boards & Train Orders, etc.).

DELAWARE.

ELSMERE—Diamond State Fibre Co. Mills: Bridgeport, Pa.
GRANOGUE—Garrett Edwin (Tissue Manila & Colored). Office: Chester, Pa.
MARSHALLTON—Delaware Hard Fibre Co. (Rag Specialties). Office: Wilmington, Del.
NEWARK—Curtis & Bro. (Rag Book, Envelope, Specialties & Writings)
WILMINGTON—*Jessup & Moore Paper Co. (Book, Paper & Soda Fibre). Office: Phila., Pa.
WOODDALE—Marshall & Mitchell (Special Paper for Making Vulcanized Fibre for Electrical & Mechanical Purposes)
YORKLYN—Marshall Bros. (Rag Papers for Vulcanized Fibre & Rag Specialties)

DISTRICT OF COLUMBIA.

WASHINGTON—District of Columbia Paper Mfg. Co. (Finish Bond, Blotting, Embossed Flora Blottings, Cover, Matrix & Specialties), 3255 K, N W

GEORGIA.

GORDON—Pynetree Paper Co. (See New York City)

ILLINOIS.

ALTON—Alton Box Board & Paper Co. Straw Box Board & Plain Chip Board)
ANDERSON—Patent Vulcanite Roofing Co. (Felt)
AURORA—Monroe Binder Board Co. (Fibre)
CARLYLE—Carlyle Paper Co. (Straw Wrapping, Carpet, Building & Deadening Felts)
CHICAGO—American Straw Board Co. (Straw Board, Mill Lined; Chip Paper Stock, News, Combination Board), 122 S Michigan av
Central Box Board Co. (Straw Express, Ham & Rag Wrappings), 43d & Racine av. Mills: Rock Falls, Ill.
Chicago Coated Board Co. (Paper Box Boards, Plain, Mill Lined & Sheet Lined), 420 E North Water
Cornell Wood Products Co.
Ford Mfg. Co. (Boards, Express, Carpet Linings, Deadening Felts), 2339 La Salle (Br. St. Louis, Mo.)
Patient Vulcanite Roofing Co. (Felt), 175 W Jackson blvd
Sall Mountain Co. (Asbestos Paper & Boards) 230 S La Salle. Mills: Rockdale, O.
DECATUR—E. Z. Opener Bay Co.
EAST ST. LOUIS—General Roofing Mfg. Co. (Saturating & Deadening Felts, Building & Carpet Lining, Ready Roofings), 17th & Southern Ry
MARSEILLES—*Crescent Paper Co. (Straw & Chip Board, Egg Case Fillers & Box Board, Manila Lined & Plain)
General Roofing Mfg. Co. (Building)
Marseilles Wrapping Paper Co. (Rope Papers, Glazed Express, Rag & Bag Papers)
MOLINE—Lewis F. J. Mfg. Co. (Roofing Felts)
MORRIS—Morris Paper Mill Co.
MOUNT CARMEL—United Paper Board Co. (Straw Board). Office: New York City
PEORIA—Barrett Co. (Roofing Felt) Office: New York City
Illinois Paper Co.
United Paper Board Co. (Straw Board). Office: New York City
QUINCY—American Straw Board Co. Office: Chicago, Ill.
Weis Paper Mill Co.
ROCK FALLS—Central Box Board Co. Straw, Express, Ham & Rag Wrapping). Office: Chicago, Ill.
ROCKFORD—Rockford Paper Box Board Co. (Straw, Chip, Jute & Combination Boards)
Rockford Paper Mills (Straw Board & Straw Wrapping)
ROCKTON—Rockton Paper Co.
TAYLORVILLE—E-Z Opener Bag Co. (Bag, Express & Manila)
VANDALIA—Ford Mfg. Co. (Roofing & Deadening Felt, Bottle Wrapper & Carpet Lining). Office: Chicago, Ill.
WILMINGTON—American Straw Board Co. (Chip, Paper Stock, News & Combination Boards)

INDIANA.

ALBANY—Hart T. F. Paper Co.
ALEXANDRIA—Alexandria Paper Co. (Machine Finished Book & News)
ANDERSON—Patent Vulcanite Roofing Co. (Felt)
BROOKVILLE—*Thompson & Norris Co. (of Indiana) (Straw & Fibre Papers for Corrugating & Corrugated Paper & Bottle Packing). Office: Brooklyn, N. Y.
BROWNSTOWN—Kieffer Paper Co. (Rag, Lining, Corrugated Carpet & Packing Paper & Non-Absorbent Ham)
CARTHAGE—Carthage Board & Paper Co. (Binders' Board)
DELPHI—Delphi Straw Board Co.
EATON—Fort Wayne Corrugated Paper Co.
ELKHART—Wheat Paper Co.
EVANSVILLE—Funke Ferdinand Sons (Heavy Cloth Mill Wrapper Absorbent & Common Ham Wrapper & Feather Edge Fibre Work)
FORT WAYNE—Fort Wayne Corrugated Paper Co.
HARTFORD CITY—Fort Wayne Corrugated Paper Co. (Rope & Express)
Hartford City Paper Co. (Glassine, Greaseproof, Manifold, Embossed Parchmyn & Onion Skin Paper)
INDIANAPOLIS—Beveridge Paper Co. (White & Combination Boards, Bristols, Blanks & Silk Wrappers)
KOKOMO—Mid-West Box Co.
LAFAYETTE—Lafayette Box Board & Paper Co. (Straw Board, Plain & Mill Lined Sheet)
MARION—Marion Paper Co. (Folding Box Board, News Boards, Filled & Solid Pulp Boards, Plain & Grained Jute Board & Colored Board)
MOUNT VERNON—Mount Vernon Straw Board Co. (Plain & Lined Straw Board)
MUNCIE—Hinde & Dauch Paper Co. (Chip & Jute Board). Office: Sandusky, O.
NOBLESVILLE—American Straw Board Co. Office: Akron, Ohio
PORTER—Sall Mountain Co. (Asbestos Paper & Boards, etc). Office: Chicago, Ill.
ROCKPORT—United Paper Board Co. (See New York City)
SOUTH BEND—La Salle Paper Co. (Express, Wrapping & Specialties)
TERRE HAUTE—Terre Haute Paper Co. Corrugating, Tube & Egg Case Boards, Straw & Rag Wrapping). Office: Dayton, O.
VINCENNES—Fort Wayne Corrugated Paper Co.
Indiana Board & Filler Co. (Plain & Mill Lined Straw Board)
WABASH—United Paper Board Co. (Straw Board, Doubled Straw & Paper Stock Boards, Chip, Paper, Stock, News & Combination Boards & Coated Box Boards). Office: New York City

IOWA.

CEDAR RAPIDS— Cherry J. G. Co. (Egg Case Fillers)
CLINTON—Clinton Paper Co. (Straw & Rag Wrapping)
Ford Mfg. Co. (Building Sheathing)
Klein Oscar
FORT MADISON—Brown Paper Co. (Straw & Rag Wrapping)
TAMA—Cherry J. G. Co. (Egg Case Fillers)

KANSAS.

HUTCHINSON—Hutchinson Box Board & Paper Co.
LAWRENCE—Lawrence Paper Mfg. Co. (Straw Wrapping, Board & Corrugated Packing)

LOUISIANA.

BOGALUSA—Great Southern Lumber Co. (Fibre Board)
Louisiana Fibre Board Co.
BRAITHWAITE—E. Z. Opener Bag Co.

MAINE.

AUGUSTA—*Cushnoc Paper Co. (Envelope, Manila, Bag & Sack, Manila Wrapping, Yellow Writing, Laid & Wove, White Sulphite Papers, etc)
BANGOR—Eastern Mfg. Co. (Loft & Machine Dried Ledger Linen & Writing, Bond & Envelope, etc)
*Orono Pulp & Paper Co. (Bag, Coating, Manila, Envelope, Sulphite Fibre). Mills: Orono, Me.
BAR MILLS—National Fibre Board Co. (Fibre Board)
BELFAST—Sherman & Co. (Leather Board)
BRUNSWICK—Pejepscot Paper Co. (News, Cover & Wrapping)
CHISHOLM—*International Paper Co., Office, New York City
CUMBERLAND MILLS—*Warren S. D. & Co. (Book & Coated Paper & Soda Fibre), Office: Boston, Mass.
EAST MILLINOCKET—Great Northern Paper Co. (Ground Wood)
EAST POLAND—National Fibre Board Co. (Fibre Board & Horn Fibre), Office, Boston, Mass.
FAIRFIELD—United Box Paper Board Co. (Ground Wood), Office: New York City
GARDINER—*Hollingsworth & Whitney Co. (Manila, Writing & Railroad Manila & Ticket, Parchment, Waxed Manilas, Linings & Packers), Office: Boston, Mass.
*Warren S. D. & Co. (Machine-Finished & Super-Calendered Book), Office: Boston, Mass.
GREAT WORKS—*Penobscot Chemical Fibre Co. (Soda Fibre), Office: Boston, Mass.
HOWLAND—*Howland Pulp & Paper Corp. (Sulphite Fibre)
KENNEBUNK—National Fibre Board Co. (Leather & Fibre Board), Office: Boston, Mass.
LINCOLN—*Katahdin Pulp & Paper Co. (Sulphite Fibre), (Br. Eastern Mfg. Co., Bangor, Pa.)
LISBON FALLS—Pejepscot Paper Co. (Sulphite Fibre)
LIVERMORE FALLS — *International Paper Co. (Pulp Boards & Mill Wrappers & Ground Wood), Office: New York City
MADISON—*Great Northern Paper Co. (News & Manila Paper & Sulphite Fibre & Ground Wood), Office: New York City
Hollinsworth & Whitney Co.
MECHANIC FALLS—Poland Paper Co. (Book Writing & Lithograph)
MILLINOCKET—*Great Northern Paper Co. (News, also Ground Wood), Office: New York City
NEWHALL—*du Pont E. I. de Nemours Powder Co. (Ground Wood Flour), Office: Wilmington, Del.
OLDTOWN — *Nekonegan Paper Co. (Ground Wood)
ORONO—*International Paper Co. (News, also Ground Wood), Office: New York City
*Orono Pulp & Paper Co. (Bag, Coating, Manila & Envelope, also Sulphite Fibre), Office: Bangor, Me.

PORTLAND—Brown Co. (Bond, Kraft Wrapping, Sulphite Pulp, Sheathing, Carpet Lining, Mill Wrappers, Bleached & Unbleached, Sulphite Fibre, etc)
RILEY—*International Paper Co. (Ground Wood), Office: New York City
RUMFORD—*International Paper Co. (News, Manila, Bag, also Ground Wood & Sulphite Fibre), Office: New York City
*Oxford Paper Co., Office: New York City
SHAWMUT—*Shawmut Mfg. Co. (Ground Wood)
SKOWHEGAN — *Riverside Pulp Co. (Ground Wood)
Savage Mfg. Co.
*Skowhegan Pulp Co. (Ground Wood)
SOLON—International Paper Co. (Ground Wood), Office: New York City
SOUTH BREWER—*Eastern Mfg. Co. (Ledger, Writing & Envelope, also Sulphite Fibre & Ground Wood), Office: Bangor, Me.
SOUTH WINDHAM—*Androscoggin Pulp Co. (Wood Pulp Board, also Ground Wood), Office: Boston, Mass.
STEEP FALLS—Androscoggin Pulp Co., Office: Boston, Mass.
WEST ENFIELD—International Paper Co., Office, New York City
WINSLOW—*Hollingsworth & Whitney Co. (Manila Fibre & Waxed Manilas, Linings & Packers, Railroad Manila & Ticket, also Sulphite Fibre & Ground Wood), Office: Boston, Mass.
WOODLAND (Washington County)—*St. Croix Paper Co. (News, also Sulphite Fibre & Ground Wood), Office: Boston, Mass.
YARMOUTHVILLE—Warren S. D. & Co. (Soda Fibre), Office: Boston, Mass.

MARYLAND.

ASBESTOS—Baltimore Roofing & Asbestos Mfg. Co.
BALTIMORE—Chesapeake Paperboard Co.
BENTLEYS SPRINGS—Young J. W. (Roofing & Rag Wrapping)
Young Jos. W. (Straw Wrapping)
CHESTERTOWN — American Strawboard Co. (Straw Board, Plain, Mill Lined & Sheet Lined). Office: Chicago, Ill.
CHILDS—Marley Mill Corp.
FREELAND—Gore Howard M. (Manila & Rag Wrapping)
HAGERSTOWN—Antietam Paper Co. (Machine Finished & Super-Calendered Book)
LUKE—West Virginia Pulp & Paper Co. (Calender, Blankbook, Label, Writing, etc.), Office: N. Y. C.
ROWLANDSVILLE — Felt Paper Co. (Roofing, Deadening & Dry Saturating Felt)
WHITE HALL—Fibre Fabric Co.
Gunpowder Paper Mill

MASSACHUSETTS.

ADAMS—Berkshire Hills Paper Co.
Brown L. L. Paper Co. (Linen Ledger & Record, All Linen, Bond, Bank Note, Parchment, etc.)
BALDWINSVILLE—Adams A. L. Paper Co. (Tissue)
BANCROFT—Union Mill (Office: Bulkley, Dunton & Co., 75 Duane, New York City)
BOSTON—Androscoggin Pulp Co., 50 State. Mills: South Windham & Steep Falls, Me.
Boston Paper Mfg. Co. (Fancy Printed), 15 Chardon
Crehore Chas. F. & Son (Press Boards & Jacquard Cards), 87 Milk. Works: Newton Lower Falls, Mass.
Groton Leatherboard Co. (Heating & Counter Boards), 16 State, Mills: W. Groton, Mass.
Herkimer Fibre Co., 51 Lincoln. Mills: Herkimer, N. Y.
Hollingsworth & Vose Co. (Red Rope Roofing & Insulating; All & Part Rope Tag, Pattern Box Stay, Flour & Cement Sack & Specialties), 141 Milk
*Hollingsworth & Whitney Co. (Manila Writing & Railroad Manila & Ticket Parchment, Waxed Manilas, Lining & Packers, Manila Fibre, Sulphite Fibre & Ground Wood), 185 Devonshire, Mills: Gardiner, Me., & Winslow, Me.
Leatheroid Mfg. Co., 121 Beach
Monadnock Paper Mills, 201 Devonshire
Mount Tom Sulphite Pulp Co., 50 State. Mill: Mt. Tom, Mass.
Munroe Felt & Paper Co. (Roofing Carpet Lining & Ingrain Hanging), 79 Summer, Mills: Lawrence, Mass.
National Fibre Board Co. (Fibre & Leather Board & Horn Fibre), 121 Beach, Mills, East Poland, Me., Kennebunk, Me., & Lawrence, Mass.
Penobscot Chemical Fibre Co. (Soda Fibre), 49 Federal, Mills: Great-Works, Me.
Safepack Paper Mills (Wrapping), 727 Atlantic av
*St. Croix Paper Co. (News, Sulphite Fibre & Ground Wood), 244 Washington. Mills: Woodland, Me.
Tileston & Hollingsworth Co. (Book, Lithograph, Card & Plate), 49 Federal, Mills: Hyde Park, Mass.
*Warren S. D. & Co. (Book & Coated Paper, Soda Fibre, Machine Finished & Super-Calendered Book), 120 Franklin. Mills: 120 Franklin; Cumberland Mills, Me., & Gardiner, Me.
Wheelwright Geo. W. Paper Co. (Coating & Book, Bristol Boards, White & Tinted Blanks, Music, etc), 95 Milk. Mills: Fitchburg, Mass.; North Leomister, Mass., & Wheelwright, Mass.
BRIDGEWATER—Jenkins Geo. O. Co. (Leather Board), Office: Whitman, Mass.
DALTON—Crane Z. & W. M. (Extra Fine Writing)
Crane & Co. (Bank Note, Parchment & Bond)
Old Berkshire Mills Co. (Z. & W. Murray Crane, Props.) (Superfine Writings & Bristol Board)
Weston Byron Co. (Linen Ledger & Record)
DANVERS—Danvers Leather Co. (Leather Board)
EAST PEPPERELL—See Pepperell
EAST WALPOLE—Bird & Son ("Neponset" Roofing, Building, Sheathing, Hardware, Wrapping, Insulating & Special Waterproof Papers)
Hollingsworth & Vose Co. Office: Boston, Mass.
ERVING—Erving Paper Mills (Crepe & Tissue Specialties)
FARLEY—*Farley Paper Co. (Colored Bristol & Card Middles; also Ground Wood)
FITCHBURG—Crocker, Burbank & Co. (Inc.), (Book, Bristol Board, Card, Blotting & Writing)
Falulah Paper Co. (Mill Blanks)
Fitchburg Paper Co. (Card, Coating, Book & No. 1 Hanging)
Wheelwright Geo. W. Paper Co. (Coating Paper), Office: Boston, Mass.
HAVERHILL—Haverhill Box Board Co. (Box Boards)
HOLYOKE—Advertisers Paper Mill (Covers, Texts & Vellum)
American Writing Paper Co. (Book, Envelope, Writing, Wedding Folios, Calender & High Plate Finish, Bond, Linen & Ledger, Government Bond & Record Ledger, Colored Mediums, Drawing & Mimeograph, White & Colored Bristols)
Chemical Paper Mfg. Co. (Tub-Sized Writing, Envelope, Papeterie, Bonds, Linens, Folding Box Boards, Silk Boards, Detail Drawing & Cover)
Crocker-McElwain Co. (Writings, Ledgers, Bonds & Card Index Bristols)
Franklin Paper Co. (White & Colored Bristol Boards, White Blanks & Index Bristols)
Japanese Tissue Mills (Crystal Crepe & Decorating Paper, Paper Napkins & Fancy Decorated Tissues)
Mt. Holyoke Tissue Mill. Mills: South Hadley
Newton Paper Co. (Sheathing, Deadening Felt, Wool Felt, Heavy Wrappers, Jute & Rope Manila & Specialties, Corrugated Blue Carpet Lining Felt)
New York-New England Co. (Cover, Card Board, Photograph & Calender Mounting Boards)
Parsons Paper Co. (Bonds, Ledgers, Bristols & Linens)
Taylor-Logan Co. (Book, Cover, Bond, Envelope, Papeterie, Vellum & Special Finish Papers)
Valley Paper Co. (Bonds, Linens, Ledgers, Photographic Papers)
Whiting Paper Co. (Writing)
Whitmore Mfg. Co. (Surface Coated, Enameled Covers & Cardboard)
HOUSATONIC—Rising B. D. Paper Co. (Bond, Linen & Ledgers, Wedding & Index Bristols)
HUNTINGTON—American Writing Paper Co. (Writing). Office: Holyoke, Mass.
HYDE PARK—Tileston & Hollingsworth Co. (Book, Lithograph, Card & Plate). Office: Boston, Mass.
LAWRENCE—Champion International Co. (Soda & Sulphite Fibre)
Merrimac Paper Co. (Super-Calendered & Machine Finished & Enameled Book, Coated Lithograph, Writing, Music & Envelope)
Munroe Felt & Paper Co. (Roofing, Carpet Lining & Ingrain Hanging). Office: Boston, Mass.
LEE—Eaton-Dikeman Co. (Blotting & All Grades of Absorbent Papers)
Mountain Mill Paper Co. (High Grade Ledgers & Specialties)
Smith Paper Co. (Copying, Silver, Roll, Colored, Condenser, Typewriter, Wrapping & Carbon Tissues)
MILLERS FALLS—Millers Falls Paper Co. (Book, Cover, Index Bristol, Bond & Tinted Superfines)
MITTINEAGUE—American Writing Paper Co. (Writing, Bond, Russian Linen Ledger & Wedding Board), Office: Holyoke, Mass.
Southworth Co. (Bonds, Linens, Ledgers & Folded Papers)
Strathmore Paper Co. (Bond, Book, Cover, Drawing, Board, Wedding, Mounting, etc)
Worthy Paper Co. Ass'n (Bond, Ledger, Linen Fine, Superfine, Pasted Wedding Board & Fancy Covers, Deckle Edged)
MONROE BRIDGE—*Monroe Bridge Paper Co. (White & Colored Manila Bristol, Manila Tag Board, Duplex Board, Cover & Colored Specialties; also Ground Wood)
MOUNT TOM—*Mount Tom Sulphite Pulp Co. (Bleached Sulphite Fibre), Office: Boston, Mass.
NEW BEDFORD—Pairpoint Corporation (Straw Board, Heavy Baling & Case Lining Papers)
NEWTON LOWER FALLS—Crehore Chas. F. & Son (Press Board & Jacquard Cards), Office: Boston, Mass.
NORFOLK—Wall J. F. & Son ("Juniper" Sheathing, Wrapping, Roofing, Building, etc)
NORTH DIGHTON—Lincoln L. & Co. (Manila, Sheathing, Tack & Tailors' Pattern)
NORTH LEOMINSTER — Wheelwright Geo. W. Paper Co. (Bristol Boards, White & Tinted Blanks, Coating & Book), Office: Boston, Mass.
NORTH WILBRAHAM—Collins Mfg. Co. (Writing)
OTTER RIVER—Otter River Board Co. (Binders & Trunk Boards)
PEPPERELL—Nashua River Paper Co. (Book, Lithograph, Coating & Writing)
PITTSFIELD—Eaton, Crane & Pike Co. (Bond & Writing, etc)
RUSSELL—Chapin & Gould Paper Co. (Bond Ledger & Writing), Office: Springfield, Mass.
Westfield River Paper Co.
SOUTH HADLEY—Japanese Tissue Mills (Fancy Colored Tissues, Crystals, Crepe Decorating Papers), Office: Holyoke, Mass.
Mount Holyoke Tissue Mills. Office: Holyoke, Mass.

MASSACHUSETTS—continued
SOUTH HADLEY FALLS—Carew Mfg. Co. (Ledgers, Bonds, Linens & Typewriter Papers)
Hampshire Paper Co. (Bond & Typewriter)
SOUTH LEE—American Writing Paper Co. (Writing), Office: Holyoke, Mass.
SPRINGFIELD—Chapin & Gould Paper Co. Mills: Russell, Mass.
TOWNSEND HARBOR—Spaulding J. & Sons Co. (Fibre Boards), Office: North Rochester, N. H.
TURNERS FALLS—Esleeck Mfg. Co. (Onion Skin, Manifolding Typewriter, Bond & Linens)
International Paper Co. (High Grade Cotton Waste, News; also Ground Wood), Office: New York
Keith Paper Co. (Writing, Bond, Ledger, Wedding Bristols & Specialties)
WALTHAM—Roberts John & Son Co. (Asbestos, Sheathing & Wrapping)
WEST DUDLEY—Burmus Paper Co. (Manila, Lining, Bogus & Specialties)
WESTFIELD—Crane Bros. (Linen Ledger, Linen Writing, Linenoid Goods)
WEST GROTON—Groton Leather Board Co. (Heeling & Counter Board), Office: Boston, Mass.
Hollingsworth & Vose Co. (Red Rope Roofing & Insulating, All & Part Rope Tag Pattern, Box Stay, Flour & Cement Sack & Specialties), Office: Boston, Mass.
WHEELWRIGHT—Wheelwright Geo. W. Paper Co. (Book Coating & Music), Office: Boston, Mass.
WHITMAN—Jenkins Geo. O. Co. (Leather Board)
WORONOCO—Strathmore Paper Co. (Bond, Ledger, Bristol, Wedding, Typewriter, Cover, etc.)

MICHIGAN.

ALPENA—*Fletcher Paper Co. (Fibre, Bag & Manila, also Sulphite Fibre, Ground Wood)
BATTLE CREEK—Michigan Carton Co. (Box, Combination & Coated Boards)
CAPAC—Capac Paper Co. (Sanitary Fibre Products, Box Boards, etc.)
CHEBOYGAN—*Cheboygan Paper Co. (News, also Ground Wood & Sulphite Fibre)
CHILDSDALE — Childsdale Paper Co. (Straw, Chip, Colored & Pulp Boards)
CONSTANTINE—Constantine Board & Paper Co. (Express, Fibre, Ham & Box Board)
DETROIT—*Detroit Sulphite Pulp & Paper Co. (High Grade Envelope, Wrapping, Documents, Manila, Tag Board, Bristols, Cover & Specialties also Sulphite Fibre)
ESCANABA—*Escanaba Pulp & Paper Co.
GRAND RAPIDS—American Box Board Co. (High Grade Box & Corrugated Boards)
GROOS—*Escanaba Pulp & Paper Co.
JACKSON—Michigan Bag & Paper Co. (Bag Paper & "Ever-ready," Quick Opening Bags & Satchel Bottom & Square Bags)
KALAMAZOO—Bryant Paper Co. (Machine Finished & Super-Calendered Book, Map, Lithograph, Label, Music, Folder, Drawing, Rag & Wood Envelope, Tinted Laid Flats & Tub Engine-Sized Writings, French Folio & Specialties)
Hawthorne Paper Co. (Ledger, Bond & Writing)
Kalamazoo Paper Co. (Map, Writing, Envelope, Bond, Card & Coating, Book, Lithograph & Colored & Laid Flats)
Kalamazoo Vegetable Parchment Co. (Vegetable Parchment & Wax)
King Paper Co. (Book, Folder, Label, Lithograph, Map, Envelope & Writing)
Monarch Paper Co. (Machine Finished & Super-Calendered Book, Lithograph, Card, Coating, Folders & Tablet)
Rex Paper Co.
Riverview Coated Paper Co. (Coated Paper & Cardboard)
Standard Paper Co. (Card Middles & Box Boards)
Western Board & Paper Co.
MENOMINEE—Marinette & Menominee Paper Co. (See Marinette, Wis.)
MONROE—Boehme & Rauch Co. (Patent Coated & Combination Box Boards)
Monroe Binder Board Co. (Binders, Buggy & Backing Board)
Monroe Paper Co. (Straw, Rag, Wrapping & Lining Papers)
River Raisin Paper Co. (Folding Box Board, Shipping Cases, etc.)
MUNISING—*Munising Paper Co. (Bond, Fibre & Specialties, also Sulphite Pulp)
MUSKEGON—*Central Paper Co. (Fibre Manila, also Sulphite Fibre)
NILES—*French Paper Co. (Super-Calendered & Machine Finished Book)
*Niles Board & Paper Co. (Straw, Chip, Manila Lined & Colored Board, also Ground Wood)
OTSEGO—Bardeen Paper Co. (Book, Blotting, Cover, French Folio, Matrix, Map, Poster & Writing, Label, Ticket, Bible, Drug, Mimeograph, Parchment, Railroad Manila, Music, Paraffine, Coupon & Rag Papers, Felts, Ham, Express & Mill Wrappers)
Mac-Sim-Bar Paper Co. (Bristols, Sign Board, Saturating, Roofing & Deadening Felts, Card Middles, Document, Plain & Coated Box Boards, Plain & Duplex Bag, Tough Check, Rope & Fibre Papers, Cap, Wool, Building, Mill Wrappers, Corrugated Carpet Lining, Bottle Wrappers)
Otsego Coated Paper Co. (Coated Papers, etc.)
Wolverine Paper Co.
PALMYRA—Mitchell & Son Co. (Rag Wrapping, Sheathing & Mill Wrappers)
PLAINWELL—Michigan Paper Co. (Machine Finished Book, White & Colored French Folio, Catalogue, Pattern & Non-Fading Poster)
PORT HURON—Port Huron Sulphite & Paper Co. (Sulphite Papers & Light Weight Specialties)
ROCHESTER—Barnes Paper Mills (Book, News, Tobacco & Wrapping)
ST. JOSEPH—Mullen Bros. Paper Co. (Building & Specialties)
THREE RIVERS—Eddy Paper Co. (Card Middles, Bristols, Bogus Bristols, Bag & Specialties)
VICKSBURG—Lee Paper Co. (Bond, Ledger, Envelope, Plated & Linen Loft-Dried Papers)
WATERVLIET—Watervliet Paper Co. (Jute, Container, News & Combination Boards)
WHITE PIGEON—Eddy Paper Co.
YPSILANTI—Peninsular Paper Co. (Bond, Cover, Flats & Specialties)

MINNESOTA.

BRAINERD—Northwest Paper Co. (Ground Wood)
CLEARWATER—*Mukle Bros. Mfg. Co.
CLOQUET—*Northwest Paper Co. (News & Manila, also Ground Wood)
GRAND RAPIDS—*Itasca Paper Co. (News, also Ground Wood)
INTERNATIONAL FALLS—Minnesota & Ontario Power Co. (Sulphite)
LITTLE FALLS—*Hennepin Paper Co. (News, Manila, also Ground Wood), Office: Minneapolis, Minn.
MINNEAPOLIS — *Hennepin Paper Co. (News, Manila & Ground Wood), Plymouth bldg. Mills: Little Falls, Minn.
Minnesota & Ontario Power Co. (News), Andrus bldg
Nelson B. F. Mfg. Co., (Bldg. Paper, Box Board & Roofing)
ST. PAUL—Waldorf Box Board Co. (Manila Chip, Cracker Shell Colored Suit & Combination Boards), Pillsbury & Myrtle & Wabash av
SARTELL—*Watab Pulp & Paper Co. (News, also Ground Wood)
WINONA—Union Fibre Co. (Degumed Flax Fibre & Mineral Wool Boards, Insulators, Building Sheathing, etc.)

MISSISSIPPI.

MOSS POINT—Southern Paper Co. ("Kreole," Kraft & Wrapping)

MISSOURI.

ST. LOUIS—Certain-teed Products Corp., Ford Mfg. Co., 3d & Biddle

NEW HAMPSHIRE.

BATH—Cushman & Rankin Co. (Fibre Leather Board)
BENNINGTON—Monadnock Paper Mills (Machine Finished & Super-Calendered Book, English Finish, Music, Lithographic, Envelope & Coating)
BERLIN—Brown Co. (Ground Wood, Bleached & Unbleached Sulphite Fibre), Office: Portland, Me.
International Paper Co. (News & Card Middles), Office: New York City
BRISTOL—*Mason-Perkins Paper Co. (News, Colored Poster & Box Lining, also Ground Wood)
CLAREMONT — Claremont Paper Co. (Drawing, Super-Coating, Book, Manila)
FRANKLIN—*International Paper Co. (News, No. 2 Book, Manila Specialties, also Ground Wood). Office: New York City
GROVETON—*Odell Mfg. Co. (Fibre & Manila, also Sulphite Fibre)
HINSDALE—Ashuelot Paper Co. (Tissue, Yellow Copying & High Grade Tissues)
Fisk Paper Co. (White & Manila Tissue & Toilet Papers)
Robertson Bros. (White & Colored Tissue Manila in Rolls)
Robertson E. C. & Son (Aseptic Papers, Tissue Manila, White & Colored Tissue in Rolls & Large Sheets)
Robertson G. A. & Co. (Tissue Manila & Toilet, Rolls & Large Sheets)
Robertson Orrin C. Co. (Manila & White Tissue)
LINCOLN—*Henry J. E. & Sons Co. (Sulphite Fibre)
Henry Paper Co. (Sulphite Bag, Manila & Envelope)
MANCHESTER—Amoskeag Paper Mill Co. (Book Paper)
MILTON — Milton Leather Board Co. (Leather Board)
Spaulding J. & Sons Co. (Fibre)
See adv index at end of book
NORTH ROCHESTER—Spaulding J. & Sons Co. (Fibre Boards), Mills, Townsend Harbor, Mass.
See adv index at end of book
PLYMOUTH—Livermore Falls Pulp Co. (Ground Mill)
SUNAPEE—*Emerson Paper Co. (Book Paper, also Ground Wood)
WADLEYS FALLS — Lee Fibre Co. (Leather & Fibre Boards)
WEST CLAREMONT—Coy Paper Co. (Tissue Manila)
Jarvis Paper Mills (Russell Jarvis, Prop.)
WEST HENNIKER—Contoocook Valley Paper Co. (Book, Card & Specialties in Strong Papers)
WEST HOPKINTON—Davis Paper Co.

NEW JERSEY.

BLOOMFIELD—Davey E. H. Co. (Trunk, Binders & Friction Boards, High Grade Tar Boards)
Diamond Mills Paper Co. (Copying, Carbon, Cigarette & Tissues). Office: New York City
BOGOTA—Bogota Paper & Board Co.
Continental Paper Co. (Box & Lithograph Boards, Card Middles & Coating Boards)
Federal Paper Board Co.
BOONTON—Field & White Co. (Roofing & Deadening Felts). Office: New York City
BUTLER—Pequannock Valley Paper Co. (Tissue Manila)
CAMDEN—*Mac Andrews & Forbes Co. (Box Board, etc.)
West Jersey Paper Mfg. Co. (Rope Manilas, All Grades)
CLIFTON—Clifton Paper Mills
ELIZABETH—Barrett Mfg. Co. (Roofing & Building)

GARFIELD — Hammerschlag Mfg. Co. (Waxed Papers & Tissues, Entire Product Consumed in Their Own Factory). Office: New York City
GLOUCESTER—Hinde & Dauch Paper Co. (Bogus, Felt, Chip & Indented Board). Office: Sandusky, O.
HAMBURG—Union Waxed & Parchment Paper Co. (Tissue & Waxed Papers)
HOBOKEN—Hoboken Paper Mill Co. (Lining, Manila, Building & Specialties)
JERSEY CITY—Boyle John F. Co. (News & Straw Boards), 500 Montgomery
Davey W. O. & Sons (Binders, Friction & Trunk Board), 174 Laidlaw av
Leo Jas. Co. (Chip & Combination Box Boards), 251 Varick
Stratford Paper Co. (Cigarettes, etc.), 170 Cornelison av
LAMBERTVILLE—Bergen Paper Co. (Dry Saturated Felts)
Gandy Wm. H. (Est. of), (Tissue Manilla & Copying)
Mann Wm. Co. (Railroad Copying & Manifold Papers). Office: Phila., Pa.
LITTLE FERRY—Bergen Paper Co. (Deadening Felt)
MILFORD—Warren Mfg. Co. (Sand & Music Paper, Rope Tag & High Grade Specialties Made from Manila Fibre)
MILLBURN—Diamond Mills Paper Co. (Cigarette, Pattern, Copying & Tissue). Office: New York City
Fandango Mills (Binders Boards)
MORRISTOWN—Muir James A. (Binders' Board)
NEWARK—Albey Bros., 149 Meeker av
Newark Boxboard Co., Blanchard
Waverly Paper Box Board Co. (Box Boards), Weston av
NUTLEY—La Monte Geo. & Son (Safety Papers & Specialties, Bankers' Safety, Railroad Ticket, Writings & Animal-Sized Papers in Rolls, Quadrille)
White Springs Paper Co. (White Tissue)
PASSAIC—Paterson Parchment Paper Co.
RIEGELSVILLE—Bergen Paper Co. (Dry Saturated Felts)
Warren Mfg. Co. (Manila Jute & Rope, Rope Bristol in 15 Colors). Office: New York City
WANAQUE—Wanaque River Paper Co. (Super-Calendered & Machine Finished Book). Office: New York City
WHIPPANY—McEwan Bros. (News & Folding Paper Box Boards)
United Paper Board Co. (Patent News Board & Chipped Board). Office: New York City

NEW YORK.

AMSTERDAM—Smeallie & Voorhees (Paper Board)
ANCRAM—Ancram Paper Mill (White, Colored, Manila & Anti-Rust Tissue & Specialties in Tissue). Office: New York City
AUSABLE FORKS—*Rogers J. & J. Co. (Bag, Envelope, Hardware & Manila, also Sulphite Fibre)
BALDWINSVILLE—Hoffman R. S.
BALLSTON SPA—Ballston Fibre Products Co.
National Folding Box & Paper Co. (Manila, Board & Single & Double Lined Chip Box Board). Office: New Haven, Conn.
Riverside Pulp & Paper Co.
BATTENVILLE — Phoenix Paper Co. (White & Manila Tissue Sheets & Jumbo Rolls). Office: Greenwich, N. Y.
BEAVER FALLS—*Lewis J. P. Co. (Manila, Jute & Combination Boards, also Ground Wood)
*Lewis, Slocum & Lefevre Co. (Ground Wood)
BINGHAMTON—Bayless Pulp & Paper Co.
BLOSSVALE—Blossvale Paper Co. (White & Manila Tissue)
BROWNVILLE—*Brownville Board Co. (Tag Board, Document & Manila & Manila Folding Box Boards, also Ground Wood)
*Brownville Paper Co. (Railroad Manila, Colored Poster, Glazed Fibre & Colored Specialties, also Ground Wood)
*Harmon Paper Co. (Book, News, Manila & Colored Specialties, also Ground Wood)
CADYVILLE — International Paper Co. (Ground Wood)
CAMDEN—Burnham Asa C. (Cash Register Paper)
CANAAN—Heffermann Paper Co., Office: New York City
CARTHAGE—*Carthage Sulphite Pulp & Paper Co. (Sulphite Fibre)
*Carthage Tissue Paper Mills (Manila, White & Colored Tissue & Toilet Paper, Packages & Rolls)
*Champion Paper Co. (Manila, also Ground Wood)
*Island Paper Co. (Manila, Bag & Dry Fibre, also Ground Wood)
*West End Paper Co. (News)
CASTLETON—Fort Orange Paper Co. (Buckskin & Columbia Box Boards, Card Middles, Silk Wrappers, Jacquard Boards, Featherweight Textile Boards), Office: New York City
Ingalls & Co. (Binders' Board)
CHATEAUGAY—*Chateaugay Pulp Co. (Ground Wood)
*High Falls Pulp & Paper Co. (News, Hanging, also Ground Wood)
CLAYVILLE—Clayville Paper Mills Co. (Toilet)
COHOES—Snyder W. W. Mfg. Co. (Straw Board)
CORINTH—International Paper Co. (News, Manilas, etc.)
DE FERIET—*St. Regis Paper Co. (News, also Ground Wood & Sulphite Fibre). Office: Watertown, N. Y.
DEXTER—*Dexter Sulphite Pulp & Paper Co. (Fibre Wrapping & Bag Papers, also "Mitcherlich" Sulphite Fibre & Ground Wood)
Warren Parchment Co.
ELBRIDGE—Paddock Tube Paper Co. (Straw Boards)
ENDICOTT—Endicott-Johnson & Co. Mills: Lestershire, N. Y.
FALLSBURG—Lefevre Edw. Y. (Cloth Lined Tissue, Crinkled & Light Weight Manila)
FAYETTEVILLE—Lawless Paper Co. (Manila & Tissue). Office: Rochester, N. Y.
McIntyre Bros. Paper Co., Inc. (Tissues)
FELTS MILLS—Lefebvre A. H. (Ground Wood)
Taggart's Paper Co. (News & Colored Poster & No. 2 Manila, also Ground Wood). Office: Watertown, N. Y.
FORESTPORT—*Pennington A. R. & Co. (Ground Wood)
FORT EDWARD—International Paper Co. (Sulphite Fibre), Office: New York City
FORT MILLER—*Fort Miller Pulp & Paper Co. (Hanging, also Ground Wood)
FULTON—Arrowhead Mills, Inc. (Sulphite Pulp)
Eureka Paper Co. (Rope, Fibre, Express, Manila & Saturating & Specialties)
Granby Pulp & Paper Co. (Light Weight Manilas, News & White Lining)
North End Paper Co. (White Tissue)
*Oswego Falls Pulp & Paper Co. (News, Hanging, Wood Pulp & Combination Board)
Victoria Paper Mills Co. (Manila, Tissue Paper, Toilet Paper in Rolls & Packages, Tissue Specialties, Paper Bags)
Volney Paper Co. (Saturating Felts)
GLENS FALLS—Finch, Pruyn & Co. (Inc.) News & Half Tone, also Ground Wood)
International Paper Co. (News & Hanging, also Ground Wood). Office: New York City
GOUVERNEUR—*Aldrich Paper Co. (Wood Pulp). Office: Watertown, N. Y.
GREAT BEND—*Taggarts Paper Co. (Hanging & Tablet). Office: Watertown, N. Y.
GREENWICH—*Blandy Paper Co. (Tag, Manila & Special Papers for Glazed Paper & Cardboard). Office: Schuylerville, N. Y.
Continental Paper Bag Co. Office: New York City
Mohican Pulp & Paper Co
Phoenix Paper Co.
HADLEY—*Union Bag & Paper Co. (Bag & Manila, also Ground Wood). Office: New York City
HARRISVILLE—*Diana Paper Co. (Tissue & Light Weight Colored, also Ground Wood)
HERKIMER—Herkimer Fibre Co. (Leather & Fibre Board). Office: Boston, Mass.
HINCKLEY—*Hinckley Fibre Co. (Sulphite Fibre)
HUDSON FALLS—St. George Pulp & Paper Co.
Union Bag & Paper Co. (Wall, Manila, Express & Bag), Office: New York City
ITHACA—Brown Paper Co.
Empire Paper Co. (Tissue for Waxing)
LESTERSHIRE—Endicott-Johnson & Co. (Manufacture Leather Board for Their Own Use), Office: Endicott, N. Y.
LITTLE FALLS—Kingston Paper Co., Inc. (Roofing, Dry, Saturating & Deadening Felts, Building & Carpet Linings)
Mohawk Valley Paper Co.
LOCKPORT—Fibre Corporation (Indurated Ware & Ground Wood)
Lockport Paper Co. (Roofing Felt, Deadening, Sheathing & Heavy Wrapping)
Niagara Paper Mills (Covers & Fine Specialties)
United Paperboard Co. (Manila Coated & Combination Boards, Card Middles & Specialties), Offices: New York City
LYONSDALE—Ager C., Leonard J. (Straw & Shivy Fibre)
*Moyer & Pratt (Manila & Fibre, also Ground Wood)
LYONS FALLS—Gould Paper Co. (News, No. 2 Manila, also Sulphite Fibre & Ground Wood)
*Moyer & Pratt
McKEEVER—See Thomson, N. Y.
MALONE—*Malone Paper Co. (News, also Ground Wood)
MARCELLUS FALLS—Onondaga Paper Co. (Screening, Express, Fibre, Manila & White Tissue, Colored Specialties)
Marcellus Paper Co. (Express, Sreenings, Mill Wrappers & Hardware), Office: Syracuse, N. Y.
MECHANICSVILLE—*West Virginia Pulp & Paper Co. (Machine Finished & Super-Calendered Book, Lithograph & Varnish Label, also Bleached Soda & Sulphite Fibre), Office: New York City
MELLENVILLE—Berkshire Box & Paper Co. (Box Board, Wrapper, Card Middles, Lined & Unlined Folding Box Board)
Van Buren J. M. & Co. (Wrapping)
MIDDLE FALLS—*Stevens & Thompson Paper Co. (Tissue & Manila Tissue, also Ground Wood)
MUMFORD—Gardner L. H. Paper Co. (Manila Tissue & Toilet)
NAPANOCH—Hoornbeck's John C. Sons (Wood Flour)
Humphrey & Young (Light & Heavy Bogus, Wrapping & Butchers' Manila)
Ulster Tissue Mills, Inc.
NATURAL DAM—Aldrich Paper Co. (Sulphite Fibre)
NEWBURGH—Holden Paper Co. (Book)
Little Falls Paper Co. (Tissue & Tissue Manila)
NEWTON FALLS—*Newton Falls Paper Co. (Sulphite Fibre), Office: Watertown, N. Y.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Bainbridge's Chas. T. Sons **(White Tissue Used in Our Own** Manufacturing of Crepe Tissue) 2 Cumberland
Thompson & Norris Co. (Straw & Fibre Paper for Corrugating & Corrugated Paper & Bottle Packing), c Concord & Prince, Mills, Brookville, Ind.
Tidewater Paper Mills Co. (News), 32-33d
Warren Mfg. Co. (Rope Paper, Sand Paper, Music Paper, Rope, Tag & High Grade Specialties Made from Manila Fibre), 217 Morgan av

NEW YORK—New York—continued

Boroughs of Manhattan and Bronx.

NEW YORK—Ancram Paper Mills (White, Colored, Manila & Anti-Rust Tissue & Specialties in Tissue), 150 W 22nd. Mills: Ancram, N. Y.
Barrett Co. (Roofing Felt), 17 Battery pl. Mills: Peoria, Ill.
Blauvelt Wiley Paper Mfg. Co., 135 Charlton
Bulkley, Dunton & Co. (Card Middles, Book, etc.), 75 Duane
Continental Paper Bag Co. (Toilet Papers, High Grade White Colored & Manila Tissues, Lightweight Specialties), 17 Battery pl
Diamond Match Co. (White Coated, Colored & Manila Lined Board), 111 B'way; Mills: Southford, Conn.
Diamond Mills Paper Co. (Copying, Carbon, Pattern, Cigarette Tissues, Typewriter & Silver Tissue), 44 Murray
Ewing H. Norwood Co. (Toilet), Woolworth bldg
Field & White Co. (Roofing & Deadening Felts), 116 Nassau
Fort Orange Paper Co. (Buckskin & Columbia Box Boards, Card Middles, Silk Wrappers, Jacquard Boards), 200 5th av
*Great Northern Paper Co. (News & Manila Paper, Sulphite Fibre & Ground Wood), 30 E 42d. Mills: Madison, Me.
Hammerschlag Mfg. Co. (Waxed & Parchment Paper, etc), 232 Greenwich
Heffernan James P. Paper Co., 25 Water. Mills: Canaan, N. Y.
*International Paper Co. (News, Manilas, Fibre), 30 Broad
Johns H. W.-Manville Co. (Asbestos Paper & Mill Board), Madison av & 41st
Keyes Products Co. (Refined Woods), 120 B'way
La Monte Geo. & Son (Safety Paper), 61 B'way, New York
New York & Penna Co. (Soda Fibre Dry in Rolls, Bond, White & Colored Machine Finished & Super-Calendered Book, Cover, Envelope Label, Railroad Manila & Writing, Bleached Sulphate, Bay Express, Fibre. Hardware, etc), 200 5th av
*Oxford Paper Co. (Machine Finish & Super-Calender Book, Lithograph, Varnished Label; also Soda & Sulphite Pulp), 200 5th av. Mills: Rumford Falls, Me.
Pejepscot Paper Co. (News, Cover & Wrapping), 111 B'way
Pynetree Paper Co. (Container Boards), 450 Pearl
Racich Asbestos Mfg. Co., 609 W 55th
Rainbow Paper Mills, 239 B'way
*Ticonderoga Pulp & Paper Co. (Book, Writing, Magazine & Coating; also Soda Fibre), 200 5th av. Mills: Ticonderoga, N. Y.
*Union Bag & Paper Corp. (Blank Wall Paper, Manila, Fibre, Express Bag), 233 Broadway
United Paperboard Co., 171 Madison av
Voith J. M. Co., Inc., 200 5th av
Walther & Co. (Surface Coated Paper), 72 Duane, New York
Wanaque River Paper Co. (Super-Calendered & Machine Finished Book), 290 B'way. Mills: Wanaque, N. J.
Warren Mfg. Co. (Manila, Jute & Rope, Rope Bristol in 15 Colors), 233 B'way. Mills: Reigelsville, N. J.
*West Virginia Pulp & Paper Co. (Machine Finished & Super-Calendered Book, Lithograph & Varnish Label; also Bleached Soda & Sulphite Fibre, Writing, Blank Book, Tablet), 200 5th av
York Haven Paper Co. (Colored Fibre, Express), 290 B'way. Mills: York Haven, Pa.

Borough of Queens.

RAVENSWOOD, L. I.—Ravenswood Paper Mill Co. (Straw & Plain Colored Chip Board, Lined or Unlined)

(End of New York City)

LYONS FALLS—Gould Paper Co. Mills: Port Leyden, N. Y.
NIAGARA FALLS—*Cliff Paper Co (News, Rolls, Sheets, Hanging; also Ground Wood)
Defiance Paper Co.
*International Paper Co. (News & Manilas), Office: New York
Lockport Paper Co. (Building, Roofing, Wrapping & Deadening Felts), Office: Lockport, N. Y.
*Niagara River Mfg. Co. (Ground Wood)
*Pettebone-Cataract Paper Co. (Roll & Sheet News; also Ground Wood)
NORTH HOOSICK—Stevens & Thompson (Inc.) (Specialties in Colors)
NORWOOD—Martin Pulp & Paper Co.
Remington Paper & Power Co. (News Print Paper)
ORANGEBURG—Fibre Conduit Co. (Conduits Made from Wood Pulp)
PALMER—*International Paper Co. (Sulphite Fibre & Ground Wood), Branch of New York
PENFIELD—Lawless Paper Co. (Waterproof Bogus), Office: Rochester, N. Y.
PENN YAN—Andrews John T. & Co. (Butchers' Manila, Bogus, Wrapping & Sheathing)
Fox W. H. & Son (Straw Wrapping)
PHOENIX—Crescent Paper & Machine Co. (Tissue Manila)
Oswego River Paper Mills (Tissue for Toilet Papers, All Kinds of Packages & Roll Toilet Papers Our Specialty)
Phoenix Toilet & Paper Mfg. Co. (Manila Tissue & Toilet)
Sweet Bros. Paper Mfg. Co. (White, Colored & Manila Tissue)
Three Rivers Paper Co.
PIERCEFIELD—*International Paper Co. (Manila; also Ground Wood & Sulphite Fibre), Office: New York
PIERMONT—Piermont Paper Co. (Patent Coated Pulp Lined & Other Folding Box Boards & White Blanks)
PLATTSBURG—*Lake Champlain Pulp & Paper Co. (Bag, Hanging, News, Manila Tissue; also Ground Wood)
*Saranac Co. (Ground Wood)
Underwood Paper Mills, Inc.
PORT LEYDEN—Gould Paper Co. (Heavy Manila & Drab Express), Office: Lyon Falls, N. Y.
Johnston & Son
POTSDAM—Racquette River Paper Co. (Manilla & Fibre Wrapping, Envelope & Printed Manillas, Bag Papers, Colored Specialties, etc.)
Unity Paper Mills (Book)
PYRITES—De Grasse Paper Co. (Sulphite Bag & Manila; also Ground Wood & Sulphite Fibre)
RAYMONDVILLE—Remington Paper & Power Co. (News Print Paper)
ROCHESTER—Eastman Kodak Co.
Flower City Tissue Mills Co. (White, Colored & Manila Tissue, All Grades of Fourdrinier White Tissues)
Lawless Paper Co. (Manila & Tissue, Waterproof)
Rochester Paper Products Co.
ROCK CITY FALLS—Big Falls Paper Co. (Box Boards)
Brown E. M. Paper Co. (Card Middles, Coating, Manila & Duplex)
ST. JOHNSVILLE—Smith Isaac E. (Straw Board)
SAUGERTIES — Cantine, Martin Co., (Coated Lithograph, Plate & Enameled Book Papers)
Diamond Mills Paper Co. (Typewriter, Copying, Carbon, Silver Tissue & Cigarette). Office: New York City
SCHUYLERVILLE — *American Wood Board Co. (Tag Manila & Special Paper for Glazed Paper & Cardboard, also Ground Wood)
Blandy Paper Co. Mills: Greenwich, N. Y.
SKANEATELES—Skaneateles Paper Co. (Mill Wrappers & Machine Dried Boards)
SKANEATELES FALLS—Saxer Paper Mills (Office, Syracuse)
SOUTH EDWARDS—*Carthage Tissue Paper Mills (Ground Wood). Office: Carthage, N. Y.
STILLWATER—Pemble Wm. & Sons (Straw Board, Leather Board, Counter Board)
STOCKPORT—Van De Carr Paper Co. (Rag & Straw Wrapping & Common Bogus, No. 2 Straw, Cigarette & Carpet Lining)
SYRACUSE—Marcellus Paper Co. (Express, Screenings, Mill Wrappers & Hardware). Mills: Marcellus, N. Y.
Saxer Paper Mills
THOMSON—*Iroquois Pulp & Paper Co. (Hanging & News, also Ground Wood)
TICONDEROGA — *International Paper Co. (News, also Ground Wood). Office: New York City
*Ticonderoga Pulp & Paper Co. (Book, Magazine & Coating, also Soda Fibre). Office: New York City
TONAWANDA—Tonawanda Board & Paper Co. (Solid & Filled Jute Boards, Plain & White Pulp Lined Eureka Boards, Straw Chips, Solid & Filled News Board, Solid & Filled Pulp Boards, Box & Barrel Layers, Combination Boards, Patent Coated Boards, Colored Boards, Trunk, Textile, Binders, Cloth, Picture, Furniture & Buggy Back Boards)
TROY—Albia Box & Paper Co. (Box Boards, Plain, Combination & Mill Sheet Lined)
Ingersoll Paper Co. (Manila Tissue)
Manning John A. Paper Co. (Rope Manila Paper for Sand Paper, Flour & Cement Sacks & Insulating)
UTICA—Foster Box Board Co. (Box Boards)
Mutual Box Board Co. (Box Boards)
VALATIE—Richmond Robert P. (Wrapping Paper)
WALLOOMSAC—Walloomsac Paper Co. (Colored Wall Papers, Ingrains & Specialties)
WARRENSBURG—*Schroon River Pulp & Paper Co. (News & Hanging, also Ground Wood)
WATERFORD—Gilbert Frank Paper Co. (Colored Specialties, Coating, Cover, Interleaving Blotting, Book, Tablet & News)
WATERTOWN—*Aldrich Paper Co. (News, Manila & Hanging, also Ground Wood)
Diana Paper Co.
*International Paper Co. (News, Manilas, also Sulphite Fibre & Ground Wood), Branch of New York City
Knowlton Bros. (Covers, etc)
*Newton Falls Paper Co. (Sulphite Papers, Bag, Wrapping, Sack & Kraft, Sulphite Fibre). Mills: Newton Falls, N. Y.
Remington Paper & Power Co., Inc.
*St. Regis Paper Co. (News, Ground Wood & Sulphite Fibre). Mills: De Ferlet, N. Y.
Taggart Bros. Co. (Manila, Rope, Papers, Flour & Cement Sacks)
Taggart's Paper Co.
WILLSBORO—New York & Penna. Co. (Soda Fibre Dry in Rolls, also Paper)

NORTH CAROLINA.

CANTON—*Champion Fibre Co. (Soda & Sulphite Fibre). Office: Hamilton, O.
ROANOKE RAPIDS—Halifax Paper Corp. (Butchers' Manila & Kraft Fibre). Office: Richmond, Va.

OHIO.

AKRON—American Straw Board Co.
Phillips Thos. Co. (Rope, Cement, Flour, Feed & Lime Sack Papers, Sand & Sign Paper)
BALTIMORE—Fairfield Paper Co. (Chip, Jute & Combination Board, Rag & Jute Wrapping)
BARBERTON—American Straw Board Co. (News Board, Paper Stock Board, White Coated Combination & Pulp Lined Boards). Office: Chicago, Ill.
BOSTON—Cleveland-Akron Bag Co. (Rope, Flour, Sack, etc.)
Jaite Co. (Rope Specialties, Cement, Flour & Charcoal Bag Papers)

CEDARVILLE—Hagar Straw Board & Paper Co. (Light Straw Board & Wrapping, Tube Egg Case & Corrugating). Office: Xenia, O.
CHAGRIN FALLS—Adams Bag Co. (Manila Rope for Flour & Cement Sacks), 1900 Euclid av. Office: Cleveland, O.
CHILLICOTHE—*Mead Pulp & Paper Co. (Book, Lithograph & Writing, Enameline & Ivory Half-Tone in White & Colors). Office: Dayton, O.
CINCINNATI—Carey Philip Mfg. Co. (Asbestos Mill Board & Roofing Felt), 330 Wayne av, Lockland
Chesapeake Pulp & Paper Co.
Dayton Folding Box Co. (Straw & Rag Wrapping, Lining & Combination Boards), 2727 Spring Grove av
CIRCLEVILLE—American Straw Board Co. Office: Chicago, Ill.
CLEVELAND—Adams Bag Co. (Manila Rope Paper for Flour & Cement Sacks), 1900 Euclid av
Cleveland-Akron Bag Co. (Rope, Flour Sack & Manilas)
*Cleveland Paper Mfg. Co. (Book, Colors, Colored & News)
Cleveland Waterproof Paper Co.
Ohio Box Board Co. (Box Boards, Including Patent Coated, Jute, Manila Lined News, etc.), 1390 E 30th. Mills: Rittman, O.
COSHOCTON—Coshocton Straw Paper Co. (Straw Paper for Corrugating & Straw Wrapping)
CRESENTVILLE—Fox Paper Co. (See Lockland)
CUYAHOGA FALLS—Walsh Paper Co. (Milton, Starch, Macaroni, Tailors' Pattern & Colored Specialties)
DAYTON—Aetna Paper Co. (Bonds, Ledgers, Lining & Flats)
*Mead Pulp & Paper Co. (Book, Lithograph & Writing, Enameline & Ivory Half-tone in White & Colors). Mills: Chillicothe, O.
Peerless Paper Co. (Roofing & Felt)
Sterling Paper Co. (Writing & Envelope Paper)
Terra Haute Paper Co. (Corrugating, Tube & Egg Case Boards, Straw & Rag Wrapping). Mills: Terra Haute, Ind.
DELPHOS—Hinde & Dauch Paper Co. (Straw Wrapping & Light Straw Board). Office: Sandusky, O.
FRANKLIN—American Writing Paper Co. (Writing). Office: Holyoke, Mass.
Franklin Board & Paper Co. (Patent Coated, News, Manila, Lined Chip, Paper Stock, Jute, Pulp & Combination Board)
Patent Vulcanite Roofing Co.
HAMILTON—Beckett Paper Co. (Colored Covers & Specialties)
Champion Coated Paper Co. (Book, Manila & Cardboard)
*Champion Fibre Co. (Fibre Board & Soda & Sulphite)
Sterling Paper Co. (Writing & Envelope Paper). Office: Dayton, O.
LANCASTER—Lancaster Board & Paper Co.
Lancaster Leather Co. (Leather Boards)
LOCKLAND—Carey Philip Mfg. Co. (Asbestos Mill Board & Roofing Felt), 330 Wayne av
Fox Paper Co. (Wrapping, etc.)
Richardson Paper Co. (Roofing, Fly & Specialties in Felt, Box & Other Boards), Wyoming & Cooper avs
MASSILLON—Massillon Paper Co. (Straw Wrapping)
Munroe Falls Paper Co. (Carpet Lining, Express, Straw & Rag Wrapping, Building, Absorbent, Fly Paper, Fireworks Paper, Deadening Felt & Roofing)
MAUMEE—Carney Paper Co.
MIAMISBURG—Miamisburg Paper Co. (Book, News, Envelope, Butchers' & No. 2 Manila)
Ohio Paper Co. (Bottle Wrappers, Carpet Lining & Saturating Felt)
MIDDLETOWN—Crystal Paper Co. (White, Colored & Manila Tissue & Wax Paper)
Gardner, Colin Paper Co. (Patent Coated Box Boards, News Board, Manila Lined Chip Boards, Combination Boards & White Blanks)
Gardner-Harvey Paper Co. (Box Boards)
Gardner Paper Board Co. (Box Boards, etc.)
Oglesby W. B. Paper Co. (Writing, Bond Ledger, etc.)
Sorg Paul A. Paper Co. (Jute & Manila Rope Specialties, Tissues & White Wax)
Wardlow-Thomas Paper Co. (Rope & Jute Manila)
Wrenn Paper Co. (Blotting)
MUNROE FALLS—Munroe Falls Paper Co. (Carpet Lining, Express & Fireworks Paper, Deadening Felt & Roofing). Office: Massillon, O.
PIQUA—American Strawboard Co. (Straw, Combination & Pulp Lined Board, News & Chip Board). Office: Chicago, Ill.
RITTMAN—Ohio Box Board Co. (Box Boards All Grades, Including Patent Coated, Jute, Manila Lined, News Board). Office: Cleveland, O.
ROCKDALE—Sall Mountain Co. (Asbestos Paper & Boards)
SAINT MARYS—Auglaize Box Board Co. (Straw Board, Chip, News, Light Weight Corrugating Paper, etc.)
SANDUSKY—Hinde & Dauch Paper Co. (Light Strawboard & Corrugated Paper Specialties)
STEUBENVILLE—*Hartje Paper Mfg. Co. (Manila, News, Fibres, Carpet Lining, Building Papers, Mill Wrappers, Straw, Chip & Pulp Board, Specialties; No. 1 & No. 2 Waterproof Fibres, Butchers' Fibre, Butchers' Waterproof, Manila & Rosin-Sized Sheathing, also Ground Wood & Sulphite Fibre). Office: Pittsburgh, Pa.
TIPPECANOE CITY—American Straw Board Co. (Steam-Dried Straw Board, Extra Smooth; Match Box Board; Pulp Lined Board). Office: Chicago, Ill.
URBANA—Howard Paper Co. (Writing, Ledger & Specialty Bond)
WEST CARROLLTON—Miami Paper Co.
XENIA—Hagar Straw Board & Paper Co. (Light Straw Board, Straw Wrapping Tube, Egg Case & Corrugated). Mills, Cedarville, O.

OREGON.

OREGON CITY—*Crown-Willamette Paper Co. (Manila, Flaxina, Express, Bag, Fruit, Paraffine & Wrapping, also Ground Wood & Sulphite Fibre). Office: San Francisco, Cal.
Hawley Pulp & Paper Co. (Manila Wrapping & News)
WARRENDALE—*Crown-Willamette Paper Co. (Ground Wood & Paper). Office: San Francisco, Cal.

PENNSYLVANIA.

AMBLER—Keasbey & Mattison Co. (Asbestos Sheathing & Mill Board)
ATGLEN—Hults Ellsworth H., Jr. (Binders, Trunk, Box & Carriage Boards). Office: Phila., Pa.
AUSTIN—Bayless Mfg. Corp. (Pulp Paper)
BLOOMSBURG—Bloomsburg Paper Co.
BRIDGEPORT—Amboy Paper Co.
Diamond State Fibre Co. (Fibre Paper). Office: Elsmere, Del.
BUCK RUN—Nassau Mills Corp.
CHAMBERSBURG—United States Paper Mills.
CHESTER—Chester Paper Co. (Tissue)
Garrett E. (Fine Tissue, Manila, Colored)
CHESTERVILLE—See Landenburg, Pa.
COATESVILLE—Jessup & Moore Paper Co.
DOE RUN—Palmer Willis B. (Binders & Jacquard Boards)
DOWNINGTOWN—Guie Jas. & Sons (Mill (Wrappers)
EAST DOWNINGTOWN—Bicking S. Austin (Wrapping, Rosin-Sized Sheathing & Corrugated Wrapping)
Kerr Paper Mill Co. (Box, Binders & Tar Board)
EMIGSVILLE—National Roofing Co. (Roofing)
ERIE—Hammermill Paper Co. (Paper Pulp & Paper)
Watson H. F. Co. (Paper, Asbestos, etc.)
GLEN MILLS—Glen Mills Paper Co. (Vegetable Parchment, Music, Fibre & All Rag Specialties). Office: Phila., Pa.
HUNTINGTON MILLS—Mountain Paper Co. (See Wilkes-Barre)
JOHNSONBURG—*Highland Paper Co. (Dry Soda Fibre)
*New York & Pennsylvania Co. (Bond, White & Colored, Machine Finished & Super-Calendered Book, Cover, Envelope, Label, Lithograph, Railroad Manila & Writing, also Bleached Sulphite). Office: New York City
LANDENBERG—Lysle Wilson (Est. of) (Fibre Paper)
LANSDOWNE—Garrett Edwin T. Co. (Tissue, Manila & Railroad Copying)
LATROBE—Peters Paper Co. (Carpet Lining, Roofing & Sheathing)
LIGHTSTREET—Bloomsburg Paper Co. (Waterproof, Blasting & Cartridge Paper)
LITITZ—Consumers' Box Board & Paper Co. (Tissues, Sheets & Rolls)
LOCK HAVEN—*New York & Pennsylvania Co. (Bag, Express, Fibre, Hardware, Press Board, Writing Book, Parchment, Cover, Manila, Coating & Specialties, also Soda Fibre). Office: New York City
MODENA—Megargee Paper Mills (All Rag Waterleaf for Parchmentizing & Vulcanizing)
MONONGAHELA—Union Paper Mill Co.
NEW CASTLE—New Castle Paper Mills
NEW HOPE—Union Mills Paper Mfg. Co. (Building & Manila Rope for Insulating)
NORRISTOWN—Norristown Magnesia & Asbestos Co. (Asbestos, Wool Felt & Sheathing)
NORTH WATER GAP—*Analomink Paper Co. (Manila, Fibre & Colored Specialties, also Ground Wood & Sulphite Fibre)
PENNSBURG—Perkiomen Paper Co. (Binders, Trunk & Box Boards)
PHILADELPHIA—Baeder, Adamson & Co. (Manila for Own Use in Making Sand Paper), Richmond & Allegheny.
Bicking Paper Co. (Mill Wrappers & Box Boards), 111 N 2nd
Cherry River Paper Co. (Manila, White & Colored Specialties; also Sulphite Pulp), Penna. bldg. Mills: Richwood, W. Va.
Considine Norbert A. (Wood Engravings, Zinc Etchings, Halftones, Envelope Paper, etc.), North American bldg.
*Dill & Collins Co. (Book & Surface Coated, High Grade Machine Finish, Super-Calendered Book & Surface Coated Papers for Printing from Half-Tone Engravings, Color Plates, Aluminum & Lithographic Stone), 140 N 6th
Garrett C. S. & Son Co. (Hanging, Card Middles & Fibre, Machine Finished Book), 20 S Marshall
Glen Mills Paper Co. (Vegetable Parchment, Music, Fibre and All Rag Specialties), Stephen Girard bldg. Mills, Glen Mills, Pa.
Hults Ellsworth H., Jr. (Binders, Trunk, Box & Carriage Boards), 28 S 6th. Mills: Atglen, Pa.
Jessup & Moore Paper Co. (Book Paper & Soda Fibre), Commercial Trust bldg
Lang John Paper Co. (Roofing, Saturating & Deadening Felts), 24th & Vine
McDowell Paper Mills (Colored & Hercules Fibre, Drug, Book, Bag, Manifold, Heavy & Light Weight Colored Specialties of All Kinds), Main & Levering
Mann Wm. Co. (Railroad Copying & Manifold Papers), 529 Market. Mills. Lambertville, N. J.
Marley Mill Corp., 122 S 13th
Moorhouse R. T. (White & Colored Machine Finished & Super-Calendered Book, Colored Cover, Manila, Poster, News, Wrapping & Colored Specialties) 2655 Bridge, Bridesburg
*National Metal Edge Box Co. (Jute Folding Box Boards; also Ground Wood), 1217 Callowhill. Mills: Readsboro, Vt.
*Nixon Martin & Wm. H. Paper Co. (Book, Colored, Specialties & Felt Hangings, also Soda Fibre), 1011 Chestnut

PENNSYLVANIA—Philadelphia—cont'd.
Parsons Pulp & Lumber Co., Finance bldg. Mills: Parsons, W. Va.
Philadelphia Paper Mfg. Co. (Box Boards), River Road
York Haven Paper Co., Land Title bldg. Mills: York Haven, Pa.
PITTSBURGH—*Hartje Paper Mfg. Co. (Manila News, Fibres, Carpet Lining, Building Papers, Mill Wrappers, Straw, Chip & Pulp Boards. Waterproof Fibres, Butchers, Waterproof Manila & Rosin Sized Sheathing; also Ground Wood & Sulphite Fibre), 113 Wood. Mills: Steubenville, O.
Tarentum Paper Mills (Rope & Express Wrapping), 2d National Bank bldg. Mills, Tarentum, Pa.
PITTSTON—Lehigh Paper Mills, Inc.
READING—Reading Paper Mills (Book, Plate, Manila & Rope; Plate & Coated Papers, also Rope Papers for Paper Purposes)
ROARING SPRING—*Bare D. M. Paper Co. (Super-Calendered & Machine Finished Book, Lithograph, White Flats & Mimeograph; also Soda Fibre)
SCRANTON—Cherry River Paper Co.
SPRING GROVE—*Glatfelter P. H. Co. (Machine Finished & Super-Calendered Book & Writing, Label, Bond & Blank Book Papers, Varnish Label Papers, Music, Writing & Blank Book Papers a Specialty; also Soda Fibre)
TARENTUM—Tarentum Paper Mills (Rope & Express Wrapping). Office: Pittsburgh, Pa.
TYRONE—*West Virginia Pulp & Paper Co. (Super-Calendered & Machine Finished Book, Lithograph & Varnish Label, White Writing, Blank Book Tablet, also Soda Fibre), Office: New York City
UPPER DARBY—Keystone Paper Mills Co.
WILKES-BARRE—Mountain Paper Co. Mills: Huntington Mills, Pa.
WILLIAMSBURG—*West Virginia Pulp & Paper Co. (Writing, Book & Specialties, also Soda Fibre), Office: New York City
YORK—Certain-teed Products Corp. (Saturating Felts)
Schmidt & Ault Paper Co. (Manila, Sheathing, Carpet Lining & Bogus)
Springets Mills
York Paper Mfg. Co.
YORK HAVEN—*York Haven Paper Co. (Colored Fibre, Light & Dark Express, Waterproof Building, Roofing & Insulating & "X Loid" Prepared Roofing Paper, also Ground Wood & Sulphite Fibre). Office: Phila.

RHODE ISLAND.

PAWTUCKET—National Coated Paper Corp. (Surface Coated Paper, Cardboard, Glazed Paper, etc)
PHILLIPSDALE—Phillipsdale Paper Mill Co. (Roofing Paper)

SOUTH CAROLINA.

HARTSVILLE—*Carolina Fibre Co. (Colored Wrapping & Water Finish Fibre, also Ground Wood & Sulphite Fibre)

TENNESSEE.

MEMPHIS—Tennessee Fibre Co. (Cotton Hull Fibre, Dry)

TEXAS.

DALLAS—Fleming John G. & Son (Butchers' Manila & Straw, No. 2 Manila, Rag Wrapping, Roofing & Sheathing)
ORANGE—*Yellow Pine Paper Mill Co. (Fibre Hardware, Express, Colored & Bag, also Soda Fibre)

VERMONT.

BELLOWS FALLS—Blake & Higgins (Manila)
Flint, Wyman & Sons Co. (Manila)
*International Paper Co. (News, Manila, Card Boards, Card Middles & Specialties, also Wood & Sulphite Fibre), Office: New York
Moore John T. & Son (Manila & Envelope)
Moore & Thompson Paper Co. (Manila Wrapping, Railroad Manila, Coating, Envelope & Wax)
Robertson Paper Co. (Envelope Manila, Railroad & Telegraph Writing, Parchment Writing & Waxed Manilas & Tissues, All Grades, Weights & Colors in Waxed Papers, Biscuit, Bakers' & Packers' Papers a Specialty)
BENNINGTON—Bennington Wax Paper Co. (Waxed Paper)
BRATTLEBORO—Vinton Wm. H. & Son (Blotting & Matrix)
EAST RYEGATE—*Ryegate Paper Co (News, also Ground Wood)
FITZDALE—Fitzdale Paper Co. (Newspaper, etc.)
MIDDLEBURY—*Green Mountain Pulp Co. (Ground Wood)
MILTON — *International Paper Co. (Ground Wood)
NORTH BENNINGTON—Stark Paper Co. (Hanging)
PASSUMPSIC—Passumpsic Fibre Leather Co. Leather (Heeling Board)
PUTNEY—Cole Wm. A. Paper Co. (Manila Tissue & "Eagle Mills" Brand of Tissue Toilet)
Robertson's Wm. Sons (White & Colored Tissues, Cotton Batting Paper, Napkin Paper, Fruit & Bottle Wrappers)
READSBORO—*National Metal Edge Box Co. (Jute Folding Box Boards, also Ground Wood), Office. Phila., Pa.
ST. JOHNSBURY CENTER—Pierce Bros. (Leather Board)
SHELDON SPRINGS—*Missisquoi Pulp & Paper Co. (Ground Wood)
WELLS RIVER—Adams Paper Co. (Manila Tissue, Anti-Tarnish Tissue & Toilet)
WEST DERBY—*Clyde River Pulp Co.
WILDER—*International Paper Co. (High Grade News, also Ground Wood), Office: New York City
WILMINGTON—*Deerfield Lumber Corp. (Ground Wood)

VIRGINIA.

BIG ISLAND—*Bedford Pulp & Paper Co. (Manila, News, Hanging, Drawing & Poster, also Ground Wood), Office: Richmond, Va.
BRISTOL—Columbian Paper Co. (Soda Fibre)
BUENA VISTA—*Columbian Paper Co. (Card for Coating & Lithographing & Flat Writing, also Soda Fibre)
COLEMANS FALLS—Bedford Pulp & Paper Co. (Ground Wood), Office: Richmond, Va.
COVINGTON—*West Virginia Pulp & Paper Co. (Super-Calendered & Machine Finished Book, Lithograph & Varnish Label, also Bleached Sulphite Fibre), Office: New York
PORTSMOUTH—Southern Fibre Co. (Pulp & Wrapping Paper)
RICHMOND—Albemarle Paper Mfg. Co. (Blotting Paper Only)
Bedford Pulp & Paper Co. (Ground Wood)
Halifax Paper Corp. Mills: Roanoke Rapids, N. C.
Manchester Board & Paper Co. (Box Board & Mill Wrappers)
Richmond Paper Mfg. Co. (Blotting, "Climax," "Star" & Enameled Blotting)
Standard Paper Mfg. Co. (Blotting Paper Only)
See adv index at end of book
WEST POINT—Chesapeake Pulp & Paper Co.
WINCHESTER—American Straw Board Co.

WASHINGTON.

CAMAS—Crown Willamette Paper Co.
EVERETT—*Everett Pulp & Paper Co. (Machine Finished & Super-Calendered Book, Varnish Label, Chemical, Railroad Writing, Bond & Cartridge, also Soda Fibre), Office: Lowell. Wash.

WEST VIRGINIA.

DAVIS—*West Virginia Pulp & Paper Co. (Bleached Sulphite Fibre), Office: New York City
HALLTOWN—Halltown Paper Board Co. (Chip Boards, Milled, Lined & Plain)
HARPERS FERRY—*Harpers Ferry Paper Co. (Ground Wood)
*Shenandoah Pulp Co. (Ground Wood)
PARSONS—*Parsons Pulp & Lumber Co. (Tag Stock, Silk Wrappers & Specialties, Bleached & Unbleached Sulphites), Office: Phila., Pa.
PIEDMONT—*West Virginia Pulp & Paper Co. (Ground Wood), Office: New York City
RICHWOOD—Cherry River Paper Co. (Manila, White & Colored Fibres & Specialties, also Sulphite), Office: Phila., Pa.
WELLSBURG George S .Co. (Paper & Cement, Flour & Lime Bags)
George & Sherrard Paper Co.
Harvey Paper Co., Rope, Jute & Bogus)

WISCONSIN.

APPLETON—Appleton Coated Paper Co.
*Appleton Paper & Pulp Co. (Ground Wood)
Boyd C. Paper Co.
Fox River Paper oC. (Book, Bond, Linens, Lithograph, Typewriter, Superfine & Fine Writing & Engine-Sized Flats, No. 2 Ledger, Map, Drawing, Folded & Rule)
*Interlake Pulp & Paper Co. ("Mitscherlich" Process Sulphite Fibre & Ground Wood)
Kimberly-Clark Co. (Super-Calendered Book Manila & Fibre, Envelope, Writing & Railroad Manila), Office: Neenah, Wis.
*Patten Paper Co. (Book & News, also Ground Wood)
Pulp Wood Co.
Riverside Fibre & Paper Co. (Bonds & Ledger, also Bleached & Unbleached Sulphite Fibre)
Thilmany Pulp & Paper Co., Wisconsin Tissue Div. (Light Weight)
ASHLAND—Ashland Paper Co. (Papers)
*Menasha Paper Co. (Sulphite Fibre), Office: Ladysmith, Wis.
BELOIT—Beloit Box Board Co. (Roofing, Building, Box & Straw Board)
BROKAW—*Wausau Poper Molls Co. (All Grades of Fibre & Manila, also Ground Wood & Sulphite Fibre)
COMBINED LOCKS—*Combined Locks Paper Co. (News, also Ground Wood & Sulphite Fibre)
CORNELL—Cornell Wood Products Co. (Wall Boards, etc.)
CRIVITZ—*Crivitig Pulp & Paper Co. (Ground Wood)
DE PERE—American Writing Paper Co. (Writing, Loft-Dried & Machine-Dried Bonds, Linens & Ledgers), Office: Holyoke, Mass.
EAU CLAIRE—*Dells Paper & Pulp Co. (Manila, Fibre, Novel & News, also Ground Wood & Sulphite Fibre)
GRAND RAPIDS—*Centralia Pulp & Water Paper Co. (News, also Ground Wood)
*Consolidated Water Power & Paper Co. (Lining, Novel, Special Print, Hanging, Book, Railroad Writing & Specialties, also Ground Wood)
GREEN BAY—*Green Bay Paper & Fibre Co. (Sulphite Fibre)
Hoberg John Co. (White, Manila & Colored Tissue, Paper Napkins, Fruit Wrappers, Roll & Package Toilet Paper, Cotton Batting, Excelsior Tissue Pads & Printed Tissues & White Sulphite Fibre Papers)
Northern Paper Mills (Toilet Tissue & Catalogue, Light Weight Book, Sanitary Automobile Toilet Service, "Northern" & "Pedro" Toilet Papers)
KAUKAUNA—*Kaukauna Pulp Co.
*Lindauer Pulp Co. (Ground Wood)
*Outagamie Paper Co. (No. 1 Rag Print, also Ground Wood)
*Thilmany Pulp & Paper Co. (Tissue, Poster, Catalogue, Pattern, Cover & Wrapping, also Ground Wood)
*Union Bag & Paper Corp. (Manila & Bag Paper, also Ground Wood), Office: New York City

KIMBERLY—*Kimberly-Clark Co. (Book & Wrapping, also Sulphite Fibre), Office: Neenah, Wis.
LADYSMITH—*Menasha Paper Co. (News, Manila & Catalogues, also Ground Wood)
LITTLE CHUTE—Little Chute Paper & Fibre Co.
LITTLE RAPIDS — *Lindauer-O'Connell Co.
MARINETTE—*Marinette & Menominee Paper Co. (News & Minala, also Ground Wood & Sulphite Fibre)
MENASHA—Gilbert Paper Co. (Bond, Ledger & High Grade Writing)
*Island Paper Co. (White & Colored Fibre, also Sulphite Fibre)
Lakeside Paper Co. (High Grade Lightweight Specialties) z
Menasha Printing Co. (Paper Mill)
Strange John Paper Co.
Whiting Geo. A. Paper Co. (Book, Colored Laid Writing, Telegraph & Parchment, Manila & Brench Folios, Antique Laid & Egg Shell)
MERRILL—*Grandfather Falls Co. (News, Hanging, Tablet & Novel, also Ground Wood)
MILWAUKEE—Hummel & Downing Co. (Combination Boards), N Cambridge av
John H. W.-Manville Co. (Asbestos & Building Felts)
See adv index at end of book
MOSINEE—Wausau Sulphate Fibre Co. (Sulphite Fibre)
NEENAH—Bergstrom Paper Co. (Super-Calendered & Machine Finished Book & Cover)
Kimberly-Clark Co. (Colored Fibres, Book, Railroad Manilas & Book)
Lakeside Paper Co.
Neenah Paper Co. (Lofe Dried Bonds & Ledgers)
Wisconsin Pulp Wood Co.
Wisconsin River Paper & Pulp Co.
NEKOOSA—Nekoosa-Edwards Paper Co.
NIAGARA—*Kimberly-Clark Co. (News & Manila, also Ground Wood & Sulphite Fibre), Office: Neenah, Wis.
OCONTO FALLS—*Falls Mfg. Co. (Manila & Fibre, also Ground Wood & Sulphite Fibre)
*Union Mfg. Co. (Ground Wood)
PARK FALLS—*Flambeau Paper Co. (Hanging, No. 1 News & Novel, also Ground Wood)
PORT EDWARDS—Johns H. W.-Manville Co. (Asbestos & Building Felts)
Nekoosa-Edwards Paper Co. (News, Manila & Fibre; also Ground Wood & Sulphite Fibre)
RHINELANDER—*Rhinelander Paper Co. (News, also Ground Wood & Sulphite Fibre)
ROTHSCHILD—Marathon Paper Mills Co. (Fibre Wrapping, Tag, Manila, Bristols, Bonds, Machine Glazed Paper, also Specialties, Ground Wood, Sulphite & Bleached Sulphite Pulp)
SHAWANO—*Wolf River Paper & Fibre Co. (Fibre & Minila Wrapping, also Ground Wood & Sulphite Fibre)
STEVENS POINT—Whiting-Plover Paper Co. (Fine Writing Papers, etc.)
*Wisconsin River Paper & Pulp Co. (News & Hanging, also Ground Wood), Office: Neenah, Wis.
STILES—Edred Anson Co. (Ground Wood)
TOMAHAWK—*Tomahawk Pulp & Paper Co. (Roll News, also Ground Wood)

10739— Papier Mache Mfrs.

American Art Papier Mache Works, Irving Park bldg, Chicago, Ill.
Berger H. Sons, 346 E 34th, New York
Decorators' Supply Co., Archer av & Leo, Chicago, Ill.
De Planque F. R. & Son, 1349 Ridge av, Phila., Pa.
Dini Geo. L., 483 Baltic, Brooklyn, N. Y.
Emmel Chas. & Rose Co. (Architectural), 383 Albany, Boston, Mass.
Emmel Co., 81 Bristol, Boston, Mass.
Klee-Thomson Co., 327 E. 40th, New York
Old King Cole Papier Mache Co., Canton, Ohio
Plastic Relief Mfg. Co., 949 N Halsted, Chicago, Ill.
Pride, Willis A., 43 Bristiol, Boston, Mass.
Tognarelli & Voigt, 1743 N 12th, Phila., Pa.
Van Malderen F., 5th & Jumonville, Pittsburgh, Pa.

10739a— Para-amidophenol

Chemical Co. of America, Inc., 28 Platt, New York.
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York.
Rector Chemical Co., Inc., 2 Rector, New York.

10740— Parallels (Planer)

STARRETT L. S. CO. (THE), (Adjustable, Athel, Mass.
See adv index at end of book
Walker O. S. Co., Worcester, Mass.

10741— Paranitraniline

Butterworth-Judson Corp., 61 Broadway, New York.
Chemical Co. of America (Mfrs.), 28 Platt, New York
National Aniline & Chemical Co., Inc., (Mfrs.), 21 Burling Slip, New York.
Nitrated Chemicals Co., Inc., Lorain, O.
Sherwin-Williams Co., 610 Canal rd, N W, Cleveland, O.
White John J., Inc., New Brunswick, N. J.

10741a— Para-Nitrophenol

Rector Chemical Co., Inc., 2 Rector, New York.

10741b—Paraphenelendiamine

Chemical Co. of America (Mfrs.) 28 Platt, New York.
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York.
Nitrated Chemical Co., Inc., Lorain, O.

10741b— *Parcel Carriers

Estes, E. B. & Sons, 364 Fifth av, New York *See adv index at end of book*

10742—Parers (Fruit & Vegetable)

See also Apple Paring Machine

American Machinery Co. ("American," Vegetable), 120 Callowhill, Phila., Pa.
Boutell Mfg. Co., Rochester, N. Y.
Catawissa Specialty Mfg. Co. (Vegetable), Catawissa, Pa.
Central Stamping Co. (Apple), 172 Fulton, New York
Goodell Co. ("Bonanza," "Dandy," "Ranger," "Eureka," "Power," "New Century," "White Mountain," "98 Turntable," "Lightning," "Bay State"), Antrim, N. H.
Hamblin & Russell Mfg. Co. ("O. K.," "Quick," "Universal" for Apples, Potatoes, etc.), Worcester, Mass.
Hudson Parer Co. ("Little Star," "Rocking," "Daisy"), Leominster, Mass.
Imperial Machine Co. ("Victoria" Vegetable Machine), 366 Broadway, New York
Kelso & Co. (Apple, etc.), 559 W Quincy, Chicago, Ill.
Parker Wire Goods Co. (Hand, Apple, Potato, etc.), Worcester, Mass.
Penn Hardware Co. ("Pen-Perfect" Apple), Reading, Pa.
Reading Hardware Co. ("Apple"), Reading, Pa.
Reinbold Mfg. Co., 139 Beaubien, Detroit, Mich.
Sayre L. A. Co. (Apple & Peach Rotary Knife), 332 Mulberry, Newark, N. J.
Sinclair-Scott Co. (Fruit), Wells & Patapsco, Baltimore, Md.
Streeter & Co., N. R., 220 N Water, Rochester, N. Y.
White Ira F. & Son Co. ("California," Potato, etc., with Eye Extractor), Bloomfield, N. J.

10743— Parers (Hoof)

Brooklyn Tool Co., Brooklyn, Ind.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Champion Tool Co. ("Champion," "Our Pride" Ball Bearing), Meadville, Pa.
Heller Bros. Co. ("Easy Cutting," etc.), 879 Mt. Prospect av, Newark, N. J.
Jones Eli & Sons ("Jones"), Luverne, Minn.
Leavitt Mfg. Co. ("Samson"), Urbana, Ill.
Lowe Mfg. Co. ("Wagner & Lowe"), Enderlin, N. D.
Sargent & Co., New Haven, Conn.
Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.

Paris Black

See Carbon Black Mfrs.

10744— Paris Green

Barry E. J. (Jobbers), 29 Cliff, New York
Corona Chemical Co., 213 Lake, Milwaukee, Wis.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Cleveland, New York and Philadelphia
Lavanburg Fred. L., 100 William, New York
Miller Jos. B., Finance bldg, Phila, Pa.
Pfeiffer Color Co., 100 William, New York

Paris White

See Whiting & Paris White Mfrs.

Park Furniture

See Settees, Various Kinds; also Fountains, Vases, Etc, also Rustic Work; also Swings, Lawn

10744a— Parlodion

Du Pont Chemical Works, 120 Broadway, New York

Partitions (Flexible)

See Partitions, Wood Rolling

10745— *Partitions (Inside)

Page Steel & Wire Co., Adrian, Mich.
See adv index at end of book

10746— Partitions (Steel)

Carpenter R. F. Mfg. Co. ("Sanymetal" Toilet Partitions), Cleveland, O.
Cyclone Fence Co., Waukegon, Ill.
DAHLSTROM METALLIC DOOR CO. (Hollow-Metal "Dahlstrom" Quality, artistically finished, sanitary & fireproof), 35 Blackstone av, Jamestown, N. Y. *See adv index at end of book*
Detroit Steel Products Co., Detroit, Mich.
Dexter Metal Mfg. Co. (Tool Room), 93 Arch, Camden, N. J.
Hughes-Keenen Co. (Pressed Steel Toilet Partitions), Mansfield, O.
Lightwell Steel Sash Co., Wilmington, Del
Lupton's David Sons Co., Mystic bldg, Detroit, Mich.
Lyon Metallic Mfg. Co. ("Lyon" Sectional Enclosure), Aurora, Ill.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Solar Metal Products (Inc.), Columbus, O.
Tyler W. S. Co. (Also Wire), Cleveland, O.
See adv index at end of book
Weis Henry Cornice Co., Kansas City, Mo.
Zahner Metal Sash & Door Co. (Hollow Steel Adjustable), Canton, O.

10747—*Partitions (Steel Rolling).

EDWARDS MFG. CO., Cincinnati, O.
See adv index at end of book
Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn.
See adv index at end of book
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book

10748—Partitions (Stock Room)

Cyclone Fence Co., Waukegan, Ill.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Lyon Metallic Mfg. Co. ("Lyon" Steel), Aurora, Ill.
Shawmut Iron & Wire Works, Everett, Mass.

10748a—*Partitions (Wire)

Tyler W. S. Co., Cleveland, O.
See adv index at end of book

10749—Partitions (Wood Rolling)

American Sash & Door Co., Kansas City, Mo.
Curtis Bros. & Co., Clinton, Ia.
Folding Partition Co. (Wood Folding for Public Buildings, Schools, Bungalows, etc), 200 Broadway, New York

PARTITIONS (WOOD ROLLING)—cont'd.
Grant Pulley & Hardware Co. (Horizontal), 101 Park av, New York
Kinnear Mfg. Co., Columbus, O.
Monroe Screen Blind & Partition Co. ("Monroe" Improved), Lima, O.
Union Blind & Ladder Co., Oakland, Cal.
Variety Mfg. Co., 2958 Carroll av, Chicago, Ill.
Wilson J. G. Corp'n, Chief Office: 8 W 40th, New York. Mills & Factory: Norfolk, Va.

10750—Parts (Adding Machine)

Nichols W. H., Waltham, Mass.

10751— Paste

See also Soldering Paste, Salts & Sticks
American Hominy Co. (Flour), Indianapolis, Ind.
Arabol Mfg. Co. ("Tinnol" Bottlers, Canners, etc), 100 William, New York
Bankers' Ink Co. (Library), Kansas City, Mo.
Boettiger & Co. (Plumbers), Erie, Pa.
Boston Paste Co. ("Noah's" Machine Paste), 81 Traverse, Boston, Mass.
Buckeye Paste Co. (Carriage Trimmers), 270 S Wall, Columbus, O.
Carter's Ink Co. (Office), E Cambridge, Boston, Mass.
Chapman & Smith Co. (Almond), 1017 Washington blvd, Chicago, Ill.
Clark Paper & Mfg. Co. ("Spon-Tem"), Rochester, N. Y.
Climax Cleaner Mfg. Co., Cleveland, O.
Commercial Paste Co., Hoster & High, Columbus, Ohio
Continental Mfg. Co. ("Willstick," Photographers "Continental" Brewers), 4611 Girard, Phila., Pa.
Crystal Springs Paste Co. (Flour, for Paper Hangers, Bookbinders, Shoe & Box Mfrs., etc.), 70 Kilby, Boston, Mass.
Davis Thaddeus Ink Co. (Office), 97 Vandam, New York
Davis Wm. A. Co. ("U. S. Treasury" Library), 40 Batterymarch, Boston, Mass.
Devoe F. W. & C. T. Raynolds Co., Inc. (Photographers), 101 Fulton, New York.
Diamond Ink Co. (Office), 192 E Water, Milwaukee, Wis.
Diamond Paste Co. (All Kinds), Albany, N. Y.
Fort Pitt Oil & Paint Co. (Anti-Rust), 3209 Liberty av, Pittsburgh, Pa.
FOX M. EWING CO., ("Foxpaste," in Dry Powder Form), 241 E 136th, New York *See adv index at end of book*
Fuller H. B. Co. ("Fullers" Cold Water, Dry), 188 W. 3d, St. Paul, Minn.
General Adhesive Mfg. Co., Inc. (Machine Label), 469 Greenwich, New York.
Higgins Chas. M. & Co. (Office), 271 9th, Brooklyn, N. Y.
Indianapolis Paste Co., Indianapolis, Ind.
Keller Robt. Ink Co. (Office), 523 Fort, W., Detroit, Mich.
Kleinbeck C. H. Co. (Caramel), Geneva, Ill.
Levison & Blythe Mfg. Co. (Library), 209 Locust, St. Louis, Mo.
Lincoln Feed & Fuel Co. (Paper Hangers), Lincoln, Neb.
Michigan Paste & Mfg. Co. ("Perfection"), 711 Fort, W, Detroit, Mich.
National Gum & Mica Co. ("Yankee" Cold Water Paste Powder), 59th & 11th av, New York
National Insulating & Mfg. Co. ("Holdfast"), Indianapolis, Ind.
Pawtucket Mordant Co. (Textile Finishing), Pawtucket, R. I.
Pecora Paint Co., 4th & Sedgley av, Phila., Pa.
Pomeroy Ink Mfg. Co., 55 E Park, Newark, N. J.
Providence Drysalters Co. (Textile Finishing), 86 Weybosset, Providence, R. I. Works: East Greenwich, R. I.
Providence Sizing Co. (Textile Finishing), Cranston, R. I.
Quill & Co., 436 Aberdeen, Chicago, Ill.
Sanford Mfg. Co. ("Sanford," Office & Library), Congress & Peoria, Chicago, Ill.
Schmeer's Paper Box Co. ("Syracuse"), Syracuse, N. Y.
Schweitzer Samuel (Flour), 660 W Lake, Chicago, Ill.
Silberstein A. L. (Razor), 600 W 157th, New York
Stafford S. S. (Library), 609 Washington, New York
Starbuck R. M. & Sons (Plumbers), Hartford, Conn.
Swearingen J. C. Ink Co. (Library), 222 Wick, Pittsburgh, Pa.
Tacks Mfg. Co. (Bottlers, etc), Utica, N. Y.
Thomas L. H. Co. ("Snow Flake," Library), W Congress & S Peoria, Chicago, Ill.
Weis Mfg. Co. (Library), Monroe, Mich.
Wood & Selick (Almond), 36 Hudson, New York
Woodmansee F. A. ("Woodmansee." Office & Library), 117 E Pearl, Cincinnati, O.

10752— Paste (Calking)

Weatherproof Calking Co. ("Hennen's" Elastic, for Calking Windows, etc in Houses), Minneapolis, Minn.

10753— Paste (Canners', Etc.)

Arabol Mfg. Co. (Paste Powder & Tinnol Paste), 100 William, New York
Burt Machine Co., 403 E. Oliver, Baltimore, Md.
Continental Mfg. Co. ("Continental"), 4611 Girard, Phila., Pa.
Electric Cleanser Co., Canton, O.
Fales W. H. Co. (Sales Agent), 62 Maiden la, New York
Indianapolis Paste Co., Indianapolis, Ind.
National Gum & Mica Co., 59th & 11th av, New York
Schweitzer Samuel, 660 W Lake, Chicago, Ill.
Stricker Henry H. & Co., 604 W Pratt, Baltimore, Md.
Tacks Mfg. Co., Utica, N. Y.

10754— Paste (Caramel)

Kleinbeck C. H. Co., Geneva, Ill.

10755—Paste (Carriage Trimmers')

Buckeye Paste Co., 270 S Wall, Columbus, O.

10756— Paste (Emery)

Burns E. Reed, 27 Jackson, Brooklyn, N. Y.
General Plasters Supply Co., 489-493 Broome, New York.
Jackson Mills Emery Co.; Easton, Pa.

10757— Paste (Library)

Dennison Mfg. Co., 26 Franklin, Boston, Mass.
National Gum & Mica Co., 59th & 11th av, New York.

10758— Paste (Pipe Joint)

Hosmer G. A. Co., 375 Ellicott, Buffalo, N. Y.
Thread-Tight Co., 288 Bowery, New York

10759-60—Paste (Plumbers')

Starbuck R. M. & Sons, Hartford, Conn.

Paste (Soldering)

See Soldering Flux, Paste, etc.

10761—Pasteurizers (Cider, Etc.)

Hydraulic Press Mfg. Co., Mt. Gilead, O.

10762—Pasteurizers (Milk, Etc.)

Burrell D. H. & Co. ("Simplex" Holder Internal Tube & Long Distance Flow & "Simplex" Spray Vat; also Simplex Tank Pasteurized), Little Falls, N. Y.
Climax Machinery Co., Indianapolis, Ind.
Kauffman Pasteurizer Co., Three Rivers Mich.
Ladd John W. Co., Detroit, Mich.
Ladewig Stock Co., Waukesha, Wis.
Miller Pasteurizing Machine Co., Canton, Ohio
Mohr John & Sons, 349 W Illinois, Chicago, Ill.
Reid A. H. Creamery & Dairy Supply Co ("Reid"), 69th & Haverford, Phila., Pa.

10763—Pasteurizers (Portable)

U. S. Bottlers' Machinery Co. ("Ideal" for Catsup, Tomato Pulp, etc.), 1033 W Lake, Chicago, Ill.

10764— Patches (Tube)

Empire Tire & Rubber Co. ("Empire"), East Trenton, N. J.

10765—*Patent Leather Solutions

Du Pont Chemical Works, 120 Broadway, New York.

10766— *Patented Articles

SPENCER'S I. S. SONS (INC.), (For Owners & Inventors), Guilford, Conn.

10767—Pattern Making Outfits

Benskin Mfg. Co., Canton, O.

Pattern Plates

See Plates, Match

10768— Patterns (Metal)

See also Patterns & Models
Brost Pattern Wks., 5122 St. Clair, Cleveland, O.
Corbett-Steeves Pattern Works (Foundry), Rochester, N. Y.
Farrar & Threfts, Inc., Buffalo, N. Y.
Maumee Malleable Castings Co., Toledo, Ohio.
Monarch Pattern Wks., 180 Russell, Detroit, Mich.
Standard Pattern Works, 5332 St. Clair av, Cleveland, O.
Wallace J. D. & Co., 1401 W Jackson blvd, Chicago, Ill.
Youngstown Pattern Wks., Youngstown, O.

10769— Patterns (Shoe)

Bourque & Sears, Haverhill, Mass.
Brown & Hutchinson, Haverhill, Mass.
Hayden Samuel H., Haverhill, Mass.
Holden & Quick, 120 Centre, New York
Olden's Geoffrey J. Son, 16 Spruce, New York
Plumstead Harry T., Haverhill, Mass.

10770— Patterns & Models

Abendroth & Root Mfg. Co., Newburgh, N. Y.
Acme Pattern Works (Wood & Metal), 11 Woodbridge, W. Detroit, Mich.
Acme Pattern & Machine Co., Buffalo, N. Y.
Acme Steel & Malleable Iron Works, 245 Military rd, Buffalo, N. Y.
Adamson Machine Co., Akron, O.
See adv index at end of book
Allen Geo. R. (Metal or Wooden, for Machine & Casting Works, 13th & Buttonwood, Phila., Pa.
Allison R. W., Dayton, O.
American Machine Works (Wood & Metal), Omaha, Neb.
American Pattern Co., 3336 Market, Phila., Pa.
American Pattern Mfg. Co., Youngstown, O.
American Pattern Works (Wood & Metal), Dubois & Clay, Detroit, Mich.
Ames B. C. Co. (Models & Experimental Work), Waltham, Mass.
Anderson Eric J., Hartford, Conn.
Art Pattern Works (Wood & Metal), 121 Lafayette av, Detroit, Mich.
Austin F. A. Pattern Co., Syracuse, N. Y.
Baker James M. (Wood), 114 W Exchange, Providence, R. I.
Barth Mfg. Co. (Metal), Milwaukee, Wis.
Bascom & Co., Troy, N. Y.
Bassett Pattern Works (Wood & Metal), 62 Central av, Cincinnati, O.
Beach Fred. F. (Wood & Metal), Bridgeport, Conn.
Belcher Malleable Iron Co. (Metal), Easton, Mass.
Bemis A. L., Worcester, Mass.
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Blair Tool & Machine Works, 521 Greenwich, New York
Bridgeport Pattern & Model Co., Bridgeport, Conn.
Brost Pattern Works (Wood & Metal), 5122 St. Clair av, Cleveland, O.
Bruce Pattern & Mfg. Co., Birmingham, Ala.
Buckeye Engine Co. (Wood), Salem, O.
Buffalo Gear & Pattern Works (Gear Patterns Cut by Machinery), 18 Elk, Buffalo, N. Y.
Buffalo Pattern Works (Wood & Metal Patterns), 830 Hertel av, Buffalo, N. Y.

Butt Herbert G., 352 Atlantic av, Boston, Mass.
Cahill W. S. Co., ft Webster, Baltimore, Md.
Caldwell E. R. & Co. (Wood & Metal), Bradford, Pa.
Calhoun Pattern Foundry & Machine Co., Houston, Texas
Canton Malleable Iron Co. (Brass), Canton, O.
Canton Pattern & Mfg. Co. (Metal & Wood), Canton, Ohio.
Carley C. R. (Patterns), 318 E Water, Syracuse, N. Y.
Carolus Mfg. Co., Sterling, Ill.
Central Machine Works, 12th & Tyler, St. Louis, Mo. *See adv index at end of book*
Cheney S. & Son, Manlius, N. Y.
Cincinnati Pattern Works (Wood & Metal), Front & Lawrence, Cincinnati, O.
Clark Cadle Harmon Corp. (Metal), Rochester, N. Y.
Cleveland Castings Pattern Co. (Wood & metal, 1930 E 61st, Cleveland, O.
Cleveland Metal Pattern Co. (Metal Patterns), 728 Frankfort av, Cleveland, O.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Cobb & Jenkins, 380 Atlantic av, Boston, Mass.
Collamer Machine Works, 1214 E 152d, Cleveland, Ohio
Colson F. A. Pattern Works (Wood & Metal), Buffalo, N. Y.
Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
Cope Pattern Works (Wood & Metal), Detroit, Mich.
Crooks Pattern Works (Wood & Metal), 955 Cleveland av, Columbus, O.
Cumberland Foundry & Mfg. Co. (Metal & Wood), Nashville, Tenn.
Cushman Pattern & Model Works, Houston, Texas
Davison, Namack Foundry Co. (Wood & Metal), Ballston Spa, N. Y.
Detlaff A. J. Co., Detroit, Mich.
Detroit Pattern Works, 110 St. Antione, Detroit, Mich.
Duemer Louis, Hamilton, Ohio
Eagle Mfg. Co., Blue Rock & Turrill, Cincinnati, O.
Eastern Pattern Works. Detroit, Mich
Ellison Brass Mfg. Co., Jamestown, N. Y.
Elmes Chas. F. Engineering Works ("Wooden"), cor. Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
Estes E. B. & Sons (Wood for Various Purposes), 364 5th av, New York
See adv index at end of book
Elnon-Evans Mfg. Co. (Patterns Only), N 15th & Clearfield, Phila., Pa.
Farrar & Threfts Inc., Buffalo, N. Y.
Flint Electric & Mfg. Co., Denver, Colo.
Fogg A. A. (Metal Patterns), Meriden, Conn.
Forster John G., Indianapolis, Ind.
Frankham Wm. Brass & Bronze Co. (Metal), Canton, O.
Freeman Pattern Works, Toledo, O.
Frisch Bros., 29th & Tatnall, Wilmington, Del.
Fritz Geo. E., 4 Howard, New York
Gardam Wm. & Son, 114 Park pl, New York
Gard Pattern Co. (Patterns Only), Denver, Colo.
Garvis Benj. E., 113-115 Mechanic, Newark, N. J.
Gem City Pattern Works (Wood & Metal), Dayton, O.
General Pattern & Model Co., 178 Centre, New York
GERDES & CO., 42 Church, New York
See adv index at end of book
Gillie Machine Co. (Wood & Metal), Tonawanda, N. Y.
Girard Model Works (Wood & Metal), Girard, Pa.
Globe Malleable Iron & Steel Co., 101 Greenway av, Syracuse, N. Y.
Goodwin-Bradley Pattern Co. (Wood and Metal Patterns), 277 Eddy, Providence, R. I.
Gorning & Luley, 1112 N B'way, St. Louis, Mo.
Grant Mfg. & Machine Co. (Metal, Experimental, etc), Bridgeport, Conn.
Gyro Metal Works, 114 Scott, Norfolk, Va.
Harlan & Hollingsworth Corp., ft West, Wilmington, Del.
Hartmann-Malcolm Co., 847 N Troy, Chicago, Ill.
Hoeft & Co. (Metal), 1600 W Kinzie, Chicago, Ill.
Hoering, G. V., 427 N Park, Columbus, O.
Horton Mfg. Co. (Metal & Wood), 3008 Univ. av, S E, Minneapolis, Minn.
Howard Iron Works, Buffalo, N. Y.
Huetter Machine & Tool Co., Indianapolis, Ind.
Huse W. D. & Sons, Laconia, N. H.
Jarvis Joseph T., 73 Haverhill, Boston, Mass.
Jessup Stephen C. Pattern Works (Wood & Metal), Salem, O.
John's Stamping & Machine Works Co., Cleveland, O.
Jurack Chas. (Wood & Metal), 201 Oregon, Milwaukee, Wis.
Kahl Pattern Works (Wood & Metal), Detroit, Mich.
Keokuk Hydraulic Tire Setter Co. (Wood & Metal), Keokuk, Ia.
Kidder R. E. Co. (All Sizes), Worcester, Mass.
KNAPP ARTHUR ENGINEERING CORP., 30 Church, New York
See adv index at end of book
Krone Kreutz F Co. (Models), 204 1st, San Francisco, Cal.
Lancaster Machine & Structural Works (Wood), Lancaster, Pa.
LEBANON GEAR & MACHINE WORKS, 17th & Forge, Lebanon, Pa.
See adv index at end of book
Leetsdale Fdry. & Mfg. Co. (Wood & Metal), Leetsdale, Pa.
Lipe, W. C., Syracuse, N. Y.
Loeffelholz Co. (Brass), Milwaukee, Wis.
Logan Edw. Machine Co., Trenton, N. J.
Loshbough-Jordan Tool & Machine Co., Elkhart, Ind.
Luzier T. B. & Son, 1641 N 10th, Phila., Pa.
McClure John C. (Wood), 21 Hackett, Newark, N. J.
McFarland Foundry & Machine Co., Trenton, N. J.
McNamara-Koster Foundry Co. (Patterns & Models), Indianapolis, Ind.
Mahoming Pattern Co. (All Kinds of Patterns), Youngstown, O.
Mansfield Pattern Works, Mansfield, O.
Melvin Bros. Pattern Works, 37½ S Scioto, Columbus, O.
Mersfelder's W. L. Pattern Works (Metal & Wood), Lawrence & Friendship, Cincinnati, O.
Michigan Pattern Works, 1085 Jeff. av, E. Detroit, Mich.
Morner & Smith (Wood & Metal), Dayton, Ohio
Mueller Rudolph, Milwaukee, Wis.
Mummert-Dixon Co., Hanover, Pa.
Munson E. G. (Wood & Iron), Utica, N. Y.
Murphy Foundry Co., Beaver Falls, Pa.
Nacke A. & Son (Metal), 236 S 9th, Phila., Pa.
Nazareth Foundry & Machine Co., Nazareth, Pa.
Neslage Herman F., St. Louis, Mo.
Nestor Mfg. Co., 40 W 13th, New York
New Britain Tool Co., New Britain, Conn.
New Brunswick Iron Works (Patterns Only), New Brunswick, N. J.
Niagara Falls Metal Stamping Works (In Metal), Niagara Falls, N. Y.
Niemeyer W. H. & Co., Bush & Severn, Baltimore, Md.
Noble Henry A. Co., 305 N 2d, Phila., Pa
Northwest Harvester Co., Spokane, Wash.
Octo Engineering Ass'n, Inc., Rochester, N. Y.
O'Gorman Thos. F., 114 Centre, New York
Ohio Brass & Pattern Co. (Metal), Canton, O.
Ohio Pattern Works (Wood & Metal), 2730 Spring Grove av, Cincinnati, O.
Owren Casting Co. (Metal), Attleboro, Mass.
Parker W. T. Mfg. Co. (Wood & Metal), Springfield, O.
Pauly Bros., Springfield, O.
Penna. Stove Pattern Works (Stoves & Machine Patterns), 215 N 2d, Phila., Pa.
Philadelphia Roll & Machine Co. (Patterns), 25th & Washington av, Phila., Pa.
Phoenix Iron Works, Portland, Ore.
Pitz John F., 21 Rose, New York
Portland Iron Works, 14th & Northrup, Portland, Ore.
Pueblo Foundry & Machine Co. (Wood & Metal), Pueblo, Colo.
Quincy Patttern Co. (Wood & Metal), Quincy, Ill.
Rabe Otto, 158 N Desplaines, Chicago, Ill.
Reliance Pattern Works (Wood), 3202 Smallman, Pittsburgh, Pa.
Reynolds Machine Co., Massilon, O.
Roanoke Iron Works, Roanoke, Va.
S-P Mfg. Co. (Wood & Metal), 872 E 72d, Cleveland, O.
Sawin L. H., Gardner, Mass.
Schmidt F. L. Co., 11th av & 21st, New York
Schwab R. J. & Sons Co. (Wood & Metal), 283 Clinton, Milwaukee, Wis.
Schwabe F. J. & Son, Ft. Wayne, Ind.
Scully Pattern & Model Works, S W cor 5th & Delaware, Kansas City, Mo.
Shafer O. J. (Wood), 207 E 6th, Cincinnati, O.
Shepard Amos L. (Models & Metal & Wood Patterns), Plantsville, Conn.
Slack Ben. F. Brass Mfg. Co. (Metal & Wood), Denver, Colo.
Sloan Novelty Mfg. Co., S W cor 20th & Wyandotte, Kansas City, Mo.
Snead & Co. Iron Wks. (Plaster & Wood Patterns), 98 Pine, Jersey City, N. J.
See adv index at end of book
Soderstrom E. (Wood), Wichita, Kans.
Spuck Iron & Foundry Co., 14th & Branch, St. Louis, Mo.
Standard Cast Iron Pipe & Foundry Co., Bristol, Pa.
Standard Pattern Co. (Patterns of All Kinds), 28th & Spruce way, Pittsburgh, Pa.
Standard Pattern Works (Wood & Metal), 144 Fort E, Detroit, Mich.
Standard Pattern Works Co. (Gear Patterns Specialty, Wood & Metal), 5332 St. Clair av, Cleveland, O.
Standard Pattern Works (Wood & Metal), 14 Railroad, Rochester, N. Y.
Standard Pattern & Mfg. Co., Richmond, Ind.
Stearns E. C. Co. (Wood & Metal), 450 Oneida, Syracuse, N. Y.
Steiner Mfg. Works (Metal), Erie, Pa.
Stocklin W. C. Co., Columbus, O.
Strickland Pattern Works (Wood & Metal) Chattanooga, Tenn.
Stuart Foundry Co., Detroit, Mich.
Superior Foundry Co. (Wood & Metal), Cleveland, O.
Superior Pattern Works Co., 1247 Marquette rd, Cleveland, O.
Taylor C. P., Rockford, Ill.
Templeton C. L., Dayton, O.
Tenney A. E. Mfg. Co., Pawtucket, R. I.
Thomson S. H. Mfg. Co., Dayton, O.
Townsend Foundry & Machine Shop Co., Broadway & Rensselear, Albany, N. Y.
See adv index at end of book
Trenton Pattern Works (Wood), Trenton, N. J.
Trumbull Mfg. Co. (Patterns), Warren, O.
Twentieth Century Brass Works Co. (Metal), 514 5th av, S Minneapolis, Minn.
Universal Fdry. Co., Oshkosh, Wis.
Universal Mach. & Tool Co. (Metal), Canton, O.
Universal Pattern Works (Wood), 909 State av, Cincinnati, O.
Utica Steam Engine & Boiler Wks, Utica, N. Y.
Valley Machine Co., Parkesburg, W. Va.
Vedder Pattern Works (Wood & Iron for Stoves and Heaters), Troy, N. Y.
Walker Bros. Co. (Wood & Metal), Syracuse, N. Y.
Walker R. W. (Wood & Metal), Lawrence, Mass.
Wallace J. D. & Co., 1401 W Jackson blvd, Chicago, Ill.
Washburn Lettic R. & Co. (Patterns & Models), New Bedford, Mass.
Weller Pattern Co. (Wood & Metal for Stove Furnace & Machy.), Quincy, Ill.
Wellman Pattern Supply Co. (Large Patterns for Machines a Specialty), Cleveland, O.
Western Foundry & Machine Works (Wood & Metal), Topeka, Kans.
Western Iron & Foundry Co. (Wood), Wichita, Kans.
Western Pattern & Mfg. Co. (Wood or Metal), Moline, Ill.
Weydell F. O., 12 S Clinton, Chicago, Ill.
Willamette Iron & Steel Wks., Portland, Ore.
Worcester Pattern & Model Co., Worcester, Mass.
Wunsch & Washburn, 207 Centre, New York
York Pattern Works, York, Pa.

Paulins

See Tarpaulins; also Tents, Contractors'

10771—Paving Blocks (Asphalt)

Asphalt Block Pavement Co., Toledo, O.
Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.
Bradbury Frank & Son, West Franklin, Me.
Hastings Pavement Co., 25 Broad, New York
International Creosoting & Construction Co. (Creosoted), Galveston, Tex.; Works: Beaumont, Tex.
Taylor Ronald Co., 520 E 20th, New York
Washington Asphalt Block & Tile Co., S Capital & R, S E, Washington, D. C.

10772—*Paving-Asphalt (Plants & Dyes)

Cummer F. D. & Son Co., Superior Arcade, Cleveland, O. *See adv index at end of book*

CUMMER ASPHALT PLANTS
Hundreds in Operation Throughout the World.
See Our Other Listings.
THE F. D. CUMMER & SON CO.
Cleveland, Ohio, U. S. A.

Paving Blocks (Cedar)

See Paving Blocks, Wood

Paving Blocks (Creosoted)

See Paving Blocks, Wood

10773—Paving Blocks (Fire Clay)

See also Brick, Vitrified Paving
Standard Firebrick Co., Diamond Bank bldg, Pittsburgh, Pa.
West Virginia Fire Clay Mfg. Co., Diamond Bank bldg, Pittsburgh, Pa.

10774—Paving Blocks (Granite)

See also Granite Producers, Workers & Dealers
American Granite Co., 15th & Cleveland av, Milwaukee, Wis. Quarries: Granite Heights, Wis.
Bodwell Granite Co., Rockland, Me.
Booth Bros. & Hurricane Isle Granite Co., 208 B'way, New York
Booth & Flinn (Ltd.), 1942 Forbes av, Pittsburgh, Pa.
Flynt W. N. Granite Co., Monson, Mass.
French Greek Granite Co., St. Peters, Pa.
Guilford & Waltersville Granite Co., Law bldg., Baltimore, Md.
Hallowell Granite Works, Hallowell, Me.
Hildreth Granite Co., 31 State, Boston, Mass.
Lanpher H. S. & Co. (Producers), 90 West, New York
Leopold J. & Co., 233 B'way, New York
New England Granite Works, Westerly, R. I.
North Carolina Granite Corp., Mt. Airy, N. C.
Prout Bros., Quincy, Mass.
ROCKPORT GRANITE CO., Rockport, Mass.
Schneider Granite Co., 2140 De Kalb, St. Louis, Mo. Quarries, Graniteville, Mo.
Skrainka Construction Co., Security bldg, St. Louis, Mo.
Swenson Jno. Granite Co., Concord, N. H.
Victoria White Granite Co., Keene, N. H.
Webb Granite & Const. Co., Mardborough, N. H.
Winnsboro Granite Corp., Rion, S. C.
Wisconsin Granite Co., 11 S La Salle, Chicago, Ill.

10775—Paving Blocks (Stone)

Delaware River Quarry & Construction Co. ("Belgian"), 26 Exchange pl, Jersey City, N. J.
Kettle River Co., Plymouth bldg., Minneapolis, Minn.

Paving Blocks (Vitrified)

See Brick Manufacturers, Vitrified Paving; Indicated by a Star (*) in Front of Name

10776—Paving Blocks (Wood)

See also Creosoting Works
American Creosoting Co. (Creosoted), 17 Battery pl, New York. Works: Newark, N. J.
Ayer & Lord Tie Co. (Creosoted), 80 E Jackson blvd, Chicago, Ill.
Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.
Columbia Creosoting Co., Portland, Ore.
Compressed Wood Preserving Co. (Creosoted), Spring Grove & Station avs, Cincinnati, O.
Gulfport Creosoting Co. (Creosoted), Gulfport, Miss.
Jennison-Wright Co. (Creosoted), Toledo, O.
Kettle River Co. (Creosoted), Plymouth bldg., Minneapolis, Minn.
Leopold J. & Co., 233 B'way, New York
Michigan Wood Preserving Co., Pittsburgh, Pa.
National Lumber & Creosoting Co. (Creosoted), Texarkana, Ark.
Ohio Wood Preserving Co., The, Century bldg, Pittsburgh, Pa.
Peirce W. E. & Co., Milford, N. H.
Pittsburgh Wood Preserving Co. ("Century"), Century bldg, Pittsburgh, Pa.
Puget Sound Wood Preserving Co. (Creosoted), Lowell, Wash.
Republic Creosoting Co. ('Kreodone," Creosoted), Indianapolis, Ind.
Southern Creosoting Co., Ltd. (Creosoted), Slidell, La.
Southern Wood Preserving Co. (Creosoted), Atlanta, Ga.
Sterling W. C. & Son (Cedar), Monroe, Mich.
United States Wood Preserving Co. ("Creo-Resinate" Process), 165 B'way, New York. Works: Buell, Va.
Wyckoff Pipe & Creosoting Co. (Creosoted), 30 E 42d, New York

Pea Fillers

See Can Filling Machines

10777— Peavies

See also Tools, Logging
American Logging Tool Co., Evart, Mich.
Columbus Handle & Tool Co., Columbus, Ind.
Gerlach Peter Co., 1712 Winter, Cleveland, Ohio
Ransome Leach Co. (Socket, etc), 115 B'way, New York
Prouty C. & Co. (Also Peavie Handles), Eldred, Pa.
Warren Axe & Tool Co., Warren, Pa.

10778—Pedals (Automobile Horn)

Star Brass Works Co. ("Star" Brass), Kansas City, Mo.
Williams J. H. & Co. (Drop Forged), 31 Richards, B'klyn, N. Y.
See adv index at end of book

10779—Pedals (Bicycle & Motor Cycle)

Continental Rubber Works ("Vitalic"), Erie, Pa.
Stevens & Co., 375 B'way, New York
Torrington Co., The Standard Plant Co. ("Star")

10780—Pedals (Muffler Cut-Out)

Hill-Smith Metal Goods Co., 88 Pearl, Boston, Mass.
Star Brass Works Co. ("Star" Brass), Kansas City, Mo.

10781—*Pedestals (Ornamental)

Herwig Art Shade & Lamp Co. (Illuminated), 2140 N Halsted, Chicago, Ill.
See adv index at end of book

10782— Pedestals (Radiator)

Atlas Radiator Pedestal Co. ("Star," "Bicycle," "Standard," "Slip Axle," "Motor Cycle,' "Bridgeport," "Standard" & "Pirate"), 102 William, Norwich, Conn.
Jennison Co. (Jennison Adjustable), Fitchburg, Mass.

10783— Pedestals (Sun Dial)

Hartmann Sanders Co., 2155 Elston av, Chicago, Ill.

10783a— *Pedestals (Wooden)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

10784— Pedometers

American Pedometer Co. ("American"; Tells How Far You Walk), New Haven, Conn.

Peelers (Fruit, etc.)

See Parers, Fruit & Vegetable

10784a— *Pegs (Bluing)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

10784b— *Pegs (Brush)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

10784c— *Pegs (Clothes)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

10784d—*Pegs (Dental Polishing)

Estes E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*

10784e— *Pegs (Hat)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

10785— Pegs (Husking)

Boss Mfg. Co., Kewanee, Ill.
Thomas R. N. Co., Shenandoah, Ia.

10785a—*Pegs (Kindergarten)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

10786— Pegs (Shoe)

Crawford, McGregor & Canby Co., Dayton, O.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Foster Jacob R., Plymouth, N. H.
Kearsarge Peg Co., Bartlett, N. H.
Kingsley Bros., Salisbury Center, N. Y.
Moore C. C., Lisbon, N. H.
Moore Peg Co., Lisbon, N. H.

10787— *Pegs (Wood)

ESTES E. B. & SONS (Hat, Clothes, Shoe, Tent, Kindergarten, etc), 364 5th av, New York
See adv index at end of book

10788— Pencil Timber

Cedar Products Co. (Cedar, Slats), Alton Park, Tenn.
F. & O. Cedar Works, Ltd., 40 Murray, New York
Germania Cedar Works, Christiana, Tenn.
Gulf Red Cedar Co. (Cedar Slats), Richmond, Va.
Murfreesboro Mfg. Co. (Red Cedar Slats), Murfreesboro, Tenn.

10789—Pencils (Advertising)

Advertising Pencil Co., 248 Pearl, New York
Blanchard Bros., 8th av & 19th, Brooklyn, N. Y.
Erickson C. E. & Co., Des Moines, Ia.
Imprint Pencil Co., 530 B'way, New York
Pencil Exch., Jersey City, N. J.
Pencil Printing Co., 140 S 4th, Philadelphia, Pa.
Rock Island Advertising Lead Pencil Co., Rock Island, Ill.
Souvenir Lead Pencil Co., Cedar Rapids, Ia.
Standard Pencil Co., 1822 Locust, St. Louis, Mo.
Union Pencil Co., 33 Union Sq, New York
Unique Novelty Co., Independence, Ia.

10790—Pencils (Camel's Hair)

Devoe & Raynolds Co., Inc. (Throat, Split Quills, Water Color, Japanners, etc), 101 Fulton, New York
Hanlon & Goodman Co., 270 Pearl, New York
Mayer Leopold, 83 Warren, New York
Whiting J. L., Adams J. J. Co., 690 Harrison av, Boston, Mass.

10791—Pencils (Chalk, Propelling & Repelling)

Doggett Stanley, 11 Cliff, New York

10792— Pencils (Clutch)

Barnett Ira, 61 Beekman, New York
Dunn & Rodenberg, Baker, Providence, R. I.
Eversharp Pencil Co., 1800 Roscoe, Chicago, Ill.
Hoge Mfg. Co. ("Modern"), 45 John, New York
Salz Bros., 71 W 35th, New York
Shabeck John C. L., 245 W Exchange, Providence, R. I.

10793-4-5—Pencils (Copying Ink)

Dixon Joseph Crucible Co., Jersey City, N. J.

Pencils (Crayon)

See Crayons & Pencils, Metal Workers

10796-7—Pencils (French Chalk)

Nevins Saml. Co., 109 S 2d, Phila., Pa.

10798— Pencils (Lead)

American Lead Pencil Co. ("Venus," "Velvet"), 220 5th av, New York
Best Richard, 54 Lafayette, New York
Blaisdell Paper Pencil Co. (Paper), 141 Berkeley, Phila., Pa.
Brown Gordon (Paper), 90 W B'way, New York
Dixon Joseph Crucible Co., Jersey City, N. J.
Eagle Pencil Co., E 13th, New York
Faber A. W. (Castell"), 41 Dickerson, Newark, N. J.
Faber Eberhard Pencil Co., 37 Greenpoint av, Brooklyn, N. Y.
National Pencil Co., Atlanta, Ga.
Standard Pencil Co., 1824 Locust, St. Louis, Mo.
Wahl Adding Machine (Ever-Sharp Pencil), 1800 Roscoe, Chicago, Ill.

10799— *Pencils (Lumber)

Adams D. C. Crayon Co. (Crayons), 125 Market, St. Louis, Mo.
See adv index at end of book

10800— Pencils (Slate)

Doggett Stanley (Artificial), 11 Cliff, New York
Illfelder B. & Co. (Artificial), 29 Union sq, New York
Steward D. M. Mfg. Co. ("Compo."), Chattanooga, Tenn.

10801—Pencils (Talc & Soapstone)

ADAMS D. C. CRAYON CO., 125 Market, St. Louis, Mo.
See adv index at end of book
Cohutta Talc Co. (Soapstone; also Crayon), Dalton, Ga.
Dixon Joseph Crucible Co., Jersey City, N. J.
Doggett Stanley, 11 Cliff, New York
Steward D. M. Mfg. Co., Chattanooga, Tenn.

10802—Pencils (Water Color)

AMERICAN CRAYON CO., 1300 Hayes av, Sandusky, O. *See adv index at end of book*

10802a—*Pencils (Welding)

Page Steel & Wire Co., 30 Church, New York. *See adv index at end of book*

10803— Pendants (Wiring)

Fletcher Mfg. Co. ("Etheridge"), Dayton, O.

10804— Pendulameter

Norton Grinding Co., Worcester, Mass.

10805— Penholders

Amer. Lead Pencil Co., 220 5th av, New York
Center Shaft Penholder Co., Hanover, Pa.
Dixon Joseph Crucible Co., Jersey City, N. J.
Estes E. B. & Sons, 364 5th av, New York. *See adv index at end of book*
Esterbrook Steel Pen Mfg. Co., Camden, N. J.

ESTABLISHED 1847
E. B. ESTES & SONS
Manufacturers of
PENHOLDERS—Commercial, School and Advertising
PLAIN, POLISHED AND ENAMELED IN ANY STYLE
Specialty of All-Wood and Cork-Core Penholders, Blackboard Dividers and Pointers, and Educational Specialties.
364 5th AVENUE NEW YORK CITY

Faber Eberhard Pencil Co., 37 Greenpoint av, Brooklyn, N. Y.
Pencil Printing Co. (Advertising), 140 S 4th, Phila., Pa.
Union Pearl Works (Pearl), 43 W 27th, New York. Works: Brooklyn, N. Y.

10806— Pennant Mfrs.

See also Flag Mfrs.

Annin & Co., 99 Fulton, New York
Art Graphic Co., 129 Fulton, New York
Beverly Mfg. Co., Staunton, Va.
Bradford & Co., St. Joseph, Mich.
Chicago Pennant Co., 6142 Cottage Grove av, Chicago, Ill.
Donaldson Art Sign Co., 21st & L. N. R. R. Cov, Cincinnati, O.
Hoffmann-Corr Mfg. Co., 312 Market, Phila., Pa.
Mortenson Samuel & Co., 833 W Jackson blvd, Chicago, Ill.
Pacific Pennant & Novelty Co., Los Angeles, Cal.
Pennant Novelty Co., 322 B'way, New York
Rod Pennant Mfg. Co., 3 Watkins, Brooklyn, N. Y.
Sternthal F. (Felt), 217 W Madison, Chicago, Ill.
Triangle Pennant Co., 160 N 5th av, Chicago, Ill.
Wales H. A. Co. (Who. Dlrs.), Bridgeport, Conn.

10807—Pens (Calf, Cow & Bull)

James Mfg. Co. ("James"), Ft. Atkinson, Wis.
Libby C. A. Co. ("Libbey"), Oshkosh, Wis.
Louden Machinery Co., Fairfield, Ia.
Rassmann F. Mfg. Co., Beaver Dam, Wis.

Pens (Fountain)

See Fountain Pen Mfrs.

10808— Pens (Gold)

Acme Gold Pen Co., 17 Vandewater, New York
Gaydoul Gold Pen Co., 50 John, New York
Hicks Wm. Mather, 235 Greenwich, New York
Horn M. T. Co., 114 Park pl, New York
Pearce F. T. Co., 85 Sprague, Providence, R. I.
Todd Edw. & Co., 1 W 34th, New York
Willard Pen Co., 175 Fifth av, New York

10809— Pens (Gold Plated)

Hunt C. Howard Pen Co. (For Fountain Pens), Camden, N. J.
Turner & Harrison Pen Mfg. Co. (For Fountain Pens), 1211 Spring Garden, Phila., Pa.

10809a— *Pens (Knitting)

Estes E. B. & Sons, 364 Fifth av, New York. *See adv index at end of book*

10810— Pens (Ruling)

Alteneder Theo & Sons, 945 Ridge av, Phila., Pa.
Dredge A. Ruling Pen Co., 75 Gold, New York
Hickok W. O. Mfg. Co., Harrisburg, Pa.
Keuffel & Esser, Hoboken, N. J.

10810a— Pens (Shading)

Amsler Blue Print Co., 30 Church, New York
Newton Automatic Shading Pen Co., Pontiac, Mich.
New York Blue Print Paper Co., 102 Reade, New York

10811—Pens (Show Card Lettering)

Keuffel & Esser Co. ("Payzant"), Hoboken, N. J.

10812— Pens (Steel)

Esterbrook Steel Pen Mfg. Co., Camden, N. J.
Graff Geo. B. Co. ("Graffco Silver Steel"), 294 Washington, Boston, Mass.
Hunt C. Howard Pen Co., Camden, N. J.
Mason W. L. & Co. ("Mason's"), Keene, N. H.
Miller Bros. Cutlery Co., Meriden, Conn.
Spencerian Pen Co., 349 B'way, New York
Turner & Harrison Pen Mfg. Co., ("Isaacs"), 1211 Spring Garden, Phila., Pa.

10812a— *Pensticks

Estes E. B. & Sons, 364 Fifth av, New York. *See adv index at end of book*

10813— Penstocks

Atlantic Works, 80 Border, East B, Boston, Mass.
BIGGS BOILER WORKS CO. (Steel), Case av & Williams, Akron, O.
See adv index at end of book
Blow Knox Co., Farmers Bank bldg, Pittsburgh, Pa.
Brennan John & Co., 24th & M. C. R. R., Detroit, Mich.
Casey-Hedges Co., Chattanooga, Tenn.
Chicago Bridge & Iron Works (Large Riveted Steel), 1319 W 105th, Chicago, Ill. *See adv index at end of book*
Connery & Co., 2d & Luzerne, Phila., Pa.
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
Dalrymple George (Wrought Steel), Fair Haven, Vt.
Dillon D. M. Steam Boiler Works, Fitchburg, Mass.
DOVER BOILER WORKS. Sales Offices: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Fairbanks, Morse & Co. (Railroad), 900 S Wabash av, Chicago, Ill.
Graver Wm. Tank Works, East Chicago, Ind.
Hammond Iron Works, Warren, Pa.
See adv index at end of book
Humphrey Machine Co., Keene, N. H.
Hunt Rodney Machine Co., Orange, Mass.
International Engineering Works, Framingham, Mass.
Keeler E. Co., Williamsport, Pa.
Kittoe Boiler & Tank Co. (Inc.), Canton, O.
Leslie Elliott & Co., Paterson, N. J.
McAleenan Bros. Co., 25th & G. V. R. R., Pittsburgh, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Mitchell, Tappen Co., 15 John, New York
Muskegon Boiler Works, Muskegon, Mich.
New England Iron Works Co., Summer, Boston, Mass.
Petroleum Iron Works Co., Sharon, Pa.
Platt Iron Works Co., Dayton, O.
Pollock Wm. B. Co., Youngstown, O.
Poole Engineering & Machine Co. (For Water Wheels), Woodberry Station, Baltimore, Md.
Portland Co., Portland, Me.
Riter-Conley Co., Pittsburgh, Pa.
Scannell Boiler Works, Lowell, Mass.
Smith Samuel & Son Co., Paterson, N. J.
Stafford Wright & Son, Lawrence, Mass.
STEARNS A. T. LUMBER CO. (Wood), 100 Taylor, Neponset, Boston, Mass.
See adv index at end of book
Stevens Tank & Tower Co. (Wood), Auburn, Me.
Struthers-Wells Co., Warren, Pa.
See adv index at end of book
Tippett & Wood, Phillipsburg, N. J.
Tofte Boiler & Sheet Iron Works, Houston, Texas
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.

PENSTOCKS—continued
U. S. Wind Engine & Pump Co., Batavia, Ill.
Walsh's Boiler & Iron Works, Springfield, Mass.
Walsh's Holyoke Steam Boiler Works, Holyoke, Mass.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Wolf Co. (Cast Iron & Steel Plate), Chambersburg, Pa.

10813a—*Perches (Bird Cage)

Estes E. B. & Sons, 364 Fifth av, New York. *See adv index at end of book*

10814—Perches (Examining)

Tillotson Humidifier Co., 78 Fountain, Providence, R. I.

10815—Percolators (Chemical Works)

Devine J. P. Co., Buffalo, N. Y.
Lummus Walter E. Co., 173 Milk, Boston, Mass.
Philadelphia Coppersmithing Co., 222 N Front, Phila., Pa.
Stuart & Peterson Co., Burlington, N. J.
Young Bros. Co., Detroit, Mich.

10816— Percolators (Coffee)

Aluminum Products Co. (Aluminum), La Grange, Ill.
Aluminum Ware Mfg. Co., Inc., Elmira, N. Y.
American Electrical Heater Co., Detroit, Mich.
Bowman Geo. H. Co. ("Bowman" Swissalu Aluminum), 224 Euclid av, Cleveland, O.
Buckeye Aluminum Co. ("Real Solid" Aluminum), Wooster, O.
Buffalo Mfg. Co., Buffalo, N. Y.
Burritt O. W. & Bro. ("Harrington" Tea & Coffee), Weedsport, N. Y.
Crystal Percolator Co. ("Filtrola"), 44 E 23d, New York
Edison Electric Appliance Co., Inc. (Hotpoint Division) ("El Perco" Electric), 5600 W Taylor, Chicago, Ill.
GENERAL ELECTRIC CO. (Electric), Schnectady, N. Y.
See adv index at end of book
International Silver Co., Meriden, Conn.
Justrite Mfg. Co. 2061 Southport av, Chicago, Ill.
Keyes-Davis Co., Battle Creek, Mich.
Landers, Frary & Clark ("Universal," "Thermax"), New Britain, Conn.
Lisk Mfg. Co. (Enameled), Canandaigua, N. Y.
Manning Bowman & Co., Meriden, Conn.
New England Enameling Co. ("Ideal"), Middletown, Conn.
New York Stamping Co. ("Empress"), N 11th & Berry, Brooklyn, N. Y.
Prisk Wm. M. & Sons Mfg. Co., Yalesville, Conn.
Rochester Stamping Co. (Electric & Alcohol), Rochester, N. Y.
Rome Mfg. Co., Rome, N. Y.
Silex Co. ("Silex"), 45 High, Boston, Mass.
Silver & Co. ("Marion Harland"), 304 Hewes, Brooklyn, N. Y.
Simplex Electric Heating Co. ("Simplex" Electric), Cambridge, Mass.
Standard Aluminum Co. (Aluminum), Two Rivers, Wis.
Standard Spinning & Stamping Co., Toledo, Ohio
Sternaus & Co., 35 Gold, Brooklyn, N. Y.
Sutterley G. T. & Co., 23d & Hamilton, Phila., Pa.
Sweeney W. H. Mfg. Co. (Copper, Nickel & Aluminum), 30 Main, Brooklyn, N. Y.
Toledo Cooker Co. ("Ideal"), Toledo, O.
Wagner Mfg. Co. ("Wagner" Aluminum), Sidney, O.
West Bend Aluminum Co., West Bend, Wis.
WESTINGHOUSE ELECTRIC & MFG. CO. (Electric), East Pittsburgh, Pa.
See adv index at end of book

10816a—*Percolators (For Oil & Grease Extraction)

Bartlett C. O. & Snow Co., French st, Cleveland, O.
See adv index at end of book

10816b— *Percolators (Garbage Grease, Etc.)

KUTZTOWN FOUNDRY & MACHINE CO. (Rotary), 1421 Chestnut, Phila., Pa. *See adv index at end of book*

10817—Percolators (Pharmaceutical)

Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.

10818—Perforators (Postage Stamp)

American Perforator Co., 617 W Jackson blvd, Chicago, Ill.

10818a—Perfume Dresser Stands & Bottles

The Arlington Works (E. I. du Pont de Nemours & Co.), 21 E 40th, New York

10819— Periscopes

Bausch & Lomb Optical Co., Rochester, N. Y.

10820— *Permeaters

Holz Herman A. ("Fahy"), 2 Madison av, N. Y. *See adv index at end of book*

Peroxide of Hydrogen

(See Hydrogen Peroxide)

Peroxide of Manganese

(See Manganese Peroxide)

Peroxide of Sodium

(See Sodium Peroxide)

10821— *Pestles

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

10822— Petrolatum

American Petroleum Products Co., 196 Water, New York
Binghamton Oil Refining Co., Binghamton, N. Y.
Canfield Oil Co., Cleveland, O.
Chesebrough Mfg. Co. ("Vaseline"), 17 State, New York
Clarendon Refining Co., Clarendon, Pa.
Clark F. C., 316 Kinzie, Chicago, Ill.
Connewango Refining Co., Warren, Pa.
Crew-Levick Co., Land Title bldg., Phila., Pa.
Daugherty W. H. & Son, Refining Co., Petrolia, Pa.
Freedom Oil Works Co., Freedom, Pa.
Fuller Ralph L. & Co., Inc., 2 Rector, New York. *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Cleveland, New York and Philadelphia
Monitor Oil Co., Cleveland, O.
Pennsylvania Refining Co., Karns City, Pa.
Petrolia Refining Co., Petrolia, Pa.
Quaker City Supply Co., Land Title bldg, Phila., Pa.
Standard Oil Co., 555 W 25th, New York

10823—Petroleum & Its Products

Advance Oil Co., Oil City, Pa.
Amalgamated Oil Co., Pacific Electric bldg., Los Angeles, Cal.
American Oil & Tank Line Co., Cleveland, Okla.
American Oil Works (Ltd.), Titusville, Pa.
American Petroleum Products Co., 196 Water, New York
American Refining Co., Tulsa, Okla.
Ardmore Refining Co., Ardmore, Okla.
Asphaltum & Oil Refining Co., Los Angeles, Cal.
Associated Oil Co., Sharon bldg, San Francisco, Cal.
Atlantic Refining Co., 1344 Passyunk av, Phila., Pa.
Bessemer Refining Co., Titusville, Pa.
Bigheart Refining Co., Bigheart, Okla.
Buffalo Refining Co., 77 Main, Buffalo, N. Y.
Caddo Oil & Refining Co. of Louisiana
California Fresno Oil Co., Fresno, Cal.
Camp Harry E., Bradford, Pa.
Canfield Oil Co., Cleveland, O.
Capitol Refining Co., Stockyards, Cal.
Central Refining Co., Lawrenceville, Ill.
Chanute Refining Co., Chanute, Kan.
Clarendon Refining Co., Clarendon, Pa.
Clark Fred. G. Co., 1081 W 11th, Cleveland, O.
Cleveland Petroleum Ref. Co., Cleveland, Okla.
Columbia Oil Co. of N. Y., 15 William, New York
Conewango Refining Co., Warren, Pa.
Constantin Refining Co., Tulsa, Okla.
Consumers' Refining Co., 76 W Monroe, Chicago, Ill.
Continental Refining Co., Oil City, Pa.
Cornplanter Refining Co., Warren, Pa.
Cosden & Co., Tulsa, Okla.
Crew-Levick Co., Land Title bldg, Phila., Pa.
Crystal Oil Works, Oil City, Pa.
Cushing Refining Co., Cushing, Okla.
Densmore-Stabler Co. (Distillate), Los Angeles, Cal.
Dougherty W. H. & Son Refining Co., Petrolia, Pa.
Emery Mfg. Co., Bradford, Pa.
Emlenton Refining Co., Emlenton, Pa.
Empire Oil Works, Oil City, Pa.
Foco Oil Co. (Jobbers), Franklin, Pa.
General Petroleum Co., Alaska Commercial bldg, San Francisco, Cal.
Great Western Oil Co., 2846 E 37th, Cleveland, O.
Gulf Refining Co., Frick bldg. annex, Pittsburgh, Pa.
Hercules Oil Refining Co., E 30th, Los Angeles, Cal.
Independent Refining Co. (Ltd.), Oil City, Pa.
Indiahoma Refining Co., Federal Reserve Bk. bldg, St. Louis, Mo.
Indian Refining Co. (Crude Petroleum), 244 Madison av, New York
Indian Territory Illuminating Oil Co., Bartlesville, Okla.
International Refining Co., Tulsa, Okla.
Island Petroleum Co., Neville Island, Pittsburgh, Pa.
Jordan Oil Co., E 28th, Los Angeles, Cal.
Kansas Co-Operative Refining Co., Chanute, Kans.
Kendall Refining Co., Bradford, Pa.
Layton Park Oil & Soap Co., 29th & Forest Home avs, Milwaukee, Wis.
Louisiana Oil Refining Co., Shreveport, La.
Magnolia Petroleum Co., Galveston, Tex.
Mexican Petroleum Co., Los Angeles, Cal.
Midland Petroleum Co., 111 W Monroe, Chicago, Ill.
Midwest Refining Co., Denver, Colo.
Miller's A. D. Sons Co., Columbus & Preble, Pittsburgh, Pa.
Milliken Refining Co., Merchants Exch. bldg, St. Louis, Mo.
Monarch Oil Refining Co., 24 California, San Francisco, Cal.
Muskogee Refining Co., Muskogee, Okla.
Mutual Oil Co., Interstate bldg., Kansas City, Mo.
Mutual Refining Co (Ltd.), Warren, Pa.
National Oil Refining & Mfg. Co., Bakersfield, Cal.
National Refining Co., Cleveland, O.
Ohio Cities Gas Co., Columbus, Ohio
Oklahoma Refining Co., Oklahoma, Okla.
Okmulgee Producing & Refining Co., Okmulgee, Okla.
Pacific States Refineries, 110 Sutter, San Francisco, Cal.
Pacific States Refining Co., Fruitvale, Cal.
Pan-American Refining Co., Tulsa, Okla.
Paragon Refining Co., Toledo, O.
Pavania Oil Co., Warren, Pa.
Pennsylvania Oil Products Ref. Co., Eldred, Pa.
Pennsylvania Paraffine Wks., Titusville, Pa.
Penn American Refining Co., Oil City, Pa.
Petroleum Products Co., 3917 Nevile, Pittsburgh, Pa.
Petroleum Refining Co., 156 N La Salle, Chicago, Ill.
Petrolia Refining Co., Petrolia, Pa.
Phoenix Oil Co., 2554 W 5th, Cleveland, O.
Phoenix Refining Co., Tulsa, Okla.
Phoenix Refining & Mfg. Co., Bakersfield, Cal.
Pierce Oil Corp., Bank of Com. bldg, St. Louis, Mo.
Pinal Dome Refining Co., Santa Maria, Cal.
Pittsburgh Oil Refining Co., Pittsburgh, Pa.
Ponca Refining Co., Ponca City, Okla.
Producers Refining Co., Gainesville, Tex.
Producers & Refiners Oil Co., 248 4th av, Pittsburgh, Pa.
Puente Oil Co., Chino, Cal.
Pure Oil Co., Lafayette bldg, Phila., Pa.
Quaker City Supply Co., Land Title bldg, Phila., Pa.

Riverside Oil Co., Benedum Trees bldg., Pittsburgh, Pa.
Roxana Petroleum Co. of Okla., Tulsa, Okla.
Sapulpa Refining Co., Sapulpa, Okla.
Schock Refining Co., Niotage, Kans.
Seneca Oil Works, Warren, Pa.
Sinclair Refining Co., Conway bldg, Chicago, Ill.
Southern Oil Corp., Tulsa, Okla.
Southern Refining Co., Los Angeles, Cal.
Standard Oil Co. of Cal., 200 Bush, San Francisco, Cal.
Standard Oil Co. (Medicinal), 72 W Adams, Chicago, Ill.
Standard Oil Co. of La., Baton Rouge, La.
Standard Oil Co. of N. J., 26 B'way, New York
Standard Oil Co. of N. Y. ("Socony"), 555 W 25th, New York
Standard Oil Co. of Ohio, Cleveland, O.
Sun Co., Finance bldg, Phila., Pa.
Superior Oil Works, Warren, Pa.
Texas Co., 17 Battery pl, New York
Tidewater Oil Co., 11 B'way, New York
Titusville Oil Works, Titusville, Pa.
Uncle Sam Oil Co., Kansas City, Kans.
Union Oil Co., Los Angeles, Cal.
Union Petroleum Co., Widener bldg, Phila., Pa.
United Refining Co., Warren, Pa.
Utah Oil Refining Co., Salt Lake City, Utah.
Vacuum Oil Co., Rochester, N. Y.
Van Tilburg Oil Co., 2428 University av, Minneapolis, Minn.
Ventura Refining Co., 454 S Spring, Los Angeles, Cal.
Vinita Refining Co., Vinita, Okla.
Warren Refining Co., Warren, Pa.
Webster C. D. Oil Co., Coalton, Okla.
Webster Refining Co., Jennings, La.
Wichita Valley Refining Co., Iowa Park, Tex.
Wilburine Oil Works (Ltd.), 11 B'way, New York
Wilhoit Refining Co., Springfield, Mo.
Yosemite Oil Refining Co., Cheney & Harriet, Los Angeles, Cal.

10824— Pew End Mfrs.

American Sash & Door Co., Kansas City, Mo.
Carr, Ryder & Adams Co. (Wholesale Mfrs.), Dubuque, Ia.
Carter Mfg. Co., Keokuk, Ia.
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Moore Mfg. Co., Springfield, Mo.
Peirce W. E. & Co., Milford, N. H.
Tiffin Mfg. Co., Tiffin, O.

Phaetons

See Carriages

Pharmaceutical Apparatus

See Pharmaceutical Machinery; also Chemical Machinery

10825— Pharyngoscopes

Electro Surgical Instrument Co., Rochester, N. Y.
American Synthetic Color Co., Stamford, Conn.
DANA & COMPANY, Inc., 111 B'way, New York. *See adv index at end of book*

10825a—*Phenol Apparatus

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

10826— Phenolphthalein

Monsanto Chemical Works, St. Louis, Mo.
National Aniline & Chemical Co., Inc. (Mfrs.), 21 Burling Slip, New York

10827—Phonograph Reproducers

Thomas Mfg. Co., Dayton, Ohio

Phonographs

See Talking Machines

Phosphate of Ammonia

(See Ammonium Phosphate)

10828— Phosphate Rock

Alexander G. S. & Co., Inc., Savannah, Ga.
Arkansas Fertilizer Co. (Miners), Little Rock, Ark.
Baker H. J. & Bro. (Belgian, etc), 81 Fulton, New York
Buttgenbach J. & Co., Holder, Fla.
Charleston S. C. Mining & Mfg. Co., Richmond, Va.
Consolidated Phosphate Co., Columbia, Tenn.
Coronet Phosphate Co. (Miners), 99 John, New York
Export Phosphate Co., 87 Milk, Boston, Mass.
Federal Chemical Co., Louisville, Ky.
Florida Mining Co., 61 B'way, New York
Florida Phosphate Mining Corp., Bartow, Fla.
Foote Mineral Co. (Imp. Apatite), 107 N 19th, Phila., Pa.
Heller Jos. S. (Also Ground & Acid Phosphate Brokers), 62 William, New York
International Ag'l Corp. (Florida Land Pebble & Tennessee), 61 B'way, New York
International Phosphate Co., 27 State, Boston, Mass.
Lang J. M. & Co., Savannah, Ga.
Marden, Orth & Hastings Co. (Miners), 61 B'way, New York
Mutual Mining Co., Savannah, Ga.
Palmetto Phosphate Co., Keyser bldg, Baltimore, Md.
Peters, White & Co., 55 John, New York
Phosphate Mining Co. (Miners), 55 John, New York
Pierce Phosphate Co., Pierce, Fla.
Prairie Pebble Phosphate Co. (Land Pebble Miners & Shippers), 61 B'way, New York
U. S. Phosphate Co., Salt Lake City, Utah
Virginia-Carolina Chemical Co., Richmond, Va.
Williams Hardware Co. (Untreated Ground for Agricultural Purposes), Streator, Ill.

10829— Phosphine

Klipstein A. & Co. (Patent for Tanners), 644 Greenwich, New York

10830— Phosphor Bronze

Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.
American Manganese Bronze Co., Rhawn, Phila., Pa.
Brady Brass Co., 170 14th, Jersey City, N. J.
Coates, Bennett & Reidenbach, Rochester, N. Y.
Crescent Phosphorized Metal Co. ("Crescent"), 2314 Wood, Phila., Pa.
Damascus Bronze Co. ("Damascus"), N S, Pittsburgh, Pa.
See adv index at end of book
Edna Brass Mfg. Co., Cincinnati, O.
Gilbert A. & Sons Brass Fdry. Co. ("Velox"), 4019 Forest Pk. bldg, St. Louis, Mo.
Great Western Smelting & Refining Co., 4100 Wallace, Chicago, Ill.
Hungerford U. T. Brass & Copper Co. (Sheets, Rods, Wire, etc), 80 Lafayette, New York
Jacobson I. M. & Sons Co., 70 Catherine, Detroit, Mich.
Merchant & Evans Co., 2035 Washington av, Phila., Pa.
See adv index at end of book
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
New Era Mfg. Co. (White), Kalamazoo, Mich.
Phila. Metal Products Co. (Jobbers), Broad & Cherry, Phila., Pa.
Phosphor Bronze Smelting Co., 2200 Washington av, Phila., Pa.
Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.
Riverside Metal Co., Riverside, N. J.
Seligman Arthur, 165 B'way, New York
Shimer, McGlynn & Co., 19th & Washington av, Phila, Pa.
Tatinium Bronze Co., Inc., Niagara Falls, N. Y.

10831—Phosphor Bronze Sheets

Hough W. S. Jr. Co., 61 Peck, Providence, R. I.
Hungerford U. T. Brass & Copper Co. 80 Lafayette, New York
MERCHANT & EVANS CO., 2035 Washington av, Phila., Pa.
See adv index at end of book
Phosphor Bronze Smelting Co. ("Elephant" Brand), 2200 Washington av. Phila, Pa.
Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.
Riverside Metal Co., Riverside, N. J.
Shimer, McGlynn Co., 19th & Washington av, Phila, Pa.
Stanford Rolling Mills Co., Inc., Springfield, Conn.
Trumpbour-Whitehead Brass & Copper Co., 309-311 Canal, New York, and 43 No. 7th, Phila., Pa.
See adv index at end of book
Whitehead Metal Products Co., 67-73 Washington, North Boston, Mass.
See adv index at end of book

10832— Phosphor Copper

Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.
Coates, Bennett & Reidenbach, Rochester, N. Y.
Crescent Phosphorized Metal Co. ("Crescent"), 2314 Wood, Phila., Pa.
Crown Smelting Co., Chester, Pa.
DAMASCUS BRONZE CO. ("Damascus Guaranteed" 5%, 10%, 15%), Pittsburgh, Pa. *See adv index at end of book*
Eagle Smelting & Refining Works, 233 B'way, New York
LANG R. F. (Royal Brand 10% & 15% Guaranteed), 8 Bridge, New York
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
Nassau Smelting & Refining Works, 607 W 29th, New York
North American Smelting Co., 9th & Thompson, Phila., Pa.
Reeves Paul S. & Co., 1415 Catharine, Phila., Pa.

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For railroads, mills, electric railways and engine builders.

DAMASCUS NICKEL BRONZE is an alloy for all bearing requirements. Its economy for severe service has been unquestionably established.

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N. S. Pittsburgh

Richards & Company, Inc. ("Star"), 192 Beverly, Boston, Mass.
Riverside Metal Co., Riverside, N. J.
Roessler & Hasslacher Chemical Co., 100 William, New York
United States Reduction Co., E Chicago, Ind.

10833— Phosphor Tin

Ajax Metal Co. ("Ajax"),), 46 Richmond, Phila., Pa.
Atkinson Co., Rochester, N. Y.
Coates, Bennett & Reidenbach, Rochester, N. Y.
Crescent Phosphorized Metal Co. ("Crescent"), 2314 Wood, Phila., Pa.
DAMASCUS BRONZE CO. ("Damascus Guaranteed," 5%), N S, Pittsburgh, Pa.
See adv index at end of book

PHOSPHOR TIN—continued
Eagle Smelting & Refining Works, 233 B'way, New York
Empire Metal Co., Syracuse, N. Y.
Jacobson I. M. & Sons Co., 70 Catherine, Detroit, Mich.
Lang R. F. ("Royal"), 8 Bridge, New York
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
Nassau Smelting & Refining Works, 607 W 29th, New York
New Era Mfg. Co., Kalamazoo, Mich.
North American Smelting Co., 9th & Thompson, Phila., Pa.
Ricards & Company, Inc. ("Star"), 192 Beerley, Boston, Mass.
Riverside Metal Co., Riverside, N. J.
Seligman Arthur, 165 B'way, New York
United States Reduction Co., E Chicago, Ind.

10834— Phosphorizers

Bartley Jonathan Crucible Co., Trenton, N. J.
Bridgeport Crucible Co., Bridgeport, Conn.
Dixon Joseph Crucible Co., Jersey City, N. J.
McCullough-Dalzell Crucible Co., 36th & A. V. R. R., Pittsburgh, Pa.

10835— Phosphorum Copper

Miller W. E. (Imported), 17 State, New York

10836— Phosphorus

American Phosphorus Co., 3rd & Dauphin, Phila., Pa.
C. P. N. CHEMICAL CO., INC., 78 Reade, New York; 231 W Huron, Chicago, Ill.
Crescent Phosphorized Metal Co., 2314 Wood, Phila., Pa.
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
General Chemical Co. (For Phosphor Bronze, etc), 25 Broad, New York
Harshaw Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Takamine Laboratory, Inc. (Imp. Red & Yellow Stick), 120 B'way, New York

10837-8—Photographers (Architectural)

Chautauqua Photographic Co., Empire bldg, Pittsburgh, Pa.
Chicago Architectural Photographing Co., Marquette bldg, Chicago, Ill.
Johnston R. W., Studios, 241 5th av, Pittsburgh, Pa.
McCollin Thos. H. & Co., 54 N 9th, Phila., Pa.
Patzig August L., 6 W 36th, New York
Rockwood Photographer, 510 W 145th, New York
Taylor J. W., 440 SDearborn, Chicago, Ill.

10839— Photometers

American Meter Co. (Jet, "Sugg-Letheby" Style "B," Closed & Portable), 3112 N 17th, Phila., Pa.
Connelly Iron Sponge & Governor Co. "Jones" Jet), 227 Fulton, New York
Dwyer Machine Co., Lynn, Mass.
Foote-Pierson & Co. ("Matthews," "Sharp-Miller"), 160 Duane, New York
Leeds & Northrup oC. (Lamp Testing, "Reichsanstalt" Precision & Station), Stenton av, Gtn., Phila., Pa.
Precision Instrument Co., Detroit, Mich.
Queen-Gray Co., 618 Chestnut, Phila., Pa.
Standard Calorimeter Co., East Moline, Ill.
Thompson-Levering Co. ("Peeerless"), 323 Arch, Phila., Pa.

When writing to firms whose names appear in this book please mention
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10840—Photo-Micrographic Apparatus

Bausch & Lomb Optical Co., Rochester, N. Y.
Holtz Herman A., 2 Madison av., New York *See adv index at end of book*

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FOR METALLOGRAPHY
Latest Improved Types
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2 Madison Ave. New York

Leitz Ernest (Imp), 30 E 18th, New York

10841—Physical Apparatus

Gaertner Wm. & Co. (For Laboratories), 5349 Lake Park av, Chicago, Ill.
University Apparatus Co., 2229 McGee av, Berkeley, Cal.

10842— Pianos

Marked thus * also make Player Pianos
Marked thus † make Player Pianos only
See also Organs

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SAN FRANCISCO—Fay Robert, 567 Valencia
Pierce Walter S. Co., 691 14th
Schmitz William, 48 Bartlett

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MERIDEN—*Wilcox & White Co.
NEW HAVEN—Mathushek Piano Mfg. Co.
Shoninger B. Co.
SHELTON—*Huntington Piano Co.
STAMFORD—Kroeger Piano Co.
WEST HARTLAND—Hall Organ Co.

ILLINOIS.

CHICAGO—Bauer Julius & Co., 305 S Wabash av
Bent Geo. P. Co., 214 S Wabash av
Boller Piano Co., 2168 Milwaukee av
Brinkerhoff Piano Co., 209 S State
Bush & Gerts Piano Co., 1550 Dayton
*Cable Co., 301 S Wabash av
*Cable-Nelson Piano Co., 209 S State
Chickering Bros., 2250 S Park av
*Clark Melville Piano Co., 410 S Michigan av
Clemons C. B. Co., 1513 W Madison
*Decker Bros. Co., 1223 Miller
Detmer Henry, 10 S Wabash av
Gulbransen-Dickinson Co., 36 S State
*Kimball W. W. Co., 304 S Wabash av
*King Piano Co., 208 S La Salle
Leies J. & Son, 1956 Larrabee
*Lyon & Healy, 245 S Wabash av
*Marquette Piano Co., 1608 S Canal
Morenus Piano Co., 341 W Superior
Nelson H. P .& Son Piano Co., 1254 Marianna
Newman Brothers Co., 806 Dix
Operator's Piano Co. (Electric), 16 S Peoria
Price & Teeple Piano Co., 218 S Wabash av
Reed & Sons Piano Mfg. Co., 28 E Jackson blvd
Reichardt Piano Co., 1131 Milwaukee av
Root J. M. Piano Co., 6632 Kimbark av
Schaeffer Piano Mfg. Co., 218 S Wabash av
Sherp B. & Sons, 2102 Clybourn av
Schulz M. Co., 711 Milwaukee av
Seeburg J. P. Piano Co. ((Electric), 209 S State
Singer Piano Co., 238 S Wabash av
Smith, Barnes & Strohber Co., 1872 Clybourn av
†Star Music Co. (Coin Operated), 9 E Harrison
Starck P. A. Piano Co., 208 S Wabash av
Steger & Sonsh Piano Mfg. Co., 238 S Wabash av
*Story & Clark Piano Co., 317 S Wabash av
Tryber Piano Co., 36 S State
Weber & Sons, 1256 Wellington av
Werner Piano Co., 1325 Milwaukee av
Williams Piano & Organ Co., 14 W Washington
*Wurlitzer Rudolph Co., 239 S Wabash av
CHICAGO HEIGHTS — *Hamilton Piano Co. (See Baldwin Piano Co., Cincinnati, O.)
DE KALB — *Clark Melville Piano Co. (See Chicago, Ill.)
DIXON—†Rodesh Piano Player Co.
ELGIN—*Engelhardt-Seybold Co.
*Seybold Piano & Organ Co.
GALESBURG—Wenzelman Gustave
KANKAKEE — *Schaeffer Piano Works (See Chicago, Ill.)
MOLINE—Peterson J. Co.
OREGON—*Schiller Piano Co.
OTTAWA—Johnson E. P. Piano Co.
*Western Cottage Piano & Organ Co.
ROCKFORD—Anderson G. A. Piano Co.
Ekroth Piano Co.
*Haddorff Piano Co.
*Schumann Piano Co.
ROCK ISLAND—†Artista Piano Player Co.
STEGER—Reed & Sons Piano Mfg. Co. (See Chicago, Ill.)

INDIANA.

BRAZIL—*Knight-Brinkerhoff Piano Co.
CONNERSVILLE — *Krell Auto Grand Piano Co.
FORT WAYNE—Packard Piano Co.
HAMMOND—Straube Piano Co.
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LA PORTE—*Cable Hobart M. Co.
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BELLEVUE—*Bellevue Piano Co.

KENTUCKY.

DAYTON—*Harvard Piano Co. (See John Church Co., Cincinnati, O.)
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†Burks P l & Co
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FOXCRAFT—Hughes & Son Piano Mfg. Co.

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BALTIMORE—*American Piano Co., Park av & Lafayette
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*Stieff Chas. M., 9 N Liberty

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BOSTON—Bourne W. & Son
*Chickering & Sons, 791 Tremont
Emerson Piano Co., 560 Harrison av
*Everett Piano Co., Albany
*Hallet & Davis Piano CUo., 146 Boylston
*Ivers & Pond Piano Co., 114 Boylston
*Kraft, Bates & Spencer, 156 Boylston
*McPhail A. M. Piano Co., 120 Boylston
*Miller Henry F. & Sons Piano Co., 395 Boylston
*National Piano Co., 621 Albany
*Stieff Chas. M., 122 Boylston (See Baltimore)
*Trowbridge Piano Co., 32 Dorchester
*Vose & Sons Piano Co., 160 Boylston
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FRANKLIN—*Trowbridge Piano Co. (See Boston, Mass.)
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Sterling Piano Co., 518 Fulton
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*Christman Sons, 35 W 14th
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*Davenport-Treacey Piano Co., 518 W 55th
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Faber Piano Co., 351 Rider av
*Fischer J. & C., 417 W 28th
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*Gabler Ernest & Bro., 347 Rider av
*Gordon Piano Co., 709 Whitlock av
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*Milton Piano Co., 772 12th av
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*Rudolf Piano Co., 220 So. blvd
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Steinway & Sons, 109 E 14th
*Stuyvesant Piano Co., 605 E 132d
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Tonk Wm. & Bro., 456 10th av
*Warde Piano Co., 127 W 24th
*Waters Horace & Co., 134 5th av
*Weber Piano Co., 29 W 42d
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YONKERS—Steadman Frank

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*Cable Piano Co., 137 W 4th (See Cable Co., Chicago, Ill.)
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Ellington Piano Co., Eden Park Entrance
Krell Piano Co., 9th & Harriet
Smith & Nixon Mfg. Co., 126 W 4th
Starr Piano Co., 27 W 4th
Steinway & Sons, 118 W 4th av
*Wurlitzer Rudolph Co., 121 E 4th av
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MARION—*Ackerman Henry Piano Co.
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Lester Piano Co., 1308 Chestnut
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Miller Henry F. & Sons Piano Co., 1105 Chestnut
Nittinger S., 1204 N 5th
Schoenhut A. Co. (Toy), Adams & Sepirva
Stetson N. & Co., 1111 Chestnut
Todd Harold B., 1431 Brown
PITTSBURGH—Frederick W. F. Piano Co., 635 Smithfield
Kleber Piano Co.,237 5th av
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Vandyke Piano Mfg. Co.
WARREN—Warren Piano Co.
YORK—*Weaver Piano Co. (Also Player Piano)

TEXAS.

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Southern Piano & Organ Co.

VERMONT.

BRATTLEBORO—Estey Organ Co.

WISCONSIN.

MARINETTE—Kreiter Mfg. Co. (See Milwaukee, Wis.)
MENOMONIE—Holland Piano Mfg. Co.
MILWAUKEE—Conrad Piano Mfg. Co., 264 N Water
Gram Edmund, 414 Milwaukee
Kreiter Mfg. Co., 1043 Winnebags
*Milwaukee Piano Mfg. Co., 183 3d
Netzow C. F. Mfg. Co., 1st & Becker
*Waltham Piano Co., Becker av & 1st
SHEBOYGAN—*Miller S. W. Piano Co.

10843— Pickaroons

See also Tools, Logging

American Logging Tool Co., Evart, Mich.
Ransome-Leach Co., 115 B'way, New York
Warren Axe & Tool Co., Warren, Pa.

10844— Pickers (Bean)

Bacon Mfg. Co., Pontiac, Mich.
Owens J. L. Co., Fulton & S E Huron, Minneapolis, Minn.

10845—Pickers (Coffee & Peanut)

Benthall Machine Co. (Peanut), 115 Shoop, Suffolk, Va.
Heebner & Sons ("Little Giant" Peanut), Lansdale, Pa.
Lambert Machine Co., Marshall, Mich.

Pickers (Corn)

See Pickers & Huskers, Corn

10846— Pickers (Fruit)

Conn A. H. (Apple Pickers), Cedar Rapids, Ia.
Darby Edw. & Sons Co. ("Pennsylvania"), 239 Arch, Phila., Pa.
Grimshaw, Young & Co., Lowell, Mass.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Komada Bros., 1008 Vine, Phila., Pa.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Parker Wire Goods Co. (Galvanized & Returned Wire), Worcester, Mass.
Royal Mfg. Co., Denckla bldg, Phila, Pa.
Wedmore D. A. & Co. ("Pennsylvania"), Camden, N. J.
Woods-Sherwood Co. ("Peerless," "Perfect," Wire), Worcester, Mass.

10847— Pickers (Pea)

Gordon L. S. Elizabeth City, N. C.

10848—Pickers & Huskers (Corn)

Appleton Mfg. Co. ("Appleton-Goodhue"), Batavia, Ill.
International Harvester Company of America (Inc.), ("Deering," "McCormick"), Harvester Building, Chicago, Ill.
Steiner August, Homestead, Ill.

10849— Pickets (Wire)

Cyclone Fence Co., Waukegon, Ill.
Stowell Co. The, So. Wilwaukee, Wis.

10849a— *Pickets (Wood)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Picks (Asphalt & Concrete)

See Picks, Mattocks & Grub Hoes

10850— Picks (Boiler)

Brewer Bros. Co. (Cast Steel), 614 Filbert, Phila., Pa.
Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Stortz John & Son, 210 Vine, Phila., Pa.

Picks (Clay)

See Picks, Mattocks & Grub Hoes

Picks (Coal)

See Picks, Mining

Picks (Coal Puncher)

See Picks, Mining Machine

Picks (Contractors')

See Picks, Mattocks & Grub Hoes)

Picks (Drifting)

See Picks, Mattocks & Grub Hoes

10851—Picks (Dutch Head & Point)

Hardsocg Mfg. Co., Ottumwa, Ia.

10852—Picks (Fireman's Truck)

Black John B. Co. ("Wm. Beatty & Sons"). Chester, Pa.

10853— Picks (Flax Tow)

Foster & Williams Mfg. Co., Racine, Wis.

10854 Picks (Hookaroon)

See also Tools, Logging

American Logging Tool Co., Evart, Mich.
Ransome-Leach Co., 115 B'way, New York
Warren Axe & Tool Co. ("Bulldog"), Warren, Pa.

10855— Picks (Ice)

Arcade Mfg. Co. (Also Sliding Pick), Freeport, Ill.
Bodenstein J. G. & Co., Staatsburg, N. Y.
Bradley G. W. Axe & Tool Mfg. Co. (Household), Newburgh, N. Y.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Browne W. G. Mfg. Co. ("Browne," Needle Pointed), Kingston, N. Y.
Browne & Dowd Mfg. Co., Meriden, Conn.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Burgess & Norton Mfg. Co. ("Bur-Nor" Ice Pick & Shaver Combined), Geneva, Ill.
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Crank & Carrier Mfg. Co., Elmira, N. Y.
Deuse J. S., Chester, Conn.
Dover Stamping & Mfg. Co., Cambridge, Mass.
Duffy Mfg. Co., 214 W Grand av, Chicago, Ill.
Gifford-Wood Co. (Splitting Awl, etc), Hudson, N. Y.
Gilchrist Co., 236 Bank, Newark, N. J.
Glendale Mfg. Co. (Three Prong), 1 Madison av, New York
Goodell-Pratt Co., Greenfield, Mass.
Hills Edwin, Plainville, Conn.
Knickerbocker Mfg. Co., Belleville, N. J.
Landers, Frary & Clark (Steel Blade), New Britain, Conn.
Mayhew H. H. Co., Shelburne Falls, Mass.
National Mfg. & Steel Supply Co. (& Shaver), 781 Summit, Newark, N. J.
Nicol & Co. (White City"), 218 N Jefferson, Chicago, Ill.
Osborne C. S. & Co., Harrison, N. J.
Parkinson Edw. Mfg. Co. ("Royal," "Old Doctor"), 84 Sprague, Providence, R. I.
Peck, Stow & Wilcox Co., Southington, Conn.
Potter Mfg.Co. (Steel, Wood Handle), Geneva, O.
Robinson M. W. Co., 203 37th, Brooklyn, N. Y.
Rocky Hill Hardware Co. (Awls, Chisels & Picks), Rocky Hill, Conn.
Sargent & Co., New Haven, Conn.
Snell Mfg. Co., Fiskdale, Mass.
Stanley Rule & Level Co. ("Hurwood"), New Britain, Conn.
Stephens A. W. Mfg. Co. ("Acme"), Waltham, Mass.
Stephenson Mfg. Co. (Hickory Handle), South Bend, Ind.
Stortz John & Son, 210 Vine, Phila., Pa.
Stover Mfg. Co. ("Ideal"), Freeport, Ill.
Swan Jas. Co., Seymour, Conn.
S. & I. Co. (Scratch Awl Pattern), Springfield, Mass.
Thayer Mfg. Co., Williamsburg, Mass.
Thomson Drop Forge Co., Plantsville, Conn.
Tuck Mfg. Co. (Ice Awls), Brockton, Mass.
Walker C. L. & Co. ("Walker's," Spring & Solid), 656 W 12th, Erie, Pa.
White Ira F. & Son, Bloomfield, N. J.
Williams A. C. Co., Ravenna, O.
Wrightsville Hdwe. Co., Wrightsville, Pa.

Picks (Locomotive Coal)

See Picks, Mattocks & Grab Hoes

10856—Picks, Mattocks & Grub Hoes

See also Picks, Mining

American Axe & Tool Co. (Adze Eye Pick, etc), Glassport, Pa.
Ames Plow Co., Quincy Hall, Boston, Mass.
Beall Bros. (Solid Steel), Alton, Ill.
Black John B. Co. ("Wm. Beatty & Sons"), Chester, Pa.
Bradley G. W. Axe & Tool Mfg. Co., Newburgh, N. Y.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Colclesser Bros., El Dorado, Pa.
Collins Co., Collinsville, Conn.
Cronk & Carrier Mfg. Co. (Garden Mattocks & Grub Hoes Only), 150 Lake, Elmira, N. Y.
See adv index at end of book
Evansville Tool Works, Evansville, Ind.
Gerber Louis & Son, 66 Water av, Pittsburgh, Pa.
Hardsocg Mfg. Co. ("Black Diamond"), Ottumwa, Ia.
Harringford Mfg. Co. ("Harringford" Detachable Points), 148 State, Boston, Mass.
Higgins John C. ("Higgins"), 812 W Kinzie, Chicago, Ill.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.
Isele A. W. & Son, 51 Pitt, Boston, Mass.
Kalamazoo R'y Supply Co., Kalamazoo, Mich.
Kern, Fleetwood, Pa.
Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Mixter J. W. Saw Tool Co. ("XX," Cutters, Mill Stone), Plymouth, Mass.
Mohr E. H., Vera Cruz, Pa.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Oliver Iron & Steel Co. (Pick & Long & Short Cutter), S 10th & Muriel, Pittsburgh, Pa.
Plumb Fayette R. (Inc), Tucker & James, Phila., Pa.
Pollard Jos. G., 141 Raymond, Brooklyn, N. Y.
Sargent & Co., New Haven, Conn.
Sprout, Waldron & Co., Muncy, Pa.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Union Drop Forge Co., 358 W Grand av, Chicago, Ill.
Verona Tool Works, Oliver bldg., Pittsburgh, Pa.
WARREN TOOL & FORGE CO., Warren, Ohio
Warwood Tool Co., Warwood, Wheeling, W. Va.
Weston Thos. B., 708 Light, Baltimore, Md.
What Cheer Tool Co. ("What Cheer"), What Cheer, Ia.

Picks (Mill)

See Picks, Mattocks & Grub Hoes)

10857— Picks (Mining)

American Axe & Tool Co., Glassport, Pa.
American Mining Tool Co. ("Scott," Cutting & Mining), Ottumwa, Iowa
Beall Bros. (Inc.) (Solid Steel), Alton, Ill.
Dooley Bros. (Jobbers), 604 S Adams, Peoria, Ill.
Evansville Tool Works, Evansville, Ind.
Fulton Tool Works ("Fulton" Coal), Canal Fulton, O.
Gill Mfg. Co., Phillipsburg, Pa.
Hardsocg Mfg. Co. ("Black Diamond," Coal), Ottumwa, Ia.
Hardsocg Martin Co., 922 South av, Pittsburgh, Pa.
Harringford Mfg. Co. ("Harringford" Detachable Points), 148 State, Boston, Mass.
Hubbard & Co. (Coal, etc.), 63d & Butler, Pittsburgh, Pa.
Ingersoll-Rand Co. ("Crown," "Imperial," for Coal), 11 B'way, New York
See adv index at end of book
Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.
Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.
Leetonia Tool Co., Leetonia, O.
Oliver Iron & Steel Co. (Coal, etc.), S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
Pittsburgh Trolley & Forge Co., Pittsburgh, Pa.
Plumb Fayette R. (Inc), Tucker & James, Phila, Pa.
Salem Tool Co. ("C. M. Day" Coal), Salem, O.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Union Drop Forge Co. (Solid Steel Forged), 358 W Grand av, Chicago, Ill.
Verona Tool Works, Oliver bldg., Pittsburgh, Pa., & Verona, Pa.
Warren Tool & Forge Co., Warren, O.
Warwood Tool Co. ("Warwood" & "Columbia" Coal Picks), Warwood, Wheeling, W. Va.
What Cheer Tool Co. ("What Cheer" Coal), What Cheer, Ia.

10858—Picks (Mining Machine)

Beall Bros., Alton, Ill.
Gerber Louis & Son, 66 Walter av., Pittsburgh, Pa.
Hardsocg Martin Co. (Puncher), 922 South av, Pittsburgh, Pa.
Iron City Tool Works (Ltd.) (Coal or Puncher), 3201 Smallman, Pittsburgh, Pa.
McKay Jas. Co., Pittsburgh, Pa.
Pittsburgh Knife & Forge Co. (Puncher Picks), 709 Belmont, Pittsburgh, Pa.
Pittsburgh Trolley & Forge Co., Pittsburgh, Pa.
Valley Forging Co. (Puncher Picks), Verona, Pa.
Warren Tool & Forge Co., Warren, O.
Warwood Tool Co., Warwood, Wheeling, W Va.
Western Tool & Forge Co. (Puncher), Brackenridge, Pa.

10859— Picks (Peavey)

American Logging Tool Co., Evart, Mich.

Picks (Poll)

See Picks, Mattocks & Grub Hoes

Picks (Prospecting)
See Picks, Mattocks & Grub Hoes

Picks (Puncher)
See Picks, Mining Machine

Picks (Stone)
See Picks, Mattocks & Grub Hoes

Picks (Surface)
See Picks, Mattocks & Grub Hoes

Picks (Tamping)
See Picks, Mattocks & Grub Hoes

Picks (Tie)
See Picks, Mattocks & Grub Hoes

10860—Picks-Ups (Trolley Wire)
Electric Service Supplies Co. ("Improved St. Louis"), 17th & Cambria, Phila., Pa.
Ohio Brass Co., Mansfield, O.

10861—*Picric Acid Apparatus
Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

10862—Picture Cable (Flexible Moving)
Driver-Harris Co., Harrison, N. J.

10862a— *Picture Frames
Schimper William & Co., 322-338 Ferry, Hoboken, & 33 Union sq W, New York

10862b—*Pieces (Wood Mouth)
Estes E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*

10863— Piezometers
American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
Simplex Valve & Meter Co., 110 N Broad, Phila., Pa.

Pig Aluminum
See Ingots, Aluminum

Pig Copper
See Ingots, Brass & Copper

10864— Pig Forceps
Leavitt Mfg. Co. ("Dr. Leavitt"), Urbana, Ill.
Pratt Wm. E. Mfg. Co. ("Dr. Mendenhall's"), 35 W Lake, Chicago, Ill.

Pig Iron Mfrs.
See Blast Furnaces

10865—Pig Iron & Coke Dealers
See also Blast Furnaces
Addy Matthew Co., 1st National Bank bldg, Cincinnati, O.
American Rolling Mill Co. ("Armco" Ingots), Middletown, Ohio.
Banning, Cooper & Co. (Ltd.), Oliver bldg, Pittsburgh, Pa.
Berger-Aiken Coal Co., Benedum Trees bldg, Pittsburgh, Pa.
Bixler Coal & Coke Co., Fulton bldg, Pittsburgh, Pa.
Bourne-Fuller Co., Hickox bldg, Cleveland, O.
Breen Wm. J. Co. ("Sloss-Sheffield" Brands), 84 State, Boston, Mass.
Breitung E. N. & Co., Cleveland, O.
Corrigan, McKinney & Co., Cleveland, O.
Cox Justice, Jr., & Co., Land Title bldg, Phila., Pa.
Crocker Bros., 21 E 40th, New York
Debevoise-Anderson Co., 56 Liberty, New York
Domhoff & Joyce Co., 4th & Elm, Cincinnati, O.
Eaton, Rhodes & Co., 1st Nat. Bank bldg, Cincinnati, O.
Fairbanks & Co., Wade bldg, Cleveland, Ohio
Gano, Moore & Co., Land Title bldg, Phila., Pa.
Hanna M. A. & Co., Cleveland, O.
Heyward Thos. R. Co., Farmers Bank bldg, Pittsburgh, Pa.
Horner W. S. & C., Oliver bldg, Pittsburgh, Pa.
Isham Phillips, 55 Liberty, New York
Law Ernest & Co., Harrison bldg, Phila., Pa.
Lea J., Tatnall & Co., Stephen Girard bldg., Phila., Pa.
McKeefrey & Co., Leetonia, O.
Matlack Coal & Iron Corp., 52 Vanderbilt av, New York
Moffat Frank D. & Co., 81 Fulton, New York
Mohr J. J. & Son, Bullitt bldg, Phila., Pa.
Oglebay, Norton & Co., Wade bldg, Cleveland, O.
Park & Williams Inc., Real Estate Trust bldg, Phila., Pa.
Pickands, Brown & Co., 332 S Michigan av, Chicago, Ill.
Pickands, Mather & Co., Western Reserve bldg, Cleveland, O.
Pierpiont, James & Sons Co., Morris bl, **Phila., Pa.**
Pilling & Crane, Real Estate Trust bldg, Phila., Pa.
Pullman & Stevens, Penna. bldg, Phila., Pa.
Rogers, Brown & Co., 77-78 Carew bldg, Cincinnati, O.
SAMUEL FRANK, Harrison bldg, Phila., Pa. *See adv index at end of book*
Shook & Fletcher Supply Co. (Pig Iron), Birmingham, Ala.
Snyder W. P. & Co., Oliver bldg, Pittsburgh, Pa.
Squier Ed. E. Co. (Coke), Federal Reserve Bank bldg), St. Louis, Mo.
Stewart Iron Co. (Ltd.), Rockefeller bldg., Cleveland, O.
Superior Charcoal Iron Co., Grand Rapids, Mich.
Tennant C. Sons & Co. of N. Y. ("Scotch" & "English" Pig Iron, Imp.), 100 William, New York
Walter-Wallingford & Co., Traction bldg, Cincinnati, O.

10866— Pig Tails (Copper)
American Pig Tail Co., St. Marys, Pa.
Salem Electrical Supply Co., Salem, Mass.

Pig Zinc
See Ingots, Zinc

Pigeons (Clay)
See Traps & Targets, Trap Shooting

10866a—*Pigeons (Wood-decoy)
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

10867— Pigments
Acheson Graphite Co. (Graphite), Niagara Falls, N. Y.
Akron Pigment Co. (Alumina), Akron, O.
Doggett Stanley, 11 Cliff, New York
HARRISON WORKS (Du Pont), 35th & Grays Ferry rd, Phila., Pa.
International Silica Co., Cairo, Ill.
KREBS PIGMENT & CHEMICAL CO. (Lithopone), Newport, Del.
Scheel Wm. H. (White & Brown), 159 Maiden la, New York
Smith J. Lee & Co. (Turkey Umber), 19 Jacob, New York
Tamms Silica Co. (Paint), Tamms, Ill.
Wetherill S. P. (White & Brown), Morris bl, Phila., Pa.

10868 Pigments (Rubber)
Doggett Stanley, 11 Cliff, New York.
Scheel Wm. H. (Imported), 159 Maiden la, New York

10869— Pigs (Nitre)
Pratt Engineering & Machine Co., Atlanta, Ga.

10870— Pile Driver Fittings
Vulcan Iron Works, 327 N Irving av, Chicago, Ill.

Pile Drivers (Pneumatic)
See Pneumatic Pile Drivers

10871—Pile Drivers (Railroad Car)
Browning Co., E 162d & Waterloo rd, Cleveland, O.
Bucyrus Co. (Locomotive), South Milwaukee, Wis.
Industrial Works, Bay City, Mich.
Toledo Foundry & Machine Co., Toledo, O.

Pile Drivers (Sheet)
See Pneumatic Pile Drivers

Pile Driving Contractors
See Dock Builders

10872— Pile Shoes
Channon Jas. H. Mfg. Co. (Points or Shoes), 227 W Erie, Chicago, Ill.
Gracey R. & Sons Co., 115 1st av, Pittsburgh, Pa.
Harry L. C. Co., 114 Liberty, New York ridge, Buffalo, N. Y.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Janney, Steinmetz & Co., 1421 Chestnut, Phila., Pa.
McGookin D. H. & Co., 1630 N 9th, Phila., Pa.
Vulcan Iron Works, 327 N Irving av, Chicago, Ill.

10873— Piles (Cement)
Cranford Construction Co., Gerke bldg, Cincinnati, O.

10874— Piles (Concrete)
Carey Construction Co. (Engineers & Contractors), Cleveland, O.
Chesley, Earl & Heimbach, 20 Breckenridge, Buffalo, N. Y.
Cranford Construction Co., Gerke bldg, Cincinnati, O.
Cranford Paving Co., 2620 E N W Washington, D. C.
Cummings Structural Concrete Co. (Reinforced), Benedum Trees bldg, Pittsburgh, Pa.
Electric Welding Co., Benedum Trees bldg, Pittsburgh, Pa.
Great Lakes Dredge & Dock Co., 104 S Michigan av, Chicago, Ill.
Hill Clutch Co., 1000 W 58th, Cleveland, O
MacArthur Concrete Pile & Foundation Co. (Pedestal), 120 Broadway, New York
Monks-Ripley Pile Co. ("Ripley" Combination Concrete & Wood), 82 Beaver, New York
RAYMOND CONCRETE PILE CO., 140 Cedar, New York
Simmons John Co. (Pile Casings), 110 Centre, New York
Simplex Concrete Piling Co. ("Simplex"), 3400 Disston, Phila., Pa.
Smith & Brennan Pile Co. (Reinforced, Corrugated), Main & Angelica, St. Louis, Mo.
Underpinning & Foundation Co. ("Hercules" Steel), 290 B'way, New York

Piles (Creosoted)
See Creosoting Works

10875—Piling (Interlocking Steel)
American Bridge Co., 30 Church, New York
Cambria Steel Co., Widener bldg, Phila., Pa.
Carnegie Steel Co. ("Friestedt" Interlocking Channel Bar, "United States"), Carnegie bldg, Pittsburgh, Pa.
Jones & Laughlin Steel Co. (Sheet), Ross, Pittsburgh, Pa.
Lackawanna Steel Co. ("Lackawanna"), Buffalo, N. Y.
Mitchell-Tappen Co., 15 John, New York
Wemlinger Steel Piling Co., 149 B'way, New York

Piling Lumber
See Ties, Poles & Posts

Piling (Sheet Steel)
See Piling, Interlocking Steel

10875a— *Pillars (Wood)
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Pillows (Air, Rubber)

See Cushions, Beds & Pillows, Air, Rubber

10876— Pilocarpine

Hoffmann-La Roche Chemical Works, 440 Washington, New York

10877—Pin Cushions & Jewel Boxes (Combined)

Arlington Works The (E. I. du Pont de Nemours & Co.), 21 E. 40th, New York

10878— Pincers

Arcade Mfg. Co. (Cast Iron), Freeport, Ill.
Buffum Tool Co. ("Swastika" Blacksmiths,' Carpenters,' Farriers,' Clinching, etc), South Side, Louisiana, Mo.
Champion Tool Co. ("Maud-S," "Favorite" Farriers,' "Our Pride," Common & Hardware), Meadville, Pa.
Dicke Tool Co. (Farriers, etc), Downers Grove, Ill.
Emrich Phil (Tanners'), 824 Main, Cincinnati, O.
Enderes Inc. (10½", 8½" & 6½"), Albert Lea, Minn.
Germantown Tool Works (Blacksmiths & Farriers', etc.), 520 Commerce, Phila., Pa.
Gray Iron Foundry Co. (Plain & Nickel plated), Reading, Pa.
Grey Iron Casting Co., Mt. Joy, Pa.
Heller Bros. Co. (Blacksmiths & Farriers), 879 Mt. Prospect av, Newark, N. J.
Osborne C. S. & Co. (Saddlers), Harrison, N. J.
Reading Saddle & Mfg. Co. ("Reading Household), Reading, Pa.
Sargent & Co. (Carpenters, Horse Shoeing), New Haven, Conn.
Smith H. D. & Co. ("S,," "H. D. S. & Co." Blacksmiths' Shoeing, Carpenters,' Farriers,' Drop Forged), Plantsville, Conn.
Smith & Hemenway Co. Inc. (Carpenters), 261 B'way, New York, 131 Coit, Irvington, N. J.
See adv index at end of book
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Star Heel Plate Co., Hamburg pl, Newark, N. J.
Vaughan & Bushnell Mfg. Co. ("V. & B."), Drop Forged, Carpenters', Blacksmiths' Farriers'), 2114 Carroll av, Chicago, Ill.
Washington Cutlery Co. ("Village Blacksmith," Blacksmiths & Furriers), Watertown, Wis.
Washington Tool Co. ("Larson" Combination, etc), Owatonna, Minn.
Williams A. C. Co., Ravenna, O.
Wrightsville Hardware Co. (Carpenters, etc), Wrightsville, Pa.

10879—Pincers (Tanners' Tackling)

Emrich Phil., 824 Main, Cincinnati, O.

10879a—*Pinion Rod (Hobbed)

MEISSELBACH-CATUCCI MFG. CO., 25 Congress, Newark, N. J.
See adv index at end of book

Pinions

See Gears & Pinions

10880—*Pinions (Car Motor)

BOSSERT CORP. THE, Utica, N. Y.
See adv index at end of book
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

10881— *Pinions (Cut)

NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

Pinions (Electric Railway)

See Gears & Pinions

10882—Pinions (Jewelers' Scale)

Bracher Co., Belleville, N. J.

10883—*Pinions (Made to Order)

NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

10884—*Pinions (Mine Motor)

GENERAL ELECTRIC CO. ("Fabroil"), Schenectady, N. Y.
See adv index at end of book
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

10885—*Pinions (Mining Machine)

NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

10886—*Pinions (Pressed Steel)

NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

Pinions (Rawhide)

See Gears & Pinions, Rawhide

Pinions (Rolling Mill)

See Gears, Mill

10887—Pins (Air Brake & Knuckle)

Alloy Steel Forging Co. (Knuckle), Carnegie, Pa.
Bethlehem Steel Co., So Bethlehem, Pa.
Cambria Steel Co., Widener bldg, Phila., Pa.
Champion Rivet Co., Cleveland, O.
Cleveland City Forge & Iron Co., Cleveland, O.
Etna Forge & Bolt Co., 808 House bldg, Pittsburgh, Pa.
Hubbard & Co. (Steel), 63d & Butler, Pittsburgh, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Oliver Iron & Steel Co., 10th & Murial, Pittsburgh, Pa.
Otis, Spencer & Co., 80 E Jackson blvd, Chicago, Ill.
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Scranton Bolt & Nut Co., Scranton, Pa.
Steel Car Forge Co., Pittsburgh, Pa.
Valley Forging Co., Verona, Pa.
Western Railway Equipment Co. (& Knuckle), Central Nat. Bank bldg, St. Louis, Mo.
Western Tool & Forge Co., Brackenridge, Pa.

10888— Pins (Belaying)

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Laughlin Thos. Co. (Wood, Brass & Galvanized), Portland, Me.
McMillan's W. H. Sons, 153 South, New York
Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.
Marine Hardware-Euipment Co., South Portland, Me.
Wilcox, Crittenden & Co., Middletown, Conn.

10889— Pins (Bending)

Carver Tool Works, Spring Valley, N. Y.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Wolverine Brass Works, Grand Rapids, Mich.

10890— Pins (Blanket)

Consolidated Safety Pin Co., Bloomfield, N. J.
Kohler F. E. Co. ("Ideal"), Canton, O.
Oakville Co., Waterbury, Conn.
Reynolds Mfg. Co., Toledo, O.
Waterbury Mfg. Co., Waterbury, Conn.

10891— Pins (Bowling)

See also Ten-Pins

Bogert & Hopper, 67 Barclay, New York
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Klumpp's John G. Sons, 13 Baxter, New York
Labaugh & Armstrong Wood Turning Co., 50 Ann, New York

10892— Pins (Brass, Dress, Etc.)

American Pin Co. ("Ampinco"), Waterbury, Conn.
Crescent Brass & Pin Co. (Bank & Office Brass), 1150 Trumbull, Detroit, Mich.
Lightning Needle Co., 560 B'way, New York
National Pin Co. ("Captain"), Derby, Conn.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Oakville Co. ("Sovran"), Waterbury, Conn.
Star Pin Co. (Brass, Mourning, Hair, etc), Derby, Conn.
Sterling Pin Co., Derby, Conn.

10893—Pins (Bricklayers' Line)

Brewer Bros Co. (Wrought) 614 Filbert, Phila., Pa.
Stortz John & Son, 210 Vine, Phila., Pa.

10894—Pins (Butchers' Block)

Brecht Co., 1201 Cass av, St. Louis, Mo.
Vaughan & Bushnell Mfg. Co. ("V. & B." (Wrought Steel), 2114 Carroll av, Chicago, Ill.

10895— Pins (Button Badge)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Oakville Co., Waterbury, Conn.

10896— Pins (Clamp)

Hubbard & Co. ("Peirce" for Crossarms), 63d & Butler, Pittsburgh, Pa.

10897— Pins (Clothes)

Campbell & Keppen, Lamont, N. Y.
Clark J. R. & Co. ("Hoyt's" Spring), 2d av N & Aldrich, Minneapolis, Minn.
Cupples Sam'l Woodenware Co., 7th & Spruce, St. Louis, Mo.
Demeritt Co. ("Hold Fast" Spring), Waterbury, Vt.
Escanaba Mfg. Co., St. Louis, Mo.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

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Mann Lewis M. & Son, West Paris, Me.
National Spring Clip Co. ("Moore's" Spring), Montpelier, Vt.
Oval Wood Dish Co., Delta, O.
Peirce W. E. & Co., Milford, N. H.
Richardi & Bechtold, Bellaire, Mich.
Richmond Cedar Works, Richmond, Va.
Sonestown Mfg. Co., Williamsport, Pa.
Tennant Sherman (Est. of), Northville, N. Y.
U. S. Clothespin Co. ("Bull Dog Grip," "U. S." & "Putnam" Spring), Montpelier, Vt.
Weston Paper & Mfg. Co., Dayton, O.
Wire Hardware Co. ("No. 183" Spring), 6126 S La Salle, Chicago, Ill.

10897a—*Pins (Cooperage)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

10897b— Pins (Cotter)

See also Cotters & Keys, Spring

Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book

Pins (Coupling)
See Links & Pins, Coupling

10898— Pins (Crank)
Braeburn Steel Co., Braeburn, Pa.
Cambria Steel Co., Widener bldg, Phila., Pa.
Carbon Steel Co., ft 32d, Pittsburgh, Pa.
Philadelphia Steel & Forge Co., 50 Church, New York

Pins (Curtain)
See Pins, Drapery

10899— Pins (Dowel)
See also Dowels, Various Kinds
AMERICAN STEEL & WIRE CO. (Barbed), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Atlas Tack Co., Fairhaven, Mass
Bogert & Hopper (Wooden), 67 Barclay, New York
Cleveland Galvanizing Works Co. ("Titwell" Brass), 3924 Cooper av, Cleveland, O.
ESTES E. B. & SONS (Wooden), 364 5th av, New York
See adv index at end of book
Federal Malleable Co. ("Fraser" Malleable Iron Pattern Makers), West Allis, Wis.
Grand Crossing Tack Co., So. Chicago av & 79th, Chicago, Ill.
Grayling Dowel Co., Grayling, Mich.
Hardware Supply Co., Grand Rapids, Mich.
Hickson-Roger Mfg. Co., Paragould, Ark.
Igoe Bros. (Barbed), 69 Metropolitan av, Brooklyn, N. Y.
Kansas City Bolt & Nut Co. (Wrought Iron), Kansas City, Mo.
Kearsarge Peg Co., Bartlett, N. H.
Keystone Friction Hinge Co., Williamsport, Pa.
Kokomo Steel & Wire Co. (Barbed), Kokomo, Ind.
Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.
Morgan Spring Co. (Barbed), Worcester, Mass. *See adv index at end of book*
MORSE, FRANK W. (Smooth Grooved & Threaded Brass), 289 Congress, Boston, Mass. *See adv index at end of book*
Norton Iron Works (Barbed), Ashland, Ky.
Oliver Machinery Co. (Brass), Grand Rapids, Mich.
Parker Wire Goods Co. (Barbed), Worcester, Mass.
Philadelphia Machine Screw Works, 624 Race, Phila., Pa.
Philips, Townsend & Co., N 4th & Glenwood av, Phila., Pa.
Pittsburgh Steel Co., 5th av & Grant, Pittsburgh, Pa.
Rowe Henry Mfg. Co. (Wood), Newaygo, Mich.
Shanafelt Mfg. Co. (Brass & Wood), Canton. O.
South Bend Dowel Wks., South Bend, Ind.
Stephenson Mfg. Co. (Pointed & Spiral Grooved, etc), South Bend, Ind.
Townsend Co., New Brighton, Pa.
Wellman Pattern Supply Co. (Pattern Makers', Wood & Metal), Cleveland, O.
Winkley Co. ("Winkley" Brass for Pattern Makers), Detroit, Mich.

10900— Pins (Drapery)
American Pin Co., Waterbury, Conn.
Berbecker & Rowland Mfg. Co., Waterville, Conn.
Gould-Mersereau Co., 52 W 38th, New York
Judd H. L. Co., 87 Chambers, New York
Oakville Co., Waterbury, Conn.
Turners & Seymour Mfg. Co., Torrington, Conn.

10901— Pins (Drift)
Buffum Tool Co. ("Swastika," Plumbers') South Side, Louisiana, Mo.
Channon Jas H. Mfg. Co., 227 W Erie, Chicago, Ill.
Cleveland Punch & Shear Works Co. (Also Barrel, Flask, etc.), 3921 St. Clair av, N E, Cleveland, O.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lovejoy Tool Works, 319 W Ohio, Chicago, Ill.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Knife & Forge Co. (Structural Workers), 709 Belmont, Pittsburgh, Pa.
Pittsburgh Trolley & Forge Co., Pittsburgh, Pa.
Racky Albert C, 531 S 5th av, Chicago, Ill.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Vichek Tool Co. ("Vichek"), 10711 Quincy av, Cleveland, O.
Vulcan Tool Mfg. Co., Quincy, Mass.

10902— Pins (Florists')
Triple Sign Co. (Inc.) (Brass Safety Clips), Connersville, Ind.

10902a— Pins (Hair)
Allen McNerney & Co. (Horn), Attleboro, Mass.
Blodgett B. F. & Co. (Barrettes), Leominster, Mass.
Damon Co., (Horn), Leominster, Mass.
Earl W. D. & Co (Horn & Celluloid), Leominster, Mass.
Fitchburg Horn Goods Co., Fitchburg, Mass.
Grote F. & Hubbell Co. (Ivory), 82 4th av, New York
Howe Comb Co. (Horn), Leominster, Mass.
Hump Hair Pin Mfg. Co., 1918 Prairie av, Chicago, Ill.
Pacific Novelty Co. (Also Ornaments), 41 E 11th, New York
Queen Hair Pin Co. (Horn), Leonminster, Mass.
Rice & Hochester (Tortoiseshell), 87 5th av, New York
Smith & Sons Co., 200 5th av, New York
Star Pin Co., Shelton, Conn.
Sterling Pin Co. (Wire), Derby, Conn.

10903— Pins (High Tension)
Fletcher Mfg. Co., Dayton, O.
Harrison Electric Co., 411 Van Brunt, Brooklyn, N. Y.

10904— Pins (Hinge)
Corbin Screw Corporation, New Britain, Conn.
DETROIT SCREW WORKS, 348 Franklin Detroit, Mich.
See adv index at end of book
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
National-Acme Mfg. Co., 7500 Stanton av. S E, Cleveland, O.
Reed & Prince Mfg. Co., Worcester, Mass.
Western Automatic Machine Screw Co., Elyria, O.

Pins (Horse Blanket)
See Pins, Blanket

10905— Pins (Husking)
See also Huskers & Shredders, Corn
Clark R. F., 54 W Lake, Chicago, Ill.
Clauss Shear Co., Fremont, O.
Cleveland Lock Works, Cleveland, O.
Kees F. D. Mfg. Co., Beatrice, Neb.
Pratt Wm. E. Mfg. Co. ("The Pratt"), 35 W Lake, Chicago, Ill.
Wallingford Mfg. Co., Wallingford, Vt.

Pins (Insulator)
See Insulator Pins & Brackets

Pins (King)
See Bolts, King

10905a— Pins (Knitting)
Estes E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*

Pins (Knuckle)
See Pins, Air Brake & Knuckle

10906—Pins (Moulders' Flask)
Milwaukee Foundry Supply Co. ("Frazer's" Adjustable Malleable Iron), Milwaukee, Wis.

10907— Pins (Ox Bow)
Sawyer O. C. ("Varnam"), Sharon, Vt.

10908—Pins (Picket or Tent)
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Niagara Falls Metal Stamping Works (Picket & Tent), Niagara Falls, N. Y.
Oliver Iron & Steel Co. (Straight or Spiral), S 10th & Muriel, Pittsburgh, Pa.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Stowell Co., The, So Milwaukee, Wis.

10909—*Pins (Piston, Hardened & Ground)
DETROIT SCREW WORKS, 348 Franklin Detroit, Mich.
See adv index at end of book

10910— Pins (Push)
Moore Push Pin Co. ("Moore"), 133 Berkley, Phila., Pa.
Roeti-Hunt Corp. ("Hunt"), Putnam, Conn.

10911— Pins (Rawhide)
Chicago Rawhide Mfg. Co., 1301 Elston av, Chicago, Ill.
Clipper Belt Lacer Co. (Twisted 12 inches long), 1042 Front av, Grand Rapids, Mich.
See adv index at end of book
Simmons Mfg. Co. ("Twisted"), 77th & Lyons av., Phila., Pa.

10912— Pins (Reach)
Harvey Spring & Forging Co., Racine, Wis.

10913— Pins (Rolling)
American Bread & Pastry Board Co., Cambridge, O.
Bogert & Hopper (Wooden), 67 Barclay, New York
Cassady Fairbank Mfg. Co. (Wood), 6126 S La Salle, Chicago, Ill.
Chapman-Sargent Co. (Solid Handle, Revolver, etc), Perrysburg, O.
Cummer Mfg. Co., Cadillac, Mich.
Cupples Samuel Woodenware Co., 7th & Spruce, St. Louis, Mo.
Estes E. B. & Sons (Wooden), 364 5th av, New York. *See adv index at end of book*
Prouty C. & Co., Eldred, Pa.
Richardi & Bechtold, Bellaire, Mich.
Silver & Co., 308 Hewes, Brooklyn, N. Y.
Sommer Jno. Faucet Co. (Wooden), 355 Central av, Newark, N. J.
Stephenson Mfg. Co. (Wooden), South Bend, Ind.
Thurman Mfg. Co., Madera, Cal.

10914— Pins (Safety)
American Pin Co. ("Ampinco"), Waterbury, Conn.
Consolidated Safety Pin Co. ("Stewart," "Consapico," "Duplex"), Bloomfield N. J.
Francis Mfg. Co., Niagara Falls, N. Y.
Judson Pin Co., Rochester, N. Y.
Kelly F. Co., Derby, Conn.
Oakville Co. ("Clinton," "Damascus," "Treasure," "Defender"), Waterbury, Conn.
Seymour Metal Goods Co., Seymour, Conn.

10915— Pins (Sash)
See Nails, Wire
Kearsarge Peg Co. (Wood), Bartlett, N. H.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Pierce W. E. & Co. (Wood), Milford, N. H.
Western Brass Mfg. Works (Brass & Bronze), Marshall blvd & W 21st, Chicago, Ill.
Wire Goods Co. (Barbed), Worcester, Mass.

10916— Pins (Special)
Blake & Johnson Co. (Aluminum & German Silver), 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Philadelphia Machine Screw Works, 624 Race, Phila., Pa.

10917— Pins (Stove Door)
Corbin Screw Corporation ("Kuhn's"), New Britain, Conn.
Ohio Nut & Bolt Co., Berea, O.
Wehrle Co., Newark, O.

10918— Pins (T)

Oakville Co., Waterbury, Conn.

10919— Pins (Taper)

Babson Dow Mfg. Co., 60 Fulda, Boston, Mass.
Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
Chicago Nut Co., 2513 W 20th, Chicago, Ill.
Chicago Screw Co., 13 N Jefferson, Chicago, Ill.
Cincinnati Screw Co., Twightwee, O.
Corbin Screw Corporation, New Britain, Conn.
DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book
Ferry Cap & Set Screw Co., Cleveland, O.
Gary Screw & Bolt Co. (Steel), Gary, Ind.
HARPER F. C. SCREW WKS., 19 E 8th, Chicago, Ill.
Hartford Machine Screw Co., Hartford, Conn.
Morse Twist Drill & Machine Co., New Bedford, Mass.
National-Acme Mfg. Co. (Standard Steel), 7500 Stanton av, S E, Cleveland, O.
National Sewing Machine Co., Belvedere, Ill.
Pawtucket Mfg. Co., Pawtucket, R. I.
Perry-Fay Mfg. Co., Elyria, O.
Philadelphia Machine Screw Works, 624 Race, Phila., Pa.
Phillips R. B. Mfg. Co., Worcester, Mass.
Pittsburgh Screw & Bolt Co. (Steel), Preble av, Pittsburgh, Pa.
Pratt & Whitney Co. (Steel), Hartford, Conn.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Standard Tool Co., 6900 Central av, Cleveland, O.
U. S. Automatic Co., Amherst, O.
Western-Automatic Machine Screw Co., Elyria, O.
Worcester Machine Screw Co., Standard Screw Co., Successor, Worcester, Mass.

10920— Pins (Telegraph)

Estes E. B. & Sons (Wooden), 364 5th av, New York. *See adv index at end of book*
Hubbard & Co. (Steel), 63rd & Butler, Pittsburgh, Pa.
Oliver Iron & Steel Co. (Steel), S 10th & Muriel, Pittsburgh, Pa.

10920a— Pins (Thale)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

10921—Pins (Track & Interlocking Channel)

Bryant Zinc Co., 600 Orleans, Chicago, Ill.

10922—Pins (Trolley Wheel Axle)

American Safety Lamp & Mine Supply Co., Scranton, Pa.

10923— Pins (Truss)

Electric Service Supplies Co. ("Keystone"), 17th & Cambria, Phila., Pa.

10924— Pins (Tub)

Bliss Bros., 170 Commercial, Boston, Mass.

10925— Pins (Turn)

Bogert & Hopper (Plumbers), 67 Barclay, New York
Estes E. B. & Sons (Wooden or Plumbers), 364 5th av, New York
See adv index at end of book
Frary Mfg. Co., Charlemont, Mass.
Standard Turning Works (Wooden), Cambridge, Mass.
Stossel Carl & Co., Front Royal, Va.

10925a— *Pins (Wood)

Estes E. B. & Sons (Framing, Saddle, Shelf, Tackle Block & Thole), 364 5th av, New York
See adv index at end of book

10926— Pins (Wool Comb)

Dean John M. Corp., Putnam, Conn.

10927— Pipe (Acid Proof)

Duriron Castings Co. ("Duriron"), Dayton, O.
United Lined Tube & Valve Co., 180 Franklin, Boston, Mass.

10927a— Pipe (Air Brake)

Byers A. M. Co., 235 Water, Pittsburgh, Pa.
See adv on front cover

Pipe (Aluminum)

See Tubing, Aluminum

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10927b— Pipe (Ammonia)

Byers A. M. Co. (Genuine Wrought Iron), 235 Water, Pittsburgh, Pa.
See adv on front cover

10928— Pipe (Asphalted)

Kittoe Boiler & Tank Co. (Inc.), Canton, Ohio
National Tube Co. ("National"), Frick bldg, Pittsburgh, Pa.

10929— Pipe Bends & Coils

Albright Son & Co. (Wrought Iron), Allentown, Pa.
American Foundry & Construction Co., 2nd av & Longworth, Pittsburgh, Pa

Ballwood Co., 30 Church, New York
Best Co., 33d & R. R., Pittsburgh, Pa.
Boston Copper Works Co., E Boston, Mass.
Brunswick Refrigerating Co., New Brunswick, N. J.
COLONIAL SUPPLY CO., 217 Water, Pittsburgh, Pa.
See adv index at end of book
Columbus Iron Works, Columbus, Ga.
Cornell & Underhill, Greenwich & Spring, New York
Cox J. Fillmore Engng. & Tube Bending Machine Wks., Bayonne, N. J.
Cressman N. C. Co., Drexel bldg, Phila., Pa.
DAHLQUIST MFG. CO., 40 W 3d, So Boston, Mass. *See adv index at end of book*
Detroit Shipbuilding Co. (Brass Dept.), (Copper), Detroit, Mich.
Deuel Chas. C. Co., Detroit, Mich.
Empire Pipe Bending & Supply Co. (Iron Pipe), 253 Park av, Brooklyn, N. Y.
Geiger & Bush, Bucyrus, Ohio.
Gerdes & Co., 42 Church, New York
See adv index at end of book

Coils
Brass and Copper
Gerdes & Company
42 CHURCH ST. N. Y. C.

Hamilton Copper & Brass Works, Hamilton, O.
Harris Arthur & Co. (Copper), 212 N Curtis, Chicago, Ill.
Harrisburg Pipe & Pipe Bending Co. (Iron, Copper & Brass), Harrisburg, Pa.
Huetteman & Cramer Co., Mack & Beaufait, Detroit, Mich.
Imperial Brass Mfg. Co. (Brass & Copper), 524 S Racine av, Chicago, Ill.
See adv index at end of book
Industrial Welding Co., Garrett bldg, Baltimore, Md.
KELLOGG M. W. CO., 90 West, New York *See adv index at end of book*
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Langsenkamp F. H., Indianapolis, Ind.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Lewis Joseph E., 1218 Warner, Baltimore, Md.
Lumsden & Van Stone Co., 69 High, Boston, Mass.
Mitchell W. K. & Co., 2940 Ellsworth, Phila., Pa.
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
National Pipe Bending Co. (Brass, Iron & Copper), New Haven, Conn.
National Valve & Mfg. Co., 31st & Liberty, Pittsburgh, Pa.
Philadelphia Coppersmithing Co., 222 N Front, Phila., Pa.

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Pipe Coiling, Bending & Welding Co., 33d & A. V. R. R., Pittsburgh, Pa.
Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
Pittsburgh Piping & Equipment Co., 35th & Charlotte, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co. (Bends), 26th & A. V. R. R., Pittsburgh, Pa.
Rempe Co. (Wrought Iron), 341 N Sacramento av, Chicago, Ill.
Roessing Ernst Co. (Copper), Butler, Pittsburgh, Pa.
Simmons Pipe Bending Works, Newark, N.J.
Skinner M. B. Co. ("Rex"), 562 W Washington, Chicago, Ill.
Taylor Geo. Brass & Bronze Works, 97 Cliff, New York
Vogt Henry Machine Co., Louisville, Ky.
Whitlock Coil Pipe Co. (Iron, Brass & Copper), Hartford, Conn.
Wilfert John Co. (For High Pressure), 258 B'way, New York
Winkelman Louis & Co., 213 Lawrence, Cincinnati, O.
Young Bros. Co., Detroit, Mich.

10930— Pipe (Block Tin)

See also Lead Pipe & Sheet & Pig Lead

American Lead Co., 3116 Penn av, Pittsburgh, Pa.
Baker Lead Mfg. Co., Worcester, Mass.
Blatchford E. W. Co., 230 N Clinton, Chicago, Ill.
Bogue-Wensley Lead Co., Denver, Colo.
Chadwick-Boston Lead Co., Boston, Mass.
Eagle Picher Lead Co., The, 208 S. La Salle, Chicago, Ill.
Lissberger, Marks & Son, 281 Borden av, Long Island City, New York
Merchant & Evans Co., 2035 Washington av, Phila., Pa.
See adv index at end of book

MICHIGAN SMELTING & REFINING CO.
1695 Jos. Campau, Detroit, Mich.

National Lead Co., 111 B'way, New York
National Lead & Oil Co. of Pa., Commonwealth bldg, Pittsburgh, Pa.
North American Smelting Co., 9th & Thompson, Phila., Pa.
Raymond Lead Co., 735 S Washtenaw av, Chicago, Ill.
Robertson James Lead Co., 827 S Howard, Baltimore, Md.
Rochester Lead Works, Rochester, N. Y.
Selby Smelting & Lead Co., 201 1st, San Francisco, Cal.
Standard Rolling Mills, 363 Hudson av, Brooklyn, N. Y.
United Lead Co., 111 B'way, New York
Windsor Mfg. Co., 570 Clinton, Milwaukee, Wis.

10931—Pipe (Brass or Copper Lined)

Chadwick-Boston Lead Co. (Iron), 162 Congress, Boston, Mass.
Larkin J. K. & Co. (Brass or Copper), 34 Reade, New York
See adv index at end of book
McMann & Taylor Co., 104 John, New York
See adv index at end of book
United Lead Co., 111 B'way, New York
United Lined Tube & Valve Co. (Brass), 180 Franklin, Boston, Mass.

Pipe (Cast Iron)

See Cast Iron Pipe Manufacturers, Gas & Water; also Cast Iron Soil Pipe Manufacturers

10932—Pipe (Cast Iron Drain or Culvert)

American Road Machinery Co., Kennett Square, Pa.
Cast Iron Pipe Publicity Bureau, 1 B'way, New York
Galion Iron Works & Mfg. Co., Galion, O.

10933—*Pipe (Cast Iron, High Pressure)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

10934—Pipe (Cast Iron, Lock Joint)

American Casting Co. ("National"), Birmingham, Ala.

10935— Pipe (Cast Steel)

Penn Seaboard Steel Corp., 1418 Chestnut, Phila., Pa.

10936— Pipe (Cement)

Pierce Mfg. Co., 785 Housatonce av, Bridgeport, Conn.

Pipe Coils

See Pipe Bends & Coils

Pipe Coverings

See Pipe & Boiler Coverings, Various Kinds

Pipe (Culvert, Metallic)

See Culverts, Road

10937— Pipe (Dredge & Pontoon)

Dixie Culvert & Metal Co., Atlanta, Ga.
Hartley Boiler Works, Montgomery, Ala.
Machold & Riddell, Stephen Girard bldg, Phila., Pa.
New Bern Iron Works & Supply Co., New Bern, N. C.
Southern Boiler & Tank Wks., Memphis, Tenn.
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
See adv index at end of book

Pipe (Dredging, Lap Welded Steel)

See Pipe, Lap-Welded Steel

10938—Pipe (Dredging, Slip Joint)

Springfield Boiler Co. (Shore & Pontoon), Springfield, Ill.

Pipe (Drive)

See Pipe & Tube Mills

10939—Pipe (Enameled Iron)

Central Tube Co., Pittsburgh, Pa.
Mark Mfg. Co., Evanston, Ill.

10940—Pipe (Flange, Flexible Joint)

Massillon Iron & Steel Co., Massillon, O.
United States Cast Iron Pipe & Foundry Co., Burlington, N. J.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

10941—Pipe (Flanged, for High Pressure)

Kellogg M. W. Co., 90 West, New York
See adv index at end of book
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Scranton Pump Co., Scranton, Pa.
Whitlock Coil Pipe Co. ("Whitlock" Double Lap Joint), Hartford, Conn.

Pipe (Furnace)

See Furnace Pipe & Fixtures

Pipe (Galvanized Iron)

See Pipe & Tube Mills

When writing to firms whose names appear in this book please mention
HENDRICKS' COMMERCIAL REGISTER.

10941a—*Pipe (Gas, Water & Casing)

Latshaw Steel & Metal Products Corp., 220 B'way, New York
See adv index at end of book

PIPE-GAS, WATER & CASING
Shafting, Seamless Welded and Seamless Steel Tubing
Hack Saw Blades, Screw Steel
Bars, Sheets, Plates, Angles, Channels
Wire, Rails, Rods, Drills, Files
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BRANCHES-PHILADELPHIA-PITTSBURG-CHICAGO

10941b—Pipe-Gas (Wrought Iron)

Byers A. M. Co. (Genuine Wrought Iron), 235 Water, Pittsburgh, Pa.
See adv on front cover

10942— Pipe (Hydraulic)

Abendroth & Root Mfg. Co., Newburgh, N. Y.
AMERICAN SPIRAL PIPE WORKS, Chicago, Ill. *See adv index at end of book*
Ballwood Co. (with Flanges), 30 Church, New York
Manitowoc Engineering Works, Manitowoc, Wis.
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
National Tube Co. ("National," for High Pressure, Oil & Natural Gas Lines), Frick bldg, Pittsburgh, Pa.
See adv index at end of book
Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
Pittsburgh Valve Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Reading Iron Co., Reading, Pa.
Union Iron Works, Spokane, Wash.
Youngstown Sheet & Tube Co., Youngstown, O.

10943—*Pipe (Hydraulic, Steel Riveted)

AMERICAN SPIRAL PIPE WORKS ("Taylor's"), Chicago, Ill., & 50 Church, New York
See adv index at end of book
CHICAGO BRIDGE & IRON WORKS, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book
DOVER BOILER WORKS, Sales Office: 50 Church, New York; Works: Dover, N. J. *See adv index at end of book*
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
SCAIFE WM. B. & SONS CO., First National Bk bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

Pipe Joint Paste

See Cements, Pipe Joint

10944—Pipe (Lap-Welded Steel)

AMERICAN SPIRAL PIPE WORKS ("Taylor" 12 to 72 in. in Diameter), Chicago, Ill. *See adv index at end of book*
American Welding Co. (Large Size Water Pipe), Carbondale, Pa.
KELLOGG M. W. CO. 90 West, New York
See adv index at end of book
Manitowoc Engineering Wks., Manitowoc, Wis.

10945— Pipe (Lead)

American Lead Co. (Also Antimonial), 3116 Penn av, Pittsburgh, Pa.
Baker Lead Mfg. Co., Worcester, Mass.
Blatchford E. W. Co., 230 N Clinton, Chicago, Ill.
Bogue-Wensley Lead Co., Denver, Colo.
Charleston Lead Works, Charleston, S. C.
Detroit Lead Pipe Works, Detroit, Mich.
Du Bois Fred'k N. & Co., 247 9th av, New York

PIPE (LEAD)—continued

Eagle Picher Lead Co., The, 208 S La Salle, Chicago, Ill.
Fleck Bros. Co., 44 N 5th, Phila., Pa.
Gardiner Metal Co., 1364 W Lake, Chicago, Ill.
Gibson & Price Co., 1786 Columbus, Cleveland, O.
Johnson J. D. Co., 54 Cliff, New York
Kahn Bros., 785 Humboldt, Brooklyn, N. Y.
Lawrence Shot & Lead Co. ("Omaha"), Omaha, Neb.
Lissberger, Marks & Son, 281 Borden av, Long Island City, N. Y.
McDonald James & Sons Co., 9th & Sycamore, Cincinnati, O.
National Lead Co., 111 B'way, New York
Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
North American Smelting Co., 900 Thompson, Phila., Pa.
Northwestern Shot & Lead Works, 90 Fairfield av, W. St. Paul, Minn.
Phillips Lead & Supply Co., 91 S Main, Providence, R. I.
Raymond Lead Co., 735 S Washtenaw av, Chicago, Ill.
Robertson James Lead Co., 827 S Howard, Baltimore, Md.
Rochester Lead Works, Rochester, N. Y.
Rumsey L. M. Mfg. Co, 810 N 2d, St. Louis, Mo.
Selby Smelting & Lead Co., 201 1st, San Francisco, Cal.
Sportsman's Shot Wks., Court & Harriet, Cincinnati, Ohio
Tillinghast L. H. Supply Co., 162 Dorrance, Providence, R. I.
Union Smelting & Refining Co., Inc., St. Charles, Newark, N. J.
See adv index at end of book
United Lead Co., 111 B'way, New York
Windsor Mfg. Co., 570 Clinton, Milwaukee, Wis.

10946— Pipe (Lead Lined)

Badger E. B. & Sons Co., 75 Pitts, Boston, Mass.
Chadwick-Boston Lead Co. (Iron), 162 Congress, Boston, Mass.
Lead Lined Iron Pipe Co. (Iron & Brass), Wakefield, Mass.

10947—Pipe (Lead, Tin Lined)

See also Lead Pipe & Sheet & Pig Lead
Chadwick-Boston Lead Co., Boston, Mass.
National Lead Co., 111 B'way, New York
Rochester Lead Works, Rochester, N. Y.
United Lead Co., 111 B'way, New York

10948— Pipe (Lidded)

Bannon P. Pipe Co. ("Bannon's" for Steam Conduits), Louisville, Ky.

Pipe Line Supplies

See Specific Article Required

10948a— Pipe (Lined)

See also Pipe & Tube Mills

Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book

10949—Pipe (Lock Bar, Steel)

Gillespie T. A. Co., Westinghouse bldg, Pittsburgh, Pa.

10950—Pipe (Lock Seam Riveted)

ROBERTSON BROS. MFG. CO. (Irrigation, Dredging & Pressure Pipe, Black or Galvanized), 1036 W 37th, Chicago, Ill.

10951— Pipe Lowerers, Lifters & Holders

Love M. A. Mfg. Co., Rockford, Ill.
Mark Mfg. Co., Evanston, Ill.
Trahern Pump Co., Rockford, Ill.
Ward Pump Co., Rockford, Ill.

10952—Pipe (Machine Riveted)

Robertson Bros. Mfg. Co. (Straight Riveted Pipe & Elbows, 4 to 15 inch in Diameter, in 10-foot lengths), 1036 W 37th, Chicago, Ill.
Walsh & Weidner Boiler Co., Chattanooga Tenn.
See adv index at end of book

10953-4—*Pipe (Punched & Formed Sheets)

Toledo Metal Manufacturers Co., Michigan, Toledo, O.
See adv index at end of book

10955—Pipe (Reinforced Concrete)

Electric Welding Co., Benedum Trees bldg, Pittsburgh, Pa.
Lock Joint Pipe Co. ("Merriwether" System of Continuous, 36 to 84 Inches), Box 21, Ampere, N. J.
Massey C. F. & Co., Wilmington, N. C.
Weston & Brooker Co., Columbia, S. C.

10956-7-8—Pipe (Riveted Steel)

Abendroth & Root Mfg. Co. (Straight Seam & "Root" Spiral), Newburgh, N. Y.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Blaw Knox Co., Farmers Bank bldg, Pittsburgh, Pa.
Cambria Steel Co. (3 to 9 ft Diam. up to 30 ft in Length), Widener bldg, Phila., Pa.
Carroll-Porter Boiler & Tank Co., Empire bldg, Pittsburgh, Pa.
CHICAGO BRIDGE & IRON WORKS, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book
Columbiana Boiler Co., Columbiana, O.
Connery & Co., 2d & Luzerne, Phila., Pa.
Consolidated Pipe Co., Los Angeles, Cal.
DOVER BOILER WORKS, Sales Offices: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Gillespie T. A. Co., 50 Church, New York,
Graver Wm. Tank Works, East Chicago, Ind.
Hammond Iron Works (Over 20 inches Diameter), Warren, Pa.
See adv index at end of book
Harrisburg Mfg. & Boiler Co., Harrisburg, Pa.
Heggie Jas. G. & Sons, Joliet, Ill.
Hindley & Pendelton Co., 74 Greenpoint av, Brooklyn, N. Y.
Hodge Boiler Works, 99 Summer, E, Boston, Mass.
Honolulu Iron Works Co., Honolulu, Hawaii
Hydraulic Supply Mfg. Co. (For Mining, Irrigation & Power Plants), Seattle, Wash.
Keller E. Co., Williamsport, Pa.
King Bridge Co., Cleveland, O.
Kittoe Boiler & Tank Co., Inc., Canton, O.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Lacy Mfg. Co., Los Angeles, Cal.
Lancaster Iron Works, Lancaster, Pa.
Leetonia Boiler Co., Leetonia, O.
Leffel Jas. & Co. (For Own Use), 500 Lagonda, Springfield, O.
Leslie, Elliott & Co., Paterson, N. J.
Littleford Bros., 444 E Pearl, Cincinnati, O.
Long Walter Mfg. Co., 1312 Muriel, Pittsburgh, Pa.
McAleenan Boiler Co., Peoria, Ill.
McNaull Boiler Mfg. Co., Toledo, O.
McNell Jas. & Bro. Co., Pittsburgh, Pa.
Machold & Riddell, Stephen Girard bldg, Phila., Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Meehan Boiler & Construction Co., Lowellville, O.
Michelmann Steel Construction Co., Quincy, Ill.
Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.
Mitchell-Tappen Co., 15 John, New York
Montague W. W. & Co., 557 Market, San Francisco, Cal.
National Boiler & Sheet Iron Works, Indianapolis, Ind.
Pelton Water Wheel Co., 19th & Harrison, San Francisco, Cal., & 90 West, New York
Petroleum Iron Works Co., Sharon, Pa.
Phoenix Iron Works Co., Meadville, Pa.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Pollock Wm. B. Co., Youngstown, O.
Quaker City Iron Works (Dredge & Pontoon), Tioga & Edgemont, Phila., Pa.
Quintard Iron Works Co., 742 E 12th, New York
Reeves Bros. Co., Alliance, O.
Riter-Conley Co., Pittsburgh, Pa.
Robertson Bros. Mfg. Co. (Black & Galvanized, 4 to 16 inch Diameter, 12 Gauge & Lighter), 1036 W 37th, Chicago, Ill.
San Francisco Bridge Co., Nevada Bank bldg, San Francisco, Cal.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Schaw-Batcher Co., Sacramento, Cal.
Southern Boiler & Tank Works, Memphis, Tenn.
Springfield Boiler Co., Springfield, Ill.
Standard Boiler & Plate Iron Co., Niles, O.
Struthers-Wells Co., Warren, Pa.
See adv index at end of book
Tippett & Wood, Phillipsburg, N. J.
Tofte Boiler & Sheet Iron Works, Houston, Tex.
Toledo Metal Manufactures Co., Michigan, Toledo, O.
See adv index at end of book
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Trump Mfg. Co., Springfield, O.
Union Iron Works, Hoboken, N. J.
Union Iron Works, Spokane, Wash.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
See adv index at end of book
Warren City Tank & Boiler Co., Warren, O.
Weigele Riveted Steel Pipe Works, Denver, Colo.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

Pipe (Seamless Drawn Steel)

See Tubing, Cold Drawn Seamless Steel

10959— Pipe (Second Hand)

Carnick R., Franklin, Pa.
Daniels Arthur Co., 13 Park Row, New York
Davidson Pipe & Iron Co., 436 Kent av, Bklyn, N. Y.
Eagle Pipe Supply Co., 233 B'way, New York
Foster L. B. Co., Park bldg., Pittsburgh, Pa.
Green L. A., First Nat'l Bank bldg, Pittsburgh, Pa.
Greenspon's Jos. Sons Iron & Steel Co., B'way & Branch, St. Louis, Mo.
Keystone Pipe & Supply Co., Butler, Pa.
McDowell & Co., Grant & Western, Pittsburgh, Pa.
Marine Metal & Supply Co., 100 Horatio, New York
Nathan Chas. E., 133 W Washington, Chicago, Ill.
Ohio Pipe Co. (New & Second Hand), Findlay, O.
Perry, Buxton, Doane Co., First, Boston, Mass.
Phila. Second Hand Pipe Supply Co., 1003 N 7th, Phila., Pa.
Pipe & Contractors Supply Co., 3 Dover, New York
Pittsburgh Scrap Iron Co., S. 20th & Wharton, Pittsburgh, Pa.
Second Hand Pipe & Supply Co., Parkersburg, W. Va.

10960— Pipe (Sewer)

American Clay Products Co., 175 5th av, New York
American Fire Brick Co. (Salt Glazed), Spokane, Wash.
American Sewer Pipe Co., Akron, O.
Argillo Works, Carbon Cliff, Ill.
Atlas Coal & Supply Co., Binghamten, N. Y.
Avon Milling & Mfg. Co., Avon, Ill.
Bannon P. Pipe Co. (Vitrified), Louisville, Ky.
Barnitz, Geo. A., York, Pa.
Berry & Ferguson, 159 Devonshire, Boston, Mass.
Berthelet H. Sewer Pipe Co., 4th & Montana av, Milwaukee, Wis.
Bibb Sewer Pipe Co., Macon, Ga.
Blackmer & Post Pipe Co. (Salt Glazed Vitrified), Boatman's Bank bldg, St. Louis, Mo.
Buckeye Fireclay Co., Uhrichsville, O.

Buckeye Sewer Pipe Co., Akron, O.
Butte Sewer Pipe & Tile Co., Butte, Mont.
Cannelton Sewer Pipe Co., Cannelton, Ind.
Canton Art Metal Co., Cincinnati, O.
Chattanooga Sewer Pipe & Fire Brick Co., Chattanooga, Tenn.
Chicago Sewer Pipe Co., 133 W Washington, Chicago, Ill.
Cincinnati Sewer Pipe Co., 3716 Montgomery rd, Evanston, Cincinnati, O.
Clark N. & Sons, 116 Natoma, San Francisco, Cal.
Clawson L. E. Co., 80 Page, San Francisco, Cal.
Clay Product Co., 175 W Jackson blvd, Chicago, Ill.
Clearfield Sewer Pipe Co., Clearfield, Pa.
Clermont Sewer Pipe Co., Clermont, Pa.
De Haas G. (Wholesale Dealer), N Marquette, Mich.
Dee Wm. E. Co., 30 N La Salle, Chicago, Ill. Works: Mecca, Ind.
Delaware Clay Mfg. Co., Delaware, O.
Dennison Sewer Pipe Co., Dennison, O.
Denny-Renton Clay & Coal Co., Seattle, Wash.
Denver Sewer Pipe & Clay Co., Denver, Colo.
Dickey W. S. Clay Mfg. Co. (Vitrified), N. Y. Life bldg, Kansas City, Mo.
East Ohio Sewer Pipe Co. (Vitrified Clay), Irondale, O.
Eastern Clay Goods Co., 141 Milk, Boston, Mass.
Edwards Vitrified Brick Co., Albion, Ill.
Eichelberger's T. D. Sons, Dayton, O.
Evans Clay Mfg. Co., Uhrichsville, O.
Evens & Howard Fire Brick Co. (Up to 42 Inches), 920 Market, St. Louis, Mo.
Georgia Vitrified Brick & Clay Co., Augusta, Ga.
Gladding, McBean & Co. (For Irrigation), Crocker bldg, San Francisco, Cal. Works: Lincoln, Cal.
Granite Clay Co., Mogadore, O.
Great Northern Sewer Pipe Co., Empire, Ohio
Indiana Sewer Pipe Co., Mecca, Ind.
Iowa Pipe & Tile Co., Des Moines, Iowa
Junction City Sewer Pipe Co., Junction City, O.
Kaul Clay Mfg. Co., Toronto, O.
Laclede-Christy Clay Products Co., Manchester & Sulphur avs, St. Louis, Mo.
Lafond T. & Son, Kankakee, Ill.
Lehigh Sewer Pipe & Tile Co., Fort Dodge, Ia.
Louisville Brick & Tile Co., Louisville, O.
Lyth A. & Sons Co., 48 W Eagle, Buffalo, N. Y.
McNutt & McConnell Co., Brazil, Ind.
Mack Mfg. Co., Union Arcade, Pittsburgh, Pa.
Works: New Cumberland, W. Va.
Macomb Sewer Pipe Co. (Vitrified), Macomb, Ill.
Macon Sewer Pipe Wks, 601-603 Georgia Casualty bldg, Macon, Ga.
Mason City Sewer Pipe Co., Mason City, Ia.
McNut Lewis (Also Fittings), Brazil, Ind.
Monmouth Clay Mfg. Co. (and Fittings), Monmouth, Ill.
Muddox H. C., Sacramento, Cal.
Musket W. E. Co., 502 Mission, San Francisco, Cal.
National Fire Proofing Co. (Lock-joint), Fulton bldg, Pittsburgh, Pa.
National Sewer Pipe Co., Webster City, Ia.
New York State Sewer Pipe Co., Rochester, N. Y.
N. Y. State Sewer Pipe Co., Rochester, N. Y.
Northwestern Clay Mfg. Co., Aledo, Ill.
Oconee Brick & Tile Co., Middledgeville, Ga.
Ogden Sewer Pipe & Clay Co., Ogden, Utah
Ohio Culvert Pipe Co., Tiffin, O.
Ohio River Sewer Pipe Co., Empire, O.
Owensboro Sewer Pipe Co., Owensboro, Ky.
Pacific Sewer Pipe Co., Los Angels, Cal.
Patton Clay Mfg. Co. (Cambria Co.), Patton, Pa.
Pomona Terra Cotta Co. (Shade), Pomona, N. C.
Portland Sewer Pipe & Artificial Stone Co., Portland, Me.
Red Wing Sewer Pipe Co., Red Wing, Minn.
Robinson Clay Product Co., Akron, O.
Robinson & Son Sewer Pipe Co., Uhrichsville, O.
St. Marys Sewer Pipe Co. (3 to 36 inches), St. Marys, Pa.
San Antonio Sewer Pipe Co., San Antonio, Tex.
Shawmut Clay Mfg. Co. ("Shawmut"), Drummond, Pa.
Small R. B. Co., Columbus, Ga.
Somerville Thos. Co., 312 13th N W, Washington, D. C.
Southern Sewer Pipe Co., Birmingham, Ala.
Standard Fire Brick Co., Pueblo, Colo.
Standard Sewer Pipe Works, Rome, Ga.
Steven's H. Sons Co., Macon, Ga.
Stoneware Pipe Co., East Alton, Ill.
Stratton Fire Clay Co., Empire, O.
Streator Clay Mfg. Co., Streator, Ill.
Twin City Fuel Co., Neenah, Wis.
Union Sewer Pipe Co., McKeesport, Pa.
Washington Brick, Lime & Sewer Pipe Co. (Vitrified), Spokane, Wash.
West Virginia Fire Clay Mfg. Co. (Fire Clay), Diamond Bank bldg, Pittsburgh Pa.
White Hall Sewer Pipe & Stoneware Co., White Hall, Ill.
Williams N. A. Co., 133 W Washington, Chicago, Ill.
Winslow & Co. (Vitrified Salt Glazed), Portland, Me.

10961—Pipe (Sewer, Cement)

Rhode Island Cement Drain Pipe Co. (Cement), 500 Valley, Providence, R. I.

10962—Pipe (Sewer, Reinforced Concrete)

Lock Joint Pipe Co., Box 21, Ampere, N. J.
Pacific Lock Joint Pipe Co., Seattle, Wash.
Stanley Reinforced Concrete Co., Centralia, Wash.

10962a— Pipe (Signal)

Byers A. M. Co. (Genuine Wrought Iron), 235 Water, Pittsburgh, Pa.
See adv on front cover

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10963—Pipe (Spiral, Continuous Interlocking Seam)

Standard Spiral Pipe Works ("Standard," 3 to 40 inches), 48th & Rockwell, Chicago, Ill.

10964—Pipe (Spiral Lock Seam)

Lamb & Ritchie Co., Cambridge, Mass.

10965-6—Pipe (Spiral Riveted)

Abendroth & Root Mfg. Co. (For Pressures up to 300 lbs), Newburgh, N. Y.

AMERICAN SPIRAL PIPE WORKS ("Taylor's" Steel), Chicago, Ill. & 50 Church, New York
See adv index at end of book

COLONIAL SUPPLY CO., 217 Water, Pittsburgh, Pa.
See adv index at end of book

Merchant & Evans Co., 2035 **Washington** av, Phila., Pa.
See adv index at end of book

Standard Spiral Pipe Works ("Standard" Continuous Interlocking Seam, 3 to 40 inches), 48th & Rockwell, Chicago, Ill.

Pipe (Steel)

See Pipe & Tube Mills

10967—Pipe (Steel Enameled)

Central Tube Co., Pittsburgh, Pa.

Pipe (Steel Riveted)

See Pipe, Riveted Steel

Pipe Stocks & Dies

See Stocks & Dies

10968— Pipe (Suction)

Western Railway Equipment Co. ("Linstrom," Non-Freezing, Central Nat'l Bank bldg, St. Louis, Mo.

10969— Pipe (Sulphite Mill)

Chadwick-Boston Lead Co. (Special Hard Lead), Boston, Mass.

10970—Pipe Thawing Apparatus

American Transformer Co., 145 Miller, Newark, N. J.

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

10971—Pipe Threaders (Receding)

See Also Stocks & Dies

Borden Co., The ("Beaver"), Warren, O.
See adv index at end of book

Handy Mfg. Co. ("Becker"), Bridgeport, Conn.

Hart Mfg. Co. ("Buckeye"), Cleveland, O.

Toledo Pipe Threading Machine Co., 1440 Summit, Toledo, O.

Oster Mfg. Co. ("Matchless"), Cleveland, Ohio

10972— Pipe (Tin Lined)

Chadwick-Boston Lead Co. (Iron), 162 Congress, Boston, Mass.

Lead Lined Iron Pipe Co. (Iron & Brass), Wakefield, Mass.

10972a— *Pipe Tools

GREENFIELD TAP & DIE CORP. (Stocks, Dies, Reamers, Taps, Cutters, Vises & Wrenches), Greenfield, Mass.
See adv index at end of book

10973— Pipe (Tuyere)

Hartman Co. (For Blast Furnace), 1231 N Front, Phila., Pa.

National Tube Co. ("National"), Frick bldg, Pittsburgh, Pa.

10974— Pipe (Welded Wrought Steel)

Ballwood Co., 30 Church, New York

Best Co. (Headers), 33d & R. R., Pittsburgh, Pa.

Central Tube Co., Pittsburgh, Pa.

Continental Iron Works, West & Calyer, Brooklyn, N. Y.

KELLOGG M. W. CO., 90 West, New York
See adv index at end of book

Manitowoc Engng. Works, Manitowoc, Wis.

National Tube Co., Frick bldg, Pittsburgh, Pa.

Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.

Whitlock Coil Pipe Co., Hartford, Conn.,

10975— Pipe Welding

Ballwood Co., 30 Church, New York

Metal & Thermit Corp., 120 B'way, New York

Pipe Coiling, Bending & Welding Co., 33d & A. V. R. R., Pittsburgh, Pa.

Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. RR, Pittsburgh, Pa.

Rempe Co. (By Electricity), 341 N Sacramento av, Chicago, Ill.

10976— Pipe (Wood)

American District Steam Co. (Water), North Tonawanda, N. Y.

AMERICAN WOOD PIPE CO., Tacoma, Wash.

Byrne-Turner Co. (Machine Wire Wound Wood Stave), Bellingham, Wash.

Canal Lumber Co. ("Douglas" Fir staves), Seattle, Wash.

COLONIAL SUPPLY CO., 217 Water, Pittsburgh, Pa.
See adv index at end of book

Kalamazoo Tank & Silo Co., Kalamazoo, Mich.

Michigan Pipe Co. ("Michigan" Combination Steel & Wood), Bay City, Mich.

National Tank & Pipe Co., Portland, Ore.

Pacific Coast Pipe Co. (Stave), Seattle, Wash.

Pacific Tank & Pipe Co. (Machine Banded, 2 in. to 24 in. Diameter), 318 Market, San Francisco, Cal.

Portland Wood Pipe Co. (Machine Banded Continuous Stave), Portland, Ore.

Redwood Mfrs. Co. (Continuous Wooden Stave & Machine Banded), Hobart bldg, San Francisco, Cal.

Soderberg J. A., Seattle, Wash.

Standard Wood Pipe Co., Williamsport, Pa.

MC MANN & TAYLOR CO.

Pipe, Boiler Tubes, Fittings, Valves, Etc.

104 & 106 JOHN STREET NEW YORK

Washington Pipe & Fdry. Co. (Machine Banded Wooden Stave & Continuous Stave Pressure, etc), Tacoma, Wash.
Woods G. R. Sons Co., Sheffield, Pa.
Wyckoff A. & Son Co. (Stave), Elmira, N. Y.
Wyckoff Pipe & Creosoting Co. (Acid Proof), 30 E 42nd, New York

10977— Pipe (Wood Fibre)

Fibre Conduit Co., Orangeburg, N. Y.

10978-9—Pipe (Wooden Stave)

Baltimore Cooperage Co., The, cor Hanover & Creek, Baltimore, Md.
Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
MacBee Cement Lined Pipe Co., 288 Devonshire, Boston, Mass.

10980—*Pipe (Wrought Iron, Jobbers)

See also Steam Fitters' Supplies; for Manufacturers, see Pipe & Tube Mills
Cornell & Underhill, Spring & Greenwich, New York
Crouch W. J. Co., 68 William, New York
Froment & Co., 150 Bank, New York
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
O'Neil M., Supply Co., 25 Cliff, New York
Trimble & Lutz Supply Co., Wheeling, W. Va.

Pipe (Wrought Iron Mfrs.)

See Pipe & Tube Mills

Pipe (Wrought Steel)

See Pipe & Tube Mills

10981—Pipe & Boiler Covering Mfrs.

See Sub-classifications following
For Jobbers in these Goods, see Mill & Factory Supplies; also Steam Fitters' Supplies

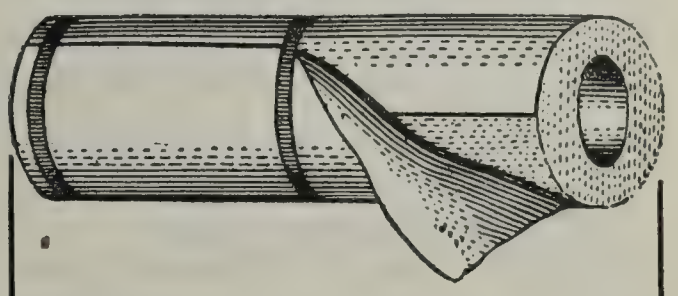
Arco Co. ("Dum-Dum"), Euclid & E 65th, Cleveland, O.
Armstrong Cork & Insulation Co. ("Nonpareil"), 23d & River, Pittsburgh, Pa.
Barrett Co. (Plastic), 17 Battery pl, New York
Celite Products Co. ("Sit-O-Cel"), 11 B'way, New York
Doggett Stanley (Raw Materials), 11 Cliff, New York
Federal Asbestos Co., Milwaukee, Wis.
Johns H. W.-Manville Co., Madison av & 41st, New York
Nott W. S. Co., 2d av N & 3d, Minneapolis, Minn.
Richards Wilson Pipe Covering Co., Grand Rapids, Mich.
Ric-Will Underground Pipe Covering Co., Cleveland, O.
U. S. Mineral Wool Co., (Mineral Wool), 280 Madison av, New York
Vulcan Fuel Economy Co., 230 S La Salle, Chicago, Ill.
Watson H. F. Co. (Asbestos), Erie, Pa.

10982—Pipe & Boiler Coverings (Air Cell)

Acme Asbestos Covering & Supply Co. (Asbestos), 404 N Ada, Chicago, Ill.
See adv index at end of book
American Insulation Co., Roberts av & Stokley, Phila., Pa.
See adv index at end of book
Celite Products Co,. 11 B'way, New York
Franklin Mfg. Co. ("Franklin"), Franklin, Pa.
Keasbey & Mattison Co. (Wool, Felt, etc.), Ambler, Pa.
National Air Cell Covering Co., 163 Henderson, Jersey City, N. J.
Norristown Magnesia & Asbestos Co., Norristown, Pa.

10983—Pipe & Boiler Coverings (Asbestos)

Acme Asbestos Covering & Supply Co. ("Acme"), 404 N. Ada, Chicago, Ill.
See adv index at end of book



Coverings-Asbestos

All kinds

Acme Asbestos Covering & Supply Co.
404 N. Ada Street
Chicago

Adams & Jewell, Rome, N. Y.
American Insulation Co., Roberts av & Stokley, Phila., Pa.
See adv index at end of book
Asbestos Co. of Calif., 16 Natana, San Francisco, Cal.
Asbestos Felting Wks., 79 Maiden la, New York
Brunett Frank O., 396 Smith, Brooklyn, N. Y.
Buffalo Asbestos Co., 64 Del av, Buffalo, N. Y.
Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
Central Asbestos & Magnesia Co., 214 W Grand av, Chicago, Ill.

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NASON MANUFACTURING CO., 71 Fulton Street, New York. Davis and Crane Streets, Long Island City, N. Y.

PIPE & BOILER COVERINGS (ASBESTOS)—continued

Chicago Asbestos Mfg. Co., 1909 W 22d pl, Chicago, Ill.
Chicago Fire Proof Covering Co., 322 N Michigan av, Chicago, Ill.
Crawford L. M. Asbestos Co., 1901 Clay, Denver, Colo.
Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa. Works, Valley Forge, Pa.
Federal Asbestos Co., Milwaukee, Wis.
Franklin Mfg. Co. ("Franklin"), Franklin, Pa.
Gillen-Chambers Co., Portland, Ore.
Hardy & Tierney, 410 E 23d, New York
Illinois Fire Proof Covering Co., 216 W Kinzie, Chicago, Ill.
Johns H. W.-Manville Co., Madison av & 41st, New York
Keasbey Robt. A. Co., 445 West, New York
Keasbey & Mattison Co. (Moulded), Ambler, Pa.
Mikesell Bros. Co., 176-178 N La Salle, Chicago, Ill.
National Air Cell Covering Co., 163 Henderson, Jersey City, N. J.
Nightingale & Childs Co., 205 Congress, Boston, Mass.
Norristown Magnesia & Asbestos Co., Norristown, Pa.
Racich Asbestos Mfg. Co., 609 W 55th, New York
Roe & Conover, 206 Frelinghuysen av, Newark, N. J.
See adv index at end of book
Rutland Fire Clay Co. ("Rutland"), Rutland, Vt.
Sall Mountain Co., 230 S La Salle, Chicago, Ill.
Standard Asbestos Mfg. Co., 822 W Lake, Chicago, Ill.
Standard Pipe Covering Co., 3748 E 71st, Cleveland, O.
Trainer C. W. Mfg. Co., 55 High, Boston, Mass.
Watson H. F. Co. ("Imperial"), Erie, Pa.
Western Asbestos & Mfg. Co., W 33d & Mariposa, Denver, Colo.
Western Asbestos Magnesia Co., 25 S Park, San Francisco, Cal.

10984-5—Pipe & Boiler Coverings (Cement)

Acme Asbestos Covering & Supply Co. (Asbestos), 404 N Ada, Chicago, Ill.
See adv index at end of book
American Insulation Co., Roberts av & Stokley, Phila., Pa.
See adv index at end of book
Atlas Co., Lincoln, N. J.
Chicago Fire Proof Covering Co., 322 N Michigan av, Chicago, Ill.
Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa. Works, Valley Forge, Pa.
Franklin Mfg. Co. ("Franklin"), Franklin, Pa.
Johns H. W.-Manville Co., Madison av & 41st, New York
Watson H. F. Co., Erie, Pa.

10986— Pipe & Boiler Coverings (Felt)

Acme Asbestos Covering & Supply Co., 404 N Ada, Chicago, Ill.
See adv index at end of book
Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
Chicago Fire Proof Covering Co., 322 N Michigan av, Chicago, Ill.
Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa. Works: Valley Forge, Pa.
Federal Asbestos Co., Milwaukee, Wis.
Franklin Mfg. Co. ("Franklin"), Franklin, Pa.
Hardy & Tierney (Hair Felt), 410 E 23d, New York
Johns H. W.-Manville Co., Madison av & 41st, New York
Keasbey Robt. A. Co., 445 West, New York
Morgan C. Stanley, 271-273 Jefferson av, Detroit, Mich.
National Air Cell Covering Co. (Wood Felt), 163 Henderson, Jersey City, N. J.
Watson H. F. Co., Erie, Pa.

10987— Pipe & Boiler Coverings (Magnesia)

Acme Asbestos Covering & Supply Co., 404 N Ada, Chicago, Ill.
See adv index at end of book
AMERICAN INSULATION CO., Roberts av & Stokley, Phila., Pa.
See adv index at end of book
American Magnesia & Covering Co., Plymouth Meeting, Pa.
Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
Central Asbestos & Magnesia Co., 214 W Grand av, Chicago, Ill.
Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa. Works: Valley Forge, Pa.
Franklin Mfg. Co. ("Franklin"), Franklin, Pa.
Johns H. W.-Manville Co. ("J. M." 85 per cent.), Madison av & 41st, New York
Keasbey & Mattison Co. (Sectional), Ambler, Pa.
Magnesia Covering Co., 1927 Market, Phila., Pa.
Mikesell Bros. Co., 176-178 N La Salle, Chicago, Ill.
Norristown Magnesia & Asbestos Co. ("Diamond N"), Norristown, Pa.

10988— Pipe & Boiler Coverings (Mineral Wool)

Acme Asbestos Covering & Supply Co., 404 N Ada, Chicago, Ill.
See adv index at end of book
Columbia Mineral Wool Co., 58 W Washington, Chicago, Ill. Works: So. Milwaukee, Wis.
Union Fibre Co., Winona, Minn.
U. S. Mineral Wool Co., 280 Madison av, New York

10989— Pipe & Tube Mills

Allegheny Steel Co. ("Reliance" Charcoal, Iron & Steel Boiler Tubes; "Reliance" Standard Extra Gauge Boiler Tubes), Oliver bldg, Pittsburgh, Pa. Works: Brackenridge, Pa.
American Steel & Tube Co., Lorain, O.
BYERS A. M. CO. (Lap & Butt Welded Genuine Wrought Iron Pipe, Black & Galvanized, ⅛ to 12 inches; also complete line of Oil Country Tubular Goods, 235 Water, Pittsburgh, Pa.
See ads on front cover
Central Tube Co. (Wrought Steel Rigid & Flexible Conduits), Pittsburgh, Pa.
Cohoes Rolling Mill Co. (Wrought Iron Pipe), Cohoes, N. Y.
Colonial Supply Co. (Jobbers), 441 1st av, Pittsburgh, Pa.
Delaware Seamless Tube Co. (Boiler Tubes, etc), Auburn, Pa.
Detroit Seamless Steel Tubes Co. (Cold Drawn Seamless Steel Boiler Tubes, Automobile Tubes, Stay Tubes, etc), Detroit, Mich.
Globe Seamless Steel Tubes Co. (Seamless Steel), Peoples Gas bldg, Chicago, Ill.
Horner U. S. & Co., Oliver bldg, Pittsburgh, Pa.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Keystone Tube Works (Tubing & Tabular Shapes), Connellsville, Pa.
La Belle Iron Works (Black & Galvanized Steam, Gas & Water Pipe, Oil & Gas Line Pipe, Casing, Tubing & Drive Pipe, 1⅛ to 12 Inches), Steubenville, O.
Larkin J. K. & Co. (Wrought Iron & Steel, Steam), 34 Reade, New York
See adv index at end of book
Mark Mfg. Co. (Black & Galvanized Wrought Iron & Steel Pipe, ⅛ to 20 inches, Boiler Tubes, Casing, Line & Drive Pipe), Evanston, Ill. Mills: Zanesville, O.
Midvale Steel & Ordnance Co. (Knobbled Charcoal Iron Knobbed Lapwelded Boiler Tubes), Widener bldg, Phila., Pa.
Monongahela Tube Co. (Iron & Steel Boiler Tubes), Ferguson bldg, Pittsburgh, Pa.
Moorehead Bros & Co. (Iron Pipe, etc.), Sharpsburg, Pa.
National Tube Co. ("National" Spellerized Boiler Tubes, Lapweld & Buttweld, Pipe for Steam, Gas & Water, Black, Galvanized & Dipped, also for Oil Well Casing, Air Line, Brake Beam, Tuyere, Dry Kiln, Ammonia, Drive Signal, Conduit, etc.), Frick bldg, Pittsburgh, Pa.
Newark Tube & Metal Works (Small Sizes Steel Tubing), 560 Ferry, Newark, N. J.
Parkersburg Iron Co. (Charcoal Iron Boiler Tubes, Arch Pipe & Stay Tube), Parkersburg, Pa.
Pittsburgh Tube Co. (Bedstead Tubing), Keystone bldg, Pittsburgh, Pa.
Reading Iron Co. (Wrought Iron Pipe, Boiler Tubes, Oil Well Tubing & Casing ⅛ to 20 inches), Reading, Pa.
Republic Iron & Steel Co. (Black Standard & Galvanized Line Pipe, Drive Pipe, Tubing & Casing), Youngstown, O.
Seamless Tube Co. of America (Seamless Steel Tubes 1½ to 6 inches; also Boiler Tubes), Frick bldg, Pittsburgh, Pa.
SOULE EDW. L. CO. (Iron & Steel Products of All Kinds), Rialto bldg, San Francisco, Cal.
See adv index at end of book
South Chester Tube Co. (Wrought Iron Pipe), Chester, Pa.
Spang, Chalfant & Co. (Wrought Iron & Steel Pipe for Water, Gas, Steam & Oil ⅛ to 24 inches & Wrought Iron & Steel Boiler Tubes 1½ to 13 inches), Union Bank bldg, Pittsburgh, Pa.
Tyler Tube & Pipe Co. (Knobbled Charcoal Iron & Algerite Iron Boiler Tubes), Washington, Pa.
Wheeling Steel & Iron Co. (Wrought Steel Pipe, Black & Galvanized ⅛ to 12-inch), Wheeling, W. Va.
YOUNGSTOWN SHEET & TUBE Co. (Iron & Steel Pipe, from ⅛ to 20-inch, Black & Galvanized, Merchant, Oil Well Casing, Tubing, Drive & Line Pipe), Youngstown, O.
Zennith & Smith, 26 N Jefferson, Chicago, Ill.

Pipes (Blow)

See Blow Pipes & Brazing Apparatus; also Exhaust & Blow Piping

10990—Pipes (Flush & Supply)

ALBERT G. G. & CO., Bangor, Pa.
AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
American Brass & Copper Co., 138 Lafayette, New York
Dearborn Brass Co., Cedar Rapids, Ia.
Diamond Mfg. Co., Detroit, Mich.
Edwardsville Brass Co., Edwardsville, Ill.
Frost Mfg. Co., Kenosha, Wis.
Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Miller Chas. A. Co. (Low-Down Supply), Sturgis, Mich.
Milwaukee Brass Mfg. Co. (Bath & Basin Cock Supply Pipes, etc.), 251 Lapham, Milwaukee, Wis.
Reid Brass Mfg. Co., 272 Kent av, Brooklyn, N. Y.
Rundle Mfg. Co., 27th & Wahl, Milwaukee, Wis.
Salem Brass & Iron Mfg. Co., Salem, N. J.
Shwab Bros. Co. (Galvanized Steel), 811 E 9th, New York
Smith E. C. Mfg. Co., 120 W Union av, Chicago, Ill.
Standard Brass Mfg. Co., Utica, N. Y.
Trenton Brass & Machine Co., Trenton, N. J
Watrous Co. ("Watrous" White Metal), 14 E Jackson blvd, Chicago, Ill.
Wise J. B. Inc., Watertown, N. Y.
Wolverine Brass Works, Grand Rapids, Mich.

10991—Pipes (Glass Blowers')

Speer W. B., 107 Carson, Pittsburgh, Pa.

10992— Pipes (Hawse)

Reed Geo. A. & Son, Gloucester, Mass.
Thacher Geo. W. & Co., Albany, N. Y.

10993— Pipes (Hose)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Aterite M. & Co., Inc. (Acid), 55 John, New York
McNab & Harlin Mfg Co, 55 John, New York

10994— Pipes (Organ)

Gottfried A & Co., Erie, Pa.
Pierce Sam'l Organ Pipe Co., Reading, Mass.
White Fred I., Reading, Mass.

10995— Pipes (Play)

Gutta Percha & Rubber Mfg. Co. ("Maltese Cross," Flexible Rubber, etc.), 126 Duane. New York

10996— Pipes (Smoking)

Akron Smoking Pipe Co. (Clay), Mogadore, Ohio
American Briar Pipe Co., 170 W Randolph, Chicago, Ill.
Birnbaum Wm. (Meerschaum), 67 Nassau, New York
Crown Pipe Mfg. Co., Omaha, Neb.
De Muth W. & Co. (All Kinds), 230 5th av, New York
Estes E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*
Frank S. M. & Co., 928 B'way, New York
Frankau Adolph & Co. (Briar), 175 Front, New York
Globe Smoking Pipe Co., Cortland, N. Y.
Harvey & Watts, 1822 E Venango, Phila., Pa.
Heyman Solomon, 814 Druid Hill, Baltimore, Md.
Hirsch John, 524 S Spring, Los Angeles, Cal.
Hirschl & Benheim (Cob), Washington, Mo.
Hunter John S. V. (Clay), Camden, N. J.
Kaufmann Bros. & Bondy (All Kinds), 33 E. 17th, New York
Keffer Wm., 1128 N Orianna, Phila., Pa.
Linkman M. & Co., 323 Wells, Chicago, Ill.
Manhattan Briar Pipe Co., 425 Greenpoint av, B'klyn, N. Y.
Missouri Meerschaum Co. (Cob), Washington, Mo.
National Cob Pipe Works (Cob), Union, Mo.
Nax Leonard, 144 Noble, Phila., Pa.
Phoenix American Pipe Works (Cob), Boonville, Mo.
Reagan Ed. (Clay), Syracuse, N. Y.
Reiss Bros. & Co. (Meerschaum), 208 W Monroe, Chicago, Ill.
Smith J. W. (Clay), Town of Union, N. J.
Springwells Clay Pipe Co., Orion, Mich.
Stehr C. (Meerschaum), 347 Broome, New York
Union Pipe Co. (Corncob), Owensville, Mo.
Utter W. H. & Son (Briar), Olean, N. Y.
Washington Cob Pipe Works, Washington, Mo.
Willis Co., 76 Pilling, Brooklyn, N. Y.
Wolf Pipe Co. (Briar & Meerschaum), Detroit, Mich.

10997— Pipes (Supply, for Gas Stoves)

New York Nickel Plating & Mfg. Co., 327 E 63d, New York

10997a—*Pipette Rests (Porcelain)

Ohio Pottery Co., Zanesville, Ohio
See adv index at end of book

10998—Piping (High Pressure)

Almirall & Co., 1 Dominick, New York
American Fdry & Const. Co., 2nd av & Longworth, Pittsburgh, Pa.
American Machine & Mfg. Co., Ltd., Greenville, S. C.
Anderson-Darragh Co., 3206 Penn av, Pittsburgh, Pa.
Ballwood Co., 30 Church, New York
Baltimore Dry Dock & Ship Building Co., Locust Point, Baltimore, Md.
Best Co., 33d & R. R., Pittsburgh, Pa.
Bowers W. A. Heating Co., 484 Market, Milwaukee, Wis.
Braman, Dow Co., 239 Causeway, Boston, Mass.
Bride, Grimes & Co., Lawrence, Mass.
Burlingame A. Co., Worcester, Mass.
Coffin Isaac Co., 52 Sudbury, Boston, Mass.
Crane Co. (Est. 1855) (Steam), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Crane W. F. & Co., 149 B'way, New York
Crook H. E. Co., Inc., 28 Light, Baltimore, Md.
Danforth John W. Co., Buffalo, N. Y.
Downey Heating & Supply Co., 615 Clybourn, Milwaukee, Wis.
Faith S. & Co., 2427 Penna. av, Phila., Pa.
Gaylard & Butler Co., Scranton, Pa.
Hobson & Lawler Co., Lowell, Mass.
Kehm Bros. Co., 15 W Kinzie, Chicago, Ill.
KELLOGG M. W. CO., 90 West, New York
See adv index at end of book
Kries Henry A. & Sons Co., 8 W Lombard, Baltimore, Md.
Kroeschell Bros. Co., 440 W Erie, Chicago, Ill.
McLean & Cousens Co., 204 Purchase, Boston, Mass.
Merrill Co., 19 Pearl, Boston, Mass.
Mitchell W. K. & Co., 2940 Ellsworth, Phila., Pa.
National Valve & Mfg. Co., 31st & Liberty, Pittsburgh, Pa.
Parks G. M. Co., Fitchburg, Mass.
Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
Pittsburgh Piping & Equipment Co., 35th & Charlotte, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
POPE WM. A., 26 N Jefferson, Chicago, Ill.
Reid John L., 356 Mulberry, Newark, N. J.
Riggs, Distler & Stringer (Contractors), 25 Light, Baltimore, Md.
Robbins, Gamwell & Co., Pittsfield, Mass.
Shaw, Kendall Engineering Co., Toledo, O.
Wanner Louis, Jr., 1723 Ludlow, Phila., Pa.
York Engineering Co. (Inc.) (For Steam, Hydraulic & Electric Plants, etc., District Steam & Underground Piping a Specialty), York, Pa.

10999— Piping Systems

Pittsburgh Valve Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.

10999a—*Pistols (Automatic, Toy)

EDWARDS MFG. CO. (Repeating Paper Cap), 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Rockaway Mfg. Co. (Repeating Paper Cap), 421-441 Culvert, Cincinnati, O.

10999b—Pistols (Firearms)

Colts Patent Fire Arms Mfg. Co. (Automatic), Hartford, Conn.
Davis-Warner Arms Co. ("Warner" Automatic), 96 Chambers, New York
Detroit Auto Pistol Co., 180 John, Detroit, Mich.
Harrington & Richardson Arms Co., Worcester, Mass.
Remington Arms-Union Metallic Cartridge Co., 233 B'way, New York
Savage Arms Corp. ("Savage" Automatic), Utica, N. Y.
Stevens J. Arms Co., Chicopee Falls, Mass.

10999c—*Pistols (Repeating Paper Cap)

EDWARDS MFG. CO., Cincinnati, O.
See adv index at end of book

10999d—*Pistols (Toy, Wood)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

10999e—Piston & Valve Rod Plunger

DOMINION ASBESTOS & RUBBER CORP. ("Rodtite," "Dominion"), 154 Nassau, New York
See adv index at end of book

11000— Pistons (Engine)

Aluminum Castings Co. (Aluminum), Cleveland, O.
Capitol Foundry Co., Hartford, Conn.
Cast Iron Brazing & Mfg. Co., Manchester, N. H.
Du Bois Foundry Co., Cold Spring, N. Y.
Dyer G. H. Co. (Automobile), Cambridge, Mass.
Evarts Machine Co., Hartford, Conn.
Hill-Smith Metal Goods Co. (Automobile), 88 Pearl, Boston, Mass.
Houpert Machine Co., 351 W 52d, New York
Interstate Foundry Co., E 61st & Erie R. R., Cleveland, O.
Lakeside Foundry Co., Lycaste av & Terminal Ry, Detroit, Mich.
Levett Walker M. Co. ("Magnelite"), 417 E 23d, New York
McCadden Machine Works, 316 6th av, N St. Cloud, Minn.
Manufacturers Foundry Co., Waterbury, Conn.
Muncie Foundry & Machine Co., Muncie, Ind.
Niagara Brass Mfg. Co., 165 Adams, Buffalo, N. Y.
Otis Machine Works, 191 Mill, Rochester, N. Y.
Pondelick Bros. ("Pondalloy"), Leavitt & Jackson blvd, Chicago, Ill.
Racine Foundry Co., 10th & C. M. & St. P. Ry., Racine, Wis.
Reliance Foundry Co., Richmond, Ind.
Spackle F. W. Machine Co., Indianapolis, Ind.
Spencer-Smith Machine Co., Howell, Mich.
Underwood H. B. & Co., 1025 Hamilton, Phila., Pa.
Wainwright W. W. & Son, Connersville, Ind.
Waterbury Welding Co., Waterbury, Conn.
Wilson Foundry & Machine Co., Pontiac, Mich.

11001— Pistons (Pneumatic Hammer)

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.

11001a— Pitch

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

11002— Pitch (Asphalt)

Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.
Carey Philip Mfg. Co. 330 Wayne av, Lockland, Cincinnati, O.
Chatfield Mfg. Co., Carthage, Cincinnati, O.
Densmore-Stabler Refining Co., Los Angeles, Cal.
General Roofing Mfg. Co., Boatman's Bank bldg, St. Louis, Mo.
Hercules Oil Refining Co., Los Angeles, Cal.
Texas Co,, 17 Battery pl, New York
Warren Chemical & Mfg. Co., 17 Battery pl, New York
Watson H. F. Co., Erie, Pa.
Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.

11003— Pitch (Brewers')

Bishopric Products Co. (Bishopric), Spring Grove & Este av, Cincinnati, O.
Casey John A. Co. (Jobbers), 144 Maiden la, New York
German-American Pitch Co. ("Red Star"), 414 Water, Cincinnati, O.
National Rosin, Oil & Size Co., 90 West, New York
Zobel Ernest Co., 112 2d av, Brooklyn, N. Y.

11004— Pitch (Burgundy)

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Kitz Joseph, 333 Jefferson, Hoboken, N. J.
McKesson & Robbins, 91 Fulton, New York
National Rosin Oil & Size Co., 90 West, New York
West H. T. Co., 148 State, Boston, Mass.

11005— Pitch (Coal Tar)

Bayway Chemical Co., Elizabeth, N. J.
Carey Philip Mfg. Co. 330 Wayne av, Lockland, Cincinnati, O.
Chatfield Mfg. Co., Carthage, Cincinnati, O.
City Gas Co., Norfolk, Va.
Coal Tar Product Co. ("Stag" Brand), 570 Smith, Brooklyn, N. Y.
General Roofing Mfg. Co., Boatman's Bank bldg, St. Louis, Mo.
Larendon M. W. & Co. (Jobbers, Spirits), 82 Wall, New York

PITCH (COAL TAR)—continued
Lewis F. J. Mfg. Co., 2513 S Robey, Chicago, Ill.
New Haven Gas Light Co., New Haven, Conn.
Semet-Solvay Co., Syracuse, N. Y.
Watson H. F. Co., Erie, Pa.

11006—Pitch (Paving & Roofing)

See also Coal Tar Products

ALCATRAZ CO., INC., 3200 Williamsburg av, Richmond, Va.
Am. Tar Products Co. (Old Style), 208 S La Salle, Chicago, Ill.
Armitage Mfg. Co., Richmond, Va.
Atlanta Gas Light Co. ("Agasco" Paving), Atlanta, Ga.
Atlantic Refining Co. (Petroleum), 3144 Passyunk av, Phila., Pa.
Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.
Barrett Co., 17 Battery pl, New York
Cabot Samuel (Inc.), 141 Milk, Boston, Mass.
Carey Philip Mfg. Co. (Asbestos Roofing), 330 Wayne av, Lockland, Cincinnati, O.
Casey John A. Co. (Jobbers, Roofing), 144 Maiden la, New York
Chatfield Mfg. Co., Carthage, Cincinnati, O.
Chatfield & Woods Co. (Mfrs.), 3rd & Plum, Cincinnati, O.
Coal Tar Product Co., 570 Smith, Brooklyn, N. Y.
Ford Mfg. Co., 2339 La Salle, Chicago, Ill.
General Roofing Mfg. Co., Boatman's Bank bldg, St. Louis, Mo.
Lamson John S. & Bro., 347 Madison av, New York
Larendon M. W. & Co. (Roofing, Jobbers), 82 Wall, New York
Lewis F. J. Mfg. Co., 2513 S Robey, Chicago, Ill.
Trinidad Asphalt Mfg. Co., Title Guaranty Trust bldg, St. Louis, Mo.
Walters Mfg. Co., Fulton bldg., Pittsburgh, Pa.
Watson H. F. Co., Erie, Pa.

11007— Pitch (Pine)

Barclay Naval Stores Co., 44 Whitehall, New York
Florida Wood Products Co. (Navy Pitch), Jacksonville, Fla.
General Naval Stores Co. (Inc.) ("Sunny South"), 90 West, New York
Larendon M. W. & Co. (Jobbers), 82 Wall, New York
Martin Wm. A. & Co. (Calking & Navy Pitch), Wilmington, N. C.
National Rosin, Oil & Size Co., 90 West, New York

11007a— *Pitch (Roofing)

Du Pont Chemical Works, 120 B'way, New York

11008— Pitch (Ship)

National Rosin, Oil & Size Co., 90 West, New York
Zobel Ernst Co., 112 2d av, Brooklyn, N. Y.

11009— Pitch (Stearine)

Emery Candle Co., Cincinnati, O.
Fuerst Bros. & Co. (Imp), 2 Stone, New York
Jacob Chas. W. & Allison (Imp), 18 Cedar, New York
Marden, Orth & Hastings Co., 61 B'way, New York
Moore & Munger ("Calaria" Imp), 29 B'way, New York
Scheel Wm. H. (Jobbers), 159 Maiden la, New York

Pitchers (Acid)

See Stoneware, Chemical

11010-1— Pitometers

Pitometer Co. (Portable for Measuring & Recording the Flow of Water in Pipes), 25 Elm, New York

11012— Pivots (Floor)

Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.

11013—Pivots (Steel, for Scientific Instruments)

Wennstrom's John Sons Co., Suffern, N. Y.

11014— Pivots (Window)

Steiner & Voegtly Hardware Co., 230 Diamond, Pittsburgh, Pa.
Tabor Sash Fixture Co., 63 Polk, Newark, N. J.

11014a— *Placques (Wood)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

11014b— *Planers

See also sub-classifications following; also Machinery, Planing

SIMMONS MACHINE CO., 987 B'way, Albany, N. Y.
See adv index at end of book

11015—Planers (Barrel Head)

U. S. Bottlers' Machy. Co. ("Electric"), 1033 W Lake, Chicago, Ill.

11016— Planers (Emery)

Tanite Co. ("Newman"), Stroudsburg, Pa.

11017— Planers (Ice)

Barney & Berry, Springfield, Mass.

11018—Planers (Ice, Elevator)

Bodenstein J. G. & Co., Staatsburg, N. Y.

11019— Planers (Mitre)

Millers Falls Co. ("Rogers"), 28 Warren, New York

11020— Planers (Road)

Puffer-Hubbard Mfg. Co. ("Hubbard's"), 32nd av S & 26th, Minneapolis, Minn.

11021— Planes

Buckeye Mfg. & Fdry. Co. ("Buckeye"), 2046 W 55th, Cleveland, O.
Cassady Fairbank Mfg. Co. (Block & Jack), 6126 Lasalle, Chicago, Ill.
Chapin-Stevens Co. (Bench, Ship Moulding & Grooving), Pine Meadow, Conn.
Gage Tool Co. (Self-Setting), Vineland, N. J.
Grammes L. F. & Sons (Iron Foundry), Allentown, Pa.
See adv index at end of book
Heald, Addison & Son, Milford, N. H.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Ohio Tool Co. (Iron & Wood), Charleston, W. Va.
Sandusky Tool Co. (Bench, etc), Sandusky, Ohio
Sargent & Co. (Iron & Wood Bottom Combination "U. S.," Wooden Bench, Nosing or Step, Dado, Fillester, Rabbit, Match, Sash Moulding, "Kenewa" Bench), New Haven, Conn.
Smith Otis A. ("Fales" Patent Bench), Rockfall, Conn.
Stanley Rule & Level Co. ("Bailey" Adjustable Iron & Wood "Bed Rock"), New Britain, Conn.
Union Mfg. Co. ("Union," Iron & Wood), New Britain, Conn.

11022—Planes (Belt Makers')

Manufacturers Belt Hook Co. ("L.-X."), 1321 W Congress, Chicago, Ill.

11023— Planes (Core Box)

Gray Iron Casting Co. (For Wood Pattern Makers), Springfield, O.

Plancs (Hoof)

See Parers Hoof

11024— Planimeters

American Steam Gauge & Valve Mfg. Co. ("American Amster" Polar), 208 Camden, Boston, Mass.
Ashcroft Mfg. Co. ("Ashcroft" & "Coffin" Averaging), 119 W 40th, New York
BRISTOL CO. ("Bristol's" for Circular Charts), Waterbury, Conn.
See adv index at end of book
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
Du Vivier Ernest H. (Imp.), 30 Church, New York
Elliott B. K. Co., 126 6th, Pittsburgh, Pa.
Gurley W. & L. E. (Polar), Troy, N. Y.
Keuffel & Esser Co., Hoboken, N. J.
Robertson Jas. L. & Son ("The Willis"), 78 Murray, New York
SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book
Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.
Thompson Richard & Co., 126 Liberty, New York
Trill Indicator Co. ("Trill"), Corry, Pa.

11025— Plank Drawer

Pollard Jos. G. (Steel), 141 Raymond, Brooklyn, N. Y.

11026— Planks (Extension)

Andersen Specialty Co., 6 E Lake, Chicago, Ill.

11026a—*Planks (Steak & Fish, Wood)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

11027—Planters (Bean & Pea)

Allen S. L. & Co. ("Planet, Jr."), Denckla bldg, Phila., Pa.
Bateman Mfg. Co. ("Iron Age"), Grenloch, N. J.
Caledonia Bean Harvester Works (Bean), Caledonia, N. Y.
Columbia Planter Co., Springfield, O.
Deere & Co., Moline, Ill.
Gale Mfg. Co. (Bean & Pea), Albion, Mich.
Janesville Machine Co., Janesville, Wis.
McWhorter Mfg. Co. (Bean), Riverton, N. J.
Moline Plow Co. ("Boston" & "Flying Dutchman," "Gretchen"), Moline, Ill.
Ohio Rake Co. (One Row, "Ohio 40," "Ohio 41 C. & C.," "Dayton C. & C."), Dayton, O.
Parlin & Orendorff Co. ("P. & O."), Canton, Ill.
Potato Implement Co. (Hand Bean), Traverse City, Mich.
Superior Churn & Mfg. Co., Northville, Mich.
Wiard Plow Co. (Bean), Batavia, N. Y.

11028— Planters (Beet)

Allen S. L. & Co., Inc. ("Planet Jr."), Denkla bldg, Phila., Pa.
Bateman Mfg. Co. ("Iron Age"), Grenloch, N. J.
Columbia Planter Co., Springfield, O.
Gale Mfg. Co., Albion, Mich.
Thomas Mfg. Co. ("Thomas"), Springfield, O.

11029—Planters (Broom Corn)

Gale Mfg. Co., Albion, Mich.

11030— Planters (Corn)

American Seeding Machine Co. ("Simplex" & "Superior"), Springfield, O.
Ames Plow Co. (One Horse, One Row, etc.), Quincy Hall, Boston, Mass.
Avery B. F. & Sons, Louisville, Ky.
Avery Co. ("Perfection," "Corn King," "Corn Queen" Steel "Perfection"), Peoria, Ill.
Ayers J. R., Petersburg, Va.
Belcher & Taylor Agrl. Tool Co., Chicopee Falls, Mass.
Brinly Hardy Co. ("Derby"), Louisville, Ky.
Campbell Bros. Mfg. Co., Harrison, O.
Cardwell Machine Co. ("Eureka," "Cardwell," "Smith"), Richmond, Va.
Case J. I. Plow Works, Racine, Wis.
Chattanooga Plow Co., Chattanooga, Tenn.
Cole Mfg. Co. (Comb Seed Dropper, etc), Charlotte, N. C.
Collins Plow Co., Quincy, Ill.
Columbia Planter Co., Springfield, O.
Cooper A. A. Wagon & Buggy Co., Dubuque, Ia.
Deere & Co., Moline, Ill.
Deuscher H. P. Co., Hamilton, O.
Donaldson Bros. ("King"), Mt. Clemens, Mich.
Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.
Eureka Mower Co. (1 & 2 Row), 16 Hickory, Utica, N. Y.
Farquhar A. B. Co. (Ltd.) (Also With Fertilizer Attachment), York, Pa.

Fort Madison Plow Co., Fort Madison, Ia.
Gale Mfg. Co. (One & Two Horse Planter & Fertilizers; also Riding; also With Disc), Albion, Mich.
Hayes Pump & Planter Co. (Riding & Walking), Galva, Ill.
Hench & Dromgold ("Daisy," "York"), York, Pa.
Hughes & Smythe, Galena, O.
International Harvester Company of America (Inc.) (International-C. B. & Q.-Hoosier-Kentucky), Harvester bldg, Chicago, Ill.
Janesville Machine Co., Janesville, Wis.
Keystone Machine Co., York, Pa.
Lean Roderick Mfg. Co. ("Roderick Lean"), Mansfield, O.
Lehr Agricultural Co., Fremont, O.
Le Roy Plow Co., Le Roy, N. Y.
Letz Mfg. Co., Crown Point, Ind.
Luthy & Co., Peoria, Ill.
Madison Plow Co., Madison, Wis.
Messinger Mfg. Co., Tatamy, Pa.
Moline Plow Co. ("Champion," Single & Double & Three Row), Moline, Ill.
Mountville Mfg. Co. (Single & Double Row), Mountville, Pa.
National Drill Co., Cambridge City, Ind.
Ohio Cultivator Co., Bellevue, O.
Ohio Rake Co. ("Victor," "Union," "3 Way," "Bulls Eye"), Dayton, O.
Oliver Chilled Plow Works ("Oliver," "Black Hawk"), South Bend, Ind.
Orndorff O. F., Council Bluffs, Ia.
Parlin & Orendorff Co. ("P. & O.," "No. 4," "No. 6" & "Parlin"), Canton, Ill.
Peru Plow & Wheel Co., Peru, Ill.
Peters Pump Co., Kewanee, Ill.
Potato Implement Co., Traverse City, Mich.
Racine-Sattley Co. ("Sattley No. 1," "Sattley No. 6," "New Yay"), Springfield. Ill.
Rock Island Plow Co. (Double & Single Row), Rock Island, Ill.
Sechler D. M. Implement & Carriage Co. "Black Hawk"), Moline, Ill.
South Bend Chilled Plow Co., South Bend, Ind.
Southern Plow Co., Dallas, Tex.
Sterling Mfg. Co., Sterling, Ill.
Superior Churn & Mfg. Co., Northville, Mich.
Texas Implement & Machine Co., Dallas, Tex.
Wayne Works, Richmond, Ind.
Weaver & Co. ("Root"), New Oxford, Pa.
White's S. R. Sons ("Centennial"), Norfolk, Va.
Whitehurst R. W. Corp., Norfolk, Va.
Wiard Plow Co. (Automatic), Batavia, N. Y.
Wistrant Mfg. Co. ("Blue Star"), Galva, Ill.

11031—Planters (Corn, Hand)

Columbia Planter Co., Springfield, O.
Donaldson Bros. ("King'), Mt. Clemens, Mich.
Eagle Machine Co., Lancaster, O.
Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.
Eureka Fence Mfg. Co., Richmond, Ind.
Eureka Mower Co., 16 Hickory, Utica, N. Y.
Hughes & Smythe, Galena, O.
James Mfg. Co. ("Kent," "Triumph"), Ft. Atkinson, Wis.
Kohler F. E. Co. ("Eclipse" Rotary), Canton, O.
Potato Implement Co. ("Acme"), Traverse City, Mich.
Sheffield Mfg. Co. ("American," "Standard," "Old Reliable"), Burr Oak, Mich.
Wabers Mfg. Co. ("U. S."), Racine, Wis.

11032— Planters (Cotton)

Avery B. F. & Sons, Louisville, Ky.
Avery Co. (Steel "Prince," "Princess," "Cotton Prince," "Cotton Princess"), Peoria, Ill.
Brinly Hardy Co., Louisville, Ky.
Campbell Bros. Mfg. Co., Harrison, O.
Case J. I. Plow Works ("Lone Star," "Cell Drop" & "Pitman Drive"), Racine, Wis.
Chattanooga Plow Co., Chattanooga, Tenn.
Cole Mfg. Co., Charlotte, N. C.
Deere & Co., Moline, Ill.
Emerson-Brantingham Co. ("Emerson," Combined Cotton & Corn), Rockford, Ill.
Farquhar A. B. Co. (Ltd.), York, Pa.
Gale Mfg. Co. (Daisy, One & Two Row, Riding), Albion, Mich.
Gantt Mfg. Co., Macon, Ga.
Harriman Mfg. Co., Harriman, Tenn.
Keystone Machine Co., York, Pa.
Lean Roderick Mfg. Co. ("Roderick Lean"), Mansfield, O.
Moline Plow Co. ("Champion" Single & Double Row A-1 & Gearless), Moline, Ill.
National Drill Co., Cambridge City, Ind.
Ohio Cultivator Co. ("Ohio" Sulky, etc), Bellevue, O.
Ohio Rake Co., Dayton, O.
Oliver Chilled Plow Works ("Oliver"), South Bend, Ind.
Parlin & Orendorff Co. ("P. & O." Single & Double Row), Canton, Ill.
Racine-Sattley Co. ("Sattley No. 7"), Springfield, Ill.
Rock Island Plow Co. (Double & Single Row), Rock Island, Ill.
Sechler D. M. Implement & Carriage Co., Moline, Ill.
South Bend Chilled Plow Co. (Cotton & Corn), South Bend, Ind.
Southern Plow Co., Columbus, Ga.
Southern Plow Co., Dallas, Tex.
Texas Implement & Machine Co., Dallas, Tex.
Towers & Sullivan Mfg. Co. ("Dow Law"), Rome, Ga.
White's S. R. Sons ("Eclipse," "Foster"), Norfolk, Va.
Whitehurst R. W. Corp., Norfolk, Va.

11033— Planters (Peanut)

Ayers J. R. ("Ayers," Single-Row-One-Horse), Petersburg, Va.
Champion Potato Machine Co., Hammond, Ind.
Columbia Planter Co., Springfield, O.
McWhorter Mfg. Co. ("McWhorter," Single-Row-Wheel-Hand & Two-Row-One-Horse), Riverton, N. J.
Whitehurst R. W. Mfg. Corp. ("Excelsior" Single-Row-One-Horse), Norfolk, Va.

11034— Planters (Potato)

American Seeding Machine Co. ("Evans," Single-Row; also with Fertilizer Attachment), Springfield, O.
Aspinwall Mfg. Co. ("Aspinwall," Single Row; also with Bean & Pea Planter Attachment; also with Fertilizer Attachment), Jackson, Mich.
Bateman Mfg. Co. ("Robbins," "Iron Age" Single Row; also with Bean & Pea Planter Attachment; also Fertilizer Attachment), Grenlock, N. J.
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Brown-Manly Plow Co. ("Malta"), Malta, Ohio
Champion Potato Machine Co. ("O. K. Champion"; also with Fertilizer Attachment), Hammond, Ind.
Empire Plow Co. ("Empire"), Cleveland, Ohio
Eureka Mower Co. (One & Two Row; also with Fertilizer Attachment), 16 Hickory, Utica, N. Y.
Fetzer & Co. ("McSherry" & "Fetzer"), Springfield, Ill.
Greenville Implement Co. (Hand), Greenville, Mich.
Hassell Iron Works Co. ("Colorado"), Colorado Springs, Colo.
Hirsch Bros. ("Spalding" Single Row), 267 Reed, Milwaukee, Wis.
Hoover Mfg. Co., Avery, O.
McWhorter Mfg. Co. ("McWhorter" Single Row; also with Fertilizer Attachment), Riverton, N. J.
Messinger Mfg. Co. (With Fertilizer Attachment), Tatamy, Pa.
Ohio Rake Co. ("Dayton"), Dayton, O.
Peek's S. H. Sons ("Perfection"), East Aurora, N. Y.
Platt Addison J., Sterling, Ill.
Pugh Mfg. Co., Topeka, Kans.
Potato Implement Co. ("Segment," "Eureka," "Acme," "Peerless," "Tubular," "Swan," "Pingree" & "Dewey" Hand), Traverse City, Mich.
Schofield & Co. ("Schofield," Single Row; also Planter & Digger Combined), Freeport, Ill.
Sheffield Mfg. Co. ("Sheffield" Hand), Burr Oak, Mich.
Southern Plow Co. ("Haimans"), Columbus, Ga.
Springer Bros. Mfg. Co. (Two Row, Check or Drill), Edwardsville, Ill.
Stevens Mfg. & Foundry Co. ("Stevens" Single Row), Decatur, Ill.
Towers & Sullivan Mfg. Co. ("Towers"), Rome, Ga.
Wabers Mfg. Co. ("Invincible" Hand), Racine, Wis.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.

11035—Plaster Boards, Slabs, Etc.

See also Wall Boards

A. B. Fireproofing Co., 64 W. Randoph, Chicago, Ill.
American Cement Plaster Co. ("American"), Lawrence, Kan.
Barrett Co. (Blue Plaster Boards), 17 Battery pl, New York
Beaver Co. ("Beaver"), 956 Beaver rd, Buffalo, N. Y.
Bishopric Mfg. Co. ("Bishopric," Stucco or Plaster), 1453 Este av, Cincinnati, O.
California Bestwall Co. ("Bestwall"), San Francisco, Cal.
Cardiff Gypsum Plaster Co. (Boards), Ft. Dodge, Ia.
Denver Fireproofing Co., Denver, Colo.
Duffy J. P. Co. ("Duffy" Wall Board), 207 E 138th, New York
Ford Mfg. Co. ("Pyramid" Blue), 2338 La Salle, Chicago, Ill.
Fowler & Pay ("Sackett's"), Mankato, Minn.
General Roofing Mfg. Co. (Blue Tarred, Wood Fibre Wall Board, etc), Boatman's Bank bldg, St. Louis, Mo.
Grand Rapids Plaster Co. (Boards), Grand Rapids, Mich.
Keystone Fireproofing Co., Chester, Pa.
King J. B. & Co. ("Kings," Fibrous), 17 State, New York
Klotz A. E. Fireproofing Co., 2517 Washington av, New York
National Plaster Board Co. (Plaster Boards), Cleveland, O.
New Jersey Adamant Mfg. Co., Harrison, N. J.
Niagara Gypsum Co., Buffalo, N. Y.
Reinforced Concrete Roof Co. (Reinforced Concrete), Youngstown, O.
Roberds Mfg. Co. (Boards Only), Marion, Ind.
United Roofing & Mfg. Co. ("Congs"), Morris bldg., Phila., Pa.
United States Gypsum Co. ("Sockett" & "Adamant"), 205 W Monroe, Chicago, Ill.
Wotherspoon Plaster Mills, 725 Vernon av, Long Island City, N. Y.

11036—Plaster Mfrs. (Asbestos)

Johns H. W.-Manville Co., Madison av & 41st, New York
Rutland Fire Clay Co. ("Rutland," Flexible), Rutland, Vt.
United States Gypsum Co. (Wall), 205 W Monroe, Chicago, Ill.

11037—Plaster Mfrs. (Calcined)

Acme Cement Plaster Co., Frisco bldg, St. Louis, Mo.
Alabastine Co. (Also Land Plaster), Grand Rapids, Mich.
American Cement Plaster Co., Lawrence, Kan.
American Gypsum Co., Cleveland, O.
Bangs-Gaynor Cement & Plaster Co. (Land Plaster), Fayetteville, N. Y.
Baugh & Sons Co. (Land Plaster), 20 S Delaware av, Phila., Pa.
Bay City Wood Plaster Co., Bay City, Mich.
Buckhorn Plaster Co., Denver, Colo.
Conn. Adamant Plaster Co., New Haven, Conn.
French Sam'l H. & Co., 4th & Callowhill, Phila., Pa.
Gilmore S., Indian Falls, N. Y.
Grand Rapids Plaster Co. ("Acorn," "Hoveys Eagle," "Green A," & "H. R. M."), Grand Rapids, Mich.
Gypsum Products Co., 14 E Jackson, Chicago, Ill.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Higginson Mfg. Co., Newburgh, N. Y.
Keystone Plaster Co., Chester, Pa.
King J. B. & Co. ("Kings," "Diamond," "Hilsborough," "Snowflake"), 17 State, New York
King C. Volney, 517 West, New York
Lycoming Calcining Co., Williamsport, Pa.

PLASTER MFRS. (CALCINED)—cont'd.
Miller Clifford L. & Co. (White), 280 Madison av, New York
Newark Plaster Co. ("Newark Pottery"), ft Bridge, Newark, N. J.
Niagara Gypsum Co., Buffalo, N. Y.
Pacific Portland Cement Co. Consol., Pacific bldg, San Francisco, Cal.
Rock Plaster Mfg. Co. ("Riverside"), 381 4th av, New York
United States Gypsum Co., 205 W Monroe, Chicago, Ill.
Wotherspoon Plaster Mills, 725 Vernon av, Long Island City, N. Y.

11038—Plaster Mfrs. (Dental)

Acme Cement Plaster Co. ("Apex," "Mission"), Frisco bldg, St. Louis, Mo.
American Cement Plaster Co., Lawrence, Kans.
French Sam'l H. & Co., 4th & Callowhill, Phila., Pa.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Pacific Portland Cement Co. Consol., Pacific bldg, San Francisco, Cal.
United States Gypsum Co., 205 W Monroe, Chicago, Ill.

11039—Plasters Mfrs. (Fibrous & Staff)

American Cement Plaster Co., Lawrence, Kans.
Emmel Chas. & Rose Co., 383 Albany, Boston, Mass.
Grand Rapids Plaster Co., Grand Rapids, Mich.
Harnisch Ad A., Syracuse, N. Y.
Jennens W. H., 1811 Baltimore av, Kansas City, Mo.
Pacific Portland Cement Co. Consol., Pacific bldg, San Francisco, Cal.
United States Gypsum Co., 205 W Monroe, Chicago, Ill.

11040—Plaster Mfrs. (Wall)

See also Stucco Manufacturers

ARIZONA.

DOUGLAS—Arizona Gypsum Plaster Co.

CALIFORNIA.

AMBOY—Consolidated Pacific Cement Plaster Co.
LOS ANGELES—Acme Cement Plaster Co. (See St. Louis, Mo.)
SAN FRANCISCO—Pacific Portland Cement Co. Cons'd ("Empire," "Reno"), Pacific bldg

COLORADO.

DENVER—Buckhorn Plaster Co.
Colorado Portland Cement Co. ("Ideal")
Red Buttes Cement & Plaster Co.
LOVELAND—Loveland Plaster & Mfg. Co.
PORTLAND — Colorado-Portland Cement Co. (See Denver, Colo.)

CONNECTICUT.

NEW HAVEN—Connecticut Adamant Plaster Co.

ILLINOIS.

CHICAGO—American Cement Plaster Co., Conway bldg
Garden City Sand Co., Chamber of Comm. bldg
United States Gypsum Co. ("Alabaster," "Baker," "Big Four," "Eldorado," "Flint," "Granite," "Imperial," "Ivory," "O. K.," "Pyramid," "Rock," "Zenith," Cement; "Adamant," "Alabaster," "Baker," "Big Four," "Diamond," "Fitzgerald," "Flint," "Granite," "Imperial," "Ivory," "Rock," "Zenith," Prepared; "Alabaster," "Baker," "Flint," "Granite," "Imperial," "Ivory" "Rock," "Zenith," Wood Fibre), 205 W. Monroe
PEORIA—U. S. Gypsum Co. (See Chicago, Ill.)

INDIANA.

INDIANAPOLIS—Keeport A. B. & Co., 620 N Senate av
NEW ALBANY—New Albany Wall Plaster Co. ("Star" & Wood Fibre)

IOWA.

CEDAR RAPIDS—King's Crown Plaster Co. (Wood Fibre)
FORT DODGE—American Cement Plaster Co. (See Lawrence, Kans.)
Cardiff Gypsum Plaster Co. ("Kalloite")
Plymouth Gypsum Co. ("Plymouth," "Hardernell," "Iowa" Special, Cement & Wood Fibre)
U. S. Gypsum Co.
Wasem Plaster Co. ("Monarch")

KANSAS.

BLUE RAPIDS—American Cement & Plaster Co. (See Lawrence, Kans.)
United States Gypsum Co. (See Chicago, Ill.)
LAWRENCE—American Cement Plaster Co. ("Agatite," "Eagle," "Peerless," "Eureka," "Crystal Rock," "Samson," "Krisolite," "White Rock," "Keystone," "Great Western" Wood Fibre & "Satin Spar," "Sun Flower," "White Rock" Finishing)
MEDICINE LODGE—Best Bros. Keen's Cement Co.

KENTUCKY.

LOUISVILLE—Atlas Wall Plaster Co.
Kentucky Wall Plaster Co.

MICHIGAN.

ALABASTER—U. S. Gypsum Co. (See Chicago)
BAY CITY—Bay City Wood Plaster Co. (Fibre)
DETROIT—Little Chas. H. Co., Dock River Rouge
GRAND RAPIDS—Acme Cement Plaster Co. (See St. Louis, Mo.)
Alabastine Co. (Plasticon Hard Wall)
American Cement Plaster Co. (See Lawrence, Kans.)
Grand Rapids Plaster Co.
United States Gypsum Co. (See Chicago)

MINNESOTA.

MANKATO—Fowler & Pay ("Jasper")
MINNEAPOLIS—U. S. Gypsum Co., Lumber Exchange (See Chicago)

MISSOURI.

ST. LOUIS—Acme Cement Plaster Co. ("Acme, "Apex" Cement Wood Fibre & Moulding; "Laramie Standard," "Climax," "Independent" & "Royal" Cement & Wood Fibre), Frisco bldg
Glencoe Lime & Cement Co. ("Alca Lime"), Syndicate Tr. bldg
Hunkins-Willis Lime & Cement Co., Century bldg

MONTANA.

GREAT FALLS—U. S. Gypsum Co. (See Chicago)

NEW JERSEY.

EAST NEWARK—New Jersey Adamant Mfg. Co.

NEW MEXICO.

ACME—Acme Cement & Plaster Co. (See St. Louis, Mo.)
ANCHO—Western Clay & Gypsum Products Co.

NEW YORK.

AKRON—American Cement Plaster Co.
American Gypsum Co. (See Rochester, N. Y.)
BUFFALO—Buffalo Paragon Wall Plaster Co., Ellicott sq
Niagara Gypsum Co. ("Niagara" Brand)
United States Gypsum Co., Brisbane bldg. (See Chicago, Ill.)
CALEDONIA—Consol. Wheatland Plaster Co.
CAYUGA—U. S. Gypsum Co. (See Chicago, Ill.)
FAYETTEVILLE—Bangs-Gaynor Cement & Plaster Co.
Sheedy Thos. W.
GARBUTT—Diamond Wall Cement Co.
Empire Gypsum Co. (Wall Plaster Sanded & Wood Fibre Plaster) (See Rochester, N. Y.)
Lycoming Calcining Co. (See Williamsport, Pa.
United States Gypsum Co. (See Chicago)
INDIAN FALLS—Gilmore S.
NEWBURGH—Higginson Mfg. Co.

NEW YORK CITY.

Boroughs of Manhattan and Bronx.

NEW YORK—King C. Volney, 517 West
King J. B. & Co., 17 State
Miller Clifford L. & Co., 280 Madison av
Rock Plaster Mfg. Co. ("Rock," "Blue Seal Rock," Wall), 381 4th av
United States Gypsum Co., 1170 B'way (See Chicago)

Borough of Queens.

LONG ISLAND CITY—Wotherspoon Plaster Mills, 725 Vernon av

Borough of Richmond.

NEW BRIGHTON—King J. B. & Co., 576 Rich Ter. (See New York City)

(End of New York City)

OAKFIELD—Niagara Gypsum Co. (See Buffalo, N. Y.)
United States Gypsum Co. (See Chicago)
ROCHESTER—American Gypsum Co.
Empire Gypsum Co. ("Empire," "Cement," "Reliance" Wood Fibre, "Excelsior" Sanded)
ROSLYN—King J. B. & Co. (See N. Y. City)
SYRACUSE—Pack George W. & Son ("Imperial" Adamant & Wood Fibre)
Paragon Plaster Co., 300 W Water
Syracuse Wall Plaster Co.
UTICA—American Hard Wall Plaster Co.
Empire Wall Plaster Co.
WHEATLAND — Consolidated Wheatland Plaster Co. (See Calendonia, N. Y.)
Empire Gypsum Co. (See Rochester, N. Y.)

OHIO.

CLEVELAND—Cleveland Builders' Supply Co., Leader-News bldg
Forrester Plaster Co., ft E 49th
Kelleys Island Lime & Transport Co.
United States Gypsum Co. (See Chicago)
COLUMBUS — Hamilton Parker Fuel & Supply Co., 491 Kilbourne
GYPSUM—American Cement Plaster Co.
United States Gypsum Co. (See Chicago)
PORT CLINTON—American Gypsum Co.
TOLEDO—Toledo Pulp Plaster Co. (Pulp)
Woodville Lime Products Co. ("Alca" Lime)
YOUNGSTOWN—Sharp Bros.

OKLAHOMA.

ALVA—Oklahoma Plaster Co.
BICKFORD—Romen Nose Gyp. Co. ("Chief")
CEMENT—Acme Cement Plaster Co. (See St. Louis, Mo.)
ELDORADO—U. S. Gypsum Co. (See Chicago)
MARLOW—Acme Cement Plaster Co. (See St. Louis, Mo.)
OKARCHE—U. S. Gypsum Co. (See Chicago)
OKLAHOMA—Texas Cement Plaster Co.
WATONGA—American Cemeent Plaster Co. (See Lawrence, Mass.

PENNSYLVANIA.

BRADDOCK—Crown Wall Plaster Co.
CHESTER—Keystone Plaster Co. ("Adamant" & Victor)
LEBANON—Granitine Wall Plaster Co.
NEW BRIGHTON—New Brighton Plaster Co.
NEW CASTLE—New Castle Elastic Pulp Plaster Co. (Pulp)
NEW KENSINGTON—New Kensington Fibre Plaster Co. (Fibre)
PHILADELPHIA—French Sam'l H. & Co., 4th & Callowhill
SCRANTON—Paragon Plaster & Supply Co.
SPEERS—Charleroi Hard Wall Plaster Co.
WILLIAMSPORT—Diamond Wall Cement Co.
Lyconoming Calcining Co.

SOUTH DAKOTA.

BLACK HAWK—Dakota Plaster Co. (See Rapid City, S. D.)
RAPID CITY—Dakota Plaster Co.
United States Gypsum Co. (See Chicago)

TEXAS.

ACME—Acme Cement Plaster Co. (See St. Louis, Mo.)
American Cement Plaster Co. (See Lawrence, Kan.)
HAMLIN—Texas Cement Plaster Co.

UTAH.

NEPHI—Nephi Plaster & Mfg. Co. (See Salt Lake City, Utah)
SALT LAKE CITY—American Keene Cement Co. (See Sigurd, Utah)
Nephi Plaster & Mfg. Co.
SIGURD—American Keene Cement Co.
Jumbo Plaster & Cement Co.

VERMONT.

BELLOWS FALLS—Bellows Falls Pulp Plaster Co. (Pulp)
RUTLAND—Rutland Fire Clay Co. ("Rutland," Flexible Asbestos)

VIRGINIA.

NORTH HOLSTON—Southern Gypsum Co., ("Cherokee," "King's Mountain," "Boone," "Carara" Cement & Wood Fibre)
PLASTERCO—U. S. Gypsum Co. (See Chicago)
RICHMOND—Moore, Warner & Co., 17th

WASHINGTON.

SEATTLE—Pioneer Plaster Co.
TACOMA—Pacific Coast Gypsum Co. (Plaster of Paris, Hard Wall, Land Plaster, etc)

WEST VIRGINIA.

WHEELING—Wheeling Wall Plaster Co.

WISCONSIN.

MILWAUKEE—U. S. Gyp. Co., Grove & Oregon (See Chicago)
SUPERIOR—U. S. Gypsum Co. (See Chicago)

WYOMING.

LARAMIE—Acme Cement Plaster Co. See St. Louis, Mo.)
Overland Cement Plaster Co.

11041—Plasters Mfrs. (White Trowel Finishing)

U. S. Gypsum Co. ("Adamant No. IXXX," "Imperial," "Ivory," "Rock," "Universal"), 205 W Monroe, Chicago, Ill.

11042—Plaster Mfrs. (Wood Fibre)

Rutland Fire Clay Co. ("Rutland"), Rutland, Vt.
U. S. Gypsum Co. ("Alabaster," "Baker," "Big Four," "Flint," "Granite," "Imperial," "Ivory," "Rock," "Zenith"), 205 W Monroe, Chicago, Ill.

Plaster of Paris Mfrs.

See Plaster Manufacturers, Calcined

11043—Plaster Products for Paper Trade

Keystone Plaster Co., Chester, Pa.
U. S. Gypsum Co., 205 W Monroe, Chicago, Ill.

11044— Plasterers' Steel Corner Beads

Berger Mfg. Co., Canton, O.
Boston Metal Ceiling & Mfg. Co., 516 Atlantic av, Boston, Mass.
Bostwick Steel Lath Co. ("The Bostwick" Hot Galvanized), Niles, O.
Braun J. G., 609 S Paulina, Chicago, Ill.
Church Appliance Mfg. Co. ("Heinz"), La Salle, Ill.
Clark Caster Co. ("Straitedge"), Plainville, Conn.
Consolidated Expanded Metal Co.'s ("Steelcrete"), Braddock, Pa.
Dexter Metal Mfg. Co. (Also Metal), 93 Arch, Camden, N. J.
Dowman-Dozier Mfg. Co., Atlanta, Ga.
Gara, McGinley Co. (Woods), 23 S 17th, Phila., Pa.
General Fireproofing Co. ("G. F. Allsteel"), Youngstown, O.
Hastings Foundry & Iron Works (Expanded Metal), Hastings, Neb.
Knapp Bros. Mfg. Co. ("Imperial," "Protection," "Non-Clip"), 2419 W 14th, Chicago, Ill.
Milwaukee Corrugating Co., Milwaukee, Wis.
Northwestern Expanded Metal Co. ("Kno-Equal"), Old Colony bldg, Chicago, Ill.
Penn Metal Ceiling & Roofing ((Ltd.), 23d & Hamilton, Phila., Pa.
Penn Metal Co. ("Penco"), 65 Franklin, Boston, Mass.
Prescott J. B. & Son ("Prescott"), Webster, Mass.
Rogers-Shear Co. ("Universal," all kinds), Warren, Pa.
St. Paul Roofing, Cornice & Ornament Co. ("Pruden"), West St. Paul, Minn.
Sharon Steel Hoop Co. ("Mahoning," "Parker" Rail Bead, "American" Apron Bead), Sharon, Pa.
Sykes Metal Lath & Roofing Co., Niles, O.
Truscon Steel Co., Youngstown, O.
Union Metal Corner Co. ("Hannon," "Hospital," "Union," "Hub" & "G. S.,") 18 Heath, Boston, Mass.
Wicks M. O. Mfg. Co., Glen Cove, N. Y.
Youngstown Pressed Steel Co. ("American," "Parker"), Youngstown, O.

11045 Plastering Fibre

American Fibre Co., Jacksonville, Fla.
Boston Excelsior Co., 11th av & 29th, New York
Fernald Co. ("Giant"), 221 Tehama, San Francisco, Cal.
Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
Whiting E. B. & A. C. Co., Burlington, Vt.

11046— Plastering Hair

Armour Curled Hair & Felt Works, 3131 Benson, Chicago, Ill.
Bickta Chas. F., 2d & Greenhill av, Wilmington, Del.
French Sam'l H. & Co., 4th & Callowhill, Phila., Pa.
Grover John D. & Son, Somerset & Tulip, Phila., Pa.
Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
Illinois Leather Co., 930 N Halsted, Chicago, Ill.

11047—Plasters (Medical & Surgical)

Asceptic Products Co., 237 Borden av, Long Island City, N. Y.
Johnson & Johnson, New Brunswick, N. J.
Seabury & Johnson, 59 Maiden la, New York
Seligman Arthur (Imp), 165 Broadway, New York

11048— Plate (Aluminum)

Aluminum Co. of America, Oliver bldg, Pittsburgh, Pa.
See adv index at end of book

11049— Plate (Armor)

Bethlehem Steel Co. (Forged, etc), South Bethlehem, Pa.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Midvale Steel & Ordnance Co. (Forged), Nicetown, Phila., Pa.

Plate (Copper)

See Plates, Copper

Plate (Platinum)

See Platinum, Sheet & Wire

Plate (Shovel)

See Steel Shovel Plate

Plate (Steel Boiler)

See Iron & Steel Boiler & Tank Plate

Plate (Steel Fish)

See Braces, Rail

Plate (Tack)

See Steel Tack Plate

11050— Plateaux (Mirror)

Baum Chas. (Reflectors for Cut Glass), 311 B'way, New York

11051— Plateaux (Table)

Gallagher P. J., 24 New Chambers, N. Y

11052— Platens (Typewriter)

Ames & Filstead Co., 607 S Dearborn, Chicago, Ill.
Goodrich B. F. Co., Akron, O.

11053— Platers' Sponge

Kendrick-Davis Co. ("K-D"), Lebanon, N. H.

11054—Platers' & Polishers' Supplies

See also specific article required

Apothecaries Hall Co., Waterbury, Conn.
Bennett-O'Connell Co., 3600 S Morgan, Chicago, Ill.
Burns E. Reed Supply Co., 25 Jackson, Brooklyn, N. Y.
Cleveland Tool & Supply Co., 1427 W 6th, Cleveland, O.
Clinton Supply Co., 117 S. Clinton, Chicago, Ill.
Coxsackie Wheel & Mfg. Co., Coxsackie, N. Y.
Cutter & Wood Supply Co., 68 Pearl, Boston, Mass.
Day S. A. Mfg. Co., 1483 Niagara, Buffalo, N. Y.
Electric Smelting & Aluminum Co., Lockport, N. Y.
Ely C. Upham, 60 Vesey, New York
Fansher Bros., Dayton, O.
Flavin W. H. & Co., 247 Center, New York
Foot Mfg. Co. (Polishing Felts, Buffs, Brushes, etc), 36 Germania av, Jersey City, N. J.
General Supply Co., 1122 St. Clair av, Cleveland, O.
General Platers' Supply Co., 489-493 Broome, New York
Gold Walter C., 235 Race, Philadelphia, Pa.
Hanson & Van Winkle Co., 269 Oliver, Newark, N. J.
Hill & Griffith Co., 1248 State av, Cincinnati, O. & Birmingham, Ala.
See adv index at end of book
L'Hommedieu Chas. F. & Sons Co., 24 S Clinton, Chicago, Ill.
Lang R. F., 8 Bridge, New York
Lyman John R. Co., Springfield, Mass.
Munning-Loeb Co., Matawan, N. J.
New York Buff Co., 202 Centre, New York
Stevens Frederick B., 3d & Larned, Detroit, Mich.
Tolhurst Machine Works (Metal Dryers), Troy, N. Y.
Woodison E. J. Co., Detroit, Mich.
Yorkville Mfg. Co., 249 Hinsdale, Brooklyn, N. Y.
Zucker George Co., 202 Emmett, Newark, N. J.

11055—Plates (Amalgamating)

San Francisco Plating Works ("Silver" Plated Copper), 1349 Mission, San Francisco, Cal.

11056—Plates (Angle, Adjustable)

Boston Scale & Machine Co. (Universal), 100 Ruggles, Boston, Mass.
Frederick Machine Works, Norwalk, O.

11057— Plates (Baffle)

Bossert Coop. The, Utica, N. Y.
See adv index at end of book
Engineer Co. (Boiler), 17 Battery pl, New York
Meek Oven Mfg. Co. ("Lawrence" for Gas Stoves), Newburyport, Mass.

11058— Plates (Base)

Illinois Steel Co., 208 S La Salle, Chicago, Ill.

11059—Plates (Baseball Shoe)

Parker Wire Goods Co., Worcester, Mass.
Spalding A. G. & Bros., 126 Nassau, New York

11060— Plates (Battery)

Lamprey Co., Westfield, Mass.
National Carbon Co. (Carbon), Madison av N & 117th, Cleveland, O.
United Lead Co. (Lead), 111 B'way, New York

11061— Plates (Boiler Arch)

Lamprey Co., Westfield, Mass.
RYERSON JOS. T. & SON, 2558 W 16th, Chicago, Ill.
See adv index at end of book

11062—Plates (Bolster & Transom)

Alloy Steel Forging Co., Carnegie, Pa.
Harvey Spring & Forging Co., Racine, Wis.

11063— Plates (Bosh)

Keystone Bronze Co., Pittsburgh, Pa.
Lawrenceville Bronze Co., Bessemer bldg, Pittsburgh, Pa.
Smeeth-Harwood Co., 2401 W 22d, Chicago, Ill.

11064—Plates (Box Printing)

Houchin, Aiken Co., 37 53d, Brooklyn, N. Y.

11065— Plates (Brazing)

Phillips-Laffitte Co. ("Laffitte"), Penna. bldg, Phila., Pa.

11066— Plates (Buckle)

Cambria Steel Co., Widener bldg, Phila., Pa.
Edge Moor Iron Co., Edge Moor, Del.
Glasgow Iron Co., Pottstown, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.

11067— Plates (Bumper)

Ireland & Matthews Mfg. Co. (For Plumbers' Wood Work), Detroit, Mich.
Kansas City Bolt & Nut Co. (Wrought Iron), Kansas City, Mo.
Republic Structural Iron Works Co., 1350 E 53d, Cleveland, Ohio

11068—*Plates (Bushing Guide Pipe)

GREENFIELD TAP & DIE CORP'N ("G. T. D."), Greenfield, Mass.
See adv index at end of book

Plates (Card & Label)

See Holders, Card & Label

11069—Plates (Cast Iron Stack)

KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa.
See adv index at end of book
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Standard Tank Co., 15 Park Row, New York

11070— Plates (Center)

Gould Coupler Co., 30 E 42d, New York
Kansas City Bolt & Nut Co. (Forged), Kansas City, Mo.
Joliet Railway Supply Co. ("Hartman" Ball Bearing), 4052 Princeton av, Chicago, Ill.
National Car Coupler Co., 332 S Michigan av, Chicago, Ill.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Standard Car Truck Co. ("Barber" Roller Bearing), 332 S Michigan av, Chicago, Ill.
Steel Car Forge Co. (Drop Forged), Pittsburgh, Pa.
Symington T. H. Co. ("Baltimore" Ball Bearing), Md. Trust bldg, Baltimore, Md.
Transue & William Steel Forging Corp., Alliance, O.
Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

11071— Plates (Cesspool)

Casey-Hedges Co., Chattanooga, Tenn.
Fee & Mason, 81 Beekman, New York
Glenn Fred. E., St. Charles, Ill.
Jones Hollow Ware Co., Forrest & Madison, Baltimore, Md.

11072—Plates (Chandelier Shower)

Friedley-Voshardt Co. (Brass & Copper), 733 S Halsted, Chicago, Ill.

11073— Plates (Check)

Ajax Metal Co. ("Ajax Perfecto"), 46 Richmond, Phila., Pa.

11074—Plates (Chrome Steel)

Chrome Steel Works (Also Welded), Chrome, N. J.

11074a—*Plates (Church Offertory & Collection)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

11075— Plates (Chute)

Alloy Steel Forging Co., Carnegie, Pa.
American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.

11076—Plates (Condenser & Supporting)

AMERICAN BRASS CO. (Tobin Bronze), Waterbury, Conn.
For branch offices see adv index at end of book
Taunton-New Bedford Copper Co. (Yellow Metal), Taunton, Mass.

11077— Plates (Copper)

ALLOY STEEL PRODUCTIONS CORP., 30 Church, New York
See adv index at end of book
AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
National Brass & Copper Co., Lisbon, O.
Taunton-New Bedford Copper Co., Taunton, Mass.

11078— Plates (Core)

Advance Engineering Co., Metta av, Cleveland, O.
Diamond Clamp & Flask Co. (Asbestos), Richmond, Ind.
Wadsworth Core Machine & Equipment Co., Akron, O.

11079— Plates (Crusher)

American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
Central Foundry Co., Webb City, Mo.
Pennington Geo. W. Sons, 1699 Montgomery, San Francisco, Cal.
Philadelphia Roll & Machine Co. (Chilled), 25th & Washington av, Phila., Pa.

11080— Plates (Damper)

Parker Supply Co., 785 E 135th, New York

11081— Plates (Deck)

Sands A. B. & Son Co., 22 Vesey, New York
Wilcox, Crittenden & Co., Middletown, Conn.

11081a—*Plates (Dessicator)

Ohio Pottery Co. (Porcelain with Holes Top Glazed), Zanesville, Ohio
See adv index at end of book

11082—Plates (Diamond Draw)

American Electrical Works, Philipsdale, R. I.
Balloffet-Baszanger Die Co. (Steel Set), 108 Fulton, New York

11083—Plates (Die, Adjustable)

ARMSTRONG MFG. CO. ("Armstrong"), 278 Knowlton, Bridgeport, Conn.
See adv index at end of book
BORDEN CO. (The), Warren, O.
See adv index at end of book
Hart Mfg. Co. ("Duplex"), Cleveland, O.
Jarecki Mfg. Co., Erie, Pa.
Toledo Pipe Threading Machine Co. ("Toledo"), 1440 Summit, Toledo, O.

11084— Plates (Dry)

American Dry Plate Co., Worcester, Mass.
Central Dry Plate Co., 1811 Arsenal, St. Louis, Mo.
Cramer G. Dry Plate Co., Shenandoah & Lemp avs, St. Louis, Mo.
Defender Photo Supply Co. ("Defender Orthochromatic"), Rochester, N. Y.
Eastman Kodak Co. ("Seeds," "Velox"), Rochester, N. Y.
Forbes Dry Plate Co., 26 Forbes, Rochester, N. Y.
Hammer Dry Plate Co., Ohio av & Miami, St. Louis, Mo.
Phenix Plate Co., Worcester, Mass.
Shepard Mfg. Co., Worcester, Mass.
Straight Dry Plate Co., Jamestown, N. Y.

11085— Plates (End Gate)

Griffin Mfg. Co., Erie, Pa.

11086—Plates (Engravers' Metal)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
American Steel & Copper Plate Co. (Steel, Copper, Brass & Zinc), 101 Fairmont av, Jersey City, N. J.
Crowe Name Plate & Engraving Co., 1749 Grace, Chicago, Ill.
North American Copper Co., 52 Vanderbilt av, New York
N. Y. Steel & Copper Plate Co., 30 Morton, Broklyn, N. Y.
Snyder William H. Co., 247 Centre, New York

11087— Plates (Expansion)

Beaton & Cadwell Mfg. Co. ("Perfection"), New Britain, Conn.
General Fire Extinguisher Co., Providence, R. I.
Grabler Mfg. Co. (Steel), Cleveland, O.
Hoffmann B. Mfg. Co. (Hook & Expansion Plates), 257 6th, Milwaukee, Wis.
Newbury Jas. H., Goshen, N. Y.
Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
Walworth Mfg. Co., Boston, Mass.

11088— Plates (Felloe)

American Mfg. Co., Chattanooga, Tenn.
American Shovel & Stamping Co., Lorain, Ohio
Clark W. J. Co., Salem, O.
Columbus Bolt Works Co., Columbus, O.
Hager C. & Sons Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.
McKinley Mfg. Co. (Wrought Steel), North Side Pittsburgh, Pa.
Sessions J. H. Son, Bristol, Conn.
Upson Nut Co., Cleveland, O.
Woodruff W. W. & Sons Co., Mt. Carmel, Conn.
Wrought Washer Mfg. Co., Milwaukee, Wis.
Youngstown Pressed Steel Co., Youngstown, Ohio

11088a— Plates (Filter)

Ohio Pottery Co. (Porcelain Hirsch), Zanesville, Ohio
See adv index at end of book

11089— Plates (Filter Press)

Allbright-Neil Co., 5323 Western blvd, Chicago, Ill.
American Mfg. Co., Chattanooga, Tenn.
Aterite M. H. Co. Inc. (Acid), 55 John, New York
Cornell Iron Works, 26th & 11th av, New York
Jackson & Church Co., Saginaw, Mich.
Johnson John Co., 203 37th, B'klyn, N. Y.
Moore Sam'l L. & Sons, Elizabeth, N. J.
Mundt Chas. & Sons, 53 Fairmont av, Jersey City, N. J.
Provost Engng. Corp. ("Provo"), 218 B'way, New York
Shriver T. & Co., Harrison, N. J.

11090—Plates (Flat & Curved)

Disston Hy & Sons (For Scoring, Cutting & Creasing Presses), Tacony, Phila., Pa.

11091—Plates (Floor, Iron & Steel)

American Pressed Steel Co., Commercial Trust bldg, Phila., Pa.
Bartholomew M. L. (Pressed Steel, Ribbed & Diamond Pattern), Phoenixville, Pa.
Booth J. B. Co., 216 E Robinson, Pittsburgh, Pa.
Cambria Steel Co., Widener bldg, Phila., Pa.
Carnegie Steel Co. (Steel), Carnegie bldg, Pittsburgh, Pa.
Castle A. M. & Co. (Diamond or Ribbed Rolled Steel), 1300 N Branch, Chicago, Ill.
CHICAGO BRIDGE & IRON WORKS, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book
Decker A. S. & Co. (Diamond & Ribbed Pattern Rolled Steel), House bldg, Pittsburgh, Pa.
Donley Brothers Co. The, 3625 E 74th, Cleveland, O.
See adv index at end of book
Froment & Co., 150 Bank, New York
Keystone Steel Co. ("Kesco" Open Hearth Wrought Steel, Diamond, Ribbed & Checkered Pattern), Warren, Pa.
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Moorhead Bros. & Co., Sharpsburg, Pa.
Ogden & Wallace (Never Slip Wrought Steel), 577 Greenwich, New York
Republic Structural Iron Works Co. (Pressed Steel), 1350 E 53d, Cleveland, O.
RYERSON JOS. T. & SON, 2558 W 16th, Chicago, Ill.
See adv index at end of book
SNEAD & CO. IRON WORKS (Cast Iron), 98 Pine, Jersey City, N. J.
See adv index at end of book
Townsend Foundry & Machine Shop Co. (Cast Iron), Broadway & Rensselaer, Albany, N. Y.
See adv index at end of book
Waterbury Foundry Co., Waterbury, Conn.
Wood Alan Iron & Steel Co. ("A. W." Diamond & Ribbed Pattern Rolled Steel), Widener bldg., Phila., Pa.

Plates (Floor, Wrought Steel)

See Plates, Floor, Iron & Steel

11092—Plates (Floor & Ceiling)

Beaton A. J. Mfg. Co., New Britain, Conn.
Beaton & Cadwell Mfg. Co. ("Perfection"), New Britain, Conn.
Beaton & Corbin Mfg. Co. ("Wells," "B. & C.," "Bishop"), Southington, Conn.
Boekel Wm. & Co., 518 Vine, Phila., Pa.
Cheney S. & Son, Manlius, N. Y.
Clarke Robt., 98 Schermerhorn, Brooklyn, N. Y.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Crescent Brass & Pin Co., 1150 Trumbull, Detroit, Mich.
Crescent Mfg. Co., Bristol, Conn.
Cryer T. B. Co. ("O. K"), 249 High, Newark, N. J.
Davies & Thomas Co. (Cast Iron, Diamond & Checkered), Catasaqua, Pa.
Detroit Brass Works, Detroit, Mich.
Devlin Thos. Mfg. Co., 3d & Lehigh av, Phila, Pa.
Donley Bros. Co., 3625 E 74th, Cleveland, O. *See adv index at end of book*
Eriez Stove & Mfg. Co., Erie, Pa.
Exeter Brass Works, Exeter, N. H.
Fee & Mason, 81 Beekman, New York
Flagg Stanley G. & Co., Morris bldg, Phila., Pa.
Ford & Kendig Co., 312 W 24th, Phila, Pa.
Fort Pitt Malleable Iron Co., Thompson & Crawford, Pittsburgh, Pa.
General Fire Extinguisher Co., Providence, R. I.
Glenn Fred E., St. Charles, Ill.
Grabler Mfg. Co. (Cold Rolled Steel, Brass, Cast Iron, etc), Cleveland, O.
Grundy Brass Works, Boston, Mass.
Haydenville Co., Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
Hoffman B. Mfg. Co., 257 6th, Milwaukee, Wis.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
Ireland & Matthews Mfg. Co. (Spun Brass), Detroit, Mich.
Jarecki Mfg. Co. (Cast Iron), Erie, Pa.
Kelly & Jones Co. (Cast Iron), 135 Water, Pittsburgh, Pa.
Kupferle John C. Foundry Co., 1st & Wright, St. Louis, Mo.
McNab & Harlin Mfg. Co., 55 John, New York
Magee Valve Co. ("Jumbo"), 136 Beekman, New York
Matthews Mfg. Co. ("Improved"), 104 Gold, Worcester, Mass.
See adv index at end of book
Modern Iron Works, Quincy, Ill.
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
Nelson N. O. Mfg. Co. ("Vosberg" Thimble), 10th & Chestnut, St. Louis, Mo.
Newbury Jay H., Goshen N. Y.
Newbury Mfg. Co., Monroe, N. Y.
Parker Wire Goods Co. ("H. & B." Perfection), Worcester, Mass.
Perkes Chas. (Est. of), 627 Arch, Phila., Pa.
Pittsburgh Valve & Fittings Co., Frick bldg., Pittsburgh, Pa.
Ravena Iron Co., Ravena, N. Y.
Rundle-Spence Mfg. Co., 63 2d, Milwaukee, Wis.
Russell W. A. & Co. ("Imperial," "Ajax"), 63 W 37th, New York
Rutzler Enoch Co., 404 E 49th, New York
Schweitzer C. & R., 849 Center, Chicago, Ill.
Simmons John Co. ("Simmons"), 110 Centre, New York
Stearns E. C. & Co. (Ceiling), 450 Oneida, Syracuse, N. Y.
Walworth Mfg Co., Boston, Mass.
Waterbury Mfg. Co., Waterbury, Conn.
Wolverine Brass Works, Grand Rapids, Mich.

11092a—Plates (Flush Switch)

American Pin Co., Waterbury, Conn.
Arrow Electric Co., 103 Hawthorne, Hartford, Conn.
Bryant Elec. Co., 142 State, Bridgeport, Conn.
Chattanooga Stamping & Enameling Co. (Porcelain & Enameled), Chattanooga, Tenn.
Connecticut Elec. Mfg. Co. (Brass), Conn. av, Bridgeport, Conn.
Connecticut Telephone & Elec. Co., 70 Britannia, Meriden, Conn.
Gillinder & Sons, Inc. (Glass), State & Deverlaux, Phila., Pa.
Hart & Hegeman Mfg. Co., Capitol av, Hartford, Conn.
Hubbell Harvey (Aligning), Bridgeport, Conn.
Keil Francis & Son (Steel), 401 E 163d, New York
Lovell F. H. Co., Arlington, N. J.
Luminous Unit Co. (Porcelain-Enameled), Jefferson & Washington av, St. Louis, Mo.
Metropolitan Elec. Mfg. Co., 14th, Long Island City, N. Y.
Pioneer Corp., 1249 W 65th, Chicago, Ill.
R. & H. Mfg. Co., Cleveland, Ohio
Union Electric Co., Trenton, N. J.
United States Glass Co., S 9th & Bingham, Pittsburgh, Pa.

11093— Plates (Follower)

Allegheny Forging Co., 1st Nat'l Bank bldg, Pittsburgh, Pa.
Etna Forge & Bolt Co., House bldg, Pittsburgh, Pa.
Hubbard & Co. (For Car Builders), 63d & Butler, Pittsburgh, Pa.
Kansas City Bolt & Nut Co. (For Car Builders), Kansas City, Mo.
Pittsburgh Forge & Iron Co., Chamber of Commerce bldg, Pittsburgh, Pa.
Steel Car Forge Co., Pittsburgh, Pa.

11094— Plates (Gusset)

Republic Structural Iron Works Co., 1350 E 53d, Cleveland, O.
Solar Metal Products Co. (Steel), Columbus, Ohio
Wrought Washer Mfg. Co., Milwaukee, Wis.

11095—Plates (Gutter Crossing)

Canton Foundry & Machine Co., Canton, O.
Crescent Novelty Mfg. Co. (and Sidewalk), 703 S B'way, St. Louis, Mo.
South Bend Foundry Co. (Cast Iron Corrugated), South Bend, Ind.
See adv index at end of book

11096— Plates (Hame Tug)

Frazer & Jones Co. ("Advance"), Syracuse, N. Y.
North & Judd Mfg. Co. ("Perfection"), New Britain, Conn.

11097— Plates (Heel)

Crescent Mfg. Co., Richmond, Va.
Laing, Harrar & Chamberlin ("Giles"), 43 N 3rd, Phila., Pa.
National Shoe Plate Mfg. Co., Cleveland, O.
Riley-Klotz Mfg. Co., 17 Mulberry, Newark, N. J.
Root-Heath Mfg. Co. ("Universal" & "Lion"), Plymouth, O.
Sacks Louis, Inc. ("Star," "Boston"), Wilson av, Newark, N. J.
United Shoe Machinery Co., 205 Lincoln, Boston, Mass.

11098-9— Plates (Hinge)

Auer John Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.
Brainerd Mfg. Co., East Rochester, N. Y.
Corbin P. & F., New Britain, Conn.
Penn Hardware Co., Reading, Pa.
Yale & Towne Mfg. Co. (Corner & Center), 9 E 40th, New York

11100— Plates (Index)

Brown & Sharpe Mfg. Co., Providence, R.I.

11101— Plates (Joint)

Colorado Fuel & Iron Co., Denver, Col.
Reading Iron Co., Reading, Pa.

11102—Plates (Kick & Push)

Allith-Prouty Co. ("Prouty" Push), Danville, Ill.
Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.
Champion Hardware Co., Geneva, O.
Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
Columbus Brass Co., 538 Dublin av, Columbus, O. *See adv index at end of bok*
Colonial Fireplace Co. (Brass & Iron), 4631 W 12th, Chicago, Ill.
Corbin P. & F., New Britain, Conn.
DAHLSTROM METALLIC DOOR CO., 85 Blackstone av, Jamestown, N. Y.
See adv index at end of book
Enterprise Hardware Mfg. Co., Frederick, Md.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Griffin Mfg. Co., Erie, Pa.
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York.
Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill.
See adv index at end of book
Jackson Wm. H. Company, 2 W 47th, New York
Janusch Mfg. Co. (Brass or Bronze), 496 E 134th, New York
Kawner Mfg. Co., Niles, Mich.
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book

PLATES (KICK & PUSH)—continued

Newman Mfg. Co., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill. *See adv index at end of book*
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Painesville Metallic Binding Co. (Brass & Galv. Iron), Painesville, O.
Payson Mfg. Co. (Kick), 2918 W Jackson blvd, Chicago, Ill.
Penn Hardware Co., Reading, Pa.
Pittsburg Brass Mfg. Co. (Brass), Pittsburgh, Pa.
Reading Hardware Co. (Push), Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sager Lock Co. (Door), North Chicago, Ill.
Sargent & Co., New Haven, Conn.
Shelby Spring Hinge Co. (Steel, Solid Bronze & Brass), Shelby, O.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill. *See adv index at end of book*
Star Brass Works Co., Kansas City, Mo.
Stover Mfg. Co., Freeport, Ill.
Taylor & Boggis Foundry Co. (Push), Cleveland, O.
Turner Brass Works, Sycamore, Ill.
Twentieth Century Brass Works, 514 5th av S, Minneapolis, Minn.
Western Brass Mfg. Works (Brass or Bronze), Marshall blvd & W 21st, Chicago, Ill.
Yale & Towne Mfg. Co., 9 E 40th, New York

11103—Plates (Leather Embossing)

Fleissner Chas., 121 N. J. R. R. av, Newark, N. J.
Spence Degreasing Co., 26 Av L, Newark, N. J.

11104— Plates (Letter Drop)

Ajax Hardware Mfg. Co. ("Ajax"), 1100 Military rd, Buffalo, N. Y.
Corbin P. & F., New Britain, Conn.
Eagle Lock Co., Terryville, Conn.
Nicol & Co., 218 N Jefferson, Chicago, Ill.
Pacific Hardware Mfg. Co., Los Angeles, Cal.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Reading Saddle & Mfg. Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Yale & Towne Mfg. Co., 9 E 40th, New York

11105— Plates (License)

Dorman J. T. W. Co. (Dog & Wagon), 526 N Calvert, Baltimore, Md.
Niagara Falls Metal Stamping Works Niagara Falls, N. Y.

11106— Plates (Lock Deck)

Durkee Chas. D. & Co., 2 South, New York
Wilcox, Crittenden & Co. ("Hurlburt," "Hanson" Patterns), Middletown, Conn.

11107— Plates (Lock Nut)

Simmons John Co., 110 Centre, New York
Torsion Nut Lock & Washer Co. ("Torsion"), 141 Milk, Boston, Mass. *See adv index at end of book*

11108—Plates (Locomotive Hub)

Smith Locomotive Adjustable Hub Plate Co. ("Smith" Adjustable), Pittsburg, Kan.

11109—Plates (Manganese Steel)

Alloy Steel Forging Co., Carnegie, Pa.

11110— Plates (Match)

Andes E. B. & Co. (Aluminum), Lancaster, Pa.
Bayer Pattern Plate & Mfg. Co., Cleveland, O.
Goodale Co., Kalamazoo, Mich.
Jurack Chas., 201 Oregon, Milwaukee, Wis.
Middleditch Benjamin, Detroit, Mich.
Molthrup Steel Products Co., Beaver Falls, Pa.
Moser Pattern & Foundry Co. (Aluminum), Newark, O.
Owren Casting Co., Attleboro, Mass.
U. S. Match Plate Co., Holyoke, Mass.

11111— Plates (Mending)

Auer John Jr., (Wrought), 197 Middleton, Brooklyn, N. Y.
Aurora Door Hanger & Spec. Co., Aurora, Ill.
Brewer Bros. Co. (Wrought), 614 Filbert, Phila., Pa.
Griffin Mfg. Co., Erie, Pa.
Hager C. & Sons Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.
National Mfg. Co. (Wrought Steel), Sterling, Ill.
Richards-Wilcox Mfg. Co., Aurora, Ill.
STANLEY WORKS (Wrought Steel), New Britain, Conn. *See adv index at end of book*

11112—Plates (Number & Letter)

Eagle Lock Co., Terryville, Conn.
Grammes L. F. & Sons, Allentown, Pa. *See adv index at end of book*
Moise-Klinkner Co., 369 Market, San Francisco, Cal.

Plates (Paper)

See Dishes, Plates, etc, Paper

11113— Plates (Perch, Reach & Evener)

Harvey Spring & Forging Co., Racine, Wis.

11114— Plates (Pew)

Everett A. & Son, Auburn, N. Y.
Grammes L. F. & Sons, Allentown, Pa. *See adv index at end of book*
Knight H. W. & Son (Number), Seneca Falls, N. Y.
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.

11115— Plates (Piano)

Davenport John Co., Stamford, Conn.
Fairbanks Co., Springfield, O.
Kelly O. S. Co., Springfield, O.
Shriver T. & Co., Harrison, N. J.
Superior Foundry Co., Cleveland, O.
Wenzelman Mfg. Co., Galesburg, Ill.
Wickham Piano Plate Co., Springfield, Ohio

11116— Plates (Pie)

McAleer E. J. & Co., 1422 N 8th, Phila., Pa.
Morgan Spring Co., Worcester, Mass. *See adv index at end of book*
National Mfg. Co. ("Natwire," "Krisp-Krust" Wire), Worcester, Mass.
Richardson Mfg. Co. ("Perfection" Tin), Bath, N. Y.

11117— Plates (Pie, Wood)

Escanaba Mfg. Co., St. Louis, Mo.
Oval Wood Dish Co., Delta, O.

11118—Plates (Porcelain Push, Pull, Number, Etc.)

Union Porcelain Works, 300 Eckford, Brooklyn, N. Y.

11119-20— *Plates (Press)

DELAWARE HARD FIBRE CO. (Hard Fibre for Powder Mills, etc), Wilmington, Del. Works: Marshalton, Del. *See adv index at end of book*

11121— Plates (Pump)

Card S. W. Mfg. Co., Mansfield, Mass.

11122— Plates (Rail Joint)

Lackawanna Steel Co. ("Abbott"), Buffalo, N. Y.

11123— Plates (Rapping)

(For Foundry Use)

Benskin Mfg. Co., Canton, O.
Brodin Pattern & Supply Works, 2418 W 16th, Chicago, Ill.
Cleveland Galvanizing Works Co., 3024 Cooper av, Cleveland, O.
Diamond Clamp & Flask Co., Richmond, Ind.
Everett A. & Son, Auburn, N. Y.
Federal Malleable Co. ("Fraser"), West Allis, Wis.
Knight H. W. & Son ("Acme"), Seneca Falls, N. Y.
McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.
Oliver Machinery Co., Grand Rapids, Mich.
Shanafelt Mfg. Co., Canton, O.
Timmis & Clissold (Malleable Iron), Bound Brook, N. J.
Wellman Pattern Supply Co., Cleveland, Ohio.

11124— Plates (Screen)

Alloy Steel Forging Co., Carnegie, Pa.
American Manganese Steel Co ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
Fox River Screen Plate Co., Appleton, Wis.
Hardy Wm. A. & Sons Co. ("Hardy & Pinder"), Fitchburg, Mass.
Johnston & Chapman Co., 2925 Carroll av, Chicago, Ill.
Judson & Williams, Holyoke, Mass.
Neenah Brass Works, Neenah, Wis.
Rice-Barton & Fales Machine & Iron Co. ("Smith"), Worcester, Mass.
Rockingham Foundry & Screen Plate Co., Bellows Falls, Vt.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
Union Screen Plate Co., Fitchburg, Mass.

11125— Plates (Sheared)

Allegheny Steel Co. (Steel), Oliver bldg, Pittsburgh, Pa.
Carbon Steel Co. (Open Hearth Steel), ft 32d, Pittsburgh, Pa.
Carnegie Steel Co. (Open Hearth Steel), Carnegie bldg, Pittsburgh, Pa.
CENTRAL IRON & STEEL CO., Harrisburg, Pa.
Chrome Steel Works (Acid & Basic Open Hearth Steel), Chrome, N. J.
Clasgow Iron Co., Pottstown, Pa.
Horner W. S. & Co., Oliver bldg, Pittsburgh, Pa.
Illinois Steel Co. (Open Hearth Steel), 208 S La Salle, Chicago, Ill.
Jones & Laughlin Steel Co. (Steel), Ross, Pittsburgh, Pa.
La Belle Iron Works (Basic Open Hearth Steel), Steubenville, O.
Lackawanna Steel Co. (Bessemer & Open Hearth Steel), Buffalo, N. Y.
Larkin J. K. & Co. (Steel), 34 Reade, New York *See adv index at end of book*
Lukens Steel Co. (Open-Hearth Steel), Coatesville, Pa.
Midvale Steel & Ordnance Co., Widener bldg, Phila, Pa.
M'INNES CHARLES E. & CO., Mariner & Merchants bldg, Phila., Pa.
Tennessee Coal, Iron & Railroad Co. (Open-Hearth Steel), Birmingham, Ala.
YOUNGSTOWN SHEET & TUBE CO. (Bessemer & Open Hearth Steel), Youngstown, O.

11126—Plates (Sill, Carriage)

Bossert Corp, The (Door), Utica, N. Y. *See adv index at end of book*
Searls Mfg. Co., 29 Mulberry, Newark, N. J.

11127— Plates (Splice)

Bethlehem Steel Co., S. Bethlehem, Pa.
Reading Iron Co., Reading, Pa.

11128— Plates (Spring)

American Shovel & Stamping Co. (For Car Tracks), Lorain, O.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Union Spring & Mfg. Co. (Pressed Steel), New Kensington, Pa.
Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

11129— Plates (Stair)

Hungerford U. T. Brass & Copper Co. (Brass & Zinc), 80 Lafayette, New York
Painesville Metallic Binding Co., Painesville, Ohio
Zenite Metal Co., Indianapolis, Ind.

11129a— *Plates (Steel)

See also Iron & Steel Rolling Mills, Boiler & Tank Plate, also Steel Fire Box Plate

Latshaw Steel & Metal Products Corp., 220 B'way, New York
See adv index at end of book

11130—Plates (Steel Buckled)

Glasgow Iron Co. (For Bridges, Buildings, etc), Pottstown, Pa.

11131—Plates (Steel Etching)

Lippert E. T. Saw Co. (Used in Glass Houses for Decorating Glassware), Millvale, Pa.

11132— Plates (Strain)

Lanz M. & Sons (For Telegraph Poles), 2907 Carson, Pittsburgh, Pa.

11133— Plates (Suction Box)

Union Screen Plate Co. (Bronze), Fitchburg, Mass.

11134— Plates (Surface)

Brown & Sharpe Mfg. Co., Providence, R. I.
Hub Machine Welding & Contracting Co. **("Acme"), 22d & Race, Phila., Pa.**
Putnam Machine Co., Fitchburg, Mass.
Thurston Mfg. Co. (For Lapping Dies), 140 Benedict, Providence, R. I.

11135-6— Plates (Switch)

Altoona Iron Co. (Padded), Altoona, Pa.
Bethlehem Steel Co. ("Neverslip" Interlocking), S. Bethlehem, Pa.
Logan Iron & Steel Co., Morris bldg, Phila, Pa.

11137—Plates (Tie, Railroad)

Adreon Mfg. Co. **("Clark" Tenison Set, "Security"), Security bldg, St. Louis,** Mo.
Atlas Railway Supply Co., **431 S Dearborn,** Chicago, Ill.
Bethlehem Steel Co., S. Bethlehem, Pa.
Cambria Steel Co., Widener bldg, Phila., Pa.
Central Frog & Switch Co., Cincinnati, O.
Cleveland Railway Supply Co. ("Clary"), Cleveland, O.
Dilworth, Porter & Co. (Ltd.), ("Goldie" Rail Brace, "Gledon" Flange), 4th & **Bingham, Pittsburgh, Pa.**
Easton Car & Construction Co., 15 Center Square, Easton, Pa.
See adv index at end of book
Elyria Iron & Steel Co. **("Mc-Kee" Rolled Steel Flanged Shoulder), Cleveland, O.**
Illinois Steel Co. (Bessemer Steel), **208 S** La Salle, Chicago, Ill.
Inland Steel Co., First Nat'l Bk bldg, Chicago, Ill.
Interstate Iron & Stel Co., 1st Natl. Bank bldg, Chicago, Ill.
Lackawanna Steel Co., Buffalo, N. Y.
National Malleable Castings Co., 7706 Platt av S. E., Cleveland, O.
New Era Mfg. Co. (Rail Clamp & Rail Brace Combined), Kalamazoo, Mich.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Forge & Iron Co., Chamber of Commerce bldg, Pittsburgh, Pa.
Pratt & Letchworth Co., Buffalo, N. Y.
Railroad Supply Co. ("Wolhaupter" Shoulder Flange Flat Bottom Combination"), 203 S Dearborn, Chicago, Ill.
Reading Iron Co. (Iron), Reading, Pa.
Sellers Mfg. Co. **("Sellers" Anchor Bottom), 332 S Michigan av, Chicago, Ill.**
Spencer Otis Co. ("Economy" Screw Spike, etc.), 80 E Jackson blvd., Chicago, Ill.
Steel Car Forge Co. (Rail Brace), Pittsburgh, Pa.
Weir Frog Co., Cincinnati, O.
Western Railway Equipment Co. ("Hoerr," Fish Hook), Central Nati Bank bldg, St. Louis, Mo.
Wharton Wm. Jr. & Co., Easton, Pa.
Whitaker-Glessner Co. ("Economy"), Wheeling, W. Va.

11138—Plates (Tie, Reversible)

New Era Mfg. Co. (Anti-Tip & Anti-Creeper), Kalamazoo, Mich.

11139—*Plates (Tobin Bronze)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

11140— Plates (Turn)

Starr Bros. Bell Co. (Wrought Bronze), East Hampton, Conn.

11141— Plates (Universal)

Carbon Steel Co. (Open Hearth Steel), **ft. 32d, Pittsburgh, Pa.**
Carnegie Steel Co. (Open Hearth Steel), Carnegie bldg, Pittsburgh, Pa.
CENTRAL IRON & STEEL CO. (Steel Bridge & Structural), Harrisburg, Pa.
Glasgow Iron Co., Pottstown, Pa.
Illinois Steel Co. (Bessemer & Open Hearth Steel), 208 S La Salle, Chicago, Ill.
Inland Steel Co. (Open Hearth Steel), 1st Nat. Bank bldg, Chicago, Ill.
La Belle Iron Works (Basic Open Hearth Steel), Steubenville, O.
Lackawanna Steel Co. (Bessemer & Open Hearth Steel), Buffalo, N. Y.
Lukens Steel Co. (Open Hearth Steel Plates of All Kinds), Coatesville, Pa.
M'INNES CHARLES E. & CO., Mariner & Merchants bldg, Phila., Pa.
Midvale Steel & Ordnance Co. (Steel), Widener bldg, Phila., Pa.
United Alloy Steel Corp. (Basic Open Hearth Steel), Canton, O.
Youngstown Sheet & Tube Co. (Bessemer & Open Hearth Steel), Youngstown, O.

11142— Plates (Welding)

Blaw-Knox Co., Farmers Bank bldg, Pittsburgh, Pa.
Century Tool & Metal Co. **("Delmas"), 180** N Market, Chicago, Ill.
Chicago Metal Reduction Co. ("Delmar"), 20 W Jackson blvd, Chicago, Ill.
Phillips-Laffitte Co. ("Laffitte" Chemically Weld Iron & Steel), Penna. bldg, Phila., Pa.
Rowe Ring-Point Co. ("Ring Point"), Hartford, Conn.

11143—Plates (Wire Drawing)

Newman Andrew Co., 26 Cortland, New York
Standard Machinery Co. (Adjustable), Providence, R. I.

11144— Plates (Zinc)

American Zinc, Lead & Smelting Co., 120 B'way, New York
Ball Bros. Glass Mfg. Co. (Rolled Zinc), Muncie, Ind.
Edes Mfg. Co., Plymouth, Mass.
Matthiessen & Hegeler Zinc Co. (Rolled), La Salle, Ill.
New Jersey Zinc Co. (Rolled), 55 Wall, New York
Phillips Ezra & Sons (Pure Rolled, for Boilers), South Hanover, Mass.

11145—Plates & Screws (Leveling)

Wolf Co., Chambersburg, Pa.

11146—Platforms (Steel Car)

Commonwealth Steel Co., Pierce bldg, St. Louis, Mo.
Gould Coupler Co., 30 E 42d, New York
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
National Car Coupler Co., 332 S Michigan av, Chicago, Ill. Works: Attica, Ind.
Standard Coupler Co., 30 Church, New York; Works: Bridgeport, Conn.

11147— Plating Apparatus

Easton Polishing Supply Co., Easton, Pa.
Hanson & Van Winkle Co., 269 Oliver, Newark, N. J.
U. S. Electro Galvanizing Co. (Complete Plants), 280 Park av, Brooklyn, N. Y.

11148— Plating Works

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
American Nickel Works (Nickel), 555 W Monroe, Chicago, Ill.
American Nickeloid Co. (Zinc Sheets & Tin Plates), Peru, Ill.
American Tube & Stamping Co. (Nickel, Brass & Copper), Bridgeport, Conn.
Arcade Mfg. Co. (Nickel), Freeport, Ill.
Auto Plating & Mfg. Co., Cleveland, O.
Bastian Bros. Co. (Gold, Silver), Rochester, N. Y.
Biddle Gaumer Co. (Electro. Gold, Silver, Nickel, Copper, etc), 3846 Lancaster av, Phila., Pa.
Bliss E. C. Mfg. Co. (Nickel & Brass), 73 Page, Providence, R. I.
Bossert Corp., The, Utica, N. Y.
See adv index at end of book
Boston Brass Co. (Nickel), 135 Bacon, Waltham, Mass.
See adv index at end of book
Boston Nickel Plating Co. (Gold, Silver, Brass, Bronze, Black Nickel & Nickel), 160 Portland, Boston, Mass.
Carroll Bros., 185 Franklin, Boston, Mass.
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Chicago Hardware Foundry Co., 546 W Washington, N Chicago, Ill.
Cincinnati Mfg. Co. (All Kinds), Cincinnati, O. *See adv index at end of book*
Connecticut Web & Buckle Co. (Nickel), Bridgeport, Conn.
Daggett Galvanizing & Plating Co., Syracuse, N. Y.
Dayton Plating & Mfg. Co., Dayton, O.
Delaware Marine Mfg. Co. (Brass & Bronze), B. & O. R. R. & Conrd., Wilmington, Del.
Detlaff A. J. Co., Detroit, Mich.
Devlin Thos. Mfg. Co. (Electro Plating in Gold, Silver, Nickel, Brass & Bronze), 3d & Lehigh av, Phila., Pa.
Domestic Plating Works Co., 1121 Washington blvd, Chicago, Ill.
Drapery Hardware Mfg. Co., 87 35th, Brooklyn, N. Y.
Economy Gas Lamp Co. (Brass, Copper & Bronze), Kansas City, Mo.
Edstrand & Olson (Nickel, etc), 159 N Jefferson, Chicago, Ill.
Edwardsville Brass Co. (Nickel, Electro, etc), Edwardsville, Ill.
Empire Nickel Plating Works, Troy, N. Y.
Enterprise Brass & Plating Co., 6th & Baymiller, Cincinnati, O.
Erie Metal Products Co., Erie, Pa.
Excelsior Brass Works (Gold, Silver, Brass, Nickel, Copper & Oxidizing), Reading, Pa.
Excelsior Nickel Plating Works (Nickel, Brass & Copper), 40 Clifford, Providence, R. I.
Flavin W. H. & Co. (Nickel & Brass), 247 Centre, New York
Frank Sani-Cover Supply Co. (Silver & Nickel), Cambridge, Mass.
Frazer & Jones Co. (Nickel, Brass & Copper), Syracuse, N. Y.
Fries A. G. Plating Co. (Plating & Polishing), 200 Terrace, Buffalo, N. Y.
Fries & Co., 91 Main, Buffalo, N. Y.
Genesee Plating Works, Rochester, N. Y.
Giles & Nielsen Nickel Works (Nickel, Copper, Brass & Silver), Troy, N. Y.
Globe Machine & Stamping Co. (Nickel, Brass, Copper, Zinc, Silver, etc), 1250 W 76th, Cleveland, O.
Globe Nickel Plating Co. (Nickel), 15 Chardon, Boston, Mass.
Grammes L. F. & Sons (Nickel, Brass, Copper, etc), Allentown, Pa.
See adv index at end of book
Gray Iron Foundry Co. (All Kinds), Reading, Pa.
Harry Bros. Mfg. Co., 282 Woodbridge, E Detroit, Mich.
Hassall (John (Inc.), (Nickel, Brass, Copper, Silver, etc.), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Hopson & Chapin Mfg. Co., New London, Conn.
Howard Jas. L. & Co. (Brass, Bronze, Silver & Nickel), Hartford, Conn.

PLATING WORKS—continued

Imperial Brass Mfg. Co. (Gold, Nickel, Silver, etc), 524 S Racine av, Chicago, Ill. *See adv index at end of book*
Ingraham A. S. Co. (Nickel, Silver, etc), Attleboro, Mass.
Kalamazoo Plating Works (Copper, Brass & Nickel), Kalamazoo, Mich.
Kienzle Wm. F. (Gold, Silver, Oroide, Brass & Nickel), 4855 N Paulina, Chicago, Ill.
Kleeman L. F. Mfg. Co. (Nickel, etc), 1923 Central, Kansas City, Mo.
Konigslow E Stamping & Tool Works (Electro Nickel, Copper, Brass, Bronze), Cleveland, O.
Loeffelholz Co. (Silver & Nickel), Milwaukee, Wis.
Matthews H. A. Mfg. Co. (Nickel, Copper & Brass, Seymour, Conn.
Matthews Mfg. Co. (Brass, Copper & Nickel), 104 Gold, Worcester, Mass. *See adv index at end of book*
Miller J. Walter Co., Lancaster, Pa.
Mills Wm. J. (Gold, Silver & Nickel Plating), 25 Bainbridge, Brooklyn, N. Y.
Mohegan Tube Co. (Nickel, Brass & Copper), Scott av & Meserole, Brooklyn, N. Y. *See adv index at end of book*
National Cycle & Mfg. Co. (Plating & Polishing in All Metals), Bay City, Mich.
National Mfg. & Electro Plating Co. (All Metals), 16 Calender, Providence, R. I.
Nauffte Co. (Nickel, etc.), 127 Purchase, Boston, Mass.
Naugatuck Mfg. Co. (Copper Depositing), Naugatuck, Conn.
Nehls Barney, Detroit, Mich.
New Acme Plating Co. (Gold, Silver, Nickel, Brass & Copper), 59 Page, Providence, R. I.
Newfield Silver Mfg. Co. Inc. (Barrel, Gold, Silver, Copper & Brass), Bridgeport, Conn.
Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 N Washington, Chicago, Ill. *See adv index at end of book*
New York Nickel Plating & Mfg. Co. (Nickel, Brass, Bronze & Copper), 327 E 63d, New York
Nicol & Co., 218 N Jefferson, Chicago, Ill.
North & Judd Mfg. Co. (Gold, Silver, Brass, Copper & Nickel), New Britain, Conn.
North Star Spinning & Mfg. Co., St. Paul, Minn.
Norwich Nickel & Brass Co. (Nickel, Copper & Silver), Norwich, Conn.
Pfeiffers John Plating Works, Syracuse, N. Y.
Philadelphia Hardware & Malleable Iron Works, 9th & Jefferson, Phila., Pa.
Providence Electrotyping & Plating Works (Gold, Brass, Silver, Copper & Nickel), 78 Friendship, Providence, R. I.
Racine Malleable & Wrought Iron Co. (Nickel, etc.), Racine, Wis.
Reed & Prince Mfg. Co. (Nickel), Brass & Copper), Worcester, Mass.
Rockford Metal Specialty Co., Rockford, Ill.
Roesch Bros. Plating Works (Nickel, Brass & Copper), Belleville, Ill.
Schatz Mfg. Co. (Plating, Polishing, etc), Poughkeepsie, N. Y.
Seneca Brass & Plating Works, Utica, N. Y.
Sessions J. H. & Son (Brass, Nickel & Bronze Plating & Polishing), Bristol, Conn.
Sievering Philip (Nickel, Copper & Brass), 408 Broome, New York
Snow Wire Works Co., Rochester, N. Y.
Southern Brass Mfg. & Plating Co., Houston, Tex.
SPENCER'S I. S. SONS (Inc.), Nickel, Brass, etc), Guilford, Conn.
Standard Plating Works, York, Pa.
Star Nickel Plating Works, 232 N 5th, Phila., Pa.
Strater Herman & Sons (Gold, Silver & Nickel), 74 Sudbury, Boston, Mass.
Turner Brass Works, Sycamore, Ill.
Two Rivers Plating Works, Two Rivers, Wis.
Union Polishing & Plating Co., Rochester, N. Y.
U. S. Electro Lead Plating Co., 1930 W 77th, Cleveland, O.
Union Spinning & Plating Co., 67 Sudbury, Boston, Mass.
Weiskittel A. & Son Co. (Nickel Platers, Enamelers, etc), 12th & E Lombard, Baltimore, Md.
West Side Foundry Co. (Nickel), Troy, N. Y.
Wisconsin Foundry & Steel Works (Nickel & Copper), Cedar Grove, Wis.
WRIGHT WIRE CO. (All Kinds of Plating), Worcester, Mass. *See adv index at end of book*

11149—Platinoid (Non-Fusing)

Manhattan Dental Co., Times bldg, New York

11150 Platinum

American Platinum Works (Specialties), Oliver & N J R R av, Newark, N. J.
Austin John & Son (Refined), 74 Clifford, Providence, R. I.
Baker Geo. M. Co. (Refiners), 91 Page, Providence, R. I.
Baker & Co. (Special Shape), 54 Austin, Newark, N. J.
Bender Hy, 42 Walnut, Newark, N. J.
Bishop J. & Co. (Refiners & Melters, Wire, Plate, Tubes & Special Shapes), Malvern, Pa.
Commercial-Research Co. (Refiners), Jackson av & Honeywell, Long Island City, N. Y.
Goldsmith Bros. Smelting & Refining Co., Heyworth bldg, Chicago, Ill.
Guiterman, Rosenfeld & Co. (Imp.), 35 S William, New York
Niehoff Paul G. & Co., 350 N Clark, Chicago, Ill.
Platt Co. Charles S., 101 Park av, New York
Roessler & Hasslacher Chemical Co. (Jobbers), 100 William, New York
South American Gold & Platinum Co. (Miners & Imp.), 61 B'way, New York
Whipple & Campbell Co., 488 S Main, Providence, R. I.

11151— Platinum Chloride

Drakenfeld B. F. & Co. (Imp.), 50 Murray, New York

11152—Platinum Crucibles & Dishes

American Platinum Works, Oliver & N J R R av, Newark, N. J.
Bishop J. & Co., Malvern, Pa.

11153— Platinum Foil

American Platinum Works (Very Soft), Oliver & N J R R av, Newark, N. J.
Bender Henry, 42 Walnut, Newark, N. J.

11154— Platinum Gauze

American Platinum Works, Oliver & N J R R av, Newark, N. J.
Commercial-Research Co., Jackson av & Honeywell, Long Island City, N. Y.

11155— Platinum (Imitation)

Manhattan Dental Co. ("Platinoid"), Times bldg, New York

11156—Platinum-Iridium Balls

American Platinum Works, Oliver & N J R R av, Newark, N. J.
Bender Hy, 42 Walnut, Newark, N. J.
Commercial-Research Co., Jackson av & Honeywell, Long Island City, N. Y.

11157— Platinum Melting Outfits (Jewelers' & Refiners')

Jewelers' Technical Advice Co., 14 John, New York

11158—Platinum Sheet & Wire

American Platinum Works (Soft & Hard), Oliver & N J R R av, Newark, N. J.
Baker & Co. (Also Iridio Platinum), 54 Austin, Newark, N. J.
Bender Hy, 42 Walnut, Newark, N. J.
Bishop J. & Co., Malvern, Pa.
Commercial-Research Co., Jackson av & Honeywell, Long Island City, N. Y.

Platnide

See Platinum, Imitation

11159—Playground & Gymnasium Equipment

American Playground Device & Swing Co., Terre Haute, Ind.
Ashland Mfg. Co., Ashland, O.
Everwear Mfg. Co., Springfield, O.
Health Merry Go-Round Co., Quincy, Ill.
Hellenberg J. B. Co. (Indoor Wood Sporting Goods), Coldwater, Mich.
International Gymnasium Supply Co., Springfield, Mass.
Medart Fred Mfg. Co., De Kalb & Potomac, St. Louis, Mo. *See adv index at end of book*
Narragansett Machine Co. ("Standard"), Providence, R. I.
Safety First Supply Co. ("Diamond"), Hartje Office bldg, Pittsburgh, Pa.
Spalding A. G. & Bros., 126 Nassau, New York
Tothill W. S., 1815 Webster av, Chicago, Ill.

11160— Playing Card Mfrs.

Dougherty Andrew, 432 4th av, New York
New York Consolidated Card Co., 4th & Webster av, Long Island City, N. Y.
Russell Playing Card Co., Milltown, N. J.
Standard Playing Card Mfg. Co. ("Standard"), 345 W Austin av, Chicago, Ill.
U. S. Playing Card Co. ("Bicycle," "Congress"), Park av, Norwood, Cincinnati, O.

11161— Pliers (Belt)

Manufacturers' Belt Hook Co. ("L-X"), 1321 W Congress, Chicago, Ill.

11162— Pliers (Burner)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Danielson J. P. & Co., Jamestown, N. Y.

11162a— Pliers (Combination)

See also Pliers & Nippers

Herbrand Co., Fremont, O.
Mechanical Specialties Co. ("Pease"), 122 So Michigan av, Chicago, Ill.
Syracuse Twist Drill Co. ("Hero" & "Syracuse"), Borden av, Syracuse, N. Y.
Vlcheck Tool Co. ("Vlcheck"), 10711 Quincy av, Cleveland, O.

11163— Pliers (Expansion)

STARRETT L. S. CO. (THE) ("Starrett" Drop Forged), Athol, Mass. *See adv index at end of book*

11164— Pliers (Fencing)

Bonner Tool Co. ("Victor" Drop Forged), Champaign, Ill.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Crescent Tool Co., 200 Harirson, Jamestown, N. Y.
Cronk & Carrier Mfg. Co. ("Cronk's" Staple Puller), 150 Lake, Elmira, N. Y. *See adv index at end of book*
Irvington Mfg. Co., Irvington, N. J.
Kilborn & Bishop Co. ("K. & B."), New Haven, Conn.
McKaig Drop Forge Co., Buffalo, N. Y.
PECK, STOW & WILCOX CO. (Pexto), Southington, Conn. *See adv index at end of book*
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
SMITH & HEMENWAY CO. INC. ("Red Devil," Drop Forged), 261 B'way, New York, 130 Coit, Irvington, N. J. *See adv index at end of book*
Utica Drop Forge & Tool Co., Utica, N. Y.
Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.

11165— Pliers (Gas)

Barcalo Mfg. Co. (Combination), Buffalo, N. Y.
Barnett Oscar Foundry Co. ("Barnett"), Irvington, N. J.
Bonner Tool Co. ("Victor," Drop Forged), Champaign, Ill.
Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Cincinnati Tool Co., Norwood, Cincinnati, O. *See adv index at end of book*

Clark A. N. & Son, Plainville, Conn.
Crescent Tool Co. ("Simplex," "Cee Tee Co," "Crescent," "Motor Kit" Universal & Thin Bent Nose, Combination Drop Forged Gas, Pliers, Wire Cutter, Wrench & Screw Driver), 200 Harrison, Jamestown, N. Y.
Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y. *See adv index at end of book*
Danielson J. P. & Co., Jamestown, N. Y.
Erie Tool Works (Combination), Erie, Pa.
Gray Iron Foundry Co., Reading, Pa.
Grey Iron Casting Co., Mt. Joy, Pa.
Herbrand Co., Fremont, O.
Irving Mfg. & Tool Co., 157 Chambers, New York
Kreauter & Co., 583 18th av, Newark, N. J.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
McKaig Drop Forge Co., Buffalo, N. Y.
Osborne C. S. & Co., Harrison, N. J.
PECK, STOW & WILCOX CO. (Pexto), Southington, Conn.
See adv index at end of book
Reading Saddle & Mfg. Co. ("Reading" Household), Reading, Pa.
Rocky Hill Hardware Co., Rocky Hill, Conn.
Rubber Insulated Metals Corp. (Insulated), Plainfield, N. J.
Schollhorn Wm. Co., New Haven, Conn.
Smith & Egge Mfg. Co. ("S. & E. M. Co."), Bridgeport, Conn.
SMITH & HEMENWAY CO. INC. ("Red Devil," Drop Forged), 261 B'way, New York, 130 Coit, Irvington, N. J.
See adv index at end of book
Standard Shoe Machinery Co., Lawrence, Mass.
Syracuse Twist Drill Co. ("Hero" & "Syracuse"), Borden av, Syracuse, N. Y.
Utica Drop Forge & Tool Co., Utica, N. Y.
U. S. Lock & Hardware Co., Columbia, Pa.
Vaughan & Bushnell Mfg. Co. ("V. & B." Center), 2114 Carroll av, Chicago, Ill.
Walworth Mfg. Co., 798 1st, Boston, Mass.
Washington Tool Co., Owatonna, Minn.
Williams A. C. Co., Ravenna, O.

11166—Pliers (Glass Cutters')

Kraeuter & Co., 583 18th av, Newark, N. J.
Peck, Stow & Wilcox Co., Southington, Conn.
SMITH & HEMENWAY CO. INC., 261 B'way, New York, 130 Coit, Irvington, N. J. *See adv index at end of book*
Stortz Jno & Son, 210 Vine, Phila., Pa.

11167—Pliers (Lead Pipe Expanding)

Anderson Wrench Co., Portland, Conn.
Yonts C. H. & Co., Meadville, Pa.

11168— Pliers (Lineman's)

Bonner Tool Co. ("Victor"), Champaign, Ill.
Cincinnati Tool Co. ("Hargraves"), Norwood, Cincinnati, O.
See adv index at end of book
Columbus Handle & Tool Co., Columbus, Ind.
Crescent Tool Co. ("Crescent" Drop Forged), 200 Harrison, Jamestown, N. Y.
Cronk & Carrier Mfg. Co. (Insulated & Non-Insulated), 150 Lake, Elmira, N. Y. *See adv index at end of book*
Dicke Tool Co., Downers Grove, Ill.
Irving Mfg. & Tool Co., 157 Chambers, New York
Irvington Mfg. Co., Irvington, N. J.
Kilborn & Bishop Co., New Haven, Conn.
Klein Mathias & Sons, 562 W Van Buren, Chicago, Ill.
McKaig Drop Forge Co., Buffalo, N. Y.
Osborne C. S. & Co., Harrison, N. J.
PECK, STOWE & WILCOX CO. (Mica Handle "Pexto"), Southington, Conn.
See adv index at end of book
Ransom-Leach Co., 115 B'way, New York
Robinson M. W. Co. ("Klein" Pattern), 203 37th, Brooklyn, N. Y.
Schollhorn Wm. Co. ("Bernard's"), New Haven, Conn.
SMITH & HEMENWAY CO. INC. ("Red Devil," Drop Forged), 261 B'way, New York, 130 Coit, Irvington, N. J.
See adv index at end of book
Utica Drop Forge & Tool Co., Utica, N. Y.

11169-70—Pliers (Piano Makers')

Kraeuter & Co., 583 18th av, Newark, N. J.

Pliers (Pressed Steel)

See Pliers & Nippers

11171—Pliers (Wire Skinning)

Klein Mathias & Sons ("Goodridge"), 562 W Van Buren, Chicago, Ill.

11172— Pliers & Nippers

See also Clinchers; also Pliers, Gas

Athol Machine Co. (Combination Pliers, etc), Athol, Mass.
Barcalo Mfg. Co. (Adjustable Combination Pliers), Buffalo, N. Y.
Barnett Oscar Foundry Co. (Combination Pliers, etc), Irvington, N. J.
Bergman Tool Manufacturing Co. (Pliers Only, Combination), Buffalo, N. Y.
Bernz Otto (Cutting, Combination, etc), 17-37 Ashland, Newark, N. J.
Billings & Spencer Co. ("B. & S." Cutting Combination, Gas, etc), Hartford, Conn.
Bonner Drop Forge Co. ("Victor" Combination & Wire Plier & Cutter), 332 S Michigan av, Chicago, Ill.
Bonney Vise & Tool Works (Combination Pliers), Allentown, Pa.
See adv index at end of book
Bridgeport Hardware Mfg. Corp. ("No. 118 Universal," Side Cutting Pliers, "132 End Cutting Nippers"), Bridgeport, Conn.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Champion Hdwe. Co., Geneva, Ohio
Cincinnati Tool Co. (Combination Pliers, etc), Norwood, Cincinnati, O.
See adv index at end of book
Crescent Tool Co. ("Crescent," "Simplex" Drop Forged Combination Gas Pliers, Wire Cutter & Screw Driver Combined), 200 Harrison, Jamestown, N. Y.
Cronk & Carrier Mfg. Co. (Combination Pliers), 150 Lake, Elmira, N. Y.
See adv index at end of book

No. 294 Cronk Slip Joint Plier

The Cronk & Carrier Mfg. Co.
150 Lake Street **Elmira, N. Y.**

Danielson J. P. & Co. (Side Cutting Combination Pliers Only), Jamestown, N. Y.
Dicke Tool Co. (Combination, Wireman's, etc), Downers Grove, Ill.
Dudley Tool Co., Menominee, Mich.
Erie Tool Co., Erie, Pa.
Goodell-Pratt Co. (Combination Pliers), Greenfield, Mass.
Grey Iron Casting Co. (Auto & Gas Pliers & Wire Nippers, etc), Mt. Joy, Pa.
Herbrand Co. (Combination Pliers, Wire Cutter & Screw Drivers), Fremont, O.
Higganum Hdw. Co. ("Acme"), Higganum, Conn.
Hjorth Wm. & Co. (Also Pocket Pliers, "Hjorth" Bent Nose Pliers and Combination Pliers), Jamestown, N. Y.
Irving Mfg. & Tool Co. ("Button's" Combination Pliers), 157 Chambers, New York
Irvington Mfg. Co. ("Irvington" & "Red Devil"), Irvington, N. J.
Kilborn & Bishop Co. (Forged Combination & Gas Pliers), New Haven, Conn.
Klein Mathias & Sons, Chicago, Ill.
Kraeuter & Co. (Combination), 583 18th av, Newark, N. J.
McKaig Drop Forge Co. (Combination Line Cutter), Buffalo, N. Y.
McKaig Hatch, Inc., 1590 Niagara, Buffalo, N. Y.
Mathias Hart Co., 516 Atlantic av, Boston, Mass.
Mechanical Specialties Co. (Combination Pliers & Cutting Nippers), 122 So Michigan av, Chicago, Ill.
Montgomery & Co., 105 Fulton, New York
Mossberg Frank Co. ("Diamond," "Sterling" Slip Joint Pliers), Attleboro, Mass.
Osborne C. S. & Co. (Gas, Saddlers', etc), Harrison, N. J.
Oswego Tool Co. (Pease Combination Pliers, etc), Oswego, N. Y.
PECK, STOW & WILCOX CO. (Round & Flat Nose, "Pexto," etc.), Southington, Conn.
See adv index at end of book
Penn Inc., A. C., 100 Lafayette, New York
Porter H. K., Union Bk. bldg, Everett, Mass.
Robinson M. W. Co. ("Klein" Pattern), 203 37th, Brooklyn, N. Y.
Rubber Insulated Metal Corp., Plainfield, N. J.
S. & I. Co. ("Never Break," Nickel or Black Finish Pliers), Springfield, Mass.
Sayre L. A. Co. ("Hercules," "Champion" Fence Pliers), 332 Mulberry, Newark, N. J.
Schollhorn Wm. Co. ("Bernard's," "Paragon," Pliers & Nippers Combined), New Haven, Conn.
Schuckhardt & Schutte, ("Lindstrom" S. & S.), 90 West, New York
Smith H. D. & Co. ("Enchased Joint," Slotcutting Pliers), Plantsville, Conn.
Smith Otis A. (Side Cutting), Rockfall, Conn.
SMITH & HEMENWAY CO., INC. ("Red Devil," Drop Forged), 261 B'way, New York, 130 Coit, Irvington, N. J.
See adv index at end of book

"Red Devil" Pliers

comprise a complete line for Linemen, Electricians and all mechanics. Made of highest grade drop-forged steel and unconditionally guaranteed.

Smith & Hemenway Co., Inc.
Dept H.
N. Y. Sales and Export Office:
261 Broadway, New York City
Main Office and Factory:
130 Coit Street, Irvington, N. J.

Manufacturers of "Red Devil" Glass Cutters, Bits, Hack Saws, Snips, Screwdrivers, etc.

Standard Shoe Machinery Co., Lawrence, Mass.
Syracuse Twist Drill Co. ("Hero" & "Syracuse" Combination), Borden av, Syracuse, N. Y.
Thomson Drop Forge Co. (Combination Pliers, etc), Plantsville, Conn.
U. S. Lock & Hardware Co. (Adjustable), Columbia, Pa.
Utica Drop Forge & Tool Co. (Cutting, etc), Utica, N. Y.
Vom Cleff Co., 105 Duane, New York
Vlchek Tool Co. ("Vlchek"), 10711 Quincy av, Cleveland, O.
Walworth Mfg. Co. (Gas, etc), Boston, Mass.
Williams A. C. Co., Ravenna, O.
Wrightsville Hardware Co. (Gas & Nose Pliers), Wrightsville, Pa.

11173— Plow Beams (Steel)

Buffalo Steel Co. (Bessemer), Tonawanda, N. Y.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Empire Plow Co., Cleveland, O.
Harriman Mfg. Co., Harriman, Tenn.
Illinois Steel Co., 208 S La Salle, Chicago, Ill.
Interstate Iron & Steel Co., 1st Natl Bank bldg, Chicago, Ill.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, O.
Shunk Plow Co., Bucyrus, O.

11174—Plow Beams (Wood)

Galloway Kennedy Co., Clarendon, Ark.
Peckinpaugh, Harrison & Co., Alton, Ind.

11175— Plow Coulters

Avery B. F. & Sons ("Moon" Knife & Rolling), Louisville, Ky.
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Brinly Hardy Co. (Rolling), Louisville, Ky.
Cambria Steel Co., Widener bldg, Phila., Pa.
Case J. I. Plow Works, Racine, Wis.
Clayton John Plow Co. ("Universal"), Minneapolis, Minn.
Collins Plow Co., Quincy, Ill.
Empire Plow Co., Cleveland, O.
Fort Madison Plow Co., Fort Madison, Ia.
Gale Mfg. Co. ("Gale"), Albion, Mich.
Galesburg Coulter Disc Co. ("Sandoval," "Gaylord"), Galesburg, Ill.
Hartman Mfg. Co. ("Acme" Jr., "Acme Improved" & Sr.), Vincennes, Ind.
Hench & Dromgold Co., York, Pa.
Herschel R. Mfg. Co., Peoria, Ill.
La Crosse Plow Co. ("La Crosse," "Jointer"), La Crosse, Wis.
Mason F. C. & Co., St. Johns, Mich.
Moline Plow Co. ("New Universal" Roller), Moline, Ill.
Moore C. H., Toledo, O.
Noll Bros., 849 Allis, Milwaukee, Wis.
Ohio Cultivator Co. ("Bissell," "Ohio"), Bellevue, O.
Oliver Chilled Plow Works, South Bend, Ind.
Owensboro Shovel & Tool Co., Owensboro, Ky.
Racine-Sattley Co. ("Sattley"), Springfield, Ill.
Rock Island Plow Co. ("Universal," "Rock Island"), Rock Island, Ill.
South Bend Chilled Plow Co., South Bend, Ind.
Sparta Plow Works ("Crothers," "Adjustable"), Sparta, Ill.
Star Coulter Co. ("Star"), Canton, O.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Thompson J. Plow Works, Beloit, Wis.
Weyburn Co. ("Ideal" Rolling), Rockford, Ill.
Willis Mfg. Co., Mendota, Ill.

11176— Plow Jointers

Noll Bros., 849 Allis, Milwaukee, Wis.
Oliver Chilled Plow Works, South Bend, Ind.

11177— Plow Mfrs.

Adams S. & Son, Rome, N. Y.
Allen Chas. G. Co., Barre, Mass.
American Road Machinery Co., Kennett Sq., Pa.
Ames Plow Co., Quincy Hall, Boston, Mass.
Arnold's G. W. Son, Ionia, Mich.
Aughe Plow Co., Dayton, O.
Avery B. F. & Sons (Chilled Steel), Louisville, Ky.
Babcock Mfg. Co., Leonardsville, N. Y.
Bailey E. M. & Son, Leraysville, Pa.
Barnes Mfg. Co., Lanesburg, Pa.
Becholt Geo. E., Urbana, O.
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Billups C. Son & Co. "Champion," "Climax," "New Era"), Norfolk, Va.
Blount Plow Works, Evansville, Ind.
Bono Plow Co., Bono, Ark.
Bostick Stove Co., Lapeer, Mich.
Bradley P. & Sons, Harrisonburg, Va.
Brillion Iron Works, Brillion, Wis.
Brinly Hardy Co. (Hand Welded Steel Point), Louisville, Ky.
Bronson Wm. & Hy. ("Roxbury," "Southbury" Walking), Roxbury, Conn.
Brown-Manly Plow Co., Malta, O.
Brown Mfg. Co., Zanesville, O.
Bryan Plow Co., Bryan, O.
Bucher & Gibbs Plow Co. ("Imperial" Chilled Steel Combination), Canton, O.
Burch Plow Works Co. (Wood Beam Steel Road), Crestline, O.
Call-Watt Co. ("Watt"), Richmond, Va.
Case J. I. Plow Works, Racine, Wis.
Caward R. S., Cresco, Iowa
Chattanooga Implement & Mfg. Co., Chattanooga, Tenn.
Chattanooga Plow Co. ("Chattanooga" Chilled), Chattanooga, Tenn.
Clore Wm. H. Mfg. Co. ("Star"), Washington, Ind.
Collins Co. (Gang & Wheel Walking), Collinsville, Conn.
Collins Plow Co. (Walking or Riding), Quincy, Ill.
Columbia Plow Works (Chilled), Copake Falls, N. Y.
Cutaway Harrow Co., Higganum, Conn.
Dakota Plow & Wagon Co., Sioux Falls, S. D.
Deere & Co., Moline, Ill.
Disc Grader & Plow Co., Andrus bldg, Minneapolis, Minn.
Donaldson Bros. (Steel & Wood Rim), Mount Clemens, Mich.
Dutton E. Q. & Co. (Walking), Cato, N. Y.
Eddy W Plow Co, Greenwich, N Y.
Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.
Empire Plow Co. (Middleburster & Panter Bottom), Cleveland, O.
Evans B. A., Hammond, N. Y.
Fair Geo. & Son, Blaine, Mich.
Fairfield Plow Works, North Fairfield, O.
Farquhar A. B. Co. (Ltd.), (Chilled), York, Pa.
Fonda F. A., East Galway, N. Y.
Fort Madison Plow Co., Fort Madison, Ia.
Fresno Agricultural Works, Fresno, Cal.
Gale Mfg. Co. (3-Wheel Sulky, 3-Wheel Gang, Riding, & One, Two & Three-Horse Walking), Albion, Mich.
Gantt Mfg. Co., Macon, Ga.
Glasow Fred, Fond Du Lac, Wis.
Godfrey H. M. (Walking), Jonesburg, Mo.
Good Roads Machinery Co., Fort Wayne, Ind.
Gowanda Agricultural Works (Steel), Gowanda, N. Y.
Grand Detour Plow Co. (Listing), Dixon, Ill.
Greenville Implement Co., Greenville, Mich.
Hall Jas. H. Plow Co., Maysville, Ky.
Hamachek Frank, Kewaunee, Wis.
Hamburg Plow Works, Hamburg, Pa.
Hapgood Plow Co., Alton, Ill.
Harriman Mfg. Co., Harriman, Tenn.
Hartig W. F. Plow Co., Evansvile, Ind.
Hunter Chas. E., Farmers' Friend Plow Works, Fredericksburg, Va.
Hussey Plow Co., N. Berwick, Me.
Janesville Machine Co., Janesville, Wis.
Kaster P. M., Rimersburg, Pa.
Kelly G. A. Plow Co., Longview, Tex.
Kennehan P. E. Brasher, Fonda, N. Y.
Kerns T. A., Sutherlin, Va.
Keystone Machine Co., York, Pa.
La Crosse Plow Co., La Crosse, Wis.
Leader Plow Co., Staunton, Va.
Lehr Agricultural Co., Fremont, O.
Leroy Plow Co., Leroy, N. Y.
Logan Foundry & Machine Co., Logan, O.
Lynchburg Foundry Co. (Chilled Walking), Lynchburg, Va.
Lyon Iron Works, Greene, N. Y.
McDonnell Foundry & Machine Co., Jackson, Mich.
Madison Plow Co., Madison, Wis.
May Wm. H. & Son, Alexandria, Va.
Moline Plow Co., Moline, Ill.
Monmouth Plow Factory, Monmouth, Ill.
Moore Plow & Implement Co. (Walking), Greenville, Mich.
Munnsville Plow Co., Munnsville, N. Y.
Murkland John W. Co., Barton, Vt.
Ohio Cultivator Co., Bellevue, O.
Oliver Chilled Plow Works (Chilled & Steel), South Bend, Ind.
Painter & Frankland, Albion, Ill.
Parlin & Orendorff Co. ("P. & O. Canton"), Canton, O.
Pattee Plow Co., Monmouth, Ill.
Peek's S. H. Sons (Steel), East Aurora, N. Y.
Peppler Thos. Son & Co. ("Riggs" Improved), Hightstown, N. J.
Perfection Chilled Plow Co., South Bend, Ind.
Peru Plow & Wheel Co., Peru, Ill.
Racine-Sattley Co., Springfield, Ill.
Ripson Wm. & Son, Youngstown, N. Y.
Rockford Mfg. Co., Rockford, Ill.
Rock Island Plow Co. (Chilled & Steel), Rock Island, Ill.
Rowell I. B. Co. (Riding or Walking), Waukesha, Wis.
Rubottom Plow Factory, Felton, Cal.
Sanders, Newell Plow Co., Chattanooga, Tenn.
Sargent, Osgood & Roundy Co., Randolph, Vt.
Shaw H. C. Co., Stockton, Cal.
Shunk Plow Co., Bucyrus, O.
Smalley Mfg. Co., Manitowoc, Wis.
Smith & Sons Mfg. Co., Kansas City, Mo.
South Bend Chilled Plow Co. (Chilled), South Bend, Ind.
Southern Plow Co., Columbus, Ga.
Southern Plow Co., Dallas, Tex.
Spalding-Robbins Disc Plow Co., 625 **Market, San Francisco, Cal.**
Sparta Plow Works, Sparta, Ill.
Spinner Ed. F., Ava, Ill.
Starke's Dixie Plow Works, Richmond, Va.
Stoughton Wagon Co., Stoughton, Wis.
Stroker Fritz C. & Son, Olney Mo.
Stroud & Co., Omaha, Neb.
Swanson Plow Co., Muskogee, Okla.
Sturgis W. B. & Sons, Shelbyville, Ill.
Swanson-St. Joseph Plow Co., St. Joseph, **Mo.**
Swinton & Co., Port Jervis, N. Y.
Syracuse Chilled Plow Co. (Chilled), Syracuse, N. Y.
Texas Disc Plow Co., Dallas, Tex.
Thornburgh Mfg. Co., Bowling Green, O.
Towers & Sullivan Mfg. Co., Rome, Ga.
Vulcan Plow Co. (Chilled & Steel), Evansville, Ind.
Watt Plow Co., Richmond, Va.
Wayne Agricultural Works, Goldsboro, N. C.
Western Wheeled Scraper Co., Aurora, Ill.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.
White's S. R. Sons, Norfolk, Va.
Wiard Plow Co. (Chilled & Steel) Batavia, N. Y.
Wilder-Strong Implement Co, Monroe, Mich.
YUBA MFG. CO., Marysville, Cal., & 433 California, San Francisco, Cal.

11177a— Plow Stocks

Atlanta Plow Co., Atlanta, Ga.
Avery B. F. & Sons, Louisville, Ky.
Brinly-Hardy Co., Louisville, Ky.
Brown-Manly Plow Co., Malta, O.
Brown Mfg. Co., Zanesville, O.
Case J. I. Plow Works, Racine, Wis.
Emerson-Brantingham Co., Rockford, Ill.
Empire Plow Co., Cleveland, O.
Farquhar A. B. Co. (Ltd.), York, Pa.
Gantt Mfg. Co., Macon, Ga.
Harriman Mfg. Co., Harriman, Tenn.
Kelly G. A. Plow Co. (Wood & Steel), Longview, Tex.
Ohio Cultivator Co., Bellevue, O.
Parlin & Orendorff Co., Canton, Ill.
Rock Island Plow Co., Rock Island, Ill.
South Bend Chilled Plow Co., South Bend, Ind.
Southern Plow Co., Columbus, Ga.
Swanson Plow Co., Muskogee, Okla.
Towers & Sullivan Mfg. Co., Rome, Ga.
White's, S. R. Sons ("Georgia Ratchet," "Bent Foot"), Norfolk, Va.

11178— Plows (Asparagus)

Wyckoff Bros., Hightstown, N. J.

11179—Plows (Auto or Motor)

Boenker H. H. Motor Plow Co., St. Charles, Mo.
Denning Tractor Co., Cedar Rapids, Ia.
Hackney Mfg. Co., St. Paul, Minn.

Plows (Ballast)

See Ballast Loaders & Unloaders

11180— Plows (Beet)

Parlin & Orendorff Co. ("P. & O."), Canton, Ill.
Oliver Chilled Plow Works, South Bend, Ind.

11181— Plows (Breaking)

American Road Machinery Co., Kennett Square, Pa.
Avery B. F. & Sons, Louisville, Ky.
Brinly Hardy Co., Louisville, Ky.
Brown-Manly Plow Co., Malta, O.
Burch Plow Works Co., Crestline, O.
Case J. I. Plow Works, Racine, Wis.
Chattanooga Plow Co., Chattanooga, Tenn.
Deere & Co., Moline, Ill.
Emerson-Brantingham Co. ("Emerson," "Reeves"), Rockford, Ill.
Fort Madison Plow Co., Fort Madison, Ia.
Gale Mfg. Co., Albion, Mich.
Grand Detour Plow Co., Dixon, Ill.
Hapgood Plow Co., Alton, Ill.
Hench & Dromgold Co., York, Pa.
La Crosse Plow Co., La Crosse, Wis.
Lee Bros., Watertown, S. Dak.
Lehr Agricultural Co., Fremont, O.
McKim Foundry & Machine Co., Lockport, N. Y.
Madison Plow Co., Madison, Wis.
Messinger Mfg. Co., Tatamy, Pa.
Moline Plow Co. ("Moline," "Scotch Clipper"), Moline, Ill.

Oliver Chilled Plow Works, South Bend, Ind.
Parlin & Orendorff Co. ("Canton" for Tractor), Canton, Ill.
Peru Plow & Wheel Co., Peru, Ill.
Racine-Sattley Co. ("Sattley"), Springfield, Ill.
Rock Island Plow Co., Rock Island, Ill.
Schuerenberg F. W. (Also Wagons), Brenham, Tex.
Shunk Plow Co. (Steel, Street, etc), Bucyrus, O.
South Bend Chilled Plow Co., South Bend, Ind.
Southern Plow Co. (Steel), Columbus, Ga.
Sparta Plow Works, Sparta, Ill.
Swanson-St. Joseph Plow Co., St. Joseph, Mo.
Vulcan Plow Co., Evansville, Ind.
White's S. R. Sons ("Dipper," "Atlas," "D-Arrow," "White's Chilled" Grub), Norfolk, Va.

11182— Plows (Clay)

Fernholtz Brick Machinery Co., Boyle & Vandeventer av, St. Louis, Mo.
Stroud & Co., Omaha, Neb.

11183— Plows (Contractors')

Acme Road Machinery Co., Frankfort, N. Y.
American Road Machinery Co., Kennett Square, Pa.
American Steel Scraper Co. ("American" Steel Road), Sidney, O.
Ames Plow Co., Quincy Hall, Boston, Mass.
Austin Mfg. Co., 910 S Michigan, Chicago, Ill.
Avery B. F. & Sons, Louisville Ky.
Baker Mfg. Co., Springfield, Ill.
Blount Plow Works (Railroad), Evansville, Ind.
Brinly Hardy Co., Louisville, Ky.
Bucher & Gibbs Plow Co., Canton, O.
Buffalo Hoist & Derrick Co., 131 Erie, Buffalo, N. Y.
See adv index at end of book
Case J. I. Plow Works, Racine, Wis.
Chattanooga Plow Co., Chattanooga, Tenn.
Collins Plow Co. ("Boss," "Giant," "District," 2 to 12 Horses), Quincy, Ill.
Deere & Co., Moline, Ill.
Dobbie Foundry & Machine Co. Main Office & Works: Niagara Falls, N. Y.
Emerson-Brantingham Co. ("Emerson" Road), Rockford, Ill.
Fort Madison Plow Co., Fort Madison, Ia.
Fresno Agricultural Works, Fresno, Cal.
Good Roads Machinery Co., Kennett Square, Pa.
Gowanda Agricultural Works (Grading), Gowanda, N. Y.
Jeschke Mfg. Co. ("Cyclone Jr."), Bellevue, O.
Kilbourne & Jacobs Mfg. Co., Columbus, Ohio
Le Roy Plow Co., Le Roy, N. Y.
McKim Foundry & Machine Co., Lockport, N. Y.
Moline Plow Co., Moline, Ill.
Munnsville Plow Co. ("Hercules"), Munnsville, N. Y.
Oliver Chilled Plow Works, South Bend, Ind.
Parlin & Orendorff Co. ("P. & O." Road), Canton, Ill.
Phoenix Mfg. Co., Eau Claire, Wis.
Rock Island Plow Co., Rock Island, Ill.
Russell Grader Mfg. Co. (Road), 2005 Univ. av, S E, Minneapolis, Minn.
Shunk Plow Co., Bucyrus, O.
Sidney Steel Scraper Co. ("Sidney" All Steel Rooter), Sidney, O.
Slussey-McLean Scraper Co. ("Early Bird"), Sidney, O.
Smith & Sons Mfg. Co., Kansas City, Mo.
South Bend Chilled Plow Co., South Bend, Ind.
Stroud & Co. ("Stroud"), Omaha, Neb.
Swanson-St. Joseph Plow Co., St. Joseph, Mo.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Thompson J. Plow Works, Beloit, Wis.
Vulcan Plow Co. (Road), Evansville, Ind.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.
Wiard Plow Co., Batavia, N. Y.
Woodhouse J. S. Co., 191 Water, New York

11184— Plows (Corn)

De Shay D. H. (Arch Top Double), Elysburg, Pa.
La Crosse Plow Co., La Crosse, Wis.
Lean Roderick Mfg. Co. ("Roderick Lean" Riding & Walking), Mansfield, Ohio
Oliver Chilled Plow Works, South Bend, Ind.
Rock Island Plow Co., Rock Island, Ill.

11185— Plows (Cotton)

Billups C Son & Co. ("Climax"), Norfolk, Va.
White's S. R. Sons (Inc.) ("Carolina," "Stonewall"), Norfolk, Va.

11186—Plows (Disc or Rotary)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Avery B. F. & Sons, Louisville, Ky.
Chattanooga Implement & Mfg. Co., Chattanooga, Tenn.
Chattanooga Plow Co., Chattanooga, Tenn.
Cutaway Harrow Co. (Disc Sulky), Higganum, Conn.
Deere John Plow Works, Moline, Ill.
Disc Grader & Plow Co., Andrus bldg, Minneapolis, Minn.
Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.
Farquhar A. B. Co. (Ltd.), York, Pa.
Grand Detour Plow Co., Dixon, Ill.
La Crosse Plow Co., La Crosse, Wis.
Moline Plow Co. (Rotary), Moline, Ill.
Oliver Chilled Plow Works, South Bend, Ind.
Parlin & Orendorff Co. ("P. & O."), Canton, Ill.
Racine-Sattley Co. ("Sattley." "Hancock Jr."), Springfield, Ill.
Rock Island Plow Co., Rock Island, Ill.
Sanders Newell Plow Co. ("Sanders"), Chattanooga, Tenn.
South Bend Chilled Plow Co., South Bend, Ind.
Spalding-Robbins Disc Plow Co., 625 Market, San Francisco, Cal.
Stroud & Co. (For Elevating Graders), Omaha, Neb.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Texas Disc Plow Co., Dallas, Tex.

Plows (Ditching)

See Plows, Contractors'

11187— Plows (Gang)

Avery B. F. & Sons, Louisville, Ky.
Avery Co. ("Avery"), Peoria, Ill.
Bucher & Gibbs Plow Co., Canton, O.
Case J. I. Plow Works, Racine, Wis.
Collins Co., Collinsville, Conn.
Collins Plow Co., Quincy, Ill.
Cutaway Harrow Co. (Disc), Higganum, Conn.
Dakota Plow & Wagon Co., Sioux Falls, S. D.
Deere & Co. (Disc), Moline, Ill.
Emerson-Brantingham Co. ("Emerson" Orchard & Vineyard), Rockford, Ill.
Farquhar A. B. Co. (Ltd.), York, Pa.
Fort Madison Plow Co., Fort Madison, Ia.
Gale Mfg. Co. ("Gale"), Albion, Mich.
Grand Detour Plow Co., Dixon, Ill.
Greenville Implement Co. (Walking), Greenville, Mich.
Hapgood Plow Co., Alton, Ill.
Janesville Machine Co., Janesville, Wis.
Keystone Iron Works, Los Angeles, Cal.
La Crosse Plow Co., La Crosse, Wis.
Moline Plow Co. ("Little Dutchman" Engine, Moldboard & Disc), Moline, Ill.
Monmouth Plow Factory, Monmouth, Ill.
Moore Plow & Implement Co., Greenville, Mich.
Oliver Chilled Plow Works, South Bend, Ind.
Parlin & Orendorff Co. ("P. & O." Two or Three Furrow, Riding or Walking), Canton, Ind.
Peppler Thomas, Son & Co., Hightstown, N. J.
Peru Plow & Wheel Co., Peru, Ill.
Racine-Sattley Co. ("Sattley," "Stawana" "Hummer"), Springfield, Ill.
Rockford Mfg. Co. ("Farm Queen," "Rockford"), Rockford, Ill.
Rock Island Plow Co. ("Rock Island"), Rock Island, Ill.
Rowell I. B. Co. (Riding & Walking), Waukesha, Wis.
Shaw H. C. Co., Stockton, Cal.
South Bend Chilled Plow Co. ("Casady," High Lift, "New South Bend," "Captor" Horse & Power), South Bend, Ind.
Spalding Tilling Machine Co. ("Spalding," Deep Tilling), 1434 W 3d, Cleveland, O.
Sparta Plow Works, Sparta, Ill.
Stroud & Co., Omaha, Neb.
Swanson Plow Co., Muskogee, Okla.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Wilder-Strong Implement Co., Monroe, Mich.

Plows (Gang, Steam)

See Plows, Gang, Traction Engine

11188—Plows (Gang, Traction Engine)

Avery Co. ("Avery"), Peoria, Ill.
Case J. I. Threshing Machine Co., Racine, Wis.
Deere & Co., Moline, Ill.
Emerson-Brantingham Co. ("Emerson" Disc & Mold Board, "Reeves"), Rockford, Ill.
La Crosse Plow Co., La Crosse, Wis.
Moline Plow Co. ("Flying Dutchman"), Moline, Ill.
Oliver Chilled Plow Works, South Bend, Ind.
Parlin & Orendorff Co. ("P. & O." Mold & Disc Styles), Canton, Ill.
Peru Plow & Wheel Co., Peru, Ill.
Reschke Machine Works, Wichita, Kans.
Rumely Leo Tractor Co. ("Rumely"), La Porte, Ind.
Syracuse Chilled Plow Co., Syracuse, N. Y.

11189—Plows (Gang, Wheel)

Avery B. F. & Sons, Louisville, Ky.
Bucher & Gibbs Plow Co., Canton, O.
Case J. I. Plow Works, Racine, Wis.
Deere & Co., Moline, Ill.
Donaldson Bros., Mt. Clemens, Mich.
Farquhar A. B. Co. (Ltd.), York, Pa.
Hapgood Plow Co., Alton, Ill.
Janesville Machine Co., Janesville, Wis.
La Crosse Plow Co., La Crosse, Wis.
Moline Plow Co. ("Best Ever" & "Good Enough"), Moline, Ill.
Moore Plow & Implement Co., Greenville, Mich.
Oliver Chilled Plow Works, South Bend, Ind.
Parlin & Orendorff Co. ("P. & O. Canton," "Success," "Diamond," Vineyards), Canton, Ill.
Racine-Sattley Co., Springfield, Ill.
Rock Island Plow Co., Rock Island, Ill.
Rowell I. B. Co., Waukesha, Wis.
Shaw H. C. Co. ("Stockton Reversible"), Stockton, Cal.
South Bend Chilled Plow Co. ("Captor," "New South Bend," "Casaday" Horse & Power), South Bend, Ind.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Wiard Plow Co., Batavia, N. Y.

11190 Plows (Garden)

Akron Cultivator Co., Akron, O.
Alexander Mfg. Co., Ames, Ia.
Allen S. L. & Co., Denckla bldg, Phila., Pa.
Ames Plow Co., Quincy Hall, Boston, Mass.
Avery B. F. & Sons, Louisville, Ky.
Bacon Mfg. Co., Pontiac, Mich.
Bateman Mfg. Co. ("Iron Age"), Grenloch, N. J.
Bridgewater Plow Corp. ("Superior"), Bridgewater, Va.
Brinly Hardy Co., Louisville, Ky.
Brown Mfg. Co., Zanesville, O.
Burch Plow Works Co., Crestline, O.
Case J. I. Plow Works, Racine, Wis.
Columbia Planter Co., Springfield, O.
Crescent Forge & Shovel Co. (Wheel), Havana, Ill.
Deere & Co., Moline, Ill.
Deuscher H. P. Co., Hamilton, O.
Dutton E. Q. & Co., Cato, N. Y.
Empire Plow Co., Cleveland, O.
Fort Madison Plow Co., Fort Madison, Ia.
Gale Mfg. Co., Albion, Mich.
Greenville Implement Co., Greenville, Mich.
Hall Mfg. Co., Monticello, Ia.
Harriman Mfg. Co., Harriman, Tenn.
Henry & Allen (Cultivators), Auburn, N. Y.
Herschel R. Mfg. Co., Peoria, Ill.
Hobson & Co., Easton, Pa.
Leader Plow Co., Staunton, Va.
Lean Roderick Mfg. Co. ("Roderick Lean"), Mansfield, O.
Madison Plow Co., Madison, Wis.
Moore Plow & Implement Co., Greenville, Mich.

PLOWS (GARDEN)—continued
National Drill Co., Cambridge City, Ind.
Norcross C. S. & Sons, Bushnell, Ill.
Oliver Chilled Plow Works, South Bend, Ind.
Parlin & Orendorff Co. ("P. & O."), Canton, Ill.
South Bend Chilled Plow Co., South Bend, Ind.
Southern Plow Co., Columbus, Ga.
Standard Garden Tool Co., Montrose, Ia.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Thornburgh Mfg. Co. ("Climax"), Bowling Green, O.
Towers & Sullivan Mfg. Co. ("Jewel," Safety"), Rome, Ga.
Whitaker Mfg. Co., 409 S Green, Chicago, Ill.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.
Wiard Plow Co., Batavia, N. Y.

11193— Plows (Grooving)

Ohio Tool Co. (Panel, etc), Charleston, W. Va.
Sandusky Tool Co. (Panel Plows, Plow Arms, etc), Sandusky, O.

11194— Plows (Hop)

Adams S. & Son, Rome, N. Y.
Deere & Co., Moline, Ill.
Dutton E. Q. & Co., Cato, N. Y.
Gale Mfg. Co., Albion, Mich.
Gowanda Agricultural Works, Gowanda, N. Y.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.

11195— Plows (Ice)

Ames Plow Co., Quincy Hall, Boston, Mass.
Bodenstein J. G. & Co., Staatsburg, N. Y.
Dernell H. F. Co., Athens, N. Y.
Dorsch Jno. & Sons, 209 Wells, Milwaukee, Wis.
Gifford-Wood Co., Hudson, N. Y.
Gruman Ice Tool Works, Branchville, Conn.
Pray W. H. Clove, N. Y.
Woodhouse J. S. Co., 191 Water, New York

11196— Plows (Locomotive)

Western Wheeled Scraper Co., Aurora, Ill.

11197— Plows (Potato)

Brinly Hardy Co., Louisville, Ky.
Deere & Co., Moline, Ill.
Gale Mfg. Co., Albion, Mich.
Hartig Plow Co., Evansville, Ind.
La Crosse Plow Co., La Crosse, Wis.
Oliver Chilled Plow Works, South Bend, Ind.
Parlin & Orendorff Co. ("P. & O. No. 3"), Canton, Ill.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.

Plows (Road)

See Plows, Contractors'

11198— Plows (Shovel)

Akron Cultivator Co., Akron, O.
Avery B. F. & Sons (With Jumping Coulters), Louisville, Ky.
Belcher & Taylor Agrl. Tool Co., Chicopee Falls, Mass.
Blount Plow Works, Evansville, Ind.
Brinly Hardy Co., Louisville, Ky.
Bristol & Gale Co., 158 Carroll av, Chicago, Ill.
Brown-Manly Plow Co., Malta, O.
Brown Mfg. Co., Zanesville, O.
Bucher & Gibbs Plow Co., Canton, O.
Burch Plow Works, Crestline, O.
Case J. I. Plow Works, Racine, Wis.
N. Y.
Chattanooga Plow Co., Chattanooga, Tenn.
Davidson-Dietrich Plow Co., Evansville, Ind.
Donaldson Bros., Mount Clemens, Mich.
Dutton E. Q. & Co., Cato, N. Y.
Eddy W. Plow Co,, Greenwich, N Y.
Emerson-Brantingham Co. ("Emerson" Single Shovel), Rockford, Ill.
Empire Plow Co., Cleveland, O.
Eureka Mower Co., 16 Hickory, Utica, N. Y.
Everts Mfg. Co. Meridian, N. Y.
Farquhar A. B. Co. (Ltd.), York, Pa.
Fetzer & Co. ("Fetzer," "McSherry"), Springfield, Ill.
Fort Madison Plow Co., Fort Madison, Ia.
Gale Mfg. Co. ("New Era," "Gale," Single & Double Shovel, also Wing Shovel), Albion, Mich.
Gowanda Agricultural Works, Gowanda, N. Y.
Grand Detour Plow Co., Dixon, Ill.
Greenville Implement Co., Greenville, Mich.
Hartig W. F. Plow Co., Evansville, Ind.
Hench & Dromgold Co. (Inc.), York, Pa.
Keystone Machine Co., York, Pa.
La Crosse Plow Co. La Crosse, Wis.
Lean Roderick Mfg. Co. ("Roderick Lean") Mansfield, O.
Lehr Agricultural Co., Fremont, O.
Le Roy Plow Co., Le Roy, N. Y.
Moline Plow Co. (Single & Double), Moline, Ill.
Moore Plow & Implement Co., Greenville, Mich.
Munnsville Plow Co. (One, Two, Three & Five Shovel), Munnsville, N. Y.
Ohio Cultivator Co., Bellevue, O.
Oliver Chilled Plow Works, South Bend, Ind.
Parlin & Orendorff Co. ("P. & O." Single & Double), Canton, Ill.
Peek's S. H. Sons, East Aurora, N. Y.
Rock Island Plow Co. (Single & Double), Rock Island, Ill.
Sargent, Osgood & Roundy Co., Randolph, Vt.
Shunk Plow Co., Bucyrus, O.
South Bend Chilled Plow Co. South Bend, Ind.
Southern Plow Co., Columbus, Ga.
Sparta Plow Works, Sparta, Ill.
Swanson-St. Joseph Plow Co. St. Joseph, Mo.
Syracuse Chilled Plow Co. (Blades & Wings of Steel), Syracuse, N. Y.
Vulcan Plow Co., Evansville Ind.
White's S. R. Sons Norfolk, Va.
Woodhouse J. S. Co., 191 Water, New York

11199— Plows (Snow)

See also Snow Brooms & Sweepers, Street Railway; also Street Railway Sweeping Machines

American Locomotive Co. ("Rotary"), 30 Church, New York
Baker Mfg. Co. ("20th Century" Steel), 1000 Stanford av, Springfield, Ill.
Bloomsburg Car Mfg. Co., Bloomsburg, Pa.
Bradley Osgood Car Co., Worcester, Mass.
Brill J. G. Co. (Electric Ry.), 62d & Woodland av, Phila., Pa.

SIDE WALK SNOW PLOWS
DYAR SUPPLY CO.
Cambridge, Mass.

Grothe John J. (Electric Ry.), Woburn, Mass.
Kalamazoo Railway Supply Co. ("Root" Scraper), Kalamazoo, Mich.
McGuire-Cummings Mfg. Co. (Street Railways), Harris Trust & Savings bldg, Chicago, Ill.
Russel Car & Snow Plow Co., Ridgway, Pa.
Russell Grader Mfg. Co. ("Russell" all Steel Sidewalk), 2005 Univ. av S E, Minneapolis, Minn.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Stroud & Co. (Street or Sidewalk), Omaha, Neb.
Toy W. M. Co., 10 E Shelby, Sidney, O.
Woodhouse J. S. Co. (Sidewalk), 191 Water, New York

11200— Plows (Sub-Soil)

Ames Plow Co., Quincy Hall, Boston, Mass.
Avery B. F. & Sons, Louisville, Ky.
Blount Plow Works, Evansville, Ind.
Brinly Hardy Co., Louisville, Ky.
Bucher & Gibbs Plow Co., Canton, O.
Case J. I. Plow Works, Racine, Wis.
Chattanooga Plow Co., Chattanooga, Tenn.
Dakota Plow & Wagon Co., Sioux Falls, S. D.
Deere & Co., Moline, Ill.
Emerson-Brantingham Co. ("Emerson" Steel), Rockford, Ill.
Farquhar A. B. Co. (Ltd.), York, Pa.
Fort Madison Plow Co., Fort Madison, Ia.
Grand Detour Plow Co., Dixon, Ill.
Hall Jas. H. Plow Co., Maysville, Ky.
Madison Plow Co., Madison, Wis.
Moline Plow Co. (Walking), Moline, Ill.
Oliver Chilled Plow Works, South Bend, Ind.
Parlin & Orendorff Co. ("P. & O."), Canton, Ill.
South Bend Chilled Plow Co., South Bend, Ind.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Wiard Plow Co., Batavia, N. Y.

11201—Plows (Sulky, Reversible)

Belcher & Taylor Agri. Tool Co., Chicopee Falls, Mass.
Chattanooga Plow Co., Chattanooga, Tenn.
Cutaway Harrow Co. (Disc), Higganum, Conn.
Deere & Co., Moline, Ill.
Eddy W. Plow Co., Greenwich, N. Y.
Le Roy Plow Co., Le Roy, N. Y.
Oliver Chilled Plow Works, South Bend, Ind.
Racine-Sattley Co. ("Sattley"), Springfield, Ill.
Sargent, Osgood & Roundy Co., Randolph, Vt.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Wiard Plow Co., Batavia, N. Y.

11202—Plows (Sulky, Riding or Wheel)

Avery B. F. & Sons (Sulky, etc), Louisville, Ky.
Belcher & Taylor Agricultural Tool Co., Reversible Sulky), Chicopee Falls, Mass.
Blount Plow Works (Sulky), Evansville, Ind.
Brinly Hardy Co., Louisville, Ky.
Bryan Plow Co., Bryan, O.
Bucher & Gibbs Plow Co., Canton, O.
Case J. I. Plow Works, Racine, Wis.
Chattanooga Plow Co., Chattanooga. Tenn.
Collins Plow Co., Quincy, Ill.
Dakota Plow & Wagon Co., Sioux Falls, S. D.
Deere John Plow Works, Moline, Ill.
Eddy W. Plow Co., Greenwich, N. Y.
Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.
Farquhar A. B. Co. (Ltd.), York, Pa.
Fort Madison Plow Co., Fort Madison, Ia.
Gale Mfg. Co, Albion, Mich
Grand-Detour Plow Co., Dixon, Ill.
Hapgood Plow Co., Alton, Ill.
Hench & Dromgold Co. (Inc.), York, Pa.
Janesville Machine Co., Janesville, Wis.
La Crosse Plow Co., La Crosse, Wis.
Le Roy Plow Co., Le Roy, N. Y.
Luthy & Co., Peoria, Ill.
Madison Plow Co. ("New Eclipse"), Madison, Wis.
Moline Plow Co. ("Best Ever," "Good Enough"), Moline, Ill.
Monmouth Plow Factory, Monmouth, Ill.
Ohio Cultivator Co., Bellevue, O.
Oliver Chilled Plow Works, South Bend, Ind.
Parlin & Orendorff Co. ("P. & O. Canton," "Success," "Diamond"), Canton, Ill.
Peru Plow & Wheel Co., Peru, Ill.
Racine-Sattley Co. ("Sattley," "Hummer," "Royal," "New Way"), Springfield, Ill.
Rockford Mfg. Co. ("Farm King," "Rockford," "Rockford, Jr," "Rockford King"), Rockford, Ill.
Rock Island Plow Co. ("Rock Island"), Rock Island, Ill.
Rowell I. B. Co., Waukesha, Wis.
South Bend Chilled Plow Co. ("Pilot," "Casaday" Foot Lift), South Bend, Ind.
Sparta Plow Works, Sparta, Ill.
Swanson-St. Joseph Plow Co., St. Joseph, Mo.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Vulcan Plow Co. (Sulky), Evansville, Ind.
Wiard Plow Co., Batavia, N. Y.

11203—Plows (Sulky, Right & Left Hand)

Parlin & Orensdorff Co. ("P. & O. Success," Two Wagon, on One Frame), Canton, Ill.

11204—Plows (Swivel Reversible & Hillside)

Ames Plow Co. (Swivel and Hillside), Quincy Hall, Boston, Mass.
Avery B. F. & Sons, Louisville, Ky.
Belcher & Taylor Agrl. Tool Co., Chicopee Falls, Mass.
Brinly Hardy Co. (Hillside), Louisville, Ky.
Bucher & Gibbs Plow Co. (Hillside & Reversible), Canton, O.
Columbia Plow Works, Copake Falls, N. Y.
Eddy W. Plow Co. (Hillside & Swivel), Greenwich, N. Y.
Emerson-Brantingham Co. ("Emerson" Hillside), Rockford, Ill.
Gowanda Agricultural Works, Gowanda, N. Y.
Hall J. H. Plow Co. (Hillside), Maysville, Ky.
Hench & Dromgold Co. (Inc.) (Hillside), York, Pa.
Leroy Plow Co. (Hillside & Flatland), Leroy, N. Y.
Moline Plow Co. ("Moline Two Way"), Moline, Ill.
Munnsville Plow Co., Munnsville, N. Y.
Oliver Chilled Plow Works, South Bend, Ind.
Parlin & Orendorff Co. ("P. & O."), Canton, Ill.
South Bend Chilled Plow Co. (Reversible, Hillside, etc), South Bend, Ind.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Vulcan Plow Co. (Hillside), Evansville, Ind.
Wiard Plow Co. (Hillside), Batavia, N. Y.

11205— Plows (Traction)

Deere John Plow Works, Moline, Ill.
Grand Detour Plow Co., Dixon, Ill.
Lawtor Tractor Co., St. Marys, O.
Ward Tractor Co., Lincoln, Neb.
Worthington Pump & Machy. Corp. (With Oil Engines), 115 B'way, New York
See adv index at end of book

Plows (Unloading)

See Ballast, Loaders & Unloaders

11206—Plows (Wheel Walking)

Collins Co., Collinsville, Conn.
Deere John Plow Works, Moline, Ill.
Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.
Hench & Dromgold Co. (Inc.), York, Pa.
Madison Plow Co., Madison, Wis.
Messinger Mfg. Co., Tatamy, Pa.
Parlin & Orendorff Co. ("P. & O." Black Land, "Blue Jay" Brush Breaker, Combination One-Horse Corn, Ditching, Grading, Hillside; "Iowa" Middle Breakers, Sandy Land, New Ground, Prairie Breakers, Rod Breakers, Root Ground, Scotch, Clipper, Southern Stubbie, "Sunset Special" Vineyard Timber), Canton, Ill.
Racine-Sattley Co. ("Wonder"), Springfield, Ill.
Rock Island Plow Co., Rock Island, Ill.
Syracuse Chilled Plow Co. (Chilled), Syracuse, N. Y.
Wake Forest Fdry. Co., Wake Forest, N. C.
Wayne Agricultural Works, Goldsboro, N. C.

11207— Plugs (Attachment)

See also Plugs, Ordinary Attachment

BENJAMIN ELECTRIC MFG. CO. (With Rotary Sleeve, etc.), 128 S Sangamon, Chicago, Ill.
See adv index at end of book
Best Electric Co., Pittsburgh, Pa.
Bryant Electric Co., Bridgeport, Conn.
Bussman Mfg. Co., 3819 N 23d, St. Louis, Mo.
Freeman E. H. Electric Co., Trenton, N. J.
Hart & Hegaman Mfg. Co., 342 Capitol av, Hartford, Conn.
Hubbell, Harvey, Inc., Bridgeport, Conn.
Manhattan Elec'l Supply Co., 17 Park pl, New York
See adv index at end of book
Pass & Seymour ("P. & S."), Solvay, N. Y.

11208—Plugs (Automatic Boat)

Welin Marine Equipment Co., 305 Vernon av, Long Island, N. Y.

11209—Plugs (Bath & Basin)

American Pin Co. ("Ampinco"), Waterbury, Conn.
Bunnell W. H., 131 Worth, New York
Central Brass Mfg. Co., 6206 Cedar, Cleveland, O.
Crescent Mfg. Co., Scottdale, Pa.
Detroit Sanitary Supply Co., 1191 2nd, Detroit, Mich.
Exeter Brass Works, Exeter, N. H.
Federal-Huber Co., 234 N Halsted, Chicago, Ill.
Frost Mfg. Co., Kenosha, Wis.
Glauber Brass Mfg. Co., 49th & Superior av, N E, Cleveland, O.
Hall Mfg. Co., Harrison, N. J.
Haydenville Co., Haydenville, Mass.
Hoffman & Billings Mfg. Co., 100 2nd, Milwaukee, Wis.
Homer Brass Works, 231 Race, Phila., Pa.
Humphryes Mfg. Co., Mansfield, O.
Jenkins Mfg. Co. ("Rex"), 20 Vesey, New York
McDonald A. Y. Mfg. Co., Dubuque, Ia.
Murdock Mfg. & Supply Co., 426 Plum, Cincinnati, O.
Murphy Specialty Co., 90 2d, Milwaukee, Wis.
Park & McKay, 55 Bagley av, Detroit, Mich.
Peck Bros. & Co., New Haven, Conn.
Perkes Chas. (Est. of), 627 Arch, Phila., Pa.
Richardson Edro Brass Co., 318 N Holliday, Baltimore, Md.
Schacht Rubber Mfg. Co. ("Daisy" Rubber), Huntington, Ind.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Stebbins E. Mfg. Co., Springfield, Mass.
Sterling & Skinner Mfg. Co., 2672 E Gd. blvd, Detroit, Mich.
Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
Trenton Brass & Machine Co., Trenton, N. J.
Union Metal Works, Chelsea, Mass.
Waterbury Mfg. Co., Waterbury, Conn.
Weir & Craig Mfg. Co. ("W. & C. Mfg. Co."), 2421 Wallace, Chicago, Ill.
Wise J. B. Inc., Watertown, N. Y.
Wolff L Mfg. Co., 111 No. Dearborn, Chicago, Ill.

11210-1— Plugs (Boiler Flue)

Betterman Reinhold, Johnstown, Pa.
Buckeye Iron & Brass Works, Dayton, O.
Webb Elisha & Son Co. ("Handy"), 136 S Water, Phila., Pa.

11212— Plugs (Brass)

American Brass & Cooper Co. (Basin Wash Tray, etc), 138 Lafayette, New York
American Injector Co., Detroit, Mich.
Belfield H. Co., 435 N Broad, Phila., Pa.
Buckeye Iron & Brass Works, Dayton, O.
DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book
Exeter Brass Works, Exeter, N. H.
Haydenville Co., Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
Hoffman & Billings Mfg. Co., 100 2nd, Milwaukee, Wis.
Imperial Brass Mfg. Co. (Cylinder, for Automobile & Motor Boat), 524 S Racine av, Chicago, Ill.
See adv index at end of book
Jarecki Mfg. Co., Erie, Pa.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Kokomo Brass Works (Brass Cleanout), Kokomo, Ind.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McDonald A. Y. Mfg. Co., Dubuque, Ia.
McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.
See adv index at end of book
Muller H. Mfg. Co. (Cleanout), Decatur, Ill.
National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.
Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
Powell Wm. Co., Cincinnati, O.
Queen City Brass & Iron Works, Cincinnati, O.
Richardson Edro Brass Co., 318 N Holliday, Baltimore, Md.
Sherman H. B. Mfg. Co., Battle Creek, Mich.
Sterling & Skinner Mfg. Co., 2672 E Gd. blvd, Detroit, Mich.
Trenton Brass & Machine Co. ("Trenton" Wash Tray), Trenton, N. J.
Walworth Mfg. Co., Boston, Mass.
Williams D. T. Valve Co., Cincinnati, O.
Wolverine Brass Works, Grand Rapids, Mich.

11212a— *Plugs (Brush)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

11212b—Plugs (Carriage Body)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

11213— Plugs (Cast Iron)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Crane Co. (Est. 1855), 836 S Michigan, Chicago, Ill.
For branch offices see Alphabetical Section
General Fire Extinguisher Co., Providence, R. I.
McNab & Harlin Mfg. Co., 55 John, New York
Newbury Mfg. Co., Monroe, N. Y.
Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
Walworth Mfg. Co., Boston, Mass.

11214—Plugs (Conduit Sealing)

American Wood Working Co., 4345 Wabansia av, Chicago, Ill.
Austin M. B. & Co. (Wood), 706 Jackson blvd, Chicago, Ill.
Estes E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*
Fralick & Co. S. R., 15 S. Clinton, Chicago, Ill.
Phila. Electrical & Mfg. Co. ("Phila."), 1236 N 31st, Phila., Pa.
Stiles & Co., H. A. (Wood), 97 Oliver, Boston, Mass.
Thomas & Betts, 105 Hudson, New York
Trumbull Elec. Mfg. Co., Woodford av, Plainville, Conn.
Walker Bros. & Haviland, 1532 Sansom, New York
Wolf J. C. (Wood), Westville, N. J.

11214a— Plugs (Deck)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Plugs (Cooperage)

See Plugs, Wood

11215— Plugs (Drift)

Buffum Tool Co. ("Swastika," Plumbers' Wooden), South Side, Louisiana, Mo.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stossel Carl & Co., Front Royal, Va.

11216— *Plugs (Edi-Swan)

MORSE FRANK W. ("Morse" S. C. & D. C.), 289 Congress, Boston, Mass.
See adv index at end of book

11216a—Plugs (Fireworks)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Plugs (Electric Attachment)

See Plugs Attachment

11217—Plugs (Flush & Receptacle)

Adam Frank Electric Co., 904-14 Pine, St. Louis, Mo.
ARROW ELECTRIC CO. ("Midget," "Standard," "Combination"), Hartford, Conn.
Benjamin Elec. Mfg. Co., 120-128 S Sangamon, Chicago, Ill.
Bryant Electric Co. ("Chapman," "Wonder"), Bridgeport, Conn.
Central Elec. Co., 320 S 5th av, Chicago, Ill.
Chelton Elec. Co., Phila., Pa.
Clancy J. R., Syracuse, N. Y.
Conduit Elec'l Mfg. Co., 1st & L, Boston, Mass.

PLUGS (FLUSH & RECEPTACLE)—cont

Crouse-Hinds Co., Syracuse, N. Y.
Cutter Electrical & Mfg. Co., 19th & Hamilton, Phila., Pa.
Dale Lighting Fixture Co., 107 W 13th, New York
General Elec. Co., Schenectady, N. Y.
HART MFG. CO. ("Diamond H"), 230 Hamilton, Hartford, Conn.
See adv index at end of book
Hart & Hegeman Mfg. Co. ("H. & H."), Hartford, Conn.
Hatzell & Buehler ("H. & B."), 373 4th av, New York
Hubbell Harvey (Inc.), Bridgeport, Conn.
Irish W. F. Electric Supplies ("Shamrock," Floor), 130 W 32d, New York
Loeffelholz & Co. ("Gibbs," for Cars), Milwaukee, Wis.
Manhattan Electrical Supply Co. ("Mesco"), 17 Park pl, New York
See adv index at end of book
Novelty Electric Co. (Fibre), 50 N 4th, Phila., Pa.
Paiste H. T. Co. ("Felding"), 3201 Arch, Phila., Pa.
Pringle Electrical Mfg. Co., 1906 N 6th, Phila., Pa.
Russell & Stoll Co., 17 Vandewater, New York
Steel City Electric Co. ("Campbell" Receptacle), 1207 Columbus av, Pittsburgh, Pa.
Trumbull Electric Mfg. Co., Plainville, Conn.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

11217a— Plugs (Fuse)

Atlas Selling Agency, 450 4th av, New York
Bryant Electric Co., 1421 State, Bridgeport, Conn.
Bussman Mfg. Co., 3819 W 23d. St. Louis, Mo.
Chelten Electric Co., Phila., Pa.
Chicago Fuse Mfg. Co., 1014 W Congress, Chicago, Ill.
Clemens Electrical Corp., 725 Main, Buffalo, N. Y.
D. & W. Fuse Co., Providence, R. I.
Daum A. F., 1157 Hodgkiss, Pittsburgh, Pa.
Hart & Hegeman Mfg. Co., 342 Capitol av, Hartford, Conn.

11217b—Plugs (Fuse Hole)

Bogert & Hopper (Hardwood), 67 Barclay, New York
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

ESTABLISHED 1847
E. B. ESTES & SONS
MANUFACTURERS OF
Screw-Threaded Wood Plugs for SHRAPNEL and High Explosive Shells
364 5th Ave. New York City

Lestershire Spool Mfg. Co., Lestershire, N. Y.
Nashua Spool & Bobbin Co. (Maple), Grove Hall Sta., Boston, Mass.

11217c—Plugs (Fuse Shrapnel)

Van Wagner E. B. Mfg. Co. (Cast Zinc, Aluminum, Lead, etc.), Syracuse, N. Y.

11218 Plugs (Fusible)

American Injector Co., Detroit, Mich.
American Safety Lamp & Mine Supply Co., Scranton, Pa.
Ashcroft Mfg. Co., 119 W 40th, New York
Belknap Mfg. Co., Bridgeport, Conn.
Buckeye Iron & Brass Works, Dayton, O.
Crane Co., Bridgeport, Conn.
Crane Co. (Est. 1855), 836 S Michigan, av, Chicago, Ill.
For branch offices see Alphabetical Section
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.
Duluth Brass Works, Duluth, Minn.
Exeter Brass Works, Exeter, N. H.
Farnan Brass Works Co., 1105 Center, Cleveland, O.
Fewlass-Leen Brass & Iron Co., 610 E Front, Cincinnati, O.
Garratt W. T. & Co., 299 Fremont, San Francisco, Cal.
General Fire Extinguisher Co., Providence, R. I.
Glasgow Iron Works & Supply Co. ("Phillips"), 28 West, New York
Haines, Jonesg & Cadbury Co., 1136 Ridge av, Phila., Pa.
Haydenville Co., Haydenville. Mass.
Hills-McCanna Co., 153 E Kinzie, Chicago, Ill.
Hoffman B. Mfg. Co., 257 6th, Milwaukee, Wis.
Ingersoll-Rand Co. (Signal), 11 B'way, New York *See adv index at end of book*
Jarecki Mfg. Co., Erie, Pa.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Kinsey & Mahler Co., Peoria, Ill.
LUNKENHEIMER CO., Executive Offices & Factories; Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McNab & Harlin Mfg. Co., 55 John, New York
McRae & Roberts Co., 227 Campbell av, Detroit, Mich. *See adv index at end of book*
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
National Supply Co., Toledo, O.
Ohio Injector Co., Wadsworth, O.
Perkes Charles (Est. of), 627 Arch, Phila., Pa.
Powell Wm. Co., Cincinnati, O.
Queen City Brass & Iron Works, Cincinnati, O.
Sherman H. B. Mfg. Co., Battle Creek, Mich.
Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.
Tranter Mfg. Co., 105 Water, Pittsb'gh, Pa.
Van Duzen E. W. Co., 428 E 2d, Cincinnati, O.
Walworth Mfg. Co. (Fusible Boiler), Boston, Mass.

11219—Plugs (Gas & Water Main)

Behringer Edw. A. Inc. (Rubber Service), 88 West B'way, New York
KEMP C. M. MFG. CO. ("Climax"), 405 E Oliver, Baltimore, Md.
Norwood Engineering Co. ("Streeter"), Florence, Mass.

11220— Plugs (Indicator)

Buckeye Iron & Brass Works, Dayton, O.

11221-2—Plugs (Laundry Tray)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Andrews Thos. G. & Co., 30-32 Wendell, Boston, Mass.
Central Brass Mfg. Co., 6206 Cleveland, O.
Dearborn Brass Co., Cedar Rapids, Iowa
Diamond Mfg. Co., Detroit, Mich.
Empire Brass Mfg. Co., Cleveland, O.
Exeter Brass Works. Exeter, N. H.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Haydenville Co., Haydenville, Mass.
Salem Brass & Iron Mfg. Co., Salem, N. J.
Trenton Brass & Machine Co., Trenton, N. J.
Union Metal Works. Chelsea, Mass.
Wolverine Brass Works, Grand Rapids, Mich.

11223— Plugs (Nailing)

Allegheny Steel Band Co., 886 Main, Pittsburgh, Pa.

11224— Plugs (Ordinary Attachment)

Arrow Electric Co. ("Standard"), Hartford, Conn.
Benjamin Electric Mfg. Co., 128 S Sangamon, Chicago, Ill.
See adv index at end of book
Bryant Electric Co., Bridgeport, Conn.
Connecticut Electric Mfg. Co., Bridgeport, Conn.
Crouse-Hinds Co., Syracuse, N. Y.
Freeman E. H. Electric Co., Trenton, N. J.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hubbell Harvey (Inc.), Bridgeport, Conn.
Manhattan Electrical Supply Co. ("Mesco"), 17 Park pl, New York
See adv index at end of book
Paiste H. T. Co. ("Pushin"), 3201 Arch, Phila., Pa.
Pass & Seymour, Solvay, N. Y.
Perkins Electric Switch Mfg. Co., Bridgeport, Conn.
Peru Electric Co., Peru, Ind.
Sears Henry D. ("Weber"), 80 Boylston, Boston, Mass.
Stephenson Mfg. Co. (Wooden), South Bend, Ind.
Tregoning Electric Mfg. Co. Cleveland, O.
Trumbull Electric Mfg. Co., Plainville, Conn.
Union Electric Co., Trenton, N. J.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh. Pa.
See adv index at end of book

11225— Plugs (Paper Roll)

See also Plugs, Wood

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Menasha Woodenware Co. (For Counter Rolls), Menasha, Wis.
Munsing Woodenware Co. (For Counter Rolls), Munsing, Mich.
Nashau Spool & Bobbin Co., Grove Hall Station, Boston, Mass.
Stephenson Mfg. Co., South Bend, Ind.

11226— Plugs (Pipe)

Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
LUNKENHEIMER CO., Excutive Offices & Factories: Beekman & Waverley, Cincinnati, Ohio
See adv index at end of book
Norwood Engineering Co. ("Streeter"), Florence, Mass.
Stephenson Mfg. Co., South Bend, Ind.

11226a—Plugs (Plumbers Sand)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

11227— *Plugs (Radiator)

DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich *See adv index at end of book*

11228—Plugs (Roll Turners')

Tinker P. & Sons Co., 5687 Butler, Pittsburgh, Pa.

11229—Plugs (Seamless Tube Rolling)

Pittsburgh Iron & Steel Foundries Co., Midland, Pa.

11230—Plugs (Self Flushing Socket)

Phelps Mfg. Co. ("Skedoodle" Flushes Lamp On & Off Automatically), 265 Jefferson av, Detroit, Mich.

11231—Plugs (Smoke Testing)

Austin G. W. & Co., 132 High, Boston, Mass.
Blake Specialty Co., Rock Island, Ill.
Kemp C. M. Mfg. Co. ("Climax"), 405 E Oliver, Baltimore, Md

11232—Plugs (Soil Pipe Testing)

Beekman Sanitary Specialty Co., 101 Beekman, N. Y.
Blake Specialty Co., Rock Island, Ill.
Clark Bros. ("Acme"), 1228 Locust, Phila., Pa.
Drummond M. J. & Co., 51 Chambers, N.Y.
Glanber M & Co, 103 Varick, New York
Hessler H E. Co. ("Star"), Syracuse, N. Y.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
KEMP C. M. MFG. CO. ("Climax"), 405 E Oliver, Baltimore, Md.
Mechanicsville Specialty Supply Co., Mechanicsville, N. Y.
Plugh August T., Hoboken, N. J.
Smith A. P. Mfg. Co., East Orange, N. J.
Walworth Mfg. Co., Boston, Mass.
Wolff L. Mfg. Co., 111 N Dearborn, Chicago, Ill.
Wolverine Brass Works, Grand Rapids, Mich.
Woodward-Wagner Co., 1106 Spring Garden, Phila., Pa.

11233— Plugs (Spark)

Air-Friction Carburetor Co., Dayton, O.
Akar Ignition Co. ("Akar"), 49 Berkley, Wayne Junction, Phila., Pa.
Albright Ignition Co., Columbus, Ga.
American Coil Co. ("Indestructible," "American"), Foxboro, Mass.
Auburn Ignition Mfg. Co. ("Electric," "Auburn No. 2" Porcelain, "Cayuga" Mica), Auburn, N. Y.
Automobile Equipment Co. ("L. X. V."), Detroit, Mich.
Automobile Supply Co., 1335 Michigan av, Chicago, Ill.
Axwell Equipment Co. ("Axwell"), 208 Wood, Pittsburgh, Pa.
Batchelder-Gallant Co., 106 Ferdinand, Boston, Mass.
Beckley-Ralston Co. ("Victor," "Copper Head"), 1801 S Michigan av, Chicago, Ill.
Belvidere Screw & Machine Co., Belvidere, Ill.
Benford Mfg. Co. ("Monarch"), Mount Vernon, N. Y.
Benton L. F. Co., Vergennes, Vt.
Bergie Nat'l Spark Plug Co. ("Bergie National"), 7th & 19th av, Rockford, Ill.
Bigsby-Rotary Mfg. Co. ("Vital," "Leader"), Cleveland, O.
Bosch Magneto Co., 223 W 46th, New York
Bradley C. E. Motor Co., 268 Diamond, Phila, Pa.
Brockett-Gorham Co. ("Bro-Gar"), Marion, Ohio
Brown Co. (Quick Detachable), Syracuse, N. Y.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Byrne Kingston Co. ("Kingston"), Kokomo, Ind.
Champion Ignition Co. ("A. C."), Flint, Mich.
Champion Spark Plug Co. ("Champion"), Toledo, O.
Czar Ignition Co. ("Czar"), 531 Ellicott, Buffalo, N. Y.
Day Geo. F. ("Day"), 21 Haverhill, Boston, Mass.
Delta Mfg. Co. ("Delta," "B. O. E."), Bloomfield, N. J.
Dow Mfg. Co., Braintree, Mass.
Eclipse Mfg. Co. ("Hercules"), 502 Meridian Life, Indianapolis, Ind.
Eismann Magneto Co., 32 33d, B'klyn, N. Y.
Electrolamp Co. ("Little Gem," "Echo"), Detroit, Mich.
Express Spark Plug Co., Washington, D. C.
Fan Flame Spark Plug Co., Yonkers, N. Y.
Fulton Co., 726 Nat. av, Milwaukee, Wis.
Geer Harry R. Co., 858 McLaren av, St. Louis, Mo.
General Illuminating Co. ("Grant Triple Anchor"), 47 Green, New York.
Gibson-Hollister Mfg. Co., 376 Burnie, Springfield, Mass.
Glaugan & Co., Dickey bldg, Chicago, Ill.
Grossman Emil Mfg. Co. ("Red Head"), 167 41st, Brooklyn, N. Y.
Guarantee Tire & Rubber Co. ("Long Distance," "Hot Spark"), Indianapolis, Ind.
Hampshire Mfg. Co. ("Wizard," "Rival"), Hatfield, Mass.
Hartford Machine Screw Co. ("Master," "H. M. S. Bull Dog"); Hartford, Conn.
Heinze Electric Co. ("Heinze," "Heco"), Lowell, Mass.
Herz & Co. ("Bougle Mercedes"), 245 W 55th, New York
Hill Insulating & Mfg. Co., 511 W 42, New York.
Hubbell Harveyl (Inc.), Bridgeport, Conn.
Ideal Switch & Machinery Co. ("Ideal"), Plainville, Conn.
Janesville Products Co., Janesville, Wis.
Jefferson Electric Mfg. Co., 426 S Green, Chicago, Ill.
Johns H. M.-Manville Co. ("Johns-Manville"), Madison av & 41st, New York
Jones Major E. Motor Co. ("Major Jones"), Detroit, Mich.
K-W Ignition Co. ("Hot Shot," "Vim"), Chester av & E 30th, Cleveland, O.
Knoblock-Heideman Mfg. Co. ("Quick Action"), South Bend, Ind.
Kokomo Electric Co. ("Kingston"), Kokomo, Ind.
Legnard A B Co., Waukegan, Ill.
Lemke Electric Co. (Mica & Porcelain), **509 Cedar, Milwaukee, Wis.**
Lipman Mfg. Co., Beloit, Wis.
Long Bros. ("Leader," "Ramble"), Kokomo, Ind.
Lockwood Ash Motor Co. ("Never-Miss"), Jackson, Mich.
Long Distance Spark Plug Co. ("Long Distance"), Indianapolis, Ind.
Louisville Auto Supply Co. ("Lasco"), Louisville, Ky.
Mac Gregor Co., John, 756 South Boston, Mass.
Manhattan Electrical Supply Co. ("Mesco"), 17 Park pl, New York
See adv index at end of book
Marburg Bros. (Imported), 90 West, New York.
Matador Tire & Vulcanizing Co. ("Matador"), 1400 Michigan av, Chicago, Ill.
Michigan Motor Specialties Co. ("Becco"), Detroit, Mich.
Miller Chas. E. (Mica & Porcelain), 97 Reade, New York
Miller Mfg. Co., Peekskill, N. Y.
Milwaukee Auto Specialty Co. ("Centerfire," "Victor"), 711 Chestnut, Milwaukee, Wis.
Mosler A. R. & Co. ("Spit-Fire," "Triumph," "Breech-Block," "Vesuvius," "Beat-M-All Ramrod"), Mt. Vernon, N. Y.
Motor Car Supply Co. ("M. C. S."), 1453 Michigan av, Chicago, Ill.
New York Mica & Mfg. Co. ("Wright" Mica "Auburn"), Auburn, N. Y.
Oakes & Dow Co. ("Comet," "Sootless"), 15 Chardon, Boston, Mass.
Orswell Igniter Co. (Plug & Coil Combined), Boston, Mass.
Pettingell-Andrews Co. ("O. K."), 166 Pearl, Boston, Mass.
Phoenix Auto Supply Co., 3225 Locust, St. Louis, Mo.
Pittsfield Spark Coil Co. ("Jewell" Mica), Pittsfield, Mass.
Post & Lester Co. ("E. I. C."), Hartford, Conn.
Rajah Auto Supply Co., Bloomfield, N. J.
Randall-Faichney Co. ("Mac-Kae Blitz"), **Boston, Mass.**
Reflex Ignition Co. ("Reflex," "Lightning," "Arrow," "Baby Reflex," "Lightning-Kid"), Cleveland, O.
Rex Ignition Mfg. Co., 1779 B'way, N. Y.
Rhineland Machine Works Co. ("Lechler" Imp.), 1737 B'way, New York
Rosen A. W. & Co., 610 B'way, New York
Schug-Elect. Mfg. Co., Detroit, Mich.
Seidler-Miner Co., Detroit, Mich.
Sharp Spark Plug Co. ("Sharp Spark," "Fire Fly"), 3343 Broadview rd, Cleveland, O.
Splitdorf Electrical Co.. (Green Jacket), 98 Warren, Newark, N. J.
Superior Motor Power Co. ("Su-Dig" Two Plug Ignition, "Twin-Tact" Double Plug), 135 5th av, New York.
Szel Import & Export Co. ("Anchor"), 393 B'way, New York
Tungsten Mfg. Co., Marshalltown, Ia.
U. S. Automatic Co., Amherst, O.
Utility Co. ("Utility" & "Uko"), 636 W 44th, New York
V-Ray Company ("V-Ray"), Marshalltown, Ia.
Volcano Spark Plug Co. ("Volcano"), Ashland, O.
Washington Auto Supply Co. ("Washington" & "Wasco"), Washington, Ill.
Wells R. C. Mfg. Co., Fond-du-Lac, Wis.
Wesco Supply Co., 7th & Clark av, St. Louis, Mo.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Williams E. Q., Syracuse, N. Y.

11234—Plugs (Stage & Receptacle)

Adam Frank Electric Co., 904-14 Pine, St. Louis, Mo.
Bryant Elec. Co., 1421 State, Bridgeport, Conn.
Central Electric Co. ("Ralco" Receptacles), 302 S 5th av, Chicago, Ill.
Chicago Electric Mfg. Co. ("Handy"), 2817 S Halsted, Chicago, Ill.
Clancy J. R., Syracuse, N. Y.
Condit Electrical Mfg. Co., ("Cushing" Sole Selling Agents for Chase-Shawmut Co.), **1st & L, Boston, Mass.**
Drendell Electrical & Mfg. Co., 169 Erie, San Francisco, Cal.
Electric Apparatus Co., 127 S Green, Chicago, Ill.
GENERAL ELECTRIC CO. (Interchangeable Stage), Schenectady, N. Y.
See adv index at end of book
Lang J. Electric Co., 423 N Lincoln, Chicago, Ill.
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
Newgard Henry & Co. ("Newgard"), 947 Washington blvd, Chicago, Ill.
Russell & Stoll Co., 17 Vandewater, New York
Stanley & Patterson ("Fielding"), 23 Murray, New York
Tregoning Electric Mfg. Co., Cleveland, O.
UNIVERSAL ELECTRIC STAGE LIGHTING CO. ("Kliegl"), 240 W 50th, New York

11235—Plugs (Steam Chest Oil)

Franklin Railway Supply Co. ("Franklin," 30 Church, New York.

11236— *Plugs (Switch)

DELAWARE HARD FIBRE CO. (Fibre), Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

11237— Plugs (Tap)

Rapid Tap Plug Co. ("Rapid"), Grand Rapids, Mich.
Wolverine Brass Works ("Wolverine"), Grand Rapids, Mich.

11238— Plugs (Test)

Norwood Engineering Co. ("Streeter"), Florence, Mass.

11239— Plugs (Tie)

ESTES E B. & SONS, 364 5th av, New York *See adv index at end of book*
Goldie Wm. Jr., Bay City, Mich.
Roper John L. Lumber Co. (Hardwood), Norfolk, Va.

11239a—Plugs—Transit (for Shrapnel)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

11239b—Plugs (Varnish Can)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

11240-1— Plugs (Wall)

American 3-Way Prism Co. (Metal), La Porte, Ind.
Berger Mfg. Co., Canton, O.
Bostwick Steel Lath Co. ("Bostwick" Galvanized), Niles, O.
Dowman-Dozier Mfg. Co. (Metal), Atlanta, Ga.
Hastings Foundry & Iron Works, Hastings, Neb.
Hubbell Harvey (Inc.), Bridgeport, Conn.
Merwin Mfg. Co., "Yankee" (Galvanized), Erie, Pa.
Niagara Falls Metal Stamping Works (Galvanized), Niagara Falls, N. Y.
Prescott J. B. & Son ("Rutty" Metal), Webster, Mass.
Wicks M. O. Mfg. Co., Glen Cove, N. Y.

When writing to firms whose names appear in this book please mention
HENDRICKS' COMMERCIAL REGISTER.

ESTABLISHED 1847

E. B. ESTES & SONS

Manufacturers of

PAPER PLUGS-VARNISH CAN PLUGS

Spools or Cores for Adding Machine Paper. Bungs Automatic Lathe Turnings Generally

364 5th AVENUE NEW YORK CITY

11242— Plugs (Wooden)

Bachelder A. & Co., 234 Mt. Vernon, Lowell, Mass.
Bogert & Hopper, 67 Barclay, New York
Brewing Appliance Specialty Co., Hartford, Conn.
Central City Bung Co., Huntington, W. Va.
ESTES E. B. & SONS (Fluing, Carriage Body, Conduit, Deck, Drift, Oval, Paper Roll, Plumbers' Sand, Tile, Varnish, Can., etc.), 364 5th av, New York *See adv index at end of book*
Nashua Spool & Bobbin Co. (Paper Rolls, up to 5 in. in diam., Deck, etc.), Grove Hall Station, Boston, Mass.
Peirce W. E. & Co., Milford, N. H.
Peters' Jno. M. Sons, Bleecker, N. Y.
Redlich Mfg. Co. (All Kinds), 637 W Oak, Chicago, Ill.
Rowe Henry Mfg. Co., Newaygo, Mich.
Russ Co., 5700 Walworth av, Cleveland, O.
Sommer Jno. Faucet Co., 355 Central av, Newark, N. J.
Standard Turning Works, Cambridge, Mass.
Stephenson Mfg. Co., South Bend, Ind.
U. S. Bung Mfg. Co., 48 S 2d, Brooklyn, N. Y.

11243— Plugs & Feathers

Auer John, Jr. (Steel, Stone Hoisting), 197 Middleton, Brooklyn, N. Y.
Channon Jas. H. Mfg. Co. (Stone Hoisting, etc.), 227 W Erie, Chicago, Ill.
Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.

11244—Plugs & Patches (Tire Repair)

See also Cement

Anderson Rubber Works, Anderson, Ind.
Braender Rubber & Tire Co. (Cementless), Rutherford, N. J.
Double Fabric Tire Co. (Inside Fabric, Outer Sleeve), Auburn, Ind.
Empire Tire & Rubber Corp., East Trenton, N. J.
Firestone Tire & Rubber Co. ("Firestone"), Akron, O.
Goodrich B. F. Co., Akron, O.
Goodyear Tire & Rubber Co., Akron, O.
Michelin Tire Co. (Patches & Sleeves for Repairing Automobile Tires & Inner Tubes), Milltown, N. J.
Morgan & Wright, Detroit, Mich.
Parker-Stearns & Co. ("Alpha"), 286 Sheffield av. Brooklyn, N. Y.

11244a—Plugs & Receptacles (Battery Charging)

Anderson Albert & J. M. Mfg. Co. ("Anderson," For Electric Vehicle & Railway Coaches, Power Circuit Connections A. C. & D. C.), 289A, Boston, Mass.
Consolidated Car Heating Co., Albany, N. Y.
GENERAL ELECTRIC CO. ("Standard" Tapping Plugs & Receptacles), Schenectady, N. Y.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

11245— Plumb Bobs

Bergman Tool Mfg. Co. (Steel, Hexagon & Round), Buffalo, N. Y.
Braunsdorf-Miller Co., Elizabeth, N. J.
Brown & Sharpe Mfg. Co. ("Mercury"), Providence, R. I.
Chapin-Stephens Co., Pine Meadow, Conn.
Crescent Novelty Mfg. Co. (Lead), 703 S B'way, St. Louis, Mo.
Dikeman Mfg. Co. ("Cant-Roll"), Norwalk, Conn.
Disston Henry & Sons, Tacony, Phila., Pa.
Fuerst Bros. & Co. (Imp), 2 Stone, New York
Goodell-Pratt Co., Greenfield, Mass.
Huebel Mfg. Co. (Bronze), 103 Monroe, Newark, N. J.
Jackson S. R. (Iron, etc.), Watertown, N. Y.
Jennings C. E. & Co., 71 Murray, New York
Keuffel & Esser Co., Hoboken, N. J.
Kupferle J. C. Foundry Co., 1st & Wright, St. Louis, Mo.
Lamp & Miller Mfg. Co., 382 4th, Milwaukee, Wis.
Leistner Paul Sons Mfg. Co. (Common Sense & Reversible), St. Charles, Mo.
Osborne C. S. & Co., Harrison, N. J.
Peck, Stow & Wilcox Co., Southington, Conn.
Reading Hardware Co., Reading, Pa.
Ridgely-Trimmer Co., Springfield, O.
S. & I. Co. ("Perfect"), Springfield, Mass.
Sargent & Co. (Brass, Lead, Wired, Iron, Adjustable Top), New Haven, Conn.
Stanley Rule & Level Co. (Adjustable), New Britain, Conn.
STARRETT L. S. CO. THE (Mercury, Steel), Athol, Mass.
See adv index at end of book
Union Hardware Co., Torrington, Conn.
Welch T. F. Co., 55 Sudbury, Boston, Mass.
West Haven Mfg. Co. (Machine Turned, Highly Polished), West Haven, Conn.
Wrightsville Hardware Co., Wrightsville, Pa.

11246-7-8— Plumbago

Buckeye Products Co., 919-929 W 5th, Cincinnati, O.
See adv index at end of book
Dixon Joseph Crucible Co. ("Dixon's"), Jersey City, N. J.
Doggett Stanley Inc., 11 Cliff, New York
Dunn & Kruse, 63 Park Row, New York
Federal Foundry Supply Co., 2639 E 79th, Cleveland, O.
Frost & Cundill Inc. (Imp.), 60 Wall, New York
Fuerst Bros. & Co. (Imp), 2 Stone, New York
Gross Otto (Imp), 66 Beaver, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York and Philadelphia
Hill & Griffith Co., 1248 State, Cincinnati, Ohio and Birmingham, Ala.
See adv index at end of book
Ilsley Doubleday & Co., 229 Front, New York
Kelly T. P. & Co. (Inc.), (Imp. "Ceylon"), 355 W 26th, New York
McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.
McCullough-Dalzell Crucible Co., 36th & A. V. R. R., Pittsburgh, Pa.
Midvale Mining & Mfg. Co., Central Natl. Bank bldg, St. Louis, Mo.
Obermayer S. Co., 2563 W 18th, Chicago, Ill.
Paterson-Boardman & Knapp, 10 Bridge, New York
Pettinos Chas. E. (Refiners & Grinders), 25 Church, New York
Salomon L. A. & Bro., 216 Pearl, New York
Smith Facing & Supply Co. ("Corona"), Carter rd, Cleveland, O.
Springfield Facing Co., Springfield, Mass.
See adv index at end of book
Stevens Frederick B. (East India Flake), 3d & Larned, Detroit, Mich.
Taunton Crucible Wks. (Pure Ceylon Graphite for Stove Dealers' Use), Taunton, Mass.
Tennant C. Sons & Co. of N. Y. (Imp.), 100 William, New York
United States Graphite Co., Saginaw, Mich.
Woodison E. J. Co. (Ceylon & East India), Detroit, Mich.

Plumbers' Brass Goods Mfrs.

See the Specific Article Required

Plumbers' Cabinet Work

See Plumbers' Wood Work

11249—Plumbers' Charts & Estimate Books

Starbuck R. M. & Sons, Hartford, Conn.

11250—Plumbers' Marble Work

See also Marble Interior Work

Batterson & Eisele, Main Office & Works, Edgewater, N. J.
Bowker, Torrey Co., 158A, Boston, Mass.
Bradbury Marble Co., 4165 Duncan, St. Louis, Mo.
Buess Wm., 312 E 95th, New York
Butler Philip H. & Co., 197 B S, Boston, Mass.
Cascio S., 1259 Flushing av, Brooklyn, N. Y.
Christa Marble Co., Detroit, Mich.
Clow James B. & Sons, Franklin & Harrison, Chicago, Ill.
Eschmann B. & J., 412 E 37th, New York
Evans Marble Co., Shell & Dock, Baltimore, Md.
Fair Haven & Marbleized Slate Co., Fair Haven, Vt.
Georgia Marble Finishing Works, Canton, Ga.
Grant Marble Co., 27th & Canal, Milwaukee, Wis.
Hilgartner Marble Co., S Sharp & Ostend, Baltimore, Md.
Jacoby & Son Co., 2025 Market, Phila., Pa.
Kennesaw Marble Co., Marietta, Ga.
Klaber A. & Son, 211 Vernon av, Long Island City, N. Y.
Livingston Jas, 163 E 88th, New York
McGratty & Sons, 313 Butler, Brooklyn, N. Y.
McLaury D. H. Tile Co., 103 Park av, New York
Marthens Chester N., Marble Co., W 53d & Wallace, Chicago, Ill.
Northwestern Marble & Tile Co., 27th av S & 27th, Minneapolis, Minn.
Peoria Stone & Marble Works, Peoria, Ill.
Pickel Marble & Granite Co., 1901 N B'way, St. Louis, Mo.
Rutland Marble & Granite Co., Rutland, Vt.
Shipway J. H. & Bro., Locust av & 136th, New York
Sickles Geo. B. Marble Co., Tate, Ga.
Standard Marble Works (John M. Mueller, Jr., Prop.), 706 W Front, Cincinnati, O.
Troy Bros. & Co., 975 Mass av, Rox., Boston, Mass.
Vermont Marble Co., Proctor, Vt.

Plumbers' Porcelain Ware Mfrs.

See Bath Tubs, Porcelain

11251—Plumbers' Rubber Goods

See also Rubber Manufacturers

Akron Rubber Mold & Machine Co., Akron, Ohio
Anderson Rubber Works (Valve Seats & Cups), Anderson, Ind.
Canfield H. O. Co., Bridgeport, Conn.
Canfield Rubber Co. ("Redtex," "Blackrock"), Bridgeport, Conn.
Central Rubber & Supply Co., 201 N West, Indianapolis, Ind.
Consolidated Rubber Co., Trenton, N. J.
Elkhart Rubber Works, Elkhart, Ind.
Empire Tire & Rubber Corp., Trenton, N. J.
Essex Rubber Co., Trenton, N. J.
Goodrich B. F. Co., Akron, O.
Hamilton Rubber Mfg. Co., Trenton, N. J.
Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mattson Rubber Co., Lodi, N. J.
New York Belting & Packing Co., 91 Chambers, New York
Peerless Rubber Mfg. Co., 31 Warren, New York
Pennsylvania Rubber Co., Jeannette, Pa.
Republic Rubber Co., Youngstown, O.
Revere Rubber Co., Chelsea, Mass.
Schacht Rubber Mfg. Co., Huntington, Ind.
Western Rubber Co., Goshen, Ind.

11252—Plumbers' Sanitary Earthenware Mfrs.

Abingdon Sanitary Mfg. Co., Abingdon, Ill.
Acme Sanitary Pottery Co., Trenton, N. J.
Alliance Co., 1924 Clybourn av, Chicago, Ill.
American Sanitary Works ("B. O. T."), Washington, N. J.
Bellmark Co., Trenton, N. J.
Bowers Pottery Co., Mannington, W. Va.
Camden Pottery Co., Camden, N. J.
Cochran, Drugan & Co., Trenton, N. J.
Douglas John Co. Carthage, Cincinnati, O.
Ebinger D. A. Sanitary Mfg. Co., 181 Lucas, Columbus, O.
Economy Pottery Co., Trenton, N. J.
Elite Pottery Co., Trenton, N. J.
Eljer Co., Cameron, W. Va.
Florentine Pottery Co., Chillicothe, O.
Ford's Porcelain Works, Perth Amboy, N. J.
Helfrich Pottery Co., Evansville, Ind.
Ironsides Pottery Co., Bordentown, N. J.
Jackson Potteries Co. (Vitreous China), Fulton bldg, Pittsburgh, Pa.
Keystone Pottery Co., Trenton, N. J.
Kokomo Sanitary Mfg. Co., Kokomo, Ind.
Maddock John & Sons, Trenton, N. J.
Maddock's Thos. Sons Co., Trenton, N. J.
Mercer Pottery Co., Trenton, N. J.
Monument Pottery Co., Trenton, N. J.
National Pottery Co., Evansville, Ind.
N. J. China Pottery Co. ("Codru"), Trenton, N. J.
Pacific Porcelain Ware Co., 67 New Montgomery, San Francisco, Cal.
Resolute Pottery Co., Trenton, N. J.
Sanitary Earthenware Specialty Co. ("Sesco" Vitreous), Trenton, N. J.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Standard Sanitary Pottery Co., Elizabeth, N. J.
Trenton Fire Clay & Porcelain Co., Trenton, N. J.
Trenton Potteries Co., Trenton, N. J.
Universal Sanitary Mfg. Co. (Vitreous China Tanks, Closets, Urinals, etc), New Castle, Pa.
Wheeling Sanitary Mfg. Co., Wheeling, W. Va.

11253—Plumbers' Seamless Tubing, in Brass, Copper & Nickel Plated

AMERICAN BRASS CO. (Also Benedict Nickel), Waterbury Conn.
For branch offices see adv index at end of book
American Tube Works, 10 Oliver, Boston, Mass.
Bridgeport Brass Co., Bridgeport, Conn.
Cleveland Brass & Copper Mills (Inc.), 321-24 Guardian bldg, Cleveland, O.
Hungerford U. T. Brass & Copper Co. (Brass & Copper), 80 Lafayette, New York
Randolph-Clowes Co., Waterbury, Conn.

Plumbers' Slate Work

See Slate Urinals, Slabs, etc; also Laundry Tubs, Slate.

11254— Plumbers' Soil

Colebrook's W. H. Son ("Colebrook's"), Syracuse, N. Y.
Johnson Wm. (Hedenberg Works), Newark, N. J.

11255—Plumbers' Supplies, Jobbers

See also Steam Fitters' Supplies, etc.

For the manufacturers of all kinds of Plumbing Specialties, see the Specific Article Required

ALABAMA.

BIRMINGHAM—Crane Co. (of Chicago)
Jefferson Plumbers' & Mill Supply Co.

ARIZONA.

PHOENIX—Mulrein J. H. Plumbing Supply Co.

ARKANSAS.

FT. SMITH—Meister Bros.-Bracht Co.
LITTLE ROCK—Crane Co.

CALIFORNIA.

LOS ANGELES—Boynton H. R. Co., 216 N Los Angeles
Busch A. H. Co., 150 N Los Angeles
Crane Co., 321 E 2d
Harper & Reynolds Co., 152 N Main
Holbrook, Merrill & Stetson, 200 S Central av
Morton F. B., 515 E 31st
Turner G. H. Co., 1052 N. Alameda
OAKLAND—Crane Co. (of Chicago)
Kinney R. W. Co.
SACRAMENTO—Miller-Enwright Co.
SAN DIEGO—Western Metal Supply Co.
SAN FRANCISCO — California Steam & Plumbing Supply Co., 671 5th
Crane Co., 2d & Bramon
Dalziel-Moller Co., 556 Mission
Dunham Carriagan & Hayden Co., Kansas & Division
Haines, Jones & Cadbury Co. (of Phila., Pa.), 351 Folsom
Holbrook, Merrill & Stetson, 6th & Bluxome
Kinney R. W. Co.
Mark-Lally Co., 2d & Tehama
Montague W. W. & Co., 577 Market
Nelson H. O. Mfg. Co., Howard
Owl Plumbing Supply Co., 967 Mission
Pacific Sanitary Mfg. Co., 67 New Montgomery
Standard Sanitary Mfg. Co., 149 Bluxconde
Stulsoft M. Co., 647 Missouri
Tay Geo. H. Co., 599 Mission

COLORADO.

DENVER—Hedges-Atkins Supply Co.
O'Fallon M. J. Supply Co.
Wolff L. Mfg. Co. (of Chicago), 1533 Blake

CONNECTICUT.

BRIDGEPORT—Bridep't Plumbing Supply Co.
DANBURY—Hull F. A. & Son
EAST NORWALK—Norwalk Mfg. Co.
HARTFORD — Eastern Plumbing Supply Co.
Little M. S. Manufacturing Co., Allyn & High
Plimpton & Hills Corp.
Traut Thomas
NEW HAVEN—Mersick C. S. & Co.
Peck Bros. & Co.
NORWICH — Norwich Plumbing Supply House
STAMFORD—Cohn Wm.
WATERBURY—Daly M. J. & Sons

DELAWARE.

WILMINGTON—Delaware Electric & Supply Co., 213 Shipley
Speakman Supply & Pipe Co.

DISTRICT OF COLUMBIA.

WASHINGTON — Cunningham Plumbing Supply Co., 1234 Pennsylvania av, N W
Latterner Arthur, 602 Penna. av, N W
Mitchell John Jr. Co., 1000 Pennsylvania
Schafer E. G. & Co., 218 13th, N W
Somerville Thos. Co., 312 13, N W

FLORIDA.

JACKSONVILLE—Hubbard S. B. Co.
PENSACOLA—Born Chas. A.
TAMPA—Coates Plumbing Supply Co.

GEORGIA.

ATLANTA—Crane Co.
General Supply Co.
Lowry Co.
AUGUSTA—McAuliffe T. G.
COLUMBUS—Columbus Iron Works
ROME—Rome Supply Co.
SAVANNAH—Haines, Jones & Cadbury Co. (of Phila., Pa.)
McKenna Jas. H.
Savannah Supply Co.
Weed J. D. & Co. (Pipe & Fittings)

HAWAII.

HONOLULU—Honolulu Iron Works Co.

ILLINOIS.

BLOOMINGTON—Keiser-Van Leer Co.
CHICAGO—Block Mandel & Co., 1151 W 12th
Brooks Mfg. Co. (Specialties), 2946 W Lake
Clow Jas. B. & Sons, Franklin & Harrison
Crane Co., (Est. 1855), 836 S. Michigan av
For branch offices see Alphabetical Section
Davies Supply Co., 412 W Ontario
Deschauer Co., 1345 Blue Island av
Enterprise Plumbing Supply Co., 26 W Kinsey
Federal-Huber Co., 234 N Halsted
Fulton Supply Co., 1600 Fulton
Geary Andrew J., 9311 Baltimore av
Goetz Brass Co., 630 N Franklin
Gollner Phillip Co., W 33d & Archer av
Hardin-Lavin Co., 4543 Cottage Grove av
Henion & Hubbell, 219 N Jefferson
Hoelscher Bros., 1301 W Division
Illinois Malleable Iron Co., 1801 Diversey blvd
See adv index at end of book
Karol B. Y., 800 S Kedzie av
Kellogg-Mackay Co., 403 W 18th
National Plumbing & Heating Supply Co., 6044 S State
Quinn Supply Co., 29 South Western av
Weil Bros., 651 W Lake
Weir & Craig Mfg. Co., 2421 Wallace
Western Plumbing Supply Co., 119 N Desplaines
Whitney & Ford, 4315 Cottage Grove av
Wolff L. Mfg. Co., 111 N Dearborn
DANVILLE—Inland Supply Co.
DECATUR—Field & Shorb Co.
PEORIA—Kinsey & Mahler Co.
Nailon Bros. Co.
ROCKFORD—Rockford Brass Works
ST. CHARLES—Glenn Mfg. Co. (Iron Goods)

INDIANA.

ANDERSON—May Supply Co.
FORT WAYNE—National Mill Supply Co.
P. & H. Supply Co.
INDIANAPOLIS—Central Supply Co.
Van Camp Hardware & Iron Co.
KOKOMO—Kokomo Hardware Co.
LAFAYETTE—Biggs B. F. Pump Co.
LOGANSPORT—Baker Specialty & Sup. Co.
MUNCIE—Keiser Geo. & Co.
TERRE HAUTE—Crane Co. (of Chicago)
UNION CITY—Knapp Supply Co.

IOWA.

CEDAR RAPIDS—Cedar Rapids Pump Co.
Chandler Pump Co.
DAVENPORT—Crane Co. (of Chicago)
DES MOINES—Beckman Bros.
Crane Co. (Of Chicago)
Globe Machinery & Supply Co.
Kurtz L. H. Co.
DUBUQUE—Dubuque Sanitary Mfg. Co.
Kretschmer Mfg. Co.
McDONALD A. Y. MFG. Co. (Mfrs)
FORT DODGE—Leighton Supply Co.
MASON CITY—Hawkeye Supply Co.
Mason City Supply Co.
SIOUX CITY—Crane Co.
Wigman Co.
WATERLOO—Waterloo Mfg. Co.

KANSAS.

ATCHISON—Thayer Supply Co.
WICHITA—Crane Co. (of Chicago)
Martin Metal Mfg. Co.

KENTUCKY.

LOUISVILLE—Ahrens & Ott Mfg. Co. (Inc.)
Laib Co.
Vogel P. A. & Sons

LOUISIANA.

NEW ORLEANS—Ahrens & Ott Mfg. Co., 846 Baronne
Fairbanks Co. Camp & St. Joseph (of New York City)
Manion & Co., 618 Baronne
Plumbing & Mill Supply Co., 840 Baronne
Standard Supply Co., 420 Carroll

MAINE.

BANGOR—Dunning R. B. & Co.
PORTLAND—Blake W. L. & Co.
Smith & Abbott Co.

MARYLAND.

BALTIMORE—Central Metal & Supply Co., 611 E Lombard
Crane Co. (of Chicago)
Crook-Horner Supply Co., 11 Balderson
Cuyler & Mohler, 611 William
Krauss & Roberts, cor Baltimore & Eden
Neser & Quinn Co., Lexington & Green
Robertson Jas. Mfg. Co., 108 Hopkins pl
Southern Supply Co., Calvert & Sara
HAGERSTOWN—Reichard Supply Co.

MASSACHUSETTS.

BOSTON—Barrett Jas Mfg. Co., 117 Pearl
Bradlee & Chatman, 54 Canal
Braman, Dow & Co., 239 Causeway
Brown Waales Co., 489 C.
Butler Edmund F. & Co., 80 Pearl
Crane Co. (of Chicago) 48 W 1st
Dalton-Ingersoll Mfg. Co., 52 Chauncy
Daly Plumbing Supply Co., 93 Cummings
Dececo Co., 157 High
Estabrook's R. Sons, 202 1st
See adv index at end of book
Gallison Wm. H. Co., 399 Atlantic av
Gilchrist, Geo. E. Co., 106 High
Hercules Iron & Supply Co., 473 Atlantic av
Hubbard W. B. & Sons Co., 176 Oliver
Locke, Stevens & Co., 94 Warrenton
Manufacturing Equipment & Engineering Co., 136 Federal
Sanitary Fixtures Co., 275 Congress
Sullivan Daniel P., Jr., 250 Congress
Sumner & Gerald, 287 Congress
Thompson Durkee Co., 92 High
Webb F. W. Mfg. Co., 56 Elm
Whitehead Metal Products Co. (Brass Plumbing Supplies), 67-73 Washington, North
See adv index at end of book
Young Jos. H. Co., 82 High
CAMBRIDGE—Cambridge Plumbing Supply Co.
Corcoran Supply Co., 62 Albany
HOLYOKE—Holyoke Supply Co.
LOWELL—Hobson & Lawlor Co.
LYNN—Bourneuf Louis Corp.
NEW BEDFORD—Watson-Penfield Corp.
Wood, Brightman & Co.
SOMERVILLE—Ideal Supply Co.
SPRINGFIELD—Crane Co. of Springfield
New England Plumbing Supply Co.
WORCESTER—Baker Lead Mfg. Co.
Desper H. A. (Specialties), 16 Foster

MICHIGAN.

BAY CITY—Alert Pipe & Supply Co.
DETROIT—Colwell-Ideal Corp., Franklin & Dubois
Detroit Lead Pipe Works
Harvey's A. Sons Mfg. Co.
Kimball-Eisenberg Co.
Lukomski Bros. Co., 2480 E Grant blvd
McCormick Plumbing Supply Co., 179 Baker
McRae & Roberts Co.
See adv index at end of book
Michigan Plumbing Supply Co., 256 Jefferson av
Park & McKay, 55 Bagley av
Sales Murray W. & Co., 76 Jefferson av
Walker Mfg. & Supply Co., Shelby & Woodbridge
GRAND HAVEN—American Brass Novelty Co.
GRAND RAPIDS—Ferguson Supply Co.
JACKSON—Central Distributing Co.
LANSING—Michigan Supply Co.
SAGINAW—Alert Pipe & Supply Co.

MINNESOTA.

DULUTH—Crane & Ordway Co.
Duluth Plumbing Supplies Co.
MINNEAPOLIS—Central Supply Co., 312 S 3rd
Crane Co. (of Chicago)
Gilmore D. M. Co., 515 S 3d
National Mfg. & Supply Co., 256 3rd av
Rollins Sim D. & Co.
Roberts-Hamilton Co., 413 S 4th
ST. PAUL—Cochran-Sargent Co., 182 E 6th
Crane & Ordway Co. (of Chicago)
Union Brass & Metal Mfg. Co., Lawson & Mackubin
Western Supply Co., Park Square

MISSOURI.

JOPLIN—Plumbers Supply Co.
KANSAS CITY—Crane Co. (of Chicago),
Kansas City Pump Co., 1314 W 10th
Reeves Supply Co., 1304 McGee
Southwest Plumbing Supply Co., 2030 Walnut
United States Water & Steam Supply Co.
Young W. B. Supply Co.
ST. JOSEPH—Horigan Supply Co.
Howe W. B. Supply Co.
ST. LOUIS—Cahill-Swift Mfg. Co.
Crane Co. (of Chicago)
Monument Plumbing Supply Co., 2635 Locust
Nelson N. O. Mfg. Co., 10th & Chestnut
Rumsey L. M. Mfg. Co., 810 N 2d
SPRINGFIELD—Cooper Harry Supply Co.
Springfield Plumbing Co.

NEBRASKA.

LINCOLN—Cornell-Searl Co.
Western Supply Co.
OMAHA—Crane Co. (of Chicago)
Omaha Sanitary Supply Co.
United States Supply Co.
Wolff L. Mfg. Co.

NEW HAMPSHIRE.

MANCHESTER—Manchester Supply Co.
Trudell Geo. E. Co.

NEW JERSEY.

ATLANTIC CITY—Atlantic City Plumbing Supply Co.
BAYONNE—Bayonne Supply Co.
ELIZABETH—Elizabeth Hardware Co.
GUTTENBERG—Herrmann F. W. Co.
JERSEY CITY—Jersey City Supply Co., 12 Mercer
Letcher R. J. & Son, 191 Morgan
Perkins Arthur L., 144 12th
Ringle Roofing & Plumbing Co., 83 Newark av
NEWARK—Crane Co., 84 Mechanic
Egbert W. V. & Co., 35 Mechanic
Howard Plumbing Supply Co., Howard & Mercer
ROE & CONOVER, 206 Frelinghuysen av *See adv index at end of book*
PATERSON—McNab & Harlin Mfg. Co.
Quinn Bros.
Smith Abe
TRENTON—Katzenbach F. S. & Co.
Standard Supply & Equipment Co., 143 W Warren
Warren, Balderston & Co.
WEEHAWKEN—Berger Edw. W. & Bro.

NEW YORK.

ALBANY—Hoy & Co.
BUFFALO—Buffalo Plumbing Supply Co., 665 Fillmore av
Bushnell Clarence E.
Case W. A. & Son Mfg. Co.
Dixon & Ballou, 37 Carroll
Hamill D. L. Co., 60 Delaware av
Schaefer & Co.
Warren & Dellwardt Co., 109 Seneca
ELMIRA—Le Valley-McLeod-Kinkaid Co.
Sweet A. L. Iron Works (Castings), 141 Glenwood av
KINGSTON—Canfield Supply Co.
LOCKPORT—M. A. Connor (Specialties)
NEW ROCHELLE—Dimock & Fink Co.

NEW YORK CITY.

Borough of Brooklyn.

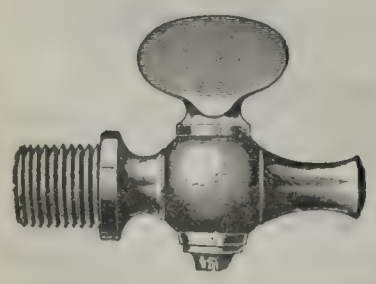
BROOKLYN—American Plumbing Mfg. Co., 164 Atlantic av
Bishop's Wm. Sons (Marine Tintures), 724 3d av
De Laney Thos. M., 576 Atlantic av
Jacobs Geo. P. & Co., 274 S 9th
McElraevy & Hauck Co., 440 B'way
Sackin & Levinson Co., 523 Atlantic av
Smyth-Donegan Co., 247 St. Marks av
Thill A. P. Co., 1035 Putnam av
Williamsburg Plumbing Supply Co., 3 Moore

Boroughs of Manhattan and Bronx.

NEW YORK—Adee Fred Co., 3 Cliff
Behrer Arnold & Sons, 273 Pearl
Behrer & Co., 81 Beekman
Beith & Reilly Co., 2475 3d av
Blue & Queripel Co., 2360 3d av
Bronx Supply Co., 335 E 142d
Campbell Supply Co., 570 Columbus av
Central Plumbers Supply Co., 252 Pearl
Cornell & Underhill, Greenwich & Spring

HIGH GRADE BRASS GOODS

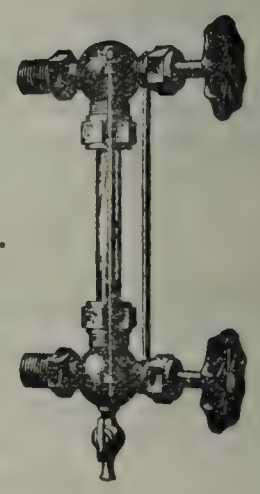
FOR STEAM, WATER AND GAS



Water Gauges
Gauge Cocks
Air Cocks
Cylinder Cocks

Steam Cocks
Gas Service Cocks
Priming Cocks
Compression Bibbs and Stops
Ground Key Bibbs and Stops

Gas Stove Cocks
Pop Safety Valves
Brass Fittings
Etc.



The McRAE & ROBERTS CO.

Detroit, Michigan

Crane Co. (of Chicago), 490 Cherry
Dimock & Fink Co., 220 E 125th
Driggs C. V., Inc., 160 E 56th
Du Bois F. N. & Co., 247 9th av
Durst Mfg. Co., 105 Chambers
General Supply & Equip. Co., 459 Canal
Glauber Sam S., 242 E 79th
Harlem Supply Co., 116 E 124th
Heights Plumbing Supply Co., 495 W 145th
Hotchkiss Vail & Garrison Co., 104 E 41st
Hungerford U. T. Brass & Copper Co., 80 Lafayette
Hussey W. H. & Son, 148 W 35th
Interboro Plumbing Supply Co., 3923 3d av
Johnson J. D. Co., 54 Cliff
Kamerman I., 1660 Park av
Keating E. F. Co., 446 Water
Lilien & Charyn, 430 W B'way
McLoughlin & Donovan, 47 Cliff
McMann & Taylor Co., 104 John
See adv index at end of book
McShane Bell Fdy. Co., 50 Church
Malbin Mayer, 303 E 60th
Meyer-Sniffin Co., 11 W 36th
Murray Jno. A. & Co., 310 W 39th
NASON MFG. CO., 71 Fulton
See adv index at end of book
Oliver Bros Inc., 71 Murray
Peck Bros. & Co. (of New Haven, Conn.), 219 W 49th
PIERCE, BUTLER & PIERCE MFG. CORP., 437 E 162d
Simmons John Co., 110 Centre
Smolka Edw. Plumbing Supply Co. (Inc.), 231 E 33d
Standard Plumbing Supply Co., St. Anns av & 159th
Stein Henry (Mfrs.' Agent), 48 Cliff
Swain Frank E. (Specialties), 69 Beekman
Trumpbour-Whitehead Brass & Copper Co. (Brass Plumbing Supplies), 309-311 Canal
See adv index at end of book
United Plumbers' Supply Co., 181 E 108th
Walsh & Hartwig, 217 E 58th
Weissberg Chas., Plumbing Supply Co., 158 Stanton

End of New York City

ROCHESTER—Ford R. T. Co., South
Hunting Co.
Sloan Samuel & Co.
SYRACUSE—Foley Supply Co.
TROY—Aird-Don Co.
UTICA—Millar Chas. & Son Co.
Utica Plumbing Supply Co.
WATERTOWN—Hunting Co.
Weekes Jno. & Son Co.
Wise J. B., Inc. (Mfrs.)
YONKERS—Yonkers Plumbing Supply Co.

NORTH DAKOTA.

FARGO—Crane & Ordway Co.

OHIO.

CANTON—Chapman Plumbing Supply Co., 204-208 W 3rd S W
CINCINNATI—Crane Co. (of Chicago), Est. 1855, 824 B'way
Douglas Jno. Co., Carthage
King Walter E. Co., 115 W 3rd
McDonald Jas. & Sons Co.
Merkel Bros. Co., Canal & Jackson
Murdock Mfg. & Supply Co., 426 Plum
CLEVELAND—Best Mfg. Co., 4610 St. Clair av
Cleveland Plumbing Supply Co., 1017 Walnut
Federal Brass Mfg. Co. (Also Mfg. Brass Goods), 1000 Champlain av N W
Fisher E. W. Co., 811 Superior av, N E
Kennedy Co., Euclid av
Paramount Brass & Mfg. Co. (Specialties), 2187 E 2d
Rivitz H. S. & Co., 2112 Ontario
Standard Mfg. Co., 4425 Euclid av
Welker Supply Co., 6504 Carnegie av, S E
Worthington Geo. Co., 802-832 St. Clair av N W
COLUMBUS—Ascher Supply Co., 288 N High
Columbus Supply Co., 37 W Spring
Plumbers' & Factory Supply Co., 33 E Spring
Scioto Valley Supply Co.
Westwater Supply Co., 150 N 3d
DAYTON—Dayton Supply Co.
Gibbons M. J. Supply Co.
LIMA—Good Tool & Supply Co.
MANSFIELD—Hughes Supply Co.
NEWARK—Universal Supply Co.
NEW PHILA—Sharp Mfg. & Supply Co.
NORWALK—Gfell Jno. H. & Co.
PORTSMOUTH—Standard Supply Co.
ST. MARYS—Jasperson Supply Co.
TIFFIN—Crobaugh & Dahm Hardware Co.
TOLEDO—American Plumbers' Supply Co.
Grosswiller Jos. F. Co., 430 Huron
Ohio Plumbers' Supply Co.
ZANESVILLE—Roekel Co.

OKLAHOMA.

MUSKOGEE—Atlas Supply Co.
OKLAHOMA—Crane Co. (of Chicago)

OREGON.

PORTLAND—Crane Co. (of Chicago)
Gauld Co., 69 N 12th
Kline M. L. 84 Front
Peerless Pacific Co., 6 N Front

PENNSYLVANIA.

ALTOONA—Standard Supply & Equipment Co.
CHESTER—Turner Supply Co.
CONSHOHOCKEN—Case W. A. & Son Mfg. Co.
DANVILLE—Danville Hardware & Supply Co.
ERIE—Standard Pipe & Supply Co.
HARRISBURG—Appleby Bros. & Whittaker Co.
Mather E. Co.
LANCASTER—Sheet Metal & Supply Co.
PHILADELPHIA—Blessing C. A., 516 Montgomery av
Butterworth Supply Co. (Sundries), 4200 Kensington av
Cooper Sanitary Mfg. Co., 34th & Chestnut
Crane Co. (of Chicago), 22 S 5th
Fleck Bros. Co., 44 N 5th
Ford & Kendig Co., 312 W 24th
Freedman, Small & Co., 623 S 6th
Froelich Bros., 142 N 7th
Haines Jones & Cadbury Co., 1136 Ridge av
Haynes-Thompson Co., 2107 Vine
Keystone Supply & Mfg. Co., 917 N 9th
McCambridge Co., 315 No 20th
Penn. Pottery Co., Westmoreland & Tulip
Perkes Chas. Co., 627 Arch
Rainear C. J. & Co., 518 Arch
Savill's Thos. Sons, 1310 Wallace
Schaffer Chas. W. Co., 3214 Chestnut
Shuster Plumbing Supply Co., Willow & Franklin
Trumpbour-Whitehead Brass & Copper Co. (Brass Plumbing Supplies), 43 No 7th
See adv index at end of book
Walls, Owen & Stambach Co., 11th & Hamilton
PITTSBURGH—Anchor Sanitary Co., 123 3d av
B. B. Specialty Co., Phipps Power bldg
Bailey-Farrell Mfg. Co., 3d av & Ross
Bowman Supply & Mfg. Co., 890 Main
Fort Pitt Supply Co., 332 2d av
Harris Pump & Supply Co., 320 2d av
Kelly & Jones Co., 135 Water
Manufacturers Distributing Co., 325 Penn. av
Standard Mfg. Co., 439 Water
Standard Supply & Equipment Co., 29 & Smallman
POTTSTOWN—Fegely J. & Son
POTTSVILLE—Bright Geo. Hardware Co.
Pottsville Supply Co.
READING—Bright & Co.
Reading Foundry & Supply Co.
SCRANTON—Gunster Bros.
Scott Chas. B. Co.
Weeks R. E. Co.
SHAMOKIN—Sanner Hardware Co.
TITUSVILLE—Kernochan & Co.
WILKES-BARRE—Eastern Pennsylvania Supply Co.
Wyoming Valley Supply & Mfg. Co.
YORK—Small P. A. & S. Co.
YOUNGWOOD—Robertshaw Mfg. Co.

RHODE ISLAND.

PROVIDENCE—Peck Benj. T., 251 Eddy
Phillips Lead & Supply Co., 91 S Main
Providence Plumbing Supply Co., 241 W Exchange
Rhode Island Supply & Sprinkler Co., 156 West Exchange
Tillinghast L. H. Supply Co., 162 Dorrance

SOUTH CAROLINA.

CHARLESTOWN—Bailey-Lebby Co.
Cameron & Barkley Co.
COLUMBIA—Southern States Supply Co.

SOUTH DAKOTA.

SIOUX FALLS—Plumbing Supply Co.
WATERTOWN—Crane & Ordway Co.

TENNESSEE.

CHATTANOOGA—James Supply Co.
KNOXVILLE—Crane Co.
McClung C. M. & Co.
MEMPHIS—Crane Co. (of Chicago)
NASHVILLE—Case W. A. & Son Mfg. Co.
Gray & Dudley Hardware Co.

TEXAS.

DALLAS—Ahrens & Ott Mfg. Co.
Wolff L. Mfg. Co.
EL PASO—Momsen-Dunnegan-Ryan Co.
HOUSTON—Keithly Co.
Nelson N. O. Co.
PARIS—Collins & Moore
SAN ANTONIO—Aherns & Ott Mfg. Co.

UTAH.

SALT LAKE CITY—Crane Co. (of Chicago)
Nelson Jos. Supply Co.
West Co.

VERMONT.

RUTLAND—Lincoln Iron Works

VIRGINIA.

HAMPTON—Booker H. R. & Co.
NORFOLK—Lum A. L. & Co.
Seaboard Supply Co.
Standard Supply & Equipment Co.
Virginia-Carolina Supply Co.
RICHMOND—McGraw-Yarbrough Co.
Virginia-Carolina Supply Co.

WASHINGTON.

SEATTLE—Bowles Co., 107 Jackson
Crane Co. (of Chicago)
Hambach A. Co., 1st av S & King
SPOKANE—Crane Co. (of Chicago)
Holley-Mason Hardware Co.
Hughes & Co.
TACOMA—Crane Co. (of Chicago)
Walsh & Gardner Co.

WEST VIRGINIA.

WHEELING—Trimble & Lutz Supply Co.

WISCONSIN.

GREEN BAY—Murphy Supply Co.
LA CROSSE—La Crosse Plumbing Supply Co.
Roosevelt W. A. Co.
MILWAUKEE—Dengel F. R. Mfg. Co., 336 4th
Hoffman B. Mfg. Co. (Brass Goods), 257 6th
Hoffman & Billings Mfg. Co., 100 2nd
McNally C. W. Co., 199 E Water
Rom Robt. Co., 1023 St. Paul av
Rundle-Spence Mfg. Co., 63 2d
Wisconsin Plumbing & Heating Supply Co., 298 Reed

11256—Plumbers' Wood Work

For Jobbers of this Trade see Plumbers' Supplies, Jobbers

American Woodwork Mfg. Co. (White & Varnished), Evansville, Ind.
B R E Mfg. Co. ("B R E" Closet Seats & Tanks), Hyde Park, Mass.
Becker Mfg. Co., The ("Beco" White, "Hercules" Seat), Marietta, O.
Berglas M. P. Mfg. Co., 10 Fulton, Brooklyn, N. Y.

PLUMBERS' WOOD WORK—continued

Budde Mfg. Co., 4 Summer, San Francisco, Cal.
Burlington Venetian Blind Co., Burlington, Vt.
Burrows Wm. Mfg. Co., 430 Kent av, Brooklyn, N. Y.
Church C. F. Mfg. Co. ("White Pyralin"), Holyoke, Mass.
Climax Sanitary Co. ("Climax" Lock Joint), Detroit, Mich.
Columbus Brass Co. ("Fibro" Seats & "Simplex" Tanks), 538 Dublin av, Columbus, O. *See adv index at end of book*
Concord Woodworking Co., Concord, N. H.
Coyne & Delany Co., 832 Kent av, Brooklyn, N. Y.
Detroit Bath Tub & Brass Co., Detroit, Mich.
Douglas Jno. Co., Carthage, Cincinnati, O.
Eichman J. C. Mfg. Co. ("Hammerlock"), Bush & Wicomico, Baltimore, Md.
Emery Wm. S. ("Non-Split"), 118 E 28th, New York
Federal-Huber Co., 234 N Halsted, Chicago, Ill.
Ferguson Supply Co., Grand Rapids, Mich.
Findeisen & Kropf Mfg. Co., 2559 W 21st, Chicago, Ill.
Heap Wm. & Sons (Seats, Tanks, Low-down Tanks, Export English Pattern), Grand Haven, Mich.
Ideal Mfg. Co. (Seats & Tanks), Franklin & Dubois, Detroit, Mich.
James Mfg. Co., Canton, Ohio
Knott Mfg. Co., Tell City, Ind.
Leclaire Cabinet Works, Edwardsville, Ill.
Leclaire Mfg. Co., Edwardsville, Ill.
McLane Mfg. Co., Milford, N. H.
Miller Chas. A. Co. (Seats & Tanks), Sturgis, Mich.
Never-Split Seat Co. ("Never-Split" Closet Seats), Evansville, Ind.
Olmstead-Thomson Mfg. Co., New Britain, Conn.
Park & McKay, 55 Bagley av, Detroit, Mich.
Patterson-Kiser Seat Co. ("Allright"), Greensboro, N. C.
Peerless Tank & Seat Works, Evansville, Ind.
Pfau Mfg. Co., Mentor & Huston, Norwood, Cincinnati, O.
Phila. Sheet Metal & Wood Works, 108 Reed, Phila., Pa.
Plumbers' Woodwork Co. ("Badger"), Algoma, Wis.
Plymouth Mfg. Co., Plymouth, Ind.
Raebeck & Zimtbaum, 100 Jewell, Brooklyn, N. Y.
Shwab Bros. Co. ("Never-Break"), 811 E 9th, New York
Sillcocks-Miller Co. ("Celluvarno"), South Orange, N. J.
Standard Sanitary Mfg. Co. (Celluloid Covered & Plain Seats), Bessemer bldg, Pittsburgh, Pa.
Swain-Carpenter Co., 7th & Morris, Phila., Pa.
Thompson Mfg. Co., Holland, Mich.
Van Arnam Mfg. Co., Fort Wayne, Ind.

11256a— Plumbs

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

11257—Plumes (Horse Hair)

Bevin Bros. Mfg. Co., E. Hampton, Conn.
Gem Hammock & Fly Net Co., 326 Florida, Milwaukee, Wis.
Rauschenberger John Co., 87 W Water, Milwaukee, Wis.
Wallace F. J. Co. (For Sleighs), Meriden, Conn.

11258— Plungers (Lime)

Emrich Phil., 824 Main, Cincinnati, O.

11259— Plungers (Pump)

Birdsboro Steel Foundry & Machine Co. (Chilled Iron, Ground & Finished), Birdsboro, Pa.

11260— Plushes

American Velvet Co. (Silk), Stonington, Conn.
Astoria Silk Works (Silk), 727 Steinway av, Long Island City, N. Y.
Baker A. T. & Co. (Cotton & Mohair), Main & Carson, Phila., Pa.
Baxter, Kelley & Faust (Cotton), 29 E 19th, New York
Blumenthal Sidney & Co. (Silk, Cotton & Mohair), Shelton, Conn.
Brookside Mills, Knoxville, Tenn.
Chase L. C. & Co. ("Goat" Brand Mohair & Car), 89 Franklin, Boston, Mass. *See adv index at end of book*
Cheney Bros. (Silk Dress), So. Manchester, Conn.
Collins & Aikman Co. (Cotton, Linen, Mohair & Car), 4675 Nixon, Phila., Pa.
Contrexeville Mfg. Co. (Cotton, Flax & Jute), Manville, R. I.
Dobson J. & J. (Velvet, Silk, Mohair, Seal & Cotton Plushes), Falls Schuylkill, Phila., Pa.
Eagle Mills (Cotton), Woonsocket, R. I.
Genessee Textile Co. (Wool & Cotton), Rochester, N. Y.
Holyoke Plush Co., Holyoke, Mass.
Lees Daniel (Estate of) (Cotton Upholstery Velours), Glen Riddle, Pa.
Mass. Mohair Plush Co. (Mohair Car & Furniture), 200 Devonshire, Boston, Mass.
Mianus Mfg. Co. (Woolen for Cloakings, Shoes, Gloves, etc.), Coscob, Conn.
Oxford Plush Mills (Verona Plushes), Front & Oxford, Phila., Pa.
Pearson Fred & Co. (Verona Upholstery, Drapery, etc), Leverington & Wilde, Phila., Pa.
Peerless Plush Mfg. Co. (Cotton & Silk Upholstery, Mohair & Seal Mantile Plushes), Paterson, N. J.
Salt's Textile Mfg. Co. (Silk, Seal, Upholstery & Mohair), Bridgeport, Conn.
Sanford Mills (Mohair, Furniture, Car, etc), Sanford, Me.
Simon R. & H. Co. (Silk Dress), Town of Union, N. J.
Stroock Plush Co. (Moquettes & Plain Plush), Newburgh, N. Y.
Tingue Mfg. Co. (Mohair), Seymour, Conn.
Victoria Plush Mills (Silk), Swarthmore, Pa.

Pneumatic Air Hoists

See Pneumatic Hoists

11261— Pneumatic Ash Handling System

Abell-Howe Co. (Plants), 332 S. Michigan av, Chicago, Ill. *See adv index at end of book*
Green Engineering Co. ("Geco" for Power Plants), East Chicago, Ind.

11262—Pneumatic Baby Drillers

Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.

11263—Pneumatic Beading Hammers

CHICAGO PNEUMATIC TOOL CO. ("Boyer," "Keller"), Fisher bldg, Chicago, Ill. *See adv index at end of book*
Cleveland Pneumatic Tool Co. ("Cleveland"), 3734 E 78th, Cleveland, O.
Dayton Pneumatic Tool Co. ("Green" & "Dayton"), Dayton, O.
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
Independent Pneumatic Tool Co. ("Thor"), 1307 Michigan av, Chicago, Ill.
Ingersoll-Rand Co. ("Crown," "Imperial" & "Little David"), 11 B'way, New York *See adv index at end of book*
Keller Pneumatic Tool Co., Fond du Lac, Wis,
Monarch Pneumatic Tool Co., East St. Louis, Ill.
Oldham Geo. & Son Co., 4326 Thackawanna, Frankford, Phila., Pa.
Pittsburgh Pneumatic Co., Canton, O.

11263a—*Pneumatic Boiler Makers' Hammers

Ingersoll-Rand Co. ("Crown," "Imperial" & "Little David"), 11 B'way, New York *See adv index at end of book*

11264—Pneumatic Boiler Riveters

Allen John F. Co. (Percussion & Compression), 370 Gerard av, New York
Hanna Engineering Works ("Hanna"), 1764 Elston av, Chicago, Ill.

11265—Pneumatic Boiler Scaler

Dallett Thos. H. Co. ("Dallett), Juniper & Federal, Phila., Pa.

11266—Pneumatic Bolt Nippers

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill. *See adv index at end of book*
Helwig Mfg. Co. ("Helwig" Portable), St. Paul. Minn.

11267-8-9—Pneumatic Breast Drills

CHICAGO PNEUMATIC TOOL CO. ("Duntley"), Fisher bldg, Chicago, Ill. *See adv index at end of book*
Cleveland Pneumatic Tool Co. ("Cleveland"), 3734 E 78th, Cleveland, Ohio
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
Independent Pneumatic Tool Co. ("Thor"), 1307 Michigan av, Chicago, Ill.
INGERSOLL-RAND CO. ("Crown," "Imperial" & "Little David"), 11 B'way, New York *See adv index at end of book*

Pneumatic Casting Cleaners

See Pneumatic Scaling Hammers

Pneumatic Chain Hoists

See Pneumatic Hoists

11270—Pneumatic Chipping & Calking Hammers

CHICAGO PNEUMATIC TOOL CO. ("Boyer," "Keller"), Fisher bldg, Chicago, Ill. *See adv index at end of book*
Cleveland Pneumatic Tool Co. ("Cleveland"), 3734 E 87th, Cleveland, O.
Dayton Pneumatic Tool Co. ("Green" & "Dayton"), Dayton, O.
Hardsocg Wonder Drill Co. ("Wonder"), Ottumwa, Ia.
Helwig Mfg. Co. ("Helwig" & Beading), St. Paul, Mnn.
Independent Pneumatic Tool Co. ("Thor"), 1307 Michigan av, Chicago, Ill.
INGERSOLL-RAND CO. ("Crown," "Imperial" & "Little David"), 11 B'way, New York *See adv index at end of book*
Keller Pneumatic Tool Co., Fond du Lac, Wis.
Monarch Pneumatic Tool Co. ("Monarch"), E St. Louis, Ill.
Oldham Geo. & Son Co., 4326 Thackawanna, Frankford, Phila., Pa.
Pittsburgh Pneumatic Co., Canton, O.

11271—Pneumatic Compression Riveters

Allen John F. Co., 370 Gerard av, New York
CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill. *See adv index at end of book*
Hanna Engineering Works, 1764 Elston av, Chicago, Ill.
Prentiss Henry & Co. Inc. (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York *See adv index at end of book*
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Slocomb F. F. & Co. ("Caskey"), 14th & Poplar, Wilmington, Del.

Pneumatic Concrete Rammers

See Pneumatic Sand Rammers

11272—Pneumatic Corner Drills

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill. *See adv index at end of book*
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
Ingersoll-Rand Co., 11 Broadway, New York. *See adv index at end of book*

11273—*Pneumatic Crane Motors

See also Pneumatic Motors

Ingersoll-Rand Co. ("Imperial," "Little Tugger"), 11 B'way, New York *See adv index at end of book*

Pneumatic Despatch Tubes

See Pneumatic Tubes

11274—Pneumatic Drift Bolt Drivers

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill.
See adv index at end of book
Cleveland Pneumatic Tool Co., 373 E 78th, Cleveland, O.

11275-6—Pneumatic Drills

CHICAGO PNEUMATIC TOOL CO. ("Little Giant," "Boyer," "Keller"), Fisher bldg, Chicago, Ill.
See adv index at end of book
Cleveland Pneumatic Tool Co. (Corner Drills), 3734 E. 78th, Cleveland, O.
Dallett Thos. H. Co., Juniper & Federal, Phila., Pa.
Denver Rock Drill Mfg. Co. ("Waugh"), Denver, Colo.
Helwig Mfg. Co. ("Helwig," Reversible), St. Paul, Minn.
Independent Pneumatic Tool Co. ("Thor"), 1307 Michigan av, Chicago, Ill.
INGERSOLL-RAND CO. ("Crown," "Imperial" & "Little David"), 11 B'way, New York *See adv index at end of book*
Keller Pneumatic Tool Co., Fond du Lac, Wis.
Monarch Pneumatic Tool Co. ("Monarch"), E St. Louis. Ill.
Oldham Geo. & Son Co., 4326 Thackawanna, Frankford, Phila., Pa.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Shaw C. H. Pneumatic Tool Co., Denver, Colo.

Pneumatic Feather Drills

See Pneumatic Plug Drillers

11277-8—Pneumatic Flue Cutters

See also Cutters, Flue

Monarch Pneumatic Tool Co. ("Monarch") E. St. Louis, Ill.
Union Machine Co., 183 University av, St. Paul, Minn.

11279—Pneumatic Flue Rollers

Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
Independent Pneumatic Tool Co. ("Thor" Reversible), 1307 Michigan av, Chicago, Ill.
Keller Pneumatic Tool Co., Fond du Lac, Wis.
Union Machine Co. (Ball Bearing), 183 University av, St. Paul, Minn.

11280—Pneumatic Flue Welders

See also Flue Welding Machines

Draper Mfg. Co. ("Draper Improved"), Port Huron, Mich.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book

Pneumatic Forges

See Forges, Pneumatic

11281—Pneumatic Forging Hammers or Machines

Nazel Engineering & Machine Wks. ("Nagel"), 4049 N 5th, Phila., Pa.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*

Pneumatic Foundry Rammers

See Pneumatic Sand Rammers

Pneumatic Granite Cutters' Tools

See Pneumatic Stone Cutters' Tools

11282—Pneumatic Hammer Drills

Cleveland Rock Drill Co., Cleveland, O.
Denver Rock Drill Mfg. Co. ("Waugh"), Denver, Colo.
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
INGERSOLL-RAND CO. ("Bull Moose," "Jackhamer," "Leyner-Ingersoll," "Jackstoper" & "Butterfly"), 11 B'way, New York
See adv index at end of book
Sullivan Machinery Co. ("Sullivan"), Peoples Gas bldg, Chicago, Ill.
Whitcomb Geo. D. Co. ("Whitcomb"), Rochelle, Ill.

11283— Pneumatic Hammers

CHICAGO PNEUMATIC TOOL CO. "Boyer," "Keller," Riveting & Chipping), Fisher bldg, Chicago, Ill.
See adv index at end of book
Cleveland Pneumatic Tool Co. ("New Cleveland"), 3734 E 78th, Cleveland, O.
Dallett Thos H. Co. (Stone Workers), Juniper & Federal, Phila., Pa.
Dayton Pneumatic Tool Co. ("Green" & "Dayton"), Dayton, O.
Helwig Mfg. Co. ("Helwig," for Chipping, Calking & Riveting), St. Paul, Minn.
Independent Pneumatic Tool Co. ("Thor"), 1307 Michigan av, Chicago, Ill.
INGERSOLL - RAND CO. ("Imperial," "Crown" & "Little David"), 11 B'way, New York. *See adv index at end of book*
Leyner J. Geo. Engineering Works Co. (For Stone or Metal), Littleton, Colo.
Monarch Pneumatic Tool Co. ("Monarch"), E. St. Louis, Ill.
Oldham Geo. & Son Co. (For Stone, Marble & Granite), 4326 Thackawanna, Frankford, Phila., Pa.
Pittsburgh Pneumatic Co., Canton, O.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Shaw C. H. Pneumatic Tool Co., Denver, Colo.

11284— Pneumatic Hoists

Abell-Howe Co., 332 S Michigan av, Chicago, Ill. *See adv index at end of book*
Blethen Hugh R., 21 Park Row, New York
CHICAGO PNEUMATIC TOOL CO. (Geared & Trolley Combined), Fisher bldg., Chicago, Ill.
See adv index at end of book
Curtis & Co. Mfg. Co. (Vertical, Horizontal Traveling, etc), 1571 Kienlen av, St. Louis, Mo.
Dake Engine Co. (Chain or Wire Rope), Grand Haven, Mich.
DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*
Independent Pneumatic Tool Co., 1307 Michigan av, Chicago, Ill.
INGERSOLL-RAND CO. ("Imperial" & "Little Tugger"), 11 B'way, New York
See adv index at end of book
Leyner J. Geo. Engng. Wks. Co., Littleton, Colo.
NORTHERN ENGINEERING WKS., 9 Chene, Detroit, Mich.
See adv index at end of book
Q. M. S. Co., 1761 Elston av, Chicago, Ill.
Ridgway Craig & Son Co.
Rix Compressed Air & Drill Co. (Mine), 505 Howard, San Francisco, Cal.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Weir & Craig Mfg. Co. (1 to 10 Ton), 2421 Wallace, Chicago, Ill.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.
Worthington Pump & Machinery Corp., 115 B'way, New York
See adv index at end of book

11285—Pneumatic Hose Couplings

CHICAGO PNEUMATIC TOOL CO. ("Chicago-Universal"), Fisher bldg, Chicago, Ill. *See adv index at end of book*
Clark W. J. Co. ("Quick-As-Wink"), Salem, O.
Cleveland Pneumatic Tool Co. ("Bowes"), 3734 E 78th, Cleveland, O.
Curtis & Co. Mfg. Co. ("Curtis"), 1571 Keinlen av, St. Louis, Mo.
Dallett Thos. H. Co. ("Dallett" Automatic), Juniper & Federal, Phila., Pa.
Edwards H. D. & Co. ("Joy" Automatic), 16 Woodward av, Detroit, Mich.
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
Howell F. R. Brass Works, 122 N Franklin, Phila., Pa.
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Keller Pneumatic Tool Co. ("Thompson"), Fond du Lac, Wis.
Knox Mfg. Co., 821 Cherry, Phila., Pa.
Moran Flexible Steam Joint Co. (All Metal Flexible; also for Steam or Liquid), Louisville, Ky.
Morse A. J. & Son Inc., 221 High, Boston, Mass.
Mulconroy Co. ("Mulconroy" Couplings & Nipple), 54th & Jefferson, Phila., Pa.
Rauch Mfg. Co. ("Eureka," "Reliable"), Galena, Kansas
Wood Drill Works ("Wood"), Paterson, N. J.
Yarnall-Waring Co. (Swivel Joint, "Caskey-Simplex"), Harrison bldg., Phila., Pa.

11286— *Pneumatic Jacks

CHICAGO PENUMATIC TOOL CO., Fisher bldg, Chicago, Ill.
See adv index at end of book

11287—Pneumatic Jam Riveters

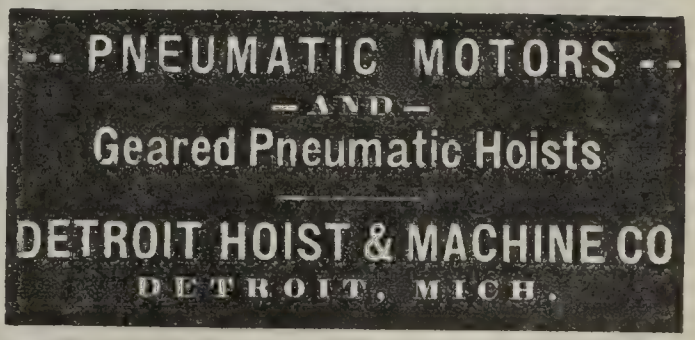
CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill.
See adv index at end of book
Hanna Engineering Works ("Hanna"), 1764 Elston av, Chicago, Ill.
INGERSOLL-RAND CO. ("Little David"), 11 B'way, New York
See adv index at end of book
Monarch Pneumatic Tool Co., E St. Louis, Ill.

11288 Pneumatic Motors

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill.
See adv index at end of book
Cleveland Pneumatic Tool Co. ("Cleveland"), 3734 E 87th, Cleveland, O.
Dake Engine Co. (Reversible), Grand Haven, Mich.
DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*
Draper Mfg. Co. ("McGrath" for R. R. Turntables, etc), Port Huron, Mich.
Helwig Mfg. Co. ("Helwig" Reversible, Both End & Central Spindle for Metal & Wood Boring), St. Paul, Minn.
Independent Pneumatic Tool Co. ("Thor"), 1307 Michigan av, Chicago, Ill.
INGERSOLL-RAND CO. ("Imperial" & "Little Tugger"), 11 B'way, New York
See adv index at end of book

11289—*Pneumatic Motors & Geared Pneumatic Hoists

DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*



11290—*Pneumatic Painting Machines

See also Paint & Whitewash Spraying Machines

Spray Engineering Co. (Equipments), 93 Federal, Boston, Mass.

11291—Pneumatic Pile Drivers

Browning Co. (Railroad Car), E 162d & Waterloo rd N E, Cleveland, Ohio
CHICAGO PNEUMATIC TOOL CO. ("Boyer," "Keller"), Fisher bldg, Chicago, Ill. *See adv index at end of book*
INGERSOLL-RAND CO. (Sheet), 11 B'way, New York
See adv index at end of book
Leyner J. Geo. Engineering Works Co., Littleton, Col.
McKiernan Terry Drill Co. (Sheet), 15 Park Row bldg, New York
Oldham Geo. & Son Co., 4326 Thackawanna, Frankford, Phila., Pa.

11292—Pneumatic Piston Drills

CHICAGO PNEUMATIC TOOL CO. ("Little Giant," "Boyer"), Fisher bldg, Chicago, Ill. *See adv index at end of book*
Cleveland Pneumatic Tool Co. ("Cleveland" Four Piston), 3734 E 78th, Cleveland, O.
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
Independent Pneumatic Tool Co. ("Thor" Air), 1307 Michigan av, Chicago, Ill.
Ingersoll-Rand Co. ("Imperial" & "Little David"), 11 B'way, New York *See adv index at end of book*
Monarch Pneumatic Tool Co. ("Monarch"), E St. Louis, Ill.
Pittsburgh Pneumatic Co., Canton, O.

11293—Pneumatic Plug Drillers

Cleveland Rock Drill Co., Cleveland, O.
Dallett Thos. H. Co., Juniper & Federal, Phila., Pa.
Denver Rock Drill Mfg. Co. ("Waugh"), Denver, Colo.
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
INGERSOLL-RAND CO. ("Butterfly," "Imperial," "Jackhamer," "Bull Moose," "Invincible"), 11 B'way, New York *See adv index at end of book*
Shaw C. H. Pneumatic Tool Co., Denver, Colo.

11294—Pneumatic Presses

Slocomb F. F. & Co. ("Caskey"), 14th & Poplar, Wilmington, Del.
Springfield Machine Tool Co. (Intensifying), Springfield, O.

11295—*Pneumatic Pumping Systems

See also Pneumatic Water Supply System; also Pumps, Pneumatic

INGERSOLL-RAND CO. (Air Lift & Return-Air), 11 B'way, New York *See adv index at end of book*
Van Nouhuys Machine Works, Albany, N. Y.

11296— Pneumatic Punches

Hanna Engineering Works (Portable), 1764 Elston av, Chicago, Ill.
Slocomb F. F. & Co. ("Caskey" Portable), 14th & Poplar, Wilmington, Del.

11297—Pneumatic Reaming & Tapping Drills

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill. *See adv index at end of book*
Cleveland Pneumatic Tool Co. ("Cleveland"), 3734 E 87th, Cleveland, O.
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
Independent Pneumatic Tool Co. ("Thor" Reversible), 1307 Michigan av, Chicago, Ill.
Ingersoll-Rand Co. ("Crown," "Imperial" & "Little David"), 11 B'way, New York *See adv index at end of book*
Monarch Pneumatic Tool Co. ("Monarch"), E St. Louis, Ill.

11298—Pneumatic Reaming & Tapping Motors

Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
Keller Pneumatic Tool Co., Fond du Lac, Wis.

11299—Pneumatic Rivet Holder-On

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill. *See adv index at end of book*
Cleveland Pneumatic Tool Co. ("Cleveland"), 3734 E 87th, Cleveland, O.
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
INGERSOLL-RAND CO. ("Little David"), 11 B'way, New York *See adv index at end of book*
Manitowoc Engineering Works, Manitowoc, Wis.
Monarch Pneumatic Tool Co., E. St. Louis, Ill.
Pittsburgh Pneumatic Co., Canton, O.

11300— Pneumatic Rivet Sets

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E Cleveland, O.
Cleveland Steel Tool Co., Cleveland, O.
Independent Pneumatic Tool Co., 1307 Michigan av, Chicago, Ill.
Scully Steel & Iron Co., New Continental & Commercial Bank bldg, Chicago, Ill.

11301— Pneumatic Riveters

See also Hammers, Riveting

ALLEN JNO. F. CO. (Percussion & Compression), 370 Gerard av, New York
Chambersburg Engineering Co. (Heavy), Chambersburg, Pa.
CHICAGO PNEUMATIC TOOL CO. ("Boyer"), Fisher bldg, Chicago, Ill. *See adv index at end of book*
Cleveland Pneumatic Tool Co. ("Ajax" & "Cleveland" Pocket-in-head), 3734 E 78th, Cleveland, O.
Dayton Pneumatic Tool Co., Dayton, O.
Grant Mfg. & Machine Co. ("Grant"), Bridgeport, Conn.
Hanna Engineering Works ("Hanna," Hydro-Pneu & Plain Toggle), 1764 Elston av, Chicago, Ill.
Hardsocg Wonder Drill Co. ("Wonder" for Boilers, Tanks, etc), Ottumwa, Ia.
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
Independent Pneumatic Tool Co. ("Thor"), 1307 Michigan av, Chicago, Ill.
INGERSOLL-RAND CO. ("Little David," "Imperial" & "Crown"), 11 B'way, New York *See adv index at end of book*
Keller Pneumatic Tool Co., Fond du Lac, Wis.
Monarch Pneumatic Tool Co. ("Monarch"), E St. Louis, Ill.
Oldham Geo. & Son Co., 4326 Thackawanna, Frankford, Phila., Pa.
Pittsburgh Pneumatic Co., Canton, O.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Slocomb F. F. & Co. ("Cackey"), 14th & Poplar, Wilmington, Del.

11302—Pneumatic Rock Drills

See also Pneumatic Plug Drillers

Carnahan C. T. Mfg. Co. ("Murphy"), Denver, Colo.
CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill. *See adv index at end of book*
Cleveland Rock Drill Co., Cleveland, O.
Cochise Machine Co., Los Angeles, Cal.
Denver Rock Drill Mfg. Co. ("Waugh"), Denver, Colo.
Hardsocg Wonder Drill Co. ("Hardsocg," "Wonder"), Ottumwa, Ia.
INGERSOLL-RAND CO. ("Sergeant," "Little Giant," "Butterfly" & "Leyner-Ingersoll"), 11 B'way, New York *See adv index at end of book*
Leyner J. Geo. Engineering Works Co. ("Leyner"), Littleton, Colo.
Mine & Smelter Supply Co. ("Holman"), 42 B'way, New York
Shaw C. H., Pneumatic Tool Co. ("Shaw," "Eclipse" Air Hammer), Denver, Col.
Wickes Machinery Co. ("Murphy's" Little Champion), Jersey City, N. J.
Wood Drill Works, Paterson, N. J.

11303—Pneumatic Rotary Drills

Cleveland Pneumatic Tool Co. ("Cleveland" Breast), 3734 E 78th, Cleveland, O.
Ingersoll-Rand Co. ("Crown," "Imperial," "Little David"), 11 B'way, New York *See adv index at end of book*
Monarch Pneumatic Tool Co., E. St. Louis, Ill.

11304-5—Pneumatic Sand Rammers

See also Rammers, Foundry

CHICAGO PNEUMATIC TOOL CO. ("Chicago," "Keller"), Fisher bldg, Chicago, Ill. *See adv index at end of book*
Cleveland Pneumatic Tool Co., 3734 E 78th, Cleveland, O.
Dayton Pneumatic Tool Co., Dayton, O.
Independent Pneumatic Tool Co. ("Thor"), 1307 Michigan av, Chicago, Ill.
INGERSOLL-RAND CO. ("Crown"), 11 B'way, New York *See adv index at end of book*
Keller Pneumatic Tool Co., Fond du Lac, Wis.
Pittsburgh Pneumatic Co., Canton, O.

Pneumatic Sand Sifters

See Sifters, Sand, with the Word "Pneumatic" Following the Names

11306—Pneumatic Scaling Hammers

For Scaling Castings, Etc

CHICAGO PNEUMATIC TOOL CO. ("Boyer," "Keller"), Fisher bldg, Chicago, Ill. *See adv index at end of book*
Cleveland Pneumatic Tool Co. ("Cleveland"), 3734 E 78th, Cleveland, O.
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
Independent Pneumatic Tool Co. ("Thor"), 1307 Michigan av, Chicago, Ill.
INGERSOLL-RAND CO. ("Crown," "Imperial," "Little David"), 11 B'way, New York *See adv index at end of book*
Keller Pneumatic Tool Co., Fond du Lac, Wis.
Monarch Pneumatic Tool Co., E St. Louis,

11307—Pneumatic Staybolt Breakers

Reliance Mach. & Tool Wks., Charming & Franklin avs, St. Louis, Mo.

11308—Pneumatic Staybolt Clippers

Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.

11309-10—Pneumatic Staybolt Cutters

See also Cutters, Staybolt

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill. *See adv index at end of book*
Helwig Mfg. Co. ("Helwig"). St. Paul, Minn.
Reliance Machine & Tool Works, Charming & Franklin avs, St. Louis

Pneumatic Staybolt Nippers

See Pneumatic Bolt Nippers

11311—Pneumatic Stone Carving Tools

CHICAGO PNEUMATIC TOOL CO. ("Boyer," "Keller"), Fisher bldg, Chicago, Ill. *See adv index at end of book*
Dallett Thos. H. Co., Juniper & Federal, Phila., Pa.
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
Ingersoll-Rand Co., 11 B'way, New York *See adv index at end of book*
Oldham Geo. & Son Co., 4326 Thackawanna, Frankford, Phila., Pa.
Trow & Holden Co., Barre, Vt.

11312—Pneumatic Stone Cutters' Tools

CHICAGO PNEUMATIC TOOL CO. ("Boyer," "Keller), Fisher bldg, Chicago, Ill. *See adv index at end of book*
Dallett Thos. H. Co., Juniper & Federal, Phila., Pa.
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
Ingersoll-Rand Co., 11 B'way, New York *See adv index at end of book*
Oldham Geo. & Son Co., 4326 Thackawanna, Frankford, Phila., Pa.
Trow & Holden Co. ("Barre"), Barre, Vt.

11313—Pneumatic Stone Surfacing Machines

CHICAGO PNEUMATIC TOOL CO. ("Keller), Fisher bldg, Chicago, Ill. *See adv index at end of book*
Dallett Thos. H. Co., Juniper & Federal, Phila., Pa.
Livingston Mfg. Co., Rockland, Me.
Oldham Geo. & Son Co. (Portable), 4326 Thackawanna, Frankford, Phila., Pa.
Trow & Holden Co., Barre, Vt.

11314—*Pneumatic Tool Appliances

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill. *See adv index at end of book*

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Hammers, Chipping and Calking
Hammers, Stone
Hoists, Pneumatic Geared
Hoists, Straight Lift
Hoisfs, Duntley Electric
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Hose Couplings (Universal)
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HONOLULU, HAWAII

11315—Pneumatic Tool Lubricants

Cleveland Pneumatic Tool Co. ("Cleveland" "Never-Gum"), 3734 E 78th av, Cleveland, O.
Houghton E. F. & Co., 240 W. Somerset, Phila, Pa.
Zurn O. F. Co. ("Pneuoxyum"), Broad & Lehigh, Phila., Pa.

11316—Pneumatic Tool Lubricators

Carron A. M. Machine Co. ("Pittsburg"), Penn & Barbeau, Pittsburgh, Pa.
CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill.
See adv index at end of book

11317— Pneumatic Tools

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill.
See adv index at end of book
Cleveland Pneumatic Tool Co. ("Cleveland"), 3734 E 78th, Cleveland, Ohio
Dallett Thos. H. Co., Juniper & Federal, Phila., Pa.
Dayton Pneumatic Tool Co. ("Green" & "Dayton"), Dayton, O.
Dopp J. W. & Co. (Dealers), 1420 Dime Bank bldg., Detroit, Mich.
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
Independent Pneumatic Tool Co. ("Thor"), 1307 Michigan av, Chicago, Ill.
INGERSOLL-RAND CO. ("Crown," "Imperial" & "Little David"), 11 B'way, New York *See adv index at end of book*
Iron City Tool Works Ltd. (Chisels & Blanks), 3201 Smallman, Pittsburgh, Pa.
Keller Pneumatic Tool Co., Fond du Lac, Wis.
Kotten Machine Co., Bergen & Kearney av, Jersey City, N. J.
Livingston Mfg. Co., Rockland, Me.
Manitowoc Ship Bldg Co. ("Gunnell" Holder Ons.), Manitowoc, Wis.
Monarch Pneumatic Tool Co. ("Monarch"), E St. Louis, Ill.
Oldham Geo. & Son Co., 4326 Thackawanna, Frankford, Phila., Pa.
Pittsburgh Pneumatic Co., 900 Lawrence rd, Canton, O.
Quaker City Pneumatic Tool Co., Barre, Vt.
Schramm Chris. D. & Sons, 308 N 4th, Phila., Pa.
Shaw C. H. Pneumatic Tool Co., 35th & Wazee, Denver, Col.
Slocomb F. F. & Co. (Punches and Riveters), 14th & Popular), Wilmington, Del.

Pneumatic Trolley Hoists

See Pneumatic Hoists

11318— Pneumatic Tubes

American Pneumatic Service Co., 100 Boylston, Boston, Mass.
American Tube Works (Seamless Drawn Brass & Copper), 10 Oliver, Boston, Mass.
LAMSON CO., 100 Boylston, Boston, Mass.
Pneumatic Transit Co., 926 Columbia, Phila., Pa.
Standard Store Service, Inc., Hartford, Conn.
Universal Tube Co., 145 W Ohio, Chicago, Ill.

11319—Pneumatic Tubes & Caissons for Bridge Piers

Builders Iron Foundry ("Builders"), 9 Codding, Providence, R. I.

11320—Pneumatic Water Supply Systems

See also Pneumatic Pumping Systems

Andrews Heating Co. ("Andrew's" Air Pressure), Minneapolis, Minn.
Baltimore Cooperage Co., cor Hanover & Creek, Baltimore, Md.
Bennett Bros. Co. (Ideal), Lowell, Mass.
Butler Co., Butler, Ind.
Carter Ralph B. Co., 152 Chambers, New York
Celina Mfg. Co., Celina, O.
CHICAGO BRIDGE & IRON WORKS, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book
DEMING CO. (Hydro-pneumatic), Salem, Ohio
See adv index at end of book
Economy Pumping Machinery Co., 16 N Carpenter, Chicago, Ill.
Fairbanks Co., 416 Broome, New York
For branch offices see Alphabetical Section
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Fleck Bros. Co. ("Neptune"), 44 N 5th, Phila., Pa.
Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.
Heller-Aller Co., Napoleon, O.
Illinois Pump & Brass Co. ("Nocost," Perfect Duplex), Peoria, Ill.
Ingersoll-Rand Co. (Air Lift), 11 B'way, New York. *See adv index at end of book*
Leader Iron Works ("Leader" Water Systems), 201 Jasper, Decatur, Ill.
Luitwieler Pumping Engine Co., Rochester, N. Y.
Lunt-Moss Co., 43 So Market, Boston, Mass.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
Murphy & Walsh, Pekin, Ill.
National Steel Tank & Mfg. Co. ("National"), Bradford, Ill.
Pacific Pump & Supply Co., 853 Folsom, San Francisco, Cal.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Quick & Thomas Co., Auburn, N. Y.
SCAIFE WM. B. & SONS CO. (& Tanks), First Nat. Bk. bldg., Pittsburgh, Pa.
See adv index at end of book
Sloan Samuel & Co. ("Superior"), Rochester, N. Y.
Weber Subterranean Pump Co., 50 E 42d, New York
Woodmanse Mfg. Co., Freeport, Ill.

11321-2—Pneumatic Winches

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill.
See adv index at end of book

Pneumatic Winding Drums

See Drums, Winding

11323—Pneumatic Wood Boring Machines

CHICAGO PNEUMATIC TOOL CO. ("Little Giant." "Keller"), Fisher bldg, Chicago, Ill.
See adv index at end of book
Cleveland Pneumatic Tool Co. ("Cleveland"), 3734 E 78th, Cleveland, Ohio
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
Independent Pneumatic Tool Co. ("Thor" Reversible), 1307 Michigan av, Chicago, Ill.
INGERSOLL-RAND CO. ("Crown," "Imperial." "Little David"), 11 B'way, New York *See adv index at end of book*
Keller Pneumatic Tool Co., Fond du Lac, Wis.

11324—Pneumatic Wood Carving Tools

Dallett Thos. H. Co. ("Dallett"), Juniper & Federal, Phila., Pa.

11325—Pneumatic Yoke Riveters

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill.
See adv index at end of book
Hanna Engineering Works ("American" Plain Toggle, 1764 Elston av, Chicago, Ill.

11325a— Pneumercators

Pneumercator Co. Inc., 118 Liberty, New York
See adv index at end of book

11326— Poachers (Egg)

Columbian Enameling & Stamping Co., Terre Haute, Ind.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Republic Metalware Co. The ("Buffalo" Steam), Buffalo, N. Y.
Silver & Co., 304 Hewes, Brooklyn, N. Y.
Wolverine Supply & Mfg. Co., Page & Fontella, Pittsburgh, Pa.

11327—Pocket Book & Bag Frames

Diffany & Co. (Silver), 209 Parkhurst, Newark, N. J.
Goertz Aug. & Co., 276 Morris av, Newark, N. J.
Havell Mfg. Co., 284 Washington, Newark, N. J.
Stern Ludwig (Also Fittings), 303 W 103rd, New York

11328— Pockets (Coal)

Dempcy-Degener Co., 307 4th av, Pittsburgh, Pa.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Hendrick Mfg. Co., Carbondale, Pa.
Howe Scale Co. of Illinois, 1315 S. Wabash av, Chicago, Ill.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.

11329—Pockets (Cotton Waste)

Knapp Mfg. & Supply Co., 241 Water, New York

11330— Pockets (Draw Bar)

Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

11331— Pockets (Drip)

Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.

11332—Pockets (Sliding Door)

National Supply & Mfg. Co., 2362 Palm, St. Louis, Mo.

11333— Pockets (Stake)

Richards-Wilcox Mfg. Co. ("Richards" Steel), Aurora, Ill.

11333a— Pockets (Wall)

Albrecht & Meister Co., 80 5th av, New York
American Wall Pocket Mfg. Co., 1021 Main, Buffalo, N. Y.
Berlin-Neuroder Art Printing Co., 80 5th av, New York
Ellery Jos. E., 381 4th av, New York
Hagelberg W. Inc., 5 E 17th, New York
Harder & Boesenberg, 377 B'way, New York
Leunis Alex., 223 W 17th, New York
Metropolitan Imptg. & Mfg. Co., 189-191 6th av, New York
Osterman H. G. Co., 29 B'way, New York
Rose Co., 804-6-8 Sansome, Phila., Pa.
Walcutt Bros. Co., 141-155 E 25th, New York
Wall Pocket Impt'g Co., 304-310 E 23d, New York

11333b—*Poidometer Mfrs.

SCHAFFER ENGINEERING & EQUIPMENT CO., THE, Tiffin, O.
See adv index at end of book

11334—*Pointers (Blackboard)

ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*

Pointers (Bolt)

See Machines, Bolt Pointing

11335— Pointers (Dowel)

Braunsdorf-Mueller Co., Elizabeth, N. J.
Cincinnati Tool Co. ("Hargrave's"), Norwood, Cincinnati, O.
See adv index at end of book

11336— Pointers (Spoke)

See also Trimmers, Spoke

Buckeye Mfg. Co., Foundry Cleveland, O.
Cincinnati Tool Co. ("Hargrave's"), Norwood, Cincinnati, O.
See adv index at end of book
Silver Mfg. Co., Salem, O.
Southington Mfg. Co., Southington, Conn.
Swan Jas. Co., Seymour, Conn.
Wood A. A. & Sons Co., Atlanta, Ga.

11337— Pointers (Wire)

Turner, Vaughn & Taylor Co., Cuyahoga Falls, O. *See adv index at end of book*
Welch T. F. Co., 55 Sudbury, Boston, Mass.

Points (Carbon)

See Tools, Diamond

11337a—Points (Contact & Sparking)

American Platinum Works ,Platinum for Spark Coils), Oliver & N. J. R. R. av, Newark, N. J.
Baker & Co (Platinum for Gas & Gasoline Engines), 54 Austin, Newark, N. J.
Bender Hy. (Platinum), 42 Walnut, Newark, N. J.
Commercial Research Co., Jackson av & Hopewell, Long Island City, N. Y.
New Era Spring & Specialty Co., Detroit, Mich.
Niehoff Paul G. & Co., 232 E Ohio, Chicago, Ill.
Pfanstiehl Co. (Tungsten & Molybdenum), No. Chicago, Ill.
Wilson H. A. Co., 97 Chest, Newark, N. J.
Woodside Electric'l Shops Co., Metuchen, N. J.

11338— Points (Cultivator)

See also Points, Plow

Harrow Spring Co., Milwaukee, Wis. Works: Kalamazoo, Mich.
Henry & Allen, Auburn, N. Y.
Mason F. C. & Co. (Spring Tooth, Single & Double Pointed), St. Johns, Mich.

11338a—*Points (Dental Polishing)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

11339— Points (Drill)

Chicago Expansion Bolt Co. ("Chicago"), 111 N Jefferson, Chicago, Ill.
Goodell-Pratt Co. (Plain or Fluted Shank), Greenfield, Mass.
Millers Falls Co. (For Hand Drills), Millers Falls, Mass.
Union Twist Drill Co. (Guiding Drill Points), Athol, Mass.

11340— Points (Drive Well)

Flint & Walling Mfg. Co., Kendallville, Ind.
Gowanda Agricultural Works, Gowanda, N. Y.
McEvoy J. H. & Co., Houston, Tex.
Mark Mfg. Co., Evanston, Ill.
Stancliff Well Screen & Mfg. Co., Houston, Texas

11341— Points (Glazier's)

Atlas Tack Co., Fairhaven, Mass.
Austin & Eddy ("Peerless"), 117 Broad, Boston, Mass.
Dreer Henry A. ("Dreer's Peerless"), 714 Chestnut, Phila., Pa.
Holland Mfg. Co. (Zinc), Central av & Bank, Baltimore, Md.
Hubbard & McClary, Windsor, Vt.
Maze W. H. Co. ("Zinc City"), Peru, Ill.
National Sheet Metal Co. (Zinc & Galvanized), Peru, Ill.
Penn Tack Co., Norristown, Pa.
Phillips E. & Sons, South Hanover, Mass.
Shelton Tack Co., Shelton, Conn.

11342— Points (Grain Drill)

Cambria Steel Co., Widener bldg, Phila., Pa.
Crescent Forge & Shovel Co., Havana, Ill.
Empire Plow Co., Cleveland, O.
Herschel R. Mfg. Co., Peoria, Ill.
Mason F. C. & Co., St. Johns, Mich.
Noll Bros., 849 Allis, Milwaukee, Wis.

11343-4— Points (Harrow)

American Knife Co. (Reversible & Detachable), Baldwinsville, N. Y.
Henry & Allen (Harrow Teeth Reversible), Auburn, N. Y.

11345-6—*Points (Linoleum)

Maze W. H. Co. ("Zinc City" Steel), Peru, Ill.

11347-8—Points (Picture Frame)

Maze W. H. Co. (Steel), Peru, Ill.
Parker Wire Goods Co., Worcester, Mass.
Shelton Tack Co., Shelton, Conn.
Thompson & Norris Co., The (Corrugated), Concord & Prince, Brooklyn, N. Y.

11349— Points (Plow)

See also Points, Cultivator

McMaster R. C., Adamsville, Pa.
Moore Plow & Implement Co. ("Moore"), Greenville, Mich.

11350— Points (Seeder)

Noll Bros., 849 Allis, Milwaukee, Wis.

11350a—*Points (Sparking Nickel)

WILLIAMS & CO (Inc.), 220-226 Penn av, Pittsburgh, Pa.
See adv index at end of book

Points (Stone Cutters')

See Chisels, Stone Cutters'

11351— Points (Switch)

Bethlehem Steel Co. ("Manard"), S Bethlehem, Pa.
Cincinnati Frog & Switch Co., Cincinnati, O. *See adv index at end of book*
Economy Separable Switch Point Co. ("Economy" Separable Manganese & Open Hearth Steel), Louisville, Ky.
Frog Switch & Mfg. Co. (Open Hearth), Carlisle, Pa.
Wharton Wm. Jr. & Co., Inc. (Plain & "Tisco" Manganese, Steel Tipped), Easton, Pa.

11352— Points (Trammel)

Disston Henry & Sons, Tacony, Phila., Pa.
Goodell-Pratt Co., Greenfield, Mass.
Stanley Rule & Level Co., New Britain, Conn.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

Points (Well)

See Points, Drive Well

11353— Poker Chips

American Hard Rubber Co. (Rubber), 9 Mercer, New York
Arlington Works The (E. L. du Pont de Nemours & Co.), 21 E. 40th, New York
Celluloid Co. (Celluloid), 36 Washington pl, New York
Dennison Mfg. Co., 26 Franklin, Boston, Mass
Electrose Mfg. Co. ("Electrose"), 70 Washington, Brooklyn, N. Y.
Goodrich B. F. Co. (Soft Rubber), Akron, Ohio
Kyoto Mfg. & Trading Co., 31 E 17th, New York

11354— Pokers (Stove)

Adams Co., Dubuque, Ia.
Arcade Mfg. Co. ("Siberian" & "Serpentine"), Freeport, Ill.
Auer John, Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.
Cassady Fairbank Mfg. Co. ("Star," Perforated Handle; also Wire & Wood Handles), 6126 S La Salle, Chicago, Ill.
Central Stamping Co., 174 Fulton, New York
Dover Stamping & Mfg. Co., Cambridge, Mass.
Fanner Mfg. Co. ("Arctic," Wire & Loop Handle), Cleveland, O.
Ireland & Matthews Mfg. Co., Detroit, Mich.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Lynd L. E. Mfg. Co. ("Zero"), Mechanicsville, N. Y.
Morgan Spring Co. ("Eclipse"), Worcester, Mass.
See adv index at end of book
Peck, Stow & Wilcox Co., Southington, Conn.
Pfeifer John & Co. (Ltd.), 222 Race, Phila., Pa.
Stover Mfg. Co. ("Ideal" Wire Handle; also Furnace Pokers), Freeport, Ill.
Troy Nickel Works, Albany, N. Y.
Wehrle Co., Newark, O.
Wire Goods Co., Worcester, Mass.

11355— Pokes (Animal)

Ely T. J. Mfg. Co. ("Kricks" Metallic, Adjustable), Erie, Pa.
Hughes & Smythe ("Galena," "Never-Fail," "Victor"), Galena, O.
Lansing Co. ("Herbert" Horse), Lansing, Mich.
Osmundson Spade Mfg. Co. ("Norwegian" Steel), Perry, Ia.
Weathers Poke Co., Windsor, Mo.
Wire Goods Co., Worcester, Mass.

11356— Pole-Crabs

Cowles C. & Co., New Haven, Conn.
English & Mersick Co., New Haven, Conn.
Rounds D. & Son, Cleveland, O.
Woodruff Walter W. & Sons Co., Mount Carmel, Conn.

11357— Pole Erectors

Matthews W. N. & Bro. ("Matthews" for Erecting Trolley & Telegraph Poles, etc), 3722 Forest Park blvd, St. Louis, Mo.

Poles (Arc Lamp)

See Poles, Iron & Steel

11358—Poles (Awning, Tent, Etc.)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Ransome-Leach Co., 115 Bway, New York
Stephenson Mfg. Co. (Wood), South Bend, Ind.

11359— Poles (Barbers')

Barker Jas., 6th & Cayuga, Phila., Pa.
Chisholm Co., 178 Center, New York
Kochs Theo. A. Co., 659 Wells, Chicago, Ill.
Koken Barbers' Spply Co., 513 N 7th, St. Louis, Mo.
Schunk & Ogg, 235 Canal, New York

Poles (Carriage & Wagon)

See Shafts & Poles, Carriage & Wagon

11360—Poles (Cement & Concrete)

American Steel & Wire Co. (Triangle Mesh), 208 S La Salle, Chicago, Ill.
Chicago Concrete Post Co., 608 S Dearborn, Chicago, Ill.
Edgcumbe-Parks Co., Benton Harbor, Mich.
Great Lakes Dredge & Dock Co. (Concrete Poles), 104 S Michigan av, Chicago, Ill.
Pettijohn Co., Terre Haute, Ind.
Valentine J. E., Abilene, Kans.

Poles (Creosoted)

See Creosoting Works

11361— Poles (Cross Span)

Archbold-Brady Co. (For Electric Railways), Syracuse, N. Y
Electric Railway Equipment Co., Cincinnati, Ohio

11362— Poles (Curtain)

Berbecker & Rowland Mfg. Co. (Brass, also Trimmings), Waterville, Conn.
Estes E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*
Gravely B. F. & R. P. (Wood), Martinsville, Va.
Guth Mfg. Co., 116 E 24th, New York
Judd H. L. Co. (Wood), 87 Chambers, New York
Kolar Bros. (Wood), 9 Baxter, New York
Kroder Jno. & Henry, Reubel Co. (Brass & Wood Poles & Trimmings), 107 E 17th, New York
Levering Mfg. Co., Wilmington, N. C.
Roos Mfg. Co. (Wood), 967 W 20th, Chicago, Ill.
Stewart G. S. Co. (Wood), Norwalk, O.
Webb Mfg. Co. (Wood), Brookville, Pa.

11363— Poles (Engine Push)

Ransome-Leach Co., 115 Bway, New York

11364— Poles (Fishing)

See also Rods, Fishing

American Mercantile Co. (Bamboo & Cane), Tacoma, Wash.
Benneche Edw. & Bro. (Bamboo & Cane), 43 Gt. Jones, New York
Maus Geo. H. (Japan Bamboo), Amsterdam, N. Y.
Whitney Jas. E. (Bamboo & Cane), 88 Broad, Boston, Mass.

11365—Poles (Flag, Iron & Steel)

Brown H. L. Fence & Mfg. Co., Oakley, Cincinnati, O.
Cincinnati Flag Pole Co. (Tilting Steel), Bond Hill, Cincinnati, O.
Columbiana Boiler Co., Columbiana, O.
Electric Railway Equipment Co., Cincinnati, Ohio
Franklin Steel Works ("Tripartite," "Triangulate"), Franklin, Pa.
Greenlie-Halliday Co., 499 Water, New York
Herwig Art Shade & Lamp Co. (Ornamental for Home & Desk Decorations), 2140 N Halsted, Chicago, Ill.
See adv index at end of book
Jones Thomas W. (Also Fittings), 153 Maiden la, New York
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
Milliken Bros., Staten Island, N. Y.
Morris Elmer P. Iron Works, 136 Liberty, New York
National Tube Co., Frick bldg, Pittsburgh, Pa.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Pittsburgh Trolley & Forge Co., Pittsburgh, Pa.
Republic Structural Iron Works Co., 1350 E 53d, Cleveland, O.
St. Louis Car Wheel Co., St. Louis, Mo.
Simmons John Co., 110 Centre, New York
Stover Mfg. Co. ("Ideal" Galvanized Steel Towers), Freeport, Ill.
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
Walworth Mfg. Co. ("Walworth" Revolving Top, Steel), 798 1st, Boston, Mass.
Wisconsin Bridge & Iron Co., N. Milwaukee, Wis.

11366— Poles (Flag, Wood)

Boston Oregon Mast Co., 131 Coleridge, E Boston, Mass.
Brinser E. C. Sons, Richmond, Va.
Chesebro, Whitman Co., 1167 1st av, New York
Corbett & Co., 429 E 109th, New York
Kolar Bros., 9 Baxter, New York
National Mill & Lumber Co., 5th & Bryant, San Francisco, Cal.
Noyes Wm. H. Co. (Also Clothes Poles), 154 1st, Newark, N. J.
Portland Extension Ladder Co. (and Steel), 130 Orange, Newark, N. J.
Reilley Bros. Ladder Co., 324 W 41st, New York
Sanders Bros. Mfg. Co., Ottawa, Ill.
Stephenson Mfg. Co., South Bend, Ind.
Union Spar Co., Gloucester, Mass.

11367— Poles (Iron & Steel)

For Street Railways & Electric Lights; see also Posts, Arc Lamp; for Wooden Poles, see Ties, Poles & Posts
American Bridge Co., 30 Church, New York
Bates Expanded Steel Truss Co., 208 S La Salle, Chicago, Ill.
Blaw Knox Co., 626 Farmers Bank bldg, Pittsburgh, Pa.
Brady Electric Mfg. Co. (Ornamental Arc Lamp with Gooseneck), New Britain, Conn.
Brown H. L. Fence & Mfg. Co., Oakley, Cincinnati, O.
Carbo Corp. (Steel Angle), 538 S Clark, Chicago, Ill.
Chicago Steel Post Co. (Transmission), 208 S. La Salle, Chicago, Ill.
Creaghead Engineering Co., 340 Main, Cincinnati, O.
Diamond Steel Pole Co., Land Title bldg, Phila., Pa.
Electric Railway Equipment Co. (Wire-Locked Swedged Joint Tubular), Cincinnati, O.
Franklin Steel Works ("Tripartite," "Triangulate," Steel, Trolley, Power Transmissions and all Overhead Construction), Franklin, Pa.
Lundin Electric & Machine Co. (Ornamental Goose Neck), 10 Thatcher, Boston, Mass.
Milwaukee Steel Post Co. (Removable Steel Flag Staffs), 510 Iron blk, Boston, Mass.
Mott J. L. Iron Works (Ornamental), Trenton
Morris Elmer P. Iron Works, 136 Liberty, New York
Morris Iron & Steel Co. (Plain & Ornamental), Frederick, Md.
National Tube Co., Frick bldg, Pittsburg, Pa.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book

Poles (Lamp)

See Posts, Lamp, Arc & Tungsten

11368— Poles (Pike)

See also Tools, Logging

American Logging Tool Co., Evart, Mich.
Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Columbus Handle & Tool Co. ('Never Break"), Columbus, Ind.
Davenport Ladder Co. (Fire, etc.), Davenport, Ia.
Dicke Tool Co., Downers Grove, Ill.
Ellingwood Turning Co., West Paris, Me.
Klein Mathias & Sons (Guarded or Plain), 562 W Van Buren, Chicago, Ill.
Ransome-Leach Co., 115 Bway, New York
Warren Axe & Tool Co., Warren, Pa.

11369— Poles (Rug)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stephenson Mfg. Co., South Bend, Ind.

11370—Poles (Steel Tubular, Flag, Etc.)

McCurdy Bernard, 105 N 9th, Phila., Pa.
Simmons John Co., 110 Centre, New York

11370a— *Poles (Torch)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

11371— Poles (Tree Pruner)

Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.

11372— Poles (Trolley Car)

Anderson Albert & J. M. Mfg. Co., 289 A, Boston, Mass.
Columbia Machine Works & Malleable Iron Co. (Made of Steel Tubing), Atlantic av & Chestnut, Brooklyn, N. Y.
Electric Railway Equipment Co., Cincinnati, Ohio
Flood City Mfg. Co., Johnstown, Pa.
MORRIS E. K. & CO., 317 W 2d, Cincinnati, O.
National Tube Co. ("Shelby" Seamless Steel), Frick bldg, Pittsburgh, Pa.
Nuttall R. D. Co., McCandliss av & Harrison, Pittsburgh, Pa.
See adv index at end of book

11373—Poles (Trolley Street)

See also Poles, Iron & Steel

American Bridge Co. ("Shiffer"), 30 Church, New York
Carbo Corp. ("Carbo" Steel), 538 S Clark, Chicago, Ill.
Detroit Seamless Steel Tube Co., Detroit, Mich.
Diamond Steel Pole Co., Land Title bldg, Phila., Pa.
Electrical Material Co. (Seamless Steel Tubing), 618 W Jackson blvd, Chicago, Ill.
Electric Railway Equipment Co. (Iron & Steel), Cincinnati, O.
Franklin Steel Works ("Tripartite," "Triangulite"), Franklin, Pa.
Hartwell C. L. & Co. (Wood), Chicago Heights, Ill.
Holden & White, Fisher bldg., Chicago, Ill.
Morris Elmer P. Iron Works, 136 Liberty, New York
National Tube Co. ("SHELBY" Seamless Steel), Frick bldg., Pittsburgh, Pa.
Reading Iron Co., Reading, Pa.
Valley Forging Co. ("Pittsburgh Standard" Trolley Poles, Butt Welded & "Verona" Seamless Poles), Verona, Pa.

11374—Poles (Trolley, Reinforced)

(Old Worn Out Trolley Poles Reinforced)

Pittsburgh Reinforcing Pole Co., 435 6th av, Pittsburgh, Pa.

11374a—*Poles (Tubular Steel "National")

National Tube Co., Frick bldg, Pittsburgh, Pa.

11375— Poles (Vaulting)

Spalding A. G. & Bros., 126 Nassau, New York

Poles (Wagon)

See Shafts & Poles, Carriage & Wagon

11375a—*Poles (Western & Northern Cedar)

LINDSLEY BROS. CO., 72 W Adams, Chicago, Ill.

11376—Poles (Window Pull-Down)

Houchin Thomas W. Co. (Oak), 36 E 12th, New York
Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.

Poles & Posts (Wood)

See Ties, Poles & Posts

11376a Polish

Baum Bros. Co. (Brass), Denver, Colo.
Damon Specialty So. (Automobile), 902 South Hill, Los Angeles, Cal.
Flash Chemical Co. ("Flash," Silver), 160 2d, Cambridge, Mass.
Victrolene Company ("Victrolene," Automobile), 39 Pearl, Boston, Mass.
Wondermist Co. (Automobile), 261 Franklin, Boston, Mass.

11377— Polish (Cutlery)

Black Cat Polish Co. ("Prest-O"), 34 Washington, Buffalo, N. Y.
Dilg Mfg. & Trading Co. ("Dilg," "Defiance" & "Acme" Plate & Steel Polish), 401 E 163d New York
Hollingshead R. M. Co. ("Whiz," "Electro-Shine" Silver Paste & Powder), Camden, N. J.
Tanite Co. ("Tanite" Mills), Stroudsburg, Pa

11378— Polish (Floor)

American Chemical & Mining Co. ("Furnoil"), Atlanta, Ga.
Butcher Polish Co. ("Butchers Boston Polish for Hardwood), 356 Atlantic av, Boston, Mass.
Channell Chemical Co. ("O-Cedar"), 1419 Carroll av, Chicago, Ill.
Elite Polish Co., New Kensington, Pa.
O-So-Ezy Products Co., 1423 Carroll av, Chicago, Ill.
Wondermist Co., 261 Franklin, Boston, Mass.

11379— Polish (Furniture)

A. B. Polish Co. ("A. B."), 1515 Haddon av, Chicago, Ill.
Adams & Elting Co. ("Hy-Pol"), 726 Wash'n blvd, Chicago, Ill.
Alcatraz Co., Inc. ("A to Z"), 3200 Williamsburg av, Richmond, Va.
Alder Chemical Co., Mount Vernon, N. Y.
American Chemical & Mining Co. ("Big Chief"), Atlanta, Ga.
American Metal Polish Co. ("Meyers," "Universal," Paste, Putz, etc), West Somerville, Mass.
Aquart Mfg. Co., Chemical bldg, St. Louis, Mo.
Baum Bros. Co. ("New Finish"), Denver, Colo.

POLISH (FURNITURE)—continued

Black Cat Polish Co. ("Japola"), 34 Washington, Buffalo, N. Y.
Bradley & Vrooman Co., 2632 S Dearborn, Chicago, Ill.
Buffalo Specialty Co. ("Liquid Veneer"), 375 Ellicott, Buffalo, N. Y.
Cedarine Co., Clinton, N. Y.
Channell Chemical Co. ("O-Cedar" & "Cedarine"), 1419 Carroll av, Chicago, Ill.
Chief Kokomoko Specialty Co., Kokomo, Ind.
Cleaner Mfg. Co. ("Polishine"), 2842 Olive, St. Louis, Mo.
Cleanola Co. ("Cleanola," for All Varnish Surfaces), Fulton bldg, Pittsburgh, Pa.
Conners Wm. Paint Mfg. Co. ("American Seal"), Troy, N. Y.
Continental Mfg. Co. ("New Lustro"), Indianapolis, Ind.
Elite Polish Co., New Kensington, Pa.
Gerstendorfer Bros. ("Sapolin"), 221 E 42d, New York
Gold Medal Polish Co. ("Gold Medal"), Racine, Wis.
Great Western Oil Co. (Wax), 2846 E 37th, Cleveland, Ohio
Hayden C. W. Co., Toledo, O.
Heath & Milligan Mfg. Co. ("H. & M."), 1833 Seward, Chicago, Ill.
Imperial Polish Co., 54 N 2d, Phila., Pa.
Indian Refining Co., 244 Madison av, New York
Keep Bros. ("Nonequal"), 225 Sansom, Phila., Pa.
Lawrence W. W. & Co. ("Lustro"), N Carson, Pittsburgh, Pa.
Leggett & Bros. ("Leggett," "Owl Brand"), 301 Pearl, New York
Lewis Samuel ("Alphine Wax Oil"), 73 Barclay, New York
Lustre Mfg. Co., 16 W Kinzie,, Chicago, Ill.
Marshall Oil Co. of Iowa ("Marshall"), Marshalltown, Ia.
Martin-Senour Co., 2520 Quarry, Chicago, Ill.
Martin & Martin ("E-Z"), 3005 Carroll av, Chicago, Ill.
Monahan Antiseptic Co. (Silk Olive Oil), 166 N Curtis, Chicago, Ill.
Montauk Paint Mfg. Co. ("Montauk"), 2d av, cor. 13th, Brooklyn, N. Y.
Morris R. W. Mfg. Co. ("Golden Star"), 815 E 21st, Kansas City, Mo.
Moser Chas. Co., Cincinnati, O.
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
New England Oil, Paint & Varnish Co., Waters av, Boston, Mass.
Northwestern Mfg. Co., Indianapolis, Ind.
No Xal Polish Mfg. Co. ("No Xal"), 1238 Belmont av, Phila., Pa.
Nubian Paint & Varnish Co. ("Re-Vi-Var"), 1856 Leclaire av, Chicago, Ill.
O-So-Ezy Products Co., 1423 Carroll av, Chicago, Ill.
Patton Paint Co. ("Sunbright"), Milwaukee, Wis.
Perkins Wilbur C. & Co. ("Marvel"), 1925 S. Western av, Chicago, Ill.
Plunkett Chemical Co., 2540 Cottage Grove av, Chicago, Ill.
Polish Products Co., Kansas City, Mo.
Pratt B. G. Co. ("Hydrowax" for Cleaning & Polishing), 50 Church, New York
Puritan Soap Co. ("Varnisheen," "Puritan"), 496 Exchange, Rochester, N. Y.
Rath Mfg. Co. ("Ye-Olde-Homestead"), Hedley E. of Richmond, Phila., Pa.
Reid W. W. Mfg. Co. ("Waxol"), 204 Milk, Boston, Mass.
Rochester Chemical Co. ("Shinon"), Rochester, N. Y.
Sherwin-Williams Co., Cleveland, O.
Sonneborn L. Sons ("Amalie" Oil for Piano Furniture, Carriage Body, etc), 262 Pearl, New York
Standard Chemical Co. ("Cedro" Oil), Houston, Texas
Standard Oil Co. of N. Y. ("Matchless Liquid Gloss"), 555 W 25th, New York
Staples H. F. & Co. ("Staples Bee-Hive"), Medford, Mass.
Talley Co. ("Talco"), New Richmond, O.
Texas Co., 17 Battery pl, New York
Three-In-One Oil Co. ("Three-in-One"), 165 B'way, New York
Thumb E. W. ("Sunshine"), 872 Orleans, Chicago, Ill.
Ulrich & Co. ("A-O-K"), 363 E North, Buffalo, N. Y.
Van Tilburg Oil Co. ("Waxit"), 2428 University av, Mineapolis, Minn.
Victrolene Company ("Victrolene"), 39 Pearl, Boston, Mass.
Wadsworth - Howland Co. ("Jewell," "Liquid"), 225 N Carpenter, Chicago, Ill.
Wondermist Co., 261 Franklin, Boston, Mass.
World Polish Mfg. Co. ("Japanese"), York, Pa.

11380— Polish (Glass)

Cleaner Mfg. Co. ("Polishine"), 2482 Olive, St. Louis, Mo.
Forbes Benj. P. Co. ("Glasbrite"), Cleveland, O.
Hollinshead R. M. Co. ("Whiz"), Camden, N. J.
Monaham Antiseptic Co. (Velo Cut Glass), 166 N Curtis, Chicago, Ill.

Polish (Harness)

See Dressing, Carriage Top, Harness, etc.

11381— Polish (Soap)

Cudahy Packing Co. ("Gibson's"), 111 W Monroe, Chicago, Ill.
Monaham Antiseptic Co. (Silk Olive Oil), 166 N Curtis, Chicago, Ill.

Polish (Stove)

See Stove Polish

11382— *Polishers (Electric)

GEM MFG. CO. ("Gem," Flexible Shaft for Garages), Goebel, nr. Fulton, N. S., Pittsburgh, Pa.
See adv index at end of book
Wisconsin Electric Co. ("Dumore"), 600 Junction av, Racine, Wis.
See adv index at end of book

11382a—*Polishers (Finger Nail)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

11382b— Polishers (Nail)

Arlington Works The (E. I. du Pont de Nemours & Co.), 21 E 40th, New York

11383—Polishers (Shoe, Wool)

Reddick Lambs' Wool Polisher & Products Co., Harrison bldg, Phila., Pa.

11384— Ponolith

KREBS PIGMENT & CHEMICAL CO. ("Ponolith" Lithophone), Newport, Del.

11384a— Pontoons

Palmer-Simpson Co., Saranac Lake, N. Y.
Welen Marine Equipment Co., 305 Vernon av, Long Island City, N. Y.

11385— Poppers (Corn)

Bromwell Brush & Wire Goods Co., 612 W 6th, Cincinnati, O.
Brook Novelty Co., Brook, Ind.
Copeland G. T., Gloversville, N. Y.
Cretors C. & Co., 620 W 22d, Chicago, Ill.
Darby Edw. & Sons Co., 239 Arch, Phila., Pa.
Delphos Mfg. Co. ("Delphos" Sheet Iron), 1st & Pierce, Delphos, O.
Deshler Mail Box Co. ("Snow Flake"), Deshler, O.
Dorr Chas. M. Co. ("Hoosic"), Hoosick Falls, N. Y.
Elec. Machine Co., New Albany, Ind.
Gabel Mfg. Co., Hawkeye, Ia.
Gier Pressed Steel Co. ("Lansing," "Crown Top"), Lansing, Mich.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Holcomb & Hoke Mfg. Co., Indianapolis, Ind.
Kingery Mfg. Co. ("Kingery's"), 420 E Pearl, Cincinnati, O.
Lekbric Sales Co., Louisville, Ky.
Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
National Mfg. Co., ("Natwire"), Worcester, Mass.
Parker Wire Goods Co. (Reversible), Worcester, Mass.
Ressler G. S. & Son ("Star"), Lansing, Mich.
Reynolds Wire Co., Dixon, Ill.
Shotwell Mfg. Co., 1021 W Adams, Chicago, Ill.
Stutsman R O. Co. (Automatic), Des Moines, Iowa
Success Mfg. Co., Gloucester, Mass.
Utility Mfg. Co. ("Utility"), Sturgis, Mich.
Wickwire Bros., Cortland, N. Y.
Wire Goods Co., Worcester, Mass.
Woods-Sherwood Co. ("Sherwood," with Sliding Cover), Worcester, Mass.

11386— Porcelain Enameling

Chicago Hardware Foundry Co. (Grey Iron), North Chicago, Ill.

Send Corrections and Additions to the Publishers

THE Publishers do everything in their power to give complete and correct information in the Register. Nevertheless, a small proportion of omissions and errors are bound to occur. ¶ Purchasing Agents, Manufacturers and others noticing such omissions or errors will receive the grateful thanks of the publishers if they will send a note to the Editor -:- -:-

Cleveland Metal Products Co., Platt & C. & P. R. R. R., Cleveland, O.
GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis.
See adv index at end of book
Humphryes Mfg. Co., Mansfield, O.
Wheeler Reflector Co., 156 Pearl, Boston, Mass.

11386a—*Porcelain (Hard)

Ohio Pottery Co. ("Ohio"), Zanesville, O.
See adv index at end of book

11387—Porcelain Specialties (Electrical, Mechanical, Etc.)

Adamant Porcelain Co. (Hold Knob), East Liverpool, O.
Akron Smoking Pipe Co., Mogadore, O.
Am. Porcelain Co. (Standard & Special Shape), East Liverpool, O.
Brunt Tile & Porcelain Co., Columbus, O.
Bryant E. R., 81 High (Knobs & Cleats), Boston, Mass.
Burgess & Co. ("Porcelava"), East Liverpool, O
Capital Porcelain Mfg. Co. (Standard & Special Shapes), Trenton, N. J.
Colonial Sign & Insulator Co., Akron, O.
Cook Pottery Co., Trenton, N. J.
Davidson & Stevenson Porcelain Co. (Standard & Special Shapes), East Liverpool, O.
Electric Porcelain & Mfg. Co., Trenton, N. J.
Empire China Works, 156 Greene, Brooklyn, N. Y.
Findlay Electric Porcelain Co., Findlay, O.
Fletcher Mfg. Co. (Insulated Racks & Wire Holders), Dayton, O.
Freeman E. H. Electric Co., Trenton, N. J.
GENERAL ELECTRIC CO., Schenectady N. Y. *See adv index at end of book*
General Porcelain Co. (Standard & Special Shape), Parkersburg, W. Va.
Globe Porcelain Co., Trenton, N. J.
HARTER MFG. CO. (Bushings), 524 Clinton, Chicago, Ill.
Hartford Faience Co. (Electrical), Hartford, Conn.
Illinois Electric Porcelain Co., Macomb, Ill.
Imperial Porcelain Works, Trenton, N. J.
Jeffery-Dewitt Co., Butler av & Grand Trunk Ry., Detroit, Mich.
Locke Insulator Mfg. Co. (Electric), Victor, N. Y.
Michigan Porcelain Insulator Co. (Knobs & Cleats), Hastings, Mich.
National Electric Porcelain Co., Carey, O.
National Porcelain Co., Trenton, N. J.
National Tile Supply Co. (C. B. Knobs), 5100 Superior, Cleveland, Ohio
New Brunswick Porcelain Co., New Brunswick, N. J.
Ohio Pottery Co. ("Ohio" Pottery), Zanesville, O.
See adv index at end of book
Paragon Elec. Co. (Self-Tying Knob), 9 S Clinton, Chicago, Ill.
Pass & Seymour (Electrical Only), Solvay, N. Y.
Peru Electric Co. (Electrical Only), Peru, Ind.
Pittsburgh High Voltage Insulator Co. (Porcelain Insulators, Wall Bushings, Tubing, etc.), Derry, Pa.
Snyder-Hunt Co. (Insulators), Belle Plaine, Ia.
Star Metal Box Co., 509 W 19th, New York
Star Porcelain Co., Trenton, N. J.
Thomas R. & Sons Co., East Liverpool, O.
Trenton Porcelain Co., Trenton, N. J.
Union Electrical Porcelain Works, Trenton, N. J.
Union Porcelain W'ks, 300 Eckf'd, B'klyn, N. Y.
Universal Specialty Co. (Insulator), Terre Haute, Ind.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wheeling Tile Co., Wheeling, W. Va.
White Co. T. C. (Strain Insulators), 1122 Pine, St. Louis, Mo.

11388— Port Lights (Shin)

Delaware Marine Mfg. Co., B. & O. R. R. & Conrd., Wilmington, Del.
Gibson & Kirk Co., 217 Key Highway, Baltimore, Md.
Laughlin Thos. Co., Portland, Me.
Manitowoc Ship Building Co., Manitowoc, Wis.
Marine Hardware Co., Peabody, Mass.
Marine Mfg. & Supply Co., 158 South, New York
Sands A. B. & Son Co., 22 Vesey, New York
Torrey Roller Bushing Works, Bath, Me.
Wilcox, Crittenden & Co., Middletown, Conn.

11388a—*Portable Gravel Loaders & Screening Outfits

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

11389— Portable Houses

Aladdin Co. (Readi-Cut), Bay City, Mich.
American Portable House Co. (Wood of All Kinds), Seattle, Wash.
Anchor Corrugating Construction Co., 140 Washington, New York
Ashley Steel Buildings Co., Inc., 1790 B'way, New York
Austin Co. (Factory Building), 14230 Euclid av, Cleveland, O.
Baltimore Cooperage Co. (Fireproof), cor. Hanover & Creek, Baltimore, Md.
Bossert Louis & Son, 1335 Grand, Brooklyn, N. Y.
Bungalow Craftsman Co., Empire bldg, Seattle, Wash.
Case Mfg. Co. (All Steel), 117 Liberty, Jackson, Mich.
Chesebro Whitman Co., 1167 1st av, New York
Columbian Steel Tank Co. New England (Fireproof), Kansas City, Mo.
Ducker Co. (Iron & Wood), 299 B'way, N. Y.
Fire Proof Sanitary Housing Co., Portland, Ore.
Gold Medal Camp Furniture Mfg. Co., Racine, Wis.
Harry Bros. Co. ("Harry's," Galvanized Iron), Carr & I. C. R. R., New Orleans, La.

PORTABLE HOUSES—continued

Harry O. K. Steel Co. (Auto Garages), 2333-35 Papin, St. Louis, Mo.
Hastings Equity Grain Bin Mfg. Co., Hastings, Neb.
Hodgson Ernest F. Co., 116 Washington, Boston, Mass.
Howell, Field & Goddard (Metal), Review av, Long Island City, N. Y.
International Mill & Timber Co. (Cut to Fit), Bay City, Mich.
Kanneberg Roofing & Ceiling Co., Canton, O.
Karr Portable House Co., 2554 W Irving pk blvd, Chicago, Ill.
Lewis Mfg. Co. (Machine Cut), Bay City, Mich.
Mershon & Morley Co. (Cottages, Houses, Cabins, Ranches, Depots, Baths, Hospitals, etc, Portable for All Uses; also Portable Double Folding Beds, etc), Saginaw, Mich.
Millmade Construction Co., 548 Water, Portland, Ore.
National Builders Inc. (Knockdown), Saginaw, Mich.
National Home Building Co. (K. D.), Portland, Ore.
Pacific Porable Construction Co. (Cottages), Los Angeles, Cal.
Penn Metal Co. ("Penco" Metal), 65 Franklin, Boston, Mass.
Phenix Mfg. Co., Milwaukee Wis.
Portable Construction Co. (Of All Kinds for All Purposes), 50 Church, New York
Pruden C. D. Co. ("Prudential" Steel), Warner & Dock, Baltimore, Md.
Ready Built Home Co., Mystic, Conn.
Southern Foundry Co. (Steel), Owensboro, Ky.
Springfield Mfg. Co., Keene, N. H.
Steel Fabricating Co., Chicago Heights, Ill.
Told Easy House Mfg. Co., McClure, Pa.
U. S. Portable Building Co., 115 B'way, New York

11390—*Portable Houses (Metal)

EDWARDS MFG. CO., 545-565 Eggleston av, Cincinati, O.
See adv index at end of book

11391— Portables (Electric)

See also Lights, Desk, also Lamps, Incandescent Portable, Electric

Adjustable Fixture Co. (Dresser Light), 305 Mfrs. Home, Milwaukee, Wis.
Almar Mfg. Co., 47 W 34th, New York
Almond T. R. Mfg. Co., Ashburnham, Mass.
Amboy Works, Perth Amboy, N. J.
American Brass & Copper Co., 138 Lafayette, New York
American Electric Co., 6401 S State, Chicago, Ill.
American Elec. Equipment Co. (Bed Lite), Kansas City, Mo.
Amron Mfg. Co., 506 S Wells, Chicago, Ill.
Anderson Elec. Specialty Co., 562 W Van Buren, Chicago, Ill.
Art Lamp Mfg. Co., 1258 W 15th, Chicago, Ill.
Art Metal Works, 7 Mulberry, Newark, N. J.
Art Shade Co., 224 N Des Plaines, Chicago, Ill.
Art Wares Mfg., Indianapolis, Ind.
Bayley & Sons, 105 Vandeveer, Brooklyn, N. Y.
Beardslee Chandelier Mfg. Co., 237-39 S Jefferson, Chicago, Ill.
Beers Soles Co., Bridgeport, Conn.
Bergen Co., J. D., Meriden, Conn.
Berger Metal Mfg. Co. (Wood), 138 W 14th, New York
Bradley & Hubbard Mfg. Co., Meriden, Conn.
Brown W. B. Co. (Wood), Bluffton, Ind.
Caldwell Elec. Corp., Champaign, Ill.
Cassidy & Son, 101 Park av, New York
Central Cut Glass Co., 1114 E 63rd, Chicago, Ill.
Central Tel. & Elec. Co., 310 N 11th, St. Louis, Mo.
Chicago Lamp & Fixture Co., 411 S Sangamon, Chicago, Ill.
Chicago Reed Ware Co., 1517 Carroll av, Chicago, Ill.
Coffin Valve Co. ("Neponset," Portable Flood), Neponset, Boston, Mass.
Conneaut Metal Works, Conneaut, O.
Crescent Brass Mfg. Co., 8410 Lake av, Cleveland, O.
Crucet Mfg. Co., 256 W 28th, New York
Daggett & Curry, Waltham, Mass.
Daisy Woodcraft Co., Faribault, Minn.
Dale Lighting Fixture Co., 107 W 13th, New York
Eclipse Elec. Mfg. Co., St. Paul, Minn.
Edwards Ltg. Fixture Co., 65 E Lake, Chicago, Ill.
Empire Lamp Mfg. Co., 1214 W Madison, Chicago, Ill.
Farber S. W., 147 S 5th, Brooklyn, N. Y.
Faries Mfg. Co. (Adjustable), Decatur, Ill.
Federal Sign System, 640 W Lake, Chicago, Ill.
Feeny Edmond J. Co., Muncie, Ind.
Forg Peter Mfg. Co., Somerville, Mass.
Frank Mfg. Co., Rock Island, Ill.
Friedlaender Inc. Oscar O. (Imp. Alabaster), 40 Murray, New York
Friedman Joseph, 114 5th av, New York
Frink I. P., 24th & 10th av, New York
Goshen Novelty & Brush Co., Goshen, Ind.
Gracie Chas. R., 309 W 41st, New York
Gudeman & Co., 19 W 36th, New York
Handel Co., Meriden, Conn.
Handy Light Co., 215 Butler, Cincinnati, O.
Hawker Mfg. Co. W. S. (Universal), Dayton, O.
Herbert M. Co., 8 W. 22d, New York
Hersey & Co., A. H., Newark, O.
Heywood Bros & Wakefield Co., 516 W 34th, New York
Hinsdill Elec. Co., 550 Fulton, Troy, N. Y.
Ideal Lamps Mfg. Co., Faribault, Minn.
Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill.
International Shade Co., Springfield, Mass.
Jones Thomas C., 114 E 59th, New York
Keith Mfg. Co., Clinton, New York
Khouri Amin N., 6 E 18th, New York
Kittinger Furniture Co. (Wood Standards), 1893 Elmwood av, Buffalo, N. Y.
Kraushaar Brass Mfg. Co. (Adjustable; also Newels or Portables), 919 Pine, St. Louis, Mo.
Lamb Bros. & Greene (Metal & Wood), Nappanee, Ind.
Lauzon Furniture Co., Grand Rapids, Mich.
Lehman Bros., 197 Grand, New York
Lightening Studios Co., 220 W 42d, New York
Luminous Specialty Co., Indianapolis, Ind.
Lynch Co. Geo. C. (Reading), 235 5th av, New York
McKenny & Waterbury Co., 181 Franklin, Boston, Mass.
McLeod, Ward & Co., 430 11th av, New York
Manhattan Distributting Corp., 608 S Dearborn, Chicago, Ill.
Miller Edw. & Co., Meriden, Conn.
Modern Lamp & Shade Co. (Wood), 1100 S Wabash av, Chicago, Ill.
Mountain Community, 176 Madison av, New York
National Metalizing Co., 236 5th av, New York
National X-Ray Reflector Co., 233 W Jackson blvd, Chicago, Ill.
Neuhauser D. L., 326 W Grand av, Chicago, Ill.
New England Brass & Fixture Co., Boston, Mass.
Newman Mfg. Co., 717 Sycamore, Cincinnati, O.
Noe Wm. R. & Sons, 53 W 21st, New York
Novelty Art Glass Shade Co., 418 Prospect av, Cleveland, O.
Oberbeck Co., 415 Oswego, Chicago, Ill.
Ornate Mfg. Co., 200 5th av, New York
Overbagh & Ayres Mfg. Co. (Garage), 411 S Clinton, Chicago, Ill.
Pairpoint Corp. (Glass), New Bedford, Mass.
Palacheck Chas. & Bros. Co., 217 3d, Milwaukee, Wis.
Paragon Elec. Co., 9 S Clinton, Chicago, Ill.
Parker Chas. Co., Meriden, Conn.
Peerless Light Co., 813 W Adams, Halsted, Adams & Green, Chicago, Ill.
Pettingell-Andrews Co., 511 Atlantic av, Boston, Mass.
Phila. Lighting Specialty Co., Phila., Pa.
Phoenix Glass Co., 230 5th av, New York
Pittsburgh Lamp, Brass & Glass Co., Locust & River, Pittsburgh, Pa.
Play-O-Lite Co. (Piano), 1750 Main, Buffalo, N. Y.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Porter Company, 241 Water, New York
Pyramus Mfg. Co., 340 Canal, New York
Quaker City Brass Works, 336 N 3d, Phila., Pa.
Reddan Specialty Co., 25 W B'way, New York
Reliable Electric Co. (Desk Lamp), 411 S Sangamon, Chicago, Ill.
Rockford Light Furniture Co. (Wood), Rockford, Ill.
Rockford Peerless Furniture Co. (Wood), Rockford, Ill.
Rose Bro. & Co., Lancaster, Pa.
Rose Co., Chas. M., 118 E 28th, New York
Rose-Strauss Co., 209 W 48th, New York
Rose & Hastie, 754 Lexington av, Brooklyn, N. Y.
Royal Lamp Shade Co. (Wood), 39 E 19th, New York
Sales Development Co., 299 Madison av, New York
Savoy Art. Co., 13 W 20th, New York
Schwartz S. Robert & Bro., 729 B'way, New York
Shapiro & Aronson, 20 Warren, New York
Skelley Bracket Co., 1265 W 2d, Cleveland, O.
Straus & Son L., 42 Warren, New York
Supreme Lamp Co., 136 W 52d, New York
Tulper Pottery Co., Flemington, N. J.
Turchin Co., 536 W 23d, New York
Turner & Seymour Mfg. Co., Torrington, Conn.
Unique Art Glass & Metal Co., 105 Vanderveer, Brooklyn, N. Y.
United Arts & Crafts Workers, 129 5th av, New York
Universal Elec. Stage Ltg. Co. (Garage), 240 W 50th, New York
Uno-Lite Co. of America, Indianapolis, Ind.
Van Briggle Tile & Pottery Co., Colorado Springs, Colo.
Villmont P. S. & Co. (Wood), 20 W 22d, New York
Waldman John J. (Desk & Bed), 136 Liberty, New York
Warner C. B. & J., 138 W 14th, New York
Warshavsky, 187 B'way, Brooklyn, N. Y.
Waud Mfg. Co. (Wood), 1193 B'way, New York
Weidlich Bros. Mfg. Co., Bridgeport, Conn.
Weintraub Brass Mfg. Co., 142 W 14th, New York
Western Elec. Co., 463 West, New York
White J. H. Mfg. Co. (Zenith), 111 N 3d, Brooklyn, N. Y.
White O. C. Co. (Adjustable Floor, Desk, etc), Worcester, Mass.
Will & Baumer Co., Syracuse, N. Y.
Williamson R. & Co., Washington & Jefferson, Chicago, Ill.
Wirt Co., Germantown, Phila., Pa.
Wizard Elec. Lamp. Co., (Vacuum Cup Mir-O-Lite folding), San Francisco, Cal.
Wolff Wm. F. Co., 563 W 145th, New York
Young & Russell, 1027 Mifflin, Phila., Pa
Ypsilanti Reid Furniture Co., Ionia, Mich.

11391a— Porte-Cocheres

Tyler W. S. Co., Cleveland, Ohio.
See adv index at end of book

11392—Ports (Open Hearth Furnace)

Blair Engineering Co., 343 S Dearborn, Chicago, Ill.
Blaw Knox Co. ("Knox"), Farmers Bank bldg, Pittsburgh, Pa.

11393— Post Caps & Bases

Castle A. M. & Co. ("Castle," "Star" Steel or Malleable Post Caps & Grinder Supports), 1300 N Branch, Chicago, Ill.
Cheney S. & Son ("Zimmerman" Patent Iron Base), Manlius, N. Y.
Clark W. J. Co., Salem, O.
Covert H. W. Co. (Porch Columns), 351 Lexington av, New York
Creswell Samuel J. Iron Works, 23d & Cherry, Phila., Pa.
Decatur Cornice & Roofing Co., New Decatur, Ala.
Duplex Hanger Co. ("Duplex"), E 53d & Lakeside av, Cleveland, O.
Goetz Box Anchor, New Albany, Ind.
Hastings Foundry & Iron Works, Hastings, Neb.
Heughes F. L. & Co. ("Heughes"), Rochester, N. Y.

Ideal Hanger Co. ("Ideal"), Cleveland, O.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Londelius C. A. & Sons Co., 847 W 63d, Chicago, Ill.
Morris Elmer P. Iron Works, 136 Liberty, New York
Republic Structural Iron Works Co., 1350 E 53d, Cleveland, O.
Ritter Emil W. Co. ("Atlas"), 223 W Austin av, Chicago, Ill.
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Truscon Steel Co. ("Kahn" System), Youngstown, O.
Van Dorn Iron Works Co. ("Van Dorn" Wall & Steel), 2700 E 79th, Cleveland, O.

11394—Post Cards (Advertising)

Kropp E. C. & Co. (and Folders), Milwaukee, Wis.
Pictorial Post Card Co., Rochester, N. Y.

11395—Post Office Equipments

American Post Office Equipment Co., 343 S Dearborn, Chicago, Ill.
Federal Equipment Co., Carlisle, Pa.
Keyless Lock Co., Indianapolis, Ind.
McLane Mfg. Co., Milford, N. H.
Sadler Co. (Cabinets, etc), Indianapolis, Ind.
Shults H. H. Co., Gowanda, N. Y.
Waddell Co. (Routing Tables, Distributing Cases, etc.), Greenfield, O.
Yale & Towne Mfg. Co., 9 E 40th, New York

11396— *Poster Frames (Brass, Bronze & Wood)

Newman Mfg. Co., 717 Sycamore, Cincinnati, O., & 68 N Washington, Chicago, Ill. ***See adv index at end of book***

Posts (Arc Lamp)

See Posts, Lamp, Arc & Tungsten

11397— Posts (Binding)

American Pin Co. ("Ampinco"), Waterbury, Conn.
BARNES, THE WALLACE CO. ("Barnes-Made," Special), 18 Wallace, Bristol, Conn. *See adv index at end of book*
Bridgeport Brass Co., Bridgeport, Conn.
Bunnell J. H. & Co., 32 Park pl, New York
Chicago Nut Co., 2513 W 20th, Chicago, Ill.
Continental Electric Co., 1883 Park av, New York
Corbin Screw Corporation, New Britain, Conn.
Dickinson Mfg. Co., Springfield, Mass.
Fahnestock Electro Co. (Spring), Meadow, Long Island City, N. Y.
Foote, Pierson & Co., 160 Duane, New York
Hartford Machine Screw Co., Hartford, Conn.
International Brass & Electric Co. (Brass, etc), 76 Beekman, New York
Kellogg Switchboard & Supply Co., 1066 W Adams, Chicago, Ill.
Knott L. E. Apparatus Co. (High Grade for Scientific Work), 79 Amherst, Cambridge, Mass.
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
Menominee Electric Mfg. Co., Menominee, Mich.
MORSE FRANK W. (Brass), 289 Congress, Boston, Mass.
See adv index at end of book
National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.
Ostrander W. R. & Co., 371 B'way, New York
Partrick & Wilkins Co., 51 N 7th, Phila., Pa.
Porcelain Binding Post Co., Jersey City, N. J.
Railroad Supply Co., 203 S Dearborn, Chicago, Ill.
Royal Telephone Co., Milford, Ind.
Sloan Engineering Co., 246 Hall, Brooklyn, N. Y.
Springfield Machine Co., Springfield, Mass.
States Co., Hartford, Conn.
Trumbull Electric Mfg. Co., Plainville, Conn.
Victor Electric Co., Jackson blvd & Robey, Chicago, Ill.
Waterbury Mfg. Co., Waterbury, Conn.
Welch T. F. Co., 55 Sudbury, Boston, Mass.
Western Electric Co., 463 West, New York

11398—Posts (Car Bumping)

American Bridge Co., 30 Church, New York
Mason, Davis & Co. ("Gibralter"), 7740 S Chicago av, Chicago, Ill.
Mechanical Mfg. Co. ("Ellis"), Union Stock Yards, Chicago, Ill.
Railway & Traction Supply Co. ("Hercules"), 79 W Monroe, Chicago, Ill.
Scott John M. & Sons ("Hercules"), Racine, Wis.

11399— Posts (Concrete)

Birch S. & Sons Construction Co. (Hitching, etc), Fargo, N. D.
Electric Welding Co. (Fence), Benedum Trees bldg, Pittsburgh, Pa.

11400— Posts (Desk)

Berbecker & Rowland Mfg. Co. (Polished Brass), Waterville, Conn.

11400a—Posts (Drilling-Old Man)

Armstrong Bros. Tool Co. ("Armstrong" Old Man for Ratchet Drills, etc), 339 N Francisco av, Chicago, Ill.
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Irving Mfg. & Tool Co., 157 Chambers, New York
Keystone Mfg. Co. ("Keystone"), Buffalo, N. Y.
King A. R. Mfg. Co., Kingston, N. Y.
Lovejoy Tool Works ("Lovejoy" Base or Double Jaw), 319 W Ohio, Chicago, Ill.
Lutz-Webster Engineering Co., 3105 Grays Ferry av, Phila., Pa.

11400b— *Posts (Fence)

See also Posts (Iron and Steel)
DE FOREST SHEET & TIN PLATE CO., Niles, Ohio
See adv index at end of book

11401— Posts (Hitching)

See Posts, Iron & Steel

Adams Wm. Foundry Co., 960 N 9th, Phila., Pa.
Amos Chas. & Co., 640 Hart av, Detroit, Mich.
Anchor Post Iron Works, 167 B'way, New York
For branch offices see Alphabetical Section
Belmont Iron Works, 22nd & Wash av, Phila., Pa.
Bloomfield Mfg. Co., Bloomfield, Ind.
Bolles J. E. Iron & Wire Works, 4th & Porter, Detroit, Mich.
Campbell John, Manchester, N. H.
Carbo Corp., 538 S Clark, Chicago, Ill.
Champion Iron Co., Kenton, O.
Cheney S. & Son (Cast Iron), Manlius, N. Y.
Creswell Samuel J. Iron Works, 23d & Cherry, Phila., Pa.
Cyclone Fence Co. (Iron), Waukegan, Ill.
Decatur Cornice & Roofing Co., Decatur, Ill.
Dempster Mill Mfg. Co. (Cast Iron), Beatrice, Neb.
Donaldson Bros., Mount Clemens, Mich.
Dutton E. Q. & Co. (Cast Iron), Cato, N. Y.
Enterprise Iron Works, Indianapolis, Ind.
Gehret Bros., Bridgeport, Pa.
Gowanda Agricultural Works (Cast Iron), Gowanda, N. Y.
Hayes Pump & Planter Co. (Ornamental Cast Iron), Galva, Ill.
Hays Mfg. Co., Erie, Pa.
Hoosier Fence Co. (Cast Iron Horse Head, etc), Frankton, Ind.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Kokomo Fence Machine Co., Kokomo, Ind
Love M. A. Mfg. Co. (Cast Iron), Rockford, Ill.
Lyon Iron Works, Greene, N. Y.
Mast, Foos & Co. (Iron & Steel), Springfield, O.
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
Milwaukee Steel Post Co., 510 Iron blk Milwaukee, Wis.
Mostberger Iron Co., 878 S Division, Buffalo, N. Y.
Novelty Iron Works, Sterling, Ill.
Peter F. N. & Bro., Newside, Pa.
Pettler Steel Mat & Mfg. Co. (Wrought Steel), Beaver Falls, Pa.
Pfaff & Kendall (Iron), Newark, N. J.
Seiferlein & Malleis, Detroit, Mich.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
South Bend Foundry Co. (Cast Iron), South Bend, Ind.
Sterling Foundry Co. ("Best"), Sterling, Ill.
Stover Mfg. Co., Freeport, Ill.
Swett A. L. Iron Works, Medina, N. Y.
Weller Hardware & Foundry Co. (Cast Iron), Horseheads, N. Y.
Western Iron & Foundry Co., Wichita, Kans.
Woonsocket Machine & Press Co. (Cast Iron), Woonsocket, R. I.

11402— Posts (Indicator)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Bourbon Copper & Brass Works, Cincinnati, O.
Chapman Valve Mfg. Co. ("Chapman"), Indian Orchard, Mass.
Darling Pump & Mfg. Co., Williamsport, Pa.
Eddy Valve Co., Waterford, N. Y.
Flower-Stephen Mfg. Co., 107 Parkinson, Detroit, Mich.
Glamorgan Pipe & Foundry Co., Lynchburg, Va.
Kennedy Valve Mfg. Co., Elmira, N. Y.
Ludlow Valve Mfg. Co. (For Sprinkling Plants), ft of Adams, Troy, N. Y.
McNab & Harlin Mfg. Co., 55 John, New York
Pratt & Cady Co. ("P. & C."), Hartford, Conn.
Rensselaer Valve Co., Troy, N. Y.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

Posts (Iron Railing)

See Posts, Iron & Steel

11403— Posts (Iron & Steel)

See also Posts (Fence)

AMERICAN STEEL & WIRE CO (Steel Fence), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Amos Chas. & Co., 640 Hart av, Detroit, Mich.
ANCHOR POST IRON WORKS, 167 B'way, New York
For branch offices see Alphabetical Section
Bayley Wm. Co., Springfield, O.
Bloomfield Mfg. Co., Bloomfield, Ind.
Bond Steel Post Co. (Steel Fence), Adrian, Mich.
Buffalo Steel Co. ("Quick-Set," Steel Fence), Tonawanda, N. Y.
Carbo Corp. (Steel Fence), 538 S Clark, Chicago, Ill.
CHICAGO STEEL POST CO. (Steel Fence Posts & Wire Stays), 208 La Salle, Chicago, Ill.
Cincinnati Iron Fence Co. (Fence), Cincinnati, O.
Cyclone Fence Co., Waukegan, Ill.
De Forest Sheet & Tin Plate Co., Niles, Ohio *See adv index at end of book*
Donley Brothers Co., The (Clothes, Iron), 3625 E 74th, Cleveland, O.
See adv index at end of book
Enterprise Iron Works, Indianapolis, Ind.
Harmon Ed. F. (Steel), Rosewood, O.
Heltzel Steel Form & Iron Co., Warren, O.
See adv index at end of book
Hoosier Fence Co. (Cast Iron Fence), Frankton, Ind.
Hunt, Helm, Ferris & Co. (Fence), Harvard, Ill.
Inland Steel Co. (Rail Carbon Steel Fence), First Nat'l Bk bldg, Chicago, Ill.
Janesville Barb Wire Co. ("Apex" Steel Fence), Janesville, Wis.
Kitselman Bros. (Metal Fence), Muncie, Ind.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Metal Post & Culvert Co. (Metal Fence Posts), Niles, O.

POSTS (IRON & STEEL)—continued

Milwaukee Steel Post Co. (Steel Fence & Removable Steel Clothes Posts), 510 Iron blk, Milwaukee, Wis.
Morris Elmer P. Iron Works, 136 Liberty, New York
Mostberger Iron Co. (Clothes Posts), 878 S Division, Buffalo, N. Y.
National Tube Co. (Fence Tubular Steel), Frick bldg, Pittsburgh, Pa.
Peter F. N. & Bro., Newside, Pa.
Pittsburgh-Des Moines Steel Co. (Lintels), 4th & Ross, Pttsburgh, Pa.
See adv index at end of book
Pressed Steel Car Co. (Pressed steel, Side, End, Door & Window), 307 5th av, Pittsburgh, Pa.
Reder Foundry Co. (Cast Iron Fence, etc), 3536 S. Oakley av, Chicago, Ill.
Republic Iron & Steel Co., Youngstown, O.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
Selway Steel Post Co. (Galvanized Steel Fence), 220 S State, Chicago, Ill.
Smith F. P. Wire & Iron Works ("Hercules," "Supreme" Fence), 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Spuck Iron & Foundry Co., 14th & Branch, St. Louis, Mo.
Taylor & Co., 680 Morgan av, Brooklyn, N. Y.
United Iron Works Co., Kansas City, Mo.
Western Steel Car & Foundry Co. (Pressed Steel Side, End, Door & Window), 37 W Van Buren, Chicago, Ill.
Wright Metal Mfg. Co. (Fence), Anderson, Ind.

11404— Posts (Lamp)

Allen D. E., Yonkers, N. Y.
Aylward Sons & Co., Neenah, Wis.
Belmont Iron Works, 22d & Wash av, Phila., Pa.
Biggin Charles P. Co., 1829 Harlan, Phila., Pa.
Brady Elec. Mfg. Co., New Britain, Conn.
Cabaret Paul E. & Co. (Bronze), 126 11th, av, New York
Carbo. Corporation, Chicago Heights, Ill.
Casey-Hedges Co. (Electric & Gaslight), Chattanooga, Tenn.
Central Elec. Co., 320 S. 5th av, Chicago, Ill.
Central Foundry Co. (Cast Iron), 90 West, New York
Champion Iron Co., Kenton, O.
Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
Concord Foundry & Machine Co., Concord, N. H.
Creswell Samuel J. Iron Works, 23d & Cherry, Phila., Pa.
Cutler, Geo. & Co., 415 Notre Dame, So. Bend, Ind.
Davies & Thomas Co. (Cast Iron), Catasauqua, Pa.
Davis & Farnum Mfg. Co., Waltham, Mass.
Dearborn Fdry & Co., 1922 Archer av, Chicago, Ill.
Donaldson Iron Co., Emaus, Pa.
Drummond M. J. & Co., 51 Chambers, New York
Eisenberg M. & Son, New York
Fargo Fdry. Co., Fargo, N. Dak.
Fiske J. W. Iron Works, 80 Park pl, New York
Flour City Ornamental Iron Works (Street, Ornamental Iron), 27th st & 27th av, Minneapolis, Minn.
Franklin Steel Co., Franklin, Pa.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Hastings Foundry & Iron Works, Hastings, Neb.
Hecla Iron Works, 118 N 11th, Brooklyn, N. Y.
Henry-Bonnard Bronze Co. (Bronze & Ornamental Iron), 20 Exchange pl, New York
Heughes F. L. & Co., Rochester, N. Y.
Independent Foundry Co., 743 York, Portland, Ore.
Jackson Wm. H. Company, 2 W 47th, New York
Keokuk Hydraulic Tire Setter Co., Keokuk, Ia.
Kramer Bros. Foundry Co., Dayton, O.
Luminous Unit Co., Jefferson & Washington avs, St. Louis, Mo.
Marty Fdry Co., Meridian, Miss.
Mesker Geo. L. & Co. (Cast Iron), Evansville, Ind.
Modern Iron Works, Quincy, Ill.
Morris Elmer P. Iron Works, 136 Liberty, New York
Morris Iron & Steel Co. (Ornamental), Frederick, Md.
Mott J. L. Iron Works, Trenton, N. J.
National Tube Co. (Electric), Frick bldg, Pittsburgh, Pa.
Nordeen H. G., Everett, Wash.
Northwest Harvester Co. (Ornamental Iron), Spokane, Wash.
Olympic Foundry Co. (Ornamental Cast Iron), Seattle, Wash.
Parsons G. W. Co., Newton, Ia.
Paxton & Vierling Iron Works (Ornamental), Omaha, Neb.
Penna. Globe Gas Light Co., 1934 Market, Phila., Pa.
Pevey Foundry Co., Lowell, Mass.
Phila. Electric & Mfg. Co., 1236 N 31st, Phila., Pa.
Richey, Browne & Donald, Flushing av, Maspeth, N. Y.
St. Paul Fdry Co., St. Paul, Minn.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Smith G. W. & F. Iron Co., Gerard, Rox., Boston, Mass.
Smyser, Royer Co., York, Pa.
Spuck Iron & Foundry Co. (Cast Iron), 14th & Branch, St. Louis, Mo.
Stacey Bros. Gas Construction Co., Sta. P, Cincinnati, Ohio
Sterling Foundry Co. ("Best"), Sterling, Ill.
Sun Vapor & Gas Street Light Co., Canton, O.
Tyler W. S. Co., Cleveland, O.
See adv index at end of book
Union Metal Mfg. Co. (Pressed Steel), Canton, O.
United Iron Works Co., Kansas City, Mo.
Wallace Machine & Foundry Co. (Ornamental), Lafayette, Ind.
Wells Architectural Iron Co., River av & 151st, New York
Winslow Bros. Co., 4600 Harrison, Chicago, Ill.

11405—Posts (Lamp, Arc & Tungsten)

Adams-Bagnall Electric Co. ("Jandus Luxolabora"), Cleveland, O.
Allen D. E., Yonkers, N. Y.
American Bridge Co., 30 Church, New York
Aylward Sons & Co., Neenah, Wis.
Brady Elec. Mfg. Co., New Britain, Conn.
Carbo Corporation, Chicago Heights, Ill.
Casey-Hedges Co., Chattanooga, Tenn.
Central Elec. Co., 320 S 5th av, Chicago, Ill.
Cutter Geo. Co., South Bend, Ind.
Cutter Geo. & Co., 415 Notre Dame, So. Bend, Ind.
Davenport Mach. & Fdry Co., Davenport, Ia.
Dearborn Fdry. & Co., 1922 Archer av, Chicago, Ill.
Electric Railway Equipment Co., Cincinnati, O.
Eysenberg M. & Son, 165 Grand, New York
Fargo Fdry. Co., Fargo, N. Dak.
Flour City Ornamental Iron Works, 27th st & 27th av, Minneapolis, Minn.
Franklin Steel Co., Franklin, Pa.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Hecla Iron Works, 118 N 11th, Brooklyn, N. Y.
Herzog Iron Works, St. Paul, Minn.
Hessler Foundry & Mfg. Co., Oswego, N. Y.
King Foundry Co. ("Kings"), St. Joseph, Mo.
Kramer Brothers Foundry Co., Dayton, O.
Line Material Co., South Milwaukee, Wis.
Love Bros., Aurora, Ill.
Luminous Unit Co., Jefferson & Washington avs., St. Louis, Mo.
Lundin Elec. & Machine Co., 16 Thatcher, Boston, Mass.
McDonnell Boiler & Iron Works, Des Moines, Ia.
Marty Fdry. Co., Meridian, Miss.
Meyers Fred'k J. Mfg. Co., Hamilton, O.
See adv index at end of book
Minneapolis Steel & Machine Co., 29th & Drexel, Minneapolis, Minn.
Morris Elmer P. Iron Works, 136 Liberty, New York
Morris Iron & Steel Co., Frederick, Md.
Mott J. L. Iron Works, Trenton, N. J.
Nordeen H. G., Everett, Wash.
O'Brien Bros. ("Columbus"), 276 W Main Columbus, O.
Ornamental Lighting Pole Co., 114 Liberty, New York
Paxton & Vierling Iron Works, Omaha, Neb.
Pettyjohn Co., Terre Haute, Ind.
Phila. Electric & Mfg. Co., 1236 N 31st, Phila., Pa.
St. Paul Fdry. Co., St. Paul, Minn.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Smyser, Royer Co., York, Pa.
Southern Wheel Co., Railway Exch. bldg, St. Louis, Mo.
Spuck Iron & Foundry Co., 14th & Branch, St. Louis, Mo.
Thomasville Iron Works, Thomasville, Ga.
Union Foundry Co., Anniston, Ala.
Union Metal Mfg. Co. ("Union," Cast Iron Base Pressed Steel or Copper Shaft), Canton, O.
United Iron Works Co., Kansas City, Mo.
Wallace Machine & Foundry Co., Lafayette, Ind.
Western Gas Construction Co., Fort Wayne, Ind.
Winslow Bros. Co., 4600 Harrison, Chicago, Ill.

11406— Posts (Mooring)

Bayonne Bolt & Nut Co., Bayonne, N. J.
Harry L. C. Co., 114 Liberty, New York

When writing to firms whose names appear in this book please mention
HENDRICKS' COMMERCIAL REGISTER.

11407—Posts (Pawl, for Tugs)

Superior Iron Works Co. (For Power), Superior, Wis.

11408— Posts (Railing, Brass & Bronze)

Gerdes & Co., 42 Church, New York
See adv index at end of book
GORHAM CO. ARCH'L BRONZE, 5th av & 36th, New York. Works: Providence, R. I. *See adv index at end of book*
Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 W. Washington, Chicago, Ill. *See adv index at end of book*
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book

11409— Posts (Stanchion)

Donley Brothers Co., The, 3625 E 74th, Cleveland, O.
See adv index at end of book
Wilcox, Crittenden & Co., Middletown, Conn.

11410— Posts (Standard)

Ludlow Valve Mfg. Co. (For Valves & Sluice Gates), ft of Adams, Troy, N. Y.

11410a— Posts (Sunning)

Hamblet & Hayes Co. (For Patent Leather Mfrs.), Boston, Mass.

Posts (Tungsten Lamp)

See Posts, Lamps, Arc & Tungsten

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11411-2— Potash

Adams Fred C. Co. (Caustic), 234 S. La Salle, Chicago, Ill.
Alexanyder G. S. & Co. Inc., (also Muriate Brokers), 61 B'way, New York
See adv index at end of book
American Agricultural Chemical Co. (Imp), 2 Rector, New York
Ashcroft Wilkinson Co. (22% K. 20), Atlanta, Ga.
Baker H. J. & Bro. (Salts, Muriate Sulphate, Imp.), 81 Fulton, New York
Baugh & Sons Co. (Dealers), 20 S Delaware av, Phila., Pa.
Chrystal Chas. B., 13 Cliff, New York
See adv index at end of book
Coplay Cement Mfg. Co. (Flue Dust Potash & For Commercial Purposes), Coplay, Pa.
Daigger A. & Co., 511 W Kinzie, Chicago, Ill.
Feuchtwanger L. & Co. (Silicate), 136 Liberty, New York
Fort Hill Chemical Co. (Chlorate), Rumford Falls, Me.
German Kali Works (Imp) (Muriate of, Sulphate of), 42 B'way, New York
Grasselli Chemical Co. (Salts, Muriate, etc, imported), Guardian bldg, Cleveland, O.
Griffiths K. F. & Co., 81 Fulton, New York
Harshaw, Fuller & Goodwin Co., Cleveland; New York & Philadelphia.
Heller, Jos. S. (Muriate, etc. Imp.), 62 William, New York
Hirsh Leon & Son (Pearl Ash), 368 Greenwich, New York
Innis, Speiden & Co., Inc. (Importers of All Kinds), 46 Cliff, New York
See adv index at end of book
International Agricultural Corp. (Salts), 61 B'way, New York
Jones Enos F. Chemical Co. (Pearl Ash), 51 Jay, New York
Klipstein A. & Co. (Carbonate Caustic, etc, Imp), 644 Greenwich, New York
Lorned Mfg. Co., Long Beach, Cal.
McKesson & Robbins (Imp, Salts, Cyanide, etc) 91 Fulton, New York
Mallinckrodt Chemical Works (Caustic), 2d & Mallinckrodt, St. Louis, Mo.
Mechling Bros. Mfg. Co. (Granulated (Caustic), Camden, N. J.
National Aniline & Chemical Co., Inc. Chlorate, Cyanide & Prussiate), 21 Burling Slip, New York
National Electrolytic Co. (Chlorate), Niagara Falls, N. Y.
Natural Products Refining Co. (Bichromates), 902 Garfield av, Jersey City, N. J.
New Orleans Acid & Fertilizer Co. (Muriate, Sulphate, etc.), Gretna, La.
Niagara Alkali Co. (Electrolytic Caustic), Niagara Falls, N. Y.
Nitrate Agencies Co. (Muriate, Sulphate, etc, Imp), 102 Pearl, New York
North American Chemical Co. (Chlorate, etc), Bay City, Mich
Partola Mfg. Co, 160 2nd av, New York
Passolt Henry Co., Saginaw, Mich.
Penn Chemical Works (Powdered Caustic), 1332 Washington av. Phila., Pa.
Peters-White & Co. (Caustic, Imported), 55 John, New York
Powers - Weightman - Rosengarten Co., 916 Parrish, Phila., Pa.
Riker J. L. & D. S. (Caustic, Imp), 19 Cedar, New York
Roessler & Hasslacher Chemical Co. (Prussiate, Carbonate, Caustic, Chlorate, etc), 100 Williams, New York
Takamine Laboratory, Inc. (Imp. Chlorate, Muriate & Caustic), 120 B'way, New York
Tupelo Fertilizer Factory (Importers Muriate of Potash), Tupelo, Miss.
Utah Potash Co., Trenton, N. J.
Walter Edw. J. Co. (Salts, Brokers), American bldg, Baltimore, Md.
Welch, Holme & Clark Co. (Caustic & First Sorts), 383 West, New York
Western Industries Co. (Salts), 110 Sutler, San Francisco, Cal.
White Thos. H. & Co. (Muriate, etc), 11 S Gay, Baltimore, Md.
Wiarda Jno. & Co. (Bichromatic, Black Rock, Cyanide, First Sorts, Flouride, Nitrate, Sulphuret), 273 Greene, Brooklyn, N. Y.

Potash (Bicarbonate)

(See Potassium Bicarbonate)

Potash (Bichromate)

(See Potassium Bichromate)

11413—*Potash (Caustic Fused)

Alexander G. S. & Co., Inc. (Brokers), 61 B'way, New York
See adv index at end of book
Daigger A. & Co., 54 W Kinzie, Chicago, Ill.
INNIS, SPEIDEN & CO., INC. (Broken, Sticks, all Tests), 46 Cliff, New York
See adv index at end of book

11414— Potash Chlorate

C. P. N. CHEMICAL CO., INC., 78 Reade, New York & 231 W Huron, Chicago, Ill.

Potash (Permanganate)

(See Potassium Permanganate)

11414a—Potash (Prussiate)

C. P. N. CHEMICAL CO., INC. (Red or Yellow), 78 Reade, New York, & 231 W Huron, Chicago, Ill.

11414b—Potassium Bicarbonate

Klipstein & Co., 644 Greenwich, New York
Mutual Chem. Co. of America, 55 John, New York
Roessler & Hasslacher Chemical Co., 100 William, New York

11415—Potassium (Bichromate)

Alexander G. S. & Co., Inc. (Brokers), 61 B'way, New York
See adv index at end of book
C. P. N. CHEMICAL CO., INC., 78 Reade, New York; 231 West Huron, Chicago, Ill.
Drakenfeld B. F. & Co. (Imp), 50 Murray, New York
Klipstein A. & Co., 644 Greenwich, New York
Mutual Chemical Co. of America, 55 John, New York
Roessler & Hasslacher Chemical Co., 100 William, New York
Takamine Laboratory, Inc. (Imp.), 120 B'way, New York

11416— Potassium Bromide

Dow Chemical Co. (Granular & Crystals), Midland, Mich.
Drakenfeld B. F. & Co. (Imp), 50 Murray, New York
Halogen Chemical Co., Bay City, Mich.

Potassium Carbonate

(See Carbonate of Potash)

11416a—Potassium Carbonate Calcined)

Drakenfeld & Co. (Imp.), 120 B'way, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

11416b—Potassium-Ferri Cyanide

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

11416c—Potassium-Ferro Cyanide

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

Potassium Nitrate

(See Nitrate of Potassium)

11417—Potassium Metabisulphite

Bischoff C. & Co. (Imp), 451 Washington, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

11417a—Potassium Permanganate

C. P. N. CHEMICAL CO., INC., 78 Reade New York; 231 W Huron, Chicago, Ill.
Daigger A. & Co., 54 W Kinzie, Chicago, Ill.
Fuller Ralph L. & Co., Inc., 2 Rector, New York. *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Roessler & Hasslacher Chemical Co., 100 William, New York
Takamine Laboratory Inc. (Imp.), 120 B'way, New York

11418—Potato Coverers & Hillers

Allen S. L. & Co. ("Planet, Jr."), Denckla bldg, Phila., Pa.
Caledonia Bean Harvester Works, Caledonia, N. Y.
Champion Drill Co., Avon, N. Y.
Dorsch John & Sons (Combination Hiller & Digger), 209 Wells, Milwaukee, Wis.
Doughten H. W. ("Darnell's" Furrower & Coverer), Moorestown, N. J.
Eddy W. Plow Co. (Coverer), Greenwich, N. Y.

POTATO COVERERS & HILLERS—cont'd
Empire Plow Co., Cleveland, O.
Everts Mfg. Co., Meridian, N. Y.
Hirsch Bros. (Hiller), 267 Reed, Milwaukee, Wis.
Le Roy Plow Co., Le Roy, N. Y.
Munnsville Plow Co., Munnsville, N. Y.
Sargent, Osgood & Roundy Co. (Hiller), Randolph, Vt.
Sweet Geo. Mfg. Co. (Hiller, Dansville, N. Y.
Syracuse Chilled Plow Co., Syracuse, N. Y.

11419— Potentiometers

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Leeds & Northrup Co. ("Brook's"), Stenton av, Gtn., Phila., Pa.
Queen-Gray Co., 618 Chestnut, Phila., Pa.

11419a— Potentiostats

U. S. E. M. Co., 301 W 37th, New York

11420— Potheads & Sleeves

Barcy-Nicholson Co., 837 W Fort, Detroit, Mich.
Bissell F. Co., Toledo, O.
Brady Electric Mfg. Co., New Britain, Conn.
Colonial Sign & Insulator Co. ("Colonial" All Porcelain, Potheads), Akron, O.
Cook Frank B. Co., 326 W Madison, Chicago, Ill.
Electrical Engineers Equipment Co., 711 Meridian, Chicago, Ill.
G. & W. Electric Specialty Co. ("G. & W." Detachable Porcelain), 7440 S Chicago av, Chicago, Ill.
Minerallac Electric Co., 1045 Washington bl, Chicago, Ill.
Moon Mfg. Co. (Self Soldering), 122 N Jefferson, Chicago, Ill.
OKONITE CO. ("Candee"), 501 Fifth av, New York. *See adv index at end of book*
Protective Elect'l Supply Co., Fort Wayne, Ind.
Specialty Device Co. ("Bierce"), 112 W 3d, Cincinnati, O.
Standard Underground Cable Co., Pittsburgh. Pa.
Western Elec. Co., 463 West, New York

11421— Pots (Acid)

Devine J. P. Co., Buffalo, N. Y.
Duriron Castings Co., Dayton, O.

11422— Pots (Annealing)

Blaw-Knox Co., Farmers' Bank bldg, Pittsburgh, Pa.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*
Continental Iron Works, West & Calyer, Brooklyn, N. Y.
Eclipse Fuel Engineering Co. (Pressed Steel), Rockford, Ill.
Garwood Bronze & Iron Works, Garwood, N. J.
Globe Malleable Iron & Steel Co., 101 Greenway av, Syracuse, N. Y.
Mackenzie's Duncan Sons Co., Trenton, N. J.
Manitowoc Engineering Works, Manitowoc, Wis.
Metals Production Equipment Co., Springfield, Mass.
Morgan Construction Co., Worcester, Mass.
Philadelphia Roll & Machine Co. (For Wire, Steel & Iorn), 25th & Washington, Phila., Pa.
Pressed Steel Tank Co. (Seamless, Steel), 58th & Greenfield av, Milwaukee, Wis.
Smith Geo. H. Steel Casting Co. (Steel), 500 Clinton, Milwaukee, Wis.
Strong, Carlisle & Hammond Co., 336-344 Frankfort av, N W, Cleveland, O.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.
Zanesville Malleable Co., Zanesville, O.

11423—Pots (Asphalt & Mastic)

Evans F. H. (Est. of), 31 Hewes, Brooklyn, N. Y.

11424— Pots (Bean)

Dorchester Pottery Works, 9 Preston, Boston, Mass.
Wingender Chas. & Bros., Haddonfield, N. J.

Pots (Burnishing)

See Stoneware, Chemical

11425—*Pots (Case Hardening)

Wharton Wm. Jr. & Co., Inc. (Cast Steel), Easton, Pa.

Pots (Caustic)

See Pots, Chemical

11426— Pots (Chemical)

Bethlehem Foundry & Machine Co. (Cast Iron), South Bethlehem, Pa.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*
Devine J. P. Co., Buffalo, N. Y.
Farrar & Trefts, Inc., Buffalo, N. Y.
Garwood Bronze & Iron Works, Garwood, N. J.
Marshall Foundry Co., Pittsburgh, Pa.
Moore Sam'l L. & Sons, Elizabeth, N. J.

11427— Pots (Cinder)

Marshall Foundry Co., Pittsburgh, Pa.

Pots (Decanting)

See Stoneware, Chemical

Pots (Dross)

See Kettles, Dross

11428— Pots (English)

Birmingham Stove & Range Co. (Cast Iron), Birmingham, Ala.
Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
Glascock Stove & Mfg. Co., Greensboro, N. C.
Indiana Hollow Ware Co. (Cast Iron), Jeffersonville, Ind.
Mountain City Stove & Mfg. Co., Chattanooga, Tenn.

11429— Pots (Fire)

See also Furnaces, Gasoline Blast; also Furnaces, Soldering

American Brass & Copper Co. ("American"), 138 Lafayette, New York
Ashton Mfg. Co. ("Red Hot" Gasoline), 184 Emmet, Newark, N. J.
Berger Bros. Co., 229 Arch, Phila., Pa.
Best Light Co., 477 Second N E, Canton, Ohio
Canedy-Otto Mfg. Co. ("Royal" Needs No Clay), Chicago Heights, Ill.
Clayton & Lambert Mfg. Co. (Gasoline Soldering, Kerosene, Canners', Electricians' & Lineman's, Plumbers' & Tinners', etc), 205 Piquette av E, Detroit, Mich.
Detroit Heating & Lighting Co. (Tinners'), Detroit, Mich.
Diener Geo. W. Mfg. Co. ("Torrid"), 400 Monticello av, Chicago, Ill. *See adv index at end of book*
Double Blast Mfg. Co. ("Lundy Double Blast"), North Chicago, Ill.
Globe Gas Light Co. ("Barthel"), 25 Union, Boston, Mass.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Kemp C. M. Mfg. Co. ("Climax," Gas), 405 E Oliver, Baltimore, Md.
NIAGARA MACHINE & TOOL W'KS, (Charcoal, Gas, etc), Buffalo, N. Y. *See adv index at end of book*
Quinn Mfg. Co. ("Quinn's"), Detroit, Mich.
Reliable Stove Co., Cleveland, O.
Tirrill Gas Machine Lighting Co., 103 Park av, New York
Turner Brass Works, Sycamore, Ill.
Wotherspoon Jas. R. (Tinsmiths), 238 N Front, Phila., Pa.

11430— Pots (Flower)

Bird & Son ("Neponset" Waterproof Paper), East Walpole, Mass.
Cambridge Tile Mfg. Co., Covington, Ky.
Detroit Flower Pot Mfg. Co., Lafferty & Howard, Detroit, Mich.
Findlay Clay Pot Co., Findlay, O.
Goodwin Bros. Pottery Co., Elmwood, Conn.
Hall Concrete Products Co. ("Artcrete"), Grassland, Pa.
Hews A. H. & Co., Cambridge, Mass.
Hilfinger Bros., Fort Edward, N. Y.
Ionia Pottery Co., Ionia, Mich.
Keller Pottery Co., Norristown, Pa.
Mt. Gilead Tile & Pottery Co., Mt. Gilead, O.
Peters & Reed Pottery Co. (Also Jardineres), Zanesville, O.
Pfaltzgraff Pottery Co., York, Pa.
Rochelle F. W. & Sons (Paper), Chester, N. J.
Springfield Clay Mfg. Co., Springfield, O.
Standard Toy Marble Co., Akron, O.
Syracuse Pottery, 713 E Division, Syracuse, N. Y.
Uhl Pottery Co., Evansville, Ind.
Washington Brick, Lime & Sewer Pipe Co., Spokane, Wash.
Whilldin Pottery Co., 713 Wharton, Phila., Pa.

Pots (Galvanizing)

See Kettles, Galvanizing

Pots (Glass Melting)

See Glass House Clay Supplies

11431— Pots (Glue)

See also Heaters, Glue

Advance Machinery Co., Toledo, O.
BECK CHAS. CO., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Grammes L. F. & Sons, Allentown, Pa. *See adv index at end of book*
Indiana Hollow Ware Co., Jeffersonville, Ind.
Kraft A. C., 323 W Lake, Chicago, Ill.
NASON MFG. CO., 71 Fulton, New York *See adv index at end of book*
Reading Saddle & Mfg. Co. ("Home," Household), Reading, Pa.
WESTINGHOUSE ELECTRIC & MFG. CO. (Electric), East Pittsburgh, Pa. *See adv index at end of book*

11432— Pots (Lead)

Emery Mfg. Co., Bradford, Pa.
McAleenan Bros. Co., 25th & A. V. R. R., Pittsburgh, Pa.
Sperry D. R. & Co. (For Mixing White Lead & Oil, etc.), Batavia, Ill.

11433— Pots (Marking)

AMERICAN CAN CO., 120 Broadway, New York *See adv index at end of book*
Atlanta Rubber Stamps & Stencil Works, Atlanta, Ga.
Binney & Smith Co. (Cylindo), 81 Fulton, New York
Bradley A. J. Mfg. Co. ("Bradley" Combination, Ball Marking & Stencil), 101 Beekman, New York
Central Stamping Co., 174 Fulton, New York
Elliott Mfg. Co., Warren, Ill.
GEUDER, PAESCHKE & FREY CO. (Pieced Tin), Milwaukee, Wis. *See adv index at end of book*
Kraft A. C., 323 W Lake, Chicago, Ill.
National Enameling & Stamping Co., 411 5th av, New York
Sexton Can Co., 228 Franklin, Boston, Mass.
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.
Sullivan-Geiger Co., Indianapolis, Ind.

11434— Pots (Melting)

Advance Machinery Co., Toledo, O.
Advance Mfg. Co., Erie, Pa.
American Elec. Heater Co., Burroughs, Detroit, Mich.
American Fdry. & Mfg. Co., 11th & Herbert, St. Louis, Mo.
American Welding Co. (For Lead, etc.), Carbondale, Pa.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Canton Foundry & Machine Co. (Cast Iron), Canton, O.
Clark W. J. Co., Salem, O.
Crane Wm. M. Co. ("Vulcan"), 16 W 32d, New York
Francis Charles E. Co., Rushville, Ind.
Garwood Bronze & Iron Works, Garwood, N. J.
Glenn Fred. E., St. Charles, Ill.
Gwynn-Bacon Vulcanizer Co., 3213 Locust, St. Louis, Mo.
Hulbert Electro Steam Mfg. Co., 200 Tehama, San Francisco, Cal.
International Elec. Co., Indianapolis, Ind.
Koven L. O. & Bro., 154 Ogden av, Jersey City. N. J. *See adv index at end of book*
Mabey's Elec. Mfg. Co., Indianapolis, Ind.

Monarch Engineering & Mfg. Co., American bldg, Baltimore, Md.
Philadelphia Roll & Machine Co. (Steel & Iron), 25th & Washington av, Phila., Pa.
Simplex El. Htg. Co., 85 Sydney, New York
Stevens Frederick B. (Babbitt Metal), 3d & Larned, Detroit, Mich.
Strong, Carlisle & Hammond Co., 336-344 Frankfort av N W, Cleveland, O.
Union Iron Works (Lead Melting), Hoboken, N. J.
Vulcan Elec. Htg. Co., 107 W 13th, New York
Wilfong Millard F. Iron Works Co., 5199 Gray's av, Phila, Pa.

11435— Pots (Mixing)

Bethlehem Foundry & Machine Co., So Bethlehem, Pa.
Graham Chas. Chemical Pottery Works (Stoneware), 986 Met av, Brooklyn, N. Y.

Pots (Nitre)

See Pots, Chemical

11436— Pots (Paint)

Sexton Can Co. ("Sexton's" Tapering Iron), 228 Franklin, Boston, Mass.

11437—Pots (Pouring, Asphalt, Etc.)

Albany Belting & Supply Co., Albany, N. Y.
Barber Asphalt Paving Co. ("Iroquois"), Land Title bldg, Phila., Pa.

11438— Pots (Salinometer)

National Gauge Co., 300 Pacific, Brooklyn, N. Y.
Star Brass Mfg. Co. 108 E Dedham, Boston, Mass.

11439— Pots (Saturating)

BIGGS BOILER WORKS CO. (For Rubber Mills), Case av & Williams, Akron, O. *See adv index at end of book*

11440— Pots (Slag)

KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book
Marshall Foundry Co., Pittsburgh, Pa.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
Worthington Pump & Machinery Corp., 115 B'way, New York
See adv index at end of book

11441— Pots (Smudge)

American Steel Pipe & Tank Co. ("Coe" Smokeless), Los Angeles, Cal.

11442— Pots (Solder)

American Brass Novelty Co., Grand Haven, Mich.
American Electrical Heater Co. (Electric), Detroit, Mich.
American Fdry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Ashton Mfg. Co. ("Red Hot" Metal), 184 Emmet, Newark, N. J.
Best Light Co., 477 Second N E, Canton, O.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Casey-Hedges Co., Chattanooga, Tenn.
Central Foundry Co., 90 West, New York
Clayton & Lambert Mfg. Co. (Metal, Plumbers), 205 Piquette av E, Detroit, Mich.
Garwood Bronze & Iron Works, Garwood, N. J.
Glenn Fred E., St. Charles, Ill.
Hollands Mfg. Co., 352 E 18th, Erie, Pa.
Indiana Hollow Ware Co., Jeffersonville, Ind.
Jones Hollow Ware Co., Forrest & Madison, Baltimore, Md.
Kupferle Jno. C. Fdry. Co., 1st & Wright, St. Louis, Mo.
Modern Iron Works, Quincy, Ill.
Mott J. L. Iron Works, Trenton, N. J.
Osborne C. S. & Co., Harrison, N. J.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Sperry D. R. & Co., Batavia, Ill.
Stortz John & Son, 210 Vine, Phila., Pa.
Stuart & Peterson Co., Burlington, N. J.
Swett A. L. Iron Works, Medina, N. Y.
Turner Brass Works, Sycamore, Ill.

Pots (Sprinkling)

See Pots, Watering

Pots (Stencil Marking)

See Pots, Marking

11442a—*Pots (Sulphonation)

Buffalo Foundry & Machine Co. (Phenol & Picric Acid), 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*

11443— Pots (Tallow)

American Tube & Stamping Co., Bridgeport, Conn.
Eagle Glass & Mfg. Co., Wellsburg, W. Va.
GEM MFG. CO. ("Gem" Heavy Brazed Steel, Copper Plated & Polished Steel) Goebel, nr Fulton, N S, Pittsburgh, Pa. *See adv index at end of book*
Johnson Mfg. Co., Urbana, O.
Noera Mfg. Co. (Nickel Plated Steel), Waterbury, Conn.
Sands Steel Specialties Co., 6947 Susquehanna, Pittsburgh, Pa.
Wall P. Mfg. Supply Co., 705 Preble av, N S, Pittsburgh, Pa.

11443a—*Pots (Tea & Coffee)

See also Copper Ware, Stamped, Plated, etc.; also Enameled Ware Mfrs.; also Tinware Mfrs.; also Hollow Ware Mfrs.; also Aluminum Hollow Ware; also Percolators, Coffee
Ohio Pottery Co. (Porcelain), Zanesville, O. *See adv index at end of book*

11444— Pots (Tempering)

Garwood Bronze & Iron Works, Garwood, N. J.
National Tube Co. ("Shelby" Seamless Steel Tubing), Frick bldg, Pittsburg, Pa.
Wharton Wm. Jr. & Co., Inc. (Cast Steel), Easton, Pa.

11445— Pots (Tinning)

Garwood Bronze & Iron Works, Garwood, N. J.
Philadelphia Roll & Machine Co., 25th & Washington av., Phila, Pa.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*

11446— Pots (Vapor)

General Fire Extinguisher Co., Providence, R. I.

11447— Pots (Watering)

See also Enameled Ware Mfrs.; also Tinware Mfrs.
Atlantic Stamping Co. ("Atlantic," Sprinkling, Galvanized Iron), 156-180 Ames, Rochester, N. Y.
Central Stamping Co. ("Central" & "Newark"), 172 Fulton, New York
Crunden-Martin Mfg. Co. (Galvanized), 2d & Gratiot, St. Louis, Mo.
Dover Stamping & Mfg. Co., Cambridge, Mass.
GEUDER, PAESCHKE & FREY CO. (Galvanized Iron, etc), Milwaukee, Wis.
See adv index at end of book
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Lisk Mfg. Co. (Ltd.), ("Lisk" Galvanized Iron), Canandaigua, N. Y.
National Enameling & Stamping Co., 374 B'way, New York
Schlesinger Leo. & Co., 66 Wooster, New York
Wotherspoon Jas. R. ("Wotherspoon"), 238 N Front, Phila., Pa.

11448— Potteries

Abingdon Sanitary Mfg. Co., Abingdon, Ill.
Acme Sanitary Pottery Co., Trenton, N. J.
American Clay Products Mfg. Co., Stillwater, Minn.
American Sanitary Works, Washington, N. J.
American Terra Cotta & Ceramic Co., Peoples Gas bldg, Chicago, Ill.
Anchor Pottery, Trenton, N. J.
Baker Charles, Rockville, Ind.
Baldoser & Pace Pottery Co., Roseville, O.
Bangor Stoneware Co., Bangor, Me.
Bellmark Co., Trenton, N. J.
Bennett Edwin Pottery Co., Baltimore, Md.
Benton Brick & Pottery Co., Benton, Ark.
Bohemian Pottery Co., Zanesville, O.
Bowers Pottery Co., Mannington, W. Va.
Brush-McCoy Pottery Co., Zanesville, O.
Buckeye Stoneware Co., Buckeye Cottage, O.
Buffalo Pottery Co., Buffalo, N. Y.
Burley & Winter Pottery Co., Crooksville, O.
California Pottery Co., Otis, San Francisco, Cal.
Camden Pottery Co., Camden, N. J.
Cannelton Stoneware & Pottery Co., Cannelton, Ind.
Canonsburg Pottery Co., Canonsburg, Pa.
Carrollton Pottery Co., Carrollton, O.
Cartwright Bros. Co. (Druggists), East Liverpool, O.
Clark Bros. Pottery Co., Cannelton, Ind.
Clarksburg Pottery Co., Clarksburg, W. Va.
Cochran, Drugan & Co., Trenton, N. J.
Cook Bros. Pottery Co., Gadsden Ala.
Cook Pottery Co. (Art), Trenton, N. J.
Coosada Pottery Co., Coosada Station, Ala.
Crooksville China Co., Crooksville O.
Crooksville Pottery Co., Crooksville, O.
Crown Potteries Co., Evansville, Ind.
Dalton Pottery Co., Dalton, O.
Dedham Pottery Co., Dedham, Mass.
Dickey W. S. Clay Mfg. Co., N. Y. Life bldg, Kansas City, Mo.
Diehl Pottery Co., Phila., Pa.
Louglas John Co., Carthage, Cincinnati, O.
Dunlop & Lisk Pottery Co., Matawan, N. J.
East Liverpool Potteries Co. (Decorated), East Liverpool, O.
Eberly D. L. Pottery Co. Strasburg, Va.
Economy Pottery Co., Trenton, N. J.
Elite Pottery Co., Trenton, N. J.
Eljer Co., Cameron W. Va.
Florentine Pottery Co., Chillicothe, O.
Ford Porcelain Works, Perth Amboy, N. J.
French China Co. (Dinner, Toilet), Sebring, O.
Fulper Pottery Co. (Stone Liquor Jugs), Flemington, N. J.
Galloway Terra Cotta Co., 3216 Walnut, Phila., Pa.
Garden City Pottery Co. San Jose, Cal.
Gladding, McBean & Co., Crocker bldg., San Francisco, Cal.
Goodwin Bros. Pottery Co., Elmwood, Conn.
Graham Chas. Chemical Potter Wks. (Acid Proof Chemical), 986 Metropolitan av, Brooklyn N. Y.
Great Western Pottery Co., Kokomo, Ind.
Greenwood China Co., Trenton, N. J.
Greenwood Pottery Co., Trenton, N. J.
Guernsey Earthenware Co., Cambridge, O.
Harker Pottery Co. (Decorated), East Liverpool O.
Hawthorn Pottery Co., Hawthorn, Pa.
Helfrich Pottery Co., Evansville, Ind.
Hews A. H. & Co., Cambridge, Mass.
Hilfinger Bros., Fort Edward, New York
Hull A. E. Pottery Co. Crooksville, O.
Hyssong C. A., Bloomsburg, Pa.
International Pottery Co. (Decorated, Semi-vitreous), Trenton, N. J.
Ionia Pottery Co., Ionia, Mich.
Keller George Pottery Co., 2618 Herndon, Chicago, Ill.
Keller Pottery Co., Norristown, Pa.
Keystone Pottery Co., Trenton, N. J.
Knight M. A. Pottery, Cook & Settlement, Akron, O.
Knowles Edwin M. China Co. (Dinner, Toilet), East Liverpool, O.
Knowles Taylor & Knowles Co. (Decorated, Semi-vitreous), East Liverpool, O.
Lambertville Pottery Co., Lambertville, N. J.
Laughlin Homer China Co., East Liverpool, O.
Lavey James B., Milan, O.
Limoges China Co. (Table), Sebring, O.
Logan Pottery Co., Logan, O.
Lone Star Pottery Co., Winnsboro, Tex.
Louisville Pottery Co. (Mfrs.), Floyd & Bloom av, Louisville, Ky.
Lowry Bros. Roseville, O.
Lowry F. S., Roseville, O.
Lyons Stoneware & Pottery Co., Lyons, N. Y.
McCoy-Nelson Sanitary Stoneware Co., Roseville, O.
McDade Pottery, McDade, Tex.
McNicol D. E. Pottery Co. (Decorated), East Liverpool, O.
Maddock John & Sons, Trenton, N. J.

POTTERIES—continued

Maddock's Thos. Sons Co., Trenton, N. J.
Mercer Pottery Co. (Decorated, White), Trenton, N. J.
Midland Pottery Co., Zanesville, O.
Missouri Pottery & Mfg. Co., Kansas City, Mo.
Mohawk Clay Products Co. ("Moco"), Perrysville, O.
Monument Pottery Co. (Majolica), Trenton, N. J.
Morris China Co., Trenton, N. J.
Mount Gilead Tile & Pottery Co., Mount Gilead, O.
Nashville Pottery Co., Nashville, Tenn.
National China Co., Salineville O.
National Pottery Co., Evansville, Ind.
New Jersey China Pottery Co., Trenton, N. J.
Niloak Pottery, Benton, Ark.
Norse Pottery Co., Rockford, Ill.
Ohio China Co. (Decorated), East Palestine, O.
Ohio Pottery Co., Zanesville, O.
See adv index at end of book
Onondaga Pottery Co., Syracuse, N. Y.
Owen China Co. (All Kinds), Minerva, O.
Owens J. B. Floor & Wall Tile Co. (Art), Zanesville, O.
Pace Bros. & Son, Roseville, O.
Pacific Coast Pottery & Terra Cotta Co., San Jose, Cal.
Pacific Porcelain Ware Co., 67 New Montgomery, San Francisco, Cal.
Paducah Pottery Co., Paducah, Ky.
Patterson Bros. (Decorated), Wellsville, O.
Peerless Statuary Co., Rahway, N. J.
Perine M. & Sons 1009 W Baltimore, Baltimore, Md.
Peters & Reed Pottery Co., Zanesville, O.
Pewabic Pottery Co., 2161 Jefferson E, Detroit, Mich.
Pfaltzgraff Pottery Co. (Stoneware), York, Pa.
Phoenix Pottery Co., Bordentown, N. J.
Pierron Pottery Co., 31 Johnson, Milwaukee, Wis.
Potters Co-operative Co. (Decorated), East Liverpool, O.
Ransbottom Bros. Pottery Co., Roseville, O.
Rapp Bros., Morton, Ill.
Resolute Pottery Co., Trenton, N. J.
Ritger Excelsior Pottery Co., 495 5th, Newark, N. J.
Robineau Pottery, Syracuse, N. Y.
Robinson Clay Products Co., Akron, O.
Rookwood Pottery Co. (Art), Rookwood pl, Cincinnati, O.
Roseville Pottery Co., Zanesville, O.
Royal China Co., Sebring, O.
Rupp William (Mrs.), Harrison, O.
Sanitary Earthenware Specialty Co., Trenton, N. J.
Saxe E. W. Pottery Co., 3519 E 71st, Cleveland, O.
Sebring China Co., Sebring, O.
Sebring E. H. China Co., Sebring, O.
Shenango Pottery Co., New Castle, Pa.
Smith-Phillips China Co. (Decorated), East Liverpool, O.
South Carolina Pottery Co., North Augusta, S. C.
Standard Pottery Co. (Decorated), East Liverpool, O.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Standard Sanitary Pottery Co., Elizabeth, N. J.
Star Stoneware Co., Crooksville, O.
Steubenville Pottery Co. (Tableware), Steubenville, O.
Stevens Bros. Co., Stevens Pottery, Ga.
Stine C. W. Pottery Co., White Cottage, O.
Summit China Co., Akron, O.
Swope George A., Lancaster, Pa.
Syracuse Pottery (Flower Pots), 713 E Division, Syracuse, N. Y.
Taft J. S. Co. (Artistic), Keene, N. H.
Thompson C. C. Pottery Co. (All Kinds), East Liverpool, O.
Trenton Fire Clay & Porcelain Co., Trenton, N. J.
Trenton Potteries Co. (Decorated), Trenton, N. J.
Union Clay Products Co., Bloomingdale, Ind.
Universal Sanitary Mfg. Co., New Castle, Pa.
Van Briggle Tile & Pottery Co., Colorado Springs, Colo.
Vodrey Pottery Co. (Decorated), East Liverpool, Ohio
Volkmar Kilns, Metuchen, N. J.
Wabash Pottery Co., Roseville, O.
Warwick China Co. (Decorated), Wheeling, W. Va.
Weaver Pottery Co., Catlettsburg, Ky.
Weis & Schmidt Pottery Co., 3102 Cherry, Milwaukee, Wis.
Weller S. A. (Faience), Zanesville, O.
Wellsville China Co. (Decorated), Wellsville, O.
West End Pottery Co. (Decorated), East Liverpool, O.
Western Pottery Co., 3107 S Michigan av, St. Louis, Mo.
Western Pottery Mfg. Co., Denver, Colo.
Wheatley Pottery Co., Cincinnati, O.
Wheeling Sanitary Mfg. Co., Wheeling, W. Va.
White Hall Pottery Works, White Hall, Ill.
Winfield Pottery Co., Winfield, Tex.
Wingender Charles & Bro., Haddonfield, N. J.
Woodbridge Pottery Co., Woodbridge, N. J.
Wright Tyndale & Van Roden, 1212 Chestnut, Phila., Pa.
Yellow Rock Pottery Co., Phila., Pa.
Zanesville Art Pottery Co. (Pitchers), Zanesville, O.
Zanesville Stoneware Co. (Tableware), Zanesville, O.

11449— Potters' Supplies

Burgess & Co., East Liverpool, O.
Excelsior Ball Clay Co. (Clays), Cincinnati, O.
Fuerst Bros. & Co., 2 Stone, New York
Golding Sons Co. (Clays, Feldspar, etc), Trenton, N. J.
Mountford & Son, East Liverpool, O.
Potters Mining & Milling Co., East Liverpool, O.
Potters Supply Co., East Liverpool, O.
Sant Jno. & Sons Co., East Liverpool, O.

11450— Pouches (Mail)

Amer. Commercial Corp., 120 B'way, New York

11451— Poultry Supplies

Barnes Bros., Wellsville, N. Y.
Marble Cliff Quarries Co. (Poultry Grit), Columbus, O.
O. K. Company, 157 Water, New York
Woodall Mfg. Co. (Roost Bars—Lice Traps), Davenport, Ia.

11452— Pounders (Steak)

Arcade Mfg. Co. (Or Meat), Freeport, Ill.
Grey Iron Casting Co. ("Mt Joy," etc), Mt. Joy, Pa.
Nicol & Co. ("Star," Ice Pick & Steak Pounder), 218 N Jefferson, Chicago, Ill.
Stover Mfg. Co., Freeport, Ill.
Wagner Mfg. Co. ("Daisy"), Cedar Falls, Ia.
White Ira F. & Son Co., Bloomfield, N. J.
Williams A. C. Co., Ravenna, O.
Wrightsville Hardware Co., Wrightsville, Pa.

11452a—*Pounders (Steak, Spice, etc.)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

11453— *Powder (Blasting)

ATLAS POWDER CO., 10th & Market, Wilmington, Del.

11454— Powder Mfrs.

AETNA EXPLOSIVES CO., INC. (Blast- & Sportsman's), 120 B'way. New York
American Luminous Products Co. ("Radio"), Hunting Park, Cal.
American Powder Mills ("Dead Shot" Black & Smokeless), Board of Trade bldg, Boston, Mass.
American Smokeless Powder Co. (Smokeless), 131 State, Boston, Mass.
ATLAS POWDER CO., 10th & Market, Wilmington, Del.
Austin Powder Co., 1229 Rockefeller bldg, Cleveland, O.
Black Diamond Powder Co., Pittston, Pa.
Cameron Powder Mfg. Co., Emporium, Pa.
Cressona Powder Co. (Blasting), Pottsville, Pa.
Dittmar Powder Works, 102 W 130th, New York
DU PONT DE NEMOURS & CO. (E. I.) (World's largest Manufacturer of Explosives, Powder & Blasting Supplies), Wilmington, Del.
For branch offices see adv index at end of book
Egyptian Powder Co., East Alton, Ill.
Equitable Powder Mfg. Co., East Alton, Ill.
Giant Powder Co. (Blasting), 1st Nat'l. Bk. bldg, San Francisco, Cal.
Grasselli Powder Co. (Blasting), Guardian bldg, Cleveland, O.
HERCULES POWDER CO. (Military "Hercules" Blasting Powders) (see dynamite for other brands), "Hercules" Sporting Powder, L. & R. Orange Extra Black Sporting, "Infallible," "E. C." Smokeless Powders for Shotguns, Smokeless Rifle Powders, "Lightning," "Sharpshooter," "W. A., 30 Cal." & "Unique"; Smokeless Powder for Revolvers & Rifles "Bullseye"), Wilmington, Del.
See adv index at end of book
Hoynes Safety Powder Co. (Safety), Cleveland, O. Works: Massillon, O.
Jefferson Powder Co. (Blasting & Safety), Birmingham, Ala.
King Powder Co. ("King" Smokeless, "F. F. G." Semi Smokeless), First Nat Bank bldg, Cincinnati, O.
McAbee G. R. Powder & Oil Co. ("Tannelite," Safety for Coal Mining), 2nd Nat Bank bldg, Pittsburgh, Pa.
Miller Jas. S., Sumneytown, Pa.
Nixon Nitration Wks. (Smokeless), New Brunswick, N. J.
Nitro Powder Co. (Gun Powder, Black), Kingston, N. Y.
Pennsylvania Trojan Powder Co. ("Trojan" Non-Freezing), Allentown, Pa.
Rendrock Powder Co. ("Rack-A-Rock"), 106 Wall, New York
Roberts Powder Co., Shenandoah, Pa.
Robin Hood Ammunition Co. ("Robin Hood" & "Peerless" Smokeless Gun Powder & "Eclipse" Half Smokeless and "Rapidite" Smokeless), Swanton, Vt.
Rockdale Powder Co., York, Pa.
Shamokin Powder Co. (Blasting), Shamokin, Pa
Standard Powder Co. (Black), 2nd Nat Bank bldg. Pittsburgh, Pa.
United Safety Powder Co., Louisville, Ky.
United States Powder Co. (Explosive), Terre Haute, Ind.
Western Powder Mfg. Co., East Alton, Ill.

Powder Blue

See Blue Powder

11455— *Powder Squib

HERCULES POWDER CO., Wilmington, Del. *See adv index at end of book*

11456-7-8—Powder Thawers

Rundle A. J. ("Rundle's"), Iron Mountain, Mich.

Powder (Washing)

See Powders, Soap

Powders (Aluminum)

See Bronze Powders

11459— Powders (Bleaching)

See also Chloride of Lime

Arnold, Hoffman & Co., 55 Canal, Providence, R. I.
Clark Fred G. Co., 1081 W 11th Cleveland, O.
C. P. N. CHEMICAL CO., INC., 78 Reade, New York & 231 West Huron, Chicago, Ill.
Dow Chemical Co., Midland, Mich.
Ferguson Bros., 109 Chestnut, Phila., Pa.
Fuerst Bros. & Co. (Imported), 2 Stone, New York
Graesseli Chemical Co., Guardian bldg, Cleveland, O.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Hollingsworth & Peterson, Lafayette bldg, Phila., Pa.
Hooker Electrochemical Co., 40 Wall, New York

INNIS, SPEIDEN & CO., INC. ("Isco"), 46 Cliff, New York
See adv index at end of book
Klipstein A. & Co. (Imp.), 644 Greenwich, New York
Mathieson Alkali Wks., Inc., (High Test), 53 Canal, Providence, R. I.
Niagara Alkali Co., Niagara Falls, N. Y.
Partola Mfg. Co., 160 2nd av, New York
Pennsylvania Salt Mfg. Co., Widener bldg, Phila., Pa.
Riker J. L. & D. S. (Imp. & Mfrs. Agts.), 19 Cedar, New York
Roessler & Hasslacher Chemical Co., 100 William, New York
Tennant C. Sons & Co. of N. Y. (Imp), 100 William, New York

11460—Powders (Carbonating)

Church & Dwight Co. ("Zenith"), 27 Cedar, New York

11461—Powders (Flattening)

Scheel Wm. H. (Imported), 159 Maiden Lane, New York

11462—Powders (Hardening)

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Scheel Wm. H. (Imported), 159 Maiden Lane. New York

Powders (Insect)

See Insecticides

11462a— Powders (Scouring)

California Soap Co., 2437 E. 9th, Los Angeles, Cal.
Domestic Soap Mfg. Co., 113 6th, Long Island City, N. Y.
Hunnewell Soap Co., 312 Genesee, Cincinnati, Ohio.
Kenny J. T. & Co. ("Kennys"), St. Paul, Minn.
Larkin Co., 663 Seneca, Buffalo, N. Y.
Strunz S. & Son, 708 Bingham, Pittsburgh, Pa.

11463-4— Powders (Soap)

Allison Bros., Middletown, Conn.
American Soap & Washoline Co., Cohoes, N. Y.
Babbitt B. T. Inc. ("Babbitt 1776"), 11 B'way, New York
Beach Soap Co. ("World"), Lawrence, Mass.
Bon Ami Co. (Selling Agents), Battery pl., New York
Central Soap Mfg. Co., 2671 E 75th, Cleveland, O.
Citrus Soap Co. ("Citrus"), San Diego, Cal.
Climalene Chemical Co., Canton, O.
Cortland Specialty Co. ("Houts"), Cortland, N. Y.
Creta Creme Co., 520 27th, New York
Daggitts' Wm. H. Sons, 383 W 12th, New York City
Devillers Soap Co. ("National"), 95 Cliff, New York
Electric Compound Co., 211 W 16th, Los Angeles, Cal.
Electric Smelting & Aluminum Co. ("Alumina-Soapalite"), Lockport, N. Y.
Fairbank N. K. Co., 111 W Washington, Chicago, Ill.
Fichtenberg Hans E., Merrill bldg, Milwaukee, Wis.
Flavell Co. (Wire Drawing), Asbury Park, N. J.
Globe Soap Co., United Bank bldg, Cincinnati, O.
Hunnewell Soap Co. ("Crown"), 312 Genesee, Cincinnati, O.
India Alkali Works ("Savogran"), 28 India Wharf, Boston, Mass.
Jidas J. D. Bros. & Co., 906 W North av, Chicago, Ill.
Kalamazoo Soap Co., Kalamazoo, Mich.
Kendall Mfg. Co., 90 Friendship, Providence, R. I.
Kenny J. T. & Co. ("Submarine"), St. Paul, Minn.
Kirkman & Son, 215 Water, Brooklyn, N. Y.
Lautz Bros. & Co., Buffalo, N. Y.
Modoc Co., Fernwood, Pa.
Naphtha Washing Tablet Co., 714 S Dearborn, Chicago, Ill.
New Spar Prod. Co., Columbia & B. & O. R. R., Baltimore, Md.
Orford Soap Co., Manchester, Conn.
Pennsylvania Soap Co., Lancaster, Pa.
Pioneer Mfg. Co. ("Shino"), Harvard av. & C. 103rd, Cleveland, Ohio
Pride of the Kitchen Co., 390 Smith, Brooklyn, N. Y.
Puritan Soap Co., ("Puritan"), 496 Exchange, Rochester, N. Y.
Royal Chemical Co., Phenix, R. I.
Rub-No-More Co., Ft. Wayne, Ind.
Sibley Soap Co., Franklin, Pa.
Smith C. A. ("Index"), Hamilton, Ohio
Standard Chemical & Supply Co., 15 Wharf, Boston, Mass.
Strunz S. & Son, 708 Bingham, Pittsburgh, Pa.
Tomson P. C. & Co., 29 Washington av., Philadelphia, Pa.
Vera Chemical Co., No. Milwaukee, Wis.; Stoneham, Mass.; Burlington, Ont., Canada
Wayne Soap Co., Copeland & M. C. R. R. Co., Detroit, Mich.
Wilson & Co. (Washing), Union Stock Yards, Chicago, Ill.
Wrisley Allen B. Co., 923 Wells, Chicago, Ill.

Powders (Sweeping)

See Compounds, Sweeping

11465—Powers (Dog, Sheep, Etc.)

Gowanda Agricultural Works, Gowanda, N. Y.
McDermaid J., Rockford, Ill.
Vermont Farm Machine Co., Bellows Falls, Vt.

11466— Preheaters

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Rauch Henry & Son ("Universal" for Removing Old Pitch from Cooperage), Mt. Vernon, N. Y.

11466a—Preservatives (Hide & Skin)

Chipman Chemical Engng. Co., Inc. ("Atlas S" for Curing), 195 Liberty, New York City

11466b—*Preservatives (Wood)

Carbolineum Wood Preserving Co. of N. Y. ("Avenarius Carbolineum," "Carbolineum," "Neosite," "Protexol," "Toron"), 41 Greene, New York

11467—Press Attachments for Preventing Accidents

Benjamin Electric Mfg. Co. (For Punching Presses, etc), 128 S Sangamon, Chicago, Ill. *See adv index at end of book*
GEUDER, PAESCHKE & FREY CO. ("Cream City" Automatic Accident Preventor), Milwaukee, Wis.
See adv index at end of book
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
H. & A. Lock Co. (Punch Press Safety Appliance), 243 44th, Brooklyn, N. Y.
Hardware Supply Co., Grand Rapids, Mich.
Walsh Press & Die Co., 4709 W Kinzie, Chicago, Ill.

11468— Press-Board

Case A. Willard Co. (Imitation), Manchester, Conn.
Case Bros., Highland Park, Conn.
Case & Risley Press Paper Co., Oneco, Conn.
Crehore Chas. F. & Son, 87 Milk, Boston, Mass.
Merwin Paper Co., Rainbow, Conn.
New York & Penna Co., 200 5th av, New York
Rogers Paper Mfg. Co., South Manchester, Conn.

11469— *Press Clippings

Fuller's Press Clipping Bureau, Pacific bldg., Seattle, Wash.
Van Atta E. B. & Co., Inc., Olean, N. Y.

11470—Pressed Steel Specialties

See also Steel, Pressed

Blaw-Knox Co. (Also Welded), Farmers Bk. bldg, Pittsburgh, Pa.
BOSSERT CORPORATION, THE, Utica, New York. *See adv index at end of book*
Boston Pressed Metal Co., 169 Union, Worcester, Mass.
Brazil Stamping & Mfg. Co. (Small), Brazil, Ind.
DAHLSTROM METALLIC DOOR CO., 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book
Detroit Pressed Steel Co., Detroit, Mich.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Federal Pressed Steel Co., Keefe av & N Pierce, Milwaukee, Wis.
Gem Mfg. Co., Goebel, nr Fulton, N S, Pittsburgh, Pa.
See adv index at end of book
GEUDER PAESCHKE & FREY CO., Milwaukee, Wis. *See adv index at end of book*
Gier Pressed Steel Co., Lansing, Mich.
Glasgow Iron Co., Pottstown, Pa.
Globe Machine & Stamping Co., (To Order), 1250 W 76th, Cleveland, O.
Heggie Jas. G. & Sons, Joliet, Ill.
Hydraulic Pressed Steel Co. (House Forms, etc), 3152 E 61st, Cleveland, O.
Michigan Pressed Steel Co., 229 Artillery, Detroit, Mich.
Mossberg Frank Co. (Parts for Guns, Automobile, Typewriter Machines, etc), Attleboro, Mass.
New England Pressed Steel Co., Natick, Mass.
Pressed Steel So. (Heavy Stamping, Auto Truck Parts, etc.), Wilkes-Barre, Pa.
Pressed Steel Tank Co., 58th & Greenfield av, Milwaukee, Wis.
Quinsigamond Pressed Steel Co., Worcester, Mass.
Standard Pressed Steel Co., 20th & Clearfield, Phila., Pa.
Transue & Williams Steel Forging Corp., Alliance, O.
Wilcox W. W. Co., 1735 Armitage av, Chicago, Ill.
Worcester Pressed Steel Co., Worcester, Mass.

11471— Pressers (Cork)

Phoenix Hardware Mfg. Co., Homer, N. Y.

11472— Presses (Arbor)

Atlas Press Co., 323 N Park, Kalamazoo, Mich.
Barnes W. F. & Jno. Co., Rockford, Ill.
Bartlett E. E. ("Greenerd"), 326 A, Boston, Mass.
Bucher-Smith Co., East Liverpool, Ohio
ELMES CHAS. F. ENGINEERING WKS. (INC.), cor. Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
Geier P. A. Co., Cleveland, O.
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Lourie Mfg. Co., Springfield, Ill.
Lucas Machine Tool Co. ("Lucas," Power), 524 E 99th, Cleveland, O.
Myers Machine Tool Co., Columbia, Pa.
Niles-Bement-Pond Co., 111 B'way, New York
United Engine & Mfg. Co ("Long Range"), Hanover, Pa.

11473—Presses (Armature & Field Coil Segments)

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DUNNING & BOSCHERT PRESS CO., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Ferracute Machine Co., Bridgeton, N. J.

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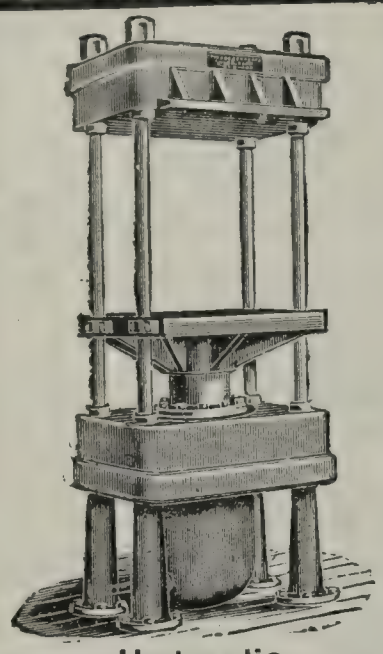
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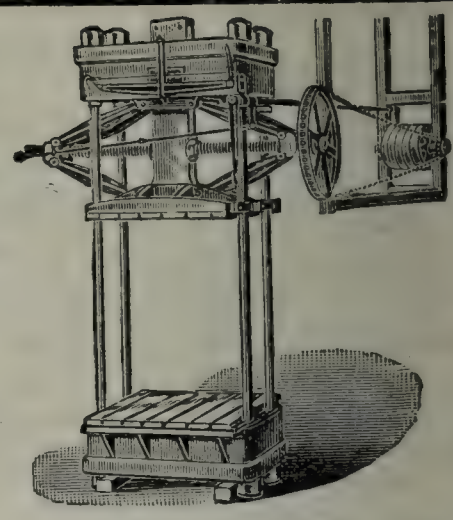
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Colton G. D. & Co. ("Acme"), Galesburg, Ill.
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.

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Bethlehem Steel Co. (Hydraulic), S Bethlehem, Pa.
DUNNING & BOSCHERT PRESS CO., 379 W Water, Syracuse, N. Y. *See adv index at end of book*
Chicago Baling Press Co. ("New Standard"), 305 S. La Salle, Chicago, Ill.
Davenport Mfg. Co. ("Schicks" All Steel), Davenport, Ia.
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Logemann Bros. Co., 3130 Burleigh, Milwaukee, Wis.
WATSON-STILLMAN CO. (Hydraulic), 38 Church, New York *See adv index at end of book*
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.
Woodall Mfg. Co. ("Money Saver" Hand), 500 Taylor, Davenport, Ia.

11482a—Presses (Baling, Paper)

See also Presses, Baling & Hay; also Presses, Baling Waste

COLONIAL SUPPLY CO., 217 Water, Pittsburgh, Pa. *See adv index at end of book*

11483—Presses (Baling, Waste)

Alsteel Mfg. Co. (Paper), Battle Creek, Mich.
Bicking Paper Co. (For Paper, Rags, etc), 111 N 2d, Phila., Pa.
Clement Mfg. Co., Adrian, Mich.
Clintonville Baler Co., Clintonville, Wis.
Davenport Mfg. Co. ("Schick's"), All Steel, Davenport, Ia.
DUNNING & BOSCHERT PRESS CO., INC., 379 W Water, Syracuse, N. Y. *See adv index at end of book*
Economy Baler Co. ("Economy" Steel Frame, Paper, etc), **Ann Arbor, Mich.**
Ertel Geo. Co. (For Waste Paper, etc.), Quincy, Ill.
Famous Mfg. Co. (Paper), E Chicago, Ind.
Franke Fred & Co., 716 E Main, Louisville, Ky.
Grand Rapids Salvage Co. ("Handy"), Grand Rapids, Mich.
Haugh J. G. & Co. (Paper), Bascom, O.
Hazen Mfg. Co. ("Hudson"), Hudson, Mich.
Hobson & Co., Easton, Pa.
Hydraulic Press Mfg. Co. (Wood & Steel Box), Mt. Gilead, O.
Leigh Banana Case Co. (Paper), 2230 S **Union av, Chicago, Ill.**
Logemann Bros. Co. (All Kinds Waste Materials), 3130 Burleigh, Milwaukee, Wis.
Lourie Mfg. Co., Springfield, Ill.
Lubbers & Bell Mfg. Co. ("One Minute," for Waste Paper), Clinton, Ia.
Midland Supply Co. ("Prestel," for Paper),, Davenport, Ia.
Minnich Machine Works ("Minnich" Steel Hand & Power), Landsville, Pa.
Petroleum Iron Works Co. ("Leader" All Steel), Sharon, Pa.
Pick Albert & Co. (Paper), 212 W Randolph, Chicago, Ill.
Ripley Foundry & Machine Co. ("Sampson" Paper), Ripley, O.
Smith Philip Mfg. Co. (Paper), Sidney, O.
Sullivan Machinery Co. ("Sullivan" Hand Power), Peoples Gas bldg, Chicago, Ill.
Wenzelman G., Galesburg, Ill.
Woodall Mfg. Co. ("Money Saver" Hand), 500 Taylor, Davenport, Ia.

11483a—*Presses-Baling (Yarn, Hair & Hemp)

Dunning & Boschert Press Co., Inc., 379 Water, Syracuse, N. Y. *See adv index at end of book*

11484-5—Presses (Baling & Hay)

See also Presses, Cotton

Admiral Hay Press Co., Kansas City, Mo.
Alamo Iron Works (Hay), San Antonio, Tex.
Ann Arbor Machine Co. "Ann Arbor Line," Ann Arbor, Mich.
Auto Fedan Hay Press Co. (Auto Self Feed Hay Press), 1603 Wyoming, Kansas City, Mo.
BECK CHAS. CO. (Paper Baling), 607 Chestnut, Phila., Pa. *See adv index at end of book*
BOOMER & BOSCHERT PRESS CO. (Baling Only), 379 W Water, Syracuse, N. Y. *See adv index at end of book*
Buckeye Baler Co., Findlay, O.
Burkett Mfg. Co. (Hay), 162 W Spring, Columbus, O.
Business Men's Paper Press Co., Wayland, Mich.
Cardwell Machine Co. (Hydraulic Baling), 1900 E Cary, Richmond, Va.
Chattanooga Implement & Mfg. Co. (Hay), East Chattanooga, Tenn.
Chattanooga Plow Co. (Hay & Straw), Chattanooga, Tenn.
Chicago Baling Press Co., 305 S La Salle, Chicago, Ill.
Collins Plow Co. (Hay, "Eli," "Noxall," "Excelsior"), Quincy, Ill.
Dain Mfg. Co. (Hay, Horse Power & Motor), Ottumwa, Ia.
Davenport Mfg. Co., Davenport, Ia.
Dennis John Machine Co., Lowell, Mass.
ELMES CHAS. F. ENGINEERING WORKS (INC.), (Baling Only, for Paper & Wool, cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
Emerson Brantingham Co. ("Reeves," "Geiser Peerless," Hay), Rockford, Ill.
Ertel Geo. Co. ("Victor" & "Gem" Hay, Straw, Waste Paper, etc.), Quincy, Ill.
Famous Mfg. Co. ("Champion," Good as Gold for Hay, Paper & Metal Scrap), East Chicago, Ind.
Grand Rapids Salvage Co. (Paper), Grand Rapids, Mich.
Hampton Ralph C. (Hay), Honeybrook, Pa.
Hasard Wm. (Hay), Trumansburg, N. Y.
Hobbs Mfg. Co. (Waste Baling), Worcester, Mass.
Hobson & Co., Easton, Pa.
Home Mfg. Co., Mattoon, Ill.
Hydraulic Press Mfg. Co. (For Cloth, Cotton, etc), Mount Gilead, O.
Indianapolis Excelsior Machinery Co. (For Excelsior), Indianapolis, Ind.
Junior Monarch Hay Press Co. ("Junior Monarch," "Little Giant"), San Leandro, Cal.
Kansas City Hay Press Co. ("Lightning" Combination Straw, etc.), Kansas City, Mo.
Kline Lewis T., Alpena, Mich.
Lenmar Mfg. Co., Saginaw, Mich.
Logemann Bros. Co. (All Kinds of Products), 3130 Burleigh, Milwaukee, Wis.
Lombard Iron Wks. & Supply Co., Augusta, Ga.
Maurer F. X. Co. (Hay), Spencer, Ia.
Maytag Co. ("Buffalo" Hay), Newton, Ia.

Modern Equipment Co., Lockport, N. Y.
Nancy Hanks Hay Press & Foundry Co. (Hay), Dalton, Ga.
New Winona Mfg. Co. ("Hay King" Horse & Diamond Steam Power), Winona, Minn.
Ohio Cultivator Co. ("Ohio"), Bellevue, O.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Poston Baler Co., Chillicothe, O.
Sandwich Mfg. Co. (Hay), Sandwich, Ill.
Shaw, Welsh & Co., Galesburg, Ill.
Sinclair-Scott Co. ("Baltimore"), Wells & Patapsco, Baltimore, Md.
Smith, Philip Mfg. Co. (Paper Balers), Sidney, O.
Smith & Sons Mfg. Co. (Hay), Kansas City, Mo.
Southern Plow Co. ("Cumming"), Columbus, Ga.
Spencer J. A. (Hay, "Favorite Alligator," "Hercules," "Perpetual"), Dwight, Ill.
Stopple W. H. ("Easy" Hand Power & Motor Power), Dallas, Tex.
Strait H. N. Mfg. Co., Kansas City, Kans.
Swanson Plow Co. (Hay, etc.), Muskogee, Okla.
Swayne, Robinson & Co. (Automatic Hay), Richmond, Ind.
Tempus Reclaiming & Mfg. Co., 25 N 7th, Phila., Pa.
Thomas Albright Co., (Hydraulic, for Paper Stock, Yarns, Rags, Hair, Waste, etc), Goshen, Ind.
Waterville Foundry & Mfg. Co., Waterville, N. Y.
WATSON-STILLMAN CO. (Hydraulic Baling), 38 Church, New York
See adv index at end of book
Whitehurst R. W. Mfg. Corp. (Hay), Norfolk, Va.
Whitman Agricultural Co. (Steam, Horse, Hand & Gasoline Power), 7000 S B'way, St. Louis, Mo.
Williams Mfg. Co. (Hay), Macon, Ga.
Wirtz & Hernlen (Hay), Augusta, Ga.
Woodall Mfg. Co. ("Money Saver," Hay, Straw, Tobacco Stems, Excelsior, Stalks, Paper, Cuttings, etc), 500 Taylor, Davenport, Ia.
Ypsilanti Hay Press Co. ("Wolverine" Hay), Ypsilanti, Mich.

11485a—Presses (Banding)

Elmes Chas. F. Engng. Works, cor Fulton & Sangamon, Chicago, Ill.
See adv index at end of book

11486— Presses (Beeswax)

See also Beekeepers' Supplies
Kretchmer Mfg. Co., Council Bluffs, Ia.

11487-8—Presses (Beet Pulp)

Jackson & Church Co. ("Selwig & Lange"), Saginaw, Mich.
KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa.
See adv index at end of book
Whitman Agricultural Co. (Hand & Power), 6900 S B'way, St. Louis, Mo.

11489— *Presses (Belting)

ELMES CHAS. F. ENGINEERING WORKS (INC.) (Leather), cor Fulton & Sangamon, Chicago, Ill.
See adv index at end of book

11490— Presses (Bench)

See also Presses, Power
Ams Max Machine Co. ("Ams"), Bridgeport, Conn.
Baird Machine Co., Bridgeport, Conn.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Ferracute Machine Co., Bridgeton, N. J.
High Speed Hammer Co. (Sensitive & Motor Driven Drills), Rochester, N. Y.
Manville E. J. Machine Co., Waterbury, Conn.
McCall Machine Works ("Baxendale"), Rochester, N. Y.
Meriden Press & Drop Co. ("Merriman"), Meriden, Conn.
Perkins Machine Co., Warren, Mass.
Rowbottom Machine Co. ("Rowbottom Yankee"), Waterville, Conn.
Springfield Machine Tool Co. (Straightening, etc), Springfield, O.
Stoll D. H. Co., Buffalo, N. Y.
Swaine F. J. Mfg. Co., 7th & O'Fallon, St. Louis, Mo.

11491— Presses (Bending)

Alliance Machine Co., Alliance, O.
Bethlehem Steel Co. (Hydraulic), South Bethlehem, Pa.
Ferracute Machine Co., Bridgeton, N. J.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Lourie Mfg. Co., Springfield, Ill.
MORGAN ENGINEERING CO. (Plate Bending, etc), Alliance, O.
See adv index at end of book
NIAGARA MACHINE & TOOL WKS: Buffalo, N. Y. *See adv index at end of book*
Slaysman & Co., cor Pratt & President, Baltimore, Md.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

Presses (Bicycle Chain)

See Presses, Power

11492—Presses (Bicycle Saddle)

Burroughs Chas. Co., 141 Commerce, Newark, N. J.
Hydraulic Press Mfg. Co., Mt. Gilead, O.

11493—*Presses (Binders' Board)

DUNNING & BOSCHERT PRESS CO. (INC.), 379 W Water, Syracuse, N. Y.
See adv index at end of book

Presses (Blanking)

See Presses, Power

11494—*Presses (Bliss Inclinable)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

11495—*Presses (Book Binders')

DUNNING & BOSCHERT PRESS CO. (INC.), 379 W Water, Syracuse, N. Y.
See adv index at end of book

11496— Presses (Box)

Chase Turbine Mfg. Co. (Automatic), Orange, Mass.

Presses (Brick)

See Machines, Brick Press

Presses (Briquetting)

See Briquetting Machinery

11497—Presses (Broaching)

AMERICAN CAN CO. (Machinery Dept.), Monroe bldg, Chicago, Ill.
See adv index at end of book
DUNNING & BOSCHERT PRESS CO. (INC.), 379 W Water, Syracuse, N. Y.
See adv index at end of book
ELMES CHAS. F. ENGINEERING WORKS (INC.), cor Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
Ferracute Machine Co., Bridgeton, N. J.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Hydraulic Press Mfg. Co. ("Hydraulic"), Mt. Gilead, O.
Logemann Bros. Co. (For Brass), 3130 Burleigh, Milwaukee, Wis.
Perkins Machine Co., Warren, Mass.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*

11498— Presses (Bumping)

Swaine F. J. Mfg. Co., 7th & O'Fallon, St. Louis, Mo.
Wold, Torris & Co., 240 N Ashland av, Chicago, Ill.

11499—Presses (Cabbaging)

Famous Mfg. Co. (For Pressing Scrap Brass, etc), E. Chicago, Ind.
Farrel Foundry & Machine Co., Ansonia, Conn.
Logemann Bros. Co. (For Brass & Copper Scrap), 3130 Burleigh, Milwaukee, Wis.

11500— Presses (Cage)

Callahan W. P. Co., Dayton, O.

11501—Presses (Cam Drawing)

See also Presses, Drawing; also Presses, Power
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Ferracute Machine Co., Bridgeton, N. J.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y.
See adv index at end of book
Standard Machinery Co., Providence, R. I.

11502— Presses (Car Seal)

Handlan-Buck Mfg. Co. ("Handlan"), 210-14 N 3d, St. Louis, Mo.

11503—Presses (Car Wheel)

See also Presses, Hydrostatic Wheel
Bethlehem Steel Co., South Bethlehem, Pa.
Caldwell E. K. & Co. (Hydraulic), Bradford, Pa.
Chambersburg Engineering Co., Chambersburg, Pa.
Dudgeon Richard, 24 Columbia, New York
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Lake Shore Engine Works, Marquette, Mich.
Lobdell Car Wheel Co., G., nr Christiana, Wilmington, Del.
Logemann Bros. Co., 3130 Burleigh, Milwaukee, Wis.
McCall Machine Works ("Schaffer," Hydraulic), Rochester, N. Y.
Niles-Bement-Pond Co., 111 B'way, New York
Nolte Adolph (Hydraulic), Rochester, N. Y.
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

11503a—*Presses (Carbon Slug Moulding)

Elmes Chas. F. Engng. Works, Inc., cor Fulton & Sangamon, Chicago, Ill.
See adv index at end of book

Presses (Card Cutting)

See Card Cutting Machines

11504—Presses (Card Printing)

Buffum Tool Co. ("Buffum" Automatic), South Side, Louisiana, Mo.
Feuerstein S. B. & Co., 542 W Jackson blvd, Chicago, Ill.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book

11504a—*Presses-Casket (Metallic)

Elmes Chas. F. Engng. Works, Inc., cor Fulton & Sangamon, Chicago, Ill.
See adv index at end of book

11505—Presses (Chamfering)

Pawtucket Mfg. Co. (Automatic), Pawtucket, R. I.

11506— Presses (Cheese)

Burrell D. H. & Co. ("Sprague" Adjustable Continuous Pressure Gang & "Fraser" Gaug Presses & Hoops), Little Falls, N. Y.
Creamery Package Mfg. Co., 61 W Kinzie, Chicago, Ill.
Dairy Specialty Co., West Chester, Pa.
Gowanda Agricult'l Works Co., Gowanda, N. Y.
Jones Frank L. (Gang), Utica, N. Y.
Oakes & Burger Co., Cattaraugus, N. Y.

11507—*Presses (Chemists' Laboratory)

DUNNING & BOSCHERT PRESS CO. (INC.), 379 W Water Syracuse, N. Y.
See adv index at end of book

Presses (Cider)

See Presses, Wine & Cider

11508—Presses (Cigar Packers')

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Miller, Du Brul & Peters. Mfg. Co., 507 E Pearl, Cincinnati, O.

Presses (Cloth Cutting)

See Cloth Cutting Machines in Textile Machinery & Supplies

11509—Presses (Cloth Finishing)

Dunning & Boschert Press Co. (Inc.), 379 W Water, Syracuse, N. Y.
See adv index at end of book
Hydraulic Press Mfg. Co. ("London" Shrinking), Mt. Gilead, O.

11510— Presses (Coil)

Oliver Elec. & Mfg. Co. ("Precision"), 2221 Lucas, St. Louis, Mo.

Presses (Coining)

See Coining Machines

11511—Presses (Cold Punched Nut)

Pawtucket Mfg. Co., Pawtucket, R. I.
Penn Metal Co. ("Penco"), 65 Franklin, Boston, Mass.

11512— *Presses (Collet)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

Presses (Concrete)

See Concrete Building Block Machinery

11513—Presses (Concrete Stone)

Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.

11513a— *Presses (Continuous)

ANDERSON V. D. CO. ("Anderson" Expellers for Oil or Moisture), W 96th, Cleveland, O.
See adv index at end of book

11514—Presses (Continuous Roller)

KUTZTOWN FOUNDRY & MACHINE CO. ("Edgerton" for Abbatoirs, etc), 1421 Chestnut, Phila., Pa.
See adv index at end of book

11515—Presses (Copper Plate)

Modern Die & Plate Press Mfg. Co., Belleville, Ill.

11516— Presses (Copying)

Bailey Mfg. Co., Berlin, Conn.
Chicago Scale Co., 7740 S Chicago av, Chicago, Ill.
Fairbanks Co., 416 Broome, New York.
For branch houses see Alphabetical Section
Hoe R. & Co., 504 Grand, New York
Howe Scale Co., Rutland, Vt.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Racine Malleable & Wrought Iron Co., Racine, Wis.
Regina Co. ("Victoria" Rotary), 47 W 34th, New York
Roneo Co. ("Roneo" Rotary Automatic Copying), 117 Leonard, New York
Yawman & Erbe Mfg. Co. ("Rapid Roller Copier"), Rochester, N. Y.

11517— Presses (Cork)

DUNNING & BOSCHERT PRESS CO. (INC.), 379 W Water Syracuse, N. Y.
See adv index at end of book
Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa.
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.

11518— Presses (Cotton)

Adams W. T. Machine Co., Corinth, Miss.
Attalla Foundry & Machine Co., Attalla, Ala.
Bushnell Geo. H. Press Co., Thompsonville, Conn.
Cardwell Machine Co. ("Little Giant" Hydraulic), 1900 E Cary, Richmond, Va.
Continental Gin Co., Bridgewater, Mass., & Birmingham, Ala.
Famous Mfg. Co., East Chicago, Ind.
Georgia Agricultural Works, Fort Valley, Ga.
Hobson & Co., Easton, Pa.
Hyde Chas. J., Meridian, Miss.
Hydraulic Press Mfg. Co., Mount Gilead, Ohio
Liddell Co., Charlotte, N. C.
Logemann Bros. Co., 3130 Burleigh, Milwaukee, Wis.
Lombard Iron Works & Supply Co., Augusta, Ga.
Lummus Cotton Gin Co., Columbus, Ga.
Maurer F. X. Co., Spencer, Ia.
Mecklenburg Iron Works, Charlotte, N. C.
Murray Co., Dallas, Texas
Schofield's J. S. Sons Co., Macon, Ga.
Sinclair-Scott Co., Wells & Patapsco, Baltimore, Md.
Valk & Murdoch Co., Charleston, S. C.
West Point Iron Works, West Point, Ga.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.
Woodall Mfg. Co. ("Money Saver"), 500 Taylor, Davenport, Ia.

11519—Presses (Cotton Seed Hull)

Cardwell Machine Co., 1900 E Cary, Richmond, Va.
Famous Mfg. Co., East Chicago, Ind.
Liddell Co., Charlotte, N. C.
Murray Co., Dallas, Tex.
Valk & Murdoch Co., Charleston, S. C.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.
Woodall Mfg. Co. ("Money Saver"), 500 Taylor, Davenport, Ia.

11520—Presses (Cotton Seed Oil)

ANDERSON V. D. CO. ("Anderson"), W 96th, Cleveland, O.
See adv index at end of book
Buckeye Iron & Brass Works, Dayton, O.
Callahan W. P. Co. (Hydraulic), Dayton, Ohio
Cardwell Machine Co. (Hydraulic), 1900 E Cary, Richmond, Va.
French Oil Mill Machinery Co., Piqua, O.
Hydraulic Press Mfg. Co., Mt. Gilead, O.
Platt Iron Works Co., Dayton, O.
Shriver T. & Co., Harrison, N. J.

11521—Presses (Crank Pin)

Alliance Machine Co., Alliance, O.
Dudgeon Richard, 24 Columbia, New York
ELMES CHAS. F. ENGINEERING WKS. (INC.), cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
Perkins Machine Co., Warren, Mass.
V. & O. Press Co. ("V. & O."), Dry Hrbr. rd, Glendale Station, L. I., N. Y.
WATSON-STILLMAN. CO., 38 Church, New York *See adv index at end of book*

11521a—*Presses (Cupping)

Elmes Chas. F. Engng. Works (Inc.), cor Fulton & Sangamon, Chicago, Ill.
See adv index at end of book

Presses (Cutting)

See Presses, Power

11522— Presses (Cutting Glove Makers')

Curtin Hebert Co. (For Leather, Canvas or Silk Gloves), Gloversville, N. Y.

11523—Presses (Cutting & Creasing)

Griswold George M. Machine Co. (Folding Box Makers), New Haven, Conn.

11524— Presses (Dental)

Hydraulic Press Mfg. Co. (For Seamless Gold Crown Teeth), Mt. Gilead, O.

Presses (Dial)

See Presses, Power

11525—*Presses (Dial Feed)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

11526— Presses (Die)

American Can Co., 104 S Michigan av, Chicago, Ill.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Ferracute Machine Co., Bridgeton, N. J.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Kane & Roach, Syracuse, N. Y.
Kidder R. E. Co. (For Envelopes), Worcester, Mass.
Modern Die & Plate Press Mfg. Co., Belleville, Ill.
NIAGARA MACHINE TOOL WKS., Buffalo, N. Y. *See adv index at end of book*
Perkins Machine Co., Warren, Mass.
Seelye Mfg. Co., 118 South, Boston, Mass.
Seybold Machine Co., Dayton, O.
Sheridan T. W. & C. B. Co. (Bookbinders), 434 B'way, New York
Slaysman & Co., c Pratt & President, Baltimore, Md.
Swaine F. J. Mfg. Co., 7th & O'Fallon, St. Louis, Mo.
Thomas Albright Co. (Hydraulic), Goshen, Ind.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*
Wood R. D. & Co. (Hydraulic), 400 Chestnut, Phila., Pa.

11527—Presses (Die Cutting)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Logemann Bros. Co., 3130 Burleigh, Milwaukee, Wis.
Oswego Machine Works ("Oswego" for Printers & Box Makers, etc.), Oswego, N. Y.
Slaysman & Co., c Pratt & President, Baltimore, Md.

11527a—*Presses (Die Sinking)

Elmes Chas. F. Engng. Works (Inc.), cor Fulton & Sangamon, Chicago, Ill.
See adv index at end of book

11528—*Presses (Disc Notching)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

11529— Presses (Drawing)

See also Sheet Metal Workers' Machines & Tools

AMERICAN CAN CO. (Machinery Dept.), Monroe bldg, Chicago, Ill.
See adv index at end of book
Ams Max Machine Co. ("Ams"), Bridgeport, Conn.
Baird Machine Co., Bridgeport, Conn.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Chambersburg Engineering Co. (Hydraulic), Chambersburg, Pa.
Cleveland Machine & Mfg. Co. (Forming, Blanking & Drawing), Cleveland, O.
ELMES CHAS. F. ENGINEERING WKS. (INC.), cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
Ferracute Machine Co., Bridgeton, N. J.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Hibbard Wm. H. Mfg. Co., 79 Washington, Brooklyn, N. Y.
Kane & Roach, Syracuse, N. Y.
Leffler Charles & Co. (Sheet Metal, etc), 59 Clymer, Brooklyn, N. Y.
See adv index at end of book
Massillon Foundray & Machine Co. ("Massillon"), Massillon, O.
Meriden Press & Drop Co. ("Merriman," Cut & Draw), Meriden, Conn.
Michigan Press Co., Ypsilanti, Mich.
Morgan Engineering Co., Alliance, O.
See adv index at end of book
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book
Perkins Machine Co., Warren, Mass.
Richard Mfg. Co., Bloomsburg, Pa.
Slaysman & Co., c Pratt & President, Baltimore, Md.
Standard Machinery Co., Providence, R. I.
Stoll D. H. Co., Buffalo, N. Y.

Swaine F. J. Mfg. Co., 7th & O'Fallon, St. Louis, Mo.
Toledo Machine & Tool Co. ("Toledo"), Toledo, O.
V. & O. Press Co., Dry Harbor rd, Glendale Station, N. Y.
Walsh Press & Die Co. (For Drawn Shellac, etc), 4709 W Kinzie, Chicago, Ill.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*
Wood R. D. & Co., 400 Chestnut, Phila., Pa.
Woonsocket Machine & Press Co., Woonsocket, R. I.
Zeh & Hehnemann Co. (Double Acting), Vanderpool, Newark, N. J.

Presses (Drill)

See Drilling Machines

11530— Presses (Drop)

See also Hammers, Drop

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Canton Foundry & Machine Co. ("Universal" for Metal Ceilings)), Canton, O.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Ferracute Machine Co., Bridgeton, N. J.
Heartley Machine Variety Iron & Tool Works, 900 Summit, Toledo, O.
Hibbard Wm. H. Mfg. Co., 79 Washington, Brooklyn, N. Y.
Leffler Chas. & Co. (Sheet Metal, Can Makers, etc), 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*
McWilliams Thomas, 237 Eddy, Providence, R. I.
Miner & Peck Mfg. Co., New Haven, Conn.
NIAGARA MACHINE & TOOL WKS, (Bench, Poppet, etc), Buffalo, N. Y. *See adv index at end of book*
Niles-Bement-Pond Co., 111 B'way, New York
Ohl Geo. A. & Co., 159 Oraton, Newark, N. J.
Oliver W. W. Mfg. Co. (Jewelers, etc.), 1483 Niagara, Buffalo, N. Y.
Perkins Machine Co., Warren, Mass.
Robinson J. M. Mfg. Co., Cincinnati, O.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Standard Machinery Co. ("Standard" Automatic), Providence, R. I.
Swaine Fred. J. Mfg. Co., 7th & O'Fallon, St. Louis, Mo.
Toledo Machine & Tool Co. ("Toledo"), Toledo, O.
United Engng. & Fdry. Co., 307 5th av, Pittsburgh, Pa.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
Williams, White & Co., Moline, Ill.

11531— Presses (Embossing)

AMERICAN CAN CO. (Machinery Dept.), ("Rudolphi & Krummel," Toggle & Four Post Toggle), Monroe bldg, Chicago, Ill. *See adv index at end of book*
BECK CHAS. CO., 507 Chestnut, Phila., Pa. *See adv index at end of book*
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
BOOMER & BOSCHERT PRESS CO., 379 W Water, Syracuse, N. Y. *See adv index at end of book*
Carver C. R. Co., 20th & Clearfield, Phila., Pa.
Currier Cyrus & Sons, 365 Market, Newark, N. J.
Dewes A. Co. ("Columbia"), 199 Lafayette, New York
ELMES CHAS. F. ENGINEERING WORKS (INC.), cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
Ferracute Machine Co. (Sheet Metal), Bridgeton, N. J.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Grammes L. F. & Sons (Gold & Wood), Allentown, Pa. *See adv index at end of book*
Heartley Machine Variety Iron & Tool Works, 900 Summit, Toledo, O.
Hibbard Wm. H. Mfg. Co., 79 Washington, Brooklyn, N. Y.
Hickok W. O. Mfg. Co. (For Bookbinders), Harrisburg, Pa.
Hinze H. ("Krause"), 460 W 149th, New York
Hydraulic Press Mfg. Co., Mount Gilead, Ohio
Logemann Bros. Co. (Leather), 3130 Burleigh, Milwaukee, Wis.
Loy & Nawrath Co., 25 Runyon, Newark, N. J.
Manville E. J. Machine Co., Waterbury, Conn.
Mead A. G. Co. (For Paper), 62 Sudbury, Boston, Mass.
Meriden Press & Drop Co., Meriden, Conn.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. *See adv index at end of book*
Ohl Geo. A. & Co. (Metal), 157 Oraton, Newark, N. J.
Perkins Machine Co., Warren, Mass.
Roovers Bros. (For Metal Name Plates, Pattern Letter Plates, Tags, Labels, etc), 100 Schermerhorn, Brooklyn, N. Y. *See adv index at end of book*
Sheridan T. W. & C. B. Co. (Embossing & Graining for Leather, etc), 434 B'way, New York
Standard Machinery Co., Mystic, Conn.
Stoll D. H. Co., Buffalo, N. Y.
Swaine F. J. Mfg. Co. (Sheet Metal), 7th & O'Fallon, St. Louis, Mo.
Toledo Machine & Tool Co. ("Toledo"), Toledo, O.
Traud Alex. & Sons (For Leather), 124 Polk, Newark, N. J.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*

11532—Presses (Emery Wheel)

DUNNING & BOSCHERT PRESS CO. (INC.), 779 W Water, Syracuse, N. Y. *See adv index at end of book*
Hydraulic Press Mfg. Co., Mt. Gilead, O.

11533—Presses (Engravers' Transfer)

Chapman W. H. (For Bank Notes, etc), 229 Mulberry, Newark, N. J.
Currier Cyrus & Sons, 365 Market, Newark, N. J.

Presses (Excelsior Baling)

See Presses, Baling & Hay

11534— *Presses (Fertilizer)

DUNNING & BOSCHERT PRESS CO. (INC.), 379 W Water, Syracuse, N. Y. *See adv index at end of book*
Elmes Chas. F. Engng. Works (Inc.), cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa. *See adv index at end of book*

11535—Presses (Fibre Board)

DUNNING & BOSCHERT PRESS CO. (INC.), 379 W Water, Syracuse, N. Y. *See adv index at end of book*
Hydraulic Press Mfg. Co., Mt. Gilead, O.
Lobdell Car Wheel Co., G. nr Christiana, Wilmington, Del.

11536— Presses (Filter)

ABBE ENGINEERING CO., 220 B'way, New York. *See adv index at end of book*
Allbright-Neil Co. (For Packing Houses, 5323 Western blvd, Chicago, Ill.
American Clay Machinery Co. (Clay), S Walnut, Bucyrus, O.
Bay City Iron Co., Bay City, Mich.
BEACH-RUSS CO., 220 B'way, New York *See adv index at end of book*
Berrigan J. J. ("Berrigan"), Orange, N. J.
Blymyer Iron Works Co., Cincinnati, O.
Bonnot Company, Canton, O.
Bushnell G. H. Press Co., Thompsonville, Conn.
Carbondale Machine Co., Carbondale, Pa.
Colorado Iron Works Co. ("Portland"), Denver, Colo.
CROSSLEY MACHINE CO., State & Chestnut av, Trenton, N. J. *See adv index at end of book*
Dibert, Bancroft & Ross Co., Ltd., Tulane & Hagan av, New Orleans, La.
Dyer Co., Cleveland, O.
Eastwood Benj. Co., Paterson, N. J.
Eckhart Chris., 1237 W 6th, Cincinnati, O.
ELMES CHAS. F. ENGINEERING WORKS (INC.), cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
Hydraulic Press Mfg. Co. (Lard Refining, Wash Plate, etc), Mount Gilead, O.
Ivens Wm. H. Sons Co., P. O. Box 647, Trenton, N. J.
JOHNSON JOHN CO. (All Sizes & Types of Filter Presses in Iron, Bronze, Aluminum, Lead & Wood), 203 37th, Brooklyn, N. Y.
Kelly Co. ("Kelly," for Treatment of Mill Slimes, Sugar Precipitates, etc.), Salt Lake City, Utah
Kiefer Karl Machine Co. (For Laboratory Use), 919 Martin, Cincinnati, O.
Kilby Mfg. Co., Cleveland, O.
KOVEN, L. O. & BRO., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Krajewski-Pesant Corp., 54 Beard, Brooklyn, N. Y.
Logemann Bros. Co., 3130 Burleigh, Milwaukee, Wis.
Louisville Drying Machine Co., Louisville, Ky.
Love Bros. (For Glucose), Aurora, Ill.
Merrill Metallurgical Co. (Slime), 121 2d, San Francisco, Cal.
Moore Filter Co. ("Moore," Slime Process), 43 Exchange pl, New York
Moore Sam'l L. & Sons (Hydraulic), Elizabeth, N. J.
Oliver Continuous Filter Co., 503 Market, San Francisco, Cal., & 299 Madison av, New York
Patterson Foundry & Machine Co., East Liverpool, O.
Payne & Joubert Mch. & Fdry. Co., Howard & Euphrosine, New Orleans, La.
Perrin Wm. R. & Co. (Mining Slime Treatment, Beet Sugar, etc), Old Colony bldg, Chicago, Ill.
Platt Iron Works Co. (For Chemicals, Oils Sugar, Starch, Varnish, etc), Dayton, Ohio
Provost Engng. Corp. ("Provo"), 220 B'way, New York
Pusey & Jones Co., ft Poplar, Wilmington, Del.
Shriver T. & Co., Harrison, N. J.
Sperry D. R. & Co., Batavia, Ill.
Squier Geo. L. Mfg. Co., Buffalo, N. Y.
Traud Alex. & Sons, 124 Polk, Newark, N. J.
United Filters Corpn. (Self-Dumping Filters), 36 Flatbush av. ext., Brooklyn, N. Y.
Whitney Iron Works Co., 849 Tchoupitoulas, New Orleans, La.
Worthington Pump & Machy. Corp. ("Berrigan Patents" for Sugar Houses, Mining Plants, etc), 115 B'way, New York *See adv index at end of book*

11537—Presses (Filter, Laboratory)

Johnson, John Co., 203 37th, Brooklyn, N. Y.
Perrin Wm. R. & Co., Old Colony bldg, Chicago, Ill.
Sperry D. R. & Co., Batavia, Ill.

11538— *Presses (Fish Oil)

DUNNING & BOSCHERT PRESS CO., INC., 379 W Water, Syracuse, N. Y. *See adv index at end of book*

11539— Presses (Flanging)

Chambersburg Engineering Co. (Sectional), Chambersburg, Pa.
ELMES CHAS. F. ENGINEERING WKS., (INC.), cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
Ferracute Machine Co., Bridgeton, N. J.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
MORGAN ENGINEERING CO. ("Morgan" Hydraulic), Alliance, O. *See adv index at end of book*
Perkins Machine Co. (For Heavy Flanging), Warren, Mass.
Ryerson Jos. T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*
V. & O. Press Co. ("V. & O."), Dry Harbor rd, Glendale Station, N. Y.
Wickes Bros., Saginaw, Mich. *See adv index at end of book*
Wood Wm. H. (Sectional), Media, Pa.

11540—Presses (Folding & Seaming)

Slayman & Co. ("Slayman" Duplex, for Can Makers), cor Pratt & President, Baltimore, Md.

11541— Presses (Foot)

AMERICAN CAN CO. (Machinery Dept.), (Pendulum Floor or Bench), Monroe bldg, Chicago, Ill.
See adv index at end of book
Atlas Machine Co., Waterbury, Conn.
Ayars Machine Co. (For Can Making, etc), Salem, N. J.
Baird Machine Co., Bridgeport, Conn.
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Chapman W. H. (Jewelers), 229 Mulberry, Newark, N. J.
Cook H. C. Co., 100-120 Jewett, Ansonia, Conn.
Cook Thos. W. G., 83 Walker, New York
Dewes A. Co., 199 Lafayette, New York
Draher John, Waterbury, Conn.
Ferracute Machine Co., Bridgeton, N. J.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Heartley Machine, Variety Iron & Tool Works, 900 Summit, Toledo, O.
Hibbard Wm. H. Mfg. Co., 79 Washington, Brooklyn, N. Y.
Leffler Chas. & Co. (Toggle Lever, Sheet Metal, etc), 59 Clymer, Brooklyn, N. Y.
See adv index at end of book
Loyd John Co., 124 Baxter, New York
Manville E. J. Machine Co. (Single), Waterbury, Conn.
Meriden Press & Drop Co. ("Merrimac"), Meriden, Conn.
Michigan Press Co., Ypsilanti, Mich.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y.
See adv index at end of book
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
Partridge Edw. O., 2047 Lake, Chicago, Ill.
Perkins Machine Co., Warren, Mass.
Prentiss Henry & Co., Inc. (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York
See adv index at end of book
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill.
See adv index at end of book
Rockford Iron Works (Inclinable), Rockford, Ill.
Rowbottom Machine Co. ("Rowbottom"), Waterville, Conn.
Royersford Foundry & Machine Co., Royersford, Pa.
Ryerson Jos. T. & Son, 2558 W. 16th, Chicago, Ill.
See adv index at end of book
Seattle-Astoria Iron Works (Die Presses, for Salmon Canneries, etc), Seattle, Wash.
SHUSTER F. B. CO. (Toggle, Double & Pendulum Lever), Cedar Hills, New Haven, Conn. *See adv index at end of book*
Slaysman & Co. (Can Makers', etc), cor Pratt & President, Baltimore, Md.
Standard Machinery Co., Providence, R. I.
Stoll D. H. Co., Buffalo, N. Y.
Swaine F. J. Mfg. Co., 7th & O'Fallon, St. Louis, Mo.
Taylor & Fenn Co. (Spring), Hartford, Conn.
Toledo Machine & Tool Co. ("Toledo"), Toledo, O.
V. & O. Press Co. ("V. & O."), Dry Harbor rd, Glendale Station, N. Y.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
Zeh & Hahnemann Co., Vanderpool, Newark, N. J.

11542—Presses for Lining Service Pipe with Cement

Union Water Meter Co., Worcester, Mass.

11543— *Presses (Forcing)

ELMES CHAS. F. ENGINEERING WKS., (INC.), cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
Lucas Machine Tool Co. ("Lucas"), 524 E 99th, Cleveland, O.
Treadwell Engineering Co., Easton, Pa.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*
Weaver Mfg. Co. ("Weaver"), Springfield, Ill.

Presses (Forging)

See Presses, Drop; Presses, Hydraulic; Presses, Power; Hammers, Drop; Forging Machines

11544—Presses (Forging, Steam-Hydraulic)

Mesta Machine Co. ("Haniel & Lueg" Quick-Acting), Pittsburgh, Pa.
See adv index at end of book
Morgan Engineering Co., Alliance, O.
See adv index at end of book
United Engineering & Foundry Co. ("Davy Bros." High Speed), 307 5th av, Pittsburgh, Pa.

11545— *Presses (Forming)

Elmes Chas. F. Engng. Works (Inc.), cor Fulton & Sangamon, Chicago, Ill.
See adv index at end of book

11546— *Presses (Friction, Dial Feed)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

11547— Presses (Fruit)

See also Presses, Wine & Cider

Brohard Co., 3d & Lehigh av, Phila., Pa.
DUNNING & BOSCHERT PRESS CO., INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa.
Fanner Mfg. Co. ("Arctic," Hand), Cleveland, O.
Griswold Mfg. Co., Erie, Pa.
Independent Register & Mfg. Co., Cleveland, O.
Landers, Frary & Clark ("Universal"), New Britain, Conn.
Silver & Co. ("Henis"), 304 Hewes, Brooklyn, N. Y.
Streeter N. R. & Co. ("Sensible"), Rochester, N. Y.
Teller R. K. (Hand, Fruit, Vegetable, etc.), Unadilla, N. Y.
Thurnauer G. M. Co. (For Family Use), 6 E 20th, New York
Vogel Wm. & Bros. ("Henis"), 37 S 9th, Brooklyn, N. Y.
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.
Wrightsville Hardware Co. ("Brighton" for Family Use), Wrightsville, Pa.

11548—Presses (Gang Tool)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Ferracute Machine Co., Bridgeton, N. J.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Perkins Machine Co., Warren, Mass.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

11549— *Presses (Garbage)

DUNNING & BOSCHERT PRESS CO., INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa.
See adv index at end of book

11550— Presses (Gilding)

Hickok W. O. Mfg. Co., Harrisburg, Pa.

11551— Presses (Glass)

Miller Machine & Mould Works (Automatic). Columbus, O.
Sommerfeld Machine & Mfg. Co., 216 2nd av, Pittsburgh, Pa.
Yockel Chas. & Sons, 1220 N Lawrence, Phila., Pa.

11552—— Presses (Glue)

Advance Machinery Co., Toledo, O.
DUNNING & BOSCHERT PRESS CO., INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book

11553—*Presses (Gun Powder)

WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*

11553a— *Presses (Grease)

Elmes Chas. F. Engng. Works (Inc.), cor Fulton & Sangamon, Chicago, Ill.
See adv index at end of book

11554— Presses (Ham)

Wolf, Sayer & Heller ("Victor"), Fulton & Peoria, Chicago, Ill.

11555— Presses (Hand)

Ferracute Machine Co. (For Sheet Metal), Bridgeton, N. J.
Logemann Bros. Co. (Baling for Rags, Waste Paper, etc). 3130 Burleigh, Milwaukee, Wis.
Perkins Machine Co., Warren, Mass.
V. & O. Press Co. ("V. & O."), Dry Harbor rd, Glendale Station, N. Y.
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.
Woodall Mfg. Co. ("Money Saver" Waste Paper, Rags & Hay), 500 Taylor, Davenport, Ia.

11556—Presses (Hand, for Rubber Mfrs.)

DUNNING & BOSCHERT PRESS CO., INC. (also Power), 379 W Water, Syracuse, N. Y.
See adv index at end of book
WILLIAMS FOUNDRY & MACHINE CO., Akron, O.
See adv index at end of book

11557—Presses (Hand Screw)

Disston Hy. & Sons (For Punching, Slotting, Shearing, etc), Tacony, Phila., Pa.
Elmes Chas. F. Engng. Works (Inc.), cor Fulton & Sangamon, Chicago, Ill.
See adv index at end of book

11558—Presses (Harness & Saddlers')

Osborne C. S. & Co., Harrison, N. J.

Presses (Hay)

See Presses, Baling & Hay

11559— Presses (Hogshead)

Cardwell Machine Co. (Power-Screw), 1900 E Carey, Richmond, Va.
Rochester Barrel Machine Works, Rochester, N. Y.

11560— *Presses (Hop)

DUNNING & BOSCHERT PRESS CO., INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book

11561— Presses (Horizontal)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
DUNNING & BOSCHERT PRESS CO., INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Ferracute Machine Co., Bridgeton, N. J.
Perkins Machine Co., Warren, Mass.
Standard Machinery Co., Providence, R. I.
Toledo Machine & Tool Co. ("Toledo"), Toledo, O.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

11562— Presses (Horn)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
DUNNING & BOSCHERT PRESS CO., INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Ferracute Machine Co., Bridgeton, N. J.

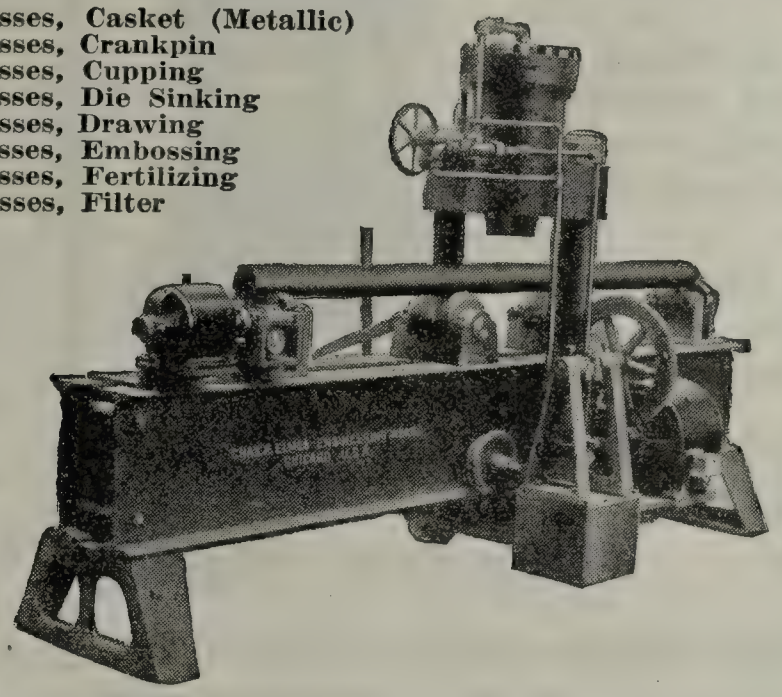
11563—Presses (Horning & Wiring)

AMERICAN CAN CO. (Machinery Dept.), (For Can Makers', etc), Monroe bldg, Chicago, Ill.
See adv index at end of book
Ams Max Machine Co. ("Ams"), Bridgeport, Conn.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Cleveland Machine & Mfg. Co., Cleveland, O.
Ferracute Machine Co., Bridgeton, N. J.
Heartley Machine, Variety Iron & Tool Works, 900 Summit, Toledo, O.
Leffler Chas. & Co., 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*
McCall Machine Works ("Baxendale" Cutting, Horning & Wiring), Rochester, N. Y.

ELMES

Hydraulic Presses—Pumps—Accumulators

Accumulators
Bars, Boring
Benders, Rail
Borers, Bung Hole
Castors, Veneer Press
Change Cocks
Corn Oil Mill Machinery
Engines, Steering
Fittings, High-pressure
Jacks, Hydraulic
Kneaders, Dough
Lifts, Hydraulic
Linseed and Corn Oil Mills, complete with Hydraulic System
Moulds, Rubber Tire
Oil, Hydraulic
Packings, Hydraulic
Patterns, Wood
Presses, Arbor
Presses, Auto Truck Tire Forcing
Presses, Automobile Body
Presses, Bakelite
Presses, Baling for Wool and Paper.
Presses, Banding
Presses, Belting (Leather)
Presses, Briquette
Presses, Broaching
Presses, Carbon Slug Moulding
Presses, Casket (Metallic)
Presses, Crankpin
Presses, Cupping
Presses, Die Sinking
Presses, Drawing
Presses, Embossing
Presses, Fertilizing
Presses, Filter



Presses, Flanging
Presses, Forcing
Presses, Forging
Presses, Forming
Presses, Grease
Presses, Hand Screw
Presses, Hot and Cold
Presses, Indenting
Presses, Insulation Material
Presses, Laboratory
Presses, Lead
Presses, Linseed
Presses, Macaroni
Presses, Metal Drawing
Presses, Mica
Presses, Nosing
Presses, Portable
Presses, Pulling
Presses, Screw
Presses, Silver Refiners
Presses, Solder
Presses, Starch
Presses, Steel Forming
Presses, Straightening
Presses, Tile
Presses, Tire Forcing
Presses, Trap
Presses, Trunk
Presses, Veneer
Presses, Vulcanizing
Presses, Wheel
Presses, Hydraulic Belt, Chain or Steam Driven
Pumps, Milk
Pump Repairs
Retainers for Veneers (Patented)
Steerers, Steam
Tension Testing Machines
Valves, Hydraulic
Winches, Electric (and Hand)

CHARLES F. ELMES ENGINEERING WORKS, Cor. Fulton and Sangamon Sts., CHICAGO, U.S.A.

NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book
Perkins Machine Co., Warren, Mass.
Slaysman & Co. (For Can Makers), cor Pratt & President, Baltimore, Md.
Standard Machinery Co., Providence, R. I.
Stecher Chas. Co., 1580 Crossing, Chicago, Ill.
Stoll D. H. Co., Buffalo, N. Y.
Swaine F. J. Mfg. Co., 7th & O'Fallon, St. Louis, Mo.
Toledo Machine & Tool Co. ("Toledo"), Toledo, O.
Wold, Torris & Co., 240 N. Ashland av, Chicago, Ill.
Zeh & Hahnemann Co., Vanderpool, Newark, N. J.

11564— Presses (Hot Plate)

Dunning & Boschert Press Co. (Inc.), 379 W Water, Syracuse, N. Y.
See adv index at end of book
GERDES & CO., 42 Church, New York
See adv index at end of book
Hydraulic Press Mfg. Co. (For Hot Pressing & Rubber Vulcanizing), Mt. Gilead, Ohio
Turner Tanning Machy. Co. ("Turner" Power), Peabody, Mass.

11564a—*Presses (Hot & Cold)

Elmes Chas. F. Engng. Works (Inc.), cor Fulton & Sangamon, Chicago, Ill.
See adv index at end of book

11565— Presses (Hydraulic)

ADAMSON MACHINE CO. (For Rubber Mfrs.), Akron, O.
See adv index at end of book
Alliance Machine Co., Alliance, O.
Bethlehem Steel Co. (Of All Descriptions), South Bethlehem, Pa.
Birdsboro Steel Foundry & Machine Co. (To Specifications), Birdsboro, Pa.
Birmingham Iron Foundry, Derby, Conn.
Buckeye Iron & Brass Works (For Cottonseed & Linseed Oil, etc.), Dayton, O.
Bushnell G. H. Press Co., Thompsonville, Conn.
Caldwell E. R. & Co., Bradford, Pa.
Callahan W. P. Co., Dayton, O.
Carbondale Machine Co., Carbondale, Pa.
Cardwell Machine Co., 1900 E Cary, Richmond, Va.
Cavagnaro Jno. J., Harrison, N. J.
Chambersburg Eng. Co., Chambersburg, Pa.
CROSSLEY MACHINE CO., State & Chestnut av, Trenton, N. J.
See adv index at end of book
Currier Cyrus & Sons, 365 Market, Newark, N. J.
Davis-Johnson Mfg. Co., 4518 Lexington, Chicago, Ill.
Defiance Machine Works (Hub, Flange & Wheel), Defiance, O.
Dennis John Machine Co. (For Hot Pressing), Lowell, Mass.
Dudgeon Richard, 24 Columbia, New York
DUNNING & BOSCHERT PRESS CO., INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
ELMES CHAS. F. ENGINEERING WKS. (INC.), (Belt, Chain or Steam Driven), cor Fulton & Sangamon, Chicago, Ill.
Falls Clutch & Machinery Co., Cuyahoga Falls, O.
Famous Mfg. Co., East Chicago, Ind.
French Oil Mill Machinery Co., Piqua, O.
Galland-Henning Mfg. Co., Railway Exch. bldg, Milwaukee, Wis.
General Briquetting Co. (Coal, Metal, Scrap & Flue Dust), 25 B'way, New York
GERDES & CO. (for Every Purpose), 42 Church, New York
See adv index at end of book
Grote F. Mfg. Co. (For Tobacco), Evansville, Ind.
Herr Automatic Press Co., Ambler, Pa.
Holyoke Machine Co., Holyoke, Mass.
Howard Iron Works (For Leather & Book Binders), Buffalo, N. Y.
Hydraulic Engineering Works, 708 Fulton, Chicago, Ill.
Hydraulic Press Mfg. Co., Mount Gilead, O.
Illinois Iron & Bolt Co. (For Wagon or Carriage Mfrs.), Carpentersville, Ill.
Jenkins Machine Co. (Steam Heated, Bending for Wood), Sheboygan, Wis.

Hydraulic Presses

Our Standards
or
From Your Blueprints

GERDES & COMPANY
42 Church St., N. Y. C.

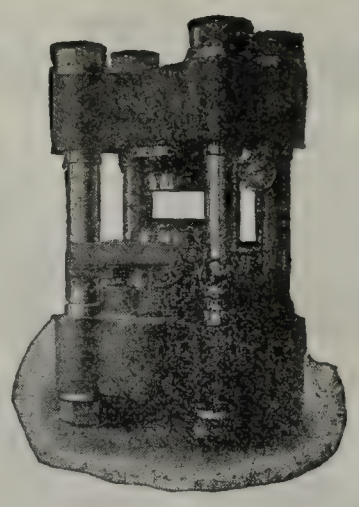
Kane & Roach, Syracuse, N. Y.
Kilby Mfg. Co., Cleveland, O.
Knott L. E. Apparatus Co. (For Demonstration), 79 Amherst, Cambridge, Mass.
Lobdell Car Wheel Co., G, nr Christiana, Wilmington, Del.
Logemann Bros. Co., 3130 Burleigh, Milwaukee, Wis.
Lourie Mfg. Co., Springfield, Ill.
McCall Machine Works, Rochester, N. Y.
McLauthlin Geo. T. Co., 120 Fulton, Boston, Mass.
Mackintosh, Hemphill & Co. (Heavy), Pitttsburgh, Pa.
Mesta Machine Co. (Piercing), Oliver bldg, Pittsburgh, Pa.
See adv index at end of book
Metalwood Mfg. Co. (Shell Banding), Detroit, Mich.
Monarch Mfg. Co. ("Monarch" for Transmission Grease), Council Bluffs, Ia.
MORGAN ENGINEERING CO., Alliance, Ohio *See adv index at end of book*
Niles-Bement-Pond Co., 111 B'way, New York
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.

HYDRAULIC PRESSES

—The Watson-Stillman kind, in which quality has been the factor for nearly 70 years.

This 1000 ton die press is one of over 2000 types and sizes for stamping, flanging, forcing, broaching, bending, baling, scrap baling, forming, drawing, wheel forcing, etc.

We will modify standard construction to meet special conditions.



WRITE FOR CATALOG 92

THE WATSON-STILLMAN CO.

Engineers and Builders of Hydraulic Machinery

38 Church St. New York

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PRESSES (HYDRAULIC)—continued

Perrin Wm. R. & Co. (For Abattoirs), Old Colony bldg, Chicago, Ill.

Phila. Drying Machinery Co., 3351 Stokley, Phila., Pa.

Platt Iron Works Co. (For Oils, Castor Bean, Corn Oil, Hard Wax, etc), Dayton, O.

Riehle Bros. Testing Machine Co., 1424 N 9th, Phila., Pa.

Robertson John & Co. (For Making Lead Pipe, Block Tin Pipe, Solder Wire, Trap & Bends, Lead Incasing Electric Conductors, Silversmiths & Jewelers' Use, Automobile Metal, Body Presses, Phonograph Record Presses, etc), 133 Water, Brooklyn, N. Y.

Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*

Southwark Foundry & Machine Co., 4th & Washington av, Phila., Pa.

Spence & Rideout, Nashua, N. H.

Thomas Albright Co. (For Tankage, Tallow, Leather, etc), Goshen, Ind.

Thropp Wm. R. & Sons Co. (Rubber Mfrs. Presses a Specialty), Trenton, N. J.

THROPP'S JOHN E. SONS CO., ft Lewis, Trenton, N. J.
See adv index at end of book

Treadwell Engineering Co., Easton, Pa.
See adv index at end of book

Turner, Vaughn & Tayler Co. (For Rubber Mfrs.), Cuyahoga Falls, O.
See adv index at end of book

United Engineering & Foundry Co., 307 5th av, Pittsburgh, Pa.

Vulcan Iron Works (Portable, for Pressing on & off Cranks, Crank Pins, Car Wheels, etc), 327 N Irving av, Chicago, Ill.

Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

Watson Machine Co. (For Silk, Cotton & Rubber), Paterson, N. J.

WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*

Werner & Pfleiderer Co., 1232 N Niagara, Saginaw, Mich.
See adv index at end of book

Westbrook Elevator Co., Danville, Va.

WILLIAMS FOUNDRY & MACHINE CO. (For Rubber Goods), Akron, O.
See adv index at end of book

Williams, White & Co. (For Gun, Carriages & Other Work), Moline, Ill.

Wood R. D. & Co. (Shell Piercing & Drawing), 400 Chestnut, Phila., Pa.

Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

11567—Presses (Hydraulic Banding & Stripping, Combined)

Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*

11568—Presses (Hydraulic Crank Pin)

WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*

Wood R. D. & Co. (Portable), 400 Chestnut, Phila., Pa.

11569—Presses (Hydraulic Flanging)

See also Flanging Machines

Alliance Machine Co., Alliance, O.

Bethlehem Steel Co., South Bethlehem, Pa.

Chambersburg Engineering Co., Chambersburg, Pa.

Donley Brothers Co., The, 3625 E 74th, Cleveland, O.
See adv index at end of book

MORGAN ENGINEERING CO., Alliance, Ohio *See adv index at end of book*

Niles-Bement-Pond Co., 111 B'way, New York

Wood R. D. & Co., 400 Chestnut, Phila., Pa.

11570—Presses (Hydraulic Forcing)

See also Presses, Forcing

Chambersburg Engineering Co. (For Bushings, etc), Chambersburg, Pa.

Treadwell Engineering Co., Easton, Pa.

11571—Presses (Hydraulic Forging)

See also Forging Machines

Alliance Machine Co., Alliance, O.

Bethlehem Steel Co., South Bethlehem, Pa.

Chambersburg Engineering Co., Chambersburg, Pa.

ELMES CHAS. F. ENGINEERING WORKS, Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*

Hydraulic Press Mfg. Co., Mt. Gilead, O.

Mesta Machine Co., Pittsburg, Pa.
See adv index at end of book

MORGAN ENGINEERING CO., Alliance, Ohio *See adv index at end of book*

Niles-Bement-Pond Co., 111 B'way, New York

Treadwell Engineering Co., Easton, Pa.

Union Switch & Signal Co., Swissvale, Pa.

United Engineering & Foundry Co. ("Davy Bros" Patent High-Speed Steam-Hydraulic for Forging, Shearing & Pressing), 307 5th av, Pittsburgh, Pa.

WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*

Wood R. D. & Co., 400 Chestnut, Phila., Pa.

11572-3—Presses (Hydraulic, Four Column)

Dunning & Boschert Press Co., Inc., 379 W Water, Syracuse, N. Y.
See adv index at end of book

Wood R. D. & Co., 400 Chestnut, Phila., Pa.

11574—Presses (Hydraulic Leather Belting)

DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book

Hydraulic Press Mfg. Co., Mt. Gilead, O.

Thomas Albright Co., Goshen, Ind.

11575—*Presses (Hydraulic Macaroni)

DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book

ELMES CHAS. F. ENGINEERING WKS. (INC.), cor. Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*

WERNER & PFLEIDERER CO., 1232 No. Niagara, Saginaw, Mich.
See adv index at end of book

11576—Presses (Hydraulic Pipe Bending)

Lourie Mfg. Co., Springfield, Ill.

Wood R. D. & Co., 400 Chestnut, Phila., Pa.

11577—Presses (Hydraulic Portable)

DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book

ELMES CHAS. F. ENGINEERING WKS. (INC.), cor. Fulton & Sangamon, Chigo, Ill. *See adv index at end of book*

Vulcan Iron Works, 327 N Irving av, Chicago, Ill.

Wood R. D. & Co., 400 Chestnut, Phila., Pa.

11578—Presses (Hydraulic Pulley)

Bethlehem Steel Co., South Bethlehem, Pa.

11579—*Presses (Hydraulic Pulling)

ELMES CHAS. F. ENGINEERING WKS. (INC.), Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*

Presses (Hydraulic Rubber Vulcanizing)

See Presses, Vulcanizing

11580—Presses (Hydraulic Spring Bending)

Wood R. D. & Co., 400 Chestnut, Phila., Pa.

Presses (Hydraulic Wheel)

See Presses, Car Wheel

11581—Presses (Hydrostatic Wheel)

Bentel & Margedant Co. (Also Wheel Box), Hamilton, O.

Bethlehem Steel Co., South Bethlehem, Pa.

Caldwell E. R. & Co., Bradford, Pa.

Chambersburg Eng. Co., Chambersburg, Pa.

DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book

ELMES CHAS. F. ENGINEERING WKS. (INC.), cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*

Filer & Stowell Co. (Hydraulic), Milwaukee, Wis.

Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.

Lobdell Car Wheel Co., G nr Christina, Wilmington, Del.

Logemann Bros. Co., 3130 Burleigh, Milwaukee, Wis.

McCall Machine Works, Rochester, N. Y.

Niles-Bement-Pond Co., 111 B'way, New York

Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

11582— Presses (Inclinable)

Ams Max Machine Co. ("Ams"), Bridgeport, Conn.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Ferracute Machine Co., Bridgeton, N. J.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Meriden Press & Drop Co., ("Merriman"), Meriden, Conn.
Michigan Press Co., Ypsilanti, Mich.
NIAGARA MACHINE & TOOL WORKS (Power), Buffalo, N. Y.
See adv index at end of book
Perkins Machine Co., Warren, Mass.
Rockford Iron Works ("Rockford"), Rockford, Ill.
Standard Machinery Co., Providence, R. I.
Swaine F. J. Mfg. Co., 7th & O'Fallon, St. Louis, Mo.
V. & O. Press Co. ("V. & O."), Dry Harbor rd, Glendale Station, N. Y.
Willard Machine & Tool Co. (Power), Covington, Ky.
Wold, Torris & Co. (Power, for Can Makers, etc), 240 N Ashland av, Chicago, Ill.

11582a—*Presses (Indenting)

Elmes Chas. F. Eng. Wks. Inc., cor. Fulton & Sangamon, Chicago, Ill.
See adv index at end of book

11582b—*Presses (Insulation Material)

Elmes Chas. F. Eng. Wks. Inc., cor. Fulton & Sangamon, Chicago, Ill.
See adv index at end of book

11583— *Presses (Jute)

DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
MERRILL BROS., 3 Arnold, Maspeth, Boro. of Queens, New York
See adv index at end of book

Presses (Knit Goods & Hosiery)

See Clothes Pressing Machines

11584—Presses (Knock Screw)

Farrel Foundry & Machine Co., Ansonia, Conn.
Thropp Wm. R. & Sons Co., Trenton, N. J.

11585—Presses (Knuckle Joint)

Ams Max Machine Co. ("Ams"), Bridgeport, Conn.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Bushnell G. H. Press Co., Thompsonville, Conn.
DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Ferracute Machine Co., Bridgeton, N. J.
Perrin Wm. R. & Co., Old Colony bldg, Chicago, Ill
Toledo Machine & Tool Co. ("Toledo"), Toledo, O.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

11586— Presses (Knurling)

V. & O. Press Co. ("V. & O."), Dry Harbor rd, Glendale Station, N. Y.

11587—*Presses (Laboratory)

ELMES CHAS. F. ENGINEERING WKS. (INC.), cor Fulton & Sangamon, Chicago, Ill.
See adv index at end of book

11588—Presses (Lard & Tallow)

Allbright-Neil Co. (For Lard & Oil Refining), 5323 Western blvd, Chicago, Ill.
ANDERSON V. D. CO. ("Anderson"), W 96th, Cleveland, O.
See adv index at end of book
Brecht Co. (Hydraulic Tankage), 1201 Cass av, St. Louis, Mo.
Donaldson Bros., Mount Clemens, Mich.
DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Enterprise Mfg. Co. of Pa., N 3d & Dauphin, Phila., Pa.
Griswold Mfg. Co. (Lard Only), Erie, Pa.
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Landers, Frary & Clark ("Universal"), New Britain, Conn.
Lansing Co. (Hand), Lansing, Mich.
Shriver O. P. & Co., Cincinnati, O.
Silver Mfg. Co. (Lard), Salem, O.
Streeter N. R. & Co. ("Sensible"), Rochester, N. Y.
Thomas Albright Co. (Hydraulic), Goshen, Ind.
WASTE SAVING MACHINE CO., Real Estate Trust bldg, Phila., Pa.
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.
Wrightsville Hardware Co., Wrightsville, Pa.

11588a— *Presses (Lead)

Elmes Chas. F. Eng. Wks. Inc., cor. Fulton & Sangamon, Chicago, Ill.
See adv index at end of book

11588b—*Presses (Lead Seal)

MORRILL CHAS. ("Apex"), 100 Lafayette, New York
See adv index at end of book

11589— Presses (Leather)

DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Quirin Leather Press Co., Olean, N. Y.
Randall J. D. Co. (For Harness & Horse Collar Mfrs., etc), 610 W Court, Cincinnati, O.
Sheridan T. W. & C. B. Co., 434 B'way, New York
Thomas Albright Co. (Hydraulic for Pressing Out Moisture), Goshen, Ind.
Woodall Mfg. Co., ("Money Saver" Scrap), 500 Taylor, Davenport, Ia.

11590-1— Presses (Lever)

BLISS E. W. CO. (Foot & Hand), 19 Adams, Brooklyn, N. Y.
See adv index at end of book
Ferracute Machine Co. (For Sheet Metal), Bridgeton, N. J.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Leffler Chas. & Co. ("Ontable," Toggle Lever Foot), 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y.
See adv index at end of book
Perkins Machine Co., Warren, Mass.
Perrin Wm. R. & Co., Old Colony bldg, Chicago, Ill.
Philadelphia Drying Machinery Co. ("Hurricane"), 3351 Stokley, Phila, Pa.
SHUSTER F. B. CO., Cedar Hills, New Haven, Conn. *See adv index at end of book*
Stoll D. H. Co., Buffalo, N. Y.
Swaine F. J. Mfg. Co. 7th & O'Fallon, St. Louis, Mo.
Woonsocket Machine & Press Co., Woonsocket, R. I.

11592—Presses (Linseed Oil)

ANDERSON V. D. CO. ("Anderson"), W 96th, Cleveland, O.
See adv index at end of book
Buckeye Iron & Brass Works, Dayton, O.
ELMES CHAS. F. ENGINEERING WORKS (INC.), cor Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
French Oil Mill Machinery Co., Piqua, O.
Hydraulic Press Mfg. Co., Mount Gilead, Ohio
Platt Iron Works Co., Dayton, O.

11593—Presses (Lithographers')

Babcock Printing Press Mfg. Co., New London, Conn.
Cottrell C. B. & Sons Co., Westerly, R. I.
Fuchs & Lang Mfg. Co., 119 W 40th, New York
Hall Printing Press Co., Dunellen, N. J.
Harris Automatic Press Co. (Rotary Off Set), E 71st, Cleveland, O.
Hoe R. & Co., 504 Grand, New York
Howard Iron Works, Buffalo, N. Y.
Potter Printing Press Co., Plainfield, N. J.

11593a— Presses (Machine)

TERKELSEN & WENNBERG ("T. & W." Semi-Automatic for Moulding Electrical Insulation), 328 A, Boston, Mass. *See adv index at end of book*

Presses (Mandrel)

See Presses, Arbor

11594—Presses (Meat Juice)

Athol Machine Co. ("Domestic"), Athol, Mass.
DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Osborne C. S. & Co. ("Osborne"), Harrison, N. J.
Walker C. L. & Co. ("Quick & Easy"), 656 W 12th, Erie, Pa.

11594a—*Presses (Metal Drawing)

Elmes Chas. F. Eng. Wks. Inc., cor. Fulton & Sangamon, Chicago, Ill.
See adv index at end of book

11595— *Presses (Mica)

DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
ELMES CHAS. F. ENGINEERING WORKS (INC.), cor Fulton & Sangamon, Chicago, Ill.
See adv index at end of book

11596— Presses (Moisture)

ANDERSON V. D. CO. ("Anderson"), W 96th, Cleveland, O.
See adv index at end of book

Presses (Molding)

See Molding Machines, Foundry

11597—Presses (Multiple Punching)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Ferracute Machine Co., Bridgeton, N. J.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Michigan Press Co., Ypsilanti, Mich.

11597a—*Presses (Nosing)

Elmes Chas. F. Eng. Wks. Inc., cor. Fulton & Sangamon, Chicago, Ill.
See adv index at end of book

11597b—Presses (Oily Waste)

NUGENT, WM. W. & CO., 146 W. Superior, Chicago, Ill.
See adv index at end of book

11598— Presses (Oleo)

Allbright-Nell Co., 5323 Western blvd, Chicago, Ill.
DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.

11599— Presses (Olive Oil)

DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.

11600—Presses (Paper Box Cutting & Creasing)

BECK CHAS. CO., 607 Chestnut, Phila., Pa.
See adv index at end of book
Ferracute Machine Co., Bridgeton, N. J.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Meisel Press Mfg. Co., 942 Dorchester av, Boston, Mass.

11601—Presses (Peanut Oil)

ANDERSON V. D. CO. ("Anderson"), W 96th, Cleveland, O.
See adv index at end of book
Buckeye Iron & Brass Works, Dayton, O.
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.

11602— Presses (Perforating)

Ams Max Machine Co. ("Ams"), Bridgeport, Conn.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Ferracute Machine Co., Bridgeton, N. J.
Meriden Press & Drop Co. ("Merriman"), Meriden, Conn.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y.
See adv index at end of book
Slaysman & Co., cor Pratt & President, Baltimore, Md.

11603—*Presses (Pickeye Forging)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

11604—Presses (Pipe Straightening)

United Engineering & Foundry Co. (For 6 to 12 inch Pipe), 307 5th av, Pittsburgh, Pa.

11605— Presses (Platen)

BOOMER & BOSCHERT PRESS CO., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Lobdell Car Wheel Co., G nr Christiana, Wilmington, Del.
McCall Machine Works, Rochester, N. Y.
Miller Saw-Trimmer Co. (Feeders), Newark, N. J.

11605a—*Presses (Playing Card)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

11606— Presses (Potato)

Silver & Co. ("Silver"), 304 Hewes, Brooklyn, N. Y.

11607—Presses (Pottery Printing)

Logan Edw. Mach. Co. (Hand), Trenton, N. J.

11608— Presses (Power)

Adriance Machine Works (Sheet Metal, etc.), 80 Richards, Brooklyn, N. Y.
Alliance Machine Co. (Armature, Forging, Punching, etc), Alliance, O.
AMERICAN CAN CO. (Machinery Dept.) ("Rudolphi & Krummel" Patterns for Can Makers, etc), Monroe bldg, Chicago, Ill. *See adv index at end of book*
Ams Max Machine Co. ("Ams," for Can Makers), Bridgeport, Conn.
Anderson Machine & Foundry Co., Anderson, S. C.
ANDERSON V. D. CO. ("Anderson"), W 96th, Cleveland, O.
See adv index at end of book
Atlas Machine Co., Waterbury, Conn.
Atlas Mfg. Co., Fostoria, O.
Automatic Machine Co., Bridgeport, Conn.
Ayars Machine Co. (For Can Making, etc), Salem, N. J.
Baird Machine Co., Bridgeport, Conn.
Bauroth E. F., Toledo, O.
Bender Ph. J. & Sons, 87 Frankfort, New York
Bertsch & Co. (Geared Punch, etc), Cambridge City, Ind.
Bethlehem Steel Co., South Bethlehem, Pa.
Birch & Birch (Blanking for Sheet Metal), Crawfordsville, Ind.
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Brown F. S. & G. L. Machine Co., 26 E. Fort av, Baltimore, Md.
Bushnell G. H. Press Co., Thompsonville, Conn.
Cady Machine Co., Cleveland, O.
Cleveland Machine & Mfg. Co., Cleveland, Ohio
Cleveland Punch & Shear Works Co., 3921 St. Clair, N E, Cleveland, O.
Cleveland Stamping & Tool Co., Cleveland, Ohio
Consolidated Press Co., Hastings, Mich.
Cook H. C. Co. (Light Weight), 100-120 Jewett, Ansonia, Conn.
Cook Thos. W. G., 83 Walker, New York
Coulter & McKenzie Machine Co., Bridgeport, Conn.
Curtis & Marble Machine Co., Worcester, Mass.
Draher John, Waterbury, Conn.
Dunning & Boschert Press Co. (Inc.), 379 W Water, Syracuse, N. Y.
See adv index at end of book
Enterprise Machinery Co. Inc., 32-34 S Clinton, Chicago, Ill.
Excelsior Tool & Machine Co., 32d & Ridge, E St. Louis, Ill.
Falstrom & Tornquist Co. (For Corrugating Sheet Metal), Passaic, N. J.
Ferracute Machine Co., Bridgeton, N. J.
Frankford Foundry & Machine Works (Forgings & Punching), Widener bldg, Phila., Pa.
Garrison A. Foundry Co. (For Rolling Mills, etc), 901 Bingham, Pittsburgh, Pa.
Griswold Geo. M. Machine Co., New Haven, Conn.
Grote F. Co. (For Tobacco), Evansville, Ind.
Harris H. E. Engineering Co. (Multiple Slide), 1047 Broad, Bridgeport, Conn.
Heartley Machine, Variety Iron & Tool Works, 900 Summit, Toledo, O.
Hibbard Wm. H. Mfg. Co., 79 Washington, Brooklyn, N. Y.
Humphrey Machine Co. (Also Hand), Keene, N. H.
Hydraulic Press Mfg. Co., Mount Gilead, O.
Kane & Roach, Syracuse, N. Y.
Kling Bros., Engineering Works, 1304 Kingsbury, Chicago, Ill.
Leffler Chas. & Co. (Sheet Metal Cans, Tinware, etc, in Ten Sizes), 59 Clymer, Brooklyn, N. Y.
See adv index at end of book
Lippert & Rhenstrom, Kenosha, Wis.
Logemann Bros. Co. (Cutting), 3130 Burleigh, Milwaukee, Wis.
Loshbough & Jordan Tool & Machine Co., Elkhart, Ind.
Lourie Mfg. Co. (Any Purpose), Springfield, Ill.
Loyd John Co., 124 Baxter, New York
Lucas Machine Tool Co. ("Lucas" Power Forcing), 524 E 99th, Cleveland, O.
McDonald Machine Co., 3207 Shields av, Chicago, Ill.
McSherry Mfg. Co. (Punching), Pittsburgh, Pa.
Malm Machine Co. (Rotary), 26 N Canal, Dayton, O.
Manville E. J. Machine Co. (Single & Double Acting), Waterbury, Conn.
Massilon Foundry & Machine Co. ("Massillon"), Massillon, O.
Meriden Press & Drop Co. ("Merriman" Punching), Meriden, Conn.
Michigan Press Co., Ypsilanti, Mich.
Mitchell Jno. R. Co., 702 S Washington, Baltimore, Md.
MORGAN ENGINEERING CO., Alliance, O.
See adv index at end of book
National Roll & Foundry Co., Avonmore, Pa.
New Doty Mfg. Co., Janesville, Wis.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. *See adv index at end of book*
Niles-Bement-Pond Co., 111 B'way, New York
Nilson A. H. Machine Co. ("Special"), Bridgeport, Conn.
Ohl Geo. A. & Co. (For Sheet Metal Workers), 159 Oraton, Newark, N. J.
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Perkins Machine Co. (Punching, Forging, Dial, etc), Warren, Mass.
Perrin Wm. R. & Co., Old Colony bldg, Chicago, Ill.
Prentiss Henry & Co., Inc. (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York
See adv index at end of book
Richard Mfg. Co., Bloomsburg, Pa.
Robinson J. M. Mfg. Co., Cincinnati, O.
Rockford Iron Works ("Rockford," High Duty), Rockford, Ill.
Rowbottom Machine Co. ("Rowbottom Yankee" Bench), Waterville, Conn.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Seattle-Astoria Iron Works (Die Presses for Salmon Canneries, etc), Seattle, Wash.
Sheridan T. W. & C. B. Co. (Cutting), 434 B'way, New York
Sidney Power Press Co., Sidney, O.
Slaysman & Co. (Can Makers, etc), cor Pratt & President, Baltimore, Md.
Springfield Machine Tool Co., Springfield, Ohio
Standard Machinery Co. (Single & Double Acting), Providence, R. I.
Stoll D. H. Co. (For Sheet Metal, etc), Buffalo, N. Y.
Strong, Carlisle & Hammond Co., 336-344 Frankfort av, N. W., Cleveland, O.
Swaine Fred J. Mfg. Co. (Punching), 7th & O'Fallon, St. Louis, Mo.
Toledo Machine & Tool Co. ("Toledo"), (Double Geared), Toledo, O.
Torrington Mfg. Co. (Single or Double Action Cam or Crank), Torrington, Conn.
United Engineering & Foundry Co., 307 5th av, Pittsburgh, Pa.
V. & O. Press Co., Dry Harbor rd, Glendale Sta., N. Y.
Verdin, Kappes & Verdin Co. (Punching), Cincinnati, O.
Walsh Press & Die Co. (Double Crank Dies & Inclinable Open Back), 4709 W Kinzie, Chicago, Ill.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
Wells Frank L. Co. (Multiple Power Punching), Kenosha, Wis.
Wilcox Mfg. Co. (Horn Punch), 4824 W Lake, Chicago, Ill.
Willard Machine & Tool Co., Covington, Ky.
Willard Press & Tool Co., Cincinnati, O.
Zeh & Hahnemann Co. (Inclinable, Straight sided, etc), Vanderpool, Newark, N. J.

11609—Presses (Power Forcing)

See also Presses, Forcing
Lucas Machine Tool Co. ("Lucas"), 524 E 99th, Cleveland, O.

11610—Presses (Prescription)

Merrill Metallurgical Co. ("Merrill" Hydraulic), 121 2d, San Francisco, Cal.

11611—Presses (Printers' Proof)

Chandler & Price Co. (Galley), Cleveland, O.
Damon Geo. & Sons, 44 Beekman, New York
Potter Printing Press Co. ("Potter," "Poco"), Plainfield, N. J.

Presses (Printing)

See Printing Presses & Machinery

11612—Presses (Printing & Embossing)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
National Machine Co. ("Hartford," Cutting & Creasing & "Hartford" Embossing), Hartford, Conn.

11613—*Presses (Projectile or Shell Banding, Hydraulic)

Mesta Machine Co. (Shell Banding), Oliver bldg, Pittsburgh, Pa.
See adv index at end of book
WEST TIRE SETTER CO., Rochester, N.Y.

Presses (Punching)

See Presses, Power

11614—Presses (Punching, Hand Power)

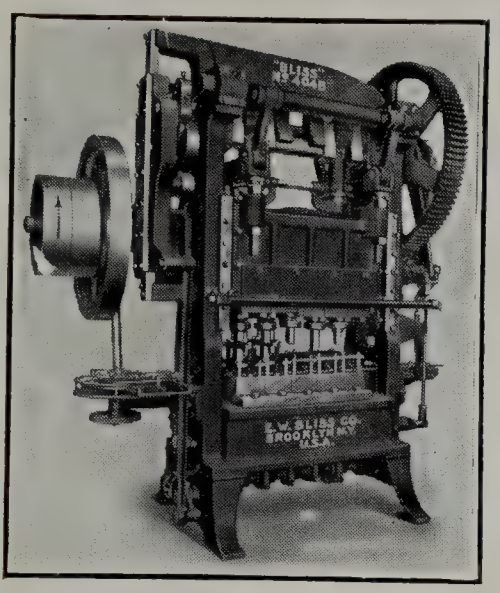
Braun J. G., 609 S Paulina, Chicago, Ill.
Oswego Tool Co., Oswego, N. Y.

11615—Presses (Rail Straightening)

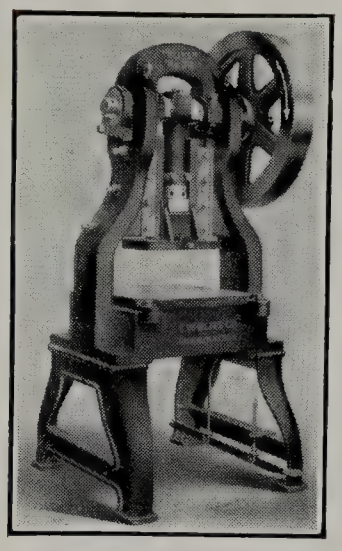
Alliance Machine Co., Alliance, O.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Kane & Roach, Syracuse, New York
Mackintosh, Hemphill & Co., Pittsburgh, Pa.
United Engineering & Foundry Co., 307 5th av, Pittsburgh, Pa.

Presses, Dies, Drop Hammers, Automatic Tin Can Machinery, Metal Package Machinery, Automobile Parts Machinery, Electrical Parts Machinery, Shears, Slitters.

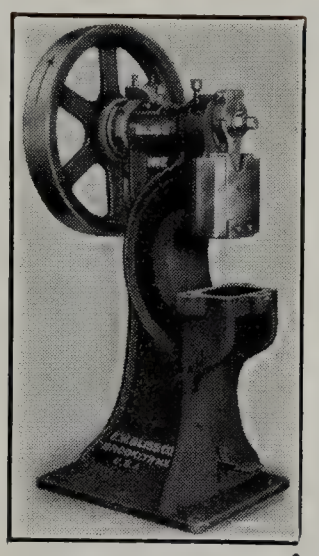
SHEET METAL WORKING MACHINERY



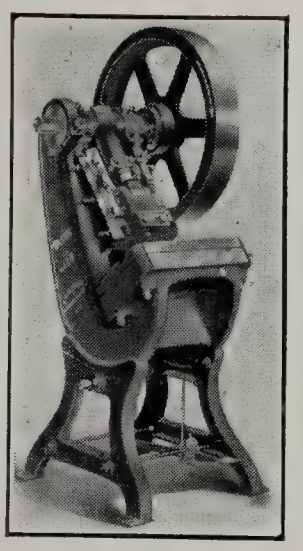
" BLISS " DOUBLE-CRANK TOGGLE DRAWING PRESS WITH AUTOMATIC FEEDS—This type of press is specially adapted for the rapid and economical production of articles which require a series of operations.



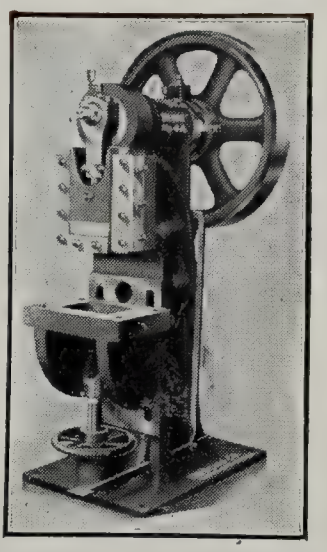
" BLISS " POWER PRESSES — Nos. 29, 30 and 30-N, weighing from 3,000 to 5,400 lbs., also built with gearing. Adapted for many operations in the manufacture of pieced tinware, ironware, etc.



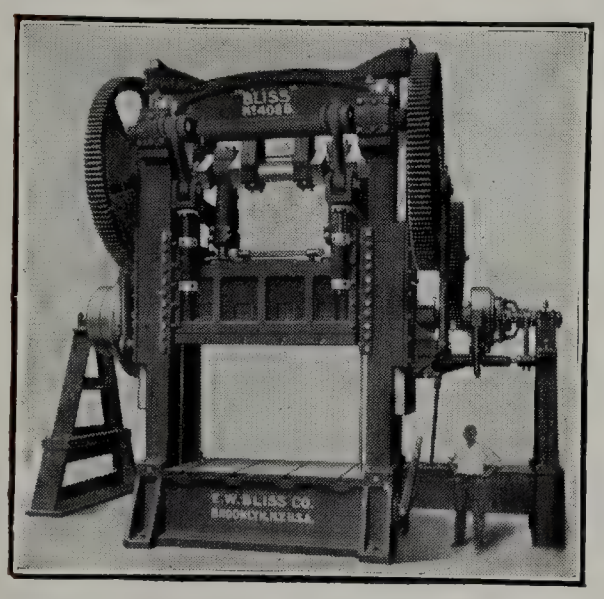
" STILES " PUNCHING PRESSES—11 sizes, weighing from 550 to 13,000 lbs. Adapted for the manufacture of general hardware, electrical goods, etc.



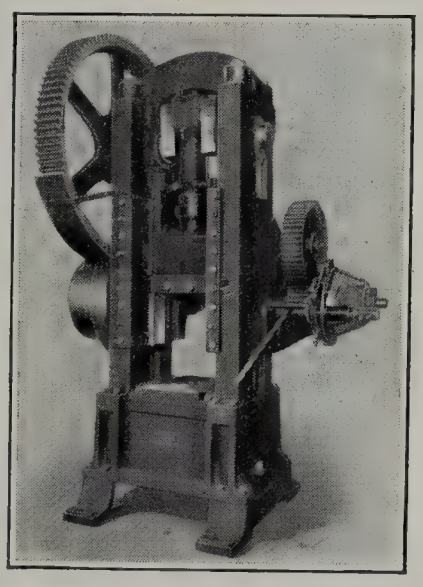
" BLISS " INCLINABLE POWER PRESSES—18 sizes, weighing from 500 to 8,000 lbs., either as "Fly-wheel" or "Geared" Presses. Adapted for tin, sheet-brass, sheet-steel work, etc.



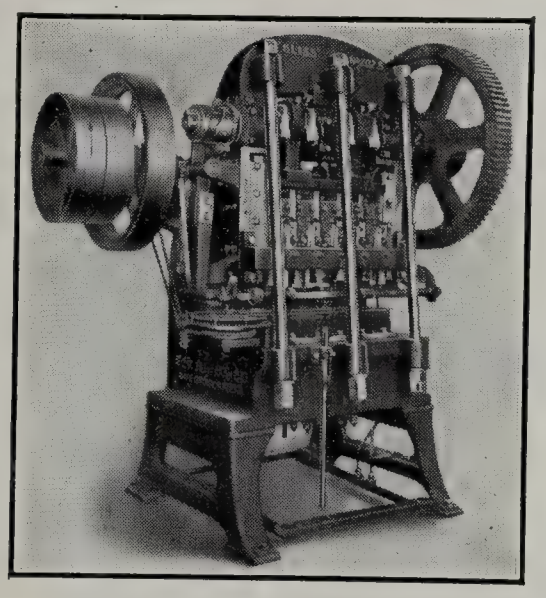
"STILES" ADJUSTABLE - BED PRESSES—Built in 4 sizes, as Fly-wheel or Geared Presses. Weights, 2,300 to 10,500 lbs. Adapted for forming and bending operations and for work requiring a longer stroke than is practicable on the "Stiles" standard pattern of press.



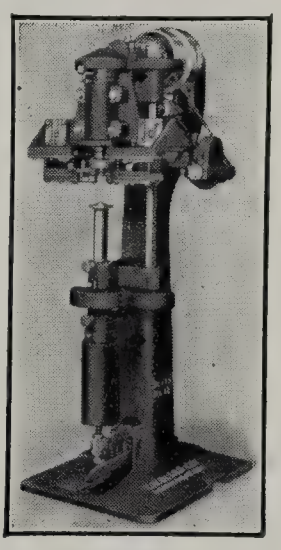
"BLISS" DOUBLE-CRANK TOGGLE DRAWING PRESSES—Built in 40 sizes, adapted for heavy drawing and forming of large articles. Weights, 15,000 to 325,000 lbs.



" BLISS " REDUCING PRESSES—For reducing cups or shells previously cut and formed in double-action presses, and for drawing and forming. Many sizes.



" BLISS " AUTOMATIC PRESS—For the rapid and economical production of articles which require a series of operations to be performed. Built with 4 or 5 punch slides. Weight, as shown, 8,500 lbs.



" BLISS " DOUBLE-SEAMERS—Built in over 30 different types and sizes, weighing from 275 to 7,500 lbs. For double-seaming the tops and bottoms on articles of square, round, oval and irregular shapes.

BLISS

1857

E. W. BLISS COMPANY

Main Office and Works: BROOKLYN, N. Y., U. S. A.

CHICAGO OFFICE
People's Gas Bldg.

DETROIT OFFICE
Dime Bank Bldg.

CLEVELAND OFFICE
Union Bank Bldg.

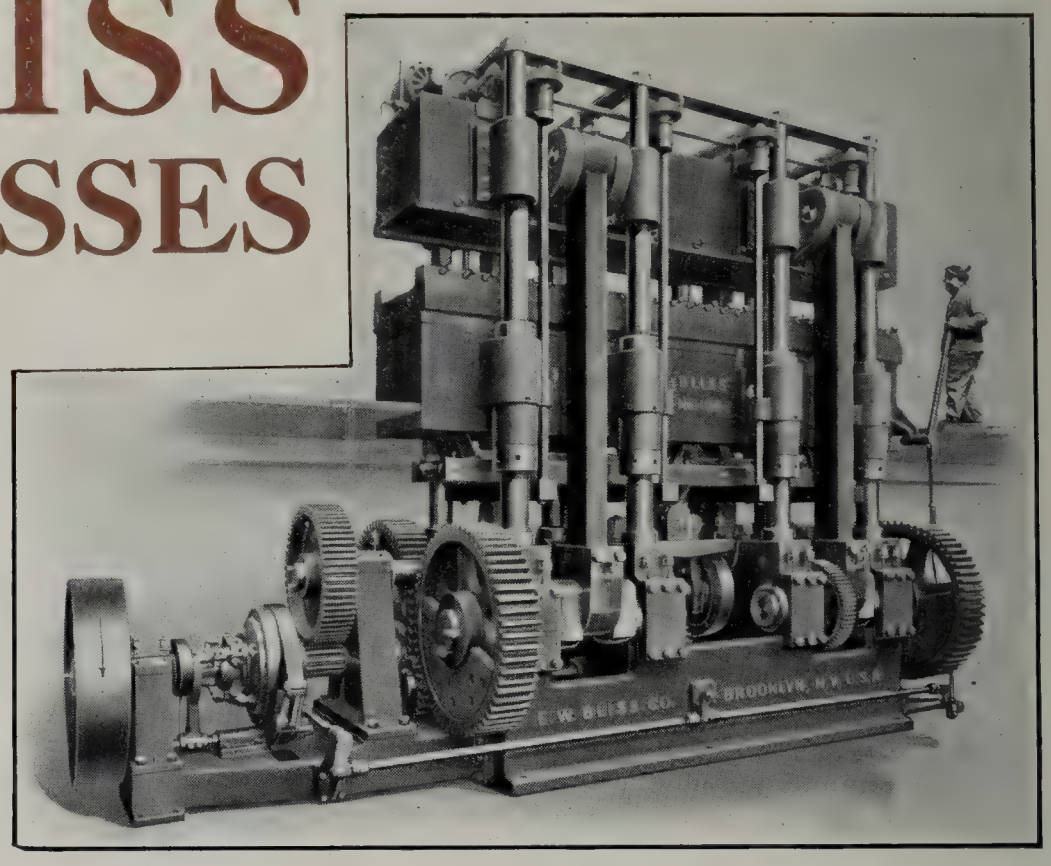
LONDON, S. E., ENGLAND
Pocock Street, Blackfriars Road

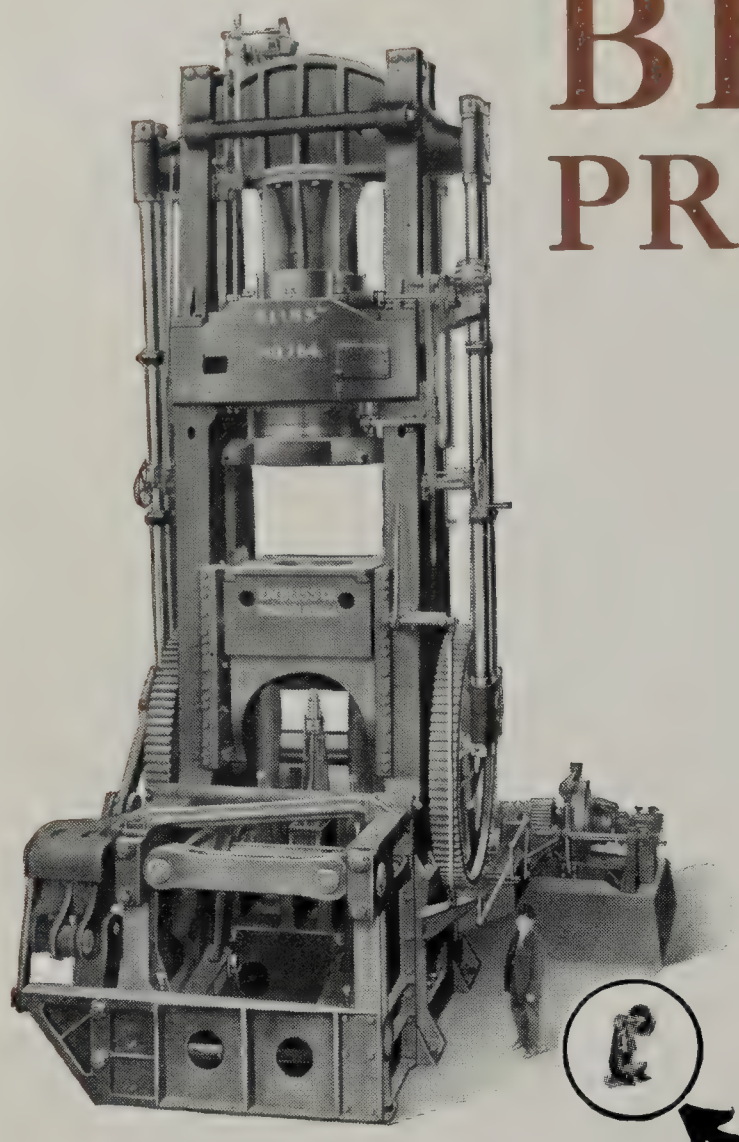
PARIS, FRANCE
100 Boulevard Victor-Hugo St. Ouen

BLISS

1918

BLISS PRESSES



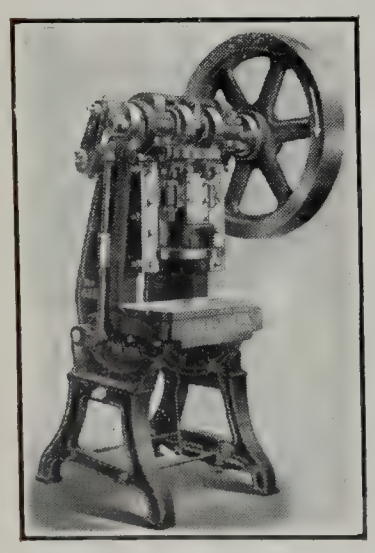


A COMPARISON

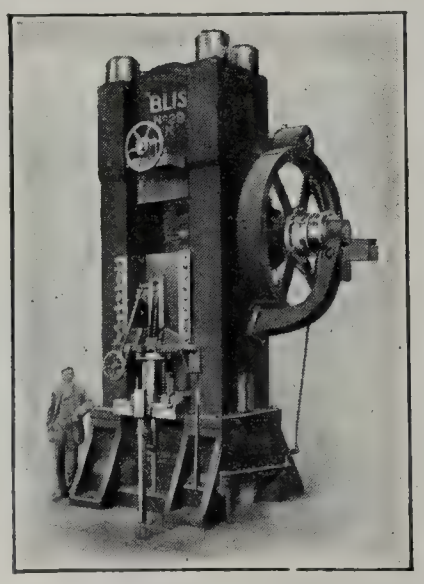
that shows the extremes covered by the Bliss Line of Power Presses

For Every Power Press Need

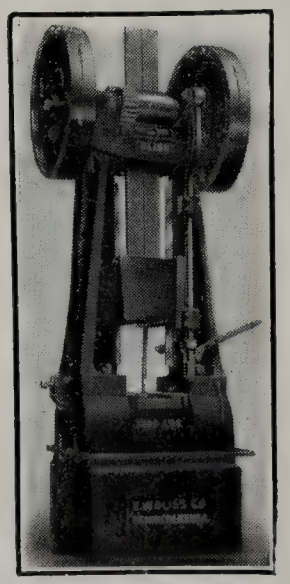
From tiny Bench Presses, little more than two feet high, up to huge machines nearly forty feet in height. The "Bliss" line includes types and sizes for every requirement. A sectional catalogue describes each class.



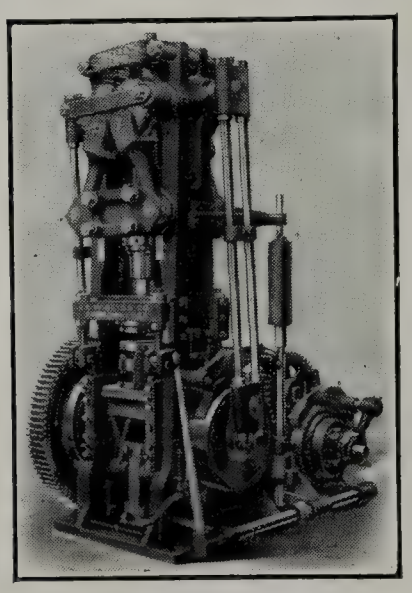
"BLISS" DOUBLE-ACTION PRESSES—Built in 20 sizes, weighing from 750 to 32,000 lbs. Used in cutting and drawing shells in tin, brass, zinc, copper, aluminum and steel.



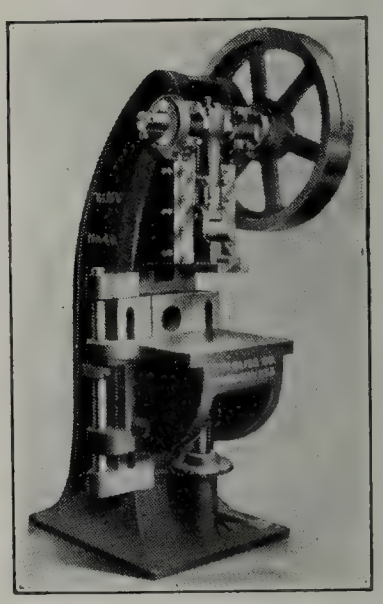
"BLISS" KNUCKLE JOINT EMBOSSING PRESS—Built in 9 sizes for pressures ranging from 100 to 1,500 tons. One-piece frames on smallest sizes. Built up, tie-rod frames on largest.



"STILES" AUTOMATIC DROP HAMMERS—Built in 15 sizes. Adapted for forging or stamping. Hammers weigh from 100 to 3,000 lbs.



"BLISS" TWO-STEP TOGGLE DRAWING PRESSES—Built in 5 sizes and 2 styles. For drawing and re-drawing shells from all kinds of sheet metal, performs two operations in one. Weights, 18,000 to 70,000 lbs.



"BLISS" HORNING AND WIRING PRESSES—18 sizes and several styles, some of them with automatic die slide for work up to 24 inches diameter. Weights, 1,100 to 7,500 lbs.

E. W. BLISS COMPANY, BROOKLYN - LONDON - PARIS

11616— Presses (Reducing)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Ferracute Machine Co., Bridgeton, N. J.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Leffler Chas. & Co., 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*
Perkins Machine Co., Warren. Mass
Standard Machinery Co., Providence, R. I.
Stoll D. H. Co., Buffalo, N. Y.
V. & O. Press Co. ("V. & O."), Dry Harbor rd, Glendale Station, N. Y.
Zeh & Hahnemann Co., Vanderpool, Newark, N. J.

11617— Presses (Riveting)

Alliance Machine Co., Alliance, O.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Ferracute Machine Co., Bridgeton, N. J.
Hanna Engineering Works, 1764 Elston av, Chicago, Ill.
Heartley Machine, Variety Iron & Tool Works, 900 Summit, Toledo, O.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y.
See adv index at end of book
Perkins Machine Co., Warren, Mass.
Toledo Machine & Tool Co. ("Toledo"), Toledo, O.
Williams, White & Co. (Horizontal), Moline, Ill.

11618— Presses (Roll Feed)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

11619— Presses (Rotary)

Kidder Press Co. (All Kinds), Dover, N. H.
Pittsburgh Machine Tool Co. ("Curtis"), Corey, Pittsburgh, Pa.

11620— Presses (Rubber)

Blymyer Iron Works Co. (For Pressing Crude Rubber Boles), Cincinnati, O.
Dunning & Boschert Press Co., Inc., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Turner, Vaughn & Taylor Co., Cuyahoga Falls, O. *See adv index at end of book*

11620a—*Presses (Sagger)

CROSSLEY MACHINE CO., State & Chestnut av, Trenton, N. J.
See adv index at end of book

11621—Presses (Salt Compressing)

Cardwell Machine Co., 1900 E Cary, Richmond, Va.
Dunning & Boschert Press Co., Inc., 379 W Water, Syracuse, N. Y.

11622—Presses (Scrap Metal)

See also Presses, Baling, Metal Scrap
BOOMER & BOSCHERT PRESS CO., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Famous Mfg. Co. (Pressed into Cubes), East Chicago, Ind.
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.
Woodall Mfg. Co. ("Money Saver"), 500 Taylor, Davenport, Ia.

11623— Presses (Screw)

AMERICAN CAN CO. (Machinery Dept.) ("Rudolphi & Krummel" Hand & Power), Monroe bldg, Chicago, Ill.
See adv index at end of book
American Process Co. (Automatic, Continuous), 68 William, New York
Barnes W. F. & John Co. ("Barnes" Adjustable for Machine Shops), Rockford, Ill.
Bates Elevator Co., 211 President, Baltimore, Md.
Bender Ph. J. & Sons, 87 Frankfort, New York
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Burroughs Chas. Co., 141 Commerce, Newark, N. J.
Bushnell G. H. Press Co., Thompsonville, Conn.
Cardwell Machine Co., 1900 E Cary, Richmond, Va.
Consolidated Press Co., Hastings, Mich.
Cook Thos. W. G., 83 Walker, New York
Dennis John Machine Co. (For Hot Pressing), Lowell, Mass.
DUNNING & BOSCHERT PRESS CO. INC. (Power), 379 W Water, Syracuse, N. Y. *See adv index at end of book*
ELMES CHAS. F. ENGINEERING WORKS (INC.), cor Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
Ferracute Machine Co., Bridgeton, N. J.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Hibbard Wm. H. Mfg. Co., 79 Washington, Brooklyn, N. Y.
Jackson & Church Co., Saginaw, Mich.
Lovewell-Henrici Co., Chelsea, Mass.
Loyd Jno. Co., 124 Baxter, New York
Manhattan Machine & Tool Works (For Testing Dies), Grand Rapids, Mich.
New Doty Mfg. Co., Janesville, Wis.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y.
See adv index at end of book
Perkins Machine (Hand & Power), Warren, Mass.
Perrin Wm. B. & Co. (For Abattoir), Old Colony bldg, Chicago, Ill.
Philadelphia Drying Machinery Co. ("Hurricane," Power), 3351 Stokley, Phila., Pa.
Pruyn David H. Co., 131 Columbus av, Boston, Mass.
Renneburg E. & Sons Co. (Continuous), 2639 Boston, Baltimore, Md.
Robinson J. M. Mfg. Co., Cincinnati, O.
Smith, Drum & Co. (Power), Allegheny av & 4th, Phila., Pa.
Spence & Rideout, Nashua, N. H.
Standard Machinery Co., Providence, R. I.
Stecher Chas. Co. (Arch Screw for Testing Out All Kinds of Cutting, Stamping, Embossing & Forming Dies), 1580 Crossing, Chicago, Ill.
Stoll D. H. Co., Buffalo, N. Y.
Swaine F. J. Mfg. Co. (Arch, etc.), 7th & O'Fallon, St. Louis, Mo.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
WERNER & PFLEIDERER CO., 1232 No Niagara, Saginaw, Mich.
See adv index at end of book

11624— Presses (Seal)

American Stamp Mfg. Co., 85 John, New York
Ashbery Henry C., 285 Washington, Buffalo, N. Y.
Gibson A. C. Co. (Car, Corporation, Notary, etc), Buffalo, N. Y.
Handlan-Buck Mfg. Co. ("Handlan"), 210-14 N 3d, St. Louis, Mo.
Matthews Jas. H. & Co., 3942 Forbes, Pittsburgh, Pa.
Moise-Klinckner Co., 369 Market San Francisco, Cal.
Morrill Chas. ("Morrill" & "Apex" (For impressing lead seals), 100 Lafayette, New York
See adv index at end of book
Murdock W. Jas. Co., 116 Opera pl, Cincinnati, O.
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Parker T. M., Hartford, Conn.
Schwerdtle Stamp Co., 43 Cannon, Bridgeport, Conn. *See adv index at end of book*
Sigwalt Mfg. Co. ("Sigwalt," "Star," "Maas," "Lion Head," "Long Reach," "County," "Consular," "Jewell"), 3658 Armitage, Chicago, Ill.
Smith R. H. Mfg. Co. ("Bay State"), Springfield, Mass.
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.
Spokane Stamp Works, Spokane, Wash.
Stewart R. A. & Co., 201 B'way, New York
Utica Drop Forge & Tool Co., Utica, N. Y.

Presses (Sewer Pipe)

See Sewer Pipe Machinery

11625—Presses (Shaft Straightening)

See also Shaft Straightening Machines
Also Presses, Straightening
Brightman Mfg. Co., Columbus, O.
Logemann Bros. Co. (Also Pipe & Bar), 3130 Burleigh, Milwaukee, Wis.
Metalwood Mfg. Co., Leit & Wright, Detroit, Mich.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

11626— Presses (Sheepskin)

DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Thomas Albright Co. (Hydraulic), Goshen, Ind.

11627—Presses (Sheet Metal Working)

See also Sheet Metal Workers' Machines & Tools
Ams Max Machine Co. ("Ams"), Bridgeport, Conn.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Consolidated Press Co., Hastings, Mich.
Ferracute Machine Co., Bridgeton, N. J.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Leffler Chas. & Co. (Power), 59 Clymer, Brooklyn, N. Y.
See adv index at end of book
Meriden Press & Drop Co. ("Merriman"), Meriden, Conn.
Perkins Machine Co., Warren, Mass.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.
See adv index at end of book
Slaysman & Co., c Pratt & President, Baltimore, Md.
Zeh & Hahnemann Co., Vanderpool, Newark, N. J.

11628— Presses (Shook)

Chase Turbine Mfg. Co. (Power Driven for Driving Together the Mortised Edges of Shooks on Boxes), Orange, Mass.

11629— Presses (Signature)

Hickok W. O. Mfg. Co., Harrisburg, Pa.
Sheridan T. W. & C. B. Co., 434 B'way, New York

11630—*Presses (Silver Refiners')

ELMES CHAS. F. ENGINEERING WKS. (INC.), cor. Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*

11631— Presses (Skein)

Williams, White Co., Moline, Ill.

11632—Presses (Soap Makers')

See also Soap Makers' Machinery
Brown & Patterson, 33 Marcy av, Brooklyn, N. Y.
Detroit Soap Co. ("Ralston"), Detroit, Mich.
Hersey Mfg. Co., 314 W 2d, South Boston, Mass.
Houchin Aiken Co., 37 53d, Brooklyn, N. Y.
Machinery Designing & Mfg. Co. ("Dreadnought"), 656 Hudson, New York
Rutschman Oscar F. (For Toilet Soap), 1906 E Westmoreland, Phila. Pa.
Sowers Mfg. Co., 1320 Niagara, Buffalo, N. Y.

11633— *Presses (Solder)

Donoghue James, Cleveland, O.
ELMES CHAS. F. ENGINEERING WKS. (INC.), cor. Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*

Presses (Sprue)

See Cutters, Sprue, Foot & Power

11634—*Presses (Stagger Feed)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

11635— Presses (Stamping)

Adriance Machine Works ("Adriance"), 80 Richards, Brooklyn, N. Y.
AMERICAN CAN CO., 120 B'way New York. *See adv index at end of book*

PRESSES (STAMPING)—continued

Ams Max Machine Co. ("Ams"), Bridgeport, Conn.
Baird Machine Co., Bridgeport, Conn.
Baxendale, Whittlesey & Cummings, Rochester, N. Y.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Carver C. R. Co., 20th & Clearfield, Phila., Pa.
East Iron & Machine Co., 351 E Market, Lima, O.
Ferracute Machine Co., Bridgeton, N. J.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Grammes L. F. & Sons, Allentown, Pa. *See adv index at end of book*
Hibbard Wm. H. Mfg. Co., 79 Washington, Brooklyn, N. Y.
Hickok W. O. Mfg. Co., Harrisburg, Pa.
Hinze H. (Book Postal Card, etc), 460 W 149, New York
Logemann Bros. Co., 3130 Burleigh, Milwaukee, Wis.
McCall Machine Works, Rochester, N. Y.
Michigan Press Co., Ypsilanti, Mich.
Sidney Power Press Co., Sidney, O.
Slaysman & Co., c Pratt & President, Baltimore, Md.
Stoll D. H. Co., Buffalo, N. Y.
Swaine F. J. Mfg. Co. (Sheet Metal), 7th & O'Fallon, St. Louis, Mo.
Toledo Machine & Tool Co. ("Toledo" Sheet Metal), Toledo, O.
Verdin, Kappes & Verdin Co., Cincinnati, Ohio
Zeh & Hahnemann Co., Vanderpool, Newark, N. J.

11636— Presses (Starch)

DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y. *See adv index at end of book*
ELMES CHAS. F. ENGINEERING WKS. INC., cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
Thomas Albright Co. (Hydraulic, for Lump Starch), Goshen, Ind.

11637—Presses (Stationers' Embossing)

See also Presses, Embossing
Carver C. R. Co., 20th & Clearfield, Phila., Pa.

11638—Presses (Steam, Hydraulic)

PRESSES

STEAM HYDRAULIC AND HYDRAULIC

FOR FORGING, BENDING, PUNCHING, FLANGING, SHEARING, ETC.

(Write for Bulletin L)

Mesta Machine Company

PITTSBURGH, PA., U. S. A.

Southwark Foundry & Machine Co., 4th & Washington av, Phila., Pa.
United Engineering & Foundry Co. ("Davy Bros."), 307 5th av, Pittsburgh, Pa.

11639—*Presses (Steam, Hydraulic Bending)

Mesta Machine Co., Pittsburgh, Pa. *See adv index at end of book*

11640—Presses (Stearic Acid)

DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y. *See adv index at end of book*
Hydraulic Press Mfg. Co., Mt. Gilead, O.

11641— Presses (Stearine)

DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y. *See adv index at end of book*
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Platt Iron Works Co. (Hydraulic), Dayton, Ohio

11641a—*Presses (Steel Forming)

Elmes Chas. F. Eng. Wks. Inc., cor. Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*

11642—*Presses (Stiles Punching)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

11643—Presses (Straightening)

Dealano E. A. Co. (For Shafting), 1401 W North, Chicago, Ill.
Elmes Chas. F. Eng. Wks. Inc., cor. Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Geier P. A. Co. ("Geier" Bench Sstraightening Press & Centers), Cleveland, O.
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Morse Twist Drill & Machine Co. (For Round or Flat Stock), New Bedford, Mass.
Noyes B. B. Co. ("Little Giant" Bench Hand Power), Greenfield, Mass.
Springfield Machine Tool Co. (Bench Straightening), Springfield, O.
WATSON-STILLMAN CO. (Hydraulic), 38 Church, New York *See adv index at end of book*

Presses (Sugar Filtering)

See Filters, Mechanical

11644— Presses (Tan Bark)

Turner Tanning Machinery Co. ("Turicer" for Tanneries), Peabody, Mass.

11645— Presses (Tankage)

DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y. *See adv index at end of book*
Hydraulic Press Mfg. Co., Mt. Gilead, O.

11646—Presses (Ticket Printing)

Kidder Press Co. (Flat & Rewound Delivery), Dover, N. H.
Meisel Press Mfg. Co. (Transfers, Strip or Mileage), 942 Dorchester av, Boston, Mass.
Wrigley Thos. Co. ("Wrigley" Patent Local), 504 Sherman), Chicago, Ill.

11647—Presses (Tile & Porcelain)

Elmes Chas. F. Eng. Wks Inc., cor. Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
Mueller Machine Co., Trenton, N. J.

11648— Presses (Tincture)

DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y. *See adv index at end of book*
Enterprise Mfg. Co. of Pa., 3d & Dauphin, Phila., Pa.

11649— Presses (Tin Printing)

Hoe R. & Co., 504 Grand, New York
Potter Printing Press Co (Rotary), Plainfield, N. J.

11649a—Presses (Tip Printing & Embossing)

Rau Enamel, 30 Church, New York

11649b—*Presses (Tire Forcing)

Elmes Chas. F. Eng. Wks Inc., cor. Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*

Presses (Tire Welding)

See Tire Welding Machines

Presses (Tissue Paper Printing)

See Presses, Wrapping & Tissue Paper Printing

11650— Presses (Tobacco)

Cardwell Machine Co., 1900 E Cary, Richmond, Va.
Cutaway Harrow Co., Higganum, Conn.
Grammes L. F. & Sons, Allentown, Pa. *See adv index at end of book*
Grote F. Mfg. Co., Evansville, Ind.
Hydraulic Press Mfg. Co., Mount Gilead, O.
Lacy Jas. C. Co. (Screw), Block & Wills, Baltimore, Md.
Nagley Mfg. Co., Lyons, N. Y.
Ripley Foundry & Machine Co. ("Parker" Portable, "Russell" Split Nut Hand Power & Hydraulic Hogshead), Ripley, O.
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.
Woodall Mfg. Co. ("Money Saver" Stems Only), 500 Taylor, Davenport, Ia.

11651— Presses (Toggle)

Ams Max Machine Co. ("Ams"), Bridgeport, Conn.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y. *See adv index at end of book*
Ferracute Machine Co., Bridgeton, N. J.
Griswold George M. Machine Co. (Power Toggle Joint), New Haven, Conn.
NIAGARA MACHINE & TOOL W'KS (Toggle Draw), Buffalo, N. Y. *See adv index at end of book*
Poorman O. O. Co., New Bremen, O.
Stoll D. H. Co. (Double Crank), Buffalo, N. Y.
Toledo Machine & Tool Co. ("Toledo"), Toledo, O.
Turner Tanning Machinery Co. ("Turner"), (For Belt Mfrs., Hand & Belt Power), Peabody, Mass.

11652—*Presses (Toggle Drawing)

See also Presses, Drawing; also Presses, Power
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. *See adv index at end of book*

11653—Presses (Trap)

ELMES CHAS. F. ENGINEERING WKS. (INC.), cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*

11654— Presses (Treadle)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Ferracute Machine Co. (Sheet Metal), Bridgeton, N. J.
Slaysman & Co. (Can Makers'), cor Pratt & President, Baltimore, Md.

11655— Presses (Trimming)

Adriance Machine Works, 80 Richards, Brooklyn, N. Y.
AMERICAN CAN CO. (Machinery Dept.), Monroe bldg, Chicago, Ill. *See adv index at end of book*
Baird Machine Co., Bridgeport, Conn.
Billings & Spencer Co. ("B. & S."), Hartford, Conn.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Consolidated Press Co., Hastings, Mich.
Cook Thos. W. G., 83 Walker, New York
ERIE FOUNDRY CO., Erie, Pa.
Ferracute Machine Co. (For Sheet Metal), Bridgeton, N. J.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Heartley Machine, Variety Iron & Tool Works, 900 Summit, Toledo, O.
Hibbard Wm. H. Mfg. Co., 79 Washington, Brooklyn, N. Y.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Kling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.
Massillon Foundry & Machine Co. ("Massillon"), Massillon, O.
Meriden Press & Drop Co. ("Merriman" for Forging & Hot Trimming), Meriden, Conn.

MERRILL BROS., 3 Arnold, Maspeth, Boro. of Queens, New York
See adv index at end of book
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y.
See adv index at end of book
Pawtucket Mfg. Co. (Automatic), Pawtucket, R. I.
Perkins Machine Co. (For Drop Forgings, etc), Warren, Mass.
Toledo Machine & Tool Co. ("Toledo" Power), Toledo, O.
United Engineering & Foundry Co., 307 5th av, Pittsburgh, Pa.
Waterbury Farrel Foundry & Machine Co. (Punching & Trimming), Waterbury, Conn.

11655a— *Presses (Trunk)

Elmes Chas. F. Engng. Works (Inc.), cor Fulton & Sangamon, Chicago, Ill.
See adv index at end of book

11656— Presses (Tufting)

Hydraulic Press Mfg. Co. (For Carriage Mfrs., for Tufting Upholstery), Mt. Gilead, O.

11657—Presses (Type Embossing)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Oliver Machinery Co., Grand Rapids, Mich.
Roovers Bros. ("Roovers," for Pattern Letter Plates, Tags, Labels, etc), 100 Schermerhorn, Brooklyn, N. Y.
See adv index at end of book

11658— Presses (Veneer)

Advance Machinery Co., Toledo, O.
American Woodworking Machinery Co., Rochester, N. Y.
Black Bros. Machy. Co. (Power), Mendota, Ill.
Bushnell G. H. Press Co., Thompsonville, Conn.
DUNNING & BOSCHERT PRESS CO. (INC.), 379 W Water, Syracuse, N. Y.
See adv index at end of book
ELMES CHAS. F. ENGINEERING WORKS (INC.), cor Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
Farquhar A. B. Co., Ltd., York, Pa.
Francis Chas. E. Co. (Hydraulic & Screw), Rushville, Ind.
Hydraulic Press Mfg. Co. (Hydraulic), Mount Gilead, O.
Kline Lewis T., Alpena, Mich.
Smith H. B. Machine Co., Smithville, N. J.
Towsley John T. Mfg. Co., Cincinnati, O.

11659—Presses (Vulcanizing)

Allen Machine Co. (Hydraulic), Erie, Pa.
CROSSLEY MACHINE CO., State & Chestnut av, Trenton, N. J.
See adv index at end of book
DUNNING & BOSCHERT PRESS CO. (INC.), 379 W Water, Syracuse, N. Y.
See adv index at end of book
ELMES CHAS. F. ENGINEERING WORKS (INC.) (Hydraulic), cor Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
Farquhar A. B. Co., York, Pa.
Farrel Foundry & Machine Co., Ansonia, Conn.
Hydraulic Press Mfg. Co. (Hydraulic), Mount Gilead, O.
Logemann Bros. Co., 3130 Burleigh, Milwaukee, Wis.
Perrin Wm. R. & Co. (Hydraulic), Old Colony, bldg, Chicago, Ill.
Thropp Wm. R. & Sons Co. (Hydraulic), Trenton, N. J.
THROPP'S JOHN E. SONS CO. (Hydraulic), ft of Lewis, Trenton, N. J.
See adv index at end of book
WILLIAMS FOUNDRY & MACHINE CO. (Hydraulic "Akron-Williams"), Akron, O. *See adv index at end of book*

11660— Presses (Warp)

Liddell Co., Charlotte, N. C.

11661—Presses (Waste Oil)

STRONG MACHINERY & SUPPLY CO. ("Economy" & "Eclipse"), 21 Walker, New York *See adv index at end of book*

11662—Presses (Watch & Clock Makers')

Blake & Johnson Co. (Arch or Pillar), 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

11663—Presses (Wax Testing)

Moore Sam. L. & Sons, Elizabeth, N. J.

Presses (Wheel)

See Presses, Hydrostatic Wheel

11664— Presses (Wheelbox)

Lourie Mfg. Co. ("Hercules" Hydraulic), Springfield, Ill.

Presses (Wine & Cider)

See Mills, Cider & Cider Presses

Presses (Wiring)

See Presses, Horning & Wiring

Presses (Wood Printing)

See Box Board Printing Machines

11665—Presses (Wood Pulley Glueing)

DUNNING & BOSCHERT PRESS CO. (INC.), 379 W Water, Syracuse, N. Y.
See adv index at end of book
Hydraulic Press Mfg. Co., Mt. Gilead, O.

11666—Presses (Wood Pulp)

Bushnell G. H. Press Co., Thompsonville, Conn.
DUNNING & BOSCHERT PRESS CO. (INC.), 379 W Water, Syracuse, N. Y.
See adv index at end of book
Scott Olin (Est. of), Bennington, Vt.

11667—Presses (Wrapping & Tissue Paper Printing)

Kidder Press Co. (Combination Rotary), Dover, N. H.
Meisel Press Mfg. Co. (Sheet or Flat Delivery), 942 Dorchester av, Boston, Mass.

11668— Presses (Yarn)

Dunning & Boschert Press Co. (Inc.), 379 W Water, Syracuse, N. Y.
Liddell Co., Charlotte, N. C.

11669— Preventers (Smoke)

See also Furnaces Smokeless
Diamond Power Specialty Co., Detroit, Mich.

11670—Priers (Automobile Tire)

National Cutlery Co., Westmoreland & Boudinot, Phila., Pa.

Prime Movers

See Dynamo & Motor Mfrs., Engines, Various Kinds; Generators, Various Kinds; Motors, Various Kinds; Turbines, Various Kinds; Windmills

11671— Primers (Cartridge)

See also Ammunition
Peters Cartridge Co., First Nat'l Bank bldg, Cincinnati, O.
Remington Arms Union Metallic Cartridge Co. Inc. ("U. M. C."), 233 B'way, New York
Robin Hood Ammunition Co., Swanton, Vt.
Winchester Repeating Arms Co., New Haven, Conn.

11671a—Primers (Gasoline Engine)

Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill. *See adv index at end of book*

11672-3-4—Primers (Wood & Metal)

Murphy Varnish Co., McWhorter, Newark, N. J.
Valentine & Co. ("Celox"), 456 4th av, New York

Printers (Railroad)

See Railroad Stationery, Blanks, Manifests, etc.; also Loose Leaf Devices

Printers Rubber Blankets

See Blankets Printers & Lithographers

11675-6-7—Printers' Wood Furniture

Damon Geo. & Sons, 44 Beekman, New York
Hamilton Mfg. Co., Two Rivers, Wis.

Printing Machines

Consult Index to Classifications for number of classification descriptive of the kind of Printing Machines required

Printing Presses

See Classification 8851

11678-9—Printing Presses (Milk Bottle Caps)

Meisel Press Mfg. Co., 942 Dorchester av, Boston, Mass.

11680—Pritchels (Blacksmiths' & Farriers')

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Heller Bros. Co., 879 Mt. Prospect av, Newark, N. J.

11681— *Projectile Bands

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

11682 Projectiles (Steel)

ALLOY STEEL PRODUCTS CORP., 30 Church, New York
American & British Mfg. Co., Charles, Providence, R. I. & Bridgeport, Pa.
Bethlehem Steel Co., South Bethlehem, Pa.
Brenbunfus Engineering Co., Lorain, O.
Bridgeport Projectile Co., Union av, Bridgeport, Conn.
Firth-Sterling Steel Co., McKeesport, Pa.
Johnson Isaac G. & Co., Spuyten Duyvil, New York City, N. Y.
Midvale Steel & Ordnance Co. (Armor Piercing Shrapnel, etc), Widener bldg, Phila., Pa.

11683— Projection Apparatus

Bausch & Lomb Optical Co. (Balopticons), Rochester, N. Y
Knott L. E. Apparatus Co. ("Sonograph" for Graphic Analysis of Sound Waves), 79 Amherst, Cambridge, Mass.
Leitz Ernest (Universal Imp.), 30 E 18th, New York
McIntosh Stereopticon Co., 30 E Randolph, Chicago, Ill.
Spencer Lens Co., Buffalo, N. Y.

11683a— Projectors (Electric Lights)

Am. La France Fire Engine Co., Elmira, N. Y.
Bresch Lamp Co., 962 Mission, San Francisco, Cal.
Brenkert Light Projection Co., 49 Cortlandt, Detroit, Mich.
Crouse-Hinds Co., Syracuse, N. Y.
Cutter Co., 415 Notre Dame, So Bend, Ind.
Grether Fire Equipt. Co., Dayton, O.
Harter Mfg. Co., 522 Clinton, Chicago, Ill.
Lebby Engng. Co., Charleston, S. C.
Luminous Unit Co., Jefferson & Washington av, St. Louis, Mo.
National X-Ray Reflector Co., 233 W Jackson blvd, Chicago, Ill.
Penfield Mfg. Co., Meriden, Conn.
Pittsburgh Metal Spinning & Stamping Co., 400 Duquesne
Portable Elec. Searchlight Co., Boston, Mass.
Richardson Engng. & Mfg. Co., Hartford, Conn.
Universal Elec. Stage Lighting Co., 240 W 50th, New York
Western Elec. Co., 463 West, New York
Wheeler Reflector Co., 156 Pearl, Boston, Mass.

Projectors (Electric Sign)

See Flashers, Electric Sign

11683b—Projectors (Floodlight)

Crouse-Hinds Co., Syracuse, N. Y.
Cutter Geo. Co., South Bend, Ind.
Electric Service Supplies Co., 17th & Cambria, Phila., Pa.
General Electric Co., Schenectady, N. Y.
See adv index at end of book
HARTER MFG. CO. ("Nitrolites," "Deluxlites"), 524 S Clinton, Chicago, Ill.
Luminous Unit Co., Jefferson & Washington av, St. Louis, Mo.
National X-Ray Reflector Co., 233 W Jackson blvd, Chicago, Ill.
Pittsburgh Metal Spinning & Stamping Co., 400 Duquesne
Universal Elec. Stage Lighting Co., 240 W 50th, New York
Wheeler Reflector Co., 156 Pearl, Boston, Mass.

11684—Projectors or Search Lights

See also Projectors, Electric Light

Baird C. R. Co., 24 E 23d, New York
Bausch & Lomb Optical Co., Rochester, N. Y.
Bogue Chas. J. Electric Co., 513 W 29th, New York
Brilliant Searchlight Mfg. Co., Duluth, Minn.
Campbell A. S. Co. ("Cello" Searchlights for Automobiles & Motor Boats), 276 Commercial, Boston, Mass.
Carlisle & Finch Co., 229 E Clifton av, Cincinnati, O.
Colt J. B. Co., 30 E 42d, New York
Crouse-Hinds Co., Syracuse, N. Y.
De Vry Corp., 117 N Wells, Chicago, Ill.
Engberg Electric & Mechanical Works, St. Joseph, Mich.
Enterprise Optical Mfg. Co., 564 W Randolph, Chicago, Ill.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Gillette Light Projector Co., 10710 Clifton blvd, Cleveland, O.
Graphoscope Co., Washington, D. C.
Hawthorne Mfg. Co. ("Old Sol"), Bridgeport, Conn.
Kandem Electric Co. (Imp.), 152 Chambers, New York
National Marine Lamp Co. (Searchlight), Forestville, Conn.
Niagara Searchlight Co., Niagara Falls, N. Y.
O'Brien Electrophone Co., Hallowell, Me.
Pathescope Co. of America, 35 W 42nd, New York
Pittsburgh Electric Specialties Co., Ross & 1st av, Pittsburgh, Pa.
Rateau, Battu Smoot Co. (Electric), 90 West, New York
Rex-Harris Fire Appliance Co., 39 E 19th, New York
Simplex Photo Products Co., Richmond Hill, N. Y.
Sperry Gyroscope Co. (High Intensity), 40 Flatbush av ext, Brooklyn, N. Y.
Stewart-Warner Speedometer Corp., ("V Ray"), 1826 Diversey Parkway, Chicago, Ill.
Thompson A. T. & Co., 15 Tremont pl, Boston, Mass.
Vesta Accumulator Co. ("Vesta," Electric), 2100 Indiana av, Chicago, Ill.
Victor Animatograph Co. ("Victor" Projector With Electric Arc for Non-Transparencies), Davenport, Ia.
Wood Mfg. Co. (Electric), Fairfield, Conn.

11685— Prongs (Valve)

Hays Mfg. Co. (Brass), Erie, Pa.
Yonts C. H. & Co. (Malleable Iron), Meadville, Pa.

11686—Propellers (Aeroplane)

Am. Propeller & Mfg. Co., Baltimore, Md.
Am. Sash & Door Co., Kansas City, Mo.
Breitung & Co., Ltd., Rockefeller bldg, Cleveland, O.
Cox Aero Works, Bayonne, N. J.
Doyle W. A., Trenton, N. J.
Hartzell Walnut Propeller Co., Piqua, O.
Lang Propeller Co., 527 5th av, New York
L-W-F Engineering Co., College Point, L. I., N. Y.
Steres Ed. & Sons, San Antonio, Tex.
U. S. Aero Propeller Co., Milwaukee, Wis.
West Woodworking Co. (Propellers, Wing Beams, Waterproof, Plywood Panels, Laminated Construction), 308-324 N Ada, Chicago, Ill.

11686a—Propellers (Ship & Boat)

AMERICAN MANGANESE BRONZE CO., 3501 Rhawn, Phila., Pa.

11687—Props (Carriage Top)

Cowles C. & Co. ("Thomas"), New Haven, Conn.
Higgin Mfg. Co., Newport, Ky.
Monarch Carriage Goods Co. ("Monarch"), Cincinnati, O.
Searls Mfg. Co. ("Thomas" Mal, "Searls-Thomas"), 29 Mulberry, Newark, N. J.

11688— Props (Sash)

Corbin P. & F., New Britain, Conn.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.

11689—Protectors (Automobile Horn Bulb)

New York Wire & Spring Co. ("Asco"), 588 Washington, New York

11690—Protectors (Book Corner)

Ideal Book Machine Corner Co., Worcester, Mass.
Modern Mfg. Co., 543 N Lawrence, Phila., Pa.

11691-2—Protectors (Boot)

Channon Jas. H. Mfg. Co. ("Union" for Trench & R. R. Work, etc), 227 W Erie, Chicago, Ill.
Horstmann Wm. H. Co. (For Foundry Men), 5th & Cherry, Phila., Pa.

Protectors (Catchers' Body)

See Base Ball Body Protectors

Protectors (Check)

See Check Protectors

11693—Protectors (Electric)

Central Tel. & Electric Co., 310 N 11th, St. Louis, Mo.
Cook Frank B. Co. ("Cook," Terminal), 326 W Madison, Chicago, Ill.
D & W Fuse Co., Hathaway, Providence, R. I.
Fibre Corporation, Lockport, N. Y.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Helios Mfg. Co., Garden ab Bridge, Phila., Pa.
Metropolitan Engineering Co. (Network for Transformers), 35 Vesey, New York
Trio Mfg. Co. ("Tornquist"), Rock Island, Ill.

11694— Protectors (Heel)

Richard Stephen Co., Southbridge, Mass.

11695—Protectors (Lubricator)

Sargent Co. ("Ironclad," for Locomotives), Fisher bldg, Chicago, Ill.

11696—Protectors (Milk Bottle)

Burgess & Norton Mfg. Co. ("Grant's"), Geneva, Ill.

11697— Protectors (Pole)

Hallett Iron Works ("Hallett"), Harvey, Ill.
Hubbard & Co. (Galvanized), 63d & Butler, Pittsburgh, Pa.
Lanz M. & Sons (Protection Strips), 2907 Carson, Pittsburgh, Pa.

11698—Protectors (Rail Bond)

Chase-Shawmut Co., Newburyport, Mass.
P. & M. Co., The (Wire), 80 E Jackson blvd, Chicago, Ill.

11699—Protectors (Roll & Fabric)

Fabric Roll Protector Co., South Bend, Ind.

11700— Protectors (Smoke)

Cover H. S. ("Cover's"), South Bend, Ind.
Hayward S. F. & Co., 250 W. 4th, New York

11701— Protectors (Switch)

Lord Mfg. Co. ("Leco"), 105 W 40th, New York

11702— Protectors (Thermometer Bulb)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book

11703— Protectors (Tire)

Britcson Mfg. Co., Brookings, S. D.
Double Fabric Tire Co., Auburn, Ind.
Empire Tire & Rubber Corp., East Trenton, N. J.
Kimball Tire Case Co. (Steel), Council Bluffs, Ia.
Leather Tire Goods Co. ("Woodworth" Treads), Niagara Falls, N. Y.
O'Neil Tire & Rubber Co., Akron, O.
Standard Tire Protector Co. (Rubber), Akron, O.
20th Century Tire Protector Co. ("20th Century"), Midlothian, Tex.
Universal Tire Protector Co., Angola, Ind.

11704— Protractors

Besley Chas. H. & Co. ("Universal" Bevel), 120 N Clinton, Chicago, Ill.
Crookston Tool Co., Crookston, Minn.
Brown & Sharpe Mfg. Co. (Draughtsmen's), Providence, R. I.
Goodell-Pratt Co. (Arc & Draughtsman), Greenfield, Mass.
Gurley W. & L. E., Troy, N. Y.
Keuffel & Esser Co., Hoboken, N. J.
Sawyer Tool Mfg. Co., Ashburnham, Mass.
STARRETT L. S. CO. (THE) (Bevel Draughtsman, etc), Athol, Mass.
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Pruners (Tree)

See Shears, Pruning

11704a— Prussian Blue

Waldo E. M. & F. (Selling Agents), 11 B'way, New York

11704b—Prussiate of Potash

Takamine Laboratory, Inc. (Imp of Red & Yellow), 120 B'way, New York

11704c— Prussiate of Soda

Bower Henry Chemical Mfg. Co. (Yellow & Red), 29th & Gray's Ferry av, Phila., Pa.
Semet-Solway Co. (Yellow), Syracuse, N. Y.

11705— Psychrometers

Green Henry J., 1191 Bedford av, Brooklyn, N. Y.
Tagliabue C. J. Mfg. Co., 18 33d, Brooklyn, N. Y.

11706— Publications (Trade)

Acetylene Journal Publishing Co., 122 S Michigan av, Chicago, Ill.
Advertising & Selling Magazine, 381 4th av, New York
Aircraft, Plainfield, N. J.
American Architect, 243 W 39th, New York
American Artisan, 910 S Mich. av, Chicago, Ill.
American Blacksmith Co., 775 Main, Buffalo, N. Y.
American Carpenter & Builder, 1827 Prairie av, Chicago, Ill.
American Carpet & Upholstery Journal, 421 Chestnut, Phila., Pa.
American City, 154 Nassau, New York
American Contractor Publishing Co., 6 W Michigan, Chicago, Ill.
American (The) Drop Forger, 108 Smithfield, Pittsburgh, Pa.
American Exporter, 17 Battery pl, New York
American Fertilizer, 1010 Arch, Phila., Pa.
American Gas Light Journal, 42 Pine, New York
American Grocer, 90 W B'way, New York

Am. Hardware Journal, 21 Park Row, New York
American Hatter, 1182 B'way, New York
American Lumberman, 431 S Dearborn, Chicago, Ill.
American Machinist, 10th av & 36th, New York
American Motorist, 501 5th av, New York
American Printer, 344 W 38th, New York
American Silk Journal, 373 4th av, New York
American Sports Publishing Co., 45 Rose, New York
American Stationer, 431 S Dearborn, Chicago, Ill.
American Stone Trade, 537 S Dearborn, Chicago, Ill.
American Thresherman, Madison, Wis.
Architect (The), 245 Mission, San Francisco, Cal.
Architecture, 597 5th av, New York
Architects Buyers' Reference (Quarterly), 90 West, New York
Architecture & Building, 23 Warren, New York
Architectural Record, 119 W 40th, New York
Automatic Industries, 239 W 39th, New York
Automobile Dealer & Repairer, 71 Murray, New York
Automobile Journal Publishing Co., Pawtucket, R. I.
Automobile Topics, 1790 B'way, New York
Automobile The, 239 W 39th, New York
Bakers' Helper Co., 327 S La Salle, Chicago, Ill.
Bakers' Review, 233 Broadway, New York
Bakers' Weekly, 41 Park Row, New York
Barbers' Journal, 25 W 42d, New York
Barrel & Box, 537 S Dearborn, Chicago, Ill.
Black Diamond Co., 431 S Dearborn, Chicago, Ill.
Blacksmith & Wheelwright, 71 Murray, New York
Blast (The) Furnace & Steel Plant, 108 Smithfield, Pittsburgh, Pa.
Boiler Maker, 461 8th av, New York
Brass World & Platers' Guide, 55 Duane, **New York**
Brewer & Malster, 163 W Washington, Chicago, Ill.
Brewers' Journal, 1 Hudson, New York
Brick & Clay Record, 610 Federal, Chicago, Ill.
Brooms, Brushes & Handles, Milwaukee, Wis.
Builder & Contractor, Los Angeles, Cal.
Building Age, 239 W 39th, New York
Building Management, 119 W 40th, New York
Building News, Perry bldg, Phila., Pa
Building Witness, Commercial Tribune bldg, Cincinnati, O.
Bungalow Magazine, Seattle, Wash.
Bunting Publication (Inc.), 9 S Clinton, Chicago, Ill.
Butchers' Advocate Co., 1328 B'way, New York
Canning Trade, State Bk. of Md. bldg, Baltimore, Md.
Carriage Dealers Journal, Troy, N. Y.
Carriage Monthly, 1010 Arch, Phila., Pa.
Cement Era Publishing Co., 538 S Clark, Chicago, Ill.
Cement World, 56 W Jackson blvd, Chicago, Ill.
Cement & Engng. News, 610 S Dearborn, Chicago, Ill.
Central Station, 63 Park row, New York
Clayworker, Indianapolis, Ind.
Clothier & Furnisher, 13 Astor pl, New York
Coal Age, 10th av & 36th, New York
Coal Trade Bulletin, Park bldg, Pittsburgh, Pa.
Coal Trade Journal, 20 Vesey, New York
Coal & Coke Operator, 108 Smithfield, Pittsburgh, Pa.
Commercial Journal, 628 Chestnut, Philadelphia, Pa.
Commercial Vehicle, 239 W 39th, New York
Concrete-Cement Age Publishing Co., New Telegraph bldg, Detroit, Mich.
Confectioner's Gazette, 366 B'way, New York
Construction News Co., 53 W Jackson blvd, Chicago, Ill.
Contractor (The), Old Colony bldg, Chicago, Ill.
Cordage Trade Journal, 81 Fulton, New York
Cotton Manual Publishing Co., Atlanta, Ga.
Creditors' Mercantile Guide, 37 Liberty, New York
Daily Iron Trade & Metal Market Report, Penton bldg, Cleveland, O.
Dealers Record Co., 1827 Prairie av, Chicago, Ill.
Dockham Publishing Co., 6 Beacon, Boston, Mass.
Dodge Reports, 119 W 40th, New York
Domestic Engineering, 37 W Van Buren, **Chicago, Ill.**
Druggists' Circular, 100 William, New York
Dry Goods Economist, 239 W 39th, New York
Dry Goods Publishing Co., 116 W 32d, New York
Dun's International Review, 290 Broadway, New York
El Comercio (J. Shepherd Clark Co.), 114 Liberty, New York
Electrical Merchandising, 239 W 39th, New York
Electric Railway Journal, 10th av & 36th, New York
Electric Vehicles, 53 W Johnson blvd, Chicago, Ill.
Electrical Age, 233 B'way, New York
Electrical Record, 116 Liberty, New York
Electrical Review, Monadnock blk, Chicago, Ill.
Electrical World, 10th av & 36th, New York
ENGINEERING NEWS-RECORD, 10th av at 36th, New York
See adv index at end of book
ENGINEERING & CONTRACTING. 608 S Dearborn, Chicago, Ill.
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Engineering & Mining Journal, 10th av & 36th, New York
Export American Industries, 30 Church, New York
Exportador Americano, 17 Battery pl, New York
Exporters' Review, 80 Broad, New York
Exporters & Importers' Journal, 17 State, New York
Factory Magazine, 5 N Wabash av, Chicago, Ill.
Farm Implements Publishing Co., 1018 Lumber Exchange, Minneapolis, Minn.
Farm Implement News Co., Masonic Temple, Chicago, Ill.
Farm Progress, 7th & Olive, St. Louis, Mo.
Fibre & Fabric, 127 Federal, Boston, Mass.
Fire & Water Engng., 154 Nassau, New York
Five & Ten Cent Store Magazine & Variety Review, Gerke bldg, Cincinnati, O.
Florists' Exchange, 448 W 37th, New York
Foundry (The), Penton bldg, Cleveland, O.
Fur Trade Review, 1181 Broadway, New York
Furniture Industry, Evansville, Ind.
Furniture Journal, 610 S Dearborn, Chicago, Ill.
Furniture Mfg. & Artisan, Grand Rapids, Mich.
Furniture World, 15 W 38th, New York
Gas Age, 52 Vandebilt av, New York
Gas Power, St. Joseph, Mich.
Gas Record, Monadnock blk, Chicago, Ill.
Geyer's Stationer, 318 B'way, New York
Good Roads, 150 Nassau, New York
Grand Rapids Furniture Record, 537 S Dearborn, Chicago, Ill.
Hardware Age, 239 W 39th, New York
Hardware Dealers' Mag., 253 B'way, New York
Hardware Record, 537 S Dearborn, Chicago, Ill.
Hardware Review, Woolworth bldg, New York
Hay Trade Journal Publishing Co., Canajoharie, N. Y.
Heating & Ventilating Magazine, 1123 B'way, New York
Hide & Leather, 136 W Lake, Chicago, Ill.
Horseless Age, 95 Madison av, New York
Horseshoers' Journal, 142 Lafayette, Detroit, Mich.
House Furnishing Review, 200 5th av, New York
Hub, The, 55 Duane, New York
Ice Cream Trade Journal, 150 Nassau, New York
Ice & Refrigeration, 431 S Dearborn, Chicago, Ill.
Implement Trade Journal Co., Graphic Arts bldg, Kansas City
Improvement Bulletin, 610 Exchange, Minneapolis, Minn.
India Rubber World, 25 W 45th, New York
Industrial Engineering, 30 Church, New **York**
Industrial Management (The Engineering Magazine), 6 E 39th, New York
Inland Printer, 632 Sherman, Chicago, Ill.
Inland Storekeeper, 122 S Michigan av, Chicago, Ill.
International Confectioner, 109 Lafayette, New York
International Marine Engineering, Whitehall bldg, New York
International Trade Developer, 168 N Michigan av, Chicago, Ill.
Iron Age, 239 W 39th, New York
Iron Trade Review, Penton bldg, Cleveland, O.
Isolated Plant Publishing Co., 366 5th av, New York
Jewelers' Circular, 11 John, New York
Keramic Studio Pub. Co., Syracuse, N. Y.
Lumber Manufacturers' Edition & Dealers' Edition, Wright bldg, St. Louis, Mo.
Lumber World Review, 608 S Dearborn, Chicago, Ill.
Machinery, 140 Lafayette, New York
MANUFACTURERS' RECORD, Water & Commerce, Baltimore, Md.
See adv index at end of book
Manufacturing Jeweler, 42 Weybosset, Providence, R. I.
Marine Engineering, 461 8th av, New York
Marine Review, Penton bldg, Cleveland, O.
Master Sheet Metal Workers' Journal, 261 S 4th Philadelphia, Pa.
Men's Wear, 21 E 23rd, New York
Metal Industry 99 John, New York
Metal Recorder & Electrophola, 347 5th av, New York
Metal Worker, 239 W 39th, New York
Metallurgical & Chemical Engineering, 10th av & 36th, New York
Mill Supplies, 537 S Dearborn, Chicago, Ill.
Mining World, Monadnock blk, Chicago, Ill.
Modern Miller, Insurance Exchange, Chicago, Ill.
Monumental News, 538 S Clark, Chicago, Ill.
Motor Age, 5 S Wabash, Chicago, Ill.
Motor Boat, 239 W 39th, New York
Motor Record (Monthly), 90 West, New York
Motor World, 239 W 39th, New York
Moving Picture World, 516 5th av, New York
Municipal Engineering, 608 S Dearborn, Chicago, Ill.
Municipal Journal, Times Sq Station, New York
MUNN & CO. (Scientific American), 699 Woolworth bldg, New York
See adv index at end of book
National Builder, 537 S Dearborn, Chicago, Ill.
National Druggist, Century bldg, St. Louis, Mo.
National Engineer, 417 S Dearborn, Chicago, Ill.
National Harness Review, 1054 Buena av, Chicago, Ill.
National Laundry Journal, 124 N Ann, Chicago, Ill.
Natl. Petroleum News, Canton bldg, Cleveland, O.
National Provisioner, 116 Nassau, New York
Office Apppliances Magazine, 417 S Dearborn, Chicago, Ill.
Oil News, 14 E. Jackson blvd, Chicago, Ill.
Oil, Paint & Drug Reporter, 100 William, New York
Oil Trade Journal, Equitable bldg, New York
Operative Miller, 721 S Wood, Chicago, Ill.
Optical Journal & Review, 11 John, New York
Pacific Builder & Engineer, Pacific bldg, Seattle, Wash.
Packages Pub. Co., Montgomery bldg, Milwaukee, Wis.
Painters Magazine, 100 William, New York
Paper, 117 E 24th, New York
Paper Mill, 154 Nassau, New York
Paper Trade Journal, 10 E 39th, New York
Pharmaceutical Era, 3 Park pl, New York
Playthings, 118 E 28th, New York
Plumbers' Trade Journal, 43 W 34th, New York
Plumbers' Trade Journal Pub. Co., 64 W Randolph, Chicago, Ill.
Popular Mechanics Magazine, 6 N Michigan av, Chicago, Ill.
Power, 10th av & 36th, New York
Power Boating, Penton bldg, Cleveland, O.
Power Farming, St. Joseph, Mich.
Practical Engineer, 537 S Dearborn, Chi**cago, Ill.**

PUBLICATIONS (TRADE)—continued
Printing, 38 Park row, New York
Purchasing Agent Co., 317 Main, Springfield, Mass.
Railway Age Gazette, Woolworth bldg, New York
Railway Review, 537 S Dearborn, Chicago, Ill.
Railway & Marine News, Seattle, Wash.
Railway World, 612 Chestnut, Phila., Pa.
Record & Guide, 119 W 40th, New York
Refrigerating World, Woolworth bldg, New York
Retail Coalman, Monadnock blk, Chicago, Ill.
Roadmaker, 53 W Jackson blvd, Chicago, Ill.
Rock Product & Building Materials, 538 S Clark, Chicago, Ill.
Rudder Publishing Co., 9 Murray, New York
St. Louis Lumberman, Wright bldg, St. Louis, Mo.
Safety Engineering, 80 Maiden Lane, New York
Sampson & Murdock Co., 246 Summer, Boston, Mass.
Scientific American, Woolworth bldg, New York
Sewing Machine Times, 239 4th av, New York
Sheet Metal, 154 Nassau, New York
Shoe & Leather Reporter, 166 Essex, Boston, Mass.
Southern Architect, Atlanta, Ga.
Southern Engineer, Atlanta, Ga.
Southern Lumberman, Nashville, Tenn.
Sporting News Publishing Co., Penn bldg, St. Louis, Mo.
Spokesman Publishing Co., 128 Opera pl, Cincinnati, O.
Sporting Goods Sales Journal, 38 Park Row, New York
Starchroom Publishing Co., 415 Pioneer, Cincinnati, O.
Steam, 90 West, New York
Sugar Magazine, 326 W Madison, Chicago, Ill.
Sweet's Catalogue, 119 W 40th, New York
System Magazine, 5 N Wabash av, Chicago, Ill.
Talking Machine World, 373 4th av, New York
Tea & Coffee Trade Journal, 79 Wall, New York
Technical World Magazine, 58th & Drexel, Chicago, Ill.
Telegraph & Telephone Age, 253 B'way, New York
Telephone Publishing Co., 53 W Jackson blvd, Chicago, Ill.
Textile Mfrs. Journal, 1133 B'way, New York
Textile World Journal, 144 Congress, Boston, Mass.
Tobacco Leaf Publishing Co., 198 B'way, New York
Trade Mark Record, 31 Nassau, New York
Tradesman The, Publishing Co., Chattanooga, Tenn.
Upholsterer, 373 4th av, New York
Waste Trade Journal, 150 Lafayette, New York
Western Architect, 215 S Market, Chicago, Ill.
Western Contractor, 521 Locust, Kansas City, Mo.
Western Motor Record, Bancroft bldg, San Francisco, Cal.

11707—Pullers (Automobile Wheel)

Benford Mfg. Co., Mt. Vernon, N. Y.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Crane Puller Co. ("Crane"), Arlington, Mass.
Empire Wheel Works, Utica, N. Y.
Lashbaugh & Jordan Tool & Machine Co., Elkhart, Ind.
Motor Specialties Co. ("Mosco"), Waltham, Mass.
Noonan A. S. Tool & Machine Works, Rome, N. Y.
Polson Mfg. Co., Buffalo, N. Y.
Premier Electric Co. ("Little Giant"), 1123 S Wabash, Chicago, Ill.
Presbrey E. H. Co., 50 Broad, New York
Standard Auto Accessory Co. ("Standard"), Leipsic, O.
Weeber C. F. Mfg. Works ("Weeber," for Removing Rear Wheels of Automobiles), Albany, N. Y.

11708— Pullers (Beet)

Brillion Iron Works, Brillion, Wis.
Bucher & Gibbs Plow Co., Canton, O.
Deere & Co. ("Jno. Deere"), Moline, Ill.
Donaldson Bros. ("Donaldson," "Valley"), Mt. Clemens, Mich.
Fanger Beet Harvester Co., 421 Michigan, Toledo, O.
Gale Mfg. Co. ("Gale"), Albion, Mich.
Jackson & Church Co. (Steam & Electric), Saginaw, Mich.
Lehr Agricultural Co. ("Lehr"), Fremont, Ohio
Moline Plow Co. ("Moline"), Moline, Ill.
Ohio Cultivator Co. ("Famous Ohio"), Bellevue, O.
Parlin & Orendorff Co. ("P. & O."), Canton, Ill.
Rowell I. B. Co., Waukesha, Wis.

11709— Pullers (Bell Cord)

St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

11710— Pullers (Car)

See also Car Movers & Pushers)
Barnard & Leas Mfg. Co. ("Moline"), Moline, Ill.
Caldwell H. W. & Son Co. ("Caldwell" Standard & Self-Contained Safety), 17th & Western av, Chicago, Ill.
Dodge Sales & Engineering Co. ("Safety"), Mishawaka, Ind.
Great Western Mfg. Co., Leavenworth, Kans.
Howe Scale Co. of Illinois, 1315 S Wabash av, Chicago, Ill.
Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
LINK-BELT COMPANY ("Safety"), 39th & Stewart av, Chicago, Ill. & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.
Nordyke & Marmon Co. (Power), 1290 Kentucky av, Indianapolis, Ind.
Sasgen Derrick Co. (Also "Pull-Me-Out" Truck), 3101 W Grand av, Chicago, Ill.
See adv index at end of book
Skillin & Richards Mfg. Co. (Improved), 4520 Cortland, Chicago, Ill.
Stephens-Adamson Mfg. Co. ("S.-A," Safety), Aurora, Ill.
Webster Mfg. Co., Tiffin, O.
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.

11711— Pullers (Cork)

See also Cork Screws
Arcade Mfg. Co. ("Champion," "Triumph," "Standard," "Favorite," "Daisy" & "Phoenix"), Freeport, Ill.
Cassady Fairbank Mfg. Co. ("Trinity"), 6126 S La Salle, Chicago, Ill.
Hawley Mfg. Co. ("Quick-as-a-Wink"), Stepney, Conn.
Walker C. L. & Co. ("Walker's" Bar, "Quick & Easy," "Samson"), 656 W 12th, Erie, Pa.
Warner Hammer Co. ("Quick-as-a-Wink"), Cromwell, Conn.

Pullers (Cotter Pin)

See Extractors, Cotter Pin

11712— Pullers (Dandelion)

Hall Mfg. Co. ("Hall"), Monticello, Ia.

11713-4—Pullers (Fence Staple Bar)

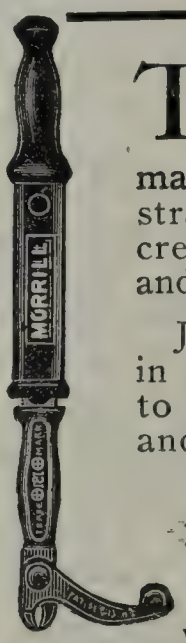
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

Pullers (Gear)

See Pullers, Wheel

11715— Pullers (Nail)

See also Pullers, Tack; also Pullers, Staple
Belden Machine Co. ("Diamond-B," "Never Slip"), New Haven, Conn.
Bonner Tool Co. ("Victor" Pry Bar, Drop Forged), Champaign, Ill.
Bradley & Farnham ("E. Z."), Middlefield, Conn.
Bridgeport Hardware Mfg. Corp. ("Tiger," "Sure Grip," "Jumbo," "Rex," "Red Bull," Nail Puller, Box Opener & Hammer), Bridgeport, Conn.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Chantrell Hardware & Tool Co., Reading, Pa.
Dudley Tool Co., Menominee, Mich.
Grammes L. F. & Sons ("Bull Dog," "Sampson"), Allentown, Pa.
See adv index at end of book
Hurst H. L. Mfg. Co., O.
Landers, Frary & Clark ("Universal"), New Britain, Conn.
Lowentraut P. Mfg. Co. ("Montgomery"), 36 Brenner, Newark, N. J.
Mellor Box Opener Co. ("Mellor" Box Opener, Nail Puller & Hammer Combined), Sedalia, Mo.
Millers Falls Co. ("Pelican," "Miller's Falls"), Miller's Falls, Mass.
MORRILL CHAS. ("Morrill" & "Apex" Brands), 100 Lafayette, New York
See adv index at end of book



THE Longest lived, easiest and fastest Nail Puller on the market, because of its straight arm pull, increased rolling fulcrum, and scientific construction.

Jaws mounted together in a box joint, no springs to break, and has handle and hand guard.

CHAS. MORRILL
100 Lafayette Street
New York

Page Storms Drop Forge Co. ("Gem"), Chicopee, Mass.
Pelouze Mfg. Co. ("Champion"), 232 E Ohio, Chicago, Ill.
Richard Stephen Co. (For Cobblers), Southbridge, Mass.
S. & I. Co. ("Giant" Pattern, etc.), Springfield, Mass.
Scranton & Co., New Haven, Conn.
SMITH & HEMENWAY CO., INC. ("Giant," "Diamond B" & "Red "Devil"), 261 B'way, New York, & 130 Coit, Irvington, N. J.
See adv index at end of book
Snow & Petrelli Mfg. Co. "Crown," "Crown Prince," "Moynard"), New Haven, Conn.
Try-Me Mfg. Co. ("Milla's"), Springfield, Mass.
Union Hardware Co., Torrington, Conn.
Warner Hammer Co. ("Common-Sense"), Cromwell, Conn.

11716— Pullers (Onion)

Bateman Mfg. Co. ("Iron Age"), Grenloch, N. J.

11717 Pullers (Piling)

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.

11718— Pullers (Pinion)

(For Pulling Pinions from Armatures)
Columbia Machine Works & Malleable Iron Co. ("Columbia"), Atlantic av & Chestnut, Brooklyn, N. Y.
Wood Chas. N. Co. (For Commutators, Pinions, Flywheels, Auto Wheels, etc), 14 Federal, Boston, Mass.

11719— Pullers (Plank)

Anderson W. H. Tool & Supply Co., Bush & Macomb, Detroit, Much.

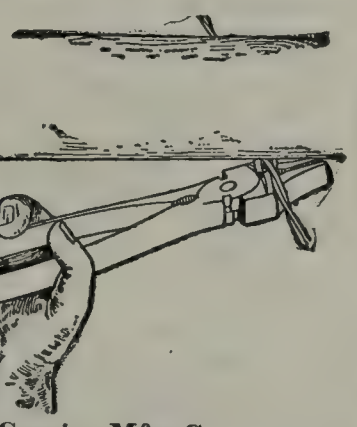
11720— Pullers (Spike)

See also Bars, Pinch

Hardsocg Martin Co., 922 South av, Pittsburgh, Pa.
Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.
Jones J. E. & Son ("Little Grant"), Centerville, Ga.
Justice Philip S. & Co. ("Justice" Railroad), 421 Chestnut, Phila., Pa.
MORRILL CHAS. ("Pearson Cyclone," "Apex" & "Morrill"), 100 Lafayette, New York *See adv index at end of book*

11721— Pullers (Staple)

Bicknell Mfg. & Supply Co., Janesville, Wis.
Bonner Tool Co. ("Victor"), Champaign, Ill.
Cheney Henry Hammer Co., Little Falls, N. Y.
Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y. *See adv index at end of book*



No. 20 Staple Puller

The Cronk & Carrier Mfg. Co.
150 Lake Street Elmira, N. Y.

Fitzpatrick Walter J., 182 5th, San Francisco, Cal.
Osmundson Spade Mfg. Co. ("Buffalo"), Perry, Ia.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
SMITH & HEMENWAY CO., INC. ("Red Devil"), 261 B'way, New York, & 130 Coit, Irvington, N. J. *See adv index at end of book*
Utica Drop Forge & Tool Co., Utica, N. Y.
Warren Specialty Mfg. Co., West Farmington, Ohio

11722— Pullers (Stump)

Aumond Stump Machine Co. (Steel), Cedar Springs, Mich.
Bennet H. L. & Co. ("Bennet" Cable, "Bennet" Screw, "Bennet" Hand Power), Westerville, O.
Butterworth & Lowe, Grand Rapids, Mich.
Caward R. S. ("Faultless"), Cresco, Ia.
CLYDE IRON WORKS ("Clyde"), Duluth, Minn. *See adv index at end of book*
Edwards C. D. ("Climax," "Jumbo," "Chief"), Albert Lea, Minn.
Farquhar A. B. Co. (Ltd.), ("Archimedean," Hand Power), York, Pa.
Hercules Mfg. Co. ("Hercules"), Centerville, Ia.
Jackson & Church Co. (Power), Saginaw, Mich.
Kansas City Hay Press Co. ("Lightning"), Kansas City, Mo.
Kirstin A. J. Co. ("One Man"), Escanaba, Mich.
La Plant-Choate Mfg. Co., Cedar Rapids, Ia.
Milne Mfg Co. ("Hawkeye," "I. & L.," "Iron Giant," "Milne"), Monmouth, Ill.
National Iron Co., Duluth, Minn.
Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill.
Scott Hay Press Co. ("O-K"), 13 W 12th, Kansas City, Mo.
Smith Mfg. Co., La Crosse, Wis.
Sparta Iron Works Co., Sparta, Wis.
Swenson Grubber Co. ("Swenson" Malleable Iron), Cresco, Ia.

Pullers (Tack)

See Claws or Pullers, Tack

11723— Pullers (Wheel)

See also Pullers, Automobile Wheel
Crane Puller Co. ("Crane" & Gear), Arlington, Mass.

11724— Pullers (Wire)

Browne & Dowd Mfg. Co. ("Yankee"), Meriden, Conn.
Dicke Tool Co. ("The Imperial"), Downers Grove, Ill.
Laurent Cherry Pulley Block Co., Trenton, N. J.

11725— Pulley Covering

Baertl Anti-Slip Cement Co. ("Baertl"), 97 Water, New York
Belt Grip Pulley Co. ("Belt Grip"), 182 Breckenridge, Buffalo, N. Y.
Boston Woven Hose & Rubber Co. ("Milo" Stitched Canvas), Cambridge, Mass.
Chemical & Engineering Co. ("Red Dragon" Power Saving), Watertown, N. Y.
Eclipse Pulley Covering Co. (Canvas), 2028 W Lake, Chicago, Ill.
Fansher Bros. ("Anti-Slip" Pulley Dressing), Dayton, O.
Kantslip Co. ("Kantslip"), Freeport, Mich.
Kinkead Mfg. Co. ("Power Saver"), 45 High, Boston, Mass.
National Mfg. & Engineering Co. ("Perfection," 1537 Race, Phila., Pa.
Onward Mfg. Co. ("O. C. Little"), Menasha, Wis.
Power Glue Mfg. Co., 621 S Dearborn, Chicago, Ill.
Pulley Facing Co. ("Perfection"), 249 N 11th, Phila., Pa.
Shackley W. T. & Son (Canvas), 49 High, Boston, Mass.
Shultz Belting Co. ("Shultz Patent"), Bismarck & Barton, South St. Louis, Mo.
Thermoid Rubber Co., Trenton, N. J.
Turner J. S. Mfg. Co., Lowell, Mass.
U. S. Pulley Covering Co. ("Solvonon"), 212 Washington, New York
Warren Co. ("Warren's"), Niles, Mich.

11726—Pulleys (Anti-Friction, Dumb Waiter)

Stowell Co., The, South Milwaukee, Wis.

11727— Pulleys (Arc Lamp)

Abbott Samuel (Awning), Cleveland, O.
Coleman Hardware Co., 122 S Michigan av, Chicago, Ill.
Creaghead Engineering Co., 340 Maine, Cincinnati, O.
Cutter Geo. Co. ("Cutter's"), South Bend, Ind.
Electrical Construction Supply Co., Springfield, O.
Fletcher Mfg. Co. (Automatic Suspension, Sleet Proof), Dayton, O.
Fort Wayne Electric Works of General Electric Co., Fort Wayne, Ind.
Marine Hardware-Equipment Co., South Portland, Me.
Morris Elmer P. Iron Works (Inc.) (Steel), 136 Liberty, New York
Ney Mfg. Co., Canton, O.
Peck, Stow & Wilcox Co., Southington, Conn.
Reading Hardware Co., Reading, Pa.
Stover Mfg. Co. ("Ideal"), Freeport, Ill.
Wilcox, Crittenden & Co., Middletown, Conn.
Williams A. C. Co., Ravenna, O.
Wrightsville Hardware Co., Wrightsville, Pa.

11728— Pulleys (Bell Cord)

Brady Electric Mfg. Co. (Sleet Proof), New Britain, Conn.
Brill J. G. Co. (Also Register Cord), 62nd & Woodland av, Phila., Pa.
Creamer W. G. & Co., 96 John, New York
Dayton Mfg. Co., Dayton, Ohio

11729— Pulleys (Cast Iron)

See also Machinery, Power Transmitting
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
American Tool & Machine Co., (Up to 120 in. diameter), 10 High, Boston, Mass.
Atlanta Mfg. & Supply Co., Atlanta, Ga.
Bond Foundry & Machine Co., Manheim, Pa.
Brightman Machine Co., Cleveland, O.
Brown A. & F. Co., 79 Barclay, New York.
Brown Clutch Co., Sandusky, O.
Buckeye Iron & Brass Works, Dayton, O.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester, Buffalo, N. Y. *See adv index at end of book*
CALDWELL W. E. CO., Louisville, Ky. *See adv index at end of book*
Carey W. W. Co., Lowell, Mass.
Chain Belt Co., Milwaukee, Wis.
Christiana Machine Co., Christiana, Pa.
Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
DODGE SALES & ENGINEERING CO. (Standard Split), Mishawaka, Ind.
Dunning W. D., Syracuse, N. Y.
Eastwood Benj. Co., Paterson, N. J.
Fales & Jenks Machine Co., Pawtucket, R. I.
Falls Clutch & Machinery Co., Cuyahoga Falls, O.
Fay J. A. & Egan Co., Cincinnati, O.
Filer Stowell Co., Milwaukee, Wis.
Fitchburg Foundry Co., Fitchburg, Mass.
Fulton Machine Co., Canal Fulton, O.
Galena Iron Works Corp., Galena, Ill.
Gillie Machine Co., Tonawanda, N. Y.
Goldens' Foundry & Machine Co., Columbus, Ga.
Great Western Mfg. Co., Leavenworth, Kans.
Hardie-Tynes Mfg. Co. (Heavy), Birmingham, Ala.
Henderson W. K. Iron Works & Supply Co., Shreveport, La.
Hess-Snyder Co., Massillon, O.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Holyoke Machine Co., Holyoke, Mass.
Howard Iron Works, Buffalo, N. Y.
Humphrey Machine Co., Keene, N. H.
Hunt Rodney Machine Co., Orange, Mass.
Hunter Jas. Machine Co., North Adams, Mass.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Jones W. A. Foundry & Machine Co. (Machine Molded), 4401 W 12th, Chicago, Ill.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Kaestner & Hecht Co., 500 Throop, Chicago, Ill.
Klotz Machine Co., Sandusky, O.
Lane Mfg. Co., Montpelier, Vt.
Lane & Bodley Co., Tenn av & Paddock rd, Cincinnati, O.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa. *See adv index at end of book*
Marseilles Co., East Moline, Ill.
Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
Meese & Gottfried Co., 660 Mission, San Francisco, Cal.
Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.
Minster Machine Co., Minster, O.
Mobile Pulley & Machine Co., Mobile, Ala.
Nordeen H. G., Everett, Wash.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Plamondon A. Mfg. Co., 12 N Clinton, Chicago, Ill.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Pyott Co., 1401 W North av, Chicago, Ill.
Pyott Foundry Co., 328 N Sangamon, Chicago, Ill.
Santa Fe Foundry Co., Richmond, Cal.
Schaefer Mfg. Co., Birmingham, Ala.
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
Skillin & Richards Mfg. Co., 4520 Cortland, Chicago, Ill.
Smith H. B. Machine Co., Smithville, N. J.
Southern Engine & Boiler Works, Jackson, Tenn.
Sprout, Waldron & Co., Muncy, Pa.
Standard Pulley Co., 1734 Power, Cincinnati, O.
Stephens-Adamson Mfg. Co., Aurora, Ill.
Strait H. N. Mfg. Co., Kansas City, Kans.
Toledo Foundry & Machine Co., Toledo, O.
Union Iron Works, Decatur, Ill.
Union Machine Co., Worcester, Mass.
United Iron Works Co., Kansas City, Mo.
Valley Iron Works, Williamsport, Pa.
Walker Mfg. Co., Denver, Colo.
Webster Mfg. Co., Tiffin, O.
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.

PULLEYS (CAST IRON)—continued
Western Iron & Foundry Co., Wichita, Kans.
Wickes Bros., Saginaw, Mich.
See adv index at end of book
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co., Chambersburg, Pa.
Woonsocket Machine & Press Co., Woonsocket, R. I.

11730— Pulleys (Ceiling)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Stover Mfg. Co., Freeport, Ill.
Stowell Co., The, South Milwaukee, Wis.

11731—Pulleys (Clothes Line, Cast Iron)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Browne & Dowd Mfg. Co., Meriden, Conn.
Clough John H., Corry, Pa.
Fischer Bros. & Corwin, 635 N 3d, Newark, N. J.
Gray Iron Foundry Co. (Galvanized), Reading, Pa.
Peck, Stow & Wilcox ("Knot Passing"), Southington, Conn.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Reading Saddle & Mfg. Co. ("Sure Grip"), Reading, Pa.
Sargent & Co., New Haven, Conn.
Stover Mfg. Co., Freeport, Ill.
Susquehanna Casting Co., Wrightsville, Pa.
Williams A. C. Co., Ravenna, O.
Wrightsville Hardware Co. ("Brighton"), Wrightsville, Pa.

11732—Pulleys (Clothes Line, Steel)

New York Stamping Co. ("Acme" Stamped Steel, Porcelain Wheel), N 11th & Berry, Brooklyn, N. Y.

11733—Pulleys (Clothes Line, Wooden)

ESTES E. B. & SONS, 364 5th, New York
See adv index at end of book
Richardi & Bechtold, Bellaire ,Mich.
Selb Bros. Co. (Iron), 100 Boyd av, Jersey City, N. J.

11734— Pulleys (Cone)

Atlanta Mfg. & Supply Co., Atlanta, Ga.
Brown A. & F. Co., 79 Barclay, New York.
Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
Cressen-Morris Co., Allegheny & 18th, Phila., Pa.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Eastwood Benj. Co., Paterson, N. J.
Erie Clutch & Pulley Co., Erie, Pa.
Evans Friction Cone Co. (Countershaft, Variable Speed), Newton Center, Mass.
Hartford Machine Screw Co., Hartford, Conn.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Holyoke Machine Co., Worcester, Mass.
Howard Iron Works, Buffalo, N. Y.
Lane Mfg. Co., Montpelier Vt.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Saginaw Mfg. Co., Saginaw, Mich.
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co. (Step Taper, etc), Chambersburg, Pa.
Woonsocket Machine & Press Co., Woonsocket, R. I.

11735-6—Pulleys (Cork Insert)

American Pulley Co., 114 S Clinton, Chicago, Ill.
Cork Insert Co., 164 Federal, Boston, Mass.
Wood's T. B. Sons Co., Chambersburg, Pa.

Pulleys (Electric Lamp)

See Pulleys, Arc Lamp

11737— Pulleys (Flanged)

American Pulley Co., 114 S Clinton, Chicago, Ill.
Atlanta Mfg. & Supply Co., Atlanta, Ga.
Bond Foundry & Machine Co., Manheim, Pa.
Brown A. & F. Co., 79 Barclay, New York
Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Eastwood Benj. Co., Paterson, N. J.
Erie Clutch & Machine Co., Cuyahoga Falls, Ohio
Erie Clutch & Pulley Co., Erie, Pa.
Golden's Foundry & Machine Co., Columbus, Ga.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Holyoke Machine Co., Saginaw, Mich.
Howard Iron Works, Buffalo, N. Y.
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
Jones & Laughlin Steel Co. (Machy), Ross, Pittsburgh, Pa.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Mobile Pulley & Machine Co., Mobile, Ala.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Saginaw Mfg. Co., Saginaw, Mich.
Union Iron Works, Decatur, Ill.
Webster Mfg. Co., Tiffin, O.
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co., Chambersburg, Pa.
Woonsocket Mach. & Press Co., Woonsocket, R. I.

11738—Pulleys (Friction Clutch)

See also Clutches, Friction

ALLIS-CHALMERS MFG. CO. ("A. C."), Milwaukee, Wis.
See adv index at end of book
Atlanta Mfg. & Supply Co., Atlanta, Ga.
Bauroth Bros., Springfield, O.
Brown A. & F. Co., 79 Barclay, New York
Brown & Sharpe Mfg. Co. (Self-Oiling), Providence, R. I.
Caldwell H. W. & Son Co. ("Caldwell" Double Disc, Expansion, etc), 17th & Western av, Chicago, Ill.
CALDWELL W. E. CO., Louisville, Ky.
See adv index at end of book
Carrouthers & Fithian Clutch Co., Grove City, Pa.
Cedar Rapids Foundry & Machine Co., Cedar Rapids, Ia.
Chain Belt Co., Milwaukee, Wis.
Chamberlain Machine Works (For Cream, Separators), Waterloo, Ia.
Continental Fibre Co. (Fibre), Newark Centre, Del.
Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
Detroit Standard Gear Co. ("Standard"), Detroit, Mich.
Diamond Iron Works, 2d & 18th av, N, Minneapolis, Minn.
DODGE SALES & ENGINEERING CO. (Solid & Split), Mishawaka, Ind.
Eastern Machinery Co., New Haven, Conn.
Edgemont Machine Co., Dayton, O.
Erie Clutch & Pulley Co. ("Standard"), Erie, Pa.
FAIRBANKS CO. (Jobbers), 416 Broome, New York
For branch houses see Alphabetical Section
Fairbanks, Morse & Co. ("Eclipse"), 900 S Wabash av, Chicago, Ill.
Falls Clutch & Machinery Co., Cuyahoga Falls, O.
Garland M. Co. (Clutch), Bay City, Mich.
Great Western Mfg. Co., Leavenworth, Kans.
Hanson Clutch & Machy. Co., Tiffin, O.
Havana Mfg. Co. (Double Grip), Havana, Ill.
Hess, Snyder Co., Massillon, O.
HILL CLUTCH Co. (Solid & Split), 1000 W 59th, Cleveland, O.
Holyoke Machine Co., Worcester, Mass.
Howard Iron Works, Buffalo, N. Y.
Hunt Rodney Machine Co., Orange, Mass.
Hunter Jas. Machine Co., North Adams, Mass.
Hydraulic Press Mfg. Co., Mount Gilead, Ohio
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
Lasure Friction Cluth Pulley Co., Madison, Wis.
LINK-BELT CO ("Ewart & Disk"), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa. *See adv index at end of book*
McMahon & Co., Worcester, Mass.
Mason Volney W. & Co., 2 Lafayette, Providence, R. I.
Medart Patent Pulley Co., 3500 DeKalb, St. Louis, Mo.
Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.
Minster Machine Co. ("Herken" for Gas Engines), Minster, O.
Mobile Pulley & Machine Co., Mobile, Ala.
Moore-Master Mfg. Co., 320 W Grand av, Chicago, Ill.
Moore & White Co., N 15th & Lehigh av, Phila., Pa.
Mutual Mfg. Co. ("Lasure"), Rudd, Ia.
O. K. Clutch & Machinery Co. ("O. K."), Columbia, Pa.
Oesterlein Machine Co., Cincinnati, O.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Plamondon A. Mfg. Co., 12 N Clinton, Chicago, Ill.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Pusey & Jones Co., ft. Poplar, Wilmington, Del.
Pyott Co., 1401 W North av, Chicago, Ill.
St. Marys Machine Works ("St. Marys"), St. Marys, O.
Sandy Hill Iron & Brass Works ("Hercules"), Hudson Falls, N. Y.
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
Sinclair-Scott Co., Wells & Patapsco, Baltimore, Md.
Skillin & Richards Mfg. Co. ("Muir"), 4520 Cortland, Chicago, Ill.
Sly W. W. Mfg. Co., 4700 Train av, Cleveland, O.
Standard Pulley Co. (Countershafts), 1734 Power, Cincinnati, O.
Stephens-Adamson Mfg. Co. ("S-A" Steel Plate), Aurora, Ill.
Union Iron Works, Decatur, Ill.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
Walker Mfg. Co. (Patent Balanced), Denver, Colo.
Webster Mfg. Co., Tiffin, O.
Weller Engineering Co., Elyria, O.
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.
Wellman-Seaver-Morgan Co., Cleveland, O.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.
Wilmarth & Morman Co., 1151 Monroe av, N W, Grand Rapids, Mich.
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co., Chambersburg, Pa.
Yocom Jas. & Son, 145 N 2d, Phila., Pa.

11739— Pulleys (Galvanized)

Laughlin Thomas Co., Portland, Me.

11740— Pulleys (Governor)

Brownwall Engine & Pulley Co. ("Parker"), Holland, Mich.
Iowa Steel & Iron Works, Cedar Rapids, Iowa

11741— Pulleys (Grooved)

Boston Gear Works (Brass & Cast Iron), Quincy, Mass.
Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
Eastwood Benj. Co., Paterson, N. J.
Erie Clutch & Pulley Co., Erie, Pa.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Howard Iron Works, Buffalo, N. Y.
Hunter James Machine Co., N Adams, Mass.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
Saginaw Mfg. Co., Saginaw, Mich.

11742— Pulleys (Guide)

Brown A. & F. Co., 79 Barclay, New York.
Cresson-Morris Co., Allegheny & 18th, Phila, Pa.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Falls Clutch & Machinery Co., Cuyahoga Falls, O.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Howard Iron Works, Buffalo, N. Y.
Hunter Jas. Machine Co., North Adams, Mass.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Toledo Foundry & Machine Co., Toledo, O.
Webster Mfg. Co., Tiffin, O.
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co., Chambersburg, Pa.

11743— Pulleys (Hay Fork)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Cheney S. & Son (Scoville's), Manlius, N. Y.
Cleveland Block Co., 1173 W 11th, Cleveland, O.
Colebrookdale Iron Co., Pottstown, Pa.
Goshen Mfg. Co., Goshen, Ind.
Hunt, Helm, Ferris & Co. (Star," "O K.," "Peerless"), Harvard, Ill.
Kupferle Jno. C. Foundry Co. (Iron & Wood), 1st & Wright, St. Louis, Mo.
Louden Machinery Co. ("Louden"), Fairfield, Ia.
Mason F. C. & Co., St. Johns, Mich.
Milwaukee Hay Tool Co. ("Milwaukee"), Layton Park, Milwaukee, Wis.
MYERS F. E. & BRO. ("Myers O. K.," "Myers," "Reed," "Sure Grip" & "Faultless;" also "Myers Universal" Reversible & "Myers" Self-Locking Sling Pulleys), 800 Orange, Ashland, O.
See adv index at end of book
Ney Mfg. Co., Canton, O.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Phillips & Buttorff Mfg. Co., Nashville, Tenn.
Porter J. E. Co. ("Porter," "Self-Locking Sling," "Sling-Binding"), Ottawa, Ill.
Reading Hardware Co., Reading, Pa.
Ricker Mfg. Co., Rochester, N. Y.
St. Marys Machine Works (Clutch), St. Marys, O.
South Bend Foundry Co., South Bend, Ind.
Stowell Co., The, ("Stowell," Anti-Friction & Common), South Milwaukee, Wis.
Strickler Hay Tool Co. ("Strickler"), Janesville, Wis.
Susquehanna Casting Co., Wrightsville, Pa.
Swett A. L. Iron Works, Medina, N. Y.
Swineford G. A. Co., Canton, O.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Weller Hardware & Foundry Co., Horseheads, N. Y.
Wrightsville Hardware Co., Wrightsville, Pa.

11744— Pulleys (Iron Split)

Badger Gas & Gasoline Engine Co., Kansas City, Kans.
Bond Foundry & Machine Co., Manheim, Pa.
Brown A. & F. Co., 79 Barclay, New York
CALDWELL W. E. CO., Louisville, Ky.
See adv index at end of book
Chain Belt Co., Milwaukee, Wis.
Eastwood Benj. Co., Paterson, N. J.
FAIRBANKS CO. (Jobbers), 416 Broome, New York
For branch offices see Alphabetical Section
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Golden's Foundry & Machine Co., Columbus, Ga.
Henderson W. K. Iron Works & Supply Co., Shreveport, La.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Holyoke Machine Co., Worcester, Mass.
Howard Iron Works, Buffalo, N. Y.
Hunter James Machine Co., N Adams, Mass.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.
Mobile Pulley & Machine Co., Mobile, Ala.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Salem Foundry & Machine Works, Salem, Va.
Standard Pulley Co., 1734 Power, Cincinnati, O.
Union Iron Works, Decatur, Ill.
Valley Iron Works, Williamsport, Pa.
Webster Mfg. Co., Tiffin, O.
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co., Chambersburg, Pa.

11745—Pulleys (Leather Rim)

Belt Grip Pulley Co., 182 Breckenridge, Buffalo, N. Y.

11746— Pulleys (Loose)

American Pulleys Co., 114 S Clinton, Chicago, Ill.
Atlanta Mfg. & Supply Co., Atlanta, Ga.
Bond Foundry & Machine Co., Manheim, Pa.
Brown A. F. Co., 79 Barclay, New York.
Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
Chain Belt Co., Milwaukee, Wis.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Eastwood Benj. Co., Paterson, N. J.
Erie Clutch & Pulley Co., Erie, Pa.
Fairbanks Co. (Jobbers), 416 Broome, New York
For branch offices see Alphabetical Section
Golden's Foundry & Machine Co., Columbus, Ga.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Holyoke Machine Co., Worcester, Mass.
Howard Iron Works, Buffalo, N. Y.
Hunter James Machine Co., N Adams, Mass.
Jones W. A. Foundry & Machine Co. (Ring Oiling), 4401 W 12th, Chicago, Ill.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
McMaster-Carr Supply Co. ("Maymont," Self-Oiling), 174 N Market, Chicago, Ill.
Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.
Nordyke & Marmon Co. (Also Tight), 1290 Kentucky av, Indianapolis, Ind.
Saginaw Mfg. Co., Saginaw, Mich.
Transmission Ball Bearing Co., 1056 Military rd, Buffalo, N. Y.
Union Iron Works, Decatur, Ill.
Valley Iron Works, Williamsport, Pa.
Walker Mfg. Co., Denver, Colo.
Webster Mfg. Co., Tiffin, O.
Wilmarth & Morman Co. ("Nelson"), 1151 Monroe av N W, Grand Rapids, Mich.
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co. (Also Light), Chambersburg, Pa.

11747—Pulleys (Machine Moulded)

Bond Foundry & Machine Co., Manheim, Pa
Brown A. & F. Co., 79 Barclay, New York.
CALDWELL W. E. CO., Louisville, Ky.
See adv index at end of book
Chain Belt Co., Milwaukee, Wis.
Covel Mfg. Co., Benton Harbor, Mich.
Delano E. A. Co., 1401 W North, Chicago, Ill.
DODGE SALES & ENGINEERING CO. (For any service), Mishawaka, Ind.
Fairbanks Co. (Jobbers), 416 Broome, New York
For branch houses see Alphabetical Section
Goldens' Foundry & Machine Co., Columbus, Ga.
Great Western Mfg. Co., Leavenworth, Kans.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Holyoke Machine Co., Worcester, Mass.
Howard Iron Works, Buffalo, N. Y.
JEFFREY MFG CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
McLagon Foundry Co., New Haven, Conn.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Standard Pulley Co., 1734 Power, Cincinnati, O.
Stephens-Adamson Mfg. Co., Aurora, Ill.
Union Iron Wks., Decatur, Ill.
Walker Mfg. Co., Denver, Colo.
Webster Mfg. Co., Tiffin, O.

11747a—Pulleys (Magnetic)

Dings Magnetic Separator Co., 672 Smith, Milwaukee, Wis.

11748— Pulleys (Paper)

Rockwood Mfg. Co. ("American"), 1801 English av, Indianapolis, Ind.

11748a— Pulleys (Plow)

Fraser & Jones Co., Syracuse, N. Y.
Stowell Co., The, So. Milwaukee, Wis.

11749—Pulleys (Pressed Steel)

American Pulley Co. (Split), 114 S Clinton, Chicago, Ill.
Fairbanks Co. (Jobbers), 416 Broome, New York
For branch houses see Alphabetical Section
Barry Co., Muscatine, Ia.
Philips Pressed Steel Pulley Works, Nelmoor Station, Phila., Pa.
Porter Machine Co., Wooster, O.
Worcester Pressed Steel Co. (Flat, Crown Face & Split), Worcester, Mass.

11750— Pulleys (Sash)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
American Pulley Co. (Pressed Metal), 114 S Clinton, Chicago, Ill.
Austin & Eddy, 117 Broad, Boston, Mass.
Chantrell Hardware & Tool Co., Reading, Pa.
Clarkson Mfg. Co. (Ball Bearing), Lancaster & Dallas, Baltimore, Md.
Coleman Hardware Co., 122 S Michigan av, Chicago, Ill.
Columbian Hardware Co., Cleveland, O.
Corbin P. & F., New Britain, Conn.
Enterprise Foundry Co. (Ltd.), Nixon & Manhattan, Pittsburgh, Pa.
Ford Pulley & Hardware Co., Inc., 404 4th av, New York
See adv index at end of book
Gardner Sash Pulley Co. (Ball Bearing), 15 N Jefferson, Chicago, Ill.
Grand Rapids Hardware Co. ("Grand Rapids" All Steel Ball Bearing) Grand Rapids, Mich.
Grant Pulley & Hardware Co. ("Grant" Overhead & "American" Steel), 103 Park av, New York
Johnston & Sharp Mfg. Co. ("Ottumwa" Ball Bearing Steel), Ottumwa, Ia.
Kline Hardware Co, Allentown, Pa.
McDonough Mfg. Co., Eau Claire, Wis.
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co. ("Penn-Titian," "Penn - Vulcan," "Penn - Spartan"), Reading, Pa.
Reading Hdw. Co. (Ball & Roller Bearing), Reading, Pa.
Riverside Foundry Co., Wrightsville, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Seidel Mfg. Co. ("Seidel" Noiseless), Boatmen's Bank bldg, St. Louis, Mo.
Sloan Frank B. & Co. ("Norris," etc.), 516 W Baltimore, Baltimore, Md.
Smith Frank E. Metal Window Hardware Co. ("Smith," Overhead), 81 Clay, Newark, N. J.
Smith & Egge Mfg. Co., Bridgeport, Conn.
Stover Mfg. Co. ("Ideal"), Freeport, Ill.

11751— Pulleys (Screw)

Judd H. L. Co., 87 Chambers, New York
Ney Mfg. Co., Canton, O.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Stover Mfg. Co., Freeport, Ill.
Wrightsville Hardware Co., Wrightsville, Pa.

11752—Pulleys (Self-Oiling)

Brown A. & F. Co., 79 Barclay, New York
Brown Engineering Co. ("Brown"), 100 N 3rd, Reading, Pa.
See adv index at end of book
Caldwell W. E. Co., Louisville, Ky.
Holyoke Machine Co., Worcester, Mass.
Howard Iron Works, Buffalo, N. Y.
Luther B. G. Co., Worcester, Mass.
McMaster-Carr Supply Co. ("Maymont" Loose), 174 N Market, Chicago, Ill.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Susquehanna Casting Co., Wrightsville, Pa.
Walker Mfg. Co., Denver, Colo.
Wilmarth & Morman Co., 1151 Monroe av, N W, Grand Rapids, Mich.
Wrightsville Hdw. Co. ("Niagara," "Star," "Acme," "Gem" & "Empire" for Auger Mortises), Wrightsville, Pa.

11753—Pulleys (Show Case)

Gardner Sash Pulley Co. (Ball Bearing), 15 N Jefferson, Chicago, Ill.
Grant Pulley & Hardware Co., 101 Park av, New York
Penn Hardware Co., Reading, Pa.

Pulleys (Sleet Proof)

See Pulleys, Arc Lamp

Pulleys (Speed Changing)

See Variable Speed Transmission

11754—*Pulleys (Steel Split)

DODGE SALES ENGINEERING CO. ("Oneida," "Keystone"), Oneida, N. Y.
FAIRBANKS CO. (Jobbers), 416 Broome, New York
For branch houses see Alphabetical Section

Pulleys (Well)

See Wheels, Well

11755—Pulleys (Wire Tightening)

Smith Otis A. (Pulley & Eccentric Clamp Attached for Wire Fence & Telephone Wire, etc), Rockfall, Conn.

11755a— *Pulleys (Wood)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

11756—Pulleys (Wood Rim)

Carey W. W. Co., Lowell, Mass.
DODGE SALES & ENGINEERING CO. (Iron Centre for Heavy Duty), Mishawaka, Ind.
Erie Clutch & Pulley Co., Erie, Pa.
Lane Mfg. Co., Montpelier, Vt.
Saginaw Mfg. Co., Saginaw, Mich.

11757— Pulleys (Wood Split)

Bradford Belting Co. ("Monarch"), 2nd & Walnut, Cincinnati, O.
Burlingame A. Co., Worcester, Mass.
Chicago Pulley & Shafting Co., 40 S Clinton, Chicago, Ill.
Detroit Wood Pulley Co., Detroit, Mich.
DODGE SALES & ENGINEERING CO. ("Independence," "The Dodge Pulley," Balanced), Mishawaka, Ind.
Eclipse Wood Pulley Co., Berlin, Pa.
Erie Clutch & Pulley Co. ("Tornado"), Erie, Pa.
Excelsior Pulley Co. ("Excelsior"), Cuba, N. Y.
FAIRBANKS CO. (Jobbers), 416 Broome, New York
For branch houses see Alphabetical Section
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Forster John M. Co., Rochester, N. Y.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
Menasha Wood Split Pulley Co. ("Lawson"), Menasha, Wis.
Ohio Valley Pulley Works (Limestone), Maysville, Ky.
Oneida Wood Pulley Co. ("Oneida"), Oneida, N. Y.
Portland Pulley Co., Portland, Ore.
Reading Wood Pulley Co. (Wood Rim & Wood Centre & Wood Rim & Iron Centre), Reading, Pa.
Reeves Pulley Co., Columbus, Ind.
Roanoke Iron Works, Roanoke, Va.
Saginaw Mfg. Co. ("Gilbert"), Saginaw, Mich.
Salem Foundry & Machine Works, Salem, Va.
Strong, Carlisle & Hammond Co. ("Reeves"), 336-344 Frankfort av, N W, Cleveland, O.
Woonsocket Machine & Press Co., Woonsocket, R. I.

11758—Pulleys (Wrought Steel)

American Pulley Co. ("American" Whole Steel),, 114 S Clinton, Chicago, Ill.
Chicago Pulley & Shafting Co., 40 S Clinton, Chicago, Ill.
Dick R. & J. Ltd. ("Barry Steel Split Pulley"), Passaic, N. J.
Medart Patent Pulley Co. (Steel Rim), 3500 De Kalb, St. Louis, Mo.
Meese & Gottfried Co. (Steel Rim), 660 Mission, San Francisco, Cal.
Strong, Carlisle & Hammond Co. ("American"), 336-344 Frankfort av, N W, Cleveland, O.

11759— Pulls (Box)

Berbecker & Rowland Mfg. Co. (Brass), Waterville, Conn.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Ludwig A. & Co., 75 Spring, New York

11760— Pulls (Closet)

American Brass & Copper Co., 138 Lafayette, New York
Arlington Works, The (E. I. du Pont de Nemours & Co.), 21 E 40th, New York
Boekel Wm. & Co., 518 Vine, Phila., Pa.
Bogert & Hopper (Wooden), 67 Barclay, New York
Church C. F. Mfg. Co. ("White Pyralin"), Holyoke, Mass.
Coyne & Delany Co., 832 Kent av, Brooklyn, N. Y.
ESTES E. B. & SONS (Wooden), 364 5th av, New York
See adv index at end of book
Frost Mfg. Co., Kenosha, Wis.
Ideal Mfg. Co., Franklin & Dubois, Detroit, Mich.
Ireland & Matthews Mfg. Co. (Metal), Detroit, Mich.
Kupferle J. C. Foundry Co., 1st & Wright, St. Louis, Mo.
Maddock John & Sons (Porcelain), Trenton, N. J.
Meyer-Sniffen Co., 11 W 36th, New York
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Mott J. L. Iron Works (Porcelain), Trenton, N. J.
Russell J. M. Mfg. Co., Naugatuck, Conn.
Sillcocks-Miller Co. ("Celluvarno"), South Orange, N. J.
Smith & Egge Mfg. Co. (Wood), Bridgeport, Conn.
Stratton Mfg. Co., Stratton, Me.
Trenton Potteries Co. (Porcelain), Trenton, N. J.
Wolverine Brass Works, Grand Rapids, Mich.

11761— Pulls (Door)

Allith-Prouty Co. ("Prouty"), Danville, Ill.
Arcade Mfg. Co., Freeport, Ill.
Aurora Door Hanger & Specialty Co., Aurora, Ill.
Brainerd Mfg. Co., East Rochester, N. Y.
Brewer Bros. Co. (Wrought), 614 Filbert, Phila., Pa.
Brey & Krause Mfg. Co., Allentown, Pa.
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Champion Hardware Co. ("Champion"), Geneva, O.
Chicago Spring Butt Co. (Brass). 340 Union Pk. Ct., Chicago, Ill.
Columbian Hardware Co. ("Columbian" & "Gem"), Cleveland, O.
Columbus Brass Co., 538 Dublin av, Columbus, O. *See adv index at end of book*
Corbin P. & F., New Britain, Conn.
Dent Hardware Co., Fullerton, Pa.
Estes E. B. & Sons (Wood), 364 5th av, New York. *See adv index at end of book*
Frantz Mfg. Co., Sterling, Ill.
Grey Iron Casting Co. (Plain & Fancy), Mt. Joy, Pa.
Griffin Mfg. Co., Erie, Pa.
Hager C. & Sons Hinge Mfg. Co. (Wrought Steel Japanned), St. Louis, Mo.
Hunt, Helm & Ferris & Co., Harvard, Ill.
Ives H. B. Co., New Haven, Conn.
Jencks E. Mfg. Co., Worcester, Mass.
Lawrence Bros., Sterling, Ill.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
National Mfg. Co. (All Steel), Sterling, Ill.
Norwalk Lock Co., South Norwalk, Conn.
Pacific Hardware Mfg. Co., Los Angeles, Cal.
Parker Wire Goods Co., Worcester, Mass.
Payson Mfg. Co., 2918 W Jackson blvd, Chicago, Ill.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Peters Jas. & Son (Wrought Iron), 1934 N Front, Phila., Pa.
Phoenix Lock Works, 3d av, Newark, N. J.
Reading Hardware Co., Reading, Pa.
Richards Benj. & Co., Winsted, Conn.
Richards-Wilcox Mfg. Co. ("Richards" Steel Flush & Handle), Aurora, Ill.
Russell & Erwin Mfg. Co., New Britain, Conn.
Safe Padlock & Hardware Co., Lancaster, Pa.
Sargent & Co., New Haven, Conn.
Sharon Hardware Mfg. Co. (All Steel Door & Cabinet), Sharon, Pa.
Shelby Spring Hinge Co. (Steel), Shelby, Ohio
STANLEY WORKS (Barn & Garage Door, Wrought Steel), New Britain, Conn.
See adv index at end of book
Stover Mfg. Co. (Also Barn Door), Freeport, Ill.
Swett A. L. Iron Works, Medina, N. Y.
Taylor & Boggis Foundry Co., Cleveland, Ohio
Wagner Mfg. Co. ("Wagner"), Cedar Falls, Ia.
Weller Hardware & Foundry Co., Horseheads, N. Y.
Western Brass Mfg. Works (Cast Brass or Bronze), Marshall blvd & W 21st, Chicago, Ill.
Wire Goods Co., Worcester, Mass.
Yale & Towne Mfg. Co., 9 E 40th, New York

11762— Pulls (Drawer)

Ajax Hardware Mfg. Co., 1100 Military rd, Buffalo, N. Y.
Allith-Prouty Co. ("Prouty"), Danville, Ill.
American Ring Co., Waterbury, Conn.
Arcade Mfg. Co., Freeport, Ill.
Berbecker & Rowland Mfg. Co. (Cast & Wrought Brass Ring, Drop), Waterville, Conn.
Bradley & Farnham, Middlefield, Conn.
Brainerd Mfg. Co., East Rochester, N. Y.
Brass Goods Mfg. Co., 533 Union, Brooklyn, N. Y.
Brooks M. S. & Sons, Chester, Conn.
Champion Hardware Co. ("Champion"), Geneva, O.
Chantrell Hardware & Tool Co., Reading, Pa.
Clark W. J. Co., Salem, O.
Columbian Hardware Co., Cleveland, O.
Corbin Cabinet Lock Co., New Britain, Conn.
Corbin P. & Y., New Britain, Conn.
Dent Hardware Co. (Plain, Ornamental, Escutcheons & Druggists', etc), Fullerton, Pa.

Eagle Lock Co., Terryville, Conn.
Ellis Mfg. Co., Milldale, Conn.
Estes E. B. & Sons (Wood), 364 5th av, New York. *See adv index at end of book*
Foster, Merriam & Co., Meriden, Conn.
Frantz Mfg. Co., Sterling, Ill.
Grammes L. F. & Sons, Allentown, Pa. *See adv index at end of book*
Grand Rapids Brass Co., Grand Rapids, Mich.
Grand Rapids Hdwe. Co., Grand Rapids, Mich.
Grey Iron Casting Co., Mt. Joy, Pa.
Griffin Mfg. Co., Erie, Pa.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Hardware Supply Co., Grand Rapids, Mich.
Harry Bros. Mfg. Co. (Polished Brass), 282 Woodbridge E, Detroit, Mich.
Illinois Glass Co., Alton, Ill.
Ives H. B. Co., New Haven, Conn.
Jencks E. Mfg. Co., Worcester, Mass.
Keeler Brass Co., Grand Rapids, Mich.
Lawrence Bros. (Steel), Sterling, Ill.
McKinney Mfg. Co. (Pressed Steel), N S, Pittsburgh, Pa.
Morgan Spring Co., Worcester, Mass. *See adv index at end of book*
National Brass Mfg Co. (Metal), Cincinnati, Ohio
National Lock Co. (Or Furniture), Rockford, Ill.
National Mfg. Co. (Pressed Steel or Brass), Sterling, Ill.
Parker Wire Goods Co., Worcester, Mass.
Payson Mfg. Co., 2918 W Jackson blvd, Chicago, Ill.
Peck, Stow & Wilcox Co., Southington, Conn.
Penna Hardware Co., Reading, Pa.
Phoenix Lock Works, 3d av, Newark, N. J.
Reading Hardware Co., Reading, Pa.
Richards Benj. & Co., Winsted, Conn.
Rowe Henry Mfg. Co., Newaygo, Mich.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Sharon Hardware Mfg. Co. (All Steel), Sharon, Pa.
Shelby Spring Hinge Co. (Steel, Bronze or Brass Metal, Polished), Shelby, O.
Standard Mfg. Co., Shelby, O.
STANLEY WORKS, New Britain, Conn. *See adv index at end of book*
Stephenson Mfg. Co. (Wood), South Bend, Ind.
STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Stover Mfg. Co., Freeport, Ill.
Taylor & Boggis Foundry Co. (Drop), Cleveland, O.
Weber-Knapp Co., Jamestown, N. Y.
Western Brass Mfg. Works (Cast Brass or Bronze), Marshall blvd & W 21st, Chicago, Ill.
Wire Goods Co., Worcester, Mass.
Wrightsville Hardware Co., Wrightsville, Pa.
Yale & Towne Mfg. Co., 9 E 40th, New York

11763—Pulls (Drawer & Wall Case, Glass Bar)

11764— Pulls (Screen Door)

American Ring Co., Waterbury, Conn.
Brooks M. S. & Sons (Also Ring Shade Pulls), Chester, Conn.
Columbian Hardware Co., Cleveland, O.
Corbin P. & F., New Britain, Conn.
Grammes L. F. & Sons, Allentown, Pa. *See adv index at end of book*
Grey Iron Casting Co., Mt. Joy, Pa.
Griffin Mfg. Co., Erie, Pa.
Hunt, Helen, Ferris & Co. ("Star," "Handy"), Harvard, Ill.
Ives H. B. Co., New Haven, Conn.
Kohler F. E. & Co., Canton, O.
Penn Hardware Co., Reading, Pa.
Shelby Spring Hinge Co., Shelby, O.
STANLEY WORKS, New Britain, Conn. *See adv index at end of book*
Stover Mfg. Co., Freeport, Ill.

Pulls (Tank)

See Pulls, Closet

11765— Pulp (Soda Wood)

Champion Fibre Co., Hamilton, O.

11765a—Pulp (Sulphite Wood)

Champion Fibre Co., Hamilton, O.

11766-7—Pulpit & Altar Rails

Columbus Brass Co., 538 Dublin av, Columbus O. *See adv index at end of book*
Crescent Art Metal Co., Bridgeton, N. J.
Hyde-Murphy Co., Ridgway, Pa.
Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill. *See adv index at end of book*
NEWMAN MFG. CO., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill. *See adv index at end of book*

11767a— Pulsometers (Acid)

Pulsometers Steam Pump Co., 220 W. 42d, New York

11767b—*Pulverized Coal Burning Equipment

Amsler Walter O. ("Amsler"), Wabash bldg, Pittsburgh, Pa.

Pulverizers

See Crushers, various kinds; also Pulvering Machinery; also Mills, Grinding

11768—*Pulverizers (Cement)

See also Cement Machinery

ABBE ENGINEERING CO., 220 Broadway, New York *See adv index at end of book*
Atcheson & Barok Die Tool Co., Columbus, Ohio
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
K. B. Pulverizer Co., Inc., 86 Worth, New York

11769— Pulverizers (Clay)

See also Crushers, Clay

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
American Pulverizer Co., East St. Louis, Ill.
CROSSLEY MACHINE CO., State & Chestnut av, Trenton, N. J. *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Lehigh-Fuller Co., Fullerton, Pa.
Mead & Co., Detroit, Mich.
Stroud E. H. & Co., 928-934 Fullerton av, Chicago, Ill.
United Iron Works Co., Kansas City, Mo.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

11770— Pulverizers (Coal)

See also Crushers, Coal & Coke

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
K. B. Pulverizer Co., Inc., 86 Worth, New York
Lehigh Car Wheel & Axle Works, Catasauqua, Pa.
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Mead & Co., Detroit, Mich.
Stroud E. H. & Co., 928-934 Fullerton av. Chicago, Ill.
United Iron Works Co., Kansas City, Mo.
Webster Mfg. Co., Tiffin, O.

11771— Pulverizers (Disc)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
Denver Fire Clay Co., Denver, Colo.
Iler Foundry & Mfg. Co., 694 E 82d, Cleveland, O.
Mead & Co., Detroit, Mich.

11772— Pulverizers (Emery)

ABBE ENGINEERING CO., 220 B'way New York *See adv index at end of book*

11773—Pulverizers (Laboratory)

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
Fulton Drop Forge Co., Canal, Fulton, O.
Iler Foundry & Mfg. Co., 694 E 82d, Cleveland, O.
Jeffrey Mfg. Co., 961 N 4th, Columbus, O. *See adv index at end of book*

11774—*Pulverizers (Lime Pulver for Limestone)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

11775 —Pulverizers (Soil)

Dunham Co., Hippodrome bldg, Berea, O.
Hayton Pump Co., Quincy, Ill.

11776— Pulverizers (Stone)

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
Acme Road Machinery Co., All Kinds (Limestone), Frankofrt, N. Y.
American Pulverizer Co., 32d & Ridge, East St. Louis, Ill.
Beach-Russ Co., 220 B'way, New York *See adv index at end of book*
Hardinge Conical Mill Co. ("Hardinge"), 120 B'way, New York
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
New Holland Machine Co. (Limestone), New Holland, Pa.
Pennsylvania Crusher Co. ("Pennsylvania," Hammer Crusher), Stephen Girard bldg, Phila., Pa.
Raymond Bros. Impact Pulverizer Co. ("Raymond"), 1319 North Branch, Chicago, Ill.
Stroud E. H. & Co., 928-934 Fullerton av, Chicago, Ill.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

11777— Pulverizers (Sugar)

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
MEAD & CO., 19th & M C R R, Detroit, Mich.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

11778— Pulverizers (Wood)

Jeffrey Mfg. Co., 961 N 4th, Columbus, O. *See adv index at end of book*
Mitts & Merrill (For Extracting Turpentine, Tannin, Dye Woods & Essential Oils), 1939 S Water, Saginaw, Mich.

11779— Pumice Brick

Chrystal Chas. B. (Imp.), 13 Cliff, New York *See adv index at end of book*
Doggett Stanley (Imp., Purified), 11 Cliff, New York.
Rhodes James H. & Co. ("Rhodes" Bimsstein Fabrik), 157 W Austin av, Chicago, Ill.
Waddell R. J. & Co. (Imp), 52 Beekman, New York

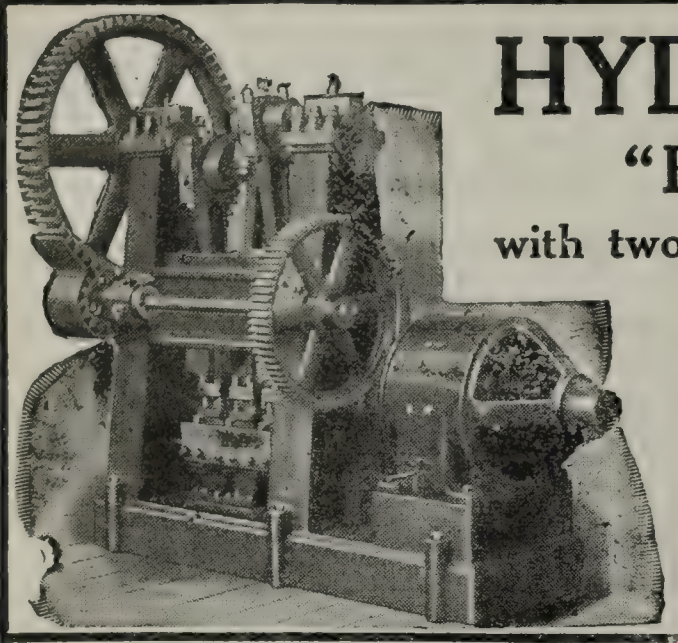
11780— Pumice (Domestic)

American Pumice Co., 111 W Monroe, Chicago, Ill.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Themanson A. W. (Miller & Miner), St. Joseph, Mo.

11781—Pumice Stone Importers

See also Rotten Stone

Behrend F., 54 Front, New York
Carbondale Sponge Co., 89 Fulton, New York
CHRYSTAL CHARLES B. (Powdered, Lump & Brick), 13 Cliff, New York *See adv index at end of book*
Doggett Stanley (Imp.), 11 Cliff, New York
Fuerst Bros. & Co. (Imp.), 2 Stone, New York
Hanson & Van Winkle Co., 269 Oliver, Newark, N. J.
Harrison Supply Co. (Selected Lump) 5 Dorchester av Extension, Boston Mass.



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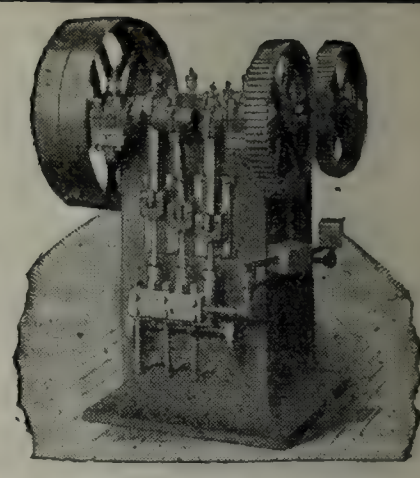

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Penna-Keystone Co., 329 B'way, New York
Rhodes Jas. H. & Co. (Grinders of Italian), 157 W Austin av, Chicago, Ill.
Thurston F. W. Co. (Powdered & Lump), 1832 S Clark, Chicago, Ill.
Van Amringe Theo. & Son, 81 Fulton, New York
Waddell R. J. & Co., 52 Beekman, New York
Wiarda Jno. C. & Co., 273 Greene, Brooklyn, N. Y.

11781a— Pump Primers

Schutte & Koerting Co., 1251 N 12th, Phila., Pa.

11781b— *Pump Repairs

Elmes Chas. F. Engineering Works, cor Fulton & Sangamon, Chicago, Ill.
See adv index at end of book

Pump Starters (Automatic)

See Self Starters

11781c—*Pump Valves & Seats (Rubber)

*Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book

11782-3— Pump & Engine (Combined)

Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Van Nouhuys Mach. Kks., Albany, N. Y.

Pumping Machinery

See Machinery, Pumping; also Pumps, Various Kinds

11784—Pumping Outfits (Horse Power)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
DEMING CO., Salem, O.
See adv index at end of book
MYERS F. E. & BRO., 800 Orange, Ashland, O. *See adv index at end of book*
U. S. Wind Engine & Pump Co., Batavia, Ill.

11785—Pumping Outfits (Odorless)

Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Noble H. A. Co. ("National"), 305 N 2d, Phila, Pa.
Van Nouhuys Mach. Wks., Albany, N. Y.

11786—Pumping Systems (Fuel Oil)

Wilgus Mfg. Co. ("Wilgus" for Steam Plants), Los Angeles, Cal.

11787—*Pumping Systems (Return Air)

INGERSOLL-RAND CO. (Air Lift), 11 B'way, New York
See adv index at end of book

11788— Pumping Units

Gardner Governor Co., 14 Williamson, Quincy, Ill.
Moore Samuel L. & Sons (Pump & Oil Engine Combined), Elizabeth, N. J.
Van Nouhuys Mach. Wks., Albany, N. Y.

11789— Pumps (Acid)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
American Steam Pump Co., Battle Creek, Mich.
American Well Works, Aurora, Ill.
See adv index at end of book
Aterite M. H. Co., Inc. (Sulphuric), 55 John, New York
BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Buffalo Steam Pump Co., Buffalo, N. Y.
Cameron A. S., Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
See adv index at end of book
DEMING CO., Salem, O.
See adv index at end of book
Devine J. P. Co., Buffalo, N. Y.
D'Olier Centrifugal Pump & Machine Co., 1421 Chestnut, Phila., Pa.
Duriron Castings Co. ("Duriron" Acid Proof), Dayton, O.
Economy Pumping Machy. Co., 116 N Carpenter, Chicago, Ill.
Foster Pump Works, 36 Bridge, Brooklyn, N. Y.
Gardner Governor Co., 14 Williamson, Quincy, Ill.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y.
See adv index at end of book
Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.
Johnson John Co., 203 37th, B'klyn, N. Y.
Lobee Pump & Machinery Co., Est., Buffalo, N. Y.
Lummus Walter E. Co. ("Metrolift" Automatic,) 173 Milk, Boston , Mass.
Merritt Hydraulics Co., 110 N Broad, Phila., Pa.
Morris Machine Works, Baldwinsville, N. Y.
Nash Engineering Co. ("Nash," Hydro-Turbine), South Norwalk, Conn.

RUMSEY TRIPLEX PUMPS

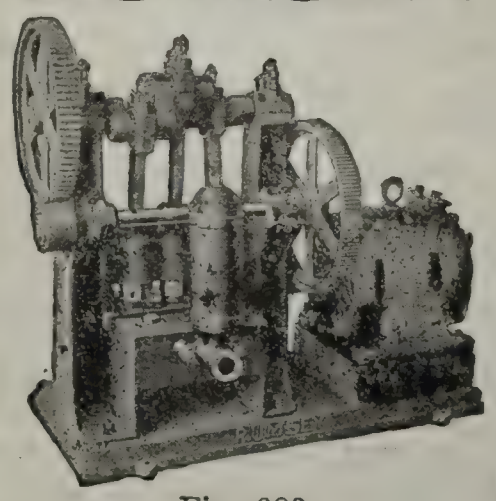

Fig. 683

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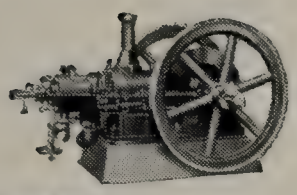

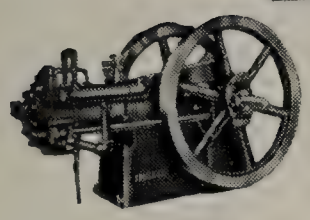

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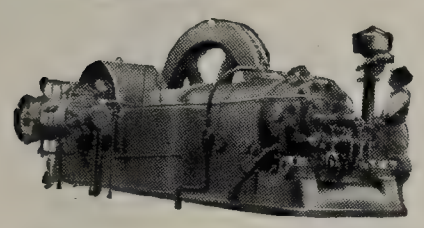
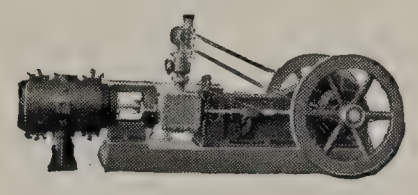
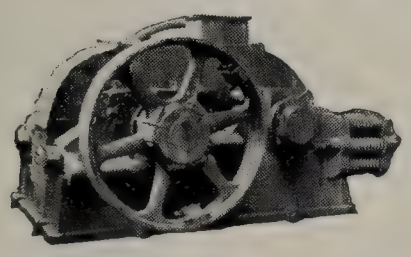


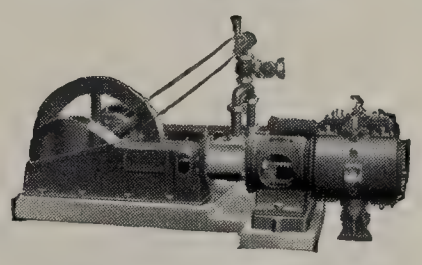
Snow Crude Oil Engine



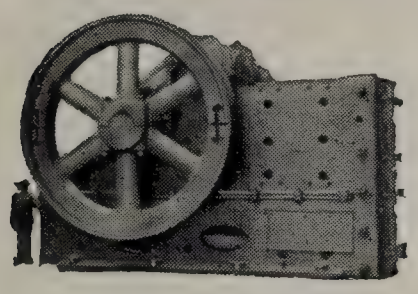
Laidlaw Single Steam Driven Air Compressor



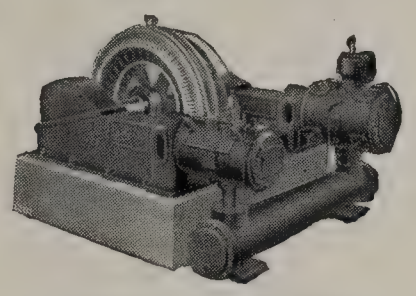
Garfield Crushing Roll



Laidlaw Duplex Steam Driven Air Compressor



Superior Jaw Crusher



Laidlaw Duplex Motor Driven Air Compressor

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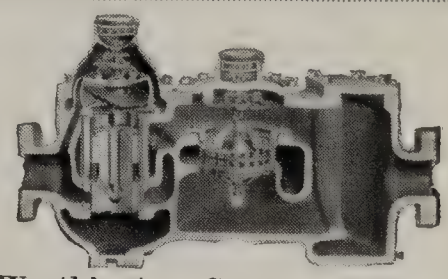
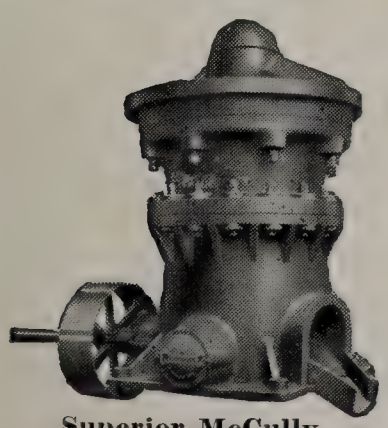
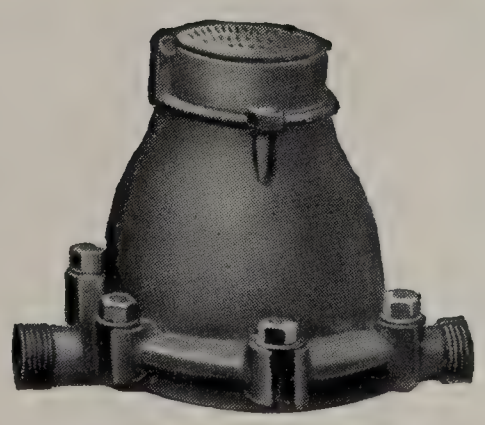
Worthington Turbine Meter



Worthington Compound Meter

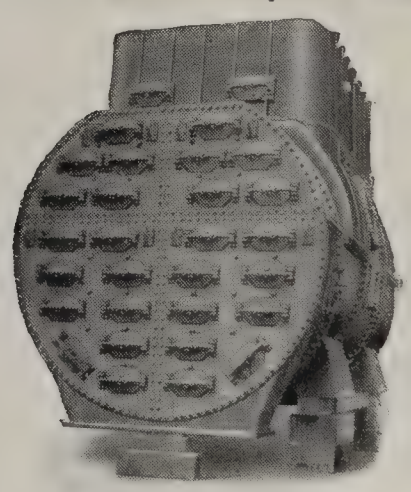


Superior-McCully Gyratory Crusher



Worthington Disc Meter

Worthington Water Meter Model G



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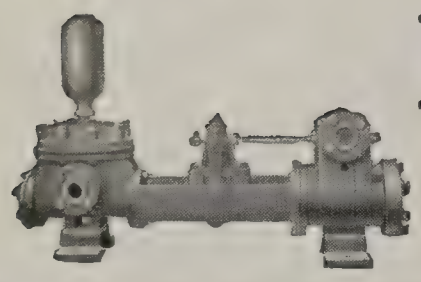
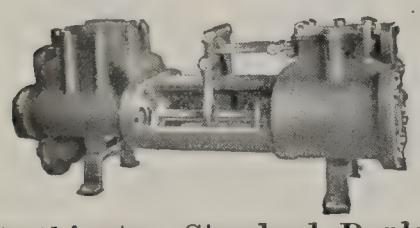
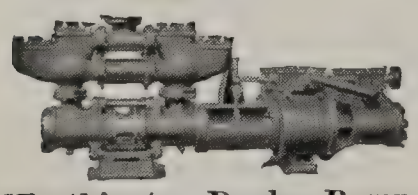


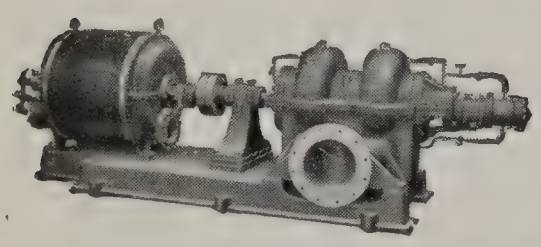
Blake-Knowles Simplex Pump



Worthington Standard Duplex Pump



Worthington Duplex Pump Pot Valve Pattern



Worthington Bi-Rotor Volute Pump

Air Pumps
Boiler Feed Pumps
Centrifugal Pumps
Deep Well Pumps
Fire Pumps
Marine Pumps
Mine Pumps
Oil Pumps
Power Pumps
Sugar House Pumps
Vacuum Pumps
Vertical Shaft Pumps
Stuff Pumps
Water Works
Pumping Engines

CATALOGS ON REQUEST

WORKS:

Worthington Works.....Harrison, N. J.
Blake-Knowles Wks., East Cambridge, Mass.
Power & Mining Mchy. Works, Cudahy, Wis.
Ingeco Engine Works.....Cudahy, Wis.
Deane Works.....Holyoke, Mass.
Laidlaw Works, Elmwood Pl., Cincinnati, O.
Snow-Holly Works.....Buffalo, N. Y.
Hazleton Works.....Hazleton, Pa.
Prescott Works.....Cudahy, Wis.

Branch Offices:

Atlanta
Birmingham
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Denver
El Paso
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WORTHINGTON PUMP AND MACHINERY CORPORATION

115 BROADWAY, NEW YORK

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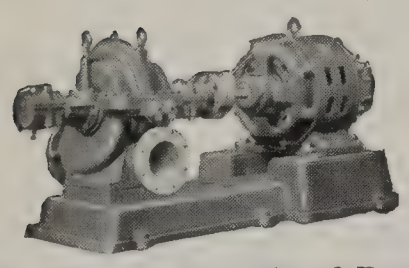
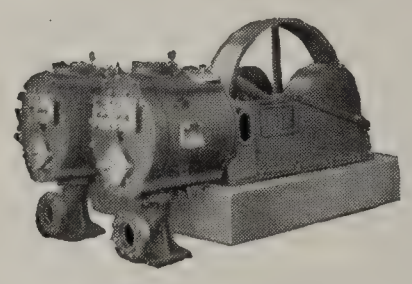
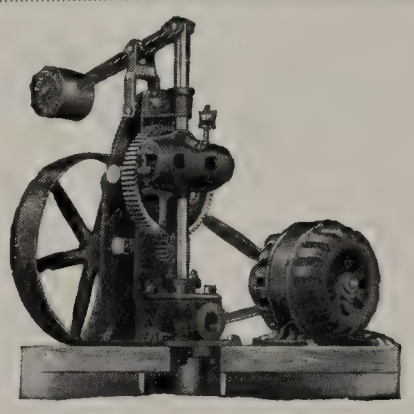


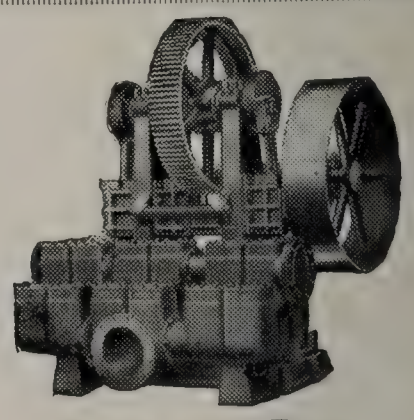
Worthington Centrifugal Pump —Split Case



Laidlaw Duplex Vacuum Pump

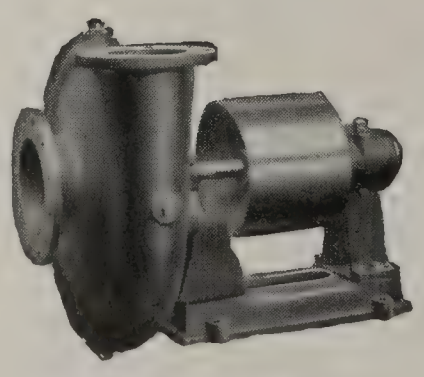


Deane Deep Well Head

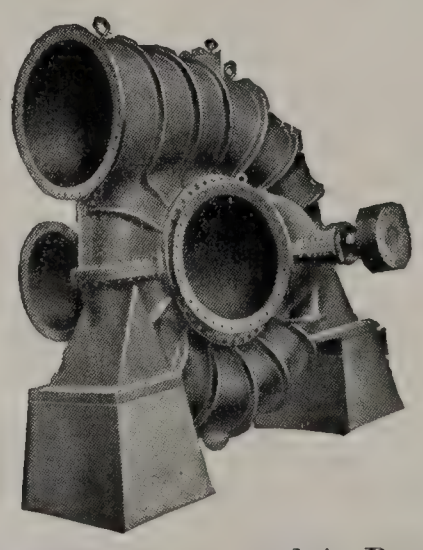


Deane Power Pump

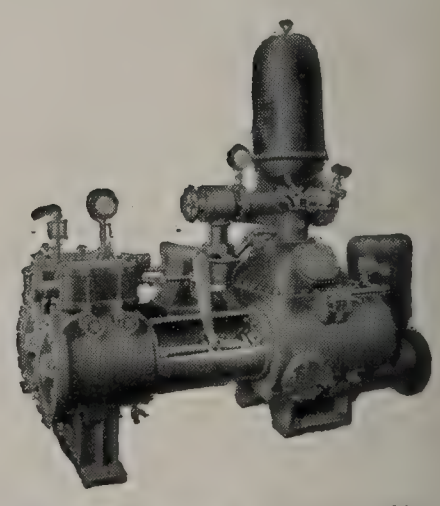
Worthington Sewage Pump



Worthington Class "C" Volute Pump



Worthington 60" Volute Pump



Blake-Knowles Underwriter Fire Pump

National Foundry & Machine Co., Louisville, Ky.
National Transit Pump & Machine Co., Oil City, Pa.
See adv index at end of book
Oliver Continuous Filter Co., 503 Market, San Francisco, Cal. & 299 Madison av, New York
Process Engineering Co., Phila., Pa.
Schutte & Koerting Co., 1251 N 12th, Phila., Pa.
Union Steam Pump Co., Battle Creek, Mich.
Vogt Bros. Mfg. Co., Louisville, Ky.
See adv index at end of book
Wagener Steam Pump Co., Canton, O.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

11790—Pumps (Acid, Hard Rubber)

American Hard Rubber Co. (& Pines & Fittings), 9 Mercer, New York

11791—*Pumps (Acid Metal)

Cameron A. S. Steam Pump Works, Bawling Green bldg, New York
See adv index at end of book
DE LAVAL STEAM TURBINE CO. (Centrifugal), East Trenton, N. J.
See adv index at end of book
Johnson John Co., 203 37th, B'klyn, N. Y.
Lummus Walter E. Co. ("Metrolift" Automatic), 173 Milk, Boston, Mass.
NATIONAL TRANSIT PUMP & MACHINE CO., Oil City, Pa.
See adv index at end of book

11791a—*Pumps (Acid Proof)

CHEMICAL PUMP & VALVE CO., THE (Pumps & Valves Made of All Kinds of Acid Resisting Material), 327 Gifford, Perth Amboy, N. J.
Johnson John Co., 203 37th, B'klyn, N. Y.
Lummus Walter E. Co. ("Metrolift" Automatic), 173 Milk, Boston, Mass.

11792— Pumps (Air)

A. F. S. Machine Co., 531 S St. Clair, Toledo, O.
Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
Air Device Co., 2975 Cottage Grove av, Chicago, Ill.
Alberger Pump & Condenser Co., 140 Cedar, New York
ALLIS-CHALMERS MFG. CO. (Steam Power), Milwaukee, Wis.
See adv index at end of book
American Electric Air Pump Co. (Electric), Penn & Barbeau, Pittsburgh, Pa.
American Steam Pump Co., Battle Creek, Mich.
Asbell S. J. Co. (Hand), Paterson, N. J.
Automatic Electric Pump Co., Davenport, Ia.
BEACH-RUSS CO. (For Agitating), 220 B'way, New York
See adv index at end of book
Bishop-Babcock-Becker Co. (Hand & Electric Automatic), Cleveland, O.
Black & Decker Mfg. Co., 111 So. Calvert, Baltimore, Md.
Blakeslee Mfg. Co., Du Quoin, Ill.
Bridgeport Brass Co. ("Bridgeport," "Stanley," "Aeolus," "Demo," "Blizzard"), Bridgeport, Conn.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Buffalo Steam Pump Co. (Hand Circulating), Buffalo, N. Y.
Burton & Johnson Co., 2301 Center av, Cleveland, O.
CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
Carron A. M. Machine Co. (Small Electric), Penn & Barbeau, Pittsburgh, Pa.
Comstock A. S. (Motor Driven), Evanston, Ill.
Davidson M. T. Co. (Single & Twin Cylinder, etc), 43 Keap, Brooklyn, N. Y.
Dean Bros. Steam Pump Works, (Twin Cylinder), 327 W 10th, Indianapolis, Ind.
DE LAVAL STEAM TURBINE CO. (Centrifugal), East Trenton, N. J.
See adv index at end of book
DEMING CO., Salem O.
See adv index at end of book
Devine J. P. Co., Buffalo, N. Y.
Dow Pump & Diesel Engine Co., 417 Market, San Francisco, Cal.
Economy Pumping Machy. Co. (Electric or Power), 116 N Carpenter, Chicago, Ill.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Flint & Walling Mfg. Co., Kendallville, Ind.
Foster Pump Works, 36 Bridge, Brooklyn, N. Y.
Fritz Geo. J. Foundry & Machine Co. (Brewers' Steam), 2018 S 3rd, St. Louis, Mo.
Gardner Governor Co., 14 Williamson, Quincy, Ill.
Garratt W. T. & Co., 299 Fremont, San Francisco, Cal.
Garrison Brass & Machine Works, 107 W 13th, New York
Globe Mfg. Co., Battle Creek, Mich.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Harris Air Pump Co., 421 W South, Indianapolis, Ind.
Humphryes Mfg. Co. (Hand), Mansfield, O.
Indiana Air Pump Co., Indianapolis, Ind.
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Knott L. E. Apparatus Co. (For School Demonstration), 79 Amherst, Cambridge, Mass.
Leader Iron Works, 201 Jasper, Decatur, Ill.
Manistee Iron Works Co., Manistee, Mich.
MESTA MACHINE CO., Pittsburgh, Pa.
See adv index at end of book
MYERS F. E. & BRO. (Hydro-Pneumatic, "Century" Low Down & "Bulldozer," "Electric Automatic"), 800 Orange, Ashland, O. *See adv index at end of book*
Nash Engineering Co. ("Nash" Hydro-Turbine, South Norwalk, Conn.
National-Standard Co., Box 211 Niles, Mich.
National Transit Pump & Machine Co., Oil City, Pa.
See adv index at end of book
N. Y. Air Brake Co., 165 B'way, New York
Pattin Bros. Co., Marietta, O.
Platt Iron Works Co., Dayton, O.
Reliance Machine & Tool Works ("Hooker"), Channing & Franklin avs, St. Louis, Mo.
Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y.
See adv index at end of book
Strater Herman & Sons (Beer), 74 Sudbury, Boston, Mass.
Ten Eyck Pump Co., 141-49 W 62nd st, Chicago, Ill.
See adv index at end of book
Union Iron Works Co. (And Condenser), 20th & Michigan, San Francisco, Cal.
Union Steam Pump Co. (Direct Acting), Battle Creek Mich.
Vogt Bros. Mfg. Co., Louisville, Ky.
See adv index at end of book
Ward Pump Co. (Double Cylinder), Rockford, Ill.
West Side Fdry. Co., Troy, N. Y.
Warren Steam Pump Co. (And Condenser), Warren, Mass.
Wheeler C. H. Mfg. Co. ("Mullan" Suction, Valveless, "Pratt Rotrex," "Thyssen Entrainment"), Phila., Pa.
WHEELER CONDENSER & ENGINEERING CO. ("Wheeler-Edwards" Suction Valveless, also "Wheeler-Rotative Dry," "Wheeler-Turbo Air," "Wheeler-Direct Acting"), Carteret, N. J.
See adv index at end of book
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York.
See adv index at end of book

11792a—*Pumps (Air Chamber)

DEMING CO., Salem, O.
See adv index at end of book

11793—*Pumps (Air, Exhausters)

BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book

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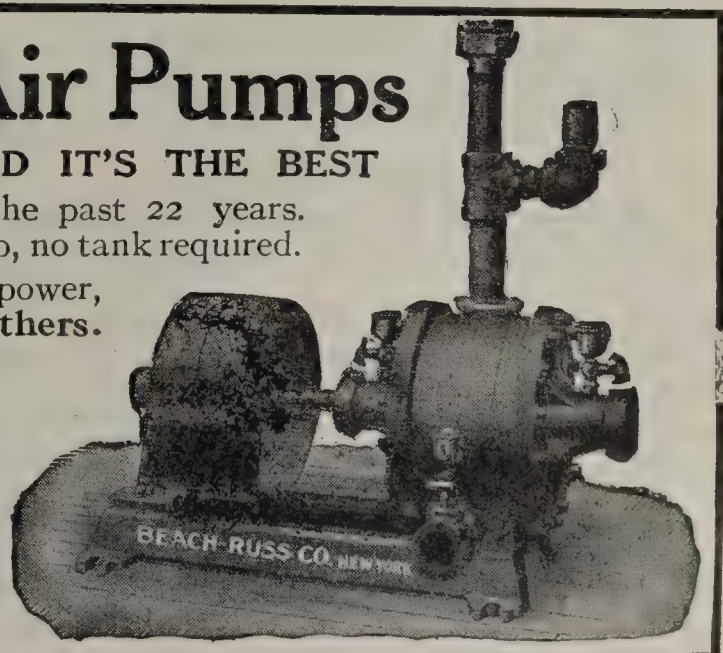
11794— Pumps (Air Lift)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.

Rotary Pressure Blowers or Air Pumps
OURS IS THE ROTARY YOU HEAR SO MUCH ABOUT, AND IT'S THE BEST
We have manufactured **PATENTED PRESSURE BLOWERS** for the past 22 years.
Will pump from **1 to 20 Pounds Steady Air Pressure,** direct from pump, no tank required.
Our Rotary Vacuum Pump exhausts quickest, requires less power, runs quietly and will **outwear all others.**
Built for low or very highest vacuum, such as electric lamp exhausting, vacuum heating, Packing Houses, etc.
Also make Rotary Oil, Water and Liquid Pumps, Gas Furnaces, Forges, Pulverizing, Crushing and Grinding Machinery. Swiss Silk Bolting Cloth Filter Presses.
FACTORY: 53-63 Green Street, Brooklyn, N. Y.
BEACH-RUSS CO., 220 Broadway, N. Y.


PUMPS (AIR LIFT)—continued

American Steam Pump Co., Battle Creek, Mich.
BEACH RUSS CO., 220 B'way, New York
See adv index at end of book
Emerson Pump & Valve Co., Alexandria, Va.
Foster Pump Works, 36 Bridge, Brooklyn, N. Y.
Gardner Governor Co. 14 Williamson, Quincy, Ill.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Hall Steam Pump Co., 213 Galveston, Pittsburgh, Pa.
Indiana Air Pump Co., Indianapolis, Ind.
INGERSOLL-RAND CO. ("Imperial," "Pohle" & "Saunders" & Return Air), 11 B'way, New York
See adv index at end of book
Latta-Martin Pump Co., Hickory, N. C.
Lummus Walter E. Co. ("Metrolift" Automatic), 173 Milk, Boston, Mass.
Merritt Hydraulics Co., 110 N Broad, Phila., Pa.
Nash Engineering Co. ("Nash," Hydro-Turbine), South Norwalk, Conn.
Schramm Chris. D. & Son, 308 N 4th, Phila., Pa.
Sullivan Machinery Co., Peoples Gas bldg, Chicago, Ill.
Talbot Air Lift Co., 335 W 4th, Phila., Pa.
Union Steam Pump Co., Battle Creek, Mich.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

11795—*Pumps (Air Line, Vacuum Heating)

BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Chicago Pump Co., 904-10 W Lake, Chicago, Ill. *See adv index at end of book*

11796— Pumps (Air, Tire)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
American Electric Air Pump Co. (Electric for Garages), Penn & Barbeau, Pittsburgh, Pa.
Ansonia Mfg. Co., Ansonia, Conn.
Artizan Brass Co. (Power, Auto), 230 N Jefferson, Chicago, Ill.
Automatic Electric Pump Co., Davenport, Ia.
Bay State Pump Co. ("Crane" Engine Drivers), 100 Purchase, Boston, Mass.
Beckley-Ralston Co., 1801 S Michigan av, Chicago, Ill.
Bell Pump & Mfg. Co., 74 Fort E, Detroit, Mich.
Bishop-Babcock-Becker Co., Cleveland, O.
Black & Decker Mfg. Co. ("Lectroflater", 111 So. Calvert, Baltimore, Md.
Bride Wm. J. Co. ("Austin"), Reading, Mass.
Bridgeport Brass Co. ("Bridgeport," "Stapley," "Aeolius," "Atlas," "Windjammer," "Crown"), Bridgeport, Conn.
Brown Co. ("Virtue"), Syracuse, N. Y.
Carron A. M. Machine Co. (Electric), Penn & Barbeau, Pittsburgh, Pa.
Central Brass & Fixture Co., Springfield, Ohio
Cleveland Faucet Co. ("Champion"), Cleveland, O.
Codman & Shurtleff ("C. & S."), 120 Boylston, Boston, Mass.
Coe-Stapley Mfg. Co., Bridgeport, Conn.
Cox Brass Mfg. Co. ("Boss" & Handy"), Albany, N. Y.
Dudely Tool Co., Menominee, Mich.
Fero Elec. Air Pump Co., Wilkinsburg, Pa.
Fidelity Brass Mfg. Co., 1001 Wash. blvd, Chicago, Ill.
Gardner Governor Co., 14 Williamson, Quincy, Ill
General Utility Co., 1326 Ogden, Phila., Pa.
Gleason-Peters Air Pump Co. ("G.-P."), 384 Classon av, Brooklyn, N. Y.
Globe Mfg. Co. ("Dead Easy"), Battle Creek, Mich.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Guarantee Liquid Measure Co., 719 Farmers' Bank bldg, Pittsburgh, Pa.
Hale Elec. & Engng. Co., 1232 E 3d, Cleveland, O.
Hancock Mfg. Co., Charlotte, Mich.
Haney J. H. & Co. ("Rose"), Omaha, Neb.
Hartford Machine Screw Co., Hartford, Conn.
Herz & Co., 245 W 55th, New York
Imperial Brass Mfg. Co. ("Imperial-Wixon"), 524 S Racine av, Chicago, Ill.
See adv index at end of book
Ingersoll-Rand Co., 11 B'way, New York
Ingersoll Robt. H. & Bro. (Bicycle), 315 4th av, New York
Judd & Leland Mfg. Co. ("Eureka," "Triplex," "Columbia," "Hill," "Leland," "Tornado," "Cyclone," "Bonham," "Perfection," "Telescope," "Excelsior," "Victor," "J. & L. Special"), Clifton Springs, N. Y.
Kellogg Mfg. Co., Rochester, N. Y.
Kokomo Electric Co. ("Kingston"), Kokomo, Ind.
Krahn Mfg. Co., 598 Clinton, Milwaukee, Wis.
Lake Erie Mfg. Co. ("Bonheims Gatling"), Buffalo, N. Y.
Leader Iron Works (Electric), Decatur, Ill.
Lipman Air Appliance Co., Beloit, Wis.
Livermore Homer F., Inc. ("Austin" Bicycle & Motorcycle), 85 Pearl, Boston, Mass.
Manzel Bros. Co. (Auto Engine Driven), 315 Babcock, Buffalo, N. Y.
Mayo-Skinner Mfg. Co. ("Skinner"), 54 E 18th, Chicago, Ill.
Motor Car Supply Co. **("Windejammer"),** 1453 Michigan av, Chicago, Ill.
Noera Mfg. Co., Waterbury, Conn.
Osborne & Stephenson Mfg. Co. **("Carver"),** Plainville, Conn.
Peerless Acessories Mfrs., 1926 Wabash av, Chicago, Ill.
Post & Lester Co., Hartford, Conn.
Quimby Mfg. Co., 1700 Washington av, Minneapolis, Minn.
Rome Bicycle Mfg. Co. (Bicycle), Rome, N. Y.
Rose J. A. Mfg. Co., Hastings, Nebr.
St. Charles Specialty Mfg. Co. ("Jensen"), St. Charles, Ill.
Shawver Co. ("Springfield"), Springfield, O.
Star Brass Works ("Binks" Electric), 3114 Canal, Chicago, Ill.
Stevens & Co. ("Ultra"), 373 B'way, New York
Sunderland Mfg. Co. ("Pitner"), 600 W 22d, Chicago, Ill.
Taylor Mfg. Co., Detroit, Mich.
Troy Auto Specialty Co. ("Hanna" Power), Troy, N. Y.
Turner Brass Works ("Turner" Pressure, Floor Pump), Sycamore, Ill.
U. S. Elec. Tool Co., 6th & Mt. Hope av, Cincinnati, O.
Union Steam Pump Co. (Air Feed), Battle Creek, Mich.
Utility Compressor Co., 363 Harper av, Detroit, Mich.
Vaile-Klimes & Co., Dayton, O.
West Side Foundry Co., Troy, N. Y.
Waterbury Mfg. Co., Waterbury, Conn.
Werner-Service Mfg. Co., 263 Fairmount av, Jersey City, N. J.
Wissler A. ("E-Z," Automatic Automobile), B'way & Wash. av, St. Louis, Mo.

11797—*Pumps (Air & Water Combined)

Myers F. E. & Bro. ("Myers" Cog Gear), 800 Orange, Ashland, O.
See adv index at end of book
Vogt Bros. Mfg. Co., Louisville, Ky.

11798— Pumps (Alcohol)

Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Lummus Walter E. Co. ("Metrolift" Automatic), 173 Milk, Boston, Mass.
See adv index at end of book
Tokheim Mfg. Co., Cedar Rapids, Ia.

11799— Pumps (Ale & Beer)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
American Steam Pump Co., Battle Creek, Mich.
Apex Elec. Mfg. Co., 1410 W 59th, Chicago, Ill.
Automatic Electric Pump Co., Davenport, Ia.
Berner H. D. & Winterbauer Co., 4th av & 12th, New York
Bishop-Babcock-Becker Co., Cleveland, O.
Brown Beer Pump Co., 11 Chardon, Boston, Mass.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Eagle Beer Pump Co., 17 New Chambers, New York
Federal Brass Works, 3100 S Kedzie, Chicago, Ill.
Gardner Governor Co., 14 Williamson, Quincy, Ill.
Gottlieb I., 332 W 52nd, New York
Iowa Mfg. Co., Oskaloosa, Ia.
Janette Mfg. Co. (Automatic Electric), 617 W Jackson blvd, Chicago, Ill.
Liquid Carbonic Co., 3100 S Kedzie av, Chicago, Ill.
Lobee Pump & Machinery Co., Est., Buffalso, N. Y.
Mager C., 314 W 39th, New York
Miller John A., 600 Bergen av, New York
Mutual Beer Pump Co., 809 3d av, New York
Noe C., 492 E 167th, New York
Ohio Pump & Brass Co. ("Triumph"), Columbus, O.
Russ Co. ("Cleveland"), 5700 Walworth av, Cleveland, O.
Sarge Kurt, 224 E 80th, New York
Schneible C. A., 132 E 121st, New York
Strater Herman & Sons, 74 Sudbury, Boston, Mass.
Varwig Mfg. Co. ("Electric"), 120 Opera pl, Cincinnati, O.
Victor Electric Co. ("Victor"), Jackson Blvd & Robey, Chicago, Ill.

11800— Pumps (Aluminum)

Humphryes Mfg. Co., Mansfield, O.

11801— Pumps (Ammonia)

See also Pumps, Steam

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
American Steam Pump Co., Battle Creek, Mich.
BEACH-RUSS CO. 220 B'way, New York
See adv index at end of book
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
Columbus Iron Works, Columbus, Ga.
Davidson M. T. Co., 154 Nassau, New York
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Foster Pump Works, 36 Bridge, Brooklyn, N. Y.
Gas Machinery Co., 1900 Euclid av, Cleveland, O.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Guild & Garrison, 457 Kent av, Brooklyn, N. Y.
Luitwieler Pumping Engine Co., Rochester, N. Y.
Lummus Walter E. Co. ("Metrolift" Automatic), 173 Milk, Boston, Mass.
National Foundry & Machine Co., Louisville, Ky.
Union Steam Pump Co., Battle Creek, Mich.
Vogt Bros. Mfg. Co., Louisville, Ky.
See adv index at end of book
Wagener Steam Pump Co., Canton, O.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

11802—Pumps (Artesian Well)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
American Steam Pump Co., Battle Creek, Mich.
American Well Works, Aurora, Ill.
See adv index at end of book
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
Cook August D., Lawrenceburg, Ind.
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.
Davidson M. T. Co. (Horizontal & Vertical), 43 Keap, Brooklyn, N. Y.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DEMING CO., Salem, O.
See adv index at end of book
Epping-Carpenter Pump Co., ft. 43rd, Pittsburgh, Pa.
Fairbanks, Morse & Co. (Gas, Gasoline & Oil), 900 S Wabash av, Chicago, Ill.
Flint & Walling Mfg. Co., Kendallville, Ind.
Foster Pump Works, 36 Bridge, Brooklyn, N. Y.

Deming Hand and Power PUMPS

WORKING HEADS, CYLINDERS, ETC.

DEMING PUMPS THE WORLD'S BEST

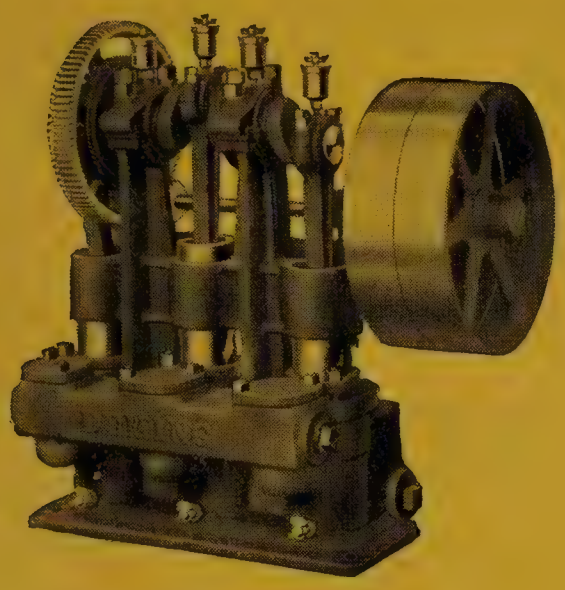


Fig. 50

Single Acting Triplex Power Pump for Boiler Feeding and General Water Supply. Capacities from 300 to 60,000 Gallons per Hour.

Whatever your pumping requirements may be—whether for use in the architectural, contracting, engineering, electrical, hardware, mechanical, mill, mining, quarrying, railroad, iron and steel and kindred industries, or for municipal service, etc.—you will find them fulfilled by the Deming line.

We make pumps for shallow and deep wells, for operation by gasoline engine, electric motor, windmill or hand, in hundreds of different styles and sizes.

Send us a statement of the conditions under which your pump will operate and we will gladly recommend the outfit best suited to your needs. Deming Pumps are **guaranteed. "We make good if they don't."**

Fig. 80

Power Working Head for Deep Wells. For Wells 540 Feet Deep or Less.

Information We Should Have:—

Source of supply; vertical elevation from surface of water to the pump; elevation from pump to point of discharge; kind of power available to drive the pump; purpose for which pump is to be used; approximate quantity of water required.

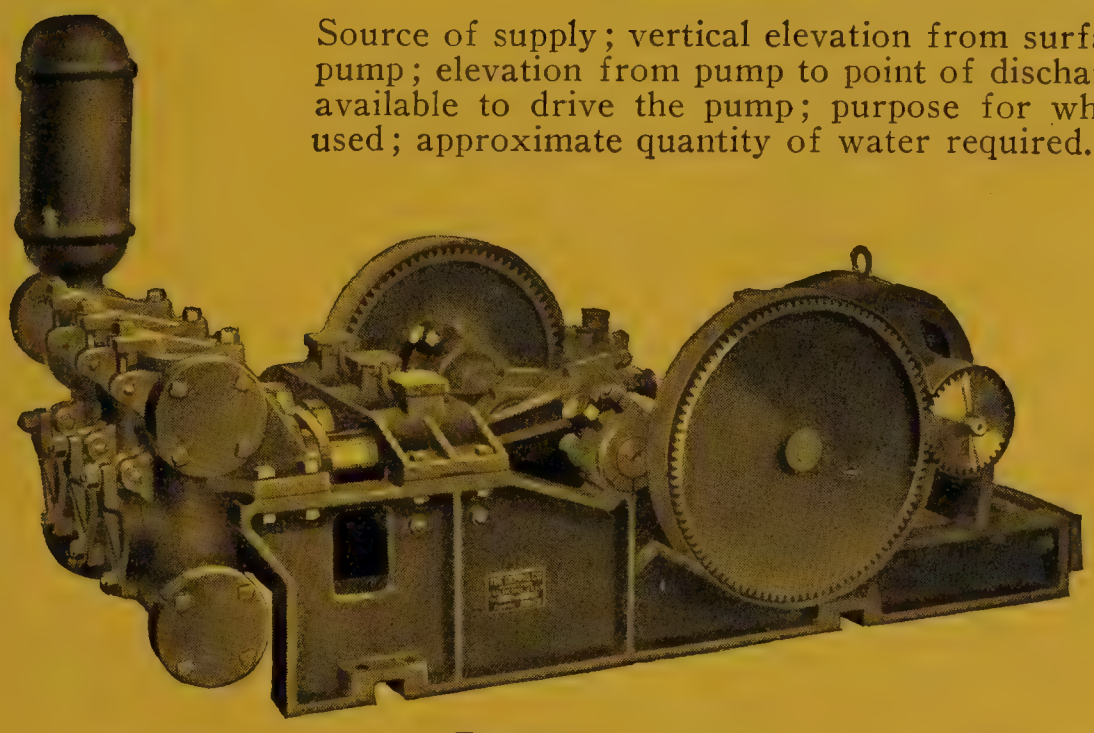


Fig. 73

Deming Mine Pump. One of Our Many Different Mine Pumps. Valves are Easily Accessible. Gears Are Carefully Guarded. Capacities from 3,000 to 9,000 Gallons per Hour.

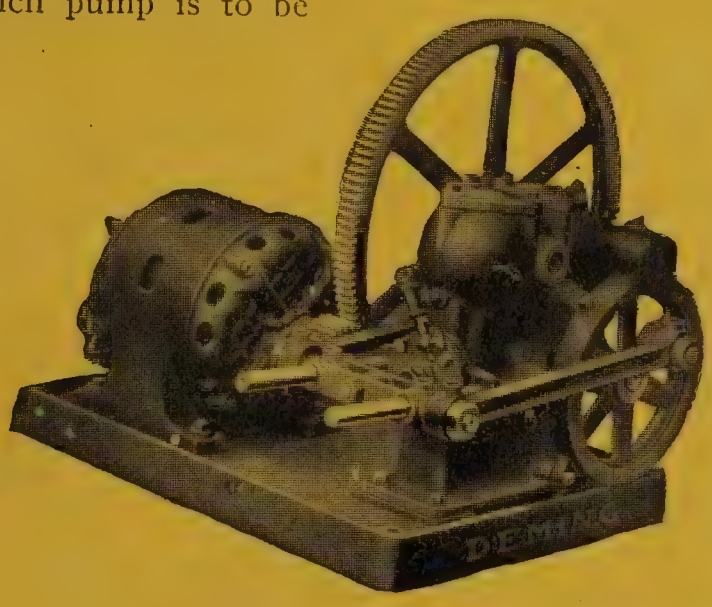


Fig. 691

"Atlas" Power Pump with Type "B" Drive. For General Water Supply and Hydro-pneumatic Water Systems. Made in Three Sizes with Capacities of 600, 1,200 and 2,500 Gallons per Hour.

The DEMING COMPANY, Salem, Ohio, U. S. A.

HAND AND POWER PUMPS FOR ALL USES

General Distributing Houses

NEW YORK CITY: Ralph B. Carter Co.
BOSTON: Chas. J. Jager Co.
PITTSBURGH: Harris Pump & Supply Co.
RICHMOND: Sydnor Pump & Well Co.
BUFFALO: Root, Neal & Co.
CHICAGO: Henion & Hubbell
SAN FRANCISCO: Simonds Machinery Co.
DENVER: Hendrie & Bolthoff Mfg. & Supply Co.
CHARLOTTE, N. C.: Realty Bldg.
DETROIT: Kerr Machinery, Engine & Supply Co.
PHILADELPHIA: W. B. Dallett Co.
OTHER AGENCIES IN ALL PRINCIPAL CITIES

PAGE 1669

ALPHABETICAL LIST

—*OF*—

TRADE NAMES,

BRANDS, TITLES OF IDENTIFICATION,

ETC.

THIS LIST FURNISHES A READY REFERENCE FOR PURCHASING AGENTS AND PROSPECTIVE BUYERS TO DISTINCTIVE PRODUCTS MANUFACTURED BY FIRMS LISTED IN THIS WORK.

Gardner Governor Co., 14 Williamson, Quincy, Ill.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Hill Pump Co., Anderson, Ind.
Humphryes Mfg. Co., Mansfield, O.
Jarecki Mfg. Co., Erie, Pa.
KEYSTONE DRILLER CO. ("Downie"), Beaver Falls, Pa.
Luitwieler Pumping Engine Co., Rochester, N. Y.
National Steam Pump Co., Upper Sandusky, O.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Platt Iron Works Co., Dayton, O.
Rider-Ericsson Engine Co., 20 Murray, New York
Rumsey Pump Co., Box J, Seneca Falls, N. Y. *See adv index at end of book*
Standard Pump & Engine Co., Akron, O.
Union Steam Pump Co., Battle Creek, Mich.
U. S. Wind Engine & Pump Co., Batavia, Ill.
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

11803— Pumps (Automatic)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
American Steam Pump Co., Battle Creek, Mich.
BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Blake Pump & Condenser Co. (Automatic Pumps & Receivers), Fitchburg, Mass.
Dean Bros. Steam Works, 327 W 10th, Indianapolis, Ind.
DEMING CO., Salem, O.
See adv index at end of book
Economy Pumping Machy. Co. (& Electric), 116 N Carpenter, Chicago, Ill.
Gardner Governor Co., 14 Williamson, Quincy, Ill.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Hartford Machine Screw Co. ("Master" Garage Power Tire), Hartford, Conn.
Luitwieler Pumping Engine Co., Rochester, N. Y.
Lummus Walter E. A. Co. ("Metrolift" Automatic), 173 Milk, Boston, Mass.
Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwalk, Conn.
National Transit Pump & Machine Co. (Automatic Pumps & Receivers), Oil City, Pa. *See adv index at end of book*
National Water Lift Co. ("National" for Residential Purposes), Kalamazoo, Mich.
Platt Iron Works Co. (Automatic Pump & Receiver), Dayton, O.
Quimby Wm. E. (Inc.), 548 W 23rd, New York
Standard Pump & Engine Co., Akron, O.
Twinvolute Pump & Mfg. Co. ("Twinvolute"), 55 William, New York
Union Steam Pump Co., Battle Creek, Mich.
WORTHINGTON PUMP & MACHY. CORP. (Automatic Feed Pumps & Receivers), 115 B'way, New York
See adv index at end of book

11804— Pumps (Automobile)

See also Pumps, Air, Tire; also Pumps, Circulating
Advance Machinery Co. (Tire), Toledo, O.
Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
American Electric Air Pump Co. (Garage Air), Penn & Barbeau, Pittsburgh, Pa.
American Steam Pump Co., Battle Creek, Mich.
Automatic Electric Pump Co., Davenport, Ia.
Cincinnati Lubricant Pump Co., Cincinnati, O.
DEMING CO., Salem, O.
See adv index at end of book
DUNNING & BOSCHERT PRESS CO., INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Goulds Mfg. Co. (Tire & Tank), 71 W Fall, Seneca Falls, N. Y.
See adv index at end of book
Hill Pump Valve Co. (Tire, "Utility"), Archer av, Canal & 23d, Chicago, Ill.
Howell W. H. Co., Geneva, Ill.
Lobee Pump & Machinery Co., East Buffalo, N. Y.
LUNKENHEIMER CO. Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Manzel Bros. Co. (Auto Engine Driver), 315 Babcock, Buffalo, N. Y.
National Gauge & Equipment Co. ("National"), La Crosse, Wis.
See adv index at end of book
Noera Mfg. Co., Waterbury, Conn.
Oberdorfer M. L. Brass Co., 810 E Water, Syracuse, N. Y.
Rose J. A. Mfg. Co., Hastings, Neb.
Stewart-Warner Speedometer Corp. (Tire, Power Driven), 1826 Diversey Parkway, Chicago, Ill.
Taylor Mfg. Co., Detroit, Mich.
Union Steam Pump Co. (Air Feed), Battle Creek, Mich.
Victor Electric Co. (Tire), Jackson Boul & Robey, Chicago, Ill.
Ward Pump Co. ("Ward" Double Cylinder Air), Rockford, Ill.
West Side Foundry Co., Troy, N. Y.

11805—*Pumps (Ball Valve)

National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*

11806— *Pumps (Ballast)

Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
DE LAVAL STEAM TURBINE CO. (Centrifugal), East Trenton, N. J.
See adv index at end of book
National Transit Pump & Machine Co., Oil City, Pa.
See adv index at end of book
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

11807— Pumps (Barrel)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
Aldrich Mfg. Co. (All Copper), Buffalo, N. Y.
BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Beman Automatic Oil Can Co. ("Beman," Rotary, for Transferring Oil from Barrel to Tank), Meadville, Pa.
DEMING CO., Salem, O.
See adv index at end of book
Friend Mfg. Co., Gasport, N. Y.
Monarch Mfg. Co., Council Bluffs, Ia.
Myers F. E. & Bro., 800 Orange, Ashland, O. *See adv index at end of book*
Ray Geo. A. Mfg. Co. (All Copper), Buffalo, N. Y.
Sexton Can Co. ("Sexton" Rotary), 228 Franklin, Boston, Mass.
Trahern Pump Co. (Rotary), Rockford, Ill.

Pumps (Beer)

See Pumps, Ale & Beer

11808—Pumps (Belt-Driven)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
ALDRICH PUMP CO., Allentown, Pa.
See adv index at end of book
American Steam Pump Co., Battle Creek, Mich.
American Well Works, Aurora, Ill.
See adv index at end of book
BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
Carbondale Machine Co., Carbondale, Pa.
Columbiana Pump Co., Columbiana, O.
Davidson M. T. Co., 154 Nassau, New York
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DE LAVAL STEAM TURBINE CO. (Centrifugal), East Trenton, N. J.
See adv index at end of book
DEMING CO., Salem, O.
See adv index at end of book
Dubois Iron Works, Dubois, Pa.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
French Oil Mill Machinery Co., Piqua, O.
Gardner Governor Co., 14 Williamson, Quincy, Ill.
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.
Johnson John Co., 203 37th, B'klyn, N. Y.
Kewanee Private Utilities Co. ("Kewanee"), West Side, Kewanee, Ill.
Kinney Mfg. Co., 3541 Washington, Boston, Mass.
Lobee Pump & Machinery Co., East Buffalo, N. Y.
Morris Machine Works, Baldwinsville, N. Y.
MYERS F. E. & BRO. (Bulldozer), 800 Orange, Ashland, O.
See adv index at end of book
Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwalk, Conn.
National-Standard Co., Box 211, Niles, Mich.
National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*
Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.
Quimby Wm. E. (Inc.), 548 W 23d, New York
Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y. *See adv index at end of book*
Standard Pump & Engine Co., Akron, O.
Union Steam Pump Co., Battle Creek, Mich.
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

Pumps (Bicycle)

See Pumps, Air Tire

11809— Pumps (Bilge)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
Abendroth G. Irving Co. (Spiral or Straight Riveted), 10 E 43d, New York
Abendroth & Root Mfg. Co. (Spiral Riveted), Newburgh, N. Y.
American Cement Machine Co. ("American"), Keokuk, Ia.
American Well Works, Aurora, Ill.
See adv index at end of book
Bishop's Wm. Sons (Brass & Copper), 18 James, New York
Blackmer Rotary Pump Co., Petoskey, Mich.
Blakeslee Mfg. Co., Du Quoin, Ill.
C. H. & E. Mfg. Co. ("C. H. & E." Portable Power Driven), 384 Clinton, Milwaukee, Wis.
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
Chicago Automatic Switch Co. (Float), 212 N Peoria, Chicago, Ill.
Chicago Pump Co. (Automatic, Electric), 906 W Lake, Chicago, Ill.
See adv index at end of book
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DE LAVAL STEAM TURBINE CO. (Centrifugal), East Trenton, N. J.
See adv index at end of book
DEMING CO., Salem, O.
See adv index at end of book
Durkee Chas. D. & Co. ("Crescent"), 2 South, New York
Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.
Epping-Carpenter Pump Co., ft. 43rd, Pittsburgh, Pa.
Fairbanks, Morse & Co. (Diaphragm), 900 S Wabash av, Chicago, Ill.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Humphryes Mfg. Co., Mansfield, O.
Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.
Kinney Mfg. Co. ("Kinney"), 3541 Washington, Boston, Mass.
Laughlin Thos. Co. (& Yacht), Portland, Me.
Lobee Pump & Machinery Co., East Buffalo, N. Y.
Merritt Hydraulics Co. (Priestman"), 110 N Broad, Phila., Pa.

PUMPS (BILGE)—continued

Monarch Valve Co. ("Monarch" Rotary), 112 Front, B'klyn, N. Y.

Morris Machine Works, Baldwinsville, N. Y.

MYERS F. E. & BRO. ("Myers" Low Down), 800 Orange, Ashland, O.
See adv index at end of book

National Mfg. Co. ("Johnson" & "Natwire"), Worcester, Mass.

National Marine Lamp Co., Forestville, Conn.

National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*

Platt Iron Works Co., Dayton, O.

Quimby Wm. E., 548 W 23d, New York

Rawles J. D. Co. ("Aaron" Automatic), 74 Pearl, Boston, Mass.

Rumsey Pump Co. (Ltd.), (Ships, Main & Bilge), Box J, Seneca Falls, N. Y.
See adv index at end of book

Sands Alfred B. & Son Co., 20 Vesey, N. Y.

Trimount Rotary Power Co. ("Trimount" Rotary Hand), 18 Heath, Boston, Mass.

Twinvolute Pump & Mfg. Co. ("Twinvolute"), 55 William, New York

Union Steam Pump Co., Battle Creek, Mich.

Vogt Bros. Mfg. Co., Louisville, Ky.
See adv index at end of book

Wagener Steam Pump Co., Canton, O.

Wilcox, Crittenden & Co. ("Nutmeg"), Middletown, Conn.

Wood R. D. & Co., 400 Chestnut, Phila., Pa.

WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

Yeomans Bros. Co. ("Yeomans" Automatic Electric), 231 Institute pl, Chicago, Ill.

11810—Pumps (Boiler Feed)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.

American Steam Pump Co., Battle Creek, Mich.

American Well Works, Aurora, Ill.
See adv index at end of book

Baragwanath Wm. & Son, 53 W Jackson blvd, Chicago, Ill.

Berry Engineering Co. ("Berry"), Chester, Pa.

Binghamton Mach. Works, Binghamton, N. Y.

Bishop's Wm. Sons (Brass & Copper), 18 James, New York

Blake Pump & Condenser Co. ("Duplex" & Single), Fitchburg, Mass.

Blakeslee Mfg. Co., Du Quoin, Ill.

Boyts, Porter & Co. (Double Plunger), Connellsville, Pa.

Buffalo Steam Pump Co., Buffalo, N. Y.

Burton & Johnson Co., 2301 Center av, Cleveland, O.

CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book

Chicago Pump Co., 904 W Lake, Chicago, Ill. *See adv index at end of book*

Clot & Crist Mach. Co., 940 Bryant, San Francisco, Cal.

Connor W. B., Inc., 90 West, New York

Crawford & McCrimmon Co., Brazil, Ind.

Davidson M. T. Co., 43 Keap, Brooklyn, N. Y.

Davis I. B. & Son, Hartford, Conn.

Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.

DE LAVAL STEAM TURBINE CO. (Centrifugal), East Trenton, N. J.
See adv index at end of book

DEMING CO. (Hand and Power), Salem, O. *See adv index at end of book*

Douglas W. & B., Middletown, Conn.

Dubois Iron Works, Dubois, Pa.

Epping-Carpenter Pump Co., ft. 43rd, Pittsburgh, Pa.

Evans C. H. & Co. ("Thomson & Evans"), 187 Fremont, San Francisco, Cal.

Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.

Foster Pump Works, 36 Bridge, Brooklyn, N. Y.

Gardner Governor Co., 14 Williamson, Quincy, Ill.

Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*

Great Lakes Engineering Works, Detroit, Mich.

Hall Steam Pump Co., 213 Galveston, Pittsburgh, Pa.

Hill Pump Co., Anderson, Ind.

Jamieson M. W. & Co., Warren, Pa.

Kelley Benj. F. & Son (Economical Boiler & Tank Feed Pumps), 25 Church, New York

Kruger & Blind Co., 511 Master, Phila., Pa.

Lucey Manufacturing Corp., 233 B'way, New York
For branch offices see Alphabetical Section

Luitwieler Pumping Engine Co., Rochester, N. Y.

McGowan Jno. H. Co., 52 Central av, Cincinnati, O.

Manistee Iron Works Co., Manistee, Mich.

Myers F. E. & Bro. ("Myers"), 800 Orange, Ashland, Ohio
See adv index at end of book

Nash Engineering Co. ("Nash," Hydro-Turbine), South Norwalk, Conn.

National Foundry & Machine Co., Louisville, Ky.

National Steam Pump Co., Upper Sandusky, O.

NATIONAL TRANSIT PUMP & MACHINE CO., Oil City, Pa.
See adv index at end of book

Noye Bros. Co. (Run by Belt), Buffalo, N. Y.

Oil Well Supply Co., 215 Water, Pittsburgh, Pa.

Oram John S. Co., Cleveland, O.

Pattin Bros. Co., Marietta, O.

Platt Iron Works Co. (Either Single, Duplex, Compound Triplex or Fly Wheel), Dayton, O.

Pratt Engineering & Machine Co., Atlanta, Ga.

Reliance Machine & Tool Works ("Hooker"), Channing & Franklin avs, St. Louis, Mo.

Rock River Machine Co., Janesville, Wis.

RUMSEY PUMP CO. (Ltd.), Box J, Seneca Falls, N. Y. *See adv index at end of book*

Scranton Pump Co., Scranton, Pa.

Stewart Heater Co., Buffalo, N. Y.

Trahern Pump Co. (On Bed Plate), Rockford, Ill.

Union Steam Pump Co., Battle Creek, Mich.

VOGT BROS. MFG. CO., Louisville, Ky.
See adv index at end of book

Walsh & Weidner Boiler Co., Chattanooga, Tenn. *See adv index at end of book*

Warren Steam Pump Co., Warren, Mass.

Weinman Pump Mfg. Co., 300 Spruce, Columbus, O.

Weir & Craig Mfg. Co., 2421 Wallace, Chicago, Ill.

WESTINGHOUSE ELECTRIC & MFG. CO. (Centrifugal), East Pittsburgh, Pa.
See adv index at end of book

Wheeler C. H. Mfg. Co., Lehigh & N 18th, Phila., Pa.

Wilson-Snyder Centrifugal Pump Co., 2 Ross, Pittsburgh, Pa.

Witt G. E. Co., 862 Howard, San Francisco, Cal.

Woodard Machine Co., Wooster, O.

WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

11811—Pumps (Boiler Testing)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.

American Steam Pump Co., Battle Creek, Mich.

Buckeye Iron & Brass Works (Hydraulic), Dayton, O.

Cleveland Steam Gauge Co., 1108 W 9th, Cleveland, O.

Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.

Dake Engine Co., Grand Haven, Mich.

Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.

DEMING CO., Salem, O.
See adv index at end of book

Douglas W. & B., Middletown, Conn.

Dudgeon Richard (Hydraulic), 24 Columbia, New York

Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*

Henderer's A. L. Sons, Wilmington, Del.

Lovejoy Tool Works, 319 W Ohio, Chicago, Ill.

National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*

Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y. *See adv index at end of book*

11812— Pumps (Bracket)

Davis-Hansen Co., Oshkosh, Wis.

Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.

11813— Pumps (Brass)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.

Barnes Mfg. Co., Mansfield, O.

BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book

Bishop's Wm. Sons, 18 James, New York

Bridgeport Brass Co., Bridgeport, Conn.

Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.

Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.

DE LAVAL STEAM TURBINE CO., (Centrifugal), East Trenton, N. J.
See adv index at end of book

DEMING CO. (Also Iron), Salem, O.
See adv index at end of book

Douglas W. & B., Middletown, Conn.

Federal-Huber Co., 234 N Halsted, Chicago, Ill.

Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*

Haydenville Co., Haydenville, Mass.

Humphryes Mfg. Co., Mansfield, O.

Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.

Lobee Pump & Machinery Co., East Buffalo, N. Y.

McDonald A. Y. Mfg. Co., Dubuque, Ia.

Morris Machine Works, Baldwinsville, New York

Myers F. E. & Bro., 800 Orange, Ashland, O. *See adv index at end of book*

Nash Engineering Co. ("Nash," Hydro-Turbine), South Norwalk, Conn

Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y. *See adv index at end of book*

Union Steam Pump Co., Battle Creek, Mich.

Van Wie Pump Co., 715 W Fayette, Syracuse, N. Y.

VOGT BROTHERS MFG. CO., Louisville, Ky. *See adv index at end of book*

11814— Pumps (Brewery)

See also Pumps, Steam

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mch.

American Steam Pump Co., Battle Creek, Mich.

Automatic Electric Pump Co., Davenport, Ia.

BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book

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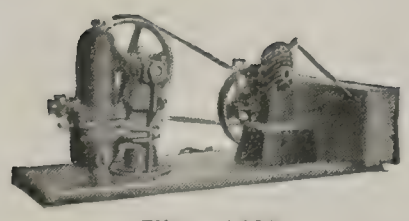


Fig. 1695
Outfit "N"

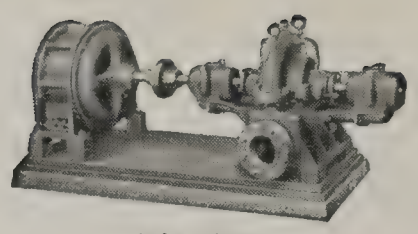


Fig. 3030

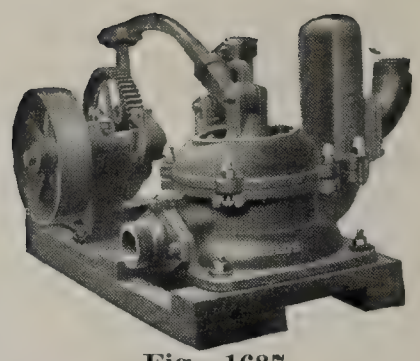


Fig. 1687

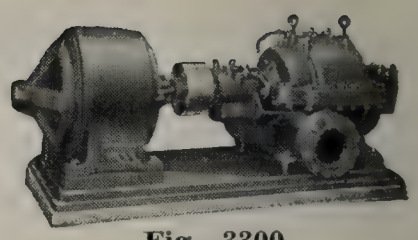


Fig. 3300

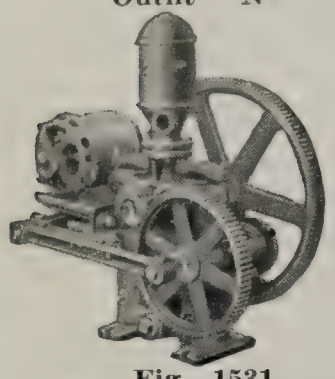


Fig. 1531
Form "Q" Drive

GOULDS PUMPS
FOR EVERY SERVICE

THE GOULDS MANUFACTURING CO.
SENECA FALLS, N. Y.

BRANCHES

Boston	New York	Philadelphia	Chicago
58 Pearl St.	16 Murray St.	111 No. Third St.	12-14 S. Clinton St.
Pittsburgh		**Atlanta**	**Houston**
636 Henry Woliver Bldg.		3rd Natl. Bk. Bldg.	1001 Carter Bldg.

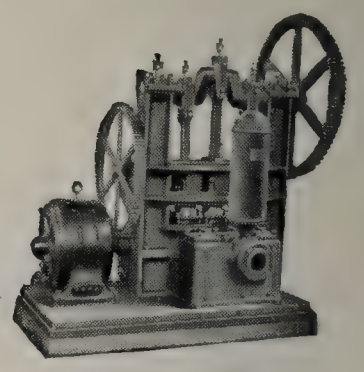


Fig. 1009
Form "C" Drive

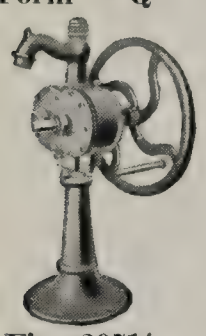


Fig. 297½

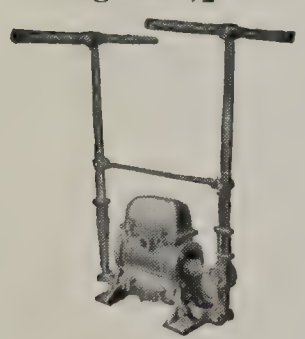


Fig. 562

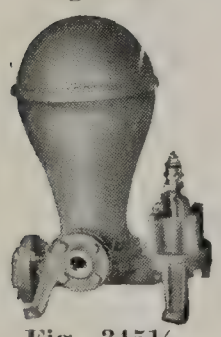


Fig. 345½

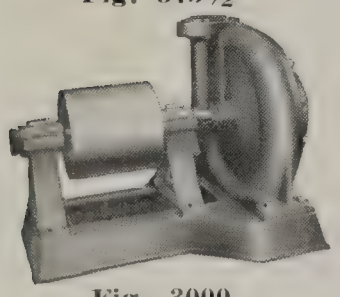


Fig. 3000

A Few of the Many Services for Which GOULDS PUMPS Are Built

- Feeding Boilers, Pumping Sumps
- Operating Hydraulic Elevators
- Municipal Water Works
- Refrigerating Systems
- House Service in Hotels, Apartment House and Office Buildings
- Handling Milk, Cider, Vinegar, Wines and Other Liquid Products
- Filling Thresher Tanks
- Overhead Sprinkler Systems
- Pneumatic and Gravity Water Supply Systems
- Tank Pumping in Mills, Bleacheries, Dyehouses, Tanneries, Refineries, Breweries, etc.
- Oil Pipe Lines
- Fire Service
- Irrigation
- Emptying and Filling Oil Tank Cars
- Handling Heavy Liquids, such as Tar, Soap, Mud, Tan Liquors, Chemicals, Sewage, etc.
- Circulating Brine
- Circulating Hot Water in Heating Systems
- Unwatering Mines
- Pumping Bilge
- Handling Pulp and Stuff in Paper Mills
- Pumping Size in Textile Mills
- Vacuum Heating Systems
- Booster Service
- Hydraulic and Filter Presses
- Pumping out Excavations

Being the world's largest manufacturers of pumps for *every service*, we are able to supply you with the best pump for *each* service, and to guarantee that pump to satisfactorily do the work for which we sell it.

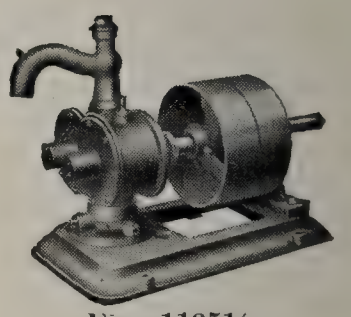


Fig. 1185½

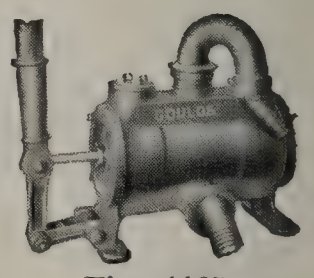


Fig. 1465

Fig. 205½

Fig. 1580

Fig. 1654

Fig. 1440

Fig. 1680

Fig. 1409

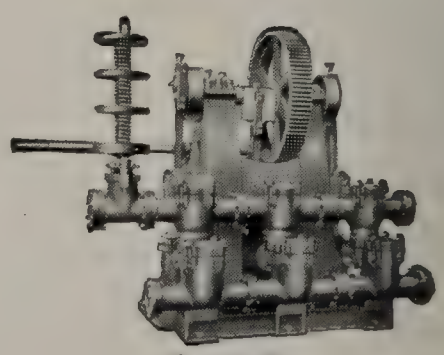


Fig. 1585

CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
Davidson M. T. Co., 154 Nassau, New York
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DE LAVAL STEAM TURBINE CO. (Centrifugal), East Trenton, N. J.
See adv index at end of book
Economy Pumping Machinery Co., 116 N Carpenter, Chicago, Ill.
Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.
Gardner Governor Co., 14 Williamson, Quincy, Ill.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Lobee Pump & Machinery Co., East Buffalo, N. Y.
Northwestern Copper & Brass Works, 59 W 3d, St. Paul, Minn.
Pulsometers Steam Pump Co., 220 W 42nd, New York
Taber Pump Co. ("Taber" Centrifugal), Buffalo, N. Y.
Vogt Bros. Mfg. Co., Louisville, Ky.
See adv index at end of book

11815— Pumps (Brine)

See Also Pumps, Steam

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
American Steam Pump Co., Battle Creek Mich.
American Well Works, Aurora, Ill.
See adv index at end of book
Aterite M. H. Co., Inc., 55 John, New York
BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
See adv index at end of book
DEMING CO., Salem, O.
See adv index at end of book
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Gardner Governor Co., 14 Williamson, Quincy, Ill.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.
Lobee Pump & Machinery Co., East Buffalo, N. Y.
Morris Machine Works, Baldwinsville, N. Y.
National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*
Platt Iron Works Co., Dayton, O.
Quimby Wm. E. (Circulating), 548 W 23d, New York
Twinvolute Pump & Mfg. Co. ("Twinvolute"), 55 William, New York
Union Steam Pump Co., Battle Creek, Mich.
Vogt Bros. Mfg. Co., Louisville, Ky.
See adv index at end of book
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

11816— Pumps (Bucket)

Biggs B. F. Pump Co. ("Boss"), Lafayette, Ind.
Butler Mfg. Co., Kansas City, Mo.
Cedar Rapids Pump Co., Cedar Rapids, Ia.
Cincinnati Pump Co., Liberty & Clay, Cincinnati, O.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Star Bucket Pump Co. ("Star"), 1218 W 15th, St. Louis, Mo.

11817— Pumps (Cam)

Luitwieler Pumping Engine Co., Rochester, N. Y.

Trimount Rotary Power Co. ("Trimount" Rotary), 18 Heath, Boston, Mass.

11818— Pumps (Centrifugal)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
ALBERGER PUMP & CONDENSER CO. (Steam or Motor Driven), 140 Cedar, New York
ALLIS-CHALMERS MFG. CO. (Multistage High Lift), Milwaukee, Wis.
See adv index at end of book
American Steam Pump Co., Battle Creek, Mich.
American Well Works, ("American") Aurora, Ill. *See adv index at end of book*
Appleton Machine Co., Appleton, Wis.
Atlas Engng. Co., 3009 Lisbon av, Milwaukee, Wis.
Barnes Mfg. Co., Mansfield, O.
BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Bean Spray Pump Co., San Jose, Cal.
Black-Clawson Co., Hamilton, O.
Bowser S. F. & Co., Fort Wayne, Ind.
Bucyrus Co. (Dredging), S Milwaukee, Wis.
Buffalo Steam Pump Co., Buffalo, N. Y.
Burroughs Chas. Co., 141 Commerce, Newark, N. J.
C. H. & E. Mfg. Co. ("C. H. & E." Mounted Complete, Direct Connected), 384 Clinton, Milwaukee, Wis.
CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
Centrifugal Pump Co., 434 Canal, New York
Channon H. Co. ("Channon"), 150 N Market, Chicago, Ill.
Charleston Iron Works, Charleston, S. C.
Clot & Crist Machine Co., 940 Bryant, San Francisco, Cal.
Coppers Equipment & Engineering Co. (High Pressure), Worcester, Mass.
Davis-Johnson Mfg. Co., 4518 Lexington, Chicago, Ill.
Dayton-Dick Co. ("Dayton"), Quincy, Ill.
DE LAVAL STEAM TURBINE CO. (Centrifugal), East Trenton, N. J.
See adv index at end of book
Douglas W. & B., Middletown, Conn.
Duriron Castings Co. ("Duriron" Acid Metal), Dayton, O.
D'Oiler Centrifugal Pump & Machine Co., 1421 Chestnut, Phila., Pa.
Earle Gear & Machine Co., Stenton & Wyoming avs, Philadelphia, Pa.
Economy Pumping Machinery Co. (Belted or Electric Driven), 116 N Carpenter, Chicago, Ill.
ELLICOTT MACHINE CORP., Bush & Severn, Baltimore, Md.
See adv index at end of book
Emerson Mfg. Co., Lawrence, Mass.
Erie Pump & Engine Works, Inc. ("Erie"), 141 Glenwood av, Medina, N. J.
See adv index at end of book
Erwin & Co., 3736 Cottage Grove av, Chicago, Ill.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Fresno Agricultural Works, Fresno, Cal.
Fulton Mach. & Vise Co. ("Fulton," Belt & Motor Driven), Lowville, N. Y.
Galena Iron Works Corp., Galena, Ill.
Garratt W. T. & Co., 299 Fremont, San Francisco, Cal.

GOULDS MFG. CO., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Great Lakes Engineering Works (Large Capacity), Detroit, Mich.
Greaves Specialty Co., 44 E 23d, New York
Haslehurst W. W., 2122 Folsom, San Francisco, Cal.
Hill Pump Co. (Vertical Thrust), Anderson, Ind.
Humphryes Mfg. Co., Mansfield, O.
Hunt Rodney Machine Co., Orange, Mass.
Imperial Brass Mfg. Co. (Circulating), 524 S Racine av, Chicago, Ill.
See adv index at end of book
Jackson, Byron Iron Works, Berkeley, Cal.
Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.
Kansas City Hay Press Co. ("Lightning"), Kansas City, Mo.
KEYSTONE DRILLER CO. ("Downnie"), Beaver Falls, Pa.
Kiefer Karl Machine Co. (Bronze), 919 Martin, Cincinnati, O.
Kingsford Foundry & Machine Works, Oswego, N. Y.
Krogh Mfg. Co., 147 Beale, San Francisco, Cal.
Lawrence Machine Co. ("Lawrence"), 40 Island, Lawrence, Mass.
Lawrence Pump & Engine Co. ("Vortex," Single & Multiple Stage Electric, Engine & Belt Driven), Lawrence, Mass.
Layne & Bowler Corp. ("Layne"), Los Angeles, Cal.
Lea-Courtenay Co., 5 Main, Newark, N. J.
Lipman Mfg. Co., Beloit, Wis.
Lobee Pump & Machinery Co., East Buffalo, N. Y.
Lloyd A., Erie, Pa.
Lucey Manufacturing Corp., 233 B'way, New York
For branch offices see Alphabetical Section
McEwen Bros., Wellsville, N. Y.
Maine Iron Works, 2036 Dominick, Chicago, Ill.
Manistee Iron Works Co. ("Roturbo"), Manistee, Mich.
Meese & Gottfried Co. ("Butters"), 660 Mission, San Francisco, Cal.
Mills Machine Co., Lawrence, Mass.
Moore & White Co., N 15th & Lehigh, Phila., Pa.
Morris I. P. Co., Beach & Ball, Phila., Pa.
Morris Machine Works, Baldwinsville, N. Y.
Nash Engineering Co., South Norwalk, Conn.
Norbom Engng. Co., Denckla bldg, Phila., Pa.
Novo Engine Co., Lansing, Mich
Oliver Continuous Filter Co. ("Oliver"), 503 Market, San Francisco, Cal., & 299 Madison av, New York
Patterson Foundry & Machine Co., East Liverpool, O.
Platt Iron Works Co., Dayton, O.
Portage Lake Foundry & Machine Co. (For Mines), Hancock, Mich.
Potts C. & A. & Co., Indianapolis, Ind.
Price G. W. Pump & Engine Co., 33 Stevenson, San Francisco, Cal.
Quintard Iron Works Co., 742 E 12th, New York
Reliance Machine & Tool Works, Channing & Franklin avs, St. Louis, Mo.
Rider-Ericsson Engine Co. ("Recco," Electric), 20 Murray, New York
Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y. *See adv index at end of book*
Samson Iron Works ("Samson"), Stockton, Cal.
San Antonio Machine & Supply Co. ("Samsco"), San Antonio, Tex.
Schramm Chris D. & Son (On Hand Trucks), 308 N 4th, Phila., Pa.
Scranton Pump Co., Scranton, Pa.
Southwark Foundry & Machine Co., 430 Washington av, Phila., Pa.
Strait H. N. Mfg. Co., Kansas City, Kans.
Swaby Mfg. Co., 2010 Marshall blvd, Chicago, Ill.
Termaat & Monahan Mfg. Co. (Gasoline or Kerosene Direct Connected), Oshkosh, Wis.
Tips Foundry & Machine Co., Austin, Tex.
Toledo Foundry & Machine Co. (Sand), Toledo, O.
Union Steam Pump Co., Battle Creek, Mich.
United Iron Works ("Eclipse" & Step Pressure), Oakland, Cal.
Van Wie Pump Co., 715 W Fayette, Syracuse, N. Y.
Weinman Pump Mfg. Co., 300 Spruce, Columbus, O.
WESTINGHOUSE ELECTRIC & MFG. CO, (High & Low Head), East Pittsburgh, Pa. *See adv index at end of book*
WHEELER CONDENSER & ENGINEERING CO. ("Wheeler"), Carteret, N. J.
See adv index at end of book

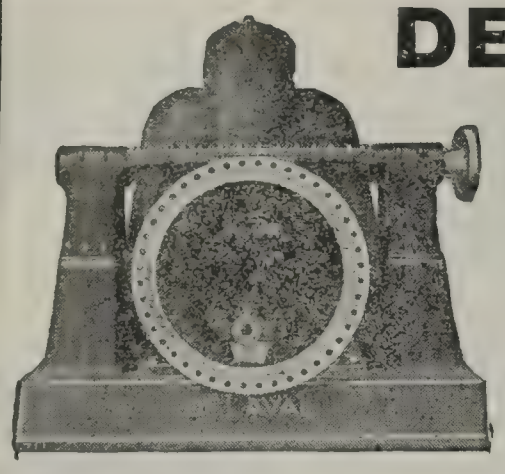
PUMPS

Wheeler Centrifugal Pumps are built in all sizes for all purposes. They are of the latest split-casing, high efficiency, bronze fitted construction.

Send rough sketch showing your layout and give as much additional information as possible. We will then be able to quote promptly and intelligently.

WHEELER CONDENSER & ENGINEERING CO.
Carteret, New Jersey

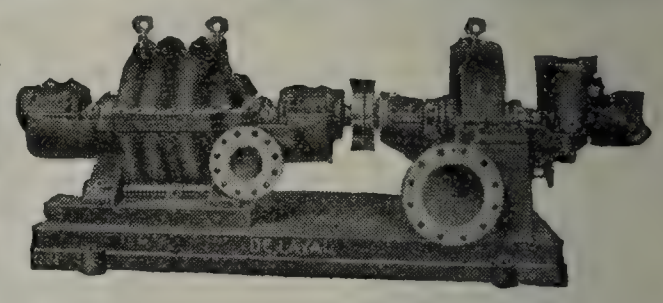
Whitman Agricultural Co., 7000 S B'way St. Louis, Mo.
Wilson-Snyder Centrifugal Pump Co. 2 Ross, Pittsburgh, Pa.
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book



DE LAVAL CENTRIFUGAL PUMPS

are built for all capacities, all heads, and all classes of service. They are made both single-stage and multi-stage and with horizontal and vertical shafts. They are so constructed that all internal parts are accessible for inspection or replacement upon lifting the casing cover and without disturbing suction or discharge connections.

All parts subject to wear are made to limit gages on an interchangeable basis and are quickly and easily renewable. Efficiencies are guaranteed, and every pump is tested at the factory and a copy of the test report is supplied to the purchaser.



De Laval Steam Turbine Co., East Trenton, N.J.

PUMPS (CENTRIFUGAL)—continued

Yoemans Bros. Co., 231 Institute pl, Chicago, Ill.
YUBA MANUFACTURING CO., Marysville, Cal., & 433 California, San Francisco, Cal.
Zin-ho Mfg. Co., 1323 S Michigan, Chicago, Ill.

11819—Pumps (Centrifugal, Deep Well)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
KEYSTONE DRILLER CO. ("Downie"), Beaver Falls, Pa.

11820—Pumps (Centrifugal, Water Tank)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Brown & Sharpe Mfg. Co., Providence, R. I.
Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.
ROPER C. F. & CO. ("Roco"), Hopedale, Mass. *See adv index at end of book*

11821— Pumps (Chain)

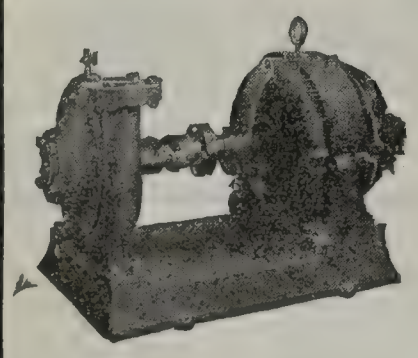
Biggs B. F. Pump Co. ("Biggs Noiseless), Lafayette, Ind.
Bushnell Pump Co., Bushnell, Ill.
Butler Mfg. Co., Kansas City, Mo.
Cedar Rapids Pump Co., Cedar Rapids, Ia.
Ferguson Mfg. Co. ("Kegler" Anti-Freezing), Dubuque, Ia.
Pfender Bros., Evansville, Ind.
Rich Pump Co., South & Depot, Cincinnati, O.
Star Bucket Pump Co., 1218 N 15th, St. Louis, Mo.
Temple Mfg. Co., N 22d & S 54th, Chicago, Ill.
Ward Pump Co. ("Ward"), Rockford, Ill.
Wyckoff A. & Son Co., Elmira, N. Y.

11822—*Pumps (Chemical Plant)

BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Johnson John Co., 203 37th, B'klyn, N. Y.
Lummus Walter E. Co., 173 Milk, Boston, Mass.
National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*

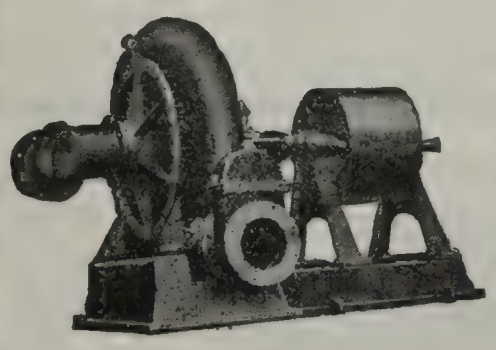
11823— Pumps (Circulating)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
American Steam Pump Co., Battle Creek, Mich.
BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Bowser S. F. & Co., Ft. Wayne, Ind.
Brennan Motor Mfg. Co., Syracuse, N. Y.
Brown & Sharpe Mfg. Co., Providence, R. I.
Buffalo Steam Pump Co., Buffalo, N. Y.
Byrne Kingston & Co. ("Kingston"), Kokomo, Ind.
CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
Chicago Pump Co., 904 W Lake, Chicago, Ill. *See adv index at end of book*
Cincinnati Lubricant Pump Co., Cincinnati, O.
Connor W. B., Inc., 90 West, New York
Crestline Mfg. Co. ("Crestline"), Crestline, Ohio
Davidson M. T. Co., 154 Nassau, New York
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DE LAVAL STEAM TURBINE CO., (Centrifugal), East Trenton, N. J.
See adv index at end of book
DEMING CO., Salem, O.
See adv index at end of book
Dubois Iron Works, Dubois, Pa.
Essex G. B. Brass Co., Detroit, Mich.
Evans C. H. & Co. ("Evans" Combined Air & Circulating), 187 Fremont, San Francisco, Cal.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Gardner Governor Co., 14 Williamson, Quincy, Ill.
GOULDS MFG. CO., 71 W Fall, Seneca Falls, New York
See adv index at end of book
Humphryes Mfg. Co., Mansfield, O.
Jackson Byron Pump Works, Berkeley, Cal.
Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.
Kingsford Foundry & Machine Works, Owego, N. Y.
Lipman Mfg. Co., Beloit, Wis.
Lobee Pump & Machinery Co., East Buffalo, N. Y.
Luitwieler Pumping Engine Co., Rochester, N. Y.
Lummus Walter E. Co. ("Metrolift" Automatic), 173 Milk, Boston, Mass.



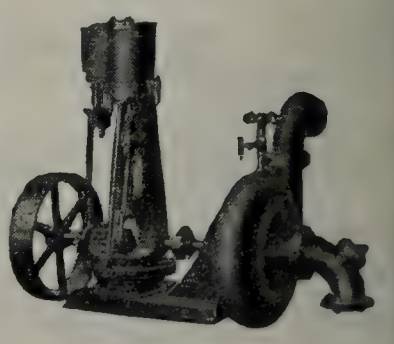
ERIE
CENTRIFUGAL PUMPS

For belt drive, motor drive or turbine drive. Give excellent results for all types of service. They can be furnished in iron or bronze when necessary for resisting the acids found in mines and like service.

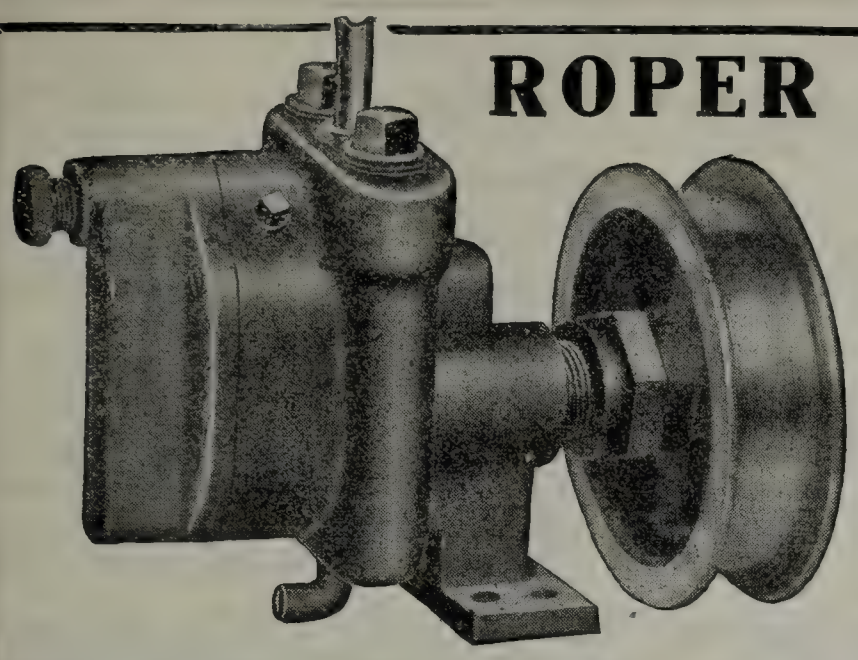


CENTRIFUGAL DREDGING PUMPS

For dredging sand and gravel, pumping coal, sewage, refuse from sugar mills, etc. These pumps can be furnished direct connected to steam or gasoline engines or for belt drive as required. Give full information as to vertical lift with length and size of pipe line if possible when writing about these pumps.



ERIE PUMP & ENGINE WORKS, INC.
141 Glenwood Avenue Medina, N. Y.



ROPER CIRCULATING PUMPS

Roper reversing and one-way pumps provide the most complete and simplest circulating outfit for use on machine tools.

These pumps allow variable delivery without separate valves and require only a suction and delivery pipe. Made in capacities from 4 to 40 quarts per minute.

WRITE FOR CATALOGUE No. 20

C. F. ROPER & CO., Hopedale, Mass.

McCord & Co. ("McKenna"), 122 S Michigan av, Chicago, Ill.
Milwaukee Auto Engine & Supply Co., 706 Winnebago, Milwaukee, Wis.
Milwaukee Motor Sales Co., 1802 North av, Milwaukee, Wis.
Morris Machine Works, Baldwinsville, N. Y.
Myers F. E. & Bro. ("Myers"), 800 Orange, Ashland, O. *See adv index at end of book*
National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*
Oberdorfer M. L. Brass Co., 810 E Water, Syracuse, N. Y.
Peters Mach. & Mfg. Co. ("Viking" Oil Circulating for Automobiles), 7320 Madison av, Cleveland, O.
Platt Iron Works Co. (Air & Circulating), Dayton, O.
ROPER C. F. & CO. ("Roco"), Hopedale, Mass. *See adv index at end of book*
Twinvolute Pump & Mfg. Co., ("Twinvolute"), 55 William, New York
Union Steam Pump Co., Battle Creek, Mich.
Vogt Bros. Mfg. Co., Louisville, Ky. *See adv index at end of book*
Wagener Steam Pump Co., Canton, O.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.
Woodard Machine Co., Wooster, O.
WORTHINGTON PUMP & MACHY. CORP. (Air & Circulating Combined), 115 B'way, New York *See adv index at end of book*

11824— Pumps (Cistern)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
Aermotor Co., 1146 S Campbell av, Chicago, Ill.
Althouse-Wheeler Co. (Close Top, Pitcher Spout), Waupun, Wis.
Athol Pump Co., Athol, Mass.
Barnes Mfg. Co., Mansfield, O.
BEACH-RUSS CO., 220 B'way, New York *See adv index at end of book*
Beckman Bros. ("B-B"), Des Moines, Ia.
Biggs B. F. Pump Co. ("Biggs"), Lafayette, Ind.
Cedar Rapids Pump Co., Cedar Rapids, Ia.
Columbiana Pump Co., Columbiana, O.
Crestline Mfg. Co., Crestline, O.
Davis-Hansen Co., Oshkosh, Wis.
DEMING CO., Salem, O. *See adv index at end of book*
Dempster Mfg. & Supply Co., Des Moines, Ia.
Douglas W. & B., Middletown, Conn.
Economy Pumping Machy. Co., 116 N Carpenter, Chicago, Ill.
Field & Shorb Co. ("F. & S. Ideal"), Decatur, Ill.
Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Hayes Pump & Painter Co., Galva, Ill.
Hess, Snyder Co. ("Novelty"), Massillon, O.
Humphryes Mfg. Co., Mansfield, O.
Love M. A. Mfg. Co. (Force, etc), Rockford, Ill.
MYERS F. E. & BRO. ("Myers") Cog Gear) 800 Orange, Ashland, O. *See adv index at end of book*
Peters Pump Co., Kewanee, Ill.
Rumsey Pump Co. (Ltd.) Box J, Seneca Falls, N. Y. *See adv index at end of book*
Trahern Pump Co., Rockford, Ill.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Ward Pump Co. (Force, etc), Rockford, Ill.
Wilder, Sidney & Co., Holliston, Mass.
Wistrand Mfg. Co. ("Blue Star"), Galva, Ill.

11825—*Pumps (Combined Air & Circulating)

BEACH-RUSS CO., 220 B'way, New York *See adv index at end of book*
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York *See adv index at end of book*
VOGT BROTHERS MFG. CO., Louisville, Ky. *See adv index at end of book*
WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York *See adv index at end of book*

11826— *Pumps (Compound)

Cameron A. S. Steam Pump Works, Bowling Green bldg, New York *See adv index at end of book*
National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*

11827—Pumps (Compression Tank)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
BEACH-RUSS CO., 220 B'way, New York *See adv index at end of book*
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DEMING CO., Salem, O. *See adv index at end of book*
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
MYERS F. E. & BRO., 800 Orange, Ashland, O. *See adv index at end of book*

11828—Pumps (Condensation)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
American Steam Pump Co., Battle Creek, Mich.
BEACH-RUSS CO., (With Receivers), 220 B'way, New York *See adv index at end of book*
Chicago Pump Co. ("Chic," Automatic Electric), 906 W Lake, Chicago, Ill. *See adv index at end of book*
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Dubois Iron Works, Dubois, Pa.
Economy Pumping Machinery Co., 116 N Carpenter, Chicago, Ill.
Gardner Governor Co., 14 Williamson, Quincy, Ill.
Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwalk, Conn.

Pumps (Condenser)

See Condensers, Steam

11829—Pumps (Contractors', for Sewers & Foundations)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
American Cement Machine Co., Keokuk, Ia.
Bond Harold L. Co. ("Atlantic" Portable), 391 Atlantic av, Boston, Mass.
C. H & E. Mfg. Co. ("C H & E." Portable Driven Bilge), 384 Clinton, Milwaukee, Wis.
CAMERON A. S STEAM PUMP WORKS (Sewers, Foundations & Subways), Bowling Green bldg, New York *See adv index at end of book*
Channon Jas. H. Mfg. Co. ("Union," Diaphragm Trench & Combined Pump & Engine, &c.), 227 W Erie, Chicago, Ill.
Dean Bros Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DEMING CO., Salem, O. *See adv index at end of book*
Douglas W. & B., Middletown, Conn.
Economy Pumping Machinery Co., 116 N Carpenter, Chicago, Ill.
Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.
ELLICOTT MACHINE CORP., Bush & Severn, Baltimore, Md. *See adv index at end of book*
Emerson Pump & Valve Co., Alexandria, Va.
Erie Pump & Engine Works, Inc. ("Erie"), 141 Glenwood av, Medina, N. Y. *See adv index at end of book*
Fairbanks, Morse & Co. (Diaphragm Trench) 900 S. Wabash av, Chicago, Ill.
GOULDS MFG. CO., 71 W Fall, Seneca, Falls, N. Y. *See adv index at end of book*
Humphryes Mfg. Co. (Porcelain Enameled), Mansfield, O.
Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.
Laughlin Thos. Co., Portland. Me.
Morris Machine Works, Baldwinsville, New York
MYERS F. E. & BRO. ("Myers" Low Down), 800 Orange, Ashland, O. *See adv index at end of book*
Nye Steam Pump & Machinery Co., 701 N Western av, Chicago, Ill.
Parker A. A. (Mud, Sand, etc), Waterford, N. Y.
Pulsometer Steam Pump Co., 220 W 42nd, New York
Rumsey Pump Co. (Ltd.) Box J, Seneca Falls, N. Y. *See adv index at end of book*
Union Steam Pump Co., Battle Creek, Mich.
Van Wie Pump Co., 715 W Fayette, Syracuse, N. Y.
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.
Zin-ho Mfg. Co., 1323 S Michigan av, Chicago, Ill.

11830— Pumps (Copper)

Athol Pump Co., Athol, Mass.
BEACH-RUSS CO., 220 B'way, New York *See adv index at end of book*
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.

PUMPS (COPPER)—continued

Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.
Morris Machine Works, Baldwinsville, New York
Sands Alfred B. & Son Co., 20 Vesey, New York
Wilder, Sidney & Co. (Force), Holliston, Mass.

11832— Pumps (Cornish)

Griffith & Wedge Co., Zanesville, O.
Hendy Joshua Iron Works, 75 Tremont, San Francisco, Cal.
Portage Lake Foundry & Machine Co., Hancock, Mich.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.

11832a—*Pumps (Cotton Seed Oil)

DE LAVAL STEAM TURBINE CO. (Centrifugal) East Trenton, N. J.
See adv index at end of book

11833—Pumps (Crank & Fly Wheel)

Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Evans C. H. & Co., 179 Tremont, San Francisco, Cal.
GUILD & GARRISON (Fly Wheel), 463 Kent av, Brooklyn, N. Y.
Lobee Pump & Machinery Co., East Buffalo, N. Y.
Lummus Walter E. Co. ("Metrolift" Automatic), 113 Milk, Boston, Mass.
National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*

11834— *Pumps (Creamery)

BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
De Laval Steam Turbine Co. (Centrifugal) East Trenton, N. J.
See adv index at end of book
DEMING CO., Salem, O.
See adv index at end of book
Lobee Pump & Machy. Co., Buffalo, N. Y.
Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwalk, Conn.

Pumps (Deck)

See Pumps, Ship & Deck

11835— Pumps (Deep Well)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
ALDRICH PUMP CO., Allentown, Pa.
See adv index at end of book
American Steam Pump Co., Battle Creek, Mich.
Boyts, Porter & Co. (Vertical), Connellsville, Pa.
CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
Century Pump Co., 719 6th, Brooklyn, N. Y.
Clot & Crist Machine Co., 940 Bryant, San Francisco, Cal.
Columbiana Pump Co., Columbiana, O.
Cook August D. (Steam, Belt & Electric Driven), Lawrenceburg, Ind.
Corcoran A. J. (Inc.), 745 Jersey av, Jersey City, N. J.
Crestline Mfg. Co. ("Crestline"), Crestline, O.
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.
Davidson M. T. Co., 154 Nassau, New York
Dayton Pump & Mfg. Co., Dayton, Ohio
DEMING CO. (Hand and Power), Salem, O. *See adv index at end of book*
Dempster Mfg. & Supply Co., Des Moines, Ia.
Douglas W. & B., Middletown, Conn.
Economy Pumping Machinery Co., 116 N Carpenter, Chicago, Ill.
Epping-Carpenter Pump Co., ft 43rd, Pittsburgh, Pa.
Evans C. H. & Co. ("Thomson & Evans" Bucket Plunger, Double Acting & Power), 187 Fremont, San Francisco, Cal.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Fort Wayne Engineering & Mfg. Co., Ft. Wayne, Ind.
Foster Pump Works, 36 Bridge, Brooklyn, N. Y.
Gardner Governor Co., 14 Williamson, Quincy, Ill.
Garratt W. T. & Co., 299 Fremont, San Francisco, Cal.
GOULDS MFG. CO., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Hall Steam Pump Co., 213 Galveston, Pittsburgh, Pa.
Hess-Snyder Co. ("Novelty"), Massillon, O.
Hill Pump Co., Anderson, Ind.
Humphryes Mfg. Co. ("Monitor" Belt Power or Direct Connected), Mansfield, O.
Indiana Air Pump Co. (Air Lift), Indianapolis, Ind.
Jackson Byron Iron Works, Berkeley, Cal.
Jarecki Mfg. Co. (Brass), Erie, Pa.
Kewanee Private Utilities Co. ("Kewanee" "Unit"), Kewanee, Ill.
KEYSTONE DRILLER CO. ("Downie"), Beaver Falls, Pa.
Laursen Automatic Pump Co., Menominee, Wis.
McGowan John H. Co., 52 Central av, Cincinnati, O.
Manistee Iron Works Co., Manistee, Mich.
Mast-Foos & Co., Springfield, O.
MYERS F. E. & BRO. ("Myers" Cog Gear, Branch Pipe, "Ashland," "Imperial); 800 Orange, Ashland, O.
See adv index at end of book
National Steam Pump Co., Upper Sandusky, O.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Peters Pump Co., Kewanee, Ill.
Platt Iron Works Co. (Powers), Dayton, Ohio
Red Jacket Mfg. Co. ("Red Jacket," Detached Cylinder, etc), Davenport, Ia.
Reliance Machine & Tool Works ("Hooker"), Channing & Franklin av, St. Louis, Mo.
RUMSEY PUMP CO. (Ltd.) Box J, Seneca Falls, New York
See adv index at end of book
Standard Pump & Engine Co., Akron, O.
Trahern Pump Co. (Single & Double Acting, Hand, etc), Rockford, Ill.
Union Steam Pump Co., Battle Creek, Mich.
Vaile-Kimes Co. ("V. & K."), Dayton, O.
Vogt Bros. Mfg. Co., Louisville, Ky.
See adv index at end of book
Warren Steam Pump Co., Warren, Mass.
Weinman Pump Mfg. Co. (Electric & Belt Driven), 300 Spruce, Columbus, O.
Wilder, Sidney & Co., Holliston, Mass.
Wilson & Willard Mfg. Co. (For Oil Wells), Los Angeles, Cal.
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

11836— Pumps (Diaphragm)

American Cement Machine Co., Keokuk, Ia.
Barnes Mfg. Co., Mansfield, O.
Bond Harold L. Co. ("Atlantic" Portable), 391 Atlantic av, Boston, Mass.
Boston & Lockport Block Co., 100 Condor, Boston, Mass.
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Crestline Mfg. Co. ("Crestline"), Crestline, O.
DEMING CO., Salem O.
See adv index at end of book
Dorr Co. ("Dorrco"), 1009 17th, Denver, Colo.
Douglas W. & B. ("Acme," "Ajax"), Middletown, Conn.
Edson Mfg. Co. ("Edson" Trench Force & Lift). 257 Atlantic av, Boston, Mass.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Humphryes Mfg. Co. (Hand or Power), Mansfield, O.
Johnson John Co., 203 37th, Brooklyn, N. Y.
Laughlin Thos. Co., Portland, Me.
Neptune Hardware Mfg. Co., 54 South, New York
Nove Engine Co., Lansing, Mich.
Platt Iron Works Co., Dayton, O.
Pulsometer Pump Co., 220 W 42nd, New York
Rumsey Pump Co., (Ltd.) Box J, Seneca Falls, New York
See adv index at end of book
Schramm Chris. D. & Son (Double for Trench Work), 308 N 4th, Phila., Pa.
Van Nouhuys Mach. Works ("Cascade"), Albany, N. Y.
Waterloo Cement Machy. Corp., Waterloo, Ia.
Whitman Agricultural Co., 7000 S. B'way, St. Louis, Mo.

11837— *Pumps (Distillers')

Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
DE LAVAL STEAM TURBINE CO., (Centrifugal) East Trenton, N. J.
See adv index at end of book
Vogt Bros. Mfg. Co., Louisville, Ky.
See adv index at end of book

11838—Pumps (Double-Acting)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
Crestline Mfg. Co. ("Crestline," "Suez" Force & Vulcan Double Power), Crestline, O.
Davis-Hansen Co., Oshkosh, Wis.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Douglas W. & B. (Hand or Power), Middletown, Conn.
Fairbanks, Morse & Co. ("Eclipse," "Typhoon"), 900 S Wabash av, Chicago, Ill.
Flint & Walling Mfg. Co. ("Fast Mail" Force), Kendallville, Ind.
Gardner Governor Co., 14 Williamson, Quincy, Ill.
Leader Iron Works, 201 Jasper, Decatur, Ill.
Love M. A. Mfg. Co. ("Western," Hand or Windmill), Rockford, Ill.
Peters Pump Co. ("Peters" Electric), Kewanee, Ill.
Trahern Pump Co. (Hand or Windmill), Rockford, Ill.
Union Steam Pump Co., Battle Creek, Mich.
VOGT BROS. MFG. CO., Louisville, Ky.
See adv index at end of book
Ward Pump Co. (Hand or Windmill), Rockford, Ill.

11839— Pumps (Drain)

Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.

11840— Pumps (Drainage)

See also Hydraulic Rams

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DE LAVAL STEAM TURBINE CO. (Centrifugal), East Trenton, N. J.
See adv index at end of book
ELLICOTT MACHINE CORP., Bush & Severn, Baltimore, Md.
See adv index at end of book
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Morris Machine Works, Baldwinsville, New York
MYERS F. E. & BRO. ("Myers"), 800 Orange, Ashland, Ohio
See adv index at end of book
Vogt Bros. Mfg. Co., Louisville, Ky.
See adv index at end of book
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

Pumps (Dredging)

See Pumps, Sand & Dredging

11841— Pumps (Electric)

Advance Pump & Compressor Co. (Direct Connected), 60 Flint, Battle Creek, Mich.
ALDRICH PUMP CO. ("Aldrich"), Allentown, Pa. *See adv index at end of book*
Amer Electric Air Pump Co. (Vacuum), Pittsburgh, Pa.
American Steam Pump Co., Battle Creek, Mich.

Automatic Electric Pump Co., Davenport, Ia.
Automatic Rotary Pump Co., Bible House, New York
BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Bleyle Electric Co. ("Economic"), 84 Cortlandt, New York
Bowser S. F. & Co, Ft. Wayne, Ind.
Boyts, Porter & Co., Connellsville, Pa.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Buffalo Steam Pump Co., Buffalo, N. Y.
Burnett-Larsh Mfg. Co., Dayton, O.
CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
Chicago Pump Co., 904 W Lake, Chicago, Ill. *See adv index at end of book*
Centrifugal Pump Co., 455 Canal, New York
Century Pump Co., 719 6th, Brooklyn, N. Y.
Columbiana Pump Co., Columbiana, O.
Crestline Mfg. Co., Crestline, Ohio
Davidson M. T. Co., 43 Keap, Brooklyn, N. Y.
Dayton Pump & Mfg. Co., Dayton, Ohio
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DE LAVAL STEAM TURBINE CO. (Centrifugal), East Trenton, N. J.
See adv index at end of book
DEMING CO., Salem, O.
See adv index at end of book
D'Olier Centrifugal Pump & Machine Co., 1421 Chestnut, Philadelphia, Pa.
Douglas W. & B., Middletown, Conn.
Dow Pump & Diesel Engine Co., 417 Market, San Francisco, Cal.
Dubois Iron Works, Dubois, Pa.
DUNNING & BOSCHERT PRESS CO., INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Economy Pumping Machy. Co., 116 N Carpenter, Chicago, Ill.
ELLICOTT MACHINE CORP., Bush & Severn, Baltimore, Md.
See adv index at end of book
Erwin & Co. (Automatic), 3736 Cottage Grove av, Chicago, Ill.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Foster Pump Works, 36 Bridge, Brooklyn, N. Y.
French Oil Mill Machinery Co., Piqua, O.
Gardner Governor Co., 14 Williamson, Quincy, Ill.
GOULDS MFG. CO., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Harris Pump & Supply Co., 320 2d av, Pittsburgh, Pa.
Hill Pump Co., Anderson, Ind.
Holland Machine Co., 1270 B'way, New York
Humphryes Mfg. Co., Mansfield, O.
Imperial Iron Works (Mine), Duluth, Minn
Ives Mfg. Co., 203 Hanover, Baltimore, Md.
Jackson Byron Iron Works, Berkeley, Cal.
Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.
Johnson John Co., 203 37th, Brooklyn, N. Y.
Kewanee Private Utilities Co. (For Pumping Water Supply, etc), Kewanee, Ill.
Lawrence Machine Co. ("Lawrence"), 40 Island, Lawrence, Mass.
Lawrence Pump & Engine Co. ("Vortex") Lawrence, Mass.
Leader Iron Works, 201 Jasper, Decatur, Ill.
Lobee Pump & Machinery Co., East Buffalo, N. Y.
Lunt-Moss Co., 43 S Market, Boston, Mass.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
McGowan John H. Co., 52 Central av, Cincinnati, O.
Morris Machine Works, Baldwinsville, New York
MYERS F. E. & BRO. ("Myers" Bulldozer, "Myers" Automatic), 800 Orange, Ashland, O. *See adv index at end of book*
Nash Engineering Co. ("Nash," Hydro-Turbine), South Norwalk, Conn.
National Transit Pump & Machine Co., Oil City. Pa. *See adv index at end of book*
N. Y. Air Brake Co., 165 B'way, New York
Nugent W. W. & Co., 146 W Superior, Chicago, Ill. *See adv index at end of book*
Peters Pump Co. ("Peters" Double-Acting), Kewanee, Ill.
Platt Iron Works Co., Dayton, O.
Prescott Co., Menominee, Mich.
Quimby Wm. E. (Direct Connected), 548 W 23rd, New York
Rider-Ericsson Engine Co. ("Reeco"), 20 Murray, New York
Roberts Geo. J. Co., Dayton, O.
Roots P. H. & F. M. Company, Connersville, Ind.
RUMSEY PUMP CO. (Ltd.) Box J, Seneca Falls, New York
See adv index at end of book
Scranton Pump Co., Scranton, Pa.
Standard Pump & Engine Co., Akron, O.
Taber Pump Co. (Portable), Buffalo, N. Y.
Twinvolute Pump & Mfg. Co. ("Twinvolute"), 55 William, New York
Union Steam Pump Co., Battle Creek, Mich.
Vaile-Kimes Co. ("V. & K."), Dayton, O.
Varwig Mfg. Co., 120 Opera pl, Cincinnati, O.
Victor Elec. Corp., Chicago, Ill.
Vogt Bros. Mfg. Co., Louisville, Ky.
See adv index at end of book
Weinman Pump Mfg. Co., 300 Spruce, Columbus, O.
Whitman Agricultural Co., 7000 S. B'way, St. Louis, Mo.
Wilson-Snyder Mfg. Co., 2 Ross, Pittsburgh, Pa.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book
Yeomans Bros. Co., 231 Institute pl, Chicago, Ill.

11842—Pumps (Electric Air)

American Steam Pump Co., Battle Creek, Barbeau, Pittsburgh, Pa.
American Electric Air Pump Co., Penn & Mich.
Automatic Electric Pump Co., Davenport, Ia.
Black & Decker Mfg. Co., 111 So Calvert, Baltimore, Md.
Cleveland Faucet Co. ("Champion" Automatic), Cleveland, O.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Economy Pumping Machy. Co., 116 N Carpenter, Chicago, Ill.
Gardner Governor Co., 14 Williamson, Quincy, Ill.
Ives Mfg. Co., 203 Hanover, Baltimore, Md.
Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwalk, Conn.
Vogt Bros. Mfg. Co., Louisville, Ky.
See adv index at end of book

11843—Pumps (Electric House)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
American Steam Pump Co., Battle Creek, Mich.
BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Burnett Larsh Mfg. Co. ("Duro"), Dayton, O.
Economy Pumping Machy. Co., 116 N Carpenter, Chicago, Ill.
Flint & Walling Mfg. Co., ("F & W"), Kendallville, Ind.
Ives Mfg. Co., 203 Hanover, Baltimore, Md.
MYERS F. E. & BRO. ("Myers Automatic Controll," "Myers Hydro-Pneumatic), 800 Orange, Ashland, O.
See adv index at end of book
Twinvolute Pump & Mfg. Co., High, Newark, N. J.
Yeomans Bros. Co., 231 Institute pl, Chicago, Ill.

11844—Pumps (Electric Pressure)

DUNNING & ROSCHERT PRESS CO., INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Economy Pumping Machy. Co., 116 N Carpenter, Chicago, Ill.
Gardner Governor Co., 14 Williamson, Quincy, Ill.
Luitwieler Pumping Engine Co., Rochester, N. Y.

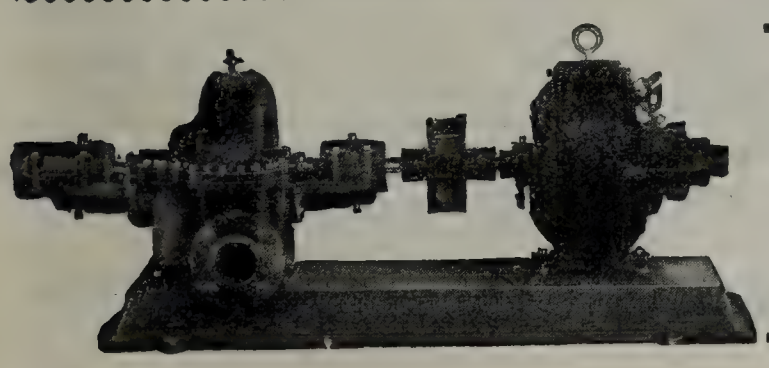
11845— Pumps (Elevator)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
American Steam Pump Co., Battle Creek, Mich.
Blake Pump & Condenser Co., Fitchburg, Mass.
Blakeslee Mfg. Co., Du Quoin, Ill.
Buffalo Steam Pump Co., Buffalo, N. Y.
Burton & Johnson Co., 2301 Center av, **Cleveland, O.**
Butler Mfg. Co., Kansas City, Mo.
Davidson M. T. Co., 154 Nassau, New York
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DE LAVAL STEAM TURBINE CO. (Centrifugal), East Trenton, N. J.
See adv index at end of book
Douglas W. & B., Middletown, Conn.
Epping-Carpenter Pump Co., ft 43rd, Pittsburgh, Pa.
Gardner Governor Co., 14 Williamson, Quincy, Ill.
Garratt W. T. & Co., 299 Tremont, San Francisco, Cal.
Goodman Mfg. Co., Halsted & 48th pl, Chicago, Ill.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, **N. Y.** *See adv index at end of book*
Hall Steam Pump Co., 213 Galveston, Pittsburgh, Pa.
Jackson Byron Iron Works, Berkeley, Cal.
McGowan John H. Co., 52 Central av, Cincinnati, O.
National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*
Platt Iron Works Co., Dayton, O.
Quimby Wm. E., 548 W 23d, New York
Rumsey Pump Co., (Ltd.) Box J, Seneca Falls, New York
See adv index at end of book
Twinvolute Pump & Mfg. Co. ("Twinvolute"), 55 William, New York
Union Steam Pump Co., Battle Creek, Mich.
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

11845a— Pumps, Engines, etc.

See also Headings under Pumps, Engines, etc

DOMINION ASBESTOS & RUBBER CORP. ("Cable Prince," "Rodtite," "Dominion"), 154 Nassau, New York
See adv index at end of book



ELECTRIC PUMPS

Multi Stage Turbine House, Circulating and Boiler Feed Pumps, Single and Duplex Bilge Pumps and Sewage Ejectors, Condensation Pumps and Receivers, Vacuum and Air Line Pumps for Heating Systems and Pneumatic Water Systems.

Chicago Pump Company, 904-10 West Lake Street, Chicago, Ill.

11846—Pumps (Fan & Stuff)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
Beloit Iron Works (Stuff), Beloit, Wis.
Black-Clawson Co. ("B-C-Co Fan"), Hamilton, O.
Clark H. C. & Son Machine Co., Lee, Mass.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DEMING CO. (Duplex & Triplex), Salem, O. *See adv index at end of book*
Dillon Machine Co. ("Duplex" & "Triplex" Stuff), Lawrence, Mass.
Economy Pumping Machy. Co., 116 N Carpenter, Chicago, Ill.
Emerson Mfg. Co., Lawrence, Mass.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Mills Machine Co., Lawrence, Mass.
Morris Machine Works, Baldwinsville, New York
National Transit Pump & Machine Co., Oil City. Pa. *See adv index at end of book*
Noble & Wood Machine Co., Hoosick Falls, N. Y.
Pulsometer Steam Pump Co. (Stuff for Pulp Mills), 220 W 42nd, New York
Rice-Barton & Fales Machine & Iron Co., Worcester, Mass.
Sandusky Foundry & Machine Co., Sandusky, Ohio
Sandy Hill Iron & Brass Wks., Hudson Falls, N. Y.
Shartle Bros. Machine Co. (Multiple Fan), Middletown, O.
Union Steam Pump Co., Battle Creek, Mich.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

11847—Pumps (Filter Press)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
American Steam Pump Co., Battle Creek, Mich.
BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Buffalo Steam Pump Co., Buffalo, N. Y.
Cameron A. S. Steam Pump Works, 11 Bowling Green bldg, New York
See adv index at end of book
Davidson M. T. Co., 43 Keap, Brooklyn, N. Y.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Gardner Governor Co., 14 Williamson, Quincy, Ill.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Guild & Garrison, 457 Kent av, Brooklyn, N. Y.
Johnson John Co., 203 37th, Brooklyn, N. Y.
Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwalk, Conn.
National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*
Platt Iron Works Co., Dayton, O.
Provost Engng. Corp., 218 B'way, New York
Shriver T. & Co., Harrison, N. J.
Union Steam Pump Co., Battle Creek, Mich.
Wagener Steam Pump Co., Canton, O.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

11848— Pumps (Fire)

See also Pumps, Steam
Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
American Steam Pump Co., Battle Creek, Mich.
Buffalo Steam Pump Co., Buffalo, N. Y.
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
DE LAVAL STEAM TURBINE CO. (Centrifugal), East Trenton, N. J.
See adv index at end of book
Earle Gear & Machine Co., Stenton & Wyoming avs, Phila., Pa.
Evans C. H. & Co. ("Thompson & Evans"), 187 Fremont, San Francisco, Cal.
Gardner Governor Co., 14 Williamson, Quincy, Ill.
Hale Fire Pump Co. ("Young Giant"), Wayne, Pa.
Jackson Byron Iron Works (Centrifugal), Berkeley, Cal.
Myers F. E. & Bro., 800 Orange, Ashland, Ohio. *See adv index at end of book*
Seagrave Co., Columbus, O.
Twinvolute Pump & Mfg. Co. ("Twinvolute"), 55 William, New York
Union Steam Pump Co., Battle Creek, Mich.
Vogt Bros. Mfg. Co., Louisville, Ky.
See adv index at end of book
Woodard Machine Co., Wooster, O.
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

11849—Pumps (Fire, Hand)

Chicago Fire Apparatus Co. ("Chicago Fire Dept. Style"), 208 N 5th av, Chicago, Ill.
DEMING CO., Salem, O.
See adv index at end of book
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Humphryes Mfg. Co., Mansfield, O.
Myers F. E. & Bro., 800 Orange, Ashland, Ohio. *See adv index at end of book*

11850—*Pumps (Fire Protection)

BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
DEMING CO., Salem, O.
See adv index at end of book

11851—*Pumps (Foam Fire-Fighting)

NATIONAL TRANSIT PUMP & MACHINE CO., Oil City, Pa.
See adv index at end of book

11851a—*Pumps for Chemical Solutions

CHEMICAL PUMP & VALVE CO., THE (Pumps & Valves Made of All Kinds of Acid Resisting Material), 327 Gifford, Perth Amboy, N. J.
Lummus Walter E. Co. ("Metrolift" Automatic), 173 Milk, Boston, Mass.

11852—Pumps for Gasoline Lighting Systems

Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.

11853—Pumps (Force, Horizontal)

Humphryes Mfg. Co. ("Monitor" Belt Power & Direct Connected), Mansfield, Ohio

11854—Pumps (Force & Lift)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
Althouse-Wheeler Co. (Hand Force), Waupun, Wis.
American Steam Pump Co., Battle Creek, Mich.
Aterite M. N. Co., Inc. (For Sulphuric Acid), 55 John, New York
Athol Pump Co., Athol, Mass.
Baker Mfg. Co., Evansville, Wis.
Barnes Mfg. Co., Mansfield, O.
BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Beckman Bros. ("B-B"), Des Moines, Ia.
Blymyer Iron Works Co. ("Crown," "Star" Hand & Power Double Acting), Cincinnati, O.
Bushnell Pump Co. (Iron, also House & Air Pressure Force Pumps), Bushnell, Ill.
C. H. & E. Mfg. Co., 384 Clinton, Milwaukee, Wis.
Columbiana Pump Co., Columbiana, O.
Corcoran A. J. (Inc.), 745 Jersey av, Jersey City, N. J.
Crestline Mfg. Co. ("Crestline" Force & Lift & Force Pump for Drilled Wells & Ratchet Force), Crestline, O.
Davis-Hansen Co. (Windmill), Oshkosh, Wis.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DEMING CO., Salem, O.
See adv index at end of book
Dempster Mfg. & Supply Co., Des Moines, Iowa
Douglas W. & B. (("Hector" Long Fulcrum), Middletown, Conn.
Dubois Iron Works, Dubois, Pa.
Duplex Mfg. Co., Superior, Wis.
Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.
Fort Wayne Engineering & Mfg. Co., Fort Wayne, Ind.
Garrison Brass & Machine Works, 107 W 13th, New York
Gould Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Haydenville Co., Haydenville, Mass.
Hayes Pump & Planter Co. (House Windmill, etc), Galva, Ill.
Hess-Snyder Co. ("Novelty"), Massillon, O.
Humphryes Mfg. Co., Mansfield, O.
Ives Mfg. Co. (Electric), 203 Hanover, Baltimore, Md.
Kennedy J. E. ("Little Giant" Household for Cleaning Waste Pipes, etc), 30 E 42d, New York
Klotz Machine Co. ("Waldkircher's" Oscillating Force Pumps), Sandusky, O.
Lobee Pump & Machinery Co., East Buffalo, N. Y.
Love M. A. Mfg. Co. (Iron Hand & Windmill Force, etc), Rockford, Ill.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
Mast-Foos & Co. ("Buckeye"), Springfield, Ohio.
Mietz August, 138 Mott, New York
MYERS F. E. & BRO. ("Myers" Submerged Cylinder, Branch Pipe, "Gusher" Cog Gear, "Ashland" Ratchet Handle, Tubular Well, "Imperial" Siphon, House Force, "New Century" Low Down & "Faultless" Bulldozer, "Defiance"), 800 Orange, Ashland, O. *See adv index at end of book*
Newark Brass Works ("Lawless," Force for Water Mains), 22 Lawrence, Newark, N. J.
Penna. Furnace & Stove Co. (Plumbers' Force), Warren, Pa.
Peters Pump Co., Kewanee, Ill.
Pittsburgh Pump Co., 20 Fancourt, Pittsburgh, Pa.
Powell Wm. Co. ("Speedy," "Rapid"), Cincinnati, O.
Red Cross Mfg. Co., Bluffton, Ind.
Red Jacket Mfg. Co. ("Red Jacket," Single & Double Acting), Davenport, Ia.
Rumsey Pump Co. (Ltd.) Box J, Seneca Falls, N. Y. *See adv index at end of book*
Schramm Chris D. & Son (For Basements, Excavations & Subways), 308 N 4th, Phila., Pa.
Seed Filter & Mfg. Co., 73 Franklin, New York
Trahern Pump Co. (Iron Hand & Windmill Force, etc.), Rockford, Ill.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Ward Pump Co. (Iron Hand & Windmill Force, etc), Rockford, Ill.
Wilder, Sidney & Co., Holliston, Mass.
Wistrand Mfg. Co. ("Blue Star," Well, House & Windmill), Galva, Ill.

11855— *Pumps (Fuel Oil)

BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
DE LAVAL STEAM TURBINE CO. (Centrifugal), East Trenton, N. J.
See adv index at end of book
DEMING CO., Salem, O.
See adv index at end of book
GILBERT & BARKER MFG. CO. ("Gilbert & Barker"), Springfield, Mass.
See adv index at end of book
Lummus Walter E. Co. ("Metrolift" Automatic), 173 Milk, Boston, Mass.
NATIONAL TRANSIT PUMP & MACHINE CO., Oil City, Pa.
See adv index at end of book
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Vogt Bros. Mfg. Co., Louisville, Ky.
See adv index at end of book
WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book

11856—Pumps (Galvanized Steel)

Berger Mfg. Co., Canton, O.

11857—Pumps (Gas Compressing)

See also Pumps, Gas Main Force

BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Combination Engine & Compressor Co., Bradford, Pa.
Gould Mfg. Co., 71 W Fall, Seneca Falls, **N. Y.** ***See adv index at end of book***
Nash Engineering Co. ("Nash," Hydro-Turbine), South Norwalk, Conn.
National Fdry & Mach. Co., Louisville, Ky.
National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*
Roots P. H. & F. M. Co., Connersville, Ind.
Superior Gas Engine Co., Springfield, O.

11858—*Pumps (Gas Engine Cooling)

DEMING CO., Salem, O.
See adv index at end of book

11859—Pumps (Gas Engine Driven)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
Gardner Governor Co., 14 Williamson, Quincy, Ill.
National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*
Standard Pump & Engine Co., Akron, O.
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.

11860—Pumps (Gas Engine Starting)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
Caldwell E. R. & Co., Bradford, Pa.
DEMING CO., Salem, O.
See adv index at end of book
Gardner Governor Co., 14 Williamson, Quincy, Ill.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, **N. Y.** ***See adv index at end of book***
Union Steam Pump Co., Dime Bank bldg, Battle Creek, Mich.

11861—Pumps (Gas Fitters' Proving)

DEMING CO., Salem, O.
See adv index at end of book
Humphryes Mfg. Co., Mansfield, O.

11862-3—Pumps (Gas Main, Force)

BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Bernz Otto, 17-37 Ashland, Newark, N. J.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Garrison Brass & Machine Wks., 107 W 13th, New York
Humphrey Gas Pump Co., 401 S. A. & K. bldg, Syracuse, N. Y.
Simmons John Co., 110 Centre, New York

11864— Pumps (Gasoline)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
Am. Tank & Pump Co., 404 Golden Gate, San Francisco, Cal.
Barnes Mfg. Co., Mansfield, O.
BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Blackmer Rotary Pump Co., Petoskey, Mich.
Bowser S. F. & Co., Fort Wayne, Ind.
Butler Mfg. Co., Kansas City, Mo.
Channon Jas. H. Mfg. Co. (For Auto Garage), 227 W Erie, Chicago, Ill.
Columbian Steel Tank Co., New England bldg, Kansas City, Mo.
Crestline Mfg. Co. ("Crestline"), Crestline, Ohio
Davis-Hansen Co., Oshkosh, Wis.
DEMING CO., Salem, O.
See adv index at end of book
Domestic Engine & Pump Co., Shipplinsburg, Pa.
Doran Mfg. Co., 612-620 W Lake, Chicago, Ill.
Douglas W. & B., Middletown, Conn.
Eastern Oil Tank Co. ("Leader," Self-Measuring for Garages), Lowell, Mass.
Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.
Field & Shorb Co. ("F. & S. Ideal"), Decatur, Ill.
GILBERT & BARKER MFG. CO. ("Gilbert & Barker" Self & Non-Measuring), Springfield, Mass.
See adv index at end of book
GOULDS MFG. CO., 71 W. Fall, Seneca Falls, N. Y. ***See adv index at end of book***
Inglis Mfg. Co., 285 5th av, Milwaukee, Wis.
Kewanee Private Utilities Co. (For Pumping Water Supply), West Side, Kewanee, Ill.
Kraft A. C. ("Bools," "Coco," "Gross," "Heft," "Stuhl" & "Walker"), 323 W Lake, Chicago, Ill.
Leader Iron Works, 201 Jasper, Decatur, Ill.
Novo Engine Co. (Direct Connected), Lansing, Mich.
Trimount Rotary Power Co. ("Trimount" Rotary Hand), 18 Heath, Boston, Mass.
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.

Pumps (Gauge Testing)

See Gauge Testing Apparatus

11865— Pumps (Geared)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
American Steam Pump Co., Battle Creek, Mich.
DUNNING & BOSCHERT PRESS CO., INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Gardner Governor Co., 14 Williamson, Quincy, Ill.
Myers F. E. & Bro. ("Bulldozer") 800 Orange, Ashland, O.
See adv index at end of book
National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*
Viking Pump Co., Cedar Falls, Ia.

11866—Pumps (Geared, Oil or Water)

For Milling Gear & Chucking Machines, etc

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Brown & Sharpe Mfg. Co. (For Oil Supply, to Cutting Tools on Lathes, Screw Machines, etc), Providence, R. I.
Cincinnati Lubricant Pump Co., Cincinnati, O.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DEMING CO., Salem, O.
See adv index at end of book
Doehler Die Casting Co., Huntington, Brooklyn, N. Y.
Gardner Governor Co., 14 Williamson, Quincy, Ill.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. ***See adv index at end of book***
KEYSTONE DRILLER CO. ("Downie"), Beaver Falls, Pa.
Matson Machine Co., Concord, N. H.
MYERS F. E. & BRO., 800 Orange, Ashland, O. ***See adv index at end of book***
Oberdorfer M. L. Brass Co., 810 E Water, Syracuse, N. Y.
Platt Iron Works Co., Dayton, O.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
ROPER C. F. & CO. ("Roco"), Hopedale, Mass. *See adv index at end of book*

11867—Pumps (Ham Preserving)

Silver Mfg. Co., Salem, O.

11868— Pumps (Hand)

BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Bowser S. F. & Co., Ft. Wayne, Ind.
Buffalo Steam Pump Co., Buffalo, N. Y.
Butler Co., Butler, Ind.
Cedar Rapids Pump Co., Cedar Rapids, Ia.
Crestline Mfg. Co., Crestline, O.
DEMING CO., Salem, O.
See adv index at end of book
Dempster Mfg. & Supply Co., Des Moines, Iowa
Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.
Fairbanks, Morse & Co., ("Eclipse") 900 S Wabash av, Chicago, Ill.
Flint & Walling Mfg. Co., Kendallville, Ind.
GOULDS MFG. CO., 71 W Fall, Seneca Falls, N. Y. ***See adv index at end of book***
Hayes Pump & Planter Co., Galva, Ill.
Humphryes Mfg. Co., Mansfield, O.
Kewanee Private Utilities Co., West Side, Kewanee, Ill.
Lobee Pump & Machinery Co., East Buffalo, N. Y.
Lucey Mfg. Co., 233 B'way, New York
For branch offices see Alphabetical Section
LUNKENHEIMER CO. ("Alpha," "Universal"). Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Lunt Moss Co., 43 S Market, Boston, **Mass.**
MYERS F. E. & BRO. ("Myers" & "Ashland" Cog Gear), 800 Orange, Ashland, O. *See adv index at end of book*
Pacific Pump & Supply Co., San Francisco, Cal.
Peters Pump Co. ("Peters"), **Kewanee**, Ill.
Plattner Implement Co., Lincoln, Nebr.
Rich Pump Co., South & Depot, **Cincinnati, O.**
Sherwood Mfg. Co., 1709 Elmwood, Buffalo, N. Y.
Trahern Pump Co. (& Hand Force), Rockford, Ill.
Trimount Rotary Power Co. ("Trimount" Rotary), 18 Heath, Boston, Mass.
Ward Pump Co. (& Hand Force), Rockford, Ill.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*

11869—*Pumps (High Pressure, Oil)

NATIONAL TRANSIT PUMP & MACHINE CO., Oil City, Pa.
See adv index at end of book
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

11869a—*Pumps (High Service)

DE LAVAL STEAM TURBINE CO. (Centrifugal), East Trenton, N. J.
See adv index at end of book

11870—*Pumps (High Vacuum, for Packing Houses)

BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book

Pumps (Hot Air)

See Engines, Pumping, Hot Aair

11871— Pumps (Hot Well)

CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
DE LAVAL STEAM TURBINE CO. (Centrifugal), East Trenton, N. J.
See adv index at end of book
Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwalk, Conn.

11872— Pumps (Household)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
Centrifugal Pump Co., 455 Canal, New York
Chicago Pump Co., 904-910 W Lake, Chicago, Ill.
Dayton Metal Products Co., Dayton, O.
Fort Wayne Engng. & Mfg. Co., Fort Wayne, Ind.
Hill Pump Co., Anderson, Ind.
Jarvis Engine & Machine Wks., Lansing, Mich.
Kennedy J. E. ("Little Giant" Lift & Force for Cleaning Waste Pipes, etc), 30 E 42d, New York
Lucas Chas. O. (Electric), Dayton, O.
Rider-Ericsson Engine Co., 20 Murray, New York
Standard Pump & Engine Co., Akron, O.
Vaile-Kimes Co., Dayton, O.
Viking Pump Co., Cedar Falls, Ia.
Weinman Pump Mfg. Co., 300 Spruce, Columbus, O.

11873—*Pumps (House Tank)

CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book

11874-5—Pumps (Hydraulic)

Adamson Machine Co., Akron, O.
See adv index at end of book
Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
American Steam Pump Co., Battle Creek, Mich.
Bethlehem Steel Co., South Bethlehem, Pa.
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Bishop-Babcock-Becker Co. ("Reliable" Vacuum for Heating Systems), Cleveland, O.
Blake Pump & Condenser Co., Fitchburg, Mass.
Blakeslee Mfg. Co., Du Quoin, Ill.
Bowser S. F. & Co., Ft. Wayne, Ind.
Boyts Porter & Co., Connellsville, Pa.
Buckeye Iron & Brass Works, Dayton, O.
Buffalo Steam Pump Co., Buffalo, N. Y.
Burroughs Chas. Co., 141 Commerce, Newark, N. J.
Bushell G. H. Press Co., Thompsonville, Conn.
Caldwell E. R. & Co. (Up to 20 Tons), Bradford, Pa.
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
Cardwell Machine Co. (For Oil Mills), Richmond, Va.
Chambersburg Engineering Co. (Pressure, Steam or Motor Driven), Chambersburg, Pa.
Columbus Steam Pump Works Co., Columbus, O.
Davidson M. T. Co., 43 Keap, Brooklyn, N. Y.
Davis-Johnson Mfg. Co., 4518 Lexington, Chicago, Ill.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Defiance Machine Works (Double Plunger), Defiance, O.
DE LAVAL STEAM TURBINE CO. (Centrifugal), East Trenton, N. J.
See adv index at end of book
Douglas W. & B. (up to 300 lbs. pressure), Middletown, Conn.
Dow Pump & Diesel Engine Co., 417 Market, San Francisco, Cal.
Dudgeon Richard, 24 Columbia, New York
DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
ELLICOTT MACHINE CORP., Bush & Severn, Baltimore, Md.
See adv index at end of book
Epping-Carpenter Pump Co., ft 43rd, Pittsburgh, Pa.
Erwin & Co., 3736 Cottage Grove av, Chicago, Ill.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Farrel Foundry & Mach. Co., Ansonia, Conn.
Federal Brass Works, 3100 S Kedzie, Chicago, Ill.
French Oil Mill Machinery Co., Piqua, O.
Galland-Henning Mfg. Co., Railway Exchange bldg., Milwaukee, Wis.
Gardner Governor Co., 14 Williamson, Quincy, Ill.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Hall Steam Pump Co., 213 Galveston, Pittsburgh, Pa.
Henderer's A. L. Sons, Wilmington, Del.
Holyoke Machine Co. ("Hercules), Holyoke, Mass.
Hydraulic Engng. Works, 708 Fulton, Chicago, Ill.
Hydraulic Press Mfg. Co. (Vertical & Horizontal Belt Driven), Mount Gilead, O.
Jackson Byron Iron Works, Berkeley, Cal.
Jenkins Machine Co. (For Operating Bending Presses), Sheboygan, Wis.
Jennings Pump & Dredge Co., 305 N. Michigan av, Chicago, Ill.
Kilby Mfg. Co., Cleveland, O.
Laursen Automatic Pump Co., Menomonie, Wis.
Logemann Bros. Co. ("Logemann" High Pressure, Triple Compound), 3130 Burleigh, Milwaukee, Wis.
McGowan John H. Co., 52 Central av. Cincinnati, O.
MORGAN ENGINEERING CO., Alliance, O. *See adv index at end of book*
Morris Machine Works, Baldwinsville, New York
National Foundry & Machine Co., Louisville, Ky.
National Gauge Co., 300 Pacific, Brooklyn, N. Y.
National Steam Pump Co., Upper Sandusky, O.
National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
Perrin Wm. R. & Co., Old Colony bldg, Chicago, Ill.
Platt Iron Works Co., Dayton, O.
Riehle Bros. Testing Machine Co., 1424 N 9th, Phila., Pa.
Robertson Jno. & Co., 133 Water, Brooklyn, N. Y.
RUMSEY PUMP CO., (Ltd.) Box J, Seneca Falls, N. Y.
See adv index at end of book
Southwark Foundry & Machine Co., 430 Washington av, Phila., Pa.
Tranter Mfg. Co. ("McFeely" & "Sheriff"), 105 Water, Pittsburgh, Pa.
Union Steam Pump Co., Battle Creek, Mich.
Vogt Bros. Mfg. Co., Louisville, Ky.
See adv index at end of book
Wagener Steam Pump Co., Canton, O.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
WATSON-STILLMAN CO., 33 Church, New York *See adv index at end of book*
Weir & Craig Mfg. Co., 2421 Wallace, Chicago, Ill.
Westbrook Elevator Co., Danville, Va.
Wilson-Snyder Centrifugal Pump Co., 2 Ross, Pittsburgh, Pa.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.
Wood Wm. H. Media, Pa.

Pumps (Hydraulic Dredging)

See Pumps, Sand & Dredging

11876—*Pumps (Hyrdaulic, Elevator Service)

Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
DE LAVAL STEAM TURBINE CO. (Centrifugal), East Trenton, N. J.
See adv index at end of book
DEMING CO., Salem, O.
See adv index at end of book
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

11877—Pumps (Hydraulic Pressure)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
American Steam Pump Co., Battle Creek, Mich.
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
DE LAVAL STEAM TURBINE CO. (Centrifugal), East Trenton, N. J.
See adv index at end of book
DEMING CO., Salem, O.
See adv index at end of book
DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
French Oil Mill Machinery Co., Piqua, O.
Sandusky Foundry & Machine Co., Sandusky, O.
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

11878-9—Pumps (Hydraulic Proving)

Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis Ind.
DEMING CO., Salem, O.
See adv index at end of book
Goulds Mfg. Co. 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Union Steam Pump Co., Battle Creek, Mich.

11880—*Pumps (Hydraulic Transmission)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*

11881—*Pumps (Hydraulic-Pneumatic)

Davis-Hansen Co., Oshkosh, Wis.
DEMING CO., Salem, O.
See adv index at end of book

11881a—*Pumps (Hydraulic Vacuum)

WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

11882— Pumps (Intensifier)

MORGAN ENGINEERING CO. (For Forging & Bending), Alliance, O.
See adv index at end of book

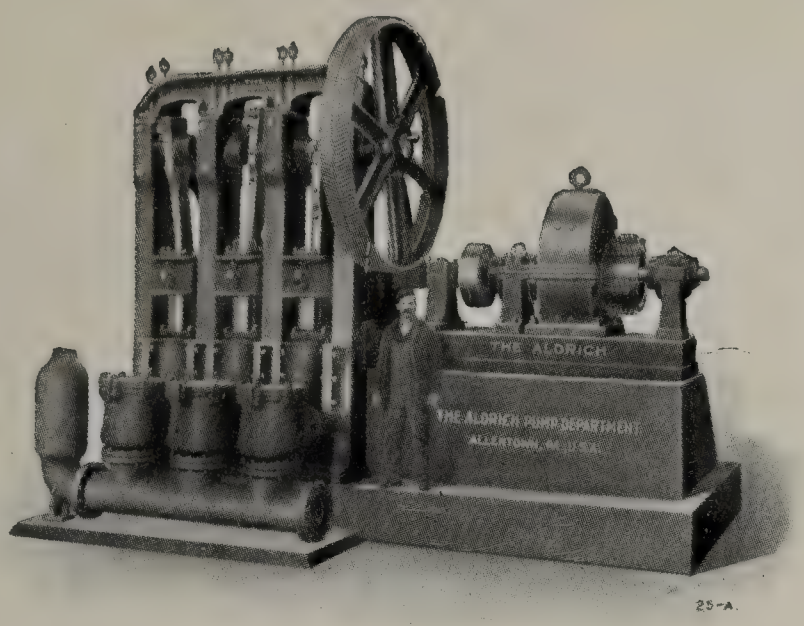
11883— Pumps (Irrigating)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
Aermotor Co., 1146 S Campbell av, Chicago, Ill.
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Barnes Mfg. Co., Mansfield, O.
Blakeslee Mfg. Co., Du Quoin, Ill.
Buffalo Steam Pump Co., Buffalo, N. Y.
CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
Challenge Co., Batavia, Ill.
Charter Gas Engine Co., Sterling, Ill.
DE LAVAL STEAM TURBINE CO. (Centrifugal), East Trenton, N. J.
See adv index at end of book
DEMING CO., Salem, O.
See adv index at end of book
Dow Pump & Diesel Engine Co., 417 Market, San Francisco, Cal.
ELLICOTT MACHINE CORP., Bush & Severn, Baltimore, Md.
See adv index at end of book
Erie Pump & Engine Wks., Inc. ("Erie," Mounted Portable), 141 Glenwood av, Medina, N. Y.
See adv index at end of book
Fairbanks, Morse & Co., 900 S Wabash av, Chicago Ill.
Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Haslehurst W. W., 2122 Folsom, San Francisco, Cal.
Humphryes Mfg. Co. ("Monitor"), Mansfield, O.
Jackson Byron Iron Works, Berkeley, Cal.
Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.
Kingsford Foundry & Machine Works, Oswego, N. Y.
Krogh Mfg. Co., 147 Beale, San Francisco, Cal.
Layne & Bowler Co. ("Layne" Irrigation Well Pumps) Houston, Tex.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
Luitweller Pumping Engine Co., Rochester, N. Y.
McGowan Jno. H. Co., 52 Central av, Cincinnati, O.
Mast Foos & Co., Springfield, O.
Morris Machine Works, Baldwinsville, New York
MYERS F. E. & BRO. ("Myers" Bulldozer), 800 Orange, Ashland, O.
See adv index at end of book
Platt Iron Works Co., Dayton, O.
Pulsometer Steam Pump Co., 220 W 42nd, New York
Roots P. H. & F. M. Co. (Rotary Pressure), Connersville, Ind.
Rumsey Pump Co. (Ltd.) Box J, Seneca Falls, N. Y. *See adv index at end of book*
Samson Iron Works, Stockton, Cal.
Trahern Pump Co., Rockford, Ill.
Twinvolute Pump & Mfg. Co., ("Twinvolute"), 55 William, New York
Union Steam Pump Co., Battle Creek, Mich
United Iron Works, Oakland, Cal.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Wagener Steam Pump Co., Canton, O.
Ward Pump Co., Rockford, Ill.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

11884— Pumps (Jet)

See also Injectors & Ejectors, Boiler

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
Douds Frank C. & Co., New Castle, Pa.
Tranter Mfg. Co. ("Defiance"), 105 Water, Pittsburgh, Pa.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book



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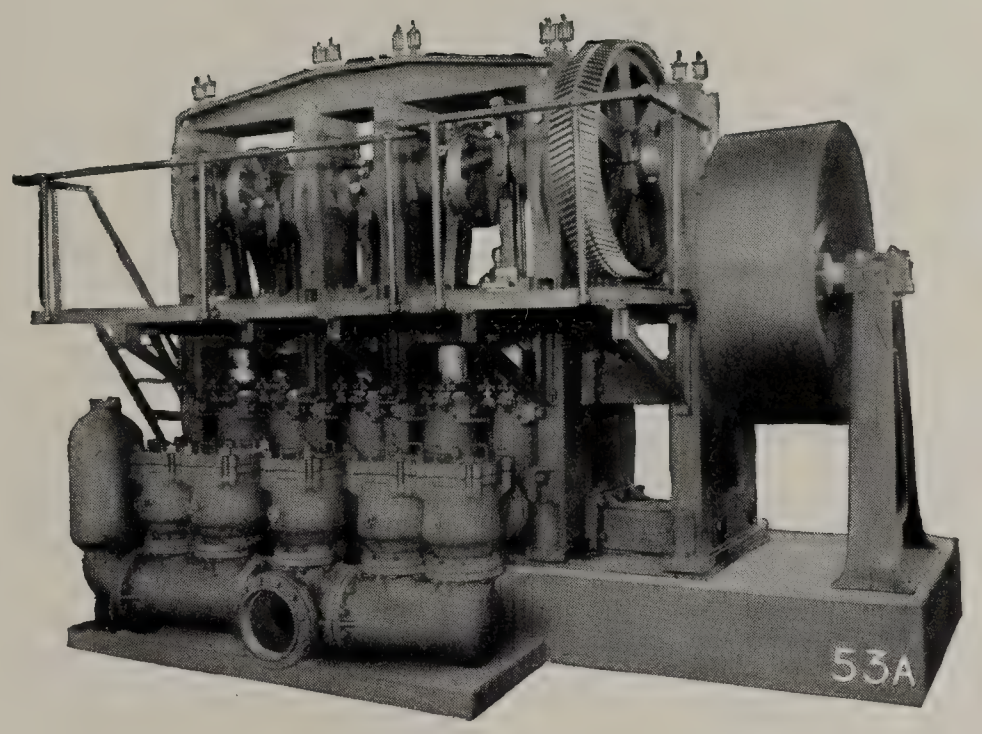

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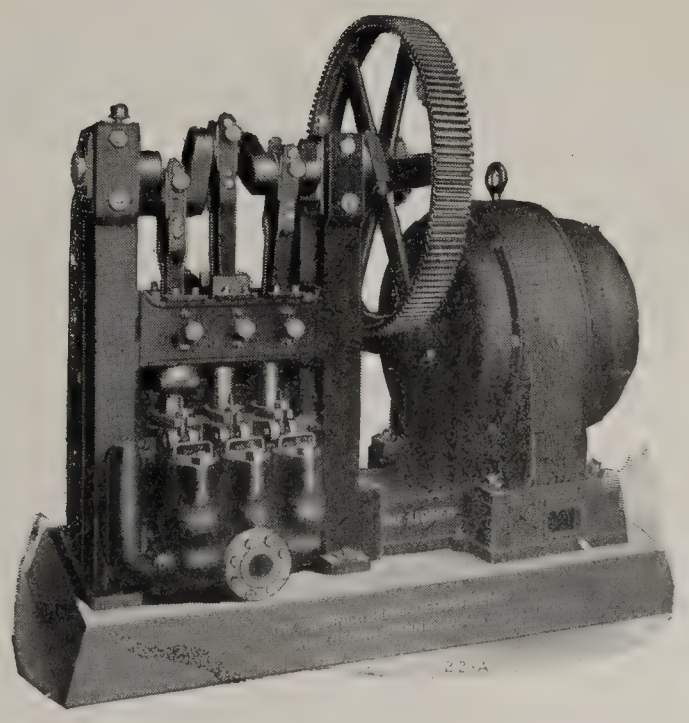

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Hendricks' Commercial Register

11885— Pumps (Juice)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
American Steam Pump Co., Battle Creek, Mich.
BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Blymyer Iron Works Co. (Hand or Power), Cincinnati, O.
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
DEMING CO., Salem, O.
See adv index at end of book
DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Gardner Governor Co., 14 Williamson, Quincy, Ill.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Hill Pump Co., Anderson, Ind.
Platt Iron Works Co., Dayton, O.
Squier Geo. L. Mfg. Co. (Power & Hand), Buffalo, N. Y.
Union Steam Pump Co., Battle Creek, Mich

11886—Pumps (Laboratory Vacuum)

BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Devine J. P. Co., Buffalo, N. Y.
Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwalk, Conn.
Schutte & Koerting Co., 1251 N 12th, Phila, Pa.

11887— Pumps (Liquor)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Central Stamping Co., 174 Fulton, New York
Gardner Governor Co., 14 Williamson, Quincy, Ill.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Judd & Leland Mfg. Co. ("Tornado" Beer), Clifton Springs, N. Y.
National Enameling & Stamping Co., 411 5th av, New York

11888—*Pumps (Low Service)

CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*
Vogt Bros. Mfg. Co., Louisville, Ky.
See adv index at end of book

Pumps (Lubricator)

See Lubricators, Oil Pump

11889— *Pumps (Magma)

CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
GUILD & GARRISON, 463 Kent av., Brooklyn, N. Y.

11890—Pumps (Manhole & Pile)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.

11891—*Pumps (Marine, Power)

Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
DEMING CO., Salem, O.
See adv index at end of book
NATIONAL TRANSIT PUMP & MACHINE CO., Oil City, Pa.
See adv index at end of book
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

Pumps (Marine, Steam)

See Pumps, Steam

Pumps (Measuring)

See Pumps, Oil, Self-Measuring

11892— *Pumps (Milk)

ELMES CHAS. F. ENGINEERING WORKS, (INC.), cor Fulton & Sangamon, Chicago, Ill.
See adv index at end of book

11893— Pumps (Mine)

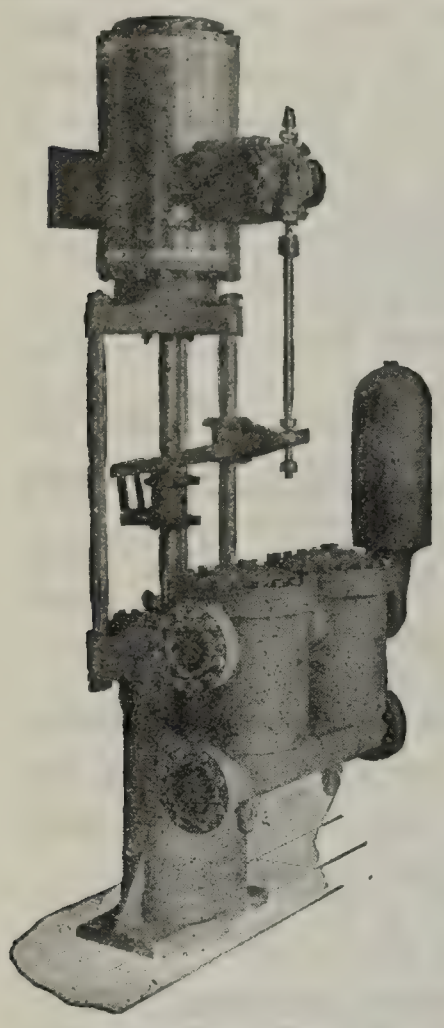
Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
ALDRICH PUMP CO. ("Aldrich," Triplex or Quintuplex, Cement Lined Electric), Allentown, Pa.
See adv index at end of book
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
American Steam Pump Co., Battle Creek, Mich.
BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Blakeslee Mfg. Co., Du Quoin, Ill.
Boyts Porter & Co. (Duplex Electric. Wood & Lead Lined), Connellsville Pa.
Buffalo Steam Pump Co., Buffalo, N. Y
Burton & Johnson Co., 2301 Center av Cleveland, O.
CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
Columbus Steam Pump Works Co., Columbus, O.
Connellsville Machine & Car Supply Co., Connellsville, Pa.
Crawford & McCrimmon Co. (Lead Lined. Acid Proof), Brazil, Ind.
Davidson M. T. Co., 43 Keap, Brooklyn, N. Y.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DE LAVAL STEAM TURBINE CO. (Centrifugal), East Trenton, N. J.
See adv index at end of book
DEMING CO., Salem, O.
See adv index at end of book
D'Olier Centrifugal Pump & Machine Co., 1421 Chestnut, Phila., Pa.
Dow Pump & Diesel Engine Co., 417 Market, San Francisco, Cal.
Dubois Iron Works, Dubois, Pa.
Edson Mfg. Co. ("Edson" & Prospecting), 257 Atlantic av, Boston, Mass.
ELLICOTT MACHINE CORP., Bush & Severn, Baltimore, Md.
See adv index at end of book
Epping-Carpenter Pump Co., ft 43rd, Pittsburgh, Pa.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Fairmont Mining Machy Co., Fairmont, W. Va
Frenier & Son, Rutland, Vt.
Gardner Governor Co., 14 Williamson, Quincy, Ill.
Garrett W. T. & Co., 299 Fremont, San Francisco, Cal.
GOULDS MFG. CO., 71 Wall, Seneca Falls, N. Y. *See adv index at end of book*
Goyne Steam Pump Co. (Goyne Bros. Props.) Works: Ashland, Pa.
Hall Steam Pump Co., 213 Galveston, Pittsburgh, Pa.
Hydraulic Engineering Works, 708 Fulton, Chicago, Ill.
Imperial Iron Works (Electric & Steam), Duluth, Minn.
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Jackson Byron Iron Works, Berkeley, Cal.
Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.
Kingsford Foundry & Machine Works, Oswego, N. Y.
Krogh Mfg. Co., 147 Beale, San Francisco, Cal.
Laursen Automatic Pump Co., Menomonie, **Wis.**
Lucas Miner Pump Co., Findlay & Erie R. R., Dayton, O.
Luitwieler Pumping Engine Co., Rochester, N. Y.
McGowan John H. Co., 52 Central av, Cincinnati, O.
Manistee Iron Works Co., Manistee, Mich.
Mine & Smelter Supply Co., 42 B'way, New York
Morris Machine Works, Baldwinsville, N. Y.
Mount Carmel Iron Works, Mount Carmel, Pa.
MYERS F. E. & BRO. ("Myers" & "New Century" Bulldozer), 800 Orange, Ashland, O. *See adv index at end of book*
National Foundry & Machine Co. ("Springer"), Louisville, Ky.
National Steam Pump Co., Upper Sandusky, O.
Norberg Mfg. Co., Chicago & Oklahoma av, Milwaukee, Wis.
Nye Steam Pump & Machinery Co., 701 N Western av, Chicago, Ill.
Pittsburgh Machine Tool Co. ("Curtis" Rotary), Braddock, Pa.
Platt Iron Works Co., Dayton, O.
Pneumelectric Machine Co., Syracuse, N. Y.
Pomona Mfg. Co., Pomona, Cal.
Pulsometer Steam Pump Co., 220 W 42nd, New York
Pulsometer Steam Pump Co., Irvington, N. J.
Reliance Machine & Tool Works ("Hooker"), Channing & Franklin avs, St. Louis, Mo.
Rumsey Pump Co. (Ltd.) Box J, Seneca Falls, N. Y. *See adv index at end of book*
Scranton Pump Co., Scranton, Pa.
Twinvolute Pump & Mfg. Co. ("Twinvolute"), 55 William, New York
Union Steam Pump Co., Battle Creek, Mich.
VOGT BROS. MFG. CO., Louisville, Ky.
See adv index at end of book
Wagener Steam Pump Co., Canton, O.
Weinman Pump Co., 300 Spruce, Columbus, O.
Weir & Craig Mfg. Co., 2421 Wallace, Chicago, Ill.
Wilson-Snyder Mfg. Co., 2 Ross, Pittsburgh, Pa.
Woodard Machine Co., Wooster, O.
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

11893a— *Pumps (Naphtha)

National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*

11894— Pumps (Oil)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
American Steam Pump Co., Battle Creek, Mich.
Barnes Mfg. Co., Mansfield, O.
BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Becker Milling Machine Co. ("Becker" for Machine Tools), Hyde Park, Mass.
Blackmer Rotary Pump Co., Petoskey, Mich.
Blanke W. F. Can & Mfg. Co., 116 Pine, St. Louis, Mo.
Bowser S. F. & Co., Ft. Wayne, Ind.
Buffalo Steam Pump Co., Buffalo, N. Y.
Butler Mfg. Co., Kansas City, Mo.
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
Davidson M. T. Co. (For Light Service), 43 Keap, Brooklyn, N. Y.
DE LAVAL STEAM TURBINE CO. (Centrifugal), East Trenton, N. J.
See adv index at end of book
DEMING CO., Salem, O.
See adv index at end of book
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Gardner Governor Co., 14 Williamson, Quincy, Ill.
Gas Machinery Co., 1900 Euclid av, Cleveland, O.
GILBERT & BARKER MFG. CO. ("Gilbert & Barker"), Springfield, Mass.
See adv index at end of book
Goulds Mfg. Co., 71 W Fall, Seneca Falls, **N. Y.** *See adv index at end of book*
Hanson Jos., Inwood, Ia.
Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.
Kraft A. C. ("Aztec," "Bools," "Coco," "Gross," "Heft," "Midget," "Stuhl," "Walker," "W. & E." & "Zetroc"), 323 W. Lake. Chicago, Ill.
Lobee Pump & Machinery Co., East Buffalo, N. Y.
Lummus Walter E. Co. ("Metrolift" Automatic), 173 Milk, Boston, Mass.
LUNKENHEIMER CO. ("Alpha," "Universal," "Imperial," "Invincible," "Marvel"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McCullough Mfg. Co., 2632 Central av, Minneapolis, Minn.
McDonald A. Y. Mfg. Co., (Kerosene & Gasoline Pumping Systems) Dubuque, Ia.



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National Transit Pump & Machine Company
Oil City, Pa.

PUMPS (OIL)—continued

NATIONAL TRANSIT PUMP & MACHINE CO., Oil City, Pa.
See adv index at end of book

Niagara Lubricator Co., Ellicott sq, Buffalo, N. Y.

Nugent Wm. W. & Co., 146 W Superior, Chicago, Ill. *See adv index at end of book*

Oberdorer M. L. Brass Co., 810 E Water, Syracuse, N. Y.

Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.

Platt Iron Works Co. (Power & Steam), Dayton, O.

Quimby Wm. E., 548 W 23d, New York

Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

HOPER C. F. & CO. ("Reco"), Hopedale, Mass. *See adv index at end of book*

RUMSEY PUMP CO., (Ltd.) Box J, Seneca Falls, N. Y. *See adv index at end of book*

Tokheim Mfg. Co., Cedar Rapids, Ia.

Union Steam Pump Co., Battle Creek, Mich.

Vogt Bros. Mfg. Co., Louisville, Ky.
See adv index at end of book

WORTHINGTON PUMP & MACHY. CORP., 115 B'way, Nek York
See adv index at end of book

11895—*Pumps (Oil Burning Outfits)

National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*

Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

11895a—*Pumps (Oil, Electric, Plunger & Geared)

NUGENT, WM. W. & CO., 146 W. Superior, Chicago, Ill.
See adv index at end of book

11896— Pumps (Oil Line)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.

American Steam Pump Co., Battle Creek, Mich.

Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book

Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.

Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.

Gardner Governor Co., 14 Williamson, Quincy, Ill.

Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*

Jamieson M. W. & Co., Warren, Pa.

Lucey Mfg. Corp., 233 B'way, New York
For branch offices see Alphabetical Section

NATIONAL TRANSIT PUMP & MACHINE CO., Oil City, Pa.
See adv index at end of book

Union Steam Pump Co., Battle Creek, Mich.

Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

11897—Pumps (Oil, Motor Cycle)

Imperial Brass Mfg. Co., 534 S Racine av, Chicago, Ill. *See adv index at end of book*

11898—Pumps (Oil or Gas Well)

American Steam Pump Co., Battle Creek, Mich.

Axleson Machine Co., Los Angeles, Cal.

Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book

Darling Pump & Mfg. Co., Williamsport, Pa.

Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.

Gardner Governor Co., 14 Williamson, Quincy, Ill.

LUCEY MANUFACTURING CORP., 233 B'way, New York
For branch offices see Alphabetical Section

Masseth Packer & Mach. Works, Butler, Pa.

Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwich, Conn.

National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*

Wilson & Willard Mfg. Co., Los Angeles, Cal.

11899—*Pumps (Oil Refinery)

BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book

Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book

Johnson John C., 203 37th, B'klyn, N. Y.

NATIONAL TRANSIT PUMP & MACHINE CO., Oil City, Pa.
See adv index at end of book

11900 Pumps (Oil Rotary

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.

BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book

Beman Automatic Oil Can Co. (Ltd.) ("Beman" Rotary Force for Oil & Other Liquids), Meadville, Pa.

Bowser S. F. & Co., Fort Wayne, Ind.

DEMING CO., Salem, O.
See adv index at end of book

Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.

GILBERT & BARKER MFG. CO. ("Gilbert & Barker"), Springfield, Mass.
See adv index at end of book

Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*

Lobee Pump & Machinery Co., East Buffalo, N. Y.

Lucey Mfg. Corp. of Tenn., Chattanooga, Tenn.

NUGENT WM. W. & CO. (Plunger & Electric), 146 W Superior, Chicago, Ill.
See adv index at end of book

Oberdorfer M. L. Brass Co., 810 E Water, Syracuse, N. Y.

Oil Well Supply Co., 215 Water, Pittsburgh, Pa.

Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

Taber Pump Co., Buffalo, N. Y.

Wilgus Mfg. Co. ("Wilgus"), Los Angeles, Cal.

Witt G. E. Co., 862 Howard, San Francisco, Cal.

11901—Pumps (Oil, Self-Measuring)

American Oil Pump & Tank Co., Findlay & Dalton, Cincinnati, O.

Beman Automatic Oil Can Co. (Ltd.) ("Beman"), Meadville, Pa.

Bowser S. F. & Co., Fort Wayne, Ind.

Chapin R. E. Mfg. Works ("Guthrie"), Batavia, N. Y.

Columbian Steel Tank Co., New England bldg, Kansas City, Mo.

Eastern Oil Tank Co. (Chas. E. Gee, Prop.), Lowell, Mass.

Enterprise Mfg. Co. of Pa., 3d & Dauphin, Phila., Pa.

Freeland B. F. Sons Co., Sturgis, Mich.

GILBERT & BARKER MFG. CO. ("Gilbert & Barker"), Springfield, Mass.
See adv index at end of book

Jones Automatic Measuring Pump Co., Shelbyville, Ind.

Kewanee Private Utilities Co., West Side, Kewanee, Ill.

Kraft A. C., 323 W Lake, Chicago, Ill.

Milwaukee Tank Works ("Milwaukee," "Quality"), 851 Kinnickinnic, Milwaukee, Wis.

National Pump Co., Dayton, O.

Richardson-Phenix Co., 122 Reservoir av, Milwaukee, Wis.
Tokheim Mfg. Co. (For Gasoline, Lubricating & Paint Oils), Cedar Rapids, Iowa
Vac Liquid Equipment Co. ('Vac"), Cedar Rapids, Ia.
Wayne Oil Tank & Pump Co., Ft. Wayne, Ind.
Western Oil Pump & Tank Co., 2437 Koschusko, St. Louis, Mo.
Wilson F. Cortez Co., 323 W Lake, Chicago, Ill.

11902—Pumps (Oil, Tin & Galvanized)

AMERICAN CAN CO., 120 Broadway, New York *See adv index at end of book*
Chapin R. E. Mfg. Works ("Eclipse," "Ideal," "Handy"), Batavia, N. Y.
Delphos Mfg. Co., 1st & Pierce, Delphos, O.
Gordon-Lawless Co., Omaha, Neb.
Hemp & Co., Vandeventer nr. Shaw, St. Louis, Mo.
Kraft A. C., 323 W Lake, Chicago, Ill.
National Enameling & Stamping Co., 411 5th av, New York

11903—*Pumps (Outside Packed)

Cameron A. S. Steam Pump Works, Bowling Green bldg, New York *See adv index at end of book*
National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*
Vogt Bros. Mfg. Co., Louisville, Ky. *See adv index at end of book*

11904—Pumps (Packing House)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
American Steam Pump Co., Battle Creek, Mich.
Beach-Russ Co., 220 B'way, New York *See adv index at end of book*
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York *See adv index at end of book*
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DE LAVAL STEAM TURBINE CO. (Centrifugal), East Trenton, N. J. *See adv index at end of book*
Gardner Governor Co., 14 Williamson, Quincy, Ill.

11905—Pumps (Paper Maker's Fan)

Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.
Morris Machine Works, Baldwinsville, New York
Rumsey Pump Co. (Ltd.) (For Forcing & Raising Pulp, etc), Box J, Seneca Falls, N. Y. *See adv index at end of book*

11906— Pumps (Paper Mill)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
American Steam Pump Co., Battle Creek, Mich.
BEACH-RUSS CO., 220 B'way, New York *See adv index at end of book*
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*
Buffalo Steam Pump Co., Buffalo, N. Y.
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York *See adv index at end of book*
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DE LAVAL STEAM TURBINE CO. (Centrifugal), East Trenton, N. J. *See adv index at end of book*
DEMING CO., Salem, O. *See adv index at end of book*
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Gardner Governor Co., 14 Williamson, Quincy, Ill.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.
Kingsford Fdry. & Mach. Works, Oswego, N. Y.
Kinney Mfg. Co. ("Kinney"), 3541 Washington, Boston, Mass.
Moore & White Co., N 15th & Lehigh av, Phila., Pa.
Morris Machine Works, Baldwinsville, New York
Nash Engineering Co. ("Nash" Hydroturbine), South Norwalk, Conn.
National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*
Platt Iron Works Co., Dayton, O.
Rice-Barton & Fales Machine & Iron Co., Worcester, Mass.
Smith & Winchester Mfg. Co., S Windham, Conn.
Twinvolute Pump & Mfg. Co. ("Twinvolute"), 55 William, New York
Union Steam Pump Co., Battle Creek, Mich.
WORTHINGTON PUMP & MACHY. CORP., 155 B'way, New York *See adv index at end of book*

11907—*Pumps (Paper Mill Suction Box Vacuum)

BEACH-RUSS CO., 220 B'way, New York *See adv index at end of book*
Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwalk, Conn.

11907a—*Pumps (Pipe Line)

NATIONAL TRANSIT PUMP & MACHINE CO., Oil City, Pa. *See adv index at end of book*

11908—Pumps (Pitcher Spout)

Columbiana Pump Co., Columbiana, O.
Crestline Mfg. Co. ("Crestline"), Crestline, Ohio
Davis-Hansen Co., Oshkosh, Wis.
DEMING CO., Salem, O. *See adv index at end of book*
Douglas W. & B., Middletown, Conn.
Flint & Walling Mfg. Co. ("Hosier"), **Kendallville, Ind.**
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Hayes Pump & Planter Co., Galva, Ill.
Humphryes Mfg. Co., Mansfield, O.
Lined, Iron or Brass), Mansfield, O.
Love M. A. Mfg. Co., Rockford, Ill.
MYERS F. B. & BRO. ("Myers" Brass Cylinder, Cog Gear), 800 Orange, Ashland, O. *See adv index at end of book*
Peters Pump Co., Kewanee, Ill.
Red Jacket Mfg. Co. ("Red Jacket"), Davenport, Ia.
Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y. *See adv index at end of book*
Trahern Pump Co., Rockford, Ill.
Ward Pump Co., Rockford, Ill.

11909—*Pumps (Plantation)

Cameron A. S. Steam Pump Works, Bowling Green bldg, New York *See adv index at end of book*
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J. *See adv index at end of book*
DEMING CO., Salem, O. *See adv index at end of book*
ELLICOTT MACHINE CORP., Bush & Severn, Baltimore, Md. *See adv index at end of book*

11910— Pumps (Plumbers')

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
Barnes Mfg. Co., Mansfield, O.
Darling O. J. & Co., 372 Kirby av, W Detroit, Mich.
DEMING CO., Salem, O. *See adv index at end of book*
Douglas W. & B., Middletown, Conn.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Humphryes Mfg. Co., Mansfield, O.
Kirkup Robert & Co., 616 Lodge, Cincinnati, O.
Knapp Mfg. & Supply Co., 241 Water, New York
Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y. *See adv index at end of book*
Wolverine Brass Works ("Plumbers' Friend"), Grand Rapids, Mich.

11911—Pumps (Plumbers' Force)

Boekel Wm. & Co. (Inclined Air), 518 Vine, Phila., Pa.
Crestline Mfg. Co., Crestline, O.
DEMING CO., Salem, O. *See adv index at end of book*
Elkhart Rubber Works (Rubber), Elkhart, Ind.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Humphryes Mfg. Co., Mansfield, O.
Kennedy J. E. ("Little Giant," Lift & Force), 30 E 42d, New York
Penna. Furnace & Stove Co., Warren, Pa.
Perkes Chas. (Est. of), 625 Arch, Phila., Pa.
Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y. *See adv index at end of book*

11912— Pumps (Plunger)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
American Steam Pump Co., Battle Creek, Mich.
Bowser S. F. & Co., Ft. Wayne, Ind.
Boyts, Porter & Co. ("Yough," Wood Lead Lined), Connellsville, Pa.
CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York *See adv index at end of book*
Davidson M. T. Co., 43 Keap, Brooklyn, N. Y.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DUNNING & BOSCHERT PRESS CO., INC., 379 W Water, Syracuse, N. Y. *See adv index at end of book*
Economy Pumping Machinery Co., 116 N Carpenter, Chicago, Ill.
Gardner Governor Co., 14 Williamson, Quincy, Ill.
Kinney Mfg. Cofl. ("Kinney" Rotating for Heating Plants), 3541 Washington, Boston, Mass.
Laughlin Thos. Co. ("Russell"), Portland, Me.
Mauch Chunk Iron Works, Mauch Chunk, Pa.
MYERS F. E. & BRO. ("Myers"), 800 Orange, Ashland, O. *See adv index at end of book*
NATIONA TRANSIT PUMP & MACHINE CO., Oil City, Pa. *See adv index at end of book*
Nugent W. W. & Co., 146 W. Superior, Chicago, Ill. *See adv index at end of book*
Pomona Mfg. Co., Pomona, Cal.
Union Steam Pump Co., Battle Creek, Mich.
Vogt Bros. Mfg. Co., Louisville, Ky. *See adv index at end of book*
Woodard Machine Co., Worcester, O.

11913— Pumps (Pneumatic)

See also Pneumatic Pumping Systems
BEACH-RUSS CO., 220 B'way, New York *See adv index at end of book*
Chicago Pump Co. (Water Supply), 904 W Lake, Chicago, Ill. *See adv index at end of book*
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Davis-Hansen Co., Oshkosh, Wis.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DEMING CO., Salem, O. *See adv index at end of book*
Fairbanks, Morse & Co. (Also Auto-Pneumatic), 900 S Wabash av, Chicago, Ill.
Fort Wayne Engineering & Mfg. Co. ("Paul"), Fort Wayne, Ind.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Ingersoll-Rand Co., 11 B'way, New York *See adv index at end of book*
Lummus Walter E. Co. ("Metrolift" Automatic), 173 Milk, Boston, Mass.
Lunt Moss Co., 43 S Market, Boston, Mass.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
Merritt Hydraulics Co., 110 N Broad, Phila., Pa.
Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwalk, Conn.
Peters Pump Co., Kewanee, Ill.
Worthington Pump & Machinery Corp., 115 B'way, New York *See adv index at end of book*

11914—Pumps (Pneumatic Displacement)

Ingersoll-Rand Co., 11 B'way, New York *See adv index at end of book*
Latta-Martin Pump Co., Hickory, N. C.
Lummus Walter E. Co. ("Metrolift" Automatic), 173 Milk, Boston, Mass.

11915— Pumps (Power)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*

PUMPS (POWER)—continued

American Cement Machine Co., Keokuk, Ia.
American Steam Pump Co., Battle Creek, Mich.
BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Bessemer Gas Engine Co., Grove City, Pa.
Bowser S. F. & Co., Fort Wayne, Ind.
Buffalo Steam Pump Co., Buffalo, N. Y.
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
Carlin John H. Machine Co. (& Steam), Pittsburgh, Pa.
Challenge Co., Batavia, Ill.
Clot & Crist Machine Co., 940 Bryant, San Franciseco, Cal.
Columbiana Pump Co., Columbiana, O.
Columbus Steam Pump Works Co., Columbus, O.
Connersville Blower Co., Connersville, Ind.
Crestline Mfg. Co. ("Crestline" Belt Driven), Crestline, O.
Davidson M. T. Co., 43 Keap, Brooklyn, N. Y.
Dayton Pump & Mfg. Co., Dayton, O.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
See adv index at end of book
DEMING CO., Salem, O.
See adv index at end of book
Douglas W. & B., Middletown, Conn.
Dubois Iron Works (High Duty), Dubois, Pa.
DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Evans C. H. & Co., 187 Fremont, San Francisco, Cal.
Fairbanks, Morse & Co. ("Fairbanks Morse," "Typhoon" & "Eclipse"), 900 S Wabash av, Chicago, Ill.
Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.
Ft. Wayne Engineering & Mfg. Co., Ft. Wayne, Ind.
Foster Pump Works (Electric & Belt Driven), 36 Bridge, Brooklyn, N. Y.
French Oil Mill Machinery Co. (High & Low Pressure for Cottonseed & Linseed Oil Mills, etc), Piqua, O.
Fulton Machine & Vise Co., Lowville, N. Y.
Gardner Governor Co., 14 Williamson, Quincy, Ill.
Glenn & Stiteler, 421 N 19th, Phila., Pa.
GOULDS MFG. CO., 71 W Fall, Seneca Falls, N. Y.
See adv index at end of book
Hayes Pump & Planter Co. (Triple Cylinder), Galva, Ill.
Hill Pump Co., Anderson, Ind.
Humphryes Mfg. Co. (For Contractors' Use), Mansfield, O.
Hydraulic Press Mfg. Co., Mt. Gilead, O.
Jackson Byron Iron Wks., 357-361 Market, San Francisco, Cal.
Jervis Engine & Machine Works ("Jarvis"), Lansing, Mich.
La Vergne Pump Co. (Portable Gasoline), 284 No 5th, Newark, N. J.
Lobee Pump & Machinery Co., East Buffalo, N. Y.
Lucas Pump Co. ("Lucas" Double Acting Triplex), Dayton, O.
McDonald A. Y. Mfg. Co. (Air & Water), Dubuque, Ia.
McGowan John H. Co., 52 Central av, Cincinnati, O.
Mast, Foos & Co. ("Buckeye" Force), Springfield, O.
Milwaukee Air Power Pump Co., 886 3d, Milwaukee, Wis.
MYERS F. E. & BRO. ("Myers" Bulldozer & Hydro-Pneumatic Imperial), 800 Orange, Ashland, O.
See adv index at end of book
Nash Engineering Co. ("Nash" Hydro-Turbine., South Norwalk, Conn.
National-Standard Co., Box 211, Niles, Mich.
NATIONAL TRANSIT PUMP & MACHINE CO., Oil City, Pa.
See adv index at end of book
Ohio Valley Supply Co., Marietta, O.
Oliver Continuous Filter Co., 503 Market, San Francisco, Cal., & 299 Madison av, New York
Pacific Pump & Supply Co., 853 Folsom, San Francisco, Cal.
Peters Pump Co., Kewanee, Ill.
Platt Iron Works Co., Dayton, O.
Quimby Wm. E., 548 W 23rd, New York
Roberts Geo. J. Co., Dayton, O.
Roots P. H. & F. M. Company, Connersville, Ind.
Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y.
See adv index at end of book
Sandusky Foundry & Machine Co., Sandusky, O.
Scranton Pump Co., Scranton, Pa.
Smedley Steam Pump Co., Dubuque, Ia.
Stewart Heater Co., Buffalo, N. Y.
Tokheim Mfg. Co. (For Gasoline, Lubricating & Paint Oils), Cedar Rapids, Ia.
Trimount Rotary Power Co. ("Trimount" Rotary), 18 Heath, Boston, Mass.
Union Steam Pump Co., Dime Bank bldg, Battle Creek, Mich.
Vogt Bros. Mfg. Co., Louisville, Ky.
See adv index at end of book

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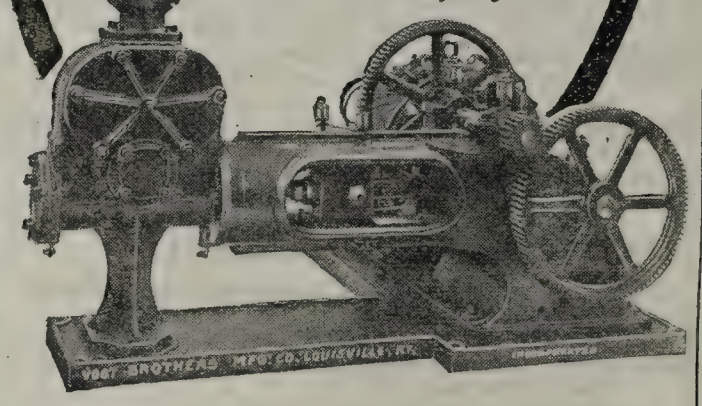

Walker Mfg. Co. (Up to 1,000,000 Gallons Daily), Fenton, Mich.
Warren Steam Pump Co., Warren, Mass.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
Weinman Pump Mfg. Co. (Geared, Electric, Belt Driven, etc), 800 Spruce, Columbus, O.
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.
WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book

Pumps (Pressure)

See Pumps, Steam

11916—*Pumps (Pressure Tank)

National Transit Pump & Machine Co., Oil City, Pa.
See adv index at end of book

11917—*Pumps (Private Water Works)

Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
DE LAVAL STEAM TURBINE CO. (Centrifugal), East Trenton, N. J.
See adv index at end of book
DEMING CO., Salem, O.
See adv index at end of book

11918— Pumps (Propeller)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
Dean Bros, Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Morris Machine Works, Baldwinsville, N. Y.

11919—Pumps (Pulp Grinder)

Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DEMING CO., Salem, O.
See adv index at end of book
Gardner Governor Co., 14 Williamson, Quincy, Ill.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*

11920— *Pumps (Quarry)

BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
See adv index at end of book
DEMING CO., Salem, O.
See adv index at end of book
ELLICOTT MACHINE CORP., Bush & Severn, Baltimore, Md.
See adv index at end of book
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Vogt Bros. Mfg. Co., Louisville, Ky.
See adv index at end of book
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

11921—*Pumps (Railroad Force)

DEMING CO., Salem, O.
See adv index at end of book

11921a—*Pumps (Receiver)

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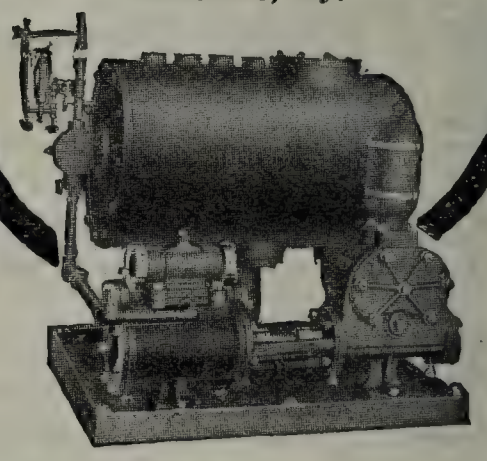

11922—*Pumps (Reciprocating)

Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Vogt Bros. Mfg. Co., Louisville, Ky.
See adv index at end of book

11923—*Pumps (Reclamation)

Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
See adv index at end of book
ELLICOTT MACHINE CORP., Bush & Severn, Baltimore, Md.
See adv index at end of book
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*

11924—*Pumps (Return Line Vacuum Heating)

BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Vogt Bros. Mfg. Co., Louisville, Ky.
See adv index at end of book

11925— Pumps (Rotary)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
Aterite M. H. Co., Inc. (For Sulphuric Acid), 55 John, New York
Bagley & Sewall Co. (And Reciprocating), Watertown, N. Y.
Barnes Mfg. Co., Mansfield, O.
BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Blackmer Rotary Pump Co., Petoskey, Mich.
Bowser S. F. & Co., Fort Wayne, Ind.
Century Pump Co., 719 6th, Brooklyn, N. Y.
Davis-Johnson Mfg. Co., 4518 Lexington, Chicago, Ill.
DEMING CO., Salem, O.
See adv index at end of book
Diamond Machine Co., Monongahela, Pa.
Douglas W. & B., Middletown, Conn.
Fairbanks, Morse & Co. (Force, etc), 900 S Wabash av, Chicago, Ill.
Foster Pump Works (Also Rotary Handle), 36 Bridge, Brooklyn, N. Y.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Hersey Mfg. Co. (Soap), 314 W 2nd, South Boston, Mass.
Holyoke Machine Co., Holyoke, Mass.
Humphrey Machine Co., Keene, N. H.
Humphryes Mfg. Co. (Garage), Mansfield, Ohio
Hunt Rodney Mach. Co. (Fire), Orange, Mass.
Hydraulic Press Mfg. Co., Mt. Gilead, O.
Lipman Mfg. Co., Beloit, Wis.
Lobee Pump & Machine Co., East Buffalo, N. Y.
Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwalk, Conn.
Perrin Wm. R. & Co., Old Colony bldg, Chicago, Ill.
Pittsburgh Machine Tool Co. ("Curtis" Mine), Braddock, Pa.
Ross Chas. & Son Co. ("Ross" for White Lead & Putty), 148 Classon av, Brooklyn, N. Y.
RUMSEY PUMP CO. (LTD.) (Force, Fire & Oil Service), Box J, Seneca Falls, N. Y. *See adv index at end of book*
Southwark Foundry & Machine Co., 430 Washington av, Phila., Pa.
Taber Pump Co. (Beer Circulating & Racking, etc), Buffalo, N. Y.
Trahern Pump Co. (Head & Power), Rockford, Ill.
Trimount Rotary Power Co. ("Trimount" Hand & Power), 18 Heath, Boston, Mass.
Twinvolute Pump & Mfg. Co. ("Twinvolute"), 55 William, New York
Yeomans Bros. Co., 231 Institute pl, Chicago, Ill.

Pumps (Rotary Oil)

See Pumps, Oil Rotary

11926—*Pumps (Rotative Dry Vacuum)

BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

11927—Pumps (Sand Feed, Stone Sawing)

Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Frenier & Son, Rutland, Vt.

11928—Pumps (Sand & Dredging)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
Buffalo Steam Pump Co., Buffalo, N. Y.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
ELLICOTT MACHINE CORP., Bush & Severn, Baltimore, Md.
See adv index at end of book
Erie Pump & Engine Works, Inc. ("Erie"), 141 Glenwood av, Medina, N. Y.
See adv index at end of book
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Fort Worth Well Machy. & Supply Co. (Sand for Cleaning Out), Fort Worth, Tex.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Hendy Joshua Iron Works (Spiral Sand Pumps), 75 Fremont, San Francisco, Cal.
Jackson Byron Iron Works, Berkeley, Cal.
Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.
Kansas City Hay Press Co. ("Lightning" Pump, Sand Only), Kansas City, Mo.
Kingsford Foundry & Machine Works (Belt or Engine Driven, etc), Oswego, N. Y.
Larkin & Co. ("Palm's" Combination Sand Pump & Butler, "Larkin" Improved Sand Pump), Butler, Pa.
Lawrence Pump & Engine Co. ("Vortex" Belt & Engine Driven), Lawrence, Mass.
Lucey Mfg. Corp., 233 B'way, New York
For branch offices see Alphabetical Section
Morris Machine Works, Baldwinsville, N. Y.
Norbom Engineering Co. (Dredging), Denckler bldg, Phila., Pa.
Nye Steam Pump & Machinery Co., 701 N Western av, Chicago, Ill.
Potts C. & A. & Co., Indianapolis, Ind.
Pulsometer Steam Pump Co., 220 W 42nd, New York
Strait H. N. Mfg. Co., Kansas City, Kans.
Taylor-Wharton Iron & Steel Co. (Hydraulic), High Bridge, N. J.
United Iron Works, Oakland, Cal.
Van Wie Pump Co., 715 W Fayette, Syracuse, N. Y.
Wilson-Snyder Centrifugal Pump Co., 2 Ross, Pittsburgh, Pa.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.
Yuba Mfg. Co., Insurance Exch. bldg, San Francisco, Cal.

11929— Pumps (Screw)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*

Pumps (Self-Measuring)

See Pumps, Oil, Self-Measuring

11930—Pumps (Service & Drip)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
American Steam Pump Co., Battle Creek, Mich.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Gardner Governor Co., 14 Williamson, Quincy, Ill.
Phoenix Meter Co., Camden, N. J.

11931— Pumps (Sewage)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
American Cement Machine Co., Keokuk, Ia.
Buffalo Steam Pump Co., Buffalo, N. Y.
CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
Davidson M. T. Co., 43 Keap, Brooklyn, N. Y.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DE LAVAL STEAM TURBINE CO. (Centrifugal), East Trenton, N. J.
See adv index at end of book
DEMING CO., Salem, O.
See adv index at end of book
Dubois Iron Works, Dubois, Pa.
Economy Pumping Machinery Co., 116 N Carpenter, Chicago, Ill.
Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.
ELLICOTT MACHINE CORP., Bush & Severn, Baltimore, Md.
See adv index at end of book
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Jackson Byron Iron Works, Berkeley, Cal.
Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.
Latta-Martin Pump Co., Hickory, N. C.
Lobee Pump & Machinery Co., East Buffalo, N. Y.
Merritt Hydraulics Co., 110 N Broad, Phila., Pa.
Morris Machine Works, Baldwinsville, N. Y.
Priestman Albert ("Priestman"), 328 Chestnut, Philadelphia, Pa.
Quimby Wm. E., 548 W 23d, New York
Twinvolute Pump & Mfg. Co. ("Twinvolute"), 55 William, New York
Union Steam Pump Co., Battle Creek, Mich.
Vogt Bros. Mfg. Co., Louisville, Ky.
See adv index at end of book
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

11932—Pumps (Ship & Deck)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
American Steam Pump Co., Battle Creek, Mich.
Barnes Mfg. Co., Mansfield, O.
Bishop's Wm. Sons (Brass Deck Fire), 18 James, New York
Columbiana Pump Co., Columbiana, O.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DE LAVAL STEAM TURBINE CO. (Centrifugal), East Trenton, N. J.
See adv index at end of book
DEMING CO. ("Triumph"), Salem, O.
See adv index at end of book
Douglas W. & B., Middletown, Conn.
Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Humphryes Mfg. Co., Mansfield, O.
Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.
Marine Mfg. & Supply Co., 158 South, New York
MYERS F. E. & BRO. (Century Defiance), 800 Orange, Ashland, O.
See adv index at end of book
Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y.
See adv index at end of book
Sands Alfred B. & Son Co., 20 Vesey, New York
Union Steam Pump Co., Battle Creek, Mich.
Van Duzen E. W. Co., 428 E 2d, Cincinnati, O.
Vogt Bros. Mfg. Co., Louisville, Ky.
See adv index at end of book
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.

11933— Pumps (Sinking)

ALDRICH PUMP CO. (Electric, Vertical, Triplex, etc.), Allentown, Pa.
See adv index at end of book
American Steam Pump Co., Battle Creek, Mich.
Boyts, Porter & Co., Connellsville, Pa.
Buffalo Steam Pump Co., Buffalo, N. Y.
CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
Clot & Crist Machine Co., 940 Bryant, San Francisco, Cal.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DE LAVAL STEAM TURBINE CO. (Centrifugal), East Trenton, N. J.
See adv index at end of book
Fairbanks, Morse & Co. (Electric & Steam), 900 S Wabash av, Chicago, Ill.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Hall Steam Pump Co., 213 Galveston, Pittsburgh, Pa.
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
Imperial Iron Works, Duluth, Minn.
Jackson Byron Iron Works, Berkeley, Cal.
Krogh Mfg. Co., 147 Beale, San Francisco, Cal.
Luitwieler Pumping Engine Co., Rochester, N. Y.

PUMPS (SINKING)—continued

National Steam Pump Co., Upper Sandusky, O.
Platt Iron Works Co., Dayton, O.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
Union Steam Pump Co., Battle Creek, Mich.
Vogt Bros. Mfg. Co., Louisville, Ky.
See adv index at end of book
WORTHINGTON PUMP & MACHY. CORP. (Steam or Electric Mine), 115 B'way, New York
See adv index at end of book

11934— Pumps (Size)

Cohoes Iron Foundry & Machine Co., Cohoes, N. Y.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Saco-Lowell Shops (Hydraulic), 77 Franklin, Boston, Mass.

11935— Pumps (Slip)

American Clay Machinery Co. (Portable Hand Power, with Tank), S Walnut, Bucyrus, O.
CROSSLEY MACHINE CO. (For Clay, etc), State & Chestnut av, Trenton, N. J. *See adv index at end of book*
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.

11936— Pumps (Slurry)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.

11937— *Pumps (Slush)

NATIONAL TRANSIT PUMP & MACHINE CO., Oil City, Pa.
See adv index at end of book
Vogt Bros. Mfg. Co., Louisville, Ky.
See adv index at end of book
WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book

11938— Pumps (Soapmakers')

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
American Steam Pump Co., Battle Creek, Mich.
Dean Bros. Steam Pump Works, Indianapolis, Ind.
De Laval Steam Turbine Co., East Trenton, N. J. *See adv index at end of book*
Hersey Mfg. Co. (Rotary), 314 W 2nd, South Boston, Mass.
Lobee Pump & Machy. Co. ("Lobee"), Buffalo, N. Y.
VOGT BROTHERS MFG. CO., Louisville, Ky. *See adv index at end of book*

11939— Pumps (Spray)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
American Steam Pump Co., Battle Creek, Mich.
Baltimore Cooperage Co., The, cor Hanover & Creek, Baltimore, Md.
Bateman Mfg. Co. ("Iron Age"), Grenloch, N. J.
Brandt Mfg. Co. ("Eureka," Compressed Air, "Peerless," "Perfection," "Simplex"), **310 3rd av N, Minneapolis,** Minn.
Brown E. C. Co. ("Auto Spray"), Rochester, N. Y.
Bushnell Pump Co., Bushnell, Ill.
Columbiana Pump Co., Columbiana, O.
Crestline Mfg. Co., Crestline, O.
Dayton Mfg. Co., Dayton, O.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DEMING CO. (Cart, Tank & Power Spray Pumps), Salem, O.
See adv index at end of book
Doughten H. W., Moorestown, N. J.
Douglas W. & B., Middletown, Conn.
Eureka Mower Co. (Atomizers), 16 Hickory, Utica, N. Y.
Fairbanks, Morse & Co., ("Typhoon"), 900 S Wabash av, Chicago, Ill.
Favorite Mfg. Co. ("Favorite"), 319 Mt. Vernon av, Columbus, O.
Field Force Pump Co., Elmira, N. Y.
Field Force Pump Co. ("Empire King, Garfield Knapsack," "Wooster," "New Watson-Ospraymo," "Yellow Jacket," "Red Jacket," "Empire Leader," "Junior Leader," "Senior Leader," "Royal Leader," Potato Sprayer), Elyria, N. Y.
Fitzhenry-Guptill Co. (Power), 135 1st, Cambridge, Mass.
Flater H. & Son, Findlay, O.
Friend Mfg. Co. (Hand), Gasport, N. Y.
Gardner Governor Co., 14 Williamson, Quincy, Ill.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Hardie Mfg. Co., Hudson, Mich.
Hayes Pump & Planter Co. (Hand & Power), Galva, Ill.
Hess, Snyder Co. ("Novelty"), Massillon, Ohio
Humphryes Mfg. Co., Mansfield, O.
Hurst H. L. Mfg. Co. ("Fitz-All" Combination Potato & Orchard Horse & Wheelbarrow Power), Ohio
Judd & Leland Mfg. Co. ("Cyclone," "Little Wonder," "Tornado," "Little Grand"), Clifton Springs, N. Y.
Koenigkramer F. F. (For Trees, Whitewashing & Water Painting), 1914 Western av, Cleveland, O.
Kohler F. E. Co., Canton, O.
Latham & Co., Sandusky, O.
Lauson-Lawton Co., De Pere, Wis.
Lowell Specialty Co., Lowell, Mich.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
Mast, Foos & Co. ("Buckeye"), Springfield, O.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Morrill & Morley Mfg. Co. ("Eclipse" & "Eureka"), Benton Harbor, Mich.
MYERS F. E. & BRO. ("Little Giant," "Imperial" Lever Bucket, "Myers Improved," "Myers Handy," "Myers O. K.," "Myers Perfect," "Myers" Whitewashing or Painting Machine, "Myers" Hydraulic, "Myers" Cog

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See adv index at end of book
Niagara Sprayer Co., Middleport, N. Y.
Orchard Machinery Mfg. Co. ("Gamo Triplex" Orchard), Gasport, N. Y.
Peppler Thos. Son & Co. ("Perfection" Sprayers), Hightown, N. J.
Potato Implement Co. (Knapsack Sprayers Atomizers & Powder Guns), Traverse City, Mich.
Red Cross Mfg. Co., Bluffton, Ind.
Rippley Mfg. & Steel Boat Co. (Sprayers), Grafton, Ill.
Rochester Spray Pump Co. ("W. & R."), Rochester, N. Y.
Rome Bicycle Mfg. Co., Rome, N. Y.
Rumsey Pump Co. (Ltd.), (Force & Knapsack), Box J, Seneca Falls, N. Y.
See adv index at end of book
Smith D. B. & Co., Utica, N. Y.
Stahl Wm. Sprayer Co. ("Excelsior"), Quincy, Ill.
Standard Stamping Co. ("Standard"), Marysville, O.
Star Brass Wks., 3114 Carroll av, Chicago, Ill.
Termaat & Monahan Mfg. Co. (Spraying Outfits), Oshkosh, Wis.
Trahern Pump Co., Rockford, Ill.
Union Steam Pump Co. (Fruit Spraying), Battle Creek, Mich.
Ward Pump Co., Rockford, Ill.
Wright Mfg. Co., Pontiac, Mich.

11940—Pumps (Spray, Barrel)

Barnes Mfg. Co., Mansfield, O.
Bateman Mfg. Co. ("Iron Age"), Grenloch, N. J.
Bean Spray Pump Co., San Jose, Cal.
Brandt Mfg. Co. ("Wide World"), 310 3rd av N, Minneapolis, Minn.
Brown E. C. Co. ("Auto-Spray"), Rochester, N. Y.
Bushnell Pump Co., Bushnell, Ill.
Church Bros., Adrian, Mich.
Columbiana Pump Co., Columbiana, O.
Crestline Mfg. Co. ("Crestline, Double Acting, etc), Crestline, O.
DEMING CO. ("Captain," "Century," "Major"), Salem, O.
See adv index at end of book
Douglas W. & B. ("Arlington," "Saybrook"), Middletown, Conn.
Field Force Pump Co. ("Empire King," "Junior Empire"), Elmira, N. Y.
Friend Mfg. Co., Gasport, N. Y.
Goulds Mfg. Co. ("Fruitfull," "Pomona," "Savelot," "Standard"), 71 W Fall, Seneca Falls, N. Y.
See adv index at end of book
Hardie Mfg. Co., Hudson, Mich.
Hayes Pump & Planter Co., Galva, Ill.
Humphryes Mfg. Co., Mansfield, O.
LeRoy Plow Co., LeRoy, N. Y.
Mast. Foos & Co. ("Buckeye"), Springfield. O
Morrill & Morley Mfg. Co., Benton Harbor, Mich.
MYERS F. E. & BRO. ("Century," "Perfect" Cog Gear), 800 Orange, Ashland, O. *See adv index at end of book*
Rochester Spray Pump Co., Rochester, N. Y.
Rumsey Pump Co. (Ltd.), ("Harvard," "Essex," "Superior"), Box J, Seneca Falls, N. Y. *See adv index at end of book*
Smith D. B. & Co. ("Lightning" & "Yankee"), Utica, N. Y.
Stahl Wm. Sprayer Co. ("Excelsior"), Quincy, Ill.

11941—Pumps (Spray, Bucket)

Barnes Mfg. Co. ("Perfection"), Mansfield, O.
Bateman Mfg. Co. ("Iron Age"), Grenloch, N. J.
Bean Spray Pump Co., San Jose, Cal.
Brown E. C. Co. ("Auto-Spray"), Rochester, N. Y.
Bushnell Pump Co., Bushnell, Ill.
Church Bros., Adrian, Mich.
Crestline Mfg. Co. ("Crestline"), Crestline, O.
DEMING CO. ("Perfect Success," "Prize," "Success"), Salem, O.
See adv index at end of book
Douglas W. & B. ("Aquapeller," "Aqua Jack," "Gardener," "Aquapult," "Aquarius"), Middletown, Conn.
Field Force Pump Co. ("Little Gem"), Elmira, N. Y.
Goulds Mfg. Co. ("Bordeau," "Premier"), 71 W Fall, Seneca Falls, N. Y.
See adv index at end of book
Hardie Mfg. Co., Hudson, Mich.
Holl Mfg. Co. ("Novelty"), 45 N Division, Buffalo, N. Y.
Humphryes Mfg. Co., Mansfield, O.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
MYERS F. E. & BRO. ("Defiance," "Imperial," "Little Giant," "Perfect" Cog Gear Lever), 800 Orange, Ashland, O.
See adv index at end of book
Rochester Spray Pump Co., Rochester, N. Y.
Smith D. B. & Co. ("Lightning"), Utica, N. Y.
Stahl Wm. Sprayer Co. ("Excelsior"), Quincy, Ill.

11942— *Pumps (Station)

CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
Vogt Bros. Mfg. Co., Louisville, Ky.
See adv index at end of book

11943— Pumps (Steam)

Advance Packing & Supply Co., 11-15 N Franklin, Chicago, Ill.
Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
American Steam Pump Co., Battle Creek, Mich.
Amer. Well & Prospecting Co., Corsicana, Tex.
Anderson Mach. & Fdry. Co., Anderson, S. C.
Baltimore Pump Co., The, 6 E German, Baltimore, Md.
Blake & Knowles Steam Pump Wks., 115 B'way, New York
Blakeslee Mfg. Co., DuQuoin, Ill.
Boyts Porter & Co. ("Yough"), Connellsville, Pa.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Buffalo Steam Pump Co., Buffalo, N. Y.
Burton & Johnson Co., 2301 Center av, Cleveland, O.
CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
Cardwell Machine Co., Richmond, Va.
Carthage Fdry & Machine Works, Carthage, Mo.
Century Pump Co. (Direct Acting & Duplex), 719 6th, Brooklyn, N. Y.
Century Pump Works, Carthage, Mo.
Clot & Crist Machine Co., 940 Bryant, San Francisco, Cal.
Columbus Steam Pump Works Co., Columbus, Ohio
Connellsville Machine & Car Supply Co. ("Lafayette"), Connellsville, Pa.
Cook August D. (Deep Well), Lawrenceburg, Ind.
Crawford & McCrimmon Co., Brazil, Ind.
Davidson M. T. Co., 43 Keap, Brooklyn, N. Y.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DE LAVAL STEAM TURBINE CO. (Centrifugal), East Trenton, N. J.
See adv index at end of book
Dow Pump & Diesel Engine Co., 417 Market, San Francisco, Cal.
Dubois Iron Works ("Simplex"), Dubois, Pa.
Edwards Jos. & Co., 827 E. 9th, New York
Emerson Pump & Valve Co., Alexandria, Va.
Emerson Steam Pump Co. (Steam Vacuum), Alexandria, Va.
Epping-Carpenter Pump Co., ft. 43rd, Pittsburgh, Pa.
Evans C. H. & Co. ("Thomson & Evans"), 187 Fremont, San Francisco, Cal.

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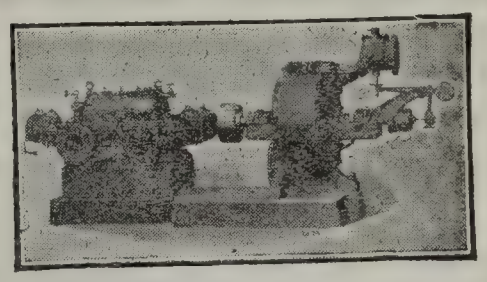
See List of Branches in Alphabetical Index. End of Book



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PUMPS (STEAM)—continued

Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Foster Pump Works ("Hardick"), 36 Bridge, Brooklyn, N. Y.
Fritz Geo. J. Foundry & Machine Co. (Brewers' Steam Air), 2018 S 3d, St. Louis, Mo.
Furness Bros. Co., 1613 Walnut, Chicago, Ill.
Gardner Governor Co., 14 Williamson, Quincy, Ill.
Garratt W. T. & Co., 299 Fremont, San Francisco, Cal.
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
Goyne Steam Pump Co., Ashland, Pa.
Grant Iron Works, Mahanoy City, Pa.
Great Lakes Engng. Works, Detroit, Mich.
GUILD & GARRISON, 463 Kent av, Brooklyn, N. Y.
Hall Steam Pump Co., 213 Galveston, Pittsburgh, Pa.
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
Hill Pump Co., Anderson, Ind.
Hills, McCanna Co., 153 W Kinzie, Chicago, Ill.
Hooker Steam Pump Wks., 318 Granite bldg, St. Louis, Mo.
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Imperial Iron Works (Mine), Duluth, Minn.
Jackson Byron Iron Works, Berkeley, Cal.
Jamieson M. W. & Co., Warren, Pa.
Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.
Jersey City Machine Co., 113 Plymouth, Jersey City, N. J.
See adv index at end of book
Johnson John Co., 203 37th, B'klyn, N. Y.
KEYSTONE DRILLER CO. ("Downie"), Beaver Falls, Pa.
Luitwieler Pumping Engine Co., Rochester, N. Y.
LUCEY MANUFACTURING CORP. ("Bull Dog," "Lucey"), 233 B'way, New York
For branch offices see Alphabetical Section
McGowan John H. Co., 52 Central av, Cincinnati, O.
Manistee Iron Works Co. (Marine), Manistee, Mich.
Morris Machine Works, Baldwinsville, N. Y.
Mt. Carmel Iron Works, Mt. Carmel, Pa.
National Foundry & Machine Co. ("Reilly"), Louisville, Ky.
National Steam Pump Co. (High Duty), Upper Sandusky, O.
NATIONAL TRANSIT PUMP & MACHINE CO., Oil City, Pa.
See adv index at end of book
Norberg Mfg. Co., Milwaukee, Wis.
Northwestern Iron Works (Marine), Seattle, Wash.
Nye Steam Pump & Machinery Co., 701 N Western av, Chicago, Ill.
Ocean Shore Iron Wks., 550 8th, San Francisco, Cal.
Pattin Bros. Co., Marietta, O.
Platt Iron Works Co. ("Smith-Valle"), Dayton, O.
Pratt Engineering & Machine Co., Atlanta, Ga.
Prescott Co., Menominee, Mich.
Prescott Fred M. Steam Pump Co., 115 B'way, New York
Pulsometer Steam Pump Co., 220 W 42nd, New York
Reilly Steam Pump Works, Louisville, Ky.
Reliance Machine & Tool Works ("Hooker"), Channing & Franklin av, St. Louis, Mo.
Rodgers Iron Mfg. Co., Muskegon, Mich.
Scranton Pump Co., Scranton, Pa.
Smedley Steam Pump Co., Dubuque, Ia.
Southwark Fdry & Mach. Co., 430 Washington av, Phila., Pa.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
Union Steam Pump Co. ("Moore," "Burnham"), Battle Creek, Mich.
Van Duzen E. W. Co. (Jets), 428 E 2d, Cincinnati, O.
Van Wie Pump Co., 715 W Fayette, Syracuse, N. Y.
Virginia Foundry & Machine Co. ("Osborn"), Virginia, Minn.
Vogt Bros. Mfg. Co., Louisville, Ky.
See adv index at end of book
Wagener Steam Pump Co., Canton, O.
Walker Mfg. Co., Fenton, Mich.
Warren Steam Pump Co., Warren, Mass.
Weinman Pump Mfg. Co., 300 Spruce, Columbus, O.
Weir & Craig Mfg. Co., 2421 Wallace, Chicago, Ill.
Wheeler C. H. Mfg. Co., Lehigh & N. 18th, Phila., Pa.
WHEELER CONDENSER & ENGINEERING CO., Carteret, N. J.
See adv index at end of book
Willamette Iron & Steel Works, Portland, Ore.
Wilson-Snyder Mfg. Co., 2 Ross, Pittsburgh, Pa.
Woodard Machine Co., Wooster, O.
WORTHINGTON PUMP & MACHY. CORP. (High or Low Pressure), 115 B'way, New York
See adv index at end of book

11944—*Pumps (Steam Turbine)

DE LAVAL STEAM TURBINE CO. (Centrifugal), East Trenton, N. J.
See adv index at end of book
WHEELER CONDENSER & ENGINEERING CO., Carteret, N. J.
See adv index at end of book

Pumps (Stuff)

See Pumps, Fan & Stuff

11945—Pumps (Suction Box)

BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwalk, Conn.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

11946-7—Pumps (Sugar House)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
American Steam Pump Co., Battle Creek, Mich.
CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
Davidson M. T. Co., 43 Keap, Brooklyn, N. Y.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DE LAVAL STEAM TURBINE CO. (Centrifugal), East Trenton, N. J.
See adv index at end of book
DEMING CO., Salem, O.
See adv index at end of book
Dubois Iron Works, Dubois, Pa.
Epping-Carpenter Pump Co., ft. 43rd, Pittsburgh, Pa.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Gardner Governor Co., 14 Williamson, Quincy, Ill.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
GUILD & GARRISON, 463 Kent av, Brooklyn, N. Y.
Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.
Lobee Pump & Machinery Co., East Buffalo, N. Y.
Lummus Walter E. Co. ("Metrolift" Automatic), 173 Milk, Boston, Mass.
McGowan John H. Co., 52 Central av, Cincinnati, O.
Morris Machine Works, Baldwinsville, N. Y.
Pioneer Iron Wks., 149 Pioneer, Bklyn, N. Y.
Platt Iron Works Co., Dayton, O.
Quimby Wm. E., 548 W 23rd, New York
Roots P. H. & F. M. Company, Connersville, Ind.
Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y.
See adv index at end of book
Squier Geo. L. Mfg. Co., Buffalo, N. Y.
Union Steam Pump Co., Battle Creek, Mich.
Vogt Bros. Mfg. Co., Louisville, Ky.
See adv index at end of book
Woodard Machine Co., Wooster, O.
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

Pumps (Sulphur Fume)

See Pumps, Centrifugal

11948— Pumps (Syphon)

Barnes Mfg. Co., Mansfield, O.
Challenge Co., Batavia, Ill.
Chaplin-Fulton Mfg. Co., 34 Penn av, Pittsburgh, Pa.
Crestline Mfg. Co. (Force), Crestline, O.
DEMING CO., Salem, O.
See adv index at end of book
Eynon-Evans Mfg. Co., N 15th & Clearfield, Phila., Pa.
Flint & Walling Mfg. Co., Kendallville, Ind.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y.
See adv index at end of book
Humphryes Mfg. Co., Mansfield, O.
Leng's John S. Son & Co., 33 Murray, New York
MYERS F. E. & BRO. ("Myers"), 800 Orange, Ashland, O.
See adv index at end of book
Schutte & Koerting Co., 1251 N 12th, Phila., Pa.

11949— Pumps (Syrup)

Gardner Governor Co., 14 Williamson, Quincy, Ill.
Lummus Walter E. Co. ("Metrolift" Automatic), 173 Milk, Boston, Mass.
Vogt Bros. Mfg. Co., Louisville, Ky.
See adv index at end of book

11950— Pumps (Tail)

WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book

11951— Pumps (Tank)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
American Steam Pump Co., Battle Creek, Mich.
Baltimore Cooperage Co., Cor. Hanover & Creek, Baltimore, Md.
Barnes Mfg. Co., Mansfield, O.
BEACH-RUSS CO., 220 B'way, New York *See adv index at end of book*
Blake Pump & Condenser Co., Fitchburg, Mass.
Blakeslee Mfg. Co., Du Quoin, Ill.
Bowser S. F. & Co., Fort Wayne, Ind.
Boyts Porter & Co., Connellsville, Pa.
Bushnell Pump Co. (Tubular Well), Bushnell, Ill.
Butler Co., Butler, Ind.
CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
Cedar Rapids Pump Co., Cedar Rapids, Ia.
Church Bros., Adrian, Mich.
Clot & Crist Machine Co., 940 Bryant, San Francisco, Cal.
Columbiana Pump Co., Columbiana, O.
Crestline Mfg. Co. ("Crestline" Power, for Threshman, etc), Crestline, O.
Davidson M. T. Co., 43 Keap, Brooklyn, N. Y.
Davis-Hansen Co., Oshkosh, Wis.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
See adv index at end of book
DEMING CO., Salem, O.
See adv index at end of book
Dempster Mill Mfg. Co., Beatrice, Neb.
Douglas W. & B., Middletown, Conn.
Dubois Iron Works, Dubois, Pa.
Epping-Carpenter Pump Co., ft. 43rd, Pittsburgh, Pa.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Flint & Walling Mfg. Co. ("Hoosier" Double Acting), Kendallville, Ind.
Foster Pump Works, 36 Bridge, Brooklyn, N. Y.
Friend Mfg. Co., Gasport, N. Y.
Gardner Governor Co., 15 Williamson, Quincy, Ill.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Hayes Pump & Planter Co., Galva, Ill.
Heller-Aller Co., Napoleon, O.
Humphryes Mfg. Co., Mansfield, O.
Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.
Love M. A. Mfg. Co. (Thresher, etc), Rockford, Ill.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
McGowan Jno. H. Co., 52 Central av, Cincinnati, O.
Manistee Iron Works Co., Manistee, Mich.

Mast, Foos & Co. ("Buckeye"), Springfield, O.
Morris Machine Works, Baldwinsville, N. Y.
MYERS F. E. & BRO. ("Myers" Low Down, "Myers Century" Low Down, "Myers" Cog Gear Low Down, "Myers" Faultless Low Down & "Myers" Geared), 800 Orange, Ashland, O.
See adv index at end of book
National Steam Pump Co. (Low Duty), Upper Sandusky, O.
NATIONAL TRANSIT PUMP & MACHINE CO., Oil City, Pa.
See adv index at end of book
Nott W. S. Co. ("King"), 2d av N & 3d, Minneapolis, Minn.
Quimby Wm. E., 548 W 23d, New York
Red Cross Mfg. Co., Bluffton, Ind.
Red Jacket Mfg. Co. ("Red Jacket," Double Acting Force, etc.), Davenport, Ia.
Rumsey Pump Co. (Ltd.), Seneca Falls, N. Y. *See adv index at end of book*
Stewart Heater Co., Buffalo, N. Y.
Trahern Pump Co., Rockford, Ill.
Twinvolute Pump & Mfg. Co. ("Twinvolute"), 55 William, New York
Vogt Bros. Mfg. Co., Louisville, Ky.
See adv index at end of book
Wagener Steam Pump Co., Canton, O.
Ward Pump Co. (Thresher, etc.), Rockford, Ill.
Woodard Machine Co. (Duplex), Wooster, O.
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

11952— Pumps (Tannery)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
American Steam Pump Co., Battle Creek, Mich.
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book
Davidson M. T. Co., 43 Keap, Brooklyn, N. Y.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
See adv index at end of book
DEMING CO., Salem, O.
See adv index at end of book
Dubois Iron Works, Dubois, Pa.
Economy Pumping Machinery Co., 116 N Carpenter, Chicago, Ill.
Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.
Lobee Pump & Machinery Co., East Buffalo, N. Y.
Lummus Walter E. Co. ("Metrolift" Automatic), 173 Milk, Boston, Mass.
Morris Machine Works, Baldwinsville, N. Y.
National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*
Taber Pump Co., Buffalo, N. Y.
Turner Tanning Machy. Co. ("Turuer," Rotary Liquor), Peabody, Mass.
Vogt Bros. Mfg. Co., Louisville, Ky.
See adv index at end of book
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

11953— Pumps (Tar)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
American Steam Pump Co., Battle Creek, Mich.
CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DEMING CO., Salem, O.
See adv index at end of book
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Gardner Governor Co., 14 Williamson, Quincy, Ill.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Humphryes Mfg. Co., Mansfield, O.
Kinney Mfg. Co., 3529 Washington, Boston, Mass.
Lummus Walter E. Co. ("Metrolift" Automatic), 173 Milk, Boston, Mass.

11954— Pumps (Test)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
American Steam Pump Co., Battle Creek, Mich.
Ashcroft Mfg. Co., 119 W 40th, New York
Belfield H. Co., 435 N Broad, Phila., Pa.
Boekel Wm. & Co. (Gas Fitters), 518 Vine, Phila., Pa.
Cleveland Steam Gauge Co., 1108 W 9th, Cleveland, O.
Crosby Steam Gage & Valve Co. ("Crosby") 40 Central, Boston, Mass.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DEMING CO., Salem, O.
See adv index at end of book
Douglas W. & B., Middletown, Conn.
Dudgeon Richard (Hydraulic), 24 Columbia, New York
FOXBORO COMPANY, THE, succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.
See adv index at end of book
Garrison Brass & Machine Works, 107 W 13th, New York
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Henderer's A. L. Sons (Boiler Makers), Wilmington, Del.
Humphryes Mfg. Co., Mansfield, O.
National Gauge Co., 300 Pacific, Brooklyn, N. Y.
National Steam Specialty Co. ("National," Screw for Testing Gauges, etc), 16 S Clinton, Chicago, Ill.
Perkes Chas. (Est. of), 627 Arch, Phila., Pa.
Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y.
See adv index at end of book
SCHAEFFER & BUDENBERG MFG. CO. (Inspectors, Portable), Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book
Schutte & Koerting Co., 1251 N 12th, Phila., Pa.
Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.

Pumps (Tire)

See Pumps, Air, Tire

11955— *Pumps (Tower)

DE LAVAL STEAM TURBINE CO. (Centrifugal), East Trenton, N. J.
See adv index at end of book

11955a— Pumps (Track)

Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

Pumps (Trench)

See Pumps, Diaphragm

11956— Pumps (Triplex)

CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
Davidson M. T. Co. (Vertical), 43 Keap, Brooklyn, N. Y.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DEMING CO., Salem, O.
See adv index at end of book
Dudgeon Richard (Hydraulic), 24 Columbia, New York
DUNNING & BOSCHERT PRESS CO. INC., 379 W Water, Syracuse, N. Y.
See adv index at end of book
Economy Pumping Machy. Co., 116 N Carpenter, Chicago, Ill.
Fairbanks, Morse & Co. (Power), 900 S Wabash av, Chicago, Ill.
GOULDS MFG. CO., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Kewanee Private Utilities Co. ("Kewanee" Long Stroke), West Side, Kewanee, Ill.
Luitwieler Pumping Engine Co., Rochester, N. Y.
NATIONAL TRANSIT PUMP & MACHINE CO., Oil City, Pa.
See adv index at end of book
RUMSEY PUMP CO. (Ltd.), Box J, Seneca Falls, N. Y.
See adv index at end of book
Sandusky Foundry & Machine Co., Sandusky, O.
Scranton Pump Co., Scranton, Pa.
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book
Yeomans Bros. Co., 231 Institute pl, Chicago, Ill.

11957— Pumps (Turbine)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
ALBERGER PUMP & CONDENSER CO., 140 Cedar, New York
Buffalo Steam Pump Co., Buffalo, N. Y.
CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
Chicago Pump Co. (Electric Driven Multi-Stage), 906 W Lake, Chicago, Ill.
See adv index at end of book
D'Olier Centrifugal Pump & Machine Co., 1421 Chestnut, Phila., Pa.
De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.
See adv index at end of book
Economy Pumping Machy. Co., 116 N Carpenter, Chicago, Ill.
Fairbanks, Morse & Co. (Single & Multi Stage), 900 S Wabash av, Chicago, Ill.
GOULDS MFG. CO., 71 W Fall, Seneca Falls, N. Y.
See adv index at end of book
Hunt Rodney Machine Co., Orange, Mass.
Jackson Byron Iron Works, Berkeley, Cal.
Kerr Turbine Co., Wellsville, N. Y.
Kingsford Foundry & Machine Works (Motor Driven), Oswego, N. Y.
Krogh Mfg. Co. (For High Lights), 147 Beale, San Francisco, Cal.
Lawrence Machine Co. ("Lawrence," Steam & Motor Driven, etc), 40 Island, Lawrence, Mass.
Lawrence Pump & Engine Co. "Vortex" Steam & Motor Driven, etc), Lawrence, Mass.
Layne & Bowler Co., 37 W Van Buren, Chicago, Ill.
Lea-Courtenay Co., 5 Main, Newark, N. J.
Nash Engineering Co. ("Nash," Hydro-Turbine), South Norwalk, Conn.
Platt Iron Works Co., Dayton, O.
STURTEVANT B. F. CO., ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
Twinvolute Pump & Mfg. Co. ("Twinvolute"), 55 William, New York
Vulcan Iron Works Co. ("Pennington"), Denver, Colo.
Watson-Stillman Co., 38 Church, New York
WORTHINGTON PUMP & MACHY. CORP. (Also Centrifugal), 115 B'way, New York *See adv index at end of book*

11958—Pumps (Underground Force)

Love M. A. Mfg. Co., Rockford, Ill.
Trahern Pump Co., Rockford, Ill.
Ward Pump Co. (Three Way, etc), Rockford, Ill.

11959—*Pumps (Underwriters')

CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
DE LAVAL STEAM TURBINE CO. (Centrifugal), East Trenton, N. J.
See adv index at end of book

When writing to firms whose names appear in this book please mention
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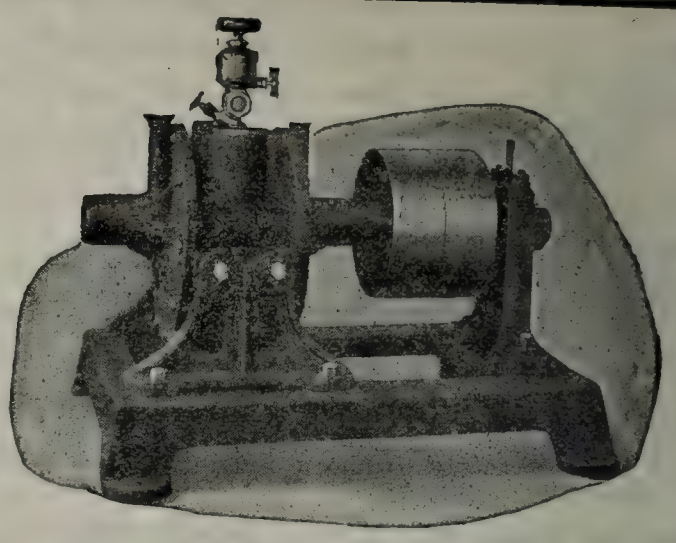
Crowell Manufacturing Co., 290 TAAFFE PLACE BROOKLYN, N. Y.



Positive Pressure Blower—Type "B"

PUMPS (UNDERWRITERS')—continued

Vogt Bros. Mfg. Co., Louisville, Ky.
See adv index at end of book

WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

11960— Pumps (Vacuum)

Abbe Engineering Co. (High or Low Vacuum), 220 B'way, New York
See adv index at end of book

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.

ALBERGER PUMP & CONDENSER CO., 140 Cedar, New York

American Air Compressor Works, 26 Cortlandt, New York

American Compressor & Pump Co., 801 E Pratt, Baltimore, Md.

American Electric Air Pump Co. (Small), Penn & Barbeau, Pittsburgh, Pa.

American Steam Pump Co., Battle Creek, Mich.

Astle H. J. & Co. ('Boland," Noiseless, Positive), 118 Orange, Providence, R. I.

BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book

Bishop-Babcock-Becker Co. ("Reliable" Automatic Hydraulic, for Heating Systems), Cleveland, O.

Blake Pump & Condenser Co., Fitchburg, Mass.

Blakeslee Mfg. Co., Du Quoin, Ill.

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

Buffalo Steam Pump Co. (Crank & Flywheel & Single Cylinder), Buffalo, N. Y.

Burrell D. H. & Co. ("B-L-K"), Little Falls, N. Y.

Bury Compressor Co., Erie, Pa.

Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill.
See adv index at end of book

Columbus Steam Pump Works Co., Columbus, Ohio

Connorsville Blower Co., Connorsville, Ind.

Crowell Mfg. Co. ("Crowell"), 296-298 Taaffe pl, Brooklyn, N. Y.
See adv index at end of book

Davidson M. T. Co. (Air & Vacuum), 43 Keap, Brooklyn, N. Y.

Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.

DEMING CO., Salem, O.
See adv index at end of book

Devine J. P. Co. ("Emil Passburg" System), Buffalo, N. Y.

Elmer & Amend, 205 3d av, New York

Emerson Steam Pump Co. (Steam), Alexandria, Va.

Epping-Carpenter Pump Co., ft. 43rd, Pittsburgh, Pa.

Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.

Fort Wayne Engineering & Mfg. Co., Fort Wayne, Ind.

Gardner Governor Co., 14 Williamson, Quincy, Ill.

Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*

GUILD & GARRISON, 463 Kent av, Brooklyn, N. Y.

Hall Steam Pump Co., 213 Galveston, N S, Pittsburgh, Pa.

Hubbard's Norman Sons ("Niagara" "Improved Packard"), 265 Water, Brooklyn, N. Y.

Imperial Iron Works (Mine), Duluth, Minn.

Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book

Kinney Mfg. Co. ("Kinney" for Condensers, Evaporation, etc), 3541 Washington, Boston, Mass.

Leiman Bros., 62 John, New York

Lobee Pump & Machinery Co., East Buffalo, N. Y.

MESTA MACHINE CO., Pittsburgh, Pa.
See adv index at end of book

Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwalk, Conn.

National Foundry & Machine Co., Louisville, Ky.

National Steam Pump Co. ("National"), Upper Sandusky, O.

New York Air Brake Co., 165 B'way, N. Y.

Oliver Continuous Filter Co. ("Oliver"), 503 Market, San Francisco, Cal., & 299 Madison av, New York

Platt Iron Works Co., Dayton, O.

Powers Regulator Co., 5 S Wabash av, Chicago, Ill.

Provost Engineering Co., 220 B'way, N. Y.

Roots P. H. & F. M. Company ("Root's" Small Power Blower), Connersville, Ind.

Rumsey Pump Co. (Ltd.) (Air Compressed Pump Combined), Box J, Seneca Falls, N. Y. *See adv index at end of book*

Sandusky Foundry & Machine Co. (Rotary), Sandusky, O.

Schutte & Koerting Co., 1251 N 12th, Phila., Pa.

Scranton Pump Co., Scranton, Pa.

Trimount Rotary Power Co. ("Trimount," Rotary), 18 Heath, Boston, Mass.

Union Steam Pump Co., Battle Creek, Mich.

VOGT BROS. MFG. CO., Louisville, Ky.
See adv index at end of book

Wagener Steam Pump Co., Canton, O.

Weinman Pump Mfg. Co., 300 Spruce, Columbus, O.

West St. Louis, Machine & Tool Co., 606 Vandeventer av, St. Louis, Mo.

Wheeler C. H. Mfg. Co. ("Pratt," "C. H. Wheeler-Thyssen"), Lehigh av & N 18th, Phila., Pa.

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WHEELER CONDENSER & ENGINEERING CO.
Carteret, New Jersey

Wilbraham-Green Blower Co., Pottstown, Pa.

WORTHINGTON PUMP & MACHINERY CORP. (Hydraulic), 115 B'way, New York. *See adv index at end of book*

York Elec. & Mach. Co., York, Pa.

11961—*Pumps (Vacuum Cleaning)

BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book

11962—*Pumps (Vacuum Distillation)

BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book

11963—*Pumps (Vacuum, Dry & Wet)

ALBERGER PUMP & CONDENSER CO., 140 Cedar, New York

BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

CAMERON A. S. STEAM PUMP WORKS (Direct Acting & Crank & Fly-Wheel), Bowling Green bldg, New York
See adv index at end of book

Oliver Continuous Filter Co. (Dry), 503 Market, San Francisco, Cal., & 299 Madison av, New York

VOGT BROS. MFG. CO., Louisville, Ky.
See adv index at end of book

WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book

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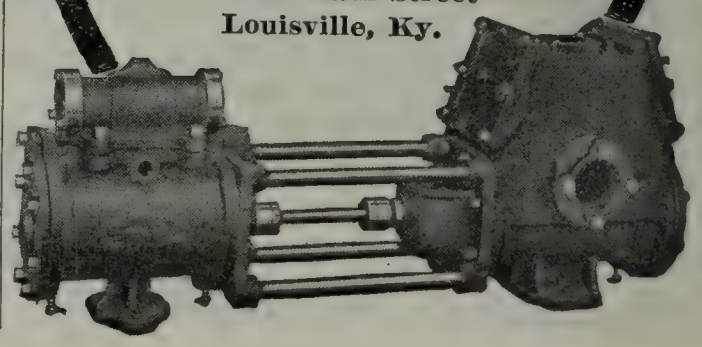


11964—*Pumps (Vacuum for Vacuum Heating)

BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book

11965-6— *Pumps (Volute)

CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book

11967— Pumps (Water)

Blackmer Rotary Pump Power & Mfg. Co., Retoskey, Mich.
Laursen Automatic Pump Co., Menomonie, Wis.
Pacific Pump & Supply Co., 853 Folsom, San Francisco, Cal.
Roberts G. J. & Co., Dayton, O.
Sandusky Foundry & Machine Co., Sandusky, O.
United Pump & Power Co., Belleview pl & Larkin, Milwaukee, Wis.

11968—Pumps (Water Motor)

Gould Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Vaile-Kimes Co. ("V. & K."), Dayton, O.

11969—Pumps (Water Works)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
ALLIS-CHALMERS MFG. CO. (Steel), Milwaukee, Wis.
See adv index at end of book
American Steam Pump Co., Battle Creek, Mich.
Buffalo Steam Pump Co., Buffalo, N. Y.
CAMERON A. S. STEAM PUMP WORKS, Bowling Green bldg, New York
See adv index at end of book
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DE LAVAL STEAM TURBINE CO. (Centrifugal), East Trenton, N. J.
See adv index at end of book
DEMING CO., Salem, O.
See adv index at end of book
Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.
Epping-Carpenter Pump Co., ft of 43d, Pittsburgh, Pa.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Gardner Governor Co., 14 Williamson, Quincy, Ill.
GOULDS MFG. CO., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Jackson Byron Iron Works, Berkeley, Cal.
Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.
McGowan Jno. H. Co., 52 Central av, Cincinnati, O.
Morris Machine Works, Baldwinsville, N. Y.
MYERS F. E. & BRO. (Myers Bulldozer), 800 Orange, Ashland, O.
See adv index at end of book
National Steam Pump Co., Upper Sandusky, O.
Platt Iron Works Co., Dayton, O.
Roots P. H. & F. M. Company (Rotary Pressure), Connersville, Ind.
RUMSEY PUMP CO. (LTD.), Box J, Seneca Falls, N. Y.
See adv index at end of book
Strait H. N. Mfg. Co., Kansas City, Kans.
Twinvolute Pump & Mfg. Co. ("Twinvolute"), 55 William, New York
Union Steam Pump Co., Battle Creek, Mich.
Wagener Steam Pump Co., Canton, O.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.
WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book

11970—*Pumps (Water Works, Vacuum for Priming)

BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book

11971— Pumps (Windmill)

See also Windmills

Aermotor Co., 1146 S Campbell av, Chicago, Ill.
Althouse-Wheeler Co., Waupun, Wis.
Baker Mfg. Co., Evansville, Wis.
Baltimore Cooperage Co., cor Hanover & Creek, Baltimore, Md.
Barnes Mfg. Co., Mansfield, O.
Beckman Bros. ("B-B"), Des Moines, Ia.
Bushnell Pump Co., Bushnell, Ill.
Butler Co., Butler, Ind.
Butler Mfg. Co., Kansas City, Mo.
Challenge Co., Batavia, Ill.
Cedar Rapids Pump Co., Cedar Rapids, Ia.
Celina Mfg. Co., Celina, O.
Challenge Co., Batavia, Ill.
Columbiana Pump Co., Columbiana, O.
Cook August D. (Force), Lawrenceburg, Ind.
CORCORAN A. J. (Inc.), 745 Jersey av, Jersey City, N. J.
Crestline Mfg. Co. ("Crestline"), Crestline, O.
Davis-Hansen Co. (Force & Lift), Oshkosh, Wis.
DEMING CO., Salem, O.
See adv index at end of book
Douglas W. & B., Middletown, Conn.
Duplex Mfg. Co., Superior, Wis.
Evans C. H. & Co., 187 Tremont, San Francisco, Cal.
Fairbanks, Morse & Co. ("Fairbanks Morse" & "Eclipse"), 900 S Wabash av, Chicago, Ill.
Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Hayes Pump & Planter Co., Galva, Ill.
Humphryes Mfg. Co. ("20th Century"), Mansfield, O.
Ideal Pump & Mfg. Co., Green City, Mo.
Iowa Wind Mill & Pump Co., Cedar Rapids, Ia.
Love M. A. Mfg. Co. (Hand Force, etc), Rockford, Ill.
Mast, Foos & Co., Springfield, O.
MYERS F. E. & BRO. ("Imperial" Regulator & Syphon, "Branch Pipe," "Three-Way" & "Defiance," Ashland Century Cog Gear), 800 Orange, Ashland, O. *See adv index at end of book*
Pacific Pump & Supply Co., 853 Folsom, San Francisco, Cal.
Peters Pump Co., Kewanee, Ill.
Plattner Yale Mfg. Co., Lincoln, Neb.
Red Cross Mfg. Co., Bluffton, Ind.
Red Jacket Mfg. Co. ("Red Jacket," Force), Davenport, Ia.
Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y. *See adv index at end of book*
Talbot Air Lift Co., 335 N 4th, Phila., Pa.
Trahern Pump Co., Rockford, Ill.
U. S. Wind Engine & Pump Co., Batavia, Ill
Ward Pump Co. (Hand Force), Rockford, Ill.
Woodmanse Mfg. Co., Freeport, Ill.

11971a— Pumps (Wine)

Pulsometer Steam Pump Co., Irvington, N. J.

11972— Pumps (Wood)

Althouse-Wheeler Co., Waupun, Wis.
Biggs B. F. Pump Co., Lafayette, Ind.
Bushnell Pump Co., Bushnell, Ill.
Cedar Rapids Pump Co., Cedar Rapids, Ia.
Chandler Pump Co., Cedar Rapids, Ia.
Cincinnati Pump Co., Liberty & Clay, Cincinnati, O.
Consolidated Pump Co., Toledo, O.
Dempster Mill Mfg. Co., Beatrice, Neb.
Florence Table & Lumber Co., Memphis, Tenn.
Hill W. C., Brasher Falls, N. Y.
Knecht & Thomas Pump Co., Union City, Ind.
Rich Pump Co., South & Depot, Cincinnati, O.
Saco Mfg. Co., Saco, Me.
Sweet Geo. W., Flint, Mich.
West Wm. S. & Son, Chillicothe, O.
Wood's G. R. Sons Co., Sheffield, Pa.

11973— Pumps (Wrecking)

Advance Pump & Compressor Co., 60 Flint, Battle Creek. Mich.
Blakeslee Mfg. Co., DuQuoin, Ill.
Davidson M. T. Co., 43 Keap, Brooklyn, N. Y.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
DE LAVAL STEAM TURBINE CO. (Centrifugal), East Trenton, N. J.
See adv index at end of book
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*
Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.
Kingsford Fdry. & Mach. Wks., Oswego, N. Y.
Morris Machine Works, Baldwinsville, N. Y.
Nye Steam Pump & Machinery Co., 701 N Western av, Chicago, Ill.
Platt Iron Works Co., Dayton, O.
Swenson J., ft. of Warren, Jersey City, N. J.
Van Wie Pump Co., 715 W Fayette, Syracuse, N. Y.
Wilson-Snyder Mfg. Co., 2 Ross, Pittsburgh, Pa.
WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book

11974-5—Pumps & Boilers (Combined)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
Blakeslee Mfg. Co., Du Quoin, Ill.
Columbus Steam Pump Works Co., Columbus, O.
Davidson M. T. Co, 43 Keap, B'klyn, N. Y.
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Dow Pump & Diesel Engine Co., 417 Market, San Francisco, Cal.
Hall Steam Pump Co., 213 Galveston, Pittsburgh, Pa.
Vogt Bros. Mfg. Co., Louisville, Ky.
See adv index at end of book
Worthington Pump & Machinery Corp., 115 B'way, New York
See adv index at end of book

Punch Sleeves

See Sleeves Drill & Punch

11976 Punch Stems

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N. E. Cleveland, O.

11977—Punch & Shear Combined (Hand Power)

Armstrong-Blum Mfg. Co. ("Marvel," also I Beam Punch & Slitting Shear), 337 N Francisco av, Chicago, Ill.
Badger State Machine Co., Janesville, Wis.
Bertsch & Co., Cambridge City, Ind.
Braun J. G., 609 S Paulina, Chicago, Ill.
Canedy-Otto Mfg. Co., Chicago Heights, Ill.
Clark Foundry Co. ("Jarrell"), Rumford, Me.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Coulter & McKenzie Machine Co., Bridgeport, Conn.
Custer W. F. & Son ("Custer"), Summitville, Ind.
Excelsior Tool & Machine Co., 32nd & Ridge, East St. Louis, Ill.
Kidder J. F. Mfg. Co. ("Little Blacksmith," Deep Throat), Burlington, Vt.
Little Giant Punch & Shear Co. ("Little Giant" Lever), Sparta, Ill.
Luther Mfg. Co. ("Black Grant" for Tire Upsetting, etc.), Olean, N. Y.
Rock River Machine Co., Janesville, Wis.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Schatz Mfg. Co., Poughkeepsie, N. Y.
Sears Bros. ("Champion" Lever), Onslow, Ia.
Slater-Marsden-Whitmore Co. ("Beloit"), Beloit, Wis.
Sproul Matt Co., Sparta, Ill.
Union Mfg. Co. ("Union" Combined Punch, Shear & Rod Cutter), New Britain, Conn.
Weiss H. & Co. ("Little Blacksmith" Punch, Shear & Bender Combined), 83 John, New York
Whiting Geo. Co., 1719 Elston av, Chicago, Ill.
Young Machine & Tool Co., Worcester, Mass.

11978—Punch & Straightener Combined

HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
United Engng. & Fdry. Co., 307 5th av, Pittsburgh, Pa.

11979— Punches (Arch)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

Punches (Backing-out)

See Punches, Pin

11980— *Punches (Beam)

See also Punches for Ornamental Iron Work

HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*

11981—Punches (Belt & Saddlers', Drive)

Atkins E. C. & Co. ("Rogers"), Indianapolis, Ind.
Bemis & Call Hdw. & Tool Co. (Steel Belt), Springfield, Mass.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Buck Bros., Millbury, Mass.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Eyelet Tool Co., 40 Lincoln, Boston, Mass.
Goodell-Pratt Co. (Knurled), Greenfield, Mass.
Kraeuter & Co., 583 18th av, Newark, N. J.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Manufacturers Belt Hook Co. ("L-X"), 1321 W Congress, Chicago, Ill.
Mayhew H. H. Co., Shelburne Falls, Mass.
Osborne C. S. & Co., Harrison, N. J.
Peck, Stow & Wilcox Co. ("Hercules"), Southington, Conn.
S. & I. Co. ("S. & I."), Springfield, Mass.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Schollhorn Wm. Co. ("Bernard's"), New Haven, Conn.
Smith Otis A., Rockfall, Conn.
Smith & Egge Mfg. Co. ("S. & E. M. Co." Revolving Spring, etc), Bridgeport, Conn.
Standard Shoe Machinery Co., Lawrence, Mass.
Stortz John & Son, 210 Vine, Phila., Pa.
Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.
Tuck Mfg. Co., Brockton, Mass.
Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.
Vaughan & Bushnell Mfg. Co. ("V. & B." Solid Steel), 2114 Carroll av, Chicago, Ill.
West Haven Mfg. Co. ("Easy Hold," "Wont Roll" Drive), West Haven, Conn.

11982—Punches (Belt & Saddlers', Revolving, Etc.)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Kraeuter & Co., 583 18th av, Newark, N. J.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Osborne C. S. & Co., Harrison, N. J.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Smith & Egge Mfg. Co., Bridgeport, Conn.
Stearns E. C. & Co. (Revolving Spring), 450 Oneida, Syracuse, N. Y.

11983— Punches (Bench)

American Lock Nut & Tool Co. ("Lightning"), Oregon, Ill.
Badger State Machine Co., Janesville, Wis.
Braun J. G., 609 S Paulina, Chicago, Ill.
Buffalo Forge Co., Buffalo, N. Y.
Butts & Ordway Co. ("B & O," "Easy"), 33 Purchase, Boston, Mass.
Chandler & Farquhar Co. ("Federal"), 36 Federal, Boston, Mass.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Goodell-Pratt Co., Greenfield, Mass.
Little Giant Punch & Shear Co., Sparta, Ill.
Rock River Machine Co., Janesville, Wis.
Schatz Mfg. Co., Poughkeepsie, N. Y.
Slater-Marsden-Whitmore Co. ("Beloit" Band), Beloit, Wis.

11984—Punches (Blacksmiths')

Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.
Atha Tool Co., Chapel, Newark, N. J.
Beall Bros., Alton, Ill.
Bicknell Mfg. & Supply Co., Janesville, Wis.
Braun J. G., 609 S Paulina, Chicago, Ill.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Canedy-Otto Mfg. Co., Chicago Heights, Ill.
Champion Blower & Forge Co. ("Champion" Steel), Lancaster, Pa.
Champion Tool Co. ("Champion" Hand & Eye), Meadville, Pa.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Cleveland Steel Tool Co., Cleveland, O.
Heller Bros. Co., 879 Mt. Prospect av, Newark, N. J.
Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.
Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.
Kling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.
Rock River Machine Co., Janesville, Wis.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Schatz Mfg. Co., Poughkeepsie, N. Y.
Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.
Vaughan & Bushnell Mfg. Co. ("V. & B." Center), 2114 Carroll av, Chicago, Ill.
Verona Tool Works, Oliver bldg, Pittsburgh, & Verona, Pa.
Whiting Geo. Co., 1719 Elston av, Chicago, Ill.

11985-6—Punches (Boilermakers' Screw)

See also Punching Machines, Boilermakers'

Bertsch & Co., Cambridge City, Ind.
Braun J. G., 609 S Paulina, Chicago, Ill.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Canedy-Otto Mfg. Co., Chicago Heights, Ill.
Channon Jas. H. Mfg. Co. (Screw, Also With Ratchet Handle), 227 W Erie, Chicago, Ill.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Cleveland Steel Tool Co., Cleveland, O.
Dudgeon Richard (Hydraulic), 24 Columbia, New York
Excelsior Tool & Machine Co. (Small), 32d & Ridge, East St. Louis, Ill.
Henderer's A. L. Sons (Hydraulic), Wilmington, Del.
King A. R. Mfg. Co., Kingston, N. Y.
Kling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.
Lovejoy Tool Works (Screw, Also With Ratchet Attachment), 319 W Ohio, Chicago, Ill.
Manitowoc Ship Building Co. ("Gunnell" Portable), Manitowoc, Wis.
Oswego Tool Co., Oswego, N. Y.
Richards I. P. Co., 23 Pemberton, Providence, R. I.
Ryerson, Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Schatz Mfg. Co., Poughkeepsie, N. Y.
Slater-Marsden-Whitmore Co. ("Beloit" Lever), Beloit, Wis.
WATSON-STILLMAN CO. (Hand & Hydraulic), 38 Church, New York
See adv index at end of book

Punches (Bull)

See Rings & Ringers, Hog & Bull

11987—Punches (Butchers' Saw Etc.)

Goodell-Pratt Co., Greenfield, Mass.
Thompson H. G. & Son Co. ("Thompson's"), New Haven, Conn.

11988—Punches (Button Hole)

Kraeuter & Co., 583 18th av, Newark, N. J.

11989— Punches (Carvers)

Buck Bros., Millbury, Mass.

11990—Punches (Center & Prick)

Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.
Bagshaw & Field, 445 N 5th, Phila., Pa.
Beall Bros., Alton, Ill.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Brown & Sharpe Mfg. Co., Providence, R. I.
Browne & Dowd Mfg. Co. (Knurled), Meriden, Conn.
Buck Bros. (And Solid), Millbury, Mass.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Carver Tool Works, Spring Valley, N. Y.
Cincinnati Tool Co., Norwood, Cincinnati, O. *See adv index at end of book*
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Cleveland Steel Tool Co., Cleveland, O.
Crescent Novelty Mfg. Co., 703 South B'way, St. Louis, Mo.
Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y.
See adv index at end of book
Enderes, Inc., Albert Lea, Minn.
Evansville Tool Works, Evansville, Ind.
Goodell Mfg. Co., Greenfield, Mass.
Goodell-Pratt Co. (Knurled), Greenfield, Mass.
Jennings C. E. & Co., 71 Murray, New York
Johnson Wm. (Hedenberg Works), Newark, N. J.
Kraeuter & Co., 583 18th av, Newark, N. J.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Mayhew H. H. Co., Shelburne Falls, Mass.
Mechanical Specialties Co., 122 S Michigan av, Chicago, Ill.
Nicol & Co., 218 N Jefferson, Chicago, Ill.
Ohio Tool Co., Charleston, W. Va.
Osborne C. S. & Co. (Prick), Harrison, N. J.
Peck, Stow & Wilcox Co., Southington, Conn.
S. & I. Company, Springfield, Mass.
Sawyer Tool Mfg. Co., Ashburnham, Mass.
Sayre A. Co., 332 Mulberry, Newark, N. J.
Snell Mfg. Co., Fiskdale, Mass.
Stanley Rule & Level Co., New Britain, Conn.
STARRETT L. S. CO. (THE) (Machinists, Center, etc.), Athol, Mass.
See adv index at end of book
Syracuse Twist Drill Co. ("Syracuse" Knurled Octagon Prick, Center & Rivet), Borden av, Syracuse, N. Y.
See adv index at end of book
Tuck Mfg. Co., Brockton, Mass.
Union Tool Co., Orange, Mass.
Vaughan & Bushnell Mfg. Co. ("V. & B." Tinners), 2114 Carroll av, Chicago, Ill.
Vichek Tool Co. ("Vichek"), 10711 Quincy av, Cleveland, O.
Warner Hammer Co., Cromwell, Conn.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.
West Haven Mfg. Co. ("Easy Hold," "Wont Roll"), West Haven, Conn.

11991— Punches (Conductors' Tickets, Etc.)

American Railway Supply Co., 134 Charles, New York
Automatic Appliance Co., 172 Columbus av, Boston, Mass.
Bonney-Vehslage Tool Co., 61 N. J. R. R. av, Newark, N. J.
Bridgeport Hardware Mfg. Corp. ("Trump" Reservoir, etc), Bridgeport, Conn.
Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
Crocker L. O., Jr., East Braintree, Mass.
International Register Co., 15 Throop, Chicago, Ill.
Kraeuter & Co., 583 18th av, Newark, N. J.
Lord Mfg. Co., 105 W 40th, New York,
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
McGill Ticket Punch Co. ("McGill," for Tickets, Notch Cutters, Cardboards, etc), 542 W Harrison, Chicago, Ill.
MEYERS FRED J. MFG. CO., Hamilton, O. *See adv index at end of book*
Moise-Klinkner Co., 369 Market, San Francisco, Cal.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Schollhorn Wm. Co. ("Bernard's"), New Haven, Conn.
Smith & Egge Mfg. Co., Bridgeport, Conn.
Sperry & Alexander Co., 79 Chambers, New York
Wilcox W. W. Co., 1735 Armitage av, Chicago, Ill.
Wood Chas. N. Co., 14 Federal, Boston, Mass.
Woodman R. Mfg. & Supply Co. (Cast Steel & Steel), 82 Sudbury, Boston, Mass.

11992— Punches (Coopers')

Buck Bros., Milbury, Mass.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Stortz John & Son, 210 Vine, Phila., Pa.

11993— Punches (Drift)

Vichek Tool Co. ("Vichek"), 10711 Quincy av, Cleveland, O.

11994— Punches (Drive)

See also Punches, Belt & Saddlers' Drive

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Cleveland Steel Tool Co., Cleveland, O.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.
Williams William, Jr., New Britain, Conn.

11995— Punches (Ear Tag)

Wilcox W. W. Co., 1735 Armitage av, Chicago, Ill.

11996— Punches (Eyelet)

Eyelet Tool Co., 40 Lincoln, Boston, Mass.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Stimpson Edwin B. Co., 68 Franklin av, Brooklyn, N. Y.

11997— *Punches (Flange)

HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*

11998—Punches (Flue Shearing)

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Richards I. P. Co., 23 Pemberton, Providence, R. I.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*

11999-12000-1—Punches for Ornamental Iron Work

Braun J. G., 609 S Paulina, Chicago, Ill.
Lewthwaite T. H. Machine Co. (Power, Hand and Foot), 413 E 31st, New York
Richards I. P. Co., 23 Pemberton, Providence, R. I.
Schatz Mfg. Co., Poughkeepsie, N. Y.

Punches (Gang)

See Punching Machines, Multiple

12002—Punches (Guide or Slotting)

Cleveland Steel Tool Co., Cleveland, O.

12003— Punches (Hand)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Cleveland Steel Tool Co., Cleveland, O.
Danzer Metal Works, Hagerstown, Md.
Dikeman Mfg. Co. (For Butchers' Blades, etc), Norwalk, Conn.
Mechanical Specialties Co., 122 So. Michigan av, Chicago, Ill.
Morrill Chas. ("Morrill" & "Apex" "Hercules" Metal), 100 Lafayette, N. Y. *See adv index at end of book*
Mossberg Frank Co., Attleboro, Mass.
Ohio Tool Co. (Machinists', etc), Charleston, W. Va.
United States Tool Co., 3160 W 106th, Cleveland, O.
Union Mfg. Co. ("Union"), New Britain, Conn.
Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.
Vaughan & Bushnell Mfg. Co. ("V. & B."), 2114 Carroll av, Chicago, Ill.
Vichek Tool Co. ("Vichek"), 10711 Quincy av, Cleveland, O.

12004—Punches (Hand Power)

American Lock Nut & Tool Co. ("Lightning," For Punching Holes in Angles, Flanges, Tank Heads, etc), Oregon, Ill.
Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.
Armstrong-Blum Mfg. Co., 337 N Francisco av, Chicago, Ill.
Badger State Machine Co., Jamesville, Wis.
Baker Wm. H., Trenton, N. J.
Bertsch & Co., Cambridge City, Ind.
Bicknell Mfg. & Supply Co., Janesville, Wis.
Braun J. G., 609 S Paulina, Chicago, Ill.
Cincinnati Iron & Steel Co., Cincinnati, O.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Danzer Metal Works ("Handy"), Hagerstown, Md.
Evansville Tool Works, Evansville, Ind.
Excelsior Tool & Machine Co. ("Little Giant" Portable Lever), 32d & Ridge, E St. Louis, Ill.
Heartley Machine Variety Iron & Steel Works, 900 Summit, Toledo, O.
Huntington Machine & Foundry Co., Huntington, Ind.
Kane & Roach, Syracuse, N. Y.
Keene Geo. C. & Co., 2327 Florence av, Cincinnati, O.
Kidder J. F. Mfg. Co. ("Little Blacksmith"), Burlington, Vt.
Klemm E. R., 1453 Austin av, Chicago, Ill.
Kling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.
Lewthwaite T. H. Machine Co., 413 E 31st, New York
Little Giant Punch & Shear Co. ("Little Giant"), Sparta, Ill.
Loyd John Co., 124 Baxter, New York
New Doty Mfg. Co., Janesville, Wis.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*
Niles-Bement-Pond Co., 111 B'way, New York
Novelty Iron Wks. Co. ("Victor"), Dyersville, Ia.
Ohio Tool Co., Charleston, W. Va.
Perkins Machine Co. (Metal), Warren, Mass.
Redin, Ekstrom & Co. ("Redin-Ekstrom" for Metal), "Rockford, Ill.
Richards L. P. Co. ("U. S. Standard" Punches for Punching Iron & Steel), 23 Pemberton, Providence, R. I.
Rock River Machine Co. ("Badger" Boilermakers, Tinners, etc), Janesville, Wis.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Schatz Mfg. Co., Poughkeepsie, N. Y.
Slater-Marsden-Whitmore Co., Beloit, Wis.
Strait H. N. Mfg. Co. (For Cooperage Mfrs.), Kansas City, Kans.
Union Mfg. Co. ("Union"), New Britain, Conn.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*
Weiss H. & Co., 83 John, New York
Whitney Metal Tool Co. ("Whitney," "Uncle Sam's," "The Use's Pride" Portable), Rockford, Ill.
Young Machine & Tool Co., Worcester, Mass.

12005—Punches (Hand & Tube Hole)

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Cleveland Steel Tool Co., Cleveland, O.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Long & Allstatter Co., Hamilton, O.
New Doty Mfg. Co., Janesville, Wis.
Richards I. P. Co., 23 Pemberton, Providence, R. I.
Rock River Machine Co., Janesville, Wis.

12006-7— Punches (Hollow)

Buffum Tool Co. ("Swastika" Tinners), South Side, Louisiana, Mo.
Peck, Stow & Wilcox Co., Southington, Conn.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Stortz John & Son, 210 Vine, Phila., Pa.
Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.

Punches (Horizontal)

See Punching Machines, Horizontal; also Machinery, Punching & Shearing

Punches (Hydraulic)

See Punching Machines, Hydraulic; also Machinery, Punching & Shearing

12008—Punches (Hydraulic, for Web or T Rails, Etc.)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill. *See adv index at end of book*

12009— Punches (Lever)

NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*
Rock River Machine Co., Janesville, Wis.
Schatz Mfg. Co., Poughkeepsie, N. Y.
Slater-Marsden-Whitmore Co. ("Beloit"), Beloit, Wis.

12010-1—Punches (Machine)

Mechanical Specialties Co. (Automobile), 122 S Michigan av, Chicago, Ill.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.

Punches (Multiple)

See Punching Machines, Multiple

12012— Punches (Paper)

Benton Mfg. Co., 9 Bethune, New York
Globe-Wernicke Co. ("Globe"), 25 Carthage av, Cincinnati, O.
Latham Machinery Co. ("Monitor"), 1153 Fulton, Chicago, Ill.
MORRILL CHAS. ("Morrill" & "Apex" Brands), 100 Lafayette, New York *See adv index at end of book*
Proudfit Loose Leaf Co. ("Proudfit," Hand), Grand Rapids, Mich.
Tatum Sam'l C. Co., Office & Factory, Cincinnati, O.

12013— Punches (Pin)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Cleveland Steel Tool Co., Cleveland, O.
Enderes, Inc., Albert Lea, Minn.
Goodell-Pratt Co., Greenfield, Mass.
Mechanical Specialties Co., 122 S Michigan av, Chicago, Ill.
S. & I. Co., Springfield, Mass.
Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.
Tuck Mfg. Co., Brockton, Mass.

Punches (Pneumatic)

See Pneumatic Punches

12014— Punches (Portable)

American Lock Nut & Tool Co. ("Lightning" Hand for Punching Holes in Angle Iron, etc), Oregon, Ill.
Armstrong-Blum Mfg. Co. ("Marvel," All Steel), 337 N Francisco av, Chicago, Ill.
Braun J. G., 609 S Paulina, Chicago, Ill.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Danzer Metal Works ("Danzer-Handy"), Hagerstown, Md.
Excelsior Tool & Machine Co. ("Little Giant"), 32d & Ridge, East St. Louis, Ill.
Kidder J. F. Mfg. Co. ("Little Blacksmith"), Burlington, Vt.
Little Giant Punch & Shear Co., Sparta, Ill.
Manitowoc Engineering Works, Manitowoc, Wis.
Rock River Machine Co., Janesville, Wis.
Schatz Mfg. Co., Poughkeepsie, N. Y.
Whitney Metal Tool Co. ("Whitney," Hand Angle Iron, etc), Rockford, Ill.

Punches (Power)

See Machinery, Punching & Shearing; also Shears, Various Kinds

Punches (Revolving)

See Punches, Belt & Saddlers', Revolving, etc.

12015—Punches (Rivet Hole)

Cleveland Steel Tool Co., Cleveland, O.

12016—Punches (Rolled Head)

Cleveland Steel Tool Co., Cleveland, O.

Punches (Round or Saddlers')

See Punches, Belt & Saddlers', Drive

12017— Punches (Saw)

Disston Henry & Sons ("Midget"), Tacony, Phila., Pa.
Goodell-Pratt Co., Greenfield, Mass.

Punches (Screw)

See Punches, Boilermakers', Screw

12018— Punches (Scroll)

Little Giant Punch & Shear Co., Sparta, Ill.

12019—*Punches (Sheet Metal)

HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
John's Stamping & Machine Works Co., Cleveland, O.

12020— Punches (Solid)

See also Punches, Tinners', Solid Drive

Cincinnati Tool Co., Norwood, Cincinnati, O. *See adv index at end of book*
Enderes, Inc. (Round & Square Point), Albert Lea, Minn.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Syracuse Twist Drill Co., ("Syracuse") Borden av, Syracuse, N. Y.
Vichek Tool Co. ("Vichek"), 10711 Quincy av, Cleveland, O.

12021— Punches (Spiral, Spring Center)

Cleveland Steel Tool Co. (Adjustable, Extension & Reducing), Cleveland, O.

12022— Punches (Spring)

Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Meyers Fred J. Mfg. Co., Hamilton, O. *See adv index at end of book*
Osborne C. S. & Co., Harrison, N. J.
Sacks Louis, Hamburg pl, Newark, N. J.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Smith & Egge Mfg. Co., Bridgeport, Conn.
Springfield Machine Co., Springfield, Mass.

12023—Punches (Square End)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

Punches (Ticket)

See Punches, Conductors' Ticket

12024—*Punches (Tie Plate)

HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*

12025—Punches (Tinners', Solid Drive)

Bagshaw & Field, 445 N 5th, Phila., Pa.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Browne & Dowd Mfg. Co., Meriden, Conn.
Buck Bros., Millbury, Mass.
Cleveland Steel Tool Co., Cleveland, O.
Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y. *See adv index at end of book*
Goodell-Pratt Co. (Knurled), Greenfield, Mass.
Kraeuter & Co., 583 18th av, Newark, N. J.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Mayhew H. H. Co., Shelburne Falls, Mass.
Merchant & Evans Co., 2035 Washington av, Philadelphia, Pa. *See adv index at end of book*
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*
Osborne C. S. & Co., Harrison, N. J.
Peck, Stow & Wilcox Co., Southington, Conn.
S. & I. Co., Springfield, Mass.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Smith H. D. & Co. ("Sharpenezy"), Plantsville, Conn.
Snell Mfg. Co., Fiskdale, Mass.
Stortz Jno. & Son, 210 Vine, Phila., Pa.
Syracuse Twist Drill Co. ("Syracuse" Solid & Self Centering Sheet Metal), Borden av, Syracuse, N. Y.
Tuck Mfg. Co., Brockton, Mass.
Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.
Williams William, Jr., New Britain, Conn.

12026— Punches (Track)

Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.
Beall Bros., Alton, Ill.
Evansville Tool Works, Evansville, Ind.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.
Kling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.
Schatz Mfg. Co., Poughkeepsie, N. Y.
Verona Tool Works, Oliver bldg, Pittsburgh, Pa.
Warwood Tool Co., Warwood, Wheeling, W. Va.
WATSON-STILLMAN CO. (Hydraulic), 38 Church, New York *See adv index at end of book*
Western Tool & Forge Co., Brackenbridge, Pa.

12026a—*Punches & Dies (Boilermakers)

AMERICAN DIE & TOOL CO., Reading, Pa. *See adv index at end of book*

Punching & Shearing Machinery

See Machinery, Punching & Shearing

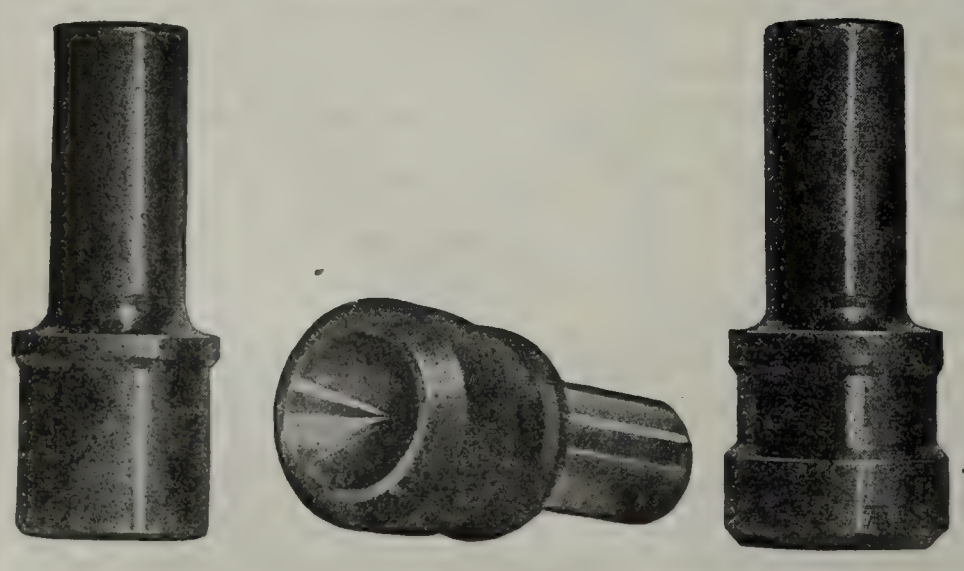
12026b—*Punchings (Armature Disc)

Forbes & Myers, 169 Union, Worcester, Mass. *See adv index at end of book*

12027—Purifiers (Feed Water)

See also Heaters, Feed Water; also Filters, Feed Water

American-Water Softener Co. ("American"), 10th & Chestnut, Phila., Pa.
Baragwanath Wm. & Son, 53 W Jackson blvd, Chicago, Ill.
Bates Machine Co. ("Cookson" System), Joliet, Ill.
Bayer Steam Soot Blower Co. ("Bayer"), St. Louis, Mo.
Berry Engineering Co. ("Berry" "Monograph"), Chester, Pa.
Davis I. B. & Son ("Berryman" & "Gleaner" Heater & Purifiers), Hartford, Conn.
Dodge Sales & Engineering Co. ("Eureka"), Mishawaka, Ind.
Economy Iron Works ("Dougherty"), Chester, Pa.
Frost Mfg. Co. ("Continental"), Galesburg, Ill.
Griscom-Russell Co. ("Massillon" Feed Water Heater, Purifier & Oil Extractor, "Stratton," "Bundy" & "Russel" **Separators and Reilly Multiscreen Filters) 92 West, New York** *See adv index at end of book*
Harrisburg Pipe & Pipe Bending Co., Harrisburg, Pa.
Harrison Safety Boiler Works ("Cochrane"), 3147 W 17th, Phila., Pa.
Hoppes Mfg. Co., Springfield, O.
Horstman F. W. Co., Irvington, N. J.
Jacobs Chas. & Co., 258 Franklin, Boston, Mass.
Jewell Engng. Co., Monadnock blk, Chicago, Ill.
Liberty Mfg. Co., Pittsburgh, Pa.
Linton Machine Co., 26 Cortlandt, New York
Loomis-Manning Filter Mfg. Co., 1421 S 37th, Philadelphia, Pa.
McGowan Jno. H. Co., 52 Central av, Cincinnati, O.
Milwaukee Reliance Boiler Works ("Perfection," Heater & Purifier), 1102 32d, Milwaukee, Wis.
Open Coil Heater & Purifier Co. ("Stickle" Heater & Purifier), Indianapolis, Ind.
Patterson D. W. ("Machman" System), Harrison bldg, Phila., Pa.
Patterson-Kelley Co., 26 Cortlandt, New York
Pittsburgh Water Heater Co., Columbia Bk. bldg., Pittsburgh, Pa.
Platt Iron Works Co., Dayton, O.
Power Plant Specialty Co. ("Vater"), 53 W Jackson blvd, Chicago, Ill.
Reiter E. H., Elgin, Ill.
Ross Mfg. Co., Northville, Mich.
Ross Valve Mfg. Co. ("Railton," "Campbell"), 9 Oakwood av, Troy, N. Y. *See adv index at end of book*
Row & Davis Engineers Inc., 90 West, New York *See adv index at end of book*
SCAIFE WM. B. & SONS CO. ("Scientific"), First National Bank bldg, Pittsburgh, Pa. & 26 Cortlandt, New York. *See adv index at end of book*
Sharkey & Peck ("Colles" Automatic Live Steam Filter & Purifier), 2433 W 18th Chicago, Ill.



BOILERMAKERS
PUNCHES--DIES--TOOLS
Tool Department
AMERICAN DIE & TOOL CO.
South Reading, Pa.

Standard Water Systems Co. ("Tripure"), Hampton, N. J.
Stewart Heater Co. (Feed Water Purifying Apparatus), Buffalo, N. Y.
United Iron Works Co., Kansas City, Mo.
Webster Warren & Co. (Chemical Feed Water), Camden, N. J.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Whitlock Coil Pipe Co., Hartford, Conn.

12028—Purifiers (Flour & Meal)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
See adv index at end of book
Barnard & Leas Mfg. Co., Moline, Ill.
Great Western Mfg. Co., Leavenworth, Kan.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Sprout Waldron & Co., Muncy, Pa.

12029—Purifiers (Middlings)

Wolf Co., Chambersburg, Pa.

Purifiers (Oil)

See Filters, Oil

12030—Purifiers & Scrubbers (Gas)

See also Gas Works Apparatus & Construction; also Gas Works Machinery, etc.
Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
CHICAGO BRIDGE & IRON WORKS, 1319 W. 105, Chicago, Ill.
For branch offices see adv index at end of book
Columbiana Boiler Co., Columbiana, O.
Cruse-Kemper Co., Ambler, Pa.
Dover Boiler Works. Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Flinn & Dreffein Co., 431 S Dearborn, Chicago, Ill.
Gas Machinery Co. (Rotary), 1900 Euclid av, Cleveland, O.
Graver Wm. Tank Works, East Chicago, Ind.
Isbell-Porter Co. (Rotary Ammonia & Shaving), 46 Bridge, Newark, N. J.
Lloyd Construction Co., Detriot, Mich.
Lummus Walter E. Co., 173 Milk, Boston, Mass.
Meehan Boiler & Cons. Co., Lowellville, O.
Quintard Iron Works Co., 742 E 12th, New York
Riter-Conley Co., Pittsburgh, Pa.
Smith Gas Power Co., Lexington, Richland Co., O.
Stacey Mfg. Co. ("Chollar's" System of Gas Purification), Big Four RR Township av, Elmwood, Cincinnati, O.
Western Gas Construction Co., Ft. Wayne, Ind.
Wood R. D. & Co. ("Theisen"), 400 Chestnut, Phila., Pa.

12031—Push Button Centers

Auburn Button Works, Auburn, N. Y.
Hemming Mfg. Co., Garfield, N. J.
Scranton Button Co. (Lacanite), Scranton, Pa.

12032—Push Buttons

For Other Electrical Specialties, See Index of Contents
Aerofram Co. (Auto Horn), 107 Massachusetts, Boston, Mass.
American Hard Rubber Co., 9 Mercer, New York
Ansonia Electrical Co., Ansonia, Conn.
Arlington Works The (E. I. du Pont de Nemours & Co.), 21 E 40, New York
Auth Elec. Specialty Co., 25 Howard, New York
Benjamin Elec. Mfg Co. (Auto Horn), 120-128 S Sagamon, Chicago, Ill.
Bohm Albert (Importer), 260 W B'way, New York
Bridgeport Electric Products Co. (The), ("Crown"), Bridgeport, Conn.
Bunnell J. H. & Co., 32 Park pl, New York
Cleverly Electrical Works, 17 N 7th, Phila., Pa.
Consolidated Car Heating Co., Albany, N. Y.
Corbin P. & F., New Britain, Conn.
Couch S. H. Co. ("Workrite," "Pushrite"), Quincy Mass.
CUTLER HAMMER MFG. CO., 12th St. Paul av, Milwaukee, Wis.
See adv index at end of book
DELAWARE HARD FIBRE CO., Wilmington, Del. *See adv index at end of book*
Dickinson Mfg. Co. ('Rubber & Elborine), Springfield, Mass.
Edwards & Co. ("Midget," "Dixie," "New Mite") Exterior av & 140th, New York
Electric Controller & Mfg. Co., Cleveland, O. *See adv index at end of book*
Electrical Sales Co. (Auto Horn Floor), 176 Federal, Boston, Mass.
ESTES E. B. & SONS (Electric, Wood), 364 5th av, New York
See adv index at end of book
Fitzgerald Mfg. Co. ("Clero"), Torrington, Conn.
Francis-Rand Co., Erie Bldg, Cleveland, O.
Garford Mfg. Co. (Auto Horn), Elyria, O.
Giant Mfg. Co., Council Bluffs, Ia.
Hemming Mfg. Co., Garfield, N. J.
Holtzer-Cabot Electric Co., 125 Amory, Boston, Mass.
Keil Francis & Son ("Anti-Wood," "Anti-Screw Midget"), 401 E 163d, New York
Lovell F. H. & Co. ("Double Eagle"), Arlington, N. J.
MANHATTAN ELECTRICAL SUPPLY ("Reliable"), Automobile Metal Navy Standard & Watertight), 17 Park pl, New York
See adv index at end of book
Minerallac Elec. Co. (Portable desk), 1045 Washington blvd, Chicago, Ill.
Moon Mfg. Co. (For Elevators Only), 122 N Jefferson, Chicago, Ill.
MORSE FRANK W. ("Workrite"), 289 Congress, Boston, Mass.
See adv index at end of book
Murdock W. J. Co., Chelsea, Mass.
National Fibre & Insulation Co., Yorklyn, Del.
Oettinger F. W. Corp., 52 Vanderbilt av, New York
Ostrander W. R. & Co., 371 Broadway, New York
P. R. Mfg. Co., Detroit, Mich.
Partrick & Wilkins Co., 51 No. 7th, Phila, Pa.
Penn Hardware Co., Reading, Pa.
Phelps & Sons Mfg. Co., 110 Pennington, Newark, N. J.
Reading Hardware Co., Reading, Pa.
Russell Elec Co. (Auto Horn), Danbury, Conn.
Russell & Erwin Mfg. Co., New Britain, Conn.
Samson Elect. Co., 146 Summer Canton, Mass.
Sargent & Co., New Haven, Conn.
Schwarze Electric Co., Adrian, Mich.
Seng Auto Device Co. (Auto Horn), 1305 S. Michigan, Chicago, Ill.
Siemon Hard Rubber Corp., Bridgeport, Conn.
Spencer's I. S. Sons (Ordinary), Guilford, Conn.
Stanley & Patterson ("Devean"), 23 Murray, New York
Starr Bros. Bell Co., East Hampton, Conn.
Stephenson Mfg. Co. (Wood), South Bend, Ind.
Taylor & Boggis Foundry Co., Cleveland, Ohio
U. S. E. M. Co. ("Usem"), 301 W 37th, New York
Union Hardware Co. (Wood), Torrington, Conn.
Usem Co. (Ordinary Table Automobile, Pendant Desk, 307 W 37, New York
Wadsworth Novelty Mfg. Co., Wadsworth, O.
Walsh Owen Mfg. Co., 525 W 26th, New York
Western Electric Co., 463 West, New York
Wilhelm Henry (Bronze), 70 Frost, Brooklyn, N. Y.
Yale & Towne Mfg. Co., 9 E 40th, New York

12033—Push Plates (Plate Glass)

Anderson Geo. H. & Co., 1467 W Austin av, Chicago, Ill.
Champion Hardware Co., Geneva, O.
Gallagher P. J., 24 New Chambers, New York

Pushers (Car)

See Car Movers or Pushers

12034—Pushers (Coke)

Alliance Machine Co. (Combined Pusher & Leveler), Alliance, O.
Atlas Car & Mfg. Co. (Electric), Cleveland, O.
Gas Machinery Co., 1900 Euclid av, Cleveland, O.
Wellman-Seaver-Morgan Co., Cleveland, O.

12034a—Pushers (Pipe)

Giant Mfg. Co., Council Bluffs, Ia.

12035—Putty (Calking)

Pecora Paint Co., ("Rhino"-brand calking & Glazing compound), 4th & Sedgley av, Philadelphia, Pa.
Weatherproof Calking Co. ("Hennen" Elastic, for Walls, etc), Minneapolis, Minn.

12036—Putty (Glaziers' & Painters')

Acme White Lead & Color Works, Detroit, Mich.
Allen Paint & Putty Works, 334 N Ashland ave, Chicago, Ill.
Allentown Mfg. Co., Allentown, Pa.
Armstrong Co. ("Tharco" Stove, Boiler, Metal Sash, etc), 124 Post av, Detroit, Mich.
Baker Wm. T. (Inc), (Reliable), 224 Suydam, Jersey City, N. J.
Belknap Moran Allen Co., 5 Ainslie, Brooklyn, N. Y.
Briggs John & Co. ("Peerless"), 45 Purchase, Boston, Mass.
California Paint Co., Oakland, Cal.
Chicago White Lead & Oil Co., 1454 S Western av, Chicago, Ill.
Colebrook's W. H. Sons, Syracuse, N. Y.
Connors Wm. Paint Mfg. Co. ("American Seal" White Lead), Troy, N. Y.
Crandall E. V. Oil & Putty Mfg. Co., 1105 Metropolitan av, Brooklyn, N. Y.
Devoe & Raynolds Co., Inc., 101 Fulton New York
Dicks-Pontius Co., Dayton, O.
Felton, Sibley & Co., 136 N 4th, Phila., Pa.
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
Grote Geo. W. & Co, 430 E 102d, New York
Hammond Paint & Slung Shot Wks, Beacon, N. Y.
Hetzel J. G. (Est of), (Plumbers'), 67 Main, Newark, N. J.
Hoffman Paint & Varnish Co., Waters av, Boston, Mass.
Jacobs S. & Sons, 1365 Flushing av, Brooklyn, N. Y.
Kent & Purdy Paint Co. ("K. & P."), 11th & Mullanphy, St. Louis, Mo.
Lancaster Paint & Glass Co., Lancaster, Pa.
Louisville Lead & Color Co., Louisville, Ky.
Lucas John & Co., 322 Race, Phila., Pa.
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
Pecora Paint Co., 4th & Sedgley ave, Phila, Pa.
Ruth B. F. & Co., Reading, Pa.
Rutland Fire Clay Co. ("Rutland"), Rutland, Vt.
Tucker Mfg. Co., 17 E 137th, New York
Underhay Oil Co., 73 Batterymarch, Boston, Mass.
Weatherproof Calking Co. ("Hennen's" Weatherproof), Minneapolis, Minn.
Wilhelm A. Co., Reading, Pa.

12037—Putty (Greenhouse)

Patton Paint Co. (Liquid), Milwaukee, Wis.

12038—Putty Mfrs. (Stovemakers')

Armstrong Co. ("Tharco" Asbestos), 124 Post av, Detroit, Mich.
Cleveland Stone Co., Leader-News bldg, Cleveland, O.
Colebrook's W. H. & Sons ("Colebrook Crown"), Syracuse, N. Y.
Connors Wm. Paint Mfg. Co., Troy, N. Y.
Pecora Paint Co., 4th & Sedgley av, Phila., Pa.
Rutland Fire Clay Co. ("Rutland"), Rutland, Vt.
Tucker Mfg. Co., 17 E 137th, New York

Putty Ornaments

See Ornaments, Composition

TRADE MARK

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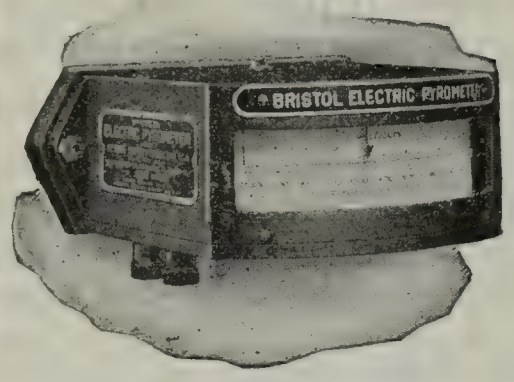
REG. U. S. PAT. OFFICE.

ELECTRIC PYROMETERS

The Pioneer base-metal thermo-electric system, including many exclusive patented features. The only pyrometer equipped with the high grade Weston milli-voltmeter. High Resistance models furnished when needed.



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Manufacturers of Bristol's Recording Instruments for Pressure, Temperature, Electricity, Time, etc.

BRANCH OFFICES:

BOSTON NEW YORK PITTSBURGH CHICAGO SAN FRANCISCO

12039— Putty Powder

Chrystal, Chas. B. (Jobbers), 13 Cliff, New York
See adv index at end of book
Doggett Stanley, 11 Cliff, New York
Fuller H. B. Co. ("Gibraltar"), 188 W 3rd, St. Paul, Minn.
Harrison Supply Co., 5 Dorchester av extension, Boston, Mass.

THE HARSHAW FULLER & GOODWIN COMPANY

CLEVELAND NEW YORK PHILADELPHIA

Johnston & Jennings (All Grades), Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
Pittsburgh Crushed Steel Co., 61st & A. V. R. R., Pittsburgh, Pa.
Rhodes Jas. H. & Co. (Green & White), 157 W Austin av, Chicago, Ill.
Thurston F. W. Co. ("Fil-Tite," a Granite Hard Cold Water Crack Filler), 1832 S Clark, Chicago, Ill.
Wiarda John C. & Co. (Jobbers), 273 Greene, Brooklyn, N. Y.

12040— Putty (Roof)

French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
Johns H. W.-Manville Co. (Elastic), Madison av & 41st, New York
Milwaukee Corrugating Co. (Jobbers), Milwaukee, Wis.

12041-2— Pyretometers

Randall-Faichney Co. ("R. & B."), Boston, Mass.

Pyrites of Iron

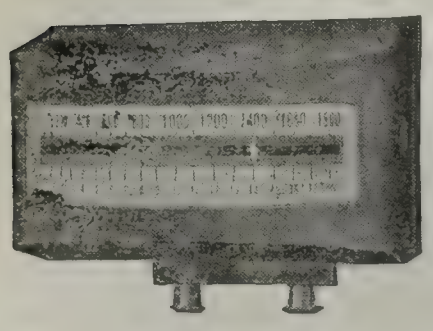
See Ores, Pyrites

Pyrolusite

See Oxide of Manganese

12043— Pyrometers

Allbrecht Francis J. (For Baker's Ovens), Pittsburgh, Pa.
American Steam Gauge & Valve Mfg. Co. ("Buckley"), 208 Camden, Boston, Mass.
Beighlee Electric Co. (Compensated Recording), 6523 Euclid av, Cleveland, O.
BRISTOL CO., ("Bristol's" Indicating Electric, Recording Electric & Combination Indicating & Recording), Waterbury, Conn.
See adv index at end of book
Brown Instrument Co. ("Brown," Electric Recording, etc.), Wayne & Windrim, Phila., Pa.
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
Du Vivier Ernest H. (Imp), 30 Church, New York
Eimer & Amend, 205 3d av, New York
Engelhard Charles ("Engelhard Le Chatelier"), 30 Church, New York
Esterline Co., Lemcke Annex, Indianapolis, Ind.
FOXBORO COMPANY, THE (Succeeding Industrial Instrument Co.) ("Foxboro"), Foxboro, Mass.
See adv index at end of book
Frink Pyrometer Co. ("Frink"), Lancaster, O.
Gibb Instrument Co., ("I-Rite") Highland bldg, Pittsburgh, Pa.
Hoskins Mfg. Co. ("Thermo-Electric"), 453 Lawton, Detroit, Mich.
Leeds & Northrup Co. ("Electric Resistance), Stenton av; Gtn., Phila., Pa.
Morse Thermo Gage Co. (Optical), Ithaca, N. Y.
National Gauge Co. ("National"), 300 Pacific, Brooklyn, N. Y.
Oelschlaeger Bros. (Importers), 30 E 23d, New York
Pelton & Crane Co., Detroit, Mich.
Phila. Thermometer Co., 9th & Arch, Phila., Pa.
Precision Thermometer & Instrument Co., 1434 Brandywine, Philadelphia, Pa.
Price Electric Co., 12369 Euclid av, Cleveland, O.
Pyrolectric Instrument Co., Trenton, N. J.
Queen & Co., 618 Chestnut, Phila, Pa.
Queen-Gray Co., 618 Chestnut, Phila., Pa.
Sander C. O., Irvington, N. J.
SCHAEFFER & BUDENBERG MFG. CO. (Electric, Special for Bake Oven; Expansion & Mercury), Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book
Scientific Instrument Co., Detroit, Mich.
Scientific Materials Co. ("Scimatco," Optical), 717 Forbes, Pittsburgh, Pa.
SHORE INSTRUMENT & MFG. CO. Inc. ("Pyroscope" Optical Pyrometers for High Temperatures), 557 W 22d, New York
Stupakoff S. H. ("Le Chatelier"), 6639 Hamilton av, Pittsburgh, Pa.
Tagliabue Chas. J. Mfg. Co. (All Kinds for All Purposes), 18 33d Brooklyn, N. Y.



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THE FOXBORO CO., INC., FOXBORO, MASS., U. S. A.

New York Chicago Pittsburg Philadelphia St. Louis
Birmingham San Francisco Peacock Bros., Montreal

TAYLOR INSTRUMENT COMPANIES ("Fery" Radiation, etc.; also "Foster," "Tycos"), Rochester, N. Y.
See adv index at end of book
Thompson-Levering Co. ("Peerless" Jobbins), 323 Arch, Phila, Pa.
Thwing Instrument Co. (Indicating & Recording Electric Resistance & Radiation), 33d & Lancaster av, Phila, Pa.
Uehling Instrument Co. ("Pneumatic"), (Pneumatic Recording), 71 Broadway, New York
Weiskopf Abraham, 16 S Clinton, Chicago, Ill.
Weinhagen Hy., 159 Leonard, New York
Wilson-Maeulen Co. ("Advance," "Le Chatelier," "Unipivot"), 781 E 142nd, New York
Zaubitz August (Up to 3000 Degrees Fahr.), 95 Cliff, New York

12043a—Pyrophoric (Cerium Alloy)

FOOTE MINERAL CO., 107 N 19th, Phila, Pa.

12043b— *Pyroxylin

DU PONT CHEMICAL WORKS, 120 Broadway, New York

12044— *Pyroxylin Solutions

DU PONT CHEMICAL WORKS (Soluble Cotton or Nitrocellulose), 120 B'way, New York
Nixon Nitration Wks, New Brunswick, N. J.

Quarries

See Cement Manufacturers; Granite Producers, etc.; Lime Manufacturers; Marble Producers; Roofing Slate Manufacturers; Stone Producers

12044a—Quarry Equipment & Supplies

Penn Foundry & Mfg. Co., Reading, Pa.
See adv index at end of book

Quarry Hoists & Machinery

See Hoists of Various Kinds; Cranes of Various Kinds; Drills, Rock; Derricks; Engines, Hoisting, etc.

12045— Quartz

Adams Enos Co., Bennington, Vt.
Carolina Mineral Co.. Penland, N. C.
Chrystal Charles B. (Imp.), 13 Cliff, New York. *See adv index at end of book*
Dunkel S. P. & Son, Ostend & Leadenhall, Baltimore, Md.
Garden City Sand Co., Chamber of Commerce, Chicago, Ill.

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

New England Quartz Co. of N. Y. (Granulated), 107 William, New York
Philadelphia Quartz Co., 121 S 3d, Phila., Pa.
Product Sales Co., 32 So. Calvert, Baltimore, Md.
Robbins A. A. Mining Co. (Miners), 99 John, New York
Wausau Quartz Co. (Miners & Crushers of White Quartz & Flint), Wausau, Wis.
Wiarda John C. & Co. (Jobbers), 273 Greene, Brooklyn, N. Y.
Wilson-Maeulen Co. (Imp. & Transparent), **781 E 142nd, New York**

12046— Quartz (Glass)

Berge J. & H., 95 John, New York
Eimer & Amend, 205 3d av, New York
Engelhard Chas. (Transparent), (Selling Agent), 30 Church, New York
Lenz Apparatus Co., 9 E 16th, New York
Thomas Arthur H. Co., W Washington sq, Philadelphia, Pa.

12047— Quenchers (Coke)

Gas Machinery Co., 1900 Euclid, Cleveland, O.

12048-9— Quicksilver

Atkins Kroll & Co., 311 California, San Francisco, Cal.
Braun-Knecht-Heimann Co. (Imp), 576 Mission, San Francisco, Cal.
C. P. N. CHEMICAL CO., INC. (Jobbers), 78 Reade, New York; West Huron, Chicago, Ill.
Chisos Mining Co., 51 Exchange, Portland, Me.
Haas Bros (American & Imported), 61 B'way, New York
Industrial Mineral Co., Inc., Monadnock bldg, San Francisco, Cal.
McKesson & Robbins (Imp.), 91 Fulton, New York
Vogelstein L. & Co., 42 B'way, New York

Quoits (Rubber)

See Dumb Bells & Quoits

12050-1-2—Rabbits (Iron)

Illinois Iron & Bolt Co., **Carpentersville, Ill.**

12053— Racks (Baggage)

Adams & Westlake Co., 319 W Ontario, Chicago, Ill.
Corry Metal Products Co. (All Steel, for Hotels, etc), Corry, Pa.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Howard Jas. L. & Co., Hartford, Conn.
Rostand Mfg. Co. ("McCarthy's" Hat & Baggage Racks for Cars), Milford, Conn.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Star Brass Mfg. Co. ("Star" Basket), 108 E Dedham, Boston, Mass.

12054— *Racks (Bar Steel)

Heltzel Steek Form & Iron Co., Warren, O. *See adv index at end of book*
Medart Fred. Mfg. Co., De Kalb & Potomac, St. Louis, Mo.
See adv index at end of book

Racks (Bicycle)

See Stands, Bicycle

12055—Racks (Book & Catalogue)

Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Goshen Novelty & Brush Co. (Oak), Goshen, Ind.
Medart Fred. Mfg. Co., De Kalb & Potomac, St. Louis, Mo.
See adv index at end of book
Rostand Mfg. Co. ("Rostand"), Milford, Conn.
Watson Mfg. Co., Jamestown, N. Y.

Racks (Bottle)

See Bottle Racks, Milk; also Racks, Wine Bottle

Racks (Broom)

See Racks, Display

12056— Racks (Cable)

B. & K. Mfg. Co., 321 Ellis, New Britain, Conn.
Cook Frank B. Co., 326 W Madison, Chicago, Ill.
Cope T. J. ("Cope's"), 1620 Chancellor, Philadelphia, Pa.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Efficiency Elec. Co., East Palestine, O.
Electrical Engineers Equipment Co. (For Manholes, etc), 711 Meridian, Chicago, Ill.
Hubbard & Co., Pittsburgh, Pa.
Lanz M. & Sons (For Manholes), 2907 Carson, Pittsburgh, Pa.
Metropolitan Engineering Co. (For Subway Cables), 35 Vestry, New York
Standard Underground Cable Co., Pittsburgh, Pa.

12057— Racks (Car)

Dayton Mfg. Co. (Car Basket Racks), Dayton, O.
Medart Fred Mfg. Co. (Steel), De Kalb & Potomac, St. Louis, Mo.
See adv index at end of book
Wallace Supplies Mfg. Co. ("Wallace" Parcel, etc), 412 Orleans, Chicago, Ill.

12058—Racks (Card, Wire)

Morgan Spring Co. (Adjustable Wire Folding Racks), Worcester, Mass.
See adv index at end of book
Parker Wire Goods Co. (Wire Folding), Worcester, Mass.
Progressive Wire Goods Co., 528 Commerce, Philadelphia, Pa.
Woods, Sherwood Co. ("Sherwood's Spiral Wire), Worcester, Mass.

12059— Racks (Chair Rod)

Berbecker & Rowland Mfg. Co. (Brass), Waterville, Conn.

12060— Racks (Core)

Allsteelequip Co., Aurora, Ill.
Bernstein Mfg. Co., 3d & Westmoreland, Phila., Pa.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Lyon Metallic Mfg. Co. ("Lyon" Steel), Aurora, Ill.
Manufacturing Equipment & Engineering Co., 136 Federal, Boston, Mass.
Medart Fred. Mfg. Co., De Kalb & Potomac, St. Louis, Mo.
See adv index at end of book
SNEAD & CO. IRON WORKS, 98 Pine, Jersey City, N. J.
See adv index at end of book

12061— Racks (Cut)

Blount Engineering Co., 100 High, Boston, Mass.
Boston Gear Works (Brass & Steel), Quincy, Mass.
Brown A. & F. Co., 79 Barclay, New York
Crofoot Gear Works, Cambridge, Mass.
Davis Rodney, 624 Race, Phila., Pa.
Fawcus Machine Co., 1st Natl. Bk. bldg, Pittsburgh, Pa.
See adv index at end of book
FOOTE BROS. GEAR & MACHINE CO., 210 N Carpenter, Chicago, Ill.
See adv index at end of book
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
Horsburgh & Scott Co., 5114 Hamilton av, Cleveland, O.
James D. O. Mfg. Co., 1120 W Monroe, Chicago, Ill.
Jones W. A. Foundry & Machine Co., (Spur Gear, etc.), 4401 W 12th, Chicago, Ill.
Meisel Press Mfg. Co., 942 Dorchester av, Boston, Mass.
NUTTALL R. D. CO. (Machine Cut, Steel), McCandless & Harrison av, Pittsburgh, Pa. *See adv index at end of book*
Philadelphia Gear Works (Brass, etc), E Vine, Phila., Pa.
Simonds Mfg. Co., Liberty & 25th, Pitts**burgh, Pa.**
Standard Gauge Steel Co. (Finished Cut Steel), Beaver Falls, Pa.
Van Dorn & Dutton Co., 2978 Woodhill, Cleveland, O.

12062— Racks (Desk)

Berbecker & Rowland Mfg. Co. (Brass), Waterville, Conn.

12063— Racks (Display)

Acme Level & Mfg. Co., Toledo, O. (For Tools, etc.)
Acme Woodworking Co., 562 W 34th, New York
Angle Steel Stool Co., Otsego, Mich.
Banner Machine Co. ("Ohio" Table Oilcloth Rack), Columbiana, O.
Berger Specialty Mfg Co. ("Berger" Steel Broom), Richmond, Va.
Best John H. ("Best" Revolving Whip Rack & Display Stand, Also Robe Blanket, Linoleum, Lace Curtain, Drapery, Rug, etc), Galva Ill.
Bowser R. M. & Son ("Bowser" Wire Cloth), Renfrew, Pa.
Brager B. & Sons (Wood & Metal), 85 5th av, New York

RACKS (DISPLAY)—continued

Bryan Novelty Mfg. Co. (Also Newspaper, Oilcloth, etc), Bryan, O.
Dreyer H. G. & Son Co. (Saddlery, etc), Cleveland, O.
Federal Steel Fixture Co., 189 W. Madison, Chicago, Ill.
Flanders A. F. Mfg. Co. ("Schilling" Adjustable), Buffalo, N. Y.
Globe Mfg. Co. (For Handles), Perry, Ia.
Goldberg Display Fixtures Co., 135 W **23rd, New York**
Indianapolis Corrugating Co. ("Peerless" For Linoleum, Lace Curtains, Drapery, Rugs, etc), Indianapolis, Ind.
Lyon Metallic Mfg. Co., Aurora, Ill.
Medart Fred Mfg. Co. (Steel), De Kalb & Potomac, St. Louis, Mo.
See adv index at end of book
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Mosher F. M. (Adjustable Tool, Shovel, etc), Canton, Ill.
Multiplex Display Fixture Co., 918 N 10th, St, Louis, Mo.
Nicol & Co. (Broom), 218 N Jefferson, Chicago, Ill.
Peerless Wire Goods Co., Lafayette, Ind.
Reed Evan L. Mfg. Co., Sterling, Ill.
SNEAD & CO. IRON WORKS, 98 Pine, Jersey City, N. J.
See adv index at end of book
Stender C. F. G. & Co, (Fishing Rod Stands), 1142 W Van Buren, Chicago, Ill.
Swift Stanley C. Mfg. Co. ("Perfection" Linoleum, etc), Cuba, N. Y.
Timberlake J. B. & Sons (Plate Bowl, Folding, etc), Jackson, Mich
Trimble F. H. Mfg. Co., 216 W 3d, Los Angeles, Cal.
Twentieth Century Brass Works (Display Fixtures), 514 Fifth av S, Minneapolis, Minn.
Universal Fixture Corp., 133 W 23d, New York, N. Y.

12064—Racks (Drill, Reamer, Tap)

Driver C. H. & Kerr Co., Racine, Wis.
Medart Fred Mfg. Co. (Steel), De Kalb & Potomac, St. Louis, Mo.
See adv index at end of book

12065— *Racks (Filing)

Medart Fred Mfg. Co. (Steel), De Kalb & Potomac, St. Louis, Mo.
See adv index at end of book

12066—Racks (Folding Clothes)

Cassady Fairbank Mfg. Co. ("Federal," "Monarch"), 6126 S La Salle, Chicago, Ill.
Ely T. J. Mfg. Co. ("Dandy" Hardwood, etc), Erie, Pa.
Reading Saddle & Mfg. Co. ("Reading") Reading, Pa.

12067—Racks for Cold Storage Rooms

Koch Butcher Supply Co., 519 Wyandotte, Kansas City, Mo.
Market Forge Co. (Galvanized Iron Coin), Garvey, Everett, Mass.

12067a— Racks (Fruit Can)

Morgan Spring Co. (For Family use), Worcester, Mass.
See adv index at end of book

12068—Racks (Garden Hose)

Howard H. J. N. Mfg. Co., 150 Pierce, Washington, D. C.
Mineralized Rubber Co., 11 Kirk pl, Newark, N. J.
Specialty Mfg Co. ("Handy" Hose Rack & Carrier), St. Anthony Park, Minn.

12069—Racks (Hat & Coat)

American Mfg. Co., Chattanooga, Tenn.
Arcade Mfg. Co., Freeport, Ill.
Baker J. R. & Sons Co., Kendallville, Ind.
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Champion Hardware Co., Geneva, O.
Christen Bellows & Mfg. Co. (Wooden), Main & Dock, St. Louis, Mo.
Dennis W. J. & Co., 2120 W Lake, Chicago, Ill.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Fischer Bros. & Corwin, 635 N 3d, Newark, N. J.
Fox Geo. S., 137 N 6th, Phila., Pa.
Ideal Metallic Furniture Co. (Metal), 1259 Military, Detroit, Mich.
McKenna Brass & Mfg. Co., Inc. (Brass), 1st av & Ross, Pittsburgh, Pa.
McLaren Iron Works Co., Cleveland, O.
Medart Fred. Mfg. Co., De Kalb & Potomac, St. Louis, Mo.
See adv index at end of book
Parks & Parks, Troy, N. Y.
Reading Saddle & Mfg. Co. ("Reading"), Reading, Pa.
Tucker & Dorsey Mfg. Co. (Wood), Indianapolis, Ind.
Wire & Metal Wares Co. (Steel), Erie, Pa.

12070—Racks (Hay, Wire & Iron)

Barnum E. T. Wire & Iron Wks, 864 Woodward, Detroit, Mich.
Lansing Wagon Works (Combination Hay & Stock), Lansing, Mich.

12071—Racks (Hay & Stock)

Barber Mfg. Co., Ashtabula, O.
Casey-Hedges Co., Chattanooga, Tenn.
Clippinger A. B. & Son Mfg. Co., Kansas City, Kan.
Dickinson Rack Co., Stockbridge, Mich.
Dutton E. Q. & Co. (Corner Hay), Cato, N. Y.
Harriman Mfg. Co., Harriman, Tenn.
Harris Mfg. Co. ("Warren" Automatic Hay), Salem, O.
James Mfg. Co. ("James" Steel), Ft. Atkinson, Wis.
Lansing Wagon Works, Lansing, Mich.
Patterson Mfg. Co., Holly, Mich.
Republic Mfg. Co. (Cast Iron Corner), Milwaukee, Wis.
Rockford Steel Fixture Co., Rockford, Ill.
Sargent, Osgood & Roundy Co. (Corner), Randolph, Vt.
Schairer Geo. E., Saline, Mich.
Stoughton Wagon Co., Stoughton, Wis.
True Mfg. Co., Eaton Rapids, Mich.

12072— Racks (Insulated)

Fletcher Mfg. Co. ("Fletcher"), Dayton, Ohio

12073— Racks (Kitchen Cabinet)

American Mfg. Co., Chattanooga, Tenn.

Racks (Machine)

See Racks, Cut

12074— Racks (Mail Pouch)

Shults H. H. Co., Gowanda, N. Y.
Tinsley Railway Supplies & Equipment Co. ("Rausch" for Cars), **McCormick bldg, Chicago, Ill.**

12075— *Racks (Metal)

Newman Mfg. Co., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill. *See adv index at end of book*

12076— Racks (Milk Bottle)

Smith John P. & Co., New Haven, Conn.

12077—*Racks (Mining Machine)

NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

12078—*Racks (Newspaper & Magazine)

Medart Fred. Mfg. Co., De Kalb & Potomac, St. Louis, Mo.
See adv index at end of book
SNEAD & CO. IRON WORKS, 98 Pine, Jersey City, N. J.
See adv index at end of book

12079— Racks (Oven)

American Mfg. Co. ("No-Rust"), Chattanooga, Tenn.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Peerless Wire Goods Co., Lafayette, Ind.
Union Steel Products Co. (Ltd.), Albion, Mich.

12080—*Racks (Pattern Storage)

Medart Fred. Mfg. Co., De Kalb & Potomac, St. Louis, Mo.
See adv index at end of book
Ohio Mfg. Co., P. O. Box 358, Painesville, Ohio *See adv index at end of book*
Terrell's Equipment Co., B'way, Grand Rapids, Mich.

12081— Racks (Pew)

Estes E. B. & Sons (Cards & Books), 364 5th av, New York
See adv index at end of book
Wrightsville Hardware Co. (Card & Book), Wrightsville, Pa.

12082— Racks (Pipe)

Bernstein Mfg. Co., 3d & Westmoreland, Phila., Pa.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Grabler Mfg. Co. (For Heavy Pipe), Cleveland, O.
National Mfg. Co. ("Natwire" Wire), Worcester, Mass.

12082a—Racks (Poker Chips)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

12083—*Racks (Portable Forge)

Medart Fred. Mfg. Co., De Kalb & Potomac, St. Louis, Mo.
See adv index at end of book

12084— Racks (Postal Bag)

Keyless Lock Co., Indianapolis, Ind.
Medart Fred. Mfg. Co., De Kalb & Potomac, St. Louis, Mo.
See adv index at end of book
Tinsley Railway Supplies & Equipment Co. ("Rausch" Pouch Rack for RR Cars), McCormick bldg, Chicago, Ill.

12085— Racks (Pot Cover)

Racine Iron & Wire Works, Racine, Wis.
Wolverine Mfg. Co. ("Wolverine"), Page & Fontella, Pittsburgh, Pa.

12085a—Racks (Printing Stamp)

Hill Independent Mfg. Co., Emerald & Adams, Phila., Pa.
Smith R. H. Mfg. Co. ("Bay State"), Springfield, Mass.

Racks (Rug)

See Exhibitors, Rug

12086—Racks (Rubber Stamp)

American Stamp Mfg. Co., 85 John, New York

12087— Racks (Shoe)

Dexter Metal Mfg. Co. (Also Boots), **93 Arch, Camden, N. J.**
Medart Fred. Mfg. Co., De Kalb & Potomac, St. Louis, Mo.
See adv index at end of book
SNEAD & CO. IRON WORKS, 98 Pine, Jersey City, N. J.
See adv index at end of book
Whitman Agricultural Co. (110 Sizes), 7000 S B'way, St. Louis, Mo.
Zering H. Mfg. Co. (Shoe Factory), Cincinnati, O.

12088—*Racks (Steel Storage)

LEAKE A. G. ERECTING CO., Bridgeport, Conn.
Medart Fred. Mfg. Co., De Kalb & Potomac, St. Louis, Mo.
See adv index at end of book
Ohio Mfg. Co., P. O. Box 358, Painesville, O. *See adv index at end of book*
SNEAD & CO. IRON WORKS, 98 Pine, Jersey City, N. J.
See adv index at end of book

12089—*Racks (Stock Room)

Brown Engineering Co. (For Bar Iron, Steel Pipe, etc.), 110 N 3rd, Reading, Pa. *See adv index at end of book*

Medart Fred. Mfg. Co., De Kalb & Potomac, St. Louis, Mo.
See adv index at end of book
Ohio Mfg. Co., P. O. Box 358, Painesville, Ohio *See adv index at end of book*
Shults H. H. Co., Gowanda, N. Y.
SNEAD & CO. IRON WORKS, ft. of Pine, Jersey City, N. J.
See adv index at end of book

12089a— Racks (Test Tube)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

12090— Racks (Thresher)

Hart Grain Weigher Co., Peoria, Ill.

12091— Racks (Ticket, Metal)

National Ticket Case Co., 842 W 35th, Chicago, Ill.

12092— Racks (Tool)

Acme Level & Mfg. Co. (For Displaying Tool), Toledo, O.
Allsteelequip Co. (Stationary & Portable), Aurora, Ill.
Angle Steel Tool Co. ("Ideal"), Otsego, Mich.
Arnold S. G. (All Steel), 2619 W Van Buren, Chicago, Ill.
Berger Mfg. Co., Canton, O.
Bernstein Mfg. Co., 3d & Westmoreland, Phila., Pa.
Cleveland Metalcraft Co., Cleveland, O.
Cleveland Wire Spring Co. (Sheet Metal), Cleveland, O.
Darby Edw. & Sons Co., 239 Arch, Phila., Pa.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Federal Steel Fixture Co., 4545 Homer, Chicago, Ill.
Keighley S. Metal Ceiling & Mfg. Co. (Steel Shell), 124 3d av, Pittsburgh, Pa.
Keyless Lock Co., Indianapolis, Ind.
La Porte Mat & Mfg. Co. ("Hercules"), La Porte, Ind.
Lyon Metallic Mfg. Co. ("Lyon" Steel Portable, Revolving & Stationary), Aurora, Ill.
Manufacturing Equipment & Engineering Co. (Steel), 136 Federal, Boston, Mass.
Medart Fred. Mfg. Co., De Kalb & Potomac, St. Louis, Mo.
See adv index at end of book
Mosher F. M. ("Mosher," Adjustable), Canton, Ill.
New Britain Machine Co. ("New Britain," Portable), 190 Chestnut, New Britain, Conn.
OHIO MFG. CO., P. O. Box 358, Painesville, O. *See adv index at end of book*
Terrell's Equipment Co. (Metal), B'way, Grand Rapids, Mich.
Toledo Rack & Level Co., 1215 W Bancroft, Toledo, O.
Tucker & Dorsey Mfg. Co. ("Danhour's"), Indianapolis, Ind.
Willcox Engineering Co., 1525 Holland av, Saginaw, Mich.
Wisconsin Foundry & Machine Co. (Portable Steel), Madison, Wis.

12092a—Racks (Tooth Brush)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

12092b—Racks (Tooth Brush)

New Britain Machine Co. ("New Britain"), 190 Chestnut, New Britain, Conn.

12093— Racks (Towel)

See also Rods, Towel

Arcade Mfg. Co., Freeport, Ill.
Bernstein Mfg. Co., 3d & Westmoreland, Phila., Pa.
Bogert & Hopper (Wooden), 67 Barclay, New York
Browne & Dowd Mfg. Co., Meriden, Conn.
Buffalo Mfg. Co., Buffalo, N. Y.
Cassady Fairbank Mfg. Co. (Racks & Rollers), 6126 La Salle, Chicago, Ill.
Chapman-Sargent Co. (Ring Roller, Towel Arms, etc), Perrysburg, O.
Church C. F. Mfg. Co. ("White Pyralin" Rollers), Holyoke, Mass.
Columbus Brass Co., 538 Dublin av, Columbus, O. ***See adv index at end of book***
Ely T. J. Mfg. Co. ("Dandy" Hardwood), Erie, Pa.
Estes E. B. & Sons (Wooden), 364 5th av, New York. *See adv index at end of book*
Fischer Bros. & Corwin (Towel Rollers), 635 N 3rd, Newark, N. J.
Forsythe Metal Goods Co., E. Aurora, N. Y.
Fox Geo. S., 137 N 6th, Phila., Pa.
Jamestown Curtain Rod Co. (Metal), Jamestown, N. Y.
Landers, Frary & Clark (Polished, Solid Brass), New Britain, Conn.
Lewis Samuel ("Lockit" Roller), 73 Barclay, New York
McKenna Brass & Mfg. Co., Inc., 1st av & Ross, Pittsburgh, Pa.
Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill. *See adv index at end of book*
Novelty Mfg. Co. ("Wilwear," Arm Swinging), Waterbury, Conn.
Parker Wire Goods Co. ("Perfection" Three Arm), Worcester, Mass.
Reading Saddle & Mfg. Co. ("Reading"), Reading, Pa.
Rocky Hill Hardware Co. (Towel & Clothes), Rocky Hill, Conn.
Sillcocks-Miller Co. ("Celluvarno"), South Orange, N. J.
Star Brass Works Co. (Glass), Kansas City, Mo.
Stokes Wm. A. & Co. (Arm & Rollers), 50 Howard, New York
Taplin Mfg. Co. ("Ideal"), New Britain, Conn.
Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
Wire Goods Co. ("Ideal"), Worcester, Mass.

12094-5—Racks (Trunk, Automobile)

Ajax Trunk & Sample Case Co., 150 W 18th, New York
Clayton's Frank B. Sons, 1227 N 11th, Phila., Pa.
Connecticut Steel & Wire Co. ("Standard"), Hartford, Conn.
Farnham & Nelson Co., 47 Union av, Jamaica pl, Boston, Mass.
Highton Wm. & Sons Co., Nashua, N. H.
Koniglow Otto Mfg. Co., 3506 Perkins av, Cleveland, O.
Kraft A. C., 323 W Lake, Chicago, Ill.
Kreidler Auto Top Co., Trenton, N. J.
Milwaukee Auto Specialty Co. ("Masco"), 711 Chestnut, Milwaukee, Wis.
Motor Car Supply Co. ("Cradle"), 1453 Michigan av, Chicago, Ill.
Reliance Engineering Co., Lansing, Mich.
Sargent & Ham Co. ("A-1"), 26 Bowker, Boston, Mass.
Smith H. Lund, Paterson, N. J.
Sterling Top & Equipment Co., 518 W 57th, New York
Sutherland F. L. Co., Detroit, Mich.
Wilson F. Cortez Co., 323 W Lake, Chicago, Ill.
Winship W. W., 71 Summer, Boston, Mass.

Racks (Umbrella)

See Stands, Umbrella

12096— Racks (Wooden)

ESTES E. B. & SONS (Book, Poker Chip, Communion Cup, Test Tube, Pen, Pew Book, Tooth Brush, etc), 364 5th av, New York
See adv index at end of book

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Radiator Bronze

See Bronze Powders

12097—Radiator Dust Catchers

Hawkins Rollyn, Indianapolis, Ind.

Radiator Guards (Wire)

See Radiator Shields

Radiator Screens

See Radiator Shields

12098— Radiator Shields

Acme Fancy Wire Works (Also Guards), Detroit, Mich.
America Heating & Supply Co., Rockford, Ill.
Buffalo Wire Works Co. (Also Guards), 453 Terrace, Buffalo, N. Y.
DAHLSTROM METALLIC DOOR CO., (Special), 35 Blackstone av, Jamestown, N. Y. *See adv index at end of book*
Decatur Cornice & Roofing Co. ("Perfect"), Decatur, Ill.
Estey Wire Works Co. (Also Guards), 34 Cliff, New York
See adv index at end of book
Foster Sheet Metal Co., Springfield, Ill.
Haines Co., 1933 W Lake, Chicago, Ill.
Hawkins Rollyn, Indianapolis, Ind.
Hill Mfg. Co., 2127 Railway Exchange bldg, St. Louis, Mo.
Howard & Morse (Also Guards), 46 Fulton, New York
Johnson W. H. & Son Co. ("Acme"), 330 E St. Joseph, Indianapolis, Ind.
Kirk & Blum, York & Western av, Cincinnati, O.
Kraft A. C., 323 W Lake, Chicago, Ill.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Meyers Fred J. Mfg. Co. (Also Guards), **Hamilton, O.** ***See adv index at end of book***
Monash-Younker Co. ("Dixon" & "Monash"), 1407 W Jackson blvd, Chicago, Ill.
Prentice L. H. Co., 330 Sherman, Chicago, Ill.
Prox Frank Co., Terra Haute, Ind.
Rutherford J. & Son ("Star"), Akron, O.
St. John & Barquist Co., Des Moines, Ia.
Schueler Ventilation Co., Bloomington, Ill.
Sodemann Heat & Power Co. ("Shapco"), 1512 Clark av, St. Louis, Mo.
Thomas & Armstrong Co., Dayton, O.
Tuttle & Bailey Mfg. Co. (Ornamental Cast Iron or Bronze), 52 Vanderbilt av, New York

12099— Radiator Union Nipple Clutch

Simmons Jno. Co. ("Benton" for Radiator Valves), 110 Centre, New York

10299a— Radiators (Airplane)

A. Z. Co., 527 W 5th, New York
Ajax Auto & Aero Sheet Metal Co. (Aero Radiators Intake & Exhaust Pipes), 245 W 55th, New York
Bush Mfg. Co., 77 Commerce, Hartford, Conn.
El Arco Radiator Co., 252 W 64th, New York
English & Mersick, Winchester av, New Haven, Conn.
Fedders Mfg. Co., Buffalo, N. Y.
Flexo Mfg. Co. ("Flexo"), 1312 E 12th, Los Angeles, Cal.
G. & O. Mfg. Co., New Haven, Conn.
KNAPP ARTHUR ENGINEERING CORP. (& Automobile), 30 Church, New York
See adv index at end of book
Livingston Radiator & Mfg. Co., 75th & Amsterdam av, New York
McCord Mfg. Co., Detroit, Mich.
Rome-Turney Radiator Co., Rome, N. Y.

Radiators (Automobile)

See Radiators, Water Cooling

12100— Radiators (Electric)

Adams Bros. Mfg. Co., Pittsburgh, Pa.
American Electrical Heater Co. (Luminous & Non-Luminous), Detroit, Mich.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Despatch Mfg. Co., 104 2nd, Minneapolis, Minn.
Edison Elec. Appliance Co., 5600 Taylor, Chicago, Ill.
Elec. Sales Corp., Henry bldg, Seattle, Wash.
Elec. Steam Radiator Co. Portland, Me.

RADIATORS (ELECTRIC)—continued

Estate Store Co., Hamilton, O.
Hulbert Electro-Steam Mfg. Co., 205 Tehama, San Francisco, Cal.
Landers Frary & Clark, New Britain, Conn.
Lee Electric Radiator Co., 7031 Stewart av, Chicago, Ill.
Lindstrom-Smith Co., 1104 S Wabash av, Chicago, Ill.
Nat'l Elec. Utilities Corp., 103 Park av, New York
Peloms Mfg. Co., 232 E Ohio, Chicago, Ill.
Philps Mfg. Co., 265 Jefferson av, Detroit, Mich.
Prometheus Electric Co. (Air Heaters), 511 W 42d, New York
Quick Elec. Heater Co., 5514 Covington av, Cincinnati, O.
Rathbone Mfg. Co., Grand Rapids, Mich.
Rutenber Elec. Co., Marion, Ind.
S. P. Store Co., Wilmetti, Ill.
Sharp C. H. Mfg. Co., 1312 E 12th, Los Angeles, Cal.
Simplex Electric Heating Co. ("Simplex"), Cambridge, Mass.
Thermo Mfg. Co. (Air Heaters), Cleveland, O.
Waldman John J, 136 Liberty, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Willis Elect. Co., 4140 Euclid av, Cleveland, O.

Radiators (Electric Car)

See Heaters, Electric Car

12101— Radiators (Gas)

Adler H. Co. ("Acme"), Carnegie, Pa.
American Beauty Stove Co. ("American Beauty"), Erie, Pa.
American Stove Co. ("Reliable," "Clark," "Quick Meal," "Dangler," "National," "Standard"), St. Louis, Mo.
Century Mfg. Co., 453 Canal, New York
Clark Geo. M. & Co. ("Jewell"), 179 N Michigan av, Chicago, Ill.
Claw J. B. & Sons (Combination Gas & Steam), 544 S Franklin, Chicago, Ill.
Crane Wm. M. ("Vulcan"), 16 W 32d, New York
Dangler Stove Co. (Branch), 5017 Perkins av, Cleveland, O.
Detroit Heating & Lighting Co., Detroit, Mich.
Eriez Stove & Mfg. Co. ("Eriez"), Erie, Pa.
Franklin Co. (Gas Steam), Canton, O.
Hugo Mfg. Co., Duluth, Minn.
Mead Gas Heater Co. (Gas & Steam), Delawanna, N. J.
McLain L. H. Co., 929 Cleveland av S W, Canton, O.
Reliable Stove Co. ("Reliable"), Cleveland, O.
Scientific Heater Co., 1065 E 152d, Cleveland, O.
Southard-Robertson Co. ("Magnetic"), Peekskill, N. Y.
Union Stove Works ("Grand"), 70 Beekman, New York
Watt Robt. Mfg. Co. ("Watt" Gas & Steam), 1701 N 20th, Phila., Pa.
Weiskittel A. & Son Co. ("Fire King"), 12th & E Lombard, Baltimore, Md.

12102—Radiators (Hot Water & Steam)

AMERICAN RADIATOR CO., ("American," "Peerless", "Rococo"), 820 S Michigan av, Chicago, Ill.
Atlantic Radiator Co., Huntington, Pa.
Buckingham Routh Co. ("Gold" Sheet Iron), New Haven, Conn.
Case W. A. & Sons Mfg. Co. ("Matchless"), Buffalo, N. Y.
Central Radiator Co., Lansdale, Pa.
Dennison Fdry & Mach. Co., Dennison, O.
Fowler & Wolfe Mfg. Co. ("Wall Radiators), Phila. Bourse, Phila., Pa.
Franklin Co., (Automatically Controlled Steam) Canton, Ohio
Gibson Iron Works ("Exeter"), Gibson City, Ill.
Gurney Heater Mfg. Co. ("Narrow," "Duet," Gurney" & "Tremont"), 188 Franklin, Boston, Mass.
Hudson Boiler Mfg. Co., 359 W 42d, Nev York
Iowa Radiator Co., Cedar Rapids, Ia.
Kansas City Radiator Co., 31st, Kansas City, Mo.
Kewanee Boiler Co., Kewanee, Ill.
Logansport Radiator & Equipment Co. ("Logan"), Logansport, Ind.
McLain J. H. Co., Canton, O.
Mackay Mfg. Co. ("Knickerbocker"), 234 Water, New York
Monitor Bi-Loop Radiator Co., ("Bi-Loop"), Lancaster, Pa.
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
National Radiator Co. ("Novus," "Solus," "Bedford," "Somerset"), Trenton, N. J.
New York Radiator Co., Utica, N. Y.
Page Wm. H. Boiler Co., 141 W 36th, New York
PIERCE, BUTLER & PIERCE MFG. CO. ("Pierce"), 437 E 162d, New York
Prox Frank Co., Terre Haute, Ind.
Richmond Radiator Co. ("Richmond" Direct & Indirect & Wall), 1480 B'way, New York
Shirley Radiator & Foundry Co., Indianapolis, Ind.
SMITH H. B. CO. ("Princess," "Princess Wall," "Smith Hot Blast," "Imperial," "Reed," "Loyal," "X-Ray," "Corts," "Sovereign," "Gold Pin," "School Pin," "Aerial"), Westfield, Mass.
South Park Foundry & Machine Co. ("Bon Ton" & "Rising Sun"), St. Paul, Minn.
Union Radiator Co. ("Concord"), Johnstown, Pa.
U. S. Radiator Corp. ("Puritan," "Florentine," "Sun," "Triton"), B'way & Grand River, Detroit, Mich.
Utica Heater Co., Utica, N. Y.
Williamsport Radiator Co. ("Norka"), Williamsport, Pa.

12103—Radiators (Stove Pipe)

Cole Mfg. Co., 3218 S Western av, Chicago, Ill.
Excelsior Stove & Mfg. Co. (Heating), Quincy, Ill.
Hemp & Co., Vandeventer nr Shaw, St. Louis, Mo.
Independent Register & Mfg. Co., Cleveland, O.
Rochester Radiator Co., 268 State, Rochester, N. Y.

12104—Radiators (Water Cooling)

American Pressweld Radiator Corp., Euclid, Detroit, Mich.
Auto Fender & Radiator Wks., 1140 Geary, San Francisco, Cal.
Auto Lamp & Radiator Co., Cleveland, O.
A. Z. Co., 527 W 56th, New York
Bliss-Chester Co., 31 Mathewson, Providence, R. I.
Borbein Auto Co., 2109 N 9th, St. Louis, Mo.
Briscoe Mfg. Co., Detroit, Mich.
Candler Radiator Co., 1084 Jefferson E, Detroit, Mich.
Champion Mfg. Co., 552 Golden Gate av, San Francisco, Cal.
Corcoran Mfg. Co., 4634 Spring Grove av, Cincinnati, O.
Detroit Auto Specialty Co. ("Honeycomb"), 909 Greenwood av, Detroit, Mich.
English & Mersick Co., New Haven, Conn.
Fedders Mfg. Co. ("Honeycomb"), Buffalo, N. Y.
Harrison Mfg. Co., Lockport, N. Y.
Hayes Mfg. Co., Detroit, Mich.
Hussey Drop Forge Mfg. Co., Cleveland, O.
Jamestown Car Parts Mfg. Co. ("Jamestown") Jamestown, N. Y.
Kells W. J. Mfg. Co., 521 W 45th, New York
Kurtzner Radiator Co., 7512 Carnegie av, Cleveland, O.
Long Mfg. Co., Cameron av & E Gd. blvd, Detroit, Mich.
Mayo Radiator Co., S. blvd & 143rd, New York
Nathan Novelty Mfg. Co. (For Fords), 84 Reade, New York
NATIONAL CAN CO., Detroit, Mich.
Rands Mfg. Co., Detroit, Mich.
Rome-Turney Radiator Co., Rome, N. Y.
Springfield Body Co., Springfield, Mass.
Syracuse Automobile Radiator Co., Syracuse, N. Y.
Terwedo Mfg. Co., Oshkosh, Wis.
Unitube Auto Radiator Corp. ("Unitube"), Rochester, N. Y.
Western Radiator & Fender Mfg. Co., 1430 Bush, San Francisco, Cal.

12104a— Radiators (Tractor)

Candler Radiator Co. (& Truck), 1084 Jefferson E, Detroit, Mich.
Perfex Radiator Co., Racine, Wis.

12104b— *Radiators (Transformer, Cooling)

Pressed Metal Radiator Co., Pittsburgh, Pa.

12105— Radium

Elmer & Amend, 205 3d av, New York
Fuerst Bros. & Co., 2 Stone, New York
Radium Chemical Co. (& Luminous Compounds), 3530 Forbes, Pittsburgh, Pa.
Radium Luminous Material Corp. (Luminous & Salts), 55 Liberty, New York

12105a—Radius Planer Attachments

Underwood H. B. & Co., 1023 Hamilton, Phila., Pa.

12106—Raffia Grass Importers

Jacob Chas. W. & Allison, 18 Cedar, New York

Rags (Wiping)

See Wipers, Machine

Rail Bond Testers

See Instruments, Electrical Testing & Measuring

12107— Rail Bonds

AMERICAN STEEL & WIRE CO. ("United States" & "Crown" Solid Flexible Copper, Tubular Terminal, Multi-Terminal, Twin Terminal, Triple Terminal, Quadruple Terminal, Soldered), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Brown, Harold P., 120 Liberty, New York
Electric Railway Improvement Co. (Copper, Electrically Welded & Electrically Braized), Cleveland, O.
Electric Service Supplies Co. ("Protected"), 17th & Cambria, Phila., Pa.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Holden & White, Fisher bldg, Chicago, Ill.
Horne Mfg. Co. (Laminated), Brooklyn, N. Y.
Jamison Rail Bond & Electrical Supply Co. ("J. A. J."), Jenkins Arcade, Pittsburgh, Pa.
Johns-Manville Co., H. W., Madison av & 41st, New York
Lincoln Bonding Co., 636 Huron rd, Cleveland, O.
Lord Mfg. Co. ("Thomas" Laminated Soldered), 105 W 40th, New York
Metal & Thermit Corp. ("Thermit," Welded), 120 B'way, New York.
See adv index at end of book
Ohio Brass Co. ("O.-B."), Mansfield, O.
Protected Rail Bond Co., 17th & Cambria, Phila., Pa.
Railroad Supply Co., 203 S Dearborn, Chicago, Ill.
Union Electric Co. ("Union"), 31 Terminal way, Pittsburgh, Pa.

12108— Rail Joints

Atlas Railway Supply Co. ("Atlas," for Tee or Girder Rails), 431 S Dearborn, Chicago, Ill.
Bethlehem Steel Co., S. Bethlehem, Pa.
BOSSERT CORP., THE (Collar), Utica, N. Y. *See adv index at end of book*
Carnegie Steel Co. ("Duquesne", "Braddock"), Carnegie bldg, Pittsburgh, Pa.
Colorado Fuel & Iron Co., Denver, Colo.
Elyria Iron & Steel Co. ("Manhattan" "Compromise or Step"), Cleveland, O.
Heil Company (Cast Welded), 26th & Montana av, Milwaukee, Wis.
Illinois Steel Co., 208 S La Salle, Chicago, Ill.
Industrial Supply & Equipment Co. ("Manhattan," Rolled Steel Standard Joint), 407 Sansom, Phila., Pa.
Lackawanna Steel Co., Buffalo, N. Y.
Lincoln Bonding Co. ("Gailor"), 636 Huron rd, Cleveland, O.
Metal & Thermit Corp. ("Thermit"), 120 B'way, New York
See adv index at end of book

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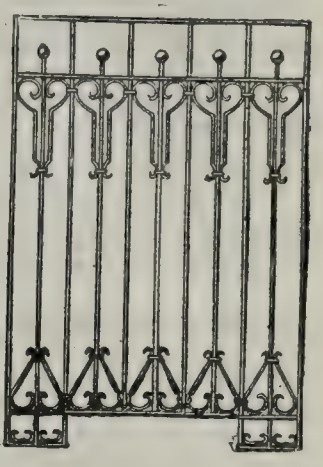

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Rail Joint Co. (Continuous "Weber," "Wolhaupter" & "100 per cent."), 61 B'way, New York

Rail Joint Co., Penn bldg., Philadelphia, Pa.

Railroad Supply Co. (Fibre Insulation), 203 S Dearborn, Chicago, Ill.

Ramapo Iron Works, Hilburn, N. Y., & Niagara Falls, N. Y.

Reading Specialties Co. (Compromise), Reading, Pa.

Reinforced Rail Joint Co. ("Roach" Reinforced), Syndicate Trust bldg, St. Louis, Mo.

Wilmington Malleable Iron Works of Eastern Malleable Iron Co., Wilmington, Del.

12109—Rail Joints (Continuous)

Rail Joint Co. ("Weber," "Wolhaupter" & 100 per cent."), 61 Bway, New York

12110—Rail Mills (Iron & Steel)

(This List Contains Only the Mills that Roll Rails; see also Rails, Steel)

American McKenna Process Co. ("McKenna" Process Renewed Steel Rails), 508 Colby-Abbot, Milwaukee, Wis.

Bethlehem Steel Co. (Standard Sections, Open Hearth, Open Hearth Nickel Steel & Nickel Chrome Steel Rails), South Bethlehem, Pa.

Buckeye Rolling Mill Co. (Light Rails, 12-16-20-25-30-35 & 40 lbs.), Steubenville, O. Mills: Newark, O.

Cambria Steel Co. (T Rails, 12 to 15 lbs.), **Widener bldg, Phil., Pa.**

Carnegie Steel Co. (Bessemer Standard Sections of Steel Rails, 50 lbs. & Heavier & Light Sections under 50 lbs.), Carnegie bldg, Pittsburgh, Pa.

Colorado Fuel & Iron Co. (Standard Sections of Bessemer & Open Hearth Steel Rails & Light Mine Rails), Denver, Colo.

Crouch W. J. Co., Inc., 253 B'way, New York

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

Illinois Steel Co. (Bessemer & Open Hearth Standard Sections 50 to 100 lbs., Bessemer Light Steel Rails 8 to 45 lbs.), 208 S La Salle, Chicago, Ill.

Interstate Iron & Steel Co., 1st Nat. Bank bldg, Chicago, Ill.

Judson Mfg. Co. (Light Iron Rails), 819 Folsom, San Francisco, Cal.

Knoxville Iron Co. (Light Iron T Rails, 12 to 30 lbs.; also Street Rails), Knoxville, Tenn.

Lackawanna Steel Co. (Bessemer & Open Hearth Standard Sections of Steel Rails; also Light Steel Rails, 12 to 65 lbs.), Buffalo, N. Y.

Latshaw Steel & Metal Products Corp.,220 B'way, New York
See adv index at end of book

Lorain Steel Co. (Girder & High Tee), Johnstown, Pa.

Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book

Rail Joint Co. (Tram Rails), 61 B'way, New York

Sweets Steel Co. (Light Steel 12 to 60 lbs.), Williamsport, Pa.

Tennessee Coal Iron & Railroad Co. (Standard Sections of open Hearth, Rails & Light Rails), Birmingham, Ala.

United States Rail Co. (Renewed Steel Rails 8 to 40 lbs.), Cumberland, Md.

West Virginia Rail Co. (Steel Rails, 16 to 30 lbs.), Huntington, W. Va.

Railings (Altar)

See Brass Altar Rails & Pulpits

Railings (Brass)

See Bank & Office Railings

12111— Railings (Iron, Brass & Bronze Pipe)

Anchor Post Iron Works, 167 B'way, New York
For branch offices see Alphabetical Section

Beckley Perforating Co. (Iron Only), Garwood, N. J.

Beere Geo. W. (Iron), 294 Taaffe pl, Brooklyn, N. Y.

Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.

Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.

Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book

COLUMBUS BRASS CO. (Brass & Bronze) 538 Dublin av, Columbus, O.
See adv index at end of book

GORHAM CO. ARCH'L BRONZE (Brass & Bronze Only), 5th av & 36th, New York. Works: Providence, R. I.
See adv index at end of book

Heath-Johnson Co., 300 W Ontario, Chicago, Ill.

Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill. *See adv index at end of book*

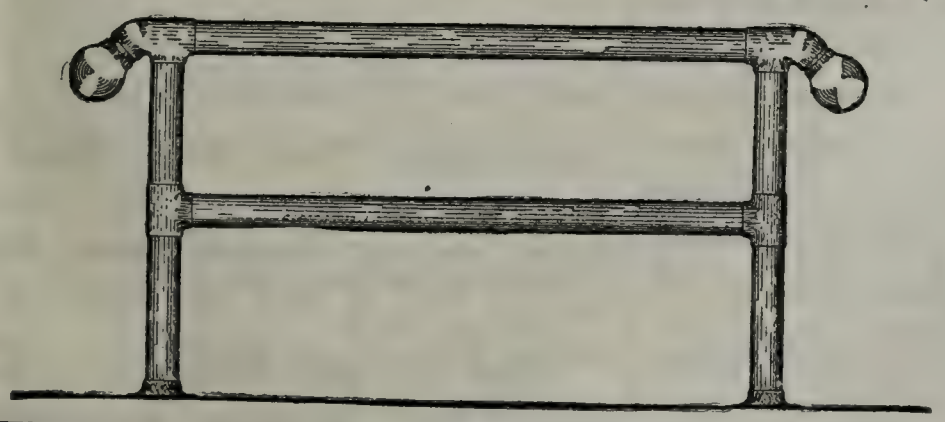
Larkin J. K. & Co. (Iron & Brass), 34 Reade, New York
See adv index at end of book

Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.

McKenna Brass & Mfg. Co., Inc. (Brass & Bronze Only), 1st av & Ross, Pittsburgh, Pa.

STRUCTURAL BRASS AND BRONZE WORK

FOR THEATRES, SCHOOLS, OFFICE BUILDINGS, ETC.



Brass Rails
Kick and Push Plates
Door Guards
Grilles
Brass Thresholds
Tablets
Bldrs.' Hardware
Special Brass Work

Forward Blue Prints for Prices

THE COLUMBUS BRASS CO.

538-544 Dublin Ave. Columbus, Ohio

RAILINGS (IRON, BRASS, ETC)—cont'd

Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
NEWMAN MFG. CO., 707 Sycamore, Cincinnati, O., & 68 W Washington, Chicago, Ill. *See adv index at end of book*
Pipe Railing Construction Co., 79 6th, Long Island City, N. Y.
Republic Structural Iron Works Co. (Iron), 1350 53d, Cleveland, O.
Simmons John Co. (Iron Pipe of All Kinds), 110 Centre, New York
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill. *See adv index at end of book*
Southwest Wire & Iron Works Co., Kansas City, Mo.
TYLER W. S. CO., Cleveland, O. *See adv index at end of book*
Voltz Mfg. Co., 914 Penn., St. Joseph, Mo.
WRIGHT WIRE CO. (& Fixtures), Worcester, Mass. *See adv index at end of book*

12112—*Railings (Tool Room)

Cincinnati Mfg. Co., Cincinnati, O. *See adv index at end of book*
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill. *See adv index at end of book*
TYLER W. S. CO., Cleveland, O. *See adv index at end of book*

12113— Railings (Vault)

Anchor Post Iron Works, 167 B'way, New York *For branch offices see Alphabetical Section*
Buffalo Wire Works Co., (Bronze) 453 Terrace, Buffalo, N. Y.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill. *See adv index at end of book*
TYLER W. S. CO., Cleveland, O. *See adv index at end of book*

12114— Railroad Curves

Keuffel & Esser, Hoboken, N. J.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.

12114a—*Railroad Equipment (For Narrow Gauge)

LIGHT RAILWAY EQUIPMENT CO., 526 Commercial Trust bldg., Phila., Pa.

12115—Railroad Equipments (Second Hand)

Atlantic Equipment Co., 149 B'way, New York
Apex Equipment Co., 63 Wall, New York
Barry Bert B., Peoples' Gas bldg., Chicago, Ill.
Birmingham Rail & Locomotive Co. (Locomotives, Relaying Rails, Frogs, Switches, etc), Birmingham, Ala.
Coates, Bennett & Reidenbach (Relaying Rails, etc.), Rochester, N. Y.
Conard Thos. P., 2 S 15th, Phila., Pa.
Cox Justice Jr. & Co. (Cars, Locomotives, Relaying Rails, etc), Land Title bldg, Phila., Pa.
Dallett & Co., Harrison bldg, Phila., Pa.
Dilley Foundry Co., Pine Bluff, Ark.
Dooley-Killian Co., Inc. (Rails), 26 Cortlandt, New York
Duluth Iron & Metal Co., Duluth, Minn.
Fishel & Marks Co., 3013 E 55th, Cleveland, O.
Foster H. M. Co. (Relaying Rails), Continental bldg, Baltimore, Md.
Foster L. B. Co. (Steel & Relaying Rails), Park bldg, Pittsburgh, Pa.
Frank M. K. (Relaying Rails, etc), Frick bldg, Pittsburgh, Pa.
General Equipment Co. (Locomotives, Cars, Relaying Rails, etc), 30 Church, New York
Gerson I. & Son, Toledo, O.
GREEN L. A., First Nat'l Bk. bldg, Pittsburgh, Pa.
Greenspon's Jos. Sons Iron & Steel Co. (Relaying Rails, etc), B'way & Branch, St. Louis, Mo.
Hirsch Cal. & Sons Iron & Rail Co. (Relaying Rails & Track Materials), 300 S B'way, St. Louis, Mo.
Hoflus Steel & Equip. Co., Seattle, Wash.
HOISTING MACHINERY CO., 50 Church, New York *See adv index at end of book*
Hubbard-Floyd Co., Inc., 90 West, New York
Hyman-Michaels Co. (Relaying Rails), People's Gas bldg, Chicago, Ill.
Inter-State Car Co. (Freight Cars Only), Indianapolis, Ind.
Jones J. B. & Co. (Relaying Rails), 718 Lacock, Pittsburgh, Pa.
Joseph Isaac Iron Co., 525 Hunt, Cincinnati, O.
Joseph, Joseph & Bro. Co., Cincinnati, O.
Kilby Car & Foundry Co., Anniston, Ala.
KING H. B. SALES AGENCY (Also Rails, New & Relaying, & Steel Products of all Kinds), 244 California, San Francisco, Cal.
KLEINHAUS H. CO., Union Arcade, Pittsburgh, Pa. *See adv index at end of book*
Lawson F. A., 525 Market, San Francisco, Cal.
Levis Henry & Co. (Rails, Cars, etc), Commercial Trust bldg, Phila., Pa.
Lines, Flynn Co., 30 Church, New York
Luther Frederick P. Co. (New & Second-Hand Locomotives, Cars, etc), 14 E Jackson blvd, Chicago, Ill.
MacCleary J. H. (Locomotives, Cars, etc), Suffolk, Va.
Males Co. (Locomotives, Cars, Rails, Steam Shovels, etc.), 2226 Fulton av, Cincinnati, O., & 26 Cortlandt, New York
Merchants Steel & Supply Co. (Relaying Rails, etc), 208 S La Salle, Chicago, Ill.
Miller Supply Co., Huntington, W. Va.
Mitshun M. Co., Detroit, Mich.
Morrison & Risman, 1437 Bailey av, Buffalo, N. Y.
Newhall Geo. M. Engineering Co. (Relaying Rails, etc.), Commercial Trust bldg, Philadelphia, Pa.
Niles F. H. & Co., Inc., 233 B'way, New York
Ohio Iron & Metal Co., 38 S Dearborn, Chicago, Ill.
Penna. Eqp. Co., Coleman bldg, Phila., Pa.
Railway Supply & Mfg. Co., Cincinnati, O.
Railway & Power Equipment Co., 233 B'way, New York
Richardson & Co. (Relaying Rails, etc), Bessemer bldg, Pittsburgh, Pa.
Sabel Bros. (Relaying Rails), Jacksonville, Fla.
Sherwood E. C. (Steel Tee Rails, etc), 50 Church, New York
Shook & Fletcher Supply Co. (Relaying Rails), Birmingham, Ala.
Smith Thos. & Son (Relaying Rails), 410 3d av, Brooklyn, N. Y.
Sonken-Golamba Iron & Metal Co. (Relaying Rails), N 2nd, Kansas City, Kans.
Southern Iron & Equipment Co. (Locomotives, Rails, etc.), Atlanta, Ga.
Standard Railway Euipment Co., 20 W Jackson blvd, Chicago, Ill.
Steel Rail Supply Co. (Relaying & Scrap Rails, Spikes, etc), 2 Rector, New York
Tillery J. F. Iron Co., Knoxville, Tenn.
Union Iron Works Co., Selma, Ala.
Universal Railway Supply Co. (Relaying Rails, etc), 122 S Michigan av, Chicago, Ill.
Warner P. B., Sedamsville, Culloms Station, Cincinnati, O.
Watson John B. Co. (Locomotives, Cars, etc), Witherspoon bldg, Philadelphia, Pa.
Wilson E. H. & Co. (Locomotives, Coaches, Rails, etc), Commercial Trust bldg, Phila., Pa.
Zelnicker Walter A. Supply Co. (Rails, Locomotives, Rolling Stock, etc), 325 Locust, St. Louis, Mo.

12117—Railroad Stationery, Blanks, Manifests, Etc.

See also Paper, Railroad, Manila & Writing
Allen Lane & Scott (Printers), 1211 Clover, Phila., Pa.
Armstrong H. J. & Co., 538 S Clark, Chicago, Ill.
Autographic Register Co. ("Shoups" Manifold Books), Hoboken, N. J.
Baker-Vawter Co. (Manifold Shipping Banks), Benton Harbor, Mich.
Barlow Bros. (Manifold Shipping Blanks), Grand Rapids, Mich.
Boorum & Pease Co. (Manifold Books), 109 Leonard, New York
Brown Martin B. Printing & Binding Co. (Railroad Printing, etc), 39 Chambers, New York
Conolly Hy Co., Rochester, N. Y.
Dexter C. H. & Sons, Windsor Locks, Conn.
Diamond Mills Paper Co. (Manifests & Copying Papers), 44 Murray, New York
Fleet-McGinley Co. (Printers), cor South & Water, Baltimore, Md.
Francis & Loutrel Co. (Manifold Books, etc), 21 Cliff, New York
General Manifold & Printing Co. (Manifold), Franklin, Pa.
Hall J. C. Co. (Manifold Books, etc), 68 W Exchange, Providence, R. I.
Hamilton Autographic Register Co. (Manifold Shipping Blanks), Hamilton, O.
Hampden Glazed Paper & Card Co. (Railroad Blanks), Holyoke, Mass.
Holyoke Card & Paper Co. (Railroad Blanks), Springfield, Mass.
Johnston Wm. G. Co. (Manifolds, Bills of Lading, Blanks, etc), 429 Wood, Pittsburgh, Pa.
Mann Wm. Co. (Copying Paper, etc), 105 Chambers, New York
Monarch Manifold Book Co., West & Hubert, New York
N. Y. Blank Book Co., 316 Hudson, New York
Rogers Manifold & Carbon Paper Co. (Manifold Books & Carbon Paper), 33 Sullivan, New York
Union Mills Paper Mfg. Co. (Copying Paper), New Hope, Pa.
Ward John & Son, 115 Cedar, New York
Whitmore Mfg. Co. (Railroad Blanks), Holyoke, Mass.
Whittelsey Frank H. Co. (Railroad Manifest Impression Paper, Train Order Blanks, etc), Windsor Locks, Conn.

Railroad Supplies

See Specific Article Wanted; also Rail Mills, Iron & Steel; also Hardware, Wholesale; also Mill & Factory Supplies; also Iron & Steel Manufacturers of Various Kinds; also Machinery Manufactures of Various Kinds
For All Other Railroad Specialties, etc., see Index of Contents

Railroad Ties

See Ties, Poles & Posts

Railroad Velocipedes

See Cars, Velocipede

Rails (Automobile)

See Rails, Coat, Robe, etc.

12118— Rails (Barn Door)

Allith-Prouty Co., Danville, Ill.
Aurora Door Hanger & Specialty Co., Aurora, Ill.
Brewer Bros. Co., (Wrought), 614 Filbert, Phila., Pa.
Cambria Steel Co., Widener bldg., Phila., Pa.
Cronk & Carrier Mfg. Co., Elmira, N. Y.
Griffin Mfg. Co., Erie, Pa.
Hunt, Helm, Ferris & Co. ("Harvard" Steel), Harvard, Ill.
Lawrence Bros., Sterling, Ill.
MYERS F. E. & BRO. ("Myers, O. K.," "New Way," "Giant," "Hercules," "Faultless"), 800 Orange, Ashland, O. *See adv index at end of book*
National Mfg. Co., Sterling, Ill.
Reading Hardware Co., Reading, Pa.
Richards-Wilcox Mfg. Co., Aurora, Ill.
Stowell Co., The (Parlor Door & Hay Carrier), South Milwaukee, Wis.

12119— Rails (Carriage, Etc.)

Searls Mfg. Co., 23 Mulberry, Newark, N. J.

12120—Rails (Coat, Robe, Etc.)

Attwood Brass Works, Grand Rapids, Mich.
Gemco Mfg. Co. ("Gemco" Robe, Foot, etc), Milwaukee, Wis.
Highton Wm. & Sons Co. (Robe, etc), Nashua, N. H.
Medina Stamping & Machine Co. ("Medina" Foot Robe, Folding Robe, etc), Medina, N. Y.
Novelty Mfg. Co. (Robe, Foot, Coat), Waterbury, Conn.

12121— Rails (Door)

Aurora Door Hanger & Specialty Co., Aurora, Ill.
Bridgeport Brass Co., Bridgeport, Conn.
Imperial Brass Mfg. Co. (Bronze), 524 S Racine av, Chicago, Ill.
See adv index at end of book
Newman Mfg. Co. (Guard Rails), 717 Sycamore, Cincinnati, O., & 68 W Washington, Chicago, Ill.
See adv index at end of book
Peters Jas. & Son (Wrought Iron), 1934 N Front, Phila., Pa.
Plume & Atwood Mfg. Co. (Brass), Waterbury, Conn.
Reading Hardware Co., Reading, Pa.
Richards-Wilcox Mfg. Co., Aurora, Ill.
Rome Brass & Copper Co. (Brass), Rome, N. Y.
STANLEY WORKS (Wrought Steel), New Britain, Conn.
See adv index at end of book
Stowell Co., The (Steel), South Milwaukee, Wis.
Waterbury Brass Goods Corp'n, Waterbury, Conn.

12122—Rails (Girder & High Tee)

See also Rail Mills, Iron & Steel

Cleveland Frog & Crossing Co., Cleveland, Ohio
Lorain Steel Co., Johnstown, Pa.

12123— Rails (Guard)

Central Frog & Switch Co., Cincinnati, O.
Cincinnati Frog & Switch Co., Cincinnati, Ohio *See adv index at end of book*
Cleveland Railway Supply Co., Cleveland, O.
Cleveland Frog & Crossing Co., Cleveland, Ohio
Columbus Brass Co., 538 Dublin av, Columbus, O. *See adv index at end of book*
Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill. *See adv index at end of book*
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Newman Mfg. Co., 717 Sycamore, Cincinnati, O., & 68 W Washington, Chicago, Ill. *See adv index at end of book*
Wharton Wm. Jr., & Co., Inc. (Standard & "Tisco" Manganese Steel), Easton, Pa.

12124-5—Rails (Hand & Foot)

American Bridge Co., 30 Church, New York
Bigelow Cheney Wire Works, Springfield, Mass.
Braun J. G., 609 S Paulina, Chicago, Ill.
DAHLSTROM METALLIC DOOR CO. (Bridge Hand Rails), 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book
Detroit Shipbuilding Co. (Brass Dept.), Detroit, Mich.
Imperial Brass Mfg. Co. (Automobile Foot & Robe Rails), 524 S Racine av, Chicago, Ill. *See adv index at end of book*
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Newman Mfg. Co., 717 Sycamore, Cincinnati, O., & 68 W Washington, Chicago, Ill. *See adv index at end of book*
Plocher Andrew Sons Co. (Brass), Dayton, O.
Republic Structural Iron Works Co., 1350 E 53d, Cleveland, O.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Star Brass Works Co. (Automobile & Robe), Kansas City, Mo.
Van Doorn Co., Quincy, Ill.
Western Brass Mfg. Works (Brass & Bronze), Marshall blvd & W 21st, Chicago, Ill.

Rails (Light)

See Rail Mills, Iron & Steel; also Rails, Steel

12126—Rails (Manganese Steel)

Wharton Wm. Jr., & Co., Inc, (Cast "Tisco"), Easton, Pa.

12126a—Rails (New & Relaying)

KING H. B. SALES AGENCY (Second-Hand Railroad Equipment & Steel Products of all Kinds), 244 California, San Francisco, Cal.

Rails (Relaying)

See Railroad Equipments, Second Hand

12127—Rails (Sliding Door)

Automatic Door Rail Co., Hillsdale, Mich.
Brewer Bros. Co. (Wrought), 614 Filbert, Phila., Pa.
Myers F. E. & Bro. (Myers) 800 Orange, Ashland, O. *See adv index at end of book*
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.

12128— Rails (Steel)

-RAILS-STEEL-
Shafting, Seamless Welded and Seamless Steel Tubing
Hack Saw Blades, Screw Steel
Bars, Sheets, Plates, Angles, Channels
Wire, Rails, Rods, Drills, Files
Steel Balls, Hoops, Nails
LATSHAW STEEL & METAL PRODUCTS CORP.
WORKS-SPRING CITY, PENNA.
GENERAL OFFICES-261 BROADWAY, NEW YORK CITY
BRANCHES-PHILADELPHIA-PITTSBURG-CHICAGO

For Mills that Manufacture Steel Rails, see Rail Mills, Iron & Steel
American Steel Co. (8 to 45 lbs.), Park bldg, Pittsburgh, Pa.
Dunning Carl Equipment Co., United bldg, Indianapolis, Ind.
EASTON CAR & CONSTRUCTION CO., 15 Center sq, Easton, Pa.
See adv index at end of book
Hunt C. W. Co. (Industrial), West New Brighton, N. Y.
See adv index at end of book
King H. B. Sales Agency, 244 California, San Francisco, Cal.
Lewis Henry & Co., Commercial Trust bldg, Phila., Pa.
SOULE EDW. L. CO. (Iron & Steel Products of all Kinds), Rialto bldg, San Francisco, Cal.
See adv index at end of book
Youngstown Steel Car Co., Youngstown, Ohio

Rails (Steel Renewed)

See Rail Mills, Iron & Steel, with the Word Renewed Following their Names

Rails (Tram)

See Rail Mills, Iron & Steel

12129—Railway Supplies (Electric)

See also Trolley Line Materials; also Electrical Supplies

Anderson Albert & J. M. Mfg. Co., 289 A, Boston, Mass.
Barbour Stockwell Co., Cambridge, Mass.
Bissell F. Co., Toledo, O.
Brown Harold P. ("Edison-Brown" Plastic Rail Bond), 120 Liberty, New York
Burnet Co., 69 South, New York
Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
Columbus Mill & Mine Supply Co., 75 N. Front, Columbus, O.
Commercial Electrical Supply Co., Pine & 15th, St. Louis, Mo.
Creaghead Engineering Co., 340 Main, Cincinnati, O.
Dallett & Co. (Cars, Motors & Equipments), Harrison bldg, Phila., Pa.
Dayton Mfg. Co., Dayton, O.
Eccles & Smith Co., 71 1st, Portland, Ore., & San Francisco, Cal.
Electric Railway & Mfrs. Supply Co., 16 2nd, San Francisco, Cal.
Electric Service Supplies Co. ("Keystone"), 17th & Cambria, Phila., Pa.
Electrical Material Co., 618 W Jackson blvd, Chicago, Ill.
Fitts F. E. Mfg. & Supply Co., 88 Purchase, Boston, Mass.
Fox Bros. & Co., 126 Lafayette, New York
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Handlan-Buck Mfg. Co., 210-14 N 3d, St. Louis, Mo.
Johns H. W.-Manville Co., Madison av & 41st, New York
Jones Jas. Co., Los Angeles, Cal.
Long E. G. Co., 50 Church, New York
Miller Trolley Shoe Co. (Trolley Shoe), 15 Elkins, Boston, Mass.
Morris Iron & Steel Co., Frederick, Md.
Moss & Satterlee, Kansas City, Mo.
Nagel W. G. Electric Co., Toledo, O.
NUTTALL R. D. CO. (Trolley Bases, Harps, Wheels, Gears, Pinions, etc), McCandless & Harrison av, Pittsburgh, Pa. *See adv index at end of book*
Ohio Brass Co., Mansfield, O.
Post-Grover Electric Co., 308 W 4th, Cincinnati, O.
Railway Power & Equipment Co., 120 Liberty, New York
Ridlon Frank Co. (Of Every Description), 251 A, Boston, Mass.
Roberts H. C. Electric Supply Co., 905 Arch, Phila., Pa.
Semple W. & A. C., 309 W Main, Louisville, Ky.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Sherburne & Co., 53 Oliver, Boston, Mass.
Somers Fitler & Todd Co., 325 Water, Pittsburgh, Pa.
Southern Electric Co., 16 Light, Baltimore, Md.
Stuart-Howland Co., 234 Congress, Boston, Mass.
Tractions Materials Co. (Cars), Trucks, Motors, Gears, Axles, Springs, Wheels, etc), 501 5th av, New York
Union Electric Co., 31 Terminal-Way, Pittsburgh, Pa.
Watson John B. Co., Witherspoon bldg., Philadelphia, Pa.
Wesco Supply Co., 7th & Clark, St. Louis, Mo.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

12130— Railways (Gravity)

Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book

12130a— Railways (Incline)

See Stairways, Moving

12131—Railways (Industrial & Portable)

Atlas Car & Mfg. Co., Cleveland, O.
Central Frog & Switch Co., Cincinnati, O.
Chase Foundry & Mfg. Co., 2700 Parsons av, Columbus, O.
See adv index at end of book

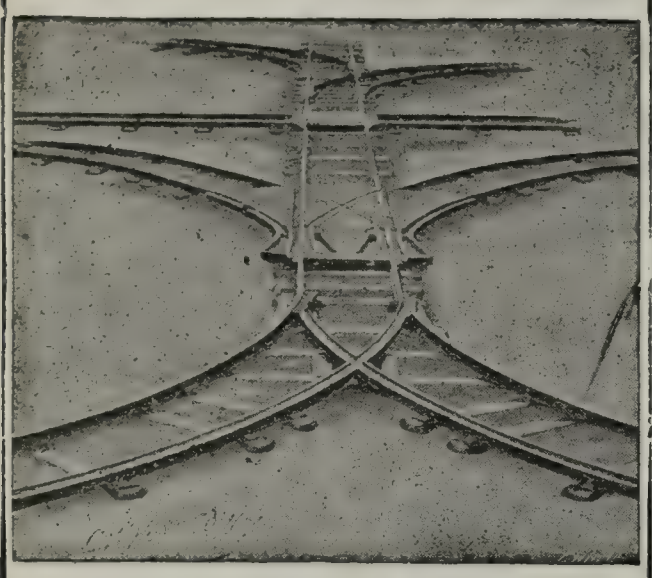
THE CINCINNATI FROG & SWITCH CO.
Cincinnati, Ohio

EASTON CAR & CONSTRUCTION CO., 15 Center sq, Easton, Pa.
See adv index at end of book
Exeter Machine Works, Pittston, Pa.
GENERAL ELECTRIC CO., Schenectady N. Y. *See adv index at end of book*

When writing to firms whose names appear in this book please mention
HENDRICKS' COMMERCIAL REGISTER.

RAILWAYS (INDUSTRIAL & PORTABLE)—continued

Howe Scale Co. of Illinois, 1315 S Wabash av, Chicago, Ill.



INDUSTRIAL RAILWAYS

are used in the largest manufacturing plants for handling castings, coal, ashes, sand, etc.

Fully described, together with Hunt Cars, Switches, Turntables, etc., in Catalog Z 16-2.

C. W. HUNT CO., West New Brighton, N. Y.

Manufacturers and designers of apparatus for handling bulk material.

See adv. index & branch offices end of book

HUNT C. W. CO. (Industrial), West New Brighton, N. Y.
See adv index at end of book
Indianapolis Switch & Frog Co., Springgeld, O.
Insley Mfg. Co., 3500 E St. Clair, Indianapolis, Ind. *See adv index at end of book*
Light Railway Equipment Co., 526 Commercial Trust bldg, Phila., Pa.
LINK-BELT COMPANY (Industrial), 39th & Stewart av, Chicago, Ill. & Hunting Park av & P & R Ry, Phila., Pa. *See adv index at end of book*
Mead-Morrison Mfg. Co., Cor. Prescott & Orleans, East Boston, Mass.
Ramapo Iron Works (Portable Track Switches, etc), Hilburn, N. Y.
Russell Wheel Co., Detroit, Mich.
STEUBNER G. L. IRON WORKS, Queensboro Terminal, Long Island City, N. Y. *See adv index at end of book*
Treadwell M. H. Co., 140 Cedar, New York
Treadwell M. H. Co. of Ill. ("Tread-Kill"), **208 S La Salle, Chicago, Ill.**
TURL IRON & CAR CO., INC., THE, 50 Broad, New York. Works: Newburgh, N. Y.
Union Iron Works, Hoboken, N. J.
Wharton Wm. Jr. & Co., (Inc.), Easton, Pa.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.
Youngstown Steel Car Co., Youngstown, Ohio

Railways (Logging)

See Railways, Industrial & Portable

Railways (Marine)

See Dry Docks & Marine Railways

Railways (Miniature)

See Locomotive & Railways, Miniature

12131a—*Railways (Portable)

Easton Car & Construction Co., 15 center sq, Easton, Pa.
See adv index at end of book

Railways (Scenic)

See Locomotives & Railways, Miniature

Raincoats (Rubber)

See Mackintoshes

12132—Raisers (Carriage Top)

Murray P. A. & Co. ("Murray"), Newton, Mass.

12133—Rakes (Asphalt or Tar)

American Fork & Hoe Co. ("True Temper" Steel), Cleveland, O.
Barber Asphalt Paving Co. ("Iroquois"), Land Title bldg, Phila., Pa.
Union Fork & Hoe Co., Columbus, O.

12134— Rakes (Bean)

Emerson-Brautingham Co. ("Emerson"), Rockford, Ill.

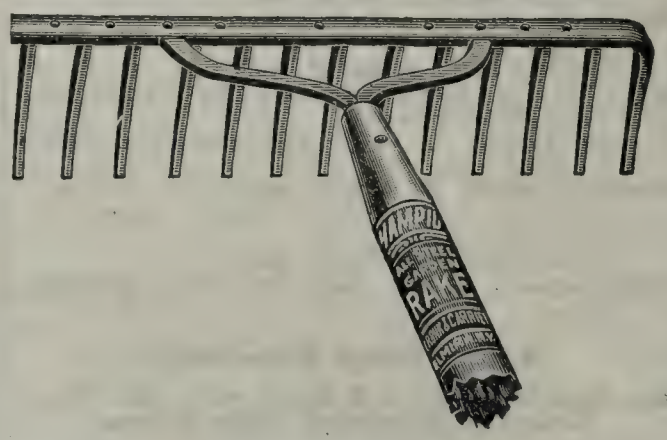
12135— Rakes (Drag)

Foster & Williams Mfg. Co., Racine, Wis.
Marston Rake Co., Lebanon, N. H.

12136—Rakes (Garden or Lawn, Etc.)

Alexander G. E. & Son, Sunapee, N. H.
American Fork & Hoe Co., Cleveland, O.
Bartlett L. D. & Son, South Tamworth, N. H.
Boss Charles H., Liberty, R. I.
Brinser E. C. Sons (White Ash & Hickory), Richmond, Va.
Casement Hardware Co. (Dandelion), 9 S Clinton, Chicago, Ill.
Cheesebrough Thos. E. (Wood), Freeport, Mich.
Cronk & Carrier Mfg. Co. ("Queen City," "Jumbo," "Cronk's," "Elmira Steel Bow" "Champion," "Ideal," "Bow Ideal," "Victor" Brace Wrought Steel & Malleable Iron), 150 Lake, Elmira, N. Y. *See adv index at end of book*

Champion Garden Rake



The Cronk & Carrier Mfg. Co.
150 Lake St., Elmira, N. Y.

Derby & Ball, Bellows Falls, Vt.
Kohler F. E. Co. (Steel Garden Only), Canton, O.
Ney Mfg. Co. (Automatic Self-Cleaning Lawn), Canton, O.
Piqua Handle & Mfg. Co. (Malleable Iron, Garden & "Ole Olsen" Wood Lawn), P O Box 307, Piqua, O.
Potter Mfg. Co. (Ladies' Malleable Goose-Neck Steel Weeding Hoe & Rake Combined, Saloon Saw Dust or Lawn), Geneva, O.
Pratt Fork & Hoe Corp. ("Old Hickory"), Frankfort, N. Y.
Rogers Rake Co., New Hartford, Conn.
Sleeper B. R., Sunapee, N. H.
Standard Auger Co. ("Standard" & "Oblique Tooth"), 57 W 34th, Chicago, Ill.
Stedman M. W., Tyringham, Mass.
Swineford G. A. Co. ("Gibbs" Auto Cleaner, Wire & Automatic, etc), Canton, O.
Union Fork & Hoe Co. ("Union" Bow & Single Shank Steel, Wire Lawn, etc), Columbus, O.
Wallingford Mfg. Co., Wallingford, Vt.

12137— Rakes (Gas Retort)

American Fork & Hoe Co., Cleveland, O.

12139—Rakes (Hay Revolving)

McIntyre C. F., Maine, N. Y.
Rogers Rake Co., New Hartford, Conn.
Rugg Mfg. Co. (Also Drag), Greenfield, Mass.
Stedman M. W., Tyringham, Mass.
Swineford G. A. Co., Canton, O.

12139—Rakes (Hay Revolving)

Herschel R. Mfg. Co., Peoria, Ill.
Hughes & Smythe, Galena, O.
Ohio Rake Co. ("Bob White," "Bulls Head"), Dayton, O.
Wayne Works, Richmond, Ind.

12140—Rakes (Hay, Side Delivery)

Acme Harvesting Machine Co., Peoria, Ill.
Dain Mfg. Co., Ottumwa, Iowa
Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.
Hocking Valley Mfg. Co. ("Lancaster"), Lancaster, O.
International Harvester Company of America (Inc.) (Keystone-Osborne-International), Harvester bldg, Chicago, Ill.
Massey-Harris Harvester Co., Batavia, N. Y.
Moline Plow Co. ("Flying Dutchman," "Moline" Cylinder), Moline, Ill.
Ohio Rake Co. ("Dayton," Wood Frame, "Ohio," Steel Frame), Dayton, O.
Rock Island Plow Co. ("C. B. & Q. Tedder & Cylinder), Rock Island, Ill.
Sandwich Mfg. Co., Sandwich, Ill.
Sterling Mfg. Co., Sterling, Ill.
Thomas Mfg. Co. ("Thomas" Combined Rake & Tedder, & "Thomas" Cylinder Side Delivery Rake & Tedder), Springfield, O.
Wood Walter A. Mowing & Reaping Machine Co., Hoosick Falls, N. Y.

12141— Rakes (Hay, Sulky)

Acme Harvester Machine Co. ("Lark"), Peoria, Ill.
Albright Jas. H. & Sons, Mifflinburg, Pa.
Allen Chas. G. Co., Barre, Mass.
Bateman Mfg. Co. ("New York Champion," "Iron Age"), Grenloch, N. J.
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Deere John Harvester Works, East Moline, Ill.
Deuscher H. P. Co., Hamilton, O.
Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.
Fleming & Sons' Mfg. Co., Huntsville, Mo.
Gale Mfg. Co., Albion, Mich.
Hocking Valley Mfg. Co., Lancaster, O.
Howell R. R. & Co., 31st av, Minneapolis, Minn.
International Harvester Company of America (Inc.) (Champion-Deering-Deering - McCorbick - Milwaukee - Osborne-Plano), Harvester bldg, Chicago, Ill.
Messinger Mfg. Co. ("Steel King" Self-Dumping), Tatamy, Pa.
Moline Plow Co. ("Adriance"), Moline, Ill.
Ohio Rake Co. ("Quail," "Steel King," "Ohio Champion," "Gazelle"), Dayton, O.
Richardson Mfg. Co., Worcester, Mass.
Shaw H. C. Co., Stockton, Cal.
Smith & Sons Mfg. Co. (2 & 3-Wheel Sweep), Kansas City, Mo.
Sterling Mfg. Co., Sterling, Ill.
Thomas Mfg. Co. ("Thomas," "Reliable," "Western," "Orchard," "Thomas Alfafa"), Springfield, O.
Van Brunt Mfg. Co., Horicon, Wis.
Wiard Plow Co., Batavia, N. Y.
Wood W. A. Mowing & Reaping Machine Co., Hoosick Falls, N. Y.

12142— Rakes (Stacker, for Threshers)

Frick Co., Waynesboro, Pa.
Port Huron Engine & Thresher Co., Port Huron, Mich.

12143— Rakes (Stalk)

Acme Harvesting Machine Co., Peoria, Ill.
Peoria Drill & Seeder Co. ("Glendale"), Peoria, Ill.
Sheer E., Lincoln, Ill.

12144— Rakes (Sweep)

Acme Harvesting Machine Co. (Hay), Peoria, Ill.
Anderson Co., 2324 University av, St. Paul, Minn.
Barley Thos. K., Sedalia, Mo.
Children's E. Sons Mfg. Co., Council Bluffs, Ia.
Clippinger A. B. & Son Mfg. Co., Kansas City, Kan.
Dain Mfg. Co. (Automatic Stackers, also Side Rakes), Ottumwa, Ia.
Emerson-Brantingham Co. ("Emerson" Two, Three & Four Wheeled & Power Lift), Rockford, Ill.
Famous Mfg. Co. (Peerless Sweep, Champion Buck), East Chicago, Ind.
Fleming & Sons Mfg. Co., Huntsville, Mo.
Grand Detour Plow Co., Dixon, Ill.
Howell R. R. & Co. (Stacker Rake), 31st av, Minneapolis, Minn.
International Harvester Company of America (Inc.) (Deering-McCormick-International), Harvester bldg, Chicago, Ill.
Jackson Byron Iron Works (Sweep), Berkeley, Cal.
Jenkins Hay Rake & Stacker Co., Chillicothe, Mo.
Kansas City Hay Press Co. (Stacker & Rake), Kansas City, Mo.
Louden Machinery Co. (Rickers), Fairfield, Ia.
Plattner-Yole Mfg. Co., Lincoln, Neb.
Superior Hay Stacker Mfg. Co., Linneus, Mo.
Wyatt F. Mfg. Co. ("Jayhawk"), Salina, Kan.

12145—Rammers (Cement or Dirt)

Republic Mfg. Co., Milwaukee, Wis.

12146— Rammers (Foundry)

See also Pneumatic Sand Rammers

Barnett Oscar Fdry. Co. (Bench & Floor), Irvington, N. J.
Brown & Sharpe Mfg. Co. (Rubber Tipped), Providence, R. I.
CHICAGO PNEUMATIC TOOL CO. (Air), Fisher bldg, Chicago, Ill.
See adv index at end of book
Hellenberg J. B. Co. (Moulders' Bench), Coldwater, Mich.
INGERSOLL-RAND CO. ("Crown" Air), 11 B'way, New York
See adv index at end of book
Mumford E. H. Co., Elizabeth, N. J.
Cleveland-Osborne Mfg. Co., 5405 E Hamilton, Cleveland, O.
Pollard Jos. G. (Cast Iron Ash Handle), 141 Raymond, Brooklyn, N. Y.
Prouty C. & Co., Eldred, Pa.
Stossel Carl & Co., Front Royal, Va.

12147— Ramers (Pavers')

Stertz John & Son (Stone Paving, etc), 210 Vine, Phila., Pa.

Rammers (Sand)

See Rammers, Foundry

12148— Rams (Hydraulic)

See also Hydraulic Rams

RIFE HYDRAULIC ENGINE MFG. CO., 90 West, New York

12149— Range Finders

Bausch & Lomb Optical Co. (For Battle Ships, Coast Defense, etc), Rochester, N. Y.

Ranges (Acetylene)

See Stoves, Acetylene

12150— Ranges (Electric)

See Also Stoves, Electric

Allmur Mfg. Co., Marion, Ind.
Buzzini Walter J., 505 W 21st, New York
Cadillac Mfg. Co., Cadillac, Mich.
Clark Geo. M. Co., 179 N. Michigan av, Chicago, Ill.
Despatch Mfg. Co., 104 2nd N, Minneapolis, Minn.
Edison Elec. Appliance Co., 5666 Taylor, Chicago, Ill.
Electric Heat Storage Co., 9 Church, New York
Estate Store Co., Hamilton, O.
Fox Electrical Corpn., 119 W 42nd, New York
Globe Stove & Range Co., Kokomo, Ind.
Good Housekeeping Cooker Co, Berkeley, Cal.
Hughes Electric Heating Co. ("Hughes"), 5660 W Taylor, Chicago, Ill.
Michigan Stove Co., Detroit, Mich.
National Elec. Utilities Corp., 103 Park av, New York
Rathbone, Sard & Co. ("Acorn"), Albany, N. Y.
Ringen Stove Co., 827 Choutcan av, St. Louis, Mo.
Rutenber Electric Co. ("Rutenber"), Logansport, Ind.
S. P. Stove Co., Wilmette, Ill.
Standard Electric Stove Co., 1720 N 12th, Toledo, O.
Standard Stamping Co., Hunting, W. Va.
Simplex Electric Heating Co. ("Simplex"), Cambridge, Mass.
Westinghouse Elec. & Mfg. Co., East Pittsburgh, Pa.

Ranges (French Cooking)

See Cooking Apparatus

Ranges (Galley)

See Stoves, Galley

Ranges (Gas)

See Stoves, Heaters & Ranges, Gas

12151— Ranges (Kettle)

Weaver & Co. ("Perfection"), New Oxford, Pa.

Ranges (Portable & Stationary)

See Stove Manufacturers; also Ranges, Steel; also Cooking Apparatus

12152— Ranges (Steel)

See also Stoves; also Cooking Apparatus

Allen Mfg. Co. ("Princess"), Nashville, Tenn.
American Range & Foundry Co., Cleveland, O.
American Stove Co. ("Quick Meal," Coal & Wood, "Quick Comfort" & "National"), St. Louis, Mo.
Anchor Stove & Range Co., New Albany, Ind.
Art Stove Co., Detroit, Mich.
A. & J. Mfg. Co., Gadsden, Ala.
Bardes E. H. Range & Foundry Co., Cincinnati, O.
Bartlett Hayward Co. ("New Windsor," "Edgewood," "Standard," "Regal," "Improved Kitchen" Cast Iron), Scott & McHenry, Baltimore, Md.
Belleville Stove & Range Co., Belleville, Ill.
Berghofer Mitchell Co., Quincy, Ill.
Born Steel Range Co., 3945 W 25th, Cleveland, O.
Bramhall Deane Co., 261 W 36th, New York
Bridgeford & Co. (Wrought Steel), Louisville, Ky.
Burton Range Co., 7th & Sycamore, Cincinnati, O.
Buzzini Walter J., 505 W 21st, New York
Chicago Stove & Range Co., 2023 S Clark, Chicago, Ill.
Comstock-Castle Stove Co., Quincy, Ill.
Co-Operative Foundry Co., Rochester, N. Y.
Copper Clad Malleable Range Co., 520 N Commercial, St. Louis, Mo.
Crane Wm. M. Co. ("Vulcan"), 16 W 32d, New York
Cribben & Sexton Co., 680 N Sacramento blvd, Chicago, Ill.
Culter & Proctor Stove Co., Peoria, Ill.
Decker Adam Hardware Co., 347 Jackson, St. Paul, Minn.
Detroit Stove Works, Detroit, Mich.
Duparquet, Huot & Moneuse Co., 110 W 22d, New York
Eclipse Stove Co. ("Eclipse"), Mansfield, Ohio
Engman-Matthews Range Co., South Bend, Ind.
Ettinger J. M. ("Lily"), 70 W Lake, Chicago, Ill.
Excelsior Stove & Mfg. Co. (Wrought Steel), Quincy, Ill.
Faultless Iron Works ("Faultless," "Fearless" Malleable Iron), St. Charles, Ill.
Fischer Wm. G. Stove & Range Co., 328 Plum, Cincinnati, O.
Folsom C. G. Mfg. Co. ("Folsom"), South Bend, Ind.
Franke H. Steel Range Co., Cleveland, O.
Fuller & Warren Co. (Hotel), Troy, N. Y.
Galusha Stove Co. ("Norman"), Rochester, N. Y.
Germer Stove Co., Erie, Pa.
Glascock Stove & Mfg. Co. ("Carolina"), Greensboro, N. C.
Globe Stove & Range Co., Kokomo, Ind.
Gohman Bros. & Kahler Co., New Albany, Ind.
Graham Jas. Mfg. Co. ("Wedgewood" for Gas, Coal & Wood), 531 Mission, San Francisco, Cal.
Hale & Kilburn Co. ("Cookeasy"), 1800 Lehigh av, Phila., Pa.
Hardwick Stove Co. ("Sunny South"), Cleveland, Tenn.
Haswell Steel Range & Furnace Co., Circleville, O.
Hess, Snyder Co. ("Boomer"), Massillon, O.
Home Stove Co., Indianapolis, Ind.
Hutchinson Bros., 5 S Howard, Baltimore, Md.
Ils John G. & Co., 839 Mission, San Francisco, Cal.
Imperial Steel Range Co., 2900 Detroit av, Cleveland, O.
Independent Stove Co. (Steel & Cast Iron). Owosso. Mich.
Joesting & Schilling Co., 379 Sibley, St. Paul, Minn.
Johnston-Slocum Co. ("Perfection" Fireless), Caro, Mich.
Jones & Hopkins Mfg. Co. ("Monogram"), Nashville, Tenn.
Landy Stove & Range Co., 1402 N 16th, St. Louis, Mo.
Lehigh Stove & Mfg. Co. ("Lehigh Cabinet"), Lehighton, Pa.
Lewisburg Foundry Co., Lewisburg, Tenn.
Mahoney Daniel & Sons ("McBean"), 17 Main, Buffalo, N. Y.
Majestic Mfg. Co., 2014 Morgan, St. Louis, Mo.
Malleable Steel Range Mfg. Co. South Bend, Ind.
Mason, Davis & Co. ("M. & D."), 7740 S Chicago av, Chicago, Ill.
Michigan Stove Co. ("Garland"), Detroit, Mich.
Miller Wm. Range & Furnace Co. (Portable), 7th & B'way, Cincinnati, O.
Mississippi Valley Stove Works, Fulton, Ill.
Monitor Stove & Range Co., C. H. & D. Ry. av, nr Gest, Cincinnati, O.
Morandi-Proctor Co., 86 Washington, Boston, Mass.
Mountain City Stove & Mfg. Co. ("Southern Queen"), Chattanooga, Tenn.
National Stove Co. (Am. Stove Co.) (Gas for Fuel), Lorain, O.
Nye A. T. & Son Co., Marietta, O.
Orbon Stove & Range Co., Belleville, Ill.
Peninsular Stove Co., Detroit, Mich.
Perfect Stove & Mfg. Co., Belleville, Ill.
Phillips & Buttorff Mfg. Co. (Also Cast), Nashville, Tenn.
Portsmouth Stove & Range Co., Portsmouth, O.
Pueblo Brass & Iron Foundry ("Regent"), Pueblo, Colo.
Quick Action Range Co., Marshalltown, Ia.
Republic Mfg. Co., Milwaukee, Wis.
Richmond Stove Co., Richmond, Va.
Ricketts & Bartlett Range Co., 319 W Randolph, Chicago, Ill.
Roberts & Mander Stove Co. ("Quality" Combination Gas & Coal), 11th & Washington), Phila., Pa.
Rock Island Stove Co. ("Riverside"), Rock Island, Ill.
Ross Supply Co. ("Royal"), Greenville, O.
Schill Bros. Co., Crestline, O.
Schneider & Trenkamp Co., ("Reliable"), Cleveland, O.
Sexton S. B. Stove & Mfg. Co., (Also Cast Iron), 500 Block W Conway, Baltimore, Md.
Smith & Anthony Co. ("Hub"), 52 Union, Boston, Mass.
Standard Foundry & Mfg. Co., Cleveland, O.
Summit Foundry Co., Geneva, N. Y.
Taplin-Rice-Clerkin Co. ("Climax"), Akron, O.
Tenn. Stove Works ("Volunteer"), Chattanooga, Tenn.
Tinnerman Stove & Range Co. ("Ohio" Wrought Steel), 2038 Fulton rd, Cleveland, O.

RANGES (STEEL)—continued
Toledo Stove & Range Co. ("Gem"), Toledo, O.
Traub W. F., 912 Montrose av, Chicago, Ill.
Van John Range Co. (For Families, Hotels & Institutions), 5th & B'way, Cincinnati, O.
Vesta Gas Range & Mfg. Co. ("Vesta"), Chattanooga, Tenn.
Wehrle Co., Newark, O.
Wetter H. Mfg. Co., Memphis, Tenn. Works: Memphis, Tenn.
Willard W. G., 316 Chestnut, St. Louis, Mo.
Wisconsin Fdry. & Steel Works ("Truestyle," "Queen's Best," "Queen Bird"), Cedar Grove, Wis.
Wolterstorff Range Co. (Wrought Steel), 66 E 3rd, St. Paul, Minn.
Wrought Iron Range Co., 5661 Natural Bridge av, St. Louis, Mo.

12153—Rapping Plates & Lifting Screws

Cleveland Galvanizing Wks. Co., 3924 Cooper av, Cleveland, O.
Timmis & Clissold, Bound Brook, N. J.

12154-5— Rasps (Horse)

See also File & Rasp Manufacturers

Disston Henry & Sons, Tacony, Phila., Pa.
Heller Bros. Co., 879 Mt. Prospect av, Newark, N. J.
NICHOLSON FILE CO. ("Nicholson," "Superior"), Providence, R. I.
See adv index at end of book
Stokes Bros. Mfg. Co. ("St. Crispen"), Freehold, N. J.
Westfahl File Co. ("Westfahl"), 467 31st, Fence), 621 E Pearl, Cincinnati, O.

12156—*Ratchet Pipe Threading Tools

BORDEN CO. THE, ("Beaver"), Warren, O. *See adv index at end of book*

12157-8—*Ratchet, Stocks & Dies

See also Stocks & Dies

BORDEN CO. THE ("Beaver"), Warren, O. *See adv index at end of book*

Ratchets

See Drills, Ratchet

12159—Ratchets (Deck Sash)

Adams & Westlake Co., 319 W Ontario, Chicago, Ill.
Dayton Mfg. Co., Dayton, O.

12160-1— Ratchets (Fence)

Gem Wire Fence Co. (Malleable Iron), Pontiac, Mich.
Kokomo Fence Machine Co., Kokomo, Ind.
New England Anchor Fence Co., Worcester, Mass.
Novelty Mfg. Co., Jackson, Mich.
Schriver O. P. & Co. ("I. X. L." Wire Fence), 621 E Pearl, Cincinnati, O.
Sterling Foundry Co. ("Best"), Sterling, Ill.
WRIGHT WIRE CO. ("Excelsior") Worcester, Mass.
See adv index at end of book
Wrightsville Hardware Co. ("Brighton"), Wrightsville, Pa.

Ratchets (Packer)

See Drills, Ratchet

12162— Ratchets (Pulling)

Channon Jas. H. Mfg. Co. (Steamboat), 227 W Erie, Chicago, Ill.

12163— *Ratline (Tarred)

COLUMBIAN ROPE CO., 3050 Genesee, Auburn, N. Y. *See adv index at end of book*

12164—Rattan Seat Covering (Canvas Lined)

Hale & Kilburn Co., 1800 Lehigh, Phila., Pa.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

12165—Rattan & Reed Works

American Rattan & Reed Mfg. Co. (Car Seating, Webbing, etc), 268 Norman av, Brooklyn, N. Y.
Hartshorn C. H., Gardner, Mass.
Heywood Bros. & Wakefield Co., Gardner, Mass.
Jenkins-Phipps Co., Wakefield, Mass.
Rattan & Cane Co., 66 W B'way, New York
Specialty Reed Works, Spartanburg, S. C.
United States Rattan Co., Hoboken, N. J.

12166—Rattans, Reed & Chair Cane

American Rattan & Reed Mfg. Co. (Also Rattan Webbing, etc), 268 Norman av, Brooklyn, N. Y.
Beigel Henry (Imp.), 154 Nassau, New York
Gerdau Otto Co., 83 Murray, New York
Husselrath Importing Co. (Imp.), 37 Liberty, New York
Jacob Chas. W. & Allison (Imp.), 18 Cedar, New York
Norden A. & Co. (Imp), 60 Beaver, New York

12167— Rattlers (Brick)

United Iron Works Co., Kansas City, Mo.

12168— Rattlers (Flue)

Mann-McCann Co. ("Westmark"), 305 S La Salle, Chicago, Ill.

12169— Rattlers (Foundry)

United Iron Works Co., Kansas City, Mo.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.

12170— Rattlers (Nail)

Miller's H. J. Sons, Bridgewater, Mass.
Perkins Henry Co., Bridgewater, Mass.

12171— Rattlers (Window)

Fischer Bros. & Corwin, 635 N 3d, Newark, N. J.

12171a— *Rattles (Wooden)

Sstes E. B. & Sons, 364 5th av, New York
See adv index at end of book

12172— Rawbone (Boiled)

Cooper's Peter Glue Factory, 11th av & 28th, New York

12173—Rawbone (Granulated)

See also Bone Black

Armour Fertilizer Works, Union Stock Yards, Chicago, Ill.
Consolidated Rendering Co., 40 N Market, Boston, Mass.
Hollingshurst & Co. ((Imp.), 66 Beaver, New York
Listers Agricultural Chemical Works, 2 Rector, New York
Pittsburgh Provision & Packing Co. (Case Hardening Bone), Herrs Isl., Pittsburgh, Pa.
Rogers & Hubbard Co., Middletown, Conn.
White Thos. H. & Co. (Ground, Brokers), 11 S Gay, Baltimore, Md.

12174— Razor-Guard

Weiss L. T. ("Shavezy"), 286 Taaffe pl, Brooklyn, N. Y.

12175— Razor Mfrs.

Andresen Hardware Co., 724 S 6th, Minneapolis, Minn.
Barr Bros. Co. (Hand Made), Oakland, Cal.
Boker Cutlery & Hardware Co., Inc. ("Tree Brand," Imported), 101 Duane, New York
Buck Bros., Milbury, Mass.
Canton Cutlery Co., Canton, O.
Case W. R. & Son's Cutlery Co., Bradford, Pa.
Cattaraugus Cutlery Co., Little Valley, N. Y.
Challenge Cutlery Corp'n, Bridgeport, Conn.
Christy Co., Fremont, O.
Clark Bros. Cutlery Co., 926 B'way, Kansas City, Mo.
Clauberg F. A. & Co. ("Tonsorial Gem," "Mikado"), 27 Park pl, New York
Clauss Shear Co., Fremont, O.
Compton W. H. Shear Co., 314 Camden, Newark, N. J.
Droescher S. R. ("Comfort" Imp.), 79 Warren, New York
Empire Knife Co., Winsted, Conn.
Geneva Cutlery Co., Geneva, N. Y.
Globe Razor Co., Fremont, O.
Graef & Schmidt ("Twin Brand," Imported), 107 Chambers, New York
Hessenbruch H. Co., 8 N 5th, Phila., Pa.
Hollinger Cutlery Co., Fremont, O.
Jackson Shear & Razor Co., Fremont, O.
Kastor Adolph & Bros. ("Wade & Butchers," Imported), 109 Duane, New York
Klaas Max ("Crane Brand" Imported), 108 Fulton, New York
Klauberg C. & Bros. (Imp. "Masterpiece," "Damascene"), Woolworth bldg, New York
Koch F. A. & Co., 524 B'way, New York
Korn Geo. W. Razor Mfg. Co., Little Valley, N. Y.
Landers, Frary & Clark ("Universal"), New Britain, Conn.
National Cutlery Co., Westmoreland & Boudinot, Phila., Pa.
Novelty Cutlery Co., Canton, O.
Robeson Cutlery Co., Rochester, N. Y.
Schrade Cutlery Co., Walden, N. Y.
Shumate Razor Co. ("Shumate"), 706 Chestnut, St. Louis, Mo.
Silberstein A. L. ("Carbo-Magnetic"), 600 W 157th, New York
Sperry & Alexander Co. ("Centaur," Imported), 79 Chambers, New York
Torrey J. R. Razor Co., Worcester, Mass.
Union Cutlery Co., Olean, N. Y.
Unsinger Razor Blade Co., Fremont, O.
Wallace R. & Sons Mfg. Co., Wallingford, Conn.
Wiss J. & Sons Co., 31 Littleton av, Newark, N. J.
Wostenholm Geo. & Son ("I. X. L." Imp.), 105 Chambers, New York

12176-7—Razor Mfrs. (Safety)

American Safety Razor Co. ("Ever Ready"), 303 Jay, Brooklyn, N. Y.
Auto Strop Safety Razor Co., 345 5th av, New York
Bedford Safety Razor Co., Bedford, Mass.
Burham Safety Razor Co. ("Burham"), 66 Murray, New York
Christy Co., Fremont, O.
Clark Blade & Razor Co. ("King," "Clark"), 119 Sussex av, Newark, N. J.
Clauss Shear Co. ("Clauss"), Fremont, O.
Crescent Mfg. Co., Tremont, O.
Curley J. & Bro., 306 Broadway, New York
Durham Duplex Razor Co., Jersey City, N. J.
Eagle Safety Razor Co., 66 West B'way, N. Y.
Enders Sales Co. ("Enders"), 17 Battery pl, New York
Gem Cutlery Co. ("Gem"), 11th av & 25th, New York
Geneva Cutlery Co., Geneva, N. Y.
Gillette Safety Razor Co. ("Gillette"), 41 W First, Boston, Mass.
Hart H. C. Mfg. Co. ("Finney"), Unionville, Conn.
Herbrand Co., Fremont, Ohio
Kampfe Bros. ("Star"), 3303 Atlantic av, Brooklyn, N. Y.
Kirtland Bros. & Co., 96 Chambers, N. Y.
Korn Geo. W. Razor Mfg. Co. ("Real"), Little Valley, N. Y.
Odell Mfg. Co. ("Odell"), 343 S Dearborn, Chicago, Ill.
Pall Mall Electric Co. ("Dr. Scott"), 128 W 34th, New York
Penn A. C., Inc. ("Penn"), 100 Lafayette, New York
Reichardt F. A. & Co., 83 Barclay, New York
Roberts Numbering Machine Co., 706 Jamaica av, Brooklyn, N. Y.
Roberts Safety Razor Co., 706 Jamaica av, Brooklyn, N. Y.
Safege Co. ("Safege"), Geneva, N. Y.
Silberstein A. L. ("Griffin"), 600 W 157th, New York
Simmons Hardware Co. ("Keen Kutter"), 9th & Spruce, St. Louis, Mo.
Traut & Hine Mfg. Co., New Britain, Conn.
Unsinger Razor Blade Co. ("Curbo"), Fremont, O.
Ward Safety Razor Co. ("Ward"), Blue Island, Ill.
Weck Edward & Son ("Sextoblade"), 146 Fulton, New York

12178— Razzle Dazzles

Herschell-Spillman Co., No. Tonawanda, N. Y.

12179—Re-Agents (Chemical)

General Chemical Co., 25 Broad, New York
Heil Henry Chemical Co., St. Louis, Mo.
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Merck & Co. ("Merck's" Blue Label), 45 Park pl, New York

12180— Reamers (Adjustable)

See also Reamers, Expansion

Butterfield & Co., Derby Line, Vt.
Cleveland Twist Drill Co. ("Paradox"), 1 E 49th, Cleveland, O.
Gisholt Machine Co. (Solid Adjustable), Madison, Wis.
KELLY REAMER CO. ("Kelly" Floating & Rigid), 1553 Columbus rd, Cleveland, O. *See adv index at end of book*
McCrosky Reamer Co. ("McCrosky"), Meadville, Pa.
Mergenthaler Co., 118 Hollingsworth, Baltimore, Md.
Morse Twist Drill & Machine Co. ("One Lock"), New Bedford, Mass.
Ohio Reamer Co., 5333 St. Clair av, Cleveland, O.
Pratt & Whitney Co., Hartford, Conn.
Rogers John M. Works, Gloucester City, N. J.
Schellenbach-Hunt Tool Co. ("Universal" Machine), Murdock bldg, Cincinnati, O.
Sheffield Machine & Tool Co., Dayton, O.
Standard Tool Co., 6900 Central av, Cleveland, O.
Taft-Pierce Mfg. Co. Woonsocket, R. I.
Whitman & Barnes Mfg. Co., Akron, O. *See adv index at end of book*

12181—*Reamers (Adjustable Floating)

KELLY REAMER CO., 1553 Columbus rd, Cleveland, O. *See adv index at end of book*
National Tool Co., Cleveland, O. *See adv index at end of book*

12182—*Reamers (Aluminum)

KELLY REAMER CO., 1553 Columbus rd, Cleveland, O. *See adv index at end of book*

12183—Reamers (Bibb & Bibb Seat)

Ajax Mfg. Co., 848 Jackson, N S, Pittsburgh, Pa.
Yonts C. H. & Co. ("Universal," for Cocks, Bibbs, etc), Meadville, Pa.

12184—Reamers (Bit Brace)

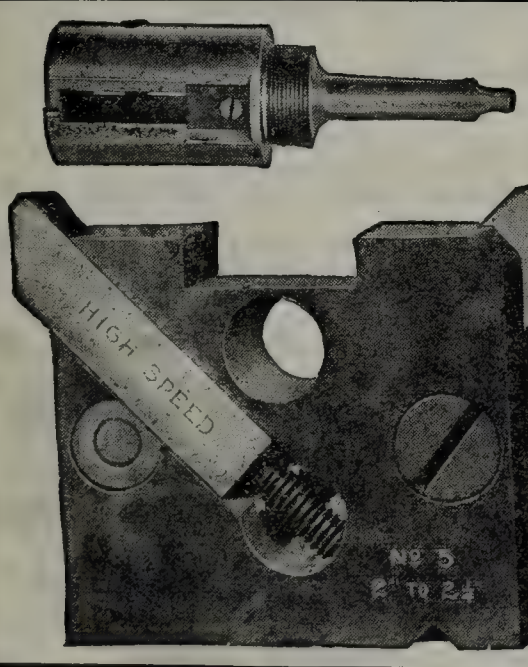
Boll Bros. Mfg. Co., Harrisburg, Pa.
Brubaker W. L. & Bros. (Taper), Millers**burg, Pa.**
Butterfield & Co., Derby Line, Vt.
Detroit Twist Drill Co., 555 Fort, Detroit, Mich. *See adv index at end of book*
GREENFIELD TAP & DIE CORP'N ("G. T. D." Spiral Fluted), Greenfield, Mass. *See adv index at end of book*
Kraeuter & Co., 583 18th av, Newark, N. J.
Mayhew H. H. Co., Shelburne Falls, Mass.
Morse Twist Drill & Machine Co., New Bedford, Mass.
National Twist Drill & Tool Co. ("National" Taper & Fluted), Detroit, Mich.
Polk A. J. & Son, Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Standard Tool Co., 6900 Central av, Cleveland, O.
Yonts C. H. & Co., Meadville, Pa.

12185—Reamers (Bit Stock)

Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Whitman & Barnes Mfg. Co., Akron, O. *See adv index at end of book*

12186-7— Reamers (Bridge)

Alvord Reamer & Tool Co., Millersburg, Pa.
Brubaker W. L. & Bros., Millersburg, Pa.
Buck Bros., Millbury, Mass.
Buckeye Twist Drill Co., Alliance, O.
Butterfield & Co., Derby Line, Vt.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Gem Mfg. Co., Goebel nr Fulton, N S, Pittsburgh, Pa. *See adv index at end of book*
GREENFIELD TAP & DIE CORP'N ("G. T. D." Spiral Fluted Taper, Squared & Taper Shanks), Greenfield, Mass. *See adv index at end of book*
Lincoln-Williams Twist Drill Co., Taunton, Mass.
Mayhew H. H. Co., Shelburne Falls, Mass.
Morse Twist Drill & Machine Co., New Bedford, Mass.
National Twist Drill & Tool Co. ("National"), Detroit, Mich.
Polk A. J. & Son, Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Standard Tool Co., 6900 Central av, Cleveland, O.
Swan Jas. Co., Seymour, Conn.
Tuck Mfg. Co., Brockton, Mass.
Whitman & Barnes Mfg. Co., Akron, O. *See adv index at end of book*



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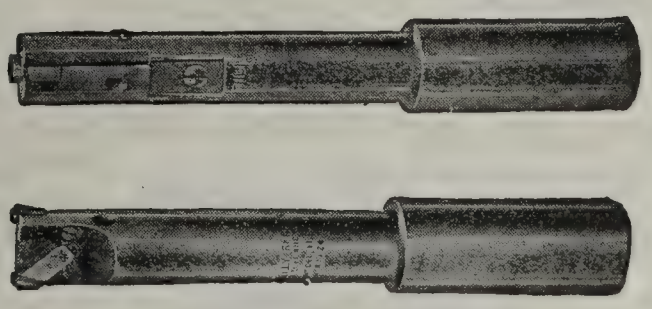

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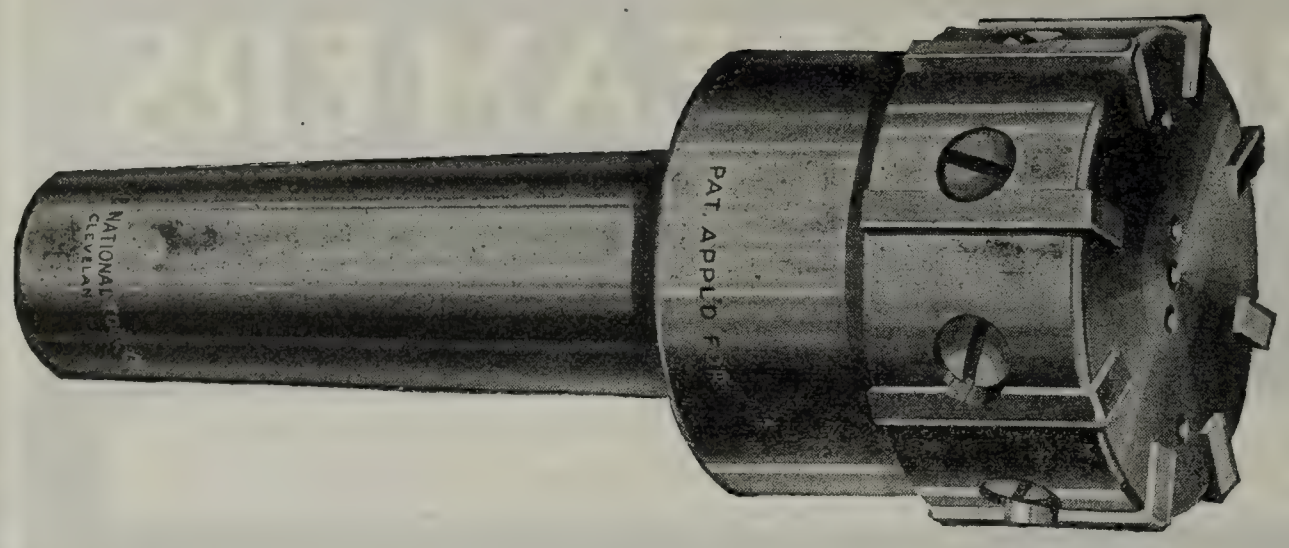

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Butterfield & Co., Derby Line, Vt.
GREENFIELD TAP & DIE CORP'N ("G. T. D." Spiral Fluted), Greenfield, Mass. *See adv index at end of book*
Lord L. L. (Spiral Fluted), Meadville, Pa.
Mayhew H. H. Co., Shelburne Falls, Mass.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Pratt & Whitney Co., Hartford, Conn.
Standard Tool Co., 6900 Central av, Cleveland, O.
Swan Jas. Co., Seymour, Conn.
Tuck Mfg. Co., Brockton, Mass.

12189— Reamers (Center)

Butterfield & Co., Derby Line, Vt.
Card S. W. Mfg. Co., Mansfield, Mass.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Detroit Twist Drill Co., 555 Fort, Detroit, Mich. *See adv index at end of book*
GREENFIELD TAP & DIE CORP'N ("G. T. D."), Greenfield, Mass. *See adv index at end of book*
McCarthy Drill & Tool Corp., Toledo, O.
Morse Twist Drill & Machine Co., New Bedford, Mass.
National Twist Drill & Tool Co., Detroit, Mich.
Pratt & Whitney Co., Hartford, Conn.
Standard Tool Co., 6900 Central av, Cleveland, O.
Whitman & Barnes Mfg. Co., Akron, O. *See adv index at end of book*

12190— Reamers (Chucking)

Alvord Reamer & Tool Co., Millersburg, Pa.
Brubaker W. L. & Bros. (Rose Fluted), Millersburg, Pa.
Buckeye Twist Drill Co., Alliance, O.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Detroit Twist Drill Co. (Fluted & Three Groove; also Rose Chucking), 555 Fort, Detroit, Mich. *See adv index at end of book*
Gisholt Machine Co. (Solid Adjustable), Madison, Wis.
GREENFIELD TAP & DIE CORP'N ("G. T. D." Spiral Fluted), Greenfield, Mass. *See adv index at end of book*
KNAPP ARTHUR ENGINEERING CORP., 30 Church, New York *See adv index at end of book*
Lincoln-Williams Twist Drill Co., Taunton, Mass.
McCarthy Drill & Tool Corp., Toledo, O.
McCrosky Reamer Co., Meadville, Pa.
Morse Twist Drill & Machine Co. (Fluted Rose & Three Groove), New Bedford, Mass.
National Twist Drill & Tool Co. ("National" Rose Fluted), Detroit, Mich.
New Process Twist Drill Co. (Four Groove), Taunton, Mass.
Peninsular Tool Salvage Co. (High Speed Restored to Original Diameter), 45 Fort E, Detroit, Mich.
Polk A. J. & Son (Fluted, etc), Millersburg, Pa.
Pratt & Whitney Co. (Solid & Shell), Hartford, Conn.
Rogers John M. Works, Gloucester City, N. J.
Standard Tool Co., 6900 Central av, Cleveland, O.
Whitman & Barnes Mfg. Co., Akron, O. *See adv index at end of book*

12191-2—Reamers (Conduit Pipe)

Sprague Electric Works, 527 W 34th, New York
Steel City Electric Co. ("Thompson"), 1207 Columbus av, Pittsburgh, Pa.

12193—Reamers (Electrical, Portable)

American Electric Tool Co. ("Carver"), West Newton, Mass.
Cincinnati Electrical Tool Co., Cincinnati, Ohio
Hisey-Wolf Machine Co., Cincinnati, O.

12194—Reamers (Expansion)

Chadwick & Trefethen ("Critchley's"), Portsmouth, N. H.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Cutter Wood Supply Co. ("Critchley Improved"), 68 Pearl, Boston, Mass.
Gisholt Machine Co. (Solid Adjustable), Madison, Wis.
Hjorth Lathe & Tool Co. ("B-ver"), 27 School, Boston, Mass.
KELLY REAMER CO., 1553 Columbus rd, Cleveland, O. *See adv index at end of book*
McCrosky Reamer Co., Meadville, Pa.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Ohio Reamer Co., 5333 St. Clair av, Cleveland, O.
Polk A. J. & Son, Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Schellenbach-Hunt Tool Co., Murdock bldg, Cincinnati, O.
Standard Tool Co., 6900 Central av, Cleveland, O.
Taft-Pierce Mfg. Co., Woonsocket, R. I.
Whitman & Barnes Mfg. Co., Akron, O. *See adv index at end of book*

12194a—*Reamers for Cylinders (Roughing & Finishing)

KELLY REAMER CO., 1553 Columbus rd, Cleveland, O. *See adv index at end of book*

12195-6— Reamers (Hand)

Brubaker W. L. & Bros., Millersburg, Pa.
Buckeye Twist Drill Co., Alliance, O.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Detroit Twist Drill Co., 555 Fort, Detroit, Mich. *See adv index at end of book*
Dyer G. H. Co. (For Ford Cars Only), Cambridge, Mass.
Gisholt Machine Co. (Solid Adjustable), Madison, Wis.
GREENFIELD TAP & DIE CORP'N ("G. T. D." Spiral Fluted), Greenfield, Mass. *See adv index at end of book*
Krueter & Co., 583 18th av, Newark, N. J.
Lincoln-Williams Twist Drill Co., Taunton, Mass.
McCrosky Reamer Co. ("McCrosky"), Meadville, Pa.
Mergenthaler Co., 118 Hollingsworth, Baltimore, Md.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Polk A. J. & Son, Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Standard Tool Co., 6900 Central av, Cleveland, O.
Taft-Pierce Mfg. Co., Woonsocket, R. I.
Whitman & Barnes Mfg. Co., Akron, O. *See adv index at end of book*

12197— Reamers (High Speed Steel)

Cleveland Twist Drill Co. ("Reerless"), 1 E 49th, Cleveland, O.
High Speed Tool Corp., 43 Exchange pl, New York
McCarthy Drill & Tool Corp., Toledo, O.
McCrosky Reamer Co., Meadville, Pa.
Mergenthaler Co., 118 Hollingsworth, Baltimore, Md.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Rich Tool Co., Railway Exch, Chicago, Ill.
Whitman & Barnes Mfg. Co., Akron, O. *See adv index at end of book*

Reamers (High Speed Steel Twisted)

See Reamers, High Speed Steel

12199— Reamers (Hub)

Defiance Machine Works, Defiance, O.

12199a— Reamers (Lemon & Orange)

Mills Thomas & Brother (Electrically Driven), Cor. Thompson & Eighth, Philadelphia, Pa.

12199b—*Reamers (Line Bar)

KELLY REAMER CO., 1553 Columbus rd, Cleveland, O. *See adv index at end of book*

12200—*Reamers (Locomotive)

GREENFIELD TAP & DIE CORP'N ("G. T. D."), Greenfield, Mass.
See adv index at end of book
KELLY REAMER CO., 1553 Columbus rd, Cleveland, O. *See adv index at end of book*

12201—*Reamers (Open Port Cylinder)

KELLY REAMER CO., 1553 Columbus rd, Cleveland, O. *See adv index at end of book*

12202— Reamers or Tap Borers (Lead Pipe)

See also Borers, Tap

Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa.
Lowentraut P. Mfg Co., 36 Brenner, Newark, N. J.
Osborne C. S. & Co., Harrison, N. J.

12203— Reamers (Pin)

Brubaker W. L. & Bros., Millersburg, Pa.
GREENFIELD TAP & DIE CORP'N ("G. T. D." Spiral Fluted), Greenfield, Mass. *See adv index at end of book*
McCarthy Drill & Tool Corp., Toledo, O.
Screw Machine Products Corp. (Taper), 1012 Eddy, Providence, R. I.

Reamers (Pipe)

See Taps & Reamers, Pipe

Reamers (Pneumatic)

See Pneumatic Reaming & Tapping Drills

12204— Reamers (Radial)

Hanna Engineering Works ("Hanna," for Bridge & Structural Shops), 1764 Elston av. Chicago, Ill.

12205—Reamers (Rivet Hole)

Buckeye Twist Drill Co., Alliance, O.
Rich Tool Co., Railway Exch., Chicago, Ill.
Standard Tool Co., 6900 Central av, Cleveland, O.

12206— Reamers (Set)

Buffum Tool Co. ("Swastika," Conduit & Iron Pipe), South Side. Louisiana, Mo.

12207— Reamers (Shell)

Alvord Reamer & Tool Co., Millersburg, Pa.
Brubaker W. L. & Bros., Millersburg, Pa.
Buckeye Twist Drill Co., Alliance, O.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Detroit Twist Drill Co. (Also Rose Shell), 555 Fort, Detroit, Mich.
See adv index at end of book
Gisholt Machine Co. (Solid Adjustable), Madison, Wis.
GREENFIELD TAP & DIE CORP'N ("G. T. D." Straight & Spiral Fluted), Greenfield, Mass.
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KNAPP ARTHUR ENGINEERING CORP., 30 Church, New York
See adv index at end of book
Lincoln-Williams Twist Drill Co., Taunton, Mass.
McCrosky Reamer Co. ("McCrosky" Adjustable), Meadville, Pa.
Mergenthaler Co., 118 Hollingsworth, Baltimore, Md.
Morse Twist Drill & Machine Co. (Adjustable & Rose), New Bedford, Mass.
National Twist Drill & Tool Co. ("National" Fluted), Detroit, Mich.
Polk A. J. & Son, Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Putnam Machine Co., Fitchburg, Mass.
Rogers John M. Works, Gloucester City, N. J.
Standard Tool Co., 6900 Central av, Cleveland, O.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book

12208—*Reamers (Special Design)

KNAPP ARTHUR ENGINEERING CORP., 30 Church, New York
See adv index at end of book
McCrosky Reamer Co., Meadville, Pa.

12209— Reamers (Square)

Bagshaw & Field, 445 N 5th, Phila., Pa.
Buck Bros., Millbury, Mass.
Jennings C. E. & Co., 71 Murray, New York
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
McCarthy Drill & Tool Corp., Toledo, O.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Snell Mfg. Co., Fiskdale, Mass.
Tuck Mfg. Co. (Also Half Round), Brockton, Mass.
Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.

12210— Reamers (Taper)

Ajax Mfg. Co. (Stove), 848 Jackson N S, Pittsburgh, Pa.
Alvord Reamer & Tool Co., Millersburg, Pa.
Brown & Sharpe Mfg. Co. ("Standard"), Providence, R. I.
Brubaker W. L. & Bros., Millersburg, Pa.
Buck Bros., Millbury, Mass.
Buckeye Twist Drill Co., Alliance, O.
Butterfield & Co., Derby Line,, Vt.
Chicago Screw Co. (Taper Pin), 13 N Jefferson, Chicago, Ill.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Corbin Screw Corporation (Pin), New Britain, Conn.
Detroit Twist Drill Co. (Also Taper Pin), 555 Fort, Detroit, Mich.
See adv index at end of book
GREENFIELD DIE & TAP CORP'N ("G. T. D."), Greenfield, Mass.
See adv index at end of book
Holland Mfg. Co., 352 E 18th, Erie, Pa.
McCarthy Drill & Tool Corp., Toledo, O.
Morse Twist Drill & Machine Co., New Bedford, Mass.
National Twist Drill & Tool Co. ("National" Taper Pin, etc), Detroit, Mich.
Polk A. J. & Son, Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Quaker City Iron Works, Tioga & Edgemont, Phila., Pa.
Rich Tool Co., Ry Exch bldg, Chicago, Ill.
Rogers John M. Works (Solid & Adjustable), Gloucester City, N. J.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.
See adv index at end of book
Standard Tool Co., 6900 Central av, Cleveland, O.
Stowe Flexible Shaft Co. (Long Taper), N 26th & Callowhill, Phila., Pa.
Syracuse Twist Drill Co. ("Syracuse" Square), Borden av, Syracuse, N. Y.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book
Yonts C. H. & Co. (For Bit Brace, Paper Reamer & Ratchet Combination; also Spiral Fluted), Meadville, Pa.

12211—*Reamers (Turret Lathe)

KELLY REAMER CO., 1553 Columbus rd, Cleveland, O.
See adv index at end of book
McCarthy Drill & Tool Corp., Toledo, O.

12212— Reamers (Under)

Wilson & Willard Mfg. Co. (For Oil Well Drilling), Los Angeles, Cal.

12213—Reamers (Valve Reseating)

KELLY REAMER CO., 1553 Columbus rd, Cleveland, O. *See adv index at end of book*

12214— Reapers

See also Agricultural Implements; Harvesters; Mowers

International Harvester Co. of America (Inc.) (Champion-Deering, McCormick-Osborne-Milwaukee-Plano), Harvester bldg, Chicago, Ill.
Massey Harris Harvester Co. ("Johnston Continental"), Batavia, N. Y.
Messinger Mfg. Co. ("Empire"), Tatamy, Pa.
Moline Plow Co. ("Adriance"), Moline, Ill.
Seiberling & Miller Co. ("Empire"), Doylestown, O.
Wood Walter A. Mowing & Reaping Machine Co. ("Walter A. Wood"), Hoosick Falls, N. Y.

12215— Receivers (Air)

Buckeye Boiler Co., Dayton, O.
Bury Compressor Co., Erie, Pa.
Case W. A. & Sons, Mfg. Co., Buffalo, N. Y.
Casey-Hedges Co., Chattanoogo, Tenn.
CHICAGO BRIDGE & IRON WORKS, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book
CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill.
See adv index at end of book
Columbiana Boiler Co., Columbiana, O.
Continental Iron Works, West & Calyer, Brooklyn, N. Y.
Devine J. P. Co., Buffalo, N. Y.
Gardner Governor Co., 14 Williamson, Quincy, Ill.
Hamburg Boiler Works, Hamburg, Pa.
York
INGERSOLL-RAND CO., 11 B'way, New York. *See adv index at end of book*
Kellogg M. W. Co. (Welded), 90 West, New York *See adv index at end of book*
Kewanee Boiler Co., Kewanee, Ill.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Kraft A. C., 323 W Lake, Chicago, Ill.
Leader Iron Works, 201 Jasper, Decatur, Ill.
McAleenan Bros. Co., 25th & A. V. R. R., Pittsburgh, Pa.
Munroe R. & Sons Mfg. Corp'n (Also Gas), 23rd & Smallman, Pittsburgh, Pa.
Murphy & Walsh, Pekin, Ill.
Ocean Shore Iron Wks., 550 8th, San Francisco, Cal.
Oliver Continuous Filter Co., 503 Market, San Francisco, Cal., & 299 Madison av, New York
Petroleum Iron Works Co., Sharon, Pa.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill.
See adv index at end of book
SCAIFE WM. B. & SONS CO., First National Bank bldg., Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
United Iron Works Co., Kansas City, Mo.
Vulcan Iron Works, Wilkes-Barre, Pa.
WALSH & WEIDNER BOILER CO., Chattanooga, Tenn.
See adv index at end of book
WHEELER CONDENSER & ENGINEERING CO. ("Wheeler Improved"), Carteret, N. J. *See adv index at end of book*
Wilks S. Mfg. Co., 3517 Shields av, Chicago, Ill.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

12216—Receivers (Ammonia)

American Welding Co. (Seamless Lap Welded), Carbondale, Pa.
Columbus Iron Works, Columbus, Ga.

12217— Receivers (Garbage)

Birch Mfg. Co. (Wall), 1276 Clybourn av, Chicago, Ill.
Colonial Fireplace Co. ("Bestovall"), 4631 W 12th, Chicago, Ill.
Majestic Co. (Built-In Kitchen, Apartment & Underground), Huntington, Ind.
Sexton Can Co. ("Sexton Sanitary" Underground), 228 Franklin, Boston, Mass.
Stephenson C. H. ("Stephenson," "Standard," & "Unit," also Street Sweeping, Ash, Refuse, etc), Lynn, Mass.

12217a—Receivers (Milk & Package)

Donby Bros. Co., The (& Bottle), 3626 E 74th, Cleveland, O.
See adv index at end of book
Majestic Co., Huntington, Ind.

12218— Receivers (Pipe)

American District Steam Co. ("Adsco"), North Tonawanda, N. Y.

12218a—Receivers (Rotary Underground Ash)

Gunster Bros. (Underground & Elevator for Heaters & Boilers), Scranton, Pa.
Sharp Rotary Ash Receiver Co., Binghamton, N. Y.

12219-20—Receivers (Wireless Telegraph)

Brandes C., 32 Union sq, New York
Cutting & Washington, Inc. ("C. & W."), 26 Portland, Cambridge, Mass.
See adv index at end of book
National Electric Signaling Co., Farmers' Bank bldg, Pittsburgh, Pa.
Wireless Specialty Apparatus Co. ("Perckon"), C. & Fargo, Boston, Mass.

12221— Receptacles (Cleat)

Connecticut Elec. Mfg. Co., Bridgeport, Conn.

12222—Receptacles (Conduit Box)

Connecticut Elec. Mfg. Co., Bridgeport, Conn.

12222a—*Receptacles (Edi-Swan)

MORSE FRANK W. ("Morse," Flush & Surface), 289 Congress, Boston, Mass.
See adv index at end of book

12223— Receptacles (Flush)

Arrow Electric Co. ("Arrow E," "Standard") (For Attachment Plugs), Hartford, Conn.
Connecticut Elec. Mfg. Co., Bridgeport, Conn.
HART MFG. CO. ("Diamond H"), 230 Hamilton, Hartford, Conn.
See adv index at end of book
MANHATTAN ELECTRICAL SUPPLY CO. (also Plug & Miniature Socket), 17 Park pl, New York
See adv index at end of book

12224—Receptacles for Chemical Works

Baeuerle & Morris, 932 N Front, Phila., Pa.

12225—*Receptacles (Hard Fibre)

Baeuerle & Morris, 932 N Front, Phila., Pa.

12226—Receptacles (Ordinary & Sign)

See also Plugs, Attachment; also Sockets
Appleton Electric Co., 224 N Jefferson, Chicago, Ill
Arrow Electric Co. ("Arrow E," "Mogul," "Standard" Candelabra & Miniature), Hartford, Conn.
Benjamin Electric Mfg. Co. (Outlet Box & Sign), 128 S Sangamon, Chicago, Ill. *See adv index at end of book*
Best Electric Co., Vanadium bldg, Pittsburgh, Pa.
Bryant Electric Co., Bridgeport, Conn.
Chelton Electric Co., Heiskel & Armat, Phila., Pa.
Connecticut Electric Mfg. Co., Bridgeport, Conn.
Crouse-Hinds Co. ("Norbitt" & "Conduletto"), Syracuse, N. Y.
Federal Sign System, 640 W Lake, Chicago, Ill.
Freeman E. H. Electric Co. ("Russell," Sign, Porcelain for Metal Faced Signs), Trenton, N. J.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hart & Hegeman Mfg. Co., 342 Capital av, Hartford, Conn.
Hubbell Harvey (Floor), Bridgeport, Conn.
Johns-Pratt Co. (Moulded Mica, Waterproof Sockets & Receptacles), Hartford, Conn.
National Metal Moulding Co. (For Metal Moulding), 1110 Fulton bldg, Pittsburgh, Pa.
Paiste H. T. Co. ("Fielding"), 3201 Arch, Phila., Pa.
Pass & Seymour ("P. & S." Waterproof, etc), Solvay, N. Y.
Paulding John I., New Bedford, Mass.
Perkins Electric Switch Mfg. Co., Bridgeport, Conn.
Peru Electric Co., Peru, Ind.
Phila. Elecl. Mfg. Co., 1236 N 31st, Phila., Pa.
Russell & Stoll Co., 17 Vandewater, New York
Sears Henry D. ("Weber"), 80 Boylston, Boston, Mass.
Stanley & Patterson ("Newcode"), **23** Murray, New York
Tregoning Electric Mfg. Co., Cleveland, O.
Trumbull Electric Mfg. Co., Plainville, Conn.
Union Electric Co., Trenton, N. J.
V. V. Fittings Co., 1906 N 6th, Phila., Pa.
Weber Electric Co. (Henery D. Sears, General Sales Agent), 80 Boylston, Boston,

12226a—*Reclaiming Apparatus

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

12227—Record Holders (Wire Phonograph)

Syracuse Wire Works, 101 University av (Wire & Steel), Syracuse, N. Y.

12228— Recorders (Cash)

Hough Cash Recorder Co. ("Security"), Indian Orchard, Mass.

12229— Recorders (Coasting)

Railway Improvement Co. (For Electric Railways), 61 B'way, New York

12230—Recorders (Combustion)

FOXBORO COMPANY, THE, succeeding Industrial Instrument Co. ("Foxboro-Heath"), Foxboro, Mass.
See adv index at end of book
Precision Instrument Co. ("Simmance-Abady"), Detroit, Mich.
SARCO CO., INC. ("Sarco"), 229 B'way, New York. *See adv index at end of book*
Uehling Instrument Co., 71 Broadway, New York

12231—Recorders (Continuous Feed & Resetting)

Ashcroft Mfg. Co. (For Steam, Electric Cable, Engine & Water Motors), 119 W 40th, New York

12232—Recorders (Elevator Travel)

Elevator Supplies Co., Hoboken, N. J.

12233—*Recorders (Flue Gas Temperature)

Bailey Meter Co. ("Bailey"), 141 Milk, Boston, Mass.
See adv index at end of book

12233a—Recorders (Machine)

Tagliabue C. J. Mfg. Co., 18 33d, Brooklyn, N. Y.

12234—Recorders (Pressure & Speed)

Du Vivier Ernest H., Imp., 30 Church, New York
Esterline Co. (Inc.) ("Esterline," Speed), Indianapolis, Ind.
FOXBORO COMPANY, THE, succeeding Industrial Instrument Co. ("Foxboro," also Temperature), Foxboro, Mass. *See adv index at end of book*
SCHAEFFER & BUDENBERG MFG CO. (Also Temperature), Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book
Tagliabue C. J. Mfg. Co., 18 33d, Brooklyn, N. Y.
Wehling Instrument Co., 71 B'way, New York

12235—Recorders (Railway Speed)

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill.
See adv index at end of book

12236— Recorders (Smoke)

Hamler-Eddy Smoke Recorder Co. ("Eddy"), 3906 S Halsted, Chicago, Ill.

12237—Recorders (Sunshine)

Green Henry J., 1191 Bedford av, Brooklyn, N. Y.

12238— Recorders (Time)

See also Clocks, Time Recording System
Arthur Power Saving Recorder Co. (Time Saving), New Haven, Conn.
AUTOMATIC TIME STAMP CO. ("Automatic" Time Register, "Duragraph" Elapsed Time Recorder, 159 Congress, Boston, Mass.
Baird Equipment Co., 319 W Ohio, Chicago, Ill.
Bishop Calculating Recorder Co. ("Bishop" Calculating), 233 B'way, New York
Bonham Recorder Co., Hamilton, O.
BRISTOL CO. ("Bristol's" Electric & Mechanical), Waterbury, Conn.
See adv index at end of book
Brown Trafilog Co. ("Trafilog" for Trucks, Wagons, etc), 6911 **Carnegie** av S E, Cleveland, O.
Bundy, W. H., Recording Co., 135 5th av, New York
Calculagraph Co. (Elapsed Time Recorder), 30 Church, New York
Cincinnati Time Recorder Co., 1733 Central av, Cincinnati, O.
Cosmeter Co. ("Cosmeter"), Industrial Interlocking Identification, 295 Franklin, Boston, Mass.
Follett Time Recording Co., 9 West B'way, New York
FOXBORO COMPANY, THE, Succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.
See adv index at end of book
Gisholt Machine Co. ("Periodograph"), Madison, Wis.
Holtzer-Cabot Electric Co. ("Watchmen's"), 125 Amory, Boston, Mass.
HOWARD E. CLOCK CO., Bromfield & Washington, Boston, Mass.
See adv index at end of book
Imhauser, E., Co. ("Watchman's"), 165 Fulton, New York
International Time Recording Co. of N. Y. ("Rochester," "Bundy," "Chicago" & "International Card"), Endicott, N. Y.
Kastens Henry, 418 W 27th, New York
Magneta Co., 37 E 28th, New York
Monitor Time Clock Co., Syracuse, N. Y.
Nanz Clock Co., 178 Fulton, N. Y.
Service Recorder Co. (Travel Recorders), 2344 E 105th, Cleveland, O.
SIMPLEX TIME RECORDER CO., Gardner, Mass., 135 5th av, New York, 30 N Dearborn, Chicago, Ill., and 8 Winter, Boston, Mass.
Slocum Avram & Slocum Laboratories, Inc. (Machine Efficiency), 537 W 21st New York
Sohm Electric Co. ('Sohm System" for Recording Receipt & Delivery of Goods, etc, 141 W Austin av, Chicago, Ill.
Stromberg Electric Co., 606 S Michigan av, Chicago, Ill.
Yaxley Mfg. Co. ("Monarch"), 1101 W Monroe, Chicago, Ill.

12239-40—*Recorders (Time, Cost Keeping)

Costmeter Co. ("Costmeter"), 295 Franklin, Boston, Mass.
Simplex Time Recorder Co., Gardner, Mass.
Stromberg Electric Co., 606 S Michigan av, Chicago, Ill.

12240—*Recorders (Time, Rebuilt & Second Hand)

12241—Recorders (Traffic Time)

Brown Trafilog Co., 6911 Carnegie av, S E. Cleveland, O.

12242—Recorders (Water Flow)

Bailey Meter Co. ("Bailey"), 141 Milk, Boston, Mass.
See adv index at end of book
Yarnall-Waring Co. ("Lea" V Notch Meters for Measuring Boiler Feed, Acids, Chemical Solutions, etc), Harrison bldg, Phila., Pa.

12243—Recorders (Water Level)

Du Vivier Ernest H. (Imp), 30 Church, New York
FOXBORO COMPANY, THE, Succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.
See adv index at end of book
Gurley W. & L. E. (Automatic Self-Recording Water Stage Registers, making Printed & Graphic Records, also "Gurley" Hook Gage for Determining the Depth of Water Flowing Over Weirs, etc), Troy, N. Y.
Leupold & Voelpel ("Stevens" Continuous), Portland, Ore.
Lombard Governor Co., Ashland, Mass.
Tagliabue C. J. Mfg. Co., 18 33d, Brooklyn, N. Y.

12244— Recorders (Weir)

BAILEY METER CO. ("Bailey"), 141 Milk, Boston, Mass.
See adv index at end of book
Simplex Valve & Meter Co., 110 N Broad, Phila, Pa.

12245—*Recording Devices For the Trade

PLUMB D. S., 73-77 Norfolk near Central av, Newark, N. J.
See adv index at end of book

12245a— Records (Disc)

Columbia Graphophone Co., 233 Broadway, New York
Edison Thomas A., Orange, N. J.
Indestructible Phonograph Record Co., Albany, N. Y.
Pathe Freres Phono Co., 29 W 38th, New York
Victor Talking Machine Co., Camden, N. J.

12246—Rectifiers (Alternating Current)

Carter Electric Co., Atlanta, Ga.
Edison Thomas A. (For Charging Storage Batteries), Orange, N. J.

12247—Rectifiers (Automobile Electric Lighting)

GENERAL ELECTRIC CO. ("G. E." "Tungar"), Schenectady, N. Y.
See adv index at end of book
Wagner Electric Mfg. Co., 6400 Plymouth av, St. Louis, Mo.

12248— Rectifiers (For Changing Alternating to Direct Current)

American Battery Co. ("American" Electrolytic), 1132 Fulton, Chicago, Ill.
Clark Electric Meter Co. ("Johns"), 215 S Clinton, Chicago, Ill.
Elec. Accumulator Co., 811 Penna, Pittsburgh, Pa.
Electric Economy Co., 1529 Columbus av, Roxbury, Boston, Mass.
France Mfg. Co., 1434 W 75th, Cleveland, Ohio
Imperial Elec. Co., Union City, Ind.
Krott L. E. Apparatus Co., 79 Amherst, Cambridge, Mass.
Lincoln Electric Co., Cleveland, O.
Meyer Wm. Co., 817 Washington, Chicago, Ill.
Murphy Electricity Rectifier Co., Rochester, N. Y.
R. & R. Rectifier Co., Midway, Fla.
Ruprecht Electrical Co., Cleveland, O.
Sirch Laboratories & Elec'l Mfg. Co., Los Angeles, Cal.
Stahl Rectifier Co., 1401 W Jackson, Chicago, Ill.
Standard Metal Mfg. Co., 237 Chestnut, Newark, N. J.
United Elec. Apparatus Co., 1529 Columbus av, Boston, Mass.
Victor Electric Co., Jackson blvd & Robey, Chicago, Ill.
Wagner Electric Mfg. Co., 6400 Plymouth av, St. Louis, Mo.
WESTINGHOUSE ELECTRIC & MFG. CO. ("Cooper-Hewitt"), East Pittsburgh, Pa. *See adv index at end of book*

12249—Rectifiers (Mercury Arc)

GENERAL ELECTRIC CO. (For Changing Alternating Current to Direct Current), Schenectady, N. Y.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

12250 — Rectigraphs

Rectigraph Co., Rochester, N. Y.

12251— Reds (Indian)

Chrystal Chas. B, 13 Cliff, New York
See adv index at end of book
Fuller Ralph L. & Co., Inc, 2 Rector, New York. *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Cleveland; New York & Philadelphia
Smith J. Lee & Co. (Imp), 19 Jacob, New York
Westmoreland Chemical & Color Co., 925 Chestnut, Phila., Pa.

12251a— Reds (Turkey)

Smith J. Lee & Co. (Imp), 19 Jacob, New York

12251b— Reds (Tuscan)

Harshaw, Fuller & Goodwin Co., Cleveland; New York & Philadelphia
Smith J. Lee & Co. (Imp), 19 Jacob, New York

12252— Reds (Venetian)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Cambria Paint & Color Co. (Ltd.), Johnstown, Pa.
Chrystal Chas B, 13 Cliff, New York
See adv index at end of book
Harshaw, Fuller & Goodwin Co., Cleveland; New York & Philadelphia
Macneal James B. & Co. (American & English), Warner & Wooster, Baltimore, Md.
Mepham Geo. S. & Co., 20th & Lynch, East St. Louis, Ill.
Osborn C. J. Co. (Imp.), 132 Nassau, New York
Smith J. Lee & Co. (Imp.), 19 Jacob, New York
Westmoreland Chemical & Color Co., 925 Chestnut, Phila., Pa.
WILLIAMS C. .K. & CO. ("Anchor Brand"), Easton, Pa.

12252a— *Reducers (Aniline)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

12253—Reducers (Closet Spud)

Trenton Brass & Machine Co., Trenton, N. J.

12254— Reducers (Hose)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
American Safety Lamp & Mine Supply Co., Scranton, Pa.
Boston Woven Hose & Rubber Co., Cambridge, Mass.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Simmons John Co., 110 Centre, New York

12255—Reducers (Stove Pipe)

Osborn J. M. & L. A. Co., Cleveland, O.

12256—Reeds (Car Seat, Chair, Etc.)

Heywood Bros. & Wakefield Co., Gardner, Mass.
National Patent Reed Co., Unionville, Conn.

12257— Reels (Belt)

Turner Tanning Machinery Co. ("Turner" for Belt Mfrs.), Peabody, Mass.

12258—Reels (Blasting Cable)

Grasselli Powder Co., Guardian bldg, Cleveland, O.

12259— Reels (Bolting)

Noye Bros. Co., Buffalo, N. Y.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Wolf Co., Chambersburg, Pa.

12259a— Reels (Braid)

Estes, E. B. & Sons, 364 5th av, New York *See adv index at end of book*

12260— Reels (Centrifugal)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
ALLIS-CHALMERS MFG. CO. (Bolting), Milwaukee, Wis.
See adv index at end of book
Bauer Bros. Co., Bauer bldg, Springfield, O.
Wolf Co., Chambersburg, Pa.

12260a— Reels (Chalk & Masons' Line)

Beall Bros., Alton, Ill.
Stanley Rule & Level Co., New Britain, Conn.
Union Hardware Co., Torrington, Conn.

12261— Reels (Clothes Line)

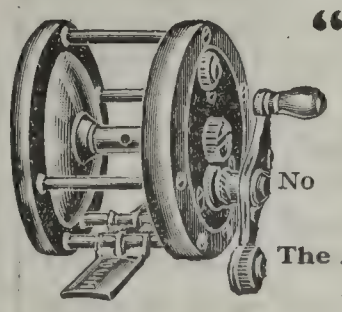
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Estes E. B. & Sons (Wood), 364 5th av, New York. *See adv index at end of book*
Feeney Mfg. Co. ("Star" & "Handy"), Muncie, Ind.
Forsyth Metal Goods Co., E. Aurora, N. Y.
Gehl Bros. Mfg. Co., West Bend, Wis.
Gem Mfg. Co. (Also Tighteners), North Girard, Pa.
Glendale Mfg. Co. (Indoor), 1 Madison av, New York
Hugro Mfg. Co. ("Blue Bird," "Peerless" Outdoor), 327 S La Salle, Chicago, Ill.
Loetscher-Ryan Mfg. Co. (Revolving Iron Centers), Dubuque, Ia.
Palmer W. M. Mfg. Co. ("Reel-Z-Up," for Kitchen & Laundry), 42 B'way, New York
Patent Novelty Co. (Kitchen), Fulton, Ill.
Republic Mfg. Co. (Revolving Iron), Milwaukee, Wis.
Sommer John Faucet Co., 355 Central av, Newark, N. J.
Specialty Mfg. Co. ("Tightlock"), St. Anthony Park, Minn.
Swett A. L. Iron Works, Medina, N. Y.

Reels (Fire Hose)

See Reels & Racks, Fire Hose

12262— Reels (Fishing)

Benjamin-Sellar Mfg. Co. ("Benjamin Thumezy") 559 W Quincy, Chicago, Ill.
Enterprise Mfg. Co. ("Pflueger"), Akron, Ohio
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Hendryx Andrew B. Co., New Haven, Conn. *See adv index at end of book*



"HENDRYX"
FISHING REELS
are found in all parts of the world.
No better recommendation needed.
The Andrew B. Hendryx Co.
New Haven, Conn.

Horrocks-Ibbotson Co. ("Y. & E." Automatic) Utica, N. Y.
Meek B. F. & Sons ("Meek," "Blue Grass"), Louisville, Ky.

REELS (FISHING)—continued

Meisselbach A. F. & Bros. ("Meisselbach" Automatic, "Takapart," "Tripart," "Free Spool," "Neptune," Metal, "Good Luck," Wood, "Amateur," "Expert," "Allright," "Featherlight," "Zephyer," etc), 29 Congress, Newark, N. J.
Milam B. C. & Son, Frankfort, Ky.
Montague City Rod Co., Montague City, Mass.
Orvis Chas. F. Co., Manchester, Vt.
Redifor Rod & Reel Co. ("Redifor"), Warren, O.
Reisner W. H. Mfg. Co., Hagerstown, Md.
Sommer John Faucet Co., 355 Central av, Newark, N. J.
South Bend Bait Co. (Anti-Back Lash), South Bend, Ind.
Stockford Reel Co., 330 W. Kinzie, Chicago, Ill.
Vom Hofe Edward & Co., 112 Fulton, New York
Vom Hofe Julius, 351 S 5th, Brooklyn, N. Y.

12263—Reels (Garden Hose)

Berger Specialty Mfg. Co. ("Berger" All Steel), Richmond, Va.
Cardington Cabinet Co. ("Ideal" Steel, "Buckeye" & "Cardington" Metal, "Ohio," "Sterling," "Crescent," "Perfection," "Excelsior," "Acme" Wood), Cardington, O.
Celina Specialty Co. (Wooden), Celina, O.
Independent Register & Mfg. Co. (Metal), Cleveland, O.
McKinnon Dash Co. (All Steel), Buffalo, N. Y.
Majestic Co., Huntington, Ind.
Specialty Mfg. Co. (Detachable), St. Anthony Park, Minn.
Spray Eng'ng Co. ("Simplex"), 93 Federal, Boston, Mass.
Steele-Alderfer Co., Cuyahoga Falls, O.
Steinfeld Bros. (Wood), 116 W 32d, New York
Toledo Metal Wheel Co. (Metal), Toledo, Ohio
Union Mfg. & Lumber Co. (Wooden), Northville, Mich.
Whitehurst R. W. Mfg. Corp. (Wooden), Norfolk, Va.
Wirt & Knox Mfg. Co. ("Wirt's"), 23d & York, Phila., Pa.

12264— *Reels (Hexagon)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Wolf Co., Chambersburg, Pa.

12265—Reels (Leading Wire)

HERCULES POWDER CO., Wilmington, Del. *See adv index at end of book*

12266— Reels (Leather)

Stehling Chas. H. Co., 401 4th, Milwaukee, Wis.

12267— Reels (Paper)

Clark H. C. & Son Machine Co., Lee, Mass.
Mossberg Frank Co. ("Mossberg," All Steel for Paper Mfrs), Attleboro, Mass.

12268—Reels (Payout & Take-Up)

Columbus Handle & Tool Co., Columbus, Ind.
Dicke Tool Co. ("Wasson"), Downers Grove, Ill.
Klein Mathias & Sons ("Eichhoff"), 562 W Van Buren, Chicago, Ill.
Meckel Fred L., 11 E 13th, Chicago, Ill.
Nagel W. G. Electric Co. ("Ready"), Toledo, O.
Ransome-Leach Mfg. Co. (Folding), 175 B'way, New York
U. S. Bobbin & Shuttle Co., 57 Eddy, Providence, R. I.
Waldman John J., 136 Liberty, New York
Wasson Reel Co., Clinton, Ill.
Woonsocket Shuttle Co., Woonsocket, R. I.

12269—Reels (Pressed Steel)

American Pulley Co., 114 S. Clinton, Chicago, Ill.
Mossberg Frank Co. (For Wire & Chain Manufacturers), Attleboro, Mass.

12269a— Reels (Rope)

Estes E. B. & Sons (Wood), 364 5th av, New York
See adv index at end of book

12270— Reels (Sand)

Chrisman Foundry Co. (Iron & Wood), Morgantown, W. Va.
Masseth Packer & Machine Works ("Jackson"), Butler, Pa.

12271— Reels (Scalping)

Barnard & Leas Mfg. Co., Moline, Ill.

12272— Reels (Sheet Steel)

Stirrup Mfg. Co. (For Moving Picture Machines), 257 Greenwich, New York

12273—Reels (Sifter Bolting)

Abbe Engineering Co., 220 B'way, New York. *See adv index at end of book*
Barnard & Leas Mfg. Co., Moline, Ill.
Brown A. & F. Co., 79 Barclay, New York
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Wolf Co., Chambersburg, Pa.

12273a—Reels (Surveyors' Tape)

American Safety Lamp & Mine Supply Co., Scranton, Pa.

12274—Reels (Tennis Post)

Spaulding A. G. & Bros., 126 Nassau, New York

12275— Reels (Wire)

Avoca Mfg. Co., Avoca, N. Y.
Dicke Tool Co., Downers Grove
Kenfield-Lamoreaux Co. (For Barb Wire), 10 S La Salle, Chicago, Ill.
Klein Mathias & Sons ("Eichhoff," Line Builders), 562 W Van Buren, Chicago, Ill.
Koegel Chas. & Sons, Holyoke, Mass.
Ladel Mfg. Co., New Phila., O.
La Fayette Engrg Co. (Cable & Const. Trucks), La Fayette, Ind.
Leahy John J., 48 Dey, New York
Meckel Fred L., 11 E 13th, Chicago, Ill
Minneapolis Elec & Construction Co., 112 S 7th, Minneapolis, Minn.
Mossberg F. Co., Attleboro, Mass.
Nashua Spool & Bobbin Co., Grove Hall Station, Boston, Mass.
Nilson A. H. Machine Co., (Tilting & Stationery), Bridgeport, Conn.
Oshkosh Mfg. Co., 558 S. High, Oshkosh, Wis.
SHUSTER F. B. CO. (Adjustable), Cedar Hills, New Haven, Conn. *See adv index at end of book*
Standard Mechanical Equipt Co., Dallas, Tex
Turner, Vaughn & Taylor Co., Cuyahoga Falls, O. *See adv index at end of book*
Waldman John J, 136 Liberty, New York
Wasson Reel Co. ("Wasson"), Clinton, Ill.

12276— Reels (Wire Mill)

Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn. *See adv index at end of book*
Morgan Construction Co., Worcester, Mass.
Mossberg Frank Co. ("Mossberg" Stamped Steel), Attleboro, Mass.
Nilson A. H. Machine Co., Bridgeport, Conn.
Turner, Vaughn & Taylor Co., Cuyahoga Falls, O. *See adv index at end of book*

12277— *Reels (Wood)

Estes E. B. & Sons (Braid, Clothes Line, Rope, etc), 364 5th av, New York *See adv index at end of book*

12278—Reels & Racks (Fire Hose)

Allen W. D. Mfg. Co. ("Bowes," "Dewey," "Hartford" Racks, & "Ryerson" Reels), 566 W Lake, Chicago, Ill.
American Fire Apparatus Co., 30 E 42d, New York
Celina Specialty Co., Celina, O.
Clay John H. (Swinging), 1320 Ridge av, Phila., Pa.
Cliff & Guibert Co. ("A. B. C.," "Guibert"), 460 W B'way, New York
Elkhart Brass Mfg. Co. ("Elk," Hose Racks, "Elkhart" Swinging Hose Reels), Elkhart, Ind.
Harker Mfg. Co. ("Queen"), 410 Pearl, Cincinnati, O.
Hayward S. F. & Co. (Fire Hose), 250 W 54th, New York
Howard H. J. M. Mfg. Co. ("Howard's" Swinging), 150 Pierce N W, Washington, D. C.
Howe Engine Co., Indianapolis, Ind.
Jiffy Fire Hose Rack Co. ("Jiffy" Fire Hose Racks), 727 7th av, New York
Manhattan Rubber Mfg. Co. (Swinging), Passaic, N. J.
Nuhring Chas. & Bro. ("Safety" Swinging & Automatic Racks), 1212 Walnut, Cincinnati, O.
Prospect Mfg. Co., Prospect, O.
Revere Rubber Co. ("Schenck"), Chelsea, Mass.
Rex-Harris Fire Appliance Co., 39 E 19th, New York
Safety Fire Extinguisher Co., 291 7th av, New York
Simmons John Co. ("Yale" Reel), 110 Centre, New York
Whitehurst R. W. Mfg. Corp., Norfolk, Va.
Wirt & Knox Mfg. Co. ("Hump," "Royal," "Wirt's," "Eclipse," "Angle"), 23d & York, Phila., Pa.

Reflectors (Electric Light)

See Shades & Reflectors; also Reflectors, Various Kinds

12279—Reflectors (Enameled Iron)

Baltimore Enamel & Novelty Co., Woodall, Baltimore, Md.
Enamel Products Co. (Electric Reflectors), Eddy rd & Taft av, Cleveland, O.
GEUDER, PAESCHKE & FREY CO. (Also Japanned), Milwaukee, Wis. *See adv index at end of book*
HARTER MFG. CO., 524 SClinton, Chicago, Ill. *See adv index at end of book*

12280—Reflectors (Enameled Steel)

Adams-Bagnall Electric Co. ("Abolite" for Industrial Lighting), Cleveland, O.

12281—Reflectors for Churches, Halls, Etc.

American Reflector & Lighting Co., 517 W Jackson blvd, Chicago, Ill.
Bailey Reflector Co., 617 2d av, Pittsburgh, Pa.
Boesch Lamp Co., 962 Mission, San Francisco, Cal.
Dayton Mfg. Co., Dayton, O.
Frink I. P., Inc., 10th av & 24th, New York
Gillinder & Sons (Glass), State & Devereaux, Philadelphia, Pa.
Holophane Glass Co., 340 Madison av, New York
Kraushaar Brass Mfg. Co., 919 Pine, St. Louis, Mo.
Mitchell Vance Co., 507 W 24th, New York
National X-Ray Reflector Co., 235 W Jackson blvd, Chicago, Ill.
Pittsburgh Reflector & Illuminating Co., Pittsburgh, Pa.
Sunlight Reflector Co., 226 Pacific, Brooklyn, N. Y.

Reflectors (Glass & Porcelain)

See Shades & Reflectors, Glass & Porcelain

12282—Reflectors (Half Incandescent Lamp)

National Metal Stamping & Mfg. Co., 494 Mulberry, Newark, N. J.

Reflectors (Metallic)

See Shades & Reflectors, Metallic

Reflectors (Mirror)

See Shades & Reflectors, Mirror

12283-4—Reflectors (Show Case)

Bailey Reflector Co., 617 2d av, Pittsburgh, Pa.
Erickson L. Electric Co., 6 Portland, Boston, Mass.
Frink I. P., Inc., 10th av & 24th, New York
Multi-Lux Illuminating Co., 6712 Union av, Cleveland, O.
National X-Ray Reflector Co., 233 W Jackson blvd, Chicago, Ill.

Reflector & Hardware Specialty Mfg. Co., 2235 S Western av, Chicago, Ill.
Straight Filament Lamp Co., 42 E 23rd, New York

12285—Reflectors (Tungsten Lamp)

Gill & Co. ("Gill"), E. York & Thompson, Phila., Pa.

12286—Reflectors (Window)

Bailey Reflector Co., 617 2d av, Pittsburgh, Pa.
Erickson L. Electric Co., 6 Portland, Boston, Mass.
Frink I. P., Inc., 10th av & 24th, New York
Holophane Glass Co., 340 Madison av, New York
National X-Ray Reflector Co., 233 W. Jackson blvd, Chicago, Ill.
Straight Filment Lamp Co., 42 E 23d, New York.

12287— Reflectoscopes

Thompson Albert T. & Co., 15 Tremont pl, Boston, Mass.

12288— Refractometers

Bausch & Lomb Optical Co. ("Zeiss," "Abbe"), Rochester, N. Y.
Eberbach & Son Co., Ann Arbor, Mich.

12289—Refrigerating Apparatus (Electric)

Brunswick Refrigerating Co., New Brunswick, N. J.
Schwenker W. M., 342 E 92d, New York
Voigt Bros. Mfg. Co., Louisville, Ky.
See adv index at end of book

12290— Refrigerators

Alaska Refrigerator Co. ("Ford" Opal Glass, etc), Muskegon, Mich.
Arlington Refrigerator Co. ("Arco" & "Berkshire") Arlington, Vt.
Baldwin Refrigerator Co., Burlington, Vt.
Banta Refrigerator Co., Clearfield, Pa.
Banta & Bender Co., Ligonier, Ind.
Belding-Hall Co., Belding, Mich.
Bouchard John & Sons Co., Nashville, Tenn.
Brecht Co., 1201 Cass av, St. Louis, Mo.
Brunswick-Balke-Collender Co., 629 South Wabash av, Chicago, Ill.
Challenge Refrigerator Co. ("Challenge Iceberg," "Triumph," "Grand"), Grand Haven, Mich.
Chryster & Koppin, 819 Warren av, Detroit, Mich.
Cincinnati Butchers' Supply Co. (Chinalin-Lined), 2008 Central av, Cincinnati, O.
Cincinnati Cement Products Co. (Window), 2016 Dana av, Cincinnati, O.
Cleveland Store Fixture Co., Cleveland, O.
Cold Storage Refrigerator Co., Eau Claire, Wis.
Cooper & McKee, 110 Lorimer, Brooklyn, N. Y.
Dillingham Mfg. Co., Sheboygan, Wis.
Eddy D. & Sons Co., 336 Adams, Boston, Mass.
Ehrlich H. & Sons, St. Louis, Mo.
Ehlers Robt. J. Co., 125 E 46th, New York
Excelsior Stove & Mfg. Co., (Also Ice Chests), Quincy, Ill.
Fort Smith Refrigerator Works, Fort Smith, Ark.
Fremont Mfg. Co., Fremont, Neb.
Gibson Refrigerator Co., Greenville, Mich.
Grand Rapids Refrigerator Co., Grand Rapids, Mich.
Gurney Refrigerator Co. ("Athermos" All-Steel), Fond du Lac, Wis.
Hall A. D. & Son, 33 Spice, Boston, Mass.
Heinz & Munschauer ("Zero," "Buffalo," "Polar"), Buffalo, N. Y.
Herrick Refrigerator & Cold Storage Co. (Grocery, Hotel, Restaurant & Florists) Waterloo, Ia.
Herrmann H. Furniture Co., 368 Broome, New York
Hill C. V. & Co., Trenton, N. J.
Illinois Refrigerator Co., Morrison, Ill.
Jewett Refrigerator Co., Buffalo, N. Y.
Jointless Refrigerator Mfg. Co. (Seamless White Interior), Milwaukee, Wis.
Knoell John & Sons, 179 Jefferson, Phila., Pa.
Koch Butcher Supply Co., 519 Wyandotte, Kansas City, Mo.
Koehler & Henrichs, St. Paul, Minn.
Liver C. B. & Co., Omaha, Neb.
Lorillard Refrigerator Co., 25 W 32d, New York
McCray Refrigerator Co. (Porcelain, Glass, Wood & Enamel Lined), Kendallville, Ind.
McKee Refrigerator Co., 119 Lorimer, Brooklyn, N. Y.
Mace L. H. & Co., 55 E 150th, New York
Maine Mfg. Co., Nashua, N. H.
Metal Stamping Co. (Metal) Jackson, Mich.
Miller Mfg. Co. (Sectional), 8000 Alabama av, St. Louis, Mo.
Monroe Refrigerator Co. (Porcelain), 51 Beaver, Lockland, O.
National Refrigerator & Fixture Co., 8th & Park av, St. Louis, Mo.
Niagara Refrigerator Works ("Niagara," "Erie"), 22 Randall, Buffalo, N. Y.
Northern Refrigerator Co. ("Glacier," "Furniture City"), Grand Rapids, Mich
Odorless Refrigerator Co., Chattanooga, Tenn.
Omaha Fixture & Supply Co., Omaha, Neb.
Pick Albert & Co., 212 W Randolph, Chicago, Ill.
Ranney Refrigerator Co., Greenville, Mich.
Rhinelander Refrigerator Co. ("Xyno," Stone Lined), Rhinelander, Wis.
Russ Co. (Beer & Liquor), 5700 Wolworth av, Cleveland, O.
Seeger Refrigerator Co. ("Seeger" Dry Air Siphon System), Arcade & Wells, St. Paul, Minn.
Seidel Furniture Mfg. Co., 516 Barracks, New Orleans, La.
Shirk Refrigerator Co., 116 S Michigan av, Chicago, Ill.
Steinfeld Bros., 116 W 32nd, New York
Stevens Benj. A. Co., Toledo, O.
Success Mfg. Co. (All Steel), Gloucester, Mass.
Syracuse Heater Co. ("Interchil"), Syracuse, N. Y.
Traverse City Refrigerator Co. (Automobile), Traverse City, Mich.
Vogt Peter A. Mfg. Co., 24 Evans, Buffalo, N. Y.
Walrus Mfg. Co., Decatur, Ill.
Western Cabinet & Fixture Mfg. Co., Kansas City, Mo.
White Enamel Refrigerator Co., St. Paul, Minn.
White Frost Refrigerator Co., Jackson, Mich.
Wisconsin Refrigerator Co., Eau Claire, Wis.
X. L. Refrigerating Co., 5840 S Honore, Chicago, Ill.

12291—Refrigerators (Dining Car, Etc.)

Herrick Refrigerator & Cold Storage Co., Waterloo, Ia.
Seeger Refrigerator Co. ("Seeger" Dry Air Siphon System), Arcade & Wells, St. Paul, Minn.
White Enamel Refrigerator Co. ("Bohn"), St. Paul, Minn.

12292—Refrigerators (Iceless)

Metal Barrel Co. ("W.-M."), Galesburg, Ill.

Refrigerators (Metal)

See Refrigerators, etc.

12293—Refrigerators (Nursery)

Chandlee H. P. Sons Co., 114 W Lombard, Baltimore, Md.

Refrigerators (Steel)

See Refrigerators, etc.

12294— Refrigerators & Cooling Rooms

Alaska Refrigerator Co., Muskegon, Mich.
Baldwin Refrigerator Co., Burlington, Vt.
Brecht Co. (Portable), 1201 Cass av, St. Louis, Mo.
Cooper Madison Co. (Refrigerating Architects & Engineers), Calcium, N. Y.
Cooper & McKee, 110 Lorimer, Brooklyn, N. Y.
Elkins Refrigerator & Fixt. Co., Elkins, W. Va.
Ft. Smith Refrigerator Works, Ft. Smith, Ark.
Gloekler Bernard Co., (Refrigerators Only), 1127 Penn av, Pittsburgh, Pa.
Grand Rapids Refrigerator Co., Grand Rapids, Mich.
Gurney Refrigerator Co., Fond du Lac, Wis.
Heinz & Munschauer, Buffalo, N. Y.
Illinois Refrigerator Co., Morrison, Ill.
Jewett Refrigerator Co., Buffalo, N. Y.
Lorillard Refrigerator Co., 25 W 32d, New York
McCray Refrigerator Co. (All Sizes & Constructions), Kendallville, Ind.
Maine Mfg. Co., Nashua, N. H.
Miller Mfg. Co., 8000 Alabama av, St. Louis, Mo.
National Refrigerator & Fixture Co. ("Airtite") 8th & Park av, St. Louis, Mo.
Northey Mfg. Co., Waterloo, Ia.
Ranney Refrigerator Co., Greenville, Mich.
Ridway Refrigerator Co., 3519 N Lawrence, Phila., Pa.
St. Louis Butchers' Supply Co., 1543 N 15th, St. Louis, Mo.
Schwenger-Klein Co., 515 Woodland av, Cleveland, O.
Stevens Benj. A. Co., Toledo, O.
White Enamel Refrigerator Co. ("Bohn" Syphon System for Refrigerator & Dining Cars), St. Paul, Minn.
Wisconsin Refrigerator Co., Eau Claire, Wis.
Wolf, Sayer & Heller, Fulton & Peoria, Chicago, Ill.

12295—Refrigerators & Cooling Rooms (Glass Lined)

Alaska Refrigerator Co., Muskegon, Mich.
Baldwin Refrigerator Co., Burlington, Vt.
Bouchard John & Sons Co., Nashville, Tenn.
Brecht Co., 1201 Cass av, St. Louis, Mo.
Cooper & McKee (Opalite), 110 Lorimer, Brooklyn, N. Y.
Ft. Smith Refrigerator Works, Fort Smith, Ark.
Heinz & Munschauer, Buffalo, N. Y.
Herrick Refrigerator & Cold Storage Co. (Family), Waterloo, Ia.
Jewett Refrigerator Co., Buffalo Co., N. Y.
Lorillard Refrigerator Co., 25 W 32d, New York
McCray Rrefrigerator Co. (Opal Glass Lined), Kendallville, Ind.
Northey Mfg. Co., Waterloo, Ia.
White Enamel Refrigerator Co., St. Paul, Minn.

12296— Refrigerators & Cooling Rooms (Tile Lined)

Bouchard John & Sons Co., Nashville, Tenn.
Brecht Co., 1201 Cass av, St. Louis, Mo.
Northey Mfg. Co., Waterloo, Ia.
White Enamel Refrigerator Co., St. Paul, Minn.

12297—Regenerators (Ammonia)

VILTER MFG. CO., 1046 Clinton, **Milwaukee, Wis.** *See adv index at end of book*

12298—Regenerators (Steam)

Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Kellogg M. W. Co. (Welded Steel), 90 West, New York
See adv index at end of book
Rateau Steam Regenerator Co. ("Rateau"), 90 West, New York
Ridgway Dynamo & Engine Co., Ridgway, Pa.
Southwark Foundry & Machine Co., 430 Washington av, Phila., Pa.

12299—Registers (Autographic)

American Sales Book Co., Ltd. ("Amsaboco"), Elmira, N. Y.
Autographic Register Co. ("Shoup's"), Hoboken, N. J.
Costmeter Co. ("Costmeter"), 295 Franklin, Boston, Mass.
Egry Register Co., Dayton, O.
Globe Register Co., 2412 Reading rd, Cincinnati, O.
Hainer Bookkeeping Machine Co. ("Hainer," "Triplexograph"), 45 Willard av, Providnce, R. I.
Hamilton Autographic Register Co., Hamilton, O.
International Time Recording Co. of New York, Endicott, N. Y.

REGISTERS (AUTOGRAPHIC)—cont'd

Krauth & Benninghofen, Hamilton, O.
McCaskey Register Co., Alliance, O.
Standard Register Co., Callahan Power bldg, Dayton, O.
United Autographic Register Co., 556 W Jackson blvd, Chicago, Ill.

12300—Registers (Car Fare)

See Also Boxes, Fare

Benton Mfg. Co., 9 Bethune, New York
Bonham Rcorder Co., Hamilton, O.
Dayton Fare Recorder Co., Dayton, O.
International Register Co. (Single & Double), 15 Throop, Chicago, Ill.
Mechanical Accountant Co., 17 Warren, Providence, R. I.
Ohmer Fare Register Co. (& Taximeters), Dayton, O.
Recording & Computing Machines Co., Dayton, O.
Rooke Automatic Register Co. ("Rooke," Automatic Hand), 17 Warren, Providence, R. I.
Woodman R. Mfg. & Supply Co. (Hand), 82 Sudbury, Boston, Mass.

12301— Registers (Cash)

Autographic Register Co. of San Francisco, 38 Clementina, San Francisco, Cal.
Brandt-Dent Co., Watertown, Watertown, Wis.
Michigan Cash Register Co., 85 Porter, Detroit, Mich.
National Cash Register Co., Dayton, O.
St. Louis Cash Register Co., St. Louis, Mo.
Standard Cash Register Co. (Autographic), North Manchester, Ind.

12302— Registers (Cash & Credit Autograph)

Cashier Cash Register Co. ("Cashier"), Los Angeles, Cal.

12303— *Registers (Engine)

SCHAEFFER & BUDENBERG MFG. CO. (Round Case), Berry & S 5th, Brooklyn, N. Y. *See adv index at end of book*

12304— Registers (Grain)

Advance Rumely Thresher Co., La Porte, Ind.
Huber Mfg. Co., Marion, O.
Nichols & Shepard Co., Battle Creek, Mich.
Nordyke & Marmon Co., Indianapolis, Ind.
Port Huron Engine & Thresher Co., Port Huron, Mich.

12305—Registers (Hand Tally)

Benton Mfg. Co., 9 Bethune, New York
Pratt & Whitney Co., Hartford, Conn.
Woodman R. Mfg. & Supply Co. 82 Sudbury, Boston, Mass.

12306— Registers (Hospital)

Universal Register Co., 226 W Ontario, Chicago, Ill.

12307— Registers (Hot Air)

Auer Register Co., 403 Long av, N W, Cleveland, O.
Barber Mfg. Co., Ashtabula, O.
Best Register Co., 15th & Oklahoma av, Milwaukee, Wis.
Chicago Hdw. Fdry. Co., 546 W Washington, N Chicago, Ill.
Columbian Hardware Co. ("Columbian" Wrought Steel), Cleveland, O.
Detroit Register Co., Detroit, Mich.
Devlin Thos. Mfg. Co., Lehigh av & 3d, Phila., Pa.
Execelsior Steel Furnace Co., 118 S Clinton, Chicago, Ill.
Ferrosteel Co., 425 Prospect av, N W, Cleveland, O.
Grey Iron Casting Co., Mt. Joy, Pa.
Hart & Cooley Co. (Wrought Steel), New Britain, Conn.
Hess-Snyder Co. ("Snyder's"), Massillon, O
Highton Wm. & Sons Co. ("Highton," "O. K.," "New Sanitary," "Keystone"), Nashua, N. H.
Independent Register & Mfg. Co., Cleveland, Ohio
International Heater Co., Utica, N. Y.
Keith Furnace Co., Des Moines, Ia.
Loetscher-Ryan Mfg. Co. ("Duquque" Side Wall), Dubuque, Ia.
MERCHANT & EVANS CO., 2035 Washington av, Philadelphia, Pa.
See adv index at end of book
Mueller L. J. Furnace Co. (Steel & Cast Iron, Wall & Floor), Milwaukee, Wis.
Osborn J. M. & L A Co., Cleveland, O
Phila. Hdw. & Mall. Iron Works ("Colonial"), 9th & Jefferson, Phila., Pa.
Portland Stove Foundry Co., Portland, Me.
Quaker Mfg. Co., 180 N Dearborn, Chicago, Ill.
Rhodes Mfg. Co., Grand Rapids, Mich.
Rock Island Register Co. ("Burgess"), Rock Island, Ill.
Standard Fdry. & Mfg Co, Cleveland, O.
Stearns Register Co., 111 Fort, E, Detroit, Mich.
Stover Mfg Co. ("Ideal"), Freeport, Ill.
Symonds Register Co. (Wall), St. Louis, Mo
Syracuse Wire Works (Wire), 101 University av, Syracuse, N. Y.
Tuttle & Bailey Mfg. Co. (Cast Iron, also Wrought Steel), 52 Vanderbilt av, New York
Union Furnace Mfg. Co., Union Furnace, Pa
U. S. Register Co., Ltd. ("Jones" Side Wall Ventilating, "National," "U. S." Wood), Battle Creek, Mich.
Walworth Run Foundry Co. (Semi-Steel), 2488 W 27th, Cleveland, O.
Waterloo Register Co., Waterloo, Ia.
Westwick John & Son, Galena, Ill.

12308—Registers (Hot Water)

Excelsior Steel Furnace Co., 118 S Clinton, Chicago, Ill.

12309—Registers (Pressure, for Gas Works)

Connelly Iron Sponge & Governor Co., 227 Fulton, New York

12310—Registers (Rain, Sewer & Depth)

Ulmer J. C. Co., Cleveland, O.

12311-2—Registers (Stove Pipe)

Adams Co., Dubuque, Ia.
Loetscher-Ryan Mfg Co., Dubuque, Ia.
Stover Mfg. Co., Freeport, Ill

Registers (Water Stage)

See Recorders, Water Level

12313-4— Regulators (Air)

Gardner Governor Co, 14 Williamson, Quincy, Ill.
Lytton Mfg. Corp. ("Lytton"), Franklin, Va.
MASON REGULATOR CO. ("Mason"), 1192 Adams, Boston, Mass.
See adv index at end of book
Try-Me Mfg. Co. (Pressure), Springfield, Mass.

Regulators (Automatic Electric Heat)

See Regulators, Heat

12315—*Regulators (Blower, Electric)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Regulators (Boiler Feed)

See Regulators, Feed Water

12315a—*Regulators (Canners Machinery)

SARCO CO., INC. ("Sarco"), 229 B'way, New York *See adv index at end of book*

12316—Regulators (Carbonic Gas)

Bastian-Blessing Co. (High & Low Pressure), 125 W Austin av, Chicago, Ill.

12317— Regulators (Cold)

Baker Ice Machine Co. (For Regulating Cold Storage Room Temperatures), Omaha, Neb.

12318—*Regulators (Compressor, Electric)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

12318a—*Regulators (Constant Current)

Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.
See adv index at end of book

12319—Regulators (Controller Electric Railway)

Lord Mfg. Co. ("Con-tro-la-tor"), 105 W 40th, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

12320—Regulators (Damper)

See also Regulators, Furnace; also Regulators, Pressure
Acton John ("Spencer," Pattern), 118 John, Brooklyn, N. Y.
American District Steam Co., North Tonawanda, N. Y.
Atwood & Morrill ("XX Century"), 48 Loring av, Salem, Mass.
Berry Engineering Co. ("Berry"), Chester, Pa.
Burrows Mfg. Co. (Automatic), York, Pa.
Coppers Equipment & Engineering Co. ("Coppers"), Worcester, Mass.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Davis Geo. M. Regulator Co., 422 Milwaukee av, Chicago, Ill.
Deegan E. J. Mfg. Co., The, 756 Whitlock av, New York
d'Este Julian Co. ("Curtis"), 24 Canal, Boston, Mass.
Diamond Power Specialty Co. ("Diamond"), Detroit, Mich.
Draft Regulator Co., Grosvenor bldg, Providence, R. I.
Ford Thos. P. Co., 407 Broome, N. Y.
Foskett & Bishop Co. ("Clark"), New Haven, Conn.
Fulton Co. ("Ideal Sylphon"), Knoxville, Tenn.
Garrett W. D. & Co. ("Locke," "Spencer" Type), 136 Liberty, New York
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
Hess & Barker ("Kellum" Improved), 236 S 8th, Philedelphia, Pa.
Highton Wm. & Sons Co., Nashua, N. H.
Hoffmann B. Mfg. Co., 257 6th, Milwaukee, Wis.
Honeywell Heating Specialty Co. ("Honeywell," Automatic), Wabash, Ind.
Keeble Alex. K., Lawrence, Mass.
Kellogg-Mackay Co. (For Steam & Hot Water), 403 W 18th, Chicago, Ill.
Kelly & Jones Co. (Low Pressure & "Clarks" High Pressure), 135 Water, Pittsburgh, Pa.
Kieley & Mueller (Improved "Climax"), 24 W 13th, New York
Kipp S. C. Jr. & Son, Ossining, N. Y.
Kitts Mfg. Co. (Steam Boilers), Oswego, N. Y.
Kitts Steam Specialty Co., Oswego, N. Y.
Klipfel Mfg. Co., 2651 W Harrison, Chicago, Ill.
Lawler Regulator Co. (Hot Water), 55 W Houston, New York
Lawler Water Feed & Damper Regulator, 55 W Houston, New York
Locke Regulator Co. (Steam), Salem, Mass.
McDonough Automatic Regulator Co. ("McDonough" Automatic High & Low Pressure), 716 Grand River, Detroit, Mich.
McNab & Harlin Mfg. Co. (Low Pressure), 55 John, New York
MASON REGULATOR CO. ("Mason"), 1192 Adams, Boston, Mass.
See adv index at end of book
NASON MFG. CO. (Low Pressure), 71 Fulton, New York
See adv index at end of book

National Regulator Co., ("Metaphram") 208 S Jefferson, Chicago, Ill.
Newbury J. H. (Low Pressure), Goshen, N. Y.
Newbury Mfg. Co. (Low Pressure), Monroe, N. Y.
Parker Supply Co. (Damper Quadrant), 785 E 135th, New York
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Powers Regulator Co., 5 S Wabash av, Chicago, Ill.
Robertson Jas. L. & Son, 78 Murray, New York
Rutzler Enoch Co. ("Clarke's" Pressure), 404 E 49th, New York
Smillie C. M. & Co., 130 E Larned, Detroit, Mich.
Spencer Regulator Co., Salem, Mass.
Stillman Carmichael Co. ("Stillman-Carmichael"), 19 Pearl, Boston, Mass.
Taylor Instrument Cos. ("Tycos"), Rochester, N. Y. *See adv index at end of book*
Thompson Richard & Co. ("Thompson" High or Low Pressure), 126 Liberty, New York
Turner Heating Co., 143 Eddy, Providence, R. I.
Watts Regulator Co. ("The Watts Lawrence"), Lawrence, Mass.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wing L. J. Mfg. Co. ("Wydawake"), 352 W 13th, New York

12321—*Regulators (Dynamo Field)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

12322—*Regulators (Electric Fan)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Regulators (Electric Pump)

See Governors, Electric Pump

12323—Regulators (Exhaust Pressure)

LUNKENHEIMER CO. Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
See adv index at end of book

12324—Regulators (Fan Engine)

Atwood & Morrill ("XX Century"), 48 Loring av, Salem, Mass.
Davis Geo. M. Regulator Co., 422 Milwaukee av, Chicago, Ill.
Foster Engineering Co., 109 Monroe, Newark, N. J.
Garrett W. D. & Co., 136 Liberty, New York
Mason Regulator Co ("Mason"), 1192 Adams, Boston, Mass.
See adv index at end of book
Nason Fred W. Co., 39 Cortlandt, New York
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
Rice, Barton & Fales Machine & Iron Co., Worcester, Mass.
Standard Regulator Co. ("Victor"), 282 South Newark, N. J.
Strong, Carlisle & Hammond Co. ("Strong"), 336 Frankfort av N W, Cleveland, O.
Watson & McDaniel Co. (For Steam, Water & Air), 146 N 7th, Phila., Pa.
Watts Regulator Co. ("Watts"), Lawrence, Mass.
Ziermore Regulator Co. ("Ziermore"), Johnsonburg, Pa.

12325—Regulators (Feed Water)

See also Governors, Pump

Cleveland Feed Water Regulator Co., Tennyson rd, Cleveland, O.
Berry Engineering Co. ("Berry"), Chester, Pa.
Bordo L. J. Co. ("Bordo" Feed Water Governor), 12th & Thompson, Phila., Pa.
Boston Steam Specialty Co., 332 A, Boston, Mass.
Burrows Mfg. Co. ("Burrows"), York, Pa.
Chaplin-Fulton Mfg. Co. ("Vigilant"), Pittsburgh, Pa.
Defender Automatic Regulator Co., Oriel bldg, St. Louis, Mo.
Elliott Co. ("Liberty"), Pittsburgh, Pa.
Erie Pump & Equipment Co. ("Copes" Boiler Feed), Erie, Pa.
Fogarty James H. ("Fogarty-Thoens"), 126 Liberty, New York
Ford Thos. P. Co., 407 Broome, New York
Foster Engineering Co. (Automatic), 109 Monroe, Newark, N. J.
Kitts Mfg. Co. (Safety), Oswego, N. Y.
Knapp Bros. Mfg. Co. ("Knapp's" Automatic, for Boiler Feed Pumps), 2419 W 14th, Chicago, Ill.
Lawler Water Feed & Damper Regulator Co., 55 W Houston, New York
Locke Regulator Co., Salem, Mass.
McCrea Jas. & Co. ("Rowe"), 562 W Washington, Chicago, Ill.
McDonough Automatic Regulator Co. ("McDonough" Auxiliary & Safety), 716 Grand River, Detroit, Mich.
Murray Specialty Mfg. Co. ("Murray"), 97 Woodbridge, W. Detroit, Mich.
Northern Equipment Co. ("Copes" Boiler Feed), 111 W 11th, Erie, Pa.
"S.-C." REGULATOR MFG. CO. ("S.-C." Feed Water Regulators Continued), Fostoria, O.
Squires C. E. Co., Cleveland, O.
Steigert L. Co. (Automatic), Logan & Elder, Cincinnati, O.
Strong, Carlisle & Hammond Co., 336 Frankfort av N W, Cleveland, Ohio
Tagliabue C. J. Mfg. Co., 18 33d, Brooklyn, N. Y.
Watts Regulator Co. ("Watts"), Lawrence, Mass.
Weld Geo. A. Co., 79 Milk, Boston, Mass.
Williams Gauge Co. ("Williams," Automatic Safety), 543 4th av, Pittsburgh, Pa.
Wiltbonco Mfg. Co., 24 Porter, Boston, Mass.
Wing L. J. Mfg. Co. ("Watch Dog"), 352 W 13th, New York
Witt G. E. Co., 862 Howard, San Francisco, Cal.
Ziermore Regulator Co. ("Ziermore"), Johnsonburg, Pa.

12326—*Regulators (Feeder Voltage)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.
See adv index at end of book

12327—Regulators (Flush Tank)

Modern Iron Works ("IXL"), Quincy, Ill.

12328—Regulators (Fuel, Oil or Gas)

Chaplin-Fulton Mfg. Co. (Boiler Fuel), 34 Penn av, Pittsburgh, Pa.
MASON REGULATOR CO. ("Mason"), 1192 Adams, Boston, Mass.
See adv index at end of book
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Ziermore Regulator Co. ("Ziermore"), Johnsonburg, Pa.

12329-30—Regulators (Furnace)

BRISTOL CO. ("Bristol" Gas & Electric), Waterbury, Conn.
See adv index at end of book
Farquhar Furnace Co. ("Farquhar"), Wilmington, O.
Kees F. D. Mfg. Co. ("Kees," "Fuelsaver"), Beatrice, Neb.
Lawler Regulator Co. 55 W Houston, New York
Puffer W. E. & Sons, 234 Water, New York
Quaker Mfg. Co. (Furnace Time Regulators), 180 N Dearborn, Chicago, Ill.
Ridgeway Furnace Co., 80 Beverly, Boston, Mass.
Riverside Mfg. Co., 162 Riverside av, Newark, N. J.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Rowe L. L., 74 Portland, Boston, Mass.
Witt G. E. Co., 862 Howard, San Francisco, Cal.
Woodward Frank E. & Co. ("Fowler," Automatic Draft Regulator for Furnaces, Heaters, etc), 19 Friend, Boston, Mass.

Regulators (Gas)

See Regulators, Gas Pressure; also Governors, Gas

12331—Regulators (Gas Burner)

Brand Chas. F., 16th & Jacob, Wheeling, W. Va.
Peck & Young Mfg. Co., Forestville, Conn.

12332—Regulators (Gas Pressure)

Bacharach Herman, Pittsburgh, Pa.
Baylis Co. ("Colonial"), Bloomfield, N. J.
Bishop-Babcock-Becker Co. (Carbonic Acid), Cleveland, O.
Boyce Myron J., 1 Bethune, New York
Brand Chas. F., 16th & Jacob, Wheeling, W. Va.
Bryant Heater & Mfg. Co. ("Bryant"), 952 E 72nd, Cleveland, O.
Chaplin-Fulton Mfg. Co. ("Fulton"), 34 Penn av, Pittsburgh, Pa.
Equitable Meter Co. ("Crawford" Sensitive), 424 1st av, Pittsburgh, Pa.
Evans Mfg. Co. (Ltd.), Butler, Pa.
Foster Engineering Co., 109 Monroe, Newark, N. J.
Gilfillian F. C., Ebenezer, N. Y.
Hugo Mfg. Co., Duluth, Minn.
Illinois Engineering Co. ("Eclipse"), 5021 S State, Chicago, Ill.
Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill. *See adv index at end of book*
Jacobson Machine Mfg. Co., Warren, Pa.
Lytton Mfg. Corp. ("Lytton"), Franklin, Va.
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
See adv index at end of book
Mueller H. Mfg. Co., Decatur, Ill.
National Gas Governor Co., 56 W 45th, New York
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Perfect Gas Controller & Fixture Co., 4046 S State, Chicago, Ill.
Powers Regulator Co. (Natural Gas), 5 S Wabash av, Chicago, Ill.
Reynolds Gas Regulator Co. (Low Pressure for Natural Gas), Anderson, Ind.
Sprague Meter Co., Bridgeport, Conn.
Union Water Meter Co., Worcester, Mass.
Wright Geo. W., Lapel, Ind.
Ziermore Regulator Co. ("Ziermore"), Johnsonburg, Pa.

12333—*Regulators (Generator Voltage)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

12334— Regulators (Heat)

See also Thermostats

American Thermostat Co. ("Marvel"), 101 Mechanic, Newark, N. J.
Atwood & Morrill ("XX Century"), 48 Loring av, Salem, Mass.
Bartlett Bros. Co. ("Thermograph"), Cleveland, O.
Beers Bros., Rochester, N. Y.
BRISTOL CO. ("Bristol," Automatic High Temperature), Waterbury, Conn.
See adv index at end of book
Chicago Heat Regulator Co. ("Chicago"), 1801 Diversey Parkway, Chicago, Ill.
Dahl Mfg. Co. ("Dahl-Mo-Stat"), Minneapolis, Minn.
d'Este Julian Co. ("Curtis" for Steam), 24 Canal, Boston, Mass.
Electric Heat Regulator Co. ("Minneapolis"), 2753 4th av, S Minneapolis, Minn.
Fulton Co. ("Ideal Sylphon"), Knoxville, Tenn.
Homan J. & E., 435 W B'way, New York
Illinois Malleable Iron Co. ("Chicago"), 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book

REGULATORS (HEAT)—continued

Jewell Mfg. Co., Auburn, N. Y.
Johnson Heat Regulating Co., 106 N 10th, St. Louis, Mo.
Johnson Service Co. ("Johnson" System of Temperature Regulation), 153 Michigan, Milwaukee, Wis.
Klipfel Mfg. Co. ("Swan"), 2651 W Harrison, Chicago, Ill.
Lawler Regulator Co., 55 W Houston, New York
Leeds & Northrup Co., Stenton av, Gtn., Phila., Pa.
Locke Elec. Mfg. Co., 8010 Constantine, Chicago, Ill.
Locke Regulator Co. ("Locke's" Office Heating), Salem, Mass.
Mack Automatic Heat Regulator Co. (Automatic), Detroit, Mich.
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
See adv index at end of book
Minneapolis Heat Regulator Co. ("Minneapolis"), 2753 4th av S, Minneapolis, Minn.
National Regulator Co. (For Control of Dampers & Vlaves in a Heating Apparatus), 208 S Jefferson, Chicago, Ill.
Powers Regulator Co., 5 S Wabash av, Chicago, Ill.
SARCO CO., INC. ("Sarco"), 229 B'way, New York. *See adv index at end of book*
Scientific Instrument Co. (Automatic), Detroit, Mich.
Taylor Instrument Cos. ("Tycos"), Rochester, N. Y. *See adv index at end of book*
Thermograde Valve Co., 247 Atlantic av, Boston, Mass.
Weld Geo. A. Co., 79 Milk, Boston, Mass.
Woodward Frank E. & Co. ("Fowler" Automatic Draft Regulator), 19 Friend, Boston, Mass.

12335—Regulators (Hot Water)

D. & T. Mfg. Co., 1911 Pine, St. Louis, Mo.
Electric Heat Regulator Co. ("Minneapolis"), 2753 4th av, S Minneapolis, Minn.
Fulton Co. ("Ideal Sylphon"), Knoxville, Tenn.
Honeywell Heating Specialty Co., Wabash, Ind.
Johnson Service Co. ("Johnson"), 153 Michigan, Milwaukee, Wis.
Kittoe Boiler & Tank Co. (Inc.), Canton, Ohio
Lawler Regulator Co., 55 W Houston, New York
Minneapolis Heat Regulator Co., 2753 4th av, South Minneapolis, Minn.
National Regulator Co. ("National" Hydraulic), 208 S Jefferson, Chicago, Ill.
Powers Regulator Co., 5 S Wabash av, Chicago, Ill.
Robertshaw Mfg. Co. (Tank), Youngwood, Pa.
SARCO CO., INC. ("Sarco"), 229 B'way, New York. *See adv index at end of book*
Standard Regulator Co. ("Victor"), 282 South, Newark, N. J.
Weld Geo. A. Co. ("Weld," for Hot Water Tanks & Feed Water Heaters, etc), 79 Milk, Boston, Mass.

12336—Regulators (Hydraulic)

Heller-Aller Co., Napoleon, O.
Johnson Service Co. ("Johnson" Thermostat), 153 Michigan av, Milwaukee, Wis.
Locke Regulator Co., Salem, Mass.
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
See adv index at end of book
Waters Governor Co., 141 Milk, Boston, Mass.

12337—*Regulators (Motor Speed)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

12338 *Regulators (Oil)

Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

12339-40—*Regulators (Organ, Electric)

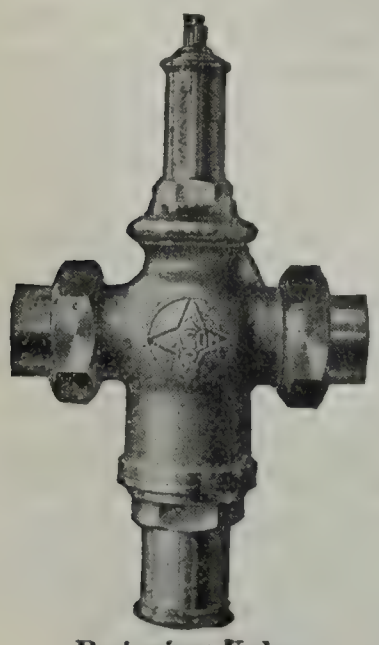
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

12341— Regulators (Power, for Looms)

Tillotson Humidifier Co. ("Gilson"), 73 Fountain, Providence, R. I.

12342—Regulators (Pressure)

Acton John, 118 John, Brooklyn, N. Y.
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
See adv index at end of book
American District Steam Co. (Steam), North Tonawanda, N. Y.
American Steam Gauge & Valve Mfg. Co. ("American Universal" Safety Pressure & Speed), 208 Camden, Boston, Mass.
Belfield H. Co. (High & Low Pressure), 435 N Broad, Phila., Pa.
Boylston Steam Specialty Co. ("Boylston"), 116 W Illinois, Chicago, Ill.
Bridgeman Bros. Co., 1426 Washington av, Phila., Pa.
Buckeye Iron & Brass Works, Dayton, O.
Burrows Mfg. Co., York, Pa.
Burton & Johnson Co., 2301 Center av, Cleveland, O.
Cash A. W. Co., Decatur, Ill.
Chaplin-Fulton Mfg. Co., 34 Penn av, Pittsburgh, Pa.
Chicago Automatic Switch Co. (also vacuum), 212 N Peoria, Chicago, Ill.
Collins Mfg. Co. (Ltd.) ("Collins" Automatic Oil), 612 Chestnut, Phila., Pa.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
CUTLER-HAMMER MFG. CO. (Electrically Operated Pressure Regulators for Use in Connection with Motor Driven Pumps & Air Compressors), 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Davis Geo. M. Regulator Co., 422 Milwaukee av, Chicago, Ill.
d'Este Julian Co. ("Curtis" Steam), 24 Canal, Boston, Mass.
Dow Pump & Diesel Engine Co., 417 Market, San Francisco, Cal.
Federal Brass Works, 3100 S Kedzie, Chicago, Ill.
Foster Engineering Co. (For Air, Ammonia, Steam, Gas, Oil, etc), 109 Monroe, Newark, N. J.
Gardner Governor Co. ("Gardner" Speed & Pressure), 14 Williamson, Quincy, Ill.
Garrett W. D. & Co. (Steam & Water) 136 Liberty, New York
Gilchrist Geo. E. Co. ("The Boston"), 106 High, Boston, Mass.
Hall Mfg. Co. ("Atlas"), Harrison, N. J.
Hoffman B. Mfg. Co., 257 6th, Milwaukee, Wis.
Ideal Automatic Governor Co., 164 Emmet, Newark, N. J.
Illinois Engineering Co., 5021 S State, Chicago, Ill.
Imperial Brass Mfg. Co. ("Imperial" for Automobile & Motor Boat), 524 S Racine av, Chicago, Ill.
See adv index at end of book
Janette Mfg. Co., 617 W Jackson blvd, Chicago, Ill.
Johnson Service Co. ("Johnson" Reducing Valves for Steam, Water, Gas & Air), 153 Michigan, Milwaukee, Wis.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Kieley & Mueller (Steam), 34 W 13th, New York
Kipp S. C. Jr. & Son, Ossining, N. Y.
Kitts Mfg. Co. (Steam Pressure), Oswego, N. Y.
Klipfel Mfg. Co. ("K. & T."), 2651 W Harrison, Chicago, Ill.
Lawler Regulator Co., 55 W Houston, New York
Leslie Co. ("Leslie"), Lyndhurst, N. J.
Locke Regulator Co. ("New Era," Steam), Salem, Mass.
Lummus Walter E. Co. (For Control of Pressure in Distilling Apparatus), 173 Milk, Boston, Mass.
Lytton Mfg. Corp. ("Lytton," for High & Low Pressure), Franklin, Va.
Marsh Valve Co., Erie, Pa.
MASON REGULATOR CO. ("Mason"), 1192 Adams, Boston, Mass.
See adv index at end of book
Mueller H. Mfg. Co. (Water, Steam, Gas, Air, etc), Decatur, Ill.
Nageldinger J. & Son, 407 E 91st, New York
Nason Fred W. Co., 39 Cortlandt New York
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
Ohio Brass Co. ("O B"), Mansfield, Ohio
Rice, Barton & Fales Machine & Iron Co., Worcester, Mass.
Ross Valve Mfg. Co. ("Trojan" Air, Steam & Water), 9 Oakwood av, Troy, N. Y.
See adv index at end of book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Sundh Electric Co. ("Sundh," for Control of Pressure in Tanks, Reservoirs, etc. by Motor Driven Apparatus), Av C & Parkhurst, Newark, N. J.
Tagliabue Chas. J. Mfg. Co. (Automatic), 18 23d, Brooklyn, N. Y.
TAYLOR INSTRUMENT COMPANIES ("Tycos"), Rochester, N. Y.
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Thompson Richard & Co. ("Thompson" Combination Damper & Pressure Regulator), 126 Liberty, New York
Trask Heating Co., 4 Merrimac, Boston, Mass.
Try-Me Mfg. Co. (Water, Air & Gas), Springfield, Mass.
Union Water Meter Co., Worcester, Mass.
Waters Governor Co, 141 Milk, Boston, Mass.
Watson & McDaniel Co. ("Watson" for Steam, Water & Gas), 146 N 7th, Philadelphia, Pa.
Watts Regulator Co. ("Watts"), Lawrence, Mass.
Ziermore Regulator Co. ("Ziermore" Pressure Controlling), Johnsonburg, Pa.

12343—Regulators (Pressure, for Cane Mills)

Buchel Machine Works, New Orleans, La.

Regulators (Pump)

See Governors, Pump

12344—*Regulators (Rheostat)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
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Ward Leonard Electric Co., Mt Vernon, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

12345— Regulators (Slasher)

Atwood & Morrill ("XX Century"), 48 Loring av, Salem, Mass.
Locke Regulator Co., Salem, Mass.
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
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Regulators (Speed)

See Controllers, Various Kinds; also Indicators, Various Kinds

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Regulators (Steam Engine)

See Governors, Steam Engine

12347—Regulators (Steam Heat, for Train Service)

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Locke Regulator Co., Salem, Mass.
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
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Regulators (Tank, Hot Water)

See Regulators, Hot Water

12348—Regulators (Temperature)

See also Regulators, Heat

American Radiator Co. ("Arco"), 820 S Michigan av, Chicago, Ill.
American Thermostat Co., 101 Mechanic, Newark, N. J.
Beers Bros., Thermostat Co., Rochester, N. Y.
Chapman Steam Specialty Co., Canton, Ohio
Chicago Temperature Regulator Co., 215 W Illinois, Chicago, Ill
Elec. Automatic Appliance Co., 1749 Arapahoe, Denver, Colo.
FOXBORO COMPANY, THE, Succeeding Industrial Instrument Co. ("Foxboro") Foxboro, Mass.
See adv index at end of book
Gold Car Htg. & Ltg. Co., 17 Battery Pl, New York
Halsey Mfg. Co., 1211-1215 Filbert, Phila., Pa.
Honeywell Htg. Specialties Co., Wabash, Ind.
Jewell Mfg. Co., Auburn, N. Y.
Minneapolis Heat Regulator Co., 2753 4th av, Minneapolis, Minn.
Railway Utility Co., 721 Fulton, Chicago, Ill.
Standard Thermometer Co., 65 Shirley, Boston, Mass.
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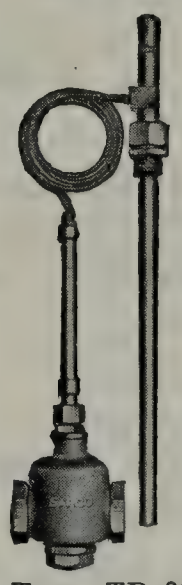

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WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
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American Radiator Co. ("Syphon," "Ideal Syphon" Steam & Water), 820 S Michigan av, Chicago, Ill.
Cash A. W. Co. (Ammonia Controlled), Decatur, Ill.
Eckel Hydrostat Co. (For Steam Boilers), 458 Mt. Elliott av, Detroit, Mich.
Merritt Hydraulics Co. ("Merritt-Moise," for Flushtanks for Sewers), 110 N Broad, Phila., Pa.
Patterson Co., 2511 N Calvert, Baltimore, Md.
Strong, Carlisle & Hammond Co., ("Strong"), 336 Frankfort av N W, Cleveland, O.

12351—Regulators (Water Pressure)

Atwood & Morrill ("X X Century"), 48 Loring av, Salem, Mass.; & New York
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Chamberlain J. H. D. Co. ("Chamberlain," "Cooper," "Van Wie"), Springfield, Mass.
Chapin-Fulton Mfg. Co., 34 Penn av, Pittsburgh, Pa.
Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
Cooper Sanitary Mfg. Co. ("Reliable"), 34th & Chestnut, Phila., Pa.
Davis Geo. M. Regulator Co., 422 Milwaukee av, Chicago, Ill.
d'Este Julian Co. ("Curtis"), 24 Canal, Boston, Mass.
Ford Thos. P. Co., 407 Broome, New York
Foster Engineering Co., 109 Monroe, Newark, N. J.
Gardner Governor Co., 14 Williamson, Quincy, Ill.
Garrett W. D. & Co., 136 Liberty, New York
Haydenville Co., Haydenville, Mass.
Kieley & Mueller, 34 W 13th, New York
Locke Regulator Co. ("New Era"), Salem, Mass.
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
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Mueller H. Mfg. Co., Decatur, Ill.
Powers Regulator Co., 5 S Wabash av, Chicago, Ill.
Ross Valve Mfg. Co., 9 Oakwood av, Troy, N. Y. *See adv index at end of book*
Standard Sanitary Mfg. Co. ("No-Leak"), Bessemer bldg, Pittsburgh, Pa.
Thompson J. & Co., Van Horn & Sophia, Phila., Pa.
Union Water Meter Co., Worcester, Mass.
Watts Regulator Co. ("Watts"), Lawrence, Mass.

Regulators (Water Wheel)

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Althouse-Wheeler Co., Waupun, Wis.
Baker Mfg. Co. ("Baker"), Evansville, Wis
Celina Mfg. Co., Celina, O.
Challenge Co., Batavia, Ill.
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DEMING CO., Salem, O.
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Dempster Mfg. & Supply Co., Des Moines, Iowa
Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.
Heller, Adler & Co. (Hydraulic), Napoleon, Ohio
Hunt, Helm, Ferris & Co. ("Star" & "Champion"), Harvard, Ill.
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Mast, Foos & Co., Springfield, O.
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WHEELER CONDENSER & ENGINEERING CO. ("Wheeler" Improved), Carteret, N. J. *See adv index at end of book*

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See Concrete Reinforcing Bars, Iron & Steel; also Concrete Reinforcing Materials

12356—Relays for Electrical Contact

Condit Electrical Mfg. Co. ("Condit"), 1st & L, Boston, Mass.
Consolidated Car Heating Co., Albany, N.Y.
General Railway Signal Co., Rochester, N. Y.
Schweitzer & Conrad, Inc. (Protective), 4431 Ravenswood av, Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO. East Pittsburgh, Pa.
See adv index at end of book
Weston Electrical Instrument Co., Waverly Park, Newark, N. J.

12357— *Relays (Magnetic)

HART MFG. CO. ("Diamond H"), 230 Hamilton, Hartford, Conn.
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12358— Releasers (Curtain)

Railway & Traction Supply Co. ("Wyoming" Automatic), 79 W Monroe, Chicago, Ill.

12359—Reliners (Automobile)

Hampton Mfg. Co. ("Kant Blo"), Indianapolis, Ind.
Keystone Rubber Mfg. Co., Erie, Pa.
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12360— *Reloaders (Coal)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
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Kohler Die & Specialty Co. ("Deaton"), De Kalb, Ill.

Removers (Crown Seal)

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Bushnell Tank Works, Bushnell, Ill.

12366—*Repairs (Electrical Machinery)

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12367— Replacers (Car)

Adreon Mfg. Co. ("Fewing"), Security bldg, St. Louis, Mo.
Aldon Co. ("Aldon" Car & Locomotive), 3338 W Ravenswood av, Chicago, Ill.
Alexander Car Replacer Mfg. Co., Scranton, Pa.
Buda Co. ("Buda"), Railway Exchange bldg, Chicago, Ill.
Hobart Allfree Co. ("Newton"), 37 W Van Buren, Chicago, Ill.
Johnson Wrecking Frog Co., Cleveland, O.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Reading Specialties Co., Reading, Pa.
Sargent Co. ("Sargent Berailer"), Fisher bldg, Chicago, Ill.
Track Equipment Co., Huntington, W. Va.

12368-9—Replacers (Incandescent Lamp)

Gaynor Elec. Bulb Manipulator Co., 24 Wooster, New York
Latham E. R. & Co., 4 Murray, New York
McGill Mfg. Co. ("Adaptable," Incandescent), 77 Oak, Valpariso, Ind.
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Matthews W. N. & Bro. ("Easy"), 3722 Forest Park blvd, St. Louis, Mo.
MORSE FRANK W. ("Handy"), 289 Congress, Boston, Mass.
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12370—Re-Railer (Mine Car)

American Mine Door Co., Canton, O.

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Holz Herman A., 2 Madison av, New York

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WESTINGHOUSE AIR BRAKE CO., Pittsburgh, Pa.

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Indiana Hollow Ware Co. (Enameled Iron), Jeffersonville, Ind.

12374— *Resistance Blocks

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12376—*Resistance Rods & Carbons

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
WESTINGHOUSE AIR BRAKE CO., East Pittsburgh, Pa.
See adv index at end of book

12377— Resistance Units

Allen-Bradley Co. ("Allen-Bradley"), 495 Clinton, Milwaukee, Wis.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
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Dover Mfg. Co., Dover, O.
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Industrial Controller Co. ("A. C. & D. C."), 890 Greenbush, Milwaukee, Wis.
Nichols-Lintern Co., 8404 Lorain av, Cleveland, O.
Railroad Supply Co., 203 S. Dearborn, Chicago, Ill.
Railway & Industrial Engineering Co., Peoples Bk Bldg., Pittsburgh, Pa.
Simplex Electric Heating Co. ("Simplex"), Cambridge, Mass.
Ward Leonard Electric Co., Mount Vernon, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
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Wirt Co. ("Di-El-Ite"), Germantown, Phila., Pa.

12378—Resistors (Standard)

CUTLER-HAMMER MFG. CO., (Arc Lamp), 12th & St. Paul av, Milwaukee, Wis. *See adv index at end of book*
Industrial Controller Co. ("A. C. & D. C."), 890 Greenbush, Milwaukee, Wis.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wirt Co., Germantown, Philadelphia, Pa.

12379— Resistors (Carbon)

National Carbon Co., Madison av, N W & N 117th, Cleveland, O.

12379a— Resorcinol

American Synthetic Color Co., Stamford, Conn.

12380— Respirators

See also Helmets, Smoke & Ammonia

American Thermo-Ware Co. (Of Rubber Metal), 16 Warren, New York
Barnard Machinery Co. (Automatic), Enterprise, Kan.
Chicago Eye Shield Co. ("Chicago," "Spencerian"), 2300 Warren av, Chicago, Ill.
Cover H. S. (Metal or Rubber), South Bend, Ind.
Draeger Oxygen Apparatus Co. ("Pulmotor." Mechanical), Pittsburgh, Pa.
Garnett Herbert, Box 247, Toledo, O.
Goodrich B. F. Co. (Rubber), Akron, O.
Hayward S. F. & Co. ("Westfalia" Automatic), 250 W 54th, New York
Improved Aluminum Gasco Protector Co. ("Gasco" Safety Devices for Gas, Smoke, Ammonia, etc), 1103 North av, Waukegan, Ill.
Life Saving Devices Co. ("Lungmotor" Mechanical), 710 W Madison, Chicago, Ill.
MacLeod Co., 2227 Bogen, Cincinnati, O.
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Multi Metal Separating Screen Co. ("Pulmosan"), 251 W 19th, New York
Safety First Supply Co., Hartje bldg, Pittsburgh, Pa.
Schwenker W. M., 342 E 92d, New York
Soderling Walter, Inc. ("Dustite"), 347 West Broadway, New York

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Perkins-Campbell Co., 622 B'way, Cincinnati, O.
Smith Jos. N. & Co., Detroit, Mich.
Specialty Harness Co, Dayton, Va.
Thomson Mfg. Co. ("Bow Hold Fast"), Watertown, Mass.
Western Brass Mfg. Works, Marshall blvd & W 21st, Chicago, Ill.
Wiener-Barnet Co., 328 Adams, Newark, N. J.
Woodruff Walter W. & Sons Co. Mt. Carmel, Conn.

12382— Rests (Cigar)

Grammes L. F. & Sons, Allentown, Pa.
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12383— Rests (Pipe)

Grabler Mfg. Co., Cleveland, O.
Modern Iron Works(Soil Pipe), Quincy, Ill.
Oberle J. F., 238 E 42nd, New York

12384—Rests (Violin Chin)

Estes E. B. & Sons, 364 5th av, New York
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12385— Retainers (Ball)

Bearings Company of America, ("Star") Thrust, Magneto, Radial, Cup & Cone) Lancaster, Pa.
Crosby Co., 183 Pratt, Buffalo, N. Y.
Konigslow Otto Mfg. Co., 3506 Perkins av, Cleveland, O.
New England Pressed Steel Co., Natick, Mass.
Oakes Co., The, Indianapolis, Ind.
Unique Findings & Supply Co., 36 Garnet, Providence, R. I.
Worcester Pressed Steel Co., Worcester, Mass.

12385a—*Retainers for Veneers (Patented)

Elmes Chas. F. Eng. Wks., Inc., cor Fulton & Sangamon, Chicago, Ill.
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12386—Retarders (Railroad Car)

Fairmont Mining Machy. Co., Fairmont, W. Va.

12387— Retorts (Cannery)

Seattle-Astoria Iron Works, Seattle, Wash.
Universal Engineering Co. ("Dundon's," Adapted for Fish, Meat, Fruit & Vegetables), 462 Fillmore, San Francisco, Cal.
Vance & Baker Mfg. Co. (for Fish, Cereals, Fruits, Vegetables, etc), Muscatine, Ia.

12388— Retorts (Cast Iron)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Duisdieker Fdry. & Mfg. Co. (For Glucose), Pekin, Ill.
Philadelphia Roll & Machine Co. (Steel & Iron), 25th & Washington av, Phila., Pa.
Sperry D. R. & Co., Batavia, Ill.

12389— Retorts (Chemical)

Bay State Crucible Co., Taunton, Mass.
Bethlehem Fdry. & Mach. Co., S Bethlehem, Pa.
Bridgeport Crucible Co. (Clay Lined Graphite). Bridgeport, Conn.
Devine J. P. Co., Buffalo, N. Y.
Finch Mfg. Co., Scranton, Pa.
General Ceramics Co. (Stoneware), 50 Church, New York .
Lummus Walter E. Co., 173 Milk, Boston, Mass.
Struthers-Wells Co., Warren, Pa.
See adv index at end of book
Stuart & Peterson Co. (Cast Iron), Burlington, N. J.
United States Stoneware Co. (Glazed Stoneware), Akron, Ohio

12390— Retorts (Gas)

American Refractories Co. (Silica), 208 S La Salle, Chicago, Ill.
Baltimore Retort & Fire Brick Co., cor. Nicholson, Baltimore, Md.
Borgner Cyrus Co., 234 N 23d, Philadelphia, Pa.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Chicago Retort & Fire Brick Co., Ottawa, Chicago, Ill.
DIDIER-MARCH CO. (Glover-West Vertical System, also Horizontal & Inclined Types, Water Gas Linings & Checkers), Perth Amboy, N. J.
Gardner Jas. Jr. Co., Lockport Station, Pa.
Gas Machinery Co., 1900 Euclid av, Cleveland, O
Gautier J. H. & Co. (Clay), 1 Greene, Jersey City, N. J.
Harbison-Walker Refractories Co. ("H. W. Ricon," High Silica for Coal Gas Benches & Water Gas Plants, etc); Also Fire Clay Shapes for Regenerators, Fixers, Carburetors & Checkers), Farmers' Bank bldg, Pittsburgh, Pa.
Kreischer Brick Mfg. Co., Kreischerville, S. I., N. Y.
Laclede-Christy Clay Prod. Co., Manchester & Sulphur avs, St. Louis, Mo.
Louisville Fire Brick Works, Highland Park, Louisville, Ky.
Parker-Russell Mining & Mfg. Co., Laclede Gas Light bldg, St. Louis, Mo.
Phila. Fire Brick Works, 2306 Vine, Phila., Pa.

12390a—*Retorts (Gold and Silver Melting)

KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book

12390b—*Retorts (Nitric Acid)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
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Stevens Bros., 85 Liberty, New York

12391— Retorts (Platinum)

Bishop J. & Co., Malvern, Pa.

12392—Retorts (Turpentine)

Lummus Walter E. Co., 173 Milk, Boston, Mass.
Struthers-Wells Co. (Also Wood & Alcohol), Warren, Pa.
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Walsh & Weidner Boiler Co., Chattanooga, Tenn.
See adv index at end of book

12393—Retorts (Wood Bending)

Perfection Wood-Steaming Retort Co., Parkersburgh, W. Va.

12394— Revolver Mfrs.

Ames Sword Co. ("Protector"), Chicopee, Mass.
Colt's Patent Fire Arms Mfg. Co., Hartford, Conn.
Davis-Warner Arms Co., 96 Chambers, New York
Harrington & Richardson Arms Co. ("M. & R."), Worcester, Mass.
Hopkins & Allen Arms Co. ("H. & A."), (Br. of Marlin-Rockwell Corp.), Norwich, Conn.
Johnson's Iver Arms & Cycle Works ("Iver Johnson," "Hammer the Hammer"), Fitchburg, Mass.
Meriden Fire Arms Co., Meriden, Conn.
Savage Arms Corp., Utica, N. Y.
Remington Arms-Union Metallic Cartridge, Inc. ("Deringer"), 233 B'way, New York
Sedgley R. F. ("Baby" Hammerless), 2311 N 16th, Phila., Pa.
Smith Otis A., Rockfall, Conn.
Smith & Wesson, Springfield, Mass.
Stevens J. Arms & Tool Co., Chicopee Falls, Mass.

12395— Rheostats

Allen-Bradley Co. ("Allen-Bradley" Motor, Starting Speed Regulator, Battery, Charges, Lamp Dimmers, Field & Laboratory Rheostats, etc), 495 Clinton, Milwaukee, Wis.
Anderson C. J. & Co., 212 W Austin av, Chicago, Ill.
Automatic Switch Co., 4 White, New York
Bennett-O'Connell Co., 3600 So. Morgan, Chicago, Ill.
Campbell Elec. Co., 17 Stewart, Lynn, Mass.
Crown Rheostat & Supply Co., 15 S Desplaines, Chicago, Ill.
Cushman Electric Co. (Compound Starting & Regulating), Concord, N. H.
CUTLER-HAMMER MFG. CO. (For all Purposes), 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Darrin D. H. ("The Whittingham"), 4 White, New York
D. & D. Elec. Co., 53 W 3rd, New York
Detroit Fuse & Mfg. Co. (Motor Starting), **1400 Rivard, Detroit, Mich.**
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*
GENERAL ELECTRIC CO. (for Generators, Motors & Projectors), Schenectady, N. Y.
See adv index at end of book
HERCULES POWDER CO. ("Hercules") Blasting Machine Tester) Wilmington, Del. *See adv index at end of book*
Industrial Controller Co. ("A. C. & D. C." Motor Starting, etc), 890 Greenbush, Milwaukee, Wis.
International Instrument Co. (Water), 23 Church, Cambridge, Mass.
Jewell Elec. Co., Munsey Bldg., Baltimore, Md.
Knoeller Electric Co., De Pere, Wis.
Knott L. E. Apparatus Co. (Lamp Resistance with Units, also Plug Resistance Boxes), 79 Amherst, Cambridge, Mass.
Leonard-Bundy Electric Co., Cleveland, O.
Lincoln Electric Co., 149 Broadway, N. Y., 38th & Kelly av, Cleveland, O.
Lockport Chemical Works (Crown), Lockport, Ill.
McIntosh Battery & Optical Co. (Cautery, etc), 217 N Desplaines, Chicago, Ill.
Monitor Controller Co. (Automatic Motor Starting), 514 E Lombard, Baltimore, Md.
National Electric Controller Co., 154 Whiting, Chicago, Ill.
Northern Eng'ng Works, 120 Liberty, New York
Rowan Controller Co., 308 N Holliday, Baltimore, Md.
Schaeffer Bros. Co., 1059 W 11, Chicago, Ill.
Simplex Electric Heating Co. ("Simplex"), Cambridge, Mass.
Sundh Electric Co., Ave C & Parkhurst, Newark, N. J.
Taigman M., 462 W Broadway, New York
Troy Electrical Co., Troy, N. Y.
Universal Stage Ltg. Co., 240 W 150th, New York
Union Elec. Mfg. Co., 110 Reed, Milwaukee, Wis.
Vesta Accumulator Co. ("Vesta," Charging for Automobiles, etc.), 2100 Indiana av, Chicago, Ill.
Wagner Elec. Mfg. Co., 6400 Plymouth, St. Louis, Mo.
Ward Leonard Electric Co., Mount Vernon, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wirt Co. ("Dim-a-Lite"), Germantown, Philadelphia, Pa.

12396—Rheostats (Battery Charging)

Allen-Bradley Co. ("Allen-Bradley"), 495 Clinton, Milwaukee, Wis.
Badt-Westburg Electric Co., 53 W Jackson blvd, Chicago, Ill.
Bell & Howell Co. (Inductor Compensator), 1803 Larchmont av, Chicago, Ill.
Clark Electric Meter Co., 215 S. Clinton, Chicago, Ill.
CUTLER-HAMMER MFG. CO., 12th & St. St. Paul av, Milwaukee, Wis.
See adv index at end of book
Enterprise Optical Mfg. Co. (For Moving Pictures), 564 W Randolph, Chicago, Ill.
Fairbanks-Morse Electrical Mfg. Co., Indianapolis, Ind.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hallberg J. H. (Economizer for Moving Pictures), 1604 B'way, New York
Industrial Controller Co., 890 Greenwich, Milwaukee, Wis.
Leonard-Bundy Electric Co., Cleveland, O.
Marcuson E. ("Withan"), 136 Liberty, New York
Simplex Electric Heating Co. ("Simplex"), Cambridge, Mass.
Union Electric Mfg. Co., 110 Reed, Milwaukee, Wis.
Ward Leonard Electric Co., Mount Vernon N. Y.
Western Electric Co., 463 West, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

12397— Rheostats (Field)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.
National Electric Controller Co., 154 Whiting, Chicago, Ill.
Union Electric Mfg. Co., 110 Reed, Milwaukee, Wis.
Ward Leonard Electric Co. (Generator), Mount Vernon, N. Y.
WESTINGHOUSE ELECTRIC & MFG CO., East Pittsburgh, Pa.
See adv index at end of book

12398—*Rheostats (Meter Testing)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

12399—Rheostats (Motor Charging, Starting & Speed Controlling)

See also Rheostats
Allen-Bradley Co. ("Allen-Bradley"), 495 Clinton, Milwaukee, Wis.
ALLIS-CHALMERS MFG. CO. (Auto-Starters), Milwaukee, Wis.
See adv index at end of book
Automatic Switch Co. ("Wittingham"), 4 White, New York
Badt-Westburg Electric Co., 53 W Jackson blvd, Chicago, Ill.
Barkelew Electric Mfg. Co., Middletown, Ohio
CUTLER-HAMMER MFG. CO. ("Schureman"), 12th & St. Paul av, Milwaukee, Wis. *See adv index at end of book*
ELECTRIC CONTROLLER & MFG. CO. ("Dinkey" Starting & Controlling Only), Cleveland, O.
See adv index at end of book
Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.
See adv index at end of book
Lincoln Electric Co., Cleveland, O.

RHEOSTATS (MOTOR CHARGING, ETC.)—continued

Monitor Controller Co., 514 E Lombard, Baltimore, Md.
New York Electric Controller Co., 35 Rose, New York
Reno-Kaetker Electric Co. ("Reliance"), 41 Main, Cincinnati, O.
Schaefer Bros. Co., 1059 W 11th, Chicago, Ill.
Simplex Electric Heating Co. ("Simplex"), Cambridge, Mass.
Triumph Electric Co., Oakley, Cincinnati, O. *See adv index at end of book*
Union Electric Mfg. Co., 110 Reed, Milwaukee, Wis.
Ward Leonard Electric Co., Mount Vernon, N. Y.
WESTINGHOUSE ELECTRIC MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

12400-1— Rheostats (Stage Dimming)

Allen-Bradley Co., 495 Clinton, Milwaukee, Wis.
Badt-Westburg Electric Co. (Inc.), 53 W Jackson blvd, Chicago, Ill.
CUTLER-HAMMER MFG. CO. ("Simplicity"), 12th & St. Paul av, Milwaukee, Wis. *See adv index at end of book*
Industrial Controller Co. ("A. C. & D. C."), 890 Greenbush, Milwaukee, Wis.
Universal Electric Stage Lighting Co. ("Kliegl"), 240 W 50th, New York
Ward Leonard Electric Co., Mt. Vernon, N. Y.
Wirt Co., Germantown, Phila., Pa.

12402—Ribbon Cutting Machines

Cameron Machine Co., 61 Poplar, Brooklyn, N. Y. *See adv index at end of book*

12402a—Ribbon (Resistance Nickel & Nickel Alloy)

Electrical Alloy Co. ("Lucero"), Morristown, N. J.

12403— Ribbon (Sash)

Caldwell Mfg. Co. ("Acme" Aluminum, Brass, Bronze & Steel), Rochester, N. Y.
Gardner Sash Pulley Co. ("Gardner's" Steel), 15 N Jeff., Chicago, Ill.

12404— Rice Mills

ARKANSAS.

CARLISLE—Carlisle Rice Mill Co.
DE WITT—De Witt Rice Mill Co.
LONOKE—Lonoke Rice Mill Co.
STUTTGART—Stuttgart Rice Mill Co.
WHEETLEY—Wheetley Rice Mills

CALIFORNIA.

SAN FRANCISCO—North American Mercantile Co., 330 Front

HAWAII.

HONOLULU—Walker H. E.

LOUISIANA.

ABBEVILLE—Steen Rice & Cotton Mill Co.
United Irrigation & Rice Milling Co. (See New Orleans)
CROWLEY—American Rice Milling Co.
Louisiana State Rice Milling Co.
Standard Milling Co. (See Houston, Tex.)
ESTERWOOD—United Irrigation & Rice Milling Co. (See New Orleans, La.)
FENTON—Mills I. J. & Sons
GUEYDAM—United Irrigation & Rice Milling Co. (See New Orleans, La.)
IOTA—La. State Rice Milling Co. (See New Orleans, La.)
LAKE ARTHUR—La. State Rice Milling Co. (See New Orleans, La.)
LAKE CHARLES—Lake Charles Rice Milling Co. (of Louisiana)
Wall Rice Packing Co. Ltd. (See New Orleans, La.)
NEW ORLEANS—Empire Rice Milling Co., Ltd., 1676 Tchoupitoulas
Levy Rice Milling Co. 448 Julia
La. State Rice Milling Co., L. & L. & G. bldg. Works: Lake Arthur, La.
Rickert's Rice Mills, 210 Girod
Socola Rice Milling Co., 600 Decatur
Southern Rice Milling Co., 325 N. Peters
United Irrigation & Rice Milling Co.
Wall Rice Packing Co. (Ltd.)

NORTH CAROLINA.

GOLDSBORO—Carolina Rice Mills

OREGON.

PORTLAND—Portland Rice Milling Co.

SOUTH CAROLINA.

CHARLESTON—West Point Mill Co.
WAVERLY MILLS—Waverly Supply Co.

TENNESSEE.

MEMPHIS—Memphis Rice Mill

TEXAS.

BAY CITY—Bay City Rice Milling Co.
BEAUMONT—Atlantic Rice Mills Co.
Beaumont Rice Mills
McFaddin Rice Milling Co.
EAGLE LAKE—Eagle Lake Rice Milling Co.
International Rice Mills, Co.
GALVESTON—Seaboard Rice Milling Co.
GANADO—Ganado Mill & Elevator Co.
HOUSTON—Alliance Rice Milling Co.
Industrial Rice Mill Co.
Pritchard Rice Milling Co.
Standard Milling Co.
Texas Rice Mills
ORANGE—Orange Rice Mill Co.
PORT ARTHUR—Port Arthur Rice Milling Co.

12405—*Rice Powder (Bird)

HERCULES POWDER CO., Wilmington, Del. *See adv index at end of book*

12406—Rice Shoes (Brewers')

Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

Rickerts (Hay)

See Rakes, Sweep, etc

12407— Riddles (Foundry)

See also Riddles & Sieves

Berkshire Mfg. Co. ("Berkshire" Rotary), Whitney Power bldg, Cleveland, O.
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.
Champion Foundry & Machine Co., 2435 W 14th, Chicago, Ill.
Combined Supply & Equipment Co., 766 Grant, Buffalo, N. Y.
Federal Foundry Supply Co., 2639 E 79th, Cleveland, O.
Great Western Mfg. Co. ("Combs" Gyratory), Leavenworth, Kans.
Hall-Holmes Mfg. Co. ("Grand"), Jackson, Mich.
Hanna Engineering Works ("Hanna"), 1764 Elston av, Chicago, Ill.
Hill & Griffith Co., 1262 State, Cincinnati, O.; & Birmingham, Ala.
See adv index at end of book
Jelliff C. O. Mfg. Corp. ("Neversag"), Southport, Conn.
Newark Wire Cloth Co., 222 Verona av, Newark, N. J.
See adv index at end of book
Obermayer S. Co., 2563 W 18th, Chicago, Ill.
Paxson J. W. Co., 1021 N Delaware av, Phila., Pa.
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Smith John P. & Co., New Haven, Conn.
Stevens Frederick B., 3d & Larned, Detroit, Mich.
Taylor & Dean, Penn av & 25th, Pittsburgh, Pa.
TYLER W. S. CO., Cleveland O.
See adv index at end of book
Waterbury Welding Co. ("A I C"), Waterbury, Conn.
Woodison E. J. Co., Detroit, Mich.
Worthington Pump & Machinery Corp. (Steam, Pneumatic or Electric), 115 B'way, New York
See adv index at end of book

12408— *Riddles (Miners')

TYLER W. S. CO., Cleveland, O.
See adv index at end of book

12409— Riddles & Sieves

Brand S. H. Co. (Nickel Plate), 559 W Lake, Chicago, Ill.
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.
Darby Edward & Sons Co., 239 Arch, Phila., Pa.
Dufur & Co., 311 N Howard, Baltimore, Md.
ERDLE PERFORATING CO. 181 York, Rochester, N. Y.
See adv index at end of book
Estey Wire Works Co., 34 Cliff, New York
See adv index at end of book
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Howard & Morse, 46 Fulton, New York
Jelliff C. O. Mfg. Corpn., Southport, Conn.
Kraft A. C., 323 W Lake, Chicago, Ill.
Ludlow-Saylor Wire Co., Newstead av cor Wabash R R, St. Louis, Mo.
MEYERS FRED J. MFG. CO., Hamilton, O.
See adv index at end of book
Morss & Whyte Co., Sidney & Pilgrim, Cambridge, Mass.
Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Phoenix Wire Works, Detroit, Mich.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Taylor & Dean, Penn av & 25th, Pittsburgh, Pa.
Tristram Jas. J., Rockville Centre, N. Y.
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
WRIGHT WIRE CO. ("Excelsior" Steel, Brass, etc.), Worcester, Mass.
See adv index at end of book

12410—Ridge Roll (Plain or Corrugated)

Berger Mfg. Co. (Also Ornamental), Canton, O.
Brier Hill Steel Co., Youngstown, O.
Canton Art Metal Co., Canton, O.
Conner Chas. H. & Co., Louisville, Ky.
Decatur Cornice & Roofing Co., New Decatur, Ala.
Dowman-Dozier Mfg. Co., Atlanta, Ga.
East Birmingham Iron Roofing Co., Birmingham, Ala.
Florida Metal Products Co., Jacksonville, Fla.
Gedge Bros. Iron Roofing Co., Anderson, Ind.
Globe Iron Roofing & Corrugating Co., Newport, Ky.
Kanneberg Roofing & Ceiling Co., Canton, O.
Klauer Mfg. Co. Dubuque, Ia.
Lupton's David Sons Co., E Allegheny & Tulip, Phila., Pa.
Lyon, Conklin & Co. (Plain), 19 Balderston, Baltimore, Md.
Messenger Parks Mfg. Co., Aurora, Ill.
New Orleans Roofing & Metal Works, Cortez & Orleans, New Orleans, La.
Newport Rolling Mill Co., Newport, Ky.
Ohio Corrugating Co., Warren, O.
Reeves Mfg. Co., Dover, O.
Tiffin Art Metal Co., 20 Broad, Tiffin, O.
Whitaker-Glessner Co., Wheeling, W. Va.

12411—Ridgers (Asparagus)

Bateman Mfg. Co. ("Iron Age" Riding), Grenloch, N. J.

12412— Rifflers

See Also File & Rasp Mfrs.

Disston Henry & Sons, Tacony, Phila., Pa.
Dixon Wm. (Imp.), 39 John, New York
Montgomery & Co. ("Grobet," Imp.), 105 Fulton, New York

12413— Rifles (Air)

Benjamin Air Rifle Mfg. Co., St. Louis, Mo.
Daisy Mfg. Co. ("Daisy"), Plymouth, Mich.
Kohler Die & Specialty Co., De Kalb, Ill.
Markham Air Rifle Co., Plymouth, Mich.
Quackenbush H. M., Herkimer, N. Y.

12413a— Rifles (Dummy)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

12414— Rifles, Guns, Etc.

Ames Sword Co. ("Protector" Revolvers), Chicopee, Mass.
Baker Gun & Forging Co., Batavia, N. Y.
Butler Mfg. Co., Indianapolis, Ind.
Colt's Patent Fire Arms Mfg. Co. (Automatic Pistols, Rapid Fire Machine Guns & "Bene-Mereier" Rifles), Hartford, Conn.
Crescent Fire Arms Co. (Single & Double Barrel Shot Guns), Norwich, Conn.
Davis-Warner Arms Co. ("Davis" Shot Guns), 96 Chambers, New York
Detroit Auto Piston Co., 180 John R., Detroit, Mich.
Driggs Mfg. Corp. (Rapid Fire Machine Guns), New Haven, Conn.
Folsom H. & D. Arms Co. (Shot Guns, Rifles, etc), 314 B'way, New York
Fox A. H. Gun Co. ("A. H. Fox" Guns), 4700 N 18th, Phila., Pa.
General Ordnance Co. (Aeroplane), Derby, Conn.
Hamilton C. J. & Son (22 Powder Guns), Plymouth, Mich.
Harrington & Richardson Arms Co. (Guns & Pistols), Worcester, Mass.
Hartley M. Co. (Shot Guns, Rifles, etc), 233 B'way, New York
Hopkins & Allen Arms Co. (Br. of Marlin-Rockwell Corp.) (Revolvers, Rifles & Shot Guns), Norwich, Conn.
Hunter Arms Co. ("L. C. Smith" "Smith," "Fulton" Shot Guns, Hammerless & Hammer Breech Loading Guns), Fulton, New York
Ithaca Gun Co. ("Ithaca" Hammer & Hammerless Double Shot Guns), Ithaca, N. Y.
Johnson's Iver, Arms & Cycle Works, Fitchburg, Mass.
Marble Arms & Mfg. Co. ("Marble's" Game Getter), Gladstone, Mich.
Marlin-Rockwell Division ("Marlin" Repeating Rifles & Shot Guns), New Haven, Conn.
Meriden Fire Arms Co. ("A. J. Aubrey" & "Meriden," Shot Guns, Rifles & Revolvers), Meriden, Conn.
New England Westinghouse Co., Chicopee, Mass.
Newton Arms Co., 7 Brewster, Buffalo, N. Y.
Parker Bros. ("Parker" Shot Guns), Meriden, Conn.
Remington Arms-Union Metallic Cartridge Co., Inc. (Shot Guns, Repeating & Auto Loading), 233 B'way, New York
Savage Arms Corp. (Also Mfgs. "Lewis" Machine Guns & "Savage" Automatic Pistol), Utica, N. Y.
Sedgley R. F., 2311 N 16th, Phila, Pa.
Stevens J. Arms Co. (Rifles, Pistols, Shot Guns, etc.), Chicopee Falls, Mass.
Symington-Anderson Co., Rochester, N. Y.
Winchester Repeating Arms Co. ("Winchester"), New Haven, Conn.

12415— Rifles (Scythe)

Emmons E. G., West Morris, Conn.

12416—Rig Irons (Oil & Gas Well)

LUCEY MFG. CORP., 233 B'way, New York
For branch offices see Alphabetical Section
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Parkersburg Rig & Reel Co., Parkersburg, W. Va.
Union Tool Co. ("Ideal," "Standard"), Torrance, Cal.

12417— Rims (Automobile)

American Tube & Stamping Co. (Cylinder, etc), Bridgeport, Conn.
Cumberland Valley Spoke & Bending Co., Hagerstown, Md.
Dahl Punctureless Tire Co. (Tire Rims, etc), 1424 Hennepin av, Minneapolis, Minn.
Dorian Remountable Rim Co. (Remountable), 223 W 53d, New York
Eberly & Orris Mfg. Co. Mechanicsburg, Pa.
Eureka Bending & Wheel Works, York, Pa.
Firestone Tire & Rubber Co. ("Firestone" Automobile Truck), Akron, O.
General Rim Co., Swetland bldg, Cleveland, O.
Graham Thos. & Co. (Hickory & Oak), Madison, Ind.
Hinkel J. K. Mfg. Co., Mechanicsburg, Pa.
Hoyt John Co. (Wood), Delaware, N. J.
K. & C. Mfg. Co. (Wood), Henniker, N. H.
Lebzelter P. & Son Co. (Hickory, Oak & Ash), Lancaster, Pa.
Michelin Tire Co., Milltown, N. J.
Minton T. W. & Son, Barbourville, Ky.
Mott Wheel Works, Jackson, Miich.
Presto Inner Rim Co., 320 Newberry, Boston, Mass.
Smith A. O. Co. (Steel), Milwaukee, Wis.
Smith Erwin & Co., York, Pa.
STANDARD PARTS CO. (Plain Clincher, Straight Side Detachable & Demountable), Cleveland, O.
See adv index at end of book
Tucker Woodwork Co. (Wood), Sidney, O.
Weston-Mott Co., Flint, Mich.
Williams J. H. & Co., 31 Richards, Brooklyn, N. Y. *See adv index at end of book*
Williams Steel Wheel & Rim Co., Utica, N. Y.

12418—Rims (Bicycle & Motor Cycle)

American Wood Rim Co. ("Lobdell" Wood Rim), Onaway, Mich.
Mott Wheel Works, Jackson, Mich.
STANDARD PARTS CO. (Steel), Cleveland, O. *See adv index at end of book*
Williams Steel Wheel & Rim Co., Utica, N. Y.

12419— Rims (Mirror)

National Sheet Metal Co. ("Nicolene"), Peru, Ill.

12420— *Rims (Motor Truck)

STANDARD PARTS CO., Cleveland, O.
See adv index at end of book

12421—Rims (Sieve & Riddle)

Beverstock O. D. Co., Keene, N. H.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Michigan Bent Rim & Basket Mfg. Co., Lowell, Mich.

12422— Rims (Wood)

For Bicycles, Motor Cycles, Aeroplanes, etc

American Wood Rim Co., Onaway, Mich.
Detroit Auto Dash Co., 519 Beaubien, Detroit, Mich.
Rastetter Louis & Sons (Bicycle & Auto Steering Wheels), Ft. Wayne, Ind.
Tucker Woodwork Co., Sidney, O.

12423—Rims & Felloes (Carriage & Wagon Wheel)

Ahr & Rost Co., Cincinnati, O.
Ames Bending Co., Celina, O.
Avoca Wheel Co., Avoca, N. Y.
Baltimore Hub-Wheel Mfg. Co., Fallsway & Gay, Baltimore, Md.
Breece Mfg. Co., Portsmouth, O.
Browne J. A. & Co., North Manchester, Ind
Buckley John Hub, Spoke & Wheel Co., 969 N 2d, Phila., Pa.
Campbell M. R., Tullahoma, Tenn.
Campbell & Dann Mfg. Co., Tullahoma, Tenn.
Carrier Lumber & Mfg. Co., Sardis, Miss.
Chancellor S. D., Wilmington, O.
Coopersburg Bending Works, Coopersburg, Pa.
Crane & MacMahon ("Star"), 10 Bridge, New York
Cumberland Valley Spoke & Bending Co., Hagerstown, Md.
Dann Bros. & Co., New Haven, Conn.
Doles Edwin E., Greensburg, Ind.
Donges John & Co., Hamilton, O.
Eberly & Orris Mfg. Co., Mechanicsburg, Pa.
Empire Bending Works, Lancaster, Pa.
Eureka Bending & Wheel Works, York, Pa.
Fort Smith Rim & Bow Co., Fort Smith, Ark.
Fuss J. C., Kauffman, Pa.
Galloway Kennedy Co., Clarendon, Ark.
Gillette, E. A. & Sons, Charlestown, Boston, Mass.
Gillette C. H., Indianapolis, Ind.
Graham Thos. & Co., Madison, Ind.
Hanover Bending & Mfg. Co., Hanover, Pa.
Hartzell Geo. W., Dayton, O.
Heiser J. B. (Buggy), Atwater, O.
Hice Mfg. Co., Johnson City, Tenn.
Hinkel J. K. Mfg. Co. (Carriage, Truck & Auto), Mechanicsburg, Pa.
Holt Bros. Mfg. Co., Concord, N. H.
Hoopes Bro. & Darlington, West Chester, Pa.
Hoyt John Co., Delaware, N. J.
Jerome Henry, Worcester, Mass.
Jones Phineas & Co., 305 Market, Newark, N. J.
K. & C. Mfg. Co., Henniker, N. H.
Kentucky Rim & Shaft Co., Louisville, Ky.
Kerr L. S. D., Frenchtown, N. J.
Kohler F. F., South Zanesville, O.
Koller J. B. & Co., Mechanicsburg, Pa.
Lamb-Fish Lumber Co., Charleston, Miss.
Lebzelter Phillip & Son Co., Lancaster, Pa.
Leippe's Jacob A. Sons, Reading, Pa.
Look & Lincoln, Marion, Va.
Manchester Mfg. Co., Manchester, Tenn.
Medina Bending Works, Medina, O.
Ness Bros. & Co., York, Pa.
Ohio Spoke & Bending Co., Botkins, O.
Owensboro Wagon Co., Owensboro, Ky.
Petersburg Rim & Veneer Co., Petersburg, Va.
Phipps J. H. Lumber Co., Fayetteville, Ark.
Pioneer Pole & Shaft Co., Piqua, O.
Shepard H. G. & Sons, New Haven, Conn.
Skinner J. M. Bending Co., Toledo, O.
Sligo Iron Store Co., 6th & O'Fallon, St. Louis, Mo.
Smith, Ervin & Co., York, Pa.
Southern Wheel Stock Co., Ironton, O.
Standard Wheel Co., Terre Haute, Ind.
Stevens A. E. & Co., Portland, Me.
Syze J. F., Yorktown Heights, N. Y.
Tucker Woodwork Co., Sidney, O.
Turnbull Wagon Co. (Wagon Wheels), Defiance, O.
Union Bending Works, Collins, O.
Union Spoke & Bending Co., Union City, Ind.
Vehicle Supply Co., Cairo, Ill.
Von Behren Mfg. Co., Evansville, Ind.
West Falmouth Mfg. Co., West Falmouth, Me.
Wheel & Wood Bending Co., Bridgeport, Conn.
Wildermuth Bending Co., Columbus, O.
Winchester Lumber Co., Winchester, O.

12424—Rims & Rings (Pan Grinder)

Railway Steel Spring Co. ("Muller"), 30 Church, New York

12425— Ringers (Bell)

U. S. E. M. Co. (Potentiostat Sets), 301 W 37th, New York

12426— Ringers (Fire Bell)

Gamewell Fire Alarm Telegraph Co., Newton Upper Falls, Mass.
U. S. E. M. Co. (Potentiostat Sets), 301 W 37th, New York
Walsh Safety Lock Snap Co. ("O'Brien," Foot Power, for Fire Apparatus), Bellevue, O.

12427-8— Ringers (Hog)

See also Rings, Hog & Bull

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Decker Mfg. Co. ("Hill's," "Brown's"), Keokuk, Ia.
Fischer & Flohr, Bucyrus, O.
Harbeck & Neuhaus ("Dr. Miller's Never Root"), Davenport, Ia.
Heesen Bros. Co. ("Wolverine"), Tecumseh, Mich.
Landers, Frary & Clark, New Britain, Conn.
Pratt Wm. E. Mfg. Co. ("Perfect"), 35 W Lake, Chicago, Ill.
Smith F. P. & Co. ("Hill," "Blair"), Sharon Hill, Pa.
Stearns E. C. & Co. ("Stearns" Perfect Pat'n), 450 Oneida, Syracuse, N. Y.
Williams A. C. Co., Ravenna, O.

12429— Rings (Air Brake)

Johns H. W.-Manville Co. (Expander), Madison av & 41st, New York

12430-1— Rings (Arcing)

Locke Insulator Mfg. Co. ("Nicholson"), Victor, N. Y.

12432— Rings (Band)

Grabler Mfg. Co., Cleveland, O.

12433—Rings (Beer Keg Washer)

Gutta Percha & Rubber Mfg. Co., 126 Duane, New York

12434—Rings (Beetle Post, Etc.)

Columbus Anvil & Forging Co., Columbus, Ohio
Hay-Budden Mfg. Co., 254 N Henry, Brooklyn, N. Y.
Martin Sam'l Co., 81 Adams, B'klyn, N. Y.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Sidney Hollowware Co., Sidney, O.

12435— Rings (Bobbin)

Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Stephenson Mfg. Co., South Bend, Ind.

12436— Rings (Box)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Turner & Seymour Mfg. Co., Torrington, Conn.

12437— Rings (Brass)

American Ring Co., Waterbury, Conn.
Grammes L. F. & Sons (Plain Screws), Allentown, Pa.
See adv index at end of book
HENDRYX ANDREW B. CO., New Haven, Conn.
See adv index at end of book
Turner & Seymour Mfg. Co., Torrington, Conn.
U. S. Indestructible Gasket Co. (Also Copper), Church & Fulton, New York
See adv index at end of book

Rings (Breeching)

See Rings, Harness

12438— Rings (Bridle)

Brooks M. S. & Sons, Chester, Conn.
Cameron Appliance Co., 48 Waters av, Everett, Mass.
Chicago Expansion Bolt Co. ("Chicago"), 111 N Jefferson, Chicago, Ill.
DIAMOND EXPANSION BOLT CO. ("Standard" & "D-X"), 89 West, New York *See adv index at end of book*
Hubbard & Co., Pittsburgh, Pa.
Judd H. L .& Co., 87 Chambers, New York
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Parker Wire Goods Co. (Or Distributing), Worcester, Mass.
Petingell-Andrews Co., 511 Atlantic av, Boston, Mass.
STAR EXPANSION BOLT CO. ("Star," also "Star" Corner Brace Bridle Rings), 147 Cedar, New York
Steward & Romaine Mfg. Co., 124 N 6th, Phila., Pa.

Rings (Carbon Packing)

See Carbon Mfrs.

12439— Rings (Chemical)

See also Stoneware Chemical
Laclede-Christy Clay Products Co., Manchester & Sulphur av, St. Louis, Mo.

12440—Rings (Cigar Gauge)

Grammes L. F. & Sons, Allentown Pa.
See adv index at end of book

12441— Rings (Clinch)

Eberhard Mfg. Co., Cleveland, O.
Galbraith C. C. & Son, 49 West, New York
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.
Marine Hardware & Equipment Co., S Portland, Me.
Neptune Hardware Mfg. Co., 54 South, New York
Rhode Island Tool Co., Providence, R. I.
Wilcox, Crittenden & Co. (Wrought & Malleable), Middletown, Conn.

12442— Rings (Commutator)

Electric Service Co. ("Formica")', 12th & Madison, Cincinnati, O.
Hemming Mfg. Co., Garfield, N. J.

12442a—*Rings (Copper, For Projectiles)

Standard Parts Co., Cleveland, O.
See adv index at end of book

12443— Rings (Crusher)

Standard Steel Works Co., Morris bldg, Phila., Pa.

12444—Rings (Curtain & Drapery Pole)

American Pin Co. ("Ampinco"), Waterbury, Conn.
American Ring Co., Waterbury, Conn.
Berbecker & Rowland Mfg. Co. (Brass Curtain Fixtures), Waterville, Conn.
Estes E. B. & Sons (Wood), 364 5th av, New York. *See adv index at end of book*
Grammes L. F. & Co., Allentown, Pa.
See adv index at end of book
Hobbs Mfg. Co., Worcester, Mass.
Judd H. L. Co., 87 Chambers, New York
Parker Wire Goods Co. (Brass), Worcester, Mass.
Reynolds Mfg. Co., West Toledo, O.
Turner & Seymour Mfg. Co. (Brass), Torrington, Conn.

12445— Rings (Distributing)

Hallett Iron Works ("Hallett" Pole), Harvey, Ill.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.

12446—Rings (Electric Lamp Socket)

Dickinson Mfg. Co., Springfield, Mass.
Goodrich B. F. Co. (Rubber), Akron, O.
Hemming Mfg. Co., Garfield, N. J.

12446a—*Rings (Embroidery)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

12447— Rings (Filter Press)

Moore S. L. & Sons, Elizabeth, N. J.

12448— Rings (Flush)

Brass Goods Mfg. Co. (Cast Brass), 533 Union, Brooklyn, N. Y.
Peck, Stow & Wilcox Co. (Cast Brass), Southington, Conn.
Reading Hardware Co. (Cast Brass), Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co. (Cast Brass & Bronze), New Haven, Conn.
Stanley Works (Drawer), New Britain, Conn. *See adv index at end of book*

Rings (Fruit Jar)

See Rubbers, Fruit Jar

12449-50—Rings (Furnace Casing)

XXth Century Htg. & Ventg. Co., Akron, Ohio
Walworth Run Foundry Co. ("Never-Break," Steel), 2488 W 27th, Cleveland, Ohio

12451— Rings (Grommet)

Marine Hardware Equipment Co. ("Acme" & "Merco"), South Portland, Me.
Read A. P. Co., 568 W Washington, Chicago, Ill.
Wilcox, Crittenden & Co. (Malleable Iron Galvanized), Middletown, Conn.

12452— Rings (Gymnasium)

Auer John, Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Wilcox, Crittenden & Co., Middletown, Conn.

12452a— Rings (Harness)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

12453—Rings (Harness, Bone)

Kyoto Mfg. & Trading Co., 31 E 17th, New York
Randolph Wm. C. (Also Ivory), 243 Arch, Phila., Pa.

12454—Rings (Harness, Composition)

Duranoid Mfg. Co., 213 Chestnut, Newark, N. J.
North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.
Rogers & Hubbard Co., Middletown, Conn.

12455—Rings (Harness, Iron)

American Mfg. Co., Chattanooga, Tenn.
Colton Mfg. Co., Montpelier, Vt.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Covert Saddlery Works, Interlaken, N. Y.
Fitch W. & E. T. Co., New Haven, Conn.
Frazer & Jones Co., Syracuse, N. Y.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Hobbs Mfg. Co., Worcester, Mass.
North & Judd Mfg. Co. ("Anchor Brand," Iron, Steel & Brass), New Britain, Conn.
Sargent & Co., New Haven, Conn.

12456—Rings (Harness, Rubber)

Rubber & Celluloid Harness Trimming Co., 56 Ferry, Newark. N. J.

12457— Rings (Hatch)

Superior Iron Works Co., Superior, Wis.

12458— Rings (Hinge)

Grabler Mfg. Co. (Extension, etc), Cleveland, O.

12459— Rings (Hitching)

Auer Jno. Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.
Brewer Bros. Co. (Wrought, Screw, Drill or Lead, etc), 614 Filbert, Phila., Pa.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Hay-Budden Mfg. Co., 254 N Henry, Brooklyn, N. Y.
Jencks E. Mfg. Co. (Wrought), Worcester, Mass.
Landers, Frary & Clark, New Britain, Conn.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Morgan Spring Co., Worcester, Mass.
Parker Wire Goods Co. (Also on Plate & with Bolt & Nut), Worcester, Mass.
Peck, Stow & Wilcox Co. (Wrought), Southington, Conn.
Sargent & Co. (Wrought), New Haven, Conn.
Steward & Romaine Mfg. Co., 124 N 6th, Phila., Pa.
Swett A. L. Iron Works, Medina, N. Y.
Wire Goods Co. (Wrought), Worcester, Mass.

12460— Rings (Hog & Bull)

See also Ringers, Hog
Ajax Metal Co. (Plumbic Bronze), 46 Richmond, Phila., Pa.
Chambers, Bering, Quinlan Co. ("Browns," "Wolverine" Hog), Decatur, Ill.
Decker Mfg. Co. ("New Idea" Self-Piercing), Keokuk, Ia.
Fischer & Flohr, Bucyrus, O.
Heesen Bros. Co. ("Hills," "Blair," "Major," "Wolverine" Hog), Tecumseh, Mich.
Landers, Frary & Clark (Copper Bull Only), New Britain, Conn.
Morgan Spring Co. ("Eclipse"), Worcester, Mass. *See adv index at end of book*
Peck, Stow & Wilcox Co., Southington, Conn.
Pratt Wm. E. Mfg. Co. ("Perfect," "Hill," "Blair," "Brown," "Major," "Wolverine," "Rea's" Self-Piercing Bull), 35 W Lake, Chicago, Ill.
Sargent & Co., New Haven, Conn.

Smith F. P. & Co. ("Hill," "Blair," Copper & Galvanized, Cast & Malleable Iron), Sharon Hill, Pa.
Smith Seymour & Son (Bull Only), Oakville, Conn.

12460a— *Rings (Hoist)

Morgan Spring Co. (Hitching), Worcester, Mass. *See adv index at end of book*

12461—Rings (Hollow Screw)

Berbecker & Rowland Mfg. Co. (Brass), Waterville, Conn.
Grammes L. F. & Sons, Allentown, Pa. *See adv index at end of book*

12462— Rings (Key)

Billings & Spencer Co. ("Billing's"), Hartford, Conn.
Boettiger Louis A. Co., 48 Leonard, New York
Browne & Dowd Mfg. Co. ("Reliable" Puzzle, Clasp, "Joker"), Meriden, Conn.
Coe Mfg. Co. (Steel Ball Key Rings), 35 Warren, New York
Graham & Berwin (Imported), 107 Lafayette, New York
Grammes L. F. & Sons, Allentown, Pa. *See adv index at end of book*
Hammond E. L. & Son, Sayre, Pa.
Individual Key Ring Co. (Individual), Hartford, Conn.
Morden Mfg. Corporation ("Morden Perfect"), Waterbury, Conn.
Niagara Falls Metal Stamping Works "Flexible," "Split Steel"), Niagara Falls, N. Y.
Noble F. H. & Co. (Keyredic), 555 W 59th, Chicago, Ill.
Smith & Egge Mfg. Co. (Chain & Ring), Bridgeport, Conn.
Snow & Petrelli Mfg. Co., New Haven, Conn.
Spaulding D. S. (Silver), Mansfield, Mass.
Williamson C. T. Wire Novelty Co., Badger av, Newark, N. J.

12463— Rings (Lap)

Collins Hilton Co., Louisville, Ky.
Columbus Handle & Tool Co. (Lap Links & Rings), Columbus, Ind.

12464—Rings (Leather Shafting)

Graton & Knight Mfg. Co. ("G. & K."), Worcester, Mass.

12465— Rings (Locker)

Jencks E. Mfg. Co., Worcester, Mass.
Morgan Spring Co., Worcester, Mass. *See adv index at end of book*

12466—Rings (Marble Polishing)

Royden Marble Machinery Co. ("Royden" Polish Rings), 137 E 25th, New York

12467— Rings (Napkin)

The Arlington Works (du Pont E. I. de Nemours & Co.), 21 E 40th, New York
Estes E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*
Hall Wilbur B. (Silver Plated), Meriden, Conn.

12468— *Rings (Neck Yoke)

Columbus-McKinnon Chain Co., Columbus, Ohio *See adv index at end of book*

12469— Rings (Net)

Meisselbach A. F. & Bros. (Fishing), 29 Congress, Newark, N. J.

12470— Rings (Open)

Brewer Bros Co. (Wrought), 614 Filbert, Phila., Pa.
Grammes L. F. Sons, Allentown, Pa. *See adv index at end of book*

12471— Rings (Piston)

American Piston Ring Co. ("American" & "Sta-Tile" Hammered), 704 S 11th, Newark, N. J.
Auto Parts Mfg. Co., Sioux City, Ia.
Automobile Construction & Engineering Co. ("Perfection"), 3325 Chestnut, Phila., Pa.
Baker Valve Co., 1855 E 28th, Minneapolis, Minn.
Bridgeport Piston Ring Co., Bridgeport, Conn.
Burd High-Compression Ring Co. ("Burd" High Compression), Rockford, Ill.
Canfield Gas Engine Co., 8 Abbott, Binghamton, N. Y.
Canton Auto Parts Mfg. Co. ("Kurtz"), Canton, O.
Capitol Foundry Co. (Vanadium Cast Iron), Hartford, Conn.
Cast Iron Brazing & Mfg. Co., Forsaith bldg, Manchester, N. H.
Chambersburg Engineering Co. (Hammers), Chambersburg, Pa.
Chopa Piston Ring Co., Detroit, Mich.
Continental Piston Ring Co. ("Hi-Comp"), Memphis, Tenn.
Detroit Piston Ring Co., 53 Richmond, Detroit, Mich.
Double Eccentric Piston Ring Corp., 1083 Tower Grove, St. Louis, Mo.
Dubois Foundry Co. (Vanadium Iron), Cold Springs, N. Y.
Du Bois Piston Ring Co., Albany, N. Y.
Dunham Piston Ring Co., 52 Vandewater, New York
Dyer G. H. Co., Cambridge, Mass.
Eco Mfg. Co. ("Eco"), Exchange bldg, Boston, Mass.
Evarts Machine Co., Hartford, Conn.
Ever-Tight Piston Ring Co. ("Ever-Tight"), 1424 Chestnut, St. Louis, Mo.
Gill Manufacturing Co., 351 W 59th, Chicago, Ill.
Hebert Mfg. Co. ("Hebert"), Franklin, N. H.
Hill-Smith Metal Goods Co., 88 Pearl, Boston, Mass.
Horat Joseph ("Tight Wad" for Ford Cars), 417 Ferry, Lafayette, Ind.
Houpert Machine Co., 351 W 52d, New York
Howard Mfg. Co., 3939 Magnolia av, St. Louis, Mo.
Hungerford U. T. Brass & Copper Co. ("Star"), 80 Lafayette, New York
Inland Machine Works, 800 Mound, St. Louis, Mo.
Interstate Foundry Co., E 61st & Erie R. R., Cleveland, O.
Keys Piston Ring Co. ("K-P"), 3049 Olive, St. Louis, Mo.
Lonaker V. A. Co., Indianapolis, Ind.
Lewis Electric Welding & Mfg. Co., Toledo, O.
McCadden Machine Works ("McCadden" Leakless), St. Cloud, Minn.
McIntyre Mfg. Co., 172 W Locust, Columbus, O.
McQUAY-NORRIS MFG. CO. ("Leak-Proof"), 2808-14 Locust, St. Louis, Mo. *See adv index at end of book*

McQUAY-NORRIS
TRADE MARK REGISTERED

PISTON RINGS
PATENTED
Made in every size for every purpose
McQuay-Norris Mfg Co.
St. Louis, Mo.

Manufacturers' Foundry Co., Waterbury, Conn.
Merritt S. Whyte Co. ("D.-I-E Case" Iron), 697 W 133d, New York
Micro Piston Ring Co. ("Micro"), 116 Nassau, New York
Miller Harry A. Mfg. Co., Los Angeles, Cal.
Modern Electric & Machine Co. ("R. & M."), 936 Ft. Wayne av, Indianapolis, Ind.
Morgan Mfg. Co., Newport, R. I.
Muncie Foundry & Machine Co. (Also for Cycle Cars), Muncie, Ind.
New Era Spring & Specialty Co., Detroit, Mich.
Niagara Brass Mfg. Co., 165 Adams, Buffalo, N. Y.
Nilson-Miller Co. ("Record"), Hoboken, N. J.
Otis Machine Works, 191 Mill, Rochester, N. Y.
Piston Ring Co., Muskegon, Mich.
Pondelick Piston Ring Co., Leavitt & Jackson blvd, Chicago, Ill.
Pressure Proof Piston Ring Co., Boston, Mass.
Racine Foundry Co., 10th & C. M. & St. P. Ry., Racine, Wis.
Reliance Foundry Co., Richmond, Ind.
Salt Wm. B. Mfg. Co., Aspinwall, Pa.
Seal-Tite Piston Ring, Inc. ("Seal-Tite"), 1704 E Lake, Minneapolis, Minn.
Sealwell Piston Ring Co., Sioux City, Ia.
Spacke F. W. Machine Co., Indianapolis, Ind.
Splitdorf Electrical Co. ("Munger"), 98 Warren, Newark, N. J.
Teeter-Hartley Motor Co., Hagerstown, Ind.
Trump Mfg. Co., Crown Point, Ind.
Underwood H. B. & Co., 1025 Hamilton, Phila., Pa.
Wainwright W. W. & Son, Connersville, Ind.
Wasson Piston Ring Co. ("Wasson"), Plainfield, N. J.
Wasson Piston Ring Co., New Brunswick, N. J.
Waterbury Welding Co., Waterbury, Conn.
Wilson Foundry & Machine Co., Pontiac, Mich.

12472—Rings (Plumbers' Testing)

Empire Tire & Rubber Corp., East Trenton, N. J.

12473— Rings (Pole)

Bethlehem Steel Co., So Bethlehem, Pa.
Berbecker & Rowland Mfg. Co. (Brass), Waterville, Conn.
Bissell F. Co. ("Security"), Toledo, O.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
New England Bolt Co., Everett, Mass.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Strieby & Foote Co., 301 Ogden, Newark, N. J.
Turner & Seymour Mfg. Co., Torrington, Conn.

12474— Rings (Rubber)

See also Rubber Mfrs., Mechanical

Acme Rubber Mfg. Co. (Jar), Trenton, N. J.
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Boston Woven Hose & Rubber Co., Cambridge, Mass.
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Continental Rubber Works, Erie, Pa.
Davol Rubber Co. (Umbrella, etc), 69 Point, Providence, R. I.
Empire Tire & Ruber Corp., East Trenton, N. J.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Home Rubber Co, Trenton, N. J.
Mechanical Rubber Co. (For all Purposes), Cleveland, O.
New York Belting & Packing Co., 91 Chambers, New York
Parker-Stearns & Co. (Umbrella, Invalid Teething, etc), 286 Sheffield av, Brooklyn, N. Y.
Peerless Rubber Mfg. Co., 31 Warren, New York
Pennsylvania Rubber Co. (For Unions, Pumps, Lubricators, Gauge Glass, Packing, etc), Jeannette, Pa.
Quaker City Rubber Co., 629 Market, Phila., Pa.
Schacht Rubber Mfg. Co., Huntington, Ind.
Thermoid Rubber Co., Trenton, N. J.
Tyer Rubber Co. (Umbrella, Teething), Andover, Mass.

12475-6 Rings (Screw)

American Ring Co., Waterbury, Conn.
Brooks M. S. & Sons (Brass), Chester, Conn.
Grammes L. F. & Sons, Allentown, Pa. *See adv index at end of book*
Parker Wire Goods Co., Worcester, Mass.
Turner & Seymour Mfg. Co., Torrington, Conn.

12477— Rings (Shutter)

Brooks M. S. & Sons, Chester, Conn.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Jencks E. Mfg. Co., Worcester, Mass.
Johnson John Co., 203 37th, B'klyn, N. Y.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Parker Wire Goods Co. (Tinned Wire), Worcester, Mass.

Rings (Socket)

See Rings, Electric Lamp Socket

12478 Rings (Steel)

Auburn Ball Bearing Co. (Hardened Tool Steel), 26 Elizabeth, Rochester, N. Y.
Bridgeport Chain Co., Bridgeport, Conn.
Chrome Steel Works (Rolled Chrome Steel), Camden, N. J.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Hobbs Mfg. Co., Worcester, Mass.
Hope Forge & Machine Co. (& Bands), Mt. Vernon, O.
Landers, Frary & Clark, New Britain, Conn.
Kropp Forge Co. (Solid Forged), 2512 W 21st, Chicago, Ill.
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Millersburg Fifth Wheel Co. (Iron & Steel Rings, Bands, Ovals, Flanges, etc), Millersburg, Pa.
New England Forge Co. (Weldless), Worcester, Mass.
Ohio Forge Co. (Forged), Cleveland, O.
Oliver & Williams (Solid Forged), 39 Pitts, Boston, Mass.
Racine Malleable & Wrought Iron Co., Racine, Wis.
Railway Steel Spring Co. (Heavy), 30 Church, New York
Standard Steel Works Co., Morris bldg, Phila., Pa.
STANDARD PARTS CO. (Seamless Copper, Brass), Cleveland, O.
See adv index at end of book
Tioga Steel & Iron Co. (Forged), Phila., Pa.
U. S. Indestructible Gasket Co. (Light), Church & Fulton, New York
See adv index at end of book
Wharton Wm. Jr. & Co., Inc. (Forged) Easton, Pa.

12479—Rings (Steel Piston)

ALLOY STEEL PRODUCTS CORP., 30 Church, New York
See adv index at end of book
Salt Wm. B. Mfg. Co. (For Steam Hammers, Engines, etc), Aspinwall, Pa.

12479a— Rings (Teething)

The Arlington Works (du Pont E. I. de Nemours & Co.), 21 E 40th, New York
Rubber & Celluloid Products Co., Newark, N. J.

12480— Rings (Timer)

Continental Fibre Co. ("Bakelite-Dilecto" & "Vulcanized Fibre"), Newark Centre, Del.
National Fibre & Insulation Co., Yorklyn, Del.

12481— Rings (Tool Post)

Page Storms Drop Forge Co., Chicopee, Mass.
Williams J. H. & Co. ("Vulcan" Drop Forbed), 31 Richards, B'klyn, N. Y.
See adv index at end of book

12481a— *Rings (Towel)

Estes E. B. Sons, 364 5th av, New York
See adv index at end of book

12482— Rings (Trap Door)

Champion Hardware Co. (Flush), Geneva, Ohio
Loetcher-Ryan Mfg. Co., Dubuque, Ia.
Peck Stow & Wilcox Co. (Flush), Southington, Conn.
Penn Hardware Co., Reading, Pa.
Sargent & Co. (Flush), New Haven, Conn.
Stanley Works, New Britain, Conn.
See adv index at end of book
Stover Mfg. Co., Freeport, Ill.

Rings (Trapeze)

See Rings, Gymnasium

12483—Rings (Umbrella, Rubber)

Davol Rubber Co., 69 Point, Providence, R. I.

12484—Rings (Vest & Split Button)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Turner & Seymour Mfg. Co., Torrington, Conn.

12485— Rings (Welded)

Akron-Selle Co., Akron, O.
Allegheny Forging Co., 1st Nat'l Bk. bldg, Pittsburgh, Pa.
American Mfg. Co., Chattanooga, Tenn.
STANDARD PARTS CO. (Steel, All Sizes & Shapes), Cleveland, O.
See adv index at end of book

12486— Rings (Weldless)

Allegheny Forging Co., 1st Nat'l Bk. bldg, Pittsburgh, Pa.
Allison & Co., Chester, Pa.
Crucible Steel Forge Co., Grand av, Cleveland, O.
Dyson Jos. & Sons, Cleveland, O.
Hammond Steel Co., Inc., The (Forged Steel), Solvay, N. Y.
Hay-Budden Mfg. Co., 254 N Henry, Brooklyn, N. Y.
Horsburgh Forge Co., 17310 St. Clair, Cleveland, O.
JOHNSTON & JENNINGS CO., Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
Ladish Drop Forge Co., Cudahy, Wis.
Lake Erie Forging Co., Cleveland, O.
New England Forge Co., Worcester, Mass.
Ohio Forge Co. (Forged), Cleveland, O.
Penna. Forge Co., Wakeling & Bermuda, Phila., Pa.
Railway Spring Steel Co., 30 Church, New York
Standard Steel Works Co. (For Crushing Machinery, etc.), Morris bldg, Phila., Pa.
Vulcan Steam Forging Co., 251 Rano, Buffalo, N. Y.

12487— Rings (Wire)

American Mfg. Co., Chattanooga, Tenn.
Bridgeport Chain Co., Bridgeport, Conn.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Jenkinson R. C. & Co., 293 Washington, Newark, N. J.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
North & Judd Mfg. Co. ("Anchor Brand" Steel), New Britain, Conn.
Parker Wire Goods Co., Worcester, Mass.
U. S. Hame Co., Buffalo, N. Y.
U. S. Indestructible Gasket Co., Church & Fulton, New York
See adv index at end of book

12488— Rings with Staples

Auer John Jr. (Wrought Trap Door, etc), 197 Middleton, Brooklyn, N. Y.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Landers, Frary & Clark, (Wrought), New Britain, Conn.

12489— Rings (Wood)

ESTES E. B. & SONS (Embroidery, Exercising, Towel, Harness, etc.), 364 5th av, New York
See adv index at end of book
Peters' John M. Sons, Bleecker, New York
Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.

12490— Rings (Worm Gear)

Anderson Rolled Gear Co. ("Anderson" Rough Rolled Steel for Auto Worm Drive Rear Axles; etc), Cleveland, O.
FOOTE BROS. GEAR & MACHINE CO. (Bronze), 210 N Carpenter, Chicago, Ill. *See adv index at end of book*
GANSCHOW WM. CO. (Bronze), 1001 Washington boul, Chicago, Ill.
See adv index at end of book

12491— Ripeners (Cream)

Reid A. H. Creamery & Dairy Supply Co., 69th & Haverford, Phila., Pa.

12492— Rivet Busters

Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.

12493— Rivet Mfrs.

Under this Heading see Sub-classifications

Ames W. & Co., Communipaw av, Jersey City, N. J.
American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
American Rivet Co., New Haven, Conn.
Atlas Tack Co., Fairhaven, Mass.
Baker & Co. (Platinum), 54 Austin, Newark, N. J.
Ballard Drop Forge Co. ("Ballard"), Seattle, Wash.
Bayonne Ball & Nut Co., Bayonne, N. J.
Berry Bros., Columbus, O.
Bethlehem Steel Co., So Bethlehem, Pa.
Blake & Johnson Co. (Iron, Steel, Brass & Copper), 1500 Thomaston av, Waterbury, Conn. *See adv index at end of book*
Burden Iron Co., Troy, N. Y.
Butler Bolt & Rivet Co., Butler, Pa.
Carlin Anthony Co., 2717 E 75th, Cleveland, O.
Champion Rivet Co., Cleveland, O.
CLARK BROS. BOLT CO., Milldale, Conn.
See adv index at end of book
Cobb & Drew, Plymouth, Mass.
Coe Brass Branch, Torrington, Conn.
Columbus Bolt Works Co., Columbus, O.
Equipoise Rivet Co. (Small), Waterbury, Conn.
Falls Rivet Co. (Carriage, Tire, Stove & Machine), Kent, O.
Garland Nut & Rivet Co., Lawrence County, W Pittsburgh, Pa.
Gary Screw & Bolt Co., Gary, Ind.
Gem Stamped Steel Co., Chelsea, Mass.
General Mfg. Co. (From All Metals), Waterbury, Conn.
Grand Crossing Tack Co., S Chicago av & E 79th, Chicago, Ill.
Greenlie-Halliday Co., 499 Water, New York
Hartley Screw Products Co., 65 N. J. R. R. av, Newark, N. J.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Hungerford U. T. Brass & Copper Co. (Mfrs Agts), 80 Lafayette, New York
Kansas City Bolt & Nut Co., Kansas City, Mo.
Kirk-Latty Mfg. Co., W 85th (bet. Detroit & Madison av), Cleveland, O.
Lamson & Sessions Co., 2188 Scrandon rd, S W, Cleveland, O.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Lebanon Valley Iron & Steel Co., Lebanon, Pa.
Linton Mill Co., Linton, Ind.
Michigan Bolt & Nut Works, Detroit, Mich.
Milwaukee Tack Co. (Small), **27th & Wahl av, Milwaukee, Wis.**
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Screw & Tack Co., Cleveland, O.
Nelson W. H. & Son (Small Brass, Copper & Iron), Taunton, Mass.
Newark Rivet Works, 262 Lafayette, Newark, N. J.
New Castle Steel & Iron Co., Pittsburgh, Pa.
New England Bolt Co., Everett, Mass.
New Haven Rivet Co., New Haven, Conn.
North & Pfeiffer Mfg. Co., Hartford, Conn.
O'Brien John Boiler Works Co., 11th & Mullanphy, St. Louis, Mo.
Ohio Nut & Bolt Co., Berea, O.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Philips, Townsend & Co., N 4th & Glenwood av, Philadelphia, Pa.
Pittsburgh Rivet Co., 38th & Junction R. R., Pittsburgh, Pa.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Plume & Atwood Mfg. Co. (Brass, etc), Waterbury, Conn.
Plymouth Mills, Plymouth, Mass.
Probst C. F. Mfg. Co., Waterbury, Conn.
Progressive Mfg. Co. (To Order Only), Torrington, Conn.
Reed & Prince Mfg. Co., Worcester, Mass.

Rome Brass & Copper Co. (Brass & Copper), Rome, N. Y.
SCOVILL MFG. CO. (Brass, Bronze, Iron, Steel & Special to Order Only), Waterbury, Conn. *See adv index at end of book*
Sessions J. H. & Son, Bristol, Conn.
Severence S. Mfg. Co., 3d, Pittsburgh, Pa.
Standard Rivet Co., 41 Lincoln, Boston, Mass.
Steel Car Forge Co., Pittsburgh, Pa.
Thomson Judson L. Mfg. Co., Waltham, Mass.
Tower Mfg. Co., Elm & Commerce, Cincinnati, O.
Townsend Co., New Brighton, Pa.
Townsend G. G., Winchendon, Mass.
Tubular Rivet & Stud Co., 87 Lincoln, Boston, Mass.
Ulster Iron Works, Dover, N. J.
Upham V. B. & Bro. (Aluminum, Brass, Copper, Iron, etc), 30 Hudson av, Brooklyn, N. Y.
Upson Nut Co., Cleveland, O.
Waltham Screw Co., Waltham, Mass.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

12494— Rivet Sets

AMERICAN DIE & TOOL CO. (Air Hammer, etc), Reading, Pa.
See adv index at end of book
Braunsdorf-Mueller Co., Elizabeth, N. J.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Cleveland Punch & Shear Works Co. Handle, Pneumatic), 3921 St. Clair av, N E, Cleveland, O.
Cleveland Steel Tool Co. (Compression Handle, Pneumatic), Cleveland, O.
Drew C. & Co. (Coopers), Kingston, Mass.
Eyelet Tool Co., 40 Lincoln, Boston, Mass.
Independent Pneumatic Tool Co., 1307 Michigan av., Chicago, Ill.
Iron City Tool Works, Ltd. (Sheeters), 3201 Smallman, Pittsburgh, Pa.
Irvington Mfg. Co., Irvington, N. J.
Johnson Wm. (Hedenberg Works), Newark, N. J.
Kraeuter & Co., 583 18th av, Newark, N. J.
Lovejoy Tool Works, 319 W Ohio, Chicago, Ill.
Lowentraut P. Mfg. Co. ("W. S."), 36 Brenner, Newark, N. J.
Marchant Geo. F. Co. ("New Process," "Vanadium" Air Hammer), 1420 S Rockwell, Chicago, Ill.
Mechanical Specialties Co. (Farmer Pattern), 122 S Michigan av, Chicago, Ill.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*
Osborne C. S. & Co. (Harness Makers, Tinners, etc), Harrison, N. J.
Peck, Stow & Wilcox Co., Southington, Conn.
Rich Tool Co., Railway Exch, Chicago, Ill.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
SMITH & HEMMINGWAY CO., INC., ("Red Devil" Drop Forged), 261 B'way, New York, & 130 Coit, Irvington, N. Y.
See adv index at end of book
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Stortz Jno. & Son, 210 Vine, Phila., Pa.
United States Tool Co., 3160 W 106th, Cleveland, O.
Van Doren Mfg. Co. ("Vandor" Rivet Sets & Headers, Tinners' Pattern & Farmers), Chicago Heights, Ill.
Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.

12495—Riveters (Belting & Harness Repairing, Etc.)

See Also Riveting Machines, Hand

Arcade Mfg. Co. ("Arcade"), Freeport, Ill.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Root-Heath Mfg. Co. ("Ideal"), Plymouth, Ohio

Riveters (Hand Power)

See Pneumatic Compressing Riveters

Riveters (Pneumatic Compression)

See Pneumatic Compressing Riveters

12496—Riveters (Steam Hydraulic)

Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book

12497—Riveters & Punch (Combined)

Hanna Engineering Works, 1764 Elston av, Chicago, Ill.

Riveting Machines

See Machinery; also Pneumatic Riveters

12498— Rivets (Aluminum)

Aluminum Co. of America, Oliver bldg, Pittsburgh, Pa.
See adv index at end of book
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Equipoise Rivet Co., Waterbury, Conn.
Gem Stamped Steel Co., Chelsea, Mass.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Hassall Jno. (To Order), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Nelson W. H. & Son, Taunton, Mass.
Probst C. F. Mfg. Co. (To Order), Waterbury, Conn.
Townsend Co., New Brighton, Pa.
Upham V. B. & Bro., 30 Hudson av, Brooklyn, N. Y.

12499— Rivets (Barrel)

Equipoise Rivet Co., Waterbury, Conn.
Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Reading Screw Co., Norristown, Pa.
Townsend Co., New Brighton, Pa.
Townsend G. G., Winchendon, Mass.

12500—Rivets (Belt & Hose)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Atlas Tack Co. (Copper), Fairhaven, Mass.
Bridgeport Brass Co., Bridgeport, Conn.
Equipoise Rivet Co., Waterbury, Conn.
Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.
Grand Crossing Tack Co., S Chicago av & E 79th, Chicago, Ill.
Hassall Jno. (Inc.) (To Order), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Hungerford U. T. Brass & Copper Co. (Copper), 80 Lafayette, New York
Plume & Atwood Mfg. Co. ("Eagle," Copper), Waterbury, Conn.
Probst C. F. Mfg. Co., Waterbury, Conn.
Reed & Prince Mfg. Co., Worcester, Mass.
Rome Brass & Copper Co., Rome, N. Y.
Russell Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Stimpson Edwin B. Co., 68 Franklyn av, Brooklyn, N. Y.
Tower Mfg. Co. (Tinned & Coppered Iron Burrs & Rivets), Elm & Commerce, Cincinnati, O.
Townsend Co., New Brighton, Pa.
Upson Nut Co., Cleveland, O.
Wilson Steel Products Co., 49th & S Western av., Chicago, Ill.

12501—Rivets (Boiler & Tank)

American Equipment Co., Norristown, Pa.
Atlas Tack Co., Fairhaven, Mass.
BAYONNE BOLT & NUT CO., Bayonne, N. J.
Bethlehem Steel Co., So Bethlehem, Pa.
Burden Iron Co. (Iron), Troy, N. Y.
Carlin Anthony Co. ("Perfection"), 2717 E 75th, Cleveland, O.
Champion Rivet Co., Cleveland, O.
Cleveland Wrought Products Co., W 58th & West L. E. Belt Line, Cleveland, O.
Falls Rivet Co., Kent, O.
Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.
Gary Screw & Bolt Co., Gary, Ind.
Hassall Jno. (Inc), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Inland Steel Co., First National Bank bldg, Chicago, Ill.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Larkin J. K. & Co. (Iron & Steel), 34 Reade, New York
See adv index at end of book
Lebanon Valley Iron & Steel Co., Lebanon, Pa.
Manufacturers Iron & Steel Co., 149 B'way, New York
Michigan Bolt & Nut Works, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Bolt & Nut Co., Pittsburgh, Pa.
New Castle Steel & Iron Co., Pittsburgh, Pa.
New England Bolt & Steel Co., Everett, Mass.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction RR, Pittsburgh, Pa.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Probst C. F. Mfg. Co., Waterbury, Conn.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
See adv index at end of book
RYERSON JOS. T. & SON, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Severence S. Mfg. Co., 3d, Pittsburgh, Pa.
Steel Car Forge Co. ("Xcelsior"), Pittsburgh, Pa.
Townsend Co., New Brighton, Pa.
Ulster Iron Works, Dover, N. J.
Upson Nut Co., Cleveland, O.

12502—Rivets (Brass & Copper)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Atlas Tack Co. (Rivets & Burrs), Fairhaven, Mass.
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Bridgeport Brass Co. ("Crown"), Bridgeport, Conn.
Clendenin Bros. (Copper Rivets & Burrs), c Central av & Fawn, Baltimore, Md.
Cobb & Drew, Plymouth, Mass.
Connecticut Mfg. Co., Waterbury, Conn.
Elm City Brass & Rivet Co. (Rivets & Burrs), Plainville, Conn.
Equipoise Rivet Co. (Small), Waterbury, Conn.
Falls Rivet Co., Kent, O.
Gem Stamped Steel Co., Chelsea, Mass.
General Mfg. Co., Waterbury, Conn.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Hartley Screw Products Co., 65 N. J. RR av, Newark, N. J.
Hassall Jno, (Inc), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Hendricks Bros. (Copper Only), 49 Cliff, New York
Hungerford U. T. Brass & Copper Co. ("Star," All Sizes & Styles), 80 Lafayette, New York
Merchant & Evans Co. (Jobbers), 2035 Washington av, Phila., Pa.
See adv index at end of book
Mutual Electric & Machine Co. (Copper), **232 Fort, W. Detroit, Mich.**
Nelson W. H. & Son, Taunton, Mass.
Newark Rivet Works, 262 Lafayette, Newark, N. J.
North American Copper Co., 52 Vanderbilt av, New York
Plume & Atwood Mfg. Co. (Copper Trunk, Braziers', Brass Jacket, etc), Waterbury, Conn.
Probst C. F. Mfg. Co., Waterbury, Conn.
Progressive Mfg. Co. (To Order Only), Torrington, Conn.
Reed & Prince Mfg. Co., Worcester, Mass.
Rome Brass & Copper Co., Rome, N. Y.
SCOVILL MFG. CO. (Brass to Order Only), Waterbury, Conn.
See adv index at end of book
Taunton Rivet Works (Copper Rivets & Burrs), Taunton, Mass.
Thomson Judson L. Mfg. Co. (Coppered Slotted Clinch), Waltham, Mass.
Townsend Co., New Brighton, Pa.
Upham V. B. & Bro., 30 Hudson av, Brooklyn, N. Y.
Waltham Screw Co., Waltham, Mass.
Waterbury Brass Goods Corp. (Brass Only), Waterbury, Conn.
Waterbury Mfg. Co., Waterbury, Conn.

12503— Rivets (Braziers')

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Equipoise Rivet Co., Waterbury, Conn.
Hendricks Bros., 49 Cliff, New York
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York
Plume & Atwood Mfg. Co. (Copper), Waterbury, Conn.
Probst, C. F., Mfg. Co., Waterbury, Conn.
Rome Brass & Copper Co., Rome, N. Y.
Townsend Co., New Brighton, Pa.

12504—Rivets (Bridge & Structural)

American Equipment Co., Norristown, Pa.
BAYONNE BOLT & NUT CO., Bayonne, N. J.
Bethlehem Steel Co., So Bethlehem, Pa.
Cambria Steel Co., Widener bldg, Phila., Pa.
Carlin Anthony Co. ("Perfection"), 2717 E 75th, Cleveland, Ohio
Champion Rivet Co., Cleveland, O.
Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, Ohio
Foster Bolt & Nut Co., Union av & E 72d, Cleveland, O.
Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.
Gary Screw & Bolt Co., Gary, Ind.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Inland Steel Co., First Nat'l Bank bldg, Chicago, Ill.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Kirk-Latty Co., W 85th., bet. Detroit & Madison av., Cleveland, O.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Larkin J. K. & Co. (Iron & Steel), 34 Reade, New York
See adv index at end of book
Lebanon Valley Iron & Steel Co., Lebanon, Pa.
Manufacturers Iron & Steel Co., 149 B'way, New York
Michigan Bolt & Nut Works, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Bolt & Nut Co., Pittsburgh, Pa.
New Castle Steel & Iron Co., Pittsburgh, Pa.
New England Bolt & Nut Co., Everett, Mass.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction RR, Pittsburgh, Pa.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Probst C. F. Mfg. Co., Waterbury, Conn.
RYERSON JOS. T. & SON, 2558 W 16th, Chicago, Ill.
See adv index at end of book
Severence S. Mfg. Co., 3d, Pittsburgh, Pa.
Steel Car Forge Co., Pittsburgh, Pa.
Upham V. B. & Bros. (For Ornamental Work), 30 Hudson av, Brooklyn, N. Y.
Upson Nut Co., Cleveland, O.

12505— Rivets (Button)

Equipoise Rivet Co., Waterbury, Conn.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Hassall Jno. (Inc), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Probst C. F. Mfg. Co., Waterbury, Conn.

12506— Rivets (Car)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
American Equipment Co., Norristown, Pa.
Bethlehem Steel Co., So Bethlehem, Pa.
Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, Ohio
Columbus Bolt Works Co., Columbus, O.
Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Michigan Bolt & Nut Works, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Bolt & Nut Co., Pittsburgh, Pa.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction R. R., Pittsburgh, Pa.
Severence S. Mfg. Co., 3d, Pittsburgh, Pa.
Townsend Co., New Brighton, Pa.

12507-8—Rivets (Clinch, Bifurcated)

Manufacturers' Belt Hook Co., 1321 W Congress, Chicago, Ill.
Standard Rivet Co., 41 Lincoln, Boston, Mass.
Thomson Judson L. Mfg. Co., Waltham, Mass.
Tubular Rivet & Stud Co., 87 Lincoln, Boston, Mass.

Rivets (Clinch, Slotted)

See Rivets, Slotted Clinch

12509— Rivets (Coopers')

Atlas Bolt & Screw Co., 1000 Ivanhoe rd, Cleveland, O.
Berry Bros., Columbus, O.
Equipoise Rivet Co., Waterbury, Conn.
Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Lamson & Sessions Co., 2188 Scranton rd S W, Cleveland, O.
National Screw & Tack Co., Cleveland, O.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Probst C. F. Mfg. Co., Waterbury, Conn.
Reading Screw Co., Norristown, Pa.
Reed & Prince Mfg. Co., Worcester, Mass.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Tower Mfg. Co. (Countersunk, etc), Elm & Commerce, Cincinnati, O.
Townsend Co., New Brighton, Pa.
Upson Nut Co., Cleveland, O.
Waterbury Brass Goods Corporation, Waterbury, Conn.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

12510— Rivets (Corset)

Nelson W. H. & Son, Taunton, Mass.

12511— Rivets (Draw Bar)

Kansas City Bolt & Nut Co., Kansas City, Mo.
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.

12512— Rivets (Galvanized)

Equipoise Rivet Co., Waterbury, Conn.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Rockford Bolt Co. (For Corrugated Culverts, etc), 60 Mill, Rockford, Ill.
Townsend Co., New Brighton, Pa.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

12513—Rivets (German Silver)

Blake & Johnson, 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Hassall Jno. (Inc), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York
Nelson W. H. & Son, Taunton, Mass.
Probst C. F. Mfg. Co. (To Order), Waterbury, Conn.
Progressive Mfg. Co. (To Order Only), Torrington, Conn.
Upham V. B. & Bro., 30 Hudson av, Brooklyn, N. Y.
Waltham Screw Co., Waltham, Mass.

12514— Rivets (Hame)

American Rivet Co., New Haven, Conn.
Colton Mfg. Co., Montpelier, Vt.
Equipoise Rivet Co., Waterbury, Conn.
Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.
Hassall Jno. (Inc), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
National Screw & Tack Co., Cleveland, O.
Probst C. F. Mfg. Co., Waterbury, Conn.
Reading Screw Co., Norristown, Pa.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Standard Rivet Co., 41 Lincoln, Boston, Mass.
Thomson Judson L. Mfg. Co., Waltham, Mass.
Tower Mfg. Co., Elm & Commerce, Cincinnati, O.
Townsend Co., New Brighton, Pa.

12515— Rivets (Hinge)

Brewer Bros. Co. (Wrought), 614 Filbert, Phila., Pa.
Equipoise Rivet Co., Waterbury, Conn.
Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Hassall Jno. (Inc), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Probst C. F. Mfg. Co., Waterbury, Conn.
Townsend Co., New Brighton, Pa.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

12516—Rivets (Norway Iron)

Atlas Tack Co., Fair Haven, Mass.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Newark Rivet Works (Black, Coppered & Tinned), 262 Lafayette, Newark, N. J.
Probst C. F. Mfg. Co. (To Order), Waterbury, Conn.
Townsend Co., New Brighton, Pa.
Upson Nut Co., Cleveland, O.

12517—Rivets (Phosphor Bronze)

Equipoise Rivet Co., Waterbury, Conn.
New England Tank & Tower Co., Everett, Mass.

12518— Rivets (Platinum)

American Platinum Works (For Spark Coils), Oliver & N. J. R. R. av, Newark, N. J.
Baker & Co., 54 Austin, Newark, N. J.
Bender Henry, 42 Walnut, Newark, N. J.
Probst C. F. Mfg. Co., Waterbury, Conn.

12519— Rivets (Pronged)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Standard Rivet Co. (For Fastening Leather, Cloth, etc), 41 Lincoln, Boston, Mass.

12519a— *Rivets (Ship)

See also Rivets, Boiler & Tank

BAYONNE BOLT & NUT CO., Bayonne, N. J.
Larkin J. K. & Co. (Iron & Steel), 34 Reade, New York
See adv index at end of book

12520— Rivets (Shovel)

Berry Bros., Columbus, O.
Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.
Probst C. F. Mfg. Co., Waterbury, Conn.
Reading Screw Co., Norristown, Pa.
Townsend Co., New Brighton, Pa.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

12521—Rivets (Slotted Clinch)

Thomson Judson L. Mfg. Co., Waltham, Mass.

12522— Rivets (Soft Metal)

Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, Ohio
Equipoise Rivet Co., Waterbury, Conn.
Probst C. F. Mfg. Co., Waterbury, Conn.
Peck E. E. & Co. (For Mending Enameled Ware, etc.), Batavia, N. Y.

12522a—*Rivets (Special)

Hassall Jno. (Inc), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book

12523— Rivets (Stove)

Berry Bros., Columbus, O.
Equipoise Rivet Co., Waterbury, Conn.
Falls Rivet Co., Kent, Ohio
Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.
Ireland & Matthews Mfg. Co., Detroit, Mich.
Lamson & Sessions Co., 2188 Scranton Rd S W, Cleveland, O.
Ohio Nut & Bolt Co., Berea, O.
Probst C. F. Mfg. Co., Waterbury, Conn.
Reading Screw Co., Norristown, Pa.
Townsend Co., New Brighton, Pa.

12524— Rivets (Tinners')

Atlas Bolt & Screw Co., 1000 Ivanhoe rd, Cleveland, O.
Atlas Tack Co., Fairhaven, Mass.
Berry Bros., Columbus, O.
Central Stamping Co., 174 Fulton, New York
Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, Ohio
Cobb & Drew, Plymouth, Mass.
Elm City Brass & Rivet Co., Plainville, Conn.
Equipoise Rivet Co., Waterbury, Conn.
Foster Bolt & Nut Co., Union av & E 72d, Cleveland, O.
Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.
Gem Stamped Steele Co., Chelsea, Mass.
Grand Crossing Tack Co., S Chicago av, & E 79th, Chicago, Ill.
Hassall Jno. (Inc), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Ireland & Matthews Mfg. Co., Detroit, Mich.
Lamson & Sessions Co., 2188 Scranton rd S W, Cleveland, O.
Manufacturers Iron & Steel Co., 149 B'way, New York
Merchant & Evans Co. (Black & Tinned), 2035 Washington av, Phila., Pa.
See adv index at end of book
Milwaukee Tack Co. (Flat Head), 27th & Wahl av, Milwaukee, Wis.
National Screw & Tack Co., Cleveland, O.
Nelson W. H. & Son (Small), Taunton, Mass.
Ohio Nut & Bolt Co., Berea, O.
Plume & Atwood Mfg. Co. (& Burs), Waterbury, Conn.
Probst C. F. Mfg. Co., Waterbury, Conn.
Reading Screw Co., Norristown, Pa.
Reed & Prince Mfg. Co., Worcester, Mass.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
RYERSON JOS. T. & SON, 2558 W 15th, Chicago, Ill.
See adv index at end of book
Stanley Geo. W. Co., Belleville, Ill.
Taunton Rivet Works, Taunton, Mass.
Tower Mfg. Co., Elm & Commerce, Cincinnati, O.
Townsend Co., New Brighton, Pa.
Upham V. B. & Bro., 30 Hudson av, Brooklyn, N. Y.
Upson Nut Co., Cleveland, O.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

12525— Rivets (Tire)

Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, Ohio
Columbus Bolt Works Co., Columbus, O.
Eagle Bolt & Forging Co., Cleveland, O.
Equipoise Rivet Co., Waterbury, Conn.
Falls River Co., Kent, Ohio
Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.
Lamson & Sessions Co., 2188 Scranton rd S W, Cleveland, O.
Ohio Carriage Mfg. Co., S High, Columbus, O.
Skelly Thos P. Bolt Co., 24th & Carlton, Phila., Pa.
Townsend Co., New Brighton, Pa.
Upson Nut Co., Cleveland, O.

12526— Rivets (Trunk)

Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, Ohio
Equipoise Rivet Co., Waterbury, Conn.
Hassall Jno. (Inc), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Plume & Atwood Mfg. Co. (Oval Head, Copper), Waterbury, Conn.
Probst C. F. Mfg. Co., Waterbury, Conn.
Townsend Co., New Brighton, Pa.

12527— Rivets (Tubular)

Equipoise Rivet Co., Waterbury, Conn.
Thomson Judson L. Mfg. Co., Waltham, Mass.
Tubular Rivet & Stud Co., 87 Lincoln, Boston, Mass.

12528— Rivets (Wagon Box)

Berry Bros., Columbus, O.
Clark Bros. Bolt Co., Millidale, Conn.
See adv index at end of book
Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, Ohio
Columbus Bolt Works Co., Columbus, O.
Equipoise Rivet Co., Waterbury, Conn.
Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Townsend Co., New Brighton, Pa.
Upson Nut Co., Cleveland, O.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

12529— Rivets (Wire)

Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, Ohio
Equipoise Rivet Co., Waterbury, Conn.
Gem Stamped Steel Co., Chelsea, Mass.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Probst C. F. Mfg. Co., Waterbury, Conn.
Townsend Co., New Brighton, Pa.

Rivets & Burrs (Brass & Copper)

See Rivets, Brass & Copper

12530— Road Binders & Preservatives

Advance Oil Co., Oil City, Pa.
Alcatraz Co., Inc., 3200 Williamsburg av, Richmond, Va.
Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.
Barber Asphalt Paving Co. ("Trinidad") Liquid & "Bermudez" Road Asphalt), Land Title bldg, Phila., Pa.
Barrett Co. ("Tarvia" for Macadam & Gravel Roads), 17 Battery pl, New York
Central Commercial Co., 111 N Market, Chicago, Ill.
Chatfield Mfg. Co. ("Tarcote"), Carthage, Cincinnati, O.
Clarendon Refining Co., Clarendon, Pa.
Dustoline For Roads Co. ("Dustoline" for Road), Summit, N. J.
Emery Mfg. Co., Bradford, Pa.
Empire Oil Works, Oil City, Pa. Works: Reno, Pa.
Gulf Refining Co. ("Asphatoil"), Frick bldg annex, Pittsburgh, Pa.
Headley Good Roads Co. ("Biconac"), 301 S 30th, Phila., Pa.
Indian Refining Co. (For Macadam & Gravel Roads), 244 Madison av, New York
International Asphalt Co., 133 W Wash, Chicago, Ill.
King Refining Co. (Oil), 58 Sutter, San Francisco, Cal.
Lewis F. J. Mfg. Co. ("Lewis's" Road Tar), 2513 S Robey, Chicago, Ill. Works, Moline, Ill.
National Refining Co., Cleveland, O.
Pennsylvania Paraffine Wks., Titusville, Pa.
Pierce Oil Co., Bank of Com. bldg., St. Louis, Mo.
Prime & Cook Petroleum Co. (Jobbers), 208 S La Salle, Chicago, Ill.
Pure Oil Co. ("Roadoil"), Lafayette bldg, Phila., Pa.
Solvay Process Co. ("Solvay" Granulated Calcium Chloride), Syracuse, N. Y.; Hutchinson, Kan., & Detroit, Mich.
Speare's Alden Sons Co. ("Tascoil"), Cambride, Mass.
Standard Asphalt & Rubber Co. ("Sarco"), 208 S LaSalle, Chicago, Ill.
Standard Oil Co. of Cal. ("Richmond" Road Oil), 200 Bush, San Francisco, Cal.
Standard Oil Co. of N. J. (Road Oils), 26 B'way, New York
Standard Oil Co. of N. Y. ("Standard" Asphalt, Emulsifying Macadam Binders & Road Oils), 555 W 25th, New York
Sun Co., Finance bldg, Phila., Pa.
Texas Co., ("Texaco," Macadam Binder, etc), 17 Battery pl, New York
United Gas Improvement Co. ("Ugite"), Phila., Pa.
U. S. Asphalt Refining Co. ("Aztec" Road Binder), 90 West, New York
Wadsworth Stone & Paving Co. ("Kentuck" Road Asphalt for Macadam & Gravel Roads), Lambert & P R R, Pittsburgh, Pa.
Warren Refining Co., Warren, Pa.
Waverly Oil Works Co. (Oils), Pittsburgh, Pa.

12531— Road Levelers

Acme Road Machinery Co., Frankfort, N. Y.
American Road Machinery Co., Kennett sq, Pa.
Austin Mfg. Co., 910 S Michigan av, Chicago, Ill., & Harvey, Ill.
Baker Mfg. Co., 1000 Stanford av, Springfield, Ill.
Elkhart Bridge & Iron Co., Elkhart, Ind.
Glide Road Machine Co., 501 S E Huron, Minneapolis, Minn.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Ohio Road Machinery Co. ("Shuart" Land & "Little Yankee," Contractors' Sub-Grade), Oberlin, O.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsbugh, Pa.
See adv index at end of book
Sidney Steel Scraper Co. (Tongue Scraper, Leveler & Ditcher), Sidney, O.
Stroud & Co. ("Stroud"), Omaha, Neb.

12532—Road Machines & Graders

Acme Road Machinery Co. (Reversible), Frankfort, N. Y.
Adams J. D. & Co., Indianapolis, Ind.
American Road Machinery Co., Kennett sq, Pa.
Austin Mfg. Co., 910 S Michigan av, Chicago, Ill., & Harvey, Ill.
Baker, Barron, Inc., 211 W Broadway, New York
Baker Mfg. Co. ("XXth Century" Graders), 1000 Stanford av, Springfield, Ill.
Beach Mfg. Co., Charlotte, Mich.
Buffalo Springfield Roller Co., Springfield, Ohio
Case J. I. Threshing Machine Co., ("Case" Graders), Racine, Wis.
Chase Foundry & Mfg. Co. ("Chase Economy" Graders), 2700 S Parsons av, Columbus, O.
See adv index at end of book
Deere & Co. (Graders), Moline, Ill.
Edwards C. D., Albert Lea, Minn.
Galion Iron Wks. & Mfg. Co. ("Galion," "Ideal," "Premium"), Galion, O.
Glide Road Machine Co., 501 S E Huron, Minneapolis, Minn.
Good Roads Machinery Co. ("Climax"), Kennett Square, Pa.
Hollenbeck Mfg. Co. (Elevating Graders), Holdrege, Neb.
International Ditching & Road Machinery Co. ("Martin"), Owensboro, Ky.
Linder Grader Co. ("Linder" Steel Reversible), Matthews, Ind.
Marion Steam Shovel Co., P. O. Box 505, Marion, O.
Mayer Bros. Co. (Rotary Graders), Mankato, Minn.
Monroe N. S. & Sons, Arthur, Ill.
Ohio Road Machinery Co. ("Shuart," "Ohio," Reversible "Little Yankee," Land Graders), Oberlin, O.
Osgood Co., Marion, O.

ROAD LEVELERS—continued

Owensboro Ditcher & Grader Co., Owensboro, Ky.
Philip Rossman, Stockport, N. Y.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Port Huron Engine & Thresher Co., Port Huron, Mich.
Russell Grader Mfg. Co. ("Simplex Russell" Reversible & Elevating Graders), 2005 Univ. av, S E, Minneapolis, Minn.
Smith & Sons Mfg. Co., Kansas City, Mo.
Stockland Road Machinery Co., Minneapolis, Minn.
Stroud & Co. (Blade Elevating Graders), Omaha, Neb.
Western Wheeled Scraper Co., Aurora, Ill.
Zieg F. B. Mfg. Co. ("Panama," 2 & 4 Horse), Fredericktown, O.

12533—Road Oilers or Distributors

American Road Machinery Co., Kennett sq, Pa.
Austin Mfg. Co., 910 S Michigan av, Chicago, Ill.
Burlingame A. Co. (For Hot Asphaltic Oils), Worcester, Mass.
Cressy Walter ("Pillsbury"), Gloucester, Mass.
Daniels Road Oiling Co., 171 Westminster, Providence, R. I.
Etnyre E. D. & Co. ("Etnyre"), Oregon, Ill.
French Walter S., Moorestown, N. J.
International Motor Co., 252 W 64th, New York
Irish Wm. F., Elec. Supplies ("Johnson"), 130 W 32nd, New York
Kinney Mfg. Co., 3529 Washington, Boston, Mass.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Mills Iron Works, 927 N Main, Los Angeles, Cal.
New England Contracting Co., Worcester, Mass.
Standard Mfg. Co. ("Johnston"), Worcester, Mass.
Studebaker Bros. Co. of Cal., 413 Mission, San Francisco, Cal.
Studebaker Corp., South Bend, Ind.
Union Iron Works ("Eldus" Hand Drawn), Hoboken, N. J.
Universal Road Machy. Co. ("Reliance"), Kingston, N. Y.
Van Dorn Iron Works Co. (For Oiling Streets), 2700 E 79th, Cleveland, O.

12534— Road Scarifiers

Acme Road Machinery Co., Frankfort, N. Y.
American Road Machinery Co., Kennett Square, Pa.
Austin Mfg. Co., 910 S Michigan av, Chicago, Ill.
Barber Asphalt Paving Co. ("Iroquois"), Land Title bldg., Philadelphia, Pa.
Buffalo Springfield Roller Co., Springfield, Ohio
Galion Iron Works & Mfg. Co., Galion, O.
Huber Mfg. Co., Marion, O.
Hvass Chas. & Co., 511 E 18th, New York
Lehigh Foundry Co., Fullerton, Pa.
Ohio Road Machinery Co., Oberlin, O.
Port Huron Engine & Thresher Co. ("Port Huron"), Port Huron, Mich.
Universal Road Machinery Co. ("Porcupine"), Kingston, N. Y.

12535—Road Scrapers (Drag & Wheel)

Acme Road Machinery Co. (Drag & Wheel), Frankfort, N. Y.
American Road Machinery Co. ("American," "Banner," "Climax," "Triumph," "Victor," Drag, Fresno & Wheel), Kennett sq, Pa.
American Steel Scraper Co. (Drag & Wheel), Sidney, O.
Baker Mfg. Co. ("Baker Maney" 4 Wheel Scraper), 1000 Stanford av. Springfield, Ill.
Beach Mfg. Co., Charlotte, Mich.
Chattanooga Wheelbarrow Co. (Drag & Wheel), Chattanooga, Tenn.
For branch offices see adv index at end of book
Corrugated Metal Co. (Road Drags), Emporia, Kans.
Donaldson Bros. (Drag), Mount Clemens, Mich.
FAIRBANKS CO., 416 Broome, New York
For branch offices see Alphabetical Section
Fresno Agri'l Wks. (Drag), Fresno, Cal.
Galion Iron Works & Mfg. Co. ("Universal," "Standard," "Ideal," "Competition," Adjustable Road Drag), Galion, Ohio.
Good Roads Machy. Co., Kennett sq, Pa.
Gowanda Architectural Works (Drag Only), Gowanda, N. Y.
Herschel R. Mfg. Co., Peoria, Ill.
Hollenbeck Mfg. Co., Holdrege, Neb.
Holt Mfg. Co. (Drag), Stockton, Cal.
Jackson Mfg. Co. (Drag Only), Harrisburg, Pa. *See adv index at end of book*
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Kilbourne & Jacobs Mfg. Co. ("Boss," "Columbus," "Cub" Drag), Columbus, Ohio
Lansing Co. (Steel), Lansing Mich.
Lehr Agricultural Co. (Drag), Fremont, O.
Linder Grader Co., Matthews, Ind.
Mechanical Mfg. Co. ("Stubbs" Wheeled), Union Stock Yards, Chicago, Ill.
PITTSBURGH-DES MOINES STEEL CO. (Drag), Pittsburgh, Pa.
See adv index at end of book
Road Supply & Metal Co. (Adjustable Road Drag & Stationary), Topeka, Kans.
Russell Grader Mfg. Co. (Road Drags), 2005 Univ av, S E, Minneapolis, Minn.
Sherwin E. C. & Son, Brandon, Wis.
Sidney Steel Scraper Co. ("Haslup," "Sidney," "Dreadnaught," "Ground Hog," "Fresno"), Sidney, O.
Skow Mfg. Co. ("Newton" Drag), Newton, Ia.
Slusser-McLean Scraper Co. ("Leader"), Sidney, O.
Smith & Sons Mfg. Co. ("Royal" Drag & Wheel), Kansas City, Mo.
Stroud & Co., Omaha, Neb.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Toledo Wheelbarrow Co. ("Bull Frog," "Buckeye" & "Maumee"), 2400 B'way, Toledo O.
Western Wheeled Scraper Co. ("Western," "Columbian" Drag & Wheel), Aurora, Ill.
Wilder-Strong Implement Co. (Drag), Monroe, Mich.
Wyatt F. Mfg. Co. ("Jayhawk" Drags), Salina, Kans.
Zieg F. B. Mfg. Co. ("Panama" Drags), Fredericktown, O.

12536—Roasters (Coffee & Peanut)

See also Coffee, Peanut & Cocoa Bean Roasting Machines

Atsatt Bros. ("Acme"), Mattapoisett, Mass.
Bartholomew Co. ("Stunner," "Rival," "Ripper," "Nickel Mint" & "Boss" Peanut), Peoria, Ill.
Bay Gottfried, 537 W 50th, New York
Burns Jabez & Sons (C), 600 W 43rd, New York
Crandall Pettee Co. (P), 135 Hudson, New York
Cretors C. & Co. (Peanut), 620 W 22d, Chicago, Ill.
Deer A. J. Co. ("Royal"), Hornell, N. Y.
Dunbar & Co. ("Chicago"), 2652 W Lake, Chicago, Ill.
Frazer Mfg. Co., 573 Henderson, Jersey City, N. J.
Hart Wm., 34 Catherine, New York
Hilbert Machine Co. (P), 2116 Colerain av, Cincinnati, O.
Holcomb & Hoke Mfg. Co., Indianapolis, Ind.
Hubbard S. B. Co., Jacksonville, Fla.
Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.
Kingery Mfg. Co. (Peanut Only), 420 E Pearl, Cincinnati, O.
Lally M. & Co. ("Peerless"), 29 W 3rd, Cincinnati, Ohio
Lambert Machine Co. (C. & P.), ("Lambert"), Marshall, Mich.
Long W. Z. Co., Springfield, O.
Meek Oven Mfg. Co. ("Meek" Gas for Peanuts), Newburyport, Mass.
Mills Thos. & Bro., Thompson & 8th, Phila., Pa.
Originator Manufacturing Co. ("Wheatcraft" Package & Roaster), 302 B'way, New York
Phillips & Buttorff Mfg. Co. (Peanut Only) Nashville, Tenn.
Stutsman R. O. Co., Des Moines, Ia.
Whitman Agl. Co. (C. & P.), St. Louis, Mo.

12537—Roasters & Baking Pans

Aluminum Mfg. Co. (Aluminum Roasters), Des Moines, Ia.
American Stamping & Enameling Co. ("Corona" Enameled Roasters) Bellaire, O.
Griswold Mfg. Co. (Iron), Erie, Pa.
National Enameling & Stamping Co. ("Nesco" Empire Pat'n), 411 5th av, New York
Republic Metalware Co. The, ("Savory"), Buffalo, N. Y.
Silver & Co. ("Royal"), 304 Hewes, Brooklyn, N. Y.
Toledo Cooker Co. ("Ideal"), Toledo, O.
Whitaker-Glessner Co. (Wheeling Corrugating Dept), Wheeling, W. Va.

12538-9—Robes (Carriage & Lap)

American Buffalo Robe Co. (Carriage, Plush, Lap, Automobile, Baby Carriage), Buffalo, N. Y.
Auto Comfort Robe Co. ("Comfort"), Gloversville, N. Y.
Ayres Wm. & Sons (Lap), 3rd & Cumberland, Phila., Pa.
Beckman N. O. Company (Wood Carriage & Automobile), Fulton rd, N W, Cleveland, O.
Bishop J. H. Co. (Carriage, Fur), Wyandotte, Mich.
Buell Mfg. Co. (Carriafe, Woolen) St. Joseph, Mo.
Burlington Blanket Co. ("Sho-Fur"), Burlington, Wis.

CHASE PLUSH AND WOOL MOTOR ROBES

Chase L. C. & Co., 89 Franklin, Boston, Mass.
See adv index at end of book
Curtis & Von Bernuth Mfg. Co. (Carriage), 88 W B'way, New York
Davis Geo. W. (Inc.) ("Davis" Woolen), Worcester, Mass.
Draper Bros. Co. (Waterproof Automobile & Carriage), Canton, Mass.
Esmond Mills, Esmond, R. I.
Eugene Woolen Mill Co., Eugene, Ore.
Goodyear Rubber Co. & Rubber Clothing Co. (Lap), 787 B'way, New York
Gordon J. P. Co. (Radiator & Engine), Columbus, O.
Hodgman Rubber Co. ("Hodgman") 8 W 40th, N. Y.
Hoenigsberger, A. (Fur), 16 S Market, Chicago, Ill.
Holyoke Plush Co. (Plush), Holyoke, Mass.
Kay Thos. Woolen Mill Co., Salem, Ore.
Kroh C. Z. Mfg. Co. ("Kroh" Storm), Toledo, Ohio.
Mianus Mfg. Co. (Plush Lap), Coscob, Conn.
Newichawanick Co. (Carriages), South Berwick, Me.
New York Lap Rope Co., 219 Greene, New York
North Star Woolen Mill Co. (Carriage), 228 S 2d, Minneapolis, Minn.
Oregon City Mfg. Co. (Woolen Carriage), Oregon City, Ore.
Peters & Herron Dash Co. (Automobile), 533 E Long, Columbus, O.
Pollitz Le Fort & Keon, 3rd & Huntington, Philadelphia, Pa.
Riley Wm. B. & Co. (Carriage, Lap & Automobile), 238 Chestnut, Philadelphia, Pa.
Roy Woolen Co., Watervliet, N. Y.
Sanford Mills (Plush), Sanford, Me.
Saxonville Mills (Carriage), 93 Summer, Boston, Mass.
Shayne C. C. & Co. (Fur), 126 W 42nd, New York
Stafford's James Sons, Krams av, Phila., Pa.
Stroock Plush Co. (Plush), Newburgh, N. Y.
Wallace Hugh Co. (Cloth & Fur Carriage Robes), Blvd & Orleans, Detroit, Mich.

Rock Crusher Parts

See Castings, Rock Crusher

Rock Face Steel Siding

See Steel Brick & Rock Face Siding

12540— Rock Salt Mfrs.

Retsof Mining Co., 2 Rector, New York
Wadsworth Salt Co., Wadsworth, O.

Rock Wool

See Mineral Wool

12540a— *Rockers (Blotter)

ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*

12541— Rockers (Carboy)

Elmer & Amend ("Flaherty") 205 3rd av, New York
McCord, Horace M. & Co. ("Union"), Lumber Exchange, Minneapolis, Minn.
Munning Loeb Co. ("Nonesuch"), Matawan, N. J.

Rods (Aluminum)

See Aluminum, Sheets & Rods

12542—Rods (Anchor or Guy)

American Equipment Co., Norristown, Pa.
Amos Chas. & Co., 640 Hart av, Detroit, Mich.
Bethlehem Steel Co., So Bethlehem, Pa.
Cleveland City Forge & Iron Co., Cleveland, O.
Galvanized Products Co., Phillipsburgh, N. J.
Graham Nut Co., 1317 W Carson, Pittsburgh, Pa.
Hallett Iron Works ("Hallett"), Harvey, Ill.
Hubbard & Co. (Drop Forged & Welded Eyes), 63rd & Butler, Pittsburgh, Pa.
Joslyn Mfg. Co. & Supply Co., Chamber of Com bldg, Chicago, Ill.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Line Material Co., South Milwaukee, Wis.
Michigan Bolt & Nut Works, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Bolt & Nut Co., Pittsburgh, Pa.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
PITTSBURGH - DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction R. R., Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, O.
Republic Structural Iron Works Co., 1350 E 53d, Cleveland, O.
Smith Thos. Co., Worcester, Mass.
Wrought Washer Mfg. Co., Milwaukee, Wis.

12543— Rods (Awning)

Empire Galvanizing Co. (Galvanized) 2507 E Cumberland, Philadelphia, Pa.
Hubbard & Co. (Galvanized Iron), 63rd & Butler, Pittsburgh, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

12543a— *Rods (Bessemer)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Frasse Peter A. & Co., Inc., 417 Canal, New York. Works: Hartford, Conn.
See adv index at end of book

12544—Rods (Bessemer Coppered)

Washburn Wire Co., Phillipsdale, R. I.
Youngstown Sheet & Tube Co., Youngstown, O.

12545— Rods (Black Steel)

ALLOY STEEL PRODUCTS CORP., 30 Church, New York
See adv index at end of book
Kidd Drawn Steel Co., Aliquippa, Pa.

12546— Rods (Brace)

American Equipment Co., Norristown, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Pittsburgh Knife & Forge Co. (Car Frame), 709 Belmont, Pittsburgh, Pa.
Wrought Washer Mfg. Co., Milwaukee, Wis.

12547—Rods (Brake Lever Connecting)

Bethlehem Steel Co., So Bethlehem, Pa.
Cambria Steel Co., Widener bldg, Philadelphia, Pa.
Cleveland City Forge & Iron Co., Cleveland, O.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Michigan Electric Welding Co. (Automobile Assemblies), Detroit, Mich.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

12548—Rods (Brass & Copper)

ALLOY STEEL PRODUCTS CORP., 30 Church, New York
See adv index at end of book
AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Besly Chas. H. & Co. (Jobbers), 120 N Clinton, Chicago, Ill.
Bridgeport Brass Co., Bridgeport, Conn.
Bristol Brass Co. (Brass & Bronze), Bristol, Conn.
Champion Metals Co., 100 S. Jefferson, Chicago, Ill.
CHASE METAL WORKS, Waterbury, Conn.
CHASE ROLLING MILL CO., Waterbury, Conn.
Chicago Screw Co. (High Brass Only), 13 N Jefferson, Chicago, Ill.
Cleveland Brass & Copper Mills, Inc., 321-24, Guardian bldg., Cleveland, O.
Dallas A. C. & Son, 225 N Jefferson, Chicago, Ill.
Detroit Copper & Brass Rolling Mills (Also Bronze), Detroit, Mich.
French Mfg. Co. (Irregular Shapes & Solid Drawn), Waterbury, Conn.
Gardner B. M. Co., Guardian bldg, Cleveland, O.
Hendricks Bros. (Copper Only), 49 Cliff, New York
Hough W. S., Jr., Co., 61 Peck, Providence, R. I.
Hungerford U. T. Brass & Copper Co. (Yellow Metal & Tobin Bronze) 80 Lafayette, New York
Manhattan Brass Co., 332 E 28th, New York
MERCHANT & EVANS CO. (Jobbers), 2035 Washington av, Philadelphia, Pa.
See adv index at end of book
Metal Products Co., Inc., 100 So Jefferson, Chicago, Ill.
See adv index at end of book
Michigan Copper & Brass Co. (Also Bronze), Detroit, Mich.
MIDGLEY & PRENTICE, INC., 30 Church, New York
See adv index at end of book
Mueller Metals Co. (Brass), Port Huron, Mich.
New Jersey Tube Co. (Brass Only), Harrison, N. J.
North American Copper Co., 52 Vanderbilt av, Nek York
Philadelphia Brass Co., East Downingtown, Pa.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Randolph-Clowes Co., Waterbury, Conn.
Riverside Metal Co. (Red & Yellow Brass, Brass Only), Riverside, N. J.
Rome Brass & Copper Co. (Brass & Bronze), Rome, N. Y.
Rome Wire Co. ("Rome Wire"), Rome, N. Y.
See adv index at end of book
SCOVILL MFG. CO. (Brass Only), Waterbury, Conn.
See adv index at end of book
Standard Underground Cable Co., Pittsburgh, Pa.

Buyers of
SURPLUS STOCKS
MACHINERY,
Hardware, Steel, Wire, Brass and Copper Products
Midgley & Prentice, Inc.
30 Church St., New York City

Taunton-New England Copper Co. (Copper Only), Taunton, Mass.
TRUMPBOUR-WHITEHEAD BRASS & COPPER CO., 309-311 Canal, New York, & 43 No 7th, Phila.; Pa.
See adv index at end of book
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
See adv index at end of book
Waclark Wire Co. (Copper Only), 20 Exchange pl, New York
Waterbury Rolling Mills, Waterbury, Conn.
WHITEHEAD METAL PRODUCTS CO., 67-73 Washington North, Boston, Mass.
See adv index at end of book

12549—Rods (Bridge & Roof)

American Bolt Co., Birmingham, Ala.
American Equipment Co., Norristown, Pa.
Bayonne Bolt & Nut Co., Bayonne, N. J.
Bethlehem Steel Co., So Bethlehem, Pa.
Cambria Steel Co., Widener bldg, Philadelphia, Pa.
Cleveland City Forge & Iron Co., Cleveland, O.
Excelsior Fence Co., Spokane, Wash.
Frelinger J. G. Iron Works, 115 W 2d, **Cincinnati, O.**
Gary Screw & Bolt Co., Gary, Ind.
Graham Nut Co., 1317 W Carson, Pittsburgh, Pa.
Hastings Foundry & Iron Works, Hastings, Neb.
Hedden Iron Construction Co., Lyons Farms, Newark, N. J.
Hoopes & Townsend Co., Broad & Bottonwood, Philadelphia, Pa.
Huntington Iron Works, Huntington, W. Va.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lake Erie Iron Co., ft of E 63rd, Cleveland, O.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Lebanon Valley Iron & Steel Co., Lebanon, Pa.
Maryland Bolt Co., Continental bldg, Baltimore, Md.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Michigan Bolt & Nut Works, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Bolt & Nut Co., Pittsburgh, Pa.
New Castle Steel & Iron Co., Pittsburgh, Pa.
New England Bolt Co., Everett, Mass.
Old Dominion Iron & Nail Works Co., Belle Isle, Richmond, Va.
Pawtucket Mfg. Co., Pawtucket, R. I.
Payne's Bolt Works, 133 Howard, San Francisco, Cal.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Pittsburgh Forge & Iron Co., Chamber of Commerce bldg, Pittsburgh, Pa.
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction R. R., Pittsburgh, Pa.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.

RODS (BRIDGE & ROOF)—continued
Preble Edw., 103 Sumner, E B, Boston, Mass.
Racky Albert C., 531 S 5th av, Chicago, Ill.
Republic Iron & Steel Co., Youngstown, O.
Roe & Conover, 206 Frelinghuysen av, Newark, N. J.
See adv index at end of book
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
Scranton Bolt & Nut Co., Scranton, Pa.
Smith Thos. Co., Worcester, Mass.
Standard Parts Co., The, Cleveland, O.
See adv index at end of book
Wendt Albert H., 456 E 2d, Cincinnati, O.
Worden-Allen Co., P. O. Box 528, Milwaukee, Wis.

12550— Rods (Bronze)

See also Rods, Manganese Bronze

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Cleveland Brass & Copper Mills, Inc., Guardian bldg, Cleveland, O.
Cramp Wm. & Sons Ship & Engine Bldg. Co., Beach & Ball, Philadelphia, Pa.
Fischer-Sweeney Bronze Co., Hoboken, N. J.
Gardner, B. M., Co., Guardian bldg, Cleveland, O.
North American Copper Co., 52 Vanderbilt av, New York
Riverside Metal Co., Riverside, N. J.
Rome Wire Co. ("Rome Wire"), Rome, N. Y. *See adv index at end of book*
SCOVIL MFG. CO., Waterbury, Conn.
See adv index at end of book
Titan Metal Co., Bellefonte, Pa.
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
See adv index at end of book
Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.

12551-2— Rods (Camber)

Bethlehem Steel Co., So Bethlehem, Pa.

Rods (Carbon)

See Carbon Mfrs.

12553— Rods (Chair)

Corbin Screw Corp., New Britain, Conn.
Lamson & Sessions Co., 2188 Scranton rd, S W, Cleveland, O.
National Screw & Tack Co., Cleveland, O.
Reed & Prince Mfg. Co. (Wood Screw Point), Worcester, Mass.
Russell Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.

12553a— Rods (Conductor)

Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Lanz M & Sons, 2907 Carson, Pittsburgh, Pa.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

12554—Rods (Conduit Wiring & Cleaning)

Bissell F. Co. ("Security"), Toledo, O.
Bond Harold L. Co. ("Felton"), 391 Atlantic av, Boston, Mass.
Cleverly Electrical Wks, 17 N 17th, Phila. Pa.
Cope T. J. ("Cope's"), 1620 Chancellor, Philadelphia, Pa.
DIAMOND EXPANSION BOLT CO. ("Empire," "Go-Easy," "Trident"), 89 West, New York
See adv index at end of book
Meckel Fred L., 11 E 13th, Chicago, Ill.
National Metal Molding Co. (Automobile & Metalic), Fulton bldg, Pittsburgh, Pa.
Standard Underground Cable Co. ("Empire," Duct Rods), Pittsburgh, Pa.

12555— Rods (Connecting)

American Forge Works, Denver, Colo.
Anderson Forge & Machine Co., Detroit, Mich.
Bay City Forge Co., 1820 Cranberry, Erie, Pa.
Bethlehem Steel Co., South Bethlehem, Pa.
Boston Forge Co., E Boston, Mass.
Brylgon Steel Casting Co. (Cast Steel), New Castle, Pa.
Carnegie Steel Company, Carnegie bldg, Pittsburgh, Pa.
Chester Steel Castings Co., 407 Sanson, Phila., Pa.
Cleveland City Forge & Iron Co., Cleveland, O.
Columbus Anvil & Forging Co., Columbus, O.
Crucible Steel Co. of America (Forged), Oliver bldg, Pittsburgh, Pa.
Driggs-Seabury Ordnance Co., Sharon, Pa.
Ellwood City Forge Co., Ellwood City, Pa.
Erie Forge Co. (Forged), Erie, Pa.
Graham Nut Co., 1317 W Carson, Pittsburgh, Pa.
Hill-Smith Metal Goods Co., 88 Pearl, Boston, Mass.
Horsburgh Forge Co., 17310 St. Clair, Cleveland, O.
Ingalls-Shepard Forging Co., 332 S Michigan, Chicago, Ill.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Keystone Drop Forge Works, Chester, Pa.
Kropp Forge Co., 2512 W 21st, Chicago, Ill.
Leard Wm. E., New Brighton, Pa.
Lodish Drop Forge Co., Cudahy, Wis.
Mesta Mach. Co. (Forged Steel), Pittsburgh, Pa. *See adv index at end of book*
National Bolt & Nut Co., Pittsburgh, Pa.
Ohio Forge Co. (Forged), Cleveland, O.
Page Storms Drop Forge Co. (Drop Forged), Chicago, Ill.
Pennington Geo. W. Sons, 1699 Montgomery, San Francisco, Cal.
Penna. Forge Co., Wakeling & Bermuda, Philadelphia, Pa.
Pettibone, Mulliken & Co., 14 S Dearborn, Chicago, Ill.
Phila. Steel & Forge Co., 50 Church, New York
Pittsburgh Knife & Forge Co., 709 Belmont, (Brake Lever), N S., Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction RR, Pittsburgh, Pa.
Pratt & Letchworth Co., Buffalo, N. Y.
Reading Iron Co., Reading, Pa.
Richmond Forgings Corp. (Drop Forged), Richmond, Va.
Sizer Forge Co., 238 Larkin, Buffalo, N. Y.
Smith A. O. Co. (Drop Forged), Milwaukee, Wis.
Standard Gauge Steel Co., Beaver Falls, Pa.
Steel Products Co., 2206 Clarkwood av, S E, Cleveland, O.
Tindel-Morris Co., Eddystone, Pa.
Titusville Forge Co., Titusville, Pa.
Transue & Williams Steel Forging Corp. (Drop Forged), Alliance, O.
Union Drop Forge Co. (Drop Forged), 353 W Grand av, Chicago, Ill.
Vulcan Steam Forging Co., 251 Rano, Buffalo, N. Y.
Western Drop Forge Co. (Drop Forged), P. O. Box 386, Marion, Ind.
Western Tool & Forge Co. (Automobile), Breckenridge, Pa.

12556— Rods (Core)

Advance Engineering Co., Metta av, Cleveland, O.
Franklin Core Rod & Gagger Co., Franklin, Pa.

12557— Rods (Curtain)

American Pin Co. ("Ampinco" Extension), Waterbury, Conn.
American Ring Co., Waterbury, Conn.
Barrett W. C. & Bro. ("Barrett" Flexible), 603 N La Salle, Chicago, Ill.
Berbecker & Rowland Mfg. Co. (& Brass Curtain Fixtures), Waterville, Conn.
Blake Signal & Mfg. Co. ("Snap" Extension), 251 Causeway, Boston, Mass.
Estes E. B. & Sons (Wooden), 364 5th av, New York *See adv index at end of book*
Fowler & Co., Worcester, Mass.
Gould-Mesereau Co. (Extension), 52 W 38th, New York
Henry C. P. Novelty Co. (Extension), 184 Early, Providence, R. I.
Jamestown Curtain Rod Co. ("Anchor"), Jamestown, N. Y.
Kirsch Mfg. Co., Sturgis, Mich.
Morgan Spring Co. ("Fowler") Worcester, Mass.
See adv index at end of book
Newell Mfg. Co. (Brass, Steel & Brass Plated Extension), Ogdensburg, N. Y.
Parker Wire Goods Co. (Sash & Drapery Extension), Worcester, Mass.
Richards Benj. & Co., Winsted, Conn.
Spencer Wire Co., Worcester, Mass.
Turner & Seymour Mfg. Co., Torrington, Conn.
Wire Goods Co., Worcester, Mass.

12558— Rods (Dock)

American Equipment Co., Norristown, Pa.
Cleveland City Forge & Iron Co., Cleveland, O.
Continental Bolt & Iron Works, 2225 W 43rd, Chicago, Ill
National Bolt & Nut Co., Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction RR, Pittsburgh, Pa.

12558a— Rods (Dowel)

Established 1847 **E. B. ESTES & SONS**
Manufacturers of
White Birch and Hardwood Dowel Rods
Grooved and Pointed Furniture Dowel Pins, Beaded and Rope Twist Dowels, Spindles, Knobs, Betwells and Automatic Lathe Work for Furniture Factories.
364 5th AVENUE NEW YORK CITY

12559— Rods (Drill)

Aborn Steel Co. (Regular & Special), 22 Clarke, New York
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Century Steel Co. of Am., Poughkeepsie, N. Y.
Colonial Steel Co., 324 4th av, Pittsburgh, Pa.
Crucible Steel Co. of America (Polished, Scoured, Lime-Finished High Speed Steel), Oliver bldg, Pittsburgh, Pa.
FEDERAL TOOL & ALLOYD STEEL CORP., 12 Platt, New York
FRASSE PETER A. & CO. (INC.) ("Brunton's," Also High Speed), 417 Canal, New York
See adv index at end of book
Globe Wire Co. (Ltd.) (Polished), Sharpsburg, Pa.
HALCOMB STEEL CO. (Crucible Steel), Syracuse, N. Y.
See adv index at end of book
Kidd Drawn Steel Co. (Polished, Square & Special), Aliquippa, Pa.
Lancaster Steel Products Co., Lancaster, Pa.
Logan Iron & Steel Co. (Iron), Morris bldg, Philadelphia, Pa.
National Drawn Steel Co., East Liverpool, Ohio
National Tube Co. ("Shelby" Seamless Steel Tubing), Frick bldg, Pittsburgh, Pa.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Peerless Drawn Steel Co., Massillon, O.
Pittsburgh Tool Steel Wire Co. ("Monaca," "Champion"), Monaca, Pa.
Spencer Wire Co. (High Speed Steel) Worcester, Mass.
SWEDISH IRON & STEEL CORP., 12 Platt, New York
See adv index at end of book
WETHERELL BROS. CO., 31 Oliver, Boston, Mass. *See adv index at end of book*

12560—Rods (End Measuring)

Brown & Sharpe Mfg. Co., Providence, R. I.
Slocomb J. T. Co., 35 Oxford, Providence, R. I.

12561— Rods (Eye)

See also Bolts, Hook & Eye

Anderson Forge & Machine Co., Detroit, Mich.
Bethlehem Steel Co., So. Bethlehem, Pa.
Cleveland City Forge & Iron Co., Cleveland, O.
Kansas City Bolt & Nut Co., Kansas City, Mo.

Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Michigan Bolt & Nut Works, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Bolt & Nut Co., Pittsburgh, Pa.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction R. R., Pittsburgh, Pa.
Scranton Bolt & Nut Co., Scranton, Pa.

Rods (Fibre)

See Fibre, Hard

12562— Rods (Fishing)

Divine Fred D. Co., Utica, N. Y.
Estes E. B. & Sons (Wooden), 364 5th av, New York. *See adv index at end of book*
Heddon Jas. & Son ("Dowagiac"), Dowagiac, Mich.
Horrocks-Ibbotson Co., Utica, N. Y.
Horton Mfg. Co. ("Bristol," "Rainbow," "Luckie" Steel), Bristol, Conn.
Montague City Rod Co., Montague City, Mass.
Orvis Chas. F. Co. (Split Bamboo), Manchester, Vt.
Payne E. F. & Son, Highland Mills, N. Y.
Pepper John, Sr., Rome, N. Y.
Redifor Rod & Reel Co. ("Redifor," Bamboo & Hardwood), Warren, O.
Thomas F. E. ("Thomas" Split Bamboo), Bangor, Me.
Union Hardware Co. (Steel), Torrington, Conn.
Van Doren Mfg. Co. ("Champion" Steel), Chicago Heights, Ill.

12563—Rods (Gauging & Wantage)

Kraft A. C. (Barrel), 323 W Lake, Chicago, Ill.
Lufkin Rule Co., Saginaw, Mich.
Tagliabue Chas. J. Mfg. Co., 18 33d, Brooklyn, N. Y.

12564—Rods (German Silver)

American Brass Co., Waterbury, Conn.
For branch offices see adv index at end of book
Besly Chas. H. & Co. (Jobbers), 120 N Clinton, Chicago, Ill.
Bridgeport Brass Co., Bridgeport, Conn.
Chase Rolling Mill Co., Waterbury, Conn.
Hough W. S. Jr. Co., 61 Peck, Providence, R. I.
North American Copper Co., 52 Vanderbilt av, New York
Plume & Atwood Mfg. Co., Waterbury, Conn.
Reeves Paul S. & Co., 1415 Catharine, Phila., Pa.
Riverside Metal Co., Riverside, N. J.
SCOVILL MFG. CO., Waterbury, Conn.
See adv index at end of book
Seymour Mfg. Co, Seymour, Conn
Shimer, McGlynn & Co., 19th & Washington av, Philadelphia, Pa.
Trumpbour-Whitehead Brass & Copper Co., 309-311 Canal, New York, & 43 No 7th, Phila., Pa. *See adv index at end of book*
Whitehead Metal Products Co., 67-73 Washington, North Boston, Mass.
See adv index at end of book

Rods (Glass)

See Tubing, Glass

Rods (Gun Cleaning)

See Tools, Gun Cleaning & Reloading

Rods (Hard Fibre)

See Fibre, Hard

12565—Rods (Hollow Drill)

Crucible Steel Co. of America (Steel), Oliver bldg, Pittsburgh, Pa.
Plass L Co., 130 Pearl, New York
Seamless Tube Co. of America (Seamless Cold Drawn Steel), Frick bldg, Pittsburgh, Pa.

12566— Rods (Hydrant)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Hauer J. B., 23 Richardson, Brooklyn, N.Y.
Hays Mfg. Co., Erie, Pa.
Salem Brass & Iron Mfg. Co., Salem, N. J
Sanitary Cesspool Co, 333 S 20th, Phila., Pa.

12567— Rods (Leveling)

Buff & Buff Mfg. Co., 98 Green, Jamaica Plains, Boston, Mass.
Chicago Steel Tape Co., 6231 Cottage Grove av, Chicago, Ill.
Gurley W. & L. E. (& Stadia Rods), Troy, N. Y.
Keuffel & Esser Co., Hoboken, N. J.

12568-9—Rods (Manganese Bronze)

American Manganese Bronze Co., 3501 Rhawn, Philadelphia, Pa.
Cramp Wm. & Sons Ship & Engine Building Co. ("Parson's" Beach & Ball), Phila., Pa.
Economy Welding Machine Co. ("Economy"), Kansas City, Mo.
Reeves Paul S. & Co. (Rolled), 1415 Catharine, Phila., Pa.
Riverside Metal Co., Riverside, N. J.

12570— Rods (Measuring)

Aloe A. S. Co., 621 Olive, St. Louis, Mo.
Brown & Sharpe Mfg. Co., Providence, R. I.
Elliott B. K. Co. (Level & Mine), 126 6th, Pittsburgh, Pa.
Keuffel & Esser Co., Hoboken, N. J.
Pratt Engineering & Machine Co. (Acid), Atlanta, Ga.
Pratt & Whitney Co., Hartford, Conn.
Scott Olin (Est. of) (U. S. Standard), Bennington, Vt.
Slocomb J. T. Co., 35 Oxford, Providence, R. I.

12571— Rods (Mitre)

Disston Henry & Sons (Masons), Tacony, Phila., Pa.

12572—*Rods (Monel Metal)

Bayonne Casting Co., Bayonne, N. J.
Driver-Harris Co., Harrison, N. J.
Electrical Alloy Co. (Round, Flat & Special Shapes), Morristown, N. J.
WILLIAMS & CO. (INC.), 220-226 Penn av, Pittsburgh, Pa.
See adv index at end of book

12573—Rods (Morris Chair)

Berbecker & Rowland Mfg. Co. (Brass), Waterville, Conn.

12574—*Rods (Naval Bronze)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

12574a— *Rods (Nickel)

WILLIAMS & CO. (INC.), 220-226 Penn. av, Pittsburgh, Pa.
See adv index at end of book

12574a—*Rods (Nickel Silver)

AMERICAN BRASS CO., Waterbury, Conn.
See adv index at end of book

12575—Rods (Phosphor Bronze)

Hough W. S. Jr. Co., 61 Peck, Providence, R. I.
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York
MERCHANT & EVANS CO., 2035 Washington av, Philadelphia, Pa.
See adv index at end of book
North American Copper Co., 52 Vanderbilt av, New York
Phosphor Bronze Smelting Co., 2200 Washington av, Philadelphia, Pa.
Reeves Paul S. & Co. (Rolled), 1415 Catharine, Phila., Pa.
Riverside Metal Co., Riverside, N. J.
Seymour Mfg. Co., Seymour, Conn.
Shimer, McGlynn & Co., 19 & Washington av, Philadelphia, Pa.
Trumpbour-Whitehead Brass & Copper Co., 309-311 Canal, New York, & 43 No 7th, Philadelphia, Pa.
See adv index at end of book
Whitehead Metal Products Co., 67-73 Washington, North, Boston, Mass.
See adv index at end of book

12576— Rods (Piston)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
American Forge Works, Denver, Col.
Bay City Forge Co., 1820 Cranberry, Erie, Pa.
Bethlehem Steel Co., South Bethlehem, Pa.
Boston Forge Co. (Steel), E Boston, Mass.
Braeburn Steel Co. (Steel), Braeburn, Pa.
Brightman Mfg. Co., Columbus, O.
Cambria Steel Co., Widener bldg, Philadelphia, Pa.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Carbon Steel Co., ft 32d, Pittsburgh, Pa.
Chambersburg Engng Co. (Hammers), Chambersburg, Pa.
Columbia Steel & Shafting Co., Kirkwood, Pittsburgh, Pa.
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Driggs-Seabury Ordnance Co., Sharon, Pa.
Erie Forge Co. (Heads, Hollow Bored or Solid), Erie, Pa.
Jones & Laughlin Steel Co. (Cold Rolled Steel), Ross, Pittsburgh, Pa.
Laclede Steel Co. (Drop Steam Hammers), Federal Bank bldg., St. Louis, Mo.
Penna. Forge Co., Wakeling & Bermuda, Philadelphia, Pa.
Phila. Steel & Forge Co., 50 Church, New York
Phosphor Bronze Smelting Co., 2200 Washington av, Phila., Pa.
Reading Iron Co., Reading, Pa.
Reeves Paul S. & Co. (Red & Yellow Brass, Bronze, also "Tubal" Manganese, Phosphor & Acid Resisting Bronze), 1415 Catharine, Phila., Pa.
Republic Iron & Steel Co. (Cold Drawn Polished Steel), Youngstown, O.
Riverside Metal Co. (Red & Yellow Brass, Bronze, Manganese Bronze, Phosphor & Acid Resisting Bronze), Riverside, N. J.
Standard Steel Wks. Co., Morris bldg, Phila., Pa.
Taunton-New Bedford Copper Co. (Yellow Metal), Taunton, Mass.
Titusville Forge Co., Titusville, Pa.
Union Drawn Steel Co. (Cold Drawn Steel), Beaver Falls, Pa.

Rods (Platinum)

See Platinum, Sheet & Wire

12577— Rods (Pump)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Bliss & Laughlin, Harvey, Ill.
Bridgeport Brass Co. ("Crown"), Bridgeport, Conn.
Brightman Mfg. Co., Columbus, O.
Cook August D., Lawrenceburg, Ind.
Fitzsimons Co. (Polished Steel), Youngstown, O.
Jones & Laughlin Steel Co. (Cold Rolled Steel), Ross, Pittsburgh, Pa.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Reeves Paul S. & Co. (Red & Yellow Brass, Bronze, also "Tubal" Manganese, Phosphor & Acid Resisting Bronze), 1415 Catharine, Phila., Pa.
Republic Iron & Steel Co. (Cold Drawn Polished Steel), Youngstown, O.
Riverside Metal Co. (Red & Yellow Brass), Phosphor Bronze, Manganese & Acid Resisting Bronze), Riverside, N. J.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Taunton-New Bedford Copper Co. (Yellow Metal), Taunton, Mass
Union Drawn Steel Co. (Cold Drawn Steel), Beaver Falls, Pa.
WILLIAMS & CO. (INC.) (Monel Metal), 220-226 Penn av, Pittsburgh, Pa.
See adv index at end of book

12577a—*Rods ("Py-ra-Lin")

du PONT E. I. de NEMOURS & CO. (The Arlington Wks.), (Transparent & Opaque Colored & Colorless), 725-27 B'way, New York

12578— Rods (Rake)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book

12579— *Rods (Resistance)

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

12580— Rods (Rivet)

Carnegie Steel Co. (Open Hearth Steel), Carnegie bldg, Pittsburgh, Pa.

12581—Rods (Roller Bearing)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Union Drawn Steel Co. (Cold Drawn High Carbon Steel), Beaver Falls, Pa.
Washburn Wire Co., Phillipsdale, R. I..

Rods (Rubber)

See Rubber Rods & Sheets

12582—Rods (Sash Curtain)

Cassady Fairbank Mfg. Co. (Spring), 6126 S La Salle, Chicago, Ill.
Morgan Spring Co. (Detachable), Worcester, Mass. *See adv index at end of book*
Res Mfg. Co. ("Res"), 2907 Melnecke av, Milwaukee, Wis.
Turner & Seymour Mfg. Co., Torrington, Conn.
Wire Goods Co. (Adjustable), Worcester, Mass.

12583— Rods (Screw)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Disston Henry & Sons, Tacony, Phila., Pa.
Fitzsimons Co. (Polished Steel), Youngstown, O.
Jones & Laughlin Steel Co. (Steel Bessemer), Ross, Pittsburgh, Pa.
Parker Chas. Co., Meriden, Conn.
Peck, Stow & Wilcox Co. ("Samson"), Southington, Conn.

12584— Rods (Sewer)

Bissell F. Co. ("Security," That Joint & Unjoint), Toledo, O.
Bond Harold L. Co. ("Felton"), 391 Atlantic av, Boston, Mass.
Diener Geo. W. Mfg. Co., 40 Monticello Co, Chicago, Ill.

12585— Rods (Side)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Carbon Steel Co., ft. 32nd, Pittsburgh, Pa.
Erie Forge Co. (For Brick Machines), Erie, Pa.
Standard Steel Wks. Co., Morris bldg, Phila., Pa.

12586— Rods (Silo)

American Equipment Co., Norristown, Pa.
ERIE CAR WORKS, 1150 W 17th, Erie, Pa.
Inland Steel Co. (Open Hearth Steel), First Nat'l Bank bldg, Chicago, Ill.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Laclede Steel Co., Federal Reserve Bank bldg, St. Louis, Mo.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.

12587— Rods (Stair)

Berbecker & Rowland Mfg. (Brass Plated), Waterville, Conn.
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Judd H. L. Co., 87 Chambers, New York
Kroder John & Hy. Reubel Co. (Wood, etc), 107 E 17th, New York
Turner & Seymour Mfg. Co. (Metal), Torrington, Conn.

12588— Rods (Steel)

Morgan Spring Co., Worcester, Mass.
See adv index at end of book

Rods (Steel Hammer)

See Rods & Rams, Steel Hammer

12589— Rods (Stove)

Adams Company (Slotted Heads), Dubuque, Ia.
American Screw Co., 21 Stevens, Providence, R. I.
Berry Bros. (And Seat), Columbus, O.
Boston Forge Co. (Steel), E, Boston, Mass.
Braeburn Steel Co. (Steel), Braeburn, Pa.
Brightman Mfg. Co., Columbus, O.
Cambria Steel Co., Johnstown, Pa.
Carbon Steel Co., ft. 32d, Pittsburgh, Pa.
Columbia Steel & Shafting Co., Kirkwood, Pittsburgh, Pa.
Corbin Screw Corporation, New Britain, Conn.
Crucible Steel Co. of America, Pittsburgh, Pa.
Driggs-Seabury Ordnance Corp., Sharon, Pa.
Fanner Mfg. Co., Cleveland, O.
Ireland & Matthews Mfg. Co., Detroit, Mich.
Kirk-Latty Mfg. Co., W 58th (bet Detroit & Madison av), Cleveland, O.
Lamson & Sessions Co., 2188 Scranton rd, S W, Cleveland, O.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Screw & Tack Co., Cleveland, O.
Ohio Nut & Bolt Co., Berea, O.
Reed & Prince Mfg Co., Worcester, Mass.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Troy Nickel Works, Albany, N. Y.
Upson Nut Co., Cleveland, O.
Washburn Wire Co., Phillipsdale, R. I.
Wehrle Co., Newark, O.

12590— Rods (Sucker)

Axelson Machine Co. ("Axelson"), 1406 San Fernando, Los Angeles, Cal.
Beede M. W. & Son, Jefferson, O.
Bradford Supply Co., Warren, Pa.
Columbus Sucker Rod Co. (Wood, for Oil & Water Wells), Columbus, O.
Cook August D. (Wood), Lawrenceburg, Ind.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Kile Mfg. Co., Akron, O.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Vogan J. P., Franklin, Pa.
Warren Tool & Forge Co. (Elevator), Warren, O.
Weinman Pump Mfg. Co. (Wood), 300 Spruce, Columbus, O.

Rods (Tedder)

See Rods, Rake

12591— Rods (Threaded)

American Equipment Co., Norristown, Pa.
Chicago Nut Co., 2513 W 20th, Chicago, Ill.
Niles Mfg. Co. (Brass), 216 S Jefferson, Chicago, Ill.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pheoll Mfg. Co., 3700 W 12th, Chicago, Ill.

12592— Rods (Tie)

American Bridge Co. (For Steel Railways, Roofs, etc), 30 Church, New York
American Equipment Co., Norristown, Pa.
Ames W. & Co., Communipaw av, Jersey City, N. J.
Bayonne Bolt & Nut Co., Bayonne, N. J.
Bethlehem Steel Co., So. Bethlehem, Pa.
Champion Iron Co. (Beam), Kenton, O.
Cleveland City Forge & Iron Co., Cleveland, O.
Easton Car & Construction Co., 15 Center Square, Easton, Pa.
See adv index at end of book
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Huntington Iron Works, Huntington, W. Va.
Illinois Car & Mfg. Co., 20 W Jackson blvd, Chicago, Ill.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Lebanon Valley Iron & Steel Co., Lebanon, Pa.
Maryland Bolt Co., Continental bldg, Baltimore, Md.
Michigan Bolt & Nut Works, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
Mulvey Chas. Mfg. Co., 1840 Carroll av, Chicago, Ill.
National Bolt & Nut Co., Pittsburgh, Pa.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsbprgh, Pa.
Republic Iron & Steel Co., Youngstown, O.
Republic Structural Iron Works Co., 1350 E 53d, Cleveland, O.
Roe & Conover, 206 Frelinghuysen av, Newark, N. J.
See adv index at end of book
Scranton Bolt & Nut Co., Scranton, Pa.
Steel Car Forge Co. (Upset or Plain Threaded), Frick bldg, Pittsburgh, Pa. Works: Ellwood City, Pa.
Western Tool & Forge Co., Brackenridge, Pa.

12593—*Rods ("Tobin" Bronze & Copper)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

12594— Rods (Towel)

See also Racks, Towel

American Tube & Stamping Co. (Removable, Adjustable, Can Be Made Any Length), Bridgeport, Conn.
Estes E. B. & Sons (Wooden), 364 5th av, New York *See adv index at end of book*
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Stephenson C. H. ("Stephenson" Glass & Metal), Lynn, Mass.

Rods (Truss)

See Rods, Bridge & Roof

12594a— *Rods (Umbrella)

Estes E. B. & Sons (Wood), 364 5th av, New York. *See adv index at end of book*

12595— Rods (Upset)

American Bridge Co., 30 Church, New York
Bayonne Bolt & Nut Co., Bayonne, N. J.
Bethlehem Steel Co., So. Bethlehem, Pa.
Cleveland City Forge & Iron Co., Cleveland, O.
Continental Bolt & Iron Works, 2225 W 43d, Chicago, Ill.
ERIE CAR WORKS, 1150 W 17th, Erie, Pa.
Gary Screw & Bolt Co. (With Upset or Plain Ends), Gary, Ind.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Illinois Car & Mfg. Co., 20 W Jackson blvd, Chicago, Ill.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Michigan Bolt & Nut Works, Detroit, Mich.
National Bolt & Nut Co., Pittsburgh, Pa.
New Castle Steel & Iron Co., Pittsburgh, Pa.
O'Leary Arthur J. & Son Co., 65th & So. 57th av, Chicago, Ill.
Old Dominion Iron & Nail Works Co., Belle Isle, Richmond, Va.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction R. R., Pittsburgh, Pa.
Pittsburgh Screw & Bolt Co. (With Upset or Plain Ends), Preble av, Pittsburgh, Pa.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
Steel Car Forge Co., Pittsburgh, Pa.
Valley Forging Co., Verona, Pa.

12596—Rods (Ventilator Controlling)

Peters Jas. & Son, 1934 N Front, Phila., Pa.

12597—Rods (Vulcanized Fibre)

See also Fibre, Hard

American Vulcanized Fibre Co., 504 Equitable bldg, Wilmington, Del.
Continental Fibre Co. (Also "Bakelite-Dilecto" & "Continental Bakelite"), Newark Centre, Del.
DELAWARE HARD FIBRE CO., Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*
Diamond State Fibre Co., Elsmere, Del.
Nat'l Fibre & Insulation Co., Yorklyn, Del.

12598— Rods (Welding)

Bierman-Everett Foundry Co., Irvington, N. J.
Boston Casting Co., 156 Pearl, Boston, Mass.
Economy Welding Machine Co. (Aluminum, Brass, Cast Iron, Phosphor Bronze, Steel & Swedish Wire), Kansas City, Mo.
Page Steel & Wire Co., 30 Church, New York. *See adv index at end of book*

12599—Rods (White Metal)

Riverside Metal Co., Riverside, N. J.
Seymour Mfg. Co., Seymour, Conn.

12600— Rods (Wire)

AMERICAN STEEL & WIRE CO. (Of Open Hearth & Bessemer Steel), 208 S La Salle, Chicago, Ill. *See adv index at end of book*
Ashland Steel Co. (Bessemer Steel), Ashland, Ky.
Atlantic Steel Co. (Open Hearth Steel), Atlanta, Ga.
Cambria Steel Co., Widener bldg, Phila., Pa.
Carpenter Steel Co., Reading, Pa.
Colorado Fuel & Iron Co., Denver, Colo.
Crouch W. J. Co., Inc., 253 B'way, New York
Grand Crossing Tack Co. (Bessemer & Open Hearth), S Chicago av & E 79th, Chicago, Ill.
Gulf States Steel Co., Birmingham, Ala.
Illinois Steel Co., 208 S La Salle, Chicago, Ill.
Interstate Iron & Steel Co., First Nat'l Bank bldg, Chicago, Ill.
Kokomo Steel & Wire Co. (Small), Kokomo, Ind.
McINNES CHARLES E. & CO., Mariner & Mchts. bldg, Phila., Pa.
Morgan Spring Co., Worcester, Mass. *See adv index at end of book*
Page Steel & Wire Co., 30 Church, New York. *See adv index at end of book*
Pittsburgh Steel Co., 5th av & Grant, Pittsburgh, Pa.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J. *See adv index at end of book*
Standard Underground Cable Co. (Copper Wire Only), Pittsburgh, Pa.
Wasburn Wire Co., Phillipsdale, R. I.
Wickwire Bros., Cortland, N. Y.
Wickwire Steel Co., Buffalo, N. Y.

12601— Rods (Wood Saw)

Disston H. & Sons, Tacony, Phila., Pa.
Sargent & Co. ("Ajax"), New Haven, Conn.

12602—Rods (Yellow Metal)

AMERICAN BRASS CO., Waterbury, Conn. *For branch offices see adv index at end of book*

12603— Rods (Zinc)

Edes Mfg. Co., Plymouth, Mass.
Hough W. S. Jr., Co., 61 Peck, Providence, R. I.
Merchant & Evans Co. (For Battery & Other Purposes), 2035 Washington av, Phila., Pa. *See adv index at end of book*
North American Copper Co., 52 Vanderbilt av, New York

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL REGISTER

12604—Rods & Rams (Steel Hammer)

Bay City Forge Co., 1820 Cranberry, Erie, Pa.
Bethlehem Steel Co., South Bethelehem, Pa.
Erie Forge Co. (Enlarged Base, Rectangular), Erie, Pa.
Titusville Forge Co., Titusville, Pa.

12605—Roll Bars & Bed Plates (Paper Mill Engine)

American Knife Co., Baldwinsville, N. Y.
Anderson Knife & Bar Co., Anderson, Ind.
Clark H. C. & Son Machine Co., Lee, Mass.
Dayton Beater & Hoist Co., Dayton, Ohio
Dillon Machine Co., Lawrence, Mass.
Dilts Machine Works (Special Alloy Roll Bars for Beating Engines), Fulton, New York
Dowd R. J. Knife Works, Beloit, Wis.
Eagle Knife & Bar Co., Lawrence, Mass.
Hankey A. & Co., Rochdale, Mass.
Holyoke Bar Co., Holyoke, Mass.
Horne J. H. & Sons Co., Lawrence, Mass.
Mills Machine Co., Lawrence, Mass.
Noble & Wood Machine Co., Hoosic Falls, N. Y.
Shartle Bros. Machine Co., Middletown, O.
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass. *See adv index at end of book*
Taylor, Stiles & Co., Riegelsville, N. J.

12606—Roll Grinding & Corrugating

Acme Mill Works, Greensboro, N. C.
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Am. Metallic Packing Co., Lexington, Ky.
Barnard Mfg. Co., Spokane, Wash.
Barnard & Less Mfg. Co., Moline, Ill.
Barry-Wehmiller Machinery Co., 6501 Florissant, St. Louis, Mo.
Bollinger Bros., Fulton bldg, Pittsburgh, Pa.
Buffalo Engine Co., Buffalo, N. Y.
CALDWELL W. E. CO., Louisville, Ky. *See adv index at end of book*
Carnelius Mill Furnishing Co., 1119 N 6th, St. Louis, Mo.
Harrisburg Roll Grinding & Corrugating Co., Harrisburg, Pa.
Nashville Machine Co., Nashville, Tenn.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Noye Bros. Co., Buffalo, N. Y.
Portland Iron Works, 14th & Northrup, Portland, Ore.
Reilly A. E., 176 N Division, Buffalo, N. Y.
Rochester Roll Grinding & Corrugating Co., Rochester, N. Y.
Salem Foundry & Machine Works, Salem, Va.
Salt Lake Iron & Steel Co., Salt Lake City, Utah
Simpson-Orville Co., Cincinnati, O.
Sprout, Waldron & Co., Muncy, Pa.
Starr B. F. Co., Guilford av & Center, Baltimore, Md.
Strong-Scott Mfg. Co., 413 S 3rd, Minneapolis, Minn.
Western Foundry & Machine Works, Topeka, Kans.
Wolf Co., Chambersburg, Pa.

12607— Roller Coasters

Ingersoll Construction Co., 324 4th av, Pittsburgh, Pa.
Rundle Novelty Co., 142 N 3rd, Columbus, O.

Roller Mills

See Mills. Roller Grinding

12608— Roller Skate Parts

Worcester Pressed Steel Co., Worcester, Mass.

12609—Roller & Pulverizer Combined

Bucher & Gibbs Plow Co., Canton, O.
Crookston Mfg. Co., Crookston, Minn.
Duisdieker Foundry & Mfg. Co. ("Cyclone"), Pekin, Ill.
Dunham Co. ("Dunham"), Hippodrome Bldg, Cleveland, O.
Fulton Machine Co. ("The Cyclone"), Canal, Fulton, O.
Lean Roderick Mfg. Co. ("Roderick Lean"), Mansfield, Ohio
Ohio Cultivator Co. (Sizes 6, 7½, 9, 12 ft.), Bellevue, O.
Peterson Mfg. Co., Kent, O.
Sterling Mfg. Co., Sterling, Ill.

12610— Rollers (Awning)

Columbia Mills, 225 5th av, New York
Stephenson Mfg. Co. (Wood), South Bend, Ind.

12611— Rollers (Barn Door)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Arnold Co., Norwalk, Conn.
Cheney S. & Son, Manlius, N. Y.
Griffin Mfg. Co., Erie, Pa.
Hunt, Helm, Ferris & Co., Harvard, Ill.
Lawrence Bros., ("Union," "Faultless"), Sterling, Ill.
National Mfg. Co., Sterling, Ill.
Ney Mfg. Co., Canton, O.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn.
Swett A. L. Iron Works, Medina, N. Y.
Swineford G. A. Co., Canton, O.
Wrightsville Hardware Co., Wrightsville, Pa.

12612—Rollers (Barn Door, Stay)

Aurora Door Hanger & Specialty Co., Aurora, Ill.
Cronk & Carrier Mfg. Co., Elmira, N. Y.
Frantz Mfg. Co ("Glide"), Sterling, Ill.
Myers F. E. & Bro., 800 Orange, Ashland, O. *See adv index at end of book*
National Mfg. Co., Sterling, Ill.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn. Hardware Co., Reading, Pa.
Richards-Wilcox Mfg. Co. ("Richards-Wilcox"), Aurora, Ill.
Sargent & Co., New Haven, Conn.
Stowell Co., The, So. Milwaukee, Wis.

12613— Rollers (Cable)

(For Pulling in Cables)

Bissell F. Co., Toledo, O.
Fairmount Electric & Mfg. Co, 59th & Woodland av, Phila., Pa.

Rollers (Car Curtain)

See Rollers & Fixtures. Car Curtain

12614—Rollers (Car Door Lumber)

American Logging Tool Co., Evart, Mich.
Zelnicker Walter A. Supply Co. ("Zelnicker"), 325 Locust, St. Louis, Mo.

12614a— Rollers (Caster)

Estes E. B. & Sons (Wood), 364 5th av, New York. *See adv index at end of book*

12615— Rollers (Concrete)

Buffum Tool Co. ("Swastika," Bush Hammer, Indentation, etc), South Side, Louisiana, Mo.
Crescent Novelty Mfg. Co. ("Crescent," also Fancy Rollers for Walls & Walks, Bronze & Iron), 703 S B'way, St. Louis, Mo.
Heltzel Steel Form & Iron Co. (Road), Warren, O. *See adv index at end of book*
Kramer Bros. Foundry Co. ("Gem" Hand Rollers for Cement Sidewalks), Dayton, O.
Ransome-Leach Co.

Rollers (Copper Printing)

See Textile Machinery, Etc

12616—Rollers (Drawer, Ball Bearing)

Pressed Steel Mfg. Co. ("Knipe"), The Land Title bldg, Phila., Pa.

12617-8— Rollers (Fibre)

American Vulcanized Fibre Co., Equitable bldg, Wilmington, Del.
Nation Insulation & Fibre Co., Yorklyn, Del.
SPAULDING J. & SONS CO. (Hard Fibre), P. O. Box 52, Tonawanda, N. Y. *See adv index at end of book*

Rollers (Flue)

See Expanders, Tube

12619—Rollers (House Movers')

Brunner & Lay (also Machinery Movers'), 570 W Polk, Chicago, Ill.
La Plant-Choat Mfg. Co. (also machinery movers), Cedar Rapids, Ia.
Ransome-Leach Co. (Also Machinery), 115 B'way, New York

12620— Rollers (Incline)

Gustafson Mfg. Co., Chattanooga, Tenn.

12621—Rollers (Land & Field)

American Bell & Foundry Co., Northville. Mich.
American Road Machinery Co., Kennett sq, Pa.
American Scale Co., Kansas City, Mo.
Ames Plow Co., Quincy Hall, Boston, Mass.
Arnold's W. G. Son, Ionia, Mich.
Avery B. F. & Sons, Louisville, Ky.
Barley Thos. K., Sedalia, Mo.
Beatrice Iron Works, Beatrice, Neb.
Belcher & Taylor Agricultural Tool Co. Chicopee Falls, Mass.
Brillion Iron Works, Brillion, Wis.
Brinly Hardy Co., Louisville, Ky.
Bucher & Gibbs Plow Co. (Steel, T-Bar, Tubular, Clod Crushers & Pulverizers), Canton, O.
Buch's A. Sons Co., Elizabethtown, Pa.
Conner J. W. & Son (Cast-Head & Bolted Plank), Orangeville, Pa.
Deats Hiram Jr., Pittstown, N. J.
Deuscher H. P. Co., Hamilton, O.
Donaldson Bros. (Iron & Wooden), Mount Clemens, Mich.
Duisdieker Foundry & Mfg. Co. (Clod Crushers), Pekin, Ill.
Dunham Co. ("Water-Weight"), Hippodrome bldg, Cleveland, O.
Everts Mfg. Co., Meridian, N. Y.
Gale Mfg. Co. (Steel or Wooden Frame). Albion, Mich.
Genesee Valley Mfg. Co., Mount Morris N. Y.
Gowanda Agricultural Works, Gowanda, N. Y.
Greenville Implement Co., Greenville Mich.
Harder Mfg. Co., Cobleskill, N. Y.
Harriman Mfg. Co., Harriman, Tenn.
Imboden Harrow & Roller Co., Cleona, Pa.
King Drill Mfg. Co., Nebraska City, Nebr.
Lean Roderick Mfg. Co. ("Roderick Lean", Steel Land & Corn), Mansfield, O.
Lehr Agricultural Co. (Steel Shell), Fremont, O.
Massey-Harris Harvester Co., Batavia, N. Y.
Messinger Mfg. Co., Tatamy, Pa.
Mountville Mfg. Co. ("Superior"), Mountville, Pa.
Munnsville Plow Co. (Steel or Wood), Munnsville, N. Y.
Ohio Cultivator Co., Bellevue, O.
Ohio Rake Co., Dayton, O.
Patterson Mfg. Co., Holly, Mich.
Peek's S. H. Sons, East Aurora, N. Y.
Peterson Mfg. Co., Kent, O.
Ripson Wm. & Son, Youngstown, N. Y.
Sheer E., Lincoln, Ill.
Sherwin E. C. & Son, Brandon, Wis.
Tanner D. F., Holland, N. Y.
Thompson J. Plow Works, Beloit, Wis.
Thornburgh Mfg. Co. ("Champion" & "National"), Bowling Green, O.
Topeka Foundry & Mfg. Co. (For Packing Soil), Topeka, Kans.
Weaver & Co. ("Ideal"), New Oxford, Pa.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.
Whitman Agricultural Works Co. St. Louis, Mo.
Wilder-Strong Implement Co., Monroe, Mich.
Yorks Henry (Machinists'), Honeoye Falls, N. Y.

Rollers (Lawn Mower)

See Rollers, Wood

12622—Rollers (Lawn & Garden)

American Road Machinery Co., Kennett sq, Pa.
Ames Plow Co., Quincy Hall, Boston, Mass.
Buch's A. Sons Co. ("Keystone"), Elizabethtown, Pa.
Buffalo Springfield Roller Co. (Landscape Only, Steam & Gasoline), Springfield, O.
Donaldson Bros. Mount Clemens, Mich.
Dunham Co. ("Water Weight" Cast Iron & Steel), Hippodrome bldg, Cleveland, Ohio
Gowanda Agricultural Works, Gowanda, N. Y.
Harriman Mfg. Co. ("Keystone"), Harriman, Tenn.
Harry Bros. Co. ("Harry's" Galvanized Sheet Iron, Fill with Water), Carr & I. C. R. R., New Orleans, La.
Lansing Co., Lansing, Mich.
Messinger Mfg. Co., Tatamy, Pa.
Mott J. L. Iron Works, Trenton, N. J.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
SUPPLEE-BIDDLE HARDWARE CO., 510 Commerce, Philadelphia, Pa.
See adv index at end of book
Swett A. L. Iron Works, Medina, N. Y.
Whitehurst R. W. Mfg. Corp. ("Boss"). Norfolk, Va.
Whitman Agrl. Works Co., St. Louis, Mo.
Wilder-Strong Implement Co., Monroe, Mich.

12623— Rollers (Lumber)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
See adv index at end of book
American Logging Tool Co., Evart, Mich.
Ransome-Leach Co. (Double Extension), 115 Broadway, New York

12624— Rollers (Mangle)

Coudersport-Mangle Roller Mfg. Co., Coudersport, Pa.
Estes E. B. & Sons, 364 5th av, New York.
See adv index at end of book

12624a— Rolls (Map)

Estes E. B. & Sons, 364 5th av, New York.
See adv index at end of book

12625— Rollers (Mine)

Sanford-Day Iron Works, Knoxville, Tenn.

12626—Rollers (Paper Hangers')

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stortz Jno. & Son, 210 Vine, Phila., Pa.

12627—Rollers (Paper Machine)

Boston Belting Corp., 84 Linden Park, Boston, Mass.
Empire Tire & Rubber Corp., East Trenton, N. J.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Home Rubber Co., Trenton, N. J.
Manhattan Rubber Mfg. Co., Passaic, N. J.
Peerless Rubber Mfg. Co., 31 Warren, New York
Revere Rubber Co., Chelsea, Mass.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

12628-9—Rollers (Pipe)

Dunham Co. (Also Tee Bar Rollers), Hippodrome bldg., Cleveland, O.
Grabler Mfg. Co. (Cast Iron, also Roller Hangers & Bolts, etc.), Cleveland, O.
Pittsburgh Valve Foundry & Construction Co., 26th & A. V. RR., Pittsburgh, Pa.
Stephenson Mfg Co. (Wood), South Bend, Ind.

12630— Rollers (Puddling)

Buffalo Springfield Roller Co., Springfield, Ohio
Universal Road Machinery Co. ("Universal" for Reservoir & Embankment Work), Kingston, N. Y.

12630a— Rollers (Pulley)

Estes, E. B. & Sons (Wood), 364 5th av, New York. *See adv index at end of book*

12631—Rollers (Reversible Road)

American Road Machinery Co., Kennett Sq, Pa.
Enterprise Co., Columbiana, O.

12632—Rollers (Road, Horse Power)

Acme Road Machinery Co., Frankfort, N. Y.
American Road Machinery Co., Kennett sq, Pa.
Ames Plow Co., Quincy Hall, Boston, Mass.
Austin Mfg. Co., 910 S Michigan av, Chicago, Ill., & Harvey, Ill.
Case J. I Threshing Machine Co., Racine, Wis.
Elkhart Bridge & Iron Co., Elkhart, Ind.
Enterprise Co., Columbiana, O.
Galion Iron Works & Mfg. Co., Galion, O.
Universal Road Machinery Co. (Plain & Reversible), Kingston, N. Y.
Wheeling Mold & Foundry Co., Wheeling, W. Va.

12633—Rollers (Road, Kerosene)

Buffalo Springfield Roller Co. (and gasoline) ("Kelly-Springfield"), Springfield, O.

12634—Rollers (Rubber Covered)

Boston Belting Corp., 84 Linden Park, Boston, Mass.
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Continental Rubber Works, Erie, Pa.
Empire Tire & Rubber Corp., East Trenton, N. J.
Estes E. B. & Sons (Wood), 364 5th av, New York. *See adv index at end of book*
Federal Rubber Co., The, Cudahy, Wis.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Home Rubber Co., Trenton, N. J.
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mattson Rubber Co., Lodi, N. J.
Mechanical Rubber Co., Cleveland, O.
Miller Rubber Co., Akron, O.
N. J. Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
Peerless Rubber Mfg. Co., 31 Warren, New York
Plymouth Rubber Co., Canton, Mass.
Republic Rubber Co., Youngstown, O.
Revere Rubber Co., Chelsea, Mass.
Seamless Rubber Co., New Haven, Conn.
Thermoid Rubber Co., Trenton, N. J.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

12635— Rollers (Sash)

Corbin P. & F., New Britain, Conn.
Peck, Stow & Wilcox, Southington, Conn.
Reading Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn.

12636—Rollers (Seam & Glass)

SMITH & HEMENWAY CO. INC. ("Red Devil" Glass), 261 B'way, New York; 130 Coit, Irvington, N. J.
See adv index at end of book

12637— Rollers (Shade)

American Shade Roller Co. (Self-Acting), 151 33d, Brooklyn, N. Y.
Bailey & Weston, 81 Washington N, Boston, Mass.
Ball Bearing Shade Roller Co. ("Independent" Ball Bearing), Naugatuck, Conn.
Columbia Mills Inc. ("Quaker"), 225 5th av, New York
Cowles C. & Co. (Carriage, etc), New Haven, Conn.
Hartshorn Stewart Co., Newark, N. J.
Haviland Shade Roller Co., 407 Broome, New York
Standard Shade Roller Co. (Also Accessories), Ogdensburg, N. Y.
Vermont Shade Roller Co., Burlington, Vt.

12637a— Rollers (Skate)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

12638—Rollers (Sliding Door)

Richards-Wilcox Mfg. Co., Aurora, Ill.

12639—Rollers (Steam Asphalt)

Barber Asphalt Paving Co. ("Iroquois"), Land Title Bldg., Phila., Pa.
Buffalo Springfield Roller Co. (Steam & Gasoline), Springfield, O.
Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.
Universal Road Machinery Co., Kingston, N. Y.

12640—Rollers (Steam Golf Course)

Barber Asphalt Paving Co. ("Iroquois"), Land Title Bldg., Phila., Pa.
Buffalo Springfield Roller Co. (Steam & Gasoline), Springfield, O.

12641—Rollers (Steam Road)

Acme Road Machinery Co., (Gasoline Roller), Frankfort, N. Y.
American Road Machinery Co. ("Monarch"), Kennett Square, Pa.
Austin Mfg. Co., 910 S Michigan av, Chicago, Ill.
Baker A. D. Co., Swanton, O.
Barber Asphalt Paving Co. ("Iroquois"), Land Title Bldg., Phila., Pa.
Buffalo Springfield Roller Co. ("Buffalo-Pitts"), Springfield, O.
Emerson-Brantingham Co. ("Geiser Peerless" Comb. Roller & Tractor), Rockford, Ill.
Erie Machine Shops, Erie, Pa.
Galion Iron Works & Mfg. Co., Galion, O.
Hollenbeck Mfg. Co., Holdrege, Neb.
Huber Mfg. Co. ("New Huber" Comb. Road Roller & Traction Engine), Marion, O.
Pioneer Machine Works (Jas. Hartley, Prop.), 75 Delavan, Brooklyn, N. Y.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Universal Road Machinery Co., Kingston, N. Y.
Wheeling Mold & Foundry Co., Wheeling, W. Va.

Rollers (Towel)

See Racks, Towel

12642— *Rollers (Trolley)

See also Fibre, Hard

DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works: Marshallton, Del.
See adv index at end of book

12643— Rollers (Wood)

Bogert & Hopper (Caster, Lawn Mower, Map, Pulley, Skate, etc), 358 5th av, New York
ESTES E. B. & SONS (Caster, Mangle, Massage, Paperhangers', Lawn Mower, Map, Pulley, Skate, etc), 364 5th av, New York *See adv index at end of book*
Nashua Spool & Bobbin Co. (Stone Machinery & House Moving), Grove Hall Station, Boston, Mass.
Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.
Southern Roller, Stave & Heading Co. (Black Gumwood), Elizabeth City, N. C.
Stephenson Mfg. Co. (Lawn Mower, etc), South Bend, Ind.

12644—Rollers & Fixtures (Car Curtain)

Acme Supply Co. ("Acme," Friction Rollers, etc), 28 E Jackson blvd, Chicago, Ill.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

12645— Rollers & Pinions

Chester Steel Casting Co., Chester, Pa.
Erie Forge Co., Erie, Pa.
Newell Mfg. Co., 149 B'way, New York
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

12646—Rollers & Print Blocks for Wall Paper, Etc.

Bay, Gottfried (Oil Cloth, etc), 537 W 50th, New York

12647—Rolling Mills (Brass & Copper)

See also Rolling Mills, Iron & Steel

Baltimore Copper Smelting & Rolling Co., Canton, Baltimore, Md.
Benson H. K. & F. S., Glen Ridge, N. J.
Bridgeport Brass Co., Bridgeport, Conn.
Bristol Brass Co. (Brass, German silver, Bronze, etc.), Bristol, Conn.
CHASE METAL WORKS, Waterbury, Conn.
CHASE ROLLING MILL CO., Waterbury, Conn.
Connecticut Brass & Mfg. Corp., Waterbury, Conn.
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Manhattan Brass Co. (Brass & Bronze), 332 E 28th, New York
Michigan Copper & Brass Co., Detroit, Mich.
Mueller Metals Co. (Brass), Port Huron, Mich.
National Brass & Copper Co., Lisbon, O.
Stanford Rolling Mills Co., Inc., Springdale, Conn.
New England Brass Co., Taunton, Mass.
New Haven Copper Co. (Copper Only), Seymour, Conn.
New Jersey Tube Co., Harrison, N. J.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Randolph-Clowes Co., Waterbury, Conn.
Rome Brass & Copper Co., Rome, N. Y.
SCOVILL MFG. CO. (Brass Only), Waterbury, Conn
See adv index at end of book
Seymour Mfg. Co. (Brass & German Silver), Seymour, Conn.
Taunton-New Bedford Copper Co., Taunton, Mass.
Waterbury Rolling Mills, Waterbury, Conn.
Wise J. B. Inc. (Brass), Watertown, N. Y.

12648—Rolling Mills (Continuous)

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book
Morgan Construction Co., Worcester, Mass.
MORGAN ENGINEERING CO., Alliance, O. *See adv index at end of book*
Standard Machinery Co., Providence, R. I.
United Engineering & Foundry Co., 307 5th av, Pittsburgh, Pa.

12649—Rolling Mills (Iron & Steel)

See also Rolling Mills, Brass & Copper

(References following Names indicate Main or Executive Offices. For subclassification of this industry, see Specific Article Wanted in Index of Contents)

ALABAMA.

ALABAMA CITY—Gulf State Steel Co. (See Birmingham)
BIRMINGHAM — Connors-Weyman Steel Co. (Steel Bars & Hoops, Cotton Ties, etc)
Gulf States Steel Co. (Billets, Blooms, Slabs, Staples, etc), Mills: Alabama City
Republic Iron & Steel Co. (See Youngstown, O.)
Sloss-Sheffield Steel & Iron Co.
Tennessee Coal, Iron & R. R. Co. (Steel Billets, Blooms, Slabs, Angles, Channels, Tees, Bar, Plates, Sheets, etc)
HELENA—Connors-Weyman Steel Co (See Birmingham)
SHEFFIELD—Sloss-Sheffield Steel & Iron Co. (See Birmingham, Ala.)

CALIFORNIA.

BLACK DIAMOND—Columbia Steel Co. (See San Francisco, Cal.
LOS ANGELES—Southern California Iron & Steel Co. (Iron & Steel Bar), 4th & Mateo
SAN FRANCISCO—Baker, Hamilton & Pacific Co. (Bar & Band Iron), 7th & Townsend. Works: Portland, Ore.
Columbia Steel Co., 503 Market. Mills: Black Diamond, Cal.
Judson Mfg. Co. (Bar Iron, Open Hearth Steel Shafting, etc.), 819 Folsom
Pacific Coast Steel Co. (Open Hearth, Steel Merchant Bars, Round, Square & Flat, Steel Corrugated Bars Reinforced Concrete Steel Angles & Light Rails), Rialto bldg.
Pacific Rolling Mills, 17th & Mississippi.

COLORADO.

DENVER—Colorado Fuel & Iron Co. (Billets, Blooms, Iron & Steel Rails, Bars, Sheets, Plate Bands, Hoops, etc)
PUEBLO—Colorado Fuel & Iron Co. (See Denver)

CONNECTICUT.

BRIDGEPORT—American Chain Co. (Bar Iron Light T Rails, Chains, etc)
American Tube & Stamping Co. (Open Hearth Steel Billets, Hot & Cold Rolled Strip Steel, for Springs, Cutlery, etc)
BRISTOL—Barnes The Wallace Co. (High Carbon Tempered & Untempered Steel, Low Carbon, Cold Rolled Spring Steel & Wires)
See adv index at end of book
COLLINSVILLE—Collins Co. (Bar Iron All Consumed by the Company)
NEW BIRTAIN — **STANLEY WORKS** (Cold Rolled Strip Steel)
See adv index at end of book
SOUTHINGTON—Aetna Nut Co. (Merchants' Bar Iron, etc)
UNIONVILLE—Union Rolling Mill Co. Merchant Bar Iron) (See Cleveland, O.)
Upson Nut Co. (Basic Open Hearth Steel Bars)

DELAWARE.

WILMINGTON—McCullough Iron Co. (Sheet Steel, Black Galvanized Painted & Corrugated Roofing & Siding), Equitable bldg

GEORGIA.

ATLANTA—Atlantic Steel Co. (Steel Bands, Hoops, Cotton Ties, Bars, etc)

ILLINOIS.

CHICAGO—**AMERICAN STEEL & WIRE CO.** (Steel Wire, Rods & Nails, Spikes, Staples, Tacks, Barbed Wire, Bale Ties, Horse Shoes, Shafting, Cold Drawn Steel, Poultry Netting, Wire Rope, Wire Hoops, Wire Springs, etc), 208 S La Salle.
See adv index at end of book
Columbia Tool Steel Co. (Crucible Tool & Machinery Steel & Open Hearth Steel for Special Requirements), 307 S Clinton.
Grand Crossing Tack Co. (Open Hearth Steel Billets, Rods & Wire Mills) S Chicago av & E 79th
Illinois Steel Co. (Steel Billets, Blooms, Slabs, Ingots, Structural Shapes, Rails, Plates, Bars & Band), 208 S La Salle
Indiana Steel Co. (Open-Hearth Billets, Blooms, Ingots, Rails, Bars, Structural Shapes, Plates, etc), **208 S La Salle**
Inland Steel Co. (Open Hearth Steel Blooms, Billets, Slabs, Structural Angles, Channels & Beams, Universal Plates, Merchant Bars, Plates, Sheets, Galvanized Sheets, Corrugated Sheets, Roofing & Bessemer Steel Bars, Special Sections, Harrow Teeth, Cross Arm Braces, Pole Steps, Track Bolts & Spikes, Tie Plates, etc), 1st Nat'l Bank bldg
Interstate Iron & Steel Co. (Iron & High Carbon & Soft Steel Bars, Agricultural Implement Steel, Angles, Channels, Tees, Reinforcing Steel Bars, etc), 1st Nat'l Bank bldg. Works: East Chicago, Ind.; & Marion, O.
Phoenix Horse Shoe Co. (Horse Shoes), 209 S La Salle, Mills: Joliet, Ill., & Poughkeepsie, N. Y.
Pullman Co. (Product All Consumed By the Company), Pullman bldg
Republic Iron & Steel Co., 332 S Michigan av (See Youngstown, O.)
Sellers Mfg. Co. (Tie Plates, etc), 332 S Michigan av

ILLINOIS—continued
CHICAGO HEIGHTS—Calumet Steel Co. (Bessemer Bar Steel, Light Rails, Angles, Channels, etc), 208 S La Salle
Inland Steel Co. (See Chicago)
EVANSTON—Mark Mfg. Co. (Wrought Iron Pipe & Boiler Tubes) Works: Zanesville, O.
GRANITE CITY—National Enameling & Stamping Co. (See New York)
JOLIET—American McKenna Process Co. (See Milwaukee, Wis.)
Phoenix Horse Shoe Co.
KEWANEE—National Tube Co. (See Pittsburgh, Pa.)
MOLINE—Republic Iron & Steel Co.
WAUKEGAN—American Steel & Wire Co. (See Chicago, Ill.)

INDIANA.

ANDERSON—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)
American Steel & Wire Co. (See Chicago, Ill.)
EAST CHICAGO—Interstate Iron & Steel Co. (See Chicago, Ill.)
Republic Iron & Steel Co. (See Youngstown, O.)
ELWOOD—American Steel & Tin Plate Co. (See Pittsburgh, Pa.)
FORT WAYNE—Fort Wayne Rolling Mill Corp. (Bar Iron & Steel, etc.)
GARY—Indiana Steel Co.
INDIANA HARBOR—Inland Steel Co. (See Chicago, Ill.)
KOKOMO—Kokomo Steel & Wire Co. (Steel Wire, Rods & Nails, etc)
MUNCIE—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)
Republic Iron & Steel Co. (See Youngstown, O.)
NEW ALBANY—Ohio Falls Iron Co. (Merchants' Bar & Staybolt Iron)
NEW CASTLE—Indiana Rolling Mill Co. (High Carbon Sheet Steel)
TERRE HAUTE—Highland Iron & Steel Co. (Merchants' Bar Iron & Steel)
VINCENNES—National Rolling Mill Co. (Scrap Bar & Finished Iron & Steel Bar)

KENTUCKY.

ASHLAND—Ashland Steel Co. (Bessemer Steel Billets & Slabs, Wire Rods)
Norton Iron Works (Cut & Wire Nails, Wire & Nail Plates)
LOUISVILLE—Ewald Iron Co. (Charcoal Iron)
NEWPORT—Andrews Steel Co. (Open Hearth Billets, Slabs, Ingots, Sheet & Tin Plate Bars)
Newport Rolling Mill Co. (Black & Galvanized Sheet Steel)

MARYLAND.

CUMBERLAND—Cumberland Steel Co. (Cold Rolled Steel, Polished Steel Shafting, etc)
Taylor N. & G. Co. (See Phila., Pa.)
United States Rail Co. (Renewed Light Steel Rails)

MASSACHUSETTS.

BOSTON—Ames Shovel & Tool Co. (Shovel Plate & Blanks, all consumed by the Company), Ames bldg.
Sylvester Co. (Merchant Bar Iron, Spikes, Bolts, Tie Rods), 141 Milk
SPENCER—Spencer Wire Co. (See Worcester, Mass.)
WEST WAREHAM—Tremont Nail Co. (Open Hearth Steel Ingots, Nail Plate, Tack Plate, Shovel Plate & Strip Steel. Cut Nails & Supplies)
WORCESTER—**AMERICAN STEEL & WIRE CO.** (Washburn & Moen Branch) See Chicago
See adv index at end of book
COES LORING & CO. (INC.) (Hot Rolled & Welded Materials for Knives, Dies, etc), Coes sq
See adv index at end of book
Morgan Spring Co. (Wire for all Purposes & Wire Nails, etc)
See adv index at end of book
Spencer Wire Co.
WRIGHT WIRE CO. (Annealed, Bright, Coppered, Tinned & Galvanized Wire
See adv index at end of book

MICHIGAN.

ADRIAN—Page Steel & Wire Co. (Open Hearth Steel Ingots, Wire Rods, etc)
See adv index at end of book
DETROIT—American Car & Foundry Co. (See St. Louis, Mo.)
Detroit Seamless Steel Tubes Co. (Cold Drawn Seamless Steel Tubes)
Railway Steel Spring Co., Michigan & Hubbard. (See New York)

MISSOURI.

KANSAS CITY—Kansas City Bolt & Nut Co. (Bar Iron, ½ inch to 3 inch Rounds & Squares, 1 inch by 3-16 inch to 6 inch by 2 inch flats, Bolts, Nuts, etc)
ST. LOUIS—American Car & Foundry Co. (Merchant Bar Iron & Band Rod & Guide Iron), Syndicate Trust bldg.
Laclede Steel Co. (Hard Steel Bars, Reinforcing Bars, Ag'l Shapes, Bedstead Angles, Hot Rolled Strip, etc) Federal Reserve Bk. bldg.

NEW JERSEY.

CHROME—Chrome Steel Works (Steel Plates, Angles & Bars, etc)
DOVER—Ulster Iron Works (Merchant Bar & Staybolt Iron)
ELIZABETH—Singer Mfg. Co. (Product Rounds, Flats, etc, all Consumed by the Company)
JERSEY CITY—Ames W. & Co., Communipaw av. (Bar Iron, Bolts, Tie Rods, Spikes, etc)
Crucible Steel Co. of America, ft Grand av. (Spalding & Jennings, Branch) (See Pittsburgh, Pa.)
NEWARK—Heller Bros. Co., 879 Mt. Prospect av. (High Speed Tool Steel)
PERTH AMBOY—Pardee C. Works (Open Hearth Steel Billets, Blooms, Merchant Bars & Cold Rolled Shafting, etc)
PHILLIPSBURG—American Horse Shoe Co. (High Grade Horse Shoes, etc)
ROCKAWAY—Rockaway Rolling Mill (Bar Iron & Steel; also Double Refined Bar Iron)
TRENTON—**ROEBLING JNO. A. SONS CO.** (Steel & Copper Wire & Steel Wire Rods)
See adv index at end of book

NEW YORK.

AUBURN—Tuttle Chas. W. (Merchant Bar Iron & Horse Shoe Iron), ft McMaster
BUFFALO—Lackawanna Steel Co. (Steel Billets, Blooms, Rails, Beams, Anchor Bars, etc)
Seneca Iron & Steel Co. (Black & Galvanized Sheet Steel)
COHOES — Cohoes Rolling Mill Co. (Wrought Iron Pipe & Merchant Bar Iron)
CORTLAND—Wickwire Bros. (Billets, Ingots, Wire, Nails, Rods & Staples, etc)
DUNKIRK—Atlas Crucible Steel Co. (High Grade Crucible Steels)
See adv index at end of book
LOCKPORT—SIMONDS MFG. Co. (Crucible Steel Saw Plates & Sheets, all consumed by the Company)
See adv index at end of book
Westerman & Co. (Bar Iron Rounds, Squares, Hexagons)

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Miller & Van Winkle (Cold Rolled Steel & Steel Wire), 18 Bridge
Wurster F. W. & Co. (Iron & Steel Bars, Axles, etc), 375 Kent av

Boroughs of Manhattan and Bronx.

NEW YORK—American Bridge Co., 30 Church
Lalance & Grosjean Mfg. Co. (Black Sheets, Plates & Tin Plate, all Consumed by the Company), 299 B'way. Mills: Harrisburg, Pa.
National Enameling & Stamping Co. (Mfrs. Sheet Steel for their Own Consumption), 411 5th av. Works: Granite, Ill., & St. Louis, Mo.
Page Steel & Wire Co., 30 Church
See adv index at end of book
Philadelphia Steel & Forge Co. (Rolled & Hammered Steel Bars, Tool Steel, Die Blocks, Rolled Shapes, etc), 50 Church. Works: Tacony, Phila., Pa.
Rail Joint Co. (Rail Joints, Tram Rails), 61 B'way. Works: Troy, N. Y.
Railway Steel Spring Co. (Open Hearth Steel Ingots, Merchant Steel Tire & Spring Steel, etc), 30 Church
Rome Iron Inc. (Puddled Iron & Band, Hoop, Staybolt & Engine Bolt Iron), 30 Church. Mill: Rome, N. Y.
Singer Sewing Machine Co., 149 B'way. Works: Elizabeth, N. J.
Washburn Wire Co. (Steel Wire, etc.), ft E 118th. (See Phillipsdale, R. I.)
(End of New York City)
POUGHKEEPSIE—Phoenix Horse Shoe Co.
ROME—Rome Merchant Iron Mill. (See New York City)
SYRACUSE—Crucible Steel Co. of America (Sanderson Bros. Works, Tool Steel.) (See Pittsburgh, Pa.
Eckels-Nye Steel Co. (Merchant Steel)
HALCOMB STEEL CO. (Crucible & High Grade Steel)
See adv index at end of book
Syracuse Crucible Steel Co. (Tool Steel)
TONAWANDA—Buffalo Steel Co. (Bessemer Steel Bars, Agricultural Steel, Angles, Channels, etc)
TROY—Burden Iron Co. (Bar Iron, Horse & Mule Shoe, Rivets, Boiler Only, etc.)
Rail Joint Co. (See New York)
WATERVLIET—Ludlum Steel Co. (Pure **Carbon Crucible Tool Steel)**

OHIO.

BELLAIRE—Carnegie Steel Co. (See Pittsburgh, Pa.)
CAMBRIDGE—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)
AMERICAN STEEL & WIRE CO. (See Chicago)
See adv index at end of book
Interstate Iron & Steel Co. (See Chicago, Ill.)
CANTON—American Sheet & Tin Plate Co. Roll & Machine Works (See Pittsburgh, Pa.)
Berger Mfg. Co. (Sheet Iron & Steel, etc)
Canton Sheet Steel Co. ("Winir" Black & Galvanized Steel Sheets, Pickled Steel Sheets, etc)
Carnahan Tin Plate & Sheet Co. (Tin & Terne Plate & Sheet Steel for Tinning, etc)
Stark Rolling Mill Co. (Black & Galvanized Open Hearth Steel & Toncan Metal Sheets)
United Alloy Steel Corp. (Open Hearth & Electric Alloy Steel Bars, Billets, Blooms & Slabs).
CLEVELAND—**American Sheet & Tin** Plate Co., Bessemer bldg. (See Pittsburgh, Pa.)
American Steel & Wire Co., Western Reserve bldg. (See Chicago, Ill.)
See adv index at end of book
Cleveland Hardware Co. (Manufacture for their Own Consumption)
Empire Rolling Mill Co. (Iron & Steel Bar), Bessemer & C. & P. Ry., ft. of E 63d
Lake Erie Iron Co. (Bar Iron, Bolts, Nuts, etc), ft of E 63d
Otis Steel Co. (Open Hearth Steel Plates), Leader-News bldg
Republic Iron & Steel Co., Leader News bldg. (See Youngstown, O.)
Union Rolling Mill Co. (Refined Bar Iron; also Bolt, Nut, Rivet, Iron & Structural Steel), Aetna rd & E 82d
Upson Nut Co. (Basic open Hearth Steel Bars)
CLEVES—Cincinnati Horse Shoe & Iron Co. (Horse Shoes & Bar Iron)
COLUMBUS—Carnegie Steel Co. (See Pittsburgh, Pa.)
Standard Chain Co. (See Pittsburgh, Pa.
CUYAHOGA FALLS—Falls Hollow Staybolt Co. (Hollow & Solid Staybolt Bars, Staybolts, etc)

DOVER—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)
DRESDEN—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)
EAST LIVERPOOL—National Drawn Steel Co. (Cold Drawn Steel)
ELYRIA—Columbia Steel Co. (Cold Rolled Steel Bars, Sheets, Strips, etc)
Elyria Iron & Steel Co. (High Carbon Steel Angles & Tubing, Track Spikes, etc), Mussey rd
IRONTON—Belfont Iron Works Co. (Cut & Wire Nails, Barbed, Plain & Galvanized Wire)
Kelly Nail & Iron Co. (Cut & Wire Nails, Spikes, Staples, Barbed, Plain & Galvanized Wire)
National Tube Co. (See Pittsburgh, Pa.)
LORAIN—National Tube Co.
MARION—Interstate Iron & Steel Co. (See Chicago, Ill.)
MARTINS FERRY—American Steet & Tin Plate Co. (See Pittsburgh, Pa.)
Whitaker-Glessner Co. (See Wheeling, W. Va.)
MASSILLON—Massillon Rolling Mill Co. (Bessemer & Open Hearth Black Sheets)
Peerless Drawn Steel Co. (Drill Rods, Cold Drawn Steel, etc)
MIDDLETOWN—American Rolling Mill Co. ("Armco") (Sheet Iron & Steel, Black & Galvanized, etc)
MINGO JUNCTION—Carnegie Steel Co. (See Pittsburgh, Pa.)
NEWARK—Buckeye Rolling Mill Co. (See Steubenville)
NEW PHILADELPHIA—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)
NILES—Carnegie Steel Co. (See Pittsburgh, Pa.)
DE FOREST SHEET & TIN PLATE CO. (Open Hearth Steel Sheets, Black Galvanized, Corrugated, Blue Annealed Sheets & Shovel Steel)
See adv index at end of book
SALEM—American Steel & Wire Co. (See Chicago, Ill.)
STEUBENVILLE—Buckeye Rolling Mill Co. (Light Rails & Track Accessories). Mills: Newark, O.
La Belle Iron Works (Pipe & Tube Mills, Steel Sheet Bar, Steel Skelp, Cut Nails, Spikes, Pig Iron, etc.)
Phillips Sheet & Tin Plate Co. (Black Plates or Sheets for Tinning). (See Weirton, W. Va.)
WARREN—Trumbull Steel Co. (Open Hearth Ingots, Blooms, Billets, Slabs, Bars, Tin Plate, Charcoal Iron, Long Terne Sheets, Black & Galv. Flat Sheets, Painted, Galv. Formed Roofing Products, Hot & Cold Rolled Strip Steel)
Warren Iron & Steel Co. (High Carbon Steel Sheets & Shovel Plate)
WELLSVILLE—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)
YORKVILLE—Wheeling Steel & Iron Co. (Tin Plate).
YOUNGSTOWN—Brier Hill Steel Co. (Open Hearth Steel Sheets & Corrugated Sheets)
Republic Iron & Steel Co. (Bar Iron & Steel Bolts, Screws, Railroad Spikes, Turnbuckles, Cold Rolled Steel Angles, Channels, Tees, etc.)
Sharon Steel Hoop Co. (Sheet Steel, Black & Corrugated Roofing & Siding, etc.)
Youngstown Sheet & Tube Co. (Iron & Steel Sheets, Black & Galvanized, Wrought Iron Pipe, Wire Rods, Billets, Muck Bar, Skelp, Pig Iron, etc.)
ZANESVILLE—American Rolling Mill Co. (See Middletown, O.)
Mark Mfg. Co. (See Evanston, Ill.)

PENNSYLVANIA.

ALIQUIPPA—Crucible Steel Co. of America (See Pittsburgh)
Kidd Drawn Steel Co. (Steel Wire, Polished Drill Rods, Polished Needle Wire, Black Steel Rods, etc)
Vulcan Crucible Steel Co. (High Grade Crucible & Acid Open Hearth Steel & Forged Products, etc)
ALLENTOWN—American Steel & Wire Co. (See Chicago, Ill.)
ALTOONA—Altoona Iron Co. (Bar, Hoop, Band & Oval, Half Oval, Round & Scroll)
AMBRIDGE—American Bridge Co. (See Pittsburgh, Pa.)
APOLLO—Apollo Steel Co. (Iron & Steel Sheets, Flat & Galvanized, Corrugated)
AUBURN—Delaware Seamless Tube Co. (Hollow Seamless Billets, Boiler Tubes, Hollow Staybolt Stock & Seamless Tubing)
BEAVER FALLS—Ames Shovel & Tool Co. (See Boston, Mass.)
Pittsburgh Seamless Tube Co. (Seamless Steel Tubes & Steel Blanks for Mfg. of Steel Tubes)
Union Drawn Steel Co. (Cold Rolled Steel, Cold Drawn & Polished Steel Shafting, etc)
BIRDSBORO—Brooke E. & G. Iron Co. (Muck Bar, Skelp Iron & Cut Nails)
BLANDON—Blandon Rolling Mills (See Est. of Simon Seyfert, Reading, Pa.)
BRACKENRIDGE—Allegheny Steel Co. (See Pittsburgh, Pa.)
West Penn Steel Co. (Steel Sheets, Electrical Steel Sheets, Automobile Sheets, Steel Sheet Bars, etc)
BRADDOCK—American Steel & Wire Co. (See Chicago, Ill.)
Carnegie Steel Co. (See Pittsburgh, Pa.)
BRAEBURN—Braeburn Steel Co. (Crucible & Fine Open Hearth Tool Steel, Spring, Hammer & Machinery Steel & Forgings, etc)
BRIDGEVILLE—Universal Rolling Mill Co. (Crucible & Open Hearth Steel Shovel, Sheets & Plow Slabs, Shapes & Discs)
BURNHAM—Logan Iron & Steel Co. (See Phila., Pa.)
Standard Steel Works Co. (See Phila., Pa.)
BUTLER—Standard Steel Car Co. (See Pittsburgh, Pa.)
CANONSBURG—Canonsburg Steel & Iron Works (Sheet Iron & Steel, Tin & Terne Plate, etc)
Standard Tin Plate Co. (Tin & Terne Plate)
CARNEGIE—Superior Steel Co. (Hot & Cooled Rolled Strip Steel)
COATESVILLE—Lukens Steel Co. (Open Hearth Billets, Ingots, Slabs, Steel Boiler, Tank & Bridge Plates, Sheared & Universal Plates)
Midvale Steel & Ordnance Co. (Steel Boiler & Tank Plate, Sheared Plates, Boiler Tubes, etc). Head office, Widener bldg, Phila., Pa.
COLONA—Colonial Steel Co. (See Pittsburgh, Pa.)
COLUMBIA—Edwards Edward T.
JANSON STEEL & IRON CO. (Bar Iron & Steel)
CONSHOHOCKEN—Wood Alan Iron & Steel Co. (See Phila., Pa.)
Wood J. & Bros. Co. (Iron & Steel Sheets & Light Plates, Locomotive Jacket, Corrugated Bath Boiler, Gas Holder, Pickled Blue Annealed Tank & Electrical Sheet Iron & Steel, etc)
CORRY—McInnes Steel Co. (Ltd.) (Hammered Crucible Tool Steel; Also High Speed & Oil Hardening Steel)
DANVILLE—Danville Structural Tubing Co. (Structural Tubing)
Pennsylvania Brake Beam Co. (Special Shapes for Brake Beams, Deck & I Beams)
Reading Iron Co. (See Reading, Pa.)
DONORA—American Steel & Wire Co. (See Chicago, Ill.)
Carnegie Steel Co. (See Pittsburgh, Pa.)
DUQUESNE—Carnegie Steel Co. (See Pittsburgh, Pa.)
ELLWOOD CITY—National Tube Co. (See Pittsburgh, Pa.)
ERIE—United States Horse Shoe Co. (Billets & Iron Steel Bars for the Mfr. of Horse Shoes)
ETNA—Spang, Chalfant & Co. (See Pittsburgh, Pa.)
GLASSPORT—Pittsburgh Steel Co. (See Pittsburgh, Pa.)
GREENVILLE—Carnegie Steel Co. (See Pittsburgh, Pa.)
National Tube Co. (See Pittsburgh, Pa.)
HARRISBURG—Central Iron & Steel Co. (Iron & Steel Bridge, Boiler, Tank, Ship & Fire Box Plate, etc)
Harrisburg Pipe & Pipe Bending Co. (Open Hearth Steel Billets, Ingots, Skelp, Slabs, Shovel Plate, Sheet Bars, etc.)
Lalance & Grosjean Mfg. Co. (See New York City)
HAYS—Monongahela Tube Co. (See Pittsburgh, Pa.)
HOMESTEAD—Carnegie Steel Co. (See Pittsburgh, Pa.)
HOOPERSTON—Hoopes & Townsend Co. (See Phila., Pa.)
HYDE PARK—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)
JOHNSTOWN—Cambria Steel Co. (Steel Beams, Bars, Angles, Channels, Tees, Cold Rolled Steel, etc) Main Office: Philedalphia, Pa.
Lorain Steel Co. (Light Rails & Street Ry. Track Materials)
KITTANNING—Kittanning Iron & Steel Mfg. Co. (Muck Bar)
LATROBE—Vanadium Alloys Steel Co. (High Speed & Vanadium Steel)
LEBANON—Lebanon Valley Iron & Steel Co. (Bar Iron & Muck & Scrap Bar)
LEECHBURG—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)
McKEESPORT—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)
Firth-Sterling Steel Co. ("Blue Chip" Fine Crucible Tool Steel)
McKeesport Tin Plate Co. (Tin Plate & Black Plate for Tinning). Works: Port Vue, Pa.
National Tube Co. (See Pittsburgh, Pa.)
McKEES ROCKS—Lockhart Iron & Steel Co. (See Pittsburgh, Pa.)
MIDLAND—Pittsburgh Crucible Steel Co. (Steel Bars, Car Axles, etc)
MILESBURG—McCoy-Linn Iron Co. (Bar Iron, Wire, Wire Rods, Chains, etc)
MILTON—American Car & Foundry Co. (Merchants Bar Iron) (See St. Louis, Mo.)
Milton Mfg. Co. (Merchant Bar Iron, Bolts, Nuts, Rivets, etc)
MONACA—Pittsburgh Tool Steel Wire Co. (Drawn Tool Steel for Twist Drills, Taps, etc)
MONESSEN—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)
Carnegie Steel Co. (See Pittsburgh, Pa.)
Page Steel & Wire Co. of N. J. (See Adrian, Mich.)
See adv index at end of book
Pittsburgh Steel Co. (See Pittsburgh, Pa.)
MONONGAHELA—Liggett Spring & Axle Co. (See Pittsburgh, Pa.)
NEW CASTLE—Carnegie Steel Co. (See Pittsburgh, Pa.)
Elliott, Blair Steel Co. (Cold & Hot Rolled Strip Steel, etc)
NEW KENSINGTON—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)
NORTHUMBERLAND—Van Alen & Co. (Iron Steel, Cut Nails & Spikes, etc)
PARKESBURG—Parkesburg Iron Co. (Charcoal Boiler Tube, Iron Skelp)
PENCOYD—American Bridge Co. (Steel Beams). (See Pittsburgh, Pa.; also Phila., Pa.)
PHILADELPHIA—American Bridge Co. (Steel Beams, Angles, Channels, Tees, Zees, Bar Steel, etc) Widener bldg. (See also Pittsburgh, Pa.)
Cambria Steel Co., (Steel Beams, Bars, Angles, Channels, Tees, Cold Rolled Steel, etc) Widener bldg.
Davis Bros. (Bar Iron, Angle Iron Up to 2 Inches, Spikes, etc.), 29th & Bristol
Disston Henry & Sons (Tool & Sheet Steel, Cold Rolled & Cold Drawn Steel, etc), Tacony
Hoopes & Townsend Co. (Bar Iron & Steel Bolts, Rivets, Rods, etc), Broad & Buttonwood; Works also at Hooperstown, Pa.
Hughes & Patterson (Bar Iron Specialties & Skelp Iron, Bands, Hoops & Rods) 800 Richmond

PENNSYLVANIA—Philadelphia—cont'd

Illingworth Jno. Steel Co. (Crucible, Hammerer & Rerolled Steel Bars & Sheets for Tools, Saws, Knives & Files; also Rerolled Swedish & Norway Iron; also Rerolled & Hammered Open Hearth Steel) Tacony & Lewis

Logan Iron & Steel Co. (Bar & Staybolt Iron, Iron Angles, Crow Bars, Links & Pins, Drill Rods, etc), Morris bldg. Works: Burnham, Pa

Midvale Steel & Ordnance Co. (Crucible & Open Hearth Bar Steel, Rods, Spring Steel, Hammered Car Axles, Forged Armor Plate, etc), Widener bldg

Nicetown Plate Washer Co. (Refined Merchant Bar Iron & Medium Steel Bars), 1324 Juniata

Philadelphia Steel & Forge Co., Tacony (See New York)

Phoenix Iron Co. (Open Hearth Steel Ingots, Bars, Acid & Basic Process Beams, Angles, Channels), 22 S 15th. Works: Phoenixville, Pa.

Standard Steel Works Co. (Steel Car & Locomotive Tires, Axles, etc), Morris bldg. Works: Burnham, Pa.

Taylor N. & G. Co., 300 Chestnut

Wood Alan Iron & Steel Co. (Basic Open Hearth Steel Billets, Siabs, Sheet Bars, Black & Galvanized Iron & Steel Sheets & Plates, Locomotive Jacket Steel, Bath Boiler, Swede & Norway Sheets, Gas Holder, Corrugated, Pickled & Cold Rolled Sheets, Water Pipe & Light Plates), Widener bldg. Works: Conshohocken, Pa.

PHOENIXVILLE—Phoenix Iron Co. (See Phila., Pa.)

ROLLING MILLS

FOR ANY KIND OF SERVICE

(Write for Bulletin S)

MESTA MACHINE COMPANY

PITTSBURGH, PA., U. S. A.

PITTSBURGH—Alcania Co. (Tin & Terne Plate & Black Plates for Tinning), Oliver bldg. Works: Avonmore, Pa.

Alleghaney Steel Co. (Sheet Steel, Tank Plate, Sheet Bar, etc) Oliver bldg. Works: Brackenridge, Pa.

American Bridge Co. (Structural Steel, Billets, Blooms, Ingots), 30 Church, New York

American Sheet & Tin Plate Co. (Bessemer Open Hearth, Acid & Basic Sheet Iron & Steel, Black, Planished, Polished, Galvanized & Corrugated, Cold Rolled Tin & Terne Plate, etc), Frick bldg

American Steel & Wire Co., Frick bldg. *See adv index at end of book*

Blaw-Knox Co. (Steel Plates), Farmers Bank bldg

Brown & Co. (Tool Steel, Refined Bar & Hammered Iron for Special Purposes), 10th & Duquesne Way

BYERS A. M. CO. (Wrought Iron Pipe), 235 Water
See adv index at end of book

Carbon Steel Co. (Open Hearth Steel, Billets, Ingots, Sheared Plates, Universal Rolled Plates, Carbon Chrome Safe Plates, Locomotive, Driving, Car Axles, General, etc), ft 32d

Carnegie Steel Co. (Steel Billets & Blooms, Rails, Beams & Structural Shapes, Armor & Boiler Plate, etc.) Carnegie bldg

Carter Iron Co. (Iron Bar, Staybolt, Roofing, Chains, etc.) 307 5th av, Hays Station, Pa. Mills: Paden City, W. Va.

Colonial Steel Co. (Crucible & Open Hearth Steel in Bars, Sheets, Circular Plates, etc), 324 4th av. Mills, Colona, Pa.

Columbia Steel & Shafting Co. (Polished Turned Steel Shafting & Cold Drawn Shapes, etc.). Mills: Rankin, Pa.

Crucible Steel Co. of America (Tool Steel, Merchant Bar Steel, Boiler & Tank Plate, Cold Drawn & Polished Steel Shafting, Cold Rolled Steel & General & Nickel Steel Forgings), Oliver bldg

Dilworth, Porter & Co. Ltd. (Tie Plates, Spikes, etc.) 4th & Bingham

Follansbee Bros. Co. (Iron & Open Hearth Sheet Steel Sheets, Tin Plate & Black Plates for Tinning)

Garrison A. Foundry Co. (Steel), 901 Dingham

Jones & Laughlin Steel Co. (Steel Billets & Blooms, Beams, Channels, Angles, Tees, Zees, Plates, Bars, Bands, Rails Up to 40 lbs., Cold Rolled Steel, Chain, Rivets, Spikes, Forgings, etc.) Ross

Lockhart Iron & Steel Co. (Bar, Bands & Hoops, Angles, Channels & Tees, etc.), (See McKees Rocks, Pa.)

Monongahela Iron & Steel Co. (Bar Iron, Muck Bar, Staybolt Iron, Iron Chains, etc.), Farmers Bank bldg. Mills: Hayes, Pa.

Monongahela Tube Co., Ferguson bldg. Mills: Wilson, Pa.

Morris & Bailey Steel Co. (Cold Rolled Steel Sheets, etc)

National Tube Co. ("National" Pipe & Boiler Tubes, etc.), Frick bldg.

Oliver Iron & Steel Co. (Bar Iron & Steel, Bolts, Nuts, Rivets, Forgings, etc.) S 10th & Muriel

Pittsburgh Cold Rolled Steel Co. (Cold Rolled Flat Strip Steel), 39th & P. R. R.

Pittsburgh Forge & Iron Co. (Merchant Bar & Staybolt Iron, etc.), Chamber of Commerce bldg

Pittsburgh Spring & Steel Co. (Spring Steel all consumed by the Company) Farmers Bank bldg

Pittsburgh Steel Co. (Steel Billets, Wire, Rods & Nails, Steel Bands & Hoops, Staples, Cotton Ties, Barbed Wire, etc.), 5th av & Grant

Pittsburgh Steel Products Co. (Seamless Steel Boiler & Mechanical Tubes) Frick bldg

Pittsburgh Tube Co. (Bedstead Tubing), Keystone bldg., Mills, Colona, Pa.

Russell J. C. Shovel Co. (Shovel Blanks, all consumed by the Company), 336 4th av

Spang, Chalfant & Co. (Pipe & Tube Mills), Union Bank bldg. Works: Etna, Pa.

Standard Steel Car Co. (Steel Cars). A. V. R. R. Works: Butler, Pa.

West Leechburg Steel Co. (Hot & Cold Rolled Strip Steel) Farmers Bk bldg. Works: West Leechburgh, Pa.

PORT VUE—McKeesport Tin Plate Co. (See McKeesport, Pa.)

POTTSTOWN—Glasgow Iron Co. (Muck Bars, Boiler, Tank & Bridge Plates, Boiler Heads, Pipe Flanges, etc.)

Lessig Geo. B. Co. (Tack, Nail & Shovel Plate & Puddle Bars, etc.)

Potts Bros. Iron Co. (Iron Skelp, Muck Bar & Pipe Iron)

POTTSVILLE—Eastern Steel Co. (Steel Beams & Structural Shapes, Bridge Plate, etc.). (See Pittsburgh, Pa.)

RANKIN—Columbia Steel & Shafting Co.

READING—Carpenter Steel Co. (Crucible Tool Steel, Gun, Roller & Machinery Steel, etc.)

Reading Iron Co. (Merchant Bar Iron, Wrought Iron Pipe, Staybolt Iron, etc.)

Seyfert Simon (Est. of). Works: Blandon, Pa.

SALTSBURG—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)

SCOTTDALE—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)

SCRANTON—Scranton Bolt & Nut Co. (Bar Iron, Bolts, Nuts, etc.)

SHARON—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)

Carnegie Steel Co. (See Pittsburgh, Pa.)

Republic Iron & Steel Co. (See Youngstown, O.)

Sharon Steel Hoop Co. (Open Hearth Steel Billets, Ingots & Bands, Hoops & Strips)

SHARPSBURG—Moorehead Bros. & Co., (Bar Iron, Boiler Sheet Tank & Skelp Iron & Steel)

SLATINGTON—Slatington Iron & Steel Co. ("Slatington Best," "Slatington Norway," "Slatington Staybolt," "Lehigh," High Grade Bar Iron, Also Staybolt, Boiler Rivet, Horse Shoe, Angle & Drop Forging Iron, etc.)

SOUTH BETHLEHEM—Bethlehem Steel Co. (Steel Billets & Blooms, Armor Plate Steel Bars, Light Rails, etc.)

VANDERGRIFT—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)

WASHINGTON—Jessop Steel Co. (Crucible Steel, Ingots, Sheets & Saw Steel, etc)

Tyler Tube & Pipe Co. (Charcoal Skelp & Blooms & Lap Welded Boiler Tubes)

Universal Rolling Mill Co.

WEST LEECHBURG—West Leechburgh Steel Co. (See Pittsburgh, Pa.)

WILLIAMSPORT—Sweets Steel Co. (Merchant Bar Steel, Special Open Hearth, Steel, Machinery Steel, Calking Steel, Soft Steel, etc.)

WILSON—Monongahela Tube Co. (See Pittsburgh, Pa.)

Morris & Bailey Steel Co. (Cold Rolled Steel Sheets, etc.)

WYOMING—Wyoming Shovel Works (Steel Sheets & Light Plates & Shovel Mfrs.)

YORK—Susquehanna Iron Co. (See Columbia, Pa.)

RHODE ISLAND.

PHILLIPSDALE—Washburn Wire Co. (Steel Billets, Steel Wire Rods & Nails, etc.)

VALLEY FALLS—Rhode Island Perkins Horse Shoe Co. (Bars for Horse Shoes & Tot Calks)

TENNESSEE.

BRISTOL—Virginia Iron Coal & Coke Co. (See Roanoke, Va.)

KNOXVILLE—Knoxville Iron Co. (Merchant Bar Iron & Steel)

TEXAS.

FORT WORTH—Armstrong, Geo. W. & Co., Inc. (Merchant Bar Iron)

VIRGINIA.

RICHMOND—Old Dominion Iron & Nail Works Co. (Merchant Bar Iron, Car & Bridge Iron, etc.) Belle Isle

Tredegar Co. (Merchant Bar, Car & Fish Plates) Ft of 5th

ROANOKE—Virginia Iron, Coal & Coke Co. (Merchant Bar Iron), Mills: Bristol, Tenn.

WEST VIRGINIA.

BENWOOD—National Tube Co. (See Pittsburgh)

CLARKSBURG—Phillips Sheet & Tin Plate Co. (Black Plates for Tinning & Tin & Terne Plate & Sheet Steel)

HUNTINGTON—West Virginia Rail Co. (Light Rails)

MORGANTOWN—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)

PADEN CITY—Carter Iron Co. (See Pittsburgh, Pa.)

PARKERSBURG—Parkersburg Iron & Steel Co. (Sheet Iron & Steel)

WEIRTON—Phillips Sheet & Tin Plate Co. (Polished Sheets, Steel Sheets for Stamped Ware, Stove Pipe, Enameling & Galvanizing Stock, Milk Can & Show Card Stock, Trunk & Tagger's Iron & Tin & Terne Plate Mfrs.) (Works, also Steubenville, O.)

WHEELING—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)
Wheeling Steel & Iron Co. (Steel Billets & Blooms, Steel Sheets, Skelp, Wrought Steel Pipe)
Whitaker-Glessner Co. (Open Hearth Steel Billets, Slabs, Ingots, Light Plates, Sheets, etc.)

WISCONSIN.

MILWAUKEE—American McKenna Process Co. (Renewed Steel Rails), 508 Colby-Abbot. Works: Joliet, Ill., Kansas City, Kans., & Tremley Joint, N. J.
Harrow Spring Co. (Refined Bar Iron, Milled Steel Bars & Spring Steel, etc.)
Illinois Steel Co. (See Chicago, Ill.)

12650—Rolling Mills (Lead & Zinc)

See also Rolling Mill Machy.

Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book
Standard Machinery Co., Providence, R. I.

12651—Rolling Mills (Phosphor Bronze, Etc.)

Riverside Metal Co., Riverside, N. J.
Stanford Rolling Mills Co. Inc., Springdale, Conn.

12652—Rolls (Adding Machine)

Alling & Cory Co., Rochester, N. Y.
American Sales Book Co. (Ltd.) (Duplicate), Elmira, N. Y.
BECK CHAS. CO., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Colonial Co., Mechanic Falls, Me.
Dudley Paper Co., Lansing, Mich.
Emerson Paper Co., Sunapee, N. H.
Hammermill Paper Co., Erie, Pa.
International Roll Paper Co., No. Manchester, Ind.
Irish Geo. Paper Co., Buffalo, N. Y.
Miller-Bryant-Pierce Co., Aurora, Ill.
Nashua Spoon & Bobbin Co., Grove Hall Station, Boston, Mass.
Paper Manufacturers Co., 526 Cherry, Phila., Pa.
Perry Chas. E. Co., 183 Congress, Boston, Mass.
Rockwell-Barnes Co., 823 S Wabash av, Chicago, Ill.
Tuttle Press Co., Appleton, Wis.
UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book

Rolls (Automobile Tool)

See Tool Rolls, Automobile

12653— Rolls (Bar)

Seaman-Sleeth Co., Pittsburgh, Pa.

12654— Rolls (Beater)

Dilts Machine Works (Bandless Beater Rolls for Paper Mills), Fulton, N. Y.

12655—Rolls (Belt Conveyor)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

12656—Rolls (Bending, Hand & Belt Power)

Chambersburg Engng. Co. (Belt & Electric Driven) **Chambersburg, Pa.**
Cincinnati Iron & Steel Co. ("Cisco"), Cincinnati, O.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Ironton Punch & Shear Co., Ironton, O.
Kling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. *See adv index at end of book*
Rock River Machine Co. (Hand Only), Janesville, Wis.
Slater-Marsden-Whittemore Co., Beloit, Wis.

12657—Rolls (Bending & Straightening)

Badger State Machine Co., Janesville, Wis.
Bertsch & Co. (Hand or Power for Plates, Sheets, Angles, Angle Iron, etc), Cambridge City, Ind.
Bethlehem Steel Co. (Hydraulic Plate Bending), South Bethlehem, Pa.
Betts Machine Co., Maryland av & South, Wilmington, Del.
Cincinnati Iron & Steel Co. ("Cisco"), Cincinnati, O.
Cleveland Punch & Shear Works Co., 8921 St. Clair av N. E, Cleveland, O.
Covington Machine Co., Covington, Va.
Erie Forge Co. (Feed), Erie, Pa.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Huntington Machine & Foundry Co., Huntington, Ind.
Ironton Punch & Shear Co. (Heavy Power), Ironton, O.
Klemm E. R. (Plate Bending), 1453 Austin av, Chicago, Ill.
Kling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.
Long & Allstatter Co. (Tire Bending, etc), Hamilton, O.
Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book
MORGAN ENGINEERING CO. (Plate Bending, etc), Alliance, O.
See adv index at end of book
New Doty Mfg. Co., Janesville, Wis.
Niles-Bement-Pond Co., 111 B'way, New York
Niles Forge & Mfg. Co. (Plate Bending), Niles, O.
Perkins Machine Co. (Hand & Power Bending, Electric), Warren, Mass.
Rock River Machine Co. ("Badger" Hand & Belt Power & Motor Driven Plate Bending Rolls), Janesville, Wis.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.
See adv index at end of book
Seaman-Sleeth Co., Pittsburgh, Pa.
Sellers Wm. & Co., 1600 Hamilton, Philadelphia, Pa.
Slater-Marsden-Whittemore Co. ("Beloit" Bending), Beloit, Wis.
Taylor-Wilson Mfg. Co. (Plate Skelp Bending Only), McKees Rocks, Pa.
Titusville Forge Co., Titusville, Pa.
United Engng. & Fdry Co., 307 5th av, Pittsburgh, Pa.
Whiting Geo. Co., 1719 Elston av, Chicago, Ill.
Wickes Bros. (Plate, etc), Saginaw, Mich.
See adv index at end of book

12658-9—Rolls (Blue Print)

Lovell Mfg. Co. (And for Mechanical Work), Erie, Pa.

12660—Rolls (Brass & Bronze)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Beloit Iron Works, Beloit, Wis.
Rome Brass & Copper Co. (Coiled), Rome, N. Y.
Scovil Mfg. Co., Waterbury, Conn.
See adv index at end of book

12661— Rolls (Breaker)

American Manganese Steel Co. "Amsco" & ("Stag" Brand, Manganese Steel for Coal Breakers, etc), 332 S Michigan av, Chicago, Ill.
Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT CO. ("Flint-Rim" for Coal, Coke, etc), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. R. Ry., Phila., Pa.
See adv index at end of book

12662— Rolls (Bullion)

Calkins Co., Los Angeles, Cal.

12663—Rolls (Chilled Calender)

Bellows Falls Machine Co., Bellows Falls, Vt.
Clark H. C. & Son Machine Co., Lee, Mass.
Farrel Foundry & Machine Co., Ansonia, Conn.
Garrison A. Fdry. Co., 901 Bingham, Pittsburgh, Pa.
Holyoke Machine Co. (Chilled Iron, Paper, Cotton & Husk), Holyoke & Worcester, Mass.
Improved Paper Machinery Co., Nashua, N. H.
Lobdell Car Wheel Co., G. nr Christiana, Wilmington, Del.
National Roll & Foundry Co., Avonmore, Pa.
Norwood Engineering Co., (Chilled Iron, Paper & Cotton) Florence, Mass.
Rice, Barton & Fales Machine & Iron Co., Worcester, Mass.
Sandy Hill Iron & Brass Works, Hudson Falls, N. Y.

12664-5—Rolls (Chilled for Rolling Gold & Silver)

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Lobdell Car Wheel Co., G., nr Christiana, Wilmington, Del.

12666—Rolls (Composition Calender & Paper Machinery)

Fuller Iron Wks., 40 Tockwotton, Providence, R. I.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

12667—Rolls (Crimping & Corrugating)

See also Machinery, Sheet Metal Workers'
Bertsch & Co., Cambridge City, Ind.
Driggs-Seabury Ordnance Co., Sharon, Pa.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Keene Geo. C. & Co., 2327 Florence av, Cincinnati, O.
Metallic Drawing Roll Co., Indian Orchard, Mass.
New Doty Mfg. Co., Janesville, Wis.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book
Robinson J. M. Mfg. Co., Cincinnati, O.
Rock River Machine Co., Janesville, Wis.

12668— Rolls (Crushing)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Bonnot Co. (Clay, etc), Canton, O.
Buchanan C. G. Co. ("Buchanan" Plain or Corrugated), 90 West, New York
Buckeye Iron & Brass Works, Dayton, O.
Callahan W. P. Co. (Cottonseed & Linseed, etc), Dayton, O.
Central Foundry Co., Webb City, Mo.
Chalmers-Williams Mfg. Co. (For Gold & Silver Ore, or Cement Plants), 1461 Arnold, Chicago Heights, Ill.
Colorado Iron Works Co. ("Humphrey"), Denver, Col.
Denver Engineering Works Co., Denver, Colo.
Dillon-Box Iron Works Co., Denver, Colo.
Farrel Foundry & Machine Co., Ansonia, Conn.
French Oil Mill Machinery Co., (Seed Crushing), Piqua, O.
Galena Iron Works Corp., Galena, Ill.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Hallidie Co. (Straight Line Balanced), Spokane, Wash.
Hendy Joshua Iron Works (Ore), 75 Tremont, San Francisco, Cal.
Hoagland's M. Sons Co., Rockaway, N. J.
KENNEDY VAN SAUN MFG. & ENG. CORP., (Sizes 12 in. up to 72 in.), 120 Broadway, New York
See adv index at end of book
Krom Machine Works ("Krom" Cushioned), 170 B'way, New York. Works: Jersey City, N. J.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Lobdell Car Wheel Co., G. nr Christiana, Wilmington, Del.
McFarlane Mfg. Co., Denver, Colo.

ROLLS (CRUSHING)—continued

McFarlane-Eggers Machy. Co. (Horizontal), Denver, Colo.
Marquette Jno. N. Sons, 513 S Eden, Baltimore, Md.
Mine & Smelter Supply Co., 42 B'way, New York
Nordberg Mfg. Co., Milwaukee, Wis.
Penna. Crusher Co., Stephen Girard bldg, Philadelphia, Pa.
Philadelphia Roll & Mach. Co., 25th & Washington av, Phila., Pa.
Platt Iron Works Co., Dayton, O.
South St. Louis Foundry Co., 7514 S B'way, St. Louis, Mo.
Standard Sand & Machine Co., 5150 St. Clair av, Cleveland, O.
Standard Steel Works Co. (Steel), Morris bldg, Phila., Pa.
Stedman's Foundry & Mach. Wks., Aurora, Ind.
Stroh Steel Hardening Process Co., Pittsburgh, Pa.
Sturtevant Mill Co. (Balanced for Dry & Wet Materials), Clayton & Park, Dorchester, Boston, Mass.
Ticonderoga Machine Works, Ticonderoga, N. Y.
Titusville Forge Co. (Sugar Mill), Titusville, Pa.
Traylor Engineering & Mfg. Co., Allentown, Pa.
United Iron Works Co., Kansas City, Mo.
Wilmot Engineering Co. ("Lloyd's" Gear Driven), Hazelton, Pa.
WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book

12669— Rolls (Dandy)

Appleton Wire Works, Appleton, Wis.
Bigelow Cheney Wire Works, Springfield, Mass.
Buchanan & Bolt Wire Co., Holyoke, Mass.
Eastwood Wire Mfg. Co., Belleville, N. J.
Gleesen Thos. E., East Newark, N. J.
Smith C. H. & Co., Springfield, Mass.

12670— Rolls (Engravers')

Hoggson & Pettis Mfg. Co., 161 Brewery, New Haven, Conn.

12671— Rolls (Felt)

Ticonderoga Machine Works (For Paper Makers), Ticonderoga, N. Y.

12672— Rolls (Flaking)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Wolf Co., Chambersburg, Pa.

12673— Rolls (Forged Steel)

Birmingham Iron Foundry, Derby, Conn.
Midvale Steel & Ordnance Co., Widener bldg, Phila., Pa.
Penna. Forge Co., Wakeling & Bermuda, Phila., Pa.
Tinker F. & Sons Co., 5687 Butler, Pittsburgh, Pa.

12674—Rolls (Forging & Tapering)

Ajax Mfg. Co., Cleveland, O.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

12675— Rolls (Grinding)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
Buchanan C. G. Co. (Wet & Dry), 90 West, New York
CROSSLEY MACHINE CO. (For Rubber Only), State & Chestnut av, Trenton, N. J. *See adv index at end of book*
Dillon-Box Iron Works Co., Denver, Colo.
Gauntt F. G. Mfg. Co. (For Flour Mills), Fort Wayne, Ind.
National Roll & Foundry Co. (Paper, Oil & Flour Mill), Avonmore, Pa.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Sandy Hill Iron & Brass Works (For Paper Mills), Hudson Falls, N. Y.
Standard Sand & Machine Co., 5150 St. Clair av, Cleveland, O.
Wolf Co., Chambersburg, Pa.

12676—Rolls (High Carbon Steel)

Lobdell Car Wheel Co., G. nr Christiana, Wilmington, Del.

12677—Rolls (Hub Band Bending & Truing)

Williams White & Co., Moline, Ill.

12678—Rolls (Ignition Friction)

Waltham Screw Co. (In connection with Ceric Iron), Waltham, Mass.

12679— Rolls (Jewelers')

Hamilton George (Figured, For Rings, etc), 144 Pine, Providence, R. I.
Hammond Steel Co. Inc., Solvay, N. Y.
Leiman Bros., 62 John, New York
Manville E. J. Machine Co., Waterbury, Conn.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
Worthington & Raymond (Dealer), 71 Murray, New York

12680—Rolls (Lap Welding)

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
United Engng. & Fdry. Co. (Single & Double for Pipe & Tube Mills), 307 5th av, Pittsburgh, Pa.

12681—Rolls (Leather Pressure)

Barry & Zecher Co., Lancaster, Pa.

12682— Rolls (Lime)

Union Iron Works Co., Selma, Ala.

12683— Rolls (Live)

ALLIS-CHALMERS MFG. CO. (Also Drives, For Sawmills), Milwaukee, Wis. *See adv index at end of book*
Curtis & Co. Mfg. Co. ("Curtis"), 1571 Kienlen av, St. Louis, Mo.
Union Iron Works Co., Selma, Ala.
Wheland Co. (Steel), Chattanooga, Tenn.

12684—Rolls (Merchant Shapes)

Seaman-Sleeth Co., Pittsburgh, Pa.

12685—Rolls (Music, Perforated)

Benett & White Inc. ("Artempo"), 67 Goble, Newark, N. J.
Royal Music Roll Co., 2964 Main, Buffalo, N. Y.

12686— Rolls (Oil Mill)

Lobdell Car Wheel Co. G nr Christiana, Wilmington, Del.
National Roll & Foundry Co. (Cotton & Linseed), Avonmore, Pa.

12687-8-9—Rolls (Painting, for Long Length Sheet Metal)

Canton Foundry & Machine Co. ("Universal"), Canton, O.

12690—Rolls (Pipe Welding)

Pittsburgh Iron & Steel Foundries Co., Midland, Pa.

12691— Rolls (Plate)

Seaman-Sleeth Co., Pittsburgh, Pa.

Rolls (Plate Bending)

See Rolls, Bending & Straightening

12692— Rolls (Rail)

Seaman-Sleeth Co., Pittsburgh, Pa.

12693—Rolls (Ribbon Solder)

Marquette Jno. N. Sons, 513 S Eden, Baltimore, Md.

12694— Rolls (Rubber)

American Wringer Co. (Rubber Covered), 99 Chambers, New York
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Combination Rubber Mfg. Co. (Also Rubber Covered) Bloomfield, N. J.
Continental Rubber Works, Erie, Pa.
Empire Tire & Rubber Corp., East Trenton, N. J.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg Co., 126 **Duane, New York**
Lovell Mfg Co. (For Laundries, Woolen Mills, Tanneries, etc), Erie., Pa.
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mercer Rubber Co. (Rubber Covered), Hamilton Square, N. J.
Pennsylvania Rubber Co., Jeannette, Pa.
Quaker City Rubber Co. (Rubber Covered), 629 Market, Phila., Pa.
Republic Rubber Co., Youngstown, O.
Revere Rubber Co. (And Rubber Covered), Chelsea, Mass.
Thermoid Rubber Co., Trenton, N. J.

12695—Rolls (Sand & Chilled)

See also Machinery, Rolling Mill

American Roll & Foundry Co. (Sand & Chilled Only), Canton, O.
American Sheet & Tin Plate Co. (Sand Chilled & Semi-Steel), Frick bldg, Pittsburgh, Pa.
Beloit Iron Works (Iron), Beloit, Wis.
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Birmingham Iron Foundry (Sand & Chilled Only), Derby, Conn.
Black-Clawson Co., Hamilton, O.
Farrel Foundry & Machine Co. (Chilled & Sand), Ansonia, Conn.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Hubbard Steel Foundry Co. (Chilled Sand & Steel), East Chicago, Ind.
Hyde Park Foundry & Machine Co. (Sand & Chilled), Hyde Park, Pa.
Lobdell Car Wheel Co. (Sand & Chilled Cast Iron), G nr Christiana, Wilmington, Del.

ROLLS
Chilled - Sand Iron - Steel
"MESTA SPECIAL ALLOY"
MESTA MACHINE COMPANY
Pittsburgh, Pa. - - U. S. A.

National Roll & Foundry Co. (Sand & Chilled), Avonmore, Pa.
PHILADELPHIA ROLL & MACHINE CO. (Sand Chilled & Steel), 25th & Wash'n av, Phila., Pa.
Pittsburgh Iron & Steel Foundries Co., Midland, Pa.
Reading Iron Co., Reading, Pa.
Seaman-Sleeth Co. (For all purposes, for Metal Rolling), Pittsburgh, Pa.
Standard Engineering Co., Ellwood City, Pa.
Standard Roll Co. (Iron), Worcester, Mass.
United Engng. & Fdry. Co., 307 5th av, Pittsburgh, Pa.
United Iron Works Co., Kansas City, Mo.
Wheeling Mold & Foundry Co. (Sand & Chilled), Wheeling, W. Va.
Youngstown Foundry & Machine Co. Youngstown, O.

12696—Rolls (Scrap Reclaiming)

Ajax Mfg. Co., Cleveland, O.

12697— Rolls (Slugger)

Kennedy Van Saun Mfg. & Eng. Corp., 120 B'way, New York

12697a—*Rolls (Special Alloy)

Mesta Machine Co., Oliver bldg., Pittsburgh, Pa. *See adv index at end of book*

12698— Rolls (Stay)

Frantz Mfg. Co., Sterling, Ill.
Lawrence Bros. ("Union," "Faultless," Adjustable), Sterling, Ill.

12699— Rolls (Steel)

Steel Rolls for Rolling Mills, etc

Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Hubbard Steel Foundry Co., E. Chicago, Ind.
Lobdell Car Wheel Co., G nr Chrisiana, Wilmington, Del.
Mackintosh, Hemphill & Co., Pittsburgh, Pa.
MESTA MACHINE CO. (Acid Open Hearth), Pittsburgh, Pa.
See adv index at end of book
Penn Seaboard Steel Corp., 1418 Chestnut, Philadelphia, Pa.
Pittsburgh Iron & Steel Foundries Co., Midland, Pa.
Pittsburgh Steel Foundry, House bldg, Pittsburgh, Pa.
Pratt & Letchworth Co. (Vanadium & Other Steel), Buffalo, N. Y.
United Engineering & Foundry Co., 307 5th av, Pittsburgh, Pa.

12700—Rolls (Street Sweeper)

Lay Jos. Co. (Brass, Fibre, Bamboo, Rattan, Hickory, Splints, Steel Wire, etc), Ridgeville, Ind.

12701— Rolls (Suction)

Sandusky Foundry & Machine Co. ("Millspaugh"), Sandusky, O.

12702— Rolls (Tin Plate)

Seaman-Sleeth Co., Pittsburgh, Pa.

12703—Rolls (Tool, Canvas)

Aronoff Joseph J., Trenton, N. J.
Cincinnati Tent & Awning Co., 232 E 3d, Cincinnati, O.
Excelsior Bag & Mfg. Co., Troy, N. Y.

12704— Rolls (Typewriter)

Goodrich B. F. Co. (Rubber), Akron, O.
Pennsylvania Rubber Co., Jeannette, Pa.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

12705-6— Rolls (Vacuum)

Farnham Mfg. Co. ("Farnham" for Cylinder & Wet Machines for Paper Mills), 39 Indiana, Buffalo, N. Y.

12707— Rolls (Wood)

Beloit Iron Works, Beloit, Wis.

Established 1847
E. B. ESTES & SONS
Manufacturers of
TURNED WOOD ROLLERS, CASTER ROLLERS, PULLEY ROLLERS
Automatic Lathe Turnings of Every Description, Plain, Polished or Enameled
364 5th Ave., New York City

Estes E. B. & Sons, 364 5th av, New York. *See adv index at end of book*
Novelty Turning Co. (For Perforated Music), Norway, Me.
Standard Turning Works, Cambridge, Mass.
Tatem J. B. & Son (Lawn Mower & Heavy), Putnam, Conn.

Rolls (Wringer)

See Rolls, Rubber

12707a— *Roof Coating

Du Pont Chemical Works, 120 Broadway, New York

12708— Roof Joint

Parker E. L. & Nimmo Co. ("Reese" Patent Water Tight, Expanding, etc), 203 S Charles, Baltimore, Md.

12709—Roof Paving Compound

Powell M. W. Co. ("Actinolite"), 140 S Dearborn, Chicago, Ill.

12710— Roof Snow Guards

Berger Bros. Co., 229 Arch, Philadelphia, Pa.
Clason Architectural Metal Works, 428 Kinsley av, Providence, R. I.
Cleveland Wire Spring Co., Cleveland, O.
Danzer Metal Works, Hagerstown, Md.
Duplex Hanger Co. ("Cleveland," Galvanized & Corrugated), E 53rd & Lakeside av, Cleveland, O.
Folsom Snow Guard Co., 4 P. O. sq, Boston, Mass.
Fulmer J. H. ("Eagle," "Fulmer," "Eureka"), Nazareth, Pa.
GILMAN SNOW GUARD CO. ("Gilman" can be applied while slating or to old roofs already laid), 103 Merrimac, Boston, Mass.
Hamblin & Russell Mfg. Co. ("Brace," "Standard"), Worcester, Mass.
Hungerford U. T. Brass & Copper Co. ("Gilman" Copper & Galv'd Iron), 80 Lafayette, New York
Merchant & Evans Co., 2035 Washington av, Philadelphia, Pa.
See adv index at end of book
National Safety Fifth Wheel Co. ("Shamrock"), Lancaster, Pa.
Niksah Snow Guard Co., 5 Mount Pleasant, Worcester, Mass.
Peter F. N. & Bro. ("Never Break"), Newside, Pa.
Sieger & Son Mfg. Co., Slatington, Pa.
Wrightsville Hardware Co. (Cast Iron), Wrightsville, Pa.

Roof Trusses

See Steel Structural Work

12711—Roofers (Plastic Slate)

Aeolian Plastic Slate Roofing Co. (Tile, Brick & Slate Paved Roofs), 687 W 42d, New York
Casmento Specif Roofing Co., 103 Park av, New York
Foy Edw. L. & Co., 16 W Camden, Baltimore, Md.
Griffin Roofing Co., 506 W 26th, New York
Laura John & Co., 101 Park av, New York
National Roofing Material Co. ("Compo-Slate"), Edwardsville, Ill.
Noble H. Co., 623 S Caroline, Baltimore, Md.

12712— Roofing (Actinolite)

Machwirth Bros. Co., 201-9 Oak, Buffalo, N. Y.

PATENTS
Our Hand Book on Patents, Trade Marks, etc., sent free. Patents procured through Munn & Co., receive free notice in the **Scientific American.**
Munn & Co., 699 Woolworth Bldg., N. Y.
Washington Office: 625 F Street, Washington, D. C.

12713— Roofing (Asbestos)

Baltimore Roofing & Asbestos Mfg. Co., Baltimore, Md.
Carey Philip Mfg. Co. ("Carey," "Feltex" Asphalt Saturated Felt, "Manco," "Asphalt Cement," "Combo," "Percoproof"), 330 Wayne av, Lockland, Cincinnati, O
Chicago Asbestos Mfg. Co., 1909 W 22d pl, Chicago, Ill.
Chicago Fire Proof Covering Co., 322 N Michigan av, Chicago, Ill.
EDWARDS MFG. CO., Cincinnati, O.
See adv index at end of book
Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa. Works: Valley Forge, Pa.
Federal Asbestos Co., Milwaukee, Wis.
Hoff John D. Asbestos Co. ("Hoffite Plastic"), Monadnock bldg, San Francisco, Cal.
Johns H. W.-Manville Co. ("J. M. Ready"), Madison av & 41st, New York
Keasbey & Mattison Co., Ambler, Pa.
Mikesell Bros. Co., 176-178 N La Salle, Chicago, Ill.
Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
Rock Asbestos Roofing Co., Erie, Pa.
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
Stowell Mfg. Co., 240 Culver av, Jersey City, N. J.
Warren Chemical & Mfg. Co., 17 Battery pl, New York
Watson H. F. Co., Erie, Pa.
Western Asbestos Magnesia Co., 25 S Park, San Francisco, Cal.
Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.

12714-15—Roofing (Asbestos Protected Metal)

Asbestos Protected Metal Co. ("Aegisroll"), Beaver Falls, Pa.
Moeschl-Edwards Corrugating Co. ("Gem" Brand Underside Protected with Cement Paper or Asbestos), Covington, Ky.

12716—Roofing (Asphalt, Ready)

Burlap Back
Gravel Surface
Grit Surfaced
Mica Plated
Pebble Surface
Sand Surface
Slate Surface
Stone Surface
Terra Cotta Surface

All Roofing Mfg. Co. ("Armco"), 1843 Converse av, E St. Louis, Ill.
Amalgamated Roofing Co. ("In-Lade"), 431 S Dearborn, Chicago, Ill.
American Roofing Co. ("Peerless"), Kansas City, Mo.
Apco Asphalt Roofing Co., 47 W 34th, New York
Asphalt Ready Roofing Co. ("Protection Brand"), 9 Church, New York
Asphalt Roofing Co. ("Wanigas"), Saginaw, Mich.
Barber Asphalt Paving Co. ("Genasco"), Land Title bldg, Phila., Pa.
Barnitz Geo. A., York, Pa.
Barrett Co. ("Amatite," "Black Diamond") **17 Battery pl, New York**
Beckman-Dawson Co., Association bldg, Chicago, Ill.
Berkheimer J. E. Mfg. Co., Tacoma, Wash.
Bird & Son ("Neponset Paroid", "Neponset Proslate") East Walpole, Mass.
Bishopric Mfg. Co. ("Bishopric"), 1453 Este av, Cincinnati, O.
Bodine Roofing Co., Mansfield, O.
Carey Philip Mfg. Co. ("Carey," "Feltex" Asphalt Saturated Felt "Manco" Asphalt Cement, "Combo" Asphalt Cement, "Percoproof"), 330 Wayne av, Lockland, Cincinnati, O.
Carpenter-Morton Co. (Wool Felt Saturated with Asphalt), 77 Sudbury, Boston, Mass.
Certain-teed Products Corpn., St. Louis, Mo.
Chapman & Soden ("Beaver," "I. X. L."), 150 Oliver, Boston, Mass.
Chatfield Mfg. Co. ("Paracote" Asphalt Felt), Carthage, Cincinnati, O.
Doggett Stanley (Soapstone Finish), 11 Cliff, New York
Driscoll Bros. & Co. ("Cornell"), Ithaca, N. Y.
EDWARDS MFG. CO., Cincinnati, O.
See adv index at end of book
Elaborated Ready Roofing Co., 4417 Wentworth av, Chicago, Ill.
Fairbank, Morse & Co. ("Eclipse"), 900 S Wabash av, Chicago, Ill.
Flintkote Co. ("Rex Slate Surfaced," "Rex Inlaid" Asphalt Slate Surface Shingle Pattern Roll), 88 Pearl, Boston, Mass.
Ford Mfg. Co. ("Gal-va-nite"), 2339 La Salle, Chicago, Ill.
General Roofing Mfg. Co., Boatman's Bk bldg, St. Louis, Mo.
Heppes-Nelson Roofing Co. ("Flex-a-Tile Roofing"), 4500 Fillmore, Chicago, Ill.
Keystone Roofing Mfg. Co., York, Pa.
Lehon Co. ("Mule-Hide," "Roofrite") W 45th & S Western av, Chicago, Ill.
Lewis F. J. Mfg. Co., 2513 S Robey, Chicago, Ill.
McHenry-Milhouse Mfg. Co. ("Climax"), South Bend, Ind.
Mahon R. C. Co. (Gravel Surface), St. Aubin & E Grd blvd., Detroit, Mich.
National Roofing Co. ("Security," "Safety"), Tonawanda, N. Y.

ROOFING (ASPHALT, READY)—cont'd

National Roofing Material Co. ("Mastic," "Swan," "Ever-Wear," "No-Equal," "Permanite" & "National"), Edwardsville, Ill.
Patent Vulcanite Roofing Co. ("Vulcanite"), **2256 W 49th, Chicago, Ill.**
Pioneer Paper Co. ("Ready Rock"), Los Angeles, Cal.
Piper J. A. Roofing Co., Greenville, S. C.
Porter Iron Roofing & Corrugating Co. ("Porteroid"), 522 Culvert, Cincinnati, O.
Schillinger Bros. ("Eagle" Brand), Detroit, Mich.
Scott Roofing & Mfg. Co. ("Asteroid Siottco"), 408 Culvert, Cincinnati, O.
Sonneborn L. Sons ("Sonnecote," "Stormtight," Asphalt-Fibre), 262 Pearl, New York
Stowell Mfg. Co., 240 Culver av, Jersey City, N. J.
Texas Co. ("Texaco"), 17 Battery pl, New York
Trainer C. W. Mfg. Co., 55 High, Boston, Mass.
Trinidad Asphalt Mfg. Co., Title Guaranty Trust bldg, St. Louis, Mo.
United Roofing & Mfg. Co. ("Congo"), Morris bldg, Phila., Pa.
Usona Mfg. Co. ("Howard's" Double Lap, "Usona"), Aurora, Ill.
Walters Mfg. Co., Fulton bldg., Pittsburgh, Pa.
Warren Chemical & Mfg. Co. ("Anchor," "Walrus," "Mineralite" and "Permanoid"), 17 Battery pl, New York
Watson H. F. Co. ("Indruroid"), Erie, Pa.
Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.
Whitaker Paper Co. ("Raintyte"), Eggleston av, 6th & Lock, Cincinnati, O.
White A. H. Co., Ltd. ("Shellene," "Phaltoid," "Steelcote"), Howard Vinus Miro & Tonti, New Orleans, La.

12717—Roofing (Asphalt Slag)

Hetzel J. G. (Est. of), 67 Main, Newark, N. J.
Stowell Mfg. Co., 240 Culver av, Jersey City, N. J.

12718— Roofing ("Burmite")

Burmite Roofing Co. (Flexible-Cement, Burlap Inserted), 19 S La Salle, Chicago, Ill.

12719— Roofing (Canvas)

Barrell Wm. L. Co. ("Con-Ser-Tex"), 8 Thomas, New York
Boyle John & Co. ("Bayonne"), 112 Duane, New York
Flintkote Co. ("Paradux"), 88 Pearl, Boston, Mass.
National Roofing Material Co. ("Mastic," "Compo-Slate," "Gravel-Coated" & "Burlap-Gravel"), Edwardsville, Ill.

12720— Roofing (Car)

Asbestos Protected Metal Co. ("Robertson" Standard For Inside of Box Cars), Beaver Falls, Pa.
Barrell Wm. L. Co. ("Con-Ser-Tex"), 8 Thomas, New York
Bird & Son ("Neponset," "Paroid"), East Walpole, Mass.
Carey Philip Mfg. Co. (For Freight Cars, etc.), 330 Wayne av, Lockland, Cincinnati, O.
Chicago-Cleveland Car Roofing Co. (Freight Car, Metal), 80 E Jackson blvd, Chicago, Ill.
EDWARDS MFG. CO., Cincinnati, O.
See adv index at end of book
Excelsior Car Roof Co. (Galvanized Soft Steel), 207 N 8th, St. Louis, Mo.
Ford Mfg. Co., 2339 La Salle, Chicago, Ill.
Franklin Railway Supply Co. (Flexible Metallic Box Car, etc), 30 Church, New York
General Roofing Mfg. Co., 17th & Southern Ry., East St. Louis, Ill.
Hutchins Car Roofing Co. (Iron & Plastic), Ford bldg., Detroit, Mich.
Johns H. W.-Manville Co. ("Car-Best-Us"), Madison av & 41st, New York
Keyes Products Co. ("Nevasplit," for Freight Car Roofs), 120 B'way, New York
Lehon Co. ("Roofite" Plaster), W 45th & S Western av, Chicago, Ill.
National Roofing Material Co. ("Mastic," "Compo-Slate," "Gravel-Coated" & "Burlap-Gravel"), Edwardsville, Ill.
Patent Vulcanite Roofing Co. ("Vulcanite" Rubber), **2256 W 49th, Chicago, Ill.**
Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
Reeves Mfg. Co., Dover, O.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Scott Roofing & Mfg. Co. ("Scott's"), 408 Culvert, Concinnati, O.
Standard Paint Co. ("Ru-ber-oid"), 232 B'way, New York
Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.

12721—Roofing (Composition)

Asphalt Ready Roofing Co., 9 Church, New York
EDWARDS MFG. CO., Cincinnati, O.
Ehret Roofing & Mfg. Co. ("Ehro"), Drexel bldg, Philadelphia, Pa.
Flintkote Mfg. Co. ("Mikado," "Rex Flutkote," "Zarex," "Rex Stato Surfaced," "Rex Inlaid," "Guardian," "Steadfast"), 88 Pearl, Boston, Mass.
Monsted A. Co., Milwaukee, Wis.

12722— Roofing (Compound)

Arco Co., Euclid & E 65th, Cleveland, Ohio
Atlas Co., Lincoln, N. J.
Federal Graphite Mills, 2639 E 79th, Cleveland, O.
General Roofing Mfg. Co., 17th & Southern Ry., East St. Louis, Ill.

12723— Roofing (Cork)

Stowell Mfg. Co., 240 Culver av, Jersey City, N. J.

Roofing (Duck)

See Cotton Duck & Canvas

12724— Roofing (Elaterite)

Raven Mining Co. of Utah ("Kapak"), Marquette bldg, Chicago, Ill.
Western Elaterite Roofing Co., Denver, Colo.

12725— Roofing (Feldspar)

Keystone Roofing Mfg. Co. ("Samson"), York, Pa.
Stowell Mfg. Co., 240 Culver av, Jersey City, N. J.

12726— Roofing (Felt)

Asphalt Ready Roofing Co. ("Hudson"), 9 Church, New York

12727—*Roofing ("Leatheroid")

UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book

12728 Roofing (Mastic)

National Roofing Material Co., Edwardsville, Ill.
Union Products Co. ("Parlock"), Cleveland, O.

Roofing Materials

See Specific Article Required

Roofing Materials (Asphalt)

See Asphalt Dealers & Importers
Also Asphalt Miners & Refiners
Also Roofing Asphalt

12729— Roofing (Paroid)

Bird & Son ("Neponset"), East Walpole, Mass.

Roofing Plate, Metals, Etc.

See Roofing & Siding, Iron & Steel, also Tin Plate, Metals, etc.; also Tin Plate Manufacturers

12730— Roofing (Red Rope)

Keystone Roofing Mfg. Co. ("Keystone," "Conewago"), York, Pa.

12731— Roofing (Rubber)

All Roofing Mfg. Co. ("Armco"), 1842 Converse av, East St. Louis, Ill.
Asphalt Ready Roofing Co., 9 Church, New York
Barrett Co. ("Amazon"), 17 Battery pl, New York
Berkheimer J. E. Mfg. Co., Tacoma, Wash.
Cartier W. N. & Sons Co. ("Roger Williams," Rubberlyk), 289 Canal, Providence, R. I.
Chatfield & Woods Co., 3d & Plum, Cincinnati, O.
Edwards Mfg. Co., Cincinnati, O.
See adv index at end of book
Flintkote Co. ("Mikado"), 88 Pearl, Boston, Mass.
Ford Mfg. Co. ("Ford's Pyramid"), 2339 La Salle, Chicago, Ill.
General Roofing Mfg. Co. (Reinforced with Burlap), Boatman's Bank bldg, St. Louis, Mo.
Heppes-Nelson Roofing Co. (Flint Surfaced & Slate Surfaced), 4500 Fillmore, Chicago, Ill.
Keystone Roofing Mfg. Co. ("X-L-Oid"), York, Pa.
McHenry-Millhouse Mfg. Co. ("Veribest," "Durable,"), South Bend, Ind.
National Roofing Co., Tonawanda, N. Y.
National Roofing Material Co. ("Swan," "Ever Wear," "No Equal," "Permanite" & "National"), Edwardsville, Ill.
Nelson B. F. Mfg. Co., Minneapolis, Minn.
O'Meara Maurice Co. ("Perfect," "Raintight"), 448 Pearl, New York
Patent Vulcanite Roofing Co. ("Vulcanite"), 2256 W 49th, Chicago, Ill.
Rubber Roofing Mfg. Co. ("Apollo"), 5 Cortlandt, New York
Sall Mountain Co. ("Reliance"), 230 S La Salle, Chicago, Ill.
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
UNION PAPER & TWINE CO. ("Leatheroid," "Duro"), 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg., Buffalo, N. Y.
See adv index at end of book
United Roofing & Mfg. Co., Morris bldg Phila., Pa.
Usona Mfg. Co. ("Paratax," "Oroofs"), Aurora, Ill.

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Roofing Slate (Asbestos)

See Shingles, Asbestos

12732—Roofing Slate (Graduated)

Eurega Slate Quarries, Fair Haven, Vt.
Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.
General Slate Co., 200 Devonshire, Boston, Mass.
Hampshire Slate Co., Fair Haven, Vt.
KNICKERBOCKER SLATE CORP., 19 W 44th, New York
OLD ENGLISH SLATE QUARRIES, 200 Devonshire, Boston, Mass.

12733— Roofing Slate Mfrs.

NOTE—(Slate quarried in Maine is all black, ditto Virginia, while that quarried in Pennsylvania & Maryland is also black, but borders on dark blue, & is advertised by some firms as dark blue. The slate quarries of Maryland are on the Penna. State line & the P. O. address is Delta, Pa. Slate quarried in New York is red of various tints, while that quarried in Vermont is of various colors, such as green, purple, variegated, etc.)

Albion Bangor Slate Co., Wind Gap, Pa.
Albion Superior Slate Co., Wind Gap, Pa.
Albion Vein Slate Co., Bangor, Pa.
American Sea Green Slate Co., Granville, N. Y.
American Slate Co., Easton, Pa.
Arvonia-Buckingham Slate Co., Richmond, Va.
Auld & Conger Co. ("Peach Bottom," "Bangor Ribbon"), 942 Prospect, Cleveland, O. Quarries at Poultney, Vt.
Baltimore Peach Bottom Slate Corp., Delta, Pa.
Bangor Central Slate Co., Bangor, Pa.
Bangor Excelsior Slate Co., Bangor & Easton, Pa. Office: Easton, Pa.
Bangor Slate Co., Bangor, Pa.
Bangor Slate Mining Co., Bangor, Pa.
Bangor Structural Slate Co., Bangor, Pa.
Bangor Washington Slate Co., Bangor, Pa.
Barbon Slate Co., Slatington, Pa.
Beckman-Dawson Co., 19 S La Salle, Chicago, Ill.
Belfast Slate Co., Nazareth, Pa.
Bittner Slate Co., Allentown, Pa.
Blue Mountain Slate Co., Slatington, Pa.
Blue Valley Slate Mfg. Co. (Ltd.), Slatington, Pa.
Blue Vein Slate Co., Slatington, Pa.
Bray J. Slate Co. (Dealers), East Bangor, Pa.
Cambridge Slate Co., Slatington, Pa.
Chapman Slate Co., Bethlehem, Pa.
Chapman Standard Slate Co., Phila., Pa.
Columbia Bangor Slate Co., Bangor, Pa.
Columbus Slate Co. (Wholesale), New Hayden bldg, Columbus, Ohio
Crown Slate Co., Pen Argyl, Pa.
Ditchett Thos. Estate, Bangor, Pa.
See adv index at end of book

Thos. Ditchett Estate
Roofing Slate
from the
Columbia Bangor Quarry

East Bangor Consolidated Slate Co., East Bangor, Pa.
Eastern Slate Co., Fair Haven, Vt.
Emack Jno. D. Co. (Jobber), Stephen Girard bldg, Phila., Pa.
Eureka Slate Mfg. Co. (Ltd.), Slatington, Pa.
Eureka Slate Quarries, Fair Haven, Vt.
Excelsior Slate Co., Pen Argyl, Pa.
Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.
Fairview Slate Co., Slatington, Pa.
General Slate Co. (Unfading Blue-Gray), (Quarries at Fair Haven, Vt.), 200 Devonshire, Boston, Mass.
Genuine Bangor Slate Co., Easton, Pa.
Green Mountain Slate Co., Poultney, Vt.
Griffith Bros. Slate Co., Slatington, Pa.
Griffith Wm. J., Poultney, Vt.
Hahn Granville, Walnutport, Pa.
HAMMANN SLATE CO., Bangor, Pa.
Hampshire Slate Co., Fair Haven, Vt.
Handy N. B. Co., Lynchburg, Va.
Harding William & Co., Pen Argyl, Pa.
Hazel Dell Slate Co., Slatington, Pa.
Hercules Slate Co., Bangor, Pa.
Highland Slate Co., Slatedale, Pa.
Higrade Slate Co., Granville, N. Y.
Hower Jeremiah K., Danielsville, Pa.
Inlaid Slate Co., Wickliffe, Newark, N. J.
Inlaid Slate Co., Pen Argyl, Pa.
International Slate Co., Slatington, Pa.
Jackson Bangor Slate Co., Pen Argyl, Pa.
Jackson Rich Slate Co., Pen Argyle, Pa.
Jones Falk & Sons, Slate Hill, Pa.
Jones Robt. L. Slate Mfg. Co., Delta, Pa.
Kasch Roofing Co., Akron, Ohio.
Keenan Structural Slate Co., Bangor, Pa.
Keystone Slate Co., Phila., Pa.
Kimes J. B. & Co. (Jobbers), 24th & Callowhill, Phila., Pa.
Kirtland Wm. H. (Jobbers), 1123 B'way, New York
KNICKERBOCKER SLATE CORP., 19 W 44th, New York
Lehigh Structural Slate Mfg. Co., Bangor & Slatington, Pa.
Lloyd W. H., Fair Haven, Vt.
Lobb Parry & Co., Danielsville, Pa.
Lynnport Slate Works, Lynnport, Pa.
MacLellan H. G., 175 W Jackson, Chicago, Ill.
Mahar Bros. Slate Co., Fair Haven, Vt.
Miles Peach Bottom Slate Co., Delta, Pa.
Monarch Blackboard & Structural Slate Co., Slatington, Pa.
Montgomery Slate Co., Shenandoah, Pa.
New York Consolidated Slate Co., Poultney, Vt.
NORTH BANGOR SLATE CO., Bangor, Pa.
Norton Bros., Granville, N. Y.
O'Brien Bros., Granville, N. Y.
O'Halloran & Jacobs, Park bldg, Pittsburgh, Pa.
OLD ENGLISH SLATE QUARRIES, 200 Devonshire, Boston, Mass.; quarries at Granville, N. Y., Hampton, N. Y., & Fairhaven & Poultney, Vt.
Ontalaunee Slate Mfg. Co., Lynnport, Pa.
Owens' Owen W. Sons, Granville, N. Y.
Parsons Bros. Slate Co., Pen Argyl, Pa.
Peach Bottom Slate Co., Delta, Pa.
Peerless Slate Co., Delta, Pa.
Penna. Hard Vein Slate Co., Easton, Pa.
Penna. Slate Co., Slatington, Pa.
Peters E. D. & Sons, Slatington, Pa.
Phoenix Slate Co., Wind Gap, Pa.
Piper J. A. Roofing Co., Greenville, S. C.
Pitts A. L. Slate Co., Arvonia, Va.
Portland Monson Slate Co., Portland, Me.
See adv index at end of book
Provident Slate Co., Slatington, Pa.
Rice & Co., Granville, N. Y.
Richmond Slate Co., Arvonia, Va. (See Richmond, Va.)
Richmond Slate Co., Richmond, Va. (Quarries: Arvonia, Va.)
Rising & Nelson Slate Co., West Pawlet, Vt.
Roberts & Carter, Poultney, Vt.
Roberts G. T., West Pawlet, Vt.
Royal Blue Slate Co., Slatedale, Pa.
Sheldon F. C. Slate Co., Granville, N. Y.
Shimer Slate Co., Bangor, Pa.
Sieger & Son Mfg. Co. (Jobbers), Slatington, Pa.
Slatington-Bangor Slate Syndicate, Slatington, Pa.
Slatington Slate Co., Slatington, Pa.
Standard Slate Corporation, Esmont, Va.
Stephens Jackson Co., Pen Argyl, Pa.
Stoddard D. & Son, Pen Argyl, Pa. (See Bangor, Pa.)
Stoddard D. & Sons, Bangor, Pa.
Thomas Slate Co. (Ltd.), Slatedale, Pa.
Tinsman M. L. & Co., Penn Argyl, Pa.
United Peach Bottom Slate Co., Delta, Pa.
Vermont Unfading Green Slate Co., Fair Haven, Vt.
Washington Slate Co., Slatington, Pa.
Williams Slate Co., Arvonia, Va. (See Richmond, Va.)
Williams Slate Roofing Co., Mutual bldg, Richmond, Va. (Quarries: Arvonia, Va.)
Williams R. J. Slate Co., Granville, N. Y.
Woodley Slate Co., Bangor, Pa.
Zellner Thos., Slatington, Pa.

12734—Roofing Slate (Purple)

American Sea Green Slate Co., Granville, N. Y.
Columbus Slate Co. (Jobbers), New Hayden bldg, Columbus, O.
Griffith Wm. J., Poultney, Vt.
Mahar Bros. Slate Co., Fair Haven, Vt.
New York Consolidated Slate Co., Poultney, Vt.
Old English Slate Quarries, 200 Devonshire, Boston, Mass.
Rising & Nelson Slate Co., West Pawlet, Vt.
Sheldon F. C. Slate Co., Granville, N. Y.
Williams R. J. Slate Co., Granville, N. Y.

12735—Roofing Slate (Red)

Guthrie Bros., West Pawlet, Vt.
Old English Slate Quarries, 200 Devonshire, Boston, Mass.
Sheldon F. C. Slate Co., Granville, N. Y.
Superior Red Slate Co., Granville, N. Y.

12736-7—Roofing Slate (Sea Green)

American Sea Green Slate Co., Granville, N. Y.
Auld & Conger Co., 942 Prospect, Cleveland, O.
Edward Bros., Granville, N. Y.
Griffith Wm. J., Poultney, Vt.
Norton Bros., Granville, N. Y.
O'Brien Bros., Granville, N. Y.
Old English Slate Quarries, 200 Devonshire, Boston, Mass.
Owens' Owen W. Sons, Granville, N. Y.
Poultney Consolidated Slate Co., Poultney, Vt.
Rice & Co., Granville, N. Y.
Rising & Nelson Slate Co., West Pawlet, Vt.
Sheldon F. C. Slate Co., Granville, N. Y.
Williams R. J. Slate Co., Granville, N. Y.

12738—Roofing Slate (Unfading Green)

Eureka Slate Quarries, Fair Haven, Vt.
Fair Haven Marble & Marbleized Slate Co. Fair Haven, Vt.
General Slate Co., 200 Devonshire, Boston, Mass.
Hampshire Slate Co., Fair Haven, Vt.
Lloyd W. H., Fair Haven, Vt.
New York Consolidated Slate Co., Poultney, Vt.
Old English Slate Quarries, 200 Devonshire, Boston, Mass.
Poultney Consolidated Slate Co., Poultney, Vt.
Sheldon F. C. Slate Co., Granville, N. Y.
Vermont Unfading Green Slate Co., Fair Haven, Vt.

12738a—*Roofing Slate (Variegated, Purple & Green)

Am. Coating Mills, Elkhart, Ind.
Old English Slate Quarries, 200 Devonshire, Boston, Mass.

12739—Roofing Tile (Actinolite)

Le Goullon P., 27th & Liberty, Pittsburgh, Pa.
Powell M. W. Co., 140 S Dearborn, Chicago, Ill.

12740—Roofing Tile (Cement)

American Cement Tile Mfg. Co. ("Bonanza" for Factories, Depots, etc), Oliver bldg, Pittsburgh, Pa.
Empire Tile Co., 5120 Sween av, Cleveland, O.
Federal Cement & Tile Co. (For All Types of Factory bldg), 110 S Dearborn, Chicago, Ill.
U. S. Gypsum Co. ("Pyrobar" Deck), 205 W Monroe, Chicago, Ill.

Roofing Tile (Concrete)

See Roofing Tile, Cement

12741—Roofing Tile (Glass)

American Cement Tile Mfg. Co., Oliver bldg., Pittsburgh, Pa.
National Roofing Tile Co., Lima, O.

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12742—Roofing Tile (Metallic)

See also Shingles, Metallic

Berger Mfg. Co., Canton, O.
Chattanooga Roofing & Foundry Co. ("New Century," "Old English"), Chattanooga, Tenn.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Duluth Corrugating & Roofing Co., Duluth, Minn.
Mullins W. H. Co., 341 Franklin, Salem, O.
NATIONAL SHEET METAL ROOFING CO. ("Walter's"), 339 Grand, Jersey City, N. J. *See adv index at end of book*
New Process Roofing & Supply Co., Dallas, Tex.
Ohio Corrugating Co., Warren, O.
Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
Reeves Mfg. Co., Dover, Ohio
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
Valley Cornice & Slate Co., Ltd., Saginaw, Mich.
Wheeling Metal & Mfg. Co., Wheeling, W. Va.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.

12743—Roofing Tile (Metallic, Spanish Shapes)

Berger Mfg. Co., Canton, O.
EDWARDS MFG. CO. ("Edwards"), 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Florida Metal Products Co., Jacksonville, Fla.
MERCHANT & EVANS CO., 2035 Washington av, Phila., Pa.
See adv index at end of book
Meurer Bros. Co., 575 Flushing av, Brooklyn, N. Y.
Miller & Doing, 60 York, Brooklyn, N. Y.
NATIONAL SHEET METAL ROOFING CO., 339 Grand, Jersey City, N. J.
See adv index at end of book
Reeves Mfg. Co., Dover, O.
St. Paul Roofing, Cornice & Ornament Co., West St. Paul, Minn.
Souther E. E. Iron Co., Klenlin & Hamburger, St. Louis, Mo.

12744-5—Roofing Tile (Promenade)

Akron Roofing Tile Co., Brook, Akron, O.
Camp Conduit Co., 306 Marshall bldg, Cleveland, O.
Des Moines Clay Co., Des Moines, Ia.
Kushequa Keramic Co. (Chocolate Red), Kushequa, Pa.
Ludowici-Celadon Co. ("Ludowici-Celadon"), Monroe bldg, Chicago, Ill.
Valley Cornice & Slate Co., Ltd., Saginaw, Mich.
White Scott A., Oliver bldg, Pittsburgh, Pa.

Roofing Tile (Reinforced)

See Roofing Tile, Cement

12746—Roofing Tile (Terra Cotta)

Akron Roofing Tile Co., Brook, Akron, O.
Alfred Clay Co., Alfred Station, N. Y.
Camp Conduit Co. (6x6, 6x9, 9x9 & 12x12), 306 Marshall bldg, Cleveland, O.
Clark N. & Sons, 116 Natoma, San Francisco, Cal.
Des Moines Clay Co., Des Moines, Ia.
Detroit Roofing Tile Co., Detroit, Mich.
Ferris Warren B. Brick Co., Columbus, O.
Gladding, McBean & Co., Crocker bldg., San Francisco, Cal.
Huntington Roofing & Tile Co. (Shingle Tile), Huntington, W. Va.
Ketcham O. W., 24 S. 7th, Phila., Pa.
Los Angeles Pressed Brick Co. (Impervious), Los Angeles, Cal.
Ludowici-Celadon Co. ("Ludowici-Celadon"), Monroe bldg, Chicago, Ill.
Maurer Henry & Son, 420 E 23d, New York
Mound City Roofing Tile Co., 3301 Morganford rd, St. Louis, Mo.
Murray Roofing Tile Co. (Flat Shingles & Tile), Cloverport, Ky.
National Roofing Tile Co. ("Klay" Double Interlocking), Lima, O.
United States Roofing Tile Co., Parkersburg, W. Va.
VALLEY CORNICE & SLATE CO., LTD., Saginaw, Mich.
White Scott A. (Mfrs. Agent), Oliver bldg, Pittsburgh, Pa.

12747—Roofing Tile (Terra Cotta, Glazed)

Akron Roofing Tile Co., Brook, Akron, O.
Des Moines Clay Co., Des Moines, Ia.
Detroit Roofing Tile Co., Detroit, Mich.
Ludowici-Celadon Co., Monroe bldg, Chicago, Ill.
National Roofing Tile Co., Lima, O.

12748—Roofing Tile (Terra Cotta, Graduated)

Akron Roofing Tile Co., Brook, Akron, O.
Detroit Roofing Tile Co., Detroit, Mich.
White Scott A., Oliver bldg, Pittsburgh, Pa.

12749—Roofing Tile (Terra Cotta, Spanish Shapes)

Akron Roofing Tile Co., Brook, Akron, O.
Detroit Roofing Tile Co., Detroit, Mich.
Los Angeles Pressed Brick Co., Los Angeles, Cal.
Ludowici-Celadon Co. ("Ludowici-Celadon"), Monroe bldg, Chicago, Ill.
National Roofing Tile Co., Lima, O.
United States Roofing Tile Co. (Interlocking), Parkersburg, W. Va.
White Scott A., Oliver bldg, Pittsburgh, Pa.

12750—*Roofing Tin in Rolls & Sheets

Canton Art Metal Co., Canton, Ohio
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
MERCHANT & EVANS CO. ("Camaret," "Merchants Old Method," "Liberty Old Style"), 2035 Washington av, Phila., Pa. *See adv index at end of book*

Roofing Tin Mfrs.

See Tin Plate Manufacturers

12751— Roofing (V-Crimp)

Delphos Mfg. Co. ("Veribest"), 1st & Pierce, Delphos, O.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Florida Metal Products Co. (Corrugated), Jacksonville, Fla.
New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La.
Penn Metal Co. ("Penco"), 65 Franklin, Boston, Mass.
Reeves Mfg. Co., Dover, Ohio

12752— Roofing (Vulcanite)

Mahoning Valley Steel Co., Niles, O.
McClellan Paper Co., 700 S 4th, Minneapolis, Minn.

12753—Roofing & Siding (Iron & Steel)

(Star (*) Indicates Rolling Mills)

See also Iron & Steel, Corrugated

*American Rolling Mill Co. ("American Ingot Iron" & Steel), Middletown, O.
*American Sheet & Tin Plate Co., ("Monel"), Frick bldg, Pittsburgh, Pa.
Asbestos Protected Metal Co. ("A. P. M." Asbestos Protected), Beaver Falls, Pa.
*Berger Mfg. Co., Canton, O.
*Brier Hill Steel Co., Youngstown, O.
Burton W. J. Co., Junction & Federal, Detroit, Mich.
Canton Art Metal Co., Canton, O.
Canton Metal Ceiling Co., Canton, O.
*Carter Iron Co., 307 5th av, Pittsburgh, Pa.
Chattanooga Roofing & Foundry Co. (Patent-Leak Proof), Chattanooga, Tenn.
Cincinnati Sheet Metal & Roofing Co. ("P. A. T., "Magnet" Brand), 226 E Front, Cincinnati, O.
Cincinnati Stamping Co., 24 W McMicken av, Cincinnati, O.
Columbia Steel Tank Co. (Corrugated), New England bldg, Kansas City, Mo.
Decatur Cornice & Roofing Co., New Decatur, Ala.
*DE FOREST SHEET & TIN PLATE CO., Niles, O. *See adv index at end of book*
Delphos Mfg. Co., 1st & Pierce, Dolphos, O.
Dickelman Mfg. Co., Forest, O.
Dowman-Dozier Mfg. Co., Atlanta, Ga.
Duluth Corrugating & Roofing Co., Duluth, Minn.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Eller Mfg. Co., Canton, O.
*Follansbee Bros. Co., Pittsburgh, Pa.
Garry Iron & Steel Mfg. Co. of N. Y., 529 W 23d, New York
Gedge Bros. Iron Roofing Co., Anderson, Ind.
Globe Iron Roofing & Corrugaing Co., Newport, Ky.
Hammond Sheet Metal Mfg. Co., 119 Cass av, St. Louis, Mo.
Harry O. K. Steel Works, Dallas, Texas
Hopson W. C. Co., Grand Rapids, Mich.

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The products advertised are those for which there is a *National* demand and are generally the best of their kind.

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The fine appearance of COLUMBIAN Rope and Twine is a good standard by which the quality of these products may be judged.

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Jute Bell Cord
Jute Paper Maker's Twine
Standard or Sisal Binder Twine
Hawser Laid Rope
Hide, Hay and Bale Rope
Italian Flax Twines
Broom Twines
Sail or Sacking Twines
Jute Wrapping Twine
Tarred Marlines
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Yucatan Twine and Clothes Lines
Tarred and Untarred Lath Yarn
Mattress Twines
Jute Wool Twine
Sisal or Jute Clothes Lines

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***INLAND STEEL CO.** (Open Hearth Steel Only), 1st Nat'l B'k bldg, Chicago, Ill.
International Steel & Iron Co., Evansville, Ind.
Jersey City Galvanizing Co., 74 Morgan, New York
Kanneberg Roofing & Ceiling Co., Canton, O.
Klauer Mfg. Co., Dubuque, Ia.
La Crosse Steel Roofing & Corrugating Co., La Crosse, Wis.
Larkin J. K. & Co. (Corrugated Roofing), 34 Reade, New York
See adv index at end of book
Lyon, Conklin & Co. ('Lyon"), 19 Balderston, Baltimore, Md.
Martin Metal Mfg. Co., Wichita, Kans.
MERCHANT & EVANS CO., 2035 Washington av, Phila., Pa.
See adv index at end of book
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Messenger & Parks Mfg. Co., Aurora, Ill.
Milliken Bros., Staten Island, N. Y.
Milwaukee Corrugating Co., Milwaukee, Wis.
Moeschl-Edwards Corrugating Co., Covington, Ky.
Nelson A. J. Mfg. Co., New Orleans, La.
New England Steel Roofing Co., Worcester, Mass.
New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La.
*Newport Rolling Mill Co. (Genuine Open Hearth, Rust Resisting Iron, Black & Galvanized), Newport, Ky.
N. Y. Iron Rfg. & Corr. Co., 1st, Jersey City, N. J.
N. Y. Metal Ceiling Co., 537 W 24th, New York
Niles Iron & Steel Roofing Co., Niles, O.
Norman W. F. Sheet Metal Mfg. Co., Nevada, Mo.
Ohio Corrugating Co., Warren, O.
Ohio Galv. & Mfg. Co. (Steel Only), Niles, O
*Parkersburg Iron & Steel Co., Parkersburg, W. Va.
Penn Metal Ceiling & Roofing Co. (Ltd.), 23d & Hamilton, Phila., Pa.
Penn Metal Co. ("Penco"), 65 Franklin, Boston, Mass.
Pittston Iron Roofing Co., Pittston, Pa.
Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
Reeves Mfg. Co., Dover, O.
Republic Structural Iron Works Co. (Corrugated), 1350 E 53d, Cleveland, O.
St. Paul Roofing, Cornice & Ornament Co., Wabash & Water, St. Paul, Minn.
Scott Roofing & Mfg. Co., Cincinnati, O.
*Seneca Iron & Steel Co. (Steel Only), Buffalo, N. Y.
Sharon Steel Hoop Co. ("Mahoning"), Sharon, Pa.
Souther E. E. Iron Co., Kienlin & Hamburger, St. Louis, Mo.
*Stark Rolling Mill Co., Canton, O.
Steel Roofing & Stamping Wks., Des Moines, Ia.
Sykes Co., 930 W 19th pl, Chicago, Ill.
Sykes Metal Lath & Roofing Co., Niles, O.
Tiffin Art Metal Co., 20 Broad, Tiffin, O.
*Trumbull Steel Co., Warren, O.
Watson J. H. Co. (Steel), Bradley, Ill.
Wheeling Metal & Mfg. Co., Wheeling, W. Va.
Whitaker Glessner Co., Wheeling, W. Va.
Worthington Geo. Co., 802-832 St. Clair N W, Cleveland, O.
*Youngstown Sheet & Tube Co. (Puddled Iron Sheets a Specialty), Youngstown, Ohio
Youngstown Pressed Steel Co., Youngstown, Ohio

12753a— *Rope (Bolt)

Fischer & Hayes Rope Co., 602 W Lake, Chicago, Ill. *See adv index at end of book*

12754—*Rope (Canal & Tow Lines)

See also Rope, Manila & Sisal

COLUMBIAN ROPE CO. (Manila), 3050 Genesee, Auburn, N. Y.
See adv index at end of book

Rope (Cast Steel Switching)

See Rope, Steel Switching & Wrecking

12755— Rope (Cotton)

See also Cordage & Twine Manufacturers

Anniston Cordage Co. ("Anniston," "Alabama," "Calhoun," "Oriole W. P.," "Eclipse," "Chicago," "Gilt Edge," "Acme," "Advance," "Albemarle," "Standard" & "Columbia"), Anniston, Ala.
Armon Mfg. Co., Mount Holly, N. C.
Burdett Mfg. Co., Kansas City, Mo.
California Cotton Mills Co., Oakland, Cal.
Cleveland Mill & Power Co. (Clothes Line, etc), Lawndale, N. C.
Cohankus Mfg. Co., Paducah, Ky.
Eagle & Phenix Mills, Columbus, Ga.
Ederer R. J. Co., 341 W Ohio, Chicago, Ill.
Elder Jas., 230 W Coulter, Gtn., Phila., Pa.
Estes Mills (Sash Cord & Clothes Line), Fall River, Mass.
Franklin Cotton Mill Co., Plum & Charles, Cincinnati, O.
Fricke J. E. Co., 247 Market, Phila., Pa.
Goss Bros., Fall River, Mass.
Hodson John M., Boone & Markle, Phila., Pa.
Holden James (Transmission), Fall River, Mass.
Hooper Sons Mfg. Co., Juniper & Cherry, Phila., Pa.
Hooper Wm. E. & Sons Co., Maryland Life bldg, Baltimore, Md.
Hutcheson Mfg. Co., Banning, Ga.
Lambeth Rope Corp. (Transmission, etc), New Bedford, Mass.
Lees Mfg. Co., Westport, Conn.
Little River Mfg. Co., Willardville, N. C.
Mt. Vernon-Woodberry Mills, Cont. bldg, Baltimore, Md.
Orange Cotton Mills, Orangeburg, S. C.
Pioneer Cotton Mills, Guthrie, Okla.
Princeton Mfg. Co., Athens, Ga.
Puritan Cordage Mills, Louisville, Ky.
St. Louis Cordage Mills, 1715 S 11th, St. Louis, Mo.
Samson Cordage Works ("Shirley"), 88 Broad, Boston, Mass.
Small Bros., Fall River, Mass.
Southern Mills Corp., Oxford, Ala.
Tallassee Falls Mfg. Co., Tallassee, Ala.
Tate E. H. Mop & Cordage Co. ("Best Quality"), 15 Chardon, Boston, Mass.
Tate Mfg. Co., 48 Hanover, Boston, Mass.
Tombigee Cotton Mills, Columbus, Miss.
Toohey M. J. & Co., Fall River, Mass.
Travers Twine & Cordage Co., 81 Warren, New York

12756— Rope (Fibre Clad)

Waterbury Company, 63 Park Row, New York

Rope (Haulage & Transmission)

See Wire Rope & Cables; also Rope, Manila & Sisal

12757— Rope (Hay)

American Mfg. Co., West, Brooklyn, N. Y.
COLUMBIAN ROPE CO., 3050 Genesee, Auburn, N. Y. *See adv index at end of book*
Hooven & Allison Co., Xenia, O.
Kelly R. A. Co., Xenia, O.
Paxson J. W. Co., 1021 No Delaware av, Phila., Pa.
Peoria Cordage Co., Peoria, Ill.
Rinek Cordage Co., Easton, Pa.
Rugg E. T. & Co., Newark, O.
St. Louis Cordage Mills ("American"), 1715 S 11th, St. Louis, Mo.
Wall Rope Works 48 South, New York
Whitlock Cordage Co., 46 South, New York

12758— Rope (Hemp)

American Mfg. Co., West, Brooklyn, N Y.
Bailey John T. Co., Water & Morris, Phila., Pa.
Broderick & Bascom Rope Co. (Jobbers), Main & Douglas, St. Louis, Mo.
Chelsea Fibre Mills, 212 5th av, New York
COLUMBIAN ROPE CO., 3050 Genesee, Auburn, N. Y.
See adv index at end of book
Fitler Edwin H. Co., 517 Arch, Phila., Pa.
Hooven & Allison Co., Xenia, O.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
Macomber & Whythe Rope Co., Racine av, Kenosha, Wis.
Plymouth Cordage Co., N Plymouth, Mass.
Rauschenberger John Co., 87 W Water, Milwaukee, Wis.
St. Louis Cordage Mills, 1715 S 11th, St. Louis, Mo.
Whitlock Cordage Co., 46 South, New York

12758a— *Rope (Iron)

Fischer & Hayes Rope Co., 602 W Lake, Chicago, Ill. *See adv index at end of book*

12759— Rope (Jute)

American Mfg. Co., West, Brooklyn, N. Y.
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Chelsea Fibre Mills, 212 5th av, New York
COLUMBIAN ROPE CO., 3050 Genesee, Auburn, N. Y.
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Dolphin Jute Mills, Paterson, N. J.
Hodson John M., Boone & Markle, Phila., Pa.
Hooven & Allison Co., Xenia, O.
Jackson Thos. & Son Co., Reading, Pa.
Peter & Guckenberger, 1205 Budd, Cincinnati, O.
Radcliffe & Shaw Co., Glen Rock, Pa.
Rauschenberger John Co., 87 W Water, Milwaukee, Wis.
Schlichter Jute Cordage Co., 20 N Front, Phila., Pa.
Tubbs Cordage Co., Kohl bldg, San Francisco, Cal.

12760— Rope (Lead)

Chadwick-Boston Lead Co., 162 Congress, Boston, Mass.
United Lead Co. ("Ulco"), 111 B'way, New York

12761—Rope (Locked Coil & Locked Wire)

Broderick & Bascom Rope Co., Main & Douglas, St. Louis, Mo.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.

Rope (Manila Switch)

See Rope, Manila Transmission

12762—Rope (Manila Transmission)

American Mfg. Co. ("American"), West, Brooklyn, N. Y.
Broderick & Bascom Rope Co. (Jobbers), Main & Douglas, St. Louis, Mo.
Colonial Supply Co. (Jobbers), 441 1st av, Pittsburgh, Pa.
COLUMBIAN ROPE CO., 3050 Genesee, Auburn, N. Y. *See adv index at end of book*
Fitler Edwin H. Co., 517 Arch, Phila., Pa.
Hooven & Allison Co., Xenia, O.
HUNT C. W. CO., West New Brighton N. Y. *See adv index at end of book*
Kelly R. A. Co., Xenia, O.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Macomber & Whyte Rope Co., Racine av, Kenosha, Wis.
Plymouth Cordage Co., North Plymouth, Mass.
Portland Cordage Co., 14th & Northrup, Portland, Ore.
Rinek Cordage Co., Easton, Pa.
Rugg E. T. & Co., Newark, O.
St. Louis Cordage Mills ("American"), 1715 S 11th, St. Louis, Mo.
Tubbs Cordage Co., Kohl bldg, San Francisco, Cal.
Wall Rope Works, 48 South, New York
Waterbury Co., 63 Park Row, New York
Whitlock Cordage Co., 46 South, New York

12763—Rope (Manila & Sisal)

American Mfg. Co., West, Brooklyn, N. Y.
Broderick & Bascom Rope Co. (Jobbers), Main & Douglas, St. Louis, Mo.
Cating Rope Works, Maspeth, N. Y.
COLONIAL SUPPLY CO. (Manila), 217 Water, Pittsburgh, Pa.
See adv index at end of book
COLUMBIAN ROPE CO. (Transmission, Hoisting, Bale, Hay & Hide Rope; also Jute & Hemp Rope, etc), 3050 Genesee, Auburn, N. Y.
See adv index at end of book

ROPE (MANILA & SISAL)—continued

De Grauw Aymar & Co., 34 South, New York
Fischer & Hayes Rope Co., 602 W Lake, Chicago, Ill. *See adv index at end of book*
Fitler Edwin H. Co., 517 Arch, Phila., Pa.
Hooven & Allison Co., Xenia, O.
Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
Indianapolis Cordage Co., Indianapolis, Ind.
Jackson Thos & Son Co. (Also Jute), Reading, Pa.
Kelly R. A. Co., Xenia, O.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
Macomber & Whyte Rope Co., Racine av, Kenosha, Wis.
NEW BEDFORD CORDAGE CO., 120 B'way, New York; Mills: New Bedford, Mass.
Peoria Cordage Co., Peoria, Ill.
Peter & Guckenberger, 1205 Budd, Cincinnati, O.
Plymouth Cordage Co., N Plymouth, Mass.
Portland Cordage Co. ("P"), 14th & Northrup, Portland, Ore.
Rinek Cordage Co. ("Rinek," Standard), Easton, Pa.
Rugg E. T. & Co., Newark, O.
St. Louis Cordage Mills ("American" Manila, "Royal" Sisal), 1715 S 4th, St. Louis, Mo.
Tate Mfg. Co., 48 Hanover, Boston, Mass.
Travers Twine & Cordage Co., 81 Warren, New York
Tubbs Cordage Co., Kohl bldg, San Francisco, Cal.
Upson-Walton Co. of N. Y., The ("Marine"), 291 B'way, New York *See adv index at end of book*
Wall Rope Works, 48 South, New York
Walsh's Sons & Co. (Second Hand, etc), Newark, N. J.
Waterbury Co., 63 Park Row, New York
Whitlock Cordage Co., 46 South, New York

12764—*Rope (Plow, Steel)

American Steel & Wire Co. (Hoisting), 208 S La Salle, Chicago, Ill. *See adv index at end of book*
Fischer & Hayes Rope Co. ("Atlas Improved"), 602 W Lake, Chicago, Ill. *See adv index at end of book*
ROEBLING'S JOHN A. SONS CO. ("Blue Center"), Trenton, N. J. *See adv index at end of book*

12765— Rope (Rawhide)

Chicago Rawhide Mfg. Co., 1301 Elston av, Chicago, Ill.
National Leather Mfg. Co., Niles, Mich.
Western Rawhide & Belting Co., 600 So Pierce, Milwaukee, Wis.

12766—Rope Rigging (Yacht)

See also Rope, Manila & Sisal
For Wire Rigging Rope, See Wire Rope & Cables
American Mfg. Co., Noble & West, Brooklyn, N. Y.
COLUMBIAN ROPE CO., 3050 Genesee, Auburn, N. Y. *See adv index at end of book*
Macomber & Whyte Rope Co., Racine av, Kenosha, Wis.

Rope (Steel Mast Arm or Arc Light)

See Wire Rope & Cables

Rope (Steel Switching & Wrecking)

See Wire Rope & Cable

Rope (Tarred)

See Yarn, Tarred

12767— *Rope (Tiller)

Fischer & Hayes Rope Co., 602 W Lake, Chicago, Ill. *See adv index at end of book*

12767a—*Rope (Transmission)

Fischer & Hayes Rope Co., 602 W Lake, Chicago, Ill. *See adv index at end of book*

12767b— Rope (Wire)

See also Wire Rope & Cable Manufacturers
Larkin J. K. & Co., 34 Reade, New York *See adv index at end of book*

12768—Ropes (Automobile Towing)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill. *See adv index at end of book*
Asch & Co. ("Motorope"), 16 W 61st, New York
Broderick & Bascom Rope Co. ("Baseline"), Main & Douglas, St. Louis, Mo.
Carpenter Geo. B. & Co., 440 N Wells, Chicago, Ill.
Channon H. Co., 150 N Market, Chicago, Ill.
Hogarty Edward, Unionville, Conn.
Leschen A. & Sons Rope Co. ("Hercules"), 920 N First St. Louis, Mo.
Papyrus Artificial Paper Mfg. Co., Kenilworth, N. J.
Samson Cordage Co., 88 Broad, Boston, Mass.

12768a— *Ropes (Switch)

Fischer & Hayes Rope Co., 602 W Lake, Chicago, Ill. *See adv index at end of book*

12768b— *Ropes (Wrecking)

Fischer & Hayes Rope Co., 602 W Lake, Chicago, Ill. *See adv index at end of book*

12769— Rosettes (Chair)

Berbecker & Rowland Mfg. Co. (Stamped Brass), Waterville, Conn.

12770— Rosettes (Electric)

Adapts Mfg. Co., Cleveland, O.
American Conduit Mfg. Co., New Kensington, Pa.
Arrow Electric Co. ("Midget" & "K W" Fuse & Fuseless "Arrow" Pole Switch) Hartford, Conn.
Bonnell W. A. Co., 132 Church, New York
Bryant Electric Co. ("Bryant" Switch Rosettes & "K-W"), Brigeport, Conn.
Connecticut Electric Mfg. Co., Bridgeport, Conn.
Crouse Hinds Co. ("Norbitt" Porcelain), Syracuse, N. Y.
Freeman E. H. Electric Co. (Porcelain), Trenton, N. J.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hart & Hedgeman Mfg. Co., 342 Capitol av, Hartford, Conn.
Heinemann Geo., 500 W Girard av, Phila., Pa.
Hubbell Harvey Co., Bridgeport, Conn.
Manhattan Elec'l Supply Co. (For the Ceiling), 17 Park pl, New York *See adv index at end of book*
Paiste H. T. Co., 3201 Arch, Phila., Pa.
Pass & Seymour ("P. & S." & "Littlegem"), Solvay, N. Y.
Paulding John D., Box 467, New Bedford, Mass.
Perkins Electric Switch Mfg. Co., Bridgeport, Conn.
Sears Henry D. ("Weber"), 80 Boylston, Boston, Mass.
Trumball Elec. Mfg. Co., Woodford av, Plainville, Conn.
Union Elec. Co., Trenton, N. J.
Weber Elec. Co. (Henry D. Sears, General Sales Agent), 80 Boylston, Boston, Mass.

12771— Rosettes (Harness)

Duranoid Mfg. Co., 213 Chestnut, Newark, N. J.
Frazer & Jones Co., Syracuse, N. Y.
North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.
Rubber & Celluloid Har. T. Co., 56 Ferry, Newark, N. J.

12772—*Rosettes (Turned Wood)

ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*

12773—Rosettes & Pickets (Iron)

Braun J. G., 609 S Paulina, Chicago, Ill.
Keystone Drop Forge Works (Drop Forged), Chester, Pa.
Kline Hardware Co., Allentown, Pa.
Milwaukee Hay Tool Co. (Malleable Iron Pickets), Layton Park, Milwaukee, Wis.
Pratt Wm. E. Mfg. Co. (Malleable Iron), 35 W Lake, Chicago, Ill.

12774— Rosin Mfrs.

Adams F. C. Co. (Mfrs.' Agt.), 234 S La Salle, Chicago, Ill.
Antwerp Naval Stores Co., Savannah, Ga.
Barclay Naval Stores Co. (Jobbers), 44 Whitehall, New York
Breslauer, A. (Mfrs. Agent), American National Bank bldg, San Francisco, Cal.
Bush Chas. S. Co. (Powdered), 260 Weybosset, Providence, R. I.
Central Commercial Co. (Jobbers), 111 N Market, Chicago, Ill.
Chrystal Chas. B. (Jobbers), 13 Cliff, New York *See adv index at end of book*
Columbia Naval Stores Co., Savannah, Ga.
Doggett Stanley (Dealers), 11 Cliff, New York
Forest Products Co. ("Pinesote"), 1312 Whitney, New Orleans, La.
GENERAL NAVAL STORES COMPANY (INC.) ("Newport"), 90 West, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Larendon M. W. & Co. (Jobbers), 82 Wall, New York
London-Savannah Naval Stores Co., Savannah, Ga.
Martin Wm. A. & Co., Wilmington, N. C.
National Rosin Oil & Size Co., 90 West, New York
Naval Stores Equipment Co. (Jobbers), Canal Bank bldg, New Orleans, La.
Newport Turpentine & Rosin Co., Milwaukee, Wis.
New York Rosin Oil & Varnish Co. (Rosin Oil & Products), 90 West, New York
Peninsular Naval Stores Co., Jacksonville, Fla.
Producers' Turpentine Co., Elizabeth, La.
Rosin & Turpentine Export Co. (dealers), 26 Cortlandt, New York
Scheel Wm. H. (Jobbers), 159 Maiden la, New York
Sealy Thos. (Jobbers), 138 Front, New York
Stevens Frederick B. (Powdered, etc.), 3d & Larned, Detroit, Mich.
Taylor, Lowenstein & Co., Mobile, Ala.
Turton C. B. Co. (Jobbers), 16 Exchange pl, New York
Webb A L & Sons, 115 E Lombard, Baltimore, Md.
Winkler Isaac & Bro. (Jobbers), First Natl. Bank bldg, Cincinnati, O.

12775—Rotary Rapper for Bench Moulders

Fulton Foundry & Machine Co., 21 Furman, Brooklyn, N. Y.

12775a— Rotten-Stone

See also Pumice Stone Importers
Chrystal Chas. B., 13 Cliff, New York *See adv index at end of book*
Keystone Minerals Co., 41 Union sq, New York *See adv index at end of book*

ROTTEN STONE

The only mine in America. Product at least equal to any imported. Carefully selected and air floated. One grade for general factory work; another for uses where the finest, smoothest, softest, highest grade filler is required.

Working samples on request

KEYSTONE MINERALS COMPANY
41 Union Square, New York

12776— Rouge (Powdered)

See also Compositions, Buffing
CHRYSTAL CHAS. B. (Imp), 13 Cliff, New York. *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Mirror Range Co. (Glass Polishing), New Kensington, Pa.

Smith J. Lee & Co. (Imp), 19 Jacob, New York

12776a—*Roughs (Last & Tenpin)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

12777— Roundels

Corning Glass Works (Semaphore Classification Lamps & Other Signals), Corning, N. Y.

12777a— *Rounds (Chair)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

12778— Rounds (Ladder)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Stephenson Mfg. Co., South Bend, Ind.

12779— Row-Locks

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Durkee Chas. D. & Co., 2 South, New York
Greene, Tweed & Co., 109 Duane, New York
Loughlin Thos. Co., Portland, Me.
Malleable Iron Fittings Co. ("Davis" Pattern, "Hammer" Self-Locking, etc; "M. I. F. Co."), Branford, Conn.
Marine Hdw.-Equipment Co., So. Portland, Me.
Morss A. S. Co., 132 Federal, Boston, Mass.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Tiebout W. & J., 118 **Chambers, New York**
Wilcox, Crittenden & Co. ("Adirondack," "Blackburn," "Columbian," "Southwick," "Milwaukee," "Moline," "Detroit," "Vancouver," "Victoria," "Boston Pattern" "Davis," "Acme," etc), Middletown, Conn.

12780—Rubber Bumpers & Cushions

Acme Rubber Mfg. Co., Trenton, N. J.
Boston Belting Corp., 84 Lincoln Park, Boston, Mass.
Cincinnati Rubber Mfg. Co. (Springs), Cincinnati, O.
Closet Seat Bumper Co., Cincinnati, O.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Continental Rubber Works, Erie, Pa.
Elastic Tip Co., 370 Atlantic av, Boston, Mass.
Elkhart Rubber Works, Elkhart, Ind.
Empire Tire & Rubber Corp., East Trenton, N. J.
Essex Rubber Co., Trenton, N. J.
Federal Rubber Co., The, Cudahy, Wis.
Goodrich B F. Co., Akron, O
Goodyear Tire & Rubber Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Hewitt Rubber Co., Buffalo, N. Y.
Home Rubber Co., Trenton, N. J.
Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.
Long Adam A. ("Q. D." Closet Seat), Rochester, N. Y.
Mechanical Rubber Co., Cleveland, O.
National India Rubber Co., Bristol, R. I.
New York Belting & Packing Co., 91 Chambers, New York
Norwalk Mfg. Co. (Bumpers), E Norwalk, Conn.
Pennsylvania Rubber Co., Jeannette, Pa.
Quaker City Rubber Co., 629 Market, Phila., Pa.
Schacht Rubber Mfg. Co., Huntington, Ind.
Standard Woven Fabric Co., Walpole, Mass.
Thermoid Rubber Co., Trenton, N. J.
Woven Steel Hose & Rubber Co., Trenton, N. J.

12781— Rubber (Crude)

Aldens' Successors (Ltd.) (Imp), 290 B'way, New York
American Trading Co., 25 Broad, New York
Arnold & Zeiss, 347 Madison av, New York
Astlett H. A. & Co. (Imp), 66 Beaver, New York
Blitz L., 4 Stone, New York
Brandon Isaac & Bros., 17 Battery pl, New York
Brown W. G. & Co., Union Central bldg, Cincinnati, O.
Calvet, Pablo & Co., 99 Water, New York
Dumarest Bros., 66 Front, New York
Earle Bros., 66 Broad, New York
Eastmond & Co. (Imp), 82 Beaver, New York
Eggers & Heinlein, 59 Pearl, New York
General Export & Commission Co., 8 Bridge, New York
General Rubber Co., B'way & 58th, New York
Gillespie Bros. & Co., 11 B'way, New York
Gonzalez Andres (Imp), 82 Pine, New York
Gough W. L. Co., 16 Exchange pl, New York
Grace W. R. & Co., 7 Hanover Square, New York
Hagemeyer & Brunn, 82 Beaver, New York
Hagemeyer Trading Co., 17 Battery pl, New York
Harburger & Stack, 27 Ferry, New York
Hartman Bros., Inc. (Imp.), 641 Atlantic av, Boston, Mass.
Held A., 11 William, New York
Henderson F. R. & Co., 82 Beaver, New York
Hirsch Adolph & Co. (Imp), 63 Park Row, New York
Johnson Lawrence & Co., 209 So. 3rd, Phila., Pa.
Johnstone J. T. & Co. (Imp.), 22 William, New York
Littejohn L. & Co. (Imp), 138 Front, New York
Marquardt H. & Co., 35 S William, New York
Maurer Ed. Co., 80 Maiden la, New York
Mecke & Co., 44 Whitehall, New York
Mexican Crude Rubber Co., 168 Penobscot, Detroit, Mich.
Meyer & Brown, 347 Madison av, New York
Mitsui & Co. (Imp), 65 B'way, New York
Pell Geo. E. (Broker), 68 Broad, New York
Piza Nephews & Co. (Imp. & Exp.), 18 B'way, New York
Raw Products Co., 80 Wall, New York
Robinson & Co., 25 Beaver, New York
Rossbach J. H. & Bros. (Imp.), 55 Frankfort, New York
Rotholz A. N., 123 Liberty, New York
Rubber Trading Co., 9 Murray, New York
Russell W. R. & Co., 138 Front, New York
Steiger E. & Co., 49 Murray, New York
Stiles Wm. H., 79 Wall, New York
Tallman Albert V. W. (Broker), 54 Stone, New York
United Malaysian Rubber Co., 2 Rector, New York
Wilson Chas. T. Co., 56 Wall, New York

12781a— Rubber (Dental)

Ash Claudius Sons & Co., 1 Union sq, New York
Doherty Eugene (Est. of), 110 Kent av, Brooklyn, N. Y.
Kleinert I. B. Rubber Co., 725 B'way, New York
McCormick E. J. Rubber Co., Lodi, N. J.
Traun Rubber Co., 239 4th av, New York
White S. S. Dental Mfg. Co., 12th & Chestnut, Phila., Pa.

12782— Rubber Flux

Standard Woven Fabric Co., Walpole, Mass.

12783— Rubber Goods

CALIFORNIA.

EMERYVILLE—American Rubber Mfg. Co.
SAN FRANCISCO—American Rubber Mfg. Co. (Mechanical), Sheldon bldg
Bowers Rubber Works (Mechanical), 68 Sacramento
Goodyear Rubber Co. (Mechanical, Molded Oil Clothing, etc), 589 Market

CONNECTICUT.

BEACON FALLS—Beacon Falls Rubber Shoe Co. (Footwear)
BRIDGEPORT—Canfield H. O. Co. (Molded)
Electric Cable Co. (See New York City)
Siemon Hard Rubber Corp. (Insulating Specialties)
HARTFORD—Hartford Rubber Works Co. (Tires)
MIDDLETOWN—Goodyear Rubber Co. (See New York City)
Omo Mfg. Co. (Dress Shields)
NAUGATUCK—Goodyear's India Rubber Glove Mfg. Co.
Goodyear's Metallic Rubber Shoe Co. (Footwear), Controlled by United States Rubber Co. (See New York City)
NEW HAVEN—Baumann Rubber Co. (Toys, Balls, Druggists' Sundries, etc.)
Candee L. & Co. (Footwear)
Seamless Rubber Co. (Druggists' Sundries)
SANDY HOOK—Fabric Fire Hose Co. (See New York City)
SEYMOUR—Day H. P. & E. (Hard Rubber Specialties)
Kerite Insulated Wire & Cable Co. (See New York City)
STAMFORD—Atlantic Insulated Wire & Cable Co. (Insulated Wires)
WALLINGFORD—New York Insulated Wire Co. (See New York City)

DELAWARE.

WILMINGTON—du Pont Fabrikoid Co. (Carriage Cloth, Imitation Leather)
ELECTRIC HOSE & RUBBER CO. (Rubber Hose), 12th & Dure
See adv index at end of book

ILLINOIS.

CHICAGO—Chicago Insulated Wire & Mfg. Co., 53 W Jackson blvd
Featheredge Rubber Co., 414 W Grand av
Nassau Sponge Co., 234 W Lake
Vail Rubber Co. (Mechanical Goods), 144 W 27th
SYCAMORE—Chicago Insulated Wire & Mfg. Co. Insulated Wires & Cables)

INDIANA.

ANDERSON—Anderson Rubber Works
ELKHART—Elkhart Rubber Works (Mechanical & Molded)
GOSHEN—Western Rubber Co. (Mechanical & Molded Goods, etc)
INDIANAPOLIS—G. & J. Tire Co. (Tires)
JONESBORO—Indiana Rubbebr & Insulated Wire Co., P. O. Box 192 (Insulated Wires & Cables, Tires & Mechanical Goods)
KOKOMO—Kokomo Rubber Co. (Tires)
MARION—Marion Insulated Wire & Rubber Mfrs. (Insulated Wires & Cables)
MISHAWAKA—Mishawaka Woolen Mfg. Co. (Boots & Shoes)

MARYLAND.

BALTIMORE—**DOMINION ASBESTOS & RUBBER CORP,** 418 E Pratt
See adv index at end of book

MASSACHUSETTS.

ACUSHNET—Acushnet Process Co.
ANDOVER—Tyer Rubber Co. (Druggists' & Stationers' Sundries, Sporting & Molded Goods)
BOSTON—American Circular Loom Co. (Interior Conduits), 16 Medford
American Rubber Co. (Footwear & Clothing), 130 Essex (Controlled by U. S. Rubber Co.), 130 Essex
American Steam Packing Co. (Steam Packing), 191 High
Atlantic Rubber Co., Linden
Boston Belting Corp. (Mechanical, etc.), 84 Linden Park
Boston Rubber Shoe Co. (Footwear), 101 Milk (Controlled by U. S. Rubber Co.)
Clifton Mfg. Co. (Insulating Compounds, Tapes, Insulating Conduits & Clothing, etc), 65 Brookside av, Jamaica Plain
Columbia Rubber Co. (Waterproof Clothing), 301 Congress
Davidson Rubber Co. (Druggists' Sundries & Hard Rubber Goods)
Foster Rubber Co. (Heels & Soles, Horse Shoe Pads, Crutch Tips, Tires, etc), 105 Federal. Factory: Walpole, Mass.

MASSACHUSETTS—BOSTON—continued
Franklin Rubber Co. (Clothing), 134 Federal
Hale Alfred Rubber Co. (Diving Apparatus & Molded Work), 17 Covington, S. Boston
Hauthaway C. L. & Sons (Cements), 346 Congress
Hood Rubber Co. (Footwear), 10 High (See Watertown)
New England Blacking Co. (Cements), 24 Binford
New England Rubber Shoe Co. (Controlled by Hood Rubber Co.), 284 Summer
Revere Rubber Co. (Mechanical Goods & Tires, etc.), 60 High
Simplex Wire & Cable Co. (Insulated Wire & Cable)
United States Rubber Co. (Holding Company for American Rubber Co., and Other Companies), 130 Essex
BROCKTON—Hazen-Brown Co. (Cements)
Stowe & Woodward Co. (Proofing of Cloth & Mechanical Goods)
CAMBRIDGE—American Rubber Co. (See Boston)
Boston Woven Hose & Rubber Co. (Mechanical Goods)
Simplex Wire & Cable Co. (See Boston)
CANTON JUNCTION—C-C-C Fire Hose & Rubber Co. (Rubber-Lined Cotton Fire Hose)
CHELSEA—Revere Rubber Co. (See Boston)
CHICOPEE—Spalding A. G. & Bros. Mfg. Co. (Golf Balls & Sporting Goods)
CHICOPEE FALLS—Fisk Rubber Co. (Tires)
EASTHAMPTON — Easthampton Rubber Thread Co. (Rubber Thread & Bands)
HUDSON—Apsley Rubber Co. (Clothing & Footwear)
HYDE PARK—Bay State Insulated Wire & Cable Co. (Insulated Wire & Cables)
LOWELL—Lowell Insulated Wire Co. (Rubber-Covered Wires & Lamp Cords)
MALDEN—Boston Rubber Shoe Co. (See Boston)
Converse Rubber Shoe Co. (Footwear)
Franklin Rubber Co. (See Boston)
MELROSE—Boston Rubber Shoe Co. (See Boston)
MILFORD—Archer Rubber Co. (Proofing for the Trade)
MILLVILLE—Woonsocket Rubber Co. (See Woonsocket, R. I.)
NORTH BROOKFIELD—Quabaug Rubber Co. (Molded Goods)
READING—McTernan Rubber Mfg. Co. (Druggists' Sundries & Molded Work)
Metropolitan Air Goods Co.
Reading Rubber Mfg. Co. (See Boston)
SALEM—Salem Rubber Co. (Cements),
STOUGHTON — Stoughton Rubber Co. (Clothing & Molded Goods) (Controlled by Rubber Goods Mfg. Co.)
WALPOLE—Standard Woven Fabric Co. (Rubber Insulating Tapes, Mechanical Goods, Cements, Molded Work, etc)
WATERTOWN—Hood Rubber Co. (Footwear)
WEST MEDFORD—Mystic Rubber Co. (Dress Shields, Sheetings, etc)
WORCESTER—AMERICAN STEEL & WIRE CO. (Insulated Wires)
See adv index at end of book

MICHIGAN.

DETROIT—Morgan & Wright (Tires)

MISSOURI.

ST. LOUIS—Banner Rubber Co. (Footwear), Kenrick & Bittner
St. Louis Rubber Cement Co. (Cements), 3046 Lambdin av

NEW JERSEY.

BAYONNE—Safety Insulated Wire & Cable Co. (See New York City)
BLOOMFIELD—Combination Rubber Mfg. Co. (Mechanical)
BUTLER—American Hard Rubber Co. (See New York City)
Bloomingdale Rubber Co.
EAST ORANGE—Seabury & Johnson (See New York City)
EAST TRENTON—Empire Tire & Rubber Corp. (Mechanical & Auto Tires)
ELIZABETH—Jenkins Rubber Co.
GARFIELD—Laurel Co. (Stationers' Sundries)
HAWTHORNE—La Favorite Rubber Mfg. Co.
HOBOKEN—American Lead Pencil Co. (See New York City)
IRVINGTON—Ash Claudius Sons & Co. (Ltd.) (See New York City)
JERSEY CITY—Eureka Fire Hose Mfg. Co., Wilkinson av (See New York City)
New Jersey Car Spring & Rubber Co. (Mechanical, etc), 91 Brunswick
Voorhees Rubber Mfg. Co. (Mechanical), 18 Bostwick av
LAMBERTVILLE—Lambertville Rubber Co. (Boots & Shoes)
LODI—Mattson Rubber Co. (Tire Repair Stock, Moulded & Special)
McCormick E. J. Rubber Co. (Dental)
MILLTOWN—Michelin Tire Co. (Tires)
NEWARK—Faber A. W. Rubber Works, 41 Dickerson. (See New York City)
Faber Eberhard Rubber Co. (See New York City)
NEW BRUNSWICK—Endurance Tire & Rubber Co.
Howe Rubber Co. (Inner Tubes)
India Rubber Co. (Hard)
NEW DURHAM—Peerless Rubber Mfg. Co. (Controlled by Rubber Goods Co., New York City)
PASSAIC—Manhattan Rubber Mfg. Co. (Mechanical)
OKONITE CO. (See New York City).
See adv index at end of book
TRENTON—Acme Rubber Mfg. Co. (Mechanical)
Ajax Rubber Co.
Crescent Insulated Wire & Cable Co. (Insulated Wire)
Essex Rubber Co. (Specialties for the Shoe Trade)
Hamilton Rubber Mfg. Co. (Mechanical)
Home Rubber Co. (Mechanical)
Luzerne Rubber Co. (Hard Rubber)
Thermoid Rubber Co. (Mechanical, Auto, Tires, etc.)
United & Globe Rubber Mfg. Co. (Mechanical)
Whitehead Bros. Rubber Co. (Mechanical & Moulded)
Woven Steel Hose & Rubber Co. (Mechanical)

NEW YORK.

BATAVIA—Batavia Rubber Co. (Tires & Moulded Goods)
BEACON—New York Rubber Co. (See New York City)
BUFFALO—Buffalo Weaving & Belting Co. (Rubber Belting & Webbings)
Hewitt Rubber Co. (Mechanical Goods & Hose Specialties)
LOCKPORT—Empire Mfg. Co. (Rubber-Lined Cotton Hose & Belting)
MT. VERNON—Hodgman Rubber Co. (See New York City)

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Brooklyn Shield & Rubber Co., 397 Summer av (See Brooklyn Rubber Co.)
Doherty Eugene (Est. of) (Dental & Stamp Rubber), 110 Kent av
Faber Eberhard Rubber Co. (Erasers & Stationers' Rubber Goods), 37 Greenpoint
Gutta Percha & Rubber Mfg. Co., 53 Franklin av
Parker Stearns & Co. (Molded Rubber Goods), 286 Sheffield av

Boroughs of Manhattan and Bronx.

NEW YORK—Ajax Rubber Co. (Tires, Soles & Heels), 1796 B'way. Factory, Trenton, N. J.
American Hard Rubber Co. (Hard Rubber Goods), 9 Mercer. Factories, College Point, Borough of Queens, New York; Butler, N. J.; Akron, O.
American Lead Pencil Co. (Rubber Erasers & Bands), 220 5th av. Factory, Hoboken, N. J.
American Wringer Co. (Rubber Rolls), 99 Chambers. Factory: Auburn, N. Y.
Ash Claudius Sons & Co. (Dental Rubber), 1 Union sq. Factory: Irvington, N. J.
Consolidated Rubber Tire Co. (Tires), 229 W 57th
DOMINION ASBESTOS & RUBBER CORP, 67 Murray
See adv index at end of book
Eagle Pencil Co. (Rubber Erasers, etc.), 703 E 13th
Electric Cable Co. (Insulated Cables), 10 E 43d. Factory: Bridgeport, Conn.
Eureka Fire Hose Mfg. Co. (Rubber-Lined Fire Hose), 27 Barclay, Factory: Jersey City, N. J.
Fabric Fire Hose Co. (Fire Hose), 127 Duane. Factory, Sandy Hook, Conn. (Controlled by Rubber Goods Mfg. Co., New York City)
Good Mfg. Co. ("Good"), 305 E 134th
Goodyear Rubber Co. & Rubber Clothing Co. (Footwear) 787 B'way. Factory: Middletown, Conn.
Gutta Percha & Rubber Mfg. Co. (Mechanical), 126 Duane. Factory: Brooklyn, N. Y.
Habirshaw Elec. Cable Co. (Insulated Wires), 10 E 43d. Factory: Yonkers, N. Y.
Hodgman Rubber Co. (Mackintoshes, Rubber Clothing, Druggists' & Stationers' Sundries & Air Goods), 8 W 40th. Factories: Tuckahoe, N. Y., & Mt. Vernon, N. Y.
International Rubber Co. (Tiling, Sheeting, etc.), 120 B'way
Jenkins Rubber Co. (Mechanical Packings, Valves, etc.), 80 White. Factory: Elizabeth, N. J., Jenkins Bros. Propts.
Kerite Insulated Wire & Cable Co. (Insulated Wires & Cables), 30 Church. Factory: Seymour, Conn.
Kleinert I. B. Rubber Co. (Dental Rubber & Dress Shields), 725 B'way. Factory: College Point, Borough of Queens, New York City
Mechanical Rubber Co. (Mechanical), 73 Reade. (Controlled by Rubber Goods Mfg. Co., New York City)
New York Belting & Packing Co. (Mechanical, Mattings, etc), 91 Chambers. Factories: Passaic, N. J. (Controlled by Rubber Goods Mfg. Co., New York City)
New York Gas Tubing Co. (Gas Tubings), 95 Bank
New York Insulated Wire Co. (Insulated Wires & Hard Rubber, Insulating Tapes, Gasket Packing, etc), 84 State, Boston, Mass. Factory: Wallingford, Conn.
New York Rubber Co. (Mechanical Rubber Goods), Reade & Church
OKONITE CO. (Insulated Wires & Cables), 501 Fifth av. Factory: Passaic, N. J.
See adv index at end of book
Peerless Rubber Mfg. Co. (Mechanical), 31 Warren. Factory: New Durham, N. J. Controlled by Rubber Goods Mfg. Co., New York City

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Rubber Goods Mfg. Co. (Mechanical, Tires, etc), B'way & 58th, New York. This company also controls the following companies:
Fabric Fire Hose Co., New York City
G. & J. Tire Co., Indianapolis, Ind.
India Rubber Co., New Brunswick, N. J.
Indianapolis Rubber Co., Indianapolis, Ind.
Mechanical Rubber Co., Chicago, Ill.
Mechanical Rubber Co., Cleveland, O.
Mechanical Rubber Co., New York
Morgan & Wright, Detroit, Mich.
New York Belting & Packing Co., New York
Peerless Rubber Mfg. Co., New York

Stoughton Rubber Co., Stoughton, Mass.
Safety Insulated Wire & Cable Co. (Insulated Wires & Cables), 114 Liberty. Factory: Bayonne, N. J.
Seabury & Johnson (Rubber Plasters), 59 Maiden Lane. Factory: East Orange, N. J.
Soltau Robt. & Co. (Gutta Percha Tissue), 75 John
Traun Rubber Co. (Dental & Druggists' Sundries, Stamp Rubber, etc), 335 B'way. Factory: College Point, Borough of Queens, New York City

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United States Rubber Co. (Footwear, Clothing, Druggists' Sundries, Insulated Wires, etc), 58th & B'way. This company also controls the Rubber Goods Mfg. Co., New York City, and subsidiary companies that follow under their name. The United States Rubber Co. also controls the following:
American Rubber Co., Boston, Mass.
Banigan Jos. Rubber Co., Providence, R. I.
Bay State Rubber Co., Boston, Mass.
Boston Rubber Shoe Co., Boston, Mass.
Candee L. & Co., New Haven, Conn.
Goodyear Metallic Rubber Shoe Co., Naugatuck, Conn.
Lycoming Rubber Co., Williamsport, Pa.
National India Rubber Co., Bristol, R. I.
Rubber Goods Mfg. Co., New York
Woonsocket Rubber Co., Woonsocket, R. I.

Vulcanized Rubber Co. (Hard Rubber Goods), 251 4th av. Factory: Morrisville, Pa.
Western Electric Co. (Hard Rubber, Electrical Specialties & Insulated Wires), 463 West

Borough of Queens.

COLLEGE POINT—Traun Rubber Co. (See New York City)
LONG ISLAND CITY—Rubber Stopple Co. (Small Molded Goods), West av

Borough of Richmond.

PRINCES BAY—White S. S. Dental Mfg. Co. (See Phila., Pa.)

(End of New York City)

PALMYRA—Crandall Packing Co. (Packings, etc)
Dealers Steam Packing Co. (Packings)
Garlock Packing Co. (Packings & Mechanical)
TUCKAHOE—Hodgman Rubber Co. (See New York City)
YONKERS—Habirshaw Electric Cable Co. (See New York City)

OHIO.

AKRON—American Hard Rubber Co. (See New York City)
American Tire & Rubber Co.
Akron Fountain Pen Co (Fountain Pens)
Firestone Tire & Rubber Co. (Tires)
General Tire & Rubber Co.
Goodrich B. F. Co. (Mechanical Rubber Goods, Tires, Stationers' & Druggists' Sundries, etc)
Goodyear Tire & Rubber Co. (Mechanical Goods, Tires, Druggists' Sundries, etc)
Gregory Rubber Co.
Lincoln Rubber Co.
Lyon Rubber Co. (Gloves & Other Dipped Goods)
Miller Rubber Co. (Tires, Druggists' Sundries, Toys, Physicians' & Hospital Supplies, etc)
Mohawk Rubber Co. (Tires & Tubes)
Motz Clincher Tire & Rubber Co. (Tires)
M. & M. Mfg. Co.
O'Neil Tire & Rubber Co.
Pike Rubber Co. (Rubber Specialties)
Pioneer Rubber Specialty Co.
Pioneer Rubber Specialty Co. (Gloves, etc), Akron, O.
Star Rubber Co. (Seamless Druggists' Sundries)
Swinehart Tire & Rubber Co. (Carriage Tires)
ASHLAND—Faultless Rubber Co. (Druggists' Surgical Sundries, Molded Goods, etc)
BARBERTON—Rubber Products Co. (Mechanical & Druggists' Sundries)
CANTON—Canton Rubber Co. (Seamless Goods & Druggists' Sundries)
Wilson Rubber Co. (Druggists' Sundries & Gloves)
CARROLLTON—L. & M. Rubber Co.
CINCINNATI—Cincinnati Rubber Mfg. Co. (Mechanical)
CLEVELAND—Aetna Rubber Co. (Gloves), 815 E 79th
Chemical Rubber Co. (Laboratory Supplies), W 112th
Mechanical Rubber Co. (Mechanical & Molded Goods)
Standard Tire & Rubber Mfg. Co. (Mechanical & Molded Goods), Hippodrome bldg
COLUMBIA—Columbia Tire & Rubber Co.
CUYAHOGA FALLS—Falls Rubber Co. (Tires)
Marathon Tire & Rubber Co. (Tires, etc)
EAST PALESTINE—McGraw Tire & Rubber Co. (Tires, etc)
ELYRIA—I. T. S. Rubber Co.
MANSFIELD—Mansfield Tire & Rubber Co. (Tires, Tubes, etc)
MARION—Marion Tire & Rubber Co.
MASSILLON—Realty Rubber Works (Seamless Rubber Goods)
RAVENNA—Ravenna Rubber Co. (Gloves)
SPRINGFIELD—Victor Rubber Co. (Mechanical, Tires, etc)
WARREN—Packard Electric Co. ("Packard," Cable)
YOUNGSTOWN—Republic Rubber Co. (Mechanical, Tires, etc)

PENNSYLVANIA.

BLOOMSBURG—Wirt Paul E. (Fountain Pens)
CONSHOHOCKEN—Lee Tire & Rubber Co. (Tires, etc)
ERIE—Continental Rubber Works (Mechanical, Tires, etc)
Keystone Rubber Co.
Vulcan Rubber Co. (Tires, Tubes, etc)
JEANNETTE—Pennsylvania Rubber Co. (Mechanical, Tires, etc)
PHILADELPHIA—**DOMINION ASBESTOS & RUBBER CORP,** 110 Walnut. *See adv index at end of book*
Goodall Rubber Co. (Mechanical), 10th & Race
Montgomery Bros. (Cements), 45 S 2d
Moore Alfred F. (Insulated Wires), 200 N 3d
Mulconroy Co. (Mechanical Goods, etc), 54th & Jefferson
Quaker City Rubber Co. (Mechanical), 629 Market
White S. S. Dental Mfg. Co. (Dental Supplies), 12th & Chestnut. Factory: Princes Bay, Bor. of Richmond, New York City

RHODE ISLAND.

BRISTOL—National India Rubber Co. (Insulated Wires, Footwear, Mechanical Goods, Druggists' Sundries, Carriage Cloth), Controlled by U. S. Rubber Co.
PAWTUCKET—Collver Insulated Wire Co. (Insulated Wires & Cables)
PHILLIPSDALE — American Electrical Works (Insulated Wires)
PROVIDENCE—Bourn Rubber Co. (Insulated Wires, Footwear, etc), 58 Warren
Davol Rubber Co. (Druggists' Sundries), 69 Point
Mechanical Fabric Co. (Rubber Thread & Card Clothing), 40 Sprague
WEST BARRINGTON—International Rubber Co. (See New York City)
WOONSOCKET—American Wringer Co. (See New York City)
Woonsocket Rubber Co. (Footwear), (Controlled by U. S. Rubber Co.) (See New York City)

VIRGINIA.

RICHMOND—**DOMINION ASBESTOS & RUBBER CORP,** 8 Governor *See adv index at end of book*

WASHINGTON.

SPOKANE—Interstate Rubber Co. (Molded Goods, Valves, Gaskets, etc)

WISCONSIN.

CUDAHY—Federal Rubber Co., The (Tires Mechanical Goods, etc)
LA CROSSE—La Crosse Rubber Mills Co. (Mackintoshes, Rubber Clothing, Footwear & Molded Goods)
MILWAUKEE—Petley Rubber Co. (Mechanical Goods), 247 Oregon
RACINE—Chicago Rubber Clothing Co. (Mackintoshes, Rubber Clothing)
Racine Rubber Co.

12784—Rubber Goods (Druggists' & Surgical)

Ajax Rubber Co., 1796 B'way, New York
American Hard Rubber Co., 9 Mercer, New York
Bailey C. J. & Co., 22 Boylston, Boston, Mass.
Baumann Rubber Co., New Haven, Conn.
Canton Rubber Co. (Seamless Rubber Goods), Canton, O.
Davidson Rubber Co., Boston, Mass.
Davol Rubber Co., 69 Point, Providence, R. I.
Faultless Rubber Co., Ashland, O.
Goodrich B. F. Co., Akron, O.
Hodgman Rubber Co., 8 W 40th, New York
Lincoln Rubber Co., Akron, O.
Luzerne Rubber Co., Trenton, N. J.
McTernen Rubber Mfg. Co., Reading, Mass.
Miller Rubber Co., Akron, O.
Myers Mfg. Co. ("Costa"), Fremont, O.
National India Rubber Co. (Drugists' Sundries), Bristol, R. I.
Parker Stearns & Co., 286 Sheffield av, Brooklyn, N. Y.
Rubber Products Co., Barberton, O.
Rubber Stopple Co., West av, Long Island City, N. Y.
Seamless Rubber Co., New Haven, Conn.
Star Rubber Co. (Seamless), Akron, O.
Tyer Rubber Co., Andover, Mass.
Vant Woud Rubber Co., 168 39th, Brooklyn, N. Y.
Whitall, Tatum Co., 410 Race, Phila., Pa.

Rubber Goods (Hard)

See Rubber, Hard

12785—Rubber Goods (Mechanical)

See Index of Contents for all Other Rubber Specialties

Acme Rubber Mfg. Co., Trenton, N. J.
Anderson Rubber Works, Anderson Ind.
Bell Andrew (Est. of), 6 Commercial, Newark, N. J.
Boonton Rubber Co. Boonton N. J.
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Boston Woven Hose & Rubber Co., Cambridge, Mass.
Buckley J. W. Rubber Co., 69 Warren, New York
Buffalo Weaving & Belting Co., Buffalo, N. Y.
Canfield H. O. Co., Bridgeport, Conn.
Central Ruber Co., 154 N 7th, Phila., Pa.
Cincinnati Rubber Mfg. Co. ("Old Crow" Fuller Balls), Cincinnati, O.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Continental Rubber Works, Erie, Pa.
Davidson Rubber Co. (Hard & Soft, Drug, Dental, Surgical & Hospital), Boston, Mass.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Ehman Tire & Rubber Co., 27th & La Salle, Chicago, Ill.
Elkhart Rubber Works, Elkhart, Ind.
Empire Tire & Rubber Corp., East Trenton, N. J.
Essex Rubber Co., Trenton, N. J.
Federal Rubber Co., The, Cudahy, Wis.
Fort Worth Well Machy. & Supply Co., Fort Worth, Tex.
Goodall Rubber Co., 11th & Race, Phila., Pa.
Goodrich B. F. Co., Akron, O.
Goodyear Tire & Rubber Co., Akron, O.
Gutta Percha Rubber Mfg. Co., 126 Duane, New York
Hamilton Rubber Mfg. Co., Trenton, N. J.
Hewitt Rubber Co., Buffalo, N. Y.
Home Rubber Co., Trenton, N. J.

RUBBER GOODS (MECHANICAL)—c't'd.
Hudson Mechanical Rubber Co., 50 Church, New York
Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.
Jones I. G. Co., Syracuse, N. Y.
Keystone Rubber Co., Erie, Pa.
Laurel Co., Garfield, N. J.
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mattson Rubber Co., Lodi, N. J.
Mechanical Rubber Co., 73 Reade, New York
Mechanical Rubber Co., Cleveland, O.
Miller Rubber Co., Akron, O.
Mulconroy Co., 54th & Jefferson, Phila., Pa.
Norwalk Mfg. Co., E. Norwalk, Conn.
National India Rubber Co., Bristol, R. I.
New Jersey Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
New York Belting & Packing Co., 91 Chambers, New York
NEW YORK RUBBER CO., 323 W Randolph, Chicago, Ill., Reade & Church, New York
Peerless Rubber Mfg. Co., 31 Warren, New York
Pennsylvania Rubber Co., Jeannette, Pa.
Petley Ruber Mfg. Co., 247 Oregon, Milwauke, Wis.
Portland Rubber Mills, 368 E 9th, S Portland, Ore.
Quaker City Rubber Co., 629 Market, Phila., Pa.
Republic Rubber Co., Youngstown, O.
Revere Rubber Co., Chelsea, Mass.
Rubber Products Co., Barberton, O.
Rubber Stopple Co., West av, Long Island City, N. Y.
Schacht Rubber Mfg. Co., Huntington, Ind.
Standard Woven Fabric Co. (Mats, Matting, Springs, Heels, etc.), Walpole, Mass.
Stokes Jos. Rubber Co., Trenton, N. J.
Thermoid Rubber Co., Trenton, N. J.
United & Globe Rubber Mfg. Co., Trenton, N. J.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
Western Rubber Co., Goshen, Ind.
Whitehead Bros. Rubber Co., Trenton, N. J.
Woven Steel Hose & Rubber Co., Trenton, N. J.

12786—Rubber Goods (Moulded)

Acme Rubber Mfg. Co., Trenton, N. J.
Ajax Rubber Co., 1796 B'way, New York
Anderson Rubber Works, Anderson, Ind.
Atlantic Rubber Co., Linden, Boston, Mass.
Batavia Rubber Co., Batavia, N. Y.
Bell Andrew (Est. of), 6 Commercial, Newark, N. J.
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Boston Woven Hose & Rubber Co., Cambridge, Mass.
Canfield H. O. Co., Bridgeport, Conn.
Canfield Rubber Co., Bridgeport, Conn.
Cincinnati Rubber Mfg. Co., Cincinnati, Ohio
Clifton Mfg. Co., 65 Brookside av, Jamaica Plain, Boston, Mass.
Continental Rubber Works, Erie, Pa.
Davidson Rubber Co., Boston, Mass.
Davol Rubber Co., 69 Point, Providence, R. I.
Elkhart Rubber Works, Elkhart, Ind.
Empire Tire & Rubber Corp., East Trenton, N. J.
Essex Rubber Co., Trenton, N. J.
Faultless Rubber Co., Ashland, O.
Federal Rubber Co., The, Cudahy, Wis.
Goodrich B. F. Co., Akron, O.
Goodyear Tire & Rubber Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Hamilton Rubber Mfg. Co., Trenton, N. J.
Hodgman Rubber Co., 8 W 40th, New York
Home Rubber Co., Trenton, N. J.
Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.
Laurel Co., Garfield, N. J.
McTernen Rubber Mfg. Co., Reading, Mass.
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mattson Rubber Co., Lodi, N. J.
Mechanical Rubber Co., Cleveland, O.
Mercer Rubber Co., Hamilton Sq., N. J.
Miller Rubber Co., Akron, O.
National India Rubber Co., Bristol, R. I.
Parker-Stearns & Co., 286 Sheffield av, Brooklyn, N. Y.
Pennsylvania Rubber Co., Jeannette, Pa.
Plymouth Rubber Co., Canton, Mass.
Quabaug Rubber Co., North Brookfield, Mass.
Quaker City Rubber Co., 629 Market, Phila., Pa.
Rubber Stopple Co., West av, Long Island City, N. Y.
Schacht Rubber Mfg. Co., Huntington, Ind.
Seamless Rubber Co., New Haven, Conn.
Standard Woven Fabric Co., Walpole, Mass.
Thermoid Rubber Co., Trenton, N. J.
Tyer Rubber Co., Andover, Mass.
Western Rubber Co., Goshen, Ind.
Whitehead Bros. Rubber Co., Trenton, N. J.

12787— Rubber (Hard)

American Hard Rubber Co., 9 Mercer, New York
Boonton Rubber Mfg. Co., Boonton, N. J.
Brock A. S. Rubber Co., 57 Broad, Boston, Mass.
Davidson Rubber Co. (Drug, Dental & Surgical, etc), Boston, Mass.
Davol Rubber Co., 69 Point, Providence, R. I.
Day H. P. & E., Seymour, Conn.
Diamond Rubber Co., Akron, Ohio
Elkhart Rubber Works, Elkhart, Ind.
Goodrich B. F. Co., Akron, O.
Goodyear Rubber Co. (Pacific Coast Agents for American Hard Rubber Co.), 539 Mission, San Francisco, Cal.
See adv index at end of book
Home Rubber Co., Trenton, N. J.
India Rubber Co., New Brunswick, N. J.
Luzerne Rubber Co., Trenton, N. J.
Siemon Hard Rubber Corp. (Electrical), Bridgeport, Conn.
Stokes Jos. Rubber Co., Trenton, N. J.
Tyer Rubber Co., Andover, Mass.
Vulcanized Rubber Co., 251 4th av, New York

12788—Rubber Horse Shoe Pads

Combination Rubber Mfg. Co., Bloomfield, N. J.
Continental Rubber Works (Leather Back & Canvas Back), Erie, Pa.
Dryden Rubber Co., 1014 S Kildare av, Chicago, Ill.
Essex Rubber Co., Trenton, N. J.
Federal Rubber Co., The, Cudahy, Wis.
Firestone Tire & Rubber Co. ("Lily," "Jewel," "Windsor," "Russell," "Eagle," "Belmont," "Firestone," "Winter"), Akron, O.
Foster Rubber Co., 105 Federal, Boston, Mass.
Goodrich B. F. Co., Akron, O.
Goodyear Tire & Rubber Co., Akron, O.
Judsen Carl A. ("Judsen," Canvas & Leather Bark), 214 W Erie, Chicago, Ill.
Killion Rubber Co., 26 Clayton, Boston, Mass.
Laurel Co., Garfield, N. J.
Manhattan Rubber Mfg. Co., Passaic, N. J.
Neverslip Mfg. Co., New Brunswick, N. J.
Plymouth Rubber Co., Canton, Mass.
Revere Rubber Co. ("Calk," "Samson," "Ajax," "New Globe"), Chelsea, Mass.
Rutherford Rubber Co. ("Sterling"), Rutherford, N. J.
Schacht Rubber Mfg. Co., Huntington, Ind.
Victor Rubber Co. ("Victor"), Springfield, O.
Western Rubber Co., Goshen, Ind.

12789—Rubber Ice Bags & Caps

Baumann Rubber Co., New Haven, Conn.
Canton Rubber Co., Canton, O.
Davidson Rubber Co., Boston, Mass.
Davol Rubber Co., 69 Point, Providence, R. I.
Faultless Rubber Co., Ashland, O.
Goodrich B. F. Co., Akron ,O.
Miller Rubber Co., Akron, O.
National India Rubber Co., Bristol, R. I.
Parker-Stearns & Co. ("Alpha"), 286 Sheffield av, Brooklyn, N. Y.
Rubber Products Co., Barberton, O.
Seamless Rubber Co., New Haven, Conn.
Tyer Rubber Co., Andover, Mass.

12790— Rubber (Mineral)

American Wax Co. ("Amax"), 161 Summer, Boston, Mass.
Barber Asphalt Paving Co. ("Genasco"), Land Title bldg, Phila., Pa.
Canfield Co. ("Elateron"), Cleveland, O.
Frazer & Co., 30 Church, New York
Standard Asphalt & Rubber Co., ("Sarco"), 208 S La Salle, Chicago, Ill.

12791—Rubber Packers & Rings

Elkhart Rubber Works, Elkhart, Ind.
Empire Tire & Rubber Corp., East Trenton, N. J.
Goodrich B. F. Co. (For Oil & Gas Wells), Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Home Rubber Co., Trenton, N. J.
Pennsylvania Rubber Co., Jeannette, Pa.

Rubber Packing

See Packing Manufacturers

12792— Rubber (Reclaimed)

American Rubber Reclaiming Co. ("Mercer" Brand), 406 E Rittenhouse, Phila., Pa.
Appleton F. H. Son, 185 Summer, Boston, Mass.
Askam Rubber Co., Milford, Conn.
Bloomingdale Rubber Co., 501 5th av, New York. Works: Butler, N. J.
Boonton Rubber Co. (For Hard Rubber Compounds), Boonton, N. J.
Boston Woven Hose & Rubber Co., Cambridge, Mass.
Clapp E. H. Rubber Co., 49 Federal, Boston, Mass.
Corona Rubber Reclaiming Co., Germantown, Phila, Pa.
Danversport Rubber Co., Danversport, Mass.
Electric Rubber Reclaiming Co., Barbertown, Ohio
Harmer Rubber Reclaiming Works, East Millstone, N. J.
Housatonic Rubber Works, Bridgeport, Conn.
Manufactured Rubber Co. ("Lafayette," "Wm. Penn," "Star"), Penna. bldg, Phila., Pa. Works: Metuchen, N. J.
Monatiquot Rubber Works Co. ("Monatiquot," "Squantum"), S Braintree, Mass.
Nearpara Rubber Co. ("Hudson," "Potomac," "Potomac A," "Merrimac," "Delaware," "St. Lawrence"), Trenton, N. J.
New Jersey Rubber Co., Lambertville, N. J.
Northwestern Rubber Co., Trenton, N. J.
Pequanoc Rubber Co., Butler, N. J.
Philadelphia Rubber Works, Land Title bldg, Phila., Pa.
Portage Rubber Co., Akron, O.
Raymond Rubber Co., Titusville, N. J.
Rubber Regenerating Co., Mishawaka, Ind.
Somerset Rubber Reclaiming Works, New Brunswick, N. J.
Stockton Rubber Co., Stockton, N. J.
U. S. Rubber Co. (Reclaiming Plant), Naugatuck, Conn.
U. S. Rubber Reclaiming Co. ("Buffalo," "Genesee," "Hudson," "Iroquois," "Mohawk," "Superior," "Tioga," "White Buffalo," "Arrowhead," Matchless," "Seneca," "Insula," "Victoria," "Niagara"), 30 E 42d, New York

12793—Rubber Rods & Sheets

Anderson Rubber Works (Sheets Only), Anderson, Ind.
Continental Rubber Works, Erie, Pa.
Empire Tire & Rubber Corp., East Trenton, N. J.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Stokes Joseph Rubber Co., Trenton, N. J.
Vulcanized Rubber Co. (Hand), 251 4th av, New York
Whitehead Bros. Rubber Co. (Pure Sheet Only), Trenton, N. J.

12794— Rubber Saw Bands

Boston Belting Corp., 84 Linden Park, Boston, Mass.
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Continental Rubber Works, Erie, Pa.
Empire Tire & Rubber Corp., East Trenton, N. J.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Home Rubber Co., Trenton, N. J.
Huther Bros. Saw Mfg. Co., Rochester, N. Y.
See adv index at end of book
Pennsylvania Rubber Co., Jeannette, Pa.
Quaker City Rubber Co., 629 Market, Phila., Pa.
Schacht Rubber Mfg. Co., Huntington, Ind.

Rubber Scrap

See Scrap Rubber

12795—Rubber Stamp Makers' Supplies

Dorman J. F. W. Co., 526 N Calvert, Baltimore, Md.
Superior Type Co., 32 S Clinton, Chicago, Ill.
Smith R. M. Mfg. Co., Springfield, Mass.

12796— Rubber Substitutes

Ashley, T. C. & Co. (White), Atlantic
Cantor Joseph, 54 Stone, New York
Carter-Bell Mfg. Co. (Black & White), 150 Nassau, New York
Corn Products Refining Co. ("Paragol" Black), 17 Battery pl, New York
Eagle Rubber Supply Co., Stamford, Conn.
Lufbery Geo. F., Jr., Elizabeth, N. J.
Mitchell-Rand Mfg. Co., 99 John, New York
National Co., 1404 Cortland, Chicago, Ill.
Pierce Co. ("Vorite"), East Rochester, N. Y.
Scheel Wm. H. (Imported), 159 Maiden la, New York
Stamford Rubber Supply Co. ("Stamford"), Stamford, Conn.
Standard Asphalt & Rubber Co., 208 S La Salle, Chicago, Ill.
Standard Woven Fabric Co., Walpole, Mass.
Sterling Mfg. Co., Gloucester, Mass.
Synthetic Products Co. (Liquid), Engineers bldg., Cleveland, Ohio
T. M. & B. Chemical Co., 500 1st, South Boston, Mass.
Tyson Bros. Co., Carteret, N. J.
Uhlich Paul & Co. (Imp.), 11 Cliff, New York
Viscol Co., Cambridge, Mass.

12797—Rubber Suits (Pneumatic Pressure)

Goodrich B. F. Co. ("Dr. George W. Grile Patent"), Akron, O.

12797a—Rubber Tire Trucks (Storage Battery)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

Rubber Window Cleaners

See Cleaners, Window

12798— Rubbers (Fruit Jar)

Acme Rubber Mfg. Co., Trenton, N. J.
Ball Bros. Glass Mfg. Co. ("Ball Perfect Seal"), Muncie, Ind.
Boston Woven Hose & Rubber Co. ("Good Luck," also Special Rings for All Styles of Jars), Cambridge, Mass.
Empire Tire & Rubber Corp. ("Tulip"), East Trenton, N. J.
Goodrich B. F. Co., Akron, O.
Hamilton Rubber Mfg. Co., Trenton, N. J.
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mechanical Rubber Co., Cleveland, O.
Mercer Rubber Co., Hamilton Sq., N. J.
Rubber Products Co., Barberton, O.

12799—Rubbers (Sling Shot)

Davol Rubber Co., 69 Point, Providence, R. I.

12800—Rubbing Beds (Stone, Slate, Etc.)

Birmingham Iron Foundry (For Marble, Stone, Slate, Brick & Terra Cotta), Derby, Conn.
Flynn & Emrich Co. (Stone), 305 N Holliday, Baltimore, Md.
Glover Machine Works (For Marble), Marietta, Ga.
Lehigh Foundry Co., Fullerton, Pa.
Lincoln Iron Works, Rutland, Vt.
New Albany Machine Mfg. Co., New Albany, Ind.
Oliver Wm. J. Mfg. Co. (For Marble), Knoxville, Tenn.
Patch F. R. Mfg. Co., Rutland, Vt.

12800a—*Rudders (Brass & Galvanized Steel)

Koven L. O. & Bro., 154 Ogden, Jersey City, N. J.
See adv index at end of book

12801—Rudders (Galvanized Iron)

Wilcox, Crittenden & Co. ("Brass"), Middletown, Conn.

12802— Rugs (Automobile)

Curtis & Von Bernuth Mfg. Co., 88 W B'way, New York
White Elmer S. & Co., Heed bldg, Phila., Pa.
Wild Joseph & Co., 366 5th av, New York

12803— Rugs (Congoleum)

Congoleum Co., 1109 Lyttom bldg, Chicago, Ill.
United Roofing & Mfg. Co., 1305 Morris bldg, Phila., Pa.

12804— Rugs (Steamer)

Linn Woolen Co., Hartland, Me.
Pontoosuc Woolen Mfg. Co., Pittsfield, Mass.
Riley Wm. B. & Co., 238 Chestnut, Phila., Pa.

12805—Rule (Perforating, Cutting & Creasing)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

12805a—*Rulers (Advertising, Wood)

See also Advertising Novelties

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

12806—Rulers (Hard Rubber)

American Hard Rubber Co., 9 Mercer, New York

12807—Rulers (School & Desk)

American Mfg. Concern, Falconer, N. Y.
Bliss Mfg. Co., Bliss, N. Y.
Bogert & Hopper Advertising, 67 Barclay, New York
Estes E. B. & Sons (Wooden), 364 5th av, New York. *See adv index at end of book*
Kimpton Ed. Co., 60 John, New York
Lucas-Tuttle Mfg. Co., Silver Springs, N. Y.
Lufkin Rule Co., Saginaw, Mich.
Westcott-Jewell Co., "Arrow Brand" & "Feather Weight Flexible," Plain or Folding), Seneca Falls, N. Y.

12808— Rules

Under this Heading See Sub-Classifications
Athol Machine Co. ("Standard" Steel), Athol, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Chapin-Stephens Co. ("Pearce" Box Wood, Ivory, Combination, Slope Level, Try Square & Miscellaneous, etc), Pine Meadow, Conn.
Dahl Mfg. Co. ("Master Slide Rule & "Interlox"), 841 E 136th, New York
Disston Henry & Sons, Tacony, Phila., Pa.
Elliott B. K. Co., 126 6th, Pittsburgh, Pa.
Forsyth Metal Goods Co. (Metal), E. Aurora, N. Y.
Goodell-Pratt Co. (Steel), Greenfield, Mass.
Irving Mfg. & Tool Co. ("Axiom"), 157 Chambers, New York
Johnson E. P. Rule Mfg. Co., 565 Wash, blvd, Chicago, Ill.
Kerby & Bro., 51 Fulton, New York
Keuffel & Esser Co., Hoboken, N. J.
LUFKIN RULE CO., Saginaw, Mich.
Reliable Stamping Co. (Rustless), Buffalo, N. Y.
Sawyer Tool Mfg. Co., Ashburnham, Mass.
Somers James M. Co. (Brass), Bridgeport, Conn.
Stanley Rule & Level Co. ("Victor," Boxwood, "Zig Zag," "Stanley" Ivory), New Britain, Conn.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book
Upson Nut Co. (Boxwood), Cleveland, O.

12809— Rules (Aluminum)

Aluminum Goods Mfg. Co. (Pocket, etc), Manitowoc, Wis.

12810— Rules (Blacksmiths')

STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

12811— Rules (Caliper)

See Also Calipers

Brown & Sharpe Mfg. Co., Providence, R. I.
Chapin-Stephens Co. (Boxwood), Pine Meadow, Conn.
Humphrey Machine Co., Keene, N. H.
Lufkin Rule Co., Saginaw, Mich.
Stanley Rule & Level Co. (Boxwood, Ivory, etc.), New Britain, Conn.
STARRETT L. S. CO. (THE) (Slide, etc), Athol, Mass.
See adv index at end of book
Upson Nut Co. (Ivory & Boxwood), Cleveland, O., & Unionville, Conn.

12812— *Rules (Desk)

STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

12813— Rules (Extension)

Keuffel & Esser Co., Hoboken, N. J.
Lufkin Rule Co., Saginaw, Mich.
Stanley Rule & Level Co., New Britain, Conn.
Upson Nut Co. (Zig Zag, etc.), Cleveland, O.

12814— Rules (Folding)

Keuffel & Esser, Hoboken, N. J.
Lufkin Rule Co. (Flexible Wood; also Spring Joint), Saginaw, Mich.
Reliable Stamping Co. (Rustless), Buffalo, N. Y.
Standard Wood Works, 421 Kent av, Bklyn, N. Y.
Strauss Adolph & Co. ("Lion"), 678 Broadway, New York

12815—Rules (Folding Boxwood)

Lufkin Rule Co., Saginaw, Mich.

12816—Rules (Glass Cutters')

Kerby & Bro., 51 Fulton, New York
Lufkin Rule Co., Saginaw, Mich.

12817— Rules (Key Seat)

Brown & Sharpe Mfg. Co., Providence, R. I.
Sawyer Tool Mfg. Co., Ashburnham, Mass.
STARRETT L. S. CO. (THE), Athol, Mass. *See adv index at end of book*

12818—Rules (Lumberman's)

American Rule Mfg. Co. (Second-Growth White Hickory), Nashville, Tenn.
Chapin-Stephens Co. (Log Sticks, etc), Pine Meadow, Conn.
Cleveland Rule Co., 2190 W 59th, Cleveland, O.
Lufkin Rule Co., Saginaw, Mich.
Oshkosh Mfg. Co. (Hickory), 115 B'way, New York
Smith & Phillips Mfg. Co. ("Ideal" Hickory Stick Steel Head), 1008 W Madison, Chicago, Ill.
Stanley Rule & Level Co., New Britain, Conn.
Upson Nut Co., Cleveland, O., & Unionville, Conn.

12819—Rules (Machine, Divided Steel)

Lufkin Rule Co., Saginaw, Mich.

12820— Rules (Machinists')

Athol Machine Co., Athol, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Disston Henry & Sons, Tacony, Phila., Pa.
Lufkin Rule Co., Saginaw, Mich.
Sawyer Tool Mfg. Co., Ashburnham, Mass.
STARRETT L. S. CO. (THE), Athol, Mass. *See adv index at end of book*

12821— Rules (Plumb)

Worden L. B., Penn Yan, N. Y.

12822— Rules (Pocket)

Lufkin Rule Co., Saginaw, Mich.
STARRETT L. S. CO. (THE), (Steel Folding), Athol, Mass.
See adv index at end of book

12823—Rules (Printers' Brass)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

12824—Rules (Scale & Shrinkage)

Brown & Sharpe Mfg. Co., Providence, R. I.
Cleveland Galvanizing Works Co. (Shrinkage), 3924 Cooper av, Cleveland, O.
Kueffel & Esser Co., Hoboken, N. J.
Lufkin Rule Co., Saginaw, Mich.
Stanley Rule & Level Co., New Britain, Conn.
STARRETT L. S. CO (THE), (Shrinkage Only), Athol, Mass.
See adv index at end of book

12825— Rules (Slide)

Gilson Slide Rule Co., Niles, Mich.
Keuffel & Esser Co., Hoboken, N. J.
Richardson Geo. W. ("Richardson" Direct Reading, "Winslow" Strength Computing), 4212 W 24th pl, Chicago, Ill.
STARRETT L. S. CO. (THE), Athol, Mass. *See adv index at end of book*
Tomlinson Henry W. ("Winslow" Strength Computing), 64 E Van Buren, Chicago, Ill.

12826— Rules (Steel)

Brown & Sharpe Mfg. Co., Providence, R. I.
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Disston Henry & Sons, Tacony, Phila., Pa.
Forsyth Metal Goods Co., E. Aurora, N. Y.
Keuffel & Esser Co., Hoboken, N. J.
Lufkin Rule Co., Saginaw, Mich.
Nicholls Mfg. Co. (Framing), Ottumwa, Ia.
Sawyer Tool Mfg. Co., Ashburnham, Mass.
STARRETT L. S. CO. (THE), Athol, Mass. *See adv index at end of book*
Union Tool Co., Orange, Mass.
Wellman Pattern Supply Co. (Steel Shrink Rules), Cleveland, O.

12827—Rules (Steel, Metric)

Brown & Sharpe Mfg. Co., Providence, R. I.
Goodell-Pratt Co., Greenfield, Mass.
Lufkin Rule Co., Saginaw, Mich.
Sawyer Tool Mfg. Co., Ashburnham, Mass.
STARRETT L. S. CO. (THE), Athol, Mass. *See adv index at end of book*

12828— Rules (Tinners')

Lufkin Rule Co., Saginaw, Mich.
Merchant & Evans Co., 2035 Washington av, Phila., Pa.
See adv index at end of book
Peck, Stow & Wilcox Co., Southington, Conn.

12829— Rungs (Ladder)

Estes E. B. & Sons (Also Chair), 364 5th av, New York
See adv index at end of book
Minton T. W. & Son, Barbourville, Ky.
Oliver Iron & Steel Co. (Steel), S 10th & Muriel, Pittsburgh, Pa.
New Britain Machine Co. ("New Britain"), 190 Chestnut, New Britain, Conn.
Rugg Mfg. Co. (White Ash), Greenfield, Mass.

12830— Runners (Joint)

American Brass Novelty Co., Grand Haven, Mich.
Johns H. W.-Manville Co. (Lead), Madison av & 41st, New York
Vanderman Mfg. Co. ("Asbestos Lead"), Willimantic, Conn.
Walworth Mfg. Co., Boston, Mass.
Wolverine Brass Works, Grand Rapids, Mich.
Yonts C. H. & Co., Meadville, Pa.

12831— Runners (Sled)

Barber Mfg. Co., Ashtabula, O.

12832—Running Boards (Automobile)

BOSSERT CORP. (THE), Utica, N. Y.
See adv index at end of book
Clayton & Lambert Mfg. Co., 205 Piquette av, E Detroit, Mich.
ERDLE PERFORATING CO. (Pressed Steel for Autos, Trucks, etc.), 181 York, Rochester, N. Y.
See adv index at end of book
Michigan Stamping Co., Detroit, Mich.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

12833— Runs (Ice)

Gifford-Wood Co. (Wood or Iron) Hudson, N. Y.
Gruman Ice Tool Works, Branchville, Conn.

Runways (Crane)

See Cranes Runway

12833a— Runways (Poultry)

Buffalo Wire Works Co., 320 Terrace, Buffalo, N. Y.

12834— Rust Preventives

American Rust Proof Co. ("Vatudrip"), 220 5th av, New York
Arnold N. B. ("Slikuys Kant-Rust"), 1 Sigourney, Brooklyn, N. Y.
Cedaroleum Co., Perkinsville, Vt.
Corol Co., 343 S Dearborn, Chicago, Ill
Hess & Son ("Epicassit"), Watkins bldg, Phila., Pa.
Houghton E. F. & Co. ("Cosmic" & White Slushing Oil), 240 W Somerset, Phila., Pa.
Marlin Arms Division ("Marlin Rust Repeller" for Guns, Tools, etc), New Haven, Conn.
Melville F. L. ("Melville's Anti-Rust"), Bayonne, N. J.
Oakley Chemical Co. ("Oakite"), 22 Thames, New York
Pecora Paint Co., 4th & Sedgley av, Phila., Pa.
Remington Arms Union Metallic Cartridge Co., Inc. (Rust Remover for Guns, Revolvers & Pistols), 233 B'way, New York
Rust Resisting Black Finish Co., Bridgeport, Conn.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York

12835— Rust-Proofing

Bradley Iron Works, 37 Ferris, Brooklyn, N. Y.
Rust Resisting Black Finish Co., Bridgeport, Conn.

12836— Rustic Woodwork

North Shore Ferneries Co. (Furniture), Beverly, Mass.
Peirce W. E. & Co., Milford, N. H.

12837— Rutile

Drakenfeld B. F. & Co. (Granular & Powdered), 50 Murray, New York
Foote Mineral Co., 107 N 19th, Phila., Pa.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

12838— Saccharine

Innis, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*
Monsanto Chemical Works, St. Louis, Mo.

12839-40-1—Saccharometers

Phila. Thermometer Co., 9th & Arch., Phila., Pa.
Tagliabue Chas. J. Mfg. Co., 18 33d, Brooklyn, N. Y.
Wagner Carl H., 1944 N Albany av, Chicago, Ill.

Sacks (Cotton)

See Bags & Bagging

12842— Sacks (Ore)

Colorado Tent & Awning Co. ("Boss"), Denver, Colo.
Denver Tent & Awning Co., Denver, Colo.
Hoegee Wm. H. Co., Los Angeles, Cal.

Sacks (Paper, Cement & Flour)

See Bags, Paper, With the Word Cement, etc., Following Their Name

12843— Sad Irons

Alcohol Utilities Co. ("Pyro" Alcohol Self-Heating), 27 William, New York
Alperin H. J. Co. ("Alpine" Electric), 720 Euclid av, Cleveland, O.
American Foundry & Mfg. Co. ("Potts" & Common), 11th & Herbert, St. Louis, Mo.
American Gas Machine Co. (Self Heating Gasoline), Albert Lea, Minn.
American Pressing Iron Co. ("Frugal" Gas), 48 E 8th, New York
Art Stove Co. (Gas), Detroit, Mich.
BEACH-RUSS CO. (Gas), 220 B'way, New York *See adv index at end of book*
Bless & Drake ("Mrs. Potts" Cold-Handle, Self-Heating Charcoal; also "Perfect" Gas), 175 N. J. RR av, Newark, N. J.
Brandenburg Cobbling Supply Co. (Common), 157 W Grand av, Chicago, Ill.
Central Flatiron Mfg. Co., Inc. "Fairy Queen," "Duo Point," "Stewart" Gas Heated), Johnson City, N. Y.
Chattanooga Implement & Mfg. Co. (Common Pressing, Tailors' & Charcoal), Chattanooga, Tenn.
Chicago Hardware Foundry Co. ("Harper" Asbestos Lined), 546 W Washington, N Chicago, Ill.
Colebrookdale Iron Co. ("Mrs. Potts," "Sensible," Chinese Shirt Waist & Laundry, Shield "C" "Sensible" & Shield "C" Tailors), Pottstown, Pa.
Crane Wm. M. Co. ("Vulcan" Gas), 16 W 32d, New York
Cumberland Foundry & Mfg. Co., Nashville, Tenn.
Domestic Gas Iron Co. (Gas), 1001 Black Adore av, Pittsburgh, Pa.
Dover Mfg. Co. (Asbestos), Dover, O.
Edison Electric Appliance Co., Inc. (Hotpoint Division), ("Pacific"), 5600 W Taylor, Chicago, Ill.
Enterprise Hardware Mfg. Co., Frederick, Md.
Enterprise Mfg. Co. of Pa. ("Enterprise," "Star" Polisher), 3d & Dauphin, Phila., Pa.
Genessee Valley Mfg. Co., Mount Morris, N. Y.
Gray Iron Foundry Co. ("Cold Handle" Family & Laundry; also "Dainty" Shirtwaist Irons), Reading, Pa.
Gross Star Gas Iron Co. (Self-Heating, Gasoline), 336 Vanburen, Chicago, Ill.
Herz Mfg. Co. (Self-Heating Gasoline), 241 W 7th, St. Paul, Minn.
Howell W. H. Co. (Cold Handle & Common; also "Star" Quality), Geneva, Ill.
Ideal Sad Iron Mfg. Co. ("Ideal" Gasoline Self-Heating), Cleveland, O.
Illinois Iron & Bolt Co. (Revolving, also Tailors' Irons), Carpentersville, Ill.
Imperial Brass Mfg. Co. ("Imperial" Self-Heating), 524 S Racine av, Chicago, Ill. *See adv index at end of book*
King Stove & Range Co. (Common), Sheffield, Ala.
Landers, Frary & Clark, New Britain, Conn.
Lindstrom-Smith Co. ("White Cross" Electric), 1104 S Wabash av, Chicago, Ill.
Lodge Mfg. Co., South Pittsburgh, Tenn.
Loetscher-Ryan Mfg. Co. ("Star," "Crescent," "B. O. E.," "Mrs. Potts" & Tailors'), Dubuque, Ia.
Modern Safety Gas Iron Co., 608 Arch, Phila., Pa.
Monitor Sad Iron Co. ("Monitor," Gasoline Self-Heating), Big Prairie, O.
Pease Mfg. Co., Cincinnati, O.
Phillips & Buttorff Mfg. Co., Nashville, Tenn.
Rock Island Mfg. Co. ("Mrs. Potts" Pattern, also Gas), Rock Island, Ill.
Rosenbaum Mfg. Co. ("Uneedit," "Rose" Gas), 33 Bleecker, New York
Royal Iron & Mfg. Co. ("Royal" Gas & Gasoline), Big Prairie, O.
Ruud Mfg. Co. (Gas, Thermostatically Controlled), 428 Penn, Pittsburgh, Pa.
Solar Light Co., 69 Wooster, New York

Southern Skein & Foundry Co. ("So. Crescent," also Tailors' Irons), Chattanooga, Tenn.
Stockwell & Co. (Gas), 229 N Holliday, Baltimore, Md.
Strause Gas Iron Co. ("Iwanta" Gas), 1425 Vine, Phila., Pa.
Streeter N. R. & Co. ("Sensible") ("Mrs. Potts"), Rochester, N. Y.
Sun Mfg. Co. ("Modern Self-Heating, Gasoline & Alcohol), South Bend, Ind.
Sunshine Jasper Co. (Gas), 59 E 8th, New York
Thurnauer G. M. Co. ("Nickel Plated Alcohol"), 6 E 20th, New York
Tures Mfg. Co. ("Turz-Lite," "Peerless," Gasoline), 394 6th, Milwaukee, Wis.
Union Mfg. Co., Boyertown, Pa.
Williams A. C. Co., Ravenna, O.
Wright Gas Iron & Novelty Co. ("New Wright" Gas), 18th & Cumberland, Phila., Pa.
Wrightsville Hardware Co. (Cold Handles, "Mrs. Best's" & "Troy Ladies' Pride"), Wrightsville, Pa.

12844— Sad Irons (Electric)

Acme Electric Heater Co. ("Standard Six"), 235 Mt. Elliott av, Detroit, Mich.
American Electrical Heater Co. ("American Beauty," "Superior" & "Triangle"), Detroit, Mich.
Apex Electric Mfg. Co., 1410 W 59th, Chicago, Ill.
Bless & Drake, 175 N. J. RR av, Newark, N. J.
Chicago Flexible Shaft Co. ("Princess"), 5600 W 12th, Chicago, Ill.
Colebrookdale Iron Co. ("Colebrookdale"), Pottstown, Pa.
Cumberland Electric Mfg. Co., Memphis, Tenn.
Cutler-Hammer Mfg. Co., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Detroit Electric Heater Co. ("Happy"), Detroit, Mich.
Diamond Electric Co. ("Delco"), Binghamton, N. Y.
Dover Mfg. Co. ("A-Best-O"), Dover, O.
Economy Electric Co., 211 Fulton, Brooklyn, N. Y.
Edison Electric Appliance Co., Inc. (Hotpoint Div.), ("Pacific," "World's Best," "Utility," "Hotpoint"), 5600 W Taylor, Chicago, Ill
Electric Mfg. Co. ("Mrs. Potts"), 59 New Montgomery, San Francisco, Cal.
Fox Electrical Corpn., 119 W 42d, New York
Landers, Frary & Clark ("Thermax"), New Britain, Conn.
Langguth-Olson Co., 120 Liberty, New York
Lindstrom Smith Co. ("White Cross"), 1104 S Wabash av, Chicago, Ill.
Loetscher-Ryan Mfg. Co. ("Ideal"), Dubuque, Ia.
MANHATTAN ELECTRICAL SUPPLY CO. ("Mesco"), 17 Park pl, New York
See adv index at end of book
Michigan Stove Co. ("Garland"), Detroit, Mich.
National Stamping & Electric Wks. ("Superior"), 424 S Clinton, Chicago, Ill.
Ohio Electric Works, Cleveland, O.
Pelouze Mfg. Co. ("Universal"), 232 E Ohio, Chicago, Ill.
Pfanstiehl Co., North Chicago, Ill.
Phelps Mfg. Co. ("So Easy" & "Venus"), 265 Jefferson av, Detroit, Mich.
Pittsburgh Elec. Spec. Co., Ross & 1st av, Pittsburgh, Pa.
Reimers Mfg. Co., 517 W 45th, New York
Rochester Stamping Co., Rochester, N. Y.
Rock Island Mfg. Co., Rock Island, Ill.
Rutenber Electric Co., Logansport, Ind.
Simplex Electric Heating Co. ("Simplex"), Cambridge, Mass.
Sterling Mach. & Stamping Co., Wellington, O.
Vulcan Electric Heating Co., 107 W 13th, New York
Waage Electric Co. ("Triple Heat"), 12 S Jefferson, Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Sad Irons (Gas)

See Firms in Sad Irons with the Word Gas Following Their Name

12845—Saddles (Bicycle & Motor Cycle)

Mesinger H. & F. Mfg. Co., 144th & Austin pl, New York
Persons Mfg. Co. (Leather), 244 Franklin, Worcester, Mass.
Reading Saddle & Mfg. Co., Reading, Pa.
Superior Metal Products Co., Elyria, O.
Troxel Mfg. Co. (Also Motor Cycle), Elyria, Ohio

12846— Saddles (Gig)

Arters A. Sons Co., Lisbon, O.
Standard Coach Pad Co., Wooster, O.

12847— Saddles (Pipe)

American Foundry & Mfg. Co., St. Louis, Mo.
AMERICAN SPIRAL PIPE WORKS, Chicago, Ill. *See adv index at end of book*
Crane Co. (Est. 1855), 836 So Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Dayton Pipe Coupling Co. (For Pipe Mains, etc), Dayton, O.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
Kelly & Jones Co. (Cast & Malleable Iron), 135 Water, Pittsburgh, Pa.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Mueller H. Mfg. Co., Decatur, Ill.
Newbury Mfg. Co., Monroe, N. Y.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
Skinner M. B. Co. ("Emergency"), 562 W Washington, Chicago, Ill.

Saddles (Riding)

See Harness Saddles & Strap Work Mfrs.

12848— Saddles (Tank)

Munroe R. & Sons Mfg. Corp., 23d & Smallman, Pittsburgh, Pa.

12849— Saddletrees

Claggett Saddletree Co., Jeffersonville, Ind.
Flor Edw., Demorest, Ga.
Hummel Geo. J. Saddletree Co., Madison, Ind.
Miller W. W. Saddletree Co., Madison, Ind.
Sullivan J. S. Saddletree Co., Jefferson City, Mo.

12850—Safe Ends (Boiler Tube)

National Tube Co. ("Shelby" Seamless Steel), Frick bldg, Pittsburgh, Pa.

12851— Safes (Cabinet)

Armor Clad Mfg. Co., Canton, O.
Art Metal Construction Co. ("Art Metal" Light Weight), Jamestown, N. Y.
Fire-Proof Furniture & Construction Co. (Steel), Miamisburg, O.
General Fireproofing Co. ("G. F. All-steel"), Youngstown, O.
Meilink Mfg. Co., Toledo, O.

12852— Safes (Express Car)

Diebold Safe & Lock Co., Canton, O.
HALL'S SAFE CO., 3253 Spring Grove av, Cincinnati, O.
See adv index at end of book
Herring-Hall-Marvin Safe Co., Hamilton, Ohio

12853— Safes (Filing)

Art Metal Constr. Co. ("Art Metal"), Jamestown, N. Y.
Berger & Co., Canton, O.
Globe-Wernicke Co., 25 Carthage av, Cincinnati, O.
Meilink Mfg. Co. ("Meilink," for Office Building Equipment), Toledo, O.

12854—Safes (Fire & Burglar Proof)

Alpine Safe & Lock Co., 911 Freeman av, Cincinnati, O.
American Safe & Lock Co., Anderson, Ind.
Barnes Safe & Lock Co., 941 Liberty av, Pittsburgh, Pa.
Barnes Safe & Vault Co., 12 N 12th, Richmond, Va.
Baum J. Safe & Lock Co., 617 E Front, Cincinnati, O.
Cary Safe Co., Buffalo, N. Y.
Diebold Safe & Lock Co., Canton, O.
General Fireproofing Co., Youngstown, O.
Gross-Feibel Co., Hillsboro, O.

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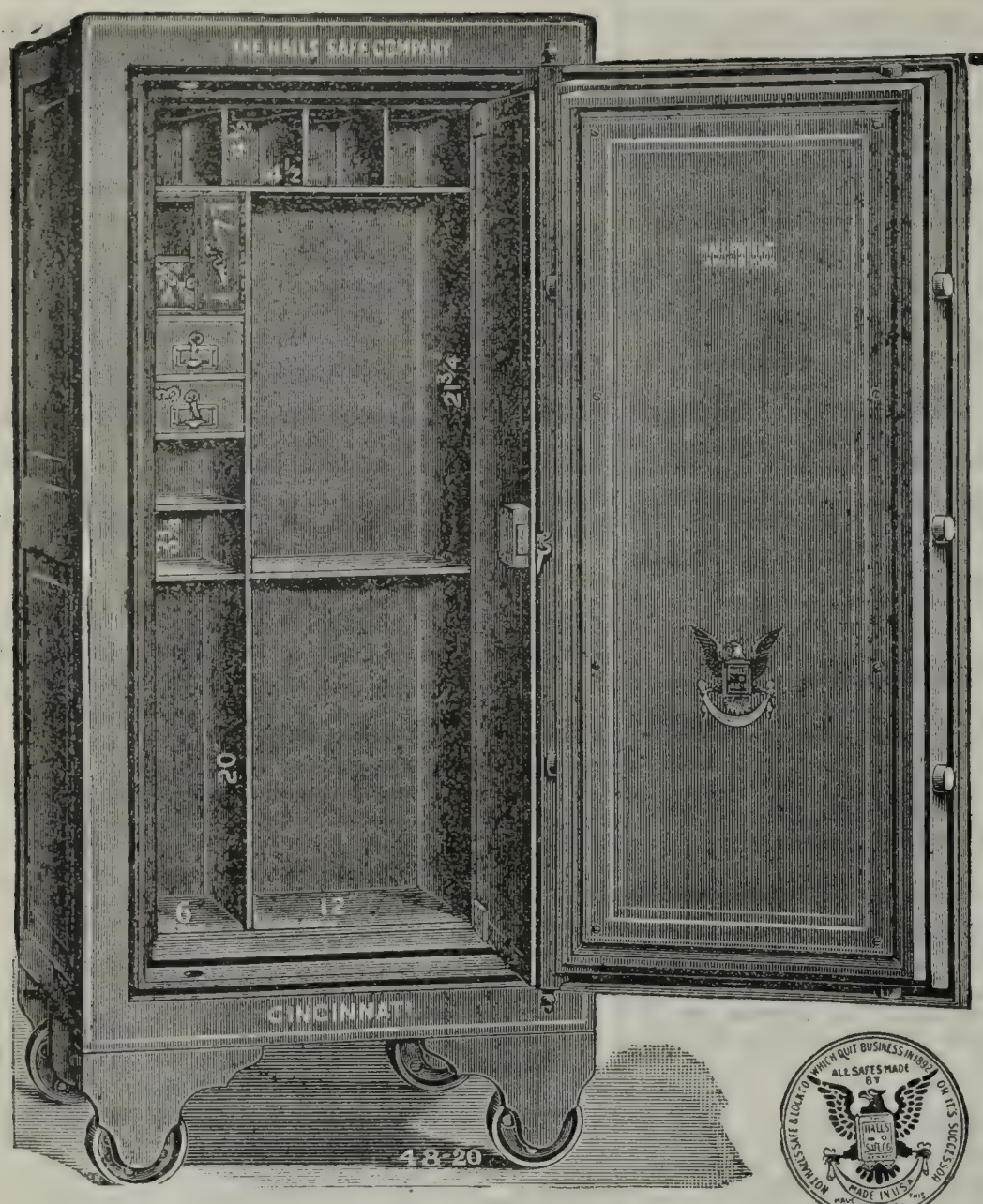

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New York Store, The Walker Safe Co., 388 Broadway

SAFES (FIRE & BURGLAR PROOF)—continued

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Harrigan Safe Co., Kansas City, Mo.
Harris S. H. Co., Chicago, Ill.
Hermann Safe Co., 126 Folsom, San Francisco, Cal.
Herring-Hall-Marvin Safe Co., Hamilton, O.
Meilink Mfg. Co. (Fire-proof Home Deposit Vaults), Toledo, O.
Miller Safe Co., Fremont av & Briscoe, Baltimore, Md.
Morris-Ireland Safe Co., 64 Sudbury, Boston, Mass.
Mosler Safe Co., Hamilton, O.
National Safe & Lock Co., Cleveland, O.
Norris Safe & Lock Co., Seattle, Wash.
Northwestern Safe Mfg. Co., Columbia Heights, Minneapolis, Minn.
Pittsburgh Safe Co., Connellsville, Pa.
Pixley Safe & Lock Co., Toledo, O.
Remington & Sherman Co., 359 B'way, New York
Schwab Safe Co., Lafayette, Ind.
Stewart Iron Works Co., Covington, Ky.
Stiffel & Freeman Co., 723 Chestnut, Phila., Pa.
Syracuse Safe Co., Syracuse, N. Y.
Victor Safe & Lock Co., Cleneay av & N & W Belt Line, Norwood, Cincinnati, Ohio
Victoria Safe & Lock Co., Victoria, Tex.
Waltz Safe & Lock Co., 233 California, San Francisco, Cal.
York Safe & Lock Co., York, Pa.

12855— Safes (House)

Diebold Safe & Lock Co., Canton, O.
HALL'S SAFE CO., 3253 Spring Grove av, Cincinnati, O.
See adv index at end of book
Meilink Mfg. Co., Toledo, O.
Wehrle Co., Newark, O.

12856—Safes (Manganese Steel)

Diebold Safe & Lock Co., Canton, O.
HALL'S SAFE CO., 3253 Spring Grove av, Cincinnati, O.
See adv index at end of book
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.
York Safe & Lock Co., York, Pa.

12857— Safes (Match)

Arcade Mfg. Co. ("Champion"), Freeport, Ill.
Barnes-Ross Co. ("BIR"), Indianapolis, Ind.
Behrend & Rothschild, 353 B'way, New York
Bogert & Hopper (Advertising), 67 Barclay, New York
Buffalo Mfg. Co., Buffalo, N. Y.
Carrington & Co. (Pocket), 42 Walnut, Newark, N. J.
Cassady Fairbank Mfg. Co. ("Acorn"), 6126 S La Salle, Chicago, Ill.
Central Specialty Mfg. Co., 508 S Peoria, Chicago, Ill.
Central Stamping Co. ("Puritan"), 172 Fulton, New York
Eclipse Gas Stove Co. ("Eclipse"), Rockford, Ill.
Ensign F. V. (Nickel & Gift), Elmira, N. Y.
Estes E. B. & Sons (Advertising), 364 5th av, New York
See adv index at end of book
Forsyth Metal Goods Co., E. Aurora, N. Y.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Grey Iron Casting Co. ("Demon," Safety, etc), Mt. Joy, Pa.
Hess & Son ("Holdfast"), Watkins bldg, Phila., Pa.
Houchin Thos. W. Co. (Brass), 36 E 12th, New York
Kohler Die & Specialty Co. ("Deaton"), De Kalb, Ill.
Manhattan Brass Co. (Brass), 332 E 28th, New York
Marble Arms & Mfg. Co. ("Marble's" Sportsman Waterproof), Gladstone, Mich.
National Enameling & Stamping Co., 411 5th av, New York
National Sheet Metal Co. (Stamped Nicheltus & Nickelene, Pocketproof & Stormproof, etc.), Peru, Ill.
Nicol & Co. ("Turtle"), 218 N Jefferson, Chicago, Ill.
Riley-Klotz Mfg. Co., 17 Mulberry, Newark, N. J.
Royal Mfg. Co. ("Royal Rustic"), Denckla bldg, Phila., Pa.
SCHIMPER WILLIAM & CO., 322-338 Ferry, Hoboken, N. J., & 33 Union sq, W New York
Searls Mfg. Co. ("Paletto"), 29 Mulberry, Newark, N. J.
Silver & Co., 304 Hewes, Brooklyn, N. Y.
Sternau E. & Co., 35 Gold, Brooklyn, N. Y.
Stover Mfg. Co. (Brass), Freeport, Ill.
Sweeney W. H. Mfg. Co., 30 Main, Brooklyn, N. Y.
Van Wert Novelty Co., Van Wert, Ohio
Williams A. C. Co., Ravenna, O.
Wrightsville Hardware Co., Wrightsville, Pa.

12858— Safes (Receiving)

For Street Railway Conductors' Trip Returns

Diebold Safe & Lock Co., Canton, O.
HALL'S SAFE CO. (For Conductor's Trip Returns), 3253 Spring Grove av, Cincinnati, O. *See adv index at end of book*
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
York Safe & Lock Co., York, Pa.

12859—Safes (Wall, Built In)

Diebold Safe & Lock Co., Canton, O.
HALL'S SAFE CO., 3253 Spring Grove av, Cincinnati, O.
See adv index at end of book
Meilink Mfg. Co., Toledo, O.
York Safe & Lock Co., York, Pa.

12860—Safes & Vaults (Wall)

Diebold Safe & Lock Co., Canton, O.
Lowrie Safe & Lock Mfg. Co. ("Lowrie," for Residences, Clubs, Offices, etc.), 400 N Oakley blvd, Chicago, Ill.
York Safe & Lock Co., York, Pa.

12861—Safety Deposit Boxes

Diebold Safe & Lock Co., Canton, O.
Fire-Proof Furniture & Construction Co., Miamisburg, O.
HALL'S SAFE CO., 3253 Spring Grove av, Cincinnati, O. *See adv index at end of book*
Mosler Safe Co., Hamilton, O.
National Safe & Lock Co., Cleveland, O.
York Safe & Lock Co., York, Pa.

12862—*Safety Devices (Punching Press, Etc.)

For Protecting Workmen

GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis. *See adv index at end of book*

12863—Safety Straps (Telephone & Telegraph Poles)

DIAMOND EXPANSION BOLT CO. ("Diamond"), 89 West, New York
See adv index at end of book

Safety Treads

See Stair Treads, Various Kinds

12863a—*Safety Treads (Wrought Steel)

American Mason Safety Tread Co., Lowell, Mass.

12864— Sails (Yacht)

Baker H. H. & Co., Buffalo, N. Y.
Cousens & Pratt, Neponset, Boston, Mass.
Curtin John (Inc.), 3 South, New York
Goss J. C. Co., Detroit, Mich.
Gromann Henry F., 320 Pearl, New York
Herreshoff Mfg. Co., Bristol, R. I.
McClellan Chas. P., Fall River, Mass.
Mills Andrew & Sons, 53 South, New York
Moore Benj. & Co., 27 South, New York
Pease L. F. Co., 7 Crawford, Providence, R. I.
Thomas Wm. E. & Co., 42 South, New York
Upson-Walton Co., 1294 W 11th, Cleveland, O. *See adv index at end of book*
Wilson & Silsby, Rowe's Wharf, Boston, Mass.

12865—Salad Sets (Forks & Spoons)

The Arlington Wks. (du Pont E. I. de Nemours & Co.), 21 E 40th, New York

12866— Salamanders

Channon Jas. H. Mfg. Co. ("Blazer"), 227 W Erie, Chicago, Ill.
Drouve G. Co., Bridgeport, Conn.
Eagle Iron Works ("May's"), 850 DeKalb av, Brooklyn, N. Y.
Fleck M., 119 E 131st, New York
Honhorst Joseph Co., 1016 W 6th, Cincinnati, O.
Howes S. M. Co., 42 Union, Boston, Mass.
Jackson Mfg. Co., Harrisburg, Pa.
See adv index at end of book
Keller A. E. (Mason's), 136 Beekman, New York
Littleford Bros., 444 E Pearl, Cincinnati, O.
Mostberger Iron Co. ("Buffalo"), 878 S Division, Buffalo, N. Y.
Munroe R. & Sons Mfg. Corp., 23d & Smallman, Pittsburgh, Pa.
North Star Ash Can Co. (Masons), 167 Chrystie, New York
Penn Foundry & Mfg. Co., Reading, Pa.
See adv index at end of book
Phillips Doup & Co., 60 Pearl, Brooklyn, N. Y.
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book

12867— Sal-Ammoniac

See Also Chemicals, Battery

Barrett Co., 17 Battery pl, New York
Bauer Philip Co. (Imp.), 68 Broad, New York
Baugh & Sons Co., 20 S Delaware av, Philadelphia, Pa.
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
General Chemical Co., 251 Broad, New York
Grasselli Chemical Co., Guardian bldg, Cleveland, Ohio

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CLEVELAND NEW YORK PHILADELPHIA

Hillier's R. Son Co. (Powdered), 100 William, New York. Works: Jersey City, N. J.
Innis, Speiden & Co., Inc. (Imported), 46 Cliff, New York
See adv index at end of book
Klipstein A. & Co., 644 Greenwich, New York
National Aniline & Chemical Co., Inc., 21 Burling Slip, New York
Roessler & Hasslacher Chemical Co. (White & Gray), 100 William, New York
Semet-Solvay Co., Syracuse, N. Y.
Tennant C. Sons & Co. of N. Y. (Importers), 100 William, New York
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

12868— Salicylate of Soda

British-American Chemical Co., 52 Vanderbilt av, New York
Butterworth-Judson Corp., 61 Broadway, New York
Heyden Chemical Wks., Garfield, N. J.
Pfizer Chas. & Co., 81 Maiden la, New York
Semet-Solvay Co., Syracuse, N. Y.

12869— Salol

Heyden Chemical Works, Garfield, N. J.

12870-1— Sal-Soda

American Chemical Co., 640 Carr, Cincinnati, O.
Bay Chemical Wks., North Point & Kearny, San Francisco, Cal.
Butterworth-Judson Corp., 61 Broadway, New York
California Soap Co., 2437 E 9th, Los Angeles, Cal.
Church & Dwight Co. (Also Concentrated Sal-Soda), 27 Cedar, New York
C. P. N. CHEMICAL CO., INC., 78 Reade, New York, 231 W Huron, Chicago, Ill.
Commercial Acid Co., Boatsman Bank bldg, St. Louis, Mo.
General Chemical Co., 25 Broad, New York
Grasselli Chemical Co., Guardian bldg, Cleveland, O.

THE HARSHAW FULLER & GOODWIN COMPANY
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Industrial Minerals Co., Inc., Monadnock bldg, San Francisco, Cal.
Iowa Soda Products Co., Council Bluffs, Iowa
Klipstein A. & Co., 644 Greenwich, New York
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Mechling Bros. Mfg. Co., Camden, N. J.
Morton Salt Co., 80 E Jackson blvd, Chicago, Ill.
Penn Chemical Works, 1322 Wash. av, Phila., Pa.
Penna. Salt Mfg. Co. (Also Laundry Soda), Widener bldg, Phila., Pa.
Reardon Jno. & Sons Co., Cambridge, Mass.
VERA CHEMICAL CO., North Milwaukee, Wis., & Stoneham, Mass., Burlington, Ont., Canada
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

12872-3— Salt Cake

See Also Salts, Glauber

Butterworth-Judson Corp., 61 Broadway, New York
CLINCHFIELD PRODUCTS CORP., 120 B'way, New York
Commercial Acid Co., Boatsman Bank bldg, St. Louis, Mo.
Contact Process Co., Buffalo, N. Y.
General Chemical Co. (Glass Makers), 25 Broad, New York
Grasselli Chemical Co. (For Glass Makers), Guardian bldg, Cleveland, O.
Kalbfleisch Corp., 31 Union sq, New York
National Zinc Co., 61 B'way, New York
Penna. Salt Mfg. Co. (Refined, For Glass Makers), Widener bldg., Phila., Pa.
Riverside Acid Works, Warren, Pa.
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

12874— Salt Mfrs.

Avery Rock Salt Mining Co., Scranton, Pa.
Barton Salt Co., Hutchinson, Kan.
Bevis Rock Salt Co., Wright bldg, St. Louis, Mo.
Bliss & Van Auken, Saginaw, Mich.
Bradley N. B. & Sons, Bay City, Mich.
Buckeye Salt Co., Pomeroy, O.
California Salt Co., Mills bldg, San Francisco, Cal.
Carey Salt Co., Hutchinson, Kan.
Cleveland Salt Co., 2295 Ashland rd, S E, Cleveland, O.
Colonial Salt Co., Akron, O.
Consumers Salt Co., Los Angeles, Cal.
Desert Crystal Salt Co., White Plains, Nev.
Diamond Crystal Salt Co., St. Clair, Mich.
Dickinson J. Q. & Co. ("Genuine Kanawha"), Malden, W. Va.
Eastern Salt Co., 186 State, Boston, Mass.
Eddy Bros. & Co., Bay City, Mich.
Ellsworth Salt Co., Ellsworth, Kan.
Empire Coarse Salt Co., Syracuse, N. Y.
Grand Saline Salt Co., Grand Saline, Tex.
Hartford City Salt Co., Hartford, W. Va.
Independent Salt Co., 44 Whitehall, New York
Inland Crystal Salt Co., Salt Lake City, Utah
Inland Delray Salt Co., Telegraph bldg, Detroit, Mich.
International Salt Co. (of New Jersey), 2 Rector, New York
International Salt Co. (of New York), Scranton, Pa.
Kneeland-Bigelow Co., Bay City, Mich.
Leroy Salt Co., Leroy, N. Y.
Mershon Eddy, Parker Co., Saginaw, Mich.
Michigan Salt Works, Marine City, Mich.
Morton Salt Co., 80 E Jackson blvd, Chicago, Ill.
Myles Salt Co. (Ltd.), 713 Whitney Central bldg, New Orleans, La., & Weeks, La.
North American Chemical Co., Bay City, Mich.
Ohio Salt Co., Wadsworth, O., & 100 Hudson, New York
Onondaga Coarse Salt Assn., Syracuse N. Y.
Peters R. G. Salt & Lumber Co., East Lake, Mich.
Robinson Jerh. P. & Co. (Imp.), 56 Beaver, New York
Salina Solar Coarse Salt Co., Syracuse, N. Y.
Solvay Process Co., Syracuse, N. Y.
Standard Salt & Cement Co., Duluth, Minn.
Stearns Salt & Lumber Co., Ludington, Mich.
Sterling Salt Co., 29 B'way, New York
Todd Salt Co. (Imp.), 407 E 8th, New York
Union Salt Co., Addison rd & L. S. & M. S. Ry., Cleveland, O.
Wadsworth Salt Co., Wadsworth, O.
Western Rock Salt Co., Wright bldg, St. Louis, Mo.
Worcester Salt Co., 71 Murray, New York

12875— Saltpetre

Battelle & Renwick ("Niagara" Refined Crystals, Granular & Powdered), 80 Maiden la, New York
Croton Chemical Co., 14 Cedar, New York
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
HERCULES POWDER CO., Wilmington, Del. *See adv index at end of book*

SALTPETRE—continued

Knowles-Bradley Co., 74 Wall New York
Ralli Bros. (Imp.), 11 William, New York
Takamine Laboratory, Inc. (Imp.), 120 B'way, New York
Thorkildsen-Mather Co., 111 W Monroe, Chicago, Ill.
White Thos. H. & Co. (Brokers), 11 S Gay, Baltimore, Md.
Wiarda John C. & Co. (Jobbers), 273 Greene, Brooklyn, N. Y.

Saltpetre (Chile)

See Nitrate of Soda

12876-7—*Saltpetre (Nitrate of Potassium)

DU PONT E. I. DE NEMOURS & CO., Wilmington, Del.
For branch offices see adv index at end of book
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

12878-9— Salt (Refuse)

Battelle & Renwick, 80 Maiden la, New York

12880— Salts (Aniline)

Berlin Aniline Works (Imp.), 213 Water, New York
Butterworth-Judson Corp., 61 Broadway, New York
Calco Chemical Co., Bound Brook, N. J.
Chemical Co. of America, 28 Platt, New York
Marden, Orth & Hastings Co., 61 B'way, New York
Midvale Chemical Works, 610 Locust, St. Louis, Mo.
Sparks John C., 30 Church, New York

12881— Salts (Chemical)

Doggett Stanley, 11 Cliff, New York
General Chemical Co., 25 Broad, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

12882— Salts (Copper)

Hanson & Van Winkle Co., 269 Oliver, Newark, N. J.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

12882a— Salts (Epsom)

See also Magnesium Sulphate

C. P. N. CHEMICAL CO., INC., 78 Reade, New York, & 231 W Huron, Chicago, Ill.
General Chemical Co., 215 Broad, New York

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

12883— Salts (Glauber's)

See also Sodium Sulphate

Bischoff C. & Co. (Imp.), 451 Washington, New York
Butterworth-Judson Co., 61 B'way, New York
Central Products Co., 1352 Wells, Chicago, Ill.
CLINCHFIELD PRODUCTS CORP., 120 B'way, New York
C. P. N. CHEMICAL CO., INC., 78 Reade, New York, & 231 W Huron, Chicago, Ill.
Ducas B. P. Co. (Imp.), 25 S William, New York
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
General Chemical Co. (And Nitre Cake), 25 Broad, New York
Grasselli Chemical Co., Guardian bldg, Cleveland, O.

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Hillier's R. Son Co. (Powdered), 100 William, New York. Works, Jersey City, N. J.
Iowa Soda Products Co., Council Bluffs, Ia.
Jobbins Wm. F. (Inc.), Aurora, Ill.
Katzenbach & Bullock Co., 100 William, New York
Mechling Bros. Mfg. Co., Camden, N. J.
Merrimac Chemical Co., 148 State, Boston, Mass.
National Zinc Co., 61 B'way, New York
Naugatuck Chemical Co., Naugatuck, Conn.
Pennsylvania Salt Mfg. Co., Widener bldg. Phila., Pa.
Powers-Weightman-Rosengarten Co., 91f Parrish, Philadelphia, Pa.
Pratt N. P., Atlanta, Ga.
Thomsen Chemical Co., Munsey bldg, Baltimore, Md.
Wiarda John C. & Co. (Jobbers), 273 Greene, Brooklyn, N. Y.

12884— Salts (Manure)

German Kali Works (Imp.), 42 B'way, New York

12885— Salts (Nickel)

See Also Nickel Sulphate; also Nickel Ammonium Sulphate

Day S. A. Mfg. Co. (Dealers), 1483 Niagara Buffalo, N. Y.
Finkell Wm. T. ("Peerless" Dealer), 103 Maiden la, New York
Finkell-Hachmeister Chemical Co. (Chinisol"), 1910 Forbes, Pittsburgh, Pa.
Fuerst Bros. & Co. (Imp.), 2 Stone, New York
Hanson & Van Winkle Co., 269 Oliver, Newark, N. J.

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

International Nickel Co., 43 Exchange pl, New York
Neubeck Adolf (Plating), Buffalo, N. Y.
Roessler & Hasslacher Chemical Co. ("Trisalyt" Metallic Triple Salt for Electroplating), 100 William, New York
U. S. Chemical Co. (Black), 3621 Lakeside av, N E, Cleveland, O.
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

12886— Salts (Platinum)

American Platinum Wks., Oliver st & N J RR av, Newark, N. J.
Roessler & Hasslacher Chemical Co., 100 William, New York

12886a— Salts (Rochelle)

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

12887—Sample Cases (Jewelry)

Rueckert Mfg. Co., 162 Clifford, Providence, R. I.

12887a— Sample Cases & Bags

Ajax Trunk & Sample Case Co., 150 W 18th, New York
Belber Trunk & Bag Co., 1641 N Hancock, Philadelphia, Pa.
Cutter & Cutter, 26 Chauncy, Boston, Mass.
Diamond Nicholas & Co., 616 W Adams, Chicago, Ill.
Fibre Case & Novelty Co., 274 Church, N. Y.
Headley & Farmer Co., Newark, N. J.
Katz Bros. Leather Goods Co., 135 W 20th, N. Y.
Likly Henry & Co., Rochester, N. Y.
Seitz J. H & Son, 414 Brown, Phila., Pa.
Warren Leather Goods Co., Worcester, Mass.
Winship W. W. & Sons, Co., Utica, N. Y.

12888—Samplers (Coffee, Etc.)

Sanders, Frary & Clark, New Britain. Conn.

12889— Samplers (Grain)

Minneapolis Brass & Iron Mfg. Co., 115 N 9th, Minneapolis, Minn.
Moore & Lorenz Co., 2144 W Fulton, Chicago, Ill.

12890— Samplers (Ore)

Braun Corporation, Los Angeles, Cal.
Braun-Knecht-Heimann Co. ("Braun"), 576 Mission, San Francisco, Cal.
Denver Engineering Works Co., Denver, Col.
Denver Fire Clay Co. ("Jones," "Core"), Denver, Colo.
Dillon-Box Iron Works Co. ("Brunton"), Denver, Colo.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book
Traylor Engineering & Mfg. Co., Allentown, Pa.

12890a—*Sand Blast Accessories

Hoevel Mfg. Corp., 50 Church, New York
See adv index at end of book

12891—*Sand Blast Equipment

Patented HOEVEL SANDBLAST MACHINES Patented
DUSTLESS SANDBLAST ROOMS
ROTARY TABLE MACHINES
REVOLVING BARREL MACHINES
Hose Sandblast and all other Sandblast Equipment and Accessories
HOEVEL MANUFACTURING CORPORATION
HUDSON TERMINAL BLDG. NEW YORK CITY

Hoevel Mfg. Corp., 50 Church, New York
See adv index at end of book
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
MacLeod Co. (Machines, Helmets, Cabinets, etc.), 2227 Bogen, Cincinnati, O.
See adv index at end of book

12891a—*Sand Blast Exhaust System

Hoevel Mfg. Corp., 50 Church, New York
See adv index at end of book

12891b—*Sand Blast Revolving Barrels

Hoevel Mfg. Corp., 50 Church, New York
See adv index at end of book

12891c—*Sand Blast Rotary Table

Hoevel Mfg. Corp., 50 Church, New York
See adv index at end of book

12892—*Sand Blast Systems

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
MacLeod Co. (Exhaust System), 2227 Bogen, Cincinnati, O.
See adv index at end of book

12893— Sand (Core)

See also Sand, Molding or Foundry

Berkshire Glass Sand Co., Cheshire, Mass.
Downer S. W., Downer, N. J.
Humphreys E. C. Co., Book bldg, Detroit, Mich.
Jackson Sand Mining Co., Jackson, O.
Newport Sand Bank Co., Newport, Ky.
Paxson J. W. Co., 1021 No. Delaware av, Philadelphia, Pa.
Reynolds E. J. Sand Co., Utica, Ill.
Tavern Rock Sand Co., 612 N 2d, St. Louis, Mo.
U. S. Silica Co., 122 S Michigan av, Chicago, Ill. *See adv index at end of book*
Utica Fire Sand Co., Utica, Ill.
Valentine M. D. & Bro. Co., Woodbridge, N. J.
Wausau Quartz Co, Wausau, Wis.

Wedron White Sand Co., Wedron, Ill.
Whitehead Bros. Co., 537 W 27th, New York

12894—Sand Excavating & Screening Plants (Portable)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Sauerman Bros., Monadnock blk, Chicago, Ill.

12895— Sand (Filtering)

Cape May Sand Co., Cape May, N. J.
International Filter Co., 38 S Dearborn, Chicago, Ill.
National Dredging & Lighterage Co., North American bldg, Phila., Pa.
New England Quartz Co. of N. Y., 107 William, New York
New York Continental Jewell Filtration Co., Nutley, N. J.
Portage Silica Co., Youngstown, O.
Steers Hy. Sand & Gravel Co., 17 Battery pl, New York
United States Silica Co., 122 S Michigan av, Chicago, Ill.
Wausau Quartz Co., Wausau, Wis.

12896— Sand (Furnace)

Berkshire Glass Sand Co., Cheshire, Mass.
Downer S. W., Downer, N. J.
Reynolds E. J. & Co., Utica, N. Y.
Tavern Rock Sand Co. (Fire & Furnace), 612 N 2d, St. Louis, Mo.
United States Silica Co., 122 S Michigan av, Chicago, Ill.
See adv index at end of book
Utica Fire Sand Co., Utica, Ill.

12897—Sand (Glass Makers')

Acme Glass Sand Co., Coxville, Ind.
Berkshire Glass Sand Co., Cheshire, Mass.
Brenan J. T., Robinson, Md.
Central Silica Co., Zanesville, O.
Crystal Sand Co., Bridgeton, N. J.
Derry Glass Sand Co., Latrobe, Pa.
Downer S. W., Downer, N. J.
Graham Glass Co., Evansville, Ind.
Kentucky Silica Co., Louisville, Ky.
New England Quartz Co., of N. Y., 107 William. N. Y.
Oneida Lime Co., Ltd., Buffalo, N. Y.
Pennsylvania Glass Sand Co., 341 4th av, Pittsburgh, Pa.
Pittsburgh White Sand Co., Farmers' Bank bldg, Pittsburgh, Pa.
Product Sales Co. (Jobbers), 32 S Calvert, Baltimore, Md.
Reading Sand Co., Bridgeton, N. J.
Reynolds E. J. Sand Co., Utica, Ill.
Round Top Glass Sand Co., Hagerstown, Md.
Sonnhalter Sand & Stone Co. Massillon, O.
Tavern Rock Sand Co., 612 N 2d, St. Louis, Mo.
United States Silica Co., 122 S Michigan av, Chicago, Ill.
See adv index at end of book
Utica Fire Sand Co., Utica, Ill.
Wedron White Sand Co., Wedron, Ill.
Winfield Sand & Mineral Co., 2nd National Bank bldg, Pittsburgh, Pa.

12898— Sand (Granite)

Combs Granite Co. Lithonia, Ga.
Stowell Mfg. Co., Culver av, Jersey City, N. J.

12899—Sand Handling Plants

Bartlett C. O. & Snow Co., French st, Cleveland, O.
See adv index at end of book
Heyl & Patterson, 51 Water, Pittsburgh, Pa.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
McMyler-Interstate Co., Bedford, O.
Stephens-Adamson Mfg. Co., Aurora, Ill.

12900—Sand (Molding or Foundry)

See also Foundry Facings & Supplies

Albany Sand & Supply Co., Albany, N. Y.
Ayres Mineral Co., Zanesville, O.
Beach City Silica Sand Co. (Silica), Beach City, O.
Berkshire Glass Sand Co., Cheshire, Mass.
Buckeye Products Co., 919-925 W 5th, Cincinnati, O. *See adv index at end of book*
Cape May Sand Co., Cape May City, N. J.
Crystal Springs Sand Co., Canal Fulton, O.
Downer S. W., Downer, N. J.
Enterprise Sand Co., Fulton bldg, Pittsburgh, Pa.
Evers Jno. Estate, Waterford, N. Y.
Federal Foundry Supply Co., 2639 E 79th, Cleveland, O.
Garden City Sand Co., Chamber of Commerce bldg, Chicago, Ill.
Geauga Silica Sand Co., Schofield bldg, Cleveland, O.
Gordon Sand Co., Inc., Conneaut, O.
Humphreys E. C. Co., Book bldg, Detroit, Mich.
International Silica Co., Cairo, Ill.
Jackson Sand Mining Co., Jackson, O.
Keener H. A. (Molding), Hartman bldg, Columbus, O.
Kentucky Silica Co., Louisville, Ky.
Keystone Foundry Supply Co., Buffalo, N. Y.
Kiamensi Clay Co., Newport, Del.
McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.
Massillon Sand & Stone Co., Massillon, O.
Mont Alto Sand Co., Waynesboro, Pa.
National Sales Co., 31 E 13th, Cincinnati, O.
New England Quartz Co. of N. Y., 107 William, New York
Newport Sand Bank Co., Newport, Ky.
New York Sand & Facing Co., 106 Grand av, Brooklyn, N. Y.
Oliver Silica Sand Co., Massillon, O.
Oneida Lime Co., Ltd., Buffalo, N. Y.
Paxson J. W. Co., 1021 N Delaware av, Phila., Pa.
Peerless Sand Co., Oliver bldg, Pittsburgh, Pa.
Pettinos Chas. E., 25 Church, New York
Pittsburgh White Sand Co. (Brick Molding Only), Farmers' Bank bldg, Pittsburgh, Pa.
Portage Silica Co. (Steel Casting), Youngstown, O.
Rapp A. C. Co., Phillipsburg, N. J.
Raritan Ridge Clay Co., Metuchen, N. J.
Reynolds E. J. Sand Co., Utica, Ill.
Round Top Glass Sand Co., Hagerstown, Md.
Sandusky Sand Co., Sandusky, O.
Silican Products Co., Lancaster, Pa.
Squier Ed. E. Co., Federal Reserve Bank bldg, St. Louis, Mo.
Standard Sand & Machine Co., 5150 St. Clair av, Cleveland, O.
Stevens Frederick B., 3d & Larned, Detroit, Mich.
Superior Sand Co., Cuyahoga bldg, Cleveland, O.
Tuscora Sand & Coal Co. ("Tuscora"), 719 Prospect, Hippodrome bldg, Cleveland, O.
United States Silica Co., 122 S Michigan av, Chicago, Ill.
Utica Fire Sand Co. (Steel Molding & Core Sand), Utica, Ill.
Walker Sand Co., West Springfield, Pa.
Wausau Quartz Co., Wausau, Wis.
Wedron White Sand Co., Wedron, Ill.
Whitehead Bros. Co. (Albany, French, Fire, Core, etc), 537 W 27th, New York

12900a—*Sand (Painters' Colored)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

12901— Sand (Pure White)

Berkshire Glass Sand Co., Cheshire, Mass.
Raritan Ridge Clay Co. (Fine White & Yellow Kiln-Setting), Metuchen, N. J.
United States Silica Co., 122 S Michigan av, Chicago, Ill.

12902— Sand (Sand Blast)

Albany Sand & Supply Co., Albany, N. Y
Cape May Sand Co., Cape May, N. J.
Downer S. W., Downer, N. J.
Hill & Griffith Co. ("Koro"), 1248 State, Cincinnati, O., & Birmingham, Ala.
See adv index at end of book
Jackson Sand Mining Co., Jackson, O.
Kiamensi Clay Co., Newport, Del.
National Dredging & Lighterage Co., North American bldg, Phila., Pa.
New England Quartz Co. of N. Y., 107 William, New York
Obermayer S. Co., 2563 W. Chicago, Ill.
Portage Silica Co., Youngstown, O.
Product Sales Co., 32 S Calvert, Baltimore, Md.
Squire Edw. E. Co., Federal Reserve Bank bldg, St. Louis, Mo.
United States Silica Co., 122 S Michigan av, Chicago, Ill.
Whitehead Bros. Co., 537 W 27th, New York

12903— Sand (Silica)

Acme Glass Sand Co., Coxville, Ind.
Beach City Silica Sand Co., Beach City, Ohio
Bertolet & Hunter, Temple, Pa.
Central Silica Co., Zanesville, O.
Century Fuel Co., 328 W 37th, Chicago, Ill.
Doggett Stanley, 11 Cliff, New York
Downer S. W., Downer, N. J.
Everhard Co., Massillon, O.
Fox C. M., Ridgeway, Pa.
Franklin Silica Sand Co., Franklin, Pa.
Garden City Sand Co. (Also White), Chamber of Commerce bldg, Chicago, Ill.
Gray Summit White Sand Co., Boatmen's Bank bldg, St. Louis, Mo.
Greenville Silica Co., Greenville, Pa.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Humphreys E. C. Co., Book bldg, Detroit, Mich.
Illinois Valley Silica Co. (Crushed & Screened), Ottawa, Ill.
International Silica Co., Cairo, Ill.
Jackson Sand Mining Co., Jackson, O.
Kentucky Silica Co., Louisville, Ky.
Massillon Sand & Stone Co., Massillon, O.
National Sand & Stone Co., Niles, O.
New England Quartz Co. of N. Y., 107 William, New York
Ohio Silica Co., East Liverpool, O.
Oliver Silica Sand Co., Massillon, O.
Oneida Lime Co., Ltd., Buffalo, N. Y.
Ottawa Silica Co. (Washed White Flint Sand), Ottawa, Ill.
Pennsylvania Glass Sand Co. (White Rock), 341 4th av, Pittsburgh, Pa.
Perth Amboy Fire Brick Co., 114 Liberty, New York
Pittsburgh White Sand Co., Farmers' Bank bldg, Pittsburgh, Pa.
Portage Silica Co., Youngstown, O.
Red Wing Filter Sand Co., Red Wing, Minn.
Reynolds E. J. Sand Co. (White), Utica, Ill.
Silican Products Co., Lancaster, Pa.
Sonnhalter Sand & Stone Co., Massillon, Ohio
Squier Ed. E. Co., Federal Reserve Bank bldg, St. Louis, Mo.
Stewart-Peck Sand Co., Amer. Bank bldg, Kansas City, Mo.
Summit Silica Co., Barberton, O.
Tavern Rock Sand Co., 612 N 2d, St. Louis, Mo.
U. S. Silica Co. (Washed White Flint Sand), 122 S Michigan av, Chicago, Ill.
Wausau Quartz Co., Wausau, Wis.
Winfield Sand Co., 2d National Bank bldg, Pittsburgh, Pa.

12904— Sand (Stone Sawing)

Reynolds E. J. Sand Co., Utica, Ill.
Steers Hy. Sand & Gravel Co., 17 Battery pl, New York
Tavern Rock Sand Co., 612 N 2d, St. Louis, Mo.
Utica Fire Sand Co., Utica, Ill.

12905—Sand Towers & Storage Tanks

Link-Belt Co., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry., Phila. Pa. *See adv index at end of book*
Robertson Wm. & Co. ("Robertson," for Railroad Use; also Sand Dryers), 20 W. Jackson blvd, Chicago, Ill.

12906— Sand Washers

Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
Bonney Supply Co. (Also Gravel), Livingston bldg, Rochester, N. Y.
Dull Raymond W. Co. (Also Gravel), 111 W Washington, Chicago, Ill.

SAND WASHERS—continued

Lewistown Foundry & Machine Co., Lewistown, Pa.
Link-Belt Co., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry., Pa. *See adv index at end of book*
Ransome Leach Co., 115 B'way, New York
Stocker Concrete Material Washer Co. (Also Gravel), Highland, Ill.
Webster Mfg. Co., Tiffin, O.

12907—Sand & Gravel Dealers

Aetna Sand & Gravel Co., 7159 Normal, Chicago, Ill.
American Sand & Gravel Co., Chamber of Commerce bldg, Chicago, Ill.
American Sand & Gravel Co., Erie, Pa.
Arundel Sand & Gravel Co. (Washed Gravel & Sand), Pier 2 Pratt, Baltimore, Md.
Atlantic Coast Sand Co. (Sea Sand), 24 Stone, New York
Atlas Coal & Supply Co., Binghamton, N. Y.
Atlas Mixed Mortar Co., Ry. Exch. bldg, Portland, Ore.
Atwood-Davis Sand Co. (Producers), 112 W Adams, Chicago, Ill.
Balfour Quarry Co., Asheville, N. C.
Banner Coal & Sand Co., R. I. & Wabash & Euclid, St. Louis, Mo.
Barnes Sand & Gravel Co., Portsmouth, O.
Bay Development Co., 153 Berry, San Francisco, Cal.
Bedford & Nugent (Screened Ohio River), Evansville, Ind.
Biesanz Stone Co., Winona, Minn.
Bos John N., 118 N La Salle, Chicago, Ill.
Boston Sand & Gravel Co., 88 Broad, Boston, Mass.
Brookhaven Gravel Co., Brookhaven, Miss.
Brown Chas. R., Syracuse, N. Y.
Brown-Stone Store Co., Waltonville, Pa.
Buckeye Dredging Co. (Sand & Pea & Roofing Gravel), Kimball & Mitchell, Columbus, O.
Builders' Material Supply Co., Kansas City, Mo.
Bull Creek Sand & Gravel Co. (Washed Gravel & Sand), Columbus, Ga.
Bunker G. W. Co., Grand Rapids, Mich.
Burke Andrus Sand Co., Fort Smith, Ark.
Cadillac Sand & Gravel Co., Nicholas bldg, Toledo, O.
California Building Material Co., New Call bldg, San Francisco, Cal.
Carmichael Wm. P. Co., Williamsport, Ind.
Carroll Bros., Ellicott sq, Buffalo, N. Y.
Carroll J. E. Sand Co. (Gravel Pit), White bldg, Buffalo, N. Y.
Carroll Sand Co., White bldg, Buffalo, N.Y.
Cary Sand & Gravel Co., 127 N Dearborn, Chicago, Ill.
Chattanooga Sand & Supply Co., Chattanooga, Tenn.
Chicago Gravel Co., 343 S Dearborn, Chicago, Ill.
Citizens Sand & Gravel Co., Toledo, O.
Clarke Wm. Wirt & Son, Monument & Forrest, Baltimore, Md.
Columbia Granite & Dredging Corp., 3036 K. N W, Washington, D. C.
Concrete Stone & Sand Co., Youngstown, O.
Cook & Laurie Gravel Co., Montgomery, Ala.
De Frain Sand Co., Beach & Berks, Phila., Pa.
Des Moines River Gravel Co., Harvey, Ia.
Dick Sand Co., Franklin, Pa.
Do Ville Lake Sand & Gravel Co., Toledo, Ohio
Elliott Cedar River Gravel Co., Seattle, Wash.
Empire Limestone Co., 19 Hudson, Buffalo, N. Y.
Erie Sand & Gravel Co., Erie, Pa.
Esson Sand & Gravel Co., 111 W Wash., Chicago, Ill.
Evansville Sand & Gravel Co. (Screened Ohio River), Evansville, Ind.
Everett Sand & Gravel Co., Everett, Wash.
Everhard Co., Massillon, O.
Fitzgerald J. W. Co., Savannah, Ga.
Flanagan-Zeller Brick & Mfg. Co., Kansas City, Mo.
Fleming Alfred J., 109 Broad, New York
Garden City Sand Co., Chamber of Commerce bldg, Chicago, Ill.
Ginn Co., Ironton, O.
Goodwin-Gallagher Sand & Gravel Corp., 61 B'way, New York
Grant Gravel Co., Flatiron bldg, San Francisco, Cal.
Greenville Gravel Co., Greenville, O.
Guadalupe River Navigation Co. (Washed & Screened), Victoria, Tex.
Halliday H. H., Cairo, Ill.
Harrison Bros. Co., Tacoma, Wash.
Homegardner Sand Co., Sandusky, O.
Hunkins-Willis Lime & Cement Co., Century bldg, St. Louis, Mo.
Independent Gravel Co. (Flint Mine Screenings), Webb City, Mo.
Ingram W. T., Jeffersonville, Ind.
Interstate Material Co., Davenport, Ia.
Iron City Sand Co., Bessemer bldg, Pittsburgh, Pa.
Janesville Sand & Gravel Co., Janesville, Wis.
Joliet Sand & Gravel Co., 343 S Dearborn, Chicago, Ill.
Keating J. L. Co., 236 E. 35th, New York
Keener Sand & Clay Co., Hartman bldg, Columbus, O.
Kelley Island Lime & Transport Co. (Washed Sand, etc), Cleveland, O.
Kickapoo Sand & Gravel Co., Attica, Ind.
King J. B. & Co., 17 State, New York
Kings Crown Plaster Co., Cedar Rapids, Ia.
Lake Erie Sand Co., Sandusky, O.
Lake Sand Co., 19 S La Salle, Chicago, Ill.
Lake Shore Sand & Gravel Co., Cuyahoga & W 3d, Cleveland, O.
Lawrence Sand Co., New Castle, Pa.
Lorain Sand & Gravel Co., Lorain, O.
Lyman Sand Co. (Sand Only), Omaha, Neb.
Meremec-Portland Cement & Material Co., St. Louis, Mo.
Mich. Portland Cement Paving Co., Detroit, Mich.
Miller Co., Marshallton, Ia.
Millwood White Sand Co. (White), Jackson, O.
Milwaukee Sand & Gravel Co., 779 N Water, Milwaukee, Wis.
Mont Alto Sand Co., Waynesboro, Pa.
Murray Jos. & Co. (Rockaway White Sand), 263 Av C, New York
Musterfield Sand & Gravel Co., Richmond, Va.
National Dredging & Lighterage Co., North American bldg, Phila., Pa.
New Lexington Sand Co., New Lexington, Ohio
Niles Sand Gravel & Rock Co., 704 Market, San Francisco, Cal.
O'Brien Bros., Inc. (Gravel), 54 South, New York
Ogle Bros. (Washed), 3829 10th av, Seattle, Wash.
Ohio River Sand Co., Louisville, Ky.
Ohio & Mich. Sand & Gravel Co., Toledo, Ohio
Oklahoma Supply & Navigation Co., Muskogee, Okla.
Palmyra Sand Co., Palmyra, N. Y.
Pelee Island Sand & Gravel Co., 1800 Scranton rd, Cleveland, O.
Peoples Bros. (Bar, White & Washed), 25th & Callowhill, Phila., Pa.
Perry-Victoria Sand Co., Buffalo, N. Y.
Perth Amboy Fire Brick Co. (Building Sand), 114 Liberty, New York
Petersburg Sand & Gravel Corp., Petersburg, Va.
Phoenix Sand & Gravel Co., 21 E 40th, New York
Pioneer Sand & Gravel Co. (Washed & Screened Sand & Gravel), Seattle, Wash.
Portage Silica Co., Youngstown, O.
Rapp A. C. Co., Phillipsburg, N. J.
Raritan Ridge Clay Co., Metuchen, N. J.
Richardson Sand Co., 6647 Ridge av, Chicago, Ill.
Richmond Sand & Gravel Co., Richmand, Va.
Ridgeview Sand Co., Oil City, Pa.
River Sand Co., Niagara Falls, N. Y.
Rock Island Sand & Gravel Co., Rock Island, Ill.
Rodgers Sand Co., Wood & Water, Pittsburgh, Pa.
Rosser Chas., Bellaire, O.
Savage-Scofield Co., Tacoma, Wash.
Seattle Sand & Gravel Co., Seattle, Wash.
Sherman-Moore Co., Lowell, Mass.
Silver Creek Sand Co., Silver Creek, N. Y.
Slider E. T. (Engine, Furnace, Concrete & Brick Sand and Concrete & Roofing Gravel), New Albany, Ind.
Smith Clarence L. Co., 30th & 11th av, New York
Somerset Stone Co., Johnstown, Pa.
Southern Paving Gravel Co., Savannah, Ga.
Southern Sand & Gravel Co., Richmond, Va.
Squier Ed. E. Co., Federal Reserve Bank bldg, St. Louis, Mo.
Star Sand Co., Board of Trade bldg, Portland, Ore.
Steers Hy. Sand & Gravel Co., 17 Battery pl, New York
Stewart Sand Co., 615 Amer. Bank bldg, Kansas City, Mo.
Superior Sand Co., Cuyahoga bldg, Cleveland, O.
Tecumseh Gravel Co., Tecumseh, Mich.
Thompson Warner R., Detroit, Mich.
Trenton Sand & Gravel Co., Trenton, O.
Union Sand & Material Co., International Life bldg, St. Louis, Mo.
U. S. Coal, Gravel & Sand Co., Baton Rouge, La.
Utica Fire Sand Co. (Furnace, Glass, Molding, Core, Sawing & Washed Fire Sand), Utica, Ill.
Vanderbilt, E. D. Co., Hoboken, N. J.
Virginia Sand & Gravel Co., Petersburg, Va.
Warner Chas. Co. (Dredg & Shipper) I. O. O. F. bldg, Wilmington, Del.
Washed Sand & Gravel Co., 513 Lumber Exchange, Minneapolis, Minn.
Waterbury Sand & Gravel Co., Waterbury, Conn.
Waukesha Lime & Stone Co., Racine, Wis.
Webster Sand, Gravel & Construction Co. (Gravel Pit, etc), Lanesville, La.
Whidby Is. Sand & Gravel Co., Bellingham, Wash.
Whitehead Bros. Co., 537 W 27th, New York
Willapa Harbor Sand & Gravel Co., Raymond, Wash.
Wilson Sand & Supply Co., Huntington, W. Va.
Winfield Sand Co., 2d National Bank bldg, Pittsburgh, Pa.
Yahola Sand Co., Muskogee, Okla.

12908-9—Sand & Gravel Heaters & Dryers

See also Dryers, Various Kinds

American Blower Co., 1400 Russell, Detroit, Mich.
American Clay Machinery Co., S Walnut, Bucyrus, Ohio
American Process Co., 68 William, New York
Barber Asphalt Paving Co. ("Iroquois"), Land Title bldg, Phila., Pa.
BARTLETT C. O. & SNOW CO., French, Cleveland, O.
See adv index at end of book
Coatesville Boiler Works, Coatesville, Pa.
Connery & Co., 2d & Luzerne, Phila., Pa.
Cummer F. D. & Son Co., Superior Arcade, Cleveland, O.
See adv index at end of book
Dover Boiler Works; Sales Office, 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*

DYAR PORTABLE SAND, STONE & GRAVEL HEATER
CUTS COST OF HEATING & DRYING 50

Dyar Supply Co. ("Dyar"), Cambridge, Mass.
Handlan-Buck Mfg. Co. ("Champion"), 210-14 N 3d, St. Louis, Mo.
Honhorst Joseph Co. (Portable Gravel Dryers), 1016 W 6th, Cincinnati, O.
Indiana Foundry Co. ("Sutton" Dryer), Indiana, Pa.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Manitowoc Engineering Works, Manitowoc, Wis.
Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.
Punxsutawney Foundry & Machine Co. (Sand Dryers), Punxsutawney, Pa.
Renneburg E. & Sons Co., 2639 Boston, Baltimore, Md.
Roberts & Schaefer Co. ("Beamer"), 332 S Michigan av, Chicago, Ill.
Robertson Wm. & Co. (Dryers), 20 W Jackson blvd, Chicago, Ill.
Ruggles-Coles Engineering Co. (Dryers), 50 Church, New York

Russell Daniel Boiler Works, 93 Boston, Boston, Mass.
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Turl Iron & Car Co., Inc., The, 50 Broad, New York. Works: Newburgh, N. Y.
Union Iron Works, Hoboken, N. J.
Vissering Harry & Co. ("Vilvco"), 14 E Jackson blvd, Chicago, Ill.
Wellington Machine Co., Wellington, O.
Zelnicker Walter A. Supply Co., 325 Locust, St. Louis, Mo.

Sand & Gravel Plants (Complete)

See Sand Handling Plants

12910— Sandals (Asphalt)

Barber Asphalt Paving Co. ("Iroquois"), Land Title bldg, Phila., Pa.

12911—Sanders (Automobile)

Surface Grip Corp., 7 W German, Baltimore, Md.

Sanders (Track)

See Locomotive Sanders

12912—Sap Stain Preventive

Church & Dwight Co. ("Zenith," Anti-Sap Stain Powder), 27 Cedar, New York
Mathieson Alkali Works ("Eagle," "Thistle Brand" for Prevention of Sap-Stain or Bluing of Timber), 53 Canal, Providence, R. I.

12913— Saponifier

Penna. Salt Mfg. Co., Widener bldg, Phila., Pa.

12913a— *Sarcophagi

GORHAM CO., ARCHITECTURAL BRONZE, 5th av & 36th, New York
See adv index at end of book

12914— Sash Balance Mfrs.

Caldwell Mfg. Co., Rochester, N. Y.
Coleman Hardware Co. ("The Shumard"), **122 S Michigan av, Chicago, Ill.**
Columbian Hardware Co., Cleveland, O.
Edwards O. M. Co. (Railroad Car Sash Balance Rollers), Syracuse, N. Y.
Gardner Sash Pulley Co., 15 N Jefferson, Chicago, Ill.
McCord Mfg. Co. (For Car Windows), Detroit, Mich.
National Lock Washer Co., 65 Johnson, Newark, N. J.
Pullman Mfg. Co. ("Pullman" Unit Sash Balances), Rochester, N. Y.
Stearns E. C. & Co. ("Vanderbilt") 450 Oneida, Syracuse, N. Y.
Steiner & Voegtly Hdw. Co., 230 Diamond, Pittsburgh, Pa.

12915—Sash Bars (Wood & Metal Combined)

Coulson J. W. & Co., Columbus, O.

12916— Sash Bolt & Support

Smith & Egge Mfg. Co. ("Kings"), Bridgeport, Conn.

12917—Sash Bolts (Ventilating)

Gardner Sash Pulley Co., 15 N Jefferson, Chicago, Ill.

12917a—*Sash Cord Mfrs. (Steel)

ROEBLING'S JOHN A. SONS CO., Main Office: Trenton, N. J. Works: **Trenton & Roebling, N. J.**
See adv index at end of book

12918— *Sash Cord Mfrs. (Steel Wire)

AMERICAN STEEL & WIRE CO., (Tinned & Coppered), 208 S La Salle, Chicago, Ill. *See adv index at end of book*
MOON GEO. C. CO. ("Crescent"), Garwood, N. J. *See adv index at end of book*
Upson-Walton Co., 1294 W 11th, Cleveland, O. *See adv index at end of book*

12919—Sash, Door & Blind Mfrs.

Firms who have no mark in front of Names and also those indicated by (*) Star are Manufacturers; those indicated by a (†) Dagger are Dealers

ALABAMA.

ANNISTON—*Houser Lumber Co.
BIRMINGHAM—Jenkins Lumber Co.
CULLMAN—*Arnold Casper & Son
DECATUR—*Jervis Lumber Co.
ENSLEY—*Arnold Lumber Co.
FLORENCE—*Acme Lumber & Mfg. Co.
GADSDEN—*Southern Mfg. Co.
MOBILE—*Dixie Lumber Co.
*Turner F. C. & Co.

ARIZONA.

PHOENIX—Southwestern Sash & Door Co.
TUCSON—*Arizona Lumber & Mill Co.

ARKANSAS.

BRINKLEY—*Brinkley Car Works & Mfg. Co.
FORT SMITH—*Dyke Bros.
*Kenney Bros. (Wholesale)
*Mechanics Planing Mill Co.
LITTLE ROCK—Abeles C. T. & Co.
PINE BLUFF—*Sanders J. W.

CALIFORNIA.

ALAMEDA—*Plummer Geo. E. & Son
BAKERSFIELD—*Union Lumber Co.
BERKELEY—*Bruce Lumber & Mill Co.
EUREKA—*Eureka Sash, Door & Moulding Mills
FORTUNA—Humboldt Milling Co.
FRESNO—*Madary's Planing Mill
HEMET—Spaulding H. H.
HOBART MILLS—*Sierra Nevada Wood & Lumber Co. (Wholesale)
LONG BEACH—Dillman I. M.
LOS ANGELES—*Builders Supply Co
*California Door Co., 237 Central av
*California Planing Mill & Lumber Co.
Consolidated Lumber Co., Central bldg
*Crown Sash, Door & Mill Co., 2416 McPherson
Duncan D. D. & Co.
Graves Frank, Sash, Door & Mill Co.
Kerckhoff-Cuzner Mill & Lumber Co., 560 S Main
*Los Angeles Planing Mill Co.
***Pacific Coast Planing Mill Co., 3310 S Main**
*Pacific Sash & Door Co., 3310 S Main
Raphael H. Co. (Wholesale Dealers)
*Southern California Hardwood & **Mfg. Co., 1430 S Alameda.**
*Standard Door & Sash Co., 830 McGarry
NAPA—*Corlett Wm. H.
OAKLAND — *Burnham-Standeford Co., Wash'n c 1st
*California Door Co., c 16th & Wood
Pacific Coast Lumber & Mill Co. (Redwood & Oregon Pine, etc.), 2d c Grove
PASADENA—Kerckhoff-Cuzner Lumber Co.
*Pasadena Mfg. Co.
PETALUMA—Camm & Hedges Co.
PLACERVILLE—Beach S. G. & Sons
SACRAMENTO—*Burnett & Son
Sacramento Builders' Supply Co.
Sacramento Lumber Co.
Sacramento Planing Mill & Furniture Co.
SAN DIEGO—*Russ Lumber & Mill Co.
SAN FRANCISCO—California Door Co. (Wholesale Mfrs.), 43 Main
California Mill Co., 645 Bryant
California Sugar & White Pine Co., 1st Nat'l Bank bldg
Eureka Sash, Door & Moulding Mills, 1715 Mission
Hammond Lumber Co. (Wholesale Mfrs.), 260 California
Huber & Huber, 23 Spear
Sierra Nevada Wood & Lumber Co.
Wilson Bros. & Co., 110 Market
SAN JOSE—*Chase S. H. Lumber Co.
Hubbard & Carmichael Bros.
*Santa Clara Valley Mill & Lumber Co. (Wholesale)
SANTA ANA—Griffith Lumber Co.
Pendleton S. H. Lumber & Mill Co.
SANTA BARBARA—Union Mill Co.
SANTA CLARA—Pacific Mfg. Co. (Wholesale Mfrs.)
SANTA ROSA—Berka F.
STOCKTON—Simpson Gray Lumber Co.
Stockton Lumber Co.
WEED—*Weed Lumber Co. (California White Pine)

COLORADO.

COLORADO SPRINGS—Newton Lumber & Mfg. Co.
DENVER—English R. W. Lumber Co.
Hallack & Howard, Lumber Co.
McPhee & McGinnity Co.
GLENWOOD SPRINGS—Glenwood Lumber & Mfg. Co.
PUEBLO—King Investment & Lumber Co.
Newton Lumber & Investment Co.

CONNECTICUT.

BRIDGEPORT—Burritt A. W. Co., Knowlton & Arctic
Miller Frank Lumber Co.
DANBURY—Armstrong I. & Co.
Foster Bros.
GREENWICH—Greenwich Sash & Door Co.
HARTFORD—Andrews & Peck Co.
MERIDEN—Morehouse Bros. Co.
MIDDLETOWN—Loewenthal Gustav Co.
NEW BRITAIN—Rogers Sash & Door Co.
NEW HAVEN—Clark David H. Co., 166 Brewery
†Connecticut Sash & Door Co., 248 Park
Gibbud M. J. Co., 107 Water
†Greer Lumber Co., 247 Kimberly av
Hawthorne Lewis Co.
Sperry & Amos Co.
NORWALK—*Malkin A. R. & Co.
†Thompson Frederick W. Co.
NORWICH—†Chappel Edw. Co.
Crowell Fred C.
*Porter H. B. & Son
PUTNAM—Wheaton Building Lumber Co.
STAMFORD—St. John Wood Working Co.
TORRINGTON—*Hotchkiss Bros. Co.
WATERBURY—Brass City Lumber Co.
Smith J. E. & Co., 65 Benedict
Waterbury Lumber Co., 107 Meadow
WILLIMANTIC—†Hillhouse & Taylor

DELAWARE.

DOVER—Hartnett J. A. & Bro.
GEORGETOWN—Thoroughgood Co.
WILMINGTON — *Wilmington Sash & Door Co., Front & Madison

DISTRICT OF COLUMBIA.

WASHINGTON—Barber & Ross, 11th & G., N W
Barker Geo. M., 649 N. Y. av, N W
Crupper Jos. L., 13th & Ohio av, N W
Dyer William H., 13th c Ohio, N W
Libbey F. B., 3018 K, N W
Smith Thos. W., 1st & Indiana av, N W
Washington Woodworking Co., 200 12th, N W

FLORIDA.

APALACHICOLA—*Marshall John & Co.
GREENVILLE—Union Mfg. Co.
JACKSONVILLE — Doscher-Gardner Co. (Br'ch of New York City)
Forsyth Street Planing Mills
Halseman Julian C. Mfg. Co.
OCALA—Converse E. E.
PALATKA—Selden Cypress Door Co. (Wholesale Mfrs.)
PLANT CITY—Roux E. T. & Son
TAMPA—Detwiler J. H.

GEORGIA.

AMERICUS—Americus Construction Co.
ATLANTA—Colcord Lumber Co.
*Phoenix Planing Mill
†Williams S. A. Lumber Co.
Willingham's E. G. Sons
AUGUSTA—Augusta Lumber Co.
BURNT FORT—Buie J. C.
CARROLLTON—*New D. F.
CARTERSVILLE—Shaw L. F. & Sons Co.
CEDARTOWN—Hightower Planing Mill
COLUMBUS — Columbus Iron Works (Wholesale Mfrs.)
Dudley Sash, Door & Lumber Co.
Harvey W. T. Lumber Co.
CORDELE—Cordele Sash, Door & Lumber Co.

GEORGIA—continued
DALTON—Cherokee Mfg. Co.
Farrar Lumber Co.
DUNWOODY—Cheek J. U.
EAST POINT—East Point Lumber Co.
GRIFFIN—Gresham Mfg. Co.
LA GRANGE—Pike Bros. Lumber Co.
LAWRENCEVILLE—Ambrose J. A.
McDONOUGH—Carmichael Lumber Co.
MACON—Central Mfg. Co.
Massee & Felton Lumber Co,
Willingham Sash & Door Co.
MARIETTA—Black Builders Supply Co.
NEWMAN—Cole R. D. Mfg. Co.
NORMAN PARK—Butler, Horne & Co.
OCILLA—Ocilla Planing Mill
ROME—Marshall Mfg. Co.
THOMASVILLE—Kirby Planing Mill Co.
UNION CITY—Gates Bros. Co.
VALDOSTA—Valdosta Sash, Door & Variety Works
WASHINGTON—Washington Mfg. Co.
WEST POINT—Batson-Cook Co.

HAWAII.

HONOLULU—Lewers & Cooke (Ltd.)

IDAHO.

BOISE—Goreczky A.
Ridenbaugh W. H.
COEUR D'ALENE—Blackwell Lumber Co.

ILLINOIS.

ALTON—*Ginter-Wardein Co.
Winter H. L. Mfg. Co.
ANNA—Anna Lumber & Mfg. Co.
AURORA—Johns & Brown Co.
BELLEVILLE—Storck Geo. & Son
Teufel-Kloess Co.
BLOOMINGTON—*Minter Mfg. Co.
*White Sam'l R. Mfg. Co.
CHICAGO—*Anderson & Lind Mfg. Co., 2127 Iowa
Atchison Revolving Door Co., 53 W. Jackson
Avondale Sash & Door Co., 3515 Belmont av
Bahe, Edward J., 1820 Austin av
Bartelmann R. W. Co., 910 Weed
Behrer & Benson, 1545 E 63d
†Biggs A. Sash & Door Co., 4036 N California av
Bleck Wm. F. Co., 1846 N Lamon av
*Builders' Mfg. Co., 828 N Wells
Builders' Supply Co., 2228 W Madison
†Bursik & Krupka Co., 1919 S Fairfield av
California Mfg. Co., 2243 S Troy
*Chicago Sash, Door & Blind Mfg. Co., 1249 W North av
*Commercial Sash & Door Co., 4914 S Paulina
Cottage Grove Mfg. Co., 3912 Langley av
Curtis, Cornelius, 22d & Center av
*Dietsch A. Co., 2640 Sheffield av
*Dlouhy Vincent Sash & Door Co., 2138 Laflin
†Dodge H. B. & Co., 332 S Mich. av
Dreiske Wm. D., 3036 N Chicago av
Ehrhart Louis & Son, 2415 Fullerton av
*Englewood Sash & Door Co., 5935 Lowe av
Filer Edw. T., 5503 Wash. bl
Filip Meydrech & Co., 1420 W 21st
Foster-Munger Co. (Wholesale), 1404 W 37th
†Freese F. E., 3925 Armitage av
*Gardner Mill Co., 2415 Elston av
*Gauger John A. & Co. (Wholesale Mfrs.), 1434 W 22d
Gillespie Jno. Lumber Co., W 22d & Laflin
Gisselbrecht & Sator, 2025 N Mozart
Gosch Bros. & Sons, 6436 Wentworth av
Hartmann Sanders Co., 2155 Elston av
*Harty Bros. & Harty Co., 2100 Loomis
Hegener Rudolph Co., 9246 Harbor av
Heitmann Lumber Co., 5852 S Ashland av
Hess Frank & Sons, 2339 N California av
Hines Edw. Lumber Co., 2431 S Lincoln
Irving Park Sash & Door Co., 4254 N Crawford av
Johnson Jno. L., 4250 Lincoln av
King Patrick J., N Crawford av & Bloomingdale
Kraetzer Co., 1034 W 22nd
Lincoln Sash & Door Co., 1916 S Laramee av
*Lockwood & Strickland Co., 49th & Halsted
McEwen Building & Mfg. Co., 828 Wells
Manhattan Lumber Co., 8338 Coml. av
Mears-Slayton Lumber Co., 1237 Belmont av
Melrose Mill Co., 2707 Clybourn av
*Morgan Sash & Door Co. (Sash, Open, Glazed, Doors, Veneered Doors, Blinds & Shutters), 2287 Blue Island av
Morris Wm. & Sons Co., 1000 W 50th
*Nollau & Wolff Mfg. Co., 1711 Fullerton av
North Side Sash & Door Co., 1015 S California av
Paine Lumber Co., (Ltd.) 111 W Wash
Peterson C. E. Co., 4914 Wentworth av
Pilsen Sash & Door Co., 2926 W 26th
Radford Sash & Door Co., 1827 Prairie av
Ringwald F. A., 39 S La Salle
*Rinn Philip Co., Division & Crosby
Rittenhouse & Embree Co., 3500 S Racine av
*Roberts Sash & Door Co., 920 W 20th
Scheidt Mfg. Co., 4433 N Crawford av
Schroth & Ahrens Co., 1534 S Halsted
Schultz Alfred F., 10220 Vinc av
*Skowronski W. J., 8201 Colfax av
South Side Interior Finish Co., 5837 Laflin
*Standard Sash & Door Co., 5821 S Racine av
Struthers Mill Co., 3345 Grand av
Ullrich August G., 3864 Archer av
Union Interior Finish Co., 5319 S La Salle
*Von Platen & Dick Co., 2248 W Kinzie
Wabash Screen Door Co., 72 W Adams
Wheelock Lumber & Mfg. Co., 1751 N Maplewood av
Whitmore O. S. & Co., 850 N Spaulding av
Wilborn Jas. Jr., 2700 W Superior
Wilson Jas. G. Mfg. Co., 332 S Mich. av
Wright Chas. O., 3368 Elston av
DANVILLE—Lamm Edw. C.
DECATUR—Decatur Lumber & Mfg. Co.
Lyon Geo. S. & Sons Lumber & Mfg. Co.
DIXON—*Derr A. S. & Co.
ELGIN—*Rinehimer Bros. Mfg. Co.
FREEPORT—*Dirksen R. D.
HOOPESTON—Hoopeston Planing Mill Co.
JACKSONVILLE—Crawford Lumber Co.
JOLIET—*Alexander M.
Hacker C. Co.
Joliet Sash & Door Co.
KANKAKEE—Paulissen Mfg. Co.
LA SALLE—Hunter, Stevens & Co.
LINCOLN—Hungerford P. B.
MOLINE—Dimock, Gould & Co.
NAPERVILLE—Schwartz Charles L.
NORMAL—Metcalf E. J.
NORTH AURORA—Hartsburg & Hawksley Co.
OAK PARK—Bedard & Morency Mill Co.
OTTAWA—Sanders Bros. Mfg. Co.
Sinnott Bros.
PEKIN—Conklin-Reuling Co.
PEORIA—Best Mfg. Co.
Rogers Jas. T. & Co.
Rothan Geo. J.
Todhunter & Edmondson Co.
Wahlfeld Mfg. Co.
PERU—Maze W. H. Co.
QUINCY—Menke-Grimm Planing Mill Co.
Schutte Henry Sons
ROCKFORD—Rockford Builders' Supply Co.
ROCK ISLAND—Rock Island Sash & Door Works
Rock Island Wood Works
Volk Jno. & Co.
SPRINGFIELD—Power Chas. A.
STREATOR—Schlachter Philip Jr.
WAUKEGAN—Dow William H. Mfg. Co.
WEST CHICAGO—West Chicago Sash & Door Mfg. Co.

INDIANA.

ANDERSON—Atherton M. Sons
Salling N. P.
BERNE—Berne Lumber Co.
Gilliom Lumber Co.
BLOOMINGTON—Fulwider W. A. Co.
Lanum S. O. Planing Mill Co.
BOONVILLE—White C. P. Lumber Co.
BRAZIL—Halstead J. N. Lumber Co.
Wilder E. D. & Co.
BROOKVILLE—Fieber & Holmes
CANNELTON—Cannelton Planing Mill Co.
COLUMBUS—Dunlap & Co.
Hege & Co.
CRAWFORDSVILLE—Smith & Duckworth
DECATUR—Kirsch Peter
ELNORA—Meicheimer G. T.
EVANSVILLE—Cottage Building Co.
Evansville Planing Mill Co.
Evansville Sash & Door Co. (Wholesale Mfrs.)
McFerson & Foster Co.
Mechanics' Planing Mill Co.
Rechtin T. E.
FORT WAYNE—*Fort Wayne Builders Supply Co.
Fort Wayne Lumber Co.
Rhinesmith & Simonson
FRANKFORT—Deming & Thompson Co.
Kramer Bros. Co.
GARRETT—Allman N. R. & Sons
GOSHEN—Goshen Sash & Door Co.
GREENCASTLE—Grubb Geo. W.
HUNTINGTON—Kenower John & Sons
INDIANAPOLIS—Adams-Rogers Co.
*Balke & Krauss Co.
Brannum-Keene Lumber Co.
Capitol Lumber Co.
Carter-Lee Lumber Co., 1621 W Washington
*Dynes-Pohlman Lumber Co.
Eaglesfield & Shepard
Foster R. S. Lumber Co.
Indianapolis Mfrs' & Carpenters' Union
†Maas-Neimeyer Lumber Co.
Wilkinson Allen A. Lumber Co. (Wholesale Mfrs.)
JASPER—Schaaf & Schnaus Mfg. Co.
KOKOMO—Armstrong, Landon Co.
*Moore & Danner
LADOGA—*Huntington & Son
LAFAYETTE—*Lafayette Lumber Co.
LA PORTE—*La Porte Sash & Door Co.
LEBANON—Campbell-Smith-Ritchie Co.
LEWISVILLE—Smith R. R. Sons
LOGANSPORT—Parker & Johnston
MICHIGAN CITY—Root Mfg. Co.
NEW PALESTINE—*Madison Jas.
NORTH VERNON—*Miller J. H.
PRINCETON—Ford Lumber Co.
RICHMOND—Louck & Hill Co.
SEYMOUR—Carter, Travis Co.
Seymour Planing Mill Co.
SOUTH BEND—Donahue J. E. Lumber Co.
Eckler Henry Mfg. Co.
Indiana Lumber & Mfg. Co.
McErlain & Jackson Co.
TELL CITY—*Tell City Planing Mill
TERRE HAUTE—Kintz P. C. & Sons
VALPARAISO—*Bell E. A.
WABASH—Smith Hubbard Lumber Co.
WARSAW—Peterson Lumber Co.
WASHINGTON—Cosby Overton M.
*McKernan Hugh

IOWA.

BOONE—Wester S. J. Mfg. Co.
BURLINGTON—Nairn, Gillies Co. (Wholesale Mfrs.)
CALMAR—Calmar Mfg. Co.
CEDAR FALLS—Weisbard C. C.
CEDAR RAPIDS—Cedar Rapids Sash & Door Co.
Disbrow Sash & Door Co. (Wholesale Mfrs.)
Williams & Hunting Co. (Sash & Mouldings)
CHARLES CITY—*Smith George P. Co.
CLINTON—Curtis Bros. & Co. (Wholesale)
DAVENPORT—Gordon, Vantine Co.
*McClelland T. W. Co. (Sash & Doors Only)
*Stelling P. J. & Co.
DES MOINES—Carr & Baal Co. (Wholesale Mfrs.)
Loetscher & Burch Mfg. Co.
DUBUQUE—*Carr-Ryder & Adams Co. (Whol.)
Farley & Loetscher Mfg. Co. (Wholesale Mfrs.)
Metz Mfg. Co.
KEOKUK—Carter Mfg. Co.

LYONS—Disbrow M. A. & Co.
Garmo Co.
MUSCATINE—Huttig Mfg. Co. (Wholesale)
*Roach & Musser Co. (Wholesale Mfrs.)
OTTUMWA—*Snook & Sons
SIOUX CITY—*Curtis Sash & Door Co. (Wholesale Mfrs.)
WATERLOO—Nauman Co.

KANSAS.

ARKANSAS CITY—Arkansas City Veneer & Box Co.
*Armourdale Lumber & Supply Co.
†Bruce J. B. Lumber Co., 18th & Minn av
ATCHISON—Carlise-Pennell Lumber Co.
Kaaz Mfg. Co.
FORT SCOTT—Ireland & Rollings
HUTCHINSON—Hutchinson Lumber & Planing Mill Co.
*Snyder Co.
INDEPENDENCE—Uhrich Planing Mill Co. (Special Contracts)
LEAVENWORTH—Goodjohn Sash & Door Co.
TOPEKA—Agard Planing Mill
*Central Sash & Door Co.
Horn E. Co.
WICHITA—*United Sash & Door Co.
*Wichita Sash & Door Co.

KENTUCKY.

BOWLING GREEN—*Kister F. L., Jr.
Roemer Bros.
COVINGTON—Hellman Jas. A., 33 W 8th
Hellmann Lumber & Mfg. Co.
HENDERSON—Johnson P. P. & Son
HOPKINSVILLE—*Forbes Mfg. Co.
LEXINGTON—Jackson J. T. Lumber Co.
*Spotswood E. R. & Son
LOUISVILLE—*Central Planing Mill & Lumber Co.
Fry Planing Mill Co.
Hughes E. L. Co.
†Hughes W. J. & Sons Co.
*Struck Alfred Co. (Wholesale Mfrs.)
MOUNT STERLING—Star Planing Mill Co.
NEWPORT—*Voss Frank
*Weingartner's Joseph Sons
PADUCAH—Langstaff-Orm Mfg. Co.

LOUISIANA.

ALEXANDRIA—Caddo Rapides Lumber Co. (Ltd.)
LAKE CHARLES—Lake Charles Planing Mill Co., Ltd.
Hayslip & Dear
LUTCHER—*Lutcher & Moore Cypress Lumber Co. (Ltd.) (Wholesale Mfrs.)
NEW IBERIA—*Trainor's O. J. Son
NEW ORLEANS—*Algiers Mfg. Co., Ltd., 429 Patterson
*American Mfg. Co., 2101 Louisiana
*Berwick Lumber Co. (Ltd.), Clio & Freret
Claiborne Avenue Sash Factory Co., 2460 N Claiborne
*Crescent City Mfg. Co. (Ltd.), 628 Tchoupcialize
*Lagasse Paul, 826 9th
*National Sash & Door Co., N Dupre & Toulouse Wlk
New Orleans Sash & Door Co., 826 Perdido
PATTERSON—Riggs Cypress Co. (Ltd.) (Cypress) (Wholesale Mfrs.)
SHREVEPORT—*Allen Mfg. Co. (Ltd.)
*Hardman C. C. Co.
Roberts-Brown Lumber Co. (Ltd.)
Victoria Lumber Co. (Ltd.)
WEST MONROE—West Monroe Mfg. Co. (Ltd.)

MAINE.

BATH—*Passmore H. T.
BELFAST—*Durham J. C. Co.
*Mathews Bros.
BERWICK—*Nutter J. C.
CAMDEN—*Camden Lumber Co.
DEXTER—Eldridge Bros.
PORTLAND—†Brown Co.
†Farnham H. F. Co.

MARYLAND.

BALTIMORE—Baltimore Lumber Co., 1131 Watson
*Balto Sash & Door Co. (Wholesale Mfrs.), Howard & West
*Dorsey Wm. C., Highland av & Phila. rd
*Ducker Otto & Co., Fleet & Albemarle
†Foster James P. & Co., 115 S Frederick
Gilbert J. L. & Bro. Lumber Co., East Falls & Eastern avs
Hanneman Aug., Milton av & Monument
Heise & Bruns Mill & Lumber Co., 600 S Caroline
†Keen W. F. & Co., 4317 York rd
Lafayette Mill & Lumber Co., Lafayette av & P. B. & W. R. R.
Mottu Theo. & Co., 1022 Penna av
Scherer Wm. C. & Co., 810 W Balto
Short John H. & Sons, 5 Uhler
Thomas Jos. & Son, 836 Leadenhall
Tinley Bros. Co., Bush & Nanticoke
Waggner Lewis Co., Wolfe & Thames
Waters Geo. E. & Co., 922 Park av
CHESTERTOWN—*Culp W. S. & A. M.
CUMBERLAND—†Cumberland Sash & Door Co.
ELKTON—†Keys & Miller Lumber Co.
FREDERICK—Bowers W. D. Lumber Co.
Wilcoxon & Brown
HAGERSTOWN—Danzer Lumber Co.
HAVRE DE GRACE—†Dubois Jno. E.
LAUREL—†Shaffer C. F. Lumber Co.
LUKE—*Sigler Wm. T.
SALISBURY—*Adkins E. S. & Co.
Salisbury Woodworking Co.
†Williams L. E. & Co.
SNOW HILL—†Corddry Co.

MASSACHUSETTS.

ADAMS—†Arnold Wm. H.
†Holden M. J. Lumber Co.
ATHOL—*Raymond Alfred J.
*Tyler A. F. Co.
AYER—†Phelps Levi W.
BARRE PLAINS—*Rich T. E. Co.
BOSTON—*Brockway-Smith Corp., 98 Canal
†Carlisle-Ayer Co., 42 Washington, N
†Carlisle E. A. & Pope Co., 98 Canal
*Chapman H. B. Co., 81 Bristol
*Cutter & Smith Co., 2176 Washington, Rox
*D'Arcy & Sons Co., 61 Washington, N
†Ellms H. E. & Co., 22 Washington, N
*Farrell C. H. & Co., 6 Northampton
†Hastings A. W. & Co., 134 Friend
†Jackson & Newton Co., 105 Portland
*Johnson Thos. J. & Co., 896 Washington
*Newton F. C., 57 Bristol
*STEARNS, A. T. LUMBER CO., 100 Taylor, Neponset
See adv index at end of book
*West End Sash Co., 51 Beverly
BROCKTON—Mitchell Isam & Co.
†Taunton Lumber Co.
CLINTON—*Fuller Wm. A.
†Howe N. L.
FALL RIVER—†Borden, Cook & Co.
†Neill J. O. Hardware Co. (Dealers)
†Prosser Wm. & Son
FITCHBURG—†Lawrence Harry A. & Co.
*Priest C. A. Lumber Co.
†Webber Lumber & Supply Co.
GARDNER—Favor Frank M.
GLOUCESTER—†Nauss L. B. Sons
HAVERHILL—†Chase D. D. Lumber Co.
†McGratty & Wheeler
HINGHAM—Whitney Everett E.
HOLYOKE—*Ely Lumber Co.
*Merrick Lumber Co.
*Ranger Casper Lumber Co.
HUDSON—†Robertson & Larkin
HYDE PARK—*Hodkinson J. & Son
LAWRENCE—*Briggs & Allyn Mfg. Co.
†Lawrence Lumber Co.
LOWELL—†Bennett J. C.
*Pratt Amasa Co.
LYNN—*Brockway-Smith Corp'n
†Hutchinson Lumber Co.
MALDEN—†Kaulbach W. S.
§Malden City Lumber Co.
MARBLEHEAD—*Bowden Thos. J. & Son
MIDDLEBORO—†Sears Lumber Co.
NATICK—Fiske Corp.
NEW BEDFORD—*Blossom Bros.
*Greene & Wood
†Nicholson John G.
†Sherman James L.
NORTH ADAMS—*Dibble (The), S. B. Lumber Co.
NORTHAMPTON—†Merrick Lumber Co.
PITTSFIELD—†Berkshire Lumber Co.
*Blakeslee Lumber Co.
*Faulkner Lumber Co.
†Ferry C. S. & Son
PLYMOUTH—†Atwood Robbins Lumber Co.
†Robbins L. T. Lumber Co.
PROVINCETOWN—†Dyer B. H. & Co.
SOMERVILLE—†Davenport-Brown Co.
SOUTH HADLEY—*Howard, Gaylord & Co.
SOUTH HADLEY FALLS—†Street Lumber Co.
SPRINGFIELD—†Decker E. S.
*Hampden Lumber Co.
*Walker T. M. Co.
TAUNTON—†Sanders Lumber Co.
*Williams A. G. & Co.
TURNERS FALLS—†Bartlett Joseph F.
WAREHAM—†Gifford Prince
WEBSTER—†Pattison Louis E.
WESTFIELD—†Merrick Lumber Co.
WILLIAMSTOWN—†Moore Fred'k E.
WORCESTER—Adams & Powers Co.
Hatch & Barnes Co.
Stevens F. O.

MICHIGAN.

ALBION—†Wilder S. A. & Son
ALPENA—*Gebhardt, Morrow & Co.
ANN ARBOR—Luick Bros. & Co.
BATTLE CREEK—†North & Strong Lumber Co.
*Rathbun & Kraft Co.
BAY CITY—*Lamont Matthew Sons Co.
Lewis Mfg. Co.
Wolverine Lumber Co.
BIG RAPIDS—*Jones & Green
BRIGHTON—†Hyne F. T. & Son
CADILLAC—Cadillac Lumber Co.
Haynes Bros. Co.
CALUMET—*Armstrong-Thielman Lumber Co.
CHARLEVOIX—*Charlevoix Lumber Co.
CHEBOYGAN—*Cheboygan Mfg. Co.
COLDWATER—†Pollock S. & Son
DETROIT—Armstrong A. R., 145 E Willis
*Beyster John, 875 W Fort
De Man Bros. Co., 416 Maybury av
Frohlich Edw. Glass Co.
*Hertz & Hosbach Co., 4th & Holden
*Huebner Mfg. Co.
*Hurd W. F. Co., 200 Campbell av
*Japes Frank Co., 8th & Plum
*Kotcher C. W., 649 Gratiot av
*Lowrie & Robinson Lumber Co., 2569 Jefferson av W
*Munroe Wm. Co., 994 Scotten av
*Sibley F. M. Lumber Co.
*Weber J. F. & Co., 304 Gratiot av
FLINT—†Randall Lumber & Coal Co.
FOSTER CITY—*Morgan Lumber & Cedar Co. (Sash, Open, Glazed, Doors, Veneered Doors, Blinds & Shutters)
GRAND RAPIDS—Edge Benj. F.
Grand Rapids Lumber Co. (Wholesale Mfrs.)
Jeltes, Stuck & Sons
Letellier F. & Co.
Stiles Bros. Co.
HARBOR BEACH—*Wellock Robinson
HOUGHTON—*Pryor James & Son
IRON MOUNTAIN—†City Lumber Yard
KALAMAZOO—*Dewing & Sons
LANSING—*Rikerd Lumber Co.
LUDINGTON—†Cartier A. E. Sons Co.
*Widmark H. P. & Son
MARCELLUS—*Hoover H. J.
MARINE CITY—†Zimmerman Bros.
MARQUETTE—Consolidated Fuel & Lumber Co.
MENOMINEE—†Gibout L. E.
*Kartheiser Frank
MONROE—†Beck C. F. & Son Co.
MUSKEGON—*Langeland Mfg. Co.
NADEAU—*Jean Augustine
OWOSSO—†Sturtevant & Blood Co.
PAW PAW—Free & Mutchler
PONTIAC—Pontiac Planing Mill Co.
Slater Construction Co.
PORT HURON—†Boyce Hardware Co.
*Home Mfg. Co.
ST. CLAIR—*Mills N. Lumber Mfg. Co.
ST. JOSEPH—†Wallace Jno. Sons Co.
SAGINAW—Booth & Bond Lumber Co.
Hardin Co.
Jackson Thos. & Co. (Ltd.)
Mershon John D. Lumber Co.
Polson Wm. & Co.

SAULT SAINTE MARIE—*Lock City Mfg. Co.
SEBEWAING—*Sebewaing Lumber & Mfg. Co.
SHELBY—†Rankin A. J.
SPRINGPORT—†Hoag & Houseman
TRAVERSE CITY—*Greilick Mfg. Co.
WALDRON—*Abbaduska E. T.

MINNESOTA.

ADRIAN—†Shull J. & W. C.
BLOOMING PRAIRIE—†Solberg A. Lumber Co.
CLOQUET—*Cloquet Lumber Co.
†Fish Hardware Co.
†Loisel Jos.
*Northern Lumber Co.
DULUTH—Baxter Sash & Door Co.
Duluth Lumber Co.
Scott-Graff Lumber Co. (Wholesale Mfrs.)
*Wallinder E. G.
*Woodruff Lumber Co.
FERGUS FALLS—*Fergus Mfg. Co.
FRANKLIN—†Hauser Lumber Co.
MINNEAPOLIS—*Bardwell-Robinson Co., 24th av N & 2d
*Bintner Schommer, 160 Western
Bruer Bros. & Co., 2814 Lyndale av S
*Carlson Aaron, 15th av, nr Central av
Carr-Cullen Co., 10th av N E & Marshall
City Sash & Door Co., 132 E Lake
Fulton C. K. & Co., 1428 2d N
Hennepin Sash, Door & Lumber Co., Emerson av & 29th
*Johnson H. S. Co., 18th av cor Marshall
Johnson M. L. & Sons, 18th av N E & Marshall
*Kuhn Sash & Door Co., 204 N E 7th
Luce Bros., 214 19th av N
†McDonald John F. Lumber Corp., Lumber Exchange
*Minneapolis Sash & Door Co., 962 Central av N E
Nicollet Sash & Door Co., 2900 Nicollet av
†North Side Sash & Door Co., 2328 N 2d
Radford & Wright Co., 528 Lumber Exchange
Ross H. W. Lumber Co.
*Simonson Bros. Mfg. Co., 1713 S 7th
Smith Sash & Door Co., 132 E Lake
*Smith & Wyman Co., 2d av & 8th
*Union Sash & Door Co., 213 S 8th
Wheeler-Osgood Co., Security bldg
***Wilcox Bros. Lumber Co., 930 Marshall N E**
MORRIS—†Jones Edw. J. Lumber Co.
RED WING—*Betcher Chas. Lumber Co.
ROCHESTER—†Dodge Lumber & Fuel Co.
ST. CLOUD—Dunnewold & Sartell
Foltmer Peter M.
*Wright F. M.
ST. PAUL—*Brooks Bros., 1923 University av
†Hardwood Door Co., 160 W 5th
*Osgood & Blodgett Mfg. Co., Duluth av & E 7th
***Villaume Box & Lumber Co., Chicago, Indiana avs & Walter**
SAUK CENTER—Independent Lumber & Coal Co.
SOUTH STILLWATER—Anderson Lumber Co.
STILLWATER—*St. Croix Timber Co.
*Stillwater Mfg. Co.
THIEF RIVER FALLS—*Thief River Falls Lumber Co.
WARREN—†Robertson Lumber Co.
WINONA—*Schroth & Ahrens Co. (Wholesale Mfrs.)

MISSISSIPPI.

CORINTH—†Pocahontas Lumber Co.
JACKSON—*Cambre Bros.
*Enochs Lumber & Mfg. Co.
†Jackson Lumber Co.
MERIDIAN—*Bostick Lumber & Mfg. Co.
VICKSBURG—*Curphey & Mundy
†Mississippi Lumber Co.
*Spengler S.

MISSOURI.

BOWLING GREEN—†La Crosse Lumber Co.
BUTLER—Logan-Moore Lumber Co. (See Kansas City)
Wyatt H. S.
CANTON—Canton Lumber Co.
CARTHAGE—*Home Lumber Co.
†Thomas B. F. Lumber Co.
FARMINGTON—*Doughty D. J.
†Lang & Bro. Mfg. & Merc. Co.
FREDERICKTOWN — †Fredericktown Lumber Co.
GLASGOW—*Rall Bros.
HANNIBAL—Conlon John J.
*Meyer J. F. Mfg. Co.
KANSAS CITY—*American Sash & Door Co. (Wholesale Mfrs.)
†Badger Lumber Co., 3401 E 15th
†Byrne J. M. Lumber Co.
Clark & Bates Lumber Co., Commerce bldg
†Deatherage Lumber Co., R. G. Long bldg.
†Dierks Lumber & Coal Co., Gates bldg.
†Dierks & Sons Lumber Co., 19th S E cor Woodland
Federal Sash & Door Co., 18th & Wabash av
†Foster Lumber Co., R. A. Long bldg
*Huttig Mill Work Co. (Wholesale Mfrs.)
†Lee & Lyman Lumber Co., 2425 E 18th
Logan-Moore Lumber Co.
*Lovejoy Planing Mill Co., 823 E 17th
†Merrill J. W. Lumber Co., S W blvd & Summit
†Shutter S. Z., 25th c Grand
Weis Henry Cornice Co. (All Steel)
LEBANON—Lingsweiler J. G. Lumber Co.
LOCKWOOD—†Eaton W. R. Lumber Co.
LOUISIANA—La Crosse Lumber Co.
MOBERLY—†Mounce D. H. & Co.
NEVADA—†Robinson J. B. & Son
ST. JOSEPH—†Badger Lumber Co.
†Biles N. D. & Co.
†Dougherty & Moss Lumber Co.
†Nold C. H. Lumber Co.
†St. Joseph Lumber Co.
ST. LOUIS—*Banner Sash & Door Co., 8025 S B'way
*Carondelet Planing Mill Co., 5826 S B'way
*Crescent Planing Mill Co., 3227 N 9th
*Gaus Henry & Sons Mfg. Co., Main & Clinton
*Gravois Planing Mill Co., Minnesota & Juniata
*Hafner Mfg. Co. Main & Dock
*Huttig Sash & Door Co. (Wholesale Mfrs.), 1200 S Vandeventer
***Imse-Schilling Sash & Door Co., 21st & Papin**
Lohse Patent Door Co.
***Maplewood Planing Mill & Stair Co., 2718 Sutton av**
*Olcott Chas. A. Planing Mill Co., 3300 N B'way
*Reed & Steeger Sash & Door Co., 4211 Chippewa
Riddle-Rehbein Mfg. Co., 13th & O'Fallon
*St. Louis Lumber Co., 2509 S B'way
*St. Louis Sash & Door Works, B'way & Destrehan
*Theiling-Lothman Mfg. Co., 3810 N 9th
Thomsen Planing Mill Co., 1700 Vandeventer av
***Thuener Chas. Planing Mill Co., Prairie & Lucky**
SPRINGFIELD—*Davis Planing Mill Co.
†Hatten I. E., Lumber & Supply Co.

MONTANA.

ANACONDA—*Anaconda Copper Mining Co.
BILLINGS—†Billings Lumber & Coal Co.
BUTTE—Carroll J. T. Lbr. Co.
Western Lumber Co.
KALISPELL—Kalispell Lumber Co.
*McMannamy Wm. P.
MILLTOWN—Western Lumber Co.
MISSOULA—*Missoula Lumber Co.
RED LODGE—†Bowlen Chas. C.

NEBRASKA.

BEATRICE—*Thistlewait Bros.
FREMONT—Reckmeyer W. R.
HASTINGS—*Central Nebraska Millwork Co.
*Enterprise Planing Mill Co.
Harrison Planing Mill Co.
*Schaaf Mfg. Co.
KEARNEY—†Gilcrest F. H. Lumber Co.
LINCOLN—*Curtis Towle & Paine Co. (Wholesale Mfrs.)
Searle & Chapin Lumber Co.
OMAHA—Adams & Kelly Co.
Bloom Alfred Co.
Disbrow M. A. & Co.
Omaha Planing Mill Co.
Omaha Wood Working Co.
SOUTH OMAHA—†Bradford Louis Lumber Co.
†Howland E. H. Lumber & Coal Co.
†Watkins J. B. & Co.

NEVADA.

VERDI—*Verdi Lumber Co.

NEW HAMPSHIRE.

CENTER OSSIPIE—*Smart C. E. & H. P.
CONCORD—*Carpenter Wellington
†Drake Clifton W.
FARMINGTON—†Mooney Frank E.
GOFFSTOWN—Kendall Hadley & Co.
KEENE—*Nims, Whitney & Co.
LAKEPORT—†Boulia-Gorrell Co.
LANCASTER—†Smith Frank Co.
***Thompson Mfg. Co.**
LEBANON—*Spencer Bros.
LITTLETON—†Littleton Lumber Co.
MANCHESTER—*Derryfield Co.
*Hodge Jeremiah
†Hubbard Sash, Door & Lumber Co.
NASHUA—*Gregg & Son
PENACOOK—†Rolfe C. M. & A. W.
ROCHESTER—†Rochester Lumber Co.

NEW JERSEY.

ASBURY PARK—*Asbury Park Mill Co.
*Buchanon & Smock Lumber Co.
ATLANTIC CITY—*Somers Lumber Co.
BAYONNE—Prospect Planing Mill Co.
BELLEVILLE—Carragher F. J.
BOGOTA—*Wolfe J. N.
BRIDGETON—*Loper Eli & Son
BURLINGTON—*Severns J. T. Sons & Co.
CAMDEN—*Coles C. B. & Sons Co.
*Cooper Wm. J. & Co.
†Fredericks Wm. H.
EAST ORANGE—*Curtis Bros.
ELIZABETH—*Elizabeth Sash, Door & Supply Co
FRENCHTOWN—†White Charles
GRANTWOOD—Grantwood Moulding & Trim Co.
GUTTENBERG—Cade John R. & Son
HACKENSACK—†Young Frank
HOBOKEN—Davis-Speyer Co.
*Gahagan's J. Sons
†Kortlang Charles
HOMESTEAD—Hollingshead-Kernan Co.
IRVINGTON—Schill Fred'k & Co.
JERSEY CITY—*Barnes Mfg. Co., W End
***Heller C. Sons, 49 Cambridge av**
Hoe Richard J. C., 78 Lake
*Prospect Sash Door Co., 137 Palisade av
*Summit Door Co., 73 St. Paul's av
*Tuzik Michael, Canal
Woodhouse John H., 1 Bishop
MADISON—†Smith Joseph M. Co.
MANASQUAN—†Taylor W. P.
MATAWAN—†Bailey Wm. D. Co.
MILLVILLE—*Kimball & Prince Lumber Co.
MONTCLAIR—*Lyman Jno. T.
MOORESTOWN—†Collins John S. & Son
MORRISTOWN—†Ennis C. W. & Co.
†Mills Geo. A. Wood Working Co.
NEWARK—*Barkhorn Wm. H. Co., 22 Sayre
*Central Woodworking Co., 113 Central av
*Clark & Co., 515 Hunterdon
*Goldingay Bros. Co., 88 E Kinney
*Newark Door Co., 221 Sussex av
***Paxton Wm. L., 128 Wakeman av**
*Schill Frederick & Co., 784 Springfield av
NEW BRUNSWICK—Butler-Howell Co.
Cronk Mfg. Co.
OCEAN CITY—Headley & Adams
ORANGE—*Barber Chas. L.
PASSAIC—*Crane Floyd H.
PATTERSON—*Florance Bros. Mfg. Co.
***Post M. H.**
PHILLIPSBURG— Bachman R. K. & Bro.
Laubach C. J. Co.
PLAINFIELD—*McCullough Richard H.
RED BANK—*Waters & Osborn Co.
RIDGEWOOD—*Hutton Isaac E.
TRENTON—*Conner Millwork Co.
VINELAND—*Kimball & Prince Lumber Co.
WASHINGTON—*Alleger's E. W. Son
WESTFIELD—†Tuttle Bros.
WEST NEW YORK—*Gundling B. V. Co.
WOODBURY—Woodbury Mill & Lumber Co.

NEW MEXICO.

ALBUQUERQUE—†Baldridge J. C. Lbr. Co.
LAS VEGAS—*Sundt M. M.

NEW YORK.

ADDISON—*Park, Winton & True Co.
ALBANY—Blakeslee Lumber Co.
Ramsdill & Co.
ALBION—*Mallory C. M.
ALLEGANY—*Hall W. N.
ANTWERP—†Bethel George D.
ARCADE—Arcade Planing Mill Co.
AUBURN—*Koon E. B. & H. J., 31 Mill
BATAVIA—*Batavia & N. Y. Woodworking Co.
BINGHAMTON—*Bartlett & Co.
*Roberson Alonzo & Son
BOSTON—Wurtz L. J.
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Boller Chas. & Sons Co., 379 Chicago
Dohn, Fischer & Beyer
Elias G. & Bros., 965 Elk
Feist John & Sons Co., 115 Ash
Flieri Christian Co., 1352 Genesee
Hager E. M. & Sons Co., 141 Elm
Heinrich's Wm. Sons Co., 193 Spring
Iroquois Door Co. (Wholesale Mfrs.)
Montgomery Bros. & Co.
Zeis M. & Son, 200 Cherry
CANTON—Rushton J. W.
CASSADAGA—Knott L. & Co.
CAZENOVIA—*Thayer T. W. Co.
CHAMPLAIN—Earl Jno.
COHOES—*Breault M. Co.
Crandall G. H. Co.
COPENHAGEN—†Carey James
CORNING—*Corning Building Co.
CROWN POINT—*Pond J. E. & Son
DEPOSIT—Deposit Lumber Co.
DEXTER—Dexter Woodworking & Bldrs.' Supply Co.
DUNKIRK—*Madigan Lumber Co.
*O'Donnell Lumber Co.
EAST AURORA—*Peek's S. H. Sons
ELMIRA—*Doane & Jones Lumber Co.
*Spaulding H. C. Co.
FALCONER—*Chautauqua Planing Mill Co
FRIENDSHIP—*Empire Sash & Door Co.
GENEVA—Moore Daniel E.
GLENS FALLS—*Kendrick & Brown Co.
GOWANDA—*Forbush Planing Mill Co.
HAMBURG—Hamburg Planing Mill Co.
HICKSVILLE—*Voigt C. H. (Est. of)
JAMESTOWN—*Nelson & Co.
*Wilson John T. (Est. of)
KINGSTON—*Coutant A. K.
*Palen's W. Sons
*Traphagen & Hull Mfg. Co.
†Weeks Theo.
LAWRENCE—*Wood John A. & Son Co.
LEROY—*Lapp Jos.
*Rogers F. C.
LESTERSHIRE—*Lestershire Lumber & Box Co.
LYNONDVILLE—Gray J. C. & Co.
MALLORY—Courbat Geo. A.
MALONE—Kelly Jno. & Son
MONTICELLO—†Smith Isaac O.
MOUNT KISCO—†Turner Jefry B.
MOUNT VERNON—*Burton & Fenton
Cronenberg L. & Sons
NEWARK—Keener S. N. Co.
NEWBURGH—Newburgh Planing Mill Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Alpert Woodworking Co., 410 Snediker av
Bayside Sash & Door Co., 806 3d av
†Bossert Louis & Son, 1335 Grand
†Brooklyn Fireproof Sash & Door, 101 Richardson
Brooklyn Lumber Co. (Wholesale Dealers), 452 Hamilton av
Carey Box & Lumber Corp., 634 First av, New York
Clark Jno,. 231 Hopkinson av
*Cropsey & Mitchell, Bay 35th
†Curtis-Brislin Lumber Co., 3290 Atlantic av
Empire City-Gerard Co., 265 Greenpoint av
Entenman A., 669 73d
Gardner David P. & Son, 49 Fleet pl
†Gass John H., 601 Sackett
†Gerard G. H. Son & Co., 265 Greenpoint
†Hardy, Voorhees & Co., Met. av
†Hawkins Geo. A., 367 Fulton
†Hitchings Ben G., E 34th, nr Av H
Interborough Sash & Door Co., 340 Junius
†Keshin, Blitstein & Co., Burroughs av
†Levin, Kroneneberg & Co., Van Sinderen av
*Loomis John S. Lumber Co., Baltic & Nevins
†Macauley C. R. Co., 255 18th
†Mayer Michael, 181 Moore
*National Fireproof Sash & Door Co., **499 Stagg**
†Newton Albro J. Co., 528 Union
†Orr J. C. & Co., West & Java
Pearson Carl H., 193 Wallabout
Standard Fireproof Sash & Door Co., 16 Eckford
Weinstein Sam'l, 100 Richardson
Weisfeld Bros., 7 McKibbin

Boroughs of Manhattan and Bronx.

NEW YORK—Batavia & N. Y. Woodworking Co., Fuller bldg
Beekman Sash Door & Woodworking Co., 259 B'way
†Bronx Sash & Door Co., E Tremont av & 180th
†Carl John H., 510 1st av
*Harlem River Lumber & Wood Working Co., 138th & Gerard av
Hasbrouck Chas. A. & Son 863 3rd av
†Hogan & Di Genno, 1616 Webster av
Hudson Wood Working Co., 1616 Webster av
†Leslie John, 138 W 15th
Manhattan Wood Working Co., 281 Rider av
*Morgan Co. (Sash, Open, Glazed, Doors, Veneered Doors, Blinds & Shutters), 21 E 40th
*Murray & Hill Co., 1138 St. Nicholas av
†Palens H. W. Sons, 1451 B'way
Pomeroy S. H. Co., 282 E 134th
Potter Jos. R. & Co., 270 W 126th
†Read Charles, 406 W 30th
†Reeb & Dinkins, 18 B'way
†Richardson & Dutt, 789 3d av
Rugg C. H. Co., 101 Park av
†Schaettler F., 533 W 34th
Thayer T. W. Co., 18 B'way
Tide Water Bldg. Co., 16 E 33d
Wright Lumber Co., 148 W 38th

Borough of Queens.

CORONA—Johnson & Berntson
HOLLIS—Stansbury Jas. H.
LONG ISLAND CITY—Weisberg Baer Co., Blvd
OZONE PARK—†Gillespie Earl A.
METROPOLITAN—†Reich Val E., 1429 Metropolitan av

(End of New York City)

NIAGARA FALLS—Haeberle Lumber Co.
NORTH TONAWANDA—*Palmer W. G. Thompson, Hubman & Fisher
NORWICH—Wheeler Geo. H.
OGDENSBURG—Proctor Mfg. Co.
OSSINING—Terwilliger's I. Son
PATCHOGUE—Bailey E. & Sons
PATTERSON—Pendleton & Townsend
PEEKSKILL—Brotherton Wm. Jr.
*Lamos Charles A. Co.
PORT CHESTER—Mertz's Geo. Sons
PORT JEFFERSON—Loper Bros.
POUGHKEEPSIE—Brooks & Co.
Lumb's Levi Son
REDWOOD—Cook & Smith
RIVERHEAD—Skidmore Charles
ROCHESTER—Bantleon Bros. Co.
Evans Chas. P.
Goetzman H. W.
Rugg C. H. Co.
Smith Sash & Door Co.
Stalker G. H.
Vogel & Binder Co.
ST. JOHNSVILLE—Kneeskern J. H. & Sons
SANDY HILL—Kenyon Lumber Co.
SIDNEY—*Clark G. A. Co.
SYRACUSE—Markert Mfg. Co.
TROY—Madden Lumber Co.
TURIN—*Hughes Hugh
WEBSTER—†O'Dell Bros.
WELLSVILLE—Duke Oak Lumber Co.
YONKERS—*Lawrence Bros.
Mitchell Sam'l P. (Est. of)
*Yerks & Co.

NORTH CAROLINA.

ASHEVILLE—*Jones Wm. M.
*Westall W. H. & Co.
CLINTON—Clinton Lumber Co.
EAGLE ROCK—Eagle Rock Mfg. Co.
ELIZABETH CITY—Kramer Bros. Co.
GREENSBORO—*Cape Fear Mfg. Co.
HENDERSON—*Watkins Jno. B.
HICKORY—Hickory Mfg. Co.
Hickory Novelty Co.
HIGH POINT—*Snow Lumber Co.
NORTH WILKESBORO—*Wilkesboro Mfg. Co.
RALEIGH—Lassiter C. J.
SANFORD—Sanford Sash & Blind Co.
WILSON—Simms W. W. Co.

NORTH DAKOTA.

FARGO—*Bowers Bros.
GRAND FORKS—*Turner Jas. & Sons
MINOT—Western Improvement Co. (Wholesale Mfrs.)

OHIO.

AKRON—Akron Lumber Co.
Lyman Hawkins Lumber Co.
Summit Lumber & Building Co.
ALLIANCE—*Stroup L.
*Weybrecht's J. T. Sons
ASHLAND—*Shearer Kagey & Co.
ATHENS—Athens Lumber Co.
Hardwood Finish Co.
BALTIMORE—Buckeye Planing Mill Co.
BELLAIRE—†Anderson & McGregor Co.
*Dubois & McCoy Lumber Co.
BELLEFONTAINE—†Le Sourd A. & Sons
BEREA—†Holmes & Johnson
BLOOMDALE—Linhart S. A.
BOWLING GREEN—*Hankey Lumber Co.
BUCYRUS—*Roehr Co.
BURTON—Johnson C. H.
BUTLER—Winkler W. E.
BYESVILLE—Byesville Planing Mill Co.
Lauer True & Co.
CADIZ—Long E. M. & Sons (Wholesale)
CALEDONIA—Resler J. A.
CAMBRIDGE—*Forney C. W.
*Hoyle & Scott
Hunt W. A.
CANAL FULTON—Kittinger & Stock
CANAL WINCHESTER—Barels Geo. F.
CELINA—Stephenson E. E. Lumber Co.
CHAGRIN FALLS—Rowe & Giles Lumber Co.
CHILLICOTHE—Hertenstein C. A. Lumber Co.
CINCINNATI—Brethauer G. J. Planing **Mill Co., 2250 Bogen**
Cincinnati Sash & Door Co., 942 W 6th
Dexter Lbr. Co., 4765 Montg'y pk (Norwood)
Ferris Chas. S., 232 McCullough
Griffith Jas. & Sons Co., Reading rd & E 12th
Mayer Wm. Co., 646 W 3d
Mills & Ott, 216 George
Ward-Brock Sash & Door Co., 618-20 Freeman av
Weber Fred & A. Co., 4012 Cherry Cum'ville
CLEVELAND—†Bohm & Stuhr, B'way & W. & L. E. R. R.
†Cleveland Lumber Co., 8617 Buckeye rd
*Diamond Glass Co., 1447 W 25th
*Lakewood Lumber Co., 10217 Berea rd
*Marquard Sash & Door Mfg. Co., 307 Canal rd
*Ohio Sash & Door Co., 821 Canal Rd.
*Osborne & Flinkers, 10217 Berea rd, N W
*Peters Mill Work & Lumber Co., Carter rd
*Pfeil Chas. J. & Co., 1976 W 3d
*Potter, Teare & Co., 1918 Carter rd
Reaugh Construction Co., 2835 E 51st
*Standard Sash & Door Co., 5214 Sweeney av
Teachout A. Co., 331 Prospect av, N W
*Trebing Mfg. Co., 1000 Center, N W
*Whitmer-Jackson Sash & Door Co. (Whol.)
Zeitz William & Son Co., 1247 Marquette rd, N E
COLUMBUS—Baumann Ferdinand Sons Co., 181 W Main
Bergin M. J. Lumber Co., 225 Dennison av
†Cussins Chas. D. Co., 170 No 3d
Doddington Co., 451 W Broad
Earl Andrew, Hickory & Water
Jones E. J. & Co., 406 W Spring
Linkenheil Planing Mill Co., 182 E. Columbus
Sager A. C., Town & Bell
Snider J. J., Lumber Co., Taylor av
Teachout Sash, Door & Glass Co., 100 W Spring
Throop-Martin Co., 130 E Chestnut
CROOKSVILLE—Spring G. W.
CUMBERLAND—Stevens W. H.

OHIO—continued
CUYAHOGA FALLS—*Walsh Lumber Co.
DAYTON—Dayton Lumber & Mfg. Co.
Requarth F. A. Co.
*Rouzer John Co., 71Wyandot
DOVER—Dover Lumber Co.
Wagner Lumber Co.
EATON—Hiestand & Co.
FINDLAY—Fassett M. L.
Parker Lumber Co.
FORT RECOVERY—Wilson W. E. Lumber Co.
FOSTORIA—Eureka Planing Mill & Lumber Co.
*Koss & German, Co.
FREDERICKSBURG—Peterman A. J.
FREMONT—Price Lumber & Mfg. Co.
GALION—Galion Lumber Co.
Gledhill A. C.
GALLIPOLIS—O'Dell O. A.
GEORGETOWN—Markley A. G.
GIBSONBURG—Collier Thos. L.
HAMILTON—*Cullen & Vaughn Co. (Mfrs.) 450 Dayton
Dingfelder Wm. S.
HICKSVILLE—Goller Chas. H.
HILLSBORO—Enterprise Planing Mill Co.
HOMEWORTH—*Gross Bros.
JENERA—Steinman Bros.
KENT—Parsons T. G.
KENTON—Callam John & Co.
LANCASTER—DeLancey Edw.
LEBANON—Monroe & Johnson
LIMA—*Ruhlen & Miller
LOCKLAND—Lockland Lumber Co., Benson & Mill
LORAIN—Lorain Lumber & Mfg. Co.
LOWELL—Lowell Planing Mill Co.
McARTHUR—Lantz I. M.
MALTA—Malta Mfg. Co.
MANSFIELD—Ford S. N. & Co.
MARENGO—Jeffrey A. L.
MARYSVILLE—Robinson & Curry Co.
MIDDLETOWN—Caldwell-Iseminger Co.
NAPOLEON—Thieson & Hildred Co.
NAVARRA—Hug R. & Son
NELSONVILLE—Kreig M. A. & Co.
NEVADA—Orwiler & Armstrong
NEW BREMEN—Heinfeldt Mfg. Co.
Rabe Mfg. Co.
NORWOOD—Dexter Lumber Co., 4765 Montgomery pk. (Norwood). (See Cincinnati)
Lobnitz Co., 1714-22 Cleneay av, Norwood
OAKLEY—Rempe F. & Son
OLMSTED FALLS—Stokes T. C.
ORRVILLE—Kinney Lumber Co.
OSBORN—Osborn Lumber Co.
PANDORA—Shank D. C. & Co.
QUAKER CITY—Cochran A. & Co.
ST. MARYS—St. Marys Planing Mill Co.
SANDUSKY—Sandusky Sash, Door & Lumber Co.
Schoepfle Mfg. & Lumber Co.
SIDNEY—Buckeye Churn Co.
SOMERSET—Snider-Flautt Lumber Co.
SPRINGFIELD—*Springfield Planing Mill & Lumber Co.
STEUBENVILLE—*McFeely Bros.
STOCKPORT—Ellis Walter
STRASSBURG—Weber Planing Mill Co.
SUGARCREEK—Moomaw C. M.
TOLEDO—Campbell Lumber & Mfg. Co.
Collier-Barnett Co.
Goodsell Mfg. Co.
Goulet & Co.
Schroeder C. H. Co.
Western Mfg. Co.
Witker Mfg. Co.
UPPER SANDUSKY—Stephan Lumber Co.
VERMILION—Bachman Conrad
WAVERLY—Gehres Bros.
WILKESVILLE—Strong H. B.
WILLOUGHBY—Jenkins C. C.
WILMINGTON—Fisher Mfg. & Fuel Co.
YOUNGSTOWN—*Heller Bros. Co.
ZANESVILLE—Curtis & Co., 25 8th
Drake Thos. Lumber Co., Lee & Amalia
Herdman Sash, Door & Lumber Co.

OKLAHOMA.

ENID—Enid Sash & Door Co.
OKLAHOMA—Curtis, Booth & Bentley Co.
Griffith T. A.
*New State Sash & Door Co.
*Oklahoma Sash & Door Co.

OREGON.

EUGENE—*Midgley George
KLAMATH FALLS—*Goeller J. F. & Son
MYRTLE POINT—†Huling Lundy & Sons
PORTLAND—Acme Planing Mill Co., 841 Macadam
Central Door & Lumber Co., 481 Geisan
Nicolai-Neppach Co., 227 Davis
North Pacific Lumber Co., Ry Exchange av
Schmitt Frank & Co., E 8th & Yamhill
SILVERTON—*Potter P. W. & Co.

PENNSYLVANIA.

ALLENTOWN—Albright A. A. & Son
*Butz Frederick & Co.
Kearn & Bro.
Trexler Lumber Co.
*Weil F. W. & Co.
ALTOONA—Fluke J. B. & Son
APOLLO—Wallace W. W. & Co.
ASHLAND—*Bright H. F.
Waldner Adam
ATHENS—Corneby F. G.
BANGOR—*Bangor Lumber Mfg. Co.
Wise Lumber & Coal Co.
BEAVER FALLS—*Beaver Falls Planing Mill Co.
*Commercial Sash & Door Co.
*Mitchell J. S. & Sons
BENTON—*Smith R. T. & Son
BERLIN—Fornwald Bros.
BRISTOL—Peirce & Williams
BROOKVILLE—Lucas J. Craig
CARLISLE—Beeten Lumber & Mfg. Co.
CATASAUQUA—*Wint F. W. Co. (Ltd.)
CHAMBERSBURG — Hollinger Planing Mill Co.
CHRISTIANA—*Davis Lumber & Planing Mill Co.
CONSHOHOCKEN—*Miller A. L. Co.
CORRY—*Clark Haniel & Son Co.
DUBOIS—Dubois Jno. E.
*Pifers G. W. Sons
Smyers Geo. W.
ELIZABETHVILLE—*Buffington I. T.
ERIE—Constable Bros. Co.
Felheim Lyman Co.
Johnson Lumber Co.
Schroeck Adolph
Shenk Henry Co.
EVERETT—Cottage Planing Mill Co.
FRANKLIN—James Lumber Co.
GETTYSBURG—*Stallsmith Geo. W.
GLEN ROCK—*Glen Mfg. Co.
HANOVER—*Moul C. & Co.
*Rohrbaugh J. F. & Co.
HARRISBURG—Snyder E. C.
HOMESTEAD—Kerr & Ingram
*Hall Geo. M. Co.
KNOXVILLE—*Edgcomb W. H. & Sons
LANCASTER—Draper & Co.
Keystone Planing Mill.
*Wohlsen Planing Mill Co., 417 N Mulberry
LEBANON—*Miller Bros.
LOCK HAVEN—*Hipple Planing Mill Co.
MAUCH CHUNK—Neast Chas. & Co.
MEADVILLE—Bork & Richard
Miller & Devore
Smith Lumber Co.
MIFFLINBURG—*Miller Enoch
MILLERSBURG—Douden A. Planing Mill Co.
MILTON—Clinger's D. Sons
*Fetter's Jacob Sons
MOSCOW—*Van Brunt C. P. Mfg. Co.
MOUNT CARMEL—*Geiger Lumber & Mill Co.
MYERSTOWN—Loose Charles C.
NEW BETHLEHEM—*Andrews Lbr. Co.
NEW BRIGHTON—McDanel R. B. Co.
NEW CASTLE—*Acme Lumber Co.
New Castle Lumber & Construction Co.
Wallace Bros.
NEWTON—*Watson A. W. & W. M. Co.
NORRISTOWN—*Grater-Bodey Co.
NORTH WALES—*Weber Oliver M. Co.
OIL CITY—Oil City Woodworking & Mfg. Co.
OSCEOLA MILLS—Walker Robert J.
PARKSBURG—*Reid A. P. Estate
PEN ARGYL—*Fitzgerald Speer Co.
PENNSBURG—Pennsburg Mfg. Co.
PHILADELPHIA — Adams Dan'l, 2940 Marshall
Alcott W. K. & Co., Washington & 18th
Berger Gustav, 1143 N Front
Felin Chas. F. & Co., Old York rd & Butler
Fite & Arbelo Co., 20th & Glenwood av
Gerry F. R. Co., 1835 Market
Gibson W. E., 3577 Market
Hall Bros. & Wood, 54th & Lancaster av
Keely S. S. & Sons, Main & Umbria
Penna. Door & Sash Co., 2500 Callowhill
*Swenk, Benson Co., 2305 Cherry
Watson & Robinson, 49 Queen, Gtn
PITTSBURGH—Commercial Sash & Door Co., Liberty & 33d
Diebold Lumber & Mfg. Co., 93-99 Wabash av
*Hill Edwin M., 2601 Penn. av
Munhall R. J. Lumber Co., Sidney & Brady
Penna. Door & Sash Co., 906 2d av
Pittsburgh Hardwood Floor Co., Park bldg
Schultze & Emanuel, 614 3d
Simon's M. Sons, Robinson & Anderson
PITTSTON—*Dershimer & Griffin
Harris A. H.
Patterson J. E. & Co.
Wyoming Valley Lumber Co.
PLYMOUTH—Clark Bros. & Co.
POINT MARION—Clark J. A.
POTTSVILLE—†Ryon Jno. P.
Sailor Planing Mill & Lumber Co.
*Wertley Walter Sons
QUAKERTOWN—Stoneboch Howard L.
READING—Penn Planing Mill Co.
†Rummel H. F. L.
REEDSVILLE—Kelley Jos.
RIDGEWAY—*Hyde Murphy Co. (Wholesale)
RIVERSIDE—Hoover Wallace A.
ROARING SPRING—Planing Mill Co.
ROCKWOOD—*Growall J. P.
ROYERSFORD—*Bush Bros.
SAYRE—Hart I. S.
SCRANTON—Ansley Lumber Mfg. Co.
Benore John
Peck-Lumber Mfg. Co.
Washburn, Williams & Co.
SHARON—*Wallis & Carley Co.
SHARPSBURG—†Saint W. J. T.
SLATINGTON—Kern Thomas Lumber Co.
SOUDERTON—*Hemsing & Son
STEELTON—Steelton Planing Mill Co.
SUMMIT HILL—Breslin Andrew
SUNBURY—†Simpson John & Son
TITUSVILLE—Reuting D. F.
TUNKHANNOCK—Harris A H.
TYRONE—*Beyer F. D. & Co.
UNION CITY—*Clark Haniel & Son
WARREN—*Rogers Lbr. Co.
Wetmore L. D. Co.
WATSONTOWN—*Watsontown Door & Sash Co.
WAYNESBORO—*Hess Planing Mill Co.
WAYNESBURG—*Funk J. M.
WEST CHESTER—*Black Planing Mill Co.
WEST NEWTON—Scholl M. F.
WILKES-BARRE—Goff Lumber Co.
*Lee Conrad
*Shepherd Construction Co.
WILLIAMSPORT—Eiswerth Co.
*Sones C. W.
Williamsport Planing Mill Co.
Wood Working & Stair Building Co.
YORK—*Beitzel Jacob & Sons
Billmeyer & Small Co.
Noss Herman & Sons

RHODE ISLAND.

BRISTOL—†Wardwell Lumber Co.
PAWTUCKET—†Cottrel J. T. Co.
†Pawtucket Sash & Blind Co.
†Tingley Frank E.
PROVIDENCE—Evans H. R. & Son, 10 Mathewson
†Harris Wm. M., Jr., 546 Atwells av
†Lansing Lumber Co., 824 N Main
†McGowan Jas. & Co., 14 Exchange pl
*Perkins Bros. Co., 970 Westminster
†Providence Sash & Blind Co., 309 Dean
*Smith E. E. Co., 136 Rhodes
*Vaughn L. Co., 1153 Westminster
WESTERLY—Sherman's R. A. & Sons Co
WOONSOCKET—†City Lumber Co.
Robinson A. M.

SOUTH CAROLINA.

ANDERSON—*Barton J. E
†Brissey W. L. Lumber Co.
*Townsend H. C. Cotton Mills.
BEAUFORT—†Christensen N. & Sons
CHARLESTON—*Wetherhorn L. & Son
CHERAW—*Cheraw Sash, Door & Lumber Co.
COLUMBIA—†Brown C. O. & Bro.
†Shand Builders' Supply Co.
†Thomas H.

FERGUSON—†Santee River Cypress Lum. Co.
GREENVILLE—†Morgan, Austin Co.
SUMTER—*Kennedy Brothers
VARNVILLE—*Ginn E. R.

SOUTH DAKOTA.

DEADWOOD—†Fish & Hunter Co.
MADISON—Colman C. L. Lumber Co.
MITCHELL—†Burns Robert Lumber Co.
†Davis & Daniels Co.
SIOUX FALLS—†Ross H. W. Lumber Co.
*†Tuthill J. W. Lumber Co.
STURGIS—†Anderson H. O. & Son
*Grams Wm.

TENNESSEE.

BRISTOL—*Bristol Door & Lbr. Co.
*Cloyd Bros. Co.
*Stone-Huling Lbr. Co.
CHATTANOOGA—*Central Lumber Co.
*Chattanooga Lumber Co.
Chattanooga Sash & Door Co.
*Loomis & Hart Mfg. Co.
Magill Hardware Co.
CLARKSVILLE—*Smith F. L. Sons
FAYETTEVILLE—*Williams Lumber Co.
HARRIMAN—†Watts J. H.
HUMBOLDT—*Campbell J. E.
†Jarrell B. C. & Co.
KNOXVILLE—*Atkin C. B. Co.
Broadway Mfg. Co.
*Rose D. M. & Co.
Ross Lumber Co.
MEMPHIS—*Cole Mfg. Co.
†Jordan J. P. & Co.
Memphis Sash & Door Co.
*Moore & McFerren
†Southern Lumber Co.
MORRISTOWN—†East Tennessee Wood Working Co.
NASHVILLE—†Beasley & Sons Co.
†Cohn & Goldberg
*Davidson, Hicks & Greene Co.
*De Hart I. N. & Son
*McGinnis & Co.
*Moore Geo. & Sons
†Norvell & Wallace
†Riddle Co.

TEXAS.

ALBANY—†Rockwell Bros. & Co.
AUSTIN—†Calcasieu Lumber Co.
†Nalle & Co.
BEAUMONT—*Georgs C. W. Mfg. Co.
COLORADO—†Burton-Lingo Co.
CORPUS CHRISTI—†Sidbury Lumber Co.
CORSICANA—*Clopton B. M.
†Doke F. L. Lumber Co.
DALLAS—†Campbell-Harris Lumber Co.
Conkling W. H. & Sons
†Griffiths & Co.
†Mayfield M. M.
DENISON—†Lingo-Leeper Co.
DUBLIN—†Smith H. A. & Co.
†Spencer R. B. & Co.
EL PASO—†Bassett O. T. & Co.
†Burton-Lingo Co.
El Paso Sash & Door Co.
FORT WORTH—†Burton-Lingo Co.
†Cameron Wm. & Co.
*Lusher & Rockett
*Owens G. W. Lumber Co.
†Quarles J. E. Co.
†Ripy J. W. & Son
†Smith Cicero Lumber Co.
GALVESTON—†Moore & Goodman
†Schadt Wm.
*Smith J. F. & Bro.
HOUSTON—Bering Mfg. Co.
Houston Co-operative Mfg. Co.
Texas & Louisiana Lumber Co.
Ware Wm. Lumber Co.
NAVASOTA—*Youens J. & Co.
ORANGE—*Miller-Link Lumber Co.
SAN ANTONIO—†Beitel Lumber Co.
†Steves Ed. & Sons
†West End Lumber Co.
SAN MARCOS—†Mead & Eastwood
SHERMAN—†Fielder A. A. Lumber Co.
†Lyon-Gray Lumber Co.
†Wilson J. B. & Co.
TAYLOR—†Thompson J. A.
TEXARKANA—†Hoffman Hardware Co.
WACO—†Brazelton Lumber Co.
*Cameron Wm. & Co.
WAXAHACHIE—†Timmons H. D. Lumber Co.

UTAH.

OGDEN—†Belnap H. Lumber Co.
†Eccles Lumber Co.
*Humphries C. J.
PROVO—Ward E. J. & Sons Co.
SALT LAKE CITY—†Felt Geo. F. Lumber Co.
†Morrison, Merrill & Co.
†Stewart J. J.

VERMONT.

ARLINGTON—†Lathrop E. M.
BARRE—†Allen Lumber Co.
BELLOWS FALLS—*Ramsay R. H.
BENNINGTON—*Bingham Jos. B.
BRANDON—†Gipson H. M. & Son
BRATTLEBORO—*Holden & Martin Lumber Co.
†Robbins & Cowles
BURLINGTON—†Booth J. R.
*Burlington Venetian Blind Co.
†Champlain Mfg. Co. (Sashes)
*Morgan Bros.
ENOSBURG FALLS—*Manley A. H.
HARTLAND—†Martin A. W.
MIDDLEBURY—*Rogers & Wells
POULTNEY—†Ripley Lumber Co.
RANDOLPH—*Emerson E. F. Co.
RICHFORD—*Sweat-Comings Co.
RUTLAND—†Chaffee's F. Sons
†Noyes H. F. (Est. of)
ST. JOHNSBURY — †Caldbeck - Cosgrove Corp.
SOUTH SHAFTSBURY—*Eagle Square Mfg. Co.
VERGENNES—*Cotey L. C. & Son

VIRGINIA.

ALEXANDRIA—*Aitcheson & Bro.
*Smoot W. A. & Co.
BLACKSTONE—*Blackstone Lumber & Mfg. Co.
CHARLOTTESVILLE — *Charlottesville Lumber Co.
*King Lumber Co.
DANVILLE—*Danville Lumber & Mfg. Co.
*Heidelbach Lumber Co.
HARRISONBURG—†Bucher Wm. M. & Son
LYNCHBURG—Lynchburg Lumber Mfg. Co.
Moore & Lipscomb
Peak Lumber Co.
MANCHESTER—†Woodward & Son
NEWPORT NEWS—Richardson R. E.
†Weaver Bros.
NORFOLK—Building Supplies Corp., 112-114 Brooke av & 111 Tazewell
Sawyer W F. & J. T, Omhdro av
PETERSBURG—†Hargrave W. T.
RICHMOND—*Hardwicke Chas. W. & Co., 18th
†Heppert Jos., 906 Catherine
*Miller Mfg. Co., 7th & Stockton
*Montague Mfg. Co., 4 S 10th
*Sittering-Carneal-Davis Co., 1601 W Leigh
*Stagg Thos. E & Son, Henrico Co.
†Woodward & Son
ROANOKE—*Central Mfg. Co.
Exchange Lumber Co.
†Wilkinson J. H.
SOUTH BOSTON—†Penick R. A. & Son
STAUNTON—†Livick A. J.
†Worthington Hardware Co.
SUFFOLK—†Allen R. R.
†Folk E. L. Co.
WARRENTON—†Wood P. D. & Co.
WYTHEVILLE—Wytheville Mfg. Co.

WASHINGTON.

BELLINGHAM—*Whatcom Falls Mill Co.
CENTRALIA — Whistler Porch Column Factory
CHELAN—Higgins W. R.
CHENEY—†Ratcliffe Chas. A.
CLE ELUM—Paul A. S.
COLFAX—Good J. R. & Co.
EVERETT—Builders Supply Co.
*Everett Sash & Door Co.
*Robinson Mfg. Co.
GOLDENDALE—Cameron J. E.
HOQUIAM—*Hoquiam Sash & Door Co.
MONROE—*Wagner & Wilson (Red Cedar, Wholesale Mrfs.)
NORTH YAKIMA—*Cascade Lumber Co. (Wholesale Mfrs.)
OKANOGAN—Dunham W. H.
Ostenberg Chas.
OLYMPIA—*Olympia Door Co.
PRESCOTT—†Geyer John
SEATTLE—Blossom-Provine Lumber Co.
*Boyd Fred. Co.
*Brace & Hergert Mill Co.
*Bryant Lumber & Shingle Mill Co.
Canal Mfg. Co.
City Sash & Door Co.
Commercial Sash & Door Co.
Curtiss Wm. M. Co., 5016 20th, N W
Dalk & Lindberg
Elmer & Moody Co.
*Nordquist & Nelson
Pacific Door & Mfg. Co.
Safety Ladder Mfg. Co.
Standard Sash & Door Co.
*Stetson & Post Lumber Co.
†Williams O. B. Co.
SPOKANE—*Dean Lumber & Fuel Co., Reagal & S. F. & N. Tracks
*Holland-Horr Mill Co.
*King Sash, Door & Lumber Co. (Wholesale Mfrs.)
*Sexton J. F. & Co.
*Spokane Sash & Door Co.
*Springston Lumber Co.
TACOMA—Bismarck Mill Co.
East Tacoma Mfg. Co.
Keystone Lumber Co.
*Pacific Mutual Door Co.
Peterman Mfg. Co.
Tacoma Fir Door Co.
Tacoma Millwork Supply Co.
Washington Mfg. Co.
Wheeler-Osgood Co. (Yellow Fir Wholesale Mfrs.)
WALLA WALLA—†Walla Walla Lumber Co.
*Whitehouse-Crawford Co.

WEST VIRGINIA.

BLUEFIELD—†Saxon Lime & Lumber Co.
CLARKSBURG—†Williams Hardware Co.
FAIRMONT—†Dickerson Building Supply Co.
HUNTINGTON—†Emmons, Hawkins Hdw. Co.
WHEELING—*Beltz J. W. Sons Co.
†Chapman W. H. & Sons
†Klieves Lumber Co.
†Wilson W. A. & Sons (Jobbers), 1409 Main

WISCONSIN.

APPLETON—†Miller Lumber Co.
†Schlafer Hardware Co.
*Standard Mfg. Co.
ASHLAND—§Scott-Taylor Co.
BAGLEY—†Brodt T. E.
BEAVER DAM—†Roedl & Jacobs Co.
BELOIT—*Cunningham Bros.
BLACK RIVER FALLS—*McGillivray Lbr. & Mfg. Co.
BRILLION—†Brillion Lumber Co.
CEDARBURG—*Hilgen Mfg. Co.
CHILTON—*Dorschel, Kroehnke Lumber Co.
CLINTONVILLE—*Rohrer D. J.
EAU CLAIRE—*Fish E. M. Co.
*Hoeppner-Bartlett J. Co.
FOND DU LAC—†Moore & Galloway Lumber Co. (Ltd.)
*Steenberg O. C. Co.
GILLETT—Gillett Building Supply Co.
GRAND RAPIDS—Ellis E. W. Lumber Co.
GREEN BAY—*East River Planing Mill Co.
*Green Bay Planing Mill Co.
HARTFORD—†Denison & Coerper
†Hartford Lumber Co.
HELENVILLE—†Reul Bros.
JANESVILLE—Cullen J. P. Construction Co.
†Fifield Lumber Co.
KAUKAUNA—*Kaukauna Lumber & Mfg. Co.
KENOSHA—*Grant Planing Mill
LA CROSSE—*Segelke & Kohlhaus Mfg. Co.
LAKE GENEVA—†Wilbur Lumber Co.
MADISON—†Brittingham & Hixon Lumber Co.
†Frederickson A. D. & J. V.
MANAWA—*Little Wolf River Lumber Co.
MANITOWOC—†Manitowoc Bldg. Supply Co.
†Schoch Christ. Lumber Co.
MARSHFIELD—*Bille Hans & Co.
MENASHA—*Menasha Mfg. Co.

WISCONSIN—continued
MILWAUKEE—*Badger Sash & Door Co., 594 Island av
†Butter Gustav A., 603 Mitchell
*Cream City Sash & Door Co. (Whol.), 601 Park
*Gruhl Sash & Door Co., 195 Stewart
*Interior Woodwork Co., 523 Park
†Meckelburg A. F. Sash & Door Co., 710 31st st
†Pederson & Grobben, 594 National av
Rockwell Mfg. Co. (Whol. Mfrs.), 572 Park
†Schmidt W. H. & Sons Co., 52 State av
†Wilbur Lumber Co., Pabst bldg
NEENAH — Hardwood Products Co. (Doors)
OSHKOSH — *Foster Lothman Mills (Wholesale)
*Gould Mfg. Co. (Wholesale)
*McMillen R. Co. (Wholesale)
*Morgan Co. (Sash, Open, Glazed; Doors, Veneered Doors, Blinds, Shutters)
*Paine Lumber Co. (Ltd.) (Wholesale, for the Trade Only)
*Radford Bros. & Co. (Wholesale)
RACINE—*Driver Thos. & Sons Mfg. Co. (Ltd.)
Dumphy Wm. Mfg. Co.
Racine Puttyless Window Co. ("Puttyless Hotbed Sash")
RHINELANDER—†Lewis Hardware Co.
RICE LAKE—*Rice Lake Mfg. Co.
RIPON—Ripon Veneer & Box Works (C. T. Timm, Prop'r)
SHEBOYGAN—*Mueller H. G. Lumber & Mfg. Co.
*Sheboygan Woodworking Co.
SPARTA—*Sparta Sash & Door Co.
STEVENS POINT—*Vetter Mfg. Co.
WAUKESHA—*Wilbur Lumber Co.
WAUPACA—†Nelson A. G. Lumber Co.
WAUSAU—Curtis & Yale Co. (Wholesale Mfrs.)
Kuebler J. M. Co. (Wholesale Mfrs.)
WEST ALLIS—*Radcliffe Mfg. Co.

WYOMING.

EVANSTON—†Atkinson Lumber & Real Estate Co.
RAWLINS—Daley R. A.
†Larsen Hans

12920—Sash (English Casement)

International Casement Co., Jamestown, N. Y.

12921—Sash (Greenhouse & Hot Bed)

Columbus Iron Works (Wholesale Mfrs), Columbus, Ga.
Hyde-Murphy Co., Ridway, Pa.
Jacobs S. & Sons, 1365 Flushing av, Brooklyn, N. Y.
King Construction Co., North Tonawanda, N. Y.
Lockland Lumber Co., Benson & Mill, Lockland, O.
Lord & Burnham Co., 30 E 42d, New York
Lutton William H. Co., Jersey City, N. J.
Moninger John C. Co., 900 Blackhawk, Chicago, Ill.
Sanders Bros. Mfg. Co., Ottawa, Ill.
Selden Cypress Door Co., Palatka, Fla.
STEARNS A. T. LUMBER CO., 100 Taylor, Neponset, Boston, Mass.
See adv index at end of book
Sunlight Double Glass Sash Co., Louisville, Ky.
Woodbury Mill & Lumber Co., Woodbury, N. J.

Sash (Metallic)

See Window Frame & Sash, Metallic

Sash Opening Apparatus

See Sash Operating Device; also Ventilating Apparatus for Power House, etc.

12922—Sash Operating Device

Advance Co. ("Advance" Automatic Roller Bearing), 542 N 14th, Richmond, Ind.
Corbin P. & F., New Britain, Conn.
Dean O. J. & Co., Distributors ("Advance" Automatic Roller Bearing) Association bldg, Chicago, Ill.
Drouve G. Co. ("Straight Push," "Lovell," Worm & Gear), 40 Tulip, Bridgeport, Conn.
Hitchings & Co., 1170 B'way, New York
King Construction Co., North Tonawanda, N. Y.
Lord & Burnham Co., 30 E 42d, New York
Metallic Sash Operator Co., 2233 Chestnut, St. Louis, Mo.
Payson Mfg. Co. ("Harris," "Idiol," "Superior," "Reliance," "Triumph," "Duplex," "Purtees," "Monarch"), 2918 W Jackson blvd, Chicago, Ill.
Richmond Safety Gate Co., Richmond, Ind.
Thorn J. S. Co. ("Brand"), 20th & Allegheny av, Phila., Pa.
Wolf Machine Co., Dayton, O.

Sash (Steel)

See Window Frame & Sash, Wrought Steel

Sash (Storm)

See Storm Doors & Windows

12923— Sash Weights

American Lead Co. (Lead), 3116 Penn av, Pittsburgh, Pa.
American Mining Tool Co., Ottumwa, Ia.
Bartlett A. F. & Co., Saginaw, Mich.
Bates Elevator Co., 211 President, Baltimore, Md.
Blatchford E. W. Co. (Lead), 230 N Clinton, Chicago, Ill.
Boston Sash Weight Co., 79 Mills, Boston, Mass.
Brown E. E., & Co. (Iron), McKean & Meadow, Phila., Pa.
Buchanan Foundry Co., Lebanon, Pa.
Caldwell & Drake Iron Works ("Rohrer's" Sectional), Columbus, Ind.
Canton Sash Weight Co., Canton, O.
Chadwick-Boston Lead Co. (Lead), Boston, Mass.
Cheney S. & Son (Cast), Manlius, N. Y.
Connecticut Cord Iron Corp., Norwich, Conn.
Decatur Cornice & Rfg. Co., Decatur, Ill.
Delaware Sash Weight Co., Wilmington, Del.
Detroit Lead Pipe Works (Lead), Detroit, Mich.
De Ved & Sons Sash Weight Co., 807 S Howard, Baltimore, Md.
Drummond Mfg. Co. (Cast Iron), Louisville, Ky.
Dutton E. Q. & Co. (Cast Iron), Cato, N. Y.
Ephrata Foundry & Machine Works, Ephrata, Pa.
Etna Foundry Co., Etna, Pa.
Galena Iron Works Corp., Galena, Ill.
Germania Supply & Fdry. Co., Covington, Ky.
Glascock Stove & Mfg. Co. (Cast Iron Link), Greensboro, N. C.
Grey Iron Casting Co. (Sectional), Mt. Joy, Pa.
Hastings Foundry & Iron Works, Hastings, Neb.
Iron City Foundry Co. ("I. C. F." Sectional), Lebanon, Pa.
Janney & Co., Montgomery, Ala.
Johnston & Jennings Co., Addison rd. & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
Keagy & Lear Machine Co., Coshocton, O.
Kings County Iron Foundry Co. (Sectional & Regular), Gardner & Meserole, Brooklyn, N. Y.
Lawrence Shot & Lead Co. (Lead), Omaha, Neb.
Levering Bros., Wicomico & Monroe, Baltimore, Md.
Lewis Jno. T. & Bros. Co. (Lead), Lafayette bldg, Phila., Pa.
Lissberger, Marks & Son (Lead), 281 Borden av, Long Island City, N. Y.
Los Angeles Foundry Co., Los Angeles, Cal.
McDowell Fdry Co. (Iron), Chicago Heights, Ill.
Menzel & Jeffery Co. (Iron), 900 S 14th, Minneapolis, Minn.
National Lead Co. (Lead), 111 B'way, New York
Over Ewald (Round & Square, Iron & Lead), Indianapolis, Ind.
Paxton & Verling Iron Works (Iron), Omaha, Neb.
Pugh Foundry Co., 19 W Levee, Kansas City, Mo.
Quinn Wire & Iron Works, Boone, Ia.
Raymond Lead Co. (Lead), 735 S Washtenaw av, Chicago, Ill.
Roanoke Iron & Bridge Works, Inc. (Cast Iron), Roanoke, Va.
Rochester Lead Works (Lead), Rochester, N. Y.
Sanborn Sectional Weight Co., 280 Madison av, New York
Selby Smelting & Lead Co. (Lead), 201 1st, San Francisco, Cal.
Sprecher's I. G. Sons, Ephrata, N. Y.
Standard Foundry Co., Buffalo, N. Y.
Sybilla Elevator & Mfg. Co., Chattanooga, Tenn.
Tatham & Bros. (Lead), 226 S 5th, Phila., Pa.
Thayer Foundry Co., Atchison, Kans.
Tuscaloosa Iron Works, Tuscaloosa, Ala.
United Lead Co. (Lead), 111 B'way, New York
Waterbury Foundry Co., Waterbury, Conn.
Western Foundry & Sash Weight Co. (Cast Iron), 2d & Miller, St. Louis, Mo.
Western Iron & Foundry Co., Wichita, Kans.
Windsor Mfg. Co. (Lead), 570 Clinton, Milwaukee, Wis.
York Foundry & Engineering Works (Cast Iron), York, Neb.

12924—Satchels (Letter Carrier's, Etc.)

American Commercial Corp., 120 B'way, New York

12925— Satin White

Kalbfleisch Corp., 31 Union sq, New York
PAPER MAKERS CHEMICAL CO., Easton, Pa.
Providence Drysalters Co., East Greenwich, R. I.

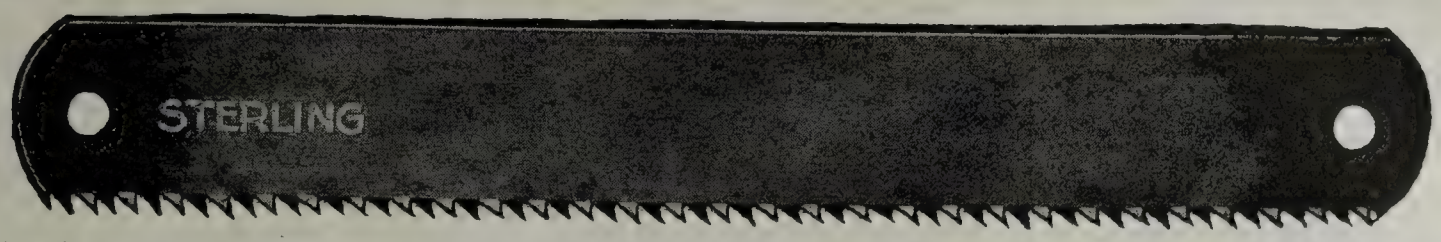
12926—Savers (Gasoline Fuel)

Aeroframe Co., Inc., 107 Moss av, Boston, Mass.
Mills Mfg. Co., Sabina, O.
Morse Gasoline Economizers Co., Barrington, R. I.
National Motor Supply Co., 5604 Euclid av, Cleveland, O.
Stewart Alfred C. Machine Works, Los Angeles, Cal.

12927—Saw Benches or Tables

American Sawmill Machinery Co. ("American"), Hackettstown, N. J.
American Wood Working Machinery Co., Rochester, N. Y.
Badger State Machine Co. (Self-Feed Rip, Saw & Combination), Janesville, Wis.
Baker Bros. ("Baker" Universal Saw Bench), Toledo, O.
Baldwin, Tuthill & Bolton (Iron Frame Saw Tables), Grand Rapids, Mich.
Beach Mfg. Co. (Rip & Cut-off), Montrose, Pa.
Carey W. W. Co. (Circular), Lowell, Mass.
Challenge Co., Batavia, Ill.
Chase Turbine Mfg. Co. (Power Feed), Orange, Mass.
Colburn Machine Tool Co. ("Universal"), Franklin, Pa.
Colladay Jos. O. Co., 626 Race, Phila., Pa.
Connell & Dengler Machine Co. (Iron or Wood Table), Rochester, N. Y.
Covel Mfg. Co., Benton Harbor, Mich.
Crescent Machine Co. (Combination), Leetonia, Ohio
Dodds Alex. Co. (Circular), Grand Rapids, Mich.
Fairbanks E. & T. & Co., St. Johnsbury, Vt.
Fay J. A. & Egan Co., Cincinnati, O.
Frank Machinery Co., Buffalo, N. Y.
Gallagher Mfg. Co. (Saw Bench, for Metal), Lynn, Mass.
Gee Chas. E. ("Gee" Single & Adjustable Circular Saw Benches), Lowell, Mass.
Goodspeed Machine Co., Winchendon, Mass.
GRABO E. O. MACHINE WORKS (For Metal), 180 Centre, New York
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Grand Rapids Hand Screw Co. (Wood Frame), Grand Rapids, Mich.
Greenlee Bros. & Co. (Automatic), Rockford, Ill.
Hall & Brown Woodworking Machine Co., 1913 N B'way, St. Louis, Mo.
Hildreth Bros. (Tables Only), Harvard, Mass.
Holmes E. & B. Machy. Co., Buffalo, N. Y.
Hub Machine Welding & Contracting Co. ("Acme" Metal), 22nd & Race, Phila., Pa.

Hack "STERLING" Saws



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Kane & Roach (Circular Saw Tables), Syracuse, N. Y.
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Murray D. J. Mfg. Co. (Self Feed, etc.), Wausau, Wis.
National Woodworking Machine Co., Dover, N. H.
New Winona Mfg. Co., Winona, Minn.
Oliver Machinery Co. ("Oliver," "Universal" Saw Benches & Tables), Grand Rapids, Mich.
Power L. & Co., 20 S 23d, Phila., Pa.
Pryibil P. Machine Co. (Metal), 520 W 41st, New York
Root B. M. Co., York, Pa.
Royle John & Sons (For Photo Engravers & Electrotypers, Stampmakers, etc), Paterson, N. J.
Sidney Tool Co. ("Defiance" Saw Tables and Jointers), Sidney, O.
Silver Mfg. Co., Salem, O.
Smith H. B. Machine Co., Smithville, N. J.
Standard Saw Mill Machinery Co., Erie, Pa.
Stewart S. A. (Bench Saw Table), Waltham, Mass.
Tidey M. B., 80 Warren, Newark, N. J.
Tidey F. W., Irvington, N. J.
U. S. Machine Co. (Self Feed), Williamsport, Pa.
U. S. Wind Engine & Pump Co. (Horse Power), Batavia, Ill.
Yates P. B. Machine Co., Beloit, Wis.

12928—Saw Blades (Band & Jig)

Cocker Saw Mfg. Co., Lockport, N. Y.
Crescent Machine Co., Leetonia, O.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Oliver Machinery Co., Grand Rapids, Mich.
Sheffield Works, Inc., 86 Warren, New York *See adv index at end of book*
SIMONDS MFG. CO., Fitchburg, Mass. *See adv index at end of book*
Swett Frank W. & Son, 1716 W Adams, Chicago, Ill.

12929— Saw Blades (Cold)

Atkins E. C. & Co., Indianapolis, Ind.
Hunter Saw & Machine Co. (Inserted Tooth, for Metal Cutting), 57th & Butler, Pittsburgh, Pa.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Sheffield Works, Inc., 86 Warren, New York *See adv index at end of book*
SIMONDS MFG. CO., Fitchburg, Mass. *See adv index at end of book*
Tindel-Morris Co. (High Carbon Crucible Steel Plate with Inserted Teeth), Eddystone Pa., & Ellwood City, Pa.

12930—Saw Blades (Hack, Flexible Back)

Alston Saw & Steel Co., Folcroft, Pa.
Atkins E. C. & Co., Indianapolis, Ind.
Huther Bros., Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Ohlen J. & Sons Saw Mfg. Co., 931 Buttles, Columbus, O.
Sheffield Works, Inc. 86 Warren, New York. *See adv index at end of book*
Thompson H. G. Son & Co. ("Eureka," "X. L.," "T. T.," "Jeweler"), New Haven, Conn.
West Haven Mfg. Co. ("Utility"), New Haven, Conn.

12931— Saw Blades (Hack, for Metal)

DIAMOND SAW & STAMPING WORKS ("Sterling"), 357 7th. Buffalo, N. Y. *See adv index at end of book*
Disston Henry & Sons, Tacony, Phila., Pa.
Gladium Co., 127 Duane, New York
Napier Saw Wks. ("Quality"), Springfield, Mass.
Latshaw Steel & Metal Products Corp., 220 B'way, New York *See adv index at end of book*

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Wire, Rails, Rods, Drills, Files
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Pittsburgh Gage & Supply Co. ("Damascus"), 30th & Liberty av, Pittsburgh, Pa.
SHEFFIELD WORKS, INC., 86 Warren, New York. *See adv index at end of book*
Thompson H. G. & Son Co., ("Milford," "All Hard," "Eureka," "X. L.," "T. T.," "Jeweler"), New Haven, Conn.
West Haven Mfg. Co. ("Universal" all Hard) ("Utility" Soft Back), West Haven, Conn.

12931a— *Saw Blades in Coils

Sheffield Works, Inc., 86 Warren, New York. *See adv index at end of book*
SIMONDS MFG. CO., Fitchburg, Mass. *See adv index at end of book*

Saw Blades (Stone)

See Stone Saw Blades, Steel

12932— Saw Blades & Frames (Hack)

See also Hack Saw Machines

American Saw & Mfg. Co. ("Lenox," "Apex"), Springfield, Mass.
Arcade Mfg. Co., Freeport, Ill.

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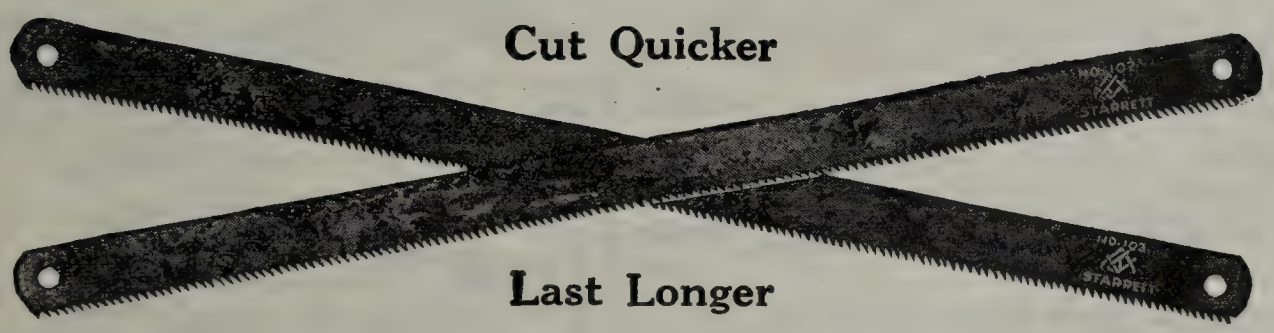

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Atkins E. C. & Co., Indianapolis, Ind.
Boker H. & Co. ("Intra" Hack Saw Blades), 101 Duane, New York
Boston Saw & Tool Co., Inc., 76 Freeport, Boston, Mass.
Bridgeport Hardware Mfg. Corp. (Matchless" Adjustable Frames), Bridgeport, Conn.
Bucher-Smith Co. (Power Hack Saw Machines), East Liverpool, O.
Buffum Tool Co. ("Swastika" Adjustable Frames Only), South Side, Louisiana, Mo.
Clarke's Saw & Machine Wks., 66 Alpine, Newark, N. J.
Clemson Bros., Middletown, N. Y.
Clemson Knife Co. (Bracket & Butchers' Saws), Woburn, Mass.
Cutter & Wood Supply Co., 68 Pearl, Boston, Mass.
DIAMOND SAW & STAMPING WORKS ("Sterling," for Structural Steel Work), 357 7th, Buffalo, N. Y.
See adv index at end of book
Dikeman Mfg. Co. (Extension Hack Saw Frames), Norwalk, Conn.
Disston Henry & Sons, Tacony, Phila., Pa.
Goodell-Pratt Co. ("G." "G. P. 888"-"G. P. 777"), Greenfield, Mass.
Grey Iron Casting Co. (Family Hack Saws), Mt. Joy, Pa.
Griffin G. W. Co., Franklin, N. H.
Grover File Co., Nashua, N. H.
Harris Samuel & Co., 114 N Clinton, Chicago, Ill.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Jennings C. E. & Co., 71 Murray, New York
Lutz File Co. ("Victor"), 806 B'way, Cincinnati, O.
Millers Falls Co. ("Star"), 28 Warren, New York. Works: Millers Falls, Mass.
Montgomery & Co. ("Fulton" Blades), 105 Fulton, New York
Ohlen J. & Sons Saw Mfg. Co., 931 Factory, Columbus, O.
Prentiss, Henry & Co., Inc. (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York
See adv index at end of book
Quality Saw & Tool Works ("Quality"), Springfield, Mass.
RACINE TOOL & MACH. CO. (Blades Only), Racine, Wis.
See adv index at end of book
Roberson W. Machinery & Foundry Co. ("Economy"), 56 Rano, Buffalo, N. Y.
Ross Mfg Co. ("Perfecto" Blades), 1225 Lydia, Kansas City, Mo.
S. & I. Co. ("S. & I."), Springfield, Mass.
Sawyer Tool Mfg. Co. (Frames), Ashburnham, Mass.
Sheffield Works, Inc., 86 Warren, New York. *See adv index at end of book*
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
SMITH & HEMENWAY CO., INC. ("Red Devil" Hack Saw Frame), 261 B'way, New York; 130 Coit, Irvington, N. J.
See adv index at end of book

"Red Devil" Hack Saw Blades

HARD AND FLEXIBLE

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See adv index at end of book
Thompson H. G. & Son Co. ("Milford" Hack Saw & Blade; also "Lock Extension," & Master Grip Frames), New Haven, Conn.
Union Hardware Co. (Frames Only), Torrington, Conn.
Union Tool Co. (Frames), Orange, Mass.
Victor Saw Wks. ("Victor"), Springfield, Mass.
West Haven Mfg. Co. ("Universal," "Utility" Blades, "Easy Grip Extension" Frames), West Haven, Conn.
Williamsburg Mfg. Co. (Frames), Williamsburg, Mass.
Wolverine Saw Co., Detroit, Mich.

12933—Saw Bucks & Frames

Adams Husker Co. (Cross-Cut Saw Frames), Marysville, O.
Chapin-Stephens Co. (Turning Saw Frames & Saws), Pine Meadow, Conn.
Disston Hy & Sons, Tacony, Phila., Pa.
Galloway Wm. Co., Waterloo, Ia.
Goodell-Pratt Co. (Butchers, Frames), Greenfield, Mass.
Hutchinson Homer H., Bristol, N. H.
Robinson M. W. Co., 203 37th, Brooklyn, N. Y.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Tucker & Dorsey Mfg. Co. ("Hoosier" Folding Saw Buck), Indianapolis, Ind.

12934—Saw Coils (Butchers')

NICHOLS BROS. ("Nichols Bros," 50 feet long), Greenfield, Mass.
Sheffield Works, Inc., 86 Warren, New York. *See adv index at end of book*

Saw Filers & Setters

See Machines, Saw Filing & Setting; also Machines, Saw Sharpening

12935—Saw Mill Feeds (Steam)

Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Diamond Iron Works, 2nd & 18th av N, Minneapolis, Minn.
Filer & Stowell Co., Milwaukee, Wis.
Pawling & Harnischfeger Co. (Steam Feed Engines), Milwaukee, Wis.
Soule Steam Feed Works, Meridian, Miss.

Saw Mills

See Lumber Manufacturers

12936— Saw Mills (Band)

ALLIS-CHALMERS MFG. CO. (Single & Double Cutting & Telescopic), Milwaukee, Wis
See adv index at end of book
Clark Bros. Co., Olean, N. Y.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Diamond Iron Works (Single & Double Cutting), 2nd & 18th av N, Minneapolis, Minn.
Filer & Stowell Co., Milwaukee, Wis.
Garland M. Co., Bay City, Mich.
Giddings & Lewis Mfg. Co., Fond du Lac, Wis.
Humphrey Machine Co., Keene, N. H.
Lombard Iron Works & Supply Co., Augusta, Ga.
McDonough Mfg. Co., Eau Claire, Wis.
Manistee Iron Works Co., Manistee, Mich.
Mershon W. B. & Co., Saginaw, Mich.
Murray D. J. Mfg. Co., Wausau, Wis.
Phoenix Mfg. Co. (Portable, etc), Eau Claire, Wis.
Portland Iron Works, 14th & Northrup, Portland, Ore.
Sinker-Davis Co., Indianapolis, Ind.
Stearns Co., Erie, Pa.
Wheland Company, Chattanooga, Tenn.
Woodruff Machinery Mfg. Co., Winder, Ga.

12937— Saw Mills (Circular)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
American Saw Mill Machinery Co., Hackettstown, N. J.
Bartley Wm. & Sons (Portable), Bartley, N. J.
Chandler & Taylor Co., Indianapolis, Ind.
Chase Turbine Mfg. Co., Orange, Mass.
Clark Bros. Co., Olean, N. Y.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Le Loach Mill Mfg. Co., Bridgeport, Ala.
Diamond Iron Works, 2nd & 18th av N, Minneapolis, Minn.
Emerson-Brantingham Co. ("Reeves," "Geiser Peerless Presses"), Rockford, Ill.
Enterprise Co., Columbiana, Ohio
Farquhar A. B. Co. (Ltd.), York, Pa.
Filer & Stowall Co., Milwaukee, Wis.
Fisher & Davis Mfg. Co., St. Louis, Mo.
Frick Co., Waynesboro, Pa.
Garland M. Co., Bay City, Mich.
Giddings & Lewis Mfg. Co., Fond du Lac, Wis.
Heilman Machine Works, Evansville, Ind.
Knight Mfg. Co., Canton, O.
Lane Mfg. Co. (Lane Patent Lever-Set), Montpelier, Vt.
Lombard Iros Wks. & Supply Co., Augusta, Ga.
Lyon Iron Works ("Standard"), Greene, N. Y.
Moltz Jacob J., Williamsport, Pa.
Murray D. J. Mfg. Co., Wausau, Wis.
Phoenix Mfg. Co., Eau Claire, Wis.
Quick & Thomas Co., Auburn, N. Y.
Ricker T. H. & Sons Co., Harrison, Me.
Rockford Mfg. Co., Indianapolis, Ind.
Russell & Co., Massillon, O.
Salem Iron Works, Winston-Salem, N. C.
Scheidler Machine Works Co., Newark, O.
Sinker-Davis Co., Indianapolis, Ind.
Smalley Mfg. Co., Manitowoc, Wis.
Southern Engine & Boiler Wks., Jackson, Tenn.
Standard Saw Mill Machinery Co., Erie, Pa.
Stearns Co., Erie, Pa.
Union Iron Works, Bangor, Me.
Wheland Co., Chattanooga, Tenn.
Woodruff Machinery Mfg. Co., Winder, Ga.
Yates P. B. Machine Co., Beloit, Wis.

12938— Saw Mills (Drag)

American Saw Mill Machinery Co., Hackettstown, N. J.
Chandler & Taylor Co., Indianapolis, Ind.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Filer & Stowell Co., Milwaukee, Wis.
Garland M. Co., Bay City, Mich.
Giddings & Lewis Mfg. Co., Fond du Lac, Wis.
Globe Foundry & Machine Co., (Self-Feed), Sheboygan, Wis.
Howell R. R. & Co., 31st av, Minneapolis, Minn.
Kline Lewis T. (Drag Saw Machines), Alpena, Mich.
Lane Mfg. Co., Montpelier, Vt.
Lyon Iron Works ("Standard"), Greene, N. Y.
Smalley Mfg. Co., Manitowoc, Wis.
Southern Engine & Boiler Works, Jackson, Tenn.
Stearns Co., Erie, Pa.
Trevor Mfg. Co. (For Handle Factories, etc), Lockport, N. Y.
Union Iron Works, Bangor, Me.

12939— Saw Mills (Gang)

American Saw Mill Machinery Co., Hackettstown, N. J.
Diamond Iron Works ("Diamond" Belt, etc), 2nd & 18th, Av N, Minneapolis, Minn.
Filer & Stowell Co., Milwaukee, Wis.
Giddings & Lewis Mfg. Co., Fond du Lac, Wis.
Henderson W. K. Iron Works & Supply Co., Shreveport, La.
Stearns Co., Erie, Pa.
Union Iron Works, Bangor, Me.
Wickes Bros., Saginaw, Mich.
See adv index at end of book

12940—Saw Mills (Portable)

Abenaque Machine Works (Circular Saw Outfit), Westminster Station, Vt.
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
See adv index at end of book
American Saw Mill Machinery Co., Hackettstown, N. J.
Burlingame A. Co., Worcester, Mass.
Chandler & Taylor Co., Indianapolis, Ind.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Emerson - Brantingham Co. ("Reeves," "Geiser Peerless"), Rockford, Ill.
Enterprise Co. ("New Buckeye"), Columbiana, O.
Farquhar A. B. Co. (Ltd.), York, Pa.
Fisher & Davis Mfg. Co., St. Louis, Mo.

Frick Co., Waynesboro, Pa.
Gainesville Iron Works, Gainesville, Ga.
Heilman Machine Works, Evansville, Ind.
Hench & Dromgold Co., York, Pa.
Howell R. R. & Co., 31st av., Minneapolis, Minn.
Ireland Machine & Foundry Co., Norwich, N. Y.
Keck-Gonnermann Co., Mount Vernon, Ind.
Liddell Co., Charlotte, N. C.
Lombard Iron Works & Supply Co., Augusta, Ga.
Lyon Iron Works, Greene, N. Y.
Mecklenburg Iron Works, Charlotte, N. C.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Rumely Leo Tractor Co. ("Gear Scott"), La Porte, Ind.
Russell & Co., Massillon, O.
Salem Iron Works, Winston-Salem, N. C.
Scheidler Machine Works, Newark, O.
Sergeant Mfg. Co., Greensboro, N. C.
Southern Engine & Boiler Works, Jackson, Tenn.
Standard Saw Mill Machinery Co., Erie, Pa.
Thomas Albright Co., Goshen, Ind.
Westinghouse Co., Schenectady, N. Y.

Saw Re-Toothers

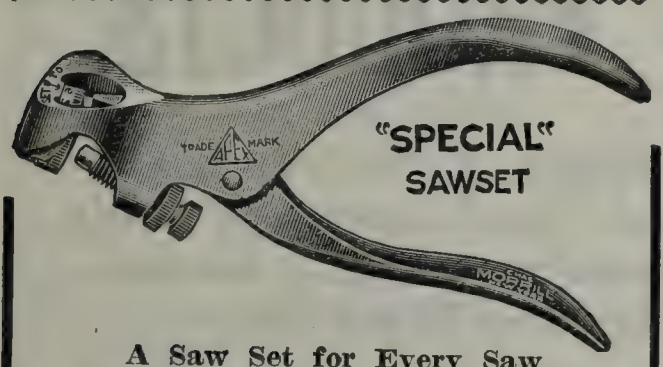
See Saw Stretching Machines

Saw Rigs (Portable)

See Sawing Rigs, Portable

12941— Saw Sets

Atkins E. C. & Co., Indianapolis, Ind.
Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Bergman Tool Mfg. Co., Buffalo, N. Y.
Boker Cutlery & Hardware Co., Inc. (Imported), 101 Duane, New York
Buckeye Mfg. Co. (" Buckeye," Foot Power), Foundry: 2046 W 55th, Cleveland, O.
Buffum Tool Co. ("Swastika" Carpenters'), South Side, Louisiana, Mo.
Bullock Mfg. Associates ("Lester," "Leach Pattern," "Aiken Pattern"), Springfield, Mass.
Covel Mfg. Co., Benton Harbor, Mich.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Disston Hy. & Sons ("Monarch," "Champion," "Bully Boy," "Samson," "Star," "Triumph"), Tacony, Phila, Pa.
Goodell-Pratt Co., Greenfield, Mass.
Holt G. L. Co. ("Holt"), Hartford, Conn.
Hurst H. L. Mfg. Co., Canton, O.
Johnson Wm. (Hedenberg Works, Hammer, Common & Stillman Lever), Newark, N. J.
Kilborn & Bishop Co. (Whiting," "Woodman," "Handy" Forged), New Haven, Conn.
Landers, Frary & Clark Co. ("Nash's," Hardware Specialties), New Britain, Conn.
Lowentraut P. Mfg. Co. ("Aiken's"), 36 Brenner, Newark, N. J.
MORRILL CHAS. ("Morrill" & "Apex" Brands), 100 Lafayette, New York
See adv index at end of book



A Saw Set for Every Saw
" Special " and No. 1 for hand saws not over 16 gauge.
No. 3 for cross-cut and circular saws, 14 to 20 gauge.
No. 4 for Champion " M " and double toothed saws, 14 to 20 gauge.
No. 5 for Timber and Board saws, 6 to 14 gauge.
CHAS. MORRILL
100 Lafayette Street, New York

Morrill Chas. ("Morrill" & "Apex" Brands), 100 Lafayette, New York
Peck, Stow & Wilcox Co., Southington, Conn.
Prouty C. & Co. (Steel), Eldred, Pa.
Sargent & Co. ("Aiken Pattern," "S. & Co."), New Haven, Conn.
Sayre L. A. Co. ("Holt Pattern," "Morrill Pattern," "Peerless," "Aiken Pattern"), 332 Mulberry, Newark, N. J.
Sheffield Works, Inc., 86 Warren, New York. *See adv index at end of book*
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Smith Seymour & Son (Hammer & Lever), Oakville, Conn.
SMITH & HEMENWAY CO., INC., 261 B'way, New York; & 130 Coit, Irvington, N. J. *See adv index at end of book*
Springfield Machine Co., Springfield, Mass.
Stearns E. C. & Co. ("Stearns"), 450 Oneida, Syracuse, N. Y.
Taintor H. F. 2 Rector, New York
Vom Cleff & Co. (Imported), 105 Duane, New York

12942— Saw Slashers

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Diamond Iron Works, 2nd & 18th av N, Minneapolis, Minn.
Filer & Stowell Co., Milwaukee, Wis.
Garland M. Co., Bay City, Mich.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

Saw Swages

See Swages, Saw

Saw Tables

See Saw Benches or Tables; also Saw Tables for Metal

12943—Saw Tables for Metal

Bridgeport Engineering Co., Bridgeport, Conn.
GRABO E. O. MACHINE WORKS, 180 Centre, New York
Hub Machine Welding & Contracting Co. ("Acme"), 22nd & Race, Phila., Pa.

12944— Saw Teeth

Corley Mfg. Co., Chattanooga, Tenn.
Keystone Drop Forge Works (Drop Forge), Chester, Pa.
Sheffield Works, Inc., 86 Warren, New York *See adv index at end of book*
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Southern Saw Works, East Point, Ga

12945—Saw Teeth (Diamond)

Meyers Willard F. Machine Co. ("Diabrasive"), 614 Hamilton, Astoria, N. Y.

12946—Saw & Hook (Pruning)

Cronk & Carrier Mfg. Co. ("Elmira"), 150 Lake Elmira, N. Y.
See adv index at end of book

12947—Saw & Rotary Planer (Combined)

Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.

12948— Sawdust

Chapin-Stephens Co. (Boxwood), Pine Meadow, Conn.
Estes E. B. & Sons (Boxwood, Hardwood, Softwood, etc), 364 5th av, New York
See adv index at end of book
Herne J. F. Co. (Hardwood), Sanford, Boston, Mass.
Lignum Chemical Works (Rock Maple & Boxwood), Morgan av, Brooklyn, N. Y.
NATIONAL SAWDUST CO. (All Kinds for All Purposes), 102 N 1st, B'klyn, N. Y.
Sommer John Faucet Co. (Turkey Boxwood), 355 Central av, Newark, N. J.

12949—Sawing Rigs (Engine Driven, Combination)

Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.

12950—Sawing Rigs (Portable)

Badger Gas & Gasoline Engine Co., Kansas City, Kans.
C. H. & E. Mfg. Co. ("C. H. & E.," with Power "built in" for Contractors, etc), 384 Clinton, Milyaukee, Wis.
Carpenter Geo. B. & Co., 440 N Wells, Chicago, Ill.
Charter Gas Engine Co. (For Cord Wood or Pole Sawing), Sterling, Ill.
Emerson-Brantingham Co. ("Geiser" Equipped with Gasoline Engine), Rockford, Ill.
Fairbanks, Morse & Co. (With Engine), 900 S Wabash av, Chicago, Ill.
Kansas City Engine Works ("Elliott"), Kansas City, Mo.
Novo Engine Co., Lansing, Mich.
Parks Ball Bearing Machine Co., Knowlton & Fergus, Cincinnati, O.
Ransome-Leach Co. ("Oshkosh"), 115 B'way, New York
Stover Engine Works (With Gasoline Engine), Freeport, Ill.
Termaat & Monahan Mfg. Co., Oshkosh, Wis.
United Engine Co., Lansing, Mich.
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.
Witte Engine Works (Stationary), 16th & Oakland, Kansas City, Mo.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

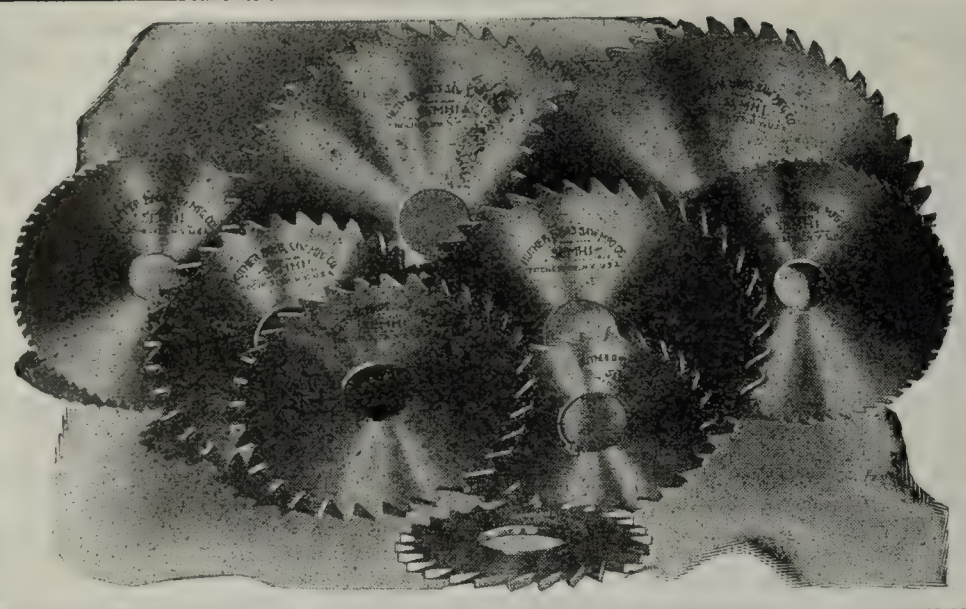
12951—Sawing Rigs (Portable Rip Swing Cross-Cut)

Ransome-Leach ("Oshkosh," Heavy), 115 B'way, New York

When writing to firms whose names appear in this book please mention
HENDRICKS' COMMERCIAL REGISTER.

12952— Saws

Under This Heading See Sub-classifications
Ambler Saw Mfg. Co. (Band & Circular), Natick, Mass.
Atkins E. C. & Co., Indianapolis, Ind.
Barcus Bros., Muskegon, Mich.
Barnes Tool Co., New Haven, Conn.
Beach Mfg. Co. (Cut-Off Wood, Double & with 2 & 3 Tracks), Montrose, Pa.
Birmingham Saw Works, Birmingham, Ala.
Bishop George H. & Co., Lawrenceburg, Ind.
Branch Saw Co., 2323 N 9th, St. Louis, Mo.
Broadhead Jos., Manistee, Mich.
Buckeye Saw Mfg. Co., Columbus, O.
California Saw Works, 721 Brannan, San Francisco, Cal.
Canton Saw Co., Canton, O.
Chattanooga Saw Works, Chattanooga, Tenn.
Clemson Bros. Middletown, N. Y.
Cocker Saw Mfg. Co., Lockport, N. Y.
Crescent Co., Inc., Meriden, Conn.
Curtis & Co., Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Decker E. F. Saw Works, Albany, N. Y.
Detroit Saw & Tool Co., Detroit, Mich.
DIAMOND SAW & STAMPING WORKS ("Sterling" Hack), 357 7th, Buffalo, N. Y. *See adv index at end of book*
Disston Henry & Sons, Tacony, Phila., Pa.
Edge Frank & Co., Grand Rapids, Mich.
Emerson, Smith & Co. (Ltd.), Beaver Falls, Pa.
Fisherville Saw Co., Penacook, N. H.
Gerlach Peter Co., 1712 Winter, Cleveland, O.
Gladium Co. Inc., 127 Duane, New York
Goes Oscar & Co., 1822 W Lake, Chicago, Ill.



Metal Slitting Saws
Trade **SEMHI** Mark
and
High Speed Steel

Milling Saws
Trade **SEMHI** Mark
and Patent Inserted Tooth with High Speed Steel Inserts

Flexible Back and All Hard Hack Saw Blades, Metal Cutting Band Saw Blades. Metal Slitter Cutters. A complete line of Saws

HUTHER BROTHERS SAW MFG. CO.
ROCHESTER, N. Y., U. S. A.

SAWS—continued

Goodrich H. M., Bellingham, Wash.
Hoe R. & Co., 504 Grand, New York
Hunter Saw & Machine Co. (Circular Saws for Metal), 57th & Butler, Pittsburgh, Pa.
Huther Bros. Saw Mfg. Co., Rochester, N. Y.
See adv index at end of book
Jennings C. E. & Co. (Br[illegible]), 71 Murray, New York
Kennedy Ralph M., 111 N 7th, Phila., Pa.
Kentucky Saw Works, Louisville, Ky.
Lippert E. T. Saw Co., Millvale, Pa.
McNiece Wm. & Son, 515 Cherry, Phila., Pa.
Mack & Winkle, 172 Skillman av, Brooklyn, N. Y.
Menominee Saw Co., Menominee, Mich.
Michigan Saw Co., Saginaw, Mich.
Napier Saw Works, 40 Napier, Springfield, Mass.
National Mfg. & Steel Supply Co. ("Richardson Bros."), 781 Summit, Newark, N. J.
Ohlen J. & Sons Saw Mfg. Co., 931 Factory, Columbus, O.
Oldham Joshua & Sons, 112 26th, Brooklyn, N. Y.
Penfield Saw Works, Bristol, Conn.
Rex File & Saw Co., Newcomerstown, O.
Robertson Mfg. Co., 1443 Niagara, Buffalo, N. Y.
Rowe Geo. & Son, 121-23 W 2d, Cincinnati, O.
Schwartz's M. Sons, Bangor, Me.
Sheffield Works Inc., 86 Warren, New York
See adv index at end of book
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Southern Saw Works ("Southern"), East Point, Ga.
Thompson H. G. & Son Co. (Hack & Band for Metal), New Haven, Conn.
Toland & Son, Front & Low, Baltimore, Md.
Toledo Saw & Supply Co., Toledo, O.
Victor Saw Works (Hack), Springfield, Mass.
Washington Saw Co., 2724 6th S, Seattle, Wash.

Saws (Back)

See Saws, Mitre Box

12953— Saws (Band)

Ambler Saw Mfg. Co., Natick, Mass.
American Saw & Mfg. Co. (For Metal), Springfield, Mass.
Atkins E. C. & Co., Indianapolis, Ind.
Bishop George H. & Co., Lawrenceburg, Ind.
Black Diamond Saw & Machine Works, Natick, Mass.
Brand Saw Co., 2323 N 9th, St. Louis, Mo.
Burton A. J. & Son, Quincy, Mass.
Clemson Bros., Middletown, N. Y.
Cocker Saw Mfg. Co., Lockport, N. Y.
Curtis & Co., Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Decker E. F. Saw Works, Albany, N. Y.
Detroit Saw & Tool Co., Detroit, Mich.
Disston Hy. & Sons, Tacony, Phila., Pa.
Edge Frank & Co., Grand Rapids, Mich.
Emerson, Smith & Co. (Ltd.), Beaver Falls, Pa.
Gerlach Peter Co., 1712 Winter, Cleveland, O.
Goes Oscar & Co., 1822 W Lake, Chicago, Ill.
Griffin G. W. Co., Franklin, N. H.
Hastings A. J. & Co., 41 Commercial, Newark, N. J.
Henrikson Bernard T. & Co., 664 W Austin, Chicago, Ill.
Hoe R. & Co., 504 Grand, New York
Huther Bros. Saw Mfg. Co., Rochester, N. Y.
See adv index at end of book
Kennedy Ralph M., 111 N 7th, Phila., Pa.
Lippert E. T. Saw Co., Millvale, Pa.
McNiece Wm. & Son (Imp.), 515 Cherry, Phila., Pa.
Moss Arthur J., 178 Centre, New York
Napier Saw Wks. ("Quality" for Metal), Springfield, Mass.
Ohlen J. & Sons Saw Mfg. Co. (Hard, Tempered & Flexible Metal Back), 931 Factory, Columbus, Ohio
Oldham Joshua & Sons, 112 26th, Brooklyn, N. Y.
Oliver Machinery Co., Grand Rapids, Mich.
Racine Tool & Machine Co., Racine, Wis.
See adv index at end of book

SHEFFIELD WORKS INCORPORATED — TRADE DOUBLE DIAMOND MARK — NEW YORK, U.S.A.

Band Saws
"Double Diamond" Brand
ALL SIZES
HIGH QUALITY
PROMPT SERVICE

SHEFFIELD WORKS INC., 86 Warren, New York
See adv index at end of book
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

SI-MONDS

SAW STEEL PRODUCTS

Hack Saws, Slitters, Slotters, Cold Saws, Circular, Band, Cross-Cut and Hand Saws. All kinds and all sizes. Unquestionably quality leaders. Also Machine Knives, Files and Steel Discs.

WARRANTED — The Simonds Saw — FITCHBURG, MASS. CHICAGO, ILL. U.S.A. — BRANCH HOUSES

SIMONDS MFG. CO.
Established 1832
FITCHBURG, MASS.
17th Street & Western Ave., Chicago, Ill. 90 West Broadway, New York City

Southern Saw Works ("Southern"), East Point, Ga.
Standard Saw & Tool Mfg. Co., Kane, Pa.
Toland & Son, Front & Low, Baltimore, Md.
Toledo Saw & Supply Co., Toledo, O.
Wolverine Saw Co. (For Cutting Brass), Detroit, Mich.
Zeiller & Nagle, 233 Java, Brooklyn, N. Y.

Saws (Band Sprue)

See Band Sprue Sawing Machines

12954—Saws (Barrel, Stave)

Decker E. F. Saw Works, Albany, N. Y.
Disston Hy. & Sons (Cylinder), Tacony, Phila., Pa.

12955— Saws (Bilge)

Atkins E. C. & Co., Indianapolis, Ind.
Disston Henry & Sons, Tacony, Phila., Pa.

12956— Saws (Blind Slat)

Ohlen J. & Sons Saw Mfg. Co., 931 Factory, Columbus, O.

12957— Saws (Bracket)

Griffin G. W. Co., Franklin, N. H.
Millers Falls Co., 28 Warren, New York

12958— Saws (Buck)

Atkins E. C. & Co., Indianapolis, Ind.
Bishop Geo. H. & Co. (Weed), Lawrenceburg, Ind.
Decker E. F. Saw Works, Albany, N. Y.
Disston Henry & Sons, Tacony, Phila., Pa.
Ohlen J. & Sons Saw Mfg. Co., 931 Factory, Columbus, O.
Sheffield Works Inc., 86 Warren, New York
See adv index at end of book

12959—Saws (Butchers', Etc.)

Atkins E. C. & Co., Indianapolis, Ind.
Bishop Geo. H. & Co., Lawrenceburg, Ind.
Brecht Co., 1201 Cass av, St. Louis, Mo.
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Chatillon Jno. & Sons ("Chatillon"), 85 Cliff, New York
Decker E. F. Saw Works, Albany, N. Y.
Disston Henry & Sons, Tacony, Phila., Pa
Goodell-Pratt Co. (and Frames), Greenfield, Mass.
Jennings C. E. & Co. ("C. E. J. & Co.'s") 71 Murray, New York
Millers Falls Co. ("Star" Crucible Steel Back), 28 Warren, New York
Ohlen J. & Sons Saw Mfg. Co., 931 Factory, Columbus, O.
Pittsburgh Saw Co., 216 2d av, Pittsburgh, Pa.
Victor Saw Works, Springfield, Mass.
Sheffield Works, Inc., 86 Warren, New York
See adv index at end of book
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Thompson H. G. & Son Co. (Polished, also in Coils of 50 feet), New Haven, Conn.

12960— Saws (Chain Link)

Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Union Twist Drill Co., Athol, Mass.

12961— Saws (Chamfering)

Huther Bros. Saw Mfg. Co., Rochester N. Y. *See adv index at end of book*

12962— Saws (Circular)

American Saw Wks., Hackettstown, N. J.
Atkins E. C. & Co., Indianapolis, Ind.
Barcus Bros., Muskegon, Mich.
Branch Saw Co. (Inserted Teeth), 2323 N 9th, St. Louis, Mo.
Braun J. G., 609 S Paulina, Chicago, Ill.
Buckeye Saw Mfg. Co. (Inserted & Solid Tooth), Columbus, O.
Canton Saw Co., Canton, O.
Chattanooga Saw Works (Solid & Inserted Tooth), Chattanooga, Tenn.
Clemson Bros., Middletown, N. Y.
Cocker Saw Mfg. Co., Lockport, N. Y.
Curtis & Co. Mfg. Co. (Solid & Inserted Teeth), 1571 Kienlen av, St. Louis, Mo.
Decker E. F. Saw Works, Albany, N. Y.
Detroit Saw & Tool Co., Detroit, Mich.
Disston Henry & Sons (Inserted Tooth, Gullet Tooth, Solid Tooth), Tacony, Phila., Pa.
Eagle Saw Works, Chattanooga, Tenn.
Ellis Keystone Agricultural Wks., Pottstown, Pa.
Emerson, Smith & Co., Beaver Falls, Pa.
Foucart J. E., Williamsport, Pa.
Gerlach Peter Co., 1712 Winter, Cleveland, O.
Goes Oscar & Co., 1822 W Lake, Chicago, Ill.
Goodell-Pratt Co. (For Soft Metal, Bone or Ivory), Greenfield, Mass.
Hamachek Frank ("Grant"), Kewaunee, Wis.
Hastings A. J. & Co., 41 Commercial, Newark, N. J.
Hoe R. & Co., 504 Grand, New York
HUTHER BROS. SAW MFG. CO. (Solid or Inserted Tooth), Rochester, N. Y.
See adv index at end of book
Kennedy Ralph M., 111 N 7th, Phila., Pa.
Lippert E. T. Saw Co., Millvale, Pa.
McNiece Wm. & Son, 515 Cherry, Phila., Pa.
Marston J. M. & Co. (Hand & Foot Power), 226 Ruggles, Boston, Mass.
Menominee Saw Co., Menominee, Mich.
Michigan Saw Co., Saginaw, Mich.
Molthrup Steel Products Co., Beaver Falls, Pa.
Moss Arthur J., 178 Centre, New York
National Mfg. & Steel Supply Co. ("Richardson Bros"), 781 Summit, Newark, N. J.
Ohlen J. & Sons Saw Mfg. Co., 931 Factory, Columbus, O.
Oldham Joshua & Sons, 112 26th, Brooklyn, N. Y.
Oliver Machinery Co., Grand Rapids, Mich.
Penfield Saw Works, Bristol, Conn.
Prentiss Henry & Co. Inc. (Formerly Prentiss Tool & Supply Co.), 149 B'way, New York
See adv index at end of book
Quality Saw & Tool Works ("Quality" for Metal), Springfield, Mass.
Rowe Geo. & Son., 121-23 W 2d, Cincinnati, O.
Sheffield Works Inc., 86 Warren, New York
See adv index at end of book
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Southern Saw Works ("Southern"), East Point, Ga.
Tabor Mfg. Co. ("Taylor-Newbold"), 18th & Hamilton, Phila., Pa.
Thurston Mfg. Co., 140 Benedict, Providence, R. I.
Toledo Saw & Supply Co., Toledo, O.
Washington Saw Co. (Cut-off, Splitting, Spaulding Tooth, Inserted & Solid Tooth, Lath & Mitre, etc), 2724 6th S, Seattle, Wash.
Wolverine Saw So., Detroit, Mich.

12963—Saws (Circular, for Metal)

Atkins E. C. Co., Indianapolis, Ind.
Braun J. G., 609 S Paulina, Chicago, Ill.
Cocker Saw Mfg. Co., Lockport, N. Y.
Decker E. F. Saw Works, Albany, N. Y.
Disston Henry & Sons ("Premier" Inserted Tooth), Tacony, Phila., Pa.
Goodell-Pratt Co. (Small Sizes Only), Greenfield, Mass.
Harris-Corliss Engine & Machine Co., Park, Providence, R. I.
Hoe R. & Co., 504 Grand, New York
Hunter Saw & Machine Co. (For Hot or Cold Metal Crucibles, Slate, etc), 57th & Butler, Pittsburgh, Pa.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Napier Saw Works ("Quality"), Springfield, Mass.
Ohlen J. & Sons Saw Mfg. Co., 931 Factory, Columbus, O.
Roberson W. Machine & Foundry Co. ("Economy"), 56 Rano, Buffalo, N. Y.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.
See adv index at end of book
Sheffield Works Inc., 86 Warren, New York
See adv index at end of book
SIMONDS MFG. CO. (Solid & Inserted Tooth), Fitchburg, Mass.
See adv index at end of book
Thurston Mfg. Co., 140 Benedict, Providence, R. I.

12963a—Saws (Circular Milling)

HUTHER BROS. SAW MFG. CO. ("Semhi" Brand), Rochester, N. Y.
See adv index at end of book

12964—Saws (Circular, Slate)

Decker E. F. Saw Works, Albany, N. Y.
Disston Henry & Sons, Tacony, Phila., Pa.
Hunter Saw & Machine Co., 57th & Butler, Pittsburgh, Pa.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Sheffield Works Inc., 86 Warren, New York
See adv index at end of book

12965—Saws (Circular, Stone)

Cocker Saw Mfg. Co., Lockport, N. Y.
Decker E. F. Saw Works, Albany, N. Y.
Lincoln Iron Works (For Soft Stone, etc), Rutland, Vt.
Meyers Willard F. Machine Co., 614 Hamilton, Astoria, N. Y.
Ohlen J. & Sons Saw Mfg. Co., 931 Factory, Columbus, O.
Sheffield Works Inc., 86 Warren, New York
See adv index at end of book

Saws (Cold)

See Cold Saw Cutting-Off Machines

12966— Saws (Compass)

Atkins E. C. & Co., Indianapolis, Ind.
Bishop Geo. H. & Co., Lawrenceburg, Ind.
Decker E. F. Saw Works, Albany, N. Y.
Disston Hy. & Sons, Tacony, Phila., Pa.
Jennings C. E. & Co. ("C. E. J. & Co.'s"), 71 Murray, New York
Ohlen J. & Sons Saw Mfg. Co., 931 Factory, Columbus, O.
S. & I. Co. ("S & I"), Springfield, Mass.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

12967— Saws (Concave)

Atkins E. C. & Co., Indianapolis, Ind.
Cocker Saw Mfg. Co., Lockport, N. Y.
Decker E. F. Saw Works, Albany, N. Y.
Disston Henry & Sons (Circular, etc), Tacony, Phila., Pa.
Emerson, Smith & Co., Beaver Falls, Pa.
Gerlach Peter Co. (Circular), 1712 Winter, Cleveland, O.
Huther Bros. Saw Mfg. Co., Rochester, N. Y.
See adv index at end of book
Lippert E. T. Saw Co., Millvale, Pa.
Menominee Saw Co., Menominee, Mich.
Michigan Saw Co., Saginaw, Mich.
National Mfg. & Steel Supply Co. ("Richardson Bros."), 781 Summit, Newark, N. J,
Ohlen J. & Sons Saw Mfg. Co., 931 Factory, Columbus, O.
Oldham Joshua & Sons, 112 26th, Brooklyn, N. Y.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

12968— Saws (Coping)

Atkins E. C. & Co., Indianapolis, Ind.
Bridgeport Hardware Mfg. Corp. ("Matchless," "Leodall"), Bridgeport, Conn.
Griffin G. W. Co., Franklin, N. H.
Jennings C. E. & Co., 71 Murray, New York
Millers Falls Co., 28 Warren, New York
Quality Saw & Tool Works, Springfield, Mass.
S. & I. Company, Springfield, Mass.
Sheffield Works Inc., 86 Warren, New York
See adv index at end of book
SMITH & HEMENWAY CO., INC. ("Red Devil"), 261 B'way, New York, & 130 Coit, Irvington, N. J.
See adv index at end of book

12969— Saws (Cross-Cut)

Atkins E. C. & Co., Indianapolis, Ind.
Bishop Geo. H. & Co., Lawrenceburg, Ind.
Branch Saw Co. (Hand), 2323 N 9th, St. Louis, Mo.
Cocker Saw Mfg. Co., Lockport, N. Y.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Decker E. F. Saw Works, Albany, N. Y.
Disston Henry & Sons, Tacony, Phila., Pa.
Emerson, Smith & Co., Beaver Falls, Pa.
Menominee Saw Co., Menominee, Mich.

SAWS (CROSS CUT)—continued
Ohlen J. & Sons Saw Mfg. Co., 931 Factory, Columbus, O.
Prouty C. & Co., Eldred, Pa.
Root B. M. Co., York, Pa.
Sheffield Works Inc., 86 Warren, New York
See adv index at end of book
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

12970— Saws (Cylinder)

Atkins E. C. & Co., Indianapolis, Ind.
Decker E. F. Saw Works, Albany, N. Y.
Disston Henry & Sons, Tacony, Phila., Pa.
Gerlach Peter Co., 1712 Winter, Cleveland, O.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Ohlen J. & Sons Saw Mfg. Co., 931 Factory, Columbus, O.

12971— Saws (Dehorning)

Atkins E. C. & Co., Indianapolis, Ind.
Bishop Geo. H. & Co., Lawrenceburg, Ind.
Disston Henry & Sons, Tacony, Phila., Pa.
Goodell-Pratt Co., Greenfield, Mass.
Jennings C. E. & Co., 71 Murray, New York
Ohlen J. & Sons Saw Mfg. Co., 931 Factory, Columbus, O.

12972— Saws (Diamond)

Anderson Geo. & Co. (Ltd.) (Circular), Newark, N. J.
Atkins E. C. & Co., Indianapolis, Ind.
Meyer W. F. Diamond Saw Co., Bedford, Ind.
Meyers Willard F. Machine Co. (Reciprocating & Circular), 614 Hamilton, Astoria, N. Y.
Royden Marble Machinery Co., 137 E 25th, New York
Whittle Chas. L. (For Rocks, Minerals, Fossils, Glass, Porcelain, etc), 50 Congress, Boston, Mass.

Saws (Drag)

See Drag Saw Machines

12973— Saws (Drop)

United Engineering & Foundry Co. (Motor Driven), 307 5th av, Pittsburgh, Pa.

12974—Saws (Electric Driven)

Neil & Smith Electric Tool Co. ("Ideal"), 120 E 6th, Cincinnati, O.
Robersen W. Machine & Foundry Co. ("Economy"), 56 Rano, Buffalo, N. Y.

12975—Saws (Endless Chain)

Yates P. B. Machine Co., Beloit, Wis.

12975a*—Saws (Flexible Back Band)

See also Saw Blades, Hack, Flexible Back
HUTHER BROS. SAW MFG. CO., Rochester, N. Y. *See adv index at end of book*

12976— Saws (Gang)

Atkins E. C. & Co., Indianapolis, Ind.
Branch Saw Co., 2323 N 9th, St. Louis, Mo.
Cocker Saw Mfg. Co., Lockport, N. Y.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Decker E. F. Saw Works, Albany, N. Y.
Disston Hy & Sons, Tacony, Phila., Pa.
Emerson, Smith & Co. (Ltd), Beaver Falls, Pa.
Flynn & Emrich Co. (Stone), 305 N Holliday, Baltimore, Md.
Foucart J. E., Williamsport, Pa.
Hoe R. & Co., 504 Grand, New York
Ohlen J. & Sons Saw Mfg. Co., 931 Factory, Columbus, O.
Sheffield Works Inc., 86 Warren, New York
See adv index at end of book
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

Saws (Gang, Stone & Slate)

See Stone Gang Sawing Machines

12977— Saws (Grooving)

Atkins E. C. & Co., Indianapolis, Ind.
Branch Saw Co., 2323 N 9th, St. Louis, Mo.
Cocker Saw Mfg. Co., Lockport, N. Y.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Decker E. F. Saw Works, Albany, N. Y.
Disston, Hy. & Sons ("Keystone," Groover or Dado-Head, etc), Tacony, Phila., Pa.
Eagle Saw Works, Chattanooga, Tenn.
Hoe R. & Co., 504 Grand, New York
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Michigan Saw Co., Saginaw, Mich.
Ohlen J. & Sons Saw Mfg. Co., 931 Factory, Columbus, O.
Oldham Joshua & Sons, 112 26th, Brooklyn, N. Y.
Sheffield Works Inc., 86 Warren, New York
See adv index at end of book
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

Saws (Hack)

See Saw Blades & Frames, Hack; also Hack Saw Machines

12978— Saws (Hack Bench)

Goodell-Pratt Co., Greenfield, Mass.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*

12979— Saws (Hand)

Atkins E. C. & Co., Indianapolis, Ind.
Bishop Geo. H. & Co., Lawrenceburg, Ind.
Clemson Bros., Middletown, N. Y.
Decker E. F. Saw Works, Albany, N. Y.
Disston Henry & Sons, Tacony, Phila., Pa.
Jennings C. E. & Co. ("C. E. J. & Co.'s"), 71 Murray, New York
Ohlen J. & Sons Saw Mfg. Co., 931 Factory, Columbus, O.
S. & I. Co. (Panel & Rip), Springfield, Mass.

SHEFFIELD WORKS INCORPORATED
TRADE DOUBLE DIAMOND MARK
NEW YORK, U.S.A.

Hand Saws

"Double Diamond" Brand

ONE STYLE
ONE QUALITY
ONE PRICE

PROMPT SERVICE

Sheffield Works Inc., 86 Warren, New York
See adv index at end of book
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
What Cheer Tool Co. ("What Cheer" Miners), What Cheer, Ia.

12980— Saws (Hand Hack)

Disston Hy. & Sons, Tacony, Phila., Pa.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

Saws (Heading)

See Saws, Shingle & Heading

12981—*Saws (High Speed Friction)

Mesta Machine Co. (Pittsburgh, Pa.
See adv index at end of book

Saws (Hot, Cut-off)

See Machines, Hot Sawing

12982— Saws (Ice)

Atkins E. C. & Co., Indianapolis, Ind.
Bishop Geo. H. & Co., Lawrenceburg, Ind.
Branch Saw Co. (Hand), 2323 N 9th, St. Louis, Mo.
Clemson Bros., Middletown, N. Y.
Cocker Saw Mfg. Co., Lockport, N. Y.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Decker E. F. Saw Works ("Decker"), Albany, N. Y.
Disston Hy. & Sons, Tacony, Phila., Pa.
Gerlach Peter Co., 1712 Winter, Cleveland, O.
Gifford-Wood Co. (Field, Electric & Gasoline), Hudson, N. Y.
Hoe R. & Co., 504 Grand, New York
Ohlen J. & Sons Saw Mfg. Co., 931 Factory, Columbus, O.
Sheffield Works Inc., 86 Warren, New York
See adv index at end of book
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

12983—Saws (Inserted Teeth)

Branch Saw Co., 2323 N 9th, St. Louis, Mo.
Buckeye Saw Mfg. Co., Columbus, O.
Chattanooga Saw Works, Chattanooga, Tenn.
Cocker Saw Mfg. Co., Lockport, N. Y.
Curtis & Co. Mfg. C., 1571 Kienlen av, St. Louis, Mo.
Decker E. F. Saw Works ("Decker"), Albany, N. Y.
Disston Henry & Sons (Circular, etc), Tacony, Phila., Pa.
Hoe R. & Co., 504 Grand, New York
Hunter Saw & Machine Co., 57th & Butler, Pittsburgh, Pa.
Huther Bros. Saw Mfg. Co. (For Cutting Metal; Patent Inserted Tooth Milling Saws), Rochester, N. Y.
See adv index at end of book
Ohlen J. & Sons Saw Mfg. Co., 931 Factory, Columbus, O.
Sheffield Works Inc., 86 Warren, New York
See adv index at end of book
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Southern Saw Works ("Southern"), East Point, Ga.
Tabor Mfg. Co. ("Taylor-Newboid"), 18th & Hamilton, Phila., Pa.
Tindel-Morris Co. ("Tindel" Patent for Metal), Eddystone, Pa., & Ellwood City, Pa.
Washington Saw Co., 2724 6th S, Seattle, Wash.

12984— Saws (Jewelers')

Griffin G. W. Co., Franklin, N. H.
Millers Falls Co. ("Star"), 28 Warren, New York
Sheffield Works Inc., 86 Warren, New York
See adv index at end of book
Thurston Mfg. Co., 140 Benedict, Providence, R. I.
West Haven Mfg. Co., West Haven, Conn.
Worthington & Raymond (Imp), 71 Murray, New York

12985— Saws (Jig)

See also Saws, Scroll

Atkins E. C. & Co., Indianapolis, Ind.
Decker E. F. Saw Works, Albany, N. Y.
Edge Frank & Co., Grand Rapids, Mich.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Hastings A. J. & Co., 41 Commercial, Newark, N. J.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Meyer W. F. Diamond Saw Co., Bedford, Ind.
Ohlen J. & Sons Saw Mfg. Co., Columbus, O.
Royle John & Sons (For Mortising, etc), Straight & Essex, Paterson, N. J.
Sheffield Works Inc., 86 Warren, New York
See adv index at end of book
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

12986— Saws (Keyhole)

Bishop George H. & Co., Lawrenceburg, Ind.
Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
Decker E. F. Saw Works, Albany, N. Y.
Disston Henry & Sons, Tacony, Phila., Pa.
Goodell-Pratt Co., Greenfield, Mass.
Jennings C. E. & Co. ("C. E. J. & Co.'s"), 71 Murray, New York
S. & I. Co. ("S & I"), Springfield, Mass.

12987— Saws (Kitchen)

Bishop George H. & Co., Lawrenceburg, Ind.
Cassady Fairbank Mfg. Co. ("Morris," Armour"), 6126 S La Salle, Chicago, Ill.
Christy Knife Co., Fremont, O.
Decker E. F. Saw Works, Albany, N. Y.
Disston Henry & Sons, Tacony, Phila., Pa.
Goodell-Pratt Co., Greenfield, Mass.
Jennings C. E. & Co., 71 Murray, New York
Knickerbocker Mfg. Co., Belleville, N. J.
Millers Falls Co. ("Star" Steel Frame), 28 Warren, New York
NICHOLS BROS. ("Nichols Bros."), Greenfield, Mass.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
White Ira F. & Son Co., Bloomfield, N. J.

12988—Saws (Metal Slitting)

Atkins E. C. & Co., Indianapolis, Ind.
Barber-Colman Co., Loomis st, Rockford, Ill.
BECKER MILLING MACHINE CO., Hyde Park, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Cleveland Milling Machine Co., 18511 Euclid av, Cleveland, Ohio
Decker E. F. Saw Works, Albany, N. Y.
Disston Henry & Sons, Tacony, Phila., Pa.
Hoe R. & Co., 504 Grand, New York
HUTHER BROS. SAW MFG. CO. ("Sem-Hi" Brand), Rochester, N. Y.
See adv index at end of book
Lincoln-Williams Twist Drill Co., Taunton, Mass.
Morse Twist Drill & Machine Co., New Bedford, Mass.
NATIONAL TOOL CO., Cleveland, O.
See adv index at end of book
Ohlen J. & Sons Saw Mfg. Co., 931 Factory, Columbus, O.
Pratt & Whitney Co., Hartford, Conn.
Sheffield Works Inc., 86 Warren, New York
See adv index at end of book
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Southern Saw Works ("Southern"), East Point, Ga.
Thurston Mfg. Co. (Jeweler's), 140 Benedict, Providence, R. I.
Union Twist Drill Co., Athol, Mass.

12989— Saws (Mitre Box)

Atkins E. C. & Co., Indianapolis, Ind.
Bishop Geo. H. & Co., Lawrenceburg, Ind.
Disston Henry & Sons, Tacony, Phila., Pa.
Eagle Saw Works, Chattanooga, Tenn.
Jennings C. E. & Co. ("C. E. J. & Co.'s"), 71 Murray, New York
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

12990—Saws (Overhead Cut-Off)

Conner J W. & Son ("Favorite" Farmer's), Orangeville, Pa.
Curtis & Co. Mfg. Co., 15671 Kienlen av, St. Louis, Mo.

12991— Saws (Piercing)

Dixon Wm. (Imp.), 39 John, New York

12992— Saws (Plumbers')

Atkins E. C. & Co., Indianapolis, Ind.
Buffum Tool Co. ("Swastika," Hand & Compass), South Side, Louisiana, Mo.
Decker E. F. Saw Works, Albany, N. Y.
Disston Henry & Sons, Tacony, Phila., Pa.
Ohlen J. & Sons Saw Mfg. Co., 931 Factory, Columbus, O.
S. & I. Co. ("S & I" Hack Saw Blades), Springfield, Mass.

12993— Saws (Pruning)

Disston Henry & Sons ("Little Giant" Pruning Hook & Saw, etc), Tacony, Phila., Pa.
Jennings C. E. & Co. ("C. E. J. & Co.'s"), 71 Murray, New York
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

12994— Saws (Rail & Shop)

See also Rail Sawing Machines

Atkins E. C. & Co., Indianapolis, Ind.
Decker E. F. Saw Works, Albany, N. Y.
DIAMOND SAW & STAMPING WORKS ("Sterling"), 357 7th, Buffalo, N. Y.
See adv index at end of book
Disston Hy. & Sons ("Disston" Rail Hack Saws), Tacony, Phila., Pa.
Hunter Saw & Machine Co., 57th & Butler, Pittsburgh, Pa.
Ohlen J. & Sons Saw Mfg. Co., 931 Factory, Columbus, O.
Q. & C. Co. ("Q. & C." Portable Rail Saws), 90 West, New York

12995—Saws (Screw Slotting)

Decker E. F. Saw Works, Albany, N. Y.
Disston Henry & Sons, Tacony, Phila., Pa.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Ohlen J. & Sons Saw Mfg. Co., 931 Factory, Columbus, O.
Sheffield Works Inc., 86 Warren, New York
See adv index at end of book
SIMONDS MFG. CO. (Concave), Fitchburg, Mass. *See adv index at end of book*
STARRETT L. S. CO., THE, Athol, Mass.
See adv index at end of book
Thurston Mfg. Co., 140 Benedict, Providence, R. I.

12996— Saws (Scroll)

See also Scroll Sawing Machines; also Saws, Jigs

Atkins E. C. & Co., Indianapolis, Ind.
Disston Henry & Sons ("Fays"), Tacony, Phila., Pa.
Edge Frank & Co., Grand Rapids, Mich.
Emerson, Smith & Co., Beaver Falls, Pa.
Griffin G. W. Co., Franklin, N. H.
Millers Falls Co. ("Star," "Lester," "New Rogers," "Cricket"), 28 Warren, New York
Ohlen J. & Sons Saw Mfg. Co., 931 Factory, Columbus, O.
Oliver Machinery Co., Grand Rapids, Mich.
Sheffield Works Inc., 86 Warren, New York
See adv index at end of book
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Trump Bros. Machine Co., Beech & Anchorage, Wilmington, Del.

12997— Saws (Segment)

Atkins E. C. & Co., Indianapolis, Ind.
Branch Saw Co., 2323 N 9th, St. Louis, Mo.
Cocker Saw Mfg. Co., Lockport, N. Y.
Decker E. F. Saw Works, Albany, N. Y.
Disston Henry & Sons (And Veneering) Tacony, Phila., Pa.
Hoe R. & Co., 504 Grand, New York
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Ohlen J. & Sons Saw Mfg. Co., 931 Factory, Columbus, O.

12998—Saws (Shingle & Heading)

Atkins E. C. & Co., Indianapolis, Ind.
Chattanooga Saw Works, Chattanooga, Tenn.
Cocker Saw Mfg. Co., Lockport, N. Y.
Curtis & Co. Mfg. Co., 1571 Kienlen av., St. Louis, Mo.
Decker E. F. Saw Works, Albany, N. Y.
Disston Henry & Sons, Tacony, Phila., Pa.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Southern Saw Works ("Southern"), East Point, Ga.

12999—Saws (Stone Cutting)

Anderson Geo. & Co., 420 Ogden, Newark, N. J.
Meyers Willard F. Machine Co., 614 Hamilton, Astoria, N. Y.
Royden Marble Machinery Co. ("Royden" Inserted Carborundum Tooth), 137 E 25th, New York
Sheffield Works Inc., 86 Warren, New York
See adv index at end of book

12999a—Saws (Structural Steel Shapes)

Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Roberson W. Machine & Foundry Co. ("Economy"), 56 Rano, Buffalo, N. Y.

13000 — Saws (Swing)

American Saw Mill Machinery Co., Hackettstown, N. J.
American Woodworking Machinery Co., Rochester, N. Y.
Badger State Machine Co. (Improved Cut-Off), Janesville, Wis.
Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Bentel & Margedant Co., Hamilton, O.
Chandler & Taylor Co., Indianapolis, Ind.
Chase Turbine Mfg. Co. (Cut-Off), Orange, Mass.
Colladay Jos. O. Co., 626 Race, Phila., Pa.
Connell & Dengler Mach. Co., Rochester, N. Y.
Cordesman-Rechtin Co., Butler, Cincinnati, O.
Crescent Machine Co., Leetonia, O.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Diamond Iron Works, 2d & 18th av, N Minneapolis, Minn.
Dodds Alexander Co., Grand Rapids, Mich.
Farquhar A. B. Co. (Ltd.) (Cut-Off), York, Pa.
Filer & Stowell Co., Milwaukee, Wis.
Fischer Machine Works (6-foot Swing), 1845 Caroll av, Chicago, Ill.
Frank Machinery Co., Buffalo, N. Y.
Gee Chas. E. (Improved Cut-Off), Lowell, Mass.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Hall & Brown Woodworking Machine Co., 1913 N B'way, St. Louis, Mo.
Holmes E. & B. Mach'y Co., Buffalo, N. Y.
Howell R. R. & Co., 31st av, Minneapolis, Minn.
Huntsville Foundry & Machine Co., Nolan & Jones (Prop's), Huntsville, Ala.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Indianapolis Excelsior Machinery Co. (For Excelsior), Indianapolis, Ind.
Jones Superior Machine Co. ("Superior" Cast Frame), 1264 W North av, Chicago, Ill.
Kane & Roach, Syracuse, N. Y.
Knight Mfg. Co., Canton, O.
Lane Mfg. Co., Montpelier, Vt.
Luther B. G. Co., Worcester, Mass.
Moffit Iron Works Co. (Cut-Off), Sanford, N. C.
Murray D. J. Mfg. Co., Wausau, Wis.
National Woodworking Machine Co., Dover, N. H.
Newman Machine Co., Greenboro, N. C.
Ober Mfg. Co. (Cut-Off), Chagrin Falls, O.
Oliver Machinery Co., Grand Rapids, Mich.
Porter C. O. Machinery Co., Grand Rapids, Mich.
Power L. & Co., 20 S 23d, Phila., Pa.
Root B. M. Co., York, Pa.
Sidney Tool Co., Sidney, O.
Silver Mfg. Co. ("Silver"), Salem, O.
Smith H. B. Machine Co. (Swing Cut-Off), Smithville, N. J.
Southern Engine & Boiler Works, Jackson, Tenn.
Southern Saw Works ("Southern"), East Point, Ga.
Standard Saw Mill & Machinery Co., Erie, Pa.
Strait H. N. Mfg. Co. (For Cooperage, etc.) Kansas City, Kan.
Union Iron Works, Bangor, Me.
U. S. Mach. Co. (Iron Frame), Williamsport, Pa.
U. S. Wind Engine & Pump Co., Batavia, Ill.
West Side Iron Works ("West Side" Cut-Off), Grand Rapids, Mich.
Wheland Co., Chattanooga, Tenn.
Wickes Bros., Saginaw, Mich.
See adv index at end of book
Wright Chas. E. Co., Kenilworth, N. J.
Yates P. B. Machine Co., Beloit, Wis.

13001-2—Saws (Tree Felling, Power Driven)

Clyde Iron Works (Gasoline), Duluth, Minn. *See adv index at end of book*

13003— Saws (Veneer)

Atkins E. C. & Co., Indianapolis, Ind.
Decker E. F. Saw Works, Albany, N. Y.
Disston Henry & Sons, Tacony, Phila., Pa.
Eagle Saw Works, Chattanooga, Tenn.

SAWS (VENEER)—continued
Hoe R. & Co., 504 Grand, New York
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Sheffield Works Inc., 86 Warren, New York *See adv index at end of book*

13004— Saws (Web)

Decker E. F. Saw Works, Albany, N. Y.
Disston Hy. & Sons, Tacony, Phila., Pa.

13005— Saws (Whip)

Decker E. F. Saw Works, Albany, N. Y.
Disston Hy. & Sons, Tacony, Phila., Pa.

Saws (Wood)

See Wood Sawing Machines
Also Saws, Buck

13005a— Scabbards

Brauer Bros. Mfg. Co. (Knife & Rifle), 204 N 14th, St. Louis, Mo.
Standard Parts Co., The (Bayonet), Cleveland, Ohio *See adv index at end of book*
Straus Jacob Saddlery Co. (Knife & Rifle), 410 N 6th, St. Louis, Mo.
Worcester Pressed Steel Co. (Bayonet), Columbus, O.

13006—Scabbards (Knife & Rifle)

Brauer Bros. Mfg. Co., 204 N 14th, St. Louis, Mo.

13006a— Scabbards (Sword)

Schilling Charles, Philadelphia, Pa.

13007— Scaffold Builders

Brown J. K. & Co., 181 3d av, Brooklyn, N. Y.
Chesebro Whitman Co., 1167 1st av, New York
Corbett & Co., 429 E 109th, New York
Faragher John, 812 So. Brooks, Madison, Wis.
Fuller H. B. Co. ("Fuller" All Steel Adjustable), 188 W 3d, St. Paul, Minn.
Noyes Wm. H. Co., 154 1st, Newark, N. J.
Portland Extension Ladder Co. ("Excelsior" Folding Extension Trestle or Scaffold Horse), 130 Orange, Newark, N. J.
Reilley Bros. Ladder Co., 324 W 41st, New York
Rockaway Ladder Co., Newark, N. J.
Schad Chas., 11 Jefferson, Brooklyn, N. Y.
Steel Scaffolding Co. (Steel), Evansville, Ind.

Scagliola Work

See Marble, Artificial

13008— Scalders (Hog)

Heller-Aller Co., Napoleon, O.
Kelly Foundry & Machine Co. ("Goshen"), Goshen, Ind.
Kretchmer Mfg. Co., Council Bluffs, Ia.
Sperry D. R. & Co. (For Farm use), Batavia, Ill.

13009—Scalders (Tomato, for Canneries)

Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

13010-11— Scalers (Fish)

Chatillon Jno. & Sons, 85 Cliff, New York
Covert Saddlery Works, Interlaken, N. Y.
GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis. *See adv index at end of book*
Grey Iron Casting Co., Mt. Joy, Pa.
Landers, Frary & Clark, New Britain, Conn.
Meisselbach A. F. & Bros. ("Good Luck" Scrapers), 29 Congress, Newark, N. J.
National Brass Mfg. Co., Rochester, N. Y.
Reading Saddle & Mfg. Co., Reading, Pa.
Royal Mfg. Co., Denckla bldg, Phila., Pa.
Southington Hardware Co., Southington, Conn.
Williams A. C. Co., Ravenna, O.
Wrightsville Hardware Co. (Japanned), Wrightsville, Pa.

Scales (Abattoir)

See Scales, Beam

Scales (Armor Plate)

See Scales, Rolling Mill

Scales (Auto Truck)

See Scales Motor Truck, also Platform or Wagon

13012— Scales (Automatic)

American Automatic Scale Co., 448 Huffman av, Dayton, Ohio
Am-Kron Scale Co., 430 E 53d, New York
American Machinery Co. ("American Bond"), 1229 Callowhill, Phila., Pa.
Automatic Weighing Machine Co. (Weighing & Packing), 138 Commerce, Newark, N. J.
Bond Scale Co., Los Angeles, Cal.
Brady Jas. A. Foundry Co., 45th & Western blvd, Chicago, Ill.
Detroit Automatic Scale Co., 608 Woodward av, Detroit, Mich.
Edtbauer E., 817 Washington blvd, Chicago, Ill.
FAIRBANKS CO. (For Coal, Grain, etc.), 416 Broome, New York *For branch houses see Alphabetical Section*
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Hoepner Automatic Scale Co., 1401 W Jackson blvd, Chicago, Ill.
Pelouze Mfg. Co., 232 E Ohio, Chicago, Ill.
Pneumatic Scale Corp. (Ltd.), Norfolk Downs, Mass.
Richardson Scale Co. (For all Crushed, Granular & Powdered Materials), Passaic, N. J.
Streeter-Amet Weighing & Recording Co., 4101 Ravenswood av, Chicago, Ill.
Sturtevant Mill Co., Clayton & Park, Dorchester, Boston, Mass.
Toledo Scale Co., Toledo, O.
WERNER & PFLEIDERER CO., 1232 N Niagara, Saginaw, Mich. *See adv index at end of book*

Scales (Bag & Barrel)

See Scales, Platform or Wagon

Scales (Balance)

See Balances, Assay & Analytical
Also Balances, Spring

13013—Scales (Bath Room)

FAIRBANKS CO., 416 Broome, New York *For branch houses see Alphabetical Section*

13014— Scales (Beam)

Am. Kron Scale Co., 430 E 53d, New York
Buffalo Scale Co., Inc., 1205 Niagara, Buffalo, N. Y.
FAIRBANKS CO. (For Cotton, Weighmasters & Yarn), 416 Broome, New York *For branch houses see Alphabetical Section*
Fairbanks E. & T. & Co., St. Johnsbury, Vt.
Forschner R. H. Co., 230 3d av, New York
Gaston's N. B. Sons Co., Beloit, Wis.
Howe Scale Co. of N. Y., 341 B'way, New York
Mason, Davis & Co. ("Chicago"), 7740 S Chicago av, Chicago, Ill.
Peck, Stow & Wilcox Co., Southington, Conn.
Robidoux Jos. & Co. (Weighmasters'), 194 Front, New York
Sargent & Co., New Haven, Conn.
Standard Scale & Supply Co. ("The Standard" Recording Beam), 1631 Liberty av, Pittsburgh, Pa.
Strait Scale Co., Kansas City, Kans.
Weeks Scale Works, Mt. Jewett, Pa.

Scales (Boiler Room)

See Scales, Suspended for Boiler Rooms

13015— Scales (Bullion)

Buffalo Scale Co. (Inc.), (Troy Weight), 1205 Niagara, Buffalo, N. Y.

13016—Scales (Butchers' Suspension)

Buffalo Scale Co. (Inc.), 1205 Niagara, Buffalo, N. Y.

Scales (Cattle)

See Scales, Stock

Scales (Cement Testing)

See Testing Machines, Cement

13017— Scales (Charging)

FAIRBANKS CO., 416 Broome, New York *For branch houses see Alphabetical Section*
Richardson Scale Co. (Automatic)), Passaic, N. J.
Standard Scale & Supply Co. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa.

Scales (Coal)

See Scales, Platform & Wagon

13018—Scales (Coal, Automatic)

Brady Jas. A. Foundry Co., 45th & Western blvd, Chicago, Ill.
Fairbanks Co., 416 Broome, New York *For branch houses see Alphabetical Section*
Richardson Scale Co., Passaic, N. J.

Scales (Coal Mine)

See Scales, Miners & Transportation

Scales (Coal Tipple)

See Scales, Tipple

13019—Scales (Coal Traveling)

Richardson Scale Co. (Automatic Checking Feed to Boilers), Passaic, N. J.
Standard Scale & Supply Co., 1631 Liberty av, Pittsburgh, Pa.

13020— Scales (Computing)

Anderson Computing Scale Co., Anderson, Ind.
Angildile Computing Scale Co., Elkhart, Ind.
Computer Mfg. Co., 268 Market, San Francisco, Cal.
Computing Scale Co. ("Dayton"), Dayton, O.
Detroit Automatic Scale Co., Detroit, Mich.
Fairbanks E. & T. & Co., St. Johnsbury, Vt.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Kansas City Scale & Supply Co., Kansas City, Mo.
National Scale Co. (Hendricks), Chicopee Falls, Mass.
Standard Computing Scale Co., Fort & Hastings, Detroit, Mich.
Strubler Computing Scale Co., Elkhart, Ind.
Toledo Scale Co., Toledo, O.
Triner Scale & Mfg. Co., 2714 W 21st, Chicago, Ill.
Virginia Forgings & Mfg. Co., Richmond, Va.

13021—Scales, Conveyor (Automatic Weighing)

Am-Kron Scale Co., 430 E 53d, New York
Merrick Scale Mfg. Co. ("Weightometer"), Passaic, N. J.

13022— Scales (Cotton)

Buffalo Scale Co. (Inc.), (Southern Cotton, Wool & Cotton, Drmant Cotton, etc), 1205 Niagara, Buffalo, N. Y.

13023— Scales (Counter)

See Also Scales, Computing

Amer. Cutlery Co., 764 Mather, Chicago, Ill.
BUFFALO SCALE CO., INC., 1205 Niagara, Buffalo, N. Y.
Chatillon Jno. & Sons, 85 Cliff, New York
Dell John C. & Son, 422 Vine, Phila., Pa.
Dodge Scale Co., 126 11th av, New York
FAIRBANKS CO., 416 Broome, New York *For branch houses see Alphabetical Section*
Fairbanks E. & T. & Co., St. Johnsbury, Vt.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Forschner R. H. Co., 230 3d av, New York
Hanson Bros., 525 N Ada, Chicago, Ill.
Howe Scale Co., Rutland, Vt.

Jacobs Bros. Co., 539 W 39th, New York
Jones of Binghamton (Inc.), ("Clover Leaf," "Rensselaer Bang Up," "Little Scheoner," "Royal," "Parlor City Candy," "Old Reliable Union"), Binghamton, N. Y.
Knowles Scale Works, Lowell, Mass.
Landers, Frary & Clark ("Columbia," "Landers," "Turnbull's" Spring), **New Britain, Conn.**
Mason, Davis & Co. ("Chicago"), **7740 S** Chicago av, Chicago, Ill.
National Scale Co., 11 Hendricks, Chicopee Falls, Mass.
Peck, Stow & Wilcox Co., Southington, Conn.
Pelouze Mfg. Co. ("Deaf," "Champion"), 232 E Ohio, Chicago, Ill.
Reading Hardware Co., Reading, Pa.
Smith Scale Co., 611 N 4th, Columbus, O.
SPENCER'S I. S. SONS (INC.), Guilford, Conn.
Standard Scale & Supply Co. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa.
Toledo Scale Co., Toledo, O.
Triner Scale & Mfg. Co., 2714 W 21st, Chicago, Ill.
Troemner Henry, 911 Arch, Phila., Pa.
Weeks Scale Works, Mt. Jewett, Pa.

Scales (Crane or Suspended)

See Scales, Suspended, for Boiler Rooms

13023a— Scales (Creamery)

See also Scales, Dairy

Gaston's N. B. Sons Co. (Folding), Beloit, Wis.

13023b— *Scales (Cutlery)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

13024— Scales (Dairy)

Buffalo Scale Co. (Inc.) (Cheese Factory, Suspensions, Butter, etc), 1205 Niagara, Buffalo, N. Y.
FAIRBANKS CO., 416 Broome, New York
For branch houses see Alphabetical Section
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Gaston's N. B. Sons Co. (Folding), **715 Race, Beloit, Wis.**

13025— Scales (Dormant)

American Automatic Scale Co. ("American Automatic"), 448 Huffman av, Dayton, Ohio
Am-Kron Scale Co., 430 E 53d, New York
American Scale Co. ("American"), Kansas City, Mo.
Beckman Bros ("American"), Des Moines, Ia.
BUFFALO SCALE CO., INC., 1205 Niagara, Buffalo, N. Y.
FAIRBANKS CO., 416 Broome, New York
For branch houses see Alphabetical Section
Fairbanks E. & T. & Co., St. Johnsbury, Vt.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Gaston's N. B. Sons Co., Beloit, Wis.
Kansas City Hay Press Co. ("Lightning"), Kansas City, Mo.
Mason, Davis & Co. ("Chicago"), 7740 S Chicago av, Chicago, Ill.
Rome Scale & Mfg. Co., Rome, Ga.
Strait Scale Co., Kansas City, Kan.
Toledo Scale Co., Toledo, Ohio
Weeks Scale Works, Mt. Jewett, Pa.

13026— Scales (Druggists' & Chemists')

Buffalo Scale Co. (Inc.), 1205 Niagara, Buffalo, N. Y.
FAIRBANKS CO., 416 Broome, New York
For branch houses see Alphabetical Section
Torsion Balance Co. ("Torsion"), 92 Reade, New York

13027— Scales (Dump)

American Scale Co., Kansas City, Mo.
Buffalo Scale Co. (Inc.), 1205 Niagara, Buffalo, N. Y.
FAIRBANKS CO., 416 Broome, New York
For branch houses see Alphabetical Section
Fairbanks E. & T. & Co., St. Johnsbury, Vt.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Gaston's N. B. Sons Co. (Folding), Beloit, Wis.
Standard Scale & Supply Co. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa.
Winslow Government Standard Scale Works (M. H. Winslow, Prop), Terre Haute, Ind.

13028— Scales (Elevator)

Richardson Scale Co. (Automatic), Passaic, N. J.

13029— Scales (Family)

American Cutlery Co. (Steel & White Tile Top), 764 Mather, Chicago, Ill.
FAIRBANKS CO., 416 Broome, New York
For branch houses see Alphabetical Section
Gaston's N. B. Sons Co. (Folding), Beloit, Wis.
Hanson Bros., 525 N Ada, Chicago, Ill.
Landers, Frary & Clark ("Columbia," "Landers"), New Britain, Conn.
Pelouze Mfg. Co., 232 E Ohio, Chicago, Ill.
Standard Scale & Supply Co. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa.
Triner Scale & Mfg. Co., 2714 W 21st, Chicago, Ill.

13030— *Scales (Flour)

Werner & Pfleiderer Co., 1232 N Niagara, Saginaw, Mich.
See adv index at end of book

Scales (Fluid)

See Scales, Liquid & Oil Weighing

13031—Scales for Balancing Planer Knife

Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Munson Co., Grand Rapids, Mich.

13032— Scales for Drawing

Alteneder Theo. & Sons, 945 Ridge av, Phila., Pa.
Brown & Sharpe Mfg. Co., Providence, R. I.
Elliott B. K. Co., 126 6th, Pittsburgh, Pa.
Keuffel & Esser Co., Hoboken, N. J.
Pease C. F. Co., 220 W Institute pl, Chicago, Ill.
STARRETT L. S. CO. THE, Athol, Mass.
See adv index at end of book

Scales (Foundry)

See Scales, Beam

13033—Scales (Glass Blowers')

Howe Scale Co., Rutland, Vt.

13034—Scales (Grain Testing)

Brady Jas. A. Foundry Co., 45th & Western blvd, Chicago, Ill.
Buffalo Scale Co. (Inc.), 1205 Niagara, **Buffalo, N. Y.**
Cincinnati Scale Mfg. Co., 312 Walnut, Cincinnati, O.
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Fairbanks E. & T. & Co., St. Johnsbury, Vt.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Howe Scale Co., Rutland, Vt.
Jones of Binghamton (Inc.), Binghamton, N. Y.
Mason, Davis & Co. ("Chicago"), **7740 S** Chicago av, Chicago, Ill.
Nordyke & Marmon Co., Indianapolis, Ind.
Pratt & Whitney Co., Hartford, Conn.
Torsion Balance Co. ("Torsion"), **92** Reade, New York
Weeks Scale Works, Mt. Jewett, P.a

13035— Scales (Hopper)

Am-Kron Scale Co., 430 E 53d, New York
Beckman Bros., Des Moines, Ia.
BUFFALO SCALE CO., INC. (Suspension Coal), 1205 Niagara, Buffalo, N. Y.
Cincinnati Scale Mfg. Co., 312 Walnut, Cincinnati, O.
Dayton Pitless Scale Co. ("Boulton's Improved Pitless"), Dayton, O.
FAIRBANKS CO., 416 Broome, New York
For branch houses see Alphabetical Section
Fairbanks E. & T. & Co., St. Johnsbury, Vt.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Gaston's N. B. Sons Co. (Grain Hopper), Beloit, Wis.
Howe Scale Co., Rutland, Vt.
Mason, Davis & Co. ("Chicago"), 7740 S Chicago av, Chicago, Ill.
Pelouze Mfg. Co., 232 E Ohio, Chicago, Ill.
Queen City Scale Co., 1628 John, Cincinnati, O.
Richardson Scale Co. (Automatic Stationary & Portable), Passaic, N. J.
Standard Scale & Supply Co. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa.
Strait Scale Co., Kansas City, Kan.
Werner & Pfleiderer Co., 1232 N Niagara, Saginaw, Mich.
See adv index at end of book
Winslow Government Standard Scale Works, Terre Haute, Ind.

13036— Scales (Jockey)

Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Fairbanks E. & T. & Co., St. Johnsbury, Vt.

13037—Scales (Liquid & Oil Weighing)

Buffalo Scale Co. (Inc.), 1205 Niagara, **Buffalo, N. Y.**
Deming Apparatus Co., 30 Church, New York, New Orleans, La.
Richardson Scale Co. (Automatic Tank Scales), Passaic, N. J.
Standard Scale & Supply, 1631 Liberty av, Pittsburgh, Pa.
Weeks Scale Works (Liquid Receptacles), **Mt. Jewett, Pa.**
Werner & Pfleiderer Co., 1232 N Niagara, Saginaw, Mich.
See adv index at end of book

13038—Scales (Miners' & Transportation)

BUFFALO SCALE CO., INC., 1205 Niagara, Buffalo, N. Y.
FAIRBANKS CO., 416 Broome, New York
For branch houses see Alphabetical Section
Fairbanks E. & T. & Co., St. Johnsbury, Vt.
Mason, Davis & Co. ("Chicago"), **7740 S** Chicago av, Chicago, Ill.
Weeks Scale Works, Mt. Jewett, Pa.

13039— Scales (Moisture)

Buffalo Scale Co. (Inc.), (For Smelting Plants, Glass Blowers, etc), 1205 Niagara, Buffalo, N. Y.

13039a—*Scales (Motor Truck)

BUFFALO SCALE CO. INC., 1205 Niagara, Buffalo, N. Y.
See adv index at end of book
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.

Scales (Oil)

See Scales, Platform or Wagon

Scales (Packing House)

See Scales, Beam

13040—Scales (Parcels Post)

See also Scales, Counter, also Scales, Postal

Amer. Cutlery Co., 764 Mather, Chicago, Ill.
Chatillon Jno. & Sons, 85 Cliff, New York
Computing Scale Co., Dayton, O.
Pelouze Mfg. Co., 232 E Ohio, Chicago, Ill.
Triner Scale & Mfg. Co., 2714 W 21st, Chicago, Ill.

13040a—*Scales (Personal)

FAIRBANKS CO., 416 Broome, New York
For branch houses see Alphabetical Section

Scales (Pig Iron, Etc.)

See Scales, Rolling Mills

13041— Scales (Pitless)

Beckman Bros. ("American"), Des Moines, Ia.
Brunner Foundry & Mfg. Co. ("Brunner"), Peru, Ill.
Dayton Pitless Scale Co., Dayton, O.
Fairbanks, Morse & Co. ("Moline," "Victor"), 900 S Wabash av, Chicago, Ill.
Gaston's N. B. Sons Co., Beloit, Wis.
Howe Scale Co., Rutland, Vt.
Kansas City Hay Press Co. ("Lightning"), Kansas City, Mo.
King Drill Mfg. Co., Nebraska City, Neb.
Lennox Machine Co. ("Lennox"), 2558 W 16th, Chicago, Ill.
Meadows Mfg. Co. ("Meadows"), Pontiac, Ill.
Moline Plow Co. ("McDonald," Pitless Wagon or Stock), Moline, Ill.
Scott Hay Press Co. ("O. K."), 1300 W 12th, Kansas City, Mo.
Stimpson Scale & Electric Co. ("Stimpson"), Northville, Mich.
Weeks Scale Works, Mt. Jewett, Pa.

13042—Scales (Platform or Wagon)

Am-Kron Scale Co., 430 E 53d, New York
American Scale Co., Kansas City, Mo.
Barker Sam'l G. & Son, Scranton, Pa.
Beckman Bros. ("American"), Des Moines, Ia.
Brunner Foundry & Mfg. Co. ("Brunner"), Peru, Ill.
Cincinnati Scale Mfg. Co., 312 Walnut, Cincinnati, O.
Dayton Pitless Scale Co. ("Boulton's" Pitless Scale & Folding Stock Rack), Dayton, O.
FAIRBANKS CO., 416 Broome, New York
For branch houses see Alphabetical Section
Fairbanks E. & T. & Co., St. Johnsbury, Vt.
Fairbanks, Morse & Co. ("Fairbanks," "Moline," "Victor"), 900 S Wabash av, Chicago, Ill.
Forschner R. H. Co. (Platform Only), 230 3d av, New York
Gaston's N. B. Sons Co., Beloit, Wis.
Howe Scale Co., Rutland, Vt.
Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
Jacob Bros. Co., 539 W 39th, New York
Jones of Binghamton (Inc.), Binghamton, N. Y.
Kansas City Hay Press Co., Kansas City, Mo.
Mason, Davis & Co. ("Chicago"), 7740 S Chicago av, Chicago, Ill.
Meyer Scale & Hardware Co., 409 Elizabeth av, Newark, N. J.
Nordeen H. G., Everett, Wash.
Nordyke & Marmon Co., Indianapolis, Ind.
Rome Scale & Mfg. Co., Rome, Ga.
Standard Scale & Supply Co. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa.
Stimpson Scale & Electric Co. (Wagons, Portable Platform), Northville, Mich.
Strait Scale Co., Kansas City, Kan.
Weeks Scale Works, Mt. Jewett, Pa.
Winslow Government Standard Scale Works (M. H. Winslow, Prop), Terre Haute, Ind.

13043—Scales (Platform, Portable)

American Cutlery Co., 764 Mather, Chicago, Ill.
American Scale Co., Kansas City, Mo.
Bennington Scale Co. ("Bennington"), Bennington, Vt.
Chatillon Jno. & Sons, 85 Cliff, New York
FAIRBANKS CO., 416 Broome, New York
For branch houses see Alphabetical Section
Fairbanks E. & T. & Co., St. Johnsbury, Vt.
Fairbanks, Morse & Co. ("Fairbanks," "Victor"), 900 S Wabash av, Chicago, Ill.
Gaston's N. B. Sons Co., Beloit, Wis.
Knowles Scale Works, Lowell, Mass.
Mason, Davis & Co. ("Chicago"), 7740 S Chicago av, Chicago, Ill.
Rome Scale & Mfg. Co., Rome, Ga.
Strait Scale Co., Kansas City, Kan.
Toledo Scale Co., Toledo, O.
Weeks Scale Works, Mt. Jewett, Pa.

13044—Scales (Portable Suspension)

Buffalo Scale Co., Inc., 1205 Niagara, Buffalo, N. Y.

13045— Scales (Postal)

American Cutlery Co. (Official), 764 Mather, Chicago, Ill.
Atwater S. I., 101 Lafayette, New York
Buffalo Scale Co., Inc., 1205 Niagara, Buffalo, N. Y.
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Fairbanks E. & T. & Co., St. Johnsbury, Vt.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Forschner R. H. Co., 230 3d av, New York
Pelouze Mfg. Co., 232 E Ohio, Chicago, Ill.
Standard Scale & Supply Co., 1631 Liberty av, Pittsburgh, Pa.
Strait Scale Co., Kansas City, Kan.
Triner Scale & Mfg. Co. ("Gem"), 2714 W 21st, Chicago, Ill.
Weis Mfg. Co. ("Weis"), Monroe, Mich.

Scales (Railroad Track)

See Scales, Track

13046— Scales (Revolving)

Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Sawyer W. H. & Sons Co. ("Sawyer-Fulford"), Americus, Ga.

13047—Scales (Rolling Mill)

Buffalo Scale Co., Inc., 1205 Niagara, Buffalo, N. Y.
FAIRBANKS CO., 416 Broome, New York
For branch houses see Alphabetical Section
Fairbanks E. & T. & Co., St. Johnsbury, Vt.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Gaston's N. B. Sons Co., Beloit, Wis.
Richardson Scale Co., Passaic, N. J.
Standard Scale & Supply Co. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa.
Strait Scale Co., Kansas City, Kan.

13048—Scales (Sacking, Automatic)

Richardson Scale Co., Passaic, N. J.

13049—Scales (Shipping & Receiving)

Richardson Scale Co., Passaic, N. J.

13050— Scales (Silk Trip)

Buffalo Scale Co., Inc., 1205 Niagara, Buffalo, N. Y.

Scales (Spring)

See Balances, Spring

13051—Scales (Stock & Wagon)

American Scale Co., Kansas City, Mo.
Beckman Bros. ("American"), Des Moines, Ia.
Brunner Foundry & Mfg. Co., ("Acme"), Peru, Ill.
BUFFALO SCALE CO., INC., 1205 Niagara, Buffalo, N. Y.
Dayton Pitless Scale Co. ("Boulton's Improved Pitless"), Dayton, Ohio
FAIRBANKS CO., 416 Broome, New York
For branch houses see Alphabetical Section
Fairbanks E. & T. & Co., St. Johnsbur Vt.
Fairbanks, Morse & Co. ("Fairbanks," "Victor," "Moline"), 900 S Wabash av, Chicago, Ill.
Gaston's N. B. Sons Co. (Pit & Pitless), Beloit, Wis.
Howe Scale Co., Rutland, Vt.
Jones of Binghamton (Inc.), Binghamton, N. Y.
Kansas City Hay Press Co. ("Lightning" Pitless), Kansas City, Mo.
Mason, Davis & Co. ("Chicago"), 7740 S Chicago av, Chicago, Ill.
Moline Plow Co. ("McDonald"), Moline, Ill.
Queen City Scale Co. (Repair), 1628 John, Cincinnati, O.
Standard Scale & Supply Co. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa.
Stimpson Scale & Electric Co., Northville, Mich.
Strait Scale Co., Kansas City, Kan.
Weeks Scale Works, Mt. Jewett, Pa.
Winslow Government Standard Scale Works (M. H. Winslow, Prop), Terre Haute, Ind.

13052—Scales (Suspended, for Boiler Rooms)

Buffalo Scale Co., Inc., 1205 Niagara, Buffalo, N. Y.
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Fairbanks E. & T. & Co., St. Johnsbury, Vt.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Richardson Scale Co. (Automatic), Passaic, N. J.
Standard Scale & Supply Co. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa.

13053— Scales (Talking)

United Vending Co., Cleveland, O.

13054— Scales (Testing)

Chatillon Jno. & Sons (Shell), 85 Cliff, New York
Daigger A. & Co. (Asphalt), 54 W Kinzie, Chicago, Ill.
Delaware Metal Refinery ("Richards" Specific Gravity for White Metals), 18th & Washington av, Phila., Pa.
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Torsion Balance Co. ("Torsion," Cream, Cement, Butter, Sand, etc), 92 Reade, New York

13055— Scales (Thermometer & Barometer)

Electro Chemical Engraving Co., 450 19th, Brooklyn, N. Y.

13056— Scales (Tipple)

Buffalo Scale Co., Inc. (Coal Tipple), 1205 Niagara, Buffalo, N. Y.
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Fairbanks E. & T. & Co., St. Johnsbury, Vt.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Niles Mine & Mill Supply Co., Williamson bldg, Cleveland, O., & Niles, O.
Richardson Scale Co., Passaic, N. J.
Standard Scale & Supply Co. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa.
Strait Scale Co., Kansas City, Kan.
Winslow Government Standard Scale Works (M. H. Winslow, Prop.) (Mine Pan), Terre Haute, Ind.

13057— Scales (Track)

Am-Kron Scale Co., 430 E 53d, New York
Barker S. G. & Son, Scranton, Pa.
Beckman Bros. ("American"), Des Moines, Ia.
Brunner Foundry & Mfg. Co. ("Acme"), Peru, Ill.
BUFFALO SCALE CO., INC., 1205 Niagara, Buffalo, N. Y.
Cincinnati Scale Mfg. Co., 312 Walnut, Cincinnati, O.
FAIRBANKS CO., 416 Broome, New York
For branch houses see Alphabetical Section
Fairbanks E. & T. & Co., St. Johnsbury, Vt.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Howe Scale Co., Rutland, Vt.
Jones of Binghamton (Inc.), Binghamton, N. Y.
Mason, Davis & Co. ("Chicago"), 7740 S Chicago av, Chicago, Ill.
Rome Scale & Mfg. Co., Rome, Ga.
Standard Scale & Supply Co. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa.
Strait Scale Co., Kansas City, Kan.
Winslow Government Standard Scale Works (M. H. Winslow, Prop), Terre Haute, Ind.

13058-9—Scales (Trolley Track)

Buffalo Scale Co. Inc., 1205 Niagara, Buffalo, N. Y.
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Fairbanks E. & T. & Co., St. Johnsbury, Vt.
Strait Scale Co., Kansas City, Kan.
Weeks Scale Works, Mt. Jewett, Pa.

Scales (Wagon)

See Scales, Platform or Wagon; also Stock & Wagon

13060—Scalpers (Corn Mill)

Nordyke & Marmon Co. (Round Reel & Hexagon), 1290 Kentucky av, Indianapolis, Ind.

13061— Scalpers (Sieve)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*

13062— Scarifiers

Buffalo Springfield Roller Co., Springfield, O.
Denver Fire Clay Co., Denver, Colo.
Heil Henry Chemical Co., St. Louis, Mo.

13063— Scenic Artists

Armbruster M. & Sons, 249 S. Front, Columbus, Ohio
Graham L. L., Brooklyn, N. Y.
Lash Lee Studios, 308 E 48th, New York
Sosman & Landis Co., 417 S Clinton, Chicago, Ill.
Story O. L. Scenic Co., 21 Tufts, Somerville, Mass.

13064-5— School Supplies

See also Specific Article Required

Bradley Milton Co., Springfield, Mass.
Crunden-Martin Mfg. Co. (Crayon, Tablets, Note Books, etc.), 2nd & Gratiot, St. Louis, Mo.
HAMMETT J. L. CO., Kendall sq, Cambridge, Mass.
Harron, Rickard & McCone (Manual Training), 139 Townsend, San Francisco, Cal.
Knott L. E. Apparatus Co. (Scientific Laboratory), 79 Amherst, Cambridge, Mass.
Price W. R. Inc. (Manual Training Equipment), 127 5th av, New York
University Apparatus Co., 2229 McGee av, Berkeley, Cal.
Weber C. F. & Co., 365 Market, San Francisco, Cal.

Scissors Mfrs.

See Shears & Scissors

Scissors (Cigar Cutter)

See Cutters, Cigar

13066— Scissors (Fluting)

Osborne C. S. & Co., Harrison, N. J.

13067— Scissors (Manicure)

Graef & Schmidt ("Twin Brand" Imp.), 107 Chambers, New York

13068— Scissors (Poultry)

Graef & Schmidt ("Twin Brand" Imp.), 107 Chambers, New York
Koch F. A. & Co., 524 B'way, New York
Thurnauer G. M. Co., 6 E 20th, New York

13069— Scissors (Sardine)

Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Osborne C. S. & Co. ("Fetter's"), Harrison, N. J.

13070— Scleroscopes

SHORE INSTRUMENT & MFG. CO., INC., 557 W 22d, New York

13071— Scoops (Boat)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
New York Boat Oar Co. (Wood), 69 West, New York

13072— Scoops (Candy)

Maag August Co., 509 W Lombard, Baltimore, Md.
Walker C. L. & Co., 656 W 12th, Erie, Pa.

13073— Scoops (Cheese)

Amer. Cutlery Co., 764 Mather, Chicago, Ill.

Scoops (Coal)

See Shovels, Spades & Scoops

13074—Scoops (Family & Grocers')

Aluminum Mfg. Co., Des Moines, Ia.
Central Stamping Co., 172 Fulton, New York
National Enameling & Stamping Co., 411 5th av, New York

13075— Scoops (Furnace)

See also Shovels, Spades & Scoops

American Mfg. Co., Chattanooga, Tenn.
Beall Bros., Alton, Ill.
Chisholm's Steel Shovel Works (Solid Cast Steel), Cleveland, O.
Conneaut Shovel Co. (Gas House & Furnace Charging), Conneaut, O.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Hussey-Binns Shovel Co. (Cast Steel), **223 4th av, Pittsburgh, Pa. Works, Charleroi, Pa.**
Indiana Shovel Co., New Castle, Ind.
Jackson Shovel & Tool Co., Montpelier, Ind.
Kohler F. E. Co., Canton, O.
Ohio Shovel & Stamping Co., Dover, O.
Owensboro Shovel & Tool Co., Owensboro, Ky.
Pfeifer Jno. & Co. (Ltd.), 222 Race, Phila., Pa.
Pittsburgh Shovel Co., Oliver bldg, Pittsburgh, Pa.
Union Furnace Mfg. Co., Union Furnace, Pa.

13076— Scoops (Grain)

American Mfg. Co., Chattanooga, Tenn.
American Shovel & Stamping Co., Lorain, Ohio
Beall Bros., Alton, Ill.
Chisholm's Steel Shovel Wks., Cleveland, Ohio
Conneaut Shovel Co. (D & Long Handle), Conneaut, O.
Duluth Corrugating & Roofing Co., Duluth, Minn.
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Hussey-Binns Shovel Co. (Crucible Cast Steel), 223 4th av, Pittsburgh, Pa. Works: Charleroi, Pa.
Jackson Shovel & Tool Co. ("Ripley"), Montpelier, Ind.
Ohio Shovel & Stamping Co., Dover, O.
Owensboro Shovel & Tool Co., Owensboro, Ky.
Pfeifer Jno. & Co. (Ltd.), 222 Race, Phila., Pa.
Phila. Scoop Co., 134 N 2nd, Phila., Pa.
Sommer John Faucet Co., 355 Central av, Newark, N. J.
Sprout, Waldron & Co., Muncy, Pa.
Union Furnace Mfg. Co., Union Furnace, Pa.
Webster Mfg. Co., Tiffin, O.
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.
Wood Shovel & Tool Co., Piqua, O.

13077-8— Scoops (Ice)

Aldrich Mfg. Co., Buffalo, N. Y.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Ray Geo. A. Mfg. Co. (Brass & Copper), Buffalo, N. Y.
Walker C. L. & Co., 656 W 12th, Erie, Pa.

Scoops (Ice Cream)

See Dishers, Ice Cream

13079—Scoops (Locomotive)

Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Pittsburgh Shovel Co., Oliver bldg, Pittsburgh, Pa.

13080—Scoops (Potato, Corn, Etc.)

Bissell Edw. J. ("Little Giant" Malleable Iron), Milford, Mich.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Michigan Wire Goods Co. (Wire), Niles, Mich.
Pease F. B. Co., Rochester, N. Y.
Sholder Excel Mfg. Co. (Wire), Clyde, Ohio

13081— Scoops (Scale)

AMERICAN CAN CO., 120 B'way, New York *See adv index at end of book*
Consolidated Mfg. Co., Dayton, O.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
McMorran Edw. E. & Co., 126 N Union, Chicago, Ill.
Phila. Scoop Co., 134 N 2d, Phila., Pa.

13081a— *Scoops (Ship)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

13082— Scoops (Tunneling)

Pollard Jos. G., 141 Raymond, Brooklyn, N. Y.

13083— *Scoops (Wooden)

ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*

13084—*Score Boards (Interchangable Letter)

Newman Mfg. Co., 717 Sycamore, Cincinnati, O., & 68 N Washington, Chicago, Ill. *See adv index at end of book*

13085—Score Books (Baseball, Etc.)

Gleason Thos. Jay, 1552 Bergen, Brooklyn, N. Y.

13086—Scourers (Wheat & Buckwheat)

Barnard & Leas Mfg. Co., Moline, Ill.
Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.
Richmond Mfg. Co. ("Niagara"), Lockport, N. Y.
Sprout, Waldron & Co., Muncy, Pa.
Union Iron Works, Decatur, Ill.
Wolf Co., Chambersburg, Pa.

13087— Scow Builders

Gray Motor Co. (Motor), Oakland & McLean, Detroit, Mich.
Howard Ship Yards Co. (Scow & Barge), Jeffersonville, Ind.
Lake Erie Drydock & Mill Co., Sandusky, Ohio
Manitowoc Ship Building Co. (Steel, Dump, Derrick, etc), Manitowoc, Wis.
Perth Amboy Dry Dock Co. (Brick & Freight), Perth Amboy, N. J.

13088— Scows (Fueling)

BARTLETT C. O. & SNOW CO. (For Fueling Vessels), French, Cleveland, O. *See adv index at end of book*

13089— Scrap Aluminum

Aluminum Ware Mfg. Co. Inc., Elmira, N. Y.
du Pont de Nemours & Co., E. I. (By-Products Division), Wilmington, Del.
Erie Iron & Steel Co., Erie, Pa.
Henning V. & Sons, 330 Belmont av, Brooklyn, N. Y.

13090—Scrap Brass & Copper

See also Scrap Iron & Steel

Ajax Metal Co. (Large Buyers), 46 Richmond, Phila., Pa.
Armstrong R. S. & Bro., Atlanta, Ga.
Bassman & Oislander, 217 Front, New York
Battaglia Bros., 381 Pearl, New York
Beach J. W. Co., Bridgeport, Conn.
Bers E. & Co., 330 S Del av, Phila., Pa.
Birnbaum Bros. & Sack, 133 Roosevelt, New York

SCRAP BRASS & COPPER—continued
Bogue-Wensley Lead Co., Denver, Colo.
Boston Iron & Metal Co., Pratt & Fremont av, Baltimore, Md.
Caplan Julius H., Lebanon, Pa.
Central Smelting & Refining Co., Borden av & Hayward, Long Island City, N. Y.
Cosby Clarence, 1523 E Carey, Richmond, Va.
Dolgoff Jas. L., Bridgeport, Conn.
du Pont de Nemours & Co., E. I. (By-Products Division), Wilmington, Del.
Duquesne Reduction Co., Farmers' Bank bldg, Pittsburgh, Pa.
Eagle Smelting & Refining Works, 233 B'way, New York
Edelstein Carl, 279 Front, New York
Erie Iron & Steel Co., Erie, Pa.
Fort Wayne Smelting & Refining Co., Fort Wayne, Ind.
Goldstein's L. Sons, Allegheny bet Richmond, Phila., Pa.
Grimm Paul, 284 Front, New York
Gruenebaum L., 418 E 7th, Cincinnati, O.
Hanshaft Max, 262 Front, New York
Henning V. & Sons, 330 Belmont av, Brooklyn, N. Y.
Hess Barney, 94 Van Dyke, Brooklyn, N. Y.
Hofeller Theo. & Co., 206 Scott, Buffalo, N. Y.
ILLINOIS SMELTING & REFINING CO., 410 N Peoria, Chicago, Ill.
See adv index at end of book
Jacob Bros., Bridgeport, Conn.
Jacobson I. M. & Sons Co., 70 Catherine, Detroit, Mich.
Kahn Bros., 785 Humboldt, Brooklyn, N. Y.
Knight Iron & Metal Co., 27th to 28th & 1st av, Birmingham, Ala.
Lake Erie Smelting & Refining Co., 7900 Bessemer av, Cleveland, O.
Lebanon Engineering & Supply Co., Lebanon, Pa.
Lehman Bros., Hoboken, N. J.
Levi B. & Co., Scranton, Pa.
London N., 263 Front, New York
London & Sack, 259 Front, New York
Maryland Brass & Metal Works, Guilford & Federal, Baltimore, Md.

Buyers of
SURPLUS STOCKS
MACHINERY,
Hardware, Steel, Wire, Brass and Copper Products
Midgley & Prentice, Inc.
30 Church St., New York City

MIDGLEY & PRENTICE, INC., 30 Church, New York *See adv index at end of book*
Moers E. M. Sons, 183 South, New York
Morrison & Risman, 1437 Bailey av, Buffalo, N. Y.
Norristown Iron & Steel Co., Norristown, Pa.
Omaha Metal & Rubber Co., Omaha, Neb.
Oppenheimer J. & Co., 81 Fulton, New York
POLLOCK MAYER, Pottstown, Pa.
Pueblo Brass & Iron Foundry, Pueblo, Colo.
Reubens S. & Bro., 68 Cliff, New York
Rosenblatt Wm (Inc.), 262 Water, New York
Roth Jacob, 272 Clinton, Detroit, Mich.
Rubber & Metal Supply Co., 157 South, New York
Ruttenberg Bros., Reading, Pa.
Sackler Bros., 186 E 64th, New York
Schnair Jacob, 28 W 128th, New York
Shapiro Henry, Wilkes-Barre, Pa.
Shonberg L., 122 Flushing av, Brooklyn, N. Y.
SMITH MORTON B. CO., 241 Front, New York
Sofranscy H. Co., Allentown, Pa.
Star Refining Co., 116 W First, Boston, Mass.
Symansky Bros., Troy, N. Y.
West Side Metal Refining Co., 1447 S Sangamon, Chicago, Ill.
Williams & Freedman, Harrisburg, Pa.
Woodlawn Metal Co., 200 5th av, New York

13091— Scrap Iron & Steel

See also Special List of Scrap Brass and Copper

This list is published for Purchasing Purposes and comprises only the Largest Firms who make a specialty of Scrap Iron & Steel

ALABAMA.

BESSEMER—Bumby H. E.
BIRMINGHAM—Knight Iron & Metal Co., 27th to 28th & 1st av
Lehman Chas. T.
Weller & Co.

CALIFORNIA.

SAN FRANCISCO—Harley Chas. Co., 650 7th
San Francisco Iron & Metal Co., 256 North Point

COLORADO.

DENVER—Colorado Iron & Metal Co.
Denver Metal Co.
PUEBLO—Pueblo Brass & Iron Foundry

CONNECTICUT.

BRIDGEPORT—Jacob Bros.
NEW HAVEN—Alpert M. & Son
WATERBURY—Waterbury Scrap Iron Co.

DELAWARE.

WILMINGTON—du Pont de Nemours & Co., E. I. (Scrap Iron Only) (By-Products Division)
Stirlith J. A .Bros., 114 Tatnall

GEORGIA.

ALBANY—Mayer Daniel
ATLANTA—Armstrong R. S. & Bro.

ILLINOIS.

AURORA—Annenberg J. D. & Co.
Joseph Iron Co.
CHICAGO—American Iron & Supply Co., 110 S Dearborn
Briggs & Turivas, 110 S Dearborn
Grossman M., 560 Maxwell
Hyman-Michaels Co., People's Gas bldg
Joseph Isaac Iron Co., 332 S Michigan
Kaufman M., 347 N Sheldon
Lanski I. & Son Scrap Iron Co., 2117 S Jefferson
Levine A. & Co., 1461 S State
Lieberman Jos. L. Iron Co., 110 S Dearborn
Lowenthal Co., 947 W 20th
Marks H. Sons, 1045 W 14th
Ohio Iron & Metal Co., 38 S Dearborn
Stearn Harris, 417 S Clinton
U. S. Metal & Mfg. Co., 332 S Michigan av
West Side Metal Refining Co., 1447 S Sagamon
DANVILLE—Cohen David
Danville Iron & Metal Co.
PEORIA—Cohen J. & Son
QUINCY—Rupp Geo. & Bros .Co.
SPRINGFIELD—Barker A. Iron Co.
STREATOR—Tierney Bros.

INDIANA.

EDINBURG—Kroot Jos.
ELKHART—Elkhart Junk Co.
Winer Samuel & Co.
EVANSVILLE—Fligeltaub Henry
FORT WAYNE—Strasburg's C. Sons
MONTPELIER—McCauley Chas.
MUNCIE—Feinberg Abe
SOUTH BEND—Ciralsky Abraham & Son
TERRE HAUTE—Bogard A.
Terre Haute Rag & Metal Co.
WABASH—Cook Simon Co.

IOWA.

DES MOINES—Cohen Bros. Iron & Metal Co.
Cohen E. M. & Sons Iron & Metal Co.

KANSAS.

KANSAS CITY—Sonken-Galamba Iron & Metal Co.

KENTUCKY.

LOUISVILLE—Hyman Louis P. & Co.
Weber Simon & Son

LOUISIANA.

NEW ORLEANS—Marx Alphonse & Sons, 6435 Tchoupitoulas

MARYLAND.

BALTIMORE—Boston Iron & Metal Co., cor Pratt & Tremont av
Bowman Wm., 1325 Eastern av
Clifford Mrs. C.
De Ved & Sons Sash Weight Co., 807 S Howard
Frank Nathan & Sons, 1404 Mullikin
Globe Iron & Metal Co., 117 E York
Hoffman R. C. & Co., Continental bldg
Monumental Iron & Metal Co., 228 W Pratt
Woolford & Thomas, 1726 Thames

MASSACHUSETTS.

BOSTON—Brackett H. F. & Co., 77 Newman
Butler Thos. & Co., 23 Medford
Clapp C. E. & Co., 170 Summer
Perry, Buxton, Doane Co., First
Werby A. & Co., 287 Atl. av
CAMBRIDGE—Sovrensky L
CHELSEA—Rosenberg Bros.
DORCHESTER — Roxbury Iron & Metal Co., 140 Granite av
FALL RIVER—Dunn Wm. J.
Ratner M.
LAWRENCE—Gutterson & Gould
LOWELL—Harris A. J. & Co.
NEW BEDFORD—Fox Max
McCullough John
NORTHAMPTON—Carlson & Barger
SPRINGFIELD—Ehrlich A. B. & Co.

MICHIGAN.

BAY CITY—Helper Bros.
Hirschfield H.
DETROIT—Ginsburg R. L. Sons Co., 909 Greenwood av
Goldman A. & Co., 2580 W Jefferson av
Riverside Scrap Iron & Metal Co., 2580 Jefferson av, W
Robinson D. & Sons, 646 Hastings
Wayne Scrap Iron & Metal Co., 119 Campbell av
IRONWOOD—Michigan Scrap Iron Co.
KALAMAZOO—Gumbinsky Oscar & Bros.
LANSING—Simon A. Iron Co.
SAGINAW—Clinkofstine L. S. & Co.
THREE RIVERS—Three Rivers Iron & Metal Co.

MINNESOTA.

DULUTH—Duluth Iron & Metal Co.
MINNEAPOLIS—Peoples' Scrap Iron & Metal Co., 1528 N 2d

MISSOURI.

KANSAS CITY—Pietzman J. & Son
ST. LOUIS—Bierman F. & Sons
Cohen-Schwartz Pail & Steel Co.
Greenspon's Jos. Sons Iron & Steel Co., B'way & Branch
Hirsch Cal. & Sons Iron & Rail Co., 300 S B'way
Hirsch Rolling Mill Co., Ecoff & Manchester

NEBRASKA.

OMAHA—Alpirn A. B.
Harding L. & Sons
Omaha Metal & Rubber Co.
Steinberg Nathan

NEW JERSEY.

BAYONNE—Bayonne Scrap Iron & Metal Co.
ELIZABETH—Isaac Hyman Sons Co.
Kaufman David & Sons Co.
HOBOKEN—Lehman Bros.
JERSEY CITY—Contey Frank, 451 Whiton
Contey Frank Co., 317 Grand
Letcher R. J. & Son, 191 Morgan
Leveson S., 464 Grand
NEWARK—Friedman Chas., 5 Beacon
Leonards P. & Sons, 57 River
Liebstein J. & Sons, 1226 Broad
Newark Metal Co.
Sangiacomo Sons, 9 Abel
Serratelli's P. Sons, 156 Malvern
WALSH SONS & CO., 295-305 Passaic
PATERSON—Lapat L.
Sinn Fred'k
Stamm Max
PHILLIPSBURG—Gibney Iron & Steel Co.
PLAINFIELD—Haskard John S.
TRENTON—Millner Frank

NEW YORK.

ALBANY—Albany Waste & Metal Co.
BUFFALO—Bock M., 32 W Bennett
Buffalo House Wrecking & Salvage Co., Sycamore & Erie RR
Buffalo Waste Paper Co., 113 Erie
Cohen Isaac H., 111 Pratt
Lenahan Frank & Son, 53 Fulton
Michel Louis, 560 Elk
Morrison & Risman, 1437 Bailey av
Sukernek Louis, Clinton & Metcalfe
Ullman D. Sons
Ullman Jacob, 84 Oneida
CLYDE—Millard Geo. P.
NEWBURGH—Hart Patrick

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Blume H. & Son, 536 Myrtle av
Kelly's James T. Sons, 249 Greene
Loewenthal Co., 23 Heyward
Rothschild R., 207 Norman av
Samuels M. & Sons, N 2d
Smith Thos. & Son, 410 3d av
Watson Andw., 44 Withers

Boroughs of Manhattan and Bronx.

NEW YORK CITY—Bers E. & Co., 10 Debrosses
Continental Iron & Steel Co., 2 Rector
Eagle Pipe Supply Co., 233 B'way
Goldschmidt Detinning Co. (Scrap Steel Only), 120 B'way. Factories: Chrome, N. J., & Wyandotte, Mich.
Hanshaft Max, 262 Front
Harris Burt., 30 Church
Kelleher John J., 89 Tomkins
London N., 263 Front
Lowy D. & Co., 66 10th av
Metal & Thermit Corp., 120 B'way
See adv index at end of book
Metropolitan Iron & Steel Co., 560 W 26th
Oppenheimer J. & Co., 81 Fulton
Rubber Waste Co., 152 Lincoln
Schoolhouse J. Co., 293 Rider av
Ziegler S. & Co., 421 Morris av

Borough of Queens.

LONG ISLAND CITY—Daly Jno. J. Iron, Steel & Metal Co., 101 Mott av

(End of New York City)

OLEAN—Bock Leo
ROCHESTER—Coates, Bennett & Reidenbach
SYRACUSE—Hurwitz Bros. Iron & Metal Co.
TROY—Symansky Bros.
Troy Scrap Iron & Metal Co.
UTICA—Baxter T. W. Co.
WATERVLIET—Security Steel & Iron Co.

NORTH CAROLINA.

CHARLOTTE—Yarbrough & Bellinger Co.

OHIO.

AKRON—American Scrap Iron Co. (Rails, Beams, etc)
ALLIANCE—Galansky Thos.
CANTON—Canton Iron & Metal Co.
CINCINNATI—Fettig Jos., 1910 Plum
Hilb & Bauer, Union Tr. bldg
Hils Chas. L. Co., 832 Reedy
Joseph Isaac Iron Co., 525 Hunt
Joseph Joseph & Bro. Co.
Klein & Cohn, 518 Hannibal
Moskowitz Bros., 7th & Freeman
Watelsky & Co., 307 Baymiller
CLEVELAND—Cohen M. & Son Co., 1670 St. Clair
Fishel & Marks, 3018 E 55th
Grodin Bros.
Hirsch G. & Co.
Koblitz-Kohn Co., 2374 Canal rd
McCarthy W. B., Rose bldg
Schwarzenberg E. A., Guardian bldg
Shaw A., 2687 E 40th
Silberman Morris & Son, 2418 B'way
COLUMBUS—Kilbourne M. & Co., 24 W Mound
Schonthal Joseph Iron Co.
DAYTON—Dayton Iron & Metal Co.
Israel Bros. Iron & Metal Co.
ELYRIA—Elyria Belting & Machinery Co.
HAMILTON—Wolf & Co.
MARIETTA—Buckeye Supply Co.
La Crosse Scrap Iron & Metal Co.
Producers' Supply & Tool Co.
PIQUA—Ohio Scrap Iron & Metal Co.
Piqua Paper Box Co.
SANDUSKY—Cohen Jos. M.
Weier Bros.
SPRINGFIELD—Schadel J. & Co.
TOLEDO—Gerson I. & Son
Raymon David
Rosen Henry
Shuer-Woodruff Iron & Metal Co.
Toledo Scrap Iron & Metal Co., Ohio bldg
WARREN—Warren Metal Co
YOUNGSTOWN—Wilkoff Co.

PENNSYLVANIA.

ALLENTOWN—Fechheimer Steel & Iron Co.
Sofranscy H. Co.
ALTOONA—Abelson A.
BEAVER FALLS—Solomon Jos.
Solomon Moses
BIRDSBORO—Birdsboro Iron & Steel Breaking Co. (Ltd.)
COATESVILLE—Gerson Samuel
ERIE—Erie Iron & Metal Co.
Erie Iron & Steel Co.
FRANKLIN—Carnick R.
HARRISBURG—Harrisburg Iron & Steel Co.
Michlovitz & Co.
Williams & Freedman
JOHNSTOWN—Cambria Junk Co.
LEBANON—Brenner L. & Co.
Caplan Julius H.
Donaghmore Iron & Steel Co.
Lebanon Engineering & Supply Co.
MIDDLETOWN—Middletown Iron, Metal & Coal Co.
NORRISTOWN—Furlong Andrew J.
Mann Bros.
Norristown Iron & Steel Co.
PHILADELPHIA—Bers E. & Co., 330 S Delaware av
Caine John J., North American bldg
Dallett & Co., Harrison bldg
De Cou Richard Co., 12th & Noble
Dreifus Chas. Co., Pennsylvania bldg
Dreifus Emanuel & Co., Comm'l Tr. bldg
Fraley's S. C. Sons, 515 Richmond
Gillingham H. F. & Co., 1013 N Front
Girard Iron & Metal Co., E York & Aramingo av
Goldstein's L. Sons, Allegheny bl. Richmond
Halpern Isaac Bros. & Co., 1333 N Front
Henning Jno. & Son, 1016 E Susquehanna av
Hitner's Hy. A. Sons Co. (Also Metals, etc.), Huntington & Aramingo av
Hoffer Allen R. & Co., Penna. bldg
Houston C. B. & Co., Franklin Bank bldg
Johnson Geo. T. & Co., Commercial Trust bldg
Johnson, Sharp & Co., Widener bldg
Keeley Jerome & Co., 421 Chestnut
Law Ernest & Co., Harrison bldg
Leaf E. B. Co., Real Estate Trust bldg
Mohr J. J. & Son (Old Car Wheels, etc), Bullitt bldg
Newkirk Jno B. & Co., Harrison bldg
Oliver J. H. & Co., 1414 S Penn sq
Purves Machinery & Iron Co., South & Water
SAMUEL FRANK, Harrison bldg
See adv index at end of book
Weil's Morris Sons, 837 N 3d
Wheeler, Mifflin & Co., Commercial Trust bldg
Wittmann N. B. & Co., Commercial **Trust bldg**
Wood A. M. & Co., Commercial Trust bldg
PITTSBURGH—Bell Bros., 27th & A. V. Ry
Dreifus Chas. Co., Oliver bldg
Frank M. K., Frick bldg
Green L. A., First Nat'l Bk. bldg
Hausman & Wimmer Co., 111 2d av
Jones J. B. & Co., 712 Lacock
Keystone Iron & Metal Co., Bessemer bldg
Koehler J. P. Co., 2837 Smllmn
Koehler & Streng Co., Noblestown rd
Levinson, Schubb & Caplan, 35 Pride
McLean Geo. A. & Co., 915 Beaver
Maloney T. J., A V R R & 29th
Moore Edgar M. & Co., Farmer's Bank bldg
Riccordino Angelo, 1014 Webster av
Soracco John J., 116 3d av
Speer M. B. & Co., 515 Reedsdale
Streng M. Sons Co., River & Warfield
Trimble Mudge & Co., Oliver bldg
PITTSTON—Adelson Mose D.
POTTSTOWN—**POLLOCK MAYER.**
POTTSVILLE—Brenner & Weiner
PUNXSUTAWNEY—Light A. L.
READING—Grieshaber Wm.
Luria Bros. & Co.
Isecovitz Morris
Ruttenberg Bros.
SCRANTON—Levi B. & Co.
SHARON—Sharon Iron & Metal Co.
Speer M. Iron & Metal Co.
WILKES-BARRE—Fisher E. J. & Co.
Shapiro Henry
WILLIAMSPORT—Bloom W. & Co.
YORK—Luria Rag Co.

RHODE ISLAND.

PROVIDENCE—Higgins J. H. Co., 198 Globe, Broadway
Pettis B. H. Co., 102 Harris av

TENNESSEE.

KNOXVILLE—Tillery J. F. Iron Co.
MEMPHIS—Memphis Iron & Metal Co.

TEXAS.

HOUSTON—Block Jules Junk Co.
Kaminsky Louis Co.

VIRGINIA.

RICHMOND—Cosby Clarence
Nott F. H.
Virginia Iron & Metal Co., 7th & Semmes.

WASHINGTON.

TACOMA—Wallis & Sons

Buyers of
SURPLUS STOCKS
MACHINERY,
Hardware, Steel, Wire,
Brass and Copper
Products
Midgley & Prentice, Inc.
30 Church St., New York City

MIDGLEY & PRENTICE, INC., 30 Church *See adv index at end of book*
Ofstein A., 2 av B

WISCONSIN.

KENOSHA—Northeastern Iron & Metal Co.
MILWAUKEE—Benesch Jos. & Co., 1718 Vliet
Cassel A. A. Metal Co., 227 Mineral
Seeboth Bros. Co., 111 Reed
RACINE—Northwestern Iron & Metal Co.
Racine Iron & Metal Co.

13092— Scrap Lead

Bassman & Oislander, 217 Front, New York
Caplan Julius H., Lebanon, Pa.
du Pont de Nemours & Co., E. I. (By-Products Division), Wilmington, Del.
Erie Iron & Steel Co., Erie, Pa.
Knight Iron & Metal Co., 27th to 28th & 1st av, Birmingham, Ala.
Sofranscy H. Co., Allentown, Pa.

13093— *Scrap Paper

Erie Iron & Steel Co., Erie, Pa.

13094— Scrap Rubber

Adrian Iron & Metal Co., Adrian, Mich.
Albany Waste & Metal Co., Albany, N. Y.
Albert L. & Son, Trenton, N. J.
Alliance Iron & Metal Co., Alliance, O.
Alpert M. & Son, New Haven, Conn.
American Iron & Metal Co., 140 Oliver, Boston, Mass.
American Paper Stock Co., 297 Orleans, Detroit, Mich.
Armstrong R. S. & Bro., Atlanta, Ga.
Askan Rubber Co., Milford, Conn.
Barker A. Iron Co., Springfield, Ill.
Berry James & Son, Brockton, Mass.
Bers E. & Co., 330 S Del. av, Phila., Pa.
Berzen Nat. E., 232 South, New York
Bieley Boris, 59 Pearl, New York
Bierman F. & Sons, St. Louis, Mo.
Binghamton Metal & Paper Co., Binghamton, N. Y.
Birkenstein S. & Sons, 377 W Ontario, Chicago, Ill.
Birnbaum Bros. & Sack, 133 Roosevelt, New York
Bloom W. & Co., Williamsport, Pa.
Blumberg L., 335 N 4th, Phila., Pa.
Buffalo Waste Paper Co., 113 Erie, Buffalo, N. Y.
Carlson & Barger, Northampton, Mass.
Chapman & Resnick, 1361 S Morgan, Chicago, Ill.
Clapp C. E. & Co., 170 Summer, Boston, Mass.
Clifford Mrs. C., Baltimore, Md.
Cohen D., Danville, Ill.
Coleman W. C. Co. (Imp & Exp), 161 Summer, Boston, Mass.
Contey Frank, 451 Whiton, Jersey City, N. J.
Cummings Wm. H. & Sons, 60 Harrison, New York
Dayton Iron & Metal Co., Dayton, O.
du Pont de Nemours & Co., E. I. (By-Products Division), Wilmington, Del.
Electric Rubber Reclaiming Co., Barberton, Ohio
Erie Iron & Metal Co., Erie, Pa.
Erie Iron & Steel Co., Erie, Pa.
Feinburg David Co., 11 B'way, Chelsea, Mass.
Feldman H. & Co., 324 S Delaware, Phila., Pa.
Fettig J., 1910 Plum, Cincinnati, O.
Frank Nathan & Sons, 1404 Mullikin, Baltimore, Md.
Frankel Bros. & Co., Rochester, N. Y.
Frederick Iron & Metal Co., 235 Harrison, Baltimore, Md.
Friedman Chas., 5 Beacon, Newark, N. J.
Galansky Thos., Alliance, O.
Gilinsky M., Trenton, N. J.
Globe Iron & Metal Co., 117 E York, Baltimore, Md.
Goldwater J. M., 943 N American, Phila., Pa.
Grieshaber Wm., Reading, Pa.
Grimm Paul, 284 Front, New York
Grodin Bros., Cleveland, O.
Gumbinsky Oscar & Bros., Kalamazoo, Mich.
Hanshaft Max, 262 Front, New York
Harding L. & Sons, Omaha, Neb.
Hausman & Wimmer Co., 111 2d, Pittsburgh, Pa.
Helper Bros., Bay City, Mich.
Hils Chas. L. Co., 832 Reedy, Cincinnati, Ohio
Hofeller Theo. & Co., 206 Scott, Buffalo, N. Y.
Hofeller-Loeser Co., Depew, N. Y.
Jameson, Rabinovitch & Jameson, 1510 Newberry av, Chicago, Ill.
Kaplan L., Salem, O.
Kaufman M., 347 N Sheldon, Chicago, Ill.
Kilbourne M. & Co., 24 W Mound, Columbus, O.
King W. H., 149 S Hancock, Philadelphia, Pa.
Klein & Cohn, 518 Hannibal, Cincinnati, Ohio
Knight Iron & Metal Co, 27th to 28th & 1st av, Birmingham, Ala.
Koblitz-Kohn Co., 2374 Canal rd, Cleveland, O.
Lehman Bros., Hoboken, N. J.
Leonardis P. & Sons, 57 River, Newark, N. J.
Levi M. A., Rochester, N. Y.
Loewenthal Co., 23 Heywood, Brooklyn, N. Y.
Loveland A. C. & Co., Hartford, Conn.
Lublin B. & Son, Hartford, Conn.
Luria Rag Co., York, Pa.
McGrory Philip, Trenton, N. J.
McTague Martin F., 1221 Bainbridge, Phila., Pa.
Meyer Bros., 234 Front, Philadelphia, Pa.
Millard Geo. P., Clyde, N. Y.
Moskowitz Bros., 7th & Freeman, Cincinnati, O.
Muehlstein H. & Co., 114 W Van Buren, Chicago, Ill.
Naporano Louis, 17 Van Buren, Newark, N. J.
Norton M. & Co., Charlestown, Boston, Mass.
Nott F. H., Richmond, Va.
Omaha Metal & Rubber Co., Omaha, Neb.
Oppenheimer & Co., Buffalo, N. Y.
Pittsfield Junk Co., Pittsfield, Mass.
Raymond Rubber Co, Titusville, N. Y.
Riccordino A., 1010 Webster, Pittsburgh, Pa.
Robinson D. & Sons, 646 Hastings, Detroit, Mich.
Rosenberg Bros., Chelsea, Mass.
Rosenthal H. A., Trenton, N. J.
Rosenthal's J. Sons, 190 W. Berks, Phila., Pa.
Rubber Waste Co., 152 Lincoln, New York
Rubber & Metal Supply Co., 157 South, New York
San Giacomo Sons, 9 Abel, Newark, N. J.
Sarachan & Rosenthal, Rochester, N. Y.
Schnurmann J. (Imp.), 30 Church, New York
Sofranscy H. Co., Allentown, Pa.
Sonken Galamba Iron & Metal Co., North 2nd, Kansas City, Kans.
Staiman Bros., Williamsport, Pa.
Stedman J. H. Co., South Braintree, Mass.
Topper Bros., Kimball & Mitchell, Columbus, O.
Trenton Scrap Rubber Supply Co., Trenton, N. J.
Ullman D. Sons, Buffalo, N. Y.
Verrone L., 209 Charlton, Newark, N. J.
Watelsky & Co., 307 Baymiller, Cincinnati, O.
Weils M. Sons, 837 N 3d, Phila., Pa.
West Side Metal Refining Co., 1447 S Sangamon, Chicago, Ill.
Yorkville Scrap Rubber & Metal Co., 266 W 53d, New York

13095— Scrap Tin

Bassman & Oislander, 217 Front, New York
Birnbaum Bros. & Sack, 133 Roosevelt, New York
Caplan Julius H., Lebanon, Pa.
Knight Iron & Metal Co., 27th to 28th & 1st av, Birmingham, Ala.
Rosenblatt Wm. (Inc.), 262 Water, New York
Rothschild R., 207 Norman av, Brooklyn, N. Y.
Sofranscy H. Co., Allentown, Pa.

13096— Scrap Zinc

Bassman & Oislander, 217 Front, New York
Caplan Julius H., Lebanon, Pa.
Erie Iron & Steel Co., Erie, Pa.
Henning V. & Sons, 330 Belmont av, Brooklyn, N. Y.
Knight Iron & Metal Co., 27th to 28th & 1st av, Birmingham, Ala.

13097—Scraper-Sets (Carbon)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

13098— Scrapers (Bakers')

Watkins James Y. & Son, 20 Catherine, New York

13099— Scrapers (Bearing)

Buffum Tool Co. ("Swastika," Three Cornered Automobile, Curved & Engineers' Sets), South Side, Louisiana, Mo.
Goodell-Pratt Co., Greenfield, Mass.
Harrold Tool & Forge Co. (Hand Forged), Columbiana, O.
Marcy Tool Works, Putnam, Conn.
Vlchek Tool Co. ("Vlchek," Machinists' Automobile & Non-Chattering), 10711 Quincy av, Cleveland, O.

Scrapers (Boiler Flue or Tube)

See Cleaners, Boiler Flue or Tube

13100—Scrapers (Box & Plumbers')

Atkins E. C. & Co. (Floor & Cabinet Bench), Indianapolis, Ind.
Binney & Smith Co. ("Marxoff"), 81 Fulton, New York
Bradley G. W. Axe & Tool Mfg. Co., Newburgh, N. Y.
Bridgeport Hardware Mfg. Corp. ("Perfection"), Bridgeport, Conn.
Browne & Dowd Mfg. Co. (Plumbers), Meriden, Conn.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Carver Tool Works, Spring Valley, N. Y.
Chapin-Stephens Co., Pine Meadows, Conn.
Dicke Tool Co. (Also Barrel), Downers Grove, Ill.
Drew C. & Co., Kingston, Mass.
Kraeuter & Co., 583 18th av, Newark, N. J.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Marine Hardware-Equipment Co. ("Acme" & "Mheco"), So. Portland, Me.
Ohio Tool Co. ("Ohio" Adjustable), Charleston, W. Va.
Peck, Stow & Wilcox Co., Southington, Conn.
Potter Mfg. Co. (Triangular Steel Blade), Geneva, O.
Sargent & Co. ("New Haven Edge Tool Co."), New Haven, Conn.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Stanley Rule & Level Co., New Britain, Conn.
Stortz Jno. & Son, 210 Vine, Phila., Pa.
S. & I. Co., Springfield, Mass.
Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.
Vaughan & Bushnell Mfg. Co. ("V. & B." Box Only), 2114 Carroll av, Chicago, Ill.
Weston Thos. B. (Box), 708 Light, Baltimore, Md.
Wilcox, Crittenden & Co., Middletown, Conn.

13101—Scrapers (Broom Corn)

Colton G. D. & Co. ("Galesburg"), Galesburg, Ill.

13102—Scrapers (Butchers' Block)

Bradley G. W. Axe & Tool Mfg. Co., Newburgh, N. Y.
Brecht Co., 1201 Cass av, St. Louis, Mo.
Browne & Dowd Mfg. Co., Meriden, Conn.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Chatillon John & Sons, 85 Cliff, New York
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book
Stortz John & Son, 210 Vine, Phila., Pa.
Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.
Worcester Brush & Scraper Co., Worcester, Mass.

13103—Scrapers (Cabinet, Etc.)

Bishop Geo. H. & Co., Lawrenceburg, Ind.
Browne & Dowd Mfg. Co., Meriden, Conn.
Buckeye Mfg. Fdry. Co., 2046 W 55th, Cleveland, Ohio
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

Disston Hy. & Sons, Tacony, Phila., Pa.
Goodell-Pratt Co., Greenfield, Mass.
Jennings C. E. & Co., 71 Murray, New York
Ohio Tool Co. ("Ohio"), Charleston, W. Va.
Sargent & Co., New Haven, Conn.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book
Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.
S. & I. Co., Springfield, Mass.
Weber Mfg. Co., West Allis, Wis.

Scrapers (Carbon)

See Scraper-Sets, Carbon

13104— Scrapers (Coke)

Mineral Ridge Mfg. Co., Mineral Ridge, O.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Niles Mine & Mill Supply Co., Cleveland, O.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

13105-6—Scrapers (Confectioners' & Bakers')

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

13107— Scrapers (Cotton)

Avery B. F. & Sons, Louisville, Ky.
Blount Plow Works, Evansville, Ind.
Brinly Hardy Co. (White), Louisville, Ky.
Empire Plow Co., Cleveland, O.
Hall Jas. H. Plow Co., Maysville, Ky.
Hartig W. F. Plow Co., Evansville, Ind.
Ohio Cultivator Co., Bellevue, O.
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Parlin & Orendorff Co. ("P. & O."), Canton, Ill.
Rock Island Plow Co., Rock Island, Ill.
Southern Plow Co., Columbus, Ga.
Towers & Sullivan Mfg. Co., Rome, Ga.
White's S. R. Sons (Inc.), Norfolk, Va.

Scrapers (Drag Wheel)

See Road Scrapers, Drag & Wheel

13108— Scrapers (Floor)

Cleveland Osborn Mfg. Co. (Iron Head Rubbers), 5405 E Hamilton, Cleveland, Ohio
Dikeman Mfg. Co. ("Dikeman," Hand Rest, for Floors, Woodwork, etc), Norwalk, Conn.
Duncan Bros. & Wray Co. ("Perfection," "Wray"), Ludlow Falls, O.
Foote I. B. Foundry Co., Fredericktown, Ohio
Fox Supply Co., Brooklyn, Wis.
Goodell-Pratt Co., Greenfield, Mass.
Haven Mfg. Co. ("Haven"), Racine, Wis.
Kepplinger Geo. J. ("Boss"), Dwight, Ill.
Kuster J. A. ("Common Sense"), Plymouth, Wis.
Nicholls Mfg. Co. ("Nicholls" Non-Vibrating), Ottumwa, Ia.
Putnam Mfg. Co. ("Black Hawk"), Davenport, Ia.
Rock Island Mfg. Co. ("Black Hawk"), Rock Island, Ill.
Schlueter M. L., 225 W Illinois, Chicago, Ill.
STARRETT L. S. CO. (THE) (For Floors, Benches, etc.), Athol, Mass.
See adv index at end of book
Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.
Stortz John & Son, 210 Vine, Phila., Pa.
Weber Mfg. Co., West Allis, Wis.

13109— Scrapers (Foot)

Arcade Mfg. Co. ("Arcade"), Freeport, Ill.
Cassady Fairbank Mfg. Co. ("Doorstep"), 6126 S La Salle, Chicago, Ill.
Grey Iron Casting Co., Mt. Joy, Pa.
Griffin Mfg. Co., Erie, Pa.
Loetscher-Ryan Mfg. Co., Dubuque, Ia.
National Mfg. Co. (Self-Cleaners, "Upright," Wrought Steel), Sterling, Ill.
Peck, Stow & Wilcox Co., Southington Conn.
Pratt Wm. E. Mfg. Co. (Steel), 35 W Lake Chicago, Ill.
Reading Hardware Co., Reading, Pa.
Richards-Wilcox Mfg. Co. ("Richards-Wilcox" Steel), Aurora, Ill.
Rock Island Mfg. Co., Rock Island, Ill.
Sargent & Co., New Haven, Conn.
Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.
Sterling Foundry Co. (For Concrete Walks), Sterling, Ill.
Stover Mfg. Co., Freeport, Ill.
Weller Hdwe. & Fdry Co. (Cast), Horseheads, N. Y.
Williams A. C. Co., Ravenna, O.
Wrightsville Hardware Co., Wrightsville, Pa.

13110— Scrapers (Hog)

Brecht Co., 1201 Cass av, St. Louis, Mo.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Cincinnati Butchers Supply Co. (Revolving Belt), 2008 Central av, Cincinnati, O.
Hessler H. E. Co. (Reversible), Syracuse, N. Y.
Peck, Stow & Wilcox Co., Southington, Conn.
Rollman Mfg. Co. (Ltd.) (Flange), Mt. Joy, Pa.
Superior Sheet Metal Works Co. (Double End), 3201 Roosevelt av, Indianapolis, Ind.
Troy File Works (Reversible), Troy, N. Y.
Vaughan & Bushnell Mfg. Co. ("V. & B." Sheet Steel), 2114 Carroll av, Chicago, Ill.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

13111—Scrapers (Ice Cream Can)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Giles & Nielsen Nickel Works, Troy, N. Y.
Maag August Co., 509 W Lombard, Baltimore, Md.
Stortz John & Son, 210 Vine, Phila, Pa.

Scrapers (Kettle)

See Scrapers, Pot & Kettle

13112—Scrapers (Machinists')

Disston Hy. & Sons (All Kinds), Tacony, Phila., Pa.

Scrapers (Miners')

See Miners' Needles & Scrapers

13113-4—Scrapers (Painters' & Paperhangers')

Allen A. & Co., 2001 Carpenter, Phila., Pa.
Bagshaw & Field, 445 N 5th, Phila., Pa.
Browne & Dowd Mfg. Co., Meriden, Conn.
Cassady Fairbank Mfg. Co. (Painters' Wall, etc), 6126 S La Salle, Chicago, Ill.
Cattaraugus Cutlery Co. ("Cattaraugus"), Little Valley, N. Y.
McNiece Wm. & Son, 515 Cherry, Phila., Pa.
Meriden Cutlery Co., Meriden, Conn.
White Ira F. & Son Co., Bloomfield, N. J.

13115—Scrapers (Placer Dredging)

Seattle Machine Works (Automatic), Seattle, Wash.
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.

13116— Scrapers (Plate)

Cassady Fairbank Mfg. Co. ("Foskett" Noiseless), 6126 S La Salle, Chicago, Ill.
Racine Iron & Wire Works, Racine, Wis.

13117—Scrapers (Pot & Kettle)

See also Chains, Pot

Browne & Dowd Mfg. Co. ("Gem"), Meriden, Conn.
Cassady Fairbank Mfg. Co. (Flexible, Ball Joint, "Buckeye"), 6126 S La Salle, Chicago, Ill.
Christy Knife Co. (Flexible), Fremont, O.
Kohler F. E. Co. (Flexible), Canton, O.
Metal Specialties Mfg. Co., 338 N Kedzie av, Chicago, Ill.
Rocky Hill Hardware Co., Rocky Hill, Conn.
Royal Mfg. Co., Denckla bldg, Phila., Pa.
Stortz John & Son, 210 Vine, Phila., Pa.
Streeter N. R. & Co. ("Sensible" Chain), Rochester, N. Y.

13118—Scrapers (Road & Pavement)

Jackson Mfg. Co., Harrisburg, Pa.
See adv index at end of book
Lay Jos. Co. (Steel Push), Ridgeville, Ind.
Toy W. M. & Co. (Automatic), 10 E Shelby, Sidney, O.

13119—Scrapers (Ship & Tree)

Bradley G. W Axe & Tool Mfg. Co., Newburgh, N. Y.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Chapin-Stephens Co., Pine Meadows, Conn.
Drew C. & Co., Kingston, Mass.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Marine Hardware Equipment Co. ("Acme" & "Mheco"), South Portland, Me.
NICHOLS BROS. ("Nichols Bros" Ship), Greenfield, Mass.
Stortz John & Son, 210 Vine, Phila., Pa.
Vaughan & Bushnell Mfg. Co. ("V. & B."), 2114 Carroll av, Chicago, Ill.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.
Wilcox, Crittenden & Co., Middletown, Conn.

Scrapers (Sidewalk)

See Cleaners, Pavement

13119a—*Scrapers (Sleet)

Nuttall R. D. Co. (For Removing Sleet from Trolley Wires), Pittsburgh, Pa.
See adv index at end of book

13120—Scrapers (Snow, for Cars)

Gifford-Wood Co., Hudson, N. Y.
Root Spring Scraper Co. ("Root," Spring Scrapers), Kalamazoo, Mich.
St. Louis Car Co. (For Railroads), 8000 N B'way, St. Louis, Mo.

13121—*Scrapers (Snow, for Natural Ice Producers)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av, & P. & R. Ry., Phila., Pa.
See adv index at end of book

13122— Scrapers (Stove)

American Mfg. Co. "No-Rust"), Chattanooga, Tenn.
Auer John Jr. (Wrought Stove Flue), 197 Middleton, Brooklyn, N. Y.
Fanner Mfg. Co., Cleveland, O.
Lamson & Sessions Co., 2188 Scranton rd, Cleveland, O.
National Enameling & Stamping Co., 411 5th av, New York
Ohio Nut & Bolt Co., Berea, O.
Parker Wire Goods Co. (For Stove Flues), Worcester, Mass.
Stover Mfg. Co., Freeport, Ill.
Wehrle Co., Newark, O.
Wire Goods Co. (For Stove Flues), Worcester, Mass.

13123— *Scrapers (Street)

JACKSON MFG. CO., Harrisburg, Pa.
See adv index at end of book
Toy W. M. & Co., Sidney, O.

13124—Scrapers (Sweat, for Horses)

North & Judd Mfg. Co. ("Anchor Brand" Flexible), New Britain, Conn.

13124a— Scrapers (Track)

See also Cleaners, Track

COLONIAL SUPPLY CO., 217 Water, Pittsburgh, Pa.
See adv index at end of book

13125— Scrapers (Wall)

Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
Jennings C. E. & Co. ("C. E. J. & Co.'s," "Clark's"), 71 Murray, New York
Kohler F. E. Co., Canton, O.
Ontario Knife Co., Franklinville, N. Y.
Potter Mfg. Co. ("Potter" Enameled Shank Steel Blade), Geneva, O.
Reading Saddle & Mfg. Co., Reading, Pa.
Richard Stephen Co. ("S. R."), Southbridge, Mass.

SCRAPERS (WALL)—continued

SMITH & HEMENWAY CO., INC. ("Red Devil"), 261 B'way, New York; 130 Coit, Irvington, N. J.
See adv index at end of book
Stortz John & Son, 210 Vine, Phila., Pa.
Utility Mfg. Co. ("Ziegler," **Four Edge**), 11 N 6th, Phila., Pa.
White Ira F. & Son Co., Bloomfield, N. J.

13126-7— Scrapers (Wire)

Dicke Tool Co. ("Perry"), Downers Grove, Ill.
Klein Mathias & Sons, 562 W Van Buren, Chicago, Ill.
Sibley Pitman Electrical Corp. ("Climax"), 19 W 36th, New York.

Scratch Brushes (Wire)

See Brushes, Steel Wire

13128— Screen Door Sets

Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

13128a— Screens (Bagging)

Jelliff C. O. Mfg. Corp., Southport, Conn.

13129—*Screens (Bank Counter)

DAHLSTROM METALLIC DOOR CO. (Metal), 35 Blackstone av, Jamestown, N. Y. *See adv index at end of book*
GORHAM CO., ARCH'L BRONZE, 5th av & 36th, New York
See adv index at end of book
TYLER W. S. CO., Cleveland, O.
See adv index at end of book

13130— Screens (Bar)

Erdle Perforating Co., 181 York, Rochester, N. Y. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Sanford-Day Iron Works, Knoxville, Tenn.
Savage W. J. Co., Knoxvile, Tenn.

13131— Screens (Car)

Erdle Perforating Co., 181 York, Rochester, N. Y. *See adv index at end of book*
Jamestown Window Screen Co., Jamestown, N. Y.
Nedrow Mfg. Co., Caledonia, N. Y.
St. Louis Car. Co., 8000 N B'way, St. Louis, Mo.
Watson Mfg. Co., Jamestown, N. Y.

13132—Screens (Clay & Cement)

Alloy Steel Forging Co., Carnegie, Pa.
American Clay Working Machinery Co., S Walnut, Bucyrus, O.
American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
Anderson Foundry & Machine Works (Revolving), Anderson, Ind.
Chambers Bros. Co. ("H. C. Virgin," For Clay Only), 52d, bel. Lancaster av, Phila., Pa.
Cross Engineering Co., Carbondale, Pa.
Dunlap Mfg. Co., Bloomington, Ill.
ERDLE PERFORATING CO., 181 York, Rochester, N. Y.
See adv index at end of book
Fate J. D. Co. (Clay), Plymouth, O.
Howard & Morse, 46 Fulton, New York
International Clay Machinery Co., Dayton, O.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Littleford Bros., 444 E Pearl, Cincinnati, O.
Manufacturers' Equipment Co., Dayton, O.
Multi-Metal Separating Screen Co. (Double Crimped Cement), 251 W 19th, New York
Peerless Wire Goods Co., Lafayette, Ind.
Seibel-Suessdorf Copper & Iron Mfg. Co., 2nd & Lombard, St. Louis, Mo.
Traylor Engng. & Mfg. Co., Allentown, Pa.

Screens (Coal)

See Screens, Sand, Coal & Gravel; also Screens, Revolving & Shaking

13133— Screens (Cylindrical)

Alloy Steel Forging Co., Carnegie, Pa.
American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
Atlas Engineering Co., Amherst, O.
See adv index at end of book
Case J. I. Threshing Machine Co. (for rock), Racine, Wis.
Dillon-Box Iron Works Co., Denver, Colo.
Erdle Perforating Co., 181 York, Rochester, N. Y. *See adv index at end of book*
Hendrick Mfg. Co., Carbondale, Pa.
Howard & Morse, 46 Fulton, New York
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Johnston & Chapman Co. ("John O'Laughlin's"), 2925 Carroll av, Chicago, Ill.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av, & P. & R. Ry., Phila., Pa.
See adv index at end of book
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Savage W. J. Co., Knoxville, Tenn.
Seibel-Suessdorf Copper & Iron Mfg. Co., 2d & Lombard, St. Louis, Mo.

13134— Screens (Decorative)

Aeroshade Co., Waukesha, Wis.
Burrowes E. T. Co. (Folding), Portland, Me.
Goshen Novelty & Brush Co. (Folding), Goshen, Ind.
Lamb Geo. L. (Folding, etc), Nappanee, Ind.
Syracuse Screen & Grille Co. (Folding, etc), North Manchester, Ind.

13135-6—Screens (Diaphragm)

Baker Mfg. Corp. ("Monarch" for Paper Mills), Saratoga Springs, N. Y.
Harmon Machine Co. ("Harmon" for Paper Mills), Watertown, N. Y.

Screens (Door)

See Screens, Window & Door

13137—Screens (Fat & Bone Washing, Etc.)

LINK-BELT COMPANY, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

13138— *Screens (Feed)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*

13139— Screens (Filter)

Standard Wire Co. ("Danck" for Sugar Plants), New Castle, Pa.

Screens (Fire Place)

See Fire Place Furnishings

13140— Screens (Fish)

Burpee & Letson, Ltd. ("Rowley" for Irrigated Ditches), Bellingham, Wash.

13141—Screens for Water Works

Coldwell-Wilcox Co. (For Purifying Water), Newburgh, N. Y.
Howard & Morse, 46 Fulton, New York

13142— Screens (Foundry)

Belmer H. Co., 628 W 3d, Cincinnati, O.
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.
Howard & Morse, 46 Fulton, New York
MEYERS FRED. J. MFG. CO., Hamilton, O. *See adv index at end of book*
Paxson J. W. Co., 1021 N Delaware av, Phila., Pa.
Standard Sand & Machine Co., 5150 St. Clair av, Cleveland, O.

13143—Screens (Gravel Washing)

Beckley Perforating Co. (Triple, for Sand & Gravel), Garwood, N. J.
Biesanz Stone Co., Winona, Minn.
Dillon-Box Iron Works Co., Denver, Colo.
Erdle Perforating Co., 181 York, Rochester, N. Y. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Littleford Bros. 444 E Pearl, Cincinnati, O.
Peerless Wire Goods Co. (Wire), Lafayette, Ind.
Sellar Supply Co., 559 W Quincy, Chicago, Ill.
Seibel-Suessdorf Copper & Iron Mfg. Co., 2d & Lombard, St. Louis, Mo.
Stephens-Adamson Mfg. Co. ("S. A."), Aurora, Ill.

13144— Screens (Gravity)

Holmes Robt. & Bros. (For Coal Mines), Danville, Ill.
Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P R Ry., Phila., Pa. *See adv index at end of book*
Savage W. J. Co., Knoxville, Tenn.

13144a— Screens (Insect Wire)

Nedrow Mfg. Co., Caledonia, N. Y.

13145—Screens (Manganese Steel)

Alloy Steel Forging Co., Carnegie, Pa.
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.

13146— Screens (Mining)

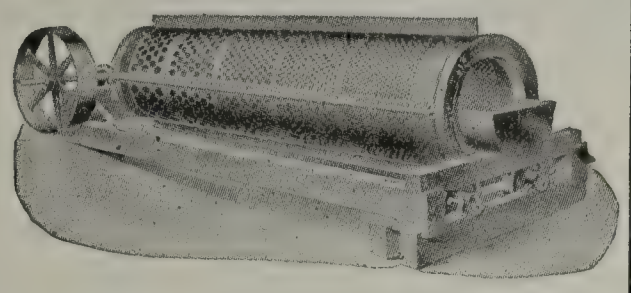
ALLIS-CHALMERS MFG. CO. (Coal Shaking), Milwaukee, Wis.
See adv index at end of book
Alloy Steel Forging Co., Carnegie, Pa.
American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
Belmer H. Co., 628 W 3d, Cincinnati, O.
Brainard Crusher-Pulverizer Co., Old Colony bldg, Chicago, Ill.
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.
California Perforating Screen Co., 416 Harrison, San Francisco, Cal.
Carbondale Machine Co., Carbondale, Pa.
Chalmers-Williams Mfg. Co., 1461 Arnold, Chicago Heights, Ill.
City Boiler & Machine Co., 939 W 8th, Kansas City, Mo.
Cleveland Wire Cloth & Mfg. Co., 3576 E 78th, Cleveland, O.
See adv index at end of book
Clinton Wire Cloth Co., Clinton, Mass.
Colorado Iron Works Co., Denver, Col.
Columbiana Boiler Co., Columbiana, O.
Connellsville Machine & Car Supply Co., Connellsville, Pa.
Cross Engineering Co., Carbondale, Pa.
Denver Eng. Works Co., Denver, Colo.
Dillon-Box Iron Works Co., Denver, Colo.
Eagle Iron Works, Des Moines, Ia.
Eagle Iron Works Co. (Shaking, etc), Terre Haute, Ind.
Erdle Perforating Co., 181 York, Rochester, N. Y. *See adv index at end of book*
Fairmont Mining Machinery Co., Fairmont, W. Va.
Galena Iron Works Corp. ("Trommell"), Galena, Ill.
Galigher Machinery Co. ("Callow" Traveling Belt), Salt Lake City, Utah
Hallidie Co. (Revolving), Spokane, Wash.
Harrington & King Perforating Co., 614 N Union av, Chicago, Ill.
Helmick Foundry & Machine Co., Fairmont, W. Va.
Hendrick Mfg. Co., Carbondale, Pa.
Hendrie & Bolthoff Mfg. & Supply Co. ("Bunker Hill"), Denver, Colo.
Howard & Morse, 46 Fulton, New York
Hunt E. H. & Co. (Coal, etc), Wilkes-Barre, Pa.
JEFFREY MFG. CO. (For Coal, Ores, etc), 961 N Fourth, Columbus, O.
See adv index at end of book
Laubenstein Mfg. Co., Ashland, Pa.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
Littleford Bros., 444 E Pearl, Cincinnati, Ohio

KENNEDY VAN SAUN MANUFACTURING AND ENGINEERING CORPORATION

120 Broadway NEW YORK, N. Y.

Crushing, Mining, Cement, Screening, Elevating, Conveying, and Transmission Machinery

THE KENNEDY SCREEN



"UNEQUALLED"

Lucas A. & Sons (Shaking), 1329 S Washington, Peoria, Ill.
Ludlow-Saylor Wire Co. (Double Crimped), Newstead av cor Wabash R R, St. Louis, Mo.
McFarlane Mfg. Co., Denver, Colo.
Mecklenburg Iron Works, Charlotte, N. C.
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
MICHIGAN WIRE CLOTH CO., 500 Howard, Detroit, Mich.
See adv index at end of book
Morse Bros. Machinery & Supply Co. ("Wild"), Denver, Colo.
Multi-Metal Co., 251 W 19th, New York
Mundt Chas. & Sons, 53 Fairmount av, Jersey City, N. J.
Niles Mine & Mill Supply Co., Niles, O.
Prox Frank Co., Terre Haute, Ind.
Remaly Mfg. Co., Tamaqua, Pa.
Sanford-Day Iron Works, Knoxville, Tenn.
Savage W. J. Co., Knoxville, Tenn.
Scottdale Machinery & Mfg. Co., Scottdale, Pa.
Seibel-Suessdorf Copper & Iron Mfg. Co., 2d & Lombard, St. Louis, Mo.
Smith Engineering Works, 1155 32d, Milwaukee, Wis.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Southwest Wire & Iron Works Co., Kansas City, Mo.
Stephens-Adamson Mfg. Co. ("S.-A."), Aurora, Ill.
Sturtevant Mill Co., Clayton & Park, Dorchester, Boston, Mass.
Traylor Engineering & Mfg. Co., Allentown, Pa.
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
United Iron Works Co., Kansas City, Mo.
Urie-Snyder Iron Works Co., Kansas City, Mo.
Vulcan Iron Works, Wilkes-Barre, Pa.
Webb City & Carterville Foundry & Machine Works ("Henry," Ore Sizing), Webb City, Mo.
West Pittston Screen Works (Wire Coal Screens), West Pittston, Pa.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

13146a— Screens (Oyster)

Jelliff C. O. Mfg. Corp, Southport, Conn.

13146b—Screens (Outdoor Sleeping Room)

Nedrow Mfg. Co., Caledonia, N. Y.

13147—Screens (Paper Mill)

Baker Mfg. Corp. (Centrifugal), Saratoga Springs, N. Y.
Bird Machine Co. ("Bird" Rotary), East Walpole, Mass.
Harmon Machine Co., Watertown, N. Y.
Improved Paper Machinery Co., Nashua, N. H.
Jolly J. & W. (Inc.) ("White," Oscillating), Holyoke, Mass.
Moore & White Co. ("M & W" Rotary), N 15th & Lehigh av, Phila., Pa.
Ryther & Pringle Co. (Balanced Shaker Chip), Carthage, N. Y.
Waterville Iron Works (Pulp Wood Chip Screen), Waterville, Me.

13148—*Screens (Perforated, for Coal, Etc.)

Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

13149— Screens (Porch)

Nedrow Mfg. Co., Caledonia, N. Y.

13150— Screens (Projection)

Genter J. H. Co., Newburgh, N. Y.
Minusa Cine Products Co., 2665 Morgan, St. Louis, Mo.
Radium Gold Fibre Screen Co., 220 W 42d, New York
Simpson Alfred L., 159 W 125th, New York
Williams Brown & Earle, 918 Chestnut, Phila., Pa.

13151—Screens (Revolving Water)

Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Sandy Hill Iron & Brass Works, Hudson Falls, N. Y.

13152—Screens (Revolving & Shaking)

Acme Road Machinery Co., Frankfort, N. Y.
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Alloy Steel Forging Co., Carnegie, Pa.
American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
American Pulverizer Co. ("American" Revolving), East St. Louis, Ill.
American Road Machinery Co. ("Champion"), Kennett Square, Pa.
Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
BARTLETT C. O. & SNOW CO. ("Triumph" Revolving for Coal, Rock, Sand, Gravel, etc), French, Cleveland, O. *See adv index at end of book*
Beckley Perforating Co. (Perforated Metal, for All Purposes), Garwood, N. J.
Bonnot Co. (Clay Working), Canton, O.
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.
Chain Belt Co., Milwaukee, Wis.
Cross Engineering Co., Carbondale, Pa.
Day J. H. Co. (Sands, Clay, etc.), Cincinnati, O.
Dillon-Box Iron Works Co., Denver, Colo.
Dull Raymond W. Co. (Stone), 111 W Washington, Chicago, Ill.
Duncan Foundry & Machine Works, Alton, Ill.
Eagle Iron Works, Des Moines, Ia.
Eagle Iron Works Co., Terre Haute, Ind.
Fairmont Mining Machy Co., Fairmont, W. Va.
Haiss Geo. Mfg. Co. (Revolving Only), 141st & Rider av, New York
Hallidie Co. (Revolving for Mines), Spokane, Wash.
Harrington & King Perforating Co., 614 N Union av, Chicago, Ill.
Helmick Fdry & Mach. Co., Fairmont, W. Va.
Hendrick Mfg. Co. (Revolving Only), Carbondale, Pa.
Herzler & Henninger Machine Works, Belleville, Ill.
Holmes & Blanchard Co., 31 State, Boston, Mass.
Howard & Morse, 46 Fulton, New York
JEFFREY MFG. CO. (All kinds, of Any Capacity), 961 N Fourth, Columbus, O. *See adv index at end of book*
KENNEDY VAN SAUN MFG. & ENG. CORP. (Trommels, Pulsating), 120 Broadway, New York
See adv index at end of book
Krom Mach. Works (Self-Cleaning Revolving), 170 B'way, New York
LINK-BELT COMPANY ("Link-Belt" for Coal, Phosphate, etc), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Littleford Bros., 444 E. Pearl, Cincinati, Ohio
Lucas A. & Sons (Shaking), 1329 South Washington, Peoria, Ill.
Meese & Gottfried Co. (Revolving), 660 Mission, San Francisco, Cal.
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
MICHIGAN WIRE CLOTH CO., 500 Howard, Detroit, Mich.
See adv index at end of book
Montgomery Coal Washing & Mfg. Co., Birmingham, Ala.
Morrow Mfg. Co. ("Independent" Shaker Screen), Wellston, O.
Mundt Chas. & Sons, 53 Fairmount av, Jersey City, N. J.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Ottumwa Box Car Loader Co. ("Ottumwa" Mine), Ottumwa, Ia.
Prox Frank Co., Terre Haute, Ind.
Pyott Co., 1401 W North av, Chicago, Ill.
Sackett H. B. Screen & Chute Co., 1691 Elston av, Chicago, Ill.
Sanford-Day Iron Works (Coal, etc), Knoxville, Tenn.
Savage W. J. Co. (Shaking), Knoxville, Tenn.
Seibel-Suessdorf Copper & Iron Mfg. Co., 2d & Lombard, St. Louis, Mo.
Smith Engineering Works, 1155 32d, Milwaukee, Wis.
Steele & Condict ("Condict," Roller Bearing Revolving), 74 Pearl, Jersey City, N. J.
Stephens Adamson Mfg. Co. ("S.-A" Revolving), Aurora, Ill.
Sturtevant Mill Co., Clayton & Park, Dorchester, Boston, Mass.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
United Iron Works Co., Kansas City, Mo.
Universal Road Machinery Co., Kingston, N. Y.
Vulcan Iron Works, Wilkes-Barre, Pa.
Walker & Elliott ("For Fertilizing Material"), 2d & Lombard, Wilmington, Del.
Waterloo Cement Machinery Corp., Waterloo, Ia.
Webster Mfg. Co., Tiffin, O.
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.
Western Wheeled Scraper Co., Aurora, Ill.

13153—Screens (Roller Window)

Invisible Roll Screen Co. ("Invisible"), East av, Long Island City, L. I.
Rollaway Screen Co., Burlington, Vt.
Nedrow Mfg. Co., Caledonia, N. Y.
Rust Proof Roller Window Screen Co., Clyde, O.
Watson Mfg. Co. (Metal), Jamestown, N. Y.

13154— *Screens (Rolling)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

13155— Screens (Rotary)

Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
Bird Machine Co. ("Bird" for Paper Mills), East Walpole, Mass.
Black-Clawson Co. ("Lamont"), Hamilton, Ohio
Lansing Co. ("Converse" for Building Materials), Lansing, Mich.

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av. & P. & R. Ry., Phila., Pa.
See adv index at end of book
Universal Crusher Co., Cedar Rapids, Ia.
Voith J. M. Co., Inc., 200 5th av, New York
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.

Screens (Safe Deposit)

See Screens, Bank Counter

13156—Screens (Sand, Coal & Gravel)

Alloy Steel Forging Co., Carnegie, Pa.
Barbee Wire & Iron Works, 170 N Dearborn, Chicago, Ill., & Lafayette, Ind.
Barker S. G. & Son (Coal Only), Scranton, Pa.
Belmer H. Co., 628 W 3d, Cincinnati, O.
Bigelow Cheney Wire Works, Springfield, Mass.
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.
California Perforating Screen Co., 416 Harrison, San Francisco, Cal.
Carbondale Machine Co., Carbondale, Pa.
Card C. S. Iron Works Co., Denver, Col.
Cement Tile Machinery Co. ("S. & S," Revolving for Sand & Gravel), Waterloo, Ia.
Central Wire & Iron Works (Wire Sand Screens), Des Moines, Ia.
Chalmers-Williams Mfg. Co. (Sand & Gravel), 1461 Arnold, Chicago Heights, Ill.
Chattanooga Boiler & Tank Co., Chattanooga, Tenn.
Clinton Wire Cloth Co., Clinton, Mass.
Converse F. S. Co. (Rotary), Johnson City, N. Y.
Cross Engineering Co., Carbondale, Pa.
Darby Edward & Sons Co., 239 Arch, Phila., Pa.
Dillon-Box Iron Works Co., Denver, Colo.
Dull Raymond W. Co., 111 W Washington, Chicago, Ill.
Eagle Iron Works (Coal Only), Des Moines, Ia.
Erdle Perforating Co., 181 York, Rochester, N. Y. *See adv index at end of book*
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Harrington & King Perforating Co., 614 N Union av, Chicago, Ill.
Helmick Fdry & Mach. Co., Fairmount, W. Va.
Hesse-Martin Iron Works, 434 Belmont, Portland, Ore.
Howard & Morse, **46 Fulton, New York**
Inglis Wm. Wire & Iron Wks., 61 Woodbridge, Detroit, Mich.
JEFFREY MFG. CO. ("Standard"), 961 N Fourth, Columbus, O.
See adv index at end of book
Jelliff C. O. Mfg. Corp'n, South Port, Conn.
Lansing Co., Lansing, Mich.
Koller E. L. (Coal Only), 276 Sussex av, Newark, N. J.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Littleford Bros., 444 E Pearl, Cincinnati, O.
Lucas A. & Sons (Coal Only), 1329 S Washington, Peoria, Ill.
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
MICHIGAN WIRE CLOTH CO., 500 Howard, Detroit, Mich.
See adv index at end of book
Morss & Whyte Co., Sidney & Pilgrim, Cambridge, Mass.
Mundt Chas. & Sons, 53 Fairmount av, Jersey City, N. J.
Newark Wire Cloth Co., 220 Verona av, Newark, N. J. *See adv index at end of book*
New Jersey Wire Cloth Co., Trenton, N. J.
Northwestern Steel & Iron Wks., Eau Claire, Wis.
Peerless Wire Goods Co., Lafayette, Ind.
Phillips, Doup & Co., 60 Pearl, Brooklyn, N. Y.
Plocher Andrew Sons Co., Dayton, O.
Roberts & Schaefer Co. ("Kelly" Horizontal Coal), 332 S Michigan av, Chicago, Ill.
Sackett H. B. Screen & Chute Co., 1691 Elston av, Chicago, Ill.
Savage W. J. Co., Knoxville, Tenn.
Seibel-Suessdorf Copper & Iron Mfg. Co., 2d & Lombard, St. Louis, Mo.
Seitzinger J. G., Wilkes-Barre, Pa.
Smith Engineering Works, 1155 32d, Milwaukee, Wis.
Smith F. P. Wire & Iron Wks., 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Smith John P. & Co., New Haven, Conn.
Southwest Wire & Iron Works Co., Kansas City, Mo.
Steel Basket Co., Cedar Rapids, Ia.
Success Mfg. Co., Gloucester, Mass.
Syracuse Wire Works, 101 University av, Syracuse, N. Y.
Taylor & Dean, Penn av & 25th, Pittsburgh, Pa.
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
Union Steel Products Co. (Ltd.), ("Union" Sand & Gravel), Albion, Mich.
Universal Crusher Co., Cedar Rapids, Ia.
Vulcan Iron Works, Wilkes-Barre, Pa.
Waterloo Cement Machy. Corp., Waterloo, Iowa
Webster Mfg. Co., Tiffin, O
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.
What Cheer Wire Works, 157 Dorrance, Providence, R. I.
Wisconsin Iron & Wire Wks., Milwaukee, Wis.
WRIGHT WIRE CO. ("Excelsior"), Worcester, Mass. *See adv index at end of book*

13157— Screens (Sewage)

Merritt Hydraulic Co. ("Weand" & "Merritt-Miller," Rotary, "Priestman" Stationary), 110 N Broad, Phila., Pa.

13158—Screens (Steam Pipe Covering)

Tuttle & Bailey Mfg. Co., 52 Vanderbilt av, New York

Screens (Stone)

See Screens, Revolving & Shaking

13159— Screens (Suction)

Sandy Hill Iron & Brass Works ("Packers" Diaphragm for Paper Mills), Hudson Falls, N. Y.

13160-1—Screens (Traveling Belt)

Galigher Machinery Co. ("Callow"), Salt Lake City, Utah

13162— *Screens (Vibrating)

JEFFREY MFG. CO. ("Jeffrey"), **961 N** Fourth, Columbus, O.
See adv index at end of book
STURTEVANT MILL CO., Clayton & Park, Dorchester, Boston, Mass.

13163— Screens (Well)

Carbo Corp., 538 S Clark, Chicago, Ill.
Johnson E. E. ("Johnson"), St. Paul, Minn
Layne & Bowler Co. (For irrigation Wells), Houston, Tex.
Layne & Bowler Corp., Los Angeles, Cal.
Stancliff Well Screen & Mfg. Co., Houston, Tex.

13164— Screens (Window, Metal Frame)

American Screen Co., Brookline, Mass.
Baker W. J. Co., Newport, Ky.
Bartlett W. W., Leominster, Mass.
Cincinnati Mfg. Co. ("Cin-Man-Co."), Cincinnati, O. *See adv index at end of book*
Columbus Iron Works (Wholesale Mfrs.), Columbus, Ga.
Continental Co. ("Continental," "Philadelphia," "Porter," "Washash," "Queen Anne," "Phillips," "Sherwood"), Penobscot bldg, Detroit, Mich.
Geneva Mfg. Co. ("Steinfeld"), Geneva, Ill.
Higgin Mfg. Co., Newport, Ky.
Jamestown Window Screen Co., Jamestown, N. Y.
Metallic Screen Co. (Adjustable), Collins, Wis.
Milliken-Kellam Co., Newton, N. J.
Nedrow Mfg. Co., Caledonia, N. Y.
Rollaway Screen Co., ("Roll-a-way" Metal), Burlington, Vt.
Sherwood Metal Working Co., Syracuse, N. Y.
Sidney Specialty & Novelty Co., Sidney, N. Y.
Snow Franklin A. Co., 79 Milk, Boston, Mass.
Watson Mfg. Co. (Bronze & Steel), Jamestown, N. Y.

13165—Screens (Window & Door)

Wholesale Manfacturers are so Indicated Between their Name & Address

Adams & Kelly Co., Omaha, Neb.
Agee Screen Co., Ft. Worth, Tex.
American Sash & Door Co. (Wholesale Mfrs.), Kansas City, Mo.
American Screen Co. (Wholesale Mfrs.), Brookline, Mass.
American Screen Mfg. Co., Kansas City, Mo.
Barfly Screen Co. ("Barfly," Rolling), Portland, Me.
Bostwick-Goodell ("Victoria"), Norwalk, Ohio
Burlington Venetian Blind Co., Burlington, Vt.
Burrowes E. T. Co. (Wood & All-Metal Screens, Insect), Portland, Me.
Carr, Ryder & Adams Co., Dubuque, Ia.
Carr & Baal Co., Des Moines, Ia
Carter Mfg. Co., Keokuk, Ia.
Cincinnati Fly Screen Co., Cincinnati, O.
Cincinnati Mfg. Co. (Metal to Order Only), Cincinnati, O.
See adv index at end of book
Continental Co. (Metal & Wood, Wholesale Mfrs.), Penobscot bldg, Detroit, Mich.
Curtis & Yale Co. (Wholesale Mfrs.), Wausau, Wis.
Dallas Screen Co., Dallas, Tex.
Disappearing Roller Screen Co., 2544 W Pico, Los Angeles, Cal.
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Fish A. E. & Co., Keene, N. H.
Fishburn W. H. Mfg. Co., Denver, Col.
Freeman Chas. A. Mfg. Co. (Sliding), 201 Devonshire, Boston, Mass.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Gordon, Vantine Co., Davenport, Ia.
Grand Rapids Lumber Co., Grand Rapids, Mich.
Grand Rapids Screen Co., Grand Rapids, Mich.
Higgin Mfg. Co., Newport, Ky.
Hillsdale Screen Co., Hillsdale, Mich.
Hipolito Screen & Sash Co., Los Angeles, Cal.
Huebner Screen Door Co., Detroit, Mich.
Jamestown Window Screen Co. (To Order Only, All Metal & Wood), Jamestown, N. Y.
Kane Blind & Screen Co. (Rustless), Kane, Pa.
Koehl J. W. & Son, 658 S Anderson, Los Angeles, Cal.
Lookout Planing Mills, Chattanooga, Tenn.
McClelland T. W. Co. (Wholesale Mfrs.), Davenport, Ia.
McGravey Ulrick A., Phelan bldg, San Francisco, Cal.
Maine Screen Co. ("Peerless," Adjustable), Fairfield, Me.
Menke-Grimm Planing Mill Co., Quincy, Ill.
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
MICHIGAN WIRE CLOTH CO., 500 Howard, Detroit, Mich.
See adv index at end of book
Milliken-Kellam Co., Newton, N. J.
Monarch Screen & Mfg. Co., E 39th, Los Angeles, Cal.
Morgan Co., Oshkosh, Wis.
National Screen & Mfg. Co., 1456 Harrison av, Cincinnati, O.
Nedrow Mfg. Co., Caledonia, N. Y.
Newark Weather Strip & Screen Co., 7 Nevada, Newark, N. J.
Owosso Mfg. Co., Benton, Ark.
Owosso Mfg. Co. (Adjustable Frames) (Wholesale Mfrs.), Owosso, Mich.
Parlee H. C. & Co. ("Fliscreen" Wood Frame), 25 Haverhill, Boston, Mass.
Parr Lumber Co., St. Johns, Mich.

Penna. Woven Wire Co., Lock Haven, Pa.
Phenix Mfg. Co. ("Phenix" also Swinging Half, Sliding, etc), Milwaukee, Wis.
Philadelphia Screen Mfg. Co. (Wholesale Mfrs.), 56th bel. Woodland, Phila, Pa.
Porter Screen Co. (Wholesale Mfrs.), Burlington, Vt.
Protective Ventilator & Screen Corp., 332 E 23d, New York
Riggs Cypress Co. (Ltd.) (Wholesale Mfrs.), Patterson, La.
Robbins Mfg. Co., 1815 N Central Park av, Chicago, Ill.
Roebuck Weather Strip & Wire Screen Co., 3518 Av H, Brooklyn, N. Y.
Rollaway Screen Co. ("Roll-a-way"), Burlington, Vt.
Safety Ladder Mfg. Co., Seattle, Wash.
Sanders Bros. Mfg. Co., Ottawa, Ill.
McPhee & McGinnity Co., Denver, Colo.
Schumacher F. E. Co., Hartville, O.
Snow Franklin A. Co., 79 Milk, Boston, Mass.
Solmson M. Fly Screen Co. (Rustless), Bayard & Nanticoke, Baltimore, Md.
Springfield Wire Screen Co., Springfield, Ill.
Standard Screen Co. (Wood Frame), 1858 Hastings, Chicago, Ill.
Union Screen Co. ("Challenge" Sliding Window), 306 Carpenter, Providence, R. I.
Universal Screen Co., 2700 Long Beach av, Los Angeles, Cal.
Wabash Screen Door Co., 72 W Adams, Chicago, Ill.
Watson Mfg. Co. (Metal & Wood to Order Only), Jamestown, N. Y.
Huttig Mill Wks. Co. (Wholesale Mfrs.), Kansas City, Mo.
Western Screen Co., 1489 E 4th, Los Angeles, Cal.
Wheeler Screen Co., Geneva, Ill.
Wilbur Corp'n, New Haven, Conn.
Willer Mfg. Co. (To Order Only), Milwaukee, Wis.
Williams & Hunting Co. (Wholesale), Cedar Rapids, Ia.

13165a—Screens (Wire, Rustless)

Beere George W., 294 Taaffe pl, B'klyn, N. Y.
Nedrow Mfg. Co., Caledonia, N. Y.
Tyler W. S. Co., Cleveland, O.
See adv index at end of book

13166— Screw Driver Mfrs.

Adbro Mfg. Co., 700 Phipps Power bldg, Pittsburgh, Pa.
Arcade Mfg. Co. ("Serpentine," "Arcade" & "Combination"), Freeport, Ill.
Atwater Mfg. Co. ("All Steel"), Southington, Conn.
Bagshaw & Field (Stubbs, Packet, Electric, Round Blade, Flat Blade, etc), 445 N 5th, Phila., Pa.
Benjamin-Sellar Mfg. Co. ("Benjamin" Friction Drive), 559 W. Quincy, Chicago, Ill.
Billings & Spencer Co. ("B. & S." Magazine Screw Driver, etc), Hartford, Conn.
Braunsdorf-Mueller Co. ("Never Twist," "New Century," & "Improved Locksmith"), Elizabeth, N. J.
Bridgeport Hardware Mfg. Corp. ("Matchless Lines," "Challence Lines," "Lead Alls," "Warkick," "Little Wonder," "Trusty," "Hercules," "Bedford").
Brown R. H. & Co. ("Clark's"), New Haven, Conn.
Browne & Dowd Mfg. Co. ("I. L."), Meriden, Conn.
Buell Bros. ("Buell"), Clinton, Conn.
Buffalo Specialty Co. (Leather Handle), 375 Ellicott, Buffalo, N. Y.
Buffum Tool Co. ("Swastika," Engineers' & Assemblers' "T" & Offset, etc. All Steel Drop Forged), South Side, Louisiana, Mo.
Bullock Mfg. Associates (Spiral Reversible), Springfield, Mass.
Burgess & Norton Mfg. Co. ("Bur-Nor" Folding), Geneva, Ill.
Cassady Fairbank Mfg. Co. ("Cassady," "Premier," "Fairbank," "Columbia," "Rough & Ready," "Elliott," "C. & F.," "Handy," "Kit"), 6126 S La Salle, Chicago, Ill.
Cincinnati Tool Co. ("Hargraves"), Norwood, Cincinnati, O.
See adv index at end of book
Clement Mfg. Co. ("Vulcan" Hollow Handle), Northampton, Mass.
Crescent Co., Inc., Meriden, Conn.
Crescent Tool Co. ("Hamr-Handl"), 200 Harrison, Jamestown, N. Y.
Cronk & Carrier Mfg. Co. ("Star," "Cronk's," "Elmira"), 150 Lake, Elmira, N. Y. *See adv index at end of book*
Decatur Coffin Co. ("Eureka" Spiral), Decatur, Ill.
Dicke Tool Co. (For Electrical & Machinery Works), Downers Grove, Ill.
Dikeman Mfg. Co. ("Emergency" Pocket Telescope Handle), Norwalk, Conn.
Disston Hy. & Sons, Tacony, Phila., Pa.
Edelmann E. & Co. ("4-in-1"), 341 E Ohio, Chicago, Ill.
French H. P. Co., Inc., 320 B'way, New York *See adv index at end of book*
Gay Geo. E. ("Gay" & "Union" Double Acting Ratchet), Augusta, Me.
Goodell-Pratt Co. (Spiral, Ratchet, Automatic, Bench Automatic, Gunsmiths' Pocket Set, etc), Greenfield, Mass.
Harding Mfg. Co. ("Blue Line," "Gray Line"), Mansfield, Mass.
Herbrand Co., Fremont, O.
Hugo Mfg. Co., Duluth, Minn.
Irving Mfg. & Tool Co. (J. F. McCoy Co., Props.), 157 Chambers, New York
Ives W. A. Mfg. Co. ("Pioneer," "Paradox," "Standard"), Wallingford, Conn.
Jennings C. E. & Co. ("C. E. J. & Co.'s," "King," "Hinsdale"), 71 Murray, New York
Johnson Wm. (Hedenberg Works) (In great Variety), Newark, N. J.
Kendrick-Davis Co. ("K.-D.," Small), Lebanon, N. H.
Knickerbocker Mfg. Co., Belleville, N. J.
Lewald F. & Co. ("Grasp-It"), 500 S Wells, Chicago, Ill.
Marble Arms & Mfg. Co. ("Marble's," Pocket, for Hunters, etc), Gladstone, Mich.
Mayhew H. H. Co. (Machinists), Shelburne Falls, Mass.
M. B. Tool Co. ("Insulectric"), Danielson, Conn.
Mechanical Specialties Co. (Off-Set), 122 S Michigan av, Chicago, Ill.
Miller's Falls Co. (Ratchet, Duplex & Automatic, In & Out), 28 Warren, New York
Morgan Spring Co. ("Eclipse"), Worcester, Mass. *See adv index at end of book*
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
North Bros. Mfg. Co. ("Yankee" Ratchet, Spiral, Plain & Pocket Magazine, etc), Lehigh av c American, Phila., Pa.
Ohio Tool Co. ("Ohio"), Charleston, W. Va.
Osborne C. S. & Co., Harrison, N. J.
PECK, STOW & WILCOX CO. ("Pexto"), Southington, Conn.
See adv index at end of book
Philadelphia Novelty Mfg. Co. (Dissappearing Blade), 13th & Noble, Phila., Pa.
Rehm Hardware Co. (Pocket), 1501 Blue Island av, Chicago, Ill.
Reid A. H. Creamery & Dairy Supply Co. ("Reid" Automatic), 69th & Haverford, Phila., Pa.
Rubber Insulated Metals Corp. (Insulated), Plainfield, N. J.
Sargent & Co., New Haven, Conn.
Sawyer Tool Mfg. Co. ("Samson"), Ashburnham, Mass.
Smith H. D. & Co. ("Perfect Handle," Drop Forged), Plantsville, Conn.
Smith & Egge Mfg. Co., Bridgeport, Conn.
SMITH & HEMENWAY CO., INC. ("Red Devil"), 261 B'way, New York; 130 Coit, Irvington, N. J.
See adv index at end of book
Snell Mfg. Co., Fiskdale, Mass.
Southington Mfg. Co., Southington, Conn.
Stanley Rule & Level Co. ("Defiance," "Leader," "Hurwood"), New Britain, Conn.
STARRETT L. S. CO. (THE) (Pocket, Jewelers, etc), Athol, Mass.
See adv index at end of book
Stortz Jno. & Son, 210 Vine, Phila., Pa.
Swan Jas. Co., Seymour, Conn.
S. & I. Co. ("S. & I. Never Break," Solid End, Machinists, etc), Springfield, Mass.
Syracuse Twist Drill Co. ("Syracuse" Knurl Tool Makers), Borden av, Syracuse, N. Y.
Thayer Mfg. Co., Williamsburg, Mass.
Thomson Drop Forge Co., Plantsville, Conn.
TORRINGTON CO., THE (EXCELSIOR PLANT). Successors to Excelsior Needle Co., All Metal, Torrington, Conn. *See adv index at end of book*
Tuck Mfg. Co., Brockton, Mass.
Turner & Deegan ("Rosedale," "Edgewood," "Handy," "Bristol," Carpenter & Cabinet Makers, etc), Bristol, Conn.
Union Hardware Co. ("Tower's," "Champion," "Samson," "Valley"), Torrington, Conn.
Vanderbeck A. (Combination), Hartford, Conn.
Vlchek Tool Co. ("Vlchek," "Rubberoid" Handle & All Steel, Offset, Electricians', Hammer Head, etc), 10711 Quincy av, Cleveland, O.
Washington Cutlery Co., Watertown, Wis.
White Ira F. & Son Co., Bloomfield, N. J.

13167—Screw Driver & Corkscrew Combined

Browne & Dowd Mfg. Co., Meriden, Conn.

13168—*Screw Driver & Holder

STARRETT L. S. CO., THE (Opticians'), Athol, Mass. *See adv index at end of book*

13169—Screw Drivers (Automatic)

Goodell-Pratt Co. (Also Ratchet Automatic Bench), Greenfield, Mass.
Millers Falls Co., 28 Warren, New York
Reid A. H. Creamery & Dairy Supply Co. ("Reid"), 69th & Haverford, Phila., Pa.
Swan James Co., Seymour, Conn.

Screw Drivers (Electricians')

See Screw Drivers, Insulated Handle & Ratchet

13170— Screw Drivers (Flexible Shaft)

Neil & Smith Electric Tool Co. ("Ideal," Variable Speed), 120 E 6th, Cincinnati, O.
Stow Mfg. Co., Binghamton, N. Y.

13171—Screw Drivers (Folding)

Burgess & Norton Mfg. Co. ("Bur-Nor"), Geneva, Ill.
Crescent Tool Co., 200 Harrison, Jamestown, N. Y.

13172—Screw Drivers (Insulated Handle & Ratchet)

Benjamin-Sellar Mfg. Co. ("Benjamin," Insulated Friction Drive), 559 W Quincy, Chicago, Ill.
Buffalo Specialty Co. (Leather), 375 Ellicott, Buffalo, N. Y.
Chapin-Stephens Co., Pine Meadow, Conn.
Cincinnati Tool Co. ("Hargraves" Pistol Grip Ratchet), Cincinnati, O.
See adv index at end of book
Disston Hy. & Sons, Tacony, Phila., Pa.
Goodell-Pratt Co., Greenfield, Mass.
Hyfield Mfg. Co., 21 Walker, New York
M. B. Tool Co., Danielson, Conn.
Mayhew H. H. Co., Shelburne Falls, Mass.
North Bros. Mfg. Co., Phila., Pa.
Smith H. D. & Co., Plantsville, Conn.
Stanley Rule & Level Co., New Britain, Conn.
STARRETT L. S. CO., THE ("Starrett," Pocket with Hard Rubber Handle), Athol, Mass. *See adv index at end of book*
Syracuse Twist Drill Co., Syracuse, N. Y.
Swan James Co., Seymour, Conn.
S. & I. Co., Springfield, Mass.
Union Hdw. Co., Tarrington, Conn.

13173—Screw Drivers (Jewelers')

Kendrick-Davis Co. ("K.-D."), Lebanon, N. H.
STARRETT L. S. CO., THE, Athol, Mass.
See adv index at end of book
Worthington & Raymond (Jobbers), 71 Murray, New York

13174— Screw Drivers (Motor Driven)

Neil & Smith Electric Tool Co. ("Ideal," Variable Speed), 120 E 6th, Cincinnati, O.
United States Electric Tool Co., Cincinnati, O.

13175—Screw Drivers (Railroad Spike)

Washburn Shops, Worcester, Mass.

13176— Screw Eyes

Auer John Jr., 197 Middleton, Bklyn., N. Y.
Bethlehem Steel Co., S Bethlehem, Pa.
Brewer Bros. Co. (Wrought), 614 Filbert, Phila., Pa.
Brooks M. S. & Sons (Brass & Iron Wire), Chester, Conn.
Corbin Cabinet Lock Co., New Britain, Conn.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Hindley Mfg. Co. (Brass & Bright Wire), Valley Falls, R. I.
Hoopes & Townsend Co., Broad & Buttonwood, Philadelphia, Pa.
Jencks E. Mfg. Co. (Bright & Brass Wire), Worcester, Mass.
Kansas City Bolt & Nut Co. (1¼ in. dia. to 1¾), Kansas City, Mo.
Landers, Frary & Clark, New Britain, Conn.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Parker Wire Goods Co. (Bright Wire & Brasses), Worcester, Mass.
Sargent & Co., New Haven, Conn.
Wilcox, Crittenden & Co., Middletown, Conn.
Wire Goods Co. (Bright Wire & Brass Wire), Worcester, Mass.
Wire Hardware Co., 6126 S La Salle, Chicago, Ill.

13176a—Screw Machine Parts

Central Machine Works, 12th & Tyler, St. Louis, Mo. *See adv index at end of book*

13177—Screw Machine Products

Ansonia Mfg. Co., Ansonia, Conn.
Armstrong F. A. W. & Co., 358 Atlantic av, Boston, Mass.
Ashley Machine Works, Rochester, N. Y.
Atlantic Machine Screw Co., 48 Binford, Boston, Mass.
Atlantic Mfg. Co., Bridgeport, Conn.
Atlas Bolt & Screw Co. (Automatic), 1000 Ivanhoe rd, Cleveland, O.
Automatic Products Co., 22-24 Du Bois, Detroit, Mich.
Automatic Screw Mach. Prods. Co., 416 W Grand av, Chicago, Ill.
Automobile Screw Products Co., Cleveland, Ohio
Babson, Dow Mfg. Co., 60 Fulda, Boston, Mass.
Bard Mfg. Co., Waltham, Mass.
BARNES, THE WALLACE CO. ("Barnes-Made," Special), 18 Wallace, Bristol, Conn. *See adv index at end of book*
Beach Mfg. Co., Little bldg, Boston, Mass.
Belvidere Screw & Machine Co., Belvidere, Ill.
Bertelsman Glenn Co., 1119 Hamilton av, Indianapolis, Ind.
Bilton Machine Tool Co. (The), Bridgeport, Conn.
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Boston Machine Screw Co., 17 Tudor, Cambridge, Mass.
Bridgeport Metal Goods Mfg. Co., Bridgeport, Conn.
Brown-McLaren Mfg. Co., 109 Larned E, Detroit, Mich.
Brown Bag Filling Machine Co., Fitchburg, Mass.
Brown Engineering Co., 110 N. 3d, Reading, Pa. *See adv index at end of book*
Burgess & Norton Mfg. Co., Geneva, Ill.
Burns & Bassick Co., Div. of The Bossick Co., Bridgeport, Conn.
Cassady Fairbank Mfg. Co. (Contract Work a Specialty), 6126 S La Salle, Chicago, Ill.
Chadbourne-Walker Machine Screw Co. 100 Sudbury, Boston, Mass.
Chicago Nut Co., 2513 W 20th, Chicago, Ill.
Chicago Screw Co., 13 N Jefferson, Chicago, Ill.
Cincinnati Ball Crank Co., North Oakley, Cincinnati, O.
Cincinnati Screw Co., Mercantile Liberty bldg, Cincinnati, O.
Clark-Cadle-Harmon Corp., Rochester, N. Y.
Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, O.
Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.
Cleverly Electrical Wks., 17 N 7th, Phila., Pa.
Colson Co., Elyria, O.
Columbus Auto Parts Co., E Russell, Columbus, O.
Columbus Die, Tool & Machine Co. (To Special Order Only), 955 Cleveland av, Columbus, O.
Corbin Screw Corp. (Automatic), New Britain, Conn.
Cornwall & Patterson Co., Bridgeport, Conn.
Crescent Engineering Co., Inc., Phila., Pa.
Crescent Tool Co., 200 Harrison, Jamestown, N. Y.
Curtis Screw Works, Buffalo, N. Y.
Dallett H. Thomas Co., Phila., Pa.
Dann Products Co., 1084 E 152nd, Cleveland, O.
Davis & Hemphill, Elkridge, Md.
Day W. J. Forestville, Conn.
Dayton Metal Products Co., Dayton, O.
Dayton Screw Co., Dayton, O.
De Camp & Sloan Mfg. Co., 420 Ogden, Newark, N. J.
Defiance Screw Mach. Products Co., Defiance, O.
Delaware Marine Mfg. Co., B. & O. R. R. & Conrd, Wilmington, Del.
DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book
Diamond Iron Works, 2nd & 18th av N, Minneapolis, Minn.
Dunbar Bros. Co., Bristol, Conn.
Eastern Mach. Screw Corp., New Haven, Conn.
Eastern Parts Mfg. Co., 135 Spring, New York
Eastern Mach. Screw Corp., Truman & Barclay, New Haven, Conn.
Ellison Brass Mfg. Co. (Brass & Bronze), Jamestown, N. Y.
Elyria Machine Co., Elyria, O.
Enterprise Mfg. Co., Akron, Ohio
Ericsson Screw Mach. Products Co., Inc., 609 Bergen, B'klyn, N. Y.
Erie Metal Products Co., Erie, Pa.
Ferry Cap & Set Screw Co., Cleveland, O.
Fisher Special Mfg. Co., 2076 Reading rd, Cincinnati, O.
Forest City Machine & Forge Co., 5101 Lakeside av, N E, Cleveland, O.
Foster Bolt & Nut Mfg. Co., Union av & E 72nd, Cleveland, O.
Fostoria Screw Co., Fostoria, Ohio
Framingham Screw Wks., Framingham, Mass.
Frost Mfg. Co., Kenosha, Wis.
Garfield Machine Wks., Garfield, N. J.
General Mfg. Co., Waterbury, Conn.
Gleason Peters Co., 384 Classon av, B'klyn, N. Y.
Globe Mfg. Co., Perry, Ia.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Greenhalgh Geo. H., 228 Jelliff av, Newark, N. J.
Greer Fredric, 525 W Vanburen, Chicago, Ill.
Handel Louis Co., 138 Centre, New York
Hanson Bros., Plainville, Conn.
Hartford Machine Screw Co. (From All Metals), Hartford, Conn.
Hartley Screw Products Co., 65 N. J. R. R. av, Newark, N. J.
Harper F. C. Screw Wks., 19 E 8th, Chicago, Ill.
Hedason Mfg. Co., 28 Whitney av, New Haven, Conn.
Hill Geo. Q. Co., Framingham, Mass.
Homer Commutator Co., 4748 Hough av, N E, Cleveland, O.
Hough Chas. N. Mfg. Co., Franklin, Pa.
Hubbell Harvey, Bridgeport, Conn.
Hyman Henry & Co., 77 Chambers, New York
Ideal Switch & Machinery Co., Plainville, Conn.
Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill. *See adv index at end of book*
International Brass & Electric Co., 76 Beekman, New York
Judd & Leland Mfg. Co., Clifton Springs, N. Y.
KNAPP ARTHUR ENGINEERING CORP., 30 Church, New York
See adv index at end of book
Lederer Bros. Co. (Screw Machine Products) (To Specification), 100 Stewart, Providence, R. I.
Liberty Screw Co., Inc., 33 N Foster, Worcester, Mass.
Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa. *See adv index at end of book*
Litquick Gas Lamp Co., 310 Canalle, Defiance, O.
Loesser E. & Son (Automatic), 48 Spring, Newark, N. J.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McCully R. P. & C. H., 331 Van Buren, Brooklyn, N. Y.
Mattatuck Mfg. Co., Waterbury, Conn.
Meisel Press Mfg. Co., 942 Dorchester av, Boston, Mass.
Michigan Screw Co., Lansing, Mich.
Miles F. S., 205 Quarry, Phila., Pa.
Moore Geo. W., 44 Farnsworth, Boston, Mass.
Mossberg Frank Co., Attleboro, Mass.
Murcott-Duden Co., Inc., 253 B'way, New York
National Acme Mfg. Co., 7500 Stanton av S E, Cleveland, O.
National Brass Mfg. Co., Rochester, N. Y.
National Cycle & Mfg. Co., Bay City, Mich.
National Sewing Machine Co., Belvidere, Ill.
Nelson A. Mfg. Co., 564 W Randolph, Chicago, Ill.
Nelson Tool Co., Inc., 782 E 142nd, New York *See adv index at end of book*

The New Haven Screw Company

Manufacturers of

FOSTER SAFETY HOLLOW SET SCREWS

AUTOMATIC SCREW MACHINE PRODUCTS

SPARK PLUG PARTS TO ORDER

Factory and Office

191 Foster St., New Haven, Conn.

New Haven Screw Co., 191 Foster, New Haven, Conn.
See adv index at end of book
Niagara Brass Mfg. Co., 165 Adams, Buffalo, N. Y.
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Nobs Chas. & Son (Steel, Brass, German Silver, Tobin Bronze, etc), 156 Astor, Newark, N. J.
Ohio Metal Products Co., Dayton, O.
Olson Mfg. Co. (Special Automatic), Worcester, Mass.
Osborne & Stephenson Mfg. Co., Plainville, Conn.
Ottemiller Wm. H., York, Pa.
Otter Mfg. Co., Inc., 243 W 17th, New York
Otto Wm. H. Metal Goods Corp., Jersey City, N. J.
Pawtucket Mfg. Co., Pawtucket, R. I.
Peck & Young Mfg. Co., Forestville, Conn.
Peerless Automatic Machine Co., Cleveland, O.
Peninsular Milled Screw Co., Detroit, Mich.
Perry-Fay Mfg. Co. (Of All Kinds), Elyria, Ohio
Philadelphia Machine Screw Works, 624 Race, Phila., Pa.
Phillips F. C., Stoughton, Mass.
Precision Tool Co., Canton, Mass.
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill.
See adv index at end of book
Racine Metal Stamping Co., Racine, Wis.
Ramsdell Specialty Co., Worcester, Mass.
Reed & Prince Mfg. Co., Worcester, Mass.
Rochester Machine Screw Co., Rochester, N. Y.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Salisbury Ball Bearing Co., 3741 E 93d, Cleveland, O.
Schoenborn & Cowles Mfg. Co., 368 Mt. Elliott, Detroit, Mich.

SCOVILLE MFG. CO., Waterbury, Conn.
See adv index at end of book
Screw Machine Products Co. (Brass or Steel), 1012 Eddy, Providence, R. I.
Screw Machine Specialty Co., 1132 Austin av, Chicago, Ill.
Seiss Mfg. Co., Toledo, O.
Smith F. H. Mfg. Co. (Special to Order), 3047 Carroll av, Chicago, Ill.
Smith Premier Wks. Remington Typewriter Co., Syracuse, N. Y.

SCREW MACHINE PRODUCTS
Brass Bronze Steel
AEROPLANE PARTS
SNOW & BARKLEY
252 BROADWAY NEW YORK

Spafford Mach. Screw Wks., 516 Asylums, Hartford, Conn.
SPENCER'S I. S. SONS (INC.), Guilford, Conn.
S. P. Manufacturing Co., 872 E 72d, Cleveland, O.
Standard Pressed Steel Co., 20th & Clearfield, Phila., Pa.
Standard Screw Products Co. cor Bellevue & Warren, Detroit, Mich.
Steele & Johnson Mfg. Co., Waterbury, Conn.
S. & I. Company, Springfield, Mass.
Thomas Mfg. Co., Dayton, O.
Thomaston Mfg. Co., Thomaston, Conn.
Tock Screw Machine Products Corp., 203 8th, Long Island City, N. Y.
Toledo Screw Products Co., Toledo, O.
United States Automatic Co., Amherst, O.
Wallace Supplies Mfg. Co., 412 Orleans, Chicago, Ill.
Waltham Screw Co., Waltham, Mass.
Waterbury Mfg. Co., Waterbury, Conn.
Watson Mfg. Co., Toledo, O.
Wellman Bronze Co. (Special), 6017 Superior av, Cleveland, O.
Western Automatic Machine Screw Co., Elyria, O.
Western Machine Products Co., cor 73d & St. Clair, Cleveland, O.
Western Screw Products Co., 3200 S 7th, St. Louis, Mo.
White J. H. Mfg., 111 N Third, Brooklyn, N. Y.
Whitnall Co., Plainville, Conn.
Wicaco Screw & Machine Works, 623 Wood, Phila., Pa.
WILMINGTON FIBRE SPECIALTY CO., Wilmington, Del.
See adv index at end of book
Worcester Machine Screw Co., Standard Screw Co. Successors, Worcester, Mass.

Screw Machinery

See Screw Cutting Machines; Screw Polishing Machines; Screw Shaving Machines; Screw Slotting Machines; Screw Thread Rolling Machines

13178— Screw Mfrs.

Under this Heading see Sub-classifications

American Rivet Co., New Haven, Conn.
American Screw Co. (Brass, Bronze & Iron), 21 Stevens, Providence, R. I.
Atlantic Screw Works, Hartford, Conn.
Atlas Bolt & Screw Co., 1000 Ivanhoe rd, Cleveland, O.
Barnes & Kobert Mfg. Co. (Galvanized), Milldale, Conn.
Bayonne Bolt & Nut Co., Bayonne, N. J.
Bigsby Rotary Mfg. Co. (Automobile), Cleveland, Ohio
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book

MACHINE SCREWS
Special Rivets, Pins, Studs
Threaded and Formed
Wires and Other Parts
From Wire and Rod
SCREW MACHINE PRODUCTS
THE BLAKE & JOHNSON CO.
1500 Thomaston Ave.
WATERBURY, CONN.
SINCE 1849

Champion Mfg. Co., 7332 Kimbark av, Chicago, Ill.
Chapin-Stephens Co., Pine Meadow, Conn.
Chicago Nut Co., 2513 W 20th, Chicago, Ill.
Chicago Screw Co., 13 N Jefferson, Chicago, Ill.
CLARK BROS. BOLT CO., Milldale, Conn.
See adv index at end of book
Columbus Bolt Works Co., Columbus, O.
Continental Wood Screw Co., New Bedford, Mass.
Corbin Screw Corporation, New Britain, Conn.
Curtis Screw Works, Buffalo, N. Y.
Dayton Screw Co., Dayton, O.
DETROIT SCREW WORKS, Detroit, Mich.
See adv index at end of book
Eastern Bolt & Nut Co., E Providence, Providence, R. I.
Eastern Machine Screw Corp. (Special to Order), New Haven, Conn.
Equipoise Rivet Co. (Rolded Thread), Waterbury, Conn.
Ferry Cap & Set Screw Co. (Steel), Cleveland, O.
Foster Bolt & Nut Mfg. Co., Winon av & E 72d, Cleveland, O.
Gary Screw & Bolt Co., Gary, Ind.
Harper F. C. Screw Works (Not Wood), 19 E 8th, Chicago, Ill.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., Broad & Buttonwood Phila., Pa.
Hope Wm. H. Co. (Milled, etc), Lowell, Mass.
Hubbell Harvey, Bridgeport, Conn.
Illinois Nail Co., 826 Dix, Chicago, Ill.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Kirk-Latty Mfg. Co., W 85th (bet Detroit & Madison), Cleveland, O.
Lamson & Sessions Co., 2188 Scranton rd, Cleveland, O.
Landers Frary & Clark, New Britain, Conn.
Liberty Screw Co., Inc., 33 N Foster, Worcester, Mass.
Michigan Bolt & Nut Works, Detroit, Mich.
Michigan Screw Co., Lansing, Mich.
Miles Franklin S, 205 Quarry, Phila., Pa.
Milton Mfg. Co., Milton, Pa.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.
National Screw & Tack Co., Cleveland, O.
National Sewing Machine Co., Belvidere, Ill.
New England Screw Co., 44 Farnsworth, Boston, Mass.
New Haven Screw Co. (Special to Order), 191 Foster, New Haven, Conn.
See adv index at end of book
Niagara Screw Co., Buffalo, N. Y.
Ohio Nut & Bolt Co., Berea, O.
Olson Mfg. Co. (Special), Worcester, Mass.
Ottemiller Wm. H. Co., M. & P. R. R. & Pattison, York, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Penn Hardware Co., Reading, Pa.
Perry-Fay Mfg. Co., Elyria, O.
Philadelphia Machine Screw Works, 624 Race, Phila., Pa.
Phillips R. B. Mfg. Co., Worcester, Mass.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Progressive Mfg. Co., Torrington, Conn.
QUADRIGA MFG. & SPECIALTY CO., 213 W. Grand av, Chicago, Ill.
See adv index at end of book
Reading Screw Co., Norristown, Pa.
Reed & Prince Mfg. Co., Worcester, Mass.
Republic Iron & Steel Co., Youngstown, O.
Spafford Mach. Screw Wks., 516 Asylum, Hartford, Conn.
St. Louis Screw Co., Clarence & Bulwer avs, St. Lopis, Mo.
SCOVILL MFG. CO., Waterbury, Conn.
See adv index at end of book
Screw Machine Products Corp., 1012 Eddy, Providence, R. I.
Smith F. H. Mfg. Co. (Special to Order), 3047 Carroll av, Chicago, Ill.
Southington Hardware Co., Southington, Conn.
Steele & Johnson Mfg. Co., Waterbury, Conn.
U. S. Automatic Co., Amherst, O.
Waltham Screw Co., Waltham, Mass.
Waterbury Mfg. Co., Waterbury, Conn.
Western Automatic Mach. Screw Co., Elyria, O.
Wire Goods Co., Worcester, Mass.
Worcester Machine Screw Co., Standard Screw Co., Successors, Worcester, Mass.

13179— Screw Plates

See also Stocks & Dies

AMERICAN TAP & DIE CO ("Adamantine," "Acme" & "Eagle"), Greenfield, Mass. *See adv index at end of book*
Boker H. & Co., Inc., 101 Duane, New York
Borden Co., The, Warren, O.
See adv index at end of book
Brubaker W. L. & Bros., Millersburg, Pa.
Butterfield & Co. ("Derby," "Reece's New"), Derby Line, Vt.
Canedy-Otto Mfg. Co., Chicago Heights, Ill.
Card S. W. Mfg. Co. ("Paragon"), Mansfield, Mass.
Carpenter J. M. Tap & Die Co. ("Carpenter's"), Pawtucket, R. I.
Champion Blower & Forge Co. ("Champion," Electric, etc), Lancaster, Pa.
Conant & Donelson Co. ("Reliable"), Conway, Mass.
GREENFIELD TAP & DIE CORP'N ("Little Giant," "Lightning," "Green River," "O K" & "G. T. D." for Bolt & Pipe with Adjustable Dies), Greenfield, Mass. *See adv index at end of book*
Hart Mfg. Co. ("Duplex"), Cleveland, O.
Jarecki Mfg. Co. ("Jarecki"), Erie, Pa.
Morse Twist Drill & Machine Co. ("No. 1, A. B. C. D. & E."), New Bedford, Mass.
Oster Mfg. Co., Cleveland, O.
Pawtucket Mfg. Co., Pawtucket, R. I.
Polk A. J. & Son ("Common Sense"), Millersburg, Pa.
Russell Mfg. Co. ("Russell"), Greenfield, Mass.
Superior Tap Co., Charlestown, N. H.
Toledo Pipe Threading Machine Co., 1440 Summit, Toledo, O.
Walworth Mfg. Co., Boston, Mass.
Winter Bros. Co., Wrentham, Mass.

13180—*Screw Plates (Automobile)

GREENFIELD TAP & DIE CORP'N ("Green River," "Lightning" & "Little Giant," "O K," "G. T. D." Standard Threads), Greenfield, Mass.
See adv index at end of book

13180a—*Screw Plates (Metric)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
GREENFIELD TAP & DIE CORP'N ("G. T. D."), Greenfield, Mass.
See adv index at end of book

13180b—*Screw Sleeves (Expansion)

STANNARD MFG. CO. ("Little Giant"), 371 Allen, Springfield, Mass.
See adv index at end of book

13180c— *Screw (Steel)

Latshaw Steel & Metal Products Corp., 220 B'way, New York
See adv index at end of book

13181— Screw Tops (Bottle)

Wheeling Stamping Co., Wheeling, W. Va.

13182—Screws (Ball Cock Connection)

Chicago Nut Co., 2513 W 20th, Chicago, Ill.

13183— Screws (Bed)

Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, O.
Corbin Screw Corp., New Britain, Conn.
Lanson & Sessions Co., Cleveland, O.
Shelton Tack Co., Shelton, Conn.
Upson Nut Co., Cleveland, O.

13184— Screws (Bench)

Ohio Tool Co. (Iron & Wood), Charleston, W. Va.
Reading Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn.

13185— Screws (Bibb)

Hays Mfg. Co., Erie, Pa.
Scovil Mfg. Co., Waterbury, Conn.
See adv index at end of book
Steele & Johnson Mfg. Co., Waterbury, Conn.
Worcester Machine Screw Co., Standard Screw Co., Successors, Worcester, Mass.

13186— Screws (Bicycle)

Atlas Bolt & Screw Co., 1000 Ivanhoe rd, Cleveland, O.
Chicago Screw Co. (Iron or Brass), 13 N Jefferson, Chicago, Ill.
Curtis Screw Works, Buffalo, N. Y.
Hartford Machine Screw Co., Hartford, Conn.
National-Acme Mfg. Co., 7500 Stanton av S E, Cleveland, O.
National Screw & Tack Co., Cleveland, O.
Western Automatic Machine Screw Co., Elyria, O.
Worcester Machine Screw Co., Standard Screw Co., Successors, Worcester, Mass.

13187—Screws (Brass & Bronze)

American Pin Co. ("Ampinco" Brass Only), Waterbury, Conn.
American Screw Co., 21 Stevens, Providence, R. I.
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Bridgeport Brass Co. (To Order Only), Bridgeport, Conn.
Columbus Brass Co., 538 Dublin av, Columbus, O. *See adv index at end of book*
Continental Electric Co., 1883 Park av, New York
Curtis Screw Works, Buffalo, N. Y.
DETROIT SCREW WORKS, Detroit, Mich. *See adv index at end of book*
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Harper F. C. Screw Works (Brass Only), 19 E 8th, Chicago, Ill.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hassall Jno. (Inc.) (Plated), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
HINDLEY GEAR CO., 1105 Frankford av, Phila., Pa. *See adv index at end of book*
Hubbell Harvey, Bridgeport, Conn.
Hungerford U. T. Brass & Copper Co. (All Kinds), 80 Lafayette, New York
Michigan Screw Co., Lansing, Mich.
Mutual Electric & Machine Co., 232 Fort W., Detroit, Mich.
National-Acme Mfg. Co. (Brass Only), 7500 Stanton av S E, Cleveland, O.
National Screw & Tack Co. (Brass Only), Cleveland, O.
Phila. Machine Screw Works, 624 Race, Phila., Pa.
Reed & Prince Mfg. Co., Worcester, Mass.
St. Louis Screw Co. (Brass & Bronze), Clarence & Bulwer avs, St. Louis, Mo.
SCOVILL MFG. CO. (Brass Only), Waterbury, Conn. *See adv index at end of book*
Spafford Machine Screw Wks., 516 Asylum, Hartford, Conn.
Steele & Johnson Mfg. Co., Waterbury, Conn.
TRUMPBOUR-WHITEHEAD BRASS & COPPER CO., 309-311 Canal, New York, & 43 No 7th, Philadelphia, Pa.
See adv index at end of book
Waltham Screw Co., Waltham, Mass.
Waterbury Mfg. Co. (Brass Only), Waterbury, Conn.
Welch T. F. Co., 55 Sudbury, Boston, Mass.
Whitehead Metal Products Co., 67-73 Washington North, Boston, Mass.
See adv index at end of book
Worcester Machine Screw Co., Standard Screw Co., Successor, Worcester, Mass.

13188—Screws (Brass Machine)

American Screw Co., 21 Stevens, Providence, R. I.
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Chicago Nut Co., 2513 W 20th, Chicago, Ill.
Chicago Screw Co., 13 N Jefferson, Chicago, Ill.
Corbin Screw Corporation, New Britain, Conn.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Harper F. C. Screw Wks., 19 E 8th, Chicago, Ill.
Hassall Jno. (Inc.), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Hill Geo. Q. Co., Framingham, Mass.
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York
Michigan Screw Co., Lansing, Mich.
Miles Franklin S., 205 Quarry, Phila., Pa.
National-Acme Mfg. Co., 7500 Stanton av S E, Cleveland, O.
National Screw & Tack Co., Cleveland, O.
Philadelphia Machine Screw Works, 624 Race, Phila., Pa.
Progressive Mfg. Co., Torrington, Conn.
Reading Screw Co., Norristown, Pa.
Reed & Prince Mfg. Co., Worcester, Mass.
Reynolds James Mfg. Co., New Haven, Conn.
Scovil Mfg. Co. (& Cap), Waterbury, Conn.
See adv index at end of book
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Spafford Machine Screw Wks., 516 Asylum, Hartford, Conn.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Waltham Screw Co., Waltham, Mass.
Western Automatic Machine Screw Co., Elyria, Ohio
Wicaco Screw & Machine Works, 623 Wood, Philadelphia, Pa.
Worcester Machine Screw Co., Standard Screw Co., Successor, Worcester, Mass.

13189—*Screws (Brass & Iron Machine)

DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book
Harper F. C. Screw Wks., 19 E 8th, Chicago, Ill.

13190—Screws (Building Movers')

Erie Forge Co., Erie, Pa.
HINDLEY GEAR CO., 1105 Frankford av, Phila., Pa. *See adv index at end of book*
New London Vise Works, New London, Conn.

13191— Screws (Can)

AMERICAN CAN CO., 120 Broadway, New York. *See adv index at end of book*
Consolidated Fruit Jar Co. ("Chace," etc), New Brunswick, N. J.
Delphos Mfg. Co., 1st & Pierce, Delphos, O.
Franklinville Canning Co., Franklinville, N. Y.
Hero Mfg. Co. (Brass & Zinc), Gaul & Adams, Phila., Pa.
Merchant & Evans Co., 2035 Washington av, Phila., Pa.
See adv index at end of book
Vogel Wm. & Bros., 37 S 9th, Brooklyn, N. Y.

13192— Screws (Cap & Set)

ALLEN MFG. CO. ("Allen" Patent Safety Set & Socket Head Cap Screws), 135 Sheldon, Hartford, Conn.
See adv index at end of book

DETROIT SCREW WORKS

MANUFACTURERS OF

SET, CAP and MACHINE SCREWS, TAPER PINS,
COUPLING BOLTS, STUDS, NUTS, Etc.

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AUTOMOBILE, ENGINE AND MACHINERY PARTS,
HARDENED AND GROUND WORK A SPECIALTY.

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DETROIT, MICH.

Atlas Bolt & Screw Co., 1000 Ivanhoe rd, Cleveland, O.
Babson, Dow Mfg. Co., 60 Fulda, Boston, Mass.
Brown Engineering Co., 110 N 3rd, Reading, Pa. *See adv index at end of book*
Chicago Screw Co. (Iron & Steel), 13 N Jefferson, Chicago, Ill.
Cincinnati Screw Co., Mercantile Library bldg, Cincinnati, O.
CLARK BROS. BOLT CO., Milldale, Conn. *See adv index at end of book*
Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, O.
Columbus Bolt Works Co., Columbus, O.
Corbin Screw Corporation (Also Knurled Set, etc), New Britain, Conn.
Curtis Screw Works, Buffalo, N. Y.
DETROIT SCREW WORKS (Also "S. A. E." Caps), 348 Franklin, Detroit, Mich. *See adv index at end of book*
Eastern Bolt & Nut Co., E Providence, Providence, R. I.
Ferry Cap & Set Screw Co. (Steel), Cleveland, O.
Gary Screw & Bolt Co., Gary, Ind.
Hall's Samuel Sons (Milled), 229 W 10th, New York
Hart H. C. Mfg. Co. ("Hart," Hollow Cap Screw), Unionville, Conn.
HARPER F. C. SCREW WKS. (Set Only), 19 E 8th, Chicago, Ill.
Hartford Machine Screw Co., Hartford, Conn.
Haskell Wm. H. Mfg. Co. (Oval, Flat, Counter Sunk, Square, Hexagon, Button & French Head), Pawtucket, R. I.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Hope Wm. H. Co., Lowell, Mass.
Kirk-Latty Mfg. Co., W 85th (bet Detroit & Madison av), Cleveland, O.
Larkin J. K. & Co., 34 Reade, New York *See adv index at end of book*
Lederer Bros. Co. (Screw Machine Products; to Specification), 100 Stewart, Providence, R. I.
Liberty Screw Co., Inc., 33 N Foster, Worcester, Mass.
Michigan Screw Co., Lansing, Mich.
National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.
New Haven Screw Co. (S. A. E. Standard Cap & Nuts), 191 Foster, New Haven, Conn. *See adv index at end of book*
Niagara Screw Co.. Buffalo, N. Y.
Ottemiller Wm. H. Co., York, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Payne's Bolt Works, 133 Howard, San Francisco, Cal.
Peck & Young Mfg. Co., Forestville, Conn.
Peninsular Milled Screw Co., Detroit, Mich.
Penn. Shafting Co., Spring City, Pa.
Perry-Fay Mfg. Co. (Special), Elyria, O.
Phillips R. B. Mfg. Co., Worcester, Mass.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Reed & Prince Mfg. Co., Worcester, Mass.
Reidy Mach. Screw Co., New Haven, Conn.
Rhode Island Tool Co., Providence, R. I.
Rockford Bolt Co.. 60 Mill, Rockford, Ill.,
St. Louis Screw Co., Clarence & Bulwer av, St. Louis, Mo.
SCOVILL MFG. CO. (Brass Cap), Waterbury, Conn. *See adv index at end of book*
Spafford Machine Screw Wks., 516 Asylum, Hartford, Conn.
U. S. Automatic Co. (Cap Only), Amherst, O.
Upson Nut Co. (Set), Cleveland, O.
Waltham Screw Co., Waltham, Mass.
Western Automatic Mach. Screw Co., Elyria, O.
Worcester Machine Screw Co., Standard Screw Co., Successor (Rolled & Cut Thread), Worcester, Mass.

13193— Screws (Capstan)

Moore Geo. W. ("Moore's"), 44 Farnsworth, Boston, Mass.

Screws (Closet)

See Screws, Plumbers'

13194—Screws (Coach & Lag)

See also Screw Manufacturers, Wood

American Bolt Co., Birmingham, Ala.
American Iron & Steel Mfg. Co., Lebanon, Pa.
Armstrong & Parker, Bath & North, Baltimore, Md.
Bassett D. M. Bolt Works, Shelton, Conn.
Bayonne Bolt & Nut Co., Bayonne, N. J.
Berry Bros., Columbus, O.
Bethlehem Steel Co., So Bethlehem, Pa.
Buffalo Bolt Co., N Tonowanda, N. Y.
CLARK BROS. BOLT CO., Milldale, Conn. *See adv index at end of book*
Cleveland Bolt & Mfg. Co., Cleveland, O.
Cleveland Wrought Products Co., W 58th & W. L. E. Belt Line, Cleveland, O.
Columbus Bolt Works Co., Columbus O.
Continental Bolt & Iron Works, 2225 W 43d, Chicago, Ill.
Cook Asa Co., Hartford, Conn.
Corbin Screw Corporation (Gimlet Pointed, etc), New Britain, Conn.
Foster Bolt & Nut Mfg. Co., Union av & E 72d, Cleveland, O.
Gary Screw & Bolt Co., Gary, Ind.
Graham Nut Co., 1317 W Carson, Pittsburgh, Pa.
Greenlie-Halliday Co., 499 Water, New York
Hall's Samuel Sons, 229 W 10th, New York
Haskell Wm. H. Mfg. Co. (Gimlet Pointed), Pawtucket, R. I.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Kansas City Bolt & Nut Co. (Coach), Kansas City, Mo.
Kirk-Latty Mfg. Co., W 85th (bet Detroit & Madison av), Cleveland, O.
Lake Erie Iron Co. (Also Gimlet Pointed Coach), ft of E 63d, Cleveland, O.
Lamson & Sessions Co., 2188 Scranton rd, Sec, Cleveland, O.
Lanz M. & Sons (Cone & Gimlet Pointed Lag) 2907 Carson, Pittsburgh, Pa.
Lebanon Valley Iron & Steel Co., Lebanon, Pa.
Maryland Bolt Co., Continental bldg, Baltimore, Md.
Michigan Bolt & Nut Works, Detroit, Mich.
Milton Mfg. Co., Milton, Pa.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Screw & Tack Co., Cleveland, O.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Oliver Iron & Steel Co. (Gimlet Pointed, etc), S 10th & Muriel, Pittsburgh, Pa.
Pawtucket Mfg. Co. (Gimlet Point), Pawtucket, R. I.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Pottsville Bolt Co., Pottsville, Pa.
Republic Iron & Steel Co. (Gimlet Pointed), Youngstown, O.
Rhode Island Tool Co. (Gimlet Pointed), Providence, R. I.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Roe & Conover (Lag), 206 Frelinghuysen av, Newark, N. J. *See adv index at end of book*
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Scranton Bolt & Nut Co., Scranton, Pa.
Southern California Iron & Steel Co., 4th & Mateo, Los Angeles, Cal.
Upson Nut Co., Cleveland, O.

13195— Screws (Collar)

Atlas Bolt & Screw Co., 1000 Ivanhoe rd, Cleveland, O.
Chicago Screw Co., 13 N Jefferson, Chicago, Ill.
Corbin Screw Corporation, New Britain, Conn.
Curtis Screw Works, Buffalo, N. Y.
DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich. *See adv index at end of book*
Gary Screw & Bolt Co., Gary, Ind.
Hartford Machine Screw Co., Hartford, Conn.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hill Geo. Q. Co., 32 Dorchester av, Boston, Mass.
HINDLEY GEAR CO., 1105 Frankforday, Philadelphia, Pa. *See adv index at end of book*
Michigan Screw Co., Lansing, Mich.
National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.
Niagara Screw Co., Buffalo, N. Y.
Pawtucket Mfg. Co., Pawtucket, R. I.
Philadelphia Machine Screw Works (Also for Electrical Trade), 624 Race, Phila., Pa.
Phillips R. B. Mfg. Co., Worcester, Mass.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Spafford Machine Screw Wks., 516 Asylum, Hartford, Conn.
Waltham Screw Co., Waltham, Mass.
Western Automatic Mach. Screw Co., Elyria, O.
Worcester Machine Screw Co., Standard Screw Co., Successor, Worcester, Mass.

Screws (Dowel)

See Screws, Wood

Screws (Drive)

See Screws, Wood

13196— Screws (Feed)

HINDLEY GEAR CO., 1105 Frankford av, Philadelphia, Pa. *See adv index at end of book*

13197—*Screws for Electrical Trade

See also Screw Machine Products

DETROIT SCREW WORKS (Collar, etc), 348 Franklin, Detroit, Mich. *See adv index at end of book*
Scovill Mfg. Co. (Machine & Cap), Waterbury, Conn. *See adv index at end of book*

13198—Screws (German Silver)

Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn. *See adv index at end of book*
Curtis Screw Works, Buffalo, N. Y.
Hassall Jno. (Inc.), Clay & Oakland, Brooklyn, N. Y. *See adv index at end of book*
National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.
Philadelphia Machine Screw Works, 624 Race, Phila., Pa.
Reed & Prince Mfg. Co., Worcester, Mass.
Waltham Screw Co., Waltham, Mass.
Western Automatic Mach. Screw Co., Elyria, O.
Wicaco Screw & Machine Works, 623 Wood, Philadelphia, Pa.
Worcester Machine Screw Co., Standard Screw Co., Successor, Worcester, Mass.

13199— *Screws (Gib)

See also Screw Machine Products

DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich. *See adv index at end of book*

13200— Screws (Gun)

Hartford Machine Screw Co., Hartford, Conn.
National Acme Mfg. Co., 7500 Stanton av, Cleveland, O.
Screw Machine Products Corp., 1012 Eddy, Providence, R. I.
Spafford Machine Screw Wks., 516 Asylum, Hartford, Conn.
Waltham Screw Co., Waltham, Mass.

13201— Screws (Hand)

Adjustable Clamp Co. ("Jorgensen" Adjustable Steel Spindle), 216 N Jefferson, Chicago, Ill.
Aldrich Wm. K., Lowell, Mass.
Chicago Screw Co. (Improved "Reno" Wrought Iron Screws with Metal Bearing), 13 N Jefferson, Chicago, Ill.
Christiansen C., 2219 Grand, Chicago, Ill.
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*
Handy Mfg. Co., 29 E Madison, Chicago, Ill.
Illinois Iron & Bolt Co. (Wrought Iron), Carpentersville, Ill.
Kantslip Company ("Kantslip" Wood & Steel), Freeport, Mich.
New London Vise Works, New London, Conn.
Ohio Tool Co. (Wood), Charleston, W. Va.
Oliver Machinery Co., Grand Rapids, Mich.
Peck, Stow & Wilcox Co. (Wrought Iron Bench), Southington, Conn.
Rock Island Mfg. Co., Rock Island, Ill.
Sandusky Tool Co. (Wood), Sandusky, O.
Sargent & Co. (Iron & Wood), New Haven, Conn.
Taylor Jas. L. Mfg. Co., Bloomfield, N. J.
Western Automatic Machine Screw Co., Elyria, O.

13202— Screws (Hand Rail)

American Screw Co., 21 Stevens, Providence, R. I.
Corbin Screw Corporation, New Britain, Conn.
Jencks E. Mfg. Co., Worcester, Mass.
Landers, Frary & Clark, New Britain, Conn.
Parker Wire Goods Co., Worcester, Mass.
Sargent & Co., New Haven, Conn.
Wire Goods Co., Worcester, Mass.

Screws (Hand Saw)

See Screws, Saw

13203— Screws (Hanger)

Ankyra Mfg. Co., Wayne Junction, Phila., Pa. *See adv index at end of book*
Atlas Bolt & Screw Co., 1000 Ivanhoe rd, Cleveland, O.
Bayonne Bolt & Nut Co., Bayonne, N. J.
Bethlehem Steel Co., So Bethlehem, Pa.
Clark Bros. Bolt Co., Milldale, Conn. *See adv index at end of book*
Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, O.
Columbus Bolt Works Co., Columbus, O.
Corbin Screw Corporation (Bolts), New Britain, Conn.
Curtis Screw Works, Buffalo, N. Y.
DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich. *See adv index at end of book*
Foster Bolt & Nut Mfg. Co., Union av & E 72d, Cleveland, O.
Gary Screw & Bolt Co., Gary, Ind.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Kirk-Latty Mfg. Co., W 85th (bet Detroit & Madison av), Cleveland, O.
Lamson & Sessions Co., 2188 Scranton rd, Sec, Cleveland, O.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Michigan Bolt & Nut Works, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.
National Screw & Tack Co., Cleveland, O.
New England Bolt Co., Everett, Mass.
Niagara Screw Co., Buffalo, N. Y.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Reed & Prince Mfg. Co., Worcester, Mass.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
St. Louis Screw Co., Clarence & Bulwer av, St. Louis, Mo.
Scranton Bolt & Nut Co., Scranton, Pa.
Shelton Company, Shelton, Conn.
Smith Thos. Co., Worcester, Mass.
Steward & Romaine Mfg. Co., 124 N 6th, Phila., Pa.
Upson Nut Co., Cleveland, O.
Western Automatic Machine Screw Co., Elyria, O.
Worcester Machine Screw Co. (Standard Screw Co. Successor), Worcester, Mass.

13204— Screws (Headless)

Atlas Bolt & Screw Co., 1000 Ivanhoe rd, Cleveland, O.
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn. *See adv index at end of book*
Brooks M. S. & Sons, Chester, Conn.
Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, O.
Corbin Screw Corp., New Britain, Conn.
Detroit Screw Works, 348 Franklin, Detroit, Mich. *See adv index at end of book*
Hanson Bros., Plainville, Conn.
Hartford Machine Screw Co., Hartford, Conn.
National Acme Mfg. Co., 7500 Stanton av, N E, Cleveland, O.
Philadelphia Machine Screw Works, 624 Race, Phila., Pa.
Phillips R. B. Mfg. Co., Worcester, Mass.
Richards Benj & Co., Winsted, Conn.
Rockford Bolt Co., Rockford, Ill.
Screw Machine Products Corp., 1012 Eddy, Providence, R. I.

13205—Screws (Hook & Eye)

Bethlehem Steel Co., So Bethlehem, Pa.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.

Screws (House Raising)

See Screws, Building Movers'

13206— Screws (Jack)

See also Jacks, Screw; also Jacks, Ratchet
American Skein & Foundry Co., Racine, Wis.
Brown Specialty Machinery Co. (Brown), 2440 W 22d, Chicago, Ill.
Crofoot Gear Works, Cambridge, Mass.
Eichleay John Jr. Co. (House Movers', Seamless), 20th & Wharton, Pittsburgh, Pa.
HINDLEY GEAR CO., 1105 Frankford av, Philadelphia, Pa. *See adv index at end of book*
Illinois Iron & Bolt Co. ("I. I. & B. Co."), Carpentersville, Ill.
McLagon Foundry Co., New Haven, Conn.
Marcil & Smith, Springfield, Mass.
Miller's Falls Co., 28 Warren, New York
Sargent & Co., New Haven, Conn.
STARRETT L. S. CO. (THE) ("Little Giant"), Athol, Mass. *See adv index at end of book*
Southern Skein & Foundry Co., Chattanooga, Tenn.
Swett A. L. Iron Works (Ratchet, etc), Medina, N. Y.
West Haven Mfg. Co. ("High Low Jack," Machinists), West Haven, Conn.

13207—Screws (Jack, Cable Reel)

Illinois Iron & Bolt Co. ("I. I. & B. Co."), Carpentersville, Ill.

Screws (Jewelers')

See Screws, Watch & Clock

13207a— Screws (Lag)

See also Screws, Coach & Lag
Larkin J. K. & Co., 34 Reade, New York *See adv index at end of book*

13208— Screws (Lead)

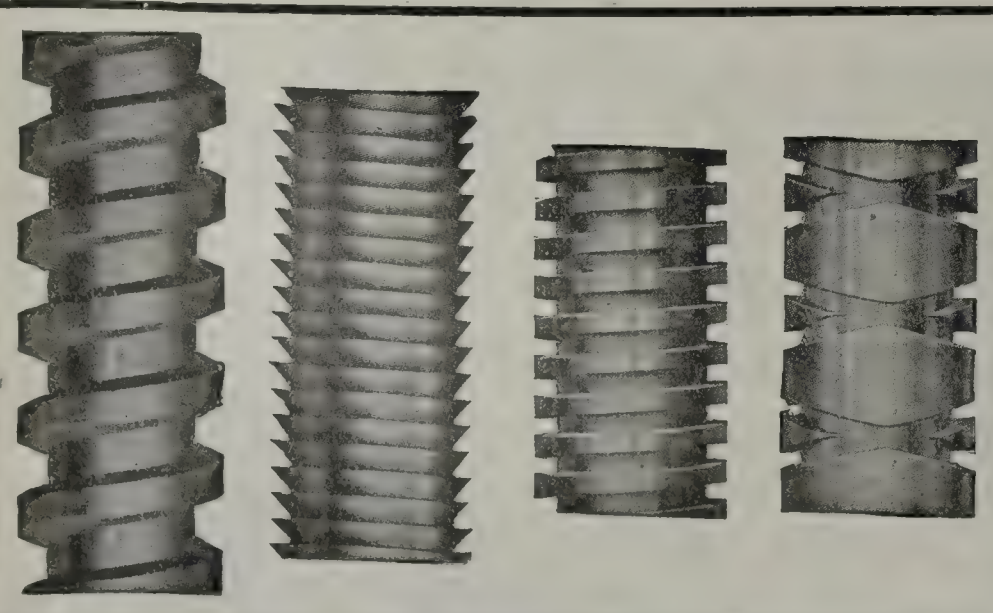
Crofoot Gear Works, Cambridge, Mass.
HINDLEY GEAR CO., 1105 Frankford av, Philadelphia, Pa. *See adv index at end of book*

13209— Screws (Long)

CRESSMAN N. C. CO., Drexel bldg, Philadelphia, Pa.
Kemp C. M. Mfg. Co. (Extra Heavy Pipe), 405 E Oliver, Baltimore, Md.

13210— Screws (Machine)

AMERICAN SCREW CO., 21 Stevens, Providence, R. I.
Atlantic Screw Works (David Tilton), Hartford, Conn.
Atlas Bolt & Screw Co. (Iron & Brass), 1000 Ivanhoe rd, Cleveland, O.
Babson, Dow Mfg. Co., 60 Fulda, Boston, Mass.
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn. *See adv index at end of book*
Chicago Nut Co., 2513 W 20th, Chicago, Ill.
Chicago Screw Co. (Iron & Brass), 13 N Jefferson, Chicago, Ill.
Cincinnati Screw Co., Twightwee, O.
Cleveland Machine Screw Co., Cleveland, Ohio
Continental Wood Screw Co. (Special), New Bedford, Mass.
Corbin Screw Corporation (Brass or Iron), New Britain, Conn.
Curtis Screw Works, Buffalo, N. Y.
Draper Corp., Hopedale, Mass.
General Mfg. Co., Waterbury, Conn.
Grammes L. F. & Sons, Allentown, Pa. *See adv index at end of book*
Harper F. C. Screw Works, 19 E 8th Chicago, Ill.
Hartford Machine Screw Co., Hartford, Conn.
Hartley Screw Products Co., 65 N. J. R. R. av, Newark, N. J.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hassall Jno. (Inc.) (Copper, Aluminum), Clay & Oakland, Brooklyn, N. Y. *See adv index at end of book*
Hill Geo. Q. Co., Framingham, Mass.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Hope Wm. H. Co. (Milled), Lowell, Mass.
Hubbell Harvey (Inc.), Bridgeport, Conn.
Keystone Screw Co., 17th & Lehigh, Philadelphia, Pa.
Kirk-Latty Mfg. Co., W 85th (bet. Detroit & Madison av), Cleveland, O.
KNAPP ARTHUR ENGINEERING CORP., 30 Church, New York *See adv index at end of book*
Lederer Bros. Co. (Screw Machine Products to Specification), 100 Stewart, Providence, R. I.
Liberty Screw Co., Inc., 33 N Foster, Worcester, Mass.



LEAD
FEED
POWER
SCREWS

Hindley Gear Company
1105 Frankford Avenue
Philadelphia : : : Pa.

Lubenow Mfg. Co., 592 1st av, Milwaukee, Wis.
Michigan Screw Co., Lansing, Mich.
Miles Franklin S. (Brass, Iron & Steel), 205 Quarry, Phila., Pa.
Milled Screw & Machine Co., Sayre, Pa.
National-Acme Mfg. Co., 7500 Stanton av S E, Cleveland, O.
National Screw & Tack Co., Cleveland, O.
New England Screw Co., 44 Farnsworth, Boston, Mass.
Pheoll Mfg. Co. (Brass, Iron, Copper, Bronze Monel Metal & Steel), 3700 W 12th, Chicago, Ill.
Philadelphia Machine Screw Works (All kinds of special), Race & Sheridan, Phila., Pa.
Phillips R. B. Mfg. Co., 3 Grand st. court, Worcester, Mass.
Progressive Mfg. Co., Torrington, Conn.
Reading Screw Co. (Brass & Iron), Norristown, Pa.
Reed & Prince Mfg. Co. (Brass & Steel), Worcester, Mass.
Reidy Mach. Screw Co., New Haven, Conn.
Spafford Machine Screw Works, 516 Asylum, Hartford, Conn.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
SCOVILL MFG. CO., Waterbury, Conn.
See adv index at end of book
Steele & Johnson Mfg. Co., Waterbury, Conn.
Waltham Screw Co., Waltham, Mass.
Waterbury Mfg. Co., Waterbury, Conn.
Western Automatic Mach. Screw Co., Elyria, Ohio
Woodlawn Machine Screw Co., Pawtucket, R. I.
Western Screw Mfg. Co., 4842 W Kinzie, Chicago, Ill.
Wicaco Screw & Machine Works, 623 Wood, Philadelphia, Pa.
Worcester Mach. Screw Co., Standard Screw Co., Successors (Rolled & Cut Thread), Worcester, Mass.

13210a— Screws (Milled)

Framingham Screw Works, Framingham, Mass.

13211— Screws (Optical)

Hartford Machine Screw Co., Hartford, Conn.
Waltham Screw Co., Waltham, Mass.

13212—Screws (Ore Washer)

Bethlehem Steel Co., So Bethlehem, Pa.
HINDLEY GEAR CO., 1105 Frankford av, Philadelphia, Pa.
See adv index at end of book

13213— Screws (Pad)

Frazer & Jones Co., Syracuse, N. Y.
National Screw & Tack Co. (For Saddlers), Cleveland, O.
North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.

13214—Screws (Pattern Lifting)

Federal Malleable Co. ("Fraser"), West Allis, Wis.

13215—Screws (Phosphor Bronze)

Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Worcester Machine Screw Co., Standard Screw Co., Successor, Worcester, Mass.

Screws (Plated & Lacquered)

See Screws, Wood; also Screws, Brass, etc

13216— Screws (Plumbers')

See also Washers, Plumbers

American Pin Co. ("Ampinco" Brass & Iron), Waterbury, Conn.
Ansonia Mfg. Co., Ansonia, Conn.
Berbecker & Rowland Mfg. Co. (Brass), Waterville, Conn.
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Chicago Nut Co., 2513 W 20th, Chicago, Ill.
Cleveland Wrought Products Co., 58th & W. & L. E. Belt Line, Cleveland, O.
Edwardsville Brass Co. (Traps, etc), Edwardsville, Ill.
Frost Mfg. Co. (Brass Closet), Kenosha, Wis.
Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
Hassall Jno. (Inc.) (Gas), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Hays Mfg. Co. (Brass Trap, etc), Erie, Pa.
New England Screw Co., 44 Farnsworth, Boston, Mass.
Russell J. M. Mfg. Co., Naugatuck, Conn.
Starbuck R. M. & Sons, Hartford, Conn.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Waterbury Mfg. Co., Waterbury, Conn.
Winkley Co. (Closet), Detroit, Mich.
Winsted Hardware Mfg. Co., Winsted, Conn.
Wolverine Brass Works (Closet, etc), Grand Rapids, Mich.
Worcester Machine Screw Co., Standard Screw Co., Successor, Worcester, Mass.

13217—Screws (Power, Lead & Feed)

Crofoot Gear Works, Cambridge, Mass.
HINDLEY GEAR CO., (Any length, any pitch, any style thread) 1105 Frankford av, Phila., Pa.
See adv index at end of book

13218— Screws (Press)

American Skein & Foundry Co. (For Pressing Cider, Tobacco, Cheese, etc), Racine, Wis.
HINDLEY GEAR CO., 1105 Frankford av, Philadelphia, Pa.
See adv index at end of book
Illinois Iron & Bolt Co. (For Pressing Cider, Tobacco, Cheese, etc), Carpentersville, Ill.

13219— Screws (Rigging)

HINDLEY GEAR CO., 1105 Frankford av, Philadelphia, Pa.
See adv index at end of book
Wilcox, Crittenden & Co., Middletown, Conn.

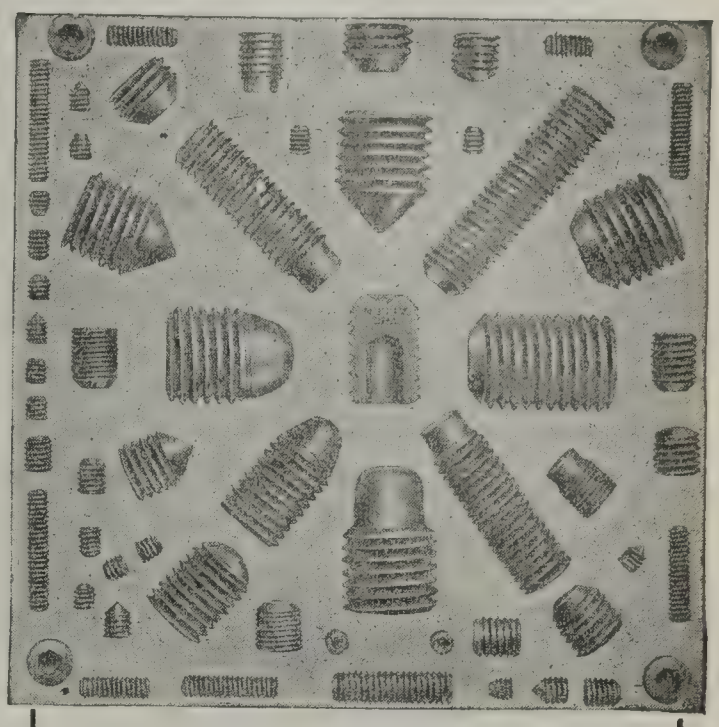
13220—Screws (Rolled Thread)

Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Corbin Screw Corp., New Britain, Conn.
Equipoise Rivet Co., Waterbury, Conn.
General Mfg. Co., Waterbury, Conn.
Hassall Jno. (Inc.), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
National Acme Mfg. Co., 7500 Stanton av N E, Cleveland, O.
New England Screw Co., 44 Farnsworth, Boston, Mass.
New Haven Rivet Co., New Haven, Conn.
Progressive Mfg. Co., Torrington, Conn.
Reed & Prince Mfg. Co., Worcester, Mass.

When writing to firms whose names appear in this book please mention
HENDRICKS' COMMERCIAL REGISTER.

13220a—*Screws (Safety Set)

ALLEN MFG. CO. ("Allen" Patent), 135 Sheldon, Hartford, Conn.
See adv index at end of book



Allen *Safety* Set Screws
Any length, point or thread, ¼ to 1½ in. diameter.
Send for Circular No. 25 and free samples
The Allen Mfg. Company, HARTFORD, CONN.
130 North 5th Avenue, Chicago, Ill.
173 Princess Street, Manchester, England

Harper F. C. Screw Wks., 19 E 8th, Chicago, Ill.

13221— Screws (Saw)

Corbin Screw Corporation, New Britain, Conn.
Curtis Screw Works, Buffalo, N. Y.
Disston H. & Sons, Tacony, Phila., Pa.
DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book
Petry N. A. Co., Inc., 1309 Race, Phila., Pa.
Philadelphia Machine Screw Works, 624 Race, Phila., Pa.
Sargent & Co. (Brass), New Haven, Conn.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Worcester Machine Screw Co., Standard Screw Co., Successor, Worcester, Mass.

Screws (Set)

See **Screws,** Cap & Set

13222—Screws (Set, Hollow)

ALLEN MFG. CO., 135 Sheldon, Hartford, Conn. *See adv index at end of book*
BRISTOL CO. ("Bristo Safety"), Waterbury, Conn. *See adv index at end of book*
Chicago Screw Co., 13 N Jefferson, Chicago, Ill.
Mac-It Parts Co. ("Mac-It"), Lancaster, Pa.
New Haven Screw Co. ("Foster"), 191 Foster, New Haven, Conn.
See adv index at end of book
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Standard Pressed Steel Co. ("Standco"), **20th & Clearfield, Phila., Pa.**

13223—Screws (Sheet Metal)

Parker Supply Co., 785 E 135th, New York

13224— Screws (Shutter)

Reading Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn.

13225— Screws (Side Knob)

Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Corbin Screw Corp., New Britain, Conn.
Harper F. C. Screw Wks., 19 E. 8th, Chicago, Ill.
Hassall Jno. (Inc.), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Penn. Hardware Co., Reading, Pa.
Reed & Prince Mfg. Co.. Worcester, Mass.

13226— Screws (Skein)

Bethlehem Steel Co., So Bethlehem, Pa.
Foster Bolt & Nut Mfg. Co., Union av & 72nd, Cleveland, O.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lamson & Sessions Co., 2188 Scranton rd, Cleveland, O.
Michigan Bolt & Nut Works, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.

13227— Screws (Stage)

Brewer Bros. Co. (Steel), 614 Filbert, Philadelphia, Pa.

13228— Screws (Stop Bead)

Lawrence Bros., Sterling, Ill.
National Mfg. Co. ("One Piece"), Sterling, Ill.

13229— Screws (Stud)

Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Chicago Screw Co., 13 N Jefferson, Chicago, Ill.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hill Geo. Q. Co., Framingham, Mass.
Michigan Screw Co., Lansing, Mich.
Miles Franklin S., 205 Quarry, Phila., Pa.
Republic Iron & Steel Co., Youngstown, O.
Reynolds James Mfg. Co., New Haven, Conn.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Spafford Machine Screw Works, 516 Asylum, Hartford, Conn.
Waltham Screw Co., Waltham, Mass.
Western Automatic Mach. Screw Co., Elyria, O.

13230—Screws (Telegraph Pole)

Worcester Machine Screw Co., Standard Screw Co., Successor, Worcester, Mass.

13231— Screws (Thumb)

Babson, Dow Mfg. Co., 60 Fulda, Boston, Mass.
Billings & Spencer Co., ("B & S") Hartford, Conn.
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Chicago Screw Co. (Drop Forge & Malleable Iron), 13 N Jefferson, Chicago, Ill.
Clark Bros. Bolt Co., Milldale, Conn.
See adv index at end of book
Corbin Screw Corp., New Britain, Conn.
Curtis Screw Works, Buffalo, N. Y.
DETROIT SCREW WORKS. 348 Franklin, Detroit, Mich.
See adv index at end of book
Devlin Thos. Mfg. Co., 3d & Lehigh av, Phila., Pa.
Harper F. C. Screw Wks., 19 E 8th, Chicago, Ill.
Harris Samuel & Co. ("Harris"), 114 N Clinton, Chicago, Ill.
Hartford Machine Screw Co., Hartford, Conn.
Haskell Wm. H. Mfg. Co. (Drop Forged), Pawtucket, R. I.
Hill Geo. Q. Co., Framingham, Mass.
Keystone Drop Forge Works (Drop Forged), Chester, Pa.
Kirk-Latty Mfg. Co., W 85th (bet. Detroit & Madison), Cleveland, O.
Miles Franklin S., 205 Quarry, Phila., Pa.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Page Storms Drop Forge Co. (Drop Forged), Chicopee, Mass.
Parker Wire Goods Co. (Wire Box, Thumb), Worcester, Mass.
Peck & Young Mfg. Co. (Round Head), Forestville, Conn.
Philadelphia Machine Screw Works, 624 Race, Phila., Pa.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Reed & Prince Mfg. Co. (Thumb), Worcester, Mass.
Rhode Island Tool Co., Providence, R. I.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Welch T. F. Co. (Brass), 55 Sudbury, Boston, Mass.
Western Automatic Mach. Screw Co., Elyria, Ohio
Williams J. H. & Co. (Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book
Wrightsville Hardware Co. (With Wrought Bolt), Wrightsville, Pa.

13232— Screws (Tobacco)

Bates Elevator Co., 211 President, Baltimore, Md.
Ripley Foundry & Machine Co. ("Parker," Stationary), Ripley, O.

13233—Screws (Watch & Clock)

Waltham Screw Co., Waltham, Mass.

Screws (Water Closet)

See Screws, Plumbers

13234— Screws (Wood)

AMERICAN SCREW CO., 21 Stevens, Providence, R. I.
Atlantic Screw Works (Brass & Bronze), (David Tilton, Prop.), Hartford, Conn.
Bridgeport Screw Co. ("B. S. Co." Iron, Steel & Brass), Bridgeport, Conn.
Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, O.
Continental Wood Screw Co., New Bedford, Mass.
Corbin Screw Corporation, New Britain, Conn.
Eagle Lock Co., Terryville, Conn.
Federal Screw Corp., 393 Harris av, Providence, R. I.
Hartley Screw Products Co., 65 N. J. R. R. av, Newark, N. J.
Hassall Jno. (Inc.), Clay & Oakland, B'klyn, N. Y. *See adv index at end of book*
National Screw & Tack Co. (Iron & Brass), Cleveland, O.
Parker Chas. Co. ("U. S. Screw Co."), Meriden, Conn.
Penn. Hdw. Co., Reading, Pa.
Reading Screw Co. (Brass & Iron), Norristown, Pa
Reed & Prince Mfg. Co. (Steel, Brass & Bronze), Worcester, Mass.
Southington Hardware Co., Southington, Conn.

13235— Screws (Wooden)

Aldrich Wm. K. Co., Lowell, Mass.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Peirce Wm. E. & Co., Milford, N. H.

13236—Scribers (Adjustable, Etc.)

STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

13237— Scribers (Machinists')

Goodell-Pratt Co., Greenfield, Mass.
S. & I. Co., Springfield, Mass.
West Haven Mfg. Co. ("Westhaven"), West Haven, Conn.

13238— Scribes (Timber)

Bemis & Call Hardware & Tool Co., Springfield, Mass.

13239— Scriptographs

Bond St. Georges (For Writing Signatures in Multiple), Crozer bldg, Phila., Pa.

13239a— Scrolls (Wooden)

See also Ornaments, Wood

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Scrubbers (Ammonia)

See Purifiers & Scrubbers, Gas

13240— Scrubbers (Floor)

Dennis W. J. & Co. ("Ideal" Rubber), 2120 W Lake, Chicago, Ill.
Standard Cleaner Co. (Rubber), 122 S Mich. av, Chicago, Ill.

Scrubbers (Gas)

See Purifiers & Scrubbers, Gas

Sculptors (Architectural)

See Modelers & Sculptors, Architectural; also Carvers, Stone

13241— Scuppers

Electric Welding Co., Benedum Trees bldg, Pittsburgh, Pa.
WATERTITE DRAIN & SCUPPER CO., 351 Lexington av, New York

13242—Scutches (Bricklayers')

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Warren Tool & Forge Co., Warren, O.

13242a— Scuttles (Ship)

Thacher Geo. H. & Co., Albany, N. Y.

13243— Scythe Mfrs.

American Axe & Tool Co., Glassport, Pa.
Columbian Cutlery Co. (Grass, Weed & Bush), Reading, Pa.
Dunn Edge Tool Co. ("Clipper," "Damascus," "Black Champion"), Oakland, Me.
Emerson & Stevens Mfg. Co., Oakland, Me.
Kelly Axe Mfg. Co., Charleston, W. Va.
North Wayne Tool Co. ("C. C. Brooks," "Little Giant," "Be Ve Be"), Hallowell, Me.
Rixford Mfg. Co., East Highgate, Vt.
Sibley Scythe Co., North Newport, N. H.
Wadsworth David & Son, Auburn, N. Y.
Winsted Mfg. Co. (Grass, Grain, Bush, Bramble, Weed & Lawn), Winsted, Conn.

13244— Scythe Snaths

American Fork & Hoe Co., Cleveland, O.
Brinser E. C. Sons, Richmond, Va.
Derby & Ball, Bellows Falls, Vt.
Edwards & Edwards, Waterbury, Vt.
Emerson & Stevens Mfg. Co., Oakland, Me.
Fenn Mfg. Co. ("Independent"), Charlotte, Mich.
North Indianapolis Cradle Works, Indianapolis, Ind.
Seymour Mfg. Co. ("Princess," "Daisy," "Nivision," "So. African Creedmoor""), Seymour, Ind.

13245— Seacoal

Lookout Paint Mfg. Co., Chattanooga, Tenn.
Midvale Mining & Mfg. Co., Central Natl. Bank bldg, St. Louis, Mo. Works: East St. Louis, Ill.

13246—*Seals (Case & Box)

CARY MFG. CO. ("Cary's Patented Protective Seals), Nassau & Jay, Brooklyn, N. Y. *See adv index at end of book*
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

13246a— Seals (Jar)

See also Caps (Bottle & Flask)

Anchor Cap & Closure Corp., 81 Prospect, Brooklyn, N. Y.
National Metal Seal Corp., 60 Wall, New York
Victor Jar Co., 321 Monroe, Detroit, Mich.

13247— Seals (Lead)

Acme Steel Goods Co. ("Acme"), 2834 Archer av, Chicago, Ill.
American Casting Co., 30 Main, Brooklyn, N. Y.
American Smelting & Refining Co., Cincinnati, O.
Chadwick-Boston Lead Co., Boston, Mass.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Hiertz Theo. Metal Co., Alaska & Tesson, St. Louis, Mo.
Lawrence Shot & Lead Co., Omaha, Neb.
Matthews Jas. H. & Co., 3942 Forbes, Pittsburgh, Pa.

Seals (Meter)

See Meter Seals

13248—Seals (Shipping Case)

Mensha Wooden Ware Co. ("Mensha," Wooden for Candy, Cocoanut, Lard, Pails, etc), Mensha, Wis.

13249— Seals (Tin)

Acme Steel Goods Co. ("Acme"), 2834 Archer av, Chicago, Ill.
Porter Safety Seal Co. ("Porter," Safety), 1110 W Lake, Chicago, Ill.

13250— Seals & Sealing Presses (Car)

American Casting Co., 30 Main, Brooklyn, N. Y.
American Railway Supply Co., 134 Charles, New York
American Seal Co., Bridgeport, Conn.
American Smelting & Refining Co. (Lead), Cincinnati, O.
Brooks E. J. & Co., 227 Fulton, New York
Chicago Car Seal Co., 364 N Green, Chicago, Ill.
Edgar Steel Seal & Mfg. Co. (Steel Seals), Lawrence, Kans.
Handlan-Buck Mfg. Co. ("Handlan's"), 210-14 N 3d, St. Louis, Mo.
Hiertz Theo., Alaska & Tesson (Lead Car Seals), St. Louis, Mo.
Hill-Independent Mfg. Co., Emerald & Adams, Phila., Pa.
Howlet J. & Co. (Lead Car Seals), Irvington, N. J.
International Seal & Lock Co. ("Tyden" Self-Locking Seals), Hastings, Mich.
Keystone Seal & Press Co. ("Keystone" "Giant," Bull Dog Presses & "Keystone" Anchor," "Diamond," "Duplex" Seals), 30 Main, New York
Lehmer Jos. R. Co., Omaha, Neb.
National Car Seal Co., Hamilton, O.
Northwestern Car Seal Co., 108 N Jefferson, Chicago, Ill.
Parker T. M., Hartford, Conn.
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.
Utica Drop Forge & Tool Co. (Presses), Utica, N. Y.

13251-2—Seals & Sealing Presses (Cigar Makers')

National Selling Co., Allentown, Pa.

13253— Seamers (Roofing)

Burritt O. W. & Bro. ("Burritts" Double & Cross Lock for Tin & Galvanized Roofing), Weedsport, N. Y.
Emrich Phil. ("Emrich" Double, etc), 824 Main, Cincinnati, O.
Merchant & Evans Co., 2035 Washington av, Philadelphia, Pa.
See adv index at end of book

Searchlights

See Projectors or Searchlights

13254—Searchlights (Acetylene)

Badger Brass Mfg. Co. ("Solar"), Kenosha, Wis.
Boesch Lamp Co., 962 Mission, San Francisco, Cal.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book

MILBURN A. ALEXANDER CO., 1420 W Baltimore, Baltimore, Md.
See adv index at end of book
Rose Mfg. Co. ("Neverout"), 910 Arch, Phila., Pa.

13254a—*Searchlights (Electric)

See also Projectors or Searchlights

Morse F. W., 289 Congress, Boston, Mass.
See adv index at end of book

13255—*Seat Ends (Hollow Metal)

DAHLSTROM METALLIC DOOR CO. (For R. R. Cars), 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book

13256—*Seat Springs (Wagon)

Illinois Malleable Iron Co. ("Spencer"), 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book

Seating

See Furniture, School; also Furniture, Church; also Opera Chairs & Assembly Seating

Seating (Car)

See Car Seats, Chairs & Fittings

13257— Seating (Veneer)

Adler Veneer Seat Co., Payntar av, Brooklyn, N. Y.
Ahnapee Veneer & Seating Co., Algoma, Wis.
American Veneer Co., Hoboken, N. J.
Eggers Fred Veneer Seating Co., Two Rivers, Wis.
Frost's Veneer Seating Co. (Ltd.), Sheboygan, Wis.
McKibben G. N. (Also Panels, etc), South Norwalk, Conn.

13258—Seats (Agricultural Implement)

American Shovel & Stamping Co., Lorain, Ohio
Brier Hill Steel Co. (Stamped Steel), Youngstown, O.
Cambria Steel Co. (Pressed Steel), Widener bldg, Phila., Pa.
Moline Pressed Steel Co., East Moline, Ill.
St. Louis Metalware Co., 2507 W Broadway, St. Louis, Mo.
Youngstown Pressed Steel Co., Youngstown, O.

13259— Seats (Automobile)

A. Z. Co. ("A.-Z." Metal), 527 W 56th, New York
Ahr & Rost Co. (Wood), Cincinnati, O.
American Auto Top Mfg. Co. (Folding Auxiliary), 1451 Wash blvd, Chicago, Ill.
Ames Motor Car Co., Owensboro, Ky.
Amesbury Brass & Foundry Co., Amesbury, Mass.
Borbein Auto Co., 2100 N 9th, St. Louis, Mo.
Brunn & Co. (Folding), 986 Ellicott, Buffalo, N. Y.
Buffington C. A. & Co. ("Buffington" Steel Chairs & Tools), Berkshire, N. Y.
Central Mfg. Co. (Steel), Connersville, Ind.
Chicago Coach & Carriage Co. (Folding), 1223 S Michigan av, Chicago, Ill.
Chicago Steel Foundry Co. (Cast Steel Spring Seats to Order), 2701 S Kedzie av, Chicago, Ill.
Cincinnati Panel Co., 1938 W 8th, Cincinnati, O.
Dann Bros. & Co., New Haven, Conn.
Essex Brass Foundry Co. (Auxiliary), Cambridge, Mass.
Hill Mfg. Co. ("Hill" Auxiliary Revolving & Folding), 23 Fuller, Buffalo, N. Y.
Hodge & Graves Co. ("Luxury" Revolving Auxiliary Chairs), Amesbury, Mass.
Kimball C. P. & Co. (Folding), 3900 S Michigan av, Chicago, Ill.
Kreidler Auto Top Co., Trenton, N. J.
McKinnon Dash Co. ("McKinnon" Folding), Buffalo, N. Y.
Marshalltown Buggy Co., Marshalltown, Iowa
Metal Stamping Co. ("Peerless" Folding), 13th, Long Island City, N. Y.
Miller A. J. & Co., Bellefontaine, O.
Mulholland Co., (Commercial), Dunkirk, N. Y.
Niagara Auto Radiator Co. (Metal), 151 W 68th, New York
Polson Mfg. Co. ("Polson" Auxiliary), Buffalo, N. Y.
St. Louis Metalware Co., 2507 N B'way, St. Louis, Mo.
Sterling Top & Equipment Co., 518 W 57th, New York
Sussman M. & Rosenburg Mfg. Co., Tarrytown, N. Y.
Union City Body Co., Union City, Ind.
Vincent-Alward Co., Kenosha, Wis.
Walker-Wells Co., Amesbury, Mass.

13260— Seats (Bath Tub)

American Brass Novelty Co., Grand Haven, Mich.
Aetna Plating Works, 126 S Clinton av, Chicago, Ill.
Bogert & Hopper (Wooden, also Closet), 67 Barclay, New York
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Central Specialty Mfg. Co., 508 S Peoria, Chicago, Ill.
Church C. F. Mfg. Co. ("White Pyralin"), Holyoke, Mass.
Columbus Brass Co., 688 Dublin av, Columbus, O.
See adv index at end of book
Eastern Specialty Mfg. Co., Scranton, Pa.
Edwardsville Brass Co., Edwardsville, Ill.
Estes E. B. & Sons (Wooden), 364 5th av, New York *See adv index at end of book*
Eustis J. P. Mfg. Co. ("Brasscrafters"), Cambridge, Mass.
Galard Co. ("Omala"), 335 6th av, Newark, N. J.
Hess Chas. Co. (For Export), 96 Wall, New York
Jenkins Mfg. Co., 20 Vesey, New York
Leclaire Mfg. Co., Edwardsville, Ill.
Novelty Mfg. Co. ("Wilwear," Adjustable), Waterbury, Conn.
Parker Chas. Co., Meriden, Conn.
Plumbers' Woodwork Co., Algoma, Wis.
Queen Mfg. Co., 313 S Clinton, Chicago, Ill.
Searls Mfg. Co., 29 Mulberry, Newark, N. J.
Sillcocks-Miller Co. ("Celluvarno"), S Orange, N. J.
Silver & Co., 304 Hewes (Cellu, White Metal), Brooklyn, N. Y.
Smith E. C. Mfg. Co., 120 N Union av, Chicago, Ill.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Timberlake J. B. & Sons (Board Seat, Wire Hanger), Jackson, Mich.
U. S. Sanitary Mfg. Co. ("20th Century"), Arott bldg, Pittsburgh, Pa.
Wolverine Brass Works, Grand Rapids, Mich.

13261—Seats (Buggy, Steel)

St. Louis Metalware Co., 2507 N B'way, St. Louis, Mo.

13262— Seats (Chair)

Adler Veneer Seat Co. (Veneer), Payntar av, Long Island City, N. Y.
American Fibre Chair Seat Corp., 540 Van Alst av, L. I. City, N. Y.
American Vulcanized Fibre Co. (Fibre), 504 Equitable bldg, Wilmington, Del.
Barber Leather Co. (Fibre), North Adams, Mass.
Blair Veneer Co. (Veneer, etc), "Douglas," "Crown," "Ulster"), North Troy, Vt.
Buffalo Decorative Fibre Co. (Fibre), Buffalo, N. Y.
Capital Seat & Novelty Co. ("Mia Heala" Fibre) 369 3rd av, New York
Chicago Decorated Leather Co. (Fibre,, etc), 426 S Clinton, Chicago, Ill.
Continental Fibre Co. (Hard Fibre), Newark Centre, Del.
Diamond State Fibre Co. (Hard Fibre), Elsmere, Del.
DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*
Economy Seat Co., Inc. ("On In a Minute" Upholstered Seats), 915 W 31st, Chicago, Ill.
Eggers F. Veneer Seating Co. (Veneer), Two Rivers, Wis.
Fox George E. Co., 35 W Kinzie, Chicago, Ill.

SEATS (CHAIR)—continued

Frost's Veneer Seating Co., (Ltd.) (Veneer), Sheboygan, Wis.
Gary Theo. H. Co. ("Unicum"), 67 Irving pl, New York
Hale & Kilburn Co., 1800 Lehigh av, Phila., Pa.
Lubbers & Bell Mfg. Co. (Upholstered, Steel Base), Clinton, Ia.
Marinna Spoke Co., Marinna, Ark.
Pick Richard Mfg. Co. (Fibre, etc), 224 N Wells, Chicago, Ill.
Spaulding J. & Sons Co. (Fibre), North Rochester, N. H.
See adv index at end of book
Standard Fibre Co. (Hard Fibre), Miller st, Somerville, Mass.
United Chair Seat & Novelty Co., (Fibre), 53 E 10th, New York

13263— Seats (Closet)

See also Plumbers' Woodwork

Albright Mfg. Co., Rural Hall, N. C.
American Sanitary Works ("B. O. T."), Washington, N. J.
Becker Mfg. Co. ("Hercules"), Marietta, Ohio.
Berglas M. P. Mfg. Co., 10 Fulton, Brooklyn, N. Y.
B R E Mfg. Co. ("B R E Hygienic," "Senior-Junior Hygienic," "Self-Raising Hygienic," "Hygienic Spring"), Hyde Park, Mass.
Brunswick-Balke-Collender Co. ("Whale-Bone-Ite"), 629 S Wabash av, Chicago, Ill.
Cadillac Furniture Co., Smith bldg, Detroit, Mich.
Casey-Hedges Co., Chattanooga, Tenn.
Church C. F. Mfg. Co. ("White Pyralin," "Crescent," "Famous," "Climax," & "Eclipse,") Holyoke, Mass.
Climax Sanitary Co. ("Splitproof," "Maxco"), Detroit, Mich.
Columbus Brass Co. ("Brasco"), 538 Dublin av, Columbus, O.
See adv index at end of book
Concord Woodworking Co., Concord, N. H.
Cowan Mfg. Co., Fulton bldg, Pittsburgh, Pa.
Coyne & Delany Co. ("C. & D."), 832 Kent av, Brooklyn, N. Y.
Detroit Tank & Seat Co., Detroit, Mich.
Douglas John Co., Carthage, Cincinnati, O.
Edwardsville Brass Co., Edwardsville, Ill.
Eichman J. C. Mfg. Co. ("Hammerlock"), Bush & Wicomico, Baltimore, Md.
Emery Wm. S. ("Acme," "Primrose," "Non-Split"), 118 E 28th, New York
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Fibre Corporation, Lockport, N. Y.
Findeisen & Kropf Mfg. Co. ("Cello" White), 2559 W 21st, Chicago, Ill.
Galard Co. ("Omala"), 335 6th av, Newark, N. J.
Globe Furniture Co. Ltd., Northville, Mich.
Grand Rapids Hand Screw Co. ("Bull Dog," "Globe"), Grand Rapids, Mich.
Haines, Jones & Cadbury Co. ("Relyo," "Fema," "Ivoroid"), 1136 Ridge av, Phila., Pa.
James Mfg. Co. ("Jamaco"), Canton, O.
Jensen's Factory Store, Evansville, Ind.
Knott Mfg. Co., Tell City, Ind.
Leclaire Mfg. Co., Edwardsville, Ill.
Meyer-Sniffen Co. ("Climax"), 11 W 36th, New York
Miller Chas. A. Co., Sturgis, Mich.
Milwaukee Seat & Tank Co., Milwaukee, Wis.
Mott J. L. Iron Works, Trenton, N. J.
Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
Never Split Seat Co. ("Never Split"), Evansville, Ind.
Olmstead-Thomson Mfg. Co. ("Square Deal"), New Britain, Conn.
Osada Sheet Metal & Wood Works, 1422 S Front, Phila., Pa.
Greensboro, N. C.
Patterson-Kiser Seat Co. ("Albright"),
Peerless Selling Co. ("Don't Worry"), Evansville, Ind.
Peirce W. E. & Co., Milford, N. H.
Perfect Tank & Seat Co., Syracuse, N. Y.
Pfau Mfg. Co., ("Pfau"), Mentor & Huston Norwood, Cincinnati, O.
Phila. Sheet Metal & Wood Works, 108 Reed, Phila., Pa.
Plumbers' Woodwork Co. ("Badger"), Algoma, Wis.
Rumsey L. M. Mfg. Co., 810 N 2d, St. Louis, Mo.
Sanisteel Co. ("Sanisteel"), 1200 Niagara, Buffalo, N. Y.
Sanitary Specialties Co. ("Ivorid," "Porceloid"), 1836 E Clearfield, Phila., Pa.
Sanitary Ware Mfg. Co., Newark, N. J.
Sherwood Brass Works ("Sherwood," Aluminum), Detroit, Mich.
Shwab Bros. Co. ("Neverbreak" & Childs Comfort), 811 E 9th, New York
Sillcocks-Miller Co. ("Celluvarno"), S Orange, N. J.
Standard Sanitary Mfg. Co. ("Ivorite"), Bessemer bldg, Pittsburgh, Pa.
Standard Tank & Seat Co. ("Everlasting," "Ivory," Celluloid Covered), Camden, N. J.
Teahen James M. ("Vitio"), Detroit, Mich.
Thompson Mfg. Co., Holland, Mich.
Van Arnam Mfg. Co. ("Van-Ar-Co," "Samson"), Ft. Wayne, Ind.
Ventilating Closet Seat Co., Wausau, Wis.
Zero Valve & Brass Mfg. Co., Buffalo, N.Y.

13264—Seats (Elevator, Folding)

Cook C. A. Co. ("Utility"), Cambridge, Mass.
Faul & Timmins, Buffalo, N. Y.

13265— Seats (Folding)

American Auto Top Mfg. Co. (Auxiliary), 1451 Wash blvd, Chicago, Ill.
Brunn & Co., 988 Ellicott, Buffalo, N. Y.
Bryan Novelty Mfg. Co. ("Bryan" Folding Counter), Bryan, O.
Chicago Coach & Carriage Co., 1223 S Michigan av, Chicago, Ill.
Cook C. A. Co. ("Utility" Store Folding), Cambridge, Mass.
Faul & Timmins (Store Folding), Buffalo, N. Y.
Fernald Mfg. Co. ("New I-D," "Buffington," "Peerless," Third Seat for Carriage, etc), North East, Pa.
Hill Mfg. Co. ("Hill" Auxiliary), 23 Fuller, Buffalo, N. Y.
Hodge & Graves Co. ("Luxury"), Amesbury, Mass.
Improved Bit & Snap Co. (Steel Third Buggy Seat), Racine, Wis.
Kimball C. P. & Co., 3900 S Michigan av, Chicago, Ill.
McKinnon Dash Co., Buffalo, N. Y.
Metal Stamping Co. ("Peerless"), 13th, Long Island City, N. Y.
Racine General Mfg. Co., Racine, Wis.
Vanishing Wall Seat-Cabinet Co., Phelan bldg, San Francisco, Cal.

13266— Seats (Motorman's)

Cook C. A. Co. ("Utility"), Cambridge, Mass.
Electric Service Supplies Co. ("Keystone" Adjustable & Collapsible), 17th & Cambria, Phila., Pa.
Hale & Kilburn Co., 1800 Lehigh av, Philadelphia, Pa.
Wood Chas. N. Co., 14 Federal, Boston, Mass.

13267— Seats (Pole)

Allen Iron & Steel Co., 3rd & Venango, Phila., Pa.
Bissell F. Co. ("Security"), Toledo, O.
Central Tile & Elec. Co. (Chairs), 310 N 11th, St. Louis, Mo.
Cook Frank B. Co. (Houses), 162 N Clinton, Chicago, Ill.
Fairmount Elec. Mfg. Co. (Chairs, Cars), 59th & Woodland, Phila., Pa.
Hall Frank B. (Houses), Newton Falls, O.
Hallett Iron Works ("Hallett" Safety), Harvey, Ill.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Klein Mathais & Sons (Roller), 562 W Van Buren, Chicago, Ill.
Lanz M. & Sons (Cable Pole), 2907 Carson, Pittsburgh, Pa.
Meckel Fred. L., 11 E 13th, Chicago, Ill.
Reliable Elec. Co., 411 S Sangamon, Chicago, Ill.
Specialty Device Co., 112 W 23rd, Cincinnati, O.

13268—Seats (Spindle, Carriage)

Newton W. H. & Son, Cortland, N. Y.
Stephenson Mfg. Co., South Bend, Ind.

13269— Seats (Stoop)

Leipzig A. (Willow), 127 W 17th, New York

Seats (Third)

See Seats, Folding

13270— Seats (Valve)

Anderson Rubber Works, Anderson, Ind.
Boyd James & Bro. (Rotary for Pumps), 25th & Wharton, Phila., Pa.
Casenite Co. (Acetylene Gas), 21 Warren, New York
National Mfg. & Engineering Co. (For Pump Valves), 1537 Race, Phila., Pa.
Smeeth-Harwood Co. (For Hot Blast Stoves, Tuyeres & Coolers), 2401 W 22d, Chicago, Ill.
Trenton Brass & Machine Co. (For Galvanized Iron Siphons), Trenton, N. J.

13271— Secohmeters

Leeds & Northup Co., Stenton av, Gtn, Phila., Pa.

13272—Sections (Honey Box)

Falconer W. T. Mfg. Co., Falconer, N. Y.
Kretchmer Mfg. Co., Council Bluffs, Ia.

13273— Seeders (Beet)

American Seeding Machine Co. ("Superior"), Springfield, O.
Bateman Mfg. Co. ("Iron Age"), Greloch, N. J.
Caledonia Bean Harvester Works, Caledonia, N. Y.
Columbia Planter Co., Springfield, O.
Deere & Mansur Co. (Drills), Moline, Ill.
Gale Mfg. Co., Albion, Mich.
McWhorter Mfg. Co., Riverton, N. J.
Moline Plow Co. (Four Row), Moline, Ill.
Parlin & Orendorff Co. ("P. & O."), Canton, Ill.

13274— Seeders (End Gate)

Bristol & Gale Co. ("Paragon"), 158 Carroll av, Chicago, Ill.
Chambers, Bering, Quinlan Co., Decatur, Ill.
Foster & Williams Mfg. Co., Racine, Wis.
Freeman Mfg. Co., Dept. O, Racine, Wis.
Johnson & Field Mfg. Co. ("Racine"), Racine, Wis.
Luthy & Co., Peoria, Ill.
Meadows Mfg. Co., Pontiac, Ill.
Monitor Drill Co., St. Louis Park, Minn.
Peoria Drill & Seeder Co. ("Gledale Agitator," "Peoria Agitator"), Peoria, Ill.
Racine Implement Co., Racine, Wis.

13275— Seeders (Garden)

Allen S. L. & Co. ("Planet, Jr."), Denckla bldg, Phila., Pa.
Bateman Mfg. Co., Grenloch, N. J.
Blocki F. Co., Sheboygan, Wis.
Columbia Planter Co., Springfield, O.
McWhorter Mfg. Co., Riverton, N. J.
Standard Garden Tool Co., Montrose, Ia.

13276— Seeders (Grass)

Crown Mfg. Co. (Wheelbarrow), Phelps, N. Y.
Cyclone Seeder Co., Urbana, Ind.
Eureka Mower Co., 16 Hickory, Utica, N. Y.
Fetzer & Co. ("Fetzer," "McSherry"), Springfield, Ill.
Rittenhouse J. F. ("Rittenhouse", also Tin Horn Seeders), Liberty Mills, Ind.
Seeder Mfg. Co., Homer, Mich.
Star Seeder Co., Shortsville, N. Y.
Thompson O. E. & Sons (Hand), Ypsilanti, Mich.

13277— Seeders (Raisin)

Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Philadelphia, Pa.
Goodell Co., Antrim, N. H.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Landers, Frary & Clark ("Crown"), New Britain, Conn.

13278— Seeders & Sowers

Seeders; also Sowers

Abbott S. B. (Hand Seeders), Goshen, Ind.
Allen S. L. & Co. ("Planet, Jr."), Bean, Pea, etc), Denckla bldg, Phila., Pa.
American Seeding Machine Co. (Broadcast), Springfield, O.
Beaver Dam Mfg. Co. ("Ideal"), Beaver Dam, Wis.

Belcher & Taylor Agri. Tool. Co. (Fertilizer "Stevens"), Chicopee Falls. Mass.
Blocki F. Co. (Broadcast Seeders), Sheboygan, Wis.
Cyclone Seeder Co. ("Cyclone," "Chicago" & Sower), Urbana, Ind
Deere & Mansur Works (Alfalfa), Moline, Ill.
Dowagiac Drill Co. (Seeders), Dowagiac, Mich.
Emerson-Brantingham Co.. Rockford. Ill.
Eureka Mower Co., 16 Hickory, Utica, N. Y.
Fetzer & Co. ("Fetzer," "McSherry"), Springfield, Ill.
Foster & Williams Mfg. Co., Racine. Wis.
Gale Mfg. Co. (Broadcast), Albion, Mich.
Goodell Co. (Hand), Antrim, N. H.
Hench & Dromgold Co. (Inc.), York, Pa.
Herschel R. Mfg. Co. (Hill & Drill), Peoria, Ill.
International Harvester Company of America (Inc.) (Empire Hoosier-Kentucky), (Broadcast Seeder & Fertilizer Sowers), Harvester bldg, Chicago, Ill.
Janesville Machine Co., Janesville, Wis.
Johnson & Field Mfg. Co. (Scandinavian Broadcast), Racine, Wis.
King Drill Mfg. Co., Nebraska City, Neb.
La Crosse Plow Co. (Also Grass Seeder Attachments), La Crosse, Wis.
Luthy & Co. (Also Grass Seeder Attachments), Peoria, Ill.
Massey-Harris Harvester Co. (Disc Seeder), Batavia, N. Y.
Moline Plow Co. ("Monitor," "Economy," "Flying Dutchman," "Moline Giant"), Moline, Ill.
Ohio Rake Co. (Seeders for Disc Harrows), Dayton, O.
Owatonna Mfg. Co., Owatonna, Minn.
Peoria Drill & Seeder Co. ("Columbia," "Cyclone," "Union, Jr."), Peoria, Ill.
Rittenhouse J. F. (Grain Seeders), Liberty Mills, Ind.
Seeder Mfg. Co. (Wheelbarrow & Horn), Homer, Mich.
Star Seeder Co., Shortsville, N. Y.
Sterling Mfg. Co. ("Sterling"), Sterling, Ill.
Van Brunt Mfg. Co. (Broad Cast), Horicon, Wis.
Wayne Works, Richmond, Ind.
Whitman Agricultural Co. (Broadcast), St. Louis. Mo.

Segments (Commutator)

See Bars, Commutator

13279—Segments (Controller)

Eureka Co., North East, Pa.

13280—Selective Calling Systems (Telephone)

General Railway Signal Co. (For Train Dispatching). Rochester, N. Y.
National Scale Co. ("National") 11 Hendricks, Chicopee Falls, Mass.

13281— Selenium

American Smelting & Ref. Co., 120 B'way, New York
Drakenfeld B. F. & Co., 50 Murray, New York

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Roessler & Hasslacher Chemical Co., 100 William, New York
United States Smelting Co., 120 B'way, New York

Self-Closing Work

See Cocks & Bibbs, Self-Closing

13282—Self-Feeders & Band Cutters for Threshers

Avery Co. ("Avery," "Bartholomew"), Peoria, Ill.
Buffalo Pitts Co., Buffalo, N. Y.
Case J. I. Threshing Machine Co., Racine, Wis.
Emerson-Brantingham Co. ("Geiser Peerless"), Rockford, Ill.
Farquhar A. B. Co. (Ltd.), York, Pa.
Frick Co., Waynesboro, Pa.
Garden City Feeder Co., Pella, Ia.
Hart Grain Weigher Co., Peoria, Ill.
Holt Mfg. Co. ("Chain), Stockton, Cal.
Huber Mfg. Co. ("New Huber"), Marion, O.
Jackson-Byron Iron Works (Self Feeder), Berkley, Cal.
Maytag Co. ("Parsons," "Ruth," "Hawkeye"), Newton, Ia.
Meyer & Co., Throopsville, New York
Minneapolis Threshing Machine Co., 226 N 2d, Minneapolis, Minn.
Nichols & Shepard Co. ("N. & S.," "Universal"), Battle Creek, Mich.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Rumley M. Co. ("Advance," "Gaar Scott," "Rumley Ruth"), Laporte, Ind.
Russell & Co. ("Boss"), Massillon, O.
Sandwich Mfg. Co., Sandwich, Ill.
Swayne, Robinson & Co., Richmond, Ind.
Westinghouse Co., Schenectady, N. Y.
Wood Bros. Thresher Co., Des Moines, Ia.

13283-4— *Self-Starters

CUTLER-HAMMER MFG. CO. (Alternating and Direct Current), 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book

Self-Starters (Automobile)

See Engine Starters, Automobile

13285-6-7—Separators (Ammonia)

Crane Co. (Est. 1855), ("Crane" Ammonia Oil), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
Steam Appliance Co. ("Victor"), Milwaukee, Wis.
Worthington Pump & Machinery Corp., 115 B'way, New York
See adv index at end of book

Estes E. B. & Sons, 364 5th av, New York

13288— Separators (Barley)

Barnard & Leas Mfg. Co. (Also Malt), Moline, Ill.
Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor" for Brewers & Maltsters), Silver Creek, N. Y.
Invincible Grain Cleaner Co., Silver Creek, N. Y.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.

13288a—Separators (Battery)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

13289— Separators (Bean)

Avery B. F. & Sons, Louisville, Ky.
Invincible Grain Cleaner Co., Silver Creek, N. Y.
Owens, J. L. Co., Fulton & S E Huron, Minneapolis, Minn.

13290— Separators (Bow)

See Also Sockets, Bow

Auto Specialties Mfg. Co., ("Bair") Joliet, Ill.
Cowles C. & Co., New Haven, Conn.
Crandall, Stone & Co., Division, The Brewer Titchener Corp. ("Pioneer"), Binghamton, N. Y.
Detroit Socket Co. ("Desoco"), Detroit, Mich.
Eberhard Mfg. Co., Cleveland, O.
Essex Brass Foundry Co., Cambridge, Mass.
Iroquois Auto Top Co. ("Stick-Tite"), Utica, N. Y.
Jonah & George, Merrimac, Mass.
Keeler Brass Co., Grand Rapids, Mich.
Novelty Mfg. Co., Waterbury, Conn.
Scherer H. & Co., Detroit, Mich.
Smith Jos. N. & Co., Detroit, Mich.
Springfield Auto Top & Upholstering Co. ("Never-Rub"), Springfield, Mass.
Unique Findings & Supply Co., 36 Garnet, Providence, R. I.
Weiss Chas. & Son ("American"), 4715 Cottage Grove av, Chicago, Ill.
Western Brass Mfg. Works, Marshal blvd & W 21st, Chicago, Ill.
Wiener-Barnet Co., 228 Adams, Newark, N. J.
Woodruff Walter W. & Sons Co., Mt. Carmel, Conn.

13291—Separators (Cement, Plaster, Etc.)

Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*

13292—Separators (Centrifugal)

American Tool & Machine Co. ("Roper" for Separating Oil from Bolts, Nuts & Small Pieces, Metal Chips & Turnings, Belt or Motor Driven), 10 High, Boston, Mass.
Curtis Albert B. (For Separating Oil from Steel Chips, etc), Worcester, Mass.
National Separator & Machine Co. (Combined Oil Separator & Filter, for Separating Oil from Metal Chips, etc), Concord, N. H.
OIL & WASTE SAVING MACHINE CO., Real Estate Trust bldg, Phila., Pa.
SHARPLES SPECIALTY CO. ("Super Centrifuge" for Wool Fat, Oils & Water Gas Tar), West Chester, Pa.

13293— Separators (Coal)

Anthracite Separator Co. ("Spiral," Automatic in Action), Hazleton, Pa.
Dwigs Magnetic Separator Co., 672 Smith, Milwaukee, Wis.

13294—Separators (Cotton Seed)

Bauer Bros. Co., Bauer bldg, Springfield, O.
Diamond Huller Co., Winona, Minn.
Empire Duplex Gin Co., 346 Broadway, New York
Murray Co., Dallas, Texas
New Winona Mfg. Co., Winona, Minn.
Sprout, Waldron & Co., Muncy, Pa.

13295—Separators (Cracked Corn)

Invincible Grain Cleaner Co., Silver Creek, N. Y.
Sprout, Waldron & Co., Muncy, Pa.
Wolf Co., Chambersburg, Pa.

13296— Separators (Cream)

American Separator Co. (Centrifugal) Bainbridge, N. Y.
Anker-Holth Mfg. Co., Port Huron, Mich.
Associated Mfrs. Co., Waterloo, Ia.
Blanke Mfg. & Supply Co. ("Standard," "Champion"), 3d & Wash. av, St. Louis. Mo.
Buckeye Churn Co. ("Primes"), Sidney, O.
Buckeye Cream Separator Co., Oberlin, O.
Burrell D. H. Co. ("Simplex," Centrifugal, Hand & Power), Little Falls, N. Y.
Champion Blower & Forge Co. ("Red Star," "Champion"), Lancaster, Pa.
Chapman C. L. Cream Separator Works, Erie, Pa.
Cleveland Cream Separator Co. (Centrifugal), 6613 Hough, Cleveland, O.
Creamery Package Mfg. Co., 61 W Kinzie, Chicago, Ill.
Dairy Cream Separator Co. ("Dairy Queen"), Lebanon, Ind.
Davis J. H. Sparta, Wis.
Davis Milk Machinery Co. ("Davis" Centrifugal), **10 S La Salle, Chicago, Ill.**
De Laval Dairy Supply Co., 61 Beale, San Francisco, Cal.
De Laval Separator Co. (Centrifugal), 165 B'way, New York
Deshler Mail Box Co. ("Success" Gravity), Deshler, O.
Diller Mfg. Co., Bluffton, O.
Empire Cream Separator Co. ("Empire"), Bloomfield, N. J.
Fisk E. W., Newark, N. Y.
Galloway Wm. Co., Waterloo, Ia.
International Harvester Company of America (Inc.) (Primrose-Lily; 4 sizes of each), Harvester bldg, Chicago, Ill.
Jones Frank L., Utica, N. Y.
King Drill Mfg. Co., Nebraska City, Neb.
Lawrence-Bostwick Mfg. Co. (Ltd.), Phelps, N. Y.
Lisk Mfg. Co. (Ltd.), ("Lisk" Anti Rust X X Charcoal Plate), Canandaigua, N. Y.
Lisle Mfg. Co. ("Monarch" Hand), Clarinda, Ia.
Milwaukee Separator Mfg. Co., ("Milwaukee") 247 Madison, Milwaukee, Wis.
Murphy A. F. Die & Machine Co.. 364 Atlantic av, Boston, Mass.

SEPARATORS (Cream)—continued
National Dairy Machine Co. ("National" Centrifugal, etc), Goshen, Ind.
National Enameling & Stamping Co. ("National"), 411 5th av, New York
Papec Machine Co., Shortsville, N. Y.
Reid A. H., Creamery & Dairy Supply Co. ("Reid" & Disc Bracket Hand), 69th & Haverford, Phila., Pa.
Reliance Engineering Co. ("Omega" Centrifugal), Lansing, Mich.
Renfrew Machinery Co., Ltd. First Nat'l Bk. bldg, Milwaukee, Wis.
Rock Island Plow Co. ("Great Western"), Rock Island, Ill.
Seither & Cherry Co. ("Banner" Stationary), Keokuk, Ia.
Sharples Separator Co. (Tubular), West Chester, Pa.
Standard Separator Co. ("Automatic"), 45th & Burnham, Milwaukee, Wis.
Starch Bros. Co., La Crosse, Wis.
Superior Sheet Metal Works Co. ("Superior"), 3201 Roosevelt av, Indianapolis, Ind.
Swedish Separator Co., 515 S 5th av, Chicago, Ill.
United Engine Co. ("Diabolo"), Lansing, Mich.
Vega Separator Co., Fostoria, O.
Vermont Farm Machine Co. ("United States"), Bellows Falls, Vt.
Waterloo Gasoline Engine Co. ("Waterloo Boy"), Waterloo, Ia.
Wayte W. J. (Imp.), 1 Liberty, New York
Weber Kirch Mfg. Co., Keokuk, Ia.
Williams J. H. & Co. (Forgings), 31 Richards, B'klyn, N. Y.
See adv index at end of book
Worthington Pump & Machy. Corp. (Oil Engine Driven) 115 B'way, New York
See adv index at end of book

Separators (Cream Centrifugal)

See Separators, Cream, with the word Centrifugal following their name

13297— Separators (Dust)

Banister A. W. Co., 421 Dorchester av, South, Boston, Mass.
Buffalo Forge Co., Buffalo, N. Y.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Ladel Mfg. Co. ("Ladel" Sawdust), New Philadelphia, O.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Sterling Blower Co., Hartford, Conn.
Wolf Co., Chambersburg, Pa.

13298— Separators (Egg)

Aluminum Specialty Co., Manitowoc, Wis.
Kohler Die & Specialty Co., De Kalb, Ill.

13299—Separators (Electro-Static)

Sutton Steel & Steel ("S. S. & S." Dielectric, for Minerals), Dallas, Texas

Separators (Flax)

See Flax Seed Cleaning Machines

13300— Separators (Garlic)

Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.
Invincible Grain Cleaner Co., Silver Creek, N. Y.

13301—Separators (Gas & Oil)

Rollins Supply Co. (Oil, also Detectors), 17 W Kinzie, Chicago, Ill.

13302— Separators (Grain)

American Grain Separator Co., Erie & S. E. Essex, Minneapolis, Minn.
American Machinery & Construction Co., 103 W. Water, Milwaukee, Wis.
Aultman & Taylor Machinery Co. ("New Century"), Mansfield, O.
Avery Mfg. Co., Peoria, Ill.
Barnard & Leas Mfg. Co. ("Barnard's" Perfected Elevator, etc), Moline, Ill.
Closz & Howard Mfg. Co., Webster City, Ia.
Conner J. W. & Son ("Overshot," Separator & Cleaner), Orangeville, Pa.
Dings Magnetic Separator Co., 672 Smith, Milwaukee, Wis.
Emerson-Brantingham Co. ("New Peerless," "Reeves"), Rockford, Ill.
Farquhar A. B. Co. (Ltd.), York, Pa.
Fosston Mfg. Co. ("New Process" "Cyclone" Cleaner & Separator), 473 Cleveland, St. Paul, Minn.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Hoosier Mfg. Co., New Castle, Ind.
Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Cranson" & "Monitor," Scouring, Polishing & Separating, etc), Silver Creek, N. Y.
Invincible Grain Cleaner Co., Silver Creek, N. Y.
Johnson & Field Mfg. Co. ("Racine" Dustless), Racine, Wis.
Merkel A. P., Fleetwood, Pa.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Owens J. L. Co. (Also Flax), Fulton & S E Huron, Minneapolis, Minn.
Prairie Queen Mfg. Co., Newton, Kan.
Prinz & Rau Mfg. Co. ("Prinz" Automatic), 659 E Water, Milwaukee, Wis.
Reeves Pulley Co. (Compound), Columbus, Ind.
Richmond Mfg. Co. ("Niagara" Compound Shake Double Receiving, etc), Lockport, N. Y.
Rumely Leo Tractor Co. ("Rumely Ideal," "Advance," "Gear Scott"), La Porte, Ind.
Sprout Waldron & Co., Muncy, Pa.
Swayne, Robinson & Co., Richmond, Ind.
Wolf Co., Chambersburg, Pa.

13303— Separators (Hop)

Aue Ferdinand Co. ("Muller"), 401 E 91st, New York

13304—Separators (Inclined, Vibrating)

Tyler W. S. Co., Cleveland, Ohio
See adv index at end of book

Separators (Iron & Brass)

See Separators, Magnetic

13305—Separators (Magnetic)

American Grondah Co., 120 B'way, New York
Barnard & Leas Mfg. Co., Moline, Ill.
Barnett Oscar Foundry Co., Irvington, N. J.
Birdsboro Steel Foundry & Machine Co. ("Buchanan"), Birdsboro, Pa.
Buchanan C. G. Co. ("Buchanan" for Brass, Iron Ore, etc), 90 West, New York
Capitol Brass Works ("Noble's" Electro), Detroit, Mich.
Cutler-Hammer Mfg. Co., 12th & St. Paul av, Milwaukee, Wis.
Dienelt & Eisenhardt, 1302 N Howard, Phila., Pa.
Dings Magnetic Separator Co. ("Dings" Electric), 672 Smith, Milwaukee, Wis.
Hamilton & Hansell, 17 Battery pl, New York
Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor" Separators & Fields), Silver Creek, N. Y.
Invincible Grain Cleaner Co., Silver Creek, N. Y.
McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.
Magnetic Mfg. Co. (For Metals & Ore), 764 Windlake av, Milwaukee, Wis.

MAGNETIC SEPARATORS
FOR ALL REQUIREMENTS
MAGNETIC MFG. COMPANY
MILWAUKEE, WISC.

Magnetic Separator Co. (For Magnetic Ores), Troy, N. Y.
Oakes Roland T. Co., Holyoke, Mass.
Richmond Mfg. Co. ("Niagara," "Automatic," for Removing Metal from Grain), Lockport, N. Y.
Sprout, Waldron & Co. (Automatic), Muncy, Pa.
Stearns-Roger Mfg. Co., Denver, Col.
Sutton, Steel & Steel ("S. S. & S." for Separating Magnetic from Non-Magnetic Material), Dallas, Tex.
United Iron Works Co. ("Cleveland-Knowles," for Separating Iron Pyrites from Lead & Zinc Ores), Kansas City, Mo.
Wolf Co., Chambersburg, Pa.

13305a— *Separators (Oil)

See also Separators, Steam & Oil; also Separators, Centrifugal

BUNDY OIL SEPARATOR

For separating oil from exhaust steam. Multiple baffle plates insure high efficiency. These plates can be removed and cleaned, assuring maintenance of original efficiency.

THE
GRISCOM-RUSSELL CO.
92 West Street New York

Separators (Oil, from Steel Chips)

See Separators, Centrifugal; also Extractors, Oil & Grease

13306— Separators (Ore)

Dings Magnetic Separator Co., 672 Smith, Milwaukee, Wis.
Huff Electrostatic Separator Co. ("Huff" Electro Static), 60 India, Boston, Mass.
Zinc Concentrating Co., 60 Congress, Boston, Mass.

13307— Separators (Pea)

Invincible Grain Cleaner Co., Silver Creek, N. Y.
Sprague Canning Machinery Co. ("Scotts" Rotary Interchangeable), 222 N Wabash av, Chicago, Ill.

13308— Separators (Peanut)

Cardwell Machine Co. ("Smith"), 1900 E Cary, Richmond, Va.

13309—Separators (Pneumatic)

Bauer Bros. Co., Bauer bldg, Springfield, Ohio.

13309a—Separators (Receiver)

Harrison Safety Boiler Wks., 3147 N 17th, Philadelphia, Pa.

13310—Separators (Reclaimed Rubber)

Dings Magnetic Separator Co., 672 Smith, Milwaukee, Wis.
Turner, Vaughn & Taylor Co., Cuyahoga Falls, O. *See adv index at end of book*

13311— Separators (Rice)

Invincible Grain Cleaner Co., Silver Creek, N. Y.
Rumely Leo Tractor Co. ("Advance," "Gear Scott," "Tiger," "Rumely Ideal"), La Porte, Ind.

13312—Separators (Small Seed)

Nichols & Shepard Co., Battle Creek, Mich.

STRATTON STEAM SEPARATOR

A *real* steam separator. Positive separation by centrifugal force. Simple in construction; no loose parts. Large receiver capacity.

THE GRISCOM-RUSSELL CO.

92 West Street New York

13313—Separators (Steam & Oil)

See also Extractors, Oil & Grease

Acton John ("Nelson"), 118 John, Brooklyn, N. Y.
Allentown Experimental Work (Steam), Union & W 3rd, Allentown, Pa.
Ambrose Machine Co. ("De Rycke"), Eagle & Provost, Brooklyn, N. Y.
American District Steam Co. (Oil & Water), North Tonawanda, N. Y.
American Laundry Machinery Co., Cincinnati, O.
ANDERSON V. D. CO. ("Anderson"), W 96th, Cleveland, O.
See adv index at end of book
Atwood & Morrill ("XX Century"), 48 Loring av, Salem, Mass.
Austin Separator Co. ("Austin" Oil) 97 Woodbridge W, Detroit, Mich.
Baragwanath Wm. & Son, 53 Jackson blvd, Chicago, Ill.
Central Station Steam Co., 710 Woodbridge Detroit, Mich.
Consolidated Engineering Co. ("Van Auken"), 507 W Jackson blvd, Chicago, Ill.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
d'Este Julian Co. ("Curtis"), 24 Canal, Boston, Mass.
Direct Separator Co. ("Sweet"), Syracuse, N. Y.
Edward Valve & Mfg. Co. ("Edward" Heavy Forged Steel), Edison bldg, Chicago, Ill.
Elliott Co. (Horizontal & Vertical), Pittsburgh, Pa.
Gardner Governor Co. ("Gardner"), 14 Williamson, Quincy, Ill.
Garrett W. D. & Co. ("Garrett," Exhaust Muffler Oil Separator), 126 Liberty, New York
General Condenser Co., Thompson & 12th, Philadelphia, Pa.
GRISCOM-RUSSELL CO. ("Stratton" & "Russell" Live Steam, "Bundy" Exhaust Steam & Oil), 92 West, New York *See adv index at end of book*
Hardie-Tynes Mfg. Co., Birmingham, Ala.
Harrison Safety Boiler Works ("The Cochrane"), 3147 N 17th, Phila., Pa.
Hewes & Phillips Iron Works ("Naylor" Vortex Steam), 8 Orange, Newark, N. J.
Hodgart & Co., 122 S Michigan av, Chicago, Ill.
Hoppes Mfg. Co., Springfield, O.
Hussey-McCann & Co. ("Peerless"), 87 Warren, New York
Ide A. L. & Sons ("Ideal"), Springfield, Ill.
Illinois Engineering Co. ("Eclipse"), 5021 S State, Chicago, Ill.
Imperial Iron Works ("Imperial"), Duluth, Minn.
Jacobs Chas. & Co. ("Lowden"), 258 Franklin, Boston, Mass.
KELLOGG M. W. CO., 90 West, New York *See adv index at end of book*
Kieley & Mueller, 34 W 13th, New York
Koven L. O. & Bro. (Steam), 154 Ogden av, Jersey City, N. J.
See adv index at end of book
KUTZTOWN FOUNDRY & MACHINE CO., (Compound for Steam Boilers), 1421 Chestnut, Philadelphia, Pa.
See adv index at end of book
Linton Machine Co., 26 Cortlandt, New York
Mitchell W. K. & Co. (Steam), 2940 Ellsworth, Phila., Pa.
Monash-Younker Co. ("Monash" Steam Only), 1407 W Jackson blvd, Chicago, Ill.
Munroe R. & Sons Mfg. Corp., 23rd & Smallman, Pittsburgh, Pa.
National Pipe Bending Co. ("National"), New Haven, Conn.
Newhall Geo. M. Engineering Co. **("Baum"), Commercial Trust bldg, Philadelphia, Pa.**
Nicholson W. H. & Co. ("Wyoming" Steam), Wilkes-Barre, Pa.
Ohio Blower Co. ("Swartewout" Vertical), 9300 Detroit av, Cleveland, O.
OIL & WASTE SAVING MACHINE CO. (Oil), Real Estate Trust bldg, Phila., Pa.
Patterson-Kelley Co. ("Patterson" Oil), 26 Cortlandt, New York
Pipe Coiling, Bending & Welding Co., 33 & A. V. R.R., Pittsburgh, Pa.
Pittsburgh Gage & Supply Co. ("Pittsburgh"), 30th & Liberty av, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Power Plant Specialty Co. ("Vater," Two Stage Steam, etc), Monadnock blk, Chicago, Ill.
Providence Steam Trap Co. ("Newton"), 16 Diamond, Providence, R. I.
Provost Engineering Corp., 220 B'way, New York
Robertson Jas. L. & Son ("Hine's" Eliminator), 78 Murray, New York
Ruemmeli-Dawley Mfg. Co., (Steam Only), 3900 Chouteau av, St. Louis, Mo.
Sharkey & Peck, 2433 W 18th, Chicago, Ill.
Simonds Heating & Specialty Co. ("Simonds" Steam Receiver & Separator, overcomes all Steam Pipe Vibration), Grand Rapids, Mich.
Standard Steam Specialty Co. ("Utility"), 542 W B'way, New York
Steam Appliance Co. ("Triumph," "Victor"), Milwaukee, Wis.
Stewart Heater Co. (Separator & Purifier Combined), Buffalo, N. Y.
Strong, Carlisle & Hammond Co. ("Strong"), 336-344 Frankfort av N W, Cleveland, O.
Watson & McDaniel Co. ("W. & McD." and "Jennings" Horizontal & Vertical Steam), 146 N 7th, Phila., Pa.
Webster, Warren & Co. ("The Webster"), Camden, N. J.
WHEELER CONDENSER & ENGINEERING CO. ("Baker" Oil), Carteret, N. J. *See adv index at end of book*
Williams D. T. Valve Co. ("Kookson" Automatic), Cincinnati, O.
Windsor Machine Co., Windsor, Vt.

13314— Separators (Stone)

American Clay Machinery Co., S Walnut, Bucyrus, O.
Brewer H. & Co., Tecumseh, Mich.
Great Western Mfg. Co. (For Separating Stone & Gravel from Wheat), Leavenworth, Kan.
Sturtevant Mill Co. ("Newaygo"), Clayton & Park, Dorchester, Boston, Mass.
Wallace Mfg. Co., Frankfort, Ind.

13315—Separators (Vacuum Oil)

Austin Separator Co., 97 Woodbridge W, Detroit, Mich.

Separators (Waste Oil)

See Separators, Centrifugal

13316—Separators (Water, for Reclaimed Rubber)

American Process Co., 68 William, New York

Separators (Water Gas Tar)

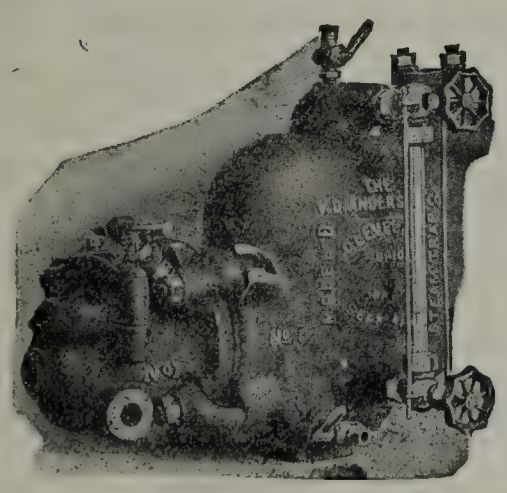
See Separators, Centrifugal

13317— Separators (Wheat)

Blymyer Iron Works Co., Cincinnati, O.
Invincible Grain Cleaner Co., Silver Creek N. Y.
Union Iron Works, Decatur, Ill.
Wolf Co., Chambersburg, Pa.

13317a— Separators (Whey)

Sharples Separator Co., West Chester, Pa.



Steam Trap

ANDERSON SPECIALTIES

AIR and STEAM TRAPS
STEAM and OIL SEPARATORS
WATER COLUMNS OIL FILTERS

Write for further information about any of Our Products

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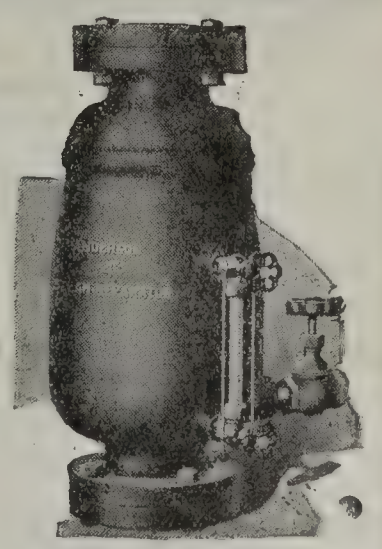


Steam Separator

13318—Separators (Wild Oat)

Ghent Mfg. Co., Ghent, Minn.
Invincible Grain Cleaner Co., Silver Creek, N. Y.
Klauer Mfg. Co., Dubuque, Ia.

Separators (Wool Fat)

See Separators, Centrifugal

13319—Separators & Filters Combined (Oil)

National Separator & Machine Co., Concord, N. H.

13319a— Sets (Desk)

Art Metal Wks., 7 Mulberry, Newark, N. J.
Brass Specialty Co., 1645 No. 10th, Philadelphia, Pa.
Soart W. H. Co., Attleboro, Mass.
Yale Novelty Co. (French Ivory), **Leominster, Mass.**

13320— Sets (Lock)

Sargent & Co., New Haven, Conn.
Taylor & Boggis Foundry Co., (Bathroom) Cleveland, O.

Sets (Manicure)

See Manicure Sets

13321— Sets (Military)

Bass E. & J., Inc., 610 B'way, New York
Yale Novelty Co. (French Ivory), Leominster, Mass.

Sets (Nail, Rivet, Saw, Etc.)

These Specialties are Classified Under Their Descriptive Kinds

13322— Sets (Poker)

Bubeck & Guerin, 161 W 18th, New York
Harris G. H. Co., 61 Clymer, Brooklyn, New York

13323— *Sets (Sheep)

STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

Settees, Chairs, Etc. (Veneered)

See Seating, Veneer

13324— Settees (Gliding)

Goshen Mfg. Co. ("Boyers"), Goshen, Ind.
Steinfeld Bros., 116 W 32d, New York

13325—Settees (Perforated Slat)

Beckley Perforating Co. (Iron Frame), Garwood, N. J.

13326— Settees (Railroad)

See also Seating, Veneer

Ahnapee Veneer & Seating Co., Algoma Wis.
American Seating Co., 14 E Jackson blvd Chicago, Ill.
Frost's Veneer Seating Co., (Ltd.) Sheboygan, Wis.

Settees (Rustic)

See Rustic Woodwork

13327—Settees & Chairs (Iron)

See also Fountains, Vases, etc

Badger Wire & Iron Works, 25th av & Cleveand, Milwaukee, Wis.
Barbee Wire & Iron Works, 170 N Dearborn, Chicago, Ill.
Barnum E. T. Wire & Iron Works, 864 Woodward, Detroit, Mich.
Bayley Wm. Co., Springfield, O.
Belmont Iron Works, 22d & Washington, Phila., Pa.
Brown H. L. Fence & Mfg. Co., Oakley, Cincinnati, O.
Casey-Hedges Co. (Cast Iron Settees), Chattanooga, Tenn.
Champion Iron Co., Kenton, O.
Cincinnati Iron Fence Co. (Also Wire), Cincinnati, O.
Enterprise Iron Works, Indianapolis, Ind.
Fiske J. W. Iron Works, 80 Park pl, New York
Gerdes & Co. (Iron & Steel), 42 Church, New York *See adv index at end of book*
Ginther's J. Sons Co., Buffalo, N. Y.
Grafton Foundry Co., Grafton, Wis.
Hennecke C. Co., 1353 N Pierce, Milwaukee, Wis.
Huntington Iron Works, Huntington, W. Va.
Jones M. D. Co., 73 Portland, Boston, Mass.
Jones Willis H., Utica, N. Y.
Kramer Brothers Foundry Co. ("Capital") Dayton, O.
Lindenschmidt Co., Evansville, Ind.
Ludlow-Saylor Wire Co., Newstead av cor Wabash R R. St. Louis, Mo.
McDonald Foundry (Cast Iron), Columbus, O.
McLean Jno., 440 Water, New York
Mack Iron & Wire Works Co., Sandusky, O.
Meyers Fred. J. Mfg. Co., Hamilton, O. *See adv index at end of book*
Morris Iron & Steel Co. (Cast Iron), Frederick, Md.
Mott J. L. Iron Works, Trenton, N. J.
Oak Hill Marble Works, Birmingham, Ala.
Pettler Steel Mat & Mfg. Co., Beaver Falls, Pa.
Plocher Andrew Sons Co., Dayton, O.
Roanoke Iron & Bridge Works, Inc., Roanoke, Va.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill. *See adv index at end of book*
Smyser, Royer Co., York, Pa.
Swett A. L. Iron Works, Medina, N. Y.
Toy W. M. & Co., 10 E Shelby, Sidney, O.
Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O
Vulcan Co., 11 Raynor, Detroit, Mich.
Wisconsin Iron & Wire Works, Milwaukee, Wis.

13328—Settees & Chairs (Lawn)

Adams Company ("Iron Fence"), Dubuque, Ia.
Badger Wire & Iron Works (Iron), 25th av & Cleveland, Milwaukee, Wis.
Barnum E. T. Wire & Iron Works, 864 Woodward, Detroit, Mich.
Belcher & Taylor Agrl. Tool Co., Chicopee Falls, Mass.
Bernstein Mfg. Co., 3rd & Westmoreland, Phila., Pa.
Buffalo Wire Works Co., (Wire Settees) 453 Terrace, Buffalo, N. Y.
Carriage & Toy Co. (Wood), 741 W Lombard, Baltimore, Md.
Challenge Co. (Steel & Wood), Batavia, Ill.
Combination Ladder Co., 366 Fountain, Providence, R. I.
Donaldson Bros., Mount Clemens, Mich.
Duisdieker Foundry & Mfg. Co., (Cast Iron), Pekin, Ill.
Farquhar A. B. Co. (Ltd.), York, Pa.
Fletcher Furniture Co., Nashua, N. H.
Ford & Johnson Co. (Oak Slats Bolted to Castings), 900 S Michigan av, Chicago, Ill.
Gold Medal Camp Furniture Mfg. Co., (Folding), Racine, Wis.
Grote F. Mfg. Co., Evansville, Ind.
Kalamazoo Sled Co. (Bent Wood, Folding & Swinging), Kalamazoo, Mich.
Lattimer W. H. & Sons (Wooden), Orwell, N. Y.
McLean Jno., 440 Water, New York
Meyers Fred. J. Mfg. Co., Hamilton, O. *See adv index at end of book*
Mitchell Robt. Furniture Co., 616 Race, Cincinnati, O.
Mott J. L. Iron Works (Wood, Iron Frame), Trenton, N. J.
Moulton C. W H. Co., Somerville, Mass.
North Shore Ferneries Co., Beverly, Mass.
Oak Hill Marble Works, Birmingham, Ala.
Ohio Rake Co., Dayton, O.
Readsboro Chair Co., Readsboro, Vt.
Sheboygan Chair Co., Sheboygan, Wis.
Smith John P. & Co. (Wire), New Haven, Conn.
Southern Wire & Iron Works, Atlanta, Ga.
Steinfeld Bros. (Hardwood Folding & Bent Wood Settees & Chairs), 116 W 32d, New York
Stewart Iron Works Co. (Settees), Covington, Ky.
Whitehurst R. W. Mfg. Corp. (Lawn Settees), Norfolk, Va.

13329— Setters (Axle)

Noyes B. B. Co. ("Little Giant," Setter Straightener), Greenfield, Mass.

13330— Setters (Skein)

Williams, White & Co., Moline, Ill.

13331— Setters (Stud)

Errington F. A. (Opening), 39 Cortlandt, New York

13332— Setters (Tire)

See Upsetters, Tire; also Upsetting & Forging Machines

Brooks Machine Co. ("Brooks" Cold), Wichita, Kan.
House Cold Tire Setter Co. ("House" Cold Hydraulic), 4143 Laclede av, St. Louis, Mo.
Houston Car Wheel & Machine Co., Houston, Tex.
Ideal Tire Setter Co., McGehee, Ark.
Keokuk Hydraulic Tire Setter Co. ("Little Giant"), Keokuk, Ia.
Lourie Mfg. Co. ("Hercules," "Scientific," "Perfection" Hydraulic), Springfield, Ill.
Noyes B. B. Co. (Tire & Axle), Greenfield, Mass.
Pay Chas. & Co., 307 S Water, Providence, R. I.
Potts D. H. Co. ("Sun"), Lancaster, Pa.
West Tire Setter Co. ("West" Hydraulic), Rochester, N. Y.

13333— *Settlers (Ore)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*

13334—Sewage Disposal Outfits

Edson Mfg. Co. ("Edson" Odorless), 257 Atlantic av, Boston, Mass.
Merritt Hydraulics Co. ("Merritt"), 110 N Broad, Phila., Pa.
Noble Henry A. Co. ("National" & "The Improved" Odorless), 203 Dock, Phila., Pa.

13335—Sewage Disposal Plants

Andrews Heating Co. ("Andrews" Septic), Minneapolis, Minn.
Ansonia Mfg. Co. (Automatic Ejectors & Controls), 15 Park row, New York
Archer Geo. F. (Bacterial Sewage Systems), 10 E 43d, New York
Aten Sewage Disposal Co., 286 5th av, New York
Bacterial Sewage Purification Co., 2 Wall, New York
Bonnot Co., Canton, O.
Central Foundry Co. (Pipe & Specials for), 90 West, New York
City Wastes Disposal Co., 45 7th av, New York
Dail Steel Products Co., Lansing, Mich.
Economy Pumping Machinery Co., 116 N Carpenter, Chicago, Ill.
Electrolytic Sanitation Co., 53 W Jackson blvd, Chicago, Ill.
Hammond Engineering Co. (Rotary Vacuum Dryers and Inverted Filters), Warren, Pa.
Kewanee Private Utilities Co., West Side, Kewanee, Ill.
Merritt Hydraulics Co. ("Merritt," "Priestman-Beddoes"), 110 N Broad, Phila., Pa.
Modern Iron Works ("Rhodes-Williams" Raw Sewage Syphon), Quincy, Ill.
New York Sewage Disposal Co., 37 E 28th, New York
Pacific Flush Tank Co. (Automatic Air Lock & Syphonic Apparatus), 4241 Ravenswood av, Chicago, Ill.
Priestman Albert ("Merritt" "Priestman-Beddoes"), 328 Chestnut, Philadelphia, Pa.
Russell Sewage Disposal Co., 175 W Jackson blvd, Chicago, Ill.
Waring, Chapman & Farquhar ("Waring" System), 874 B'way, New York
Yeomans Bros. Co. ("Yeomans" System), 231 Institute pl, Chicago, Ill.

13336— Sewage Ejectors

Ansonia Mfg. Co. ("Cooney," "Ansonia" Automatic), 15 Park row, New York
Blaisdell Machinery Co. ("Blaisdell," Automatic), Bradford, Pa.

Chicago Pump Co. ("Duplex" Electric), 906 W Lake, Chicago, Ill.
See adv index at end of book
Economy Pumping Machinery Co. (Pneumatic), 116 N Carpenter, Chicago, Ill.
I. X. L. Pump & Mfg. Co. ("I. X. L."), 957 N 9th, Phila., Pa.
Jenkins Mfg. Co. ("Jenkins"), 20 Vesey, New York
Merritt Hydraulics Co. ("Priestman" Pneumatic, Electric), 110 N Broad, Phila., Pa.
Pacific Flush Tank Co., 4241 Ravenswood av, Chicago, Ill.
Priestman Albert ("Priestman"), 328 Chestnut, Phila., Pa.
Russell Sewage Disposal Co., 175 W Jackson blvd, Chicago, Ill.
Sanitary Mechanical Specialty Co., 157 E 72d, New York
Shone Co. ("Shone"), 231 Institute pl, Chicago, Ill.
Simples Ejector Co., 1050 Randolph, Chicago, Ill.
Tranter Mfg. Co. (Steam), 105 Water, Pittsburgh, Pa.
Walworth Mfg. Co., Boston, Mass.
Wieben John Co. (Automatic), 2051 Lex. av, New York
Yeoman Bros. Co. (Duplex Electric), 231 Institute pl, Chicago, Ill.

Sewer Builders

See Contractors, Building & General

13337—Sewer Couplings & Connections

Buchanan A., Jr. (Soil Pipe), 490 Summer av, Brooklyn, N. Y.
Canton Cement Specialty Co., Canton, O.
Marsh Valve Co., Erie, Pa.

13338—Sewer Manhole Steps

Anderson W. H. Tool & Supply Co., Bush & Macomb, Detroit, Mich.
Co-operative Foundry Co., 207 Junction av, Detroit, Mich.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Maher & Flockhart, 60 Polk, Newark, N. J.

13338a—*Sewer Pipe Strainers

See also Strainers (Gutter)

DONLEY BROS. CO. ("D. B."), 3625 E 74th, Cleveland, O.
See adv index at end of book

Sewer Siphons

See Tanks, Flush

13339—Sewing Machine Attachments

Greist Mfg. Co., New Haven, Conn.
Parsons Mfg. Co., 411 S Clinton, Chicago, Ill.

13340— Sewing Machine Parts & Supplies

Hancock Mfg. Co. (Parts to Specifications), Charlotte, Mich.
Scranton Forging Co., Scranton, Pa.
Sewing Machine Supplies Co., 121 Beach. Boston, Mass.
Smallbone Mfg. Co., 1821 Berteau, Chicago, Ill.

13341—Sewing Machine Woodwork

Kundtz Theodor Co., Elm & Winslow av, Cleveland, O.

13342— Sextants

Keuffel & Esser Co., Hoboken, N. J.
Rupp Michael & Co. (Imported), 112 Broad, New York

13343— Shackles (Anchor)

Fischer & Hayes Rope Co., 602 W Lake, Chicago, Ill.
See adv index at end of book
Gerdes & Co., 42 Church, New York
See adv index at end of book
Marine Hardware-Equipment Co. ("Acme" & "Wheco"), South Portland, Me.
MERRILL BROS., 3 Arnold, Maspeth (Borough of Queens), New York
See adv index at end of book
Thacher Geo. H. & Co., Albany, N. Y.
Weimer Chain & Iron Co. (Screw, etc), Lebanon, Pa.

13344— Shackles (Chain)

Channon Jas. H. Mfg. Co. (Also Anchor Shackles), 227 W Erie, Chicago, Ill.
Fletcher & Crowell Co., Portland, Me.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
Laughlin Thos. Co. (Also Anchor), Portland, Me.
McKay Jas. Co., Pittsburgh, Pa.
McMillan's W. H. Sons, 153 South, New York
Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.
Marine Hardware-Equipment Co. ("Acme" & "Mheco"), South Portland, Me.
MERRILL BROS., 3 Arnold, Maspeth (Borough of Queens), New York
See adv index at end of book
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Ransome-Leach Co. (Steel), 115 B'way, New York
Weimer Chain & Iron Co. (Screw, etc), Lebanon, Pa.
Wilcox Crittenden & Co. (Anchor, Screw & Pin, etc), Middletown, Conn.

13344a—*Shackles (Wire Rope)

MOON GEO. C. CO. ("Crescent"), Garwood, N. J. *See adv index at end of book*

13345— Shade Cloth Mfrs.

Bailey & Weston, 81 Washington, North Boston, Mass.
Bancroft Jos. & Sons Co. (Holland "Sun Fast"), Rockford, Wilmington, Del.
Breneman Chas. W. & Co. ("Brenlin," "Camargo," "Myama"), 2045 Reading rd, Cincinnati, O.
California Shade Cloth Co., 2181 Bryant, San Francisco, Cal.
Cannon Mfg. Co., Concord, N. C.
Chace Mills, Fall River, Mass.
Columbia Mills, Inc. ("Crescent," "Damasko," "Star," "Arrow"), 225 5th av, New York
Columbia Western Mills, Peoria & W 121st, Chicago, Ill.
Covington Mills, Covington, Ga.
Dunson Mills, La Grange, Ga.
Hauser Shade Cloth Co. ("North Star"), Chicago Heights, Ill.
Interlaken Mills, Turks Head bldg, Providence, R. I.
Lonsdale Co., 50 S Main, Providence, R. I.
McLean Andrew Co., Passaic, N. J.
Monoghan Mills, Greenville, S. C.
Oswego Shade Cloth Co. (Chouaguen"), Oswego, N. Y.
Pacific Shade Cloth Co., Oakland, Cal.
Quidnick-Windham Mfg. Co., Willimantic Conn.
Tremont & Suffolk Mills, Lowell, Mass.
Western Shade Cloth Co. ("Victor," "Luxor," "Cambro"), 2100 S Jefferson, Chicago, Ill.
Woodruff Cotton Mills, Woodruff, S. C.

13346— Shade Cord Mfrs.

Samson Cordage Works, 88 Broad, Boston, Mass.
Turner & Stanton Co., Norwich, Conn.

13347— Shades (Aluminum)

Dale Lighting Fixture Co., 107 W 13th, New York
Faries Mfg. Co., Decatur, Ill.
National Metal Stamping & Mfg. Co., 494 Mulberry, Newark, N. J.

Shades (Car)

See Car Curtains & Materials

13348— Shades (Celluloid)

Utility Shade Co., Tenafly, N. J.

13349—Shades (Glass, Pressed or Blown)

Gillinder & Sons, State & Devereaux, Philadelphia, Pa.
Gleason-Tiebout Glass Co., 99 Commercial, Brooklyn, N. Y.
Imperial Glass Co., Bellaire, O.

13350—Shades (Glass & Metal)

A. A. Elect. Mfg. Co. (Zinc), 355 Water, Bridgeport, Conn.
Am. Reflector & Ltg. Co. (Tin), 517 W Jackson blvd, Chicago, Ill.
Bailey Reflector Co., 617 2d av, Pittsburgh, Pa.
Duplex Shade Co. (Tin), Buffalo, N. Y.
Faries Mfg. Co. (Aluminum, Brass), Decatur, Ill.
Frink I. P. (Tin Aluminum, Brass, Zinc, Copper), 24th & 10th av, New York
Goldstein J. (Tin), 232 Pearl, New York
Holophane Glass Co., 340 Madison av, New York
Hubbell Harvey, Inc. (Tin, Aluminum, Brass, Steel), Bridgeport, Conn.
Natural Metal Stamping Mfg. Co. (Tin, Aluminum, Brass, Zinc), 494 Mulberry, Newark, N. J.
Ostrander, W. R. & Co. (Tin, Aluminum), 371 B'way, New York
Overbagh & Ayres Mfg. Co. (Aluminum, Brass, Zinc), 411 S Clinton, Chicago, Ill.
Past Glover Elect. Co., 319 W 4th, Cincinnati, O.
Unique Art Glass & Metal Co., 105 Vanderveer, Brooklyn, N. Y.
Vogel W. & Bros. (Aluminum), 37 S 9th, Brooklyn, N. Y.
Weeks Nelson (Tin), 226 Pacific, Brooklyn, N. Y.
Western Art Glass Shade Wks. (Glass), 105 Turk, San Francisco, Cal.
Western Reflection Co. (Tin), 1053 W Lake, Chicago, Ill.
Wheeler Reflector Co. (Tin), 156 Pearl, Boston, Mass.

13351—Shades (Leaded Glass, Mosaic, Etc.)

Amboy Works, Perth Amboy, N. J.
Art Glass Mfg. Co., 128 Mott, New York
Art Shade Co., 224 N Desplaines, Chicago, Ill.
Bayley & Sons, 105 Vandeveer, B'rklyn, N. Y.
Bent Glass Novelty Co., 22 Wooster, New York
Braunstein Bros. Co., 124 Wooster, New York
Daggett & Curry Co., Waltham, Mass.
Doric Art Glass Co., Minneapolis, Minn.
Gudeman & Co., 19 W 36th, New York
Handel Co., Meriden, Conn.
Ideal Art Bent Glass Co., 407 Broome, New York
Imperial Art Glass & Lamp Works, 205 W 19th, New York
Int'n'l Shade Co., Springfield, Mass.
Kramer Bros. & Co., 585 B'way, New York
Lynch Geo. C. Co., 236 5th av, New York
MacDonald Donald N., 503 Medford, Boston, Mass.
Mosaic Shade Co., 1512 S Michigan av, Chicago, Ill.
Mutual Lamp Mfg. Co., 21 E Houston, New York
Northwestern Art Shade Co., 549 Fulton, Chicago, Ill.
Novelty Art Glass Co., 415 Federal, Pittsburgh, Pa.
Opalescent Bent Glass Co. (Opalescent Art Glass Co., mfrs. Lamp Shades), 106 7th av, New York
Rainaud H. E. Co., Meriden, Conn.
Royal Art Glass Co., 243 Canal, New York
Salem Bros. 122 Centre, New York
Standard Art Glass Co., 237 Lafayette, New York
Stavenhagen W. H. Co., 447 W 26th, New York
Tiffany Studios, 361 Madison av, New York
Unique Art Glass & Metal Co. ("Imperial"), 105 Vanderveer, Brooklyn, N. Y.
Warner C. B. & J., 138 W 14th, New York
Western Art Glass Shade Wks., 105 Turk, San Fraancisco, Cal.

13352—Shades (Mirror Lined)

Bailey Reflector Co., 617 2d av, Pittsburgh, Pa.

13353— Shades (Paper)

Bloch L. D. & Co., 157 5th av, New York
Franke George Sons Co. (Lamp), 112 So Eutaw, Baltimore, Md.

SHADES (PAPER)—continued
Mayer Willy & Co., 41 Union sq, New York
Savoy Art Co. (Silk & Paper), (Savoy Art Co., Mfrs. Lamp Shades), 13 W 20th, New York
Utility Shade Co., Tenafly, N. J.
Whaley J. A. & Co., 118 5th av, New York
Will & Baumer Co., 139 Madison av, New York

13354— Shades (Porch)

Aeroshade Co. ("Aerolux"), Waukesha, Wis.
Comey R. H. Co. ("Komi" Porch Curtains), Camden, N. J.
Gary Theo. H. Co. (Imp.), 67 Irving pl, New York
Hough Shade Corporation ("Vudor"), Janesville, Wis.
Leipzig A. (Bamboo, etc), 127 W 17th, New York

13355— Shades (Silk)

Art Lamp Mfg. Co. (Silk), 1258 W 15th, Chicago, Ill.
Dale Lighting Fixture Co., 107 W 13th, New York
Fixture Specialty Co., Los Angeles, Cal.
Gudeman & Co. (Silk & Cretonne Shades & Domes), 19 W 36th, New York
Lynch Geo. C. Co., 236 5th av, New York
Marqulz M. (Silk), 37 S Wabash, Chicago, Ill.
Morisnura Bros., 55 W 23d, New York
Royal Lamp Shade Co. (Silk Cretonne), 39 E 19th, New York
Schaeffer Max Co. (Silk), 26 Warren, New York
Starr's Mica Co., Oswego, N. Y.
Straus-Hohenstein Co., 132 W 21st, New York
Tauzon Furniture Co. (Silk), Grand Rapids, Mich.
Unique Art Glass & Metal Co., 105 Vanderveer, Brooklyn, N. Y.
United Arts & Crafts Workers, 129 5th av, New York
Utility Shade Co. (Also Linen), Tenafly, N. J.
Waldo Co., 45 E 20th, New York
Whaley J. A. & Co., 118 5th av, New York
Will & Baumer Co., 139 Madison av, New York

13356—Shades (Trolley Vestibule)

A. A. Elec. Mfg. Co. (Shades, Trolley, Vestibule), 355 Water, Bridgeport, Conn.
Adams-Bagnall Elec. Co., Platt av, Cleveland, O.
Baltimore Enamel & Novelty Co., Baltimore, Md.
Benjamin Elec. Mfg. Co., 120-128 S Sangamon, Chicago, Ill.
Burr Mfg. Co., Cleveland, O.
Central Elec. Co., 320 S 5th av, Chicago, Ill.
Cusack T. Co., 1312 W Harrison, Chicago, Ill.
Cutter Geo. Co., 415 Notre Dame, South Bend, Ind.
Dunlap John Co., Gregg, Pittsburgh, Pa.
Electric Service Supplies Co., 17th & Cambria, Phila., Pa.
Enamel Products Co., Cleveland, O.
Federal Sign System, 640 W Lake, Chicago, Ill.
Frink I. P., 24th & 10th av, New York
Herwig Art Shade & Lamp Co., 2140 N Halstead, Chicago, Ill.
Hubbell, Inc., Harvey, Bridgeport, Conn
Ivanhoe Regent Wks. of G. E. Co., Cleveland, O.
National Metal Stamping & Mfg. Co., 494 Mulberry, Newark, N. J.
Phila. Elec. & Mfg. Co., 1236 N 31st, Phila., Pa.
Reynolds Elect. Co., 421 S Talman av, Chicago, Ill.
Royal Enameling & Mfg. Co., Chicago, Ill.
Wheeler Reflector Co., 156 Pearl, Boston, Mass.
Wood C. D. Elec. Co., 441 B'way, New York

13357—Shades & Reflectors (Glass or Porcelain)

Cleveland Window Glass & Door Co., 209 Champlain av, N W, Cleveland, O.
Consolidated Lamp & Glass Co. ("Cora," "Aurora," "Pastelle," "Rosedore"), Coraopolis, Pa.
Corning Glass Works (Prismatic, Spherical & Parabolic Reflectors), Corning, N. Y.
Dayton Art Glass Works (Art Glass), Dayton, O.
Gill Bros. Co. ("Parian"), Steubenville, O.
Gill & Co. (Washington Flint Glass Works), E York & Thompson, Phila., Pa.
Gillinder & Sons ("Melibite"), State & Devereaux, Philadelphia, Pa.
Gleason-Tiebout Glass Co. (Glass Globes), 99 Commercial, Brooklyn, N. Y.
Haskins Glass Co., Martins Ferry, O.
Holophane Glass Co. ("Holophane"), 340 Madison av, New York
Imperial Glass Co., Bellaire, O.
Jefferson Glass Co. ("Luceo" Glass), Follansbee, W. Va.
Kirchberger M. & Co. (Imp.), 116 E 27th, New York
Luminous Specialty Co. (Elec. Light Reflectors), Indianapolis, Ind.
Macbeth-Evans Glass Co. ("Alba"), Wabash bldg, Pittsburgh, Pa.
National X-Ray Reflector Co., 233 W Jackson blvd, Chicago, Ill.
Neuhauser D. L. (Glass Shades Only), 326 W Grand av, Chicago, Ill.
Opalux Co. ("Opalux"), 200 5th av, New York
Pairpoint Corp'n, New Bedford, Mass.
Phoenix Glass Co. ("Electric & Gas"), 2d Nat'l Bank bldg, Pittsburgh, Pa.
Star Glass Co. (Glass), Star City, W. Va.
Straight Filament Lamp Co., 42 E 23d, New York
Sunlight Reflector Co., 226 Pacific, Brooklyn, N. Y.
Unique Art Glass & Metal Co., 105 Vanderveer, Brooklyn, N. Y.
Whaley J. A. & Co., 118 5th av, New York

13358—Shades & Reflectors (Metallic)

Adams-Bagnall Electric Co. (For Mfg. Plants), Cleveland, O.
American Reflector & Lighting Co. ("Paragon"), 517 W Jackson blvd, Chicago, Ill.
Bailey Reflector Co., 617 2d av, Pittsburgh, Pa.
Baltimore Enamel & Novelty Co., Woodall, Baltimore, Md.
BENJAMIN ELECTRIC MFG. CO., 128 S Sangamon, Chicago, Ill.
See adv index at end of book
Boesch Lamp Co., 962 Mission, San Francisco, Cal.
Chandlee H. P. Sons Co. (Small Tin), 114 W Lombard, Baltimore, Md.
Chicago Lamp & Fixture Co., 411 S Sangamon, Chicago, Ill.
Curtis-Leger Fixture Co. ("Scoop," "Helmet," "Bee Hive," "Poke Bonnet," Window Reflector), 235 W Jackson blvd, Chicago, Ill.
Cutter George Co., South Bend, Ind.
Dale Lighting Fixture Co., 107 W 13th, New York
Dunlap John Co., Gregg, Pittsburgh, Pa.
Enamel Products Co., Eddy rd & Taft av, Cleveland, O.
Erickson L. Electric Co., 6 Portland, Boston, Mass.
Faries Mfg. Co., Decatur, Ill.
Federal Sign System, Lake & Desplaines, Chicago, Ill.
Frink I. P., Inc., 10th av & 24th, New York
Goldstein Jos. (Est. of), 323 Pearl, New York
Harter Mfg. Co., 524 S Clinton, Chicago, Ill.
Herwig Art Shade & Lamp Co., 2140 N Halsted, Chicago, Ill.
See adv index at end of book
Hubbell Harvey, Bridgeport, Conn.
Ivanhoe-Regent Works of General Electric Works (Lamp), Cleveland, O.
Klemm & Co., 132 N 5th, Phila., Pa.
McLeod, Ward & Co., 430 11th av, New York
National Metal Stamping & Mfg. Co. ("Marten," "Tidman"), 494 Mulberry, Newark, N. J.
Ostrander W. R. & Co., 371 B'way, New York
Overbagh & Ayres Mfg. Co. ("Omaco" Show Case Reflectors), 411 S Clinton, Chicago, Ill.
P. R. Mfg. Co. ("Hartwig"), Detroit, Mich.
Peerless Light Co., 174 W Randolph, Chicago, Ill.
Phila., Electrical & Mfg. Co., 1236 N 31st, Phila., Pa.
Pittsburgh Reflector & Illuminating Co., Pittsburgh, Pa.
Plume & Atwood Mfg. Co. ("Plumwood"), Waterbury, Conn.
Royal Enameling Mfg. Co., Des Plaines, Ill.
Troy Stamping Works, Troy, N. Y.
Vogel W. & Bros., 37 S 9th, Brooklyn, N. Y.
Warshavsky A. W., 187 B'way, Brooklyn, N. Y.
Western Reflector Co., 1053 W Lake, Chicago, Ill.
Wheeler Reflector Co. ("Para-Steel" "Wheeler"), 156 Pearl, Boston, Mass.
Wood C. D. Electric Co. ("Prima" Enam. Steel Imp), 441 B'way, New York

13359—Shades & Reflectors (Mirror)

American Reflector & Lighting Co. ("Paragon"), 517 W Jackson blvd, Chicago, Ill.
Bailey Reflector Co., 617 2d av, Pittsburgh, Pa.
Frink I. P. Inc., 10th av & 24th, New York
Klemm & Co. ("Diamond"), 132 N 5th, Phila., Pa.
National X-Ray Reflector Co. ("Scoop"), 233 W Jackson blvd, Chicago, Ill.
Overbagh & Ayres Mfg. Co. ("Omaco"), 411 S Clinton, Chicago, Ill.
Pennsylvania Glass Mfg. Co., 404 Diamond, Pittsburgh, Pa.
Pittsburgh Reflector & Illuminating Co., Pittsburgh, Pa.
Sunlight Reflector Co., 226 Pacific, Brooklyn, N. Y.
Weeks Nelson, 226 Pacific, Brooklyn, N. Y.
Western Reflector Co., 1053 W Lake, Chicago, Ill.
Wheeler Reflector Co. ("Wheeler"), 156 Pearl, Boston, Mass.

13359a— *Shafting

Latshaw Steel & Metal Products Corp., 220 B'way, New York
See adv index at end of book

13360—Shafting (Cold Drawn Steel)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
American Tool & Machine Co., 10 High Boston, Mass.
Cambria Steel Co., Widener bldg, Phila., Pa.
Columbia Steel & Shafting Co., Pittsburgh, Pa.
Compressed Steel Shafting Co., 393 Dorchester av, Boston, Mass.
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Falls Clutch & Machinery Co., Cuyahoga Falls, Ohio
Frasse Peter A. & Co., Inc., 417 Canal, New York, Works: Hartford, Conn.
See adv index at end of book
Jones & Laughlin Steel Co. (Also Cold Rolled), Ross, Pittsburgh, Pa.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
National Tube Co., Frick bldg, Pittsburgh, Pa.
Pardee C. Works, Perth Amboy, N. J.
Pennsylvania Shafting Co., Spring City, Pa.
Republic Iron & Steel Co., Youngstown, O.
Standard Gauge Steel Co., Beaver Falls, Pa.
Union Drawn Steel Co., Beaver Falls, Pa.
Walker Mfg. Co. ("Walker" Cold Rolled), Denver, Colo.

13361— Shafting Collars

American Bridge Co., 30 Church, New York
American Tool & Machine Co., 10 High, Boston, Mass.
Bond Foundry & Machine Co., Manheim, Pa.
Brown A. & F. Co., 79 Barclay, New York.

Chain Belt Co., Milwaukee, Wis.
Cresson-Morris Co., Allegheney & 18th, Philadelphia, Pa.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Erie Forge Co., Erie, Pa.
Estes E. B. & Sons (Wooden), 364 5th av, New York *See adv index at end of book*
FAIRBANKS CO., 416 Broome, New York.
For branch houses see Alphabetical Section
Falls Clutch & Machinery Co., Cuyahoga Falls, Ohio
Great Western Mfg. Co., Leavenworth, Kans.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Huntsville Foundry & Machine Co. (Nolan & Jones, Props.), Huntsville, Ala.
Jones & Laughlin Steel Co. (Steel, Loose, etc), Ross, Pittsburgh, Pa.
Keystone Drop Forge Works (Drop Forged, Blanks, etc), Chester, Pa.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R. Ry., Phila., Pa.
See adv index at end of book
Medart Patent Pulley Co. (Plain or Safety Type), 3500 De Kalb, St. Louis, Mo.
Middletown Machine Co., Middletown, O.
Nordyke & Marmon Co., 1296 Kentucky av, Indianapolis, Ind.
Plamondon A. Mfg. Co., 12 N Clinton, Chicago, Ill.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Rhode Island Tool Co. (Cold Punched), Providence, R. I.
Royersford Foundry & Machine Co. (Solid & Split), Royersford, Pa.
Standard Pressed Steel Co. ("Hallowell," Cold Rolled Steel), 20th & Clearfield, Phila., Pa.
Valley Iron Works (Cast Iron), Williamsport, Pa.
Walker Mfg. Co., Denver, Colo.
Webster Mfg. Co., Tiffin, Ohio
Williams J. H. & Co. (Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book
Wolf Co. (Safety Set, etc), Chambersburg, Pa.
Wood's T. B. Sons Co. (Safety Set), Chambersburg, Pa.

13362—Shafting (Heavy Forged Steel)

Bethlehem Steel Co. (Solid or Hollow), South Bethlehem, Pa.
Boston Forge Co., E Boston, Mass.
Cambria Steel Co., Widener bldg, Phila., Pa.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
JOHNSTON & JENNINGS CO., Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book
Philadelphia Steel & Forge Co., 50 Church, New York
Pittsburgh Forge & Iron Co., Chamber of Commerce bldg, Pittsburgh, Pa.
Reading Iron Co., Reading, Pa.
Sizer Forge Co., 238 Larkin, Buffalo, N. Y.
Standard Forgings Co., 80 E Jackson blvd, Chicago, Ill.
Tioga Steel & Iron Co., Phila., Pa.
Titusville Forge Co., Titusville, Pa.
Wharton Wm. Jr. & Co. Inc., Easton, Pa.

13363—Shafting (Hollow Seamless Steel)

National Tube Co. ("Shelby"), Frick bldg, Pittsburgh, Pa.

13364—Shafting (Iron & Steel)

The Firms under this heading all Roll Shafting
Alloy Steel Products Corp, 30 Church, New York
See adv index at end of book
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Portables) Binghamton, N. Y.
Bethlehem Steel Co., So. Bethlehem, Pa.
Braeburn Steel Co. (Steel Only), Braeburn, Pa.
Cambria Steel Co. (Steel Only), Widener bldg, Phila., Pa.
Cumberland Steel Co. (Turned & Ground Steel), Cumberland, Md.
Erie Forge Co. (Steel), Erie, Pa.
Illinois Steel Co. (Steel Only), 208 S La Salle, Chicago, Ill.
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
Judson Mfg. Co. (Iron), 819 Folsom, San Francisco, Cal.
Laclede Steel Co., Federal Reserve Bank bldg, St. Louis, Mo.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Reading Iron Co., Reading, Pa.
Titusville Forge Co., Titusville, Pa.
WARD'S EDGAR T. SONS CO., 44-54 Farnsworth, Boston, Mass.
See adv index at end of book

13365—Shafting (Polished Steel)

AMERICAN STEEL & WIRE CO., 208 E La Salle, Chicago, Ill.
See adv index at end of book
American Tool & Machine Co., 10 High, Boston, Mass.
Bethlehem Steel Co., So. Bethlehem, Pa.
Bliss & Laughlin (Keyseated & Fitted with Couplings), Harvey, Ill.
Blum Julius & Co., 510 W 24th, New York
Brightman Mfg. Co. (1-4" to 1 3-16"), Columbus, O.
Brown A. & F. Co., 79 Barclay, New York.
Cambria Steel Co., Widener bldg, Phila., Pa.
Columbia Steel & Shafting Co., Pittsburgh, Pa.
Compressed Steel Shafting Co., 393 Dorchester av, S. Boston, Mass.
Cresson-Morris Co., Allegheny & 18th, Philadelphia, Pa.
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Cumberland Steel Co. (Turned & Ground), Cumberland, Md.
Fitzsimons & Co., 2496 B'way, S E, Cleveland, O.
Fitzsimons Co., Youngstown, O.
Frasse Peter A. & Co. Inc., 417 Canal, New York. Works: Hartford, Conn.
See adv index at end of book
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Latshaw Steel & Metal Products Corp., 220 B'way, New York
See adv index at end of book

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
Pardee C. Works, Perth Amboy, N. J.
Penn Shafting Co., Spring City, Pa.
Republic Iron & Steel Co. ("Acme"), Youngstown, O.
Standard Gauge Steel Co., Beaver Falls, Pa.
Union Drawn Steel Co., Beaver Falls, Pa.
WARD'S EDGAR T. SONS CO., 304 Hudson, New York

13366— Shafting (Turned)

ALLIS-CHALMERS MFG. CO. (Steel), Milwaukee, Wis.
American Tool & Machine Co. (Iron & Steel), 10 High, Boston, Mass.
Brightman Machine Co., Cleveland, O.
Brightman Mfg. Co. (1 1-4" to 6"), Columbus, O.
Brown A. & F. Co. (Steel), 79 Barclay, New York
Columbia Steel & Shafting Co., Pittsburgh, Pa.
Cumberland Steel Co. (Turned & Ground Steel), Cumberland, Mu.
Dick R. & J. Ltd., Passaic, N. J.
Great Western Mfg. Co., Leavenworth, Kans.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Holyoke Machine Co., Worcester, Mass.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R. Ry., Phila., Pa.
See adv index at end of book
Medart Patent Pulley Co. (Steel), 3500 De Kalb, St. Louis, Mo.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Pardee C. Works, Perth Amboy, N. J.
Sizer Forge Co., 238 Larkin, Buffalo, N. Y.
Standard Gauge Steel Co., Beaver Falls, Pa.
Titusville Forge Co. (Forged 10 lbs. to 30 Tons), Titusville, Pa.
Union Drawn Steel Co. (Steel), Beaver Falls, Pa.
Walker Mfg. Co., Denver, Colo.

13366a—*Shafting (Turned Steel, Cold Rolled)

Frasse Peter A. & Co. Inc., 417 Canal, New York
See adv index at end of book

13367—Shafting (Yellow Metal)

Taunton-New Bedford Copper Co., Taunton, Mass.

13368— Shafts (Cam)

Anderson Forge & Machine Co., Detroit, Mich.
Atlas Drop Forge Co., Lansing, Mich.
Camden Forge Co., Camden, N. J.
Commercial Machine Co., Dunkirk, N. Y.
Driggs-Seabury Ordnance Co., Sharon, Pa.
Hibbard Engineering Co., Maj. bldg, Detroit, Mich.
Indianapolis Drop Forging Co., Indianapolis, Ind.
Jackson Motor Shaft Co., Jackson, Mich.
Laclede Steel Co., Federal Reserve Bank bldg, St. Louis, Mo.
Ladish Drop Forge Co., Cudahy, Wis.
McKay James Co., Pittsburgh, Pa.
Muskegon Motor Specialties Co., Muskegon, Mich.
National Engineering Co., Saginaw, Mich.
Norton Grinding Co., Worcester, Mass.
Obenberger Drop Forge Co., 220 Lake, Milwaukee, Wis.
Peninsular Auto Parts Co., Detroit, Mich.
Steel Products Co., 2206 Clarkwood rd, Cleveland, Ohio
Transue & Williams Steel Forging Corp., Alliance, O.
Vulcan Steam Forging Co., Inc., 251 Rano, Buffalo, N. Y.
Western Drop Forge Co., P. O. Box 386, Marion, Ind.
Western Tool & Forge Co., Brackenridge, Pa.

13369— Shafts (Flexible)

Almond T. R. Mfg. Co. ("Almond" Flexible Electric), Ashburnham, Mass.
Breeze Carbureter Co., 250 South, Newark, N. J.
Chicago Flexible Shaft Co., 5600 W 12th, Chicago, Ill.
Coates Clipper Mfg. Co. ("Coates" Unit Link), Worcester, Mass.

SHAFTS (FLEXIBLE)—continued

FISCHER CHAS. SPRING CO., 473 Kent av, Brooklyn, N. Y.

GEM MFG. CO. ("Gem" Motor Driven), Goebel, nr Fulton, N S. Pittsburgh, Pa. *See adv index at end of book*

Haskins R. G. ("Strand"), 547 W Washington blvd, Chicago, Ill.

Plank Flexible Shaft Machine Co. Grand Rapids, Mich.

Stow Mfg. Co., Binghamton, N. Y.

Webb Mfg Co., ft. of Center, Newark, N. J. *See adv index at end of book*

Williams J. H. & Co. (Forgings), 31 Richards, B'klyn, N. Y. *See adv index at end of book*

Stow Flexible Shaft Co., 26th & Callowhill, Philadelphia, Pa.

Strand N. A. & Co., 631 W. Jackson blvd, Chicago, Ill.

WE MAKE

FLEXIBLE SHAFTS

and WIRE BELTS for indicating and recording instruments

ALSO BUFFING AND POLISHING OUTFITS

Catalogue on request

WEBB MFG. CO., Ft. of Centre St. Newark, N.J.

13370— Shafts (Golf Stick)

Dickinson Chas. W., Ypsilanti, Mich.

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

International Golf Shaft Co., Dayton, O.

Minton T. W. & Son, Barbourville, Ky.

STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

13371— Shafts (Jack)

American Tool & Machine Co., 10 High, Boston, Mass.

Dice Machine Co., Anderson, Ind.

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa. *See adv index at end of book*

Muncie Gear Works, Muncie, Ind.

Russell Motor Axle Co., North Detroit, Mich.

Timken Detroit & Axle Co., Clark av, Detroit, Mich.

13371a— Shafts (Key Seated)

Standard Gauge Steel Co., Beaver Falls, Pa.

13372—Shafts (Key Seating)

American Tool & Machine Co., 10 High, Boston, Mass.

Dodge Sales & Engineering Co., Mishawaka, Ind.

Hill Clutch Co., 1000 W 58th, Cleveland, O.

Judson Mfg. Co., 819 Folsom, San Francisco, Cal.

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa. *See adv index at end of book*

Lockhart Iron & Steel Co., McKees Rocks, Pa.

Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.

Pardee C. Works (Planished), Perth Amboy, N. J.

Reading Iron Co., Reading, Pa.

Republic Iron & Steel Co., Youngstown, O.

SIMMONS MACHINE CO. INC., 987 B'way, Albany, N. Y. *See adv index at end of book*

Standard Gauge Steel Co., Beaver Falls, Pa.

Union Drawn Steel Co., Beaver Falls, Pa.

13373—Shafts (Phosphor Bronze)

Phosphor Bronze Smelting Co., 2200 Washington av, Philadelphia, Pa.

13374—Shafts & Poles (Carriage & Wagon)

Brown S. N. & Co., Dayton, O.

Buckeye Handle, Gear & Bending Co., Alliance O.

Buckley J. Hub, Spoke & Wheel Co., 969 N 2nd, Philadelphia, Pa.

Campbell & Dann Mfg. Co., Tullahoma, Tenn.

Carriage Woodstock Co., Owensboro, Ky.

Cartier A. E. Sons Co., Ludington, Mich.

Coopersburg Bending Works, Coopersburg, Pa.

Crane & MacMahon, 10 Bridge, New York

Dann Bros. & Co., New Haven, Conn.

Donges John & Co., Hamilton, O.

Dugger & Goshorn (Poles), Memphis, Tenn.

Empire Bending Works (Shafts Only), Lancaster, Pa.

Gillett E. A. & Sons, Charlestown, Boston, Mass.

Gillette C. H., Indianapolis, Ind.

Gillette W. H. Mfg. Co. (Ironed & Unironed), Louisville, Ky.

Hartzell Geo. W., Dayton, O.

Holt Bros. Mfg. Co., Concord, N. H.

Hoyt John Co., Delaware, N. J.

Kentucky Rim & Shaft Co., Louisville, Ky.

Lamb-Fish Lumber Co., Charleston, Miss.

Lebzeiter P. & Son Co., Lancaster, Pa.

Leippe's Jacob A. Sons, Reading, Pa.

Leonard F. B. & Co., Metropolis, Ill.

Love Wagon Co., Durant, Miss.

Metropolis Bending Co., Metropolis, Ill.

Mills Ellsworth Co., Keokuk, Ia.

Minton T. W. & Son, Barbourville, Ky.

Pioneer Pole & Shaft Co., Piqua, O.

Racine General Mfr. Co., Racine, Wis.

Reuter Hub & Spoke Co., Dexter, Mo.

Shepard H. G. & Sons, New Haven, Conn.

Sidney Mfg. Co., Sidney, O.

Sp'inger Bros. Mfg. Co., Edwardsville, Ill.

Thomasville Spoke Works Co., Thomasville, N. C.

Union Bending Works, Collins, O.

Warner Pole & Top Co., 1648-50 Central av, Cincinnati, O.

Waterloo Bending Co., Waterloo, Ind.

13375— Shakers

Ray Geo. A. Mfg. Co. (Lemonade, Pepper, Sugar, etc), Buffalo, N. Y.

Sutterley G. T. & Co., 23d & Hamilton, Phila., Pa.

Tyler W. S. Co. (Testing Sieve), Cleveland, O. *See adv index at end of book*

13376—Shakers (Locomotive Grate)

Franklin Railway Supply Co. ("Franklin" Power), 30 Church, New York

Hansell Grate Co., 20 E Jackson blvd, Chicago, Ill.

13377—Shakers (Pepper & Salt)

Cassady Fairbank Mfg. Co. (Aluminum), 6126 S La Salle, Chicago, Ill.

Fargo E. A. Co. (Aluminum), Taunton, Mass.

Palmer-Corcoran Co., N Ashland av, Chicago, Ill.

Standard Aluminum Co. (Aluminum), Two Rivers, Wis.

13378— Shampoos

Edwardsville Brass Co., Edwardsville, Ill.

13379— Shanks (Button)

Atlas Button Works, 22 W 22d, New York

Grammes L. F. & Sons, Allentown, Pa. *See adv index at end of book*

13380—Shanks (Ladle Carrying)

P. & O. Supply Co., Hanover & Florida, Milwaukee, Wis.

13381— Shanks (Shoe)

Churchill & Allen, Lynn, Mass.

National Tack Co., East Bridgewater, Mass.

Rochester Shank Co., Rochester, N. Y.

Stevens & Willis Co., South Braintree, Mass.

13382—Shapes (Pressed Metal)

ACKLIN STAMPING CO., 1659 Dorr, Toledo, O. *See adv index at end of book*

American Pulley Co., 114 S Clinton, Chicago, Ill.

American Sheet Metal Stamping Corp., Lehigh av & Mutter, Phila., Pa.

Boston Pressed Metal Co., 169 Union, Worcester, Mass.

Globe Machine & Stamping Co. (To Order) 1250 W 76th, Cleveland, O.

Heltzel Steel Form & Iron Co., Warren, O. *See adv index at end of book*

Roe & Conover, 206 Frelinghuysen av, Newark, N. J. *See adv index at end of book*

13383—Shares (Plow, Lister, Etc.)

Avery B. F. & Sons, Louisville, Ky.

Brown-Manly Plow Co., Malta, O.

Brown Mfg. Co., Zanesville, O.

Crescent Forge & Shovel Co., Havana, Ill.

Harriman Mfg. Co., Harriman, Tenn.

Kilbourne & Jacobs Mfg. Co., Columbus, O.

Mason F. C. & Co., St. Johns, Mich.

Noll Bros., 849 Allis, Milwaukee, Wis.

Ohio Cultivator Co., Bellevue, O.

Star Mfg. Co. (Steel), Carpentersville, Ill.

13383a—*Sharpeners (Cutter Saw)

See also Sharpeners (Saw)

GREENFIELD TAP & DIE CORP., Greenfield, Mass. *See adv index at end of book*

13384— Sharpeners (Disc)

Clizbe Bros. Mfg. Co. (Plymouth), Plymouth, Ind.

Durner A. E. ("Little Wonder," "Giant Wonder"), Evansville, Wis.

Gould Balance Valve Co. ("Dow" Cold Rolling), Kellogg, Ia.

Herschel R. Mfg. Co. ("Reliable"), Peoria, Ill.

Monmouth Plow Factory, Monmouth, Ill.

Murray Iron Works Co. ("Monarch"), Central av & Washington, Burlington, Iowa

Rock Island Plow Co., Rock Island, Ill.

Schofield & Co. ("Daisy"), Freeport, Ill.

Skow Mfg. Co. ("Skow" Rotary), Newton, Iowa

Walker Mfg. Co. ("Novelty"), Council Bluffs, Ia.

13385— Sharpeners (Dowel)

Stanley Rule & Level Co. (Wood), New Britain, Conn.

Sharpeners (Drill)

See Drill Sharpening Machines

13385a— Sharpeners (Drill Bit)

Sullivan Machinery Co., Peoples Gas bldg, Chicago, Ill.

13386—Sharpeners (Drill Steel)

See also Drill Sharpening Machines

INGERSOLL-RAND CO. ("Leyner"), 11 B'way, New York *See adv index at end of book*

13386a— Sharpeners (File)

MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*

13387— Sharpeners (Knife)

American Cutlery Co. ("Only"), 764 Mather, Chicago, Ill.

Carborundum Co. ("Carborundum"), Niagara Falls, N. Y.

Cassady Fairbank Mfg. Co. (Emery & Corundum), 6126 S La Salle, Chicago, Ill.

Holley Co., 21 Elm, Rochester, N. Y.

Johnson E. P. Rule Mfg. Co. (Reel), 565 Washington blvd, Chicago, Ill.

White Ira F. & Son Co., Bloomfield, N. J.

13388—Sharpeners (Lawn Mower)

Atlas Engineering Co., Amherst, O.
See adv index at end of book
Cleveland Osborn Mfg. Co., 5405 E Hamilton, Cleveland, Ohio
Coldwell Lawn Mower Co. ("Coldwell"), Newburgh, N. Y.
Hampden Corundum Wheel Co., Brightwood, Springfield, Mass.
National Machine & Stamping Co., Detroit, Mich.
Pike Mfg. Co. ("Pyke's"), Pike, N. H.
Root-Heath Mfg. Co. ("Favorite," "Ideal" Grinder), Plymouth, O.
Royal Mfg. Co., Denckla bldg, Phila, Pa.

Sharpeners (Mower Knife)

See Grinders, Sickle & Mower Knife

13389— Sharpeners (Pencil)

Automatic Pencil Sharpener Co., 58 E Washington, Chicago, Ill.
Boston Specialty Corp. ("Boston"), 261 B'way, New York
Cook F. H. & Co. ("Gem"), Leominster, Mass.
Crescent Mfg. Co., Fremont, O.
Dick A. B. Co., 736 W Jackson blvd, Chicago, Ill.
New Era Mfg. Co., 450 4th av, New York
Roneo Co. ("Roneo" Automatic), 117 Leonard, New York
Searight Mfg. Co. ("See-Rite"), 143 Columbia W, Detroit, Mich.
Specialty Mfg. Co., Decatur, Ill.
Spiro C. Mfg. Co. ("Rapid"), 68 E 131st, New York
Webster F. S. Co. ("Webster"), 340 Congregational, Boston, Mass.
Whitacre-Goshert Co. ("Little Yankee"), Rockford, Ill.

13390-1-2—Sharpeners (Plow Blade)

Strite Governor Pulley Co. ("Justrite"), 307 S 3rd, Minneapolis, Minn.

Sharpeners (Rock Drill)

See Drill Sharpening Machines

13393— Sharpeners (Saw)

See also Saw Sharpening Machines; also Band Saw Filing & Setting Machines; also Saw Filing & Setting Machines
Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Clizbe Bros. Mfg. Co. ("Crown"), Plymouth, Ind.
Covel Mfg. Co. (Band Saw, etc), Benton Harbor, Mich.
Disston Henry & Sons (Inc.), Tacony, Phila., Pa.
Greenfield Tap & Die Corp. ("Nutter & Barnes"), (Double Automatic, Plain Automatic), Greenfield, Mass.
See adv index at end of book
Hanchett Swage Wks. ("Hanchett" Automatic), Big Rapids, Mich.
Nutter & Barnes Co. (Automatic), Hinsdale, N. H.
Riverside Machine Works ("Crescent"), Kokomo, Ind.
Rotary File & Machine Co. ("Ideal"), 176 N 4th, Brooklyn, N. Y.
Rothfuss-Howard Iron Wks, Williamsport, Pa.
Star Corundum Wheel Co., 241 Cavalry av, Detroit, Mich.
Wilkinson A. J. & Co. ("Elkins" Saw Filler), 184 Washington, Boston, Mass.

13394—Sharpeners (Shoe Knife)

United Shoe Machinery Co. ("U. S. M. C."), 205 Lincoln, Boston, Mass.

13395— Sharpeners (Skate)

Cleveland Osborn Mfg. Co. ("File 'em Quick"), 5405 E Hamilton, Cleveland, Ohio
Luther Grinder Mfg. Co. (Bench Skate Grinder Attachment), 285 So Water, Milwaukee, Wis.

13396— Sharpeners (Swage)

Disston Hy. & Sons (For Band & Gang Saws), Tacony, Phila., Pa.

13397— Sharpeners (Tool)

Luther Grinder Mfg. Co., 285 S Water, Milwaukee, Wis.
Walker O. S. Co. ("Globe," for Machine Tools), Worcester, Mass.

13398— Shavers (Ice)

See also Ice Cube Cutting Machinery
Arcade Mfg. Co., Freeport, Ill.
Blakeslee G. S. & Co., 2856 Quinn, Chicago, Ill.
Bodenstein J. G. & Co., Staatsburg, N. Y.
Burgess & Norton Mfg. Co. ("Bur-Nor" Pick & Shaver Combined), Geneva, Ill.
Clipper Fountain Supply Co., Troy, N. Y.
Columbus Handle & Tool Co., Columbus, Ind.
Duffy Mfg. Co., 214 W Grand av, Chicago, Ill.
Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa.
Gifford-Wood Co., Hudson, N. Y.
Gilchrist Co. ("Yankee" Steel), 236 Bank, Newark, N. J.
Giles & Nielsen Nickel Works, Troy, N. Y.
Griswold Mfg. Co., Erie, Pa.
Gruman Ice Tool Works, Branchville, Conn.
National Mfg. & Steel Supply Co., 781 Summit, Newark, N. J.
Nicol & Co. ("White City"), 218 N Jefferson, Chicago, Ill.
North Bros. Mfg. Co. ("Gem"), Lehigh av & American, Phila., Pa.
Reinhold Mfg. Co. ("Jumbo"), Detroit, Mich.
Stover Mfg. Co. ("Ideal"), Freeport, Ill.
Walker C. L. & Co. ("Walker's" & "Quick & Easy"), 656 W 12th, Erie, Pa.
Williams A. C. Co., Ravenna, O.
Wrightsville Hardware Co., Wrightsville, Pa.

13399—Shavers (Smoked Beef)

Blakeslee G. S. & Co. ("Blakeslee"), 2856 Quinn, Chicago, Ill.
Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa.

Shaves (Heel & Edge)

See Knives, Shoe

13400— Shaves (Spoke)

Bagshaw & Field, 445 N 5th, Phila., Pa.
Boker Cutlery & Hardware Co., Inc. (Imported), 101 Duane, New York
Buckeye Mfg. & Foundry Co. (1 & 2 Knife), 2046 W 55th, Cleveland, O.
Chapin-Stephens Co., Pine Meadow, Conn.
Cincinnati Tool Co. ("Hargrave"), Norwood, Cincinnati, O.
See adv index at end of book
Goodell-Pratt Co., Greenfield, Mass.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Millers Falls Co., 28 Warren, New York
Ohio Tool Co. ("Ohio"), Charleston, W. Va.
Osborne C. S. & Co. (Harnesss Makers, etc), Harrison, N. J.
Sargent & Co. (Iron & Wood), New Haven, Conn.
Smith, Seymour & Son (Iron), Oakville, Conn.
Stanley Rule & Level Co. ("Bailey"), New Britain, Conn.
White L. & I. J. Co. (Adjustable, etc), 120 Columbia, Buffalo, N. Y.
Wiesbusch & Hilger (Imp), 106 Lafayette, New York
Wood A. A. & Sons Co., Atlanta, Ga.

13401— Shavings (Baled)

Davies Frederick G., North Tonawanda, N. Y.
Des Rivieres Geo. R., 5444 S Mich., Chicago, Ill.
National Sawdust Co. (All Kinds), 102 No. 1st, Brooklyn, N. Y.
Page Geo. G. Box Co., Cambridge, Mass.
Wilson Lumber & Box Co., Tonawanda, N. Y.

13402—Shavings Collecting Systems

See also Dust Collectors, Mechanical
Cleveland Blow Pipe & Mfg. Co., 6950 Kinsman rd, Cleveland, O.
Goethel Alfred C. Co., 301-303 Fourth, Milwaukee, Wis.
Hartford Blower Co., Hartford, Conn.
Kirk & Blum, York & Western avs, Cincinnati, O.
Shreveport Blow Pipe & Sheet Iron Works, (Ltd.), Shreveport, La.

13403— Shavings (Cork)

Armstrong Cork Co., 24th & A. V. R. R., Pittsburgh, Pa.

13404— Shavings (Vinegar & Brewers')

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Kelso & Co. (Clarifying), 557 W Quincy, Chicago, Ill.
Redlich Mfg. Co., 637 W Oak, Chicago, Ill.

13405-6— Shavings (Zinc)

American Zinc Products Co., Greencastle, Ind.
Ball Bros. Glass Mfg. Co., Muncie, Ind.
Braun Corporation, Los Angeles, Cal.
Calkins Co., Los Angeles, Cal.
Denver Fire Clay Co., Denver, Colo.
Pacific Tank & Pipe Co. (For Gold, Silver Precipitation), 318 Market, San Francisco, Cal.

Shears

Under this Heading see Sub-classifications; see also Machinery, Punches & Shearing; also Punches, Various Kinds

13407-8— Shears (Alligator)

Canton Foundry & Machine Co. ("Canton"), Canton, O.
Carlin's Thos. Sons Co., Pittsburgh, Pa.
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio
See adv index at end of book
Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.
Danville Foundry & Machine Co. ("Little Giant" Portable), Danville, Pa.
Doelger & Kirsten, 507 Cedar, Milwaukee, Wis.
Evans John Sons, 506 N 13th, Philadelphia, Pa.
Excelsior Tool & Machine Co., 32d & Ridge, East St. Louis, Ill.
Farrel Foundry & Machine Co., Ansonia, Conn.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Massillon Foundry & Machine Co. ("Massillon"), Massillon, O.

SHEARS

ALL TYPES AND SIZES

MESTA MACHINE COMPANY
PITTSBURGH, PA., U. S. A.

Morgan Engineering Co., Alliance, O.
See adv index at end of book
Philadelphia Roll & Machine Co. (For Scrap & Old Boiler Shells), 25th & Washington av, Philadelphia, Pa.
Rock River Machine Co. ("Badger" Belt Driven), Janesville, Wis.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Slater-Marsden-Whittmore Co. ("Beloit"), Beloit, Wis.
United Eng'ng & Foundry Co., 307 5th av, Pittsburgh, Pa.
Vulcan Engineering Sales Co. ("Vulcan"), 1764 Elston av, Chicago, Ill.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
Youngstown Foundry & Machine Co., Youngstown, O.

13409-10—Shears (Angle Iron)

Alliance Machine Co., Alliance, O.
Badger State Machine Co., Janesville, Wis.
Bertsch & Co., Cambridge City, Ind.
Braun J. G., 609 S Paulina, Chicago, Ill.
Cincinnati Iron & Steel Co. ("Cisco"), Cincinnati, O.

SHEARS (ANGLE IRON)—continued

Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio
See adv index at end of book
Cleveland Punch & Shear Works Co., 3921 St Clair av N E, Cleveland, O.
Covington Machine Co. ("C. C. Wais Patent"), Covington, Va.
Excelsior Tool & Machine Co., 32d & Ridge, East St. Louis, Ill.
Hilles & Jones Co., East Wilmington, Del.
See adv index at end of book
Long & Allstatter Co. (Steam, Belt or Motor Driven, Double or Single Geared & on Turntable), Hamilton, O.
Massillon Foundry & Machine Co. ("Massillon"), Massillon, O.
National Roll & Foundry Co., Avonmore, Pa.
New Doty Mfg. Co., Janesville, Wis.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*
Niles-Bemont-Pond Co., 111 B'way, New York
Perkins Machine Co., Warren, Mass.
Rock River Machine Co. ("Badger"), Janesville, Wis.
Royersford Foundry & Machine Co., Royersford, Pa.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Schatz Mfg. Co., Poughkeepsie, N. Y.
Stoll D. H. Co., Buffalo, N. Y.
Toledo Machine & Tool Co. ("Toledo"), Toledo, O.
United Engineering & Foundry Co., 307 5th av, Pittsburgh, Pa.
Watson-Stillman Co. (Hydraulic), 38 Church, New York
Whiting Geo. Co., 1719 Elston av, Chicago, Ill.
Wickes Bros., Saginaw, Mich.
See adv index at end of book
Williams White & Co., Moline, Ill.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.
Young Machine & Tool Co., Worcester, Mass.

13411—Shears (Bar & Plate)

Alliance Machine Co., Alliance, O.
Badger State Machine Co., Janesville, Wis.
Braun J. G., 609 S Paulina, Chicago, Ill.
Buffalo Forge Co. (Hand & Power), Buffalo, N. Y.
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio
See adv index at end of book
Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, Ohio
Covington Machine Co. ("C. C. Wais Patent"), Covington, Va.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Ironton Punch & Shear Co., Ironton, O.
Kling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.
Long & Allstatter Co. (Bar Iron, Steam, Belt or Motor Driven), Hamilton, O.
McSherry Mfg. Co. (Power Bar), Pittsburgh, Pa.
Mackintosh, Hemphill & Co., Pittsburgh, Pa.
Massillon Foundry & Machine Co. ("Massillon"), Massillon, O.
Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book
MORGAN ENGINEERING CO., Alliance, Ohio *See adv index at end of book*
National Roll & Foundry Co., Avonmore, Pa.
Newbold R. S. & Son Co., Norristown, Pa.
New Doty Mfg. Co., Janesville, Wis.
Phillips & McLaren, 24th & Smallman, Pittsburgh, Pa.
Rock River Machine Co. ("Badger" Bar & Round Iron), Janesville, Wis.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Schatz Mfg. Co., Poughkeepsie, N. Y.
Tucker W. B. & C. F. ("Hercules," "Leviathan"), 516 Asylum, Hartford, Conn.
United Engineering & F'dry Co., 307 5th av, Pittsburgh, Pa.
Whiting Geo. Co., 1719 Elston av, Chicago, Ill.
Wickes Bros., Saginaw, Mich.
See adv index at end of book
Williams White & Co., Moline, Ill.
Wood R. D. & Co. (Hydraulic), 400 Chestnut, Phila., Pa.

13412—Shears (Beam & Channel)

See also Shears, Angle Iron

Bethlehem Steel Co. (Hydraulic), South Bethlehem, Pa.
Cincinnati Iron & Steel Co. ("Cisco"), Cincinnati, O.
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio
See adv index at end of book
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Pels Henry & Co. (Imp Unbreakable Rolled Steel Frame; Open & Closed Throat Types), West & Albany, New York
Schatz Mfg. Co., Poughkeepsie, N. Y.

13413— Shears (Bench)

Badger State Machine Co., Janesville, Wis.
Braun J. G., 609 S Paulina, Chicago, Ill.
Chandler & Farquhar Co. ("Federal"), 36 Federal, Boston, Mass.
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio
See adv index at end of book
Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.
Goodell-Pratt Co., Greenfield, Mass.
Hinman D. A. & Co. ("Hinman"), Sandwich, Ill.
Merwin Mfg. Co. ("Vulcan", Shear & Rod Cutter), Erie, Pa.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y.
See adv index at end of book
Oliver W. W. Mfg. Co., 1483 Niagara, Buffalo, N. Y.
Pels Henry & Co. (Imp Unbreakable Rolled Steel Frame), West & Albany, New York
Rock River Machine Co., Janesville, Wis.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Schatz Mfg. Co., Poughkeepsie, N. Y.
Stoll D. H. Co., Buffalo, N. Y.
Viking Shear Co. ("Viking" Portable), Erie, Pa.
Wells John C. (Offset), Milwaukee, Wis.

13414— Shears (Beveling)

Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio
See adv index at end of book
Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Kling Bros., Engineering Works, 1304 Kingsbury, Chicago, Ill.
Lennox Machine Co. (Rotary), 2558 W 16th, Chicago, Ill.
New Doty Mfg. Co., Janesville, Wis.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y.
See adv index at end of book
Niles-Bement-Pond Co., 111 B'way, New York
Perkins Machine Co. (Plate Beveling), Warren, Mass.
Rock River Machine Co. ("Badger"), Janesville, Wis.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Schatz Mfg. Co., Poughkeepsie, N. Y.
Stoll D. H. Co., Buffalo, N. Y.
United Engineering & Foundry Co. (For **Rolling Mills), 307 5th av, Pittsburgh, Pa.**

13415—Shears (Billet & Bloom)

Alliance Machine Co., Alliance, O.
Bethlehem Steel Co., South Bethlehem, Pa.
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio
See adv index at end of book
Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Long & Allstatter Co., Hamilton, O.
Mackintosh, Hemphill & Co. (Hydraulic, etc), Pittsburgh, Pa.
Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book
Morgan Construction Co., ("Edwards Flying Shear"), Worcester, Mass.
New York
MORGAN ENGINEERING CO., (Duplex, Hydraulic & Electric), Alliance, O.
See adv index at end of book
National Roll & Foundry Co., Avonmore, Pa.
New-Doty Mfg. Co. (Heavy Motor Driven), Janesville, Wis.
Phillips & McLaren, 24th & Smallman, Pittsburgh, Pa.
Rock River Machine Co. ("Badger"), Janesville, Wis.
Schatz Mfg. Co., Poughkeepsie, N. Y.
United Engng. & Fdry. Co., 307 5th av, Pittsburgh, Pa.
Williams, White & Co., Moline, Ill.
Wood R. D. & Co. (Hydraulic), 400 Chestnut, Phila., Pa.

13416—Shears (Brushmakers')

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Stortz John & Son, 210 Vine, Phila., Pa.

13417— Shears (Circle)

BLISS E. W. CO., 19 Adams, B'klyn, New York *See adv index at end of book*
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio
See adv index at end of book
Fuller Otis L. Co. ("Rapid"), Goshen, Ind.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y.
See adv index at end of book
Ohl Geo. A. Co., 159 Oraton, Newark, N. J.
Newbold R. S. & Son Co., Norristown, Pa.
Peck, Stow & Wilcox Co., Southington, Conn.
Perkins Machine Co. (Metal), Warren, Mass.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Schatz Mfg. Co., Poughkeepsie, N. Y.
Stoll D. H. Co., Buffalo, N. Y.
Thomas Mach. Co. ("Waugh"), Elmira, N. Y.
Toledo Machine & Tool Co. ("Toledo"), Toledo, O.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

13418-9— Shears (Clipping)

Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio
See adv index at end of book
United Engineering & Foundry Co. (For **Rolling Mills), 307 5th av, Pittsburgh, Pa.**

Shears (Crocodile)

See Shears, Alligator

13420-1—Shears (Double Plate & Sheet Mill)

Aetna Foundry & Machine Co. (For Sheet Mill, Tin Plate & Plates up to ½ in.), Warren, O.
Bertsch & Co., Cambridge City, Ind.
Braun J. G., 609 S Paulina, Chicago, Ill.
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio
See adv index at end of book
Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Kling Bros Engineering Works, 1304 Kingsbury, Chicago, Ill.
Lewis Foundry & Machine Co., Pittsburgh, Pa.
Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book
National Roll & Foundry Co., Avonmore, Pa.
United Eng'ng & Fdry Co., 307 5th av, Pittsburgh, Pa.
Wheeling Mold & Fdry. Co., Wheeling, W. Va.

13422— *Shears for Heavy Boiler Plates, Etc.

Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio
See adv index at end of book
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*

13423— Shears for Sheet Metal Work

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Braun J. G., 609 S Paulina, Chicago, Ill.
Cincinnati Iron & Steel Co. ("Cisco"), Cincinnati, O.
CLEVELAND KNIFE & FORGE CO., 1960 W 114th, Cleveland, O.
See adv index at end of book
Fuller Otis L. Co. ("Rapid"), Goshen, Ind.
Heartley Machine, Variety Iron & Tool Works, 900 Summit, Toledo, O.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Huntington Machinery & Foundry Co., Huntington, Ind.
Schatz Mfg. Co., Poughkeepsie, N. Y.
Tucker W. B. & C. F. ("Hercules," "Leviathan"), 516 Asylum, Hartford, Conn.

13424— Shears (Gap)

Bethlehem Steel Co., South Bethlehem, Pa.
BLISS E. W. CO., 19 Adams, Brooklyn, New York *See adv index at end of book*
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio
See adv index at end of book
NIAGARA MACHINE & TOOL WORKS (Power), Buffalo, N. Y.
See adv index at end of book
Rock River Machine Co., Janesville, Wis.
Schatz Mfg. Co., Poughkeepsie, N. Y.

13425—Shears (Gate or Guillotine)

Alliance Machine Co., Alliance, O.
Bertsch & Co., Cambridge, Ind.
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio
See adv index at end of book
Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.
Covington Machine Co. (Gate), Covington, Va.
Danville Foundry & Machine Co., Danville, Pa.
Farrel Foundry & Machine Co. (Gate & Alligator), Ansonia, Conn.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Ironton Punch & Shear Co. (Gate Only), Ironton, O.
Long & Allstatter Co. (Gate Shears, Motor, Belt or Steam Driven & Double or Single Geared), Hamilton, O.
Rock River Machine Co. ("Badger" Bar & Billet), Janesville, Wis.
Schatz Mfg. Co., Poughkeepsie, N. Y.
United Engineering & Foundry Co., 307 5th av, Pittsburgh, Pa.
Vulcan Engineering Sales Co. ("Vulcan"), 1764 Elston av, Chicago, Ill.
Williams, White & Co. (Gate), Moline, Ill.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

13426—Shears (Gauge Table)

Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
See adv index at end of book
Hickok W. O. Mfg. Co., Harrisburg, Pa.

13427— Shears (Grape)

Clauss Shear Co., Fremont, O.
Clyde Cutlery Co., Clyde, O.
Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y.
See adv index at end of book

Shears (Grass)

See Shears, Sheep, Grass, etc)

13428-9—Shears (Hand Power)

Bartlett Mfg. Co., 40 Lafayette E, Detroit, Mich.
Bertsch & Co., Cambridge City, Ind.
Braun J. G., 609 S Paulina, Chicago, Ill.
Champion Blower & Forge Co. ("Champion," for Blacksmiths, etc), Lancaster, Pa.
Cincinnati Iron & Steel Co. ("Cisco"), Cincinnati, O.
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio
See adv index at end of book
Disston Hy. & Sons, Tacony, Phila., Pa.
Fuller Otis L. Co. ("Rapid"), Goshen, Ind.
Hinman D. A. & Co. (For Sheet Metal), Sandwich, Ill.
Kane & Roach, Syracuse, N. Y.
Lennox Throatless Shear Co., Marshalltown, Ia.
Lewthaite T. H. Machine Co., 413 E 31st, New York
Little Giant Punch & Shear Co. ("Little Giant" Bench), Sparta, Ill.
Merchant & Evans Co., 2035 Washington av, Philadelphia, Pa.
See adv index at end of book
NIAGARA MACHINE & TOOL WORKS (For Sheet Metal), Buffalo, N. Y.
See adv index at end of book
Novelty Iron Wks Co. ("Victor"), Dyersville, Ia.
Pels Henry & Co. (Imp Unbreakable Rolled Steel Frame), West & Albany, New York
Perkins Machine Co. (Metal), Warren, Mass.
Quinn Wire & Iron Works ("Simplex" for Blacksmiths), Boone, Ia.
Rock River Machine Co., Janesville, Wis.
Schatz Mfg. Co., Poughkeepsie, N. Y.
Simonsen Iron Works, Sioux Rapids, Ia.
Smith & Egge Mfg. Co. ("Eureka"), for Cutting Wire, Rods & Strip Metal), Bridgeport, Conn.
Stoll D. H. Co., Buffalo, N. Y.
Tucker W. B. & C. F. ("Hercules," "Leviathan" for Sheet, Bar and Rod), 516 Asylum, Hartford, Conn.
Whitney Metal Tool Co. ("Viking"), Rockford, Ill.
Young Machine & Tool Co., Worcester, Mass.

Shears (Hoof)

See Parers, Hoof

13430—Shears (Horse Clipping)

Clauss Shear Co. ("Clauss"), Fremont, O.
Columbian Cutlery Co. ("Columbia"), Reading, Pa.
National Cutlery Co. ("National" Roaching), Westmoreland & Boudinot, Phila., Pa.
Wiss J. & Sons Co., 31 Littleton av, Newark, N. J.

13431— Shears (Hydraulic)

Alliance Machine Co., Alliance, O.
Bertsch & Co., Cambridge City, Ind.
Bethlehem Steel Co., South Bethlehem, Pa.
Birdsboro Steel Foundry & Machine Co., N Birdsboro, Pa.
Garrison A. Foundry Co. 901 Bingham, Pittsburgh, Pa.
Mackintosh, Hemphill & Co. (Plate, Bloom etc), Pittsburgh, Pa.
Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book
Morgan Construction Co., Worcester, Mass.
MORGAN ENGINEERING CO., Alliance, O. *See adv index at end of book*
Niles-Bement-Pond Co., 111 B'way, New York
United Engineering & Foundry Co. (For Tin, Bar, Bloom, Slab, etc), 307 5th av, Pittsburgh, Pa.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*
Wood R. D. & Co. (Multiple Power Plate Shear), 400 Chestnut, Philadelphia, Pa.
Wood Wm. H., Media, Pa.

13432— Shears (Index)

Hickok W. O. Mfg. Co., Harrisburg, Pa.

Shears (Lawn)

See Shears, Sheep, Grass & Hedge

13433-4— Shears (Lever)

Badger State Machine Co., Janesville, Wis.
Bartlett Mfg. Co. ("Searchlight," Compound Lever Mechanics'), 40 Lafayette, Detroit, Mich.
Bertsch & Co., Cambridge City, Ind.
Birmingham Iron Foundry, Derby, Conn.
Cincinnati Iron & Steel Co. ("Cisco"), Cincinnati, O.
Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.
Edwards C. D., Albert Lea, Minn.
Excelsior Tool & Machine Co., 32d & Ridge, East St. Louis, Ill.
Farrel Fdry. & Mach. Co., Ansonia, Conn.
Garrison A. Foundry Co. ("Alligator," Heavy), 901 Bingham, Pittsburgh, Pa.
Heartley Machine Variety Iron & Tool Works (Hand Lever), 900 Summit, Toledo, O.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Klemm E. R., 1453 Austin av, Chicago, Ill.
Lewthwaite T. H. Machine Co., 413 E 31st, New York
McSherry Mfg. Co., Pittsburgh, Pa.
Merwin Mfg. Co. ("Vulcan"), Erie, Pa.
Mesta Machine Co. (For Cutting Scrap, Rails, etc), Pittsburgh Pa.
See adv index at end of book
New Doty Mfg. Co., Janesville, Wis.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book
Pawtucket Mfg. Co., Pawtucket, R. I.
Peck, Stow & Wilcox Co., Southington, Conn.
Pels Henry & Co. (Imp. Unbreakable Rolled Steel Frame), West & Albany, New York
Pittsburgh Iron Works Co., 2170 Bedford av, Pittsburgh, Pa.
Robinson J. M. Mfg Co. (Slitting), Cincinnati, O.
Rock River Machine Co. ("Badger"), Janesville, Wis.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Schatz Mfg. Co., Poughkeepsie, N. Y.
Stoll D. H. Co., Buffalo, N. Y.
Tucker W. B. & C. F. ("Hercules," "Leviathan" for Sheet, Bar & Rod), 516 Asylum, Hartford, Conn.
United Engineering & Foundry Co. (For Rolling Mills) 307 5th av, Pittsburgh, Pa.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
Williams, White & Co., Moline, Ill.
Young Machine & Tool Co., Worcester, Mass.
Youngstown Foundry & Machine Co. ("Pitman," Type), Youngstown, O.

13435— Shears (Paper)

Bradley Milton Co., Springfield, Mass.
Claus Shear Co., Fremont, O.
Golding Mfg. Co. (Paper, Cardboard, etc), Franklin, Mass.

13436—Shears (Paper Box Makers')

BECK CHAS. CO., 607 Chestnut, Philadelphia, Pa. *See adv index at end of book*
Jacques Jno. & Son, Worcester, Mass.
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.

13437—Shears (Paper Hangers')

Clauss Shear Co. ("Clauss"), Fremont, O.
National Cutlery Co., Westmoreland & Boudinot, Phila., Pa.
Wiss J. & Sons Co., 31 Littleton av, Newark, N. J.

Shears (Plate Splitting)

See Shears, Splitting

Shears (Poultry)

See Scissors, Poultry

13438— Shears (Power)

Alliance Machine Co., Alliance, O.
Badger State Machine Co., Janesville, Wis.
Bertsch & Co., Cambridge City, Ind.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Cincinnati Iron & Steel Co. ("Cisco"), Cincinnati, O.
Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.
Excelsior Tool & Machine Co., 32d & Ridge, East St. Louis, Ill.
Fuller Otis L. Co. ("Rapid"), Goshen, Ind.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Gowanda Agricultural Works (For Cutting Sheet Steel, 20-24 inch), Gowanda, N. Y.
Heartley Machine, Variety Iron & Tool Works, 900 Summit, Toledo, O.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Huntington Machine & Foundry Co., Huntington, Ind.
Ironton Punch & Shear Co., Ironton, O.

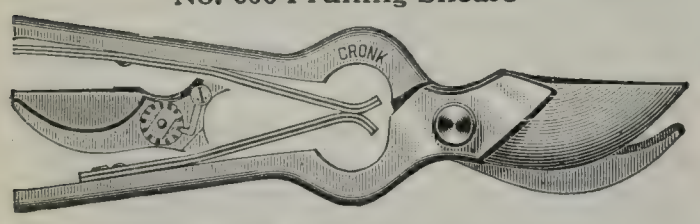
SHEARS (POWER)—continued

Kling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.
Lennox Throatless Shear Co., Marshalltown, Ia.
Mackintosh, Hemphill & Co. (For Rolling Mills, etc), Pittsburgh, Pa.
Massillon Foundry & Machine Co. ("Massillon"), Massillon, O.
MORGAN ENGINEERING CO., Alliance, O. *See adv index at end of book*
New Doty Mfg. Co., Janesville, Wis.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*
Niles-Bement-Pond Co., 111 B'way, New York
Royersford Foundry & Machine Co., Royersford, Pa.
Ryerson Jos. T. & Son, 2558 W. 16th, Chicago, Ill. *See adv index at end of book*
Schatz Mfg. Co., Poughkeepsie, N. Y.
Standard Machinery Co., Provience, R. I.
Stoll D. H. Co., Buffalo, N. Y.
Toledo Machine & Tool Co. ("Toledo"), Toledo, O.
United Engineering & Foundry Co., 307 5th av, Pittsburgh, Pa.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*
Williams, White & Co., Moline, Ill.
Young Machine & Tool Co., Worcester, Mass.

13439— Shears (Pruning)

Bartlett Mfg. Co., 40 Lafayette, Detroit, Mich.
Cartwright J. M., Malaga, Cal.
Carver Tool Works ("Carver's"), Spring Valley, N. Y.
Clauss Shear Co. ("Clauss Buckeye"), Fremont, O.
Clyde Cutlery Co. (Hedge, etc, Waters' Pat'n, Draw Cut "Red Clipper," "Buckeye"), Clyde, O.
Cronk & Carrier Mfg. Co. ("Fresno"), 150 Lake, Elmira, N. Y.
See adv index at end of book

No. 600 Pruning Shears



The Cronk & Carrier Mfg. Co.
150 Lake Street **Elmira, N. Y.**

Graef & Schmidt ("Turn Brand" Imp), 107 Chambers, N. Y.
Gray Iron Casting Co., Springfield, O.
Grey Iron Casting Co., Mt. Joy, Pa.
Henry John T. Mfg. Co. (California Pat'n), Hamden, Conn.
Kidder & Craig, Rumney, N. H.
Kohler F. E. Co. (California Pattern), Canton, O.
Little Giant Mfg. Co., Saugatuck, Mich.
Nagley Mfg. Co. ("Diamond Edge"), Lyons, N. Y.
PECK, STOW & WILCOX CO. ("Pexto"), 2172-2232 W 3d, Cleveland, O.
See adv index at end of book
Reading Saddle & Mfg. Co. ("Reading"), Reading, Pa.
Rhodes Mfg. Co. ("Rhodes" Double Cut), Grand Rapids, Mich.
Sayre L. A. Co., 332 Mulberry, Newark N. J.
Seymour Mfg. Co. (Waters' Pat'n), Seymour, Ind.
Smith, Seymour & Son ("Royal," "Imperial," "Concord," "Granger," "Taylor," "Levin," "California," "Rockdale," "Smith's Ideal," "Oakland," "Redlands," "Standard," "Telephone"), Oakville, Conn.
Wiss J. & Sons Co. (Solid Steel), 31 Littleton av, Newark, N. J.

13440— Shears (Rotary)

Bethlehem Fdry. & Mach. Co., S Bethlehem, Pa.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio
See adv index at end of book
Detrick & Harvey Mach. Co. (Slitting), 508 E Preston, Baltimore, Md.
Fuller Otis L. Co. ("Rapid"), Goshen, Ind.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Ham L. M. & Co., 158 Portland, Boston, Mass.
Heartley Machine Variety Iron & Tool Works, 900 Summit, Toledo, O.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Kling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.
Lennox Machine Co. (Beveling & Splitting), 2558 W 16th, Chicago, Ill.
Lennox Throatless Shear Co. ("Lennox" Throatless), Marshalltown, Ia.
McSherry Mfg. Co., Pittsburgh, Pa.
McWilliams Thomas, 237 Eddy, Providence, R. I.
Michigan Press Co., Ypsilanti, Mich.
Morgan Construction Co., Worcester, Mass.
Newbold R. S. & Son Co., Norristown, Pa.
NIAGARA MACHINE & TOOL WORKS, Buffalo N. Y. *See adv index at end of book*
Ohl Geo. A. & Co. (Slitting), 159 Oraton, Newark, N. J.
Peck, Stow & Wilcox Co., Southington, Conn.
Perkins Machine Co., Warren, Mass.
Quickwork Co. ("Quickwork"), St. Mary's, Ohio
Rock River Machine Co. ("Badger"), Janesville, Wis.
Ryerson Jos. T. & Son ("Lennox"), 2558 W 16th, Chicago, Ill.
See adv index at end of book
Schatz Mfg. Co., Poughkeepsie, N. Y.
Standard Machinery Co., Providence, R. I.
Stoll D. H. Co., Buffalo, N. Y.
Thomas Mach. Co. ("Waugh"), Elmira, N. Y.
Toledo Machine & Tool Co. ("Toledo"), Toledo, O.
Wagner C. DeWitt, Cedar Rapids, Ia.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
Whiting Geo. Co., 1719 Elston av, Chicago, Ill.

13441—Shears (Rotary Circle)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio
See adv index at end of book
Fuller Otis L. Co. ("Rapid"), Goshen, Ind.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Perkins Machine Co., Warren, Mass.
Schatz Mfg. Co., Poughkeepsie, N. Y.
Thomas Mach. Co. ("Waugh"), Elmira, N. Y.
Waterbury Farrel Fdry & Mach. Co., Waterbury, Conn.

13442—Shears (Rotary, Pipe Cutting)

Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio
See adv index at end of book
Newbold R. S. & Son Co., Norristown, Pa.
Ryerson Jos. T. & Son ("Lennox" Rotary Throat), 2558 W 16th, Chicago, Ill.
See adv index at end of book
United Eng. & Fdry. Co., 307 5th av, Pittsburgh, Pa.

13443—Shears (Rotary Slitting)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio
See adv index at end of book
Detrick & Harvey Mach. Co., 508 E Preston, Baltimore, Md.
Fuller Otis L. Co. ("Rapid"), Goshen, Ind.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Kling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.
Lennox Machine Co., 2558 W 16th, Chicago, Ill.
Loy & Nawrath Co. (Foot & Belt Power), 25 Runyon, Newark, N. J.
NIAGARA MACHINE & TOOL W'KS, Buffalo, N. Y.
See adv index at end of book
Ohl Geo. A. & Co., 159 Oraton, Newark, N. J.
Rock River Machine Co., Janesville, Wis.
Schatz Mfg. Co., Poughkeepsie, N. Y.
SIMMONS MACHINE CO., INC., 987 Broadway, Albany, N. Y.
See adv index at end of book
Toledo Machine & Tool Co. ("Toledo"), Toledo, O.
Wagner C. DeWitt, Cedar Rapids, Ia.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
Whelan D. J. (Est. of) ("Capitol"), Troy, N. Y.

13444— Shears (Scrap)

Canton Foundry & Machine Co. ("Canton"), Canton, O.
Carlin's Thos. Sons Co., Pittsburgh, Pa.
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio
See adv index at end of book
Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.
Danville Foundry & Machine Co. ("Little Giant" Portable Alligator), Danville, Pa.
Doelger & Kirsten, 507 Cedar, Milwaukee, Wis.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Huntington Mach. & Fdry. Co., Huntington, Ind.
Mackintosh, Hemphill & Co. (Motor Driven Plate), Pittsburgh, Pa.
Massillon Foundry & Machine Co. ("Massillon"), Massillon, O.
Mesta Mach. Co. (Lever, etc), Pittsburgh, Pa. *See adv index at end of book*
NIAGARA MACHINE & TOOL W'KS, (For Light Scrap), Buffalo, N. Y.
See adv index at end of book
Rock River Machine Co. ("Badger" Lever Rolling Mill, etc), Janesville, Wis.
Schatz Mfg. Co., Poughkeepsie, N. Y.
Turner, Vaughn & Taylor Co, (Wire Scrap), Cuyahoga Falls, O.
See adv index at end of book
United Engng & Fdry. Co., 307 5th av, Pittsburgh, Pa.

13445— *Shears (Scroll)

NIAGARA MACHINE & TOOL W'KS, Buffalo, N. Y.
See adv index at end of book

13446—Shears (Sheep, Grass & Hedge)

Columbian Cutlery Co. ("Columbia"), Reading, Pa.
Cronk & Carrier Mfg. Co. (Grass & Hedge Only), 150 Lake, Elmira, N. Y.
See adv index at end of book
Dunn Edge Tool Co. ("Lightning" Grass & Hedge), Oakland, Me.
Gay Geo. E. ("Uncle Sam"), Augusta, Me.
Gowanda Agricultural Works (Dog or Sheep), Gowanda, N. Y.
Heimerdinger W. C. (Grass, Sheep or Horse), Louisville, Ky.
Keiser Mfg. Co., Reading, Pa.
Klaas Max ("Crane Brand" Sheep Imp.), 108 Fulton, New York
Knickerbocker Mfg. Co. (Grass), Belleville, N. J.
McCoy Jos. F. Co. (Agts. "Holdfast" Hedge), 157 Chambers, New York
Wiebusch & Hilger ("Winkinson Sheffield, England Imp."), 106 Lafayette, New York

13447—Shears (Shoe Trimming)

Emrich Phil ("Emrich"), 824 Main, Cincinnati, O.

13448— Shears (Slitting)

Badger State Machine Co., Janesville, Wis.
Bertsch & Co., Cambridge City, Ind.
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Buffalo Forge Co. (Hand & Power), Buffalo, N. Y.
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio
See adv index at end of book
Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.
Detrick & Harvey Machine Co. (Rotary), 508 E Preston, Baltimore, Md.

Fuller Otis L. Co. ("Rapid"), Goshen, Ind.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Heartley Machine, Variety Iron & Tool Works, 900 Summit, Toledo, O.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Ironton Punch & Shear Co., Ironton, O.
Keene Geo. C. & Co., 2327 Florence av, Cincinnati, O.
Kidder J. F. Mfg. Co. ("Little Blacksmith"), Burlington, Vt.
Kling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.
Lennox Throatless Shear Co., Marshalltown, Ia.
Mersick C. S. & Co. (Compound Lever & Pinion), New Haven, Conn.
Michigan Press Co. (Gang Slitters), Ypsilanti, Mich.
NIAGARA MACHINE & TOOL WORKS (Hand Slitting), Buffalo, N. Y. *See adv index at end of book*
Ohl Geo. A. & Co., 159 Oraton (Also Rotary Slitting), Newark, N. J.
Pawtucket Mfg. Co. (30 & 52 inch), Pawtucket, R. I.
Perkins Machine Co., Warren, Mass.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
St. Louis Machine Tool Co., 2607 S B'way, St. Louis, Mo.
Schatz Mfg. Co., Poughkeepsie, N. Y.
Slater-Marsden-Wittemore Co. ("Beloit," Single & Double Back Geared, Lever, etc), Beloit, Wis.
Stoll D. H. Co., Buffalo, N. Y.
United Engineering & Foundry Co., 307 5th av, Pittsburgh, Pa.
Wheeler W. A. ("Handy" Hand Power), Indianapolis, Ind.
Whelan D. J. (Est. of) ("Capital" Rotary), Troy, N. Y.
Whiting Geo. Co., 1719 Elston av, Chicago, Ill..

13449— Shears (Splitting)

Alliance Machine Co., Alliance, O.
Badger State Machine Co., Janesville, Wis.
Bertsch & Co. ("Universal"), Cambridge City, Ind.
Braun J. G., 609 S Paulina, Chicago, Ill.
Cincinnati Iron & Steel Co. ("Cisco"), Cincinnati, O.
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio *See adv index at end of book*
Excelsior Tool & Machine Co., 32d & Ridge, E St. Louis, Ill.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Ironton Punch & Shear Co., Ironton, O.
Kling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.
Little Giant Punch & Shear Co., Sparta, Ill.
Long & Allstatter Co. (Steam, Belt or Motor Driven), Hamilton, O.
New Doty Mfg. Co. (Hand & Power), Janesville, Wis.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*
Pels Henry & Co. (Imp. Unbreakable Rolled Steel Frame), West & Albany, New York
Rock River Machine Co. ("Badger," Steel Splitting, Hand or Belt Power), Janesville, Wis.
Ryerson Jos. T. & Son ("Lennox" Rotary), 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Schatz Mfg. Co., Poughkeepsie, N. Y.
Slater-Marsden-Whitmore Co. (Hand Power), Beloit, Wis.
Stoll D. H. Co., Buffalo, N. Y.
United Engineering & Foundry Co., 307 5th av, Pittsburgh, Pa.
Wagner C. De Witt, Cedar Rapids, Ia.
Williams White & Co., Moline, Ill.
Wood R. D. & Co. (Hydraulic), 400 Chestnut, Phila., Pa.

13450— Shears (Squaring)

Aetna Foundry & Machine Co. (For Tin & Sheet Mills), Warren, O.
Ams Max Machine Co. (Can Makers, etc), Bridgeport, Conn.
Bertsch & Co. (Combined Multiple Punch & Shear), Cambridge, Ind.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Canton Foundry & Machine Co. ("Universal"), Canton, Ohio
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio *See adv index at end of book*
Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.
ERIE FOUNDRY CO. ("Erie"),, Erie, Pa.
Ewert & Kutscheid ("Peerless"), 3108 S Halsted, Chicago, Ill.
Excelsior Tool & Machine Co. ("Excelsior" Double Geared), 32d & Ridge, E St. Louis, Ill.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Heartley Machine, Variety Iron & Tool Works, 900 Summit, Toledo, O.
Hibbard Wm. H. Mfg. Co., 79 Washington, Brooklyn, N. Y.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Ironton Punch & Shear Co., Ironton, O.
Loy & Nawrath Co. (Foot & Belt Power), 25 Runyon, Newark, N. J.
McSherry Mfg. Co. (Power), Pittsburgh, Pa.
Merchant & Evans Co., 2035 Washington av, Philadelphia, Pa. *See adv index at end of book*
Mesta Machine Co., Pittsburgh, Pa. *See adv index at end of book*
Michigan Press Co. ("Michigan"), Ypsilanti, Mich.
MORGAN ENGINEERING CO., Alliance, Ohio *See adv index at end of book*
National Roll & Foundry Co., Avonmore, Pa.
New Doty Mfg. Co., Janesville, Wis.
NIAGARA MACHINE & TOOL WORKS (Power & Foot Power), Buffalo, N. Y. *See adv index at end of book*
Ohl Geo. A. & Co. (Heavy & Light), 159 Oraton, Newark, N. J.
Peck, Stow & Wilcox Co. (For Sheet Metal), Southington, Conn.
Peerless Tool Co., 1500 S Western av, Chicago, Ill.
Perkins Machine Co. (Metal Squaring & Circle), Warren, Mass.
Rock River Machine Co. ("Badger"), Janesville, Wis.
Schatz Mfg. Co., Poughkeepsie, N. Y.
SIMMONS MACHINE CO., INC., 987 Broadway, Albany, N. Y. *See adv index at end of book*
Stoll D. H. Co., Buffalo, N. Y.
Toledo Machine & Tool Co. ("Toledo"), Toledo, O.
United Engineering & Foundry Co. (For **Tin Plate & Rolling Mills), 307 5th av, Pittsburgh, Pa.**
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
Wheeling Mold & Fdry. Co., Wheeling, W. Va.
Whiting Geo. Co., 1719 Elston av, Chicago, Ill.
Young Machine & Tool Co., Worcester, Mass.

13451—*Shears (Steam Hydraulic)

Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio *See adv index at end of book*
Mesta Machine Co., Pittsburgh, Pa. *See adv index at end of book*

Shears (Tinners')

See Snips, Tinners'

13452— Shears (Tobacco)

Black John B. Co. ("Brady's"), Chester, Pa.
Nagley Mfg. Co. (Cutting Tobacco in the Field), Lyons, N. Y.

13453— Shears (Vertical)

HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Ironton Punch & Shear Co., Ironton, O.
National Machinery Co., Tiffin, O.
Pawtucket Mfg. Co., Pawtucket, R. I.
Rock River Machine Co., Janesville, Wis.
Union Foundry & Machine Co., W Carson, Pittsburgh, Pa.
United Engineering & Foundry Co. (For **Rolling Mills), 307 5th av, Pittsburgh, Pa.**

13454—Shears (Wire, Rod, Etc.)

Smith & Egge Mfg. Co. ("Eureka"), Bridgeport, Conn., & 62 Reade, New York

Shears & Punches (Combined)

See Punching & Shearing Machines, Combined; also Punch & Shear Combined, Hand Power

13455— Shears & Scissors

Acme Shear Co. ("Acme" Bankers, Barbers, Ladies, Pocket, Cigar Cutter, Buttonhole, Tailors, Trimmers, Manicure & Nail, Folding Grape Shears, Fruit Pickers; also "Americut" Forged Steel Scissors & Shears, etc), Bridgeport, Conn.
Ansonia Novelty Co. (Cast) Ansonia, Conn.
Atlas Shear Co. ("Alvord"), Bridgeport, Conn.
Bens Wm. Co. (Silver Mounted), 7 Beverly, Providence, R. I.
Berridge Shear Co. (High Grade Steel Laid), Sturgis, Mich.
Boker Cutlery & Hardware Co., Inc. ("Tree Brand" Imported), 101 Duane, New York
Case W. R. & Sons Cutlery Co., Bradford, Pa.
Cattaraugus Cutlery Co. ("Cattaraugus"), Little Valley, N. Y.
Clark Bros. Cutlery Co. ("Babcock" Patent Shears), Kansas City, Mo.
Clauss Shear Co., Fremont, O.
Clayton Bros. (Cast & Steel), Bristol, Conn.
Codding & Heilborn Co. (Silver Mounted), North Attleboro, Mass.
Compton W. H. Shear Co. ("Reliance"), 314 Camden, Newark, N. J.
Emrich Phil ("Emrich," Tailors' Shears, etc), 824 Main, Cincinnati, O.
Foster Theo. W. & Bro. Co. (Silver), 100 Richmond, Providence, R. I.
Geneva Cutlery Co. (Solid Steel Shears), Geneva, N. Y.
Graef & Schmidt ("Twin Brand" Imported), 107 Chambers, New York
Hollinger Cutlery Co. ("International Cutlery"), Fremont, O.
Jackson Shear & Razor Co., Fremont, O.
Kastor Adolph & Bros. ("W. H. Morley & Sons," Imported), 109 Duane, New York
Klaas Max ("Crane Brand" Imported), 108 Fulton, New York
Koch, F. A. & Co., 524 B'way, New York
Landers, Frary & Clark ("Universal"), New Britain, Conn.
Lenox Shear Co., Brookfield, Conn.
Meriden Cutlery Co. (Game Only), Meriden, Conn.
National Cutlery Co. (Buttonhole), Westmoreland & Boudinot, Phila., Pa.
Novelty Cutlery Co. (Folding Scissors), Canton, O.
Perfection Shear Co., No. Woodbury, Conn.
Robeson Cutlery Co., Rochester, N. Y.
Spaulding D. S. (Silver Mounted), Mansfield, Mass.
Sperry & Alexander Co. ("Centaur"), 79 Chambers, New York
Wallace R. & Sons' Mfg. Co. (Buttonhole, Embroidery, Folding, Ladies', Manicure, Pocket), Wallingford, Conn.
Wiebush & Hilger (Bent, Buttonhole, Embroidery, Pocket, etc, Imp. "Seymour," "Madison," "Hamilton"), 106 Lafayette, New York
Willsden S. Blake, Heyworth bldg, Chicago, Ill.
Wiss J. Sons Co., 31 Littleton av, Newark, N. J.

13456—Sheathing (Yellow Metal)

Taunton-New Bedford Copper Co., Taunton, Mass.

13457—Sheave or Pulley Filling (Rubber)

Goodrich B. F. Co., Akron, O.
Mechanical Rubber Co., Cleveland, O.
New York Belting & Packing Co., 91 Chambers, New York

13458—Sheave Wheels & Frames

Macomber & Whyte Rope Co., Racine av, Kenosha, Wis.

13459— Sheaves (Chain)

Poole Engineering & Machine Co. (For Marine Railways), Woodberry Sta Baltimore, Md.

13460— Sheaves (Door)

Corbin Cabinet Lock Co. (Cast Brass Sliding Door Sheave & Rail), New Britain, Conn.
Harris & Reed (Ball Bearing), 1500 W 15th, Chicago, Ill.
Nicol & Co., 218 N Jefferson, Chicago, Ill.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Wrightsville Hardware Co. (Also Sliding Door), Wrightsville, Pa.

13461—*Sheaves (Guide, for Conveyor Belts)

Wolf Co., Chambersburg, Pa.

Sheaves (Pulley)

See Pulleys, Grooved

13462—Sheaves (Show Case)

Johnston & Sharp Mfg. Co., (Ball Bearing), Ottumwa, Ia.
Weber-Knapp Co., Jamestown, N. Y.

13463— Sheaves (Shutter)

Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.

13464—Sheaves (Tackle Block)

See also Blocks, Tackle

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Boston & Lockport Block Co. ("Star"), 100 Condor, E Boston, Mass.
Buffalo Hoist & Derrick Co., 131 Erie, Buffalo, N. Y. ***See adv index at end of book***
Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
Channon Jas. H. Mfg. Co. (Grey Iron), 227 W Erie, Chicago, Ill.
Cleveland Block Co., 1173 W 11th, Cleveland, O.
Dobbie Foundry & Machine Co., Main Office & Works, Niagara Falls, N. Y.
Dubuar C. L. Lumber Co., Northville, Mich.
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J. *See adv index at end of book*
Gillie Machine Co., Tonawanda, N. Y.
Laughlin Thos. Co., Portland, Me.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
National Equipment Co., 123 S Racine av, Chicago, Ill. *See adv index at end of book*
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Pittsburgh Block & Mfg. Co., 818 South av, Pittsburgh, Pa.
Union Hardware Co., Torrington, Conn.
Western Block Co., Lockport, N. Y.
Wilcox, Crittenden & Co., Middletown, Conn.

13464a— *Sheaves (Tower)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

13465—Sheaves (Wire & Manila Rope)

See also Machinery, Power Transmitting

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
Barnard & Leas Mfg. Co., Moline, Ill.
Bates Machine Co., Joliet, Ill.
Bellwood Mfg. Co. (Rope), Bellwood, Pa.
Boston Self-Locking Block Co., Waltham, Mass.
Boston & Lockport Block Co. ("Star," Rope), 100 Condor, E Boston, Mass.
Brown A. & F. Co., 79 Barclay, New York.
Buffalo Hoist & Derrick Co., 131 Erie, Buffalo, N. Y. ***See adv index at end of book***
Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Cherry Tree Machine Co. (Rope), Cherry Tree, Pa.
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
Crawford & McCrimmon Co. (Wrought Cast Iron, Iron Spoke, Rope Sheaves Only), Brazil, Ind.
Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
Dobbie Foundry & Machine Co., Niagara Falls, N. Y.
DODGE SALES & ENGINEERING CO. (Rope Drives), Mishawaka, Ind.
Falls Clutch & Machinery Co., Cuyahoga Falls, O.
Garland M. Co., Bay City, Mich.
Great Western Mfg. Co., Leavenworth, Kan.
Gustafson Mfg. Co., Chattanooga, Tenn.
Hardie-Tynes Mfg. Co., Birmingham, Ala.
Helmick Foundry & Machine Co. (Chilled Curve Wire Rope Only), Fairmont, W. Va.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Howard Iron Works, Buffalo, N. Y.
Imperial Iron Works (Head Sheaves), Duluth, Minn.
Insley Mfg. Co. (12 & 14 inch Wire Only), 3500 E St. Clair, Indianapolis, Ind.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
Jones & Laughlin Steel Co. (Power Transmission), Ross, Pittsburgh, Pa.
Lake Shore Engine Works (Bicycle Type, for Head Sheaves, Idlers, etc, up to 12 ft), Marquette, Mich.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Macomber & Whyte Rope Co., Racine av, Kenosha, Wis.
Marseilles Co., East Moline, Ill.
Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
Meese & Gottfried Co., 660 Mission, San Francisco, Cal.
Merriman Bros. (Roller & Self-Lubricating, 185 Amory, Boston, Mass.
Mobile Pulley & Machine Co., Mobile, Ala.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Ottumwa Iron Works (For Mines, etc.), Ottumwa, Ia.
Poole Engng. & Machine Co., Woodberry sta, Baltimore, Md.
Pyott Co., 1401 W North av, Chicago, Ill.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Sanford-Day Iron Works, Knoxville, Tenn.
Scottdale Machine & Mfg. Co., Scottdale, Pa.
Skillin & Richards Mfg. Co., 4520 Cortland, Chicago, Ill.
Stephens-Adamson Mfg. Co., Aurora, Ill.
Stine J. C. Co. (Gravity Plane), Tyrone, Pa.
Stine S. B. Osceola Mills, Pa.
Terry & Tench Co, 70 E 45th, New York
Vulcan Iron Works, Wilkes-Barre, Pa.
Walker Mfg. Co., Denver, Colo.
Webster Mfg. Co., Tiffin, O.
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.
Wellman-Seaver-Morgan Co., Cleveland, O.
Western Block Co., Lockport, N. Y.
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co. (Manila Rope), Chambersburg, Pa.

13466— *Sheaves with Graphite Bronze or Metaline Bronze

Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book

Sheaves (Wood Split)

See Pulleys, Wood Split

13467—Sheet Iron (Cold Rolled)

Reeves Mfg. Co., Dover, O.
Youngstown Sheet & Tube Co., Youngstown, Ohio

13467a— *Sheet Iron Work

Jaubert & Goslin Machine & Foundry Co., Birmingham, Ala.
Muncie Boiler & Sheet Iron Works (Special), Muncie, Ind.

13468—Sheet Metal Borders & Friezes

Broschart & Braun, 601 W 130th, New York
Dowman-Dozier Mfg. Co., Atlanta, Ga.

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DEFOREST FLAT GALVANIZED
DEFOREST O P C R & A
DEFOREST BLUE ANNEALED
DEFOREST BLUE (STOVE PIPE)
DEFOREST SINGLE PICKLED
FORMED ROOFING PRODUCTS
STEEL SHEETS

The Deforest Sheet and Tinplate Co., Niles, Ohio

EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Frand M. J. & Co., Camden, N. J.
Friedley-Voshardt Co., 733 S Halsted, Chicago, Ill.
Goshen Cornice Works, Goshen, Ind.
Hergert Theo. E., 422 E 53rd, New York
Kelly Wm. J., 446 Adelphi, Brooklyn, N. Y.
Klauer Mfg. Co., Dubuque, Ia.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Miller & Doing, 60 York, Brooklyn, N. Y.
Milwaukee Corrugating Co., Milwaukee, Wis.
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
Thoresen Wm., 1916 W North av, Chicago, Ill.

13469—Sheet Metal Goods Mfrs.

See also Stamping, Sheet Metal

Adjusto Specialty Co., Springfield, Mass.
Bossert Corporation, The, Utica, N. Y.
See adv index at end of book
Boston Pressed Metal Co., 169 Union, Worcester, Mass.
Carpenter L. A. Press Metal Co., Cambridge, Mass.
Dowman-Dozier Mfg. Co., Atlanta, Ga.
EDWARDS MFG. CO. (To Order), 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Gordon-Lawless Co., Omaha, Neb.
Goshen Cornice Works, Goshen, Ind.
Grammes L. F. & Sons, Allentown, Pa.
See adv on front cover
Jenkinson R. C. & Co., 293 Washington, (By Automatic Machines), Newark, N. J.
Litterer Bros. Mfg. Co., 154 Whitney, Chicago, Ill.
Ludwig A. & Co., 75 Spring, New York
Morse & Son Co., 1881 E 87th, Cleveland, Ohio
Special Machinery Co., Bridgeport, Conn.

13470—Sheet Metal Statuary

EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Frand M. J. & Co., Camden, N. J.
Friedley-Voshardt Co., 733 S Halsted, Chicago, Ill.
Hergert Theo. E., 422 E 53d, New York
Miller & Doing, 60 York, Brooklyn, N. Y.
Mobile Steel Co., Mobile, Ala.
Mullins W. H. Co., 341 Franklin, Salem, O.
Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
Wolverine Metal Products Co. ("Bear Brand"), 8th & Santa Fe av, Los Angeles, Cal.

13471— *Sheet Metal Work

Bossert Corporation, The, Utica, N. Y.
See adv index at end of book
Consolidated Sheet Metal Works, 661 Hubbard, Milwaukee, Wis.
Goshen Cornice Works, Goshen, Ind.
Leetonia Boiler Co., Leetonia, O.
Mahon R. C. Co., St. Aubin & E Grd blvd, Detroit, Mich.
Ohio Sheet Metal Co., Canton, O.
Pelician Sheet Metal Wks., Lake Charles, La.
Smith A. L. Iron Wks., Chelsea, Mass.

13472—*Sheet Metal & Strip Stock Straighteners & Cutters (Automatic)

Kane & Roach, Syracuse, N. Y.
SHUSTER F. B. CO., Cedar Hills, New Haven, Conn. *See adv index at end of book*

13473—Sheet Metals (Plated)

American Nickeloid Co. (Nickelzinc, Nickeltin, Brasszinc, etc), Peru, Ill.
National Sheet Metal Co. (Nickel, Brass, Copper & Bronze, Tin & Zinc), Peru, Ill.

13474-5— Sheet (Platinum)

See also Platinum

Baker & Co., 54 Austin, Newark, N. J.

Sheet Steel

See Iron & Steel Sheet, also Steel Sheet Various Kinds

13476— Sheeting (Rubber)

Archer Rubber Co. ("Royal Archer"), Milford, Mass.
Athol Mfg. Co., Athol, Mass.
Atlantic Rubber Co., Atlantic, Mass.
Boston Woven Hose & Rubber Co., Cambridge, Mass.
Davol Rubber Co., 69 Point, Providence, R. I.
Goodrich B. F. Co., Akron, O.
Hodgman Rubber Co., 8 W 40th, New York
International Rubber Co., 120 Broadway, New York
Mystic Rubber Co., West Medford, Mass.
National India Rubber Co., Bristol, R. I.
Parker, Stearns & Co. (Hospital, Nursery, etc), 286 Sheffield av, Brooklyn, N. Y.
Plymouth Rubber Co., Canton, Mass.
Rosenwald & Weil ("Imperial"), 1514 W Kinzie, Chicago, Ill.
Solvas Co., 4216 Calumet av, Chicago, Ill.
Stern Specialty Co. ("Utility"), 40 E 22d, New York
Tyer Rubber Co. (Hospital, Nursery, etc), Andover, Mass.

13477-8-9—Sheetings (Cotton)

Abbeville Cotton Mill (36 & 40 inch, Brown), Abbeville, S. C.
Acushnet Mills Corp. (Bleached & Brown), New Bedford, Mass.
Aiken Mills (Wide & Narrow), Bath, S. C.
Alabama Cotton Mills (3.50 yds., 36 inch), Speigner, Ala.
Alice Mills (Convertible, 40 inch), Easley, S. C.
Alspaugh Cotton Mills (Narrow), Taylorsville, N. C.
American Spinning Co., Greenville, S. C.
Anderson Cotton Mills (Narrow Brown), Anderson, S. C.
Androscoggin Mills, Lewiston, Me.
Anna Cotton Mills (Brown), Kings Mountain, N. C.
Anniston Mfg. Co. (32, 36 & 40 inch, Brown), Anniston, Ala.
Aragon Mills (5-4 to 12-4), Aragon, Ga.
Arcadia Mills (40 inch, Convertible), Spartanburg, S. C.
Arista Mills Co. (Narrow), Winston-Salem, N. C.
Arkwright Mills (Wide & Narrow), Fall River, Mass.
Ashcraft Cotton Mills (Wide & Narrow Brown), Florence, Ala.
Ashland Co. (Wide Light), Ashland, R. I.
Atlas Mfg. Co., Bessemer City, N. C.
Augusta Factory (27 to 40 inch), Augusta, Ga.
Aurora Cotton Mills Co. (Fine Brown Sheetings in All Widths), Aurora, Ill.
Avon Mills (Narrow), Gastonia, N. C.
Bamberg Cotton Mills Co. (36 inch 44 x 44 Pick 6.15 yds to lb & 40 inch, 44 x 44 Pick, 5.55 yds to lb), Bamberg, S. C.
Barker Cotton Mills (Narrow Brown), Mobile, Ala.
Beaumont Mfg. Co. (Convertible), Spartanburg, S. C.
Belton Mills (Brown), Belton, S. C.
Blackstone Mfg. Co., 50 S Main, Providence, R. I.
Bonham Cotton Mills (Wide & Narrow Light), Bonham, Tex.
Boott Mills, Lowell, Mass.
Brandon Mills (36 & 40 inch), Greenville, S. C.
Brazos Valley Cotton Mills (Wide & Narrow), West, Tex.
Buck Creek Cotton Mills, Siluria, Ala.
Cabarrus Cotton Mills, Concord, N. C.
Cabot Mfg. Co. (Narrow), 70 Kilby, Boston, Mass.
Calhoun Mills (68 x 72 Pick, 39 inch, 4.75 yds to lb & 72 x 76 Pick, 39 inch, 4.25 yds to lb), Calhoun Falls, S. C.
Cannon Mfg. Co., Concord, N. C.
Cedar Falls Mfg. Co. (36 & 40 inch), Cedar Falls, N. C.
Central Mills Co. (36 to 52 inch), Southbridge, Mass.
Chadwick-Hoskins Co. (Wide & Narrow), Charlotte, N. C.
Chesnee Mills, Chesnee S. C.
Chicopee Mfg. Corp., Chicopee Falls, Mass.
Chiquola Mfg. Co. (30 & 40 inch, Convertible), Honeapath, S. C.
Clifton Mfg. Co. (28, 30, 36 & 40 inch), Clifton, S. C.
Clinton Mfg. Co. (Narrow), Woonsocket, R. I.
Columbia Cotton Mill Co. (3½ & 4 yds to lb), Columbia, Tenn.
Columbia Mfg. Co. (4-4, 46 inch, Brown), Ramseur, N. C.
Columbus Mfg. Co. (Brown, 4 yds to lb), Columbus, Ga.
Conanicut Mills (Wide), Fall River, Mass.
Conastee Mills (Narrow), Greenville, S. C.
Continental Mills (36, 40, 42 & 45 inch Brown), Lewiston, Me.
Converse D. E. Co., Glendale, S. C.
Corsicana Cotton Mills, Corsicana, Tex.
Courtnay Mfg. Co. (40 inch, Convertible), Newry, S. C.

SHEETINGS (COTTON)—continued

Cowpens Mfg. Co. (36 & 40 inch, Brown), Cowpens, S. C.
Dallas Mfg. Co. (36 to 108 inch, Brown & Bleached), Huntsville, Ala.
Davol Mills (Fine), Fall River, Mass.
Denison Cotton Mill Co. (Wide & Narrow), Denison, Tex.
Dilling Cotton Mills (38½ & 39 inch, Brown), Kings Mountain, N. C.
Dixie Cotton Mills (40 & 50 inch), La Grange, Ga.
Dunson Mills (Wide & Narrow), La Grange, Ga.
Durfee Mills (30, 36, 40 & 44 inch), Fall River, Mass.
Dwight Mfg. Co. (30, 36 & 40 inch), Exchange bldg, Boston, Mass.
Eagle Cotton Mills Co. (36 & 40 inch, Brown), Madison, Ind.
Easley Cotton Mills (Export), Easley, S. C.
Eastman Cotton Mills (Brown, 40 inch Wide, 40 to 48, 2.85 yds to lb), Eastman, Ga.
Echota Cotton Mills (3.60 yds. 60x56, 40 & 44 inch), Calhoun, Ga.
Edna Cotton Mills (40 & 46 inch), Reidsville, N. C.
Edwards Mfg. Co. (Wide & Narrow, Light), Augusta, Me.
Ella Mfg. Co. (38½ inch, 64 x 60 Pick, 5.35 yds to lb), Shelby, N. C.
Enoree Mills (Wide & Narrow), Greenville, S. C.
Enterprise Mfg. Co. (Wide & Narrow, Brown), Augusta, Ga.
Erwin Cotton Mills Co. (Wide), West Durham, N. C.
Eureka Cotton Mills (Wide), Lancaster, S. C.
Exeter Mfg. Co. (40 inch), Exeter, N. H.
Exposition Cotton Mills, Atlanta, Ga.
Farnum John & Co., 235 Chestnut, Phila., Pa.
Farwell Mills, Lisbon, Me.
Fitzgerald Cotton Mills, Fitzgerald, Ga.
Flint River Cotton Mills (38 1-2 inch, 64x60, 3.35 yds), Albany, Ga.
Florence Mills, Forest City, N. C.
Franklin Mills (4 & 5 yds to lb), Greenville, S. C.
Fulton Bag & Cotton Mills (Light), Atlanta, Ga.
Gaffney Mfg. Co. (Wide & Narrow), Gaffney, S. C.
Gaston Mfg. Co. (39 inch, Fine), Cherryville, N. C.
Gastonia Cotton Mfg. Co. (Fine Brown), Gastonia, N. C.
Gaudalupe Valley Cotton Mills (36 & 40 inch), Cuero, Tex.
Glenola Cotton Mills (40 inch), Eufaula, Ala.
Golden Belt Mfg. Co., Durham, N. C.
Gonzales Cotton Mill Co. (36 inch), Gonzales, Tex.
Graniteville Mfg. Co. (Brown), Augusta, Ga.
Great Falls Mfg. Co., Somersworth, N. H.
Greenwood Cotton Mills (Fine, 40 inch), Greenwood, S. C.
Grendel Mills (Wide), Greenwood, S. C.
Griswoldville Mfg. Co., Griswoldville, Mass.
Grosvenor Dale Co., Grosvenor bldg, Providence, R. I.
Hamilton Mfg. Co. (Narrow), Lowell, Mass.
Hamrick Mills (38½ inch, 64 x 60 Pick, 5.35 yds to lb), Gaffney, S. C.
Harmony Grove Mills (60 inch, Brown), Commerce, Ga.
Harmony Mills, Cohoes, N. Y.
Hartwell Mills (36 & 40 inch, Fine), Hartwell, Ga.
Hebron Mfg. Co. ("Fruit of the Loom"), 21 So Main, Providence, R. I.
Henderson Cotton Mills (36 inch, Brown), Henderson, Ky.
Henderson Cotton Mills (40 inch, Brown), Henderson, N. C.
Henrietta Mills (2.85 to 6 yds to lb, 64 to 84 Pick, 30 to 40 inch), Caroleen, N. C.
Hermitage Cotton Mills, Camden, S. C.
High Shoals Co. (36 to 40 inch), Charlotte, N. C.
High Shoals Mfg. Co. (Wide & Narrow), High Shoals, Ga.
Hill Mfg. Co. (40 & 48 inch), Lewiston, Me.
Home Cotton Mills (All Consumed by Co.), 2d & Barton, St. Louis, Mo.
Hope Co. (36 inch Bleached), Hope, R. I.
Humbolt Cotton Mills (Wide & Narrow), Humbolt, Tenn.
Imperial Cotton Mills, Eatonton, Ga.
Indian Head Mills of Ala. (36 & 40 inch), Cordova, Ala.
Irdianapolis Bleaching Co. (Brown, for Bags), Indianapolis, Ind.
Inman Mills (Wide, 72 x 76 Pick, 4.25 yds. to lb.), Inman, S. C.
Inverness Mills Co., Winston-Salem, N. C.
Itasca Cotton Mfg. Co. (36 inch), Itasca, Tex.
Jackson Co., Nashua, N. H.
Jackson Mills (36 inch, 3, 4 & 4½ yds. to lb.), Iva, S. C.
Kesler Mfg. Co. (Wide), Salisbury, N. C.
King John P. Mfg. Co. (Standard & Fine), Augusta, Ga.
Lafayette Cotton Mills, Lafayette, Ga.
Lancaster Cotton Mills (40 inch), Lancaster, S. C.
Lanett Cotton Mills (Wide), West Point, Ga.
Laurel Cotton Mills (Narrow), Laurel, Miss.
Limestone Mills (39 inch, 68 x 72 Pick, 4.75 yds. to lb.), Gaffney, S. C.
Lincoln Cotton Mills Co. (30, 36, 40 & 90 inches Wide), Evansville, Ind.
Little Androscoggin Water Power Co., Auburn, Me.
Lockhart Mills (36 & 40 inch, Brown), Lockhart, S. C.
Lockwood Co. (36 to 108 inch), Waterville, Me.
Lonsdale Co. (Fine Bleached), Providence, R. I.
Loray Mills (Coarse, Heavy), Gastonia, N. C.
Lydia Cotton Mills, Clinton, S. C.
Lyman Mills, Holyoke, Mass.
Lynchburg Cotton Mills (Wide & Narrow), Lynchburg, Va.
Magnolia Cotton Mills Co. (Up to 40 inch), Magnolia, Miss.
Manchester Cotton Mills (Wide), La Grange, Ga.
Mandeville Mills (39 inch, 68 x 72, 4¾ yds.), Carrollton, Ga.
Manville Co. Board of Trade bldg, Providence, R. I.
Maplecroft Mills (40 inch, 72 x 68 Pick, 6 yds. to lb.), Liberty, S. C.
Martinsville Cotton Mills Co. (39 inch, 72 x 76 Pick, 4.25 yds. to lb.), Martinsville, Va.
Mary Leila Cotton Mill (36 inch, 52 x 46, 4.50 yds. to lb., 48-40, 5.50 yds. to lb. & 48 x 48, 5 yds. to lb.), Greensboro, Ga.
Millville Mfg. Co., 626 Chestnut, Phila., Pa.
Modena Cotton Mills (40 inch), Gastonia, N. C.
Mollohon Mfg. Co. (Wide), Newberry, S. C.
Monadnock Mills (Wide & Narrow), Claremont, N. H.
Monarch Cotton Mills (Convertible), Union, S. C.
Monoghan Mills (40 & 60 inch for Oil & Shade Cloth, etc), Greenville, S. C.
Monroe Cotton Mills (36 & 40 inch, 60 x 56, 4 yds. to lb. & 48 x 52, 4.50 yds. to lb.), Monroe, Ga.
Montala Mfg. Co. (36 & 40 inch), Montgomery, Ala.
Monticello Cotton Mills (Wide & Narrow), Monticello, Ark.
Mooresville Cotton Mills, Mooresville, N. C.
Moultrie Cotton Mills (Wide & Narrow, 3½ to 6 yds. to lb.), Moultrie, Ga.
Naumkeag Steam Cotton Co. (Wide), Salem, Mass.
Newberry Cotton Mills (30 & 40 inch, Brown), Newberry, S. C.
Newmarket Mfg. Co., Newmarket, N. H.
Nightingale-Morse Mills (Wide), Putnam, Conn.
Ninety-Six Cotton Mill (36 & 40 inch, Convertible), Ninety-Six, S. C.
Nixon Mfg. Co. (4 & 5 yd. Sheetings, 36 in. Wide), Augusta, Ga.
Norris Cotton Mills Co. (68 x 72 Pick, 39 inch, 4.75 yds. to lb.), Cateechee, S. C.
Nottingham Mill (40 inch), 314 Dyer, Providence, R. I.
Oconee Mills Co. (30 & 37 inch), Westminster, S. C.
Orangeburg Mfg. Co. (36 inch, Brown), Orangeburg, S. C.
Orr Cotton Mills (30, 36 & 40 inch), Anderson, S. C.
Osage Mfg. Co. (38 inch, 64 x 50, 5.35 yds. to lb.), Bessemer City, N. C.
Pacific Mills, Lawrence, Mass.
Pacolet Mfg. Co. (36 inch, 48 x 48 Standard Brown), Spartanburg, S. C.
Patterson Mfg. Co. (36 to 52 inch, Brown), China Grove, N. C.
Pearl Cotton Mills (Wide), East Durham, N. C.
Pelzer Mfg. Co. (Brown), Pelzer, S. C.
Pepperell Mfg. Co., Biddeford, Me.
Pickens Mills (56 x 60 Pick, 4 yds. to lb., Convertible), Pickens, S. C.
Piedmont Mfg. Co. (30 to 40 inch), Piedmont, S. C.
Pocasset Mfg. Co., Fall River, Mass.
Poe F. W. Mfg. Co. (40 inch, Convertible), Greenville, S. C.
Poulan Cotton Mills (40 inch, 4 yds. to lb.), Poulan, Ga.
Putnam Mfg. Co., Putnam, Conn.
Quidnick-Windham Mfg. Co., Willimantic, Conn.
Quinebaug Co. (36 to 40 inch), Danielson, Conn.
Randolph Mfg. Co., Franklinville, N. C.
Rhodes Mfg. Co. (Heavy, Wide), Lincolnton, N. C.
Rhodhiss Mfg. Co. (Wide & Narrow), Rhodhiss, N. C.
Riverside & Dan River Cotton Mills (Wide, Bleached & Brown), Danville, Va.
Roswell Mfg. Co. (Wide & Narrow), Roswell, Ga.
Royal Mills (Wide & Narrow), Charleston, S. C.
Royall Cotton Mills (28½ inch), Wake Forest, N. C.
Sanford Cotton Mills (36 inch, 4 yds. to lb.), Sanford, N. C.
Saunders Cotton Mills (40 inch), Saundersville, Mass.
Scottdale Mills (36 & 40 inch, Brown), Scottdale, Ga.
Seminole Mills (Wide), Clearwater, S. C.
Seneca Cotton & Warehouse Co. (39 inch, 72 x 76 Pick, 4.25 yds. to lb.), Seneca, S. C.
Shelby Cotton Mills (38½ inch, 64 x 56 Pick, 5½ yds. to lb.), Shelby, N. C.
Sibley Mfg. Co. (Wide & Narrow, Brown), Augusta, Ga.
Slater Mfg. Co. (Wide & Narrow), Pawtucket, R. I.
Smith J. E. Cotton Mfg. Co. (Wide & Narrow), Thomson, Ga.
Spartan Mills (Wide & Narrow), Spartanburg, S. C.
Stark Mills, Manchester, N. H.
Stonewall Cotton Mills (32 & 36 inch Heavy & Fine Brown Sheetings), Stonewall, Miss.
Strickland Cotton Mills (Wide, 4 & 6 yds. to lb.), Valdosta, Ga.
Sylvan Cotton Mills (36 & 40 inch), Shelbyville, Tenn.
Thomaston Cotton Mills (Wide & Narrow, 4 & 4½ yds. to lb.), Thomaston, Ga.
Tipton Cotton Mills (38½ inch, 64 x 60 Pick, 5.35 yds. to lb.), Covington, Tenn.
Toccoa Cotton Mills (36 inch, 44 & 36, 4.50 yds. to lb. & 40 inch, 44 x 40, 4.25 yds. to lb.), Toccoa, Ga.
Tombigbee Cotton Mills (Wide & Narrow), Columbus, Miss.
Tremont & Suffolk Mills, Lowell, Mass.
Trion Co. (7-8 & 4-4 Brown & Fine Sheetings), Trion, Ga.
Turners Falls Cotton Mills, Turners Falls, Mass.
Tuscaloosa Mills, Tuscaloosa, Ala.
Union Buffalo Mills Co. (Wide & Narrow), Union, S. C.
Union Cotton Mills (36 inch, 4 to 4.50 yds. to lb. & 40 inch, 3.60 yds. to lb.), Lafayette, Ga.
Utica Steam & Mohawk Valley Cotton Mills, Utica, N. Y.
Utica Willowvale Bleaching Co. (Up to 108 inches Wide), Chadwicks, N. Y.
Uxbridge Cotton Mills (40 inch), North Uxbridge, Mass.
Virginia Consolidated Milling Co. (Wide & Narrow), Petersburg, Va.
Walton Cotton Mill Co. (36 & 40 inch, Heavy), Monroe, Ga.
Wamsutta Mills, New Bedford, Mass.
Ware Shoals Mfg. Co., Ware Shoals, S. C.
Warren Mfg. Co., Warren, R. I.
Washington Mills Co. (Wide & Narrow), Mayodan, N. C.
Watts Mfg. Co. (36 inch, Brown), Lilledoun, N. C.
Watts Mills (Narrow, Medium & Wide), Laurens, S. C.
Wennonah Cotton Mills (30 to 40 inch), Lexington, N. C.
Whitney Mfg. Co. (36 & 40 inch), Whitney, S. C.
Winona Cotton Mills, Winona, Miss.

Sheets (Aluminum)

See Aluminum Sheets & Rods

13480—*Sheets (Cotton Pick)

Atlanta Tent & Awning Co., Atlanta, Ga.

13480a—Sheets (Cupro Nickel)

New England Brass Co., Taunton, Mass.

Sheets (Fibre)

See Fibre, Hard

13481—Sheets (German Silver)

American Brass Co., Waterbury, Conn.
For branch offices see Alphabetical Section
Benson H. K. & F. S., Glen Ridge, N. J.
Besly Chas. H. & Co. (Jobbers), 120 N Clinton, Chicago, Ill.
Bridgeport Brass Co., Bridgeport, Conn.
Bristol Brass Co., Bristol, Conn.
Chase Metal Works, Waterbury, Conn.
Chase Rolling Mill Co., Waterbury, Conn.
Connecticut Brass & Mfg. Corp. (Thin Gauges), Waterbury, Conn.
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
Electrical Alloy Co., Morristown, N. J.
Hungerford U. T. Brass & Copper Co. (Sheets or Rolls), 80 Lafayette, New York
Merchant & Evans Co. (Sheets & Rolls), 2035 Washington av, Phila., Pa.
See adv index at end of book
Metal Products Co., Inc., 100 So. Jefferson, Chicago, Ill.
See adv index at end of book
New England Brass Co., Taunton, Mass.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Riverside Metal Co., Riverside, N. J.
SCOVILL MFG. CO., Waterbury, Conn.
See adv index at end of book
Seymour Mfg. Co., Seymour, Conn.
Shimer, McGlynn & Co., 19th & Washington av, Phila., Pa.
Somers Co., Inc. (Thin Gage), Waterbury, Conn.
Stamford Rolling Mills Co., Springdale, Conn.
Trumpbour-Whitehead Brass & Copper Co., 309-311 Canal, New York, and 43 N. 7th, Phila., Pa.
See adv index at end of book
Waterbury Rolling Mills, Waterbury, Conn.
Whitehead Metal Products Co., 67-73 Washington, North Boston, Mass.
See adv index at end of book

13482—Sheets (Manganese Bronze)

American Manganese Bronze Co. ("Spare's" Rolled Sheets), 3501 Rhawn, Phila., Pa.
Cramp Wm. & Sons Ship & Engine Building Co. ("Parson's" Rolled Sheets), Beach & Ball, Phila., Pa.

13483—Sheets (Manganese Steel)

Alloy Steel Forging Co., Carnegie, Pa.

13484—Sheets (Monel Metal)

Driver-Harris Co., Harrison, N. J.
SUPPLEE-BIDDLE HARDWARE CO., (Perforated), 510 Commerce, Phila., Pa. *See adv index at end of book*

13485— Sheets (Nickel)

Boker H. & Co., Inc., 101 Duane, New York
Driver-Harris Co. (Pure Malleable), Harrison, N. J.

13485a—*Sheets (Nickel Silver)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see Alphabetical Section
Connecticut Brass & Mfg. Corp., Waterbury, Conn.
New England Brass Co., Taunton, Mass.

13485b—*Sheets (Steel & Iron)

YOUNGSTOWN SHEET & TUBE CO. (Black, Galvanized, Painted, Plain & Corrugated), Youngstown, O.

13486—Sheets (Tobin Bronze)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

13487—Sheets (Toncan Metal)

Stark Rolling Mill Co. (Black & Galvanized Toncan Metal Rust-Resisting Sheets), Canton, O.

13488—Sheets (White Metal)

Detroit White Metal Co., Inc., 628 W Jefferson av, Detroit, Mich.
Seymour Mfg. Co. (Special White Metal Polished Wide & Leveled), Seymour, Conn.

13489—Sheets (Yellow Metal)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Stanford Rolling Mills Co., Inc., Springdale, Conn.

13490— Shellac

Androvette & Townsend (Shellac Gum) (Imp.), 235 Water, New York
Apothecaries Hall Co., Waterbury, Conn.
Barrett M. L. & Co. (Gums, Orange & White), 233 W Lake, Chicago, Ill.
Behlen H. & Bro., 371 Pearl, New York
Berry Bros. (Bleached), Detroit, Mich.
Carleton E. Everett & Co. (Imp. Orange), 133 Front, New York
Day James B. & Co., 214 W Ohio, Chicago, Ill.
Devoe & Raynolds Co., Inc. (Imp. for Brewers, etc), 101 Fulton, New York
Downing R. F. & Co., 45 Pearl, New York
Fales W. H. Co. (Varnish), 62 Maiden la, New York
Feigel M. & Bro. (Bleached, Varnish, etc), 185 Wooster, New York
Gilman Paint & Varnish Co., Chattanooga, Tenn.
Glidden Varnish Co. (Hard Oil, etc.), 1755 W Madison, Cleveland, O.
Harshaw, Fuller & Goodwing Co., Cleveland, New York & Philadelphia
Kasebier-Chatfield Shellac Co. (Kiln Dried Bleached & Refined, also Imp. Orange), 175 Pearl, New York
Kitz Joseph, 333 Jefferson, Hoboken, N. J.
Knox & Morse Co., 96 High, Boston, Mass.
Lancaster Paint & Glass Co., Lancaster, Pa.
McKesson & Robbins (Gums, Imp.), 91 Fulton, New York
MacLac Co. (Bleached & Refined), 9 Cliff, New York
Marx & Rawolle (Orange Bleached & Varnishes), 100 William, New York
Murphy Varnish Co., McWhorter, Newark, N. J.
Nice Eugene E., 272 S 2d, Phila., Pa.
See adv index at end of book
Peabody Henry W. & Co. (Imported), 17 State, New York
Ralli Bros. (Imp.), 11 William, New York
Rogers Pyatt Shellac Co. (Orange & Bleached), 81 Water, New York
Scheel Wm. H. (Imported), 159 Maiden la, New York
Standard Varnish Wks., 90 West, New York
Standard Varnish Works ("Kleartone"), 2589 Richmond ter., Elm Park, N. Y.
Tappenbeck W. (Imp.), 106 Wall, New York
Thurston F. W. Co., 1832 S Clark, Chicago, Ill.
United Varnish Co., 300 Hancock, Long Island City, New York
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.
Whittemore-Wright Co. (Gum, Orange, Garnet & Bleached), Charlestown, Boston, Mass.
Zinsser Wm. & Co. (Orange, Imp.), 195 William, New York

13491— Shellac Substitutes

Scheel Wm. H. (Imported), 159 Maiden la, New York
Thurston F. W. Co., 1832 S Clark, Chicago, Ill.

13492— Shellers (Corn)

American Bell & Foundry Co., Northville, Mich.
American Seeding Machine Co., Richmond, Ind.
Ames Plow Co., Quincy Hall, Boston, Mass.
Appleton Mfg. Co. ("New Hero" Force Feed & "Royal" "Badger"), Batavia, Ill.
Barnard & Leas Mfg. Co. ("Victor"), Moline, Ill.
BARTLETT C. O. & SNOW CO., French, Cleveland, O.
See adv index at end of book
Bayley Wm Co., Springfield, O.
Belcher & Taylor Ag'l Tool Co., Chicopee Falls, Mass.
Blymyer Iron Works Co. (Hand & Power), Cincinnati, O.
Brinly Hardy Co. ("Red Chief"), Louisville, Ky.
Bristol & Gale Co., 158 Carroll av, Chicago, Ill.
Buch's A. Sons Co. ("Buch's"), Elizabethtown, Pa.
Cardwell Machine Co., 1900 E Cary, Richmond, Va.
Challenge Co., Batavia, Ill.
Conner J. W. & Son, Orangeville, Pa.
Donaldson Bros. (Hand), Mount Clemens, Mich.
Eagle Machine Co., Lancaster, O.
Ellis Keystone Agricultural Works ("Cannon" Sheller & Cleaner, with Bagger, etc; also "Pottstown" & Double Sheller), Pottstown, Pa.
Emerson - Brantingham Co. ("Reeves" Cylinder), Rockford, Ill.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Farquhar A. B. Co. (Ltd.), York, Pa.
Fort Worth Well Machy. & Supply Co., Fort Worth, Tex.
Freeman Mfg. Co. (Hand & Power), Dept. O., Racine, Wis.
Gehl Bros. Mfg. Co., West Bend, Wis.
Genesee Valley Mfg. Co. (Hand & Power), Mount Morris, N. Y.
Gray Iron Casting Co. (Hand), Springfield, Ohio
Great Western Mfg. Co., Leavenworth, Kan.
Haish Jacob Co., De Kalb, Ill.
Harriman Mfg. Co., Harriman, Tenn.
Harrison W. R. & Co. ("Tornado"), Massillon, O.
Hench & Dromgold Co. (Hand & Power), York, Pa.
Hobson & Co., Easton, Pa.
Hocking Valley Mfg. Co. (Hand & Power), Lancaster, O.
Howell R. R. & Co., 31st av, Minneapolis, Minn.
Howes S. Co., Silver Creek, N. Y.
Humphrey & Sons, Joliet, Ill.
Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.
Joliet Mfg. Co. (Power), Joliet, Ill.
Keystone Machine Co., York, Pa.
King & Hamilton Co., Ottawa, Ill.
Lehr Agricultural Co., Fremont, O.
Loetscher-Ryan Mfg. Co. ("Star"), Dubuque, Ia.
Luthy & Co., Peoria, Ill.
McGrath Robert M. Foundry & Machine Wks., Lafayette, Ind.
Mann F. W. Co. (Ball Bearing), Milford, Mass.
Marseilles Co. ("Cyclone" Spring, "New Marseilles" Cylinders, Power & Hand), E Moline, Ill.
Messinger Mfg. Co. (Power & Hand), Tatamy, Pa.
Minneapolis Threshing Machine Co. (Power), 226 N 2d, Minneapolis, Minn.
Moore Plow & Implement Co., Greenville, Mich.
Mountville Mfg. Co. ("Hero"), Mountville, Pa.
New Winona Mfg. Co., Winona, Minn.
Nordyke & Marmon Co. (Hand & Power), 1290 Kentucky av, Indianapolis, Ind.
Ohio Rake Co. (Hand), Dayton, O.
Patch A. H. ("Black Hawk," Hand), Clarksville, Tenn.
Peppler Thomas Son & Co., Hightstown, N. J.
Port Huron Engine & Thresher Co. (Power Shellers), Port Huron, Mich.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Red Chief Mfg. Co., Louisville, Ky.
Rock Island Mfg. Co., Rock Island, Ill.
Root-Heath Mfg. Co. ("Little Giant," "Neverfail," "R. & H." Hand), Plymouth, O.
Rumely Leo Tractor Co. ("Advance" Power), La Porte, Ind.
Sandwich Mfg. Co., Sandwich, Ill.
Smalley Mfg. Co., Manitowoc, Wis.
Smith, Philip Mfg. Co. (Power), Sidney, O.
Sprout, Waldron & Co. ("Monarch"), Muncy, Pa.
Star Heel Plate Co. ("Ever-Ready"), Hamburg pl, Newark, N. J.

SHELLERS (CORN)—continued

Star Mfg. Co. (Huskers & Shellers Combined), Carpentersville, Ill.
Tiffin Wagon Co., Tiffin, O.
Union Iron Works (Inc.) ("Western" Power), Decatur, Ill.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Watts Mfg. Co. ("Watts," Power), Jackson, Mich.
Whitaker Mfg. Co., 409 S Green, Chicago, Ill.
White's S. R. Sons (Inc.), Norfolk, Va.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.
Whitman Agricultural Co. ("King," "Derby," "Queen," "Mississippi Valley," Hand & Power), 7000 S B'way, St. Louis, Mo.
Wolf Co., Chambersburg, Pa.

Shellers (Nut)

See Nut Crackers & Picks

13493— Shells (Condenser)

Continental Iron Works, West & Calyer, Brooklyn, N. Y.

13494— Shells (Core)

Imperial Iron Works (For Diamond Drills), Duluth, Minn.

13495-6—Shells (Disinfector)

Quaker City Iron Works (Of Heavy Plate Steel, Jacketed & Stay Bolted), Tioga & Edgemont, Phila., Pa.

13497-8— Shells (Fuse)

Daum A. F. Electric Fuse Co. ("Daum's" Refillable Cartridge), 1157 Hodgkiss, Pittsburgh, Pa.

Shells (Loaded)

See Ammunition

Shells (Ordnance)

See Shells, Seamless Steel; also Projectiles, Steel

13499— Shells (Pearl)

Isenstein Otto & Co. (Imp), 10 Hubert, New York

13499a— *Shells (Push Button)

CAHILL M. F., 710 E 2d, Boston, Mass.
See adv index at end of book

13500— Shells (Roll)

American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 832 S Michigan av, Chicago, Ill.
Midvale Steel & Ordnance Co., Widener bldg, Phila., Pa.
Railway Steel Spring Co., 30 Church, New York
Standard Steel Works Co. ("Standard" Solid Weldless), Morris bldg, Phila., Pa.

13501— Shells (Rolled Chrome Steel)

Chrome Steel Works, Chrome, N. J.

13502—Shells (Seamless Steel)

Bethlehem Steel Co., S Bethlehem, Pa.
Boston Pressed Metal Co. (& Brass), 169 Union, Worcester, Mass.
Columbiana Boiler Co., Columbiana, O.
Pressed Steel Tank Co., Milwaukee, Wis.
Worcester Pressed Steel Co., Worcester, Mass.

Shells (Shot Gun)

See Ammunition

13503—Shells (Straight & Taper Bore)

Railway Steel Spring Co., 30 Church, New York

13504— Shells (Wooden)

Martin Adolph (Est. of), Passaic, N. J.

13505—Shelves (Expansion Tank)

Tyler Fred A. ("Quickest"), Albany, N. Y.

13506— Shelves (Glass)

See also Bath Room Fixtures & Furnishings

Falconer Mirror Co., Falconer, N. Y.
Gallagher P. J., 24 New Chambers, New York
Hendricks-Martz Bros. Co., Shelby & Larned, Detroit, Mich.
National Refrigerator & Fixture Co., 8th & Park, St. Louis, Mo.
Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill. *See adv index at end of book*
Novelty Mfg. Co., Waterbury, Conn.
Saginaw Mirror Wks., Saginaw, Mich.
Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
Stephenson C. H. ("Stephenson"), Lynn, Mass.

13506a— Shelves (Refrigerator)

American Mfg. Co., Chattanooga, Tenn.

13507—Shelves (Stove Pipe)

Parker Wire Goods Co. (Wire), Worcester, Mass.

13508—*Shelving (Adjustable, for Libraries, Etc.)

SNEAD & CO. IRON WORKS, 98 Pine, Jersey City, N. J.
See adv index at end of book

13509—Shelving (Glass Front, Sectional)

Grand Rapids Show Case Co. (Store), Grand Rapids, Mich.
Slane O. W. Glass Co., York, Pa.
Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
Warren J. D. Mfg. Co., Masonic Temple, Chicago, Ill .

13510—*Shelving (Newspaper)

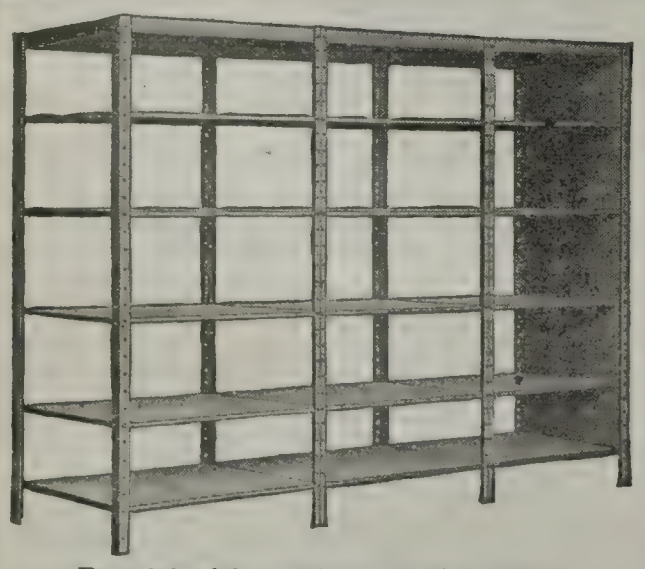
Medart Fred. Mfg. Co., De Kalb & Potomac, St. Louis, Mo.
See adv index at end of book
SNEAD & CO. IRON WORKS (Steel), 98 Pine, Jersey City, N. J.
See adv index at end of book

Shelving (Shop)

See Shelving, Steel

13511— Shelving (Steel)

Allsteelequip Co. (Adjustable for all Purposes), Aurora, Ill.
Arnold S. G. ("Guttman" Sectional Shop or Stock), 2619 W Van Buren, Chicago, Ill.
Art Metal Construction Co., Jamestown, N. Y.
Berger Mfg. Co. (Plain & Roller), Canton, Ohio
Bernstein Mfg. Co., 3rd & Westmoreland, Phila., Pa.
Canton Art Metal Co., Canton, O.
Clark W. J. Co., Salem, O.
Cleveland Metalcraft Co., Cleveland, O.
Cleveland Wire Spring Co. (Shop), Cleveland, O.
Columbia Metal Bar Co., 226 E 144th, New York
Darby Edw. & Sons Co. ("Pen-Dar," Adjustable), 239 Arch, Phila., Pa.
Dexter Metal Mfg. Co. ("Universal," "Merritt," for Vault, etc), 93 Arch, Camden, N. J.
Durand Steel Locker Co. (For Vaults & Shops, etc), 1435 Ft. Dearborn Bk. bldg, Chicago, Ill.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Edwards O. M. Co., Syracuse, N. Y.
Fire-Proof Furniture & Construction Co., Miamisburg, O.
Fouts C. C. Co., 650 Woodlawn av, Middletown, O.
General Fireproofing Co. (Store, Shop & Office), Youngstown, O.
Globe-Wernicke Co. (Sectional), 25 Carthage av, Cincinnati, O.
HART & HUTCHINSON CO. ("H. & H."), Dept. C, New Britain, Conn.
Heller W. C. & Co. (Hardware), Montpelier, Ohio
Heltzel Steel Form & Iron Co., Warren, O.
See adv index at end of book
Jefferies Richard W. Co. (Pressed Steel), Camden, N. J.
Kabureck Geo., 1123 B'way, New York
Kalamazoo Sheet Metal Mfg. Co., Kalamazoo, Mich.
Keyless Lock Co., Indianapolis, Ind.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lothrop Mfg. Co., 15 W Kinzie, Chicago, Ill.
Lyon Metallic Mfg. Co. ("Lyon," Adjustable or Stationary, for All Purposes), Aurora, Ill.



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New Britain Machine Co., ("New Britain," also Cast Iron), 190 Chestnut, New Britain, Conn.
OHIO MFG. CO., P. O. Box 358, Painesville, O. *See adv index at end of book*
Ohio Steel Metal Co., Canton, Ohio.
SNEAD & CO. IRON WORKS, 98 Pine, Jersey City, N. Y.
See adv index at end of book
Steel Fixture Mfg. Co. (Vault, etc), Topeka, Kans.
Terrell's Equipment Co. (With or Without Doors), Broadway, Grand Rapids, Mich.
Van Dorn Iron Works Co. (Steel Roller Book Shelves), 2700 E 79th, Cleveland, O.
Watson Mfg. Co., Jamestown, N. Y.
Willcox Engineering Co., 1525 Holland av, Saginaw, Mich.
Wilson Andrew Co., 616 Essex, Lawrence, Mass. *See adv index at end of book*

13512—*Shelving (Warehouse)

Medart Fred. Mfg. Co., De Kalb & Potomac, St. Louis, Mo.
See adv index at end of book
SNEAD & CO. IRON WORKS, 98 Pine, Jersey City, N. Y.
See adv index at end of book

13513-4— Sherardizing

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Globe Machine & Stamping Co. (Dry Galvanizing), 1250 W 76th, Cleveland, O.
Hunt Metal Corner Co., Westboro, Mass.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
MOHEGAN TUBE CO., Scott av & Meserole, Brooklyn, N. Y.
See adv index at end of book
New Castle Steel & Iron Co., Pittsburgh, Pa.
New Haven Sherardizing Co., New Haven, Conn.
Ohio Sherardizing Co., Whitney Power blk, Cleveland, O.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book
Steel City Electric Co., 1207 Columbus av, Pittsburgh, Pa.
U. S. Sherardizing Co., New Castle, Pa.
Wrought Washer Mfg. Co., Milwaukee, Wis.

13515— Shields (Buckle)

Frazer & Jones Co., Syracuse, N. Y.
North & Judd Mfg. Co. ("Mossman," & "Royal" Flexible), New Britain, Conn.

13516— Shields (Dress)

Benedict C. Mfg. Co., 591 Mission, San Francisco, Cal.
Beyerle J. J. Mfg. Co. ("Puritan"), 81 S 5th, Brooklyn, N. Y.
Kleinert I. B. Rubber Co., 725 B'way, New York
Mystic Rubber Co., West Medford, Mass.

13517— Shields (Erasing, for Draughtsmen)

American Safety Lamp & Mine Supply Co., Scranton, Pa.

Shields (Eye, Goggles)

See Goggles & Eye Protectors

13518—Shields (Furnace Port)

American Welding Co., Carbondale, Pa.

13518a— Shields (Gear)

Evans Oil Works, 637 Elsmere, Cincinnati, Ohio
Ironsides Co. ("Ironsides"), Columbus, O.

13519— Shields (Lamp Eye)

Bay State Optical Co. (Mica, for Working Over Fires), Attleboro, Mass.
Chicago Eyeshade Co., 128 S Clinton, Chicago, Ill.
Chicago Eye Shield Co., 2304 Warren av, Chicago, Ill.
Featherweight Eye Shade Co., Merchantsville, N. J.
White W. B. & Son, Quincy, Mass.

13520— Shields (Linemen's)

Lineman Protector Co. ("Marshall's," also Shoes & Cross Arm Protectors), Penobscot bldg, Detroit, Mich.

13521—Shields (Water Closet)

Brown Hoisting Machinery Co. ("Brown" Sanitary), 4403 St. Clair N E, Cleveland, O.

13521a—Shields (Wire Rope)

Ironsides Co. ("Ironsides"), Columbus, O.

13522—Shieves (Stamped Metal)

Mossberg Frank Co., Attleboro, Mass.

Shifters (Belt)

See Belt Shifters

13523— Shifters (Phase)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
States Co. (Potential, For Testing Electric Meters), Hartford, Conn.

13524— *Shim Steel

WARD'S EDGAR T. SONS CO., 44-54 Farnsworth, Boston, Mass.
See adv index at end of book

13525-6— Shims

Detroit Leather Works (Leather), 141 Champlain, Detroit, Mich.
Fitzgerald Mfg. Co. (Brass, Steel & Zinc), Torrington, Conn.
GASKET SUPPLY CO .("Right" Brass, Zinc & Steel & Laminated Brass), 1927 Ludlow, Phila., Pa.
See adv index at end of book
Harry Bros. Mfg. Co., 282 Woodbridge, E Detroit, Mich.
Kales-Haskel Co. (Laminated Brass, etc), 443 Lafayette, W Detroit, Mich.
Laminated Shim Co. ("Laminated Brass"), 533 Canal, New York
Lanz M. & Sons (Pole), 2907 Carson, Pittsburgh, Pa.
McCord Mfg. Co., Detroit, Mich.
National Fibre & Insulation Co. (Switch), Yorklyn, Del.
National Leather Mfg. Co. ("National," "Wolverine"), Niles, Mich.
Oakes Co., The, Indianapolis, Ind.
Rhineland Machine Works Co. (Laminated, Imp), 1737 B'way, New York
Unique Findings & Supply Co., 36 Garnet, Providence, R. I.
Worcester Pressed Steel Co., Worcester, Mass.

13527-8— Shiners (Shoe)

Andrews A. H. Co. (Handy, Portable Metal, Combined Seat & Rest), 115 S Wabash av, Chicago, Ill.
Piqua Bracket Co. ("Gem" Shoe Holder & Polisher), Piqua, O.

13529— Shingle Stains

Acme White Lead & Color Works, Detroit, Mich.
Adams & Elting Co. ("Ad-el-ite"), 726 Washington blvd, Chicago, Ill.
American Mfg. Co. ("Conrad's" Creosote), 114 Plymouth av, N Minneapolis, Minn.
American Wood Preserving Co. ("Antiseptic"), 1351 N Branch, Chicago, Ill.
Arco Co., Euclid & E 65th, Cleveland, O.
Arlington Mfg. Co., Canton, Ohio
Atlas Paint Co., Sharpsburg, Pa.
Atlantic Paint Co. ("Atlantic"), Cleveland, O.
Barrett Co. ("Velvex"), 17 Battery pl, New York
Bayerson Oil Works, Erie, Pa.
Berry Bros. (Singletint), Detroit, Mich.
Boydell Bros. White Lead & Color Co., Detroit, Mich.
Cabot Samuel (Inc.), 141 Milk, Boston, Mass.
Carbolineum Wood Preserving of N. Y., 41 Greene, New York
Chilton Paint Co., College Point, N. Y.
Connors Wm. Paint Mfg. Co., Troy, N. Y.
Cooper Geo. W., Denver, Colo.
Crest Chemical Co., Seattle, Wash.
Davis H. B. Co., Keyser bldg, Baltimore, Md.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Dexter Bros. Co. ("English"), 105 Broad, Boston, Mass.
Ford Mfg. Co. ("Petrosote" Preservative), 2339 La Salle, Chicago, Ill.
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
General Roofing Mfg. Co., 17th & Southern Ry., E St. Louis, Ill.
Hammond Paint & Slug Shot Works, Beacon, N. Y.
Harrison Works (Du Pont), 35th & Grays Ferry rd, Phila., Pa.
Horn A. C. Co., Bodine, Long Island City, New York
Indianapolis Chemical Co., 1444 Madison av, Indianapolis, Ind.
Lancaster Paint & Glass Co. ("Eureka"), Lancaster, Pa.
Lawrence W. W. & Co., N Carson, Pittsburgh, Pa.
Lincoln Paint & Color Co. ("Lincoln"), Lincoln, Neb.
Menzel Wm. & Son (Imp.), 64 Broad, New York
Moore Benj. & Co., 281 Front, Brooklyn, N. Y.
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
Nebraska Paint & Lead Co., Lincoln, Neb.
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
NICE EUGENE E., 272 S 2d, Phila., Pa.
See adv index at end of book
Ohio Chemical Co., Findlay, O.
Parker, Preston & Co. (Waterproof & Odorless), Norwich, Conn.
Patterson-Sargent Co., Cleveland, Ohio
Patton Paint Co. (Taron Paste), Milwaukee, Wis.
Price Fire & Water Proofing Co. (Fireproofing Creosote), Poughkepsie, N. Y.
Pyramid Paint Co., 133 N 22d, Phila., Pa.
Pyrolin Co. ("Pyrolin"), Fort Dodge, Ia.
Sherwin-Williams Co., Cleveland, O.
Skinner Douglas Paint Co., Kansas City, Mo.
Sonneborn L. Sons ("Shingle-edges"), 262 Pearl, New York
Vilas Bros. ("Impervious"), 717 S 5th av, Chicago, Ill.
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.
Whitehead Paint Co. ("Whitehead"), 702 W 48th, New York
Wilhelm A. Co. ("Fernoleum"), Reading, Pa.
Woodlife Co. ("Woodlife," "W-L"), 262 Fulton, Brooklyn, N. Y.

13530— Shingles (Asbestos)

Asbestos Protected Metal Co., Beaver Falls, Pa.
Asbestos Shingle Co., Nashau, N. H.
Johns H. W.-Manville Co. ("J.-M"), Madison av & 41st, New York
Trus-Con Laboratories, Detroit, Mich.

13531— Shingles (Asphalt)

See Also Roofing, Asphalt Ready

All Roofing Mfg. Co. ("Armco"), 1843 Converse av, East St. Louis, Ill.
Asphalt Ready Roofing Co. ("Hudson" Slate Surfaced), 9 Church, New York
Barber Asphalt Paving Co., Land Title bldg., Phila., Pa.
Beckman-Dawson Co. (Tapered), Association bldg, Chicago, Ill.
Bird & Son ("Neponset" Saturated Asphalt), East Wapole, Mass.
Certain-teed Products Corp., St. Louis, Mo.
Cordes, Ayrault & Co., Tonawanda, N. Y.
Edwards Mfg. Co., Cincinnati, O.
See adv index at end of book
Flintkote Co. ("Rex Strip," "Rex Wide Space," "Rex Diamond Paint," "Reversible Paint" Strip, Asphalt Slate Surfaced), 88 Pearl, Boston, Mass.
General Roofing Mfg. Co. ("Certain Teed" Slate Surface), Boatman's Bank bldg, St. Louis, Mo.
Heppes-Nelson Roofing Co. ("Flex-A-Tile"), 4500 Fillmore, Chicago, Ill.
International Roofing Mfg. Co., 5301 S Western av, Chicago, Ill.
Keystone Roofing Mfg. Co. ("Keystone" Slate Finish), York, Pa.
McHenry Millhouse Mfg. Co. ("Veribest"), South Bend, Ind.
National Roofing Material Co. ("Compo-Slate"), Edwardsville, Ill.
Nelson B. F. Mfg. Co., Minneapolis, Minn.
Patent Vulcanite Roofing Co. ("Vulcanite"), 2256 W 49th, Chicago, Ill.
Reynolds H. M. Asphalt Co., Grand Rapids, Mich.
Standard Paint Co. ("Ru-ber-oid"), 233 Broadway, New York, N. Y.
Usona Mfg. Co. ("Usona"), Aurora, Ill.
Whitaker Paper Co. (Slate Covered, in colors), Eggleston av, 6th & Lock, Cincinnati, O.
Winthrop Asphalt Shingle Co., Argo, Ill.

13532—Shingles (California Redwood)

This is a Selected List for Buyers; see also Lumber Manufacturers

Albion Lumber Co., 582 Market, San Francisco, Cal.
Burns M. A. Mfg. Co., Eureka, Cal.
Caspar Lumber Co., Hobart bldg., San Francisco, Cal.
Dolbeer & Carson Lumber Co., Mer. Ex. bldg. San Francisco, Cal.
McKay & Co., 311 California, San Francisco, Cal.
Metropolitan Redwood Lumber Co., 112 Market, San Francisco, Cal.
Nelson Charles Co., 230 California, San Francisco, Cal.
Pacific Lumber Co., San Francisco, Cal.
Press Whiling G. Co., Eureka, Cal.
Redwood Shingle Assn., Eureka, Cal.
San Diego Lumber Co., San Francisco, Cal.
Schouten J. W. & Co., 738 Bryant, San Francisco, Cal.
Union Lumber Co., Crocker bldg, San Francisco, Cal.
Waite H. B. Lumber Co., Security bldg, Minneapolis, Minn.

13533— Shingles (Cedar)

This is a Selected List for Buyers; see also Lumber Manufacturers

Atlas Lumber Co. (Red Cedar), Seattle, Wash.
Baker Fred K. Lumber Co., Everett, Wash.
Bolcom H. C. Lbr. Co. (Red), Seattle, Wash.
Briggs & Cooper Co. (Ltd.), Saginaw, Mich.
Buckeye Lumber Co., Seattle, Wash.
Carley Ira (White Cedar), Ingalls, Mich.
Carpenter W. I. Lumber Co. (Red Cedar), 504 Lumber Exchange, Minneapolis, Minn.
Case Shingle & Lumber Co. (Red), Raymond, Wash.
Chicago Lbr. & Coal Co. (Red), East St. Louis, Mo.
Clear Lake Lbr. Co. (Red), Clear Lake, Wash.
Commercial Shingle Co. (Red), Bellingham, Wash.
Currier R. B. Co., Springfield, Mass.
Eatonville Lumber Co. (Red Cedar), Eatonville, Wash.
F. & O. Cedar Wks., Ltd., 49 Murray, New York
Falls City Lumber Co. (Red), Northwestern Bank bldg, Portland, Ore.
Ferry-Baker Lumber Co. (Red), Everett, Wash.
Gray's Harbor Commercial Co. (Red Cedar), ft of 3d, San Francisco, Cal.
Haines Lumber Co. (Red Cedar), No. Tonawanda, N. Y.
Hartman-Neubert Lbr. Co. (Red), Seattle, Wash.
Hoquiam Lumber & Shingle Co. (Red Cedar), Hoquiam, Wash.
Howell Shingle Co., Ry. Exch. bldg., Portland, Ore.
Huebel C. J. Co. (White), Monominee, Mich.
Kimball-Clark Co. (White Cedar), Oshkosh, Wis.
McCormick Lbr. Co. (Red), McCormack, Wash.
Menominee River Shingle Co., Menominee, Mich.
Minneapolis Lumber Co. (Red & White Cedar), 943 Lumber Exchange, Minneapolis, Minn.
Morgan Co., Oshkosh, Wis.
Morgan Lumber & Cedar Co. (White & Red Cedar), Oshkosh, Wis.
Nicola Lbr. Co. (Red Cedar), Farmers' Bank bldg., Pittsburgh, Pa.
Nufer Cedar Co., Whitehall, Mich.
Pacific Fir Co. (Red Cedar), Seattle, Wash.
Pacific Timber Co., Everett, Wash.
Pine Fir Co., Spokane, Wash.
Pine Tree Mfg. Co. (White Cedar), Little Falls, Minn.
Pinkham J. E. Lbr. Co. (Red), Seattle, Wash.
Pioneer Lumber Co. (Red), Seattle, Wash.
Robbins Lumber Co., Rhinelander, Wis.
Roper John L. Lumber Co., Norfolk, Va.
Roy E. B. Lumber Co. (Red), Seattle, Wash.
St. Croix Paper Co., 244 Washington, Boston, Mass.
St. Paul & Tacoma Lbr. Co., Tacoma, Wash.
Sand Point Lumber & Pole Co. (Ltd.) (Red Cedar), Sand Point, Idaho
Schwager & Nettleton (Red), Seattle, Wash.
Seattle Cedar Lumber Mfg. Co. ("Maltese Cross"), Seattle, Wash.
Seattle Lumber Co., Seattle, Wash.
Shepard-Traill Co. (Red Cedar), Seattle, Wash.
Smith M. R. Shingle Co. (Red), R. A. Long bldg, Kansas City, Mo.
Sound Lumber Co. (Red Cedar), Seattle, Wash.
Spies, Thompson Lumber Co., Menominee, Mich.
Standard Cedar & Lumber Co. (White Cedar), 511 Lumber Exchange, Minneapolis, Minn
Standard Stained Shingle Co. (Creo-Dipt Stained Red Cedar), North Tonawanda, N. Y.
Verd Cedar Co., Arlington, Wash.
Waccamaw Lumber Co., Bolton, N. C.
Wagner & Wilson Co., Monroe, Wash.
Waite H. B. Lumber Co. (Wash'n Red Cedar), Security bldg, Minneapolis, Minn.
Wall-Spalding Lumber Co., Oshkosh, Wis.
Wallace-Ballord Lumber Co. (Red Cedar), 613 Lumber Exchange, Minneapolis, Minn.
Wilson Robt. S. (Red Cedar), Seattle, Wash.
Winchester & Daniels, Grand Rapids, Mich.
Wisconsin Land & Lumber Co. (White Cedar), Hermansville, Mich.

Shingles (Cement)

See Roofing Tile, Cement

13534— Shingles (Cypress)

A Selected List for Buyers; see also Lumber Manufacturers

Ascension Red Cypress Co. (Ltd.), 403 Whitney bldg, New Orleans, La.
Baker-Wakefield Cypress Co. (Ltd.), Plattenville, La.
Betts Chas. M. & Co., Bailey bldg, Phila., Pa.
Brownell-Drews Lumber Co. (Ltd.), Morgan City, La.
Burgan Wm. M., American bldg, Baltimore, Md.
Burton E. P. Lumber Co., Charleston, S. C.
Chicago Lumber & Coal Co., E. St. Louis Mo.
Continental Lumber Co., Houston, Tex.
Cotten Bros., Cypress Co. (Ltd.), Morgan City, La.
Craven Lumber Co., Dallas, Tex.
Dibert, Stark & Brown Cypress Co. (Ltd.), Donner, La.
Gates Lumber Co., Wilmar, Ark.
Gebert Shingle Co. (Ltd.), New Iberia, La.
Goodland Cypress Co., Hibernia bldg, New Orleans, La.
Hammer Lumber Co., Franklin Bk. bldg, Phila., Pa.
Jeanerette Lumber & Shingle Co. (Ltd.), Jeanerette, La.
Keo Shingle Co., England, Ark.
Louisiana Cypress Lumber Co. (Ltd.), Harvey, La.
Louisiana Red Cypress Co., Hibernia Bank bldg, New Orleans, La.
Lutcher & Moore Cypress Lbr. Co. (Ltd.), Lutcher, La.
Lutcher & Moore Lumber Co., Orange, Tex.
Napoleon Cypress Co. (Ltd.), Napoleonville, La.
Owl Bayou Cypress Co., Cincinnati, O.
Planters Lumber Co. (Ltd.), Jeanerette, La.
Powe Thos. E. Lumber Co., 24 Branch, St. Louis, Mo.
Ramos Lumber Co. (Ltd.), Ramos, La.
Rayner & Parker (Wholesale), Comcl. Tr. bldg, Phila., Pa.
Richardson Cypress Lumber & Shingle Co., Bucksports, S. C.
Ruddock Orleans Cypress Co., Carrollton av & New Basin, New Orleans, La.
Schwing Lumber & Shingle Co. (Ltd.), Plaquemine, La.
STEARNS A. T. LUMBER CO., 100 Taylor, Neponset, Boston, Mass.
See adv index at end of book
Trinity River Lumber Co., Houston, Tex.
Whitecastle Lumber & Shingle Co. (Ltd.), Whitecastle, La.
Wilson Cypress Co., Palatka, Fla.

13535— Shingles (Felt)

Flintkote Co. ("Rex Strip" & "Rex Wide Space," "Rex Diamond Paint," "Rex Reversible Strip Paint"), 88 Pearl Boston, Mass.
Sall Mountain Co. ("Sal-Mo"), 230 S La Salle, Chicago, Ill.

13536— Shingles (Metallic)

See also Roofing Tile, Metallic

Asbestos Protected Metal Co., Beaver Falls, Pa.
Berger Mfg. Co. ("Chieftain," "Swanee"), Canton, O.
Brier Hill Steel Co. ("Empire"), Youngstown, O.
Burris John T. & Son, Anderson, S. C.
Burton W. J. Co. ("East Lake" Hip Ornamental, etc), Junction & Federal, Detroit, Mich.
Butler Mfg. Co., Kansas City, Mo.
Canton Art Metal Co. ("X L"), Canton, O.
Canton Metal Ceiling Co. ("Art Kraft"), Canton, O.
Chattanooga Roofing & Foundry Co. ("New Century," "Old English"), Chattanooga, Tenn.
Cincinnati Stamping Co. ("Regan's"), 24 W McMicken av, Cincinnati, O.
Cortright Metal Roofing Co., 50 N 23d, Phila., Pa.
De Forest Sheet & Tin Plate Co., Niles, O.
See adv index at end of book
Delphos Mfg. Co., 1st & Pierce, Delphos, O.
Dickelman Mfg. Co., Forest, O.
Dominion Metal Products Co., Roanoke, Va.
Dowman-Dozier Mfg. Co., Atlanta, Ga.
East Birmingham Iron Roofing Co., Birmingham, Ala.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Eller Mfg. Co. ("Dux-Bac" Lock Joint), Canton, O.
Florida Metal Products Co., Jacksonville, Fla.
Hopson W. C. Co., Grand Rapids, Mich.
HYNDMAN ROOFING CO. ("Loxrite," Security"), Brand, "Xlent"), 318 E 2nd, Cincinnati, O.
Kanneberg Roofing & Ceiling Co., Canton, O.
Kinnear & Gager Mfg. Co., Columbus, O.
Klauer Mfg. Co., Dubuque, Ia.

MERCHANT & EVANS CO. ("Gothic"), 2035 Washington av, Phila., Pa.
See adv index at end of book
Messenger & Parks Mfg. Co. ("Acme"), Aurora, Ill.
Meurer Bros. Co. ("Unique"), 575 Flushing av, Brooklyn, N. Y.
Miller & Doing, 60 York, Brooklyn, New York
Milwaukee Corrugating Co. ("Titelock" & "American"), Milwaukee, Wis.
Moeschl-Edwards Corrugating Co. ("Just Right," "Magnolia"), Covington, Ky.
Montross Metal Roofing Co., Camden, N. J.
NATIONAL SHEET METAL ROOFING CO. ("Walter's"), 339 Grand, Jersey City, N. J. *See adv index at end of book*
New Orleans Roofing & Metal Co. ("Nola" Reversible, Galvanized; also Painted), Cortez & Orleans, New Orleans, La.
Newport Rolling Mill Co., Newport, Ky.
Norman W. F. Sheet Metal Mfg. Co. (Hip), Nevada, Mo.
Ohio Corrugating Co., Warren, O.
Penn Metal Ceiling & Roofing Co. (Ltd.), ("The Sagendorf"), 23d & Hamilton, Phila., Pa.
Penn Metal Co. ("Penco" of Hampton Metal), 65 Franklin, Boston, Mass.
Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
Reeves Mfg. Co., Dover, O.
Ringle Roofing & Plumbing Co. ("Hamsley"), 83 Newark av, Jersey City, N. J.
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
Southern E. E. Iron Co. ("Souther's"), Kienlen & Hamburger, St. Louis, Mo.
Tennison Bros., Houston, Tex.
Thomas & Armstrong Co. ("Buckeye"), London, O.
Tiffin Art Metal Co., 20 Broad, Tiffin, O.
Watson Jas. H. Co., Bradley, Ill.
Wheeling Metal & Mfg. Co., Wheeling, W. Va.
Whitaker-Glessner Co. (Wheeling Corrugating Dept), Wheeling, W. Va.
Willis Mfg. Co., Galesburg, Ill.

Shingles (Red Cedar)

See Shingles, Cedar

13537— Shingles (Rubber)

General Roofing Mfg. Co. ("CertainTeed"), 17th & Southern Ry., E St. Louis, Ill.

13538—Shingles (Slate Surface)

Standard Paint Co. ("S. P. C."), 233 B'way, New York

13539— Shingles (Stained)

Johnston R. F. Paint Co., Pearl & Main, Cincinnati, O.
Moser Chas. Co., Cincinnati, O.
Richmond Bros., 616 Main, Cincinnati, O.
Standard Stained Shingle Co. ("Creo-Dipt"), North Tonawanda, N. Y.
Transfer Stained Shingle Co. ("Weatherbest"), North Tonawanda, N. Y.

13540—*Shingles & Tiling (Cluster)

EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book

13540a— *Ship Brokers

Page & Jones, Mobile, Ala.
See adv index at end of book

13541— Ship Builders

See also Dry Docks & Marine Railways

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American Fisheries Co., Bellingham, Wash.
Am. International Shipbuilding Corp., 140 N. Broad. Phila., Pa.
*American Ship Building Co., ft of W 54th, Cleveland, O.
American Shipbldg. Co., 11 B'way, New York; plant, Brunswick, Ga.
§Atlantic Coast Co., Inc., Thomaston, Me.
*Atlantic Works (Steam Yachts), 80 Border, East Boston, Mass.
*Baltimore Dry Dock & Ship Bldg. Co. (Steel Ships, Barges, Lighters, Car Floats, Tugs, etc), Locust Point, Baltimore, Md.
§Barrett John & Son (Tugs, River Vessels, Scows, etc), Cincinnati, O.
*Bath Iron Works (Ltd.), Bath, Me.
§Bayles Shipyards, Inc., Port Jefferson, N. Y.
Beacham J. S. & Bro., Covington ft of Warren av, Baltimore. Md.
§Bean R. L., Camden, Me.
Bethlehem Shipbuilding Corp. (All kinds of Steam & Sailing Vessels & Barges), So. Bethlehem, Pa., Alameda, Cal., Elizabethport, N. J., Union Plant, San Francisco, Wilmington, Del.
Blaisdell N. & Sons, Bath, Me.
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§Bowker F. S., Phippsburg, Me.
Brown Louis L. Co., Inc. (Concrete), 30 Church, New York
§Brown Dry Dock Co., ft Morris, Jersey City, N. J.
Brunswick Marine Construction Corp., 17 Battery pl, New York
Brunswick Shipbuilding Co., Brunswick, Ga.
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§Caril Jesse E., Northport, N. Y.
§Carleton Norwood & Co., Rockport, Me.
Chesapeake Marine Railway Co., Philpot c Point, Baltimore, Md.
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*§Clooney Construction & Towing Co. (Barges, Boats, etc), Westlake, La.
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Coastwise Ship Building Co. (Wood), ft of Andre, Baltimore, Md.
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Continental Shipbldg. Corp. (Wood, Concrete & Steel), 103 Park av, New York
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†Crane's Theo. A. Sons Co. (Tugs, River Vessels, Scows, Dry Docks etc), ft Columbia, Brooklyn, N. Y.
Crosby Navigation Co., Richmond, Me.
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Dantzler Shipbldg. & Dry Docks Co, Mass Point, Miss.
§Davidson James, Bay City, Mich.
*Davis M. M. & Son, Solomons, Md.
§Deering G. G. & Co., Bath, Me.
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§Dunn & Elliot Co., Thomaston, Me.
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Freeport Shipbldg. Co., South Freeport, Me.
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Fulton Shipbldg. Co., Wilmington, Cal.
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§Goble J. H. & T. C., Oswego, N. Y.
Grant, Smith, Porter Shipbldg. Co., Portland, Ore.
Gray's Harbor Shipbuilding Co., Aberdeen, Wash.
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§Green Richard T. Co., Chelsea, Mass.
§Greenport Basin & Const. Co. (Tugs, River Vessels, Scows, etc), Greenport, N. Y.
Groton Iron Wks., Noank, Conn.
Hanlon Dry Dock & Shipbuilding Co., Oakland, Cal.
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*Herreshoff Mfg. Co. (Also Yachts, etc), Bristol, R. I.
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§Jakobson & Peterson (Scows, etc), ft of 24th, Brooklyn, N. Y.
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*Johnson Iron Works (Ltd.), (Steamers, Barges & Lighters), Morgan & Sequin, New Orleans, La.
Johnson Shipbldg. Corp., Mariner's Harbor, S. I., N. Y.
*Johnston Bros. (Tugs, Yachts, Barges, Scows, etc), Ferrysburg, Mich.
§Kelley-Spear Co., Bath, Me.
§Kenyon A. P., Marine City, Mich.
§King & Winge Ship Yard, Seattle, Wash.
§Kirby Thos. H. & Sons, St. Michaels, Md.
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§Kruse & Banks, North Bend, Ore.
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§Lake Torpedo Boat Co. (Submarine Torpedo Boats), Bridgeport, Conn.
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Lone Star Shipbldg. Co., Beaumont, Tex.
§†Long Island Machine & Marine Construction Co., ft E av, Long Island City, N. Y.
*Los Angeles Shipbuilding & Dry Dock Co., Los Angeles, Cal.
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§Mar Jno. E. & Son, West Haven, Conn.
§Marine Engine & Boiler Co. (Tugboats, etc), Philpot & Point, Baltimore, Md.
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§Marsh J. Henry, Solomons, Md.
Mathis John H. Co., Camden, N. J.
§Matthews Ship Building Co., Hoquiam, Wash.
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*Merrill-Stevens Shipbuilding Corp., Jacksonville, Fla.
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*Moore & Scott Iron Wks., 678 2d, San Francisco, Cal.
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*New York Shipbuilding Co., Camden N. J.
Newburgh Shipyards, Inc., Newburgh, N. Y.
*Newport News Ship Building & Dry Dock Co., Newport News, Va.
Nilson & Keley Shipbldg. Corp., Seattle, Wash.
Northwest Steel Co., Portland, Ore.
§Oades Walter H., ft of Dubois, Detroit, Mich.
Pacific Coast Shipbldg. Co., First Nat'l Bk. bldg, San Francisco, Cal.
§Paducah Dry Dock Co., Paducah, Ky.
Palmer Robert & Son Ship Building & Marine Railway Co. (The), Noank, Conn.
Patterson-MacDonald Shipbldg. Co., Seattle, Wash.
§Peninsula Shipbuilding Co., Portland, Ore.
Penn. Shipbldg. Co., Gloucester City, N. J.
§Percy & Small, Bath, Me.
§Perth Amboy Dry Dock Co., Perth Amboy, N. J.
Pittsburgh-Des Moines Steel Co. (Hulls-Steel), 4th & Ross, Pittsburgh, Pa.
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Portland Co. (Freight & Passenger Steamboats, Towboats, etc), Portland, Me.
Portland Shipbldg. Co., 257 Front, So. Portland, Me.
Portland Ship Ceiling Co., Water, Portland, Me.
Providence Engng. Corp., 521 S Main, Providence, R. I.
Puget Sound Bridge & Dredging Co., Seattle, Wash.
*Pusey & Jones Co. (Yachts, Sailing & Steam Vessels), ft Poplar, Wilmington, Del., & Pennsylvania & New Jersey Yards, Gloucester City, N. J.
Quintard Iron Works Co., 742 E 12th, New York
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§Read Bros. Co., Fall River, Mass.
§Rice Jacob & Sons, Kingston, N. Y.
§Rieboldt Wolter & Co., Sturgeon Bay, Wis.
*Riley's Dry Dock Co., Buffalo, N. Y.
Riter-Conley Co., Pittsburgh, Pa.
Rodgers Geo. T. & Co., Astoria, Ore.
Rohde Chas. L. & Sons Co., Baltimore, Md.
§Ryan John & Son, Whitehall, N. Y.
*§St. Helens Shipbuilding Co., St. Helens, Ore.
Saginaw Shipbldg. Co., Saginaw, Mich.
Sanderson & Porter, Willapa Harbor, Wash.
San Francisco Shipbldg. Co. (Concrete Steamers & Barges), 310 California, San Francisco, Cal.
§Sandstrom Ship Building Co., Seattle, Wash.
§Sawyer Bros., Millbridge, Me.
Schultze, Robertson & Schultze, Inc., 1151 Evans av, San Francisco, Cal.
*§Seaborn Shipyards Co., Tacoma, Wash.
†Seattle Construction & Dry Dock Co., Seattle, Wash.
*†Sewall Arthur & Co., Bath, Me.
§Simpson Lumber Co., 112 Market, San Francisco, Cal.
Shattuck L. H., Inc., Portsmouth, N. H.
*Skinner & Eddy Shipbuilding Corp., Seattle, Wash.

Slidell Ship Building Co., Slidell, La.
Sloan Shipyards Corp., Seattle, Wash.
§Smith C. C. Boat & Engine Co., Algonac, Mich.
§Smith & McCoy, Norfolk, Va.
§Snow I. L. & Co., Rockland, Me.
Sommerstrom Shipbldg. Co., Columbia City, Ore.
*Spedden Ship Building Co. (Steel & Wood), Boston & Kenwood, Baltimore, Md.
*Standard Shipbuilding Corp., 44 Whitehall New York
§Standifer-Clarkson Co., Portland, Ore.
Stanley Shipbldg. Co., Shooters Island, L. I., N. Y.
Staten Island Shipbuilding Co., 3083 Richmond ter, Port Richmond, Richmond, N. Y.
§Stearns & McKay Co. (Tugs, River Vessels, Scows, etc), Marblehead, Mass.
§Stone W. F., Oakland, Cal.
§Story A. D., Essex, Mass.
Submarine Boat Corp., 11 Pine, New York; shipyards, Port Newark, N. J.
*Sun Shipbuilding Co., Superior, Wis.
*Superior Ship Building Co., Superior, Wis.
Supple & Ballin Shipbldg. Corp., Portland, Ore.
§Supple Jos., ft of Belmont, Portland, Ore.
§Swenson J., ft of Warren, Jersey City, N. J.
Tacoma Shipbldg. Co., Tacoma, Wash.
Tampa Dock Co., Tampa, Fla.
Tampa Shipbuilding & Engineering Co., Tampa, Fla.
Texas Shipbldg. Co., Bath, Me.
§Thames Tow Boat Co., New London, Conn.
Todd Dry Dock & Constn. Corp., Seattle, Wash.
*Todd Shipbuilding Corp., 15 Whitehall, New York
*Toledo Ship Building Co., Toledo, O.
Traylor Shipbldg. Co., Cornwells Hghts., Pa.
Union Bridge & Constn. Co., Morgan City, La.
Union Industrial Works; Main Office, Oakland, Cal.; San Francisco Office, 604 Mission.
United Engng. Works, Clunie bldg, San Francisco, Cal.
United States Shipbldg. Corp., 26 Cortlandt, New York
U. S. Shipbldg. Corp., 40 Ocean, So. Portland, Me.
Universal Shipbldg. Co., Houston, Tex.
Valk & Murdock Co., Charleston, S. C.
§Vansant Stanley G., Atlantic City, N. J.
Vinyard Ship Building Co., Milford, Del.
Vulcan Iron Wks., ft Morris, Jersey City, N. J.
Ward Chas. Engineering Works (Light-Draft River Steamers), Charleston, W. Va.
§Waterhouse Frank & Co., Seattle, Wash.
§Weaver Joseph & Son, Orange, Tex.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
§White E. I., Machias, Me.
*Williamette Iron & Steel Wks., Portland, Ore.
Wilson Shipbldg. Co., Astoria, Ore.
Wilson Shipyards, Seattle, Wash.
*Winslow Marine Railway & Shipbuilding Co., Winslow, Wash.
§Woodall Wm. E. & Co., ft of Woodall, Baltimore, Md.
Wright Shipyards, Tacoma, Wash.

13542— Ship Knees

Hoskins J. S. Lumber Mfg. Co., Baltimore, Md.
Pierce Chas. W., Milo, Me.
Portland Ship Building Co., Portland, Me.
Sherwood Hall Co., Ltd., Grand Rapids, Mich.
True Samuel, Amesbury, Mass.

13542a— *Ships Findings

Thacher Geo. H. & Co., Albany, N. Y.
Townsend Foundry & Machine Shop Co., B'way & Rensselaer, Albany, N. Y.
See adv index at end of book

13543— Shock Absorbers

Central Brass & Fixture Co. ("Buckeye Ford"), Springfield, O.
Connecticut Shock Absorber Co., Meriden, Conn.
Cox Brass Mfg. Co., Albany, N. Y.
Duke Oak Lumber Co. ("Condac"), Wellsville, N. Y.
Dural Rubber Corp. (Airplane), Flemington, N. J.
Flentje Ernst ("Flentje," Oil & Air), 1643 Cambridge, Cambridge, Mass.
France Mfg. Co. ("F.-F."), 1434 W 75th, Cleveland, O.
Gabriel Mfg. Co. ("Foster"), Cleveland, O.
General Rubber Co. (Airplane), B'way & 58th, New York
Goodyear Tire & Rubber Co. ("Aeroplane"), Akron, O.
Halladay L. P. Co., Streator, Ill.
Halliwell Bros. ("Martin"), 333 W. Pico, Los Angeles, Cal.
Hartford Edward V. ("Truffault-Hartford"), 141 Morgan, Jersey City, N. J.
Herz & Co. ("Pater Noster"), 245 W 55th, New York
Humboldt Machine & Stamping Co. ("Ridewell"), Vernon av & 10th, Long Island City, N. Y.
Landis Engng. & Mfg. Co. ("Landis"), Waynesboro, Pa.
Mesinger H. & F. Mfg. Co., Austin pl & 144th, New York
National Dairy Machine Co., Goshen, Ind.
Rhineland Machine Wks. Co. (Imp.), 1737 B'way, New York
Russell Mfg. Co. (Airplane), 349 B'way, New York
Sager J. H. Co. ("J H S"), Rochester, N. Y.
Star Specialty Mfg. Co. (Ford), 227 W Erie, Chicago, Ill.
Turner Brass Works ("Turner"), Sycamore, Ill.
Universal Rim Co. ("Stone"), 1502 S Michigan av, Chicago, Ill.
Universal Shock Eliminator Co., 10 W 62d, New York
Webber Phillip H. Co., Hoopeston, Ill.
Weeber C. F. Mfg. Works ("Weeber"), Albany, N. Y.
Wood, J. W. Elastic Web Co., 45 E 17th, New York

13544—Shoe Blacking & Polishes

American Shoe Polish Co. ("Eagle"), 310 N Franklin, Chicago, Ill.
Ampt Chas. F. Co. (Polish), 112 E Water, Cincinnati, O.
Archibald Mfg. Corp, Rochester, N. Y.
Bixby S. M. & Co. ("Bull Frog," "Three Bee," "Best," Blackings, "Royal," "Jet Oil," Polishes, "Shuwhite" White, "Satinola" Tan, "Shoe Satin," Bixola), 46th & 2d av, Brooklyn, N. Y.
Black Cat Polish Co., 34 Washington, Buffalo, N. Y.
Blichert P. A. Mfg. Co., 190 13th, Jersey City, N. J.
Brown B. F. & Co., 137 Fulton, Boston, Mass.
Burckard Blacking & Oil Co. ("Okolite"), 1322 Greenmount av, Baltimore, Md.
Callaway Wm. E. (Polishes), 61 Wilkinson av, Jersey City, N. J.
Cleveland Alden T. Mfg. Co., 125 Broad, Boston, Mass.
Conley Stain & Blacking Co., 15 Sherman, Boston, Mass.
Cox A. F. & Son ("Mohawk" Waterproof), Portland, Me.
Cummings G. R., Jr., & Co., 264 S Water, Milwaukee, Wis.
Dalley F. F. Co. ("2 in 1" Polish), Buffalo, N. Y.
Dennehy Bros., Brockton, Mass.
Diamond McDonnell & Co., 409 N 4th, Phila., Pa.
Everett & Barron Co. ("U-N-O," "Trilby"), 217 Canal, Providence, R. I.
Fulton Shoe Polish Co., 289 Pearl, New York
Hauthaway C. L. & Sons, 346 Congress, Boston, Mass.
Herriott Shoe Polish Co., 2801 N B'way, St. Louis, Mo.
Hollingshead R. M. Co. ("Shulife" Shoe Dressing, Camden, N. J.
Manhattan Shoe Polish Co., 367 Hamilton av, Brooklyn, N. Y.
Martin & Martin ("E-Z" Polishes Only), 3005 Carroll, Chicago, Ill.
Mason Jas. S. Co. (Polish & Blacking, "Challenge"), 136 N Front, Phila., Pa.
Miller Frank Co. ("Gem," "Crown," "Paragon," "Peerless," "Empire," "Kibosh"), 349 W 26th, New York
Prescott J. L. Co., 92 W Bway, New York
Preservo Polish Co., Kansas City, Mo.
Robb C. L. Mfg. Co., Bellefontaine, O.
Shinola Co., Rochester, N. Y.
Stinson B. F. & Co., Buffalo, N. Y.
Superior Polish Co., Brockton, Mass.
Thompson Ferd & Co., Rockland, Mass.
Whittemore Bros. Corp. ("Gilt Edge," "French Gloss," "Elite," "Dandy," "Star," "Midget," "Quick White," "Albo," "Big Four," "Chic," "Bully Shine," "Superb," "Raven"), Cambridge, Mass.
Wood Geo. H. Corp., 146 Summer, Boston, Mass.
World Polish Mfg. Co. ("Blackola"), York, Pa.

13544a— *Shoe Findings

DU PONT FABRIKOID CO. (Leather Substitutes for Tip Facings, Eyelet Stays, Sock Linings, Tongues, etc), Wilmington, Del.

13545— Shoe Goring

Boston Gore & Web Co. (Elastic), Chelsea, Mass.
Dyer Chas. N., Haverhill, Mass.
Glendale Elastic Fabrics Co. (Elastic), Easthampton, Mass.
Taylor Thos. & Sons (Elastic), Hudson, Mass.

13546—*Shoe Horns (Fibre)

DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works, Marshallton, Del. *See adv index at end of book*

13547— Shoe Horns (Metal)

See adv on front cover

Grammes L. F. & Sons, Allentown, Pa.
Riley-Klotz Mfg. Co., 17 Mulberry, Newark, N. J.
Sommer J. L. & Co., Newark, N. J.

13547a— Shoe Lasts (Wooden)

Brockton Last Co., Brockton, Mass.
Dayton Last Works, Dayton, O.
Gardiner Thos. W. & Sons, Lynn, Mass.
Golbert Last Co., Worcester, Mass.
Masterson Bros., Brockton, Mass.
Mawhinney Last Co., Brockton, Mass.
Porter S. & Co., 25 Union, Worcester, Mass.
Rebhun Last Co., 1728 Dana av, Cincinnati, O.
Rochester Last Works, Rochester, N. Y.
Sturgis-Jones Last Co., Brockton, Mass.
Vulvan Last Co., Portsmouth, O.
Woodard & Wright Last Co., Brockton, Mass.

13548—Shoe Lasts & Stands

Adams Co., Dubuque, Ia.
Badger Malleable & Mfg. Co. (Malleable, Iron), South Milwaukee, Wis.
Brandenburg Cobbling Supply Co. (Cast Iron), 157 W Grand av, Chicago, Ill.
Chattanooga Implement & Mfg. Co., Chattanooga, Tenn.
Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
Coulter Mfg. Co., 325 Arch, Phila., Pa.
Enterprise Hardware Mfg. Co., Frederick. Md.
Grey Iron Casting Co., Mt. Joy, Pa.
Kupferle John C. Foundry Co. ("Eclipse" & "Paragon,"), 1st & Wright, St. Louis, Mo.
McMahon & Hickey, Ellicottville, N. Y.
Roanoke Iron & Bridge Works, Inc. ("O. K."), Roanoke, Va.
Root-Heath Mfg. Co. ("Plymouth," Revolving "Universal," "Acme," "Heavy A," "Guaranteed Perfection," "Hercules," Wedge Top, "Buckeye" Combination, Malleable Sap, etc.), Plymouth, O.
Sacks Louis ("Star"), Wilson av, Newark, N. J.
Stowell Co., The (Cast & Malleable Iron), S Milwaukee, Wis.
Wrightsville Hardware Co. ("Columbia & Brighton" Cast Iron), Wrightsville, Pa.

13549— Shoe Rest

Nicol & Co. ("Porter's"), 218 N Jefferson, Chicago, Ill.

13550— Shoe-Trees

American Cutlery Co. (Steel), 764 Mather, Chicago, Ill.
Anderson A. R. & Co. ("Fitall"), Arlington, N. J.
Bridgeport Metal Goods Mfg. Co. ("R. P. K." Aluminum & Steel, Slipper), Bridgeport, Conn.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Kennebunk Mfg. Co. ("Spaulding's Fether-Lyte"), Rochester, N. H.
R. P. K. Pressed Metal Co. (Aluminum), Bridgeport, Conn.

13551— Shoes (Aluminum)

Racine Aluminum Shoe Co., Racine, Wis.

13552— Shoes (Asbestos)

Johnson C. W., Natick, Mass.

13553—Shoes (Baseball & Athletic)

Claflin Waldo M. ("Claflin"), 1107 Chestnut, Phila., Pa.
Jarvis W. B. Co. ("Ty Cobb"), Grand Rapids, Mich.
McLoughlin, Bundy & Sinsbaugh, Haas bldg, Los Angeles, Cal.
Rawlings Mfg. Co. ("Rawlings"), 23d & Lucas av, St. Louis, Mo.
Spaulding A. G. & Bros., 126 Nassau, New York
Stall & Dean Mfg. Co., Brockton, Mass.
Top Notch Co., Inc. (Athletic), College Point, L. I., N. Y.
Witchell-Sheill Co. ("Witch-Elk"), 168 Brooklyn, Detroit, Mich.

13554-5—Shoes (Casing, Oil & Gas Well)

Lucey Mfg. Corp., 233 B'way, New York
For branch offices see Alphabetical Section
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Union Tool Co., Torrance, Cal.

Shoes (Conductor Pipe)

See Elbows & Shoes, Conductor, Pipe

13556— Shoes (Drive)

Mark Mfg. Co., Evanston, Ill.

13557—Shoes (Horse, Rubber)

Goodrich B. F. Co., Akron, O.
Goodyear Tire & Rubber Co., Akron, O.
Peerless Rubber Horseshoe Co. ("Peerless"), 1014 S Kildare av, Chicago, Ill.
Powers Rubber Horseshoe Co. ("Powers"), 1700 N Kostner av, Chicago, Ill.
Revere Rubber Co., Chelsea, Mass.

13558—Shoes (Horse & Mule)

American Horse Shoe Co. (Horse & Mule), Phillipsburg, N. J.
AMERICAN STEEL & WIRE CO. (Horse & Mule Shoes; also Toe & Heel Calks), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Burden Iron Co., Troy, N. Y.
Challoner Co., Oshkosh, Wis.
Champion Horse Shoe Co., Pawtucket, R. I.
Cincinnati Horse Shoe & Iron Co. (Horse & Mule), Cleves, O.
Cray Bros. ("Cray" Iron Shoe), 1111 W 11th, Cleveland, O.
Diamond Calk Horse Shoe Co., Duluth, Minn.
Fibre Cushion Horse Shoe Co. ("Saxton's" Fibre Cushion), 88 New Chambers, New York
Fruin Drop Forge Co. ("Fruin-Tobin"), 347 Root, Chicago, Ill.
Giant Grip Horse Shoe Co. ("Giant Grip"), Oshkosh, Wis.
Mfrs. Iron & Steel Co. (Bryden Horse Shoe Works), 149 B'way, New York
Octigan Drop Forge Co. ("Octigan"), 2428 Lowe av, Chicago, Ill.
Old Dominion Iron & Nail Works Co. (Horse & Mule), Belle Isle, Richmond, Va.
Phoenix Horse Shoe Co. ("Phoenix"), 209 S La Salle, Chicago, Ill., & Poughkeepsie, N. Y.
Rhode Island Perkins Horse Shoe Co. "Perkins" Horse & Mule), Valley Falls, R. I.
Side Weight Horse Shoe Co. ("Hartford" Side Weight Horse), Mechanic, Hartford, Conn.
Standard Horse Shoe Co., Boston, Mass.
Tredegar Co., ft 5th, Richmond, Va.
United States Horse Shoe Co. ("U. S." Horse), Erie, Pa.
Williams Drop Forging Co. ("Williams" Cantslip), Scranton, Pa.

13559—Shoes (Moulders' or Foundry)

Brandau Shoe Co., 89 Sherman, Detroit, Mich.
Johnson C. W. (Asbestos Shoe), Natick, Mass.
Williams Arthur A. Shoe Co., Holliston, Mass.

13560— Shoes (Ox)

Atwater Mfg. Co. (Forged Wrought Iron), Southington, Conn
Haven Malleable Castings Co., Cincinnati, Ohio
Scranton Forging Co., Scranton, Pa.
Woodruff W. W. & Sons Co., Mount Carmel, Conn.

13561— Shoes (Plank)

Pollard Jos. G. (Steel), 141 Raymond, Brooklyn, N. Y.

13562-3—Shoes (Scalping & Cleaning)

Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. (For Grain, Beans & Peas), Silver Creek, N. Y.

Shoes (Sleigh)

See Shoes, Wagon & Sleigh

13564—Shoes (Sliding Furniture)

Berbecker & Rowland Mfg. Co., Waterville, Conn.
Brainard & Wilson Co. ("B. & W."), Danbury, Conn.
Evergrip Gliding Caster Co. ("Evergrip"), 261 Canal, New York
Gould-Mesereau Co. ("Times"), 52 W 38th, New York
Onward Mfg. Co. ("Onward"), Menasha, Wis.
Peabody Henry W. & Co. ("Domes of Silence," "U. S. A.," "Ho"), 17 State, New York
Turner & Stanton Co. ("Slidewell"), Norwich, Conn.
Universal Castor & Foundry Works ("Universal"), Newark, N. J. See the Bossich Co., Bridgeport, Conn.

13565— Shoes (Tennis)

American Rubber Co., 130 Essex, Boston, Mass.
Boston Rubber Shoe Co., 101 Milk, Boston, Mass.
Converse Rubber Shoe Co., Malden, Mass.
Goodyear Rubber Co, 539 Mission, San Francisco, Cal.
See adv index at end of book
McLoughlin, Bundy & Sinsbaugh, Maas bldg, Los Angeles, Cal
National India Rubber Co., Bristol, R. I.
Stall & Dean Mfg. Co. ("Stall & Dean"), Brockton, Mass.
Top Notch Co., Inc., College Point, L. I., N. Y.

13566—Shoes (Wagon & Sleigh)

Barber Mfg. Co., Ashtabula, O.
Munnsville Plow Co., Munnsville, N. Y.

13567— Shoes (Wood Sole)

Marion Malleable Iron Works (Any Size, Type or Pressure), Marion, Ind.
Riemer A. H. Shoe Co., 431 29th, Milwaukee, Wis.
Vanderslice-Stahmer Shoe Co., Davenport, Iowa

13568— Shoes (Wooden)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Fellrath John B. Co., Fond du Lac, Wis.
Novelty Wooden Shoe Co., Holland, Mich.

13569—Shoes & Dies (Stamp Mill)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
American Forge Works, Denver, Colo.
American Steel Foundries, McCormick bldg, Chicago, Ill.
Chester Steel Castings Co., 407 Sansom, Phila., Pa., & Chester, Pa.
Chrome Steel Works (Adamantine), Chrome, N. J.
Colorado Iron Works Co., Denver, Colo.
Denver Eng. Works Co., Denver, Col.
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book
National Steel Casting Co., Montpelier, Ind.
Pennington Geo. W. Sons (Hammered), 1699 Montgomery, San Francisco, Cal.

13570— Shooks (Box)

Acme Box Co., 1401 W 21st pl, Chicago, Ill.
Acme Box Co., Omaha, Neb.
Acushnet Saw Mills Co., Acushnet, Mass.
Adkins E. S. & Co., Salisbury, Md.
Allegheny Box Co. (Exp.), 601 Byrd, Richmond, Va.
Alliger Box & Lumber Co., No. Tonawanda, N. Y.
Am. Blakeslee Mfg. Co., Birmingham, Ala.
American Box & Lumber Co., Norfolk, Va.
Anderson-Tully Co. (Gum & Cottonwood), Memphis, Tenn.
ANDREWS O. B. CO., Chattanooga, Tenn.
Anson Gilkey & Hurd Co. (Pine, Hemlock & Hardwood), Merrill, Wis.
Astoria Box Co. (Exp.), Astoria, Ore.
Atwood & McManus Box Co., Chelsea, Mass.
Badger Box & Lumber Co. (Exp.), Grand Rapids, Wis.
Bailey Lumber Co., Suncook, N. H.
Barnes E. H. Co., 61 B'way, New York
Bartlett Box & Lumber Co., Westboro, Mass.
Bay City Box & Crate Co., Bay City, Mich.
Bogert & Hopper, 67 Barclay, New York
Bradley, Miller & Co. (White Pine, Hardwood or Basswood), Bay City, Mich.
Branning Mfg. Co., Edenton, N. C.
Breault M. Co., Cohoes, N. Y.
Brown-Mitchison Co. (Shooks & Cratings), Marinette, Wis.
Buffalo Box Factory (Exp.), Buffalo, N. Y.
Cady George L. & Sons, Lowell, Mass.
Carrier Lumber & Mfg. Co. (Gum), Sardis, Miss.
Carter J. A., Petersham, Mass.
Chaffee Bros. Co. (Exp.) (By Car. Lots), Oxford, Mass.
Chapman & Dewey Lumber Co., Rialto bldg, Kansas City, Mo.
Cheney Frank P., Lowell, Mass.
Chicago Mill & Lpmber Co., 111 W Washington, Chicago, Ill.
Cleveland Box Co., Cleveland, O.
Cohn & Bock Co., Princess Anne, Md.
Columbia Box & Lumber Co., South Bend, Wash.
Conant F. R. Co., Auburn, Me.
Conway Lumber Co., Conway, N. H.
Crosman G. A. & Sons Co., Deering Gate, Portland, Me.
Dodge & Bliss Co., W. End, Jersey City, N. J.
Duker J. H. Box Co., Aliceanna cor Eden, Baltimore, Md.
Dunning-Varney Corp. (Pine, Spruce, Hemlock, etc), 99 Warren, New York
East Brooklyn Box Co. (Yellow Pine, Poplar & Gum), East Brooklyn, Md.
Ellington & Guy (Va. Sap Pine), 611 Times-Dispatch bldg, Richmond, Va.
Ellis E. W. Lumber Co., Grand Rapids, Wis
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Fenton & Sons, Box & Lumber Co., North Tonawanda, N. Y.
Fidalgo Lumber & Box Co. (Exp.), Anacortes, Wash.
Forrester-Nace Box Co., 80 Wyoming, Kansas City, Mo.

Gale Conrad H., Tulley, Mass.
Globe Packing Box Co., Washington & I. C. R. R., New Orleans, La.
Goodwillie Bros. (Pine & Basswood, Hemlock & Hardwood), 10 La Salle, Chicago, Ill.
Gray's Harbor Commercial Co. (Spruce), ft. of 3rd, San Francisco, Cal.
Green A. H. Co., 97 Warren, New York
Green Bros. Box & Lumber Co., Rockford, Ill.
Griggs D. B. & Sons, Chicopee Falls, Mass.
Guilford Mfg. Co., Guilford, Me.
Hahn J. N. Co., Cuyahoga & W 3d, Cleveland, O.
Handy Bros., Bay City, Mich.
Harroun J. E. & Son, Watertown, N. Y.
Hasty J. F. & Sons, 21st & Standish, Detroit, Mich.
Heidt C. & Son, 64 Fairmount av, Jersey City, N. J.
Himmelberger-Harrison Lumber Co. (Gum, Oak, etc), Morehouse, Mo.
Holston Box & Lumber Co. (Tenn. Yellow Poplar), Knoxville, Tenn.
Hutton & Bourbonnais Co., Hickory, N. C.
Jeffreys-Spaulding Mfg. Co., Chase City, Va.
Jordan Lumber Co., Old Town, Me.
Kaiser John H. Lumber Co., Eau Claire, Wis.
Kenfield-Lamoreaux Co. (Also Crating, Shooks & Heading), Washburn, Wis.
King-Ryder Lumber Co., Bonami, La.
Kress F. J. Box Co. (Shooks & Cratings), 2930 Liberty av, Pittsburgh, Pa.
Lansing Co. (Gum & Cottonwood), Lansing, Mich.
Lawrence Lumber Co., Lawrence, Mass.
Lea David M. & Co. (Pine), 1923 E Main, Richmond, Va.
Lindermann Box & Veneer Co., Eau Claire, Wis.
Long-Bell Lumber Co. (Yellow Pine), Kansas City, Mo.
Lowry Robt. C. & Co., 23 Beaver, New York
Lunan J. & Sons, Fall River, Mass.
McFerson & Foster Co. (Cottonwood, Poplar & Gum), Evansville, Ind.
Malvern Lumber Co. (Shooks & Crating), Chemical bldg, St. Louis, Mo.
Marinette & Menominee Box Co. (White Pine Shooks & Crates, in Carload Lots), Marinette, Wis.
Marquette Box & Lumber Co. (Pine, Hemlock, Birch, Maple, etc), Marquette, Mich.
Melendy C. F., Nashua, N. H.
Mengel E. T., Bay City, Mich.
Mershon Eddy Parker Co. (Exp.), Saginaw, Mich.
Michigan Truck & Lumber Co. (Exp.), Holly, Mich.
Millard Lumber Co., New Hamburg, N. Y.
Miller Lumber Co., Marianna, Ark.
Moore & McFerren (Gum & Cottonwood), Memphis, Tenn.
Morrison Mill Co., Bellingham, Wash.
Musser Wm. Lumber & Mfg. Co., Spokane, Wash.
Newman J. J. Lumber Co. (Gum, Poplar & Pine), Scranton, Pa.
Nickless W. H., Bay City, Mich.
Northern Pine Crating Co. (Crating Shooks), Cass Lake, Minn.
Osgood & Blodgett Mfg. Co., Duluth av & E 7th, St. Paul, Minn.
Paepcke-Leicht Lumber Co. (Exp.), 111 W Washington, Chicago, Ill.
Page Geo. G. Box Co., Cambridge, Mass.
Paine Lumber Co. (Ltd.), Oshkosh, Wis.
Parsons Mfg. Co., Chelsea, Mass.
Peart Nields & McCormick Co. (North Carolina Pine), Harrison bldg, Phila., Pa.
Peirce W. E. & Co., Milford, N. H.
Peninsular Box & Lumber Co., Menominee, Wis.
Peterson Bell & Co., Clinton, Ia.
Pierpont Mfg. Co. (Shooks & Crates), Savannah, Ga.
Pingree D. W. Co., Lawrence, Mass.
Pope-Cannon Box Co., Geneva, Ill.
Presbrey A. A. & Son Co., Summer, Providence, R. I.
Prescott Frauk R., Meredith, N. H.
Rathborne, Hair & Ridgway Co., 2279 S Union av, Chicago, Ill.
Red River Lumber Co. (Pine), 807 Hennepin av, Minneapolis, Minn.
Rice H. H. Co., South Athol, Mass.
Richards O. S., Inc., 87 34th, Brooklyn, N. Y.
Rittler Box Co., 621 S Caroline, Baltimore, Md.
Ross Lumber Co., Knoxville, Tenn.
Rust-Owen Lumber Co. (Wisconsin Cork Pine), Drummond, Wis.
St. Croix Paper Co., 244 Washington, Boston, Mass.
Saginaw & Manistee Lumber Co., Williams, Arizona
Santee River Cypress Lumber Co. (Cottonwood, Gum, Ash, Pine & Cypress), Ferguson, S. C.
Seler Mill Co. (Spruce), Raymond, Wash.
Soper Lumber Co. (Pine, Hemlock, etc.), 2204 Loomis, Chicago, Ill.
Stevens Point Box & Lbr. Co., Stevens Point, Wis.
STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Stone R. B. & Co. (Exp.), Spencer, Mass.
Superior Box Co., Superior, Wis.
Surry Lumber Co. (N. C. Pine, Poplar & Gum), Union Trust bldg, Baltimore, Md.
Talbot Bros. Co., Grosvenor bldg, Providence, R. I.
Thompson G. A. & Sons, Hurlock, Md.
Thornton E. A. Lumber Co., 11 S La Salle, Chicago, Ill.
Traders Box & Lumber Co., Rochester, N. Y.
Treworgy Charles J., Ellsworth Falls, Me.
Vance E. J. Box Co. (Ltd.), (Exp.), Bay City, Mich.
Varney Isaac & Sons Co. (Exp.), Fall River, Mass.
Verdi Lumber Co., Verdi, Nev.
Virginia Lumber & Box Co. (Shooks & Cratings), Petersburg, Va.
Ward-Kent Co. (Gum), Greenfield, Tenn.
Wausau Box & Lumber Co., Wausau, Wis.
White, Gratwick & Mitchell, No. Tonawanda, N. Y.
Wilson Lumber & Box Co., Tonawanda, N. Y.
Wing-Engel Box Co., Old Town, Me.
Wood E. K. Lumber Co., 112 Market, San Francisco, Cal.
Woodstock Mfg. Co., Charleston, S. C.
Yeomans Box Co., 274 Wight, Detroit, Mich.

13571—Shooks (Tub, Bucket, Etc.)

Hamlen J. H. & Son, Portland, Me.
Langeland Mfg. Co. (Box), Muskegon, Mich.
Riggs Cypress Co. (Ltd.) (Also for Washing Machines, Ice Cream Freezers), Patterson, La.

13572—Shooting Galleries (Mechanical)

Mangels Wm. F. Co. (Steel), 2863 W 8th, Brooklyn, N. Y.
Mueller F. C. & Co., 1702 N Western av, Chicago, Ill.
Parker C. W., Leavenworth, Kans.
Smith A. J. Mfg. Co., 3247 W Van Buren, Chicago, Ill.

13573—Shooting (Oil & Gas Well)

Ohio Torpedo Co., Steubenville, O.

13574— Shot (Copper)

American Oil & Supply Co. (For Mfg. Jewelers), 52 Lafayette, Newark, N. J
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn. *See adv index at end of book*

13575— Shot (Lead)

Bailey-Farrell Mfg. Co., 3d av & Ross, Pittsburgh, Pa.
Euston Process Co. (Buck Shot & Lead Bullets), Scranton, Pa.
Hoyt Metal Co., Boatmens' Bank bldg, St. Louis, Mo.
Lawrence Shot & Lead Co., Omaha, Neb.
Raymond Lead Co., 735 S Washtenaw av, Chicago, Ill.
Selby Smelting & Lead Co. (Drop, Chilled, etc), 201 1st, San Francisco, Cal.
Sperry D. R. & Co. (Black Finish), Batavia, Ill.
United Lead Co. ("Tatham's"), 111 B'way, New York

13575a—*Shot (Monel Metal)

Williams & Co., Inc. (We sell Monel Metal Shot for making Castings, High-grade Material; Prompt Delivery), 220-226 Penn av, Pittsburgh, Pa.
See adv index at end of book

WILLIAMS & CO. INC.
PITTSBURGH, PA.

13576— Shot (Nickel)

United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn. *See adv index at end of book*
UNITED STATES NICKEL CO., New Brunswick, N. J.
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

13577— Shot (Steel Chilled)

Globe Steel Co. ("Globe," Shot, Grit & Abrasives, also "H. C." Polishing Shot), Mansfield, Ohio
Harrison Supply Co. ("New Process"), 5 **Dorchester av extension, Boston, Mass.**
Pittsburgh Crushed Steel Co., 61st & A. V. R. R., Pittsburgh, Pa.
Townsend, Townsend & Co. (Importers), 453 W 21st, New York

13578—Shot (Steel, Sand-Blast)

Bowers R. C. Granite Co., Montpelier, Vt.
Globe Steel Co. ("Globe" Chilled Steel), Mansfield, O.
Grammes L. F. & Sons, Allentown, Pa. *See adv index at end of book*

13579— Shot (Throwing)

Sperry D. B. & Co. (Black Finish), Batavia, Ill.

13580—Shovel, Spade & Scoop Mfrs.

See also Shovel & Spade Manufacturers
American Mfg. Co. ("Panama," "Suez," "Erie," "Handy-Andy"), Chattanooga, Tenn.
American Shovel & Stamping Co., Lorain, O.
Ames Shovel & Tool Co., Ames bldg, Boston, Mass.
Baldwin Tool Works (Vanadium), Parkersburg, W. Va.
Beall Bros., Alton, Ill.
Belknap John A., Anamosa, Ia.
Central Stamping Co. (Family Grocers Scoops), 172 Fulton, New York
Chisholm's Steel Shovel Wks., Cleveland, O.
Collins Co., Collinsville, Conn.
COLONIAL SUPPLY CO. (Shovels), 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Conneaut Shovel Co. ("Magyar," "Mik Kola," "Ronberg"), Conneaut, O.
Fairbanks Co. ("Fairbanks"), 416 Broome, New York.
For branch offices see Alphabetical Section
French H. P. Co., Inc., 320 B'way, New York *See adv index at end of book*
Hardscog Martin Co., 922 South av, Pittsburgh, Pa.
Hills Edwin, Plainville, Conn.
Hubbard & Co., ("Hubbard," "Wier," "Buck," "Rankin," "Wilson"), 63rd & Butler, Pittsburgh, Pa.
Indiana Rolling Mill Co., New Castle, Ind.
Indiana Shovel Co., New Castle, Ind.
Jackson Shovel & Tool Co., Montpelier, Ind.
Maynard C. A., Northampton, Mass.
Neal B. B. Hardware Co. ("Yankee toothed"), 117 Leonard, New York
Ohio Shovel & Stamping Co. ("Bull Frog" Brand), Dover, O.
Owensboro Shovel & Tool Co. ("McCulloch," "Owensboro," "Kentucky," "Handy Andy"), Owensboro, Ky.
Pfeifer Jno. & Co. (Ltd.), 222 Race, Phila., Pa.
Pittsburgh Gage & Supply Co. ("Best-Ov-All," Contractors'), 30th & Liberty av, Pittsburgh, Pa.
Pittsburgh Shovel Co., Oliver bldg, Pittsburgh, Pa. Works: Leechburg, Pa.

SHOVEL, SPADE & SCOOP MFRS.—cont'd
Russel J. C. Shovel Co., 336 4th av, Pittsburgh, Pa.
Swineford G. A. Co., Canton, O.
Union Furnace Mfg. Co., Union Furnace, Pa.
Waynesburg Pressed Steel Co., Waynesburg, Pa.
Wood Shovel & Tool Co., Piqua, O.
Wyoming Shovel Works, Wyoming, Pa.

13581— Shovels (Bakers')

Conneaut Shovel Co., Conneaut, O.
Pittsburgh Shovel Co., Oliver bldg, Pittsburgh. Works: Leechburg, Pa.
Watkins Jas. Y. & Son, 20 Catherine, New York

Shovels (Coal)

See Shovel, Spade & Scoop Mfrs.

13584— Shovels (Concrete)

Conneaut Shovel Co. ("Mikkola" Patent "Ronberg"), Conneaut, O.
Neal B. B. Hardware Co. ("Yankee-toothed"), 117 Leonard, New York

13585— Shovels (Cultivator)

Albright Jas. H. & Sons, Mifflinburg, Pa.
Allen S. L. & Co. ("Planet, Jr."), Denckla bldg, Phila., Pa.
American Shovel & Stamping Co., Lorain, Ohio
Avery B. F. & Sons, Louisville, Ky.
Cambria Steel Co., Widener bldg, Phila, Pa.
Case J. I. Plow Works, Racine, Wis.
Crescent Forge & Shovel Co., Havana, Ill.
Gale Mfg. Co., Albion, Mich.
Hench & Dromgold Co., York, Pa.
Madison Plow Co., Madison, Wis.
Mason F. C. & Co., St. Johns, Mich.
Noll Bros., 849 Allis, Milwaukee, Wis.
Ohio Cultivator Co., Bellevue, O.
Parlin & Orendorff Co., Canton, Ill.
Star Mfg. Co., Carpentersville, Ill.

13586—Shovels (Electric Power)

American Steel Dredge Co., Ft. Wayne, Ind.
Ball Engine Co., Erie, Pa.
Bucyrus Co., South Milwaukee, Wis.
Marion Steam Shovel Co., P O Box 505, Marion, O.
Thew Automatic Shovel Co., Lorain, O.

13587— Shovels (Fire)

AMERICAN CAN CO., 120 Broadway, New York. *See adv index at end of book*
Central Stamping Co., 174 Fulton, New York
Crunden-Martin Mfg. Co. (Galvanized & Japanned), 2d & Gratiot, St. Louis, Mo.
Fanner Mfg. Co., Cleveland, O.
Geuder Paeschke & Frey Co., Milwaukee, Wis. *See adv index at end of book*
Lalance & Grosjean Mfg. Co., 299 B'way, New York
National Enameling & Stamping Co., 411 5th av, New York
New York Stamping Co. ("Edger's"), N 11th & Berry, Brooklyn, N. Y.
Peck, Stow & Wilcox Co., Southington, Conn.
Republic Metalware Co., The, Buffalo, N. Y.
Schrayer's M. Sons & Co., 917 W 18th, Chicago, Ill.
Stover Mfg. Co., Freeport, Ill.
Union Furnace Mfg. Co., Union Furnace, Pa.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.

13588—Shovels (Gasoline for Power)

Fairbanks Steam Shovel Co., Marion, O.
Marion Steam Shovel Co., P O Box 505, Marion, O.

Shovels (Irrigating)

See Shovels, Steam

13589— Shovels (Lime)

American Mfg. Co., Chattanooga, Tenn.
Conneaut Shovel Co., Conneaut, O.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Indiana Shovel Co., New Castle, Ind.
Owensboro Shovel & Tool Co., Owensboro, Ky.
Pfeifer Jno. & Co. (Ltd.) (Cast Steel), 222 Race, Phila., Pa.

13590—Shovels (Mining Machine)

American Mfg. Co., Chattanooga, Tenn.
Beall Bros., Alton, Ill.
Conneaut Shovel Co. ("Magyar Unions"), Conneaut, O.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Hussey-Binns Shovel Co. (Crucible Cast Steel), 223 4th av, Pittsburgh, Pa. Works: Charleroi, Pa.
Indiana Shovel Co., New Castle, Ind.
Jackson Shovel & Tool Co., Montpelier, Ind.
Marion Steam Shovel Co., P O Box 505, Marion, O.
Myers-Whaley Co., Knoxville, Tenn.
Owensboro Shovel & Tool Co., Owensboro, Ky.
Pfeifer Jno. & Co. (Ltd.), 222 Race, Phila., Pa.
Union Furnace Mfg. Co., Union Furnace Pa.

13591— Shovels (Moulders')

American Mfg. Co., Chattanooga, Tenn.
American Shovel & Stamping Co., Lorain Ohio
Beall Bros., Alton, Ill.
Conneaut Shovel Co., Conneaut, O.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Indiana Shovel Co., New Castle, Ind.
Jackson Shovel & Tool Co., Montpelier, Ind.
Ohio Shovel & Stamping Co., Dover, Ohio
Owensboro Shovel & Tool Co., Owensboro, Ky.
Pfeifer Jno. & Co. (Ltd.), 222 Race, Phila., Pa.
Pittsburgh Shovel Co., Oliver bldg, Pittsburgh. Works: Leechburg, Pa.
Wood Shovel & Tool Co., Piqua, O.
Woodison E. J. Co., Detroit, Mich.

13592—Shovels (Power, Grain)

Chain Belt Co., Milwaukee, Wis.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Great Western Mfg. Co., Leavenworth, Kans.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa. *See adv index at end of book*
Webster Mfg. Co., Tiffin, O.
Weller Mfg. Co., 1856 N Kostner, Chicago, Ill.
Wolf Co. ("Clark" Automatic), Chambersburg, Pa.

13593— Shovels (Sewer)

American Mfg. Co., Chattanooga, Tenn.
Ball Engine Co. (Revolving Steam), Erie, Pa.
Conneaut Shovel Co. (D & Long Handle, Round Point), Conneaut, O.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Wood Shovel & Tool Co., Piqua, O.

13594— Shovels (Sink)

Fischer Bros. & Corwin, 635 N 3d, Newark, N. J.
Hamblin & Russell Mfg. Co., Worcester, Mass.

13595— Shovels (Snow)

Aldrich B. W. & Co. ("Adams," "Hoadley," "Popular"), Wallingford, Vt.
American Shovel & Stamping Co. (Steel), Lorain, O.
Beall Bros., Alton, Ill.
Buffalo Metal Furniture Mfg. Co. (Steel & Galvanized), Buffalo, N. Y.
BUFFALO SLED CO., ("Buffalo" & "Gifford's," Galvanized Steel), N Tonawanda, N. Y.
Combination Ladder Co., 366 Fountain, Providence, R. I.
Hills Edwin, Plainville, Conn.
Hooper F. E. & Son (Wood), Biddeford, Me.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Hussey-Binns Steel Co. (Cast Steel), 223 4th av, Pittsburgh, Pa. Works: Charleroi, Pa.
Indiana Shovel Co., New Castle, Ind.
Jackson Shovel & Tool Co., Montpelier, Ind.
Kohler F. E. Co., Canton, O.
Marston Rake Co. (Wood), Lebanon, N. H.
Ohio Shovel & Stamping Co., Dover, Ohio
Owensboro Shovel & Tool Co., Owensboro, Ky.
Owosso Mfg. Co. (Galvanized Steel Blade also Wood), Owosso, Mich.
Pfeifer Jno. & Co. (Ltd.), 222 Race, Phila., Pa.
Prentice F. W. & Co., Adrian, Mich.
Rugg Mfg. Co. ("Rugg," Wood & Steel), Greenfield, Mass.
Sweet A. H. & Son, Norton, Mass.
Swineford G. A. Co. (Seamless, Flat & Hollow Back), Canton, O

13596— Shovels (Steam)

See also Buckets, Clam Shell, Etc.

American Clay Machinery Co., S Walnut, Bucyrus, O.
American Steel Dredge Co., Ft. Wayne, Ind.
Ball Engine Co. (Revolving), Erie, Pa.
Bay City Dredge Works, Bay City, Mich.
Browning Co., E 162d & Waterloo rd, N. E., Cleveland, O.
BROWNING VICTOR R. & CO., 17701 Lake Shore blvd, Cleveland, O., Mansfield, Ohio, & College Point, N. Y. *See adv index at end of book*
Bucyrus Co. ("Atlantic," "Bucyrus" & "Vulcan." Also Electric), South Milwaukee, Wis.
Duncan Forge Co., Toledo, O.
Fairbanks Steam Shovel Co., Marion, O.
Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
KEYSTONE DRILLER CO. ("Keystone") Beaver Falls, Pa.
KLEINHAUS H. CO. (Second Hand), Union Arcade, Pittsburgh, Pa. *See adv index at end of book*
MACHINERY WAREHOUSE & SALES CO., Old Colony bldg, Chicago, Ill.
Marion Steam Shovel Co., P O Box 505, Marion, O.
Osgood Co., Marion, Ohio
Roanoke Iron Works, Roanoke, Va.
Souther John & Co., 101 Tremont, Boston, Mass.
Thew Automatic Shovel Co., Lorain, O.
Toledo Foundry & Machine Co. ("Victor"), Toledo, O.

13597—Shovels (Steam, Second-Hand)

Apex Equipment Co., 63 Wall, New York
Males Co., 2226 Fulton av, Cincinnati, O.
Mitshkun M. Co., Detroit, Mich.
Shaw Willis, 80 E Jackson Boul., Chicago, Ill.
Torbert A. C. Equipment Co., 208 S La Salle, Chicago, Ill.
Warner P. B., Sedamsville, Culloms Station, Cincinnati, O.
Watson Jno. B., Witherspoon bldg, Phila, Pa.
Zelnicker Walter A. Supply Co., 325 Locust, St. Louis, Mo.

13598— Shovels (Tamping)

Conneaut Shovel Co., Conneaut, O.

13599— Shovels (Telegraph)

See Also Spoons, Digging

Beall Bros., Alton, Ill.
Columbus Handle & Tool Co. (Post Hole, Reinforced Handle), Columbus, Ind.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Indiana Shovel Co., New Castle, Ind.
Jackson Shovel & Tool Co., Montpelier Ind.
Owensboro Shovel & Tool Co., Owensboro Ky.

Pfeifer Jno. & Co. (Ltd.), 222 Race, Phila., Pa.
Pittsburgh Shovel Co. Oliver bldg, Pittsburgh, Pa. Works: Leechburg, Pa.
Union Furnace Mfg. Co., Union Furnace, Pa.

13600—Shovels & Spades (Drain & Tiling)

American Mfg. Co., Chattanooga, Tenn.
Ames Shovel & Tool Co., Ames bldg, Boston, Mass.
Boss Tile Spade Co., Anamosa, Ia.
Farmers' Cement Tile Machine Co., St. Johns, Mich.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Indiana Shovel Co., New Castle, Ind.
Iwan Bros. ("Iwan's" Open Back & Skeleton), South Bend, Ind.
Ohio Shovel & Stamping Co., Dover, Ohio
Osmundson Spade Mfg. Co. ("King"), Perry, Iowa
Owensboro Shovel & Tool Co., Owensboro, Ky.
Wood Shovel & Tool Co., Piqua, O.

13601— Show Cases

American Nickel Works, 555 W Monroe, Chicago, Ill.
American Show Case Co., 289 Greenpoint av, Brooklyn, N. Y.
Ammann Mfg. & Construction Co., 163 av D, New York
Atlantic Show Case Co., 6 Franklin av, B'klyn, N. Y.
Barlow Co., Holyoke, Mass.
Beardslee-Graham Show Case Co., Seattle, Wash.
Becker P. A. Co., 132 Cumberland, Brooklyn, N. Y.
Blitz Bros., 450 N Hermitage av, Chicago Ill.
Bodach Chas. & Sons, 314 S Franklin, Chicago, Ill.
Bryan Show Case Co. (Also Bread Cases), Bryan, O.
California Show Case Co., Los Angeles, Cal.
Columbus Show Case Co., (Also All Glass), 423 N Grant av, Columbus, O.
Cox S. S. Show Case Co., N Manchester, Ind.
Crane Glass & Mfg. Co. (All Glass), 206 St. Clair av, Cleveland, O.
Dallas Show Case & Mfg. Co., Dallas, Tex.
Decatur Fountain Co., Decatur, Ill.
Detroit Show Case Co. ("Silent Salesman"), 480 Fort W, Detroit, Mich.
Detroit Store Fixture Co., Detroit, Mich.
Diamond Show Case Co., 2210 Superior, N W, Cleveland, O.
Duluth Show Case Co., Duluth, Minn.
Dutch A. & Co., 148 Seneca, Buffalo, N. Y.
Fox Z. F. & Son, Freeport, Mich.
Ganter F. X. Co., c Sharp & Ostend, Baltimore, Md.
Geissler Chas. C., 62 N 4th, Phila., Pa.
Glaser Rohrer & Co., 502 E 74th, New York
Grand Rapids Hand Screw Co., Grand Rapids, Mich.
Grand Rapids Show Case Co., Grand Rapids, Mich.
Hamburger E. & Co., 139 Emerson pl, Brooklyn, N. Y.
Himmel M. L. & Son ("Brilliant Ideal"), 109 N Frederick av, Baltimore, Md.
Houston Show Case & Mfg. Co., Houston, Tex.
Huck Mfg. Co., Quincy, Ill.
Illinois Show Case Works (Inc.), 1735 N Ashland av, Chicago, Ill.
Jackson A. R. Kansas City Show Case Works Co., 620 E 3rd, Kansas City, Mo.
Jones James H. S., 39 William, Bridgeport, Conn.
Jorgeson F. C. & Co., 159 N Ann, Chicago, Ill.
Kawner Mfg. Co. (Metal), Niles, Mich.
Knittel Joseph Show Case Co., Quincy, Ill.
Leeds Kyle W., Kansas City, Mo.
Lutke Mfg. Co., 6th & Hoyt, Portland, Ore.
Lyons Hugh & Co., Lansing, Mich.
Mailander Co., Waco, Texas
Michigan Show Case Co. ("Wolverine"), 480 Fort W, Detroit, Mich.
National Show Case Co., Columbus, Ga.
National Show Case Co., 486 Leonard, Brooklyn, N. Y.
Northey Mfg. Co. (Refrigerated), Waterloo, Iowa
Pick Albert & Co., 212 W Randolph, Chicago, Ill.
Phoenix Sliding Blind Co., Phoenix, N. Y.
Pynn & Cameron, Boston, Mass.
Quincy Show Case Works, Quincy, Ill.
Reinle Salmon Co., Warner & Stockholm, Baltimore, Md.
Robin-Hirsch Co., 258 Canal, New York
Rochester Show Case Works, Rochester, N. Y.
Russell A. N. & Sons Co., Ilion, N. Y.
Saginaw Show Case Co., Ltd., Saginaw, Mich.
Segale Mfg. Co. (All Glass), 68 E Spring, Columbus, O.
Selmore, Inc. (Counter Display Cases), 35 E 12th, New York
Shaw Show Case Co., Seattle, Wash.
SNEAD & CO. IRON WORKS (Metal for Museums), 98 Pine, Jersey City, N. J.
See adv index at end of book
Statesville Show Case Co., Statesville, N. C.
Storandt J. W. Mfg. Co., Rochester, N. Y.
Strauss Wm., 416 Arch, Phila., Pa.
Sun Mfg. Co., Columbus, O.
Waddell Co., Greenfield, O.
Walrus Mfg. Co., Decatur, Ill.
Washburn Williams & Co., Scranton, Pa.
Weirich T. H. Fixture Co., Omaha, Neb.
Whitcomb Cabinet Co., Kansas City, Mo.
Wilmarth Show Case Co., Grand Rapids, Mich.
Winter Co., Sheboygan, Wis.
Wolf, Sayer & Heller ("Sayer" Butchers' Show Cases), Fulton & Peoria, Chicago, Ill.
Yesbera Mfg. Co., Toledo, O.

13602—*Show Windows (Automatic Elevating)

Newman Mfg. Co., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill. *See adv index at end of book*

Shrapnel Mfrs.

See Ammunition; also Shells; also Projectiles, Steel

13602a— Shredders (Cane)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

13603— Shredders (Chip)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Mitts & Merrill, Saginaw, Mich.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

13604—Shredders (Corn Cob)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

13605—Shredders (Corn, Family)

Reading Saddle & Mfg. Co., Reading, Pa.

13606— Shredders (Fodder)

Advance-Rumely Thresher Co., La Porte, Ind.
Appleton Mfg. Co. ("Appleton"), Batavia, Ill.
Dick Jos. Mfg. Co., Canton, O.
Keystone Farm Mach Co., York, Pa.
Paper Mach. Co., Shortsville, N. Y.
Ross E. W. Co., Springfield, O.
Silver Mfg. Co. ("New Ohio," "Perfection"), Salem, O.
Smalley Mfg. Co., Manitowoc, Wis.
Whitman Agricultural Co., 6900 S B'way, St. Louis, Mo.
Wilder-Strong Imp. Co., Monroe, Mich.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

13607—Shredders (Frozen Pulp Reduction)

Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*
Ryther & Pringle Co., Carthage, N. Y.

13608— Shredders (Ice)

Giles & Nielsen Nickel Works, Troy, N. Y.
Wrightsville Hardware Co. ("Brighton," "L. S. I. Co."), Wrightsville, Pa.

13609—Shredders (Leather Scrap)

BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

13610—Shredders (Potato & Turnip)

Disston Hy. & Sons, Tacony, Phila., Pa.

13611—Shredders (Sugar Cane)

Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*
Newell Mfg. Co. ("National"), 149 B'way, New York
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

13612—Shrinkers (Tire & Axle)

See also Upsetters, Tire

American Scale Co., Kansas City, Mo.
Buffalo Forge Co., Buffalo, N. Y.
Canedy-Otto Mfg. Co. ("Western Chief"), Chicago Heights, Ill.
Champion Blower & Forge Co. ("Champion," "Lancaster," "American," "Star"), Lancaster, Pa.
Illinois Iron & Bolt Co. ("Magic," "Mole," "Stoddard," "Vulcan"), Carpentersville, Ill.
Potts D. H. Co., Lancaster, Pa.
Rockford Mfg. Co., Rockford, Ill.
South Bend Foundry Co. ("Magic"), South Bend, Ind.
Southern Skein & Fdry. Co., Chattanooga, Tenn.

13613— Shutter Workers

See also Fasteners, Blind

Corbin P. & F., New Britain, Conn.
Quincy Foundry & Novelty Co. ("Pitney"), Quincy, Ill.
Russell & Erwin Mfg. Co., New Britain, Conn.
Zimmerman G. F. S. & Co., Frederick, Md.

13614—Shutters (Fire, Automatic)

COBURN TROLLEY TRACK MFG. CO., P. O. Box 721, Holyoke, Mass.
Lane Bros. Co., Poughkeepsie, N. Y.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn.
See adv index at end of book

13615— Shutters (Steel)

Barnes & Nuss Co., Grand Forks, N. D.
Barnum E. T. Wire & Iron Wks., 864 Woodward, Detroit, Mich.
Beckley Perforating Co., Garwood, N. J.
Cornell Iron Works, 26th & 11th av, New York
DAHLSTROM METALLIC DOOR CO. (Hollow Metal), 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book
Dickelman Mfg. Co., Forest, O.
Eller Mfg. Co., Canton, O.
Huntington Iron Works, Huntington, W. Va.
International Steel & Iron Construction Co., Evansville, Ind.
Kinnear Mfg. Co. (Rolling), Columbus, O.
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Mesker Geo. L. & Co., Evansville, Ind.
Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
Milwaukee Corrugating Co., Milwaukee, Wis.
Penn Metal Ceiling & Roofing Co. (Ltd), 23d & Hamilton, Phila., Pa.
Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn.
See adv index at end of book
Schreiber L. & Sons Co., 3869 Ivanhoe, Cincinnati, O.
Smith F. P. Wire & Iron Wks., 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book

SHUTTERS (STEEL)—continued

Souther E. E. Iron Co. (Corrugated, Fire, etc.), Kienlin & Hamburger, St. Louis, Mo.
Steel Roofing & Stamping Wks, Des Moines, Iowa
Variety Mfg. Co. (Iron & Tin Clad Window), 2958 Carroll av, Chicago, Ill.

13616—Shutters (Steel Rolling)

CORNELL IRON WORKS (Smallest Shutters to Largest Doors), 26th & 11th av, New York
EDWARDS MFG. CO., 545-565 Eggleston av., Cincinnati, O.
See adv index at end of book
Harris S. H. Co., 2424 W 22d, Chicago, Ill.
Johnson Geo. W. Mfg. Co., St. Louis, Mo.
Kinnear Mfg. Co., Columbus, O.
Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn.
See adv index at end of book
Smith F. P. Wire & Iron Wks., 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Variety Mfg. Co., 2958 Carroll av, Chicago, Ill.
Wilson J. G. Corp'n ("Salamander"), Chief Office, 8 W 40th, New York; Mills & Factory: Norfolk, Va.

13617—Shutters (Wood Rolling)

Grant Pulley & Hdw. Co., 101 Park av, N. Y.
Kinnear Mfg. Co., Columbus, O.
Peirce W. E. & Co., Milford, N. H.
Wilson J. G. Corp'n, Chief Office, 8 W 40th, New York. Mills & Factory: Norfolk, Va.

Sickles (Mower & Reaper)

See Knives, Mower & Reaper

13618—Side Dressers for Side Files

Covel Mfg. Co., Benton Harbor, Mich.

13619—Side Edges (Plumbers')

Osborne C. S. & Co., Harrison, N. J.

13620-1—Side Files for Saws

Covel Mfg. Co., Benton Harbor, Mich.
Port Huron Engine & Thresher Co., Port Huron, Mich.

Sidewalk Lights

See Vault & Sidewalk Lights, Plain & Prismatic

Siding (Steel)

See Roofing & Sliding, Iron & Steel; also Steel, Brick & Rock Face Sidings

13621a— Sienna

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Smith J. Lee & Co., (Imp, Raw & Burnt), 19 Jacob, New York

13622— Sieves (Ash)

Butler Mfg. Co. (Rocker), Kansas City, Mo.
Central Stamping Co. ("Central"), 174 Fulton, New York
Diener Geo. W. Mfg. Co. ("Peerless"), 400 Monticello av, Chicago, Ill.
See adv index at end of book
Hamblin & Russell Mfg. Co., Worcester, Mass.
Hessler H. E. Co., Syracuse, N. Y.
Hill Clothes Dryer Co. ("Hustler"), Worcester, Mass.
Jelliff Geo. H. & Son ("Rival"), New Canaan, Conn.
Parker Wire Goods Co. ("Boston"), Worcester, Mass.
Success Mfg. Co. ("Triumph"), Gloucester, Mass.
Wayne Mfg. Co., 2009 N Croskey, Phila., Pa.

13623—Sieves (Cement Testing)

Buffalo Wire Works Co., 453 Terrace, Buffalo, New York
Multi-Metal Separating Screen Co., 251 W 19th, New York
Ulmer J. C. Co., Cleveland, O.

13624— Sieves (Flour)

Buffalo Wire Works Co., 453 Terrace, Buffalo, New York
Central Stamping Co. (Seamless Metallic), 174 Fulton, New York
Day J. H. Co. (Sifters Only) Cincinnati, O.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Jelliff Geo. H. & Son, New Canaan, Conn.
Lalance & Grosjean Mfg. Co., 299 B'way, N. Y.
Marquette John N. Sons, 513 S Eden, Baltimore, Md.
MEYERS FRED J. MFG. Co. ("Hunter's" "Favorite"), Hamilton, O.
See adv index at end of book
National Mfg. Co. ("Natwire," "Victor," "Cycle," "Worcester," "Surprise," "Magic"), Worcester, Mass.
Newark Wire Cloth Co., 222-230 Verona av, Newark, N. J.
See adv index at end of book
Parker Wire Goods Co. ("Majestic," "Columbia," "Standard," "Hunter," "Nameless," "Universal" & "Star Rotary"), Worcester, Mass.
Roseland Can & Specialty Co. ("Apex," "Standard," "Rockford," "Pastry"), Rockford, Ill.
Schlesinger Leo. & Co. ("Excelsior"), 66 Wooster, New York
TYLER W. S. CO., Cleveland, O.
See adv index at end of book

13625— *Sieves (Testing)

Newark Wire Cloth Co., 222-230 Verona av, Newark, N. J.
See adv index at end of book
TYLER W. S. CO., Cleveland, O.
See adv index at end of book

13626— *Sieves (Wire)

TYLER W. S. CO., Cleveland, O.
See adv index at end of book

13627—Sifters (Ash & Coal)

Aurora Steel Products Co. ("Little Wonder") Aurora, Ill.
Diener Geo. W. Mfg. Co. ("Peerless"), 400 Monticello av, Chicago, Ill.
See adv index at end of book
Gem Stamped Steel Co. ("Gem"), Chelsea, Mass.
Gier Pressed Steel Co. ("Lancing" Ash), Lansing, Mich.
Hessler H. E. Co. ("Wonder"), Syracuse, N. Y.
Hill Clothes Dryer Co. ("Hustler"), 40 Central, Worcester, Mass.
Jelliff Geo. H. & Son, New Canaan, Conn.
National Can Co. ("National"), 38 Washington, No. Boston, Mass.
National Enameling & Stamping Co. ("Nesco"), 411 5th av, New York
Rochester Can Co. ("Iron Horse", Ash Only), Rochester, N. Y.
Steinfeld Bros. ("Samson"), 116 W 32d, New York
Success Mfg. Co. ("Perfection," "Triumph"), Gloucester, Mass.
Wickwire Bros. (Metallic), Cortland, N. Y.

13628— Sifters (Flour)

Andrews Wire & Iron Works, Rockford, Ill.
Barnard & Leas Mrg. Co. ("Plansifter"), Moline, Ill.
Clark J. L. Mfg. Co. ("Gem" Rotary & Shaker), Rockford, Ill.
Iddings Co. ("Star-Peerless" Flour Bin & Sifter), Warren, O.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
National Enameling & Stamping Co. ("Columbia" Bin & Sifter), 411 5th av, New York
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
PEORIA CAN CO. ("No-Name"), Peoria, Ill.
Republic Metalware Co., The ("Shaker"), Buffalo, N. Y.
Robinson Mfg. Co., Muncy, Pa.
Sprout, Waldron & Co., Muncy, Pa.
WERNER & PFLEIDERER CO., 1232 No. Niagara, Saginaw, Mich.
See adv index at end of book
Wolf Co., Chambersburg, Pa.

13629— Sifters (Plaster)

Potato Implement Co., Traverse City, Mich.

13630— Sifters (Sand)

Arcade Mfg. Co., Freeport, Ill.
Battle Creek Sand Sifter Co. ("Battle Creek"), Battle Creek, Mich.
Brass Founders Supply Co., Hamberg pl, Newark, N. J.
Brown Specialty Machinery Co. ("Duplex" Electric Pneumatic), 2440 W 22d, Chicago, Ill.
Clearfield Machine Shops, Clearfield, Pa.
Gem Stamped Steel Co., Chelsea, Mass.
Great Western Mfg. Co., Leavenworth, Kans.
Green C. A. Co. (Green Portable Electric Driven), Toledo, O.
Hanna Engineering Works (Pneumatic & Electric), 1764 Elston av, Chicago, Ill.
Herman Pneumatic Machine Co. (Pneumatic), Zellenople, Pa.
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
Osborn Cleveland Mfg. Co., 5405 E Hamilton, Cleveland, O.
Paxson J. W. Co., 1021 No. Delaware av, Philadelphia, Pa.
Standard Sand & Machine Co. (Revolving "Standard" Adjustable Portable). **5150 St. Clair av, Cleveland, O.**
Turner Machine Co. (Portable Motor Driven), 3632 N Lawrence, Phila., Pa.
Worthington Pump & Machy Corp. (Steam, Pneumatic or Electric), 115 B'way, New York
See adv index at end of book

13631—Sifters (Sliding Motion)

Patterson Foundry & Machine Co. ("Patterson" for Wet & Dry Materials), East Liverpool, O.

13632—*Sight Feeds for Oiling Devices

LUNKENHEIMER CO., Executive Offices and Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

13633—*Sight Feeds for Oiling Systems

LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book

NUGENT, WM. W. & CO., 146 W. Superior, Chicago, Ill.
See adv index at end of book

13633a—Sights (Gun & Rifle)

Bausch & Lomb Optical Co. (Telescopic, for Army & Navy), Rochester, N. Y.
Bethlehem Steel Co., S Bethlehem, Pa.
Lyman Gun Sight Corp., Middlefield, Conn.
Marble Arms & Mfg. Co. ("Marble's Flexible Special), Gladstone, Mich.
Marlin Fire Arms Corp., New Haven, Conn.
Savage Arms Corp., Utica, N. Y.
Stevens J. Arms Co., Chicopee Falls, Mass.
Winchester Repeating Arms Co., New Haven, Conn.

13634— Sights (Level)

Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.

13634a—*Sign Display Stands

NELKE L. D. SIGNS NEW YORK, INC., 23 E 26th, New York
See adv index at end of book
Standard Advertising Sign Co., 24 E 27th, New York

13635—Sign Materials (Wood)

Matthew Jas. H. (Marking Outfits), 3942 Forbes, Phila., Pa.
Spanjer Bros. (Letters, Figures, Trademarks, Models, Monograms, etc), ft Center, Newark, N. J.

13636—*Signal Apparatus (Air)

WESTINGHOUSE TRACTION BRAKE CO., Pittsburgh, Pa.

13637—*Signal Apparatus (Electro-Pneumatic)

WESTINGHOUSE TRACTION BRAKE CO., Pittsburgh, Pa.

13638— Signal Car Lights

Brill J. G. Co., 62d & Woodland av, Phila., Pa.
Smith of N. Y. Co., 352 Pearl, New York
Star Headlight & Lantern Co., Rochester, N. Y.

Signal Cord

See Cords, Sash

13638a—Signaling Devices (Electrical)

Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book

13639— Signals (Air Brake)

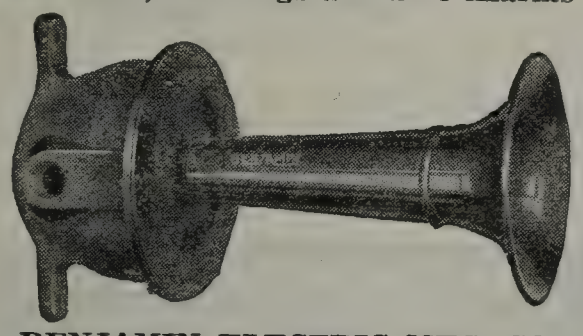
New York Air Brake Co., 165 B'way, New York
WESTINGHOUSE AIR BRAKE CO., (Apparatus), Pittsburgh, Pa.

13640—*Signals (Audible & Visual)

Benjamin Electric Mfg. Co., 120-128 S Sangamon, Chicago, Ill.
See adv index at end of book

BENJAMIN PRODUCTS

INDUSTRIAL SIGNALS
For Calls, Warnings and Fire Alarms



BENJAMIN ELECTRIC MFG. CO.
Chicago
New York San Francisco

13641—Signals (Block System)

Federal Signal Co. (Automatic Electric Block), Albany, N. Y.
General Railway Signal Co. ("G. R. S." Continuous Track Circuit Automatic), Rochester, N. Y.
Railroad Supply Co. ("Chicago"), 203 S Dearborn, Chicago, Ill.
UNION SWITCH & SIGNAL CO., THE (Automatic, Electric & Pneumatic Semaphore), Swissvale, Pa.
United States Electric Signal Co. ("U. S." Automatic), West Newton, Mass.

13642— Signals (Distress)

Coston Signal Co. (Ship Rockets & Water Lights), 24 Water, New York
Galbraith C. C. & Son, 49 West, New York.

13643—Signals (Electric Mine)

American Mine Door Co., Canton, O.
Flint Electric & Mfg. Co., 1402 Delgany, Denver, Colo.
United Electric Apparatus Co. ("Ziegler"), 1529 Columbus av, Boston, Mass.

13644—Signals (Electric Railway)

Blake Signal & Mfg. Co., 251 Causeway, Boston, Mass.
Commercial Elect. Sign Co., 440 W. 46th, New York
Consolidated Car Heating Co. (Inside Car Signals), Albany, N. Y.
Eureka Automatic Electric Signal Co., Tamaqua, Pa.
Federal Signal Co., Albany, N. Y.
General Railway Signal Co. ("G. R. S." Continuous Track Circuit, Automatic Block Signal), Rochester, N. Y.
Hall Switch & Signal Co., 50 Church, New York
Ohio Brass Co., Mansfield, O.
Simmen Automatic Railway Signal Co., ("Simmen" System), 1575 Niagara, Buffalo, N. Y.
UNION SWITCH & SIGNAL CO., THE (Interlocking), Swissvale, Pa.
United Electric Apparatus Co. ("Ziegler"), 1529 Columbus av, Boston, Mass.
United States Electric Signal Co. ("U. S. Automatic Block Signals), West Newton, Mass.
Weir Frog Co., Cincinnati, O.
Wood Chas. N. Co. ("Chapman," Automatic), 14 Federal, Boston, Mass.

13645—Signals (Factory & Office)

Autocall Co., Shelby, O.
Benj. El. Mfg. Co. (Relay), 120-128 S Sangamon, Chicago, Ill.
Couch S. H. & Co., Norfolk Downs, Mass.
Electro-Call Signal Co., 1591 Columbus rd, Cleveland, O.
Federal Sign System, 640 W. Lake, Chicago, Ill.
MEAD ELECTRIC SIGNAL CO. ("Tele-Call"), 2056 E 4th, Cleveland, O.
Multi Signal Co., 210 B'way, Boston, Mass.
National Scale Co., 11 Hendricks, Chicopee Falls, Mass.
Nichals-Lentern Co., 8404 Lorain av (Indicating), Cleveland, O.
Ohio Signal Co., Canton, O.
Scribner A. C. Mfg. Co., Gloversville, N. Y.
Severance Elect. Co. (Hartford), Boston, Mass.
Standard Electric Time Co. ("Standard"), Springfield, Mass.
Stanley & Patterson, 23 Murray, New York
Winkler & Reichmann, 5 S Wabash av, Chicago, Ill.

13646—Signals (For Follow-Up Systems)

Graff Geo. B. Co. ("Graffco Vise"), 294 Washington, Boston, Mass.

13647— Signals (Hospital)

See also Annunciators

Automatic Enunciator Co., 1001 W Van Buren, Chicago, Ill.
Bryant Electric Co., Bridgeport, Conn.
Chicago Signal Co., 522 S Clinton, Chicago, Ill.
Holtzer-Cabot Electric Co., 125 Amory, Boston, Mass.
Novelty Electric Co., 50 N 4th, Phila., Pa.
Winkler & Reichmann, 5 S Wabash av, Chicago, Ill.

13648—Signals (Interlocking Systems)

Federal Signal Co. (Interlocking Manuel & Electric), Albany, N. Y.
General Railway Signal Co., Rochester, N.Y.
UNION SWITCH & SIGNAL CO., THE Swissvale, Pa.

13649—Signals (Pneumatic)

American Safety Lamp & Mine Co. ("Jones"), Scranton, Pa.
Everhart Brass Works ("Everhart" for Mines) Scranton, Pa.
General Railway Signal Co., Rochester, N. Y.
UNION SWITCH & SIGNAL CO., THE ("Westinghouse" Electric Interlocking), Swissvale, Pa.

13650— Signals (Police)

Gamewell Fire Alarm Telegraph Co., 70 E 45th, New York
Utica Fire Alarm Telegraph Co., Utica, N. Y.

13651—Signals (Railway Cab)

Simmen Automatic Railway Signal Co., 1575 Niagara, Buffalo, N. Y.

13652—Signals (Railway Crossing)

See also Gates, Railway Crossing; also Railway Supplies; also Frogs, Switches, & Crossings

Baltimore Enamel & Novelty Co. (Enameled Steel), Woodall, Baltimore, Md.
Bethlehem Steel Co., So. Bethlehem, Pa.
Bryant Mfg. Co., 456 W Ontario, Chicago, Ill.
Bryant Zinc Co. (Illuminated Highway), 600 Orleans, Chicago, Ill.
Consolidated Car Heating Co., Albany, N. Y.
Electric Service Supplies Co. ("Keystone" Highway), 17th & Cambria, Phila., Pa.
Enameled Steel Sign Co., 222 N State, Chicago, Ill.
Federal Signal Co., Albany, N. Y.
General Railway Signal Co., Rochester, N. Y.
Hall Switch & Signal Co., 50 Church, New York
Handlan-Buck Mfg. Co. ("Newton's"), 210-14 N 3d, St. Louis, Mo.
Kalamazoo Railway Supply Co. (Electrical & Mechanical), Kalamazoo, Mich.
Protective Signal Mfg. Co. ("Protective"), Denver, Colo.
Railroad Supply Co. ("Chicago" and "Wig Wag" Highway Crossing Alarms for Steam Railroads), 203 S Dearborn, Chicago, Ill.
Ramapo Iron Works, Hillburn, N. Y.
Standard Railway Gate Co., Saginaw, Mich.
Taite Railway Signal Co., Coatesville, Pa.

NOTICE

An object of this book is to give complete lists of the manufacturers of every article made from iron and steel. Consult the Index of Contents for the particular product required. If it is not to be found in the Register, kindly advise and we will supply the deficiency.

S. E. HENDRICKS CO., Inc.
2 W. 13th Street, New York City

SIGNALS (RAILWAY CROSSING)—continued

UNION SWITCH & SIGNAL CO., THE, Swissvale, Pa.
United Electric Apparatus Co. ("Ziegler"), 1529 Columbus av, Boston, Mass.

13653— Signals (Switch)

Bethlehem Steel Co., So. Bethlehem, Pa.
Buda Co., Railway Exch. bldg, Chicago, Ill.
Federal Signal Co., Albany, N. Y.
General Railway Signal Co., Rochester, N. Y.
Ramapo Iron Works, Hillburn, N. Y.
UNION SWITCH & SIGNAL CO., THE, Swissvale, Pa.

13654—Signals (Train Order)

Adams & Westlake Co. (Telegraph), 319 W Ontario, Chicago, Ill.
Federal Signal Co., 52 Vanderbilt av, New York
General Railway Signal Co., Rochester, N. Y.

13655—Signs (Advertising)

Adams E. P. Co., 170 Summer, Boston, Mass.
Adco, Inc., 381 4th av, New York
Am. Sign Co., Kalamazoo, Mich.
Aultman & Locke, 224 3d av, Milwaukee, Wis.
Bachrach & Co., 577 Market, San Francisco, Cal.
Barker C. G., Ithaca, N. Y.
Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.
Binger Co., Inc., 53 W. 23d, New York
Borreson Mfg. Co., St. Paul, Minn.
Bradford Co., St. Joseph, Mich.
Buck C. H. & Co., 411 Dorchester av, Boston, Mass.
Chicago Glass Novelty Co. (Gold Glass Letters for Dealers Signs), Marion, Ind.
Clark W. L. Co. (Changeable Letters), 115-117 Nassau, New York
Cleveland-Akron Bag Co., Cleveland, O.
Commercial Elect. Sign Co., 440 W 46th, New York
De Witt Davis, Jr., White bldg., Buffalo, N. Y.
Eclipse Sign & Advertising Co. (Paper Enameloid), Reading, Pa.
Enamel Products Co. (Porcelain Enameled Iron), Eddy rd and Taft av, Cleveland, Ohio
Enameled Iron Sign Co., 22 E 27th, New York
Ettlinger Sign Co., 638 Federal, Chicago, Ill.
General Advertising Co. (For Paint & Varnish Makers), Reading, Pa.
Grammes L. F. & Sons (Metal), Allentown, Pa. *See adv index at end of book*
Gude O. J. & Co., 220 W 42d, New York
Hamilton-Bacon Sign Co., 2440 W 22d av, Chicago, Ill.
Hobson-De Lone Co., 15th and Wallace, Philadelphia, Pa.
INGRAM-RICHARDSON MFG. CO. (Porcelain Enameled Iron), Beaver Falls, Pa.
Joplin Advg. Sign Co., Joplin, Mo.
Little & Preuss, 309 E 22d, New York
Madden John & Co., 718 Natoma, San Francisco, Cal.
Martin L. E. Co., Baltimore, Md.
Massillon-Cleveland-Akron Sign Co., Massillon, Ohio
Meyercord Co. (Transfer Window Signs), Chamber of Commerce bldg., Chicago, Ill.
Moeller Ed J., Davenport, Iowa
Moise-Klinker Co., 369 Market, San Francisco, Cal.
Munn Sign & Advg. Co., Atlanta, Ga.
Natl. Art Works, Covington, Ky.
Nelke L. D. Signs, New York, Inc., 23 E 26th, New York
See adv index at end of book
Newell L. B., 170 Summer, Boston, Mass.
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Nugent Advg. Co., 29 N 13th, Philadelphia, Pa.
Oyen Advg. Sign System, La Crosse, Wis.
Palm, Techteler & Co., 67 5th av, New York
Pioneer Metal & Glass Sign Co., 423 Hayes, San Francisco, Cal.
Plampin Lithograph Co., 147 Waverly pl, New York
Plume Edw. Co. Co., 417 Dearborn, Chicago, Ill.
Press Sign Co. of St. Louis, Mo., 202-204 S 17th, St. Louis, Mo.
Quaker City Sign Co., 1714 Sansom, Philadelphia, Pa.
Sampliner Adv. Co., 7th av & 49th, New York
Shonk Chas. W. Co., 76 Washington blvd, Detroit, Mich.
Sign Ad Co., Geneva, N. Y.
Smith-Hecht Co., Century bldg., Indianapolis, Ind.
Stanford-Crowell Co. (Board, Tin & Cloth), Ithaca, N. Y.
Statesman Co., Marshall, Mich.
Stearns Paper Products Co. (Changeable Letters), 232 Federal, Chicago, Ill.
Stout P. G. Sign & Advg. Co., St. Louis, Mo.
Tri-Color Sign Co., 4824 W Lake, Chicago, Ill.
Up-To-Date Advertising Co., Canisteo, N. Y.
Viking Sign Co., 527 5th av, New York
Winters H. E. Davenport, Ia.

13656— Signs (Aluminum)

Aluminum Goods Mfg. Co. (Advertising), Manitowoc, Wis.
Aluminum Sign Co., Kewaunee, Wis.
Aluminum Specialty Co., Manitowoc, Wis.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Nelke L. D., Signs, New York, Inc., 23 E. 26th, New York
See adv index at end of book
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.

13657—Signs (Automobile Radiator)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book

13658—Signs (Brass & Bronze)

Barnum E. T. Wire & Iron Works, 864 Woodward, Detroit, Mich.
Benfield & Milne Mfg. Co. (In raised letters), 374 Woodside av, Newark, N. J.
Bolles, J. E. Iron & Wire Works, 4th & Porter, Detroit, Mich.
Brinkerhoff's J. P. Sons, 57 Dey, New York
Bryan Co., Cleveland, O.
Buck C. H. & Co., 411 Dorchester av, Boston, Mass.
Buckeye Iron & Brass Works (Brass Window or Door), Dayton, O.
Cabaret Paul E. & Co., 126 11th av, New York
Chicago Metal Sign Co., 20 N Wells, Chicago, Ill.
Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
COLUMBUS BRASS CO., 538 Dublin av, Columbus, O. *See adv index at end of book*
Detroit Mausoleum Equipment Works, Detroit, Mich.
Ellison Brass Mfg. Co., Jamestown, N. Y.
Flour City Ornamental Iron Works, 27th st & 27th av, Minneapolis, Minn.
GORHAM CO. ARCH'L BRONZE, 5th av & 36th, New York. Works, Providence, R. I. *See adv index at end of book*
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Henry-Bonnard Bronze Co. (Also Brass & Iron), 20 Exchange pl, New York
Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill. *See adv index at end of book*

BRASS & BRONZE SIGNS
THE IMPERIAL BRASS MFG. CO.
CHICAGO

Inglis Wm. Wire & Iron Works, 61 Woodbridge av, Detroit, Mich.
Jackson Wm. H. Company, 2 W 47th, New York
Jones, Trevor F. & Co. (Also Silver), 374 W B'way, New York
Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
Matthews Jas. H. & Co., 3942 Forbes, Pittsburgh, Pa.
MOISE-KLINKNER CO., 369 Market, San Francisco, Cal.
Nelke L. D., Signs, New York, Inc. (Brass), 23 E 26th, New York
See adv index at end of book
NEWMAN MFG. CO., 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill. *See adv index at end of book*
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Novelty Sign Co. (Raised Letter), 208 W. 3d, Cincinnati, Ohio
Pioneer Metal & Glass Sign Co., 423 Hayes, San Francisco, Cal.
Rutledge Geo. Co. (Brass Etched), 309 E 22d, New York
St. Louis Brass Mfg. Co., Jefferson & Washington, St. Louis, Mo.
Schwerdtle Stamp Co., 43 Cannon, Bridgeport, Conn. *See adv index at end of book*
Seiferlein & Malleis, Detroit, Mich.

Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.
Tweed & Rau, 1027 W Madison, Chicago, Ill.
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
Van Hoven John H. H. (Brass & Silver), 42 E 9th, New York
Winslow Bros. Co., 4600 Harrison, Chicago, Ill.

13659— Signs (Car)

See also Signs, Enameled Steel

Abbot Enamel Sign Co., 24 E 26th, New York
Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.
Brill J. G. Co. ("Brilliant," Reversible), 62d & Woodland av, Phila., Pa.
Columbia Machine Works & Malleable Iron Co. ("Millen" Illuminated), Atlantic av & Chestnut, Brooklyn, N. Y.
Creaghead Engineering Co., (Indicating & Destination), 340 Main, Cincinnati, O.
Electric Service Supplies Co. ("Keystone"), 17th & Cambria, Phila., Pa.
Enameled Iron Sign Co., 22 E 27th, New York
Enameled Steel Sign Co., 222 N State, Chicago, Ill.
Hunter Illuminated Car Sign Co. (Illuminated), Linden av, Flushing N. Y.
Ingram-Richardson Mfg. Co. (Porcelain Enameled Iron) Beaver Falls, Pa.
Nelke L. D., Signs, New York, Inc., 23 E. 26th, New York
See adv index at end of book
Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 W. Washington, Chicago, Ill. *See adv index at end of book*
Rawson & Evans Co., 710 W Washington blvd, Chicago, Ill.
Royal Enameling Mfg. Co., Des Plaines, Ill.
St. Louis Car Co., 8000 N. B'way, St. Louis, Mo.
U. S. Electric Signal Co. ("Henderson" Illuminated), West Newton, Mass.
Weber Illuminating Sign Co., Reading, Pa.
Western Sand Blast Mfg. Co., 1458 W Kinzie, Chicago, Ill.

13660— Signs (Cardboard)

Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.
Chicago Show Card Wks., 406 S Dearborn, Chicago, Ill.
Cleveland-Akron Bag Co., Cleveland, O.
Easton Printing & Mfg Co., Dayton, O.
Harrison Co. (Paraffined), Union City, Ind.
Hartman Robt. Co., Inc. (Embossed), 409 Pearl, New York
Massillon-Cleveland-Akron Sign Co., Massillon, Ohio
National Fibre & Insulation Co., Yorklyn, Del.
Nelke L. D., Signs, New York, Inc. (Plain & Waterproof, etc.), 23 E 26th, New York *See adv index at end of book*
Novelty Sign Co., 208 W 3d, Cincinnati, O.
Permanent Advtg. Co. (Enameled), Reading, Pa.
Schulman Bros., 564-572 W Randolph, Chicago, Ill.
Standard Advertising Sign Co. (Plain & Waterproof), 24 E 27th, New York
Tri-Color Sign Co. (Paraffined), 4824 W. Lake, Chicago, Ill.
Up-to-Date Advertising Co. (Waterproof), Canisteo, N. Y.

13661— Signs (Carved)

Spanjer Bros., ft Center, Newark, N. J.

13662— Signs (Celluloid)

Baltimore Sign Co., Industrial bldg, Baltimore, Md.
Bastian Bros. Co. ("Pulveroid"), Rochester, N. Y.
Beach H. D. Co., Coshocton, O.
Ehrman Mfg. Co., 170 Summer, Boston,
General Advertising Co., Reading, Pa.
Husted Mortimer A., Philadelphia, Pa.
Meek J. F. Co., Coshocton, O.
Standard Advertising Sign Co., 24 E 27th, New York
Whitehead & Hoag Co., 272 Sussex av, Newark, N. J.

13633—Signs (Chipped Glass)

Rawson & Evans Co. (In Silver & Gold), 710 W Wash'n blvd, Chicago, Ill.

Signs (Cloth)

See Signs, Muslin

13664-5—Signs (Electric Illuminated)

A. & W. Electric Sign Co. ("A. & W."), Cleveland, O.
Allaway & Hancox, 5944 S Halsted, Chicago, Ill.
American Sign Co., Kalamazoo, Mich.
American Sign Works, 109 W Dearborn, Chicago, Ill.
Bailey Reflector Co., 617 2d, Pittsburgh, Pa.
Baltimore Enamel & Novelty Co., Woodall, Baltimore, Md.
Betts & Betts Corp'n, 513 W 42d, New York
Bilt-Well Sign System Electric Co., 115 E 15th, New York
Binger Co. (Window Display), 53 W 23d, New York
Bofinger Bros., 146 E 42d, New York
Brilliant Mfg. Co., 1035 Ridge av, Phila., Pa.
Brink C. I. (Inc.), 24 Gold, Boston, Mass.
Buck C. H. & Co., 411 Dorchester av, Boston, Mass.
Burdick Enamel Sign Co., 220 S State, Chicago, Ill.
Canton Electric Sign Co., Canton, O.
Canton Sign Co., Canton, Ohio
Chase Electric Co. ("Chaseco"), 105 S Dearborn, Chicago, Ill.
Chicago Electric Sign Co., 18 S Clinton, Chicago, Ill.
Chicago Watch Tool Co., 1956 Grand av, Chicago, Ill.
Chris Sign & Wall Paper Co., Seattle, Wash.
Colonial Sign & Insulator Co., Akron, O.
Commercial Utilities & Mfg. Co., Worcester, Mass.
Common Sense Novelty Co., Sheffield & Montana, Chicago, Ill.
Consolidated Electric Sign Co., 213 W Austin av, Chicago, Ill.
Continental Sales Display Corp., 110 W 40, New York
Cusack Thomas Co., 1312 W Harrison, Chicago, Ill.
Dawes Electric Sign Mfg. Co., Arrot Pr., Pittsburgh, Pa.
Display Fountain Mfg. Co., 187 Broadway, New York
Dundee Mfg. Co. (Window Tippers, "Midas" Mystery Platforms), 95 Bedford, New York
Elliott Service Co., 110 W 40, New York
Ellis Electric Sign Co., Denver, Colo.
Electric Carriage Call & Specialty Co. (Changeable & Permanent), 311 W 40th, New York
Electrical Products Corp., 941 W 16th, Los Angeles, Cal.
Electro-Ad Co. ("Newest," "Phelps"), Detroit, Mich.
Empire Elec. Sign Co., 162 E 118th, New York
Enameled Steel Sign Co., 222 N State, Chicago, Ill.
Federal Sign System (Electric "Win-do-Lite"), 640 W Lake, Chicago, Ill.
Flashtric Sign Wks. (Interchangeable), 216 N Clinton, Chicago, Ill.
Flexlume Sign Co., 1453 Niagara, Buffalo, N. Y.
Fricker Fred, 428 11th av, New York
Frink I. P. Inc., 10th av & 24th, New York
Gillam M. M., 110 W 34, New York
Gillette Electric Street Clock Co., 728 Buckingham pl, Chicago, Ill.
Greenwood Advertising Co. ("Individuality"), Knoxville, Tenn.
Greenwood System, Knoxville, Tenn.
Haller Sign Works ("Luna"), 213 W Austin av, Chicago, Ill.
Halpern Bros., 115 E 107th, New York
Herberts Engrg. Co., 10 E 43d, New York
Horn W. J. Sign Posting Co., Springfield, Ill.
Import Sales Co. (Ltg. Outfit), 318 E 32d, New York
K. & H. Sign Mfg. Co., ("Elite"), Aiken & P. R. R., Pittsburgh, Pa.
Kanneberg Roofing & Ceiling Co. ("Eclipse"), Canton, O.
Klintz A. & Co., 905 W Randolph, Chicago, Ill.
Kirn G. C. Adv. Sign Co., 1303 Pine, St. Louis, Mo.
Langever J. J., Fort Worth, Tex.
Ltg. Studios Co. (Druggists' signs), 220 W 42d, New York
Lindstrom Smith Co. ("Flash-I-Do"), 1104 S. Wabash av, Chicago, Ill.
Martin P. J., 302 W 53rd, New York
Marx Zero Sign Works ("Zero"), 126 W Peoria, Chicago, Ill.
Metropolitan Eng. Co., 35 Vestry, New York
Meyercord Co. (Advertising Specialties), 133 W Washington, Chicago, Ill.
Model Sign Works, 9th & Venango, Phila., Pa.
Motley Bros. Elec. Co., Memphis, Tenn.
National Enameling Co., Montgomery & Lexington avs, Norwood, Cincinnati, Ohio
National Elec. Co., 613 E. Lombard, Baltimore, Md.
National Retailers' Adv. Corp., Kansas City, Mo.
Nelke L. D., Signs, New York, Inc., 23 E. 26th, New York
See adv index at end of book
Nelson Anthony (Checker Boards), St. Paul, Minn.
Newark Sign Co., 27-33 Treat pl, Newark, N. J.
Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill. *See adv index at end of book*
Norden Elect. Sign Co. (Stage Announcers), 311 W 40th, New York
Novelty Electric Sign Co., 165 Eddy, San Francisco, Cal.
Novelty Sign Co., 208 W 3d, Cincinnati, O.
Opal Sign Co., 254 10th av, New York
Overbagh & Ayres Mfg. Co., 411 S Clinton, Chicago, Ill.
Paige Sign Co., Worcester, Mass.
Pause P. & Co. ("Unique"), 400 W Erie, Chicago, Ill.
Phelps Mfg. Co. ("New-Est," "Phelps"), 265 Jefferson av, Detroit, Mich.
Pittsburgh Electric Specialties Co., Ross & First, Pittsburgh, Pa.
Providence Electric Mfg. Co., 23 Broad, Providence, R. I.
R. R. Sign Co., Dayton, O.
Rawson & Evans Co., 710 W Washington blvd, Chicago, Ill.
Reuter Elect. Co., 34 E 6th, Cincinnati, O.
Reynolds-Dull Flasher Co., 18 S Wells, Chicago, Ill.
Rice Geo. H. Co., 481 Sterling pl, Brooklyn, N. Y.
Robinson S. H. Co., 814 Walnut, Phila., Pa.
Schmook Harry B., Springfield, Mo.
Sign Ad Co., Geneva, N. Y.
Sign-O-Graph Mfg. Co., 431 S Dearborn, Chicago, Ill.
Smith-Hecht Sign Co., Indianapolis, Ind.
Solar Electric Co., 124 W Lake, Chicago, Ill.
Strauss & Co., 209 W 48th, New York
Tripp & Co., 33 N Wells, Chicago, Ill.
Universal Elec. Stage Ltg. Co., 240 W 50th, New York
Viking Sign Co., 527 5th av, New Yrok
Weber Illuminating Sign Co., Reading, Pa.
Western Display Co. ("Reflectric"), 301 Chestnut, St. Paul, Minn.
Western Sand Blast Mfg. Co., 1458 W Kinzie, Chicago, Ill.

13666—Signs (Enameled Iron)

Abbot Enamel Sign Co., 24 E 26th, New York
Baltimore Enamel & Novelty Co., Woodall, Baltimore, Md.
California Corrugated Culvert Co. (Calco.) Berkeley, Cal.
California Metal Enameling Co., Los Angeles, Cal.
Crichton-Curl Enamel Co., Ellwood City, Pa.
Enamel Products Co. (Advertising, etc), Eddy rd. & Taft av, Cleveland, Ohio
Enameled Iron Sign Co., 22 E 27th, New York
Ingram-Richardson Mfg. Co., 100 William, N. Y.
INGRAM-RICHARDSON MFG. CO. (Porcelain Enameled). Factory: Beaver Falls, Pa.
Maryland Enamel & Sign Co. (Porcelain Enameled) O'D & 8th, Baltimore, Md.
Matthews Jas. H. & Co., 3942 Forbes, Pittsburgh, Pa.
Moise-Klinker Co., 369 Market, San Francisco, Cal.
Nelke, L. D., Signs, New York, Inc. (Also Tin, etc.), 23 E. 26th, New York
See adv index at end of book
Royal Enameling Mfg. Co., Des Plaines, Ill.
Shonk Charles W. Co., Maywood, Ill.

13667—Signs (Enameled Steel)

See also Signs, Car

Abbot Enamel Sign Co., 24 E 26th, New York
Baltimore Enamel & Novelty Co., Woodall, Baltimore, Md.
Benfield & Milne Mfg. Co., 374 Woodside av, Newark, N. J.
Brilliant Mfg. Co., 1035 Ridge av, Phila., Pa.
Burdick Enameled Sign Co., 220 S State, Chicago, Ill.
Cusack Thos. Co., 1312 W Harrison, Chicago, Ill.
Dawes Electric Sign Mfg. Co., Arrott Pr., Pittsburgh, Pa.
Enameled Iron Sign Co., 22 E 27th, New York
Enameled Steel Sign Co., 222 N State, Chicago, Ill.
Ingram-Richardson Mfg. Co. (Porcelain Enameled), Beaver Falls, Pa.
National Enameling Co., Montgomery & Lexington avs, Norwood, Cincinnati, O.
Nelke, L. D., Signs, New York, Inc., 23 E 26th, New York
See adv index at end of book
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Ohio Valley Enameling Co., Huntington, W. Va.
Passaic Metal Ware Co., Passaic, N. J.
Safety First Supply Co., Hartje bldg, Pittsburgh, Pa.
Stonehouse Enameled Steel Sign Co., Denver, Colo.

13668—Signs (Etched Metal)

Abbott W. H., 143 W 42d, New York
Buck C. H. & Co., 411 Dorchester av, Boston, Mass.
Dayton Stencil Works, Dayton, O.
Electro Chemical Engraving Co., 450 19th, Brooklyn, N. Y.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Haeusermann Metal Mfg. Co., 3114 3d av, New York
Matthews Jas. H. & Co., 3942 Forbes, Pittsburgh, Pa.
Nelke, L. D., Signs, New York, Inc., 23 E 26th, New York
See adv index at end of book
Newark Brass Plate Engraving Co., 52 Lawrence, Newark, N. J.
Newman Mfg. Co. (Brass & Bronze), 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill.
See adv index at end of book
Rutledge Geo. Co., 309 E 22d, New York
Salo Art Metal Co., Binghamton, N. Y.
Shonk Chas. W. Co., Maywood, Ill.
Tweed & Rau, 1027 W Madison, Chicago, Ill.
Waterbury Etching Co., Waterbury, Conn.

13669—Signs (Fence Board)

Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.
Cleveland-Akron Bag Co., Cleveland, O.
Nelke, L. D., Signs, New York, Inc., 23 E 26th, New York
See adv index at end of book

13670— Signs (Fibre)

See also Signs, Cardboard

NELKE, L. D., SIGNS, NEW YORK, INC. (Folded Edge), 23 E 26th, New York
See adv index at end of book
Standard Advertising Sign Co. (Folded Edge), 24 E 27th, New York

13670a—*Signs (Framed Metal Bulletin)

NELKE, L. D., SIGNS, NEW YORK, INC. 23 E 26th, New York
See adv index at end of book
Standard Advertising Sign Co., 24 E 27th, New York

13671— Signs (Glass)

Asbury Glass Sign Co., 304 Greenwich, New York
Buck C. H. & Co., 411 Dorchester av, Boston, Mass.
Cincinnati Advtg. Pad. Co., 1101 York, Cincinnati, Ohio
Dawes Electric Sign Mfg. Co., Arrot Pr., Pittsburgh, Pa.
Denzi & Phillips, 24 Dey, New York
Economy Advtg. Co. (Illuminated), Centralia, Ill.
Empire Ornamental Glass Co., 437 Washington, New York
Gen. Glass Mfg. Co., 355 Union Park ct, Chicago, Ill.
Giesse Glass Sign Works, 147 Duane, New York
Herrlein & Henrich Co. (All Kinds for All Purposes), 97 Hudson, New York
Home Art Glass Wks., 290 14th, San Francisco, Cal.
Intl. Sign Co., Cleveland, Ohio
Jones Decorative Glass Co., Hudson av & Concord, Brooklyn, N. Y.
Liberty Glass Sign Co., 543 4th av, Pittsburgh, Pa.
Mansfield & Co., 229 West, New York
Moise-Klinkner Co., 369 Market, San Francisco, Cal.
Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill.
See adv index at end of book
Novelty Sign Co., 208 W 3d, Cincinnati, O.
Opal Sign Co. (Illuminated), 254 10th av, New York
Pause P. & Co., 400 W Erie, Chicago, Ill.
Photoplating Co., Minneapolis, Minn.
Pioneer Metal & Glass Sign Co., 423 Hayes, San Francisco, Cal.
Rawson & Evans Co., 710 W Washington blvd, Chicago, Ill.
Rodier & Fitzgerald, 296 Pearl, New York
Rutledge Geo. Co., 309 E 22d, New York
Saginaw Glass Sign Co., Saginaw, Mich.
Sentenne & Green, 150 Nassau, New York
Solar Elec. Co. (Illuminated), 164 Lake, Chicago, Ill.
Tweed & Rau, 1027 W Madison, Chicago, Ill.
Weber Illuminating Sign Co., Reading, Pa.
Western Sand Blast Mfg. Co., 1458 W Kinzie, Chicago, Ill.
Wunder J. & Co., 225 W Van Buren, Chicago, Ill.

13672—*Signs (Interchangeable Letter)

Abbot Enamel Sign Co., 24 E 26th, New York
Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago,
See adv index at end of book

13673—Signs (Litho. Metal)

Am. Art Wks., Coshocton, Ohio
American Art Sign Co., 201 37th, Brooklyn, N. Y.
Beach H. D. Co., Coshocton, O.
Crown Cork & Seal Co., 1511 Guilford av, Baltimore, Md.
Haeusermann Metal Mfg. Co., 3114 3d av, New York
Kaufman & Strauss Co., 122 5th av, New York
Lavenson Bureau, 308 Walnut, Philadelphia, Pa.
Meek J. F. Co., The, Coshocton, O.
Martin & Martin, 3015-17 Carroll av, Chicago, Ill.
Massillon-Cleveland-Akron Sign Co., Massillon, Ohio
Metzger M. Co., 143 N Wabash av, Chicago, Ill.
National Can Co., Detroit, Mich.
Nelke, L. D., Signs, New York, Inc., 23 E 26th, New York
See adv index at end of book
New York Metal Ceiling Co., 537 W 24th, New York
Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill.
See adv index at end of book
Niagara Litho. Co., 1050 Niagara, Buffalo, N. Y.
Ohio Art Co., Bryan, Ohio
Ritter Mfg. Co., 1543 N Hutchinson, Philadelphia, Pa.
Sentenne & Green, 150 Nassau, New York
Shonk Chas. W. Co., Maywood, Ill.
Scioto Sign Co., Kenton, Ohio
Southern Can Co., Baltimore, Md.
Standard Advertising Sign Co., 24 E. 27th, New York
Stout Sign Co., St. Louis, Mo.
St. Louis Tin & Sheet Metal Working Co., St. Louis, Mo.
Western Enameled Steel Sign Co., 180 N Dearborn, Chicago, Ill.
Winters Co., Springfield, Ohio
Tweet & Rau, 1027 W Madison, Chicago, Ill.

13674— Signs (Metal, Etc.)

Abbot Enamel Sign Co., 24 E 26th, New York
Ackermann Geo. & Sons Co., Cincinnati, O.
Adams S. G. Stamp & Stationery Co., 412 N 6th, St. Louis, Mo.
American Art Works, Coshocton, O.
Baltimore Sign Co., Industrial bldg, Baltimore, Md.
Bofinger Bros., 146 E 42d, New York
Brink C. I. (Inc.), 24 Gold, Boston, Mass.
Brinkerhoff's J. P. Sons, 57 Dey, New York
Bryan Co., Cleveland, O.
Buck C. H. & Co., 411 Dorchester av, Boston, Mass.
Burdick Enameled Sign Co., 220 S State, Chicago, Ill.
California Corrugated Culvert Co. ("Calco"), Berkeley, Cal.
Central Wire & Iron Works, 813 S 7th, St. Louis, Mo.
Chicago Metal Sign Co., 20 N Wells, Chicago, Ill.
Indestructible Sign Co., 62 Prescott, Columbus, O.
INGRAM-RICHARDSON MFG. CO., Beaver Falls, Pa.
Jones Trevor F. & Co., 374 W B'way, New York
Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
Massillon-Cleveland-Akron Sign Co., Massillon, Ohio
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
Moise-Klinkner Co., 369 Market, San Francisco, Cal.
See adv index at end of book
Murrell Mfg. Co., Long Island City, N. Y.
National Can Co., Detroit, Mich.
Nager Press Sign Co. (Steel Framed), 421-425 S Main, St. Louis, Mo.
Nelke, L. D., Signs, New York, Inc., 23 E 26th, New York
See adv index at end of book
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Passaic Metal Ware Co. (Steel), Passaic, N. J.
Pathie Wm. Co. (Brass, Copper, etc), Worcester, Mass.
Pioneer Metal & Glass Sign Co., 423 Hayes, San Francisco, Cal.
S. W. S. Mfg. Co., Davenport, Iowa
Salo Art Metal Co. (Metal Etched. Engraved & Applied Letters), Binghamton, N. Y.
Sentenne & Green, 150 Nassau, New York
Spanjer Bros. (of all Descriptions), ft of Center, Newark, N. J. & 708 N Green, Chicago, Ill.
Stonehouse Steel Sign Co., Denver, Colo.
Tri-Color Sign Co., 4824 W Lake, Chicago, Ill.
Towle F. S. Co., 332 B'way, New York
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
Up-to-Date Advertising Co. (Embossed, etc.), Canisteo, N. Y.
Van Hoven John H. H. (Brass & Silver), 42 E 9th, New York
Western Sand Blast Mfg. Co., 1458 W. Kinzie, Chicago, Ill.
Winters H. E. Davenport, Ia.

13674a— Signs (Metal, Paint Printed)

NELKE, L. D., SIGNS, NEW YORK, INC. 23 E 26th, New York
See adv index at end of book
Standard Advertising Sign Co., 24 E 27th, New York

13675— Signs (Muslin)

Baltimore Sign Co., Industrial bldg, Baltimore, Md.
Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.
Bryan Co., Cleveland, O.
Cleveland-Akron Bag Co., Cleveland, O.
Cross Press & Sign Co., 1510 Dayton, Chicago, Ill.
Eastern Printing & Mfg. Co., Dayton, O.
Geraghty & Co., 3035 W Lake, Chicago, Ill.
Marx Zero Sign Works, 126 N Peoria, Chicago, Ill.
Massillon-Cleveland-Akron Sign Co., Massillon, Ohio
Millhiser Bag Co., Richmond, Va.
Nelke, L. D., Signs, New York, Inc. (Also Oilcloth), 23 E 26th, New York
See adv index at end of book

Newell L. B., 170 Summer, Boston, Mass.
Novelty Sign Co., 208 W 32nd, Cincinnati, Ohio
Parker & Granville, Ithaca, N. Y.
Stanford-Crowell Co., Ithaca, N. Y.
Sweeney Sign Printing Co., 251 W 19, New York
Tri-Color Sign Co., 4284-6 W Lake, Chicago, Ill.
Up-to-Date Advertising Co., Canisteo, N. Y.

13676— Signs (Post Office)

Eagle Lock Co., Terryville, Conn.

Signs (Raised Letter Metal)

See Signs, Brass & Bronze

13676a—*Signs (Ready Made)

ABBOT ENAMEL SIGN CO., 24 E. 26th, New York

13677— Signs (Rotary Wind)

Warner Co., Muncie, Ind.

13678—*Signs (Safety First)

Abbot Enamel Sign Co., 24 E 26th, New York
Enameled Iron Sign Co., 22 E 27th, New York
INGRAM-RICHARDSON MFG. CO. ("Porcelain Enameled Iron Signs for Factories"), Beaver Falls, Pa.
NELKE, L. D., SIGNS, NEW YORK, INC. 23 E 26th, New York
See adv index at end of book

13679— Signs (Street)

Abbot Enamel Sign Co., 24 E 26th, New York
Baltimore Enamel & Novelty Co. (Enameled Iron Street Names), Woodall, Baltimore, Md.
Behringer Edw. A. Inc., 275 Pearl, New York
Borreson Mfg. Co., St. Paul, Minn.
California Corrugated Culvert Co. ("Calco"), Berkeley, Cal.
Enamel Products Co. (Enameled Iron), Eddy rd & Taft av, Cleveland, Ohio
Enameled Iron Sign Co., 22 E. 27th, New York
INGRAM-RICHARDSON MFG. CO. (Blue & White Porcelain Enameled Iron, Street Names, etc), Beaver Falls, Pa.
Nelke, L. D., Signs, New York, Inc., 23 E 26th, New York
See adv index at end of book
Niagara Falls Metal Stamping Works (Name), Niagara Falls, N. Y.
Roberts D. E., Racine, Wis.
Stonehouse Steel Sign Co., Denver, Colo.

13680— Signs (Talking)

Electric Carriage Call & Specialty Co., 311 W 40th, New York

Signs (Translucent)

See Ornaments, Transfer

13681— Signs (Triple)

Triple Sign Co., Connersville, Ind.

13681a— *Signs (Warning)

Abbot Enamel Sign Co., 24 E 26th, New York
Enameled Iron Sign Co., 22 E 27th, New York
NELKE, L. D., SIGNS, NEW YORK, INC. 23 E 26th, New York
See adv index at end of book

13682— Signs (Wire)

Bigelow Cheney Wire Works, Springfield, Mass.
Bolles J. E. Iron & Wire Works, 4th, Detroit, Mich.
Bryan Co., Cleveland, O.
Buffalo Wire Works Co. (Roof, etc) 453 Terrace, Buffalo, N. Y.
Builders' Iron Works Co., St. Paul, Minn.
Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
Columbia Iron & Wire Works Co., Canton,
Deschauer Wire & Iron Works, 2009 Larrabee, Chicago, Ill.
Inglis Wm. Wire & Iron Works, 61 Woodbridge av, Detroit, Mich.
MEYERS FRED J. MFG. CO., Hamilton, Ohio. *See adv index at end of book*
Novelty Sign Co., 208 W 3d, Cincinnati, O.
Phoenix Wire Works, Detroit, Mich.
Seiferlein & Malleis, Detroit, Mich.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Southwest Wire & Iron Works Co., Kansas City, Mo.
Spanjer Bros., ft Center, Newark, N. J.
TYLER W. S. CO. (Roof, etc), Cleveland, O.
See adv index at end of book
Wisconsin Iron & Wire Works, Milwaukee, Wis.

13683— Signs (Wood)

Buck C. H. & Co., 411 Dorchester av, Boston, Mass.
Cincinnati Advtg. Prod. Co. (Wood Panel), Cincinnati, O.
Natl. Sign Co., Dayton, O.
Nelke L. D. Signs, New York, Inc. (Machine Painted), 23 E 26th, New York
See adv index at end of book
Up-to-Date Advertising Co., Canisteo, N. Y.

13684—Signs (Wood Letter)

Spanjer Bros. Also Figures, Trade-Marks, etc), ft Center, Newark, N. J.

13685—Signs & Letters (Prismatic Metal)

Herrlein & Henrich Co., 97 Hudson, New York
Viking Sign Co., 527 5th av, New York

13685a—Silencers (Auto Craft)

Gordon Propeller & Mfg. Co., 9901 Desmond av, Cleveland, O.

13686— Silencers (Gun)

Maxim Silencer Co., Hartford, Conn.

13687— Silex

Am. Flint Co., Iron City, Tenn.
Chrystal Chas. B. (Jobbers), 13 Cliff, New York. *See adv index at end of book*
Daniels Willard B. (Imp.), 252 Front, New York
Dunkel S. P. & Son, Ostend & Leadenhall, Baltimore, Md.
Eureka Flint & Spar Co. (Floated), Trenton, N. J.
Hammill & Gillespie (Job), 240 Front, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
International Silica Co., Cairo, Ill.
National Silica Works, Berkeley Springs, W. Va.
Nevins Sam'l Co., 109 S 2d, Phila., Pa.
New England Quartz Co. of N. Y., 107 William, New York
Product Sales Co., 32 So Calvert, Baltimore, Md.
Salomon L. A. & Bro., (Imp.), 216 Pearl, New York
Wausau Quartz Co., Wausau, Wis.
Whitestone Marble Co., Atlanta, Ga.
Whittaker, Clark & Daniels, Inc. (Jobbers), 250 Front, New York
Wiarda John C. & Co. (Ground), 273 Greene, Brooklyn, N. Y.

13688— Silica (Fused)

Berge J. & H. (Jobbers), 95 John, New York
Eimer & Amend, 205 3d av, New York
Engelhard Chas. (Agents), 30 Church, New York
Lenz Apparatus Co., 9 E 16th, New York
Sidio Co. of America, 37 Murray, New York
Thermal Syndicate (Ltd.) ("Vitreosil" Imp), 50 E 41st, New York
Thomas Arthur H. Co. (Transparent Vitreous), W Wash sq, Philadelphia, Pa.
Wilson-Maeulen Co. (Imp), 181 E 142d, New York

13689-90-1— Silica Mfrs.

Beach City Silica Sand Co., Beach City, Ohio
Edge Hill Silica Rock Co., New Brunswick, N. J.
Eureka Flint & Spar Co. (Floated), Trenton, N. J.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
International Silica Co., Cairo, Ill.
Hoosac Co., North Adams, Mass.
Illinois Mineral Mining Co., E St. Louis, Ill.
INNIS, SPEIDEN & CO., INC. (Soft), 46 Cliff, New York
See adv index at end of book
International Pulp Co., 41 Park Row, New York
Isco-Bautz Co. (Soft), 46 Cliff, New York
Nevins Samuel Co., 109 S 2d, Phila., Pa.
New England Quartz Co. of N. Y., 107 William, New York
Ohio Marble Co., Piqua, O.
Salomon L. A. & Bro., 216 Pearl, New York
Scheel Wm. H. (Imported), 159 Maiden la, New York
Tamms Silica Co., Stock Exchange bldg, Chicago, Ill.
Thomas Arthur H. Co., W Washington sq, Phila., Pa.
Wausau Quartz Co., Wausau, Wis.
Wedron Silica Co., Ottawa, Ill.

Silicate of Carbon

See Carbon Black Mfrs

Silicate of Soda

See Sodium Silicate

13692— Silico-Manganese

Beekman & Linden, Engng. Corp., Balboa bldg, San Francisco, Cal.
LEAVITT C. W. & CO., 34 Church, New York *See adv index at end of book*

13693— Silico-Spiegel

Dana & Company, Inc. (Imp.), 111 B'way, N. Y. *See adv index at end of book*
LEAVITT C. W. & CO., 34 Church, New York *See adv index at end of book*

13694— Silicon-Calcium-Aluminum

LEAVITT C. W. & CO., 34 Church, New York *See adv index at end of book*

13695— Silicon-Chronium

LEAVITT C. W. & CO., 34 Church, New York *See adv index at end of book*

13696— Silicon-Manganese-Aluminum

LEAVITT C. W. & CO., 34 Church, New York. *See adv index at end of book*

13697— Silk (Artificial)

American Viscose Co., Marcus Hook, Pa.
Cleveland Art Silk Co., Cleveland, O.
H. K. M. Silk Co. (For Embroidery Purposes), Watertown, Conn.

13697a— Silk Floss

Hartman Bros., Inc. (Imp), 641 Atlantic av, Boston, Mass.

13698— Sills (Draft & End)

Chattanooga Roofing & Fdry. Co., Chattanooga, Tenn.
Gould Coupler Co. (Cast Steel), 30 E 42d, New York
Pittsburgh Equipment Co. (Cast Steel), House bldg, Pittsburgh, Pa.
Pressed Steel Car Co. (Car Steel), 307 5th av, Pittsburgh, Pa.
Western Steel Car & Foundry Co. (Car Steel), 37 W Van Buren, Chicago, Ill.

13699— Silos

Adirondack Silo Co., Malone, N. Y.
Baltimore Cooperage Co., The, cor Hanover & Creek, Baltimore, Md.
Beaver Silo & Box Mfg. Co., Beaver Dam, Wis.
Bennett Bros. Co. ("Ideal"), Lowell, Mass.
Boeckler Lumber Co., Hall & Maelinckrodt, St. Louis, Mo.
Bridge's A. D. Sons (Round), Hazardville, Conn.
Butler Mfg. Co. (Steel), Kansas City, Mo.
Canton Culvert & Silo Co. ("Zyro"), Canton, O.

SILOS—continued

Cement Stave Silo Co., Des Moines, Ia.
Central Unadilla Silo Co., Des Moines, Ia.
Challenge Co. ("Challenge"), Batavia, Ill.
Colby Cheese Box & Silo Co., Colby, Wis.
Columbian Steel Tank Co. (Galvanized Steel), New England bldg, Kansas City, Mo.
Creamery Package Mfg. Co. ("Green Mountain"), 61 W Kinzie, Chicago, Ill.
Crown Lumber & Silo Co., Omaha, Neb.
Deere John Plow Co., 130 Hickory, Kansas City, Mo., & Omaha, Neb.
Des Moines Silo & Mfg. Co., Des Moines, Ia.
Duplex Mfg. Co., Superior, Wis.
Economy Silo & Mfg. Co., Frederick, Md.
Fouts C. C. Co. ("Duro"), 650 Woodlawn **av, Middletown, Ohio**
Grey John H. (Cement), West Liberty, Ia.
Harder Mfg. Co., Cobleskill, N. Y.
Harrison W. R. & Co. ("Tornado"), Massillon, O.
Harry Bros. Co. ("Harry's" Knock-Down, Galvanized Iron), Carr & I. C. R. R., New Orleans, La.
Huttig Sash & Door Co., 1200 S Vanderventer, St. Louis, Mo.
Illinois Silo & Tractor Co., Bloomington, Ill.
Indiana Silo Co., Anderson, Ind.
International Silo Co., Linesville, Pa.
Kalamazoo Tank & Side Co. (Wood, Tile Block, etc), Kalamazoo, Mich.
Kretchmer Mfg. Co. (Galvanized, Cypress & Fir), Council Bluffs, Ia.
Loomis J. H. & Sons ("Loomia"), Phoenix, N. Y.
Louisville Silo & Tank Co., Louisville, Ky.
McClure Co. ("Saginaw" All Steel Frame), Saginaw, Mich.
Minneapolis Stone Co., Filmore & 16th av, N E, Minneapolis, Minn.
Monolithic Silo & Const. Co. ("Monsco"), Peoples' Gas bldg, Chicago, Ill.
Nappanee Lumber & Mfg. Co., Nappanee, Ind.
National Fireproofing Co. ("Natco Imperishable," "Natco Everlasting"), Fulton bldg, Pittsburgh, Pa.
Pacific Tank & Silo Co. ("Winner Patent" Wood), Chehalis, Wash.
Perfection Concrete Stove Silo Co., Des Moines, Ia.
Perfection Metal Products Co., Topeka, Kans.
Pittsburgh-Des Moines Steel Co. (Steel), 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Portland Silo Co., Portland, Ind.
Preston J. M. Co. (Vitrified Tile) Lansing, Mich.
Puffer-Hubbard Mfg. Co., 32d av. S & 26th, Minneapolis, Minn.
Ross E. W. Co. (Wood), Springfield, O.
Schlichter E. F. Co. ("Philadelphia"), 10 S 18th, Phila., Pa.
Silo Specialty Mfg. Co., Clinton, Ia.
Southwest Mfg. Co., Oklahoma, Okla.
Stevens Tank & Tower Co. ("Dirigo," Wood), Auburn, Me.
Texas Kalamazoo Silo Co., Fort Worth, Texas
Truscon Steel Co. (Kahn Building Products), Youngstown, O.
Tunglok Silo Co., Interstate bldg, Kansas City, Mo.
Twin City Tank Silo & Specialty Co., 38th **av & N E 5th, Minneapolis, Minn.**
Unadilla Silo Co., Unadilla, N. Y., & Des Moines, Ia.
Vernier Mfg. Co., Cedar Rapids, Ia.
Vesper Wood Mfg. Co. ("Open Door"), Vesper, Wis.
Western Silo Co. (Ltd.), Des Moines, Ia.
Woods Bros. Silo & Mfg. Co., Lincoln, Neb.

13699a— Silver Carbonate

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

13699b— Silver Chloride

Drakenfeld B. F. & Co. (Imp.), 50 Murray, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

13699c— Silver (Granulated)

Handy & Harman, 55 Cedar, New York
Jackson John J. & Co., 158 Astor, Newark, N. J.
Ney J. M. Co., Hartford, Conn.

13700— Silver Leaf

Drakenfeld B. F. & Co. (Imp.), 50 Murray, New York
Rauskolb Fred W. Co., 103 Arch, Boston, Mass.
Swift M. & Sons, Hartford, Conn.

13700a— Silver Nitrate

Drakenfeld B. F. & Co. (Imp.), 50 Murray, New York
Fuller Ralph L. & Co., Inc., 2 Rector, New York. *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Jackson John J. Co., 158 Astor, Newark, N. J.

13700b— Silver Oxide

Drakenfeld B. F. & Co. (Imp), 50 Murray, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

13700c— Silver Sulphurette

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

13701— Silverware (Plated)

International Silver Co. ("Lashar"), Meriden, Conn.
Meyer Louis J., 804 Walnut, Philadelphia, Pa.
Oneida Community (Ltd.) ("Community") Oneida, N. Y.

13702— Silverware (Table)

(*) Indicates Sterling Ware; (†) Indicates Plated Ware

*Alvin Mfg. Co., Sag Harbor, N. Y.
*†American Mfg. Co., Meriden, Conn.
†American Silver Co., Bristol, Conn.
*†Barbour Silver Co. (Br. of International Silver Co.), Meriden, Conn.
†Benedict Mfg. Co., East Syracuse, N. Y.
†Bliss E. A. Co., Meriden, Conn.
†Florence Silver Plate Co., 108 W Lombard, Baltimore, Md.
†Forbes Silver Co. (Br. of International Silver Co.), Meriden, Conn.
†Franklin Silver Plate Co., Greenfield, Mass.
†Goodell Co., Antrim, N. H.
*Gorham Co., (Arch'l Bronze), 5th av & 36th, New York
*Hartford Sterling Co., 46th nr 6th Phila., Pa.
*†Holmes & Edwards Silver Co. (Br. of International Silver Co.), Bridgeport, Conn.
†Homan Mfg. Co., Findlay, Western & Hulbert avs, Cincinnati, O.
*†International Silver Co., Meriden, Conn.
†Jennings Bros. Mfg. Co., Bridgeport, Conn.
†Knickerbocker Silver Co., Port Jervis, N. Y.
†Manning, Bowman & Co., Meriden, Conn.
*†Meriden Britannia Co. (Br. of International Silver Co.), Meriden, Conn.
†Meriden Silver Plate Co. (Br. of International Silver Co.), Meriden, Conn.
Oneida Community (Ltd.), ("Community"), Oneida, N. Y.
Oneida Community (Ltd), Kenwood, N. Y.
†Pairpoint Corp., New Bedford, Mass.
†Paye & Baker Mfg. Co., N Attleboro, Mass.
Pick Albert & Co., 212 W Randolph, Chicago, Ill.
†Queen City Silver Co., Fillmore & Richmond, Cincinnati, O.
*†Reed & Barton Corp., Taunton, Mass.
Regal Silver Mfg. Co., New Haven, Conn.
†Rice's Bernard Sons, 325 5th, New York
†Robeson Cutlery Co., Rochester, N. Y.
†Rogers Simmon L. & Geo. H. Co., Hartford, Conn.
†Rogers, Smith & Co. (Br. of International Silver Co.), Meriden, Conn.
*†Rogers Wm. A. (Ltd.), Niagara Falls, N. Y.
†Rogers Wm. Mfg. Co. (Br. of International Silver Co.), Meriden, Conn.
†Rogers & Bro. (Br. of International Silver Co.), Waterbury, Conn.
†Rogers & Hamilton Co. (Br. of International Silver Co.), Waterbury, Conn.
*†Simpson, Hall, Miller & Co. (Br. of International Silver Co.), Wallingford, Conn.
†Smith E. H. H. Silver Co., Bridgeport, Conn.
*Tiffany & Co., 5th av & 37th, New York, N. Y.
*Towle Mfg. Co., Newburyport, Mass.
*†Wallace R. & Sons Mfg. Co., Wallingford, Conn.
*†Watrous Mfg. Co. (Br. of International Silver Co.), Wallingford, Conn.
*Weidlich Sterling Spoon Co., Bridgeport, Conn.
*Whiting F. M. & Co., No. Attleboro, Mass.
*Whiting Mfg. Co., Bridgeport, Conn.
*†Wilcox Silver Plate Co., (Br. of International Silver Co.), Meriden, Conn.
†Williams Bros. Mfg. Co., Glastonbury, Conn.

13702a—*Single Phase Railway System

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

13703—Singletrees, Doubletrees & Whiffletrees (Wood)

Acme Wagon Co., Emigsville, Pa.
Adams E. B. & Son, Racine, Wis.
Ashboro Wheelbarrow Co., (Singletrees Only), Ashboro, N. C.
Atkins Bros., Attoway, Va.
Baltimore Hub-Wheel & Mfg. Co., Fallsway & Gy, Baltimore, Md.
Buckeye Handle, Gear & Bending Co., Alliance, O.
Buckley John Hub, Spoke & Wheel Co., 969 N 2d, Phila, Pa.
Burrough-Ross-Colville Co., McMinnville, Tenn.
Campbell & Dann Mfg. Co., Tullahoma, Tenn.
Canfield Mfg. & Novelty Co., Canfield, O.
Carriage Woodstock Co., Owensboro, Ky.
Collins Hilton Co. (Plow & Wagon Singletrees & Doubletrees), Louisville, Ky.
Columbiana Mfg. Co., Columbiana, O.
Crane & MacMahon ("Star," "Hickory"), 10 Bridge, New York
Crook Son & Co., Hicksville, O.
Dugger & Goshorn, Memphis, Tenn.
Faeth Iron Co. (Iron), 1125 N 8th, Kansas City, Mo.
Fort Smith Rim & Bow Co., Fort Smith, Ark.
Gillette W. H. Mfg. Co., Louisville, Ky.
Graham Thos. & Co., Madison, Ind.
Hartwell Bros. (Singletrees), Chicago Heights, Ill.
Hartwell C. L. & Co. (Single & Doubletrees Only), Chicago Heights, Ill.
Harvey Spring & Forging Co., Racine, Wis.
Heider Mfg. Co. (Wagon, Plow, etc), Carroll, Ia.
Heiser J. B., Atwater, O.
Hershel R. Mfg. Co., Single & Doubletrees, Peoria, Ill.
Holt Bros. Mfg. Co., Concord, N. H.
Hoyt John Co., Delaware, N. J.
Keller & Tamm Mfg. Co., Victor & Levee, St. Louis, Mo.
Kentucky Rim & Shaft Co., Louisville, Ky.
Lack Singletree Co. ("Noxall," "National"), Paducah, Ky.
Lamb-Fish Lumber Co., Charleston, Miss.
Lebzelter Phillip & Son Co., Lancaster, Pa.
Leonard F. B. & Co., Metropolis, Ill.
Lindsay Mfg. Co., Ottumwa, Ia.
Look & Lincoln, Marion, Va.
Manchester Mfg. Co., Manchester, Tenn.
Mason F. C. & Co., St. Johns, Mich.
Medina Bending Works, Medina, O.
Metropolis Bending Co., Metropolis, Ill.
Mills Ellsworth Co., Keokuk, Ia.
Nixdorf-Krein Mfg. Co., 900 Howard, St. Louis, Mo.
North Indianapolis Cradle Works, Indianapolis, Ind.
Parry Mfg. Co., Indianapolis, Ind.
Peterson Samuel, Warren, Pa.
Phipps J. H. Lumber Co., Fayetteville, Ark.
Pioneer Pole & Shaft Co., Piqua, O.
Prouty C. & Co., Eldred, Pa.
Racine General Mfg. Co., Racine, Wis.
Ransome-Leach Co., 115 B'way, New York
Sanitary Cement Co., Everett, Mass.
Reno Mfg. Co., Erie, Pa.
Sequatchie Handle Works, ,Sequatchie, Tenn.
Shupp Simon, Effort, Pa.
Southern Plow Co., Columbus, Ga.

Stevens A. E. & Co., Portland, Me.
Tanner D. F., Holland, N. Y.
Thornburgh Mfg. Co., Bowling Green, O.
Titusville Handle Co., Titusville, Pa.
Towers & Sullivan Mfg. Co., Rome, Ga.
Turnbull Wagon Co. (Hickory Wagon Sets), Defiance, O.
Turner, Day & Woodworth Handle Co., Louisville, Ky.
Vehicle Supply Co., Cairo, Ill.
Von Behren Mfg. Co., Evansville, Ind.
Westwood Turning Co., Fremont, O.
Wildermuth Bending Co., Columbus, O.

13704—Singletrees (Hay Hoisting)

Louden Machinery Co., Fairfield, Ia.
Myers F. E. & Bro., 800 Orange, Ashland, O. *See adv index at end of book*

13705—Singletrees & Doubletrees (Steel)

Avery B. F. & Sons, Louisville, Ky.
Diamond Forging & Mfg. Co., Chartiers & Ridge av, Pittsburgh, Pa.
Empire Plow Co., Cleveland, O.
Sharon Steel Hoop Co., Sharon, Pa.
Southern Plow Co., Columbus, Ga.
Towers & Sullivan Mfg. Co., Rome, Ga.
U. S. Pressed Steel Co., Ypsilanti, Mich.
Youngstown Pressed Steel Co., Youngstown, O.

13706— Sink Backs

Alberene Stone Co. (Soapstone), 223 E 23d, New York
Lalance & Grosjean Mfg. Co. (Seamless Wrought Steel), 299 B'way, New York

13707— Sinkers (Fish Line)

Meisselbach A. F. & Bros ("Bell-Fast"), 29 Congress, Newark, N. J.

13708— *Sinks (Kitchen)

Alberene Stone Co. (Soapstone), 223 E 23d, New York
ALBERT G. G. & CO. (Slate), Bangor, Pa.
DONLEY BROTHERS CO. THE ("D. B." Stop Sinks), 3625 E 74th, Cleveland, O. *See adv index at end of book*
Fords Porcelain Works, Perth Amboy, N. J.
General Ceramics Co. ("Phoenix" Porcelain), 50 Church, New York

Sinks (Porcelain)

See Bath Tubs, Porcelain

13709—Sinks (Pot & Vegetable)

Sexton S. B. Stove & Mfg. Co. (Hotel, etc), 500 Block W, Conway, Baltimore, Md.

13710— Sinks & Trays

See also Bath Tubs, Various Kinds; also Laundry Tubs, Various Kinds
Alberene Stone Co. (Soapstone), 223 E 23d, New York
ALBERT G. G. & CO. (Slate), Bangor, Pa.
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Auld & Conger Co. (Soapstone), 942 Prospect, Cleveland, O.
Barnes Mfg. Co. (Enameled Kitchen Rolled & Flat Rim Sinks), Mansfield, O.
Bieg Henry (White Porcelain), 56 Wallabout, Brooklyn, N. Y.
Blairsville Sanitary Co. (Enameled Iron), Blairsville, Pa.
Cahill Iron Works ("Southern Beauty" Enameled Iron), Chattanooga, Tenn.
Central Foundry Co. (Cast Iron), 90 West, New York
Columbia Sanitary Mfg. Co. (Enameled Ware), Louisville, Ky.
Crestline Mfg. Co. (Cast Iron), Crestline, Ohio
Douglas Jno. Co., Carthage, Cincinnati, O.
Ebinger D. A. Sanitary Mfg. Co. (Enameled Iron) 181 Lucas, Columbus, O.
Euclid Stone & Brick Co. ("Euclid" Stone), Cleveland, O.
Glenn Fred E. (Kitchen & Slop Sinks), St. Charles, Ill.
Graham Charles Chemical Pottery Works (White Porcelain & Brown Vitrified), 986 Metropolitan av, Broklyn, N. Y.
Hains Jones & Cadbury Co. ("Hajoca" Cast Iron), 1136 Ridge av, Philadelphia, Pa.
Humphryes Mfg. Co. (Cast Iron Porcelain Enameled, for Factories), Mansfield, O.
Indiana Hollow Ware Co., Jeffersonville, Ind.
Iron City Sanitary Mfg. Co. (Enameled Iron), Oliver bldg, Pittsburgh, Pa.
Johnson J. D. Co. (Copper), 54 Cliff, New York
Keenan Struct. Slate Co. (Slate), Easton, Pa.
Kilbourne & Jacobs Mfg. Co. (Wrought Steel), Columbus, O.
Kohler Co. (Enameled Iron), Sheboygan, Wis.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Lalance & Grosjean Mfg. Co. (Seamless Wrought Steel. "L. & G."), 299 B'way, New York
Limberg Foundry Enameling Works (Enameled Iron), Florence av, Cincinnati, O.
Litterer Bros. Mfg. Co. (Pantry), 154 Whiting, Chicago, Ill.
Lodge Mfg. Co. (Cast Iron Stamped), South Pittsburgh, Tenn.
McDonald A. Y. Mfg. Co. (Slop), **Dubuque, Ia.**
McVay-Walker Co. (Enameled), Braddock, Pa.
Maddock's Thomas Sons Co. (Earthenware), Trenton, N. J.
Monson Maine Slate Co. (Slate), 112 Water, Boston, Mass.
Mott J. L. Iron Works (Porcelain & Iron Enameled), Trenton, N. J.
NASON MFG. CO., 71 Fulton, New York *See adv index at end of book*
National Enameling & Stamping Co. (Kitchen Sinks, Wrought Steel), 411 5th av, New York
Nelson N. O. Marble Co. (Slate), Edwardsville, Ill.
New York Slate Works (Slate), 255 E 138th, New York
Noyes & Nutter Mfg. Co. (Cast Iron), Bangor, Me.
Penn Enameled Sink Co., Indiana, Pa.
Phoenix Srate Co. (Slate), Windgap, Pa.
Phoenix Soapstone Co. (Soapstone), 71 Murray, New York
Richmond Radiator Co. (Enameled Iron), 1480 B'way, New York
Scotch Hill Slate Co. (Slate), Fair Haven, Vt.
Shimer Slate Co. (Slate) Bangor, Pa.
Slatington Slate Co. (Slate), Slatington, Pa
Standard Sanitary Mfg. Co. (Enameled Iron), Bessemer bldg. Pittsburgh, Pa.
Swett A. L. Iron Wks. (Cast Iron), Medina, N. Y.
Trageser Jno. Steam Copper Works (Copper), 447 W 26th, New York
Trenton Potteries Co. (Earthenware), Trenton, N. J.
Unger John F. Co., (Slate) Slatington, Pa.
Union Sanitary Mfg. Co. (Cast Iron Enameled), Noblesville, Ind.
United States Sanitary Mfg. Co. (Enameled Iron), Arrott bldg, Pittsburgh, Pa.
Vollrath Co. ("Vollrath" Enameled Sinks), Sheboygan, Wis.
Vermont Unfading Green Slate Co. (Slate), Fair Haven, Vt.
Walls, Owen & Stambach Co. (Soapstone), 11th & Hamilton, Philadelphia, Pa.
Weiskittel A. & Son Co. (Enameled Iron), 12th & E Lombard, Baltimore, Md.
Wheeling Sanitary Mfg. Co. (Enameled Iron), Wheeling, W. Va.
Wolff L. Mfg. Co. (Cast Iron, Steel, Porcelain Lined, Grey, Enameled Slate & Soapstone), 111 N Dearborn, Chicago, Ill.

13710a—*Sintering Plant Equipment

American Ore Reclamation Co., 71 B'way, New York
Bartlett C. O. & Snow Co., French st, Cleveland, O. *See adv index at end of book*

13711— Siphons (Sewage)

Merritt Hydraulics Co. ("Moise," "Merritt," Automatic Flushing Aerlock for Control of Sewage & Other Liquids), 110 N Broad, Phila., Pa.
Modern Iron Works ("Rhoads-Williams" Raw Sewage), Quincy, Ill.
Priestman Albert ("Merritt" Automatic Flushing Airlock for Control of Sewage and Other Liquids), 328 Chestnut, Philadelphia, Pa.

13712—Siphons (Water, for Flushing Sewers)

Merritt Hydraulics Co., 110 N Broad, Phila. Pa.

13713— Size

See also Paste
American Type Founders Co. (Gold), 200 William, New York
Arabol Mfg. Co. (Dry Rosin; also Hot & Cold Water, etc), 100 William, New York
Ault & Wiborg Co. (Gold), Cincinnati, O.
Babcock Jno. & Co. (Gold), Allston, Boston, Mass.
Boley C. H. Co. ("Aamcolose" Textile), **3722 N Randolph, Philadelphia, Pa.**
Bosson & Lane, Atlantic, Mass.
Chemical Products Co. (Hat Size), 98 Broad, Boston, Mass.
Clark Paper & Mfg. Co. ("Clarksize," "Spon-Tem," "Stek-O" Powder), Rochester, N. Y.
Cleveland Varnish Co. (Gold), 3111 E 87th, Cleveland, O.
Cott-a-Lap Co. ("Bull Dog" & "Magic" Wall Paper), Somerville, N. J.
Devoe & Raynolds Co., Inc. (Gold), 101 Fulton, N. Y.
Diamond Paste Co. (Vegetable), Albany, N. Y.
FOX M. EWING CO. (Painters' & Paperhangers'), 241 E 136th, New York *See adv index at end of book*
Fuller H. B. Co. ("Fullers Barnacle" Paperhangers & Painters), St. Paul, Minn.
McMeekan D. Mfg. Co. (Paper & Textile), 1070 Pacific, Brooklyn, N. Y.
Manhattan Color Works ("Manhattan" Alum Size), 1035 Kelly, New York
Mayer & Loewenstein (Gold), 164 Water, New York
Morrill Geo. H. Co. (Gold), Norwood, Mass.
Munro Robt. A. & Co., 25 Pine, New York
National Gum & Mica Co., 59th & 11th av, New York
Nat'l Rosin Oil & Size Co. (Rosin, Dry & Liquid), 90 West, New York
PAPER MAKERS CHEMICAL CO. (Rosin), Easton, Pa.
Pawtucket Mordant Co., Pawtucket, R. I.
Pierce F. O. Co. (Gold), 10 E 43d, New York
Providence Drysalters Co. (Textile), 86 East Greenwich, R. I.
Providence Sizing Co., Cranston, R. I.
Rauskolb Fred W. Co. (Gold), 103 Arch, Boston, Mass.
Royal Chemical Co. (Textile), Phenix, R. I.
Schweitzer Samuel, 660 W Lake, Chicago, Ill.
Seydell Mfg. Co. ("Sizol"), 88 Forrest, Jersey City, N. J.
Sisk R. J. Mfg. Co. (Paperhangers & Painters), New London, Conn.
Tanner Chas. S. Co. (Textile), 250 So Water, Providence, R. I.
Waxene Size Co., Fall River, Mass.
Wiggins H. B. Sons Co., Bloomfield, N. J.
Wolf Jacques & Co., Passaic, N. J.
Zobel Ernst Co., 112 2d av, Bklyn, N. Y.

13714— Sizers (Broom)

Walrath Alphonso Co. ("Hurt"), Fort Plain, N. Y.

13715— Sizers (Screenless)

Stearns-Roger Mfg. Co. ("McKesson-Rice"), Denver, Colo.

13716—Sizers (Wood Turners')

Kraeuter & Co., 583 18th av, Newark, N. J.

13716a— Sizings (Rosin)

VERA CHEMICAL CO. (for Paper Mfrs.) No. Milwaukee, Wis., Stoneham, Mass. Burlington, Ont., Canada

13717— Skates (Ice)

Barney & Berry, Springfield, Mass.
Brown Spring Ice Skate Co., Webster City, Iowa
Conron-McNeal Co (Extension), Kokomo, Ind.
Johnson Nestor Mfg. Co. ("Hockey"), 1237 N California av, Chicago, Ill.
King Joseph Mfg. Co., Troy, N. Y.
Kohler Die & Specialty Co. ("20th Century"), De Kalb, Ill.
Lowentraut P. Mfg. Co. ("U. S."), 36 Brenner, Newark, N. J.
Planert F. W. & Son, 941 N Robey, Chicago, Ill.
Strauss J. E. ("Strauss Diamond Edge" Racing), St. Paul, Minn.
Union Furnace Mfg. Co., Union Furnace, Pa.
Union Hardware Co., Torrington, Conn.
Winslow Samuel Skate Mfg. Co., Worcester, Mass.

13718— Skates (Roller)

American Skate & Mfg. Co. ("Rollfast" Ball Bearing), Reading, Pa.
Barney & Berry, Springfield, Mass.
Brown Spring Ice Skate Co., Webster City, Ia.
Chicago Roller Skate Co. ("Velvet Thread" Ball Bearing), 224 N Ada, Chicago, Ill.
Gropper M. & Sons ("Crown Roller"), 36 Union sq, New York
Kohler Die & Specialty Co. ("20th Century"), De Kalb, Ill.
Richardson Ball Bearing Skate Co. (Pneumatic), 154 E Erie, Chicago, Ill.
Union Hardware Co., Torrington, Conn.
Winslow Samuel Skate Mfg. Co., Worcester, Mass.

13719— Skeins (Wagon)

American Skein & Foundry Co. ("Rocky Mountain" Steel, "Sandage," "Columbus," "Red Label," "Anderson Leader" Wrought Steel, "D. V." "Indiana" Cast, "Brown's," "Hoosier"), Racine, Wis.
Illinois Iron & Bolt Co. ("D. V. & Co." "I. I. & B. Co.," "Dundee" Cast Iron, "Columbus," "Sandage," "Western," "Standard" Steel), Carpentersville, Ill.
St. Louis Malleable Casting Co. (Mall. Iron), 7701 N Conduit av, St. Louis, Mo.
Schreyer G. Co. (Steel), Columbus, O.
Southern Skein & Foundry Co. (Steel & Cast), Chattanooga, Tenn.
Studebaker Corp., South Bend, Ind.

13720—Skeins & Boxes (Thimble)

Colebrookdale Iron Co., Pottstown, Pa.

13721— Skewers (Steel, Meat)

Auer John, Jr., 197 Middleton, Brooklyn, New York
Brecht Co., 1201 Cass av, St. Louis, Mo.
Central Stamping Co. ("Puritan"), 174 Fulton, New York
Hamblin & Russell Mfg. Co., Worcester, Mass.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Landers, Frary & Clark, New Britain, Conn.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
National Mfg. Co., ("Natwire"), Worcester, Mass.
Parker Wire Goods Co., Worcester, Mass.

13722— Skewers (Wood)

Atwood, Crawford Co., Pawtucket, R. I.
Berst Mfg. Co., Saginaw, Mich.
Bogert & Hopper (Meat & Burlap), 67 Barclay, New York
ESTES E. B. & SONS (Burlap, Candy & Meat), 364 5th av, New York
See adv index at end of book

Grover R. A., Andover, Me.
National Supply & Mfg. Co., 2362 Palm, St. Louis, Mo.
Peirce W. E. & Co., Milford, N. H.
Setter Bros. Co., Cattaraugus, N. Y.
STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Weis & Lesh Mfg. Co., Muncie, Ind.

13723— Ski Mfrs.

Northland Ski Mfg. Co., St. Paul, Minn.
Paris Mfg. Co., South Paris, Maine
Penobscot Snow Shoe Co., Olamon, Me.
Strand Martin A., New Richmond, Wis.
Tubbs W. F., Norway, Me.

Skidders (Log)

See Log Skidding & Loading Machines

13724-5— Skids

Diamond Iron Works, 2nd & 18th av N, Minneapolis, Minn.
Fairbanks Co. (Barrel), 416 Broome, New York
For branch houses see Alphabetical Section
Gruman Ice Tool Works, Branchville, Conn.
Howe Scale Co. of Ill., 1315 S Wabash av, Chicago, Ill.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lansing Co., Lansing, Mich.
Michigan Truck & Lumber Co., Holly, Mich.
National Iron Co. (Mining & Derrick), Duluth, Minn.
Never-Skid Mfg. Co. ("Never-Skids" for Motor Trucks), 110 W 34th, New York
N. Y. Wheelbarrow Works, 180 West, New York
Rome Scale & Mfg. Co (Barrel), Rome, Ga.
Western Wheelbarrow Mfg. Co., South Ft. Smith, Ark.
Zering M. Mfg. Co., Cincinnati, O.

Skimmers (Boiler)

See Cleaners, Skimmers, Boiler

13726— Skimmers (Tanners')

Emrich Phil., 824 Main, Cincinnati, O.

13727— *Skips (Cableway)

CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book

13728— Skips (Mining)

See also Cages, Mining

ALLIS-CHALMERS MFG. CO. (Dumping & Hoisting), Milwaukee, Wis.
See adv index at end of book
Atlas Car & Mfg. Co., Cleveland, O.
Easton Car & Construction Co., 15 Center sq, Easton, Pa.
See adv index at end of book
HUNT C. W. CO., West New Brighton, N. Y. *See adv index at end of book*
Imperial Iron Works, Duluth, Minn.
Kilbourne & Jacobs Mfg. Co. (Steel), Columbus, O.
Lake Shore Engine Works ("De Beer's" Self-Dumping, etc), Marquette, Mich.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Sanford-Day Iron Works, Knoxville, Tenn.
Stephens-Adamson Mfg. Co. ("S.-A." Steel), Aurora, Ill.
Stuebner G. L. Iron Works (Hoisting & Dumping), Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Traylor Engng. & Mfg. Co., Allentown, Pa.
Truax Mfg. Co., Denver, Colo.

ESTABLISHED 1847 **E. B. ESTES & SONS** Manufacturers of
BEEF SKEWERS LAMB SKEWERS BURLAP SKEWERS
Blunt and Pointed Confectioners' Taffy Sticks, Floral Sticks, Hardwood and Softwood Polished Maple Meat Skewers a Specialty
364 5th Avenue New York City

Wellman-Seaver-Morgan Co., Cleveland, O.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

13728a—*Skips (Stone & Cement)

See also Boxes, Scale

Easton Car & Construction Co., 15 Center sq, Easton, Pa.
See adv index at end of book
Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

Skips (Stone or Concrete)

(See Boxes, Scale

13729-30—Skylight Ventilating Apparatus

See also Ventilating Apparatus for Greenhouses & Buildings

Drouve G. Co. ("Lovell" & "Straight Push"), 40 Tulip, Bridgeport, Conn.,
Evans John A. Co. ("The Evans"), Richmond, Ind.
Kirk Habicht Co. (Lifts), 108 S Calvert, Baltimore, Md.
Lyster Sheet Metal Co. ("Lyster"), 1220 Filbert, Phila., Pa.
Mertz John Mfg. Co., Sandusky, O.
See adv index at end of book
Milwaukee Corrugating Co., Milwaukee, Wis.
Payson Mfg. Co. ("Harris"), 2918 W Jackson blvd, Chicago, Ill.

Skylights

See Cornices & Skylights; also Sub-Classifications following

13731— *Skylights (Ornamental Iron)

Consolidated Sheet Metal Wks., 661 Hubbard, Milwaukee, Wis.
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book

Skylights (Prism System)

(See Glass, Prismatic)

13732—Skylights (Puttyless)

Basman A. M. & Co., 468 Fort W., Detroit, Mich.
Drouve G. Co., 40 Tulip, Bridgeport, Conn.
Lupton's, David Sons Co. ("Lupton" Rolled Steel), Allegheny av & Tulip, Phila., Pa.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
National Skylight & Vent Co., Rochester, N. Y.
National Ventilating Co., 337 E 26th, New York
Nonpareil Skylight Co., 2611 Penna. av, N W, Washington, D. C.
Schoedinger F. O. ("Fosco"), 142 N 3d, Columbus, O.
Van Noorden E. & Co. ("Anchor Bar"), 100 Magazine, Boston, Mass.

13733— Slabs (Marble)

Nelson N. O. Marble Co., Edwardsville, Ill.

13734— Slabs (Oil Stone)

McDermott Stone Co., McDermott, O.

13735—Slag (Concrete & Roofing, Etc.)

American Slag Co. Land Title bldg., Phila., Pa.
Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.
Birmingham Slag Co., Jeff. Co. Bk. bldg, Birmingham, Ala.
Cambria Steel Co., Widener bldg, Phila., Pa.
Duquesne Slag Products Co. (For Concrete R. R. Ballast, Roofing, Roads, etc), Diamond Bank bldg, Pittsburgh, Pa.
Emanuel & Co., Catasaqua, Pa.
Empire Slag Co., Watervliet, N. Y.
France Slag Co., 2nd Nat'l Bank bldg, Toledo, Ohio
Illinois Improvement & Ballast Co., 208 S La Salle, Chicago, Ill.

Little Wm., Conshohocken, Pa.
Perry Iron Co. (Granulated), Erie, Pa.
Robinson Thos. & Co., Real Estate Trust bldg, Phila., Pa.
Standard Slag Co., Youngstown, O.
Temple Slag Co., Land Title bldg, Philadelphia, Pa.
Thomas Furnace Co. (Crushed), 740 Kinnickinnic, Milwaukee, Wis.

13736— Slate Columns

American Slate Co., Easton, Pa.
Criterion Slate Co., Hydeville, Vt.
Keenan Structural Slate Co., Bangor, Pa.
Vermont Unfading Green Slate Co., Fair Haven, Vt.

13737— Slate (Crushed)

Central Commercial Co., 111 N Market, Chicago, Ill.
Keenan Structural Slate Co., Bangor, Pa.

13738— Slate Dust

Slatington Slate Co., Slatington, Pa.

13739— Slate Floor Tile

Algonquin Slate Products Co., Worcester, Mass.
American Slate Co., Easton, Pa.
Bangor Slate Co., Bangor, Pa.
Blue Mountain Slate Co., Slatington, Pa.
Coulman & Westcott, Fair Haven, Vt.
Durick, Keenan & Co., Fair Haven, Vt.
East Bangor Consolidated Slate Co., East Bangor, Pa.
Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.
General Slate Co., 200 Devonshire, Boston, Mass.
Hammann Slate Co., Bangor, Pa.
Hinchey Patrick F. & Co., Hydeville, Vt.
Hower J. K., Danielsville, Pa.
Keenan Structural Slate Co., Bangor, Pa.
Lehigh Structural Slate Mfg. Co., Bangor, Pa.
Minogue Bros. & Quinn, Hydeville, Vt.
North Bangor Slate Co., Bangor, Pa.
Old English Slate Quarries, 200 Devonshire, Boston, Mass.
Penrhyn Slate Co., Hydeville, Vt.
Slatington Slate Co., Slatington, Pa.
Vermont Unfading Green Slate Co., Fair Haven, Vt.
Williams Slate Co., Mutual bldg, Richmond, Va.

13740— Slate Flour

Algonquin Slate Products Co. (Red & Olive), Worcester, Mass.
Atlas Mineral Products Co., Lincoln, N. J
Chrystal Chas. B., 13 Cliff, New York
See adv index at end of book
Doggett Stanley, 11 Cliff, New York
Hower J. K., Danielsville, Pa.
Williams C. K. & Co. (Mfrs.), Easton, Pa.

13741—Slate for Electrical Purposes

American Slate Co., Easton, Pa.
Bangor Slate Co., Bangor, Pa.
BANGOR SLATE MINING CO., Bangor, Pa.
Bangor Structural Slate Co., Bangor, Pa.
Blue Mountain Slate Co., Slatington, Pa.
Blue Valley Slate Mfg. Co. (Ltd.), Slatington, Pa.
Bonville Bros., Fair Haven, Vt.
Bonville Edw., Fair Haven, Vt.
Clark & Flanagan, Fair Haven, Vt.
Columbus Slate Co. (Jobbers), New Hayden bldg, Columbus, O.
Coulman & Westcott, Fair Haven, Vt.
Crown Slate Co., Pen Argyl, Pa.
Davis Slate & Mfg. Co., 618 E 40th, Chicago, Ill.
Doggett, Stanley (Soapstone), 11 Cliff, New York
Durick & Flanagan Co., Fair Haven, Vt.
East Bangor Consolidated Slate Co., East Bangor, Pa.
Fair Haven Marble & Marbelized Slate Co., Fair Haven, Vt.
Genuine Washington Slate Co., Slatington, Pa.
Hammann Slate Co., Bangor, Pa.
Hower J. K., Danielsville, Pa.
Hydeville Slate Works, Hydeville, Vt.
Jones & Francis, Fair Haven, Vt.
Johns-Manville Co., H. W. (Composition), Madison av & 41st, New York
Keenan Structural Slate Co., Easton, Pa.
Lehigh Structural Slate Mfg. Co., Bangor, Pa.
Lin-Stun Co. (Sandstone), 5010 Gloster, Pittsburgh, Pa.
McGratty & Sons, 313 Butler, Brooklyn, N. Y.
M'Namara Bros., Fair Haven, Vt.
Monarch Black Board & Structural Slate Co., Slatington, Pa.
New York Slate Works, 255 E 138th, New York
North Bangor Slate Co., Bangor, Pa.
O'Day Bros. (Plain & Marbelized), Hydeville, Vt.
Old Dominion Soapstone Co., Esmont, Va.
OLD ENGLISH SLATE QUARRIES, 200 Devonshire, Boston, Mass.
Ontalaunee Slate Mfg. Co., Lynnport, Pa.
PENN SUPPLY & EQUIPMENT CO., 421 Widener bldg, Phila., Pa.
Penna. Blackboard Co., Slatington, Pa.
Penrhyn Slate Co., Hydeville, Vt.
Phoenix Soapstone Co., 71 Murray, New York
Portland-Monson Slate Co. ("Monson"), Portland, Me.
See adv index at end of book

Portland-Monson Slate Co.
Quarriers of
MONSON SLATE
for Electrical Purposes
Natural Black, Oil Finish
Quarries, Monson, Maine
Office
Portland, Maine

Shenton Thos. H., Slatedale, Pa.
Shimer Slate Co. (Jobbers), Bangor, Pa.
Slatington Slate Co., Slatington, Pa.
Stone Base & Panel Co. (Treated Sand Stone), Columbus, O.
Vermont Unfading Green Slate Co., Fair Haven, Vt.
Woodley Slate Co., Bangor, Pa.
Young A. B. Co., Fair Haven, Vt.

Slate Grave Covers

See Burial Cases & Vaults, Slate

13742— Slate (Laminated)

Central Commercial Co. (Miners'), 111 N Market, Chicago, Ill.

13742a—*Slate (Landscape Garden Work & Terrace)

Keenan Structural Slate Co., Bangor, Pa.
OLD ENGLISH SLATE QUARRIES, 200 Devonshire, Boston, Mass.

13743—Slate (Mausoleum or Catacomb)

Bangor Slate Co., Bangor, Pa.
Bangor Slate Mining Co., Bangor, Pa.
East Bangor Consolidated Slate Co., East Bangor, Pa.
Hammann Slate Co., Bangor, Pa.
Keenan Structural Slate Co., Bangor, Pa.
Lehigh Structural Slate Mfg. Co., Bangor, Pa.
North Bangor Slate Co., Bangor, Pa.
Shimer Slate Co. (Jobbers), Bangor, Pa.
Vermont Unfading Green Slate Co., Fair Haven, Vt.

13744— Slate Mill Stock

Algonquin Slate Products Co., Worcester, Mass.
American Slate Co., Easton, Pa.
Bangor Slate Co., Bangor, Pa.
Bangor Structural Slate Co. (Jobbers), Bangor, Pa.
Blue Mountain Slate Co., Slatington, Pa.
Bonville Bros., Fair Haven, Vt.
Columbus Slate Co. (Jobbers), New Hayden bldg, Columbus, O.
East Bangor Consolidated Slate Co., East Bangor, Pa.
Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.
Genuine Bangor Slate Co., Easton & Bangr, Pa.
Hahn Granville (Mantel Stock), Walnut Port, Pa.
Hammann Slate Co., Bangor, Pa.
Hinchey Patrick F. & Co., Hydeville, Vt.
Hower J K, Danielsville, Pa.
International Slate Co., Slatington, Pa.
KEENAN STRUCTURAL SLATE CO., Bangor, Pa.
Lehigh Structural Slate Mfg. Co., Bangor, Pa.
North Bangor Slate Co., Bangor, Pa.
Old English Slate Quarries, 200 Devonshire, Boston, Mass.
Ontalaunee Slate Mfg. Co., Lynnport, Pa.
Peerless Slate Co., Delta, Pa.
Shimer Slate Co. (Jobbers), Bangor, Pa.
Slatington Slate Co., Slatington, Pa.
Stoddard D. & Sons, Bangor, Pa.
Vermont Unfading Green Slate Co., Fair Haven, Vt.
Williams Slate Co., Mutual bldg, Richmond, Va.
Woodley Slate Co., Bangor, Pa.

13745—Slate Morgue & Dissecting Slabs

Bangor Slate Co., Bangor, Pa.
Bangor Structural Slate Co., Bangor, Pa.
East Bangor Consolidated Slate Co., East Bangor, Pa.
Hammann Slate Co., Bangor, Pa.
Keenan Structural Slate Co., Bangor, Pa.
Lehigh Structural Slate Mfg. Co., Bangor, Pa.

Slate (Plumbers')

See Slate Urinal Slabs, etc.

13745a— Slate (Powdered)

Chrystal Chas. B., 13 Cliff, New York
See adv index at end of book

Slate Radiator Tops

See Slate Stairs, Treads & Risers

Slate Refrigerator Linings

See Slate Stair Treads & Risers

13746— Slate Register Frames or Borders

American Slate Co., Easton, Pa.
Coulman & Westcott, Fair Haven, Vt.
Durick Keenan & Co., Fair Haven, Vt.
Hinchey Patrick F. & Co., Hydeville, Vt.
Keenan Structural Slate Co., Bangor, Pa.
Monson Maine Slate Co., 112 Water, Boston, Mass.
Nelson N. O. Marble Co., Edwardsville, Ill.
North Bangor Slate Co., Bangor, Pa.
Ontalaunee Slate Mfg. Co., Lynnport, Pa.
Peerless Slate Co,. Delta, Pa.
Williams Slate Co., Mutual bldg, Richmond, Va.

Slate (School)

See Slates, School; also Black Boards, Slate

Slate Sinks

See Laundry Tubs, Slate; also Slate Urinal Slabs, Etc.

13747—Slate Stair Treads & Risers

Albion Bangor Slate Co., Wind Gap, Pa.
Algonquin Slate Products Co., Worcester, Mass.
American Slate Co., Easton, Pa.
BANGOR SLATE MINING CO., Bangor, Pa.
Bangor Structural Slate Co., Bangor, Pa.
Blue Mountain Slate Co., Slatington, Pa.
Columbus Slate Co. (Jobbers), New Hayden bldg, Columbus, O.
Coulman & Westcott, Fair Haven, Vt.
Crown Slate Co., Pen Argyl, Pa.
Durick Keenan & Co., Fair Haven, Vt.
East Bangor Consolidated Slate Co., East Bangor, Pa.
Excelsior Slate Co., Pen Argyl, Pa.

SLATE STAIR TREADS & RISERS—continued

Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.
General Slate Co., 200 Devonshire, Boston, Mass.
Hahn Granville, Walnut Port, Pa.
Hammann Slate C., Bangor, Pa.
Hower J. K., Danielsville, Pa.
International Slate Co., Slatington, Pa.
KEENAN STRUCTURAL SLATE CO., Bangor, Pa.
Kirtland W. H. (Jobbers), 1123 B'way, New York
Lehigh Structural Slate Mfg. Co., Bangor, Pa.
Miller O. A. Slate Co. (Jobbers), Slatington, Pa.
Monarch Blackboard & Structural Slate Co., Slatington, Pa.
Nelson N. O. Marble Co., Edwardsville, Ill.
New York Slate Works, 255 E 138th, New York
NORTH BANGOR SLATE CO., Bangor, Pa.
O'Halloran & Jacobs, Park bldg, Pittsburgh, Pa.
Old English Slate Quarries, 200 Devonshire, Boston, Mass.
Ontalaunee Slate Mfg. Co., Lynnport, Pa.
Peerless Slate Co., Delta, Pa.
Penna. Blackboard Co., Slatington, Pa.
Penrhyn Slate Co., Hydeville, Vt.
Phoenix Slate Co., Windgap, Pa.
Schaeffer R. F. (Jobber), Bangor, Pa.
Scotch Hill Slate Co., Fair Haven, Vt.
Slatington-Bangor Slate Syndicate (Jobbers), Slatington, Pa.
Tinsman M. L. & Co., Pen Argyl, Pa.
Vermont Unfading Green Slate Co., Fair Haven, Vt.
Washington Slate Co., Slatington, Pa.
Williams Slate Co., Mutual bldg, Richmond, Va.
Woodley Slate Co., Bangor, Pa.

13747a— Slate (Structural)

See Slate; also Stair Treads & Risers

Bangor Slate Mining Co. (Work), Bangor, Pa.
Davis Slate & Mfg. Co., 618 E. 40th, Chicago, Ill.
Hill Wm. J., 70 Wall, New York
Keenan Structural Slate Co., Bangor, Pa.
KNICKERBOCKER SLATE CORP., 19 W 44th, New York
Penn Structural Slate Co., Inc., 309-311 Drake bldg, Easton, Pa.
Structural Slate Co., Pen Argyl, Pa.

13748— Slate Tanks & Vats

Blue Mountain Slate Co., Slatington, Pa.
Blue Mountain Slate Co., Slatington, East Bangor, Pa.
Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.
Keenan Structural Slate Co., Easton, Pa.
Lehigh Structural Slate Mfg. Co., Bangor, Pa.
Nelson N. O. Marble Co., Edwardsville, Ill.
New York Slate Works ("Empire"), 255 E 138th, New York
Old English Slate Quarries, 200 Devonshire, Boston, Mass.
Penrhyn Slate Co., Hydeville, Vt.
Portland-Monson Slate Co. ("Monson"), Portland, Me. *See adv index at end of book*
Vermont Unfading Green Slate Co., Fair Haven, Vt.

Slate Tile

See Slate Floor Tile

13749—Slate Urinal Slabs, Etc.

Albert G. G. & Co., Bangor, Pa.
Algonquin Slate Products Co., Worcester, Mass.
American Slate Co., 17 Southampton, Boston, Mass.
American Slate Co., Easton, Pa.
Bangor Slate Co., Bangor, Pa.
Bangor Slate Mining Co., Bangor, Pa.
Bangor Structural Slate Co., Bangor, Pa.
Blue Mountain Slate Co., Slatington, Pa.
Blue Valley Slate Mfg. Co. (Ltd.), Slatington, Pa.
Columbus Slate Co. (Jobbers), New Hayden bldg, Columbus, O.
Coulman & Westcott, Fair Haven, Vt.
Durick Keenan & Co., Fair Haven, Vt.
East Bangor Consolidated Slate Co., East Bangor, Pa.
Excelsior Slate Co., Pen Argyl, Pa.
Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.
Hahn Granville, Walnut Port, Pa.
Hammann Slate Co., Bangor, Pa.
Hinchey Patrick F. & Co., Hydeville, Vt.
Hower J. K., Danielsville, Pa.
International Slate Co., Slatington, Pa.
KEENAN STRUCTURAL SLATE CO., Bangor, Pa.
Kimes J. B. & Co., 24th & Callowhill, Philadelphia, Pa.
Kirtland W. H. (Jobber), 1123 B'way, New York
Lehigh Structural Slate Mfg. Co., Bangor, Pa.
McConnell Slate Co., 2445 Pacific, B'klyn, N. Y.
Monarch Blackboard & Structural Slate Co., Slatington, Pa.
Monson Maine Slate Co., 112 Water, Boston, Mass.
Nelson N. O. Marble Co., Edwardsville, Ill.
New York Slate Works, 255 E 138th, New York
NORTH BANGOR SLATE CO., Bangor, Pa.
O'Halloran & Jacobs, Park bldg, Pittsburgh, Pa.
Old English Slate Quarries, 200 Devonshire, Boston, Mass.
Ontalaunee Slate Mfg. Co., Lynnport, Pa.
Peerless Slate Co., Delta, Pa.
Penna. Blackboard Co., Slatington, Pa.
Penrhyn Slate Co., Hydeville, Vt.
Penrhyn Slate Co., Middle Granville, N. Y.
Phoenix Slate Co., Windgap, Pa.
Rutland Marble & Granite Co., Rutland, Vt.
Scotch Hill Slate Co., Fair Haven, Vt.
Shimer Slate Co. (Jobbers), Bangor, Pa.
Slatington Slate Co., Slatington, Pa.
Snyder E. F., Slatington, Pa.
Troy Bros. & Co., 975 Mass. av, Rox, Boston, Mass.
Vermont Unfading Green Slate Co., Fair Haven, Vt.
Williams Slate Co., Mutual bldg, Richmond, Va.
Western Slate Co., 326-328 Aberdeen, Chicago, Ill.

Slate Vault Lining

See Burial Cases & Vaults, Slate

13750— Slates (School)

American Slate Works, Slatington, Pa.
Bangor School Slate Co. ("Star," "Crescent"), Bangor, Pa.
East Bangor Consolidated Slate Co., East Bangor, Pa.
Griffin Bros., Bangor, Pa.
National School Slate Co., Slatington, Pa.
Shenton Thos. H., Slatedale, Pa.

13751-2— — Slats (Pole)

Hallett Iron Works (Safety), Harvey, Ill.

13753— Sledge Mfrs.

See also Hammers, Heavy

Beall Bros. (Blacksmiths' Stone, etc.), Alton, Ill.
Brunner & Lay (Quarry, etc), 570 W Polk, Chicago, Ill.
Ernsdorff John Iron Co. ("Jerico" Bob for Farm Use), Dubuque, Ia.
Evansville Tool Works (Coal, Blacksmith's Stone, etc), Evansville, Ind.
Fulton Tool Works (Miners, etc), Canal Fulton, O.
Hammond C. & Son, Ogontz, Pa.
Hardsocg Mfg. Co. (Solid Cast Steel), Ottumwa, Ia.
Hardsocg Martin Co. (Coal), 922 South av, Pittsburgh, Pa.
Heller Bros. Co. (Octagon Turning, etc), 879 Mt. Prospect av, Newark, N. J.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Iron City Tool Works, Ltd. (Solid Cast Steel), 3201 Smallman, Pittsburgh, Pa.
Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Plumb Fayette R. (Inc.), Tucker & James, Phila., Pa.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Union Drop Forge Co. (Drop Forged), 358 W Grand av, Chicago, Ill.
Verona Tool Works, Oliver bldg, Pittsburgh, Pa., & Verona, Pa.
Vulcan Tool Mfg. Co., Quincy, Mass.
WARREN TOOL & FORGE CO. (Blacksmiths, Blockmakers, Coal, Stone Turning), Warren, O.
Warwood Tool Co., Wheeling, W. Va.

WARWOOD TOOL CO.
WHEELING, W. VA.

What Cheer Tool Co. (Cast Steel), What Cheer, Ia.

13754— Sleds (Bob)

Acme Wagon Co., Emigsville, Pa.
Anderson Co., 2324 University av, St. Paul, Minn.
Angle Steel Stool Co., Otsego, Mich.
Baker & Bennett Co. (Steering Sleds), 873 B'way, New York
Bassett E. C., Sterling, Ill.
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Belknap Wagon Co., Grand Rapids, Mich.
Bristol & Gale Co., 158 Carroll av, Chicago, Ill.
Carriage & Toy Co., 741 W Lombard, Baltimore, Md.
Conner J. W. & Son, Orangeville, Pa.
Cooper A. A. Wagon & Buggy Co., Dubuque, Ia.
Donaldson Bros., Mount Clemens, Mich.
Evans B. A., Hammond, N. Y.
Everts Mfg. Co., Meridian, N. Y.
Kalamazoo Sled Co. ("Presto" Coasting), Kalamazoo, Mich.
Keller Mfg. Co., 1325 N E Quincy, Minneapolis, Minn.
Koch & Son Mfg. Co., St. Cloud, Minn.
La Crosse Plow Co., La Crosse, Wis.
Lansing Co., Lansing, Mich.
Lenhart Wagon Co., 2600 University av S E, Minneapolis, Minn.
Moline Plow Co. (Mandt), Moline, Ill.
Northwestern Mfg. Co., Fort Atkinson, Wis.
Parker Plow Co., Richmond, Mich.
Patterson Mfg. Co., Holly, Mich.
Sheboygan Coaster & Wagon Works ("Favorite" Steel, Also Wood Clippers), Sheyboygan, Wis.
Smith Mfg. Co., La Crosse, Wis.
Standard Novelty Works, Duncannon, Pa.
Sterling Mfg. Co., Sterling, Ill.
Stoughton Wagon Co., Stoughton, Wis.
Streich A. & Bro. Co. (Farm, Log, etc), Oshkosh, Wis.
Studebaker Corp., South Bend, Ind.
Sweet B. F. & H. L. Co. ("Common Sense"), Fond du Lac, Wis.
Tanner D. F., Holland, N. Y.
Thornburgh Mfg. Co. ("Famous Burton"), Bowling Green, O.
Turnbull Wagon Co., Defiance, O.
Turney Joel & Co., Fairfield, Ia.
Vaughn Mfg. Co., Jefferson, Wis.
Western Steel & Iron Works ("Western"), De Pere, Wis.

13755—Sleds (Steering, Childrens')

Allen S. L. & Co. ("Flexible Flyer" "Fire Fly"), Denckla bldg, Philedalphia, Pa.
Bent Rung Ladder & Mfg. Co., Indiana, Pa.
Buffalo Sled Co. ("Fleetwing" Steering on Runners), North Tonawanda, N. Y.
Carriage & Toy Co. ("Monoplane"), 741 W Lombard, Baltimore, Md.
Garton Toy Co. (Boys', Wood & Steel), Sheboygan, Wis.
Kalamazoo Sled Co., Kalamazoo, Mich.
Martin & Heagy Mfg. Co. ("Hickory Coaster"), Elizabethtown, Pa.
Safety Sled Co. ("Safety"), Mt. Jewett, Pa.
Sherwood Bros. Mfg. Co. (Childrens' Bob), Canastota, N. Y.
Standard Novelty Works ("Lightning Guide"), Duncannon, Pa.
Steinfeld Bros. ("Steinfeld," Sleds & Steering Coasters), 116 W 32d, New York
Toledo Metal Wheel Co. ("Toledo" Steering Coasters & Rigid Sleds), Toledo, O.
Wagner Mfg. Co. ("Wagner" Steel Bob Steering Coaster), Cedar Falls, Ia.

13756— Sleds (Stone)

Lakewood Engineering Co., Cleveland, O. *See adv index at end of book*

13757—Sleeping Berths (Outdoor)

Kewanee Mfg. Co. ("Kewanee"), Kewanee, Ill.

13758—Sleeves (Automobile Tire)

Firestone Tire & Rubber Co. ("Firestone"), Akron, O.

13759— Sleeves (Dredging)

Acme Rubber Mfg. Co., Trenton, N. J.
AMERICAN SPIRAL PIPE WORKS, Chicago, Ill. *See adv index at end of book*
Boston Belting Corp., 84 Linden Park st, **Boston, Mass.**
Boston Woven Hose & Rubber Co. ("Perfection"), Cambridge, Mass.
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Continental Rubber Works, Erie, Pa.
Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book
Empire Tire & Rubber Corp., East Trenton, N. J.
Goodrich B. F. Co. (Rubber), Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Home Rubber Co., Trenton, N. J.
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mechanical Rubber Co., Cleveland, O.
Mobile Dredge Sleeve & Vulcanizing Co. (Flexible Steel Lined), Mobile, Ala.
N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
New York Belting & Packing Co., 91 Chambers, New York
NEW YORK RUBBER CO. (Rubber), 323 W Randolph, Chicago, Ill., Reade & Church, New York
Peerless Rubber Mfg. Co., 31 Warren, New York
Quaker City Rubber Co., 629 Market, Phila., Pa.
Republic Rubber Co., Youngstown, O.
Revere Rubber Co., Chelsea, Mass.
Thermoid Rubber Co., Trenton, N. J.
United & Globe Rubber Mfg. Co., Trenton, N. J.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

13760-1—Sleeves (Drill & Punch)

Cleveland Punch & Shear Works Co., 8921 St. Clair av N E, Cleveland, O.
Cleveland Twist Drill Co. (Drill Only), 1 E 49th, Cleveland, O.
Keystone Mfg. Co. (Taper), Buffalo, N. Y.

13762— Sleeves (Paper)

(For Electrical Use, etc.)

Am. Elecl. Works, Phillipsdale, R. I.
Brandywine Fibre Products Co., 815 Shipley, E Wilmington, Del.
Climax Tube Co., 89 State, Boston, Mass.
Cook Frank B. Co., 326 W Madison, Chicago, Ill.
Elastoid Fibre Co., Waltham, Mass.
McCausland J. E., Providence, R. I.
Pairpoint Corp., New Bedford, Mass.
Reliable Electric Co., 411 S Sangamon, Chicago, Ill.
Sherwin Electric Co. (Bushings), Burlington, Vt.
Standard Underground Cable Co., Pittsburgh, Pa.
Stone Straw Co., 30 O, N E, Washington, D. C.
Textile Tube Co., Fall River, Mass.

13763— Sleeves (Pipe)

Beaton & Cadwell Mfg. Co. ("Perfection" Galvanized Iron & Tin Adjustable & Non-Adjustable), New Britain, Conn.
Beaton & Corbin Mfg. Co., ("Adjusto," Adjustable), Southington, Conn.
Dayton Pipe Coupling Co. (Steel, for Pipe Mains, etc), Dayton, O.
Hesser S. R. Mfg. Co. (For Repair Work), Bradford, Pa.
"DRYCEIL" PIPE SLEEVE CO. ("Dryceil"), 351 Lexington av, New York
General Fire Extinguisher Co. (Split), Providence, R. I.
Maines Co. (Adjustable), 1933 W Lake, Chicago, Ill.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book

New Brunswick Iron Works ("Kellogg" Repair Sleeve, for Water Mains), New Brunswick, N. J.
STURTEVANT B. F. CO. ("Sturtevant") 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book

13764— Sleeves (Plumbago)

McCullough-Dalzell Crucible Co. (For Bessemer & Open Hearth Furnaces), 36th & A. V. R. R., Pittsburgh, Pa.

13765—Sleeves (Pole Repair)

Drew Elec. & Mfg. Co., 1016 E Michigan, Indianapolis, Ind.
Gherky Wm. D. ("Voynow"), 30th & Walnut, Phila., Pa.
Hubbard & Co. (Reinforced Wooden Poles), Pittsburgh, Pa.

13765a— *Sleeves (Screw)

STANNARD MFG. CO. ("Little Giant Expansion), 371 Allen, Springfield, Mass.
See adv index at end of book

13766—Sleeves (Stopper Rod)

Knauff & Esterbrook, Cleveland, O.

13767—Sleeves (Trolley Wire Splicing)

Electric Railway Equip't Co., Cincinnati, Ohio
Eureka Co., North East, Pa.
Hickey & Schneider ("H. & S." Seamless), Elizabeth, N. J.
More-Jones Brass Metal Co., B'way & Dock, St. Louis, Mo.
Philadelphia Electrical & Mfg Co. ("Phila."), 1236 N 31st, Phila., Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

13768—Sleeves & Tees for Underground Construction

McIntire C. Co., 35 Vesey, Newark, N. J.

13769— Sleeving (Cotton)

(For Electrical Use, etc.)

Adamson Joseph & Co., Columbia & Wtn. av, Phila., Pa.
Anchor Webbing Co., Pawtucket, R. I.
Asbestos Fibre Spinning Co., North Wales, Pa.
Automatic Electric Co., 1001 W Van Buren, Chicago, Ill.
Barton F. C., 65 Worth, New York
Blakesley Novelty Co. (Cotton Knit), Bristol, Conn.
Buffalo Weaving & Belting Co. (For carrying Electric Wires Under Heat), Buffalo, N. Y.
Dunton M. W. Co., 150 Niagara, Providence, R. I.
Empire Mfg. Co., Lockport, N. Y.
Freydberg Bros., Inc., 1308 2nd av, New York
Harris S. A. & Co., 119 S 4th, Phila., Pa.
Hope Webbing Co., 1005 Main, Providence, R. I.
International Braid Co., 47 Charles, Providence, R. I.
Johns-Manville Co. H. W. ("Niagrite Asbestos"), Madison av & 41st, New York
Lambeth Rope Corp., New Bedford, Mass.
Mason J. S. & Sons, Westboro, Mass.
Mica Insulator Co., 68 Church, New York
Niedner's Chas. Sons Co., Malden, Mass.

13770— Sleighs (Logging)

Phoenix Mfg. Co., Eau Claire, Wis.
Ransome-Leach Co., 115 B'way, New York

13771—Slicers (Fruit & Vegetable)

A. & J. Mfg. Co. ("A. & J."), Binghamton, N. Y.
Catawissa Specialty Mfg. Co. (Vegetable), Catawissa, Pa.
Disston Henry & Sons, Tacony, Phila., Pa.
Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa.
Fischer Bros. & Corwin, 635 N 3rd, Newark, N. J.
Goodell Co. (Potato), Antrim, N. H.
Handy Things Mfg. Co., Ludington, Mich.
Houchin Thos. W. Co. (Revolving), 36 E 12th, New York
Landers, Frary & Clark ("Universal," "French," "Lightning"), New Britain, Conn.
Richardi & Bechtold, Bellaire, Mich.
Rollman Mfg. Co. (Ltd.) (Apple), Mt. Joy, Pa.
Sinclair-Scott Co. (Pineapple), Wells & Patapsco, Baltimore, Md.
Shannock Narrow Fabric Co., Pawtucket, R. I.
Sidebotham John, Inc., 4317 Griscom, Phila., Pa.
Streeter N. R. & Co., Rochester, N. Y.
Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
U. S. Asbestos Co., Lancaster, Pa.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.
Zastrow Geo. W. (Pineapple, Power), 1410 Thames, Baltimore, Md.

13772— Slicers (Meat)

American Slicing Machine Co. ("Berkel's"), 209 S State, Chicago, Ill.
Anderson Computing Scale Co., Anderson, Ind.
Canton Elec. Cut Co., Canton, O.
Cincinnati Butchers' Supply Co., 2008 Central av, Cincinnati, O.
Computing Cheese Cutter Co., Anderson, Ind.
Computing Scale Co., Dayton, O.
Deer A. J. Co. ("Deer"), Hornell, N. Y.
Holwick B. C., Canton, O.
Ideal Mfg. Co., Anderson, Ind.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
Master Cutter Mach. Co., North av, Oakley, Cincinnati, O.
Pan Elec. Mfg. Co., 735 S 4th, St. Louis, Mo.
Smith's John E. Sons Co., Buffalo, N. Y.
Stimpson Scale & Mfg. Co., Northville, Mich.
Troemmer Hy., 911 Arch, Phila., Pa.
U. S Slicing Machine Co. (Imp.), 189 N Dearborn, Chicago, Ill.
Universal Store Spec. Co., Commercial & Center, New Britain, Conn.

13773— Slicks (Carpenters')

Bradley G. W. Axe & Tool Mfg. Co., Newburgh, N. Y.
Buck Bros., Millbury, Mass.
Jennings C. E. & Co. ("C. E. J. & Co.'s," "J. & G. Mfg. Co."), 71 Murray, New York
Ohio Tool Co., Charleston, W. Va.
Peck, Stow & Wilcox Co., Southington, Conn.
Swan James Co., Seymour, Conn.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

13774—Slide Rests for Lathes

American Tool & Machine Co., 10 High, Boston, Mass.
Bartlett E. E., 326 A, Boston, Mass.
Blount J. G. Co., Everett, Mass.
Mann Chas. A., 166 Doyle av, Providence, R. I.
Reed, Prentice Co., Worcester, Mass.
STARK TOOL CO. (Compound, for Bench Lathes), Waltham, Mass.
See adv index at end of book

13775— Slides (Breast Strap)

Cleveland Specialties Mfg. Co., Cleveland, O.
Frazer & Jones Co. (Also "B. S." Combined Slide & Snap), Syracuse, N. Y.
Independent Register & Mfg. Co., Cleveland, O.
Loetscher-Ryan Mfg. Co., Dubuque, Ia.
North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.
Schartow Mfg. Co., Milwaukee, Wis.
Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.

13776— Slides (Desk)

Berbecker & Rowland Mfg. Co., Waterville, Conn.
Eagle Lock Co., Terryville, Conn.
National Lock Co., Rockford, Ill.

Slides (Furniture)

See Shoes, Sliding Furniture

13777—Slides (Lantern, Stereopticon, Etc.)

American Slide Co., Columbus, O.
Brayton Mfg. Co., 431 S Dearborn, Chicago, Ill.
Des Moines Slide Co., Des Moines, Ia.
International Stereograph Co., Decatur, Ill.
Kansas City Slide Co. (For Advertising), 1017 Central av, Kansas City, Mo.
McIntosh Stereopticon Co, 30 E Randolph, Chicago, Ill.
North American Slide Co., 122 N 13th, Phila., Pa.
Novelty Slide Co., 115 E 23rd, New York
Scott & Van Altena, 6 E 39th, New York
Three Star Slide Co. (Lantern), 443 S Dearborn, Chicago, Ill.
Weeks Mfg. Co., 181 Tremont, Boston, Mass.

13777a— *Slides (Tent)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

13778— Slimers (Craven)

Union Iron Works Co., 20th & Michigan, San Francisco, Cal.

13799-80— Slings (Hay)

Goshen Mfg. Co., Goshen, Ind.
Hunt, Helm, Ferris & Co. ("Star"), Harvard, Ill.
Louden Machinery Co., Fairfield, Iowa
Milwaukee Hay Tool Co., Layton Park, Milwaukee, Wis.
MYERS F. E. & BRO. ("Myers" Centre Trip Adjustable, "Utah" Centre Trip Adjustable, "Myers" Double Lock Adjustable & "Myers" Cable Ground Sling, "Myers" Chain), 800 Orange, Ashland, O. *See adv index at end of book*
Ney Mfg. Co., Canton, O.
Porter J. E. Co. (Center Grip), Ottawa, Ill.
Ricker Mfg. Co. ("Rochester"), Rochester, N. Y.
Strickler Hay Tool Co. ("Strickler"), Janesville, Wis.

13781— Slitters for Gang Slitting Machines

Tinker F. & Sons Co., 5687 Butler, Pittsburgh, Pa.

13781a— Smalts

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

13782—*Smalts (Sign Painters')

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

E. B. Estes & Sons Established 1847
Manufacturers of **Estes' Osmalto**
Estes' Celebrated Sign Painters' Smalt.
Standard of Quality for 70 Years
364 5th Avenue, New York City

13783— Smelters (Lead)

Balbach Smelting & Refining Co., 580 Market, Newark, N. J.
Desloge Consolidated Lead Co., Rialto bldg, St. Louis, Mo.
Empire Smelting & Refining Co., El Paso, Tex.
Granby Mining & Smelting Co., St. Louis, Mo.
Pennsylvania Smelting Co., Carnegie, Pa.
St. Josephs Lead Co., 61 Broadway, New York

13784— Smelters of Spelter

See also Spelter Manufacturers

American Zinc, Lead & Smelting Co., 120 B'way, New York
Am. Zinc Products Co., Greencastle, Ind.
Granby Mining & Smelting Co., St. Louis, Mo.
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Hegeler Zinc Co., Danville, Ill.
Illinois Zinc Co., Peru, Ill.
Matthiessen & Hegeler Zinc Co., La Salle, Ill.
Mineral Point Zinc Co., 140 S Dearborn, Chicago, Ill.
National Zinc Co., 61 B'way, New York
United Zinc Smelting Corp., 99 John, New York

13785— Smelters & Refiners

See also Babbitt Metal; also Refiners, Electrolytic Copper

ALUMINUM
Ingots—Sheets—Rods—Granulated
UNITED SMELTING & ALUMINUM CORP.
NEW HAVEN, CONN.
Branches { 24 Stone Street, New York City
1334 Dime Bank Bldg., Detroit, Mich.

Alax Metal Co., 46 Richmond, Phila., Pa.
American Smelting & Refining Co., 120 B'way, New York
American Zinc, Lead & Smelting Co., 55 Congress, Boston, Mass.
Argus Smelting Co., 47 W 34th, New York
Atlantic Smelting & Refining Wks, 57 Richards, B'klyn, N. Y.
Austin John & Son (Gold, Silver & Platinum), 74 Clifford, Providence, R. I.
Balbach Smelting & Refining Co., 580 Market, Newark, N. J.
Baltimore Copper Smelting & Rolling Co., Canton, Baltimore, Md.
Bartlesville Zinc Co., 61 B'way, New York
Buffalo Smelting Works, 1 Austin, Buffalo, N. Y.
Chicago Metal Reduction Co., 20 W Jackson blvd, Chicago, Ill.
Columbia Smelting & Refining Works, 366 West, New York
Crescent Phosphorized Metal Co., 2314 Wood, Phila., Pa.
Dee Thos. J. & Co., 5 S Wabash av, Chicago, Ill.
Delaware Metal Refinery, Washington & 18th, Phila., Pa.
Deutsch N. & Co., 540 W 13th, Chicago, Ill.
Duquesne Reduction Co., Farmers Bank bldg., Pittsburgh, Pa.
Eagle Smelting & Refining Works, 233 Broadway, New York
Electric Smelting & Aluminum Co. (Aluminum, Silicon, Manganese, Alloys), Lockport, N. Y.
Elizabethtown Smelting Co., 503 Mulberry, Newark, N. J.
Empire Smelting Co., Depew, N. Y.
Empire Smelting & Refining Co., El Paso, Tex.
Fidelity Metal Co., 192 Diamond, Brooklyn, N. Y.
Garfield Smelting Co. (Copper, Ore, etc), Salt Lake City, Utah
Gem City Smelting & Brass Castings Co., Dayton, Ohio
Goldsmith Bros. Smelting & Refining Co., 29 E Madison, Chicago, Ill.
Granby Mining & Smelting Co., St. Louis, Mo.
Grasselli Chemical Co., Guardian bldg., Cleveland, O.
Great Western Smelting & Refining Co., 41st & Wallace, Chicago, Ill.
Hartman Ingot Metal Co. (Red & Yellow Ingot Metal), 2511 W 21st, Chicago, Ill.
Henning V. & Sons, 330 Belmont av, Brooklyn, N. Y.
Hollingsworth W. T., Covington, Ky.
Honkamp Bros. (Lead & Copper), 3951 Wentworth av, Chicago, Ill.
ILLINOIS SMELTING & REFINING CO., 410 N Peoria, Chicago, Ill.
See adv index at end of book
International Nickel Co., 43 Exchange pl, New York
International Smelting Co., 42 B'way, New York
Irvington Smelting & Refining Co., Irvington, N. J.
Jacobson I. M. & Sons Co. (Brass, Copper, Lead, etc), 70 Catherine, Detroit, Mich.
Kahn Bros., 785 Humboldt, Brooklyn, N. Y.
Kramer H. & Co., 730 S Canal, Chicago, Ill.
Lanyon-Star Smelter Co., Bartlesville, Okla.
Lehman Bros., Hoboken, N. J.
Leiong L. & Bro. (Gold & Silver), 345 Halsey, Newark, N. J.
Lissberger Marks & Sons, 281 Borden av, L. I. City, N. Y.
Loraine Smelting & Refining Co., 25 N Dearborn, Chicago, Ill.
McDonald Jas. & Sons Co., Cincinnati, O.
McHattan Foundry Co., 1500 Wash'n av, Phila., Pa.
Matthiessen & Hegeler Zinc Co., La Salle, Ill.

Illinois Smelting and Refining Co.
SMELTERS, MANUFACTURERS AND DEALERS CRUDE AND REFINED METALS
Zinc, Lead, Antimony, Tin, Copper, Bismuth, Nickel, Cadmium
PLATES BARS PIGS INGOTS ALL ANTI-FRICTION METALS
General Office: 410 North Peoria Street, CHICAGO, ILL.

MICHIGAN SMELTING & REFINING CO.

(Lead, Tin, etc., also Copper Bearing By-Products), 1695 Jos. Campus st, Detroit, Mich.
Monarch Metal Co., 119 So Lincoln, Chicago, Ill.
Mountain Copper Co. (Ltd.), 332 Pine, San Francisco, Cal.
Mueller Metals Co., Port Huron, Mich.
Nassau Smelting & Refining Works, 607 W 29th, New York
National Copper Refining Co., Cleveland, O.
National Lead Co., 111 B'way, New York
National Smelting Co., Grant av, Cleveland, O.
National Zinc Co. (Zinc), 61 B'way, New York
New Metals & Process Co., Inc. (Lead) Reading, Pa.
Ohio Metal Co., 1137 No 4th, Columbus, O.
Ozark Smelting & Mining Co., 601 Canal rd, Cleveland, O.
Pearlman Co., Clarksburg, W. Va.
Peninsular Smelting Co., 1385 W Jefferson av, Detroit, Mich.
Pennsylvania Smelting Co., Benedum Trees bldg, Pittsburgh, Pa.
Pittsburgh Smelting & Refining Co., Elizabeth & B. & O. R. R., Pittsburgh, Pa.
Progressive Metal & Refining Co., 432 Barclay, Milwaukee, Wis.
Raritan Copper Works, 42 B'way, New York
Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.
Richardson Research Laboratory (Precious Metals), 1836 Euclid av, Cleveland, O.
Roessing Bronze Co., Etna, Pa.
Rosenthal's Jos. Sons, 190 W. Berks, Phila., Pa.
St. Louis Smelting & Refining Co. (Lead Slag, etc), International Life bldg, St. Louis, Mo.
Selby Smelting & Lead Co., 201 1st, San Francisco, Cal.
Shimer McGlynn & Co., 19th & Washington av, Phila., Pa.
Star Refining Co., 116 W First, Boston, Mass.
Syracuse Smelting Works ("Stanley Process"), 192 Diamond, Brooklyn, N. Y.
Tacoma Smelting Co. (Lead, Copper, Gold, etc), Tacoma, Wash.
Tottenville Copper Co., Bedell, Tottenville, N. Y.
Trenton Smelting & Refining Co., Trenton, N. J.
Tri-Bullion Smelting & Development Co. (Gold, Silver, Lead, etc), 10 Wall, New York

UNION SMELTING AND REFINING CO., INC.

Newark, N. J.

UNITED SMELTING & ALUMINUM CORP., 187 Commerce, New Haven, Conn. *See adv index at end of book*
United States Metals Refining Co., 120 B'way, New York
United States Reduction Co., E Chicago, Ind.
United States Smelting, Refining & Mining Co. (Copper, Lead, etc.), Salt Lake City, Utah
United States Smelting Works, 1615 Spring Garden, Phila., Pa.
United Zinc Smelting Corp., 99 John, New York
Virginia Smelting Co., W Norfolk, Va., & Boston, Mass.
Vulcan Louisville Smelting Co., 208 S La Salle, Chicago, Ill.
White & Bro., Hedley & Del River, Phila., Pa.
Wilber Bros., Pacific bldg, San Francisco, Cal.
Woodfall Bros., 1105 Fairmount av, Phila, Pa.

13786— Smelting Outfits

Way's Pocket Smelter Sales Co. ("Way's"), South Pasadena, Cal.

13787—Smelting Plants (Complete Equipment)

Traylor Engng. & Mfg. Co. (Copper, Silver & Lead), Allentown, Pa.

Smoke Consumers

See Fuel Economizers; also Furnaces, Smokeless

13788—Smoke House Builders

Columbian Steel Tank Co., New England bldg, Kansas City, Mo.
Evers Iron Works ("Evers's & Hilderbrandt's" Patents), 1569 Merwin, N. W, Cleveland, O.
Gehret Bros. (Doors, Meat Trees, Patent Floors, etc), Bridgeport, Pa.
Kretchmer Mfg. Co. (Galvanized), Council Bluffs, Ia.
Wolf, Sayer & Heller, Fulton & Peoria, Chicago, Ill.

13789—Smoke Jacks (Round House)

Asbestos, Shingle, Slate & Sheathing Co. ("Century," Asbestos Lumber), Ambler, Pa.
Dickinson Paul (Cast Iron & Wood), 3346 S Artesian av, Chicago, Ill
Franklin Mfg. Co., Franklin, Pa.
Illinois Malleable Iron Co. ("Bruyn" Cast Iron Automatic Swinging), 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
Johns H. W.-Manville Co. ("J-M" Asbestos Wood), Madison av & 41st, New York
Mann-McCann Co. ("Bruyn," "Mann"), 305 So La Salle, Chicago, Ill.

13790— Smoke Stack Lining

Franklin Mfg. Co. ("Franklin"), Franklin, Pa.
Johns H. W.-Manville Co. ("J-M Vitribestos"), Madison av & 41st, New York

Smoke Stacks (Steel)

See Stacks, Steel

13791— Smokers (Bee)

Falconer W. T. Mfg. Co., Falconer, N. Y.
Kretchmer Mfg. Co. ("Champion"), Council Bluffs, Ia.
Root A. I. Co., Medina, O.

13791a— Smoking Sets

Jefferson Glass Co., Follansbee, W. Va.
SCHIMPER WILLIAM & CO., 322-338 Ferry, Hoboken, N. J., & 33 Union Square West, New York

13792— Smoothers (Asphalt)

Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.

13793—*"Smooth-On" Cements & Compounds

Smooth-On Mfg. Co., 572 Communipaw av, Jersey City, N. J.

13794— Snaps (Blanket)

North & Judd Mfg. Co. ("Royal," etc), New Britain, Conn.

13795—Snaps (Harness, Etc.)

See also Hooks, Snap

Berry Chas. ("Regan," Pole Rein, Trace, "Berry," Rein, Bridle, "Boyd's" Pole), Somerville, Mass.
Bridgeport Chain Co., Bridgeport, Conn.
Covert Mfg. Co. ("Yankee," "Trojan," "King," "Queen," "Sterling," "Polo," "Covert," "Holdfast"), Troy, N. Y.
Covert Saddlery Works ("Crown," "Triumph," "Model"), Interlaken, N. Y.
Draper & Hall Co. ("Hayes" Lock), Middletown, Conn.
East Bangor Mfg. Co. ("J. P."), Bangor, Pa.
Eberhard Mfg. Co. ("Sure-Fast," etc), Cleveland, O.
Fitch W. & E. T. Co., New Haven, Conn.
Frazer & Jones Co. ("Buffalo," "Jones," "Syracuse," "Empire," "Acme," etc.), Syracuse, N. Y.
Hayward S. F. & Co. (Fire Dept.), 250 W 54th, New York
Hogarty Edw., Unionville, Conn.
Imperial Bit & Snap Co., ("Imperial"), Racine, Wis.
Jenkinson R. C. & Co., 293 Washington, Newark, N. J.
Judd R. D., New Britain, Conn.
National Safety Snap Co. ("Kingsnap" Spring Steel), Wilmington, O.
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
North O. B. & Co., New Haven, Conn.
North & Judd Mfg. Co. ("Anchor Brand," "Loxspring," "Quick-Kloze"), New Britain, Conn.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Sargent & Co. ("Sampson," etc), New Haven, Conn.
Schartow Mfg. Co. ("Schartow"), Milwaukee, Wis.
Walsh Safety Lock Snap Co. ("Walsh" Safety Lock Snap), Bellevue, O.
Wire Goods Co. (Wire), Worcester, Mass.

13796— Snaps (Hitching)

Covert Saddlery Works Interlaken, N. Y.
East Bangor Mfg. Co. ("J. P."), Bangor, Pa.
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.
Walsh Safety Lock Snap Co. ("Walsh" Safety Lock Snap), Bellevue, O.

13797— Snaps (Rivet)

Brunner & Lay, 570 W Polk, Chicago, Ill.
Cleveland Punch & Shear Works Co. (Alloy or Carbon Steel), 3921 St. Clair av N E, Cleveland, O.

13798— Snaps (Swivel)

Covert Mfg. Co. ("Covert," "Yankee," "King" "Polo"), Troy, N. Y.
Frazer & Jones Co. (Trace, Breeching, etc), Syracuse, N. Y.
Imperial Bit & Snap Co., Racine, Wis.
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.
Walsh Safety Lock Snap Co. ("Walsh" Safety Lock Snap), Bellevue, O.
Wilcox, Crittenden & Co., Middletown, Conn.

13799— Snares (Loom)

Ashland Mfg. Co. (Cat-Gut, etc), W 43d & Hermitage av, Chicago, Ill.

13799a— Snathes (Scythe)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

13800— Snippers (Bean)

Gowanda Agricultural Works ("Century"), Gowanda, N. Y.

Snips (Pineapple Eye)

See Eyers, Pineapple

13801— Snips (Tinners')

Acme Shear Co. ("Ajax," "Star"), Bridgeport, Conn.
Ansonia Novelty Co., Ansonia, Conn.
Atlas Shear Co., Bridgeport, Conn.
Bartlett Mfg. Co. ("Searchlight" Compound Lever Mechanics), 40 Lafayette, Detroit, Mich.
Bergman Tool Mfg. Co., Buffalo, N. Y.
Berridge Shear Co., Sturgis, Mich.
Bridgeport Hardware Mfg. Corp. ("Bull Dog," "Titan"), Bridgeport, Conn.
Clauss Shear Co. ("Clauss"), Fremont, O.
Clayton Bros. (Inc.) (Cast), Bristol, Conn.
Compton W. H. Shear Co. ("Reliance"), 314 Camden, Newark, N. J.
Emrich Phil ("Emrich"), 824 Main, Cincinnati, O.
Grey Iron Casting Co., Mt. Joy, Pa.

SNIPS (TINNERS')—continued
Heinisch's R. Sons Works, Newark, N. J.
Jackson Shear & Razor Co., Fremont, O.
Jennings C. E. & Co. ("Philadelphia"), 71 Murray, New York
Kraeuter & Co., 583 18th av, Newark, N. J.
Merchant & Evans Co., 2035 Washington av, Phila., Pa.
See adv index at end of book
National Cutlery Co. (Tinners'), Westmoreland & Boudinot, Phila., Pa.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book
Osborne C. S. & Co., Harrison, N. J.
Page Storms Drop Forge Co. (Drop Forged), Chicopee, Mass.
Peck, Stow & Wilcox Co. ("1819 Original," "P. S. & W." & "Samson"), Southington, Conn.
See adv index at end of book
Penn Metal Ceiling & Roofing Co. (Ltd), 23d & Hamilton, Phila., Pa.
St. Louis Sales Co. ("Searight's" Compound Lever), Chemical bldg, St. Louis, Mo.
SMITH & HEMINWAY CO., INC. ("Red Devil"), 261 B'way, New York and 130 Coit, Irvington, N. J.
See adv index at end of book
White Ira F. & Son Co. (Cast), Bloomfield, N. J.
Wiss J. & Sons Co. ("Wiss" Steel Forged), 31 Littleton av, Newark, N. J.

13802—Snow Brooms & Sweepers (Street Railway)

See also Plows, Snow; also Street Railway Sweeping Machines

Brill J. G. Co. ("Brill" Standard Snow Sweeper), 62d & Woodland av, Phila., Pa.
Columbia Machine Works & Malleable Iron Co. ("Columbia" Snow Sweeper Brooms), Atlantic av & Chestnut, Brooklyn, N. Y.
McGuire-Cummings Mfg. Co. ("McGuire-Cummings" Automatic Sweeper & Loader, also Snow Sweepers), Harris Trust & Savings bldg, Chicago, Ill.
Russell Car & Snow Plow Co., Ridgway, Pa.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

Snow Guards

See Roof Snow Guards

13802a— Soap

See also Sub-Classifications following; also Compounds Cleaning; also Powders, Soap

CALIFORNIA.

BERKELEY—Standard Soap Co. (Laundry)
FRESNO—Fresno Soap Co. (Laundry)
LOS ANGELES—California Soap Co. (Hand), 2437 E 9th
Los Angeles Soap Co. (Laundry), 633 E 1st
OAKLAND—California Soap Co., 1261 66th
Lanz Louis
West Coast Soap Co., 26th & Poplar
SAN DIEGO—Citrus Soap Co.
SAN FRANCISCO—Alumina Soapalite Co., 625 3rd
Colgate & Co., 595 Mission. (See Jersey City, N. J.)
Crystalline Soap Co., Army & Hampshire
Fairbanks N. K. Co., Sheldon bldg. (See Chicago, Ill.)
Fischbeck Soap Co., 17th & Rhode Island
Gutradt Joseph Co.
Los Angeles Soap Co., 250 Front. (See Los Angeles, Cal.)
Lucy G. R. & Co., 100 San Bruno
Mission Soap & Candle Works, 18th & Harrison
Newell & Brother, Army & San Bruno
Pioneer Soap Co., 15th & Vermont
Standard Soap Co. (Laundry), 40 Beale
SANTA CRUZ—Parsons & Hamilton
STOCKTON—Williams & Moore

COLORADO.

DENVER—Banner Chemical Co. (Liquid)
Baum Bros. (Liquid)
Lee John D

CONNECTICUT.

BRIDGEPORT—Fairchild & Shelton Co., 305 Housatonic av
GLASTONBURY—Williams J. B. Co. (Shaving & Toilet)
HARTFORD—Erickson Soap Co.
Hall-Thompson Co.
Skat Co.
MANCHESTER—Orford Soap Co. (Bon Ami)
Robertson J. T. Co. (Toilet, Laundry & Mill)
MIDDLETOWN — Allison Bros. (Chip, Borax & Burnishing)
MYSTIC—Packer Mfg. Co. (see New York City)
STAMFORD—Star Mfg. Co. (Hand), 331 Summer
WATERBURY—Connecticut Oil Co.

IDAHO.

BOISE—Idaho Soap Co.

ILLINOIS.

AURORA—Rogers A. Co. (Soft)
CHICAGO—Anchor Core Soap Co., 180 Nc Dearborn
Antiseptol Liquid Soap Co., 564 W Randolph
Armour Soap Works (Laundry), 3130 Benson
Babbitt B. T. (Inc.), (see New York City)
Beltine Chemical & Mfg. Co. (Benzine, Dry Cleaners), 401 N Sangamon
Burr David & Co., 28 E Kinzie
Colonial Soap Co. (Laundry), 1701 N Ashland av
Crofts & Reed Co., 421 N Claremont av
Economy Hang-Up Soap Co., 180 N Dearborn
Economy Oil Co., 13th & Clinton
Eisenstadt Wm., 1615 W 42nd
Fairbank N. K. Co. (Laundry & Glycerine Tar), 111 W Washington
Fairchild M. H. & Bro., 6 W Austin av
Fitzpatrick Bros. (Soap Chips), 1319 W 32d pl
Fitzpatrick John Co., 28th & Western av
Frazer Lubricator Co., 3921 Normal av
Globe Soap Co. (see Cincinnati, Ohio)
Graham Bros. & Co., 1319 W Lake
Henrotin A. Co. (Castile), 447 Wells
Hine Bros. Co., 4023 S Ashland av
Holman Soap Co., 3104 Fox
Johnson B. J. Soap Co. (see Milwaukee, Wis.)
Kendall Mfg. Co., 941 W Van Buren see Providence, R. I.)
Kirk James S. & Co., 1232 W North av
Lekko Soap Co., 925 S Wells
Monahan Antiseptic Co., 166 N Curtis av
Mulligan-Bilgman Co., 670 W Randolph
Nelson Henry & Co., 1510 W Ohio
Pierce Chemical Co., 910 W Lake
Remmers Soap Co. (see Cincinnati, Ohio)
Robertson Theo. B., Products Co., 700 W Division
Rome Soap Mfg. Co. (see Rome, N. Y.)
Scannell John Co., 3208 S Robey
Schmidt Geo. A. Co. (Tar & Shaving), 236 W North av
Simplex Chemical Co., 31 W Lake
Strong C. H. & Co. (Tooth), 180 N. Market
Uno Mfg. Co., 6433 Ravenswood av
Vosburgh E. A., 925 S Wells
Wrisley Allen B. Co. (Toilet & Laundry), 923 S 5th av
DECATUR—Chromister V. H.
ELGIN—Elgin National Soap Co.
NORTH AURORA—Rogers A. Co.
OTTAWA—Keen Kleener Mfg. Co.
ROCK ISLAND—Warnock & Ralston (Best Chipped, Toilet)
STREATOR—Genseke Herman
WOODSTOCK—Wicks & Compton

INDIANA.

FORT WAYNE—Rub-No-More Co. (Naptha & White)
INDIANAPOLIS—Bergmann F. J., 413 W Morris
Crescent Soap Co., 519 W McCarthy
Hoosier Mfg. Co., 45 S Cruse (Vegetable Oil)
International Metal Polish Co. (Oil), Quill & Belt Ry
Olds Soap & Chemical Co., 540 W McCarthy (Laundry)
Williams Soap Co., 519 W McCarthy
LAFAYETTE—Schnaible M. & J. Co. (Laundry)
LOGANSPORT—Heppe Wm. & Sons Co.
MARION—American Soap Co.
WABASH—Blount & Rees

IOWA.

BURLINGTON—Burlington Soap Co. (Castile)
Iowa Soap Co. (Laundry & Toilet)
DES MOINES—Harrah & Stewart Mfg. Co (Hand)
Prouty-Bowler Soap Co
DUBUQUE—Beach James & Sons (Toilet, Glycerine, Hand)
GRINNELL—Bonyata Chemical Co., (Liquid, Disinfectants & Scrubbing)
KEOKUK—Blom Peter H. C.
SIOUX CITY—Haskins Bros. & Co.

KANSAS.

KANSAS CITY—Kansas City Soap Co.
Peet Bros. Mfg. Co.
LEAVENWORTH—National Soap Co.
PARSONS—Hilton A. M. Soap Co.

KENTUCKY.

COVINGTON—Heckman & Co.
LOUISVILLE—Louisville Soap Co. (Laundry), Shelby & Ormsby
Magic-Keller Works, 1583 Washington

LOUISIANA.

NEW ORLEANS—Fairbank N. K. Co. (see Chicago, Ill.)
Southern Refining & Mfg. Co., Hennen bldg.

MAINE.

BERWICK—Butler Orrin H.

MARYLAND.

BALTIMORE—Hoefner A. & Sons, 107 S Calvert
Product Sales Co. (Sand), 32 So Calvert
Union Soap Co., 214 N Pearl (Toilet & Laundry)

MASSACHUSETTS.

BOSTON—Babbitt B T. (Inc.), (see New York City)
Colgate & Co. (See Jersey City, N. J.)
Dermon Soap Co., 300 N Beacon
Dunher & Perkins (Distributors), 287 Atlantic av
Fairbank N. K. Co. (see Chicago, Ill.)
Fairchild M. H. & Bros., 620 Atlantic av
Hydro Palm Soap Co. Neponset
India Alkali Works (Shield Oil Soap & Savogran Soap Powder), 28 India Wharf
Kenney F. Mfg. Co., 368 Dorchester av
Kingston John, 300 N Beacon
Lockwood Brackett & Co. (Castile & Olive Oil), 222 State
McLean-Jones Oil & Supply Co., 40 India Wharf
Marsh Geo. E. Co. (see Lynn, Mass.)
Morse J. F. & Co., 66 Norfolk av (Rox)
National Soap Corp., 444 Southampton
Speare's Alden Sons Co. (Laundry) (Cambridge), 156 6th
Standard Chemical & Supply Co., 15 Wharf
Stewart A. Collins Co., 70 Freeport
Surprise Soap Co., 45 Bennet
Warren Soap Mfg. Co., 77 Summer
Wing, Mitchell & Co., 113 Broad

Woodley Soap Mfg. Co., 33 Norfolk av (Rox.)
CAMBRIDGE—Cleanso Specialty Co.
Flash Chemical Co. ("Flash" Antiseptic Hand Cleaner), 160 2d
International Supply Co. ("Everybody's"), 2d & Bent
Kemp, Lysander & Sons
Reardon John & Sons Co. (Tallow, Oleo Oil, etc)
Teele Soap Co.
CHARLESTOWN—Rand & Byam (Laundry)
CHELSEA—Norris Wm. H. & Sons
EAST CAMBRIDGE—Standard Chemical & Supply Co. ("Soaposo"), 172 2d
GREENFIELD—Diamond Electric Soap Co.
HOLYOKE—Abbott W. H.
LAWRENCE—Beach Soap Co. (Laundry, Household & Chip)
LOWELL—Lowell Rendering Co.
LYNN—Hamson J. & Son (Laundry)
Marsh Geo. E. Co., 393 Chestnut
NEW BEDFORD—Hersom Thomas & Co.
NORTH ANDOVER—Glennie John
NORTH WEYMOUTH—Kleno Mfg. Co.
QUINCY—Bates C. F. & Co. (see Boston, Mass.)
ROCKLAND—Torrey J. A.
SOMERVILLE—Norton George W.
SPRINGFIELD—Ericka Mfg. Co. (Hand)
Fisk Mfg. Co.
Markham A. G. Co.
Springfield Rendering Co.
TAUNTON—Bassett Walter
WESTFIELD—Git Mfg. Co. (Hand)
WOLLASTON—Bates Chas. F. & Co.
WORCESTER—Buck E. A. Co. (Automobile Oil)
Eastern Supply Co. (Laundry & Textile), 2 Canterbury
White & Bagley Co. (Oil)

MICHIGAN.

ALBION—Albion Chemical Works
DETROIT—National Soap Co. (Automobile Oil Soap & Vegetable Oil Fig Soap), 440 Franklin
Rosenthal Christian
Wayne Soap Co. (Chipped, Laundry, Toilet, Dry Cleaning & Oil), Copeland & M. C. R. R.
KALAMAZOO — Kalamazoo Soap Co. (Laundry & Electric Pumice)
PORTLAND—Wolverine Soap Co.
REPUBLIC—Nikulas Herman
SAGINAW—Passolt Henry Co.

MINNESOTA.

MINNEAPOLIS—Kleansall Company, McKnight bldg
Pure Oil Co., 1st & 13th av
Purity Soap Co., 100 Humboldt av, N
Van Tilburg Oil Co. (Linseed, Liquid & Oil), 2424 University av, S E
SAINT PAUL—Kenny J. T. & Company (Green & Linseed Oil)
SOUTH STILLWATER—Utecht August
WINONA—Hirschfeld A.
Old County Green Soap Co.
Winona Packing & Soap Co.

MISSOURI.

EDINA—Kirk Edgar W. Soap & Cleanser Co.
KANSAS CITY—Kansas City Soap Co., Shawanee & R. R.
Peet Bros. Mfg. Co., 15th & Kansas av av
ST. LOUIS—Amole Products Co., Pontiac bldg.
Efficiency Oil Corp, 2100 Kienlen av
Johnson B. J. Soap Co. (see Milwaukee, Wis.)
Midvale Chemical Works, 610 Locust
Miller, Bonner & Co (Harness)
Politura Chemical Co.
Sayman Dr. Thomas M. (Toilet), 2121 Franklin av
Schaeffer Bros. & Powell Mfg. Co. (Laundry), Barton & Kosciusko
Vestal Liquid Soap & Disinfectant Co. (Liquid), 1121 Pine
Waltke Wm. & Co. (Lava, Olive Oil, Castile & Toilet), Second & Grand
SEDALIA—Hoffman John F., Jr.

MONTANA.

HELENA—Perry C. T. & Co.

NEBRASKA.

GIBBON—Rogers Virgil (Toilet)
OMAHA—Haskins Bros. & Co. (see Sioux City, Ia.)

NEVADA.

RENO—Commercial Soap Co.

NEW HAMPSHIRE.

MANCHESTER—Holt Frank
MILFORD—Keith Wm. S.

NEW JERSEY.

CAMDEN—Eavenson J. & Sons (Automobile, Textile & Toilet)
HARRISON—National Oil Products Co.
HOBOKEN—Stenken A. & Son
JERSEY CITY—Colgate & Co. (Toilet & Laundry), 105 Hudson
Holbrook Mfg. Co. (Laundry, Textile, Chip, Castile & Potash), 18th
Interstate Chemical Co. (Oil), 657 Garfield av.
Quaker Soap Co., 207 Provost
Seydel Mfg. Co., 88 Forrest
MILLVILLE—Daytons' Soap Mfg. Co.
NEWARK—Lyon John C.
National Oil & Supply Co. (Automobile), 174 Freylinghuysen av
Newark Soap Co.

NEW YORK.

ALBANY—Christian Bros. Soap Co., 42 Delaware av
BINGHAMTON—R. & G. Soap & Supply Co. (Toilet)
BUFFALO—Cataract Refining & Mfg. Co. (Oil)
Harris Soap Co., 18 Stetson
Hoefner A. & Sons (Laundry & Toilet), 160 Van Rensselaer
Larkin Company (Naptha, Laundry Scouring, Carbolic, Castile & Shaving), 663 Seneca
Lautz Bros. & Co.
Standard Oil Soap Co. (Oil & Medicinal), 880 Ellicott Sq
Windsor Soap Co., 963 William
COHOES—American Soap & Washoline Co.
ELMIRA—White J. Frank (Laundry)
FAIRPORT—Creamo Specialty Co.
GLEN COVE—Seaman Oil Co. (Automobile Oil)
LOCKPORT—Electric Smelting & Aluminum Co. (Alumina Soapalite Laundry Bar)
NEWBURGH—Granite City Soap Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Barnes Almond W., 32 Eagle
Gill Thos. Soap Co., 711 Kent av
Harral Soap Co. (All Kinds), 136 Havemeyer
Kirkman & Son, 215 Water
Long Island Soap Co., Bridgewater & Meeker av
Morgan Drug Co., 1512 Atlantic av
Pagnod A. & Sons (Castile), 250 46th
Pride of the Kitchen Co. (Scouring), 390 Smith
Quick-Kleen Soap Co., 191 Sanford
Rokeach I. & Sons, 345 Hewes
Thompson's Carbolic Soap Co. (Laundry, Toilet & Medicinal), 46 Eagle
Union Soap Co., 119 4th pl

Boroughs of Manhattan and Bronx.

NEW YORK—Ajax Oil & Grease Co. (Automobile), 170 W 65th
Altman B., 325 E 21st
American Cotton Oil Co. (Cottonseed, Fulling & Scouring), 65 B'way
Babbitt B. T. (Inc.), 11 Broadway
Bon Ami Co. (Selling Agents), (Scouring), 17 Battery pl
Clifton Chemical Co. (Liquid), 317 Greenwich
Cromwell R. A. Mfg. Co. (Liquid), 303 E 29th
Daggitt's Wm. H. Sons (Laundry & Soap Chips), 383 W 12th
Daland & Company, 203 W Broadway
Devillers Soap Co. (Liquid & Automobile Oil), 95 Cliff
Empire Soap Co. (Laundry), 203 W Broadway
Fairbank N. K. Co., 26 Beaver (see Chicago, Ill.)
Farr Mfg. Co., 150 Nassau
Frank P. M. Disinfecting Co., 91 Bleecker
Gardner & Co. (Hand), 222 E 34th
Janvier Walter, 417 Canal
Jergens Andrew Co. (Toilet), 599 B'way
Kirk Jas. S. & Co. 203 W Broadway (See Chicago, Ill.)
Kolisch J. & Son (Laundry), 512 E 76th
Larkin Company, 200 5th av (See Buffalo, N. Y.)
Lockwood, Brackett & Co. (Castile & Olive Oil), 949 B'way. (See Boston, Mass.)
Manhattan Soap Co. (Toilet), 426 W 38th
May M. W. Company (Laundry), 104 E 126th
Moore Bros. Co. (Leaf & Toilet), 288 Greenwich
Morgans' Enoch Sons Co. (Laundry, Sapolio & Hand Sapolio), 439 West
Mulhens & Kropff (Fancy), 25 W 45th
National Oil Co., 17 Battery pl
New York Soap Works (Laundry), 427 W 13th
Oil & Grease Co. (Automobile), 261 B'way
Packer Mfg Co. (Liquid & Tar), 81 Fulton
Penn Soap Co. 90 W Broadway (See Lancaster, Pa.)
Procter & Gamble Distributing Co. 100 Broad (See Cincinnati, O.)
Robertson Vanco Co. (Paste), 103 Park av
Saponel Chemical Co. (Hand), 1916 Park av
Scourene Mfg. Co. (Laundry), 539 W 39th
Soapitor Company (For Soapitors), 154 W 14th
Specification Soap & Oil Co. (Automobile, Textile, Liquid, Shampoo, Base Disinfectants), 427 W 13th
Stanley James (Laundry), 640 W 30th
Stanley John T. (Hand), 642 W 30th
Utility Company (Hand & Liquid), 636 W 44th
Williams J. B. Co. (Shaving & Toilet), 31 W 4th

Borough of Queens.

LONG ISLAND CITY—Domestic Soap Mfg. Co. (Scouring), 113 6th

(End of New York City.)

NORTH TONAWANDA—Farr Mfg. Co.
ROCHESTER—Puritan Soap Co. (Liquid), 496 Exchange
Tatlock Brothers (Hand)
Zonneyville M. J.
ROME—Rome Soap Mfg. Co.
SYRACUSE—Finn George M., 427 E Water

OHIO.

AKRON—Akron Soap Co. (Laundry & Toilet)
CANTON—Hygienic Products Co.
CINCINNATI—American Soap Co., 1986 Plum
Cincinnati Soap Co. (Toilet, Bath, Shaving, Glycerine & Medicinal), Spring Gov. & Clifton avs, Wm. pl
Dock Wm. & Co. (Toilet), 2144 Colerain av
Eagle Soap Co., Cooper & Turill Cum.
Fischer Henrich Co., 2715 Colerain av
Franklin Soap Co., 516 Reading
Fry Brothers & Co. (Soap Chips), 111 E Canal
Globe Soap Co. (Borax Powdered), United Bank bldg
Hunnewell Soap Co. (Oil), 312 Genessee
Jergens Andrew Co., Spring Grove av
Jones R. A. & Co., 15th & Kendall
Procter & Gamble, Gwynne bldg

OHIO—Cincinnati—continued
Remmers Soap Co. (Peroxide, Vegetable Oil, Toilet, Sulphur, Glycerine, Tar, Castile, etc), 2261 Spring Grove av
Ryan Soap Co., 2643 Spring Grove av
Snyder T. H. & Co., 8 E 3d
Werk M. Company, Murray rd, St. Bernard
CLEVELAND—Buchan Soap Co., 988 Hume av N W
Central Soap Mfg. Co. (Carbolic Castile, Wire Drawers, 2671 E 75th
Chemical Supply Co. (Liquid), 2450 Canal
Cuyahoga Rendering & Soap Works, Denison av S W
Energine Refining & Mfg. Co. (Lo Soap), 242 Arcade
Great Western Oil Co., 2846 E 37th
National Refining Co. (Linseed Oil), Parker Refining Co. (Automobile), 1307 W 11th
Phoenix Oil Co. (Liquid), 2554 W 5th
Pioneer Mfg. Co. (Liquid & Linseed Oil), Harvard av & E 103rd
Schwarz S. A. Oil Co., 57 Wade bldg.
Visco Motor Oil Co., 2104 Superior av, N W
COLUMBUS—Janton Geo. & Sons Co., 272 W Mound
Moore Oil Co., 683 Cleveland av
Ross Thos. & Bros. Soap Co. (Laundry & Toilet), N Mound & River
Yeazell-Goldstein Co. (Hand)
DAYTON—Beaver Soap Co. (Pine Tar)
Davies Young Soap Co.
Fansher Brothers
Hewitt Bros. Soap Co.
Pioneer Tar Soap Co.
Wolf Creek Soap Works
GREENVILLE—U. S. Chemical Co. (Toilet & Liquid)
HAMILTON—Smith E. A. (Oil)
IRONTON—Wiehle Bros. Soap Works
MANSFIELD—Frietchen Edward & Bro.
MARIETTA—Northwestern Chemical Co. (Hand, Liquid & Pumice)
NEWARK—Newark Tallow Co.
NEW RICHMOND—Talley Co. (Liquid)
SANDUSKY—Musson J. W.
TIFFIN—Eidt George M.
TOLEDO—Thompson & Chute Soap Co., 213 Lucas
UPPER SANDUSKY—Cosmo Buttermilk Soap Co. (Toilet)
YOUNGSTOWN—Akron Soap Co. (Laundry & Toilet)

OREGON.

PORTLAND—Luckel King & Cake Soap Co., 642 Hood
Mt. Hood Soap Co., 108 N 4th

PENNSYLVANIA.

CHAMBERSBURG—Gerbig J. C. & Son
COLLINGDALE—Mione Mfg. Co. (Grit Hand)
CONSHOHOCKEN—Getz There Soap Co.
FRANKLIN—Sibley Soap Co.
HARRISBURG—Sieber F. C.
LANCASTER — Pennsylvania Soap Co. (Toilet & Laundry)
LEBANON—Lessley A. L.
Shucker & Shindel
McKEESPORT—Gordon R. W. & Co.
PHILADELPHIA—Bates Howard M., 1140 Fairmount av
Day & Frick, 1760 N Howard
Dobbins Soap Mfg. Co. (Laundry), 119 S 4th
Enterprise Mill Soap Works, 2229 N 12th
Fairbank N. K. Co. (See Chicago, Ill.)
Fels & Company (Laundry), 73rd & Woodland av
Fox Charles J. (Textile), 313 S Philip
Gartside's Iron Rust Soap Co., 4054½ Lancaster
Good James (Carbolic, Disinfectants, Fish & Palm Oil), 939 N Front
Hamilton Robt. & Son, 709 Tasker
Harding H. C. (Mill), W 17th
Harding & Fancourt (Olive, Fig, Palm & White Tallow), 516 S Delaware
Jones Charles Dorrance (Automobile & Cleaning), 429 Locust
Laurel Soap Co., 1528 Franford av
Lautz Bros. & Co., 13 S Front. (See Buffalo, N. Y.)
List J. & Son, 1776 N Hancock
Modoe Company, Fernwood
Procter & Gamble Distributing Co. Bourse. (See Cincinnati, O.)
Rath Mfg. Co. (Hand & Liquid), Hedley, E of Richmond
Scholler Bros. Co. (Olive, Tallow, Palm & Chipped), 3301 Amber
Stanley John T., Green & Del. (See New York City)
Tomson P. C. & Co., 29 Washington av
Tully James J., 179 Master
Vacuum Soap Co., 180 Oxford
Wrigley Mfg. Co., Bourse
Young C. W. & Co., 1247 N 26th
PITTSBURGH—Colgate & Co. (See New York City)
Fairbank N. K. Co., May bldg. (See Chicago, Ill.)
Falck F. L. & Co., 1400 High
Globe Soap Co., 1204 Penn av. (See Cincinnati, O.)
Hasley Geo. & Sons, 1540 East
Kirk Jas. S. & Co., Wabash bldg
Procter & Gamble Distributing Co. (See Cincinnati, O.)
Staab G., 54 Royal
Strunz S. & Son (Special, also Liquid Soft & Laundry), 708 Bingham
Walker W. & H., Herrs Island
READING—Miller F. K.
SCRANTON—Greenberg Chas. F.
SHARPSBURG—Williams Joseph Co.
WARREN—Warren Specialty Co. (Chip)

RHODE ISLAND.

EAST GREENWICH—Farrington W. U. (Estate of)
HUGHESDALE—Bradford Soap Works
NEWPORT—Jones E. D. & Son
PAWTUCKET—Draper J. O. Co.
Perry Oil Co.
PROVIDENCE—Harris A. W. Oil Co. (Motor Car), 326 S Water
Kendall Mfg. Co., 90 Friendship
Miley Soap Co.
Miller Mfg. Co., 668 Eddy
WOONSOCKET—Standard Soap Mfg. Co.

TENNESSEE.

CHATTANOOGA—Scholze E. W.
NASHVILLE—Enterprise Soap Works

TEXAS.

DALLAS—Armstrong Packing Co.
HOUSTON—Houston Soap Works
SAN ANTONIO—Dietrich J. & Co. (Cottonseed Oil)
Lange Soap Co. (Laundry)

UTAH.

SALT LAKE CITY—Utah Soap Co.

VERMONT.

BENNINGTON—Adams Enos Co. (Mineral Soap Crystals & Hand Paste)
BURLINGTON—Hough H. H.

WASHINGTON.

SEATTLE—Bernard W. J.
Riebe Green Soap Co. (Vegetable Green, Automobile, Liquid & Hand)
SPOKANE—Western Soap Co. (Ltd.)

WISCONSIN.

APPLETON—Heinskill John
GREEN BAY—Green Bay Soap Co. (Laundry)
MADISON—Kailen M. & Son
MILWAUKEE—Babbitt B. T. (Inc.) (See New York City)
Crystal Soap Co. (Toilet), 60 5th
Hansen John & Sons, 824 30th
Johnson B. J. Soap Co. (Laundry, Toilet, "Morax," Pumice, Textile, Tar & Shaving), 42 4th
Kirk James S. & Co., 727 46th
Lavo Company, 48 7th
Milwaukee Soap Co., 539 2nd av
Wadham's Oil Co. (Liquid, Toilet, Oil & Drilling), National Bank bldg.
SHEBOYGAN—Rexine Co. (Toilet)

13803—Soap (Automobile Oil)

Ajax Oil & Grease Co., 170 W 65th, New York
Buck E. & A. Co. ("Powers"), Worcester, Mass.
Cataract Refining & Mfg. Co. ("Cascade"), Buffalo, N. Y.
Chemical Supply Co., 2450 Canal rd, Cleveland, Ohio
Cortland Specialty Co., Cortland, N. Y.
Davies Young Soap Co. ("Buckeye" Cleanser), Dayton. O.
Devillers Soap Co. ("National"), 95 Cliff, New York
Eavenson J. & Sons, Camden, N. J.
Flash Chemical Co. ("Flash Vegetal"), 160 2d, Cambridge, Mass.
Hollingshead R. M. Co. ("Whiz"), Camden, N. J.
Hoosier Mfg. Co. ("Knoxall"), 45 S Cruse, Indianapolis, Ind.
Houghton E. F. & Co. ("Houghton"), 240 W Somerset, Phila., Pa.
India Alkali Works ("Shield"), 28 India Wharf, Boston, Mass.
International Metal Polish Co. ("Blue Ribbon"), Quill & Belt Ry, Indianapolis, Ind.
Monahan Antiseptic Co., 166 N Curtis, Chicago, Ill.
National Oil & Supply Co. ("Viscos"), 174 Frelinghuysen av, Newark, N. J.
National Soap Co. ("Auto King"), 440 Franklin, Detroit, Mich.
Oil & Grease Co. ("O & G"), 261 B'way, New York
Parker Refining Co., Cleveland, Ohio
Puritan Soap Co. ("Puritan"), 496 Exchange, Rochester, N. Y.
Riebe Green Soap Co., Seattle, Wash.
Seaman Oil Co., Glen Cove, N. Y.
Sibley Soap Co., Franklin, Pa.
Specification Soap & Oil Co., 427 W 13th, New York
Stockxylite Grease & Oil Co., Port Huron, Mich.

13804— Soap Bark

Hillier's R. Son Co. (Imp), 100 William, New York

13805— Soap (Castor Oil)

Bosson & Lane, Atlantic, Mass.

13806—Soap Dispensers (Liquid)

Antiseptol Liquid Soap Co. ("Antiseptol"), 564 W Randolph, Chicago, Ill.
Clifton Chemical Co., 317 Greenwich, New York
Flash Chemical Co. ("Flash"), 160 2d, Cambridge, Mass.
Garnet Geo. H. Co., Allentown, Pa.
Hillyard Mfg. Co., St. Joseph, Mo.
MORRILL CHAS. ("Soapburn" & "Apex," for All Purposes), 100 Lafayette, New York. *See adv index at end of book*

The Soapurn is an economical, sanitary liquid soap dispenser made in a variety of sizes and styles, and is a necessity in every washroom. Extensively used in public offices and factories.
Chas. Morrill
100 Lafayette St.
New York

Rochester Germicide Co., Rochester, N. Y.
Smithereen Co., 4523 Cottage Grove av, Chicago, Ill.
Soapitor Co., 154 W 14th, New York
West Disinfecting Co., 411 5th av, New York

13807— Soap (Green)

Columbus Chemical Co. ("High Grade," for Woodwork & Floors), 3725 Langley av, Chicago, Ill.

13808— Soap (Hand)

Adams Enos Co., Bennington, Vt.
Bobrick Chemical Co., 117 S Garey, Los Angeles, Cal.
Bosson & Lane (Para Oil), Atlantic, Mass.
Byram Mfg. Co., 373 Washington, Boston, Mass.
California Soap Co., 2437 E 9th, Los Angeles, Cal.
Climax Cleaner & Mfg. Co., Cleveland, O.
Colgate & Co., 105 Hudson, Jersey City, N. J.
Davies, Young Soap Co. ("Whiz"), Dayton, O.
Diana Oil & Grease Co., 554 Hamilton av, Brooklyn, N. Y.
Durkee-Atwood Co., 711 N 3rd, Minneapolis, Minn.
Eastern Supply Co., 2 Canterbury, Worcester, Mass.
Eavenson J. & Sons, Camden, N. J.
Ericka Mfg. Co., Springfield, Mass.
Flash Chemical Co. ("Flash"), 160 2d Cambridge, Mass.
Git Mfg. Co. ("Git" & "Mechanics Pride"), Westfield, Mass.
Hall-Thompson Co., Hartford, Conn.
Harrah & Stewart Mfg. Co. ("Thumbs"), Des Moines, Ia.
Harral Soap Co., 136 Havemeyer, Brooklyn, N. Y.
Hollingshead R. M. Co. ("Krystal Soiloff," "Washeasy"), Camden, N. J.
International Metal Polish Co. (Cold Cream"), Quill & Belt Ry, Indianapolis, Ind.
International Supply Co. ("Everybody's"), 2d & Bent, Cambridge, Mass.
Jergens Andrew Co. ("Jergens" Pumiss), 599 B'way, New York
Johnson B. J. Soap Co., 42-4th, Milwaukee, Wis.
Kleno Mfg. Co., N Weymouth, Mass.
Mione Mfg. Co. ("Mione"), Collingdale, Pa.
Modoc Co., Fernwood, Pa.
Monahan Antiseptic Co., 166 N Curtis, Chicago, Ill.
National Soap Co., 440 Franklin, Detroit, Mich.
Northwestern Chemical Co. ("Norwesco"), Marietta, O.
Orona Mfg. Co., 224 Milk, Boston, Mass.
Puritan Soap Co., 496 Exchange, Rochester, N. Y.
Rath Mfg. Co. ("Fingarbrite"), Hedley E of Richmond, Phila., Pa.
Rexine Co., Sheboygan, Wis.
Robertson Vanco Co. ("Vanco" Paste), 103 Park av, New York.
Saponol Chemical Co., 1916 Park av, New York
Skat Co. ("Skat"), Hartford, Conn.
Stanley John T., 642 W 30th, New York
Tatlock Bros. ("Tats Grip"), Rochester, N. Y.
Utility Co. ("Gresolvent"), 636 W 44th, New York
Van Cleef Bros., 7711 Woodlawn av, Chicago, Ill.
Waltke Wm. & Co., Grand av & 2nd, St. Louis, Mo.
Weller H. P. Supply Co., Erie, Pa.
White & Bagley Co., Worcester, Mass.
Winn Wm. R. ("Clean Easy"), 488 Cherry, New York
Yeazell-Goldstein Co. ("Shidoo" Paste), Columbus, O.

13809— Soap (Harness)

Colgate & Co., 105 Hudson, Jersey City, N. J.
Fiebing Chemical Co. ("Fiebing's"), 240 Reed, Milwaukee, Wis.
Frazer Lubricator Co. ("Frazer"), 3921 Normal av, Chicago, Ill.
Hollingshead R. M. Co. (Castile Cream, etc; also Saddle Soap), Camden, N. J.
Miller Frank Co., 349 W 26th, New York
Moore Oil Co. (For Jobbing Trade Only), York & McLean av, Cincinnati, O.
Sinclair Refining Co. ("Four Bros.), Albany, N. Y.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York
Stevens Grease & Oil Co. (For Jobbing Trade Only), E 79th & Avrina av, Cleveland, O.

13810— Soap (Linseed Oil)

American Oil Corp. ("Advance") Jackson, Mich.
Am. Zinc Products Co., Greencastle, Ind.
Baum's Castorine Co., Rome, N. Y.
Chemical Supply Co., 2450 Canal rd, Cleveland, Ohio
Climax Refining Co. ("Bull Dog"), Williamson bldg, Cleveland, O.
Climax Western Oil Co. ("Bull-Dog"), 2824 10th av, S Minneapolis, Minn.
Great Western Oil Co., 2846 E 37th, Cleveland, Ohio
India Alkali Works ("Shield"), 28 India Wharf, Boston, Mass.
McLean-Jones Oil & Supply Co. ("Swastika"), 40 India Wharf, Boston, Mass.
Modoc Co. (Soft Soap), Fernwood, Phila., Pa.
Moore Oil Co. (For Jobbing Trade Only), York & McLean av, Cincinnati, O.
Pioneer Mfg. Co. ("Shino"), Harvard av & E 103rd, Cleveland, O.
Sherwin-Williams Co. ("Flaxoap"), Cleveland, O.
Sinclair Refining Co., ("U-Au-To"), Albany, N. Y.
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York

13811— Soap (Liquid)

Alcatraz Co., Inc., 3200 Williamsburg av, Richmond, Va.
Antiseptol Liquid Soap Co. ("Antiseptol"), 564 W Randolph, Chicago, Ill.
Autozone Chemical Co., 32 Old slip, New York
Banner Chemical Co., Denver, Col.
Baum Bros. Co., Denver, Colo.
Bonyata Chemical Co. ("Del-Luzon" Brand), Grinnell, Ia.
Carpenter W. D. Co., Syracuse, N. Y.
Cedaroleum Co., Perkinsville, Vt.
Chemical Supply Co., 2450 Canal rd, Cleveland, Ohio
Clifton Chemical Co., 317 Greenwich, New York
Climax Refining Co. (Toilet), Williamson bldg., Cleveland, Ohio
Colgate & Co., 105 Hudson, Jersey City, N. J.
Cortland Specialty Co., Cortland, N. Y.
Cromwell R. A. Mfg. Co. ("Sphinx"), 303 E 29th, New York
Fischer Heinrich Co. ("Latheroil"), 2715 Colerain av, Cincinnati, O.
Flash Chemical Co. ("Flash"), 160 2d Cambridge, Mass.
Fort Pitt Chemical Co. ("Fort Pitt"), 14th & Etna, Pittsburgh, Pa.
Garnet Geo. H. Co., Allentown, Pa.
Hillyard Mfg. Co., St. Joseph, Mo.
Hollingshead R. M. Co. ("Whiz" Toilet), Camden, N. J.
Hygenol Co. ("Hygenol"), 2837 Henn, Minneapolis, Minn.
Johnson B. J. Soap Co., 42 4th, Milwaukee, Wis.
Martin Chemical Co., Indianola, Pa.
Northwestern Chemical Co. ("Klensol"), Marietta, O.
Ohio Chemical Co., Findlay, Ohio
Packer Mfg. Co. ("Packers" Tar), 81 Fulton, New York
Phoenix Oil Co., 2254 W 5th, Cleveland, O.
Pioneer Mfg. Co. ("Shino"), Harvard av & E 103rd, Cleveland, O.
Puritan Soap Co. ("Puritan"), 496 Exchange, Rochester, N. Y.
Rath Mfg. Co., Hedley, E of Richmond, Phila., Pa.
Riebe Green Soap Co., Seattle, Wash.
Robertson Thos. B. Products Co. ("Triumph"), 700 W Division, Chicago, Ill.
Rochester Germicide Co., Rochester, N. Y.
Saniform Co., 141 W 36th, New York
SANITARY PRODUCTS CORP. ("Soapolin"—a Good Liquid Soap), Philadelphia, Pa.
Saponol Chemical Co., 1916 Park av, New York
Sibley Soap Co., Franklin, Pa.
Specification Soap & Oil Co., 427 W 13th, New York
Strunz S. & Son, 708 Bingham, Pittsburgh, Pa.
U. S. Chemical Co., Greenville, O.
Vestal Liquid Soap & Disinfectant Co. ("Vestal"), 1121 Pine, St. Louis, Mo.
Waldham's Oil Co., Natl. Bank bldg, Milwaukee, Wis.
Walton F. S. Co. ("Victoria"), Orthodox & Del., Phila., Pa.
West Disinfecting Co., 411 5th av, New York

13812— Soap Powders

Colgate & Co., 105 Hudson, Jersey City, N. J.
Standard Chemical & Supply Co., 172 2d, East Cambridge, Mass.
VERA CHEMICAL CO., North Milwaukee, Wis.; Stoneham, Mass.; Burlington, Ontario, Canada

13813— Soap Stock

American Cotton Oil Co., 65 Broadway, New York

13814—Soap (Vegetable Oil)

Columbia Refining Co. ("Amberzo"), 90 West, New York
Harral Soap Co. (For Metal Spinners, etc), 136 Havemeyer, Brooklyn, N. Y.
Hoosier Mfg. Co. ("Knoxall"), 45 S Cruse, Indianapolis, Ind.
Remmers Soap Co., 2261 Spring Grove av, Cincinnati, O.
Riebe Green Soap Co., Seattle, Wash.
Robertson Theo. B. Products Co., Inc., ("20 Century"), 700 W Division, Chicago, Ill.

13815— Soap (Whale Oil)

Royal Chemical Co., Phoenix, R. I.
Swan & Finch Co., 165 B'way, New York

13816—Soapmakers' Supplies

Adams Fred C. Co. (Caustic Soda & Soda Ash), 234 S LaSalle, Chicago, Ill.
Elbert & Company (Imp.), 71 Wall, New York
International Silica Co., Cairo, Ill.
Tweedy Co. (Jobbers, etc.) 24 California, San Francisco, Cal.

13817— Soapstone

Alberene Stone Co. (Quarries), 223 E 23d, New York
American Mineral Co., Johnson, Vt.
Arkansas Soapstone Refractories Co., Little Rock, Ark.
Bull Run Talc & Soapstone Co. ("Redoxo"), Clifton Station, Va.
CHRYSTAL CHARLES B., 13 Cliff, New York. *See adv index at end of book*
Cohutta Talc Co. (Foundry Facings, Crayons, Pencils, etc), Dalton, Ga.
Daniels Willard B. (Imp.), 252 Front, New York
Doggett Stanley (Brick, Foundry Facings, etc), 11 Cliff, New York
Dolge C. B. Co., Westport, Conn.
Dunn & Kruse (Imp), 63 Park Row, New York
Fuller, Ralph L. & Co., Inc., 2 Rector, New York. *See adv index at end of book*
Hammill & Gillespie, 240 Front, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York and Philadelphia
New England Quartz Co. of N. Y. (Powdered), 107 William, New York
Phoenix Soapstone Co., 71 Murray, New York
Product Sales Co. (Miners), 32 So Calvert, Baltimore, Md.
Talc Products Co., 11 Pine, New York
Troy Bros. & Co., 975 Massachusetts av, Rox, Boston, Mass.
Union Soapstone Co., 14 Marshall, Boston, Mass.
Virginia Soapstone Co. (Kitchen Sinks, Laundry Tubs, Slabs, Hearths, etc), Schuyler, Va.
WILLIAMS C. K. & CO., Easton, Pa.

13818— Soapstone for Electrical Work

Alberene Stone Co., 223 E 23d, New York
Doggett Stanley, 11 Cliff, New York
Old Dominion Soapstone Corp., Esmont, Va.
Phoenix Soapstone Co., 71 Murray, New York
Walls, Owen & Stambach Co., 11th & Hamilton, Phila., Pa.

Soapstone for Lubricants

See Soapstone, Powdered or Dust

Soapstone (Ground)

See Soapstone, Powdered or Dust

13819—Soapstone (Powdered or Dust)

American Mineral Co., Johnson, Vt.
American Soapstone Finish Co., Chester Depot, Vt.
Atlas Mineral Products Co., Lincoln, N. J.
Doggett Stanley, 11 Cliff, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York and Philadelphia
McIlvaine Bros., 1500 Hamilton, Phila., Pa.
Salomon L. A. & Bro. (Powdered), 216 Pearl, New York
Smith Facing & Supply Co., Carter rd, Cleveland, Ohio

13820—Socket Bushing (Rubber)

Goodrich B. F. Co., Akron, O.
Republic Rubber Co., Youngstown, O.

13821— *Socket Linings

DELAWARE HARD FIBRE CO. (Fibre), Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*

13821a—*Sockets (Auto, One-Man Bow)

CRANDAL, STONE & CO. Division, The Brewer-Litchener Corp. ("Pioneer"), Binghamton, N. Y.

13822— Sockets (Awning)

Wilcox, Crittenden & Co., Middletown, Conn.

13823— Sockets (Bow)

Am. Forging & Socket Co. (Automobile), Pontiac, Mich.
Ashtabula Bow Socket Co. (Leather Covered & Japanned), Ashtabula, O.
Cleveland Hardware Co., Cleveland, O.
Cortland Forging Co. ("Ajax"), Cortland, N. Y.
Crandel, Stone & Co. Division, The Brewer-Titchener Corp. ("Pioneer"), Binghamton, N. Y.
Detroit Forging Co., 120 Mt. Elliot av, Detroit, Mich.
Detroit Socket Co., Detroit, Mich.
General Drop Forge Co., Buffalo, N. Y.
Metal Stamping Co., 13th, Long Island City, N. Y.
Mossman, Yarnelle & Co. (Wood, for Auto & Carriage), Fort Wayne, Ind.
Owensboro Forging Co. (Steel), Owensboro, Ky.
Scherer H. & Co. (Leather Covered & Steel), Detroit, Mich.
Woodruff Walter W. & Sons Co., Mt. Carmel, Conn.

13823a—*Sockets (Candelabra, Fibre & Brass)

MORSE FRANK W. (Candelabra, Minature & Ediswan), 289 Congress, Boston, Mass. *See adv index at end of book*

13824— Sockets (Chair)

Berbecker & Rowland Mfg. Co., Waterville, Conn.

13825—Sockets (Curtain Pole & Rod)

Brocks A. S. Rubber Co., 57 Broad, Boston, Mass.
Bryant Elec. Co., 1421 State, Bridgeport, Conn.
Chicago Electric Mfg. Co., 2817 S Halsted, Chicago, Ill.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Turner & Seymour Mfg. Co., Torrington, Conn.

13826— Sockets (Die)

Cleveland Steel Tool Co., Cleveland, O.

13827— Sockets (Drill)

Armstrong Bros. Tool Co. (Blacksmith), 339 N Francisco av, Chicago, Ill.
Billings & Spencer Co. ("B & S"), Hartford, Conn.
Clark Equipment Co. ("Celfor"), Buchanan, Mich.
Cleveland Twist Drill Co. ("Perfect Double Tang"), 1 E 49th, Cleveland, Ohio
Cole, Henry & Co., 54 Old Colony av, Boston, Mass.
Collis Co. (Standard Sleeves & Sockets), Clinton, Ia.
Conn. Tele. & Elec. Supply Co., 70 Britnia, Meriden, Conn.
Culver-Stearn Mfg. Co., 34 S Bridge, Worcester, Mass.
Detroit Twist Drill Co., 555 Fort, Detroit, Mich. *See adv index at end of book*
General Elec. Co., Schenectady, N. Y.
See adv index at end of book
Gibson-Hollister Mfg. Co., Springfield, Mass.
Harvard Elec. Co., 523 W Van Buren, Chicago, Ill.
Higginson-Gibson Mfg. Co. (Conn. Sockets), 76 Atherton, Boston, Mass.
Keystone Mfg. Co., Buffalo, N. Y.
Lancaster Machine & Knife Works, Lancaster, N. Y.
Manhattan Elec. Supply Co., 17 Park pl, New York *See adv index at end of book*
Metal Specialties Mfg. Co., 338 N Kedzie, Chicago, Ill.
Morse Frank W., 293 Congress, Boston, Mass.
Morse Twist Drill & Machine Co., New Bedford, Mass.
National Twist Drill & Tool Co. ("National," Taper Shank Sockets & Sleeves), Detroit, Mich.
New Process Twist Drill Co., Taunton, Mass.
Pratt & Whitney Co. (High Power), Hartford, Conn.
Reliable Elec. Co., 411 S Sangamon, Chicago, Ill.
SCULLY, JONES & CO., Railway Exch. bldg, Chicago, Ill.
See adv index at end of book
Union Twist Drill Co. (Steel Blank End, Morse Taper & Fitted), Athol, Mass.
Whitely Malleable Castings Co., Muncie, Ind.

13828—Sockets (Electric Lamp)

Arrow Electric Co. ("Arrow Forty" "Arrow Twenty"), Hartford, Conn.
Benjamin Electric Mfg. Co. (Rotating Counter-balanced), 128 S Sangamon, Chicago, Ill. *See adv index at end of book*
Bryant Electric Co., Bridgeport, Conn.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Federal Sign System (Electric), W Lake, Chicago, Ill.
Freeman E. H. Electric Co. ("Russell" Keyless), Trenton, N. J.
Johns H. W.-Manville Co. ("J-M" Weatherproof Keyless Moulded), Madison av & 41st, New York
National Metal Stamping & Mfg. Co., 494 Mulberry, Newark, N. J.
Paiste H. T. Co., 3201 Arch., Phila., Pa.
Pass & Seymour ("P. & S." Weatherproof), Solvay, N. Y.
Perkins Electric Switch Mfg. Co., Bridgeport, Conn.
Sears Henry D. ("Weber-Universal"), 80 Boylston, Boston, Mass.
Union Electric Co., Trenton, N. J.
Yost Electric Mfg. Co., Toledo, O.

13829—*Sockets (Electric Light)

CUTLER-HAMMER MFG. CO. (Brass Shell), 12th & St. Paul av, Milwaukee, Wis. *See adv index at end of book*

13830— Sockets (Flag Pole)

Durkee Chas. D. & Co., 2 South, New York
Marine Hardware Co., Peabody, Mass.
Nicol & Co., 218 N Jefferson, Chicago, Ill.
Wilcox, Crittenden & Co., Middletown, Conn.

13831—Sockets (Furniture Leg, Etc.)

Weber-Knapp Co. (Brass), Jamestown, N.Y.

13832— Sockets (Incandescent Lamp)

See also Sockets, Electric Lamp

Bryant Electric Co. ("New Wrinkle," "Wrinklet"), Bridgeport, Conn.
Crouse-Hinds Electric Co. ("Norbett" Weatherproof), Syracuse, N. Y.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Electric Supply Co. ("Hawkeye"), Sioux City, Ia.
GENERAL ELECTRIC CO. ("Double Catch" Metal Shell, Key, Keyless, Pull & Locking), Schenectady, N. Y.
See adv index at end of book
Hubbell Harvey (Pendant Chain Pull), Bridgeport, Conn.
Johns H. W.-Manville Co., Madison av & 41st, New York
Paiste H. T. Co., 3201 Arch, Phila., Pa.
Perkins Electric Switch Mfg. Co., Bridgeport, Conn.
Peru Electric Co., Peru, Ind.
Sears Henry D. ("Weber-Universal"), 80 Boylston, Boston, Mass.
Yost Electric Mfg. Co., Toledo, O.

13832a— Sockets (Ladder)

Arcade Mfg. Co. (Iron), Freeport, Ill.

13833— Sockets (Lathe)

Morse Twist Drill & Machine Co., New Bedford, Mass.
Union Twist Drill Co., Athol, Mass.

13834— Sockets (Lock)

Arrow Electric Co. ("Arrolock," also receptacles), Hartford, Conn.
Pass & Seymour ("Shurlok"), Solvay, N. Y.

13835—Sockets (Miniature Lamp)

Arrow Electric Co. ("Arrow E," also receptacles), Hartford, Conn.
Bryant Electric Co., Bridgeport, Conn.
Cutler-Hammer Mfg. Co., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Federal Sign System (Electric), 640 W Lake, Chicago, Ill.
GENERAL ELECTRIC CO. ("Double Catch"), Schenectady, N. Y.
See adv index at end of book
Hart & Hedgeman Mfg. Co., 342 Capital av, Hartford, Conn.
Interstate Electric Novelty Co. ("Franco"), 107 S 4th, Brooklyn, N. Y.
McCandless H. W. & Co., 406 W 31st, New York
Mitchell Vance Co., 507 W 24th, New York
Pass & Seymour, Solvay, N. Y.
Waldman John J., 136 Liberty, New York

13836— Sockets (Peavey)

American Logging Tool Co., Evart, Mich.

13837— *Sockets (Porcelain)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
GENERAL ELECTRIC CO. ("Double Catch" Key & Keyless), Schenectady, N. Y. *See adv index at end of book*

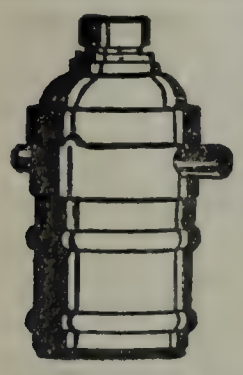
13838—Sockets (Pump Rod)

Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Johnson E. E., St. Paul, Minn.

When writing to firms listed in this book please, mention HENDRICKS' COMMERCIAL RECISTER

13839— Sockets (Push)

CUTLER-HAMMER MFG. CO. (Push Button), 12th & St. Paul av, Milwaukee, Wis. *See adv index at end of book*



C-H PUSH SOCKETS

High capacity—660 watts —250 volts. Easy to operate—no rotary key. Neat in appearance. Self-locking ring for securing socket to fixture. Write for catalog.

The Cutler-Hammer Mfg. Co., 12th & St. Paul Ave. Milwaukee, Wis.

13840— Sockets (Regulating)

Anylite Electric Co., Ft. Wayne, Ind.
Knapp Mfg. Co., 48 Warren, New York
Pringle Electrical Mfg. Co. ("Ries"), 1906 N 6th, Phila., Pa.
Wirt Co. ("Dim-a-lite"), Germantown, Phila., Pa.

13841— Sockets (Special)

Federal Electric Co., 640 W Lake, Chicago, Ill.
GENERAL ELECTRIC CO. ("Double Catch"), Schenectady, N. Y., & 30 Church, New York
See adv index at end of book
Hubbell Harvey (Inc.), ("Hubbard," Pendant Chain Pull), Bridgeport, Conn.

13842— Sockets (Standard)

Arrow Electric Co. ("Arrowe"), Hartford, Conn.
Best Electric Co., Pittsburgh, Pa.
Bryant Electric Co. ("New Wrinkle"), Bridgeport, Conn.
Conn. Elec. Mfg. Co., Conn. av, Bridgeport, Conn.
Cutler-Hammer Mfg. Co., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Paiste H. T. Co. ("Holoshade"), 3201 Arch, Phila., Pa.
Pass & Seymour, Solvay, N. Y.
Perkins Electric Switch Mfg. Co., Bridgeport, Conn.
Sears Henry D. ("Weber-Universal"), 80 Boylston, Boston, Mass.
Union Elec. Co., Trenton, N. J.
Yost Electric Mfg. Co., Toledo, O.

13843—Sockets (Sucker Rod)

Bradford Supply Co., Warren, Pa.
Masseth Packer & Machine Works ("M. & B."), Butler, Pa.

13844—Sockets (Waterproof)

Arrow Electric Co. ("Arrow E."), Hartford, Conn.
BENJAMIN ELECTRIC MFG. CO. ("Benco"), 128 S Sangamon, Chicago, Ill.
See adv index at end of book
Best Electric Co., Vanadium bldg, Pittsburgh, Pa.
Bryant Electric Co. (Weatherproof), Bridgeport, Conn.
Connecticut Electric Mfg. Co., Bridgeport, Conn.
Crouse-Hinds Co. ("Norbitt" & "Conduletto" Porcelain), Syracuse, N. Y.
Dickinson Mfg. Co. (Mica), Springfield, Mass.
Federal Electric Co., 640 W Lake, Chicago, Ill.
Freeman E. H. Electric Co., Trenton. N. J.
Heineman Geo., 500 W Girard av, Phila., Pa.
Johns H. W.-Manville Co. (Moulded Mica), Madison av & 41st, New York
Mechanical & Electrical Mfg. Co., 2227 Prairie av, Chicago, Ill.
Newgard Henry & Co., 947 Wash. blvd, Chicago, Ill.
Paiste H. T. Co., 3201 Arch, Phila., Pa.
Pass & Seymour, Solvay, N. Y.
Sears Henry D. ("Weber-Universal"), 80 Boylston, Boston, Mass.
Siemon Hard Rubber Corp., Bridgeport, Conn.
Trumbull Electric Mfg. Co., Plainville, Conn.
Union Electric Co., Trenton, N. J.

Sockets (Weatherproof)

See Sockets, Waterproof

13845— Sockets (Whip)

Eberhard Mfg. Co., Cleveland, O.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Fernald Mfg. Co., North East, Pa.
Flint Specialty Co., Flint, Mich.
Landers Bros. Co., Toledo, O.
Racine Malleable & Wrought Iron Co., Racine, Wis.
Searls Mfg. Co., 29 Mulberry, Newark, N. J.

13845a—Sockets (Wire Rope)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Broderick & Bascom Rope Co. (Jobbers), Main & Douglas, St. Louis, Mo.
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Chicago Steel Foundry Co. ("Chicago," Crucible Cast Steel), **3701 S Kedzie av,** Chicago, Ill.
Keystone Drop Forge Works (Drop Forged), Chester, Pa.
Laughlin Thos. Co., Portland, Me.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
Lucey Manufacturing Corp., 233 B'way, New York
For branch offices see Alphabetical Section
Marine Hardware-Equipment Co. ("Acme" & "Mheco" Drop Forged), So Portland, Me.
MOON GEO C. CO. ("Crescent"), Garwood, N. J.
See adv index at end of book
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
ROEBLING'S JNO. A. SONS CO. ("Roebling"). Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Terry & Tench Co., 70 E 45th, New York
Trow & Holden Co., Barre, Vt.
Wilcox, Crittenden & Co., Middletown, Conn.
Williams J. H. & Co. ("Vulcan" Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

13845b— Sockets (Wood)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

13846—*Sockets & Receptacles (Candelabra)

GENERAL ELECTRIC CO. ("Double-Fluted", "Multi-Catch"), Schenectady, N. Y. *See adv index at end of book*

13847—Socks (Lumbermen's)

Adler Underwear & Hosiery Mfg. Co., Harrison & Queen City avs, Cincinnati, O.
Alpena Woolen Mills, Alpena, Mich.
Berlin Knitting Co., Bangor, Me.
Bornemann Ed., St. Peter, Minn.
Chicago Hosiery Co., 565 Michigan av, Detroit, Mich.
Clare Knitting Mills, Saginaw, Mich.
Consolidated Knitting & Spinning Mills, Reading, Pa.
Cook Jonas M., Somerset, Pa.
Cooper, Wells & Co., St. Joseph, Mich.
Detroit Alaska Knitting Mills, 575 Michigan av, Detroit, Mich.
Fead John L. & Sons, Port Huron, Mich.
Forest City Woolen Mills Co., Cleveland, O.
Fox River Valley Knitting Co., Appleton, Wis.
Frankenmuth Woolen Mill Co., Frankenmuth, Mich.
Gloversville Knitting Co., Gloversville, N. Y.
Hand Knit Hosiery Co., Sheboygan, Wis.
Hollywood Mfg. Co., Hollywood, W Va.
Inland Knitting Works, Green Bay, Wis.
La Crosse Knitting Works, La Crosse, Wis.
Mishawaka Woolen Mfg. Co., Mishawaka, Ind.
National Knitting Co., 905 Clinton, Milwaukee, Wis.
New Albany Hosiery Mills, New Albany, Ind.
Portage Hosiery Co., Portage, Wis.
Rich John & Bros., Woolrich, Pa.
Ripon Knitting Works, Ripon, Wis.
Soo Woolen Mills, Sault Ste Marie, Mich.
Wood H. H. & Co., Lakeport, N. H.

13848-9— Soda Ash

Adams Fred C. Co., 234 S La Salle, Chicago, Ill.
Alexander G. S. & Co., Inc. (Brokers), 61 B'way, New York
See adv index at end of book
American Chemical Co., 640 Carr, Cincinnati, O.
Breslauer A. (Industrial Chemicals), American Nat'l Bank bldg, San Francisco, Cal.
Butterworth-Judson Co., Passaic River, Newark, N. J.
Clark Fred G. Co. (For Wholesale Trade Only), 1081 W 11th, Cleveland, O.
Columbia Chemical Co., Pittsburgh, Pa.
C. P. N. CHEMICAL CO., INC., 78 Reade, New York & 231 W Huron, Chicago, Ill.
Diamond Alkali Co., 1st Nat'l Bank bldg, Pittsburgh, Pa.
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
Hacke M. C. (Mer.), 144 California, San Francisco, Cal.

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Heil Henry Chemical Co. (Imp.), St. Louis, Mo.
Hill's Edward Sons & Co. (Agents Mich. Alkali Co.), 64 Wall, New York
Horstmann John Co., 685 Bryant, San Francisco, Cal.
Innes, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*
Johnson A. W. V., Merchants Exchange, San Francisco, Cal.
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Mathieson Alkali Works ("Eagle" & "Thistle" Brand), 53 Canal, Providence, R. I.
Mechling Bros. Mfg. Co., Camden, N. J.
Michigan Alkali Co., Wyandotte, Mich.
Miller Jos. B., Finance bldg, Phila, Pa.
Morton Salt Co., 80 E Jackson blvd, Chicago, Ill.
Partola Mfg. Co., 160 2d av, New York
Penna. Salt Mfg. Co., Widener bldg, Phila., Pa.
Riker J. L. & D. S. (Imp.), 19 Cedar, New York
Solvay Process Co., Syracuse, N. Y.
Vera Chemical Co., No. Milwaukee, Wis. Stoneham, Mass., Burlington, Ont., Canada
Welch, Holme & Clark Co., 383 West, New York
Wiarda John C. & Co. (Jobbers, 148 58 per cent.), 273 Greene, Brooklyn, N. Y.
Wing & Evans (Selling Agents), 22 William, New York
Wolf Jacques & Co. (Selling Agents), Passaic, N. J.

Soda (Bi-Carbonate)

See Sodium Bicarbonate

Soda (Bichromate & Fluoride)

See Sodium Bichromate; also Sodium Fluoride

Soda (Bisulphate)

See Sodium Bisulphate

13850— Soda (Caustic)

See also Caustic Soda

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Soda (Hydrosulphite)

See Sodium Hydrosulphite

13851—Soda Recovery Plants

International Process Co. ("Carlson"), 5 Beekman, New York
Newhall Geo. M. Engng. Co. (Engines for Complete Plants), Commercial Trust bldg, Phila., Pa.

13852-3— Soda (Selenate)

Drakenfeld B. F. & Co. (Imp.), 50 Murray, New York

Soda (Trisodium Phosphate)

See Sodium Tri-Phosphate

13854—Sodium Acetate (Acetate of Soda)

Anderson Chemical Co., Wallington, N. J.
C. P. N. CHEMICAL CO., INC., 78 Reade, New York & 231 West Huron, Chicago, Ill.
Du Pont Chemical Works, 120 B'way, New York
General Chemical Co., 25 Broad, New York
Grasselli Chem. Co. (Brown & White), Guardian bldg, Cleveland, Ohio
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Merrimac Chemical Co., 148 State, Boston, Mass.

13854a— Sodium Arsenate

Shaw John & Co., 15 Elkins South, Boston, Mass.
Virginia Consolidated Chemical Corp., 100 Broadway, New York

Sodium Benzoate

See Benzoate of Soda

13854b—Sodium Bicarbonate

See also Bicarbonate of Soda

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

13854c— Sodium Bichromate

Adams Fred C. Co., 234 S La Salle, Chicago, Ill.
C. P. N. CHEMICAL CO., INC., 78 Reade, New York & 231 West Huron, Chicago, Ill.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Natural Products Refining Co., 902 Garfield av, Jersey City, N. J.
Partola Mfg. Co., 160 2nd av, New York

13854d—Sodium Bi-Fluoride

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

13854e— Sodium Bisulphate

Butterworth-Judson Corp., 61 Broadway, New York
Fuller Ralph L. & Co., Inc., 2 Rector, New York. *See adv index at end of book*
Harshaw Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Wolf Jacques & Co., Passaic, N. J.

13854f— Sodium Bisulphite

See also Bisulphite of Soda

Avery Chemical Co., 88 Broad, Boston, Mass.
Butterworth-Judson Corp., 61 B'way, New York
General Chemical Co., 25 Broad, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Mechling Bros. Mfg. Co., Camden, N. J.
Merrimac Chemical Co., 148 State, Boston, Mass.

13855— Sodium Bromide

Dow Chemical Co. (Granular), Midland, Mich.
Halogen Chemical Co., Bay City, Mich.

13855a—Sodium Carbonate

See also Sal Soda

Fuller Ralph L. & Co., Inc., 2 Rector, New York. *See adv index at end of book*

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Sodium Carbonate Anhydrous

See Soda Ash

Sodium Carbonate Chrystal

See Sal Soda

13855b— Sodium Chlorate

C. P. N. CHEMICAL CO., INC., 78 Reade, New York & 231 West Huron, Chicago, Ill.
Jackson John J. Co., 158 Astor, Newark, N. J.
Miller Jos B., Finance bldg, Phila., Pa.
North American Chemical Co., Bay City, Mich.
Roessler & Hasslacher Chemical Co., 100 William, New York

13855c— Sodium Cyanide

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

13855d— Sodium Fluoride

C. P. N. CHEMICAL CO., INC., 78 Reade, New York & 231 West Huron, Chicago, Ill.
General Chemical Co., 25 Broad, New York
Grasselli Chemical Co., Guardian bldg, Cleveland, O.

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Klipstein A. & Co., 644 Greenwich, New York
Malinckrodt Chemical Wks., 2nd & Malinckrodt, St. Louis, Mo.
Mutual Chemical Co. of Am., 55 John, New York
Partola Mfg. Co., 160 2d av, New York
Roessler & Hasslacher Chem. Co., 100 William, New York
Wiarda John C. & Co., 273 Greene, Brooklyn, New York

Sodium Hydrate

See Caustic Soda

Sodium Hydroxide

See Caustic Soda

13855e—Sodium Hyposulphate

C. P. N. CHEMICAL CO., INC., 78 Reade, New York & 231 West Huron, Chicago, Ill.
Fuller Ralph L. & Co., Inc., 2 Rector, New York. *See adv index at end of book*
General Chemical Co., 25 Broad, New York
Grasselli Chemical Co., Guardian bldg, Cleveland, O.

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Mechling Bros. Mfg. Co., Camden, N. J.
Thomsen Chemical Co., Munsey bldg, Baltimore, Md.
Wolf Jacques & Co., Passaic, N. J.

13855f— Sodium Nitrate

See also Nitrate of Soda

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

13855g— Sodium Nitrite

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Marden Orth & Hastings Co., 61 B'way, New York

13856— Sodium Perborate

Bischoff C. & Co. (Imp.), 451 Washington, New York

13856a— Sodium Peroxide

Niagara Electro Chemical Co., Niagara Falls, N. Y.
Roessler & Hasslacher Chemical Co., 100 William, New York

13857— Sodium Phosphate

Block Chemical Works, Berkeley, Newark, N. J.
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
General Chemical Co., 25 Broad, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Thomsen Chemical Co., Munsey bldg, Baltimore, Md.
Warner Chemical Co., 52 Vanderbilt av, New York

Sodium (Salicylate)

See Salicylate of Soda

13858— Sodium Salts

McKesson & Robbins, 91 Fulton, New York
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Mechling Bros. Mfg. Co. (Sulphide of), Camden, N. J.
Roessler & Hasslacher Chemical Co. (Cyanide of Sodium), 100 William, New York

13858a— Sodium Silicate

Central Commercial Co., 111 N Market, Chicago, Ill.
Chrystal Chas. B (Imp.), 13 Cliff, New York *See adv index at end of book*
Feuchtwanger L. & Co., 136 Liberty, New York
General Chemical Co., 25 Broad, New York
Grasselli Chemical Co., Guardian bldg, Cleveland, O.

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Horstmann John Co., 685 Bryant, San Francisco, Cal.
Mechling Bros. Mfg. Co., Camden, N. J.
Philadelphia Quartz Co., 121 S 3d, Phila., Pa.
PHILADELPHIA QUARTZ COMPANY OF CALIFORNIA, 6th & Grayson, Berkeley, Cal.
St. Louis Chemical & Mfg. Co., 112 Pine, St. Louis, Mo.
Thomsen Chemical Co., Munsey bldg, Baltimore, Md.

13858b—Sodium Silico-Fluoride

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

13858c— Sodium Sulphate

See also Salts, Glaubers'

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Partola Mfg. Co., 160 2nd av, New York

13859— Sodium (Sulphide)

CLINCHFIELD PRODUCTS CORP'N, 120 B'way, New York
See adv index at end of book
Durex Chemical Corp., 320 5th av, New York
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
General Chemical Co., 25 Broad, New York
Gilman Wm. D. Co. (Concentrated), 22 S 3d, Phila., Pa.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Mechling Bros. Mfg. Co., Camden. N. J.
Merrimac Chemical Co., 148 State, Boston, Mass.
Miller Jos. B., Finance bldg, Phila., Pa.
Roessler & Hasslacher Chemical Co. (Crystals & Fused), 100 William, New York
Thomsen Chemical Co., Munsey bldg, Baltimore, Mo.
Wolf Jacques & Co. (Selling Agents), Passaic, N. J.

13860— Sodium Sulphite

Butterworth-Judson Corp., 61 B'way, New York
General Chemical Co., 25 Broad, New York
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
National Aniline & Chemical Co., Inc. (60%-62%), 21 Burling slip, New York
Thomsen Chemical Co., Munsey bldg, Baltimore, Md.

13860a—Sodium Tri-Phosphate

General Chemical Co., 25 Broad, New York
Grasselli Chemical Co., Guardian bldg, Cleveland, O.

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Nitrated Chemicals Co., Inc., Lorain, Ohio
Warner Chemical Co., 52 Vanderbilt av, New York

13861— Softeners (Cotton)

Arabol Mfg. Co. ("Bradford" Soluble Grease), 100 William, New York
Arnold Hoffman & Co., 55 Canal, Providence, R. I.
Bosson & Lane ("Olo Soffene"), Atlantic, Boston, Mass.
Draper J. O. Co., Pawtucket, R. I.
Fox Chas. J., 313 S Philip, Phila., Pa.
Harding & Fancourt ("Tuscan"), 516 S Delaware av, Phila., Pa.
Holbrook Mfg. Co., 18th & Coles, New York
Houghton E. F. & Co. ("C. G.," "Alba," "Olive Cream"), 240 W. Somerset, Phila., Pa.
Leyland Thos. & Co., Readville, Boston, Mass.
Loos & Dilworth, 134 S Front av, Phila., Pa.
McMeekan D. Mfg. Co. ("Also Silk), 1070 Pacific, Brooklyn, N. Y.
Pawtucket Mordant Co., Pawtucket, R. I.
Providence Drysalters Co., East Greenwich, R. I.
Providence Sizing Co., Cranston, R. I.
Royal Chemical Co., Phenix, R. I.
Scholler Bros. Co., 3301 Amber, Phila., Pa.
Tanner Chas. S. Co., 250 S Water, Providence, R. I.
Wilmington Oil Refining Co., 407 E 13th, Wilmington, Del.
Wolf Jacques & Co., Passaic, N. J.
Worden Chemical Works, 4 Cedar, New York
Zurn O. F. Co. (Turkish Softener, Resolvent Compound), Broad & Lehigh, Phila., Pa.

13862— Softeners (Skin)

Emrich, Phil. (Or Arm Stakes), 824 Main, Cincinnati, O.

13863— Soil Pipe Closers

Bradford Wm. A. Co., Quincy, Mass.
Kemp C. M. Mfg. Co. ("Climax"), 405 E Oliver, Baltimore, Md.

Soil Pipe & Fittings

See Cast Iron Soil Pipe & Fittings

13864— Solder (Aluminum)

W. F. ALUMINUM SOLDER
The Solder that solders Aluminum. Trial bar $1.00, postpaid. Prices on quantity shipments promptly furnished upon request.
UNITED SMELTING & ALUMINUM COMPANY, Inc.
Sole Distributors
General Offices: New Haven, Conn.

Allen L. B. Co., Inc., 4519 N Lincoln, Chicago, Ill.
Alumalux Co., Sidney, O.
Atkinson Co., Rochester, N. Y.
Austin M. B. & Co., 406 Jackson blvd, Chicago, Ill.
Birtwistle E. S., 358 6th av, Newark, N. J.
Buckeye Products Co., 919-929 W 5th, Cincinnati, Ohio
City Brass Foundry Co., 5318 St Clair av, Cleveland, O.
Harley Co., Springfield, Mass.
Janney, Steinmetz & Co. ("Richards"), 1421 Chestnut, Phila., Pa.
Lansenkamp F. H., Indianapolis, Ind
Lester Co. ("Arrow"), Fayetteville, N. Y
LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y. *See adv index at end of book*
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
National Solder Co., 934 E 174th, New York
Reinhold Noflux Aluminum Solder Co., 31 Clinton, Newark, N. J.
Richards & Company (Inc.), 192 Beverly, Boston, Mass.
Ruby Chemical Co., Columbus, O.
So-Luminum Mfg. & Engng. Co. ("So-Luminum"), 1790 Broadway, New York
Thwing Instrument Co., 33d & Lancaster av, Philadelphia, Pa.
United Foundry & Machine Co. ("Lioness"), Bridgeport, Conn.
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn. *See adv index at end of book*
U. S. Reduction Co., E Chicago, Ind.
Universal Fluxine Co. ("Acme"), Urbana, Ohio

13865— Solder (Band Saw)

Fuller Geo. H. & Son Co. (Silver), Pawtucket, R. I.

13866—Solder (Brass Spelter)

Henning V. & Sons, 330 Belmont av, Brooklyn, N. Y.
Phila. Metal Products Co. (Jobbers),Broad & Cherry, Philadelphia, Pa.
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn. *See adv index at end of book*

13867— Solder (Brazing)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Henning V. & Sons, 330 Belmont av, Brooklyn, N. Y.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Nassau Smelting & Refining Works, Ltd., 603 W 29th, New York
North American Smelting Co. ("Crescent"), 9th & Thompson, Phila., Pa.
Shimer, McGlynn & Co. ("Golden Rod"), 19th & Washington av, Phila., Pa.
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn. *See adv index at end of book*

13867a—Solder (Brazing, Granulated)

ALLOY STEEL PRODUCTS CORP., 30 Church, New York
See adv index at end of book

13868—Solder (Gold & Silver)

Benson H. K. & F. S. (Silver Only), Glen Ridge, N. J.
Fuller Geo. H. & Son Co. (Silver), Pawtucket, R. I.
Hagstoz T. B. & Son, 709 Sansom, Phila., Pa.
Hough W. S. Jr. Co. (In Sheets & Wire), 61 Peck, Providence, R. I.
Jackson John J. Co., 158 Astor, Newark, N. J.
Linton & Co. (Sheet or Wire), 95 Pine, Providence, R. I.
Ney J. M. Co. (Silver Solder for Brazing, etc), Hartford, Conn.
Noble F. H. & Co., 559 W 59th, Chicago, Ill.
Platt Chas. S. Co. (Silver in Sheet, Wire or Field), 31 Gold, New York
United Wire & Supply Co. (in Wire & Sheets), Elmwood Station, Providence, R. I.

13869—Solder (Plumbers', Tinners' Etc.)

See also Soldering Paste, Salts & Stick

Ajax Metal Co. ("Ajax"), 46 Richmond, Philadelphia, Pa.
American Casting & Mfg. Corp. (Wire), Brooklyn, N. Y.
American Lead Co. (Wire Triangle, etc), 3116 Penn av, Pittsburgh, Pa.
Amer. Smelting & Refining Co., Cincinnati, O.
Atkinson Co., Rochester, N. Y.
Blatchford E. W. Co., 230 N Clinton, Chicago, Ill.
Bogue-Wensley Lead Co., Denver, Colo.
Brady Brass Co., 170 14th, Jersey City, N. J.
Bruce & Cook, 190 Water, New York
Butter Samuel & Co., 284 Franklin, Boston, Mass.
Canfield M. C. Sons Co., 93 Wilsey, Newark, N. J.
Central Smelting & Refining Co., Borden av & Hayward, Long Island City, N.Y.
Chadwick-Boston Lead Co. (Bar, Block, Wire, Plumbers', Tinman's & Came or Glaziers'), Boston, Mass.
Chicago Solder Co. (Solid Wire & Bar), 218 N Union av, Chicago, Ill.
Cleveland Alloys Co., Elm & Superior, Cleveland, O.
Columbia Smelting & Refining Wks., 366 West, New York
Delaware Metal Refinery, Washington & 18th, Philadelphia, Pa.
Delphos Mfg. Co., 1st & Pierce, Delphos, Ohio
Detroit Lead Pipe Works, Detroit, Mich.
Eagle Picher Lead Co. The, ("Eagle"), 208 S La Salle, Chicago, Ill.
Eagle Smelting & Refining Works (Wire Segment, Bar, Drop & Caffing Triangle, etc), 233 Broadway, New York
Empire Metal Co., Syracuse, N. Y.
Erie White Metal Co., Erie, Pa.
Farrell Edward P. (Soft), 1414 Philpot, Baltimore, Md.
Finn John Metal Works, Seattle, Wash.
Fleck Bros. Co. (Plumbers'), 44 N 5th, Phila., Pa.
Graham Jas. & Co., New Haven, Conn.
Great Western Smelting & Refining Co., 41st & Wallace, Chicago, Ill.
Henning V. & Sons, 330 Belmont av, Brooklyn, N. Y.
Hess Barney, 94 Van Dyke, Brooklyn, N. Y.
Hiertz Theo. Metal Co., Alaska & Tesson, St. Louis, Mo.
Hoyt Metal Co., Boatmen's Bank bldg, St. Louis, Mo.
Hungerford U. T. Brass & Copper Co. (Bar, Tri-Angular & Capping Wire & Segments), 80 Lafayette, New York
ILLINOIS SMELTING & REFINING CO., 410 N Peoria, Chicago, Ill.
See adv index at end of book
Jacob Bros., Bridgeport, Conn.
Jacobson I. M. & Sons Co., (For All Purposes) 70 Catherine, Detroit, Mich.

SOLDER (PLUMBERS', TINNERS', ETC.) —continued

Kahn Bros. ("Solder-Iron" Brand), 785 Humboldt, Brooklyn, N. Y.
Kramer H. & Co., 730 S Canal, Chicago, Ill.
Lang E. M. Co. ("Neverslip" Wire, Drop & Stick), Portland, Me.
Lehman Bros., Hoboken, N. J.
Lewis Jno. T. & Bros. Co., Lafayette bldg, Phila., Pa.
Linton & Co. (Sheet Brass), 95 Pine, Providence, R. I.
Lissberger Marks & Son, 281 Borden av, L. I. City, N. Y.
Los Angeles Smelting Co., 739 N Main, Los Angeles, Cal.
Lukens Thos. F. Metal Co., 238 N 4th, Philadelphia, Pa.
LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y. *See adv index at end of book*
McDonald Jas. & Sons Co., Cincinnati, O.
Maryland Brass & Metal Wks., Guilford & Federal, Baltimore, Md.
MERCHANT & EVANS CO., (Bar, Tri-Angular & Capping; Wire & Segments), 2035 Washington av, Philadelphia, Pa. *See adv index at end of book*

MICHIGAN SMELTING & REFINING CO.

1695 Jos. Campau, Detroit, Mich.
Millar Chas. & Son Co., Utica, N. Y.
More-Jones Brass & Metal Co. (Bar Wire & Triangular), B'way & Dock, St. Louis, Mo.
Motor Products Corp., Mack av & Belt line, Detroit, Mich.
Nassau Smelting & Refining Works, 607 W 29th, New York
National Copper Refining Co., Cleveland, O.
National Lead Co. (Wire, Triangular, Drop & Bar Solder), 111 B'way, New York
National Lead & Oil Co. of Pa., Commonwealth bldg, Pittsburgh, Pa.
North American Copper Co., 52 Vanderbilt av, New York
North American Smelting Co. (Tinners & Brazing), 9th c Thompson, Phila., Pa.
Northwestern Shot & Lead Works, 90 Fairfield av W, St. Paul, Minn.
Ohio Metal Co., 1137 N 4th, Columbus, O.
Old Roman Solder Co., 202 E 46th, New York
Pacific Metal Works, 153 1st, San Francisco, Cal.
Paragon Metal Co., 3050 S Ashland av, Chicago, Ill.
Peerless Alloy Co., Denver, Colo.
Philadelphia Metal Products Co. (Jobbers, Bar), Broad & Cherry, Phila, Pa.
Pittsburgh Smelting & Refining Co., Elizabeth, & B. & O. R. R., Pittsburgh, Pa.
Pittsburgh White Metal Co., 3116 Penn av, Pittsburgh, Pa.
Raymond Lead Co. (Wire, Triangular Bar Drops, etc), 735 S Washtenaw av, Chicago, Ill.
Reynolds Gardner W., Meriden, Conn.
Richards & Company (Inc.) ("Richards") 192 Beverly, Boston, Mass.
Riverside Metal Refining Co., Connellsville, Pa.
Rochester Lead Works, Rochester, N. Y.
Rogers Metal Works, Kansas City, Mo.
Rumsey L. M. Mfg. Co., 810 N 2d, St. Louis, Mo.
Selby Smelting & Lead Co. (Wiping, Wire, Bar Strip, Drop, etc), 201 1st, San Francisco, Cal.
SMITH & McCRORKEN, INC., 407-409 E 18th, New York
Staplin & Smith, 359 W Austin, Chicago, Ill.
Star Refining Co., 116 W First, Boston, Mass.
Syracuse Smelting Works ("Stanley Process"), 192 Diamond, Brooklyn, N. Y.
Tatham & Bros., 261 Water, New York
Union Smelting & Refining Co. (Wire, Segment, Bar & Drop, Capping, Triangular, etc.), Newark, N. J.

UNION SMELTING AND REFINING CO., INC.

United Lead Co. (Bar Drop, Wire, Triangular, Pulverized Ribbons, Segment, Shot, Tape), 111 B'way, New York
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn. *See adv index at end of book*
United States Reduction Co. (Bar, Wire & Triangular), E Chicago, Ind.
United States Smelting Works, 1615 Spring Garden, Philadelphia, Pa.
United Wire & Supply Co. (Gold & Silver), Elmwood Station, Providence, R. I.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.) (All Kinds), Wheeling, W. Va.
Windsor Mfg. Co., 570 Clinton, Milwaukee, Wis.
Woodfall Bros., 1105 Fairmount av, Phila., Pa.

13870— Solder (Rosin Core)

Belden Mfg. Co. ("Belden" for Switchboard & Telephone Connections), 2316 S Western av, Chicago, Ill.

13871—Solder (Self-Fluxing)

Allen L. B. Co. ("Presto-Solder"), 4519 N Lincoln, Chicago, Ill.
Belden Mfg. Co., 2316 S Western av, Chicago, Ill.
Dielectric Mfg. Co. ("Soldux"), 224 S. Vandeventer av, St. Louis, Mo.
Emenar Co., 55 Liberty, New York
Hess & Son ("Tinol"), Watkins bldg, Phila., Pa.
Kellogg Switchboard & Supply Co., 1066 W. Adams, Chicago, Ill.
National Lead Co., 111 B'way, New York, & 10th & Howard, Detroit, Mich.
Solderall Sales Co., 76 Cortlandt, New York
Tread Co. Ltd., Belmar, N. J.
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn. *See adv index at end of book*
Western Electric Co., 463 West, New York
WESTINGHOUSE ELECTRIC & MFG. CO. ("Weldwell"), East Pittsburgh, Pa. *See adv index at end of book*

13871a—*Solder (Silver Brazing)

Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
SIMONDS MFG. CO., Fitchburg, Mass. *See adv index at end of book*

13872— Soldering Apparatus for Rail Bonding

Smith of N. Y. Co., 352 Pearl, New York

13873— Soldering Coppers

AMERICAN BRASS CO., Waterbury, Conn. *For branch offices see adv index at end of book*
Ayars Machine Co. (For Canning Factories, etc), Salem, N. J.
Beall Bros., Alton, Ill.
Clendenin Bros., cor Central av & Fawn, Baltimore, Md.
Delphos Mfg. Co., 1st & Pierce, Delphos, O.
Diamond Mfg. Co., Detroit, Mich.
Electric Materials Co., North East, Pa.
Emmelman Bros. Mfg. Co. (Gas), Indianapolis, Ind.
Eureka Co., North East, Pa.
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York
Hussey C. G. & Co., 2850 2nd av, Pittsburgh, Pa.
Isele A. W. Son, 51 Pitt, Boston, Mass.
Kaufman A. G. Mfg. Co. (Self-Heating), 210 5th av, New York
Merchant & Evans Co., 2035 Washington av, Philadelphia, Pa. *See adv index at end of book*
Osborne C. S. & Co., Harrison, N. J.
Peck, Stow & Wilcox Co., Southington, Conn.
Taunton-New Bedford Copper Co., Taunton, Mass.

13874—Soldering Flux, Paste, Salts & Stick

Allen L. B. Co. ("Allen," "Presto-Soder"), 4519 N Lincoln, Chicago, Ill.
Am. Elec'l Equipment Co., Kansas City, Mo.
Atlantic Importing Co., Providence, R. I.
Baltimore Chemical Co. (Flux), 321 St. Paul, Baltimore, Md.
Belden Mfg. Co. (Stick Paste & Salt), 2316 S Western av, Chicago, Ill.
Benson A. R. Co. (Yeager's Salts), Hudson, N. Y.
Blake Signal & Mfg. Co. (Flux & Paste), 251 Causeway, Boston, Mass.
Blue Seal Chemical Co. 417 E 16, New York
Brunner Chemical Works ("Queen" Flux), 217 E 3d, Cincinati, Ohio
Burnley Battery & Mfg. Co. ("Diamond," Stick & Paste), North East, Pa.
Callahan Geo. & Co. (Flux), 218 Front, New York
Central Stamping Co. ("Solderine" Salts), 174 Fulton, New York
Chase-Shawmut Co. ("Red E"), Newburyport, Mass.
Chemical Products Co., 93 Broad, Boston, Mass.
Chicago Solder Co. ('Kester"), 218 N Union av, Chicago, Ill.
CORLISS MFG. & SUPPLY CO. ("C. C. C.," Paste & Salts), 1906 Olive, St. Louis, Mo.
Dielectric Mfg. Co. (Stick, Paste & Salts), 224 S Vandeventer av, St. Louis, Mo.
Dow Chemical Co. (Flux), Midland, Mich.
Dunton M. W. Co. ("Nokorode" Paste & Salts), 150 Niagara, Providence, R. I.
Electrolytic Zinc Co., Inc., 3 S William, New York *See adv index at end of book*
Emenar Co., 55 Liberty, New York
Frazer Lubricator Co. ("Frazeried" Paste), 3921 Normal av, Chicago, Ill.
Garden City Laboratory ("Anchor" Brand Non-Acid Flux), 161 W Harrison, Chicago, Ill.

GARDEN CITY LABORATORY
Incorporated
161 W. Harrison St.
Chicago, Ill.
Non-Acid Soldering Fluxes
For all Purposes

Grasselli Chemical Co. ("Eureka" Flux, "Standard" Flux, "Snowflake" Soldering Salts), Guardian bldg, Cleveland, O.
Hartwig Wm. J. Co. ("New Idea"), Detroit, Mich.
Hess & Son, Watkins bldg, Phila, Pa.
Highland Electro Chemical Mfg. Co. (Insulating Soldering Paste), Connellsville, Pa.
Leveridge C. W. ("Yankee Salts"), 133 Liberty, New York
McGill Mfg. Co. ("Star" Stick & Paste, "Crescent" Flux, Fluid, Salts, Sticks & Paste), 77 Oak, Valparaiso, Ind. *See adv index at end of book*
Manhattan Electric Supply Co. ("Excelsior"), 17 Park pl, New York *See adv index at end of book*
Merrimac Chemical Co. (Solutions), 148 State, Boston, Mass.
National Lead Co. ("Excelsior" Flux), 111 B'way, New York
Poole, James W., 16 Columbia, Boston, Mass.
Reade Mfg. Co. ("Incomparable," Fluid & Tinning Solution," "Readina" Solution, "Readeana" Paste), Hoboken, N. J.
Rotax & Co. (Paste Salts), 38 E 133d, New York
Ruby Chemical Co. ("Ruby," Fluid), Columbus, O.
SANDOVAL ZINC CO. (Flux, Salts, etc), 410 N Peoria, Chicago, Ill.
Schneider Emil (Salts), 298 South, Newark, N. J.
Seldner & Enequist (Soldering Fluid & **Tinning Flux), 86 Housman, Brooklyn,** N. Y.
Sieffert Elec. Co., Evansville, Ind.
Solderall Sales Co. ("Peerless Paste"), 76 Cortlandt, New York

Tread Co. Ltd. (Stick, Paste & Salts), Belmar, N. J.
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn. *See adv index at end of book*
Universal Fluxine Co. ("Universal," Fluid), Urbana, O.
Walsh J. E. Co., Pittsfield, Mass.
Weaver Specialty Co. ("Oakwood" Paste, Salts & Liquid), 6344 Aurelia, Pittsburgh, Pa.
WESTINGHOUSE ELECTRIC & MFG. CO. ("Weldwell"), East Pittsburgh, Pa. *See adv index at end of book*

13875—Soldering Frames & Cylinders

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Leffler Chas. & Co. (For Can Makers), 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*

13876— Soldering Iron & Blow Torch Combined (Benzine)

Globe Gas Light Co. ("Picolo"), 25 Union, Boston, Mass.
Hess & Son, 808 Wathey, Phila., Pa.

13877— Soldering Iron & Blow Torch Combined (Gasoline)

BEACH-RUSS CO. (Gas Blast), 220 B'way, New York *See adv index at end of book*
Bernz Otto, 17-37 Ashland, W. Newark, N. J.
Dobbins Mfg. Co. ("Tinners' Friend"), 127 S 1st, Minneapolis, Minn.
Emmelman Bros. Mfg. Co. ("Emmelmann") Indianapolis, Ind.
Globe Gas Light Co. ("Neuachat"), 2[illegible] Union, Boston, Mass.
Hess & Son, 808 Wathey, Phila., Pa.

13878—Soldering Irons (Alcohol)

Chicago Nut Co. (For Telephone Repair Men, etc.), 2513 W 20th, Chicago, Ill.
Glogan & Co., Dickey bldg, Chicago, Ill.

13879—Soldering Irons (Electric)

American Electrical Heater Co., Detroit, Mich.
Apex Electric Mfg. Co. ("N. D. Co."), 1410 W 59th, Chicago, Ill.
Chambers Bering Quinlan Co., Decatur, Ill.
Clemens Elec'l Corp., 725 Main, Buffalo, N. Y.
Cook Frank B. Co., 326 W Madison, Chicago, Ill.
Dover Mfg. Co., Dover, Ohio
Edison Electric Appliance Co., Inc., 566 W Taylor, Chicago, Ill.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hoskins Mfg. Co., 453 Lawton, Detroit, Mich.
Langguth-Olson Co., 120 Liberty, New York
Manhattan Electric Supply Co., 17 Park pl, New York *See adv index at end of book*
Multi Electrical Mfg. Co., 703 Fulton, Chicago, Ill.
Ohio Electric Works, Cleveland, O.
Presto Elec. Co., 51 2d, San Francisco, Cal.
Simplex Electric Heating Co. ("Simplex"), Cambridge, Mass.
Vulcan Electric Heatiing Co. ("Vulcan"), **107 W 13th, New York**
Waage Electric Co., 12 S Jefferson, Chicago, Ill.

13880—Soldering Irons (Self Heating)

Ams Max Machine Co. (For Canners, etc), **Bridgeport, Conn.**
BEACH-RUSS CO., 220 B'way, New York *See adv index at end of book*
Decker Mfg. Co., 251 Elm, Newark, N. J.
Lyon Conklin & Co. ("Marvell"), 19 Balderston, Baltimore, Md.

13881— Soldering Sets

Arcade Mfg. Co., Freeport, Ill.
Barrett W. L. ("Handy," "Leader"), Bristol, Conn.
Dunton M. W. Co. ("Nokorode Solderkit") 150 Niagara, Providence, R. I.
Millers Falls Co. ("Gem"), **28 Warren,** New York
Peck, Snow & Wilcox Co., Southington, Conn.
Stover Mfg. Co. ("Ideal"), Freeport, Ill.
Williams Chas. & Co., Bigelow, N. Y.
Winn Wm. R. (Non-Corrosive), 488 Cherry, New York

13881a— *Sole Leather

ALEXANDER BROS., 414 W 3d, Phila., Pa.

13882— *Solenoids

Acme Wire Co., New Haven, Conn.
Belden Mfg. Co., 2316 S Western av, Chicago, Ill.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis. *See adv index at end of book*
DOYLE-DACOSTA MFG. CO., Easton, Pa.
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*

13883— Soles (Rubber)

Archer Strauss Rubber Co., Framingham, Mass.
Atlantic Mfg. Co. ("Rubbestos"), Wilmington, Del.
Essex Rubber Co., Trenton, N. J.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Manhattan Rubber Mfg. Co., Passaic, N. J.
Pennsylvania Rubber Co., Jeannette, Pa.
Petley Rubber Mfg. Co., 247 Oregon, Milwaukee, Wis.
Rubber Products Co., Barberton, Ohio

13884—Solutions (Ferric Chloride)

Dow Chemical Co. (U. S. P. & Neutral), Midland, Mich.

13884a—Solutions (Soluble Cotton)

Hercules Powder Co., Wilmington, Del. *See adv index at end of book*

13884b—*Solvent Recovery Apparatus

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*
Lummus, Walter E. Co., 173 Milk, Boston, Mass.

13885—*Solvent Thinners

DU PONT CHEMICAL WORKS, 120 Bway, New York

13885a—*Solvents (Acetone & Ketones)

Hercules Powder Co., Wilmington, Del. *See adv index at end of book*

Soot Blowers & Suckers (Boiler Flue or Tube)

See Cleaners, Boiler Flue or Tube; Soot Blowers & Suckers

13886—Sorters (Bean & Pea)

Bacon Mfg. Co. (Bean), Pontiac, Mich.
Ferrell A. T. & Co. ("Clipper"), Saginaw, Mich.
Johnson & Field Mfg. Co. ("Racine"), Racine, Wis.

13887— Sorters (Potato)

American Bell & Foundry Co. (Fruit & Potato Sorter), Northville, Mich.
Aspinwall Mfg. Co., Jackson, Mich.
Champion Potato Mchy. Co., Hammond, Ind.
Dowden Mfg. Co. (Ltd.), Prairie City, Ia.
Hench & Drumgold Co. (Peach & Potato Sorter), York, Pa.
Hoover Mfg. Co., Avery, O.
Pease F. B. Co. (Sorter & Graders), Rochester, N. Y.
Pugh Mfg. Co., Topeka, Kan.

13888—Sounding Lines (Deep Sea)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill. *See adv index at end of book*

13889—Sowers (Hand Seed)

Allen S. L. & Co. ("Planet, Jr."), Denckla bldg, Phila., Pa.
Ames Plow Co., Quincy Hall, Boston, Mass.
Cyclone Seeder Co., Urbana, Ind.
Everett J. A. (Broadcast), Indianapolis, Ind.
Goodell Co. ("Cahoon"), Antrim, N. H.
Humphrey & Sons (Broadcast), Joliet, Ill.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Seeder Mfg. Co., Homer, Mich.
Whitman Agricultural Co. ("Tornado," "Cyclone," "Pacific," "Cahoon" Powder), 7000 S B'way, St. Louis, Mo.

13890— Sowers (Plaster)

Foster & Williams Mfg. Co., Racine, Wis.
Ontario Drill Co., East Rochester, N. Y.
Williams Bros. (Broadcast Plaster or Grain), Ithaca, N. Y.

13891—Sowers & Drills (Hand Seed Garden)

Allen S. L. & Co. ("Planet, Jr."), Denckla bldg, Phila., Pa.
Ames Plow Co., Quincy Hall, Boston, Mass.
Bacon Mfg. Co. (Seed Drills), Pontiac, Mich.
Bateman Mfg. Co., Grenloch, N. J.
Everett J. A., Indianapolis, Ind.

13892—Sowers & Drills (Lime & Fertilizer)

Thomas Mfg. Co. ("Thomas"), Springfield, O.

Sowers & Seeders

See Seeders & Sowers

13893—Spacers (Button & Button Hole)

Firsching John A., Utica, N. Y.

13893a— Spacers (Tie)

Madden Co., Railway Exch. bldg, Chicago, Ill.
Reading Specialties Co., Reading, Pa.
Spencer Otis Co., 80 E. Jackson blvd, Chicago, Ill.

Spade Mfrs.

See Shovel, Spade & Scoop Manufacturers

13894— Spades (Barking)

Romer Axe Co. ("Romer," Cedar Barking), Dunkirk, N. Y.

13895— Spades (Concrete)

Conneaut Shovel Co. ("Bannister's"), Conneaut, O.

Spades (Drain & Ditching)

See Shovels & Spades, Drain & Tiling

13896— Spades (Garden)

See also Shovel, Spade & Scoop Manufacturers

Hall Mfg. Co. ("Hall," Pony), Monticello, Ia.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Indiana Shovel Co. ("Maryland"), New Castle, Ind.
Jackson Shovel & Tool Co., Montpelier, Ind.
Ohio Shovel & Stamping Co, Dover, O.
Western Steel & Iron Works, De Pere, Wis.

Spades (Tiling)

See Shovels & Spades, Drain & Tiling

13897— Spades (Wooden)

Estes E. B. & Sons (Butler, etc), 364 5th av, New York *See adv index at end of book*

13898— Spads (Miners')

Black Diamond Spad Co., Box 414, Richmond, Va.
Howells Mining Drill Co., Plymouth, Pa.
Muirhead John & Son, Pittston, Pa.
Smith-Courtney Co. ("Coltay"), Richmond, Va.

Span Wire Forks

See Forks, Rising

13899— Spanners (Plug)

Williams J. H. & Co. ("Falcon" Drop Forged Waste), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

Spars

See Masts & Spars

13899a—*Spatulas (Porcelain)

Ohio Pottery Co., Zanesville, Ohio
See adv index at end of book

13900— Speaking Tubes

Berger Mfg. Co., Canton, O.
Cowles C. & Co. (Automobile & Electric Megaphone), New Haven, Conn.
Dieckmann F. Co., 2423 Harrison av, Cincinnati,, Ohio
Ivins Elwood Tube Works ("Seamless"), Oak Lane Station, Philadelphia, Pa.
Keil Frances & Son ("Reliance"), 401 E 163d, New York
Klauer Mfg. Co., Dubuque, Ia.
Lamb & Ritchie Co. (Tin, etc), Cambridge, Mass.
McWade Wm. J. (Combination Tube Phone & Mail Box), 3140 S Canal, Chicago, Ill.
Manhattan Electrical Supply Co. (and Supplies), 17 Park pl, New York
See adv index at end of book
Ostrander W. R. & Co., 371 B'way, New York
Poole Jas. W., 16 Columbia, Boston, Mass.
Titeflex Metal Hose Corp., Badger av & Runyon, Newark, N. J.
See adv index at end of book
Van Wagoner-Linn Construction Co., 1133 B'way, New York
Vulcan Mfg. Co. ("McWade" Combination Phone & Mail Box), 3140 S Canal, Chicago, Ill.
Walsh, Owen Mfg. Co., 525 W 26th, New York
Wilhelm Henry, 70 Frost, Brooklyn, N. Y.

13901— Spears (Casing)

Luther Mfg. Co., Olean, N. Y.

13902— Spears (Fish)

Arcade Mfg. Co., Freeport, Ill.
Bonafide Mfg. Co. ("Original," "St. Clair," also Frog), Plymouth, Mich.
Collins Co., Collinsville, Conn.

13902a— *Spears (Flag)

Estes E. B. & Sons (Wood), 364 5th av, New York
See adv index at end of book

13903—Spears (Oil Well Casing)

Masseth Packer & Machine Works (Trip & Bull Dog), Butler, Pa.

13904—Special Mill Work (Interior & Exterior Finish)

Cullen & Vaughn Co., 450 Dayton, Hamilton, O.

13904a—Specialties (Advertising)

Estes E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*

Specialties (Educational)

See Blocks A. B. C.

13904b—*Specialties (Electrical, Wood)

Estes E. B. & Sons, 364 5th av, N. Y.
See adv index at end of book
South Bend Current Control Co., South Bend, Ind.

13905—*Specialties (Manicure, School & Toy)

Estes E. B. & Sons (Wood), 364 5th av, N. Y. *See adv index at end of book*

13906—*Specimen Cases (Metal, for Museum)

SNEAD & CO., IRON WORKS, 98 Pine Jersey City, N. J.
See adv index at end of book

13907— Spectrometers

Bausch & Lomb Optical Co., Rochester, N. Y.
Gaertner Wm. & Co., 5349 Lake Park av, Chicago, Ill.

13908— Spectroscopes & Polariscopes

Eimer & Amend ("Franz Schmidt & Hoensch"), 205 3d av, New York
Gaertner Wm. & Co., 5349 Lake Park av, Chicago, Ill.
Heil Henry Chemical Co., St. Louis, Mo.
Sargent E. H. & Co. ("Bates"), 125 W Lake, Chicago, Ill.

13909— Speedometers

American Speed Indicator Co. ("Kenney" Marine), New London, Conn.
Corbin Screw Corp. ("Corbin-Brown"), New Britain, Conn.
Du Vivier Ernest H. (Imp.), 30 Church, New York
Electric Tachometer Co. (Electric), Perry bl, Phila., Pa.
Hamilton Corp. ("Multometer"), Lancaster, Pa.
Johns H. W.-Manville Co. ("Johns-Manville"), Madison av & 41st, New York
Jones Speedometer Co., 590 Jackson av, Brooklyn, N. Y.
Lawrence Geo. E. ("Kenney" Marine), Bullitt bldg, Philadelphia, Pa.
Motors Appliance Co. (Benson Signal), East Moline, Ill.
Nelson Blower & Furnace Co. ("Reliance"), L. & Elkins, Boston, Mass.
Standard Thermometer Co. ("Standard"), 65 Shirley, Boston, Mass.
Star Speedometer Co. ("Star"), Milton, Pa.
Stewart-Warner Speedometer Corp. ("Warner," "Stewart"), 1826 Diversey Parkway, Chicago, Ill.
Troy Carriage Sun Shade Co., Troy, O.
Van Sicklen Co., Elgin, Ill.

Speed Reduction Transmission

See Variable Speed Transmission

13910— Spelter

See also Smelters of Spelter; also Smelters & Refiners)

American Metal Co., 61 B'way, New York
American Smelting & Refining Co., 120 B'way, New York
American Spelter Corp., 61 B'way, New York
American Zinc, Lead & Smelting Co. ("Mascot," "American," "Granby"), Caney, Kan.
Arkansas Zinc & Smelting Corp., Van Buren, Ark.
Bartlesville Zinc Co., 120 B'way, New York
Beer, Sondheimer & Co., Inc. (Selling Agents), 61 B'way, New York
Blatchford E. W. Co. 230 N Clinton, Chicago Ill.
Coates, Bennett & Reidenbach, Rochester, N. Y.
Delaware Metal Refinery, Washington & 18th, Philadelphia, Pa.
Eagle Picher Lead Co. (The), 208 S La Salle, Chicago, Ill.
Eagle Smelting & Refining Works, 233 B'way, New York
Eastern Zinc Refining Co., 255 Russell, Brooklyn, N. Y.
Edgar Zinc Co., Security bldg., St. Louis, Mo.
Electrolytic Zinc Co., 3 S William, New York *See adv index at end of book*

Electrolytic Zinc Co., Inc.

HIGH GRADE SPELTER
SOLDERING FLUX
ZINC OXIDE

3 South William Street, New York

Fort Smith Spelter Co., Warren, Ohio
Granby Mining & Smelting Co., St. Louis, Mo.
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Great Western Smelting & Refining Co. 41st & Wallace, Chicago, Ill.
Hayman Michael & Co., Buffalo, N. Y.
Hegeler Zinc Co., Danville Ill.
Henning V. & Son 330 Belmont av, Brooklyn, N. Y.
Henryetta Spelter Co., Henryetta, Okla.
Hiertz Theo. Metal Co., Alaska & Tesson, St. Louis, Mo.
Humphreys E. C. Co. (Prime Western), Book bldg, Detroit, Mich.
ILLINOIS SMELTING & REFINING CO., 410 N Peoria, Chicago, Ill.
See adv index at end of book
Illinois Zinc Co., Peru, Ill.
Jacobson I. M. & Sons Co., 70 Catherine, Detroit, Mich.
Kahn Bros. ("Star" Brand), 785 Humboldt, Brooklyn, N. Y.
Kessler, Joseph G. & Co., Knickerbocker av, Brooklyn, N. Y.
Kramer H. & Co., 730 S Canal, Chicago, Ill.
Lissberger, Marks & Son, 281 Borden av, L. I. City, N. Y.
London & Sack, 259 Front, New York
McINNES, CHARLES E. & CO., Mariners & Merchants bldg, Phila., Pa.
Malthiessen & Hegeler Zinc Co., La Salle, Ill.
Merchant & Evans Co., 2035 Washington av, Phila., Pa.
See adv index at end of book

MICHIGAN SMELTING & REFINING CO.

1695 Jos. Campau, Detroit, Mich.

Mineral Point Zinc Co., 140 S Dearborn, Chicago, Ill. Works: Mineral Point, Wis.
Nassau Smelting & Refining Works, 603 W 29th, New York
National Copper Refining Co., Cleveland, Ohio
National Zinc Co., 61 B'way, New York.
New Jersey Zinc Co. ("Horsehead," "Bertha," "Franklin," "Prime Western," Nassau"), 55 Wall, New York
O'Connor, J. J. & Co. (Dealers), 1st Nat'l Bank bldg, Pittsburgh, Pa.
Ohio Metal Co., 1137 N 4th, Columbus, O.
Phila. Metal Products Co. (Jobbers), Broad & Cherry, Phila, Pa.
Prime Western Spelter Co., Gas, Kan.
Raymond Lead Co., 735 S Washtenaw av, Chicago, Ill.
SANDOVAL ZINC CO., 410 N Peoria, Chicago, Ill.
Trench C. S. & Co., 81 Fulton, New York
Union Smelting & Refining Co., St. Charles, Newark, N. J.
See adv index at end of book
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
See adv index at end of book
United States Reduction Co., E Chicago, Ind.
United States Smelting Co., 120 B'way, New York
United Zinc Smelting Corp., 99 John, New York

Vernon Metal & Produce Co., 25 Beaver, New York
Vogelstein L. & Co. (Imp), 42 B'way, New York
Vulcan Louisville Smelting Co. ("Vulcan"), 208 S La Salle, Chicago, Ill.
Woodfall Bros., 1105 Fairmount av, Phila., Pa.

13910a— *Spelter Pigs

Metal Products Co., Inc., 100 S. Jefferson, Chicago, Ill. *See adv index at end of book*

13911-2— Spermaceti

National Aniline & Chemical Co., Inc., 21 Burling Slip, New York
Robinson W. A. & Co., New Bedford, Mass.
Smith & Nichols (Jobbers), 121 Maiden la, New York

Sperm Oils

See Oils, Sperm & Whale

13913— *Spice Mills

See also Mills, Coffee & Spice

Brown A. & F. Co., 79 Barclay, New York

13914— Spiders

Bowman Geo. H. Co. ("Swissalu" Aluminum), 224 Euclid av, Cleveland, O.
Lucey Manufacturing Corp. (Liners & Slip), 233 B'way, New York
For branch offices see Alphabetical Section
Wagner Mfg. Co. ("Wagner," Cast Aluminum), Sidney, O.

13915— Spiegel Silicon

DANA & COMPANY, INC., 111 B'way, New York
See adv index at end of book
Lavino E. J. & Co., Bullitt bldg, Philadelphia, Pa.
Tennant C. Sons & Co. of N. Y. (Imp.), 100 William, New York

13916— Spiegeleisen

Bond, Vivian & Co. (Imp.), 68 Beaver, New York
Carnegie Steel Co., Carnegie bldg, Pittsburg, Pa.
Crocker Bros. (German), 21 E. 40th, New York
Dana & Company, Inc. (Imp.), 111 B'way, New York. *See adv index at end of book*
Lavino E. J. & Co., Bullitt bldg, Philadelphia, Pa.
LEAVITT C. W. & CO. (English & German), 34 Church, New York
See adv index at end of book
Marshall, F. W. & Co., Pennsylvania bldg, Phila., Pa..
New Jersey Zinc Co. (From Zinc Oxide Residues), 55 Wall, New York
Rogers, Brown & Co., 77 Carew bldg, Cincinnati, O.
SAMUEL FRANK, Harrison bldg, Phila., Pa. *See adv index at end of book*
Seaboard Steel & Manganese Corp., 50 E. 42nd, New York
Tennant C. Sons & Co. of N. Y. (Imp.), 100 William, New York

13916a— Spigots

See also Pegs, Wood

Estes, E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*

13916b— *Spike Mfrs.

COLONIAL SUPPLY CO. (Also Nails), 217 Water, Pittsburgh, Pa.
See adv index at end of book
Roe & Conover, 206 Frelinghuysen av, Newark, N. J.
See adv index at end of book

13916c— Spikes (Boat)

See also Spikes, Ship, Dock & Bridge

Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book

13917—Spikes (Boat, Composition)

Taunton-New Bedford Copper Co., Taunton, Mass

Spikes (Bridge)

See Spikes, Ship, Dock & Bridge

13918— Spikes (Copper)

Hussey C. G. & Co., 2850 2nd av, Pittsburgh, Pa.

13919— Spikes (Cut)

Atlantic Steel Co., Atlanta, Ga.
Bethlehem Steel Co., So. Bethlehem, Pa.
Brooke E. & G. Iron Co., Birdsboro, Pa.
Igoe Bros., 69 Metropolitan av, Brooklyn, N. Y., & Newark, N. J.
Illinois Nail Co., 826 Dix, Chicago, Ill.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
La Belle Iron Works, Steubenville, O.
Larkin, J. K. & Co. (For Various Purposes), 34 Reade, New York
See adv index at end of book
Malleable Iron Fittings Co. (Zinc Coated Iron), ("M. I. F. Co."), Branford, Conn.
Norton Iron Works, Ashland, Ky.
Republic Iron & Steel Co., Youngstown, O.
Severence S. Mfg. Co., 3d, Pittsburgh, Pa.
Tredeger Co., Richmond, Va.
Tremont Nail Co., West Wareham, Mass.
Van Alen & Co., Northumberland, Pa.

13919a— Spikes (Dock)

See also Spikes, Ship, Dock & Bridge

Larkin, J. K. & Co. (& Wharf), 34 Reade, New York *See adv index at end of book*

13920—Spikes (Hand Made)

Davis Bros., 29th & Bristol, Phila., Pa.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Ulmer Theo. C., Richmond & E Col., **Philadelphia, Pa.**

13921— Spikes (Marline)

Billings Union Trowel Works (D. W. Gray Co.), Irvington, N. J.
Wilcox, Crittenden & Co., Middletown, Conn.

13922—Spikes (Railroad Track)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Ames W. & Co., Communipaw av, Jersey City, N. J.
Atlantic Steel Co., Atlanta, Ga.
Bethlehem Steel Co., So. Bethlehem, Pa.
COLONIAL SUPPLY CO., 217 Water, Pittsburgh, Pa.
See adv index at end of book
Colorado Fuel & Iron Co., Denver, Colo.
Davis Bros., N 29th & Bristol, Phila., Pa.
Dilworth, Porter & Co., Ltd. ("Goldie"), 4th & Bingham, Pittsburgh, Pa.
Easton Car & Construction Co., 15 Center square, Easton, Pa.
See adv index at end of book
Elyria Iron & Steel Co., Cleveland, Ohio
Illinois Steel Co. (Chisel Pointed and Screw Spikes), 208 S La Salle, Chicago, Ill.
Inland Steel Co. (Open Hearth Steel), First Nat'l bldg, Chicago, Ill.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Judson Mfg. Co., 819 Folsom, San Francisco, Cal.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Kokomo Steel & Wire Co., Kokomo, Ind.
Larkin, J. K. & Co., 34 Reade, New York
See adv index at end of book
Lebanon Valley Iron & Steel Co. (Iron & Steel), Lebanon, Pa.
Levis, Henry & Co., Commercial Trust bldg, Phila., Pa.
Oliver Iron & Steel Co. (Screw), S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Gage & Supply Co. (Jobbers), 30th & Liberty av, Pittsburgh, Pa.
Pottsville Bolt Co., Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, O.
Scranton Bolt & Nut Co., Scranton, Pa.
Severence S. Mfg. Co., 3d, Pittsburgh, Pa.
Sylvester Co., 141 Milk, Boston, Mass.
Tredegar Co., Richmond, Va.

13923— Spikes (Rubber)

Mechanical Rubber Co., Cleveland, O.

13924— Spikes (Screw)

Bethlehem Steel Co., So. Bethlehem, Pa.
Illinois Steel Co. (Track), 208 S La Salle, Chicago, Ill.
Pittsburgh Forge & Iron Co., Chamber of Commerce bldg, Pittsburgh, Pa.
Steel Car Forge Co., Pittsburgh, Pa.

13925— Spikes (Ship, Dock & Bridge)

AMERICAN STEEL & WIRE CO. (Square Boat), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Ames W. & Co., Communipaw av, Jersey City, N. J.
Bayonne Bolt & Nut Co., Bayonne, N. J.
Bethlehem Steel Co., So. Bethlehem, Pa.
Cambria Steel Co. (6 to 26 inches), Widener bldg, Philadelphia, Pa.
Colorado Fuel & Iron Co., Denver, Colo.
Davis Bros., 29th & Bristol, Phila., Pa.
Dilworth, Porter & Co., Ltd. (Steel), 4th & Bingham, Pittsburgh, Pa.
Empire Galvanizing Co. (Galvanized), 2507 E Cumberland, Philadelphia, Pa.
Harry L. C. Co., 114 Liberty, New York
Hoopes & Townsend Co., Broad & Buttonwood, Philedalphia, Pa.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Judson Mfg. Co., 819 Folsom, San Francisco, Cal.
Kansas City Bolt & Nut Co., Kansas City, Mo.
La Belle Iron Works, Steubenville, O.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Norton Iron Works, Ashland, Ky.
Old Dominion Iron & Nail Works Co., Richmond, Va.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction R. R., Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, O.
Scranton Bolt & Nut Co., Scranton, Pa.
Severence S. Mfg. Co., 3d, Pittsburgh, Pa.
Sylvester Co., 141 Milk, Boston, Mass.
Tredegar Co., Richmond, Va.
Tremont Nail Co., West Wareham, Mass.

Spikes (Track)

See Spikes, Railroad Track

Spikes (Wharf)

See Spikes, Ship, Dock & Bridge

13926— Spikes (Wire)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Cambria Steel Co., Widener bldg, Philadelphia, Pa.
Crawfordsville Wire & Nail Co., Crawfordsville, Ind.
Gulf States Steel Co., Birmingham, Ala.
Kelly Nail & Iron Co., Ironton, O.
Kokomo Steel & Wire Co., Kokomo, Ind.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Philips, Townsend & Co., N 4th & Glenwood av, Phila., Pa.
Wire Goods Co., Worcester, Mass.
Youngstown Sheet & Tube Co., Youngstown, O.

13927— *Spikes (Wood)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

13927a— Spindles (Carriage)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

13928— Spindles (Clamp)

GEM MFG. CO. ("Gem," for Holding Buffing & Polishing Wheels, etc), Goebel nr Fulton, N S, Pittsburgh, Pa.
See adv index at end of book

13929—Spindles (Drill & Lathe)

Horsburgh Forge Co., 17310 St. Clair, Cleveland, O.
National Forge & Tool Co., Erie, Pa.
The Hammond Steel Co., Inc., Solvay, N. Y.
Titusville Forge Co., Titusville, Pa.

13929a—Spindles (Furniture)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

13930—Spindles (Machine Tool)

Hammond Steel Co., Solvay, N. Y.
Horsburgh Forge Co., 17310 St. Clair, Cleveland, O.
Machinery Forging Co., Hamilton av & Marquette, Cleveland, O.
Ohio Forge Co. (Forged), Cleveland, O.
Pennsylvania Forge Co., Wakeling & Bermuda, Philadelphia, Pa.
Vulcan Steam Forging Co., 251 Rano, Buffalo, N. Y.

13930a—Spindles (Screen Door)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

13931— Spindles (Wood)

Bogert & Hopper Co. (Carriage Furniture & Turned & Twisted Wood, etc), 67 Barclay, New York
Dann Bros. & Co., New Haven, Conn.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Established 1847 **E. B. Estes & Sons**
Manufacturers of
WOODEN SPINDLES
For Furniture, Screen Doors, Toy Work, Carriages, Knobs Betwells, Dowel Rods, Automatic Lathe Work a Specialty.
364 5th Ave. New York City

Frary Mfg Co., Charlemont, Mass.
Rowe Henry Mfg. Co., Newaygo, Mich.
Stephenson Mfg. Co. (Turned & Twisted, for Furniture, Carriages, etc), South Bend, Ind.

13932— Spinning (Metal)

American Metal Ware Co., 368 W Huron, Chicago, Ill.
Badger E. B. & Sons Co., 75 Pitts, Boston, Mass.
Barlow Co., Holyoke, Mass.
Bassemir John & Son, 87 Frankfort, New York
Boekel Wm. & Co., 518 Vine, Phila., Pa.
Braun David J. Mfg. Co., 6800 N Ashland av, Chicago, Ill.
Broschart & Braun, 601 W 130th, New York
Century Metal Spinning & Stamping Co., 49 Elizabeth, New York
Consolidated Mfg. Co., Dayton, O.
Crescent Brass Mfg. Co. (All Metals), Cleveland, O.
DAHLQUIST MFG. CO., 40 W 3d, So. Boston, Mass. *See adv index at end of book*
Detroit Art Metal Co., Detroit, Mich.
Detroit Metal Spinning Co., 197 Monroe av, Detroit, Mich.
Detroit Shipbuilding Co. (Brass Dept.), Detroit, Mich.
Eberhard Geo., 9 Calender, Providence, R. I.
Flint Elec. & Mfg. Co., Denver, Colo.
Fowler Lamp & Mfg. Co., 59 E 24th, Chicago, Ill.
Friedley-Voshardt Co. (Inc.) (Brass & Copper), 733 S Halsted, Chicago, Ill.
Gerstein Bros. & Cooper, 3 W 3d, So. Boston, Mass.
GEUDER, PAESCHKE & FREY CO. (In all Metals), Milwaukee, Wis.
See adv index at end of book
Giese Mfg. Co. (German Silver, Copper, Brass & Steel), 260 S 5th, Phila., Pa.
Glaser A., 61 Frankfort, New York
Hergert Theo. E., 422 E 53d, New York
Howard Jas. L. & Co., Hartford, Conn.
Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill.
See adv index at end of book
Ireland & Matthews Mfg. Co., Detroit, Mich.
Klause Chas., 460 N 12th, Phila., Pa.
Magosy & Buscher, 118 Walker, New York
Metal Crafters (The), East Stroudsburg, Pa. *See adv index at end of book*
Miller & Doing, 60 York, Brooklyn, N. Y.
National Metal Spinning & Stamping Co., 176-180 Grand, New York
Naugatuck Mfg. Co., Naugatuck, Conn.
North Star Spinning & Mfg. Co., St. Paul, Minn.
Partenheimer Otto, 2 Howard, New York
Phila. Metal Stamping Co., 2215 Chestnut, Phila., Pa.
Pittsburgh Lamp, Brass & Glass Co., **130 7th, Pittsburgh, Pa.**
Pritchard Stamping Co., Rochester, N. Y.
Providence Metal Spinning Co., 185 Eddy, Providence, R. I.
Riverside Metal Co., Riverside, N. J.
Salch Geo. J., 239 Centre, New York
Scovil Mfg. Co., Waterbury, Conn.
See adv index at end of book
Scrannage Bros., 77 Travers, Boston, Mass.
Skidd Chas. Mfg. Co., Kenosha, Wis.
Smith of N. Y. Co., 352 Pearl, New York
Standard Metal Spinning Co., 138 Mott, New York
Union Spinning & Plating Co., 67 Sudbury, Boston, Mass.
Vogel Wm. & Bros., 37 S 9th, Brooklyn, N. Y.
Weimer C. A., Lorain, O.

13933—Spirals for Concrete Columns

American System of Reinforcing ("Unit"), 10 S La Salle, Chicago, Ill.
Concrete Steel Co., 42 Broadway, New York
Republic Structural Iron Works Co., 1350 E. 53d, Cleveland, O.

13934— Spirits (Cologne)

American Distributing Co., 27 William, New York
American Spirits Mfg. Co., 27 William, New York
Jefferson Distilling & Denaturing Co., Harvey, La.
Standard Distilling & Distributing Co., 27 William, New York
United States Industrial Alcohol Co., 27 William, New York

13935— Spirits (Wood)

See also Alcohol, Wood

Georgia Pine Turpentine Co., 160 Perry, New York, & Fargo, Ga.
Peninsular Naval Stores Co., Jacksonville, Fla.
Willcox-Ives Oil Co., Savannah, Ga.

13935a—*Spittoons (Galvanized, Japanned Enameled)

See also Cuspidors

GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis. *See adv index at end of book*

13936— Spittoons (Railway)

Indiana Hollow Ware Co. ("Inter-Urban," for Street & Ry cars, with Adjustable Fastened Cover), Jeffersonville, Ind.

13937—Spittoons (Steel Factory)

See also Cuspidors

Cleveland Blow Pipe & Mfg. Co. (Wash Sinks), 6950 Kinsman rd, Cleveland, O.
Cleveland Wire Spring Co., Cleveland, O.
OHIO MFG. CO., P. O. Box 358, Painesville, O. *See adv index at end of book*
Vogel Wm. & Bros., 37 S 9th, Brooklyn, N. Y.

13938— Splicers (Cable)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Leschen A. & Sons Rope Co. (For Wire Cables), 920 N 1st, St. Louis, Mo.

13939—Splicers (Register, Bell & Trolley Cord)

Wood Chas. N. Co. ("C. N. W."), 14 Federal, Boston, Mass.

13940— Splicers (Wire)

Electric Railway Equip't Co. ("Clark" & "K. I." Trolley), Cincinnati, Ohio
Ohio Brass Co. ("O. B." Trolley Wire), Mansfield, O.
Wagner Mfg. Co. ("Little Giant"), Cedar Falls, Ia.

13941—Splicers (Wire Fence)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book

13941a—*Splints (Match & Kindergarten)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

13942— Splints (Surgeons')

ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Safety First Supply Co., Hartje bldg., Pittsburgh, Pa.

13942a—*Splints (Wire Gauze)

WRIGHT WIRE CO. ("Excelsior"), Worcester, Mass.
See adv index at end of book

13942b—*Split Leather Solutions

Du Pont Chemical Works, 120 Broadway, New York

13943— Splitters (Nut)

Carolus Mfg. Co., Sterling, Ill.
Whisler John ("Whisler"), Gibson, Ia.

13944—Spokes (Motor Cycle & Bicycle)

Torrington Co., The Standard Plant ("Diamond E."), Torrington, Conn.

13944a—Spokes (Wagon & Carriage Wheel)

Allen J. W., Scottsville, Ky.
Arkins Bros., Attoway, Va.
Armstrong Wm. H., South Coventry, Conn.
Avoca Wheel Co. (Hickory), Avoca, N. Y.
Bailey C. & Co., Elimsport, Pa.
Baldwin Bros. (Wagon), Ironton, Mo.
Baltimore Hub-Wheel & Mfg. Co., Fallsway & Gay, Baltimore, Md.
Batesville Mfg. Co. (Buggy), Batesville, Miss.
Beveridge & Taylor, Bristol, Tenn.
Bimel-Ashcroft Mfg. Co., Dermott, Ark.
Bimel-Ashcroft Mfg. Co., Poplar Bluff, Mo.
Bimel Spoke & Auto Wheel Co., Portland, Ind.
Bookwalter Wheel Co., Miamisburg, O.
Breece Mfg. Co., Portsmouth, O.
Buckeye Handle, Gear & Bending Co., Alliance, O.
Buckley John, Hub, Spoke & Wheel Co., 969 N 2d, Phila., Pa.
Buffington Wheel Co., Burlington, Ia.
Burroughs-Ross-Colville Co., McMinnville, Tenn.
Byrn Bros., Brownsville, Tenn.
Campbell M. R., Tullahoma, Tenn.
Cheney Bros. (Carriage), Jamaica, Vt.
Clark-Gay Mfg. Co., Little Rock, Ark.
Cone Jos. D., North Vernon, Ind.
Crane & MacMahon, 10 Bridge, New York
Cumberland Valley Spoke & Bending Co. (& Automobiles), Hagerstown, Md.
Doles Edwin E., Greensburg, Ind.
Donges John & Co., Hamilton, O.
Dresden Spoke Co., Dresden, Tenn.
Eberly & Orris Mfg. Co., Mechanicsburg, Pa.
Farmville Mfg. Co., Farmville, Va.
Fulton Conway & Co., Louisville, Ky.
Gagley Joseph & Son, Baldknob, Ark.
Galloway-Kennedy Co., Clarendon, Ark.
Garrett Wm., Canandaigua, N. Y.
Gladding C. B., Geneva, O.
Graham Thos. & Co., Madison, Ind.
Hart Lumber & Mfg. Co., Inc., Martinsville, Va.
Hartwell Bros., Chicago Heights, Ill.
Hickson-Rogers Mfg. Co., Paragould, Ark.
Hinkel J. K. Mfg. Co. (Hickory), Mechanicsburg, Pa.

Holt Bros. Mfg. Co., Concord, N. H.
Hoopes Bro. & Darlington (Inc.), West Chester, Pa.
Hoyt John Co., Delaware, N. J.
Hub Mfg. Co., Jonesboro, Ark.
I. X. L. Handle Mfg. Co., Dexter, Mo.
Jonesboro Spoke Co., Jonesboro, Ark.
Keller & Tamm Mfg. Co., Victor & Levee, St. Louis, Mo.
Kelsey Horatio, Clinton, Conn.
Kerr L. S. D., Frenchtown, N. J.
Kingston Spoke Mfg. Co., Kingston, Ark.
Koller J. B. & Co., Mechanicsburg, Pa.
Lack Singletree Co. ("Noxall," "National"), Paducah, Ky.
Lamb-Fish Lumber Co., Charleston, Miss.
Landis S. H. & Bro., Quakertown, Pa.
Lebzelter Phillip & Son Co., Lancaster, Pa.
Liles Bros., Forest, Miss.
Lindsay D. M., Newport, Tenn.
Little J. W., Paducah, Ky.
Little Kos., Kennett, Mo.
Longworth I. R. Co., Somerset, Ky.
Look & Lincoln, Marion, Va.
McGlone Bros., Morehead, Ky.
MacKinnon F. Mfg. Co. (Birch), Grand Rapids, Wis.
Manchester Mfg. Co., Manchester, Tenn.
Marianna Spoke Co., Marianna, Ark.
Medina Bending Works, Medina, O.
Minton T. W. & Son, Barbourville, Ky.
Ness Bros. & Co., York, Pa.
Ohio Spoke & Bending Co., Botkins, O.
Ort & Lang (Hickory), Vanceburg, Ky.
Owensboro Wagon Co., Owensboro, Ky.
Paragould Handle Mfg. Co., Paragould, Ark.
Pennock-Walter Mfg. Co., Algood, Tenn.
Petersburg Rim & Veneer Co., Petersburg, Va.
Peterson Samuel, Warren, Pa.
Pinneo & Daniels Co., Dayton, O.
Piper B. H. Co., Manchester, N. H.
Red Star Spoke Co., Fayettesville, Ark.
Reuter Hub & Spoke Co., Dexter, Mo.
Rock City Spoke Co., Nashville, Tenn.
Sanders Alva Spoke Factory, Ashland, Ky.
Schmidt & Stork Wagon Co., West Bend, Wis.
Selma Spoke Mfg. Co., Selma, Ala.
Seymour Mfg. Co., Seymour, Ind.
Shortsville Wheel Co., Shortsvile, N. Y.
Shupp Simon, Effort, Pa.
Small W. E. Spoke Mfg. Co., Corinth, Miss.
Southern Indiana Mfg. Co., Birdseye, Ind.
Southern Spoke & Mfg. Co., Shelby, Miss.
Southern Wheel Stock Co., Ironton, O.
Spring Valley Spoke, Stave & Heading Co., Spring Valley, Wis.
Standard Wheel Co., Terre Haute, Ind.
Stevens A. E. & Co., Portland, Me.
Stinson Edward Mfg. Co., 327 North, Baltimore, Md.
Tell City Spoke Co., Tell City, Ind.
Thomasville Spoke Works Co., Thomasville, N. C.
Tubb J. R., Sparta, Tenn.
Turnbull Wagon Co. (Wagon Wheel), Defiance, O.
Tusclometa Spoke Co., Forest, Miss.
Union Spoke & Bending Co., Union City Ind.
Von Behren Mfg. Co., Evansville, Ind.
Wayne Spoke & Bending Co., Fort Wayne, Ind.
Weis & Lesh Mfg. Co., Muncie, Ind.
Wheel & Wood Bending Co., Bridgeport, Conn.
Wheetley Spoke Co., Wheetley, Ark.
Whitaker Bros. Co., Meridian, Miss.
Wildermuth Bending Co., Columbus, O.

13945— Sponge Rubber

Empire Tire & Rubber Corp., East Trenton, N. J.
Faultless Rubber Co. (For Stamp Makers), Ashland, O.
Featheredge Rubber Co. ("Featheredge"), **408 W Grand av, Chicago, Ill.**
Goodrich B. F. Co. (For Rubber Stamps, etc), Akron, O.
Mattson Rubber Co., Lodi, N. J.

13946— Sponges

Bartlum Geo. L. (Sponge Shipper), Key West, Fla.
Block Joseph (Inc.) (Imp), 51 Cliff, New York
Blum R., 108 Pearl, Boston, Mass.
Borgfeldt Geo. & Co., 16th & Irving pl, New York
Burk Wm. B. & Co., (Importers), 6th & Arch, Philadelphia, Pa.
Carbondale Sponge Co. (Imp), 89 Fulton, New York
Cates Samuel, Key West, Fla.
Cheyney John K., Tarpon Springs, Fla.
Ettman H. L. Sponge Co., 1112 Pine, St. Louis, Mo.
Fossol John & Co., Tarpon Springs, Fla.
Fuchs Max Co. (Imp), 244 Pearl, New York York
Greek-American Sponge Co., 300 W Randolph, Chicago, Ill.
Isaacs A. & Co. (Imp), 58 Beekman, New York
Lampel F. L., 315 Locust, St. Louis, Mo.
Lasker & Bernstein (Imp), 161 William, New York
Leousi, Clonney & Co., 39 Walker, New York
Louden & Hill, 624 Arch, Philadelphia, Pa.
Moses A. Sons & Co., 73 Wooster, New York
National Sponge & Chamois Co., 158 William, New York
Rhodes Jas. H. & Co. (Producers & Bleached), 157 W Austin av, Chicago, Ill.

13947— Sponges (Rubber)

Faultless Rubber Co., Ashland, O.
Featheredge Rubber Co., 408 W Grand av, Chicago, Ill.
Mattson Rubber Co., Lodi, N. J.
Miller Rubber Co., Akron, O.

Spool Mfrs.

See Textile Machinery, Supplies, Etc

13947a— Spools (Belting)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

13948— Spools (Catenary)

Electrose Mfg. Co., 70 Washington, Brooklyn, N. Y.

13949—Spools (Cord, Electric Wire)

McGill Mfg. Co. ("Universal"), 77 Oak, Valparaiso, Ind.
See adv index at end of book

13950-1—Spools (Field Magnet)

Hemming Mfg. Co., Garfield, N. J.
Vulcanized Products Co. ("Gohmak" Wood Pulp), Muskegon, Mich.

13952— Spools (Metal)

American Pulley Co. (Pressed Steel), 114 S Clinton, Chicago, Ill.
Mossberg Frank Co. (Stamped Steel for Annealing, Spooling-Wire, Cordage, Chain, etc), Attleboro, Mass.

13953— Spools (Wooden)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Established 1847
E. B. ESTES & SONS
Manufacturers of **SPOOLS**
For Silk and Cotton Thread, Cordage, Wire, Etc.
364 5th AVENUE NEW YORK CITY

13953a—Spools (Wooden, for Wire)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

13954— Spoons (Aluminum)

Aluminum Goods Mfg. Co., Manitowoc, Wis.
Glogan & Co., Dickey bldg, Chicago, Ill.
Wagner Mfg. Co., Sidney, O.

13955—Spoons (Basting & Mixing)

Buckeye Aluminum Co. ("Real Solid" Aluminum), Wooster, O.
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Peoria Can Co. (Mixing Only), Peoria, Ill.
Potter Mfg. Co. ("Potter"), Geneva, O.
Stuber & Kuck ("Perfection" Mixing), Peoria, Ill.
White Ira F. & Son Co. (Perforated, Slotted, "Whirlpool"), Bloomfield, N. J.

13956—Spoons (Chafing Dish)

Rochester Stamping Co., Rochester, N. Y.

13957— Spoons (Digging)

See also Shovel & Spade Manufacturers
Ames Shovel & Tool Co. (Telegraph, etc), Ames bldg, Boston, Mass.
Beall Bros., Alton, Ill.
Chisholm's Steel Shovel Wks., Cleveland, O.
Columbus Handle & Tool Co., Columbus, Ind.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Indiana Shovel Co., New Castle, Ind.
Pfeifer Jno. & Co. (Ltd.), 222 Race, Phila., Pa.
Pittsburgh Shovel Co., Oliver bldg, Pittsburgh, Pa. Works: Leechburg, Pa.
Ransome-Leach Co., 115 B'way, New York
Russell John C. Chovel Co., 336 4th av, Pittsburgh, Pa.
Wyoming Shovel Works, Wyoming, Pa.

13958— Spoons (Drossing)

Wilfong Millard F. Iron Works Co., 5199 Gray's av, Phila., Pa.

13959— Spoons (Ice Cream)

Giles & Nielsen Nickel Works, Troy, N. Y.
National Enameling & Stamping Co. (Forged, Re-Tinned Wooden Handle), 411 5th av, New York

13960— Spoons (Ladle)

Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.

13961-2—Spoons (Miners')

Hardsocg Mfg. Co., Ottumwa, Ia.

Spoons (Mustard)

See Spoons, Wooden

13963— Spoons (Paper)

American Water Supply Co., 251 Causeway, Boston, Mass.
Atlas Mfg. Co. (Ice Cream, etc), New Haven, Conn.

13964— Spoons (Pitting)

Emrich Phil., 824 Main, Cincinnati, O.
Ontario Knife Co. ("California"), Franklinville, N. Y.

13965— Spoons (Skimming)

Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.

13966-7—Spoons (Strainer)

Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Lalance & Grosjean Mfg. Co., 299 B'way, New York

Spoons (Table, Silver & Silver Plated)

See Silverware, Table

Spoons (Telegraph)

See Shovels, Spades & Scoops; also Spoons Digging

13968— Spoons (Tinned)

Atlas Mfg. Co. (Ice Cream), New Haven, Conn.
Benedict Mfg. Co., East Syracuse, N. Y.
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Central Stamping Co., 174 Fulton, New York
Dover Stamping & Mfg. Co., Cambridge, Mass.

SPOONS (TINNED)—continued

Grammes L. F. & Sons (Ice Cream), Allentown, Pa. *See adv index at end of book*
Grasberger B. A. & Co., Richmond, Va.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Lisk Mfg. Co. (Anti-Rust), Canandaigua, N. Y.
National Enameling & Stamping Co., 411 5th av, New York
Parker Chas. Co., Meriden, Conn.
Peoria Can Co., (Ice Cream), Peoria, Ill.
Russell J. Cutlery Co., Turners Falls, Mass.
Wallace R. & Sons Mfg. Co., Wallingford, Conn.
Yale C. I. Mfg. Co. (Steel), Yalesville, Conn.

13969—Spoons (Wood Handle)

Potter Mfg. Co. ("Acme" Egg, Cake, etc. National & Slotted), Geneva, O.

13970— Spoons (Wooden)

Bogert & Hopper (Mustard, etc), 67 Barclay, New York
Chapman-Sargent Co., Perrysburg, O.
Estes E. B. & Sons (Mustard, etc), 364 5th av, New York
See adv index at end of book
Peirce W. E. & Co., Milford, N. H.
Richardi & Bechtold, Bellaire, Mich.

13970a—Sporting Goods (Wood)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

13971—Sporting & Athletic Goods Mfrs.

See also the Specified Article Required
Ashland Mfg. Co. (Full Line), 43d & Hermitage av, Chicago, Ill.
Brauer Bros. Mfg. Co. ("Moose" Brand of Leather Sporting Gun Goods), 204 N 14th, St. Louis, Mo.
Buchheimer Geo. H., 1004 Rutland av, Baltimore, Md.
Chicago Sporting Goods Mfg. Co. (Baseballs, Gloves, Mitts & Uniforms, etc), 123 S Jefferson, Chicago, Ill.
Daily Mfg. Co., 432 E 7th, St. Paul, Minn.
Draper Maynard Co., Plymouth, N. H.
Dudley Chas. H. (Complete Equipment for Base & Foot Balls, Tennis, Gymnasium, etc), Hanover, N. H.
Giant Mfg. Co. (Jobbers) Council Bluffs, Iowa
Goodrich B. F. Co. (Rubber Goods for Baseball, Golf, Tennis, etc), Akron, Ohio
Hellenberg J. B. Co. (Indian Clubs, Dumbbells, Horizontal Bars, Ten Pins & Indoor Sporting Goods), Coldwater, Mich.
Hill Richard F., 219 High, Newark, N. J.
Hillerich J. F. & Sons Co. ("Louisville Slugger" Bats), Louisville, Ky.
Hygienic Fleeced Underwear Co. (Suits, Sweaters, Coats, Stockings, etc), 2415 Howard, Philadelphia, Pa.
Jarvis W. B. Co. ("Ty Cobb" Baseball, Tennis & Athletic Goods), Grand Rapids, Mich.
Johnson's Iver Arms & Cycle Works, Fitchburg, Mass.
Kimball-Upson Co. (Jobbers), Sacramento, Cal.
Leacock B. J. Sporting Goods Co. (Baseball, Golf & Tennis Goods), 810 Pine, St. Louis, Mo.
Lee Harry C. & Co. (Tennis & Golf Specialties), 97 Chambers, New York
McLoughlen, Bundy & Sinsbaugh, Haas bldg, Los Angeles, Cal.
New York Sporting Goods Co., 15 Warren, New York
Peach J. A., Gloversville, N. Y.
Peerless Athletic Supply Co. (Exercises), 383 Pearl, Brooklyn, N. Y.
Rawlings Mfg. Co. ("Reynolds" Catchers' Mitts), 23d & Lucas av, St. Louis, Mo.
Reach A. J. Co., Tulip & Palmer, Philadelphia, Pa.
Scientific Physical Culture Co. (Striking Bag Platforms), 564 Jackson blvd, Chicago, Ill.
Schovering, Daly & Gales (Dealer), 302 B'way, New York
Sell Horse Goods Co., Canton, O.
Sharp & Smith (Jockey Straps), 155 N Michigan av, Chicago, Ill.
Simmons Hardware Co., 9th & Spruce, St. Louis, Mo.
Spalding A. G. & Bros. (Full Line), 126 Nassau, New York
Stall & Dean Mfg. Co. (Everything for Baseball, Football, etc), Brockton, Mass.
Treinis Bros. (Athletic Clothing), 126 13th, Brooklyn, N. Y.
Tryon Edw. K. Co. (Baseball Goods, etc), 611 Market, Phila., Pa.
Utica-Duxbak Corp. (Mackinaws & Sporting Garments), Utica, N. Y.
Victor Sporting Goods Co., Springfield, Mass.
Ware Walter F. Co. (Jock Supporters), 1034 Spring, Phila., Pa.
Western Sporting Goods Mfg. Co., 126 N Union av, Chicago, Ill.
Weed Lewis M. Co., Inc., Binghamton, N. Y.
Wilson Thos. E. & Co., 701 N Sangamon av, Chicago, Ill.
Wright & Ditson, 344 Washington, Boston, Mass.

13971a—*Spouting (Concrete)

See also Chutes, Concrete
Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

13972— Spouts (Bung)

Kraft A. C. ("Wilson"), 323 W Lake, Chicago, Ill.

13973— Spouts (Can)

Marsh Mfg. Co. (Spouts & Faucets for Tin Cans) 56 Pine, New York
Sexton Can Co. ("Sextons" Swivel), 228 Franklin, Boston, Mass.

13974—*Spouts (Coaling Station)

LINK-BELT CO. 39th & Stewart av, Chicago, Ill. & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

13975— Spouts (Grain)

Great Western Mfg. Co., Leavenworth, Kan.
Hart Grain Weigher Co. (For Use With Portable Elevators), Peoria, Ill.

13976— Spouts (Sap)

Breck James & Sons Corp., 55 Franklin, Boston, Mass.
Foster Harry H., Cabot, Vt.
Franklinville Canning Co. ("Anchor"), Franklinville, N. Y.
Grimm G. H., Rutland, Vt.
Hunting Co. ("Willis"), Watertown, N. Y.

13976a— *Spouts (Wood)

ESTES E. B. & SONS, 364 5th av, New York. *See adv index at end of book*

13976b— *Spray Outfits

American Spray Co., 26 Cortlandt, New York
MEYERS F. E. & BRO. (Pressure Controller, Senior, Special), 800 Orange, Ashland, O.
See adv index at end of book

13977—*Sprayers (Blacking Swab)

MAC LEOD CO., 2227 Bogen, Cincinnati, Ohio *See adv index at end of book*

13977a— Sprayers (Cart)

DEMING CO. ("Planters," "Gardners' Choice," "Liberty Farmers' Friend"), Salem, O. *See adv index at end of book*

13978— Sprayers (Mine)

American Moistening Co. (to **Prevent Explosions in Coal Mines), 120 Franklin,** Boston, Mass.
Stine S. B., Osceola Mills, Pa.

13979-80—Sprayers (Potato, Etc.)

Aspinwall Mfg. Co., Jackson, Mich.
Brandt Mfg.. Co. ("Simplex," "Brandt," "Perfection"), 310 3rd av N, Minneapolis, Minn.
Champion Potato Machine Co. ("O. K. Champion" Four Row), Hammond, Ind.
Crown Mfg. Co., Phelps, N. Y.
Dust Sprayer Mfg. Co., 1222 W 9th, Kansas City, Mo.
Field Force Pump Co., Elmira, N. Y.
Harry Bros. Mfg. Co. (Hand "Atomist"), 282 Woodridge E., Detroit, Mich.
Lauson-Lawton Co. De Pere, Wis.
Lawrence-Bostwick Mfg. Co. (Ltd.) ("Star" Hand), Phelps, N. Y.
Leggett & Bro. ("Champion," "Brownie," "Little Giant," "Jumbo"), 301 Pearl, New York
Lisk Mfg. Co. (Ltd.) ("Lisk" Hand), Canandaigua, N. Y.
McKenzie Bros. Mfg. Co. ("Egan," "La Crosse," "McKenzie"), La Crosse, Wis.
MYERS F. E. & BRO. ("Myers," Myers Wheelbarrow) 800 Orange, Ashland, O.
See adv index at end of book
Pugh Mfg. Co., Topeka, Kan.
Stevens Mfg. & Foundry Co. ("Steitz"), Decatur, Ill.

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Spraying Apparatus

See Pumps, Spraying; also Spraying Machines

13981—Sprays (Rubber Bath)

Tyer Rubber Co. ("Tyrian," Single & Double Faucet Connection), Andover, Mass.
Vant, Woud Rubber Co., 168 39th, Brooklyn, N. Y.

13982— Sprays (Urinal)

Acheson Mfg. Co., Rankin, Pa.
I. X. L. Pump & Mfg. Co., 957 N 9th, Phila., Pa.
Perkes Chas., 627 Arch, Phila, Pa.
Speakman Supply & Pipe Co., Wilmington, Del.

13983— Sprays (Water, for Acid Chambers)

American Spray Co., 26 Cortlandt, New York
Pratt Engineering & Machine Co., Atlanta, Ga.
Schutte & Koerting Co., 1251 N 12th, Phila., Pa.

13984— Sprays (Water, for Rock Drills)

INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*

13985— Spreaders (Automobile Spring)

Cincinnati Tool Co., Norwood, Cincinnati, Ohio ***See adv index at end of book***

13986— Spreaders (Concrete)

Acme Equipment & Engineering Co. ("Acme," Controllable), Garfield bldg, Cleveland, O.

13987—Spreaders (Earth, Ballast & Snow Plow Combined)

Jordan O. F. Co. (Pneumatic), 333 S Michigan av, Chicago, Ill.

Spreaders (Glue)

See Glue Spreading Machinery

13988— Spreaders (Lime)

Hench & Dromgold Co., ("Economic") York, Pa.
Kemp N. J. Co. ("Kemp Climax"), Batavia, N. Y.
Keystone Machine Co., York, Pa.
Massey-Harris Harvester Co., Batavia, N. Y.
Ontario Drill Co., East Rochester, N. Y.

13989— Spreaders (Manure)

Appleton Mfg. Co. ("Appleton"), Batavia, Ill.
Bloom Mfg. Co., Nashua, Ia.
Dakota Plow & Wagon Co., Sioux Falls, S. D.
Emerson-Brantingham Co. ("Emerson" Low Down), Rockford, Ill.
Ertel Geo. Co., Quincy, Ill.
Galloway Wm. Co., Waterloo, Ia.
Glen Wagon & Car Corp. ("Glin"), Cortland, N. Y.
Harder Mfg. Co. ("Fearless"), Cobleskill, N. Y.
International Harvester Company of America (Inc.) (Low Corn King—Low Clover Leaf—Low 20th Century), 702 Harvester bldg, Chicago, Ill.
Johnston Harvester Co., Batavia, N. Y.
Litchfield Mfg. Co. ("Litchfield"), Waterloo, Ia.
Mandt Wagon Co., Stoughton, Wis.
Marseilles Works ("Success," "John Deere," also Straw), East Moline, Ill.
Moline Plow Co. ("Flying Dutchman," "Moline" & Wagon Box), Moline, Ill.
New Idea Spreader Co. ("New Idea," "Lowest Low-Down," "Coldwater") Coldwater, O.
Oliver Chilled Plow Works ("Black Hawk"), South Bend, Ind.
One Minute Mfg. Co., Newton, Ia.
Richardson Mfg. Co., Worcester, Mass.
Robinson Spreader Co., Vinton, Ia.
Rock Island Plow Co. ("Great Western"), Rock Island, Ill.
Ross E. W. Co., Springfield, O.
Rude Mfg. Co., Liberty, Ind.
Sechler D. M. Implement & Carriage Co. ("Black Hawk"), Moline, Ill.
Superior Mfg. & Mill Co., Springfield, O.
Waterloo Gasoline Engine Co. ("Waterloo Boy"), 625 Miles, Waterloo, Ia.
Wood Walter A., Mowing & Reaping Machine Co. ("Fearless"), Hoosick Falls,

13990-1—Spreaders (Rubber Mill)

American Tool & Machine Co. (For Coating Textile Fabrics), 10 High, Boston, Mass.
Birmingham Iron Foundry ("Birmingham"), Derby, Conn.
New England Butt Co., 304 Pearl, Providence, R. I.

13992— Spreaders (Wire)

Line Material Co. (Arms & Wire Spreaders), So. Milwaukee, Wis.

13993— Spring Dampener

McCord & Co. ("McCord"), 122 S Michigan av, Chicago, Ill.

13993a—*Spring Oilers (Leaf)

Brown Spring Oiler Co. ("Relic" & "Brown"), 6911 Carnegie av, S E, Cleveland, O.
Spring Leaf Lubricator Co., Ann Arbor, Mich.

13994—Springs (Agricultural Implement)

See also Springs, Machinery

American Spiral Spring & Mfg. Co., 56th & A. V. R. R., Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Babcock Mfg. Co., Leonardsville, N. Y.
Bridgeport Chain Co. (Miller Wire Spring Dept.), Bridgeport, Conn.
Cambria Steel Co., Widener bldg, Philadelphia, Pa.
Cleveland Wire Spring Co. (Wire), Cleveland, O.
Cook Spring Co., 420 E 106th, New York
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
CUYAHOGA SPRING CO., 16609 Waterloo rd, Cleveland, O.
See adv index at end of book
Fischer Chas. Spring Co., 473 Kent av, Brooklyn, New York
Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.
General Spring & Wire Co., 26 Morrow, Detroit, Mich.
Gibson Wm. D. Co., 1800 Clybourn av, Chicago, Ill.
Harrow Spring Co. (Cultivator Sectional, etc.), Milwaukee, Wis.
Hubbard M. D. Spring Co., Pontiac, Mich.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
New York Wire & Spring Co., 588 Washington, New York
Pittsburgh Spring & Steel Co., Farmer's Bank bldg, Pittsburgh, Pa.
Railway Steel Spring Co., 30 Church, New York
Sabin Machine Co., Montpelier, Vt.
Springfield Spring Co., Springfield, O.
Union Spring & Mfg. Co., New Kensington, Pa.
Wilson Robt. P., 320 Market, Newark, N. J.

Springs (Air Brake)

See Springs, Coil or Spiral

13995— Springs (Automobile)

See also Springs, Various Kinds; also Shock Absorbers

American Spiral Spring & Mfg. Co., 56th & A. V. R. R., Pittsburgh, Pa.
Auto Parts Mfg. Co., Detroit, Mich.
BARNES THE WALLACE CO. ("Barnes Made"), 18 Wallace, Bristol, Conn.
See adv index at end of book
Betts Spring Co., 888 Folsom, San Francisco, Cal.
Boyd F. Shirley, 903 Boylston, Boston, Mass.
Cambria Spring Co., Los Angeles, Cal.
Cary Spring Works (Small), 240 W 29th, New York
Christie Alex, Seattle, Wash.
Cleveland Wire Spring Co. (Wire), Cleveland, O.
Cook Chas. A. & Co., 3911 2d, B'klyn, N. Y.
Cook Spring Co., 420 E 106th, New York
Cooper Spring Co., Cleveland, O.
CUYAHOGA SPRING CO., 16609 Waterloo rd, Cleveland, O.
See adv index at end of book

SPRINGS

FOR ALL PURPOSES

Made of Music, Vanadium or Carbon Steel Wire
Up to ½" Round

We Can Make Prompt Shipment as a Large Stock of All Gauges Is Carried at All Times

SEND US YOUR SPECIFICATIONS

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Don't Forget That We Are Wire Form Specialists Also. Our Specially Built Automatic Machines Are Yours to Serve and Save

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SPRINGS (AUTOMOBILE)—continued

Delany Daniel & Son, Hamilton, Newark, N. J.
Detroit Steel Products Co., Detroit, Mich.
Detroit Wire Spring Co. (Wire), Detroit, Mich.
Dunbar Bros Co. ("Dunbar" Springs), Bristol, Conn.
Earl Automobile Works, Los Angeles, Cal.
Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.
FRASSE PETER A. CO. (INC.), 417 Canal, New York *See adv index at end of book*
Garden City Spring Works, 2300 Archer, Chicago, Ill.
Harvey Spring & Forging Co., Racine, Wis.
Higgins Spring & Axle Co., Racine, Wis.
Hill-Smith Metal Goods Co.., 88 Pearl, Boston, Mass.
Hoover Spring Co. ("Hoover Perfect"), 617 Turk, San Francisco, Cal.
Iron City Spring Co., 2920 Smallman, Pittsburgh, Pa.
Jackson Cushion Spring Co. ("Rough Rider," "Advance"), Jackson, Mich.
Kalamazoo Spring & Axle Co., Kalamazoo, Mich.
Keystone Spring Works ("Keystone"), **13th & Buttonwood, Philadelphia, Pa.**
Liggett Spring & Axle Co., Monongahela, Pa.
Mather Spring Co. ("Mather Vanadium" & "Mather Crescent"), Toledo, O.
Merrill E. R. Spring Co., 530 W 28th, New York
Miller & Van Winkle ("Eagle," Springs of Every Description), 18 Bridge, Brooklyn, N. Y.
Morgan Spring Co., Worcester, Mass. *See adv index at end of book*
National Spring Co., New Castle, Ind.
New York Wire & Spring Co. (All Kinds, 588 Washington, New York
Otter Mfg. Co., Inc. (All Tempered, Flat & Spiral), 243 W 17th, New York
Palmer Jos., 333 Rutherford av, Boston, Mass.
Penn Spring Works, Baldwinsville, N. Y.
Pittsburgh Spring & Steel Co., Farmer's Bank bldg, Pittsburgh, Pa.
Pneumatic Cushion Co., 179 Grove, San Francisco, Cal.
Pullau Steel Spring Co., Mt. Clemens, Mich.
Richards Albert J., 632 W Jefferson, Louisville, Ky.
Rowland Wm. & Harvey ("W. & H. Rowland"), Tacony & Lewis, Philadelphia, Pa.
Sheldon Axle & Spring Co. ("Sheldon," "Anchor" & "Dragon"), Wilkes Barre, Pa.
Springfield Spring Co., Springfield, O.
Spring Perch Co. (Pleasure & Truck), Bridgeport, Conn.
Standard Parts Co., The, Cleveland, O. *See adv index at end of book*
Sterling Spring Co. ("Sterling"), 2148 Scranton rd, Cleveland, O.
Tuthill Spring Co. ("Titanic"), 760 Polk, Chicago, Ill.
Union Spring & Mfg. Co. (Coil & Elliptic), New Kensington, Pa.
Waterbury Welding Co., Waterbury, Conn.
Watertown Automobile & Supply Co., Watertown, N. Y.

13996— Springs (Bed)

American Spiral Spring & Mfg. Co., 56th & A. V. R. R., Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill. *See adv index at end of book*
Barber Mfg. Co., Anderson, Ind.
Bonnell E. M., Corry, Pa.
Bridgeport Chain Co. (Miller Wire Spring Dept.), Bridgeport, Conn.
Cleveland Wire Spring Co. (Wire Fabrics), Cleveland, O.
Englander Spring Bed Co. 88 35th, Brooklyn, N. Y.
Enterprise Bed Co., Hammond, Ind.
Foster Bros. Mfg. Co. ("Ideal"), Utica, N. Y.
Hartford Wire Works, Hartford, Conn.
Hasselbarth Whiton Co., Utica, N. Y.
Jackson Cushion Spring Co. ("Rough Rider"), Jackson, Mich.
Kauffman Mfg. Co., Ashland, O.
Lewis-Weller Mfg. Co. ("E-Z"), Utica, N. Y.
Miller & Van Winkle, 18 Bridge, Brooklyn, N. Y.
Milwaukee Woven Wire Works, 3014 Clarke, Milwaukee, Wis.
Morgan Spring Co. ("Helical"), Worcester, Mass. *See adv index at end of book*
Norfolk Mattress Co., Norfolk, Va.
Ohio Spring Bed Co., Cleveland, O.
Premier Spring Bed Co., 218 Utah, San Francisco, Cal.
Renn-Davis & Co. (Steel Frame, Steel Lock), Portsmouth, Va.
Simmons Co., Kenosha, Wis.
Southern-Rome Co. ("Romelink"), 623 W Pratt, Baltimore, Md.
Staples & Hanford Co., Newburgh, N. Y.
Union Spring & Mfg. Co., New Kensington, Pa.
Vincent-Alward Co. (Spiral), Kenosha, Wis.

13997—*Springs (Bee Hive)

BARNES, THE WALLACE CO. ("Barnes-Made"), 18 Wallace, Bristol, Conn. *See adv index at end of book*
Morgan Spring Co., Worcester, Mass. *See adv index at end of book*

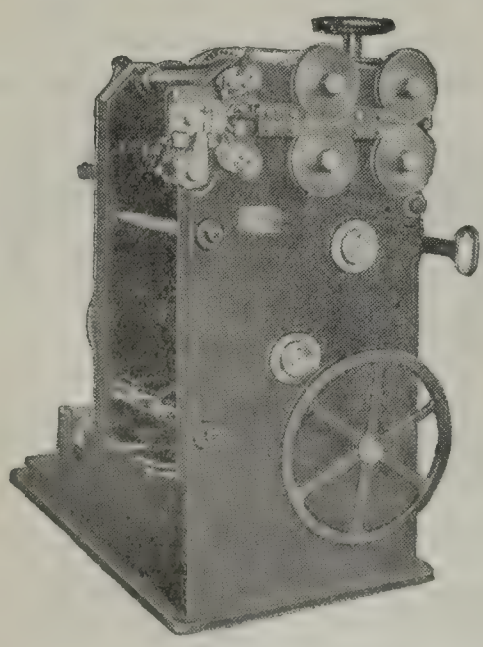
Springs (Bicycle)

See Springs, Coil or Spiral

13998— Springs (Bird Cage)

Gibson Wm. D. Co., 1800 Clybourn av, Chicago. Ill.
HENDRYX ANDREW B. CO., New Haven, Conn. *See adv index at end of book*
Hirsch & Spitz Mfg. Co., Atlanta, Ga.
Lindemann O. & Co., 35 Wooster, New York
Meyers Fred J. Mfg. Co., Hamilton, O. *See adv index at end of book*
Morgan Spring Co. ("Eclipse"), Worcester, Mass. *See adv index at end of book*

THE MACHINES THAT PUT THE "RINGS" IN SPRINGS!!



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SPRING COILING

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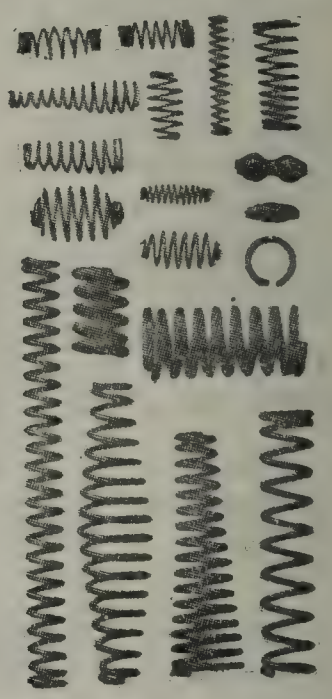
OF EVERY DESCRIPTION



We offer, for instance, UNIVERSAL SPRING COILERS such as are illustrated here, in eight different sizes of machines, handling oil-tempered wire from .004″ to 5/8″ diameter. Any of these machines will produce springs in all the forms shown above.

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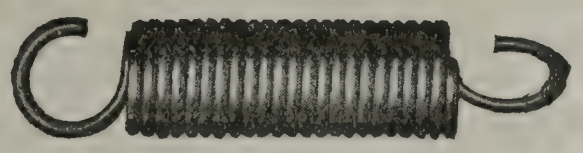

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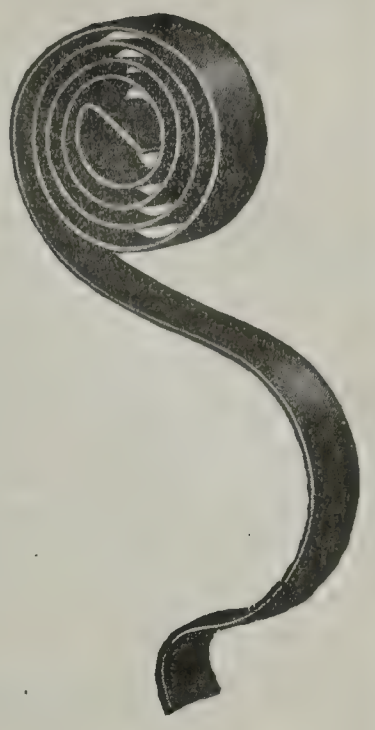
SCREW MACHINE PRODUCTS
QUALITY GUARANTEED



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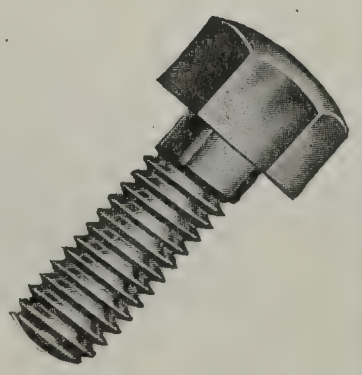
For over fifty-six years our aim has been to maintain a quality of high standing. Modern machinery and extensive facilities enable us to keep this standard and give our customers the advantages of low prices and prompt service.

Prices will be quoted upon receipt of samples of specifications. Booklet No. 5-M sent upon request.



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Parker Wire Goods Co., Worcester, Mass.
Turner & Seymour Mfg. Co., Torrington, Conn.
Wire Goods Co., Worcester, Mass.

Springs (Bolster)

See Springs, Car; also Springs, Carriage & Wagon

13998a— Springs (Brake)

Morgan Spring Co., Worcester, Mass.
See adv index at end of book

13999—Springs (Brush Holder)

BARNES, THE WALLACE CO. ("Barnes-Made"), 18 Wallace, Bristol, Conn.
See adv index at end of book
Cleveland Wire Spring Co., Cleveland, O.
Cook Chas. A. & Co., 3911 2d, Brooklyn, N. Y.
Cuyahoga Spring Co., 16609 Waterloo rd, Cleveland, O. *See adv index at end of book*
Dunbar Bros. Co. ("Dunbar Springs"), Bristol, Conn.
Eureka Co., North East, Pa.
Morgan Spring Co. ("Eclipse"), Worcester, Mass.
See adv index at end of book
Peck & Young Mfg. Co., Forestville, Conn.
Railway Steel Spring Co., 30 Church, New York
Union Spring & Mfg. Co., New Kensington, Pa.
Vose Spring Co., 150 Bleecker, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

14000— Springs (Car)

American Spiral Spring & Mfg. Co. (P. R. R. Spec), 56th & A. V. R. R., Pittsburgh, Pa.
American Steel Foundries, McCormick bldg, Chicago, Ill.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Betts Spring Co., 88 Folsom, San Francisco, Cal.
Brill J. G. Co. (Car & Locomotive), 62d & Woodland av, Phila., Pa.
Cook Spring Co., 420 E 106th, New York
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Detroit Steel Products Co., Detroit, Mich.
Farist Steel Co., Bridgeport, Conn.
Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.
Gibson Wm. D. Co., 1800 Clybourn av, Chicago, Ill.
Long E. G. Co., 50 Church, New York
McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg, Chicago, Ill.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
New Jersey Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
New York Wire & Spring Co., 588 Washington, New York
Otter Mfg. Co., Inc. (Oil Tempered, Flat & Spiral), 243 W 17th, New York
Pittsburgh Crucible Steel Co., Midland, Pa.
Pittsburgh Spring & Steel Co., Farmers' Bank bldg, Pittsburgh, Pa.
Pressed Steel Car Co. (Bolster, Coach & Engine), 307 5th, Pittsburgh, Pa.
Railway Steel Spring Co. (Heavy, Elliptic & Coil), 30 Church, New York
Rowland Wm. & Harvey, Tacony & Lewis, Phila., Pa.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Standard Steel Works Co., Morris bldg., Phila., Pa.
Taylor Electric Truck Co. (Coil & Elliptic), Troy, N. Y.
Union Spring & Mfg. Co. (Coach & Locomotive, Coil & Elliptic), New Kensington, Pa.
Vose Spring Co., 150 Bleecker, New York
Western Steel Car & Foundry Co. (Bolster, Couch & Engine), 37 N Van Buren, Chicago, Ill.

Springs (Car Fender)

See Springs, Coil or Spiral

14001— Springs (Car Sash)

Wallace Supplies Mfg. Co., 412 Orlean, Chicago, Ill.

Springs (Car Seat)

See Springs, Furniture & Upholstering

14002—Springs (Carriage & Wagon)

Adams E. B. & Son ("Spalding" Bolster), Racine, Wis.
American Spiral Spring & Mfg. Co., 56th & A. V. R. R., Pittsburgh, Pa.
Betts Spring Co., 888 Folsom, San Francisco, Cal.
Cleveland Wire Spring Co. (Bolster), Cleveland, O.
Concord Axle Co. ("Palmer's" Concord), Penacook, N. H.
Cooper Spring Co., Cleveland, O.
Delany D. & Son, Hamilton, Newark, N. J.
Detroit Wire Spring Co., Detroit, Mich.
Ernsdorff John Iron Co. (Bolster Only), Dubuque, Ia.
Fernald Mfg. Co. ("Keystone," Attached Between Trace & Whiffletree), North East, Pa.
FRASSE PETER A. & CO. (INC.), 417 Canal, New York
See adv index at end of book
Garden City Spring Works, 2300 Archer, Chicago, Ill.
Harvey Spring & Forging Co. (Bolster & Seat), Racine, Wis.
Higgins Spring & Axle Co. (Bolster, etc), Racine, Wis.
Hirsch Bros. (Bolster), 267 Reed, Milwaukee, Wis.
Indianapolis Bolster Spring Co., Indianapolis, Ind.
Iron City Spring Co. (Oil Tempered), 2920 Smallman, Pittsburgh, Pa.

SPRINGS (CARRIAGE & WAGON)—continued

Jackson Cushion Spring Co. ("Rough Rider," Carriage Seat, etc), Jackson, Mich.
Kalamazoo Spring & Axle Co. (Seat, Bolster Body, etc), Kalamazoo, Mich.
Liggett Spring & Axle Co., Monongahela, Pa.
Merrill E. R. Spring Co., 530 W 28th, New York
Meyer & Co. ("Cliffs" Bolster Seat & Pole), Throopsville, N. Y.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Mulholland Co. (Ball Bearing), Dunkirk, N. Y.
New Haven Spring Bed Co., New Haven, Conn.
Noll Bros. (Bolster), 849 Allis, Milwaukee, Wis.
Palmer Jos., 333 Rutherford av, Boston, Mass.
Penn Spring Works, Baldwinsville, N. Y.
Racine General Mfg. Co. ("General" Bolster, Wagon Only) **Racine, Wis.**
Rowland Wm. & Harvey, Tacony & Lewis, Phila., Pa.
Sheldon Axle & Spring Co., Wilkesbarre, Pa.
Spring Perch Co. (Carriage Only), Bridgeport, Conn.
Standard Parts Co., The ("C. C."), Cleveland, O. *See adv index at end of book*
Sterling Spring Co., 2148 Scranton rd, Cleveland, O.
Stoughton Wagon Co. (Bolster), Stoughton, Wis.
Studebaker Corp. (Wagon & Bolster), South Bend, Ind.
Tanner D. F. (Wagon Bolster), Holland, N. Y.
Troy Spring Works, Troy, N. Y.
Tuthill Spring Co., 760 Polk, Chicago, Ill.
Union Spring & Mfg. Co. (Coil & Elliptic), New Kensington, Pa.
Wilson Robert P. ("Wilson's Hold-up" Shaft Springs), 320 Market, Newark, N. J.
Wurster Fred. W. & Co., 375 Kent av, Brooklyn, N. Y.

14003—Springs (Ceiling, for Swing Harness)

Berry Chas. E. ("Berry"), Somerville, Mass.

14004—Springs (Children's Carriage, Etc.)

BARNES, THE WALLACE CO., ("Barnes Made"), 18 Wallace, Bristol, Conn.
See adv index at end of book
Cary Spring Works, 240 W 29th, **New York**
Cleveland Wire Spring Co., Cleveland, O.
Dunbar Bros. Co. ("Dunbar Springs"), Bristol, Conn.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
New York Wire & Spring Co., 588 Washington, New York
Peck & Young Mfg. Co., Forestville, Conn.
Wagner E. R. Mfg. Co., North Milwaukee, Wis.

14005—Springs (Clock, Music Box, Etc.)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
BARNES, THE WALLACE CO. ("Barnes-Made"), 18 Wallace, Bristol, Conn.
See adv index at end of book
Cook Spring Co., 420 E 106th, New York
Dunbar Bros. Co. ("Dunbar Springs"), Bristol, Conn.
Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.
Manross F. N. & Sons (Clock), Forestville, Conn.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Peck Spring Co., Plainville, Conn.
Spencer Wire Co. (Clock, Watch, Typewriter, etc), Worcester, Mass.
Waterbury Clock Co., Waterbury, Conn.

14006—Springs (Coil or Spiral)

American Spiral Spring & Mfg. Co., 56th & A. V. R. R., Pittsburgh, Pa.
American Steel Spring Co., 2341 Keystone av, Chicago, Ill.
AMERICAN STEEL & WIRE CO. (Light & Heavy), 208 S La Salle, Chicago, Ill.
See adv index at end of book
BARNES, THE WALLACE CO. ("Barnes-Made," All Kinds), 18 Wallace, Bristol, Conn. *See adv index at end of book*
Cary Spring Works, 240 W 29th, **New York**
Chatillon Jno. & Sons (Cast Steel), 85 Cliff, New York
Cleveland Wire Spring Co. (Wire), Cleveland, O.
Cook Spring Co., 420 E 106th, New York
Crucible Steel Co. of America (All Kinds of Coil), **Oliver bldg, Pittsburgh, Pa.**
CUYAHOGA SPRING CO., 16609 Waterloo rd, Cleveland, O.
See adv index at end of book
Dellenbarger C. E. Co., Joliet, Ill.
Detroit Steel Products Co. ("Harvey" Friction Draft), Detroit, Mich.
Dunbar Bros. Co., ("Dunbar Springs," Small Sheet Steel & Brass Wire), Bristol, Conn.
Eastern Parts Mfg. Co., 135 Spring, New York
Eureka Spring Co., 150 Bleecker, New York
Farist Steel Co. (Car, etc), Bridgeport, Conn.
Fischer Chas. Spring Co., 473 Kent av, Brooklyn, New York
Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.
Gibson Wm. D. Co., 1800 Clybourn av, Chicago, Ill.
Hebb Geo. A. (Coil), 70 Williams, Newark, N. J.
Hubbard M. D. Spring Co., Pontiac, Mich.
Illinois Spring & Stamping Co. (Wire, **etc), 2341 N Keystone av, Chicago,** Ill.
Insull Thos., 1439 Hutchinson, Phila., Pa.
Jackson Cushion Spring Co. (Wire Coil), Jackson, Mich.
Lever Coil Spring Co., Monadnock bldg, San Francisco, Cal.
Lewis-Weller Mfg. Co., Utica, N. Y.
Long E. G. Co., 50 Church, New York
Ludlow-Saylor Wire Co., Newstead av cor Wabash R. R., St. Louis, Mo.
McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg, Chicago, Ill.
Mattatuck Mfg. Co. (Small), Waterbury, Conn.
Meyer & Co., Throopsville, N. Y.
Miller & Van Winkle, 18 Bridge, Brooklyn, N. Y.
MORGAN SPRING CO., Worcester, Mass.
See adv index at end of book
New York Wire & Spring Co., 588 Washington, New York
Peck Spring Co., Plainville, Conn.
Peck & Young Mfg. Co. (Small Spiral), Forestville, Conn.
Pittsburgh Spring & Steel Co. (Car, etc), **Farmers' Bank bldg, Pittsburgh, Pa.**
Railway Steel Spring Co. (Light & Heavy), 30 Church, New York
Raymond Mfg. Co. (Ltd.) ("Keystone," Steel & Wire), Corry, Pa.
Sabin Machine Co. (Organ, etc), Montpelier, Vt.
Shuler W. S. Spring Co., Amsterdam, N. Y.
Springfield Spring Co., Springfield, Ohio
Taylor Electric Truck Co. (Coil Only), Troy, N. Y.
Union Spring & Mfg. Co. (Car & Machinery), New Kensington, Pa.
Vose Spring Co., 150 Bleecker, New York
Wallace Supplies Mfg. Co. (Coil), 412 Orleans, Chicago, Ill.
Washburn Wire Co., Phillipsdale, R. I.
Webb Mfg. Co., Centre, Newark, N. J.
See adv index at end of book
Wilson Robt. P., 320 Market, Newark, N. J.

Springs (Compression)

See Springs, Extension & Compression

14007— Springs (Contact)

Morgan Spring Co., Worcester, Mass.
See adv index at end of book
More-Jones Brass & Metal Co. (For Trolley Roads), B'way & Dock, St. Louis, Mo.

Springs (Cultivator)

See Springs, Agricultural Implement

14008— Springs (Curtain)

Morgan Spring Co. ("Eclipse"), Worcester, Mass. *See adv index at end of book*
Union Spring & Mfg. Co., **New Kensington, Pa.**

14009— Springs (Cushion)

Barber Mfg. Co. ("Cardinal"), **Anderson,** Ind.
Cuyahoga Spring Co., 16609 Waterloo rd, Cleveland, O.
See adv index at end of book
D'Arcy Spring Co. ("Century"), **Kalamazoo, Mich.**
Detroit Wire Spring Co. ("SOS"), Detroit, Mich.
Gibson Wm. D. Co., 1800 Clybourn av, Chicago, Ill.
Jackson Cushion Spring Co. ("Rough Rider," "Advance"), **Jackson, Mich.**
Miller Wire Spring Dept., Bridgeport Chain Co., Bridgeport, Conn.
Miller & Van Winkle ("Eagle"), **18** Bridge, Brooklyn, N. Y.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
National Spring & Wire Co. ("Black Velvet," Spiral Wire for Autos, Carriages, etc), Albion, Mich.
New York Wire & Spring Co. (Automobile, etc), 588 Washington, New York
Staples & Hanford Co., Newburgh, N. Y.
Trenton Spring Mattress Co. ("Excelsior," "Lace Web," "T. I. C." Sectional Auto & Carriage), Trenton, N. J.
Union Spring & Mfg. Co., New Kensington, Pa.

14009a— Springs (Dobby)

Morgan Spring Co., Worcester, Mass.
See adv index at end of book

14010—Springs (Door, Coil, Etc.)

See also Checks, Screen Door; also Door Checks & Springs

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Arcade Mfg. Co. ("Warner"), Freeport, Ill.
Bommer Bros. (Spiral), 270 Willoughby av Brooklyn, N. Y.
Cassady, Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Chicago Spring Butt Co. ("Chicago," "Reliance"), 340 Union Park ct, Chicago, Ill.
Cleveland Wire Spring Co. (Wire), Cleveland, O.
Columbian Hardware Co. ("Gem" & "Star" Spiral, "Torrey" Rod), Cleveland, O.
Cuyahoga Spring Co., 16609 Waterloo rd, Cleveland, O.
See adv index at end of book
Frantz Mfg. Co., Sterling, Ill.
Hayward S. F. & Co. (Engine House), 250 W 54th, New York
Miller & Van Winkle, 18 Bridge, Brooklyn, N. Y.
Morgan Spring Co. ("Perfection" & "Morgan"), Worcester, Mass.
See adv index at end of book
National Mfg. Co. ("Perfection"), Worcester, Mass.
Parker Wire Goods Co. ("Eureka"), Worcester, Mass.
Reading Hardware Co. (Coiled Wire, etc), Reading, Pa.
Reading Saddle & Mfg. Co. (Coiled Wire), Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sabin Machine Co., Montpelier, Vt.
Sargent & Co., New Haven, Conn.
Sharon Hardware Mfg. Co. ("Perfect"), Sharon, Pa.
Stanley Works (Screw Door), New Britain
See adv index at end of book
Union Spring & Mfg. Co., New Kensington, Pa.
Wagner Mfg. Co. ("Wagner" Coil), Cedar Falls, Ia.
Wire Goods Co. ("Perfection"), Worcester, Mass.

14011— Springs (Draft)

Beecher Draught Spring Co. ("Beecher," Safety), New Haven, Conn.
Cleveland Wire Spring Co., Cleveland, O.
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Detroit Steel Products Co. ("Harvey" Friction Draft), Detroit, Mich.
Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.
Hayward S. F. & Co., 250 W 54th, New York
Morgan Spring Co. ("Eclipse"), Worcester, Mass. *See adv index at end of book*
New York Wire & Spring Co., 588 Washington, New York
Pittsburgh Spring & Steel Co., Farmers' Bank bldg, Pittsburgh, Pa.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Railway Steel Spring Co., 30 Chruch, New York
Tanner D. F. ("Holland," Trace or Draft Springs), Holland, N. Y.
Union Spring & Mfg. Co. (Friction, etc), New Kensington, Pa.
Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.
Wilson Robert P. ("Mogul"), 320 Market, Newark, N. J.

14011a—Springs (Electrical Instrument)

Peck Spring Co., Plainville, Conn.

14012— Springs (Elliptic)

Cary Spring Works, 240 W 29th, New York
Cooper Spring Co., Cleveland, O.
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Delany Daniel & Son, Hamilton, Newark, N. J.
Farist Steel Co. (For Railroad Cars), Bridgeport, Conn.
Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.
FRASSE PETER A. & CO. (INC.), 417 Canal, New York
See adv index at end of book
Insull Thomas, 1439 Hutchinson, Philadelphia, Pa.
Kalamazoo Spring & Axle Co. (For Farm Wagon Seats), Kalamazoo, Mich.
Keystone Spring Works, 13th & Buttonwood, Phila., Pa.
Long E. G. Co., 50 Church, New York
Merrill E. R. Spring Co., 530 W 28th, New York
Pittsburgh Spring & Steel Co. (Car, Locomotive & Traction Car), Farmers' Bank bldg, Pittsburgh, Pa.
Railway Steel Spring Co., 30 Church, New York
Rowland Wm. & Harvey (Inc.), Tacony & Lewis, Philadelphia, Pa.
Sheldon Axle & Spring Co., Wilkes-Barre, Pa.
Shuler W. S. Spring Co., Amsterdam, N. Y.
Standard Parts Co., Cleveland, Ohio
See adv index at end of book
Standard Steel Works Co. (Car & Locomotive), Morris bldg, Phila., Pa.
Taylor Electric Truck Co., Troy, N. Y.
Tuthill Spring Co., 760 Polk, Chicago, Ill.
Union Spring & Mfg. Co. (Locomotive & Railway Equipment, etc.), New Kensington, Pa.
Vose Spring Co., 150 Bleecker, New York

14013— Springs (End Gate)

BARNES, THE WALLACE CO. ("Barnes-Made"), 18 Wallace, Bristol, Conn.
See adv index at end of book
Gogel Mfg. Co. (For Wagon Builders), Toledo, O.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book

14014— Springs (Engine House Door)

Morgan Spring Co., Worcester, Mass.
See adv index at end of book

14015—Springs (Extension & Compression)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
BARNES, THE WALLACE CO. ("Barnes-Made"), 18 Wallace, Bristol, Conn.
See adv index at end of book
Bridgeport Chain Co. (Miller Wire Spring Dept.), Bridgeport, Conn.
Cary Spring Works, 240 W 29th, New York
Cleveland Wire Spring Co., Cleveland, O.
Cook Chas. A. & Co., 3911 2d, Brooklyn, N. Y.
Cook Spring Co., 420 E 106th, New York
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
CUYAHOGA SPRING CO., 16609 Waterloo rd, Cleveland, O.
See adv index at end of book
Dunbar Bros. Co. ("Dunbar Springs"), Bristol, Conn.
Fischer Chas. Spring Co. (Small Flat), 473 Kent av, Brooklyn, N. Y.
Fort Pitt Spring & Mfg. Co. Pittsburgh, Pa.
Hubbard M. D. Spring Co., Pontiac, Mich.
Long E. G. Co., 50 Church, New York
Miller & Van Winkle ("Eagle"), 18 Bridge, Brooklyn, N. Y.
MORGAN SPRING CO., Worcester, Mass.
See adv index at end of book
New York Wire & Spring Co., 588 Washington, New York
Peck Spring Co., Plainville, Conn.
Peck & Young Mfg. Co., Forestville, Conn.
Pittsburgh Spring & Steel Co., Farmers' Bank bldg, Pittsburgh, Pa.
Railway Steel Spring Co., 30 Church, New York
Springfield Spring Co., Springfield, O.
Union Spring & Mfg. Co., New Kensington, Pa.

Springs (Fish Plate)

See Lock Nuts & Washers

14016— Springs (Flat)

American Steel Spring Co., 2341 Keystone av, Chicago, Ill.
Cary Spring Works, 240 W 29th, New York
Cook Chas. A. & Co., 3911 2d, Brooklyn, N. Y.
Dunbar Bros. Co. ("Dunbar Springs," Small for All Purposes), Bristol, Conn.
Hubbard M. D. Spring Co., Pontiac, Mich.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book

14017—Springs (Friction Draft)

See also Springs, Draft

Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.
Frost Railway Supply Co. ("Harvey"), Penobscot bldg Detroit, Mich.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Union Spring & Mfg. Co., New Kensington, Pa.

14018—Springs (Furniture & Upholstering)

American Spiral Spring & Mfg. Co., 56th & A. V. R. R., Pittsburgh, Pa.
American Steel Spring Co., 2341 Keystone av, Chicago, Ill.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Bridgeport Chain Co. (Miller Wire Spring Dept.), Bridgeport, Conn.
Cleveland Wire Spring Co., Cleveland, O.
Cuyahoga Spring Co., 16609 Waterloo rd, Cleveland, O.
See adv index at end of book
Foster Bros. Mfg. Co., Utica, N. Y.
Jackson Cushion Spring Co., Jackson, Mich.
Lewis-Weller Mfg. Co., Utica, N. Y.
Miller & Van Winkle, 18 Bridge, Brooklyn, N. Y.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
New York Wire & Spring Co., 588 Washington, New York
Premier Spring Bed Co., 218 Utah, San Francisco, Cal.
Staples & Hanford Co., Newburgh, N. Y.
Union Spring & Mfg. Co., New Kensington, Pa.
Vincent-Alward Co., Kenosha, Wis.

Springs (Gate)

See Springs, Door; also Spring, Coil or Spiral

14019— Springs (Governor)

American Spiral Spring & Mfg. Co., 56th & A. V. R. R., Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
BARNES, THE WALLACE CO. ("Barnes-Made"), 18 Wallace, Bristol, Conn.
See adv index at end of book
Cleveland Wire Spring Co., Cleveland, O.
Cook Chas. A. & Co., 3911 2d, Brooklyn, N. Y.
Cuyahoga Spring Co., 16609 Waterloo rd, Cleveland, O.
See adv index at end of book
Dunbar Bros. Co. ("Dunbar Springs"), Bristol, Conn.
Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.
FRASSE PETER A. & CO. (INC.), 417 Canal, New York
See adv index at end of book
Jamestown Car Parts Mfg. Co., Jamestown, N. Y.
Miller & Van Winkle, 18 Bridge, Brooklyn, N. Y.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
New York Wire & Spring Co., 588 Washington, New York
Pittsburgh Spring & Steel Co., Farmers' Bank bldg, Pittsburgh, Pa.
Railway Steel Spring Co., 30 Church, New York
Springfield Spring Co., Springfield, O.
Union Spring & Mfg. Co., New Kensington, Pa.

Springs (Grain Drill)

See Springs, Agricultural Implement

14019a— Springs (Gun)

Morgan Spring Co., Worcester, Mass.
See adv index at end of book

14020— Springs (Hair)

Jamestown Car Parts Mfg. Co., Jamestown, N. Y.
Manross F. N. & Sons ("Manross" Non-Magnetic for Marine Clocks, Steam Gauges, Electrical Instruments, etc), Forestville, Conn.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Peck Spring Co., Plainville, Conn.

14021— Springs (Helical)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
BARNES, THE WALLACE CO. ("Barnes-Made"), 18 Wallace, Bristol, Conn.
See adv index at end of book
Bridgeport Chain Co. (Miller Wire Spring Dept.), Bridgeport, Conn.
Cary Spring Works, 240 W 29th, New York
Cleveland Wire Spring Co., Cleveland, O.
Cook Spring Co., 420 E 106th, New York
Crucible Steel Company of America, Oliver bldg, Pittsburgh, Pa.
Dunbar Bros. Co. ("Dunbar Springs"), Bristol, Conn.
Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa., & Hobart Bldg, San Francisco, Cal.
Jamestown Car Parts Mfg. Co., Jamestown, N. Y.
Manross F. N. & Sons, Forestville, Conn.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
New York Wire & Spring Co., 588 Washington, New York
Pittsburgh Spring & Steel Co., Farmers' Bank bldg, Pittsburgh, Pa.
Railway Steel Spring Co., 30 Church, New York
Union Spring & Mfg. Co., New Kensington, Pa.

14022— *Springs (Hinge)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
BARNES, THE WALLACE CO. ("Barnes-Made"), 18 Wallace, Bristol, Conn.
See adv index at end of book
CUYAHOGA SPRING CO., 16609 Waterloo rd, Cleveland, O.
See adv index at end of book

14022a—Springs (Legging)

Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Reisner W. H. Mfg. Co., Hagerstown, Md.

Springs (Locomotive)

See Springs, Car

14023— Springs (Loom)

Disston Hy. & Sons, Tacony, Phila., Pa.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book

14024— Springs (Machinery)

See also Springs, Agricultural Implement
American Spiral Spring & Mfg. Co., 56th & A. V. R. R., Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
BARNES, THE WALLACE CO. ("Barnes-Made"), 18 Wallace, Bristol, Conn.
See adv index at end of book
Cary Spring Works, 240 W 29th, New York
Cleveland Wire Spring Co. (Wire), Cleveland, O.
Cook Chas. A. & Co., 3911 2d, Brooklyn, N. Y.
Cook Spring Co., 420 E 106th, New York
Crucible Steel Company of America, Oliver bldg, Pittsburgh, Pa.
CUYAHOGA SPRING CO., 16609 Waterloo rd, Cleveland, O.
See adv index at end of book
Dunbar Bros. Co. ("Dunbar Springs"), Bristol, Conn.
Eureka Spring Co., 150 Bleecker, New York
Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.
FRASSE PETER A. & CO. (INC.), 417 Canal, New York
See adv index at end of book
Gibson Wm. D. Co., 1800 Clybourn av, Chicago, Ill.
Harrow Spring Co., Milwaukee, Wis.
Hebb Geo. A., 70 William, Newark, N. J.
Mattatuck Mfg. Co. (Small), Waterbury, Conn.
Miller & Van Winkle, 18 Bridge, Brooklyn, N. Y.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
New York Wire & Spring Co., 588 Washington, New York
Otter Mfg. Co., Inc. (Flat & Spiral), 243 W 17th, New York
Pittsburgh Spring & Steel Co., Farmers' Bank bldg, Pittsburgh, Pa.
Railway Steel Spring Co., 30 Church, New York
Sabin Machine Co., Montpelier, Vt.
Springfield Spring Co., Springfield, O.
Union Spring & Mfg. Co. (Coil), New Kensington, Pa.
Vose Spring Co., 150 Bleecker, New York

14025—Springs (Oil Tempered)

American Spiral Spring & Mfg. Co., 56th & A. V. R. R., Pittsburgh, Pa.
BARNES, THE WALLACE CO. ("Barnes-Made"), 18 Wallace, Bristol, Conn.
See adv index at end of book
Cary Spring Works, 240 W 29th, New York
Chatillion Jno. & Sons, 85 Cliff, New York
Cleveland Wire Spring Co. (Wire), Cleveland, O.
Cook Chas. A. & Co., 2d, 3911 Brooklyn, N. Y.
Cook Spring Co., 420 E 106th, New York
Crucible Steel Company of America, Oliver bldg, Pittsburgh, Pa.
Cuyahoga Spring Co., 16609 Waterloo rd, Cleveland, O.
See adv index at end of book
Detroit Steel Products Co., Detroit, Mich.
Dunbar Bros. Co. ("Dunbar Springs"), Clock, etc), Bristol, Conn.
Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.
Gibson Wm. D. Co., 1800 Clybourn av, Chicago, Ill.
Iron City Spring Co., 2920 Smallman, Pittsburgh, Pa.
Jamestown Car Parts Mfg. Co., Jamestown, N. Y.
Miller & Van Winkle, 18 Bridge, Brooklyn, N. Y.
MORGAN SPRING CO., Worcester, Mass.
See adv index at end of book
New York Wire & Spring Co., 588 Washington, New York
Otter Mfg. Co., Inc. (Flat & Spiral), 243 W. 17th, New York
Peck & Young Mfg. Co., Forestville, Conn.
Pittsburgh Spring & Steel Co., Farmers' Bank bldg, Pittsburgh, Pa.
Railway Steel Spring Co., 30 Church, New York
Sabin Machine Co., Montpelier, Vt.
Union Spring & Mfg. Co., New Kensington, Pa.

14026— Springs (Organ)

American Spiral Spring & Mfg. Co., 56th & A. V. R. R., Pittsburgh, Pa.
BARNES, THE WALLACE CO. ("Barnes-Made"), Bristol, Conn.
See adv index at end of book
Cary Spring Works, 240 W 29th, New York
Cleveland Wire Spring Co., Cleveland, O.
Dunbar Bros. Co. ("Dunbar Springs"), Bristol, Conn.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
New York Wire & Spring Co., 588 Washington, New York
Peck Spring Co., Plainville, Conn.
Raymond Mfg. Co. (Ltd.), Corry, Pa.
Sabin Machine Co., Montpelier, Vt.
Union Spring & Mfg. Co., New Kensington, Pa.
Waterbury Hair Spring Co., Waterbury, Conn.

14026a— Springs (Phonograph)

BARNES, THE WALLACE CO. ("Barnes-Made"), Bristol, Conn.
See adv index at end of book
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Peck Spring Co., Plainville, Conn.

14027—Springs (Phosphor Bronze)

American Spiral Spring & Mfg. Co., 56th A. V. R. R., Pittsburgh, Pa.
BARNES, THE WALLACE CO. ("Barnes-Made"), 18 Wallace, Bristol, Conn.
See adv index at end of book
Cook Chas. A. & Co., 3911 2d, Brooklyn, N. Y.
Cuyahoga Spring Co., 16609 Waterloo rd, Cleveland, O.
See adv index at end of book
Dunbar Bros. Co. ("Dunbar Springs"), Bristol, Conn.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Peck & Young Mfg. Co., Forestville, Conn.
Springfield Spring Co., Springfield, Ohio

14028—Springs (Pipe Bending)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Cary Spring Works, 240 W 29th, New York
Cleveland Wire Spring Co. ("Perfect"), Cleveland, O.
Gibson Wm. D. Co., 1800 Clybourn av, Chicago, Ill.
Morgan Spring Co. ("Eclipse"), Worcester, Mass. *See adv index at end of book*
New York Wire & Spring Co., 588 Washington, New York
Raymond Mfg. Co. (Ltd.), (Plumbers'), Corry, Pa.
Springfield Spring Co., Springfield, Ohio
Starbuck R. M. & Sons ("Starbuck"), Hartford, Conn.
Union Spring & Mfg. Co., New Kensington, Pa.
Vose Spring Co., 150 Bleecker, New York

14029—Springs (Pop Valve)

American Spiral Spring & Mfg. Co., 56th & A. V. R. R., Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Cleveland Wire Spring Co., Cleveland, O.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
New York Wire & Spring Co., 588 Washington, New York

14030—Springs (Refrigerator Door)

Cary Spring Works, 240 W 29th, New York
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
National Refrigerator & Fixture Co., 8th & Park, St. Louis, Mo.
New York Wire & Spring Co., 588 Washington, New York

14031— Springs (Rubber)

Boston Belting Corp., 84 Linden Park, Boston, Mass.
Canfield H. O. Co., Bridgeport, Conn.
Combination Rubber Mfg. Co. (Wagon, Car, etc), Bloomfield, N. J.
Continental Rubber Works, Erie, Pa.
Elkhart Rubber Works, Elkhart, Ind.
Empire Tire & Rubber Corp., East Trenton, N. J.
Essex Rubber Co., Trenton, N. J.
Federal Rubber Co., The, Cudahy, Wis.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Hamilton Rubber Mfg. Co., Trenton, N. J.
Home Rubber Co., Trenton, N. J.
Manhattan Rubber Mfg. Co., Passaic, N. J.
Matteson Rubber Co., Lodi, N. J.
Mechanical Rubber Co. (Car, Wagon, etc), Cleveland, O.
Mercer Rubber Co. (Car Cylinder, Wagon, etc.), Hamilton Sq, N. J.
National India Rubber Co., Bristol, R. I.
N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
New York Belting & Packing Co., 91 Chambers, New York
Peerless Rubber Mfg. Co., 31 Warren, New York
Pennsylvania Rubber Co., Jeannette, Pa.
Plymouth Rubber Co., Canton, Mass.
Quaker City Rubber Co. (Car, etc), 629 Market, Phila., Pa.
Republic Rubber Co., Youngstown, O.
Revere Rubber Co., Chelsea, Mass.
Schacht Rubber Mfg. Co., Huntington, Ind.
Standard Woven Fabric Co., Walpole, Mass.
United & Globe Rubber Mfg. Co., Trenton, N. J.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
Whitehead Bros. Rubber Co., Trenton, N. J.
Woven Steel Hose & Rubber Co., Trenton, N. J.

14032—*Springs (Rubber Channeler)

Boston Belting Corp., 84 Linden Park, Boston, Mass.

14033—Springs (Screen Door)

Cuyahoga Spring Co., 16609 Waterloo rd, Cleveland, O.
See adv index at end of book
Lawrence Bros., Sterling, Ill.
Morgan Spring Co. ("Eclipse"), Worcester, Mass. *See adv index at end of book*
National Mfg. Co., Sterling, Ill.
New York Wire & Spring Co., 588 Washington, New York
Union Spring & Mfg. Co., New Kensington, Pa.

14034— Springs (Small)

AMERICAN STEEL & WIRE CO., Commercial Nat'l Bank bldg, Chicago, Ill.
See adv index at end of book
BARNES THE WALLACE CO. ("Barnes-Made"), 18 Wallace, Bristol, Conn.
See adv index at end of book
Cary Spring Works, 240 W 29th, New York
Cleveland Wire Spring Co., Cleveland, O.
Cook Chas. A. & Co., 3911 2d, Brooklyn, N. Y.
CUYAHOGA SPRING CO., 16609 Waterloo rd, Cleveland, O.
See adv index at end of book
D'Arcy Spring Co. (Cushion), Kalamazoo, Mich.
Dunbar Bros. Co. ("Dunbar Springs"), Bristol, Conn.
Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.
Gibson Wm. D. Co., 1800 Clybourn av, Chicago, Ill.
Girard Model Works, Girard, Pa.
Hubbard M. D. Spring Co., Pontiac, Mich.
Jackson Cushion Spring Co. (Seat & Back Springs), Jackson, Mich.

Long E. G. Co., 50 Church, New York
Manross F. N. & Sons (Hair), Forestville, Conn.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
National Spring & Wire Co., Albion, Mich.
New York Wire & Spring Co., 588 Washington, New York
Otter Mfg. Co., Inc., 243 W 17th, New York
Peck Spring Co., Plainville, Conn.
Peck & Young Mfg. Co. (Spiral), Forestville, Conn.
Railway Steel Spring Co., 30 Church, New York
Springfield Spring Co., Springfield, Ohio
Trenton Spring Mattress Co., Trenton, N. J.
Union Spring & Mfg. Co., New Kensington, Pa.
Washburn Wire Co., Phillipsdale, R. I.
Wing Chas. Co. (Cushion), Amesbury, Mass.

Springs (Spiral)

See Springs, Coil or Spiral

14035—Springs (Steam Gauge)

Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Manross F. N. & Sons (Hair), Forestville, Conn.
Peck Spring Co., Plainville, Conn.
Peck & Young Mfg. Co., Forestville, Conn.
Wells A. H. & Co. ("Bourdon"), Waterbury, Conn.

14036—Springs (Switch & Signal)

Cary Spring Works, 240 W 29th, New York
Cleveland Wire Spring Co., Cleveland, O.
Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
New York Wire & Spring Co., 588 Washington, New York
Peck & Young Mfg. Co., Forestville, Conn.
Pittsburgh Spring & Steel Co., Farmers' Bank bldg, Pittsburgh, Pa.
Railway Steel Spring Co., 30 Church, New York
Union Spring & Mfg. Co., New Kensington, Pa.

14037— Springs (Torsion)

AMERICAN STEEL & WIRE CO. (Round Wire, Square Steel, etc), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Cary Spring Works, 240 W 29th, New York
Cleveland Wire Spring Co., Cleveland, O.
Cook Chas. A. & Co., 3911 2d, Brooklyn, N. Y.
CUYAHOGA SPRING CO., 16609 Waterloo rd, Cleveland, O.
See adv index at end of book
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
New York Wire & Spring Co., 588 Washington, New York
Springfield Spring Co., Springfield, O.
Union Spring & Mfg. Co., New Kensington, Pa.

14038—Springs (Track Scraper)

Harrow Spring Co., Milwaukee, Wis.

14038a— Springs (Tractor)

STANDARD PARTS CO., Cleveland, O.
See adv index at end of book

14039— Springs (Trolley)

American Spiral Spring & Mfg. Co., 56th & A. V. R. R., Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Cary Spring Works, 240 W 29th, New York
Cleveland Wire Spring Co. (Wire), Cleveland, O.
Cook Spring Co., 420 E 106th, New York
Crucible Steel Company of America, Oliver bldg, Pittsburgh, Pa.
Eureka Spring Co., 150 Bleecker, New York
Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.
Gibson Wm. D. Co., 1800 Clybourn, Chicago, Ill.
Long E. G. Co., 50 Church, New York
Miller & Van Winkle, 18 Bridge, Brooklyn, N. Y.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
New York Wire & Spring Co., 588 Washington, New York
Nuttall R. D. Co., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Pittsburgh Spring & Steel Co., Farmers' Bank bldg, Pittsburgh, Pa.
Railway Steel Spring Co., 30 Church, New York
Union Spring & Mfg. Co., New Kensington, Pa.
Vose Spring Co., 150 Bleecker, New York

Springs (Valve)

See Springs, Coil or Spiral

14040—Springs (Vanadium Steel)

Cary Spring Works, 240 W 29th, New York
Cleveland Wire Spring Co., Cleveland, O.
Crucible Steel Co. of America (Agricultural Car, Coil, Draft, Elliptic, Helical, **Oil Tempered, etc.), Oliver bldg,** Pittsburgh, Pa.
Cuyahoga Spring Co., 16609 Waterloo rd, Cleveland, O.
See adv index at end of book
Detroit Steel Products Co. (Automobile, **etc.), Detroit, Mich.**
Dunbar Bros. Co. ("Dunbar Springs"), Bristol, Conn.
Gibson Wm. D. Co. (Small Spiral & Special), 1800 Clybourn av, Chicago, Ill.
Iron City Spring Co., 2920 Smallman, Pittsburgh, Pa.
Miller & Van Winkle (Small Spiral & Special), 18 Bridge, Brooklyn, N. Y.
MORGAN SPRING CO., Worcester, Mass.
See adv index at end of book
New York Wire & Spring Co., 588 Washington, New York
Palmer Jos. (Automobile, Carriage, Wagon & Railroad), 333 Rutherford av, Boston, Mass.
Penn Spring Works (Automobile & Carriage), Baldwinsville, N. Y.
Pittsburgh Spring & Steel Co. (Coil, Leaf, Locomotive, Car & Special), **Farmers' Bank bldg, Pittsburgh, Pa.**
Railway Steel Spring Co., 30 Church, New York
Raymond Mfg. Co. (Ltd.) (Small Coil & Special), Corry, Pa.,
Rowland Wm. & Harvey (Inc.) (Automobile, **etc.), Tacony & Lewis, Phila., Pa.**
Springfield Spring Co., Springfield, O.
Standard Parts Co., The, Cleveland, O.
See adv index at end of book
Union Spring & Mfg. Co. (Car & Locomotive), **New Kensington, Pa.**

14041-2— Springs (Window)

BARNES THE WALLACE CO. ("Barnes-Made"), 18 Wallace, Bristol, Conn.
See adv index at end of book
Cuyahoga Spring Co., 16609 Waterloo rd, Cleveland, O.
See adv index at end of book
Dunbar Bros. Co. ("Dunbar Springs"), Bristol, Conn.
Miller & Van Winkle, 18 Bridge, Brooklyn, N. Y.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
New York Wire & Spring Co., 588 Washington, New York
STANLEY WORKS ("Sweet's" & "Jenk's"), New Britain, Conn.
See adv index at end of book
Tolman I. W. ("Spiral"), Worcester, Mass.
See adv index at end of book
Union Spring & Mfg. Co., New Kensington, Pa.

14043— Springs (Wire)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
BARNES, THE WALLACE CO. ("Barnes-Made"), 18 Wallace, Bristol, Conn.
See adv index at end of book
Bridgeport Chain Co. (Miller Wire Spring Dept.), (Brass, Bronze, Steel & Piano Wire), Bridgeport, Conn.
Cary Spring Works, 240 W 29th, New York
Chatillon Jno. & Sons (Cast Steel), 85 Cliff, New York
Cleveland Wire Spring Co. (Oil Tempered, etc), Cleveland, O.
Cook Chas. A. & Co., 3911 2d, Brooklyn, N. Y.
Cook Spring Co., 420 E 106th, New York
Crucible Steel Company of America, Oliver bldg, Pittsburgh, Pa.
CUYAHOGA SPRING CO., 16609 Waterloo rd, Cleveland, O.
See adv index at end of book
Dellenbarger, C. E. Co., Joliet, Ill.
Dunbar Bros. Co. ("Dunbar Springs," Clock, etc.), Bristol, Conn.
FISCHER CHAS. SPRING CO., 473 Kent av, Brooklyn, N. Y.
Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.
Gaynor Mfg. Co. (Spiral), Bridgeport, Conn.
Goetz Chas. & Co., 2548 S Kedzie av, Chicago, Ill.
Grammes L. F. & Sons (Small), Allentown, Pa. *See adv index at end of book*
Illinois Spring & Stamping Co. (Spiral, **etc), 2341 N Keystone av, Chicago, Ill.**
Ludlow-Saylor Wire Co., Newstead av cor Wabash R. R., St. Louis, Mo.
Manross, F. N. & Sons (Hair), Forestville, Conn.
Miller & Van Winkle, 18 Bridge, Brooklyn, N. Y.
MORGAN SPRING CO., Worcester, Mass.
See adv index at end of book
National Spring & Wire Co. ("Black Velvet" Cushion & Black Auto & Carriage, etc), Albion, Mich.
New York Wire & Spring Co., 588 Washington, New York
Peck Spring Co., Plainville, Conn.
Pittsburgh Spring & Steel Co., Farmers' Bank bldg, Pittsburgh, Pa.
Railway Steel Spring Co., 30 Church, New York
Raymond Mfg. Co. (Ltd.), Corry, Pa.
Sabin Machine Co., Montpelier Vt.
Springfield Spring Co., Springfield, O.
Tuck Mfg. Co., Brockton, Mass.
Union Spring & Mfg. Co., New Kensington, Pa.
Washburn Wire Co. (Clock, etc), Phillipsdale, R. I.
Wire Goods Co., Worcester, Mass.

14044—Sprinklers (Automatic Fire)

Aetna Fire Sprinkler Co., 7 S Clinton, Chicago, Ill. (See Independent Aetna Sprinkler Co.)
Associated Automatic Sprinkler Co. ("Associated"), 2216 Vine, Philadelphia, Pa.
Automatic Fire Alarm Co., 416 B'way, New York
Automatic Sprinkler Co. of America ("Manufacturers," "Niagara"), 123 William, New York
Baltimore Cooperage Co., The, cor Hanover & Creek, Baltimore, Md.
Chicago Bridge & Iron Wks., 1319 W 105th, Chicago, Ill.
See adv index at end of book
Conran Standpipe Co., 305 Pearl, New York
Crowder Bros., 2018 Locust, St. Louis, Mo.
Daly M. J. & Sons (Engineers for Installation, etc.), Waterbury, Conn.
Esty Sprinkler Co., Laconia, N. H.
Fire Protection & Equipment Co., 23 Minna, San Francisco, Cal.
General Fire Extinguisher Co. ("Grinnell"), Providence, R. I.
Globe Automatic Sprinkler Co. ("Evans," 2035 Washington av, Philadelphia, Pa.
INDEPENDENT AETNA SPRINKLER CO., Phila., Pa. & Chicago, Ill.
Independent Sprinkler Co., Phila, Pa. (See Independent Aetna Sprinkler Co.)
International Sprinkler Co., 123 William, New York
Pacific Fire Extinguisher Co., 507 Montgomery, San Francisco, Cal.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Rhode Island Supply & Sprinkler Co., 156 West Exchange, Providence, R. I.
ROCKWOOD SPRINKLER CO. ("Rockwood Sprinkler Systems"), Worcester, Mass.
Simmons John Co., 110 Centre, New York
U. S. Automatic Sprinkler Co. ("Crowder"), 1392 Lexington av, New York
Vogel H. G. Co. ("Esty"), 487 B'way, **New York**

14045— Sprinklers (Clothes)

Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.

14046— Sprinklers (Coal)

Franklin Railway Supply Co. (Railroad), 30 Church, New York
Nathan Mfg. Co., 416 E 106th, New York

14047—Sprinklers (Hose, Etc.)

Boekel Wm. & Co., 518 Vine, Phila., Pa.
Buckeye Iron & Brass Works, Dayton, O.
Buffum Tool Co. ("Swastika" Rose Head, for Hose), South Side, Louisiana, Mo.
Central Brass Stamping Co. ("Handy," Square Fountain Sprinkler), Peoria, Ill.
Electric Hose & Rubber Co. ("Electric," "Improved Electric," "Mist," "Onoko," "Tamaqua," "Tarrapin"), 12th & Dune, Wilmington, Del.
See adv index at end of book
Elkhart Brass Mfg. Co. ("Hoosier" & "Acme" & "Elk"), Elkhart, Ind.
Nelson, L. R. ("Crescent"), 1810 S Washington, Peoria, Ill.
Thompson Mfg. Co., Los Angeles, Cal.

14048—Sprinklers (Irrigation)

Campbell J. P. (Automatic), Jacksonville, Fla.

14049— Sprinklers (Keg)

Danner Adam Co., Yonkers, N. Y.
Kaestner & Hecht Co., 500 Throop, Chicago, Ill.

14050— Sprinklers (Park)

Clow Jas. B. & Sons (Arm Revolving Spray, etc.), Franklin & Harrison, Chicago, Ill.
Spray Engn. Co. ("Boston Giant"), 93 Federal, Boston, Mass.

14051—Sprinklers (Plant, Rubber)

Davol Rubber Co., 69 Point, Providence, R. I.
Scolley John A., 74 Myrtle av, Brooklyn, N. Y.

14052— Sprinklers (Potato)

Aspinwall Mfg. Co., Jackson, Mich.
DEMING CO., Salem, O.
See adv index at end of book
Hurst H. L. Mfg. Co., Canton, O.
Peppler Thomas Son & Co., (Two Row), Highstown, N. J.
Potato Implement Co. (Compressed Air, Knapsack Powder Guns, etc), Traverse City, Mich.

14053— Sprinklers (Sand)

Abresch Chas. Co., 398 4th, Milwaukee
American Seeding Machine Co., Springfield, O.
Haass Chas. & Co., 511 E 18th, New York

Sprinkling Cars (Street Railway)

See Cars, Sprinkling, Street Railway

14054— Sprockets (High Speed Chain)

American High Speed Chain Co., 401 S Illinois, Indianapolis, Ind.
Boston Gear Works, Norfolk Downs, Mass.
Grant Gear Works, 151 Pearl, Boston, Mass. *See adv index at end of book*
LINK-BELT CO. ("Link-Belt"), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Morse Chain Co. ("Morse"), Ithaca, N. Y.
Whitney Metal Co. ("Whitney"), Hartford, Conn.

14054a—*Sprockets (Manganese Steel)

Taylor-Wharton Iron & Steel Co., High Bridge, N. J.

14055—Sprockets (Motor Cycle & Bicycle)

Grant Gear Works, 151 Pearl, Boston, Mass. *See adv index at end of book*
Great Western Mfg. Co., La Porte, Ind.
Hydraulic Pressed Steel Co., Cleveland, O.
Parish & Bingham Co., Madison av. & W 106th, Cleveland, O.

14056—Sprockets (Roller & Block Chain)

Brown-Lipe-Chapin Co., Syracuse, N. Y.
Cullman Wheel Co., 1346 Altgeld, Chicago, Ill.
Grant Gear Works, 151 Pearl, Boston, Mass. *See adv index at end of book*
Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry., Phila., Pa. *See adv index at end of book*

14057— Spuds (Bark)

American Axe & Tool Co., Glassport, Pa.
American Logging Tool Co., Evart, Mich.
Ransome-Leach Co., 115 B'way, New York
Romer Axe Co., Dunkirk, N. Y.
Warren Axe & Tool Co., Warren, Pa.
White G. Axe Co., Honesdale, Pa.

14058— Spuds (Closet)

Trenton Brass & Machine Co. ("Sanitas," "Eureka," "Maddock"), Trenton, N. J.

14059— Spuds (Electric)

14060— Spuds (Lawn)

Union Fork & Hoe Co. (Steel Blade Dandelion), Columbus, O.
Wagner Mfg. Co. ("Wagner" Lawn Spud & Transplanter), Cedar Falls, Ia.

14061— Spurs (Horse)

Buermann August Mfg. Co., 229 Jeliff av, Newark, N. J.
Elbel Co., Canton, O.
North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.

14062—Spurs & Points (Ladder)

Auer John Jr. (Wrought Steel), 197 Middleton, Brooklyn, N. Y.
Safety First Supply Co., Hartje bldg, Pittsburgh, Pa.

14063— Squares (Bevel)

Disston Henry & Sons, Tacony, Phila., Pa.
STARRETT L. S. CO. THE, Athol, Mass.
See adv index at end of book

14064— Squares (Caliper)

Brown & Sharpe Mfg. Co., Providence, R. I.
STARRETT L. S. CO. THE, Athol, Mass.
See adv index at end of book

14065— Squares (Center)

Brown & Sharpe Mfg. Co., Providence, R. I.
Goodell-Pratt Co., Greenfield, Mass.
STARRETT L. S. CO. THE, Athol, Mass.
See adv index at end of book

14066—Squares (Combination)

Athol Machine Co., Athol, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Challenge Cutlery Corporation ("Fox's"), Bridgeport, Conn.
Crookston Tool Co. ("A. B. C." Protector Square), Crookston, Minn.
Disston Hy. & Sons, Tacony, Phila., Pa.
Goodell-Pratt Co. (Carpenters, etc.) Greenfield, Mass.
Robinson M. W. Co. ("Rollis"), 203 37th, Brooklyn, N. Y.
Sawyer Tool Mfg. Co., Ashburnham, Mass.
STARRETT L. S. CO. THE, Athol, Mass.
See adv index at end of book
Union Tool Co., Orange, Mass.

14067—Squares (Iron & Steel)

Breul Fred G. ("Fox's" All Steel Carpenters'), Bridgeport, Conn.
Brown & Sharpe Mfg. Co. (Steel), Providence, R. I.
Cassady, Fairbank Mfg. Co. (Steel Only), 6126 S La Salle, Chicago, Ill
Disston Hy. & Sons, Tacony, Phila., Pa.
Eagle Square Mfg Co. (Carpenters), S. Shaftsbury, Vt.
Forsyth Metal Goods Co. (Metal), E. Aurora, N. Y.
Jennings C. E. & Co., 71 Murray, New York
Knickerbocker Mfg. Co. (Steel), Belleville, N. J.
Nicholls Mfg. Co. ("Eureka" Framing Take-Down, Ottumwa, Ia.
Peck, Stow & Wilcox Co., Southington, Conn.
Sargent & Co., New Haven, Conn.
Sawyer Tool Mfg. Co., Ashburnham, Mass.
Simplex Tool Mfg. Co., Woonsocket, R. I.
Southington Hardware Co. (Carpenters), Southington, Conn.
Stanley Rule & Level Co., New Britain, Conn.

14068—Squares (Machinists')

Brown & Sharpe Mfg. Co., Providence, R. I.
Disston Hy. & Sons (Inc.), Tacony, Phila., Pa.
Goodell-Pratt Co. Greenfield, Mass.
Sawyer Tool Mfg. Co., Ashburnham, Mass.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

14069— Squares (Protractor)

Crookston Tool Co. ("A-B-C"), Crookston, Minn.

14070—Squares (Rafter & Framing)

Sargent & Co., New Haven, Conn.

14071— Squares (Set)

Trimont Mfg. Co. ("Simplex"), Armory av, Roxbury, Boston, Mass.

14072—Squares (Sliding Blade)

Goodell-Pratt Co., Greenfield, Mass.

14073— Squares ("T")

Challenge Cutlery Corporation ("Fox's"), Bridgeport, Conn.
Deane E. L. Machine Co. ("Deane's), Holyoke, Mass.
Defiance Mfg. Co., 22 E 41st, New York
Dietzgen Eugene Co., 166 W Monroe, Chicago, Ill.
Disston Henry & Sons, Tacony, Phila, Pa.
Elliott B. K. Co., 126 6th, Pittsburgh, Pa.
Emmert Mfg. Co. ("Emmert" Vertical), Waynesboro, Pa.
Keuffel & Esser, Hoboken, N. J.
Pease C. F. Co., 220 W Institute pl, Chicago, Ill.
STARRETT L. S. CO. THE, Athol, Mass.
See adv index at end of book
Welch T. F. Co. (Steel Blade), 55 Sudbury, Boston, Mass.

14074— Squares (Tailors')

Kerby & Bro., 51 Fulton, New York
Lufkin Rule Co., Saginaw, Mich.
Magee & Richards, 223 Grand, New York

14075—Squares (Take-Down)

Nicholls Mfg. Co. ("Nicholls"), Ottumwa, Ia.
Peck, Stow & Wilcox Co. ("P. S. & W. Samson"), Southington, Conn.
Southington Hardware Co. ("Standard"), Southington, Conn.

14076—Squares (Try & Mitre)

Atkins E. C. & Co., Indianapolis, Ind.
Brown & Sharpe Mfg. Co., Providence, R. I.
Challenge Cutlery Corporation ("Fox's"), Bridgeport, Conn.
Disston Henry & Sons, Tacony, Phila., Pa.
Goodell-Pratt Co. (All Steel), Greenfield, Mass.
Nicholls Mfg. Co. (Bevel-Try), Ottumwa, Ia.
Sawyer Tool Mfg. Co., Ashburnham, Mass.
Southington Hardware Co., Southington, Conn.
Stanley Rule & Level Co., New Britain, Conn.
STARRETT L. S. CO. THE, Athol, Mass.
See adv index at end of book
S. & I. Co., Springfield, Mass.

14077— Squeezers (Germ)

Love Brothers, Aurora, Ill.

14078— Squeezers (Lemon)

Arcade Mfg. Co. ("Arcade" Stationary, "Champion" Stationary, "Perfect" "Union," "Drum Pattern" & "X-Ray"), Freeport, Ill.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Estes E. B. & Sons (Wood), 364 5th av, New York *See adv index at end of book*
Fanning J. P. ("Fanning"), 678 Jefferson av, Brooklyn, N. Y.
Gilchrist Co. ("Linden," Aluminum, Porcelain & Wood), 236 Bank, Newark, N. J.
Giles & Nielsen Nickel Works ("Clipper"), Troy, N. Y.
Hart H. C. Mfg. Co. ("Easy"), Unionville, Conn.
Hills Edwin, Plainville, Conn.
Landers, Frary & Clark ("Little Giant," "Crown" & "L. F. C."), New Britain, Conn.
Nicol & Co. ("World's Fair"), 218 N Jefferson, Chicago, Ill.
Parker Chas. Co., Meriden, Conn.
Redlich Mfg. Co., (Aluminum Wooden Bowl, etc), 637 W Oak, Chicago, Ill.
Richardi & Bechtold (Wood), Bellaire, Mich.
Rocky Hill Hardware Co. ("Leader"), Rocky Hill, Conn.
Silver & Co. (Aluminum & Glass, etc), 304 Hewes, Brooklyn, N. Y.
Sommer John Faucet Co. (Wooden, etc), 30 Morris av, Newark, N. J.
Stover Mfg. Co., Freeport, Ill.
Taplin Mfg. Co. ("Victor"), New Britain, Conn.
Tucker & Dorsey Mfg. Co. (Wooden), Indianapolis, Ind.
Union Porcelain Works (Iron Frame, Porcelain Ball & Bowl), 300 Eckford, Brooklyn, N. Y.
Walker C. L. & Co. ("Quick & Easy," "Walker's" also Lime), 656 W 12th, Erie, Pa.
Williams A. C. Co. ("Pearl," "Boss," "Ideal," "Model," "Wallace"), Ravenna, O.
Wrightsville Hardware Co. ("L. & S. I. Co.," "Brighton"), Wrightsville, Pa.

14078a—*Squeezers (Puddle Ball)

Philadelphia Roll & Machine Co., 25th & Washington, Phila, Pa.

14079— Squeezers (Rotary)

Danville Foundry & Machine Co., Danville, Pa.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
National Roll & Foundry Co., Avonmore, Pa.
United Eng'ng & Fdry. Co., 307 5th av, Pittsburgh, Pa.

14080-1—Squibs (Electric)

See also Blasting Supplies

HERCULES POWDER CO. ("Powell's" & "D. & B."), Wilmington, Del.
See adv index at end of book

14082— Squibs (Miners')

See also Blasting Supplies

Blue Label Safety Squib Co., Plymouth, Pa.
HERCULES POWDER CO. ("D. & B."), Wilmington, Del.
See adv index at end of book
Howells Mining Drill Co., Plymouth, Pa.
Jones T. R. Co. ("Sire-Shot"), Wilkes-Barre, Pa.
Miners' Supply Co. ("Daddow & Beadles"), St. Clair, Schuylkill Co., Pa.
Powell Jno. R. ("Powell"), Plymouth, Pa.
Star Electric Fuse Works ("Star" Electric), Wilkes-Barre, Pa.

14083—Stabilizer (Ship & Airplane)

Green Aeronautical Co., Elyria, O.
Sperry Gyroscope Co., 40 Flatbush av extension, Brooklyn, N. Y.

14084— Stable Fixtures

Those who Manufacture a Full Line, such as Stalls, etc, are indicated by a §

Barbee Wire & Iron Works, 170 N Dearborn, Chicago, Ill.
Barber Mfg. Co. (Cast Iron Feed Boxes, Cesspools, Hay Racks, etc), Ashtabula, O.
Barnum E. T. Wire & Iron Works, 864 Woodward, Detroit, Mich.
Broad Gauge Iron Works, 77 Port, Boston, Mass.
§Buch's A. Sons Co. (Make Full Line) Elizabethtown, Pa.
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.
Casey-Hedges Co. (Cast Iron), Chattanooga, Tenn.
Central Foundry Co. (Cast Iron Feed Boxes, Hay Racks, Drains, etc), 90 West, New York
Chapman Wm. O. Co., 30 Church, New York
§Cheney S. & Son (Hay Racks, Mangers, etc.), Manlius, N. Y.
Chesapeake Iron Works, Westport, Baltimore, Md.
Columbia Iron & Wire Works Co., Canton, Ohio
Creswell Samuel J. Iron Works, 23d & Cherry, Phila, Pa.
§Fiske J. W. Iron Works, 80 Park pl, New York
Ginther's J. Sons Co., Buffalo, N. Y.
Glor Bros. & Willis Mfg. Co., Attica, N. Y.
Glenn Fred E. (Cesspools, Gutters, etc), St. Charles, Ill
Harriman Mfg. Co. (Full Line) Harriman, Tenn.
Hickey M. H., 36 W Randolph, Chicago, Ill.
Hitzeroth Edward, 3124 Market, Phila., Pa.
James Mfg. Co. ("James" Steel), Fort Atkinson, Wis.
§Jones Willis H., Utica, N. Y.
Libby C. A. Co., (Horse Stalls), Oshkosh, Wis.
Loewer John E. Co., Wire & Iron Works, 914 Campbell, Kansas City, Mo.
McLaren Iron Works Co., Cleveland, O.
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
Mitchell Mfg. Co., Milwaukee, Wis.
Morris Iron & Steel Co., Frederick, Md.
§Mott J. L. Iron Works, Trenton, N. J.
National Iron & Wire Co., Cleveland, O.
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Plocher Andrew Sons Co., Dayton, O.
Quick & Thomas Co., Auburn, N. Y.
Rockford Steel Fixture Co. (All Steel Sanitary), Rockford, Ill.
§Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
§Smyser-Rover Co., York, Pa.
Southwest Wire & Iron Works Co., Kansas City, Mo.
Stevens Iron Works & Fireproofing Co., Cleveland, O.
Swett A. L. Iron Works, 141 Glenwood av, Medina, N. Y.
§Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.
Vulcan Co., 11 Raynor, Detroit, Mich.
Vulcan Iron Works, Francisco & Kearny, San Francisco, Cal.
WRIGHT WIRE CO., Worcester, Mass.
See adv index at end of book
Youngstown Wire & Iron Co., Youngstown, O.

14085—Stable or Stall Floors

Fleming & Co. (Adamantine Clinker Brick), 253 B'way, New York
Kettle River Co., Plymouth bldg, Minneapolis, Minn.
Schouler Cement Construction Co. (Sanitary), 154 Frelinghuysen av, Newark, N. J.
Smith F. P. Wire & Iron Works ("Smith" Improved Stall), 2340-48 Clybourn av, Chicago, Ill. *See adv index at end of book*

14086— Stackers (Alfalfa)

Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.
Hay Tool Mfg. Co., Council Bluffs, Ia.
International Harvester Company of America (Inc.), (Deering-McCormick-International), Harvester bldg, Chicago, Ill.
Whitnall Co., Plainville, Conn.

14087— Stackers (Hay)

Acme Harvesting Machine Co., Peoria, Ill.
Anderson Co., 2324 University av, St. Paul, Minn.
Barley Thos. K., Sedalia, Mo.
Children's E. Sons Mfg. Co., Council Bluffs, Iowa
Clippinger A. B. & Son Mfg. Co., Kansas City, Kans.
Dain Mfg. Co. (Automatic), Ottumwa, Ia.
Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.
Fleming & Sons Mfg. Co. (Swinging), Huntsville, Mo.
Garden City Feeder Co. ("Pella"), Pella, Iowa
Harrison Machine Works (Pneumatic), Belleville, Ill.
International Harvester Company of America (Inc.), (Deering-McCormick-International), Harvester bldg, Chicago, Ill.
Jenkins Hay Rake & Stacker Co., Chillicothe, Mo.
Kansas City Hay Press Co., Kansas City, Mo.
Kouns Wesley, Salina, Kans.
Louden Machinery Co., Fairfield, Iowa
O'Neil T. L. ("Lewis"), Marseilles, Ill.
Orndorff O. F. Council Bluffs, Iowa
Plattner Yale Mfg. Co., Lincoln, Neb.
Stalcup E. L., Unionville, Mo.
Superior Hay Stacker Mfg. Co., Linneus, Mo
Swanson Plow Co., Muskogee, Okla.
Walker Mfg. Co., Council Bluffs, Ia.
Wyatt F. Mfg. Co. ("Jayhawk"), Salina, Kan.

14088— Stackers (Lumber)

Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Filer & Stowell Co. (Automatic for Stacking Lumber on Tram Cars for Dry Kilns), Milwaukee, Wis.
Soule Steam Feed Works, Meridian, Miss.

14089— Stackers (Paper)

Erie Lay Boy Co. ("Lay Boy"), Erie, Pa.

14089a— Stacks (Book)

See also Library Shelving & Fittings, Metallic

Snead & Co. Iron Works ("Snead" Metallic Library Standard & Bracket), 98 Pine, Jersey City, N. J.
See adv index at end of book

14090—*Stacks (Newspaper)

Medart Fred Mfg. Co., De Kalb & Potomac, St. Louis, Mo.
See adv index at end of book
SNEAD & CO. IRON WORKS (INC.) (Steel), 98 Pine, Jersey City, N. J.
See adv index at end of book

When writing to firms whose names appear in this book please mention HENDRICKS' COMMERCIAL REGISTER.

14091— Stacks (Steel)

See also Chimneys, Various Kinds; also Boilers, Tubular

Abendroth G. Irving Co. (Inc.), 10 E 43d, New York
Allen Wm. Sons Co., Worcester, Mass.
American Bridge Co., 30 Church, New York
Atlas Engineering Co., Amherst, O.
See adv index at end of book
Baltimore Dry Dock & Ship Bldg. Co., Locust Point, Baltimore, Md.
Bartlett, Hayward Co., Scott & McHenry, Baltimore, Md.
Beckley Perforating Co., Garwood, N. J.
BEGGS JAMES & CO., 30 Warren, New York. *See adv index at end of book*
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Blaw Knox Co., Farmers' Bank bldg, Pittsburgh, Pa.
Bros Wm. Boiler & Mfg. Co., Nic. Island, Minneapolis, Minn.
Buckeye Boiler Co., Dayton, O.
Cambridge Iron Works, Cambridge, Mass.
Carlin's Thos. Sons Co., Oliver bldg, Pittsburgh, Pa.
Casey-Hedges Co. (Self Supporting, Guyed, etc), Chattanooga, Tenn.
Cathell Bros. & Co., Lawrence & E Fort av, Baltimore, Md.
Central Boiler Works, 3rd & Congress, Detroit, Mich.
Chattanooga Boiler & Tank Co., Chattanooga, Tenn.
CHICAGO BRIDGE & IRON WORKS (Self-Supporting) 1319 W. 105th, Chicago, Ill.
For branch offices see adv index at end of book
Coatesville Boiler Works, Coatesville, Pa.
Codd E. J. Co., 700 So. Caroline, Baltimore, Md.
Cole R. D. Mfg. Co., Newnan, Ga.
Columbia Boiler Works, Columbia, Pa.
Columbian Steel Tank Co., New England bldg, Kansas City, Mo.
Columbiana Boiler Co., Columbiana, O.
Columbus Steam Boiler & Heater Co., Columbus, O.
Connellsville Iron Works, Connellsville, Pa.
Connelly D. Boiler Co. (Self-Supporting), Ivanhoe rd & N. Y. & St. L. R. R., Cleveland, O.
Connery & Co., 2d & Luzerne, Phila., Pa.
Cox & Sons Co., 5th & Chestnut, Phila., Pa. Works, Bridgeton, N. J.
Crook H. E. Co., Inc., 28 Light, Baltimore, Md.
Delany P. & Co., Newburgh, N. Y.
DOVER BOILER WORKS. Sales Office, 50 Church, New York (Self-Supporting & Guyed); Works, Dover, N. J.
See adv index at end of book
Downingtown Iron Works, East Downingtown, Pa.
Drake-Williams-Mount Co., Omaha, Neb.
East End Boiler Works, 13 St. Aubin av, Detroit, Mich.
East Jersey Pipe Corp., Paterson, N. J.
Erie City Iron Works, Erie, Pa.
Ervien Chas. W. & Co., Verango & G., Phila,. Pa.
FABRICATED STEEL PRODUCTS CORP., Box 300, Leetonia, Ohio
See adv index at end of book
Fair Haven Foundry & Machine Co. (Inc.), Fair Haven, Vt.
Fargo Foundry Co., Fargo, N. D.
town, O.
Farrar & Trefts, Inc., Buffalo, N. Y.
Franklin Machine & Steam Boiler Wks., 88 Quay, Brooklyn, N. Y.
Finch Mfg. Co., Scranton, Pa.
Focht Geo. Sons, 117-119 Adams, Hoboken, N. J. *See adv index at end of book*
Fouts C. C. Co., 650 Woodlawn av, Middletown, O.
Franklin Machine & Steam Boiler Wks., 88 Quay, Brooklyn, N. Y.
Freeman Mfg. Co., Dept. O., Racine, Wis.
Frick Grate Bar Co. (Self-Supporting), **421 Chestnut, Phila., Pa.**
Geis & Bicvhler, St. Joseph, Mo.
Geneva Boiler Works, Geneva, N. Y.
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
Gogebic Steam Boiler Works, Duluth, Minn.
Graver Wm. Tank Works, East Chicago, Ind.
Graves & Marshall Co., Dayton, Ohio.
Hamburg Boiler Works, Hamburg, Pa.
Hamler Boiler & Tank Co. (Self-Supporting), 3906 S Halsted, Chicago, Ill.
Hammond Iron Works (Self-Supporting), Warren, Pa. *See adv index at end of book*
Harlan & Hollingsworth Corp., ft West, Wilmington, Del.
Harrisburg Mfg. & Boiler Co., Harrisburg, Pa.
Hartley Boiler Works (Self-Supporting), Montgomery, Ala.
Heggie James G. & Sons, Joliet, Ill.
Heil Co. (Self-Supporting), 26th & Montana avs, Milwaukee, Wis.
HEILMAN BOILER WORKS, Allentown, Pa.
Hendrick Mfg. Co., Carbondale, Pa.
Hennessy Dennis, Syracuse, N. Y.
Hibben & Co., 9376 Ewing av, Chicago, Ill.
Heltzel Steel Form & Iron Co., Warren, O.
See adv index at end of book
Holmes Rob't & Bros., Danville, Ill.
Honhorst Joseph Co., 1016 W 6th, Cincinnati, O.
International Engng. Wks., Framingham, Mass.
Iowa Steel & Iron Works, Cedar Rapids, Iowa
Jarvis Engine & Machine Works, Lansing, Mich.
Kansas City Structural Steel Co., Kansas City, Mo.
Kaw Boiler Works Co., Kansas City, Kans.
Keeler E. Co. (Self-Supporting), Williamsport, Pa.
Kehoe Iron Works, Savannah, Ga.
Kelker Blower Co., Buffalo, N. Y.
City, N. J. *See adv index at end of book*
Kellogg M. W. Co., 90 West, New York
See adv index at end of book
Kelly Foundry & Machine Co., Goshen, Ind.
Kewanee Boiler Co., Kewanee, Ill.
King Bridge Co., Cleveland, O.
King F. E. Co., Norfolk, Va.
Kittoe Boiler & Tank Co. (Inc.), Canton, Ohio
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Kries Henry A. & Sons Co., 8 W Lombard, Baltimore, Md.
Lacy Mfg. Co., Los Angeles, Cal.
Lake Shore Engine Works, Marquette, Mich.
Lancaster Iron Works, Lancaster, Pa.
Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.
Leetonia Boiler Co., Leetonia, O.
Leslie Elliott & Co., Paterson, N. J.
Lewis H. B., Ferry av & G. T. Ry, Detroit, Mich.
Lindsay W. W. & Co., Harrison bldg, Phila., Pa.
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Logan Iron Works, 54 Commercial, Brooklyn, N. Y.
Long Walter Mfg. Co., 1312 Muriel, Pittsburgh, Pa.
Lookout Boiler Mfg. Co., Chattanooga, Tenn.
McDermott Engineering Co., Allentown, Pa.
McNamara Bros. Co., Haines & Warner, Baltimore, Md.
McNaull Boiler Mfg. Co., Toledo, O.
McNeil Boiler Co., 96 Crozier, Akron, O.
McNeil Jas. & Bro. Co., Pittsburgh, Pa.
Mallary & Roper Co., Macon, Ga.
Manitowoc Engng. Works, Monitowoc, Wis.
Martin Metal Mfg. Co., Wichita, Kans.
Meehan Boiler & Construction Co. (Self-Supporting), Lowellville, O.
Meyer Otto C. & Co., 30 Franklin, Brooklyn, N. Y.
Michelmann Steel Construction Co. (Self-Supporting), Quincy, Ill.
Milwaukee Boiler Co., 220 Oregon, Milwaukee, Wis.
Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.
Missouri Boiler & Sheet Iron Works, 23d & Paplin, St. Louis, Mo.
Muncie Boiler & Sheet Iron Wks. (Smoke), Muncie, Ind.
Munroe R. & Sons Mfg. Co. (Iron Also), **23rd & Smallman, Pittsburgh, Pa.**
Murray Iron Works Co., Burlington, Ia.
Muskegon Boiler Works (Self-Supporting), Muskegon, Mich.
Nashville Bridge Co., Nashville, Tenn.
National Boiler & Sheet Iron Works, Indianapolis, Ind.
National Iron Works, Detroit, Mich.
Nebraska Culvert & Mfg. Co., Wahoo, Neb.
Newbold R. S. & Son Co., Norristown, Pa.
New England Iron Works Co., Summer, Boston, Mass.
Novelty Steam Boiler Works, 917 S Howard, Baltimore, Md.
O'Brien John Boiler Works Co., 11th & Mullanphy, St. Louis, Mo.
Ohio Machine & Boiler Co. (Self-Supporting), 1501 University rd, Cleveland, O.
Oil City Boiler Works, Oil City, Pa.
Oldman Boiler Works, 38 Illinois, Buffalo, N. Y.
Omaha Structural Steel Works, Omaha, Neb.
Osborne Machine Co., Dubois, Pa.
Payne & Joubert Machine & Foundry Co., **Howard & Euphrosine, New Orleans, La.**
Pennsylvania Boiler Works, Erie, Pa.
Petroleum Iron Works Co. (Self-Supporting & Guyed), Sharon, Pa.
Petty J. K. & Co. (Lebanon Boiler Works, Self-Supporting), Stephen Girard bldg, Phila, Pa. Works: Lebanon, Pa.
Phoenix Iron Works Co., Meadville, Pa.
Pinkerton Robert Boiler Works, Green Island, N. Y.
PITTSBURGH-DES MOINES STEEL CO. (Self-Supporting), 4th & Ross, Pittsburgh, Pa. *See adv index at end of book*
Pollock Wm. B. Co., Youngstown, O.
Quaker City Iron Works (Self-Supporting, etc), Tioga & Edgemont, Phila., Pa.
Reeves Bros. Co. (Self-Supporting), Alliance, O.
Renneburg E. & Sons Co., 2639 Boston, Baltimore, Md.
Republic Iron & Steel Co., Leader-News bldg, Cleveland, O.
Republic Structural Iron Works Co., 1350 E 53d, Cleveland, O.
Riter-Conley Co. (Self-Supporting), Pittsburgh, Pa.
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Rock Island Bridge & Iron Works, Rock Island, Ill.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
Ruggles-Coles Engineering Co., 50 Church, New York
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ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
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Smith Samuel & Son Co., Paterson, N. J.
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Southern Boiler & Tank Works, Memphis, Tenn.
Southern Engine & Boiler Wks., Jackson, Tenn.
Sprenger Joseph & Sons, Detroit, Mich.
Springfield Boiler Co., Springfield, Ill.
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Standard Boiler & Plate Iron Co., Niles, O.
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Standard Tank Co., 15 Park Row, New York
Steacy-Schmidt Mfg. Co., York, Pa.
Stebbins Wallace & Sons, 100 S Charles, Baltimore, Md.
Strandwitz & Scott, Camden, N. J.
Struthers-Wells Co. (Self-Supporting), Warren, Pa. *See adv index at end of book*
THROPP'S JNO. E. SONS CO., ft of Lewis, Trenton, N. J.
See adv index at end of book
Tippett & Wood, Phillipsburg, N. J.
Tofte Boiler & Sheet Iron Works, Houston, Texas
Tomahawk Steel & Iron Works (Self-Supporting), Tomahawk, Wis.
Topeka Steam Boiler Works, Topeka, Kan.
TREADWELL CONSTRUCTION CO. (Self-Supporting), Midland, Pa.
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Treadwell M. H. Co., 140 Cedar, New York
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Tulsa Boiler & Mach. Co., Tulsa, Okla.
TURL IRON & CAR CO. (INC.) (THE), 50 Broad, New York. Works. Newburgh, N. Y.
Twin City Boiler Works, Bristol, Va.
Union Boiler & Mfg. Co., Lebanon, Pa.
Union Iron Works, Erie, Pa.
Union Iron Works, Hoboken, N. J.
United Boiler Heating & Foundry Co., Hammond, Ind.
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Vance Jas. R. (Boiler Mfrs.), Geneva, N. Y.
Vance & Baker Mfg. Co., Muscatine, Ia.
Variety Iron & Steel Works Co., Hamilton av & E 40th, Cleveland, O.
Virginia Bridge & Iron Co., Roanoke, Va.
Vogt Henry Machine Co., Louisville, Ky.
WALSH & WEIDNER BOILER CO., Chattanooga, Tenn.
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Walsh's Boiler & Iron Works, Springfield, Mass.
Warren City Tank & Boiler Co., Warren, Ohio
Waterloo Mfg. Co., Waterloo, Ia.
Western Drop Forge Co., P. O. Box 386, Marion, Ind.
Western Iron & Foundry Co., Wichita, Kans.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Wetherill Robt. & Co. (Self-Supporting), Chester, Pa.
Wholey Boiler Works, 95 Whipple, Providence, R. I.
Wickes Boiler Co., Saginaw, Mich.
Wilson Steam Boiler Co., Omaha, Neb.
Wisconsin Bridge & Iron Co., (Self-Supporting) No. Milwaukee, Wis.
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Gurley W. & L. E. ("Beaman" Stadia Arc, etc), Troy, N. Y.

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Wolf, Jacques & Co., Passaic, N J

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Dennehy Bros., Brockton, Mass.

Stair Builders (Iron)

See Iron Stair Builders

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American Sash and Door Co. (Wholesale Mfrs), Kansas City, Mo.
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Bering Mfg. Co. (Pine & Cypress, Wholesale Mfrs), Houston, Tex.
Bossert Louis & Son, 1335 Grand, Brooklyn, N Y.
Brockway-Smith Corp'n, 98 Canal, Boston, Mass.
Carr, Ryder & Adams Co., Dubuque, Ia.
Carr & Baal Co., Des Moines, Ia.
Carter Mfg. Co. (Stairs Only, Wholesale Mfrs.), Keokuk, Ia.
Curtis Bros. & Co. (Wholesale), Clinton, Ia.
Curtis, Towle & Paine Co. (Wholesale Mfrs.), Lincoln, Neb.
Curtis & Yale Co. (Wholesale Mfrs.), Wausau, Wis.
Dickey A. & Co., 37 Bristol, Boston, Mass.
East Tacoma Mfg. Co. (Whol.), Tacoma, Wash.
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Foster-Munger Co. (Wholesale Mfrs.), 1404 W 37th, Chicago, Ill.
Gauger Jno. A. & Co. (Wholesale Mfrs.), 1434 W 22d, Chicago, Ill.
Gordon, Vantine & Co., Davenport, Ia.
Gould Mfg. Co. (Wholesale), Oshkosh, Wis.
Gray's Harbor Commercial Co. (Wholesale **Mfrs.), ft of 3rd, San Francisco, Cal.**
Hafner Mfg. Co. (Wholesale), Main & Dock, St. Louis, Mo.
Huttig Mfg. Co. (Wholesale Mfrs.), Muscatine, Iowa
Huttig Mill Wk. Co., Kansas City, Mo.
Hyde-Murphy Co., Ridgway, Pa.
Lecontour Bros. Stair Mfg. Co., 4523 Shaw, av, St. Louis, Mo.
Leuckel A. K. & Co., Trenton, N. J.
Loetscher & Burch Mfg. Co., Des Moines, Ia.
Lord Lumber Co., La Grange, Ill.
McMillen R. Co. (Wholesale Mfrs.), Oshkosh, Wis.
Missouri Stair Co. (Wholesale Mfrs.), 4205 Forest Pk. blvd, St. Louis, Mo.
Morgan Co. (Wholesale Mfrs.), Oshkosh, Wis.
Nelson Lumber & Mfg. Co., 372 Dublin av, Columbus, O.
Paine Lumber Co., Ltd. (Wholesale Mfrs., for the Trade Only), Oshkosh, Wis.
Radford Sash & Door Co. (Wholesale Mfrs.), 1827 Prairie av, Chicago, Ill.
Roberts Sash & Door Co. (Wholesale Mfrs.), 920 W 20th, Chicago, Ill.
Rockwell Mfg. Co. (Wholesale Mfrs.), 572 Park, Milwaukee, Wis.
St. Louis Sash & Door Works (Wholesale Mfrs.), B'way & Destrehan, St. Louis, Mo.
Salisbury Wood Working Co., Salisbury, Md.
Spangler Frank Co. (Newels, Balusters, Spindles, etc), Toledo, O.
Starkweather R. R. Co. (Wholesale Mfrs.), Oshkosh, Wis.
STEARNS A. T. LUMBER CO., 100 Taylor, Neponset, Boston, Mass.
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Williams & Hunting Co., Cedar Rapids, Ia.
Zimmerman Chas. E., Syracuse, N. Y.

14097— Stair Corners

Berbecker & Rowland Mfg. Co., (Brass), Waterville, Conn.
Painesville Metallic Binding Co. (Brass & Zinc), Painesville, O.
Weber-Knapp Co. (Cast Brass), Jamestown, N. Y.

14098— Stair Nosing

American Mason Safety Tread Co. (Brass Delta Metal), Lowell, Mass.
Braun J. G., 609 S Paulina, Chicago, Ill.
DAHLSTROM METALLIC DOOR CO. (Cold Drawn, Any Metal), 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Howell F. R. Brass Works (Brass), 122 N Franklin, Phila., Pa.
Hungerford U. T. Brass & Copper Co. (Brass & Zinc), 80 Lafayette, New York
Knapp Rubber Binding Co. ("Antislippin" Rubber), 31 E 17th, New York
McKenna Brass & Mfg. Co., Inc., 1st av & Ross, Pittsburgh, Pa.
Newman Mfg. Co., 717 Sycamore, Cincinnati, O., **68 W Washington, Chicago, Ill.** *See adv index at end of book*
New York Belting & Packing Co. (Rubber & Metal), 91 Chambers, New York
Painesville Metallic Binding Co. (Brass & Zinc), Painesville, Ohio
St. Louis Brass Mfg. Co., Jefferson & Washington, St. Louis, Mo.
Universal Safety Tread Co. (Safety Treads), Waltham, Mass.
Zenite Metal Co. ("Alite"), Indianapolis, Ind.

14099—*Stair Rails (Brass & Bronze)

Newman Mfg. Co., 717 Sycamore, Cincinnati, O., **68 W Washington, Chicago,** Ill. *See adv index at end of book*
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book

14099a—*Stair Risers (Pressed Steel)

INTERIOR METAL MFG. CO., Jamestown, N. Y. *See adv index at end of book*

14100—Stair Risers (Sheet Steel)

Empire Art Metal Co., Inc., College Point, L. I., N. Y.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Penn Metal Co. ("Penco"), 65 Franklin, Boston, Mass.

14101—Stair Treads (Brass)

AMERICAN MASON SAFETY TREAD CO., Lowell, Mass.
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York
Manhattan Brass Co., 332 E 28th, New York
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Newman Mfg. Co., 717 Sycamore, Cincinnati, O., **68 W Washington, Chicago,** Ill. *See adv index at end of book*
Universal Safety Tread Co. (Lead Filled), Waltham, Mass.
Waterbury Brass Goods Corporation, Waterbury, Conn.

14102—Stair Treads (Cast Iron)

Canton Foundry & Machine Co., Canton, O.
Chattanooga Roofing & Fdry. Co., Chattanooga, Tenn.
Cheney S. & Son, Manlius, N. Y.
Hanke Iron & Wire Works, 800 N Albany av, Chicago, Ill.
See adv index at end of book
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
Swett A. L. Iron Works, Medina, N. Y.
Woonsocket Mach. & Press Co. ("Rockdale Mills," Corrugated), Woonsocket, R. I.

14103—Stair Treads ("Feralun" Metal)

American Abrasive Metals Co., 50 Church, New York

14104-5—Stair Treads (Lead Filled)

American Mason Safety Tread Co., Lowell, Mass.
Universal Safety Tread Co. (Also Alundum), Waltham, Mass.

Stair Treads (Rubber)

See Mats & Matting, Rubber

14106—Stair Treads (Safety)

AMERICAN MASON SAFETY TREAD CO. ("Mason" & "Stanwood"), Lowell, Mass.
Concrete Steel Co. ("Sanitread") 42 Broadway, New York

STAIR TREADS (SAFETY)—continued

Euclid Stone & Brick Co. ("Non-skid" Stone), Cleveland, O.

14106a—Stair Treads (Soapstone)

Alberene Stone Co., 223 E 23d, New York

14107— Stair Treads (Wrought Steel)

AMERICAN MASON SAFETY TREAD CO. (Lead or Carborundum), Lowell, Mass.
Braun J. G., 609 S Paulina, Chicago, Ill.
Keystone Steel Co. ("Kesco" Diamond Ribbed & Checkered Pattern), Warren, Pa.
Republic Structural Iron Works Co., 1350 E 53d, Cleveland, O.
Trusen Steel Co., Youngstown, O.

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DAHLSTROM METALLIC DOOR CO., 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book

14109— Stairs (Fireproof)

Guerber Engineering Co., Bethlehem, Pa.
Hanke Iron & Wire Works, 800 N Albany av, Chicago, Ill.
See adv index at end of book
Hughes-Keenan Co. (Presssed Steel), Mansfield, O.
Republic Structural Iron Works Co., E. 53d & Lakeside av, Cleveland, O.
Winslow Bros. Co., 4600 Harrison, Chicago, Ill.

14109a—Stairs (Iron & Bronze)

Tyler, W. S. Co., Cleveland, O.
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14110-1—Stairs (Mine Escape Shaft)

Hanke Iron & Wire Works, 800 N Albany av, Chicago, Ill.
See adv index at end of book
Lucas A. & Sons, 1329 S Washington, Peoria, Ill.

Stairs (Spiral)

See Iron Stair Builders

14111— Stairways (Moving)

(Also Known as Escalators)

14111a—*Stairways & Balustrades

GORHAM CO., ARCHITECTURAL BRONZE, 5th av & 36th, New York
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National Malleable Castings Co., 7706 Platt av, S. E., Cleveland, O.
Phoenix Mfg. Co. (For Log Cars), Eau Claire, Wis.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

Stake Riveting Machines

See Riveting Machines, Stake

14114— Stakes (Cattle)

Auer John Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.

14114a— *Stakes (Plant)

Estes E. B. & Sons Co., 364 5th av, New York. *See adv index at end of book*

14115— Stakes (Tinners')

Emrich Phil. ("Emrich"), 824 Main, Cincinnati, O.
Merchant & Evans Co., 2035 Washington av, Philadelphia, Pa.
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NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
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Stortz John & Son (Also Slaters'), 210 Vine, Phila., Pa.

14115a—*Stall Fittings for Lavatories

ALBERT G. G. & CO. (Closet & Urinal), Bangor, Pa.

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Hudson Mfg. Co., 308 3d av N, Minneapolis, Minn.
James Mfg. Co. ("James" Sanitary Steel), Ft. Atkinson, Wis.
Louden Machinery Co., Fairfield, Ia.
Mitchell Mfg. Co., Milwaukee, Wis.
Rossmann F. Mfg. Co., Beaver Dam, Wis.
Smith E. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
SNOW W. A. IRON WORKS (INC.), 19 Portland, Boston, Mass.

14117—*Stamped Parts for Cream Separators

Acklin Stamping Co., 1659 Dorr, Toledo, O.
See adv index at end of book
Bossert Corporation, The, Utica, N. Y.
See adv index at end of book
GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis.
See adv index at end of book
MATTHEWS MFG. CO., 104 Gold, Worcester, Mass. *See adv index at end of book*

14118—*Stamped Ware (Galvanized & Japanned)

GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis.
See adv index at end of book

14119—Stamping (Aluminum)

Aluminum Goods Mfg. Co., Manitowoc, Wis.
Aluminum Ware Mfg. Co., Inc., Elmira, N. Y.
Am. Sheet Metal Stamping Corp'n, Lehigh av & Mutter, Phila., Pa.
Cleveland Wrought Products Co., W 58th & W & L. E. Belt Line, Cleveland, O.
GASKET SUPPLY CO., 1927 Ludlow, Phila, Pa. *See adv index at end of book*
GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis. *See adv index at end of book*
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill.
See adv index at end of book
Sharon Steel Hoop Co., Sharon, Pa.

14120—*Stamping (Automobile)

Acklin Stamping Co., 1659 Dorr, Toledo, O.
See adv index at end of book
BOSSERT CORPORATION, THE, Utica, N. Y. *See adv index at end of book*
Boston Pressed Metal Co., 169 Union, Worcester, Mass.
Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, O.
Erie Metal Products Co., Erie, Pa.
GASKET SUPPLY CO. (Any Kind, Any Shape, Any Material), 1837 Ludlow, Phila., Pa. *See adv index at end of book*
GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis. *See adv index at end of book*
MATTHEWS MFG. CO., 104 Gold, Worcester, Mass.
See adv index at end of book
Scovil Mfg. Co. (To Order Only), Waterbury, Conn. *See adv index at end of book*
Youngstown Pressed Steel Co., Youngstown, O.

14121— *Stamping (Brass)

Acklin Stamping Co., 1659 Dorr, Toledo, O.
See adv index at end of book
BOSSERT CORPORATION, THE, Utica, N. Y. *See adv index at end of book*
Boston Pressed Metal Co., 169 Union, Worcester, Mass.
Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, O.
GASKET SUPPLY CO. (All Shapes & Sizes), 1927 Ludlow, Phila., Pa.
See adv index at end of book
GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis. *See adv index at end of book*
KNAPP, ARTHUR ENGINEERING CORP., 30 Church, New York
See adv index at end of book
PEORIA CAN CO., Peoria, Ill.
See adv index at end of book
Pfau Mfg. Co., Mentour & Huston, Norwood, Cincinnati, O.
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill.
See adv index at end of book
Scovil Mfg. Co. (& Bronze to Order Only), Waterbury, Conn.
See adv index at end of book
Winchester Brass & Copper Co., Winsted, Conn.

14121a—*Stamping (Copper)

DEWES A. CO., 199 Lafayette, New York

14122—Stamping (German Silver)

Bridgeport Brass Co., Bridgeport, Conn.
Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, O.
Matthews H. A. Mfg. Co., Seymour, Conn.
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill.
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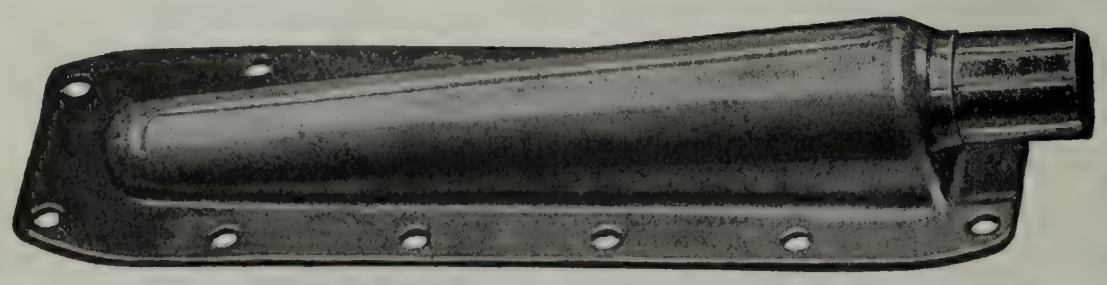

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Adell Mfg. Co. (Light & Heavy), Orange, Mass.
Advance Machinery Co., Toledo, O.
Akron Metallic Gasket Co., 142 N Union, Akron, O. *See adv index at end of book*
Allsteelequip Co., Aurora, Ill.
AMERICAN BRASS PRODUCTS CO., Pottstown, Pa.
AMERICAN CAN CO., 120 B'way, New York *See adv index at end of book*
American Metal Ware Co., 368 W Huron, Chicago, Ill.
American Metal Works, Armat & Heiskel, Gtn., Phila., Pa.
American Nut & Bolt Fastener Co. (all kinds of stamped metal specialties), Ontario & Doerr, Pittsburgh, Pa.
American Rivet Co., New Haven, Conn.
American Safety Lamp & Mine Supply Co., Scranton, Pa.
American Sheet Metal Stamping Corp., Lehigh av & Mutter, Phila., Pa.
American Shovel & Stamping Co., Lorain, Ohio
AMERICAN TUBE & STAMPING CO., Bridgport, Conn.
Ashley Machine Works, Rochester, N. Y.
Atlantic Stamping Co., 156-180 Ames, Rochester, N. Y.
Atlas Metal Parts Co., 998 15th, Milwaukee, Wis.
Auto Plating & Mfg. Co., Cleveland, O.
Barker H. J. & Co., 101 N Jefferson, Chicago, Ill.
Barlow Co., Holyoke, Mass.
BARNES, THE WALLACE CO. (Small), 18 Wallace, Bristol, Conn. *See adv index at end of book*
Bassemir John & Son, 87 Frankfort, New York
Bay State Stamping Co. (Sheet Metal Stamping to Order), 380 Chandler, Worcester, Mass.
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Bilton Machine Tool Co., The (& Small Drawing), Bridgeport, Conn.
Blickman S., 199 Lafayette, New York
Bliss-Chester Co., 31 Mathewson, Providence, R. I.
Bliss E. C. Mfg. Co., 73 Page, Providence, R. I.
Boesch Lamp Co., 962 Mission, San Francisco, Cal.
BOSSERT CORPORATION, THE, Utica, N. Y. *See adv index at end of book*
Boston Pressed Metal Co., 169 Union, Worcester, Mass.
Bowen Products Corp., Auburn Div., 357 Canal, Auburn, N. Y.
Brazil Stamping & Mfg. Co. (Stamping & Drawing), Brazil, Ind.
Bridgeport Brass Co. (Large), Bridgeport, Conn.
Bridgeport Chain Co., Bridgeport, Conn.
Bridgeport Metal Goods Mfg. Co., Bridgeport, Conn.
Buckeye Stamping Co., Columbus, O.
Budd Edward G. Mfg. Co., 25th & Hunting Park av, Phila., Pa.
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Burdick & Son., Albany, N. Y.
Burns & Bassick Co., Div. of The Bassick Co., Bridgeport, Conn.
Burr Mfg. Co., Whitney Power blk, Cleveland, O.
Burrows Metal Mfg. Co., 521 W 23d, New York
Canister Co. of New Jersey (Tin Stamping), Phillipsburg, N. J.
Carpenter L. A. Press Metal Co. (Brass & Steel), Cambridge, Mass.
Cassady, Fairbank Mfg. Co., 6126 S La La Salle, Chicago, Ill.
Central Machine Works, 1911 N 12th, St. Louis, Mo. *See adv index at end of book*
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Chapin R. E. Mfg. Works, Batavia, N. Y.
Chicago Nut Co., 2513 W 20th, Chicago, Ill.
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Clark W. J. Co., Salem, O.
Clayton & Lambert Mfg. Co. (Large & Small), 205 Piquette av, E, Detroit, Mich.
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Cleveland Metal Stamping Co., Cleveland, Ohio
Cleveland Stamping & Tool Co. (Also Enameled & Polished Hollow Ware), Cleveland, O.
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Columbia Metal Stamping Co., Cleveland, O
Columbus Die, Tool & Machine Co., 955 Cleveland av, Columbus, O.
Connecticut Brass & Mfg. Corp., Waterbury, Conn.
Consolidated Fruit Jar Co., New Brunswick, N. J.
Cook H. C. Co., 100-120 Jewett, Ansonia, Conn.
Cornwall Mfg. Co., Penobscot av, Cleveland, O.
Crandal, Stone & Co., Division The Brewer-Titchener Corp., Binghamton, N. Y.
Crosby Co., 183 Pratt, Buffalo, N. Y.
Crown Hardware Mfg. Co., 1101-21 E Second, Dayton, O.
Curtis Albert B. Worcester, Mass.
Cuyahoga Spring Co., 16609 Waterloo rd, Cleveland, O. *See adv index at end of book*
DAHLSTROM METALLIC DOOR CO., 35 Blackstone av, Jamestown, N. Y. *See adv index at end of book*
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Detroit Metal Spinning Co., 197 Monroe, Detroit, Mich.
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Detroit Range Boiler Co. (Heavy), 619 24th, Detroit, Mich.
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Globe Machine & Stamping Co. (Heavy for Automatic, Deep Drawing, etc), 1250 W 76th, Cleveland, O.
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Grammes L. F. & Sons, Allentown, Pa. *See adv index at end of book*
Grand Rapids Brass Co., Grand Rapids, Mich.
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Kales-Haskell Co., 443 Lafayette, Detroit, Mich.
Keiner-Williams Stamping Co., Richmond Hill, N. Y.
Kirk & Blum Co., York & Western avs, Cincinnati, O.
Konigslow E. Stamping & Tool Works, Cleveland, O.
Konigslow Otto Mfg. Co. (Special Manufacturing), 3506 Perkins av, Cleveland, Ohio
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Loventgen H. K., 60 Grand, New York
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Mahoning Steel Products Co., Warren, O.
Massachusetts Machine Shop, Inc. (Light & Medicine), Worcester, Mass.
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Matthews H. A. Mfg. Co. (Stamping & Drawing), Seymour, Conn.
MATTHEWS MFG. CO. (Stamping & Drawing, All Metals), 104 Gold, Worcester, Mass. *See adv index at end of book*
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Metal Stamping & Mfg. Co., 15th & Oklahoma avs, Milwaukee, Wis.
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Michigan Stamping Co., Detroit, Mich.
Milwaukee Metal Working Co., 383 Clinton, Milwaukee, Wis.
Milwaukee Stamping Co., West Allis, Wis.
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Moline Pressed Steel Co., East Moline, Ill.
Mossberg Frank Co. (Stamping & Punching), Attleboro, Mass.
Mound Tool Co., 1203 S 7th, St. Louis, Mo.
Moyer-Shaw Mfg. Co., Detroit, Mich.
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National Scale Co., 11 Hendricks, Chicopee Falls, Mass.
National Stamping & Electric Wks., Clinton & Van Buren, Chicago, Ill.
National Welding & Mfg. Co., Buffalo, N. Y.
Neevel Mfg. Co. (Light), 1409 Kansas av, Kansas City, Mo.
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New England Pressed Steel Co., Natick, Mass.
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New York & Hagerstown Metal Stamping Co., Hagerstown, Md.
Newark Sheet Metal Co., Newark, N. J.
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Northwestern Stamping Co., Burlington, Ia.
Novelty Mfg. Co., Waterbury, Conn.
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Osborne & Stephenson Mfg. Co., Plainville, Conn.
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Parsons Specialty & Machine Wks., 2427 N 4th, Phila., Pa.
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Pritchard Stamping Co., Rochester, N. Y.
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R. P. K. Pressed Metal Co., Bridgeport, Conn.
Racine Metal Stamping Co., Racine, Wis.
Reiter G. C., Canton, O.
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Risdon Tool & Mach. Co., Naugatuck, Conn.
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Rockwood Sprinkler Co., Worcester, Mass.
Root Chas. J. Co., Bristol, Conn.
San Francisco Metal Stamping & Corrugating Co., 2369 Folsom, San Francisco, Cal.
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St. Louis Trunk Hardware Mfg. Co., 609 Choteau av, St. Louis, Mo.
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Sayre Stamping Co., Sayre, Pa.
Schatz Mfg. Co., Poughkeepsie, N. Y.
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
SCOVILL MFG. CO. (To Order Only), Waterbury, Conn.
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Screw Machine Products Corp., 1012 Eddy, Providence, R. I.
Seiss Mfg. Co., Toledo, O.
Sessions J. H. & Son, Bristol, Conn.
Sharon Steel Hoop Co., Sharon, Pa.
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Snow & Barkley, 252 B'way, New York
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Solar Metal Products Co. (Steel), Columbus, O.
Standard Die & Stamping Co., Arrott Power bldg, Pittsburgh, Pa.
Standard Nut & Bolt Co., Valley Falls, R. I.
Standard Stamping & Die Co., 151 33d, Brooklyn, N. Y.
Standard Steel Box Co., Pittsburgh, Pa.
Stanley Works (Special), New Britain, Conn. *See adv index at end of book*
Stearns W. H. Stamping Co. (Cold Metal), Worcester, Mass.
Sterling Mach. & Stamping Co., Wellington, O.
Stimpson Edwin B. Co., 68 Franklin av, Brooklyn, N. Y.
Stirrup Mfg. Co., 257 Greenwich, New York
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Union Metal Goods Co. (Small), Pawtucket, R. I.
Unique Findings & Supply Co., 36 Garnet, Providence, R. I.
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Vogel Wm. & Bros., 37 S 9th, Brooklyn, N. Y.
Wade Machine Co., 817 Albany, Boston, Mass.
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14124— Stamping Works

See also Enameled Ware Mfrs.; also Stamping, Sheet Metal

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Atlas Metal Parts Co., 998 15th, Milwaukee, Wis.
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Bowen Prods. Corp., Auburn Div., 357 Canal, Auburn, N. Y.
Briscoe Mfg. Co., Detroit, Mich.
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Central Stamping Co., 174 Fulton, New York
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Cleveland Pressed Steel Co., Havard av, Cleveland, O.
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Federal Enameling & Stamping Co., Thomson & Chartiers, Pittsburgh, Pa.
Fostoria Pressed Steel Co., Fostoria, O.
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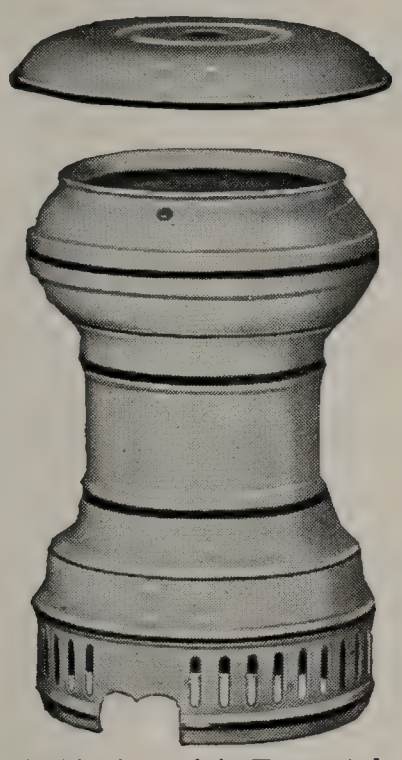

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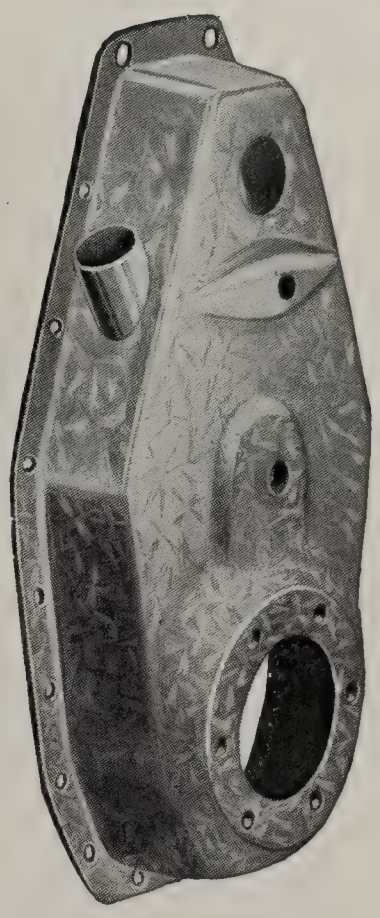

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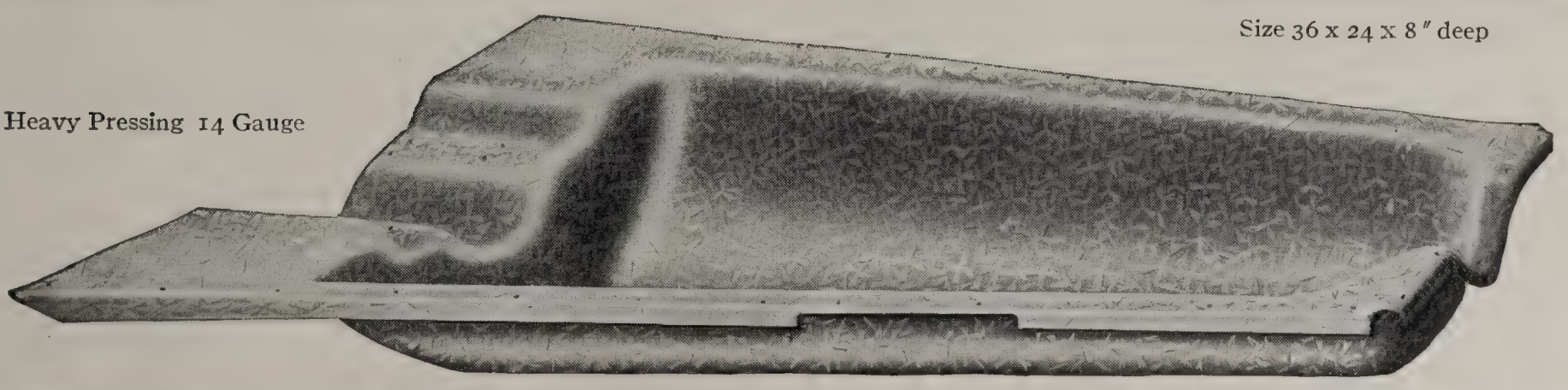

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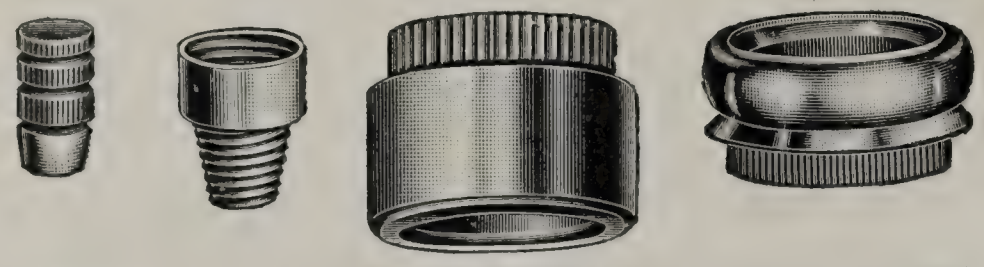

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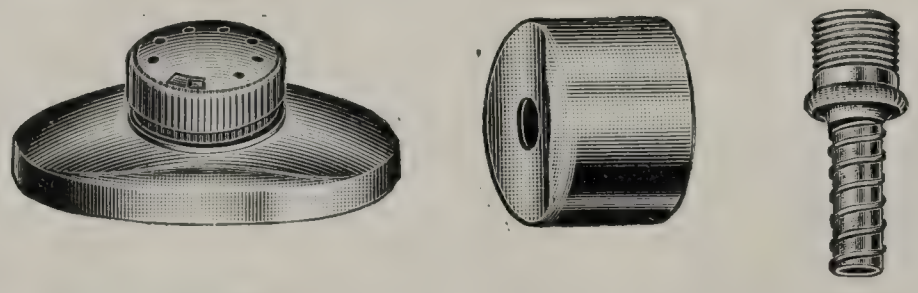

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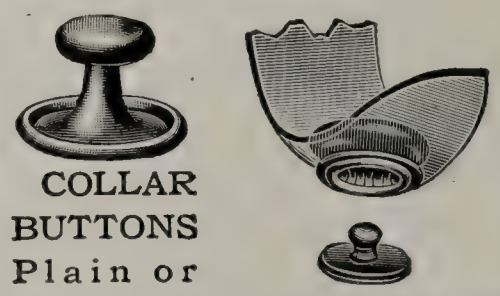

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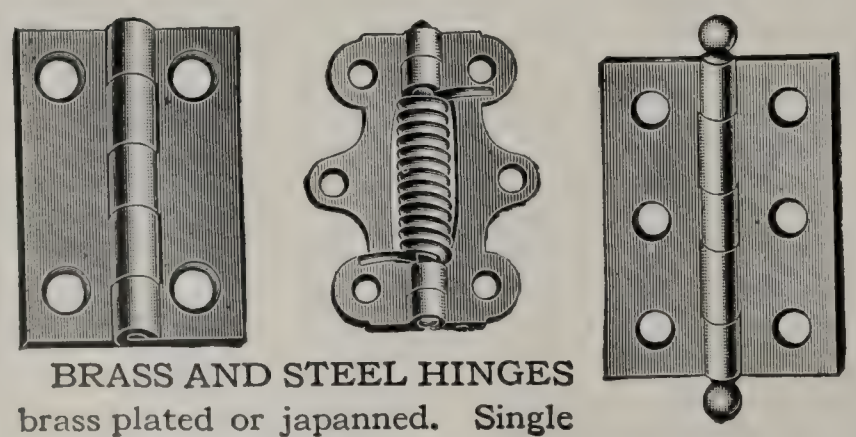

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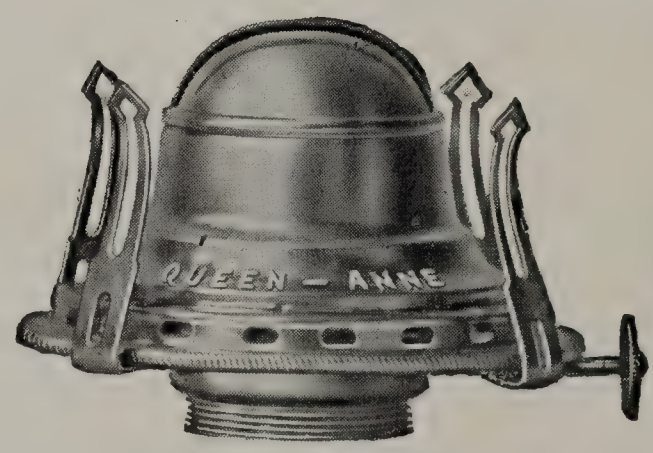

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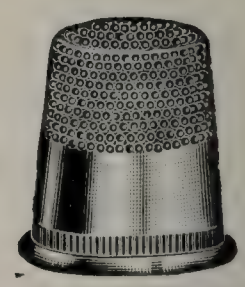

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Michigan Stamping Co., Detroit, Mich.
Milwaukee Stamping Co., West Allis, Wis.
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Parker Chas. Co., Meriden, Conn.
Peoria Can Co., Peoria, Ill.
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill.
See adv index at end of book
Republic Metalware Co., The, Buffalo, N. Y.
Republic Stamping & Enameling Co., Canton, O.
Rochester Stamping Co. (Tin & Hollow Ware), Rochester, N. Y.
St. Louis Metalware Co., 2507 N B'way, St. Louis, Mo.
Sayre Stamping Co., Sayre, Pa.
Sessions J. H. & Son, Bristol, Conn.
Sharon Steel Hoop Co., Sharon, Pa.
Standard Stamping Co., B'way & Chambers, St. Louis, Mo.
Thomas Peter Co., Canton, O.
Troy Stamping Works, Troy, N. Y.
Wheeling Stamping Co., Wheeling, W. Va.
Worcester Pressed Steel Co., Worcester, Mass.

14125— *Stamping & Drawing (Sheet Metal)

See also Stamping, Sheet Metal

Acklin Stamping Co., 1659 Dorr, Toledo, O.
See adv index at end of book
AMERICAN CAN CO., 120 B'way, New York. *See adv index at end of book*
BOSSERT CORPORATION, THE, Utica, N. Y. *See adv index at end of book*
Boston Pressed Metal Co., 169 Union, Worcester, Mass.
DAHLSTROM METALLIC DOOR CO. (Steel Stamping & Drawing), 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book
DEWES A. CO., 199 Lafayette, New York
Edwards Mfg. Co., Cincinnati, O.
See adv index at end of book
GEM MFG. CO., Goebel nr Fulton M. S. Pittsburgh, Pa.
See adv index at end of book

GEUDER, PAESCHKE & FREY CO., (Aluminum, Brass, Copper, Sheet, Steel, Monel Metal, Tin Plate, etc; also Porcelain Enameling), Milwaukee, Wis. *See adv index at end of book*
KNAPP ARTHUR ENGINEERING CORP., 30 Church, New York
See adv index at end of book
MATTHEWS MFG. CO., 104 Gold, Worcester, Mass. *See adv index at end of book*
Metal Crafters, East Stroudsburg, Pa.
See adv index at end of book
North Star Spinning & Mfg. Co., St. Paul, Minn.
QUADRIGA MFG. & SPECIALTY CO., (Any Metal), 213 W Grand av, Chicago, Ill. *See adv index at end of book*
Scovil Mfg. Co., Wterbury, Conn.
See adv index at end of book
Snead & Co. Iron Works, 98 Pine, Jersey City, N. J. *See adv index at end of book*

14126—*Stamps (Atmospheric)

ALLIS-CHALMERS MFG. CO. (Mine), Milwaukee, Wis.
See adv index at end of book

14127—Stamps (Dating, Wheel)

American Stamp Mfg. Co., 85 John, New York
Childs S. D. & Co., 136 S Clark, Chicago, Ill.

14128— *Stamps (Gravity)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Clegg Mfg. & Tool Co., Attleboro, Mass.

14129—Stamps (Name, for Concrete)

Arrowsmith Concrete Tool Co. (Also Stamping Outfits), Arrowsmith, Ill.
Matthews Jas. H. & Co. (Brass), Pittsburgh, Pa.
Schmidt Geo. T. (Sidewalk), 136 W Lake, Chicago, Ill.
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.

Stamps (Numbering & Dating)

See Numbering Machines; also Dating Machines

14130— Stamps (Rubber)

Adams S. G. Stamp & Seal Co., 412 N 6th, St. Louis, Mo.
Allen, Doane & Co., 29 Cornhill, Boston, Mass.
American Stamp Mfg. Co., 85 John, New York
Arnold's J. H. Sons, 47 Fulton, New York
Ashbery Henry C., 285 Washington, Buffalo, N. Y.
Atlanta Rubber Stamps & Stencil Works, Atlanta, Ga.
Banning W. E. Stamp & Stencil Works, Syracuse, N. Y.
Barnard Stamp Co., St. Louis, Mo.
Barton Mfg. Co., 87 Duane, New York
Buck T. S. Mfg. Co., 535 B'way, New York
Childs S. D. & Co., 136 S Clark, Chicago, Ill.
Consolidated Stamp Mfg. Co. (Hand & Machine "Advance," "Quality"), 87 Maiden la, New York
Cooke J. P. Co., Omaha, Neb.
Dimond-Union Stamp Works, 175 Washington, Boston, Mass.
Evans & Convery, 24 N 6th, Phila., Pa.
Everett A. & Son, Auburn, N. Y.
Everson & Reed Co., 88 Chambers, New York
George Bros. Griffith Co., Lincoln, Neb.
Hanson C. H. Co., 178 N Clark, Chicago, Ill.
Hoil Mfg. Co., 45 N Division, Buffalo, N. Y.
Kasper Stamp & Seal Co., 821 Locust, St. Louis, Mo.
Kautz Fred C. & Co., 2633 W Lake, Chicago, Ill.
Koehler Henry L. Mfg. Co., Louisville, Ky.
Leonhardt Louis, 111 Warren, New York
Love Jos. V. & Co., Galveston, Tex.
Matthews Jas. H. & Co., 3942 Forbes, Pittsburgh, Pa.
Mayer Geo. J. & Co., 36 S Meridian, Indianapolis, Ind.
Meyer & Wenthe 108 N Dearborn, Chicago, Ill.
MOISE-KLINKER CO. (Red Rubber), 369 Market, San Francisco, Cal.
Moss Henry & Co., 37 Beaver, New York
Mulhaupt F. Jos., Lafayette, Ind.
Murdock W. Jas Co., 116 Opera pl, Cincinnati, O.
Ness Geo. M. Jr., 61 Fulton, New York
Noble & Westerbrook Mfg. Co., Hartford, Conn. *See adv index at end of book*
Northwestern Stamp Wks., 110 E 3d, St. Paul, Minn.
Oram Jas. C. & Co., 100 W South Water, Chicago, Ill.
Salt Lake Stamp Co., Salt Lake City, Utah
Smith R. H. Mfg. Co., Springfield, Mass.
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.
Spokane Stamp Works, Spokane, Wash.
Stewart R. A. & Co., 201 Broadway, New York
Swisher H. D. Mfg. Co., 413 S Clinton, Chicago, Ill.
Taylor Bros Co., 706 Superior av, N. W., Cleveland, O.
Troy Rubber Stamp Works, Troy, N. Y.
Utermohle G. A. & Co., 133 Cheapside, Baltimore, Md.
Weber-Erickson-Bunting Co., 221 Diamond, Pittsburgh, Pa.
Western Stamp & Stencil Co., Omaha, Nebr.
Wright Greg G. & Son, 119 Opera pl, Cincinnati, O.

14131—Stamps (Self-Inking)

Hill Independent Mfg. Co., Emerald & Adams, Phila., Pa.
Melind Louis Co., 183 W Madison, Chicago, Ill.
New York Stencil Works, 100 Nassau, New York
Smith R. H. Mfg. Co., Springfield, Mass.

Stamps, Shoes & Dies

See Shoes & Dies, Stamp Mill

14132— *Stamps (Steam)

ALLIS-CHALMERS MFG. CO. ("Tremain"), Milwaukee, Wis.
See adv index at end of book

14133— Stamps (Steel)

Arnold's J. H. Sons, 47 Fulton, New York
Brunner & Lay, 570 W Polk, Chicago, Ill.
Butler A. G., 253 Broadway, New York
Carragan & Tilson, 88 Chambers, New York
Chandler Co., Springfield, Mass.
Cleveland Steel Stamp Works, Cleveland, O.
Cooke J. P. Co., Omaha, Neb.
Cunningham M. E. Co. (For Letters & Figures for Making Tools, etc), 625 Smithfield, Pittsburgh, Pa.
Detroit Rubber Stamp Co., 90 Griswold, Detroit, Mich.
Dickey-Grabler Wks, 118 Noble Court, Cleveland, O.
Evans & Convery, 24 N 6th, Phila., Pa.
Everett A. & Son, Auburn, N. Y.
Evers Henry A. Co., 45 Eddy, Providence, R. I.
Gibson A. C. Co. Buffalo, N. Y.
Gowanda Agricultural Works ("Cutler's"), Gowanda, N. Y.
Hanson C. H. Co., 178 N Clark, Chicago, Ill.
Haynes & Co., 75 Westminster, Providence, R. I.
Johnson D. E. Co. (Fine), 140 William, New York
Kasper Stamp & Seal Co., 821 Locust, St. Louis, Mo.
Keene Fred H. (Hand Cut), 149 Church, New York
Kersting J. H., 75 Fulton, New York
Knight H. W. & Son (Name Stamp, etc), Seneca, Falls, N. Y.
MATTHEWS JAS. H. & CO., 3942 Forbes, Pittsburgh, Pa.
Mayer Geo. J. & Co., 36 S. Meridian, Indianapolis, Ind.
Meyer & Wenthe, 108 N Dearborn, Chicago
Moise-Klinkner Co., 369 Market, San Francisco, Cal.
Mulhaupt F. Jos. Lafayette, Ind.
Murdock, W. Jas. Co., 116 Opera pl, Cincinnati, O.
Ness Geo. M. Jr., 61 Fulton, New York
Niagara Falls Metal Stamping Works (Letters & Figures), Niagara Falls, N. Y.

STAMPS (STEEL)—continued

Noble & Westerbrook Mfg. Co., Hartford, Conn. *See adv index at end of book*

STEEL STAMPS
OF THE FINEST QUALITY-BY EXPERT ENGRAVERS
NOBLE & WESTERBROOK MFG. CO.
HARTFORD, CONN.

Northwestern Stamp Works, 110 E 3d, St. Paul, Minn.
Pannier Bros. Stamp Co. (Hand Made), 207 Sandusky, Pittsburgh, Pa.
Pittsburgh Steel Stamp Co., 318 Penn av, Pittsburgh, Pa.
Quality Die Co., 1430 E 64th, Chicago, Ill.
Reese S. W. & Co., 44 Vesey New York
Robbins John Mfg. Co., 58 Kneeland, Boston, Mass.
Ronfeldt Chas. J. 61 Beekman New York
S. & I. Co., Springfield, Mass.
Sackman Mfg. Co., Akron, O.
Salt Lake Stamp Co., Salt Lake City, Utah
Schoder & Lombard Stamp & Die Co., 202 Centre, New York
Schweizer C. K., 214 Vine, St. Louis, Mo.

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Smith R. H. Mfg. Co., Springfield, Mass.
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass
Spokane Stamp Works, Spokane, Wash.
Stewart R. A. & Co., 201 B'way, New York
Utermohle G. A. & Co., 133 Cheapside, Baltimore, Md.
Western Stamp & Stencil Co., Omaha, Nebr.
Wright Greg. G. & Son, 119 Opera pl, Cincinnati, O.

14134— Stamps (Steel Log)

Adams S. G. Stamp & Seal Co., 412 N 6th, St. Louis, Mo.
Gibson A. C. Co., Buffalo, N. Y.
Hanson C. H. Co., 178 N Clark, Chicago, Ill.
Matthews Jas. H. & Co., 3942 Forbes, Pittsburgh, Pa.
Mayer Geo. J. & Co., 36 S Meridian, Indianapolis, Ind.
Northwestern Stamp Works, 110 E 3d, St. Paul, Minn.
Ransome-Leach Co., 115 B'way, New York
Sackmann F. A., 810 Prospect, S E, Cleveland, O.
Schwerdtle Stamp Co., 43 Cannon, Bridgeport, Conn. *See adv index at end of book*
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.

14135— Stamps (Time)

AUTOMATIC TIME STAMP CO. ("Automatic"), 160 Congress, Boston, Mass.
Baird Equip. Co., 319 W Ohio, Chicago, Ill.
Commercial Utilities Mfg. Co., 521 W 26th, New York
Ellis Time Stamp Co., 229 W Illinois, Chicago, Ill.
Follett Time Recording Co., 9 W B'way, 27 Thames, New York
Hoggson S. H. & Co. ("Hoggson" Pocket), 17 Thomas, New York
International Time Recording Co. of N. Y. ("Standard" Automatic), Endicott, N. Y.
Joslin A. D. Mfg. Co. ("Joslin," "Cosmo"), 223 W Erie, Chicago, Ill.
Kastens Henry (Time Dating), 418 W 27th, New York
Magneta Co. (Elec.), 37 E 28th, New York
Smith R. H. Mfg. Co. (Air Cushion), Springfield, Mass.
Sohm Electric Co. ("Sohm System" for Recording Receipt & Delivery of Goods, etc), 141 W Austin av, Chicago, Ill.
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.
Stromberg Electric Co., 606 S Michigan av, Chicago, Ill.
Yaxley Mfg. Co. ("Monarch"), 1101 W Monroe, Chicago, Ill.

Stamps & Dies (Sheet Metal)

See Dies, Stamping

14136—Stamps & Dies (Steel)

Adriance Machine Works, 80 Richards, Brooklyn, N. Y.
American Sheet Metal Stamping Corp., Lehigh av & Mutter, Phila., Pa.
Atlas Crucible Steel Co., Dunkirk, N. Y. *See adv index at end of book*
Cleveland Steel Stamp Works, Cleveland, Ohio
GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis. *See adv index at end of book*
Gibson A. C. Co., Buffalo, N. Y.
Grammes L. F. & Sons, Allentown, Pa. *See adv index at end of book*
Hoggson & Pettit Mfg. Co., New Haven, Conn.
MATTHEWS JAS. H. & CO., 3942 Forbes, Pittsburgh, Pa.
Perkins Machine Co., Warren, Mass.
Richard Mfg. Co., Bloomsburg, Pa.
Schoder & Lombard Stamp & Die Co., 202 Centre, New York
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.
Worcester Pressed Steel Co., Worcester, Mass.

14137— Stanchions (Cattle)

Acme Harvesting Machine Co. ("Acme"), Peoria, Ill.
Automatic Carrier Co. ("A. C. Co."), Juneau, Wis.
Boyle Jas. ("Taylor" Steel), Salem, O.
Bryan Mfg. Co. ("Champion"), P. O. Box D, Bryan, O.
Crumb W. B. ("Warriner" Chain Hanging), Forestville, Conn.
Drew Carrier Co., Waterloo, Wis.
Gehl Bros. Mfg. Co. ("Badger" Steel), West Bend, Wis.
Harris Mfg. Co., Salem, O.
Hunt, Helm, Ferris & Co. ("Star" Swing), Harvard, Ill.
James Mfg. Co., Fort Atkinson, Wis.
Kalamazoo Tank & Silo Co., Kalamazoo, Mich.
Libby C. A. Co., Oshkosh, Wis.
Louden Machinery Co. ("Cow Comfort"), Fairfield, Ia.
Milwaukee Hay Tool Co. ("Milwaukee"), Layton Park, Milwaukee, Wis.
Mitchell Mfg. Co., Milwaukee, Wis.
Mullins Mfg. Co., Brillion, Wis.
Olson Mfg. Co. ("Common Sense"), Albert Lea, Minn.
Porter J. E. Co., Ottawa, Ill.
Quick & Thomas Co. ("Q & T"), Auburn, N. Y.
Rassmann F. Mfg. Co. ("Simplex"), Beaver Dam, Wis.
Ricker Mfg. Co. ("Rochester" Wood Lined Steel), Rochester, N. Y.
Strickler Hay Tool Co., Janesville, Wis.
Swift Stanley C. Mfg. Co. ("Perfection"), Cuba, N. Y.
Wasson Stanchion Co., Cuba, N. Y.
West Bend Barn Equipment Co., West Bend, Wis.
Wilder-Strong Implement Co., Monroe, Mich.
Wisconsin Foundry & Machine Co., Madison, Wis.
Wisconsin Stable Equipment Co., Oconomowoc, Wis.

14138— Stand Pipe Gauge

Borgardus-Nelson Co., Marshalltown, Ia.

14139— Stand Pipes

American Bridge Co., 30 Church, New York
Baltimore Cooperage Co. (Wood), Hanover & Creek, Baltimore, Md.
Casey-Hedges Co., Chattanooga, Tenn.
Chattanooga Boiler & Tank Co., Chattanooga, Tenn.
CHICAGO BRIDGE & IRON WORKS, (Steel), 1319 W 105th, Chicago, Ill. *For branch offices see adv index at end of book*
Coatesville Boiler Works, Coatesville, Pa.
Cole R. D. Mfg. Co., Newnan, Ga.
Columbiana Boiler Co., Columbiana, O.
Connery & Co., 2d & Luzerne, Phila., Pa. Works: Bridgeton, N. J.
Conran Standpipe Co., 305 Pearl, New York
DOVER BOILER WORKS, Sales Office, 50 Church, New York *See adv index at end of book*
Drake-Williams Mount Co., Omaha, Neb.
Fairbanks, Morse & Co. (Railroad, "Sheffield"), 900 S Wabash av, Chicago, Ill.
Freeman Mfg. Co., Dept. O, Racine, Wis.
Graver Wm. Tank Works, East Chicago, Ind.
Hammond Iron Works, Warren, Pa. *See adv index at end of book*
HANKE IRON & WIRE WORKS (With Ice-Proof Steps & Balconies), 800 N Albany av, Chicago, Ill. *See adv index at end of book*
Hartley Boiler Works, Montgomery, Ala.
Hodge Boiler Works, 99 Sumner, East Boston, Mass.
Ironton Punch & Shear Co., Ironton, O.
Knox, Blaw Co., Farmers' Bank bldg, Pittsburgh, Pa.
Knox Pressed & Welded Steel Co., Pittsburgh, Pa.
Koven L. O. & Bro, 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Leslie Elliott & Co., Paterson, N. J.
Logan Iron Works, 54 Commercial, Brooklyn, N. Y.
Lombard Iron Works & Supply Co., Augusta, Ga.
Lookout Boiler Mfg. Co., Chattanooga, Tenn.
McAleenan Bros. Co., 25th & A. V. R. R., Pittsburgh, Pa.
McNeil Boiler Co., 96 Crozier, Akron, O.
McNeil James & Bro. Co., Pittsburgh, Pa.
Manitowoc Engineering Works Manitowoc, Wis.
Meehan Boiler & Construction Co., Lowellville, O.
Meyers Fred. J. Mfg. Co., Hamilton, O. *See adv index at end of book*
Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.
Munroe R. & Sons Mfg. Corporation, 23d & Smallman, Pittsburgh, Pa.
Muskegon Boiler Works, Muskegon, Mich.
Nashville Bridge Co., Nashville, Tenn.
New England Iron Works Co., Summer, Boston, Mass.
Petroleum Iron Works Co., Sharon, Pa.
Petty J. K. & Co. (Lebanon Boiler Works), Lebanon, Pa.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa. *See adv index at end of book*
Pittsburgh Valve Fdry & Construction Co. ("Gulland"), 26th & A. V. R. R., Pittsburgh, Pa.
Portland Co., Portland, Me.
Quaker City Iron Works, Tioga & Richmond, Phila., Pa.
Reeves Bros. Co., Alliance, O.
Riter-Conley Co., Pittsburgh, Pa.
Rock Island Bridge & Iron Works, Rock Island, Ill.
Rodgers Boiler & Burner Co., Muskegon, Mich.
Schaefer Mfg. Co., Birmingham, Ala.
Schofield's J. S. Sons Co., Macon, Ga.
Schreiber L. & Sons Co., 3869 Ivanhoe, Cincinnati, O.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill. *See adv index at end of book*
Sotter Bros., Pottstown, Pa.
Struthers-Wells Co., Warren, Pa. *See adv index at end of book*
Tippett & Wood, Phillipsburg, N. J.
Tofte Boiler & Sheet Iron Works, Houston, Texas
Tomahawk Steel & Iron Works, Tomahawk, Wis.
Topeka Steam Boiler Works, Topeka, Kan.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Twin City Boiler Works, Bristol, Va.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Virginia Bridge & Iron Co., Roanoke, Va.
WALSH & WELDNER BOILER CO. (Steel), Chattanooga, Tenn. *See adv index at end of book*

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FERRULES, CUPS, AND SPECIAL WORK OF ALL KINDS
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Warren City Tank & Boiler Co., Warren, Ohio
Wickes Boiler Co., Saginaw, Mich.
Wilson Steam Boiler Co., Omaha, Neb.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

14140—Stand Pipes (Locomotive)

Sheffield Car Co., Three Rivers, Mich.

14140a—Stand Pipes (Reinforced Concrete)

Heine Chimney Company (The), 123 W Madison, Chicago, Ill.

14141—Stands (Adding Machine & Typewriter)

Adjustable Table Co. (Adjustable), Grand Rapids, Mich.
Fowler-Manson-Sherman Cycle Mfg. Co. ("Ideal" Tubular), 1447 Austin av, Chicago, Ill.
Standard Cabinet Mfg. Co. (Swinging, also Tables), Peru, Ind.
Taylor, Stiles & Co., Riegelsville, N. J.
Toledo Metal Furniture Co. ("Uhl" Steel), Toledo, O.
Welty Wm. A. (Revolving), Waterloo, Ia.

14142—Stands (Annealing Box)

Columbiana Boiler Co., Columbiana, O.
Pittsburgh Annealing Box Co., 829 Beaver, Pittsburgh, Pa.

14143—Stands (Armature Winding)

Columbia Machine Works & Malleable Iron Co. ("Columbia"), Atlantic av & Chestnut, Brooklyn, N. Y.
Ridlon Frank Co., 251A, Boston, Mass.

14144-5—Stands (Automatic Ground Throw)

Easton Car & Construction Co., 15 Center square, Easton, Pa.
See adv index at end of book
Morden Frog & Crossing Works (For Railroads), 208 S La Salle, Chicago, Ill.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.

14146-7— Stands (Bicycle)

Burgess Machine Co., New Haven, Conn.
MYERS F. E. & BRO. ("Myers"), 800 Orange, Ashland, O.
See adv index at end of book
New York Nickel Plating & Mfg. Co. ("Esmond"), 327 E 63d, New York
Plocher Andrew Sons Co., Dayton, O.

14148-9— Stands (Calendar)

Kimpton Ed. Co., 60 John, New York
Wrightsville Hardware Co., Wrightsville, Pa.

14150— Stands (Display)

Acme Woodworking Co., 562 W 34th, New York
Berger Specialty Mfg. Co. (Lavatory, Closet, etc), Richmond, Va.
Eclipse Mfg. Co., Wellston, O.
Gemco Mfg Co. (Tire), Milwaukee, Wis.
Haeusermann Metal Mfg. Co., 3114 3d av, New York
Metal Barrel Co. (Vegetable), Galesburg, Ill.
Nelke L. D.—Signs—New York, Inc., 23 E 26th, New York
See adv index at end of book
Newman Mfg. Co. (Metal), 717 Sycamore, Cincinnati, O., & 68 W Washington, Chicago, Ill. *See adv index at end of book*
Norwich Wire Works, Norwich, N. Y.
Pearce Co., Frederick, 20 Rose, New York
Trimble F. H. Co., 216 W 3d, Los Angeles, Cal.
Yesbera Mfg. Co., Toledo, O.

14151— *Stands (Indicator)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

Stands (Ironing)

See Tables, Ironing

14152—*Stands (Micrometer)

STARRET L. S. CO. (THE), Athol, Mass.
See adv index at end of book

14153—Stands (Mule Pulley)

Bond Foundry & Machine Co., Manheim, Pa.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Hunter Jas. Machine Co. North Adams, Mass.
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
Poole Engineering & Machine Co., Woodberry sta, Baltimore, Md.
Webster Mfg. Co., Tiffin, O.
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co., Chambersburg, Pa.

14154— Stands (Music)

Cushman H. T. Mfg. Co., North Bennington, Vt.
Metal Stamping Corp. (Also Horn Stands), Streator, Ill.

14155— Stands (Pipe Vise)

Strand Heater & Mfg. Co. ("Smiths" Folding), 7804 Wade pk, Cleveland, O.
Williams J. H. & Co. ("Vulcan" Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

14156— Stands (Price Card)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Timberlake J. B. & Sons (Wire), Jackson, Mich.

14156a— *Stands (Pump)

MYERS F. E. & BRO. ("Myers," "Ashland," "Defiance," & "Faultless" Cog Gear), 800 Orange, Ashland, O.
See adv index at end of book

14157-8— Stands (Sad Iron)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Fanner Mfg. Co. ("Arctic"), Cleveland, Ohio
Gray Iron Foundry Co., Reading, Pa.
Grey Iron Casting Co., Mt. Joy, Pa.
Hamblin & Russell Mfg. Co. (Wire), Worcester, Mass.
Loetscher-Ryan Mfg. Co., Dubuque, Ia.
Parker Wire Goods Co. (Wire), Worcester, Mass.
Reading Saddle & Mfg. Co. ("Reading"), Reading, Pa.
Sager Lock Co., No. Chicago, Ill.
Stover Mfg. Co., Freeport, Ill.

U. S. Lock & Hardware Co., Columbia, Pa.
Woods Sherwood Co. (Wire), Worcester, Mass.
Wrightville Hardware Co., Wrightville Pa.
Youngstown Pressed Steel Co., Youngstown, Pa.

14159— Stands (Toilet)

Bernstein Mfg. Co., 3d & Westmoreland, Phila., Pa.
National Enameling & Stamping Co., 411 5th av, New York

Stands (Typewriter)

See Stands, Adding Machine & Typewriter

14160— Stands (Umbrella)

Baker J. R. & Sons Co., Kendallville, Ind.
Benedict Mfg. Co. (Hammered Copper Jars), East Syracuse, N. Y.
Central Stamping Co. (Cylinder), 174 Fulton, New York
Clark W. J. Co., Salem, O.
Derby Desk Co. (Wood), Somerville, Mass.
Detroit Rack Co., 123 Monroe av, Detroit, Mich.
Farber S. W. (Brass & Copper), 147 S 5th, Brooklyn, N. Y.
Ideal Desk Co., Auburn, Me.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
National Enameling & Stamping Co., 411 5th av, New York
Ray Geo. A. Mfg. Co. (Old Brass Finish, etc), Buffalo, N. Y.

14161—Stands (Water Cooler)

Andrews A. H. Co. (Metal), 115 S Wabash av, Chicago, Ill.
Central Stamping Co. ("Puritan"), 172 Fulton, New York
National Enameling & Stamping Co., 411 5th av, New York
Superior Sheet Metal Works, 3201 Roosevelt av, Indianapolis, Ind.

14162—Stands (Wrench Display)

Mossberg Frank Co. ("Mossberg"), Attleboro, Mass.
Williams J. H. & Co. (Drop Forged Wrenches), 31 Richards, B'klyn, N. Y.
See adv index at end of book

14163— Staple Mfrs.

AMERICAN STEEL & WIRE CO. (Fence, Poultry Netting, etc), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Atlas Tack Co., Fairhaven, Mass.
Brewer Bros. Co. (Bar, Bolt, Bow, Latch Mirror or Plate & Round), 614 Filbert, Phila., Pa.
Cambria Steel Co. (Poultry Netting, Fence, etc.), Widener bldg, Phila., Pa.
Campbell Wire Specialty Works, South Bend, Ind.
Cleveland Tack Works, 1303 E 49th, Cleveland, O.
Clough, Rockwell Co. (Wire), Alton, N. H.
Cobb & Drew, Plymouth, Mass.
Colorado Fuel & Iron Co. (Wire), Denver, Colo.
Crawfordsville Wire & Nail Co. (Fence), Crawfordsville, Ind.
Grand Crossing Tack Co. (Wire), S Chicago av & E 79th, Chicago, Ill.
Gulf States Steel Co. (Wire Fence, Poultry Netting), Birmingham, Ala.
Hager C. & Sons Hinge Mfg. Co. (Wrought Steel Japanned Open & Closed Bar & Wagon Bow), St. Louis, Mo.
Holland Mfg. Co. (Steel Spring, Barbed Blind, Hoop & Light Clamp, Poultry Netting, Butter Tub or Clamp, Basket Handle Speaking Tube & Pope, etc), Central av & Bank, Baltimore, Md.
Sanders, Frary & Clark (Wrought), New Britain, Conn.
Igoe Bros. (Fence & Poultry Netting), 69 Metropolitan av, Brooklyn, New York
Interstate Iron & Steel Co., 1st Nat'l Bank bldg, Chicago, Ill.
Kelly Nail & Iron Co. (Wire), Ironton, O.
Kokomo Steel & Wire Co. (Fence, etc), Kokomo, Ind.
Lawrence Bros. (Hasp), Sterling, Ill.
McKinney Mfg. Co. (Wrought), N S, Pittsburgh, Pa.
Milwaukee Tack Co. (Hoop, Clamp, Poul-Cloth, etc), 27th & Wahl av, Milwaukee, Wis.
Morgan Spring Co. (Wire), Worcester, Mass. *See adv index at end of book*
National Mfg. Co. ("Natwire" Wire), Worcester, Mass.
National Mfg. Co. (Wrought Steel Hasp, etc), Sterling, Ill.
Norton Iron Works (Polished & Galvanized Wire), Ashland, Ky.
Oliver Iron & Steel Co. (Hame), S 10th & Muriel, Pittsburgh, Pa.
Parker Wire Goods Co. (Wire), Worcester, Mass.
Pickering Ridgway S. (Hoop Staples), Sharon Hill, Pa.
Pittsburgh Steel Co. (Wire Fence & Poultry Netting), 5th av & Grant, Pittsburgh, Pa.
Plymouth Mills, Plymouth, Mass.
Pratt Wm. E. Mfg. Co. (Barbed, Blind, Netting, Red Spring), 35 W Lake, Chicago, Ill.

STAPLE MANUFACTURERS—continued

Sargent & Co., New Haven, Conn.
Standard Rivet Co. (For Box Loops, Harness, Fly Nets, Shoes, etc), 41 Lincoln, Boston, Mass.
Stanley George W. Co. (Barbed, Blind & Hoops), Belleville, Ill.
STANLEY WORKS (Wrought), New Britain, Conn.
See adv index at end of book
Superior Tack & Nail Co. (Coppered Basket Handle Hoop, Galvanized Poultry Netting, etc), Derby, Conn.
Titchener E. H. & Co. (Blind, etc), Binghamton, N. Y.
Tower Mfg. Co. (Wire Clamp Electricians, Broom, Hoop, Harness, etc), Elm & Commerce, Cincinnati, O.
Townsend G. G. (Barrel & Keg Hoop), Winchendon, Mass.
U. S. Hame Co. (Harness or Hame), Buffalo, N. Y.
Wickwire Bros. (Wire), Cortland, N. Y.
Wilcox, Crittenden & Co. (Wrought Iron), Middletown, Conn.
Williamsport Staple Co., Williamsport, Pa.
Wire Goods Co. (Wrought Steel, Steel Wire, Tinned & Galvanized), Worcester, Mass.
WRIGHT WIRE CO. (Wire of all Kinds), Worcester, Mass.
See adv index at end of book
Youngstown Sheet & Tube Co. (Wire, Bright Fence, etc), Youngstown, O.

14164— Staples (Bar)

Wagner Mfg. Co. ("Wagner"), Cedar Falls, Ia.

14165—Staples (Bottle Wrapper)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Oshkosh Bottle Wrapper Co., Oshkosh, Wis.
Phila. Excelsior Co., 716 N. 3d, Phila., Pa. N. Y.

14166— Staples (Evener)

American Logging Tool Co., Evart, Mich.

14167— Staples (Fence)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Atlas Tack Co., Fairhaven, Mass.
Belfont Iron Works Co. (Galvanized & Polished), Ironton, Ohio
Cambria Steel Co., Widener bldg, Phila., Pa.
Cobb & Drew, Plymouth, Mass.
Crawfordsville Wire & Nail Co., Crawfordsville, Ind.
Gulf States Steel Co., Birmingham, Ala.
Igoe Bros., 69 Metropolitan av, Brooklyn, N. Y.
Indiana Steel & Wire Co. (& Poultry Netting), Muncie, Ind.
Janesville Barb Wire Co., Janesville, Wis.
Jones & Laughlin Steel Co. (Wire Fence), Ross, Pittsburgh, Pa.
Keystone Steel & Wire Co. ("Keystone"), Peoria, Ill.
Kokomo Steel & Wire Co., Kokomo, Ind.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Morgan Steel & Wire Co., Kokomo, Ind.
Norton Iron Works, Ashland, Ky.
Parker Wire Goods Co., Worcester, Mass.
Pittsburgh Steel Co., 5th av & Grant, Pittsburgh, Pa.
Stanley Works, New Britain, Conn.
See adv index at end of book
Wickwire Bros., Cortland, N. Y.
WRIGHT WIRE CO., Worcester, Mass.
See adv index at end of book
Youngstown Sheet & Tube Co., Youngstown, O.

Staples (Hame)

See Clips, Hame

14168— Staples (Insulated)

Blake Signal & Mfg. Co. ("Blake"), 251 Causeway, Boston, Mass.
Commercial Electrical Supply Co., 15th & Pine, St. Louis, Mo.
Cross W. W. & Co., Brockton, Mass.
Elastic Tip Co. (Rubber Headed Nails), 370 Atlantic av, Boston, Mass.
Eureka Supply Co., Sewell, N. J.
Goldmark Jas. Co. ("Cross"), 81 Warren, New York
Marley Mfg. Co., 120 Boylston, Boston, Mass.
Stanley Geo. W. Co., Belleville, Ill.

14169— Staples (Nutted)

Clark Bros. Bolt Co., Milldale, Conn.
See adv index at end of book
Harvey Spring & Forging Co., Racine, Wis.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lamson & Session Co., 2188 Scranton rd, S. Y. Y., Cleveland, O.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Reno Mfg. Co., Erie, Pa.
Upson Nut Co., Cleveland, O.

14170— Staples (Pail & Bucket Handle)

Merritt F. M. ("Merritt" Needle Pointed), Penn Yan, N. Y.

14171—Staples (Poultry Netting)

American Steel & Wire Co., 208 So. La Salle, Chicago, Ill.
See adv index at end of book
Belfont Iron Works Co., Ironton, O.
Clinton Wire Cloth Co., Clinton, Mass.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Stanley Geo. W. Co., Belleville, Ill.
Youngstown Sheet & Tube Co., Youngstown, O.

14172— Staples (Stop)

National Sheet Metal Co., Peru, Ill.

14173— Staples (Wagon Box)

Burgess & Norton Mfg. Co., Geneva, Ill.
Harvey Spring & Forging Co. (Rivet & Clinch), Racine, Wis.
Youngstown Pressed Steel Co. (Bow), Youngstown, O.

14174— Starch Mfrs.

American Maize-Products Co. (Pearl), 135 William, New York
Arabol Mfg. Co. (Blenders), 100 William, New York
Arnold, Hoffman & Co. (Commercial), 55 Canal, Providence, R. I.
Aroostock Produce Co., Houlton, Me.
Aroostock Valley Starch Co., Fort Fairfield, Me.
Atlantic Starch Works, Westport, Conn.
Barker H. & Co., Chamber of Commerce, Boston, Mass.
Barnett Wm. & Sons, 730 S Broad, Phila., Pa.
Bloede Victor G. Co., Caton av, Baltimore, Md.
Boley C. H. Co. ("Aamcolose"), 3722 N Randolph, Phila., Pa.
Cambridge Starch Co., Cambridge, Minn.
Celluloid Starch Co., 43 W 36th, New York
Corn Products Refining Co. ("Globe," "C. P. Special" "Erckenbrechers," "Triangle," "Modified Eureka," "Complete," "Flexible" & "Argo" Laundry), 17 Battery pl, New York
Crystal Springs Paste Co., 70 Kilby, Boston, Mass.
Defiance Starch Co. (Cold Water), Omaha, Neb.
Douglas Co., Cedar Rapids, Ia.
Eddy & Eddy (Corn), Main & Market, St. Louis, Mo.
Electric Lustre Starch Co., 26 Central, Boston, Mass.
Faultless Starch Co., 1025 W 8th, Kansas City, Mo.
Ford J. B. Co., Wyandotte, Mich.
Frost & Cundill, Inc. (Imp for Textile Trade), 60 Wall, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia.
Hayward G. B., Ashland, Me.
Hubinger J. C. Bros. Co. (Elastic), New Haven, Conn.
Huron Milling Co., Harbor Beach, Mich.
Industrial Starch Co., 185 Devonshire, Boston, Mass.
Keever Starch Co., Chamber of Commerce bldg, Columbus, O.
Kohnstamm H. & Co., 87 Park pl, New York
Lewis John D. (Potato), 8 Exchange pl, Providence, R. I.
Leyland Thos. & Co. (Imported Soluble Starch, etc), Readville, Boston, Mass.
Ludwig L. O., Cary, Me.
Lundy John, Fort Fairfield, Me.
Martin Jos. & Sons, Van Buren, Me.
Minnesota Potato Starch Co., Anoka, Minn.
Monroe County Chemical Co. (Corn), Fairport, N. Y.
Moseley-Horne Co., Keokuk, Ia.
National Gum & Mica Co., 59th & 11th av, New York
National Starch Co., 17 Battery pl, New York
Noyes Chas. E., Limestone, Me.
Phair Chas. F. A., Presque Isle, Me.
Piel Bros. Starch Co., Indianapolis, Ind.
Piper & Clark, Sherman Mills, Me.
Pritchard T. G. Co. (Corn), 108 Grant, Baltimore, Md.
Rees Wm. R., Mars Hill, Me.
Royal Chemical Co., Phoenix, R. I.
St. Agatha Starch Co., St. Agatha, Me.
Seccomb-Kehew-Bradley Co. (Potato), 24 Purchase, Boston, Mass.
Speare's Alden Sons Co. (Wheat & Corn), Cambridge, Mass.
Staley A. E. Mfg. Co. (Corn), Decatur, Ill.
STEIN, HALL & CO. (Corn, Wheat & Potato), 111 W Washington, Chicago, Ill.
Tanner Chas. S. Co., 250 S Water, Providence, R. I.
Trojan Powder Co. (Nitro Starch), 27 William, New York
Union Starch & Refining Co., Edinburg, Ind.
Watson John, Houlton, Me.
Waupaca Starch Co., Waupaca, Wis.

14175— Stars (Iron)

Barnett Oscar Foundry Co. (For Rumbling), Irvington, N. J.
Cleveland Osborn Mfg. Co. (Hard Iron for Rumbling), 5405 E Hamilton, Cleveland, O.
Cleveland Nickel Works (Hard), 1167 W 67th, Cleveland, O.
Fanner Mfg. Co. (Hard for Cleaning Castings), Brookside pk, Cleveland, O.
Flagg Stanley G. & Co. (For Tumbling), Morris bldg, Phila., Pa.
National Malleable Castings Co. (Hard), 7706 Plat av, S. E., Cleveland, O.
Ohio Malleable Iron Co. (Hard Iron Stars for Tumbling Mills), 961 N Fourth, Columbus, O.
Pratt Wm. E. Mfg. Co. (Hard), 35 W Lake, Chicago, Ill.
Sly W. W. Mfg. Co. (Ward), 4700 Train av, Cleveland, O.

14175a— *Stars (Milling)

Dopp J. W. & Co. (Dealers), 1420 Dime Bk bldg, Detroit, Mich.

14175b—Starter Coupling (Pengoscillators)

Splitdorf Electrical Co., 98 Warren, Newark, N. J.

14175c—Starters (Automobile)

A. B. C. Generator Co., 1107 S Hill, Los Angeles, Cal.
A. B. C. Starter Co., 33 Woodbridge, Detroit, Mich.
Adams & Westlake Co., 319 W Ontario, Chicago, Ill.
American Ever Ready Works of N. C. Co., Thompson av, L. I. City, N. Y.
Bosch Magneto Co., 223 W 46th, New York
Bijur Motor Ltg. Co., Hoboken, N. J.
Dayton Engineering Laboratories Co., Dayton, O.
Detroit Starter Co., 203 Monroe av, Detroit, Mich.
Disco Electric Starter Corp., Boyer bldg, Detroit, Mich.
Dyneto Elec. Co., Syracuse, N. Y.
Electric Auto-Lite Co., Toledo, O.
Fisher Electrical Works, Detroit, Mich.
Gray & Davis, Boston, Mass.
Heinze John O. Co., Springfield, O.

Henrichs Magneto & Elec. Co., Indianapolis, Ind.
Kemco Elec. Mfg. Co., Salem, O.
Leece-Neville Co., 5363 Hamilton av, Cleveland, O.
North East Electric Co., 348 Whitney, Rochester, N. Y.
Picard A. J. & Co., 9 W 61st, New York
Price Elec. Devices Corp., Waynesboro, Va.
Remy Elec. Co., Anderson, Ind.
Simms Magneto Co., East Orange, N. J.
Splitdorf Elec. Co., 98 Warren, Newark, N. J.
Vesta Accumulator Co., 2100 Indiana av, Chicago, Ill.
Wagner Electric Mfg. Co., 6400 Plymouth, St. Louis, Mo.
Ward Leonard Elec. Co., Bronxville, N. Y.
Wells R. C. Mfg. Co., Fond du Lac, Wis.
Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.
See adv index at end of book

14176—*Starters (Fire Pump)

CUTLER-HAMMER MFG. CO. (Electric), 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book

14177—Stationers' Rubber Sundries

American Hard Rubber Co. (Hard Rubber, 9 Mercer, New York
Davidson Rubber Co., Boston, Mass.
Davol Rubber Co., 69 Point, Providence, R. I.
Goodrich B. F. Co., Akron, O.
Hodgman Rubber Co., 8 W 40th, New York
Miller Rubber Co., Akron, O.
Parker, Stearns & Co., 286 Sheffield av, Brooklyn, N. Y.
Seamless Rubber Co., New Haven, Conn.
Tyer Rubber Co., Andover, Mass.

14178-9—Stationers' Specialties

See also Specific Article Required

Am. Papeterie Co., Albany, N. Y.
Adams Mfg. Co. (Blotter Baths), 2230 Market, Phila., Pa.
Arlington Works The (E. I. du Pont de Nemours & Co.), 21 E 40th, New York
Boorum & Pease Co. (Desk Pads), 109 Leonard, New York
Chicago Mirror & Art Glass Co. ("Chicago" Glass Desk Pad), 216 N Clinton, Chicago, Ill.
Cushman & Denison Mfg. Co. ("Capitol" Ink Stands & Other Specialties), 240 W 23d, New York
Detroit Coin Wrapper Co., Detroit, Mich.
Erie Metal Products Co., Erie, Pa.
Farnham Printing & Stationery Co. (Desk Ticklers & Other Specialties), 806 Lumber Exchange, Minneapolis, Minn.
Foley John F. (Pencil Tips), Attleboro, Mass.
Fox Geo. E. Co. (Glass Desk Pads & Blotter, Pads), 35 W Kinzie, Chicago, Ill.
General Eclipse Co. ("Eclipse" Pneumatic Ink Wells), Danielson, Conn.
Globe-Wernicke Co., 25 Carthage av, Cincinnati, O.
Grammes L. F. & Sons (Paper Clips, Clamps, Pencil Holders, Brass Fasteners, Board Clips, etc), Allentown, Pa.
See adv index at end of book
Ideal Specialties Mfg. Corp. ("Calenders," "Up-to-Date"), 436 E 9th, New York
Kimpton Edw. Co., 60 John, New York
Modern Mfg. Co. (Book Corner Protectors), 543 N Lawrence, Phila., Pa.
Polar Mfg. Co. 101 No Marshall, Phila, Pa.
Ravenswood Office Specialties Co. ("Rossco" Glass Desk Pad), 1800 Newport av, Chicago, Ill.
Roovers Bros. (Address & Seal Embossers, Hand & Desk), 100 Schermerhorn, Brooklyn, N. Y.
See adv index at end of book
Sainberg L. (Desk Pads), 65 W Houston, New York
Schmidman's Theo. Sons Co., Manitowoc, Wis.
Sengbusch Self-Closing Inkstand Co., Stroh bldg, Milwaukee, Wis.
Traut & Hine Mfg. Co. (Metal), New Britain, Conn.
Technical Supply Co. (Ink Blotters), Scranton, Pa.
Van Valkenburg L. D. (Pencil Clips), Holyoke, Mass.
Yale Novelty Co. (French Ivory Desk Sets), Leominster, Mass.

14180—Statuary (Plaster)

Florentine Alabaster Cement Art Works, 353 N State, Chicago, Ill.
Florentine Art Plaster Co., 2208 Chestnut, Phila., Pa.

14180a—*Statuary Work

GORHAM CO. ARCHITECTURAL BRONZE, 5th av & 36th, New York
See adv index at end of book

14181—Statuary & Monuments (White Bronze)

Monumental Bronze Co., Bridgeport, Conn.

14181a—Staybolts

See Also Bolts, Stay

Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book

14182—Stays (Door)

Lane Bros. Co., Poughkeepsie, N. Y.
Reading Hardware Co. (Barn Door), Reading, Pa.
Richards-Wilcox Mfg. Co. ("Richards" Non-Sag), Aurora, Ill.

14183—Stays (Fence)

Carbo Corp., 538 S Clark, Chicago, Ill.
Chicago Steel Post Co., 208 S La Salle, Chicago, Ill.
Cyclone Fence Co., Waukgon, Ill.
Worth Wire Works ("Cinch"), Kokomo, Ind.
WRIGHT WIRE CO., Worcester, Mass.
See adv index at end of book

14184—Stays (Stair Rail)

Brewer Bros. Co. (Wrought, Screw, Drive or on Plate), 614 Filbert, Phila, Pa.

14185—Stays (Transom)

Corbin P. & F., New Britain, Conn.
Yale & Towne Mfg. Co., 9 E 40th, New York

14186-7—*Steam Boiler (Electric)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

14188—Steam Feeds

ALLIS-CHALMERS MFG. CO. (Twin Engine & Direct Acting), Milwaukee, Wis. *See adv index at end of book*
Manistee Iron Works Co. (Twin Engine, for Saw Mill Carriage), Manistee, Mich.
Multnomah Iron Wks., 30th & Nicolas, Portland, Ore.

Steam Fitters

See Heating Contractors, Steam & Hot Water

Steam Fitters (High Pressure)

See Piping, High Pressure

14189—Steam Fitters' Supplies

See also Plumbers' Supplies
(For Manufacturers of Steam Specialties see Specific Article Required)

ALABAMA.

BIRMINGHAM—Crane Co. (of Chicago)
Joubert & Goslin Machine & Fdry. Co.
Moore-Handley Hardware Co.
Young & Vann Supply Co.
MOBILE—Cunningham Hardware Co.
MONTGOMERY—Lum Machinery & Supply Co.
TALLADEGA—Michael Supply & Roofing Co.

ARIZONA.

NOGALES—Roy & Titcomb
PHOENIX—Thayer Ezra W.

ARKANSAS.

FORT SMITH—Atkinson-Williams Hardware Co.
Speer Hardware Co.
LITTLE ROCK—Cox Thomas & Sons Machy, Co.
Crane Co. (of Chicago, Ill.), Est 1855.
Rose-Lyon Hardware Co.
PINE BLUFF—Fox Bros. Hardware Co.

CALIFORNIA.

BAKERSFIELD—Fairbanks, Morse & Co.
FRESNO—Kutner-Goldstein Co.
GRASS VALLEY—Grass Valley Hardware Co.
LOS ANGELES—Boynton H. R. Co., 839 S. Los Angeles
Baker Hamilton & Pacific Co., 7th & Townsend
Busch A. H. Co., 150 N Los Angeles
Crane Co., 321 E 2d
Harper & Reynolds Co., 152 N Main
Holbrook, Merrill & Stetson, 200 S Central av
Pacific Hardware & Steel Co., 923 E 3d
Smith-Booth-Usher Co.
Union Hardware & Metal Co., 401 E 1st
Warren & Bailey Mfg. Co., 359 N Main
OAKLAND—Crane Co. (of Chicago)
SACRAMENTO—Sacramento Pipe Wks.
SAN DIEGO—Western Metal Supply Co.
SAN FRANCISCO—Baker & Hamilton, 4th & Brannan
California Hydraulic Engineering & Supply Co., 70 Fremont
Crane Co., 2d & Brannon
Dalziel-Moller Co., 556 Mission
Dunham, Carrigan & Hayden Co., Kansas & Division
Garrett W. T. & Co., 299 Fremont
General Mach. & Sup. Co., 39 Stevenson
Gilchrist W. Erwin, 681 Market
Holbrook, Merrill & Stetson, 6th & Bluxome
Marwedel C. W, 76 First
MOORE CHAS. C. & CO., Sheldon bldg
Tay Geo. H. Co., 599 Mission
Wagner Jos. Mfg. Co., 165 Beale
Woodin & Little, 33 Fremont
SAN JOSE—Stock Jno. Sons
STOCKTON—Austin Bros.

COLORADO.

CRIPPLE CREEK—Cripple Creek Mine & Supply Co.
DENVER—Garrett-Elliott Hdw. & Heating Co.
Hendrie & Bolthoff Mfg. & Supply Co.,
Mine & Smelter Supply Co.
O'Fallon M. J. Supply Co.

CONNECTICUT.

BRIDGEPORT—Mills L. H. Co.
Curtis & Curtis Co.
DANBURY—Danbury Hardware Co.
Hull, F. A. & Son
DERBY—Hallock F. Co.
HARTFORD—Bidwell J. & Co.
Hartford Mill Supply Co.
Plimpton & Hills Corporation
MERIDEN—Cashen John J. & Son
MIDDLETOWN—Hale & Kelsey Mills Lyman D. Co.
NAUGATUCK—Page Jno. M. Co.
NEW HAVEN—Foskett & Bishop Co.
Mersick C. S. & Co.
Peck Bros. & Co.
NEW LONDON—Darrow & Comstock Co.
NORWALK—Jones & Hotchkiss Co.
NORWICH—Barstow J. P. & Co.
Norwich Plbg. Supply House
PUTNAM—Putnam Foundry & Machine Co.
TORRINGTON—Agard Hardware Co.
WATERBURY—Barlow Bros. Co.
Daly Bros. Sup. & Engineering Co.
Daly M. J. & Sons

DELAWARE.

WILMINGTON—Delaware Electric & Supply Co., 213 Shipley
Speakman Supply & Pipe Co.

DISTRICT OF COLUMBIA.

WASHINGTON—Cunningham Plumbing Supply Co., 1234 Penna av, N W
Latterner Arthur, 602 Penna av, N W
Mitchell John Jr., 1000 Penn av, N W
Schafer E. G. & Co., 218 13th N W
Somerville Thos. Co., 312 13th N W

FLORIDA.

JACKSONVILLE—Christopher Jno G. Co.
Florida Hardware Co.
Hubbard S. B. Co.
KEY WEST—Curry's, Wm. Sons Co.
OCALA—Masters H. B. Co.
ORLANDO—South Florida Fdry & Mach. Wks.

GEORGIA.

AMERICUS—Sheffield Co.
ATLANTA—Beck & Gregg Hardware Co.
Cotton States Belting & Supply Co.
Crane Co.
General Fire Extinguisher Co.
General Supply Co.
AUGUSTA—Lombard Iron Works & Supply Co.
COLUMBUS—Columbus Iron Works Co.
MACON—Schofield's J. S. Sons Co.
ROME—Battey Machinery Co.
SAVANNAH—Savannah Supply Co.
Weed J. D. & Co.
WAYCROSS—Harley P. N. Hardware Co.

HAWAIIAN ISLANDS

HONOLULU—Lynch Co.

IDAHO.

BOISE—Carlson-Lusk Hardware Co., Ltd.
Idaho Hardware & Plumbing Co., Ltd.

ILLINOIS.

BELLEVILLE—Karr Supply Co.
BLOOMINGTON—Keiser-Van Leer Co.
BUSHNELL—Bushnell Pump Co.
CAIRO—Woodward Hardware Co.
CHICAGO—Adkins Young & Allen Co., 561 Wash. bl
Advance Packing & Supply Co., 11-15 N Franklin
Allen W. D. Mfg. Co., 566 W Lake
Baker & Smith Co., 408 N Wells
Boiler & Radiator Sales Co., 126 W Kinzie
Cameron Schroth Co., 415 Rush
Carpenter Geo. B. & Co., 440 North Wells
Channon H. Co., 150 N Market
Chicago Engineer Supply Co., 68 W Lake
Clow Jas. B. & Sons, Franklin & Harrison
Cook & Chick Co., 18 E Kinzie
Crane Co. (Est 1855), 836 S Michigan av
For branch offices see Alphabetical Section
Crawford Co., 846 S Canal
Crerar, Adams & Co., 259 E Erie
Davies Supply Co., 412 W Ontario
Deschauer S. Co., 1345 Blue Island av
Douglass J. E., 180 N Dearborn
Enterprise Plumbing Supply Co., 26 W Kinzie
Federal-Huber Co., 234 N Halsted
Hardin-Lavin Co., 4543 Cottage Grove av
Hennebohle F., 8101 S Chicago av
Hemon & Hubbell, 219 N Jefferson
Hills-McCanna Co., 153 W Kinzie
Hodgart & Co. (Valves, Steam Traps, Separators, Roller Feeders, etc(, 122 S Michigan av
Illinois Malleable Iron Co., 1801 Diversey blvd. *See adv index at end of book*
Keckley O. C. Co. (Specialties), 318 W Washington
Kehm Bros. Co., 15 W Kinzie
Kellogg-Mackay Co., 403 W 18th
Kelly & Jones Co. (of Pittsburgh, Pa.), 155 N Clark
Kroeschell Bros. Co., 440 W Erie
Limbert Geo. B. & Co., 558 Fulton
McMaster-Carr Supply Co., 174 N Market
Manning, Maxwell & Moore, 27 N Jefferson
Mott J. L. Iron Works, 104 S Michigan av
National Plumbing & Heating Supply Co., 6044 S State
Norman C. Erwin & Co., 18 W Kinzie
Pittsburgh Piping & Equipment Co., 122 S Michigan av
Rollins Supply Co., 17 W Kinzie
Scott Valve Co., 310 W Randolph
Seehausen, Wehrs & Co. (Engineers' Supplies), 173 N Franklin
Skinner M. B. Co., 562 W Washington
Sorge A. Jr. & Co., Monadnock bldg
Steamfitters Supply Co., 10 W Ill.
Verbeek Harry, 175 W Jackson blvd
Walsh W. J. & Co., 163 W Illinois
Weir & Craig Mfg. Co., 2421 Wallace
Western Kieley Steam Specialty Co., 116 W Ill.
Western Plumbing Supply Co., 3228 Fillmore
Western Valve Co., 188 N Market
Whitney & Ford, 4325 Cottage Grove av
DECATUR—Field & Shorb Co.
JOLIET—Barrett Hardware Co.
MOLINE—Moline Heating & Construction Co.
PEORIA—Kinsey & Mahler Co.
Nailon Bros. Co.
PERU—Brunner Foundry & Machine Co.
QUINCY—Best E. Plumbing, Heating & Supply Co.
ROCKFORD—America Heating & Supply Co.
Rockford Brass Works
ROCK ISLAND—Channon & Dufva
STREATOR—Metcalf Chas
Williams Hardware Co. (Wholesale)

INDIANA.

ANDERSON—May Supply Co.
BRAZIL—Crawford & McCrimmon Co.
EVANSVILLE—Evansville Supply Co.
FORT WAYNE—National Mill Supply Co.
GREENSBURG—Watson W. A.
INDIANAPOLIS—Central Rubber & Supply Co. 201 N West
Central Supply Co.
Van Camp Hardware & Iron Co.
LAFAYETTE—Biggs B. F. Pump Co.
MARION—Marion Hardware Co.
MICHIGAN CITY—Staiger Hardware Co.
MUNCIE—Keiser Geo. & Co.
NOBLESVILLE—Clark Supply House
RICHMOND—Jones Hardware Co. (Jobbers)
TERRE HAUTE—Crane Co. (of Chicago).
Freitag Weinhardt & Co.
Watson John C.
Watson's C. D. Co.
UNION CITY—Knapp Supply Co.

IOWA.

CEDAR RAPIDS—Chandler Pump Co.
Fawcett C. E.
Fenton J. H. & Co.
Kubias F. & Co.
Messner & Co.
DAVENPORT—Crane Co. (Of Chicago)
DES MOINES—Beckman Bros.
Crane Co. (Of Chicago)
Globe Machinery & Supply Co.
Kurtz L. H. Co.
DUBUQUE—Deckert W. D. Co.
Kretschmer Mfg. Co.
McDonald A. Y. Mfg. Co. (Jobbers)
Smedley Pump Co.
FORT DODGE—Leighton Supply Co.
KEOKUK—Sutton Wm. P.
MARSHALLTOWN—Dunham C. A. Co.
OSKALOOSA—Ideal Mfg. & Supply Co.
SIOUX CITY—Crane Co.
WATERLOO—Cutler Hardware Co.
Waterloo Mfg. Co.

KANSAS.

ATCHISON—Thayer Supply Co.
FORT SCOTT—Penniman A. C. & Son Hdw. Co.
LEAVENWORTH—Great Western Mfg. Co.
TOPEKA—Topeka Steam Boiler Works
WICHITA—Martin Metal Mfg. Co.

KENTUCKY.

ASHLAND—Ashland Foundry & Machine Works
LOUISVILLE—Ahrens & Ott Mfg. Co.
Cowan Andrew & Co.
Falls City Plbg. Sup. Co.
Laib Co.
Morton E. D. & Co.
Pyne Co.
Vogel P. A. & Sons
Waters-Garland Co.

LOUISIANA.

BATON ROUGE—Doherty Hardware Co. Ltd.
NEW ORLEANS—Ahrens & Ott Mfg. Co. 846 Baronne
Gibbens-Finney-Gordon Co., 213 Canal
Haubtman & Loeb Co (Ltd), 717 Magazine
Kittredge-Waters Supply Co, Ltd, 422 Common
Manion & Co., 618 Baronne
Murphy John H., 643 Magazine
Stauffer-Eshleman & Co., Ltd., 511 Canal
Woodward, Wight & Co., Ltd., Howard av & Constance
SHREVEPORT—Henderson W. K. Iron Wks & Supply Co.

MAINE.

BANGOR—Babb C. H. & Co.
Leighton Plumbing & Heating Co.
Union Iron Works
BIDDEFORD—Anthoine Geo. A.
DEXTER—Fay & Scott
FAIRFIELD—Donnelly D. B.
LEWISTON—Hall & Knight Hardware Co.
Stetson Jos. H. Co.
PORTLAND—Blake W. L. & Co.
Plummer C. M. & H. T.
Portland Stove Foundry Co.
Smith & Abbott Co.

MARYLAND.

BALTIMORE—Adt Jno. B. Co., 340 No Holliday
Baltimore Plbg. Supply Co., 3 N Central av
Carey Machinery & Supply Co., 119 E Lombard
Central Metal & Supply Co., 611 E Lombard
Crane Co. (Of Chicago), 624 W. Pratt
Crook-Horner Supply Co., 7 Balderson
Crook H. E. Co., Inc., 28 Light
Dominion Asbestos & Rubber Corp. (Leather, Rubber, Balata, Canvas, Asbestos), 418 East Pratt
See adv index at end of book
Kries Henry A. & Sons Co., 8 W. Lombard
Cuyler & Mohler, 611 William
Robertson Jas. Mfg. Co., 108 Hopkins pl
Southern Supply Co., Calvert & Sara
Spedden Supply Co., Boston & Kenwood av
Stebbins, Wallace & Sons, 100 S Charles
Wallace & Gale, 115 S Gay
Wood W. E. Co., 18 N Howard

MASSACHUSETTS.

ADAMS—Weston L. A.
BOSTON—Anderson Geo. P. & Co. (Kieley & Mueller's Specialties), 65 Oliver
Boston Engineers' Supply Co., 159 Pearl
Boston Pipe & Fittings Co., 273 Congress
Boston Steam Specialty Co., 332 A
Braman, Dow Co., 239 Causeway
Brown-Wales Co., 489 C st
Butler Edmund F. & Co., 80 Pearl
Crane Co. (Of Chicago), (Est 1855), 48 W First
Dalton-Ingersoll Mfg. Co., 52 Chauncey
Federal Steam & Gas Supply Co., 195 High
Gallison Wm. H. Co., 399 Atlantic av
Gilchrist Geo. E. Co., 106 High
Gurney Heater Mfg. Co. (Heating Apparatus, etc., Supplies), 188 Franklin
Hercules Iron & Supply Co., 473 Atlantic av
Houdlette Fred A. & Son (Wrought & Cast Iron Pipe), 93 Broad
Hubbard W. B. & Sons Co., 176 Oliver
Jarvis Engineering Co., 261 Franklin
Johnson-Washburn Co., 91 Haverhill,
Morse, Tenney & Co., 143 Pearl
Morton A. M. & Co., 25 Wash'n
Perrin, Seamans & Co., 57 Oliver
Perry J. P. & Co., 276 Devonshire
Ruggles Klingemann Mfg. Co., 10 High
Sherburne & Co. (Gauges, Valves & Railway Supplies, etc), 53 Oliver
Wacco Supply Co., 30 Marginal, E B
Walker & Pratt Mfg. Co., 31 Union
Walworth Mfg. Co., 798 1st S B
Webb F. W. Mfg. Co., 56 Elm

BROCKTON—Corcoran Supply Co.
CAMBRIDGE—Cambridge Plumbing Supply Co.
Corcoran Supply Co., 62 Albany
FALL RIVER—Fall River Steam & Gas Pipe Co. Corp.
Miller Nathan & Sons (Ltd)
FITCHBURG—Jennison Co. (Pipe Fittings)
GARDINER—Royal Steam Heater Co.
HAVERHILL—Mills & McClintock
HOLYOKE—Holyoke Valve & Hydrant Co.
Holyoke Supply Co.
LOWELL—Farrell & Conaton
Hobson & Lawler Co.
Middlesex Machine Co.
LYNN—Bourneuf Louis Corporation
Morgan Jno. F. & Son
Trefethen Frank L.
MIDDLEBORO—Pierce Thos. W. Hardware Co.
MILFORD—Ellis, Clark & Sons
NEW BEDFORD—New Bedford Boiler & Machine Co.
NORTH ATTLEBORO—Hall Wm. M. Co.
PITTSFIELD—Robbins, Gamwell & Co.
SPRINGFIELD—Crane Co. of Springfield
Foss W. J. Co.
New England Plumbing Supply Co.
Oliver & Howland Co.
WYCKOFF & LLOYD CO., 19-27 Worthington
TAUNTON—Dighton Foundry Co.
Trefethen D. A.
WORCESTER—Burlingame A. Co.
Callahan J. W. & Son
Central Supply Co.
Rockwood Sprinkler Co.
Washburn & Garfield Mfg. Co.

MICHIGAN.

BAY CITY—Alert Pipe & Supply Co.
Jennison Hardware Co.
Styninger Jno. A.
CALUMET—Carlton Hardware Co.
DETROIT—American Radiator Co., 124 Jefferson
Anchor Packing Co., 139 Congress
Anderson-Kenneth Co., 33 Atwater
Central Distributing Co., 316 Harper
Crane Co. (Of Chicago), Atwater & Randolph
Detroit Heating & Lighting Co., Leib & Wright
Detroit Lead Pipe Works, 61 2nd
Detroit Ship Building Co. (Brass Dept)
Edwards H. D. & Co., 18 Woodward av
Harvey's A. Son's Mfg. Co. (Ltd.), 22 1st
Kerr Machy. & Supply Co., Kerr bldg
Park & McKay, 55 Bagley av
Sales Murray W. & Co., 76 Jefferson av
Strelinger Chas. A. Co., 98 Bates
Taylor Supply Co., 164 Larned W
Walker Mfg. & Supply Co. Shelby & Woodbridge
GRAND RAPIDS—Barclay Ayers & Bertsch Co.
Ferguson Supply Co.
Leitelt Adolph Iron Works
Sproul & McGurrin Co.
LANSING—Michigan Supply Co.
MUSKEGON—Howden J. J. Co.
Towner Hardware Co.
SAGINAW—Alert Pipe & Supply Co.
Eureka Heating & Ventilating Co. (C. W. Light, Prop.)
Morley Bros.
Saginaw Hardware Co.
Wickes Bros. *See adv index at end of book*
SAULT SAINTE MARIE—Soo Hardware Co.

MINNESOTA.

DULUTH—Duluth Plumbing Supplies Co.
Northern Hardware Co.
Marshall-Wells Hardware Co.
MINNEAPOLIS—American Radiator Co., 229 S 5th
Central Supply Co., 312 S 3d
Crane Co. (of Chicago)
Gilmore D. M. Co., 515 S 3d
Kellogg-Mackay Co., 824 S 4th
National Mfg. & Supply Co., 256 3rd av S
ST. PAUL—Crane & Ordway Co., 5th & Rosabel
Robinson, Cary & Sands Co, 4th & Wacouta
Western Supply Co, Park square

MISSISSIPPI.

CORINTH—Adams W. T. Machine Co.
NATCHEZ—Feltus Bros.
Schwartz & Stewart
VICKSBURG—Hoffman Louis Hardware Co.
YAZOO CITY—Crane-Hamel Hardware Co

MISSOURI.

JOPLIN—Joplin Supply Co.
McNeal Machinery Co.
KANSAS CITY—Crane Co. (of Chicago)
Great Western Mfg. Co. (of Leavenworth, Kans.), 1221 Union av
Harbison Mfg. Co.
Kansas City Pump Co., 1314 W 10th
Reeves Supply Co., 1304 McGee
Southwest Plumbing Supply Co, 2030 Walnut
U. S. Water & Steam Supply Co.
Young W. B. Supply Co., 212 Delaware
ST. JOSEPH—Bristol Co.
Horigan Supply Co.
Howe W. B. Supply Co.
Missouri Water & Steam Supply Co.
ST. LOUIS—American Radiator Co. (of Chicago), 1427-29 Olive
Brockman J. R. Mfg. Co., 617 N 2nd
Cahill-Swift Mfg. Co., 20 S 12th
Crane Co. (of Chicago), Est. 1855
Handlan-Buck Mfg. Co., 210-14 N 3d
Johnson Wm. C. & Sons Machinery Co., 210 Washington av
Materne Mfg. Co., 18th & Gratiot
Nelson N. O. Mfg. Co., 10th & Chestnut
Rumsey L. M. Mfg. Co., 810 N 2nd
Street J. D. & Co., 809 N 2d
SPRINGFIELD—Cooper Harry Supply Co
Springfield Plumbing Co.
WEBB CITY—Franz Hardware Co.

MONTANA.

ANACONDA—Anaconda Copper Mining Co.
BUTTE—Anaconda Copper Mining Co.
Montana Hardware Co.
HELENA—Holter A. M. Hardware Co.
MISSOULA—Missoula Mercantile Co.

NEBRASKA.

BEATRICE—Dempster Mill Mfg. Co.
LINCOLN—Western Supply Co.
OMAHA—American Radiator Co.
Crane Co. (of Chicago)
Omaha Sanitary Supply Co.
U. S. Radiator Corp.

NEW HAMPSHIRE.

BERLIN—Berlin Mills Co.
CONCORD—Concord Pipe Co.
LANCASTER—Thompson Mfg. Co.
MANCHESTER—Pike & Heald Co.

NEW JERSEY.

BAYONNE—Bayonne Supply Co.
ELIZABETH—Elizabeth Hardware Co.
JERSEY CITY—Gibbons Ernest A. Co., 27 Montgomery
Jersey City Supply Co., 12 Mercer
Perkins Arthur L. Co., 144 12th
NEWARK—Banister & Pollard Co., 206 Market
Crane Co. (Of Chicago), 84 Mechanic
Crane & Milligan, 54 Mechanic
Egbert W. V. & Co., 35 Mechanic
Macknet & Doremus, 796 Broad
ROE & CONOVER, 206 Frelinghuysen av. *See adv index at end of book*
Simmons Pipe Bending Works, 40 Mechanic
NEW BRUNSWICK—Weigel Philip, Jr.
ORANGE—Linsdley John N.
PASSAIC—New Jersey Engineering & Supply Co.
PATERSON—Mills H. W. &. Co., 59 Washington
Myers Geo. A. & Co., 63 Washington
Quinn Bros.
Smith Abe
Van Winkle J. A. Co., 168 Main
TRENTON—Katzenbach F. S. & Co.
Manufacturers Selling Co.
Warren, Balderston & Co.
WEEHAWKEN—Berger Edw. W. & Bro.

NEW MEXICO.

ALBUQUERQUE—Whitney Hardware Co.

NEW YORK.

ALBANY—Albany Hdw. & Iron Co.
Bates Edw. P. (of Syracuse), Fairbanks Co., 364 B'way
Hoy & Co.
Russ Herman H. & Sons
ALBION—Waterman Store
BINGHAMTON—Gaylord & Eltapence Co.
Shapley & Wells
BUFFALO—Case W. A. & Sons Mfg. Co., Dixon & Ballou, 37 Carroll
Frontier Water & Steam Sup. Co.
Hamill D. L. Co., 60 Delaware av
Ruckel J. H. & Son, 81 Main
Schaefer & Co.
Warren & Dellwardt, 109 Seneca
CANANDAIGUA—Cooley A. E. & Co.
CLYDE—Wood S. W. Engine Co.
COHOES—Sweet & Doyle
GENEVA—Vance Jas. R.
GREENPORT—Hedges Samuel P.
HORNELL—McGuire Chas. F.
JAMESTOWN—Clark Hardware Co.
KINGSTON—Canfield Supply Co.
LOCKPORT—Trevor Mfg. Co.
NEWBURGH—Smith Albert C. & Co.
Smith W. L.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Jacobs Geo. P. & Co., 276 S 9th
Johnson J. D. Co., 43 Boerum pl
McElraevy & Hauck Co., 440 B'way
Munkenbeck Bros., 88 Hamilton av
Phillips, Doup & Co., 60 Pearl
Scollay John A., 74 Myrtle av
Wilfert Jno. Co, 490 Bushwick av

Boroughs of Manhattan and Bronx.

NEW YORK—Bayne Jasper Co., 29 Sullivan
Beggs Jas. & Co., 30 Warren
See adv index at end of book
Behrer & Co., 81 Beekman
Beith & Reilly Co., 2475 3d av
Bernard-Greenwood Co., 20 Desbrosses
Blue & Queripel Co., 2360 3d av
Boig & Hill, 216 Fulton
Campbell Supply Co., 570 Columbus av
Cornell & Underhill, Greenwich & Spring
Crane Co. (of Chicago), 490 Cherry
Curran Supply Co., 512 W 36th
Dienst A. P. Co., 2604 3d av
Dimock & Fink Co., 220 E 125th
Dominion Asbestos & Rubber Corp. (Leather, Rubber, Balata, Canvas, Asbestos), 67 Murray
See adv index at end of book
Donegan & Swift, 6 Murray
Du Bois F. N. & Co., 247 9th av
Dunham, Carrigan & Hayden Co. (of San Francisco, Cal), 127 Duane
Efron Jacob, 233 Broome
FAIRBANKS CO., 416 Broome
For branch houses see Alphabetical Section
Flint & Chester, 237 Lafayette
Garrett W. D. & Co., 136 Liberty
Giannini G. W., 437 W 42d
Gibbons Jno. V., 133 Greenwich
Gillis & Geoghegan, 537 W B'way
Greason Mfg. Co., 108 W 99th
Gurney Heater Mfg. Co. (of Boston), 11 E 42nd
Hussey W. H. & Son, 148 W 35th
Johnson J. D. Co., 54 Cliff
Kamerman I., 1660 Park av
Keating E. F. Co., 446 Water
Keating Jas. A. & Co., 105 Christopher
Kelly & Jones Co., 15 Park row
McLoughlin & Donovan, 47 Cliff
McMANN & TAYLOR CO., 104 John
See adv index at end of book
McShane Bell Fdry Co., 50 Church
Magee Valve Co., 136 Beekman
Malbin Mayer, 303 E 60th
Marine Mfg. & Supply Co., 158 South
Montgomery & Co., 105 Fulton
Murray John A. & Co., 310 W 39th
NASON MFG. CO., 71 Fulton
See adv index at end of book
O'Neil M. Supply Co., 25 Cliff
Page Wm. H. Boiler Co., 141 W 36th
Patterson, Gottfried & Hunter, 149 Lafayette

NEW YORK—New York—continued
Peck Bros. & Co. (of New Haven, Conn.), 219 W 49th
Phelps Bros. Co., 101 Beekman
PIERCE, BUTLER & PIERCE MFG. CORP., 437 E. 162nd
Pollock Alex. Co., 203 West
Powhatan Brass & Iron Wks., 340 Hudson
Ransom Stephen, 401 West
Roberts Geo. I. & Bros., 471 4th av
Robertson Jas. L. & Sons, 78-80 Murray
Rogers H. A. Co., 87 Walker
See adv index at end of book
Rumsey Pump & Machine Co., 75 Warren
Russell W. A. & Co., 63 W 37th
Rutzler Enoch Co., 404 E 49th
Sarco Co., Inc., 229 B'way, New York
See adv index at end of book
Schaad Paul, 110 John
Shapiro A. & Co., 167 av A
Simmons John Co., 110 Centre
Smith H. B. Co., 10 E 39th
Standard Plumbing Supply Co., St. Ann's av & 159th
Starratt & Jones Co., 28 Howard
Tufts Walter B., 94 John
Urquhart's John S. Son & Co., 131 Liberty
Walker & Chambers, 222 E 41st
Walsh & Hartwig, 217 E 58th
Walworth Mfg. Co, (of South Boston), **19 Cliff**

Borough of Queens.

LONG ISLAND CITY—Brodie Wm., 307 Jackson av

(End of New York City)

NIAGARA FALLS — Elderfield-Hartshorn Hardware Co.
NORTH TONAWANDA—American District Steam Co.
OGDENSBURG—Ogdensburg Machine Co.
OSSINING—Barlow & Co.
POUGHKEEPSIE—Adriance Plumbing & Heating Co.
ROCHESTER—Haverstick & Co.
Howe & Bassett Co.
Sloan Samuel & Co.
SAUGERTIES—Lamb's Daniel Son
SYRACUSE—Bates Edw. P. Co.
Joy Edw. Co.
Kieffer Bros.
Weekes Jno. & Son Co.
TROY—Aird-Don Co.
Barnum Bros. Co.
Horan Jas. J. & Co.
Troy Belting & Supply Co.
UTICA—Bates Edw. P.
Millar Chas. & Son Co.
Utica Plumbing Supply Co.
WATERTOWN—Hunting Co.
Weekes Jno. & Son Co.

NORTH CAROLINA.

CHARLOTTE—Charlotte Supply Co.
General Fire Extinguisher Co. (of Providence, R. I.)
GOLDSBORO—Dewey Bros.
GREENSBORO—Odell Hardware Co.
NEWBERN—Hyman Supply Co.
RALEIGH—Young & Hughes
WINSTON SALEM—Crawford Plumbing & Mill Supply Co.

OHIO.

AKRON—Hardware & Supply Co. (Pipe & Fittings, etc)
ASHTABULA—McKinnon Iron Works Co.
BUCYRUS—Crawford Supply Co.
CANTON—Canton Hardware Co.
McLain J. H. Co.
Scioto Valley Supply Co.
CINCINNATI—Crane Co. (of Chicago), 824 B'way
Deckebach F. C. Sons Co., 123 W Court
Geerin Bros. & Co., 423 E 8th
LUNKENHEIMER CO., Executive Offices & Factories. Beekman & Waverly *See adv index at end of book*
Merkel Bros. Co., Canal & Jackson
Murdock Mfg. & Supply Co., 426 Plum
Nichol Thos. J. & Co., Pearl & Ludlow
Queen City Supply Co., Pearl & Elm
CLEVELAND—Bissett R. J., Guardian Bldg.
Bliss Supply Co., 815 Long av
Dunham C. A. Co., Garfield bldg
Fisher E. W. Co., 811 Superior av, N E
Illinois Eng. Co., Williamson bldg
Kennedy Co., Euclid av
Luetkemeyer, 725 Superior av, N W
Mau-Sherwood Supply Co., 1616 W 3d
Pattison W. M. Supply Co., 777 Rockwell av
Strong, Carlisle & Hammond Co., 336 Frankfort av, N W
Ulko Supply Co.
Worthington Geo. Co., 802-832 S Clair av, N. W.
COLUMBUS—Ascher Supply Co, 288 N High
Columbus Supply Co., 37 W Spring
Scioto Valley Supply Co., Long & 3d
Westwater Supply Co., 150 N 3d
DAYTON—Buckeye Iron & Brass Works
Dayton Supply Co.
Larkin M. D. Supply Co.
ELYRIA—Elyria Enameled Products Co. (Glass Enameled, Pipe & Fittings
See adv index at end of book
FINDLAY—Went C. H.
GREENVILLE—Ross Supply Co.
HAMILTON—Walker John L. Co.
LIMA—Good Tool & Supply Co. (Also Engineers' Supplies)
MANSFIELD—Barnes Mfg. Co.
Ohio Brass Co.
NAPOLEON—Heller-Aller Co.
PORTSMOUTH—Standard Supply Co.
ST. MARYS—Jasperson Supply Co.
TOLEDO—American Plumbers' Supply Co.
Arbuckle-Ryan Co.
National Supply Co.
TROY—Hatfield & Scott
WARREN—Warren Hardware Co.
YOUNGSTOWN — Stambaugh Thompson Co.
Scholl W. J. Co.
ZANESVILLE—Roekel Co.

OKLAHOMA.

OKLAHOMA—Crane Co. (of Chicago)

OREGON.

ASTORIA—Fisher Bros. Co.
PORTLAND—Crane Co. (of Chicago)
Gauld Co., 69 N 12th
Kline M. L., 84 Front
McPherson W. G. Co.

PENNSYLVANIA.

ALLENTOWN—Albright Son & Co.
Taylor Wm. H. & Co.
ALTOONA—Standard Supply & Equipment Co.
ASHLAND—Buck Peter E. & Sons
BRADFORD—Bovaird & Seyfang Mfg. Co.
Oil Well Supply Co.
BUTLER—Campbell J. G. & W.
CHESTER—Riley Benj. F.
CHICORA—Hays E. F. & Sons
Hoch Bros.
CLARION—Magee John A. Co.
CONSHOHOCKEN—Bate Wm. T. & Son
CORRY—Barlow Hardware Co.
DUBOIS—Dubois Iron Works
DUKE CENTER—Berry & Duke
EMLENTON—Mitchell H. B. & Co.
Weller J. A. & Sons
ERIE—Boettiger & Co.
Erie Mfg. & Supply Co.
Jarecki Mfg. Co.
FRANKLIN—Producers Supply Co.
FREELAND—Freeland Plumbing & Plumbing Supplies Co.
GREENSBURG—Kelly & Jones Co. (of Pittsburgh)
GREENVILLE—Packard H'dware Co.
HARRISBURG—Appleby Bros. & Whittaker Co..
Mather E. Co.
HAZLETON—Hazleton Machinery & Supply Co.
JOHNSTOWN—Johnstown Supply House
National Radiator Co.
Swank Hardware Co.
KINGSTON—Roat A. J. Supply Co.
LANCASTER—Cummings, Bevis & Levan
Reilly Bros. & Raub
Sheet Metal & Supply Co.
LEBANON—Krause Geo. Hardware Co.
MECHANICSBURG—Hauck Bros.
MEYERSDALE—Shipley Hardware Co.
MOUNT JOY—Moyer Gabriel
OIL CITY—Logan Robt.
Oil Well Supply Co. (of Pittsburgh)
United Hardware & Supply Co.
PHILADELPHIA—Anchor Packing Co., Lafayette bldg
Bell Harry E., 212 Church
Bridgman Bros. Co., 1426 Washington av
Brogan & Co., 810 Race
Cox & Sons Co., 5th & Chestnut
Crane Co. (of Chicago), 245 Master
Cressman N. C. Co., Drexel bldg
Dominion Asbestos & Rubber Corp. (Leather, Rubber, Balata, Canvas, Asbestos), 110 Walnut
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Fleck Bros. Co., 44 N 5th
Ford & Kendig Co., 27 N 7th
Freedman Small & Co., 623 S 6th
Froelich Bros., 142 N 7th
Haines, Jones & Cadbury Co., 1136 Ridge av
Hartman Co., 1231 N Front
Haynes-Thompson Co., 2107 Vine
Hunter & Dickson Co., 241 Arch
Huyette Paul B. Co., 5 S 18th
Johnson J. D. Co. (of New York), 139 N 7th
Keystone Supply & Mfg. Co., 927 N 9th
Koons E. W. & Co. (Pipe & Fittings, etc), 911 Filbert
Lewis Steam Specialty Co. (Valves & Regulators), 260 N 11th
McArdle & Cooney, 519 Arch
Maddock & Co., 44 N 6th
Maneely John, 309 Arch
Manning, Maxwell & Moore, Lincoln bldg
Mott J L Iron Works, 1006 Filbert
Pancoast Henry B. Co., 243 S 3d
Penn Engineering Co., 312 Cherry
Perkes Chas. (Est. of), 627 Arch
Rainear C. J. & Co., 518 Arch
Sachs Wm. A., 1152 Germantown av
Schade Valve Mfg. Co., 2528 N American
Sees & Faber Co., 2008 N Front
Shannon J. Jacob & Co., 1744 Market
Spaulding & Metcalf, 532 Arch
Standard Supply & Equipment Co., N W cor Cherry & 13th
Webb Elisha & Son Co, 136 S Front
Williamson & Cassedy, 526 Market
PITTSBURGH—Bailey-Farrell Mfg. Co., 3rd av & Ross
Best Co., 33d & R R
Bowman Supply & Mfg. Co., 890 Main
Frick & Lindsay Co., Robinson
Harris Pump & Supply Co., 320 2d av
Hickman V. Q., Union Bank bldg
Hyde Bros. & Co., Commonwealth bldg
Jarecki Mfg. Co. 311 1st av
McKnight Samuel Hardware Co., 225 Federal
Oil Well Supply Co., 215 Water
Pittsburgh Gage & Supply Co., 30th & Liberty av
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R.
Somers, Fitler & Todd Co., 325 Water
Standard Supply & Equipment Co., 29th & Smallman
Turner Chas A., Inc., 3d av & Chancery
Waite Supply Co., 1635 5th
POTTSTOWN—Fegely J. & Son
POTTSVILLE—Bright George Hardware Co.
Pottsville Supply Co.
READING—Bright & Co.
Reading Laundry & Supply Co.
Reading Heater & Supply Co.
ROUSEVILLE—Rouseville Supply Co.
SCRANTON—Everhart Brass Works
Gaylord & Butler Co.
Gunster Bros.
O'Malley Mfg. Co.
Scott Chas. B. Co.
Scranton Supply & Machinery Co.
Weeks Ralph E. Co.
SHAMOKIN—Sanner Hardware Co.
SHARON—Fruit-Ohl Co.
SOMERSET—Schell P. A. & Co.
TITUSVILLE—Kernochan & Co.
United Hardware & Supply Co.
TUNKHANNOCK—Billings Paul & Sons
WARREN—Pickett Hardware Co.
WILKES-BARRE—Eastern Penna. Supply Co.
Wyoming Valley Supply & Mfg. Co.
WILLIAMSPORT—Keeler E. Co.
Kline & Co.
Moltz Jacob J.
YORK—Motter's Geo F. Sons
Small P. A. & S. Co.

RHODE ISLAND.

PAWTUCKET—Jackson Samuel Co.
PROVIDENCE—Allen & Reed, 178 Dorrance
American Supply Co., 135 Washington
Conlin J. C., 361 Washington
General Fire Extinguisher Co.
Phillips Lead & Supply Co., 91 S Main
R. I. Supply & Sprinkler Co.

SOUTH CAROLINA.

CHARLESTON—Bailey-Lebby Co.
Cameron & Barkley Co.
Valk & Murdoch Co.

TENNESSEE.

CHATTANOOGA—James Supply Co.
Magill Hardware Co.
JACKSON—Southern Engine & Boiler Works
KNOXVILLE—McClung C. M. & Co.
Savage W. J. Co.
MEMPHIS—Browne & Borum Co.
Chickasaw Machine & Foundry Co.
Crane Co (of Chicago)
Orgill Bros. & Co.
Riechman-Crosby Co.
NASHVILLE—Bouchard Jno. & Sons Co.
Gray & Dudley Hardware Co.
Keith, Simmons & Co.
Nashville Machine Co.

TEXAS.

AUSTIN—Tips Walter Co.
DALLAS—Briggs-Weaver Machinery Co.
Kinnison Bros.
GALVESTON—Shean Paul Co.
HOUSTON—Girten Belting & Packing Co.
Heitmann F. W. Co.
SAN ANTONIO—San Antonio Machine & Supply Co.
TYLER—Connally Walter & Co.

UTAH.

OGDEN—Halverson Bros.
SALT LAKE CITY—Crane Co. (of Chicago), Est 1855
Salt Lake Hardware Co.

VERMONT.

BELLOWS FALLS—Allbee Geo. B. Co.
RUTLAND—Lincoln Iron Works

VIRGINIA.

CHARLOTTESVILLE—Wood J. Edwin Co.
LYNCHBURG — Barker-Jennings Hardware Co.
NORFOLK—Empire Machine & Supply Corp.
Porter & Moore Co.
Seaboard Supply Co.
Southern Supply Co.
Tidewater Supply Co., Inc.
Virginia-Carolina Supply Co.
Walke Henry Co.
White E. V. & Co.
PETERSBURG—Stratton & Bragg Co.
RICHMOND—Dominion Asbestos & Rubber Corp. (Leather, Rubber, Balata, Canvas, Asbestos), 8 Governor *See adv index at end of book*
Frischkorn Hunter B. (Pipe & Fittings)
Lindsay J. L. (Inc.)
Smith-Courtney Co.
Southern Railway Supply Co. (Pipe & Fittings)
Sydnor Pump & Well Co.
ROANOKE—Nelson Hardware Co. (Pipe & Fittings)
Roanoke Hardware Co.
SUFFOLK—Folk E. L. Co.

WASHINGTON.

BELLINGHAM—Morse Hardware Co.
OLYMPIA—Olympia Hardware Co.
SEATTLE—Bowles Co., 107 Jackson
Crane Co. (of Chicago)
Hambach & Co., 1st av S & King
Puget Sound Machinery Depot, 318 1st av S
Washington Iron Works
SPOKANE—Crane Co. (of Chicago)
Holley-Mason Hardware Co.
Spokane Hardware Co.
TACOMA—Crane Co. (of Chicago)
Hunt & Mottet Co.

WEST VIRGINIA.

CHARLESTON—Capital City Supply Co.
South Side Foundry & Machine Works
HUNTINGTON—Miller Supply Co.
PARKERSBURG — Chancellor Hardware Co.
RANSOM—Powhatan Brass & Iron Works
WHEELING—Trimble & Lutz Supply Co.

WISCONSIN.

EAU CLAIRE—Hobbs W. H. Supply Co.
GREEN BAY—Murphy Supply Co.
HURLEY—McConnell Hardware Co.
LA CROSSE—Roosevelt W. A. Co.
MANITOWOC—Richards Iron Works
MILWAUKEE—Bowers W. A. Heating Co., 484 Market
Downey Heating & Supply Co., 615 Clybourn
Hoffman B. Mfg. Co., 257 6th
Hoffman & Billings Mfg. Co., 100 2nd
Mueller L. J. Furnace Co. (Heating Apparatus & Supplies)
Rom Robt. Co., 1023 St. Paul av
Rundle-Spence Mfg. Co., 63 2d
OSHKOSH—Battis Bros.
RACINE—Davis, O. C.
WAUSAU—Murray D. J. Mfg. Co.

Steam Heating Apparatus

See Heaters, Steam & Hot Water; also Radiator Manufacturers; also Valve Manufacturers, Various Kinds; also Steam Fitters' Supplies, etc.

14189a— *Steamship Agents

MEXICAN COMMERCIAL & AGRICULTURAL CO., Delta bldg, Los Angeles, Cal.
Page & Jones, Mobile, Ala.
See adv index at end of book

14190— *Steam Supplies

Bower Jas. & Co., Inc. (Specialties), Park bldg, Pittsburgh, Pa.
Detroit Steam Appliance Co., Union Trust bldg, Detroit, Mich.
Otis Boiler Co., Inc., 335 W 1st, Oswego, N. Y. *See adv index at end of book*
Ross Valve Mfg. Co., 6 Oakwood av, Troy, N. Y.
Simplex Heating Specialty Co., Lynchburg, Va.

Steam Tables for Culinary Purposes

See Cooking Apparatus

14191— Steamers (Barrel)

Heltzel Steel Form & Iron Co., Warren, O.
See adv index at end of book
Oram John S. Co., Cleveland, O.

14192-3— Steamers (Grain)

Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Union Iron Works, Decatur, Ill.
Wolf Co., Chambersburg, Pa.

14194— Stearine

American Cotton Oil Co. (Cotton Seed), 65 B'way, New York
Armour & Co., 208 La Salle, Chicago, Ill.
Consolidated Rendering Co., 40 N Market, Boston, Mass.
Cudahy Packing Co., 111 W Monroe, Chicago, Ill.
Emery Candle Co. (For Metal Polish), Cincinnati, O.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Klipstein A. & Co. (Wool, Imp.), 644 Greenwich, New York
Marden Orth & Hastings Co. (Imp), 61 B'way, New York
Morris & Co., 38 S Dearborn, Chicago, Ill.
N. Y. Butchers' Dressed Meat Co., 11th av & 39th, New York
Pacific Coast Beef & Provision Co. (Oleo, etc.), Los Angeles, Cal.
Reardon John & Sons Co. (Oleo), Cambridge, Mass.
Scheel Wm. H. (Jobbers), 159 Maiden la, New York
Swan Alden S. & Co., 135 Front, New York
Swift & Co., Union Stock Yards, Chicago, Ill.

14195—Steel (Agricultural Implement)

See also Steel Bar Mills; also Steel, Crucible

American Sheet & Tin Plate Co. (Sheet), Frick bldg, Pittsburgh, Pa.
American Tube & Stamping Co., Bridgeport, Conn.
Buffalo Steel Co. (Bessemer, Harrow & Cultivator Bars, Plow Beams, etc.), Tonawanda, N. Y.
Calumet Steel Co. (Bessemer Cultivator Bars, Harrow Tooth Bars, U Harrow Bars, Angles, Channels, etc), 208 S La Salle, Chicago, Ill.
Cambria Steel Co. (Bar, Slab & Plow Steel & Shapes, Cultivator & Coulter Steel), Widener bldg, Phil., Pa.
Colonial Steel Co. (Soft Center, Crucible & Open Hearth Plow Steel, etc), 324 4th av, Pittsburgh, Pa.
Colorado Fuel & Iron Co. (Open Hearth), Denver, Colo.
Crucible Steel Co. of America (Crucible & Open-Hearth), Oliver bldg, Pittsburgh, Pa.
Elyria Iron & Steel Co. (High Carbon, Shapes, Angles, Tubing, etc), Cleveland, O.
Farist Steel Co., Bridgeport, Conn.
Harrow Spring Co., Milwaukee, Wis.
Harvey Arthur C. Co., 374 Congress, Boston, Mass. *See adv index at end of book*
Inland Steel Co., First Nat'l Bank bldg, Chicago, Ill.
Interstate Iron & Steel Co., 1st National Bank bldg, Chicago, Ill.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Judson Mfg. Co., (Open Hearth), 819 Folsom), San Francisco, Cal.
Kaufman E. & Co., Farmers Bank bldg, Pittsburgh, Pa.
Kelly G. A. Plow Co., Longview, Tex.
La Belle Iron Works (Special Plates, Plow Slabs, etc), Steubenville, O.
Lackawanna Steel Co. (Bessemer & Open-Hearth), Buffalo, N. Y.
Laclede Steel Co., Federal Reserve Bk bldg, St. Louis, Mo.
McINNES CHARLES E. & CO., Mariner & Merchants bldg, Phila., Pa.
Republic Iron & Steel Co. (Angles, Channels, Plow Beams, U Bars, etc), Youngstown, O.
Sweets Steel Co., Williamsport, Pa.
Union Drawn Steel Co. (Cold Drawn), Beaver Falls, Pa.

14196— Steel (Alkali Drum)

American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.

14197—*Steel (Alloy & Carbon)

ALLOY STEEL PRODUCTS CORP., 30 Church, New York
See adv index at end of book
Atlas Crucible Steel Co. ("E. B." Alloy), Dunkirk, N. Y.
See adv index at end of book
Becker Steel Co. of Am., 154 Nassau, New York
Bethlehem Steel Co. (Alloy), So. Bethlehem, Pa.
FEDERAL TOOL & ALLOYED STEEL CORP., 12 Platt, New York
FRASSE PETER A. & CO. (INC.), 417 Canal, New York. Works: Hartford, Conn. *See adv index at end of book*
Fulton Steel Corp., Fulton, N. Y.
Gladium Co., 127 Duane, New York
Harrow Spring Co., Milwaukee, Wis.
Harvey Arthur C. Co., 374 Congress, Boston, Mass. *See adv index at end of book*
La Salle Steel Co. (Alloy), S Halsted & 23rd, Chicago, Ill.
Latrobe Electric Steel Co., Latrobe, Pa.
Midvale Steel & Ordnance Co. (Alloy), Widener bldg, Phila., Pa.
National Pressed Steel Co., Massilon, O.
Seaport Steel Co., 217 B'way, New York
SWEDISH IRON & STEEL CORP., 12 Platt, New York
See adv index at end of book

STEEL and IRON

All Kinds in Stock

ARTHUR C. HARVEY CO.

374 Congress Street Boston, Mass.

14198—*Steel (Angles, Channels & Shapes)

Latshaw Steel & Metal Products Corp., 220 B'way, New York
See adv index at end of book

STEEL-ANGLES CHANNELS & SHAPES

Shafting, Seamless Welded and Seamless Steel Tubing
Hack Saw Blades, Screw Steel
Bars, Sheets, Plates, Angles, Channels,
Wire, Rails, Rods, Drills, Files
Steel Balls, Hoops, Nails

LATSHAW STEEL & METAL PRODUCTS CORP.
WORKS-SPRING CITY, PENNA.
GENERAL OFFICES-261 BROADWAY, NEW YORK CITY.
BRANCHES-PHILADELPHIA-PITTSBURG-CHICAGO

Steel Angles, Channels & Tees

See Steel Structural Mills, and note the matter following each name

14199—Steel Automobile Sheets

See also Iron & Steel Sheet, Black and Galvanized

American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.
Columbia Steel Co. (Frame Steels), Elyria, O.
Crowley John A. Co., 120 Liberty, New York
Follansbee Bros. Co., Pittsburgh, Pa.
Harvey Arthur C. Co., 374 Congress, Boston, Mass. *See adv index at end of book*
La Belle Iron Works, Steubenville, O.
La Salle Steel Co., S Halsted & 23rd, Chicago, Ill.
Massillon Rolling Mill Co. (Bessemer & Open Hearth), Massillon, O.
Taylor W. & G. Co., Mariner & Merchant bldg, Phila., Pa.
West Penn Steel Co., Brackenridge, Pa.
Wood Alan Iron & Steel Co. ("A. W."), Widener bldg, Phila., Pa.
Worcester Pressed Steel Co., Worcester, Mass.
Wyoming Shovel Works (Open-Hearth, Nickel & Nickel Chrome), Wyoming, Pa.

14200—Steel (Automobile, Special)

FRASSE PETER A. & CO. (INC.), 417 Canal, New York. Works: Hartford, Conn. *See adv index at end of book*

Steel Bands & Hoops

See Iron & Steel, Band & Hoop

14201— Steel Bar Mills

See also Iron Bar Mills; also Steel Crucible

American Bridge Co. (Open Hearth), 30 Church, New York
American Car & Foundry Co. (Open Hearth Rounds, Flats & Squares), Syndicate Trust bldg, St. Louis, Mo.
American Horse Shoe Co. (Steel Bars), Phillipsburg, N. J.
American Rolling Mill Co. (Basic Open Hearth), Middletown, O.
AMERICAN STEEL & WIRE CO. (Open Hearth), 208 S La Salle, Chicago, Ill.
See adv index at end of book
American Tube & Stamping Co. (Open-Hearth), Bridgeport, Conn.
Armstrong Geo. W. & Co., Inc. (Steel Bars), Fort Worth, Texas
Atlantic Steel Co. (Basic Open Hearth, Rounds, Flats, Squares, etc), Atlanta, Ga.
Atlas Crucible Steel Co. (High Grade Crucible, LXX High Speed Steels, "Atlas" Tempering Steels, in Squares, Rounds, Flats, Hexagons, ect., for Tools, Drills, Dies, etc.), Dunkirk, N. Y.
See adv index at end of book
Bethlehem Steel Co. (Nickel & Nickel Chrome for Files, Screws, Wire Rods, etc), South Bethlehem, Pa.
Braeburn Steel Co. (Open Hearth & Crucible Bar & Tool Steel), Braeburn, Pa.
Brown & Co. (Crucible Bar & Tool Steel), 10th & Duquesne way, Pittsburgh, Pa.
Buffalo Steel Co. (Bessemer Steel), Tonawanda, N. Y.
Calumet Steel Co. (Bessemer Rounds, Squares, Flats, Angles, Channels, etc), 208 S La Salle, Chicago, Ill.
Cambria Steel Co. (Rounds, Squares & Flats), Widener bldg, Phila., Pa.
Carbon Steel Co., ft. 32nd, Pittsburgh, Pa.
Carnegie Steel Co. (Open Hearth & Bessemer Merchant Bar), Carnegie bldg, Pittsburgh, Pa.
Carpenter Steel Co. (Crucible Tool Steel), Reading, Pa.
Chrome Steel Works (Acid & Open-Hearth), Chrome, N. J.
Colonial Supply Co., 217 Water, Pittsburgh, Pa. *See adv index at end of book*
Colorado Fuel & Iron Co. (Bessemer & Open Hearth Merchant Bars), Denver, Colo.
Columbia Tool Steel Co. (Rolled & Hammored Crucible Tool & Machinery), 552 W Lake, Chicago Heights, Ill.
Conners-Weyman Steel Co. (Merchant Bars), Birmingham, Ala.
Crucible Steel Co. of America (Crucible & Open Hearth Merchant Bar & Hammered & Rolled Tool Steel), Oliver bldg, Pittsburgh, Pa.
Cyclops Steel (Forged Crucible Steel, Rounds, Squares, Flats, etc), 120 B'way, New York
Davis Bros., 29th & Bristol, Philadelphia, Pa.
Eckels-Nye Steel Co. (Bessemer & High Carbon Merchant Steel), Syracuse, N. Y.
Empire Rolling Mill Co. (Merchant Bar Steel), Bessemer & C. & P. Ry., Cleveland, O.
Falls Hollow Staybolt Co. (Staybolt), Cuyahoga Falls, O.
Farist Steel Co. (Rolled & Hammered Crucible & Open Hearth), Bridgeport, Conn.
Ferguson Steel & Iron Co., Inc., Buffalo, N. Y.
Firth-Sterling Steel Co. ("Blue Clip" Crucible Tool Steel), McKeesport, Pa.
Gulf States Steel Co. (Merchant Bars, Round and Square Edge Steel Tire, Flats, Round & Square), Birmingham, Ala.
HALCOMB STEEL CO. (High Grade Crucible Tool Steel & Rolled & Hammered Crucible & Electric Steel), Syracuse, N. Y. *See adv index at end of book*
Hammond Steel Co., Inc. (Hammered Die Blocks, Tool Steel, etc), Solvay, N. Y.
Harrow Spring Co. (Merchant & Machinery Steel), Milwaukee, Wis.
Highland Iron & Steel Co. (Merchant Bar), Terre Haute, Ind.
Illingworth Jno. Steel Co. (Hammered & Rolled Crucible Steel Bars; also Rerolled & Hammered Open Hearth Steel), Tacony & Lewis, Philadelphia, Pa.
Illinois Steel Co. (Merchant Bars, Bessemer & Open Hearth), 208 S La Salle, Chicago, Ill.
Inland Steel Co. (Merchant & Concrete Reinforcing), First Nat'l Bank bldg, Chicago, Ill.
Interstate Iron & Steel Co., First Nat'l Bank bldg, Chicago, Ill.
JANSON STEEL & IRON CO. (Rounds, Flats, Squares, etc), Columbia, Pa.
Jones & Laughlin Steel Co. (Rounds, Squares, Ovals, Flats, Hexagons, etc), Ross, Pittsburgh, Pa.
Judson Mfg. Co. (Steel Bars), 819 Folsom, San Francisco, Cal.
King H. B. Sales Agency, 244 California, San Francisco, Cal.
Lackawanna Steel Co. (Open Hearth Merchant, Steel Bars, Rounds, Squares & Flats, for Car Builders, Agricultural Implements, Bolts, etc), Buffalo, N. Y.
Laclede Steel Co., Federal Reserve Bk bldg, St. Louis, Mo.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Latrobe Electric Steel Co., Latrobe, Pa.
Lebanon Valley Iron & Steel Co. (Open Hearth Rounds, Squares, Flats, etc), Lebanon, Pa.

Lockhart Iron & Steel Co. (Soft Steel in Bars), McKees Rocks, Pa.
Logan Iron & Steel Co. (Bessemer & Open Hearth Rounds, Flats, Squares, etc), Morris bldg, Phila., Pa.
Ludlum Steel Co. (Pure Carbon Crucible Tool Steel for Taps, Dies, Cutters, Reamers, Chisels, Drills, etc), Watervliet, N. Y.
McInnes Steel Co. (Ltd.), (Hammered Tool Steel, High Speed Steel & "Cello" Vanadium Oil Hardening Steel), Corry, Pa.
Nicetown Plate Washer Co. (Medium Steel Bars), 1324 Juniata, Phila., Pa.
Ohio Falls Iron Co., New Albany, Ind.
Flats & Special Shapes), S 10th & Muriel, Pittsburgh, Pa.
Oliver Iron & Steel Co. (Rounds, Squares,
Pacific Coast Steel Co. (Merchants Bars., etc.), Rialto bldg, San Francisco, Cal.
Pardee C. Works (Merchant Bars & Angles), Perth Amboy, N. J.
Philadelphia Steel & Forge Co. (Rolled & Hammered Steel Bars), 50 Church, New York. Works: Tacony, Phila., Pa.
Pigott Thos E, 632 Frankfort av, Cleveland, O.
Pittsburgh Crucible Steel Co. (⅜ to 2 inch Rounds, All Sizes Squares & Merchant Flats), Midland, Pa.
Pittsburgh-Des Moines Steel Co., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Portland Iron & Steel Co., South Portland, Me.
Railway Steel Spring Co. (Open Hearth Flats, Rounds, Squares, etc), 30 Church, New York
Republic Iron & Steel Co. (Soft & Hard Merchant Steel), Youngstown, O.
Rockaway Rolling Mill (Steel Bars), Rockaway, N. J.
SIMONDS MFG. CO. (Electric Furnace) Lockport, N. Y.
See adv index at end of book
Soule Edw. L. Co. (Iron & Steel Products of All Kinds), Rialto bldg, San Francisco, Cal. *See adv index at end of book*
Sweets Steel Co. (Merchant Bar Steel, Special Open Hearth, Flat, Round, Square, Ovals, etc), Williamsport, Pa.
Tacony Steel Co., Tacony, Phila., Pa.
Taylor N. & G. Co. Mariner & Merchant bldg, Phila., Pa.
Tennessee Coal, Iron & Railroad Co. (Steel Bars), Birmingham, Ala.
Union Rolling Mill Co. (Soft Steel Bars), Aetna rd & E 82nd, Cleveland, O.
United Alloy Steel Corp. (Round, Flat & Square Steel) Canton, O.
Upson Nut Co. (Basic Open Hearth up to 1½ in. Diameter Rounds, Flats & Squares), Cleveland, O.

Vulcan Crucible Steel Co. (Crucible & Open Hearth Rolled & Forged), Aliguippa, Pa.

14201a— *Steel Bars

HARVEY ARTHUR C. CO., 374 Congress, Boston, Mass.
See adv index at end of book
Latshaw Steel & Metal Products Corp., 220 B'way, New York
See adv index at end of book
RYERSON JOS. T. & SON (Merchant), 2558 W 16th, Chicago, Ill; 2208 N 2d, St. Louis, Mo.; 30 Church, New York; 726 Ford bldg, Detroit, Mich.
See adv index at end of book

14202—Steel Bars (Chrome Nickel)

ALLOY STEEL PRODUCTS CORP., 30 Church, New York
See adv index at end of book
Central Steel Co. ("Agathon" Bars, Billets & Slabs) Massillon, O.
Crowley John A. Co., 120 Liberty, New York
HALCOMB STEEL CO., Syracuse, N. Y.
See adv index at end of book
Harvey Arthur C. Co., 374 Congress, Boston, Mass. *See adv index at end of book*
Hawkridge Bros. Co., 303 Congress, Boston, Mass.
United Alloy Steel Corp., Canton, O.

14203—Steel Bars (Finished)

See also Shafting, Polished Steel

Standard Gauge Steel Co. (Rounds, Squares, Flats, Hexagon & Finished Shapes), Beaver Falls, Pa.

Steel Bars for Reinforced Concrete

See Concrete Reinforcing Bars, Iron & Steel; also Concrete Reinforcing Materials

14204— Steel Bars (Nickel)

ALLOY STEEL PRODUCTS CORP., 30 Church, New York
See adv index at end of book
Central Steel Co. ("Agathon" Bars, Billets & Slabs) Massillon, O.
Crowley John A. Co., 120 Liberty, New York
HALCOMB STEEL CO., Syracuse, N. Y.
See adv index at end of book
Harvey Arthur C. Co., 374 Congress, Boston, Mass. *See adv index at end of book*

14205—Steel Bars (Vanadium)

ALLOY STEEL PRODUCTS CORP., 30 Church, New York
See adv index at end of book
Bethlehem Steel Co. (Open Hearth), S Bethlehem, Pa.
Carnegie Steel Co. (Open Hearth), Carnegie bldg, Pittsburgh, Pa.
Carpenter Steel Co. (Crucible), Reading, Pa.
Central Steel Co. ("Agathon" Bars, Billets & Slabs), Massillon, O.
Crowley John A. Co., 120 Liberty, New York
Crucible Steel Co. of America (Crucible & Open Hearth), Oliver bldg, Pittsburgh, Pa.
Cyclops Steel Co. (Crucible), 120 B'way, New York
Firth-Sterling Steel Co. (Crucible), McKeesport, Pa.
HALCOMB STEEL CO. (Crucible & Electric Furnace), Syracuse, N. Y.
See adv index at end of book
Harvey Arthur C. Co., 374 Congress, Boston, Mass.
See adv index at end of book
Hawkridge Bros. Co., 303 Congress, Boston, Mass.
Kaufmna E. & Co., Farmers Bank bldg,
Latrobe Electric Steel Co., Latrobe, Pa.
United Alloy Steel Corp. (Electric & Open Hearth), Canton, O.
Vanadium-Alloys Steel Co. (Crucible), Latrobe, Pa.
Vulcan Crucible Steel Co. (Crucible & Acid Open Hearth), Aliquippa, Pa.

Steel Beams

See Steel Structural Mills

14206—Steel Bedstead Angles

See also Steel Structural Mills; also Tubing, Various Kinds

Buffalo Steel Co. (Bessemer Steel), Tonawanda, N. Y.
Eckels-Nye Steel Co., Syracuse, N. Y.
30 Church, New York
Elyria Iron & Steel Co. (High Carbon Steel), Cleveland, O.
Inland Steel Co., First National Bank bldg, Chicago, Ill.
Laclede Steel Co., Federal Reserve Bank bldg., St. Louis, Mo.
Sweets Steel Co. (High Carbon Steel), Williamsport, Pa.

Steel Billets & Blooms

See Billets, Blooms & Slabs, Steel

Steel Boiler & Tank Plate

See Iron & Steel Boiler & Tank Plate

14207— Steel Bridge Plate

American Bridge Co. (Open Hearth), 30 Church, New York
Carbon Steel Co. (Open Hearth), ft 32nd, Pittsburgh, Pa.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Central Iron & Steel Co., Harrisburg, Pa.
Cleveland Steel Co., Rockefeller bldg, Cleveland, O.
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Glasgow Iron Co. (Open Hearth Steel; also Iron), Pottstown, Pa.
Illinois Steel Co., 208 S La Salle, Chicago, Ill.
Inland Steel Co., First Nat'l Bank bldg, Chicago, Ill.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Lukens Steel Co. (Open Hearth), Coatesville, Pa.
Maryland Steel Co., Sparrows Point, Md.
Parkersburg Iron & Steel Co., Parkersburg, W. Va.
Republic Iron & Steel Co., Youngstown, O.

Steel Bridges

See Steel Structural Work

Steel Buildings

See Steel Structural Work

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Hendricks' Commercial Register

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14207a— Steel (Cars)

Atlas Engineering Co., Amherst, O.
See adv index at end of book

Steel Ceilings

See Ceilings, Sheet Steel

Steels Channels

See Steel Structural Mills

14207b— Steel (Chimneys)

Atlas Engineering Co., Amherst, O.
See adv index at end of book

14208— Steel (Cold Drawn)

Alborn Steel Co., 22 Clarke, New York
ALLOY STEEL PRODUCTS CORP., 30 Church, New York
See adv index at end of book
American Steel Tube Co., Toledo, O.
AMERICAN STEEL & WIRE CO., (In All Shapes, 208 S La Salle, Chicago, Ill.
See adv index at end of book
Atlas Crucible Steel Co., Dunkirk, N. Y.
See adv index at end of book
Cambria Steel Co. (Rounds, Squares, Hexagons Flats, Angles, Tees & Zees, **Widener bldg, Philadelphia, Pa.**
Carpenter Steel Co. (Crucible Steel & Wires), Reading, Pa.
Columbia Steel & Shafting Co. (Drawn & Polished Squares, Flats, Hexagons & Shapes, etc), Pittsburgh, Pa.
Compressed Steel Shafting Co., 392 Dorchester av, Boston, Mass.
Crowley John A. Co., 120 Liberty, New York
Crucible Steel Co. of America (Crucible, Bright Drawn), **Oliver bldg, Pittsburgh, Pa.**
De Forest Sheet & Tin Plate Co. (Bessemer & Open Hearth Steel Sheets), Niles, O.
See adv index at end of book
DICKEY STEEL CO., THE, 229 B'way, New York
Disston Hy. & Sons, Tacony, Phila., Pa.
Fitzsimons Co., Youngstown, O.
FRASSE PETER A. & CO., INC., 417 Canal, New York. Works: Hartford, Conn. *See adv index at end of book.*
HALCOMB STEEL CO. (Crucible & Electric), Syracuse, N. Y.
See adv index at end of book
Harvey Arthur C. Co., 374 Congress, Boston, Mass. *See adv index at end of book*
Hawkridge Bros. Co., 303 Congress, Boston, Mass.
Hercules Electric Steel Corp., 145 Lafayette, New York
See adv index at end of book
INTERIOR METAL MFG. CO., Jamestown, N. Y. *See adv index at end of book.*
Jones & Laughlin Steel Co. (Rounds, Squares, Hexagons, Flats, Angles, Zees, etc.), **Ross, Pittsburgh, Pa.**
Kidd Drawn Steel Co. (Free Cutting Screw, etc), Aliquippa, Pa.
Lancaster Steel Products Co. (Rounds, Squares, Drill Rods & Shapes), **Lancaster, Pa.**
Merchant & Evans Co., 2035 Washington av, Philadelphia, Pa.
See adv index at end of book
Molhrup Steel Products Co. (Flats, Squares, Hexagons), **Beaver Falls, Pa.**
National Drawn Steel Co. (Drills, Rods & Shapes), East Liverpool, O.
Newman C. Wire Co., 25 Church, New York
Pardee C. Works (Finished Shapes, Rounds, Squares, Hexagon & Flats, Turned & Polished Shafting), Perth Amboy, N. J.
Peerless Drawn Steel Co. (Rounds, Hexagons, Squares & Flats), Massillon, O.
Pittsburgh Shafting Co., of Detroit (Die Drawing, Nickel, etc), Detroit, Mich.
Pittsburgh Tool Steel Wire Co. (Tool for Twist Drills, Taps, etc), Monaca, Pa.
Republic Iron & Steel Co. (Piston & Pump Rods, Lead, Screws, Fine Machine Rods, Line Shafting, etc), Youngstown, O.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*

Trade Mark

"Hercules"

URANIUM HIGH SPEED STEEL
CARBON TOOL STEELS
OIL HARDENING TOOL STEEL
TUNGSTEN MAGNET STEEL
CHROME MAGNET STEEL
VARIOUS ALLOY STEELS

HERCULES ELECTRIC STEEL CORP.
140 Lafayette Street **New York City**

Sheffield Works, Inc., 86 Warren, New York. *See adv index at end of book*
Standard Gauge Steel Co., Beaver Falls, Pa.
Tacony Steel Co., Tacony, Phila., Pa.
Union Drawn Steel Co. (Rounds, Flats, Squares, Hexagons & Shapes), Beaver Falls, Pa.
WARD'S EDGAR T. SONS CO., 304 Hudson, New York
WETHERELL BROS. CO., 31 Oliver, Boston, Mass. *See adv index at end of book*

14209—Steel (Cold Drawn Shapes)

Atlas Crucible Steel Co., Dunkirk, N. Y. *See adv index at end of book*
Boston Pressed Metal Co., 169 Union, Worcester, Mass.
DAHLSTROM METALLIC DOOR CO., (Including Angles, Channels & Z Bars, Castings & Cap Mouldings in the Cold Drawn Process, Cut to Specified Lengths and Bent Any Desired Shape), 36 Blackstone av, Jamestown, N. Y. *See adv index at end of book*
Hawkridge Bros. Co., 303 Congress, Boston, Mass.
Molthrup Steel Products Co., Beaver Falls, Pa.
Peerless Drawn Steel Co. (Special Sections, Alloy Steels), Massillon, O.
Standard Gauge Steel Co., Beaver Falls, Pa.

14210—Steel (Cold Drawn Vanadium)

Crowley John A. Co., 120 Liberty, New York
Crucible Steel Co. of America (Cold Rolled & Drawn) ,Oliver bldg, Pittsburgh, Pa.
HALCOMB STEEL CO. (Cold Drawn), Syracuse, N. Y. *See adv index at end of book*
Harvey Arthur C. Co., 374 Congress, Boston, Mass. *See adv index at end of book*
Hawkridge Bros. Co., 303 Congress, Boston, Mass.
Union Drawn Steel Co. (Cold Drawn, Bars, Flats, Rounds, Squares & Hexagons), Beaver Falls, Pa.

14211—Steel (Cold Rolled)

Acme Steel Goods Co. (Light-Hoop, Pickled & Oiled or Cold Rolled, Large Coils), 2834 Archer av, Chicago Ill.
Allegheny Steel Co. (Pickled & Cold Rolled Steel Sheets), Oliver bldg, Pittsburgh, Pa.
ALLOY STEEL PRODUCTS CORP., 30 Church, New York *See adv index at end of book*
American Sheet & Tin Plate Co. (Sheet), Frick bldg, Pittsburgh, Pa.
American Steel Co. (Flat), Park bldg, Pittsburgh, Pa.
Am. Steel Tube Co., Toledo, O.
AMERICAN STEEL & WIRE CO. (Shafting Flat Wire, etc), 208 La Salle, Chicago, Ill. *See adv index at end of book*
American Tube & Stamping Co. (Hoops, Bands, Strips & Sheets), Bridgeport, Conn.
Athenia Steel Co., 135 William, New York
BARNES THE WALLACE CO. ("Barnes-Made" High Carbon), 18 Wallace, Bristol, Conn. *See adv index at end of book*
Brier Hill Steel Co. (Open Hearth Steel Sheets), Youngstown, O.
Cambria Steel Co. (Rounds, Squares, Hexagons, Flats, Angles. Tees & Zees), Widener bldg, Philadelphia, Pa.
Canton Sheet Steel Co. (Sheets), Canton, O.
Carpenter Steel Co. (Crucible Steels & Wires), Reading, Pa.
Columbia Steel Co. (Polished Sheets, Bars, Strips, etc), Elyria, O.
Crouch W. J. Co., Inc., 253 B'way, New York
Crowley John A. Co., 120 Liberty, New York
Crucible Steel Co. of America (Crucible, Flats, etc), Oliver bldg, Pittsburgh, Pa.
Cumberland Steel Co. (Flats, Squares & Hexagons), Cumberland, Md.
Eaton H. B. & Co. (Imp), 144 Pearl, Boston, Mass.
Griffin Mfg. Co., Erie, Pa.
Halcomb Steel Co. (Crucible) Syracuse, N. Y. *See adv index at end of book*
HARVEY ARTHUR C. CO., 374 Congress, Boston, Mass. *See adv index at end of book*
Illingsworth Jno. Steel Co. (Shapes & Bevels), Tacony & Lewis, Philadelphia, Pa. Works: Reading, Pa.
Inland Steel Co. (Basic Open Hearth Sheets), First Nat'l Bank bldg, Chicago, Ill.
Jones & Laughlin Steel Co. (Hexagons, Squares, Flats, Bars, Rods, etc), Ross, Pittsburgh, Pa.
Kidd Drawn Steel Co. (Flats), Aliquippa, Pa.
Larkin J. K. & Co., 34 Reade, New York *See adv index at end of book*
Massillon Rolling Mill Co., Massillon, O.
Morris & Bailey Steel Co. (Sheets, Plates & Strips), State, Pittsburgh, Pa.
Newman C. Wire Co., 25 Church, New York
Otis Steel Co. (Sheets), Leader-News bldg, Cleveland, O.
Parkersburg Iron & Steel Co. ("National" Bessemer Sheets), Parkersburg, W. Va.
Pigott Thos. E., 632 Frankford av, Cleveland, O.
Pittsburgh Cold Rolled Steel Co., 39th & P. R. R., Pittsburgh, Pa.
Pittsburgh Shafting Co. of Detroit, Detroit, Mich.
Republic Iron & Steel Co. (Rounds), Youngstown, O.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Schwartz Herrmann, 121 Nassau, New York
Sheffield Works, Inc. (Band Saw Steel), 86 Warren, New York *See adv index at end of book*
Stark Rolling Mill Co. (Sheets), Canton, O.
Strong Homer, Rochester, N. Y.
Superior Steel Co. (For Stamping, Drawing, etc), Carnegie, Pa.
Union Drawn Steel Co. (Rounds, Flats, Squares, Hexagons, Sheets & Shapes, Bessemer, Open Hearth, Crucible, Cold Die Rolled Steel), Beaver Falls, Pa.
WARD'S EDGAR T. SONS CO., 44-54 Farnsworth, Boston, Mass. *See adv index at end of book*
Washburn Wire Co. (Rounds, Squares & Flats), Phillipsdale, R. I.
West Leechburg Steel Co. (Hot & Cold Rolled Strip), Farmers' Bank bldg, Pittsburgh, Pa. Works: Leechburg, Pa.
West Penn Steel Co. (Open Hearth Sheets), Brackenridge, Pa.
WETHERELL BROS. CO., 31 Oliver, Boston, Mass. *See adv index at end of book*
Wheelock, Lovejoy & Co. (Sheets, Hot & Cold Rolled, Sales Agents), 23 Cliff, New York
Wood Alan Iron & Steel Co. ("A. W.") Sheets), Widener bldg, Philadelphia, Pa.
Worcester Pressed Steel Co., Worcester, Mass.

14212—*Steel (Cold Rolled Sheet & Strip)

ALLOY STEEL PRODUCTS CORP., 30 Church, New York *See adv index at end of book*
American Tube & Stamping Co., Bridgeport, Conn.
Crouch, W. J. Co., Inc., 253 B'way, New York
De Forest Sheet & Tin Plate Co., Niles, O. *See adv index at end of book*
Erie Metal Products Co., Erie, Pa.
FRASSE PETER A. & CO. (INC.), 417 Canal, New York *See adv index at end of book*
National Pressed Steel Co., Massillon, O.
WARD'S EDGAR T. SONS CO., 304 Hudson, New York

14213—Steel (Cold Rolled Strip)

American Stamping & Mfg. Co., Park bldg, Pittsburgh, Pa.
American Steel & Wire Co., 208 S La Salle, Chicago, Ill. *See adv index at end of book*
AMERICAN TUBE & STAMPING CO., Bridgeport, Conn.
Athenia Steel Co., 135 William, New York
Carpenter Steel Co. (Crucible Spring), Reading, Pa.
Central Steel & Wire Co. (For Blanking, **Drawing & Stamping), 127 N Peoria, Chicago, Ill.**
Columbia Steel Co. (Flats in Widths From ½ to 20 inches; In All Gauges From Very Thin to 3-8th inch thick), Elyria, O.
Crowley John A. Co., 120 Liberty, New York
Crucible Steel Co. of America, Oliver bldg., Pittsburgh, Pa.
DICKEY STEEL CO. THE, 229 B'way, New York
Disston Henry & Sons, Tacony, Phila., Pa.
Elliott-Blair Steel Co. (Fine Bright Dead **Soft for Sewing Machines, Typewriter, Bicycle Parts, etc), New Castle, Pa.**
Greer Steel Co., Dover, O.
Griffin Mfg. Co., Erie, Pa.
HARVEY ARTHUR C. CO., 374 Congress, Boston, Mass. *See adv index at end of book*
Hawkridge Bros. Co., 303 Congress, Boston, Mass.
Laclede Steel Co., Federal Reserve Bank bldg, St. Louis, Mo.
Miller & Van Winkle, 20 Bridge, Brooklyn, N. Y.
Morris & Bailey Steel Co., State, Pitts**burgh, Pa.**
National Pressed Steel Co., Massillon, O.
Newman C. Wire Co., 25 Church, New York
Pigott Thos. E., 632 Frankford av, Cleveland, O.
Pittsburgh Cold Rolled Steel Co., 39th & P. R. R., Pittsburgh, Pa.
Pittsburgh Shafting Co., of Detroit, Detroit, Mich.
RYERSON JOS. T. & SON, 2558 W 16th, Chicago, Ill., 2208 N 2d. St. Louis, Mo. 30 Church, New York, 726 Ford bldg, Detroit, Mich. *See adv index at end of book*
Schrock & Squires (Merchts), 293 Pearl, New York

COLD ROLLED STRIP STEEL

Strips—Sheets—Plates For Stamping and Deep Drawing

New England Agents for Morris & Bailey Steel Co.

WETHERELL BROS. CO. 31 Oliver St., Boston, Mass.

STEEL (COLD ROLLED STRIP)—cont'd

Sheffield Works, Inc., 86 Warren, New York. *See adv index at end of book*
Stanford Steel Products Co., Milford, Conn.
STANLEY WORKS (For Deep Drawing, Bending & Blanking), New Britain, Conn. *See adv index at end of book*
Superior Steel Co. (For Stamping & Drawing, etc), Carnegie, Pa.
Trumbull Steel Co., Warren, O.
Walker W. J. Steel Co., 1722 Columbus rd, Cleveland, O.
West Leechburg Steel Co. (For Blanking, Stamping & Drawing), Farmers' Bank bldg, Pittsburgh, Pa.
WETHERELL BROS. CO., 31 Oliver, Boston, Mass. *See adv index at end of book*
Wheelock, Lovejoy & Co. (For Blanking & Drawing, Sales Agents), 23 Cliff, New York
Worcester Pressed Steel Co., Worcester, Mass.

14213a—*Steel (Cold Rolled Strip Flat Wire)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book

14214— Steel (Copper Clad)

Standard Underground Cable Co., Pittsburgh, Pa.

Steel (Corrugated)

See Iron & Steel, Corrugated

14215— Steel (Crucible)

For Crucible Steel Castings, see Castings, Steel, with the Word Crucible Following Their Name

Allen Edgar & Co., Ltd., 718 W Lake, Chicago, Ill.
Atlas Crucible Steel Co. (LXX High Speed Steels, "Atlas" Tampering Steels, in Squares, Rounds, Flats, Octagons, Hexagons, etc., for Tools, Drills, Lathes, Dies, etc), Dunkirk, N. Y. *See adv index at end of book*
Bethlehem Steel Co. (Forgings, Self-Hardening & Carbon Tool Steel Billets, Shafting, Engine Cranks, Forged Armor Plate, etc), South Bethlehem, Pa.
Braeburn Steel Co. (Bar & Tools, Rolled & Forged), Braeburn, Pa.
Brown & Co. (Tool Steel), 10th & Duquesne way, Pittsburgh, Pa.
Carpenter Steel Co. (Tool Steel for Files, Cutlery, Dies, Wire, etc), Reading, Pa.
Central Steel Co. ("Agathon" Bars, Billets & Slabs), Massillon, O.
Chrome Steel Works (Chrome Steel Plates, Angles, Bars, etc), Chrome, N. J.
Colonial Steel Co. ("Colonial" High Speed, Carbon & Special Steel Tools of All Kinds Hammered & Rolled Bars, Plates, Sheets, Forgings, etc), 324 4th av, Pittsburgh, Pa.
Columbia Tool Steel Co. (Rolled & Hammered), 552 W Lake, Chicago, Heights, Ill.
Crucible Steel Co. of America (Hammered & Rolled Tool, Die, Agricultural, Plow, Saw, Spring, Cutlery, Plate, Cold Drawn Sheet, Shear Steel & Finest Quality of Tool Steel), Oliver bldg, Pittsburgh, Pa.
Cyclops Steel Co. (High Speed & Carbon, 120 B'way, New York
DICKEY STEEL CO. THE, 229 B'way, New York
Disston Henry & Sons (Bar Tool, Cold Roll Bands, Engravers Plates, Flat Wire & Special Steel), Tacony, Phila., Pa.
Farist Steel Co. (Rolled & Hammered, All Kinds), Bridgeport, Conn.
Firth-Sterling Steel Co. ("Blue Chip" Fine Tool Steel), McKeesport, Pa.
FRASSE PETER A. & CO. (INC.) (High Speed Tool Steel), 417 Canal, New York. Works: Hartford, Conn.
See adv index at end of book
HALCOMB STEEL CO. ("Ketos" Finest Quality of Steel, Hammered & Rolled Bars, Sheets & Forgings), Syracuse, N. Y. *See adv index at end of book*
Harvey Arthur C. Co., 374 Congress, Boston, Mass. *See adv index at end of book*
Hawkridge Bros. Co. ("Ketos"), 303 Congress, Boston, Mass.
Heller Bros. Co. (Clay Crucible Cast Steel), 879 Mt. Prospect av, Newark, N. J.
Hussey-Binns Steel Co. ("Husybins" Sheet Steel & Bar), Bessemer bldg, Pittsburgh, Pa.
Illingsworth Jno. Steel Co. (Hammered & Rolled Bars & Sheets for Tools, Saws, Knives, Files, etc), Tacony & Lewis, Phila., Pa.
Imperial Steel Range Co. (Nickel, Chrome & Tungsten Machinery Steel), 2900 Detroit av, Cleveland, O.
JESSOP STEEL CO. (Sheet & Saw Steel, etc.), 91 John, New York. Works: Washington, Pa.
JESSOP WM. & SONS (INC.), ("Jessop's" Best Carbon Tool), 91 John, New York.
See adv index at end of book
Kaufman E. & Co., Farmers Bank bldg, Pittsburgh, Pa.
McInnes Steel Co. (Ltd.) ("McInnes" Crucible Tool Steel, High & Speed & "Cello" Vanadium, Oil Hardening Steel), Corry, Pa.
Merchant & Evans Co., 2035 Washington av, Phila., Pa.
See adv index at end of book
Midvale Steel & Ordnance Co. (Hammered & Forged), Widener bldg, Phila., Pa.
Patriarche & Bell (Jobbers), 215 Pearl, New York
PERKINS STEEL CO. ("Perco" Tool, Nickel & Chrome Nickel), 143 Liberty, New York
Rossell Hy. ("Victory," Tool Steel Made in England), 24 S Jefferson, Chicago, Ill.
Seaport Steel Co., 217 B'way, New York
SHEFFIELD WORKS, INC. (Band Saw Steel), 86 Warren, New York
See adv index at end of book
SIMONDS MFG. CO., Steel Dept. (Saw Plate & Sheet), Lockport, N. Y.
See adv index at end of book
Syracuse Crucible Steel Co. (Tool Steel), Syracuse, N. Y.
Vulcan Crucible Steel Co. (High Grade Tool & Rolled & Forged Products), Aliquippa, Pa.
Wardlow S. & C., 278 Pearl, New York
Wetherell Bros. Co., 31 Oliver, Boston, Mass. *See adv index at end of book*

14216— Steel (Crushed)

(For Sawing, Grinding & Polishing Granite, Stone, Glass, Brick, etc.
Harrison Supply Co., 5 Dorchester av Extension, Boston, Mass.
Pittsburgh Crushed Steel Co. (Ltd.), 61st & A. B. R. R., Pittsburgh, Pa.

14216a— *Steel (Cutlery)

Atlas Crucible Steel Co., Dunkirk, N. Y.
See adv index at end of book
Sheffield Works, Inc., 86 Warren, New York. *See adv index at end of book*
WETHERELL BROS. CO., 31 Oliver, Boston, Mass. *See adv index at end of book*

14216b— *Steel (Drill)

FEDERAL TOOL & ALLOYED STEEL CORP., 12 Platt, New York
SWEDISH IRON & STEEL CORP. ("Sisco"), 12 Platt, New York
See adv index at end of book

14216c—*Steel (Electric, Engine Bolt)

Old Dominion Iron & Nail Wks. Co. ("Extra"). Belle Isle, Richmond, Va.

14217—Steel (Electric Furnace)

Apollo Electric Steel Co., Apollo, Pa.
Atlas Crucible Steel Co., Dunkirk, N. Y.
See adv index at end of book
Blaw Knox Co. (& Acetylene Welded), Farmers' Bank bldg, Pittsburgh, Pa.
Carpenter Steel Co., Reading, Pa.
Crowley John A. Co. ("Arrow"), 120 Liberty, New York
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Electric Steel Co., W 31st & S Wood, Chicago, Ill.
Electro Steel Co., Curry bldg, Pittsburgh, Pa.
Halcomb Steel Co., Syracuse, N. Y.
See adv index at end of book
Harrow Spring Co., 1st Nat'l Bank Bldg, Milwaukee, Wis.
Hawkridge Bros. Co., 303 Congress, Boston, Mass.
Hess Steel Corp., Baltimore, Md.
Illinois Steel Co., 208 S La Salle, Chicago, Ill.
Latrobe Electric Steel Co., Latrobe, Pa.
Ludlum Steel Co., Watervliet, N. Y.
Nat'l Pressed Steel Co., Massillon, O.
Old Dominion Iron & Nail Works Co., Belle Isle, Richmond, Va.
Trojan Electric Steel Co., 34th & Hoyne av, Chicago, Ill.
United Alloy Steel Corp., Canton, O.

Steel (Electrical)

See Iron & Steel Sheet, Electrical

14218— Steel (Emery)

(For Grinding & Rubbing Glass, Marble, etc; also for Grinding in Valves, Steam & Air Joints)
Pittsburgh Crushed Steel Co. (Ltd.), 61st & A. B. R. R., Pittsburgh, Pa.

14219— Steel Eye Bar Flats

Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Witherow Steel Co., Keystone bldg, Pittsburgh, Pa

14220—Steel Factory Equipment

See also Specific Article Wanted

Allsteelequip Co., Aurora, Ill.
Angle Steel Stool Co., Otsego, Mich.
Arnold S. G. ("Guttman"), 2619 W Vanburen, Chicago, Ill.
Bernstein Mfg. Co., 3d & Westmoreland, Phila., Pa.
Clark W. J. Co., Salem, O.
Cleveland Wire Spring Co., Cleveland, O.
Davis & Sherer Co., 226 S Ludlow, Dayton, O.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Durand Steel Locker Co., 1435 Ft. Dearborn Bk. bldg, Chicago, Ill.
EDWARDS MFG. CO., Cincinnati, O.
See adv index at end of book
Fire-Proof Furniture & Construction Co., Miamisburg, O.
Kilbourne & Jacobs Mfg. Co., Columbus, Ohio
Lyon Metallic Mfg. Co. ("Lyon"), Aurora, Ill.
Manufacturing Equipment & Engineering Co. ("Mecco" Locker, Wash Bowls, Drinking Fountains, Stock & Pattern Racks, Stools, Chairs, etc.), 136 Federal, Boston, Mass. Works: Framingham, Mass.
Medart Fred. Mfg. Co. (Lockers, Steel Shelving, Racks of all Kinds & Sizes, Book Stacks, Catalogue Cabinets, etc), De Kalb & Potomac, St. Louis, Mo.
See adv index at end of book
New Britain Machine Co. ("New Britain"), 190 Chestnut, New Britain, Conn.
Ohio Mfg. Co. (Barrels, Boxes, Kegs, Pails, Pans, Spittoons, Stools, etc.), P. O. Box 358, Painesville, O.
See adv index at end of book
Ohio Sheet Metal Co., Canton, O.
SNEAD & CO. IRON WORKS, 98 Pine, Jersey City, N. J.
See adv index at end of book
Terrell's Equipment Co. (Bins, Shelving, Trucks, Lockers, Racks, etc), B'way, Grand Rapids, Mich.
Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.
Vonnegut Machinery Co., Indianapolis, Ind.
Watson Mfg. Co. (Filing Cabinets, Racks Shelving, etc), Jamestown N Y
Wilson Andrew Co. (Lockers, Shelving, Tables, Pans, Cans, etc.), 616 Essex, Lawrence, Mass.
See adv index at end of book

14221-2—Steel (File & Rasp)

ALLOY STEEL PRODUCTS CORP., 30 Church, New York
See adv index at end of book
Atlas Crucible Steel Co., Dunkirk, N. Y.
See adv index at end of book
Bethlehem Steel Co. S Bethlehem, Pa.
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Farist Steel Co., Bridgeport, Conn.

JESSOPS CARBON TOOL STEEL

MANUFACTURED IN SHEFFIELD, ENGLAND

JESSOPS STEEL FOR TOOLS, DIES, CIRCULAR SAWS, BAND SAWS KNIVES, DRILLS, STEEL FORGINGS

ONCE USED ALWAYS USED—ALWAYS UNIFORM
MOST ECONOMICAL

WM. JESSOP & SONS, Inc.

91 JOHN STREET, NEW YORK

BRANCHES

BOSTON CLEVELAND CHICAGO CINCINNATI ST. LOUIS SAN FRANCISCO, ETC., ETC.

Midvale Steel & Ordnance Co., Widener bldg, Phila., Pa.
Philadelphia Steel & Forge Co., 50 Church, New York
Sheffield Works, Inc., 86 Warren, New York. *See adv index at end of book*

Steel Filing Equipment

See Filing Cabinets & Devices

14223—Steel Fire Box Plate

Carbon Steel Co. (Open Hearth), ft 32d, Pittsburgh, Pa.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Central Iron & Steel Co., Harrisburg, Pa.
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Lukens Steel Co. (Open Hearth), Coatesville, Pa.
Otis Steel Co. (Open Hearth), Leader-News bldg, Cleveland, O.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*

Steel Floor Plate

See Plates, Floor, Iron & Steel

14223a—Steel (For Concrete Construction)

See also Steel (Construction Reinforced)

HARVEY ARTHUR C. CO., 374 Congress, Boston, Mass. *See adv index at end of book*

14223b—Steel (For Stamping and Drawing)

Central Steel & Wire (Cold Rolled Strip), 127 N Peoria, Chicago, Ill.
Horner W. S. & Co. (Cold Rolled Sheet), Oliver bldg, Pittsburgh, Pa.
Morris & Bailey Steel Co. (Sheets, Plates & Strips, Cold Rolled), Slate, Pittsburgh, Pa.
Phillips Sheet & Tin Plate Co. (Sheets), Weirton, W. Va.
Stanley Works (Cold Rolled Sheets & Strips), New Britain, Conn.
See adv index at end of book
Superior Steel Co. (Cold Rolled Sheets & Strips), Carnegie, Pa.
West Leechburg Steel Co. (Cold Rolled Strip), Farmers Bank bldg, Pittsburgh, Pa.
Wetherell Bros. Co. (Cold Rolled Strips, Sheets & Plates), 31 Oliver, Boston, Mass. *See adv index at end of book*

14223c—*Steel Forms (Concrete Construction)

See also Concrete Steel Construction

HELTZEL STEEL FORM & IRON CO., Warren, O. *See adv index at end of book*

14224— Steel Hardening

Biddle W. S. Co., 1411 E 45th, Cleveland, O.
Bliss E. C. Mfg. Co. (High Speed Steel), 73 Page, Providence, R. I.
Bridgeport Metal Treating Co. (High Speed Steel a Specialty), Bridgeport, Conn.
Cary Spring Works, 240 W 29th, New York
Century Steel Co. of America (Oil), Poughkeepsie, N. Y.
European Color & Chemical Co., Hoboken, N. J.
Frasse Peter A. & Co. Inc., 417 Canal, New York. Works: Hartford, Conn.
See adv index at end of book
National Cycle & Mfg. Co., Bay City, Mich.
New England Annealing & Tool Co. (Carbon & High Speed Steel), 74 K, S Boston, Mass.
Scott C. U., Davenport, Ia.
Sier-Bath Co., 143 W 54th, New York
Steel Improvement & Forge Co. (Infuso), Cleveland, O.
Stroh Steel Hardening Process Co., First Nat'l Bank bldg, Pittsburgh, Pa.
Tinker F. & Sons Co., 5687 Butler, Pittsburgh, Pa.

14225—Steel (High Carbon)

ALLOY STEEL PRODUCTS CORP., 30 Church, New York
See adv index at end of book
Atlas Crucible Steel Co., Dunkirk, N. Y.
See adv index at end of book
Bethlehem Steel Co. (Tool, etc), South Bethlehem, Pa.
Carbon Steel Co., ft 32nd, Pittsburgh, Pa.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Central Steel Co. ("Agathon" Bars, Billets & Slabs), Massillon, O
Columbia Tool Steel Co., 552 W Lake, Chicago Heights, Ill.
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Cyclops Steel Co., 120 B'way, New York
Eckels-Nye Steel Co., Syracuse. N. Y.
FEDERAL TOOL & ALLOYED STEEL CORP., 12 Platt, New York
FRASSE PETER A. & CO. (INC.), 417 Canal, New York. Works: Hartford, Conn. *See adv index at end of book*
Halcomb Steel Co., Syracuse, N. Y.
See adv index at end of book
Indiana Rolling Mill Co. (Sheets), New Castle, Ind.
Interstate Iron & Steel Co., 1st Nat'l Bank bldg, Chicago, Ill.
Latrobe Electric Steel Co., Latrobe, Pa.
Ludlum Steel Co. ("Pompton," "Elba"), Watervliet, N. Y.
Plass L. Co., 132 Pearl, New York
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.
See adv index at end of book
SWEDISH IRON & STEEL CORP., 12 Platt, New York
See adv index at end of book
Sweets Steel Co. (Bars, Ingots, etc), Williamsport, Pa.
Vulcan Crucible Steel Co., Aliquippa, Pa.
Warren Iron & Steel Co. (Sheets & Shovel Plate, etc), Warren, O.
Wetherell Bros. Co., 31 Oliver, Boston, Mass. *See adv index at end of book*
Wheelock, Lovejoy & Co. (For Springs, Saws, Buckles, etc) (Sales Agents), 23 Cliff, New York

14226— Steel (High Speed)

Firms marked with a (*) star are either Jobbers or Importers; all others are Manufacturers

See also Steel Importers

Aborn Steel Co., 22 Clarke, New York

ALLOY STEEL PRODUCTS CORPORATION

30 CHURCH STREET, NEW YORK

STEEL—High Speed, Carbon, Mild, Chrome Nickle
BRASS—Sheets, Bars, Castings, Protruded Stock
IRON—Plates, Bars, All Shapes and Sizes
COPPER—Tubes, Sheets, Welding and Brazing Wire

We make a specialty of Forgings, Metal Abrasives and all kinds of castings

STEEL (HIGH SPEED)—continued

*Allen Edgar & Co. (Ltd.) ("Allen," Air Hardening, "Allen's Imperial"), 718 W. Lake, Chicago, Ill.

ALLOY STEEL PRODUCTS CORP., 30 Church, New York
See adv index at end of book

*Andrew Jno. Henry & Co. (Ltd.), ("Toledo," Sheffield, Eng.), 26 Cortlandt, New York

Atlas Crucible Steel Co. (L X X High Speed Steel, Crucible), Dunkirk, N. Y.
See adv index at end of book

*Becker Steel Co. of America (Becker Cobalt and Modern High Speed Steel), 154 Nassau, New York

Bethlehem Steel Co. ("Bethlehem," Special Tool), South Bethlehem, Pa.

Boerder Process Steel Co., Woodhill & Hazelwood, Cleveland, O.

*Boker H. & Co. Inc. ("Novo Superior" Imported), 101 Duane, New York

*Bourne-Fuller Co. ("Scott's I X L"), Hickox bldg, Cleveland, O.

Braeburn Steel Co., Braeburn, Pa.

Carpenter Steel Co., Reading, Pa.

Central Steel Co. ("Agathon" Bars, Billets & Slabs), Massillon, O.

Century Steel Co. of Am., Poughkeepsie, N. Y.

Colonial Steel Co. (Bars, Plates or Sheets), 324 4th av, Pittsburgh, Pa.

Columbia Tool Steel Co. ("Columbia," "Special"), 552 W Lake, Chicago Heights, Ill.

Crowley John A. Co. ("Arrow"), 120 Liberty, New York

Crucible Steel Co. of America ("Champion" High Speed, "Rex A. A. A." & "Rex A. A." "Rex A"), Oliver bldg, Pittsburgh, Pa.

Cyclops Steel Co. ("Burgess"), 120 B'way, New York

DICKEY STEEL CO. THE, 233 B'way, New York

Disston Hy. & Sons, Tacony, Phila., Pa.

*Eaton H. B. & Co., ("Weco") 144 Pearl, Boston, Mass.

Electro Steel Co. (Electric Furnace Steel), Curry bldg, Pittsburgh, Pa.

FEDERAL TOOL & ALLOYED STEEL CORP., 12 Platt, New York

Firth-Sterling Steel Co. (Blue Chips), McKeesport, Pa.

***FRASSE PETER A. & CO. (INC.),** 417 Canal, New York. Works: Hartford, Conn. *See adv index at end of book*

Fulton Steel Corp. ("Great Bear"), Fulton, N. Y.

HALCOMB STEEL CO. ("Dreadnought," Crucible), Syracuse, N. Y.
See adv index at end of book

Haring Ellsworth, 118 Liberty, New York

*Harvey Arthur C. Co., 374 Congress, Boston, Mass.
See adv index at end of book

*Hawkridge Brothers Company (Dreadnought), 303 Congress, Boston, Mass.

Heller Bros. Co. ("Heller's," Alloy High-Speed Tool Steel), 879 Mt. Prospect av, Newark, N. J.

*Hobson-Houghton & Co. (Ltd.), ("Albion" Imp.), 82 Beekman, New York

*Houghton & Richards (Jobbers), 145 Oliver, Boston, Mass.

Illingworth Jno. Steel Co. ("Argo"), Tacony & Lewis, Philadelphia, Pa.

INGERSOLL-RAND CO. ("I.-R." Swedish drill steel), 11 B'way, New York
See adv index at end of book

*International High Speed Steel Co. ("Bulldog," Swedish), 99 Nassau, New York *See adv index at end of book*

JESSOP WM. & SONS (INC.) (Jessop's "Ark" High Speed Steel), 91 John, New York *See adv index at end of book*

Jones B. M. & Co. Inc. ("Mushet," Imported), 141 Milk, Boston, Mass.

KNAPP ARTHUR ENGINEERING CORP., 30 Church, New York
See adv index at end of book

*Krefeld Steel Co. (Imp.), 50 Church, New York

Latrobe Electric Steel Co. ("Electric" & "Uranium"), Latrobe, Pa.

Ludlum Steel Co. ("Mohawk"), Watervliet, N. Y.

McInnes Steel Co. (Ltd.), ("McInnes," Vanadium & Cobalt High Speed), Corry, Pa.

Midvale Steel & Ordnance Co. ("Midvale"), Widener bldg, Phila., Pa.

*Morris E. K. & Co. (Cold Drawn & Cold Rolled Bar Strip Steel, Jobbers & Importers), 317 W 2d, Cincinnati, O.

Onondaga Steel Co., Inc., Syracuse, N. Y.

*Phillips F. R. & Sons Co. ("Velos," Imported), Penna. bldg., Phila., Pa.

Plass L. Co., 132 Pearl, New York

*Potts Horace T. & Co. ("Rekford," Superior), 318 N 3d, Phila., Pa.

*Rossell Henry ("Victory," Made in Sheffield, England), 24 S Jefferson, Chicago, Ill.

Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*

Schrock & Squires, 293 Pearl, New York

Seaport Steel Co., 217 B'way, New York

Sheffield Works Inc., 86 Warren, New York
See adv index at end of book

*Stauffer, Eshleman & Co. (Ltd.) ("Arrow," Swedish Electro), 511 Canal, New Orleans, La.

***SWEDISH IRON & STEEL CORP.** ("Sisco Excelsior"), 12 Platt, New York *See adv index at end of book*

Vanadium-Alloys Steel Co. ("Vasco Non-Shrinkable," "Vasco Choice," "Vasco Vanadium," Carbon Tool Steel, "Vasco Marvel" Semi High Speed Steel, "Vasco Special," "Vasco Electric," "Vasco Latrobe" Alloy Tool Steel), 1st av & Ross, Pittsburgh, Pa.

Vulcan Crucible Steel Co., ("Wolfram") Aliquippa, Pa.

***WARD'S EDGAR T. SONS CO.** ("Red Cut Superior"), 44-54 Farnsworth, Boston, Mass., & 204 Hudson, New York
See adv index at end of book

Wetherell Bros. Co., 31 Oliver, Boston, Mass. *See adv index at end of book.*

*Wheelock, Lovejoy & Co. (Sales Agents), 23 Cliff, New York, & Boston, Mass.

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Steel (Hoop)

See Iron & Steel Band & Hoop

14226a—Steel (Hot Dil & Alloy)

Atlas Crucible Steel Co. ("Atlas"), Dunkirk, N. Y. *See adv index at end of book*

14227—Steel (Hot Rolled Strip)

ALLOY STEEL PRODUCTS CORP., 30 Church, New York
See adv index at end of book

AMERICAN TUBE & STAMPING CO. (Hoop & Bar), Bridgeport, Conn.

Carpenter Steel Co. (Crucible Steels & Wires), Reading, Pa.

Disston Hy. & Sons, Tacony, Phila., Pa.

Elliott-Blair Steel Co., New Castle, Pa.

Harrisburg Pipe & Pipe Bending Co., (For Stamping), Harrisburg, Pa.

Harvey Arthur C. Co., 374 Congress, Boston, Mass.
See adv index at end of book

LACLEDE STEEL CO., Federal Reserve Bk. bldg, St. Louis, Mo.; Works: Alton, Ill.

Merchant & Evans Co., 2035 Washington av, Phila., Pa.
See adv index at end of book

International High Speed Steel Company

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STEEL (HOT ROLLED STRIP)—cont'd
National Pressed Steel Co., Massilon, O.
Philadelphia Steel & Forge Co., 50 Church, New York
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
See adv index at end of book
Stanley Works, New Britain, Conn.
See adv index at end of book
Superior Steel Co. (For Stamping & Drawing, etc), Pittsburgh, Pa. Works: Carnegie, Pa.
Tacony Steel Co., Tacony, Phila., Pa.
Trumbull Steel Co., Warren, Ohio
West Leechburg Steel Co. (For Blanking, Stamping & Drawing), Farmers' Bk. bldg, Pittsburgh, Pa.
Wheelock, Lovejoy & Co. (For Blanking & Deep Drawing. Also Sheets, Sales Agents), 23 Cliff, New York
Worcester Pressed Steel Co., Worcester, Mass.

14227a—Steel Imitation Brick & Rock Face Siding

See also Roofing & Siding, Iron & Steel
American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.
Berger Mfg. Co., Canton, O.
Brier Hill Steel Co., Youngstown, O.
Cambridge Roofing Co., Cambridge, O.
Canton Metal Ceiling Co. ("Art Kraft"), Canton, O.
Chattanooga Roofing & Fdy. Co., Chattanooga, Tenn.
De Forest Sheet & Tin Plate Co., Niles, O.
See adv index at end of book
Dickelman Mfg. Co., Forest, O.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Eller Mfg. Co., Canton, O.
Florida Metal Products Co., Jacksonville, Fla.
Globe Iron Roofing & Corrugating Co., Newport, Ky.
Inland Steel Co., 1st Nat'l Bk. bldg, Chicago, Ill.
Kanneberg Roofing & Ceiling Co., Canton, O.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Mesker Geo. L. & Co., Evansville, Ind.
Messenger & Parks Mfg. Co. (Steel Brick Siding), Aurora, Ill.
Milwaukee Corrugating Co., Milwaukee, Wis.
Moeschl-Edwards Corrugating Co., Covington, Ky.
New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La.
Newport Rolling Mill Co., Newport, Ky.
Penn Metal Ceiling & Roofing Co. (Ltd.), 23d & Hamilton, Phila., Pa.
Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
Reeves Mfg. Co., Dover, O.
St. Paul Roofing, Cornice & Ornament Co., West St. Paul, Minn.
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
Seneca Iron & Steel Co. (Steel Brick Only), Buffalo, N. Y.
Souther E. E. Iron Co., Klenlin & Hamburger, St. Louis, Mo.
Sykes Co., 930 W 19th pl, Chicago, Ill.
Trumbull Steel Co., Warren, O.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.

14228— Steel Importers

Allen Edgar & Co. (Ltd.), ("Edgar Allen," Tool Steel, etc), 718 W Lake, Chicago, Ill.
ALLOY STEEL PRODUCTS CORP., 30 Church, New York
See adv index at end of book
Boker H. & Co., (The Sir Joseph Jonas, Culver & Co. (Ltd.) Tool Steel, Drill Rods, Needle Wire, Hot & Cold Rolled Sheet Steel, Steel for Wagon, Clock and Other Springss, Steel & Crucible Wire Rods, etc), 101 Duane, New York
Brown-Wales Co. (Refined Iron, Bars, Angles, Tees, Plates, Structures, Material Steel Balls & Mechanical Tubing), 489 C, Boston, Mass.
Burrows Thos C., 17 Burling Slip, New York
Comstedt Jas. F. A. (Impt. & Export), 120 B'way, New York
Darwin & Milner ("A. B. C." High Speed & Alloy), 281 Water, New York
Eaton H. B. & Co. ("Weco" & Carbon Tool Steel, etc), 144 Pearl, Boston, Mass.
Grant, Robert, Woolworth Bldg, New York
Harvey Arthur C. Co. (Norway & Swedish Iron & Steel), 374 Congress. Boston. Mass. *See adv index at end of book*
Hidalgo Steel Co., 253 B'way, New York
Hobson-Houghton & Co. (Tool Steel, Needle Wire, Bright Drill Rods, "Soho," Self-Hardening Steel, etc), 83 Beekman, New York
Houghton & Richards ("Styrian" Tool Steel & "Low Moor" & "Farnley" Iron), 145 Oliver, Boston, Mass.
Ingersoll-Rand Co. ("I-R" Swedish Drill Steel), 11 B'way, New York
See adv index at end of book
JESSOP WM. & SONS (INC.), (Bars, Sheets & Plates, "Jessop's" Best Carbon, Tool Steel & Jessop's "Ark" High Speed Steel), 91 John, New York
See adv index at end of book
Johnson Frank M., 208 S La Salle, Chicago, Ill.
Jones B. M. & Co. Inc. ("Mushet" High Speed Steel; Special Steel; "Titanic" Steel, "Ajax" Tool Steel, "Osborn's" High Speed Steel Twist Drills & Milling Cutter Blanks, Best "Yorkshire" Iron, Round, Square, Flat & Hexagon Bars), 141 Milk, Boston, Mass.
Krefeld Steel Co. (Crucible & Alloy Steels), 50 Church, New York
LEAVITT C. W. & CO. (Iron & Steel Bars & Shapes). 34 Church, New York
See adv index at end of book
Merchant & Evans Co., 2035 Washington av, Philadelphia, Pa.
See adv index at end of book
Milne A. & Co. (Norway Iron & Steel, Blooms, Billets, Bars, Wire, Rivet & Nail Rods, etc), 741 Washiongton, New York
Milnor & Goedman ("Excelsior High Speed," "Excelsior Superior"), 17 Bridge, New York
Naylor & Co., 120 B'way, New York
Newkirk Jno. B. & Co. (Structural Shapes, Bars, Sheets, etc.), 1502 Market, Phila., Pa.
Page-Newell & Co., 93 Broad, Boston, Mass.
Patriarche & Bell (Jobbers), 215 Pearl, New York
Phillips F. R. & Sons Co. ("Velos" High Speed Tool). Penna. bldg, Phila., Pa.
Plass L. Co., 132 Pearl, New York
Potts Horace T. & Co. (Bars, Angles, Tees, Slabs, Beams, Channels, Billets, Blooms, Sheet Bars, etc), 318 N 3d, Phila., Pa.
Prosser Thos. & Son, 15 Gold, New York
Sheffield Works Inc., 86 Warren, New York
See adv index at end of book
Stauffer, Eshleman & Co. (Ltd.) ("Arrow" Brand, High Speed), 511 Canal, New Orleans, La.
Swedish Iron & Steel Corp., 12 Platt, New York *See adv index at end of book*
Todd John H. L., 50 Broad, New York
Victor Steel Co., 50 Broad, New York
Wardlow S. & C. (Tool Steel, Cast & Double Sheet Steel, Cutlery Steel, Steel for Watches & Other Springs, etc.), 278 Pearl, New York
Ward's Edgar T. Sons Co., 44-54 Farnsworth, Boston, Mass.
See adv index at end of book
Wetherell Bros. Co. (Kayser, Ellison & Co., Ltd.) (Bar, Sheet & Wire), 31 Oliver, Boston, Mass.
See adv index at end of book
Wheelock, Lovejoy & Co., 23 Cliff, New York
Wilckes J. Co. ("Sandviken" Swedish High Carbon Tempered & Polished Steel), 135 William, New York

14228a— Steel Inspection

Hunt Rob't W. & Co., 175 W Jackson blvd, Chicago, Ill.

14229— Steel (Jail Bar)

Alloy Steel Forging Co., Carnegie, Pa.
Colonial Steel Co. (5 Ply), 324 4th av, Pittsburgh, Pa.

14230—Steel (Locomotive Boiler)

Carbon Steel Co., ft. 32nd, Pittsburgh, Pa.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Central Iron & Steel Co. (Open Hearth Steel), Harrisburg, Pa.
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Illinois Steel Co., 208 S Lasalle, Chicago, Ill.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Lukens Steel Co., Coatesville, Pa.

14231— Steel (Magnet)

Allen Edgar & Co., Ltd., 718 W Lake, Chicago, Ill.
Atlas Crucible Steel Co. (Axsco Magnet Steel), Dunkirk, N. Y.
See adv index at end of book

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Crowley John A. Co., 120 Liberty, New York
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Cyclops Steel Co., 120 B'way, New York
Halcomb Steel Co., Syracuse, N. Y.
See adv index at end of book
Harvey Arthur C. Co., 374 Congress, Boston, Mass. *See adv index at end of book*
Harrow Spring Co., Milwaukee, Wis.
Hawkridge Bros, 303 Congress, Boston, Mass.
Hess Steel Corp., Penn R. R. & E av, Baltimore, Md.
Holtz Herman A., 2 Madison av, New York
See adv index at end of book

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HERMAN A. HOLZ
2 Madison Ave., New York

Krefeld Steel Co. (Imp.), 50 Church, New York
Latrobe Electric Steel Co., Latrobe, Pa.
Lindenberg Steel Co., 90 West, New York
Ludlum Steel Co., 2 Rector, New York
Midvale Steel & Ordnance Co., Widener bldg, Phila., Pa.
Philadelphia Steel & Forge Co., 50 Church, New York
Tacony Steel Co., Tacony, Phila., Pa.
Wetherell Bros. Co., 31 Oliver, Boston, Mass. *See adv index at end of book*

Steel (Manganese)

See Castings, Manganese Steel

14231a—Steel Merchants, Agents, etc.

Bailey & Allen Co., 122 S Michigan av, Chicago, Ill.
Blancke A. C. & Co., 116 S Michigan av, Chicago, Ill.
Carroll Steel Co., 15 Park row, New York
Comstedt Joseph F. A., 120 B'way, New York
Crouch W. J. Co., 68 Williams, New York
Denman & Davis, 85-91 Lafayette, New York
Federal Export Corp., 42 B'way, New York
Froment & Co., 150 Bank, New York
Gladium Co., 127 Duane, New York
Grant Robert, 233 B'way, New York
Haring Ellsworth, 114 Liberty, New York
Independent Iron & Steel Co., 24 California, San Francisco, Cal.
Liberty Steel Products Co., 233 B'way, New York
McINNES CHARLES E. & CO., Mariner & Merchants bldg, Phila., Pa.
MIDGLEY & PRENTICE, INC., 30 Church, New York *See adv index at end of book*

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Hardware, Steel, Wire, Brass and Copper Products
Midgley & Prentice, Inc.
30 Church St., New York City

New York Iron & Steel Products Co., 143 Chambers, New York
Penna. Steel Export Co., Widener bldg, Phila., Pa.
Plass L. Co., 132 Pearl, New York
Pray Milton, Monadnock bldg, San Francisco, Cal.
Purdy A. R. Co., 125 Christopher, New York
Roechling Electro Steel Co., 173 Lafayette, New York
Scott, Sugden & Lamont, Monadnock bldg, San Francisco, Cal.
Soule Edw. L., Rialto bldg, San Francisco, Cal. *See adv index at end of book*
Steel Products Export Corp., 120 B'way, New York
Street R. R. Co., 541 W Washington blvd, Chicago, Ill.
Swedish Iron & Steel Corp. ("Sisco Excelsior," High Speed; "Sisco" Hollow Drill), 12 Platt, New York
See adv index at end of book
U. S. Steel Products Co., 30 Church, New York
Vought & Wlliams, 365 Greenwich, New York
Wheelock, Lovejoy & Co., Com'l Trust bldg, Phila., Pa.
Wilson E. H. & Co., Com'l Trust bldg, Phila., Pa.

14232—*Steel Mine & Mill Buildings (Constructors of)

CHICAGO BRIDGE & IRON WORKS, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book
Milliken Bros., Staten Island, N. Y.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

14233— Steel (Nickel)

Aborn Steel Co., 22 Clarke, New York
Allen Edgar & Co. (Ltd.) (Chrome Nickel & Nickel, Imp.), 718 W Lake, Chicago, Ill.
Andrews Steel Co., Newport, Ky.
Bethlehem Steel Co., South Bethlehem, Pa.
Bitz-Pierce Co., (Merchants), 2230 E 9th, Cleveland, O.
Boker H. & Co., 101 Duane, New York
Carbon Steel Co., ft 32nd, Pittsburgh, Pa.
Carnegie Steel Co., Carnegie bldg., Pittsburgh, Pa.
Central Steel Co. ("Agathor" Bars, Billets & Slabs), Massillon, O.
Century Steel Co. of America, Poughkeepsie, N. Y.
Colonial Steel Co. (Bars, Plates & Sheets), **324 4th av, Pittsburgh, Pa.**
Crowley John A. Co., 120 Liberty, New York
Crucible Steel Company of America (Rerolled, etc), **Oliver bldg, Pittsburgh, Pa.**
Cyclops Steel Co. 120 B'way, New York
DICKEY STEEL CO. THE (Nickel, Chrome Nickel & Chrome Vanadium), 229 B'way, New York
Electrical Alloy Co. ("Phoenix" Ribbon, Strips & Wire), Morristown, N. J.
Electro Steel Co. (Electric Furnace & Chrome Nickel), Curry bldg, Pittsburgh, Pa.
FRASSE PETER A. & CO. (INC.), 417 Canal, New York; Works: Hartford, Conn. *See adv index at end of book.*
Hammond Steel Co., Inc., The, Solvay, N. Y.
Harrow Spring Co., Milwaukee, Wis.
Harvey Arthur C. Co., 374 Congress, Boston, Mass. *See adv index at end of book*
Hawkridge Bros. Co., 303 Congress Boston, Mass.
Hess Steel Corp. (Also Chrome Nickel Steel), Penn R. R. & E av, Baltimore, Md.
Mesta Machine Co., (Castings, Forgings, etc.), Pittsburgh, Pa.
See adv index at end of book
Midvale Steel & Ordnance Co., Widener bldg, Phila., Pa.
Philadelphia Steel & Forge Co., 50 Church, New York
Pittsburgh Tool Steel Wire Co. (Drawn for Shafts, Axles, Bolts, etc.), Monaca, Pa.
Tacony Steel Co., Tacony, Phila., Pa.
United Alloy Steel Corp. (Billets, Slabs & Merchant Bars), Canton, O.
Wyoming Shovel Works (Also Nickel Chrome), Wyoming, Pa.

14234— Steel (Non-Magnetic)

Alloy Steel Forging Co., Carnegie, Pa.

Steel Pipe

See Pipe & Tube Mills

Steel Plate

See Iron & Steel Boiler & Tank Plate; also Steel Fire Box Plate

14235— Steel Plate Work

Allentown Boiler Works, Allentown, Pa.
American Iron Works, Louisville, Ky.
Atlantic Works, 80 Border, East Boston, Mass.
ATLAS ENGINEERING CO., Amherst, O.
See adv index at end of book
Baltimore Dry Dock & Ship Bldg Co., Locust Point, Baltimore, Md.
Bass Foundry & Machine Co., Fort Wayne, Ind.
Beckley Perforating Co. (Light), Garwood, N. J.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Blaw-Knox Co., Farmers' Bank bldg, Pittsburgh, Pa.
Boom Boiler & Welding Co., 1615 Merwin av, Cleveland, O.
Brennan John & Co., 24th & M. C. R. R., Detroit, Mich.
Buckeye Boiler Co., Dayton, O.
Casey-Hedges Co., Chattanooga, Tenn.
CHICAGO BRIDGE & IRON WORKS, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book
Coatesville Boiler Works, Coatesville, Pa.
Cole R. D. Mfg. Co., Newman, Ga.
Columbiana Boiler Co., Columbiana, O.
Connellsville Iron Works, Connellsville, Pa.
Connelly D. Boiler Co., Ivanhoe rd & N. Y. & St. L. R. R., Cleveland, O.
Connery & Co., 2d & Luzerne, Phila., Pa.
Cox & Sons Co., 5th & Chestnut, Phila., Pa. Works: Bridgeton, N. J.
Cruse-Kemper Co., Ambler, Pa.
Daly M. J. & Sons, Waterbury, Conn.
DOVER BOILER WORKS. Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book.*
Drake-Williams-Mount Co., Omaha, Neb.
Duff Patents Co., Frick bldg, Pittsburgh, Pa.
East End Boiler Works, 13 St. Aubin av, Detroit, Mich.
Ervien Chas. W. & Co., Venango & G, Phila., Pa.
FABRICATED STEEL PRODUCTS CORP., Box 300, Leetonia, O.
See adv index at end of book
Geis & Bichler, St. Joseph, Mo.
GERDES & CO., 42 Church, New York
See adv index at end of book
Graver Wm. Tank Works, East Chicago, Ind.
HAMMOND IRON WORKS, Warren, Pa.
See adv index at end of book
Hartley Boiler Works, Montgomery, Ala.
HARVEY ARTHUR C. CO., 374 Congress, Boston, Mass.
Heggie James G. & Sons, Joliet, Ill.
Heggie W., Joliet, Ill.
Heltzel Steel Form & Iron Co., Warren, O.
See adv index at end of book
Hibben & Co., 9376 Ewing av, Chicago, Ill.
Hodge Boiler Works, 99 Sumner, E Boston, Mass.
Holmes Robt. & Bros. Danville, Ill.
Independent Bridge Co., 829 Beaver av, Pittsburgh, Pa.
Iowa Steel & Iron Works, Cedar Rapids, Ia.
Ironton Punch & Shear Co., Ironton, O.
Jackson & Church Co., Saginaw, Mich.
Johnston Bros., Ferrysburg, Mich.
Kansas City Structural Steel Co., Kansas City, Mo.
Kittoe Boiler & Tank Co. (Inc.), Canton, Ohio
Lacy Mfg. Co. (Of Any Description), Los Angeles, Cal.
Lancaster Iron Works, Lancaster, Pa.
Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.
Leetonia Boiler Co., Leetonia, O.
Leslie Elliott & Co., Paterson, N. J.

STEEL PLATE WORK—continued
Lindsay W. W. & Co., Harrison bldg, Philadelphia, Pa.
Logan Iron Works, 54 Commercial, Brooklyn, N. Y.
Lookout Boiler Mfg. Co., Chattanooga, Tenn.
McDermott Engineering Co., Allentown, Pa.
McNeil Jas. & Bro. Co., Pittsburgh, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Meehan Boiler & Const. Co., Lowellville, Ohio
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Meyer Otto C. & Co., 30 Franklin, Brooklyn, N. Y.
Michelmann Steel Construction Co., Quincy, Ill.
Mitchell-Tappen Co., 15 John, New York
Munroe R. & Sons Mfg. Corp., 23rd & Smallman, Pittsburgh, Pa.
Murray Iron Works Co., Burlington, Ia.
Nashville Bridge Co., Nashville, Tenn.
National Boiler & Sheet Iron Works, Indianapolis, Ind.
New England Iron Works Co., Summer, Boston, Mass.
Niles Forge & Mfg. Co., Niles, O.
Novelty Steam Boiler Works (Tripplett & Jennings, Props.), 917 S Howard, Baltimore, Md.
Oil City Boiler Works, Oil City, Pa.
PENN FOUNDRY & MFG. CO., Reading, Pa. *See adv index at end of book*
Penna. Engineering Wks., New Castle, Pa.
Petroleum Iron Works Co., Sharon, Pa.
Petty J. K. & Co. (Lebanon Boiler Works), Stephen Girard bldg, Phila., Pa.
Phoenix Iron Works Co., Meadville, Pa.
ITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Pollock Wm. B. Co., Youngstown, O.
Puget Sound Boiler Works, Seattle, Wash.
Quaker City Iron Works, Tioga & Edgemont, Philadelphia, Pa.
Renneburg E. & Sons Co., 2639 Boston, Baltimore, Md.
Republic Structural Iron Works Co., 1350 E 53d, Cleveland, O.
Riter-Conley Co., Pittsburgh, Pa.
Roberts Iron Works Co., Cambridge, Mass.
Rock Island Bridge & Iron Works, Rock Island, Ill.
Ruemmell-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
Russell Daniel Boiler Works, 93 Boston, Boston, Mass.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa.
See adv index at end of book
Scannell Boiler Works, Lowell, Mass.
Schofield's J. S. Sons Co., Macon, Ga.
Smith Samuel & Son Co., Paterson, N. J.
Southern Boiler & Tank Works, Memphis, Tenn.
Speirs Bros., New London, Conn.
Sprenger Joseph & Sons, Detroit, Mich.
Springfield Boiler Co., Springfield, Ill.
Stacey Mfg. Co., Township av, Elmwood, & Big 4 R. R., Cincinnati, O.
Standard Boiler & Plate Iron Co., Niles, O.
Struthers-Wells Co. (Riveted & Welded for Oil Refineries, Sugar Refineries, Soap Factories, Wood Alcohol & Turpentine Plants), Warren, Pa.
See adv index at end of book
Tippett & Wood, Philipsburg, N. J.
Titusville Iron Co., Titusville, Pa.
Tofte Boiler & Sheet Iron Works, Houston, Texas
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Tulsa Boiler & Machny. Co., Tulsa, Okla.
TURL IRON & CAR CO. (INC.), THE, 50 Broad, New York. Works: Newburgh, N. Y.
Twin City Boiler Works, Bristol, Va.
Union Iron Works, Hoboken, N. J.
United Boiler Heating & Foundry Co., Hammond, Ind.
Utica Steam Engine & Boiler Works, Utica, N. Y.
Variety Iron & Steel Works Co., Hamilton av & E 40th, Cleveland, O.
WALSH & WEIDNER BOILER CO., Chattanooga, Tenn.
See adv index at end of book
Walsh's Holyoke Steam Boiler Works, Holyoke, Mass.
Warren City Tank & Boiler Co., Warren, O.
Western Drop Forge Co., P. O. Box 386, Marion, Ind.
Western Iron & Foundry Co., Wichita, Kans.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Wetherill Robt. & Co., Chester, Pa.
Wholey Boiler Works, 95 Whipple, Providence, R. I.
Wilson Steam Boiler Co., Omaha, Neb.

Steel Plates & Heads (Sheared)

See Boiler Heads, Flanged & Dished

14236—Steel Plates & Sheets

Aetna Steel Products Co., Inc., 30 Church, New York
Allegheny Steel Co., Oliver bldg, Pittsburgh, Pa.
Alloy Steel Forging Co., Carnegie, Pa.
ALLOY STEEL PRODUCTS CORP., 30 Church, New York
See adv index at end of book
AMERICAN STEEL & WIRE CO., (Bessemer & Open Hearth) 208 S La Salle, Chicago, Ill. *See adv index at end of book*
American Tube & Stamping Co., Bridgeport, Conn.
Bethlehem Steel Co., Steelton, Pa.; & Sparrows Point, Md.
Brier Hill Steel Co., Youngstown, Ohio
Central Iron & Steel Co., Harrisburg, Pa.
Colonial Iron Wks Co., 881-885 E 67th, Cleveland, Ohio
Crucible Steel Co. of America (Special Quality of Crucible & Open Hearth), Oliver bldg, Pittsburgh, Pa.
Forged Steel Wheel Co., Pittsburgh, Pa.
See adv index at end of book
Halcomb Steel Co., Syracuse, N. Y.
Harvey Arthur C. Co., 374 Congress, Boston, Mass.
See adv index at end of book
Horner W. S. & Co., Oliver bldg, Pittsburgh, Pa.
Illinois Steel Co., 208 S La Salle, Chicago, Ill.
Inland Steel Co. (Light Open Hearth), 1st National Bank bldg, Chicago, Ill.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
La Belle Iron Works (No. 30 & Heavier), Steubenville, O.
Lackawanna Steel Co., Buffalo, N. Y.
Lukens Steel Co. (Open Hearth, Plates Only), Coatesville, Pa.
Mahoning Valley Steel Co., Niles, Ohio
Massillon Rolling Mill Co., Massillon, O.
Midvale Steel & Ordnance Co., Widener bldg, Phila., Pa.
Nagle Steel Co., Pottstown, Pa.
Ohio Corrugating Co., Warren, O.
Otis Steel Co. (Open-Hearth Steel Plates & Sheets), Leader-News bldg, Cleveland, O.
Republic Iron & Steel Co. (Open Hearth, Soft & Hard Merchants, Plates Only), Youngstown, O.
RYERSON JOS. T. & SON, 2558 W 16th, Chicago, Ill.
See adv index at end of book
Sheffield Works Inc., 86 Warren, New York
See adv index at end of book
Turl Iron & Car Co. (Inc.), The, 50 Broad, New York. Works: Newburgh, N. Y.
Union Iron & Steel Co., 1610 Reading rd, Cincinnati, Ohio
West Penn Steel Co., Brackenridge, Pa.
WETHERELL BROS CO. (Carbon Steel), 31 Oliver, Boston, Mass.
See adv index at end of book
Whitaker-Glessner Co. (Light & Heavy Sheets), Wheeling, W. Va
Wood Alan Iron & Steel Co. ("A. W.", Iron & Steel, Flue & Plate), Widener bldg, Phila., Pa.
Youngstown Sheet & Tube Co., Youngstown, Ohio

Steel (Plow)

See Steel, Agricultural Implement

14237—Steel (Powder Keg)

American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.
Horner W. S. & Co., Oliver bldg, Pittsburgh, Pa.
Wood J. & Bros. Co., Conshohocken, Pa.

14238— Steel (Pressed)

See also Pressed Steel Specialties

American Tube & Stamping Co., Bridgeport, Conn.
Berger Mfg. Co. (Metal Lumber), Canton, Ohio
BOSSERT CORPORATION (THE), (Joints, Universal Pressed Steel Ball Joints, Joint Housings), Utica, N. Y.
Boston Pressed Metal Co., 169 Union, Worcester, Mass.
DAHLSTROM METALLIC DOOR CO., 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis. *See adv index at end of book*

CLASSIFICATIONS which are marked thus (*) are not Standard Classifications and are only used for those concerns who advertise or pay for Bold Face Listings. Other concerns in similar lines of business will always be found under the Standard Classifications.

Cold Drawn Screw Stock and Shafting

AGENTS FOR FITZIMMONS CO.

Warehouse Stock at Boston

WETHERELL BROS. CO. 31 Oliver St., Boston, Mass.

Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
National Pressed Steel Co., Massillon, O.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.
Worcester Pressed Steel Co. (Bearings, Fittings & Specialties), Worcester, Mass.
Youngstown Pressed Steel Co. (Goods to Order), Youngstown, Ohio

Steel Rails

See Rail Mills, Iron & Steel

14239—Steel (Range Boiler)

American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.
Wood Alan Iron & Steel Co ("A. W."), Widener bldg, Phila., Pa.

Steel Ribs & Lagging

See Centering, Steel

Steel Roofing

See Roofing & Siding, Iron & Steel

14240—Steel (Safe & Vault)

Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Colonial Steel Co. (5 Ply), 324 4th av, Pittsburgh, Pa.

14241— Steel (Saw)

Colonial Steel Co., 324 4th av, Pittsburgh, Pa.
Kaufman E. & Co., Farmers Bank bldg, Pittsburgh, Pa.
Sheffield Works Inc., 86 Warren, New York
See adv index at end of book

14242— Steel Screw Stock

AMERICAN STEEL & WIRE CO. (Free Cutting), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Columbia Steel & Shafting Co., Pittsburgh, Pa.
Compressed Steel Shafting Co., 393 Dorchester av, Boston, Mass.
Frasse Peter A. & Co. Inc., 417 Canal, New York; Works: Hartford, Conn.
See adv index at end of book
Pittsburgh Shafting Co. of Detroit (Cold Rolled), Detroit, Mich.
Standard Gauge Steel Co. (Cold Drawn Steel), Beaver Falls, Pa.
Union Drawn Steel Co. (Cold Drawn), Beaver Falls, Pa.
WETHERELL BROS. CO., 31 Oliver, Boston, Mass.
See adv index at end of book

14243—Steel (Self-Hardening)

Firms marked with a (*) Star are either Jobbers or Importers

Atlas Crucible Steel Co. (L X X High Speed Steel), Dunkirk, N. Y.
See adv index at end of book
Bethlehem Steel Co. (Open Hearth), South Bethlehem, Pa.
Columbia Tool Steel Co., 552 W Lake, Chicago Heights, Ill.
Crucible Steel Co. of America ("Park's"), Oliver bldg, Pittsburgh, Pa.
Cyclops Steel Works Co., 120 B'way, New York
Firth-Sterling Co., McKeesport, Pa.
FRASSE PETER A. & CO. (INC.), 417 Canal, New York; Works: Hartford, Conn. *See adv index at end of book*
*Harvey Arthur C. Co., 374 Congress, Boston, Mass.
See adv index at end of book
Hawkridge Bros, Co., 303 Congress, Boston, Mass.
*Hobson-Houghton & Co. ("Soho" Imp.), 83 Beekman, New York
*Houghton & Richards, 145 Oliver, Boston, Mass.
Illingworth Jno. Steel Co., Tacony & Lewis, Phila., Pa.
***JESSOP WM. & SONS (INC.)** (Imp.), 91 John, New York
See adv index at end of book
*Jones B. M. & Co. Inc. ("Mushet"), 141 Milk, Boston, Mass.
Latrobe Electric Steel Co., Latrobe, Pa.
*Rossell Henry ("Invanhoe," Made in Sheffield, England), 24 S Jefferson, Chicago, Ill.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Vulcan Crucible Steel Co., Aliquippa, Pa.

14244— *Steel Shapes

See also Steel Structural Mills

Laclede Steel Co., Federal Reserve Bank bldg, St. Louis, Mo.
National Drawn Steel Co., East Liverpool, O.
Union Rolling Mill Co., Aetna rd & E 82d, Cleveland, Ohio
WARD'S EDGAR T. SONS CO., 44-54 Farnsworth, Boston, Mass.
See adv index at end of book

14244a—*Steel Shapes (Pressed)

Heltzel Steel Form & Iron Co., Warren, O.
See adv index at end of book
INTERIOR METAL MFG. CO., Jamestown, N. Y.
See adv index at end of book

14244b— Steel Sheet

See also Iron & Steel Sheet, Black & Galvanized & Steel Plates & Sheets

HARVEY ARTHUR C. CO., 374 Congress, Boston, Mass. *See adv index at end of book*

14245— Steel Sheet Bars

Allegheny Steel Co. (Open Hearth), Oliver bldg, Pittsburgh, Pa.
Andrews Steel Co. (Open Hearth), Newport, Ky.
Ashland Steel Co. (Bessemer Steel Sheet), Ashland, Ky.
Cambria Steel Co., Widener bldg, Phila., Pa.
Carnegie Steel Co. (Bessemer & Open Hearth), Carnegie bldg, Pittsburgh, Pa.
Central Steel Co. ("Agathon," Bars, Billets and Slabs), Massillon, O.
Follansbee Bros. Co. (Open Hearth), Pittsburgh, Pa.
Harrisburg Pipe & Pipe Bending Co. (Open Hearth), Harrisburg, Pa.
Illinois Steel Co., 208 S La Salle, Chicago, Ill.
Inland Steel Co. (Open Hearth), First Nat'l Bank bldg, Chicago, Ill.
JESSOP WM. & SONS, INC., 91 John, New York *See adv index at end of book*
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
La Belle Iron Works (Open Hearth), Steubenville, O.
Lackawanna Steel Co. (Open Hearth, Bessemer), Buffalo, N. Y.
Pigott Thos. E., 632 Frankford av, Cleveland, O.
Reeves Mfg. Co., Dover, Ohio
Republic Iron & Steel Co. (Open Hearth & Bessemer), Youngstown, O.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Sharon Steel Hoop Co. (Open Hearth), Sharon, Pa.
United Alloy Steel Corp. (Open Hearth), Canton, O.
West Penn Steel Co., Brackenridge, Pa.
Youngstown Sheet & Tube Co. (Soft Bessemer and Open-hearth; also Iron), Youngstown, O.

14246—*Steel Sheet Blanking & Forming

ALLOY STEEL PRODUCTS CORP., 30 Church, New York
See adv index at end of book

14247— Steel Sheet Plates

Horner W. S. & Co., Oliver bldg, Pittsburgh, Pa.
Massillon Rolling Mill Co., Massillon, O.

14248—Steel Sheets (Aluminum Coated)

Wilder Metal Coating & Mfg. Co. (Also Iron), Connellsville, Pa.

14249—Steel Sheets (Blue Annealed)

Andrews Steel Co. Newport, Ky.
Berger Mfg. Co., Canton, O.
DE FOREST SHEET & TIN PLATE CO., Niles, Ohio *See adv index at end of book*
Ferguson Steel & Iron Co., Inc., Buffalo, N. Y.
Follansbee Bros. Co., Pittsburgh, Pa.
Harvey Arthur C. Co., 374 Congress, Boston, Mass.
See adv index at end of book
Horner W. S. & Co., Oliver bldg, Pittsburgh, Pa.
Inland Steel Co. (Open Hearth), First Nat'l Bank bldg, Chicago, Ill.
Judson Mfg. Co., 819 Folsom, San Francisco, Cal.
King H. B. Sales Agency, 244 California, San Francisco, Cal.
La Belle Iron Works (Open-Hearth Steel Plates, 3-16 to 18 Gauge), Steubenville, O.
MERCHANT & EVANS CO., 2035 Washington av, Phila., Pa.
See adv index at end of book
Ohio Corrugating Co., Warren, O.
Otis Steel Co., Leader-News bldg, Cleveland, O.
Parkersburg Iron & Steel Co., Parkersburg, W. Va.
Phillips Sheet & Tin Plate Co., Weirton, W. Va.
Reeves Mfg. Co., Dover, Ohio
RYERSON JOS. T. & SON, 2558 W 16th, Chicago, Ill.
See adv index at end of book
Seneca Iron & Steel Co., Buffalo, N. Y.
Sharon Steel Hoop Co. (Basic Open Hearth), Sharon, Pa.
SOULE EDW. L. CO. (Iron & Steel Products of all Kinds), Rialto bldg, San Francisco, Cal.
See adv index at end of book
Stark Rolling Mill Co. (Open Hearth Steel), Canton, O.
Trumbull Steel Co., Warren, O.
Whitaker-Glessner Co. (8 to 16 Gauges, Up to 54 inches), Wheeling, W. Va.
Wood Alan Iron & Steel Co. ("A. W."), Widener bldg, Phila., Pa.
Wood J. & Bros. Co., Conshohocken, Pa.

14250—Steel Sheets (Box Annealed)

American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.
Inland Steel Co., First Nat'l. Bank bldg, Chicago, Ill.
La Belle Iron Works, Steubenville, O.
McCullough Iron Co., Equitable bldg, Wilmington, Del.
Mahoning Valley Steel Co., Niles, Ohio
Massillon Rolling Mill Co., Massillon, Ohio
Otis Steel Co., Leader-News bldg, Cleveland, O.
Reeves Mfg. Co., Dover, Ohio
Seneca Iron & Steel Co., Buffalo, N. Y.
Sharon Steel Hoop Co. (Basic Open-Hearth), Sharon, Pa.
Stark Rolling Mill Co., Canton, O.
Trumbull Steel Co., Warren, O.
Whitaker-Glessner Co., Wheeling, W. Va.

14251-2—Steel Sheets (Buggy Bow)

American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.
Canton Sheet Steel Co., Canton, O.
Follansbee Bros. Co., Pittsburgh, Pa.
Horner W. S. & Co., Oliver bldg, Pittsburgh, Pa.
Mansfield Sheet & Tin Plate Co., Mansfield, O.
Massillon Rolling Mill Co., Massillon, Ohio
Reeves Mfg. Co., Dover, Ohio
West Penn Steel Co. (Open Hearth), Brackenridge, Pa.
Whitaker-Glessner Co. ("Black"), Wheeling, W. Va.

Steel Sheets (Cold Rolled)

See Firms in Steel, Cold Rolled, with word "Sheets" following their names

14253—Steel Sheets (Copper Bearing)

Whitaker-Glessner Co. (Ohio Metal), Wheeling, W. Va.

14254—Steel Sheets (Enameled)

Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.

14254a— Steel Sheets for Shovels, Saws, Hoes, Springs, Etc.

American Sheet & Tin Plate Co. (Shovels, Hoes, etc), Frick bldg, Pittsburgh, Pa.
HALCOMB STEEL CO. (For Saws, Springs, Cutlery, etc.), Syracuse, N. Y.
See adv index at end of book
Harvey Arthur C. Co., 374 Congress, Boston, Mass.
See adv index at end of book
Kaufman E. & Co., Farmers Bank bldg, Pittsburgh, Pa.
Reeves Mfg. Co., Dover, Ohio
Rowland Wm. & Harvey, Tacony & Lewis, Phila., Pa.
WETHERELL BROS. CO., 31 Oliver, Boston, Mass.
See adv index at end of book

Steel Sheets for Stamped Ware

See Iron & Steel Sheet, Black & Galvanized

Steel Sheets (Galvanized)

See Iron & Steel Sheet, Black & Galvanized

14255— Steel Sheets (Impervious Coated)

Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.

14256—Steel Sheets ("Lohmanized")

Brier Hill Steel Co., Youngstown, O.
De Forest Sheet & Tin Plate Co. (Non-Corrosive), Niles, O.
See adv index at end of book

14257—Steel Sheets (Pickled)

Allegheny Steel Co. (Cold Rolled), Oliver bldg, Pittsburgh, Pa.
American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.
Harvey Arthur C. Co., 374 Congress, Boston, Mass.
See adv index at end of book
Inland Steel Co., First Natl Bank bldg, Chicago, Ill.
Jessop Steel Co., Washington, Pa.
Mahoning Valley Steel Co., Niles, Ohio
Mansfield Sheet & Tin Plate Co., Mansfield, O.
Massillon Rolling Mill Co., Massillon, O.
Otis Steel Co., Leader-News bldg, Cleveland, O.
Reeves Mfg. Co., Dover, Ohio
Seneca Iron & Steel Co. (For Sheet Metal Stampings, etc), Buffalo, N. Y.
Stark Rolling Mill Co., Canton, O.
West Penn Steel Co. (Open Hearth), Brackenridge, Pa.
Wood Alan Iron & Steel Co. ("A. W."), Widener bldg, Phila., Pa.
Wood J. & Bros. Co., Conshohocken, Pa.

14258—Steel Sheets (Planished & Polished)

American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.
Carnahan Tin Plate & Sheet Co. (Polished), Canton, O.
Follansbee Bros. Co., Pittsburgh, Pa.
Harvey Arthur C. Co., 374 Congress, Boston, Mass.
See adv index at end of book
Mansfield Sheet & Tin Plate Co. (Polished Only), Mansfield, O.
Massillion Rolling Mill Co. (Polished, also for Stove Purposes), Massillon, O.
MERCHANT & EVANS CO., 2035 Washington av., Phila., Pa.
See adv index at end of book
Ohio Corrugating Co., Warren, O.
Phillips Sheet & Tin Plate Co. (Polished), Weirton, W. Va.
RYERSON JOS. T. & SON, 2558 W 16th, Chicago, Ill.
See adv index at end of book
Whitaker-Glessner Co. (Wheeling Corrugating Dept.) ("Crescent"), Wheeling, W. Va.

14259-60— Steel Sheets (Re-Annealed)

Massillon Rolling Mill Co., Massillon, Ohio
Reeves Mfg. Co., Dover, Ohio
Stark Rolling Mill Co., Canton, O.
West Penn Steel Co. (Open Hearth), Brackenridge, Pa.

14261-2— Steel Shovel Plate

DE FOREST SHEET & TIN PLATE CO., Niles, O. *See adv index at end of book*
Harrisburg Pipe & Pipe Bending Co., Harrisburg, Pa.
Indiana Rolling Mill Co. (High Carbon Sheet Steel for Shovel Plate, Grain Drill & Harrow Discs, etc), New Castle, Ind.
Kaufman E. & Co., Farmers Bank bldg., Pittsburgh, Pa.
La Belle Iron Works, Steubenville, O.
Lessig Geo. B. Co., Pottstown, Pa.
Tremont Nail Co., West Wareham, Mass.
Wyoming Shovel Works, Wyoming, Pa.

Steel Skelp

See Iron & Steel Skelp

Steel Slabs

See Billets, Blooms & Slabs, Steel

14263— Steel (Soft)

Cambria Steel Co. (Bars, Plates & Shapes), Widener bldg, Phila., Pa.
Canton Sheet Steel Co. ("Winir" Open-Hearth Extra Soft Sheets), Canton, O.
Carbon Steel Co., ft. 32nd, Pittsburgh, Pa.
Central Steel Co. ("Agathon" Bars, Billets and Slabs), Massillon, O.
Columbia Steel & Shafting Co. (Hot & Cold Rolled Strip for Stamping, Drawing, etc), Pittsburgh, Pa. Works: Carnegie, Pa.
Crucible Steel Co. of America ("Diamond," Soft Center Plow, etc), Oliver bldg, Pittsburgh, Pa.
Elliott-Blair Steel Co. (Bright Dead for Sewing Machine, Typewriter & Bicycle Parts, etc), New Castle, Pa.
Heltzel Steel Form & Iron Co., Warren, O.
See adv index at end of book
Inland Steel Co. (Bars, Plates, Shapes, Sheets, etc.), First Nat'l Bank bldg, Chicago, Ill.
Interstate Iron & Steel Co. (Flats, etc) 1st Nat. Bank bldg, Chicago, Ill.
Laclede Steel Co., Federal Reserve Bank bldg, St. Louis, Mo.
Lockhart Iron & Steel Co. (In Bars, Hexagons & Grooved, etc), Pittsburgh, Pa.
Midvale Steel & Ordnance Co. (For Screw Machine Work, etc.), Widener bldg, Phila., Pa.
Moline Plow Co. ("Flying Dutchman" "Acme" Soft Center Plow), Moline, Ill.
New England Drawn Steel Co. (Screw & Shafting), Mansfield, Mass.
Pardee C. Works (Open Hearth), Perth Amboy, N. J.
Parkersburg Iron & Steel Co. ("National" Bessemer Sheets Re-Annealed), Parkersburg, W. Va.
Republic Iron & Steel Co. (Open Hearth), Youngstown, O.
Rockaway Rolling Mill (Bar), Rockaway, N. J.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*

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Superior Steel Co. (Hot & Cold Rolled Hard & Soft for Stamping & Drawing), Carnegie, Pa.
Sweets Steel Co. (Open Hearth), Williamsport, Pa.
Taylor N. & G. Co., Mariners & Merchants bldg, Phila., Pa.
Union Rolling Mill Co. (Bars, etc.), Aetna rd & E. 82d, Cleveland, O.
United Alloy Steel Corp. (Merchant Bars), Canton, O.
Wood Alan Iron & Steel Co. (Blue Annealed Sheets & Special Soft Steel for Deep Stamping & Drawing), Widener bldg, Phila., Pa.
Wood J. & Bros. Co. (Sheets), Conshohocken, Pa.

14264— Steel (Spring)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
American Tube & Stamping Co., Bridgeport, Conn.
Athenia Steel Co. (Tempered & Polished for Clock, Watch, Motor & Typewriter Springs), 135 William, New York
Bethlehem Steel Co. (Open Hearth), South Bethlehem, Pa.
Braeburn Steel Co., Braeburn, Pa.
Cambria Steel Co. ("Enduria" & "Resilia"), Widener bldg, Phila., Pa.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Central Steel Co. ("Agathon," Bars, Billets & Slabs), Massillon, Ohio
Crowley John A. Co., 120 Liberty, New York

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Crucible Steel Co. of America (Crucible Open Hearth), Oliver bldg, Pittsburgh, Pa.
Farist Steel Co. (Open Hearth & Crucible), Bridgeport, Conn.
FRASSE PETER A. & CO. (Inc.), 417 Canal, New York; Works: Hartford, Conn. *See adv index at end of book*
Harrow Spring Co. (Milled Bars & Rods), Milwaukee, Wis. Works: Kalamazoo, Mich.
HARVEY ARTHUR C. CO., 374 Congress, Boston, Mass.
See adv index at end of book
Judson Mfg. Co. (Crucible & Open Hearth), 819 Folsom, San Francisco, Cal.
Latrobe Electric Steel Co., Latrobe, Pa.
Merchant & Evans Co., 2035 Washington av, Phila., Pa.
See adv index at end of book
Midvale Steel & Ordnance Co., Widener bldg, Phila., Pa.
Newman C. Wire Co. (Annealed, Tempered, Tempered & Polished, etc., Flat), 2 Church, New York
Patriarche & Bell (Jobbers), 215 Pearl, New York
Pigott Thos. E., 632 Frankford av, Cleveland, O.
Pittsburgh Cold Rolled Steel Co., 39th & P. R. R., Pittsburgh, Pa.
Railway Steel Spring Co., 30 Church, New York
Republic Iron & Steel Co., Youngstown, O.
Sheffield Works, Inc., 86 Warren, New York. *See adv index at end of book*
Sweets Steel Co. (Open Hearth), Williamsport, Pa.
Tacony Steel Co., Tacony, Phila., Pa.
United Alloy Steel Corp., Canton, O.
Vulcan Crucible Steel Co., Aliquippa, Pa.
WARD'S EDGAR T. SONS CO., 44-54 Farnsworth, Boston, Mass.
See adv index at end of book
Wetherell Bros. Co. (Sheet), 31 Oliver, Boston, Mass. *See adv index at end of book.*
Wyoming Shovel Works (Open-Hearth & Crucible), Wyoming, Pa.

Steel Stacks

See Stacks, Steel; also Chimneys, Steel

14265— Steel Strips (Stamping, Pickled)

Erie Metal Products Co., Erie, Pa.
Harrisburg Pipe & Pipe Bending Co., Harrisburg, Pa.

14266—Steel Structural Dealers

Allen W. H., Jr., 110 State, Boston, Mass.
Austin & Doten, 102 North, Boston, Mass.
Bacon & Co., 107 Oliver, Boston, Mass.
Bailey & Allen Co., 122 S Michigan blvd, Chicago, Ill.
Baily R. M. & Co., Commercial Trust bldg, Phila., Pa.
Balfour, Guthrie & Co., San Francisco, Cal.
Belmont Iron Works, 22d & Wash av, Phila., Pa.
Blodgett & Clapp Co., 1417 Main, Hartford, Conn.
Brooks T. H. & Co., Cleveland, O.
Brown-Wales Co., 489 C, Boston, Mass.
Bourne-Fuller Co., Hickox bldg, Cleveland, O.
Castle A. M. & Co., 1300 N Branch, Chicago, Ill.
CHICAGO BRIDGE & IRON WORKS, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book
Christopher & Simpson Iron Works Co., 9th & Park av. St. Louis, Mo.
Claycraft Builders' Supply Co., Hartman bldg, Columbus, O.
Cooke Jno. K. & Son, Athenia, N. J.
Davenport Machine & Foundry Co., Davenport, Ia.
Davies Jno. J. & Co., 20th & Clearfield, Phila., Pa.
Decatur Cornice & Roofing Co., New Decatur, Ala.
De Cou Richard Co., 12th & Noble, Phila., Pa.
Dietrich Bros., Pleasant & Davis, Baltimore, Md.

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Faitoute Iron & Steel Co., 180 Frelinghuysen av, Newark, N. J.

Ferguson Steel & Iron Co., Bailey & B'way, Buffalo, N. Y.

Fishel & Marks Co., 3013 E 55th, Cleveland, O.

Froment & Co., 150 Bank, New York

Goldberg J. & Son (Second Hand), 7500 Indep av, Kansas City, Mo.

Guerber Engineering Co., Bethlehem, Pa.

Harrington-Robinson & Co., 45 Bromfield, Boston, Mass.

HARVEY ARTHUR C. CO., 374 Congress, Boston, Mass.
See adv index at end of book

Hitner's Henry A. Sons Co., Huntington & Aramingo av, Phila., Pa.

Hofius Steel & Equipment Co., Seattle, Wash.

Holliday W. J. & Co., Indianapolis, Ind.

Houdlette Fred A. & Son, 93 Broad, Boston, Mass.

Houston C. B. & Co., Franklin Bank bldg, Phila., Pa.

Hurwitz Bros. Iron & Metal Co., Syracuse, N. Y.

International Steel & Iron Co., Evansville, Ind.

Jamestown Construction Co., Jamestown, N. Y.

Judson Mfg. Co., 819 Folsom, San Francisco, Cal.

Lehigh Structural Steel Co., Allentown, Pa.

Kansas City Structural Steel Co., Kansas City, Mo.

Kent Iron & Steel Corp., 40 S 8th, Brooklyn, N. Y.

King H. B. Sales Agency, 244 California, San Francisco, Cal.

Kratzer W. N. Co., 3212 Smallman, Pittsburgh, Pa.

Lackawanna Bridge Co., Buffalo, N. Y.

Lederle Robt. B., Witherspoon bldg, Phila., Pa.

Lindsay James G & Co, Commercial Trust bldg, Phila, Pa

Lindsay W. W. & Co., Harrison bldg, Phila., Pa.

Lockwood Arthur J., 304 Hudson, New York

McINNES CHARLES E. & CO., Mariner & Merchants bldg, Phila., Pa.

Mesker Geo. L. Co., Evansville, Ind.

Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.

Morris Wheeler & Co., 1608 Market, Phila., Pa.

Morse & Son Co., 1881 E 87th, Cleveland, O.

Mt. Carmel Iron Works, Mt. Carmel, Pa.

Muncie Ornamental Iron Works, Muncie, Ind.

Newkirk John B. & Co., 1502 Market, Phila., Pa.

Noble Electric Steel Co., 995 Market, San Francisco, Cal.

Northwest Steel Co., ft. of Sheridan, Portland, Ore.

Ogden & Wallace, 577 Greenwich, New York

PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book

Providence Steel & Iron Co., Kinsley av, Providence, R. I.

Republic Structural Iron Works Co., E 53d & Lakeside av, Cleveland, O.

Richmond Structural Steel Co., 18th & Dock, Richmond, Va.

Rieseck Iron Works, 1201 Metropolitan, Pittsburgh, Pa.

Russel Wheel & Foundry Co., Detroit, Mich.

RYERSON JOS. T. & SON, 2558 W 16th, Chicago, Ill.
See adv index at end of book

Schreiber L & Sons Co., 3869 Ivanhoe, Cincinnati, O.

Scully Steel & Iron Co, 2364 S Ashland av, Chicago, Ill.

Smith Samuel Machine Co., Lawrence, Mass.

SOULE EDW. L. CO. (Iron & Steel Products of All Kinds), Rialto bldg, San Francisco, Cal.
See adv index at end of book

Southern Foundry Co. (Beams Cut & Punched), Owensboro, Ky.

Speddy T. H. & Co., 85 2nd, San Francisco, Cal.

Spencer Geo. G., 332 S La Salle, Chicago, Ill.

Thomson W. H. & Co., Land Title bldg, Phila., Pa.

Toy W. M. & Co., 10 E Shelby, Sidney, Ohio

Tulsa Boiler & Machy. Co., Tulsa, Okla.

Union Foundry Works, 38 S Dearborn, Chicago, Ill.

Union Iron & Steel Co., 1610 Reading rd, Cincinnati, O.

Vanderlip H. E. & Co., 19 S La Salle, Chicago, Ill.

Vanderstucken-Ewing Construction Co., Bethlehem, Pa.

Walsh's Sons & Co. (I Beams, etc), Newark, N. J.

West Side Structural Co., Troy, N. Y.

Worden-Allen Co., P. O. Box 528, Milwaukee, Wis.

14267—Steel Structural Mills

See also Steel (Angles, Channels & Shapes)

•Indicates Mills that Fit Structural Work
†Indicates Mills that Roll I Beams

ALLOY STEEL PRODUCTS CORP., 30 Church, New York
See adv index at end of book

•†American Bridge Co. (Open Hearth Steel Angles, Beams, Deck Beams, Channels, Tees, Zees, etc.), 30 Church, New York

American Tube & Stamping Co. (Small Steel Angles, Channels, Tees, etc), Bridgeport, Conn.

†Bethlehem Steel Co. (Bessemer & Open Hearth Angles, Beams, Channels, Tees & Special Wide Flanged Rolled Beams & Girders), South Bethlehem, Pa.

Blaw-Knox Co., Farmers' Bank bldg, Pittsburgh, Pa.

Braun J. G., 609 S Paulina, Chicago, Ill.

Buffalo Steel Co. (Bessemer Steel Angles, Channels, Tees, etc), Tonawanda, N. Y.

Calumet Steel Co. (Bessemer Steel Angles, Channels, Tees, Channel Flats & Small I Beams), 208 S La Salle, Chicago, Ill.
*†Cambria Steel Co. (Bessemer & Open Hearth Steel Angles, Beams, Girders, Channels, Tees, etc), Widener bldg, Phila., Pa.
†Carnegie Steel Co. (Bessemer & Open Hearth Steel Angles, Beams, Girders, Channels, Tees, Zees, etc), Carnegie bldg., Pittsburgh, Pa.
Central Iron & Steel Co. (Universal Bridge & Structural Plates), Harrisburg, Pa.
Chrome Steel Works (Chrome Steel Angles 3, 4, 6 & 8 inch), Chrome, N. J.
Davis Bros. (Small Even Leg Iron Angles, 12 to Inch), 29th & Bristol, Philadelphia, Pa.
De Pere Mfg. Co., West De Pere, Wis.
*†Eastern Steel Co. (Open Hearth Steel Angles, Beams, Channels, Tees, etc), Pottsville, Pa.
Ferguson Steel & Iron Co., Inc. (Angles), Buffalo, N. Y.
Ft. Wayne Rolling Mill Corp. (Small Channels for Fire Escapes, Fences, etc), Ft. Wayne, Ind.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Glasgow Iron Co. (Iron & Steel Bridge Plates), Pottstown, Pa.
Hirsch Rolling Mill Co. (Iron & Steel Angles & Shapes), Ecoff & Manchester, St. Louis, Mo.
*†Illinois Steel Co. (Bessmer & Open Hearth Steel Angles, Beams, Channels, Tees, etc), 208 S La Salle, Chicago, Ill.
INLAND STEEL CO. (Open Hearth & Steel Angles, I Beams, Channels, Tees, etc), 1st Nat. Bank bldg, Chicago, Ill.
Interstate Iron & Steel Co. (Angles, Channels, Tees, etc.), 1st Nat'l Bank bldg, Chicago, Ill. Works: Marion, O.
*†Jones & Laughlin Steel Co. (Angles, Beams, Channels, Tees, etc), Ross, Pittsburgh, Pa.
Judson Mfg. Co. (Structural & Agricultural Shapes), 819 Folsom, San Francisco, Cal.
Kawner Mfg. Co. (Iron & Steel Cold Drawn Channels), Niles, Mich.
*†Lackawanna Steel Co. (Bessemer & Open Hearth Angles, Beams, Channels, Tees, etc), Buffalo, N. Y.
Lockhart Iron & Steel Co. (Bridge Iron & Iron & Steel Angles & Channels), Pittsburgh, Pa.
Logan Iron & Steel Co. (Bridge Iron & Angles), Morris bldg, Phila., Pa.
Lukens Steel Co. (Open Hearth Steel Ship & Bridge Plate), Coatesville, Pa.
Ohio Falls Iron Co. (Small Iron, Angles, Tees & Channels), New Albany, Ind.
Penna. Brake Beam Co. (Deck & I Beams, Brake Beams, etc), Danville, Pa.
*†Phoenix Iron Co. (Open Hearth Steel Angles, Beams, Channels, Tees, etc), 22 S 15th, Philadelphia, Pa. Works: Phoenixville, Pa.
Red Oak Bridge & Iron Works, Red Oak, Ia.
Republic Iron & Steel Co. (Light Steel Angle & Channels; also Open Hearth Steel Angles), Oliver bldg, Pittsburgh, Pa.
SOULE EDW. L. CO. (Iron & Steel Products of All Kinds), Rialto bldg, San Francisco, Cal.
See adv index at end of book
Tennessee Coal, Iron & R. R. Co. (Open Hearth Steel Angles, Channels, Tees, etc), Birmingham, Ala.
Union Rolling Mill Co., Aetna rd & E 82nd, Cleveland. O.
Youngstown Pressed Steel Co. (Cold Formed Angles & Channels), Youngstown, O.

Steel Structural Shapes (Mfrs.)

See Steel Structural Mills

14268—Steel Structural Work

Star (*) indicates Firms who also Build Steel Bridges

ALABAMA.

BIRMINGHAM—Schaefer Mfg. Co.
*Southern Bridge Co.
MONTGOMERY—Hartley Boiler Works
Janney & Co.

CALIFORNIA.

FRESNO—Burnett J. H. Iron Wks.
LOS ANGELES—Llewellyn Iron Works
Mercereau Bridge & Const. Co.
Security Construction Co.
SAN DIEGO—California Iron Works
SAN FRANCISCO—*Bay City Iron Works, 1243 Harrison
Brode Iron Works, 31-37 Hawthorne st
California Artistic Metal & Wire Co., 349 7th
Central Iron Works, 631 Florida
Dean Constr. Co., 491 10th
Dyer Bros. Golden West Iron Works, 17th & Kansas
*Healy-Tibbitts Construction Co.
*Hyde, Harjes & Co., 110 Market
JUDSON MFG. CO., 819 Folsom
Mortenson Construction Co., 19th & Indiana
Pacific Structural Iron Works, 370 10th
Pioneer Construction Co., 180 Jessie
Ralston Iron Works, 20th & Indiana
San Francisco Bridge Co., Nevada Bank bldg
*Thomson Bridge Co., 103 Main
Western Iron Works, 141 Beale
Yuba Mfg. Co., Insurance bldg

COLORADO.

COLORADO SPRINGS—Hassell Iron Wks. Co.
DENVER—*American Bridge Co.
Browne Iron Works Co.
Denver Engineering Works Co.
Queen City Iron & Wire Works Co.
Verdeckberg Iron & Wire Works Co.
*Vulcan Iron Works Co.
PUEBLO—*Pueblo Bridge Co.

CONNECTICUT.

BERLIN—*Berlin Construction Co.
BRIDGEPORT—Bridgeport Boiler Works Co.
LEAKE A. G. ERECTING CO. (Fabricators & Erectors)
Metz Structural Steel Co.
NEW HAVEN—Farmer Jas. E., 41 Judson av
NEW LONDON—*Scott T. A. Co.
WEST HAVEN—*Adlerhurst Iron Co.

DISTRICT OF COLUMBIA.

WASHINGTON—Barber & Ross, 11th & G N-W
Jorss A. F., 315 13th, N W
Schneider's C. A. & Sons, 212 12th

GEORGIA.

ATLANTA—Austin Bros.
Gude & Co.
*Virginia Bridge & Iron Co.
Walker R. M.
Withers Foundry & Machine Works
AUGUSTA—*Lombard Iron Works & Supply Co.
MACON—Schofield's J. S. Sons Co.
NEWMAN—*Cole R. D. Mfg.. Co.
SAVANNAH—Kehoe Iron Works
Steel Products Co.

ILLINOIS.

AURORA—Love Bros.
BATAVIA—*Batavia Engineering Works (Inc.)
CHAMPAIGN—Burr Co.
CHICAGO—*American Bridge Co., W 40th & Princeton
Baily & Allen Co., 122 S Michigan blvd
Benson Chas. A. N. & Co., 1801 N Fairfield av
*Bernhisel Construction Co., 105 W Monroe
Brandes Carl, 1327 Otto
***CHICAGO BRIDGE & IRON WKS.,** 1319 W 105th
For branch offices see adv index at end of book
Chicago Iron & Steel Works, 733 Fulton
*Continental Bridge Co., Monadock Blk
Dauchy Iron Works, 223 W Illinois
Gage Structural Steel Co., 3141 S Hoyne av
Hansell-Elcock Co., Archer & Normal avs
Heinemann Louis & Son, 1801 Belmont av
Holmes, Pyott & Co., 159 N Jefferson
*Illinois Bridge Co., Monadnock blk
*Illinois Steel Co., 208 S La Salle
*Jennet Bridge & Iron Works, 3541 Shields av
*Joliet Bridge & Iron Co., 122 S Michigan av
*Kenwood Bridge Co., 1st National Bank bldg
Klemp-Simpson Co., 326 W Madison
*McClintic-Marshall Construction Co., 1st National Bank bldg
*Morava Construction Co., 85th & Stewart av
Pratt Henry Co., 2222 S Halsted
Scaar Frank & Co., 1042 W 11th
*Scherzer Rolling Lift Bridge Co. (Rolling Lift Bridges), 1616 Monadnock blk
Smith F. P. Wire & Iron Wks., 2340-48 Clybourn av
See adv index at end of book
STEWART JAS. & CO. (INC.) (Mills & Railway Depots), Westminster bldg
Strauss Bridge Co., 104 S Michigan av
*Strobel Steel Construction Co., Monadnock blk
Union Foundry Works, 38 S Dearborn
Vierling Steel Works, 23d & Stewart av
*Wisconsin Bridge & Iron Co., Monadnock blk
CHICAGO HEIGHTS—Steel Fabricating Co. (Sectional Bldgs)
DECATUR—*Decatur Bridge Co.
ELGIN—American Tower & Tank Co.
FREEPORT—*Shons W. H. (Highway Bridges
JACKSONVILLE—*Illinois Steel Bridge Co.
MURPHYSBORO—Egyptian Iron Works
PEORIA—Lucas A. & Sons, 1329 S Washington
PEOTONE—Continental Bridge Co.
PERU—Brunner Foundry & Mfg. Co.
QUINCY—*Michelmann Steel Construction Co.
ROCK ISLAND—*Rock Island Bridge & Iron Works

INDIANA.

BUTLER—Butler Co. (Substructures)
COLUMBUS—*Caldwell & Drake Iron Works
EAST CHICAGO—Graver Wm. Tank Wks.
ELKHART—*Elkhart Bridge & Iron Co.
EVANSVILLE—International Steel & Iron Co.
Mesker Geo. L. & Co.
FORT WAYNE—Engineering Co.
Fort Wayne Foundry & Machine Co.
Meier-Wiese Co.
HAMMOND—Hammond Machine & Forge Works
INDIANAPOLIS—*Central States Bridge Co., 601 Beecher
LAFAYETTE—*Lafayette Engineering Co.
Wallace Machine & Foundry Co. (Also Castings)
MARION—Western Drop Forge Co., P. O. Box 386
MUNCIE—*Indiana Bridge Co.
NEW CASTLE—*Pan-American Bridge Co.
ROCHESTER—*Rochester Bridge Co.
SOUTH BEND—Meyer Foundry & Mfg. Co.
VINCENNES—*Vincennes Bridge Co.

IOWA.

BURLINGTON—Murray Iron Works Co.
CEDAR RAPIDS—*Iowa Steel & Iron Works
CLINTON—*Clinton Bridge Works
DAVENPORT—Davenport Machine & Foundry Co.
***PITTSBURGH-DES MOINES STEEL CO.,** 9th & Tuttle
See adv index at end of book
DES MOINES—*Des Moines Structural Steel Works
*Federal Bridge Co.
*Iowa Bridge Co.
*Stark N. M. & Co.
DUBUQUE—Voggenthaler E. J. Co.
KEOKUK—Keokuk Hydraulic Tire Setter Co.
MUSCATINE—Niver Iron Works Co.
OSKALOOSA—*Seevers Mfg. Co.
OTTUMWA—*Ottumwa Box Car Loader Co. (Steel Structure of All Kinds)

KANSAS.

GALENA—Galena Foundry & Machine Co.
LEAVENWORTH — *Leavenworth Bridge Co. (Bridges Only)
Missouri Valley Bridge & Iron Co. (Bridges Only)
TOPEKA—*Capital Iron Works Co.
*Topeka Bridge & Iron Co.
WICHITA—Christopher Geo. C. & Son
*Western Iron & Foundry Co.

KENTUCKY.

LOUISVILLE—Grainger & Co.
*Louisville Bridge & Iron Co.
*Snead Architectural Iron Works

LOUISIANA.

NEW ORLEANS—Bedell Structural Steel Works
Grimm H. F., Hennen Annes
Sutton Foundry & Structural Steel Works, 2001 Rosseau

MAINE.

BANGOR—Union Iron Works
PORTLAND—Fletcher & Crowell Co.
Megquier & Jones Co.

MARYLAND.

BALTIMORE—Armstrong & Parker, Bath & North
*Bartlett, Hayward Co., Scott & McHenry
*Chesapeake Iron Works, Westport
Dietrich Bros., cor Pleasant & Davis
Patapsco Iron Works, Ostend & Wicomico

MASSACHUSETTS.

BOSTON—*American Bridge Co., 120 Franklin
*Boston Bridge Works, 47 Winter
Eastman H. T. & Co., East Cambridge
Ham L. M. Co., 158 Portland
Harrington-Robinson & Co., 45 Bromfield
*New England Structural Co., 110 State
Phoenix Iron Co, 110 State
Simpson Eugene A., 88 Broad
Smith & Lovett Co., 135 Tyler
Tucker Edw. A. Co., 683 Atlantic av
CAMBRIDGE—Babcock Davis Corp.
CHELSEA—Smith A. L. Iron Works
EVERETT—New England Bolt Co.
*New England Structural Co.
New England Tank & Tower Co. (Towers)
HOLYOKE—Haarmann G. & Co.
Walsh's Holyoke Steam Boiler Wks.
LAWRENCE—Smith Samuel Machine Co., 620 Essex
SPRINGFIELD—Davitt Iron Foundry
Springfield Foundry Co.
Springfield Iron Works
*Walsh's Boiler & Iron Works
WORCESTER—Aykroyd Iron Works, 31 N. Foster
*Eastern Bridge & Structural Co., 88 Cushing
See adv index at end of book

EASTERN BRIDGE & STRUCTURAL CO.
STEEL STRUCTURES
ORNAMENTAL IRON
Cushing Street - Worcester, Mass.

MICHIGAN.

CHARLOTTE—*Beach Mfg. Co.
DETROIT—*American Bridge Co.
Amos Chas. & Co., 640 Hart av
De Croupet Iron Works, 345 Monroe av
*Detroit Bridge & Iron Works, Rouge river
Lewis Henry B., Ferry av & G. T. Ry
National Iron Works
Rohns Albert & Co.
Russel Wheel & Foundry Co.
*Whitehead & Kales Iron Works
KALAMAZOO—Kalamazoo Foundry & Machine Co.
LANSING—Jarvis Engine & Machine Works
*Michigan Bridge & Pipe Co.
MARQUETTE—*Lake Shore Engine Works
SAGINAW—Jackson & Church Co.
Wickes Boiler Co., Siginaw, Mich.

MINNESOTA.

ALBERT LEA—Venness J. W.
MINNEAPOLIS—*American Bridge Co., 629 2nd S E
*Crown Iron Works Co., 1229 Tyler
*Great Northern Bridge Co., Lumber Exch.
Hennepin Bridge Co., 968 Laurel
*Minneapolis Bridge Co., Metropolitan Life bldg
*Minneapolis Steel & Machinery Co., 29th & Drexel
*Security Bridge Co. 36th & Hiawatha av
ST. PAUL—Herzog Iron Works
*ST. PAUL FOUNDRY CO., Como av & Mackubin
See adv index at end of book

MISSOURI.

HANNIBAL—*Dildine Bridge & Iron Co.
KANSAS CITY—*American Bridge Co., Waldheim bldg
*Arkansas Bridge Co. (Bridges Only), N W cor 2d & Wyandotte
*Blodgett Construction Co.
*Canton Bridge Co.
Goldberg J. & Son, 7500 Indep av
*Kansas City Bridge Co.
*Kansas City Structural Steel Co.
Kansas City Wire & Iron Works
Loewer John E. Wire & Iron Works Co., 914 Campbell
*Midland Bridge Co., Rialto bldg
*Miller Edwin M.
*Standard Bridge Co.
*Union Bridge & Construction Co.
United Iron Works Co.
Western Steel Products Co., Finance bldg
ST. JOSEPH—Berry Iron & Steel Co.
ST. LOUIS—*American Bridge Co., Third Nat'l Bank bldg
*Banner Iron Works, Shaw av & Oak Hill Ry
Christopher & Simpson Iron Works Co., 9th & Park av
*Greenspon S. Jos. & Sons Iron & Steel Co., B'way & Branch
McClintic-Marshall Const. Co., (of Pittsburgh, Pa.), Third Nat'l Bank bldg
Mesker Bros. Iron Co., 421 S 6th
*Miller & Borcherding, Frisco bldg
*Missouri Bridge & Iron Co., Fullerton bldg
Spuck Iron & Foundry Co., 14th & Branch
STEWART JAS. & CO., INC. (Mills & Railroad Depots), Boatmen's Bank bldg
*Stupp Bros. Bridge & Iron Co., Frisco bldg
Victor Iron Works Co., c 7th & Victor
SPRINGFIELD—Schmook Harry B.
VALLEY PARK—Barks & Barstow Mfg. Co. (Mill Bldgs & Roof Trusses)

NEBRASKA.

HASTINGS—Hastings Foundry & Iron Works
LINCOLN—Westover J. (Inc.)
OMAHA—Mid-West Iron Works
*Omaha Structural Steel Works
Paxton & Vierling Iron Works
*Standard Bridge Co.
*Western Construction Co., Bell bldg

NEW JERSEY.

ATHENIA—Cooke John K. & Son
ELIZABETH—Arny Chas.
HOBOKEN—Atkinson W. H. Co.
JERSEY CITY—*Fagan Iron Works, 14th
Hamill Alex. Iron Works, 426 Montgomery
Snead & Co. Iron Wks. (Light), 98 Pine, Jersey City, N. J.
See adv index at end of book
NEWARK—Calumet Iron Works, Balls Lane
Goeller H. R., 406 Frelinghuysen av
Hay Foundry & Iron Works, Plum Point la
Kinsey Wm. A., 192 Market
Payne Bros., Emmet & av D
NEW BRUNSWICK—New Brunswick Iron Works

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Bridges, Mill Buildings, Columns, Trusses, Girders, Beams,
Architectural Cast Iron, Ornamental Iron.
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PASSAIC—Passaic Artistic Iron Works (Jno. G. Schmidt, Prop.)
*Union Building & Construction Co.
PATERSON—*Bogert-Carlough Co.
*Passaic Structural Steel Co.
PHILLIPSBURG—*Tippett & Wood
TRENTON—Aitkin & Bebbington
*American Bridge Co.
WEST ELIZABETH—Hedden Iron Construction Co.

NEW YORK.

ALBANY—Boland C. P. & Co., 86 State
Clausen N. C., Architectural Iron Co.
McKinney Jas. & Son
*United Construction Co.
BUFFALO—*American Bridge Co., Marine Nat. Bank bldg
*Buffalo Structural Steel Co.
Ernst's Chas. F. Sons
Farrar Iron & Steel Co.
Ferguson Steel & Iron Co., Bailey av & B'way
Jones Iron Works
Kellogg Structural Steel Co., 31 Stone
*Lackawanna Bridge Co.
Progressive Structural Steel Co.
United Steel Erection Co.
ELMIRA—*American Bridge Co.
GROTON—*Groton Bridge Co.
MONTOUR FALLS—Montour Steel Co.
Seneca Engineering Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Child W. C. W., 355 Kingsland av
Eagle Iron Works, 850 DeKalb av
Kennington Iron Works, 414 3d av
Whale Creek Iron Works, 245 Huron

Boroughs of Manhattan and Bronx.

NEW YORK—*American Bridge Co., 30 Church
Belmont Iron Works, 32 B'way
*Berlin Construction Co., 220 B'way
*Communipaw Steel Co., 95 Liberty
Coombs R. D. & Co., 30 Church
Daniels Oscar Co., 233 B'way
Eidlitz & Ross, 110 W 40th
Empire Eng. Co., 6 Church
Fox Chas. H., 369 W 11th
*Hamilton & Chambers Co., 29 B'way
Hay Foundry & Iron Works, 15 Madison sq N
*Hinkle Iron Co., 534 W 56th
Industrial Iron Co., 1 Madison av
*Jobson-Gifford Co., 30 E 42d
*Lackawanna Bridge Co., 2 Rector
*Levering & Garrigues Co. (Engineers & Contractors), 552 W 23d
McDougall & Potter Co., Inc., 606 W 55th
Mitchell-Tappen Co., 15 John
Murray Hill Iron Works Co., 101 W 25th
Norton Alfred E. Co., 105 W 40th. Works: Boonton, N. J.
Pierson & Co., 29 B'way
Post & McCord Inc., 101 Park av
SCAIFE WM. B. & SONS CO., 26 Cortlandt *See adv index at end of book*
*Schwiers F. W. Jr. Co., 90 West
*Shoemaker Lewis F. & Co., 45 Broadway
*Snare & Triest Co., Woolworth bldg
STEWART JAMES & CO. (INC.) (Mills & Railway Depots), 30 Church
*Terry & Tench Co., 70 E 45th

Borough of Queens.

LONG ISLAND CITY—Just Geo. A. Co., 239 Vernon av
*National Bridge Works, Review av
MASPETH—Richey, Browne & Donald, Flushing av

Borough of Richmond.

WEST NEW BRIGHTON—Milliken Bros.

(End of New York City)

OWEGO—*Owego Bridge Corp.
POUGHKEEPSIE—Mitchell Co.
ROCHESTER—Heughes F. L. & Co.
SYRACUSE—*Archbold-Brady Co. (For Electric Railways)
General Erecting Co.
Smith & Caffrey Co.
*Syracuse Bridge Co.
*Williams Bridge Co.
TROY—Boland C. P. & Co., 30 4th
Mahony Mfg. Co.
West Side Structural Co.
UTICA—Utica Steam Engine & Boiler Works
WARSAW—Warsaw-Wilkinson Co.

NORTH CAROLINA.

BURLINGTON—Cates Machine Works

NORTH DAKOTA.

FARGO—*Fargo Bridge & Iron Co.

OHIO.

AKRON—*Burger Iron Co.
BELLEFONTAINE—*Bellefontaine Bridge & Steel Co.
BROOKVILLE—*Brookville Bridge Co.
CANTON—*American Bridge Co.
*Canton Bridge Co.
CINCINNATI—*American Bridge Co., Union Trust bldg
*Brackett Bridge Co., First Nat. Bank bldg
Columbia Iron Works, 721 Reading rd
Grimm Iron Works
Potthoff Construction Co., Front & Harriet
Rowekamp Bernard J., 2620 Colerain av
Schreiber L. & Sons Co., 3869 Ivanhoe
Stacey Bros. Gas Construction Co., Sta. P.
Stacey Mfg. Co., Big 4 R. R. & Township av, Elmwood
CLEVELAND—*American Bridge Co., Rockefeller bldg
Brooks T. H. & Co.
Colonial Iron Wks. Co., 881-885 E 67th
*Forest City Steel & Iron Co., 110th nr Detroit av
Kaltenbach & Griess, Chamber of Commerce bldg
*King Bridge Co.
*McMyler-Interstate Co.
Republic Structural Iron Works Co., 1350 E 53d
Stevens Iron Works & Fireproofing Co.
*Van Dorn Iron Works Co, 2700 E 79th
Variety Iron & Steel Works Co., Hamilton av & E 40th
COLUMBUS—Capitol Construction Co., Ruggery bldg
Case Crane & Engineering Co. (Steel Buildings)
*Columbus Structural Steel Co.
Morris C. E. Co.
DAYTON—Graves & Marshall Co.
DELAWARE—*Delaware Bridge Co.
EAST LIVERPOOL—Patterson Foundry & Machine Co.
HAMILTON—**MEYERS FRED. J. MFG. CO.** *See adv index at end of book*
KENTON—Champion Iron Co.
LEBANON—*Oregonia Bridge Co.
LEETONIA—Leetonia Boiler Co.
LIMA—East Iron & Machine Co., 351 E Market
LOWELLVILLE—Meehan Boiler & Cons. Co.
MANSFIELD—Hughes-Keenan Co.
MARTIN'S FERRY—*Riverside Bridge Co.
MASSILLON—*Massillon Bridge & Structural Co.
MOUNT VERNON—*Mount Vernon Bridge Co.
NEW BREMEN—*New Bremen Bridge Co.
NILES—Niles Forge & Mfg. Co.
PORTSMOUTH—Hossman Henry
SPRINGFIELD—*Bayley Wm. Co.
TOLEDO—*Amer. Bridge Co.
Donovan Wire & Iron Co., Chicago & W. & L. E. Ry
Milmine H. B. & Co.
*Toledo Bridge & Crane Co., 2500 Dorr
Toledo Wire & Iron Works
WARREN—Heltzel Steel Form & Iron Co. *See adv index at end of book*
WELLSVILLE—Carroll-Porter Boiler & Tank Co.
WEST ALEXANDRIA—Pence John
WILMINGTON—*Champion Bridge Co.
YOUNGSTOWN—*American Bridge Co.
Pollock Wm. B. Co.
*Youngstown Steel Car Co. (Light)

OKLAHOMA.

OKLAHOMA—Reinhart & Donovan Co.

OREGON.

PORTLAND—*Cowlitz Bridge Co., Yeon bldg
Independent Foundry Co., 743 York
*Northwest Bridge Works
*Northwest Steel Co., ft. of Sheridan
*Pacific Bridge Co.
*Pacific Iron Works
*Phoenix Iron Works, Hawthorne av c E 3d
Poole-Dean Co., 268 N 13th
*Portland Bridge & Bldg. Co.
Portland Bridge & Iron Co., Lewis bldg
*Willamette Iron & Steel Works

PENNSYLVANIA.

ALBION—*Rogers Bros. Co.
ALLENTOWN—Lehigh Structural Steel Co.
*McDermott Engineering Co.
AMBLER—Cruse-Kemper Co.
BEAVER FALLS—*Penn Bridge Co.
BETHLEHEM—*Guerber Engineering Co.
Vanderstucken-Ewing Construction Co.
BLOOMSBURG—Harman & Hassert
BRIDGEPORT—Gehret Bros.
CANONSBURG—*Fort Pitt Bridge Works
CARBONDALE—Cross Engineering Co.
Hendrick Mfg. Co.
DANVILLE—Danville Foundry & Machine Co.
DUBOIS—Osborn Machine Co.
HARRISBURG—Ensign G. W. Inc.
*Whittaker & Diehl
HOBOKEN—Blaw Steel Construction Co.
LANCASTER — Lancaster Machine & Structural Works
Rote A. B. & Co.
LEBANON—American Iron & Steel Mfg. Co.
McKEESPORT—McKeesport Steel Constr. Co.
Smith, Nimmo & Co.
PHILADELPHIA—Allen Iron & Steel Co., 3d & Venango
*American Bridge Co., Widener bldg
Baizley John Iron Works, 514 S Delaware av
Barnes Winfield S. & Co., 1614 Cherry
*Belmont Iron Works, 22d & Washington av
Biggin Charles P. Co., 1829 Harlan
Cantrell Construction Co., 33d & Walnut
Creswell Samuel J. Iron Works, 23d & Cherry
Hoffman Engineering & Contracting Co., Penna. bldg
Kemper Construction Co., 905 Walnut
*Keystone Structural Co., Harrison bldg
Lindsay W. W. & Co., Harrison bldg
Nass & Hare Const. Co., 115 Tasker
Parvin & Co., Stephen Girard bldg
*Phoenix Bridge Co., 410 Walnut
*Shoemaker Lewis F. & Co., Harrison bldg
Steel & Wike Co., 533 N 13th
Wark W. E. Co., 1737 Filbert
PHOENIXVILLE—*Phoenix Iron Co. (Steel Only)
PITTSBURGH—*American Bridge Co.
Blaw-Knox Co., Farmers' Bank bldg
*Bollinger-Andrews Construction Co., Empire bldg
Booth J. B. Co., 216 E Robinson
Carroll-Porter Boiler & Tank Co., Empire bldg
*Eichleay Jno Jr, Co., 20th & Wharton
*Farris Bridge Co., Jenkin's Arcade
*Fort Pitt Bridge Works, House bldg
Heyl & Patterson, 51 Water
*Independent Bridge Co., 829 Beaver av
Jones & Laughlin Steel Co., Ross
*Kratzer W. N. Co., 3212 Smallman
Lawrence Steel Construction Co., 3324 Smallman
*Lucius Engineering Co., Hartje bldg
*McClintic-Marshall Construction Co., Oliver bldg
Moore Edgar M. & Co., Farmers' Bank bldg
Mullen J. L. Construction Co., Wabash bldg

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STAND PIPES
RIVETED PIPE

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PENNSYLVANIA—Pittsburgh—continued
*Pittsburgh Bridge & Iron Works, Farmers' Bank bldg
PITTSBURGH-DES MOINES STEEL CO. (Trusses Roof, Iron & Steel), 4th & Ross
See adv index at end of book
Rieseck Iron Wks., 1201 Metropolitan
***SCAIFE WM. B. & SONS CO.**, First National Bk. bldg
See adv index at end of book
Schutz, Schreiner & Clyde Co., May bldg
PITTSTON—Exeter Machine Works
POTTSTOWN—*McClintic-Marshall Construction Co.
POTTSVILLE—*Eastern Steel Co.
RANKIN—*McClintic-Marshall Construction Co.
READING—Remppis W. F. Iron Works, 226-236 Spruce
ROCHESTER—*Pittsburgh Bridge & Iron Works
ROYERSFORD—*Keystone Structural Co.
SCRANTON—Anthracite Bridge Co
SOUTH BETHLEHEM—Bethlehem Steel Bridge Co.
Bethlehem Steel Co.

RHODE ISLAND.

PROVIDENCE—McKinnon Construction Co., 70 Water
Providence Steel & Iron Co., Kinsley av
*Stender Frank C. & Co., 86 Weybosset
Tower James H., Iron Wks., 50 Borden

TENNESSEE.

CHATTANOOGA—Eureka Supply Co.
WALSH & WEIDNER BOILER CO. *See adv index at end of book*
MEMPHIS—*Memphis Bridge Co.
*Virginia Bridge & Iron Co. (See Roanoke, Va.)
NASHVILLE—Foster & Creighton Co.
*Nashville Bridge Co.

TEXAS.

DALLAS—Austin Bros.
Mosher Mfg. Co.
EL PASO—El Paso Bridge & Iron Co.
HOUSTON—Hartwell Iron Works

UTAH.

SALT LAKE CITY—Minneapolis Steel & Machinery Co., 220 W So. Temple

STEWART JAMES & CO. (INC.), (Mills & Railway Depots), Walker Bank bldg

VIRGINIA.

BRISTOL—Twin City Boiler Works
NORFOLK—Norfolk Iron & Wire Works (Inc.)

STRUCTURAL STEEL WORK

BOILERS

TANKS | ETC.

THE WALSH & WEIDNER BOILER CO.

CHATTANOOGA, TENN.

BRANCH SALES OFFICES—New York New Orleans Dallas Birmingham Havana

RICHMOND—Cruickshank Iron Works Co.
Richmond Structural Steel Co., 18th & Dock
ROANOKE—Roanoke Iron & Bridge Wks., Inc.
Virginia Bridge & Iron Co.

WASHINGTON.

SEATTLE—Gerrick & Gerrick Co.
McEachern J. A. Co.
Puget Sound Boiler Works
SPOKANE—Northwest Harvester Co.

WEST VIRGINIA.

CHARLESTON—*Farris Bridge Co. (See Pittsburgh, Pa.)
HUNTINGTON—Huntington Iron Works.
WHEELING—Riverside Bridge Co.

WISCONSIN.

APPLETON—Northern Boiler & Structural Iron Works
FOND DU LAC—*Vulcan Mfg. Co.
LA CROSSE—*La Crosse Bridge & Steel Co.
Noble Chas. W.
Torrance Jno. & Son
MILWAUKEE—Bartz Jno. J., 249 15th
Bayley Structural Iron Co., 705 S Pierce
Colnik C. Mfg. Co., 750 Greenbush
Hackendahl & Schmidt Co., 1513 St. Paul av
*Heil Co., 26th & Montana avs
Hennecke C. Co., 1353 N Pierce
*Milwaukee Bridge Co.
Milwaukee Structural Steel Co., 19th & St. Paul av
*Northwestern Bridge & Iron Co., 127 S Water
Pietsch Ferdinand, 617 Cedar
*Skobis Co., 951 30th
*Wisconsin Bridge & Iron Co.
*Worden-Allen Co., P. O. Box 528.
NORTH MILWAUKEE—*Lakeside Bridge & Steel Co.
TOMAHAWK—Tomahawk Steel & Iron Works
WAUKESHA—Federal Bridge & Structural Co., Waukesha, Wis.
WAUSAU—Wausau Iron Works

Steel (Swedish)

See Iron & Steel, Swedish

14269— Steel Tack Plate

American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.
Andrews Steel Co. (Basic Open Hearth), Newport, Ky.
DE FOREST SHEET & TIN PLATE CO., Niles, O.
See adv index at end of book
Horner W. S. & Co., Oliver bldg, Pittsburgh, Pa.
La Belle Iron Works, Steubenville, O.
Lessig Geo. B. Co., Pottstown, Pa.
Norton Iron Works, Ashland, Ky.
Parkersburg Iron & Steel Co. (Open Hearth), Parkersburg, W. Va.
Reeves Mfg. Co., Dover, Ohio
Seneca Iron & Steel Co., Buffalo, N. Y.
Tremont Nail Co., West Wareham, Mass.
Wheeling Steel & Iron Co., Wheeling, W. Va.

Steel Tank Plate

See Iron & Steel Boiler & Tank Plate

14269a—*Steel (Tempered Strip)

WARDS EDGAR T. SONS CO. ("Capital"), 44-54 Farnsworth, Boston, Mass.
See adv index at end of book

14270—Steel (Threading & Welding)

Carnegie Steel Co. (Special, Open-Hearth), Carnegie bldg, Pittsburgh, Pa.
Larkin J. K. & Co. (Threading), 34 Reade, New York *See adv index at end of book*

Steel Tipples & Trestles

See Tipples, Mine

14271— Steel (Toe Calk)

Cambria Steel Co., Widener bldg, Phila., Pa.
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Illinois Steel Co., 208 S La Salle, Chicago, Ill.
Sweets Steel Co., Williamsport, Pa.

14272— Steel (Tool)

See also Steel, Crucible; also Steel Bar Mills

Atlas Crucible Steel Co. ("Reward" Oil Hardening, Nonshrinking), Dunkirk, N. Y. *See adv index at end of book*
Blancke L. C. Co., Inc., 10 Thomas, New York
Boker H. & Co. Inc. (Crucible Cast), 101 Duane, New York
Century Steel Co. of Am., Poughkeepsie, N. Y.
Colonial Steel Co., 324 4th av, Pittsburgh, Pa.
FEDERAL TOOL & ALLOYED STEEL CORP., 12 Platt, New York
Fishel & Marks Co. (Dealers), 2013 E 55th, Cleveland, O.
Gladium Co., 127 Duane, New York
HALCOMB STEEL CO. ("Dreadnought," Syracuse, N. Y.
See adv index at end of book
HARVEY ARTHUR C. CO., 374 Congress, Boston, Mass.
See adv index at end of book
Hawkridge Bros. & Co., 303 Congress, Boston, Mass.
Hercules Electric Steel Corp., 14 Lafayette, New York *See adv index at end of book*
Jessop Wm. & Sons, Inc., 91 John, New York *See adv index at end of book*
Latrobe Electric Steel Co. (Uranium), Latrobe, Pa.
Latshaw Steel & Metal Products Corp., 220 B'way, New York
See adv index at end of book
Ludlum Steel Co. ("Albany," "Huron," Alloy), Watervliet, N. Y.
Morris E. K. & Co. (Dealers), 317 W 2nd, Cincinnati, O.
McINNES CHARLES E. & CO., Mariners & Merchants bldg, Phila., Pa.
Midvale Steel & Ordnance Co. (All kinds), Widener bldg, Phila., Pa.
Morris E. K. & Co. (Dealers), 317 W 2nd, Cincinnati, O.
Plass L. Co., 132 Pearl, New York
Roechling Electro Steel Co., 173 Lafayette, New York
Schrock & Squires (Merch'ts), 293 Pearl, New York
Seaport Steel Co., 217 B'way, New York
SHEFFIELD WORKS, INC.,, 86 Warren, New York *See adv index at end of book*
Standard Alloys Co., Vanadium bldg, Pittsburgh, Pa.
SWEDISH IRON & STEEL CORP. ("Sisco"), 12 Platt, New York
See adv index at end of book
WARD'S EDGAR T. SONS CO., 44-54 Farnsworth, Boston, Mass.; 204 Hudson, New York
See adv index at end of book
WETHERELL BROS. CO., 31 Oliver, Boston, Mass.
See adv index at end of book

Steel Towers

See Tanks & Towers, Steel

14272a—*Steel Tubular Parts (Bent & Formed)

Hetzel Steel Form & Iron Co., Warren, O.
See adv index at end of book
STANDARD PARTS CO., Cleveland, O.
See adv index at end of book

14273—Steel U Bars & Shapes

Braun J. G., 609 S Paulina, Chicago, Ill.
Calumet Steel Co. (U Harrow Bars), 208 S La Salle, Chicago, Ill.
Illinois Steel Co., 208 S La Salle, Chicago, Ill.
Interstate Iron & Steel Co., 1st National Bank bldg, Chicago, Ill. Mills: Marion, O., & East Chicago, Ind.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, O.
Union Rolling Mill Co., Aetna rd & E 82nd, Cleveland, O.

14274—Steel (Umbrella Rod)

American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.

14275— Steel (Vanadium)

Aborn Steel Co., 22 Clarke, New York
Bourne-Fuller Co. ("Scotts" Crucible Vanadium), Hickox bldg, Cleveland, O.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Central Steel Co. ("Agathan," Bars, Billets and Slabs), Massillon, Ohio
Cyclops Steel Co., 120 B'way, New York
Hammond Steel Co., Inc., Solvay, N. Y.
Harrow Spring Co. (Chrome), Milwaukee, Wis.
Harvey Arthur C. Co., 374 Congress, Boston, Mass. *See adv index at end of book*
Hawkridge Bros. Co., 303 Congress, Boston, Mass.
Hess Steel Corp. (Also Chrome Vanadium Steel), Penn R. R. & E av, Baltimore, Md.
Kaufman E. & Co., Farmers Bank bldg, Pittsburgh, Pa.
Sivyer Steel Casting Co., Milwaukee, Wis.
United Alloy Steel Corp. (Billets, Blooms, Slabs, Bars, Ingots & Plates), Canton, O.
Vanadium Alloys Steel Co., Latrobe, Pa.

14276—Steel (Vanadium, Plates, Sheets, Etc.)

ALLOY STEEL PRODUCTS CORP., 30 Church, New York
See adv index at end of book
Carbon Steel Co. (Plates, Automobile Steel, etc), ft. 32nd, Pittsburgh, Pa.
Carnegie Steel Co. (Open Hearth Bars, Plates, Sheets, Shapes, etc), Carnegie bldg, Pittsburgh, Pa.
Colonial Steel Co. (Crucible & Open Hearth Bars, Plates, Sheets, Die Blocks, Tool Steels, Drill Rods, etc), 324 4th av, Pittsburgh, Pa.
Crowley John A. Co., 120 Liberty, New York
Crucible Steel Co. of America (Crucible, Open Hearth & Electric Furnace, Bars, Plates, Sheets, Die Blocks, Tool Steels, Drill Rods, etc), Oliver bldg, Pittsburgh, Pa.
Firth-Sterling Steel Co. (Crucible Bars & Tool Steel), McKeesport, Pa.
HALCOMB STEEL CO. (Crucible & Electric Furnace, Bars, Sheets, Drill Rods, Tool Steel & Cold Drawn), Syracuse, N. Y. *See adv index at end of book*
JESSOP STEEL COMPANY (Sheets & Saw Steel, etc), 91 John, New York. Works: Washington, Pa.
See adv index at end of book
Kaufman E. & Co., Farmers Bank bldg, Pittsburgh, Pa.
Hawkridge Bros. Co. (Sheets, etc), 303 Congress, Boston, Mass.
McInnes Steel Co. (Ltd.) (Crucible Tool Steel), Corry, Pa.
United Alloy Steel Corp. (Chrome Vanadium Bars & Plates), Canton, O.
Vulcan Crucible Steel Co. (Crucible & Open Hearth Bars, Tool Steels & Die Blocks), Aliquippa, Pa.

14277—Steel (Vanadium Tool)

Allen Edgar & Co., Ltd., 718 W Lake, Chicago, Ill.
Bethlehem Steel Co. (Crucible), South Bethlehem, Pa.
Carbon Steel Co (Open Hearth), ft. 32nd, Pittsburgh, Pa.
Carpenter Steel Co. (Crucible), Reading, Pa.
Colonial Steel Co. (Crucible & Open Hearth), 324 4th av, Pittsburgh, Pa.
Crowley John A. Co., 120 Liberty, New York
Crucible Steel Co. of America (Crucible & Open Hearth), Oliver bldg, Pittsburgh, Pa.
Firth-Sterling Steel Co. (Crucible), McKeesport, Pa.
Halcomb Steel Co. (Crucible), Syracuse, N. Y.
Heller Bros. Co. (Crucible), 879 Mt. Prospect av, Newark, N. J.
JESSOP WM. & SONS, INC., 91 John, New York *See adv index at end of book*
Kaufman E. & Co., Farmers Bank bldg, Pittsburgh, Pa.
McInnes Steel Co. (Crucible), Corry, Pa.
Vanadium Alloys Steel Co. (Crucible), Latrobe, Pa.
Vulcan Crucible Steel Co. (Crucible & Acid Open Hearth), Aliquippa, Pa.

14278—Steel (Well Bit & Jar)

Colonial Steel Co., 324 4th av, Pittsburgh, Pa.
Hawkridge Bros. Co., 303 Congress, Boston, Mass.

14279—Steel Wool & Shavings

American Steel Wool Mfg. Co., 451 Greenwich, New York
Buehne Steel Wool Co., 93 Nassau, New York
Glogan & Co., Dickey bldg, Chicago, Ill.
Hanson F. C. ("Hanson's" Bessemer), Southbridge, Mass.
Rhodes Jas. H. & Co. (Dealers), 157 W Austin av, Chicago, Ill.
Ridgely Trimmer Co., Springfield, O.
Thurston F. W. Co. (Imp.), 1832 S Clark, Chicago, Ill.
Waddell R. J. & Co. ("National"), 52 Beekman, New York

Steel Works Construction

See Blast Furnace & Steel Works Construction

14280—Steels (Butchers', Etc.)

American Cutlery Co. (Table & Butchers'), 764 Mather, Chicago, Ill.
Brecht Co., 1201 Cass av, St. Louis, Mo.
Chatillon Jno. & Sons, 85 Cliff, New York
Clyde Cutlery Co., Clyde, O.
Foster Bros. & Chatillon Co., Fulton, N. Y.
Goodell Co., Antrim, N. H.
Graef & Schmidt ("Twin Brand" Imp.), 107 Chambers, New York
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Meriden Cutlery Co., Meriden, Conn.
NICHOLS BROS. ("Nichols Bros."), Greenfield, Mass.
Stortz John & Son, 210 Vine, Phila., Pa.
White Ira F. & Son Co., Bloomfield, N. J.

Steerers (Steam)

See Engines, Steering

14281— Steins (Beer)

Bennett Edwin Pottery Co., Baltimore, Md.
Owen China Co., Minerva, O.
Sebring China Co., Sebring, O.
Zanesville Art Pottery Co., Zanesville, O.

14281a—*Stencil Cutting Machines

See also Machinery (Stencil Cutting Machines)

Ideal Stencil Machine Co., Belleville, O.

14282— Stencils

Allen Bros., 55 Cornhill, Boston, Mass.
Allen Doane & Co., 29 Cornhill, Boston, Mass.
American Stamp Mfg. Co., 85 John, New York
Arnold's J. H. Sons, 47 Fulton, New York
Ashbery Henry C., 285 Washington, Buffalo, N. Y.
Ashmore Clifford, 210 Arch, Phila., Pa.
Atlanta Rubber Stamps & Stencil Works (For Cotton Mills), Atlanta, Ga.
Bailey Geo. P. & Son, Rochester, N. Y.
Banning W. E. Stamp & Stencil Works, Syracuse, N. Y.
Barton Mfg. Co. (Steel), 87 Duane, New York
Beecher Fowler Mfg. Co., 244 3d, Louisville, Ky.
Black A. S., 206 Longworth, Cincinnati, O.
Borgstrom O. J., 118 S Clinton, Chicago, Ill.
Bourne Jno R., Rochester, N. Y.
Buchlein's Henry Sons, 27 Green, Newark, N. J.
Carragan & Tilson (Steel), 88 Chambers, New York
Cleveland Steel Stamp Works (Steel), Cleveland, O.
Consolidated Stamp Mfg. Co. (Jobbers), 87 Maiden la, New York
Cunningham M. E. Co., 625 Smithfield, Pittsburgh, Pa.
Dayton Stencil Works (Steel), Dayton, O.
Dickey-Grahler Works (Steel & Brass), 118 Noble ct, Cleveland, O.
Dixie Seal & Stamp Co., Atlanta, Ga.
Evans & Convery, 24 N 6th, Phila., Pa.
Everett A. & Son, Auburn, N. Y.
Everhard Mfg. Co., Canton, O.
Everson & Reed Co., 88 Chambers, New York
Fries A. J. (Steel), 717 Sycamore, Cincinnati, O.
Gibson A. C. Co., Buffalo, N. Y.
Gordon H. W., Est. of, Lynn, Mass.
Hanson C. H. Co., 178 N Clark, Chicago, Ill.
Hill Independent Mfg. Co., Emerald & Adams, Phila., Pa.
Hoggson & Pettis Mfg. Co. (Steel), New Haven, Conn.
Johnson D. E. Co., 140 William, New York
Johnston Thos. H,. Harrisburg, Pa.
Kasper Stamp & Seal Co., 821 Locust, St. Louis, Mo.
Kautz Fred C. & Co., 2633 W Lake, Chicago, Ill.
Kersting J. H., 75 Fulton, New York
Koch Gustav & Co., 71 W Rand, Chicago, Ill.
Koehler Henry L. Mfg. Co., Louisville, Ky.
Leonhardt Louis (Ltd.), 111 Warren, New York
Love Joseph V. & Co., Galveston, Tex.
McNamara M. Stamp & Stencil Wks., 85 Nassau, New York
Martin & Co. (Steel), 119 S Clark, Chicago, Ill.
Matthews Jas. H. & Co. (Copper, Brass & Zinc), 3942 Forbes, Pittsburgh, Pa.
Mayer Geo. J. & Co., 36 S Meridian, Indianapolis, Ind.
Meyer & Wenthe, 108 N Dearborn, Chicago, Ill.
Moise-Klinkner Co., 369 Market, San Francisco, Cal.
Monce S. G. (Steel), Unionville, Conn.
Mulinari P., 118 Light, Baltimore, Md.
Murdock W. Jas. Co., 116 Opera pl, Cincinnati, O.
Ness Geo. M. Jr., 61 Fulton, New York
N. Y. Stencil Works, 100 Nassau, New York
Noble & Westerbrook Mfg. Co., Hartford, Conn. *See adv index at end of book*
Northwestern Stamp Works, 110 E 3rd, St. Paul, Minn.
Oram Jas. C. & Co., 100 W South Water, Chicago, Ill.
Pittsburgh Steel Stamp Co., 316 Penn av, Pittsburgh, Pa.
Power J. H. & Co., 80 High, Boston, Mass.
Quaker City Stencil & Stamp Wks., 234 Arch, Phila., Pa.
Reese S. W. & Co. ("Eureka" Adjustable), 44 Vesey, New York
Reynolds Stamp & Stencil Works, 103 Westminster, Providence, R. I.
Robbins John Mfg. Co. (Steel), 58 Kneeland, Boston, Mass.
Sackmann F. A. (Steel), 810 Prospect, S E, Cleveland, O.
Salt Lake Stamp Co., Salt Lake City, Utah
Schneider Louis, 249 Market, Newark, N. J.
Schweizer C. K., 214 Vine, St. Louis, Mo.
Schwerdtle Stamp Co. (Steel), 43 Cannon, Bridgeport, Conn. *See adv index at end of book*
Smith R. H. Mfg. Co., Springfield, Mass.
Southern Stamp Co., Little Rock, Ark.
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.
Spokane Stamp Works, Spokane, Wash.
Stafford Nelson Co. (Steel), 67 Fulton, New York
Stencil Treasury (Steel), 209 E 59th, New York
Sternberg Albert E., 214 Arch, Phila., Pa.
Stewart R. A. & Co., 201 B'way, New York
Swisher R. D. Mfg. Co. (Brass), 413 S Clinton, Chicago, Ill.
Tidewater Stencil Works, Norfolk, Va.
Timme E. A. & Son, Worcester, Mass.
Troy Rubber Stamp Works, Troy, N. Y.
Turner S. B. & Son, Norfolk, Va.
Utermohle G. A. & Co., 133 Cheapside, Baltimore, Md.
Wardsworth Engraving Co., Springfield, O.
Weber-Erickson Bunting Co., 221 Diamond, Pittsburgh, Pa.
Western Stamp & Stencil Co., Omaha, Neb.
Williams Chas. F. & Co. (Steel), 38 Chardon, Boston, Mass.
Wright Greg. G. & Son, 119 Opera pl, Cincinnati, O.

14283— Steps (Automobile)

American Mason Safety Tread Co. ("Stanwood" Corrugated & Stamped Steel), Lowell, Mass.
Columbus Bolt Works Co., Columbus, O.
English & Mersick Co., New Haven, Conn.
Michigan Stamping Co., Detroit, Mich.

14284— Steps (Pole)

AMERICAN STEEL & WIRE CO. ("American"), 208 S La Salle, Chicago, Ill. *See adv index at end of book*
Bethlehem Steel Co., So Bethlehem, Pa.
Capital Electric Co., Salt Lake City, Utah
Carolina Cross Arm Co., Elkin, N. C.
Creaghead Engineering Co., 340 Main, Cincinnati, O.
Cutter Geo. Co. (Removable), South Bend, Ind.
Electric Railway Equipment Co., Cincinnati, O.
Fletcher Mfg. Co., Dayton, O.
Galvanized Products Co., Phillipsburg, N. J.
Grabler Mfg. Co., Cleveland, O.
Gravely B. F. & R. P., Martinsville, Va.
Hallett Iron Works ("Hallett" Double Pointed & Detachable Butt, etc.), Harvey, Ill.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
Joslyn Mfg. & Supply Co., Chamber of Com. bldg, Chicago, Ill.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
M. E. Bolt & Steel Co., Everett, Mass.
Michigan Bolt & Nut Works, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
Morris Elmer P., 136 Liberty, New York
Morris Iron & Steel Co., Frederick, Md.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, O.
Rockford Bolt Co., Rockford, Ill.
St. Louis Malleable Casting Co., 7701 N Conduit av, St. Louis, Mo.
Strieby & Foote Co., 301 Ogden, Newark, N. J.

14285— Steps (Sewer)

Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.

14286— Steps (Sill)

Kansas City Bolt & Nut Co., Kansas City, Mo.
Steel Car Forge Co., Pittsburg, Pa.

14287— Stereometers

Bausch & Lomb Optical Co., Rochester, N. Y.

14288— Stereopticons

Amusement Supply Co., 5 S Wabash av, Chicago, Ill.
Beseler Chas. Co., 131 E 23rd, New York
Breck Photoplay Supply Co., San Francisco, Cal.
Enterprise Optical Mfg. Co., 564 W Randolph, Chicago, Ill.
Fox Arthur W., 83 Schermerhorn, Brooklyn, N. Y.
McAllister T. H.-Keller Co., 176 Fulton, New York
McIntosh Stereopticon Co., 30 E Randolph, Chicago, Ill.
Newton C., 305 W 5th, New York
Thompson Albert T. & Co., 15 Tremont pl., Boston, Mass.
Underwood & Underwood, 417 5th av, New York
Universal Electric Stage Lighting Co. ("Kliegl Bros."), 240 W 50th, New York
Victor Animatorgraph Co., Davenport, Ia.
Williams Brown & Earle, 918 Chestnut, Phila., Pa.

14289— Stereoscopes

Underwood & Underwood, 417 5th av, New York
White H. C. Co., North Bennington, Vt.

14290— Sterilizers (Electric)

Barnstead Still & Sterilizer Co. (For Hospitals, Surgeons, Dentists, etc), 2 Lanesville Terrace, Forest Hills, Boston, Mass.
See adv index at end of book
Prometheus Electric Co., 511 W 42d, New York
R. U. V. Co., 150 B'way, New York
Simplex Electric Heating Co. ("Simplex"), Cambridge, Mass.

Sterilizers (Milk)

See Pasteurizers, Milk, etc.

14291—Sterilizers (Milk Bottle)

Bernstein Mfg. Co., 3d & Westmoreland, Phila., Pa.

14292— Sterilizers (Water)

American Sterilizer Co. (For Hospitals, etc), Erie, Pa.
Barnstead Still & Sterilizer Co. (Electric Steam & Gas, for Hospitals), 2 Lanesville Terrace, Forest Hills, Boston, Mass.
See adv index at end of book
Bernstein Mfg. Co., 3d & Westmoreland, Phila., Pa.
Castle, Wilmot Co. ("Castle" & Pressure), Rochester, N. Y.
Electric Water Sterilizer Co. (Electric), Scottdale, Pa.
Forbes Co., 1234 Callowhill, Phila., Pa.
Hospital Supply Co., 53 5th av, New York
Loomis Manning Filter Mfg. Co., 1421 S 37th, Phila., Pa.
Neel-Armstrong Co., Akron, O.
Pittsburgh Water Heater Co., Columbia Bank bldg., Pittsburgh, Pa.
Sprague Elec. Wks. of G. E. Co., 527 W 34th, New York

14293— Sterilizing Apparatus

American Sterilizer Co. (For Hospitals, etc), Erie, Pa.
Barnstead Still & Sterilizer Co. (Electric, Steam & Gas, for Hospitals, for Water, Instruments, Utensils, Dressings and Bedding), 2 Lanesville Terrace, Forest Hills, Boston, Mass.
See adv index at end of book
Bausch & Lomb Optical Co., Rochester, N. Y.
Bernstein Mfg. Co., 3d & Westmoreland, Phila., Pa.
Bramhall, Deane Co. (For Hospitals, etc), 261 W 36th, New York
Castle, Wilmot Co. ("Autoclave" Milk), Rochester, N. Y.
Climax Machinery Co. (For Milk), Indianapolis, Ind.
Consolidated Hospital Supply & Laundry Machy. Co. (For Laundries), Saugatuck, Conn.
Devine J. P. Co., Buffalo, N. Y.
Erie City Mfg. Co. ("Superior," Cabinet), Erie, Pa.
Hospital Supply Co. (For Hospitals), 53 5th av, New York
Jewell Water Improvement Co. (Chlorine), 9 S Clinton, Chicago, Ill.
Koven L. O. & Bro. (All Kinds), 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Ladd John W. Co. (For Milk), Detroit, Mich.
Northwestern Steel & Iron Works (Milk Bottle), Eau Claire, Wis.
Ray Geo. A. Mfg. Co. (Sterilizers & Steamers. All Copper, Nickel Plated, etc), for Barbers Only), Buffalo, N. Y.
Ruv Co., 50 Broad, New York
Silver & Co. (Milk), 304 Hewes, Brooklyn, N. Y.
Standard Water Systems Co. ("Tripure"), Hampton, N. J.
Sterilizer Mfg. Co. ("Darnall"), Syracuse, N. Y.
Toledo Cooker Co. (Milk), Toledo, O.
Twentieth Century Machinery Co., Nat'l Bank Bldg, Milwaukee, Wis.
Whitall, Tatum Co. (For Milk), 410 Race, Phila., Pa.

14294— Sticking Tommies

Wilcox, Crittenden & Co., Middletown, Conn.

14295 — *Sticks (Candy)

ESTABLISHED 1847
E. B. ESTES & SONS
Manufacturers of CANDY STICKS
Meat Skewers, Flag Sticks, Floral Sticks and Small Splint and Rod Work Generally.
364 5th Ave., New York City

14296a— *Sticks (Clapper)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

14297— Sticks (Clothes)

Hollow Cable Mfg. Co. ("Dandy"), Hornell, N. Y.

14298 — Sticks (Cutter)

Menasha Mfg. Co. (For Paper Mills), Menasha, Wis.

14299— Sticks (Drum)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

14300—Sticks (Hockey & Polo)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Lebzelter P. & Son Co., Lancaster, Pa.
Piper B. H. Co., Manchester, N. H.
Shepard H G. & Sons, New Haven, Conn.
Smith G. W. & Son, Canterbury, Conn.
Torrey Bros. Co., Central Village, Conn.

14301-2— Sticks (Plant)

Beverstock O. D. Co., Keene, N. H.
Chase Benj. Co., Derry, N. H.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

14303—Sticks (Printers' Composing)

Chandler & Price Co. ("Buckeye," "Yankee," Common Screw, Perfect News, etc.), Cleveland, O.
Star Tool Mfg. Co., Springfield, Ohio

14304—Sticks (Shoemakers' Size)

Lufkin Rule Co., Saginaw, Mich.

14305— Sticks (Stretcher)

Estes E. B. & Sons (Chair & Glove), 364 5th av, New York
See adv index at end of book
Strock L. W. & Co. (For Mines), Bethlehem, Pa.

14306—Sticks (Track Switch)

Strieby & Foote Co., 301 Ogden, Newark, N. J.

14307—*Sticks (Turned Wood)

ESTES E. B. & SONS (Candy, Taffy, Manicure, Floral, Drum, Clapper, Flag, Gambrel, etc), 364 5th av, New York
See adv index at end of book

14308— Sticks (Umbrella)

Gigrich A. A. & Co., Amityville, N. Y.

14309— Sticks (Welding

Chicago Hardware Foundry Co. (Aluminum, Brass & Iron), North Chicago, Ill
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
See adv index at end of book

14310— Stiffeners (Heel)

Root-Heath Mfg. Co. ("Universal," "Lion"), Plymouth, O.
Stowell Co. The ("Lyon," Adjustable), S Milwaukee, Wis.

14311— Stills (Acid)

American Welding Co., Carbondale, Pa.
Badger E. B. & Sons Co., 75 Pitts., Boston, Mass.
Baeuerle & Morris, 932 N Front, Phila., Pa.
Bethlehem Foundry & Machine Co., South Bethlehem, Pa.
Case W. A. & Sons Mfg. Co., Buffalo, N. Y.
Elyria Enameled Products Co., Elyria, O.
See adv index at end of book
Joubert & Goslin Mach. & Fdry. Co. (Fatty), Birmingham, Ala.
Stuart & Peterson Co., Burlington, N. J.

14312—Stills (Alcohol, Rum, Etc.)

American Copper & Brass Works, Cincinnati, O.
American Welding Co., Carbondale, Pa.
Badger E. B. & Sons Co., 75 Pitts., Boston, Mass.
Baeuerle & Morris, 932 N Front, Phila., Pa.
Case W. A. & Sons Mfg. Co., Buffalo, N. Y.
Devine J. P. Co., Buffalo, N. Y.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Lummus Walter E. Co. (Specialty Wood Alcohol), 173 Milk, Boston, Mass.
Seibel-Suessdorf Copper & Iron Mfg. Co., 2d & Gratiot, St. Louis, Mo.
Struthers-Wells Co., Warren, Pa.
See adv index at end of book
Stuart & Peterson Co., Burlington, N. J.

14312a— *Stills (Aniline)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

14312b—Stills (Benzol Refining)

Bartlett, Hayward & Co., Baltimore, Md.
Lummus Walter E. Co., 173 Milk, Boston, Mass.

14313—*Stills (Cheese Box for Oil)

HAMMOND IRON WORKS, Warren, Pa.
See adv index at end of book
Struthers-Wells Co., Warren, Pa.
See adv index at end of book

14314— Stills (Copper)

American Copper & Brass Works, Cincinnati, O.
Badger E. B. & Sons Co., 75 Pitts., Boston, Mass.
Baeuerle & Morris, 932 N Front, Phila., Pa.
Blymyer Iron Works Co. (For Sugar Cane, etc), Cincinnati, O.
Burkhard Thomas, 494 Flushing av, Brooklyn, N. Y.
Case W. A. & Sons Mfg. Co., Buffalo, N. Y.
Deuel Chas. C. Co., Detroit, Mich.
Devine J. P. Co., Buffalo, N. Y.
Engel & Kirchheiner, 1611 Thames, Baltimore, Md.
Flynn Wm. S., 76 Hudson, Jersey City, N. J.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Griscom-Russell Co. (Brass & Copper), 92 West, New York
See adv index at end of book
Harris Arthur & Co., 212 N Curtis, Chicago, Ill

STILLS (COPPER)—continued
Hoffman-Ahlers Co., 828 E Pearl, Cincinnati, O.
Keller George, 1051 Wycoff av, B'klyn, N. Y.
Laubeheimer Geo. E. Co., 17 N La Salle, Chicago, Ill.
Lummus Walter E. Co. (Jacketed, Coil & Fire Heated), 173 Milk, Boston, Mass.
McMillan Bros. (Turpentine), Sanvannah, Ga.
Philadelphia Coppersmithing Co. (Multiple, Effects), 222 N Front, Phila., Pa.
Roos' August Son, 429 E 91st, New York
Rust Engineering Co., Farmers Bk. bldg, Pittsburgh, Pa.
Seibel-Suessdorf Copper & Iron Mfg. Co., 2d & Gratiot, St. Louis, Mo.
Standard Water Systems Co. ("Tripure"), Hampton, N. J.
Trageser John Steam Copper Works, 457 W 26th, New York
Vulcan Copper Works, 120 Sycamore, Cincinnati, O.
Young Bros. Co., Detroit, Mich.
Zobler Otto Mfg. Co., 336 N Oakley blvd, Chicago, Ill.

14315— Stills (Crude Oil)

Columbiana Boiler Co, Columbiana, O.
Standard Boiler & Plate Iron Co., Niles, Ohio
United Iron Works Co., Kansas City, Mo.

14315a—*Stills (For Severe Service)

ELYRIA ENAMELED PRODUCTS CO., THE, Elyria, O.
See adv index at end of book

14316—Stills (Gasoline & Benzine)

Case W. A. & Sons Mfg. Co., Buffalo, N. Y.
Devine J. P. Co., Buffalo, N. Y.
Lummus, Walter E. Co., 173 Milk, Boston, Mass.
Struthers-Wells Co., Warren, Pa.
See adv index at end of book

14317—Stills (Household & Laboratory Water)

Castle, Wilmot Co., Rochester, N. Y.
Devine J. P. Co., Buffalo, N. Y.
Griscom-Russell Co., 92 West, New York
See adv index at end of book
Philadelphia Coppersmithing Co., 222 N Front, Phila., Pa.
Standard Water Systems Co. ("Tripure"), Hampton, N. J.

14318—Stills (Multiple Effects)

Devine J. P. Co., Buffalo, N. Y.
GRISCOM-RUSSELL CO., 92 West, New York. *See adv index at end of book*
Lummus, Walter E. Co., 173 Milk, Boston, Mass.
Standard Water Systems Co. ("Tripure"), Hampton, N. J.

14318a—*Stills (Nitric Acid)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

14319—Stills (Oil, Tar, Etc.)

See also Sugar Machinery

AMERICAN SPIRAL PIPE WORKS, Chicago, Ill. *See adv index at end of book*
American Welding Co., Carbondale, Pa.
Carroll-Porter Boiler & Tank Co., Empire bldg, Pittsburgh, Pa.
Columbiana Boiler Co., Columbiana, O.
Devine J. P. Co., Buffalo, N. Y.
DOVER BOILER WORKS, Sales Office, 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Gas Machinery Co. (Tar & Ammonia), 1900 Euclid av, Cleveland, O.
Graver Wm. Tank Works (For Oil Refineries), East Chicago, Ind.
Hammond Iron Works, Warren, Pa.
See adv index at end of book
Isbel-Porter Co. (Ammonia), 46 Bridge, Newark, N. J.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Lacy Mfg. Co., Los Angeles, Cal.
Leslie, Elliott & Co., Paterson, N. J.
Logan Iron Works, 54 Commercial, Brooklyn, N. Y.
Lummus Walter E. Co., 173 Milk, Boston, Mass.
McCabe Boiler Works, 195 Commerce, Newark, N. J.
O'Brien John Boiler Works Co., 11th & Mullanphy, St. Louis, Mo.
Petroleum Iron Works Co., Sharon, Pa.
Riter-Conley Co., Pittsburgh, Pa.
Seibel-Suessdorf Copper & Iron Mfg. Co., 2d & Gratiot, St. Louis, Mo.
Smith Samuel & Son Co., Paterson, N. J.
Standard Boiler & Plate Iron Co., Niles, Ohio
Struthers-Wells Co., Warren, Pa.
See adv index at end of book
Teachout H. E. Boiler Works, E 37th & Erie R. R., Cleveland, O.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Treadwell, M. H. Co. of Ill., 208 La Salle, Chicago, Ill.
Tudor Boiler Mfg. Co., 715 E 3d, Cincinnati, O.
Walsh & Weidner Boiler Co., Chattanooga, Tenn. *See adv index at end of book*

14320—Stills (Pharmaceutical)

Burkhard Thomas, 494 Flushing av, Brooklyn, N. Y.
Colton Arthur Co., Jefferson & Chene, Detroit, Mich.
Eimer & Amend, 205 3d av, New York
Lummus, Walter E. Co., 173 Milk, Boston, Mass.
Standard Water Systems Co. ("Tripure"), Hampton, N. J.
Stokes E. J. Machine Co., 17th & Cambria, Phila., Pa.

14320a— *Stills (Phenol)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Lummus, Walter E. Co., 173 Milk, Boston, Mass.

14321—Stills (Soap Makers')

Houchin, Aiken Co., 37 53d, Brooklyn, N. Y.

14322— Still (Steam)

Columbiana Boiler Co., Columbiana, O.
Griscom-Russell Co., 92 West, New York
See adv index at end of book
Hammond Iron Works, Warren, Pa.
See adv index at end of book
Lummus, Walter E. Co., 173 Milk, Boston, Mass.
Petroleum Iron Works Co., Sharon, Pa.
Standard Water Systems Co. ("Tripure"), Hampton, N. J.
Struthers-Wells Co., Warren, Pa.
See adv index at end of book
United Iron Works Co., Kansas City, Mo.
Warren City Tank & Boiler Co., Warren, Ohio

14322a—*Stills (Sulphuric Acid)

Buffalo Foundry & Machine Co, 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

14322b—Stills (Toluol Refining)

Badger E. B. & Sons Co., Boston, Mass.
Lummus, Walter E. Co., 173 Milk, Boston, Mass.

14323— Stills (Turpentine)

Case W. A. & Sons Mfg. Co., Buffalo, N. Y.
Lummus Walter E. Co., 173 Milk, Boston, Mass.
McMillan Bros., Savannah, Ga.
Struthers-Wells Co., Warren, Pa.
See adv index at end of book

14323a— *Stills (Vacuum)

ELYRIA ENAMELLED PRODUCTS CO., (Glass Enameled), Elyria, O.
See adv index at end of book
Lummus, Walter E. Co., 173 Milk, Boston, Mass.
Stevens Bros., 85 Liberty, New York

14324— Stills (Water)

American Copper & Brass Works, Cincinnati, O.
American Sterilizer Co., Erie, Pa.
Badger E. B. & Sons Co., 75 Pitts., Boston, Mass.
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See adv index at end of book
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Jewell Water Improvement Co., 9 S Clinton, Chicago, Ill.
Koven L. O. & Bro. (Also Turpentine), 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Lalor W. M., Manhattan bldg, Chicago, Ill.
Lummus, Walter E. Co., 173 Milk, Boston, Mass.
Polar Still Co., 24 S Clinton, Chicago, Ill.
Row & Davis, Engineers Inc., 90 West, New York *See adv index at end of book*
Sanitary Water Still Co., Hampton, N. Y.
Seibel-Suessdorf Copper & Iron Mfg. Co., 2d & Lombard, St. Louis, Mo.
Sparta Mfg. Co., South Bend, Ind.
Standard Water Systems Co. ("Tripure," Steam or Gas Operated), Hampton, N. J.
Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.
Sugar Apparatus Mfg. Co., Wilmington, Del.
Trageser John Steam Copper Works, ("Ralston"), 447 W 26th, New York
Wagner Walter Still Co., 327 S La Salle, Chicago, Ill.
Young Bros. Co., Detroit, Mich.
Young E. R. & Sons, Titusville, Pa.

14325— Stills (Wine Testing)

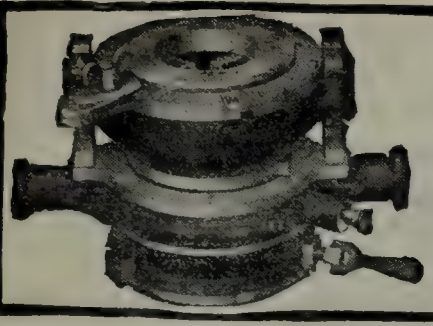
Case W. A. & Sons Mfg. Co., Buffalo, N. Y.

14326— Stirrers (Chemical)

Duriron Castings Co. ("Duriron" Acid Proof), Dayton, Ohio
Johnson John Co., 203 37th, B'klyn, N. Y.
Lummus, Walter E. Co., 173 Milk, Boston, Mass.

14327-8—Stirrups or Hangers

Champion Iron Co., Kenton, O.
Dietrich Bros., cor Pleasant & Davis, Baltimore, Md.
Frelinger J. G., Iron Works, 115 W 2nd, Cincinnati, O.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Londelius C. A. & Sons Co. (Stove Bolt Stirrups), 847 W 63d, Chicago, Ill.
Maryland Bolt Co., Continental bldg, Baltimore, Md.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book



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Mulvey Chas. Mfg. Co., 1840 Carroll av, Chicago, Ill.
O'Leary Arthur J. & Son Co., 65th & So. 57th av, Chicago, Ill.
Pawtucket Mfg. Co. (Stirrups Only), Pawtucket, R. I.
Peters Jas. & Son (Wrought Iron, Stirrups), 1934 N Front, Phila., Pa.
Pittsburgh Knife & Forge Co., 709 Belmont Pittsburgh, Pa.
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Republic Structural Iron Works Co., 350 E 53rd, Cleveland, O.
Roanoke Iron & Bridge Works, Inc., Roanoke, Va.
Schreiber L. & Sons Co., 3869 Ivanhoe, Cincinnati, O.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Variety Mfg. Co. ("Mulvey" Stirrups), 2958 Carroll av, Chicago, Ill.
Wendt Albert H. (Truss Stirrups), 456 E 2d, Cincinnati, O.

14329—Stirrups (Saddle, Iron)

Buermann Aug. Mfg. Co., 220 Jeliff av, Newark, N. J.
Elbel Co., Canton, O.

14330-1—Stirrups (Wooden)

Fort Recovery Stirrup Co., Ft. Recovery, O.
Whirrett Bros., Delphos, O.

Stock (Fountains)

See Fountains, Stock

14332— Stock Marks

Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.

14333—Stock Shells (Steel Calender)

Gammeter W. F. ("Universal" for Rubber Mfrs.), Cadiz, O.

Stock (Spool)

See Spools

Stockings (Elastic)

See Hosiery, Surgical, Elastic

14333a— *Stocks (Gun)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

14334— Stocks (Horse)

Wabash Foundry Co., Wabash, Ind.

14335— Stocks & Dies

See also Screw Plates

AMERICAN TAP & DIE CO. ("Adamantine," "Acme" & "Eagle" Blacksmiths' & Pipe), Greenfield, Mass.
See adv index at end of book
ARMSTRONG MFG. CO. ("Genuine Armstrong" Pipe & Bolt Threading, etc.), 278 Knowlton, Bridgeport, Conn.
See adv index at end of book
Ashcroft Mfg. Co. (Pipe), 119 W 40th, New York
Augmore Mfg. Co. ("Augmore") 5407 Sweeney av, Cleveland, O.
Barnes Tool Co. (Pipe Cutters), New Haven, Conn.
Bay State Tap & Die Co. (Solid Screw Plate Stocks, etc), Mansfield, Mass.
BORDEN CO. THE ("Beaver" Adjustable Die Stocks), Warren, O.
See adv index at end of book
Brubaker W. L. & Bros. ("Armstrong" Pattern Adjustable), Millersburg, Pa.
Butterfield & Co., Derby Line, Vt.
Card S. W. Mfg. Co., Mansfield, Mass.
Carpenter J. M. Tap & Die Co. ("True Blue" & "Little Wonder"), Pawtucket, R. I.
Champion Blower & Forge Co., Lancaster,
Conant & Donelson Co. ("Reliable"), Conway, Mass.
Crane Co. (Est. 1855) (Pipe Threading, etc), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Crane Co (Solid, Adjustable & Screwing), Bridgeport, Conn.
CROWN DIE & TOOL CO. ("Crown," Solid Dies), 553 W Monroe, Chicago,
GREENFIELD TAP & DIE CORP. ("Lightning," "Green River," "Little Giant," "O. K." & "G. T. D."), Greenfield, Mass.
See adv index at end of book
Handy Mfg. Co. ("Handy"), Bridgeport, Conn.
Hart Mfg. Co. ("Buckeye," "Duplex" Adjustable Ratchet Die Stocks), Cleveland, O.
Hinman D. A. & Co. ("Enterprise" Ratchet Die Stocks), Sandwich, Ill.
Hollands Mfg. Co. (Pipe), 352 E 18th, Erie, Pa.
Jarecki Mfg. Co. (Pipe Threading, etc), Erie, Pa., & Pittsburgh Pa.
Johnson O. A. & Sons, 6522 S. Winchester av, Chicago, Ill.
Kelly Reamer Co., Columbus rd, Cleveland, Ohio
Kemp C. M. Mfg. Co. ("Climax" Ratchet Stocks), 405 E Oliver, Baltimore, Md.
Keystone Die Stock Co. ("J. J. Delehant's Keystone" Die Stocks), 652 W 47th, Chicago, Ill.
LOWELL WRENCH CO. (Ratchet Die Stocks), 54 Commercial, Worcester, Mass. *See adv index at end of book*
McMann & Taylor Co., 104 John, New York. *See adv index at end of book*
Mark Mfg. Co., Evanston, Ill.
Morse Twist Drill & Machine Co. (Screw Plates & Dies), New Bedford, Mass.
Nye Tool & Machine Works ("Nye" Solid Die Stocks & Adjustable Hand Stocks), 108 N Jefferson, Chicago, Ill.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Oster Mfg. Co. ("Oster," "Bull Dog," Ratchet Stock & Die), Cleveland, O.
Oswego Tool Co. (Malleable & Adjustable Patterns), Oswego, N. Y.
Outlet Cutter Sales Corp., 507 5th av, New York
Pancoast Hy. B. Co. (Pipe Threading, etc), 243 S 3d, Phila., Pa.
Polk A. J. & Son (Pipe), Millersburg, Pa.
Pratt & Whitney Co. ("Whitney" Ratchet Drill Stock), Hartford, Conn.
Reed Mfg.. Co. (Adjustable & Solid Pipe & Bolt), Erie, Pa.
Robbins, Gamwell & Co. (Die Stocks), Pittsfield, Mass.
Russell Mfg. Co., Greenfield, Mass.
Saunders D. Sons (Pipe Threading, etc), Yonkers, N. Y.
Standard Engineering Co. (Hand), Ellwood City, Pa.
Superior Tap Co. (Blacksmiths'), Charleston, N. H.
Toledo Pipe Threading Machine Co. (Hand Operated Threading Tools), 1440 Summit, Toledo, O.
Walworth Mfg. Co. ("Hall," Pipe Threading, etc), Boston, Mass.
Winter Bros. Co. (Die Stocks), Wrentham, Mass.

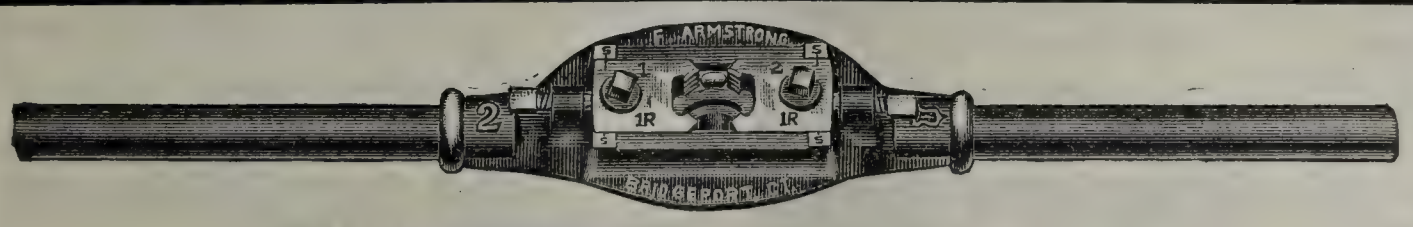
14335a— *Stokers (Automatic)

Schaffer Engineering & Equipment Co. (Continuous & Automatic Control), Tiffin, Ohio.
See adv index at end of book
Yonts C. H. Co., Meadville, Pa.

14336—Stone (Artificial Building)

See also Blocks, Hollow Concrete Building

Art Stone Co., 240 Market, Hartford, Conn.
Art Stone Co., Millers Falls, Mass.
Buffalo Litholite Co., Main & Amherst, Buffalo, N. Y.
Decorative Stone Co., New Haven, Conn.
Eilbacher Chas., 32 4th, Elizabeth, N. J.
Emerson & Norris Co., Boston, Mass.
Hydro Stone Products Co., 5631 W 65th, Chicago, Ill.
Kapailo Mfg. Co., 103 Park av, New York
Kraus J. C., Cast Stone Works (Balustrades, Columns, etc), 363 Lexington av, New York
Menefee Art Stone Co., Ft. Wayne, Ind.
New England Stone Co. (For All Purposes), New Haven, Conn.
Norwood Concrete Block & Constr'n Co., Madison av, & C. L. & N. Ry., Norwood, O.
Onondaga Litholite Co., Syracuse, N. Y.
Puritan Cement Stone Co., 164 Federal, Boston, Mass.
Rackle Geo. & Sons Co., Cleveland, O.
Reimers-Kaufman Co., Lincoln, Neb.



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See Crabs, Hoisting

14337— Stone (Crushed)

See also Trap Rock; also Granite Producers, Workers, etc; also Stone Producers, Workers, etc; also Stone Screenings

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Chicago Contractors' Supply Co., 5835 Loomis
Chicago Union Lime Works Co., 1900 W 19th
Dolese Bros. Co. (Limestone), 10 S La Salle, Chicago, Ill.
Dolese & Shepard Co. (Limestone), 108 La Salle
Illinois Stone Co., 29 S La Salle
O'Laughlin A. C. Co., 133 W Wash'n
Producers' Material Co., 29 S La Salle
Stearns Lime & Stone Co. (Limestone), 160 W Randolph
Tuthill Building Material Co., 131 W 63d
United States Crushed Stone Co., 108 S La Salle
Universal Crushed Stone Co., 29 S La Salle
Waushara Granite Co., 133 W Washington
Western Stone Co., 133 W Wash.
Wisconsin Granite Co. (Granite), 11 S La Salle
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ELGIN—Magnus Andrew
JOLIET—Joliet Flux Co.
National Stone Co. (Limestone)
KANKAKEE—Lehigh Stone Co.
PEORIA—Wasson T. J.
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Roeder Greeman Stone & Construction Co.
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HUNTINGTON—Erie Stone Co. (See Toledo, O.)
Keefer Henry
Logansport Stone & Construction Co.
INDIANAPOLIS—A. & C. Stone & Lime Co., 17 N Pennsylvania av
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MITCHELL—Mitchell Lime Co.
MONON—Monon Crushed Stone Co.
OSGOOD—Ashman Geo.
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FREDERICK—Potomac Lime & Stone Co.
HAGERSTOWN—Security Cement & Lime Co. (Limestone)
PORT DEPOSIT—Port Deposit Quarry Co. (Granite)
SECURITY—*Security Cement & Lime Co. (Limestone)

MASSACHUSETTS.

BOSTON—Beatty Construction Co., 66 Warren
Coleman J. C., & Sons Co., 1620 Tremont
McMurry A. J. & G. H., 16 Shepard (Br)
New England Crushed Stone Co., 125 Forest Hills, J. P.
Rockport Granite Co. (Granite, All Sizes), 31 State
CHELSEA—Coleman Bros.
FALL RIVER—Beattie Wm. H.
MONSON—Flynt W. N. Granite Co. (Granite & Trap Rock)
QUINCY—Kavanagh Bros. Co.
ROCKPORT—Rockport Granite Co. (Granite, All Sizes)
WALTHAM—Waltham Trap Rock Co.
WEST CHELMSFORD—Fletcher H. E. Co. (Granite)

MICHIGAN.

DETROIT—Baitinger Wm. F., 1486 Mach av
Calvert's J. Sons, 145 Griswold
*Dunbar Stone Co., River Rouge
Little Chas. H. Co., Dock River Rouge
Meier Hubert A.
Michigan Portland Cement Paving Co.
Piggins Wm. S. Sons
Rankin Wm., 625 Avery av
Solvay Process Co. (Quarries & Wks., Sibley, Mich.)
MANISTIQUE—White Marble Lime Co. (Limestone)

MINNESOTA.

DULUTH—Duluth Crushed Stone Co.
KASOTA—Babcock & Wilcox
Breen Stone & Marble Co.
MANKATO—Fowler & Pay
MINNEAPOLIS—Blue Limestone Co., 605 Lumber Exch.
Kettle River Co. (Sandstone), Plymouth bldg
Minnesota Crushed Stone Co., Plymouth bldg
NEW ULM—New Ulm Stone Co.
ST. PAUL—St. Paul Crushed Stone Co., Stewart & Victoria
SANDSTONE—Kettle River Co.
WINONA—Biesanz Stone Co. (Limestone)

MISSOURI.

CAPE GIRARDEAU—Hely Edw. (Limestone)
KANSAS CITY—Belt Line Crusher Co.
Dewey Portland Cement Co., Scarritt bldg
Lyle Rock Co.
Parker-Washington Co.
Stewart Sand Co., American Bank bldg
ST. JOSEPH—Young Bros. Construction Co.
ST. LOUIS—Eyermann G. & Bro., 1216 S Grand av
Glencoe Lime & Cement Co. (Limestone), Syndicate Trust bldg
Hunkins-Willis Lime & Cement Co., Century bldg
Missouri Granite & Construction Co., 3410 Gratiot
Schneider Granite Co. (Granite), 2140 De Kalb

NEBRASKA.

BLUE SPRINGS—Davis Geo. H.
OMAHA—Schall A. & Co.

NEW HAMPSHIRE.

KEENE—Victoria White Granite Co. (Granite)
MARLBOROUGH—Webb Granite & Construction Co.

NEW JERSEY.

BOUND BROOK—Bound Brook Crushed Stone Co.
DUNELLEN—Dunellen Lumber & Stone Co.
EAST NEWARK—Van Keuren & Son
JERSEY CITY—Delaware River Quarry & Construction Co., 26 Exchange pl (Railroad, Ballast, etc)
Stowell Mfg. Co., Culver av. (Crushed & Milled Granite)
LAMBERTVILLE—Delaware River Quarry & Const. Co.
LITTLE FALLS—Ferguson's, Wm. A. Sons
MORRISTOWN—Morris County Crushed Stone Co.
Paterson Crushed Stone Co.
NEW DURHAM—Belmont, Gurnee Stone Co.
NEWARK—Tomkins Bros., 74 Passaic
Upton F. R. (Sandstone), 810 Union bldg
Van Keuren & Son, 501 Passaic av
PATERSON—McKiernan & Bergin Co.
Paterson Crushed Stone Co.
PLAINFIELD—Bartle Bros.
SCOTCH PLAINS—Fanwood Stone Crushing & Quarry Co.
SUMMIT—Commonwealth Quarry Co.

NEW YORK.

AKRON — General Crushed Stone Co. (Limestone) (Branch of Easton, Pa.)
BUFFALO—Buffalo Crushed Stone Co., Ellicott sq
Carroll Bros., Ellicott sq
German Rock Asphalt & Cement Co., D. S. Morgan bldg
CHAUMONT—Adams & Duford Co.
LANCASTER—Ott Bros.
LE ROY—General Crushed Stone Co. (Limestone) (Branch of Easton, Pa.)
NEWBURGH—Miller D. C.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Bannon P. & Sons Quarry Co., 129 Richards
Hickey M. F. Co., 83 Ninth
Ryan N. Co., 491 Smith
Rockport Granite Co. (Granite, All Sizes)

Boroughs of Manhattan and Bronx.

NEW YORK—Algie Robert J., 2249 B'way
Altieri M. & Sons, 363 Concord av
Brady Jas. B. Co., 525 E 118th
Fleming Alfred J. (Wholesale), 109 Broad
Leopold J. & Co. (Granite), Woolworth bldg
Murray Jos. & Co., 263 av C
New York Trap Rock Co. (Hudson River), 17 Battery pl
Tomkins Calvin. 30 Church

(End of New York City)

SYRACUSE—Solvay Process Co. (For Roads & Concrete Work)
UTICA—Conley Frank E. Stone Co. (Limestone & Blue Sandstone)

NORTH CAROLINA.

ASHEVILLE—Balfour Quarry Co.
SALISBURY—Harris Granite Quarries Co. (Granite)

OHIO.

BUCYRUS—Broken Sword Stone Co (Crushed for Concrete Purposes)
BURGOON—Murphy J. H.
CAREY—National Lime & Stone Co.
CINCINNATI—American Stone Ballast Co., Prov. Bank bldg
Kirchner Construction Co., 221 W 9th
CLEVELAND—Breakwater Co.
Dolomite Products Co. (Limestone) 1110 Euclid av
Kelley Island Lime & Transport Co.
Spence Bros. (Limestone)
COLUMBUS—Buckeye Dredging Co., Kimball & Mitchell
Capital Lime Stone Co.
Casparis Stone Co., Clinton bldg
Columbus Macadam Co. (Limestone), 319 Dublin av
Marble Cliff Quarries Co.
FINDLAY—Hancock Stone Co.
Tarbox & McCall
FOSTORIA—Ohio & Western Lime Co.
GERMANTOWN—Wiggim Crushed Stone & Sand Co.
HOLLAND—France Stone Co.
LEETONIA—McKeefrey & Co.
Shenango Limestone Co.
LOWELLVILLE—Carbon Limestone Co. (Concrete a Specialty)
MARION—Evans Jno. Stone & Lime Co.
NORTH BALTIMORE—France Stone Co.
OTTOVILLE—Lauer N.
PANDORA—Schumacher Stone Co.
PIQUA—Ohio Marble Co. (Limestone)
SANDUSKY—Wagner Quarries Co.
SPENCERVILLE—Spencer Stone Co.
SPRINGFIELD—Mills Bros.
Moores Lime Co. (Limestone)
SYLVANIA—*Sylvania Stone Co.
TOLEDO—Erie Stone Co.
France Slag Co., 2nd Nat'l Bank bldg
France Stone Co.
Ohio & Michigan Sand & Gravel Co. (Granite)
Toledo Stone & Glass Sand Co.
Woodville Lime Products Co.
VAN WERT—Big Four Crushed Stone Co.
Erie Stone Co.
YOUNGSTOWN—Arrell Limestone Co.
Bessemer Limestone Co. (For Concrete, Macadam, etc)
Concrete Stone & Sand Co. (Blue Sand Stone)

OKLAHOMA.

ARBUCKLE—*Dolese Bros. Co. (See Chicago, Ill.)
RICHARDS—*Dolese Bros. Co. (See Chicago, Ill.)

OREGON.

PORTLAND—St. Helenas Quarry Co., Blake-McFall bldg.

PENNSYLVANIA.

BELLEFONTE—American Lime & Stone Co. (Branch of Tyrone, Pa.)
Bellefonte Lime Co.
EASTON—Easton Lime Co.
General Crushed Stone Co.
GLEN MILLS—General Crushed Stone Co. (Trap) (Branch of Easton, Pa.)
GREEN LANE—Davis Trap Rock Quarry Co. (See Phila., Pa.)
Perkiomen Crushed Stone Co., Bulletin bldg
LANCASTER—Lancaster Lime & Supply Co.
NORRISTOWN—Dyer Jno. T. Quarry Co.
PHILADELPHIA—Birdsboro Stone Co., Bulletin bldg
Davis Trap Rock Works, Parkway blvd
Dyer Jno. T., Quarry Co., Harrison bldg
General Crushed Stone Co., North American bldg
Holmesburg Granite Co., Commercial Trust bldg
Knickerbocker Lime Co. (Limestone), 366 N 24th
Lambertville Stone Quarry Co., 1218 Filbert
Lukens & Yerkes, St. Girard bldg
Warner Chas. Co. (Limestone), Finace bldg
PITTSBURGH—Booth & Flinn (Ltd.) (Ligonier), 1942 Forbes
Clydesdale Stone Co. (Hard Sandstone), Oliver bldg
Consolidated Stone & Mining Co. (Limestone), 307 5th av
REDINGTON—General Crushed Stone Co. (Dolomite) (Branch of Easton, Pa.)
TYRONE—American Lime & Stone Co. (Limestone)
WALTONVILLE—Brown-Stone Store Co. (For Concrete, etc)
WAYNESBORO—Decarbonated Lime & Stone Co.
WHITE HAVEN—General Crushed Stone Co. (Sandstone) (Branch of Easton, Pa.)
WILLIAMSPORT—Susquehanna Stone Co.
YORK—Baker J. E. Co.
Union Stone Co.

RHODE ISLAND.

EAST PROVIDENCE—McCormick Jos.

TENNESSEE.

CHATTANOOGA—Chickamauga Quarry & Construction Co. (Limestone)
Hooker Limestone Co., Chattanooga, Tenn.
MEMPHIS—Christie Cut Stone Co.
Kastner Cut Stone Co.
NASHVILLE—Foster & Creighton Co.
NEWSOMS STATION—Ezzell Mill & Stone Co.

TEXAS.

EL PASO—El Paso Ice & Refrigerator Co.
HOUSTON—Standard Teaming Co.
Texas Grading Co.

VERMONT.

HARDWICK — Woodbury Granite Co. (Granite Only)

VIRGINIA.

RICHMOND—Davis A. & Bros., Hermitage rd

WASHINGTON.

SEATTLE—Independent Asphalt Paving Co.

WISCONSIN.

AMBERG—Pike River Granite Co.
LA CROSSE—La Crosse Stone Co,
MILWAUKEE—American Granite Co. (Granite, 15th & Cleveland av
Donahue J. & Sons, 318 Bradford av
Lake Shore Stone Co., 1406 1st Nat'l Bank bldg
Lannon Crushed Stone Co,, 3017 Wright
OSHKOSH—Lutz Robert
RACINE—Universal Crushed Stone Co.

14338—Stone Crusher Parts & Repairs

See also Castings, Rock Crusher

American Manganese Steel Co. ("Amsco" & "Stag" Brand, Manganese Steel), 332 S Michigan av, Chicago, Ill.
Steele & Condict, 74 Pearl, Jersey City, N. J.
Taylor Wharton Iron & Steel Co., High Bridge, N. J.

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Acme Road Machinery Co., Frankfort, N. Y.
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Atlas Engineering Co., Amherst, O. *See adv index at end of book*
Buchanan C. G. Co., 90 West, New York
Buckbee J. C. Co., 38 S Dearborn, Chicago, Ill.
Chalmers-Williams Mfg. Co., 1461 Arnold, Chicago Heights, Ill.
Good Roads Machinery Co. ("Champion" & "Climax"), Kennett Square, Pa.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadawy, New York *See adv index at end of book*
Mashek Engineering Co., 90 West, New York
South St. Louis Foundry Co., 7514 S. B'way, St. Louis, Mo.
Traylor Engineering & Mfg. Co., Allentown, Pa.
Universal Road Machinery Co. ("Reliance"), Kingston, N. Y.
Worthington Pump & Machy. Corp., 115 B'way, New York *See adv index at end of book*

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Good Roads Mach'y Co., Kennett Square, Pa.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York. *See adv index at end of book*

14341— Stone (Flattening)

Beaver Valley Pot Co. (For Window Glass Mfrs.), Rochester, Pa.
Souder F. M. ("Imp."), Millville, N. J.

14342— Stone (Fluxing)

Dolomite Products Co., 1110 Euclid av, Cleveland, O.
Hooker Limestone Co., Chattanooga, Tenn.
Marble Cliff Quarries Co., Columbus, Ohio
Security Cement & Lime Co., Hagerstown, Md.
Woodville Lime Products Co., Toledo, O.

14343—Stone Morgue & Dissecting Slabs

Euclid Stone & Brick Co., Cleveland. O.

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Macke Marble & Granite Works (Cut Stone)
Oak Hill Marble Works (Cut Contractors)
Reed Bros.
*Sloss-Sheffield Steel & Iron Co. (Limestone, All Consumed by the Company
*Tennessee Coal, Iron & R. R. Co. (Limestone, All Consumed by the Company)
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ROCKWOOD—Foster & Creighton Co. (See Nashville, Tenn.)

ARKANSAS.

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PINE BLUFF—Sheppard E. A. (Cut Stone)

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COLTON—*California Portland Cement Co. (Building Rock)
GILROY—§Martin Bros. (Cut Contractors)
LOS ANGELES—Allison S. & Son, 1354 Palmetto
Bly Bros. & McGilliard Stone Co., 668 S Utah
*California - Portland Cement Co. (Building Rock)
Lane Bros. (Cut Contractors), 910 S Main
Portland Cement Co. (Building Rock), 129 W 2d
Raymond Stone Co.
OAKLAND—Veitch W. T. & Bro.
SAN DIEGO—§Simpson-Pirnie Granite Co.
SAN FRANCISCO—Colusa Sandstone Co., Potrero av & Division
McGilvray Stone Co. (Cut Contractors), 634 Townsend
§Raymond Granite Co., Potrero av & Division
*San Francisco Quarries Co., Balboa bldg

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COLORADO SPRINGS—Newton Lumber & Mfg. Co.
DENVER—*Colorado Fuel & Iron Co. (Limestone & Dolomite Quarries)
Edwards E. A. & Co. (Cut Contractors), 13th & Delgany
Fraser & Richardson Construction Co. (Cut Contractors), 6th & Wewatta
Greenlee Stone & Bldg Co.
Threewit Benj. F.

CONNECTICUT.

ANSONIA—*Ansonia Trap Rock Co.
§Potter Wm. (Cut Contractors)
*Wooster Chas. B.
BRIDGEPORT—Jackson Stone Co. (Cut Contractors)
Wheeler & Howes (Blue)
BRISTOL—Arms H. G. (Foundation)
GUILFORD—*Beattie John (Est. of)
HARTFORD—Billings Sidewalk & Coal Co. (Blue, etc)
Freeburg A. S.
Kelly Bros. (Cut Contractors), 93 Charter Oak
*O'Connor-Walker Cut Stone Co. (Cut Contractors)
Putnam H. E.
LIME ROCK—*Barnum-Richardson Co. (Limestone, All Consumed by the Company)
MERIDEN—*Connecticut Quarries Co. (Crushed)
Grossman G. J. (Free)
*Kearney Thos.
Lane Jno. S. & Son (Crushed Trap Rock)
*Lane Quarry Co. (Crushed, etc)
Lines H. Wales Co. (Blue & Brown Stone)
Luby Wm. J. (Blue, etc.)
MIDDLETOWN—Middletown Coal Co. (Flagging, etc)
NEW BRITAIN—Halloran Matthews W (Building)
Meehan Jno. F. (Freestone)
Smith Thomas C. (Bluestone)
NEW HAVEN—Blakeslee C. W. & Sons (Building, Broken & Blue), 58 Waverly
*Connecticut Quarries Co. (Crushed Trap Rock)
Howards' Co. (Blue), 250 Boulevard
Maxwell Jno. & Son, 112 Winchester av
Warner-Miller Co. (Blue Stone)
NEW LONDON—D'Avignon Francis P. (Blue & Brown)
Rogers Hervey E.
§Ryan John J. (Cut Contractor & Flagging)
NEW MILFORD—Hansen Christian
NORWALK—*Hall Irving
Meeker Coal Co. (Blue)
NORWICH—Dodd Thos. J.
Harrington P. J.
Peck McWilliams & Co. (Flagging)
Torrance Archibald
PORTLAND—§Brainerd, Shaler & Hall Quarry Co. (Brown)
Connecticut Steam Brownstone Co. (Brownstone Cutters & Contractors)
ROCKVILLE—Martin W. B.
*Rau Conrad B. (Flagging)
ROCKY HILL—*Conn. Quarries Co.
SHELTON—(See Derby)
SOUTH NORWALK—(See Norwalk)
STAFFORD SPRINGS—Kingsbury A. W. (Monumental Work & Curb Stone, Stone Cutter)
STAMFORD—Bounty A. E. Co. (Blue Flagging)
TORRINGTON—DeMichiel Jno. & Bros.
WATERBURY—§Chatfield & Chatfield (Blue, etc)
Gaffney J. W. & Son (Blue)
Jackson Thos. F. Co. (Cut Contractors)
WILLIMANTIC—*Larrabee C., Jr.
WINSTED—Carey J. F.

DELAWARE.

WILMINGTON—Delaware Granite & Mining Co., 14th & Pine
*Stewart & Donohue, Augustine

DISTRICT OF COLUMBIA.

WASHINGTON — Columbia Granite & Dredging Corp. (Crushed, Building & Rip Rap), 3036 K, N W
Low Robert & Co., 115 3d, S W
Rupprecht Co. (Cut Contractors), 129 Pennsylvania av, N W
Smith Philip, 1st, & B. S. W
Veihmeyer & Lapish, 1420 Ohio av, N W

FLORIDA.

TAMPA—*Florida Crushed Rock Co. (Crushed, etc)

GEORGIA.

ATHENS—Bisson P. & Son (Building)
ATLANTA—Capital Stone Co. (Cut Contractors)
Venable Bros. (Curbing)
COLUMBUS—Elledge & Norman Marble Co.
LITHONIA—Brand John T. (Cut Stone, Curb, Flagging, etc.)
NELSON—Blue Ridge Marble Co. (Cut Contractors)
TOCCOA—*Schaefer Edw.

ILLINOIS.

ALTON—*Alton Builders' Supply Co.
*Armstrong J. Lime & Quarry Co. (Limestone)
*Reliance Quarry & Construction Co.
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BLOOMINGTON — Higgins-Jung-Kleinau Co. (Cut Stone)
Moore J. K. (Cut Stone)
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Anderson Andrew G., 5838 Justine
Anderson Richard, 3112 Osgood
Andres Stone & Marble Co., 343 S Dearborn
Artesian Stone & Lime Works Co. (Limestone), Grand & Campbell avs
Baumann Jacob, 1326 Altgeld
Boileau Paul, 722 S Kelmar
Brodix & Malone (Dealers), 112 W Adams
California Cut Stone Co., 2136 S Sawyer av
Central Oolitic Stone Co., 2126 S Kedzie av
Chicago Cut Stone Co. (Cut Contractors), 3403 La Salle
*Chicago Union Lime Works Co. (Macadam & Crushed), 1900 W 19th
Cleveland Stone Co. (Ohio Blue & Buff), 140 S Dearborn
Dallman Chas. F. & Son, 5816 Laflin
Dearborn Cut Stone Co., 6100 Lafayette av
Diener T. C. & Co. (Contractor, Cut), 1157 W 21st
Dolese Bros. Co. (Crushed), 10 S La Salle
*Dolese & Shepard Co. (Crushed, etc.), 108 S La Salle
Douglas Cut Stone Co., 2131 S Troy
Edgeworth Jas. J. (Contractors' Cut), 2701 Stewart av
Edwards John H. (Cut Contractors), 5837 Justine
Egdorf John, 1227 Otto
Falter Geo. A. (Cut), 917 S Keeler av
Fluck Hugh W. (Cut Contractors), 7306 Kimpark av
Furst-Kerber Cut Stone Co., 2301 S La Salle
Furst & Fanning (Cut Stone Contractors), 946 Kingsburg
Galloy & Van Etten (Cut Contractors), 11756 S Halsted
Godfriaux & Kauffmann, 2115 Girard
Greene & Sons, 3403 Lowe av
Hagan James A., 1620 S Laramie av
Hampson Jas. A., 3529 S Leavitt
Henry Wm., 5837 Justine
Hepperle J. & Son, 4008 W Taylor
*Illinois Steel Co. (Limestone, all Consumed by the Company), 208 S. La Salle
*Illinois Stone Co. (Dimension & Rubble), 29 S La Salle
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Karge Frank (Cut Contractors), 5831 Bishop
Kempe P. & Co. (Cut Contractors), 571 Mather
Kurfess Gregor (Cut Contractor), 95th & Maple
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McArthur Cut Stone Co., 4650 Iowa
McHugh Jno., 5816 Normal av
McKay-Storer Co., 5 N La Salle
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Mahan Co., 2132 S Kedzie av
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Nelson & Hawkinson (Cut Stone), 6153 B'way
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O'Laughlin A. C. Co., 133 W Wash'n
Olson & Nelson Cut Stone Co. (Cut Contractors), 3401 S La Salle
*Peoria Stone & Marble Works (of Peoria, Ill.), 140 S Dearborn
Sasgen Derrick Co. (Lewis Stone), 3101 W Grand av
See adv index at end of book
Schick Wm., 2143 Sawyer av
Skoglund Emil G. (Cut Contractor), 4920 N Clark
Skoglund Eric, 5555 N Lincoln av
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Steven & Son Co., 175 W Jackson blvd.
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Struble Henry, Cut Stone Co., 209 S La Salle
Sward A. E. & Co. (Cut Contractors), 123 W 33d
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Watson Gavin F., E 72d & Blackstone av
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Western Stone Co. (Cut Contractors), 133 W Wash
Wilde & Schmidt (Cut Contractors), 21st W of Marshall blvd

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§Stolle Casper Quarry & Contracting Co. Cahokis bldg.
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Russell & Treiber (Cut Stone)
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FAIRMOUNT—*Casparis Stone Co.
GALESBURG—Craig & Harris (Cut Contractors)
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*Groth Adam & Co. (General & Cut Stone Contractors)
*Joliet Flux Co. (Crushed, etc)
*Joliet Quarries Co.
*Merchants Stone Co.
*Murphy D. & F.
§Western Stone Co.
KANKAKEE—*Lehigh Stone Co. (Crushed Stone, etc)
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§Western Stone Co. (Limestone)
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LINCOLN—Lincoln Monument Co.
MOLINE—*Moline Stone Co. (Limestone)
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Chicago & Oak Park Cut Stone Co. (Cut Stone)
Opit John & Co. (Cut Stone)
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*Consolidated Stone Co. (Quarries & Mills, Bedford, Park Hollow & Hunter Valley)
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*Indiana Bedford Stone Co.
†Indiana Limestone Co. (Blue & Buff, Oolite, Ind. Limestone)
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*Norton C. S. Blue Stone Co.
*Reed Stone Co. (Cut Contractors)
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Shea, Donnelly Giberson Co. (Cut, Contractors)
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Hunter Bros. Stone Co.
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*Monroe County Oolitic Stone Co.
§National Stone Co. (Buff & Blue Limestone)
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*South Side Stone Co.
*Star Stone Co. (of Chicago)
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*Perry Stone Co.
Thompson A. J. Stone Co.
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EVANSVILLE—*Caden Stone Co. (Green River Oolitic Limestone, Rough & Cut)
Ohio Valley Stone Co.
Scholz F. J. & Son
FLOYDS KNOBS — American Rubbing Stone Co.
FORT WAYNE—Geake William (Cut Con-Contractor)
Keller & Sons (Cut Contractors)
§Moellering's Wm. Sons
FRANKFORT—*Morris Wm. G. & Bro.
GREENCASTLE—*Ohio & Indiana Stone Co. (See Indianapolis)
GREENSBURG—§Greensburg Limestone Co.
HUNTINGTON—*Erie Stone Co. (See (Toledo, O.)
*Logansport Stone & Construction Co.
Ohio & Western Lime Co.
INDIANAPOLIS—A. & C. Stone & Lime Co., 1720 Pennsylvania av.
Ittenbach G. & Co. (Cut Contractors), 916 Harrison
*Spencer Stone Co. (Quarries, Spencer, Ind.)
INGALLS—*Big Four Crushed Stone Co. (Crushed, etc)
KOKOMO—*Chaffin Bros.
*Kokomo Stone Co.
*Leach J. M. Mfg. Co.
LAFAYETTE—*France Co.
LAPORTE—Franklin B. A. (Cut Contractor)
LAUREL—Secrest John P.
MARION—Benner F. M. & Co.
MARKLE—Markle Stone & Lime Co.
MUNCIE—Busch, Russell & Gelts Co. (Cut Contractors)
Illingworth Fred (Cut Contractor)
NEW ALBANY—Vernia John & Son Marble Co. (Cut Contractors)
NEW POINT—§Big Four Stone Co.
OOLITIC—†Indiana Quarries Co. (Buff & Blue Oolitic, Ind. Limestone) (See Offices, Chicago, Ill.)
OSGOOD—*Ashman Geo.
*Cox G. W.
*Osgood Lime Stone Co.
ST. PAUL—*Greely Stone Co. (Crushed)
*St. Paul Stone Quarries Co.
SOUTH BEND—Schmidt Cut Stone Co. (Cut Contractors)
SPENCER—*Spencer Stone Co.
STINESVILLE—*Hoadley J. & Sons Co. (Sawed, Planed, Turned & Cut)
*Romona Oolitic Stone Co.
TERRE HAUTE—§Terre Haute Stone Works Co. (Cut Contractors & Flagging)
Walsh Edward W.
WESTPORT—Westport Stone Co.

IOWA.

BETTENDORF—Bettendorf Stone Co. (Crushed)
BURLINGTON—Burrus O. M. & Bro.
CEDAR RAPIDS—Edinger Ed. Co. (Cut Stone)
*Iowa Stone Co.
CLINTON—McDonnell D. P. J. (Cut Contracting Stone)
DAVENPORT—*Davenport Stone & Marble Co.
*Le Claire Stone Co.
*Linwood Quarries Co.
DES MOINES—Capitol Hill Monument Co. (Cut Stone)
Des Moines Marble & Mantel Co. (Cut Stone)
*Earlham Land Co.
*Rowat Cut Stone Co.
DUBUQUE—Schulte G. G. (Cut Contractors)
Wagner Henry (Cut Contractors)
FORT MADISON—§Fort Madison & Appanosse Stone Co. (Crushed, etc)
KEOKUK—§McManus Quarries Co.
MASON CITY—Dayton-Montague Granite Works
STONE CITY—*Dearborn H. & Sons
*Ericksen F. Co.
*Green J. A. & Sons
WATERLOO—*Bartlett & McFarlane
Moline C. H. (Cut Contractors)

KANSAS.

HUTCHINSON—Solvay Process Co.
KANSAS CITY—Rock Springs Ice & Stone Co.
PITTSBURGH—Hill Geo. W. & Sons (Cut Contractors)

KENTUCKY.

BOWLING GREEN—Oman Bowling Green Stone Co.
CARTER—Foster B. D., Mrs.
COVINGTON—Farrell James F. (Cut Contractor)
*Schlosser Frank, Highland Pike
DAYTON—Walter Anton Supply Co.
FARMERS—*Rowan County Freestone Co. (Kentucky Blue, Rough, Bridge, Dimensions, etc)
FREESTONE—*Kentucky Bluestone Co. (Rough & Sawed Building Stone, Curbing & Flagging)
HADLEY—*Caden Stone Co. (Green River Oolitic Limestone, Rough & Cut). (Office, Evansville, Ind.)
HENDERSON—§Fleming J. H. & Son (Cut Contractors)
HOPKINSVILLE—*Dalton Bros. Brick Co. (Crushed Stone & Railroad Ballast)
IRVINGTON—Webster Stone Co.
LAWRENCEBURG—Ky. River Stone & Sand Co.
LOUISVILLE—Diebold John & Sons Stone Co. (Steam Stone Works & Contractors), 1417 16th
Peter & Burghard Stone Co. (Cut Contractors)
Peter & Melcher Steam Stone Works
MOUNT VERNON—*Sparks W. J. Co. (Limestone)
NEWPORT — *Ohio River Stone Co. (Crushed, etc)
Spinks Harry C. (Dealer)
OLIVE HILL—Highland Stone Co.
OWENSBORO—Mischel Geo. & Sons (Cut Contractors)
PADUCAH—Williamson J. E. & Co. (Cut Stone)

LOUISIANA.

NEW ORLEANS—Jahncke F. (Dealer), 814 Howard
SHREVEPORT—Newman A. J. (Cut Contractors)

MAINE.

PORTLAND—Mannix Bros. (Freestone)

MARYLAND.

BALTIMORE—Amiesite & Stone Co. (Rip Rap), 15 E Fayette
Andrew David M. Co. (Cut Contractors), Mt. Vernon & 26th
*Atkinson James H. (Curb, Building, Flag, etc), 29th & Hampden av
*Baltimore Quarries Co. (Gneiss), Law bldg
Berry & Tracey (Freestone, North River Blue, etc), Warner & B & O R R
Clough & Molloy (Cut Contractors), Hartford rd & B & O
Gault Wm. A. & Son (Cut Contractors), 9 E Lexington
Guilford & Waltersville Granite Co. (Flint Feldspar, Rough or Ground, Granite Paving Blocks, Crushed Stone, Building & Dimension Granite), Law bldg
Herrick Jno. Howard (Quarry Agent, Blue, Red & Brown Stone, Marble, Granite & Limestone), Law bldg
Knight Maurice L. (Cut Contractor), 1025 W Mulberry
Mann Geo. (Cut Contractors), Columbia av & B & O R R
Rullman & Wilson (Cut Contractors), Lafayette E Mt Royal
§Standard Lime & Stone Co. (Lime), Equitable bldg
DICKERSON—§Standard Lime & Stone Co.
HAGERSTOWN—Security Cement & Lime Co. (Limestone)
SECURITY—Security Cement & Lime Co. (Limestone)

MASSACHUSETTS.

BOSTON—Beatty Construction Co., 66 Warren
Bishop J. W. Co. (Cut Limestone Contractors), 683 Atlantic av
Carew Jos. F. (Cut Contractor), Gerard & Mass av
Cleveland Stone Co., 141 Milk
Hallington John, Estate of (Blue Stone), 166 Devonshire
Maher Bros. (Blue Flagging, North River Stone), 200 S Hampton
Meany Edw. F. & Co. (Cut Contractors, Freestone & Limestone), 534 Albany
Murray Henry Co., 21 Arlington
§Norcross Bros. Co., 73 Tremont
Rowe Contracting Co., Brighton
Smith H. P. & Co., 23 Haverhill
Sullivan Wm. J. Co. (Freestone) (Cut Contractor), 99 Southampton
Troy Bros. & Co. (Soapstone), 975 Mass av, Rox.
West Roxbury Trap Rock Co. (Crushed & Bldg.), W R
Winchester Stone Co., 535 Albany
BROCKTON—Long M. D.
Messer Bros.
CAMBRIDGE—Harrington Jno. (Est. of) (Bluestone)
Ricker E. & Son Co. (Cut Stone)
Sands Geo. R. (Cut Stone)
EAST LONG MEADOW — §Norcross Brownstone Co. (East Longmeadow Brownstone), (Office, Worcester)
*Rankin J. H. (Cut Contractor)
HOLYOKE—Archambault Albert
McCormick D. & Son (Cut Contractors)
LAWRENCE—Dorman Jas.
Lawrence Granite Co. (Cut Stone & Granite)
LENOX—*Clifford's James Sons (Freestone)
LOWELL—*Gumb Bros. (Cut Stone)
LYNN—Merrill Geo. B. & Co. (Cut Contractors)
§Shea & Donnelly Giberson Co., (Cut Contractors)
NORTH ADAMS—*Whitney Chas. E.
PEABODY—Joy Leander F. (Cut Contractor)
QUINCY—See Granite Producers & Workers
SALEM—Curtis Chas. E. & Son (Cut Stone)
O'Rourke Bros. (Cut Stone),
SOMERVILLE—McCarthy Wm. J. Co.
SPRINGFIELD—Casey & Broderick, 523 State
Cook Wm. F. Supply Co., 184 State
§Falt J. P. Co. (Red Sandstone, Cut Contractors), 33 Lynn
McGregory & Casman, 531 Main
§Marra Owen (Light Brown Sandstone Cut Contractors), 293 Bridge
§Stone A. D. & Co. (Light Brown Sandstone)
STONEHAM—Bennett Perry & Sons
TAUNTON—Sullivan John B. & Son (Cut Stone)
WALTHAM—*Waltham Trap Rock Co.
WEBSTER—Love J. P. (Cut Contractors)
WESTFIELD—*Westfield Marble & Sandstone Co.
WORCESTER—Bishop J. W. Co. (Cut Limestone Contractors), 109 Foster
*Webb Granite & Construction Co. (Cut Contractors)

MICHIGAN.

ALPENA—*Collins Phelps
BATTLE CREEK—McNaughton Angus J. (Cut Stone)
BAY CITY—Bate A. & Son (Cut Contractors)
§Bay City Stone Co. (Cut Contractors)
Wright G. A. (Cut Stone)
BAY PORT—*Wallace Stone Co.
DETROIT—Batchelder-Wasmund Co. (Cut Stone), Jefferson av W & 15th
Beebe Henry A. (Cut Stone), 1116 Wabash
Calvert's J. Sons (Building), 145 Griswold
Christa Marble Co.
*Dunbar Stone Co., River Rouge
Gearing Bros. Co. (Ltd.), (Stoneyard), 15th & M C R R
Little Chas. H. Co. (Crushed & Building), Dock River Rouge
Meier Hubert A. (Cut Stone)
Ortman F. C (Cut Stone), 1099 Wabash
Piggins Wm. S. Sons (Cut Stone & Steam Stone Works)
Rankin Wm. (Cut Stone), 625 Avery av
Robertson R. & Co. (Cut Stone), Amsterdam & 3d
Sibley M. Lumber Co., Kercheval & Beaufait
*Sibley Quarry Co.
Smith John E. (Cut Stone), Woodland & G T R
*Solvay Process Co. (Limestone) (Works, Sibley, Mich.)
Stefani Angelo (Curb Stone, etc.)
DOWAGIAC—Rutherford I. (Cut Contractor)
FLINT—Barney M. C. & Son (Cut Stone)
GRAND RAPIDS—Hirth F. H.
Schmidt Matthew (Cut Contractors)
GRINDSTONE CITY—§Cleveland Stone Co.
HOUGHTON—*Portage Entry Redstone Co. (Ltd.)
KALAMAZOO—Winslow Edw. L. (Cut Contractors)
LOWELL—Hamilton Joseph H. (Est. of)
MANISTEE—Forth W. J. (Cut Stone)
MENOMINEE—Nowack F. C.
MUSKEGON—Bauer & Beamer
PORT HURON—Truesdell Marble & Granite Co.
SAGINAW—Hobson & Co. (Cut Contractors)
Mohr John F. (Cut Contractors)

MINNESOTA.

DULUTH—Duluth Crushed Stone Co. (Cut Stone)
*Duluth Crushed Stone Co. (Crushed, etc)
KASOTA—*Babcock & Willcox (Rough, Sawed, Planed & Cut)
*Kasota Marble & Tile Co.
MANKATO—Coughlan T. R. Co.
Ekle A. R.
*Fowler & Pay
Meyer A. G. & Sons
*Nelson J. B. Construction Co.
*Widell Co.
MANTORVILLE—*Mantorville Stone Co. (Bridge & Heavy Dimension)
MINNEAPOLIS—Anderson G. A. & Co. (Cut Stone), 16th av S E & Elm
*Blue Limestone Co., 605 Lumber Exch
Hastings Cut Stone Co. (Cut Contractors), Main c 7th av S E
Jones & Hartley (Cut Contractors), 829 S 17th av
*Kettle River Co. (Building, Curbing, Bridge, Paving, etc.), Plymouth bldg
McLeod J. A. 207 N E 2d
*Minnesota Crushed Stone Co., Plymouth bldg
RED WING—*Lillybad, Gust. (Limestone)
ST. CLOUD—(See Granite Producers, Workers & Dealers)
ST. PAUL—Como Stone Co., 1071 N Dale
Lauer Bros. (Contractors), ft of Chestnut
Peterson P. N. Granite Co., 352 Cedar
Portland Stone Co., Metropolitan Life bldg
*St. Paul Crushed Stone Co. (Crushed) Stewart & Victoria
St. Paul Stone Co., 868 W Minnehaha
*Ulmer Wm. H. Co. (Cut Contractor), ft of Chestnut
Young C. H. Co. (Cut Contractors), 653 Rice
Young Jas. A. & Sons (Cut Contractors), Dakota bldg
SANDSTONE—*Kettle River Co. (Building, Bridge Paving, etc)
WINONA—*Biesanz Stone Co. (Cut & Rough)

MISSOURI.

BETHANY—Kenyon & Stanley (Cut Stone)
BOONVILLE—Merrifield J. E. (Cut Contractors)
BUTLER—*Day T. J.
CARTHAGE—*Carthage Marble & White Lime Co. (Limestone & Saw Mill)
*Carthage Quarry Co. (Limestone & Saw Mill)
*Carthage Stone Co. (Limestone & Saw Mill)
*Carthage Superior Marble & Limestone Co. (Cut Contractors)
*Kellogg Marble Co.
*Spring River Stone Co.
COLUMBIA—Farley Ed & Son (Cut Stone)
ELSBERRY—*Crystal Carbonate Lime Co.
HANNIBAL—*Hannibal Lime Co. (White Limestone)
*Star Lime Co. (Limestone)
JEFFERSON CITY—Vetter Frank J. (Cut Stone)
KANSAS CITY—Bremer Cut Stone Co. (Cut Contractors), 3100 Roanoke rd
Carthage Stone Yard, N. W. cor 16th & Askew av
Forrester Bros. Stone Co. (Cut Contractors), 35th & Roanoke blvd
Lyle Rock Co.
Phenix Marble Co. (Cut Contractors), 19th & Olive
Sutermeister Arnold Stone Co. (Cut Contractor) 2018 Roost av
LOUISIANA—*Crystal Carbonate Lime Co.
ST. JOSEPH—Abercrombie Stone Co. (Cut Stone)
Maier Sebastian (Cut Stone)
*Pfeiffer Stone Co. (Cut Contractors)
*St. Joseph Rock Crusher Co. (Crushed Stone)
*Young Bros. Construction Co. (Crushed Stone)
ST. LOUIS—*Algonite Stone Mfg. Co., 3900 Chouteau av
*Bambrick Bros. Const. Co., 5229 St. Louis av
*Brockschmitt Quarry & Construction Co., 6509 Manchester av
*Carthage Marble & White Lime Co., Chouteau & Vendeventer avs
*Carthage Stone Co. (Cut Stone), 35th & Pakin
*Columbia Quarry Co. (Limestone), Fullerton bldg
Eyermann G. & Bros., 1216 S Grand av
*Fruin-Bambrick Const. Co., 800 S Spring av
*Grafton Quarry Co. (Sandstone), Wright bldg
*Hanick Quarry & Const Co., Euclid & Ashland av
*Heman Construction Co., Title Guarantee Trust bldg
*Mo. Valley Const. Co., 3d Nat. Bank bldg. Quarries: Alton, Ill.
*Perkinson Bros. Const. Co., 3237 Caster av
Pickel Marble & Granite Co. (Cut Contractors). 1901 N B'way
Pickel Stone Co. (Cut Stone), 1320 S Vandeventer av
Reitz Bros. Stone Co. (Cut Stone), 4500 Chouteau av
*Ruecking Cons. Co., Marine av & Gasconade
St. Louis Cut Stone Co. (Cut Contractors), 3535 Gratiot
*Sinclair Quarry & Cons. Co., Syndicate Trust bldg
*Skrainka Construction Co. (Limestone), Security bldg
Thym Cut Stone Co. (Cut Stone), Brannon av & Odell
*Tower Grove Quarry & Const. Co., 5927 Fyler av
*Union Quarry & Const. Co., 4687 Nat'l Bdge rd
WARRENSBURG—*Pickel Benjamin

NEBRASKA.

BLUE SPRINGS — *Davis Geo. H. (Crushed, etc)
GRAND ISLAND—Paine-Fishburn Granite Co. (Cut Stone)
Scheffel William (Cut Stone)
LINCOLN—Forburger Stone Co. (Cut Contractors)
Speidell C. E. & Son (Cut Stone)
OMAHA—Bloom J. F. & Co. (Cut Stone)
*Murphy Hugh (Red Sand), Bee bldg
Nebraska Stone Co. (Cut Contractors)
Schall A. & Co. (Cut Contractors)

NEW HAMPSHIRE.

CLAREMONT—Messer Richard (Cut Contractor)
CONCORD — (See Granite Producers, Workers & Dealers)
DOVER—§Abbott Samuel B. (Estate of)
MANCHESTER—(See Granite Producers, Workers & Dealers)
MARLBOROUGH—*Webb Granite & Construction Co. (Cut Contractors)
MILFORD—(See Granite Producers, Workers & Dealers)
WEST CONCORD—(See Concord Granite Producers, Workers & Dealers)

NEW JERSEY.

ASBURY PARK—Rothfritz R. E. K. (Blue)
ATLANTIC CITY—Balestrieri R. & Co. (Cut Contractor)
New Jersey Stone & Tile Co. (Cut Contractors)
BAYONNE—Brady's Jas. Sons Co.
BELLEVILLE—Tuorto Cut Stone Co. (Cut Contractors)
BRIDGETON—Platt Clarence B. (Cut Stone)
Shaw Wm. R. (Cut Stone)
CHANGEWATER—*Castner J. P.
EAST ORANGE—Mayer Bez Stone Co.
ELIZABETH—Clark A. L. Stone Co. (Blue)
McGhee's Geo. Sons
ENGLEWOOD—Prentice Co. (Blue Stone, Crushed, etc)
Thompson Jos. & Son (Cut Contractors)
HACKENSACK—Long F. R., N. G. Broadhurst Co.
HARRISON—Durie & Davison (Cut Stone)
Spurr J. J. & Sons (Cut Contractors)
HASKELL—*Haskell Quarry Co.
HOBOKEN—Barr, Thaw & Fraser Co (Cut Contractors)
Hoboken Bluestone Co. (Blue)
IRVINGTON—Backus Albert & Co., (Cut Stone)
JERSEY CITY—*Delaware River Quarry & Construction Co., 26 Exchange pl (Crushed, Ballast, etc)
Muirhead Robt. (Blue), 76 Montgomery
Standard Blue Stone Co., 76 Montgomery
LAMBERTVILLE — *Delaware River Quarry & Construction Co. (See Jersey City)
LITTLE FALLS—*Ferguson's Wm. A. Sons (Crushed, etc)
MONTCLAIR—Wood Thomas (Blue, etc)
MORRISTOWN—Ennis C. W. & Co. (Blue, etc)
*Morris County Crushed Stone Co.
*New Jersey Trap Rock Co.
*North Jersey Quarry Co.
*Paterson Crushed Stone Co.
*Schmidt F. W. (Crushed)
NEWARK—Boyle Thos. (Contractor), 174 Riverside av
Brown Geo. & Co. (Cut Stone Contractors), 370 Belleville av
Gerber A. F. Stone Co. (Blue), 202 Bigelow
Hoerner H. J. & Sons (Cut Stone Contractors), Lister av
Monahan Stone Co. (Dealers), Plum Point la
Newark Blue Stone Co. (Blue), 120 Passaic
Reilly J. E. Stone Co. 10 Riverside av
Rome Stone Cutting Co. (Cut Stone Contractors), 117 Grafton av
Schreitmueller Stone Co., 174 Wavly pl
Snyder Frank W. Contracting Co. (Flagging), 372 Grove
Woodward A. H. Co. (Blue & Cut), 128 Passaic
Young R. & Sons (Cut Stone Contractors), 25 Grafton av
NEW BRUNSWICK—*Edge Hill Silica Rock Co.
NEWTON—Hopkins S. H.
ORANGE—§Spottiswoode-Cusack Co.
PASSAIC—Diamond Stone Co.
PATERSON—McKiernan & Bergin Co., (Crushed, Paving & Building), 1st Nat'l Bank bldg
*Paterson Crushed Stone Co.
PERTH AMBOY—Satter H. & Son (Blue Stone, Cut Stone, Flagging), 219 Gordon
Williams David J. (Stoneyard)
PHILLIPSBURG—Martin Adam (Bluestone)
PLAINFIELD—Bartle Bros (Building)
Lannon John (Blue)
Manning L. L. & Son
Smalley Stone Co. (Crushed)
Watchung Stone Co. (Stoneyard)
RAVENROCK—*Ledger Jno.
ROCKY HILL—*Delaware River Quarry & Const. Co. (Crushed & Paving Blocks)
SCOTCH PLAINS — *Fanwood Stone Crushing & Quarry Co. (Crushed Stone)
SOMERVILLE—Sargeant Bros. (Flagging)
STOCKTON—*Twining S. B. & Co.
TRENTON—Hutchinson Samuel R.
McDonald Alex. Co.
*Richardson Jos. B. & Sons (Dealers)
Richardson P. B.
Swayze H. M., 26 S Stockton
WEST NEW YORK—Effert & Gerisch (Blue Stone)
WOODBURY—Snelbaker W. B.

NEW YORK.

AKRON—*General Crushed Stone Co. (Crushed)
ALBANY—Ross Adam Cut Stone Co (Cut Contractor), 1003 B'way
ALBION—*Albion Medina Stone Co.
*Orleans County Quarry Co.
*Reed Allen & Reed
*Ryan M. A.
Vincent Stone Co.
AMSTERDAM—Hennessey Wm. E.
AUBURN—*Goodrich C. E.
BIGELOW—*Williams Chas. & Co. (Limestone & Flux)
BINGHAMTON—Ingalls Stone Co. (Cut Contractors, Steam Cut Stone Works)
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—*Appenheimer Jno. L., 75 Appenheimer av
*Barber Asphalt Paving Co. (Crushed, Building & Dimension), E Delavan av & Belt Line
*Buffalo Cement Co. (Ltd.) (Cut, Crushed, etc), 110 Franklin
*Buffalo Crushed Stone Co. (Crushed, etc), Ellicott sq
Carroll Bros. (Limestone), Elicott sq
*Empire Limestone Co., 19 Hudson
Frontier Stone Co., 1003 Fillmore av
*Gehres Anna, 1968 Fillmore av
*Kehr A. P. Co. (Cut Stone, etc)
*McDonnell & Sons (Cut Stone), 858 Main
Maltby Geo. W. & Sons Co. (Cut Stone), 21 Maryland
Reeb M. A. Corp., 599 Michigan av
*Rupp John J., 2135 Fillmore av
Star Cut Stone Co., Persons & W Shore R. R.
CATSKILL—*Holdridge Geo. W. & Co.
CHAUMONT—*Adams & Duford Co. (Crushed & Limestone)
DUNKIRK—Lake City Stone Co.
ELMIRA—Yenger B. (Cut Contractor)
GLOVERSVILLE—Hunter & Son (Cut Stone)
GOUVERNEUR—(See Marble Producers)
HALE EDDY—*Travis Stone Co. (Blue Stone)
HANCOCK—*Cotter E. J.
*Kirkpatrick Bros.
*Randall W. I.
HANKINS—*Manny Anthony & Co. (Blue)
HOLLEY—*Orleans Sand Stone Co. (Office, Syracuse)
HUDSON—Hoctor P. & Son (Cut Stone)
HULBERTON—*Ford A. H.
*Squires A. J.
*Vincent Stone Co.
ITHACA—Storms J. B. (Cut Stone)
JAMESTOWN—*Jamestown Shale Paving Brick Co.
KINGSTON—Hudson River Blue Stone Co. (Blue)
LE ROY—*General Crushed Stone Co. (Office, Easton, Pa.)
*Heimlich John
LOCKPORT—Bendinger Louis
Stainthorpe C. N. & Co. (Building)
*Whitmore C. B. Co. (Sandstone)
LONG EDDY—*Kenney Bros. (Bluestone)
*Peak Cyrus (Bluestone)
LONG ISLAND CITY—(See New York City, Borough of Queens)
MIDDLETOWN—Wagar David P. (Blue)
MOUNT KISCO—Gorham D. F.
NARROWSBURG—*Partridge Jere (Bluestone)
NEW BALTIMORE—*McCabe Edward
NEW BRIGHTON—(See New York City, Borough of Richmond)
NEWBURGH—Crawford Wm. (Est. of) (Blue & Free Stone)
Dwyer M. J. (Blue & Flagging)
Harrison & Curtis (Dimension)
§Miller D. C. (Crushed & Building)
NEW PALTZ—*Hasbrouck J. J. & Co. (Buhr Stones)
NEW ROCHELLE—Mahlstedt J. A. Lumber & Coal Co.
New Rochelle Coal & Lumber Co. (Flagging, etc)
NORWICH—*Clarke-Conroy Co. (N. R. Blue)

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Baird A. D. & Sons (Cut Contractors), 667 Wythe av
Bannon P. & Sons (Crushed), 129 Richards
Burns John & Son (Blue), 156 7th
Cohn Cut Stone Co. (Cut Contractors), 38th & 14th av
Curran Bros. & Murphy (Cut Contractors), Douglas & 4th av
Evergreen Stone Works (Breitenbach & Ruppenstein Props.)
Gold & Taylor Cut Stone Co. (Cut Contractors), 312 3d av
Harnden Jas. H. Co. (Blue), 991 Grand
Heinlein John Cut Stone Co. (Cut Contractor), 555 President
Hickey M. F. Co. (Crushed), 83 9th
Kenny Wm. F. & Co. (Blue), 347 Columbia
McLaren & Sons (Cut Contrctors,) Court & Bay
Parker Thos. Co. (Cut Contractor), 1259 Flushing av
Pilzer Elias M. (Cut Contractor), Watkins
Rankin & Ross Co. (Cut Contractors), 372 Carroll
Ross Wm. S. (Cut Contractor), 254 Douglass
Ryan N. Co. (Blue), 491 Smith
Steinberg Steam Cut Stone Co. (Cut Contractors), 596 Rockaway av
Trudden M. (Blue), 109 Van Sindren av

Boroughs of Manhattan and Bronx.

NEW YORK—American Blue Stone Co. (Blue), 1 Madison av
Annett Bros. (Stone Yard), 6 W 141st
Bellows Chas. H. Cut Stone Co., 233 B'way
Brady Jas. B. Co. (Crushed), 525 E 118th
Bronx Cut Stone Co., 4177 3d av
Brown Geo. & Co. (Cut), 286 5th av
Cardo Bros. & Co. (Stone Yard), Cypress av & 132d
*Clinton Point Stone Co. (Crushed Stone, etc), 17 Battery pl
Cohen Michael & Co. (Freestone, etc), 8 W 40th
Conlon Jas. W. (Blue Stone), Av A & 68th
Dix Chas. H. (Freestone), 52 B'way
Doyle Geo. & Co. (Indiana Limestone), 103 Park av
Erie Blue Stone Association, 341 5th av
Finney C. H. & Sons (Stone Contractors), 139 W 53d
Gillings Peter Co. (Blue Stone), 737 E 219th
Hanlein Henry & Son (Cut Contractors), 417 E 103d
Hutchinson John & Sons (Cut Contractors), 2383 1st av
†Indiana Quarries Co. (Blue & Buff, Oolitic, Ind. Limestone), 280 Madison av. Quarries & Mills: Bedford, Ind.
La Spina Peter Co. (Cut Stone), 2 Canal pl

NEW YORK—New York—continued
Lenahan J. B. (Cut Contractors), 293 Rider av
Leopold J. & Co. (Crushed Stone, Granite, etc), 233 B'way
Lockwood David T. (Blue Stone), 280 B'way
Lodge Martin P. (Blue, Contractor), 532 W 44th
McCarthy Jas. (Stone Yard), 439 W 47th
Marine Arlando (Wholesale Dealers in Blue Stone), 5 E 42d
Maxwell's Jno. Sons (Blue Stone, Wholesale), 51 Chambers
Miller David (Stone Works), 315 E 103d
Moran D. W. (Blue Stone), 270 Burnside av
Murray Jos. & Co. (Crushed), 263 Ave C
Nevins Edw. J. (Blue Stone), 638 W 51st
New York Cut Stone Co. (Cut Contractors), Walnut av & 133d
Norcross Bros. Co. (Quarrymen & General Contractors in Granite, Marble & Stone; Large Structures a Specialty), 103 Park av
Pagano Jerome (Blue Stone), 2642 Park av
Penney & Bunt (Stone Yard), 132d & Willow av
*Rockland Lake Trap Rock Co., 17 Battery pl
Seus Rudolf (Cut Contractor), 406 E 109th
Smith Jno. R. (Cut Contractor), 421 E 103d
Symmers Jno. H. (Crushed & Cut), S Blvd & 141st
Tompkins Kiel Marble Co., 505 5th av
Williams B. A. & G. N. (Cut Contractors), Walnut av & 133d
Young Jas. H. Stone Co. (Cut Contractors), E 136th & Locust av

Borough of Queens.

EVERGREEN—Evergreen Steam Stone Works (Breitenbach & Ruppenstein, Props.)
FAR ROCKAWAY—Mills Elmer D. (Cut Contractor)
LONG ISLAND CITY—Bradley Wm. & Son (Cut Contractors), Vernon av
Brown Geo. & Co. (Cut Stone), Blvd
Call Geo. & Co. (Cut Contractors)
Gillies Jas. & Sons (Cut Contractors), 14th
McWhirter W. H. Co. (Cut Contractors, 82 Woolsey
Morrison David G. (Cut Contractor), 373 Vernon av
Shuttleworth Edwin Co. (Cut Contractors), Vernon av
Williams R. A. & G. N. (Cut Contractors), Mill & Orchard, Astoria

Borough of Richmond.

NEW BRIGHTON—Hart P. & Sons, 71 Lafayette av

(End of New York City)

OLEAN—Foley Bros. Co. (Cut Stone)
ONEONTA—Dauley & Wright (Cut Stone)
PEEKSKILL—*Peekskill Stone Co.
PHOENICIA—*McGrath Jno. L. (Blue Stone)
PORTAGEVILLE—*Portageville Bluestone Co.
PORT JERVIS—Bennet Jno. E. (Cut Stone)
Nearpass E. E.
POTSDAM—†Potsdam Red Sandstone Co. (Sandstone)
POUGHKEEPSIE—Joy Walter A.
Seamon Thomas H. (Blue Stone)
ROCHESTER—Carson Wm. & C. H. (Cut Contractors)
Oliver Horace T. (Cut Contractor), 328 South av
*Whitmore, Rauber & Vicinus (Cut Contractors)
ROME—Prossner S. & Sons
RONDOUT—(See Kingston)
ROSCOE—*Reynolds W. J. (Blue Stone)
SAUGERTIES—*Maxwell's Jno. Sons (Blue) (Office, Phila., Pa.)
SCHENECTADY—Crane-Vreeder Co.
Kellam & Shaffer Co. (Cut Contractors)
SCHOHARIE—*Mix Stone Co. (Blue & Grey Limestone)
SYRACUSE—Arnold Conrad, 1207 Orange
*Orleans Sand Stone Co.
Solvay Process Co. (Limestone)
Thomas Chas., 1103 S State
TARRYTOWN—Dinkel & Jewell Co. (Blue & Building)
TOMKINS COVE—*Tomkins Cove Stone Co. (Crushed, etc.)
TROY—Grant Chas. M. (Freestone)
Young Wm. H., Jr. (Cut Stone)
Young's Sons & Co. (Cut Stone)
UTICA—*Conley Frank E. Stone Co. (Blue & Crushed)
Fuller's Electric Stone Works
McNierney Bros. (Flagging & Cut Contractors)
VOORHEESVILLE — *Cummings Bros. (Blue)
WALTON — *Connor Martha L. (Blue Stone)
Shaw Herbert (Blue Stone)
WARSAW—*American Blue Stone Co.
WATERLOO—*Thomas G. C. & Bros.
YONKERS—Corkery Jno. J. (Blue)
Kellock Jas. A. Cut Stone Co.

NORTH CAROLINA.

ASHEVILLE—*Balfour Quarry Co.
CHARLOTTE—Ward W. W. & Son (Dealers)
GREYSTONE—*Lineham P. & Sons (Cut Contractors)
MOUNT AIRY—(See Granite Producers)
SANFORD—*Carrington & Gonella Stone Co.
WINSTON-SALEM—*Bennett Bros.

OHIO.

ADA—Tressel Jas. G.
ALLENTOWN—(P. O. Address Elida, O.), Long, T. C.
AMHERST—*Amherst Cut Stone Co.
Blum & Dilbridge (Cut Stone Contractors)
Ohio Quarries Co. (Buff & Blue Ohio Sandstone, Sawed Stone a Specialty)
ASHTABULA—Smith Wm. & Son Co., (Stone, Cut)
BEACH CITY—*Winfield Bros. & Co.
BELLEFONTAINE—Paterson Monumental Works (Cut Stone)
BELLEVUE—*Higgins Stone Co.
Patterson Monumental Works
BEREA—*Middleburg Stone Co. Office, Elyria, O.
BERLIN HEIGHTS—*Baillie Stone Co.
BLOOMVILLE—*France Co.
BLUFFTON—Bluffton Stone Co. (Office, Lima, O.)
BUCYRUS—*Broken Sword Stone Co.
CAMBRIDGE—Pyles Thos. (Flagging)
CANTON—Bauhaf Bros. (Cut Stone)
Lang E. D. (Cut Stone)
CAREY—*National Lime & Stone Co. (Limestone)
CARROLLTON—*Marshall Jesse
CINCINNATI—*Bauer Jno. G., 1 Quebec rd, nr Price Hill
Buckeye Marble Co. (Cut Contractors), 12 E. 3d
Buente Louis C. (Stone Yard), 3656 Spring Grove av, Cum.
Cincinnati Crushed Stone & Gravel Co., Union Central bldg
Contractors' Stone & Gravel Co., N & W Ry., Newton
Giese Frank, Viaduct & Big 4
Hall Thos. J., 450 E Pearl
Hummel David Building Co. (Cut Contractors), 2629 Spring Grove av
Kentucky Freestone Co., 2629 Spring Grove av
*Kentucky-Rockcastle Stone Co., Merchants' bldg
*Kirchner Construction Co., 221 W 9th
Lang C. & Son, Vine & Ehrman av, Avon
Mersch Frank & Sons, 1037 Wade
Miami Stone & Gravel Co., Union Cent. bldg
Moores-Coney Co. (Limestone), St. Paul bldg
Nagele Anton, 2168 Western av
Pielage Henry & Co. (Freestone & Limestone), 1032 Flint
Raff Allan Ross & Co., Greenwood bldg.
Spinks T. W. Co., 22 W 8th
*Spitzmiller Jos., 2192 Shadwell
*Spitzmiller L., 2197 Clara
World's Fair Wrecking Co. (Freestone, etc), Richmond & Horne
CLEVELAND—*Amherst Stone Quarries Co.
Baillie Stone Co., The Arcade
Blum & Delbridge (Cut Contractors), Bittern av & E 73d
Brook John (Cut Contractors), 2169 E 28th
*Burgess C. H., Euclid Quarries
*Caine Stone Co. (Sandstone), Warner rd & C & P Ry
Carabelli Jos. Monumental Works (Cut Stone), 12317 Euclid av
*Cleveland Stone Co. (Sandstone, Blue, Buff, etc), Leader News bldg
*Columbia Stone Co. (Sandstone), Soc. for Sav. bldg
Dolomite Products Co. (Limestone) 1110 Euclid av
*Euclid Stone & Brick Co., ("Euclid" Steps, Sills, Block, Flagging, etc)
*Grafton Stone Co., Hickox bldg
*Kelley Island Lime & Transport Co. (Limestone)
*Malone Stone Co. (Sandstone, Blue, Buff, etc), Garfield bldg
*Maxwell-Rolf Stone Co., Williamson bldg
Ohio Quarries Co. (Ohio Sandstone, Sawed Stone & Specialty), Citizens' bldg. Quarries & Mills: Amherst, O.
*Rackle Geo. & Sons Co.
*Spence Bros. (Crushed Limestone & Trap Rock)
Wenner F. L., 1335 W 116th
CLOVERDALE—Blosser John S.
COLUMBUS—*Capital Lime Stone Co.
*Casparis Stone Co. (Cut & Crushed), Clinton bldg
*Columbus Macadam Co., 319 Dublin av
*Fish Stone Co. (Cut Contractors), Main West of Canal
Kientz John (Cut Stone), 464 W State
Lang E. & C. (Cut Contractors)
Mueller H. W. (Dealer)
CONSTITUTION—Constitution Stone Co. (Sandstone & Grindstones)
CONVOY—*Carey J. B.
COVINGTON—*Jackson Stone Co.
Ruhl J. W.
DAYTON—Hermann Bros. (Cut Stone & Mills)
DELAWARE—*Scioto Lime & Stone Co.
DELPHOS—*Fisher Aaron (Building & Crushed)
EIFORT—*Morgan & Horton (Limestone)
ELYRIA—*Middleburg Stone Co.
FINDLAY—*Hancock Stone Co. (Crushed, etc)
Smith A. M. (Cut Stone)
*Tarbox & McCall (Limestone, Crushed, etc)
FORT JENNINGS—*Fort Jennings Stone Co.
FREMONT—*Gottron Bros. Co. (Limestone)
*Swint Bros. Stone Co.
FULTON—*Fulton Stone Co.
GREENFIELD—*Rucker Quarries (Limestone)
HAMILTON—Stewart F. P. Granite Co. (Cut Contractors)
HOLLAND—*France Stone Co.
INDEPENDENCE—*Faudel Henry J.
IRONTON—Wileman & Heibling
KELLEYS ISLAND—Kelley Island Lime & Transport Co.
KENTON—Kenton Marble & Granite Co. (Cut Stone)
LAFAYETTE—*Watt Bros.
LEETONIA — *Shenango Limestone Co. (Limestone)
LEWISBURG—*Lewisburg Stone Co.
LIMA—*Bluffton Stone Co.
*Interstate Stone Co.
*Lewisburg Stone Co.
*Lima Cut Stone Co.
LOWELLVILLE—*Carbon Limestone Co. (Branch of Youngstown, O.)
LYKENS—Harer G. V. & Co.
McDERMOTT—*McDermott Stone Co. (Blue & Buff Sandstone, Sawed or in the Block)
*Waller Bros. Stone Co.
MADISONVILLE—Julien Jas. (Cut Contractor)
MANSFIELD—Fraser Granite Co. (Dealers)
Wolff, E. M. & Co.
MAPLE GROVE—*Holram Stone Co. (See Cleveland)
MARBLE CLIFF—*Casparis Stone Co. (See Columbus, O.)

MARIETTA—McLaren & Wommer (Cut Stone)
*Marietta Stone Co.
MARION—*Evans John Stone & Lime Co.
*Hamilton J. M.
Hinamon D. M.
*Ohio & Western Lime Co. Office, Huntington, Ind.
MASSILLON—*Massillon Sand & Stone Co. (Sandstone)
*Massilon Stone & Fire Brick Co.
Heinhart Jno. & Son (Contractors)
Sonnhalter Sand & Stone Co.
MIDDLEPOINT—*Erie Stone Co.
NEW PARIS—*Reinheimer Quarries Co.
NEW PHILADELPHIA—Beiter Jos. (Cut Stone)
PANDORA—*Schumacher Stone Co.
PATTERSON—*Herzog Jno. & Son (Building)
PIQUA—*Ohio Marble Co.
PORTSMOUTH—*Bodmer A. W.
SANDUSKY—*Butler Stone Co.
SCOTTS CROSSING—*Ford E. J.
Ford J. C.
SPRINGFIELD—*Houlton Samuel P., Lagonda Creek
*Jenkins John W. (Limestone)
*Mills Bros. (Building, Bridge, Flagging, etc)
*Rubsam W. A.
STEUBENVILLE—*La Belle Iron Works (Limestone, all Consumed by the Company)
Steubenville Stone Co.
SYLVANIA—*Sylvania Stone Co. (Crushed, etc) (Office, Toledo, O.)
TIFFIN—Weott Lime & Stone Co.
TOLEDO—Doherty Lime & Stone Co. (Limestone), The Spitzer
Eckhardt Monumental Co. (Cut Stone)
*Erie Stone Co.
*France Stone Co.
Knopp Bros Co. (Cut Contractors)
Libbe Henry (Stone Yard, Flagging, etc.), Champlain, nr. Elm
Lloyd Bros. Co., W Central & Auburn avs
*Melmore Stone Co.
Neukom Albert Cut Stone Co. (Cut Contractor), 140 Ottawa
Peck C. & Son (Contractors)
*Stony Ridge Stone Co. (Crushed)
*Sylvania Stone Co. (Crushed, etc)
*Toledo Stone & Glass Sand Co., Ohio bldg
*Whitehouse Stone Co.
URBANA—Heatherman Patrick (Contractor)
VAN WERT—*Big Four Crushed Stone Co. (Crushed)
Erie Stone Co. (Crushed, etc.)
*France Co.
WARREN—Trumbull Stone & Sand Co.
WASHINGTON, C. H.—Burke P. J. Monumental Works (Cut Stone)
WATERVILLE—*France Stone Co.
WHITE HOUSE—*Whitehouse Stone Co.
YOUNGSTOWN—*Bessemer Limestone Co. (Limestone)
Campbell Bros. Co. (Dealers)
*Carbon Limestone Co.
*Interstate Limestone Co.
*Lake Erie Limestone Co.
*Republic Iron & Steel Co. (Limestone, all Consumed by the Company)
*Union Limestone Co.
ZANESVILLE—Cary F. S. & Co. (Cut Stone)

OKLAHOMA.

ARBUCKLE—*Dolese Bros. Co. (See Chicago)
MUSKOGEE—*Muskogee Crushed Stone Co.
RICHARDS—*Dolese Bros. Co. (See Chicago, Ill.)

OREGON.

PORTLAND—St. Helens Quarry Co. (Building Stone, etc) Blake-McFall bldg

PENNSYLVANIA.

ALLENTOWN—Kline & Sacks (Cut Contractors)
Romig & Bear (Cut Stone)
Shoemaker G. W. & Co. (Cut Stone)
ALTOONA—Bell-Bockel Co.
McGinley Cut Stone Co. (Cut Stone)
Vipond John S. (Cut & Flagging)
ANNVILLE—*Annville Stone Co.
'Calcite Quarry Co.
*Millard J. B. & Son
AVONDALE—*Williamson Frank & Co.
BECHTELSVILLE—Hoffman, Oliver D.
BETHAYRES—*Jarrett F. H.
BIRDSBORO—*Birdsboro Stone Co. (See Phila., Pa.)
*Dyer John T. Quarry Co.
*Schuykill Stone Co. (Building, Bridge, etc)
BITTINGER—*Steacy & Wilton Co. (Limestone)
BLAIRSVILLE—Murray C. F. & Son
BRIDGEPORT—*Tyson Jacob L.
BRISTOL—Bannister Marble & Granite Works (Flag & Building Stone Cutter)
BURMONT—*Maher Philip & Son
BUTLER—Hobaugh & Weiner
*Schaffner Geo.
CANOE CREEK—*Blair Limestone Co. (Limestone) (See Pittsburgh, Pa.)
CARNEGIE—Carnegie Brick & Stone Co.
Fort Pitt Stone & Brick Co.
CHESTER—Burns D. H. (Blue)
*Chester Stone Co.
*Hanna Stone Co.
*Leiper Callender I.
*Leiper Mrs. Eliza
*Miller Alexander
CONNELLSVILLE—Palmer Bros. (Cut Stone)
CONSHOHOCKEN—*Conshohocken Stone Quarry
Daly Michael
*Derr Walter (Ivy Rock)
O'Neill Stone Co.
DANVILLE—Evans T. L. Sons (Cut Contractors)
EARLSTON (P. O. Everett, Pa.)—*Thropp Joseph E. (All Limestone for Blast Furnace Use)
EASTON—General Crushed Stone Co. (Inc.) (Crushed R. R. Ballast, etc.)
Howell's D. J. Sons (Cut Stone)
Kelly Patrick & Son (Blue)
EDGEHILL—*Comly Frank T
*Edge Hill Silica Rock Co.
ELLWOOD CITY—*Clydesdale Brick & Stone Co.
Consolidated Stone & Mining Co.
Ellwood Stone Co.
EPHRATA—Bolster Bros. Cut Stone)
FRANKSTOWN—American Lime & Stone Co.
GREEN LANE—*Davis Trap Rock Quarry Co.
*Perkiomen Crushed Stone Co. (Crushed, etc)
GREENSBURG—Unity Sand & Stone Co.
GREENVILLE—*Greenville Silica Co.
GROVE CITY—Robert J. Breckenridge Stone Co.
HANOVER—Meyers Emanuel B. (Limestone)
HARRISBURG—Black Jno. (Cut Contractor)
HAZLETON—*Kehoe & Co.
HOLLIDAYSBURG—§Baldridge E. R. & Co. (Limestone)
HOMESTEAD—Erbeck F. J. (Cut Contractor)
JOHNSTOWN—Bader & Huebner
*Cambria Steel Co. (Limestone, all consumed by the Company) Main Office: Philadelphia, Pa.
Rowena Stone & Sand Co.
Schenkemeyer Chas. & Sons
Somerset Stone Co.
KING OF PRUSSIA—*Schweyer Hy. A. Co.
KUTZTOWN—*Kutztown Lime & Crushed Stone Co. (Crushed)
LANCASTER—*Betz Jacob
Haldy Marble & Granite Works
Heidig John B.
Hook John H
Lancaster Cut Stone Co.
Moedinger's Jno. M. Sons
Penna. Stone, Cement & Supply Co.
LEBANON—*Hauck A. B.
*Lebanon Stone Co.
*Maillard J. B. & Son
*Mount Gretna Brownstone Co.
McKEESPORT—Bowman Bros. Co. (Freestone)
Winters Edwin (Cut & Flagging)
McKEES ROCKS—Petty Wm.
MERCER—Robinson N. T. (Flagging)
MESHOPPEN—*Ridgway B. & Son (Penns Blue)
MORTON—*Hill W. V.
MYERSTOWN — *Calcite Quarry Co. (Limestone. (See Annville, Pa.)
*Ebling John D.
*Millard J. B. & Son. (See Lebanon, Pa.)
NAGINEY — *National Limestone Co. (Limestone)
NEW CASTLE—*Beaver Valley Sandstone Co.
*Great Northern Sand & Stone Co.
*Isabella Limestone Co.
*Johnson Geo. W. Limestone Co. (Limestone)
*Lawrence Limestone Co.
*Mahoning Limestone Co.
*National Stone Co.
*New Castle Limestone & Clay Co.
*Pittsburg Limstone Co.
*Rose Point Stone & Lime Co
*Shenango Limestone Co.
NICHOLSON—*Franklin Stone Co.
*Shields Moses Sons (Cut & Sawed)
NORRISTOWN—*Dyer John T. Quarry Co. (Building & Crushed)
Landis William G. (Flagging & Cut)
*Lukens & Yerkes
Sullivan W. M. (Cut, Contractor)
OIL CITY—*Lesher & Roess (Sandstone)
*Pearson Andrew P. (Sandstone)
PALMYRA—*Dietz W. G. (Limestone)
PERKASIE—*Wamsher Harry G.
PHILADELPHIA — Ambler-Davis Co., Harrison bldg
*Birdsboro Stone Co. (Road & Concrete, Crushed, etc), Bulletin bldg
Buck & Gallagher (Cut Contractors), 25th & Morris
Cambria Steel Co. (Limestone, all consumed by the Company) Widener bldg
Clark & Co., 4415 Fkd
Copeland Hugh & Sons (Cut Contractors), Washington & 24th
Costigan Lawrence, Church la & Baynton, Gtn
*Davis Trap Works, Parkway blvd
Delaware River Quarry & Const. Co., Com'l Tr. bldg.
Dodds Jno. A. (Cut Contractors), 2929 Ellsworth
Dolan T. & J., 316 S 24th
Dyer John T. Quarry Co., Harrison bldg
Eastern Marble & Granite Works, 2700 Diamond
France David Co. (Crushed & Building), Tasker st Wharf
Garrett Jas. & Co., 1432 S Penn sq
General Crushed Stone Co., North American bldg
Gray Wm. & Sons Co. (Cut Stone Contractors), 30th, Bel Walnut
Hagan John & Co. (Stone Yard), cor Comly ab Del.
Harrison R. C. & Co., (Wholesale) 3d & Allegheny
Hastings & Morrison (Cut Contractors & c Saw Mills), 1510 Wash'n av
Hauser John, 2333 Ridge av
Holmesburg Granite Co., Commercial Trust bldg
Ireland W. H., 1220 Filbert
Kirkpatrick Bros. (Cut Stone Contractors), 1047 S 23d
Lambertville Stone Quarry Co., 1218 Filbert
Law & Burwell (Cut Contractors), Union & Ogden
*Lukens & Yerkes, St. Girard bldg
Maxwell's Jno. Sons (Blue), 30th, below Spruce
O'Neil Jerry, F. & Wyoming
Peoples Bros. (Building & Crushed), 25th & Callowhill
*Phila & Conshohocken Stone Quarry Co.
Reilly Thos. (Cut Contractor), 7th & Sedgley
*Richardson & Ross Quarry Co., Penna bldg
*Ridgway B. & Son (Wyoming, Blue, Rough & Cut Work), N 9th & Columbia av
Rutan Jno., 1305 Arch
Ryder & Jenkins, 3637 Woodland av
Shanley J. F. Co. (Heavy Masonry), Commercial Trust bldg
Tyson J. L., 900 Jeff
PHOENIXVILLE—Detwiler Monumental Works (Cut Contractor)
PITTSBURGH—Bachman Adam, 16 S 22d
Blair Limestone Co.
Booth & Flinn (Ltd.), 1942 Forbes av
Brogan Edward (Cut Contractor), 1215 Franklin, N S

PENNSYLVANIA—Pittsburgh—continued
*Carnegie Steel Co. (Limestone for Their Own Use), Carnegie bldg. Quarries at Mercer, Pa.
§Cleveland Stone Co., 316 4th av
*Clydesdale Brick & Stone Co., Oliver Bldg
*Clydesdale Stone Co. (Bridge, Rubble, Dimension, etc), Oliver bldg
*Consolidated Stone & Mining Co. (Sand Stone), 307 5th av
Coutts Thos. Co. (Cut Contractors), 3324 Smallman
Craig Stone Co., Oliver bldg
Dallas & Nardulli, 608 Larimer av
Damm Jos., 1403 East
Downey & McDermott, Homewood av & Mt. Vernon
Ellwood Stone Co., House bldg
Fritz Geo., 1213 East N S
Haffner-Veder Cut Stone Co., 1024 Peralta
Happ Louis (Cut Contractor), 1315 Penna av
Hartbauer Daniel, 4109 Liberty av
Indiana Quarries Co. (Blue & Buff, Oolitic Ind., Limestone), Empire bldg, Quarry & Mills: Oolitic Ind.
Knox, Strouss & Bragdon (Cut Contractors), Juniata & Preble
Morrison Bros. Co. (Cut Contractors), 459 South
*Republic Iron & Steel Co. (Limestone, all Consumed by the Company), Oliver bldg
*Shenango Limestone Co.
*Walkers Mills Stone & Brick Co., Keenan bldg
Ward J. H. & Sons Co., Park & Nelson
West End Stone & Brick Co., 121 Wabash
Winfield Sand Co. (Limestone), 2d National Bank bldg
Wissner Henry, 1715 Wash'n av N S
Wolf Louis, Berlin
PLYMOUTH MEETING—Cox Lime & Stone Co. (Limestone)
POINT PLEASANT—*Heaney Nicholas L.
PORT KENNEDY—*Erwin Arch. B. (Limestone)
POTTSTOWN—§Nagle Geo. W. (Dimension)
QUAKERTOWN—*Clark Josiah (Flagging)
READING—Faust John K. & Son
Mt. Penn Sand & Stone Works, 316 N 10th
RIDGWAY—*Ridgway Sand & Stone Co.
RIDLEY PARK—*Harper Walter
ST. MARYS—Dippold Fred M. (Cut Stone)
SCHWENKVILLE—Koons Frederick S.
SCRANTON—*Carlucci Nicholas (Cut Contractors)
Ruddy M. J. (Cut Contractor)
*Stipp Peter & Sons (Blue & Yellow)
Sykes Samuel & Son (Cut Contractors)
*White Haven Quarry Co.
SHAMOKIN—Barr Peter
SHARON—McIntyre Wm. & Sons (Cut Stone Contractors)
SOUDERTON—*Progressive Realty Co.
SOUTH BETHLEHEM—*Bethlehem Steel Co. (Limestone, All Consumed by the Company)
STEELTON—§Cumbler Geo. W. (Est. of) (Limestone)
Messenger Bros. (Cut Stone)
Penna. Steel Co. (See Phila., Pa.)
TEMPLETON—*Templeton Limestone Co. (Limestone, etc)
TYRONE—§American Lime & Stone Co. (Limestone)
WALKERS MILLS—*Walkers Mills Stone & Brick Co.
WALTONVILLE—*Brown Stone Store Co. (Rough, Sawed & Dressed Building Stone & Cut Contractors)
WAMPUM—*Beaver Valley Sandstone Co. (See New Castle, Pa.)
*Cambrian Limestone Co.
Clydesdale Brick & Stone Co. (See (See Pittsburgh)
*Consolidated Stone & Mining Co. Pittsburgh)
WAYNE—*Johnson Richard H. Co.
*McClellan Wm.
WAYNESBORO—*Decarbonated Lime & Stone Co. (Limestone)
WEST CHESTER—Corcoran Construction Co.
WEST CONSHOHOCKEN—*O'Brien Louis H.
*Phila. & Conshohocken Stone Quarry Co.
WEST GROVE—*Penna. Marble & Granite Co. (Cut Contractors) (See Phila., Pa.)
WILKES-BARRE—Schmidtt's John A. Sons (Laurel River Red)
Stemmer & Geick (Cut Stone)
WILKINSBURG—Holmes Bros.
Iron City Stone & Const. Co. (Cut Contractors)
*New Kensington Stone Co. (Bridge, Curb & Rubble, etc)
WILLIAMSPORT—Carothers A. K.
Gibbons J. E. (Cut Stone)
Steumpfle's David Sons
Susquehanna Stone Co.
YARDLEY—*Eastburn Chas. T.
YORK—*Baker J. E. Co. (Limestone & Lime Mfrs.)
York Cut Stone Co. (Cut Contractors)
§York Valley Lime Co. (Limestone)

RHODE ISLAND.

EAST PROVIDENCE—*McCormick Jos. (Foundation, Building & Crushed)
NEWPORT—Riggs Geo. H.
PROVIDENCE—Bishop J. W. & Co. (Cut Limestone Contractors)
Goff Jas. C. Co. (Blue), 31 Point
Manchester & Hudson Co. (North River Blue), 55 Point
Norcross Bros. Co. (Brown & Red, Sand & Cut Contractors), 49 Westminster

SOUTH CAROLINA.

COLUMBIA—Hyatt F. H.

SOUTH DAKOTA.

SIOUX FALLS—Ballard & Son (Cut Stone)
Perry Geo. H. (Dealer)

TENNESSEE.

CHATTANOOGA—Chickamauga Quarry & Construction Co.
*Hooker Limestone Co. (Limestone)
Troutt John & Co. (Cut Contractors)
MEMPHIS—Aitken David R. (Cut Stone)
Anderson Axel (Cut Contractors)
Christie Cut Stone Co. (Cut Contractors)
Jenkins Thos. & Co. (Cut Stone)
Kastner Cut Stone Co. (Cut Stone)
Morriss Bros. (Cut Contractors & Sawmills)
NASHVILLE—Englebert & Co.
Foster & Creighton Co. Quarries: Rockwood, Ala.
Hardison W. T. & Co. (Dealers)
Nashville Cut Stone Co. (Cut Stone)

TEXAS.

AUSTIN—*Austin White Lime Co. (Limestone)
DALLAS—Moore & Co. (Dealers)
DENISON—Chamberlain A. P. (Cut Stone)
EL PASO—*Dudley & Orr
Pioneer Marble & Granite Works (Cut Stone)
*So. Western Portland Cement Co.
FORT WORTH—Henderson James G.
Hughes David
U. S. Engineering & Construction Co.
Wells M. J. (Cut Stone)
HOUSTON—Zerbe Marble & Granite Works

UTAH.

OGDEN—Mitchell Bros. (Cut Contractors)
SALT LAKE CITY—Ashton-Whyte Stone Co.
Johnson C. O. (Cut Stone)
*Utah Consolidated Stone Co.

VERMONT.

See Granite Producers, Workers & Dealers also Marble Producers

VIRGINIA.

NORFOLK—Consolvo & Overmeyer
PORTSMOUTH—Ogg A.
RICHMOND—American Stone Co.
Gemmel Bros., 902 Catharine
Mason Wm. R. (Cut Contractor), 1601 W Marshall
Matzke Otto A. (Cut Contractor)
ROANOKE—*Roanoke Stone & Lime Co.
SCHUYLER—*Virginia Soapstone Co. (Soapstone)

WASHINGTON.

SKYKOMISH—*Maloney John
SPOKANE—Sterling Stone Co.
Washington Monumental & Cut Stone Co.
TACOMA—Donnellan & McKenzie (Cut Contractors)
Walker Cut Stone Co. (Cut Contractors)
TENINO—*Hercules Sandstone Co.
*Tenino Stone Co. (Sand Stone)

WEST VIRGINIA.

BUNKER HILL—*Baker J. E. Co. (Limestone & Lime Mfrs.)
HINTON—Noel R. E.
KINGWOOD—*Kingwood Quarries Co. ("Kingwood," "Yellow")
MARTINSBURG—*Blair Limestone Co. (Office, Pittsburgh, Pa.)
*Security Cement & Lime Co. (See Baltimore, Md.)
*Standard Lime & Stone Co. (See Baltimore, Md.)
MORGANTOWN—Boyd Caleb B.
NEW CUMBERLAND—*Kings Creek Quarry Co.
ROWLESBURG—*Preston Bluestone Co.
WHEELING—Rosenberg J. H. Jr.
Valley Star Stone Co.

WISCONSIN.

ABLEMAN—*Gall Wm.
CHIPPEWA FALLS—Colfax Stone Co.
CLINTONVILLE—Melzer William (Building & Cutter)
DE PERE—*Wobosel Matthew
DUCK CREEK—*Brunette M.
FOND DU LAC—*Standard Lime & Stone Co.
GREEN BAY—*Greenleaf Stone Co.
LA CROSSE—*La Crosse Stone Co. (Crushed, Paving, Building, etc)
LANNON—*Davis Bros.' Stone Co.
*Flanagan Jno. J. Jr.
*Harmon & Son
*Lake Shore Stone Co.
MANITOWOC—Kettenhofen N. (Cutter)
MARBLEHEAD—*Nast Bros. Lime & Stone Co. (Limestone)
*Union Lime Co. (Limestone) (See Milwaukee, Wis.)
MILWAUKEE—Andres Stone & Marble Co. (Cut Contractors), Keefe av & Richards
*Empire Lime & Stone Co. (Limestone)
General Construction Co. (Cut Contractors), 3038 Galena
*Froerning Bros. Quarry Co.
Kies Wolfgang, 3310 Vliet
*Lake Shore Stone Co., 1st Nat. Bank bldg
Lannon Crushed Stone Co., 3019 Wright
*Manegold A. F. & L., 47th & State
Manz Joseph, 1609 Clark
Mattusch Frank & Co. (Cut Contractors), 3702 Chestnut
Meyers Bros. (Cut Contractors), 342 E North av
Schmidt P. & Co. (Cut Contractors), 3038 Galena
Sivyer Steel Casting Co.
*Story Bros. (Limestone), Blue Mound rd
Union Lime Co.
Tingley C. Wallace (Cut Contractor), 720 31st
Vollbrecht & Olsen, 753 South Canal
*Wauwatosa Stone Co. (Limestone), Loan & Trust bldg.
*Western Lime & Cement Co., Pabst bldg
Wilce John
OSHKOSH—§Cook & Brown Lime Co. (Limestone)
*Lutz Robt. (Building & Crushed)
RACINE—*Fox Lime & Stone Co. (Limestone)
*O'Laughlin John Stone Co. (Building, Rubble & Crushed)
*Universal Crushed Stone Co. (Crushed, etc)
SHEBOYGAN—Scheele Henry Jr. (Cut Contractor)
*Sheboygan Lime Works (Lime Stone)
WAUKESHA—*Waukesha Lime & Stone Co.
WAUWATOSA—*Manegold A. F. & L.
Zimmerman John Co.

14345— Stone Renovators

Dye Bros., 100½ W 54th, New York
Finney C. H. & Sons, 139 W 53d, New York
Fordham Stone Renovating Co. (Granite, Marble & Brownstone Renovated & Pointed), 417 E 34th, New York
National Stone Renovating Co., 409 W 55th, New York
Paris Stone Renovating Co., 5 Great Jones, New York
Smith N. & Co., 131 Columbus av, New York
Zaput & Bendish, 254 W 65th, New York

Stone Rubbing Beds

See Rubbing, Beds, Stone, Slate, etc.; also Machinery, Stone Polishing

14346—Stone Saw Blades (Steel)

Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Elyria Iron & Steel Co., Cleveland, O.
Oldham Joshua & Sons, 112 26th, Brooklyn, N. Y.
Sharon Steel Hoop Co., Sharon, Pa.

14347— Stone Screenings

A. & C. Stone & Lime Co., 17 N Pennsylvania av, Indianapolis, Ind.
Arrell Limestone Co., Youngstown, Ohio
Bessemer Limestone Co., Youngstown, O.
Biesanz Stone Co., Winona, Minn.
Producers Material Co., 29 S La Salle, Chicago, Ill.
Stowell Mfg. Co. (Granite), Culver av, Jersey City, N. J.
Toledo Stone & Glass Sand Co., Toledo, O.
Waukesha Lime & Stone Co., Racine, Wis.
West Leechburg Steel Co., Farmers' Bank Bldg, Pittsburgh, Pa.
Winfield Sand Co., 2d National Bank bldg, Pittsburgh, Pa.

14347a— *Stone Skips

See also Skips, Stone & Cement

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

14347b— *Stone Sleds

See also Sleds (Stone)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

14348—Stone Stair Treads, Platforms & Risers

Euclid Stone & Brick Co., Cleveland, O.

14349— Stone Urinal Slabs

Alberene Stone Co. (Soapstone), 223 E 23d, New York
Euclid Mfg. Co., Padden City, W. Va.
Euclid Stone & Brick Co., (Slabs & Stalls) Cleveland, O.

14349a—*Stonekote (Exterior Cement Plaster)

GARDEN CITY SAND CO., Chamber of Commerce bldg, Chicago, Ill.

14350— Stoners (Cherry, Peach, Etc.)

Cassady Fairbank Mfg. Co. ("Manchardt's"), 6126 S La Salle, Chicago, Ill.
Enterprise Mfg. Co. of Pa. ("Enterprise"), **3rd & Dauphin, Phila., Pa.**
Goodell Co. (Family), Antrim, N. H.
Mapes E. B. & Co., South Haven, Mich.
New Standard Hardware Works (Cherry), Mt. Joy, Pa.
Rollman Mfg. Co. (Ltd.), Mount Joy, Pa.
Wrightsville Hardware Co. ("Brighton" Cherry Stoner), Wrightsville, Pa.

14350a—Stones (Commutator)

Handy Supply Co., 11737 Detroit av, Cleveland, Ohio
Ideal Commutator Dresser Co., 8 S. Dearborn, Chicago, Ill.

14351— Stones (Emery)

Amer. Emery Wheel Wks. (Corundum), Providence, R. I.
Bridgeport Safety Emery Wheel Co., Bridgeport, Conn.
Carborundum Co. (Carborundum & Aloxite), Niagara Falls, N. Y.
Norton Co. (Alundum & Crystolon), Worcester, Mass.
Pike Mfg. Co., Pike, N. H.
Safety Emery Wheel Co., Springfield, O.
Superior Corundum Wheel Co., Waltham, Mass.
Tanite Co., Stroudsburg, Pa.
Vitrified Wheel Co., Westfield, Mass.

14352—Stones (Glass Cutters')

Norton Company, Worcester, Mass.
Pike Mfg. Co., Pike, N. H.

14353—Stones (Lithographing)

Senefelder Litho Stone Co., 32 Greene, New York

14354—Stones (Oil & Water)

American Emery Wheel Works, Providence, R. I.
American Hone Co., Olean, N. Y.
Bracher Co., Belleville, N. J.
Carborundum Co. (Carborundum & Aloxite & Natural), Niagara Falls, N. Y.
Chicago Wheel & Mfg. Co., 1101 W Monroe, Chicago, Ill.
Dixon Wm. (Jobbers), 39 John, New York
Luther Grinder Mfg. Co. ("Dimo Grit"), 285 So. Water, Milwaukee, Wis.
Norton Co. ("India"), Worcester, Mass.
Oliver Machinery Co. ("Oliver"), Grand Rapids, Mich.
Pike Mfg. Co., Pike, N. H.
Scranton Whetstone & Abrasive Wheel Co. ("Hindostan"), Scranton, Pa.
Star Corundum Wheel Co., 241 Cavalry av, Detroit, Mich.
Superior Corundum Wheel Co., Waltham, Mass.
Tanite Co., Stroudsburg, Pa.
Vitrified Wheel Co., Westfield, Mass.

14355— Stones (Pulp)

Lombard & Co. (English New Castle), 236 A, Boston, Mass.

14356— Stones (Rubbing)

Eureka Rubbing Stone Co. (For Car & Carriage Painters, etc), 157 W Austin, Chicago, Ill.

14357— Stones (Scythe)

Bracher Co., Belleville, N. J.
Carborundum Co. (Carborundum & Aloxite), Niagara Falls, N. Y.
Chicago Wheel & Mfg. Co., 1101 W Monroe, Chicago, Ill.
Cleveland Stone Co., Leader News bldg, Cleveland, O.
Norton Co. (Alundum & Crystolon), Worcester, Mass.
Pelkey W. H., Fair Haven, Vt.
Pike Mfg. Co., Pike, N. H.
Superior Corundum Wheel Co., Waltham, Mass.

14358— Stones (Shelling)

Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.

14359— Stones (Tool)

Carborundum Co. (Carborundum & Aloxite), Niagara Falls, N. Y.
Chicago Wheel & Mfg. Co., 1101 W Monroe, Chicago, Ill.
Cleveland Stone Co., Leader News bldg, Cleveland, O.
Ohio Quarries Co., Citizens' bldg, Cleveland O. Quarries & Mills: Amherst, Ohio
Pike Mfg. Co., Pike, N. H.

14360—Stoneware (Chemical)

Behrend F. (Imported), 54 Front, New York
Dorchester Pottery Works, 9 Preston, Boston, Mass.
General Ceramics Co., 50 Church, New York
Graham Chas. Chemical Pottery Works, 986 Metropolitan av, Brooklyn, N. Y.
Hood B. Mifflin, Atlanta, Ga.
Knight Maurice A., East Akron, O.
Remney Richard C. Son Co., Hedley & Delaware River, Phila., Pa.
Uhl Pottery Co. (Jars, Churns, Crocks, Jugs, etc), Evansville, Ind.
United States Stoneware Co. (Receivers, Pipes, Pots, Faucets, Tanks, Retorts), Akron, O.
Weeks Arthur J., Akron O.

14361— Stools (Adjustable)

American Seating Co., 14 E Jackson blvd, Chicago, Ill.
Ohio Mfg. Co. (Steel Factory), P. O. Box 358, Painesville, O.
See adv index at end of book
Toledo Metal Furniture Co. ("Eureka"), Toledo, O.

14362— Stools (Folding)

Cook C. A. Co. ("Utility"), Cambridge, Mass.
Sterling Foundry Co. ("Sterling" Step Ladder), Sterling, Ill.

14363—Stools (Steel Factory & Office)

Angle Steel Stool Co. (Angle Steel Legs), Otsego, Mich.
Arnold S. G. ("Guttman" Adjustable), 2619 W Vanburen, Chicago, Ill.
Bayer-Rothgeb Co., Los Angeles, Cal.
Bernstein Mfg. Co. (Factory Stools & Chairs), 3d & Westmoreland, Phila., Pa.
Buffalo Metal Furniture Mfg. Co., Buffalo, N. Y.
Celina Specialty Co., Celina, O.
Clark W. J. Co., Salem, O.
Cleveland Wire Spring Co. (Adjustable), Cleveland, O.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Jenks H. F. Co. (Factory), Pawtucket, R. I.
Kalamazoo Steel Goods Co., 412 E Ramson, Kalamazoo, Mich .
Lothrop Mfg. Co., 15 W Kinzie, Chicago, Ill.
Manufacturing Equipment & Engineering Co., 136 Federal, Boston, Mass.
New Britain Machine Co. ("New Britain" Factory Adjustable), 190 Chestnut, New Britain, Conn.
OHIO MFG. CO. (Adjustable Steel Factory), P. O. Box 358, Painesville, O.
See adv index at end of book
United Steel & Wire Co., Battle Creek, Mich.

14364— Stools (Store)

Andrews A. H. Co. (Metal), 115 S Wabash av, Chicago, Ill.
Bryan Novelty Mfg. Co. ("Triumph" Auto, "Ideal" Auto, "20th Century," "Yunck" & "Bryan"), Bryan, Ohio
Buffalo Metal Furniture Mfg. Co. ("Neverwear" Revolving Top, etc.), Buffalo, N. Y.
Celina Specialty Co. (Metal), Celina, O.
Chicago Hardware Foundry Co. (Revolving), North Chicago, Ill.
Cook C. A. Co. ("Utility," Folding Counter), Cambridge, Mass.
Jenkins Machine Co. (Revolving), Sheboygan, Wis.
Pauck E. Machine Co. (Metal), Toledo, O.
Toledo Metal Furniture Co. ("Perfection," "Service," "Model" Steel, also Pedestal), Toledo, O.

14364a— *Stools (Wooden)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

14365—Stoppers (Bath & Basin)

See also Stopples, Rubber

Canfield H. O. Co. ("Canfield" Rubber), Bridgeport, Conn.
Goodrich B. F. Co. (Rubber), Akron, O.
Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.
Mechanical Rubber Co. (Rubber), Cleveland, O.
Schacht Rubber Mfg. Co. ("Daisy" Rubber), Huntington, Ind.
Wolverine Brass Works, Grand Rapids, Mich.

14366— Stoppers (Bottle)

See also Corks, Crown

Aetna Bottle & Stopper Co., 54 Peck, Providence, R. I.
Bernardin Bottle Cap Co. ("Cyclone"), Evansville, Ind.
Canfield H. O. Co. (Rubber), Bridgeport, Conn.
Carr-Lowrey Glass Co., Westport, Baltimore, Md.
Hutter Karl ("Hutter" Porcelain), 241 Lafayette, New York
Interstate Bottle Stopper Co., 168 39th, Brooklyn, N. Y.
Koscherak Stopper Co. (Porcelain), 489 5th av, New York
Schacht Rubber Mfg. Co. ("Daisy"), Huntington, Ind.
Taplin Mfg. Co. ("Victor"), New Britain, Conn.
U. S. Bottle Stopper Co., 37 Maiden la, New York
Whitall, Tatum Co. (Glass), 410 Race, Phila., Pa.

Stoppers (Carboy)

See Stoneware, Chemical

Stoppers (Flue)

See Stops, Flue

14367—Stoppers (Gas Main)

Behringer Edw. A. Inc. ("Behringer" & "Perfect"), 275 Pearl, New York
Safety Gas Main Stopper Co. ("Goodman"), 263 E 133d, New York

14368-9—Stoppers (Milk Bottle)

Chapin R. E. Mfg. Works, Batavia, N. Y.

14370-1—Stoppers (Plumbago)

Bartley Jonathan Crucible Co., Trenton, N. J.
McCullough-Dalzell Crucible Co. (For Bessemer & Open Hearth Furnaces), 36th & A. V. R. R., Pittsburgh, Pa.
Ross-Tacony Crucible Co. (For Steel Works), Robbins & Milner, Phila., Pa.
Stevens Frederick B. ("Stevens"), 3d & Larned, Detroit, Mich.

Stoppers (Wooden For Various Purposes)

See Plugs, Wood

14372—Stoppers & Nozzles (Ladle)

Seidel R. B. (Inc.) (For Open Hearth & Bessemer Ladles), 1332 Callowhill, Phila., Pa.

14373— Stopples (Rubber)

Continental Rubber Works, Erie, Pa.
Davol Rubber Co., 69 Point, Providence, R. I.
Faultless Rubber Co., Ashland, O.
Goodrich B. F. Co., Akron, O.
Goodyear Tire & Rubber Co., Akron, O.
Hodgman Rubber Co., 8 W 40th, New York
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mechanical Rubber Co., Cleveland, O.
Mercer Rubber Co., Hamilton Square, N. J.
National India Rubber Co., Bristol, R. I.
N. Y. Belting & Packing Co., 91 Chambers, New York
Parker-Stearns & Co., 286 Sheffield av, Brooklyn, N. Y.
Pennsylvania Rubber Co., Jeannette, Pa.
Quaker City Rubber Co., 629 Market, Phila., Pa.
Revere Rubber Co. (Acid Corks, etc), Chelsea, Mass.
Rubber Stopple Co., West av, Long Island City, N. Y.
Seamless Rubber Co., New Haven, Conn.
Tyer Rubber Co., Andover, Mass.

14374— Stops (Bench)

Bonney Vise & Tool Works ("Common Sense" & "Lightning"), Allentown, Pa. *See adv index at end of book*
Buffum Tool Co. ("Swastika" Carpenters'), South Side, Louisiana, Mo.
Cincinnati Tool Co. ("Hargrave"), Norwood, Cincinnati, O. *See adv index at end of book*
Dicke Tool Co., Downers Grove, Ill.
Morrill Chas. ("Morrill" & "Apex" Brands), 100 Lafayette, New York *See adv index at end of book*
Smith Seymour & Son, Oakville, Conn .
Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.
Vaughan & Bushnell Mfg. Co. ("V. & B." German Pattern), 2114 Carroll av, Chicago, Ill.
Winkler Co., 120 Miller, Newark, N. J.

14375— Stops (Bit)

Millers Falls Co. (Anti-Friction Ball Bearing), 28 Warren, New York

Stops (Boom Foot)

See Eyes, Lacing

14376—Stops (Crane Limit)

Cameron Engineering Co., East Stroudsburg, Pa. *See adv index at end of book*
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*

14377—Stops (Curb & Waste)

Union Water Meter Co., Worcester, Mass.

14378-9— Stops (Flue)

Andrews Wire & Iron Works ("Higgins," "Androck," "Edwards"), Rockford, Ill.
Central Stamping Co., 172 Fulton, New York
Clark J. L. Mfg. Co. ("Glen"), Rockford, Ill.
Crunden-Martin Mfg. Co., 2d & Gratiot, St. Louis, Mo.
Dover Stamping & Mfg. Co., Cambridge, Mass.
Geuder, Paeschke & Frey Co., Milwaukee, Wis. *See adv index at end of book*
Haslet, Flanagen & Co., 116 N 2nd Phila., Pa.
Holt-Lyon Co. (Self Adjusting), Tarrytown, N. Y.
Lalance & Grosjean Mfg. Co. ("Royal"), 299 B'way, New York
Lawson F. H. Co., Cincinnati, O.
National Enameling & Stamping Co., 411 5th av, New York
Peoria Can Co. ("Stay-in"), Peoria, Ill.
Phillips & Buttorff Mfg. Co. (Safety), Nashville, Tenn
Rau Perfect Flue Stopper Co., Louisville, Ky.
Roseland Can & Specialty Co. ("Imperial," "Royal," "Rockford," "Regal"), Rockford, Ill.
Schrayer's M. Sons & Co., 917 W 18th, Chicago, Ill.
Wagner Mfg. Co., Cedar Falls, Ia.
Weber & Kirck Mfg. Co. ("Wagner's"), Keokuk, Iowa

14380—Stops (Planer, Automatic)

Lamb Knitting Machine Co. ("Usher"), Chicopee Falls, Mass.

14381— Stops (Shaft Tug)

Searls Mfg. Co., 29 Mulberry, Newark, N. J.

14382—Stops & Wastes (Compression)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Central Brass Mfg. Co., 6206 Cedar, Cleveland, O.
Exeter Brass Works, Exeter, N. H.
Haines, Jones & Cadbury Co. ("H. J. & C.") 1136 Ridge av, Philadelphia, Pa.
Hoffman & Billings Mfg. Co., 100 2nd, Milwaukee, Wis.
Landers, Frary & Clark, New Britain, Conn.
McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich. *See adv index at end of book*
Milwaukee Brass Mfg. Co., 251 Lapham, Milwaukee, Wis.
Mueller H. Mfg. Co. (Also Ground Key), Decatur, Ill.
Peck Bros. & Co. ("Universal"), New Haven, Conn.
Stebbins E. Mfg. Co., Springfield, Mass.
Walworth Mfg. Co., Boston, Mass.

14832a—*Storage Battery Locomotive

See also Locomotives (Storage Battery)
Lakewood Engineering Co., Cleveland, O. *See adv index at end of book*

14383—Store Front Construction

Brasco Mfg. Co. (Copper), 145 S Michigan av, Chicago, Ill.
Braun J. G., 609 S Paulina, Chicago, Ill.
Coulson J. W. & Co., Columbus, O.
Crowthers & Rogers Mfg. Co., St. Joseph, Mo.
Detroit Show Case Co., 480 Fort W, Detroit, Mich.
Hester Mfg. Co. (Copper), 1455 S Michigan av, Chicago, Ill.
Kawneer Mfg. Co. ("Kawneer"), Niles, Mich.
Love Bros., Aurora, Ill.
Mesker Geo. L. & Co. (Copper), Evansville, Ind.
Perfection Metal Bar Co. ("Perfection" Metal & Metal Covered Wood), 3321 Lorain av, Cleveland, O.
Shultz All Steel Corner Post Co. ("Shultz" Corner Posts & Metal Window Bars), St. Joseph, Mo.
STANDARD PLATE GLASS CO. (Jobbers), 30 Sudbury, Boston, Mass.
Sullivan-Korber Co., 2437 W 21st pl, Chicago, Ill.
Thorne Hold Fast Metal Bar Co., Troy, N. Y.
Voltz Mfg. Co. ("Universal"), 914 Penn, St. Joseph, Mo.
Zouri Drawn Metals Co., Chicago Heights, Ill.

14384— Store Fronts (Brass & Bronze)

Coulson J. W. & Co., Columbus, O.
Detroit Show Case Co. ("Desco"), Detroit, Mich.
Flour City Ornamental Iron Works, 27th & 27th av, Minneapolis, Minn.
GORHAM CO. ARCH'L BRONZE, 5th av & 36th, New York. Works: Providence, R. I. *See adv index at end of book*
Heath-Johnson Co., 300 W Ontario, Chicago, Ill.
Herzog Iron Works, St. Paul, Minn.
Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill. *See adv index at end of book*
Thorne Hold-Fast Metal Bar Co., Troy, N. Y.
TYLER W. S. CO., Cleveland, O. *See adv index at end of book*
Verdeckberg Iron & Wire Works Co., Denver, Col.
Voltz Mfg. Co., 914 Penn, St. Joseph, Mo.

Store Fronts (Cast Iron)

See Firms in Iron, Archectural & Ornamental, marked with (*) Star

14385— Store Fronts (Galvanized Iron)

Berghofer Mitchell Co., Quincy, Ill.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O. *See adv index at end of book*
Freund Jacob Roofing Co., Mitchell av & B & O S W Ry, Cincinnati, O.
Gara McGinley Co., 23 S 17th, Phila., Pa.
International Steel & Iron Co., Evansville, Ind.
Klauer Mfg. Co., Dubuque, Ia.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Mesker Geo. L. & Co., Evansville, Ind.
Messenger & Parks Mfg. Co., Aurora, Ill.
Milwaukee Corrugating Co., Milwaukee, Wis.
NATIONAL SHEET METAL ROOFING CO., 339 Grand, Jersey City, N. J. *See adv index at end of book*
Newburgh Cornice Works, Newburgh, N. Y.
Penn Metal Ceiling & Roofing Co. (Ltd.), 23d & Hamilton, Phila., Pa.
Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
St. Paul Roofing, Cornice & Ornament Co. (Also Copper), West St. Paul, Minn.

Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
Siddons John Co., Rochester, N. Y.
Souther E. E. Iron Co., Kienlin & Hamburger, St. Louis, Mo.
Sullivan-Korber Co., 2437 W 21st pl, Chicago, Ill.
Watson Jas. H. Co., Bradley, Ill.

14386—Store Fronts & Show Windows (Glass)

Crane Glass & Mfg. Co., 206 St. Clair av, Cleveland, O.
Shane O. W. Glass Co., York, Pa.
Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
Zouri Drawn Metals Co., Fine Arts bldg, Chicago Heights, Ill.

14387— Store & Bar Fixtures

Adams & Kelly Co., Omaha, Neb.
American Fixture Co., 20th & York, San Francisco, Cal.
Ammann Mfg. & Const. Co., 163 Av D, New York
Bangs C. H. Druggists' Fixture Co. (Drug Store), Reading, Mass.
Beardslee-Graham Showcase Co., Seattle, Wash.
Brunswick-Balke-Collender Co., 629 S Wabash av, Chicago, Ill.
Buffington I. T., Elizabethtown, Pa.
Bush Jas. S. (Office & Store), 239 B'way, New York
Capital City Furniture Co. (Bank, Store, Bar, Church, etc), 639 Jackson, St. Paul, Minn.
Chicago Store & Office Fixture Co., 820 S Clinton, Chicago, Ill.
Cleveland Store Fixture Co., Cleveland, O.
Combination Door Co. (Store & Office Fixtures), Fond du Lac, Wis.
Curtis, Towle & Paine Co., Lincoln, Neb.
Curtis & Yale Co. (Wholesale Mfrs. of Bar, Hotel, Bank, Store & Office Fixtures). Wausau, Wis.
Dean C. P. Corp., Richmond, Va.
Detroit Show Case Co. (Store), 480 Fort W, Detroit, Mich.
Detroit Store Fixture Co., Detroit, Mich.
Fincke Oscar, 1916 Bryant, San Francisco, Cal.
Fischer Bros., 5 E 137th, New York
Fisher-Morris Co. (Drug Store), Charles City, Ia.
Ganter F. X. Co. cor Sharp & Ostend, Baltimore, Md.
Glaser, Rohrer & Co., (Drug Store) 502 E 74th, New York
Grand Rapids Show Case Co. (Store), Grand Rapids, Mich.
Herdman Sash, Door & Lumber Co., Zanesville, O.
Huck Mfg. Co. (Drug, etc), Quincy, Ill.
Huss Bros. Fixture Co., 25 W Baker, Cincinnati, O.
Kleeman Wm. & Co., 101 Park av, New York
Kloak Bros. & Co., 12 E. 3rd, Cincinnati, O.
Koehler & Hinrichs, St. Paul, Minn.
Kurtz Bros., Bethlehem, Pa.
Loeper Anton & Sons, Ashland, Pa.
Lookout Planing Mills, Chattanooga, Tenn.
McPhee & McGinnity Co., Denver, Colo.
Maclean J. S., Spring & Water, Columbus, Ohio
Mansfield R. & Son, Louisville, Ky.
Nalle & Co., Austin, Tex.
National Refrigerator & Fixture Co., 8th & Park av, St. Louis, Mo.
N. Y. Store Fixture Co., 5 E 137th, New York
Northey Mfg. Co., Waterloo, Ia.
Norwich Nickel & Brass Co., Norwich, Conn.
Passow & Sons (Bar), 2101 S Allport, Chicago, Ill.
Phoenix Furniture Co., Eau Claire, Wis.
Quincy Show Case Works (Bank, Office, Drug Store, Jewelry, etc), Quincy, Ill.
Reeber's J. Sons Co., Canal pl & 138th, New Ybrk
Reinle-Salmon Co., (Drug Store), Warner & Stockholm, Baltimore, Md.
Rieser Ely J. & Co. (Drug, Saloon, Cigar, etc), 1st av & 28th, New York
Russ Co., 5700 Walworth av, Cleveland, O.
Russell A. N. & Sons Co., Ilion, N. Y.
St. Louis Bank Equipment Co., 811 Walnut, St. Louis, Mo.
Scott N. S. Co., 440 Adelphi, Brooklyn, N. Y.
Segale Mfg. Co., 68 E Spring, Columbus, Ohio
Seger & Gross Co., (Drug Store) 518 W 55th, New York
Segelke & Kohlhaus Mfg. Co., La Crosse, Wis.
Simmons Wood Working Co., Williamsport, Pa.
Sorensen O. J., La Crosse, Wis.
Southern Cal. Hardwood & Mfg. Co., 1430 S Alameda, Los Angeles, Cal.
Springfield Planing Mill, Lumber & Construction Co., Springfield, Mo.
Staudte & Reuckoldt Mfg. Co., 112 Soulard, St. Louis, Mo.
STEARNS A. T. LUMBER CO., 100 Taylor, Neponset, Boston, Mass.
See adv index at end of book
Stevens Benj. A. Co. (Butchers' & Store Fixtures), Toledo, O.
Struck Alfred Co., Louisville, Ky.
Sun Mfg. Co. (Store Only), Columbus, O.
Taylor Mfg. Co., Princeton, Ind.
Viking Refrigerator & Mfg. Co. (Store), 1305 Walnut, Kansas City, Mo.
Waddell Co., Greenfield, O.
Walker Bin Co. (Grocery, etc), Penn Yan, N. Y.
Washburn Williams & Co., Scranton, Pa.
Western Cabinet & Fixture Mfg. Co. Kansas City, Mo.
Western Planing Mill Co., Wichita, Kans.
Whitcomb Cabinet Co., Kansas City, Mo.
Williams & Hunting Co., Cedar Rapids, Iowa

14388—Storm Doors & Windows

Adams & Kelly Co., Omaha, Neb.
Bardwell-Robinson Co., 24th av N & 2d, Minneapolis, Minn.
Carr & Baal Co., Des Moines, Ia.
City Sash & Door Co., (Wholesole Mfrs.) 132 E Lake, Minneapolis, Minn.
Columbus Iron Works (Wholesale Mfrs), Columbus, Ga.
Combination Door Co. (Combination Door & Screen), Fond du Lac, Wis.
Curtis & Yale Co. (Wholesale Mfrs), Wausau, Wis.
Gordon Vantine Co., Davenport, Ia.
Kuhn Sash & Door Co. (Wholesale Mfrs), 204 N E 7th, Minneapolis, Minn.
Osgood & Blodgett Mfg. Co., Duluth av & E 7th, St. Paul, Minn.
Phenix Mfg. Co. ("Phenix"), Humboldt av c Center, Milwaukee, Wis.
Sanders Bros. Mfg. Co., Ottawa, Ill.
Williams & Hunting Co., Cedar Rapids, Ia.

14389— Stove Boards

Belding-Hall Co., Belding, Mich.
Matthiessen & Hegeler Zinc Co. (Blanks), La Salle, Ill.
Merchant & Evans Co., 2035 Washington, Philadelphia, Pa.
See adv index at end of book
Porter C. B. Co., 128 N 2d, Phila., Pa.
Wabash Screen Door Co., 72 W Adams, Chicago, Ill.

14390-1— Stove Linings

Ashland Fire Brick Co., Ashland, Ky.
Atlas Co., Lincoln, N. J.
Baltimore Terra Cotta Works, 1300 Covington, Baltimore, Md.
Bickford Fire Brick Co., Curwensville, Pa.
Brooklyn Fire Brick Works, 88 Van Dyke, Brooklyn, N. Y.
Colebrook's W. H. Sons ("Crown" Plastic Asbestos), Syracuse, N. Y.
Columbia Fire Brick Co., Canton, O.
Dighton Stove Lining Co., Dighton, Mass.
Fox E. S. & Co., Reading, Pa.
Garfield Fire Clay Co., Robinson, Pa.
Hall & Sons, Buffalo, N. Y.
Louisville Fire Brick Works, Louisville, Ky.
McHenry James, 2310 Washington av, Phila., Pa.
McLeod & Henry Co., 360 1st, Troy, N. Y.
Marcy Stove Repair Co., 74 Beekman, New York. Foundry: Perth Amboy, N. J.
Peekskill Fire Brick Works, Peekskill, N. Y.
Portsmouth Refractories Co., Portsmouth, Ohio
Presbrey Stove Lining Co., Taunton, Mass.
Rogers & Co., Royersford, Pa.
Rutland Fire Clay Co. ("Rutland," "Champion" Plastic), Rutland, Vt.
Standard Stove Lining Co., Taunton, Mass.
Thomas Buckwalter & Co., Royersford, Pa.
Union Stove Lining Co., Taunton, Mass.
Williams Stove Lining Co. (Brick), Taunton, Mass.

14392— Stove Mfrs.

ALABAMA.

BIRMINGHAM—Avondale Stove & Fdry. Co.
Birmingham Stove & Range Co. ("Delights," "Areoles," "Crackerjacks")
BRIDGEPORT—Jacobs E. P. Mfg. Co.
FLORENCE—Martin Store & Range Co.
GADSDEN—A. & J. Mfg. Co.
MOBILE—Mobile Stove & Pulley Mfg. Co.
SHEFFIELD—King Stove & Range Co. ("King Bee," "Crown")

CALIFORNIA.

LOS ANGELES—Dutwiler M. E.
SAN DIEGO—Ingle Mfg. Co.
SAN FRANCISCO—Graham Jas Mfg. Co. ("Wedgewood," Gas, Coal & Wood), 531 Mission
Ils John G. & Co., 839 Mission
San Francisco Stove Works, 260 Townsend
Steiger & Kerr Stove & Foundry Co. (Stoves, Ranges, etc), 2201 Folsom

COLORADO.

PUEBLO—Pueblo Brass & Iron Foundry ("Regent")

CONNECTICUT.

STAMFORD—Stamford Fdry. Co. (Parlor, Store, Factory & Laundry)
Stamford Gas Stove Co. (Stoves, Ranges & Furnaces, etc)

GEORGIA.

ATLANTA—Atlanta Stove Works
ROME—Bowie Stove Co.
Hanks Stove & Range Co.
Southern Co-Operative Foundry Co.

ILLINOIS.

AURORA—Rathbone, Sard & Co. (Stoves, Ranges, Stationary & Portable)
BELLEVILLE—Baker Stove Works
Belleville Stove & Range Co.
Eagle Foundry Co.
Orbon Stove & Range Co.
Perfect Stove & Mfg. Co.
Quality Stove & Range Co.
BENTON—Sanitary Stove Mfg. Co. (Gas & Coal Ranges, etc)
BLOOMINGTON—Co-Operative Stove Co.
CHICAGO—American Stove Co. (Geo. M. Clark & Co. Division), 179 N Michigan av
Chicago Stove & Range Co., 2023 S Clark
Cole Mfg. Co. ("Cole's" Hot Blast Stoves & Ranges, "Radiant"), 3218 S Western av
Cribben & Sexton Co., 680 N Sacramento blvd
Crown Stove Works, 4631 W 13th
Detroit Stove Works (of Detroit, Mich.), 2921 S La Salle
Home Stove Works, 2622 W 18th
Mason, Davis & Co. ("M. & D."), 7740 S Chicago av
Peninsular Stove Co., 438 S Canal
Stearnes Co., 215 N Michigan av
Superior Stove Works, 832 W Superior
FULTON—Mississippi Valley Stove Works
GRANT WORKS—Crown Stove Works.
JOLIET—Moore Bros. Co. ("Moore's" Stoves)
NEW ATHENS—Auto Stove Works
PEORIA—Culter & Proctor Stove Co.
QUINCY—Channon-Emery Stove Co.
Comstock-Castle Stove Co. ("Economy"
Excelsior Stove & Mfg. Co. (Stoves, Ranges, etc, "National")
Gem City Stove Mfg. Co. (Ranges, Heaters & Furnaces)
Lahan Stove & Mfg. Co.
Quincy Fdry. & Novelty Co.
Quincy Stove Mfg. Co.
Sheridan Stove Co.
Travilla M.
White Thos. Stove Co.
ROCK ISLAND—Rock Island Stove Co. ("Riverside")
ST. CHARLES—Faultless Iron Works (Malleable Iron)

INDIANA.

EVANSVILLE—Advance Stove Works
Crescent Stove Wks. (Stoves, Ranges, etc)
Evansville Stove Works (Stoves & Hollow Ware)
Indiana Stove Works
Southern Stove Works (Stoves & Ranges)
HUNTINGTON—Majestic Co.
INDIANAPOLIS—Home Stove Co.
Indianapolis Stove Co.
Utility Stove & Range Co. ("Searchlight")
KOKOMO—Globe Stove & Range Co. (Steel Ranges)
MARION—Hoosier Stove Co.
Marion Stove Co.
NEW ALBANY—Anchor Stove & Range Co. (Anchor)
Gohmann Bros. & Kahler Co.
SOUTH BEND—Engman-Matthews Range Co.
Malleable Steel Range Mfg. Co.

IOWA.

CEDAR RAPIDS — Leonard Hi-Oven Range Co.
KEOKUK—American Stove & Range Co.
OTTUMWA—McCarroll Mfg. Co.

KANSAS.

LEAVENWORTH—Great Western Stove Co.
WICHITA—Moore Bros.

KENTUCKY.

AUGUSTA—Augusta Stove Foundry
CANE VALLEY—Dudgeon Co.
COVINGTON—Insurance Foundry Co.
Star Foundry Co.
LOUISVILLE—Anchor Stove & Range Co.
Bridgeford & Co.
Fischer-Leaf Co.
Graf-Webb Iron Mfg. Co.
Kentucky Stove Co.
O. K. Stove & Range Co. (Stoves, Ranges, etc)
Stratton & Terstegge Co., 15th & Main

MAINE.

BANGOR—Noyes & Nutter Mfg. Co.
Wood & Bishop Co.
PORTLAND—Portland Stove Fdry. Co. (Stoves, Ranges, etc)
WATERVILLE—Noyes Stove Co.

MARYLAND.

BALTIMORE — Bartlett Hayward Co. (Brick Set & Portable Ranges, Stoves, Furnaces, etc.), Scott & McHenry
Bibb B. C. Stove Co., 109 Light
Hutchinson Bros., 5 S Howard
Sexton S. B. Stove & Mfg. Co., 500 Block W, Conway
Sheppard Isaac A. & Co. (Furnaces, Stoves & Ranges), c Eastern av & Chester
Weiskittel A. & Son Co. ("Fire King," "Golden Rule" & "Patapsco"), 12th & E Lombard
PERRYVILLE—Armstrong Stove & Mfg. Co.

MASSACHUSETTS.

BOSTON—Howes S. M. Co. ("Howes" Ranges), 42 Union
Magee Furnace Co., 38 Union
Smith & Anthony Co. ("Hub"), 52 Union
Walker & Pratt Mfg. Co. (Furnaces, Ranges & Stoves), 31 Union
MANSFIELD — Chilson Furnace Co. ("Chilson," "Boston," "Arlington")
NORTH DIGHTON—North Dighton Co-operative Stove Co. ("Oakland")
OTTER RIVER—Lord, Stone & Co.
PLYMOUTH—Plymouth Fdry. Co.
SOMERSET—Somerset Stove Foundry Co.
TAUNTON—Dighton Foundry Co. ("Winthrop" & "Dighton" Stoves, Ranges, etc)
Leonard & Baker Stove Co.
Thomas Oscar G.
Weir Stove Co. ("Glenwood")
White-Warner Co.
WATERTOWN—Walker & Pratt Mfg. Co.

MICHIGAN.

BATTLE CREEK—A. B. Stove Co.
DETROIT—Art Stove Co. ("Laurel"), Russell & Milwaukee
Detroit Stove Wks. (Cooking & Heating for Gas, Wood & Coal), 1320 Jefferson
Michigan Stove Co. ("Garland" Stoves, Ranges & Furnaces), Adair & Jefferson E
Peninsular Stove Co., 8th & Fort
DOWAGIAC—Beckwith P. D. (Inc.), ("Round Oak" Heating Stoves & Furnaces)
KALAMAZOO—Kalmazoo Stove Co.
LAPEER—Bostick Stove Co.
OWOSSO—Independent Stove Co. ("Renown")

MINNESOTA.

MINNEAPOLIS—Smith System Heating Co. (Heating & Ventilating for Schools)
ST. PAUL—Joesting & Schilling Co., 379 Sibley
Wolterstorff Range Co., 66 E 3rd.
SHAKOPEE—Minnesota Stove Co.
STILLWATER—Daily L. W.

MISSOURI.

HANNIBAL—Duffy-Trowbridge Stove Mfg Co.
INDEPENDENCE—Independence Stove & Fdry. Co.
KANSAS CITY—Security Stove & Mfg. Co. ("Security") 17th & Oakland av
ST. LOUIS—American Stove Co., 827 Chouteau
Bokern F. T., 217 Market
Bridge & Beach Mfg. Co., 1st & Valentine
Buck's Stove & Range Co., 3500 N 2d
Charter Oak Stove & Range Co., Antelope & Conduit
Copper Clad Malleable Range Co., 520 N. Commercial
Green's Car Wheel Mfg. Co. ("Cannon" Cast Iron Heating), 3018 N B'way
Heinz C. Stove Co., 100 N 2d
Hemp & Co., Vanderventer, nr Shaw
Majestic Mfg. Co., 2014 Morgan
Quick Meal Stove Co. (Div. Amer. Stove Co.), 2001 S Kingshighway
Ringen Stove Co., 827 Chouteau av
Simmons Hardware Co. (Stoves & Ranges), 9th & Spruce
Willard W. G., 316 Chestnut
Wrought Iron Range Co., 5661 Natural Bridge av
SPRINGFIELD—Woods-Evertz Stove Co.
VALLEY PARK—Wilson Stove & Mfg. Co.

NEBRASKA.

RALSTON—Howard Stove Works

NEW HAMPSHIRE.

CONCORD—Ford Foundry Co.
SALMON FALLS—Somersworth Fdry. Co.

NEW JERSEY.

DOVER—Richardson & Boynton Co.
JERSEY CITY—Colby E. B. & Co. ("Colbe" Combination Range, for Coal, Wood & Gas), Hoboken av
NEWARK—Thatcher Furnace Co. (Stoves & Ranges, Portable & Stationery), 36 St. Francis
SOMERVILLE—Somerville Stove Works
TRENTON—Mott J. L. Iron Works (Coal & Gas)

NEW YORK.

ALBANY—Brohm & Molitor
Rathbone, Sard & Co. ("Acorn" Stoves, etc.)
BUFFALO—Buffalo Co-Operative Stove Co. ("Amherst")
Jewett & Co. ("Jewett")
Pohlmann John W. Fdry Co., 205 Baltz av
CORNING—Corning Mfg. Co.
FRIENDSHIP—Drake Hdw. Co.
GENEVA—Phillips & Clark Stove Co. ("Andes")
Summit Foundry Co.
MANLIUS—Cheney S. & Son
NEW YORK—Graff Furnace Co. ("Faultless"), 105 E 29th
Grinberg Bros., ("Prize Plymouth," "Atlantic," "Puritan," "Caboose," "New Prize," "Peerless," "Royal," "New Royal," "Grand Eagle," "Radiant"), 154 South
Manhattan Stove Co., 6 Platt
New York French Range Co., 188 Chambers
Southard-Robertson Co., 257 Water
Thatcher Furnace Co. (Stoves & Ranges, Portable & Stationary), 135 W 35th
Union Stove Works ("Avon," "Bronx") 70 Beekman
PEEKSKILL—Mohegan Stove Co.
Southard-Robertson Co.
Union Stove Works (Furnaces, Ranges, Heaters, etc)
PORT CHESTER — Abendroth Bros. (Stoves & Ranges)
PORT JERVIS—Swinton & Co.
ROCHESTER—Co-Operative Foundry Co. ("Red Cross Victor")
Galusha Stove Co. ("Norman")
Kennedy & Co.
Sill Stove Works (Coal & Gas Combination Ranges & Furnaces)
SYRACUSE—Landers W. H. Co.
TROY—Burdett, Smith & Co. ("Aladdin")
Fuller & Warren Co. (& Base Burners, "Stewart Oak")
Gold Coin Stove Co.

NORTH CAROLINA.

GREENSBORO—Glascock Stove & Mfg. Co. (Cooking & Heating Stoves)

OHIO.

AKRON—Taplan-Rice-Clerkin Co. ("Climax" Stoves & Ranges)
ALLIANCE—Fuel Saver Stove Co.
ATHENS—Athens Stove Co.
BELLAIRE—Bellaire Stove Co. ("Star")
BELLEVUE—Conway Stove Co.
CINCINNATI—Bardes E. H. Range & Fdry. Co.
Fischer Wm. G. Stove & Range Co., 320 Plum
Huenefeld Co. (Also Ranges, "Boss," "Uneeda," "Success" & "Selma")
Klaine F. A. & Co., Front & Central
Miller Wm. Range & Furnace Co., 7th & Broadway
Monitor Stove & Range Co. ("Monitor" Radiator Heating Stoves), C. H. & D. Ry. nr Gest
Van John Range Co., 5th & B'way
CLEVELAND — Champion Stove Co. ("Champion" Interchangeable, Gas, Coal & Wood), 4001 W 25th
Cleveland Co.-Operative Stove Co. ("Grand"), 2323 E 67th
Dangler Stove Co. (Div. Amer. Stove Co.), 5017 Perkins av
New Process Stove Co. (Div. Amer. Stove Co.), 4415 Perkins av
Ohio Foundry Co., E 71st & Stanton
Reliable Stove Co., 1787 E 40th
Republic Stove & Mfg. Co.
Superior Foundry Co. (Laundry), E 71st & W. & L. E. Ry.
Tinnerman Stove & Range Co., 2038 Fulton rd
COLUMBUS—Emrich C., 371 S High
Hertenstein M. Co., 1409 S. High
Lattimer Stove Co. ("L. W." Stoves & Ranges)
Ohio State Stove Co.
Quad Stove Mfg. Co.
CRESTLINE—Schill Bros. Co.
DAYTON—Gem Stove Co.
Kramer Bros. Fdry. Co.
DELAWARE—Sun Ray Stove Co.
ELYRIA—Fox Furnace Co. (Furnaces, Ranges & Stoves "Forest City," "Cannon," "Star Oak," "Royal," "Princess," "Czarina," "Radiant")
FREMONT—Fremont Stove Co.
Lincoln Stove Co.

GALLIPOLIS—Thompson Francis Stove Co.
Treasure Stove Co.
HAMILTON—Estate Stove Co. (Coal, Wood & Gas Stoves, Ranges & Furnaces)
HILLSBORO—Bell C. S. Co. (Heavy Heating & Caboose "Mogul")
IRONTON—Foster Stove Co.
MANSFIELD—Eclipse Stove Co. (Stoves & Ranges)
MARIETTA—Nye A. T. & Son Co.
MARTINS FERRY—Spence-Baggs Stove Co.
MASSILLON—Hess-Snyder Co. (Heating & Cooking, Boomer)
NEWARK—Wehrle Co. (Stoves & Ranges)
NEW PHILADELPHIA—Sharp Mfg. & Supply Co. ("Excelsior")
PIQUA—Favorite Stove & Range Co.
PORTSMOUTH—Ohio Stove Co.
Portsmouth Stove & Range Co. ("Model," "Equity")
SALEM—Victor Stove Co. ("Victor" Coal & Gas)
TOLEDO—Toledo Stove & Range Co. "Gem" Stoves & Ranges)
ZANESVILLE—Jones Chas. H.
Weidig Foundry Co.

OKLAHOMA.

SAND SPRINGS—Tulsa Stove & Fdry. Co.
TULSA—Queen Bee Stove Co.

PENNSYLVANIA.

BEAVER FALLS—Howard Stove Co.
BOYERTOWN—Union Mfg. Co.
COLUMBIA—Keeley Stove Co. ("Columbian")
DANVILLE—Danville Stove & Mfg. Co. ("Beaver")
ERIE—American Beauty Stove Co.
Eriez Stove & Mfg. Co.
Germer Stove Co. ("Radiant")
Odin Stove Mfg. Co.
GIRARD—Lake Erie Foundry Co. ("Ruby")
JOHNSTOWN—Century Stove & Mfg. Co. (Gas)
LEHIGHTON—Crescent Stove & Mfg. Co.
Lehigh Stove Mfg. Co.
MIDDLETOWN—Wincroft Stove Works (Gas & Coal & "Wincroft" Ranges)
PHILADELPHIA—Columbia Record Stove Co., 624 S 2d
Cox Abraham Stove Co., American cor Dauphin
Diller, Caskey & Keen (Stoves, Heaters & Ranges), 6th cor Berks
Kappler-Fox Fdry Co., York & Thompson.
Liberty Stove Co., 308 Chestnut
Phila. Stove & Iron Foundry Co. (Furnaces, Stoves & Ranges), 1631 N 5th
Roberts & Mander Stove Co., Washington av & 11th
Sabin Frederick & Co., 237 Bread
Sheppard Isaac A. Co. ("Paragon," "Excelsior" Furnaces, Stoves & Ranges), Erie & Sepviva
Thomas, Roberts, Stevenson Co., American & Dauphin
PITTSBURGH—Stove & Range Co. of Pittsburgh (Stoves & Ranges), Preble av, nr Superior bridge
PITTSTON—Pittston Stove Co. (Stoves, Ranges, etc., "Pittston," "Happy Thought", "Favorite," "New Enterprise," "Thrift," "Pocono," Standard," "Magnet," "Cotton Wood," "Oakwood," "Redwood," "Cute")
POTTSTOWN — March-Brownback Stove Co. ("Globe" Ranges, etc)
Printz & Sevison
POTTSVILLE—Pottsville Fdry. & Stove Co.
QUAKERTOWN—Quakertown Stove Works
READING—Mt. Penn Stove Works
Prizer-Painter Stove Co. ("Prizer" Stoves, Ranges & Furnaces)
Reading Stove Works ("Sunshine" (Stoves, Ranges & Heaters)
ROCHESTER—Olive Stove Works
ROYERSFORD—Buckwalter Stove Co. (Ranges, "Canopy," "Apollo," etc)
Floyd-Wells Co.
Grander Stove Co. (Stoves, Portable & Brick Set Ranges, Heaters, etc)
SCRANTON—Scranton Stove Works ("Dockdash")
SINKING SPRING—Manufacturers Fdry. Co.
SPRING CITY—Keystone Stove Foundry (Ranges, Heaters, etc)
Penn Stove & Range Co.
WARREN—Pennsylvania Furnace & Stove Co.

RHODE ISLAND.

PROVIDENCE—Barstow Stove Co., 116 Point

TENNESSEE.

CHATTANOOGA—Mascot Stove Mfg. Co.
Mountain City Stove & Mfg. Co. ("Southern Queen")
Price-Evans Fdry Co. ("Coal King")
Tennessee Stove Works
Vesta Gas Range & Mfg. Co. ("Vesta")
CLEVELAND — Hardwick Stove Co (Sunny South")
KNOXVILLE—Fair Foundry Co.
Knox City Iron Works ("Pearl")
Knox Stove Works
MEMPHIS—Wetter H. Mfg. Co. (Stoves, Ranges, etc) Works: S Pittsburgh, Tenn
NASHVILLE—Allen Mfg. Co. ("Washington" Stove & Ranges)
Jones & Hopkins Mfg. Co. ("Monogram")
Phillips & Buttorff Mfg. Co.
SOUTH PITTSBURGH—Lodge Mfg. Co.
Wetter H. Mfg. Co.

VIRGINIA.

RICHMOND—Cameron Stove Co.
Continental Stove Co.
Richmond Stove Co., 2506 E Main
Southern Stove Works ("Tip Top")
WAYNESBORO—Loth W. J. Stove Co.

WASHINGTON.

EVERETT—Washington Stove Works
SEATTLE—Lang F. S. Mfg. Co.
Puget Stove & Range Co.
TACOMA—Pioneer Stove & Stamping Co.

WEST VIRGINIA.

HUNTINGTON—Huntington Stove & Fdry Co.
West Va. Foundry & Stove Co.
WHEELING—Wheeling Stove & Range Co.

WISCONSIN.

BEAVER DAM—Malleable Iron Range Co. (Ranges)
GRAFTON—Jungers Stove & Range Co.
MILWAUKEE — Fuller-Warren Co. (Ranges, Stoves, etc.) 32nd & Wright
Lindemann A. J. & Hoverson Co. (Stoves, Ranges, etc)
Milwaukee Stove & Heater Co., 100 W Water
NEENAH—Bergstrom Stove Co.

14393—Stove Pipe & Elbow Mfrs.

Adjusto Specialty Co., Springfield, Mass.
Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
Cleveland Elbow Mfg. Co., 1615 Merwin, N. W., Cleveland, O.
Crunden-Martin Mfg. Co., 2nd & Gratiot, St. Louis, Mo.
Decatur Cornice & Roofing Co., New Decatur, Ala.
Dieckmann Ferdinand Co., 2423 Harrison av, Cincinnati, O.
Dover Stamping & Mfg. Co., Cambridge, Mass.
Duluth Corrugating & Roofing Co., Duluth, Minn.
Eclipse Metal Mfg. Co., Eden, N. Y.
Empire Tin Ware Co., 29 S 5th, B'klyn, N. Y.
Excelsior Steel Co., 118 S Clinton, Chicago, Ill.
Excelsior Stove & Mfg. Co., Cambridge, Mass.
Follansbee Bros. Co. ("Security"), Pittsburgh, Pa.
Geisel A. Mfg. Co. ("Economy," "Rival," "Noxall"), 219 S 2nd, St. Louis, Mo.
Glascock Stove & Mfg. Co., Greensboro, N. C.
Grinberg Bros., 154 South, New York
Hemp & Co. ("Yale," "Duplex," "Can't Slip," "Peerless," "Battle Ax," "Galvano"), Vandeventer, nr Shaw, St. Louis, Mo.
Hill Jas. Mfg. Co., 52 Westfield, Providence, R. I.
Howes S. M. Co., 42 Union, Boston, Mass.
Jackes-Evans Mfg. Co. ("Easylock," "Perfection," "Champion Lock," "Crescent"), Main & Tyler, St. Louis, Mo.
Kinne Mfg. Co., 1401 Central av, Minneapolis, Minn.
Letts E. M. (Machinists "O-H" One Piece) Waverly, N. Y.
Lyon, Conklin & Co., ("Lyon," "Tiger"), 19 Balderston, Baltimore, Md.
Mager & Newman Tinware Co., 160 Monroe, New York
Merchant & Evans Co., 2035 Washington av, Philedalphia, Pa.
See adv index at end of book
Mertz John Mfg. Co., Sandusky, O.
See adv index at end of book
Meurer Bros. Co., 575 Flushing av, Brooklyn, N. Y.
Mountain City Stove & Mfg. Co., Chattanooga, Tenn.
National Enameling & Stamping Co., 411 5th av, New York
Newark Steel & Iron Works, 12 Mercer, Newark, N. J.
New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La.
Niles Iron & Steel Roofing Co., Niles, O.
Ohio Corrugating Co., Warren, O.
Reeves Mfg. Co., Dover, O.
Republic Metalware Co. (The), Buffalo, N. Y.
Richmond Stove Co., 2506 E Main, Richmond, Va.
St. Louis Metalware Co., 2507 N B'way, St. Louis, Mo.
Sheet Metal Mfg. Co., Niles, O.
Sheet Metal Specialty Co. (Nested), Follansbee, W. Va.
Stratton & Terstegge Co. (Pipe), 15th & Main, Louisville, Ky.
Wehrle Co., Newark, O.
Whitaker-Gleason Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.

14394— Stove Polish

A. B. Polish Co. ("A. B."), 1515 Haddon av, Chicago, Ill.
Bettes A. O. Mfg. Co. ("Ideal"), 1208 E 12th, Kansas City, Mo.
Black Cat Polish Co., 34 Washington, Buffalo, N. Y.
Black Silk Stove Polish Works ("Black Silk"), Sterling, Ill.
Cambria Paint & Color Co. (Ltd.) ("Sherman's Liquid"), Johnstown, Pa.
Chase, Roberts & Co. ("Nev.-A.-Burn"), West av, Long Island City, N. Y.
Clark Geo. M. & Co. ("Jewell"), 179 N Michigan av, Chicago, Ill.
Colebrook's W. H. Sons (Black Flag), Syracuse, N. Y.
Connors Wm. Paint Mfg. Co. ("American Seal"), Troy, N. Y.
Crow Stove Polish Co. (Crown), 2520 Galena, Milwaukee, Wis.
Dixon Joseph Crucible Co. ("Dixon's," "Carburet of Iron"), Jersey City, N. J.
International Metal Polish Co., ("Blue Ribbon") Quill & Belt Ry., Indianapolis, Ind.
Martin & Martin ("E-Z"), 3005 Carroll av, Chicago, Ill.
Michigan Stove Co. ("Garland," Paste, etc), Detroit, Mich.
Nickel Plate Stove Polish Co. ("Black Kid," "Eagle," "Black Jack"), 362 E Illinois, Chicago, Ill.
Parlor Pride Mfg. Co ("Parlor Pride"), N. Andover, Mass.
Prescott J. L. Co. ("Enameline"), 92 W B'way, New York
Rath Mfg. Co. ("Imperial"), Hedley E of Richmond, Phila., Pa.
Rutland Fire Clay Co. (("Rutland"), Rutland, Vt.
Satin Gloss Polish Co., Portland, Me.
Stinson B. F. & Co. ("Easy Bright"), Buffalo, N. Y.
Utility Co. ("Uko"), 636 W 44th, New York
United States Graphite Co., Saginaw, Mich.
Williams Stove Lining Co. (Liquid & Paste, "Eagle Paste") Taunton, Mass.
Wolf John M. Co. ("Black Flag"), 742 Flushing av, Brooklyn, N. Y.

14395— Stove Trimmings

Adams Co., Dubuque, Ia.
American Tube & Stamping Co. (Nickel-Plated Steel Stove Edge), Bridgeport, Conn.
Arcade Mfg. Co. ("Standard Adjustable," "Perfect" Steel, "Balzan" Steel), Freeport, Ill.
Enamel Products Co. (Enameled Stove Parts), Eddy rd & Taft av, Cleveland, Ohio
Erie Metal Products Co., Erie, Pa.
Fanner Mfg. Co. ("Arctic"), Cleveland, O.
Ireland & Matthews Mfg. Co., Detroit, Mich.
Lynd L. E. Mfg. Co. ("Zero"), Mechanicsville, N. Y.
Matthews H. A. Mfg. Co., Seymour, Conn.
MATTHEWS MFG. CO. (Knobs, Hinge, Pins, Urns, etc), 104 Gold, Worcester, Mass. *See adv index at end of book*
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
National Mfg. Co. ("National"), Worcester, Mass.
N. Y. Nickel Plating & Mfg. Co., 327 E 63d, New York
Scovill Mfg. Co., Waterbury, Conn.
See adv index at end of book
Stover Mfg. Co. (Handles, Knobs, Hinge Pins, etc), Freeport, Ill.
Troy Nickel Works, Albany, N. Y.
Wehrle Co., Newark, O.
Worcester Pressed Steel Co. (Steel Knobs), Worcester, Mass.

14396— Stoves (Acetylene)

Acetylene Stove Co., 1232 E 3d, Cleveland, O.
Colt J. B. Co., 30 E 42d, New York

14397— Stoves (Air Tight)

Duluth Corrugating & Roofing Co., Duluth, Minn.
Keeley Stove Co., ("Columbian"), Columbia, Pa.
Kinne Mfg. Co., 1401 Central av, Minneapolis, Minn.
Southern Stove Works ("Tip Top"), Richmond, Va.

14398— Stoves (Alcohol)

Bing John (Imported), 381 4th av, New York
Buffalo Mfg. Co. (Burning Denatured Alcohol), Buffalo, N. Y.
Cassady Fairbank Mfg. Co. ("Rambler," "Herbert" Small Portable), 6126 S La Salle, Chicago, Ill.
Dangler Stove Co., 5017 Perkins av, ("Dangler"), Cleveland, O.
Durkee Chas. D. & Co., 2 South, New York
Houchin Thos. W. Co. ("Houchin's," "Sunburst"), 36 E 12th, New York
Howler Mfg. Co. (Denatured), Cleveland, Ohio
Lynd L. E. Mfg. Co., Mechanicsville, N. Y.
Manning-Bowman & Co., Meriden, Conn.
Quincy Foundry & Novelty Co. ("Noxall" Denatured), Quincy, Ill.
Silver & Co. ("Silver"), 304 Hewes, Brooklyn, N. Y.
Sweeney W. H. Mfg. Co. ("Meteor"), 30 Main, Brooklyn, N. Y.

14399—Stoves (Alcohol Vapor)

Fargo E. A. Co. (Aluminum), Taunton, Mass.
Landers, Frary & Clark ("Universal"), New Britain, Conn.
Manning-Bowman & Co., Meriden, Conn.
Rochester Stamping Co., Rochester, N. Y.
Sternau S. & Co., 35 Gold, Brooklyn, N. Y.

14400—Stoves (Bakers' Gas)

Hoerlein F. G. ("Hoerlein"), 200 Nostrand av, Brooklyn, N. Y.
Watkins Jas. Y. & Son, 20 Catherine, New York

14401— Stoves (Brass Founders' Drying)

Barnett Oscar Foundry Co. (Round & Square), Irvington, N. J.

14402— Stoves (Brooder)

Simplex Brooder Stove Co., Grand Rapids, Mich.

14403— Stoves (Caboose)

Bell C. S. Co. (Also Heavy Heating), Hillsboro, O.
Buda Co. ("Volcano," "Lewis"), Railway Exchange bldg, Chicago, Ill.
Fuller-Warren Co., ("Stewart"), 32nd & Wright, Milwaukee, Wis.
Gray & Dudley Hardware Co. ("Nebo"), Nashville, Tenn.
Green's Car Wheel Mfg. Co. ("Canon"), 3018 N B'way, St. Louis, Mo.
Jewett & Co., Buffalo, N. Y.
Richmond Stove Co., 2506 E Main, Richmond, Va.
Ross-Meehan Foundries, Chattanooga, Tenn.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
Sexton S. B. Stove & Mfg. Co., 500 Block W Conway, Baltimore, Md.
Southern Stove Works ("Tip Top"), Richmond, Va.
Stove & Range Co. of Pittsburgh, Preble av nr Superior Bridge, Pittsburgh, Pa.
United Iron Works Co., Kansas City, Mo.

14404— Stoves (Camp)

American Gas Machine Co., Albert Lea, Minn.
Cree D. W., Griggsville, Ill.
Crider E. I. & Son, Silex, Me.
Dutwiler M. E., Los Angeles, Cal.
Excelsior Stove & Mfg. Co. ("National"), Quincy, Ill.
Kuder Chas V. & Co., 5315 Wentworth av, Chicago, Ill.
Quad Stove Mfg. Co. ("Quad"), Columbus, Ohio
Richmond Stove Co., 2506 E Main, Richmond, Va.
Rippley Mfg. & Steel Boat Co., Grafton, Ill.
Southern Stove Works ("Tip Top"), Richmond, Va.
Wehrle Co., Newark, O.

14405-6— Stoves (Car)

Buda Co. ("Volcano," "Lewis," "Giant," Caboose & Station), Railway Exchange bldg, Chicago, Ill.
Germer Stove Co. ("Radiant," Car Furnace), Erie, Pa.
Jewett & Co., Buffalo, N. Y.
Michigan Stove Co., Detroit, Mich,
Murray Iron Works Co., Burlington, Ia.
Peninsular Stove Co., Detroit, Mich.

14407—Stoves (Combination Coal & Gas)

Floyd-Wells Co. ("Bengal"), Royersford, Pa.
Fuller-Warren Co., 32d & Wright, Milwaukee, Wis.
Jewett & Co., Buffalo, N. Y.
Peeley Stove Co. ("Columbian"), Columbia, Pa.
Reading Stove Works (Orr, Painter & Co.) ("Sunshine") Reading, Pa.
Spengler-Loomis Mfg. Co., 58 E Washington, Chicago, Ill.

14408—Stoves (Confectioners')

Meek Oven Mfg. Co., Newburyport, Mass.
Mount Penn Stove Works, Reading, Pa.
Peninsular Stove Co., Detroit, Mich.
Watkins Jas. Y. & Son, 20 Catherine, New York

14409— Stoves (Electric)

See also Ranges, Electric

Cadilac Electric Mfg. Co. ("Cadilac" Combination Stove & Toaster, etc), Cadilac, Mich.
Caloric Co., Janesville, Wis.
Copeman Electric Stove Co. ("Copeman" Automatic), Flint, Mich.
Diamond Electric Co. ("Delco"), Binghamton, N. Y.
Edison Electric Appliance Co., Inc. (Hotpoint Div.), 5600 W Taylor, Chicago, Ill.
Fox Elec'l Corp., 119 W 52nd, New York
Landers, Frary & Clark, New Britain, Con.
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
Rutenber Electric Co., Logansport, Ind.
Shaler C. A. Co. ("Shaler" Electric), Waupun, Wis.
Standard Stamping Co., Marysville, O.

14410—Stoves (Electric Disc)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Rochester Stamping Co., Rochester, N. Y.
Shaler C. A. Co., Waupun, Wis.

14411— Stoves (Franklin)

Colonial Fireplace Co., 4631 W 12th, Chicago, Ill.
JACKSON EDWIN A. & BRO. (INC.), 50 Beekman, New York
See adv index at end of book

14412— Stoves (Galley)

Stamford Foundry Co. ("Shipmate"), Stamford, Conn.

14413— Stoves (Gasoline)

A. B. Stove Co., Battle Creek, Mich.
American Stove Co. ("Quick Meal," "Jewell," "Reliable," "Dangler," "New Process," "National"), St. Louis, Mo.
Clark Geo. M. & Co. ("Jewell"), 179 N Michigan av, Chicago, Ill.
Detroit Foundry Co., ("Sun"), Detroit, Mich.
Detroit Vapor Stove Co., Detroit, Mich.
Excelsior Stove & Mfg. Co. ("Monarch"), Quincy, Ill.
Insurance Foundry Co., Covington, Ky.
King Light Co., Peoria, Ill.
National Stove Co. (American Stove Co.), Lorain, O.
Rutherford J. & Son, Akron, O.
Schneider & Trenkamp Co. ("Reliable" Vapor, etc), Cleveland, O.
Schrayer's M. Sons & Co. ("Columbian"), 917 W 18th, Chicago, Ill.
Tures Mfg. Co., 394 6th, Milwaukee, Wis.
Wehrle Co. Newark, O.

14414—Stoves, Heaters & Ranges (Gas)

A. B. Stove Co. ("New Idea" Ranges), Battle Creek, Mich.
Abendroth Bros. ("York" Ranges; also Coal), Port Chester, N. Y.
Acme Stove & Range Co., Carnegie, Pa.
Adams Bros. Mfg. Co., Fayette & Chartiers, Pittsburgh, Pa.
Adler H. Co., Carnegie, Pa.
American Beauty Stove Co. ("American Beauty"), Erie, Pa.
American Foundry & Machine Co., Hamilton, O.
American Range & Foundry Co., Cleveland, O.
American Stove Co. ("Quick Comfort" Heaters, "Quick Meal," "Reliable" & "Jewell" "National" & "New Process" Stoves), St. Louis, Mo.
Anchor Stove & Range Co. ("Anchor," Ranges & Heaters), New Albany, Ind.
Anderson Gas Appliance Co. (Stoves), Anderson, Ind.
Art Stove Co., Detroit, Mich.
Baker Stove Works, Belleville, Ill.
Baltimore Gas Appliance & Mfg. Co. ("Oriole"), Bayard & Hamburg, Baltimore, Md.
Bardes E. H. Range & Foundry Co., Cincinnati, O.
Barstow Stove Co., 116 Point, Providence, R. I.
Bauch Walter (Gas Stoves), 8651 Vincennes rd, Chicago, Ill.
Bellaire Stove Co., Bellaire, O.
Belleville Stove & Range Co. ("St. Clair" Ranges), Belleville, Ill.
Best Stove Co. (Ranges), 39 Atwater E, Detroit, Mich.
Block I. & Son, 393 Pearl, New York
Bucks Stove & Range Co., 3500 N 2d, St. Louis, Mo.
Buffalo Co-Operative Stove Co. ("Amherst" Ranges), Buffalo, N. Y.
Central Oil & Gas Stove Co. (No Ranges), Gardner, Mass.
Century Mfg. Co. (Gas Stoves), 453 Canal, New York

Century Stove & Mfg. Co. ("Century"), Johnstown, Pa.
Chambers Mfg. Co., Shelbyville, Ind.
Champion Stove Co., 4001 W 45th, Cleveland, O.
Charter Oak Stove & Range Co., Antelope & Conduit, St. Louis, Mo.
Charpiot & Mills Mfg. Co., Toledo, O.
Clark Geo. M. & Co. ("Jewel"), 179 N Michigan av, Chicago, Ill.
Columbia Gas Stove Co., Huntington, W. Va.
Continental Brass & Foundry Co., 21 S 4th, St. Louis, Mo.
Co-Operative Foundry Co. ("Red Cross"), Rochester, N. Y.
Crane Wm. M. Co. ("Vulcan" Stoves, Heaters & Ranges), 16 W 32d, New York
Culter & Proctor Stove Co. ("Peoria" Heaters, "Lexington" Ranges), Peoria, Ill.
Dangler Stove Co. ("Gem"), 5017 Perkins av, Cleveland, O.
Daniels Geo. A., 100 William, New York
Danville Stove & Mfg. Co., Danville, Pa.
Detroit Heating & Lighting Co. (Stoves & Ranges), Detroit, Mich.
Detroit Stove Works (Stoves & Ranges), 1320 Jefferson av, Detroit, Mich.
Detroit Vapor Stove Co., Detroit, Mich.
Eclipse Gas Stove Co. ("Eclipse"), Rockford, Ill.
Eclipse Stove Co. ("Eclipse" "Premo"), Mansfield, O.
Economy Stove Co. ("Economy" Ranges), Cleveland, O.
Ephrata Stove Wks., Ephrata, Pa.
Eriez Stove & Mfg. Co. ("Hottentot," "Eriez," "Ideal," "Utility" & "Indian Queen" Ranges, also Heaters), Erie, Pa.
Estate Stove Co., Hamilton, O.
Excelsior Stove & Mfg. Co. ("Monarch" Stoves), Quincy, Ill.
Favorite Stove & Range Co. ("Favorite" Ranges), Piqua, O.
Florence Co. (Stoves & Heaters), Florence, Mass.
Fuller-Warren Co. ("Stewart"), 32nd & Wright, Milwaukee, Wis.
Fuller & Warren Co. ("Stewart" Ranges), Troy, N. Y.
Galusha Stove Co., Rochester, N. Y.
Gem City Stove Mfg. Co., Quincy, Ill.
General Gas Appliance Co., 103 Park av, New York
Germer Stove Co. ("Radiant Home" Heaters & Ranges), Erie, Pa.
Grinberg Bros., 154 South, New York
Hale & Kilburn Co. (Steel), 1800 Lehigh av, Phila., Pa.
Hammond-Homberger Co. (Niagara), Silver Creek, N. Y.
Heath Stove & Heating Co., 207 Park av, Baltimore. Md.
Hoerlein F. G. (Bakers' Gas Stoves), 200 Nostrand av, Bklyn., N. Y.
Howard Stove Co., Beaver Falls, Pa.
Huenefeld Co. ("Boss" Ranges), Cincinnati, O.
Independent Register & Mfg. Co., Cleveland, O.
Iron City Stove & Fdry. Co., Bristol, Va.
Ironton Incandescent Light & Supply Co., Ironton, Ohio
Jamestown Gas Stove Corp., Corry, Pa.
Jewett & Co., Buffalo, N. Y.
Joplin Stove Co., Joplin, Mo.
Kalamazoo Stove Co. ("Kalamazoo" Ranges), Kalamazoo, Mich.
Kanneberg Roofing & Ceiling Co. (Garage Heaters), Canton, O.
Kaufman A. G. Mfg. Co. ("Radion" Portable Gas Jet, Heater & Cooking Stove), 210 5th av, New York
Klaine F. A. Co. ("Good Will" Ranges), Front & Central, Cincinnati, O.
Lawson O. P. Co. ("Palace," "Luxury," "Venus," "Flora," "Radium," "Radix," "Fairy" Radical Gas Heaters), Homestead, Pa.
Lindeman A. J. & Hoverson Co. (Ranges), Milwaukee, Wis.
Lynott Stove & Churn Wks., Louisiana, Mo.
Magee Furnace Co., 38 Union, Boston, Mass.
Majestic Mfg. Co., 2014 Morgan, St. Louis, Mo.
Manhattan Gas Heating Co. ("Manhattan"), 909 7th av, New York
Mentels (The), (Stoves), Springfield, O.
Michigan Stove Co. ("Garland;" also Appliances), Detroit, Mich.
Miller Wm. Range & Furnace Co. (Ranges), 7th & B'way, Cincinnati, O.
Monitor Stove & Range Co. ("Monitor" Ranges), C. H. & D. Ry. nr Gest, Cincinnati, O.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Mott J. L. Iron Works, Trenton, N. J.
National Stove Co. (Am. Stove Co.), Lorain, O.
Naylor Bros., Peekskill, N. Y.
New Method Stove Co. (For Manufactured or Natural Gas Heating & Cooking), Mansfield, O.
New Process Stove Co., 4415 Perkins av, Cleveland, O.
Novelty Mfg. Co. (Heaters Only), Jackson, Mich.
Noyes & Nutter Mfg. Co., Bangor, Me.
Nye A. T. & Son Co., Marietta, O.
Odin Stove Mfg. Co. (Cooking "Royal," "Rival," "Modern," "Erie," "Gem," "Viking"), Erie, Pa.
Ohio State Stove Co. ("Ossco" Stoves), Columbus, O.
Peerless Stove & Range Co. ("Radium," "Peerless"), Columbus, O.
Peninsular Stove Co., Detroit, Mich.
Penna Furnace & Stove Co. ("Penna" Stoves Only), Warren, Pa.
Pioneer Stove & Stamping Co., Tacoma, Wash.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Portsmouth Stove & Range Co., Portsmouth, O.
Progress Furnace Co., Springfield, O.
Quad Stove Mfg. Co. ("Quad" Ranges), Columbus, O.
Queen Bee Stove Co., Tulsa, Okla.
Reliable Stove Co., Cleveland, O.
Republic Stove & Mfg. Co. ("Republic" Ranges), Cleveland, O.
Reznor Mfg. Co. (Gas Stoves), Mercer, Pa.
Roberts & Mander Gas Stove Co. ("Quality" Ranges), Wash'n av, c S 11th, Phila., Pa.
Royal Stove Co. (Gas Stoves), Spring City, Pa.
Rutherford J. & Son, Akron, O.
St. Paul Gas Appliance Co., St. Paul, Minn.
Sanitary Heating Co. ("Solar Ground"), 233 37th, B'klyn, N. Y.
Sanitary Stove Mfg. Co. (Stoves), Benton, Ill.
Schneider & Trenkamp Co. ("Reliable" Ranges, Heaters, Stoves & Gas Water Heaters), Cleveland, O.
Schuyler W. S. (Stoves), Savannah, Mo.
Scranton Stove Works ("Dockash" Ranges), Scranton, Pa.
Sexton S. B. Stove & Mfg. Co. (Stoves & Ranges), 500 Block W, Conway, Baltimore, Md.
Sheppard Isaac A. Co., ("Imperial Excelsior" Ranges), Erie av & Seviva, Phila., Pa.
Sheridan Stove Co. (Natural Gas), Quincy, Ill.
Sill Stove Works ("Sterling" Gas & Coal Ranges, Warm Air Harness), Rochester, N. Y.
Silver & Co., 304 Hewes, Brooklyn, N. Y.
Slattery J. B. & Bros. (Stoves), 108 Lawrence, Brooklyn, N. Y.
Smith & Anthony Co. ("Hub" Ranges), 52 Union, Boston, Mass.
Somersworth Foundry Co., Salmon Falls, N. H.
Southard-Robertson Co. ("Magnetic"), Peekskill, N. Y.
Spence-Baggs Stove Co., Martins Ferry, O.
Stamford Gas Stove Co., Stamford, Conn.
Standard Furnace & Range Co., Louisville, Ky.
Standard Range & Stove Co., 32 Union, Boston, Mass.
Star Foundry Co., Covington. Kv.
Stove & Range Co. of Pgh. (Stoves, Heaters & Ranges), Preble av nr Superior bridge, Pittsburgh, Pa.
Strand Heater & Mfg. Co. ("Strand" Gas Heater), 7804 Wade pk, Cleveland, O.
Summit Foundry Co. ("Summit"), Geneva, N. Y.
Summit Stove Wks., Morrison, Ill.
Taplin, Rice, Clerkin Co., Akron, O.
Taylor & Boggis Foundry Co. (Stoves Only), Cleveland, O.
Thomas Oscar G. Co., Taunton, Mass.
Thomas, Roberts, Stevenson Co., ("Fortune" Ranges), American & Dauphin, Phila., Pa.
Toledo Stove & Range Co., Toledo, O.
Trenkamp Stove & Mfg. Co., 9806 Quincy av, Cleveland, O.
Union Mfg. Co., Boyertown, Pa.
Union Stove Works ("Astor" Radiator), 70 Beekman, New York
Van Zandt Gas Appliance Co. (Stoves & Heaters), 4050 Olive, St. Louis, Mo.
Vesta Gas Range & Mfg. Co. (Stoves & Ranges), Chattanooga, Tenn.
Victor Stove Co., Salem, O.
Walker & Pratt Mfg. Co., ("Crawford" Ranges), 31 Union, Boston, Mass.
Waterman & Bro. (Gas Stoves), 195 Lewis, New York
Wehrle Co. (Ranges & Stoves), Newark, O.
Weir Stove Co. ("Glenwood" Ranges), Taunton, Mass.
WEISKITTEL A. & SON CO. ("Fire King" Range), 12th & E Lombard, Baltimore, Md.
Wetter H. Mfg. Co., S Pittsburgh, Tenn.
White Thos. Stove Co. ("Bacon"), Quincy, Ill.
White-Warner Co. ("Household" Ranges), Taunton, Mass.
Wilson Stove & Mfg. Co., Easton, Pa.
Wincroft Stove Works ("Wincroft" Ranges, Gas & Coal), Middletown, Pa.
Wood S. L., 1249 S Figueroa, Los Angeles, Cal.
Wotherspoon J. R., 238 N Front, Phila., Pa.
Wybel Stove & Chandelier Co. (Gas Stoves), Akron, O.

14415— Stoves (Hot Blast)

American Stove Co., St. Louis, Mo.
Amsler Walter O. (For Gas or Air), Wabash bldg, Pittsburgh, Pa.
Cole Mfg. Co., 3218 S Western av, Chicago, Ill.
Comstock-Castle Stove Co., Quincy, Ill.
Co-operative Foundry Co., Rochester, N. Y.
Foster Stove Co., Ironton, O.
Fuller-Warren Co. ("Stewart"), 32nd & Wright, Milwaukee, Wis.
Gray & Dudley Hardware Co. ("Washington," "Gray," "Grand," & "Pet Oak"), Nashville, Tenn.
Hemp & Co., Vandeventer nr Shaw, St. Louis, Mo.
Kalamazoo Stove Co., Kalamazoo, Mich.
Leetonia Boiler Co., Leetonia, O.
McClure G. W. Son & Co. ("McClure"), Bessemer bldg, Pittsburgh, Pa.
McKee Arthur G. & Co., Cleveland, O.
Meehan Boiler & Construction Co., Lowellville. O.
Mohr John & Sons, 349 W Illinois, Chicago, Ill.
Peninsular Stove Co., Detroit, Mich.
Phillips & Buttorff Mfg. Co., Nashville, Tenn.
Portsmouth Stove & Range Co., Portsmouth, O.
Quality Stove & Range Co., Belleville, Ill.
Richmond Stove Co., 2506 Main, Richmond, Va.
Smythe S. R. Co., House bldg, Pittsburgh, Pa.
Southern Stove Works ("Tip Top"), Richmond, Va.
Traylor Engineering Co. ("Traylor," U-Pipe-for Smelting), Allentown, Pa.

14416— Stoves (Laundry)

American Stove Co. ("Quick Meal," "Jewell" & "Reliable" Gas), St. Louis, Mo.
Belleville Stove & Range Co., Belleville, Ill.
Chicago Dryer Co. (Gas or Coal), 630 S Wabash av, Chicago, Ill.
Crane Wm. M. Co. ("Vulcan"), 16 W 32d, New York
Detroit Stove Works ("Paragon"), Detroit, Mich.
Eclipse Gas Stove Co. ("Eclipse" Gas), Rockford, Ill.
Eclipse Stove Co., Mansfield, O.
Excelsior Stove & Mfg. Co. ("National"), Quincy, Ill.
Fischer Wm. G. Stove & Range Co., 328 Plum, Cincinnati, O.
Fuller & Warren Co. ("Stewart"), Troy, N. Y.
Fuller & Warren Co. ("Stewart"), 32nd & Wright, Milwaukee, Wis.
Glascock Stove & Mfg. Co. ("Carolina"), Greensboro, N. C.
Globe Stove & Range Co., Kokomo, Ind.
Gray & Dudley Hardware Co. ("Reg," "Western," "Bob" & "Pet"), Nashville, Tenn.
Ils John G. & Co., 839 Mission, San Francisco, Cal.

STOVES (LAUNDRY)—continued

Illinois Malleable Iron Co. ("Imico" Heater), 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
Kalamazoo Stove Co., Kalamazoo, Mich.
Keeley Stove Co. ("Columbian"), Columbia, Pa.
Magee Furnace Co., 38 Union, Boston, Mass.
Mahony Mfg. Co., Troy, N. Y.
Malleable Steel Range Mfg. Co., South Bend, Ind.
Michigan Stove Co. ("Garland"), Detroit, Mich.
Miller Wm. Range & Furnace Co., 7th & B'way, Cincinnati, O.
Peninsular Stove Co., Detroit, Mich.
Pierce, Butler & Pierce Mfg. Corp. ("Little Giant"), 437 E 162d, New York
Pueblo Brass & Iron Foundry, Pueblo, Col.
Richmond Stove Co., 2506 E Main, Richmond, Va.
Sexton S. B. Stove & Mfg. Co., 500 Block W. Conway, Baltimore, Md.
Southern Stove Works ("Tip Top"), Richmond, Va.
Sperry D. R. & Co. ("Centennial"), Batavia, Ill.
Superior Foundry Co., Cleveland, O.
Superior Stove Works, 832 W Superior, Chicago, Ill.
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Troy Laundry Machinery Co. (Ltd.), 23d & La Salle, Chicago, Ill.
Union Stove Works, 70 Beekman, New York
Walker & Pratt Mfg. Co., 31 Union, Boston, Mass.
Wehrle Co., Newark, O.
Weiskittel A. & Son Co. ("Fire King" Gas), 12th & E Lombard, Baltimore, Md.

14417— Stoves (Masons')

Drouve G. Co., 40 Tulip, Bridgeport, Conn.
Littleford Bros., 444 E Pearl, Cincinnati, O.

14418— Stoves (Mogul)

Bell C. S. Co., Hillsboro, Ohio

Stoves (Oil)

See Stoves & Heaters, Oil

Stoves (Plasterers')

See Salamanders

Stoves (Sand Drying)

See Sand & Gravel Heaters & Dryers

Stoves (Toaster, Electric)

See Toasters

14419— Stoves (Wood)

Bibb B. C., Stove Co., 109 Light, Baltimore, Md.
Birmingham Stove & Range Co., Birmingham, Ala.
Fuller-Warren Co. ("Stewart"), 32nd & Wright, Milwaukee, Wis.
Globe Stove & Range Co., Kokomo, Ind.
Gray & Dudley Hardware Co. (Heating & Cooking, "Geo. Washington," "Grand," "Reba," "Washington," "Clipper," "Togo"), Nashville, Tenn.
Jewett & Co., Buffalo, N. Y.
Kalamazoo Stove Co., Kalamazoo, Mich.
Keeley Stove Co. ("Columbian") Columbia, Pa.
Knox Stove Works, Knoxville, Tenn.
Michigan Stove Co. ("Garland" Coal & Wood), Detroit, Mich.
Nye A. T. & Son Co., Marietta, O.
Phillips & Buttorff Mfg. Co., Nashville, Tenn.
Richmond Stove Co., 2506 E Main, Richmond, Va.
Southern Stove Works ("Tip Top"), Richmond, Va.
Spence-Baggs Stove Co., Martins Ferry, O.
Tenn. Stove Works, Chattanooga, Tenn.
Union Stove Works (Coal & Wood), 70 Beekman, New York
Vesta Gas Range & Mfg. Co., Chattanooga, Tenn.

14420—Stoves & Heaters (Oil)

American Stove Co. ("Quick Meal," "Reliable," "New Process"), St. Louis, Mo.
Barler A. C. Mfg. Co. ("Barler Ideal"), 341 E Ohio, Chicago, Ill.
Block I. & Son, 393 Pearl, New York
Central Oil & Gas Stove Co. ("Florence," "Central," "Light House"), Gardner, Mass.
Cleveland Metal Products Co. ("New Perfection") (Cooking or Heating), 7609 Platt av & C. & P. R. R., Cleveland, Ohio
Coen Co., 112 Market, San Francisco, Cal.
Cranford Oilstove Works, Cranford, N. J.
Dangler Stove Co., 5017 Perkins av, Cleveland, O.
Detroit Foundry Co. ("Sun"), Detroit, Mich.
Excelsior Stove & Mfg. Co. ("Monarch" Stoves), Quincy, Ill.
Florence Co. (Stoves), Florence, Mass.
Grinberg Bros. ("Eagle"), 154 South, New York
Miller Edw. & Co. ("Miller" Kerosene Heaters), Meriden, Conn.
National Enameling & Stamping Co., 411 5th av, New York
National Stove Co. (American Stove Co.), Lorain, O.
Novelty Mfg. Co. ("Alumino & Electric"), Jackson, Mich.
Otis Boiler Co., Inc., 335 W 1st, Oswego, N. Y. *See adv index at end of book*
Otto Wm. H. Metal Goods Corp. ("Khotal," Kerosene), Jersey City, N. J.
Plume & Atwood Mfg. Co. ("Banner"), Waterbury, Conn.
Rathbone, Sard & Co. (Acorn), Albany, N. Y.
Roberts & Mander Stove Co. ("Quality"), 11th & Wash'n av, Phila., Pa.
Silver & Co., 304 Hewes, Brooklyn, N. Y.
Taylor & Boggis Fdry Co ("Summer Girl," "Game," "Magic," "Game Junior" Stoves Only), Cleveland, O.
Turner Brass Works ("Nowik" Oil Heater), Sycamore, Ill.
Waterman Henry & Bro. (Stoves Only), 195 Lewis, New York
Weiskittel A. & Son Co. ("Fire King"), 12th & E Lombard, Baltimore, Md.

14421— Straight Edges

Athol Machine Co. (Steel Hardened & Ground), Athol, Mass.
Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Brown & Sharpe Mfg. Co. (Cast Iron, Knife Edge, Steel Hardened & Ground), Providence, R. I.
Covel Mfg. Co. (Saw), Benton Harbor, Mich.
Disston Hy. & Sons, Tacony, Phila., Pa.
Goodell-Pratt Co. ("Mass. Tool Co."), Greenfield, Mass.
Hub Machine Welding & Contracting Co. (Cast Iron), 22nd & Race, Philadelphia, Pa.
Keuffel & Esser Co. (Steel Flexible), Hoboken, N. J.
Oldham Joshua & Sons, 112 26th, Brooklyn, N. Y.
Pratt & Whitney Co. (Knife Edge), Hartford, Conn.
Sawyer Tool Mfg. Co. (Steel Hardened & Ground), Ashburnham, Mass.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
STARRETT L. S. CO. (THE) (Steel, Hardened & Ground), Athol, Mass.
See adv index at end of book
Vulcan Tool Mfg. Co., Quincy, Mass.

14422— Straighteners & Cutters (Core Wire)

Lewis Machine Co., 6303 Central, Cleveland, O.
WORTHINGTON PUMP & MACHY. CORP., 115 B'way, New York
See adv index at end of book

14423— Strainers (Air)

WESTINGHOUSE AIR BRAKE CO., Pittsburgh, Pa.
WESTINGHOUSE TRACTION BRAKE CO., Pittsburgh, Pa.

14424— Strainers (Cesspool)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Trenton Brass & Machine Co. (Brass), Trenton, N. J.

Strainers (Coffee)

See Strainers, Tea & Coffee

14425—Strainers (Conductor & Eave Trough)

Andrews Wire & Iron Works, Rockford, Ill.
Berger Mfg. Co., Canton, O.
Bromwell Brush & Wire Goods Co., 612 W 6th, Cincinnati, O.
Donley Brothers Co., The, 3625 E 74th, Cleveland, O. *See adv index at end of book*
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Hamblin & Russell Mfg. Co. (Galv. Wire), Worcester, Mass.
Jelliff C. O. Mfg. Corp., Southport, Conn.
Lamb & Ritchie Co., Cambridge, Mass.
Merchant & Evans Co., 2035 Washington av, Philadelphia, Pa.
See adv index at end of book
Meyers F. J. Mfg. Co., Hamilton, O.
See adv index at end of book
Milwaukee Corrugating Co., Milwaukee, Wis.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
National Mfg. Co. ("Natwire" Wire), Worcester, Mass.
Parker Wire Goods Co., Worcester, Mass.
Racine Iron & Wire Wks., Racine, Wis.
Reeves Mfg. Co., Dover, O.
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
Souther E. E. Iron Co., Klenlin & Hamburger, St. Louis, Mo.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.
Young Mfg. Co., Bellevue, Ia.

14426— Strainers (Cup)

Hauptman A., 23 Leonard, New York

14427— Strainers (Floor)

Columbus Brass Co., 538 Dublin av, Columbus, O.
See adv index at end of book
National Brass Mfg. Co., Rochester, N. Y.

14428-9—Strainers (Fruit)

Tate Mfg. Co. ("Just-the-thing"), Strainer & Jelly Bag Combined), 48 Hanover, Boston, Mass.

14429a— Strainers (Gasoline)

Bousman Mfg. Co. ("G. R. Autofilter"), Grand Rapids, Mich.
Breeze Carburetor Co. ("Breeze"), 250 South, Newark, N. J.
Carter Carburetor Co. ("Carter"), 2840 N Spring, St. Louis, Mo.
Denver Auto Goods Co., Denver, Colo.
Generator Valve Co., 47 Dinsmore pl., Brooklyn, N. Y.
GILBERT & BARKER MFG. CO. ("Gilbert & Barker"), Springfield, Mass.
See adv index at end of book
Gleason-Peters Air Pump Co., 384 Classon av, Brooklyn, N. Y.
Halladay L. P. Co., Streator, Ill.
Hancock Mfg. Co. ("Hancock"), Charlotte, Mich.
Hatcher Auto Parts Co., Cleveland, O.
Imperial Brass Mfg. Co. ("Imperial"), 524 S Racine av, Chicago, Ill.
See adv index at end of book
Jelliff C. O. Mfg. Corp. (20 Specifications), Southport, Conn.
Kraft A. C., 323 W Lake, Chicago, Ill.
Lindley W. H. Co. (Lindley"), Canastota, N. Y.
LUNKENHEIMER CO. ("Trusty"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Marvel Carburetor Co. ("Marvel"), Flint, Mich.
Powell Wm. Co., Cincinnati, O.
Sexton Can Co. ("Sexton"), 228 Franklin, Boston, Mass.

U. S. Indestructible Gasket Co., Church & Fulton, New York
See adv index at end of book
Wheeler-Schebler Carburetor Co. ("Schebler"), Indianapolis, Ind.
Williams D. T. Valve Co. ("Williams"), Cincinnati, O.
Zerk Mfg. Co., Cleveland. O.

Strainers (Gutter)

See Strainers, Conductor & Eave Trough

14429b— Strainers (Horizontal Pump)

WORTHINGTON PUMP & MACHINERY CORP., 111 B'way, New York
See adv index at end of book

14430— Strainers (Hose)

American Injector Co., Detroit, Mich.
Edna Brass Mfg. Co., Cincinnati, O.
Elkhart Brass Mfg. Co. (Brass Suction for Fire Dept.), Elkhart, Ind.
Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
Hancock Inspirator Co., 119 W 40th, New York
Penberty Injector Co., 346 Holden av, Detroit, Mich.

14431— Strainers (Injector)

Elkhart Brass Mfg. Co. (Also Ejector), Elkhart, Ind.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Ohio Injector Co., Wadsworth, O.

14432—Strainers (Irrigating)

Butler Co., Butler, Ind.

14433— Strainers (Locomotive Water)

Handlan-Buck Mfg. Co. ("Hayes"), 210-14 N 3d, St. Louis, Mo.

14434— Strainers (Milk)

Central Stamping Co., 172 Fulton, New York
National Enameling & Stamping Co., 411 5th av, New York
Sanitary Strainer Co., ("Fribery") Maiden Rock, Wis.

14435— Strainers (Oil Well)

Houston Iron Works, Houston, Tex.
Layne & Bowler Co., Houston, Tex.
McEvoy J. H. & Co., Houston, Tex.
Stancliff Well Screen & Mfg. Co., Houston, Tex.

14436— Strainers (Paint)

Kraft, A. C., 323 W Lake, Chicago, Ill.

14437— Strainers (Pipe)

Advance Mfg. Co., Erie, Pa.
Central Foundry Co., 90 West, New York
Morse A. J. & Son, Inc., 221 High, Boston, Mass.
Pancoast Henry B. Co. ("Extra Leaky"), 243 S 3d, Phila., Pa.
Progressive Iron Foundry & Machine Co., ("Purity") Haydenville, Mass.

14438— Strainers (Pressure)

Lagonda Mfg. Co., Springfield, O.
Progressive Iron Foundry & Machine Co., ("Purity") Haydenville, Mass.

14439— Strainers (Sink)

Albert G. G. & Co., Bangor, Pa.
American Brass & Copper Co., 138 Lafayette, New York
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
American Pin Co. ("Ampinco"), Waterbury, Conn.
Andrews Wire & Iron Works ("Vrooman's" "Aunt Dinah's"), Rockford, Ill.
Barber Mfg. Co. (Painted), Ashtabula, O.
Blairsville Sanitary Co., Blairsville, Pa.
Cassady Fairbank Mfg. Co. ("Duffys"), 6126 S La Salle, Chicago, Ill.
Central Stamping Co. ("Perfect"), 172 Fulton, New York
Columbian Enameling & Stamping Co. (Enameled), Terre Haute, Ind.
Frost Mfg. Co. (Basin & Sink), Kenosha, Wis.
Gray Iron Foundry Co. (Cast Iron), Reading, Pa.
GEUDER, PAESCHKE & FREY CO. ("Cream City"), Milwaukee, Wis.
See adv index at end of book
Hamblin & Russell Mfg. Co. (Wire), Worcester, Mass.
Minerva Mfg. Co., Minerva, O.
Modern Iron Works, Quincy, Ill.
Morgan Spring Co. ("Boston"), Worcester, Mass. *See adv index at end of book*
National Enameling & Stamping Co. (Steel etc), 411 5th av, New York
National Mfg. Co. ("Natwire" Wire), Worcester, Mass.
Parker Wire Goods Co. (Wire), Worcester, Mass.
Presteel Co., Grafton, O.
Republic Metalware Co. (The) ("Protex" Dripless), Buffalo, N. Y.
Roseland Can & Specialty Co. ("Century," "New Diamond"), Rockford, Ill.
Silver & Co. ("Brooklyn"), 304 Hewes, Brooklyn, N. Y.
Trenton Brass & Machine Co. (Basin & Sink), Trenton, N. J.
Wire Goods Co., Worcester, Mass.
Wire Hardware Co., 6126 S La Salle, Chicago, Ill.

14440— Strainers (Suction)

Elliott Co. (Single, Twin, Triple, Multiple & Intake), Pittsburgh, Pa.
Lagonda Mfg. Co. ("Lagonda" Multiple Water Strainer), Springfield, O.
Monash-Younker Co., 1407 W Jackson blvd, Chicago, Ill.
Rosedale Foundry & Machine Co. ("Holt" Automatic for Water of Pressure), Columbus & Preble, Pittsburgh, Pa.
Schutte & Koerting Co. ("Schutte-Koerting"), 1251 N 12th, Phila., Pa.

14441—Strainers (Sugar Juice)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

14442—Strainers (Tea & Coffee)

Buckeye Aluminum Co., Wooster O.
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Fargo E. A. Co. (Aluminum), Taunton, Mass.
Hamblin & Russell Mfg. Co. ("Never Tip" Wire, "No Wobble" Spout, "Hub" Never Drip, etc), Worcester, Mass.
Houchin Thos. W. Co., 36 E. 12th, New York
Jewett Stamping & Enamelling Co. ("Jewett" White Enameled), Jewett, O.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
National Mfg. Co. ("Natwire"), Worcester, Mass.
Parker Wire Goods Co., Worcester, Mass.
Peoria Can Co., Peoria, Ill.
Standard Aluminum Co. (Aluminum), Two Rivers, Wis.
Utility Mfg. Co., 427 Oliver, Baltimore, Md.
Woods-Sherwood Co., Worcester, Mass.

14443—Strainers (Tubular Well)

Cook August D. ("Cook's" Brass), Lawrenceburg, Ind.
Mark Mfg. Co., Evanston, Ill.
Smith C. G. Artesian Well Co. (Brass & Galvanized Iron), 132 High, Boston, Mass.

14444-5— Strainers (Urinal)

Acheson Mfg. Co., Rankin, Pa.
Albert G. G. & Co., Bangor, Pa.
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Hach Richard G. ("Hach"), 159 E 26th, New York
Haines, Jones & Cadbury Co., 1136 Ridge, av, Phila., Pa.
Hamblin & Russell Mfg. Co. (Wire), Worcester, Mass.
Milwaukee Brass Mfg. Co. ("Bee Hive"), 251 Laplan, Milwaukee, Wis.
Mott J. L. Iron Works, Trenton, N. J.
Perkes Chas. (Est. of), 627 Arch, Phila., Pa.
Trenton Brass & Machine Co. (Bee Hive), Trenton, N. J.

14446—Strand (Stone Sawing)

Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.

14447— Strapping (Mill)

Edmands Arthur B. Co., 180 Main, Pawtucket, R. I
Graton & Knight Mfg. Co., Worcester, Mass.
Graton & Knight Mfg. Co., 247 Mission, San Francisco, Cal.
See adv index at end of book

14448— Straps (Anchor)

Clark A. J. Co., Salem, O.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Londelius C. A. & Sons Co. (Pin), 847 W 63d, Chicago, Ill.
O'Leary Arthur J. & Son Co., 65th & S 57th av, Chicago, Ill.

14449— Straps (Automobile)

Backstay Machine & Leather Co., Union City, Ind.
Badger Handle Co., 323 E Water, Milwaukee, Wis.
Brace Leather Goods Co., Pontiac, Mich.
Curry J. W. Co. (Top & Wire), 2615 Cummins, Cincinnati, O.
Graton & Knight Mfg. Co., Worcester, Mass.
New York Leather Belting Co., 465 Kent av, B'klyn, N. Y.

14450—Straps (Baggage Check)

American Railway Supply Co., 134 Charles, New York
Buchheimer Geo. H., 1004 Rutland av, Baltimore, Md.
Graton & Knight Mfg. Co., Worcester, Mass.

14451—Straps (Beam Electric)

Steel City Electric Co., ("Fullman") 1207 Columbus av, Pittsburgh, Pa.

14452-3— Straps (Bill)

Detroit Coin Wrapper Co., Detroit, Mich.
Eisler Anthony & Co., 227 Canal, New York

Straps (Crate)

See Box Straps

14454— Straps (Deckle)

Boston Belting Corp. ("Imperial," "Excelsior," for Fourdrinier Paper Machines), 84 Linden Park, Boston, Mass.
Goodrich B. F. Co., Akron, O.
Republic Rubber Co., Youngstown, O.
Revere Rubber Co., Chelsea, Mass.

14455— Straps (Flush & Supply Pipe)

American Brass & Copper Co., 138 Lafayette, New York

14456— Straps (Glazing)

Continental Fibre Co. (Vulcanized Fibre), Newark Centre, Del.

14457— Straps (Hame)

Williams I. B. & Sons, Dover, N. H.

14458— Straps (Hammer)

Harvey Spring & Forging Co., Racine, Wis.
Youngstown Pressed Steel Co. (Pressed Steel Wagon), Youngstown, O.

14459— Straps (Hose)

American Brass & Copper Co., 138 Lafayette, New York
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
Glauber M. & Co., 103 Varick, New York
Haydenville Co., Haydenville, Mass.
Park & McKay, 55 Bagley av, Detroit, Mich.
Powell Wm. Co., Cincinnati, O.
Walworth Mfg. Co., Boston, Mass.

14460— Straps (Pipe)

American Brass & Copper Co., 138 Lafayette, New York
American Pin Co. ("Ampinco" Brass), Waterbury, Conn.
Appleton Electric Co., 230 N. Jefferson, Chicago, Ill.
Berger Bros. Co., 229 Arch, Philadelphia, Pa.
Berger Specialty Mfg. Co., ("Berger" Steel Soil Pipe), 16 N 20th, Richmond, Va.
Blake Specialty Co. (Wrought Iron, Perforated), Rock Island, Ill.
Cann & Saul, 516 Commerce, Phila., Pa.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Devlin Thos. Mfg. Co. (Malleable Iron), 3d & Lehigh av, Phila., Pa.
Eagle Glass & Mfg. Co. (Tinned), Wellsburg, W. Va.
Fee & Mason, 81 Beekman, New York
General Fire Extinguishers Co. (Tinned), Providence, R. I.
Good Mfg. Co., 305 E 134th, New York
Grabler Mfg. Co., Cleveland, O.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
Jarecki Mfg. Co., Erie, Pa.
Jersey City Galvanizing Co., 74 Morgan, New York
Lalance & Grosjean Mfg. Co. (Wrought Steel, "L. & G"), 299 B'way, New York
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.
Merwin Mfg. Co. (Galvanized Steel), Erie, Pa.
Northwestern Stamping Co., Burlington, Ia.
Peck C. A. Hardware Co. (Galvanized Gas Pipe), Berlin, Wis.
Perkes Chas. (Est. of), 627 Arch, Phila., Pa.
Robinson Mfg. Co., Cleveland, O.
Smith & Egge Mfg. Co. (Single & Double), Bridgeport, Conn.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Twisted Wire & Steel Co. ("Fitall"), 437 11th av, New York
Wall P. Mfg. Supply Co., 705 Preble av, Pittsburgh, Pa.
Walworth Mfg. Co., Boston, Mass.
Watrous Acme Mfg. Co., Des Moines, Ia.
Wise J. B., Inc., Watertown, N. Y.
Wolff L. Mfg. Co., N Dearborn, Chicago, Ill.
Wolverine Brass Works (Tinned), Grand Rapids, Mich.

14461— Straps (Pitman)

Henry & Allen, Auburn, N. Y.
Whitman & Barnes Mfg. Co. (Iron & Wood for Agl. Implts.), Akron, O.
See adv index at end of book

14462— Straps (Pole)

Bethlehem Steel Co., So Bethlehem, Pa.
Harvey Spring & Forging Co., Racine, Wis.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.

14463— Straps (Rebound)

Badger Handle Co., 323 E Water, Milwaukee, Wis.

14464— Straps (Roll-Up)

Monarch Carriage Goods Co. ("Monarch" for Carriage Curtains), Cincinnati, O.

Straps (Singletree)

See Straps, Pole

14465— Straps (Skate, Trunk, Blanket, Etc.)

Atchison Saddlery Co., Atchison, Kan.
Backstay Machine & Leather Co., Union City, Ind.
Badger Handle Co., 323 E Water, Milwaukee, Wis.
Buckheimer Geo. H. (Leather), 1004 Rutland av, Baltimore, Md.
Buffalo Weaving & Belting Co. (Cotton), Buffalo, N. Y.
Cathrein Mfg. Co. (Also Book, Shawl Webb, 824 Linden, Brooklyn, N. Y.
Chicago Leather & Mercantile Co., 1848 W 14th, Chicago, Ill.
Curry J. W. Co. (Trunk), 2615 Cummins, Cincinnati, O.
Excelsior Bag & Mfg. Co. ("Excelsior" Skate), Troy, N. Y.
Galewski A. & Son, 453 Broome, New York
Graton & Knight Mfg. Co., Worcester, Mass.
Hudson Belting Co. (Trunk, etc), 3 Eaton pl, Worcester, Mass.
Katz Bros., Leather Goods Co., 135 W 20th, New York
Kirby Mfg. Co., Middleown, Conn.
National Leather Mfg. Co., Niles, Mich.
Nott W. S. Co. (Skate & Trunk), 2d av N & 3d, Minneapolis, Minn.
Page Belting Co., Concord, N. H.
Russell Mfg. Co., Middletown, Conn.
Sells J. H. & F. A. Co. (Leather), Chestnut & Pearl, Columbus, O.
Warren Leather Goods Co., Worcester, Mass.
Workman H. B. Co. (Cotton), Lititz, Pa.

14466— Straps (Street Car)

Graton & Knight Mfg. Co., Worcester, Mass.
Railway Improvement Co. ("Rico" Sanitary), 61 B'way, New York
Rhoades J. E. & Sons, 12 N 3d, Phila., Pa.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Wallace Supplies Mfg. Co. (Hand Straps), 412 Orleans, Chicago, Ill.

14467— Straps (Timber)

Bethlehem Steel Co., So Bethlehem, Pa.
Kansas City Bolt & Nut Co. (Also Bridge), Kansas City, Mo.

14468— Straw Board Mfrs.

Albany Paper Products Co., Albany, Ind.
Alton Box Board & Paper Co., Alton, Ill.
American Straw Board Co., Akron, O.
Barrett Co. (Plain & Tarred), 17 Battery pl, New York
Beloit Box Board Co., Beloit, Wis.
Boyle John F. Co., 500 Montgomery, Jersey City, N. J.
Central Box Board Co., 43d & Racine av, Chicago, Ill.
Coshocton Straw Paper Co., Coshocton, O.
Creamery Package, 61 W Kinzie, Chicago, Ill.
Crescent Paper Co., Marseilles, Ill.
Hager Straw Board & Paper Co., Xenia, O.
Hartford Board Co., Hartford, Conn.
HEWITT C. B. & BROS. (Dealers & Jobbers), 49 Beekman, New York
See adv index at end of book
Indiana Board & Filler Co. (Egg Case Filler), Vincennes, Ind.
Lafayette Box Board & Paper Co., Lafayette, Ind.
Lydall & Foulds Paper Co., Manchester, Conn.
McEwan Bros. (Paper Box Boards), Whippany, N. J.
Mount Vernon Straw Board Co., Mount Vernon, Ind.
Niles Board & Paper Co., Niles, Mich.
Pairpoint Corporation New Bedford, Mass.
Paraffine Companies Inc., California Paper & Board Mills, Div, San Francisco, Cal.
Pemble Wm. & Sons, Stillwater, N. Y.
Rockford Paper Box Board Co., Rockford, Ill.
Rockford Paper Mills, Rockford, Ill.
Smith Isaac E., St. Johnsville, N. Y.
Terre Haute Paper Co., Terre Haute, Ind.
United Paperboard Co., 171 Madison av, New York
Wasauc Mills Co., South Glastonbury, Conn.

14469— Straw Stackers

Aultman & Taylor Machinery Co. (Pneumatic), Mansfield, O.
Avery Co. (Automatic, for Threshers), Peoria Ill.
Birdsell Mfg. Co., South Bend, Ind.
Buffalo Pitts Co. ("Russell" Pattern Wind), Buffalo, N. Y.
Emerson-Brantingham Co. ("Emerson," "Geiser Peerless," "Reeves," Wind), Rockford, Ill.
Fosston Mfg. Co. ("Fosston" Full Swing Wind Stackers) 473 Cleveland, St. Paul Minn.
Frick Co. (Landis Eclipse Wind), Waynesboro, Pa.
Garden City Feeder Co. ("Pella"), Pella, Ia.
Harrison Machine Works (Pneumatic), Belleville, Ill.
Huber Mfg. Co. (Wind Stackers), Marion, Ohio
Indiana Mfg. Co. ("Farmers' Friend"), Merchants Bank bldg, Indianapolis, Ind.
Nichols & Shepard Co. (Swinging & Wind), Battle Creek, Mich.
Port Huron Engine & Thresher Co. (Pneumatic), Port Huron, Mich.
Reeves Pulley Co. (Automatic & Pneumatic), Columbus, Ind.
Rumeley Leo, Tractor Co. ("Advance," "Gear Scott" Automatic & Pneumatic), Laporte, Ind.
Russell Wind Stacker Co. (Wind), 1001 Shelby, Indianapolis, Ind.
Russell & Co. (Pneumatic, Swinging & Wind), Massillon, O.
Smith & Sons Mfg. Co., Kansas City, Mo.
South Bend Spark Arrester Co. (Wind Hoods), South Bend, Ind.
Swayne, Robinson & Co. (Automatic Swinging), Richmond, Ind.
Westinghouse Co., Schenectady N. Y.

14470—Straws (Soda Water)

Coe Mfg. Co. ("White's" Fluted), 35 Warren, New York
Hygeia Antiseptic Toothpick Co., 160 W 14th, N. Y.
Stone Straw Co., 30 O, N E, Washington, D. C.

14471— Street Lighting

See also Posts, Lamp Arc & Tungsten

American Gas Machine Co. (Gasoline Apparatus), Albert Lea. Minn.
Flour City Ornamental Iron Works ("Corinthian" Standard Tungsten Lights for Cities), 27th st & 27th av, Minneapolis, Minn.
Welsbach Street Lighting Co. (of America), 1924 Market, Phila., Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Street Lighting Standards

See Posts, Lamp, Arc & Tungsten

Street Lighting (Sun Vapor)

See Lamps, Incandescent Vapor Gas

Street Railway Sprinkling Cars

See Cars, Sprinkling, Street Railway

14472— Street Sprinkler Wagon Tanks

Acme Road Machinery Co., Frankfort, N. Y.
Littleford Bros., 444 E Pearl, Cincinnati, Ohio

14473—Street Sprinkling Carts & Wagons

Abbott & Downing Co., Concord, N. H.
Acme Road Machinery Co., Frankfort, N. Y.
Austin Mfg. Co., 910 S Michigan av, Chicago, Ill.
Etnyre E. D. & Co., Oregon, Ill.
Hvass Chas. & Co., 511 E 18th, New York
Lansing Co. (Carts), Lansing, Mich.
Littleford Bros., 444 E Pearl, Cincinnati, O.
Millburn Wagon Co., Toledo, O.
National Mill & Lumber Co., 5th & Bryant, San Francisco, Cal.

Port Huron Engine & Thresher Co., Port Huron, Mich.
Studebaker Corp. ("Little Gem"), South Bend, Ind.
Tiffin Wagon Co., Tiffin, O.
Universal Road Machinery Co. ("Reliance" Oil Sprayer), Kingston, N. Y.
Winkler Grimm, South Bend, Ind.

14474—Stretchers (Box Strap)

CARY MFG. CO. ("Cary's"), Nassau & Jay, Brooklyn, N. Y.
See adv index at end of book

14475— Stretchers (Carpet)

Bradley & Farnham ("Bullard," "Knapp") Middlefield, Conn.
Braunsddorf-Mueller Co. (Extension Handle), Elizabeth, N. J.
Cady Mfg. Co., Auburn, N. Y.
Judd H. L. Co., 87 Chambers, New York
Kraeuter & Co., 583 18th av, Newark, N. J.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Mallory C. M., Albion, N. Y.
Osborne C. S. & Co., Harrison, N. J.
Peck, Stow & Wilcox Co., Southington, Conn.
Potter Mfg. Co. ("Potter"), Geneva, O.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Stortz John & Son, 210 Vine, Phila., Pa.
Taylor Mfg. Co. ("Yankee," Stretcher & Tack Holder), Hartford, Conn.

14476— Stretchers (Chair)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Minton T. W. & Son, Barbourville, Ky.
Stephenson Mfg. Co., So. Bend, Ind.

14477— Stretchers (Curtain)

Acme Mfg. Co. ("Acme"), 1806 East, Pittsburgh, Pa.
Chicago Curtain Stretcher Co. ("No Piece"), 3725 Wall, Chicago, Ill.
Davis John B. ("Ideal"), Clinton, Me.
Guth Mfg. Co., 116 E 24th, New York
Holmquist & Co. ("Home-Kissed"), W 35th & S Maplewood av, Chicago, Ill.
Holmquist & Swanson ("National Champion"), 2536 S Western av, Chicago, Ill.
Steinfeld Bros., 116 W 32d, New York
Taylor Mfg. Co. ("Taylor," Polished Steel Tube), Princeton, Ind.
Wagner Curtain Stretcher Co. ("Dewey"), Greensburg, Pa.

14478—Stretchers (Electric Wire)

Eureka Co., North East, Pa.
Rittenhouse A. E. Co., Honeoye Falls, N.Y.

14479— Stretchers (Glove)

Arlington Works, The (E. I. du Pont de Nemours & Co.), 21 E 40th, New York
ESTES E. B. & SONS, 364 5th av, New York. *See adv index at end of book*
McBride C. L. Mfg. Co. ("McBride" Electric), Toledo, O.

14479a— *Stretchers (Hammock)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

14480— Stretchers (Hospital)

Arntzen Co., 808 N Clark, Chicago, Ill.
Bernstein Mfg. Co. (Wheel), 3d & Allegheny, Phila., Pa.
Channon Jas H. Mfg. Co. ("American," Folding), 227 W Erie, Chicago, Ill.
Dougherty H. D. & Co. ("Faultless"), 17th & Indiana av, Phila., Pa.
Hospital Supply Co., 53 5th av, New York
Kny-Scheerer Co. ("Stokes" Splint, Navy, etc), 404 W 27th, New York
Miller Supply Co., Huntington, W. Va.
Williams Improved Stretcher Co., Wheeling, W. Va.

Stretchers (Saw)

See Saw Stretching Machines

14481— Stretchers (Shoe)

Anderson A. R. & Co. ("Fitall"), Arlington, N. J.
Horn Wm. H. & Bro. ("Ever Ready"), 451 3d, Phila., Pa.

14482— Stretchers (Wire)

See also Stretchers, Electric Wire

AMERICAN STEEL & WIRE CO. ("Lift," "American," "Double Jack"), 208 La Salle, Chicago, Ill.
See adv index at end of book
American Wire Fence Co. (Wire Fence), 10 S La Salle, Chicago, Ill.
Arcade Mfg. Co., ("Warner," "Dean," "Elwood" & "Little Giant"), Freeport, Ill.
Bridgewater Plow Corp. ("Superior" Wire Fence), Bridgewater, Va.
Burgess & Norton Mfg. Co. ("Bur-Nor," "Zinnis," "Duplex"), Geneva, Ill.
Burr Mfg. Co. (Fence & Wire), Whitney Power bldg, Cleveland, O.
Church Bros. ("Church"), Adrian, Mich.
Cyclone Fence Co. ("Cyclone"), Waukegan, Ill.
Cyclone Woven Wire Fence Co. ("Cyclone"), Cleveland, O.
Decker Mfg. Co., Keokuk, Iowa
Dwiggins Wire Fence Co. ("Perfection," for Woven Wire Fence), Anderson, Ind.
Enterprise Iron Works, Indianapolis, Ind.
Elliott & Reid Co. ("Royal," for Woven Wire Fence), Richmond, Ind.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Gulf States Steel Co. (Fence), Birmingham, Ala.
Hall Mfg. Co. ("Hall" Wire Fence), Monticello, Ia.
Hohulin Bros. ("Success"), Goodfield, Ill.
Hunt, Helm, Ferris & Co. ("Star," "Knoxall," "Elwood," "Endless," "Dean," "Little Giant," "Self Lock," "Sampson," "Big Giant"), Harvard, Ill.
Interlocking Fence Co. ("Interlocking"), Morton, Ill.
Jackson Fence Co. ("Jackson"), Jackson, Mich.
Keystone Steel & Wire Co. ("Samson" for Woven Wire Fence), Peoria, Ill.
Luther Grinder Mfg. Co. ("Luther" Tightener), 285 S Water, Milwaukee, Wis.
Mason Fence Co. ("Bull Dog"), Leesburg, O.
Milwaukee Hay, Tool Co. ("Milwaukee," "Eclipse," "Dandy" Combined Tackle & Stretcher Block), Layton Park, Milwaukee, Wis.
Ney Mfg. Co. ("Ney"), Canton, O.
Northwestern Barb Wire Co. ("Dillon"), Sterling, Ill.
Page Steel & Wire Co. ("Page," New Page), Adrian, Mich.
Peerless Wire Fence Co. ("Lamb"), Adrian, Mich.
Richards-Wilcox Mfg. Co., ("Richards" Tackle Block Self-Locking, "Richards" Continuous & "Giantt"), Aurora, Ill.
Ridgley Trimmer Co., Springfield, O.
Rittenhouse A. E. Co. (For Electric Wire), Honeoye Falls, N. Y.
Smith Hardware & Mfg. Co. ("Franklin," for Woven Wire Fence), De Kalb, Ill.
SMITH & HEMENWAY CO. INC., 261 B'way, New York, & 130 Colt, Irvington, N. J.
See adv index at end of book
Strickler Hay Tool Co., Janesville, Wis.
Townsend F. J. (For Stretching Woven & Barbed Wire Fences), Painted Post, N. Y.
Warren Specialty Mfg. Co. ("Neverslip" Stretcher & Staple Puller), Warren, Ohio
Western Steel & Iron Works ("Western"), De Pere, Wis.
Wheaton C. M. & Co., Sunbury, Ohio
Wrightsville Hardware Co. ("Sure Grip" Fence), Wrightsville, Pa.

14483— Strike Tache

Blymyer Iron Works Co. (Open Steam, with Copper Coils), Cincinnati, O.

14484— Stringers (Fish)

Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.

14485— Stringers (Ham)

NICHOLS BROS. ("Nichols Bros."), Greenfield, Mass.
Osborne C. S. & Co., Harrison, N. J.
Stortz John & Son, 210 Vine, Phila., Pa.
Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.

14486—Strings (Gut, Tennis Racket, Etc.)

American Gut String Mfg. Co. ("American"), 5415 S Ashland av, Chicago, Ill.
Ashland Mfg. Co. ("Ashland"), W 43d & S Hermitage av, Chcago, Ill.
Baumgartner Eugene, 829 W 53d pl, Chicago, Ill.
Slazenger Frank L. (Imp.), 12 E 43d, New York
Stecher A., 47th & So. Racine av, Chicago, Ill.
Wilson Thos. E. & Co., 701 N. Sangamon, Chicago, Ill.

14487— Strings (Hame)

American Lace Leather Co., Richmond, Va.
California Tanning Co., St. Louis, Mo.
Chicago Rawhide Mfg. Co., 1301 Elston av, Chicago, Ill.
Hodapp & Miller, Louisville, Ky.
Musgrave Leather Co., 414 N Front, Baltimore, Md.
New York Leather Belting Co. (Rawhide), 465 Kent av, B'klyn, N. Y.
Page Belting Co., Concord, N. H.
Schieren Chas. A. Co. (Rawhide), 30 Ferry, New York

14488— Strings (Musical Instrument)

Ashland Mfg. Co. (Musical, Fiddle, etc), W 43d & S Hermitage av, Chicago, Ill.
Baumgartner Eugene, 829 W 53d pl, Chicago, Ill.
Cronk Horace L. (Violin), Battle Creek, Mich.
Gibson Musical String Co., Belleville, N. J.
Koch Ands (Imp), 296 B'way, New York
National Musical String Co., New Brunswick, N. J.
Schaff John A. (Piano), 2021 Clybourn av, Chicago, Ill.
Wilson Thos. E. & Co., 701 N Sangamon, Chicago, Ill.

14489— Strippers (Ingot)

MORGAN ENGINEERING CO. (Electric & Hydraulic), Alliance, O.
See adv index at end of book
Taylor-Wilson Mfg. Co. (Hydraulic), McKees Rocks, Pa.
Wellman-Seaver-Morgan Co., Cleveland, Ohio

14490-1—Strippers (Sugar Cane)

American Mfg. Co. ("Jackson" & "Boss"), Chattanooga, Tenn.

Strippers (Hand)

See Cards, Hand

14492— Strips (Batten)

Milwaukee Corrugating Co. ("Milcoi"), Milwaukee, Wis.

Strips (Carbon)

See Carbon Mfrs.

14492a—Strips (Monel Metal)

Electrical Alloy Co., Morristown, N. J.
Supplee-Biddle Hardware Co., 510 Commerce, Phila., Pa.
See adv index at end of book

14492b— Strips (Resistance)

Electrical Alloy Co. (For all Requirements), Morristown, N. J.

14493— Strips (Roofing)

Bemis Bros. Bag Co., 601 S 4th, St. Louis, Mo.

14493a—Strontium Carbonate

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

14493b— Strontium Chloride

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

14493c— Strontium Nitrate

See also Nitrate of Strontium

Farmingdale Chemical Works, Inc., Farmingdale, L. I., N. Y.
Fuller Ralph L. & Co., Inc, 2 Rector, New York
See adv index at end of book
Grasseli Chemical Co., Guardian bldg, Cleveland, O.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

14493d— Strontium Salts

C. P. N. CHEMICAL CO., INC., 78 Reade New York; & 231 West Huron, Chicago, Ill.

14494— Stroppers (Razor)

Boker Cutlery & Hardware Co., Inc. ("Bokers'" Automatic) [illegible] Duane, New York
Buffum Tool Co. ("Swastika" Safety Razor), South Side, Louisiana, Mo.
Bumann Mfg. Co. (Safety Razor), Litchfield, Ill.
Burke Mfg. Co., Dayton, O.
Canton Razor Strop Co., Inc. (Automatic), Canton, Ohio
Carpenter L. A. Press Metal Co. ("Van"), Cambridge, Mass.
Clauss Shear Co. ("Never Fail"), Fremont, O.
Gibford Specialty Co., 217 W Grand av, Chicago, Ill
Heimerdinger W. C. (Safety Razor), Louisville, Ky.
Kampfe Bros., 3303 Atlantic av, B'klyn, N. Y.
Kanner Samuel ("Sterling"), 556 B'way, New York
Keenoh Co. ("Keenoh"), 82 First, Detroit, Mich.
Koch F. A. & Co., 524 B'way, New York
Never Fail Co. ("Never-Fail" Safety), Toledo, O.
Pullman Mfg. Co. ("Pullman") (Safety Razor), Rochester, N. Y.
Twinplex Sales Co. ("Twinplex," Safety Razor), 1602 Locust, St. Louis, Mo.
Weber-Knapp Co. (Automatic), Jamestown, N. Y.
Zig Zag Sales Co. (Any Safety Blade), 217 W Grand av, Chicago, Ill.
Zinn Edward ("Gillette Blade"), 11th av & 25th, New York

14495— Strops (Hame)

Badger Handle Co., 323 E Water, Milwaukee, Wis.

14496— Strops (Razor)

Allegretti Mfg. Co., Geneva, N. Y.
Bison Mfg. Co., Little Valley, N. Y.
Carborundum Co. (Carborundum), Niagara Falls, N. Y.
Case W. R. & Sons Cutlery Co., Bradford, Pa.
Cattaraugus Cutlery Co. ("Cattaraugus"), Little Valley, N. Y.
Droescher S. R. (Imp.), 79 Warren, New York
Eddy Co., Worcester, Mass.
Geneva Cutlery Co., Geneva, N. Y.
Hemmerdinger John H. & Son, Vandervoort av, Brooklyn, N. Y.
Hollinger Cutlery Co., Fremont, O.
Howard's S. E. Son & Co., 1150 B'way, New York
Illinois Razor Strop Co. ("Sharp-Well"), 330 W Kinzie, Chicago, Ill.
Kaampfe Bros., 3303 Atlantic av, B'klyn, N. Y.
Koken Barber's Supply Co., Sidney & Texas, St. Louis, Mo.
Korn Geo. W. Razor Mfg. Co., Little Valley, N. Y.
Loveless L. W. Mfg. Co. ("Magic"), Lafayette, Ind.
National Cutlery Co. ("Morton," "National"), Westmoreland & Boudinot, Phila., Pa.
Never Fail Co., Toledo, O.
Pike Mfg. Co., Pike, N. H.
Reppenhagen M. E., Highland Falls, N. Y.
Riordan T. G. Mfg. Co., 3943 Lincoln av, Chicago, Ill.
Robeson Cutlery Co., Rochester, N. Y.
Shull W. A., 142 N 4th, Phila., Pa.
Silberstein A. L., 600 W 157th, New York
Sunasack R. W., 2129 W Chicago av, Chicago, Ill.
Torrey J. R. Razor Co., Worcester, Mass.
Trieschman Luther H., 720 Main, Hartford, Conn.
Union Cutlery Co., Olean, N. Y.
Wanacek Strop & Cutlery Co., Fremont, O.
Wasserstrom L. B., 91 Gild, New York
Zig Zag Sales Co. (Safety), 217 W Grand av, Chicago, Ill.

14497— *Structural Steel

See also Steel Structural Work, etc.

Crouch W. J. Co., Inc., 253 B'way, New York
RYERSON JOS. T. & SON (Merchants), 2558 W 16th, Chicago, Ill., 2208 N 2d, St. Louis, Mo., 30 Church, New York, 726 Ford bldg, Detroit, Mich.
See adv index at end of book
Union Iron & Steel Co., 1610 Reading rd, Cincinnati, O.
West Side Structural Co., Troy, N. Y.

14497a—*Structural Steel Cutting (Oxy-Acetylene)

K. G. Welding & Cutting Co., 556 W 34th, New York *See adv index at end of book*

14498— *Stucco Boards

Bishopric Mfg. Co. ("Bishopric" for Interior or Exterior), 1415 Este av, Cincinnati, O.

14499— Stucco Mfrs.

Acme Cement Plaster Co. ("Mission," "Apex"), Frisco bldg, St. Louis, Mo.
American Cement Plaster Co., Lawrence, Kans.
American Gypsum Co., Cleveland, O.
American Magnesia Products Co., 417 W 12th pl, Chicago, Ill.
Cardiff Gypsum Plaster Co., Fort Dodge, Ia.
De Smet Quartz Tile Co. (Colored), 133 W Washington, Chicago, Ill.
Empire Gypsum Co., Garbutt, N. Y.
Gypsum Products Co., 14 E Jackson, Chicago, Ill.
Hoff, John D. Asbestos Co. ("Hoffite Asbestos"), Monadnock bldg, San Francisco, Cal.
Lycoming Calcining Co., Williamsport, Pa.
Monument Plaster Co. ("Oriental," Ready for Use), Harrison, N. J.
National Kellastone Co. ("Kellastone"), 5 S Wabash av, Chicago, Ill.
Niagara Gypsum Co. ("Niagara"), Buffalo, N. Y.
Plymouth Gypsum Co., Fort Dodge, Ia.
Reeb M. A. Corp, 599 Michigan av, Buffalo, N. Y.
Roc Bond Co. ("Rocbond"), Wren, O.
Rock Plaster Mfg. Co., 381 4th av, New York
Southern Gypsum Co., North Holston, Va.
United States Gypsum Co., 205 W Monroe, Chicago, Ill.
Wasem Paster Co., Fort Dodge, Ia.

14500— Stucco Retarder

National Retarder Co., Port Clinton, O.
United States Gypsum Co., 205 W Monroe, Chicago, Ill.

14501-2— Stucco Work

Architectural Decorating Co., 1600 S Jefferson, Chicago, Ill.
Berger H. Sons, 346 E. 34th, New York
Caproni P. P. & Bro., 1914 Washington, Boston, Mass.
Emmel Chas. & Rose Co., 383 Albany, Boston, Mass.
De Smet Quartz Tile Co. (Colored), 133 W Washington, Chicago, Ill.
Fischer & Jirouch Co., 4821 Superior av, Cleveland, O.
Forman Geo. A., 654 Gates av, Brooklyn, N. Y.
Grand Rapids Plaster Co., Grand Rapids, Mich.
Klee-Thomson Co., 327 E 40th, New York
Maltby W. H. & Sons, Corning, N. Y.
Root C. R., Hartford, Conn.
Schneider F. H., 631 W Belden av, Syracuse, N. Y.
Seifert Frank A. Plastic Relief Co., 2627 Dayton, St. Louis, Mo.
Tognarelli & Voigt Co., 1743 N 12th, Phila., Pa.
Van Malderen F., 5th & Jumonville, Pittsburgh, Pa.

14503—Studding ("Gypsteel")

Keystone Fire-Proofing Co., American bldg, Phila., Pa.

14504—Studs (Electric Fixture)

Appleton Electric Co., 230 N Jefferson, Chicago, Ill.
Barlow Foundry Co., 551 R. R. av, Newark, N. J.
Bonnell W. A. Co., 132 Church, New York
Colgan Wm. H. Co. ("Rex"), W Newton, Mass.
Curtis Screw Works, Buffalo, N. Y.
Grabler Mfg. Co., Cleveland, O.
Macallen Co., 16 Macallen, South Boston, Mass.
National Metal Molding Co. ("National" Stamp Steel), Fulton bldg, Pittsburgh, Pa.
Sprague Electric Works, 527 W 34th, New York
Steel City Electric Co. ("Star"), 1207 Columbus av, Pittsburgh, Pa.
Thomas & Betts Co., 63 Vesey, New York
Wil-Bar Mfg. Co. ("Wil-Bar"), 22 Clark ct, Detroit, Mich.

14505— Studs (Harness)

Jencks E. Mfg. Co. Worcester, Mass.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book

14506— Studs (Lacing)

General Mfg. Co., Waterbury, Conn.
Manufacturers' Belt Hook Co. ("L.-X.," "Blades," Gunmetal, "20th Century" Steel Belt), 1321 W Congress, Chicago, Ill.
Tubular Rivet & Stud Co., 87 Lincoln, Boston, Mass.

14507— Studs (Metal)

Berger Mfg. Co. ("Prong Lock," "Metal Lumber"), Canton, Ohio
DETROIT SCREW WORKS (Metal & Steel Studs), 348 Franklin, Detroit, Mich.
See adv index at end of book
Knapp Bros. Mfg. Co. ("Knapp's" for Plaster Fireproof Partitions), 2419 W 14th, Chicago, Ill.
Sharon Steel Hoop Co. (For Furring, etc), Sharon, Pa.
Truscon Steel Co. (Truscon Building Products), Youngstown, O.
Waltham Screw Co., Waltham, Mass.
Youngstown Pressed Steel Co. ("Youngstown"), Youngstown, O.

14508— Studs (Milled Iron)

Babson, Dow Mfg. Co., 60 Fulda, Boston, Mass.
Bethlehem Steel Co., So Bethlehem, Pa.
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Chicago Screw Co., 13 N Jefferson, Chicago, Ill.
Cincinnati Screw Co., Mercantile Library bldg, Cincinnati, O.
Cleveland Wrought Products Co., W. 58th & W. & L. E. Belt Line, Cleveland, O.
Corbin Screw Corporation New Britain, Conn.
Curtis Screw Works, Buffalo, N. Y.
DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book
Ferry Cap & Set Screw Co., Cleveland, O.
Hartford Machine Screw Co., Hartford, Conn.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hill Geo. Q. Co., Framingham, Mass.
Hope Wm. H. Co., Lowell, Mass.
Hopedale Mfg. Co., Milford, Mass.
National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.
National Sewing Machine Co., Belvedere, Ill.

Niagara Screw Co., Buffalo, N. Y.
Pawtucket Mfg. Co., Pawtucket, R. I.
Philadelphia Machine Screw Works, 624 Race, Phila., Pa.
Phillips R. B. Mfg. Co., Worcester, Mass.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Rhode Island Tool Co., Providence, R. I.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Worcester Mach. Screw Co., Standard Screw Co., Successors, Worcester, Mass.

14509— Stuffers (Sausage)

Enterprise Mfg. Co. of Pa., 3d & Dauphin, Phila., Pa.
Landers, Frary & Clark, New Britain, Conn.
Morris John B. Foundry Co., Court & Harriet, Cincinnati, O.
Murray Iron Works Co., Central av & Washington, Burlington, Ia.
National Specialty Mfg. Co., 3d av & Lehigh, Phila., Pa.
Peck, Stow & Wilcox Co. ("Perry" Pattern), Southington, Conn.
Rock Island Mfg. Co., Rock Island, Ill.
Sargent & Co. ("Perry" Pattern), New Haven, Conn.
Silver Mfg. Co. ("Wagner"), Salem, O.
Smith's John E. Sons Co., Buffalo, N. Y.
Union Machine Works & Iron Foundry ("Union"), 1821 S Water, Phila., Pa.
Wolf, Sayer & Heller (Wolf Peerless), Fulton & Peoria, Chicago, Ill.

Submarine Armor

See Diving Apparatus

14510—Substitutes (Stained Glass)

Parrish S. H. & Co., 202 S Clark, Chicago, Ill.
Quaile Wm. B. ("Glacier Seccotine") 405 Lexington av, New York
Ross W. A. & Bro. ("Glacier Imp), 11 S William, New York
Windowphanie Co. ("Windowphanie" Translucent Glass Decorations), 19 E 14th, New York

Suckers (Soot)

See Cleaners, Boiler Flue & Tube

14510a—Suction Draft System

Schutte & Koerting Co., 1251 N 12th, Phila., Pa.

14510b— *Sugar Cloth

Atlantic Jute Mills ("Atlas" Bag), Norfolk, Va.
Newark Wire Cloth Co., 222-230 Verona av, Newark, N. J.
See adv index at end of book

Sugar of Lead

See Acetate of Lead

Sugar Machinery

See Specific Article Required

14511—Sugar Plant Construction (Beet)

Allied Sugar Machy. Corp., 120 B'way, New York
Dibert, Bancroft & Ross Co., Ltd., Tulane & Hagan av, New Orleans, La.
Dyer Co., Cleveland, O.
Kelvin Engng. Co., 32 B'way, New York
Kilby Mfg. Co., Cleveland, O.
Larrowe Construction Co., 1199 Woodward av, Detroit, Mich.
Murphy John H., 643 Magazine, New Orleans, La.
Salich E. & Co., Monadnock Blk, Chicago, Ill.
Stearns-Roger Mfg. Co., Denver, Col.
Von Phul Gilbert D., Hibernia Bank bldg, New Orleans, La.
White J. G., Engineering Corp, 43 Exchange plc., New York

14512— Sugar Refineries

Alameda Sugar Co. (Beet Sugar), Alaska Commercial bldg, San Francisco, Cal. Factory: Alvarado, Cal.
Amalgamated Sugar Co. (Beet), Ogden, Utah
Amer. Beet Sugar Co., Denver, Col.
American Sugar Refining Co., 117 Wall, New York. Refineries: Brooklyn, N. Y., & Jersey City, N. J.
Arbuckle Bros., 70 Water, New York
California & Hawaiian Sugar Refining Co. (Beet Sugar), 230 California, San Francisco, Cal. Factory at Crockett, Cal.
Chaparra Sugar Co. (Cane), 129 Front, New York
Clinton Sugar Refining Co., Clinton, Ia.
Colonial Sugars Co., 129 Front, New York
Continental Sugar Co. (Beet), Toledo, O. Factories at Findlay, O.; Fremont, O., & Blissfield, Mich.
Corn Products Refining Co., 17 Battery pl, New York. Refineries: Argo, Ill., Davenport, Ia., Edgewater, N. J.; Granite City, Ill.
Cuban-American Sugar Co., 129 Front, New York
Federal Sugar Refining Co., 91 Wall, New York. Refineries: Yonkers, N. Y.
Franklin Sugar Refining Co., 125 S Orianna, Phila., Pa.
German-American Sugar Co. (Beet Sugar), West Bay City, Mich., & Paulding, O.
Great Western Sugar Co. (Beet), Denver, Colo.
Guantanamo Sugar Co., 129 Front, New York
Hawaiian Commercial & Sugar Co., Alaska Commercial bldg, San Francisco, Cal., & Puunene, T. H.
Holland-St. Louis Sugar Co. (Beet), Holland, Mich.
Holly Sugar Co. (Beet), Denver, Colo.
Honolulu Plantation Co., Hooker & Lent bldg, San Francisco, Cal., & Honolulu, T. H.
Imperial Sugar Co., Sugarland, Tex.
Iowa Sugar Co. (Beet), Waverly, Ia.
Lafayette Sugar Refining Co., Ltd., New Orleans, La.
Lockport Central Sugar Refining Co., Lockport, La.
Long Syrup Refining Co., 16th & Division, San Francisco, Cal.
McCahan W. J. Sugar Refining Co., Chestnut & Front, Phila., Pa.
Mercedita Sugar Co., 129 Front, New York
Menominee River Sugar Co. (Beet), Menominee, Mich.
Michigan Sugar Co. (Beet), Saginaw, Mich.
Miles Planting & Mfg. Co., Burnside, La.
Mollenhauer Sugar Refining Co., Kent av, Brooklyn, N. Y.
Mount Clemens Sugar Co. (Beet), Mount Clemens, Mich.
Nachman S. J. Refinery (Dextrine Sugar), 314 Lafayette, New York
National Sugar Mfg. Co. (Beet), Sugar City, Colo.
National Sugar Refining Co., 129 Front, New York. Refineries: Yonkers, N. Y., Long Island, N. Y., & Brooklyn, N. Y.
North Kensington Refinery (Malto-Dextrine), 362 2nd av, New York
Owosso Sugar Co. (Beet), Owosso, Mich.
Pope Chas. (Beet), 332 S Michigan av, Chicago, Ill.
Revere Sugar Refinery 15 Broad, Boston, Mass.
Sacramento Valley Sugar Co., Los Angeles, Cal. Refineries: Hamilton, Cal.
Salesburg Refining Co., Ltd., Lauderdale, La.
Spreckels Sugar Co. (Beet), 60 California, San Francisco, Cal. Factory. Spreckels, Cal.
Standard Refining Co. (Brewing Syrups), 217 West, New York
Toledo Sugar Co., Toledo, O.
Union Sugar Co. (Beet), 310 Sansome, San Francisco, Cal. Factory: Betteravia, Cal.
United States Sugar Co. (Beet Sugar), Madison, Wis.
Utah-Idaho Sugar Co., Salt Lake City, Utah
Warner Sugar Refining Co., 79 Wall, New York
West Bay City Sugar Co. (Beet), West Bay City, Mich.
Western Sugar Refining Co., 60 California, San Francisco, Cal.
Western Sugar & Land Co. (Beet), Grand Junction, Col.

Suit Cases

See Traveling Bags & Suit Cases

Sulphate of Alumina

See Alumina

14513-4-5-6—Sulphate of Ammonia

Alexander G. S. & Co., Inc. (Brokers), 61 B'way, New York
See adv index at end of book
American Agricultural Chemical Co., 2 Rector, New York
Armour Fertilizer Works, U. S. Yards, Chicago, Ill.
Ashcroft-Wilkinson Co., Atlanta, Ga.
Baker H. J. & Bro. (Imported), 81 Fulton, New York
Barrett Co., 17 Battery pl, New York
Buffalo Fertilizer Works, Marine Bk. bldg, Buffalo, N. Y.
Cambria Steel Co., Widener bldg, Phila., Pa.
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Heller Jos. S. (Importers & Brokers), 62 William, New York
Katzenbach & Bullock Co., 100 William, New York
Lang J. M. & Co. (Brokers), Savannah, Ga.
Listers Agr'l Chemical Works, 2 Rector, New York
Merrimac Chemical Co., 148 State, Boston, Mass.
Munro Robt. A. & Co. (Imp.), 25 Pine, New York
New England Gas & Coke Co., 111 Devonshire, Boston, Mass.
Peters White & Co. (Importers), 55 John, New York
Tennant C. Sons & Co. of N. Y. (Importers), 100 William, New York
Walter Edw. J. Co. (Brokers), American bldg, Baltimore, Md.
White Thos. H. & Co. (Brokers), 11 S Gay, Baltimore, Md.

Sulphate of Copper

See Copper Sulphate; also Chemicals, Battery

Sulphate of Iron

See Copperas

Sulphate of Lead

See Lead Sulphate

Sulphate of Lime

See Lime Sulphate

14517— Sulphate of Soda

See also Salts, Glaubers

Baugh & Sons Co., 20 S Delaware av, Phila., Pa.
Butterworth-Judson Co., Passaic River, Newark, N. J.
Contact Process Co., Buffalo, N. Y.
General Chemical Co. (Also Calcined Sulphate & Concentrator), 25 Broad, New York
Grasselli Chemical Co. (Anhydrous), Guardian bldg, Cleveland, O.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Jarecki Chemical Co., Sandusky, O.
Klipstein A. & Co., 644 Greenwich, New York
Merrimac Chemical Co., 148 State, Boston, Mass.
Pennsylvania Salt Mfg. Co. (Glass Makers' Salt Cake), Widener bldg, Phila., Pa.
Powers-Weightman-Rosengarten Co., 916 Parish, Phila., Pa.
Scheel Wm. H. (Imp.) (Refined, etc), 159 Maiden la, New York
Thomsen Chemical Co., Munsey bldg, Baltimore, Md.
Western Chemical Mfg. Co., Denver, Colo.

14518-9-20— Sulphate of Zinc

American Metal Co., 61 B'way, New York
Avery Chemical Co., 88 Broad, Boston, Mass.
C. P. N. CHEMICAL CO., 78 Reade, New York, & 231 W Huron, Chicago, Ill.
Domestic Chemical Corp., Maspeth & Gardner avs, B'klyn, N. Y.
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
SANDOVAL ZINC CO., 410 N Peoria, Chicago, Ill.

SULPHATE OF ZINC—continued
Scheel Wm. H. (Foreign), 159 Maiden la, New York
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

Sulphide of Iron
See Iron Sulphide

Sulphide Soda
See Sodium Sulphide

14521—Sulphite Plant Equipment
Stebbins Engineering & Mfg. Co., Watertown, N. Y.

14522-3— Sulphite Pulp
Brown Company (Bleached & Unbleached), Portland, Me.
Castle, Gottheil & Overton, 200 5th av, New York
Cherry River Paper Co., Land Title bldg, Phila, Pa.
Detroit Sulphite Pulp & Paper Co., Detroit, Mich.
Nekoosa-Edwards Paper Co., Port Edwards, Wis.
Oxford Paper Co. (Bleached), 200 Fifth av, New York
Parsons Pulp & Lumber Co. (Spruce, Bleached & Unbleached), Finance bldg, Phila., Pa.
Sergeant E. M. Co., 95 Madison av, New York
Union Bag & Paper Corp., 233 B'way, New York
West Va. Pulp & Paper Co. (Bleached Spruce), 200 Fifth av, New York

Sulphite Soda
See Sodium Sulphite

14524— Sulphur Apparatus
Blymyer Iron Works Co., Cincinnati, O.
Knott L. E. Apparatus Co. ("Jenkins"), 79 Amherst, Cambridge, Mass.

Sulphur Chloride
See Chloride of Sulphur

Sulphur Colors
See Colors, Sulphur

14525— Sulphur Dioxide
Ansul Chemical Co. (Liquid), Marinette, Wis.
Cooper Chas. & Co. (Liquid), 194 Worth, New York
Virginia Smelting Co. (Liquid), West Norfolk, Va.

14526— Sulphur Flour

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Mechling Bros. Mfg. Co., Camden, N. J.

14527— Sulphur (Refined)
Battelle & Renwick ("Brooklyn"), 80 Maiden la, New York

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

White T. & S. C. Co., 100 William, New York

14528— Sulphur & Brimstone
Battelle & Renwick (Flour, Sublimed & Roll), 80 Maiden la, New York
Commercial Acid Co., Boatman's Bk. bldg, St. Louis, Mo.
Doggett Stanley (Imp.), 11 Cliff, New York
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
General Chemical Co. (Roll Brimstone Flour & Flowers of Sulphur), 25 Broad New York
Grasselli Chemical Co., Guardian bldg, Cleveland, O.

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Hollingworth & Peterson, Lafayette bldg, Phila., Pa.
Lang J. M. & Co. (Brokers), Savannah, Ga.
Mechling Bros. Mfg. Co. (Powdered), Camden, N. J.
Nassau Sulphur Wks., 92 William, New York
National Sulphur Co., 80 Maiden la, New York
Scheel Wm. H. (Sulphur Jobbers), 159 Maiden la, New York
Thomsen Chemical Co., Munsey bldg, Baltimore, Md.
Union Sulphur Co. (High Grade Brimstone), 17 Battery pl, New York: Mines: Calcasieu, La.
White T. & S. C. Co. (Sublimed Flowers & Flour), 100 William, New York

14528a—Sulphur & Brimstone (Crude)
Cuprite Sulphur Corp., 50 E. 42nd, New York
Freeport Sulphur Co. (Sulphur Only), Freeport, Tex.
Parson & Petit (Selling Agents), 63 Beaver, New York
Union Sulphur Co. (Sulphur Only), 17 Battery pl, New York

Sulphuric Acid
See Nitre Cake, also Acid, Sulphuric

14528b—*Sulphuric Acid Apparatus
Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

14528c—*Sulphuric Acid Recovering Apparatus
Buffalo Foundry & Machine Co., 65 Winchester, Buffalo, N. Y.
See adv index at end of book

14529— Sumac
Androvette & Townsend (Sicily) (Imp.), 235 Water, New York
Baker W. W. Tanning Co., Hallsboro, Va.
Brackett Josiah & Son, 134 Summer, Boston, Mass.
Innis, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*
Klipstein A. & Co. (Ground, Imp.), 644 Greenwich, New York
Leyland Thos. & Co., Readville, Boston, Mass.
Marden, Orth & Hastings Co. (Imp. Sicily), 61 B'way, New York
Moore, Warner & Co., 17th, Richmond, Va.
National Sumac & Herb Co., Henderson, N. C.
Neumann R. & Co. (Imported), 76 Worth, New York
Tennant C. Sons & Co. of N. Y. (Imported), 100 William, New York
Whittemore-Wright Co. (Sicily) & Virginia), Charlestown, Boston Mass.

14530—Summer Houses or Arbors
Barbee Wire & Iron Works, 170 N Dearborn, Chicago, Ill.
Champion Iron Co. (Steel), Kenton, O.
Howard & Morse, 46 Fulton, New York
Meyers Fred. J. Mfg. Co., Hamilton, O. *See adv index at end of book*
Ready Built Home Co., Mystic, Conn.
Smith F. P. Wire & Iron Co., 2340-48 Clybourn av, Chicago, Ill. *See adv index at end of book*

14531— Sun Dials
Erkins Studios, 227 Lexington av, New York
Gardam Wm. & Son, 114 Park pl, New York
GORHAM CO. ARCH'L BRONZE (Bronze) 5th av & 36th, New York. Works: Providence, R. I. *See adv index at end of book*
Janusch Mfg. Co., 496 E 134th, New York
Jones M. D. Co., 73 Portland, Boston, Mass.
Jordan Adolph M., 37 E 5th, Cincinnati, O.
Mitchell-Bissell Co., 251 4th av, New York
Rostand Mfg. Co. ("Rostand," Bronze), Milford, Conn.
Salo Art Metal Co., Binghamton, N. Y.

14532—Sun & Heliographic Printing
Amsler Blue Print Co., 30 Church, New York
Keuffel & Esser Co., Hoboken, N. J.
Pease C. F. Co., 220 W Institute pl, Chicago, Ill.

14533—Superheaters (Steam)
BABCOCK & WILSON CO., 85 Liberty, New York
Badenhauser Co. ("Simplex"), Rialto bldg, San Francisco, Cal. *See adv index at end of book*
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*
Heine Safety Boiler Co., 5319 Marcus av, St. Louis, Mo.
Hussey, McCann & Co., 87 Warren, New York
Locomotive Superheater Co. (For Locomotives & Steamships), 30 Church, New York
Parker Boiler Co., Penna. bldg., Phila., Pa.
Power Specialty Co. ("Foster"), 111 B'way, New York
Superno Co., Inc., 52 B'way, New York
Thacher Geo. H. & Co., Albany, N. Y.
United Gas Improvement Co. ("Standard Double"), Phila., Pa.
WESTINGHOUSE ELECTRIC MFG. CO., Westinghouse bldg, Pittsburgh, Pa.

14534— Superphosphates
American Agricultural Chemical Co. (Concentrated), 2 Rector, New York
Ashcraft Wilkinson Co., Atlanta, Ga.
Union Superphosphate Co., **343 Sansome,** San Francisco, Cal.
Virginia-Carolina Chemical Co. (Of all Grades), 11 S 12th, Richmond, Va.

Supplies (Bowling Alley)
See Balls, Bowling, Wood

14535—Supports (Bus Bar & High Tension, Etc.)
Alherene Stone Co. (Soapstone), 223 E 23rd, New York
Delta-Star Electric Co., 2437 Fulton, Chicago, Ill.
Electrical Engineers Equipment Co., 711 Meridian, Chicago, Ill.

14536—Supports (Carriage Top)
Essex Brass Foundry Co. ("Essex"), Cambridge, Mass.

14537— Supports (Cask)
Girard Iron Works, 22d & Master, Phila., Pa.
Grimm Iron Works, Cincinnati, O.
Schreiber L. & Sons Co. (Adjustable), 3869 Ivanhoe, Cincinnati, O.

14538—Supports (Cross Arm)
Hallett Iron Works ("Hallett Steel Gains"), Harvey, Ill.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill. *See adv index at end of book*

14539—Supports (Desk & Table)
Weber-Knapp Co., Jamestown, N. Y.

14540— Supports (Partition)
Auer John Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.

14541— Supports (Porch)
Enterprise Hardware Mfg. Co., Frederick, Md.
Gray Iron Foundry Co. (Japanned), Cast Iron), Reading, Pa.
Indiana Hollow Ware Co. (Cast Iron Coppered), Jeffersonville, Ind.
Williams A. C. Co. (Japanned), Ravenna, Ohio

14542— Supports (Rein)

Frazer & Jones Co. (Hip Strap), Syracuse, N. Y.
Searls Mfg. Co., 29 Mulberry, Newark, N. J.

14543— Supports (Shelf)

Chicago Hardware Foundry Co. (Cast Iron), 546 W Washington, Chicago, Ill.
Coleman Hardware Co., 122 S Michigan av, Chicago, Ill.
Corbin P. & F., New Britain, Conn.
Grand Rapids Hardware Co., Grand Rapids, Mich.
Grey Iron Casting Co. (For Adjusting Shelves), Mt. Joy, Pa.
Hardware Supply Co., Grand Rapids, Mich.
Johnston J. D. (Shelf Pins), Newport, R. I.
Keystone Friction Hinge Co., Williamsport, Pa.
National Lock Co. (Library Bookcase, etc), Rockford, Ill.
Reading Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn.
Stover Mfg. Co., Freeport, Ill.
Weber-Knapp Co. (Brass Plated), Jamestown, N. Y.

14544—Supports (Telegraph Poles)

Columbus Handle & Tool Co., Columbus, Ind.
Dicke Tool Co., Downers Grove, Ill.
Klein Mathias & Sons ("Klein's Metal"), 562 W Van Buren, Chicago, Ill.
Meckel Fred L., 11 E 13th, Chicago, Ill.
Paul & Fulton ("Haggard"), 31 W Kinzie, Chicago, Ill.
Ransome-Leach Co., 115 B'way, New York

14545—Supports (Wagon Tongue)

Harvey Spring & Forging Co. ("Lindquist"), Racine, Wis.

14546— Surcingles

Buffalo Weaving & Belting Co., Buffalo, N. Y.
Langstroth T. W., 77 Warren, New York

14547-8—Surfacers (Metal)

Peckham Mfg. Co. (For Dry Barrel Polishing), 244 South, Newark, N. J.
St. Louis Surfacer & Paint Co. ("Metalsteel"), Arlington & Terminal Belt Line, St. Louis, Mo.

Surveyors' Instruments

See Engineering & Surveying Instruments

14549— Swabs (Molders')

Dobson William, Canastota, N. Y.

14550— Swage Blocks

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Fisher & Norris, Trenton, N. J.
Huntsville Foundry & Machine Co., Huntsville, Ala.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Indiana Foundry Co., Indiana, Pa.
Noyes B. B. Co. ("Little Gaint," also Combined Swage Blocks & Mandrels), Greenfield, Mass.
South Bend Foundry Co. (Cast Iron), South Bend, Ind.
Southern Skein & Foundry Co., Chattanooga, Tenn.
Swett A. L. Iron Works, Medina, N. Y.

14551— Swages (Saw)

Ajax Mfg. Co. ("Leslie," "Ibsen Bros."), 848 Jackson, Pittsburgh, Pa.
Atkins E. C. & Co. ("Victor"), Indianapolis, Ind.
Covel Mfg. Co., Benton Harbor, Mich.
Crowell D. J., 61 Terrace, Buffalo, N. Y.
Disston Henry & Sons (Inc.), Tacony, Phila., Pa.
Emerson Smith & Co. (Solid Steel), Beaver, Pa.
Hanchett Swage Works (Adjustable Foot Circular Saws, etc), Big Rapids, Mich.
Hinds Thos. Co., Malone, N. Y.
Hoe R. & Co., 504 Grand, New York
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*
Mixter J. W. Saw Tool Co. ("Mixter" Duplex Saw Tooth Swage), Plymouth, Mass.
Phoenix Mfg. Co. ("White" Phoenix"), Eau Claire, Wis.
Pribnow Swage & Tool Works ("Pribnow"), Mellen, Wis.
Rogers Samuel C. & Co., 10 Lock, Buffalo, N. Y.
SIMONDS MFG. CO., Fitchburg, Mass. *See adv index at end of book*
White A. E. Machine Works ("Champion"), Eau Claire, Wis.
Wright Chas. E. Co. (For Band Saws), Kenilworth, N. J.

14552— Swages (Toe Calk)

Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.

14553—Swages (Top, Bottom, Etc.)

Beall Bros., Alton, Ill.
Champion Tool Co. ("Champion"), Meadville, Pa.
Evansville Tool Works, Evansville, Ind.
Heller Bros. Co., 879 Mt. Prospect av, Newark, N. J.
Iron City Tool Works (Ltd.) (Tin Plate, Cushion, Tire, Channel, Collar, etc), 3201 Smallman, Pittsburgh, Pa.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Vaughan & Bushnell Mfg. Co. ("V. & B."), 2114 Carroll av, Chicago, Ill.

14554—Sweaters, Cardigans, Etc.

Albany Knitting Co., Albany, N. Y.
Alberta Knitting Mills, Lena & Armat, Gtn., Phila., Pa.
Albion Knit Goods Co., Utica, N. Y.
Allen J. & B., 4980 Sheldon av, Phila., Pa.
American Hosiery Co., New Britain, Conn.
American Knitting Co., Waltham, Mass.
American Knitting Co., Honesdale, Pa.
American Knitting Mills, Central Trust bldg, Phila., Pa.
Angora Knitting Mill, Detroit, Mich.
Angora Specialty Co., 87 34th, Brooklyn, N. Y.
Ascher Simon & Co., 390 4th av, New York
Ashboyton Knitting Co., Shelburne Falls, Mass.
Atlantic Knitting Mills, 1270 B'way, New York
Augstein S. & Co., 352 4th av, New York
Avalon Knitwear Co. (Underwear), Utica, N. Y.
Bailey Knitting Mills, Fort Plain, N. Y.
Ballard Knitting Co., Norristown, Pa.
Bannister Geo. M. & Co., 3562 N Marshall, Phila., Pa.
Bavaria Knitting Mills, 121 S Market, Chicago, Ill.
Bell Knitting Co., 352 4th av, New York
Bergman Knitting Mills, Osceola & Pastorius, Gtn., Phila., Pa.
Berlin Knitting Co., Bangor, Me.
Berlin Knitting Mills, 187 Broadway, Brooklyn, N. Y.
Berwin Knitting Mills, 424 Bainbridge, Brooklyn, N. Y.
Bitzer Chas. & Son, 2513 E Fletcher, Phila., Pa.
Blauvelt Knitting Co., 280 Pine, Newark, N. J.
Blepp Knitting Wks., 6824 Superior av, Cleveland, O.
Boerum Knitting Mills, 105 Meserole, Brooklyn, N. Y.
Bower Knitting Co., Hawley, Pa.
Bradley Knitting Co., Delavan, Wis.
Breathwaite Wm., 4931 Germantown av, Gtn., Phila., Pa.
Brown Knitting Co., Warsaw, N. Y.
Burns Knitting Co., Nashua, N. H.
Byrne Thos. F., Phoenixville, Pa.
Cache Knitting Works, Logan, Utah
Canadian Knitting Mills, 86 Meserole, Brooklyn, N. Y.
Capitol Knit Works, 745 De Kalb av, Brooklyn, N. Y.
Central Knitting Co., 772 Madison, Brooklyn, N. Y.
Chapman Knitting Mills, 68 E 131st, New York
Chester Knitting Works, 2103 Pitkin av, Brooklyn, N. Y.
Chicago Knitting Mills, 2103 Pitkin av, Brooklyn, N. Y.
Claremont Knitting Co., 206 Stagg, Brooklyn, N. Y.
Clinton Knitting Co., Clinton, N. Y.
Coast Knitting Co., Woodbine, N. J.
Colonial Knitting Mills, 291 Essex, Brooklyn, N. Y.
Columbia Knitting Mills, 116 W 32d, New York
Columbia Knitting & Mfg. Co., 236 B'way, Milwaukee, Wis.
Continental Knitting Mills, 860 Flushing av, Brooklyn, N. Y.
Crescent Co., 53 E 21st, New York
Crossingham Knitting Mills, 243 Ashmead, Phila., Pa.
Dornbaum Knitting Co., 3136 Lincoln av, Chicago, Ill.
Draper Bros. Co., Canton, Mass.
Dunham Mills, Hartford, Conn.
Eagle Knitting Mills, 382 B'way, Milwaukee, Wis.
Eckert Knitting Mills, 923 20th av, N, Minneapolis, Minn.
Elboeuf Knitting Co., Utica, N. Y.
Ellery Knitting Mills, 251 Stockton, Brooklyn, N. Y.
Empire Knitting Mills, 154 Whiting, Chicago, Ill.
Empire Knitting Mills, 236 Bank, Newark, N. J.
Empire Knitting Works, 10 Varet, Brooklyn, N. Y.
European Knitting Mills, 80 Manhattan av, Brooklyn, N. Y.
Evans Chas. Jr., Needham Heights, Mass.
Fain Knitting Mills, 902 Park av, Brooklyn, N. Y.
Federal Knitting Mills Co., Detroit & W 29th, Cleveland, O.
Fergus Falls Knitting Works, Fergus Falls, Minn.
Fitwell Knitting Co. (Men's Worsted Underwear), Cohoes, N. Y.
Fleischer Ernst Knitting Co., 379 11th av, Milwaukee, Wis.
Florence Knitting Mills, Lehigh & Mutter, Phila., Pa.
Franklin Knitting Mills, 511 E 72d, New York
Friedman Blau Farber Co., Cleveland, O.
Fromm S., 93 Underhill av, Brooklyn, N. Y.
Fruchthendler L. & Co., 616 E 5th, New York
Gantner & Mattern Co., Grant av & Post, San Francisco, Cal.
Garon I., Duluth, Minn.
Germania Knitting Works, 440 Canal, New York
Gernshyn Hy. & Bro., 32 Stockton, Brooklyn, N. Y.
Gibralter Knitting Mills, 1010 W 12th, Chicago, Ill.
Gilbert Knitting Co., Little Falls, N. Y.
Goldsmith's P. Sons, John, Findlay & Charlotte, Cincinnati, O.
Goodenow-Brookfield Knitting Co., 420 B'way, Kansas City, Mo.
Gotham Knitting Mills, 30 W 21st, New York
Graef Christ, 2261 N 2d, Phila., Pa.
Grand Knitting Works, 291 Essex, Brooklyn, N. Y.
Great Western Knitting Co., 110 Buffalo, Milwaukee, Wis.
Greaves Thos., 5241 Wakefield, Gtn., Phila., Pa.
Green-Haas-Schwartz Co., Euclid av & E 57th, Cleveland, O.
Hamburg Knitting Mills, 685 Park av, Brooklyn, N. Y.
Hamilton Hosiery Mills, Hamilton, N. Y.
Hamilton Knitting Mills, 70 3d, Brooklyn, N. Y.
Harvard Knitting Mills, 19 E 24th New York
Hatheway & Reynolds, Oriskany Falls, N. Y.
Hellmer M., 311 Poplar, Phila., Pa.
Hermanson Severin S., Marinette, Wis.
Highland Knitting Mill Highland, N. Y.
Highland Worsted Mills, Camden, N. J.
Hitchcock & Curtiss Knitting Co., Hartford, Conn.
Hoag C. F. Co., Poughkeepsie, N. Y.
Houlton Woolen Mill, Houlton, Me.
Hummel W. F., 936 3d, Milwaukee, Wis.
Hutton Mfg. Co., 44 N 3d, Phila., Pa.
Hygienic Fleeced Underwear Co., 2415 N Howard, Phila., Pa.
Hygrade Knitting Mills, 777 S 18th, Newark, N. J.
Ideal Knitting Mills, 587 Hendrix, Brooklyn, N. Y.

SWEATERS, CARDIGANS, ETC.—cont'd
Illinois Knitting Mills, 640 B'way, Brooklyn, N. Y.
Imperial Knitting Co., 1075 3d, Milwaukee, Wis.
Inland Knitting Works, Green Bay, Wis.
Jersild Knitting Co., Neenah, Wis.
Kaiser Knitting Works, 260 Stone av, Brooklyn, N. Y.
Keefer & Maxwell, Camillus, N. Y.
Kellner Knitting Co., 5100 Euclid av, Cleveland, O.
Kenosha Knitting Co., Kenosha, Wis.
Key E. H., Fort Hunter, N. Y.
Keystone Underwear Co., Lititz, Pa.
Kinderhook Knitting Co., Kinderhook, N. Y.
Kingston Knitting Co., 37 Kingston, Boston, Mass.
Knit Goods Mfg. Co., 196 Palmeto, Brooklyn, N. Y.
L. & P. Knitting Co., Hawley, Pa.
Lake Superior Knitting Works, Appleton, Wis.
La Tosca Knitting Company, Utica, N. Y.
Lenox Knitting Works, 400 Nostrand av, Brooklyn, N. Y.
Levin Wm., 204 Canal, New York
Levine & Co., 291 Essex, Brooklyn, N. Y.
Lindloff H. C., Bennington, Vt.
London Knitting Mills, 371 Quincy, Brooklyn, N. Y.
Longisland Knitting Mills Co., 335 Throop av, Brooklyn, N. Y.
Lorenz Knit Goods Mfg. Co., 237 S Wells av, Chicago, Ill.
Lorio Jacob, Dedham, Mass.
Louer Bros., 651 S 5th av, Chicago, Ill.
Lowenthal Max & Sons, Rochester, N. Y.
Maer Knitting Mills, 392 B'way, New York
Malden Knitting Mills, Malden, Mass.
Mansfield Jos. W., 1527 Ridge av, Phila., Pa.
Marinette Knitting Mills, Marinette, Wis.
Mendelson Hermon, 159 Court, Brooklyn, N. Y.
Michigan Knitting Co., Lansing, Mich.
Midland Knitting Mills, 1256 Clybourne av, Chicago, Ill.
Miehpaul Mfg. Co., Orchard & Trsdl. Phila., Pa.
Minnesota Knitting Mills, 514 St. Peter, St. Paul, Minn.
Model Knitting Works, Salt Lake City, Utah
Model Mfg. Co., 442 B'way, New York
Mohawk Valley Cap Factory, Utica, N. Y.
Monarch Knitting Co., Buffalo, N. Y.
Morgan Knitting Mills ("Veco"), 457 18th av, Newark, N. J.
Muller Julius, 13 Bleecker, Brooklyn, N. Y.
National Knitting Works, Randolph & Jefferson, Phila., Pa.
National Knitting Works Co., 1967 E 57th, Cleveland, O.
Nehrich R. B., 1260 B'way, Brooklyn, N. Y.
Newark Knitting Works, 587 S 10th, New ark, N. J.
New Way Knitting Co., Williamston, Mich.
N. Y. Knitting Mills, 141 Wooster, New York
North American Knitting Mills, 740 Flushing av, Brooklyn, N. Y.
Northern Knitting Mills, 57 W 19th, New York
Northfield Knitting Co., Northfield, Minn.
Northland Knitting Co., 1301 Central av, Minneapolis, Minn.
Norwich Knitting Co., Norwich, N. Y.
Novelty Knitting Mills, 1015 Diamond, Phila., Pa.
Nusbaum D. & Co., 341 5th av, New York
Olympia Knitting Mills, 15 Mercer, New York
Olympian Knit Goods Co., New Hartford, N. Y.
Osborne Wm., 1118 W Montgomery av, Phila., Pa.
Pacific Knitting Mills, Los Angeles, Cal.
Pacific Knitting Mills, Seattle, Wash.
Passaic Knitting Works, Garfield, N. J.
Pearl Waist Co., Inc. (Underwear), Cohoes, N. Y.
Penna. Knitting Mills, 16th & Callowhill, Phila., Pa.
Pfister J. J. Knitting Co., 114 Sansome, San Francisco, Cal.
Pike John E., Mascher bl, York, Pa.
Pioneer Knitting Co., 19 S 4th, Phila., Pa.
Posern Herman, 1808 South, Phila., Pa.
Progressive Knitting Works, 422 S 5th, Brooklyn, N. Y.
Puritan Knitting Mills, Juniper & Vine, Phila., Pa.
Quaker City Sweater Mills, Broad & Wallace, Phila., Pa.
Rensselaer & Valatie Mills, Valatie, N. Y.
Rex Knitting Co., Little Falls, N. Y.
Rich N. J. Co., Euclid & E 61st, Cleveland, O.
Richter Louis, 617 S 4th, Phila., Pa.
Riehm Knitting Mills, Adams & Unity, Frankfort, Phila., Pa.
Roff Underwear Co., Cohoes, N. Y.
Root Mfg. Co. (Tivoli Mills), Cohoes, N. Y.
Roper Bros Co., Needham Heights, Mass.
Rosen Knitting Mills, 441 Blake av, Brooklyn, N. Y.
Royal Knitting Mills, 846 W. Jackson blvd, Chicago, Ill.
Salt Lake Knitting Works, Salt Lake City, Utah
Sand Jno. A., 2408 W Chicago av, Chicago, Ill.
Saxony Knitting Co., Seattle, Wash.
Saxony Knitting Mills, Needham Heights, Mass.
Shoyer D. W. & Co., 30 Main, Brooklyn, N. Y.
Singer Knitting Mills, 251 Varet, Brooklyn, N. Y.
Society of Shakers, Enfield, N. H.
Spalding A. G. & Bros., 126 Nassau, New York
Specialty Knitting Works, 593 6th, Detroit, Mich.
Spicer John, 84 Woodbine, Brooklyn, N. Y.
Stall & Dean Mfg. Co., Brockton, Mass.
Standard Knitting Co., 2202 Superior av, N E, Cleveland, O.
Starrels Morris & Co., 2122 E Dakota, Phila., Pa.
Sterling Knit Goods Co., Stiles, Boston, Mass.
Sterling Mills, Ilion, N. Y.
Strauss Knitting Mills, 3220 N Clark, Chicago, Ill.
Suffolk Knitting Co., E. Boston, Mass.
Sunset Knitting Co., 334 Sutter, San Francisco, Cal.
Superior Mfg. Co., Hoosick Falls, N. Y.
Swansdown Knitting Co., Hudson, N. Y.
Tally-Ho Knitting Co., East Douglas, Mass.
Thurman Mfg. Co., 427 Ashmead, Phila., Pa.
Treinis Bros., 126 13th, Brooklyn, N. Y.
Union Knitting Mills, 53 N 3d, Phila., Pa.
Union Knitting Mills Co., Logan, Utah
Union Knitting Works, 110 Thatford av, Brooklyn, N. Y.
Union Mills , Hudson, N. Y.
United Knitting Co., 42 N 6th, Phila., Pa.
Visor Knitting Mills, Niagara Falls, N. Y.
Waymart Knitting Mill, Waymart, Pa.
Webber Geo. F., Detroit, Mich.
Weiss J., 48 Mangin, New York
Wertheimer Bros., 289 6th av, New York
Western Knitting Mills, 231 Maujer, Brooklyn, N. Y.
Western Knitting Mills, 1140 Blue Island av, Chicago, Ill.
Wexler Knitting Mills, 29 N 2d, Phila, Pa.
Whitman Bros., Little Falls, N. Y.
Williamsburg Knitting Mills, 20 Bogart, Brooklyn, N. Y.
Wisconsin Knitting Mills, Manitowoc, Wis.
Wye Geo. E. Co., Needham, Mass.
Wye Wm. H. & Co., Needham, Mass.
Yale Knitting Co., Malden, Mass.
Yale Knitting Mills, 514 B'way, New York
Yund, Kennedy & Yund, Amsterdam, N. Y.
Zimmerman C. Son Co., 70 Tuers av, Jersey City, N. J.
Zulu Knitting Co., Two Rivers, Wis.

14555— Sweaters (Dog)

Brauer Bros. Mfg. Co., 204 N 14th, St. Louis, Mo.

14556— Sweepers (Carpet)

Bissell Carpet Sweeper Co. ("Bissell's," "Goshen"), Grand Rapids, Mich.
Curtis N. A. Mfg. Co., Columbus, O.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Goshen Sweeper Co., Grand Rapids, Mich.
Metal Stampings Corp. ("Sterling," "Streator," "Eureka"), Streator, Ill.
National Sweeper Div. of the Torrington Co. ("Torrington," "Peerless"), Torrington, Conn.

14557—Sweepers (Carpet, Vacuum)

See also Vacuum Cleaners, Hand & Power
Bissell Carpet Sweeper Co. ("Bissell's Goshen"), Grand Rapids, Mich.
Clements Mfg. Co. ("Cadillac"), 609 Fulton, Chicago, Ill.
Domestic Vacuum Cleaner Co. ("Domestic" Hand Power Suction), Torrington, Conn.
Elite Vacuum Cleaner Mfg. Co. ("Elite"), Kesner bldg, Chicago, Ill.
Hoover Suction Sweeper Co. ("Hoover"), New Berlin, O.
Household Mfg. Co. ("Sunshine"), 1221 Filbert, Phila., Pa.
Lindstrom, Smith Co. ("White Cross"), 1110 S Wabash av, Chicago, Ill.
National Sweeper Division of the Torrington Co. (Torrington Hand Power Suction), Torrington, Conn.
Peoria Can Co. ("Hoosier" Hand), Peoria, Ill.
Perkins Wilbur C. & Co. ("Perkins"), 1925 S Western av, Chicago, Ill.
Pneuvac Co. ("Sweeper-Vac"), 59 Temple pl, Boston, Mass.
Santo Vacuum Cleaner Co. ("Home"), 820 6th av, New York
United Vacuum Sweeper Co., 2445 W 19th, Chicago, Ill.
Wise McClung Mfg. Co. ("America"), New Philadelphia, O.

14558— Sweepers (Lawn)

Everwear Mfg. Co., Springfield, O.
Philadelphia Lawn Mower Co., 3107 Chestnut, Phila., Pa.

Sweepers (Street Railway)

See Street Railway Sweeping Machines

14559-60— Swings (Barrel)

Leavitt Machine Co., Orange, Mass.
Penn Hardware Co. ("Boston" Adjustable), Reading, Pa.
Upton & Gilman Machine Co. ("Perfect"), Lowell, Mass.

14561— Swings (Lawn)

Austell Swing & Ladder Co., Austell, Ga.
Babcock Mfg. Co. ("Otsego"), Leonardsville, N. Y.
Barley Thos. K. ("Sedalia," "Boss"), Sedalia, Mo.
Border City Industrial Co., Border City, N. Y.
Bristol & Gale Co., 158 Carroll av, Chicago, Ill.
Buch's A. Sons Co. ("Eagle," Steel Reclining & Adjustable Seat, etc), Elizabethtown, Pa.
Bushnell Tank Works ("Bushnell"), Bushnell, Ill.
Canfield H. C. ("Home Comfort" Lawn or Porch), Batesville, Ind.
Carriage & Toy Co., 741 W Lombard, Baltimore, Md.
Challenge Co. ("Peerless," "Monarch," "Fairy" & "Royal" Wood), Batavia, Ill.
Chattanooga Wheelbarrow Co., Chattanooga, Tenn.
Consolidated Pump Co., Toledo, O.
Crescent Mfg. Co., Louisville, Ky.
Cupples Sam'l Woodenware Co., 7th & Spruce, St. Louis, Mo.
Dain Mfg. Co. ("Dain's Alaska"), Ottumwa, Ia.
Dowden Mfg. Co. (Ltd.), Prairie City, Ia.
Eureka Mower Co. ("Eureka"), 16 Hickory, Utica, N. Y.
Fairfield Lawn Swing Co. ("Fairfield"), Brunswick, Me.
Fleming & Sons Mfg. Co. ("Fleming"), Huntsville, Mo.
Florence Wagon Co., Florence, Ala.
Forbes Mfg. Co. ("Mogul"), Hopkinsville, Ky.
Fry Bros. Mfg. Co., Richmond, Ind.
Gem Mfg. Co., Nth., Girard, Pa.
Giant Mfg. Co., Council Bluffs, Ia.
Goshen Churn & Ladder Co. ("Winner," "Imperial," "No. 8," "Zephyr" & "Bonanza"), Goshen, Ind.
Goshen Mfg. Co., Goshen, Ind.
Grote F. Mfg. Co., Evansville, Ind.
Haggard & Marcusson Co. ("Comfort Swing Chair"), 1109 W 37th, Chicago, Ill. *See adv index at end of book*
Haish Jacob Co., DeKalb, Ill.
Hay Tool Mfg. Co. ("Iowa"), Council Bluffs, Ia.

Hayes Pump & Planter Co., Galva, Ill.
Kalamazoo Sled Co., Kalamazoo, Mich.
Keller Mfg. Co. ("Keller"), 1325 N E, Quincy, Minneapolis, Minn.
Lattimer W. H. & Sons, Orwell, N. Y.
Moulton C. W. H. Co. ("New England"), Somerville, Mass.
MYERS F. E. & BRO. ("Ashland" Low Down Roller), 800 Orange, Ashland, O.
See adv index at end of book
Noll Bros. & Smith ("Bausman"), Bausman, Pa.
North Vernon Lumber Co. (Telescopic Assembled Lawn & Autonote Porch), North Vernon, Ind.
Ohio Rake Co. ("Arctic"), Dayton, O.
Reed & Rogers Mfg. Co., Vernon, Ind.
St. Charles Net & Hammock Co. (Steel), St. Charles, Ill.
Sechler D. M. Implement & Carriage Co., Moline, Ill.
Smith Fence & Iron Co. (Steel), Waynesboro, Pa.
Southern Chair Co., High Point, N. Car.
Southern Plow Co. ("Perfection Hercules"), Columbus, Ga.
Specialty Mfg. Co. ("Columbia"), Titusville, Pa.
Superior Hay Stacker Mfg. Co. (Superior Horizontal), Linneus, Mo.
Superior Ladder Co., Goshen, Ind.
Thornburgh Mfg. Co. ("Ideal" Folding), Bowling Green, O.
Western Wheelbarrow Mfg. Co. ("Monarch"), So. Fort Smith, Ark.
Weston Paper & Mfg. Co. ("Premier" Swing & Hammock Combined), Dayton, O.
Williams Mfg. Co. ("So-Ezy"), Macon, Ga.
Young Bros. Co., Worcester, Mass.

14562— Swings (Porch)

Argus Novelty Co., La Porte, Ind.
Baker J. R. & Sons Co. (Adjustable) ("Metal"), Kendallville, Ind.
Bent Rung Ladder & Mfg. Co., Indiana, Pa.
Bowser R. M. & Son, Renfrew, Pa.
Carriage & Toy Co., 741 W Lombard, Baltimore, Md.
Challenge Co., Batavia, Ill.
Consolidated Pump Co., Toledo, O.
Fold Easy House Mfg. Co., McClure, Pa.
Gem Mfg. Co., Nth., Girard, Pa.
Goshen Churn & Ladder Co., Goshen, Ind.
Grote F. Mfg. Co., Evansville, Ind.
Household Mfg. Co. (For Children), Royersford, Pa.
Hunt Spring Bed Co., Chattanooga, Tenn.
Martin & Heagy Mfg. Co., Elizabethtown, Pa.
Modern Mfg. Co. ("Little Giant," "Novelty"), Hagerstown, Md.
MYERS F. E. & BRO. ("Myers"), 800 Orange, Ashland, O.
See adv index at end of book
St. Charles Net & Hammock Co., St. Charles, Ill.
Specialty Mfg. Co., Titusville, Pa.
Standard Novelty Works, Duncannon, Pa.
Superior Ladder Co., Goshen, Ind.
United States Wire Mat Co. ("U. S."), Decatur, Ill.
Waddell Co., Greenfield, Ohio
Webb Mfg. Co., Brookville, Pa.

14563—*Switch Bars (Hard Fibre)

DELAWARE HARD FIBRE CO., Wilmington Del. Works: Marshallton, Del. *See adv index at end of book*
Spaulding J. & Sons Co., P. O. Box 52, Tonawanda, N. Y.
See adv index at end of book
WILMINGTON FIBRE SPECIALTY CO., Wilmington, Del.
See adv index at end of book

Switch Locks (Railway)

See Locks, Car & Switch

Switch Stands

See Switches, Switch Stands & Fixtures

14564—*Switchboard Details

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.

14565— Switchboards (Light & Power)

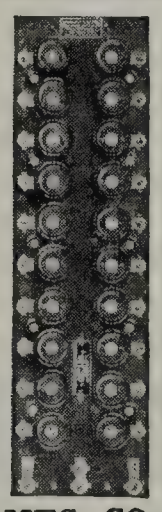
A. G. Mfg. Co. (Metering Panel), Seattle, Wash.
Adam Frank Electric Co. ("F.-A."), 904-14 Pine, St. Louis, Mo.
Adams-Bagnall Electric Co., Cleveland, O.
Advance Electric & Mfg. Co., Kansas City, Mo.
Alberene Stone Co. (Soapstone), 223 E 23rd, New York
ALLIS-CHALMERS MFG. CO., (Electric), Milwaukee, Wis.
See adv index at end of book
Anderson Albert & J. M. Mfg. Co., 289a Boston, Mass.
Andrae Julius & Sons Co., 362 B'way, Milwaukee, Wis.
Barber Elec. Mfg. Co., N. Attleboro, Mass.
Barkelew Elec. Mfg. Co., Middletown, Ohio
Benjamin Elec. Mfg. Co., 120-128 S. Sangamon, Chicago, Ill.
See adv index at end of book

BENJAMIN-STARRETT

PANEL BOARDS and CABINETS

BENJAMIN PRODUCTS

For Lighting Installations



BENJAMIN ELECTRIC MFG. CO.
Chicago
New York San Francisco

Benjamin W. A., 1157 E 20th, Los Angeles, Cal.
Betts & Betts Corp., 513 W 42d, New York
Bissell F. Co. ("Bissell"), Toledo, O.
Blake Electric Mfg. Co. ("Macfarlane"), 1 Rowes wharf, Boston, Mass.
Bousted Elec & Mfg Co., 16 E Hennepin av, Minneapolis, Minn.
Bryant Elec. Co., 1421 State, Bridgeport, Conn.
Butte Engineering & Elec. Co., 683 Howard, San Francisco, Cal.
California Elec. Supply Co., 643 Mission, San Francisco, Cal.
Chicago Switchboard Mfg. Co., 426 S Clinton, Chicago, Ill.
Clark & Flanagan, Fair Haven, Vt.
Cleveland Switchboard Co., Cleveland, O.
Commercial Switchboard Mfg. Co., Denver, Colo.
Condit Electrical Mfg. Co. ("Condit" Alternating Current & Direct Current), 1st & L, Boston, Mass.
Connecticut Elec. Mfg. Co., Conn. av, Bridgeport, Conn.
Consolidated Elec. Mfg. Co. (Panelboards), 223 N 13th Phila., Pa.
C. & P. Elec. Wks. (Metering Panels), Springfield, Mass.
Crocker-Wheeler Co., Ampere, N. J.
Crouse-Hinds Co., Syracuse, N. Y.
Cuthbert Electrical Mfg. Co., 725 Fulton, Chicago, Ill.
Cutter Geo. Co. ("McWilliams" Metering), South Bend, Ind.
Dahlstrom Metallic Door Co., 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book
Drendell Electric & Mfg. Co., 169 Erie, San Francisco, Cal.
Electric Apparatus Co., 127 S. Green, Chicago, Ill.
Electric Panelboard Co., 27 N Water, Rochester, N. Y.
Electric Products Co., 1067 E 152d, Cleveland, O.
Electric Storage Battery Co., 19th & Allegheny av, Phila., Pa.
Electrical Automatic Appliance Co., Denver, Colo.
Electrical Mfg. Co., 112 Hamilton av, Cleveland, O.
Electrical Testing Co. (Farm Ltg.), Peoria, Ill.
Engberg Electrical & Mechanical Works, St. Joseph, Mich.
Euclid Stone & Brick Co. ("Euclid" & High Resistance Oxydized Stone), Cleveland, O.
Eynons-Evans Mfg. Co. ("White"), N 15th & Clearfield, Phila., Pa.
Fisher Electrical Works, Detroit, Mich.
Flint Elec. & Mfg. Co. (Panelboards), 1402 Delgany, Denver, Colo.
Ft. Wayne Electric Works of General Electric Co., Ft. Wayne, Ind.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Haas R. Electric & Mfg. Co. ("Ideal"), Springfield, Ill.
Hart & Hegeman Mfg. Co., 342 Capitol av, Hartford, Conn.
Heinemann Geo., 500 Girard av, Phila., Pa.
Hewitt & Warden, Newburgh, N. Y.
Iron Specialty & Elec. Co. (Panelboards), 166 E 144th, New York
Keystone Elec. Mfg. Co., Cleveland, Ohio
Knoeller Electric Co., De Pere, Wis.
Krantz Mfg. Co. ("Jones"), 160 7th, Brooklyn, N. Y.
Kuhlman Engrg. Co., Toledo, Ohio
Kurz & Root, Appleton, Wis.
Large-Dial Mfg. Co., 606 Cherry, Phila., Pa.
Lauson-Lawton Co., De Pere, Wis.
Leonard-Bundy Elec. Co., Cleveland, O.
Lewis & Roth Co., Liberty bldg, Phila., Pa.
McCarthy Bros. & Ford, Buffalo, N. Y.
Massachusetts Elec. Co. (Panelboards), Worcester, Mass.
Mendell Mfg. Co., New Bedford, Mass.
Metropolitan Elec. Co., 524 1st, Seattle, Wash.
Metropolitan Electric Mfg. Co., 14th, Long Island City, N. Y.
Metropolitan Engrg. Co., 35 Vestry, New York
Minnesota Electric Co., 309 2d av, S, Minneapolis, Minn.
Monson Maine Slate Co. (Slate), 112 Water, Boston, Mass.
Mutual Electric & Machine Co. ("Bulldog" A. C. & D.), 232 Fort, W, Detroit, Mich.
New Haven Switch Co., North Haven, Conn.
Newgard Henry & Co., 947 Washington blvd, Chicago, Ill.
Nyelec Switchboard Co., 422 E 53d, New York
O'Day Bros. (Slate), Hydeville, Vt.
Penn. Electrical & Mfg. Co., Irwin, Pa.
Pennefather J. S. (Theatre), 500 W 144th, New York
Penrhyn Slate Co. (Slate), Hydeville, Vt.
Peterson Chas. J. & Co., 725 Fulton, Chicago, Ill.
Phila. Elec. Const. Co., Heed bl., Phila., Pa.
Pittsburgh Elec'l & Mach. Wks., Barker pl, Pittsburgh, Pa.
Portland El. Maintenance Co., Portland, Ore.
Portland-Monson Slate Co. ("Monson" Slate), Portland, Me.
See adv index at end of book
Post-Glover Electric Co., 308 W 4th, Cincinnati, O.
Pringle Elec'l Mfg. Co., 1906 N 6th, Phila., Pa.
Robb & Blackmer, 129 Pearl, Boston, Mass.
Sackett H. I. Elec. Co., 256 Pearl, Buffalo, N. Y.
Sackett Mine Supply Co., 164 N 3d, Columbus, O.
Schaefer Bros. Co., 1059 W 11th, Chicago, Ill.
Schmidt A. R. Elec. Co., 262 E Water, Milwaukee, Wis.
Service Elec. & Mfg. Co., Minneapolis, Minn.
Shull Co., Washington, D. C.
Sprague Elec. Wks. of G. E. Co. (Theatre), 527 W 34th, New York
Standard Mechanical Equipt. Co., Dallas, Texas
Stecker Elec. & Machine Co., Detroit, Mich.
Steele W. M., Worcester, Mass.
Sterling Switchboard Co., Camden, N. J.
Superior Electric Mfg. Co., 2416 University av S E, Minneapolis, Minn.
Tanner Wm. F. & Co., 329 N Calvert, Baltimore, Md.
Taunton-New Bedford Copper Co., Taunton, Mass.

SWITCHBOARDS (LIGHT & POWER)—continued

Troy Electrical Co., Troy, N. Y.
Trumbull Electric Mfg. Co. ("Trumbull"), Plainville, Conn.
Trumbull Vanderpoel Elec. Mfg. Co., Bantam, Conn.
Vermont Unfading Green Slate Co. (Slate), Fair Haven, Vt.
Walker Electric Co. (Slate & Marble), 2337 Callowhill, Phila., Pa.
Walls, Owen & Sanbach Co. (Soapstone), 11th & Hamilton, Phila., Pa.
Wesco Supply Co. ("Davis"), 7th & Clark av, St. Louis, Mo.
Western Electric Co., 463 West, New York
Western Insulation Co., 557 W Monroe, Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Worcester Electric & Mfg. Co. ("Worcester"), Worcester, Mass.
Wurdack Wm. Elec. Mfg. Co., 21 11th, St. Louis. Mo.

14566—Switchboards (Telephone)

See also Telephones & Apparatus

American Electric Co. ("America," "1900," "Express," "Burns"), 6401 State, Chicago, Ill.
Andrae Julius & Sons Co., 362 B'way, Milwaukee, Wis.
Automatic Appliance Co., 172 Columbus av, Boston, Mass.
Automatic Electric Co., 1001 W Van Buren, Chicago, Ill.
B. R. Electric Co., Kansas City, Mo.
Century Telephone Const. Co., Buffalo, N. Y.
Chicago Telephone Supply Co., Elkhart, Ind.
Clark & Flanagan, Fair Haven, Vt.
Connecticut Telephone & Electric Co. (Inc.), Meriden, Conn.
Couch S. H. Co., 170 Purchase, Boston, Mass.
Garl Electric Co., Akron, O.
Gem Stopper Co., 2120 Nicholas, Phila., Pa.
Hipwell Mfg. Co., 831 W North av, Pittsburgh, Pa.
Kellogg Switchboard & Supply Co. ("Express"), 1066 W Adams, Chicago, Ill.
Lafayette Electric & Mfg. Co., Lafayette, Ind.
Leich Electric Co., Genoa, Ill.
Loeffler Louis J., 20 Fulton, New York
Long Distance Telephone Mfg. Co., South Bend, Ind.
Menominee Elec. Mfg. Co., Menominee, Mich.
Minnesota Electric Co., 309 2d av, S, Minneapolis, Minn.
Monarch Telephone Mfg. Co., Ft. Dodge, Iowa
North Electric Co. (Automanual), Galion, O.
Portland-Monson Slate Co. ("Monson" Slate), Portland, Me.
See adv index at end of book
Russell Electric Co., Danbury, Conn.
Stanley & Patterson Inc., 23 Murray, New York
Stromberg-Carlson Telephone Mfg. Co. ("Duratex"), Rochester, N. Y.
See adv index at end of book
Utica Fire Alarm Telegraph Co., Utica, N. Y.
Western Electric Co., 463 West, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

14567—Switchboards (Theatre)

Adam Frank Electric Co. ("F. A."), 904-14 Pine, St. Louis, Mo.
Advance Electric & Mfg. Co., Kansas City, Mo.
Bissell F. Co., Toledo, O.
Clark & Flanagan, Fair Haven, Vt.
Crouse-Hinds Co., Syracuse, N. Y.
Holzmuller C. J., 1063 Mission, San Francisco, Cal.
Mutual Electric & Machine Co., 232 Fort W., Detroit, Mich.
Portland-Monson Slate Co. ("Monson" Slate), Portland, Me.
See adv index at end of book
Pringle Electrical Mfg. Co., 1906 N 6th, Phila., Pa.
Steele W. M., Worcester, Mass.
Superior Electric Mfg. Co., 2416 University av, S E, Minneapolis, Minn.
Universal Elec. Stage Lighting Co. ("Kliegl"), 240 W 50th, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Worcester Electric & Mfg. Co., Worcester, Mass.

14567a— *Switches

LAKEWOOD BUILT TO LAST
The LAKEWOOD ENGINEERING Co.
CLEVELAND. OHIO. U.S.A

14568—*Switches (Air Brake)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

14569—Switches (Automatic)

Allen-Bradley Co. ("Allen-Bradley" Electrically Operated), 495 Clinton, Milwaukee, Wis.
Automatic Switch Co. ("Whittingham" Quick Break Tank Switch, etc), 4 White, New York
Campbell Electric Co. ("Campbell"), 17 Stewart, Lynn, Mass.
Chicago Automatic Switch Co. (Bilge & Condensation Pump Float), 212 N Peoria, Chicago, Ill.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Worcester Electric & Mfg. Co. (Storage Battery), Worcester, Mass.

14570—Switches (Automatic Door)

Arrow Electric Co. ("Arrow E."), Hartford, Conn.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Cutter Electrical & Mfg. Co., 1th & Hamilton, Phila., Pa.
Edwards & Co. ("Lungen," "Eco."), Exterior av, & 140th, New York
HART MFG. CO. ("Diamond H."), 230 Hamilton, Hartford, Conn.
See adv index at end of book
Hart & Hegeman Mfg. Co. ("H. & H."), Hartford, Conn.
MORSE FRANK W. ("Morse"), 289 Congress, Boston, Mass.
See adv index at end of book
Perkins Electric Switch Mfg. Co., Bridgeport, Conn.
Sechrist A. Mfg. Co., Denver, Colo.

14571—Switches (Automatic Rail-Road)

Bethlehem Steel Co., So. Bethlehem, Pa.
Gold Car Heating & Lighting Co., 17 Battery pl, New York
N. Y. Switch & Crossing Co., Hoboken, N. J.
Ramapo Iron Works, Hilburn. N. Y.
United States Electric Signal Co. ("American" Automatic Electric Track), West Newton, Mass.
Wharton Wm. Jr. & Co. Inc., Easton, Pa.

14572—Switches (Automatic & Remote Control)

Anderson Albert & J. M. Mfg. Co., 289A, Boston, Mass.
Roller-Smith Co. ("Roller-Smith"), 233 B'way, New York
Twinvolute Pump & Mfg. Co., 55 William, New York

14573—Switches (Automobile)

American Coil Co. (Electric), Foxboro, Mass.
Chicago Electric Mfg. Co. ("Handy"), 2817 S Halsted, Chicago, Ill.
Clum Mfg. Co., 23 Erie, Milwaukee, Wis.
Connecticut Telephone & Electric Co. (Inc.) (Electric), Meriden, Conn.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Dayton Electrical Mfg. Co., Dayton, O.
Edwards & Co. (Electric), Exterior & 140th, New York
Eldredge Electric Mfg. Co. (Electric), Springfield, Mass.
HART MFG. CO. ("Diamond H." Lighting & Starting), 230 Hamilton, Hartford, Conn. *See adv index at end of book*
Hart & Hegeman Mfg. Co ("H & H." Electric), Hartford, Conn.
Hartman Electrical Mfg. Co., Mansfield, O.
Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.
Leece-Neville Co., 5363 Hamilton av, Cleveland, O.

"DIAMOND H" SWITCHES

SEND FOR CATALOGUE

TRADE MARK H

MANUFACTURED BY

HART MANUFACTURING CO., Hartford, Conn.

McKibben G. N. (Electric), South Norwalk, Conn.
MORSE FRANK W., 289 Congress, Boston, Mass.
See adv index at end of book
Mutual Electric & Machine Co. (Self Starting), 232 Fort W., Detroit, Mich.
North East Electric Co., Rochester, N. Y.
O'Brien Jos. F. Mfg. Co., 391 B'way, New York
Perfection Supply Co. (Electric), 98 Park pl, New York
Perkins Electric Switch Mfg. Co., Bridgeport, Conn.
Pittsfield Spark Coil Co. (Electric & Lock), Pittsfield, Mass.
Seidler-Miner Co. (Electric), Detroit, Mich.
Trumbull Electric Mfg. Co. (Electric), Plainville, Conn.
Utility Co. (Electric), 636 W 44th, New York
Weeber C. F. Mfg. Works (Electric), Albany, N. Y.

14574—Switches (Automobile Lighting)

Ashcroft-Wilkinson Co., Atlanta, Ga.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Industrial Controller Co., 890 Greenbush, Milwaukee. Wis.
MORSE FRANK W. ("Morse"), 289 Congress, Boston, Mass.
See adv index at end of book

14575— Switches (Battery)

Benjamin Elec. Mfg. Co., 120-128 S Sangamon, Chicago, Ill.
See adv index at end of book
Chicago El. Mfg. Co., 630 S Wabash, Chicago, Ill.
Clum Mfg. Co., Montgomery bldg, Milwaukee, Wis.
Connecticut Electric Mfg. Co., Bridgeport, Conn.
Couch S. H. Co., Norfolk Downs, Mass.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Dow Mfg. Co., Braintree, Mass.
Edwards & Co., 140th & Exterior, New York
Fahnestock Elec. Co., Meadow, Long Island City, N. Y.
Hart & Hedgeman Mfg. Co., 342 Capitol av, Hartford, Conn.
Jefferson Electric Mfg. Co., 847 W Harrison, Chicago, Ill.
Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.
Keil Francis & Son, 401 E 163rd, New York
Knoblock-Heideman Mfg. Co., South Bend, Ind.
Kurz & Root, Appleton, Wis.
MORSE FRANK W. ("Morse"), 289 Congress, Boston, Mass.
See adv index at end of book
Oettinger F. W. Corp., 52 Vanderbilt av, New York
Ostrander W. R. & Co., 371 B'way, New York
Patrick & Wilkins Co., 51 N 7th, Phila., Pa.
Quick Action Ignition Co., South Bend, Ind.
Reliable Electric Co. ("Acme"), 411 S Sangamon, Chicago, Ill.
Samson Elec. Co., 146 Summer, Canton, Mass.
Trumbull Electric Mfg. Co., Plainville, Conn.
Voltamp Elec. Mfg. Co., 407 N Paca, Baltimore, Md.
Wood C. D. Elect. Co., 441 B'way, New York

14576— Switches (Canopy)

Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

14577— Switches (Ceiling)

Bryant Electric Co., Bridgeport, Conn.
Krantz Mfg. Co., 160 7th, Brooklyn, N. Y.
Leveridge Chas. W. ("L. & L."), 133 Liberty, New York
Perkins Electric Switch Mfg. Co., Bridgeport, Conn.
Sorensen P., 18 Dunham pl, Brooklyn, N. Y.
Waldman Jno. J., 136 Liberty, New York

14578— Switches (Coil)

American Coil Co. ("American" for Dash Coils & Marine Works), Foxboro, Mass.
Connecticut Telephone & Electric Co., Meriden, Conn.
Pittsfield Spark Coil Co., Pittsfield, Mass.

14579— Switches (Combination & Cut-out)

Barkelew Electric Mfg. Co., Middletown, Ohio
Bryant Electric Co., Bridgeport, Conn.
Chicago Fuse Mfg. Co., 1014 W Congress, Chicago, Ill.
Connecticut Electric Mfg. Co., Bridgeport, Conn.
Detroit Fuse & Mfg. Co., 1400 Rivard, Detroit, Mich.
D. & W. Fuse Co., Hathaway, Providence, R. I.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Heinemann Geo., 500 W Girard av, Phila., Pa.
Matthews W. N. & Bro. (Fused), 3722 Forest Park blvd, St. Louis, Mo.
Mutual Electric & Machine Co. (Cut Out), 232 Fort W., Detroit, Mich.
Paiste H. T., 3201 Arch., Phila., Pa.
Perkins Electric Switch Mfg. Co., Bridgeport, Conn.
Trumbull Elec. Mfg. Co., Plainville, Conn.
Worcester Electric & Mfg. Co., Worcester, Mass.

14579a— Switches (Control)

Condit Electrical Mfg. Co. ("Condit"), 1st & L, Boston, Mass.
South Bend Current Control Co. ("R. C. O. C." Oil Circuit), South Bend, Ind.

Switches (Derailing)

See Derailers

14580—Switches (Disconnecting)

ALLIS-CHALMERS MFG. CO., Milwaukee. Wis. *See adv index at end of book*
Anderson Albert & J. M. Mfg. Co., 289A, Boston. Mass.
Bowie Switch Co., Nevada Bank bldg, San Francisco, Cal.
Condit Electrical Mfg. Co. ("Condit"), 1st & L., Boston, Mass.
Cuthbert Electrical Mfg. Co., 725 Fulton, Chicago, Ill.
Delta-Star Electric Co., 2437 Fulton, Chicago, Ill.
Detroit Fuse & Mfg. Co. (Fuse Switch Boxes), 1400 Rivard, Detroit, Mich.
D. & W. Fuse Co., Hathaway, Providence, R. I.
Elec. Engrs. Equipt. Co., 711 Meridian, Chicago, Ill.
Elec. Service Supplies Co., 17th & Cambria, Phila., Pa.
Fisher Chase Mfg. Co., 118 Parsons av, Columbus, O.
General Devices & Fittings Co., 817 Washington Blvd, Chicago, Ill.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
G. & W. Electric Specialty Co., 7440 S Chicago av, Chicago, Ill.
Johns H. W.-Manville Co., Madison av & 41st. New York
K-P-F Elec. Co., San Francisco, Cal.
Kelman Electric & Mfg. Co., Los Angeles, Cal.
Lewis & Roth Co., 1012 Liberty, Phila., Pa.
Lord Mfg. Co. ("Leco"), 105 W 40th, New York
Matthews W. N. & Bro. (Fused), 3722 Forest Park blvd, St. Louis, Mo.
Pacific Electric Mfg. Co., 827 Folsom, San Francisco. Cal.
Phila. Elec. Co., Phila., Pa.
Pringle Elec. Mfg. Co., 1906 N 6th, Phila. Pa.
Railway & Industrial Engng. Co., Peoples Bank bldg, Pittsburgh, Pa.
Royal Elec. Mfg. Co., 55 E 40th, Chicago, Ill.
Schweitzer & Conrad Inc., 4431 Ravenswood av, Chicago, Ill.
Trumbull Elec. Mfg. Co., Plainville, Conn.
Worcester Electric & Mfg. Co., Worcester, Mass.

14581—*Switches (Electric Disconnecting)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
See adv index at end of book

14582—*Switches (Electric Oil)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
See adv index at end of book

14583— *Switches (Fixture)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book

14584—*Switches (Float, Electric)

Chicago Automatic Switch Co., 212 N Peoria, Chicago, Ill.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
ELECTRIC CONTROLLER & MFG. CO., Cleveland. O. *See adv index at end of book*
GENERAL ELECTRIC CO. (Industrial Control), Schenectady, N. Y.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

14585—Switches (Flush, Push Button)

Arrow Electric Co. ("Arrow"), Hartford, Conn.
Chelton Electric Co. ("Chelton," Shallow Push), Armat & Heiskel, Gtn, Phila., Pa.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Cutter Electrical & Mfg. Co. ("I. S. F."), 501 N 19th, Phila., Pa.
GENERAL ELECTRIC CO. ("Geco" Rosettes & Switches), Schenectady, N. Y.
See adv index at end of book
Hart & Hegeman Mfg. Co. ("H. & H.," "Nutmeg"), Hartford, Conn.
Metropolitan Electric Mfg. Co. ("Metropolitan" Detachable Flush), 14th Long Island City. N. Y.
MORSE FRANK W. (Morse"), 289 Congress, Boston, Mass.
See adv index at end of book

14586—Switches (Fused Service)

Detroit Fuse & Mfg. Co. ("Detroit." Iron Clad), 1400 Rivard, Detroit, Mich.
Eynons-Evans Mfg. Co., N 15th & Clearfield. Phila., Pa.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

14587—Switches (High Voltage)

Clark Elec. & Mfg. Co., 149 B'way, New York
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Eureka Co., North East Pa.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Schweitzer & Conrad Inc., 44313 Ravenswood av, Chicago, Ill.
Walker Electric Co, 2337 Callowhill Phila., Pa.
WESTINGHOUSE ELECTRIC & MFG CO., East Pittsburgh, Pa.
See adv index at end of book

14588— Switches (Horn)

MORSE FRANK W. ("Jost-Horn"), 289 Congress, Boston, Mass.
See adv index at end of book

Switches (Industrial Railway)

See Railways, Industrical & Portable

14588a—*Switches (Industrial Track)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

14589—Switches (Interlocking)

American Valve & Meter Co., Cincinnati, O.
Cleveland Frog & Crossing Co., Cleveland, Ohio
UNION SWITCH & SIGNAL CO., THE, Swissvale, Pa.
Wharton Wm. Jr. & Co. Inc., Easton, Pa.

14590— Switches (Knife)

Adam Frank Electric Co. (Type A. B. F.), 904-14 Pine, St. Louis, Mo.
A. G. Mfg. Co. (Remote Control), Seattle, Wash.
Allen-Bradley Co. (Non-Resistance-Motor Starting), 495 Clinton, Milwaukee, Wis.
Anderson Albert & J. Mfg. Co., 289 A, Boston, Mass.
Automatic Switch Co. (Pressure Regulating, Remote Control), 4 White, New York
Banner Electric Wks. of G. E. Co., Youngstown, O.
Barkelew Elec. Mfg. Co. ("Barkelew" 30 to 2,00 Amperes, "Star," 3 to 600 Amperes), Middletown, O.
Bissell F. Co., Toledo, O.
Blake Electric Mfg. Co. ("Macfarlane"), 1 Rowes Wharf, Boston, Mass.
Brady Electric Mfg. Co., New Britain, Conn.
Bryant Electric Co., Bridgeport, Conn.
Carman & Tryer, Indianapolis, Ind.
Cleveland Switchboard Co., Cleveland, O.
Columbia Metal Box Co., 226 E 144th, New York
Condit Elec'l Mfg. Co. (Non-Resistance Motor Starters, Remote Control, Oil Break), 1st & L, Boston, Mass.
Connecticut Electric Mfg. Co., Bridgeport, Conn.
Consolidated Car Heating Co. (For Car Heat, Light "Quick Brake"), Albany, N. Y.
Crescent Electric & Mfg. Co., 3515 Penn av, Pittsburgh, Pa.
Crocker-Wheeler Co. ("Remek"), Ampere, N. J.
Crouse-Hinds Co. (Alsa Radial), Syracuse, N. Y.
Cuthbert Electrical Mfg. Co., 725 Fulton, Chicago, Ill.
Cutler-Hammer Mfg. Co. (Non-Resistance Motor Starting-Pressure, Regulating-Remote Control), 12th & St. Paul av, Wilwaukee, Wis.
See adv index at end of book
Cutter Geo. Co. ("Paragon," "F. F.," "Universal"), South Bend, Ind.
Delta Star Elc. Co., 2437 Fulton, Chicago, Ill.
Drendell Electrical & Mfg. Co., 169 Erie, San Francisco, Cal.
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*
Elec. Mfg. Co., 112 Hamilton av, Cleveland, O.
Erner Electric Co., St. Clair av & E 2nd, Cleveland, O.
Eynons-Evans Mfg. Co. ("White"), N 15th & Clearfield, Phila., Pa.
GENERAL ELECTRIC CO., Schenectady N. Y. *See adv index at end of book*
Gold Car Heating & Lighting Co. (For Electric Heaters), 17 Battery pl, New York
Hart Mfg. Co. (Remote Control), 230 Hamilton, Hartford, Conn.
See adv index at end of book
Heinemann Geo., 500 W Girard av, Phila., Pa.
High Tension Elec. Specialty Co. (Oil Break), Newton, Mass.
Industrial Controller Co. (Pressed Regulating-Reverse), 890 Greenbush, Milwaukee, Wis.
Krantz Mfg. Co., 160 7th, Brooklyn, N. Y.
Leader Iron Wks. (Pressed Regulating), Decatur, Ill.
Lemke Electric Co., 509 Cedar, Milwaukee, Wis.
Leonard-Bundy Electric Co., Cleveland, O.
Lundin Electric & Machine Co., 10 Thatcher, Boston, Mass.
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
Marron Mfg. Co., Rock Island, Ill.
Martin & Anson Co. (Pressed Regulatings), 2226 Indiana av, Chicago, Ill.
Menominee Electric Mfg. Co. ("Davis"), Menominee, Mich.
Metropolitan Electric Mfg. Co. ("Metropolitan"), 14th, Long Island City, N. Y.
Milwaukee Vault & Electric Cabinet Box Co., 521 Market, Milwaukee, Wis.
Motor Pratictor Mfg. Co. (Remote Control), San Francisco, Cal.
Mutual Electric & Machine Co. ("Bulldog" All Copper), 232 Fort, W. Detroit, Mich.
New Haven Electric Mfg. Co., New Haven, Conn.
New Haven Switch Co., North Haven, Conn.
Novelty Electric Co., 50 N 4th, Phila., Pa.
Pacific El. & Mfg. Co. (Oil Break), 827 Folsom, San Francisco, Cal.
Paiste H. T. Co., 3201 Arch, Phila., Pa.
Palmer Elec. & Mfg. Co. (Controller Remote Control), 60 K, Boston, Mass.
Parke Jno. Y. & Co., 29 N 7th, Phila., Pa.
Penn Electrical & Mfg. Co., Irwin, Pa.
Perkins Electric Switch Mfg. Co., Bridgeport, Conn.
Peru Electric Co., Peru, Ind.
Pittsburgh Electrical & Machine Works, Barker pl, Pittsburgh, Pa.
Post-Glover Electric Co., 308 W 4th, Cincinnati, O.
Pringle Electrical Mfg. Co., 1906 N 6th, Phila., Pa.
P. R. Mfg. Co., Detroit, Mich.
Reliable Electric Co., 411 S Sangamon, Chicago, Ill.
Rohn Geo. F., 246 E Water, Milwaukee, Wis.
Rowan Controller Co. (Remote Control), Baltimore, Md.
South Bend Current Control Co. (Remote Control), South Bend, Ind.
Springfield Electric Co., Springfield, Mass.
Square D. Co. (Non-Resistance Motor Starting), 1411 Rivard, Detroit, Mich.
Steele W. M., Worcester, Mass.
Sundh El. Co. (Remote Control), 548 W 23rd, New York
Tanner Wm. F. & Co., 329 N Calvert, Baltimore, Md.
Taunton-New Bedford Copper Co., Taunton, Mass.
Trio Mfg. Co., Rock Island, Ill.
Troy Electrical Co., Troy, N. Y.
Trumbull Electric Mfg. Co. ("Trumbull," Also Baby Knife), Plainville, Conn.
V. V. Fittings Co., 1906 N 6th, Phila., Pa.
Walker Electric Co., 2337 Callowhill, Phila., Pa.
Wesco Supply Co. ("Davis"), 7th & Clark av, St. Louis, Mo.
Western Electric Co., 463 West, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Worcester Electric & Mfg. Co. ("Worcester"), Worcester, Mass.
Wurdack Wm. Electric Mfg. Co., 21 11th, St. Louis, Mo.

14591— *Switches (Lever)

GENERAL ELECTRIC CO., Schenectady N. Y. *See adv index at end of book*
MORSE FRANK W. ("Keystone," "Harwood," "Handy"), 289 Congress, Boston, Mass. *See adv index at end of book*

14592— *Switches (Limit)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

14593— Switches (Magnetic)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*
HART MFG. CO. ("Diamond H," Remote Control), 230 Hamilton, Hartford, Conn. *See adv index at end of book*
Palmer Electric & Mfg. Co., 60 K, Boston, Mass.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

14594— *Switches (Master)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book

14595—*Switches (Motor Starting)

Crouse-Hinds Co., Syracuse, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

14595a—*Switches (Narrow Gauge Track)

Lakewood Engineering Co.
See adv index at end of book

LAKEWOOD BUILT TO LAST The LAKEWOOD ENGINEERING Co. CLEVELAND, OHIO. U.S.A

14596—Switches (Oil Break)

Alberene Stone Co. (Soapstone, Bases & Tops), 223 E 23rd, New York
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Anderson Albert & J. M. Mfg. Co. (Time), 289 A, Boston, Mass.
Campbell Electric Co. (Automatic), 17 Stewart, Lynn, Mass.
Condit Electrical Mfg. Co. ("Condit"), 1st & L, Boston, Mass.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Kelman Electric & Mfg. Co., Los Angeles, Cal.
Mutual Electric & Machine Co. ("Bulldog"), 232 Fort, W. Detroit, Mich.
Pacific Electric Mfg. Co., 827 Folsom, San Francisco, Cal.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Worcester Electric & Mfg. Co., Worcester, Mass.

14597—*Switches (Overhead)

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

14598— Switches (Pendant)

Arrow Electric Co. ("Arrow"), Hartford, Conn.
Benjamin Electric Mfg. Co., 188 S Sangamon, Chicago, Ill.
See adv index at end of book
Bryant Electric Co. ("Bryant"), Bridgeport, Conn.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
G. & W. Specialty Co., 7440 S Chicago, Chicago, Ill.
Gleason James E. Co. (Gem Pendant & Flush), 560 W Monroe, Chicago, Ill.
Hart Mfg. Co., 230 Hamilton, Hartford, Conn. *See adv index at end of book*
Hart & Hegeman Mfg. Co. ("H. & H."), Hartford, Conn.
Hubbell Harvey (Chain Pull), Bridgeport, Conn.
Pass & Seymour ("P. & S."), Solvay, N. Y.
Perkins Electric Switch Mfg. Co., Bridgeport, Conn.
Union Electric Co. (Push Button Pendant), Trenton, N. J.
Weber Electric Co. (Pull Pendant), 80 Boylston, Boston, Mass.

14599— Switches (Plug)

MORSE FRANK W. ("Morse"), 289 Congress, Boston, Mass.
See adv index at end of book
Motsinger Device Mfg. Co. ("Motsinger Faultless"), Lafayette, Ind.

14600— Switches (Poletop)

Delta-Star Electric Co., 2437 Fulton, Chicago, Ill.
Pacific Electric Mfg. Co., 827 Folsom, San Francisco, Cal.

14600a—*Swithces (Portable Track)

Lakewood Engineering Co., Cleveland, Ohio *See adv index at end of book*

Switches (Push Button)

See Switches, Snap & Push

14601—Switches (Reversing Motor)

Automatic Switch Co. ("Whittingham," for Elevators, etc), 4 White, New York
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
HART MFG. CO. ("Diamond H."), 230 Hamilton, Hartford, Conn.
See adv index at end of book
Industrial Controller Co. 890 Greenbush, Milwaukee, Wis.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

14602—*Switches (Rotary Flush & Push Button)

GENERAL ELECTRIC CO,, Schenectady, N. Y. *See adv index at end of book*
HART MFG. CO. ("Diamond H."), 230 Hamilton, Hartford, Conn.
See adv index at end of book

14603—Switches (Signal or Target)

Columbia Machine Works & Malleable Iron Co. ("Columbia" for Electric Ry. Service), Atlantic av & Chestnut, B'klyn, N. Y.

14604—Switches (Snap, Ordinary)

Arrow Electric Co. ("Arrow"), Hartford, Conn.
Briggs & Stratton Co., 258 Milwaukee, Milwaukee, Wis.
Bryant Electric Co., Bridgeport, Conn.
Connecticut Tele. & Elec. Co., 70 Britnia, Meriden, Conn.
Edwards & Co., 140th & Exterior, New York
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
HART MFG. CO. ("Diamond H."), 230 Hamilton, Hartford, Conn.
See adv index at end of book
Hart & Hegeman Mfg. Co. ("H. & H.," "Hart"), Hartford, Conn
H. P. B. Elect. Co., 30 E 42d, New York
Paulding John I., New Bedford, Mass.
Perkins Electric Switch Mfg. Co., Bridgeport, Conn.
Standard Elec. Mfg. Co., 216 N Clinton, Chicago, Ill.
Western Elect. Co. (Toggle), 463 West, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

14605—Switches (Snap & Push)

Arrow Electric Co. ("Arrow E," Push), Hartford, Conn.
Austin M. B. & Co. (Push), 706 W. Jackson blvd, Chicago, Ill.
Bryant Electric Co. ("Bryant," Snap & Push), Bridgeport, Conn.
Chelten Electric Co. (Push Button), Heiskel Armat, Phila., Pa.
Connecticut Elec. Mfg. Co. (Push Button), Conn. av, Bridgeport, Conn.
Cowles C. & Co. (Push Button), New Haven. Conn.
CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Cutter Electrical & Mfg. Co., 501 N 19th, Phila., Pa.
Flint Electric & Mfg. Co. (Snap & Push), Denver, Colo.
Fowler Lamp & Mfg. Co. ("Fowler" Push for Motor Cars & Boats), 59 E 24th, Chicago, Ill.
GENERAL ELECTRIC CO. (Flush Type Push, also Locking Type; Flush & Surface Type, 3 Circuit Snap), Schenectady, N. Y. *See adv index at end of book*
HART MFG. CO. ("Diamond H," Push Button), 230 Hamilton, Hartford, Conn. *See adv index at end of book*
Hart & Hegeman Mfg. Co. ("H. & H.," "Nutmeg"), Hartford, Conn.
Keil Francis Son (Push Button), 401 E 163rd, New York
Metropolitan Electric Mfg. Co., 14th, Long Island City, N. Y.
MANHATTAN ELECTRICAL SUPPLY CO. (Mesco Push Button Rotary), 17 Park pl, New York
See adv index at end of book
MORSE FRANK W. ("Morse"), 289 Congress, Boston, Mass.
See adv index at end of book
Perkins Electric Switch Mfg. Co. (Snap & Push Button), Bridgeport, Conn.
Sundh Electric Co. (Remote Contact), Av C & Parkhurst, Newark, N. J.
Trumbull Electric Mfg. Co. ("T," Rotary Snap), Plainville, Conn.
Union Elect. Co. (Push Button Pendant), Trenton, N. J.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

14606— Switches (Solenoid)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book
Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.

14607—*Switches (Solenoid Operated)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Gold Car Heating & Lighting Co., 17 Battery pl, New York

14608-9— Switches (Split)

Ajax Forge Co., 2499 Blue Island av, Chicago, Ill.
Buda Co., Railway Exch. bldg, Chicago, Ill.

THE CINCINNATI FROG & SWITCH CO.
Cincinnati, Ohio

Cleveland Frog & Crosssing Co. ("The Lucas"), Cleveland, O.
Easton Car & Construction Co., 15 Center Square, Easton, Pa.
See adv index at end of book
Elliott Frog & Switch Co., 301 S Main, East St. Louis, Ill.
Morden Frog & Crossing Works, 208 S La Salle, Chicago, Ill.
Pettibone, Mulliken & Co. ("Transit" "Gauge" & "Channel"), 140 S Dearborn, Chicago, Ill.
Ramapo Iron Works, Hillburn, N. Y.
WHARTON WM. JR. & CO. INC. (Plain & "Tisco" Manganese Steel Tipped), Easton, Pa.

14610—Switches, Switch Stands & Fixtures

See also Frogs, Switches & Crossings; also Crossings; also Signals

Ajax Forge Co., 2499 Blue Island av, Chicago, Ill.
American Frog & Switch Co., Hamilton, O.
American Valve & Meter Co. ("Anderson" Interlocking Switch Stands, & "Economy," "Anderson" Quick Repair, "Anderson" Safety Switch Lock Switch Stands), Cincinnati, O.
Atlas Railway Supply Co. ("Atlas"), 431 S Dearborn, Chicago, Ill.
Bethlehem Steel Co., So. Bethlehem, Pa.
Buda Co., Railway Exchange bldg, Chicago. Ill.
Central Frog & Switch Co., Cincinnati, O.
Chattanooga Car & Foundry Co., Chattanooga, Tenn.

THE CINCINNATI FROG & SWITCH CO.
(For Standard & Narrow Gauge Tracks), Cincinnati, O.

Cleveland Frog & Crosssing Co. ("The Lucas"), Cleveland, O.
Cleveland Railway Supply Co. ("Odenkirk," "Miller" Switchstands), Cleveland, Ohio
Conley Frog & Switch Co., Memphis, Tenn.

MESCO PRODUCTS A Few of the 1000 Items We Make
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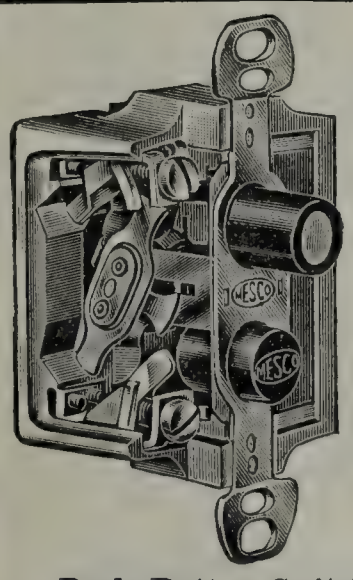
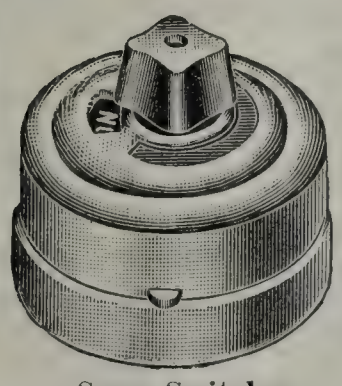

Push Button Switch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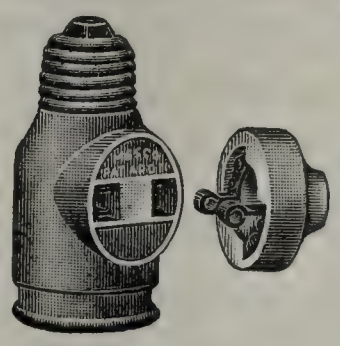
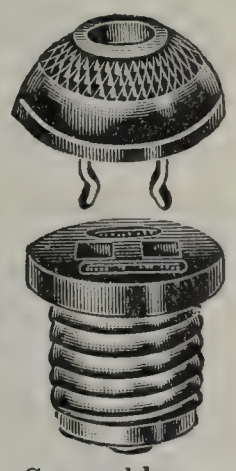
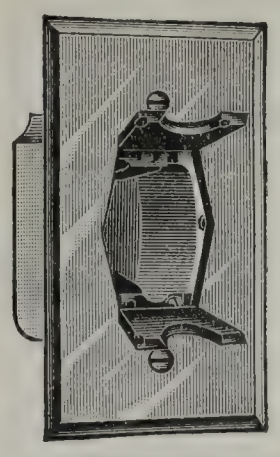

Current Tap


Separable Connector


Flush Plug Receptacles

MANHATTAN ELECTRICAL SUPPLY CO., INC.
NEW YORK, 17 Park Place
CHICAGO, 114 So. Wells Street
ST. LOUIS 1106 Pine Street
SAN FRANCISCO, 604 Mission Street

SWITCHES, SWITCH STANDS & FIXTURES—continued

Easton Car & Construction Co., 15 Center sq, Easton, Pa.
See adv index at end of book
Elliott Frog & Switch Co., 301 S Main, East St. Louis, Ill.
Federal Signal Co., Albany, N. Y.
Frog, Switch & Mfg. Co., Carlisle, Pa.
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
Indianapolis Switch & Frog Co., Springfield, O.
Kilby Frog & Switch Co., Birmingham, Ala.
Lewis Henry & Co., Commercial Trust bld, Philadelphia, Pa.
Light Railway Equipment Co., 526 Commercial Trust bldg, Phila., Pa.
Lorain Steel Co., Johnstown, Pa.
McMyer-Interstate Co. (Switch Stands & Fixtures Only), Bedford, O.
Morden Frog & Crossing Works, ("Union") 208 S La Salle, Chicago, Ill.
New York Switch & Crossing Co., Hoboken, N. J.
Pettibone, Mulliken & Co. ("Banner," "Globe," "Crown," "Axel," "Hub" & "Box" Switch Stands), 140 S Dearborn, Chicago, Ill.
Railway & Industrial Engineering Co., People Bank bldg, Pittsburgh, Pa.
Ramapo Iron Works ("Ramapo"), Hillburn, N. Y.
St. Louis Frog & Switch Co., Chemical bldg, St. Louis, Mo.
Signal Accessories Co., Utica, N. Y.
TURL IRON & CAR CO. (INC.) THE, 50 Broad, New York. Works: Newburgh, N. Y.
Weir Frog Co., Cincinnati, O.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
WHARTON WM. JR. & CO. INC. ("W-J" & Others), Easton, Pa.

14610a—Switches (Synchronizing)

Condit Electrical Mfg. Co. ("Condit"), 1st & L, Boston, Mass.

14611— Switches (Tank)

Automatic Switch Co., 4 White, New York
Chicago Pump Co., 908 W Lake, Chicago, Ill. *See adv index at end of book*
CUTLER-HAMMER MFG. CO. (automatic), 12th & St. Paul, Milwaukee, Wis.
See adv index at end of book
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*
Electrical Repair Co., 548 W 25th, New York
Irish W. F. Electric Supplies ("Shamrock"), 130 W 132d, New York
Jarvis Engine & Machine Works, Lansing, Mich.
Kewanee Private Utilities Co., West Side, Kewanee, Ill.
Leahy John J., 48 Dey, New York
Monitor Controller Co., 514 E Lombard, Baltimore, Md.
Partrick & Wilkins Co., 51 N 7th, Philadelphia, Pa.
Pringle Electrical Co., 1906 N 6th, Philadelphia, Pa.
Sundh Electric Co., Av C & Parkhurst, Newark, N. J.
Twinvolute Pump & Mfg. Co., 55 William, New York
Waldman Jno. J., 136 Liberty, New York
Weir Frog Co., Cincinnati, O.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

14612— Switches (Theatre)

Adam Frank Electric Co., 904-14 Pine, St. Louis, Mo.
Crouse-Hinds Co., Syracuse, N. Y.
Palmer Electric & Mfg. Co., 60 K, Boston, Mass.
Trumbull Electric Mfg. Co., Plainville, Conn.

14613—Switches (Time, Automatic)

Anderson Albert & J. M. Mfg. Co. ("Anderson"), 289 A, Boston, Mass.
A. & W. Electric Sign Co., Cleveland, O.
Ballou Hutchins Electric Co., Providence, R. I.
Berry McKnight Clock Co., Marine City, Mich.
Bissell F. & Co. ("Security"), Toledo, O.
Campbell Electric Co. ("Campbell"), 17 Stewart, Lynn, Mass.
Central Burglar Alarm Co., 501 Rush, Chicago, Ill.
Cleveland Dental Supply Co. ("Chappel"), Rose bldg., Cleveland, O.
Electric Flasher Co., 80 5th av, New York
Esler Samuel M., 59 E Adams, Chicago, Ill.
Fenning L. T., Jackson, O.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hansen Mfg. Co., Princeton, Ind.
Hartford Time Switch Co. ("Hartford"), 71 Murray, New York
Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.
Jarvis Engine & Mach. Works, Lansing, Mich.
Kennedy-Webster Co. ("Commonsense"), 536 S Clark, Chicago, Ill.
McClintock O. B. Co., Minneapolis, Minn.
McGill Mfg. Co. ("Crescent"), 77 Oak, Valparaiso, Ind.
See adv index at end of book
Macalaster-Wiggin Co., 66 Broadway, Boston, Mass.
Manhattan Electrical Supply Co. ("Mesco"), 17 Park pl, New York
See adv index at end of book
Mathews W M & Bros., Inc., 3722 Forest Park blvd., St. Louis, Mo.
Minerallic Electric Co. (Motor Ground), 1045 Washington blvd, Chicago, Ill.
National Time Switch Co., South Bend, Ind.
Paragon Electric Co., 9 S Clinton, Chicago, Ill.
Reliance Automatic Ltg. Co., Racine, Wis.
Sorensen P., 18 Dunham pl, B'klyn, N. Y.
U. S. Air Compressor Co., Carnegie av, Cleveland, O.
Waldman John J., 136 Liberty, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

14614—Switches (Track, Street Railway)

Cincinnati Frog & Switch Co., Cincinnati, O. *See adv index at end of book*
Squires C. W. Mfg. Co. (Electric), Beverly, Mass.
Williams J. H. & Co. ("Vulcan" Drop Forged Weldless), 31 Richards, Brooklyn, N. Y.
See adv index at end of book
WHARTON WM. JR. & CO. INC. (Solid "Tisco" & "Tisco" Manganese Steel Centre Tongue Switches of "H. C. B." & "H. T." Designs), Easton, Pa.

14615— Switches (Trolley)

Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
GENERAL ELECTRIC CO., Schenectady, N. Y.
See adv index at end of book
Railway Materials Co. ("Ryhmco"), Railway Exch. bldg, Chicago, Ill.
Sackett Mine Supply Co., 164 N 3d, Columbus, O.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

14616— *Switches (Tumbler)

GENERAL ELECTRIC CO. (Flush & Surface Types), Schenectady, N. Y.
See adv index at end of book

Switches & Turn Tables (Mine)

See Railways, Industrial & Portable

14617—Switches & Frogs (Safety)

Ramapo Iron Works ("Mac Pherson"), Hillburn, N. Y.

14618— Swivels

Bethlehem Steel Co., So. Bethlehem, Pa.
Bridgeport Chain Co., Bridgeport, Conn.
Brooks M. S. & Sons (Solid Flat, Nickle or Brass or Steel, etc), Chester, Conn.
Dent Hardware Co., Fullerton, Pa.
Dobbie Foundry & Machine Co. (Ball Bearing, etc), Niagara Falls, N. Y.
Fletcher & Crowell Co., Portland, Me.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Hoopes & Townsend Co. (Closed or Pipe, Open or Arm, etc.), Broad & Buttonwood, Phila., Pa
Keystone Drop Forge Works (Or Rope Sockets, Open Arm), Chester, Pa.
Lattimer-Stevens Co., Columbus Savings & Trust bldg, Columbus, O.
Malleable Iron Fittings Co. (Galv. Mall. Iron) ("M. I. F. Co."), Branford, Conn.
McKay Jas. Co., Pittsburgh, Pa.
Niagara Falls Metal Stamping Works ("Niagara," all Steel), Niagara Falls, N. Y.
Pratt Wm. E. Mfg. Co. (Chain, Lariat, etc), 35 W Lake, Chicago, Ill.
Stowell Co. (The), So. Milwaukee, Wis.
Wilcox, Crittenden & Co. (Wrought Brass & Malleable), Middletown, Conn.
Williams J. H. & Co. ("Vulcan" Drop Forged), 31 Richards, Brooklyn, N. Y. N. Y.
See adv index at end of book
Wire Woods Co. (Steel Wire), Worcester, Mass.

14619— Swivels (Chain)

Lederer S. & B. Co. (Small Fancy), 100 Stewart, Providence, R. I.
Ransome-Leach Co., 115 Broadway, New York
Stowell Co. (The), So. Milwaukee, Wis.
Williams J. H. & Co. (Forgings), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

14620— Swivels (Halter)

Frazer & Jones Co., Syracuse, N. Y.
North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.

14621—Swivels (Punching Bag)

Cassady Fairbank Mfg. Co., 6106 S La Salle, Chicago, Ill.
Nicol & Co., 218 N Jefferson, Chicago, Ill.

14622—Swivels (Razor Strop)

Jenkinson R. C. & Co., 293 Washington, Newark, N. J.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.

14623— Swivels (Snap)

Wire Goods Co. (Steel Wire), Worcester, Mass.

14624—Swivels (Sucker Rod Joint)

Cook August D., Lawrenceburg, Ind.

14625— Swords

Ames Sword Co., Chicopee, Mass.
Horstmann Wm. H. Co., 5th & Cherry, Phila., Pa.
Lilley M. C. & Co., 6th & Long, Columbus, O.
Schoenhut A. Co. (Toy), Adams & Sepviva, Phila., Pa.

14626— Synchroscopes

Schweitzer & Conrad, Inc. (Recording), 4431 Ravenswood av, Chicago, Ill.
Wagner Electric Mfg. Co., 6400 Plymouth av, St. Louis, Mo.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Weston Electrical Instrument Co., Waverly pk, Newark, N. J.

14626a—*Sypgronomanometer

Taylor Instrument Companies (For taking Blood Pressure), Rochester, N. Y.
See adv index at end of book

14627— Syphons (Acid)

Eynon-Evans Mfg. Co. (Lead Lined), N 15th & Clearfield, Phila., Pa.
Schutte & Koerting Co., 1251 N 12th, Phila., Pa.

14627a— Syphons (Bilge)

Braender Philip 315 4th av, New York

14628—Syphons (Flush Tank)

Archer Geo. F., 10 E 43d, New York
Stary Frank & Sons, Cedar Rapids, Ia.

14629— Syphons (Glass)

Illinois Glass Co., Alton, Ill.
Owens Bottle Machine Co., Toledo, O.

14630—Syphons (Steam Gauge)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
CRESSMAN N. C. CO., Drexel bldg, Philadelphia, Pa.
Douds Frank C. & Co., New Castle, Pa.
Kelly & Jones Co. (Common), 135 Water, Pittsburgh, Pa.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McNab & Harlin Mfg. Co. (Iron), 55 John, New York
McRae & Roberts Co., 227 Campbell av, Detroit, Mich. *See adv index at end of book*
National Gauge Co. (Pressure), 300 Pacific, Brooklyn, N. Y.
Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.
Williams D. T. Valve Co., Cincinnati, O.

14631—Syphons (Steam Jet)

Douds Frank C. & Co., New Castle, Pa.
Schutte & Koerting Co. ("Koerting" Universal Bilge), 1251 N 12th, Phila., Pa.

14632— Syringes (Glass)

Illinois Glass Co., Alton, Ill.

14633-4—Syringes (Hypodermic)

Banks F. S. & Co., 149 Church, New York
Higgins Dental Mfg. Co. (Obtaining), Bellevue, O.
Randall-Faichney Co. ("Matchless," "Safety Triumph," "Imperial" Dental, etc), Boston, Mass.
Tagliabue Chas. J. Mfg. Co., 18 33d, Brooklyn, N. Y.
Weinhagen Henry, 159 Leonard, New York

Syringes (Oil)

See Oil Guns & Syringes

14635— Syringes & Atomizers (Rubber)

Ajax Rubber Co., 1796 B'way, New York
American Hard Rubber Co., 9 Mercer, New York
Bailey C. J. & Co., 22 Boylston, Boston, Mass.
Canton Rubber Co. (Syringes only), Canton, O.
Davidson Rubber Co., Boston, Mass.
Davol Rubber Co., 69 Point, Providence, R. I.
Faultless Rubber Co., Ashland, O.
Goodrich B. F. Co., Akron, O.
Hodgman Rubber Co., 8 W 40th, New York
Holland Instrument Corp, 2314 N 11th, Frankford, Phila., Pa.
Marvel Co., 25 W 45th, New York
Miller Rubber Co., Akron, O.
Myers Mfg. Co., Fremont, O.
National India Rubber Co., Bristol, R. I.
Parker, Stearns & Co. ("Alpha," "Omega"), 286 Sheffield av, Brooklyn, N. Y.
Raley Rubber Co., New Haven, Conn.
Rubber Products Co. (Syringes Only), Barberton, O.
Seamless Rubber Co., New Haven, Conn.
Star Rubber Co., Akron, O.
Tyler Rubber Co. ("Tyrian," All Kinds for All Purposes), Andover, Mass.
Vant Woud Rubber Co., 163 39th, Brooklyn, N. Y.
Whitall Tatum Co., 410 Race, Phila., Pa.

14636— Syrup (Corn)

American Maize-Products Co., 135 William, New York
Benham & Noyes, 12 B'way (Agents & Brokers), New York
Clinton Sugar Refining Co. ("Blico"), Clinton, Iowa
Corn Products Refining Co., 17 Battery pl, New York
Hubinger J. C. Bros. Co., New Haven, Conn.
Union Starch & Refining Co., Edinburg, Ind.

14636a—*Systems (Electric Haulage)

LAKEWOOD BUILT TO LAST The LAKEWOOD ENGINEERING Co. CLEVELAND. OHIO. U.S.A

14636b—*Systems (Industrial Transportation)

LAKEWOOD BUILT TO LAST The LAKEWOOD ENGINEERING Co. CLEVELAND. OHIO. U.S.A

14637—*T. N. T. (Trinitrotoluol)

HERCULES POWDER CO., Wilmington, Del. *See adv index at end of book*

14638— Table Claw Feet

Berbecker & Rowland Mfg. Co. (Solid Brass & Brass Plated, etc), Waterville, Conn.

14639—Tables (Adjustable, Reading)

Baker J. R. & Sons Co., Kendallville, Ind.
Bernstein Mfg. Co., 3d & Westmoreland, Phila., Pa.

14640— Tables (Bed Side)

Baker J. R. & Sons Co. ("Multi-Use" Adjustable), Kendallville, Ind.
Bernstein Mfg. Co., 3d & Westmoreland, Phila., Pa.
Sidway Mercantile Co. (Metal), Elkhart, Ind.
Walker Bros. Co. ("Ideal" Adjustable), Syracuse, N. Y.

14641— Tables (Bench)

Goodell-Pratt Co. (Adjustable), Greenfield, Mass.

14642—Tables (Billiard & Pool)

Alexander Warren, 607 Main, Worcester, Mass.
American Billiard Table & Saloon Fixture Co., 924 McLean av, Cincinnati, O.
Babcock Billiard Table Mfr., 401 S. Clinton, Syracuse, N. Y.
Briggs Oliver L. & Son, 61 Essex, Boston, Mass.
Brunner F. & Son, 671 Communipaw av, Jersey City, N. J.
Brunswick-Balke-Collender Co., 29 W 32nd, New York
Burrowes E. T. Co. (Portable), Portland, Me.
Came J. E. Co., 114 Sudbury, Boston, Mass.
Canfield Alfred, 199 Market, Newark, N. J.
Castle Chas. L., Syracuse, N. Y.
Clark Herd Mfg. Co., 2419 N Front, Phila., Pa.
Cleveland Billiard & Mfg. Co., 306 Prospect av, N E, Cleveland, O.
Dean C. P. Corp., Richmond, Va.
Decker Co., 62 Cooper sq, New York.
Dorr Wallie Co., 35 Murray, New York
Fowler J. L. Co., 1812 W Lake, Chicago, Ill.
Ginzburg M., 134 Bowery, New York
Hughes & Chipman, 1405 Maine, Kansas City, Mo.
Jungblut Aug. Co., 833 Fillmore, San Francisco, Cal.
Keafer L., 329 W Girard av, Phila., Pa.
Klenk August, 483 Alfred, Detroit, Mich.
Koehler & Hinrichs, St. Paul, Minn.
Minn Billiard Co., 1520 Buffum, Milwaukee, Wis.
National Billiard Mfg. Co., 20 W Canal, Cincinnati, O.
Pick Albert & Co., 212 W Randolph, Chicago, Ill.
Schwikert Frank & Son, Rochester, N. Y.
Stillwater Mfg. Co., Stillwater, Minn.

14643— Tables (Brazing)

Improved Appliance Co., 455 Kent av, Brooklyn, N. Y.

Tables (Brick Cutting)

See Brick Cutting Machinery

14644—Tables (Brick Dump)

American Clay Machinery Co. (Revolving), S Walnut, Bucyrus, O.

14645— Tables (Canners')

Huntley Mfg. Co. ("Monitor" Peeling Tables), Silver Creek, N. Y.
Link-Belt Co. (Link-Belt Sanitary Peeling Tables), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry. Phila., Pa. *See adv index at end of book*

14646—Tables (Card & Folding)

Acme Novelty Co., Jamestown, N. Y.
Bear G. H. Furniture Co. (Folding Card), Allentown, Pa.
Brown C. G. Furniture Co., Syracuse, N. Y.
Burrowes E. T. Co. ("Royal," "Tuxedo," "Noname," "Featherweight," "Midget," "Primus," "O. K.," also 42 inch Round & Vedette Round), Portland, Me.
Hunzinger Geo. & Son, 323 W 16th, New York
Lakeside Craft Shops, Sheboygan, Wis.
Mueller H. G. Lumber Mfg. Co. (Folding Card), Sheboygan, Wis.
Ohio Spring Bed Co., Cleveland, O.
Pratt Mfg. Co. (Folding Card), Coldwater, Mich.
Puffer-Hubbard Mfg. Co, 32nd av S. & 26th, Minneapolis, Minn.
Readsboro Chair Co., Readsboro, Vt.
Sidway Mercantile Co.. Elkhart, Ind.
Steinfeld Bros., 116 W 22d, New York
Stokes Wm. A. & Co., 50 Howard, New York
Strobel Philip & Sons, 53 Elizabeth, New York
Udell Works, Indianapolis, Ind.
Wausau Novelty Co., Wausau, Wis.

14647—*Tables (Coal Picking)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

Tables (Concentrating)

See Concentrators, Ore

14647a— Tables (Conveyor)

Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry. Phila., Pa. *See adv index at end of book*
U. S. Bottlers' Machy. Co. (Revolving), 1033 W Lake, Chicago, Ill.

14648— Tables (Display)

Bryan Noveqlty Mfg. Co., Bryan, O.
Burrowes E. T. Co. (Banquet), Portland, Me.
Cox S. S. Show Case Co., North Manchester, Ind.

Tables (Draughting)

See Draughting Tables

14649—Tables (Drill, Universal)

Carlton Machine Tool Co., Cincinnati, O.

14650— Tables (Feed)

Besly Chas. H. & Co. ("Besly" Geared Lever), 120 N Clinton, Chicago, Ill.

14651— Tables (Ironing)

Domestic Laundry Equipment Corp. ("Domestic"), 1365 Lexington av, New York
Modern Mfg. Co. ("Emerson"), Hagerstown, Md.
Stokes Wm. A. & Co., 50 Howard, New York

14652— Tables (Kitchen)

Cleveland Metal Products Co., Platt av & C. & P. R. R., Cleveland, O.
Demmler & Schenck Co. (White Porcelain Enameled), 434 Penn av, Pittsburgh, Pa.
Ingram-Richardson Mfg. Co. (All Metal, Porcelain), Beaver Falls, Pa.
Steel White Co. (Steel), Jamestown, N. Y.
White Enamel Refrigerator Co. ("Sanitor"), 1340 Universal av, St. Paul, Minn.

14653— Tables (Mailing)

Dexter Metal Mfg. Co. (Steel), 93 Arch, Camden, N. J.
Shults H. H. Co., Gowanda, N. Y.

Tables (Operating)

See Furniture, Hospital; also Furniture, Surgical

14654— *Tables (Peeling)

See also Tables, Canners'

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

14655— Tables (Picking)

Fairmont Mining Machy. Co., Fairmont, W. Va.
Howe Scale Co. of Illinois, 1315 S Wabash av, Chicago, Ill.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & P. Ry., Phila., Pa.
See adv index at end of book
McLanahan-Stone Machine Co., Hollidaysburg, Pa.
Morrow Mfg. Co., Wellston, O.
Pittsburgh Conveying Machinery Co. (For Coal, etc), 4th & Duquesne wy, Pittsburgh, Pa.
Webster Mfg. Co., Tiffin, O.

14656— Tables (Plane)

Keuffel & Esser Co., Hoboken, N. J.

14657—Tables (Rolling Mill Feed)

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Macintosh, Hemphill & Co., Pittsburgh, Pa.
Morgan Construction Co., Worcester, Mass.
MORGAN ENGINEERING CO. (Electric) Alliance, O. *See adv index at end of book*
National Roll & Fdry Co., Avonmore, Pa.
Penna. Engng Works, New Castle, Pa.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
United Engng. & Fdry. Co., 307 5th av, Pittsburgh, Pa.
Wheeling Mold & Foundry Co. (Blooming Mill Tables & Manipulators, etc), Wheeling, W. Va.

14658—Tables (Saw Brazing)

Covel Mfg. Co., Benton Harbor, Mich.
Hanchett Swage Works, Big Rapids, Mich.
Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*

14659— Tables (Separating)

Sutton Steel & Steel (for separating and purifying field seeds & cereals), Dallas, Texas

14660— Tables (Sewing)

Conrey-Davis Mfg. Co., Shellbyville, Ind.
Curtiss Brothers, Richland, N. Y.
Davis-Birely Table Co., Shelbyville, Ind.

14661— Tables (Slime)

See also Mining Machinery

Deister Concentrator Co. ("Deister," Simple & Multiple Deck Automatic), Fort Wayne, Ind.
Mine & Smelter Supply Co. ("Wilfrey"), 42 B'way, New York

14662—Tables (Soap Cutting)

See also Soap Makers' Machinery

Houchin Aiken Co., 37 53d, Brooklyn, N. Y.

14663—Tables (Spacing, Hand & Automatic)

Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.
Thomas Spacing Machine Co., Fulton bldg, Pittsburgh, Pa.

14664—Tables (Spring Assembling)

Ryerson Jos. T. & Son (Hydraulic, Ball Bearing), 2558 W 16th, Chicago, Ill. *See adv index at end of book*

14665— Tables (Steel)

Arnold S. G. ("Guttman," All Steel Assembling or Work), 2619 W Van Buren, Chicago, Ill.
Bayer-Rothgeb Co., Los Angeles, Cal.
Bernstein Mfg. Co. 3d & Westmoreland, Phila., Pa.
Buffalo Metal Furniture Mfg. Co. ("Neverwear" Steel Restaurant, Cafe, etc: also Iron Base) Buffalo N. Y.
Demmler & Schenck Co., 434 Penn av, Pittsburgh, Pa.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Duran Steel Locker Co. (For Offices, Engineering Plants, etc.), 1435 Ft. Dearborn Bank bldg, Chicago, Ill.,
EDWARDS MFG. CO., 545-565 Eggleston av., Cincinnati, O.
See adv index at end of book
General Fireproofing Co. (Office), Youngstown, O.
Heltzel Steel Form & Iron Co., Warren, O.
See adv index at end of book
Lyon Metallic Mfg. Co. ("Lyon," For All Purposes), Aurora, Ill.
Metal Office Furniture Co., Grand Rapids, Mich.
Mothrup Steel Products Co. (Polished Table Tops), Beaver Falls, Pa.
New Britain Machine Co. ("New Britain"), 190 Chestnut, New Britain, Conn.
Wilson Andrew Co., 616 Essex, Lawrence, Mass. *See adv index at end of book*

14666—*Tables (Steel, Factory)

BIGGS BOILER WORKS CO., Cace av & Williams, Akron, O.
See adv index at end of book
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book

14667—*Tables (Steel Packing)

EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book

14668—*Tables (Tomato Peeling)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

14669— Tables (Transfer)

American Bridge Co., 30 Church, New York
City Boiler & Machine Co. (Electric Car), 939 W 8th, Kansas City, Mo.
Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, Ohio
Easton Car & Construction Co., 15 Center Square, Easton, Pa.
See adv index at end of book
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Industrial Works, Bay City, Mich.
Nichols Geo. P. & Bro. (Electric, etc.), Old Colony bldg, Chicago, Ill.
Snyder Steel & Iron Works Co. (Electric Car), Kansas City, Mo.
Wharton Wm. Jr. & Co., Inc. (Electric Car, etc.), Easton, Pa.
White Mfg. Co. (Electric Car, etc), 556 W 34th, New York
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.
Wood R. D. & Co. (For Locomotive & Car Shops), 400 Chestnut, Phila., Pa.

14670—Tables (Transfer, Electric)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
NICHOLS GEO. P. & BRO., Old Colony bldg, Chicago, Ill.
NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book
Wharton Wm. Jr. & Co. Inc., Easton, Pa.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.

14671—Tables (Water Cooled Casting)

National Roll & Foundry Co., Avonmore, Pa.

14672—Tables (Wire Carrying)

Aluminum Ware Mfg. Co., Inc., Elmira, N. Y.
Ticonderoga Machine Works (Brass for Paper Makers), Ticonderoga, N. Y.

14672a— *Tables (Wood, Toy)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Tablets (Bronze, Etc.)

See Bronze Tablets, etc

Tablets (Cast Brass, Bronze or Iron)

See Bronze Tablets

14672b—*Tablets, Signs & Letters

GORHAM CO., ARCHITECTURAL BRONZE, 5th av & 36th, New York
See adv index at end of book

14673— Tabs (Index)

Aigner G. J. & Co. (Patent-Cut), 554 W Adams, Chicago, Ill.
Graff Geo. B. Co. ("Graffco Vise"), 294 Washington Boston, Mass.
Hub J. C. Mfg. Co., 1376 W 3d, Cleveland, O.
Smith Chas. C. (Gummed), Exeter, Neb.
Yawman & Erbe Mfg. Co., Rochester, N. Y.

14674— Tachometers

See also Indicators, Speed

American Ever Ready Works, Thompson av, L. I. City, New York
Belden Mfg. Co., 2316 S Western av, Chicago, Ill.
Biddle James G. ("Frahm" Vibration, "Ja-Ga-Bi" Hand), 1211 Arch, Phila., Pa.
BRISTOL CO. ("Bristol's" Long Distance Recording), Waterbury, Conn.
See adv index at end of book
Durant Mfg. Co., 655 Bluffum, Milwaukee, Wis.
Du Vivier Ernest H. (Imp), 30 Church, New York
Electric Tachometer Co. (Electrical), Perry bldg, Phila., Pa.
Esterline Co., Indianapolis, Ind.
Garford Mfg. Co., Elyria, O.
Holtzer-Cabot Elec. Co., 125 Armory, Boston, Mass.
Lombard Governor Co. (Precision), Ashland, Mass.
National Gauge Co. ("National" Portable, Stationary, Indicating & Recording), 300 Pacific, Brooklyn, N. Y.
Nelson Blower & Furnace Co. ("Reliance" Aeroplane & Marine), L. & Elkins, Boston, Mass.
Queen-Gray Co. (Recording), 618 Chestnut, Phila., Pa.
Roller-Smith Co., 233 B'way, New York
SCHAEFFER & BUDENBERG MFG. CO. (Portable, Stationary, Indicating & Recording, Special for Power Boats, Paper Machines & Turbines), Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book
Stewart-Warner Speedometer Corp., 6848 Deversay Parkway, Chicago, Ill.
Thompson-Levering Co. ("Peerless" Jobbers), 323 Arch, Phila., Pa.
Uehling Instrument Co., 71 B'way, New York City
Veeder Mfg. Co. ("Veeder"), Hartford, Conn.
Weston Elec'l M. Strument Co., Weston av, Newark, N. J.

14675—*Tachometers (Recording)

SCHAEFFER & BUDENBERG MFG. CO. Berry & So. 5th, Brooklyn, N. Y.
See adv index at end of book

14676— Tachoscopes

Biddle Jas. G., 1211 Arch, Phila., Pa.
SCHAEFFER & BUDENBERG MFG. CO. (Non-Magnetic, Combined Counter & Watch), Berry & So. 5th, Brooklyn, N. Y. *See adv index at end of book*

14677— Tacks

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Anderson Tack Co., Rockland, Mass.
Atlas Tack Co. (Cut & Wire), Fairhaven, Mass.
Carter Geo. A. (Shoe), Brockton, Mass.
Churchill & Allen (Shoe), Lynn, Mass.
Clendenin Bros. (Iron & Brass Shoe, etc), cor Central av & Fawn, Baltimore, Md.
Cleveland Tack Works (Shoe, Upholsterers & Carpet), 1303 E 49th, Cleveland, O.
Cobb & Drew, Plymouth, Mass.
Cole H. C. & W. S., Kingston, Mass.
Cross W. W. & Co. (Inc.) (Tacks & Shoe Nails), Brockton, Mass.
Crossman Tack Co., Dighton, Mass.
Fuller G. E. & A. I., Keene, N. H.
Genesee Tack Co., Rochester, N. Y.
Grand Crossing Tack Co. (Carpet, etc), So. Chicago av & E 79th, Chicago, Ill.
Gurney D. B., Whitman, Mass.
H. C. Tack Co., Cleveland, O.
Haverhill Tack Co., Haverhill, Mass.
Hawkins Co., South Britain, Conn.
Holland Mfg. Co., Central av & Bank, Baltimore, Md.
Hussey C. G. & Co. (Copper), 2850 2d av, Pittsburgh, Pa.
Illinois Nail Co., 826 Dix, Chicago, Ill.
Interstate Iron & Steel Co. (All Kinds), 1st Nat'l Bank bldg, Chicago, Ill.
Maglathlin F. W. & Co., Kingston, Mass.
Miller's H. J. Sons (Shank & Machine Shoe), Bridgewater, Mass.
Milwaukee Tack Co. (Carpet, Broom, Canvas, Upholsterers', Bill Posters', Coopers', Shoe Cheese Box, Hungarian, etc), 27th & Wahl av, Milwaukee, Wis.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
National Screw & Tack Co., Cleveland, O.
Osborne W. & Co., Lakeville, Mass.
Parker Wire Goods Co. (Wire), Worcester, Mass.
Penn Tuck Co., Norristown, Pa.
Phillips Ezra & Sons, South Hanover, Mass.
Plymouth Mills, Plymouth, Mass.
Ripley & Bartlett, Plymouth, Mass.
Roberts G. G. Corp., Whitman, Mass.
Salmond Sam'l & Son, Hanover, Mass.
Shelton Tack Co. (Cut, Basket, Carpet, Brush, Looking Glass, Lace, Gimp, Broom, Trunk, Hide, Bill Posters, Upholsterers, Trimmers, etc.), Shelton, Conn.
Somers Patrick E., Worcester, Mass.
Stanley Geo. W. Co., Belleville, Ill.
Stevens & Willis Co., South Braintree, Mass.
Superior Tack & Nail Co., Derby, Conn.
Taunton-New Bedford Copper Co. (Copper), Taunton, Mass.
Tower Mfg. Co. (Steel, Iron, Copper, etc), Elm & Commerce, Cincinnati, O.
Waterman R. C. & Co. (Gimp, Lace, Carpet, Bill Posters', Basket, etc.), So. Hanover, Mass.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.
Wire Goods Co., Worcester, Mass.
York Tack & Nail Works (Also Nails), York, Pa.

14678— Tacks (Bill Posters')

Genesee Tack Co., Rochester, N. Y.
Milwaukee Tack Co., 27th & Wahl av, Milwaukeee, Wis.
Penn Tack Co., Norristown, Pa.
Shelton Tack Co., Shelton, Conn.
Taunton Nail Co., Taunton, Mass.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

14679—Tacks (Brass & Copper)

Atlas Tack Co., Fairhaven, Mass.
Clendenin Bros. cor Central av & Fawn, Baltimore, Md.
Cole H. C. & W. S., Kingston, Mass.
Diamond Tack & Nail Works, Boston, Mass.
Grand Crossing Tack Co., S Chicago av & E 79th, Chicago, Ill.
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York
Mattatuck Mfg. Co. (Brass), Waterbury, Conn.
Merchant & Evans Co. (Copper), 2035 Washington av, Phila., Pa.
See adv index at end of book
Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.
Penn Tack Co., Norristown, Pa.
Phillips Ezra & Sons, South Hanover, Mass.
Plymouth Mills, Plymouth, Mass.
Ripley & Bartlett, Plymouth, Mass.
Rome Brass & Copper Co., Rome, N. Y.
Taunton-New Bedford Copper Co. (Copper), Taunton, Mass.

14680—Tacks (Broom, Basket & Brush)

Genesee Tack Co., Rochester, N. Y.
See adv index at end of book
Grammes L. F. & Sons, Allentown, Pa.
Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.
Penn Tack Co., Norristown, Pa.
Shelton Tack Co., Shelton, Conn.
Superior Tack & Nail Co., Derby, Conn.
Townsend Co., New Brighton, Pa.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

14681— Tacks (Carpet)

American Steel & Wire Co., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Cleveland Tack Works, 1303 E 49th, Cleveland, O.
Crossman Tack Co., Dighton, Mass.
Genesee Tack Co., Rochester, N. Y.
Grand Crossing Tack Co., S Chicago av & E 79th, Chicago, Ill.
Milwaukee Tack Co., 27tn & Wahl av, Milwaukee, Wis.
Morgan Spring Co. (Double Pointed), Worcester, Mass.
See adv index at end of book
Penn Tack Co., Norristown. Pa.
Salmond Sam'l & Son, Hanover, Mass.
Shelton Tack Co., Shelton, Conn.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

14682—Tacks (Carriage Trimmers')

Genesee Tack Co., Rochester, N. Y.

14683— Tacks (Cheese Box)

Genesee Tack Co., Rochester, N. Y.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Superior Tack & Nail Co., Derby, Conn.

14684—Tacks (Crimping or Lasting)

United Awl & Needle Co., West Medway, Mass.

14685—Tacks (Double-Pointed)

Atlas Tack Co., Fair Haven, Mass.
Cleveland Tack Works, 1303 E 49th, Cleveland, O.
Cobb & Drew, Plymouth, Mass.
Grand Crossing Tack Co., S Chicago av & E 79th, Chicago, Ill.
Holland Mfg. Co., Central av & Bank, Baltimore, Md.
Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
National Mfg. Co. ("Natwire"), Worcester, Mass.
Penn Tack Co., Norristown, Pa.
Pickering R. S., Sharon Hill, Pa.
Plymouth Mills, Plymouth, Mass.
Shelton Tack Co., Shelton, Conn.
Stanley Geo. W. Co., Belleville, Ill.
Superior Tack & Nail Co., Derby, Conn.
Titchener E. H. & Co., Binghamton, N. Y.
Tower Mfg. Co., Elm & Commerce, Cincinnati, O.
Wire Goods Co., Worcester, Mass.

14686— Tacks (Gimp)

Penn Tack Co., Norristown, Pa.
Shelton Tack Co., Shelton, Conn.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

14687— Tacks (Hide)

Penn Tack Co., Norristown, Pa.
Shelton Tack Co., Shelton, Conn.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

14688—*Tacks (Insulated Wiring)

WILMINGTON FIBRE SPECIALTY CO., Wilmington, Del.
See adv index at end of book

14689— Tacks (Lead)

United Lead Co., 111 B'way, New York

14690— Tacks (Miners')

Penn Tack Co., Norristown, Pa.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

14691—Tacks (Rubber-Headed)

Elastic Tip Co., 370 Atlantic av, Boston, Mass.
Goodrich B. F. Co., Akron, O.
New York Belting & Packing Co., 91 Chambers st, New York
Parker-Stearns & Co. ("Alpha"), 286 Sheffield av, Brooklyn, N. Y.
Pennsylvania Rubber Co., Jeannette, Pa.
Tyer Rubber Co. ("Tyrian"), Andover, Mass.

14692— Tacks (Shoe)

Carter Geo. A., Brockton, Mass.
Churchill & Allen, Lynn, Mass.
Clendenin Bros. (Iron & Brass), cor Central av & Fawn, Baltimore, Md.
Cleveland Tack Works, 1303 E 49th, Cleveland, O.
Cole H. C. & W. S. (Hand & Machine), Kingston, Mass.
Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.
National Tack Co., East Bridgewater, Mass.
Penn Tack Co., Norristown, Pa.
Somers Patrick E. (Shoe Finders'), Worcester, Mass.

14693— Tacks (Thumb)

Albrecht Chas. R., 62 Fulton, New York
Crandal, Stone & Co., Division The Brewer-Titchener Corp. (or Push), Binghamton, N. Y.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Hampden Mfg. Co. ("Clover Leaf"), 108 Fulton, New York
Hawkes-Jackson Co. ("Solidhed"), 38 Murray, New York
Hoge Mfg. Co. ("German Style"), 45 John, New York
Johnston J. D., Newport, R. I.
Keuffel & Esser Co. ("Ideal"), Hoboken, N. J.
Moore Push-Pin Co. ("Moore," Steel Pointed), 133 Berkeley, Phila., Pa.
National Sheet Metal Co. (Stamped from Nickel Steel), Peru, Ill.
Pease C. F. Co., 220 W Institute pl, Chicago, Ill.
Turner & Seymour Mfg. Co., Torrington, Conn.

14694— Tacks (Trimmers')

Penn Tack Co., Norristown, Pa.
Shelton Tack Co., Shelton, Conn.
Somers Patrick E., Worcester, Mass.

14695— Tacks (Trunk)

Penn Tack Co., Norristown, Pa.
Shelton Tack Co., Shelton, Conn.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

14696— Tacks (Upholsterers')

American Ring Co., Waterbury, Conn.
AMERICAN STEEL & WIRE CO. ("American" Wire), 208 S La Salle, Chicago, Ill. *See adv index at end of book*
Berbecker & Rowland Mfg. Co. (Brass Furniture Nails), Waterville, Conn.
Cleveland Tack Works, 1303 E 49th, Cleveland, O.
Crandal, Stone & Co. Division, The, Brewer-Titchener Corp., Binghamton, N. Y.
Genesee Tack Co., Rochester, N. Y.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Grand Crossing Tack Co., S Chicago av & E 79th, Chicago, Ill.
Holland Mfg. Co. (Brass & Gilt), Central av & Bank, Baltimore, Md.

TACKS (UPHOLSTERERS')—continued
Mattatuck Mfg. Co. ("Leatherine"), Waterbury, Conn.
Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.
Morgan Spring Co. (Gilt), Worcester, Mass. *See adv index at end of book*
Morley Button Mfg. Co. ("Milonite, Perfection" Button Head Nail), Portsmouth, N. H.
North & Judd Mfg. Co. ("Perfection"), New Britain, Conn.
Penn Tack Co., Norristown, Pa.
Plymouth Mills, Plymouth, Mass.
Ripley & Bartlett, Plymouth, Mass.
Roberts G. G. Corp. ("Crown"), Whitman, Mass.
Salmond Sam & Son, Hanover, Mass.
Shelton Tack Co., Shelton, Conn.
Somers Patrick E., Worcester, Mass.
Superior Tack & Nail Co., Derby, Conn.
Tockwotton Co., Providence, R. I.
Tower Mfg. Co. Elm & Commerce, Cincinnati, O.
Traut & Hine Mfg. Co., New Britain, Conn.
Turner & Seymour Mfg. Co. ("Eagle," "Keystone"), Torrington, Conn.
Waterman R. C. & Co., South Hanover, Mass.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

14697—Tags (Bag, Aluminum)

Aluminum Goods Mfg. Co., Manitowoc, Wis.
Decker Mfg. Co., Keokuk, Ia.

14698— Tags (Dog)

Niagara Falls Metal Stamping Works, Niagara Falls, New York

14699— *Tags (Hard Fibre)

See also Fibre, Hard

DELAWARE HARD FIBRE CO., Wilmington, Del.
See adv index at end of book
WILMINGTON FIBRE SPECIALTY CO., Wilmington, Del.
See adv index at end of book

14700— Tags (Hook)

Salisbury Mfg. Co., 14 Leather av, Providence, R. I.
Thomas Stationery Mfg. Co., Springfield, Ohio

14701—Tags (Hotel Key, Etc.)

American Railway Supply Co., 134 Charles, New York
Burg E. F. (& Hotel Supplies), 224 W. 1st, Duluth, Minn.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.

14702—Tags (Indelible Ink)

Clark R. S. & Son, Cohoes, N. Y.

14703— Tags (Index)

Smith Chas. C., Exeter, Neb.

14704— Tags (Jewelers')

Bonnell J. D. & Son, 311 Atlantic av, Boston, Mass.
Eisler Anthony & Co. (Also Mdse, Hook, etc), 227 Canal, New York

14705— Tags (Laundry)

Boston Clip & Tag Co., 40 Sudbury, Boston, Mass.
Higgin Mfg. Co., Newport, Ky.
Merchandise & Laundry Tag Co. ("Sta-On"), 19 Washington, Boston, Mass.

14706—Tags (Metal Edge)

Salisbury Mfg. Co., 14 Leather av, Providence, R. I.

14706a— Tags (Oyster)

Equipoise Rivet Co., Waterbury, Conn.
Grammes L. F. & Sons, Allentown, Pa.

14706b—*Tags (Plant, Wood)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

14707— Tags (Shipping)

See also Tags, Tin; also Tags, Zinc

Acme Tag Co., 2840 Fremont av, Minneapolis, Minn.
Allen Robert T., Jackson, Mich.
Allen & Bailey Tag Co., Caledonia, N. Y.
American Mfg. Co., Battle Creek, Mich.
American Tag Co., 6133 S State, Chicago, Ill.
American Tag Co. of N. J., 123 Sussex av, Newark, N. J.
Anderson W. J. & Co., 341 B'way, New York
Campbell Paper Box Co., South Bend, Ind.
Dancyger Safety Pin Ticket Co., Cleveland, Ohio
Decker Mfg. Co., Keokuk, Ia.
Denney Tag Co., West Chester Pa.
Dennison Mfg. Co., 26 Franklin, Boston, Mass.
Eisler Anthony & Co. (Also Mdse, **Hook,** etc), 227 Canal, New York
International Tag Co., 652 W Lake, Chicago, Ill.
Keystone Tag Co., West Chester, Pa.
Murray Mfg. Co. (Cotton), Newnan, Ga.
National Tag Co., Dayton, O.
Reyburn Mfg. Co., 23rd & Allegheny av, Phila., Pa.
Robinson Tag & Label So., 142 W 18th, New York
Salisbury Mfg. Co., 14 Leather av, Providence, R. I.
Scharf Tag & Label Co., Ypsilanti, Mich.
Shuman F. G. Co., 168 W Michigan av, Chicago, Ill.
Sutcliffe Adam & Co., Pawtucket, R. I.
Thomas Stationery Mfg. Co., Springfield, Ohio
UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book

14708— Tags (Tin)

AMERICAN CAN CO., 120 Broadway, New York. *See adv index at end of book*
American Tag Co., 6133 S State, Chicago, Ill.
Grammes L. F. & Sons. Allentown. Pa.
See adv index at end of book
Kraft A. C., 323 W Lake, Chicago, Ill.
Murdock W. Jas. Co., 116 Opera pl, Cincinnati, O.
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.
Weber-Erickson-Bunting Co. (Metal), 221 Diamond, Pittsburgh, Pa.

14709— Tags (Zinc)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Hill J. H. & Sons, Coventry, R. I.

Tailors' Irons

See Sad Irons

14710— Take-Ups

Dodge Sales & Engineering Co., Mishawaka, Ind.
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av, & P. & R. Ry., Phila., Pa.
See adv index at end of book
Nordyke & Marmon Co. (Belt & Rope), 1290 Kentucky av, Indianapolis, Ind.
United Iron Works Co., Kansas City, Mo.
Webster Mfg. Co., Tiffin, O.
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.

Take-Ups (Wire)

See Reels, Payout & Take-up

14711—Talc Blanks (Insulator & Gas Burner)

North Carolina Talc & Mining Co., Hewitts, N. C.

14712— Talc Importers

Fuerst Bros. & Co., 2 Stone, New York
Merchant & Evans Co., 2035 Washington av, Phila., Pa.
See adv index at end of book

14713—Talc Mfrs. & Miners

American Lava Co., Chattanooga, Tenn.
See adv index at end of book
American Mineral Co., Johnson, Vt.
Atlas Mineral Products Co., Lincoln, N. J.
Bull Run Talc. & Soapstone Co. ("Redoxo" Red), Clifton Station, Va.
Chemical Mfg. Co., Covington, Ky.
Cohutta Talc Co., Dalton, Ga.
Doggett Stanley, 11 Cliff, New York
Dunn & Kruse (Imp.), 63 Park row, New York
Georgia Talc Co., Asheville, N. C.
Gregory Talc, Blackboard & Crayon Co., Nashville, Tenn.
International Pulp Co. ("Asbestine"), 41 Park Row, New York
North Carolina Talc & Mining Co., Hewitts, N. C.
Ontario Talc Co., Gouverneur, N. Y.
Product Sales Co., 32 S Calvert, Baltimore, Md.
Robbins A. A. Mining Co., 99 John, New York
St. Lawrence Talc Co. ("Talclay"), 5 E 42d, New York
Smith J. Lee & Co. (Imp.), 19 Jacob, New York
Uniform Fibrous Talc. Co., 280 Madison, New York
Union Talc Co., 132 Nassau, New York
Vermont Talc Co., Holyoke, Mass.

14714— Talc (Powdered)

American Mineral Co., Johnson, Vt.
Binney & Smith Co. (Importers), 81 Fulton, New York
CHRYSTAL CHAS. B. (Importer), 11 Cliff, New York
See adv index at end of book
Doggett Stanley (Also Crayons), **11 Cliff,** New York
Eastern Talc Co., 45 Milk, Boston, Mass.
Federal Foundry Supply Co. ("Bull Run"), 2639 E 79th, Cleveland, O.
Georgia Talc Co. (Also Foundry Facings), Asheville, N. C.
Hammill & Gillespie (Imp.), 240 Front, New York

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Nevins Sam'l Co. (French & American), 109 S 2d, Phila., Pa.
New England Quartz Co., 107 William, New York
North Carolina Talc & Mining Co., Hewitts, N. C.
St. Lawrence Talc Co., 5 E 42d, New York
Salomon L. A. & Bro. (Imp.), 216 Pearl, New York
Smith Facing & Supply Co., Carter rd, Cleveland, O.
Steward D. M. Mfg. Co., Chattanooga, Tenn,
Western Federal Supply Co., Cleveland, O.
Whittaker, Clark & Daniels, Inc. (Jobbers), 250 Front, New York
WILLIAMS C. K. & CO., Easton, Pa.

14715—Talking Machine Specialties

Hawthorne Mfg. Co., Bridgeport, Conn.
Heineman Otto Phonograph Supply Co., 25 W 25th, New York
Standard Gramaphone Appliance Co. (Automatic Stops, Fibre Needle Cutters, Record Cleaners), 237 Lafayette, New York
Thomas Mfg. Co., Dayton, O.
Weber-Knapp Co., Jamestown, N. Y.

14716— Tallow

Armour & Co., 208 S La Salle, Chicago, Ill.
Baugh & Sons Co., 20 S Delaware av, Phila., Pa.
Beach Soap Co., Lawrence, Mass.
Biggs E. W. & Co., Kansas City, Mo.
Birmingham Hide & Tallow Co., Birmingham, Ala.
Breting H. & Co., Springfield, O.
California Tallow Works, 1226 Evans av, San Francisco, Cal.

Claverie A. J. & Co., New Orleans, La.
Connecticut Fat Rendering & Fertilizing Corp., New Haven, Conn.
Consolidated Rendering Co. ("Perfection," "Peerless"), 40 N Market, Boston, Mass.
Cudahy Packing Co., 111 W Monroe, Chicago, Il.
Darling & Co., 4201 S. Ashland av, Chicago, Ill.
Davis Oil Co., 95 Ninth, Brooklyn, N. Y.
Elkan H. & Co., 10 W Austin av, Chicago, Ill.
Faber F. H. & Co., Peoria, Ill.
Flavell Co., Asbury Park, N. J.
Harshaw, Fuller & Goodwin, Cleveland, New York & Philadelphia
Hartman Bros., Inc. (Imp.), 641 Atlantic av, Boston, Mass.
Herrmann Jos. F. & Co., Fisher bldg, Chicago, Ill.
James Henry & Son, 15 Exchange, Boston, Mass.
Jardine, Matheson & Co. (Imp), 63 Wall, New York
Klipstein A. & Co. (Imp.), 644 Greenwich, New York
Kuh E. S. & Valk Co. (Imp), Produce Exchange, New York.
Link David C. & Co. (Imp.), Produce Exchange, N. Y.
Marx Hide & Tallow Co., Louisville, Ky.
Milwaukee Tallow & Grease Co., Vogel's Island, Milwaukee, Wis.
Morris & Co., 38 S Dearborn, Chicago, Ill.
Morse J. F. & Co., 66 Norfolk av, Rox., Boston, Mass.
New Orleans Butchers' Hide & Tallow Co. (Ltd.), New Orleans, La.
Norden A. & Co. (Imp.), 60 Beaver, New York
Pacific Coast Beef & Provision Co., Los Angeles, Cal.
Reardon Jno. & Sons Co. (Oleo), Cambridge, Mass.
Rochester Tallow Co., Rochester, N. Y.
Rogers A. Co., Aurora, Ill.
St. Louis Hide & Tallow Co., 2d & Talcott, St. Louis, Mo.
Schwarz Bros. Co., Kearny, N. J.
Stern Jos. & Sons, 614 W 40th, New York
Stevenson Bro. & Co., 10 Race, Phila., Pa.
Swift & Co., Union Stock Yards, Chicago, Ill.
Union Hide Co. (Dealers), 3d & Harrison, Oakland, Cal.
United Dressed Beef Co., 1st av & 44th, New York
Van Iderstine Co., Long Island City, New York
Whitman & Pratt Rendering Co., Lowell, Mass.
White Thos. H. & Co. (Brokers), 11 S Gay, Baltimore, Md.
Wilson & Co., Union Stock Yards, Chicago, Ill.
Wise L. & Bros., 36 Main, Cincinnati, O.

14717— Tallow (Vegetable)

Carleton & Moffat (Imp.), 80 Maiden la, New York
Elbert & Company (Imp.), 71 Wall, New York
Hartman Bros., Inc. (Imp.), 641 Atlantic av, Boston, Mass.
Jardine, Matheson & Co. (Imp.), 63 Wall, New York
Klipstein A. & Co., 644 Greenwich, New York

14718— Tamers (Hog)

Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.

14719— Tampers (Concrete)

Anchor Concrete Stone Co. (Automatic), Rock Rapids, Ia
Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.
Arrowsmith Concrete Tool Co. (With Long Handle), Arrowsmith, Ill.
Barber Asphalt Paving Co. ("Iroquois"), Land Title bldg, Philadelphia, Pa.
Bond Harold L. Co. ("Andrews"), 391 Atlantic av, Boston, Mass.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Cement Tile Machy. Co. (Power), Waterloo, Ia.
Columbus Handle & Tool Co., Columbus, Ind.
Crescent Novelty Mfg. Co. (Iron & Steel), 703 S B'way, St. Louis, Mo.
Duffy Mfg. Co., 214 W Grand av, Chicago, Ill.
Dunn Mfg. Co., Preble av, N S, Pittsburgh, Pa.
Ideal Concrete Machinery Co. (Power), 1346 Monmouth av, Cincinnati, O.
INGERSOLL-RAND CO. ("Crown" Pneumatic), 11 B'way, New York
See adv index at end of book
Kramer Automatic Tamper Co. ("Kramer"), Peoria, Ill.
Kramer Bros. Foundry Co. ("Gem" Hand), Dayton, O.
Raber & Lang Mfg. Co. ("Crescent," Power), Kendallville, Ind.
Ransome Leach Co., 115 B'way, New York
Rock Island Mfg. Co., Rock Island, Ill.
Root-Heath Mfg. Co., Plymouth, O.
South Bend Foundry Co., South Bend, Ind.
Stortz John & Son, 210 Vine, Phila., Pa.
Wapak Hollow Ware Co., Wapakoneta, O.

14720—Tampers (Dirt & Sod)

Brunner & Lay, 570 W Polk, Chicago, Ill.
Burr Co., Champaign, Ill.
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Dunn Mfg. Co. (For Sewer & Trench Work, etc), Preble av, N S, Pittsburgh, Pa.
Indiana Foundry Co., Indiana, Pa.
Ingersoll-Rand Co. ("Crown" Pneumatic), 11 B'way, New York
See adv index at end of book
Lourie Mfg. Co. ("Staley" Power for Trenches & Pavements), Springfield, Ill.
Modern Iron Works (Iron Handle), Quincy, Ill.
Pawling & Harnischfeger Co. (Power for Trenches), Milwaukee, Wis.
Republic Mfg. Co., Milwaukee, Wis.
Root-Heath Mfg. Co., Plymouth, O.
Stortz John & Son, 210 Vine, Phila., Pa.
Swett A. L. Iron Works, Medina, N. Y.
Wapak Hollowware Co., Wapakoneta, O.

14721—*Tampers (Railroad Ballast)

INGERSOLL-RAND CO. ("Imperial," Pneumatic), 11 B'way, New York
See adv index at end of book

14722—Tampers (Smoking Pipe)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book

14723— Tank Fixtures

American Valve & Meter Co. ("Page"), Cincinnati, O.
Baltimore Cooperage Co., The (Railroad), c Hanover & Creek, Baltimore, Md.
CALDWELL W. E. CO. (Railroad, etc.), Louisville, Ky.
See adv index at end of book
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Kalamazoo R'y Supply Co., Kalamazoo, Mich.
McGowan John H. Co. (Water, Railroad Only), 52 Central av, Cincinnati, O.

Tank Saddles

See Boiler Saddles

Tank Pulls

See Pulls, Closet

14724—Tanks (Acid Storage)

See also Stoneware, Chemical

American Welding Co. (For Mixed, Nitric, Sulphuric & Carbonic Acids, etc), Carbondale, Pa.
Baltimore Cooperage Co., The, cor Hanover Creek, Baltimore, Md.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Bovaird & Seyfang Mfg. Co., Bradford, Pa.
Buckeye Boiler Co., Dayton, O.
BUFFALO FOUNDRY & MACHINE CO, (Cast Iron), 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*
CALDWELL W. E. CO. (Yellow Pine or Cypress a Specialty), Louisville, Ky.
See adv index at end of book
Chemical Construction Co., Charlotte, N. C.
Chicago Bridge & Iron Works, 1319 W. 105th, Chicago, Ill.
See adv index at end of book
Coatesville Boiler Works, Coatesville, Pa.
Columbiana Boiler Co., Columbiana, O.
Connery & Co., 2d & Luzerne, Phila., Pa.
Corcoran A. J. Inc., 745 Jersey av, Jersey City, N. J.
DOVER BOILER WORKS, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Euclid Mfg. Co. ("Euclid" Stone), Paden City, W. Va.
FABRICATED STEEL PRODUCTS CORPORATION, Box 300, Leetonia, O.
See adv index at end of book
Finch Mfg. Co., Scranton, Pa.
General Ceramics Co., 50 Church,New York
Gerdes & Co., 42 Church, New York
See adv index at end of book
Graver, Wm. Tank Works, East Chicago, Ind.
HAMMOND IRON WORKS, Warren, Pa.
See adv index at end of book
Hauser-Stander Tank Co., Cincinati, O.
Heggle James G. & Sons, Joliet, Ill.
Kittoe Boiler & Tank Co., Inc., Canton, Ohio
Koven L. O. & Bro. (Wire Mill), 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.
Leetonia Boiler Co., Leetonia, O
McAleenan Bros. Co., 25th & Av R. R., Pittsburgh, Pa.
McNeil Boiler Co., 96 Crozier, Akron, O.
Manitowoc Engineering Works, Manitowoc, Wis.
Morgan Construction Co., Worcester, Mass.
Muskegon Boiler Works, Muskegon, Mich.
New York Central Iron Works Co. Inc., Hagerstown, Md.
Petroleum Iron Works Co., Sharon, Pa.
Petty J. K. & Co., Lebanon, Pa.
Pittsburgh-Des Moines Steel Co., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Reeves Bros. Co., Alliance, O.
Ruemmell-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Smith Samuel & Son Co., Paterson, N. J.
Standard Boiler & Plate Iron Co., Niles, O.
Standard Tank Co., 15 Park row,New York
Struthers-Wells Co., Warren Pa.
See adv index at end of book
Stuart & Peterson Co. (Cast Iron), Burlington, N. J.

DOVER BOILER WORKS

TANKS and STACKS

Acid Tanks—General Chemical Works Requirements

Sales Office: 50 Church Street, New York **Works: Dover, N. J.**

TANKS (ACID STORAGE)—continued
Tippett & Wood, Phillipsburg, N. J.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Turner, Vaughn & Taylor Co. (Wire Mill Equipment), Cuyahoga Falls, O.
United Iron Works Co., Kansas City, Mo.
Walls, Owen & Stambach Co. (Soapstone), 11th & Hamilton, Phila., Pa.
WALSH & WEIDNER BOILER CO., Chattanooga, Tenn.
See adv index at end of book
Warren City Tank & Boiler Co., Warren, Ohio
Wicks Boiler Co., Saginaw, Mich.

Tanks (Agitating)

See Agitators

14725— Tanks (Air)

American Iron Works, Louisville, Ky.
American Welding Co. (Welded), Carbondale, Pa.
Atlas Engineering Co., Amherst, O.
See adv index at end of book
Baltimore Cooperage Co., The (Air Pressure), cor Hanover & Creek, Baltimore, Md.
Bass Foundry & Machine Co., Ft. Wayne, Ind.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Bovaird & Seyfang Mfg. Co., Bradford, Pa.
Buckeye Boiler Co., Dayton, O.
BUFFALO FOUNDRY & MACHINE CO, (Cast Iron), 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*
Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
CHICAGO BRIDGE & IRON WORKS, 1319 W. 105th, Chicago, Ill.
For branch offices see adv index at end of book
Cole R. D. Mfg. Co., Newman, Ga.
Columbiana Boiler Co., Columbiana, O.
Connery & Co., 2d & Luzerne, Phila., Pa.
DOVER BOILER WORKS, Sales Office: 50 Church, New York. Works, Dover, N. J. *See adv index at end of book*
Federal Pressed Steel Co., Keefe av & N Pierce, Milwaukee, Wis.
Finch Mfg. Co., Scranton, Pa.
Gardner Governor Co., 14 Williamson, Quincy, Ill.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Graver Wm. Tank Works, East Chicago, Ind.
Hammond Iron Works, Warren, Pa.
See adv index at end of book
Heggie James G. & Sons, Joliet, Ill.
Heltzel Steel Form & Iron Co., Warren, O.
See adv index at end of book
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Ironton Punch & Shear Co., Ironton, O.
Kittoe Boiler & Tank Co., Inc., Canton, O.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Kraft A. C., 323 W Lake, Chicago, Ill.
Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.
Leetonia Boiler Co., Leetonia, O.
Leslie, Elliott & Co., Paterson, N. J.
Littleford Bros., 444 E Pearl, Cincinnati, O.
Lookout Boiler Mfg. Co., Chattanooga, Tenn.
McNaull Boiler Mfg. Co., Toledo, O.
Manitowoc Engng. Works, Manitowoc, Wis.
Monarch Engineering & Mfg. Co., American bldg, Baltimore, Md.
Murphy & Walsh, Pekin, Ill.
Muskegon Boiler Works, Muskegon, Mich.
Nagle Corliss Engine Works, Erie, Pa.
National Tube Co. ("Shelby" Seamless), Frick bldg, Pittsburgh, Pa.
New York Central Iron Wks. Co. Inc., Hagerstown, Md.
Penna. Range Boiler Co., 2024 N 10th, Phila., Pa.
Petroleum Iron Works Co., Sharon. Pa.
Petty J. K. & Co., Lebanon, Pa.
Pittsburgh-Des Moines Steel Co., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Pressed Steel Tank Co. (Seamless Steel), 58th & Greenfield av, Milwaukee, Wis.
Producers' Supply Co., Franklin, Pa.
Reeves Bros. Co., Alliance, O.
Rodgers Boiler & Burner Co., Muskegon, Mich.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Smith Samuel & Son Co., Paterson, N. J.
Sotter Bros., Pottstown, Pa.
Southern Boiler & Tank Works, Memphis, Tenn.
Southern Bridge Co., Birmingham, Ala.
Springfield Boiler Co., Springfield, Ill.
Standard Boiler & Plate Iron Co., Niles, O.
Struthers-Wells Co., Warren, Pa.
See adv index at end of book
Tippett & Wood, Phillipsburg, N. J.
Titusville Iron Co. (pneumatic), Titusville, Pa.
Toledo Metal Manufacturers Co., Michigan, Toledo, Ohio.
See adv index at end of book
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Tudor Boiler Mfg. Co., 715 E 3d, Cincinnati, O.
United Iron Works Co., Kansas City, Mo.
WALSH & WEIDNER BOILER CO., Chattanooga, Tenn.
See adv index at end of book
Warren City Tank & Boiler Co., Warren, Ohio
Western Drop Forge Co., P. O., Box 386, Marion, Ind.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Wilson Steam Boiler Co., Omaha, Neb.
Worthington Pump & Mach'y Corp., 115 B'way, New York
See adv index at end of book

14726— *Tanks (Air Brake)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
WESTINGHOUSE AIR BRAKE CO., Pittsburgh, Pa.

14727—Tanks (Air Compressor)

Atlas Engineering Co., Amherst, O.
See adv index at end of book
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Bovaird & Seyfang Mfg. Co., Bradford, Pa.
Brunner Mfg. Co., Utica, N. Y.
Bury Compressor Co., Erie, Pa.
Case W. A. & Sons Mfg. Co., Buffalo, N. Y.
CHICAGO BRIDGE & IRON WORKS, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book
Cole R. D. Mfg. Co., Newman, Ga.
Columbiana Boiler Co., Columbiana, O.
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
DOVER BOILER WORKS. Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Downington Iron Works, East Downingtown, Pa.
Farrar & Trefts, Inc., Buffalo, N. Y.
Globe Machinery & Supply Co., Des Moines, Ia.
Graver Wm. Tank Works, East Chicago, Ind.
Hammond Iron Works, Warren, Pa.
See adv index at end of book
Hartley Boiler Works, Montgomery, Ala.
Heggie James G. & Sons, Joliet, Ill.
Kewanee Boiler Co., Kewanee, Ill.
Kittoe Boiler & Tank Co. (Inc.), Canton, Ohio
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Leetonia Boiler Co., Leetonia, O.
Leslie Elliott & Co., Paterson, N. J.
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
McNaull Boiler Mfg. Co., Toledo, O.
Michelmann Steel Construction Co., Quincy, Ill.
Murphy & Walsh, Pekin, Ill.
Muskegon Boiler Works, Muskegon, Mich.
Nagle Corliss Engine Works, Erie, Pa.
National Tube Co. ("Shelby" Seamless), Frick bldg, Pittsburgh, Pa.
New York Central Iron Wks. Co. Inc., Hagerstown, Md.
Petroleum Iron Works Co., Sharon, Pa.
Petty J. K. & Co., Lebanon, Pa.
Pittsburgh-Des Moines Steel Co., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Producers' Supply Co., Franklin, Pa.
Reeves Bros. Co., Alliance, O.
Rodgers Boiler & Burner Co., Muskegon, Mich.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Smith Samuel & Son Co., Paterson, N. J.
Sotter Bros., Pottstown, Pa.
Southern Boiler & Tank Works, Memphis, Tenn.
Springfield Boiler Co., Springfield, Ill.
Standard Boiler & Plate Iron Co., Niles, Ohio
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Turl Iron & Car Co. (Inc.), The, 50 Broad, New York. Works: Newburgh, N. Y.
United Iron Works Co., Kansas City, Mo.
Walsh & Weidner Boiler Co., Chattanooga, Tenn. *See adv index at end of book*
Warren City Tank & Boiler Co., Warren, Ohio
Western Drop Forge Co., P. O. Box 386, Marion, Ind.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
WESTINGHOUSE AIR BRAKE CO., Pittsburgh, Pa.

14728-9—*Tanks (Air for Garage)

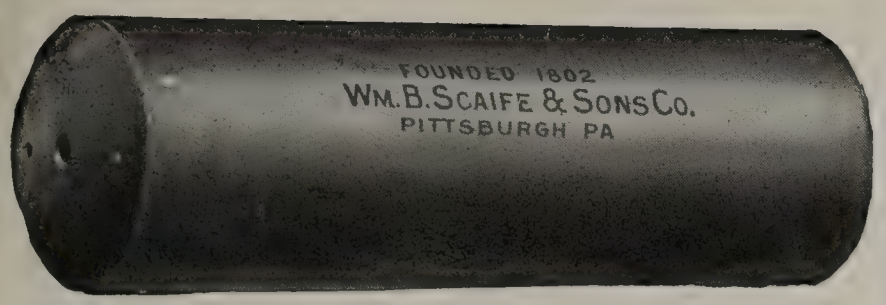
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York.
See adv index at end of book

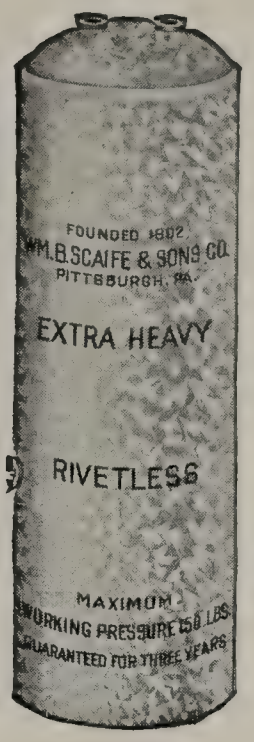
Tanks (Asphalt Heating)

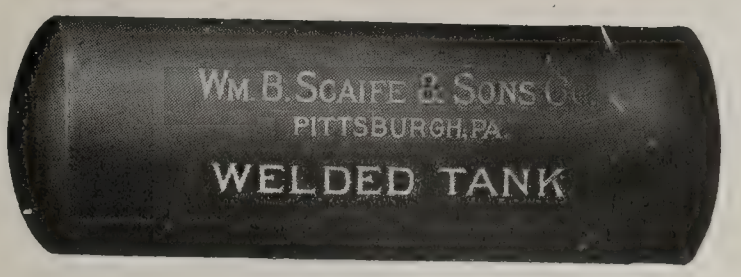
See Heaters, Asphalt

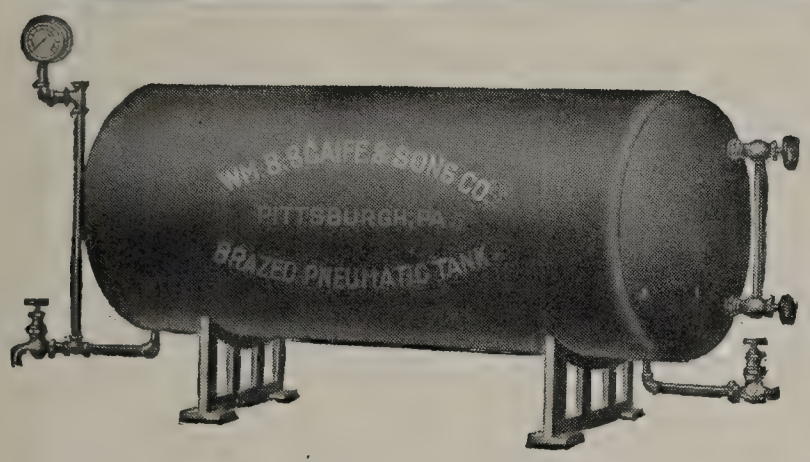
14730—Tanks (Automobile, Fuel Storage)

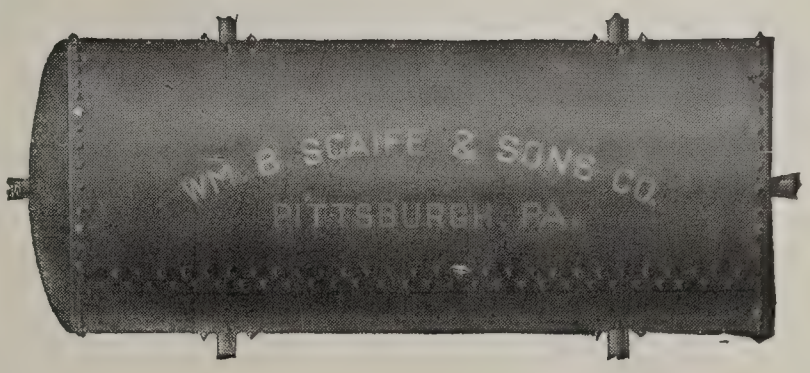
A-Z Co., 527 W 56th, New York
AMERICAN CAN CO., 120 Broadway, New York. *See adv index at end of book*
Atlas Enginering Co., Amherst, O.
See adv index at end of book
Badger E. B. & Sons Co., 75 Pitts, Boston, Mass.
Baltimore Cooperage Co., c Hanover & Creek, Baltimore, Md.
Bauer Machine Works Co., Kansas City, Mo.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Bowser S. F. & Co., Fort Wayne, Ind.
Briscoe Mfg. Co., Detroit, Mich.
Bushnell Tank Works, Bushnell, Ill.
Butler Mfg. Co., Kansas City, Mo.
Case W. A. & Sons Mfg. Co., Buffalo, N. Y.
Chapin R. E. Mfg. Works (Galvanized), Batavia, N. Y.
Clayton & Lambert Mfg. Co., 205 Piquette av E, Detroit, Mich.
Codd E. J. Co., 700 S Carolina, Baltimore, Md.
Columbian Steel Tank Co. (Galvanized Steel), New England bldg, Kansas City, Mo.
Dixie Culvert & Metal Co., Atlanta, Ga.
DOVER BOILER WORKS, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
GILBERT & BARKER MFG. Co. ("Gilbert & Barker" for Gasoline Storage), Springfield, Mass.
See adv index at end of book
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Harps J. A. Mfg. Co. ("Never-Fail"), Greenfield, O.
Hayes Mfg. Co., Detroit, Mich.
Heil Co., Milwaukee, Wis.
Jackson Mfg. Co., Harrisburg, Pa.
See adv index at end of book
Kells W. J. Mfg. Co., 521 W 45th, New York
Kittoe Boiler & Tank Co. (Inc.), Canton, Ohio
Koven L. O. & Bro. (Boat), 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Kraft A. C., 323 W Lake, Chicago, Ill.











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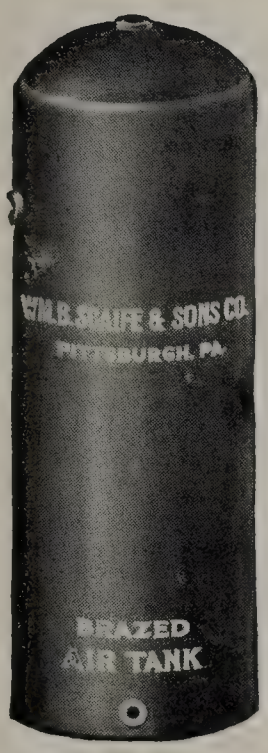

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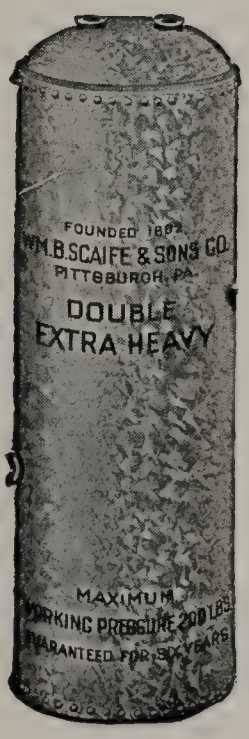

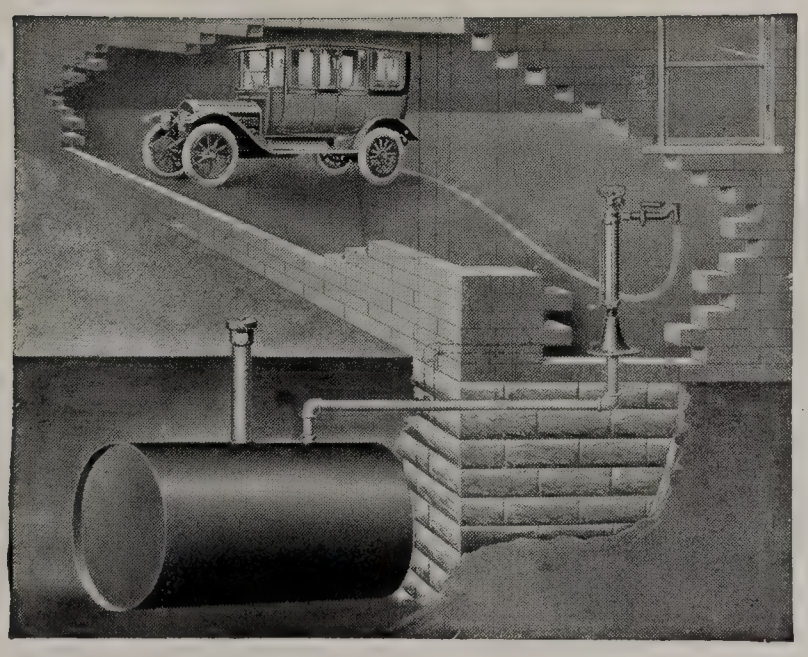

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Martin Metal Mfg. Co., Wichita, Kansas
Meurer Steel Barrel Co. ("Anchor" Welded Seamless), 575 Flushing av, Brooklyn, N. Y.
Morrison Bros., Dubuque, Ia.
National Marine Lamp Co., Forestville, Conn.
Petty J. K. & Co., Lebanon, Pa.
Pittsburgh-Des Moines Steel Co., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Prest-O-Lite Co., Indianapolis, Ind.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
St. Louis Metalware Co., 2507 N B'way, St. Louis, Mo.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Sexton Can Co. ("Sexton"), 228 Franklin, Boston, Mass.
Standard Tank Co., 15 Park Row, New York
Struthers-Wells Co., Warren, Pa.
See adv index at end of book
Tippett & Wood, Phillipsburg, N. J.
Welded Steel Barrel Corp., Hart av & Charlevoix, Detroit, Mich.
Western Drop Forge Co., P. O. Box 386, Marion, Ind.
Willcox Engineering Co., 1525 Holland av, Saginaw, Mich.

14731—*Tanks (Automobile Storage, Garage)

Atlas Enginering Co., Amherst, O.
See adv index at end of book
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
HAMMOND IRON WORKS, Warren, Pa.
See adv index at end of book
Pittsburgh-Des Moines Steel Co., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Western Drop Forge Co., P. O. Box 386, Marion, Ind.

14732—*Tanks (Automobile, Water & Gasoline)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis.
See adv index at end of book
Pittsburgh-Des Moines Steel Co., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Western Drop Forge Co., P. O. Box 386, Marion, Ind.

14733—*Tanks (Beet Sugar Syrup)

Atlas Enginering Co., Amherst, O.
See adv index at end of book
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Dover Boiler Works. Sales Office. 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Struthers-Wells Co., Warren, Pa.
See adv index at end of book
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*

14734— Tanks (Bleaching)

Atlas Enginering Co., Amherst, O.
See adv index at end of book
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Canton Boiler & Engineering Co., Canton, O.
Dover Boiler Works, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Kittoe Boiler & Tank Co. Inc., Canton, O.
Manitowoc Engineering Works, Manitowoc, Wis.
Struthers-Wells Co., Warren, Pa.
See adv index at end of book

14735— Tanks (Blow-Off)

Abendroth G. Irving Co., 10 E 43d, New York
Atlas Enginering Co., Amherst, O.
See adv index at end of book
Beggs James & Co., 30 Warren, New York
See adv index at end of book
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Bovaird & Seyfang Mfg. Co., Bradford, Pa.
Case W. A. & Sons Mfg. Co., Buffalo, N. Y.
Codd E. J. Co., 700 S Carolina, Baltimore, Md.
Columbiana Boiler Co., Columbiana, O.
Connery & Co., 2d & Luzerne, Phila., Pa.
Cox & Sons Co., 5th & Chestnut., Phila., Pa.
Creswell Samuel J. Iron Works, 23d & Cherry, Phila., Pa.
Crook H. E. & Co. Inc., 28 Light, Baltimore, Md.
Dover Boiler Works, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Estabrook's R. Sons ("Boston" with Clean-out Cover), 202 1st, Boston, Mass. *See adv index at end of book*
FABRICATED STEEL PRODUCTS CORPORATION, Box 300, Leetonia, O.
See adv index at end of book
Gerdes & Co., 42 Church, New York
See adv index at end of book
Hammond Iron Works, Warren, Pa.
See adv index at end of book
Heggie James G. & Sons, Joliet, Ill.
Kellogg M. W. Co. (Welded), 90 West, New York. *See adv index at end of book*
Kewanee Boiler Co., Kewanee, Ill.
Kittoe Boiler & Tank Co. (Inc.), Canton, O.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Kries Henry A. & Sons Co., 8 W Lombard, Baltimore, Md.
Lappen Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.
Leetonia Boiler Co., Leetonia, O.
McDermott Bros. Co., Allentown, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
New York Central Iron Wks. Co. Inc., Hagerstown, Md.
Petty J. K. & Co., Lebanon, Pa.
Quaker City Iron Works, Tioga & Edgemont, Phila., Pa.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Sotter Bros., Pottstown, Pa.
Southern Boiler & Tank Works, Memphis, Tenn.
Springfield Boiler Co., Springfield, Ill.
Struthers-Wells Co., Warren, Pa.
See adv index at end of book
Tippett & Wood, Phillipsburg, N. J.
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Turl Iron & Car Co, Inc., The, 50 Broad, New York. Works: Newburgh, N. Y.
Union Iron Works, Hoboken, N. J.
Walsh & Weidner Boiler Co., Chattanooga, Tenn. *See adv index at end of book*
Warren City Tank & Boiler Co., Warren, O.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

Tanks (Boat)

See Tanks, Car

14736— *Tanks (Brazed)

SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

14736a— *Tanks (Brine)

Leetonia Boiler Co., Leetonia, O.
Pittsburgh-Des Moines Steel Co., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book

14737— Tanks (Cachaza)

Blymyer Iron Works Co., Cincinnati, O.

Tanks (Calcium Light)

See Cylinders, Calcium Light

14738—Tanks (Canners' Process)

Littleford Bros., 444 E Pearl, Cincinnati, Ohio

14739— Tanks (Car)

Atlas Enginering Co., Amherst, O.
See adv index at end of book
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Blaw-Knox Co., Farmers Bank bldg, Pittsburgh, Pa.
Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
Case W. A. & Sons Mfg. Co., Buffalo, N. Y.
Columbiana Boiler Co., Columbiana, O.
DOVER BOILER WORKS, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Erie City Iron Works, Erie, Pa.
FABRICATED STEEL PRODUCTS CORP. (Steel), Box 300, Leetonia, O.
See adv index at end of book
General American Tank Car Corp., 111 W Monroe, Chicago, Ill.
Graver Wm. Tank Works (Oil & Acid), East Chicago, Ind.
Hammond Iron Works, Warren, Pa.
See adv index at end of book
Hartley Boiler Works, Montgomery, Ala.
Heggie James G. & Sons, Joliet, Ill.
Kittoe Boiler & Tank Co., Inc., Canton, O.
Kraft A. C., 323 W Lake, Chicago, Ill.
Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.
Leetonia Boiler Co., Leetonia, O.
McAleenan Bros. Co., 25th & A. V. R. R., Pittsburgh, Pa.
McNeil Boiler Co., 96 Crozier, Akron, O.
Manitowoc Engineering Works, Manitowoc, Wis.
Meehan Boiler & Construction Co., Lowellville, O.
Penna. Tank Car Co., Sharon, Pa.
Petroleum Iron Works Co., Sharon, Pa.
Petty J. K. & Co., Lebanon, Pa.
Pittsburgh-Des Moines Steel Co., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Pressed Steel Car Co. (Steel), 307 5th av, Pittsburgh, Pa.
Reeves Bros. Co., Alliance, O.
Scaife Wm. B. & Sons Co., First National Bank bldg., Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Southern Boiler & Tank Works, Memphis, Tenn.
Springfield Boiler Co., Springfield, Ill.
Tippett & Wood, Phillipsburg, N. J.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Turl Iron & Car Co. Inc., The, 50 Broad, New York. Works: Newburgh, N. Y.
Union Iron Works, Hoboken, N. J.
Walsh & Weidner Boiler Co., Chattanooga, Tenn. *See adv index at end of book*
Warren City Tank & Boiler Co., Warren, Ohio
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Western Steel Car & Foundry Co. (Steel), 37 W Van Buren, Chicago, Ill.
Wilson Steam Boiler Co., Omaha, Nebr.

14740—*Tanks (Car Lighting)

SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

14741—*Tanks (Car Wheel Annealing)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Dover Boiler Works, Sales Office: 50 Church, New York. Works: Dover, N. Y. *See adv index at end of book*
FABRICATED STEEL PRODUCTS CORP., Box 300, Leetonia, O.
See adv index at end of book
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

14742—Tanks (Cast Iron Storage)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Gerdes & Co., 42 Church, New York
See adv index at end of book
United Iron Works Co., Kansas City, Mo.

14743— Tanks (Chemical)

Acme Tank Co., 59 Cortlandt, New York
Atlas Enginering Co., Amherst, O.
See adv index at end of book
Bethlehem Foundry & Machine Co. (Cast Iron, Evaporating, Mining, etc), South Bethlehem, Pa.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
CHICAGO BRIDGE & IRON WORKS, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book
Codd E. J. Co., 700 S Carolina, Baltimore, Md.
Cole R. D. Mfg. Co., Newnan, Ga.
Devine J. P. Co., Buffalo, N. Y.
ELYRIA ENAMELED PRODUCTS CO. THE, (Glass Enameled), Elyria, O.
See adv index at end of book
Hauser-Stander Tank Co., Cincinnati, O.
Littleford Bros., 444 E Pearl, Cincinnati, O.
McAleenan Bros. Co., 25th & A. V. R. R., Pittsburgh, Pa.
McDermott Bros. Co., Allentown, Pa.
Maddock John & Sons (White Vitreous or Porous Earthenware), Trenton, N. J.
Manitowoc Engineering Works, Manitowoc, Wis.
Petty J. K. & Co., Lebanon, Pa.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Springfield Boiler Co., Springfield, Ill.
Struthers-Wells Co., Warren, Pa.
See adv index at end of book
United States Stoneware Co. (Glazed Stoneware), Akron, O.
Walsh & Weidner Boiler Co., Chattanooga, Tenn. *See adv index at end of book*
Weeks Arthur J. (Stoneware), Akron, O.
Wilson Steam Boiler Co., Omaha, Nebr.

14744— *Tanks (Coal Tar)

Atlas Enginering Co., Amherst, O.
See adv index at end of book
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Chicago Bridge & Iron Works, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book
Scaife Wm. B. & Sons Co., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

14745—*Tanks (Cold Storage)

Atlas Enginering Co., Amherst, O.
See adv index at end of book
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
DOVER BOILER WORKS, Sales Office: 50 Church, New York. Works: Dover,
See adv index at end of book
Hammond Iron Works (Steel), Warren, Pa. *See adv index at end of book*
Scaife Wm. B. & Sons Co., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*

Tanks (Compressed Air)

See Tanks, Air Compressor

14746— Tanks (Condenser)

Abendroth G. Irving Co., 10 E 43d, New York
Atlas Enginering Co., Amherst, O.
See adv index at end of book
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Bovaird & Seyfang Mfg. Co., Bradford, Pa.
Case W. A. & Sons Mfg. Co., Buffalo, N. Y.
Columbiana Boiler Co., Columbiana, O.
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
Dover Boiler Works, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Frick Co., Waynesboro, Pa.
Graver Wm. Tank Works, East Chicago, Ind.
Heltzel Steel Form & Iron Co., Warren, O.
See adv index at end of book
Kittoe Boiler & Tank Co. (Inc.), Canton, Ohio
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.
Leetonia Boiler Co., Leetonia, O.
Leslie Elliott & Co., Paterson, N. J.
Manitowoc Engineering Works, Manitowoc, Wis.
New York Central Iron Wks. Co. Inc., Hagerstown, Md.
Petroleum Iron Works Co., Sharon, Pa.
Petty J. K. & Co., Lebanon, Pa.
Reeves Bros. Co., Alliance, O.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
Scaife Wm. B. & Sons Co., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Smith Samuel & Son Co., Paterson, N. J.
Standard Boiler & Plate Iron Co., Niles, Ohio
Tippett & Wood, Phillipsburg, N. J.
Topeka Steam Boiler Works, Topeka, Kan.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
United Iron Works Co., Kansas City, Mo.
Warren City Tank & Boiler Co., Warren, O.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Wilson Steam Boiler Co., Omaha, Neb.

14747—Tanks (Congealing & Freezing)

Brunswick Refrigerating Co., New Brunswick, N. J.
Scaife Wm. B. & Sons Co., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Southern Boiler & Tank Wks., Memphis, Tenn.
Walsh & Weidner Boiler Co., Chattanooga, Tenn. *See adv index at end of book*

14748— Tanks (Copper)

American Copper & Brass Works, Cincinnati, O.
Badger E. B. & Sons Co., 75 Pitts, Boston, Mass.
Deuel Chas. C. Co., Detroit, Mich.
Devine J. P. Co., Buffalo, N. Y.
GERDES & CO., 42 Church, New York
See adv index at end of book
Gerstein Bros. & Cooper, 3 W 3d, S Boston, Mass.
Huetteman & Cramer Co., Mack & Beaufalt, Detroit, Mich.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Kraft A. C., 323 W Lake, Chicago, Ill.
Randolph-Clowes Co., Waterbury, Conn.
Standard Water Systems Co. ("Tripure"), Hampton, N. J.
Stokes F. J. Machine Co. (For Chemical & Metallurgical Purposes), 17th & Cambria, Phila., Pa.
Trageser John Steam Copper Works, 447 W 26th, New York
Walker Henry L. Co., 197 Iroquois av Detroit, Mich.
Wilcox Engineering Co., 1525 Holland av, Saginaw, Mich.
Young Bros. Co., Detroit, Mich.

14749—*Tanks (Cottonseed Oil)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*

Tanks (Creosoting)

See Cylinders, Creosoting

14750— Tanks (Cyanide)

See also Tanks, Wood

Abendroth & Root Mfg. Co., Newburgn, N. Y.
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Atlas Enginering Co., Amherst, O.
See adv index at end of book
Baltimore Cooperage Co., The, cor Hanover & Creek, Baltimore, Md.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
Colorado Iron Works Co. (Steel), Denver, Colo.
Columbiana Boiler Co., Columbiana, O.
Dover Boiler Works, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
FABRICATED STEEL PRODUCTS CORPORATION, Box 300, Leetonia, O.
See adv index at end of book
Freeman Mfg. Co., Dept. O., Racine, Wis.
Graver Wm. Tank Works, East Chicago, Ind.
Hammond Iron Works, Warren, Pa.
See adv index at end of book
Hassell Iron Works Co., Colorado Springs, Colo.
Kittoe Boiler & Tank Co. (Inc.), Canton, Ohio
McDermott Bros. Co., Allentown, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Minneapolis Steel & Machinery Co., 29th & Drexel, Mineapolis, Minn.
New York Central Iron Wks. Co. Inc., Hagerstown, Md.
Pacific Tank & Pipe Co. (Wooden), 318 Market, San Francisco, Cal.
Petroleum Iron Works Co., Sharon, Pa.
Petty J. K. & Co., Lebanon, Pa.
Redwood Mfrs. Co. (Cal. Redwood), Hobart bldg, San Francisco, Cal.
Reeves Bros. Co., Alliance, O.
Rodgers Boiler & Burner Co., Muskegon, Mich.
Salt Lake Iron & Steel Co., Salt Lake City, Utah
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Standard Boiler & Plate Iron Co., Niles, Ohio
Struthers-Wells Co., Warren, Pa.
See adv index at end of book
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Warren City Tank & Boiler Co., Warren, Ohio
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

14751— Tanks (Cylindrical)

Abendroth & Root Mfg. Co., Newburgh, N. Y.
Atkinson W. H. Co., Hoboken, N. J.
Atlas Engineering Co., Amherst, O.
See adv index at end of book
Baltimore Cooperage Co., The, c Hanover & Creek, Baltimore, Md.
BEGGS, JAMES & CO., 30 Warren, New New York. *See adv index at end of book*
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Blaw-Knox Co., Farmers' Bank bldg, Pittsburg, Pa.
Bovaird & Seyfang Mfg. Co., Bradford, Pa.
Bowser S. F. & Co., Fort Wayne, Ind.
Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
California Corrugated Culvert Co. ("Calco"), Berkeley, Cal.
Case W. A. & Sons Mfg. Co., Buffalo, N. Y.
Chicago Bridge & Iron Works, 1319 W. 105th, Chicago, Ill.
For branch offices see adv index at end of book
Codd E. J. Co., 700 S Carolina, Baltimore, Md.
Cole R. D. Mfg. Co., Newman, Ga.
Columbiana Boiler Co., Columbiana, O.
DOVER BOILER WORKS, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Drake-Williams-Mount Co., Omaha, Neb.
Gerdes & Co., 42 Church, New York
See adv index at end of book

Graver Wm. Tank Works, E Chicago, Ind.
Hartley Boiler Works, Montgomery, Ala.
Hassell Iron Works Co., Colorado Springs, Colo.
Heggie James G. & Sons, Joliet, Ill.
Heltzel Steel Form & Iron Co., Warren, O.
See adv index at end of book
Ironton Punch & Snear Co., Ironton, O.
Kittoe Boiler & Tank Co. (Inc.), Canton, Ohio
Kraft A. C., 323 W Lake, Chicago, Ill.
Kretchmer Mfg. Co., Council Bluffs, Ia.
Lake Erie Boiler Works, Buffalo, N. Y.
Leetonia Boiler Co., Leetonia, O.
Lookout Boiler Mfg. Co., Chattanooga, Tenn.
McNaull Boiler Mfg. Co., Toledo, O.
Manitowoc Engineering Works, Manitowoc, Wis.
Meurer Steel Barrel Co. ("Anchor" Welded Seamless), 575 Flushing av, Brooklyn, N. Y.
Muskegon Boiler Works, Muskegon, Mich.
Nashville Bridge Co., Nashville, Tenn.
New York Central Iron Wks. Co. Inc., Hagerstown, Md.
Petty J. K. & Co., Lebanon, Pa.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Rodgers Boiler & Burner Co., Muskegon, Mich.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Solar Metal Products Co. (Steel), Columbus, Ohio
Southern Bridge Co., Birmingham, Ala.
Springfield Boiler Co., Springfield, Ill.
Standard Boiler & Plate Iron Co., Niles, Ohio
Star Tank Co., Goshen, Ind.
Struthers-Wells Co., Warren, Pa.
See adv index at end of book
Tippett & Wood, Phillipsburg, N. J.
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill
Turl Iron & Car Co. (Inc.), The, 50 Broad, New York. Works: Newburgh, N. Y.
United Iron Works Co., Kansas City, Mo.
Walsh & Weidner Boiler Co., Chattanooga, Tenn. *See adv index at end of book*
Warren City Tank & Boiler Co., Warren, Ohio
Western Drop Forge Co., P. O. Box 386, Marion, Ind.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Wilson Steam Boiler Co., Omaha, Neb.

Tanks (Cypress)

See Tanks, Wood

14752— Tanks (Dipping)

Atlas Engineering Co., Amherst, O.
See adv index at end of book
Beckman Bros., Des Moines, Ia.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Blanke W. F. Can & Mfg. Co., 116 Pine, St. Louis, Mo.
Bushnell Tank Works, Bushnell, Ill.
Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
Columbian Steel Tank Co. (Hog, Sheep, Cattle, etc.), New England bldg, Kansas City, Mo.
Columbiana Boiler Co., Columbiana, O.
Connery & Co., 2d & Luzerne, Phila., Pa.
Dover Boiler Works, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Dudley & Hanson, Lincoln, Neb.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
FABRICATED STEEL PRODUCTS CORPORATION, Box 300, Leetonia, O.
See adv index at end of book
Graver Wm. Tank Works, E Chicago, Ind.
Hubbard's Norman Sons (Safety for Furniture & Piano Makers' Metal Goods, Electric Fixtures, etc), 265 Water, Brooklyn, N. Y.
Kittoe Boiler & Tank Co. (Inc.), Canton, Ohio
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Kraft A. C., 323 W Lake, Chicago, Ill.
Kretchmer Mfg. Co., Council Bluffs, Ia.
Leetonia Boiler Co., Leetonia, O.
McNaull Boiler Mfg. Co., Toledo, O.
Manitowoc Engineering Works, Manitowoc, Wis.
Martin Metal Mfg. Co., Wichita, Kansas
Nebraska & Iowa Steel Tank Co. (Galvanized Steel), Omaha, Neb.
Perfection Metal Products Co., Topeka, Kan.
Petroleum Iron Works Co., Sharon, Pa.
Petty J. K. & Co., Lebanon, Pa.
Reeves Bros. Co., Alliance, O.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
Scaife Wm. B. & Sons Co., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
South Bend Spark Arrester Co., South Bend, Ind.
Star Tank Co., Goshen, Ind.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Warren City Tank & Boiler Co., Warren, Ohio
Welded Steel Barrel Corp., Hart av & Charlevoix, Detroit, Mich.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

14753—Tanks (Electro Platers')

General Ceramics Co. (Stoneware), 50 Church, New York
Sperry D. R. & Co., Batavia, Ill.
Welded Steel Barrel Corp. (Welded Steel), Hart av & Charlevoix, Detroit, Mich.

14753a—*Tanks (Enameled Storage)

ELYRIA ENAMELED PRODUCTS CO., Elyria, O. *See adv index at end of book*

14754— Tanks (Evaporator)

Baeuerle & Morris, 932 N Front, Phila., Pa.
Bethlehem Foundry & Machine Co., S Bethlehem, Pa.
Hammond Iron Works, Warren, Pa.
See adv index at end of book

14755— Tanks (Expansion)

Andrews Heating Co. ("Andrews"), Minneapolis, Minn.
Atlas Engineering Co., Amherst, O.
See adv index at end of book
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Case W. A. & Sons Mfg. Co., Buffalo, N. Y.
Cody Jos. & Sons, Peoria, Ill.
Columbiana Boiler Co., Columbiana, O.
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
Devine J. P. Co., Buffalo, N. Y.
Dover Boiler Works, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Drake-Williams-Mount Co., Omaha, Neb
Eastern Range Boiler & Welding Co. (Rivetless), Conshohocken, Pa.
Farrar & Trefts, Inc., Buffalo, N. Y.
Frost Mfg. Co., Galesburg, Ill.
Hibbs E. A., Bread & Quarry, Phila., Pa.
Hopson & Chapin Mfg. Co. (Cast Iron Automatic Feed), New London, Conn.
Horigan Supply Co., St. Joseph, Mo.
Koven L. O. & Bro. (And Anti-Expansion), 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Lawler Regulator Co. ("Lawler's" Automatic), **55 W Houston, New York**
Leetonia Boiler Co., Leetonia, O.
McNaull Boiler Mfg. Co., Toledo, O.
Manitowoc Engineering Works, Manitowoc, Wis.
Missouri Boiler & Sheet Iron Works, 23d & Poplin, St. Louis, Mo.
Mott J. L. Iron Works, Trenton, N. J.
Murray Iron Works Co., Burlington, Ia.
New York Central Iron Wks. Co. Inc., Hagerstown, Md.
Page Wm. H. Boiler Co., 141 W. 36th, New York
Penna. Range Boiler Co., 2024 N 10th, Phila., Pa.
Petty J. K. & Co., Lebanon, Pa.
Pressed Steel Tank Co., 58th & Greenfield av, Milwaukee, Wis.
Reeves Bros. Co., Alliance, O.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Springfield Boiler Co., Springfield, Ill.
Star Boiler Works, Clinton, Ia.
Struthers-Wells Co., Warren, Pa.
See adv index at end of book
Thompson Iron Works, 1825 Callowhill, Phila., Pa.
Trageser John Steam Copper Works, 477 W 26th, New York
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Tudor Boiler Mfg. Co., 715 3d, Cincinnati, O. G
Walker & Pratt Mfg. Co. (Galvanized Steel), 31 Union, Boston, Mass.
Warren City Tank & Boiler Co., Warren, O.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Wolff L. Mfg. Co., 111 N Dearborn, Chicago, Ill.
Wood John Mfg. Co. (Electric Welded Seamless), Conshohocken, Pa.

14756— Tanks (Faucet)

Chapin R. E. Mfg. Works (Galvanized), Batavia, N. Y.
Columbian Steel Tank Co. (Galvanized Steel), New England bldg., Kansas City, Mo.
Meurer Steel Barrel Co. ("Anchor" Welded Seamless), 575 Flushing av, Brooklyn, N. Y.
Nebraska & Iowa Steel Tank Co. (Galvanized Steel), Omaha, Neb.
New York Oil Cabinet Co. ("Wiley"), 103 Walker, New York
St. Louis Metalware Co. (& Oil), 2507 N B'way, St. Louis, Mo.
Sexton Can Co., 228 Franklin, Boston, Mass.

14757— Tanks (Filter)

Abendroth & Root Mfg. Co., Newburgh, N. Y.
American Water Softener Co., 10th & Chestnut, Phila., Pa.
Atlas Engineering Co., Amherst, O.
See adv index at end of book
Baltimore Cooperage Co., The (Wooden), cor Hanover & Creek, Baltimore, Md.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Bowser S. F. & Co., Ft. Wayne, Ind.
Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
Columbiana Boiler Co., Columbiana, O.
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
DOVER BOILER WORKS, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Drake-Williams-Mount Co., Omaha, Neb.
FABRICATED STEEL PRODUCTS CORPORATION, Box 300, Leetonia, O.
See adv index at end of book
Frick Co., Waynesboro, Pa.
Graver Wm. Tank Works, East Chicago, Ind.
Hammond Iron Works, Warren, Pa.
See adv index at end of book
Kittoe Boiler & Tank Co., Inc, Canton, O.
Koven L. O. & Bro, 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.
Leetonia Boiler Co., Leetonia, O.
Lookout Boiler Mfg. Co., Chattanooga, Tenn.
McDermottt Bros. Co., Allentown, Pa.
McNeil Boiler Co., 96 Crozier, Akron. O.
Manitowoc Engineering Works, Manitowoc, Wis.
Missouri Boiler & Sheet Iron Works, 23d & Poplin, St. Louis, Mo.
New York Central Iron Wks. Co., Inc., Hagerstown, Md.
Petroleum Iron Works Co., Sharon, Pa.
Quaker City Iron Works, Tioga & Edgemont, Phila., Pa.
Reeves Bros. Co., Alliance, O.
Richmond Water Softener Co., Richmond, Ind.
Ruemmeli-Dawley Mfg. Co., 3900 Chonteau av, St. Louis, Mo.
SCAIFE WM. B. & SONS, First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Sotter Bros., Pottstown, Pa.

TANKS (FILTER)—continued

Standard Boiler & Plate Iron Co., Niles, O.
Struther-Wells Co., Warren, Pa.
See adv index at end of book
Tippett & Wood, Phillipsburg, N. J.
Topeka Steam Boiler Works, Topeka, Kans.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Tudor Boiler Mfg. Co., 715 E 3d, Cincinnati, O.
Turl Iron & Car Co., Inc., The, 50 Broad, New York. Works: Newburgh, N. Y.
United Iron Works Co., Kansas City, Mo.
Walsh & Weidner Boiler Co., Chattanooga, Tenn. *See adv index at end of book*
Warren City Tank & Boiler Co., Warren, O.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

14758—Tanks (Fire Extinguisher)

Baltimore Cooperage Co., The, cor Hanover & Creek, Baltimore, Md.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Childs O. J. Co., Utica, N. Y.
Columbiana Boiler Co., Columbiana, O.
Hartley Boiler Works, Montgomery, Ala.
Kittoe Boiler & Tank Co. (Inc.), Canton, O.
Leetonia Boiler Co., Leetonia, O.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Pressed Steel Tank Co., 58th & Greenfield av, Milwaukee, Wis.
Reeves Bros. Co., Alliance, O.
Rex-Harris Fire Appliance Co., 39 E 19th, New York
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*

14759— Tanks (Fire Pail)

Hayward S. F. & Co., 250 W 54th, New York
Rowe A. C. & Son, 33 Reade, New York
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), ("Corco"), Wheeling, W. Va.

14760— Tanks (Flush)

Excel Mfg. Co. (Syphons for Sewage & Water), Pottersville, N. J.
Merritt Hydraulics Co. ("Merritt," Water Saving for Sewers), 110 N Broad, Phila., Pa.
Pacific Flush Tank Co. ("De La Hunt," also "Miller" Automatic Siphon for Flushing Sewers), 4241 Ravenswood av, Chicago, Ill.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
Stary Frank & Sons (Automatic Syphons), Cedar Rapids, Ia.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

14761— Tanks (Fuel Oil)

Abendroth & Root Mfg. Co., Newburgh, N. Y.
Atkinson W. H. Co., Hoboken, N. J.
Atlas Engineering Co., Amherst, O.
See adv index at end of book
Baltimore Cooperage Co., Cor Hanover & Creek, Baltimore, Md.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Blaw-Knox Co., Farmers' Bank bldg, Pittsburgh, Pa.
Buckeye Boiler Co., Dayton, O.
Butler Mfg. Co., Kansas City, Mo.
Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
CHICAGO BRIDGE & IRON WORKS, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book
Coatesville Boiler Works, Coatesville, Pa.
Codd E. J. Co., 700 S Carolina, Baltimore, Md.
Columbiana Boiler Co., Columbiana, O.
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
DOVER BOILER WORKS, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
FABRICATED STEEL PRODUCTS CORPORATION, Box 300, Leetonia, O.
See adv index at end of book
Freeman Mfg. Co., Racine, Wis.
Gerdes & Co., 42 Church, New York
See adv index at end of book
GILBERT & BARKER MFG. CO. ("Gilbert & Barker"), Springfield, Mass.
See adv index at end of book
Graver Wm. Tank Works, East Chicago, Ind.
Hammond Iron Works (Storage), Warren, Pa. *See adv index at end of book*
Hartley Boiler Works, Montgomery, Ala.
Kittoe Boiler & Tank Co. (Inc.), Canton, O.
Knox Pressed & Welded Steel Co., Pittsburgh, Pa.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Kraft A. C., 323 W Lake, Chicago, Ill.
Lappan Jas Mfg. Co., 20th & Pike, Pittsburgh, Pa.
Leetonia Boiler Co., Leetonia, O.
Littleford Bros., 444 E Pearl, Cincinnati, O.
Lookout Boiler Mfg. Co., Chattanooga, Tenn.
McAleenan Bros. Co., 25th & A. V. R. R., Pittsburgh, Pa.
McDermott Bros. Co., Allentown, Pa.
McNaull Boiler Mfg. Co., Toledo, O.
McNeil Boiler Co., 96 Crozier, Akron, O.
Manitowoc Engineering Works, Manitowoc, Wis.
Martin Metal Mfg. Co., Wichita, Kans.
Mertz John Mfg. Co., Sandusky, O.
See adv index at end of book
Perfection Metal Products Co., Topeka, Kan.
Petroleum Iron Works Co., Sharon, Pa.
Petty J. K. & Co., Lebanon, Pa.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Reeves Bros. Co., Alliance, O.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
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Southern Bridge Co., Birmingham, Ala.
Springfield Boiler Co., Springfield, Ill.
Star Tank Co. (Gal'd), Goshen, Ind.
Struthers-Wells Co., Warren, Pa.
See adv index at end of book
Tippett & Wood, Phillipsburg, N. J.
Toledo Metal Manufacturers Co., Michigan, Toledo, O. *See adv index at end of book*
Topeka Steam Boiler Works, Topeka, Kans.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Union Iron Works, Hoboken, N. J.
United Iron Works Co., Kansas City, Mo.
Walsh & Weidner Boiler Co., Chattanooga, Tenn. *See adv index at end of book*
Warren City Tank & Boiler Co., Warren, O.
Western Drop Forge Co., P. O. Box 386, Marion, Ind.
Wilson Steam Boiler Co., Omaha, Neb.

14762—Tanks (Galvanized Steel)

Abendroth & Root Mfg. Co., Newburgh, N. Y.
Aermotor Co., 1146 S Campbell av, Chicago, Ill.
Alamo Iron Works, San Antonio, Tex.
AMERICAN CAN CO., 120 Broadway, New York *See adv index at end of book*
Appleton Mfg. Co., Batavia, Ill.
Badger Steel Roofing Corrugating Co., La Crosse, Wis.
Baltimore Cooperage Co., The, cor Hanover & Creek, Baltimore, Md.
Barnes & Nuss Co., Frand Forks, N. D.
Beckman Bros., Des Moines, Ia.
Bowser S. F. & Co., Fort Wayne, Ind.
Buch's A. Sons Co., Elizabethtown, Pa.
Bushnell Tank Works (Stock & Storage), Bushnell, Ill.
Butler Co., Butler, Ind.
Butler Mfg. Co., Kansas City, Mo.
CALDWELL W. E. CO., Louisville, Ky.
See adv index at end of book
California Corrugated Culvert Co. ("Calco"), Berkeley, Cal.
Case W. A. & Sons Mfg. Co., Buffalo, N. Y.
Celina Mfg. Co., Celina, O.
Challenge Co., Batavia, Ill.
Chicago Steel Tank Co., 733 S Halsted, Chicago, Ill.
Clark W. J. Co., Salem, O.
Clippinger A. B. & Son Mfg. Co., Kansas City, Kans.
Columbian Steel Tank Co., New England bldg., Kansas City, Mo.
Columbiana Boiler Co., Columbiana, O.
Corrugated Metal Co. (Corrugated Stock, Storage, etc), Emporia, Kans.
Crawfordsville Wire & Nail Co., Crawfordsville, Ind.

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Dempster Mill Mfg. Co., Beatrice, Neb.
Detroit Range Boiler Co., 619 24th, Detroit, Mich.
Duluth Corrugating & Roofing Co., Duluth, Minn.
Duplex Mfg. Co., Superior, Wis.
East Birmingham Iron Roofing Co., Birmingham, Ala.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
FABRICATED STEEL PRODUCTS CORPORATION, Box 300, Leetonia, O.
See adv index at end of book
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Ferguson Mfg. Co., Dubuque, Ia.
Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.
Franklin Galvanized Ware Mfg. Co., Franklin, Ind.
Freeland B. F. Sons Co., Sturgis, Mich.
Friedley-Voshardt Co. (Inc.), (Also Iron), 733 S Halsted, Chicago, Ill.
Gedge Bros. Iron Roofing Co., Anderson, Ind.
Gehl Bros. Mfg. Co., West Bend, Wis.
Glor Bros. & Willis Mfg. Co., Attica, N. Y.
Graver Wm. Tank Works, East Chicago, Ind.
Greenville Mfg. Co., Greenville, O.
G. & D. Mfg. Co., Streator, Ill.
Harry Bros. Co. ("Harry's," Corrugated & "K.-DD." Galvanized Iron), Carr & I. C. R. R., New Orleans, La.
Harry Bros. Co. (Corrugated), Dallas, Tex
Harry O. K. Steel Co., 2333-35 Papin, St. Louis, Mo.
Harry O. K. Steel Works (Corrugated Stock, Storage, Railroads, Grain, Wagon, etc), Dallas, Texas
Hawkeye Pump Co., Fairfield, Ia.
Heller-Aller Co., Napoleon, O.
Heltzel Steel Form & Iron Co., Warren, O.
See adv index at end of book
Hunt & Dorman Mfg. Co (Iron Storage), **1600 E 24th, Cleveland, O.**
Iowa Wind Mill & Pump Co., Cedar Rapids, Ia.
Kalamazoo Tank & Silo Co., Kalamazoo, Mich.
Kelly Foundry & Machine Co., Goshen, Ind.
Kewanee Boiler Co., Kewanee, Ill.
KOVEN L. O. & BRO., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Kraft A. C., 323 W Lake, Chicago, Ill.
Kretchmer Mfg. Co., Council Bluffs, Ia.
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
McDermottt Bros. Co., Allentown, Pa.
Martin Metal Mfg. Co., Wichita, Kans.
Mast, Foos & Co., Springfield, O.
Messenger & Parks Mfg. Co. (Storage, Watering, etc), Aurora, Ill.
Meurer Steel Barrel Co. (Welded Seamless), 575 Flushing av, Brooklyn, N. Y.
Miller & Hoy Mfg. Co., Kendallville, Ind.
Missouri Boiler & Sheet Iron Works, 23d & Poplin, St. Louis, Mo.
Morrison Bros., Dubuque, Ia.
Muenzenmayer J. J. & W. F. (Iron Stock), Junction City, Kan.
National Boiler & Sheet Iron Works, Indianapolis, Ind.
Nebraska & Iowa Steel Tank Co., Omaha, Neb.
New York Central Iron Wks. Co., Inc., Hagerstown, Md.
New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La.
Niles Steel Tank Co., Niles, Mich.
North Dakota Metal Culvert Co., Fargo, N. D.
Northfield Iron Co., Northfield, Minn.
Oakes & Burger Co., Cattaraugus, N. Y.
Ohio Galvanizing & Mfg. Co. (Steel), Niles, Ohio
Panama Tank Co. (Corrugated), Carr av & I. C. R. R., New Orleans, La.
Penna. Furnace & Stove Co., Warren, Pa.
Perfection Metal Products Co., Topeka, Kans.
Perkins Wind Mill Co., Mishawaka, Ind.
Phelps & Bigelow Wind Mill Co., Kalamazoo, Mich.
Phillips & Buttorff Mfg. Co. (Iron), Nashville, Tenn.
Pidgeon-Thomas Iron Co., Memphis, Tenn.
Pioneer Mfg. Co., Middlebury, Ind.
Red King Co., Wauseon, O.
Richmond Water Softener Co., Richmond, Ind.
Ross Supply Co., Greenville, O.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
St. Louis Metalware Co., 2507 N B'way, St. Louis, Mo.
St. Paul Roofing Cornice & Ornament Co., West St. Paul, Minn.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Severence Tank & Silo Co., Lansing, Mich.
Sexton Can Co., 228 Franklin, Boston, Mass.
South Atlantic Blow Pipe & Sheet Metal (Iron), Savannah, Ga.
South Bend Spark Arrester Co., South Bend Ind.
Star Tank Co., Goshen, Ind.
Tokheim Mfg. Co., Cedar Rapids, Ia.
Trachte Bros. Co., Madison, Wis.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Vernier Mfg. Co., Cedar Rapids, Ia.
Warren City Tank & Boiler Co., Warren, Ohio
Waterloo Mfg. Co. (Stock, Storage, Creamery, etc), Waterloo, Ia.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Willcox Engineering Co., 1525 Holland av, Saginaw, Mich.
Woodmanse Mfg. Co., Freeport, Ill.

14763—Tanks (Garbage Wagon, Steel)

McDermott Bros. Co., Allentown, Pa.

14763a— *Tanks (Gas)

FABRICATED STEEL PRODUCTS CORP., Box 300, Leetonia, Ohio
See adv index at end of book

14764—Tanks (Gas Engine Cooling)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Bovaird & Seyfang Mfg. Co., Bradford, Pa.
Bushnell Tank Works, Bushnell, Ill.
Case W. A. & Sons Mfg. Co., Buffalo, N. Y.
Columbiana Boiler Co., Columbiana, O.
Dover Boiler Works, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Kraft A. C., 323 W Lake, Chicago, Ill.
Rodgers Boiler & Burner Co., Muskegon, Mich.
Roseland Can & Specialty Co., Rockford, Ill.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Sexton Can Co., 228 Franklin, Boston, Mass.
Struthers-Wells Co., Warren, Pa.
See adv index at end of book
Warren City Tank & Boiler Co., Warren, O.
Western Drop Forge Co., P. O. Box 386, Marion, Ind.

14765-6— Tanks (Gasoline)

Abendroth & Root Mfg. Co., Newburgh N. Y.
Air Tight Steel Tank Co. (Storage for Motor Cars, etc), **Gloster & B. & O. R. R., Pittsburgh, Pa.**
AMERICAN CAN CO. (Underground Storage), 120 Broadway, New York
See adv index at end of book
American Iron Works, Louisville, Ky.
American Oil Pump & Tank Co. (Underground Storage), Findlay & Dalton, Cincinnati, O.
Atkinson W. H. Co., Hoboken, N. J.
Atlas Engineering Co., Amherst, O.
See adv index at end of book
Baltimore Cooperage Co., cor Hanover & Creek, Baltimore, Md.
Beatrice Steel Tank Mfg. Co. ("Nu-way"), Beatrice, Neb.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Bovaird & Seyfang Mfg. Co., Bradford, Pa.
Bowser S. F. & Co. (Self-Measuring), Fort Wayne, Ind.
Buckeye Boiler Co. (Underground Storage), **Dayton, O.**
Burton W. J. Co. (Automobile), Junction & Federal, Detroit, Mich.
Bushnell Tank Works, Bushnell, Ill.
Butler Mfg. Co., Kansas City, Mo.
Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
Case J. I. Threshing Machine Co. (Portable), Racine, Wis.
Clayton & Lambert Mfg. Co. (Automobile), 205 Piquette av, E Detroit, Mich.
Coatesville Boiler Works, Coatesville, Pa.
Codd E. J. Co., 700 So. Caroline, Baltimore, Md.
Columbian Steel Tank Co. (Galvanized Steel), New England bldg, Kansas City, Mo.
Columbiana Boiler Co., Columbiana, O.
Detroit Range Boiler Co. (Galvanized), 619 24th, Detroit, Mich.
DOVER BOILER WORKS, Sales Office, 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
FABRICATED STEEL PRODUCTS CORPORATION, Box 300 Leetonia, O.
See adv index at end of book
Franklin Galvanized Ware Mfg. Co. (Galvanized), Franklin, Ind.
GILBERT & BARKER MFG. CO. ("Gilbert & Barker" Underground Storage), **Springfield, Mass.**
See adv index at end of book
Graver Wm. Tank Works, East Chicago, Ind.
Hamburg Boiler Works (Storage), Hamburg, Pa.
Heil Co., Milwaukee, Wis.
International Boiler Works Co., East Stroudsburg, Pa.
Kellogg W. M. Co. (Welded), 90 West, New York *See adv index at end of book*
Kelly Foundry & Machine Co., Goshen, Ind.
Kewanee Private Utilities Co. (Storage), Kewanee, Ill.
KNAPP ARTHUR ENGINEERING CORP., 30 Church, New York
See adv index at end of book
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Kraft A. C. ("Number Ten"), 323 W Lake, Chicago, Ill.
Kretchmer Mfg. Co., Council Bluffs, Ia.
Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.
Leader Iron Works, 201 Jasper, Decatur, Ill.
Leetonia Boiler Co., Leetonia, O.
Martin Metal Mfg. Co., Wichita, Kan.
Mertz John Mfg. Co., Sandusky, O.
See adv index at end of book

JOHN MERTZ MFG. CO.
SANDUSKY, OHIO
GASOLINE AND WATER TANKS,
EAVE TROUGHS, STOVE PIPES,
VENTILATORS, SKYLIGHTS

Meurer Steel Barrel Co. ("Anchor" Welded Seamless), 575 Flushing av, Brooklyn, N. Y.
Michigan Stamping Co., Detroit, Mich.
Morrison Bros., Dubuque, Ia.
National Enameling & Stamping Co. (Underground Storage), 1901 Light, Baltimore, Md.
Nebraska & Iowa Steel Tank Co. (Galvanized Steel), Omaha, Neb.
New York Central Iron Wks. Co., Inc., Hagerstown, Md.
Petroleum Iron Works Co., Sharon, Pa.
Petty J. K. & Co., Lebanon, Pa.
Pittsburgh-Des Moines Steel Co., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Pressed Steel Tank Co., 58th & Greenfield av, Milwaukee, Wis.
Produce Supply Co., Franklin, Pa.
Reeves Bros. Co., Alliance O.
Rodgers Boiler & Burner Co., Muskegon, Mich.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
Saginaw Sheet Metal Works, Saginaw, Mich.
St. Louis Metalware Co., 2507 N B'way, St. Louis, Mo.

TANKS (GASOLINE)—continued

SCAIFE WM. B. & SONS CO. (Storage, Launch, Underground, etc), First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
South Bend Spark Arrester Co. (Galvanized), South Bend, Ind.
Springfield Boiler Co., Springfield, Ill.
Star Tank Co. (Galv.), Goshen, Ind.
Tippett & Wood, Phillipsburg, N. J.
Tirrill Gas Machine Lighting Co., 103 Park av, New York
Tokheim Mfg. Co., Cedar Rapids, Ia.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See index at end of book*
Turl Iron & Car Co. (Inc.), The, 50 Broad, New York. Works: Newburgh, N. Y.
Walsh & Weidner Boiler Co., Chattanooga, Tenn. *See adv index at end of book*
Warren City Tank & Boiler Co., Warren, O.
Wayne Oil Tank & Pump Co., Fort Wayne, Ind.
Western Drop Forge Co., P. O. Box 386, Marion, Ind.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Wilson F. Cortez Co., 323 W Lake, Chicago, Ill.
Wilson Steam Boiler Co., Omaha, Neb.
Wood John Mfg. Co. (Electric Welded), Conshohocken, Pa.

Tanks (Glass Enameled Steel)

See Tanks, Steel, Glass Enameled

Tanks (Grain Elevator)

See Tanks, Grain Storage

14767—Tanks (Grain Storage)

Atlas Engineering Co., Amherst, O.
See adv index at end of book
Baltimore Cooperage Co., The, c Hanover & Creek, Baltimore, Md.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Blaw-Knox Co., Farmers Bk. Bldg, Pittsburgh, Pa.
Bros. Wm. Boiler & Mfg. Co., Nic Island, Minneapolis, Minn.
Bushnell Tank Works, Bushnell, Ill.
Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
California Corrugated Culvert Co. ("Calco"), Berkeley, Cal.
CHICAGO BRIDGE & IRON WORKS, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book
Columbiana Boiler Co., Columbiana, O.
DOVER-BOILER WORKS, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Fouts C. C. Co. ("Duro"), 650 Woodlawn av, Middletown, Ohio
Freeman Mfg. Co., Dept. O., Racine, Wis.
Guerber Engineering Co., Bethlehem, Pa.
HAMMOND IRON WORKS, Warren, Pa.
See adv index at end of book
Harry Bros. Co. ("Harry's," Corrugated Galvanized Iron), Carr av & I. C. R. R., New Orleans, La.
Heggie James G. & Sons, Joliet, Ill.
Kittoe Boiler & Tank Co. (Inc.), Canton, Ohio
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Kretchmer Mfg. Co., Council Bluffs, Ia.
Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.
Leetonia Boiler Co., Leetonia, O.
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
McDermott Bros. Co., Allentown, Pa.
McNaull Boiler Mfg. Co., Toledo, O.
McNeil Boiler Co., 96 Crozier, Akron, O.
Manitowoc Engineering Works, Manitowoc, Wis.
Martin Metal Mfg. Co., Wichita, Kansas
Michelmann Steel Construction Co., Quincy, Ill.
Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.
Nebraska & Iowa Steel Tank Co. (Galvanized Steel), Omaha, Neb.
Northfield Iron Co., Northfield, Minn.
Panama Tank Co. (Corrugated, Galvanized Steel), **Carr av & I. C. R. R., New Orleans, La.**
Petty J. K. & Co., Lebanon, Pa.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Pollock Wm. B. Co., Youngstown, O.
Riter-Conley Co., Pittsburgh, Pa.
Ruemmeli-Dawley Mfg. Co., 8900 Chouteau av, St. Louis, Mo.
St. Paul Roofing, Cornice & Ornament Co. (Galvanized Steel), W St. Paul, Minn.
Scaife Wm. B. & Sons Co., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Schaefer Mfg. Co., Birmingham, Ala.
Southern Boiler & Tank Works, Memphis, Tenn.
Springfield Boiler Co., Springfield, Ill.
Standard Boiler & Plate Iron Co., Niles, Ohio
Tippett & Wood, Phillipsburg, N. J.
Topeka Steam Boiler Works, Topeka, Kans.
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Tulsa Boiler & Machy. Co., Tulsa, Okla.
United Iron Works Co., Kansas City, Mo.
Walsh & Weidner Boiler Co., Chattanooga, Tenn. *See adv index at end of book*
Warren City Tank & Boiler Co., Warren, Ohio
Western Drop Forge Co., P. O. Box 386, Marion, Ind.
Western Iron & Foundry Co., Wichita, Kansas
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Wiederholdt Construction Co. ("Wiederholdt" System Reinforced Tile & Concrete), Old Bank of Commerce, St. Louis, Mo.
Wilson Steam Boiler Co., Omaha, Neb.

14767a—*Tanks (Gravity & Pressure Automatic Sprinkler System)

FABRICATED STEEL PRODUCTS CORP., Box 300, Leetonia, Ohio
See adv index at end of book

14768—Tanks (Hard Rubber)

American Hard Rubber Co. (For Chemical Plants, etc), 9 Mercer, New York

Tanks (High Pressure)

See Tanks, Pressure

14769— *Tanks (Hot Air)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

Tanks (Hot Water)

See Tanks, Steel, Hot Water Storage

14769a— *Tanks (Humidifier)

Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*

Tanks (Hydrogen & Oxygen)

See Cylinders, Hydrogen & Oxygen

14770—Tanks (Hydro-Pneumatic)

American Welding Co., Carbonadle, Pa.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Domestic Engine & Pump Co., Shippensburg, Pa.
Graver Wm. Tank Works, E Chicago, Ind.
Hartley Boiler Works, Montgomery, Ala.
Heggie James G. & Sons. Joliet, Ill.
International Boiler Works Co., East Stroudsburg, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Nagle Engine & Boiler Works, Erie, Pa.
Pennsylvania Boiler Works, Erie, Pa.
Petroleum Iron Works Co., Sharon, Pa.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Struthers-Wells Co., Warren, Pa.
See adv index at end of book
Toledo Metal Manufacturers Co., Michigan, Toledo, O.
See adv index at end of book

Tanks (Ice)

See Ice Tanks & Pans

14771—Tanks (Indurated Fibre)

Fibre Corporation, Lockport, N. Y.

Tanks (Iron)

See Tanks, Steel

14772— Tanks (Jacketed)

Atlas Engineering Co., Amherst, O.
See adv index at end of book
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Dover Boiler Works, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
FABRICATED STEEL PRODUCTS CORPORATION, Box 300, Leetonia, O.
See adv index at end of book
Gerdes & Co., 42 Church, New York
See adv index at end of book
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Manitowoc Engineering Works, Manitowoc, Wis.
Petty J. K. & Co., Lebanon, Pa.
Southern Boiler & Tank Works, **Memphis,** Tenn.
Struthers-Wells Co., Warren, Pa.
See adv index at end of book
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Walsh & Weidner Boiler Co., Chattanooga, Tenn. *See adv index at end of book*
Western Drop Forge Co., P. O. Box 386, Marion, Ind.

14773—Tanks (Knock-Down)

Atlas Engineering Co., Amherst, O.
See adv index at end of book
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Butler Mfg. Co., Kansas City, Mo.
California Corrugated Culvert Co. ("Calco"), Berkeley, Cal.
Codd E. J. Co., 700 So. Caroline, Baltimore, Md.
Ferguson Mfg. Co., Dubuque, Ia.
Fouts C. C. Co. ("Duro"), 650 Woodlawn av, Middletown, O.
Graver Wm., Tank Works, East Chicago, Ind.
Harry Bros. Co. ("Harry's," Galvanized Iron), Carr av & I. C. R. R., New Orleans, La.
Kelly Foundry & Machine Co., Goshen, Ind.
Klauer Mfg. Co. (Galvanized), Dubuque, Ia.
Kretchmer Mfg. Co. (Galvanized or Steel), Council Bluffs, Ia.
Littleford Bros., 444 E Pearl, Cincinnati, O.
Lookout Boiler Mfg. Co., Chattanooga, Tenn.
Manitowoc Engineering Works, Manitowoc, Wis.
Martin Metal Mfg. Co., Wichita, Kans.
Nebraska & Iowa Steel Tank Co. (Galvanized Steel), Omaha, Neb.
Perfection Metal Products Co., Topeka, Kans.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Southern Boiler & Tank Wks., Memphis, Tenn.
Star Tank Co. (Galv.), Goshen, Ind.
Trachte Bros. Co., Madison, Wis.
Walsh & Weidner Boiler Co., Chattanooga, Tenn. *See adv index at end of book*
Wilson Steam Boiler Co., Omaha, Nebr.

14774— Tanks (Lead)

Badger E. B. & Sons Co. (Also Lead Lined), 75 Pitts, Boston, Mass.
Chadwick-Boston Lead Co., Boston, Mass.
Struthers-Wells Co., Warren, Pa.
See adv index at end of book

14775— Tanks (Lead or Copper Lined)

Acme Tank Co. (lead), 59 Cortlandt, New York
Badger E. B. & Sons Co., 75 Pitts, Boston, Mass.
Chadwick-Boston Lead Co., 162 Congress, Boston, Mass.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Hauser-Stander Tank Co. (Lead Lined), Cincinnati, O.

14776—Tanks (Lighting System)

Best Light Co., 477 Second N E, Canton, O.
Carbic Mfg. Co., 301 S 55th av, Duluth, Minn.
Case W. A. & Sons Mfg. Co., Buffalo, N. Y.
Dover Boiler Works, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Federal Pressed Steel Co., Keefe av & North Pierce, Milwaukee, Wis.
Pressed Steel Tank Co., 58th & Greenfield av, Milwaukee, Wis.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

14776a—*Tanks (Locomotive Service)

Chicago Bridge & Iron Works, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book

14777— Tanks (Lubricating Oil Storage)

See also Cabinets, Oil

AMERICAN CAN CO., 120 Broadway, New York *See adv index at end of book*
American Oil Pump & Tank Co. (With Self-Measuring Pump, etc), Findlay & Dalton, Cincinnati, O.
Atlas Engineering Co., Amherst, O.
See adv index at end of book
Beman Automatic Oil Can Co. ("Beman"), Meadville, Pa.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Blanke W. F. Can & Mfg. Co., 116 Pine, St. Louis, Mo.
Bowser S. F. & Co., Fort Wayne, Ind.
Butler Mfg. Co., Kansas City, Mo.
Cement Stave Silo Co., Des Moines, Ia.
Columbian Steel Tank Co. (Galvanized Steel), New England bldg, Kansas City, Mo.
Columbiana Boiler Co., Columbiana, O.
Delphos Mfg. Co. (Non-Overflowing), 1st & Pierce, Delphos, O.
Drake-Williams-Mount Co., Omaha, Neb.
Eastern Oil Tank Co. (Underground, etc., Fitted With Self-Measuring Pump), Lowell, Mass.
Graver Wm. Tank Works, East Chicago, Ind.
Heggie James G. & Sons, Joliet, Ill.
Kittoe Boiler & Tank Co. (Inc.), Canton, Ohio
Kraft A. C. ("Number Nine," "W. & E.," "Aztec" & "Zetroc"), 323 W Lake, Chicago, Ill.
Leetonia Boiler Co., Leetonia, O.
McDermottt Bros. Co., Allentown, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Meurer Steel Barrel Co. ("Anchor" Welded Seamless), 575 Flushing av, Brooklyn, N. Y.
Milwaukee Tank Works ("Milwaukee," "Kant Leek"), 851 Kinnickinnic av, Milwaukee, Wis.
Missouri Boiler & Sheet Iron Works, 23d & Poplin, St. Louis, Mo.
Ocean Shore Iron Works, 550 8th, San Francisco, Cal.
Petty J. K. & Co., Lebanon, Pa.
Pittsburgh-Des Moines Steel Co., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Pittsburgh Gage & Supply Co. ("White Star"), 30th & Liberty av, Pittsburgh, Pa.
Reummeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
St. Louis Metalware Co., 2507 N. B'way, St. Louis, Mo.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Sexton Can Co. ("Sexton's" Adjustable), 228 Franklin, Boston, Mass.
Southern Boiler & Tank Works, Memphis, Tenn.
Star Tank Co. (Galv.), Goshen, Ind.
Struthers-Wells Co., Warren, Pa.
See adv index at end of book
Tokheim Mfg. Co. (Dry Cleaners & Paint Oils), Cedar Rapids, Ia.
Toledo Metal Manufacturers Co., Michigan, Toledo, O.
See adv index at end of book
Trachte Bros. Co., Madison, Wis.
Treadwell M. H. Co., of Ill., 208 S La Salle, Chicago, Ill.
Turner Oil Filter Co. ("Turner"), Niles, Mich.
Vac Liquid Equipment Co., Cedar Rapids, Ia.
Wall P. Mfg. & Supply Co., 705 Preble av, Pittsburgh, Pa.

14778— *Tanks (Milk)

ELYRIA ENAMELED PRODUCTS CO., THE (Glass Enameled), Elyria, O.
See adv index at end of book

14778a— Tanks (Mixing)

Atlas Engineering Co., Amherst, O.
See adv index at end of book
Baltimore Cooperage Co., The (Wooden Mixing), cor Hanover & Creek, Baltimore, Md.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Bowser S. F. & Co., Ft. Wayne, Ind.
CALDWELL W. E. CO., Louisville, Ky.
See adv index at end of book
Codd E. J. Co., 700 So. Caroline, Baltimore, Md.
Columbiana Boiler Co., Columbiana, O.
Devine J. P. Co., Buffalo, N. Y.
Dover Boiler Works, Sales Offices: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
FABRICATED STEEL PRODUCTS CORP., Box 300, Leetonia, O.
See adv index at end of book
Gerdes & Co., 42 Church, New York
See adv index at end of book
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Graver Wm. Tank Works, East Chicago, Ind.
Hammond Iron Works, Warren, Pa.
See adv index at end of book
Heggie James G. & Sons, Joliet, Ill.
JOHNSON JOHN CO., 203 37th, Brooklyn, N. Y.
Kittoe Boiler & Tank Co. (Inc.), Canton, O.
Koven L. O. & Bro. (Square & Deep), 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Kraft A. C., 323 W Lake, Chicago, Ill.
Leetonia Boiler Co., Leetonia, O.
Leslie Elliott & Co., Paterson, N. J.
McDermott Bros. Co., Allentown, Pa.
McNaull Boiler Mfg. Co., Toledo, O.
Manitowoc Engineering Works, Manitowoc, Wis.
New York Central Iron Wks. Co., Inc., Hagerstown, Md.
Scaife Wm. B. & Sons Co., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Smith Samuel & Son Co., Paterson, N. J.
Struthers-Wells Co., Warren, Pa.
See adv index at end of book
TURL IRON & CAR CO. (INC.), THE, 50 Broad, New York. Works: Newburgh, N. Y.
Warren City Tank & Boiler Co., Warren, O.
Werner & Pfleiderer Co., 1232 N Niagara, Saginaw, Mich.
See adv index at end of book
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

14779— Tanks (Molasses)

Atlas Engineering Co., Amherst, O.
See adv index at end of book
Baltimore Cooperage Co., The, c Hanover & Creek, Baltimore, Md.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Bovaird & Seyfang Mfg. Co., Bradford, Pa.
CHICAGO BRIDGE & IRON WORKS, 1319 W. 105th, Chicago, Ill.
For branch offices see adv index at end of book
Columbiana Boiler Co., Columbiana, O.
Connery & Co., 2d & Luzerne, Phila., Pa.
DOVER BOILER WORKS. Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Gerdes & Co., 42 Church, New York.
See adv index at end of book
Graver Wm. Tank Works, East Chicago, Ind.
HAMMOND IRON WORKS, Warren, Pa.
See adv index at end of book
Harry Bros. Co. ("Harry's," Corrugated Galvanized Iron), Carr av & I. C. R. R., New Orleans, La.
Kittoe Boiler & Tank Co. (Inc.), Canton, O.
Kraft A. C., 323 W Lake, Chicago, Ill.
Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.
Leetonia Boiler Co., Leetonia, O.
Leslie Elliott & Co., Paterson, N. J.
Littleford Bros., 444 E Pearl, Cincinnati, O.
Lookout Boiler Mfg. Co., Chattanooga, Tenn.
McDermottt Bros. Co., Allentown, Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Missouri Boiler & Sheet Iron Works, 23rd & Poplin, St. Louis, Mo.
Petroleum Iron Works Co., Sharon, Pa.
Petty J. K. & Co., Lebanon, Pa.
Pittsburgh-Des Moines Steel Co., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Reeves Bros. Co., Alliance, O.
Rodgers Boiler & Burner Co., Muskegon, Mich.
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See adv index at end of book
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Southern Boiler & Tank Works, Memphis, Tenn.
Standard Boiler & Plate Iron Co., Niles, O.
Struthers-Wells Co., Warren, Pa.
See adv index at end of book
Tippett & Wood, Phillipsburg, N. J.
Trachte Bros. Co., Madison, Wis.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
TURL IRON & CAR CO. (INC.), THE, 50 Broad, New York. Works: Newburgh, N. Y.
WALSH & WEIDNER BOILER CO., Chattanooga, Tenn.
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Warren City Tank & Boiler Co., Warren, O.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Wilson Steam Boiler Co., Omaha, Neb.

14780—*Tanks (Molasses Heating)

BIGGS BOILER WORKS CO., Case & Williams, Akron, O.
See adv index at end of book

14781—*Tanks (Motor Boat)

SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

14781a— *Tanks (Mounted on Wheels)

Gerdes & Co., 42 Church, New York.
See adv index at end of book

14782— *Tanks (Muffle)

Dover Boiler Works. Sales Office. 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

14783— *Tanks (Naphtha)

Atlas Engineering Co., Amherst, O.
See adv index at end of book
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O
See adv index at end of book
CHICAGO BRIDGE & IRON WORKS, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book
Pittsburgh-Des Moines Steel Co., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Struthers-Wells Co., Warren, Pa.
See adv index at end of book

14784—Tanks (Oil Storage)

See also Tanks, Lubricating Oil Storage

Abendroth & Root Mfg. Co., Newburgh, N. Y.
American Bridge Co., 30 Church, New York
AMERICAN CAN CO., 120 Broadway, New York *See adv index at end of book*
American Welding Co., Carbondale, Pa.
Atlas Engineering Co., Amherst, O.
See adv index at end of book
Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
Bass Foundry & Machine Co., Ft. Wayne, Ind.
Beatrice Steel Tank Mfg. Co. ("Nu-way"), Beatrice, Neb.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Black Sivalls & Bryson, Bartlesville, Okla.
Bovaird & Seyfang Mfg. Co., Bradford, Pa.
Bowser S. F. & Co. (Paint Lpbricants), Fort Wayne, Ind.
Buckeye Boiler Co., Dayton, O.
Bushnell Tank Works (Steel & Wood), Bushnell, Ill.
Butler Mfg. Co., Kansas City, Mo.
CALDWELL W. E. CO. (500 to 100,000 Gallons), Louisville, Ky.
See adv index at end of book
California Corrugated Culvert Co. ("Calco"), Berkeley, Cal.
Casey-Hedges Co., Chattanooga, Tenn.
CHICAGO BRIDGE & IRON WORKS, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book
Chicago Steel Tank Co., 733 S Halsted, Chicago, Ill.
Codd E. J. Co., 700 So. Caroline, Baltimore, Md.
Columbian Steel Tank Co. (Galvanized Steel), New England bldg., Kansas City, Mo.
Columbiana Boiler Co., Columbiana, O.
Connelly D. Boiler Co. ("Connelly" Oil Transportation), Ivanhoe rd and N. Y. & St. L. R. R., Cleveland, O.
Connery & Co., 2d & Luzerne, Phila., Pa.
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
Cruse-Kemper Co., Ambler, Pa.
Davis Welding & Mfg. Co., 1543 Queen City av, Cincinnati, O.
Deily & Fowler Mfg. Co., 39 Laurel, Phila., Pa.
Delphos Mfg. Co. (Non-Overflowing), 1st & Pierce, Delphos, O.
DOVER BOILER WORKS, Sales Office: 50 Church, New York: Works: Dover, N. J. *See adv index at end of book*
Downingtown Iron Wks., East Downingtown, Pa.
Drake-Williams-Mount Co., Omaha, Neb.
Eastern Oil Tank Co., Lowell, Mass.
FABRICATED STEEL PRODUCTS CORPORATION, Box 300, Leetonia, O.
See adv index at end of book
Farrar & Trefts, Inc., Buffalo, N. Y.
Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.
Freeman Mfg. Co., Racine, Wis.
Gas Machinery Co., 1900 Euclid av, Cleveland, O.
GILBERT & BARKER MFG. CO. ("Gilbert & Barker"), Springfield, Mass.
See adv index at end of book
Graver Wm. Tank Works, E Chicago, Ind.
HAMMOND IRON WORKS, Warren, Pa.
See adv index at end of book
Harry Bros. Co. ("Harry's," Corrugated Galvanized Iron), Carr av & I. C. R. R., New Orleans, La.
Hartley Boiler Works, Montgomery, Ala.
Hauser-Standard Tank Co. (Hot Oil), Cincinnati, O.
Heggie James G. & Sons, Joliet, Ill.
International Boiler Works Co., East Stroudsburg, Pa.
Kellogg M. W. Co. (Welded), 90 West, New York. *See adv index at end of book*
Kewanee Boiler Co., Kewanee, Ill.
Kittoe Boiler & Tank Co. (Inc.), Canton, Ohio
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book.*
Kraft A. C., 323 W Lake, Chicago, Ill.
Kretchmer Mfg. Co., Council Bluffs, Ia.
Lacy Mfg. Co., Los Angeles, Cal.
Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.
Leetonia Boiler Co., Leetonia, O.
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Lookout Boiler Mfg. Co., Chattanooga, Tenn.
McDermott Bros. Co., Allentown, Pa.
McNaull Boiler Mfg. Co., Toledo, O.
McNeil Boiler Co., 96 Crozier, Akron, O.
Manitowoc Engineering Works, Manitowoc, Wis.
Meurer Steel Barrel Co. ("Anchor" Welded Seamless), 575 Flushing av, Brooklyn, N. Y.
Missouri Boiler & Sheet Iron Works, 23d & Poplin, St. Louis, Mo.
Monarch Enginering & Mfg. Co., American bldg, Baltimore, Md.
Morrison Bros., Dubuque, Ia.
Nashville Bridge Co., Nashville, Tenn.
National Supply Co. (Fuel Oil Storage), 416 W Grand av, Chicago, Ill.
New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La.
New York Central Iron Wks. Co., Inc., Hagerstown, Md.

NUGENT, WM. W. & CO., 146 W. Superior, Chicago, Ill.
See adv index at end of book

Ocean Shore Iron Wks, 556 8th, San Francisco, Cal.

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See adv index at end of book
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Producers' Supply Co., Franklin, Pa.
Puget Sound Boiler Works, Seattle, Wash.
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Riter-Conley Co. (Steel), Pittsburgh, Pa.
Rockwell W. S. Co. (Cylindrical Style), 50 Church, New York
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St. Louis Metalware Co., 2507 N B'way, St. Louis, Mo.
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Sexton Can Co. ("Sexton"), 228 Franklin, Boston, Mass.
Shotwell Pump & Tank Co., 21 N Alabama, Indianapolis, Ind.
Southern Bridge Co., Birmingham, Ala.
Standard Boiler & Plate Iron Co., Niles, O.
Standard Tank Co., 115 Park row, New York
Star Tank Co. (Galvanized), Goshen, Ind.
Struthers-Wells Co., Warren, Pa.
See adv index at end of book
Teachout H. E. Boiler Works, E 37th & Erie R. R., Cleveland, O.
Tippett & Wood, Phillipsburg, N. J.
Toledo Metal Manufacturers Co., Michigan, Toledo, O. *See adv index at end of book.*
Tokheim Mfg. Co., Cedar Rapids, Ia.
Topeka Steam Boiler Works, Topeka, Kans.
Trachte Bros. Co., Madison, Wis.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
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Tudor Boiler Mfg. Co., 715 E 3d, Cincinnati, O.
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United Iron Works Co., Kansas City, Mo.
WALSH & WEIDNER BOILER CO., Chattanooga, Tenn.
See adv index at end of book
Warren City Tank & Boiler Co., Warren, Ohio
Wayne Oil Tank & Pump Co., Fort Wayne, Ind.
Welded Steel Barrel Corp., Hart av & Charlevoix, Detroit, Mich.
Western Drop Forge Co., P. O. Box 386, Marion, Ind.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Wilson Steam Boiler Co., Omaha, Neb.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

14785-6—Tanks (Oil Wagon)

California Corrugated Culvert Co. ("Calco"), Berkeley, Cal.
Graver Wm. Tank Works, E Chicago, Ind.
Heil Company (Welded Delivery), 26th & Montana avs, Milwaukee, Wis.
Kretchmer Mfg. Co., Council Bluffs, Ia.
Littleford Bros., 444 E Pearl, Cincinnati, O.
Welded Steel Barrel Corp., Hart av & Charlevoix, Detroit, Mich.

Tanks (Oxygen)

See Cylinders, Hydrogen & Oxegen

14787—Tanks (Pneumatic Water)

Atlas Engineering Co., Amherst O.
See adv index at end of book
Baltimore Cooperage Co., The, c Hanover & Creek, Baltimore, Md.
Beckman Bros., Des Moines, Ia.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Bovaird & Seyfang Mfg. Co., Bradford, Pa.
Bremen Mfg. Co., Bremen, O.
Buckeye Boiler Co., Dayton, O.
Case W. A. & Sons Mfg. Co., Buffalo, N. Y.
CHICAGO BRIDGE & IRON WORKS, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book
DOVER BOILER WORKS, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
FABRICATED STEEL PRODUCTS CORPORATION, Box 300, Leetonia, O.
See adv index at end of book
Ft. Wayne Engng. & Mfg. Co., Ft. Wayne, Ind.
Hamburg Boiler Works, Hamburg, Pa.
Hartley Boiler Works, Montgomery, Ala.
Heil Company, 26th & Montana aves, Milwaukee, Wis.
Heller-Aller Co., Napoleon, O.
Kelly Mfg. Co., Bucyrus. O.
Kewanee Private Utilities Co. ("Kewanee"), West Side, Kewanee, Ill.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.
Leader Iron Works, 201 Jasper, Decatur, Ill.
Leetonia Boiler Co., Leetonia, O.
Manitowoc Engineering Works, Manitowoc, Wis.
Michelmann Steel Construction Co., Quincy, Ill.
Milwaukee Reliance Boiler Works, 1102 32d, Milwaukee, Wis.
Missouri Boiler & Sheet Iron Works, 23d Papin, St. Louis, Mo.
Morrison Bros., Dubuque, Ia.
National Steel Tank & Mfg. Co., Bradford, Ill.
New York Central Iron Works Co., Inc., Hagerstown, Md.
Pacific Pump & Supply Co., 853 Folson, San Francisco, Cal.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Roberts-Hamilton Co., 413 S 4th, Minneapolis, Minn.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., and 26 Cortlandt, New York
See adv index at end of book
Tippett & Wood, Phillipsburg, N. J.
Toledo Metal Manufacturers Co., Michigan, Toledo, O. *See adv index at end of book.*
Walsh & Weidner Boiler Co., Chattanooga, Tenn. *See adv index at end of book.*
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
WESTINGHOUSE AIR BRAKE CO., Pittsburgh, Pa.
Wilson Steam Boiler Co., Omaha, Neb.

14788—Tanks (Pressed Steel)

Federal Pressed Steel Co., Keefe & North Pierce, Milwaukee, Wis.
Heltzel Steel Form & Iron Co., Warren, O.
See adv index at end of book
Nortmann-Duffke Foundry Co., 27th av, Milwaukee, Wis.
Ocean Shore Iron Works, 550 8th San Francisco, Cal.
Pressed Steel Tank Co., 58th & Greenfield av, Milwaukee, Wis.

14789— Tanks (Pressure)

Abendroth & Root Mfg. Co., Newburgh, N. Y.
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
American Welding Co. (Seamless Welded, For High Pressure), Carbondale, Pa.
Atlas Engineering Co., Amherst, O.
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Baltimore Cooperage Co., The (Wood), cor Hanover & Creek, Baltimore, Md.
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Beckman Bros., Des Moines, Ia.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
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Bovaird & Seyfang Mfg. Co., Bradford, Pa.
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Gerdes & Co., 42 Church, New York
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International Boiler Works Co., East Stroudsburg, Pa.
Iowa Steel & Iron Works, Cedar Rapids, Iowa
Kewanee Boiler Co., Kewanee, Ill.
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Leader Iron Works, 201 Jasper, Decatur, Ill.
Leetonia Boiler Co., Leetonia, O.
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Lookout Boiler Mfg. Co., Chattanooga, Tenn.
McAleenan Bros. Co., 25th & A. V. R. R., Pittsburgh, Pa.
McDermott Bros. Co., Allentown, Pa.
McNaull Boiler Mfg. Co., Toledo, O.
Michelmann Steel Construction Co., Quincy, Ill.
Milwaukee Reliance Boiler Works, 1102 32d, Milwaukee, Wis.
Missouri Boiler & Sheet Iron Works, 23d & Papin, St. Louis, Mo.
Muskegon Boiler Works, Muskegon, Mich.
Nagle Engine & Boiler Works, Erie, Pa.
Nashville Bridge Co., Nashville, Tenn.
National Steel Tank & Mfg. Co., Bradford, Ill.
New York Central Iron Works Co., Inc., Hagerstown, Md.
Ocean Shore Iron Works, 550 8th, San Francisco, Cal.
Ohio Machine & Boiler Co., 1501 University rd, Cleveland, O.
Petroleum Iron Works Co., Sharon, Pa.
Petty J. K. & Co., Lebanon, Pa.
Pittsburgs-Des Moines Steel Co., 4th & Ross, Pittsburgh, Pa.
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Quaker City Iron Works, Tioga & Edgemont, Phila., Pa.
Reeves Bros. Co., Alliance, O.
Rodgers Boiler & Burner Co., Muskegon, Mich.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
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Springfield Boiler Co., Springfield, Ill.
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Standard Tank Co., 15 Park Row, New York
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Welded Steel Barrel Corp., Hart av & Charlevoix, Detroit, Mich.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Wilson Steam Boiler Co., Omaha, Neb.
Wood John Mfg. Co. (Electric Welded, Conshohocken, Pa.

14789a— *Tanks (Pulp)

Chicago Bridge & Iron Works, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book

14790—Tanks (Railroad Water)

Atlas Engineering Co., Amherst, O.
See adv index at end of book
Baltimore Cooperage Co., The, cor Hanover & Creek, Baltimore, Md.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Bovaird & Seyfang Mfg. Co., Bradford, Pa.
Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
Challenge Co., Batavia, Ill.
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Columbiana Boiler Co., Columbiana, O.
Connery & Co., 2d & Luzerne, Phila., Pa.
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
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Hammond Iron Works, Warren, Pa.
See adv index at end of book
Hartley Boiler Works, Montgomery, Ala.
Heggie James G. & Sons, Joliet, Ill.
Heine Chimney Co., The, (Reinforced Concrete), 123 W Madison, Chicago, Ill.
Kalamazoo Ry. Supply Co., Kalamazoo, Mich.
Kittoe Boiler & Tank Co., Inc., Canton, O.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
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Leetonia Boiler Co., Leetonia, O.
Lookout Boiler Mfg. Co., Chattanooga, Tenn.
Petroleum Iron Works Co., Sharon, Pa.
Petty J. K. & Co., Lebanon, Pa.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Reeves Bros. Co., Alliance, O.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
SCAIFE WM. B. & SONS CO., First National Bank bldg., Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Southern Boiler & Tank Works, Memphis, Tenn.
Tippett & Wood, Phillipsburg, N. J.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Warren City Tank & Boiler Co., Warren, Ohio
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

14790a—Tanks (Reinforced Concrete)

Heine Chimney Co., The, 123 W Madison, Chicago, Ill.

14790b— Tanks (Rectangular)

FABRICATED STEEL PRODUCTS CORPORATION, Box 300, Leetonia, Ohio
See adv index at end of book

14791— Tanks (Rendering)

Allbright-Nell Co., 5323 Western blvd, Chicago, Ill.
Atlas Engineering Co., Amherst, O.
See adv index at end of book
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Bovaird & Seyfang Mfg. Co., Bradford, Pa.
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Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
Cambridge Iron Works, Cambridge, Mass.
Columbiana Boiler Co., Columbiana, O.
Dover Boiler Works, Sales Offices: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Graver Wm. Tank Works, East Chicago, Ind.
Hammond Iron Works, Warren, Pa.
See adv index at end of book
Hartley Boiler Works, Montgomery, Ala.
Heggie James G. & Sons, Joliet, Ill.
Heller-Aller Co. (For Lard, Tallow, etc), Napoleon, O.
Kellogg M. W. Co. (Welded), 90 West, New York *See adv index at end of book*
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Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.
Leetonia Boiler Co., Leetonia, O.
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Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Lookout Boiler Mfg. Co., Chattanooga, Tenn.
McDermott Bros. Co., Allentown, Pa.
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Manitowoc Engineering Works, Manitowoc, Wis.
Missouri Boiler & Sheet Iron Works, 23d & Papin, St. Louis, Mo.
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Petroleum Iron Works Co., Sharon, Pa.
Petty J. K. & Co., Lebanon, Pa.
Reeves Bros. Co., Alliance, O.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
Scaife Wm. B. & Sons Co., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
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Southern Boiler & Tank Works, Memphis, Tenn.
Springfield Boiler Co., Springfield, Ill.
Standard Boiler & Plate Iron Co., Niles, Ohio
Tippett & Wood, Phillipsburg, N. J.
Topeka Steam Boiler Works, Topeka, Kans.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
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Tudor Boiler Mfg. Co., 715 E 3d, Cincinnati, O.
Union Iron Works, Hoboken, N. J.
Walsh & Weidner Boiler Co., Chattanooga, Tenn. *See adv index at end of book*
Warren City Tank & Boiler Co., Warren, O.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Wilson Steam Boiler Co., Omaha, Neb.

14791a— *Tanks (Riveted)

Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book

14792—*Tanks (Rubber Cement)

BIGGS BOILER WORKS CO., Case av. & Williams, Akron, O.
See adv index at end of book

14793—*Tanks (Sand Storage)

Atlas Engineering Co., Amherst, O.
See adv index at end of book
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Chicago Bridge & Iron Works, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book

DOVER BOILER WORKS, Sales Office, 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Hammond Iron Works, Warren, Pa. *See adv index at end of book*
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*

14793a—*Tanks (Seamless One-Piece Glass Enameled)

Elyria Enameled Products Co., Elyria, O. *See adv index at end of book*

14794-5—Tanks (Seamless Steel)

ELYRIA ENAMELED PRODUCTS CO. (Vitreous Enameled), Elyria, O. *See adv index at end of book*
Federal Pressed Steel Co., Keefe av & N Pierce, Milwaukee, Wis.
Janney, Steinmetz & Co., 1421 Chestnut, Phila., Pa.
Manitowoc Engineering Works, Manitowoc, Wis.
Meurer Steel Barrel Co. ("Anchor" Brand Seamless), 575 Flushing av, Brooklyn, N. Y.
National Tube Co., Frick bldg, Pittsburgh, Pa.
Pressed Steel Tank Co. (Also Seamless Cylinders), 58th & Greenfield av, Milwaukee, Wis.
Scaife Wm. B. & Sons Co., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York *See adv index at end of book*

14796-7— Tanks (Sectional

Butler Mfg. Co., Kansas City, Mo.
FABRICATED STEEL PRODUCTS CORPORATION, Box 300, Leetonia, Ohio *See adv index at end of book*
Kretchmer Mfg. Co. (Iron or Steel), Council Bluffs, Ia.
Manitowoc Engineering Works, Manitowoc, Wis.
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Stuart & Peterson Co. (Porcelain Lined or Plain Iron), Burlington, N. J.

14798—Tanks (Septic, for Sewage Disposal)

Andrews Heating Co. (Steel), Minneapolis, Minn.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O. *See adv index at end of book*
Blackmer & Post Pipe Co. (Salt Glazed Vitrified), Boatmen's Bank bldg, St. Louis, Mo.
Cameron Septic Tank Co., Monadnock blk, Chicago, Ill.
Cement Products Co., Wilmington, N. C.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Merritt Hydraulics Co., 110 N Broad, Phila., Pa.
Roberts-Hamilton Co., 413 S 4th, Minneapolis, Minn.
U. S. Sanitary Septic Tank Co., Memphis, Tenn.

14799—Tanks (Settling & Pulp Thickening)

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Galigher Machinery Co. ("Callow" for Mines), Salt Lake City, Utah
Manitowoc Engineering Works, Manitowoc, Wis.

14800-1—Tanks (Sheep Dipping)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O. *See adv index at end of book*
Caldwell W. E. Co., Louisville, Ky. *See adv index at end of book*
Chicago Steel Tank Co., 733 S Halsted, Chicago, Ill.
Edwards Mfg. Co., Cincinnati, O. *See adv index at end of book*
Heltzel Steel Form & Iron Co., Warren, Ohio *See adv index at end of book*
Kelly Foundry & Machine Co., Goshen, Ind.
Kretchmer Mfg. Co., Council Bluffs, Ia.
Nebraska & Iowa Steel Tank Co. (Galvanized Steel), Omaha, Neb.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
Star Tank Co. (Galvanized), Goshen, Ind.

Tanks (Slate)

See Slate Tanks

14802— Tanks (Slurry)

Atlas Engineering Co., Amherst, O. *See adv index at end of book*
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Columbiana Boiler Co., Columbiana, O.
Dover Boiler Works, Sales Office, 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Graver Wm. Tank Works, East Chicago, Ind.
Manitowoc Engineering Works, Manitowoc, Wis.
Reeves Bros. Co., Alliance, O.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
United Iron Works Co. (For Cement Plants for Mixing Shale, etc.), Kansas City, Mo.

14803-4— *Tanks (Soap)

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Dover Boiler Works, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Hammond Iron Works, Warren, Pa. *See adv index at end of book*
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Struthers-Wells Co., Warren, Pa. *See adv index at end of book*
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*

14805— Tanks (Sprinkler)

American Welding Co., Carbondale, Pa.
Atlas Engineering Co., Amherst, Ohio *See adv index at end of book*
Baltimore Cooperage Co. The, c Hanover & Creek, Baltimore, Md.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O. *See adv index at end of book*
CALDWELL W. E. CO., Louisville, Ky. *See adv index at end of book*
Challenge Co., Batavia, Ill.
Cole R. D. Mfg. Co., Newnan, Ga.
Connery & Co., 2d & Luzerne, Phila., Pa.
Downingtown Iron Works, East Downingtown, Pa.
Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.
Graver Wm. Tank Works, East Chicago, Ind.
Hartley Boiler Works, Montgomery, Ala.
Heggie James G. & Sons, Joliet, Ill.
Kittoe Boiler & Tank Co., Inc., Canton, O.
Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.
Missouri Boiler & Sheet Iron Works, 23rd & Paplin, St. Louis, Mo.
Muskegon Boiler Works, Muskegon, Mich.
Nashville Bridge Co., Nashville, Tenn.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa. *See adv index at end of book*
Rodgers Boiler & Burner Co., Muskegon, Mich.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Courtlandt, New York *See adv index at end of book*
Sims Co., 18th & Whitley av, Erie, Pa.
Southern Boiler & Tank Works, Memphis, Tenn.
Tudor Boiler Mfg. Co., 715 E 3d, Cincinnati, O.
Walsh & Weidner Boiler Co., Chattanooga, Tenn. *See adv index at end of book*

14806— Tanks (Steel)

Abell-Howe Co., 332 S Michigan av, Chicago, Ill. *See adv index at end of book*
Abendroth & Root Mfg. Co., Newburgh, N. Y.
Aermotor Co. (Steel Only), 1146 S Campbell av, Chicago, Ill.
Air-Tight Steel Tank Co., Gloster & B. & O. R. R., Pittsburgh, Pa.
Allentown Boiler Works, Allentown, Pa.
American Bridge Co., 30 Church, New York
American Iron Works, Louisville, Ky.
American Welding Co. (Lap-Welded), Carbondale, Pa.
Atlas Engineering Co., Amherst, O. *See adv index at end of book*
Aurora Steel Tank Co., 10 W Illinois, Chicago, Ill.
Badger Steel Roofing & Corrugating Co., La Crosse, Wis.
Baltimore Cooperage Co., The, c Hanover & Creek, Baltimore, Md.
Bartlett A. F. & Co., Saginaw, Mich.
Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
Bass Foundry & Machine Co., Ft. Wayne, Ind.
Beatrice Steel Tank Mfg. Co. ("Nu-way"), Beatrice, Neb.
Beckley Perforating Co., Garwood, N. J.
BEGGS, JAMES & CO., 30 Warren, New York. *See adv index at end of book*
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O. *See adv index at end of book*
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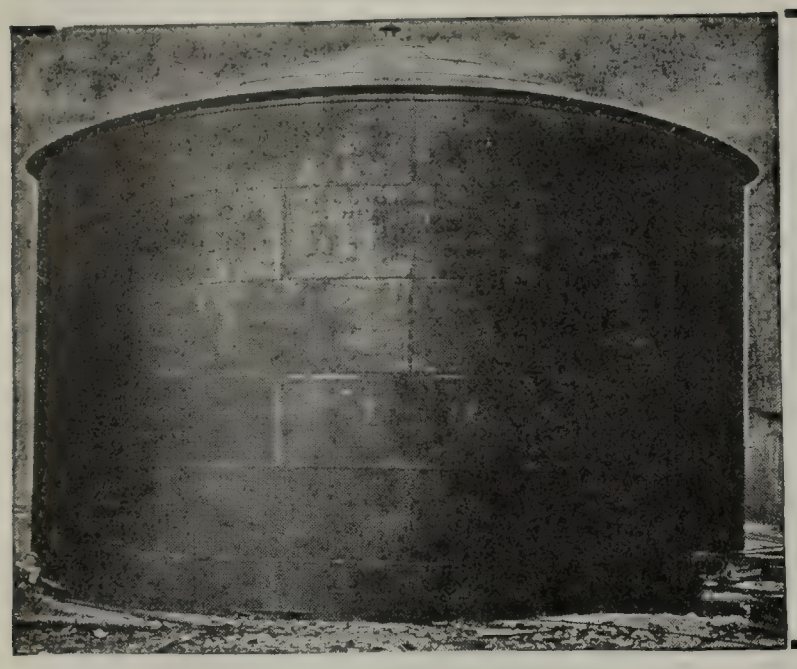

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Casey-Hedges Co., Chattanooga, Tenn.
Cathell Bros. & Co., Lawrence & E Fort av, Baltimore, Md.
Cave Welding & Mfg. Co. (Welded to Specifications), 32 Liberty, Springfield, Mass.
Central Boiler Works, 3rd & Congress, Detroit, Mich.
Chattanooga Boiler & Tank Co., Chattanooga, Tenn.
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Codd E. J. Co., 700 So. Caroline, Baltimore, Md.
Cole R. D. Mfg. Co., Newnan, Ga.
COLONIAL SUPPLY CO. (also Wood), 217 Water, Pittsburgh, Pa.
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Columbiana Boiler Co., Columbiana, O.
Columbus Steam Boiler & Heater Co., Columbus, O.
Connellsville Iron Works, Connellsville, Pa.
Connery & Co., 2d & Luzerne, Phila., Pa
Cox & Sons Co., 5th & Chestnut, Phila., Pa
Crook H. E. Co., Inc., 28 Light, Baltimore, Md.
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Daly M. J. & Sons, Waterbury, Conn.
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FARRAR & TREFTS (INC.), Buffalo, N. Y.
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Franklin Machine & Steam Boiler Works, 88 Quay, Brooklyn, N. Y.
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Freeman Mfg. Co., Dept. O., Racine, Wis.
Gels & Bichler, St. Joseph, Mo.
Geneva Boiler Works, Geneva, N. Y.
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Gillie Machine Co., Tonawanda, N. Y.
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Gravers & Marshall Co., Dayton, O.
Hamburg Boiler Works, Hamburg, Pa.
Hamler Boiler & Tank Co., 3906 S Halsted, Chicago, Ill.
HAMMOND IRON WORKS, ("Hamondtank"), Warren, Pa.
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Hartley Boiler Works, Montgomery, Ala.
Hassell Iron Works Co., Colorado Springs, Colo,
Heggie James G. & Sons, Joliet, Ill.
Heil Company, 26th & Montana avs, Milwaukee, Wis.
Heilman Boiler Works, Allentown, Pa.
Hendrick Mfg. Co., Carbondale, Pa.
Hennessy Dennis, Syracuse, N. Y.
Heltzel Steel Form & Iron Co., Warren, O.
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Hodge Boiler Works, 99 Sumner, East Boston, Mass.
Honhorst Joseph Co., 1016 W 6th, Cincinnati, O.
International Engng. Wks., Framingham, Mass.
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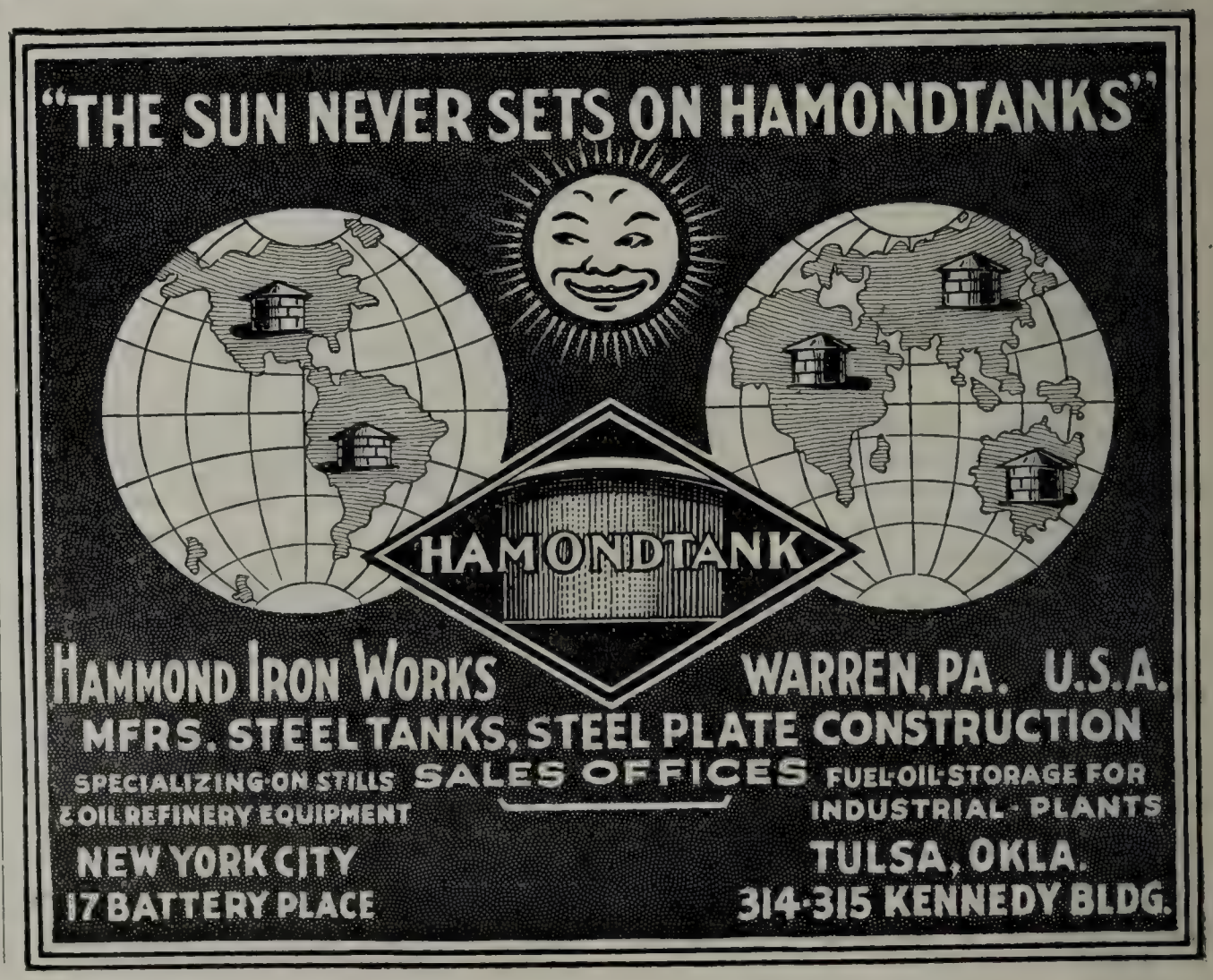

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Optenberg Iron Works Co., Sheboygan, Wis.
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Pacific Tank & Pipe Co., 318 Market, San Francisco, Cal.
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Petroleum Iron Works Co., Sharon, Pa.
Petty J. K. & Co., St. Girard bldg, Phila., **Pa. Works: Lebanon, Pa.**
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Speirs Bros., New London, Conn.
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Springfield Boiler Co., Springfield, Ill.
Stacey Bros. Gas Construction Co., Sta P., Cincinnati, O.
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Standard Boiler Works, Seattle, Wash.
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Titusville Iron Co., Titusville, Pa.
Tofte Boiler & Sheet Iron Wks, Houston, Texas
Tokheim Mfg. Co., Cedar Rapids, Ia.
Toledo Metal Manufacturers Co., Michigan, Toledo, O.
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Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
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Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
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Waterloo Mfg. Co., Waterloo, Ia.
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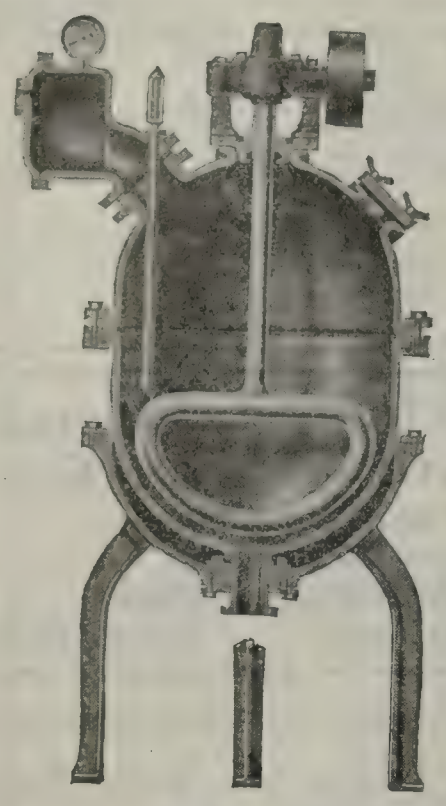
Wilson Steam Boiler Co., Omaha, Neb.
Wilson W. A. Machine Co., Rochester, N. Y.
Worden-Allen Co., P. O. Box 528, Milwaukee, Wis.
Young Bros. Co., Detroit, Mich.

14807—Tanks (Steel Enameled)

ELYRIA ENAMELED PRODUCTS CO., (Acid Resistant), Elyria, O.
See adv index at end of book



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Pittsburgh, 1237 Oliver Building **San Francisco, 16 California Street**
Los Angeles, 1104 Baker-Detwiler Building

14808—Tanks (Steel, Glass Enameled)

Detroit Steel Cooperage Works (Also Chip Casks, Fermenting Tubs, etc), Detroit, Mich.
ELYRIA ENAMELED PRODUCTS CO., Elyria, O. *See adv index at end of book*
Pfaulder Co., Cutler bldg, Rochester, N. Y.

Tanks (Steel, Glass Lined)

See Tanks, Steel, Glass Enameled

14808a— *Tanks (Steel, High Pressure)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Scaife Wm. B. & Sons Co., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Struthers-Wells Co., Warren, Pa.
See adv index at end of book
Toledo Metal Manufacturers Co., Michigan, Toledo, O.
See adv index at end of book

14809—Tanks (Steel, Hot Water Storage)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Bovaird & Seyfang Mfg. Co., Bradford, Pa.
Buckeye Boiler Co., Dayton, O.
Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
CHICAGO BRIDGE & IRON WORKS, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book
Columbiana Boiler Co., Columbiana, O.
Dover Boiler Works, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Franklin Machine & Steam Boiler Works, 88 Quay, Brooklyn, N. Y.
Graver Wm. Tank Works, East Chicago, Ind.
Hamburg Boiler Works, Hamburg, Pa.
Hammond Iron Works, Warren, Pa.
See adv index at end of book
Hartley Boiler Works, Montgomery, Ala.
Heggie James G. & Sons, Joliet, Ill.
Heltzel Steel Form & Iron Co., Warren, Ohio *See adv index at end of book*
Kast Copper & Sheet Iron Co. (For Breweries), 91 Main, Buffalo, N. Y.
Kewanee Boiler Co., Kewanee, Ill.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Milwaukee Reliance Boiler Works, 1102 32d, Milwaukee, Wis.
Missouri Boiler & Sheet Iron Works, 23d & Papin, St. Louis, Mo.
Patterson Kelley Co., 26 Cortlandt, New York
Petty J. K. & Co., Lebanon, Pa.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Rodgers Boiler & Burner Co., Muskegon, Mich.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Skinner & Arnold, Albany, N. Y.
Southern Boiler & Tank Works, Memphis, Tenn.
Struthers-Wells Co., Warren, Pa.
See adv index at end of book
Toledo Metal Manufacturers Co., Michigan, Toledo, Ohio
See adv index at end of book
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Treadwell M. H. Co., 140 Cedar, New York
United Iron Works Co., Kansas City, Mo.
Walsh & Weidner Boiler Co., Chattanooga, Tenn. *See adv index at end of book*
Warren City Tank & Boiler Co., Warren, Ohio
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

14809a—*Tanks (Steel, One-Piece)

ELYRIA ENAMELED PRODUCTS CO., Elyria, O.
See adv index at end of book

14810—Tanks (Storage, Etc.)

American Iron Works, Louisville, Ky.
Atlas Engineering Co., Amherst, O.
See adv index at end of book

When writing to firms listed in this Book please mention

Hendricks' Commercial Register

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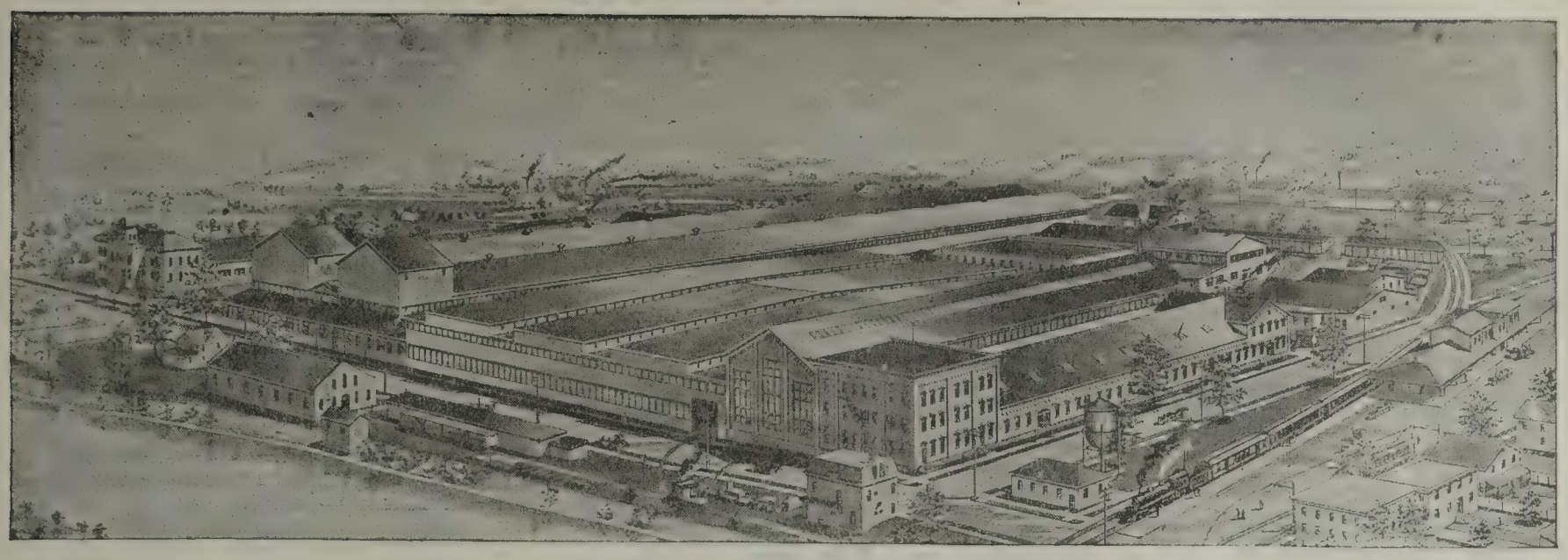

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FOR VACUUM
FOR PRESSURE

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Wood Alcohol Plants
Turpentine Plants
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STRUTHERS-WELLS COMPANY

WARREN, PENNA.

New York Office:
50 Church Street

Baltimore Cooperage Co., The, c Hanover & Creek, Baltimore, Md.
Bass Foundry & Machine Co., Ft. Wayne, Ind.
Beckman Bros. (Steel & Wood), Des Moines, Ia.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Black, Sivalls & Bryson, Bartlesville, Okla.
Blaw-Knox Co., Farmers Bank bldg, Pittsburgh, Pa.
Bovaird & Seyfang Mfg. Co., Bradford, Pa.
Bowser S. F. & Co., Ft. Wayne, Ind.
Buckeye Boiler Co., Dayton, O.
Bushnell Tank Works, Bushnell, Ill.
Butler Mfg. Co., Kansas City, Mo.
Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
California Corrugated Culvert Co. ("Calco"), Berkeley, Cal.
Case W. A. &. Sons Mfg. Co., Buffalo, N. Y.
Cement Stave Silo Co. (Water Storage), Des Moines. Ia.
CHICAGO BRIDGE & IRON WORKS, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book
Clarke J. Q. Tank Co. (Underground), Crawfordsville, Ind.
Codd E. J. Co., 700 So. Caroline, Baltimore, Md.
Cole R. D. Mfg. Co., Newman, Ga.
Columbian Steel Co. (Galvanized Steel), New England bldg, Kansas City, Mo.
Columbiana Boiler Co., Columbiana, O.
Connelly D. Boiler Co., Ivanhoe rd & N. Y. & St. L. R. R., Cleveland, O.
Connery & Co., 2d & Luzerne, Phila., Pa.
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
Davis Welding & Mfg. Co., 1543 Queen City av, Cincinnati, O.
Devine J. P. Co., Buffalo, N. Y.
DOVER BOILER WORKS, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Downingtown Iron Works, East Downingtown, Pa.
Drake-Williams-Mount Co., Omaha, Neb.
Erie City Iron Works, Erie, Pa.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Farrar & Trefts, Inc., Buffalo, N. Y.
Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.
Freeman Mfg. Co., Dept. O., Racine, Wis.
Gedge Bros. Iron Roofing Co. (Galvanized Steel), Anderson, Ind.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Gerstein Bros. & Cooper (Copper), 3 W 3d, S. Boston, Mass.
GILBERT & BARKER MFG. CO. ("Gilbert & Barker" Underground Storage), Springfield, Mass.
See adv index at end of book
Graver Wm. Tank Works, E Chicago, Ind.
Gravers & Marshall Co., Dayton, O.
Hammond Iron Works (Steel), Warren, Pa. *See adv index at end of book*
Harry Bros. Co. ("Harry's" Corrugated Galvanized Iron), Carr av & I. C. R. R., New Orleans, La.
Hartley Boiler Works, Montgomery, Ala.
Heggie James G. & Sons, Joliet, Ill.
Heil Company, 26th & Montana avs, Milwaukee, Wis.
International Boiler Works Co., East Stroudsburg, Pa.
Ironton Punch & Shear Co., Ironton, O.
Kellogg M. W. Co. (Welded), 90 West, New York *See adv index at end of book*
Kewanee Boiler Co., Kewanee, Ill.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
See adv index at end of book
Kretchmer Mfg. Co., Council Bluffs, Ia.
Lake Erie Boiler Works, Buffalo, N. Y.
Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.
Leetonia Boiler Co., Leetonia, O.
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Lookout Boiler Mfg. Co., Chattanooga, Tenn.
McDermott Bros. Co., Allentown, Pa.
McNaull Boiler & Mfg. Co., Toledo, O.
Manitowoc Engineering Works, Manitowoc, Wis.
Martin Metal Mfg. Co., Wichita, Kansas
Meehan Boiler & Construction Co., Lowellville, O.
Michelmann Steel Construction Co., Quincy, Ill.
Missouri Boiler & Sheet Iron Works, 23d & Papin, St. Louis, Mo.
Monarch Mfg. Co. (Underground), Council Bluffs, Ia.
Morrison Bros., Dubuque, Ia.
Murphy & Walsh, Pekin, Ill.
Muskegon Boiler Works, Muskegon, Mich.
Nashville Bridge Co., Nashville, Tenn.
National Boiler & Sheet Iron Works, Indianapolis, Ind.
Nebraska & Iowa Steel Tank Co. (Galvanized Steel), Omaha, Neb.
New York Central Iron Works Co., Inc., Hagerstown, Md.
O'Brien John Boiler Works Co., 11th & Mullanphy, St. Louis, Mo.
Ohio Corrugating Co., Warren, Ohio
Perfection Metal Products Co., Topeka, Kan.
Perkins Wind Mill Co., Mishawaka, Ind.
Petty J. K. & Co., Lebanon, Pa.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Quaker City Iron Works, Tioga & Richmond, Phila., Pa.
Reeves Bros. Co., Alliance, O.
Reummeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
Rodgers Boiler & Burner Co., Muskegon, Mich.
S. F. K. Steel Barrel Co., 7930 Jones rd, Cleveland, O.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortland, New York
See adv index at end of book
Schofield's J. S. Sons Co., Macon, Ga.
Sims Co. (Steel), 18th & Whitley av, Erie, Pa.
Skinner & Arnold, Albany, N. Y.
Sotter Bros., Pottstown, Pa.
Southern Boiler & Tank Works, Memphis, Tenn.

TANKS (STORAGE)—continued

Southern Bridge Co., Birmingham, Ala.
Springfield Boiler Co., Springfield, Ill.
Star Tank Co. (Galvanized), Goshen, Ind.
Struthers-Wells Co., Warren, Pa.
See adv index at end of book
Tank Equipment Co., 501 5th av, New York
Tippett & Wood, Phillipsburg, N. J.
Tolhurst Machine Works, Troy, N. Y.
Topeka Steam Boiler Works, Topeka, Kans.
TREADWELL CONSTRUCTION CO. (Steel), Midland, Pa.
See adv index at end of book
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Union Iron Works, Hoboken, N. J.
United Iron Works Co., Kansas City, Mo.
Vernier Mfg. Co. (Steel) Cedar Rapids, Ia.
Walsh & Weidner Boiler Co., Chattanooga, Tenn. *See adv index at end of book*
Warren City Tank & Boiler Co., Warren, Ohio
Welded Steel Barrel Corp., Hart av & Charlevoix, Detroit, Mich.
Western Drop Forge Co., P. O. Box 386, Marion, Ind.
Western Iron & Fdry. Co., Wichita, Kans.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Wilcox Engineering Co., 1525 Holland av, Saginaw, Mich.
Wilson Steam Boiler Co., Omaha, Neb.
Wood John Mfg. Co. (Electric Welded), Conshohocken, Pa.

14811—Tanks (Sugar House)

Abendroth & Root Mfg. Co., Newburgh, N. Y.
Atlas Engineering Co., Amherst, O.
See adv index at end of book
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
Columbiana Boiler Co., Columbiana, O.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Graver Wm. Tank Works, East Chicago, Ind.
Heggie James G. & Sons, Joliet, Ill.
Kittoe Boiler & Tank Co., Inc., Canton, O.
Leetonia Boiler Co., Leetonia, O.
McNaull Boiler Mfg. Co., Toledo, O.
Manitowoc Engineering Works, Manitowoc, Wis.
Pittsburgh-Des Moines Steel Co., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Rodgers Boiler & Burner Co., Muskegon, Mich.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
SCAIFE WM. B. & SONS CO. First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
TURL IRON & CAR CO. (INC.), THE, 50 Broad, New York. Works: Newburgh, N. Y.
Walsh & Weidner Boiler Co., Chattanooga, Tenn. *See adv index at end of book*

14811a— *Tanks (Surge)

Chicago Bridge & Iron Works, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book

14812— Tanks (Tanners')

Atlas Engineering Co., Amherst, O.
See adv index at end of book
Baltimore Cooperage Co., The, cor Hanover & Creek, Baltimore, Md.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
CALDWELL W. E. CO., Louisville, Ky.
See adv index at end of book
Farrar & Trefts, Inc., Buffalo, N. Y.
Freeman Mfg. Co., Dept. O, Racine, Wis.
Kittoe Boiler & Tank Co., Canton, O.
Kretchmer Mfg. Co. (Wood), Council Bluffs, Ia.
Leetonia Boiler Co., Leetonia, O.
McNaull Boiler Mfg. Co., Toledo, O.
Missouri Boiler & Sheet Iron Works, 23d & Poplin, St. Louis, Mo.
Rodgers Boiler & Burner Co., Muskegon, Mich.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
Walsh & Weidner Boiler Co., Chattanooga, Tenn. *See adv index at end of book*

14813—*Tanks (Tar, Ammonia Liquor)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Chicago Bridge & Iron Works, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book
Dover Boiler Works. Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
SCAIFE WM. B. & SONS CO. (Tar Tanks), First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

Tanks (Tender)

See Tanks, Locomotive Tender

14814—Tanks (Thresher, Steel)

South Bend Spark Arrester Co. (Galvanized), South Bend, Ind.
Star Tank Co., Goshen, Ind.

Tanks (Transportation)

See Tanks, Car

14815— Tanks (Turpentine)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Chicago Bridge & Iron Works, 1319 W 105th, Chicago, Ill.
For branch offices see Alphabetical Section
Graver Wm. Tank Works, East Chicago, Ind.
Hartley Boiler Works, Montgomery, Ala.
Petroleum Iron Works Co., Sharon, Pa.
Scaife Wm. B. & Sons Co., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

14816— *Tanks (Varnish)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Leetonia Boiler Co., Leetonia, O.
Scaife Wm. B. & Sons Co., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Struthers-Wells Co., Warren, Pa.
See adv index at end of book

14817—*Tanks (Vulcanizing)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*

14818— Tanks (Wagon)

Badger Steel Roofing & Corrugating Co., La Crosse, Wis.
California Corrugated Culvert Co. ("Calco" for Water), Berkeley, Cal.
Franklin Galvanized Ware Mfg. Co. (Galvanized Steel), Franklin, Ind.
Heltzel Steel Form & Iron Co., Warren, Ohio *See adv index at end of book*
Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.
Missouri Boiler & Sheet Iron Works, 23d & Paplin, St. Louis, Mo.
Morrison Bros., Dubuque, Ia.

14819—Tanks (Water Closet)

See also Plumbers' Woodwork

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Vitreous China; also Wood), Washing-
American Sanitary Works ("B. O. T."
B R E Mfg. Co. ("B R E" Wood), Hyde Park, Mass.
Bailey-Farrell Mfg. Co. (Steel), 3rd av & Ross, Pittsburgh, Pa.
Becker Mfg. Co., Marietta, O.
Blairsville Sanitary Co. ("America" Enameled Iron), Blairsville, Pa.
Church C. F. Mfg. Co. ("White Pyralin"), Holyoke, Mass.
Columbus Brass Co. (All Metal), 538 Dublin av, Columbus, O.
See adv index at end of book
Coyne & Delany Co. ("C. & D.," Safety, Locking Tank & Ball Cock), 832 Kent av, Brooklyn, N. Y.
Eichman J. C. Mfg. ("Clover"), Bush & Wicomico, Baltimore, Md.
Enameled Tank Co. (White Porcelain Enameled Iron), Kalamazoo, Mich.
Fleck Bros. Co. (Vitreous China), 44 N 5th, Phila., Pa.
Galard Co. ("Omaha"), 335 6th av, Newark, N. J.

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Humphryes Mfg. Co. (Porcelain Enameled Low & High Pattern), Mansfield, O.
Jensen's Factory Store, Evansville, Ind.
Keeley Jas. J. (Sheet Iron), Jackson, Mich.
Koven I. O. & Bro. (Antomatic Flush), 154 Ogden av, Jersey City, N. J.
See adv index at end of book
McVay-Walker Co. (Enameled Iron), Braddock, Pa.
Miller Chas. A. Co. (Low-Down & High Tank, Wood & White Porcelain, All Steel) Sturgis, Mich.
Mineral Products Co. ("Xyno" Stone), Rhinelander, Wis.
Ramsay Andrew Co., Mt. Savage, Md.
Sanisteel Co. ("Sanisteel"), 1200 Niagara, Buffalo, N. Y.
SCAIFE WM. B. & SONS CO. (Steel), First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Shwab Bros. Co., 811 E 9th, New York
Standard Sanitary Mfg. Co. (Enameled Iron), Bessemer bldg, Pittsburgh, Pa.
Teahen James M. ("Vitro"), Detroit, Mich.
Trenton Potteries Co. ("Impervio," Vitreous China), Trenton, N. J.
Van Arnam Mfg. Co. ("Van-Or-Co."), Fort Wayne, Ind.
Wallace C. D. & Co., Arrott bldg, Pittsburgh, Pa.
Young Joseph H. Co. ("Boston Fore & After Wash," Automatic), 82 High, Boston, Mass.

14820—Tanks (Water, Mounted on Wheels)

Acme Road Machinery Co. (For Steam Rollermen & Others), Frankfort, N. Y.
Appleton Mfg. Co., Batavia, Ill.
Aultman & Taylor Machinery Co., Mansfield, O.
Baltimore Cooperage Co. The, c Hanover & Creek, Baltimore, Md.
Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
Case J. I. Threshing Machine Co., Racine, Wis.
Gerdes & Co., 42 Church, New York.
See adv index at end of book
Huber Mfg. Co., Marion, O.
Kelly Foundry & Machine Co., Goshen, Ind.
Koven L. O. & Bro. 154 Ogden av, Jersey City, N. J. *See adv index at end of book.*
Kretchmer Mfg. Co., Council Bluffs, Ia.
Nichols & Shepard Co. (Wood & Steel), Battle Creek, Mich.
Perkins Wind Mill Co., Mishawaka, Ind.
Rumely Leo Tractor Co., La Porte, Ind.
Sotter Bros., Pottstown, Pa.
Swayne, Robinson & Co., Richmond, Ind.

14821—*Tanks (Water Storage)

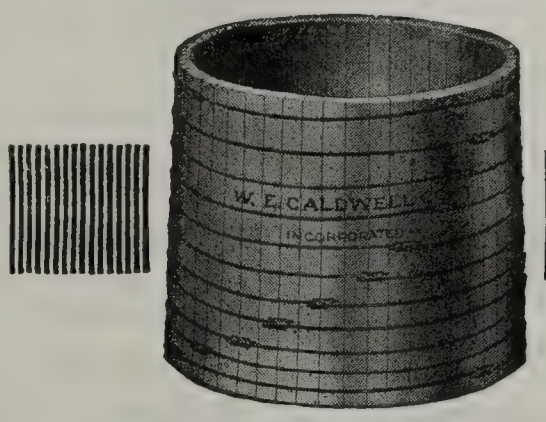
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
CHICAGO BRIDGE & IRON WORKS, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book
FABRICATED STEEL PRODUCTS CORPORATION, Box 300, Leetonia, O.
See adv index at end of book.
Hammond Iron Works, Warren, Pa.
See adv index at end of book
Mertz John Mfg. Co., Sandusky, O.
See adv index at end of book
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

14822— Tanks (Welded)

AMERICAN SPIRAL PIPE WORKS, Chicago., Ill. *See adv index at end of book*
Buckeye Boiler Co., Dayton, O.
California Corrugated Culvert Co. ("Calco"), Berkeley, Cal.
Columbiana Boiler Co., Columbiana, O.
Davis Welding & Mfg. Co., 1543 Queen City av, Cincinnati, O.
Elyria Enameled Products Co., Elyria, O.
See adv index at end of book
FABRICATED STEEL PRODUCTS CORPORATION, Box 300, Leetonia, O.
See adv index at end of book.
Fouts C. C. Co. ("Duro"), 650 Woodlawn av, Middletown, O.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Heil Company, 26th & Montana avs, Milwaukee, Wis.
Industrial Welding Co., Garrett bldg, Baltimore, Md.
Kellogg M. W. Co., 90 West, New York
See adv index at end of book
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book.*
Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.
Lockport Chemical Works (Steel), Lockport, Ill.
Manitowoc Engineering Works, Manitowoc, Wis.
Reeves Bros. Co., Alliance, O.
Saginaw Sheet Metal Works (Acetylene), Saginaw, Mich.
St. Louis Steel Barrel Corp'n, B'way, Benton & 9th, St. Louis, Mo.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortland, New York
See adv index at end of book
Standard Water Systems Co. ("Tripure"), Hampton, N. J.
Struthers-Wells Co., Warren, Pa.
See adv index at end of book
Treadwell Construction Co., Midland, Pa.
See adv index at end of book
Welded Steel Barrel Corp., Hart av & Charlevoix, Detroit, Mich.
Weldex Co., Richmond, Ind.
Western Drop Forge Co., P. O. Box 386, Marion, Ind.

14823— Tanks (Wood)

Acme Tank Co. (& Vats), 59 Cortlandt, New York.
Aermotor Co., 1146 S Campbell av, Chicago, Ill.
American Mfg. Co., 2101 Louisiana av, New Orleans, La.
American Stave & Cooperage Co., Chelsea, Mass.
American Tower & Tank Co., Elgin, Ill.
Badger Steel Roofing & Corrugating Co., La Crosse, Wis.
Baker Mfg. Co., Evansville, Wis.
Baltimore Cooperage Co. The, c Hanover & Creek, Baltimore, Md.
Beckman Bros., Des Moines, Ia.
Black, Sivalls & Bryson, Bartlesville, Okla.
Briggs & Allyn Mfg. Co. Co., Lawrence, Mass.
Burkhardts Geo. J. Sons, Drexel bldg, Phila., Pa.
Bushnell Tank Works (Red, Cypress, Tongued, Grooved or Plain), Bushnell, Ill.
Butler Co. (Red Louisiana Cypress), Butler, Ind.
CALDWELL W. E. CO., Louisville, Ky.
See adv index at end of book.



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For branch offices see adv index at end of book
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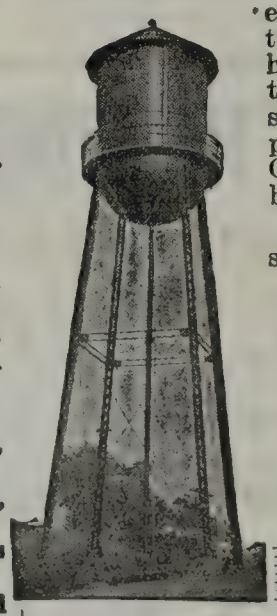

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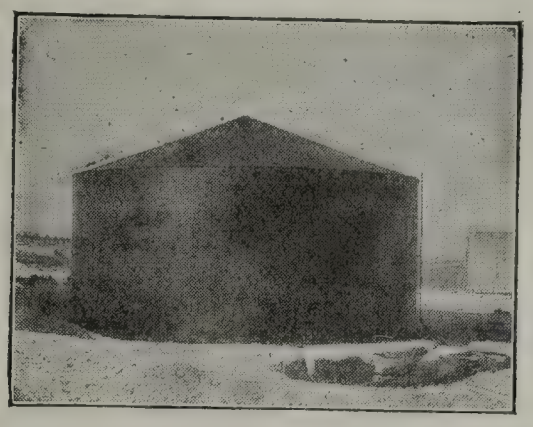

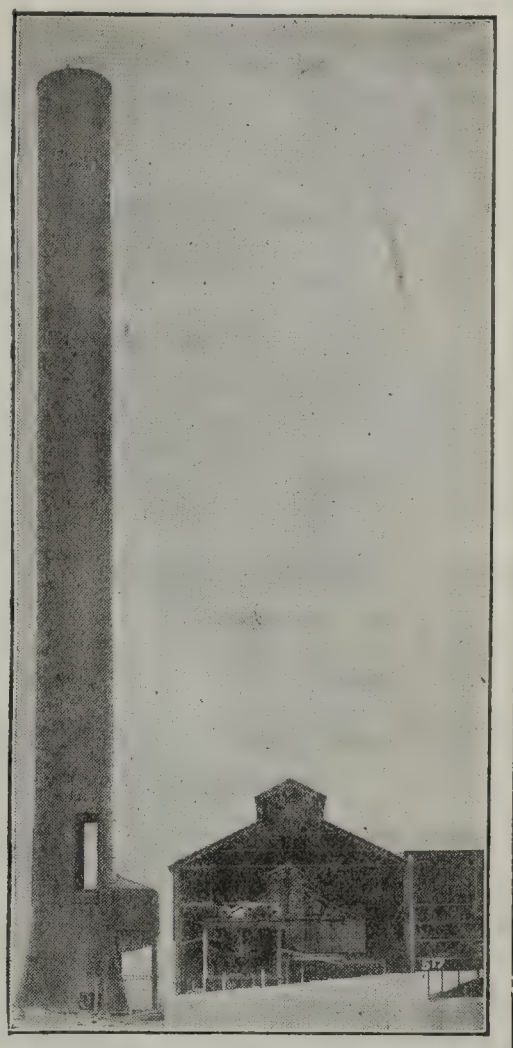

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Errington F. A., 39 Cortlandt, New York
Geometric Tool Co. ("Geometric," Adjustable), New Haven, Conn.
Manufacturers Equipment Co., 175 N Jefferson, Chicago, Ill.
Modern Tool Co. ("Modern," Adjustable), 300 State, Erie, Pa.
See adv index at end of book
Murchey Machine & Tool Co. ("Murchey" Automatic, also Collapsing Tap & Reamer Combined), 85 Porter, Detroit, Mich.
National-Acme Mfg. Co. ("Namo"), 7500 Stanton av, S E Cleveland, O.
Victor Tool Co. ("Victor" Pipe), Waynesboro, Pa.

American Tap & Die Co.

GREENFIELD, MASS.

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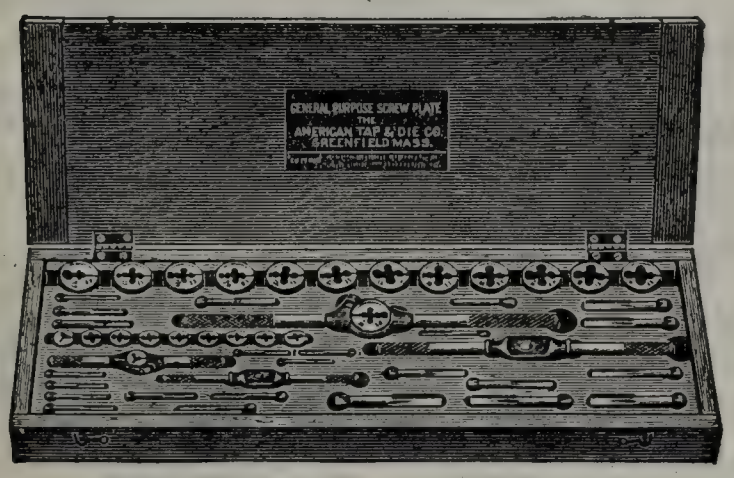

General Purpose for

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Three Screw-Plates in One

Most complete and useful set ever offered. Contains all Machine Screw sizes from number two to eighteen. U. S. Standard $\frac{3}{16}$ to $\frac{1}{2}$ in. S. A. E. (A. L. A. M.) $\frac{1}{4}$ to $\frac{5}{8}$ in. Twenty three sizes in all. There are two Tap Wrenches and two Die stocks fitting all taps and dies.

14851—Taps (Combined Drill & Reamer)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
Hollands Mfg. Co., 352 E 18th, Erie, Pa.
Mueller H. Mfg. Co., Decatur, Ill.
Polk A. J. & Son, Millersburg, Pa.
Standard Tool Co., 6900 Central av, Cleveland, O.
Superior Tap Co., Charlestown, N. H.

Taps (Current)

See Taps, Electric Current

14852— Taps (Die)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
Bay State Tap & Die Co., Mansfield, Mass.
Carpenter J. M. Tap & Die Co., Pawtucket, R. I.
GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book
KNAPP ARTHUR ENGINEERING CORP. 30 Church, New York
See adv index at end of book
Morse Twist Drill & Machine Co., New Bedford, Mass.
Pratt & Whitney Co., Hartford, Conn.
Russell Mfg. Co. ("Russell"), Greenfield, Mass.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Sheffield Machine & Tool Co., Dayton, O.

14853—Taps (Electric Current)

Benjamin Electric Mfg. Co. (With Rotating Sleeve), 128 S Sangamon, Chicago, Ill. *See adv index at end of book*
Hubbell Harvey (Inc.), Bridgeport, Conn.
Jordan Bros., 74 Beekman, New York
Manhattan Electrical Supply Co. ("Mesco"), 17 Park pl, New York
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

14854—*Taps (Gas Fixture)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book

14855— Taps (Hand)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
GREENFIELD TAP & DIE CORP. ("G. T. D.," Taper, Plug & Bottoming, also "Gun" Taps, All Standards), Greenfield, Mass. *See adv index at end of book*
Pratt & Whitney Co., Hartford, Conn.

14856— Taps (Hob)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
Bay State Tap & Die Co., Mansfield, Mass.
Besly Chas. H. & Co. ("Helmet," Temper), 120 N Clinton, Chicago, Ill.
Card S. W. Mfg. Co. (Short or Long, also Master), Mansfield, Mass.
GREENFIELD TAP & DIE CORP. ("G. T. D.," Short Plug & Pipe), Greenfield, Mass. *See adv index at end of book*
Morse Twist Drill & Machine Co. (Hob or Master; also Sellers; also Short Plug), New Bedford, Mass.
Polk A. J. & Son (Sellers), Millersburg, Pa.
Russell Mfg. Co. ("Russell"), Greenfield, Mass.
Superior Tap Co., Charlestown, N. H.
Winter Bros. Co., Wrentham, Mass.

14857—*Taps (Horse Shoe)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
GREENFIELD TAP & DIE CORP. ("G. T. D." Horse Shoe Calk), Greenfield, Mass. *See adv index at end of book*

14858—Taps (Interrupted Thread)

Pratt & Whitney Co. ("Echols" Patent), Hartford, Conn.

14859—*Taps (Locomotive)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book

14860— Taps (Machine)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
Besly Chas. H. & Co. ("Helmet," Temper), 120 N Clinton, Chicago, Ill.
GREENFIELD TAP & DIE CORP. ("G. T. D." & "Gun" Taps), Greenfield, Mass.

14861—Taps (Machine Nut)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
Bay State Tap & Die Co., Mansfield, Mass.
Besly Chas H. & Co. ("Helmet," Temper), 120 N Clinton, Chicago, Ill.
Brown H. B. Co. (Nut Threading), East Hampton, Conn.
Brubaker W. L. & Bros., Millersburg, Pa.
Butterfield & Co. ("Derby"), Derby Line, Vt.
Card S. W. Mfg. Co., Mansfield, Mass.
Carpenter J. M. Tap & Die Co., Pawtucket, R. I.
GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Polk A. J. & Son, Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Reynolds James Mfg. Co., New Haven, Conn.
Russell Mfg. Co. ("Russell"), Greenfield, Mass.
Superior Tap Co., Charlestown, N. H.
Wells F. E. & Son Co. ("Hercules"), Greenfield, Mass.
Winter Bros. Co., Wrentham, Mass.

14862—Taps (Machine Screw)

AMERICAN TAP & DIE CO. ("Adamantine," Greenfield, Mass.
See adv index at end of book
Bay State Tap & Die Co., Mansfield, Mass.
Besly Chas. H. & Co. ("Helmet," Temper), 120 N Clinton, Chicago, Ill.
Brubaker W. L. & Bros., Millersburg, Pa.
Butterfield & Co., Derby Line, Vt.
Card S. W. Mfg. Co., Mansfield, Mass.
Carpenter J. M. Tap & Die Co., Pawtucket, R. I.
Corbin Screw Corp., New Britain, Conn.
GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book
Morse Twist Drill & Machine Co., New Bedford, Mass.
Polk A. J. & Son, Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Reynolds James Mfg. Co., New Haven, Conn.
Russell Mfg. Co. ("Russell"), Greenfield, Mass.
Superior Tap Co., Charlestown, N. H.
Winter Bros. Co. ("Thistle"), Wrentham, Mass.

14863—Taps (Machinists' Hand)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
Bay State Tap & Die Co., Mansfield, Mass.
Besly Chas. H. & Co. ("Helmet," Temper), 120 N Clinton, Chicago, Ill.
Brubaker W. L. & Bros., Millersburg, Pa.
Butterfield & Co., Derby Line, Vt.
Card S. W. Mfg. Co. ("Paragon"), Mansfield, Mass.
Carpenter J. M. Tap & Die Co., Pawtucket, R. I.
GREENFIELD TAP & DIE CORP. ("G. T. D.," Taper, Plug & Bottoming), Greenfield, Mass.
See adv index at end of book
Hart Mfg. Co. ("Duplex"), Cleveland, O.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Morse Twist Drill & Mach. Co., New Bedford, Mass.
Polk A. J. & Son, Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Reynolds James Mfg. Co., New Haven, Conn.
Superior Tap Co., Charlestown, N. H.
Winter Bros. Co. ("Thistle"), Wrentham, Mass.

14863a— *Taps (Metric)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book

14864—Taps (Mud Plug or Wash-Out)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
Card S. W. Mfg. Co., Mansfield, Mass.
GREENFIELD TAP & DIE CORP. ("G. T. D.," Mud Plug or Wash-Out), Greenfield, Mass.
See adv index at end of book
Pratt & Whitney Co., Hartford, Conn.

14865— Taps (Patch Bolt)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
Bay State Tap & Die Co., Mansfield, Mass.
Besly Chas. H. & Co. ("Helmet," Temper), 120 N Clinton, Chicago, Ill.
Brubaker W. L. & Bros., Millersburg, Pa.
Card S. W. Mfg. Co., Mansfield, Mass.
Carpenter J. M. Tap & Die Co., Pawtucket, R. I.
Chicago Screw Co., 13 N Jefferson, Chicago, Ill.
GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book
Morse Twist Drill & Mach. Co., New Bedford, Mass.
Pawtucket Mfg. Co., Pawtucket, R. I.
Polk A. J. & Son, Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Russell Mfg. Co. ("Russell"), Greenfield, Mass.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book.*
Superior Tap Co., Charlestown, N. H.
Winter Bros. Co., Wrentham, Mass.

14866— Taps (Plug)

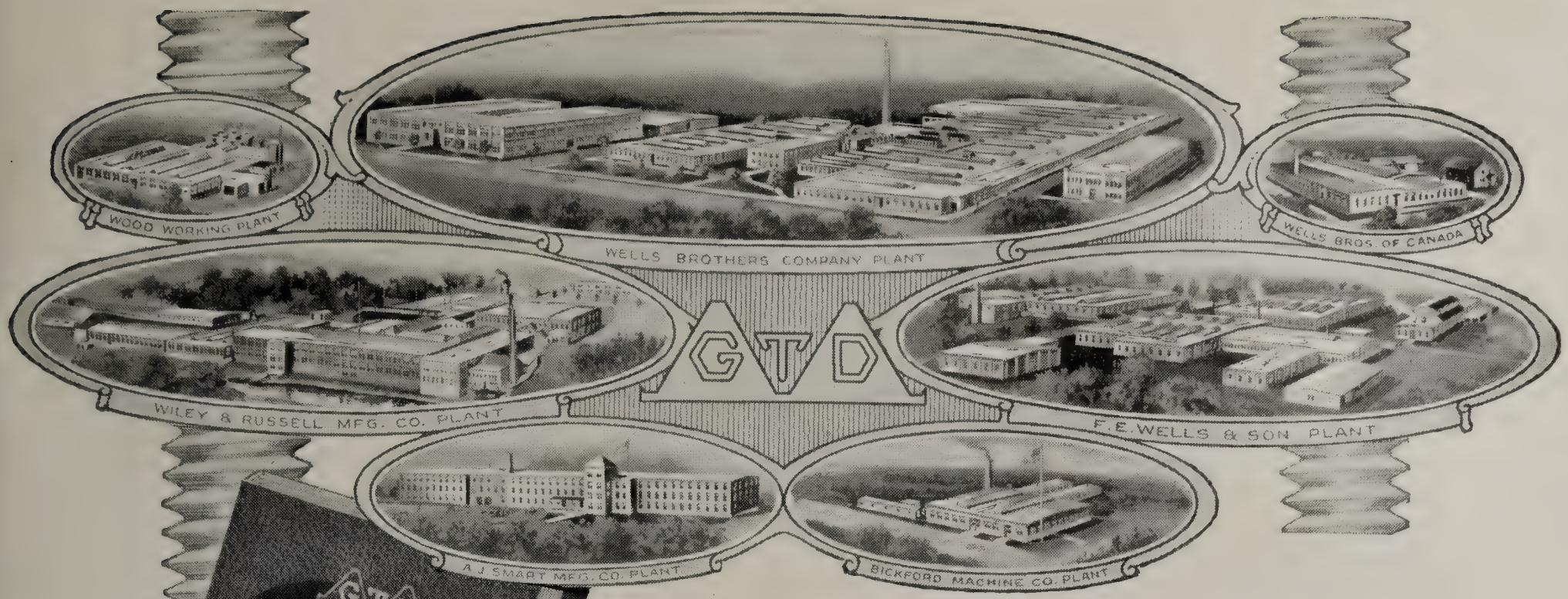
GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book

14867— Taps (Pulley)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
Bay State Tap & Die Co., Mansfield, Mass.
Besly Chas. H. & Co. ("Helmet," Temper), 120 N Clinton, Chicago, Ill.
Brubaker W. L. & Bros., Millersburg, Pa.
Butterfield & Co., Derby Line, Vt.
Card S. W. Mfg. Co., Mansfield, Mass.
Carpenter J. M. Tap & Die Co., Pawtucket, R. I.
GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book
Morse Twist Drill & Machine Co., New Bedford, Mass.
Polk A. J. & Sons, Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Russell Mfg. Co. ("Russell"), Greenfield, Mass.
Superior Tap Co., Charlestown, N. H.
Winter Bros. Co., Wrentham, Mass.

14868— Taps (Screw)

Waltham Screw Co., Waltham, Mass.



The GTD Plant and PRODUCT

G. T. D. PRODUCTS

SMALL TOOLS
- Taps and Dies
- Screw Plates
- Reamers
- Opening Dies

PIPE TOOLS
- Taps and Dies
- Stocks and Dies
- Pipe Wrenches
- Pipe Cutters
- Pipe Vises
- Burring Reamers
- Tool Sets

GAGES
- Plug and Templet
- Limit Snap Gages
- Screw Pitch Gages
- Lead Testers
- Special Gages

MACHINE TOOLS
- Speed Lathes
- Hand Screw Machines
- Tool Grinders
- Metal Cutting Off Machines
- Milling Machines
- Threading Machines

For forty-six years G T D Screw Cutting Tools, Pipe Tools, Gages and Machines have been building a reputation for highest quality. The old familiar brand names, "Little Giant," "Lightning," "Green River," "OK," "Reece," "Wells," "Hercules" and "Nutter & Barnes," are now consolidated under the general trade mark

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which means all that the old names have ever meant—and more—for it signifies the larger output, more complete standardization and steady improvement of all the lines made possible by the merging of these old and well established manufacturing concerns.

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14869-70—*Taps (Serial)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
GREENFIELD TAP & DIE CORP. ("G. T. D.," Hand), Greenfield, Mass.
See adv index at end of book

14871—*Taps (Spindle Staybolt)

GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book

14872— Taps (Stay Bolt)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
Bay State Tap & Die Co., Mansfield, Mass.
Besly Chas. H. & Co. ("Helmet," Temper), 120 N Clinton, Chicago, Ill.
Brubaker W. L. & Bros., Millersburg, Pa.
Butterfield & Co., Derby Line, Vt.
Card S. W. Mfg. Co. (Also Spindle Staybolt), Mansfield, Mass.
Carpenter J. M. Tap & Die Co., Pawtucket, R. I.
GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book
Morse Twist Drill & Machine Co., New Bedford, Mass.
Polk A. J. & Son, Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Russell Mfg. Co. ("Russell"), Greenfield, Mass.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book.*
Superior Tap Co., Charlestown, N. H.
Winter Bros. Co., Wrentham, Mass.

14873— Taps (Stove Bolt)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
Bay State Tap & Die Co., Mansfield, Mass.
Card S. W. Mfg. Co., Mansfield, Mass.
Carpenter J. M. Tap & Die Co., Pawtucket, R. I.
GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book
Morse Twist Drill & Machine Co., New Bedford, Mass.
Polk A. J. & Son, Millersburg, Pa.
Superior Tap Co., Charlestown, N. H.
Winter Bros. Co., Wrentham, Mass.

14874— Taps (Taper)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
Bay State Tap & Die Co., Mansfield, Mass.
Besly Chas. H. & Co., 120 N Clinton, Chicago, Ill.
Card S. W. Mfg. Co., Mansfield, Mass.
Carpenter J. M. Tap & Die Co. (Bicycle, etc), Pawtucket, R. I.
GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book
Polk A. J. & Son, Millersburg, Pa.
Russell Mfg. Co. ("Russell"), Greenfield, Mass.
Superior Tap Co., Charlestown, N. H.
Winter Bros. Co., Wrentham, Mass.

14875— Taps (Tapper)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
Bay State Tap & Die Co., Mansfield, Mass.
Besly Chas. H. & Co. ("Helmet," Temper), 120 N Clinton, Chicago, Ill.
Butterfield & Co. (Bicycle, etc.), Derby Line, Vt.
Card S. W. Mfg. Co., Mansfield, Mass.
Carpenter J. M. Tap & Die Co., Pawtucket, R. I.
GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book
Morse Twist Drill & Mach. Co., New Bedford, Mass.
Ohio Ceramic Engineering Co., Berea rd, Cleveland, O.
Polk A. J. & Son, Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Superior Tap Co., Charlestown, N. H.
Winter Bros. Co., Wrentham, Mass.

14876—Taps & Drills Combined (Pipe)

GREENFIELD TAP & DIE CORP. ("G. T. D.," Combined Pipe Tap & Drill), Greenfield, Mass.
See adv index at end of book

Morse Twist Drill & Machine Co., New Bedford, Mass.
Standard Tool Co., 6900 Central av, Cleveland, O.

14877—Taps & Drills (Pipe)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
Besly Chas H. & Co. ("Helmet" Temper), 120 N Clinton, Chicago, Ill.
Brubaker W. L. & Bros., Millersburg, Pa.
Carpenter J. M. Tap & Die Co. (Pipe Taps Only), Pawtucket, R. I.
GREENFIELD TAP & DIE CORP. ("G. T. D.," Combined Pipe Tap & Drill), Greenfield, Mass.
See adv index at end of book
Morse Twist Drill & Machine Co., New Bedford, Mass.
Pratt & Whitney Co., Hartford, Conn.
Russell Mfg. Co. ("Russell"), Greenfield, Mass.
Standard Tool Co., 6900 Central av, Cleveland, O.

14878—Taps & Reamers (Pipe)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
Ashcroft Mfg. Co., 119 W 40th, New York
Bay State Tap & Die Co., Mansfield, Mass.
Brubaker W. L. & Bros., Millersburg, Pa.
Buffum Tool Co. ("Swastika," "Plumbers"), South Side, Louisiana, Mo.
Butterfield & Co. ("Derby"), Derby Line, Vt.
Card S. W. Mfg. Co., Mansfield, Mass.
Carpenter J. M. Tap & Die Co., Pawtucket, R. I.
GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book
Hart Mfg. Co. ("Duplex"), Cleveland, O.
Hollands Mfg. Co., 352 E 18th, Erie, Pa.
Keystone Die Stock Co. ("J. J. Delehant's Keystone"), 652 W 47th, Chicago, Ill.
Morse Twist Drill & Machine Co. (Also Straight & Whitworth Pipe Taps), New Bedford, Mass.
Mueller H. Mfg. Co. (Pipe End Reamers), Decatur, Ill.
Polk A. J. & Son, Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Precision Tool Co., Canton, Mass.
Putnam Machine Co., Fitchburg, Mass.
Russell Mfg. Co. ("Russell"), Greenfield, Mass.
Saunders' D. Sons, Yonkers, N. Y.
Superior Tap Co. (Taps), Charlestown, N. H.
Victor Tool Co. (Collapsing Pipe Taps), Waynesboro, Pa.
Walworth Mfg. Co., Boston, Mass.
Winter Bros. Co., Wrentham, Mass.

14879—Tar Burning Systems (Smokeless)

Connelly Iron Sponge & Governor Co., 227 Fulton, New York

14880— Tar Mfrs.

See also Coal Tar Products

Atlanta Gas Light Co., Atlanta, Ga.
Barrett Co., 17 Battery pl, New York
Carolina Pine Products Co., Cleveland, O.
General Roofing Mfg. Co., 17th & Southern Ry., East St. Louis, Ill.
Hamilton-Otto Coke Co., Hamilton, O.
New Haven Gas Light Co., New Haven, Conn.
Spokane Falls Gas Light Co., Spokane, Wash.
United Gas Improvement Co., Phila., Pa.

14881— Tar (Pine)

See also Oil, Pine

Adams Fred. C. Co., 234 S La Salle, Chicago, Ill.
Corner Jas. & Sons, E Falls av & Fawn, Baltimore, Md.
GENERAL NAVAL STORES COMPANY (INC.) ("Sunny South"), 90 West, New York
Georgia Pine Turpentine Co. of N. Y., 158 Perry, New York
Larendon M. W. & Co. (Jobbers), 82 Wall, New York
Martin Wm. A. & Co., Wilmington, N. C.
Noble Electric Steel Co., 995 Market, San Francisco, Cal.
No. Western Pine Tar Co., 1905 Diversey, Chicago, Ill.
Pensacola Tar & Turpentine Co., Gull Point, Fla.
Reeder Oliver & Son, Key, Highway & Covington, Baltimore, Md.
Willcox-Ives Oil Co., Savannah, Ga.

14882— Tar (Refined)

Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.

14882a—*Tar (Road, Refined & Dehydrated)

Du Pont Chemical Works ("Pontar"), 120 Broadway, New York

14883— Tar (Wood)

Kingsport Wood Reduction Co., Kingsport, Tenn.
Newton Chemical Co., Olean, N. Y.

14884—Targets (Shooting Gallery)

Arcade Mfg. Co., Freeport, Ill.
Dennison Mfg. Co. (Paper), 26 Franklin, Boston, Mass.
Quackenbush H. M., Herkimer, New York

Targets (Trap Shooting)

See Traps & Targets, Trap Shooting

14885—Tarpaulins, Wagon Covers, Etc.

See also Tents, Contractors'

Amer. Commercial Corp., 120 B'way, New York
American Tent & Awning Co., 307 Washington av, North Minneapolis, Minn.
Anchor Supply Co., Evansville, Ind.
Aronoff Joseph J., Trenton, N. J.
ATLANTA TENT & AWNING CO., Atlanta, Ga.
Baker & Lockwood Mfg. Co., Kansas City, Mo.
Brooks Tent & Awning Co., Denver, Colo.
Buckeye Tent & Awning Mfg. Co., 264 Spruce, Columbus, O.
Carnie-Goudie Mfg. Co., 22d & Grand av, Kansas City, Mo.
Carpenter Geo. B. & Co., 440 N Wells, Chicago, Ill.
Denver Tent & Awning Co., Denver, Colo.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Hettrick Mfg. Co., Toledo, O.
Humphry's R. A. Sons, 1021 Collowhill, Phila., Pa.
Johnson John Co., Detroit, Mich.
Lane J. H. & Co. (Jobbers), 334 4th av, New York
Lincoln Tent & Awning Co., Lincoln, Neb.
Little Rock Tent & Awning Co., Little Rock, Ark.
Meyer L. M. & Co., Springfield, Mass.
Mills Andrew & Sons, 53 South, New York
Moore Benj. & Co., 27 South, New York
Mowry David C. & Son, Geneva, Neb.
OHIO CANVAS GOODS MFG. CO., Toledo, O.
Pittsburgh Waterproof Co., 435 Liberty av, Pittsburgh, Pa.
Rider A. J., Syracuse, N. Y.
Rogers Tent & Awning Co., Fremont, Neb.
Rowe E. L. & Son, Gloucester, Mass.
Schaefer Tent & Awning Co., Denver, Colo.
Smith Arthur F. Co., 261 Canal, New York.
STANLEY WM. W. (Waterproof), 50 Church, New York
Sullivan Jno. & Son, 356 Hudson, New York
Thomas Wm. E. & Co., 42 South, New York
Wheeling Tent & Awning Co., Wheeling, W. Va.
Wolf Bros. Tent & Awning Co., Omaha, Neb.
Zittlosen Mfg. Co., Park & Dolman, St. Louis, Mo.

14885a— Tartar Emetic

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

14886— Tassels (Brass)

Judd H. L. Co., 87 Chambers, New York
Turner & Seymour Mfg. Co., Torrington, Conn.

14887—Tassels (Harness & Saddlery)

Advance Specialty & Mfg. Co. (Hair), St. Joseph, Mo.
Fielding A. & Bros. (Hair), Hoboken, N. J.
Louisville Girth & Blanket Mills, Louisville, Ky,
Rauschenberger John Co., 87 W Water, Milwaukee, Wis.

14888—Tassels (Silk, Drapery, Etc.)

American Passementry Factory, 529 B'way, New York
Bridgeport Coach Lace Co. (Coach), Bridgeport, Conn.
Buschner A. C. & Co., 1253 Nostrand av, Brooklyn, N. Y.
Empire Braid Works, 413 W. B'way, New York
Empire Fringe Co., 909 Faile, New York
Fielding A. & Bro. (Hair), Hoboken, N. J.
Helmus Gabriel, 142 Greene, New York
Horstmann W. H. Co., 5th & Cherry, Phila., Pa.
Mason Silk Mills (Silk), Paterson, N. J.
New York Tassel & Cord Co., 35 Howard, New York
Rosenthal Bros., 463 Broome, New York.
Schlegel Mfg. Co., Rochester, N. Y.
Schultz Goodwin Co., 31 Lincoln, Boston, Mass.
Unger Wm. & Bro., 496 B'way, New York
United States Trimming Co., 39 N 10th, Phila., Pa.
United Trimming Co., 16 W 39th, New York
Vogt Mfg. & Coach Lace Co. (Coach), Rochester, N. Y.
Walliser August, 531 Hermitage Rox, Phila., Pa.
Webendorfer H., 338 E 103d, New York
Weinz Trimming Co., 68 Chauncy, Boston, Mass.

14889— Teasels

Kellogg Bros., Skaneateles, N. Y.

Technical Institutions

See Engineering Schools & Colleges

14890— Tedders (Hay)

Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.
Gehl Bros. Mfg. Co., West Bend, Wis.
Hocking Valley Mfg. Co., Lancaster, O.
Howell R. R. & Co., 31st av, Minneapolis, Minn.
International Harvester Company of America (Inc.), (Champion-Deering-McCormick-International), Harvester bldg., Chicago, Ill.
Massey-Harris Harvester Co., Batavia, N. Y.
Messinger Mfg. Co., Tatamy, Pa.
Moline Plow Co. ("Flying Dutchman"), Moline, Ill.
Ohio Rake Co. ("Monarch," "Quail," "Lion," "O. R. C." Wood), Dayton, O.
Richardson Mfg. Co., Worcester, Mass.
Sterling Mfg. Co., Sterling, Ill.
Thomas Mfg. Co. ("Thomas," "Royal," "Triumph"), Springfield, O.
Wood Walter A. Mowing & Reaping Machine Co., Hoosick Falls, N. Y.

14891— Tees (Boiler)

Blake Specialty Co. (Double Union & Bottom Boiler), Rock Island, Ill.

14892— Tees (Pipe)

Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
General Fire Extinguisher Co., Providence, R. I.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
Jarecki Mfg. Co. (Manifold or Branch, etc), Erie, Pa.
Kelly & Jones Co. (Cast & Malleable Iron), 135 Water, Pittsburgh, Pa.
LUNKENHEIMER CO. (Brass), Executive Offices. Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Malleable Iron Fittings Co. ("M. I. F. Co.," Malleable), Branford, Conn.
Powell Wm. Co. (Brass), Cincinnati, O.

14893—Tees (Test, Soil Pipe)

Compound Injector & Specialty Co. ("Dehn"), 419 N Laramie av, Chicago, Ill.

14894— Tees (Union)

Dart E. M. Mfg. Co. ("Dart"), 1012 Eddy, Providence, R. I.
See adv index at end of book
Jefferson Union Co. ("Jefferson"), Lexington, Mass.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.

14895—Teeth (Bundle Carrier)

Cambria Steel Co., Widener bldg, Phila., Pa.
Harrow Spring Co. (Spring), Milwaukee Wis.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book

14896— Teeth (Cultivator)

Allen S. L. & Co. ("Planet, Jr."), Denckla bldg, Phila., Pa.
Bateman Mfg. Co., Grenloch, N. J.
Cambria Steel Co. (Steel), Widener bldg, Phila., Pa.
Farquhar A. B. Co. (Ltd.), York, Pa.
Harrow Spring Co. (Spring), Milwaukee, Wis.
Hench & Dromgold Co., York, Pa.
Parlin & Orendorff Co., Canton, Ill.

14897— Teeth (Dipper)

American Forge Works, Denver, Colo.
American Manganese Steel Co. ("Amsco," "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
Laclede Steel Co., Federal Reserve Bank bldg., St. Louis, Mo.
National Iron Co., Duluth, Minn.
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.

14898—Teeth for Crusher Rolls

Alloy Steel Forging Co., Carnegie, Pa.
Keystone Drop Forge Works, Chester, Pa.
Scranton Forging Co. (For Coal & Salt), Scranton, Pa.

14899— Teeth (Harrow)

Babcock Mfg. Co., Leonardsville, N. Y.
Cambria Steel Co. (Drag & Spring), Widener bldg, Phila., Pa.
Henry & Allen (Reversible), Auburn, N. Y.
Herschel R. Mfg. Co., Peoria, Ill.
Inland Steel Co. (Bessemer Steel), First Nat'l Bank bldg, Chicago, Ill.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Madison Plow Co., Madison, Wis.
Mason F. C. & Co. (Spring, Spike), St. Johns, Mich.
Noll Bros. (Spring & Spike), 849 Allis, Milwaukee, Wis.
Ohio Cultivator Co., Bellevue, O.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Rivet Co. (Round & Square Steel), 38th & Junction R. R., Pittsburg, Pa.

14900—Teeth (Hay Loader)

American Spiral Spring & Mfg. Co., 56th & A. V. R. R., Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book

Teeth (Hay Rake)

See Teeth, Rake & Tender

14901—Teeth (Rake & Tedder)

American Spiral Spring & Mfg. Co., 56th & A. V. R. R., Pittsburgh, Pa.
Cambria Steel Co., Widener bldg, Phila., Pa.
Estes E. B. & Sons (Rake), 364 5th av, New York. *See adv index at end of book*
Harrow Spring Co. (Rake Teeth), Milwaukee, Wis.
Henry & Allen, Auburn, N. Y.
Herschel R. Mfg. Co., Peoria, Ill.
Mason F. C. & Co., St. Johns, Mich.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Whitaker Mfg. Co., 409 S Green, Chicago, Ill.

14902— Teeth (Scarifier)

Alloy Steel Forging Co., Carnegie, Pa.
American Manganese Steel Co. ("Amsco," "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.

14903—Teeth (Steam Shovel & Dredge)

American Manganese Steel Co. ("Amsco," "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
Cupples Adjustable Tooth Co. ("Cupples" Adjustble), Tyrone, Pa.
Laclede Steel Co., Federal Reserve Bank bldg, St. Louis, Mo.
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.

14904— Teeth (Thresher)

Christian Jno. Mfg. Co., San Jose, Cal.
Henry & Allen, Auburn, N. Y.
Rhode Island Tool Co. (Steel), Providence, R. I.
Rumely Leo Tractor Co., La Porte, Ind.
Transue & Williams Steel Forging Corp. (Drop Forged), Alliance, O.

14905— Teeth (Two-Part)

American Manganese Steel Co. ("Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.

14906-7— Teeth (Weeder)

Babcock Mfg. Co., Leonardsville, N. Y.
Cambria Steel Co., Widener bldg, Phila., Pa.
Harrow Spring Co., Milwaukee, Wis.

When writing to firms whose names appear in this book please mention
HENDRICKS' COMMERCIAL REGISTER.

14908—Telegraph Apparatus

Bunnell J. H. & Co. ("Duplex" & "Quadruplex"), 32 Park pl, New York
Cardwell Allen D. (Automatic & Radio), 251 W 19th, New York
Jester-Cooper Co., Houston, Texas
Kleinschmidt Elec. Co., 36 Flatbush av ext, Brooklyn, N. Y.
McNAB CO. ("McNab" Indicating), Bridgeport, Conn.
See adv index at end of book
Pearce Fred'k Co., 20 Rose, New York

Telegraph Poles

See Poles, Various Kinds; also Ties, Poles & Posts

14908a— Telegraphic Instruments (Radio)

Cardwell Allen D., 251 W 19th, New York

14909— Telegraphs (Ship)

Laughlin Thos. Co., Portland, Me.
McNab Co., Bridgeport, Conn.
See adv index at end of book
Marine Mfg. & Supply Co., 158 South, New York

14910— Telephone Arms

Holtzer-Cabot Electric Co. ("Equipoise"), 125 Amory, Boston, Mass.
Stanley & Patterson, Inc., 23 Murray, New York
Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.
See adv index at end of book

14911-2— Telephone Booths

See also Telephone Cabinet Work with the word "Booths" Following their Names
DAHLSTROM METALLIC DOOR CO., 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book

Telephone Boxes

See Telephone Cabinet Work with the word "Boxes" Following their Names

14913—*Telephone Brackets (Adjustable)

Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 N Washington, Chicago, Ill. *See adv index at end of book*

14914—Telephone Cabinet Work

Acme Cabinet Co. ("Acme" Folding Door, Booth, etc.), 116 W 32d, New York
Bauerle & Stark Co. (Boxes, etc), 1147 W Ohio, Chicago, Ill.
Brownell C. H. ("Altick" Folding Booths, etc), Peru, Ind.
Cadwell-Vernon Co. (Booths), Jamestown, N. Y.
Churchill Cabinet Co. (Boxes, etc), 2119 Churchill, Chicago, Ill.
Cullen & Vaughn Co., 450 Dayton, Hamilton, O.
DAHLSTROM METALLIC DOOR CO. (Hollow Metal Booths), 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book
Evans W. L. (Vanishing Door Booths), Washington, Ind.
Findeisen & Kropf Mfg. Co., 2559 W 21st, **Chicago, Ill.**
French Cabinet Co. (Booths), Metropolitan av nr Flushing av, Brooklyn, N. Y.
Heyden F. (Boxes, etc), 517 N Halsted, Chicago, Ill.
Home Equip. Co., Pleasanton, Kan.
Jordan Edw. B. & Co. (Boxes, etc), 129 Degraw, Brooklyn, N. Y.
Palen's H. W. Sons (Fine Cabinet Finish), Kingston, N. Y.
Seaman W. S. Co. (Booths & Supplies), 480 Virginia, Milwaukee, Wis.
Sewing Machine Cabinet Co. (On Order), Bridgeport, Conn.
Standard Cabinet Mfg. Co., Peru, Ind.
Telephone Service Seat Cabinet Co., Phelan bldg, San Francisco, Cal.
Western Electric Co. (Booths, etc), 463 West, New York
Wisconsin Chair Co. (Boxes, etc), Port Washington, Wis.
Yesbera Mfg. Co. (Booths, etc), Toledo. O.

14915—*Telephone Cleats & Staples

DELAWARE HARD FIBRE CO. (Fibre), Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*
WILMINGTON FIBRE SPECIALTY CO., Wilmington, Del.
See adv index at end of book

14916—Telephone Cushions (Pneumatic)

Huron Rubber Co., Cleveland, O.

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14917—Telephone Desk Stands

Stanley & Patterson, Inc., 23 Murray, New York
Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.
See adv index at end of book
Western Electric Co., 463 West, New York

Telephone Holders

See Brackets, Desk, Telephone

14918— Telephone Knobs

Scranton Button Co. (Lacavite), Scranton, Pa.
Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.
See adv index at end of book

14919—Telephone Meters or Registers

Gray Telephone Pay Station Co., Hartford, Conn.
Pearce W. H. & Co. ("Crescent"), 333 S Dearborn, Chicago, Ill.
Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.
See adv index at end of book

14920—Telephone Mouthpieces

Rubber, Composition & Hard Fibre; see also Porcelain Specialties, Electrical, etc
American Electric Co. (Glass, "Germproof" Porcelain "Burns"), 6401 S State, Chicago, Ill.
American Hard Rubber Co., 9 Mercer, New York
Auburn Button Works, Auburn, N. Y.
Dickinson Mfg. Co., Springfield, Mass.
Electrose Mfg. Co. (Composition), 70 Washington, Brooklyn, N. Y.
General Insulate Co. ("Insulate," "Seamless"), 1008 Atlantic av, Brooklyn, N. Y.
Hemming Mfg. Co., Garfield, N. J.
Schneider J. S. (Glass), Ridgefield, Conn.
Scranton Button Co. (Lacavite), Scranton, Pa.
Siemon Hard Rubber Corp., Bridgeport, Conn.
Stokes Jos. Rubber Co., Trenton, N. J.
Stromberg-Carlson Telephone Mfg. Co. (Rubber, Composition & Glass), Rochester, N. Y.
See adv index at end of book
Vulcanized Rubber Co., 251 4th av, New York

14921— Telephone Parts

Presto-Phone Parts Corp., 124 Pearl, Brooklyn, N. Y.
Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.
See adv index at end of book
Western Electric Co., 463 West, New York
Worcester Pressed Steel Co., Worcester, Mass.

14922—Telephone Pole Changer

Holtzer-Cabet Electric Co. (Rotary), 125 Amory, Boston, Mass.
Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.
See adv index at end of book

Telephone Poles

See Poles, Various Kinds; also Ties, Poles & Posts

14923—Telephone Protectors

Central Telephone & Electric Co., 310 N 11th, St. Louis, Mo.
Cook Frank B. Co. ("Cook"), 326 W Madison, Chicago, Ill.
D. & W. Fuse Co., Hathaway, Providence, R. I.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Lafayette Electric & Mfg. Co., Lafayette, Ind.
Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.
See adv index at end of book

14924—Telephone Receiver Shells

American Enamel Co., Providence, R. I.
American Hard Rubber Co., 9 Mercer, New York
Auburn Button Works, Auburn, N. Y.
Dickinson Mfg. Co., Springfield, Mass.
Electrose Mfg. Co., 70 Washington, Brooklyn, N. Y.
General Insulate Co. ("Insulate"), 1008 Atlantic av, Brooklyn, N. Y.
Hemming Mfg. Co., Garfield, N. J.
Murdock W. J. Co., Chelsea, Mass.
Scranton Button Co. (Lacavite), Scran-Pa.
Siemon Hard Rubber Corp., Bridgeport, Conn.
Stokes Jos. Rubber Co., Trenton, N. J.
Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.
See adv index at end of book
Vulcanized Rubber Co., 251 4th av, New York

14925—Telephone Receivers

American Hard Rubber Co., 9 Mercer, New York
Automatic Electric Co. ("Pioneer"), 1001 W Vanburen, Chicago, Ill.
Central Telephone & Elec. Co., 310 N 11th, St. Louis, Mo.
Dickinson Mfg. Co., Springfield, Mass.
Hemming Mfg. Co., Garfield, N. J.
Holtzer-Cabot Electric Co., 125 Amory, Boston, Mass.
Kellogg Switchboard & Supply Co., 1066 W. Adams, Chicago, Ill.
Long Distance Telephoning Mfg. Co., South Bend, Ind.
Murdock W. J. Co., Chelsea, Mass.
Novelty Electric Co., 50 N 4th, Phila., Pa.
Stanley & Patterson, Inc., 23 Murray, New York
Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.
See adv index at end of book
Utica Fire Alarm Telegraph Co., Utica, N. Y.
Western Electric Co., 463 West, New York

14926—Telephone Relay Shells

Cassady Fairbank Mfg. Co., 6126 Lasalle, Chicago, Ill.

14927—Telephone Ringing Apparatus

Butler Edwards Electric Co., Easton, Pa.
Leich Electric Co., Genoa, Ill.
Long Distance Telephone Mfg. Co., South Bend, Ind.
Roth Bros. & Co., 1400 W Adams, Chicago, Ill.
Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.
See adv index at end of book

14928—Telephone Testing Sets

Holtzer-Cabot Electric Co. (Lineman's), 125 Amory, Boston, Mass.
Stanley & Patterson, Inc., 23 Murray, New York
Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.
See adv index at end of book

14929—Telephone Transmitter Arms

Columbia Wire & Iron Works (Extension Telephone Arms), 1933 W Lake, Chicago, Ill.
Holtzer-Cabot Electric Co., 125 Amory, Boston, Mass.
Rex Mfg. Co., Corry, Pa.
Stanley & Patterson, Inc., 23 Murray, New York
Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.
See adv index at end of book
Western Electric Co., 463 West, New York

14930—Telephone Transmitters

Andrae Julius & Sons Co., 362 Broadway, Milwaukee, Wis.
Connecticut Telephone & Electric Co. Meriden, Conn.
Electrose Mfg. Co., 70 Washington, Brooklyn, N. Y.
Kellogg Switchboard & Supply Co., 1066 W. Adams, Chicago, Ill.
Leich Electric Co., Genoa, Ill.
Long Distance Telephone Mfg. Co., South Bend, Ind.
MICROPHO-DETECTOR CO., INC. ("Microphо" Super Sensitive), 26 Cortlandt, New York
Moore's Telephone System, Caro, Mich.
Stanley & Patterson, Inc., 23 Murray, New York
Stromberg-Carlson Tel. Mfg. Co., Rochester, N. Y.
See adv index at end of book

Telephone Woodwork

See Telephone Cabinet Work

14931—Telephones (Automatic)

Automatic Electric Co., 1001 W Vanburen, Chicago, Ill.
Couch S. H. Co. (Couch "Autophone"), Norfolk Downs, Mass.
MICROPHO-DETECTOR CO., INC. ("Microphо"), 26 Cortlandt, New York
Stanley & Patterson, Inc., 23 Murray, New York
Stentor Elec. Mfg. Co., 68 Hunters Point av, New York

14932—Telephones (Automobile)

American Electric Co. ("Carphones"),641 S State, Chicago, Ill.
Conn. Telephone & Electric Co., Meriden, Conn.
MICROPHO-DETECTOR CO., INC. ("Microphо"), 26 Cortlandt, New York
Taylor H. D. Co., 103 Oak, Buffalo, N. Y.

14933—Telephones (Interior)

Automatic Electric Co. (Automatic Inter-Communication), 1001 W Van Buren, Chicago, Ill.
Century Telephone Construction Co., Buffalo, N. Y.
Connecticut Telephone & Electric Co., Meriden, Conn.
Couch S. H. Co., Quincy, Mass.
Direct Line Telephone Co. ("Direct Line" Secret Service), 450 Broome, New York
Electric Specialty Mfg. Co., Moorhead bldg, Pittsburgh, Pa.
Garl Electric Co., Akron, O.
Hepburn Telephone Mfg. Co., 325 S Dearborn, Chicago, Ill.
Holtzer-Cabot Electric Co. (Also for Schools & Apartment Houses), 125 Amory, Boston, Mass.
Kelley Electric Co., 427 Elm, Cincinnati, Ohio
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
MICROPHO-DETECTOR CO., INC. ("Microphо"), 26 Cortlandt, New York
National Dictagraph Co. ("Turner" Intercommunicating), 220 W 42nd, New York
Partrick & Wilkins Co., 51 N 7th, Phila., Pa.
PETTES & RANDALL CO., 150 Nassau, New York
Screw Machine Products Co. ("Slect-O-Phone"), 1012 Eddy, Providence, R. I.
Stanley & Patterson, Inc., 23 Murray, New York
STROMBERG-CARLSON TELEPHONE MFG. CO. (Intercommunicating), Rochester, N. Y.
See adv index at end of book
Winkler & Reichmann, 5 S Wabash av, Chicago, Ill.

14933a— *Telephones (Loud Talking)

MICROPHO-DETECTOR CO., INC. ("Microphо"), 26 Cortlandt, New York

14934— Telephones (Mine)

Electric Service Supplies Co. ("Keystone"), 17th & Cambria, Phila., Pa.
Stanley & Patterson, Inc., 23 Murray, New York
STROMBERG-CARLSON TELEPHONE MFG. CO. ("Mine-a-Phone" System), Rochester, N. Y.
See adv index at end of book
Western Electric Co., 463 West, New York

14935—Telephones (Pendant)

Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.
See adv index at end of book

14936—Telephones (Portable)

Stanley & Patterson, Inc., 23 Murray, New York
Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.
See adv index at end of book

14937—Telephones & Apparatus

See also Switchboards, Telephone

Ackerman Telephone Co., 631 W Jackson, Chicago, Ill.
American Electric Co. ("Samson," "American"), 6401 S State, Chicago, Ill.
Anderson Carl Elec. Corp., 143 W 36th, New York

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Arnold S. G., 2619 W Vanburen, Chicago, Ill.
Augusta Elec. Corp., Augusta, Ill.
Augusta Mutual Telephone Co., Augusta, Ill.
Automatic Electric Co., 1001 W Vanburen, Chicago, Ill.
Bainbridge Electrical Co., 1613 Samson, Phila., Pa.
B. R. Electric Co., Kansas City, Mo.
Bridgeport Electric Products Co. (The), ("Crown" for Factories, Hotels, etc), Bridgeport, Conn.
Bunnell J. H. & Co., 32 Park pl, N. Y.
Central Telephone & Elec. Co., 310 N 11th, St. Louis, Mo.
Century Telephone Const. Co., Buffalo, N. Y.
Chicago Telephone Supply Co., Elkhart, Ind.
Connecticut Telephone & Electric Co. (Inc.) (Interior & Long Distance), Meriden, Conn.
Cook Frank B. Co., 326 W Madison, Chicago, Ill.
Couch S. H. Co., Quincy, Mass.
Direct Line Telephone Co., 450 Broome, New York
Elston Tel. & Mfg. Co., Muscoda, Wis.
General Acoustic Co., 220 W 42nd, New York
Hepburn Telephone Mfg. Co., 325 S Dearborn, Chicago, Ill.
Holtzer-Cabot Electric Co., 125 Amory, Boston, Mass.
Inland Electric Co., 211 Chestnut, St. Louis, Mo.
Kellogg Switchboard & Supply Co., 1066 W Adams, Chicago, Ill.
King Elec. Co., Canton, Ohio
Kusel Telephone & Electric Supply Co., Olive, St. Louis, Mo.
Lafayette Electric & Mfg. Co., Lafayette, Ind.
Leich Electric Co. ("Leich" Automaphone), Genoa, Ill.
Loeffler Louis J., 20 Fulton, New York
Long Distance Telephone Mfg. Co., South Bend, Ind.
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
Marvin W. B. Mfg. Co., Urbana, O.
Menominee Elec. Mfg. Co., Menominee, Mich.
MICROPHO-DETECTOR CO. INC. ("Micropho"), 26 Cortlandt, New York.
Minnesota Electric Co., 309 2nd av S, Minneapolis, Minn.
Modern Electric Co., Burlington, Ia.
Monarch Telephone Mfg. Co., Ft. Dodge, Ia.
Musolaphone Corp., 46 W B'way, New York
National Cash Register Co., Dayton, O.
National Telegraphone & Supply Co., El Paso, Tex.
Rhode Island Telephone & Electric Co., 55 Pine, Providence, R. I.
Russell Electric Co., Danbury, Conn.
Samson Elec Co., 146 Samson, Canton, Mass.
Screw Machine Products Co., 1012 Eddy, Providence, R. I.
Signalphone Alarm Co., Milwaukee, Wis.
Simplex Interior Telephone Co., 217 E 3d, Cincinnati, O.
Spencer Electrical Co., 163 Greenwich, New York
Standard Telephone Repair Co., 321 N Crawford, Chicago, Ill.
Stanley & Patterson, Inc. (Automatic Switchless), 23 Murray, New York
Stoddard Tel. Const. Co., Monroe, Mich.
STROMBERG - CARLSON TELEPHONE MFG. C., (& Construction Material), Rochester, N. Y.
See adv index at end of book
Swedish-American Telephone Mfg. Co., 5235 Ravenswood av, Chicago, Ill.
Utica Fire Alarm Telegraph Co., Utica, N. Y.
Western Elec. Co., 463 West, New York.
Winkler & Reichmann, 5 S Wabash av, Chicago, Ill.

14938— Telescopes

Abel & Bach Co., Milwaukee, Wis.
Bausch & Lomb Optical Co. (Observation, etc), Rochester, N. Y.
Belber Trunk & Bag Co., 1641 N Hancock, Phila., Pa.
Clark, Alvan & Sons Corp. (Astronomical), Cambridge, Mass.
Diamond, Nicholas & Co., 616 W Adams, Chicago, Ill
Fibre Case & Novelty Co., 274 Church, New York
Goerz C. P. American Optical Co., 317 E 34th, New York
Gundlach Manhattan Optical Co., Rochester, N. Y.
Hartmann Trunk Co, Racine, Wis.
Headley & Farmer Co., Newark, N. J.
Leeds & Northrup Co. (Reading), Stenton av, Phila., Pa.
Mogey W. & D., Plainfield, N. J.
Scheidig John & Co. (Imp.), 32 Maiden la, New York
Seitz J. H. & Son, 414 Brown, Phila., Pa.
Spencer Lens Co., Buffalo, N. Y.
Spencer Optical Co. (Imp.), 7 Maiden la, New York ..
Stevens J. Arms Co. (Rifle), Chicopee Falls, Mass.
Sussfeld, Lorsch & Co. (Imp.), 90 Maiden la, New York
Warner & Swasey Co. (Astronomical, etc.), Cleveland, O.
Warren Leather Goods Co., Worcester, Mass.

14939-40 Tell Tales (Rope)

Strong Carlisle & Hammond Co. ("Strong"), 336 Frankfort av, N W, Cleveland, O.

14941—Telpherage (Electric Conveying)

Brown Hoisting Machinery Co., 4403 St. Clair, N E, Cleveland, O.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R. Ry, Phila., Pa.
See adv index at end of book
United Telpherage Co., 101 Park av, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

14942—Temperers (Corn & Grain)

Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Richmond Mfg. Co. ("Niagara"), Lockport, N. Y.

14942a—*Tempering Apparatus for Tubes, Light Bars & Shapes, etc.

Snead & Co. Iron Works (& Automobile Shafts), 98 Pine, Jersey City, N. J.
See adv index at end of book

14943— Tempering Tanks

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
Dover Boiler Works. Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Graver Wm. Tank Works, East Chicago, Ind.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book.*
Kraft A. C., 323 W Lake, Chicago, Ill.
Manitowoc Engineering Works, Manitowoc, Wis.

14944—Tempering to Order

American Metal Treatment Co., Elizabeth, N. J.
BARNES THE WALLACE CO., 18 Wallace, Bristol, Conn.
See adv index at end of book
Cary Spring Works ("Cary"), 240 W 29th, New York
Harrow Spring Co., Colby-Abbott bldg, Milwaukee, Wis.
KNAPP ARTHUR, ENGINEERING CORP., 30 Church, New York.
See adv index at end of book
Myall-Wallace Co., 17 E Austin av, Chicago, Ill.
National Cycle & Mfg. Co., Bay City, Mich.
Sterling Drop Forge Works, 112 N La Salle, Chicago, Ill.
Vincent Steel Process Co. ("Vincent," Process), 751 Bellevue av, Detroit, Mich.

14945— *Template

UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane blvd, Buffalo, N. Y.
See adv index at end of book

14945a— *Templates (Concrete Road)

HELTZEL STEEL FORM & IRON CO., Warren, O. *See adv index at end of book.*

14946— *Templet

UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane blvd, Buffalo, N. Y.
See adv index at end of book

14947— *Templet Material

See also Boards, Templet
Also Lumber, Templet

UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane blvd, Buffalo, N. Y.
See adv index at end of book

14948— Ten Pins

Bogert & Hopper, 67 Barclay, New York
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Hellenberg J. B. Co., Coldwater, Mich.
Klumpp's Jno. G. Sons, 13 Baxter, New York
Kohaut John C., 117 Green, Newark, N. J.
McMillan's W. H. Sons, 153 South, New York

14949— Tenderers (Meat)

Chatillon Jno & Sons, 85 Cliff, New York
Fanner Mfg. Co., Cleveland, O.
Thurnauer G. M. Co., 6 E 20th, New York

14950—Tenders (Traction Engine)

Nichols & Shepard Co., Battle Creek, Mich.

14950a—Tennis Court Back Stops

Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.

14951—Tennis Racquet Mfrs.

Bancroft Fred'k J., Pawtucket, R. I.
Baumgartner Eugene, 829 W 53d pl, Chicago, Ill.
Horsman E. I. Co., 11 Union Square, New York
Kinsella Walter A. Co. (Imp.), 304 Madison av, New York
Lee Harry C. & Co. ("Dreadnought"), 97 Chambers, New York
McLoughlin, Bundy & Sinsbaugh, Haas bldg, Los Angeles, Cal.

14952—Tents (Contractors', Etc.)

ARKANSAS.

FORT SMITH—Tucker Duck & Rubber Co.
LITTLE ROCK—Little Rock Tent & Awning Co.

CALIFORNIA.

FRESNO—Pacific Tent & Awning Co.
LOS ANGELES—Campbell O. A., 1252 W 24th
SAN FRANCISCO — Ames-Harris-Neville Co., Portrero & Alameda
Hendrix-Luebbert Mfg. Co., 326 Howard

COLORADO.

DENVER—Brooks Tent & Awning Co.
Colorado Tent & Awning Co.
Denver Tent & Awning Co.
Schaefer Tent & Awning Co.
PUEBLO—Burch F. J. Mfg. Co.

GEORGIA.

ATLANTA—ATLANTA TENT & AWNING Co. (All Kinds)
Fulton Bag & Cotton Mills
DALTON—Smith M. D. & H. L. Co.

ILLINOIS.

CHICAGO—Carpenter Geo. B. & Co. ("Shuredry"), 440 N Wells
Channon H. Co., 150 N Market
Chicago Flag & Decorating Co., 1345 S Wabash av
Cook E. C. & Bro., 827 Loomis
Murray & Co., 625 Fulton
U. S. Tent & Awning Co., 231 N Desplaines
Walger Awning Co., 215 W Ohio
ELGIN—Ziegler Bros. Co.
PEORIA—Peoria Tent & Awning Co., 119 Main

INDIANA.

EVANSVILLE—Anchor Supply Co.
INDIANAPOLIS—Eberhardt & Co.
Indianapolis Tent & Awning Co.

IOWA.

DES MOINES—Des Moines Tent & Awning Co.
Seick Tent & Awning Co.
SIOUX CITY—McNeil H. C. & Son

KANSAS.

KANSAS CITY—Wyandotte Awning & Tent Co. ("Kopka" Awnings)
TOPEKA—Topeka Tent & Awning Co.

KENTUCKY.

COVINGTON—Lushbaugh W. H.
LEXINGTON—Southern Tent & Awning Co.

LOUISIANA.

SHREVEPORT—Brewer G. H.

MASSACHUSETTS.

GLOUCESTER—Rowe E. L. & Son
SPRINGFIELD—Meyer L. M. & Co.

MICHIGAN.

DETROIT—Goss J. C. Co.
Johnson John Co.

MINNESOTA.

DULUTH—Marshall-Wells Hardware Co.
MINNEAPOLIS—American Tent & Awning Co., 307 Washington av, N
Holgaard C. J. Co., 30 Washington av, N
Saunders H. J., 900 Hennepin av
ST. PAUL—Minnesota Tent & Awning Co., 15 W 3rd

MISSOURI.

KANSAS CITY—Baker & Lockwood Mfg. Co.
Carnie-Goudie Mfg. Co., 22d & Grand av.
ST. LOUIS—Acme Tent & Awning Co., 1012 Market
Dougherty Bros. Tent & Awning Co., 116 S 4th
Missouri Tent & Awning Co., 208 Chestnut
Morrison Tent & Awning Co., 213 N 3d
Mound City Duck & Rubber Co., 832 N B'way
Sanders Duck & Rubber Co., Silk Exchange bldg
Wenzel H. Tent & Duck Co., 1036 Paul
Zittlosen Mfg. Co., Park & Dolman

NEBRASKA.

FREMONT—Rogers Tent & Awning Co.
GENEVA—Mowry David C. & Son
LINCOLN—Lincoln Tent & Awning Co.
Western Tent & Awning Co.
OMAHA—Wolf Bros. Tent & Awning Co.

NEW YORK.

ALBANY—Stoneman M. G. & Son.
NEW YORK—Boyle John & Co., 112 Duane
Harwood & Son (Also Export), 175 W B'way
Hoffman-Corr Mfg. Co., 594 B'way
McHugh Mfg. Co., 242 W 41st
Magee M. & Son, 147 Fulton
Martin Thomas, 304 Canal
Mills Andrew & Sons, 53 South
Rehm & Co., 214 Wash.
Skelton Frederick, 200 5th av
Smith Arthur F. Co., 261 Canal
ROCHESTER—Field James Co.
SYRACUSE—Gibbs Chas. M.
Rider A. J.
TROY—Bartle H. J. Mfg. Corp.

OHIO.

CANTON—Canton Tent & Awning Co.
COLUMBUS—Buckeye Tent & Awning Mfg. Co., 264 Spruce
Columbus Tent & Awning Co.
TOLEDO—Hettrick Mfg. Co.
OHIO CANVAS GOODS MFG. CO.

OREGON.

PORTLAND—Ames Harris Neville Co., 15th & Hoyt
Noon Bag Co., 32 N 1st
Portland Tent & Awning Co., 16 N Front

PENNSYLVANIA.

PHILADELPHIA—Humphry's R. A. Sons, 1021 Callowhill
PITTSBURGH — Pittsburgh Waterproof Co., 435 Liberty av

TEXAS.

HOUSTON—Repsdorph Tent & Awning Co.
Kattmann & Kneeland Tent Co.
WACO—Clifton Mfg. Co.

WASHINGTON.

SEATTLE—Puget Sound Tent & Duck Co.
Seattle Tent & Awning Co.
SPOKANE—Berg F. O. Co.

WEST VIRGINIA.

WHEELING—Wheeling Tent & Awning Co.

WISCONSIN.

MADISON—Gallagher John Co.
Madison Tent & Awning Co.

14953— Tents (Umbrella)

Troy Carriage Sun Shade Co., Troy, O.

14954— Tents (Window)

American Rolling Mill Co. ("American Ingot Iron"), Middletown, O.
Cabinet Mfg. Co. ("Walsh"), Quincy, Ill.

Terminals (Fuse)

See Terminals Telephone Cable

14955—Terminals (Light & Power)

Slazenger F. L., 12 E 43rd, New York
Spalding A. G. & Bros., 126 Nassau, New York
Standard Underground Cable Co. ("Davis"), Pittsburgh, Pa.
Wright & Ditson, 344 Washington, Boston, Mass.
Zimmerman J. N., Owosso, Mich.

14956-7—Terminals (Primary & Secondary)

Breaznell J. H., 26 Court, Brooklyn, N. Y.
Central Mach. & Supplies Co., 148 Chambers, New York
Condit Electrical Mfg. Co., 1st & L, Boston, Mass.
Connecticut Tel. & Elec. Co., 70 Britnia, Meriden, Conn.
Elk Mfg. Co., 1926 B'way, New York
Erie Metal Products Co., Erie, Pa.
Fitzgerald Mfg. Co., Torrington, Conn.
Francis-Rand Co., Erie bldg, Cleveland, O.
Herz Co., 245 W 55th, New York
Lemke Elec. Co., 509 Cedar, Milwaukee, Wis.
Meliorate Mfg. Co., 246 Hall, Brooklyn, N. Y.
Michigan Motor Specialties Co., 40 Dubois, Detroit, Mich.
MORSE FRANK W. ("Morse Eureka"), 289 Congress, Boston, Mass.
See adv index at end of book
Royal Auto Supply Co., Bloomfield, N. J.
Shain Chas. D., Rockaway pkw, Brooklyn, N. Y.
Sherman H. B. Mfg. Co., Battle Creek, Mich.

14958—Terminals (Service)

Brady Electric Mfg. Co. (Waterproof), New Britain, Conn.
Erie Metal Products Co., Erie, Pa.
Phila. Electrical & Mfg. Co. ("Pemco."), 1236 N 31st, Phila., Pa.

14959— Terminals (Spring)

MORSE FRANK W. ("Morse Eureka"), 289 Congress, Boston, Mass.
See adv index at end of book

14960-1— Terminals (Telephone Cable)

American Electric Co., 6401 S State, Chicago, Ill.
Bissell F. Co. ("Security"), Toledo, O.
Central Tel. & Electric Co. ("Becker" Terminal Heads), 311 N 11th, St. Louis, Mo.
Cook Frank B. Co. (All Metal), 326 W Madison, Chicago, Ill.
Dossert & Co., 242 W 41st, New York
Electrical Engineers Equipment Co., 711 Meridian, Chicago, Ill.
Fahnestock Electric Co., Meadow, Long Island City, N. Y.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Lafayette Electric & Mfg. Co., Lafayette, Ind.
Moon Mfg. Co. ("Moon"), 122 N Jefferson, Chicago, Ill.
Mutual Electric & Machine Co., 232 Fort W, Detroit, Mich.
Protective Electrical Supply Co., Fort Wayne, Ind.
Standard Undeground Cable Co. ("Davis"), Pittsburgh, Pa.
Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

14962— Terminals (Wire)

Bliss-Chester Co. (Duplex), 31 Mathewson, Providence, R. I.
Dossert & Co., 242 W 41st, New York
Herz & Co., 245 W 55th, New York
Michigan Motor Specialties Co. ("Becco"), Detroit, Mich.
Mosler A. R. & Co., Woodlawn, N. Y.
Noonan A. S. Tool & Machine Wks., Rome, N. Y.
Pittsfield Spark Coil Co., Pittsfield, Mass.
Sherman H. B. Mfg. Co., Battle Creek, Mich.
Universal Electric Stage Lighting Co ("Kliegl" for Asbestos Wire), 240 W 50th, New York

Terne Plate Mfrs.

See Tin Plate Mfrs.

14963— Terra-Alba

Chrystal Charles B. (Imp.), 13 Cliff, New York. *See adv index at end of book*
Daniels Willard B. (Imp.), 252 Front, New York
Hammill & Gillespie (Imp.), 240 Front, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia.
Higginson Mfg. Co., Newburgh, N. Y.
Keystone Plaster Co. (For Paint Mfrs.), Chester, Pa.
King J. B. & Co., 17 State, New York
Nevins Sam'l Co., 109 S 2d, Phila., Pa.
Salomon L. A. & Bro. (Imp.), 216 Pearl, New York
Scheel W. H. (Imp.), 159 Maiden la, New York
Whittaker Clark Daniels (Inc.), (Imp.), 250 Front, New York
WILLIAMS C. K. & CO. ("Anchor Brand," Imp.), Easton, Pa.

14964—Terra Cotta (Architectural)

Advance Terra Cotta Co., 29 So La Salle, Chicago, Ill.
American Fire Brick Co., Spokane, Wash.
American Terra Cotta & Ceramic Co., Peoples Gas bldg, Chicago, Ill.
Atlanta Terra Cotta Co., Atlanta, Ga.
Atlantic Terra Cotta Co., 1170 B'way, New York
Brick Terra Cotta & Tile Co., Corning, N. Y.
Clark N. & Sons, 116 Natoma, San Francisco, Cal.
CONKLING-ARMSTRONG TERRA COTTA CO., Wissahickon av & Juniata, Phila., Pa.
Denny-Renton Clay & Coal Co., Seattle, Wash.
Denver Terra Cotta Co., Denver, Colo.
Gladding, McBean & Co., Crocker bldg, San Francisco, Cal. Works: Lincoln, Ga.
Indianapolis Terra Cotta Co., Indianapolis, Ind.
Kansas City Terra Cotta & Faience Co., 19th & Manchester, Kansas City, Mo.
Ketcham O. W., 24 S 7th, Phila., Pa.
Midland Terra Cotta Co., 3 S La Salle, Chicago, Ill.
National Terra Cotta Co., S cor 16th & Oakland, Kansas City, Mo.
New Jersey Terra Cotta Co., 149 B'way, New York
New York Architectural Terra Cotta Co., 401 Vernon av, Long Island, N. Y.
Northern Clay Co., Auburn, Wash.
Northwestern Terra Cotta Co., General Office & Works: 2525 Clybourne av, Chicago, Ill.
St. Louis Terra Cotta Co., 5815 Manchester, St. Louis, Mo.
South Amboy Terra Cotta Co., 150 Nassau, New York
Washington Brick, Lime & Sewer Pipe Co., Spokane, Wash.
Western Terra Cotta Co., Kansas City, Mo.
White Scott A. (Mfrs. Agt., Northwestern), Oliver bldg, Pittsburgh, Pa.
Winkle Terra Cotta Co., 502 Century bldg, St. Louis, Mo.

14965—Terra Cotta (Architectural, Enameled or Glazed)

Atlantic Terra Cotta Co., 1170 B'way, New York
Conkling-Armstrong Terra Cotta Co., Wissahickon av & Juniata, Phila., Pa.
Denver Terra Cotta Co., Denver, Colo.
Federal Terra Cotta Co., 101 Park av, New York
Gladding, McBean & Co., Crocker bldg, San Francisco, Cal. Works: Lincoln, Cal.
Hartford Faience Co., Hartford, Conn.
Kansas City Terra Cotta & Faience Co., 19th & Manchester, Kansas City, Mo.
New Jersey Terra Cotta Co., 149 B'way, New York
New York Architectural Terra Cotta Co., 401 Vernon av, Long Island City, N. Y.
Northern Clay Co., Auburn, Wash.
Northwestern Terra Cotta Co. (Granite Color), General Offices & Works: 2525 Clybourn av, Chicago, Ill.
St. Louis Terra Cotta Co., 5815 Manchester av, St. Louis, Mo.
South Amboy Terra Cotta Co., 150 Nassau, New York
Western Terra Cotta Co., Kansas City, Mo.
Winkle Terra Cotta Co., Century bldg, St. Louis, Mo.

Terra Cotta Hip Rolls

See Roofing Tile, Terra Cotta

Terra Cotta Lumber

See Fire Proof Hollow Tile; also Fire Proofing, Porous Brick & Tile

14966—Terra Cotta (Polychrome & Faience)

Atlanta Terra Cotta Co., East Point, Ga.
Atlantic Terra Cotta Co., 1170 B'way, New York
Federal Terra Cotta Co., 101 Park av, New York
Kansas City Terra Cotta & Faience Co., 19th & Manchester, Kansas City, Mo.
New Jersey Terra Cotta Co., 149 B'way, New York
New York Architectural Terra Cotta Co., 401 Vernon av, Long Island City, N. Y.
St. Louis Terra Cotta Co., 5815 Manchester av, St. Louis, Mo.
Winkle Terra Cotta Co., Century bldg, St. Louis, Mo.

14967— Terrazzo Flooring

See also Mosaics of Various Kinds

Am. Marble Mosaic Co., 534 Market, Milwaukee, Wis.
American Mosaic & Tile Co., Louisville, Ky.
Art Mosaic & Tile Co., Toledo, O.
Batterson & Eisele, Edgewater, N. J.
Belfi Bros. & Co., 1923 Market, Phila., Pa.
Mion E., Atlanta, Ga.
Cascio S., 1259 Flushing av, Brooklyn, N. Y.
Italian Marble Mosaic Co., 431 Spruce, Phila., Pa.
Italian Mosaic & Marble Co., Buffalo, N. Y.
McLaury D. H. Tile Co., 103 Park av, New York
Mion C., Atlanta, Ga.
Roman Mosaic & Tile Co., Inc., 435 Green, Phila., Pa.
Schenectady Tile Co., Schenectady, N. Y.
Shipway John H. & Bro., Locust av & 136th, New York
Standard Mosaic Tile Co., 525 S Peoria, Chicago, Ill.
Toscani Jno. L. Co., 930 E 178th, New York
White Marble & Terrazzo Co., Lee, Mass.
Whitestone Marble Co., Atlanta, Ga.

14968—Terrazzo (Wholesale)

Jackson C. D. & Co. (Imp.), 105th & E. R., New York
Whitestone Marble Co., Atlanta, Ga.

14969— Terrets (Hame)

Frazer & Jones Co., Syracuse, N. Y.
North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.

14970—*Test Connectors (Telephone & Telegraph Wires)

DIAMOND EXPANSION BOLT CO ("Diamond"), 89 West, New York
See adv index at end of book

14971-2-3— Test Weights

Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.

14974— Testers (Center)

STARRETT L. S. CO. (THE), Athol, Mass. *See adv index at end of book*

14975— Testers (Circuit)

Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
Weston Electrical Instrument Co., Waverly pk, Newark, N. J.

14976— Testers (Creamery)

Burrell D. H. & Co. ("Facile Babcock"), Little Falls, N. Y.
Creamery Package Mfg. Co. ("Wizard," "Crepaco," "20th Century"), 61 W Kinzie, Chicago, Ill.
Dairy Specialty Co. ("Babcock"), West Chester, Pa.
Edson Wyman L., Union Center, N. Y.
Luther Grinder Mfg. Co. ("Best Maide" Babcock), 285 So. Water, Milwaukee, Wis.
Rock Island Mfg. Co., Rock Island, Ill.
Vermont Farm Machine Co. ("Agos," Babcock), Bellows Falls, Vt.

14977-8— Testers (Egg)

Ferer J. Falls City, Nebr.
Kentucky Stamping Co. ("Kentucko"), Louisville, Ky.
Ozark Electric Co., Aurora, Mo.
Rigling Wm. Egg Tester & Mfg. Co., Hamilton, O.

14979-80— Testers (Fuse)

Electric Specialty Co. ("Addie"), Cresco, Iowa

14981— Testers (Grain)

See also Scales, Grain Testing

Buffalo Scale Co. (Inc.) ("Buffalo"), 1205 Niagara, Buffalo, N. Y.
Caldwell H. W. & Son Co. ("Caldwell"), 17th & Western av, Chicago, Ill.
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Seed Trade Reporting Bureau, Postal Telegraph bldg, Chicago, Ill.
Standard Scale & Supply Co. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa.

Testers (Ham)

See Tryers, Ham

14982— Testers (Hoof)

Heller Bros. Co., 879 Mt. Prospect av, Newark, N. J.

Testers (Milk)

See Testers, Creamery

14983— Testers (Mine Gas)

Quimby Engng. Co., 913 Ridge av, Phila., Pa.

14984— Testers (Paper)

See also Testing Machines, Paper

Ashcroft Mfg. Co., 119 W 40th, New York
Illinois Iron & Bolt Co. ("Southworth" Hydrostatic), Carpentersville, Ill.
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
Perkins B. F. & Son ("Mullen"), Holyoke, Mass.
WALTHAM MICROMETER DIAL GAUGE CO. ("Randall & Stickney" Dial Thickness), 248 Ash, Waltham, Mass.
See adv index at end of book

14985—Testers (Rail Bond)

Roller-Smith Co., 233 B'way, New York
Thompson-Levering Co. ("Peerless"), 323 Arch, Phila., Pa.

14986—Testers (Seed Corn)

Burgess & Norton Mfg. Co. ("Burnor Universal" "Browns Perfect"), Geneva, Ill.
National Mfg. Co., Des Moines, Ia.
Standard Seed Tester Co. (Galvanized), Decorah, Iowa

14987—Testers (Sulphur & Naphthalene)

Connelly Iron Sponge & Governor Co., 227 Fulton, New York

14988—Testers (Water Meter)

Ford Meter Box Co., Wabash, Ind.
Mueller H. Mfg. Co., Decatur, Ill.
Smith A. P. Mfg. Co. ("Wood"), East Orange, N. J.

14989—Testing Apparatus (Water Meter)

BUFFALO METER CO. ("American"), 2921 Main, Buffalo, N. Y.
See adv index at end of book

14990—*Testing Instruments & Meters (Electrical)

BRISTOL CO. ("Bristol's" Recording), Waterbury, Conn.
See adv index at end of book
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO. (Also Measuring), East Pittsburgh, Pa.
See adv index at end of book

Testing Machine Mfrs.

For all Testing Machines see Index of Contents

14991—*Testing Sets (Electrical)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

14992— Tetrachloride of Tin

Bower Henry Chemical Mfg. Co., 29th & Gray's Ferry rd, Phila., Pa.
General Chemical Co., 25 Broad, New York
Goldschmidt Detinning Co., 120 B'way, New York

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14993—Textile Machinery, Supplies, Etc.

NOTE.—For various kinds of Textile Machinery, Textile Mill Supplies, etc., see sub-classifications of this head, following in regular alphabetical order. If you fail to find any particular article you are looking for classified here, consult the index of Contents. If not then successful in locating it, drop us a line, describing article required, and we will, free of charge, use our best efforts to look it up for you.

14994— Agers (Aniline)

Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.

14995—Apron Leather (Rawhide)

Coupe Wm. Co. (Ltd.) ("Excelsior"), S Attleboro, Mass.

14996—Apron Leather (Worsted)

Brown Bros. Co., 62 Exchange pl, Providence, R. I.
Coupe Wm. Co. (Ltd.) ("Excelsior"), S Attleboro, Mass.
Foulds I. & Son, Hudson, Mass.
Houghton E. F. & Co. ("Vim"), 240 W Somerset, Phila., Pa.
North Chelmsford Machine & Supply Co., North Chelmsford, Mass.

14997— Aprons (Endless)

Barlow Jno. W. Co., Lawrence, Mass.
Boston Belting Co., 84 Linden Park, Boston, Mass.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Harwood Geo. S. & Son, 53 State, Boston, Mass.
N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.

14998— Aprons (Loom)

Pease L. F. Co., 7 Crawford, Providence, R. I.

14999—Aprons (Worsted Combing)

American Multiple Fabric Co., 183 Hartford av, Providence, R. I.
Barlow Jno. W. Co., Lawrence, Mass.
Barnes Henry K. Co., 234 Devonshire av, Boston, Mass.
Coupe Wm. Co. (Ltd.) ("Excelsior"), S Attleboro, Mass.
Harwood Geo. S. & Son, 53 State, Boston, Mass.
North Chelmsford Machine & Supply Co., North Chelmsford, Mass.
Norwich Belt Mfg. Co., Norwich, Conn.
Parr Wm. & Son, Lowell, Mass.
Pechin Belting Co. (Chrome & Oak), Fairmount & Front, Phila., Pa.

15000— Bale Breakers

Firth Wm. ("Asa Lees & Co.," Ltd.), 200 Devonshire, Boston Mass.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.

15000a—*Ball Bearing Applications for Textile Machinery

HUBBARD MACHINE CO., Worcester, Mass.

15001— Ball Winding Machines

Franklin Machine Co., 189 Charles, Providence, R. I.
North Chelmsford Machine & Supply Co., North Chelmsford, Mass.

15002— Bailing Machines

Curtis & Marble Machine Co., Worcester, Mass.
Draper Corp., Hopedale, Mass.
Entwistle T. C. Co., Lowell, Mass.
Riley C. E. Co., 161 Devonshire, Boston, Mass.
Saco-Lowell Shops, Boston, Mass.
Smith Jas. Woolen Machinery Co., Hancock & Somerset, Phila., Pa.
Smith & Furbush Machine Co. ("Furbush"), Hancock & Somerset, Phila., Pa.
Torrance Mfg. Co., Harrison, N. J.

15003—Band Folding & Cutting Machines

Firshing John A., Utica, N. Y.

15004—Bandage Splitting & Rolling Machines

Curtis & Marble Machine Co., Worcester, Mass.

15005— Banding Machines

Draper Corp., Hopedale, Mass.

Bands (Hosiery)

See Hosiery Bands

15006— Beamers

Altemus Jacob K., 2824 N 4th, Phila., Pa.
Atwood Machine Co., Stonington, Conn.
Cocker Machine & Fdry. Co., Gastonia, N. C.
Crompton & Knowles Loom Works Worcester, Mass.
Eastwood Benj. Co., Paterson, N. J.
Entwise T. C. Co., Lowell, Mass.
Globe Machine & Foundry Co., Church & Tackawanna, Phila., Pa.
Hughes & Russum, Oxford & Hedge, Phila., Pa.
Knapp C. H., Paterson, N. J.
Lever Oswald Co., 13th & Cumberland, Phila., Pa.
Smith Jas. Woolen Machinery Co., Hancock & Somerset, Phila., Pa.
Smith & Furbush Machine Co. ("Furbush"), Hancock & Somerset, Phila., Pa.

15007— Beaming Rathes

Walker Mfg. Co., Kensington & Ontario, Phila., Pa.

15008-9— Belt Hole Guards

Draper Corp., Hopedale, Mass.

15010— Bleaching Machinery

Arlington Machine Works, Arlington Heights, Mass.
Birch Bros., Somerville, Mass.
Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Empire Laundry Machinery Co., 352 Western av, Boston, Mass.
Holyoke Machine Co., Holyoke, Mass.
Hunt Rodney Machine Co., Orange, Mass.
Hussong Dyeing & Machine Co., Groveville, N. J.
Klauder-Weldon Machine Co., Amsterdam, N. Y.
Phila. Drying Machinery Co., 3351 Stockley, Phila., Pa.
Smith, Drum & Co., Allegheny av & 4th, Phila., Pa.
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.
Watson Machine Co., Paterson, N. J.
Winsor & Jerauld Mfg. Co., 223 Harrison, Providence, R. I.

15010a— Blocks (Ribbon)

Allentown Reed Harness & Mill Supply Co., Allentown, Pa.

15011— Bluing Machines

Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.

15012— Bobbin Boxes

Standard Fibre Co. (Fibre), Miller st, Somerville, Mass.

15013— Bobbin Holders

Draper Corp. ("MacColl," "Lawrence," "Rhoades"), Hopedale, Mass.
Murdock & Geb Co. ("Murdock" for Mules, Winders & Twisters), Franklin, Mass.
Roney & Rae Co. ("Little Giant"), Woonsocket, R. I.

15013a— Bobbin Printing Machines

Blandin Co., Lawrence, Mass.

15014— Bobbin Rings

Morgan Spring Co., Worcester, Mass.
See adv index at end of book

15015— Bobbin Winders

Altemus Jacob K., 2824 N 4th, Phila., Pa.
Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.
Johnson & Bassett, Worcester, Mass.
Lazenby F. A. & Co., 414 Key Highway, Baltimore, Md.
Lever Oswald Co., 13th & Cumberland, Phila., Pa.
R. I. Braiding Machine Co., 228 Aborn, Providence, R. I.
Seifert Special Machinery Co., Inc. (Automatic), 308 Pearl, Hartford, Conn.
Smith James Woolen Machinery Co., Hancock & Somerset, Phila., Pa.
Smith & Furbush Machine Co. ("Furbush"), Hancock & Somerset, Phila., Pa.
Textile Machine Works, Reading, Pa.
Universal Winding Co. ("Leesona"), 95 South, Boston, Mass.

15016— Bobbins

Allentown Bobbin Works (Fibre Head & All Wood), Allentown, Pa.
American Supply Co., 135 Washington, Providence, R. I.
Atwood, Crawford Co., Pawtucket, R. I.
Avoca Mfg. Co., Avoca, N. Y.
Baldwin Jas. Co., Manchester, N. H.
Billington Jos. H. Co., 113 Chestnut, Phila., Pa.
Bogert & Hopper (Filler Stick), 67 Barclay, New York
Brown Bros. Co., 62 Exchange pl, Providence, R. I.
Clover Leaf Mfg. Co., Carbondale, Pa.
Courtney D. S., Co., Chicopee, Mass.
Crandall G. H. Co. (Winder), Cohoes, N. Y.
Dudley S. A., Taunton, Mass.
Eaton Hy. A. & Son, Littleton, N. H.
Estes F. B. & Sons, 364 5th av, New York
See adv index at end of book
Excelsior Bobbin & Spool Co., Newtown, Pa.
Fall River Bobbin & Shuttle Co., Fall River, Mass.
Fall River Foundry & Machine Co., Fall River, Mass.
Frost Geo. T. & Sons, Paterson, N. J.
Hall I. A. Est. of, Paterson, N. J.
Hamilton Bros. Co., Goffstown, N. H.
Hartford Machine Screw Co. Sewing Machine), Hartford, Conn.
Hartson L. M. Co. (Iron, Fibre & Wood Heads), North Windham, Conn.
Jordan Mfg. Co., Monticello, Ga.

Leigh & Butler ("Wilson Bros."), 232 Summer, Boston, Mass.
Macordi Fibre Co. (Fibre), Woonsocket, R. I.
Moore C. C., Lisbon, N. H.
Mossberg Frank Co. (Stamped Steel), Attleboro, Mass.
Nashua Spool & Bobbin Co. (All Kinds), Grove Hall Station, Boston, Mass.
Orleans Bobbin Works, Newport, Vt.
Parker-Young Co., Lisbon, N. H.
Payne Geo. W. & Co. (Hosiery Winder), Pawtucket, R. I.
Potter Bros., South Scituate, R. I.
Shelburne Mfg. Co. (In the Rough & Finished), Shelburne, N. H.
Speed & Stephenson (Wilson & Co., Barnsley (Ltd.), 170 Summer, Boston, Mass.
Sprague L. Co., Lawrence, Mass.
Stephenson Mfg. Co. (Wooden), South Bend, Ind.
Sweet & Doyle, Cohoes, N. Y.
Tebbetts E. L. Spool Co., Locke Mills, Me.
Tompkins Bros. Co. (Winder), Troy, N. Y.
U. S. Bobbin & Shuttle Co., 57 Eddy, Providence, R. I.
Van Riper Mfg. Co., Paterson, N. J.
Vermont Spool & Bobbin Co., Burlington, Vt.
Weld Bobbin & Spool Co., 42 Island, Lawrence, Mass.
Whitefield Mfg. Co., Whitefield, N. H.
Williams J. H. Co., Millbury, Mass.
Woodstock Mfg. Co. (Heavy for Rope & Cordage, etc), Charleston, S. C.
Young Chas. A., Easton, N. H.

15017— Boxes (Comber)

National Fibre & Insulation Co., Yorklyn, Del.
Standard Fibre Co. (Fibre), Miller st, Somerville, Mass.

15018—Boxes (Drawing & Roving)

Riley C. E. Co., 161 Devonshire, Boston, Mass.
Saco-Lowell Shops (Worsted), 77 Franklin, Boston, Mass.
Speed & Stephenson, 170 Summer, Boston, Mass.
Wilson Andrew Co. (Metallic), 616 Essex, Lawrence, Mass.
See adv index at end of book

15019— Boxes (Mill)

American Vulcanized Fibre Co. ("Laminar" Dept.), 504 Equitable bldg., Wilmington, Del.
Diamond State Fibre Co. (Fibre), Elsmere, Del.
Keystone Fibre Co., Yorklyn, Del.
National Fibre & Insulation Co. (Fibre), Yorklyn, Del.
Wilson Andrew Co. (Metallic), 616 Essex, Lawrence, Mass.
See adv index at end of book

15020-1— Boxes (Steam)

Leslie, Elliott & Co., Paterson, N. J.
Scannell Boiler Works, Lowell, Mass.
Smith Samuel & Son Co., Paterson, N. J.
Watson Machine Co., Paterson, N. J.

15022—Braid Calendering Machines

Rhode Island Braiding Machine Co., 228 Aborn, Providence, R. I.

15022a—Braid Measuring Machines

Textile Machine Works, Reading, Pa.

15023— Braid Rolling Machines

Rhode Island Braiding Machine Co., 228 Aborn, Providence, R. I.

15024—Breaking Machines (Hard Waste)

Curtis & Marble Machine Co., Worcester, Mass.
Riley C. E. Co., 161 Devonshire, Boston, Mass.

15025— Breasts (Metallic)

Smith James Woolen Machinery Co., Hancock & Somerset, Phila., Pa.
Smith & Furbush Machine Co., Hancock & Somerset, Phila., Pa.

15026— Brushes (Mill)

Bradley & Smith, 251 Pearl, New York
Cocker M. & Co., 10th & Spring Garden, Phila., Pa.
Felton D. D. Brush Co., Atlanta, Ga.
Felton S. A. & Son Co., Manchester, N. H.
Jacobus A. G. Sons, Verona, N. J.
Lahue M. M. & Co., Lowell, Mass.
Mason Brush Works, Worcester, Mass.
Nebes David, Lowell, Mass.
North Chelmsford Machine & Supply Co. (Comb & Machine), North Chelmsford, Mass.
Parks & Woolson Machine Co., Springfield, Vt.
Rhode Island Braiding Machine Co., 228 Aborn, Providence, R. I.
Rhode Island Brush Co., 50 Daniel av, Providence, R. I.
Turner J. S. Mfg. Co. (Comp & Machine). Lowell, Mass.
Voelker Philip L., 2 Bucklin, Providence, R. I.
Woonsocket Brush Co., Woonsocket, R. I.

15027— Burling Irons

American Supply Co., 135 Washington, Providence, R. I.

15028— Burr Blades

Cooper Chas. (Est. of), Bennington, Vt.
Crane Mfg. Co., Lakeport, N. H.
Tompkins Bros. Co., Troy, N. Y.

15029— Burring Machines

Brown Cotton Gin Co., New London, Conn.
Curtis & Marble Mach. Co. (Wool), Worcester, Mass,
Hemingway Machine Co., Lynn, Mass.
Lombard Machine Co. (Steel Ring), Worcester, Mass.
Sargent's C. G. Sons Corp., Graniteville, Mass.
Smith James Woolen Machinery Co., Hancock & Somerset, Phila., Pa.
Smith & Furbush Machine Co. ("Proctor"), Hancock & Somerset, Phila., Pa.

Calendering Machines

See Index of Contents

15030—Calico Printers' Machinery

Arlington Mach. Works, Arlington Heights, Mass.
Birch Bros., Somerville, Mass.
Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.
Waldron Jno. Co., New Brunswick, N. J.

15031— Cans (Cotton)

National Fibre & Insulation Co., Yorklyn, Del.
New England Ventilating & Heating Co., 926 Manton av, Providence, R. I.

15032— Cans (Drying)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
New England Ventilating & Heating Co., 926 Manton av, Providence, R. I.

15033— Cans (Dye House)

Hill James Mfg. Co. (Galvanized Iron), 52 Westfield, Providence, R. I.

15034— Cans (Mill)

Clark W. J. Co., Salem, O.
N. E. Ventilating & Heating Co., 926 Manton av, Providence, R. I.
Wilson Andrew Co. (Metallic), 616 Essex, Lawrence, Mass.
See adv index at end of book

15035— Carbonizers

Birch Bros., Somerville, Mass.
Buhlmann A. W., 200 5th av, New York
Hunt Rodney Machine Co., Orange, Mass.
Hunter Jas. Machine Co., N Adams, Mass.
Hussong Dyeing & Machine Co., Groveville, N. J.
Lord, Bowler & Co., 33 Center, Cleveland, Ohio
Philadelphia Drying Machinery Co. ("Hurricane"), 3351 Stokley, Phila., Pa.
Phila. Textile Machinery Co. ("Proctor"), Tabor, Phila., Pa.
Sargent's C. G. Sons Corp., Graniteville, Mass.
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.

15036— Card Attachments

Rushton-Carroll Co. ("Rushton-Carroll." Under Grid), 34 Tudor, Cambridge, Mass.
Smith & Furbush Machine Co. ("Furbush"), Hancock & Somerset, Phila., Pa.

15036a— Card Cleaners

Lehnert Textile Machy. Co., 53 State, Boston, Mass.

15037— Card Clothing

American Card Clothing Co., Worcester, Mass.
Ashworth Bros., Fall River, Mass.
Bagshaw W. H. Co., Lowell, Mass.
Bates E. V. Machine Co., Lowell, Mass.
Booth Benj. & Co. (Ltd.), 1717 N Bodine, Phila., Pa.
Buhlmann A. W., 200 5th av, New York
Crabb Wm. & Co., 3d av, Newark, N. J.
Davis & Furber Machine Co., N Andover, Mass.
Firth Wm. (Joseph Sykes Bros. & Watson Bros.), 200 Devonshire, Boston, Mass.
Howard Bros. Mfg. Co., Worcester, Mass.
Leigh & Butler ("Joseph Sykes Bros." & "Critchley's"), 232 Summer, Boston, Mass.
Lombard Machine Co., Worcester, Mass.
Speed & Stephenson ("S. Halley & Son," Ltd.), 170 Summer, Boston, Mass.

15038— Card Cutting Machines

Mason Machine Works, Taunton, Mass.
Royle John & Sons (Jacquard), Paterson, N. J.

15039—Card Grinding Machines

Barker James, 6th & Cayuga, Phila., Pa.
Buhlmann A. W., 200 5th av, New York
Entwistle T. C. Co., Lowell, Mass.
Firth Wm. (Dronsfield), 200 Devonshire, Boston, Mass.
Lehnert Textile Machy. Co., 53 State, Boston, Mass.
Leigh & Butler ("Dronsfield Bros."), 232 Summer, Boston, Mass.
Lombard Machine Co., Worcester, Mass.
Mason Machine Works, Taunton, Mass.
Riley C. E. Co. (Mfrs.' Agts.), 161 Devonshire, Boston, Mass.
Roy B. S. & Son Co., Worcester, Mass.
Smith James Woolen Machinery Co., Hancock & Somerset, Phila., Pa.
Smith & Furbush Machine Co. ("Furbush"), Hancock & Somerset, Phila., Pa.

15040— Card Middles

Mac-Sim-Bar Paper Co., Otsego, Mich.
Otsego Coated Paper Co., Otsego, Mich.
Thames River Specialties Co., Uncasville, Conn.

15041—Card Repeaters (Jacquard)

Halton's Thos. Sons, Allegheny av & C, Phila., Pa.

15042—Card Stitching Machines (Jacquard)

Singer Sewing Machine Co., 149 B'way, New York

15043— Card Stretchers

Smith & Furbush Machine Co. ("Furbush"), Hancock & Somerset, Phila., Pa.

15044— Carders' Tools

Roy B. S. & Son Co., Worcester, Mass.

15045— Cards (Cotton)

Fall River Foundry & Machine Co., Fall River, Mass.
Mason Machine Works, Taunton Mass.
Pevey Foundry Co., Lowell, Mass.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Smith & Furbush Machine Co. (Cotton Waste), Hancock & Somerset, Phila., Pa.
Watson L. S. Mfg. Co., Leicester, Mass.
Whitin Mach. Works, Whitinsville, Mass.

15046— Cards (Foss & Pevey)

Fall River Foundry & Machine Co., Fall River, Mass.
Pevey Foundry Co., Lowell, Mass.
Saco-Lowell Shops (Repairs Only), 77 Franklin, Boston, Mass.

15047— Cards (Hand)

Howard Bros. Mfg. Co. ("Midgley's Stripping), Worcester, Mass.
Smith James Woolen Machinery Co., Hancock & Somerset, Phila., Pa.
Watson L. S. Mfg., Leicester, Mass.

15048— Cards (Jacquard)

Case Bros., Highland Park, Conn.
Crehore Chas. F. & Sons, 87 Milk, Boston, Mass.
Lane Albert A., 73 Warren, New York
Rogers Paper Mfg. Co., South Manchester, Conn.

15049—Cards (Revolving Flat)

Firth Wm. ("Asa Lees & Co.", Ltd.), 200 Devonshire, Boston, Mass.
Mason Machine Works, Taunton, Mass.
Potter & Johnston Machine Co., Pawtucket, R. I.
Riley C. E. Co., 161 Devonshire, Boston, Mass.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Whitin Machine Works, Whitinsville, Mass.

15050—Cards (Steel Wire Stripper)

Watson L. S. Mfg. Co., Leicester, Mass.

15051—Cards (Woolen & Worsted)

American Card Clothing Co., Worcester, Mass.
Jefferson Edw. & Bro. (Imp.), 123 S 2d, Phila., Pa.
Lombard Machine Co., Worcester, Mass.
Smith James Woolen Machinery Co., Hancock & Somerset, Phila., Pa.
Smith & Furbush Machine Co. ("Furbush"), Hancock & Somerset, Phila., Pa.
Speed & Stephenson ("Henry Hirst & Sons" Ltd.), 170 Summer, Boston, Mass.
Watson L. S. Mfg. Co., Leicester, Mass.

15052— Carpet Machinery

Altemus Jacob K., 2824 N 4th, Phila., Pa.
Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Crompton & Knowles Loom Works (Weaving), Worcester, Mass.
Curtis & Marble Machine Co., Worcester, Mass.
Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.
Parks & Woolson Mach. Co., Springfield, Vt.
Phila. Textile Machy. Co. ("Proctor," Dryers), Hancock & Somerset, Phila., Pa.
Smith & Furbush Machine Co., Hancock & Somerset, Phila., Pa.
Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.

15053—Carpet Printing Machines

Waldron Jno. Co., New Brunswick, N. J.

15054— Carpet Rolling Machines

Altemus Jacob K., 2824 N 4th, Phila., Pa.
Curtis & Marble Machine Co., Worcester, Mass.

15055— Chenille Machines

Eppler's Jno. Mach. Wks., 629 Filbert, Phila., Pa.

15056— Chinchilla Machines

Curtis & Marble Machine Co., Worcester, Mass.
Hunter James Machine Co. (Napping or Riffing), North Adams, Mass.

15057— Chroming Machines

Phila. Drying Machy Co., 3351 Stockley, Phila., Pa.

15058— Clogs (Dye House)

Steyling Richard, Paterson, N. J.

15059—Cloth Brushing Machines

Arrdey S. B. & Sons, Bristol, Pa.
Buhlmann A. W., 200 5th av, New York
Curtis & Marble Machine Co., Worcester, Mass.
McCreary Edw'd, Cohoes, N. Y.
Parks & Woolson Machine Co., Springfield, Vt.
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.
Thayer P. E. & Co., Pawtucket, R. I.

15060—Cloth Calendering Machines

See also Calendering Machines
Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Curtis & Marble Machine Co., Worcester, Mass.
Dennis John Machine Co., Lowell, Mass.
Kilburn, Lincoln Machine Co., Fall River, Mass.
McCreary Edward, Cohoes, N. Y.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Terhune J. I. Machine Works, 164 Ward, Paterson, N. J.
Textile Finishing Machinery Co. (Pressure & Friction), 171 Westminster, Providence, R. I.
Utica Novelty & Mill Specialty Co., Utica, N. Y.

15061—Cloth Cutting, Folding & Winding Machines

Firsching John A., Utica, N. Y.
Ireland Machine & Fdry. Co., Norwich, N. Y.

15062— Cloth Cutting Machines

Artos Engineering Co. (Automatic), 348 Milwaukee, Milwaukee, Wis.
Birmingham Iron Foundry ("Schofield" Buyer's Shear), Derby, Conn.
Cameron Machine Co., 61 Poplar, Brooklyn, N. Y. *See adv index at end of book*
Dennis John Machine Co., Lowell, Mass.
Eastman Machine Co. ("Eastman"), 779 Washington, Buffalo, N. Y.
Maimin H. Co. ("Maimin" Electric), 251 W 19th, New York
Smith & Winchester Mfg. Co. (Hand & Power), South Windham, Conn.
Spadone Machine Co., Inc. (for Cutting on the Bias), 126 Duane, New York
U. S. Cloth Cutting Machine Co., 414 W. B'way, New York
Universal Cutter Co. (Electric), 4567 Scott av, St. Louis, Mo.
Wildman Mfg. Co. (Electric), Norristown, Pa.

15063—Cloth Expanders (Mycock's)

Leyland Thos. & Co., Readville, Boston, Mass.

15063a—Clothing Hanging Machines

Reliance Machine Works, Hedge & Plum, Philadelphia, Pa.

15064—Cloth Inspecting Machines

Curtis & Marble Machine Co., Worcester, Mass.
Woonsocket Machine & Press Co., Woonsocket, R. I.

15065—Cloth Measuring Machines

Curtis & Marble Machine Co., Worcester, Mass.
Eastwood Benjamin Co., Paterson, N. J.
Elliott & Hall, Worcester, Mass.
Gerry Geo. W. & Son, Athol, Mass.
Goodspeed Machine Co., Winchendon, Mass.
Parks & Woolson Machine Co., Springfield, Vt.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.
Voelker Geo. W. & Co., Woonsocket, R. I.
Windle J. E., Worcester, Mass.

15066— Cloth Rolling Machines

Curtis & Marble Mach. Co., Worcester, Mass.
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.

15067—Cloth Room Sewing Machines

Singer Sewing Mach. Co., 149 B'way, New York

15068—Cloth Stamping Machines

American Finishing Machinery Co. (New Bristle), 141 Milk, Boston, Mass.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.

15069— Cloth Stretchers

Birch Bros., Somerville, Mass.
Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Luther C. A. & Co., Pawtucket, R. I.
Tenney A. E. Mfg. Co., Pawtucket, R. I.
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.

15069a— Cloth Tubes

Southern Novelty Co., Hartsville, S. C.

15070-1—Cloth Turning Machines

Firsching John A., Utica, N. Y.
Fisher Knitting Machine Co., Utica, N. Y.
McCreary Edward, Cohoes, N. Y.
Utica Novelty & Mill Specialty Co., Utica, N. Y.

15072—Collarette Cutting Machines

Firsching John A. (Cutting & Windings), Utica, N. Y.
Utica Novelty & Mill Specialty Co., Utica, N. Y.

15073— Comb Circles & Fallers

Bagshaw W. H. Co., Lowell, Mass.
Bradford Wool Comb Co., 2630 Masche, Phila., Pa.
Bragg Jno. I., 24 Atwood, Providence, R. I.
Crabb Wm. & Co., 3d av, Newark, N. J.
Hood R. H. Co., 1842 Gtn av, Phila., Pa.
Leigh & Butler ("Harding's"), 232 Summer, Boston, Mass.
North Chelmsford Machine & Supply Co., North Chelmsford, Mass.
Riley C. E. Co., 161 Devonshire, Boston, Mass.
Speed & Stephenson ("F. H. Bentham's"), 170 Summer, Boston, Mass.
Townsend Thomas, 157 Orange, Providence, R. I.
Turner J. S. Mfg. Co., Lowell, Mass.

15074— Combs (Cotton)

Leigh & Butler ("Platt's"), 232 Summer, Boston, Mass.
Mason Machine Works, Taunton, Mass.
Whitin Machine Works, Whitinsville, Mass.

15075— Combs (Doffer)

Barker James, 6th & Cayuga, Phila., Pa.
Firth Wm., 200 Devonshire, Boston, Mass.
Smith James Woolen Machinery Co., Hancock & Somerset, Phila., Pa.
Smith & Furbush Machine Co. ("Furbush"), Hancock & Somerset, Phila., Pa.
Speed & Stephenson, 170 Summer, Boston, Mass.
Whitin Machine Works, Whitinsville, Mass.

15076— Combs (Slasher)

American Supply Co., 135 Washington, Providence, R. I.
Andrews Loom Reed Harness Works, Spartanburg, S. C.
Emmons Loom Harness Co., Lawrence Mass.
Gowdey J. A. Reed & Harness Mfg. Co., 1226 No Main, Providence, R. I.
Loom Reed & Harness Co., Charlotte, N. C.
McGregor & Sons, Fall River, Mass.
Sawyer Geo. F. & Son, Saco, Me.
Scholes John & Co., Lowell, Mass.
Walker Mfg. Co., Kensington & Ontario, Phila., Pa.

15077— Combs (Weavers')

Sylvester C. F. & Co., Fall River, Mass.

15078— Combs (Wool)

Bagshaw W. H. Co., Lowell, Mass.
Bradford Wool Comb Co., 2630 Mascher, Phila., Pa.
Bragg Jno. I., 24 Atwood, Providence, R. I.
Leigh & Butler ("Platt's"), 232 Summer, Boston, Mass.
Lombard Machine Co., Worcester, Mass.
Miller Wm. Co., 228 Aborn, Providence, R. I.
Riley C. E. Co., 161 Devonshire, Boston, Mass.
Smith Jas. & Son, Worcester, Mass.
Townsend Thomas, 157 Orange, Providence. R. I.

15079— Compass Boards

Hall I. A. Est. of, Paterson, N. J.

15080— Compellators

Turner J. S. Mfg. Co., Lowell, Mass.

15081— Conditioning Ovens

Emerson Apparatus Co., 251 Causeway, Boston, Mass.

Cone Tubes

See Cop Tubes

15082— Conveyors (Pneumatic)

Buffalo Forge Co., Buffalo, N. Y.
Green Fuel Economizer Co., Beacon, N. Y.
Schnitzler Chas. H., 215 N 2d, Phila., Pa.

15082a— Conveyors (Stock)

Rushton-Carroll Co. ("Rushton-Carroll"), 34 Tudor, Cambridge, Mass.

15083— Conveyors (Waste End)

New England Ventilating & Heating Co., 926 Manton av, Providence, R. I.
Rushton. Carroll Co. ("Robinson & Conley's"), 34 Tudor, Cambridge, Mass.

Cop Skewers

See Skewers

15084— Cop Tube Machinery

Eppler's Jno. Mach. Works, 629 Filbert, Phila., Pa.

15085— Cop Tubes (Paper)

American Paper Tube Co., Woonsocket, R. I.
Bibb Manufacturing Co., Macon, Ga.
Brown Jas. Jr. & Sons, Ring & Main, Phila., Pa.
Calder Machine Works, 420 N 3d, Phila., Pa.
Chase F. A. & Co., 253 W Exchange, Providence, R. I.
Douglas Robt. D., Fall River, Mass.
Fraprie-Douglas Co., Fall River, Mass.
Lowell Paper Tube Corp., Lowell, Mass.
McCausland John, East Providence, R. I.
Pairpoint Corporation, New Bedford, Mass.
Taylor Chas. F. ("Burgess"), 57 Weybosset, Providence, R. I.

15086—Corduroy Cutting Machines

Firth Wm. (Cotton Cord & Velvet Cutting Machine Co.'s), 200 Devonshire, Boston, Mass.

15087—Cotton Batting Machinery

Hunter Jas. Machine Co., N Adams, Mass.
Smith James Woolen Machinery Co., Hancock & Somerset, Phila., Pa.
Smith & Furbush Machine Co. ("Furbush"), Hancock & Somerset, Phila., **Pa.**
Whitin Machine Works, Whitinsville, Mass.

15088—Cotton Cord Cutting Machines

Firth Wm. (Cotton Cord & Velvet Cutting Machine Co.'s), 200 Devonshire, Boston, Mass.

15089— Cotton Machinery

See also the Particular Article Required
Brigham Arthur A., 17 Milk, Boston, Mass.
Brockway & Meckensturm Mach. Co., Moodus, Conn.
Brownell G. L., Worcester, Mass.
Butterworth H. W. & Sons Co. (Finishing). 2415 E York, Phila., Pa.
Cohoes Iron Foundry & Machine Co. (Slashing Machinery of Every Description), Cohoes, N. Y.
Crompton & Knowles Loom Works (Weaving), Worcester, Mass.
Curtis & Marble Machine Co., Worcester, Mass.
Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.
Draper Corp., Hopedale, Mass.
Easton & Burnham Machine Co., Pine, Pawtucket, R. I.
Entwistle T. C. Co., Lowell, Mass.
Fales & Jenks Machine Co., Pawtucket, R. I.
Fall River Fdry. & Mach. Co., Fall River, Mass.
Firth Wm. (Asa Lees & Co.'s), 200 Devonshire, Boston, Mass.
H. & B. Am. Machine Co., Pawtucket, R. I.
Hughes & Russum, Oxford & Hedge, Phila., Pa.
Kilburn, Lincoln Machine Co., Fall River, Mass.
Lazenby F. A. & Co., 414 Key Highway, Baltimore, Md.
Leigh & Butler ("Platt Bros. & Co."), 232 Summer, Boston, Mass.
Mason Machine Works, Taunton, Mass.
Nat'l Machy. Co. (Dealers), 11 Eddy, Providence, R. I.
Parks & Woolson Mach. Co., Springfield, Vt.
Payne Geo. W. & Co., Pawtucket, R. I.
Riley C. E. Co., 161 Devonshire, Boston, Mass.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Sargent's C. G. Sons Corp., Graniteville, Mass.
Schofield Geo. L., 123 N Front, Phila., Pa.
Smith Geo. E. (Dealers), Cohoes, N. Y.
Speed & Stephenson, 170 Summer, Boston, Mass.
Universal Winding Co. ("Leesona"). 95 South, Boston, Mass.
Whitin Machine Works, Whitinsville, Mass.
Whitinsville Spinning Ring Co., Whitinsville, Mass.
Woonsocket Mach. & Press Co., Woonsocket, R. I.

15090—Counters (Spindle Speed)

Draper Corp., Hopedale, Mass.

15091— Counters (Twist)

Scott Henry L. & Co., 101 Blackstone, Providence, R. I.

15092— Crabbing Machines

Birch Bros., Somerville, Mass.
Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Hunter Jas. Machine Co., N. Adams, Mass.
Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.

15093— Creels

Diamond Textile Machine Works, 1820 N 10th, Phia., Pa.
Eastwood Benj. Co., Paterson, N. J.
Knapp Chas. H. (Wrapper), Paterson, N. J.
Lever Oswald Co., (Spool for Warping **Mills for Lace Looms), 13th & Cumberland, Phila., Pa.**
Smith James Woolen Machinery Co., Hancock & Somerset, Phila., Pa.
Smith & Furbush Machine Co. ("Furbush"), Hancock & Somerset, Phila., **Pa.**
Speed & Stephenson, 170 Summer, Boston, Mass.
Tillotson Humidifier Co. (Revolving Ball for Worsted Mills), 78 Fountain. Providence, R. I.

15094—Crochet Machines (Red Blanket)

Merrow Machine Co., Hartford, Conn.

15095— Crocheting Machinery

Berlin Machine Works, 261 B'way, New York
National Automatic Knitter Co., 2725 Mutter, Phila., Pa.

15096— Cuff Cutting Machines

Firsching J. A., Utica, N. Y.

15097—Cuff Machines (Flat Ribbed)

Crane Mfg. Co., Lakeport, N. H.

15098— Cut Markers

Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.

15099—Cutters (Automatic Peg & Lace Hole)

Royle John & Sons, Paterson, N. J.

15100— Cutters (Carpet)

Reed Mfg. Co. (Foot & Belt Power), Springfield, O.

15101-2— Cutters (Chenille)

Altemus Jacob K., 2824 N 4th, Phila., Pa.
Cameron Machine Co., 61 Poplar, Brooklyn, N. Y. *See adv index at end of book*
Lever Oswald Co., 13th & Cumberland, Phila., Pa.

Cutters (Cloth)

See Cutting Machine. For Fabrics

15103— Cutters (Electric)

Eastman Machine Co. ("Eastman"), 779 Washington, Buffalo, N. Y.

15104— Cutters (Flock)

Curtis & Marble Mach. Co., Worcester, Mass.

15105— Cutters (Gusset)

Utica Novelty & Mill Specialty Co., Utica, N. Y.

15106— Cutters (Knit Fabric)

Cameron Machine Co., 61 Poplar, Brooklyn, N. Y. *See adv index at end of book*
Eastman Machine Co. ("Eastman"), 779 Washington, Buffalo, N. Y.
Parsons Machinery Co., Marlboro, Mass.
Tolhurst Machine Works, Troy, N. Y.
Universal Cutter Co., 4567 Scott av, St. Louis, Mo.
Wildman Mfg. Co. (Cloth also), Norristown, Pa.

15107— Cutters (Plush)

Cameron Machine Co., 61 Poplar, Brooklyn, N. Y. *See adv index at end of book*
Eastman Machine Co. ("Eastman"), 779 Washington, Buffalo, N. Y.
Dennis John Machine Co., Lowell, Mass.

15108— Cutters (Rag)

Curtis & Marble Machine Co., Worcester, Mass.
Daniels Machine Co., S. Royalton, Vt.

15109— Cutters (Rib)

Cameron Machine Co., 61 Poplar, Brooklyn, N. Y. *See adv index at end of book*
Cooper Charles (Est. of), Bennington, Vt.
Eastman Machine Co. ("Eastman"), 779 Washington, Buffalo, N. Y.
McCreary Edward, Cohoes, N. Y.

15110— Cutters (Velvet)

Cameron Machine Co., 61 Poplar, Brooklyn, N. Y. *See adv index at end of book*

15111—Cylinders (Knitting Machine)

Austin Machine Works (Hardened Forged Steel), 1821 N 5th, Phila., Pa.
Brinton H. Co., 213 Race, Phila., Pa.
Stafford & Holt, Little Falls, N. Y.

15112— Cylinders (Slasher)

Cohoes Iron Foundry & Machine Co. ("Cohoes" Slashers), Cohoes, N. Y.
Mullin D. W. & Co., Lowell, Mass.
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.

15113—Cylinders & Dials (Knitting Machine)

Austin Machine Works (Up to 24 inches in Diameter), 1821 N 5th, Phila., Pa.
Fidelity Machine & Mfg. Co., 4015 Paul, Fkd., Phila., Pa.
McMichael A., 22 Armat, Phila., Pa.
Pearce Geo. B. & Co., 2316 N 8th, Phila., **Pa.**

15114— Dampening Machines

American Moistening Co., 120 Franklin, Boston, Mass.
Birch Bros., Somerville, Mass.
Curtis & Marble Mach. Co., Worcester, Mass.
Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.

15115— Decoting Machines

Borchers Richard C. & Co., Fkd., Phila., Pa.

15115a— Dobby Chains

Rice-Dobby Chain Co., Millbury, Mass.

15116-7— Dobbies

Atwood Machine Co., Stonington, Conn.
Crompton & Knowles Loom Works, Worcester, Mass.
Eastwood Benj. Co. (Silk), Paterson, N. J.
Halton's Thos. Sons, Allegheny av & C, Phila., Pa.
Kilburn Lincoln Machine Co., Fall River, Mass.
Mason Machine Works, Taunton, Mass.
Stafford Co., Readville, Mass.
Voelker Geo. W. & Co., Woonsocket, R. I.
Whitin Machine Works, Whitinsville, Mass.

15118— Doffing Boxes

National Fibre & Insulation Co., Yorklyn, Del.
Standard Fibre Co., Miller st., Somerville, Mass.

15119— Doublers

Atwood Machine Co. (Worsted & Cotton Yarn), Stonington, Conn.
Collins Bros. (Patent Trap Drum), Pawtucket, R. I.
Curtis & Marble Machine Co. (Cloth), Worcester, Mass.
Eastwood Benj. Co. (Silk), Paterson, N. J.
Hall F. A. & P., Lawrence, Mass.
Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.
Textile Machine Works, Reading, Pa.

15120— Drawing (Frame Pins)

Crabb, Wm. & Co., Newark, N. J.

15121— Dressers (Cotton)

Whitin Machine Works, Whitinsville, Mass.

15122— Dressers (Thread)

Atwood Machine Co., Stonington, Conn.
Luther C. A. & Co., Pawtucket, R. I.

15123— Dressers (Warp)

Smith Jas. Woolen Machy. Co., Hancock & Somerset, Phila., Pa.
Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.

15124— Dressers (Yarn)

Franklin Machine Co., 189 Charles, Providence, R. I.
Luther C. A. & Co., Pawtucket, R. I.

15125— Drop Wires

Blackstone Reed & Harness Co., 41 Bayley, Pawtucket, R. I.
Brooks M. S. & Sons, Chester, Conn.
Hopedale Mfg. Co., Milford, Mass.
National Ring Traveler Co., 257 W Exchange, Providence, R. I.
Mossberg Frank Co., Attleboro, Mass.

15126—Drums (Tapestry Printing)

Crompton & Knowles Loom Works, Worcester, Mass.

15127—Dry Poles (Enameled) for Silk Dyers

American Enamel Co., Providence, R. I.

15128— Dryers (Carpet)

Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Curtis & Marble Machine Co., Worcester, Mass.
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book

15129— Dryers (Cloth)

Barney Ventilating Fan Works (A. B. Franklin, Prop.), 19 Chardon, Boston, Mass.
Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Curtis & Marble Machine Co., Worcester, Mass.
Green Fuel Economizer Co., Beacon, N. Y.
Heathcote Jno. & Son, 212 Eddy, Providence, R. I.
Phila. Drying Machy. Co. ("Hurricane"), 3351 Stokley, Phila, Pa.
Phila. Textile Machy. Co. ("Proctor"), Tabor, Phila., Pa.
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.
Utica Novelty & Mill Specialty Co. ("Johnston" Vertical), Utica, N. Y.

15130— Dryers (Cotton)

Phila. Drying Machy. Co. ("Hurricane"), 3351 Stokley, Phila, Pa.
Phila. Textile Machy. Co. ("Proctor"), Tabor, Phila., Pa.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Salem Iron Works, Winston Salem, N. C.
Sargent's C. G. Sons Corp., Graniteville, Mass.
Speed & Stephenson, 170 Summer, Boston, Mass.
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.

15131— Dryers (Hair)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Philadelphia Drying Machinery Co. ("Hurcane"), 3351 Stokley, Phila., Pa.
Philadelphia Textile Machinery Co. ("Proctor" Fireproofing, for Tanners, etc), Tabor, Phila., Pa.
Sargent's C. G. Sons Corp., Graniteville, Mass.
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book

15132— Dryers (Hot Air Apron)

Smith Jas. Woolen Machy. Co., Hancock & Somerset, Phila., Pa.
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book

15133— Dryers (Underwear)

Barney Ventilating Fan Works (A. B. Franklin, Prop.), 19 Chardon, Boston, Mass.
Firsching John A. (Adjustable, Vertical, also Horizontal), Utica, N. Y.
Green Fuel Economizer Co., Beacon, N. Y.
Phila. Drying Machy. Co. ("Hurricane"), 3351 Stokley, Phila., Pa.
Phila. Textile Machy. Co. ("Proctor"), Tabor, Phila., Pa.
Salem Iron Works, Winston Salem, N. C.
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
Utica Novelty & Mill Specialty Co. (Knit Goods in the Roll, Utica, N. Y.

15134— Dryers (Warp)

Butterworth H. W. & Sons Co., 2415 E York, Phila, Pa.
Phila. Drying Machinery Co. ("Hurricane"), 3351 Stokley, Phila., Pa.
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.

15135— Dryers (Wire Top)

Smith Jas. Woolen Machy. Co., Hancock & Somerset, Phila., Pa.

15136— Dryers (Wool)

American Blower Co., 1400 Russell, Detroit, Mich.
Barney Ventilating Fan Works (A. B. Franklin, Prop.), 19 Chardon, Boston, Mass.
Green Fuel Economizer Co., Beacon, N. Y.
Heathcote John & Son, 212 Eddy, Providence, R. I.
Hunter James Machine Co. ("Stone"), N Adams, Mass.
National Blower Works, 17th & St. Paul, av, Milwaukee, Wis.
Philadelphia Drying Machinery Co. 3351 Stokley, Phila., Pa.
Riley C. E. Co., 161 Devonshire, Boston, Mass.
Sargent's C. G. Sons Corp., Graniteville, Mass.
Smith Jas. Woolen Machy. Co., Hancock & Somerset, Phila., Pa.
Speed & Stephenson, 170 Summer, Boston, Boston, Mass.
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book

15137— Dryers (Yarn)

American Blower Co., 1400 Russell, Detroit, Mich.
Barney Ventilating Fan Works (A. B. Franklin, Prop.), 19 Chardon, Boston, Mass.
Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Green Fuel Economizer Co., Beacon, N. Y.
Lorimer Machinery Co., Ontario & Lawrence, Phila., Pa.
Philadelphia Drying Machinery Co. ("Hurricane"), 3351 Stokley, Phila., Pa.
Phila. Textile Machy. Co. ("Proctor"), Tabor, Phila., Pa.
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book

15138 — Drying Machines (Copper Cylinder)

Butterworth, H. W. & Sons Co., 2415 E. York, Philadelphia, Pa.

15139-40—Drying Machines (Print Works)

Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.

15141— Dusters (Rag)

Bagshaw W. H. Co., Lowell, Mass.
Gerry Geo. & Son, Athol, Mass.
Sargent's C. G. Sons Corp., Graniteville, Mass.
Smith Jas. Woolen Machy. Co., Hancock & Somerset, Phila., Pa.

15142—Dusters (Wool & Waste)

Curtis & Marble Machine Co., Worcester, Mass.
Gerry Geo. & Son, Athol, Mass.
Hunter Jas. Machine Co., North Adams, Mass.
Lahue M. M. & Co., Lowell, Mass.
Leigh & Butler, 232 Summer, Boston, Mass.
Lombard Machine Co., Worcester, Mass.
Sargent's C. G. Sons Corp., Graniteville, Mass.
Smith & Furbush Machine Co., Hancock & Somerset, Phila., Pa.

15143— Dye Becks

Woonsocket Mach. & Press Co., Woonsocket, R. I.

Dye Kettles

See Copper Work, Dryers

15144— Dye Tubs

American Stave & Cooperage Co., Chelsea, Mass.
Bull Wm. C., Bennington, Vt.
Hunt Rodney Machine Co., Orange, Mass.
Johnson & Hibbard, Westfield, Mass.
New England Tank & Tower Co., Everett Station, Boston, Mass.
Smith Benj. F. Co., Pawtucket, R. I.
STEARNS A. T. LUMBER CO., 100 Taylor, Neponset, Boston, Mass.
See adv index at end of book
Terhune J. I. ("Fletcher's"), 164 Ward, Paterson, N. J.
Tolhurst Machine Works, Troy, N. Y.
Woolford G. Wood Tank Mfg. Co., 1429 Chestnut, Phila., Pa.

15145— Dyeing Machinery

Adams Laundry Machinery Co., Troy, N. Y.
American Laundry Machinery Co., Cincinnati, O.
Arlington Machine Works, Arlington Heights, Mass.
Birch Bros., Somerville, Mass.
Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Columbus Truck & Supply Mfg. Co., Columbus, Ga.
Delahunty Dyeing Machine Co., Pittston, Pa.
Entwistle T. C. Co., Lowell, Mass.
Franklin Process Co. (For Cotton, Wool & Worsted Yarns), 291 Promenade, Providence, R. I.
Hart Chas., Plum & Hedge, Phila., Pa.
Holyoke Machine Co., Holyoke, Mass.
Hunt Rodney Machine Co., Orange, Mass.
Hussong Dyeing & Machine Co., Groveville, N. J.
Klauder-Weldon Machine Co., Amsterdam, N. Y.
Leigh & Butler ("Mather & Platt"), 232 Summer, Boston, Mass.
Lorimer Machinery Co., Ontario, cor N Lawrence, Phila., Pa.
Northwestern Copper & Brass Works, 59 W 3rd, St. Paul, Minn.
Perfection Dyeing Machine Co., Columbus, Ga.
Philadelphia Drying Machinery Co. ("Hurricane" Hosiery), 3351 Stokley, Phila., Pa.
Rome Machine & Foundry Co., Rome, Ga.
Salem Iron Works, Winston Salem, N. C.
Smith, Drum & Co., Allegheny av & 4th, Phila., Pa.
Terhune J. I. Machine Works, Paterson, N. J.
Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.
Tolhurst Machine Works, Troy, N. Y.
Utica Novelty & Mill Specialty Co., Utica, N. Y.
Vacuum Dyeing Mach. Co., Chattanooga, Tenn.
Waters D. F., 55 Wister, Phila., Pa.
Watson Machine Co., Paterson, N. J.

15146—Dyeing Machines (Skein)

Cocker Machine & Foundry Co., Warp, Gastonia,, N. C.
Philadelphia Drying Machinery Co. ("Hurricane"), 3351 Stokley, Phila., Pa.
Riley C. E. Co., 161 Devonshire, Boston, Mass.

15147— Elevators (Cotton)

American Blower Co., Detroit, Mich.
Brown Portable Conveying Machy. Co., 10 S La Salle, Chicago, Ill.
Chain Belt Co., Milwaukee, Wis.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Continental Gin Co. (Inc.), Birmingham, Ala., & Bridgewater, Mass.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Hersey Mfg. Co., 314 W 2d, South Boston, Mass.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

15148— Elevators (Spool)

Schnitzler Charles H., 215 N 2d, Phila., Pa.

15149— Embroidery Machines

Ahlstrom O. J., 711 B'way, New York
Durbrow & Hearne Mfg. Co. ("Lintz & Eckhart"), 12 Wooster, New York

15150—Engines (Carding, Woolen & Worsted)

Leigh & Butler ("Platt's"), 232 Summer, Boston, Mass.

15151—Engravers (Copper Roll)

Dunn Textile Engraving & Mfg. Co., 2011 Church, Phila., Pa.
Highland Engraving Co., 256 Sherman, Passaic, N. J.
Hope Jno. & Sons Engraving & Mfg. Co., 1 Mashapaug, Providence, R. I.

15152—Engraving Machines (Print Works)

Dunn Textile Engraving & Mfg. Co., 2011 Church, Phila., Pa.
Hope John & Sons Engraving & Mfg. Co., 1 Mashapaug, Providence, R. I.

15153— Expanders (Cloth)

Birch Bros., Somerville, Mass.
Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.

15154— Extractors (Thread)

Saco-Lowell Shops, 77 Franklin, Boston, Mass.

15154a— Fabric Sizing (Glue)

HEWITT C. B. & BROS., 49 Beekman, New York. *See adv index at end of book*

15154b—Feeder Clutch Attachments

Harwood Geo. S. & Son, 53 State, Boston, Mass.

15155—Feeders (Automatic Self-Weighing Scale)

Harwood Geo. S. & Son ("Bramwell"), 53 State, Boston, Mass.
Smith Jas. Woolen Machy. Co., Hancock & Somerset, Phila., Pa.

15156— Feeds (Cloth)

Tillotson Humidifier Co. ("Whittles" Automatic, for Dryers), 78 Fountain, Providence, R. I.

15157— Feeds or Feeders

Brown Cotton Gin Co., New London, Conn.
Clark Machine & Fdry. Co. ("Bramwell"), Franklin, Mass.
Curtis & Marble Machine Co. (Picker), Worcester, Mass.
Harwood Geo. S. & Son ("Bramwell" & "Apperly"), 53 State, Boston, Mass.
Hunter James Machine Co., N Adams, Mass.
Leigh & Butler, 232 Summer, Boston, Mass.
Nat'l Machy. Co., 11 Eddy, Providence, R. I
Phila. Drying Machinery Co., 3351 Stokley, Phila., Pa.
Phila. Textile Machy. Co., ("Proctor"), Tabor, Phila., Pa.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Sargent's C. G. Sons Corp. (Automatic, for Cotton & Wool), Graniteville, Mass.
Schofield Wm. Co., Krams ab. Wilde, Phila., Pa.
Smith Jas. Woolen Machy. Co., Hancock & Somerset, Phila., Pa.
Smith & Furbush Machine Co. (Self-Feeds, for Wool, Worsted, Cotton or Jute, also Camel Backs, Blaniers & Apperlys for Cards), Hancock & Somerset, Phila., Pa.
Tait Geo., W Kearney, N. J.
Woonsocket Machine & Press Co., Woonsocket, R. I.

15158— Felt Machinery

Clark Machine & Foundry Co. (Trimmers, etc), Franklin, Mass.
Dennis John Machine Co., Lowell, Mass.
Farrel Foundry & Machine Co. (Hardeners), Ansonia, Conn.

15159—Felting Machines (Cotton)

Ivens Wm. H. Sons, P. O. Box 647, Trenton, N. J.
Smith & Furbush Machine Co., Hancock & Somerset, Phila., Pa.

15160—Finishing Machines (Carpet)

Curtis & Marble Machine Co., Worcester, Mass.
Parks & Woolson Mach. Co., Springfield, Vt.

15161—Finishing Machines (Cloth)

Birch Bros., Somerville, Mass.
Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Cameron Machine Co. (Cloth Cutting, Folding & Measuring Machine), 61 Poplar, Brooklyn, N. Y.
See adv index at end of book

Cavagnaro Jno. J., Harrison, N. J.
Curtis & Marble Machine Co., Worcester, Mass.
Gessner David, Worcester, Mass.
Palmer I. E. Co., Middletown, Conn.
Parks & Woolson Mach. Co., Springfield, Vt.
Terhune J. I. Machine Works, Paterson, N. J.
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.
Windle J. E., Worcester, Mass.

15162—Finishing Machines (Knit Goods)

Grosser Knitting Machine Co., 260 W B'way, New York
Merrow Machine Co. (For all Kinds of Fabrics), Hartford, Conn.
National Automatic Knitter Co., 2725 Mutter, Phila., Pa.
Smith, Drum & Co., Allegheny av & 4th, Phila., Pa.
Union Special Machine Co., 300 W Kinzie, Chicago, Ill.
Willcox & Gibbs Sewing Machine Co., 658 B'way, New York

15163—Finishing Machines (Tape)

Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.

15164—Finishing Machines (Wool & Worsted)

American Laundry Machinery Co., Cincinnati, O.
Arlington Machine Works, Arlington Heights, Mass.
Birch Bros., Somerville, Mass.
Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Curtis & Marble Machine Co. (Also Cotton), Worcester, Mass.
Leigh & Butler ("Mather" & "Platt"), 232 Summer, Boston, Mass.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Schuchardt & Schutte (Dry Decatizing Machine), 90 West, New York
Schwartz L. H. A. & Co. ("Paul Klug" Decating Machine), 40 Central, Boston, Mass.
Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.

15165— Flax Machinery

Firth Wm. ("Mackie & Sons"), 200 Devonshire, Boston, Mass.
Leigh & Butler, 232 Summer, Boston, Mass.

Fleecing Machines

See Napping Machines

15166— Flyers

See also Frames, Cotton, Fly

Calder Machine Works, 420 N 3d, Phila., Pa.
Hall F. A. & P., Lawrence, Mass.
Hartson L. M. Co. (Spinners), North Windham, Conn.
Leigh & Butler, 232 Summer, Boston, Mass.
Mayor Thos. & Son ("Bodden"), 26 Olney, Providence, R. I.
Riley C. E. Co., 161 Devonshire, Boston, Mass.
Southern Spindle & Flyer Co., Charlotte, N. C.
Speed & Stephenson ("Bairstow Bros."), 170 Summer, Boston, Mass.
Thurston A. G. & Son, Fall River, Mass.
Westcott A. A. & Sons, Hopedale, Mass.
Whitin Machine Works, Whitinsville, Mass.

15167—Folding Machines (Cloth)

Birch Bros., Somerville, Mass.
Cameron Machine Co., 61 Poplar, Brooklyn, N. Y. *See adv index at end of book*
Curtis & Marble Mach. Co., Worcester, Mass.
Elliott & Hall, Worcester, Mass.
Grand Rapids Textile Machinery Co., Grand Rapids, Mich.
Johnson C. A. & Co., 55 Pine, Providence, R. I.
McCreary Edw., Cohoes, N. Y.
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.
Windle J. E., Worcester, Mass.
Woonsocket Machine & Press Co., Woonsocket, R. I.

15168—Folding & Cutting Machines (Underwear)

Goodwin J. C., 2d & Diamond, Phila., Pa.
Tolhurst Machine Works, Troy, N. Y.

15169—Folding & Measuring Machines

Cameron Machine Co. (Cloth), 61 Poplar, Brooklyn, N. Y.
See adv index at end of book
Curtis & Marble Machine Co., Worcester, Mass.
Eastwood Benj. Co., Paterson, N. J.
Elliott & Hall (Silk), Worcester, Mass.
Parks & Woolson Machine Co., Springfield, Vt.
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.

15170—Frames (Cotton Drawing)

Fall River Foundry & Machine Co., Fall River, Mass.
Firth Wm., 200 Devonshire, Boston, Mass.
Mason Machine Works, Taunton, Mass.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Whitin Machine Works, Whitinsville, Mass.
Woonsocket Mach. & Press Co., Woonsocket, R. I.

15171—Frames (Cotton Evener Drawing)

Saco-Lowell Shops, 77 Franklin, Boston, Mass.

15172— Frames (Cotton Fly)

Fall River Fdy. & Mach. Co., Fall River, Mass.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Whitin Machine Wks., Whitinsville, Mass.
Woonsocket Mach. & Press Co., Woonsocket, R. I.

15173—Frames (Hand Lacing)

Royle John & Sons, Paterson, N. J.

15174— Frames (Harness)

Benazet Heddle Co. (Ltd.), 500 W Girard av, Phila., Pa.
Brown Bros. Co., 62 Exchange pl, Providence, R. I.
Crompton & Knowles Loom Works, Worcester, Mass.
Hakes H. W. Mfg. Co., Millbury, Mass.
Watson L. S. Mfg. Co., Leicester, Mass.
Williams J. H. Co., Millbury, Mass.

15175— Frames (Heddle)

Gibbs Heddle Co., Leicester, Mass.
Hakes H. W. Mfg. Co., Millbury, Mass.
Steel Heddle Mfg. Co., 2110 Allegheny av, Phila., Pa.
Walker Mfg. Co., Kensington & Ontario, Phila., Pa.
Watson L. S. Mfg. Co., Leicester, Mass.
Williams J. H. Co., Millbury, Mass.

15176— Frames (Intermediate)

Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Woonsocket Machine & Press Co., Woonsocket, R. I.

15177— Frames (Jack)

Riley C. E. Co., 161 Devonshire, Boston, Mass.
Woonsocket Machine & Press Co., Woonsocket, R. I.

15178— Frames (Redrawing)

Atwood Machine Co., Stonington, Conn.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.

15179—Frames (Ring Spinning)

Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.
Fales & Jenks Machine Co., Pawtucket, R. I.
Fall River Foundry & Machine Co., Fall River, Mass.
Mason Machine Works, Taunton, Mass.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Whitin Machine Works, Whitinsville, Mass.
Woonsocket Machine & Press Co., Woonsocket, R. I.

15180— Frames (Roving)

Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.
Fall River Fdry. & Mach. Co., Fall River, Mass.
Firth Wm., 200 Devonshire, Boston, Mass.
Riley C. E. Co., 161 Devonshire, Boston, Mass.
Saco-Lowell Shops, 77 Franklin, Boston,
Speed & Stephenson, 179 Summer, Boston, Mass.
Whitin Machine Works, Whitinsville, Mass.
Woonsocket Machine & Press Co., Woonsocket, R. I.

15181— Frames (Slubbing)

Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.
Firth Wm., 200 Devonshire, Boston, Mass.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Whitin Machine Works, Whitinsville, Mass.
Woonsocket Machine & Press Co., Woonsocket, R. I.

15182— Frames (Spinning)

See also Frames, Ring Spinning; also Frames, Wool Spinning; also Mules
Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.
Fall River Foundry & Machine Co., Fall River, Mass.
Flaccus C. L. Glass Co., 130 N 3d, Phila., Pa.
Jefferson Edw. & Bro. (Imp.), 123 S 2d, Phila., Pa.
Mason Machine Works, Taunton, Mass.
Riley C. E. Co., 161 Devonshire, Boston, Mass.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Whitin Machine Works, Whitinsville, Mass.

Frames (Twisting)

See Twisters

15183—Frames (Wool Spinning)

See also Mules
Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.
Fall River Fdry. & Mach. Co., Fall River, Mass.
Flaccus C. L. Glass Co., 130 N 3d, Phila., Pa.
Johnson & Bassett, Worcester, Mass.
Smith, Jas. Woolen Machy. Co., Hancock & Somerset, Phila., Pa

15184— Fulling Mills

Bull Wm., Bennington, Vt.
Clark Machine & Foundry Co., Franklin, Mass.
Hunt Rodney Machine Co., Orange, Mass.
Hunter James Machine Co., N Adams, Mass.
Kenyon D. R. & Son, Raritan, N. J.
Utica Novelty & Mill Specialty Co. (Rotary), Utica, N. Y.

15185— Garnett Machines

Hunter Jas. Machine Co., N Adams, Mass.
Smith Jas. Woolen Machy. Co., Hancock & Somerset, Phila., Pa
Smith & Furbush Machine Co. ("Proctor"), Hancock & Somerset, Phila., Pa.

15186—Garnett & Card Machines (Combined)

Smith Jas. Woolen Machy. Co., Hancock & Somerset, Phila., Pa

15187— Gassing Machines

Brigham Arthur A., 17 Milk, Boston,

Gas Singeing Machines

See Singeing Machines

15188— Gigs (Teasel)

Curtis & Marble Machine Co., Worcester, Mass.
Parks & Woodson Machine Co., Springfield, Vt.

15189— Gill Screws

Hood R. H. Co., 1842 Gtn. av, Phila., Pa.

15190—Gills (Preparing & Finishing)

Bragg Jno. I., 24 Atwood, Providence, R. I.
Riley C. E. Co., 161 Devonshire, Boston, Mass.
Saco-Lowell Shops, Boston, Mass.
Speed & Stephenson, 170 Summer, Boston, Mass.

15191— Glass Rods & Bars

Mitchell-Bissell Co. (Rods for Looms), 251 4th av, New York
Ruth Glass Co. (Bars), Conshohocken, Pa.

15192— Guide Wires

American Supply Co., 135 Washington, Providence, R. I.
Blackstone Reed & Harness Co., 41 Bayley, Pawtucket, R. I.
Brooks M. S. & Sons, Chester, Conn.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Parker Wire Goods Co., Worcester, Mass.
Spencer Wire Co., Worcester, Mass.
Wire Goods Co., Worcester, Mass.

15193—Guides (Porcelain & Enameled)

Mitchell-Bissell Co., 251 4th av, New York

15194— Guides (Thread)

Palmer I. E. Co. (Adjustable), Middletown, Conn.

15195— Hackle Pins

Crabb Wm. & Co., 3d av, Newark, N. J.

Hackles

See Combs, Circles & Fallers

15196— Harness Straps

Chicago Rawhide Mfg. Co., 1301 Elston av, Chicago, Ill.
Coupe Wm. Co. (Ltd.), South Attleboro, Mass.
Jacobs E. H. Mfg. Co., Danielsville, Conn.

15197— Harnesses (Loom)

Allentown Reed, Harness & Mill Supply Co., Allentown, Pa.
American Supply Co., 135 Washington, Providence, R. I.
Andrew Loom Reed Harness Works, Spartanburg, S. C.
Blackstone Reed & Harness Co., 41 Bayley, Pawtucket, R. I.
Carruthers Robt. Co., Lowell, Mass.
Crabb Wm. & Co., 3d av, Newark, N. J.
Emmons Loom Harness Co., Lawrence, Mass.
Excelsior Loom Reed Works, Pawtucket, R. I.
Gibbs Loom, Harness & Reed Co., Clinton, Mass.
Hall J. A. Est. of, Paterson, N. J.
Halton's Thos. Sons, Allegheny av & C, Phila., Pa.
Harris Geo. W. Co., Lowell Mass.
Hayes Loom, Reed & Harness Co., Woonsocket, R. I.
Mitchell-Bissell Co., 251 4th av, New York
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Paterson Reed & Harness Co., Paterson, N. J.
Scholes John & Co., Lowell, Mass.
Street B. R. Co., 549 Washington blvd, Chicago, Ill.
Ulrich Co., Paterson, N. J.
Walder J., Paterson, N. J.
Webster Loom Harness Co., Fall River, Mass.

15198— Heck Stands

Smith & Furbush Machine Co. ("Furbush"), Hancock & Somerset, Phila., Pa.

15199— Heddles

American Supply Co., 135 Washington, Providence, R. I.
Butcher Edwin, Worcester, Mass.
Carruthers Robt. Co., Lowell, Mass.
Emmons Loom Harness Co., Lawrence, Mass.
Firth Wm. ("R. Center Fils"), 200 Devonshire, Boston, Mass.
Gibbs Heddle Co., Leicester, Mass.
Hall J. A. Est. of, Paterson, N. J.

Howard Bros. Mfg. Co., Worcester, Mass.
Steel Heddle Mfg. Co., 2110 W Allegheny av, Phila., Pa.
Walder J., Paterson, N. J.
Walker Mfg. Co., Kensington & Ontario, Phila., Pa.
Watson L. S. Mfg. Co., Leicester, Mass.
Williams J. H. Co, Millbury, Mass

15200— Heddles (Braided)

Emmons Loom Harness Co. ("Thibaud's"), Lawrence, Mass.
Hall I. A. & Co., Paterson, N. J.

15201— Heddles (Jacquard)

American Supply Co., 135 Washington, Providence, R. I.

15202— Heddles (Steel)

Steel Heddle Mfg. Co., 2110 W Allegheny av, Phila., Pa.
Williams J. H. Co., Millbury, Mass.

15203— Heddles (Wire)

Benazet Heddle Co. (Ltd.), 500 W Girard av, Phila., Pa.
Bull Wm., Bennington, Vt.
Chase F. A. & Co., 253 W Exchange, Providence, R. I.
Gibbs Heddle Co., Leicester, Mass.
Hakes H. W. Mfg. Co., Millbury, Mass.
Howard Bros. Mfg. Co. (Also Twin Wire German Heddles), Worcester, Mass.
Mossberg Frank Co. (Brass or Steel), Attleboro, Mass.
Watson L. S. Mfg. Co. (German Tinned & Domestic Bronze), Leicester. Mass.
Williams J. H. Co., Millbury, Mass.

15204— Hoods (Slasher)

New England Ventilating & Heating Co., 926 Manton av, Providence, R. I.
Piper J. A. Roofing Co., Greenville, S. C.

15205— Hooks (Loom)

Edmands Arthur B. Co., 180 Main, Pawtucket, R. I.

15206— Hooks (Reed)

Ferrary Bros. Co., Paterson, N. J.
Parkinson Edw. Mfg. Co., 84 Sprague, Providence, R. I.

15207—Hosiery Bands & Labels

Acme Print Co., Reading, Pa.
Allbright & Shenton, Reading, Pa.
Johnson Thos. (Est. of) Lawrence & Clearfield, Phila., Pa.
Novelty Printing Co. (Inc.), 7th & Watkins, Phila., Pa.
Reis G. & Bro., 900 B'way, New York

15208— Hosiery Boards

Bull Wm. C., Bennington, Vt.
Clark Geo. H. & Co., Meredith, N. H.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
HEWITT C. B. & BROS., 49 Beekman, New York. *See adv index at end of book*
Pearson Jos. T., 1825 E Boston av, Phila., Pa.
Wisconsin Textile Mfg. Co., Two Rivers, Wis.

Hosiery Machines

See Knitting Machines, Hosiery

15209—Hosiery Striping Attachment

Stafford & Holt (Automatic), Little Falls, N. Y.

15210— Hydro-Extractor Guards

Utica Novelty & Mill Specialty Co., Utica, N. Y.

15211— Hydro-Extractors

Adams Laundry Machinery Co. (For Clothes Wringing), Troy, N. Y.
American Laundry Machinery Co., Cincinnati, O.
American Tool & Machine Co., ("Weston," for Raw Stock, Finished Goods, Underwear & Hosiery), 10 High, Boston, Mass.
Columbia Mfg. Co. (Clothes Wringing), Columbia, Pa.
Curtis & Marble Machine Co. (Horizontal), Worcester, Mass.
Dienelt & Eisenhardt, 1304 N Howard, Phila., Pa.
Empire Laundry Machinery Co., 352 Western av, Boston, Mass.
Salem Iron Works, Winston Salem, N. C.
Schaum & Uhlinger, N 2d cor Glenwood av, Phila., Pa.
Tolhurst Machine Works, Troy, N. Y.
Troy Laundry Machinery Co. (Ltd.), 23d & La Salle, Chicago, Ill.
Wayte W. J. (Imp.), 1 Liberty, New York

15212— Indigo Mills

Humphrey Machine Co., Keene, N. H.
Lord, Bowler & Co., Cleveland, O.
Saco-Lowell Shops (Grinders), Boston, Mass.
Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.
Townsend Foundry & Mach. Shop Co., Broadway & Rensselaer, Albany, N. Y.
See adv index at end of book

15213— Jack Hooks

Brooks M. S. & Sons, Chester, Conn.

15214— Jacks (Needle)

Cooper Chas. (Est. of), Bennington, Vt.

15215— Jiggers

Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Mackenzie Duncan Sons Co., Trenton, N. J.
Terhune J. I. Machine Works, 164 Ward, **Paterson, N. J.**
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.
Watson Machine Co., Paterson, N. J.

15216— Jute Cordage Machinery

See also Spinning Machinery, Jute

Haskell-Dawes Machine Co., 176 Federal, Boston, Mass.

12517— Kiers

Arlington Machine Works, Arlington Heights, Mass.
Birch Bros., Somerville, Mass.
Buhlmann A. W., 200 5th av, New York
McCabe E. & Co., Lawrence, Mass.

15218—Knit Fabric Slitters & Rewinders

Langston Samuel M. Co., Camden, N. J.

15219—Knitting Machine Attachments

Cooper Chas. (Est. of), Bennington, Vt.
Sweet & Doyle, Cohoes, N. Y.

15220— Knitting Machinery

Acme Knitting Machine & Needle Co. ("Hemphill" "Acme"), Franklin, N. H.
Ainslie Knitting Machine Co. ("C. & F."), 281 Ainslie, Brooklyn, N. Y.
Ardrey S. B. & Sons, Bristol, Pa.
Boss Knitting Machine Works, Reading, Pa.
Brinton H. Co. (Seamless & Ribbed Machines), 213 Race, Phila., Pa.
Burson Knitting Co., Rockford, Ill.
Campbell & Clute Machine Co., Cohoes, N. Y.
Crane Mfg. Co., Lakeport, N. H.
Crawford Mfg. Co., New Brunswick, N. J.
Eppler's Jno. Mach. Wks. (For Upholstery, Dress & Millinery Trimmings), 629 Filbert, Phila., Pa.
Fisher Knitting Machine Co., Utica, N. Y.
Gearhart Knitting Machine Co., Clearfield, Pa.
General Machine Works, York, Pa.
Gormley Robt. W. & Co., Troy, N. Y.
Grosser Knitting Machine Co., 260 W B'way, New York
Hemphill Mfg. Co. ("Banner"), Central Falls, R. I. Works: Pawtucket, R. I.
Hepworth Jno. W. & Co., Lehigh av & Mascher, Phila., Pa.
Ives Loyal T. Co., New Brunswick, N. J.
Jenckes Knitting Machine Co. ("Invincible" Full Automatic Hosiery), Pawtucket, R. I.
Johnson Knitting Machine Co., St. Johnsville, N. Y.
Kilbourne Mfg. Corpn., New Brunswick, N. J.
Lamb Knitting Machine Co., Chicopee Falls, Mass.
Leighton Machine Co., Manchester, N. H.
Lindley Geo. W., 5122 Wakefield, Gtn., Phila., Pa.
McMichael A., 22 Armat, Phila., Pa.
Mayo Geo. D. Machine Co. (Automatic), Laconia, N. H.
Newton Edwin A., 310 N 4th, Phila., Pa.
Nye & Tredick Co., 720 Cherry, Phila., Pa.
Paxton & O'Neill, 541 N 3d, Phila., Pa.
Redin, Ekstrom & Co., Rockford, Ill.
Scott & Williams (Hosiery & Underwear), 366 B'way, New York
Spindler E. O. (Imp.), 350 B'way, New York
Stafford & Holt, Little Falls, N. Y.
Standard Machine Co., 330 N 12th, Phila., Pa.
Steber Machine Co., Utica, N. Y.
Textile Machine Works (Inc.) (Full-Fashioned), Reading, Pa.
Tiffany Eli J., Bennington, Vt.
Tompkins Bros. Co., Troy, N. Y.
Trump Bros. Machine Co. (Hosiery & Underwear), Beech & Anchorage, Wilmington, Del.
Walther Otto, Phila., Pa.
Wildman Mfg. Co., Norristown, Pa.

15221—Knitting Machines (Circular)

Fisher Knitting Machine Co., Utica, N. Y.
Leighton Machine Co., Manchester, N. H.
National Automatic Knitter Co., 2725 Mutter, Phila., Pa.
Nye & Tredick Co., 720 Cherry, Phila., Pa.
Paxton & O'Neill (Full Automatic), 541 N 3d, Phila., Pa.

Stafford & Holt (Automatic), Little Falls, N. Y.

15222—Knitting Machines (Hosiery)

Acme Knitting Machine & Needle Co. ("Acme" Seamless), Franklin, N. H.
Brinton H. Co. (Ribbed & Seamless), 213 Race, Phila., Pa.
Excelsior Knitting Machine Mfg. Co., Allentown, Pa.
Hemphill Mfg. Co., Central Falls, R. I. Works: Pawtucket, R. I.
Hirsch Louis, 220 5th av, New York
Lamb Knitting Machine Co., Chicopee Falls, Mass.
National Automatic Knitter Co., 2725 Mutter, Phila., Pa.
Nydegger Max ("Grosser" Full Fashioned Seamless), 260 W B'way, New York
Nye & Tredick Co., 720 Cherry, Phila., Pa.
Scott & Williams, 336 B'way, New York
Spindler E. O. (Imp), 350 B'way, New York
Standard Mach. Co., 330 N 12th, Phila., Pa.
Trump Bros. Machine Co., Beech & Anchorage, Wilmington, Del.

15223—Knitting Machines (Rib)

Brinton H. Co. (For Hosiery & Underwear), 213 Race, Phila., Pa.
Cooper Chas. (Est. of) (Automatic Spring Needle), Bennington, Vt.
Fisher Knitting Machine Co., Utica, N. Y.
General Machine Works, York, Pa.
Hirsch Louis, 220 5th av, New York
Huse Warren D. & Sons, Laconia, N. H.
Leighton Machine Co., Manchester, N. H.
National Automatic Knitter Co., 2725 Mutter, Phila., Pa.
Nye & Tredick Co. ("Automatic" Circular), 720 Cherry, Phila., Pa.
Ruth Machine Co., York, Pa.
Scott & Williams (For Underwear, etc), 336 B'way, New York
Snyder Homer P. Mfg. Co., Little Falls, N. Y.
Stafford & Holt (Automatic Circular), Little Falls, N. Y.
Wildman Mfg. Co. (Circular), Norristown, Pa.

15224-5—Knitting Machines (Seamless)

Acme Knitting Machine & Needle Co. ("Acme," "Hemphill"), Franklin, N. H.
Boss Knitting Machine Works (Hosiery), Reading, Pa.
Brinton H. Co. (For Hosiery & Underwear), 213 Race, Phila., Pa.
National Automatic Knitter Co. (Also Lace Effects), 2725 Mutter, Phila., Pa.
Scott & Williams (Automatic Hosiery), 366 B'way, New York
Trump Bros. Machine Co., Beech & Anchorage, Wilmington, Del.

15226— Lace Machines
Chauvet & Coulter Co., 245 7th av, New York
Lever, Oswald Co., 13th & Cumberland, Phila., Pa.
Lindley Geo. W., 5122 Wakefield, Gtn., Phila., Pa.
Lynwood Mfg. Co. (Ribbers), Hancock & Westmoreland, Phila., Pa.
Spindler E. O. (Imp), 350 B'way, New York
Textile Finishing Machinery Co. (Bleaching & Finishing), 171 Westminster, Providence, R. I.

15227—Lacers (Automatic Lock & Loop Stitch)
Royle John & Sons, Paterson, N. J.

15228— Lease Rods
American Enamel Co. (Enameled), Neville, Providence, R. I.

15229— Lifting Rod Cleaners
Draper Corp. ("Shaw & Flinn's"), Hopedale, Mass.

15230—Liquid Bleach Apparatus
Electro Chemical Co., Dayton, O.

15231— Loom Attachments
Brown Bros. Co., 62 Exchange pl, Providence, R. I.
Crompton & Knowles Loom Works, Worcester, Mass.
Eastwood Benjamin Co., Paterson, N. J.
Lahue M. M. & Co., Lowell, Mass.
Stafford Co., Readville, Mass.

15232— Loom Crank Shafts
Babbitt Bros., Fairhaven, Mass.
Fall River Foundry & Machine Co., Fall River, Mass.

15233— Loom Forks
Brown Bros. Co., 62 Exchange pl, Providence, R. I.
English C. R. Co., 301 Congress, Boston, Mass.
National Ring Traveler Co., 257 W Exchange, Providence, R. I.
Parkinson Edw. Mfg. Co., 84 Sprague, Providence, R. I.

15234—Loom Frictions (Cork Insert)
Cork Insert Co., 164 Federal, Boston, Mass.

15235— *Loom Knives
COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book

15236— Loom Lingoes
Hall I. A. (Estate of), Paterson, N. J.
Walder Jacob, Paterson, N. J.

15237— Loom Strapping
American Supply Co., 135 Washington, Providence, R. I.
Barlow John W. Co., Lawrence, Mass.
Brown Bros. Co., 62 Exchange pl, Providence, R. I.
Chicago Rawhide Mfg. Co., 1301 Elston av, Chicago, Ill.
Coupe Wm. Co. (Ltd.), So. Attleboro, Mass.
Graton & Knight Mfg. Co. (Rawhide), Worcester, Mass.
Groezinger's G. Sons ("Helvetia"), Lancaster, Pa.
Hall I. A. (Estate of), Paterson, N. J.
Jacobs E. H. Mfg. Co., Danielson, Conn.
Lahue M. M. & Co. (Steel Lug Straps & Friction Bands for Warp Beams), Lowell, Mass.
Milliken W. & Son, Franklin, Mass.
National Leather Mfg. Co., Niles, Mich.
Page Belting Co., Concord, N. H.
Van Riper Mfg. Co., Paterson, N. J.
Weatherhead, Thompson & Co., Pawtucket, R. I.
Whiting Henry F., Lowell, Mass.

15238— Loom Temples
Crompton & Knowles Loom Works, Worcester, Mass.
Draper Corp. ("Dutcher"), Hopedale, Mass.
Hopedale Mfg. Co., Milford, Mass.

15239— Looms
Alvord Clinton, 7 Summer, Worcester, Mass.
Crompton & Knowles Loom Works (Automatic), Worcester, Mass.
Draper Corp. ("Northrop"), Hopedale, Mass.
Eastwood Benj. Co., Paterson, N. J.
Hughes & Russum (All Kinds), Oxford & Hedge, Phila., Pa.
Insinger Co., Stenton av, Phila., Pa.
Jefferson Edw. & Bro. (Imp), 123 S 2nd, Phila., Pa.
Kilburn, Lincoln Machine Co., Fall River, Mass.
Leigh & Butler, 232 Summer, Boston, Mass.
Lyall J. & W., Passaic, N. J.
Mason Machine Works, Taunton, Mass.
Schaum & Uhlinger, 2nd & Glenwood av, Phila., Pa.
Stafford Co. (Automatic), Readville, Mass.
Whitin Machine Works, Whitinsville, Mass.
Widmer Bros., Paterson, N. J.

15240— Looms (Axminster)
Crompton & Knowles Loom Works, Worcester, Mass.
Whitin Machine Works, Whitinsville, Mass.
Worcester Loom Works (Wide), 7 Summer, Worcester, Mass.

15241— Looms (Bag)
Crompton & Knowles Loom Works, Worcester, Mass.
Stafford Co. ("Ideal" Automatic), Readville, Mass.

15242— Looms (Broad)
Eastwood Benj. Co., Paterson, N. J.

15243— Looms (Carpet)
Chief Mfg. Co., Indianapolis, Ind.
Crompton & Knowles Loom Works, Worcester, Mass.
Giant Mfg. Co., Council Bluffs, Ia.
Leigh & Butler, 232 Summer, Boston, Mass.
Lyall J. & W., Passaic, N. J.
Reed Mfg. Co., Springfield, O.
Worcester Loom Works (Wm. Smith & Bros.), Worcester, Mass.

15244— Looms (Cassimere)
Crompton & Knowles Loom Works, Worcester, Mass.

15245— Looms (Circular)
Royle John & Sons (Inc.) ("De Laski" for Hose Jackets), Paterson, N. J.

15246— Looms (Cotton)
Crompton & Knowles Loom Works, Worcester, Mass.
Fall River Fdry. & Machine Co., Fall River, Mass.
Hughes & Russum, Oxford & Hedge, Phila., Pa.
Kilburn Lincoln Machine Co., Fall River, Mass.
Leigh & Butler, 232 Summer, Boston, Mass.
Mason Machine Works, Taunton, Mass.
Stafford Co., Readville, Mass.
Whitin Machine Works, Whitinsville Mass,

15247—Looms (Cotton Blanket)
Crompton & Knowles Loom Works, Worcester, Mass.

15248— Looms (Cotton Duck)
Poole Engng. & Mach. Co., Woodberry sta. Baltimore, Md.
Stafford Co. ("Ideal" Automatic), Readville, Mass.

15249— Looms (Curtain)
Crompton & Knowles Loom Works, Worcester, Mass.

15250— Looms (Dress Goods)
Crompton & Knowles Loom Works, Worcester, Mass.

15251— Looms (Embroidery)
Walther Otto (Mfrs.' Agent), Bourse, Phila., Pa.

15252— Looms (Fancy)
Crompton & Knowles Loom Works, Worcester, Mass.
Hughes & Russman, Oxford & Hedge, Phila., Pa.
Kilburn Lincoln Machine Co., Fall River, Mass.
Mason Machine Works, Taunton, Mass.
Stafford Co., Readville, Mass.

15253— Looms (Felting)
Crompton & Knowles Loom Works, Worcester, Mass.

15254— Looms (Fire Hose)
Kilburn Lincoln Machine Co., Fall River, Mass.
Royle John & Sons (Inc.) ("De Laske"), Paterson, N. J.

15255— Looms (Gingham)
Crompton & Knowles Loom Works, Worcester, Mass.

15256— Looms (Goring)
Crompton & Knowles Loom Works, Worcester, Mass.

15257— Looms (Jacquard)
Crompton & Knowles Loom Works, Worcester, Mass.
Eastwood Benj. Co., Paterson, N. J.
Halton's Thos. Sons, Allegheny av & C, Phila., Pa.
Kilburn Lincoln Machine Co., Fall River, Mass.
Schaum & Uhlinger, N 2d & Glenwood av, Phila., Pa.

15258— Looms (Jean)
Crompton & Knowles Loom Works, Worcester, Mass.
Crompton & Knowles Loom Works, Worcester, Mass.

15259— Looms (Jute Carpet)
Crompton & Knowles Loom Works, Worcester, Mass.

15260— Looms (Plush)
Crompton & Knowles Loom Works, Worcester, Mass.

15261—Looms (Rag Carpet & Rug)
Newcomb Loom Co., Davenport, Ia.

15262— Looms (Ribbon)
Crompton & Knowles Loom Works, Worcester, Mass.
Schaum & Uhlinger, N 2d & Glenwood av, Phila., Pa.
Widmer Bros., Paterson, N. J.

15263— Looms (Rug)
Chief Mfg. Co., Indianapolis, Ind.
Crompton & Knowles Loom Works, Worcester, Mass.
Giant Mfg. Co., Council Bluffs, Ia.
Reed Mfg. Co., Springfield, O.

15264— Looms (Silk)
Crompton & Knowles Loom Works, Worcester, Mass.
Eastwood Benj. Co., Paterson, N. J.
Hughes & Russum, Oxford & Hedge, Phila., Pa.
Kilburn Lincoln Machine Co., Fall River, Mass.
Mason Machine Works, Taunton, Mass.
Stafford Co., Readville, Mass.

15265— Looms (Suspender)
Crompton & Knowles Loom Works, Worcester, Mass.
Schaum & Uhlinger, N 2d & Glenwood av, Phila., Pa.

15265a— Looms (Tire Fabric)
Crompton & Knowles Loom Works, Worcester, Mass.

15266— Looms (Upholstery)

Crompton & Knowles Loom Works, Worcester, Mass.

15267— Looms (Velvet)

Crompton & Knowles Loom Works, Worcester, Mass.

15268— Looms (Webbing)

Crompton & Knowles Loom Works, Worcester, Mass.
Kilburn Lincoln Machine Co., Fall River, Mass.

15269— Looms (Woolen)

Crompton & Knowles Loom Works, Worcester, Mass.
Hughes & Russum, Oxford & Hedge, Phila., Pa.
Leigh & Butler, 232 Summer, Boston, Mass.
Smith James Woolen Mach'y Co., Hancock & Somerset, Phila., Pa.

15270— Looms (Worsted)

Crompton & Knowles Loom Works, Worcester, Mass.
Hughes & Russum, Oxford & Hedge, Phila., Pa.
Leigh & Butler, 232 Summer, Boston, Mass.
Stafford Co., Readville, Mass.

15271— Loopers

Arguto Oilless Bearing Co. ("Ravlwind-Arguto"), Wayne Junction, Phila., Pa.
Beattie Mfg. Co., Cohoes, N. Y.
Campbell & Clute Machine Co., Cohoes, N. Y.
Grosser Knitting Mach. Co., 260 W B'way, New York
Hepworth Jno. W. & Co., Lehigh & Mascher, Phila., Pa.
Leighton Machine Co., Manchester, N. H.
Southern Textile Machinery Co., Paducah, Ky.

15272— Lug Straps

Bond Chas. Co., 617 Arch, Phila., Pa.
Chicago Rawhide Mfg. Co. (Rawhide), 1301 Elston av, Chicago, Ill.
Houghton E. F. & Co. ("Houghton's Patent Rockers"), 240 W Somerset, Phila., Pa.
Jacob E. H. Mfg. Co. ("Very Best," "Crescent," "Star"), Danielson, Conn.
Milliken W. & Son (Duck, Ticking & Leather), Franklin, Mass.
Victor-Balata & Textile Belting Co. ("Victor-Balata"), 38 Murray, New York

15273— Lumpers

Clark Machine & Foundry Co., Franklin, Mass.
Gerry Geo. & Son, Athol, Mass.
Smith Jas. Woolen Mach'y Co., Hancock & Somerset, Phila., Pa.
Smith & Furbush Machine Co., Hancock & Somerset, Phila., Pa.

15274— Mails (Brass & Steel)

Ulrich Co., Paterson, N. J.
Walder Jacob, Paterson, N. J.

15275— Mantle Knittings

Knit Goods Specialty Co. (All Styles), Chicopee Falls, Mass.

15276— Mercerizing Machines

Birch Bros., Somerville, Mass.
Buhlmann A. W., 200 5th av, New York
Butterworth H. W. & Son Co., 2415 E York, Phila., Pa.
Klauder-Weldon Machine Co., Amsterdam, N. Y.
Smith Drum & Co., Allegheny av & 4th, Phila., Pa.
Textile Finishing Machinery Co. (Cloth or Yarn), 171 Westminster, Providence, R. I.

15277— Mill Soaps

American Soap & Washoline Co., Cohoes, N. Y.
Dobbins Soap Mfg. Co., 119 S 4th, Phila., Pa.
Draper J. O. Co., Pawtucket, R. I.
Eastern Supply Co. (Palm & Olive Oil), 2 Canterbury, Worcester, Mass.
Eavenson J. & Sons, Camden, N. J.
Eavenson J. & Sons, Del. & Penn av, Phila., Pa.
Farrington William U. (Est. of), E Greenwich, R. I.
Fisk Mfg. Co., Springfield, Mass.
Fox Chas. J., 313 S Philip, Phila., Pa.
Harding H. C., Sedgley av & W 17th, Phila., Pa.
Hersom Thos. & Co. (Powder), New Bedford, Mass.
Holbrook Mfg. Co., 17th, Jersey City, N. J.
India Alkali Wks., 28 India Wharf, Boston, Mass.
Jaeck Louis Co., 257 Front, New York
Johnson B. J. Soap Co., 42 4th, Milwaukee, Wis.
Kenney F. Mfg. Co., 368 Dorchester av, Boston, Mass.
Kerkeslager M. W., 17th & Sedgley av, Phila., Pa.
O. K. Soap Co., 968 Franklin, Phila., Pa.
Portsmouth Cotton Oil Refining Corp. (Cotton Seed), Portsmouth, Va.
Providence Sizing Co., Cranston, R. I.
Rome Soap Mfg. Co., Rome, N. Y.
Royal Chemical Co., Phenix, R. I.
Specification Soap & Oil Co., 427 W 13th, New York
Standard Soap Co., Camden, N. J.
Warren Soap Mfg. Co., 77 Summer, Boston, Mass.
Weaver & Sterry (Ltd.) (Imp. Castile), 79 Pine, New York
White & Bagley Co., Worcester, Mass.
Woodley Soap Mfg. Co., 33 Norfolk av, Rox, Boston, Mass.

Mill Supplies (Textile)

See Mill & Factory Supplies

Mill Wire Goods

See Drop Wires, also Guide Wires

15278-9—Moistening Apparatus (Air)

American Moistening Co., 120 Franklin, Boston, Mass.
Carrier Engg. Corp., 39 Cortlandt, New York
Garland Mfg. Co., Saco, Me.
Green Fuel Economizer Co., Beacon, N. Y.
Normalair Co., Winston-Salem, N. C.
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
Turner J. S. Mfg. Co., Lowell, Mas.

15280— Motions (Doffer Comb)

Barker Jas., 6th & Cayuga, Phila., Pa.

15281—Motions (Drawing Frame Stop)

Riley C. E. Co., 161 Devonshire, Boston, Mass.

15282— Motions (Evener)

Saco-Lowell Shops, 77 Franklin, Boston, Mass.

15283—Motions (Knitting Machine Stop)

Crawford Mfg. Co., New Brunswick, N. J.
General Machine Works, York, Pa.
Nye & Tredick Co., 720 Cherry, Phila., Pa.
Ruth Machine Co., York, Pa.
Wildman Mfg. Co., Norristown, Pa.

15284— Motions (Loom Stop)

Draper Corp. (Loom Warp Stop), Hopedale, Mass.
Mossberg Frank Co. (& parts), Attleboro, Mass.

15285— Motions (Selvage)

Crompton & Knowles Loom Works, Worcester, Mass.

15286—Motions (Spindle, for Mules)

Ryalls Machinery Corp. ("Ryalls"), Charlottesville, Va.

15287— Motions (Spooler Stop)

Fall River Foundry & Machine Co., Fall River, Mass.
Schock Gustav & Son, 514 W 57th, New York

15288— Motions (Twister Stop)

Draper Corp. ("Smith's"), Hopedale, Mass.

15289— Motions (Warp Stop)

Coldwell Gildard Co. ("C. & G."), 95 Milk, Boston, Mass.
Crompton & Knowles Loom Works, Worcester, Mass.
Draper Corp., Hopedale, Mass.
Hopedale Mfg. Co., Milford, Mass.
Mossberg Wrench Co. ("Kip Armstrong" Electric), 25 Charles, Providence, R. I.
Stafford Co., Readville, Mass.

15290— Mule Attachments

Arguto Oilless Bearing Co. ("Arguto"), Wayne Junction, Phila., Pa.
Bagshaw W. H. Co., Lowell, Mass.
Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.

15291— Mules (Cotton)

Arguto Oilless Bearing Co. ("Arguto"), Wayne Junction, Phila., Pa.
Bagshaw W. H. Co., Lowell, Mass.
Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.
Firth Wm. (Asa Lees & Co. Ltd.), 200 Devonshire, Boston, Mass.
Leigh & Butler ("Platt's"), 232 Summer, Boston, Mass.
Mason Machine Works, Taunton, Mass.
Riley C. E. Co. ("Threlfal" Self-Acting), 161 Devonshire, Boston, Mass.

15292— Mules (Self-Acting)

Arguto Oilless Bearing Co. ("Arguto"), Wayne Junction, Phila., Pa.
Firth Wm. (Asa Lees & Co. Ltd.), 200 Devonshire, Boston, Mass.
Mason Machine Works, Taunton, Mass.
Riley C. E. Co., 161 Devonshire, Boston, Mass.
Smith Jas. Woolen Machinery Co. (English & Melton Styles), Hancock & Somerset, Phila., Pa.
Smith & Furbush Mach. Co. ("Furbush"), Hancock & Somerset, Phila., Pa.

15293— Mules (Woolen)

Arguto Oilless Bearing Co. ("Arguto"), Wayne Junction, Phila., Pa.
Johnson & Bassett, Worcester, Mass.
Leigh & Butler ("Platt's"), 232 Summer, Boston, Mass.
Riley C. E. Co. (Self-Acting), 161 Devonshire, Boston, Mass.
Smith Jas. Woolen Machy Co., Hancock & Somerset, Phila., Pa.

15294— Mules (Worsted)

Arguto Oilless Bearing Co. ("Arguto"), Wayne Junction, Phila., Pa.
Birch Bros., Somerville, Mass.
Borchers Rich'd C. & Co., Womrath & Tackawanna Fkd., Phila., Pa.
Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.
Firth Wm. (Asa Lees Co. Ltd.), 200 Devonshire, Boston, Mass.
Leigh & Butler ("Platt's"), 232 Summer, Boston, Mass.
Riley C. E. Co. (Self-Acting), 161 Devonshire, Boston, Mass.

15295— Napping Machines

Ardrey S. B. & Sons, Bristol, Pa.
Birch Bros., Somerville, Mass.
Borchers Richard C. & Co., Womrath & Tackawanna, Fdk., Phila., Pa.
Buhlmann A. W., 200 5th av, New York
Curtis & Marble Mach. Co., Worcester, Mass.
Davis & Furber Machine Co. (Planetry), North Andover, Mass.
Gerry Geo. W. & Son, Athol, Mass.
Gessner David, Worcester, Mass.
Hunter James Machine Co. (Chinchilla Napping or Kiffling), North Adams, Mass.
McCreary Edw., Cohoes, N. Y.
Parks & Woolson Machine Co., Springfield, Vt.
Smith James Woolen Machinery Co., Hancock & Somerset, Phila., Pa.
Stafford & Holt, Little Falls, N. Y.
Woonsocket Napping Machinery Co., Woonsocket, R. I.

15296— Neck Marking Machines

Firsching John A., Utica, N. Y.
Fisher-Knitting Machine Co., Utica, N. Y.
Utica Novelty & Mill Specialty Co. (Electric Headed), Utica, N. Y.

15297— Needles (Comber)

Bragg John I., 24 Atwood, Providence, R. I.
Crabb Wm. & Co., 3rd av, Newark, N. J.
Pennebaker-Turley, Chattanooga, Tenn.
Townsend Thos., 157 Orange, Providence, R. I.

15298—Needles (Knitting Machines)

Acme Knitting Machine & Needle Co., Franklin, N. H.
Adams G. H. Co., Hill, N. H.
Beckert Needle & Supply Co., 4929 Green, Phila., Pa.
Brinton H. Co., 213 Race, Phila., Pa.
Cooper Chas. (Est. of), Bennington, Vt.
Corey Wm. Co., Manchester, N. H.
Currier Needle Co., Manchester, N. H.
Ives Loyal T. Co., New Brunswick, N. J.
Laconia Needle Co., Laconia, N. H.
Lydall H. & Foulds, Manchester, Conn.
Manufacturers' Supplies Co., Juniper & Cherry, Phila., Pa.
Page Needle Co., Chicapee Falls, Mass.
Potter Fred J. (Spring Beard), New Brunswick, N. J.
TORRINGTON CO., THE EXCELSIOR PLANT, Successor to Excelsior Needle Co. ("Standard Latch"), Torrington, Conn. *See adv index at end of book*

15299— Needles (Latch)

Acme Knitting Machine & Needle Co., Franklin, N. H.
Adams Geo. H. Co., Hill, N. H.
Continental Latch Needle Co. ("Heaton"). 120 Liberty, New York
Cooper Chas. (Est. of), Bennington, Vt.
Corey Wm. Co., Manchester, N. H.
Crane Mfg. Co., Lakeport, N. H.
Franklin Needle Co., Franklin, N. H.
Keystone Latch Needle Co. (Spring Bottom), 543 W Lehigh av, Phila., Pa.
Laconia Needle Co., Laconia, N. H.
Lamb Knitting Machine Co., Chicopee Falls, Mass.
Page Needle Co., Chicopee Falls, Mass.
TORRINGTON CO., THE EXCELSIOR PLANT, Successor to Excelsior Needle Co. ("Standard"), Torrington, Conn. *See adv index at end of book*

15300—Needles (Sewing Machine)

National Sewing Machine Co., Belvidere, Ill.
Singer Sewing Machine Co., 149 B'way, New York
Thornton John Jr. ("Jas. Smith & Son," "Cleopatra" Imp.), 108 Worth, New York
Tompkins Bros. Co., Troy, N. Y.
Torrington Co., The Excelsior Plant, successor to Excelsior Needle Co., Torrington, Conn. *See adv index at end of book*

15301—Needles (Spring Knitting)

American Spring Needle Works, New Britain, Conn.
Breedon's Wm. Son, Amsterdam, N. Y.
Cooper Chas. (Est. of), Bennington, Vt.
Crane Mfg. Co., Lakeport, N. H.
Ives Loyal T. Co., New Brunswick, N. J.
Lydall H. & Foulds, Manchester, Conn.
Tompkins Bros. Co., Troy, N. Y.

15301a— Oil Rings

Morgan Spring Co., Worcester, Mass. *See adv index at end of book*

15302—Openers & Feeders (Wool Washer)

Harwood Geo. S. & Son, 53 State, Boston, Mass.

15303-4—Openers & Lappers (Cotton)

Birch Bros. (Conical Openers), Somerville, Mass.
H. & B. Am. Machine Co., Pawtucket, R.I.
Leigh & Butler ("Platt"), 232 Summer, Boston, Mass.
Potter & Johnston Machine Co., Pawtucket, R. I.
Riley C. E. Co., 161 Devonshire, Boston, Mass.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Smith & Furbush Machine Co., Hancock & Somerset, Phila., Pa.
Whitin Machine Works, Whitinsville, Mass.

Overseaming Machines

See Sewing Machines

15305— Oxidizing Machines

Philadelphia Drying Machinery Co., 3351 Stokley, Phila., Pa.

15306— Padding Machines

Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.
Watson Machine Co., Paterson, N. J.

15307— Piano Machines

Royle John & Sons (Jacquard Card), Paterson, N. J.

15308— Picker Leather

American Supply Co., 135 Washington, Providence, R. I.
Billington Jas. H. Co. (Imp.), **113 Chestnut, Phila., Pa.**
Bond Chas. Co. (Imp.), 617 Arch, Phila., Pa.
Chicago Rawhide Mfg. Co. (Rawhide), **1301 Elston av, Chicago, Ill.**
Coupe Wm. Co. (Ltd.), ("Excelsior" Raw Hide), S Attleboro, Mass.
Foulds I. & Son, Hudson, Mass.
Groezinger's G. Sons ("Helvetia"), Lancaster, Pa.
Holbrook Raw Hide Co. ("Tenax"), 748 N Main, Providence, R. I.
Houghton E. F. & Co. ("Vim"), 240 W Somerset, Phila., Pa.
Norwich Belt Mfg. Co. **("Tan-Bo" Rawhide)**, Norwich, Conn.
Page Belting Co., Concord, N. H.
Pechin Belting Co., Fairmount & Front, Phila., Pa.
Shultz Belting Co., Bismarck & Barton, St. Louis, Mo.
Van Riper Mfg. Co., Paterson, N. J.

15309— Picker Parts

Crabb Wm. & Co., 3d av, Newark, N. J.
Dodge Chas. S., Lowell, Mass.

15310— Picker Pins

Bagshaw W. H. Co., Lowell, Mass.
Dodge C. S. (Hot Forged), Lowell, Mass.
Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

15311— Picker Sticks

Brusher J. B., Norristown, Pa.
Keith J. M. & Co. (Hickory), Eastford, Conn.
Loveland, L. H. Co., Rumney, N. H.
Nashua Spool & Bobbin Co. (Hickory), Grove Hall Station, Boston, Mass.
STILES H. A. & CO. (Wood), 93-97 Oliver Boston, Mass. *See adv index at end of book*
Strock L. W. & Co., Bethlehem, Pa.
Tatem J. B. & Son, Putnam, Conn.
Torrey Bros. Co., Central Village, Conn.
Warlick & Sherrill Co., Granite Falls, N. C.

15312— Picker Teeth

Crabb Wm. & Co., 3d av, Newark, N. J.
Keystone Drop Forge Works, Chester, Pa.

15313— Pickers (Burr)

Brown Cotton Gin Co. ("Parkhurst"), New London, Conn.
Curtis & Marble Machine Co. ("Goddard," "Parkhurst"), Worcester, Mass.
Sargent's C. G. Sons Corp., **Graniteville,** Mass.
Smith James Woolen Machinery Co., Hancock & Somerset, Phila., Pa.
Smith & Furbush Machine Co., Hancock & Somerset, Phila., Pa.

15314— Pickers (Cotton)

Clark Machine & Fdy. Co., Franklin, Mass.
Curtis & Marble Mach. Co., Worcester, Mass.
Garland Mfg. Co., Saco, Me.
H. & B. Am. Machine Co., Pawtucket, R. I.
Potter & Johnston Mach. Co., Pawtucket, R. I.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Schofield Wm. C., Krams ab. Wilde, Phila., Pa.
Smith & Furbush Machine Co. ("Furbush"), Hancock & Somerset, Phila., Pa.
Whitin Mach. Works, Whitinsville, Mass.

15315— Pickers (Cotton Filled)

Wilkins Mfg. Co., Woonsocket, R. I.

15316— Pickers (Hair)

Curtis & Marble Machine Co. ("Atlas"), Worcester, Mass.
Ehrsam J. B. & Sons' Mfg. Co., Enterprise, Kans.
Harrington Geo. S. Co., 77 Washington, No. Boston, Mass.
Smith & Furbush Machine Co. (Improved Opener & Cleaner), Hancock & Somerset, Phila., Pa.
Willcomb Geo. Co. ("Prize"), 60 Chardon, Boston, Mass.

15317— Pickers (Loom)

Akron Belting Co. (Leather), Akron, O.
American Supply Co. (Leather), 135 Washington, Providence, R. I.
Barlow John W. Co., Lawrence, Mass.
Billington Jas. H. Co., **113 Chestnut, Phila., Pa.**
Brown Bros. Co., 62 Exchange pl, Providence, R. I.
Coupe Wm. Co. (Ltd.), So. Attleboro, Mass.
Crane Bros., Westfield, Mass.
Crompton & Knowles Loom Works, Worcester, Mass.
Garland Mfg. Co., Saco, Me.
Holbrook Raw Hide Co. (Rawhide), 748 N Main, Providence, R. I.
Hudson Belting Co. (Leather), 8 Eaton pl, Worcester, Mass.
Jacobs E. H. Mfg. Co. ("Northrop," "XXCY," "Surpass WX," "B. G. D." "Daisy"), Danielson, Conn.
Kimball L. S. (Leather), Lowell, Mass.
Milliken W. & Son, Franklin, Mass.
Smith James Woolen Machinery Co., Hancock & Somerset, Phila., Pa.
Union Belt Co., Fall River, Mass.
Whitin Machine Works ("Atherton"), Whitinsville, Mass.

15318— Pickers (Mixing)

Brown Cotton Gin Co., New London, Conn.
Clark Machine & Foundry Co., Franklin, Mass.
Curtis & Marble Machine Co. ("Atlas," "Fearnaught"), Worcester, Mass.
Smith & Furbush Machine Co., Hancock & Somerset, Phila., Pa.

15319—Pickers (Rag or Shoddy)

Brierly-Lombard Co., Worcester, Mass.
Clark Machine & Fdry. Co., Franklin, Mass.
Curtis & Marble Machine Co., Worcester, Mass.
Dodge C. S., Lowell, Mass.
Gerry Geo. & Son, Athol, Mass.
Lombard Machine Co., Worcester, Mass.
Schofield Wm. Co., Krams ab. Wilde, Phila., Pa.
Smith James Woolen Machinery Co., Hancock & Somerset, Phila., Pa.
Smith & Furbush Machine Co. ("Proctor"), Hancock & Somerset, Phila., Pa.

15320—Pickers & Cleaners (Stock)

Smith Jas. Woolen Machy. Co., Hancock & Somerset, Phila., Pa.

15321— Pins (Cast Steel)

Hood R. H. Co. ("English"), 1842 Germantown av, Phila., Pa.

15322—Plaiting & Fluting Machines

Ahlstrom O. J., 711 B'way, New York
Chandler Machine Co., Ayer, Mass.
Durbrow & Hearne Mfg. Co., 12 Wooster, New York
Lindner & Vradenburgh, 239 Centre, New York

15323— Press Papers & Boards

Case Brothers, Highland Park, Conn.
HEWITT C. B. & BROS., 49 Beekman, New York. *See adv index at end of book*
Merwin Paper Co., Hartford, Conn.
Rogers Paper Mfg. Co., South Manchester, Conn.
Wolf Bros., 330 N 12th, Philadelphia, Pa.

15324— Pressers & Flyers

Baker Mach. Co., New Bedford, Mass.

15324a— Presses (Baling Cloth)

DUNNING & BOSCHERT PRESS CO., 379 West Water, Syracuse, N. Y.
See adv index at end of book

15325— Presses (Cloth)

Hydraulic Press Mfg. Co., Mt. Gilead, O.
Spence & Rideout (Power Presses with Hollow Seam Plates & Connections), Nashua, N. H.

15326-7—Presses (Cloth, Rotary Steam)

Curtis & Marble Machine Co., Worcester, Mass.
Fisher Knitting Machine Co., Utica, N. Y.
Hart Chas., Plum & Hedge, Phila., Pa.
Voelker Geo. W. & Co., Woonsocket, R. I.
Woonsocket Mach. & Press Co., Woonsocket, R. I.

15328— Presses (Steam)

See Presses, Cloth, Rotary Steam

15329—Pumicing Machines (Worsted)

Curtis & Marble Machine Co., Worcester, Mass.

15330— Quillers

Altemus Jacob K., 2824 N 4th, Phila., Pa.
Atwood Machine Co., Stonington, Conn.
Crompton & Knowles Loom Works, Worcester, Mass.
Eastwood Benj. Co. ("Silk"), Paterson, N. J.
Foster Machine Co., Westfield, Mass.
Lever, Oswald Co. (Cross Traverse), 13th & Cumberland, Phila., Pa.
North Chelmsford Machine & Supply Co. (Yarn), North Chelmsford, Mass.
Payne Geo. W. & Co. (Upright), Pawtucket, R. I.
Rhode Island Braiding Machine Co., 228 Aborn, Providence, R. I.
Universal Winding Co. ("Leesona"), 95 South, Boston, Mass.
Whitin Machine Works ("Long Chain"), Whitinsville, Mass.

15331— Quills

Allentown Reed, Harness & Mill Supply Co., Allentown, Pa.
Hall I. A. Estate of, Paterson, N. J.
Ulrich Co., Paterson, N. J.
Walder Jacob, Paterson, N. J.

15332— Railway Heads

Fall River Foundry & Machine Co., Fall River, Mass.
Mason Machine Works, Taunton, Mass.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Whitin Machine Works, Whitinsville, Mass.

15333— Rashel Machines

Grosser Knitting Machine Co., 260 W B'way, New York
Spindler E. O. (Imp), 350 B'way, New York

15334-5— Ravelers

American Raveller Co., Philmont, N. Y.
Brown E. H. Mfg. Co., Troy, N. Y.

15336— Reeds

Allentown Reed, Harness & Mill Supply Co., Allentown, Pa.
American Supply Co. (Loom), 135 Washington, Providence, R. I.
Andrews' Loom Reed Harness Works, Spartanburg, S. C.
Baldwin Jas. Co., Manchester, N. H.
Benazet Heddle Co. (Ltd.), 500 W Girard av, Philadelphia, Pa.
Blackstone Reed & Harness Co., 41 Bayley, Pawtucket, R. I.
Carruthers Robt. Co., Lowell, Mass.
Crabb William & Co., 3d av, Newark, N. J.
Emmons Loom Harness Co., Lawrence, Mass.
Excelsior Loom Reed Works, Pawtucket, R. I.
Fearnley Arthur J., Fall River, Mass.
Gibbs Loom, Harness & Reed Co., Clinton, Mass.
Goss J. & E., Fall River, Mass.
Gowdey J. A. Reed & Harness Mfg. Co., 1226 N Main, Providence, R. I.
Hall I. A. Estate of, Paterson, N. J.
Hayes Loom, Reed & Harness Co., Woonsocket, R. I.
Heywood Bros. & Wakefield Co., Gardner, Mass.
Larkin Reed Co., Danielson, Conn.
Luther Reed Mfg. Co., Fall River, Mass.
McGregor & Sons, Fall River, Mass.
Paterson Reed & Harness Co., Paterson, N. J.
Sawyer Geo. F. & Son, Saco, Me.
Schmidt H. E. & Co. (Loom), New Bedford, Mass.
Ulrich Co., Paterson, N. J.
Walder J., Paterson, N. J.
Walker Mfg. Co., Kensington & Ontario, Philadelphia, Pa.
Whitaker Reed Co., Worcester, Mass.
Wilkins Mfg. Co., Woonsocket, R. I.
Williams J. H. Co. (Loom), Millbury, Mass.

15337— Reel Cabling Machines

New England Butt Co., 304 Pearl, Providence, R. I.

15338— Reels

Altemus Jacob K., 2824 N 4th, Phila., Pa.
Draper Corp., Hopedale, Mass.
Firth Wm. ("Stubbs"), 200 Devonshire, Boston, Mass.
Hopedale Mfg. Co., Milford, Mass.
Lever Oswald Co., 13th & Cumberland, Philadelphia, Pa.
Lindsay, Hyde & Co., 2130 E York, Phila., Pa.
Luther C. A. & Co. (Thread & Yarn), Pawtucket, R. I.
North Chelmsford Machine & Supply Co., North Chelmsford, Mass.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Scott Henry L. & Co. (Roving), 101 Blackstone, Providence, R. I.
Sipp Machine Co. (Power), Paterson, N. J.
Smith Jas. Woolen Machy. Co., Hancock & Somerset, Philadelphia, Pa.
Whitin Machine Works, Whitinsville, Mass.

15339—Reels (Skeining & Measuring)

Rhode Island Braiding Machine Co., 228 Aborn, Providence, R. I.

15340— Reels (Testing)

Sipp Machine Co., Paterson, N. J.

15341— Reels (Yarn)

Brown & Sharpe Mfg. Co., Providence, R. I.
Diamond Textile Machine Works, 1820 N 10th, Philadelphia, Pa.
Firth Wm. (Goodbrandt & Co.), 200 Devonshire, Boston, Mass.
Lever Oswald Co., 13th & Cumberland, Philadelphia, Pa.
Luther C. A. & Co., Pawtucket, R. I.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Smith Jas. Woolen Machy. Co., Hancock & Somerset, Philadelphia, Pa.
Whitin Machine Works, Whitinsville, Mass.

15342— Regulators (Evener)

Saco-Lowell Shops ("Britton"), 77 Franklin, Boston, Mass.

15343—Rib Cutting & Folding Machines

Cooper Chas. (Est. of), (Automatic), Bennington, Vt.

15344— Roll Coverers

Aubertin Jos. F., New Bedford, Mass.
Barlow Jno. W. Co., Lawrence, Mass.
Bridge Jno., Chester, Pa.
Cummings Geo. & Son, Fall River, Mass.
Davis & McLane Mfg. Co., Fall River, Mass.
Dickey Belting Co., Lewiston, Me.
Godfrey E. J. Co., North Adams, Mass.
Godfrey & Bolger, Adams, Mass.
Hathaway O. H. Co., Central Falls, R. I.
Holyoke Machine Co., Holyoke, Mass.
Hood R. H. Co., 1842 Gtn. av, Phila., Pa.
Houghton E. F. & Co. ("Vim" Leather), 240 Somerset, Phila., Pa.
Lakey C. T., Georgiaville, R. I.
McLanathan F. W. & Son, Lawrence, Mass.
Marsland James, Lawrence, Mass.
North Chelmsford Machine & Supply Co., North Chelmsford, Mass.
Pechin Belting Co., Fairmount & Front, Philadelphia, Pa.
Rowton H. A., Fitchburg, Mass.
Skinner C. E. & J. F., Valley Falls, R. I.
Tripp Jno. & Co., Lowell, Mass.
Turner J. S. Mfg. Co., Lowell, Mass.
Union Belt Co., Fall River, Mass.
Wainwright R., Westpoint, Ga.
Wetherell Orrin B. & Son Fall River, Mass.

15345— Roll Coverers' Tools

American Supply Co., 135 Washington, Providence, R. I.
Dennis John Machine Co., Lowell, Mass.

15346—Roller Covering Machines

Turner J. S. Mfg. Co. ("Turner's" Worsted), Lowell, Mass.

15347— Roller Leather

English C. R. Co., 301 Congress, Boston, Mass.
Foulds I. & Son, Hudson, Mass.
Houghton E. F. & Co. ("Vim"), 240 W Somerset, Phila., Pa.
North Chelmsford Machine & Supply Co., North Chelmsford, Mass.

15348— Roller Skins

American Supply Co., 135 Washington, Providence, R. I.
Firth Wm. (Kershaw & Sons), 200 Devonshire, Boston, Mass.
Spencer Wilton H. (Imported English), 11 Exchange pl, Providence, R. I.
Stone C. Moulton Co., 456 Benefit, Providence, R. I.

15349—Rollers (Copper Printing)

Taunton-New Bedford Copper Co., Taunton, Mass.
Textile Finishing Machy Co., 171 Westminster, Providence, R. I.

15350— Rolls (Card Feed)

See also Feeds

Adams J. T., Lowell, Mass.
Curtis & Marble Machine Co., Worcester, Mass.
Fall River Fdry. & Mach. Co., Fall River, Mass.
Harwood Geo. S. & Son, 53 State, Boston, Mass.
Hood R. H. Co. ("Harding's" Intersecting"), 1842 Gtn. av, Phila., Pa.
Smith & Furbush Machine Co. (Metallic), Hancock & Somerset, Phila., Pa.
Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.

15351— Rolls (Fluted)

Leigh & Butler, 232 Summer, Boston, Mass.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*
Riley C. E. Co., 161 Devonshire, Boston, Mass.
Thurston A. G. & Son, Fall River, Mass.
Whitin Machine Works, Whitinsville, Mass.

15352—Rolls (Metallic Drawing)

Metallic Drawing Roll Co., Indian Orchard, Mass.

15353— Rolls (Temple)

Draper Corp., Hopedale, Mass.
Hopedale Mfg. Co., Milford, Mass.

15354— Rotary Gills

Bagshaw W. H. Co., Lowell, Mass.

15355— Rovers & Reducers

Saco-Lowell Shops (Worsted), 77 Franklin, Boston, Mass.

15356— Saddles (Lubricating)

Dixon Lubricating Saddle Co., Bristol, R. I.

15357—Saddles & Fixtures (Tension)

ARGUTO-OILLESS BEARING CO. ("Arguto") for Cotton & Wooden Spinning Frames), Wayne Junction, Phila., Pa.
See adv index at end of book

15358— Sample Card Machines

American Numbering Machine Co. (Numbering), 224 Shepherd av, Brooklyn, **N. Y.**

15359— Sanding Machines

Curtis & Martin Machine Co. (Club), Worcester, Mass.
Kent Vacuum Cleaner Co. ("Utility") Rome, N. Y.
Parks & Woolson Mich. Co., Springfield, Vt.

15360— Scales (Band Tension)

Draper Corp., Hopedale, Mass.

15361— Scales (Dramming)

Sipp Machine Co., Paterson, N. J.

15362—Scales (Garment, Lever Balance)

Sweet & Doyle, Cohoes, N. Y.

15363— Scales (Yarn)

Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Sipp Machine Co., Paterson, N. J.
Sweet & Doyle, Cohoes, N. Y.

15364— Scallop Machines

Merrow Machine Co., Hartford, Conn.
National Automatic Knitter Co., 2725 Mutter, Philadelphia, Pa.

15365— Scarfing Machines

Luther C. A. & Co., Pawtucket, R. I.

15366—Scouring Machines (Wool)

Hunter James Machine Co., North Adams, Mass.
Klauder-Weldon Machine Co., Amsterdam, N. Y.
Riley C. E. Co., 161 Devonshire, Boston, Mass.
Smith Jas. Woolen Machy. Co., Hancock & Somerset, Philadelphia, Pa.

15367—Scouring Machines (Yarn)

Lorimer Machinery Co., Ontario & Lawrence, Phila., Pa.
Phila. Drying Machinery Co. ("Hurricane"), 3351 Stokley, Phila., Pa.

15368—. Screens (Card)

New England Ventilating & Heating Co., 926 Manton av, Providence, R. I.

15369— Scutchers

Birch Bros., Somerville, Mass.
Leyland Thomas & Co., Readville, Boston, Mass.
Textile Fininshing Machinery Co., 171 Westminster, Providence, R. I.

15370—Separators (Spinning Frame)

Draper Corp. ("Rhoades - Chandler"), Hopedale, Mass.

15371— Separators (Yarn)

Draper Corp., Hopedale, Mass.

15372—Shearing Machines (Textile)

Curtis & Marble Machine Co., Worcester, Mass.
Parks & Woolson Machine Co., Springfield, Vt.

15373—Shearing & Brushing Machine (Combined)

Curtis & Marble Machine Co., Worcester, Mass.

15374— Shoddy Machinery

Riley C. E. Co., 161 Devonshire, Boston, Mass.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.

15375— Shuttle Blocks

Cox J. Elwood, Highpoint, N. C.
Willingham E. G., Memphis, Tenn.
Wood A. C., Advance, N. C.

15376— Shuttle Eyes

Mitchell-Bissell Co., 251 4th av, New York

15377— Shuttle Guards

Crompton & Knowles Loom Works, Worcester, Mass.
Draper Corp. ("Sullivan"), Hopedale, Mass.

15378— Shuttle Irons

Chase F. A. & Co., 253 W Exchange, Providence, R. I.
Dudley D. T. & Son Co., Wilkinsonville, Mass.
Litchfield Shuttle Co., Southbridge, Mass.
Marble E. W. & Co., Wilkinsonville, Mass.
Richardson & Bottomley, West Mansfield, Mass.
Woonsocket Shuttle Co., Woonsocket, R. I.
Worcester Gear Works, Inc. (To Specification), 33 N Foster, Worcester, Mass.

15378a— *Shuttle Straps

Victor-Balata & Textile Belting Co. ("Victor-Balata"), 38 Murray, New York

15379— Shuttle Threaders

Lahue M. M. & Co., Lowell, Mass.

15380— Shuttles

Allentown Reed Harness & Mill Supply Co., Allentown, Pa.
American Shuttle Co. (Sales Agents), Exchange bldg, Boston, Mass.
American Supply Co., 135 Washington, Providence, R. I.
Billington Jas. H. Co., 113 Chestnut, Philadelphia, Pa.
Dudley D. T. & Son Co., Wilkinsonville, Mass.
Dudley S. A., Taunton, Mass.
Hakes H. W. Mfg. Co., Millbury, Mass.
Hall I. A. Estate of, Paterson, N. J.
Leigh & Butler ("Wilson Bros."), 232 Summer, Boston, Mass.
Litchfield Shuttle Co., Southbridge, Mass.
Lowell Shuttle Co., Lowell, Mass.
New Bedford Shuttle Co., New Bedford, Mass.
Norris Brothers, Greenville, S. C.
Sergeson R. & Co., Palmer & Tulip, Philadelphia, Pa.
Shambow Shuttle Co., Woonsocket, R. I.
Taunton Spindle Co., Taunton, Mass.
Ulrich Co., Paterson, N. J.
Union Shuttle Co., Lawrence, Mass.
U. S. Bobbin & Shuttle Co., 57 Eddy, Providence, R. I.
Walder Jacob, Paterson, N. J.
Watson L. S. Mfg. Co., Leicester, Mass.
Williams J. H. Co., Millbury, Mass.
Woonsocket Shuttle Co., Woonsocket, R. I.

15381— Silk Machinery

Atwood Machine Co., Stonington, Conn.
Brigham Arthur A., 17 Milk, Boston, Mass.
Butterworth H. W. & Sons Co., (Finishing) 2415 E York, Philadelphia, Pa.
Cavagnaro Jno. J. (Silk Finishers), Harrison, N. J.
Crompton & Knowles Loom Works (Weaving), Worcester, Mass.
Eastwood Benj. Co., Paterson, N. J.
Hakemeyer Machine Co., Paterson, N. J.
Kilburn Lincoln Machine Co., Fall River, Mass.
Knapp C. H., Waite & Rye, Paterson, N. J.
Mason Machine Works, Taunton, Mass.
National Mill Supply Co., Paterson, N. J.
New England Butt Co. (Silk Covering), 304 Pearl, Providence, R. I.
Schaum & Uhinger, 2nd & Glenwood av, Philadelphia, Pa.
Sipp Machine Co., Paterson, N. J.
Stafford Co., Readville, Mass.
Textile Finishing Machinery Co. (Finishing), 171 Westminster, Providence, R. I.
Willimantic Machine Co., Willimantic, Conn.

15382— Singe Plates

Birch Bros., Somerville, Mass.
Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Taunton-New Bedford Copper Co., Taunton, Mass.
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.

15383— Singeing Machines

Birch Bros., Somerville, Mass.
Butterworth H. W. & Sons Co., 2415 E York, Philadelphia, Pa.
Curtis & Marble Machine Co. (Gas), Worcester, Mass.
Eastwood Benj. Co. (Gas), Paterson, N. J.
Hussa Theo. F. (Electric), 50 Church, New York
Knapp C. H. c Waite & Rye, Paterson, N. J.
Leigh & Butler, 232 Summer, Boston, Mass.
New England Butt Co., 304 Pearl, Providence, R. I.
Philadelphia Drying Machinery Co. ("Hurricane," Automatic, Hagar Type), 3351 Stokley, Phila., Pa.
Rhode Island Braiding Machine Co., 225 Aborn, Providence, R. I.
Skevington H. & Co. (Hosiery), 1610 N Philip, Philadelphia, Pa.
Smith Drum & Co., Allegheny av & 4th, Philadelphia, Pa.
Textile Finishing Mach'y Co., 171 Westminster, Providence, R. I.
Watson Machine Co., Paterson, N. J.

15384— Sinkers (Silk)

Cooper Chas. (Est. of), Bennington, Vt.

15385— Sizing Machines

American Clay Working Mach. Co., S Walnut, Bucyrus, O.
Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Cocker Machine & Fdry. Co., Gastonia, N. C.
Textile Finishing Machinery Co. (Cloth & Yarn), 171 Westminster, Providence, R. I.

15386— Skewers

Fall River Bobbin & Shuttle Co., Fall River, Mass.
Fall River Fdry. & Mach. Co., Fall River, Mass.
Payne Geo. W. & Co. (Cop), Pawtucket, R. I.
U. S. Bobbin & Shuttle Co., 57 Eddy, Providence, R. I.
Weld Bobbin & Spool Co., Lawrence, Mass.
Woodstock Mfg. Co., Charleston, S. C.

15387— Slashers

Cohoes Iron Foundry & Machine Co. ("Cohoes" Cylinder & Hot Air), Cohoes, N. Y.
Entwistle T. C. Co., Lowell, Mass.
Fearnley Arthur J., Fall River, Mass.
Leigh & Butler, 232 Summer, Boston, Mass.
Riley C. E. Co., 161 Devonshire, Boston, Mass.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Textile Finishing Machinery Co. (Cylinder), 171 Westminster, Providence, R. I.

15388—Slashers (Steam, Exhausting Apparatus for)

STURTEVANT B. F. CO., ("Sturtevant") 15 Damon Hyde Park, Boston, Mass.
See adv index at end of book

15389— Slubbing Machines

See also Frames, Slubbing

Klauder-Weldon Machine Co., Amsterdam, N. Y.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Whitin Machine Works, Whitinsville, Mass.
Woonsocket Machine & Press Co., Woonsocket, R. I.

15390— Soaping Machines

Birch Bros. (Open), Somerville, Mass.
Butterworth H. W. & Sons Co. (Open), 2415 E York, Phila., Pa.
Hunt Rodney Machine Co., Orange, Mass.
Textile Finishing Machinery Co. (Open), 171 Westminster, Providence, R. I.
Watson Machine Co. (For Silk), Paterson, N. J.

Soaps (Textile)

See Mill Soaps

15391— Speeders (Cotton)

Saco-Lowell Shops, 77 Franklin, Boston, Mass.

Spindle Banding

See Braided Banding; also Spindle Hook Bands

15392— Spindle Bolsters

Payne Geo. W. & Co., Pawtucket, R. I.
Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, Ohio.

15393— Spindle Hook Bands

American Textile Banding Co., Marshall & Hunting pk, Phila, Pa.
Binns Patent Band Co., 1842 Germantown av, Phila., Pa.
Frost Geo. T. & Sons,, Paterson, N. J.
Hodson John M., Boone & Markle, Philadelphia, Pa.
Young John B., J. & Levick, Phila., Pa.

15394—Spindle Tubes (Worsted)

Riley C. E. Co., 161 Devonshire, Boston, Mass.

15395-6— Spindles

Bamford & Smith Co., 9 Culver, Providence, R. I.
Calder Machine Works, 420 E 3rd, Phila., Pa.
Dann Bros. & Co., New Haven, Conn.
Draper Corp. ("Rabbeth" Centrifugal Clutch), Hopedale, Mass.
Easton & Burnham Machine Co. (High Speed), Pine, Pawtucket, R. I.
Ellsworth Hardwood Co. (Wood of All Varieties), Ellsworth, Me.
Firth Wm. ("Clapham, Smith & Co.'s"), 200 Devonshire, Boston, Mass.
Hall F. A. & P., Lawrence, Mass.
Hall I. A. Estate of, ("Cant Slip"), Paterson, N. J.
Hartson L. M. Co. (Winder), N Windham, Conn.
Lever Oswald Co. (Horizontal, Driven by **Belts), 13th & Cumberland, Philadelphia, Pa.**
National-Acme Mfg. Co. ("Gridley" Automatic), 7500 Stanton av, S E, Cleveland, O.
Payne Geo. W. & Co., Pawtucket, R. I.
Prue Frank J. (For Cop Yarn Winding), Woonsocket, R. I.
Southern Spindle & Flyer Co., Charlotte, N. C.
Taunton Spindle Co., Taunton, Mass.
U. S. Bobbin & Shuttle Co., 57 Eddy, Providence, R. I.
Wescott A. A. & Sons, Hopedale, Mass.
Whitin Machine Works, Whitinsville, Mass.
Wisconsin Textile Mfg. Co., Two Rivers, Wis.

15397— Spindles (Dresser)

Payne Geo. W. & Co., Pawtucket, R. I.

15398— Spindles (Reel)

Payne Geo. W. & Co., Pawtucket, R. I.

15399— Spindles (Shuttle)

Chase F. A. & Co., 253 W Exchange, Providence, R. I.

15400— Spindles (Spooler)

Diamond Textile Machine Works, 1820 N 10th, Philadelphia, Pa.
Payne Geo. W. & Co., Pawtucket, R. I.

Spinning Machinery

See Frames, also Mules

15401—Spinning Machinery (Jute)

Brownell G. L. (Heavy Cotton Yarn), Worcester, Mass.
Watson Machine Co., Paterson, N. J.

15402— Spinning Rings

Brown Bros. Co., 62 Exchange pl, Providence, R. I.
Draper Corp. ("Mirror" & Twister), Hopedale, Mass.
Hall F. A. & P., Lawrence, Mass.
National Ring Traveler Co., 257 W Exchange, Providence, R. I.
Pawtucket Spinning Ring Co., Pawtucket, R. I.
Whitinsville Spinning Ring Co., Whitinsville, Mass.

15403— Spinning Tubes

American Paper Tube Co. (Paper), Woonsocket, R. I.
Bamford & Smith Co., 9 Culver, Providence, R. I.
Hall F. A. & P., Lawrence, Mass.

15404— Splicing Machines

Brigham Arthur A., 49 Milk, Boston, Mass.

15405—Spool Stranding Machines

New England Butt Co., 304 Pearl, Providence, R. I.

15406— Spooler Guides

Draper Corp. ("Northrop," "Lawrence," "MacColl"), Hopedale, Mass.
Grammes L. F. & Sons Co., Allentown, Pa.
Payne Geo. W. & Co., Pawtucket, R. I.

15407— Spoolers (Cotton)

Altemus Jacob K., 2824 N 4th, Philadelphia, Pa.
Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.
Draper Corp., Hopedale, Mass.
Easton & Burnham Machine Co., Pine, Pawtucket, R. I.
Foster Machine Co., Westfield, Mass.
Lever, Oswald Co., 13th & Cumberland, Philadelphia, Pa.
Lyall J. & W. Passaic, N. J.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Smith Jas. Woolen Machy. Hancock & Somerset, Philadelphia, Pa.
Warp Compressing Machine Co., Worcester, Mass.
Whitin Machine Works, Whitinsville, Mass.

15408— Spoolers (Doubling)

Payne Geo. W. & Co., Pawtucket, R. I.

15409— Spoolers (Dresser)

Altemus Jacob K., 2824 N 4th, Philadelphia, Pa.
Diamond Textile Machine Works, 1820 N 10th, Philadelphia, Pa.
Foster Machine Co., Westfield, Mass.
Lever Osw. Co., 13th & Cumberland, Philadelphia, Pa.
Lindsay, Hyde & Co., 2130 E York, Phila., Pa
Smith & Furbush Machine Co. ("Furbush") Hancock & Somerset, Phila., Pa.

15410—Spoolers (Woolen & Worsteds)

Allen A. W., 2427 Mascher, Phila., Pa.
Altemus Jacob K., 2824 N 4th, Philadelphia, Pa.
Diamond Textile Machine Works, 1820 N 10th, Philadelphia, Pa.
Easton & Burnham Machine Co., Pine, Pawtucket, R. I.
Foster Machine Co., Westfield, Mass.
Hall F. A. & P., Lawrence, Mass.
Smith Jas. Woolen Machy. Co., Hancock & Somerset, Philadelphia, Pa.
Smith & Furbush Mach. Co., Hancock & Somerset, Phila., Pa.
Warp Compressing Machine Co., Worcester, Mass.

15411— Spoolers (Yarn)

Diamond Textile Machine Works, 1820 N 10th, Philadelphia, Pa.
Foster Machine Co., Westfield, Mass.
Lever Oswald Co., 13th & Cumberland. Phila., Pa.
Payne Geo. W. & Co., **Pawtucket, R. I.**

Spooling Machines

See Spoolers

15412— Spools

See also Bobbins

Allen Spool & Printing Co., Mystic, Conn.
American Supply Co., 135 Washington, Providence, R. I.
Atwood Crawford Co., Pawtucket, R. I.
Avoca Mfg. Co., Avoca, N. Y.
Baldwin Jas. Co., Manchester, N. H.
Benazet Heddle Co. (Ltd.), 500 W Girard av, Philadelphia, Pa.
Bogert & Hopper (Cotton, Ribbon, Wire, Filler Sticks, etc.), 67 Barclay, New York
Brown Bros. Co., 62 Exchange pl, Providence, R. I.
Brown Jas. Jr. & Sons, Ring & Main, Philadelphia, Pa.
Conway Lumber Co. (Pine & Hemlock), Conway, N. H.
Estes E. B. & Sons (Cotton Thread), 364 5th av, New York
See adv index at end of book
Excelsior Bobbin & Spool Co., Newtown, Pa.
Fall River Bobbin & Shuttle Co., 821 Cambridge, Fall River, Mass.
Fall River Foundry & Machine Co., Fall River, Mass.
Frary Mfg. Co. (Printed), Charlemont, Mass.
Frary Spool Co., Berlin, N. Y.
Frost Geo. T. & Sons, Paterson, N. J.
Hamilton Bros. Co., Goffstown, N. H.
Hoffman J. C. Inc., 10 Jones, New York
Kline Lewis T. (Thread), Alpena, Mich.
Lestershire Spool & Mfg. Co. (Metal Protected), Lestershire, N. Y.
Macrodi Fibre Co. (Fibre), Woonsocket, R. I.
Nashua Spool & Bobbin Co. (All Kinds), Grove Hall Station, Boston, Mass.
Novelty Turning Co., Norway, Me.
Payne Geo. W. & Co., Pawtucket, R. I.
Schutz Bros., 152 Chambers, New York
Skilling Julius P., Bethel, Me.
Tebbets E. L. Spool Co., Locke Mills, Me.
Union Shuttle Co., Lawrence, Mass.
U. S. Bobbin & Shuttle Co., 57 Eddy, Providence, R. I.
Van Riper Mfg. Co., Paterson, N. J.
Vermont Spool & Bobbin Co., Burlington, Vt.
Weatherhead, Thompson & Co., Pawtucket, R. I.
Weld Bobbin & Spool Co., Lawrence, Mass.
Williams J. H. Co., Millbury, Mass.
Wisconsin Textile Mfg. Co., Two Rivers, Wis.
Wonder Spool Co. (Fibre), 13 Wormwood, Boston, Mass.
Woodstock Mfg. Co., Charleston, S. C.

15413—Spools (Dresser, Steel Head)

Mossberg Frank Co., Attleboro, Mass.
Sweet & Doyle, Cohoes, N. Y.

15414—Spools (Jack, Steel Head)

Crandall G. H. Co., Cohoes, N. Y.
Mossberg Frank Co., Attleboro, Mass.
Sweet & Doyle ("S. & D."), Cohoes, N. Y.
U. S. Bobbin & Shuttle Co., 57 Eddy, Providence, R. I.

15415— Spools (Silk Thread)

Atwood Crawford Co., Pawtucket, R. I.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Nashua Spool & Bobbin Co., Grove Hall **Station, Boston, Mass.**
Stowell N. S. & Co., Dixfield, Me.
Tebbets E. L. Spool Co., Locke Mills, Me.

15416— Spools (Warp)

Payne Geo. W. & Co., Pawtucket, R. I.
U. S. Bobbin & Shuttle Co. ("Boynton" Patent), 57 Eddy, Providence, R. I.

15417— Sprinkling Machines

Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.

15418— Squeezers

Birch Bros., Somerville, Mass.
Textile Finishing Machinery Co. (Chemic., Sour & Water), 171 Westminster, Providence, R. I.
Watson Machine Co., Paterson, N. J.

15419— Stamping Machines

Ready Mfg. Co. (Indelible Ink), Troy, N. Y.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.

15420— Steaming Machines

Birch Bros., Somerville, Mass.
Curtis & Marble Machine Co. (Cloth), Worcester, Mass.
Hunter James Machine Co., N Adams, Mass.
Textile Finishing Machinery Co. ("Rusden" Continuous Chainless), 171 Westminster, Providence, R. I.
Tillotson Humidifier Co. (Yarn), 78 Fountain, Providence, R. I.

15421—Stirrups & Levers (Cotton Machinery)

Dixon Lubricating Saddle Co., Bristol, R. I.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.

15422—Stock Cleaners (Four Cylinder)

Smith Jas. Woolen Machy. Co., Hancock & Somerset, Philadelphia, Pa.

15423—Stock Oilers ("Spencer")

Harwood Geo. S. & Son, 53 State, Boston, Mass.

15424— Strapping Machines

See also Sewing Machines

Union Button Sewing Co., 394 Atlantic av, Boston, Mass.

15425— Stripping Machines

Hussong Dyeing & Machine Co., Groveville, N. J.
Leighton Machine Co. (Sweaters, Cardigans & Collarettes & Anklets), Manchester, N. H.
Smith, Drum & Co., Allegheny av & 4th, Philadelphia, Pa.

15425a— Surfacing (Steel)

ERDLE PERFORATING CO. (For Cotton & Duck Mills), 181 York, Rochester, N. Y. *See adv index at end of book*

15426— Sweep Sticks

Brusher J. B., Norristown, Pa.

15427— Tapes, Braids & Cords

American Textile Banding Co. (Spinning Tape), Marshall & Hunting pk, Phila., Pa.
Ansonia O. & C. Co., Ansonia, Conn.
Atkins & Pearce Mfg. Co., 5th & Eggleston av, Cincinnati, O.
Barber Mfg. Co. (Spinning Tapes), Lowell, Mass.
Barlow John W. Co. (Spinning), Lawrence, Mass.
Barton F. C., 65 Worth, New York
Bibb Mfg. Co., Macon, Ga.
Christ Bros. Mfg. Co. (Elastic Braids & Cords), 1303 Buttonwood, Phila., Pa.
Friedberger-Aaron Mfg. Co., 18th & Courtland, Phila., Pa.
Goff D. & Sons, Pawtucket, R. I.
Glendale Elastic Fabrics Co. (Cords & Braids), Easthampton, Mass.
Hamilton J. H. & Co., 25 White, New York
Hoffman-Corr Mfg. Co., 312 Market, Philadelphia, Pa.
Hooper Sons Mfg. Co., Juniper & Cherry, Phila., Pa.
Hope Webbing Co. (Spinning Tapes), 1005 Main, Providence, R. I.
Industrial Tape Mills Co., Jasper & Huntington, Phila., Pa.
International Braid Co., 47 Charles, Providence, R. I.
Kavanaugh Geo. W., Cohoes, N. Y.
Kenyon J. J. Mfg. Co., Pawtucket, R. I.
Krout & Fite Mfg. Co., Allegheny av & Emerald, Phila., Pa.
Lambeth Rope Corporation (Flat Braided Tapes), New Bedford, Mass.
Martin Sidney (Braids & Cords), Chelsea, Mass.
Mount Pleasant Banding Co., New Bedford, Mass.
Narrow Fabric Co., Reading, Pa.
Small Bros., Fall River, Mass.
Weimar Bros., 2046 Amber, Phila., Pa.
Wick Narrow Fabric Co., 931 Market, Phila., Pa.
Wilkins Mfg. Co. (Plain & Fancy Tapes), Woonsocket, R. I.
Young John B., J. & Levick, Phila., Pa.

Temples

See Loom Temples

15427a— Tensions (Shuttle)

Parsons Specialty & Machine Works (Silk), 2427 No 4th, Phila., Pa.

15428— Tenter Clips

Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.
Winsor & Jerauld Mfg. Co., 223 Harrison, Providence, R. I.

15429— Tentering Machines

Birch Bros., Somerville, Mass.
Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Heathcote John & Son (For Woolens & Worsteds), 212 Eddy, Providence, R. I.
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.
Winsor & Jerauld Mfg. Co., 223 Harrison, Providence, R. I.

15430— Testers (Yarn)

Draper Corp. (Moscrop Single Thread), Hopedale, Mass.

15431—Testing Machines (Cloth)

Riehle Bros. Testing Machine Co., 1424 N 9th, Phila., Pa.
Scott Henry L. & Co., 101 Blackstone, Providence, R. I.
Shuttle Machine Co. ("Tensyl"), 18 E 17th, New York
Sipp Machine Co., Paterson, N. J.

15432— Testing Machines (Silk)

Sipp Machine Co., Paterson, N. J.

15433—Testing Machines (Yarn)

American Supply Co., 135 Washington, Providence, R. I.
Firth Wm. (Goodbrandt Co.), 200 Devonshire, Boston, Mass.
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
Scott Henry L. & Co., 101 Blackstone, Providence, R. I.
Sweet & Doyle, Cohoes, N. Y.

15434— Textile Parts

Worcester Pressed Steel Co., Worcester, Mass.

15435— Thread Board (Steel)

Houghton Mfg. Co., Worcester, Mass.

15436— Thread Machinery

Atwood Machine Co., Stonington, Conn.
Willimantic Machine Co., Willimantic, Conn.

15437— Tom-Toms (For Hosiery)

Phila. Drying Machy. Co., 3351 Stokley, Phila., Pa.
Utica Novelty & Mill Specialty Co., Utica, N. Y.

15438— Trade-Mark Stamps

Kaumagraph Co., 209 W 38th, New York

15439— Traveler Cleaners

Whitinsville Spinning Ring Co., Whitinsville, Mass.

15440— Traveler Cups

Whitinsville Spinning Ring Co., Whitinsville, Mass.

15441-2— Travelers (Ring)

American Supply Co., 135 Washington, Providence, R. I.
Brown Bros. Co., 62 Exchange pl, Providence, R. I.
Chase F. A. & Co., 253 W Exchange, Providence, R. I.
Dary Ring Traveller Co., Taunton, Mass.
DE HAVEN MFG. CO., 50 Columbia Heights, Brooklyn, N. Y.
Hartson L. M. Co. (& Bar), N Windham, Conn.
National Ring Traveler Co., 257 W Exchange, Providence, R. I.
Standard Ring Traveler Co., New Bedford, Mass.
Sterling Ring Traveler Co., Fall River, Mass.
U. S. Ring Traveler Co., 159 Aborn, Providence, R. I.
Victor Shaw Ring Traveler Co. ("Victor"), 23 Sabin, Providence, R. I.

Travelers (Spinning & Twisting)

See Travelers, Ring

15443— Twine Balling Machines

Loyd Jno. Co., 124 Baxter, New York

15444— Twisters (Carpet)

Reed Mfg. Co. (Foot Power), Springfield, Ohio

15445— Twisters (Cordage)

Brownell G. L. Worcester, Mass.
Lyall J. & W. Passaic, N. J.

15446— Twisters (Cotton)

Brownell G. L., Worcester, Mass.
Collins Bros., Pawtucket, R. I.
Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.
Draper Corp., Hopedale, Mass.
H. & B. Am. Machine Co., Pawtucket, R. I.
Haskell-Dawes Machine Co. (Also Jute), 176 Federal, Boston, Mass.
Pawtucket Spinning Ring Co., Pawtucket, R. I.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Whitin Machine Works, Whitinsville, Mass

15447— Twisters (Silk)

Atwood Machine Co., Stonington, Conn.
Brownell G. L., Worcester, Mass.

15448— Twisters (Wool)

Collins Bros., Pawtucket, R. I.
Fales & Jenks Machine Co., Pawtucket, R. I.
Riley C. E. Co., 161 Devonshire, Boston, Mass.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Smith James Woolen Machy. Co., Hancock & Somerset, Philadelphia, Pa.

15449— Twisters (Yarn)

Chaney Mfg. Co., Springfield, Ohio
Collins Bros., Pawtucket, R. I.
Riley C. E. Co., 161 Devonshire, Boston, Mass.
Smith & Furbush Machine Co., Hancock & Somerset, Phila., Pa.

15450— Warpers

Altemus Jacob K., 2824 N 4th, Phila., Pa.
American Warp Drawing Machine Co., 95 Milk, Boston, Mass.
Atherton Fred L. Machine Co., Paterson, N. J.
Atwood Machine Co., Stonington, Conn.
Cocker Machine & Fdry. Co., Gastonia, N. C.
Crompton & Knowles Loom Works, Worcester, Mass.
Draper Corp. ("Hopedale"), Hopedale, Mass.
Eastwood Benj. Co. (Silk & Lace, Horizontal & Swiss), Paterson, N. J.
Entwistle T. C Co., Lowell, Mass.
Fisher Knitting Machine Co. (For Silk Gloves & Lining), Utica, N. Y.
Knapp C. H., Paterson, N. J.
Riley C. E. Co., 161 Devonshire, Boston, Mass.
Royle John & Sons, Paterson, N. J.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Sipp Machine Co. (Silk, Horizontal & Swiss), Paterson, N. J.
Smith & Furbush Mach. Co., Hancock & Somerset, Phila., Pa.
Whitin Machine Works, Whitinsville, Mass.

15451— Warpers (Leese)

Saco-Lowell Shops, 77 Franklin, Boston, Mass.

15452— Warpers (Slasher)

Saco-Lowell Shops, 77 Franklin, Boston, Mass.

15453—Warpers (Swiss Attachment)

Sipp Machine Co., Paterson, N. J.

15454—Warpers & Linkers (Chain)

Draper Corp. ("Walcott" Warpers), Hopedale, Mass.

15455— Warping Mills

Lever, Oswald Co, 13th & Cumberland, Phila., Pa.

15456—Warping Mills (Sectional)

Lever, Oswald & Co, 13th & Cumberland, Phila., Pa.
Smith & Furbush Machine Co., Hancock & Somerset, Phila., Pa.

15457— Warps

Bibb Mfg. Co. (Spool, Carpet, etc), Macon, Ga.
Dana Warp Mills, Westbrook, Me.
Grant Yarn Co., Fitchburg, Mass.
Greene & Daniels Co., Pawtucket, R. I.
Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
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Montgomery J. R. Co., Windsor Locks, Conn.
Monument Mills, Housatonic, Mass.
Plunkett W. C. & Sons (Cotton), Adams, Mass.
Westport Mfg. Co. (Carpet), Westport, Mass.

15458—Washer & Fuller Combined

Hunt Rodney Machine Co., Orange, Mass.
Hunter James Machine Co., North Adams, Mass.

15459— Washers (Cloth)

Arlington Machine Works, Arlington Heights, Mass.
Birch Bros., Somerville, Mass.
Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.
Hunt Rodney Machine Co., Orange, Mass.
Hunter James Machine Co., North Adams, Mass.
Philadelphia Drying Machinery Co., 3351 Stokley, Phila., Pa.
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.
Watson Machine Co., Paterson, N. J.

15460— Washers (Warp)

Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.

15461— Washers (Wool)

Hunter James Machine Co., North Adams, Mass.
Sargent's C. G. Sons Corp., Graniteville, Mass.
Smith James Woolen Machy. Co., Hancock & Somerset, Philadelphia, Pa.
Speed & Stephenson, 170 Summer, Boston, Mass.

15462— Washers (Yarn)

Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.

15463—Waste Machines (Cotton)

Firth Wm. (Fatham & Co.'s), 200 Devonshire, Boston, Mass.
General Supply Corp., Worcester, Mass.
Riley C. E. Co., 161 Devonshire, Boston, Mass.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Smith & Furbush Machine Co. ("Shaughnessy"), Hancock & Somerset, Phila., Pa.

15464—Waste Machines (Engine Cleaning)

Riley C. E. Co., 161 Devonshire, Boston, Mass.

15465— Waste Savers

Torrance Mfg. Co. ("Choquette"), Harrison, N. J.

15466— Waste Silk Machinery

Saco-Lowell Shops, 77 Franklin, Boston, Mass.

15467— Weaversknot Tyer

Edmands Arthur B. Co., 180 Main, Pawtucket, R. I.

Weaving Machinery
See Looms

15468— Web Folding Machines

Grand Rapids Textile Machinery Co., Grand Rapids, Mich.

15469— Wheels (Burr)

Cooper Chas. (Est. of), Bennington, Vt.

15470—Willowing Machines (Wool)

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Riley C. E. Co., 161 Devonshire, Boston, Mass.
Sargent's C. G. Sons Corp., Graniteville, Mass.
Smith James Woolen Machy. Co., Hancock & Somerset, Phila., Pa.
Smith & Furbush Machine Co. ("Proctor"), Hancock & Somerset, Phila., Pa.

15471— Winders

See also Sub-divisions of this Head

Allen A. W. (Yarn), 2427 Mascher, Phila., Pa.
Altemus Jacob K., 2824 N 4th, Phila., Pa.
Atwood Machine Co., Stonington, Conn.
Campbell & Clute Machine Co., Cohoes, N. Y.
Diamond Textile Machine Works (Bobbin), 1820 N 10th, Phila., Pa.
Eastwood Benj. Co. (Silk), Paterson, N. J.
Firth Wm. (Stubbs), 200 Devonshire, Boston, Mass.
Foster Mach. Co., Westfield, Mass.
Hall F. A. & P. ("Horrock's" Drum), Lawrence, Mass.
Lazenby F. A. & Co. (Cotton Duck), 414 Key Highway, Baltimore, Md.
Leighton Machine Co., Manchester, N. H.
Lever Oswald Co., 13th & Cumberland, Phila., Pa.
Lyall J. & W. (Spool), Passaic, N. J.
Payne Geo. W. & Co. (Cop, Skein or Bobbin), Pawtucket, R. I.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Sipp Machine Co., Paterson, N. J.
Smith Drum & Co., Allegheny av & 4th, Phila., Pa.
Spindler E. O. (Imp), 350 B'way, New York
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.
Textile Machine Works, Reading, Pa.
Universal Winding Co. ("Leesona"), 95 South Boston, Mass.
Watson Machine Co., Paterson, N. J.
Whitin Machine Works, Whitinsville, Mass.

15472— Winders (Ball)

Franklin Machine Co., 189 Charles, Providence, R. I.
North Chelmsford Machine & Supply Co. (Automatic), North Chelmsford, Mass.

15473— Winders (Cone)

Brigham Arthur A. ("Broadbent & Brighams"), 17 Milk, Boston, Mass.
Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.
Foster Machine Co., Westfield, Mass.
Lever Oswald Co., 13th & Cumberland, Phila., Pa.
Universal Winding Co. ("Leesona"), 95 South Boston, Mass.

15474— Winders (Cop)

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Lazenby F. A. & Co., 414 Key Highway, Baltimore, Md.
Lever Oswald Co., 13th & Cumberland, Phila., Pa.
Lindsay Hyde & Co., 2130 E York, Phila., Pa.
Lyall J. & W., Passaic, N. J.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Sipp Machine Co., Paterson, N. J.
Universal Winding Co. ("Leesona"), 95 South, Boston, Mass.

15475— Winders (Fillet)

Smith Jas. Woolen Machy. Co., Hancock & Somerset, Phila., Pa.

15476— Winders (Hosiery)

Allen A. W., 2427 Mascher, Phila., Pa.
Altemus Jacob K., 2824 N 4th, Phila., Pa.
Brigham Arthur A. ("Broadbent & Brighams"), 17 Milk, Boston, Mass.
Easton & Burnham Machine Co., Pine, Pawtucket, R. I.
Foster Machine Co., Westfield, Mass.
Huse Warren D. & Sons, Laconia, N. H.
Leighton Machine Co., Manchester, N. H.
Lever Oswald Co., 13th & Cumberland, Phila., Pa.
Lindley Geo. W., 5122 Wakefield, Germantown, Phila., Pa.
Lindsay Hyde & Co., 2130 E York, Phila., Pa.
Payne Geo. W. & Co., Pawtucket, R. I.
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
Spindler E. O., 350 B'way, New York
Universal Winding Co. ("Leesona"), 95 South, Boston, Mass.

15477— Winders (Lap)

Saco-Lowell Shops, 77 Franklin, Boston, Mass

15478— Winders (Magnet)

Universal Winding Co. ("Leesona"), 95 South, Boston, Mass.

15479— Winders (Quill)

Lazenby F. A. & Co., 414 Key Highway, Baltimore, Md.
Lever, Oswald Co., 13th & Cumberland, Phila., Pa.
Sipp Machine Co., Paterson, N. J.
Universal Winding Co. ("Leesona"), 95 South, Boston, Mass.

15480— Winders (Skein)

Altemus Jacob K., 2824 N 4th, Phila., Pa.
Brigham Arthur A., 17 Milk, Boston, Mass.
Collins Bros. (Drum), Pawtucket, R. I.
Easton & Burnham Machine Co., Pine, Pawtucket, R. I.
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15481— Winders (Yarn)

Altemus Jacob K., 2824 N 4th, Phila., Pa.
Lever, Oswald Co., 13th & Cumberland, Phila., Pa.
Universal Winding Co. ("Leesona"), 95 South, Boston, Mass.

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Curtis & Marble Mach. Co., Worcester, Mass.
Parks & Woolson Machine Co., Springfield, Vt.
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.

15483—Winding Machines (Hank)

Smith Jas. Woolen Machy. Co., Hancock & Somerset, Phila., Pa.

15484—Winding Machines (Paper Tube)

Altemus Jacob K., 2824 N 4th, Phila., Pa.

Wool Burring Machines
See Burring Machines

15485—Woolen & Worsted Machinery

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Davis & Furber Machine Co. (Wool), N Andover, Mass.
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Firth Wm. 200 Devonshire, Boston, Mass.
Harwood Geo. S. & Son, 53 State, Boston, Mass.
Hood R. H. Co., 1842 Germantown av, Phila., Pa.
Hunt Rodney Machine Co., Orange, Mass.
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Jefferson Edw. & Bro. (Imp.), 123 S 2d, Phila., Pa.
Leigh & Butler ("Platt Bros. & Co."), 232 Summer, Boston, Mass.
Lombard Machine Co., Worcester, Mass.
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Payne Geo. W. & Co., Pawtucket, R. I.
Phila. Drying Machinery Co., 3351 Stokley, Phila., Pa.
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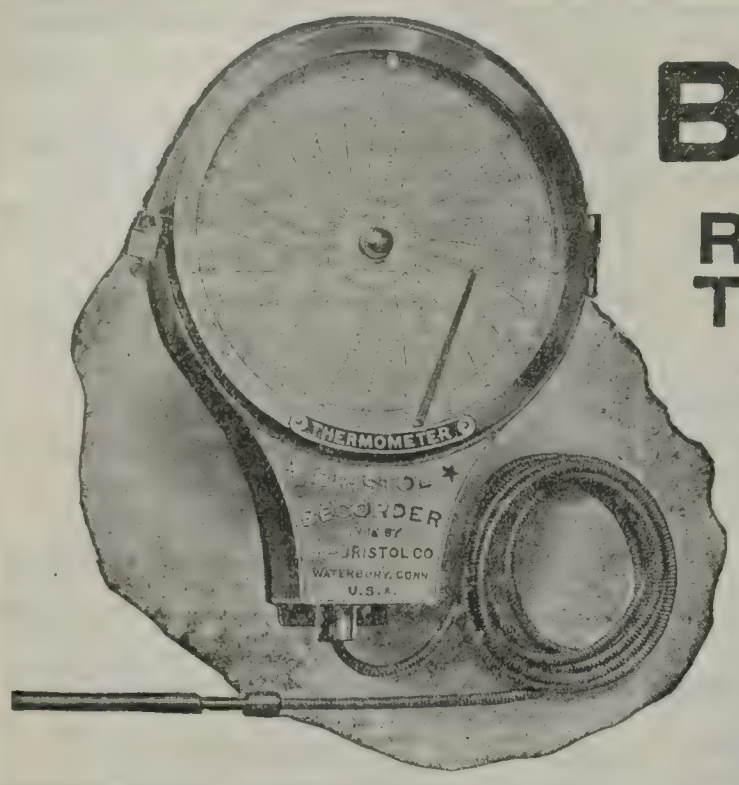

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(End of Textile Machinery)

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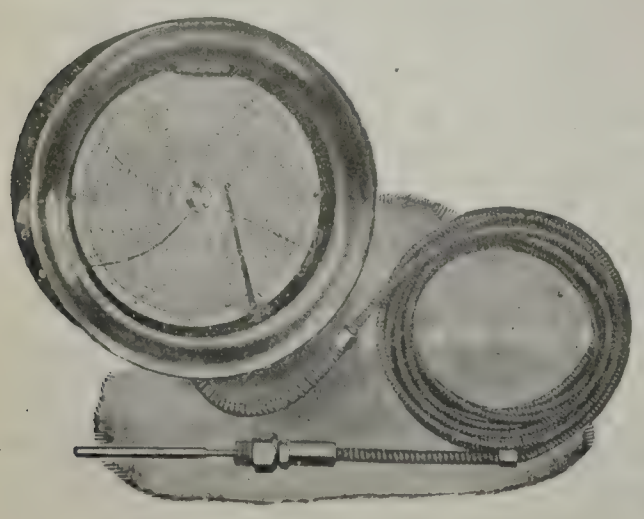

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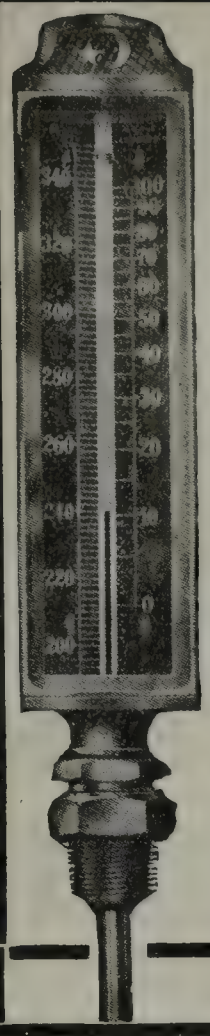

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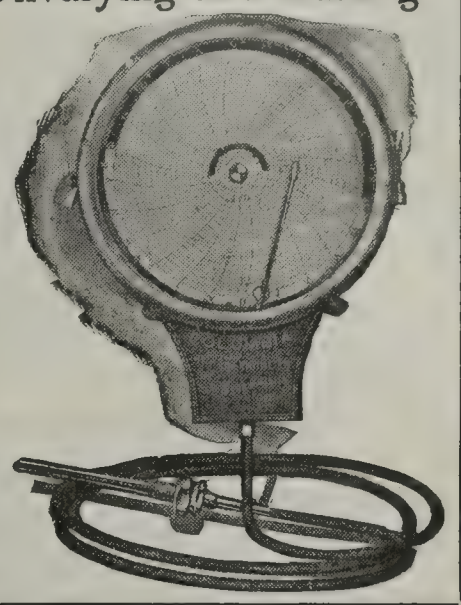

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Wagner Glass Works, 697 E 132d, New York
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Weiskopf Abraham, 16 S Clinton, Chicago, Ill.
Weiss Albert A. & Co. (For All Purposes), 572 Gates av, Brooklyn, N. Y.
Wilder-Pike Thermometer Co., Troy, N. Y.
Zaubitz August (For Stills, Boilers, Vacuum, Pans, Heating, etc), 95 Cliff, New York

15499—Thermometers (Advertising)

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American Mfg. Concern, Falconer, N. Y.
Chaney L. F. Co., Springfield, O.
Freas Francis L., Conshohocken, Pa.
Marshall Mfg. Co., Coshocton, O.
National Sheet Metal Co. (Stamped Nickelene, etc), Peru, Ill.
TAYLOR INSTRUMENT COMPANIES (Taylor Bros. Co. Division), Rochester, N. Y. *See adv index at end of book*
Weinhagen, Henry, 159 Leonard, New York

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FOXBORO COMPANY, THE, Succeeding Industrial Instrument Co. ("Foxboro") Foxboro, Mass.
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Taylor Instrument Companies, Rochester, N. Y. *See adv index at end of book*
Wilder-Pike Thermometer Co. ("Chas. Wilder Co."), Troy, N. Y.

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American Thermo-Ware Co., 16 Warren, New York

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Taylor Instrument Companies ("Tycos") Rochester, N. Y.
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Green Henry J., 1191 Bedford av, Brooklyn, N. Y.

15504—Thermometers (Clinical)

American Thermo-Ware Co., 16 Warren, New York
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Taylor Instrument Companies, Rochester, N. Y. *See adv index at end of book*
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SCHAEFFER & BUDENBERG MFG. CO. ("Reform"), Berry & S 5th, B'klyn, N. Y. *See adv index at end of book*

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Tagliabue, C. J. Mfg. Co., 18 33d, Brooklyn, N. Y.
Taylor Instrument Companies, Rochester, N. Y. *See adv index at end of book*

15507—Thermometers (Feed Water)

BRISTOL CO. ("Bristol's" Recording), Waterbury, Conn.
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FOXBORO COMPANY, THE, Succeeding Industrial Instrument Co. ("Foxboro") Foxboro, Mass.
See adv index at end of book
NATIONAL GAUGE & EQUIPMENT CO. ("Radi-Meter"), La Crosse, Wis.
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Precision Thermometer & Instrument Co., 1434 Brandywine, Phila., Pa.
SCHAEFFER & BUDENBERG MFG. CO. ("Columbia" Recording), Berry & S 5th, Brooklyn, N. Y.
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Taylor Instrument Companies, Rochester, N. Y. *See adv index at end of book*

15507a—*Thermometers (Fever)

TAYLOR INSTRUMENT COMPANIES, Rochester, N. Y.
See adv index at end of book

15507b—*Thermometers (For Oil Circulation or Aeroplanes)

FOXBORO COMPANY, THE, succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.
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PRECISION THERMOMETER & INSTRUMENT CO., 1434 Brandywine, Phila., Pa.
Queen-Gray Co. (Hot Water), 618 Chestnut, Phila., Pa.
SCHAEFFER & BUDENBERG MFG. CO. ("Crescent"), Berry & S 5th, B'klyn, N. Y. *See adv index at end of book*
Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.
Taylor Instrument Companies, Rochester, N. Y. *See adv index at end of book*
U. S. Gauge Co. (Hot Water), 67 Wall, New York

15509—Thermometers (Hot Bed)

Precision Thermometer & Instrument Co., 1434 Brandywine, Phila., Pa.
Taylor Instrument Companies, Rochester, N. Y. *See adv index at end of book*
Wilder-Pike Thermometer Co. ("Chas. Wilder Co."), Troy, N. Y.

Thermometers (Hot Water)

See Thermometers, Steam & Hot Water

15510—*Thermometers (Hot Well)

BRISTOL CO. ("Bristol's" Recording), Waterbury, Conn.
See adv index at end of book
FOXBORO COMPANY, THE, Succeeding Industrial Instrument Co. ("Foxboro") Foxboro, Mass.
See adv index at end of book
SCHAEFFER & BUDENBERG MFG. CO. ("Columbia" Recording & "Crescent" Indicating), Berry & S 5th, Brooklyn, N. Y. *See adv index at end of book*

15511—Thermometers (Incubator)

American Thermo-Ware Co., 16 Warren, New York
Freas Francis L., Conshohocken, Pa.
Green Henry J., 1191 Bedford av, Brooklyn, N. Y.
Phila. Thermometer Co., 9th & Arch, Philadelphia, Pa.
Precision Thermometer & Instrument Co., 1434 Brandywine, Phila., Pa.
TAYLOR INSTRUMENT COMPANIES, ("Tycos"), Rochester, N. Y.
See adv index at end of book
Wilder-Pike Thermometer Co. ("Chas. Wilder Co."), Troy, N. Y.

Thermometers (Optical)

See Pyrometers

15512—Thermometers (Oven)

Cooper Oven Thermometer Co. ("Cooper," "Whittier"), Pequabuck, Conn.
ELECTRICAL APPLIANCE MFG. CO. ("Best Ever"), Waterbury, Conn.
FOXBORO COMPANY, THE, Succeeding Industrial Instrument Co. ("Foxboro") Foxboro, Mass.
See adv index at end of book
PRECISION THERMOMETER & INSTRUMENT CO., 1434 Brandywine, Phila., Pa.
SCHAEFFER & BUDENBERG MFG. CO. ("Crescent"), Berry & S 5th, Brooklyn, N. Y. *See adv index at end of book*
Taylor Instrument Companies, Rochester, N. Y. *See adv index at end of book*
Wilder-Pike Thermometer Co., Albany, N. Y.
Zaubitz August ("Zaubitz"), 95 Cliff, N. Y.

15513—Thermometers (Recording)

BRISTOL CO. ("Bristol's" Class 1, 2 & 3), Waterbury, Conn
See adv index at end of book
Draper Mfg. Co., 152 Front, New York
FOXBORO CO. (THE) Succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.
See adv index at end of book
Green Henry J., 1191 Bedford av, Brooklyn, N. Y.
SCHAEFFER & BUDENBERG MFG. CO. ("Columbia" for All Purposes & Temperatures up to 1,000 Deg. F., and Electric up to 2,900 Deg. F.), Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book
Tagliabue C. J. Mfg. Co. ("Tag"), 18 33d, Brooklyn, N. Y.
TAYLOR INSTRUMENT COMPANIES ("Tycos"), Rochester, N. Y.
See adv index at end of book
Thwing Instrument Co., 33d & Lancaster av, Phila., Pa.

15514—Thermometers (Resistance)

Engelhard Chas. ("Englehard"), 30 Church, New York
Leeds & Northup Co., Stenton av, Germantown, Phila., Pa.
Queen-Gray Co., 618 Chestnut, Phila., Pa.
Taylor Instrument Companies ("Tycos" Taylor Cambridge Division), Rochester, N. Y. *See adv index at end of book*
Thwing Instrument Co., 33d & Lancaster av, Phila., Pa.

15515—Thermometers (Shower Bath)

National Gauge Co., 300 Pacific, Brooklyn, N. Y.
National Gauge & Equipment Co. ("Radimeter"), La Crosse, Wis.
See adv index at end of book.
Phila. Thermometer Co., 9th & Arch, Phila., Pa.
Precision Thermometer & Instrument Co., 1434 Brandywine, Phila., Pa.
SCHAEFFER & BUDENBERG MFG. CO. ("Crescent"), Berry & S 5th, Brooklyn, N. Y. *See adv index at end of book*
Taylor Instrument Companies ("Tycos"), Rochester, N. Y.
See adv index at end of book

15516—Thermometers (Steam & Hot Water)

See also Thermometers, Heating

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
BRISTOL CO ("Bristol's" Recording), Waterbury, Conn.
See adv index at end of book
FOXBORO CO. (THE), succeeding Industrial Intrument Co. ("Foxboro"), Foxboro, Mass. *See adv index at end of book*
Green Henry J., 1191 Bedford av, Brooklyn, N. Y.
National Gauge Co., 300 Pacific, Brooklyn, N. Y.
National Gauge & Equipment Co. ("Radimeter"), La Crosse, Wis.
See adv index at end of book.
Precision Thermometer & Instrument Co., 1434 Brandywine, Phila., Pa.
SCHAEFFER & BUDENBERG MFG. CO. ("Columbia" Recording), Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book
Standard Thermometer Co., 65 Shirley, Boston, Mass.
Taylor Instrument Companies, Rochester, N. Y. *See adv index at end of book*

15517—Thermometers (Steel Tube, Mercury Filled)

SCHAEFFER & BUDENBERG MFG. CO. ("Reform"), Berry & S 5th, Brooklyn, N. Y. *See adv index at end of book*

15518—Thermometers (Sugar)

FOXBORO CO. (THE), succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.
See adv index at end of book
Heil Henry Chemical Co., St. Louis, Mo.
National Gauge & Equipment Co. ("Radimeter"), La Crosse, Wis.
See adv index at end of book.
PRECISION THERMOMETER & INSTRUMENT CO., 1434 Brandywine Phila., Pa.
Wilder-Pike Thermometer Co. ("Chas. Wilder Co."), Troy, N. Y.

15519— Thermometers (Transformer)

Phila. Thermometer Co., 9th & Arch, Phila., Pa.
Precision Thermometer & Instrument Co., 1434 Brandywine, Phila., Pa.
Queen-Gray Co., 618 Chestnut, Phila., Pa.

15520—*Thermometers (Wet & Dry Bulb, Recording)

FOXBORO CO. (THE), succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass. *See adv index at end of bcok*

Thermos Bottles

See Bottles, Vacuum

15521— Thermostats

See also Regulators, Heat

Acton John, 118 John, Brooklyn, N. Y.
American Thermostat Co. ("Marvel"), 101 Mechanic, Newark, N. J.
Andrews Heating Co. ("Andrews" Self-Governing), Minneapolis, Minn.
Baker Ice Machine Co. (For Regulating Cold Storage Room Temperatures), Omaha, Neb.
Beers Bros., Rochester, N. Y.
Bunnell J. H. & Co., 32 Park pl, New York
Consolidated Car Heating Co. (For Cars, Hotels, Offices, etc), Albany, N. Y.
Crandon Mfg. Co. (Tank Type), Portland, Me.
Elec. Automatic Appliance Co., 1449 Arapahoe, Denver, Col.
Equithern Control Corp., 203 Greenwich & 30 Church, New York
Fire Detecting Wire Co., 101 Park av, New York
Freas Francis L., Conshohocken, Pa.
Gold Car Heating & Lighting Co. (For Cars & Buildings), 17 Battery pl, New York
Hoffman Heater Co. (Gas, Water Heaters), Lorain, O.
Jewell Mfg. Co., Auburn, N. Y.
Kieley & Mueller (For Hot Water Tanks, etc), 34 W 13th, New York
McDonough Automatic Regulator Co., 716-718 Grand River av, Detroit, Mich.
Manhattan Electrical Supply Co., 17 Park pl, N. Y. *See adv index at end of book*
Moeller A. E., 263 Sumpter, Brooklyn, New York
National Regulator Co. (For Control of Dampers & Valves in a Heating Apparatus), 208 S Jefferson, Chicago, Ill.
New York Brass Foundry Co., 104 Centre, New York
Precision Thermometer & Instrument Co., 1434 Brandywine, Phila., Pa.
Queen-Gray Co., 618 Chestnut, Phila., Pa.
Railway Utility Co. ("Utility" Electric), 721 Fulton, Chicago, Ill.
Robertshaw Mfg. Co. (Gas, Water Heater Thermostats), Youngwood, Pa.
SARCO ENGINEERING CO., 229 B'way, New York. *See adv index at end of book.*
Standard Regulator Co., 282 South, Newark, N. J.
Standard Thermometer Co, 65 Shirley, Boston, Mass.
Tagliabue Chas. J. Mfg. Co., 18 33d, Brooklyn, N. Y.
Virkant H. C., Tarrytown, N. Y.
Yoder-Thomas Mfg. Co. ("Wentz"), Engineers bldg, Cleveland, O.

15522—Thickeners (Carbon)

Oliver Continuous Filter Co. (For Gas Works), 503 Market, San Francisco, Cal., & 299 Madison av, New York
Wolvertine Temperature Regulator Co. 125 Exchange, Marshall, Mich.

15523—Thickeners (Continuous)

Colorado Iron Works Co. ("Rothwell"), Denver, Colo.
Dorr Co. ("Door"), Denver, Colo.
Oliver Continuous Filter Co. (Automatic Shine), 503 Market, San Francisco, Cal., & 299 Madison av, New York

15524— Thiefs (Measuring)

Kraft A. C. (Liquor), 323 W Lake, Chicago, Ill.
U. S. Bottlers' Machinery Co. ("Taylor"), 1033 W Lake, Chicago, Ill.

15525—Thimbles (Chimney)

Adams Co. (Cast Iron), Dubuque, Ia.
Seiner Chas. F., Indianapolis, Ind.
Sterling Fdry. Co. ("The Best"), Sterling, Ill.
Weber & Kirch Mfg. Co., Keokuk, Ia.

15526— Thimbles (Floor)

American Foundry & Mfg. Co. ("American," "Sanders" Adjustable), 11th & Herbert, St. Louis, Mo.
Grabler Mfg. Co., Cleveland, O.

15527— Thimbles (Last)

Boston Pressed Metal Co., 169 Union, Worcester, Mass.

15527a—Thimbles (Locomotive Boiler)

Warren J. M. & Co., Troy, N. Y.

15528— Thimbles (Sewing)

Ansonia Novelty Co. (Aluminum, Steel & Brass, Gold & Silver), Ansonia, Conn.
Goldsmith Stern & Co., (Gold, Silver), 33 Gold, New York
Illinois Pure Aluminum Co. (Aluminum), Lemont, Ill.
Ketcham & McDougall (Gold & Silver), 15 Maiden la, New York
Scovil Mfg. Co., Waterbury, Conn.
See adv index at end of book
Simons Bros Co. (Gold & Silver), 618 Chestnut, Philadelphia, Pa.
Waite-Thresher Co., Abbott Park pl, Providence, R. I.
Webster Co. North Attleboro, Mass.
Whiting F. M. & Co. (Gold & Silver), N Attleboro, Mass.

15529-30—Thimbles (Stove Pipe)

Bretch A., 20 Stone, Dayton, O.
Cheney S. & Son, Manlius, N. Y.
Deshler Mail Box Co., Deshler, O.
Frantz Mfg. Co., Sterling, Ill.
GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis. *See adv index at end of book*
Hemp & Co., Vandeventer nr Shaw, St. **Louis, Mo.**
Hessler H. E. Co., Syracuse, N. Y.
Lalance & Grosjean Mfg. Co. ("Royal"), 299 B'way, New York
Landers W. H. Co., Syracuse, N. Y.
Lawrence Bostwick Mfg. Co. (Ltd.), Phelps, N. Y.
Majestic Co. (Stove Pipe & Flue Thimbles) **Huntington, Ind.**
Peoria Can Co., Peoria, Ill.
Phillips & Buttorff Mfg. Co., Nashville, Tenn.
Plocher Andrew Sons Co., Dayton, O.
Reeves Mfg. Co., Dover, O.
Rochester Radiator Co., Rochester, N. Y.
Stearns E. C. & Co. ("McGuire," "Star"), **450 Oneida, Syracuse, N. Y.**

15531—Thimbles (Wire Rope)

American Hoist & Derrick Co., St. Paul, Minn.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Broderick & Bascom Rope Co. (Jobbers), Main & Douglas, St. Louis, Mo.
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Durable Wire Rope Co., 93 Pearl, Boston, Mass.
Fischer & Hayes Rope Co., 602 W Lake, Chicago, Ill.
See adv index at end of book
Hallett Iron Works, Harvey, Ill.
Harrison Electric Co., 411 Van Brunt, Brooklyn, N. Y.
Hazard Mfg. Co., Wilkes-Barre, Pa.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Laughlin Thos. Co. (Steel, also for Manila), Portland, Me.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
Macomber & Whyte Rope Co., Racine av, Kenosha, Wis.
Marine Hardware-Equip. Co., So. Portland, Me.
MOON GEO. C. CO. ("Crescent"), Garwood, N. J.
See adv index at end of book
Neptune Hardware Mfg. Co., 54 South, New York
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Wilcox, Crittenden & Co. (Also for Manila Rope), Middletown, Conn.
Williamsport Wire Rope Co., Williamsport, Pa.
WRIGHT WIRE CO., Worcester, Mass.
See adv index at end of book

15532—Third Rail Block System

WESTINGHOUSE ELECTRIC & MFG. CO., Westinghouse bldg, Pittsburgh, Pa. *See adv index at end of book*

15533—*Third Rail System (Electric)

See also Insulators, Third Rail

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

15534— Thorium Nitrate

Block Gas Mantle Co., Youngstown, Ohio
Foote Mineral Co. (Imp.), 107 No. 19th, Philadelphia, Pa.
Lieber H. & Co. (Imp. "Dr. Richard Sthamer's"), 14 Platt, New York
Pfaltz & Bauer ("Swan," Imp.), 300 Pearl, New York

15535-6— Thread (Cotton)

American Thread Co., 260 W B'way, New York
Amherst Mfg. Co. (Mercerized), Amherst, Mass.
Ballou Thread Co. (Shoe), 189 Charles, Providence, R. I.
Barrows Mfg. Co. (Glazed Spool Cotton), Lansdale, Pa.
Bay State Thread Works, Springfield, Mass.
Bemis Bro. Bag Co. (Union Special Machine), 601 S 4th, St. Louis, Mo.
Bibb Mfg. Co. (2, 3 & 4 Cord Spool Cotton), Macon, Ga.
Blodgett & Orswell Co. ("John J. Clark's" Spool Cotton, "B. & O." Threads), Pawtucket, R. I.
Boas Thread Co. (Spool), Stamford, Conn.
Boston Thread Co., Lena & Armat, Philadelphia, Pa.
Bullard W. H. Thread Co. (For the Trade), Holyoke, Mass.
Cairo Thread Works 105 Wooster New York
Central Mills Co. Southbridge, Mass.
Chadwick J. & Bros., ft Lembeck av, Jersey City, N. J.
Clark Mile End Spool Cotton Co. (Spool), East Newark, N. J.
Clark Robt. E. Thread Co., Chester, Pa.
Clark Thread Co. ("O. N. T." Spool), Clark, Newark, N. J.
Coats J. & P. Pawtucket, R. I.
Cranska Thread Co., Worcester, Mass.
Ederer R. J. Thread Co., Elizabeth & Unity, Phila., Pa.
Elizabeth Mills, Hills Grove, R. I.
Florence Thread Co., Florence, N. J.
Gray S. & Co., Walpole, Mass.
Greene & Daniels Co., Pawtucket, R. I.
Hall, Gardiner Jr. & Co. (Spool), S Willington, Conn.
Lawton Spinning Co., Woonsocket, R. I.
Linen Thread Co. (Selling Agents), 96 Franklin, New York
Meyer J. C. & Co. (For Mfg. Trades), Lowell, Mass.
Moore C. & Co., 5th & Market, Philadelphia, Pa.
Niagara Thread Co. (Glazed & Mercerized Sewing & Seaming), **Ontario & Janney, Philadelphia, Pa.**
Pelham Mills (In Balls), Pelham, S. C.
Pollack Max & Co. (Mercerized & Spool), **12 E 22nd, New York**
Roxbury Shoe Thread Co. (Shoe), 35 Wormwood, **Boston, Mass.**
Sewing Thread Co. (Spool), Pawtucket, R. I.
Slater W. A. Mills, Jewett City, Conn.
Spool Cotton Co. (Selling Agents), 315 4th av, New York
Standard Thread Co., 532 W 22d, New York
Summit Thread Co. (Spool), 103 Bedford, Boston, Mass.
Thread Agency (Selling Agents), 260 W B'way, New York
Union Thread Co., 69 & Big 4 R. R.-Carthage, Cincinnati, O.
Wachusett Thread Co., Worcester, Mass.
Warren W. Thread Works, Westfield, Mass.

15537— Thread (Linen)

Barbour Flax Spinning Co., Paterson, N. J.
Barbour J. E. Paterson, N. J.
Boston Thread & Twine Co., Boston, Mass.
Ederer R. J. Thread Co. ("Keystone"), Elizabeth & Unity, Phila., Pa.
Linen Thread Co. (Selling Agents), 96 Franklin, New York
Moore C. & Co., 5th & Market, Philadelphia, Pa.
Smith & Dove Mfg. Co., Andover, Mass.
Spool Cotton Co. (Selling Agents), 315 4th av, New York
Thread Agency (Selling Agents), 260 W B'way, New York
West End Thread Co. (Shoe, Bookbinders' Carpet, etc), Millbury, Mass.

15538— Thread (Rubber)

Easthampton Rubber Thread Co. (Para Rubber), Easthampton, Mass.
Goodrich B. F. Co., Akron, O.
Mechanical Fabric Co., 40 Sprague, Providence, R. I.
Revere Rubber Co., Chelsea, Mass.

15539— Thread (Shoe)

Ballou Thread Co. (Cotton), 189 Charles, Providence, R. I.
Cable Flax Mills, Schaghticoke, N. Y.
Laub's Geo. Sons (Linen), Buffalo, N. Y.
Linen Thread Co. (Selling Agents), 96 Franklin, New York
Meyer J. C. & Co. (Silk Finish), Lowell, Mass.
Roxbury Shoe Thread Co. (Cotton), 35 Wormwood, Boston, Mass.
Smith & Dove Mfg. Co. (Flax), Andover, Mass.
West End Thread Co. (Linen), Millbury, Mass.

15540— Thread (Silk)

Adams D. E. Co., 225 5th av, New York
Belding Bros. & Co., 902 B'way, New York
Berkshire & Becket Silk Co., Becket, Mass.
Boas Thread Co. (Spool), Stamford, Conn.
Brainerd & Armstrong Co., New London, Conn.
Champion Silk Co., Pottstown, Pa.
Crane Bros., Kingston, Pa.
De Witt Boag Co., Hornell, N. Y.
Eureka Silk Mfg. Co., Putnam, Conn.
Globe Silk Works, New Haven, Conn.
Hackenburg W. B. & Co., 1211 Arch, Philadelphia, Pa.
Hammond, Knowlton & Co., Putnam, Conn.
Hanks O. G. & Co., Mansfield Center, Conn.
Heineman O. Co. (Silk Floss, Insulating Silk, etc), 2701 Armitage av, Chicago, Ill.
Heminway & Bartlett Silk Co. (Sewing, Embroidery, etc; also Special Silks for Mfrs), Watertown, Conn.
H. K. H. Silk Co. (Sewing, Embroidery, Knitting, etc, also Special Silk for Mfrs), Watertown, Conn.
Holland Mfg. Co., Willimantic, Conn.
Khalizog Silk Co., Paterson, N. J.
Meyer J. C. & Co., Lowell, Mass.
Nonotuck Silk Co., Florence, Mass.
Ontario Thread Co., 17 Waverly pl, New York
Ramsey J. & Sons, Phillipsburg, N. J.
Rice A. H. Co., Pittsfield, Mass.
Richardson Silk Co., 309 W Adams, Chicago, Ill.
Thairwall Wm. C. & Co., 504 Albany, Boston, Mass.
Warehouse Point Silk Co., Warehouse Point, Conn.
Warren W. Thread Works (Sewing, etc), Westfield, Mass.
Winsted Silk Co., Winsted, Conn.

15541— Threaders (Needle)

Roeti-Hunt Corp. ("Ezi"), Putnam, Conn.

15542—Threaders (Wire Rod)

Goodell-Pratt Co. (Can Be Held in Any Vise), Greenfield, Mass.

15543— Threads (Screw)

Card S. W. Mfg. Co., Mansfield, Mass.
Jencks E. Mfg. Co. (Machine & Wood, Chased Cut or Rolled, Gimlet Pointed) Worcester, Mass.
KNAPP ARTHUR ENGINEERING CORP., 30 Church, New York
See adv index at end of book

15544—Thresher Feeders & Blowers

Maytag Co. (Feeders Only), Newton, Ia.
Reeves Pulley Co., Columbus, Ind.

15545— Threshers

Aultman & Taylor Machinery Co., Mansfield, O.
Avery Co. ("Yellow-Fellow"), Peoria, Ill.
Baker A. D. Co., Swanton, O.
Baldwin Mfg. Co., Sparta, Mich.
Batavia Machine Co. (Grain), Batavia, N. Y.
Belle City Mfg. Co. ("Belle City," "New Racine"), Racine, Wis.
Buffalo Pitts Co., Buffalo, N. Y.
Campbell S. K. Co., Central Bridge, N. Y.
Cardwell Machine Co. (Rice, etc), 1900 E Cary, Richmond, Va.
Clark Machine Co. (Grain), St. Johnsville, N. Y.
Colonial Fireplace Co. (Iron, Brass or Marble), 4631 W 12th, Chicago, Ill.
Conner J. W. & Son ("Favorite," Thresher), Orangeville, Pa.
Doylestown Agricultural Co., Doylestown, Pa.
Ellis Keystone Agricultural Works ("Ellis Champion" Thresher & Cleaner), Pottstown, Pa.
Emerson - Brantingham Co. ("Reeves," "Geiser Peerless"), Rockford, Ill.
Farquhar A. B. Co. (Ltd.) (Also Rice), York, Pa.
Frick Co., Waynesboro, Pa.
Garden City Feeder Co., Pella, Ia.
Gill W. E. (Corn & Oats Separators), Lake Geneva, Wis.
Harder Mfg. Co., Cobleskill, N. Y.
Harrison Machine Works ("New Great Western"), Belleville, Ill.
Heebner & Sons ("Little Giant," "Pennsylvania"), Lansdale, Pa.
Heilman Machine Works, Evansville, Ind.
Huber Mfg. Co. ("Western Special"), Marion, O.
Illinois Thresher Co., Sycamore, Ill.
International Harvester Company of America (Inc.), Harvester bldg, Chicago, Ill.
Keck-Gonnermann Co., Mount Vernon, Ind.
Messinger Mfg. Co. (Thresher, Separator & Cleaner), Tatamy, Pa.
Minneapolis Threshing Machine Co., 226 N 2d, Minneapolis, Minn.
Nichols & Shepard Co., Battle Creek, Mich.
Parlin & Orendorff Co., Canton, Ill.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Prairie Queen Mfg. Co., Newton, Kan.
Quick & Thomas, Auburn, N. Y.
Rumley Leo Tractor Co. ("Advance," "Gear-Scott"), Laporte, Ind.
Russell & Co., Massillon, O.
Star Mfg. Co. (Corn), Carpentersville, Ill.
Swayne, Robinson & Co., Richmond, Ind.
Westinghouse Co. ("Westinghouse" Grain & Straight Straw), Schenectady, N. Y.
Wood Bros. Thresher Co., Des Moines, Ia.

15546—Threshers (Bean & Pea)

Batavia Machine Co. ("Bidwell"), Batavia, N. Y.
Buffalo-Pitts Co. (Threshers & Cleaners), Buffalo, N. Y.
Koger Pea & Bean Thresher Co., Morristown, Tenn.
Nancy Hanks Hay Press & Foundry Co. (Pea), Dalton, Ga.
Owens J. L. Co., Fulton & S E Huron, Minneapolis, Minn.
Stopple W. H., Dallas, Tex.
Woodruff Machinery Mfg. Co., Winder, Ga.

15547— Threshers (Corn)

Port Huron Engine & Thresher Co., Port Huron, Mich.
Whitman Agricultural Co., St. Louis, Mo.

15548— Threshers (Rice)

Aultman & Taylor Machinery Co., Mansfield, O.
Cardwell Machine Co., 1900 E Carey, Richmond, Va.
Emerson-Brantingham Co. ("Reeves," "Geiser"), Rockford, Ill.
Harrison Mach. Wks. ("Belleville"), Belleville, Ill.
Swayne, Robinson & Co. ("Money-Maker") Richmond, Ind.

15549—Threshers (Straw Preserving & Rye)

Eddy W. Plow Co., Greenwich, N. Y.
Harder Mfg. Co. (Rye Thresher, Cleaner & Binder Combined), Cobleskill, N. Y.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Westinghouse Co., Schenectady, N. Y.

15550—Threshers & Cleaners (Peanut)

Cardwell Mach. Co. ("Creasey"), 1900 E Cary, Richmond, Va.
Ellis Keystone Agrl. Works, Pottstown, Pa.

15551— Thresholds

Braco Mfg. Co. (Brass), 451 S Michigan av, Chicago, Ill.
COLUMBUS BRASS CO. (Cast Brass) 538 Dublin av, Columbus, O.
See adv index at end of book
Columbus Wire & Iron Works Co., Columbus, O.
Hester Mfg. Co. (Brass), 1455 S Michigan av, Chicago, Ill.
Kawner Mfg. Co., Niles, Mich.
Lasar Ornamental Iron Co. (Bronze & Iron), 16th & O'Fallon, St. Louis, Mo.
Newman Mfg. Co. (Brass & Bronze), 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill.
See adv index at end of book
St. Louis Brass Mfg. Co. (Cast Brass or Bronze), Jefferson & Washington, St. Louis, Mo.
Star Brass Works Co. (Brass & Bronze), Kansas City. Mo.
Stover Mfg. Co., Freeport, Ill.
TYLER W. S. CO., Cleveland, O.
See adv index at end of book

15552— *Throttles for Generator Valve

LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

15553— Ticket Choppers & Destroyers

See also Boxes, Ticket Cancelling

Globe Ticket Co., 112 N 12th, Phila., Pa.
Newman Mfg. Co. (Brass & Wood), 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill.
See adv index at end of book
Patten Paul B. Co. (Destroyers), Salem, Mass.

15554— Tickets (Pin)

Dancyger Safety Pin Ticket Co., Cleveland, O.
Eastern Pin Ticket & Tag Co., Perkasie, Pa.
Eisler Anthony & Co. (Also Folding), 227 Canal, New York
Kimball A. Co., 307 W B'way, New York
Noesting Pin Ticket Co., Mt. Vernon, N. Y.
Salisbury Mfg. Co. (Self-Fastening, Folding, etc), 14 Leather av, Providence, R. I.

15555—Tickets & Transfers (Street Railway)

Globe Ticket Co., 112 N 12th, Phila., Pa.
Hamilton Bank Note Engraving & Printing Co., 142 Adams, Brooklyn, N Y
Keller Printing Co., 295 Lafayette, New York
Macdonald Ticket & Ticket Box Co., 215 Penn bldg, Cleveland, O.
National Ticket Co., 205 St. Clair av, N E, Cleveland, O.
Ohmer Fare Register Co., Dayton, O.
Reyburn Mfg. Co. (Tickets Only), 23rd & Allegheny av, Phila., Pa.
Scott J. B. Co. (Roll Tickets), Kansas City, Mo.
Security Bank Note Co., 223 Chestnut, Philadelphia, Pa.
Stromberg, Allen & Co., 430 S Clark, Chicago, Ill.

15556— Tickings

Abingdon Mills, Huntsville, Ala.
Amoskeag Mfg. Co., Manchester, N. H.
Columbian Mfg. Co., Greenville, N. H.
Conestoga Steam Cotton Mills, Lancaster, Pa.
Cordis Mills, Millbury, Mass.
Crown Cotton Mills, Dalton, Ga.
Delgado Mills, Wilmington, N. C.
Eagle & Phenix Mills, Columbus, Ga.
Enterprise Cotton Mills, Enterprise, Ala.
Erwin Cotton Mills Co., West Durham, N. C.
Falls Co., Norwich, Conn.
Gary J. S. & Son, Equitable bldg, Baltimore, Md.
Globe Cotton Mills, Augusta, Ga.
Griffin Mfg. Co., Griffin, Ga.
Hamilton Mfg. Co., 201 Devonshire, Boston, Mass.
High Shoals Mfg. Co., High Shoals, Ga.
Holt-Williamson Mfg. Co., Fayetteville, N. C.
Kincaid Mfg. Co., Griffin, Ga.
Kneedler & Co., Eadon & Kennedy, Fkd., Phila., Pa.
Laurel Cotton Mills, Laurel, Miss.
Lexington Mfg. Co., Columbia, S. C.
Locke Cotton Mills Co., Concord, N. C.
Lynchburg Cotton Mills, Lynchburg, Va.
Manchester Cotton Mills, Rock Hill, S. C.
Massachusetts Cotton Mills, Exchange bldg, Boston, Mass.
Middleburg Mills, Columbia, S. C.
Montgomery Cotton Mills, Montgomery, Ala.
Muscogee Mfg. Co., Columbus, Ga.
Oakland Mills, Taunton, Mass.
Otis Co., Boston, Mass.
Palmer I. E. Co., Middletown, Conn.
Pelham Mfg. Co., Pelham, Ga.
Putnam Mills & Power Co., Eatonton, Ga.
Shetucket Co., Greenville, Conn.
Stark Mills, Manchester, N. H.
Stonewall Cotton Mills, Stonewall, Miss.
Sylvan Cotton Mills, Shelbyville, Tenn.
Tallassee Falls Mfg. Co., Tallassee, Ala.
Thorndike Co., Boston, Mass.
Tombigbee Cotton Mills, Columbus, Miss.
Whitaker Wm. & Sons, Cedar Grove, Philadelphia, Pa.
White Bros., Winchendon Springs, Mass.
Wiggins H. B. Sons Co., Bloomfield, N. J.
Willingham Cotton Mills, Macon, Ga.

15557—Tie-Bars (Stub-Switch)

Cincinnati Frog & Switch Co., Cincinnati, Ohio *See adv index at end of book*
Morden Frog & Crossing Works, 208 S La Salle, Chicago, Ill.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.

15558— Ties (Bale)

Acme Steel Goods Co., 2834 Archer av, Chicago, Ill.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Belmer H. Co., 628 W 3d, Cincinnati, O.
Blakeslee G. S. & Co. (Jobbers), 2856 Quinn, Chicago, Ill.
Cambria Steel Co. (Wire), Widener bldg, Philadelphia, Pa.
Colorado Fuel & Iron Co., Denver, Colo.
Crawfordsville Wire & Nail Co., Crawfordsville, Ind.
DE HAVEN MFG. CO., 50 Columbia Heights, Brooklyn, N. Y.
Des Moines Bale Tie Co. (Hay, Straw & Excelsior), Des Moines, Ia.
Downey W. C. & Co. (Steel Wire), Springfield, O.
Eastern Steel Products Co. (Wirebale), 1-3 Lawrence, New Haven, Conn.
Ertel Geo. Co., Quincy, Ill.
Gulf States Steel Co., Birmingham, Ala.
Kilmer M. D. & Co., 6001 Quinby, Cleveland, O.
Kokomo Bale Tie Co. (Wire, for Hay, Straw & Excelsior), Kokomo, Ind.
Kokomo Steel & Wire Co. (Jobbers, Hay, Straw or Excelsior), Kokomo, Ind.
Nichols Wire Co., 21st & Baltimore, Kansas City, Mo.
Shelby Wire Co., Shelby, O.
Signode System, Inc., 108 W Lake, Chicago, Ill.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book
Tudor & Jones, Weedsport, N. Y.
TWISTED WIRE & STEEL CO. (Flat Band), 437 11th av, New York
Union Cotton Bagging Corp. (Patent) (Bagging & Bale Ties), Norfolk, Va.
Union Steel & Wire Co., Indianapolis, Ind.
Wilson H. P. & H. F. (Steel Wire), 542 W 22d, New York

15558a—*Ties (Brass, Cast & Mall Iron)

Larkin J. K. & Co. (Union Pipe), 34 Reade, New York
See adv index at end of book

15559—Ties (Cattle & Horse)

Alexander Halter Factory ("Billet"), Alexandria, O.
Cooper Otway (Rope), Urbana, O.
Covert Mfg. Co., Troy, N. Y.
Covert Saddlery Works, Interlaken, N. Y.
Fricke J. E. Co. ("Emory Brand"), 247 Market, Philadelphia, Pa.
Gem Hammock & Fly Net Co., 326 Florida, Milwaukee, Wis.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Rugg E. T. & Co., Newark, O.
Sargent & Co. (Rope), New Haven, Conn.
Workman H. B. Co. (Rope), Lititz, Pa.

15560—Ties (Concrete Steel, Railroad)

Whitehead Co., Farmington, Ill.

15561-2— Ties (Cotton)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Atlantic Steel Co. (Steel), Atlanta, Ga.
Beckley Perforating Co., Garwood, N. J.
Carnegie Steel Co. (Steel), Carnegie bldg, Pittsburgh, Pa.
Colorado Fuel & Iron Co., Denver, Colo.
Conners-Weyman Steel Co., Birmingham, Ala.
du Pont de Nemours & Co., E. I., (By-Products Division), Wilmington, Del.
Heierman Frank & Bro., Austin, Tex.
Pittsburgh Steel Co., 5th av & Grant, Pittsburgh, Pa.
Riverside Mills, Augusta, Ga.
Sharon Steel Hoop Co., Sharon, Pa.

Ties (Creosoted)

See Creosoting Works

15563— Ties (Horse Tail)

Fernald Mfg. Co., North East, Pa.
Knapp Geo. S. ("Unique"), Bridgeport, Conn.
Wallace & Smith Co., 86 W Water, Milwaukee, Wis.

15564— Ties (Mine)

Cambria Steel Co., Widener bldg., Philadelphia, Pa.
Cincinnati Frog & Switch Co., Cincinnati, O. *See adv index at end of book*
Fairmont Mining Machinery Co. ("Ross" Steel), Fairmont, W. Va.

15565—Ties, Poles & Posts

See also Poles, Iron & Steel Trolley; also Lumber Manufacturers

ALABAMA.

CARNEY—Carney (Mrs.) J. A. (Ties)
FLORENCE—Richardson Lumber Co. (Cedar Poles)
RUSSELLVILLE—Richardson Lumber Co. (Cedar Poles)

ARKANSAS.

CROSSETT—Crossett Lumber Co.
DERMOTT—Remley Esley P (Ties, etc)
LITTLE ROCK—Byrd P. A. (Piling, Ties)
PARAGOULD—Bertig Bros. (Ties)
SCHAAL—Odell & Ennis (Ties)
TEXARKANA—National Lumber & Creosoting Co.
WILTON—Cooper E. C. (Ties)

CALIFORNIA.

CASPAR—Caspar Lumber Co. (Redwood Ties)
SAN FRANCISCO—Albion Lumber Co. (Redwood Ties), 582 Market
Byxbee & Clark, Balboa bldg
Caspar Lumber Co. (Ties), Hobart bldg
Grays Harbor Commercial Co.
Hanify J. R. Co. (Ties), 24 Market
Hooper C. A. & Co. (Ties), Balboa bldg
McFaul-Perkins Co. (Ties), Chronicle bldg
Nelson Chas. Co., 230 California
Pacific Lumber Co. (Ties, etc).
Pope & Talbot (Piles, Spars, etc), ft of 3d
Port Blakeley Mill Co.
Puget Mill Co. (Piles & Telegraph Poles)
Richardson Co., 320 Market
Tacoma Mill Co. (Piles & Telephone Poles), 310 Sansome
Union Lumber Co. (Poles & Ties), Crocker bldg
White L. E. Lumber Co. (Ties, etc), Balboa bldg
Wood E. K. Lumber Co., 112 Market

COLORADO.

DENVER—Continental Tie & Lumber Co.
Western Lumber & Pole Co. (Red Cedar Poles & Posts)

CONNECTICUT.

NEW LONDON—Raymond & Alexander Lumber Co. (Ties & Posts)

DELAWARE.

MILTON—Conwell & Co. (Pine & Oak Piling, Mine Timbers, R.R. Ties, etc)
WILMINGTON—Bush J. D. & Co. (Ties & Piling), Dupont bldg

FLORIDA.

BENHADEN—Ashmore R. W. & Sons (Cross Ties)
CALLAHAN—Jones R. H. (Cross Ties)
FERNANDINA—Baxter Geo. S. & Co. (R. R. Ties)
JACKSONVILLE—Cook Wm. P. & Co.
Florida Tie & Lumber Co. (Ties)
Hunter Co. (Ties)
KOLOKEE—Holzendorf Geo. W. (Rough Pine Lumber)
TRILBY—Croft T. E. (Cross Ties)

GEORGIA.

ATLANTA—Southern Wood Preserving Co.
BICKLEY—Smith Walter (Cross Ties)
BROADHURST—Rogers W. C. (Cross Ties)
BRUNSWICK—Aiken's Frank D. Sons (Mfrs. Agt, Ties)
American Tie & Timber Co.
Bladen Tie & Lumber Co. (Cross Ties)
Cooney, Eckstein & Co. (Cross Ties)
Emanuel N. & Co. (Ties)
BURNT FORT—Buil J. C. (Cross Ties)
CORDELE—Scandrett G. L. (Cross Ties)
CUTTING—Georgia Lumber & Turpentine Co.
DARIEN—Hilton-Dodge Lumber Co.
FACEVILLE—Rogers J. T. (Cross Ties)
FORT McPHERSON—Southern Wood Preserving Co. (Creosoted Railway Timbers, Poles & Cross Ties)
HAGAN—Bradley D. M. (Ties)
LULATON—Knox E. II. (Cross Ties)
MONIAC—Knabb L.
SAVANNAH—Brook-Bolshaw Co. (Cross Ties)
Emanuel N. & Co. (Cross Ties)
Heard Lumber Co.
Hirsch Lumber Co. (R.R. Ties, etc)
Southern Pine Co. (of Ga.) (Cross Ties, Bridges & Bldg Timbers, etc)
THOMASVILLE—Jemison J. B. & Co. (Bridge Timbers, etc)
Watt James & Bro. (Ties)

IDAHO.

COEUR D'ALENE—Atlas Tie Co. (Cross Ties)
SAND POINT—Humbird Lumber Co. (Ltd.) (Red Cedar Poles)
Sand Point Lumber & Pole Co. (Ltd.) (Red Cedar Posts, Poles, Piling, etc)

ILLINOIS.

CHICAGO—Ayer & Lord Tie Co. (R. R. Ties), 80 E Jackson blvd
Beidler Francis (Idaho Cedar & Michigan White Cedar Poles 40 ft & up) 20 W Jackson.
Continental Piling & Lumber Co. (Piling), 112 W Adams
Crane W. B. & Co. (Cedar Posts & Trees), 913 W 22d
Deeves G. H. Lumber Co. (Ties), Ry. Exchange
Gillis & Co. (Timber, Ties, etc), Heyworth bldg
Goodman K. S. Co. (Cedar Poles & Posts), 80 E Jackson blvd
Kellogg Switchboard & Supply Co. (White Cedar Poles, etc), 1066 W Adams
Lake Superior Piling Co. (Piling), 961 22d
Leach L. D. & Co., 343 S Dearborn
Lindsley Bros. Co., 72 Adams, Chicago, Ill.
Lowe Perley & Co. (Cedar Poles), 332 S Michigan av
Marsh & Bingham Co. (Ties), 80 E Jackson blvd
Marsh & Truman Lumber Co., (Oak, Fir, Yellow Pine Ties), 332 S Michigan av
Naugle Pole & Tie Co. (Ties, Poles & Posts), 2307 S Morgan
Raber P. W. (Cedar Ties, Poles & Posts), 30 N La Salle
Ripley B. W., 30 N La Salle
Schultz W. W. & A. J., Old Colony bldg
Smith A. B. Lumber Co., Old Colony bldg
Stone Frank B. (Ties, Poles & Posts), 80 E Jackson blvd
Worcester C. H. Co., 19 S Lasalle
McLEANSBORO—Wilson J. H. & Son (Ties)
WAUKEGAN—Chicago Creosoting Co. (Ties, Timber, etc)

INDIANA.

EVANSVILLE—Indiana Tie Co. (R R Ties)
MEDORA—Turney (Cross Ties)
RICHMOND—Johnson B. & Son (R. R. Ties, Piles, etc.)
TROY—Eberhard & Splater ("Ties")

IOWA.

DAVENPORT—Kennett Cypress & Hardwood Lbr. Co. (Cypress Poles & Piling)
DES MOINES—Church W. C., Lumber Co. (White Cedar, Ties, Poles & Posts)
Deal L. K. Lumber Co. (White Cedar Telephone Poles)
GRINNELL—Carney B. J. & Co.

KENTUCKY.

BUCKHORN—Eversole A. B. (Ties & Logs)
Huff & Findley Ties & Logs)
BURNSIDE—Greeno C. C.
CANEYVILLE—Bond W. T. (Cross Ties)
CLOVERPORT—Weatherholt Marion (Ties)
DANVILLE—Taylor & Moss
ELIZABETHTOWN—Bond Bros. (R. R. Cross Ties)
FROZEN CREEK—Day J. T. (Ties)
GREENUP—Wilson & Biggs (Telephone Poles & Cross Ties)
HAZEL GREEN—Day J. T.
HEIDELBERG—Hall Louis (Cross Ties)
JOB—Tripp W. E. & Co, (R. R. Ties)
KEAVEY—Storm S. L. (Ties)
LOUISA—Northrup Jay H. (Ties)
LOUISVILLE—Hughes W. J. & Sons Co.
Ohio Valley Tie Co. (R. R. Ties)
MOREHEAD—Bradley S. M. (R. R. Ties)
PADUCAH—Paducah Pole & Timber Co. (Chestnut Telephone & Telegraph Poles)
Smith A. B. Lumber Co. (Southern Red Cedar Posts)
PAINTSVILLE—Cooper C. M. (R. R. Ties)
Maggard L. D. & Co. (Cross Ties)
PANOLA—Madison-Jackson-Estill Lumber & Development Co. (Cross Ties, Fence Posts, Telephone Poles)

LOUISIANA.

ALEXANDRIA—Alexandria Lumber Co. (Ltd.)
DONNER—Dibert, Stark & Brown Cypress Co. (Ltd.)
LONGSTREET—Perry W. D. (Cross Ties)
MORGAN CITY—Waddell-Jones Co. (Ltd.) (Cross Ties)
NEW ORLEANS—American Creosote Works (Creosoted Ties & Poles) Southport
General Cooperage & Timber Co. (Ties), Whitney Central bldg.
St. James Timber Co. Ltd. 1110 Hibernia (Cross Ties)
Sledell Brick & Lumber Co. Ltd. (Henso & Foundation Piling)
PATTERSON—Williams F. B. Cypress Co. (Ltd.), (Cpress Poles & Cross Arms)
PLAIN DEALING—Caldwell S. J. (R. R. Ties)
SLIDELL—Slidell Brick & Lumber Co. (Ltd.) (Henso & Foundation Piling)
Southern Creosoting Co. (Ltd.) (Creosoted Ties, Telegraph Poles, Piles, Timbers, etc)

MAINE.

AUGUSTA—Boyd & Harvey Co. (Cedar Ties)
PORTLAND—Allen Wm. A. Co., (Posts)
Brown Co. (Kyanized Spruce)
STACYVILLE—Tracy M. M. (Ties)

MARYLAND.

BALTIMORE—Culpepper & Co. (Pine & White Oak Piles, Ties, Poles, etc), 22 E Lexington
Grube Herman L. (Ties, Poles, Posts, Piling, Mine Props. Heavy Timber, etc), American bldg
HOSKINS J. S. LUMBER MFG. CO. (Ties, Poles, Posts & Pine & Oak Piling)
BRANDYWINE—Robinson A. T. (Ties)
HAGERSTOWN—Finkhouser R. J. & Co.

MICHIGAN.

BAY CITY—Michigan Pipe Co. (Ties, Poles & Posts, Creosoted, also plain)
BOYNE CITY—White W. H. Co. (Cedar Ties & Posts)
CHEBOYGAN — Rittenhouse John C. (Cedar)
DAGGETT—Perrizo & Sons (Poles & Posts)
DETROIT—Brownlee Co. (Telegraph Poles), River Rouge
Detroit Cedar & Lumber Co., Ford bldg
Detroit Lumber Co., Jefferson & Junction avs
Grace Harbor Lumber Co. (Ties, Poles & Posts), ft Western blvd
ESCANABA—Erickson & Bissell (Cedar Ties, Poles, Posts — Tiling)
National Pole Co. (Red & White Cedar Poles)
GRAND RAPIDS—Dregge, Groover Lumber Co.
Northland Lumber Co.
Union City Lumber Co.
Warner-Newton Lumber Co. (Cedar Ties, Poles & Posts)

HARDWOOD—Anderson P. J.
HERMANSVILLE — Wisconsin Land & Lumber Co. (Cedar Ties, Poles & Posts)
INGALLS—Carley Ira
LUDINGTON—*Stearns Salt & Lumber Co. (Poles, etc)
MANISTIQUE—White Marble Lime Co. (Hemlock, Cedar & Tamarack Ties & Cedar Poles & Posts)
MENOMINEE — Crawford Cedar Co. (Cedar Telephone Poles)
Girard Lumber Co. (Ties, Poles & Posts)
Huebel C. J. Co. (Idaho Cedar & Michigan White Cedar Poles, 40 ft & up)
MONROE—Sterling W. C. & Son (Ties, Electric Light Poles, etc)
ONAWAY—Chandler Geo. M. (Michigan White Cedar)
Lobdell Emery Mfg. Co. (Ties, Poles Posts)
OSCODA—Loud H. M. Sons Co. (Poles & Posts)
PORT HURON—Haynes Lumber Co. (Posts)
RAPID RIVER—Madden Jerry Shingle Co.

MINNESOTA.

CLOQUET—Cloquet Tie & Post Co.
DULUTH—Bradley Timber & Ry. Supply Co. (Telephone Poles)
Duluth Log Co. (White Cedar Poles, Ties & Posts)
Martin Bros. (Cedar Ties, Poles & Posts)
National Pole Co. (Ties, Poles & Posts)
LITTLE FALLS—Pine Tree Mfg. Co. (White Pine & White Cedar Posts)
MINNEAPOLIS—Bell Lumber Co. (White Cedar Telephone Poles) Security bldg.
Coolidge & Schussler (Ties, Telegraph & Telephone Poles), Metropolitan Life bldg
Everts G. W. Lumber Co., Plym bldg
Itasca Lumber Co. (Cedar Ties, Poles & Posts) 827 Lumber Exchange
Kaye & Carter Lumber Co. (Cedar Piles, Ties & Posts), 1115 Lumber Exchange
Kettle River Co. (Ties, Bridge Timbers, etc) Plymouth bldg
Krueger A. L. Lumber Co. (Cedar Poles), 511 Lumber Exchange
Lewis F. H. (Idaho Cedar Poles) 631 Lumber Exchange
Lindsley Bros. Co., 31st & Univ. av, N. E.
McCulloch & Moss Lumber Co. (White Cedar Poles, Ties & Piling) 310 Lumber Exch
Morrison J. W. Lumber Co. (White Cedar Poles) 927 Lumber Exchange
Page & Hill Co. (Cedar Poles & Posts) Plymouth bldg
Partridge T. M. Lumber Co. (Ties, Poles & Posts) 730 Lumber Exchange
Standard Cedar & Lumber Co. (White Cedar Poles & Posts) 511 Lumber Exchange
Three States Cedar Co. (Cedar Poles) Plymouth bldg
Valentine-Clark Co. (Cedar Poles, Telegraph Poles, Railroad Ties, etc) Security bldg

MISSISSIPPI.

GULFPORT—Gulfport Creosoting Co. (Ties, Poles, Piling, etc)

MISSOURI.

CABOOL—Grant-Davis Lumber Co. (Oak Piling, Fence Posts, Ties, etc)
DES ARC—Graves & Stamp (Red & White Oak Cross Ties)
KANSAS CITY—Mercantile Tie & Timber Co. (Piling)
Sedgwick Tie Co. (Ties, Poles, etc), 10th & Broadway
MONTGOMERY CITY—Ferguson James (R R Ties)
MOREHOUSE—Himmelberger - Harrison Lumber Co. (Ties Only)
POPLAR BLUFF—Leach Lbr. & Tie Co. (Ties, etc)
ST. LOUIS—Abeles & Taussig (White Oak Ties & Cypress Poles), Commercial bldg
Bagnell Timber Co. (Ties), Title Guarantee bldg
Berthold & Jennings Lumber Co. (Piling Telegraph Poles, Ties, etc), Wright bldg
Chicago Lumber & Coal Co. (Poles & Posts) East
Griffen Geo. M. Lumber Co. (Oak & Cypress Piling, Telephone Poles, etc), Oriel bldg
Hearne Timber Co. (White & Red Oak Ties, Cypress Poles & Piling), Times bldg
Moss T. J. Tie Co. (Oak, Cypress & Chestnut Ties & Cypress Trolley Poles), Security bldg
Walsh Tie & Lumber Co. (Ties, etc.), 706 Chestnut
Western Tie & Timber Co. (Ties), Syndicate Trust bldg
SPRINGFIELD—Hobart-Lee Tie Co. (R R Ties & Lumber)

NEBRASKA.

OMAHA—Dodds Lumber Co. (Tenn. Red Cedar & Cypress Poles)
Nebraska Bridge Supply & Lumber Co. (Cedar)

NEW HAMPSHIRE.

MILFORD—Peirce W. E. & Co. (Ties, Poles & Posts)

NEW JERSEY.

CAMDEN—Baird David Co. (Poles & Posts, Trolley, etc)
ERMA—Hand Robt. E. (Ties, Posts & Piling)

NEW YORK.

ALBANY—Hunter Dexter (Ties)
BUFFALO—Curtiss W. L. (Ties), Birge bldg
Elias G. & Bro., 965 Elk
Jackson & Tindle (Cedar Ties, Poles & Posts)
NEW YORK—American Bridge Co., 30 Church
American Creosoting Co. (Creosoted Ties & Timbers), 17 Battery pl
American Tie & Timber Co., 11 B'way
Chesebro, Whitman Co. (Flag & Clothes Poles), 1167 1st av
Cooney, Eckstein & Co. (R R Ties), 66 Broad
Corbett & Co., 429 E 109th
Eppinger & Russell Co., 165 B'way
Miner Stanley H. (Timbers, Poles, Dock Logs, etc), 17 Battery pl
Southern Exchange Co. (Southern White Cedar Poles), 97 Warren
Vanderbilt Edw. W. (Ties), 126 Liberty
Western Electric Co., 463 West
Wyckoff Pipe & Creosoting Co. (Creosoted Ties & Poles), 30 E 42nd
OSWEGO—Farwell J. B. & Co. (Cedar Poles)
WAVERLY—Baldwin H. J. & Son (Ties)

OHIO.

CINCINNATI—Compressed Wood Preserving Co. (Creosoted Ties, Timbers, etc) Spring Grove & Station avs, Winton pl.
Doran & Co., Bell blk
Electric Railway Equipment Co.
Farrin M. B. Lumber Co. (R R Ties, Poles, Fence Posts & Dock Piling), Station av & Winton pl
Mowbray & Robinson Co. (Ties, etc), 8th & Horn
Shawnee Lumber Co. (Ties, etc), 1775 Weber Cumminsville
CLEVELAND — Advance Lumber Co., Rockefeller bldg
Fishel & Marks Co., 3013 E 55th
COLUMBUS—Dodson E. Saw Mill & Lumber Co. (Ties & Piling), 557 Cleveland av
IRONTON—Ironton Cross Tie Co. (Ties)
JACKSON—Stevenson Bros. (Cross Ties)
LUCASVILLE—Brant & Appel Co. (Cross Ties)
PEEBLES—Bashford E. A. (Cross Ties)
TOLEDO—Bissell F. Co. (Cedar, Chestnut & Cypress Poles & Wood Posts)
Jennison-Wright Co. (Creosoted Ties, Bridge Timbers, etc)
National Pole Co. (Cedar Poles)
WASHINGTON C. H.—Baker G. D. (Ties)

OREGON.

PORTLAND—Broughton & Wiggins Co., Yeon bldg
Douglas Fir Lumber Co., Yeon bldg

PENNSYLVANIA.

FRANKLIN—James W. J. (Chestnut)
NEWPORT—Sharon Samuel A.
OIL CITY—Berry Co. (Cross Ties)
PHILADELPHIA—Bernard Bros. (R R Ties, Switch Timbers, Pine & Oak Piling, Tel. Poles & Mine Props), Land Title bldg
Hallowell & Souder (Ties, Poles & Posts), Harrison bldg
Risley C. V. (R. R. Ties), Bourse bldg
Roper Jno. L. Lumber Co. (Ties), Franklin Bank bldg
Thompson Lewis & Co. (R R Ties & Posts) N American bldg
Union Railway Supply Co. (Electric Railway Ties & Poles), Real Estate Trust Co. bldg
PITTSBURGH—American Bridge Co., Frick bldg
Enos W. B. & Co. (Ties), Metropolitan & Liverpool
Gillespie D. L. & Co. (Ties), Oliver bldg
Henderson Lumber Co. (Chestnut Poles, Oak & Chestnut Ties), 316 4th av
Ohio Wood Preserving Co., Century bldg
Pittsburgh Wood Preserving Co., Century bldg.
Thompson Dwight (Cross Ties), House bldg
ROCKWOOD—Wolf Penrose
THOMPSONTOWN—Thomson Theo. S. (Estate of) (Ties)
TIONESTA—Forman H. M. (Ties)

RHODE ISLAND.

PROVIDENCE—Walling H. E. (Poles & Ties), Union Trust bldg.

SOUTH CAROLINA.

ALCOLU—Alderman D. W. & Sons Co. (Octagonal or Square Poles)
CHARLESTON—Anderson Lumber Co. (Ties)
Cook W. P. & Co. (Ties)
MAYESVILLE—Bland Jas. F. (Cross Ties)

TENNESSEE.

MEMPHIS—Meredith J. P. Cedar Co. (Red Cedar Piling, Poles & Posts)
NASHVILLE—Nashville Tie Co. (Cross Ties & Cedar Pilings)
Ransom J. B. & Co. (Red Cedar Posts & Poles)

TEXAS.

BEAUMONT—Keith Lumber Co. (Ties)
Nona Mills Co. Ltd. (Ties)
GALVESTON—Heiskell Jas. M. (R R Ties)
International Creosoting & Const. Co. (Creosoted Ties, Bridge Timbers, Piling, Poles, etc)
HOUSTON—Bender C & Sons (Ties & Bridge Timbers)
Carter W. T. Lumber & Bldg. Co. (Ties, etc)
Continental Lumber Co.
Kirby Lumber Co. (Ties etc)
Sigler Grey (Piling, Lumber, etc)
Texas & Louisiana Lumber Co. (Posts, Timbers, Ties, etc)

VIRGINIA.

NORFOLK—Norfolk Creosoting Co. (Poles, Posts, Piling, etc)
Roper John L. Lumber Co. (Ties & Posts Only)
PORTSMOUTH—Wyckoff Pipe & Creosoting Co. (Creosoted Ties & Poles)
RICHMOND—Conquest P. L. & Son (Cross Ties), Amer. Natl. Bank bldg
Johnson & Briggs (Ties), Mutual bldg
ROANOKE—Valley Tie & Lumber Co. (Cross Ties Only)
STAUNTON—Valley Tie & Lumber Co.
TALLEYSVILLE—Richardson R. E. (Ties)

WASHINGTON.

COSMOPOLIS—Grays Harbor Commercial Co. (Cross Ties & Poles)
EVERETT—National Pole Co. (Red & White Cedar Poles)
OSTRANDER—Ostrander Railway & Timber Co. (Long Fir Timbers & R. R. Ties)
PORT BLAKELEY—Port Blakeley Mill Co. (Ties)
PORT LUDLOW—Puget Mill Co., See San Francisco, Cal.
SEATTLE—Miller A. W. Saw Mill Co.
Northwest Lumber Co. (Spars, Piles & Telegraph Poles)
Pacific Fir Co. (Ties)
Puget Mill Co. (Fir Spars)
Seattle Construction & Dry Dock Co. (Piles)
SPOKANE—Carney B. & J. Co.
Chapin E. T. Co.
Lindsley Bros. Co. (Cedar Poles)
Pacific Coast Pole Co. (Ties, Poles & Piling)
TACOMA—St. Paul & Tacoma Lumber Co. ("Douglass" Fir Piles, Ties. Bridge Material, etc)
Tacoma Mill Co. (Piles & Telephone Poles)
WINLOCK—O'Connell Lumber Co. (Poles & Piling up to 100 ft.)

WEST VIRGINIA.

CHARLESTON—Courtney Co. (R. R. Ties)
HUNTINGTON — Mercereau-Hawkins Tie Co.
Nigh S. H. & Bro.
RICHWOOD—Cherry River Boom & Lumber Co. (Telephone Poles, etc),

WISCONSIN.

CLINTONVILLE—Torrey Cedar Co. (Poles & Posts)
DUNBAR—Girard Lumber Co. (Ties, Poles & Posts)
GOODMAN—Goodman Lumber Co. (Cedar Poles & Posts)
GREEN BAY—Northland Lumber Co. (Posts)
Valentine-Clark Co. (Cedar Ties, Poles, etc)
MADISON—Collins Esslen Lumber Co. (Posts & Ties)
MARSHFIELD—Connor R. Co. (Cedar Poles & Posts)
MILWAUKEE—MacGillis & Gibbs Co., Wells bldg
OSHKOSH—Morgan Co. (Cedar Poles & Posts)
RHINELANDER — Robbins Lumber Co. (Cedar Posts)
TOMAHAWK—Brooks Hall L. (Cedar Posts, etc)
WITTENBERG—Glaubitz R. B. (Posts & Poles)
Wheeler-Arnold Co.

15566—Ties (Reinforcing Material)

Neevell Mfg. Co., Kansas City, Mo.

15567— Ties (Steel)

Cambria Steel Co. ("Slick" Mine), Widener bldg, Philadelphia, Pa.
Easton Car & Construction Co., 15 Center Square, Easton, Pa.
See adv index at end of book
Fairmont Mining Machinery Co. (For Mines), Fairmont, W. Va.
Sweets Steel Co., Williamsport, Pa.
Universal Metallic Tie Co., Salt Lake City, Utah
Valley Forging Co., Verona, Pa.

15568—Ties (Steel Railroad)

American Bridge Co. (Pressed for Street & Steam Railways), 30 Church, New York
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Easton Car & Construction Co., 15 Center Square, Easton, Pa.
See adv index at end of book
International Steel Tie Co. (Twin Ties), 16702 Waterloo av, Cleveland, O.

Ties (Veneer)

See Ties, Wall

15569— Ties (Wall)

Allegheny Steel Band Co., Oliver bldg, Pittsburgh, Pa.
American Rolling Mill Co. ("Miami," "Bull Dog" & "Veneer"), Middletown, O.
Beatrice Steel Tank Mfg. Co. ("New-Way"), Beatrice, Neb.
Berger Mfg. Co., Canton, O.
Bostwick Steel Lath Co. ("Bostwick" Galvanized), Niles, O.
Burton W. J. Co. (Brock & Cement), Junction & Federal av, Detroit, Mich.
Bushnell Tank Works, Bushnell, Ill.
Church Appliance Mfg. Co. ("Excelsior," Wire "Umpire" Sheet Steel), La Salle, Ill.
Clark W. J. Co., Salem, O.
Dowman-Dozier Mfg. Co. (Metal), Atlanta, Ga.
Duplex Hanger Co. ("Cleveland" Galvanized & Corrugated), E 53rd & Lakeside av, Cleveland, O.
East Birmingham Iron Roofing & Co., Birmingham, Ala.
EDWARDS MFG. CO., The, 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Hamblin & Russell Mfg. Co. ("Standard" Perforated Steel), Worcester, Mass.
Harry O. K. Steel Works, Dallas, Texas
Hastings Foundry & Iron Works, Hastings, Neb.
Johnston J. D., Newport, R. I.
Klauer Mfg. Co., Dubuque, Ia.
Londelius C. A. & Sons Co., 847 W 63d, Chicago, Ill.
McDowell Mfg. Co. ("Pittsburgh" Steel), Home Trust bldg, Pittsburgh, Pa.
Mercer Mfg. Co. ("Myers"), Mercer, Pa.
Merwin Mfg. Co. ("Herringbone" Galvanized), Erie, Pa.
MICHIGAN WIRE CLOTH CO., 500 Howard, Detroit, Mich.
See adv index at end of book
Minnesota Tank Co., 1415 S E 8th, Minneapolis, Minn.
New Orleans Roofing & Metal Co. Cortez & Orleans, New Orleans, La.
Niagara Falls Metal **Stamping Works** ("Niagara Veneer 12," Galvanized for Concrete Block Walls), Niagara Falls, N. Y.
Norman W. F. Sheet Metal Mfg. Co. (Galvanized Sheet Metal), Nevada, Mo.
Page Steel & Wire Co. ("Page"), Adrian, Mich. *See adv index at end of book*
Peters Jas. & Son (Steel), 1934 N Front, Phila., Pa.
Prescott J. B. & Son ("Morse" Ties & Bonds), Webster, Mass.
Reeves Mfg. Co., Dover, O.
Robertson W. F. Steel & Iron Co. (Galvanized Steel), Elm & Commerce, Cincinnati, O.
Rutledge Co., 618 Michigan av, Detroit, Mich.
St. Paul Roofing, Cornice & Ornament Co. ("St. Paul" Brick Bonds), West St. Paul, Minn.
Smith F. P. Wire & Iron Works, 2540-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Souther E. E. Iron Co. (Galvanized), Klenlin & Hamburger, St. Louis, Mo.
Sykes Metal Lath & Roofing Co., Niles, O.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.
Wicks M. O. Mfg. Co., Glen Cove, N. Y.
Willis Mfg. Co., Galesburg, Ill.

15570— Ties (Wall for Concrete Forms)

Andrews Wire & Iron Works ("Androck"), Rockford, Ill.
Clark W. J. Co., Salem, O.
Decker Mfg. Co., Keokuk, Ia.

15570a—Ties & Tyers (Bag)

Atlantic Jute Mills ("Atlantic"), Norfolk, Va.
Curry J. P. Mfg. Co. ("Curry"), 280 Madison av, New York
United Wire Tie Co., Toledo, O.

15571— Tighteners (Chain)

Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P R Ry, **Phila., Pa.** *See adv index at end of book*

15572—Tile (Art & Decorative)

See also Tile, Encaustic Floor
Alhambra Tile Co., Newport, Ky.
American Encaustic Tiling Co., 16 E 40th, New York
Associated Tile Mfrs., Masanic bldg, Beaver Falls, Pa.
Beaver Falls Art Tile Co., Beaver Falls, Pa.
Burnt Tile & Porcelain Co., Columbus, O.
Cambridge Tile Mfg. Co., Covington, Ky.
Corry Art Stone Co., Corry, Pa.
De Smet Quartz Tile Co., 135 W Washington, Chicago, Ill.
Fiske & Co. ("Tapestry"), 25 Arch, Boston, Mass.
Grueby Faience & Tile Co., 560 1st, Boston, Mass.
JACKSON EDWIN A. & BRO. (INC.) (Dealers in All Kinds), 50 Beekman, New York *See adv index at end of book*
Jackson Wm. H. Company (Dealers in All Kinds of Art & Decorative Tiles), 2 W 47th, New York
Lage B. H., 484 Greenwich, New York
Mosaic Tile Co. (Ceramic, Enameled & Glazed), Zanesville, O.
Martin Brick Co., Empire bldg, Pittsburgh, Pa.
Matawan Tile Co., Matawan, N. J.
Mueller Mosaic Co., Trenton, N. J.
National Tile Co., Anderson, Ind.
Old Bridge Enameled Brick & Tile Co., Old Bridge, N. J.
Owens J. B. Floor & Wall Tile Co., Zanesville, O.
Pardee C. Works, Perth Amboy, N. J.
Richardson Eri H., 742 Market, San Francisco, Cal.
Robertson Art Tile Co., Morrisville, Pa.
Rookwood Pottery Co., Rookwood Pt Mt. Ad, Cincinnati, O.
Trent Tile Co., Trenton, N. J.
Upson Co. ("Upson-Fibre Tile"), Lockport, N. Y.
U. S. Encaustic Tile Wks., Indianapolis, Ind.
Yingling Martin Brick Co., Pittsburgh, Pa.

15573— Tile (Bake Oven)

Albrecht Francis J., 1146 Penn av, Pittsburgh, Pa.
Fiske & Co., 25 Arch, Boston, Mass.
Laclede-Christy Clay Products Co., Manchester & Sulphur avs, St. Louis, Mo.
Maurer Henry & Son, 420 E 23d, New York
Presbrey Stove Lining Co., Taunton, Mass.
St. Louis Vitrified & Fire Brick Co., Wainwright bldg, St. Louis, Mo.

15574— Tile (Book)

United States Gypsum Co. ("Pyrobar"), 205 W Monroe, Chicago, Ill.

15575—Tile (Cement Floor)

Corry Art Stone Co., Corry, Pa.
De Smet Quartz Tile Co., 133 W Washington, Chicago, Ill.
National Mosaic Flooring Co., Mobile, Ala.

15576—Tile (Ceramic) Mosaic Floor

Alhambra Tile Co., Newport, Ky.
American Encaustic Tiling Co., 16 E 40th, New York
Art Mosaic & Tile Co. Toledo, O.
Associated Tile Mfrs. Mosanic bldg, Beaver Falls, Pa.
Atlantic Tile Mfg. Co., Matawan, N. J.
Brooklyn Vitrified Tile Wks., 75 4th, Brooklyn, N. Y.
Brunt Tile & Porcelain Co., Columbus, O.
Cambridge Tile Mfg. Co., Covington, Ky.
Cassini Mosaic & Tile Co., 1027 B'way, Cincinnati, O.
Grueby Faience & Tile Co., 560 1st, Boston, Mass.
Illinois Mosaic Tile Co., 3601 S Ashland av, Chicago, Ill.
Kenilworth Tile Co., Newell, W. Va.

Lage B. H., 484 Greenwich, New York. Factory: Menlopark, N. J.
Matawan Tile Co., Matawan, N. J.
Mosaic Tile Co., Zanesville, O.
Mueller Mosaic Co., Trenton, N. J.
National Mosaic Co., 338 Pennsylvania av, Washington, D. C.
National Mosaic Flooring Co. ("Adamantile"), Mobile, Ala.
National Mosaic Tile Co., 2101 S Kedzie av, Chicago, Ill.
National Tile Co., Anderson, Ind.
Old Bridge Enameled Brick & Tile Co., Old Bridge, N. J.
Owens J. B. Floor & Wall Tile Co., Zanesville, Ohio
Pardee C. Works, Perth Amboy, N. J.
Perth Amboy Tile Wks., Perth Amboy, N. J.
Robertson Art Tile Co., Morrisville, Pa.
Roman Mosaic & Tile Co., Inc., 435 Green, Phila., Pa.
Traitel Marble Co., Webster av & E R, Long Island City, N. Y.
Trent Tile Co. (Vitrified & Glazed), Trenton, N. J.
U. S. Encaustic Tile Wks., Indianapolis, Ind.
Wheeling Tile Co., Wheeling, W. Va.

15577-8— Tile (Cork)

Dreadnought Flooring Co. ("Dreadnought" Interlocking), 154 W 18th, New York
Johns H. W.-Manville Co., Madison av & 41st, New York
Kennedy David E. Inc. ("Nonpariel"), 53 5th av, New York
Marbleoid Co. ("Marbleoid"), 47 W 34th, New York
United Cork Cos., 50 Church, New York

15579— Tile (Drain)

See also Firms in Brick, Common, with the word Tile following their name
Ada Clay Co., Ada, O.
Akron Vitrified Clay Mfg. Co., Akron, O.
American Brick & Tile Co., Mason City, Ia.
American Clay Products Co., 175 5th av, New York
American Fire Brick Co., Spokane, Wash.
American Sewer Pipe Co., Akron, O.
Arbuckle & Son, Rays Crossing, Ind.
Argillo Works, Carbon Cliff, Ill.
Athens Brick & Tile Co., Athens, Texas
Ayer, McCarel & Reagon Clay Co., Brazil, Ind.
Bannon F. Pipe Co. (Farm), Louisville, Ky.
Bell C., Craigville, Ind.
Biglow E. Co., New London, O.
Blackmer & Post Pipe Co. (Salt Glazed Vitrified), Boatmen's Bank bldg, St. Louis, Mo.
Boone Brick, Tile & Paving Co., Boone, Ia.
Bradshaw & Co., Fort Dodge, Ia.
Brandt Clay Products Co., Binghamton, N. Y. Works: Brandt, Pa.
Butte Sewer Pipe & Tile Co., Butte, Mont.
Cedar Rapids Brick Co., Cedar Rapids, Ia.
Chattanooga Sewer Pipe & Fire Brick Co., Chattanooga, Tenn.
Clark N. & Sons, 116 Natoma, San Francisco, Cal., & Alameda, Cal.
Clay Product Co., 175 W Jackson blvd, Chicago, Ill.
Cooper Jno., 111 Clay, Brooklyn, N. Y.
Daubenmire C. E., Union City, Ind.
Dawson Brick & Tile Co., Springfield, Ill.
Dee Wm. E. Co., 30 N La Salle, Chicago, Ill. Works: Mecca, Ind.
Delaware Clay Mfg. Co., Delaware, O.
Denman W. M., West Unity, O.
Denny-Renton Clay & Coal Co., Seattle, Wash.
Dickey W. S. Clay Mfg. Co., N. Y. Life bldg, Kansas City, Mo.
Dickson Bros., Whiteland, Ind.
Diefethaler Co., Mullbury, O.
Duffy J. P. Co., 207 E 138th, New York
Eastern Clay Goods Co., 141 Milk, Boston, Mass.
Evens & Howard Fire Brick Co., 920 Market, St. Louis, Mo.
Everal F. H. & Co., Westerville, O.
Far West Clay Co., Tacoma, Wash.
First Av Brick & Tile Co., Evansville, Ind.
Gerhard F. J., 110 Belmont av, Newark, N. J.
Gladding, McBean & Co., Crocker bldg, San Francisco, Cal.
Greer-Beatty Clay Co., Magnolia, O.
Grinnell Clay Products Co., Grinnell, Ia.
Hillsboro Brick & Tile Co., Hillsboro, Ill.
Hobbs Drain Tile Co., Hobbs, Ind.
Indiana Drain Tile Co. (Made from Shale), Brooklyn, Ind.
Iowa Pipe & Tile Co., Des Moines, Ia.
Jackson John H. Tile Co., Albany, N. Y.
Kankakee Tile & Brick Co., Kankakee, Ill.
Lancaster Brick & Tile Co., Builders' Exch., Buffalo, N. Y.
Lee M. J. Drain Tile Co. (4 to 30 inches), Colfax, Ind.
Lehigh Sewer Pipe & Tile Co. (Salt Glazed Vitrified Only), Fort Dodge, Ia.
Lindley Thomas F., Kempton, Ind.
Macomb Sewer Pipe Co., Macomb, Ill.
Manteno Brick & Tile Co., Manteno, Ill.
Mason City Brick & Tile Co., Mason City, Iowa
Mason City Clay Works, Mason City, Ia.
Mason City Sewer Pipe Co., Mason City, Ia.
Mason H. R., Monroeville, O.
Merrick C. H. (Farm), Syracuse, N. Y.
Morey Clay Products Co. (Brick & Tile), Ottumwa, Ia.
Morral Clay Co., Morral, O.
National Clay Works, Mason City, Iowa
National Drain Tile Co., Streator, Ill.
National Drain Tile Co., Terre Haute, Ind.
National Fire Proofing Co., Fulton bldg, Pittsburgh, Pa.
Northwestern Clay Mfg. Co. (Vitrified), Aledo, Ill.
Oconee Brick & Tile Co., Milledgeville, Ga.
Orestes Drain Tile Co., Orestes, Ind.
Platt Pressed & Fire Brick Co. (Agricultural), Van Meter, Ia.
Plymouth Clay Products Co. (Vitrified), Fort Dodge, Ia.
Pomona Terra Cotta Co., Pomona, N. C.
Portage Silica Co., Youngstown, O.
Portland Drain Tile Co., Portland, Ind.
Prame F. J., Shiloh, Ohio
Red Wing Sewer Pipe Co., Red Wing, Minn
Richeson, Nelson & Moore, Greenville, O.
Roanoke Drain Tile Co., Roanoke, Ind.
Robinson Clay Product Co., Akron, O.
Rochester Brick & Tile Mfg. Co., Rochester, N. Y.
Rockport Drain & Tile Co., Rockport, Ind.
San Antonio Sewer Pipe Co., San Antonio, Texas
Sieg John A., Marshallton, Ia.
Sioux City Brick & Tile Co., Sioux City, Ia.
Somerville Thos. Co., 312 13th. N W, Washington, D. C.
Southern Brick & Tile Co., Louisville, Ky.
Southern Sewer Pipe Co. (Farm), Birmingham, Ala.
Stevens' H. Sons Co., Macon, Ga.
Stoneware Pipe Co., East Alton, Ill.
Stookey D. W., Cedar Rapids, Ia.
Streator Clay Mfg. Co., Streator, Ill.
Summitville Drain Tile Co., Summitville, Ind.
Sweetsers Drain Tile Co., Sweetsers, Ind.
Twin City Fuel Co., Neenah, Wis.
Union Sewer Pipe Co., McKeesport, Pa.
United Cork Cos. ("Crescent"), 50 Church, New York
Vigo-Amer. Clay Co., Terre Haute, Ind.
Vigo Tile & Brick Co., Vigo, O.
Waynesfield Drain Tile Co., Waynesfield, O.
Williams N. A. Co., 133 W Wash., Chicago, Ill.
Winslow & Co., Portland, Me.
Zuber Drain Tile Co., Columbia City, Ind.

15580— Tile (Enameled)

Alhambra Tile Co., Newport, Ky.
American Encaustic Tiling Co., 16 E 40th, New York
Associated Tile Mfrs., Mosanic bldg, Beaver Falls, Pa.
Beaver Falls Art Tile Co., Beaver Falls, Pa.
Cambridge Tile Mfg. Co., Covington, Ky.
Grueby Faience & Tile Co., 560 1st, Boston, Mass.
Matawan Tile Co., Matawan, N. J.
Mosaic Tile Co., Zanesville, O.
National Tile Co., Anderson, Ind.
Old Bridge Enameled Brick & Tile Co., Old Bridge, N. J.
Owens J. B. Floor & Wall Tile Co., Zanesville, O.
Pardee C. Works, Perth Amboy, N. J.
Robertson Art Tile Co., Morrisville, Pa.
Tiffany Enamel Brick Co., Momence, Ill.
Trent Tile Co., Trenton, N. J.
U. S. Encaustic Tile Works, Indianapolis, Ind.

15581—Tile (Enameled Metal)

New York Metal Ceiling Co. ("Enametile"), 537 W 24th, New York
Northrop Coburn & Dodge Co. ("No-Co-Do"), 120 Liberty, New York
Penn Metal Co. ("Loxon"), 65 Franklin, Boston, Mass.
Phoenix Metal Tile Co., 193 Pearl, Brooklyn, N. Y.
Stengel Bros. Co. ("Metile" & "Excelltile"), Thompson & Chrtrs., Pittsburgh, Pa.

15582—Tile (Encaustic Floor)

Alhambra Tile Co., Newport, Ky.
American Encaustic Tiling Co., 16 E 40th, New York
Associated Tile Mfrs., Mosanic bldg, Beaver Falls, Pa.
Cambridge Tile Mfg. Co., Covington, Ky.
Grueby Faience & Tile Co., 560 1st, Boston, Mass.
Matawan Tile Co., Matawan, N. J.
Mueller Mosaic Co., Trenton, N. J.
Mosaic Tile Co., Zanesville, O.
National Tile Co., Anderson, Ind.
Old Bridge Enameled Brick & Tile Co., Old Bridge, N. J.
Owens J. B. Floor & Wall Tile Co., Zanesville, O.
Pardee C. Works, Perth Amboy, N. J.
Robertson Art Tile Co., Morrisville, Pa.
Trent Tile Co., Trenton, N. J.
U. S. Encaustic Tile Works, Indianapolis, Ind.

15583— Tile (Fibre)

Upson Co. ("Upson-Fibre Tile"), Lockport, N. Y.

15584—Tile (Fire Proofing or Partition)

Cameron Clay Products Co., Emporium, Pa.
Camp Conduit Co., 306 Marshall bldg, Cleveland, O.
Hydraulic-Press Brick Co., St. Louis, Mo.
Indiana Drain Tile Co. (3 to 12 inches, Made from Shale), Brooklyn, Ind.
Metropolitan Paving Brick Co., Canton, Ohio
National Fireproofing Co., Fulton bldg, Pittsburgh, Pa.
Oconee Brick & Tile Co., Milledgeville, Ga.

15585—Tile (Floor or Porch)

Associated Tile Mfrs., Mosanic bldg, Beaver Falls, Pa.
Camp Conduit Co., 306 Marshall bldg, Cleveland, O.
Corry Brick & Tile Co. (Vitrified Red), Corry, Pa.
De Smet Quartz Tile Co., 133 W Washington, Chicago, Ill.
Goldsmith Metal Lath Co. (Metal Fireproof Floor), 53 Central av, Cincinnati, O.
Hydraulic-Press Brick Co. ("Hy-tex"), St. Louis, Mo.
Martin Brick Co., Empire bldg, Pittsburgh, Pa.
Oconee Brick & Tile Co., Milledgeville, Ga.
Ridgeway Brick Co., Ridgeway, Pa.
Schellenberger C. F. Bldrs' Exchange, Phila., Pa.
Yingling Martin Brick Co. ("Promenade"), Pittsburgh, Pa.

15586— Tile (Glass)

Opalite Tile Co. ("Cosmos," "Opalite"), Monaca, Pa.

15587— Tile (Gypsum)

Keystone Fireproofing Co., Chester, Pa.
United States Gypsum Co. ("Pyrobar"), 205 W Monroe, Chicago, Ill.

15588—*Tile (Illuminating Wholesale Mfrs.)

RODEFER GLASS CO., THE, Bellaire, O.
See adv index at end of book

15589— Tile Importers

Mart & Lawton (Milton Holling & Co.'s English Glazed Tile), 1123 B'way, New York
Revis Wm. H. ("Welsh"), 1128 B'way, New York

15590-1—Tile ("Moravian")

Moravian Pottery & Tile Works (Glazed & Unglazed in Various Colors), Doylestown, Pa.

Tile (Mosaic)

See Tile, Ceramic Mosaic Floor; also Mosaics, Floor

15592—Tile (Non-absorbent Floor)

Alhambra Tile Co., Newport, Ky.
American Encaustic Tiling Co., 16 E 40th, New York
Cambridge Tile Mfg. Co., Covington, Ky.
Grueby Faience & Tile Co., 560 1st, Boston, Mass.
Matawan Tile Co., Matawan, N. J.
Mosaic Tile Co., Zanesville, O.
National Tile Co., Anderson, Ind.
Old Bridge Enameled Brick & Tile Co., Old Bridge, N. J.
Pardee C. Works, Perth Amboy, N. J.
Robertson Art Tile Co., Morrisville, Pa.
Trent Tile Co., Trenton, N. J.

15593— Tile (Quarry)

Associated Tile Mfrs., Mosanic bldg, Beaver Falls, Pa.
Revis Wm. H. ("Welsh," Imp.), 1123 B'way, New York

15594—Tile (Recuperator Flue)

Harbison-Walker Refractories Co., Farmers' Bank bldg, Pittsburgh, Pa.

Tile (Roofing)

See Roofing Tile, Various Kinds

15595— Tile (Rubber)

See also Mats & Matting, Rubber
Combination Rubber Mfg. Co., Bloomfield, N. J.
Goodrich B. F. Co. (Interlocking), Akron, Ohio
Goodyear Tire & Rubber Co. (Interlocking), Akron, O.
Hewitt Rubber Co. (Inlaid), Buffalo, N. Y.
International Rubber Co., 120 B'way, New York
Manhattan Rubber Mfg. Co., Passaic, N. J.
N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
New York Belting & Packing Co. (Interlocking), 91 Chambers, New York
Peerless Rubber Mfg. Co., 31 Warren, New York
Pennsylvania Rubber Co. ("Pennsylvania" Interlocking), Jeannette, Pa.
Republic Rubber Co., Youngstown, O.
Salisbury W. H. & Co. ("Velvet"), 105 S Wabash av, Chicago, Ill.
United & Globe Rubber Mfg. Co., Trenton, N. J.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
Western Rubber Co. (Interlocking), Goshen, Ind.

15596— Tile (Sidewalks)

See also Brick Manufacturers, Vitrified Paving
Nelsonville Brick Co., Nelsonville, O.
Soisson Jos. Fire Brick Co., Connellsville, Pa.

Tile (Slate)

See Slate Floor Tile

15597— Tile (Terra Vitrea)

Alhambra Tile Co., Newport, Ky.
American Encaustic Tiling Co., 16 E 40th, New York
Beaver Falls Art Tile Co., Beaver Falls, Pa.
Matawan Tile Co., Matawan, N. J.
National Tile Co., Anderson, Ind.
Old Bridge Enameled Brick & Tile Co., Old Bridge, N. J.
Owens J. B. Floor & Wall Tile Co., Zanesville, O.
Pardee C. Works, Perth Amboy, N. J.
Robertson Art Tile Co., Morrisville, Pa.
Trent Tile Co., Trenton, N. J.
U. S. Encaustic Tile Works, Indianapolis, Ind.

15598—Tile (Vitreous Floor)

Akron Roofing Tile Co. (Quarries), Brook st, Akron, O.
Alexander & Reid Co., 355 W 36th, New York
Alhambra Tile Co., Newport, Ky.
American Encaustic Tiling Co., 16 E 40th, New York
Associated Tile Mfrs., Mosanic bldg, Beaver Falls, Pa.
Brooklyn Vitrified Tile Works, 75 4th, Brooklyn, N. Y.
Cambridge Tile Mfg. Co., Covington, Ky.
Fisk & Co., 25 Arch, Boston, Mass.
Fleming & Co. (Red, Buff & Black Quarries), 253 B'way, New York
Lage B. H., 484 Greenwich, New York
Matawan Tile Co., Matawan, N. J.
Mosaic Tile Co. (Also Semi-Vitreous or Encaustic), Zanesville, O.
National Tile Co., Anderson, Ind.
Old Bridge Enameled Brick & Tile Co., Old Bridge, N. J.
Owens J. B. Floor & Wall Tile Co., Zanesville, O.
Pardee C. Works, Perth Amboy, N. J.
Perth Amboy Tile Works, Perth Amboy, N. J.
Robertson Art Tile Co., Morrisville, Pa.
Rossman Robert Co., 154 W 49th, New York
Trent Tile Co. (White & Colored), Trenton, N. J.
U. S. Encaustic Tile Wks., Indianapolis, Ind.
Wheeling Tile Co., Wheeling, W. Va.

Tile (Wall)

See Tile, Art & Decorative

Tiling (Acid Proof)

See Brick, Acid Proof

Tiling (Interlocking Rubber)

See Firms in Tile, Rubber, with the word "Interlocking" following their Name

15599-600— Tillers (Boat)

Wilcox, Crittenden & Co., Middletown, Conn.

Tills (Alarm)

See Drawers, Cash or Money

Time Detectors

See Clocks, Watchman's

15601-2— *Time Recorders

See also Recorders, Time
HOWARD E. CLOCK CO., Broomfield & Washington, Boston, Mass.
See adv index at end of book

15603— Timers (Egg)

Cassady Fairbank Mfg. Co., 6126 S Lasalle, Chicago, Ill.
Silver & Co., 304 Hewes, B'klyn, N. Y.

15604— Timers (Spark)

Akar Ignition Co. ("Akar"), 149 Berkley, Wayne Junction, Philadelphia, Pa.
American Coil Co., Foxboro, Mass.
Byrne, Kingston & Co., Kokomo, Ind.
Connecticut Telephone & Electric Co., Meriden, Conn.
Crouse-Hinds Co., Syracuse, N. Y.
Dow Mfg. Co., Braintree, Mass.
Fulmer C. F. ("Invincible"), Plainfield, N. J.
Heinze Electric Co., Lowell, Mass.
Herz & Co., 245 W 55th, New York
Kokomo Electric Co., Kokomo, Ind.
Milwaukee Auto Eng. & Supply Co., 708 Winnebago, Milwaukee, Wis.
Mosler A. R. & Co. ("Eccentric"), Mount Vernon, N. Y.
New York Coil Co., 338 Pearl, New York
Pittsfield Spark Coil Co., Pittsfield, Mass.
Post & Lester Co. ("E. I. C."), Hartford, Conn.
Powell Muffler & Timer Co. ("Twentieth Century"), Utica, N. Y.
Schug Elec. Mfg. Co., Detroit, Mich.
Spitdorf Electrical Co., 98 Warren, Newark, N. J.

15605— Tin (Bar & Pig)

American Smelting & Refining Co., 120 B'way, New York
Bogue Wensley Lead Co., Denver, Colo.
Chadwick-Boston Lead Co., Boston, Mass.
Coates, Bennett & Reidenbach, Rochester, N. Y.
Eagle Smelting & Refining Works, 233 B'way, New York
Furukava & Co., Ltd. (Imp.), 120 Broadway, New York
Gilbert A. & Sons Brass Foundry Co., 4019 Forrest Park bldg, St. Louis, Mo.
Goldschmidt Detinning Co., 120 B'way, New York
Hayman Mich'l & Co., Buffalo, N. Y.
Hendricks Bros., 49 Cliff, New York
Iaborga Rafael (Miners & Imp.), 233 Broadway, New York
Jacobson I. M. & Sons & Co. (Bar), 70 Catherine, Detroit, Mich.
Lazarus Lewis & Sons (Imp.), 61 Broadway, New York
Lewis John T. & Bros. Co. (Bar), Lafayette bldg, Phila., Pa.
Lissberger Marks & Son, 281 Borden av, Long Island City, N. Y.
McINNES CHARLES E. & CO. (Pig), Mariner & Merchants bldg, Phila., Pa.
Metal Products Co., Inc., 100 S. Jefferson, Chicago, Ill. *See adv index at end of book*
More-Jones Brass & Metal Co. (Bars), B'way & Dock, St. Louis, Mo.
Nassau Smelting & Refining Works, 609 W 29th, New York
National Copper Refining Co. (Pig), Cleveland, O.
Norden A. & Co. (Imp.), Cotton Exch. bldg, New York
Peerless Alloy Co., Denver, Colo.
Pope Trading Co. (Dealers & Importers), 90 West, New York
Pressprich & Son Co. (Imp.), 96 Wall, New York
Selby Smelting & Lead Co., 201 1st, San Francisco, Cal.
Seligman Arthur (Pig Imp.), 165 B'way, New York
Taylor N. & G. Co. (Imp. Pig Tin), Phila., Pa.
Trench C. S. & Co., 81 Fulton, New York
Trotter, Nathan & Co. (Imp. Pig Tin), 36 N Front, Phila., Pa.
Union Smelting & Refining Co., St. Charles, Newark, N. J.
See adv index at end of book
United Lead Co. (Bar Tin), 111 B'way, New York
UNITED SMELTING & ALUMINUM CORP. (Jobbers), 183-189 Commerce, New Haven, Conn.
See adv index at end of book
United States Reduction Co., E Chicago, Ind.
Vernon Metal & Produce Co., 25 Beaver, New York
Vulcan Detinning Co. (Pig Tin), Sewaren, N. J.
Winter Son & Co. (Pig Imp.), 64 Wall, New York
Woodfall Bros., 1105 Fairmount av, Phila., Pa.

15605a— Tin (Bi-Chloride)

Goldschmidt-Detinning Co., 120 Broadway, New York.
Grasselli Chemical Co., Guardian bldg., Cleveland, Ohio

15606— Tin (Block)

Chadwick-Boston Lead Co. (Sheet), Boston, Mass.
United Lead Co. (Sheet), 111 B'way, New York
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
See adv index at end of book

15607— *Tin (Bright)

MERCHANT & EVANS CO., 2035 Washington av, Phila., Pa.
See adv index at end of book

15607a— Tin (Chloride)

Drakenfeld B. F. & Co. (Imp.), 50 Murray, New York
Fuller Ralph L. & Co., Inc., 2 Rector, New York. *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

15608— Tin Crystals

Butterworth-Judson Co., Passaic River. Newark, N. J.
General Chemical Co., 25 Broad, New York
Grasselli Chemical Co., Guardian bldg., Cleveland, O.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Innis, Speiden & Co. Inc., 46 Cliff, New York *See adv index at end of book*
Klipstein A. & Co. (Imp.), 644 Greenwich, New York
Merrimac Chemical Co., 148 State, Boston, Mass.
Wiarda John C. & Co. (Jobbers), 273 Greene, Brooklyn, N. Y.

15608a— *Tin (Flashing)

MERCHANTS & EVANS CO., 2035 Washington av, Phila., Pa.
See adv index at end of book

15609— Tin Foil

Budde & Westermann, 7th av & 29th, New York
Conley Tinfoil Co. (Wrapping Machine Foil), 521 W 25th, New York
Crooke Jno. J. Co., 68 William, New York
Hutchinson, W. H. & Son, 2101 Walnut, Chicago, Ill.
Johnston Tin Foil & Metal Co., 6020 S. B'way, St. Louis, Mo.
Lehmaier, Schwartz & Co., 207 E 22nd, New York
Merchant & Evans Co., 2035 Washington av, Phila., Pa.
See adv index at end of book
Wittemann Bros., 41 Ferris, Brooklyn, N.Y.

15609a— *Tin (Gutter)

MERCHANT & EVANS CO., 2035 Washington av, Phila., Pa.
See adv index at end of book

15609a1—*Tin Mill Equipment

Tin Mill Equipment

Sheet and Tin Plate Mills. Shears, Rope Drives, Pickling Machines

(Write for Bulletin S)

Mesta Machine Company

PITTSBURGH, PA., U. S. A.

15609b— Tin Oxide

See also Oxide of Tin

Drakenfeld B. F. & Co. (Imp.), 50 Murray, New York

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

15609c—Tin Oxide Substitute

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

15610— Tin Plate Bars

See also Black Plates for Tinning

Andrews Steel Co. (Acid & Basic Open Hearth Steel), Newport, Ky.
Cambria Steel Co., Widener bldg, Phila., Pa.
Carnegie Steel Co. (Bessemer Steel), Carnegie bldg, Pittsburgh, Pa.
ton, Mass.
Follansbee Bros. Co., Pittsburgh, Pa.
Illinois Steel Co., 208 S La Salle, Chicago, Ill.
Republic Iron & Steel Co., Youngstown, O.

Tin Plate Dipperies

See Tin Plate Manufacturers

15611—*Tin Plate Importers

LEAVITT C. W. & CO., 34 Church, New York *See adv index at end of book*
Merchant & Evans Co., 2035 Washington av, Phila., Pa.
See adv index at end of book

15612— Tin Plate Mfrs.

See also Black Plates for Tinning; Also Tin Plate Bars

Alcania Co. (Tin & Terne Plate), Oliver bldg, Pittsburgh, Pa.
American Sheet & Tin Plate Co. (Tin & Terne Plate), Frick bldg, Pittsburgh, Pa.
American Steel Co., Park bldg, Pittsburgh, Pa.
American Tin & Terne Plate Co., 24th & Vine, Philadelphia, Pa.
Buhl Stamping Co. (Tin Plate for Their Own Consumption Only), Detroit, Mich
Canonsburg Steel & Iron Works (Tin & Terne Plate), Canonsburg, Pa.
Carnahan Tin Plate & Sheet Co. (Tin & Terne Plate), Canton, O.
Cincinnati Stamping Co., 24 W McMicken av, Cincinnati, O.
Ferguson Tin Plate Co. (Terne Plates, Buy Black Sheets), Torrens & P. R. R., Pittsburgh, Pa.
Follansbee Bros. Co. (Bright Charcoal, Tin & Terne Plate, "Banfield Best Bright," "Gilbert" & "Rosedale"), Pittsburgh, Pa.
Griffiths Charcoal Iron Mills (Tin Plate Only), Washington, Pa.
Heim L. J. & Co. ("Hamilton"), Park bldg, Pittsburgh, Pa.
Jones & Laughlin Steel Co. (Bright Coke Plates; also Black Plate), Ross, Pittsburgh, Pa.
Lalance & Grosjean Mfg. Co. (Tin Plate for Their Own Consumption Only), 299 B'way, New York
Larkin J. K. & Co. (& Terne), 34 Reade, New York. *See adv index at end of book*
Liberty Steel Co., Warren, Ohio
McKeesport Tin Plate Co. (Tin Plate Only), McKeesport, Pa.
Mansfield Sheet & Tin Plate Co., Mansfield, O.
MERCHANT & EVANS CO. (Bright & Roofing), 2035 Washington av, Phila., Pa. *See adv index at end of book*
Meurer Bros. Co. (Tin & Terne Plate, Buy Black Plates), 575 Flushing av, Brooklyn, N. Y.
Ohio Corrugating Co., Warren, Ohio
Phillips Sheet & Tin Plate Co. (Tin & Terne Plate, Cokes & Charcoal), Weirton, W. Va.
Piper J. A. Roofing Co., Greenville, S. C.
Reeves Mfg. Co., Dover, O.
Saul Eugene C. (Pacific coast representative of Central Tube Co.), Monadnock bldg, San Francisco, Cal.
Standard Tin Plate Co. (Tin & Terne Plate), Cannonsburg, Pa.
Taylor N. & G. Co. (Tin & Terne Plate & Roofing), Mariner & Merchant bldg, Phila., Pa.
Trumbull Steel Co., Warren, O.
Washington Tin Plate Co. (Tin & Terne Plate), Washington, Pa.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.) (Tin & Terne Plate, Coke & Charcoal Bright Plates), Wheeling, W. Va.
Wheeling Steel & Iron Co. (Tin Plate Only), Wheeling, W. Va.

15613—Tin Plate, Metals, Etc.

See also Roofing & Siding, Iron & Steel; also Tin Plate Manufacturers

ALABAMA.

NEW DECATUR—Decatur Cornice & Roofing Co.

ARKANSAS.

LITTLE ROCK—Fones Bros. Hdw. Co.

CALIFORNIA.

LOS ANGELES—Boynton H. R. Co., 839 S Los Angeles
Harper & Reynolds Co., 152 N Main
Holbrook, Merrill & Stetson, 200 S Central av
SAN FRANCISCO—Baker, Hamilton & Pacific Co., 7th & Townsend
Dalziel-Moller Co., 556 Mission
Dunham, Carrigan & Hayden Co., Kansas & Division
Garrett W. T. & Co., 299 Fremont
Holbrook, Merrill & Stetson, 6th & Bluxome
Pacific Metal Works, 153 1st
SOULE EDW. L. CO. (Iron & Steel Products of All Kinds), Rialto bldg. *See adv index at end of book*
Speddy T. H. & Co., 85 2d

COLORADO.

DENVER—Bogue-Wensley Lead Co.
Crosta Bros.
Rowntree Jno. T.

CONNECTICUT.

BRIDGEPORT—Chapman & Bangs Co.
Hunter & Havens
HARTFORD—Blodgett & Clapp Co., 1417 Main
Ensworth L. L. & Son, 344 Front
NEW HAVEN—Mersick C. S. & Co.

DISTRICT OF COLUMBIA.

WASHINGTON—Adler M. J., C. P. Ash Co., 3148 M, N W
Fries, Beall & Sharp Co., 734 10th, N W
Kendall J. B. Co., 485 Mo. av

GEORGIA.

ATLANTA—Conklin Tin Plate & Metal Co.
SAVANNAH—Weed J. D. & Co.

ILLINOIS.

AURORA—Messenger & Parks Mfg. Co.
CHICAGO—Allerton Clarke Co., 74 W Lake
Hibbard, Spencer, Bartlett & Co., 303 N State st, Bridge
Johnston Jno. & Co., 311 W Lake
McVoy Sheet & Tin Plate Co., 1042 W 36th
Merchant & Evans Co., 347 Sheldon
See adv index at end of book
Scully Steel & Iron Co., 2364 S Ashland av
Trench Dan'l G. & Co., 222 N Wabash av
OTTAWA—Refior Hardware Co.
PEORIA—Hunter & Strehlow Co.
Johnson Chas. Hardware Co.
Meyer F. & Bro. Co., Peoria, Ill.
Walker Isaac Hdw. Co.
QUINCY—Tenk Hdw. Co.
SPRINGFIELD—Illinois Art Metal Co.

INDIANA.

ANDERSON—Gedge Bros. Iron Roofing Co.
EVANSVILLE—Thiele I. A. Co.
FORT WAYNE—Seavey Hdw. Co.
INDIANAPOLIS—Indianapolis Stove Co., Standard Metal Co., 135 S Pennsylvania
Tanner & Co., 216 S Meridan
Van Camp Hdw. & Iron Co., 401 W Maryland
RICHMOND—Jones Hardware Co.
TERRE HAUTE—Smith's C. C. Sons Co.

IOWA.

BURLINGTON—Donahue Robt. Iron & Hardware Co.
DES MOINES—Luthe Hdw. Co.
DUBUQUE—Klauer Mfg. Co.
Tredway A. & Sons Hdw. Co.
WATERLOO—Cutler Hardware Co.

KANSAS.

ATCHISON—Blish, Mize & Silliman Hdw. Co.
Harwi A. J. Hardware Co.
LEAVENWORTH—Crancer Hardware Co.

KENTUCKY.

LOUISVILLE—Belknap Hardware & Mfg. Co.
Bridgeford & Co.
Conner Chas. H. & Co., 17th & Arbegust
Stratton & Terstegge Co., 15th & Main
Todd-Donigan Iron Co., 817 W Main

LOUISIANA.

NEW ORLEANS—New Orleans Roofing & Metal Co., Cortez & Orleans
Stauffer, Eshleman & Co., Ltd., 511 Canal

MAINE.

EASTPORT—Milliken B. F. & Son (Canners' Supplies)
LEWISTON—Stetson J. H. Co.

MARYLAND.

BALTIMORE—Ammidon & Co., 31 S Frederick
Central Metal & Supply Co. (Brass & Copper), 611 E Lombard
De Ved & Sons Sash Weight Co., 807 So Howard
Kahl-Holt Co., 111 S Charles
Lyon Conklin Co., 19 Balderston
Merchant & Evans Co. (Inc.), 232 St. Paul
Nelson C. H. Metal Co., 104 So Charles
Parker E. L. & Nimmo Co., 203 S Charles

MASSACHUSETTS.

BOSTON—Austin & Doten, 102 North
Avery & Saul, 207 Congress
Brown-Wales, 489 C
Fitz, Dana & Co., 110 North
Gallagher D. F. & Co., 37 Commercial wf
Harvey Arthur C. Co., 374 Congress
See adv index at end of book
Herrick Co., 49 Broad
Lloyd Geo. H., 131 State
Richards & Company, 192 Beverly
Waite, Ranlet & Co., 80 Broad
SPRINGFIELD—Lewis Chas. C. Co.
New England Plumbing Supply Co.
WORCESTER—McGuinness J. F.

MICHIGAN.

BATTLE CREEK—Bock-Walker Co.
Brockett L. B. & Son
DETROIT—Buhl Sons Co., 103 Woodbridge W
Burton W. J. Co., Junction & Federal
Standard Bros., Woodbridge, 1st & Front
Walker Mfg. & Supply Co., Shelby & Woodbridge
GRAND RAPIDS—Foster, Stevens & Co.
Hopson W. C. Co.
KALAMAZOO—Edwards & Chamberlain Hdw. Co.
SAGINAW—Valley Cornice & Slate Co., (Ltd.)

MINNESOTA.

DULUTH—Duluth Corrugating & Roofing Co.
MINNEAPOLIS—Janney, Semple, Hill & Co., 1st av, S & 2d
ST. PAUL—Decker, Adam Hardware Co. (Est. of), 347 Jackson
Farwell, Ozmun, Kirk & Co.
Hackett-Gates-Hurty Co., Fourth & Rosabel
WINONA—Cone R. D. Co.

MISSOURI.

KANSAS CITY—Gille Mfg. Co., 1423 W 9th
Merchant & Evans Co., 2008 Baltimore av. *See adv index at end of book*
Richards & Conover Hardware Co.
Townley Metal & Hardware Co., 2d S W. cor Walnut
ST. JOSEPH—Wyeth Hdw. & Mfg. Co.
ST. LOUIS—Hammond Sheet Metal Mfg. Co., 2d & Cass av
Simmons Hdw. Co., 9th & Spruce
Souther E. E Iron Co., Kienlin & Hamburger
Stockhoff Supply Co., 107 N Main
Witte Hardware Co., 706 N 3d

NEBRASKA.

OMAHA—Lee-Coit Andreesen Hdw. Co.
Lehmer Jos. R. Co., 1212 Farnam

NEW HAMPSHIRE.

MANCHESTER—Pike & Heald Co.

NEW JERSEY.

BAYONNE—Bayonne Supply Co.
ELIZABETH—Elizabeth Hdw. Co.
JERSEY CITY—Letcher R. J. & Son, 191 Morgan
NEWARK—Coe Jas. A. & Co., 106 Mulberry
Egbert W. V. & Co., 37 Mechanic
Faitoute Iron & Steel Co., 180 Frelinghuysen av
Macknet & Doremus, 798 Broad

NEW YORK.

ALBANY—Hoy & Co.
AUBURN—Smith & Pearson
BINGHAMTON—Babcock, Hinds & Underwood
BUFFALO—Beals, McCarthy & Rogers, 44 Terrace
Buffalo Wholesale Hdw. Co.
Hofeller Theo. & Co., 206 Scott
Newman W. H. H. & Co., 70 Main
Republic Metalware Co., The
Schmahl Jacob, 28 Lloyd
Walbridge & Co., 392 Main
Weed & Co., 416 Main
ELMIRA—Booth Irving D.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Meurer Bros. Co., 575 Flushing av

Boroughs of Manhattan and Bronx.

NEW YORK—Bischoff C. & Co., 451 Washington
Brooklyn Galvanizing & Mfg. Co., 120 Liberty
Bruce & Cook, 190 Water
Conklin T. E. & Co. (Brass & Copper), 61 Duane
Crouch W. J. Co., 68 William
De Milt H. R. Co., 238 Water
Dickerson, Van Dusen & Co., 32 Cliff
Feld Geo. A. Co., 162 E 129th
Fitz-Dana & Brown, 441 Pearl
Glokner & Blue Co. (Tinsmiths), 2474 3d av
Hirsch L. C. & Co., 220 W 19th
Hoffman & Scofield (Sheet Metals), 100 Beekman
Hungerford U. T. Brass & Copper Co., 80 Lafayette
LEAVITT C. W. & CO., 34 Church
See adv index at end of book
Merchant & Evans Co., 242 Water
See adv index at end of book
Metal Export Co. of America (Brass, Copper & Zinc), 59 Pearl
Sanborn John & Son (Bars, Pigs & Ingots), 134 Beekman
Sel Benj. & Co., 59 Orchard
Smith & McCrooken, Inc., 407 E 18th
(End of New York City)

SCHENECTADY—Case, Levi & Co.
SYRACUSE—Burhans & Black (Inc.)
TROY—Warren J. M. & Co.
UTICA—Millar Chas. & Son Co.
WATERTOWN—Hunting Co.

OHIO.

AKRON—Kasch Roofing Co.
CINCINNATI—Cincinnati Stamping Co., 24 W McMicken av
EDWARDS MFG. CO., 545-565 Eggleston av *See adv index at end of book*
Huenefeld Co.
Lawson F. H. Co.
McDonald Jas. & Sons Co.
Porter Iron Roofing & Corrugating Co., 522 Culvert
Robertson W. F. Steel & Iron Co. (Sheet Iron & Steel, Tin & Terne Plates, etc), Elm & Commerce
Scott Roofing & Mfg. Co., 408 Culvert
CLEVELAND—Bingham W. Co., 1272 W 9th
Lockwood-Luetkemeyer-Henry Co., 725 Superior av N W
Osborn J. M. & L. A. Co.
Worthington Geo. Co., 802-832 St. Clair av N W
COLUMBUS—Mithoff H. & Co., 284 S High
Schoedinger F. O., 142 N 3d
DAYTON—Ach, Abraham & Son
Hartman-Franz Co.
FOREST—Dickelman Mfg. Co.
IRONTON—Ironton Roofing & Corrugating Co.
LISBON—Armstrong P. M. & Co.
MANSFIELD—Blymer Bros. Co.
TIFFIN—Tiffin Art Metal Co., 20 Broad
TOLEDO—Bostwick-Braun Co.
Stollberg Hardware & Paint Co.

OREGON.

PORTLAND—Failing, McCalman Co., 88 Front
Pacific Metal Works

PENNSYLVANIA.

ALLENTOWN—Young M. S. & Co.
LANCASTER—Sheet Metal & Supply Co.
Steinman Hardware Co.
NEW CASTLE—Smith-Hutton & Kirk Co.
PHILADELPHIA—Baily R. M. & Co., Commercial Trust bldg
Berger Bros. Co. (Also Tinners' Tools & Supplies), 229 Arch
Berger L. D. Co., 59 N 2d
Carter, Donlevy & Co., 1012 Cherry
Gummey, McFarland & Co., 147 N 10th
Hall & Carpenter, 518 Race
Jolley J. H. & Co., 42 N 5th
Knoedler Fred J., 68 N 2d
Lukens Thos. F., Metal Co., 238 N 4th
McCalla Harold Co., 446 Fairmount av
McInnes Charles E. & Co., Mar. & Mer. bldg
Marshall Bros. & Co., Front & Girard av
Merchant & Evans Co., 2035 Washington av. *See adv index at end of book*
Porter C. B. Co., 128 N 2d, Phila., Pa.
Potts W. F. Son & Co., 1224 Cherry
Riter Bros. & Co., 1022 Race
Stelwagon Mfg. Co., 19th & Washington
PITTSBURGH—Bindley Hardware & Mfg. Co.
Demmler Bros. Co., 100 Ross
Follansbee Bros. Co.
McClure Johnston & Co., 1143 Liberty av
O'Connor J. J. & Co. (Dealers), 1st Nat Bank bldg
READING—Bard Hardware Co.
Stichter Hardware Co. (Ltd.)
WILKES-BARRE—Bertels W. B. & Son Co., Inc.
Eastern Penna. Supply Co.
WILLIAMSPORT—Kline & Co.
YORK—Small P. A. & S. Co.
York Corrugating Co.

RHODE ISLAND.

PROVIDENCE—Congdon & Carpenter Co., 155 Canal

SOUTH CAROLINA.

CHARLESTON—Shepherd Supply Co.

TENNESSEE.

CHATTANOOGA—Chattanooga Roofing & Foundry Co.
Magill Hardware Co.
MEMPHIS—Pidgeon-Thomas Iron Co.

TEXAS.

AUSTIN—Tips Walter Co.
Webb & Perry
FORT WORTH—Nash Hardware Co.
GALVESTON—Parr Wm. & Co.
HOUSTON—Girten-Bowman Supply Co.
Heitmann F. W. Co.
Peden Iron & Steel Co.
LAREDO—Deutz A. & Bro.

UTAH.

SALT LAKE CITY — Strevel Paterson Hardware Co.

VERMONT.

BARRE—Phelps N. D. Co.

VIRGINIA.

LYNCHBURG—Barker-Jennings Hdw. Co.
Handy N. B. Co.
NORFOLK—Howard John T. Co.
RICHMOND—Baldwin & Brown, 1557 E Main
Gordon Metal Co., 14th & Dock
Lindsay J. L. (Inc.), 1321 E Main
Southern Railway Supply Co., 1323 E Main

WEST VIRGINIA.

WHEELING — Whitaker-Glessner Co. (Wheeling Corrugating Dept.)

WISCONSIN.

MILWAUKEE—Frankfurth Wm. Hdw. Co., 119 W Water
Milwaukee Corrugating Co.
Pritzlaff Jno. Hardware Co., 51 W Water
SHEBOYGAN—Geele F. Hardware Co.

15614— Tin Salts

THE HARSHAW FULLER & GOODWIN COMPANY

CLEVELAND NEW YORK PHILADELPHIA

Thomsen Chemical Co., Munsey bldg, Baltimore, Md.

15614a— *Tin (Taggers)

MERCHANT & EVANS CO., 2035 Washington av, Phila., Pa.
See adv index at end of book

Tinners' Furnaces

See Furnaces, Gasoline Blast

15614b—Tinners' Supplies, Etc.

See also Index of Contents for Specific Article Wanted. If Not Found, Write Us.

GLOKNER & BLUE CO., 2474 3d av, New York

15614c— *Tinners' Tools & Machinery

Schoedinger F. O., 142 N 3d, Columbus, O.

15615— Tinners' Trimmings

Central Stamping Co., 174 Fulton, New York
GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis. *See adv index at end of book*
Hero Mfg. Co., Gaul & Adams, Phila., Pa.
Merchant & Evans Co., 2035 Washington av, Phila., Pa.
See adv index at end of book
Vogel Wm. & Bros., 37 S 9th, Brooklyn, N. Y.
Wire Novelty Mfg. Co., West Haven, Conn.

15616—Tinning Sheets (Copper)

Taunton-New Bedford Copper Co., Taunton, Mass.

15617— Tinning Sheets (Yellow Metal)

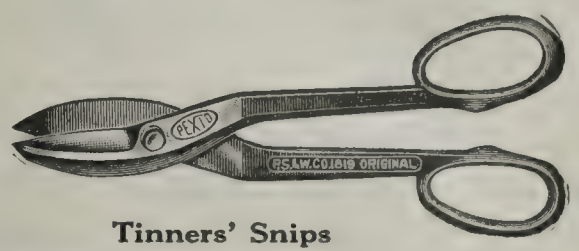
Taunton-New Bedford Copper Co., Taunton, Mass.

15618—Tinning & Japanning

American Foundry & Mfg. Co. (Japanning), Frederick, Md.
American Tube & Stamping Co., Bridgeport, Conn.
Bird Japanning Co., Boston, Mass.
Buffalo Galvanizing & Tinning Works, (Tinning Only), 49 Jackson, Buffalo, N. Y.
Buhl Stamping Co., Detroit, Mich.
Cassady, Fairbank Mfg. Co. (Tinning Only), 6126 S Lasalle, Chicago, Ill.
Cattie Bros. Co. (Tinning), 1706 N Howard, Phila., Pa.
Cheney S. & Son (Japanning), Manlius, N. Y.
Chicago Hardware Foundry Co. (Japanning), N Chicago, Ill.
Cincinnati Stamping Co., 24 W McMicken av, Cincinnati, O.
Cleveland Galvanizing Works Co. (Tinning Only), 3924 Cooper av, Cleveland, O.
Colebrookdale Iron Co., Pottstown, Pa.
Detroit Valve & Fittings & Detroit Brass Works (Japanning Only), Wyandotte, Mich.
Devlin Thos. Mfg. Co., 3d & Lehigh av, Phila., Pa.
Doering C. & Son (Tinplating Only), 1375 W Lake, Chicago, Ill.
Dover Stamping & Mfg. Co., Cambridge, Mass.
Elbel Co., Canton, O.
Frazer & Jones Co., Syracuse, N. Y.
GEUDER, PAESCHKE & FREY CO. (Japanning, All Colors), Milwaukee, Wis. *See adv index at end of book*
Globe Machine & Stamping Co. (Japanning Only,) 1250 W 76th, Cleveland, Ohio
Grabler Mfg. Co., Cleveland, O.
Hassall John (Inc.) (Tinning), Clay & Oakland, Brooklyn, N. Y.
See adv index at end of book
Highton Wm. & Sons Co. (Japanning Only), Nashua, N. H.
Hopson & Chapin Mfg. Co. (Japanning Only), New London, Conn.
Igoe Bros. (Tinning Only), 69 Metropolitan av, Brooklyn, N. Y.
Illinois Malleable Iron Co. (Tinning Only), 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
Impervious Metal Corp'n (Japanning Only), 421 Wood, Pittsburgh, Pa.
Lefferts Galvanizing Works (Tinning Only), 508 E 20th, New York
Malleable Iron Fittings Co., Branford, Conn.
Morgan Costruction Co. (Tinning), Worcester, Mass.
North Buffalo Hardware Foundry Co. (Japanning Only), 743 Hertel av, Buffalo, N. Y.
Ohio Foundry Co. (Japanning Only), E 71st & Stanton, Cleveland, O.
Parkesburg Stamping & Mfg. Co. (Tin Plating on Iron), Parkesburg, Pa.
Phila. Hardware & Malleable Iron Works (Inc.), 9th & Jeff'n Phila., Pa.
Racine Malleable & Wrought Iron Co., Racine, Wis.
Rattan Mfg. Co., New Haven, Conn.
Rockford Metal Specialty Co., Rockford, Ill.
Rudman C., 57 Fulton, New York
Sanitary Tinning Mfg. Co., 3781 E 93d, Cleveland, O.
Schatz Mfg. Co. (Japanning Only), Poughkeepsie, N. Y.
Sessions J. H. & Son, Bristol, Conn.
Stirrup Mfg. Co. (Japanning), 257 Greenwich, New York
Two Rivers Plating Works, Two Rivers, Wis.
Vail Galvanizing Plant (Tinning), 211 Commercial, Boston, Mass.
Vogel Wm. & Bros. (Japanning Only), 37 S 9th, Brooklyn, N. Y.
White Mountain Freezer Co. (Tinning & Galvanizing), Nashua, N. H.
Wilcox, Crittenden & Co. (Tinning of Castings of All Kinds), Middletown, Conn.
Wrightsville Hardware Co., Wrightsville, Pa.

15618a— Tinners' Snips

PEXTO
"1819 Original"



Tinners' Snips
THE PECK STOW & WILCOX COMPANY
SOUTHINGTON, CONN.

15619— Tintometers

Eimer & Amend, 205 3d av, New York

15620— Tinware Mfrs.

See also Enameled Ware Mfrs.; also Aluminum Hollow Ware; also Stamping, Various Kinds

Aldrich Mfg. Co. ("Aldrich," "Buffalo"), Buffalo, N. Y.
AMERICAN CAN CO., 120 B'way, New York *See adv index at end of book*
Baltimore Stamping & Enameling Co., 909 E Pratt, Baltimore, Md.
Bingham J. F. Mfg. Co., Lawrence, Mass.
Central Stamping Co. ("Puritan"), 174 Fulton, New York
Chicago Tin Co., 2005 S State, Chicago, Ill.
Cincinnati Stamping Co., 24 W McMicken av, Cincinnati, O.
Coonley Mfg. Co. ("Roco Brand," "Clyde Brand"), Cicero, Ill.
Elliott Mfg. Co., Warren, Ill.
Empire Tin Ware Co., 29 So 5th, Bklyn, N. Y.
Federal Enameling & Stamping Co., Thompson & Chartiers, Pittsburgh, Pa.
Geisel A. Mfg. Co., 219 S 2d, St. Louis, Mo.
Gem Stamped Steel Co., Chelsea, Mass.
GEUDER, PAESCHKE & FREY CO., (Complete Line), Milwaukee, Wis.
See adv index at end of book
Gille Mfg. Co., 1423 W 9th, Kansas City, Mo.
Haslet, Flanagen & Co. (Bright), 116 N 2d, Phila., Pa.
Kraft A. C. (Druggists & Painters), 323 W Lake, Chicago, Ill.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Lawrence-Bostwick Mfg. Co. (Ltd.), Phelps, N. Y.
Lisk Mfg. Co. (Ltd.) ("Lisk" Anti Rust), Canandaigua, N. Y.
McAleer E. J. & Co., 1422 N 8th, Phila., Pa.
McLaughlin Co., Inc., Brockport, N. Y.
National Enameling & Stamping Co., 411 5th av, New York
Nichthauser & Levy, 252 Java, Brooklyn, N. Y.
Ohio Enamel Co., 1016 B'way, Cleveland, O.
Peoria Can Co., Peoria, Ill.
Porter C. B. Co., 128 N 2d, Phila., Pa.
Republic Metalware Co., The, Buffalo, N. Y.
Richardson Mfg. Co. ("Perfection"), Bath, N. Y.
Rochester Can Co. (Dairy Pails, etc), Rochester, N. Y.
Rudman C. (Ship), 57 Fulton, New York
St. Louis Metalware Co., 2507 N B'way, St. Louis, Mo.
Schaffer Tinware Mfg. Co., 76 Sedgwick, Brooklyn, N. Y.
Schlesinger Leo & Co., 66 Wooster, New York
Schlueter Mfg. Co. ("Imperial"), Bway & John av, St. Louis, Mo.

TINWARE MFRS.—continued
Standard Stamping Co., B'way & Chambers, St. Louis, Mo.
Stratton & Terstegge Co., 15th & Main, Louisville, Ky.
Sullivan-Geiger Co. (Round Miners'), Indianapolis, Ind.
Thretaway Bros., Parsons, Pa.
Townley Metal & Hardware Co., 2d S W cor Walnut, Kansas City, Mo.
Troy Stamping Works, Troy, N. Y.
Western Tin & Japan Mfg. Co. (Japanned & Stamped), 1013 Walnut, Cincinnati, Ohio

Tipples (Coal)

See Tipples, Mine

15621— Tipples (Mine)

ALLIS-CHALMERS MFG. CO. (Steel), Milwaukee, Wis.
See adv index at end of book
American Bridge Co. (Coal), 30 Church, New York
BARTLETT C. O. & SNOW CO., (Coal), French st, Cleveland, O.
See adv index at end of book
Decatur Bridge Co., Decatur, Ill.
Fairbanks, Morse & Co. (Designers & Builders of Coal Tipples & Pockets), 900 S Wabash av, Chicago, Ill.
Fairmont Mining Machinery Co. (Steel & Wood), Fairmont, W. Va.
Farris Bridge Co. (Steel, Coal), Charleston, W. Va.
Helmick Fdry. & Mach. Co., Fairmont, W. Va.
Heyl & Patterson (Coal, Steel), 51 Water, Pittsburgh, Pa.
Kanawha Mfg. Co., Charleston, W. Va.
LINK-BELT CO. (Steel or Wood for Coal, etc), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa. *See adv index at end of book*
McClintic-Marshall Company (Steel), Oliver bldg, Pittsburgh, Pa.
Mineral Ridge Mfg. Co., Mineral Ridge, O.
Minneapolis Steel & Machinery Co. (Steel), 29th & Drexel, Minneapolis, Minn.
Morrow Mfg. Co. (Steel), Wellston. O.
Nashville Bridge Co., Nashville, Tenn.
Niles Mine & Mill Supply Co. (Steel, Coal), Cleveland, O.
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Ottumwa Box Car Loader Co. (Steel Tipples & Shaker Screens), Ottumwa, Ia.
Penn. Bridge Co. (Steel, Coal), Beaver Falls, Pa.
Phillips Mine & Mill Supply Co., 2227 Jane, Pittsburgh, Pa.
Pittsburgh Coal Washer Co. (Coal). Fulton bldg, Pittsburgh, Pa.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Roberts & Schaefer Co. (Engineers & Contractors), 332 S Michigan av, Chicago, Ill.
Sanford-Day Iron Works. Knoxville, Tenn.
SCAIFE WM. B. & SONS CO. (Steel), First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Scottdale Mach. & Mfg. Co., Scottdale, Pa.
Union Engineering Co., Cuyahoga & W 4th, Cleveland, O.
United Iron Works Co., Kansas City, Mo.
Virginia Bridge & Iron Co. (Steel, Coal), Roanoke, Va.
Webster Mfg. Co., Tiffin, O.
Wellman-Seaver-Morgan Co. (Steel), Cleveland, O.
What Cheer Tool Co. ("Walker" Revolving), What Cheer, Ia.
Wisconsin Bridge & Iron Co. (Steel), North Milwaukee, Wis.

15622—Tips (Chair & Crutch, Rubber)

Bailey C. J. & Co. ("Wont Slip"), 22 Boylston, Boston, Mass.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Continental Rubber Works, Erie, Pa.
Elastic Tip Co. ("Stetson"), 370 Atlantic av, Boston, Mass.
Faultless Rubber Co. (Crutch Only), Ashland, O.
Foster Rubber Co., 105 Federal, Boston, Mass.
Goodrich B. F. Co., Akron, O.
Laurel Co. (Rubber Gas Tubing Tips), Garfield, N. J.
Mechanical Rubber Co., Cleveland. O.
National India Rubber Co., Bristol, R. I.
New York Belting & Packing Co., 91 Chambers, New York
Quaker City Rubber Co., 629 Market, Phila., Pa.

15623—Tips (Chair & Crutch, Wool)

Heron Mfg. Co. ("Heron"), Utica, N. Y.
Schatz Mfg. Co. (Felt), Poughkeepsie, N. Y.

15624—Tips (Electric Cord)

Belden Mfg. Co., 2316 S Western av, Chicago, Ill.
Central Machine & Supplies Co., 148 Chambers, New York
Harward Electric Co., 525 W Van Buren, Chicago, Ill.
McEvoy, Chas. H., Lowell, Mass.
National-Acme Mfg. Co., 2500 Stanton av, S E, Cleveland, O.
Rome Wire Co., Rome, N. Y.
Runzel-Lenz Electric Mfg. Co., 1751 N Western av, Chicago, Ill.

15624a— *Tips (Flagstick)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

15625— Tips (Gas Burner)

American Lava Co. (Lava), Chattanooga, Tenn. *See adv index at end of book*
Colonial Mfg. Co. (Lava), Chattanooga, Tenn.
Crescent Burner Mfg. Co., 116 E 27th, New York
General Ceramics Co. (Incandescent), 50 Church, New York
Kirchbérger M. & Co. (Importers, Lava), 116 E 27th, New York
Tennessee Burner Mfg. Co., Chattanooga, Tenn.
Thurnauer G. M. Co. (Importers, Lava), 6 E 20th, New York

15626—Tips (Gas Tubing, Rubber)

Boston Woven Hose & Rubber Co., Cambridge, Mass.
Empire Tire & Rubber Corp., East Trenton, N. J.
Laurel Co., Garfield, N. J.

15627— Tips (Hame)

Frazer & Jones Co. ("Globe," "Eastern"), Syracuse, N. Y.

15628— Tips (Mine Car)

Grant Iron Works ("Wren's"), Mahanoy City, Pa.
Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
Sanford-Day Iron Works, Knoxville, Tenn.

15629— Tips (Neck Yoke)

Searls Mfg. Co., 29 Mulberry, Newark, N. J.

15630—Tips or Caps (Railway)

Western Brass Mfg. Works, Marshall blvd & W 21st, Chicago, Ill.

15631— Tips (Screw)

Elastic Tip Co. (Slotted Rubber Head), 370 Atlantic av, Boston, Mass.
National India Rubber Co., Bristol, R. I.
Tyer Rubber Co. (Rubber), Andover, Mass.

15632— Tips (Shaft)

Covert Saddlery Works (Pole), Interlaken, N. Y.
Cowles C. & Co., New Haven, Conn.
Crandal, Stone & Co., Division The Brewer-Titchener Corp., Binghamton, N. Y.
Oakes Co. The, Indianapolis, Ind.
Searls Mfg. Co. ("Passaic," etc), 29 Mulberry, Newark, N. J.
Waterbury Mfg. Co. (Pole), Waterbury, Conn.
Woodruff W. W. & Sons Co., Mt. Carmel, Conn.

15633— Tips (Whiffletree)

Searls Mfg. Co., 29 Mulberry, Newark, N. J.

15634—Tire (Channel & Cushion)

Carnegie Steel Co. (Open Hearth Steel), Carnegie bldg, Pittsburgh, Pa.

15635— Tire Coolers

Gogel Mfg. Co., Toledo, O.
Kane & Roach, Syracuse, N. Y.
Palm Louis F. Co., Defiance, O.
Wolfe Matt, W. Carrollton, O.

15636— Tire Fabrics

American Tire Fabric Co., 120 B'way, New York
Bay State Cotton Corp., 60 Federal, Boston, Mass.
Bibb Mfg. Co., Macon, Ga.
Briggs Mfg. Co., Voluntown, Conn.
Brighton Mills, Passaic, N. J.
Goodyear Cotton Mills, Killingly, Conn.
Gordon J. P. Co., Columbus, O.
Grimond J. & A. D. (Ltd.) (H. N. Gildea, Agent), 320 B'way, New York
International Cotton Mills, 60 Federal, Boston, Mass.
Jenckes Spinning Co., Pawtucket, R. I.
Manhasset Mfg. Co., Putnam, Conn.
Marlboro Cotton Mills, McColl, S. C.
Meyer John H. & Co. Inc., 50 Union Sq, New York
Passaic Cotton Mills, 120 B'way, New York
West Boylston Mfg. Co., Easthampton, Mass.
Worcester Tire Fabric Co., Worcester, Mass.

15637— Tire Fluid

Buffalo Specialty Co. ("Neverleak" & "Holdfast" Liquid Shellac Cement for Bicycles), 375 Ellicott, Buffalo, N. Y.

15638—Tire Preserver (Automobile)

Alcemo Mfg. Co. ("Kor-Ker"), 35 Bridge, Newark, N. J.
Rubberset Co. ("Rubberset" & Liquid Rubber Compound), 56 Ferry, Newark, N. J.

15639— Tire Removers

Common Sense Tire Removers Co., Dowagiac, Mich.

15640—*Tire Repair Kits or Equipments

BIGGS BOILER WORKS CO., Case av & Williams st, Akron, O.
See adv index at end of book

15640a— *Tire Repair Vulcanizing Equipment

WILLIAMS FOUNDRY & MACHINE CO. ("Akron-Williams"), Akron, O.
See adv index at end of book

Tires (Automobile)

See Tires, Various Kinds

15641—Tires (Baby Carriage)

Acme Rubber Mfg. Co., Trenton, N. J.
Anderson Rubber Works, Anderson, Ind.
Boston Woven Hose & Rubber Co. ("Bull Dog"), Cambridge, Mass.
B. & R. Rubber Co., N. Brookfield, Mass.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Continental Rubber Works, Erie, Pa.
Empire Tire & Rubber Corp., East Trenton, N. J.
Federal Rubber Co. The, Cudahy, Wis.
Fisk Rubber Co., Chicopee Falls, Mass.
Goodrich B. F. Co., Akron, O.
Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.
National India Rubber Co., Bristol, R. I.
Pennsylvania Rubber Co., Jeannette, Pa.

15642—Tires (Cushioned, Cellular, Etc.)

Acme Rubber Mfg. Co., Trenton, N. J.
Bailey C. J. & Co. ("Bailey Won't Slip"), 22 Boylston, Boston, Mass.
Canvass Thread Tire Co., Utica, N. Y.
Cleveland Puncture Proof Tire Co. ("Cleveland"), Columbus, O.
Dayton Rubber Mfg. Co. ("Dayton" Airless), Dayton, O.
Firestone Tire & Rubber Co., Akron, O.
Overman Cushion Tire Co., 250 W 54th, New York
Swinehart Tire & Rubber Co., Akron, O.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

15643—Tires for Crushing Machinery

Standard Steel Works Co. ("Standard" Solid Weldless), Morris bldg, Phila., Pa.

15644— Tires (Motor Cycle)

Empire Tire & Rubber Corp., East Trenton, N. J.
Firestone Tire & Rubber Co. ("Firestone"), Akron, Ohio
Goodrich B. F. Co. ("Diamond," "Goodrich"), Akron, O.
Goodyear Tire & Rubber Co., Akron, O.
G. & J. Tire Co., Indianapolis, Ind.
Kokomo Rubber Co. ("Dazzler"), Kokomo, Ind.
Mansfield Tire & Rubber Co. ("Mansfield"), Mansfield, O.
Pennsylvania Rubber Co., Jeannette, Pa.
U. S. Tire Co., B'way & 58th, New York

15645—Tires (Motor Truck, Solid Rubber)

Firestone Tire & Rubber Co. ("Firestone"), Akron, Ohio
Gibney Tire & Rubber Co., Conshohocken, Pa.
Goodrich B. F. Co., Akron, O.
Pennsylvania Rubber Co., Jeannette, Pa.
Polack Tyre & Rubber Co., 1876 B'way, New York
United States Tire Co., B'way & 58th, New York

15646—Tires (Pneumatic, Double Tube)

Anderson Rubber Works, Anderson, Ind.
BeSaw Tire & Rubber Co. ("Quality"), Hartville, O.
Braender Rubber & Tire Co., Rutherford, N. J.
Columb Tyres, Import Co. (Imp.), 1 Madison av, New York
Continental Rubber Works ("Vitalic"), Erie, Pa.
Dreadnought Tire & Rubber Co. ("Dreadnought"), Orangeville, Baltimore, Md.
Empire Tire & Rubber Corp., East Trenton, N. J.
Federal Rubber Co. The (Rugged Tread), Cudahy, Wis.
Fellsen Tire Co. ("Fellsen"), 1995 B'way, New York
Firestone Tire & Rubber Co., Akron, O.
Fisk Rubber Co., Chicopee Falls, Mass.
G. & J. Tire Co. ("G. & J.," "Dunlop"), Indianapolis, Ind.
Globe Rubber Tire Mfg. Co. ("Globe"), Trenton, N. J.
Goodrich B. F. Co. ("Goodrich"), Akron, O.
Goodyear Tire & Rubber Co. ("No-Rim-Cut"), Akron, O.
Great Eastern Rubber Co. ("Crown" "Premier"), Allentown, Pa.
H. H. H. Tire & Mfg. Co. ("H. H. H."), 263 Halsey, Newark, N. J.
Hartford Rubber Works Co. ("Hartford," "Won't Slip," "Dunlop's Detachable"), Hartford, Conn.
Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.
Johnstown Rubber Co. ("J. R. C."), Johnstown, Pa.
Kokomo Rubber Co., Kokomo, Ind.
Koochook Rubbebr Co. ("Koochook"), 1120 Pine, St. Louis, Mo.
League Tire Co. ("Leagues"), South Bend, Ind.
L. & M. Rubber Co. ("Buckskin"), Carrollton, Ohio
Mansfield Tire & Rubber Co. ("Mansfield" & "Ohio"), Mansfield, O.
Mesinger H. & F. Mfg. Co. (Leather), Austin pl & 144th, New York
Michelin Tire Co. (Quick Detachable Clincher, Ordinary Clincher. & Anti Skid Types), Milltown, N. J.
Miller Rubber Co. ("Miller"), Akron, Ohio
Mohawk Rubber Co., Akron, O.
Pennsylvania Rubber Co. ("Pennsylvania," "Vacuum Cup"), Jeannette, Pa.
Pharis Tire & Rubber Co., Newark, O.
Quaker City Rubber Co. ("Quaker"), 629 Market, Phila., Pa.
Rutherford Rubber Co. ("Sterling"), Rutherford, N. J.
Standard Tire & Rubber Co. ("Standard"), 104 Portland, Boston, Mass.
Stoddard Rubber Co., 120 Commercial, Worcester. Mass.

15647—Tires (Pneumatic, Single Tube)

Anderson Rubber Works, Anderson, Ind.
Braender Rubber & Tire Co., Rutherford, N. J.
Continental Rubber Works ("Vitalic"), Erie, Pa.
Federal Rubber Co. The, Cudahy, Wis.
Fisk Rubber Co., Chicopee Falls, Mass.
Goodrich B. F. Co. ("Goodrich"), Akron, Ohio.
Goodyear Tire & Rubber Co., Akron, O.
Hartford Rubber Works Co., Hartford, Conn.
Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.
Lee Tire & Rubber Co., Conshohocken, Pa.
Michelin Tire Co. (Clincher, Quick Detachable & Anti-Skid Types), Milltown, N. J.
Pennsylvania Rubber Co., Jeannette, Pa.

15648— Tires (Rubber)

Acme Rubber Mfg. Co. (Automobile, Carriage), Trenton, N. J.
Ajax Rubber Co. ("Ajax"), 1796 B'way, New York
American Tire & Rubber Co., Akron, Ohio
Anderson Rubber Works, Anderson, Ind.
Batavia Rubber Co., Batavia, N. Y.
BeSaw Tire & Rubber Co., Hartville, O.
Bourn Rubber Co., 58 Warren, Providence, R. I.
Bucyrus Rubber Co., Bucyrus, Ohio
Century Plainfield Tire Co. ("Century"), North av, Plainfield, N. J.
Columbia Tire & Rubber Co., Columbus, Ohio
Consolidated Rubber Tire Co. ("Kelly-Springfield," Solid Vehicle), 229 W 57th, New York
Continental Rubber Works ("Vitalic"), Erie, Pa.
Converse Rubber Shoe Co., Malden, Mass.
Dayton Rubber Mfg. Co., Dayton, O.
Ehman Tire & Rubber Co., La Salle & 27th, Chicago, Ill.
Empire Tire & Rubber Corp. (Pneumatic Double Tube), East Trenton, N. J.
Endurance Tire & Rubber Co., New Brunswick, N. J.
Falls Rubber Co. ("Fells Neverslip"), Cuyahoga Falls, O.
Federal Rubber Co. The (Auto, Baby Carriage, etc), Cudahy, Wis.
Firestone Tire & Rubber Co. ("Firestone"), Akron, O.
Fisk Rubber Co. ("Fisk," Mechanically Fastened), Chicopee Falls, Mass.
Foster Rubber Co. (Non-Sliding), 105 Federal, Boston, Mass.
General Tire & Rubber Co. ("General"), Akron, O.
G. & J. Tire Co. ("G. & J."), Indianapolis, Ind.
Goodrich B. F. Co. (Automobile, Regular Clincher & Quick Detachable, Straight Bead), Akron, O.
Goodyear Rubber Co. (Automobile Only), 539 Mission, San Francisco, Cal.
See adv index at end of book
Goodyear Tire & Rubber Co. ("Red Seal," Carriage, Automobile, Truck, Motorcycle & Bicycle), Akron, O.
Gordon Tire & Rubber Co., Canton, Ohio
Hamilton Rubber Co., Trenton, N. J.
Hardman Tire & Rubber Co., 207 W 76th, New York
Hartford Rubber Works Co. ("Hartford" Pneumatic & Solid Vehicle), Hartford, Conn.
Hendrie W. C. Rubber Co., Torrance, Cal.
Hewitt Rubber Co., Inc., Buffalo, N. Y.
Hood Tire Co. Inc., Watertown, Mass.
Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.
Knight Tire & Rubber Co., Canton, O.
Kokomo Rubber Co. (Bicycle & Vehicle), Kokomo, Ind.
Lee Tire & Rubber Co. ("Lee" Motor Trucks & Pleasure Cars; also Puncture Proof Pneumatic), Conshohocken, Pa.
McGraw Tire & Rubber Co. ("Imperial"), East Palestine, O.
McLean Tire & Rubber Co., East Liverpool, Ohio
McNaull Tire Co. ("McNaull"), Ohio bldg, Toledo, Ohio
Mansfield Tire & Rubber Co. ("Mansfield" & "Ohio"), Mansfield, O.
Marathon Tire & Rubber Co. ("Marathon"), Cuyahoga Falls, Ohio
Marion Tire & Rubber Co., Marion, O.
Mason Tire & Rubber Co., Kent, O.
Mattson Rubber Co., Lodi, N. J.
Michelin Tire Co. ("Michelin" Quick Detachable Clincher, Ordinary Clincher & Anti-Skid Types), Milltown, N. J.
Miller Chas. E. ("Miller's"), Anderson, Ind.
Miller Rubber Co. ("Miller"), Akron, Ohio
Morgan & Wright ("Morgan" & "Wright" Automobile, etc.), Detroit, Mich.
National Rubber Co. ("Speedway Redwall," "National" Silk Lined), Pottstown, Pa.
N. Y. Belting & Packing Co. (Truck Wheel), 91 Chambers, New York
Norwalk Tire & Rubber Co. ("Norwalk"), Norwalk, Conn.
O'Neill Tire & Rubber Co., Akron, O.
Pennsylvania Rubber Co. (Automobile, Bicycle, Vehicle, Baby Carriage, etc), Jeannette, Pa.
Pharis Tire & Rubber Co., Newark, O.
Polack Tyre & Rubber Co. ("Polack" Truck Tyres), 1876 B'way, New York
Portage Rubber Co. ("Portage"), Akron, O.
Quaker City Rubber Co. ("Quaker"), 629 Market, Phila., Pa.
Racine Auto Tire Co. ("Racine," Horseshoe), Racine, Wis.
Racine Rubber Co., Racine, Wis.
Republic Rubber Co. ("Republic" Motor Truck), Youngstown, O.
Revere Rubber Co., Chelsea, Mass.
Rubber Products Co. ("Stronghold"), Barberton, Ohio
Savage Tire Co. ("Savage"), San Diego, Cal.
Standard Tire & Rubber Mfg. Co., Hippodrome bldg, Cleveland, O.
Star Rubber Co., Akron, O.
Sterling Tire Co. (Pneumatic), 234 W 55th, New York
Stokes Jos. Rubber Co. (Bicycle, etc), Trenton, N. J.
Strohecker A. J., Reading, Pa.
Swinehart Tire & Rubber Co., Akron, O.
Ten Broeck Tyre Co. ("Ten Broeck"), 26th & Courtney, Louisville, Ky.
Thermoid Rubber Co. (Carriage), Trenton, N. J.
Toledo-Findlay Tire & Rubber Co., Findlay, O.
Tyer Rubber Co., Andover, Mass.
United & Globe Rubber Mfg. Co., Trenton. N. J.
United States Tire Co., B'way & 58th, New York
Victor Rubber Co., Springfield, O.
Vulcan Rubber Co., Erie, Pa.
Wilson Tire & Rubber Co. ("Wilson"), Springfield, Ill.
Zee-Zee Tire & Rubber Co. ("Zee-Zee"), 33rd & Walnut, Phila., Pa.

15649— Tires (Solid)

Acme Rubber Mfg. Co. (Automobile, Carriage), Trenton, N. J.
Ajax Rubber Co., 1796 B'way, New York
American Tire & Rubber Co., Akron, O.
Batavia Rubber Co., Batavia, N. Y.
Braender Rubber & Tire Co., Rutherford, N. J.
Columb Tyres Import Co. ("Prowodnik"), 1 Madison av, New York
Consolidated Rubber Tire Co. ("Kelly-Springfield"), 229 W 57th, New York

TIRES (SOLID)—continued

Federal Rubber Co. The, Cudahy, Wis.
Firestone Tire & Rubber Co., Akron, O.
Fisk Rubber Co., Chicopee Falls, Mass.
Gibney Tire & Rubber Co., 215 N Broad, Phila., Pa.
Goodrich B. F. Co. ("Wireless" Solid Rubber Vehicle), Akron, O.
Goodyear Tire & Rubber Co., Akron, O.
Hartford Rubber Works Co., Hartford, Conn.
India Rubber Tire Co., 1512 S Michigan av, Chicago, Ill.
Kelly-Springfield Tire Co. (Sectional), B'way & 57th, New York
Longdin Brugger Co., Fond du Lac, Wis.
McGraw Tire & Rubber Co., East Palestine, O.
Meeker Mfg. Co., Dayton, O.
Morgan & Wright, Hartford, Mich.
Pennsylvania Rubber Co. of N. Y. (Metal-Base Truck), 1889 B'way, New York
Polack Tyre & Rubber Co. ("Polack" Truck), 1876 B'way, New York
Portage Rubber Co. ("Portage" Rubber Block Truck), Akron, O.
Republic Rubber Co., Youngstown, O.
Swinehart Tire & Rubber Co. ("Swinehart"), Akron, O.
Victor Rubber Co. ("Victor"), Springfield, Ohio
Vulcan Rubber Co. ("Vulco"), Erie, Pa.
Wilson Tire & Rubber Co. ("Wilson"), Springfield, Ill.
Xenia Rubber Mfg. Co., Xenia, Ohio

15650— Tires (Steel)

Chester Steel Castings Co., Chester, Pa.
Fort Wayne Rolling Mill Corp. (Baby Carriages & Wagon), Fort Wayne, Ind.
Illinois Steel Co., 208 S La Salle, Chicago, Ill.
Interstate Iron & Steel Co., 1st Nat. Bank bldg, Chicago, Ill.
Jones & Laughlin Steel Co. (Round, Square, Channel, Carriage & Wagon), Ross, Pittsburgh, Pa.
Midvale Steel & Ordnance Co. (Car & Locomotive Wheel), Widener bldg, Phila., Pa.
Prosser Thos. & Son ("The Krupp"), 15 Gold, New York
Railway Steel Spring Co., 30 Church, New York
Republic Iron & Steel Co. (Half Oval, etc), Youngstown, O.
Standard Steel Works Co. (Car & Locomotive), Morris bldg, Phila., Pa.

15651— Titanium

Drakenfeld B. F. & Co. (Oxide) (Dealers), 50 Murray, New York
Foote Mineral Co. (Imp. Ores), 107 No 19th, Phila., Pa.
METAL & THERMIT CORP., 120 B'way, New York *See adv index at end of book*
Titanium Alloy Mfg. Co., Niagara Falls, N. Y.

15652—Titanium Potassium Oxalate

Katzenbach & Bullock Co., 100 William, New York

15653— Toasters

Acme Electric Heater Co., 235 Mt. Elliott av, Detroit, Mich.
American Electrical Heater Co. (Electric), Detroit, Mich.
Andrews Wire & Iron Works ("Androck" Bread), Rockford, Ill.
Catawissa Specialty Mfg. Co. (Bread), Catawissa, Pa.
Crane Wm. M. Co. ("Crane's" Collapsible), 16 W 32d, New York
CUTLER-HAMMER MFG. CO. (Electric), 12th & St. Paul av, Milwaukee, Wis. *See adv index at end of book*
Detroit Foundry Co., Detroit, Mich.
Diamond Electric Co. ("Delco," Electric), Binghamton, N. Y.
Eclipse Gas Stove Co. ("Eclipse" Gas), Rockford, Ill.
Edison Electric Appliance Co., Inc. (Hotpoint Div.), ("El Toasto" Electric), 5600 W Taylor, Chicago, Ill.
Fox Electrical Corpn., 119 W 42nd, New York
Hamblin & Russell Mfg. Co. (Wire), Worcester, Mass.
Hoskins Mfg. Co. (Electric), 453 Lawton, Detroit, Mich.
Kinne Mfg. Co. ("Perfection"), 1401 Central av, Minneapolis, Minn.
Knowlson A. T. Co. ("Apex" Bread, for Gas Stoves), 99 Congress, Detroit, Mich.
Landers, Frary & Clark ("Thermax" Electric), New Britain, Conn.
Lindstrom, Smith Co. ("White Cross" Electric), 1104 S Wabash av, Chicago, Ill.
Manhattan Electrical Supply Co. (Electric), 17 Park pl, New York *See adv index at end of book*
Millar R. M., Electric Works ("Crown" Electric), 9 S Clinton, Chicago, Ill.
Morgan Spring Co. ("Eureka"), Worcester, Mass. *See adv index at end of book*
New Standard Hardware Works (Asbestos), Mt. Joy Pa.
Phelps Mfg. Co. (Cozy," Electric), 265 Jefferson av, Detroit, Mich.
Redtop Electric Co., 8 W 19th, New York
Reliable Stove Co. (Gas Stove, etc., "Reliable"), Cleveland, O.
Rochester Stamping Co. (Electric), Rochester, N. Y.
Roseland Can & Specialty Co. ("Whitehouse" Bread), Rockford, Ill.
Rutenber Electric Co. (Electric), Logansport, Ind.
Silver & Co., 304 Hewes, Brooklyn, N. Y.
Simplex Electric Heating Co. ("Simplex" Electric), Cambridge, Mass.
Sloan Novelty Mfg. Co. ("Sloan" Electric or Fuel), s w cor 20th & Wyandotte, Kansas City, Mo.
Standard Stamping Co. ("Standard" Bread), Marysville, O.
Streeter N. R. & Co. ("Sensible," Opens & Closes), Rochester, N. Y.
Syracuse Stamping Co., Syracuse, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO. (Electric), East Pittsburgh, Pa. *See adv index at end of book*
Willis Charlotte J. (Bread), Ann Arbor, Mich.
Wilson Mfg. Co., Niles, O.
Woods, Sherwood Co. (Wire), Worcester, Mass.

15654—Tobacco Dust & Stems

Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Kentucky Tobacco Product Co., Louisville, Ky.

15655—Tobacco Pouches (Rubber)

Davidson Rubber Co., Boston, Mass.
Davol Rubber Co., 69 Point, Providence, R. I.
Faultless Rubber Co., Ashland, O.
Goodrich B. F. Co., Akron, O.
Seamless Rubber Co., New Haven,, Conn.
Tyer Rubber Co. ("Tyrian"), Andover, Mass.

15656— Toboggan Slides

Giant Mfg. Co. (Playground), Council Bluffs, Ia.
Ingersoll Construction Co., 324 4th av, Pittsburgh, Pa.
Morris E. Joy, 902 Walnut, Phila., Pa.
Phila. Toboggan Co., 130 E Duval, Gtn., Phila., Pa.

15657— Toe-Calks (Steel)

Aetna Nut Co. ("Black Horse"), Southington, Conn.
American Horse Shoe Co. (Toe & Heel Calks), Phillipsburg, N. J.
AMERICAN STEEL & WIRE CO. ("Junita"), 208 S La Salle, Chicago, Ill. *See adv index at end of book*
Burke P. F. (And "Dooley" Toe Calk), Damrell S, Boston, Mass.
Cambria Steel Co., Widener bldg., Phila., Pa.
Christman A. H., Eaton, Ohio.
Franklin Steel Works ("Standard," "Climax," "Sweets"), Joliet, Ill. & Cambridge, Mass.
Ludvigsen Bros. (Welded Center), Jackson, Minn.
Manufacturers Iron & Steel Co. (Never Slip Works), 149 B'way, New York
Phoenix Horse Shoe Co. ("Phoenix Bull Dog" & "Bull Dog"), 209 S La Salle, Chicago, Ill., & Poughkeepsie, N. Y.
Rhode Island Perkins Horse Shoe Co. ("Perkins"), Valley Falls, R. I.
U. S. Horse Shoe Co., Erie, Pa.
Western Automatic Machine Screw Co., Elyria, O.

15658— Toggles

Ankyra Mfg. Co., Wayne Junction, Phila. Pa.
Columbus McKinnon Chain Co., Columbus, O. *See adv index at end of book*
Eberhard Mfg. Co. (Harness), Cleveland, O.
Economy Toggle Co. ("Economy" for Tanners), 21 Storer, Boston, Mass.
Elbel Co. (Harness), Canton, O.
Hamblet & Hayes Co. ("Improved H. H. Patent") (Improved H. & H. for Tanners), 284 Devonshire, Boston, Mass.
North & Judd Mfg. Co. ("Anchor Brand" Harness), New Britain, Conn.
Star Expansion Bolt Co. ("Sebco"), 147 Cedar, New York

15659— *Toggles (Wooden)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

15659a—*Toilet Article Mfrs

THE ARLINGTON WORKS (E. I. du Pont de Nemours & Co.), 21 E. 40th, New York
Loveland Wm. H. Co., Binghamton, N. Y.

15660—Toilet Articles (Celluloid)

Celluloid Co. (Brushes, Combs, Mirrors, Boxes, Rings, Trays, Files, Shoe Hooks & Horns, Thimbles, etc), 36 Washington pl, New York

15660a— *Toilet Sets

See also Manicure Sets

THE ARLINGTON WORKS (E. I. du Pont de Nemours & Co.), 21 E. 40th, New York
SCHIMPER WILLIAM & CO., 322-338 Ferry, Hoboken, N. J. & 33 Union Sq, W, New York

15660b—*Toilet Sets (Cased)

Parkesburg Stamping & Mfg. Co., Parkesburg, Pa.

15661— Tolanite

Philadelphia Clay Co. (Pulverized or Lump), 1316 Commonwealth, Phila., Pa.

15661a— Toluidine

Chemical Co. of America, 28 Platt, New York
National Aniline & Chemical Co. Inc., 21 Burling slip, New York
Transatlantic Chemical Corp., 80 Wall, New York

15662— Toluol

Barrett Co., 17 Battery pl, New York
Bayway Chemical Co., Elizabeth, N. J.
Cambria Steel Co., Widener bldg, Phila., Pa.
Du Pont Chemical Works, 120 Broadway, New York
Semet-Solvay Co., Syracuse, N. Y.
United Gas Improvement Co., Phila., Pa.

15662a—Toluol (Tacovery Plant Constructors)

Wilputte Coke Oven Corp., 469 5th av, New York

15663—Tongs (Auto Chain)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

15664— Tongs (Blacksmiths')

Auer John, Jr., 197 Middleton, Brooklyn, N. Y.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Champion Tool Co. ("Champion" Straight Lip, Bolt. Gad Pick Up), Meadville, Pa.
Evansville Tool Works, Evansville, Ind.
Hay-Budden Mfg. Co., 254 N Henry, Brooklyn, N. Y.
Heller Bros. Co., 879 Mt. Prospect av, Newark, N. J.
Iron City Tool Works, Ltd., 3201 Smallman, Pittsburgh Pa.

Moore Drop Forging Co., Springfield, Mass.
Plumb Fayette R. (Inc.), Tucker & James, Philadelphia, Pa.
Sargent & Co., New Haven, Conn.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Stearns E. C. & Co. ("Stearns," Swivel Jaw), 450 Oneida, Syracuse, N. Y.
Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.
Warren Tool & Forge Co., Warren, O.

15665-6—Tongs (Bridge Builders)

Stanley Rule & Level Co. (Atha Division), New Britain, Conn.

15667— Tongs (Candy)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Hamblin & Russell Mfg. Co. (Wire), Worcester, Mass.

15668— Tongs (Chain)

See also Wrenches, Chain

Bonner Co. ("Victor"), Champaign, Ill.
Kroeschell Bros. Co. ("Ideal"), 440 W Erie, Chicago, Ill.
Robbins, Gamwell & Co. ("Robbins"), Pittsfield, Mass.
Stortz John & Son (Hoisting), 210 Vine, Phila., Pa.
Union Tool Co. ("Hardison," "Kellerman," "Maddress" for Oil & Gas, Well Pipe or Casing), Los Angeles, Cal.

15669— Tongs (Charging)

Brass Founders Supply Co. (For Brass Fdrs.), Hamberg pl, Newark, N. J.

15670— Tongs (Cinder)

Reading Saddle & Mfg. Co., Reading, Pa.

15670a— Tongs (Clinker)

PILLEY FLUE BRUSH CO. (For Steam, Hot Water Heating, etc), 604 S 3rd, St. Louis, Mo.

15671— Tongs (Coal)

Fanner Mfg. Co. ("Arctic"), Cleveland, O.

15672— Tongs (Crucible)

Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.
Auer John, Jr., 197 Middleton, Brooklyn, N. Y.
Barnett Oscar Foundry Co., Irvington, N.J.
Byram & Co., Detroit, Mich.
Dicke Tool Co., Downers Grove, Ill.
Klemm E. R., 1453 Austin av, Chicago, Ill.
New Jersey Foundry & Machine Co. ("Delta"), 89 West, New York
NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.

15673— Tongs (Curbing)

Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.

Tongs (Farriers')

See Tongs, Blacksmiths'

15674— Tongs (Fish)

Estes E. B. & Sons (Wood), 364 5th av, New York. *See adv index at end of book*
Nicol & Co. ("Nicol's"), 218 No. Jefferson, Chicago, Ill.

15675— Tongs (Hog)

Pratt Wm. E. Mfg. Co. ("The Hill"), 35 W Lake, Chicago, Ill.

15676— Tongs (Ice)

American Ice Co., 6th & Arch, Phila., Pa.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Cassady, Fairbank Mfg. Co. (Combination Saw, Pick & Tong), 6126 S La Salle, Chicago, Ill.
Columbus Handle & Tool Co., Columbus, Ind.
Dernell H. F. Co., Athens, N. Y.
Fanner Mfg. Co. ("Arctic," Family), Cleveland, O.
Gifford-Wood Co., Hudson, N. Y.
Gruman Ice Tool Works, Branchville, Conn.
Hopkins W. F., Groton, New York
Louden Machinery Co. (Self Opening), Fairfield, Ia.
Parks & Parks ("Little Giant" for Domestic Use), Troy, N. Y.
Ray Geo. A. Mfg. Co., Buffalo, N. Y.
Reading Saddle & Mfg. Co. (Family), Reading, Pa.
SMITH F. P., WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
SMITH & HEMENWAY CO. INC. ("Red Devil"), 261 B'way, New York, & 130 Coit, Irvington, N. J.
See adv index at end of book
Stortz Jno. & Son, 210 Vine, Phila., Pa.
Streeter N. R. & Co. ("Sensible"), Rochester, N. Y.
Vaughan & Bushnell Mfg. Co. ("Jack Frost," "V. & B."), 2114 Carroll av, Chicago, Ill.

15677—Tongs (Joist or Timber)

Ransome-Leach Co. (For Hoisting Timber, etc. into High Buildings), 115 B'way, New York
Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill. *See adv index at end of book*

15678—*Tongs (Log Skidding)

CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book

15679— Tongs (Machinists')

Barnes Tool Co., New Haven, Conn.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

15680— Tongs (Piano Hammer Shank)

Kraeuter & Co., 583 18th av, Newark, N. J.

15681—Tongs (Pick-up Fire)

Bronx Derrick & Tool Co., 370 Southern Blvd, New York
New York
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Stanley Rule & Level Co (Atha Division), New Britain, Conn.

15682— Tongs (Pipe)

Ashcroft Mfg. Co. ("Brown's"), Adjustable, etc), 119 W 40th, New York
Barnes Tool Co., New Haven, Conn.
Crane Co. (Est. 1855) ("Brown"), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Darling Pump & Mfg. Co. (Ltd), ("Darling"), Williamsport, Pa.
Jarecki Mfg. Co. ("Jarecki" Adjustable), Erie, Pa.
Kroeschell Bros. Co. ("Ideal"), 440 W Erie, Chicago, Ill.
Mueller H. Mfg. Co. ("Mueller" Improved Derrick & Pipe Tongs for Water & Gas Mains), Decatur, Ill.
Oil Well Supply Co. ("Klein" "Lay," "Crumbie," "Robbins"), 215 Water, Pittsburgh, Pa.
Saunders' D. Sons, Yonkers, N. Y.
Union Drop Forge Co. (Parts Only), 358 W Grand av, Chicago, Ill.
Walworth Mfg. Co., Boston, Mass.

15683— Tongs (Rail)

See also Tools, R. R. Track

Auer John Jr. (Heavy), 197 Middleton, Brooklyn, N. Y.
Beall Bros. (Inc.), Alton, Ill.
Evansville Tool Works, Evansville, Ind.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Iron City Tool Works, Ltd., 3201 Smallman, Pittsburgh, Pa.
Stanley Rule & Level Co (Atha Division), New Britain, Conn.
Union Drop Forge Co., 358 W Grand av, Chicago, Ill.
Verona Tool Works, Oliver bldg, Pittsburgh, Pa.
Warren Tool & Forge Co., Warren, O.
Warwood Tool Co., Warwood, Wheeling, W. Va.

15684— Tongs (Rod)

Love M. A. Mfg. Co. ("Never Slip"), Rockford, Ill.

15685— Tongs (Roofing)

Burritt O. W. & Bro., Weedsport, N. Y.
Emrich Phil ("Emrich"), 824 Main, Cincinnati, O.
Foote J. B. Foundry Co., Fredericktown, O.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*
Peck, Stow & Wilcox Co., Southington, Conn.
Pratt Wm. E. Mfg. Co. ("Perfect"), 35 W Lake, Chicago, Ill.
Stortz Jno. & Son, 210 Vine, Phila., Pa.

15686—Tongs (Saw Brazing)

Baldwin, Tuthill & Bolton, Grand Rapids, Mich.

Tongs (Skidding)

See Tools, Logging & Lumbermen's

15687—Tongs (Stone Handling)

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Dobbie Foundry & Machine Co., Niagara Falls, N. Y.
Lincoln Iron Works (For Handling Finished Work), Rutland, Vt.
Sasgen Derrick Co. ("Sasgen"), 3101 W Grand av, Chicago, Ill.
See adv index at end of book

15688— Tongs (Stump)

Ransome-Leach Co., 115 B'way, New York

15689— Tongs (Tanners')

Emrich Phil., 824 Main, Cincinnati, O.
Horn Wm. H. & Bro. ("Diamond," "Crown"), 451 N 3d, Phila., Pa.

15690-1—Tongs (Vegetable, Etc.)

Hamblin & Russell Mfg. Co. ("Helping Hand" Wire), Worcester, Mass.

Tongue Supports

See Supports, Wagon Tongue

15692— Tongues (Machine)

Fosston Mfg. Co. ("Sageng" Adjustable), 473 Cleveland, St. Paul, Minn.

15693— Tongues (Wagon)

Campbell & Dann Mfg. Co., Tullahoma, Tenn.

15694— Tool Kits

ARSTRONG MFG. CO. ("Armstrong" Combination, Consisting of One Genuine Armstrong Stock, One Pipe Cutter, One Hinge Vise, One Stillson Wrench), 278 Knowlton, Bridgeport, Conn.
See adv index at end of book
Billings & Spencer Co. ("B. & S." Auto), Hartford, Conn.
Bridgeport Hardware Mfg. Co. ("So Handy" Pocket Knife), Bridgeport, Conn.
Chicago Tool & Kit Mfg. Co. (Automobile & Tractor), 6 E Lake, Chicago, Ill.
Feeser Frank S. Co., 1102 Prospect, Indianapolis, Ind.
Jennings C. E. & Co. ("Little Wonder"), 71 Murray, New York
Kennedy Mfg. Co. (Steel), 14 E Jackson blvd, Chicago, Ill.
Klein Mathias & Sons (Electricians' Pocket), 562 W Van Buren, Chicago, Ill.
Marcy Tool Works ("Plumbers"), Putnam, Conn.
Napanoch Knife Co. ("Kompak"), Napanoch, N. Y.
Vichek Tool Co. ("Vichek," Complete Assortments), 10711 Quincy av, Cleveland, O.
Williams J. H. & Co. (Drop Forged Wrenches), 31 Richards, Brooklyn, New York *See adv index at end of book*
Zinn Edward (Pocket), 11th av & 25th, New York

15694a— *Tool Makers

Central Machine Works, 12th & Tyler, St. Louis, Mo. *See adv index at end of book*
KNAPP ARTHUR ENGINEERING CORP., 30 Church, New York
See adv index at end of book
Milwaukee Tool & Forge Co., Milwaukee, Wis.

15695-6— Tool Posts

Armstrong Bros. Tool Co. ("Armstrong" Improved), 339 N Francisco av, Chicago, Ill.
Brown & Sharpe Mfg. Co. (Cutting-Off, etc), Providence, R. I.
Magna Machine Co., 626 Driggs av, Brooklyn, N. Y.
O. K. Tool Holder Co. ("O. K."), Shelton, Conn.
Page Storms Drop Forge Co. (Drop Forged), Chicopee, Mass.
Phoenix Mfg. Co. ("Conradson" Turret), Eau Claire, Wis.
Rex Mfg. Co. ("Rex"), Cambridge, Mass.
Williams J. H. & Co. (Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

15697— Tool Sets

Armstrong Bros. Tool Co. ("Armstrong," Lathe, Comprises Ten Tools), 339 N Francisco av, Chicago, Ill.
Bonner Drop Forge Co. ("Victor," Farmers" etc.), 332 S Michigan av, Chicago, Ill.
Bridgeport Hardware Mfg. Corp. ("B. H. M.," "Utility" Hollow Handle), Bridgeport, Conn.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Dikeman Mfg. Co. (Metal Handle), Norwalk, Conn.
Fray Jno. S Co. (Inc.) (Hollow Handles), Bridgeport, Conn.
Goodell-Pratt Co. (Hollow Handle), Greenfield, Mass.
Improved Gauge Mfg. Co. (Wrench Sets), Syracuse, N. Y.
Robinson M. W. Co. ("Rollis," "Buell's" Hollow Handle), 203 37th, Brooklyn, N. Y.
Sargent & Co. ("Sargent" & "Aiken" Hollow Handle, etc), New Haven, Conn.
Slocomb J. T. Co. (Micrometer), 35 Oxford, Providence, R. I.
Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.
Williams J. H. & Co. ("Agrippa" Lathe Tool Holders, Tools & Drop Forged Wrenches), 31 Richards, Brooklyn, New York. *See adv index at end of book*
Williamsburg Mfg. Co. (Hollow Handle), Williamsburg, Mass.

15698—Tool Stands (Portable)

Allsteelequip Co. (Metal), Aurora, Ill.
Western Tool & Mfg. Co. ("Champion" Movable Bench), Springfield, O.

Tool Steel

See Steel, Crucible; also Steel Bar Malls

15698a— *Tools

Central Machine Works, 12th & Tyler, St. Louis, Mo. *See adv index at end of book*

Tools (Adjustable Milling)

See Mills, Adjustable Hollow

Tools (Artesian Well Drilling)

See Machinery, Well Drilling

15699—Tools (Asphalt Paving)

See also Tools, Paving

Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.
Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.

15700— Tools (Assayers')

Sperry D. R. & Co. (Moulds, Pots Cupel Plates), Batavia, Ill.

15701— Tools (Automobile)

Barcalo Mfg. Co., Buffalo, N. Y.
Beckley-Ralston Co., 1801 S Mich. av, Chicago, Ill.
Buffum Tool Co. ("Swastika" Cylinder Ring Remover), South Side, Louisiana, Mo.
Cincinnati Tool Co., Norwood, Cincinnati, O. *See adv index at end of book*
Crane Co., Allston, Mass.
Empire Tire & Rubber Corp. ("Empire" Tire Irons, Tire Repair Kits, Tube Repair Clamps, Tire Tools), East Trenton, N. Y.
Gay E. L. Machine Co. (Gear, Cam & Flywheel Remover), Southbridge, Mass.
Gemco Mfg. Co. ("Gemco," Tire Tools), Milwaukee, Wis.
GREENFIELD TAP & DIE CORP. ("G. T. D." Taps, Dies, Reamers, Gauges, etc), Greenfield, Mass.
See adv index at end of book
Helwig Mfg. Co. ("Helwig" Pneumatic Riveting Hammers, "Helwig" Pneumatic Chipping Hammers, "Helwig" Pneumatic Reversible Drills & Bolt & Rivet Clippers "Helwig"), St. Paul, Minn.
Long Adam A. ("L. & M." Shoe Loosener), Rochester, N. Y.
Michelin Tire Co. (Tire Tools), Milltown, N. J.
Mound Tool Co ("Mounds"), 1203 S 7th, St Louis, Mo.
Noon A. S. Tool & Machine Wks., Rome, N. Y.
Rhodes Mfg. Co. (Tire Removers), Grand Rapids, Mich.
Shawver Co. (Tire Removers, "Springfield"), Springfield, O.
Van Doren Mfg. Co. ("Vander"), Chicago Heights, Ill.
Vlchek Tool Co. ("Vlchek"), 10711 Quincy av, Cleveland, O.

15702— Tools (Balancing)

Bowsher N. P. Co. ("Balancing Way"), South Bend, Ind.
Rockford Tool Co. ("20th Century," for Pulleys, Cones, Armatures, etc), Rockford, Ill.

15703— Tools (Beading)

Buffum Tool Co. ("Swastika," Boilermakers'), South Side, Louisiana, Mo.
Cleveland Punch & Shear Works Co. (Flue Beaders), 3921 St. Clair av, N E, Cleveland, O.
Eagle Tool Works, Bayonne, N. J.
Goldblatt H. Tool Co, 213 E 15th, Kansas City, Mo.
Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.
Lovejoy Tool Works, 319 W Ohio, Chicago, Ill.
Marshalltown Trowel Co., Marshalltown, Ia.
Pratt & Whitney Co. (Flue Beading), Hartford, Conn.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Wiedeke Gustav & Co. (Boilermakers'), Dayton, O.

15704—Tools (Bell Centering)

Braunsdorf-Mueller Co., Elizabeth, N. J.

Tools (Blacksmiths')

See Index of Contents for Specific Article Wanted.

15705—Tools (Boilermakers')

AMERICAN DIE & TOOL CO., Reading, Pa. *See adv index at end of book*
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
Faessler J. Mfg. Co. (Hand & Pneumatic), Moberly, Mo.
GREENFIELD TAP & DIE CORP. ("G. T. D." Taps & Reamers), Greenfield, Mass.
See adv index at end of book
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Thomson Alex, Fitchburg, Mass.
Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.
Wiedeke Gustav & Co. (Tube Expanders, Beading Tools, Tube Cutters), Dayton, O.

15706— Tools (Bookbinders')

Hickok W. O. Mfg. Co., Harrisburg, Pa.

15707— Tools (Boring)

See also Tools, Lathe; also Braces; also Drills, Automatic

Allen & Curtiss Co. ("Simple"), Mishawaka, Ind.
Armstrong Bros. Tool Co. ("Armstrong," also Three Bar), 339 N Francisco av, Chicago, Ill.
Blakely W. W. ("Common Sense" Adjustable), 100 Leicester ct, Detroit, Mich.
Clark Machy. Co., 1302 Ontario, Cleveland, Ohio
Connecticut Valley Mfg. Co. ("Jennings" Wood), Centerbrook, Conn.
Forest City Bit & Tool Co. (Wood Boring & Hollow Mortising), Rockford, Ill.
Fray Jno. S. Co. (Inc.), Bridgeport, Conn.
Goodell Mfg. Co., Greenfield, Mass.
Kelly Reamer Co. ("Kelly"), 1553 Columbus rd, Cleveland, O.
See adv index at end of book
Maxwell F. A. Machine Co. ("E. Z. Set"), 1011 Power av, Cleveland, O.
Mayhew H. H. Co., Shelburne Falls, Mass.
Millers Falls Co. (Automatic), Millers Falls, Mass.
Milwaukee Metal Working Co., 383 Clinton, Milwaukee, Wis.
National Mfg. Co. ("Natwire"), Worcester, Mass.
New Process Specialty Co., 230 Hanover, Milwaukee, Wis.
See adv index at end of book
O. K. Tool Holder Co. ("O. K."), Shelton, Conn.
Ready Tool Co. ("Red-E"), Bridgeport, Conn
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Star Bit & Tool Co. (Wood Boring & Hollow Mortising), Rockford, Ill.
Toledo Pipe Threading Machine Co. ("Toledo" Ratchet, Wood), 1440 Summit, Toledo, O.
Union Tool Co. ("Hill"), Orange, Mass.
Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.
Wellman Co. ("Twentieth Century"), Medford, Mass.
Western Tool & Mfg. Co. ("Champion"), Springfield, O.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book
Williams J. H. & Co. ("Agrippa" Boring Tool Holders & "Vulcan" Drop Forged), 31 Richards, Brooklyn, N. Y
See adv index at end of book
Wrightville Hardware Co. ("Quad" & "Quint," for Augur Mortisers), Wrightsville, Pa.

Tools (Bricklayers')

See Tools, Masons'

15708— Tools (Burring)

GREENFIELD TAP & DIE CORP. ("G. T. D." Spiral, Fluted, Burring Reamers), Greenfield, Mass.
See adv index at end of book

Tools (Butchers')

See Index of Contents for Specific Article Required. If Not Found, Write Us

Tools (Cabinetmakers')

See Specific Article Required

15709— Tools (Calking)

Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.
Billings Union Trowel Works (D. W. Gray Co.), Irvington, N. J.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Carver Tool Works, Spring Valley, N. Y.
Drew C. & Co., Kingston, Mass.

Lovejoy Tool Works (Straight or Bent), 319 W Ohio, Chicago, Ill.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Marcy Tool Works, Putnam, Conn.
Mound Tool Co., 1203 S 7th, St. Louis, Mo.
Mueller H. Mfg. Co. (Combination Soil Pipe), Decatur, Ill.
Osborne C. S. & Co., Harrison, N. J.
Phillips F. & Son, 1336 Greenmount av, Baltimore, Md.
Pollard J. G., 141 Raymond, Brooklyn, N. Y.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Stortz John & Son, 210 Vine, Phila., Pa.
S. & I. Co. ("Never Break," Plumbers'), Springfield, Mass.
Union Iron Works, Hoboken, N. J.
Van Doren Mfg. Co. ("Vandor"), 227 W Erie, Chicago Heights, Ill
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.
Wilcox, Crittenden & Co. (Calking Irons), Middletown, Conn.

15710—Tools (Carpenters')

See also Index of Contents for Specific Article Required. If Not Found, Write Us

Cincinnati Tool Co., Norwood, Cincinnati, O. *See adv index at end of book*
STARRETT L. S. CO. (THE), Athol, Mass. *See adv index at end of book*

Tools (Cement Sidewalk)

See Tools, Concrete Finishing

15711—Tools (Cement Workers')

Rock Island Mfg. Co., Rock Island, Ill.

15712— Tools (Comb)

Grimes & Harris, Leominster, Mass.

15713— Tools (Combination)

Benefiel C. E. Co. ("Handi-Tool"), Indianapolis, Ind.
Chicago Flexible Shaft Co. ("Stewart" Handy Worker), 5600 W 12th, Chicago, Ill.
Foote Mfg. Co. ("Ever-Ready" Tool Kit, Hammer, Punches, Pullers, Screwdriver, Wire Splicer, Wrench, All Combined in One), Dayton, O.
Harrah Mfg. Co. ("12-In-1"), Bloomfield, Ind.

15714—Tools (Commutator, Truing)

GENERAL ELECTRIC CO. ("B & B," also Slotting), Schenectady, N. Y. *See adv index at end of book*
Jordan Bros., 74 Beekman, New York

15715—Tools (Concrete Finishing)

Abraham Cement Tool Co., 27 Woodward av, Detroit, Mich.
Anderson W. H. Tool & Supply Co. (Edgers, Groovers, Markers, Rollers, Framers, etc), Bush & Macomb, Detroit, Mich.
Arrowsmith Concrete Tool Co., Arrowsmith, Ill.
BONNEY VISE & TOOL WORKS, Allentown, Pa. *See adv index at end of book*
Brunner & Lay, 570 W Polk, Chicago, Ill.
Buckeye Iron & Brass Works (Brass Edgers, Step Tool, Jointer & Cast Iron Tramp, etc), Dayton, O.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Cheney S. & Son ("Mogul"), Manlius, N. Y.
Crescent Novelty Mfg. Co. (Steel or Bronze), 703 S B'way, St. Louis, Mo.
Duffy Mfg. Co., 214 W Grand av, Chicago, Ill.
Goldblatt H. Tool Co., 213 East 15th, Kansas City, Mo.
Heltzel Steel Form & Iron Co., Warren, O. *See adv index at end of book*
Kramer Bros. Foundry Co. ("Gem"), Dayton, O.
Noble Henry A. Co., 203 Dock, Phila., Pa.
Ohio Tool Co., Charleston, W. Va.
Rock Island Mfg. Co., Rock Island, Ill. *See adv index at end of book*
Standard Tool & Mfg. Co. ("Standard" Long Handled), Indianapolis, Ind.
Stortz John & Son, 210 Vine, Phila., Pa.
Ulfers-Holtum Mfg. Co. ("S. & H." Aluminum), Freeport, Ill.
Vogl Tool Co., 912 E 19th, Kansas City, Mo.

15716— Tools (Coopers')

American Axe & Tool Co., Glassport, Pa.
Atkins E. C. & Co. (Saws), Indianapolis, Ind.
Black John B. Co. ("Wm. Beatty & Sons"), Chester, Pa.
Chapin, Stephens Co., Pine Meadow, Conn.
Cincinnati Tool Co., Norwood, Cincinnati, O. *See adv index at end of book*
Collins Co., Collinsville, Conn.
Crescent Novelty Mfg. Co. ("Crescent" Punch), 703 S B'way, St. Louis, Mo.
Drew C. & Co., Kingston, Mass.
Emerson Smith & Co., Beaver Falls, Pa.
Evansville Tool Works, Evansville, Ind.
Heald Addison & Son, Milford, N. H.
Iron City Tool Works, Ltd., 3201 Smallman, Pittsburgh, Pa.
Mack & Co. ("D. R. Barton" Axes, Adzes, Anvils, Drawing Knives, Beck Horns, etc), Rochester, N. Y.
Ohio Tool Co. (Edge & Wood), Charleston, W. Va.
Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.
Sandusky Tool Co. (Wood Tools, etc), Sandusky, O.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Stortz John & Son, 210 Vine, Phila., Pa.
Swan Jas. Co., Seymour, Conn.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

15717— Tools (Cotter Pin)

Billings & Spencer Co. ("B. & S."), Hartford, Conn.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Marcy Tool Works, Putnam, Conn.
Mechanical Specialties Co., 122 S Michigan av, Chicago, Ill.
Vlchek Tool Co. ("Vlchek"), 10711 Quincy av, Cleveland, O.

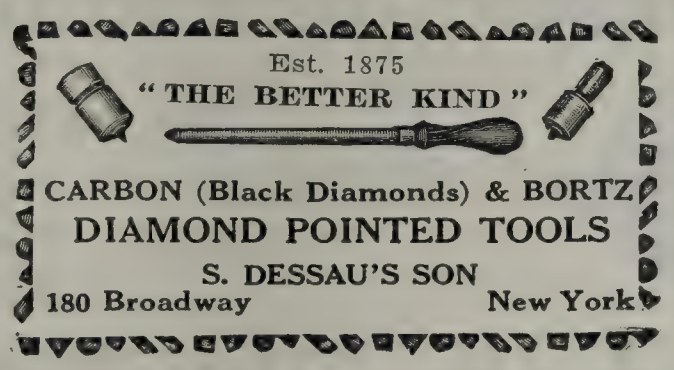
15718— Tools (Cutting-Off)

Armstrong Bros. Tool Co. ("Armstrong" Straight & Right & Left Hand), 339 N Francisco av, Chicago, Ill.
Goodell-Pratt Co., Greenfield, Mass.
O. K. Tool Holder Co. ("O. K."), Shelton, Conn.
Pratt & Whitney Co. ("Johnson" Cutting-Off Blades), Hartford, Conn.
Ready Tool Co. ("Red-E"), Bridgeport, Conn.
Union Tool Co. ("Hill High Speed"), Orange, Mass.
Van Doren Mfg. Co. ("Vandor"), 227 W Erie, Chicago Heights, Ill.
Walworth Mfg. Co., Boston, Mass.
Western Tool & Mfg. Co. ("Champion"), Springfield, O.
Williams J. H. & Co. ("Vulcan" & "Agrippa" Drop Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

15719—Tools (Diamond, Turning, Etc.)

See also Emery Wheel Dressers; also Cutters, Glass

Crafts Arthur A., 125 Summer, Boston, Mass.
Dessau D., 180 Broadway, New York
Dessau's S Sons, 180 Broadway, New York *See adv index at end of book*



Dickinson Thos. L., 64 Nassau, New York
Francis & Co., 50 State, Hartford, Conn.
Mendes Cutting Factories ("Mendes" for all Mechanical Purposes), 12 John, New York
Meyers Willard F. Machine Co., 614 Hamilton, Astoria, N. Y.
Osgood J. L. Tool Co. ("Black Diamond"), Buffalo, N. Y.
Safety Emery Wheel Co. (Hand Lathe), Springfield, O.
Skinner Bros., 430 Kent av, Brooklyn, N. Y.
Tanite Co., Stroudsburg, Pa.
Union Tool Co., Orange, Mass.
Wennstrom's John Sons Co., Suffern, N. Y.
Wheel Truing Tool Co., Detroit, Mich.

15720-1—*Tools (Draftsman's)

STARRETT L. S. CO. (THE), Athol, Mass. *See adv index at end of book*

Tools (Drill Sharpening)

See Drill, Sharpening Machines

15722—Tools (Drilling & Fishing, Oil Well)

Acme Fishing Tool Co., Parkersburg, W. Va.
American Well & Prospecting Co., Corsicana, Tex.
Boardman Robt. Co., Oil City, Pa.
Bovaird Supply Co., Independence, Kan.
Bovaird & Seyfang Mfg. Co., Bradford, Pa.
Bradford Supply Co., Bradford, Pa.
COLUMBUS FORGE & IRON CO., Columbus, O. *See adv index at end of book*
Davin J. J., Washington, Pa.
Higbee Tool Co., Bremen, O.
Kesselman & Co., Butler, Pa.
KEYSTONE DRILLER CO., Beaver Falls, Pa.
Larkin J. J., Bartelsville, Okla.
Larkin & Co., Butler, Pa.
Leidecker Tool Co., Marietta, O.
Lucey Manufacturing Corp., 233 Broadway, New York *For branch offices see Alphabetical Section*
Lucey Mfg. Corp. of Tenn., Chattanooga, Tenn.
McDermott P. J., Martins Ferry, O.
Masseth Packer & Machine Works ("M & B"), Butler, Pa.
Muirhead John & Son, Pittston, Pa.
Norwalk Drilling Tool Co., Norwalk, O.
Off-Set Tool Co., Bridgeport, Conn.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Phillips David Co., Bradford, Pa.
Producers' Supply Co., Franklin, Pa.
Robertson D. W., Bradford, Pa.
Sheridan John J. & Co., Mars, Pa.
Spang & Co., Butler, Pa.
Star Drilling Machine Co., Akron, O.
Tuna Iron & Steel Works,, Bradford, Pa.
Union Iron Works, Houston, Tex.
Union Tool Co., Los Angeles, Cal.
Wilson & Willard Mfg. Co., Los Angeles, Cal.
Zahniser Bros. & Sten, Washington, Pa.

15722a— *Tools (Drop-Head)

Williams J. H. & Co. ("Vulcan" Drop Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

15722b— *Tools (Electric)

Dopp J. W. & Co. (Dealers), 1420 Dime Bank bldg, Detroit, Mich.
Simplex Mfg. Co., Newtonville, Mass.

Tools (Electricians')

See Tools, Lineman's

15723— Tools (Emergency)

Try-Me Mfg. Co. ("Milla's"), Springfield, Mass.

Tools (Engine Room)

See Tools, Packing

Tools (Engineers')

See Index of Contents for Specific Article Required

15724— Tools (Engravers)

Automatic Engraving & Mfg. Co., Inc., 79 E 130th, New York

15725—Tools (Expansion Boring)

Davis Boring Tool Co. ("Davis"), 3722 Forest Park bl, St. Louis, Mo.

15726— Tools (Farriers')

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Champion Tool Co., Meadville, Pa.
Evansville Tool Works, Evansville, Ind.
Hammond C. & Son, Ogontz, Pa.
Heller Bros. Co., 879 Mt. Prospect av, Newark, N. J.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.
Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.

15727— Tools (Fillet)

Cleveland Galvanizing Works Co., 3924 Cooper av, Cleveland, O.
Timmis & Clissold, Bound Brook, N. J.

15728—Tools (Finishing Gutter & Step)

Crescent Novelty & Mfg. Co. (Sheet Metal, All Sizes and Designs), 703 S B'way, St. Louis, Mo.
Rock Island Mfg. Co., Rock Island, Ill.

15729— Tools (Firing)

Auer John, Jr., 197 Middleton, Brooklyn, N. Y.
Focht, Geo. Sons, 117-119 Adams, Hoboken, N. J. *See adv index at end of book*
Grabler Mfg. Co., Cleveland, O.
Pollard Jos. G., 141 Raymond, Brooklyn N. Y.

15730— Tools (Framing)

Topp G. A. & Co. ("Topps"), Indianapolis, Ind.

Tools (Gardeners')

See Index of Contents for Specific Article Required

15731—Tools (Glassmakers')

Blaisdell Machine Works (Medical, Laboratory & Scientific), Vineland, N. J.

15732— Tools (Glaziers')

Ohio Tool Co., Charleston, W. Va.

15733— Tools (Graining)

Burton A. & E. & Co. (Painters'), 73 Pearl, Boston, Mass.

15734— Tools (Granite & Stone Cutters')

See also Pneumatic Stone Cutting Tools
Ahern Jas., Barre, Vt.
Anderson W. H. Tool & Sup. Co., Brush & Macomb, Detroit, Mich.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Brunner & Lay, 570 W Polk, Chicago, Ill.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Dallett Thos. H. Co. (Pneumatic, etc), Juniper & Federal, Phila., Pa.
Davey John H., New London, Conn.
French H. P. Co., Inc., 320 B'way, New York. *See adv index at end of book*
Goldblatt H. Tool Co., 213 E 15th, Kansas City, Mo.
Harrison Supply Co., 5 Dorchester av ext, Boston, Mass.
Hauck Wm. J., 306 Southwest blvd, Kansas City, Mo.
Heartley Machine, Variety Iron & Tool Works, 900 Summit, Toledo, O.
Iron City Tool Works, Ltd., 3201 Smallman, Pittsburgh, Pa.
Isele A. W. & Son, 51 Pitt, Boston, Mass.
Kelley Benj. & Co., Belfast, Me.
Kemp J. F. & Co., Quincy, Mass.
Livingston Mfg. Co., Rockland, Me.
Phillips F. & Son, 1336 Greenmount av, Baltimore, Md.
Racky Albert C., 531 S 5th av, Chicago, Ill.
Stubbs Steel Co., 17 N 5th, Phila., Pa.
Trimbach Geo. Dayton, O.
Trow & Holden Co., Barre, Vt.
Vogl Tool Co., 912 E 19th, Kansas City, Mo.
Vulcan Tool Mfg. Co., Quincy, Mass.
Willbas Gustaf, Quincy, Mass.

15735—Tools (Gun Cleaning & Reloading)

Cullum & Boren Explosive Co. ("Texas Ranger," Rifle Cleaning Rod), Dallas, Tex.
Marble Arms & Mfg. Co. ("Marble" Gun Rods & Cleaners), Gladstone, Mich.
Morgan Spring Co., Worcester, Mass. *See adv index at end of book*
Parker Bros. (Cleaning & Reloading), Meriden, Conn.
Rupert G. G. ("G. & R." Cleaning Rod), Decatur, Ill.
Savage Arms Corp. (Reloading), Utica, N. Y.
Stevens J. Arms Co. (Gun Cleaning), Chicopee Falls, Mass.
Union Hardware Co. (Cleaning & Reloading), Torrington, Conn.
U. S. Cartridge Co. ("Belcher's" Automatic Magazine Cartridge Loader), Lowell, Mass.
Winchester Repeating Arms Co. (Reloading), New Haven, Conn.
Worcester Brush & Scraper Co. ("Criss-Cross," Gun Cleaner & Gun Rod), Worcester, Mass.

15736—Tools (Harness & Saddlery)

Horn Wm. H. & Bro. ("Diamond," "Crown"), 451 N 3d, Phila., Pa.

15737— Tools (Hatters')

Cuming M. A. & Co., 43 Bleeker, New York

15738— Tools (Haying)

American Fork & Hoe Co. (Hand Tools), Cleveland, O.
Appleton Hay Tool Co. ("Miller Eagle"), Appleton, Wis.
Barley Thos. K. Sedalia, Mo.
Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.
Fleming & Sons Mfg. Co., Huntsville, Mo.
Herschel B. Mfg. Co., Peoria, Ill.
Hunt, Helm, Ferris & Co., Harvard, Ill.
Jenkins Hay Rake & Stacker Co., Chillicothe, Mo.
Louden Machinery Co., Fairfield, Ia.
Milwaukee Hay Tool Co., Layton Park, Milwaukee, Wis.
MYERS F. E. & BRO., 800 Orange, Ashland, O. *See adv index at end of book*
Ney V. L. Co., Canton, O.
O'Neil T. L., Marseilles, Ill.
Porter J. E. Co., Ottawa, Ill.
Strickler Hay Tool Co., Janesville, Wis.
Swineford G. A. Co., Canton, O.
Syracuse Chilled Plow Co., Syracuse, N. Y.

15739—Tools (Hollow Handle Sets)

See also Tools, In Sets
Bergman Tool Mfg. Co. (Metal), Buffalo, N. Y.
Millers Falls Co., Millers Falls, Mass.
Morgan Mfg. Co. ("Morgans Handy"), Newport, R. I.

Tools (Hollow Mortising)

See Chisels, Hollow Mortising

15740—Tools (Ice Harvesting)

Bodenstein J. G. & Co., Staatsburgh, N. Y.
Dernell H. F. Co., Athens, N. Y.
Gifford-Wood Co., Hudson, N. Y.
Gruman Ice Tool Works, Branchville, Conn.
Heartley Machine, Variety Iron & Tool Works, 900 Summit, Toledo, O.
Stevens Benj. A. Co., Toledo, O.

15741—Tools (Interchangeable)

Currier-Koeth Mfg. Co. ("Koeth's"), Coudersport, Pa.
KNAPP ARTHUR ENGINEERING CORP.
30 Church, New York
See adv index at end of book

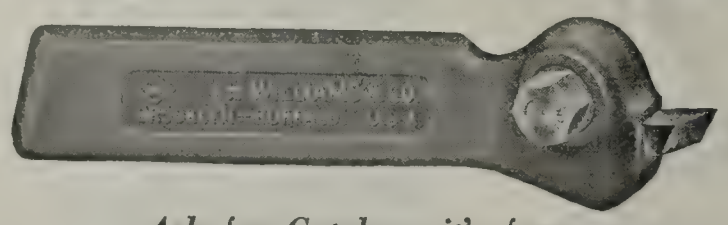
Tools (Jewelers')

See Tools, Watchmakers' & Jewelers'

15742—Tools (Key Seating)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Davis C. F. Machine Co., 133 Andrews, Rochester, N. Y.
National Machine Tool Co. ("National"), Cincinnati, O.
Union Tool Co. ("Hill"), Orange, Mass.
Vichek Tool Co. ("Vichek"), 10711 Quincy av, Cleveland, O.

Williams' "Agrippa" and "Vulcan" Tool Holders



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31 South Clinton Street, Chicago, Ill.

Plants:
Brooklyn and Buffalo, N. Y.

General Offices:
31 Richards Street, Brooklyn, N. Y.

15743— Tools (Knurling)

Alert Tool Co. (Up to ½ inch in Diameter), 221 N 23rd, Phila., Pa.
Armstrong Bros. Tool Co. ("Armstrong," Plain & Revolving Head), 339 N Francisco av, Chicago, Ill.
Billings & Spencer Co. ("Billings"), Hartford, Conn.
Goodell-Pratt Co. (Hand), Greenfield, Mass.
Pratt & Whitney Co., Hartford, Conn.
Williams J. H. & Co. ("Vulcan" & "Agrippa" Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

15744—Tools (Lathe & Planer)

Armstrong Bros. Tool Co., 339 N Francisco av, Chicago, Ill.
Bagshaw & Field, 445 N 5th, Phila., Pa.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Cincinnati Planer Co. ("Whalen" Planer), Cincinnati, O.
Diamond Tool & Die Co., 438 Asylum, Hartford, Conn.
Goodell-Pratt Co. (Lathe, Small Size Only), Greenfield, Mass.
Marcy Tool Works, Putnam, Conn.
Meriden Machine Tool Co., Meriden, Conn.
Milwaukee Metal Working Co., 383 Clinton, Milwaukee, Wis.
New Process Specialty Co., 230 Hanover, Milwaukee, Wis.
See adv index at end of book
Niles-Bement-Pond Co., 111 B'way, New York
O. K. Tool Holder Co. ("O. K."), Shelton, Conn.
Pratt & Whitney Co., Hartford, Conn.
Ready Tool Co. ("Red-E" Side Lathe), Bridgeport, Conn.
Reed-Prentice Co. (Lathe), Worcester, Mass.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Stortz Jno. & Son, 210 Vine Phila., Pa.
Union Tool Co. ("Hill," "Eberhardt"), Orange, Mass.
Van Doren Mfg. Co. ("Vandor"), 227 W Erie, Chicago Heights, Ill.
Western Tool & Mfg. Co. ("Champion" Side Tool), Springfield, O.
Williams J. H. & Co. ("Vulcan" & "Agrippa" Drop Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*
Young Machine & Tool Co., Worcester, Mass.

15745— Tools (Lead Burners)

Geforer C. & Son, 1017 Ridge, Phila, Pa.

15746— Tools (Linemen's)

Atha Tool Co., ft Chapel, Newark, N. J.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

THE CINCINNATI TOOL CO.
Ⓗ HARGRAVE

Norwood, Cincinnati, O.
Columbus Handle & Tool Co., Columbus, Ind.
Dicke Tool Co., Downers Grove, Ill.
Irvington Mfg. Co. ("Irvington" & "Red Devil"), Irvington, N. J.
Klein Mathias & Sons, 562 W Van Buren, Chicago, Ill.
Stortz Jno. & Son, 210 Vine, Phila., Pa.

15747—Tools (Logging & Lumberman's)

American Logging Tool Co. ("Sanford," "Champion," "Blue Line," "Oshkosh," "Columbia," "Evart," "American"), Evart, Mich.
Avery & Co., 48 3rd, Portland, Ore.
Channon Jas. H., Mfg. Co., 227 W Erie, Chicago, Ill.
Columbus Handle & Tool Co., Columbus, O.
Dixie Logging Tool Co., Chattanooga, Tenn.
Franklin Tool Works, 1049 Railroad av, S Seattle, Wash.
Gerlach Peter Co., 1712 Winter, Cleveland, O.
Grays Harbor Iron & Steel Co., Hoquiam, Wash.
Northwestern Mfg. Co., Duluth, Minn.
Prouty C. & Co., Eldred, Pa.
Ransome-Leach Co., 115 B'way, New York
Remick A. R., Kelso, Wash.
Simonds Mfg. Co., Ltd., 420 Canal, New Orleans, La.
Stacy Eugene C., Tiffin, O.
Warren Axe & Tool Co. ("Bull Dog"), Warren, Pa.

15748— *Tools (Machinists')

BETTES & EBSEN, 150 Chambers, New York *See adv index at end of book*
Hood Bros., 180 Oxford, Phila., Pa.
Purinton & Smith, Hartford, Conn.
STARRETT L. S. CO. (THE), Athol, Mass. *See adv index at end of book*
Williams J. H. & Co. (Drop Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

Tools (Machinists' Hand)

See Specific Article Required; also Machinists' Tools & Supplies

Tools (Marble Workers')

See Tools, Granite & Stone Cutters

15749— Tools (Masons')

Billings Union Trowel Works (D. W. Gray Co.), Irvington, N. J.
Brunner & Lay, 570 W Polk, Chicago, Ill.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Crescent Novelty Mfg. Co., 703 S B'way, St. Louis, Mo.
Goldblatt H. Tool Co., 213 E 15th, Kansas City, Mo.
Phillips F. & Son, 1336 Greenmount av, Baltimore, Md.
Racky Albert C., 531 S 5th av, Chicago, Ill.
Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.
Vogl Tool Co., 912 E 19th, Kansas City, Mo.

15750—*Tools (Measuring)

NORMA CO. OF AMERICA, 1790 B'way, New York *See adv index at end of book*

Tools (Metal Workers')

See Specific Article Required

15751—Tools (Milling Machine)

Atha Tool Co., ft Chapel, Newark, N. J.
Brown & Sharpe Mfg. Co., Providence, R. I.
Pratt & Whitney Co., Hartford, Conn.

15752—*Tools (Millwrights')

STARRETT L. S. CO. (THE), Athol, Mass. *See adv index at end of book*

15753— Tools (Mining)

American Mining Tool Co., Ottumwa, Ia.
Beall Bros. ("Old Alton"), Alton, Ill.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Cyclone Machine Co., Pittston, Pa.
Fulton Tool Works ("Fulton"), Canal Fulton, O.
Funk Bros. Mfg. Co. (Coal), 53 W Jackson, Chicago & Chicago Heights, Ill.
Hardsocg Martin Co., 922 South av, Pittsburgh, Pa.
Iron City Tool Works, Ltd. (Coal Miners'), 3201 Smallman, Pittsburgh, Pa.
Iwan Bros., South Bend, Ind.
Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.
Leetonia Tool Co., Leetonia, O.
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
Progressive Mercantile & Mfg. Co., Pana, Ill.
What Cheer Tool Co., What Cheer, Ia.

15754— Tools (Mitreing)

Carver Tool Works, Spring Valley, N. Y.
Goldblatt H. Tool Co., 213 E 15th, Kansas City, Mo.

15755—Tools (Motor Cycle Chain)

Bean Tool & Sales Co., Berea, O.

15756— Tools (Moulders')

Barnett Oscar Foundry Co. ("Monk's"), Irvington, N. J.
Cleveland Osborn Mfg. Co., 5405 E Hamilton, Cleveland, Ohio
Disston Hy. & Sons, Tacony, Phila., Pa.
Dobson Wm., Canastota, N. Y.
Monk Chas., 83 18th, Brooklyn, N. Y.

15757— Tools (Nailing)

Pearson E. Martin ("Pearson" Hand Nailer), Robbinsdale, Minn.

15758— Tools (Packing)

Auer John Jr., 197 Middleton, Bklyn, N. Y.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Mound Tool (& Scraping), 1203 S 7th, St. Louis, Mo.
STRONG MACHINERY & SUPPLY CO. (Lighting & Improved Old Style), 21 Walker, New York
See adv index at end of book

15759—Tools (Paper Hangers')

Ridgely Trimmer Co., Springfield, O.

15760— Tools (Parting)

Swan James Co. (For Wood Turners), Seymour, Conn.
Williams J. H. & Co. ("Vulcan" & "Agrippa" Drop Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

15761-2— Tools (Paving)

See also Tools, Concrete Finishing; also Tools, Asphalt Paving

Ames Plow Co., Quincy Hall, Boston, Mass.
Anderson W. H. Tool & Supply Co., Bush & Macomb, Detroit, Mich.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Crescent Novelty Mfg. Co. ("Crescent" & Granitoid Sidewalk), 703 S B'way, St. Louis, Mo.
Hauck Wm. J. (Concrete, etc), 306 Southwest blvd, Kansas City, Mo.
Kramer Bros. Foundry Co., Dayton, O.
Phillips F. & Son, 336 Greenmount av, Baltimore, Md.
Pollard Jos. G., 141 Raymond, Brooklyn, N. Y.
Reading Saddle & Mfg. Co. (Cement Finishing), Reading, Pa.
Trow & Holden Co., Barre, Vt.
Union Iron Works, Hoboken, N. J.
Vichek Tool Co. ("Vichek"), 10711 Quincy av, Cleveland, O.

15763—Tools (Pipe Threading)

BORDEN CO., THE, ("Beaver"), Warren, Ohio *See adv index at end of book*
Toledo Pipe Threading Machine Co. (Ratchet, etc), 1440 Summit, Toledo, O.

15764— Tools (Pitching)

Anderson W. H. Tool Supply Co., Brush & Macomb, Detroit, Mich.
Crescent Novelty Mfg. Co., 703 S B'way, St. Louis, Mo.
Evansville Tool Works, Evansville, Ind.
Goldblatt H. Tool Co, 213 E 15th, Kansas City, Mo.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Phillips F. & Son, 1336 Greenmount av, Baltimore, Md.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Stortz Jno. & Son, 210 Vine, Phila., Pa.

Tools (Planer)

See Tools, Lathe & Planer

15765— Tools (Plasterers')

Bransdorf-Mueller Co., Elizabeth, N. J.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Goldblatt H. Tool Co. (Aluminum & Wood Hawks, Aluminum & Wood Darbies, Cork & Wood Floats, Mitre Tools & Rods), 213 E 15th, Kansas City, Mo.

15766—Tools (Plumbers' & Tinners')

Anderson W. H. Tool Supply Co. (Plumbers), Brush & Macomb, Detroit, Mich.
Bernz Otto, 17-37 Ashland av, Newark, N. J.
Bicknell Mfg. & Supply Co. (Plumbers Only), Janesville, Wis.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Burritt O. W. & Bro. (Tinners' Only), Weedsport, N. Y.
Carver Tool Works, Spring Valley, N. Y.
Fleck Bros. Co. ("K. Korkers"), 44 N 5th, Phila., Pa.
Johnson Wm. (Hedenberg Works), Newark, N. J.
Merchant & Evans Co. (Tinners' Tools & Machines), 2035 Washington av, Phila., Pa. *See adv index at end of book*
Mueller H. Mfg. Co. (Plumbers'), Decatur, Ill.
NASON MFG. CO., 71 Fulton, New York *See adv index at end of book*
NIAGARA MACHINE & TOOL WORKS (Tinners' Only), Buffalo, N. Y. *See adv index at end of book*
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Stortz Jno. & Son, 210 Vine, Phila., Pa.
S. & I. Co. ("Never Break," Plumbers Calking Tools, etc), Springfield, Mass.
Taiz Jacob & Son, Phila., Pa.
Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.
Williams J. H. & Co. ("Vulcan" & Agrippa" Wrenches, "Vulcan" Vise, Vise Clamps & Vise Mounts & "Falcon" Waste Plug Spanner), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

Tools (Pneumatic)

See Pneumatic Tools

15767— Tools (Pump)

Brown Harold P., 120 Liberty, New York
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Myers F. E. & Bro., 800 Orange, Ashland, O. *See adv index at end of book*

15768— Tools (Pyrites Furnace Charging)

Pratt Engineering & Machine Co., Atlanta, Ga.

15769—Tools (Rail Bonding)

AMERICAN STEEL & WIRE CO. 208 S La Salle, Chicago, Ill. *See adv index at end of book*
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Lord Mfg. Co. ("Lord" Tools, Soldering Torches, etc), 105 W 40th, New York
Ohio Brass Co., Mansfield, O.

15770—Tools (Railroad Track)

Beall Bros., Alton, Ill.
Buda Co., Railway Exch. bldg, Chicago, Ill.
Handlan-Buck Mfg. Co., 210-14 N 3d, St. Louis, Mo.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Ingersoll-Rand Co. ("Imperial" Pneumatic Tie Tampers), 11 B'way, New York *See adv index at end of book*
Iron City Tool Works, Ltd., 3201 Smallman, Pittsburgh, Pa.
Isele A. W. & Son, 51 Pitt, Boston, Mass.
Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
Plumb Fayette R. (Inc), Tucker & James, Phila., Pa.
Railroad Supply Co., 203 S Dearborn, Chicago, Ill.
Sheffield Car Co., Three Rivers, Mich.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Union Drop Forge Co., 358 W Grand av, Chicago, Ill.
Verona Tool Works, Oliver bldg, Pittsburgh, Pa.
Warren Tool & Forge Co. (Adzes, Chisels, Wrenches, Tongs, Forks, Spike Pullers), Warren, O.
Western Tool & Forge Co., Brackenridge, Pa.

15771— Tools (Rivet)

Cleveland Steel Tool Co. (Center-Cut, Side-Cut & Backing Out), Cleveland, O.

15772—Tools (Rock Drill Sharpening)

Evansville Tool Works, Evansville, Ind.
Ingersoll-Rand Co. (For Drill Steels), 11 B'way, New York *See adv index at end of book*
Iron City Tool Works Ltd., 3201 Smallman, Pittsburgh, Pa.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.

15773— Tools (Roofing)

Belden Machine Co., New Haven, Conn.
Cardington Cabinet Co., Cardington, O.
Danzer Metal Works (Tinner's, etc), Hagerstown, Md.
Delphos Mfg. Co., 1st & Pierce, Delphos, O.
Emrich Phil. ("Emrich"), 824 Main, Cincinnati, O.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*
Ohio Roofing Tool Co., Tiffin, O.

15774— Tools (Sailmakers')

Stortz John & Son (Peggers & Bodkins, etc), 210 Vine, Phila., Pa.

Tools (Saw)

See Specific Article Required

15775— Tools (Scraping)

Buffum Tool Co. (Bearing), South Side, Louisiana, Mo.
Osborne C. S. & Co., Harrison, N. J.
STRONG MACHINERY & SUPPLY CO. Hollow & Flat Ground for Scraping Valves, Journals, Bearings, etc), 21 Walker, New York *See adv index at end of book*
Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.
Vlchek Tool Co. ("Vlchek"), 10711 Quincy av, Cleveland, O.

15776—Tools (Screw Machine)

Brown & Sharpe Mfg. Co., Providence, R. I.
Geometric Tool Co. ("Geometric," Screw Cutting), New Haven, Conn.
Pratt & Whitney Co., Hartford, Conn.

15776a— *Tools (Shaper)

Williams J. H. & Co. ("Vulcan" & "Agrippa" Drop Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

15776b— *Tools (Shell)

Jersey City Machine Co., 113 Plymouth, Jersey City, N. J. *See adv index at end of book*

Tools (Ship Carpenters')

See Adze Manufacturers; also Mallets; also Tools, Calking

15777—Tools (Shoemakers')

Harrington Cutlery Co., Southbridge, Mass.
Harrington T. J., Southbridge, Mass.
Horn Wm. H. & Bro. ("Diamond," "Crown"), 451 N 3d, Phila., Pa.
Hyde Mfg. Co., Southbridge, Mass.
Richard Stephen Co., Southbridge, Mass.
Snell & Atherton, Brockton, Mass.
Standard Shoe Machinery Co., Lawrence, Mass.

15777a— *Tools (Side)

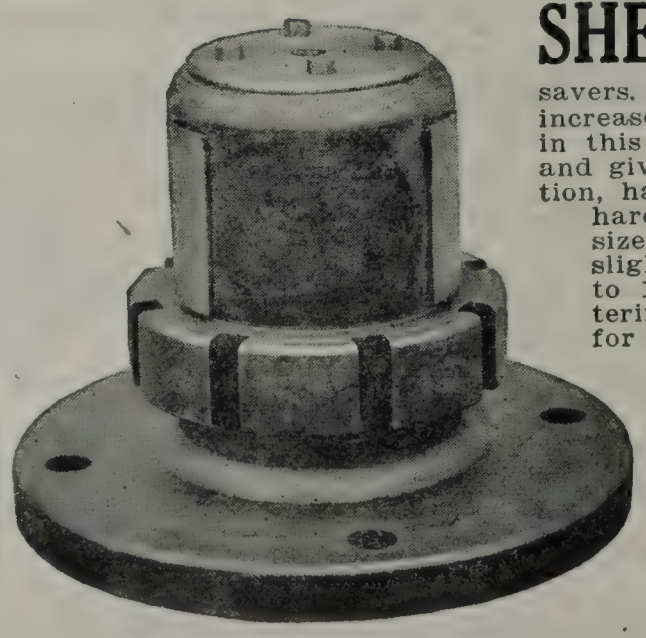
Williams J. H. & Co. ("Vulcan" & "Agrippa" Drop Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

15778—Tools (Slaters' & Shingle)

Ackerman & Johnson, Bangor, Pa.
Belden Machine Co., New Haven, Conn.
Emrich Phil ("Emrich"), 824 Main, Cincinnati, O.
Isele A. W. & Son, 51 Pitt, Boston, Mass.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*
Schellenberger C. F., Bldrs.' Exchange, Phila., Pa.
Stortz Jno. & Son (Hammers, Rippers, Stakes, etc), 210 Vine, Phila., Pa.

15778a— Tools (Special)

See also Dies, also Gauges, also Jigs & Fixtures
Advance Tool Co., Cincinnati, O.
American Tool & Mach. Co., 10 High, Boston, Mass.
Atcheson-Barok Die Tool Co., Columbus, O.
Braunschweiger Bros., Toledo, O.
Cannon T. J. & Sons Machine Co., Lynn, Mass.
Carlson-Wenstrom Co., Inc., 2557 N Sydenham, Phila., Pa.
Central Machine Wks., 12th & Tyler, St. Louis, Mo. *See adv index at end of book*
Clark Equipment Co., Buchanan, Mich.
Columbus Die Tool & Mach. Co., Cleveland av, Columbus, O.
Crescent Tool Co., Jamestown, N. Y.
Eagle Tool & Machine Co., 519 South av, Pittsburgh, Pa.
Elliott-Cornwall Mfg. Co., 542 Ironston av, Bridgeport, Conn.
Excelsior Tool & Gauge Co., 429-31 Bagg, Detroit, Mich.



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Geometric Tool Co., New Haven, Conn.
Hinsman Machine & Tool Co., Westfield, Mass.
Hoggson & Pettis Mfg. Co., 161 Brewery, New Haven, Conn.
Indianapolis Tool & Mfg. Co., Indianapolis, Ind.

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THREAD *and* SNAP GAUGES
JIGS
***and* SPECIAL TOOLS**
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Chicago, Ill.

See adv index at end of book

Lindstrom Die, Tool & Gauge Wks., Bridgeport, Conn.
Long Adam A., Rochester, N. Y.
Lucas Machine Tool Co., 524 E 99th, Cleveland, O.
McCulloch A. P. Machine Co., 216 High, Boston, Mass.
See adv index at end of book
Manhattan Machine & Tool Wks., Grand Rapids, Mich.
Mehl Mach. Tool & Die Co., Roselle, N. J.
Milford Tool & Engineering Co. (For Munition Makers), Milford, Conn.
Model Tool & Gauge Co., Bridgeport, Conn.
Modern Tool Co., 300 State, Erie, Pa.
See adv index at end of book
Mueller Mach. Tool Co., 2427 Colerain, Cincinnati, O.
Nat'l Tool Co., Cleveland, O.
See adv index at end of book
Nelson Tool Co., Inc., 781 E 142nd, New York *See adv index at end of book*
Newton Mach. Tool Wks., Inc., 23rd & Vine, Phila., Pa.
Otis Machine Wks., Rochester, N. Y.
Parker Machine Co., 221 High, Boston, Mass.
Reade Tool & Machine Co., 8 Reade, New York
Reliance Steel Tool Co., 24 Murray, New York
Springfield Tool Co., 125 Dwight, Springfield, Mass.
Trumbull F. S., Bridgeport, Conn.
Willeman Mfg. Co., Inc., 18 Eddy, Providence, R. I.
Windan Tool Co., 1318 Addison rd, Cleveland, O.
Wirth John D., New Haven, Conn.

15779—Tools (Tanners' & Curriers')

Baker G. W. Machine Co., 218 French, Wilmington, Del.
Emrich Phil ("Emrich"), 824 Main, Cincinnati, O.
Horn Wm. H. & Bros. ("Diamond," "Crown"), 451 N 3d, Phila., Pa.

15780—Tools (Thread Cutting)

See also Tools, Lathe & Planer

Armstrong Bros. Tool Co. ("Armstrong"), 339 N Francisco av, Chicago, Ill.
ARMSTRONG MFG. CO. ("Armstrong" Pipe & Bolt), 278 Knowlton, Bridgeport, Conn. *See adv index at end of book*
Conant & Donelson Co. ("Reliable" Screw Cutting), Conway, Mass.
GREENFIELD TAP & DIE CORP. ("G. T. D." Taps, Dies, etc), Greenfield, Mass.
See adv index at end of book
Hart Mfg. Co. ("Duplex"), Cleveland, O.
Landis Machine Co., Waynesboro, Pa.
Milwaukee Metal Working Co., 383 Clinton, Milwaukee, Wis.
Modern Tool Co. (Spring), 300 State, Erie, Pa. *See adv index at end of book*
National Tool Co., Cleveland, O.
See adv index at end of book
O. K. Tool Holder Co. ("O. K."), Shelton, Conn.
Pratt & Whitney Co., Hartford, Conn.
Ready Tool Co. ("Red-E"), Bridgeport, Conn
Rivett Lathe & Grinder Co., 2 Brooks, Brighton, Boston, Mass.
Rogers John M. Works ("McCanna's" Patent), Gloucester City, N. J.
Union Tool Co. ("Hill"), Orange, Mass.
Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.
Walworth Mfg. Co., Boston, Mass.
Western Tool & Mfg. Co. (Spring & Solid Holder), Springfield, O.
Williams J. H. & Co. ("Vulcan" & "Agrippa" Drop Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

Tools (Tinners')

See Tools, Plumbers' & Tinners'

15780a— *Tools—Tire (Demountable Rim)

See also Tools (Automobile)

Williams J. H. & Co. (Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

15781— Tools (Toy)

Mason & Parker Mfg. Co. (Small Garden Tools), Winchendon, Mass.
Wilkins Toy Co. (Small Garden Tools), Keene, N. H.
Wrightsville Hardware Co. (Penny Toys, Tools, etc), Wrightsville, Pa.

Tools (Track)

See Tools, Railroad Track

15781a— *Tools (Turning)

Williams J. H. & Co. ("Vulcan" & "Agrippa" Drop Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

15782— Tools (Turpentine)

Bradley G. W. Axe & Tool Mfg. Co., Newburgh, N. Y.
Evansville Tool Works, Evansville, Ind.
Warren Axe & Tool Co., Warren, Pa.

15783—Tools (Turret Lathe)

Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
One Hand Auto Top Co., 25 E Jewett av, Buffalo, N. Y.

15784—Tools (Underground Conduit Construction)

Barnard B. S. & Co., 50 Church, New York
Bissell F Co., 230 Huron, Toledo, Ohio
Bond Harold L. Co., 383 Atlantic av, Boston, Mass.
Cope T. J. ("Cope's"), 1620 Chancellor, Phila., Pa.
Diamond Expansion, 89 West, New York
Hallett Iron Works, Harvey, Chicago, Ill.
Hubbard & Co., Pittsburgh, Pa.
Meckel Fred T., 11 E 13th, Chicago, Ill.
Swett A. L. Iron Works, Medina, N. Y.

15785—Tools (Valve Removing)

Buffum Tool Co. ("Swastika," "Peterson's"), South Side, Louisiana, Mo.
Vlchek Tool Co. ("Vlchek"), 10711 Quincy av Cleveland, O.
Weeber C. F. Mfg. Co. ("Weeber," for Removing Valves from Gasoline Motors, also for Removing & Placing Tires on Side Ring on Autos), Albany, N. Y.

15786—Tools (Valve Reseating)

Abbott Hardware Co. ("Abbott"), 636 Columbus av, New York
G. B. Garage & Mfg. Co. ("G. B."), Hempstead, N. Y.
Noonan A. S. Tool & Machine Works, Rome, N. Y.
Powell Wm. Co. ("Powell"), Cincinnati, O.
Rub-On Mfg. Co. ("Crone"), 216 Niagara, Buffalo, N. Y.
Skinner M. B. Co. ("Skinner"), 562 W Washington, Chicago, Ill.

15787— Tools (Watchmakers' & Jewelers')

Bullock Mfg. Associates, Springfield, Mass.
Chicago Watch Tool Co., 1956 Grand av, Chicago, Ill.
Coats Fred R., Springfield, Ill.
Danzis G., 47 Ann, New York
Derbyshire F. W. (Lathes, Chucks & Attachments), Waltham, Mass.
Dixon Wm., 39 John, New York
Gesswein F. W. Co., 16 John, New York
Gesswein Paul H. & Co. (Jobbers), 35 Maiden la, New York
Hardinge Bros., 4203 Ravenswood av, Chicago, Ill.
Job Frederick, Wilkes-Barre, Pa.
Kendrick-Davis Co., Lebanon, N. H.
Koch Alfred S. & Sons, Lancaster, Pa.
Langelier Mfg. Co., Arlington, Providence, R. I.
McWilliams Thos., 237 Eddy, Providence, R. I.
Mann Chas. A., 166 Doyle av, Providence, R. I.
Morgan Edward Machine Co., 35 Vesey, Newark, N. J.
Moseley Lathe Co., Elgin, Ill.
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
Standard Machinery Co., Providence, R. I.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book
Thurston Mfg. Co., 140 Benedict, Providence, R. I.
Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.
Worthington & Raymond (Imp.), 71 Murray, New York

Tools (Well Drilling)

See Well Drilling Machinery

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15787a—*Tools (Wheel Trueing for Precision Grinding)

Ross Mfg. Co. ("Ross"), 2186 E 65th, Cleveland, Ohio.
See adv index at end of book

15788—Tools (Wire Splicing)

Smith Otis A. (For Splicing Wire Fence, Telephone Wire, etc), Rockfall, Conn.

15789—Tools (Wood Carving)

Braunsdorf-Mueller Co., Elizabeth, N. J.
Buck Bros., Millbury, Mass.
Cassell Fred, Grand Rapids, Mich.
FRASSE PETER A. & CO. (INC.), ("S. J. Addis"), 417 Canal, New York
See adv index at end of book
Mack & Co. ("D. R. Barton," "Addis" Style), Rochester,, N. Y.
Millers Falls Co., 28 Warren, New York
Porter C. O. Mach'y Co., Grand Rapids, Mich.

15790—Tools (Wood Turning)

Buck Bros., Millbury, Mass.
Carroll Jamieson Mach. Tool Co., Batavia, Ohio
Oliver Machinery Co. (For Pattern Work), Grand Rapids, Mich.
Oliver W. W. Mfg. Co., 1483 Niagara, Buffalo, N. Y.
Swan Jas. Co. (Parting), Seymour, Conn.

Tools (Woodworkers')

See Specific Article Required

15791— Tools (Yarning)

See also Tools, Calking

Buffum Tool Co. ("Swastika"), South Side Louisiana, Mo.
Mueller H. Mfg. Co., Decatur, Ill.
S. & I. Company ("Never-Break"), Springfield, Mass.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Van Doren Mfg. Co. ("Vandor"), Chicago, Heights, Ill.

15792— Tooth Pick Mfrs.

Berst Mfg. Co., Saginaw, Mich.
Crunden-Martin Mfg. Co. ("Maple Leaf"), 2d & Gratiot, St. Louis, Mo.
Cutter-Tower Co., 326 B'way, New York
Estes E. B. & Sons (Wood), 364 5th av, New York. *See adv index at end of book*

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Perfection Mfg. Co., River Rouge, Mich.

15792a—*Top Material (Motor Car)

Chase L. C. & Co., 89 Franklin, Boston, Mass. *See adv index at end of book*

15793—Tops (Automobile & Vehicle)

American Auto Top Mfg. Co., 1451 Washington blvd, Chicago, Ill.
American Top Co., Jackson, Mich.
Amesbury Top Co., Amesbury, Mass.
Anderson F. W. & Co., 1419 Montrose, Phila., Pa.
Armstrong-Johnston Mfg. Co. (Auto Truck Tops), Columbus, O.
Aronoff Jos J., Trenton, N. J.
Auto Top Mfg. Co., 425 Golden Gate av, San Francisco, Cal.
Automobile Equipment Co., Detroit, Mich.
Baltimore Buggy Top Co., 113 W Mount Royal av, Baltimore, Md.
Bauer Bros. Mfg. Co., Richmond & Carr, Cincinnati, O.
Bayless Vehicle Top & Trimming Co., Kansas City, Mo.
Bohnet Jno. & Co., Lansing, Mich.
Boston Auto Top Co., 100 Massachusetts av, Boston, Mass.
Brunn & Co., 988 Ellicott, Buffalo, N. Y.
Buob & Scheu 216 Webster, Cincinnati, O.
California Auto Top Co., 1019 Van Ness, San Francisco, Cal.
Chanslor & Lyon Co., Los Angeles, Cal.
Christie Alex, Seattle, Wash.
Cincinnati Auto Specialty Co., 420 Elm, Cleveland, Ohio
Cleveland Auto Top & Trimming Co., 2084 E 22d, Cleveland, O.
Cretors J. B., St. Paris, O.
Detroit Carriage Goods Co., Detroit, Mich.
Detroit Motor Car Supply Co., Detroit, Mich.
Dunham D. B. & Son, Newark, N. J.
Everitt Bros., 669 Mack av, Detroit, Mich.
Faeth Iron Co. (Vehicle Only), 1125 N 8th, Kansas City, Mo.
Fisher Auto Top Co., Norwalk, O.
Gates Mfg. Co., Indianapolis, Ind.
Goshen Buggy Top Co., Goshen, Ind.
Hill Mfg. Co., 23 Fuller, Buffalo, N. Y.
Holcker-Elberg Mfg. Co., Kansas City, Mo.
Hughes & Curran Co., Inc., Rochester, N. Y.
Indianapolis Dash Co., 2116 S Meridian, Indianapolis, Ind.
Johnson & Johnson, 422 E Saratoga, Baltimore, Md.
Kimball C. P. & Co., 3900 S Michigan av, Chicago, Ill.
Kreidler Auto Top Co., Trenton, N. J.
Kroh C. Z. Mfg. Co., Toledo, O.
Lincoln Auto Top Co., Lincoln, Neb.
London Auto Supply Co., 2540 S Wabash av, Chicago, Ill.
Luth Carriage Co., 1911 W 8th, Cincinnati O.
McClellan Chas. P., Fall River, Mass.
McKinney Jas. & Son (Steel), Albany, N.Y.
Marshalltown Buggy Co., Marshalltown, Ia.
Meyer C. G. & Son, Tiffin, O.
Michigan Steel Boat Co., Detroit, Mich.
Mobile Top Co., 62 Randolph, Detroit, Mich.
N. Y. Auto Equipment Co., Inc., 355 W 52d New York
Newton W. H. & Son, Cortland, N. Y.
Omaha Carriage Top Co., Omaha, Neb.
Racine Auto Top Co., Racine, Wis.
Racine General Mfg. Co., Racine, Wis.
Rands Mfg. Co., Detroit, Mich.
Reardon J. J., Amesbury, Mass.
Rebecka & Smith, Cleveland, O.
Richards Albert J., 632 W Jefferson, Louisville, Ky.
Roth Jacob, Erie, Pa.
Shugers Mfg. Co., Los Angeles, Cal.
Sieg Co., Davenport, Ia.
Sioux City Auto Top Co., Sioux City, Ia.
Springfield Auto Top & Upholstering Co., Springfield, Mass.
Springfield Body Co., Springfield, Mass.
Standard Top & Equipment Co., 1849 E 65th, Cleveland, O.
Sterling Top & Equipment Co., 518 W 57th, New York
Teel Eldridge & Co., Medford, Mass.
Troy Carriage Sun Shade Co., Troy, O.
Vehicle Top & Supply Co., 3414 Lindell av, St. Louis, Mo.
Wadman C. G., Bakersfield, Cal.
Warner Pole Top Co., 1648-50 Central av, Cincinnati, O.
Weiss Charles & Son, 4715 Cottage Grove av, Chicago, Ill.
West's L. M. Sons, Rockford, Ill.
Wisconsin Auto Top Co., Racine, Wis.

15793a— *Tops (Bird Cage)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

15794—Tops (Blast Furnace)

Brighton Fire Brick Co., New Brighton, Pa.
Weimer Machine Works Co., Lebanon, Pa.

15795— Tops (Cistern)

Wagner Mfg. Co., Cedar Falls, Ia.

15795a— *Tops (Cork)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

15796— Tops (Furniture)

Alberene Stone Co. (Tops for Laboratory Tables), 223 E 23d, New York
Bartlestone & Co. (Glass), 1170 Broadway, New York
Donnelly-Kelly Glass Co., Holland, Mich.
Enamel Products Co. (Enameled Table Tops), Eddy rd & Taft av, Cleveland, Ohio
Epstein Samuel (Inc), (Glass), 109 8th av, New York

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CLEVELAND, OHIO
U. S. A.

Fair Haven Marble & Marbleized Slate Co. (Marble), Fair Haven, Vt.
Feinberg & Feinberg (Glass), 433 W 42d, New York
Klaber A. & Sons (Glass), Long Island City, N. Y.
Lafayette Mirror Co. (Glass), 173 Grand, New York
Nelson N. O. Marble Co., Edwardsville, Ill.
Rawle M. (Glass), 796 7th av, New York
Townsend Wm. C. & Co. (Marble), Zanesville, O.

15797—Tops (Hot Air Furnace)

Steele Wilbur S. Co. ("Peerless"), Hartford, Conn.

15798—Tops (Molasses Jug)

Ohio Lantern Co. (Tin & Nickel Plated), Tiffin, O.

15799— Tops (Pilot House)

Porter Co., 241 Water, New York

15800— Tops (Pole)

(For Arc Lamps & Electric Railway Poles)
Cutter Geo. Co. (Arc Lamp), South Bend, Ind.
Electric Railway Equipment Co., Cincinnati, Ohio
Fletcher Mfg. Co., Dayton, O.
Line Material Co. (Arc Lamp), S Milwaukee, Wis.
Morris Iron & Steel Co. (Street Railway), Frederick, Md.

15801— Tops (Spinning)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Fischer Bros. & Corwin (Gyroscope), 635 N 3d, Newark, N. J.
Stephenson Mfg. Co., South Bend, Ind.
Townsend Co. (Points), New Brighton, Pa.

15802— Tops (Tin, Screw)

Deverall Perfection Mfg. Co., Caton av, Brooklyn, N. Y.
Ohio Lantern Co. (Sugar Shaker, Salt & Pepper, etc, Nickel Plated), Tiffin, O.
Wheeling Stamping Co. (Also Aluminum, Brass, etc), Wheeling, W. Va.

15803— Torches (Alcohol)

See also Furnaces, Gasoline Blast

Bernz Otto ("Always Reliable"), 17-37 Ashland, Newark, N. J.
Clayton & Lambert Mfg. Co., 205 Piquette av, E Detroit, Mich.
Diener G. W. Mfg. Co., 400 Monticello av, Chicago, Ill.
Glogau & Co., Dickey bldg, Chicago, Ill.
Hess & Son, Watkins bldg, Phila., Pa.
Knapp Mfg. & Supply Co. (Self-Acting), 241 Water, New York
Osborne C. S. & Co., Harrison, N. J.
Roberts H. C. Electric Supply Co., Philadelphia, Pa.
Turner Brass Works, Sycamore, Ill.

15804— Torches (Brazing)

See also Blow Pipes & Brazing Apparatus

Clayton & Lambert Mfg. Co., 205 Piquette av, E Detroit, Mich.

15805—Torches (Campaign)

Smith of N. Y. Co., 352 Pearl, New York

15806—Torches (Car Inspectors')

GEM MFG. CO. ("Gem"), Goebel nr Fulton, N S, Pittsburgh, Pa.
See adv index at end of book

15807— Torches (Cast Iron)

Forest City Foundry & Mfg. Co., 2202 Elm av, Cleveland, O.

15807a—*Torches (Cupola Lighting)

MAC LEOD CO., 2227 Bogen, Cincinnati, O. *See adv index at end of book*

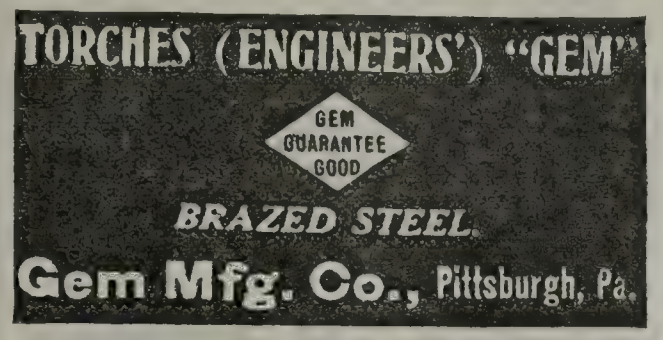
15808— Torches (Electric)

Bogart A. L. Co., 55 Barclay, New York

15809—*Torches (Engineers')

See also Torches, Hand

GEM MFG. CO. ("Gem" Brazed Steel), Goebel nr Fulton N S, Pittsburgh, Pa.
See adv index at end of book



15810—Torches (Factory & Mine)

American Stamping & Mfg. Co., Park bldg, Pittsburgh, Pa.
American Stove Co. ("Reliable" Oil & Vapor), St. Louis, Mo., & Cleveland, Ohio
Forest City Foundry & Mfg. Co., 2202 Elm av, Cleveland, O.
GEM MFG. CO. ("Gem," "Pyramid" Heavy Brazed Steel), Goebel nr Fulton N S, Pittsburgh, Pa.
See adv index at end of book

Hauck Mfg. Co., 101 11th, Brooklyn, N. Y.
Turner Brass Works, Sycamore, Ill.
Wall P. Mfg. Supply Co. (Brazed Steel), 705 Preble av N S, Pittsburgh, Pa.

15810a— *Torches (Gas Blow)

NAAB MANUFACTURING CO., THE, 5904 Carnegie av, Cleveland, O.

15810b— *Torches (Gas, Electric, Blow)

NAAB MANUFACTURING CO., THE, 5904 Carnegie av, Cleveland, O.

15811—Torches (Gas Lighting)

Houchin Thos W. Co., 36 E 12th, New York

15812—Torches (Gasoline Blow)

See also Furnaces, Gasoline Blast

Advance Tool Mfg. Co., 149 Church, New York
American Stove Co. ("Reliable," "Dangler," "Quick Meal," "Jewell"), St. Louis, Mo.
Ashton Mfg. Co. ("Red Hot"), 184 Emmet, Newark, N. J.
Baker J. R. & Sons Co., Kendallville, Ind.
Bernz Otto ("Always Reliable," "Vulcan" & "Galloway"), 17-37 Ashland, Newark, N. J.
Best Light Co., 477 2d N E, Canton, O.
Boekel Wm. & Co., 518 Vine, Phila., Pa.
Bridgeport Brass Co. ("Vulcan," "Queen") Bridgeport, Conn.
Carleton Co. (Imp. Gasoline Torch), 170 Summer, Boston, Mass.
Clayton & Lambert Mfg. Co., 205 Piquette av, E Detroit, Mich.
Decker Mfg. Co. ("Phoenix"), 251 Elm, Newark, N. J.
Diener Geo. W. Mfg. Co. ("Torrid", Kerosene and Gasolene), 400 Monticello av, Chicago, Ill.
See adv index at end of book
Emmelman Bros. Mfg. Co. (Gasoline Soldering Iron & Blow Torch), Indianapolis, Ind.
Garrison Brass & Mach. Works (Kerosene & Gasoline Torches & Furnaces), 149 W 35th, New York
Geforer C. & Son, 1017 Ridge, Phila., Pa.
Globe Gas Light Co. ("Barthel"), 25 Union, Boston, Mass.
Hine-Watt Mfg. Co. ("Marion"), 180 N Market, Chicago, Ill
Knapp Mfg. & Supply Co., 241 Water, New York
McGill Mfg. Co. ("McGill's Baby" Pumpless), 77 Oak, Valparaiso, Ind.
See adv index at end of book
MacLeod Co. ("Buckeye"), 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Peabody Henry W. & Co. ("American"), 17 State, New York
Quadriga Mfg. & Specialty Co. ("Walters"), 213 W Grand av, Chicago, Ill.
See adv index at end of book
Ridgely Trimmer Co., Springfield, O.
Smith of N. Y. Co. (Plumbers'), 352 Pearl, New York
Sun Vapor & Gas Street Light Co., Canton, O.
Turner Brass Works ("Hot Blast," "Bull Dog," "Franklin," "Kinzie," "Jewell," "Mogul," "Old Reliable," "Champion," "Double Jet"), Sycamore, Ill.
Volcano Torch & Mfg. Co., Erie, Pa.
Wall P. Mfg. Supply Co. (Dreadnaught Gasoline Torch), 705 Preble av, Pittsburgh, Pa.
Wolff Mfg. Co. L., 601 W Lake, Chicago, Ill.

15813— Torches (Hand)

Ashton Mfg. Co., 184 Emmet, Newark, N. J.
Dayton Malleable Iron Co. (Made Entirely of Malleable Iron), Dayton, O.
Deverall Perfection Mfg. Co., Caton av, Brooklyn, N. Y.
Dressel Railway Lamp Works (Engineers' Track, Wipers', Boilermakers', Car Inspectors, etc), 3860 Park av, New York
Eagle Glass & Mfg. Co. (Locomotive, etc), Wellsburg, W. Va.
Forest City F'dry & Mfg. Co., 2202 Elm av, Cleveland, O.
GEM MFG. CO. ("Gem," Heavy Brazed Steel), Goebel, nr Fulton, N S, Pittsburgh, Pa. *See adv index at end of book*
Gray Peter & Sons, 286 Third East, Cambridge, Mass.
Hammer & Co. (Malleable Iron), Branford, Conn.
Hauck Mfg. Co., 101 11th, Brooklyn, New York
Johnson Mfg. Co. (Locomotive, etc), Urbana, O.
Knapp Mfg. & Supply Co. (Locomotive, etc), 241 Water, New York
Noera Mfg. Co. (Inspectors' & Locomotive), Waterbury, Conn.
Wall P. Mfg. Supply Co. (Brazed Steel, Pyramid Chain, Top Burner & Factory), 705 Preble av, Pittsburgh, Pa.
Walters Mfg. Co. ("M. & I." Sheet & Brazed Steel), Fulton bldg, Pittsburgh, Pa.

15814—Torches (Kerosene Blow)

Advance Tool Mfg. Co., 149 Church, New York
Ashton Mfg. Co., 184 Emmet, Newark, N. J.
Barnes Tool Co., New Haven, Conn.
Bernz Otto ("Always Reliable"), 17-37 Ashland, Newark, N. J.
Clayton & Lambert Mfg. Co., 205 Piquette av E, Detroit, Mich.
Globe Gas Light Co. ("Barthel"), 25 Union, Boston, Mass.
Gyro Metal Works, 114 Scott, Norfolk, Va.
Hauck Mfg. Co., 101 11th, Brooklyn, New York
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
NAAB MANUFACTURING CO. (THE), 5904 Carnegie av, Cleveland, O.
Turner Brass Works ("Hot Blast"), Sycamore, Ill.
Walters Mfg. Co., Fulton bldg, Pittsburgh, Pa.

15814a—*Torches (Lead Burner)

MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*

15815— *Torches (Locomotive)

See also Torches, Hand

GEM MFG. CO. ("Gem" Heavy Brazed Steel), Goebel, nr Fulton, N S, Pittsburgh, Pa. *See adv index at end of book*

15816—Torches (Malleable Iron)

Dayton Malleable Iron Co., Dayton, O.
Hammer & Co., Branford, Conn.
Huebel Mfg. Co., 103 Monroe, Newark, N. J.

15816a— *Torches (Oil, Electric, Blow)

NAAB MANUFACTURING CO. (THE), 5904 Carnegie av, Cleveland, O.

Torches (Plumbers')

See Torches, Various Kinds

Torches (Shop)

See Torches, Hand

15817— Torches (Wall)

Ashton Mfg. Co. ("Red Hot" Gasoline), 184 Emmet, Newark, N. J.
Clayton & Lambert Mfg. Co. (Or Banjo, Gasoline, Illuminating), 205 Piquette av, E, Detroit, Mich.
Detroit Foundry Co. ("Sun"), Detroit, Mich.

15818— Torpedoes

Backes M. Sons, Wallingford, Conn.
Clarendon Torpedo Co., Titusville, Pa.
Hall's Ellis Sons Co., Oil City, Pa.
Hunt Edmund S. & Sons Co., Weymouth, Mass.
Kohler Die & Specialty Co., De Kalb, Ill.
Kuhn J. R. Torpedo Co., Parkersburg, W. Va.
Marietta Torpedo Co. (Nitro-Glycerine, for Shooting Oil, Gas & Water Wells), Marietta, O.
Ohio Torpedo Co. (Nitro-Glycerine, For Shooting Oil Wells, etc), Steubensville, O.
Producers Torpedo Co., Marietta, O.
Southern Torpedo Co., Parkersburg, W. Va.

15819— Torpedoes (Aerial)

Maxim Munitions Corp., Equitable bldg, New York

Torpedoes (Oil & Gas Well)

See Torpedoes

15820— Torpedoes (Toy)

Backes M. Sons, Wallingford, Conn.
Hunt Edmund S. & Sons Co., Weymouth, Mass.
Kohler Die & Specialty Co., De Kalb, Ill.

15821—Torpedoes & Fuses (Railway Signal)

Central Railway Signal Co. ("Danger," Torpedoes & Fuses), First National Bank bldg, Pittsburgh, Pa.
Jackson's Sam'l Sons, 1129 S 15th, Phila., Pa.
Sherburne & Co., 53 Oliver, Boston, Mass.
Townsend Co. (Points), New Brighton, Pa.

15822— Tow

Blehdon V. R. (Upholstery, Cordage & Twine), Brisbane bldg, Buffalo, N. Y.
Boston Excelsior Co., 11th av & 29th, New York
Gay David S. (Rough & Dressed), Winchester, Ky.
Keogh John W. & Co., 1807 S Clark, Chicago, Ill.
Livingston Jas. Flax Co. (Ltd.) (Flax), Yale, Mich.
Minnesota Fibre Co. (Flax), Heron Lake, Minn.
Philadelphia Excelsior Co., 716 N 3d, Phila., Pa.
Robinson & Jans (Flax), Winthrop, Minn.
Spears E. F. & Sons (Rough, Dressed & Carded), Paris, Ky.
Union Fibre Co. (Upholstery & Spinning), Winona, Minn.
Western Linen Co., Duluth, Minn.

15822a—*Tow Lines (Automobile)

Reliance Co. (Steel), 415 S Sangamon, Chicago, Ill.
WRIGHT WIRE CO. ("Excelsior"), Worcester, Mass. *See adv index at end of book*

15823— Towel Bars & Shelves (Plate Glass)

Anderson Geo. H. & Co., 1467 W Austin av, Chicago, Ill.
Eustes J. P. Mfg. Co. ("Brasscrafters"), Cambridge, Mass.
Graham & Berwin, 107 Lafayette, New York

15824— Towels (Cotton)

Avon Mills Co., Lewiston, Me.
Barker Cotton Mills (Toweling), Mobile, Ala.
Cannon Mfg. Co., Concord, N. C.
Cash J. & J. (Ltd.) (Bath), So. Norwalk, Conn.
Cedar Grove Mfg. Co. (Sponge Cloth), 65th av & 21st, Phila., Pa.
Chautauqua Towel Mills, Jamestown, N. Y.
Cochran Cotton Mills Co. (Also Toweling), Cochran, Ga.
Franklin Mills Corp. (Plain Hem & Hemstitched), Unionville, Mass.
Gambrill & Melville Mills Co., Havre de Grace, Md.
Globe Mfg. Co. (Toweling), Gaffney, S. C.
Greenalgh Brothers (Roller Toweling), 2218 Martha, Phila., Pa.
Irene Mills (Jacquard), Gaffney, S. C.
Kincaid Mfg. Co., Griffin, Ga.
Lockport Textile Co., Lockport, N. Y.
Lowell Textile Co., No. Chelmsford, Mass.
McArthur Geo. & Son (Crash), Baraboo, Wis.
Muscogee Mfg. Co., Columbus, Ga.
Pepperton Cotton Mills (Also Toweling), Jackson, Ga.
Piedmont Cotton Mills Co., Egan, Ga.
Roanoke Mills Co., Roanoke Rapids, N. C.
Spencer Mountain Mills (Bleached Damask), Lowell, N. C.
Stark Mills (Toweling), Manchester, N. H.
Ufford Frank M. (Bath Towels & Toweling), Norwich, Conn.
Union Cotton Mills, Lafayette, Ga.
Woodstock Cotton Mills, Anniston, Ala.

15825— Towels (Crash)

Dundee Mills (Linen), Hookset, N. H.
Franklin Mills Corp., Unionville, Mass.
Globe Mfg. Co. (Toweling), Gaffney, S. C.
Kincaid Mfg. Co., Griffin, Ga.
Lockport Textile Co. (Linen & Cotton), Lockport, N. Y.
Lowell Textile Co., No. Chelmsford, Mass.
McArthur Geo. & Son (Cotton & Linen), Baraboo, Wis.
Meredith Linen Mills (Linen Crash Toweling), 79 N Milk, Boston, Mass.
National Crash Co. (Linen Crash Toweling), Millbury, Mass.

15826— Towels (Huck)

Chautauqua Towel Mills (Cotton), Jamestown, N. Y.
Lowell Textile Co. (Union), No. Chelmsford, Mass.
Niagara Textile Co. (Also Toweling), Lockport, N. Y.

15827— Towels (Knitted)

San-Knit-ary Textile Mills, 10th & Diamond, Philadelphia, Pa.

15828— Towels (Linen)

Avon Mills Co., Lewiston, Me.
Cannon Mfg. Co., Concord, N. C.
Dundee Mills, Hookset, N. H.
Franklin Mills Corp. (Plain Hem & Hemstitched), Unionville, Mass.
Granite Linen Co., Wortendyke, N. J.
Lockport Textile Co., Lockport, N. Y.
Lowell Textile Co., No. Chelmsford, Mass.
McArthur Geo. & Son (Crash), Baraboo, Wis.
Meredith Linen Mills (Linen Crash Toweling), 79 Milk, Boston, Mass.
National Crash Co. (Crash Toweling), Millbury, Mass.
Stevens Linen Works (Linen Crash Toweling), Webster, Mass.
Western Linen Co., Duluth, Minn.

15828a— *Towels (Machinery)

OIL & WASTE SAVING MACHINE CO. Real Estate Trust Bldg, Philadelphia, Pa.

15829— Towels (Paper)

A. P. W. Paper Co., Albany, N. Y.
Baum Bros. Co., Denver, Col.
Burnitol Mfg. Co. Orient av, Boston, Mass.
Clifton Chemical Co., 317 Greenwich, New York
Continental Paper Bag Co., 17 Battery pl, New York
Erving Paper Mills, Erving, Mass.
Hollingsworth & Vose Co. ("Norfolk"), 141 Milk, Boston, Mass.
National Paper Products Co., San Francisco, Cal.
Northern Paper Mills, Green Bay, Wis.
Paper Mills Specialty Co. (Crepe), 162 W Kinzie, Chicago, Ill.
Paper Service Co., Hinsdale, N. H.
Peerless Mfg. Co., Norristown, Pa.
Progressive Paper Products Co., 238 4th av, Pittsburgh, Pa.
Pick Albert & Co., 212 W Randolph, Chicago, Ill.
Robertson W. F. & Co., Hinsdale, N. H.

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Sanquoit Tailet Paper Co., Hartford, Conn.
Scott Paper Co., 7th & Glenwood av, Phila., Pa.
Stone & Forsyth Co., 67 Kingston, Baston, Mass.
Tuttle Press Co. ("Dr. Whedon's" Sanitary), Appleton, Wis.
UNION PAPER & TWINE CO., ("Driquick"), 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bld, Buffalo, N. Y. *See adv index at end of book*
United States Paper Mills, Chambersburg, Pa.
Vestal Liquid Soap & Disinfectant Co. (Public Service) **1121 Pine, St. Louis, Mo.**
Wayne Paper Goods Co. ("Sani-Paper"), Ft. Wayne, Ind.

15830— Towels (Turkish)

Blair Mills, Belton, S. C.
Chatauqua Towel Mills, Jamestown, N. Y.
Colonial Towel Mfg. Co., Clifton Heights, Pa.
Falconer Towel Mills, Falconer, N. Y.
Foster Louis H., D & Tioga, Philadelphia, Pa.
Great Barrington Mfg. Co., Great Barrington, Mass.
Greenhalgh Brothers, 2218 Martha, Phila., Pa.
Holt Mfg. Co., Paterson, N. J.
Jamieson's D. Sons, Trenton & Sargent, Phila., Pa.
Kershaw John W. Co., 23rd & Hamilton, Phila., Pa.
Kershaw Nelson, Clifton Heights, Pa.
Lafayette Mills Co., Howard & Lehigh av, Phila., Pa.
McArthur Geo. & Son, Baraboo, Wis.
Margerison W. H. & A. E. & Co., Jasper & Huntington, Philadelphia, Pa.
Neuberger Fred'k & Co., Paterson, N. J.
Rajah Mfg. Co., Jasper & Huntington, Phila., Pa.
Standard Towel Co., Newton, N. J.
Star & Crescent Co., Lehigh av & Hancock, Phila., Pa.
Ward-Meehan Co., Lehigh av & Howard, Phila., Pa.
Welch A. P. Co., Glen Riddle, Pa.
Woodstock Cotton Mills (Bath), Anniston, Ala.

15831— Towels (Union)

Chautauqua Towel Mills, Jamestown, N. Y.
Franklin Mills Corp., Unionville, Mass.
Lowell Textile Co., N Chelmsford, Mass.

Towels (Wiper)

See Wiper Towels

15831a— *Tower Sheaves

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

Towers (Bell & Observation)

See Tanks & Towers, Steel

15832—Towers (Cement Cooling)

United Iron Works Co., Kansas City, Mo.

15833—*Towers (Combined Forced & Natural Draft Cooling

COOLING TOWERS

We build the well-known Wheeler-Balcke Cooling Towers (Natural Draft), also
Wheeler-Barnard Cooling Towers (Forced Draft).
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Carteret, New Jersey

WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book

15833a—*Towers (Forced Draft Cooling)

WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book

15834—Towers (Hoisting, for Coal & Ore)

See also Coal & Ore Handling Machinery
HAYWARD CO., THE (Incline, Steeple & Traveling), 50 Church, New York
See adv index at end of book
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Mead-Morrison Mfg. Co., c Prescott & Orleans, East Boston, Mass.
Milholland J. & J. B. Co., 714 5th av, Pittsburgh, Pa.
ROBINS CONVEYING BELT CO., 13 Park Row, New York
See adv index at end of book

15835—Towers (Hoisting, for Concrete)

Archer Iron Works, 2436 W 34th pl, Chicago, Ill.
Memphis Steel Constr. Co., Magee bldg, Pittsburgh, Pa.
Ransome-Leach Co. (Steel), 115 B'way, New York

15836— Towers (Steel)

See also Tanks & Towers, Steel
Schlichter E. F. Co., 10 S 18th, Phila., Pa.
WALSH & WEIDNER BOILER CO., Chattanooga, Tenn.
See adv index at end of book

Towers (Transmission)

See Transmission Towers & Structures, Electric

15837—Towers (Water Cooling)

ALBERGER PUMP & CONDENSER CO., 140 Cedar, New York
Baragwanath Wm. & Son, 53 W. Jackson blvd, Chicago, Ill.
Bouchard Jno. & Sons Co., Nashville, Tenn.
Burhorn Edwin Co. ("Burhorn"), 71 Wall, New York
Cooling Tower Co., 15 John, New York
Dover Boiler Works, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Hart B. F. Jr. & Co., 50 Church, New York
International Steam Engineering Co. ("Jennison"), Atlanta, Ga.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Munroe R. & Sons Mfg. Corp., 23rd & Smallman, Pittsburgh, Pa.
Parker Machine & Fan Works, Kansas City, Kansas
Ruemmeli-Dawley Mfg. Co. ("Gradirs"), 3900 Chouteau av, St. Louis, Mo.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
United Iron Works Co. (For Ice Plants), Kansas City, Mo.
Walsh & Weidner Boiler Co., Chattanooga, Tenn. *See adv index at end of book*
Wheeler C. H. Mfg. Co. ("Wheeler-Pratt"), Lehigh & N 18th, Phila., Pa.
WHEELER CONDENSER & ENGINEERING CO. ("Wheeler - Barnard," "Wheeler-Balcke"), Carteret, N. J.
See adv index at end of book
Worthington Pump & Machy. Corp. (Ground Type), 115 B'way, New York
See adv index at end of book

Towers (Windmill)

See Tank & Towers, Steel

Towers (Wireless)

See Transmission Towers & Structures, Electric

Toy Banks

See Banks, Saving

15838—Toy Metal Building Materials

Gilbert A. C. Co. ("Erector"), New Haven, Conn.
Meccano Co., 46 W 24th, New York
Structo Mfg. Co. ("Structo" for Toys, Models, etc), Freeport, Ill.
Watrous Mfg. Co., ("Modelit") East Hampton, Conn.

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BRANCH SALES OFFICES—New York New Orleans Dallas Birmingham Havana

15839— Toys (Electric)

See also Motors, Battery

Bunnell J. H. & Co., 32 Park pl, New York
Carlisle & Finch Co., 229 E Clifton av, Cincinnati, O.
Dongan Electric Mfg. Co., Detroit, Mich.
Elektra Toy & Novelty Co., 400 Lafayette, New York
Federal Toy Co., 168 Greene, New York
Gilbert A. C. Co., New Haven, Conn.
Harvey W. A., Scranton, Pa.
H-K. Toy & Novelty Co., Indianapolis, Ind.
Howard Miniature Lamp Co., 338 Main, E Orange, N. J.
Hughes D. C. & Co., 4642 Ravenswood av, Chicago, Ill.
Interstate El. Novelty Co., 104 S 4th, Brooklyn, N. Y.
Ives Mfg. Corp., Bridgeport, Conn.
Jefferson Elec. Mfg. Co., 847 W Harrison, Chicago, Ill.
Kendrick-Davis Co., Lebanon, N. H.
Knapp Electric & Novelty Co. ("Electric Questioner"), 511 W 51st, New York
Lionel Mfg. Co., 48 E 21st, New York
McCandless H. W. & Co., 406 W 31st, New York
Meccano Co., 46 W 24th, New York
Mirroscope Co., Waterloo rd, Cleveland, Ohio
National French Fancy Novelty Co., 276 Hindsdale, Brooklyn, N. Y.
New Toy Co., 143 Bleecker, Newark, N. J.
Ohio Electric Works, Cleveland, O.
Rhode Island Telephone & Electric Co. ("Baby Dynamo"), 55 Pine, Providence, R. I.
Rittenhouse A. E. Co., Honeoye Falls, N. Y.
Rosen A. W. & Co., 610 B'way, New York
Russell Electric Co. ("Memiphone"), Danbury, Conn.
Structo Mfg. Co., Freeport, Ill.
Swedish Am. Telephone Co., 5235 Ravenswood av, Chicago, Ill.
Thompson A. T. & Co., 15 Tremont pl, Boston, Mass.
Thordarson Elec. Mfg. Co., 518 S Jefferson, Chicago, Ill.
Triangle Electro Trading Co., 79 Chambers, New York
Universal Novelty Wks. (Magic Lanterns), 164 5th av, New York
Viking Elec. Co., 154 Chambers, New York
Voltamp Electric Mfg. Co., 407 N Paca, Baltimore, Md.
Weeden Mfg. Co., New Bedford, Mass.
White H. C. Co., No. Bennington, Vt.
Wolverine Supply & Mfg. Co., Page & Fontella, Pittsburgh, Pa.
Wood C. D. Elec. Co., 441 B'way, New York
Yankee Mfg. Co., Cleveland, Ohio

15840—Toys, Games & Novelties

Alexander-Kramer Co. (Educational Toys), Dayton, O.
Allaire Woodworkers (Inc.), Allaire, N. J.
Amer Doll Mfg. Co., 61 Wooster, New York
American Flyer Mfg. Co. ("Motorcycle Mike" & "Slippery Slim"), 2219 S Halsted, Chicago, Ill.
American Made Stuffed Toy Co., 123 Bleecker, New York
American Mfg. Concern (Blocks, Tool Chests & Benches), Falconer, N. Y.
American Mechanical Toy Co., Dayton, O.
American Soldier Co., Myrtle & De Boo pl, Glendale, N. Y.
American Toy Works (Paper), 7 Chatham sq, New York
Arcade Mfg. Co., Freeport, Ill.
Archery Co., Glens Falls, N. Y.
Arden Mfg. Co., Guttenberg, N. J.
Atkins & Co., 7 S Mole, Phila., Pa.
Austen J. I. Co., 1323 Michigan av, Chicago, Ill.
Baumgarten & Co., (Printing Sets), 213 E. Fayette, Baltimore, Md.
Benner Mfg. Co., Lancaster, Pa.
Bennett Mfg. Co., Plymouth, Mich.
Bennett Mfg. Co. (Wooden), Portland, Me.
Bens S. J. Mfg. Corp., Herkimer, New York
Bevin Bros. Mfg. Co., Easthampton, Conn.
Bing Bros., 381 4th av, New York
Bleazby Bros., 337 Woodward av, Detroit, Mich.
Bloch Go-Cart Co., 1136 North American bldg, Phila., Pa.
Bogert & Hopper (Checkers, Pencil Cases, Wooden), 67 Barclay, New York
Borgfeldt Geo. & Co., 16th & Irving pl, New York
Bowman Geo. H. Co. ("Jumbo Wheel"), 224 Euclid av, Cleveland, O.
Bradley Milton Co., Springfield, Mass.
Bradway Novelty Co. (Soap Bubblers), 1 W B'way, New York
Bregwoodkro Stamping & Mfg. Co. ("Echo," Telephone), Lorain, O.
Buffalo Toy Co., 10 Elk, Buffalo, N. Y.
Burr-Vack Co. (Base Ball Games), 511 S Wabash av, Chicago, Ill.
Butler Doll Stand Co. (Doll Stands), Oak Park, Ill.
California Notion & Toy Co., 555 Market, San Francisco, Cal.
Carlin D. N. Co., 127 Denniston, Pittsburgh, Pa.
Carriage & Toy Co., 741 W Lombard, Baltimore, Md.
Carrom Co., Ludington, Mich.
Carter C. E. Co., Erie, Pa.
Cass N. D. Co., Athol, Mass.
Central Wheel & Mfg. Co., Sturgis, Mich.
Cincinnati Time Recorder Co. (Toy Printing Presses), 1733 Central av, Cincinnati, O.
Clement L. D. North Weare, N. H.
Climax Mfg. Co., East Hampton, Conn.
Converse M. E. & Son, Winchendon, Mass.
Craw Wm N. Mfg. Co., South Norwalk, Conn.
Dorr Wallie Co., 35 Murray, New York
Drewry Bros., North Weare, N. H.
Ehinger-Vogt Co., Palmyra, Mich.
Elektra Toy & Novelty Co., (Dolls) 400 Lafayette, New York.
Elitsac Mfg. Co., Castile, N. Y.
Ellsworth Hardwood Co. (Wood), Ellsworth, Me.
Elm City Mfg. Co., New Haven, Conn.
Embossing Co., Albany, N. Y.
ESTES E. B. & SONS (Wooden), 364 5th av, New York
See adv index at end of book
Evans H. C. & Co. (Race Tracks), 1522 W Adams, Chicago, Ill.
Fox J. H. & Son, Berea, Ohio
Frary Mfg. Co. (Wooden), Charlemont, Mass.
Fuld Wm., 1228 N Central av, Baltimore Md.
Garton Toy Co., Sheboygan, Wis.
Gibbs Mfg. Co., Canton, Ohio
Gilbert A. C. Co., New Haven, Conn.
Gong Bell Mfg. Co., Easthampton, Conn.
Grammes L. F. & Sons (Metal Parts for Toys), Allentown, Pa.
See adv index at end of book
Granite State Mfg. Co., Concord, N. H.
Hammond J. T. & Son, 4534 Hedge, Philadelphia, Pa.
Hampden Toy Co., Westfield, Mass.
Hawes J. Mfg. Co., Towanda, Pa.
H. K. Toy & Nov. Co., Indianapolis, Ind.
Hill N. N. Brass Co., Easthampton, Conn.
Horsman E. I. Co., 11 Union sq, New York
Humpton-Scott Co., Columbus, O.
Ingersoll Robt. H. & Bro., 315 4th av, New York
Interstate Electric Novelty Co. (Electric Novelties, Flashlights), 104 S 4th, New York
Janesville Products Co. (Coaster Wagons & Vehicles), Janesville, Wis.
Kazoo Go-Bang Co., Kalamazoo, Mich.
Kirby Mfg. Co., Middletown, Conn.
Kirk-Latty Mfg. Co. (Wheelbarrows, etc), W 85th, bet Detroit & Madison avs, Cleveland, O.
Knapp Electric & Novelty Co., 511 W 51st, New York
Lebanon Nov. Co., Lebanon, Pa.
Lionel Mfg. Co., 48 E 21st, New York.
McLoughlin Bros., 890 B'way, New York
Manhattan Electrical Supply Co. (Toys, Electrical Transformers, 110 Volts), 17 Park pl, New York
See adv index at end of book
Mansfield Novelty Co., Mansfield, Pa.
Marks Mfg. Co., 101 Albany, Boston, Mass.
Marks & Knoring Co. (Dolls), 40 Winchester, Boston, Mass.
Mason & Parker Mfg. Co. (Garden Tools), Winchendon, Mass.
Meinecke Mfg. Co. (Wooden Hobby Horses), Richards, Milwaukee, Wis.
Metal Toy Soldier Co. (Tin Soldiers), 156 Chestnut av, Jersey City, N. J.
Michigan Game Board Mfg. Co., Flint, Mich.
Modern Toy Co. (Dolls), 181 Belmont av, Brooklyn, N. Y.
National Advertising Co. (Wooden), Seneca Falls, N. Y.
National Co. (Talking Machine), 277 Congress, Boston, Mass.
National French Fancy Novelty Co. (Stuffed Toys), 276 Hinsdale, Brooklyn, N. Y.
New Chicago Specialty Co. (Decorated Burnt Wood Doll Furniture, etc), New Chicago, Ind.
New England Lock & Hinge Co. (Toy Hardware), Winchendon, Mass.
Nicol & Co., 218 N Jefferson, Chicago, Ill.
Noble & Cooley Co. (Drums, etc), Granville, Mass.
Olympia Games Co., 126 S Clinton, Chicago, Ill.
Original Mfg. Co. (Bob Skates, etc.), Greenville, Mich.
Papier Mache Works of America (Paper Mache), 115 Spring, New York.
Parker Bros. (Toys & Games, etc.), Salem, Mass.
Parlor Golf Co., Hoboken, N. J.
Pearl Art Wks. (Checker Boards), 673 W Madison, Chicago, Ill.
Penn Toy Co. (Periscopes) 5125 Coral, Pittsburgh, Pa.
Philadelphia Game Co., 337 N 3d, Phila., Pa.
Phillips & Buttorff Mfg. Co. (Stoves), Nashville, Tenn.
Potter Mfg. Co. (Garden Tools), Geneva, Ohio
Price W. R. Inc. ("Umakem" Toy Outfits), 127 5th av, New York
Quaddy Playthings Mfg. Co. (Toys, Dolls & Games), Kansas City, Mo.
Richmond Bros. Co. ("Newello" Magic Slates) 177 Chestnut, Newark, N. J.
Richmond Cedar Works, Fulton, Richmond, Va.
Rockwell Jno. L., Monroeton, Pa.
Rollman Mfg. Co. (Ltd.), Mount Joy, Pa.
Runnels E. A. & Co., 116 Pearl, Boston, Mass.
Schlesinger Leo & Co., 66 Wooster, New York
Schoenhut A. Co. (Pianos, Guns, Sail Boats, Shooting Galleries, Soldier Equipments, Circus Toys, etc.), Adams & Sepviva, Phila., Pa.
Secor Mfg. Co., 112 E 23rd, New York
Selchow & Righter Co., 620 B'way, New York
Shanafelt Mfg. Co. (Mechanical), Canton, Ohio
South Bend Toy Mfg. Co. (Game Boards, Croquet, Doll Cabs, Go-Carts, Wagons & Furniture), South Bend, Ind.
Stearns E. C. & Co. (Rollomobile & Ridamobile), 450 Oneida, Syracuse, N. Y.
Steele Table Co. (Wooden Toys), Port Norfolk, Portsmouth, Va.
Steinfeld Bros. (Wagons, Swinging Horses, Carriages, Furniture, Hand Cars, etc), 116 W 32d, New York
Stevens J. & E. Co., Cromwell, Conn.
Stratton Mfg. Co. (Wooden), Stratton, Me.
Strobel & Wilken Co. (Imp.), 61 W 23d, New York
Structo Mfg. Co. (Educational Toys), Freeport, Ill.
Toledo Metal Wheel Co. (Automobiles, Carriages & Tricycles), Toledo, O.
Topliffe Ely Co., Washington, Pa.
Towle F. S. Co. (Mechanical Tin Toys), 332 B'way, New York
Toy Tinkers, Evanston, Ill.
Travers G. W. & Co., 146 Chambers, New York
Trion Toy Co. (Dolls), B'way & Bedford av, Brooklyn, N. Y.
Upton Machine Co., St. Joseph, Mich.
Whitney Reed Corp., Leominster, Mass.
Wilder Mfg. Co. (Toy Furniture), 17th & Clinton, St. Louis, Mo.
Wilkins Toy Co. (Garden Tools), Keene, N. H.
Wolverine Supply & Mfg. Co., Page & Fontella, Pittsburgh, Pa.

15841—Toys (Iron & Steel)

Arcade Mfg. Co., Freeport, Ill.
Central Stamping Co. (Tin, etc), 174 Fulton, New York
Dent Hardware Co., Fullerton, Pa.
Electric Tip Co. (Vacuum Tipped Guns & Pistols), 370 Atlantic av, Boston, Mass.
Grey Iron Casting Co. (Iron Trains, Banks, Ranges, Tools, Sad Irons, etc), Mt. Joy, Pa.
Hubley Mfg. Co. ("Lancaster"), Lancaster, Pa.
Ingersoll Robt. H. & Bro., 315 4th av, New York

Ives Mfg. Corp. (Cars, Locomotives, Houses, Fire Engines, etc), Bridgeport, Conn.
Kenton Hardware Co. (Banks, Ranges, Fire Depts. & Wheel Toys, Cap Pistols & Blank Cartridges, Pistols, etc), Kenton, O.
Kilgore Mfg. Co. (Machine Guns), Homestead, Pa.
Lodge Mfg. Co., S Pittsburgh, Tenn.
Moyer-Shaw Mfg. Co., Detroit, Mich.
Nicol & Co., 218 N Jefferson, Chicago, Ill.
Rollman Mfg. Co. (Ltd.), Mount Joy, Pa.
Stevens J. & E. Co. (Iron), Cromwell, Conn
Weeden Mfg. Corp. (Steam & Electric), New Bedford, Mass.
Williams A. C. Co. (Iron Only), Ravenna, Ohio
Wrightsville Hdw. Co. (Hammers, Hatchets, Shovels, etc), Wrightsville, Pa.

15842— Toys (Mechanical)

See also Toys, Electric; Toys, Games & Novelties; Locomotives & Railways, Minature
Animate Toy Co., (Bug Sets, Games, etc), 31 E 17th, New York
Bing Bros., 381 4th av, New York
Carrollton Novelty Co., Carrollton, O.
Converse M. E. & Son, Winchendon, Mass.
Dayton Friction Toy Works, Dayton, O.
Gibbs Mfg. Co., Canton, O.
Gilbert A. C. Co., New Haven, Conn.
Gund Mfg. Co., 440 W 42d, New York
Ives Mfg. Corp., Bridgeport, Conn.
Mechanical Novelty & Mfg. Co., St. Louis, Mo.
Schieble Toy & Novelty Co., Dayton, O.
Shanafelt Mfg. Co., Canton, O.
Superior Toy Works (Toy Boats), 1247 Marquette rd, Cleveland, O.
Wilkins Toy Co., Keene, N. H.
Wolverine Supply & Mfg. Co., Page & Fontella, Pittsburgh, Pa.

15843— Toys (Rubber)

Faultless Rubber Co. (Balloons, Balls, etc), Ashland, O.
Goodrich B. F. Co., Akron, O.
Gregory Rubber Co., Akron, O.
Miller Rubber Co., Akron, O.
NEW YORK RUBBER CO., 323 W Randolph, Chicago, Ill., Reade & Church, New York
Western Reserve Rubber Co., South Akron, Ohio

15844—Tracing Cloth Pounce

Keuffel & Esser Co., Hoboken, N. J.

15845—Tracing Cloth & Paper

ANGEL H. REEVE & CO., INC., 7 Spruce, New York
Cardineli-Vincent Co. (Vellum Tracing Paper, 577 Market, San Francisco, Cal.
Defiance Mfg. Co., 22 E 41st, New York
Elliott B. K. Co., 126 6th, Pittsburgh, Pa.
Indianapolis Blue Print & Supply Co. (Importers), Century bldg, Indianapolis, Ind.
Keuffel & Esser Co. (Paper), Hoboken, N. J.
National Tracing Cloth Co. (Cloth), Saylesville, R. I.
Palmer Co., 157 Westminster, Providence, R. I.
Pease C. F. Co., 220 W Institute pl, Chicago, Ill.
St. George Henry V., 8 Grand, New York

15845a— *Track (Bolt & Chip)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

15845b— *Track (Cast Plate)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

15845c—*Track (Cross-Overs)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

15845d— *Track (Curved)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

15845e— *Track (Industrial)

See also Track (Railway, Industrial & Portable)

15845f— *Track (Narrow Gauge)

15845g— *Track (Portable)

See also Track (Railway, Industrial & Portable)

15845h— *Track (Riveted)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

15846—Track Movers (Railway)

Mann-McCann Co. ("Greese"), 305 S La Salle, Chicago, Ill.

15847—*Track (Railway, Industrial & Portable)

Atlas Engineering Co., Amherst, O.
See adv index at end of book
LAKEWOOD ENGINEERING CO., Cleveland, O. *See adv index at end of book*

Track Sanders

See Locomotive Sanders

Track Sprinklers

See Cars, Sprinkling, Street Railway

15847a— *Track (Switches)

See also Switches (Track, Street Railway)
Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

15847b—*Track & Switches (Portable & Permanent)

Wharton Wm. Jr. & Co., Inc., Easton, Pa.

15848— *Trackage (Monorail I Beam)

GILBERT-GRANT CO., 143 B'way, New York *See adv index at end of book*
Shepard Electric Crane & Hoist Co., Montour Falls, N. Y.
See adv index at end of book

15849—Tracking (Slaughter House)

Allbright-Nell Co., 5323 Western blvd, Chicago, Ill.
Brecht Co. (Overhead), 1201 Cass av, St. Louis, Mo.

15849a—*Trackless Haulage System

15850—Tracks (Cast Iron Plate)

Easton Car & Construction Co., 15 Center sq, Easton, Pa.
See adv index at end of book
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book

15851—Tracks (Door Hanger)

Ford Pulley & Hardware Co., Inc., 404 4th av, New York
See adv index at end of book
McKinney Mfg. Co. (For Barn Doors), N S, Pittsburgh, Pa.
MYERS F. E. & BRO. ("Myers O. K.", "Myers Giant" Tubular, "New Way" & Tubular Girder Hercules Storm Proof "Faultless"), 800 Orange, Ashland, O. *See adv index at end of book*
Porter J. E. Co. (For Barn Doors), Ottawa, Ill.
Sharon Hardware Mfg. Co., Sharon, Pa.

15852—Tracks (Hay Carrier)

Hunt, Helm, Ferris & Co. ("Star" Steel & Wood), Harvard, Ill.
MYERS F. E. & BRO. (Double Rail & Single Rail), 800 Orange, Ashland, O.
See adv index at end of book
Strickler Hay Tool Co. ("Strickler" Steel), Janesville, Wis.

Tracks (Portable)

See Railways, Industrial & Portable

Tractors

See following headings, also Engines, Tractors

15852a—*Tractors (Electric, Storage Battery)

15852b— *Tractors (Four Wheel Drive & Steer)

Engineering Co. (Storage Battery), Cleveland, Ohio
Lakewood Engineer Co.
See adv index at end of book

15852c— Tractors (Farm)

See also Engines (Traction)

Acme Harvesting Machine Co., Peoria, Ill.
Advance-Rumely Co., La Porte, Ind.
Albert Lea Tractor & Mfg. Co., Albert Lea, Minn.
Allis-Chalmers Mfg. Co., Milwaukee, Wis.
See adv index at end of book
Am. Eng. & Tractor Co., Charles City, Ia.
Am. Tractor Corp., Peoria, Ill.
Andrews Tractor Co., 26th & University av, Minneapolis, Minn.
Appleton Mfg. Co., Batavia, Ill.
Aultman & Taylor Machy. Co., Mansfield, O.
Austin F. C. Drainage & Excavator Co., Chicago, Ill.
Avery Co., Peoria, Ill.
Beam Spray Pump Co., San Jose, Cal.
Beeman Garden Tractor Co., 711 5th av N E, Minneapolis, Minn.
Beltrail Tractor Co., St. Paul, Minn.
Brillion Iron Works, Brillion, Wis.
Buckeye Mfg. Co., Anderson, Ind.
Bull Tractor Co., 2628 Univ av S E, Minneapolis, Minn.
Case J I Threshing Machine Co., Racine, Wis.
Chase Motor Truck Co., 332 S West, Syracuse, N. Y.
Cleveland Motor Plow Co., Cleveland, O.
Cleveland Tractor Co., Euclid & Lamb av, Cleveland, Ohio
C. O. D. Tractor Co., 309 Washington av, Minneapolis, Minn.
Common Sense Gas Tractor Co., 622 S E 9th, Minneapolis, Minn.
Corn Belt Tractor Co., 2701 Univ. av, S E Minneapolis, Minn.
Dauch Mfg. Co., Sandusky, O.
Dayton Dick Co. ("Leader"), Quincy, Ill.
Depue Bros. Mfg. Co., Clinton, Ia.
Eagle Mfg. Co., Appleton, Wis.
Ebert Tractor Co., Chicago, Ill.
Electric Wheel Co., Sta D, Quincy, Ill.
See adv index at end of book
Elgin Tractor Corp., Piqua, O.
Emerson-Brantingham Co., Rockford, Ill.
Fageol Motors Co., Oakland, Cal.

TRACTORS (FARM)—continued

Fairmont Gas Engine & Ry. Motor Car Co., Fairmont, Minn.
Farm Hose Tractor Works, Hartford, S. D.
Farquhar A. B. Co., Ltd., York, Pa.
Ford Tractor Co., Dearborn, Mich.
Four Drive Tractor Co., Big Rapids, Mich.
Frick Co., Waynesboro, Pa.
General Motors Truck Co., Pontiac, Mich.
Geneva Tractor Co., Geneva, Ohio.
Gile Tractor & Engine Co., Ludington, Mich.
Grain Belt Tractor Co., Fargo, N. Dak.
Gray Tractor Mfg. Co., 1030 N E Marshall, Minneapolis, Minn.
Hackney Mfg. Co., cor Pior & Univ, St. Paul, Minn.
Happy Farmer Co., 322 3d av, Minneapolis, Minn.
Hart Parr Co., Charles City, Ia.
Hoke Tractor Co., South Bend, Ind.
Hollis Tractor Co., Pittsburgh, Pa.
Huber Mfg. Co., Marion, Ohio
Illinois Silo Co., Bloomington, Ill.
International Harvester Co. of America, Harvester bldg, Chicago, Ill.
Interstate Tractor Co., Waterloo, Iowa
Joliet Oil Tractor Co., Joliet, Ill.
Kansas City Hay Press Co., Kansas City, Mo.
Kardell Tractor & Truck Co., St. Louis, Mo.
Keck-Gonnerman Co., Mt. Vernon, Ind.
Killen-Strait Mfg. Co., Appleton, Wis.
Kinnaird-Haynes Co., 44th av N & Bryant, Minneapolis, Minn.
La Crosse Motor Truck Co., La Crosse, Wis.
La Crosse Tractor Co. ("Happy Farmer"), La Crosse, Wis.
Lauson John Mfg. Co., New Holstein, Wis.
Leader Tractor Mfg. Co., Des Moines, Ia.
Lenox Motor Car Co., 889 Boyleston, Boston, Mass.
Leonard Tractor Co., Detroit, Mich.
Liberty Tractor Co., Minneapolis, Minn.
Lion Tractor Co., 2d Bank bldg., Minneapolis, Minn.
Lyons Atlas Co., Indianapolis, Ind.
McIntyre Mfg. Co., 172 W Locust, Columbus, O.
Manfer Truck Co., 5035 Wabash av, Chicago, Ill.
Master Tractor Co., Minneapolis, Minn.
Mayer Bros. Co., Mankato, Minn.
Minneapolis Steel & Machy. Co., 29 & Drexel, Minneapolis, Minn
Minneapolis Threshing Machine Co., 226 N 2d, Minneapolis, Minn.
Minnesota Tractor Co., Minneapolis, Minn.
Moline Plow Co., Moline, Ill.
Monarch Tractor Co. ("Neverslip" & "Lightfoot" Watertown, Wis.
National Tractor Co., Chicago, Ill.
New Age Tractor Co., 3046 Snelling av, Minneapolis, Minn.
Nichols Shepard Co., Battle Creek, Mich.
Nilson Farm Machine Co., 426 Wash. av N, Minneapolis, Minn.
Ohio Mfg. Co., Upper Sandusky, O.
Oliver Tractor Co., Knoxville, Tenn.
Parrett Tractor Co., 343 S Dearborn, Chicago, Ill.
Peoria Tractor Co., Peoria, Ill.
Pioneer Tractor Mfg. Co., Winona, Minn.
Plano Tractor Co., Plano, Ill.
Pocahontas Mfg. Co., Charles City, Ia.
Pontiac Tractor Co., Pontiac, Mich.
Remy Bros. Co., Kokomo, Ind.
Rock Island Plow Co., Rock Island, Ill.
Russell & Co., Massillon, Ohio
Samsonlieve Grip Tractor Co., Stockton, Cal.
Sexton Tractor Corp., Asbury Park, N. J.
Short Turn Tractor Co., Globe bldg, Minneapolis, Minn.
S. K. & S. Co., El Paso, Ill.
Square Turn Tractor Co., Chicago, Ill.
Standard Tractor Co., 2324 University av, St. Paul, Minn.
Star Tractor Co., Findlay, Ohio
Stinson Tractor Co., Minneapolis, Minn.
Topp-Stewart Tractor Co., Clintonville, Wis.
Townsend Mfg. Co., Janesville, Wis.
Tractor J. T. Co., 5801 Euclid av, Cleveland, O.
Trenham Tractor Co., Stevens Point, Wis.
Trojan Unit Tractor Co., Waterloo, Ia.
Turner Mfg. Co., Port Washington, Wis.
U. S. Tractor Co., Minneapolis, Minn.
Vail Rentschler Tractor Co., Hamilton, O.
Velie Motors Corp. Moline, Ill.
Wallis Tractor Co., Racine, Wis.
Waterloo Gasoline Engine Co., 625 Miles, Waterloo, Ia.
Weber & Damme Wagon Co., 1621 Broadway, St. Louis, Mo.
Wichita Tractor Co., Wichita, Kan.
Wisconsin Farm Tractor Co., Sauk City, Wis.
Worthington Pump & Machy. Corp., 115 Broadway, New York
See adv index at end of book
Yuba Construction Co., Exch. bldg, San Francisco, Cal.
Zelle Tractor Co., St. Louis, Mo.

15852d—Tractors (Gas & Steam)

See also Engines (Tractor)

Gerdes & Co., 42 Church, New York
See adv index at end of book

TRACTORS STEAM and GAS
GERDES & COMPANY
42 Church St., N. Y. C.

15853—Tractors (Kerosene)

Hession Tiller & Tractor Corp. (Farm Tillers), (Hessian), Buffalo, N. Y.

15853a— *Tractors (Rubber Tired Storage Battery)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

15853b— *Trading Stamps

KEYSTONE PRINTED SPECIALTIES CO. 327 Pear, Scranton, Pa.

15854—Tragacanth Importers

Anderson P. E. & Co., 99 John, New York
Bird J. A. & W. & Co. (Imp.), 88 Pearl, Boston, Mass.
Bredt F. & Co., 240 Water, New York
Jacob Chas. W. & Allison, 18 Cedar, New York
Klipstein A. & Co., 644 Greenwich, New York
Lyon Julian W., 101 Beekman, New York
Salomon L. A. & Bro., 216 Pearl, New York
Scheel Wm. H., 159 Maiden la, New York
Strahl & Pitsch, 141 Front, New York
Thurston & Braidich, 27 Cliff, New York
Wolf Jacques & Co., Passaic, N. J.
Worden Chemical Works, 4 Cedar, New York

15854a— Trailer Parts (Rear End Construction)

Martin Rocking Fifth Wheel Co., Springfield, Mass.

15854b *Trailers (Castor Type)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

15854c— *Trailers (Fifth Wheel)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

15854d— *Trailers (Four Wheel Steer)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

15854e— *Trailers (Heavy Duty)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

15854f—*Trailers (Industrial)

See also Truck Trailers Automobile

ELECTRIC WHEEL CO., Station D, Quincy, Ill. ***See adv index at end of book***

LAKEWOOD BUILT TO LAST **The LAKEWOOD ENGINEERING Co.** CLEVELAND. OHIO U.S.A.

15855—Train Despatching Equipment (Telephone)

General Railway Signal Co., Rochester, N. Y.
Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.

15856— Trains (Roll)

Danville Fdry. & Mach. Co., Danville, Pa.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Lewis Foundry & Machine Co., Groveton, Pa.
Morgan Construction Co., Worcester, Mass.
National Roll & Foundry Co., Avonmore, Pa.
United Engng. & Fdry. Co., 307 5th av, Pittsburgh, Pa.

15857— Trammels

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
See adv index at end of book
Goodell-Pratt Co., Greenfield, Mass.
Huebel Mfg. Co., 103 Monroe, Newark, N. J.
Sawyer Tool Mfg. Co., Ashburnham, Mass.
STARRETT L. S. CO. (THE) (Extension Beam, etc), Athol, Mass.
See adv index at end of book

Tramrails

See Trolleys & Trolley Tracks, Overhead

15858—*Tramways (Bridge)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Macomber & Whyte Rope Co., Racine av, Kenosha, Wis.

15859— Tramways (Gravity)

Hallidie Co. (For Ore, etc.), Spokane, Wash.
Macomber & Whyte Rope Co., Racine av, Kenosha, Wis.

15860—*Tramways (Wire Rope)

Fischer & Hayes Rope Co., 602 W Lake, Chicago, Ill.
See adv index at end of book

Tramways & Trolleys

See Trolleys & Trolley Tracks, Overhead; also Wire Rope Tramways

15860a— *Transfer Cars

See also Cars (Transfer)

LAKEWOOD BUILT TO LAST **The LAKEWOOD ENGINEERING Co.** CLEVELAND. OHIO. U.S.A.

Transfer Scrolls

See Ornaments, Transfer

15861— *Transfer Tables (Hand Power)

Wharton Wm. Jr. & Co., Inc., Easton, Pa.

15862—*Transfers (Endless)

LINK-BELT COMPANY ("Link-Belt"), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa. *See adv index at end of book*

15863—Transformer, Oil Dryer & Purifier

Hunt Edw. J. ("Hunt"), 707 Ordway bldg, Newark, N. J.

15864— Transformers

Adams-Bagnall Electric Co., Cleveland, O.
ALLIS-CHALMERS MFG. CO. (Light & Power Electric), Milwaukee, Wis.
See adv index at end of book

American Transformer Co. ("American," High & Low Frequency Type & Oil), 145 Miller, Newark, N. J.
Arrow Mfg. Co. ("Arrow" Low Voltage, Bell Ringing), Toledo, O.
Ashbrook Electric Co., 411 Ravenswood av, Chicago, Ill.
Burke Electric Co., Erie, Pa.
Butler-Edwards Electric Co., Easton, Pa.
Campbell Electric Co. ("Lowvolt" for Tungsten Lamps, etc), 17 Stewart, Lynn, Mass.
Clapp-Eastham Co. ("Blitzer", High Frequency Type), Cambridge, Mass.
Condit Electrical Mfg. Co., ("Condit" Current & Potential), 1st & L, Boston, Mass.
Connecticut Telephone & Electric Co., Meriden, Conn.
Crocker-Wheeler Co. ("Remlk"), Ampere, N. J.
Cumberland Elec. Mfg. Co., Memphis, Tenn.
Cushman Electric Co. ("Cushman" Rotary), Concord, N. H.
Dongan Electric Mfg. Co. (Toy), Detroit, Mich.
Duncan Electric Mfg. Co. ("Duncan"), Lafayette, Ind.
Edison Thos. A., Inc., Orange, N. J.
Edwards & Co. ("Dixie," Cadet), Exterior av & 140th, New York
Empire Transformer Co. (Ozone Retifier Syb Lighting Toy, etc.), 2723 N Clark, Chicago, Ill.
Electric Appliance Co., 701 W Jackson blvd, Chicago, Ill.
Electric Economy Co. ("Beacon"), 1529 Columbus av, Rox, Boston, Mass.
Electro Surgical Instrument Co. (For Surgical Miniature Lamps), Rochester, N. Y.
Enterprise Elec. Co. ("Peerless"), Warren, O.
Gardner-Stedman Co., 160 N 5th, Chicago, Ill.
GENERAL ELECTRIC CO. ("Wood"), Schenectady, N. Y.
See adv index at end of book
General Railway Signal Co. (Automatic Block Signaling), Rochester, N. Y.
Goettmann, O. J., 525 Ohio, Pittsburgh, Pa.
Haas R. Elec. & Mfg. Co., Springfield, Ill.
Hallberg, J. H., 1604 B'way, New York
Jefferson Electric Mfg. Co. (Toys, Sign Lighting, Wireless), 426 S Green, Chicago, Ill.
Kanaky H. P. Elec. & Mfg. Co., 1117 W 76th, Los Angeles, Cal.
Killark Elec. Mfg. Co., 22nd & Washington, St. Louis, Mo.
King Elec. & Mfg. Co., 1011 Power av, Cleveland, Ohio
Knott L. E. Apparatus Co. (Dissectible, Demonstration), 79 Amherst, Cambridge, Mass.
Kuhlman Electric Co. (For Light & Power), Elkhart, Ind.
Liebel-Flarsheim Co., Cincinnati, Ohio
Lionel Mfg. Co., 48 E 21st, New York
Marathon Theatre Stres Co. (H. & H. for Mov. Picture), Wausau, Wis.
Miller B. F., Trenton, N. J.
Mohawk Electric Mfg. Co. ("Rollinson," Type "R" Ringing), 45 Lawrence, Newark, N. J.
Moloney Electric Co. ("Moloney"), 7th & Hickory, St. Louis, Mo.
Packard Electric Co., Warren, O.
Pittsburgh Transformer Co., Adams & Preble av, Pittsburgh, Pa.
Ritchie E. S. & Sons (Wireless Telegraph), Brookline, Mass.
Rittenhouse Co. A. E., Honeoye Falls, N. Y.
Sangamon Electric Co. ("Nowatt"), Springfield, Ill.
Sieffert Elec. Co., Evansville, Ind.
States Co., 19 New Park av, Hartford, Conn.
Sterling Devices Co. (Direct Current), 601 W 26th, New York
Terminal Elec. Co., 551 W 42nd, New York
Thordarson Elec. Mfg. Co., 501 S Jefferson, Chicago, Ill.
Tiebel-Flarsheim Co., 2805 Vine, Cincinnati, Ohio
Triumph Electric Co., Cincinnati, Ohio
U. S. E. M. Co. ("Potentiostat" D. C.), 301 W 37th, New York
Victor Electric Co. (Bell Ringing), Jackson Boulevard & Robey, Chicago, Ill.
Viking Electric Co. ("Viking," Low Voltage, Sign & Toy), 152 Chambers, New York
Vindex Electric Mfg. Co., Aurora, Ill.
Voltamp Electric Mfg. Co. (Miniature), 407 N Paca, Baltimore, Md.
Wagner Elec. Mfg. Co. (Lighting & Motor, Pole Line Instrument, Static Power & Subway), 6400 Plymouth av, St. Louis, Mo.
Wahl Mfg. Co., Sterling, Ill.
Ward Leonard Elec. Co. (Adaptor Resistance), Bronxville, N. Y.
Wente Electric Co., Hamilton, O.
Wesco Supply Co. ("McDonnell"), 7th & Clark, St. Louis, Mo.
Western Electric Co. ("Lighting," "Potential"), 463 West, New York
Western Transformer Co., Oakland, Cal.
WESTINGHOUSE ELECTRIC & MFG. CO. (Core & Shell Type, for Power & Light), East Pittsburgh, Pa.
See adv index at end of book
Weston Electrical Instrument Co. (Instruments), Waverly Park, Newark, N. J.

15865—Transformers (Bell Ringing)

Campbell Electric Co. ("Campbell"), 17 Stewart, Lynn, Mass.
Cumberland Elec. Mfg. Co., Memphis, Tenn.
Empire Transformer Co., 2723 N Clark, Chicago, Ill.
Ft. Wayne Electric Works, of General Electric Co., Ft. Wayne, Ind.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Jefferson Electric Mfg. Co., 426 S Green, Chicago, Ill.
Mohawk Electric Mfg. Co. ("Rollinson"), 45 Lawrence, Newark, N. J.
Packard Elec. Co., Dana av, Warren, O.
Reppell-Murphy Electric Co., 3307 Summit, Kansas City, Mo.
Viking Electric Co. ("Viking"), 152 Chambers, New York
Wente Electric Co., Hamilton, O.

15866—Transformers For Moving Picture Lamps

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hallberg J. H. ("K. V. A."), 1604 B'way, New York
Nicholas Power Co., 90 Gold, New York

15867—Transformers (Heat)

Central Station Steam Co. ("Detroit"), **710 Woodbridge, Detroit, Mich.**

15868—Transformers (Pipe Thawing)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

15869—Transformers (Static)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

15870-1— Transits

Ainsworth Wm. & Sons ("Brunton" Pocket), Denver, Colo.
Bausch & Lomb Optical Co., Rochester, N. Y.
Berger C. L. & Sons, 35 William, Boston Mass.
Buff & Euff Mfg. Co., rear 98 Green, Jamaica Plain, Boston, Mass.
Heller & Brightly, Dept. H., 1122 Spring Garden, Phila., Pa.
Keuffel & Esser Co. (Builders', Engineers', Hand Locating), Hoboken, N. J.
Kolesch & Co., 138 Fulton, New York
Ledder & Probst ("New Precise"), 56 Franklin, Boston, Mass.
Lietz A. Co. ("Lietz" Transits & Levers), **61 Post, San Francisco, Cal.**
Prince L. M. Co., 108 W 4th, Cincinnati, O.
STARRETT L. S. CO. (Leveling), Athol, Mass. *See adv index at end of book*
Taylor Instrument Companies, ("Verschoyle" Pocket "Tycos", Rochester, N. Y. *See adv index at end of book*
Ulmer J. C. Co. ("J. B. Davis," Solar, etc), Cleveland, O.
Warren-Knight Co. ("Sterling"), 136 N 12th, Phila., Pa.
White David Co. ("Architects' Leveling, etc), 419 E Water, Milwaukee, Wis.
Wilder-Pike Thermometer Co. (Engineers, Surveyors, Explorers, Builders, etc.), **Troy, N. Y.**

15872— Translucent Fabrics

Angier Mills ("Rubberglass"), Ashland, Mass.

15873-4—*Transmission (Automobile)

AMERICAN DIE & TOOL CO., Reading, Pa. *See adv index at end of book*
Fuller & Sons Mfg. Co., Kalamazoo, Mich.

Transmission (Chain)

See Chain Power Transmission

Transmission Machinery Power

See Power Transmitting Machinery

15875—Transmission (Right Angle)

Almond T. R. Mfg. Co. ("Almond"), Ashburnham, Mass.

15876—Transmission Towers & Structures (Electric)

Aermator Co., 1146 S. Campbell av, Chicago, Ill.
American Bridge Co., 30 Church, New York
Archbold-Brady Co. (Steel), Syracuse, N. Y.
Bates Expanded Steel Truss Co., 208 S La Salle.
Blaw-Knox Co., Farmers Bank bldg, Pittsburgh, Pa.
CHICAGO BRIDGE & IRON WORKS, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book
Delta Star Elec. Co., 2437 Fulton, Chicago, Ill.
Electric Railway Equipment Co., Cincinnati, O.
Franklin Steel Works, Franklin, Pa.
Milliken Bros., (Galvanized Steel Wireless), Staten Island, N. Y.
Pacific Electric Mfg. Co., 827 Folsom, San Francisco, Cal.
Pittsburgh-Des Moines Steel Co., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Railway & Industrial Co., Engrg. Co., Peoples Bank bldg, Pittsburgh, Pa.
See adv index at end of book
Republic Structural Iron Wks. Co., 1350 E 53rd, Cleveland, O.
Riter-Conley Mfg. Co., Pittsburgh, Pa.
Ross Supply Co., Greenville, O.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

15877—Transmitters (Sewing Machine)

Singer Sewing Machine Co., 149 B'way, New York
Union Special Machine Co., 300 W Kinzie, Chicago, Ill.

15878-9—Transmitters (Telegraph)

Piersen Telegraph Transmitter Co. ("Piersen"), Topeka, Kan.
Vibroplex Co., Inc., 253 B'way, New York

15880—Transplanters (Tobacco)

Case J. I. Plow Works, Racine, Wis.
Fetzer & Co. (Tobacco, Cabbage, Tomato, etc.), Springfield, Ill.
Garrison Bros. Co. (And Other Plants), Bridgeton, N. J.
Madison Plow Co. ("F. & J. Bemis"), Madison, Wis.
Masters Planter Co. (Hand) 229 N State, Chicago, Ill.
Nagley Mfg. Co. ("Onondaga" Automatic for All Kinds of Plants), Lyons, N. Y.
New Idea Spreader Co. ("Rollman"), Coldwater, O.
Ohio Rake Co. ("Tiger"), Dayton, O.
Owens J. L. Co. (Also Potato, Cabbage, **Tomato, etc), Fulton & S E Huron, Minneapolis, Minn.**

15881— Trap Rock

See also Stone, Crushed

Baltimore Quarries Co., Law bldg, Baltimore, Md.
Birdsboro Stone Co., Bulletin bldg, Phila., Pa.
Blue Trap Rock Co., Little Rock, Ark.
Bouker Contracting Co., 24 State, New York
Bound Brook Crushed Stone Co., Bound Brook, N. J.
Clinton Point Stone Co., 17 Battery pl, New York
Conewago Trap Rock Co., Williamsport, Pa.
Connecticut Quarries Co., New Haven, Conn.
Davis Trap Rock Works, Parkway bldg, Phila., Pa.
Delaware River Quarry & Construction Co., 26 Exchange pl, Jersey City, N. J.
Dyer John T. Quarry Co., Norristown, Pa.
General Crushed Stone Co., Easton, Pa.
Keystone Lime & Stone Co., Lancaster, Pa.
Lane Construction Corp., Meriden, Conn.
McKiernan & Bergin Co., Paterson, N. J.
Middle Valley Trap Rock & Mining Co., Middle Valley, N. J.
Morris County Crushed Stone Co., Morristown, N. J.
New York Trap Rock Co. (Crushed), 17 Battery pl, New York
Pierce B. D., Jr. Co., 122 Bank, Bridgeport, Conn.
Spence Bros. ("Bruce"), Cleveland, O.
Standard Lime & Stone Co., Equitable bldg, Baltimore, Md.
Waltham Trap Rock Co., Waltham, Mass.
York Hill Trap Rock Quarry Co., Meriden, Conn.

15882— Traps (Air)

ANDERSON V. D. Co. ("Anderson"), W 96th, Cleveland, O.
See adv index at end of book

15883— Traps (Animal)

Abingdon Trap Co. ("O. K."), Abingdon, Ill.
Bullock Mfg. Associates ("Bullock"), Springfield, Mass.
E-Z Mfg. Co., Galesburg, Ill.
Hawkins Co., South Britain, Conn.
Heartley Machine, Variety Iron & Tool Works, 900 Summit, Toledo, O.
Nelson Mfg. Co., Deerfield, Wis.
Niagara Falls Metal Stamping Works ("Lightning," "Clincher"), Niagara Falls, N. Y.
Oneida Community (Ltd.), Dept. G. ("Victor," "Newhouse," for All Kinds of Game), Oneida, N. Y.
Peck, Stow & Wilcox Co. ("Oneida" Pattern), Southington, Conn.
Soho Trap Mfg. Co., 3115 W. 25th, Cleveland, O.
Triumph Trap Co., Inc., ("Triumph," "Kangaroo," "High Grip" & "Triple Clutch"), Oneida, N. Y.

15884—Traps (Anti-Siphon)

Humphryes Mfg. Co., Mansfield, O.
Ireland & Matthews Mfg. Co., Detroit, Mich.
McAuliffe Non-Siphoning Trap Co. ("McAuliffe") Chelsea, Mass.
Miller Foundry & Specialty Co. ("Millers"), North Tonawanda, N. Y.
Monarch Brass Co. (Lead & Brass), Cleveland, O.
Young Joseph H. Co. ("Bay State," "Cambridge," "YCo" "Salem," "Springfield"), 82 High, Boston, Mass.

15885— Traps (Back Water)

Advance Mfg. Co. ("Palmer"), Erie, Pa.
Barrett Jas. Mfg. Co., ("Barrett") 117 Pearl, Boston, Mass.
Blake Specialty Co., Rock Island, Ill.
Boston Brass Co., ("Acme") 135 Bacon, Waltham, Mass.
See adv index at end of book
Butler Thos. F., Lorain, O.
Cudell F. E., Cleveland, O.
Edwardsville Brass Co., Edwardsville, Ill.
Illinois Malleable Iron Co. (Palmer), 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
Murphy Specialty Co. ("Murphy," Combined Catch Basin & Back Water Trap), 90 2d, Milwaukee, Wis.
Prier Brass Mfg. Co. ("Standard" & Sieben"), Kansas City, Mo.
Stary Frank & Sons, Cedar Rapids, Ia.
Swett A. L. Iron Works, Medina, N. Y.
Union Metal Works, Chelsea, Mass.
Wolverine Brass Works, Grand Rapids, Mich.

15886—Traps (Bath & Basin)

A. D. Mfg. Co. (Nickel Plated,) Detroit, Mich.
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
American Pin Co. ("Ampinco"), Waterbury, Conn.
American Sanitary Mfg. Co. ("American"), Abingdon, Ill.
Blake Specialty Co. (Iron, Lead & Brass), Rock Island, Ill.
Boston Brass Co. ("B. B."), 135 Bacon, Waltham, Mass.
See adv index at end of book
Bridgman Bros. Co. (Brass Bennor Bath Traps), 1426 Washington av, Phila., Pa.
Clarke Robt. (Non-Syphon), 98 Schermerhorn, Brooklyn, N. Y.
Dearborn Brass Co., Cedar Rapids, Ia.
Detroit Marvel Brass Mfg. Co., 326-332 Rivard, Detroit, Mich.
Detroit Sanitary Supply Co. ("Clean Sweep" Catch Basin), 1191 2nd, Detroit, Mich.
Eagle Pitcher Lead Co. (The) (Lead), 208 S La Salle, Chicago, Ill.
Edwardsville Brass Co., Edwardsville, Ill.
Empire Brass Mfg. Co. (Brass), Cleveland, Ohio
Frost Mfg. Co. ("Femco"), Kenosha, Wis.
Glauber Brass Mfg. Co., 49th & Superior av, N E, Cleveland, O.
Haines, Jones & Cadbury Co. ("Hajoca" Bath), 1136 Ridge av, Phila., Pa.
Hoffmann & Billings Mfg. Co., 100 2nd, Milwaukee, Wis.
Ireland & Matthews Mfg. Co.. ("Boss" & "S"), Detroit, Mich.
Kokomo Brass Works (Self-Scouring Brass Drum & Sanitary Basin), Kokomo, Ind.
Kretschmer Mfg. Co., Dubuque, Ia.
McAuliffe Non Siphoning Trap Co., ("McAuliffe"), Chelsea, Mass.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
Miller Foundry & Specialty Co. ("Miller's"), N Tonawanda, N. Y.
Monarch Brass Co. ("Monarch" Brass & Lead, Anti-Syphon), Cleveland, O.
Murphy Specialty Co. ("Murphy"), 90 2d, Milwaukee, Wis.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Union Metal Works ("A. R. R. C."), Chelsea, Mass.
Weiskittel A. & Son Co. (Bath), 12th & E Lombard, Baltimore, Md.
Wolverine Brass Works, Grand Rapids, Mich.
Young Jos. H. Co. ("Bay State," "Cambridge," "YCo." "Salem," "Springfield," "Combination"), 82 High, Boston, Mass.

15887— Traps (Bear)

Independent Bridge Co., 829 Beaver av, Pittsburgh, Pa.

15888— Traps (Bell)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Barber Mfg. Co., Ashtabula, O.
Blake Specialty Co., Rock Island, Ill.
Central Brass Mfg. Co., 6206 Cedar, Cleveland, O.
Edwardsville Brass Co. (Brass), Edwardsville, Ill.
Fee & Mason, 81 Beekman, New York
Glenn Fred. E., St. Charles, Ill.
Haydenville Co., Haydenville, Mass.
Modern Iron Works, Quincy, Ill.
Quinn Wire & Iron Works, Boone, Ia.

15889—Traps (Bi-Metallic Plated)

A. D. Mfg. Co., Detroit, Mich.

15890—Traps (Catch Basin)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Standard Brass & Iron Works ("Dale"), 1820 St. Paul av, Milwaukee, Wis.

15891— Traps (Centrifugal)

Ireland & Matthews Mfg. Co., Detroit, Mich.
Wolverine Brass Works ("Wolverine" Aluminized Cast Iron), Grand Rapids, Mich.

15892— Traps (Drainage)

American Fdry. & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Blake Specialty Co., Rock Island, Ill.
Crampton-Farley Brass Co., 221 Main, Kansas City.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Detroit Marvel Brass Mfg. Co. ("Marvel" Adjustable Shower Traps), 332 Rivard, Detroit, Mich.
Gillie Mach. Co., Tonawanda, N. Y.
Kokomo Brass Works (Brass Floor, Drain & Trap), Kokomo, Ind.
Power Plant Specialty Co. ("Monarch" Vacuum), Monadnock blk., Chicago, Ill.
Prier Brass Mfg. Co. ("Standard" & "Sieben," Kansas City, Mo.

15893— Traps (Drum)

American Fdry. & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Blake Specialty Co. (Iron Lead & Brass), Rock Island, Ill.
Boston Brass Co. (Lead) 135 Bacon, Waltham, Mass. *See adv index at end of book*
Casey-Hedges Co., Chattanooga, Tenn.
Compound Injector & Specialty Co. ("Dehn's," Iron), 419 N Laramie av, Chicago, Ill.
Dearborn Brass Co., Cedar Rapids, Ia.
Glenn Fred E (Cast Iron), St. Charles, Ill.
Prier Brass Mfg. Co. (Iron & Brass), Kansas City, Mo.
Riverside Foundry & Galvanizing Co., Kalamazoo, Mich.
United Lead Co. (Lead), 111 B'way, New York
Universal Drum Trap Cover, 753 E 39th, Chicago, Ill.

15894— Traps (Fish)

Wood R. D. & Co. (For Water Mains), 400 Chestnut, Phila., Pa.

15895— Traps (Fly)

American Can Co. ("Canco"), 120 B'way, New York. *See adv index at end of book*
Avis A. B. ("Avis"), Pomona, Cal.
Bromwell Brush & Wire Goods Co., 612 W. 6th, Cincinnati, O.
Burgess & Norton Mfg. Co. ("Crusader"), Geneva, Ill.
Curry Champion Fly Trap Co., Paducah, Ky.
Hamlin & Russell Mfg. Co., Worcester, Mass.
Heine John F. & Son (Large), Hooper, Neb.
Ludlow-Saylor Wire Co. ("Perfect"), Newstead av, cor Wabash R. R., St. Louis, Mo.
Meyers Fred. J. Mfg. Co. ("Champion," "Globe"), Hamilton, O.
See adv index at end of book
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
National Enameling & Stamping Co. ("Shur-Katch"), 411 5th av, New York
National Mfg. Co. ("Natwire," "Harper," "Peerless," "Balloon," "Eagle"), Worcester, Mass.
Northwestern Stamping Co., Burlington, Ia.
Parker Wire Goods Co., Worcester, Mass.
Peoria Can Co. ("Superior" Globe Shape), Peoria, Ill.
Reynolds Wire Co. ("Harjer," "Champion," "Paragon," "Dixon," "Leader" & "Eagle" Cone Shaped, "Globe," "Acme," "Royal" Balloon Shape), Dixon, Ill.
Safety Wire Gas Globe Co., Columbus, O.

Stuber & Kuck Co. ("Baby Superior"), Peoria, Ill.
Thompson Co. ("Ezycatch"), Red Oak, Ia.
Wagner Mfg. Co. ("Wagner All-Metal," "Wagner Daisy"), Cedar Falls, Ia.

Traps (Game)

See Traps, Animal

15896— Traps (Gopher)

Abingdon Trap Co. ("O. K."), Abingdon, Ill.

15897— Traps (Grease)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Barrett Jas. Mfg. Co., ("Barrett") 117 Pearl, Boston, Mass.
Compound Injector & Specialty Co. ("Dehn" "Acme"), 419 N Laramie av, Chicago, Ill.
Estabrook's R. Sons ("Estabrook," "Boston" "Franklin"), 202 1st, Boston, Mass. *See adv index at end of book*
Federal-Huber Co., 234 N Halsted, Chicago, Ill.
Glauber M. & Co., 103 Varick, New York
Haines, Jones & Cadbury Co. ("Hajoca"), 1136 Ridge av, Philadelphia, Pa.
Hoffman & Billings Mfg. Co., Milwaukee, Wis.
Kieley & Muller, 34 West 13th, New York
McDonald A. Y. Mfg. Co., Dubuque, Ia.
Meyer-Sniffen Co. ("Em Ess Tucker"), 11 W 36th, New York
Mott J. L. Iron Works ("Tucker" & "Tobey"), Trenton, N. J.
Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
Peck Bros. & Co., New Haven, Conn.
Prier Brass Mfg. Co. ("Sieben"), Kansas City, Mo.
Robertson James Lead Co., 827 S Howard, Baltimore, Md.
Rundle Mfg. Co. (Porcelain Enameled Kitchen), 27th & Wahl, Milwaukee, Wis.
Rundle-Spence Mfg. Co., 63 2nd, Milwaukee, Wis.
Sanitas Mfg. Co., 105 Washington, Boston, Mass.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Steam Appliance Co. ("Peters"), Milwaukee, Wis.
Success Mfg. Co. ("Bolger"), Gloucester, Mass.
Wade Iron Sanitary Mfg. Co., 551 Fulton, Chicago, Ill.
Webster, Warren & Co., Camden, N. J.
Wolff L. Mfg. Co., 111 N Dearborn, Chicago, Ill.

15898—Traps (Ground Mole)

Heartley Machine, Variety Iron & Tool Works ("Heartley Hold Fast"), 900 Summit, Toedo, O.
Michigan Wire Goods Co. (Steel), Niles, Mich.
Rittenhouse J. F., Liberty Mills, Ind.

15900— Traps (Lavatory)

American Fdry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Empire Brass Mfg. Co., Cleveland, O.
McAuliffe Non-Siphoning Trap Co. ("McAuliffe") Chelsea, Mass.
Rundle Mfg. Co., 27th & Wahl, Milwaukee, Wis.
Standard Brass Mfg. Co., Utica, N. Y.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Wise J. B., Inc., Watertown, N. Y.

15901— Traps (Mercury)

KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York. *See adv index at end of book*

15902— Traps (Minnow)

Orvis Chas. F. Co., Manchester, Vt.
St. Charles Net & Hammock Co., St. Charles, Ill.

15902a— *Traps (Radiator)

SARCO CO., INC. ("Sarco"), 229 B'way, New York. *See adv index at end of book*

Radiator Trap
SARCO

For Low Pressure, Vapor and Vacuum Heating Systems

Operated by hydraulic motive power obtained by the expansion and contraction of an oil hermetically sealed in cartridge.

SARCO COMPANY, Inc.
237 BROADWAY, NEW YORK

15903—Traps (Rat & Mouse)

Abingdon Trap Co ("It," "O. K.," "Ell," "Nox"), Abingdon, Ill.
Bullock Mfg. Associates (Rat), Springfield, Mass.
Bumann Mfg. Co. ("Open Door"), Litchfield, Ill.
Cassady Fairbank Mfg. Co. ("Up-to-Date," "Security"), 6126 S La Salle, Chicago. Ill.
Darby Edw. & Sons Co. ("French American"), 239 Arch, Phila., Pa.
Delphos Mfg. Co. ("Lightning Re-set"), 1st & Pierce, Delphos, O.
Detroit Wire & Iron Works ("Smith's Never Escape" & Improved "Morty" Pattern), 1160 Jefferson av, E., Detroit, Mich.
E-Z Mfg. Co. ("E-Z-Ketch"), Galesburg, Ill.
Ely T. J. Mfg. Co. ("Ely's" Safe & Easy), Erie, Pa.
Fort Dearborn Mfg. Co. ("Shur Shut" Mouse), Sterling, Ill.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Lovell Mfg. Co. ("Erie," "Star," "Grip," "Slayer," "Gem," "Yaukee," "Rex," "Dead Easy," "Delusion," "Mascotte," "Household," "Cyclone," "Easy-Setting. Wood Choker," "Lovell's Metallic Choker"), Erie, Pa.
Meyers Fred. J. Mfg. Co., Hamilton, O. *See adv index at end of book*
Morgan Spring Co., Worcester, Mass. *See adv index at end of book*
National Mfg. Co. ("Natwire" Wire), Worcester, Mass.
Niagara Falls Metal Stamping Works ("Enticer" Rat Traps), Niagara Falls, N. Y.
Oneida Community (Ltd.), ("Official"), Oneida, N. Y.
Osborn J. K. Mfg. Co., Harrison, N. J.
Shann Mfg. Co. ("Chasse" & "Acme" Patent), Middletown, N. Y.
Smith & Egge Mfg. Co., Bridgeport, Conn.
Stansbury H. O. Co., 415 Commerce, Phila., Pa.
Streeter N. R. & Co. ("Knock-out"), Rochester, N. Y.
Swartz H. D. (Rat), Scranton, Pa.
Wire Goods Co. (Wire & Wood Bottom), Worcester, Mass.
Worcester Wire Novelty Co. ("Hold-Em"), Baltimore, Md.

15904-5—Traps (Refrigerator)

Central Brass Mfg. Co., 6206 Cedar, Cleveland, O.
National Refrigerator & Fixture Co., 8th & Park, St. Louis, Mo.
Prier Brass Mfg. Co. ("Standard"), Kansas City, Mo.
Worns & Kemp, 287 W 127th, New York

Traps (Return)

See Traps, Steam

15906— Traps (Sewer Gas)

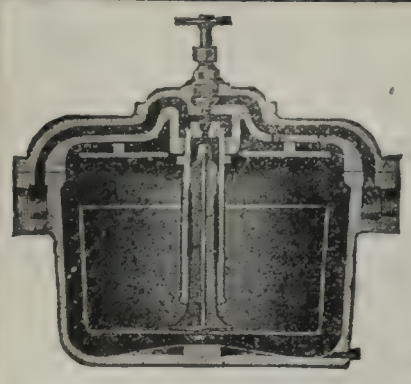
Barrett Jas. Mfg. Co., ("Barrett") 117 Pearl, Boston, Mass.
Blake Specialty Co., Rock Island, Ill.
Boston Brass Co. ("B.B."), 135 Bacon, Waltham, Mass. *See adv index at end of book*
Central Foundry Co. ("Sure-Seal," "Lynn" Drain, etc), 90 West , New York
Dececo Co., 157 High, Boston, Mass.
Detroit Sanitary Supply Co. ("Clean Sweep" Non-Syphoning), 1191 2nd, Detroit. Mich.
Dubois F. N. & Co. (Anti-Syphon Trap Vent), 247 9th av, New York
Edwardsville Brass Co., Edwardsville, Ill.
Federal-Huber Co. ("Protector," Non-Syphoning), 234 N Halsted, Chicago, Ill.
Hydraulic Specialty Co., 427 Walnut, Phila., Pa.
Jenkins Mfg. Co. ("Sanos"), Bloomfield, N. J.
Monarch Brass Co. ("Bower"), Cleveland, Ohio
Mott J. L. Iron Works, Trenton, N. J.
Park & McKay, 55 Bagley av, Detroit, Mich.
Providence Steam Trap Co. (Lead & Brass), 16 Diamond, Providence, R. I.
Sproul & McGurrin Co. ("Excelsior" Grease Traps), Grand Rapids, Mich.
Stary Frank & Sons, Cedar Rapids, Ia.
Townsend Foundry & Machine Shop Co. For Street Receiving Basins), B'way & Rensselaer, Albany, N. Y. *See adv index at end of book*
Wolf L. Mfg. Co., 111 N Dearborn, Chicago, Ill.

15907—Traps (Sewer, Tide & Back Water)

Advance Mfg. Co. ("Palmer"), Erie, Pa.
Barrett Jas. Mfg. Co., ("Barrett") 117 Pearl, Boston, Mass.
Blake Specialty Co., Rock Island, Ill.
Boston Brass Co. ("Acme") 135 Bacon, Waltham, Mass. *See adv index at end of book*
Prier Brass Mfg. Co. ("Standard" & "Sieben"), Kansas City, Mo.

15908— Traps (Steam)

Acton John ("Old Reliable" Expansion Traps), 118 John, Brooklyn, N. Y.
Albany Steam Trap Co. ("Blessing"), Albany, N. Y.
Alert Pipe & Supply Co., Bay City, Mich.
Allentown Experimental Works, Allentown, Pa.
American Blower Co. ("Detroit"), 1400 Russell, Detroit, Mich.
American District Steam Co. "Holly," "Empire," "American"), North Tonawanda, N. Y.
American Duplex Steam Trap Co. ("American Duplex") Moffatt bldg, Detroit, Mich.
American Fdry. & Mfg. Co., 11th & Herbert, St. Louis, Mo.
American Steam Gauge & Valve Mfg. Co. ("American Ideal"), 208 Camden, Boston, Mass.
ANDERSON V. D. CO. ("Anderson"), W 96th, Cleveland, O. *See adv index at end of book*
Armstrong Machine Works, Three Rivers, Mich.
Atwood & Morrill ("XXth Century"), 48 Loring av, Salem, Mass.
Automatic Steam Trap & Specialty Co., 2707 Vestry av, Cleveland, O.
Automatic Steam Trap & Specialty Co. ("Barton" Expansion), 316 Harper av, Detroit, Mich.
Barton John W. ("Barton"), 2707 Vestry av, Cleveland, O.
Berry Engineering Co., Chester, Pa.
Boston Machine Works Co., Lynn, Mass.
Boston Steam Specialty Co. ("Ketcham" & "Fleur de Lis"), 332 A, Boston, Mass.
Burrows Mfg. Co., York, Pa.
Central Station Steam Co., 710 Woodbridge, Detroit, Mich.



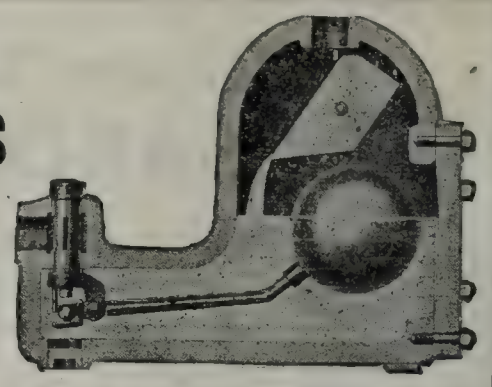
THE NASON STEAM TRAPS

COVER

ALL CONDITIONS

UP TO

250 POUNDS



NASON TRAPS

SPECIFY:

"Class B"—For pressures under 20 lbs.
"Class C"—For pressures between 20 and 70 lbs.
"SIDELUG"—For pressures higher than 40 to 150 lbs.

NASON-VESUVIUS

SPECIFY:

"Class L"—For pressures 1 to 50 lbs.
"Class M"—For pressures 50 to 150 lbs.
"Class H"—For pressures 150 to 250 lbs.

Traps that will positively remove all the condensation from every description of heating surface without loss or waste of steam.

Traps that embody in their construction the greatest simplicity and freedom from complicated mechanism, insuring durability and immunity from annoying and expensive repairs.

Always specify style trap. New Catalogue just out.

NASON MANUFACTURING CO., 71 FULTON ST., NEW YORK, U. S. A.

Branch Office and Warehouse, Davis and Crane Sts., Long Island City, N. Y.

TRAPS (STEAM)—continued

Consolidated Engineering Co. ("Van Auken"), 507 W Jackson blvd, Chicago, Ill.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Davis Geo. M. Regulator Co., 422 Milwaukee av, Chicago, Ill.
d'Este Julian Co. ("Curtis" Expansion, Return, Balanced, etc), 24 Canal, Boston, Mass.
Dunham C. A. Co. ("Dunham" Drain Valve & Steam Trap for Radiators), Marshalltown, Ia.
Duplex Steam Trap Mfg. Co., Moffatt bldg, Detroit, Mich.
Edward Valve & Mfg. Co. ("Edward"), Edison bldg, Chicago, Ill.
Elliott Co. ("Elliott"), Pittsburgh, Pa.
Engineers Appliance Co. ("Hydromatic"), Cleveland, O.
Fanke F. Steam Trap Co., Milwaukee, Wis.
Farnsworth F. C. Co., 2d av & 39th, Brooklyn, N. Y.
Flinn, Richard J., West Roxbury Station, Boston, Mass.
Fogarty James H., 126 Liberty, New York
Ford Thos. P. Co. (Compound), 407 Broome, New York
Foskett & Bishop Co. ("Fosket & Bishop"), New Haven, Conn.
Garratt W. T. & Co. ("McKellar"), 299 Fremont, San Francisco, Cal.
General Fire Extinguisher Co. ("Providence," Improved Float), Providence, R. I.
Glenn Fred E., St. Charles, Ill.
Glover Bros. ("John Glover," "Jones"), Paul & Vandyke, Phila., Pa.
Gold Car Heating & Lighting Co. (Steam Traps for Heating Systems), 17 Battery pl, New York
Golden-Anderson Valve Specialty Co. ("Golden" Tilting), Fulton bldg, Pittsburgh, Pa.
Haines William S. & Co. ("Heintz"), 12th & Buttonwood, Phila, Pa.
Halsey Mfg. Co., 1211-1215 Tolbert, Phila., Pa.
Hoffmann B. Mfg. Co. ("Hoffmann"), 257 6th, Milwaukee, Wis.
Hornung J. C., 343 S Dearborn, Chicago, Ill.
Hussey, McCann & Co. ("Peerless"), 87 Warren, New York
Illinois Engineering Co., ("Eclipse") 5021 S State, Chicago, Ill.
Imperial Iron Works ("Imperial"), Duluth, Minn.
Jenkins Bros. ("Diamond"), 80 White, New York
Johnston Robt. C. & Co. ("Smith"), 620 Lodge, Cincinnati, O.
Keeble Alex K., Lawrence, Mass.
Kelly-Derby Co., Peoples Gas bldg, Chicago, Ill.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Kieley & Mueller ("Standard" & "Champion"), 34 W 13th, New York
Kitts Mfg. Co., Oswego, N. Y.
Kitts Steam Specialty Co., Oswego, N. Y.
Klipfel Mfg. Co. ("K. & T."), 2651 W Harrison, Chicago, Ill.
Konold M. J. Co., 601 Bessemer bldg, Pittsburgh, Pa.
Lawler Regulator Co. ("Lawler's," "Empire" & "Monitor," "Lawler's" Duplex & Return Trap), 55 W Houston, New York
Lawler Water Feed & Damper Regulator Co., 55 W Houston, New York
Linton Machine Co. ("Komo"), 26 Cortlandt, New York
Lytton Mfg. Corp. ("Lytton" Separating; also Return & Vacuum), Franklin, Va.
McAuley Automatic Trap Co. ("McAuley" Automatic), Imperial Power bldg, Pittsburgh, Pa.
McCrea Jas. & Co. ("H. H."), 562 W Washington, Chicago, Ill.
McNab & Harlin Mfg. Co., 55 John, New York
Marsh Jas. P. & Co. ("Original Reflux," "Reflux Junior," "Reflux Forty," "Marsh Blast" Vacuum), 118 S Clinton, Chicago, Ill.
Mitchell W. K. & Co. ("Denny" High & Low Pressure), 2940 Ellsworth, Philadelphia, Pa.
Monash-Younker Co. ("Mo-Yo-Co," "Fidelity" & "Monash"), 1407 W Jackson blvd, Chicago, Ill.
Morehead Mfg. Co. ("Morehead" Non-Return, Return, Vacuum & Condenser), Detroit, Mich.
Mott J. L. Iron Works ("Tobey"), Trenton, N. J.
Nashua Machine Co. ("Bundy"), Nashua, N. H.
NASON MFG. CO., ("Nason," "Nason-Vesuvius," "Nason-Sidelug," "Nason Class B" & "Nason Class C"), 71 Fulton, New York
See adv index at end of book
Musket W. E. Co., 502 Mission, San Francisco, Cal.
National Blower Works ("National"), Milwaukee, Wis.
National Supply Co., Toledo, O.
Newhall Geo. M. Engng. Co. ("Vance"), Commercial Trust bldg, Philadelphia, Pa.
Nichols E. M. ("Handy"), 212 W Washington sq, Phila., Pa.
NICHOLSON W. H. & CO. ("Wyoming" & "Nicholson"), Wilkes-Barre, Pa.
Oliver & Howland Co. ("Howland"), Springfield, Mass.
Open Coil Heater & Purifier Co. ("Stickle") Indianapolis, Ind.
Pancoast Henry B. Co. ("Barr's"), 243 S 3d, Phila., Pa.
Paul Andrew G. Co. ("Paul"), 131 State, Boston, Mass.
Pearce W. H. & Co. ("Crescent"), 333 S Dearborn, Chicago, Ill.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co. ("Pittsburgh"),Frick bldg, Pittsburgh, Pa.
Pratt & Cady Co. ("Pratt" Return), Hartford, Conn.
Providence Steam Trap Co. ("Newton"), 16 Diamond, Providence, R. I.
Reliance Gauge Column Co. ("Reliance"), Cleveland, O.
Robertson Jno. F. Co. ("Little Giant" "R-P"), Park bldg, Pittsburgh, Pa.
Rutzler Enoch Co. (Automatic), 404 E 49th, New York
SARCO CO. INC. ("Sarco"), 229 B'way, New York *See adv index at end of book*

Steam Trap Sarco

FOR

Low Pressures of 0-50 lbs., High Pressures of 50-200 lbs., and Vacuum Heating Systems. Operated by hydraulic motive power obtained by the expansion and contraction of an oil hermetically sealed in cartridge.

Nearly a million steam traps of this type sold within ten years.

SARCO COMPANY, Inc.

237 BROADWAY, NEW YORK

Sorge A. Jr. & Co. ("Sorge" Registering Drainer), Monadnock blk, Chicago, Ill.
Squires C. E. Co. ("Genuine Squires"), Cleveland, O.
Standard Steam Specialty Co. ("Sirius"), 542 W B'way, New York
Star Brass Mfg. Co. ("Flinn"), 108 E Dedham, Boston, Mass.
Steam Appliance Co. ("Peters" Corliss Valve), Milwaukee, Wis.
Strong, Carlisle & Hammond Co. ("Strong"), 336 Frankfort av, N W, Cleveland, O.
STURTEVANT B. F. CO. ("Flynn," "Sturvant"), 15 Damon, Hyde Park, Boston, Mass. *See adv index at end of book*
Tagliabue C. J. Mfg. Co., 18 33d, Brooklyn, N. Y.
Taylor Steam Specialty Co., Battle Creek, Mich.
Templeton Mfg. Co. ("Sterling"), Boston, Mass.
Thurtell B. W., 22 Quincy, Chicago, Ill.
Tillotson Humidifier Co. ("Ideal"), 78 Fountain, Providence, R. I.
Tyler Underground Heating System ("Tyler") 815 S Canal, Pittsburgh, Pa.
Vance-Vetter Co. ("Vance"), Phippo Power bldg, Pittsburgh, Pa.
Walworth Mfg. Co., Boston, Mass.
Watson & McDaniel Co. ("McDaniel," "Chapman," "Columbia"), 146 N 7th, Phila., Pa.
Watts Regulator Co., ("Watts"), Lawrence, Mass.
Western Kieley Steam Specialty Co. ("Boylston" Improved), 116 W Illinois, Chicago, Ill.

Williams D. T. Valve Co. ("Cookson"), Cincinnati, O.
Williams Gauge Co. ("Williams" Steam Operated), 543 4th av, Pittsburgh, Pa.
Wright Mfg. Co. ("Wright Emergency" High Pressure & "Victor" Low Pressure), 97 Woodbridge av, W, Detroit, Mich.

15909—Traps (Steam, Railway)

SARCO CO., INC. ("Sarco"), 229 B'way, New York *See adv index at end of book*
Vapor Car Heating Co., 1450 Railway Exchange, Chicago, Ill.
Williams D. T. Valve Co., Cincinnati, O.

15910-11— Traps (Stench)

American Fdry. & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Glenn Fred E. ("Dunstan"), St. Charles, Ill.

Traps (Vacuum)

See Traps, Steam

15912— Traps (Waste)

Dearborn Brass Co., Cedar Rapids, Ia.
Elgin Brass Co., 21 Park Row, New York
McAuliffe Non-Siphoning Trap Co. ("McAuliffe") Chelsea, Mass.
Young Joseph H. Co. ("Bay State," "Cambridge," "YCo." "Salem," "Springfield"), 82 High, Boston, Mass.

15913— Traps & Targets (Trap Shooting)

Chamberlin Cartridge & Target Co. ("Blue Rock," "Legett"), Cleveland, O.

15914— Travelers (Ferry)

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Dobbie Foundry & Machine Co., Niagara Falls, N. Y.

15915—Traveling Bags & Suit Cases

See also Trunk Manufacturers

Abel & Bach Co., Milwaukee, Wis.
Ahlswede Mfg. Co., 126 N Los Angeles, Los Angeles, Cal.
Am. Suit Case Mfg. Co., 17 Walker, New York City
Barnum Trunk Co., 804 Nicollet, Minneapolis, Minn.
Belber Trunk & Bag Co., 1641 N Hancock, Philadelphia, Pa.
Bleaman & Berg, 246 Spring, Paterson, N. J.
Boyle John & Co., 112 Duane, New York
Brier, Fisher & Miller, 218 Arch, Philadelphia, Pa.
Brooklyn Suit Case Mfg. Co., 87 Harrison, pl, Brooklyn, N. Y.
Cleveland Leather Goods Co., 28 Noble, ct, Cleveland, O.
Columbus Fibre Box Co., N. W. cor. Hickory & Wall, Columbus, O.
Cramer & Sherr, 24 S Frost, Philadelphia, Pa.
Crane Bros., Westfield, Mass.
Crouch & Fitzgerald, 177 B'way, New York
Deitsch Bros., 14 E 17th, New York
Dresser S. & Son, 500 Peoria, Chicago, Ill.
Eau Claire Trunk Co., Eau Claire, Wis.
Eichenbusch J. W. & Bro., 9 W Kinzie, Chicago, Ill.
Elgensom Bros., 771 Mather, Chicago, Ill.
Excelsior Traveling Goods Co., 612 S Canal, Chicago, Ill.
Excelsior Trunk Co., 606 Delaware, Kansas City, Mo.
Fibre Specialty Mfg. Co., Kennett Square, Pa.
Galewski David, 181 Mercer, New York
Galewski S., 321 B'way, New York
Gerding Geo. W., 405 Commerce, Phila., Pa.
Hahn A. & Co., 69 5th av, New York
Harris R., 4824 S Main, Los Angeles, Cal.
Hartmann Trunk Co., 626 S Michigan av, Chicago, Ill.
Haskell Bros., 165 W Green, Chicago, Ill.
Headley & Farmer Co., Harrison, N. J.
Horton & Hubbard Mfg. Co., Somerville, Mass.
Imperial Leather Mfg. Co., 847 W Harrison, Chicago, Ill.
Kamlee Co., 448 E Water, Milwaukee, Wis.
Kaufmann K. & Co., 169 Murray, Newark, N. J.
Kennebunk Mfg. Co. (Traveling, Extension, School, Laundry, Sample, etc), Rochester, N. Y.
Knickerbocker Case Co., 230 N Clinton, Chicago, Ill.
L. & Z. Suit Case Co., 644 5th av, Pittsburgh, Pa.
Lazard S. A., 221½ S Los Angeles, Los Angeles, Cal.
Leatheroid Mfg. Co., 121 Beach, Boston, Mass.
Likly Henry & Co., Rochester, N. Y.
Lowy A., 18 Greene, New York
Lowy & Co., 79 Grand, New York
Lust Wm., 927 Van Ness av, San Francisco, Cal.
Mack Henry, 104 Prospect, Jersey City, N. J.
Maier Martin & Co., 102 Wood, Detroit, Mich.
Malm C. A., & Co., 2199 Folsom, San Francisco, Cal.
Mass. Dress Suit Case Co., 294 Harrison av, Boston, Mass.
Mayer Max, 10th & Cherry, Phila., Pa.
Meyer Bros., 234 N Front Philadelphia, Pa.
Murell Leather Goods Co., 27 Sudbury, Boston, Mass.
National Veneer Products Co., Mishawaka, Ind.
Newark Leather Goods Works, 28 Division pl, Newark, N. J.
New England Trunk Co., 125 Summer, Boston, Mass.
Nobbe Kaphan Co., 301 Market, Newark, N. J.
Paulus John, 655 N May, Chicago, Ill.
Pfisterer C. G., 800 E Jefferson, Los Angeles, Cal.
Phil. Leather Goods Co., 2nd & Race, Philadelphia, Pa.
Racine Traveling Bag Co., Racine, Wis.
Rappeport R. E., 743 S Winchester, Chicago, Ill.
Raquet Bros., 117 N. J. R. R. av, Newark, N. J.
Reed Edward E., Somerville, Mass.
Reynolds Leather Goods Co., Putnam, Conn.
Ries & Hoelzel, 1020 Race, Philadelphia, Pa.
Rogers Fibre Co. (Leatheroid Mfg. Co.) ("Leatheroid"), 121 Beach, Boston, Mass. *See adv index at end of book*
Rosenson D. & Sons Co., 1600 Baronne, New Orleans, La.
St. Louis Leather Goods Co., 720 Olive, St. Louis, Mo.
Schmickl F. & Co., 873 B'way, New York
Schmit Trunk & Bag Co., Oshkosh, Wis.
Seattle Suit Case Mfg. Co., Seattle, Wash.
Secor M. M. Trunk Co., Racine, Wis.
Seward Trunk & Bag Co., Petersburg, Va.
Travelight Mfg. Co. ("Travelight"), 237 Lawrence, Phila., Pa.
United Suit Case Co., 1345 5th av, Pittsburgh, Pa.
University Bag Co., 185 Franklin, Boston, Mass.
Waberski Bros., 6 Barbara, Newark, N. J.
Warren Leather Goods Co., Worcester, Mass.
Weingarten & Geberer, 90 Grand, New York
White F. H. Co., 1001 Hamilton, Philadelphia, Pa.
Wilt Chas. T., 221 W Madison, Chicago, Ill.
Zick Joseph, Rochester, N. Y.

15916— Trays (Aluminum)

Aluminum Goods Mfg. Co., Manitowoc, Wis.
Aluminum Ware Mfg. Co., Inc., Elmira, N. Y.
Standard Aluminum Co., Two Rivers, Wis.

15917— Trays (Ash)

Dent Hardware Co., Fullerton, Pa.
Silver & Co., 304 Hewes, B'klyn, N. Y.

15917a— Trays (Barrow, Steel)

JACKSON MFG. CO., Harrisburg, Pa. *See adv index at end of book*

15918— Trays (Brass)

Knapp Mfg. & Supply Co. (Bar, Candy, etc), 241 Water, New York.
New York Stamping Co. ("Empress" Table), N 11th & Berry, Brooklyn, N. Y.
Oakes Co. (The), Indianapolis, Ind.
Ray Geo. A. Mfg. Co. (Also Nickel Plated), Buffalo, N. Y.
Sweeney W. H. Mfg. Co. (All Styles), 30 Main, Brooklyn, N. Y.

Trays (Chopping, Wood)

See Bowls, Wood

15919— *Trays (Coin)

Lamson Co., The (Metal), 100 Boylston, Boston, Mass.

15919a— Trays (Counter)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

15919b— *Trays (Fibre)

National Fibre & Insulation Co., Yorklyn, Del.

15920—Trays (Gold & Silver Plated)

Weidlich Bros. Mfg. Co., Bridgeport, Conn.

15921—Trays (Hard Rubber)

Tyer Rubber Co., Andover, Mass.

15921a— Trays (Jewelry)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

15922—Trays (Knife & Fork)

Bennett Mfg. Co. (Wood), Portland, Me.
Chapman-Sargent Co. (Wood), Perrysburg, Ohio

15923— Trays (Letter)

Andrews Wire & Iron Works, Rockford, Ill.
Barbee Wire & Iron Works ("Acme" Wire), 170 N Dearborn, Chicago, Ill.
Erie Art Metal Co., Erie, Pa.
Globe-Wernicke Co., 25 Carthage av, Cincinnati, O.
Meyers Fred J. Mfg. Co., Hamilton, O. *See adv index at end of book*
National Mfg. Co. ("Natwire" Wire), Worcester, Mass.
Progressive Wire Goods Co. (Wire), 529 Commerce, Phila., Pa.
Standard Wire Co. ("Standard" Wire), New Castle, Pa.

15924—Trays (Litho. Metal)

Shonk Chas. W. Co., Maywood, Ill.

15924a— Trays (Pen)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

15924b— Trays (Pin)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

15925— Trays (Serving)

Cassady Fairbank Mfg. Co., 6126 S Lasalle, Chicago, Ill.
Scheibe E. F., Somerville, Mass.
Silver & Co. (Brass, Glass & Wood), 304 Hewes, B'klyn, N. Y.

15925a—*Tray (Shoe & Slipper)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

15926— Trays (Steaming)

Clark W. J. Co., Salem, O.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Milwaukee Brewers' Specialty Co., 1919 Milwaukee, Wis.
Ullman Mfg. Co. (Fancy & Plain Wooden), 338 E 59th, New York

15927— *Trays (Wooden)

ESTES E. B. & SONS (Counter, Pen, Pin, Jewelry, Starch, etc.), 364 5th av, New York *See adv index at end of book*

15927a— *Trays & Vases

SCHIMPER WILLIAM & CO., 322-338 Ferry, Hoboken, N. J., & 33 Union sq W, New York

15928—Treadles (Foot Power)

Goodell-Pratt Co., Greenfield, Mass.
Hardinge Bros. (Automatic Locking), 4203 Ravenswood av, Chicago, Ill.
Shawmut Machinery Co., 82 Lincoln, Boston, Mass.

Treads (Car Step)

See Car Steps & Treads

15929—Treads (Dog Power)

See also Horse Powers

Dobson Mfg. Co., Rockford, Ill.
Gowanda Agricultural Works, Gowanda, N. Y.
McDermaid J., Rockford, Ill.

15930-1—Treads (Push Button Floor

Ansonia Electrical Co. ("Daisy"), Ansonia, Conn.
Renim Specialty Co. ("Ideal"), Brighton, Boston, Mass.

Treads (Rubber)

See Mats & Matting, Rubber

Treads (Safety)

See Stair Treads, Various Kinds; also Car Steps & Treads; also Steps, Safety Tread

15932—Treaters (Smut & Seed)

Fosston Mfg. Co. ("Advance," "Cyclone," "Hart"), 473 Cleveland, St. Paul, Minn.

Tree Guards

See Wire Fence & Gates; also Iron Railings & Fences

15932a—Tree Guards (Wire & Wrought Iron)

Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.
Galbraith C. C. & Son, 49 West, New York
Smith John P. & Co. ("Elm City"), New Haven, Conn.

15933-4— Treenails

Hoskins J. S. Lumber Mfg. Co. ("Locust" for Ship Purposes), Baltimore, Md.
Nashua Spool & Bobbin Co. (Locust & Oak), Grove Hall Station, Boston, Mass.

15935—Trestles (Painters' & Masons')

Davenport Ladder Co., Davenport, Ia.
Fox Geo. S., 137 N 6th, Phila., Pa.
Frizell Ladder Co., 135 Granite av, Boston, Mass.
Goshen Mfg. Co., Goshen, Ind.
Krewson T. C., 801 Master, Phila., Pa.
Moulton C. W. H. Co., Somerville, Mass.
Reilley Bros. Ladder Co., 324 W 41st, New York
Rich Pump Co., South & Depot, Cincinnati, Ohio
Safety Ladder Mfg. Co., Seattle, Wash.
Steel Scaffolding Co., Evansville, Ind.
Young Bros. Co., Worcester, Mass.

15936—Trestles (Shaft Hanging)

Portland Extension Ladder & Pole Co. ("Excelsior" Folding Extension Trestle or Scaffold Horse), 130 Orange, Newark, N. J.

15937—Trestles (Steel, Folding)

FRASSE PETER A. & CO. (INC.), 417 Canal, New York
See adv index at end of book

15938—Trestles (Steel Frame)

SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

15939— Triangles

Brown & Sharpe Mfg. Co. (Steel), Providence, R. I.
Defiance Mfg. Co., 22 E 41st, New York
Disston Henry & Sons (Steel), Tacony, Phila., Pa.
Elliott B. K. Co. 126 6th, Pittsburgh, Pa.
Hallett Iron Works, Harvey, Ill.
Keuffel & Esser Co., Hoboken, N. J.
Mound Tool Co. ("Mound"), 1203 S 7th, St. Louis, Mo.

15940-1—Triangles (Line Wire)

Hallett Iron Works, Harvey, Ill.

Triers

See Tryers

15942—Trimmers (Bolt Head)

BLISS E. W. CO., 19 Adams, Brooklyn, New York *See adv index at end of book*
Manville E. J. Machine Co., Waterbury, Conn.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

15943— Trimmers (Hedge)

American Axe & Tool Co., Glassport, Pa.
Disston Hy. & Sons, Tacony, Phila., Pa.
Stearns E. C. & Co. (Or Lawn), 450 Oneida, Syracuse, N. Y.

Trimmers (Hoof)

See Parers, Hoof

15944—Trimmers (Lamp Wick)

Bridgeport Brass Co., Bridgeport, Conn.
Graef & Schmidt ("Twin-Brand" Imp.), 107 Chambers, New York
Ives H. B. Co. ("Barnard"), New Haven, Conn.

15945— Trimmers (Lawn)

Chadborn & Coldwell Mfg. Co. ("C. & C."), Newburgh, N. Y.
Coldwell Lawn Mower Co., Newburgh, N. Y.
Granite State Mowing Machine Co. ("Capitol" Lawn Mower Pattern), Hinsdale, N. H.
Imperial Bit & Snap Co. ("Imperial"), Racine, Wis.
Northwestern Stamping Co. ("N. W."), Burlington, Ia.
Osmundson Spade Mfg. Co. ("Hawkeye" "Edgar"), Perry, Ia.
Phila. Lawn Mower Co. ("Philadelphia"), 3107 Chestnut, Phila., Pa.
SUPPLEE-BIDDLE HARDWARE CO. ("Pennsylvania" Ball Bearing), 510 Commerce, Phila., Pa.
See adv index at end of book
Townsend S. P. & Co., Orange, N. J.

15946—Trimmers (Linseed & Cottonseed Cake)

French Oil Mill Machinery Co., Piqua, O.

15947— Trimmers (Lumber)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
American Sawmill Machinery Co. ("American"), Hackettstown, N. J.
Baldwin Tuthill & Bolton, Grand Rapids, Mich.
Clark Bros. Co., Olean, N. Y.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
DeLoach Mill Mfg. Co., Bridgeport, Ala.
Diamond Iron Works ("Diamond" & "Harmon"), 2nd & 18th av, Minneapolis, Minn.
Enterprise Co., Columbiana, O.
Filer & Stowell Co., Milwaukee, Wis.
Fox Machine Co. ("Universal" Pattern Makers), Jackson, Mich.
Garland M. Co., Bay City, Mich.
Gordon Hollow Blast Grate Co. ("Tower"), Greenville, Mich.
Henderson W. K. Iron Works & Supply Co., Shreveport, La.
Howell R. R. & Co., 31st av, Minneapolis, Minn.
Lane Mfg. Co., Montpelier, Vt.
Murray D. J. Mfg. Co., Wausau, Wis.
Phoenix Mfg. Co., Eau Claire, Wis.
Smith, Myers & Schnier Co., 621 W Front, Cincinnati, O.
Southern Engine & Boiler Works, Jackson, Tenn.
Standard Saw Mill Machinery Co., Erie, Pa.
Stearns Co., Erie, Pa.
Stellman L. H. & Son, Brattleboro, Vt.
Union Iron Works, Bangor, Me.
United States Machine Co., Williamsport, Pa.
Wheland Co., Chattanooga, Tenn.
Wickes Bros., Saginaw, Mich.
See adv index at end of book

15948—Trimmers (Paper Hangers')

See also Tools, Paper Hangers

Allen A. & Co. ("Climax," "Eclipse," "Triumph," "Keystone" Hand & Power), 2001 Carpenter, Phila., Pa.
Ridgely Trimmer Co., Springfield, O.

15949—Trimmers (Photograph)

Fletcher, Terry Co., Forrestville, Conn.
Jacques John & Son, Worcester, Mass.
Monce S. G. Unionville, Conn.

15950—*Trimmers (Sheet Metal)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

15951— Trimmers (Slate)

Ruggles Machine Co., Poultney, Vt.

15952-3—Trimmers (Spoke)

See also Pointers

Bonney Vise & Tool Works, Allentown, Pa.
See adv index at end of book
Ives W. A. Mfg. Co. ("Ives"), Wallingford, Conn.

15954— Trimmers (Tree)

See also Shears, Pruning

Atkins E. C. & Co., 41 W So. Indianapolis, Ind.
Klein Mathias & Sons ("Klein's"), 562 W Van Buren, Chicago, Ill.
Ransome-Leach Co. (With or Without Saw), 115 B'way, New York
Smith Seymour & Son, Oakville, Conn.

Trimmers (Wall Paper)

See Trimmers, Paper Hangers

15955—Trimmings (Bedstead)

American Ring Co., Waterbury, Conn.
Pritchard Stamping Co. (Brass), Rochester,, N. Y.
Riley-Klotz Mfg. Co., 17 Mulberry, Newark, N. J.
Schultze Mfg. Co., 46 Lawrence, Newark, N. J.
Scovill Mfg. Co., Waterbury, Conn.
See adv index at end of book

15955a— *Trimmings (Blind)

STANLEY WORKS, New Britain, Conn.
See adv index at end of book

15956—Trimmings (Boat & Launch)

Detroit Arch'l Iron Works Co., Detroit, Mich.
Laughlin Thos. Co., Portland, Me.
Liberty Brass Works, 305 W Lombard, Baltimore, Md.
Minneapolis Brass & Iron Mfg. Co., 115 N 9th, Mnnneapolis, Minn.
Twentieth Century Brass Works Co., 514 5th av S, Minneapolis, Minn.

Trimmings (Car)

See Car Trimmings

15957— Trimmings (Casket)

Elgin Silver Plate Co., Elgin, Ill.
International Silver Co., Meriden, Conn.
Rogers Silver Co., Westfield, Mass.
Schlegel Mfg. Co., Rochester, N. Y.
Syracuse Ornamental Co., Syracuse, N. Y
Westfield Plate Co., Thompsonville, Conn.

15958—Trimmings (Fancy Box)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Riley-Klotz Mfg. Co., 17 Mulberry, Newark, N. J.
Stimpson Edw. B. Co. (Also for Cigar Boxes), 68 Franklin av, Brooklyn, N.Y.

15959—Trimmings (Furniture)

American Pin Co. ("Ampinco"), Waterbury, Conn.
American Ring Co. (Brass), Waterbury, Conn.
Artistic Bronze Co., Bridgeport, Conn.
Beereis & Bossick Co. Div. of The Bossick Co., Bridgeport, Conn.
Brainerd Mfg. Co., East Rochester, N. Y.
Ellison Brass Mfg. Co., Jamestown, N. Y.
Grand Rapids Brass Co. (Metal Escutcheons, Knobs, Pulls, Hinges, etc), Grand Rapids, Mich.
Keeler Brass Co., Grand Rapids, Mich.
National Lock Co. (Brass & Plate), Rockford, Ill.
Novelty Mfg. Co. (Metal), Waterbury, Conn.
Schlegel Mfg. Co., Rochester, N. Y.

15960— Trimmings (Halter)

Frazer & Jones Co. ("Eames," "Excelsior," etc), Syracuse, N. Y.
North & Judd Mfg. Co. ("Anchor Brand" etc), New Britain, Conn.

15961— Trimmings (Harness)

Enterprise Mfg. Co. (Saddlery Trimmings), Akron, O.
Rubber & Celluloid Harness Trimming Co. (Rubber & Celluloid), 56 Ferry, Newark, N. J.

15962—Trimmings (Lavatory Door)

Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill. *See adv index at end of book*
Niles Mfg. Co. (Bronze Metal Bolts, Strikes, Indicators, Latches, etc), 216 S Jefferson, Chicago, Ill.

15963—Trimmings (Refrigerator)

Arcade Mfg. Co., Freeport, Ill.
Brainerd Mfg. Co., East Rochester, N. Y.
Brass Goods Mfg. Co., 533 Union, Brooklyn, N. Y.
DENT HARDWARE CO., Fullerton, Pa.
Grand Rapids Brass Co., Grand Rapids, Mich.
Tiebout W. & J., 118 Chambers, New York

Trimmings (Saddlery)

See Trimmings, Harness

15964—Trimmings (Smoking Pipe)

Novelty Mfg. Co. (Brass), Waterbury, Conn.
Weber-Knapp Co. (Smoker Sets), Jamestown, N. Y.

Trimmings (Stove)

See Stove Trimmings

15965—Trimmings (Table Cuttlery)

Novelty Mfg. Co., Waterbury, Conn.

15966— Trimmings (Umbrella & Parasol)

Schlegel Mfg. Co., Rochester, N. Y.
Woolson James B., Watertown, Conn.

15966a—*Tri-Nitro-Toluol Apparatus

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

15966c— *Tripods

GORHAM CO., ARCHITECTURAL BRONZE, 5th av & 36th, New York
See adv index at end of book

15967— Tripods (Drill)

Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book

15968—Tripods (Engineers')

Gurley W. & L. E. (For Transits, Levels, Compasses & Plane Tables), Troy, N. Y.
Ulmer J. C. Co., Cleveland, O.

15969—*Tripods (Portable Folding)

SPIEDEL JOHN G. (For Hoists), Reading, Pa. *See adv index at end of book*

15970— Tripoli

See also Composition, Buffing

American Tripoli Co. (Pure Tripoli Flour), Seneca, Mo.
Callery W. W. & Co., Pittsburgh, Pa.
Cohutta Talc Co. (Miners' & Refiners'), Dalton, Ga.
Chrystal Chas. B., 13 Cliff, New York
See adv index at end of book
Doggett Stanley, 11 Cliff, New York
Fuller Ralph L. & Co. Inc., 2 Rector, New York *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Cleveland; New York and Philadelphia
Mepham Geo. S. & Co., 20th & Lynch, East St. Louis, Ill.
Oxford Tripoli Sales Co. Inc. (Infusorial), 11 B'way, New York
Waddell R. J. & Co. (Imp.), 52 Beekman, New York
Wiarda John C. & Co. (Composition), 273 Greene av, Brooklyn, N. Y.

15971— Trippers (Belt)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Webster Mfg. Co., Tiffin, O.

15972— Triturators

Coldwell-Wilcox Co., Newburgh, N. Y.
Cresson-Morris Co., Allegheny & 18th, Phila., Pa.

15973— Trocars (Bull Nose)

Baird Company, Plainfield, N. J.

15974— Trolley Ears

Allen Fire Dept Supply Co., 159 Aborn, Providence, R. I.
Anderson Albert & J. M. Mfg. Co., 289 A, Boston, Mass.
Chester Ry. Supply Co. ("Dyer"), Chester, Pa.
Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
Creaghead Engineering Co., 340 Main, Cincinnati, O.
Drew Electric & Mfg. Co., Indianapolis, Ind.
Electric Service Supplies Co. ("Keystone"), 17th & Cambria, Phila., Pa.
Eureka Co., North East, Pa.
GILBERT-GRANT CO., 143 B'way, New York *See adv index at end of book*
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
Ohio Brass Co., Mansfield, O.

Trolley Harps or Forks

See Forks, Trolley; also Trolley Line Materials

15975—Trolley Line Materials

See also Railway Supplies, Electric

American Mine Door Co., Canton, Ohio
American Safety Lamp & Mine Supply Co., Scranton, Pa.
Anderson Albert & J. M. Mfg. Co. (Overhead), 289 A, Boston, Mass.
Archbold-Brady Co. (Catenery Bridges Only), Syracuse, N. Y.
B. & K. Mfg. Co., 321 Ellis, New Britain, Conn.
Bayonet-Trolley-Harp Co. (Detachable Trolley Harp & Butterfly Sleet Cutter), Springfield, O.
Clark Elec. & Mfg. Co. ("Clark"), 149 B'way, New York
Columbia Machine Works & Malleable Iron Co. (Strain Line Anchor, etc), Atlantic av & Chestnut, Brooklyn, N. Y.
Creaghead Engineering Co. ("Creaghead"), 340 Main, Cincinnati, O.
Dickinson Mfg. Co., Springfield, Mass.
Drew Electric & Mfg. Co., Indianapolis, Ind.
Eccles & Smith Co., 71 1st, San Francisco, Cal.
Electric Railway Equipment Co., Cincinnati, O.
Electric Materials Co., North East, Pa.
Electric Railway Equipment Co., Cincinnati, Ohio
Electric Service Supplies Co. ("Keystone"), 17th & Cambria, Phila., Pa.
Electrical Material Co. (Flexo & Semi-Flexo Trolley Cars; Mabir & Hivol Pins, etc.), 618 W. Jackson Blvd, Chicago, Ill.
Electrose Mfg. Co., 70 Washington, Brooklyn, N. Y.
Eureka Co. (Trolley Ears, Splicers, etc), North East, Pa.
Flood City Mfg. Co. (Wheels, Harps, etc, for Mines, etc), Johnstown, Pa.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Gilbert & Sons Brass Fdy. Co., 4019 Forest Pk Blvd, St. Louis, Mo.
Hallett Iron Works ("Hallett"), Harvey, Ill.
Harrison Electric Co., 411 Van Brunt, Brooklyn, N. Y.
Hickey & Schneider (Specialties), Elizabeth, N. J.
Johns H. W.-Manville Co., ("J.-M" Overhead & Subway), Madison av & 41st, New York
Keystone Drop Forge Works (Harps, etc), Chester, Pa.
Lang J. Electric Co., 423 N Lincoln, Chicago, Ill.
Line Material Co., S Milwaukee, Wis.
Lord Mfg. Co., 105 W 40th, New York
Macallen Co., 16 Macallen, South Boston, Mass.
Miller Trolley Shoe Co. (Trolley Shoes), 15 Elkins, Boston, Mass.
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
National Brass Mfg. Co. (Trolley Wheels & Harps), Rochester, N. Y.
NUTTALL R. D. CO. ("Union" "Standard" Trolley, Harps), McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Ohio Brass Co. (Overhead), Mansfield, O.
Phila. Electrical & Mfg. Co. ("Pemco" Feeder Arms, etc), 1236 N 31st, Phila., Pa.
Post-Glover Electric Co., 308 W 4th, Cincinnati, O.
Stuart-Howland Co., 234 Congress, Boston, Mass.
Traction Materials Co., 501 5th av, New York
Union Electric Co., 31 Terminal wy, Pittsburgh, Pa.
Wallace Supplies Mfg. Co., 412 Orleans, Chicago, Ill.
WESTINGHOUSE ELEC. & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

15975a—*Trolley Locomotives

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

Trolley Poles

See Poles, Various Kinds; also Ties, Poles & Posts

15975b—*Trolleys (Bucket)

Browning Victor R. & Co., 17701 Lake Shore blvd, Cleveland, O, Mansfield, O. & College Point, New York
See adv index at end of book

15976—Trolleys (Butchers' Beef)

Allbright-Nell Co., 5323 Western blvd, Chicago, Ill.
Duncan J. Co., 7 Fulton plc., Boston, Mass.
Gloekler Bernard Co., 1127 Penn av, Pittsburgh, Pa.

15977— Trolleys (Cable)

Hallett Iron Works ("Hallett"), Harvey, Ill.

15978—Trolleys (Electric Conveying)

Brown Hoisting Machinery Co., 4403 St. Clair, N. E., Cleveland, O.
Farnham Mfg. Co., 39 Indiana, Buffalo N. Y.
Gilbert-Grant Co., 143 B'way, New York
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Yale & Towne Mfg. Co., 9 E 40th, New York

15979— Trolleys (Trunnion)

Erie Forge Co., Erie, Pa.

15980— Trolleys & Chairs (Cable Stringing)

Bissell F. Co. ("Security"), Toledo, O.
Central Telephone & Elec. Co. ("Arrow"), 310 N 11th, St. Louis, Mo.
Ransome-Leach Co., 115 B'way, New York

15981—Trolleys & Trolley Tracks (Overhead)

Atlas Car & Mfg. Co., Cleveland, O.
Aurora Door Hanger & Specialty Co., Aurora, Ill.
Blethen Heigh R., 21 Park Row, New York
Box Alfred & Co., 813 N Front, Phila., Pa.
Brown Hoisting Machinery Co., 4403 St. Clair, N E. Cleveland, O.
CAMERON ENGINEERING CO. ("I" Beam Hangers, "I" Beam Switches & Trolleys), E Stroudsburg, Pa.
See adv index at end of book
Case Crane & Engineering Co. (I Beam) Columbus, O.
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Chisholm-Moore Mfg. Co. (Geared & Plain Yoke Trolleys), 5046 Lakeside, Cleveland, O.
COBURN TROLLEY TRACK MFG. CO., P. O. Box 721, Holyoke, Mass.
Curtis & Co. Mfg. Co. (Air Motor, Beam Trolleys & Tunnison Beam Trolley Hoists, etc), 1571 Kienlen av, St. Louis, Mo.
DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*
Duncan J. Co. (For Rubber Mills), 7 Fulton pl, Boston, Mass.
Euclid Crane & Hoist Co., Euclid, O.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Ford Chain Block Mfg. Co., 139 Oxford Phila., Pa.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
GILBERT GRANT CO. ("I" Beam Hangers, "I" Beam Switches & Plain & Electric Trolleys), 143 B'way, New York. *See adv index at end of book.*
Harrington Edw. Son & Co., 17th & Callowhill, Phila., Pa.
Lane Bros Co. (Trolley Carriers), Poughkeepsie, N. Y.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R. Ry., Phila., Pa.
See adv index at end of book
Lovejoy Tool Works (I Beam Trolleys), 319 W Ohio, Chicago, Ill.
McCabe Hanger Mfg. Co. (Eye Beam), 425 W 25th, New York
Maris Bros., 56th & Grays Ferry rd, Phila., Pa.
Moore Franklin Co., Winsted, Conn.
MYERS F. E. & BRO., 800 Orange, Ashland, O. *See adv index at end of book*
New Jersey Foundry & Machine Co. (Hand & Electric Power), "Delta," 89 West, New York
NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book
Parlette H. Leslie, Media, Pa.
Pawling & Harnischfeger Co. (I Beam Electric), Milwaukee, Wis.
Philadelphia Tram-Rail Co., Front & Tusculum, Phila., Pa.
Randall Tramrail Co., 335 N 2d, Phila., Pa.
READING CHAIN BLOCK CORP., Reading, Pa.
Richards-Wilcox Mfg. Co. ("Richards-Wilcox" Trolley Overhead Carriers), Aurora, Ill.
Ricker Mfg. Co., Rochester, N. Y.
Roeper Crane & Hoist Works, Reading, Pa.
Round D. & Son, Cleveland, O.
SHEPARD ELECTRIC CRANE & HOIST CO. (Electric, Plain & Geared, I-Beam), Montour Falls, N. Y.
See adv index at end of book
SPEIDEL JOHN G., Reading, Pa.
See adv index at end of book
Stuebner G. L. Iron Wks., Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Whitehead & Kales Iron Works, Detroit, Mich.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.
Wright Mfg. Co. (High Speed), Lisbon, Ohio
Yale & Towne Mfg. Co. (Crane-I-Beam & Plain Rail), 9 E 40th, New York

15982— Trommels (Rice)

Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.

15983— Troughs (Hog)

See also Troughs, Watering

American Scale Co., Kansas City, Mo.
Clarke J. Q. Tank Co., Crawfordsville, Ind.
Columbian Steel Tank Co. (Galvanized Steel), New England bldg, Kansas City, Mo.
Conner J. W. & Son (Cast Iron), Orangeville, Pa.
Dutton E. Q. & Co., Cato, N. Y.
East Bangor Mfg. Co. (Cast Iron), Bangor, Pa.
Foltz Mfg. & Supply Co., Hagerstown, Md.
Franklin Galvanized Ware Mfg. Co. (Galvanized Steel), Franklin, Ind.
Glor Bros. & Willis Mfg. Co., Attica, N. Y.
Hayton Pump Co. (Cast Iron), Quincy, Ill.
Kretchmer Mfg. Co. (Galvanized), Council Bluffs, Ia.
Loetscher-Ryan Mfg. Co. ("Star" Cast), Dubuque, Ia.
Maytag Co., Newton, Ia.
Munnsville Plow Co. (Cast Iron), Munnsville, N. Y.
Nebraska & Iowa Steel Tank Co., Omaha, Neb.
Northwestern Stamping Co. ("Northwestern Seamless"), Burlington, Ia.
Quinn Wire & Iron Works ("Daisy"), Boone, Ia.
Western Mfg. Co., Oskaloosa, Ia.
Whitacre-Goshert Mfg. Co. (Galv., also Sheep), Rockford, Ill.

15984— Troughs (Meat)

Brecht Co., 1201 Cass av, St. Louis, Mo
Sterling Wheelbarrow Co. ("Sterling" Sanitary), Milwaukee, Wis.

15985—Troughs (Watering)

Barnes & Nuss Co. (Galvanized Steel), Grand Forks, N. D.
Buch's A. Sons Co. (Cast Iron & Steel), Elizabethtown, Pa.
Bushnell Tank Works, Bushnell, Ill.
Casey-Hedges Co. (Cast Iron Horse), Chattanooga, Tenn.
Central Foundry Co. (Cast Iron), 90 West, New York
Chicago Hardware Foundry Co., 546 W Washington, No. Chicago
Chicago Steel Tank Co., 733 S Halsted, Chicago, Ill.
Columbian Steel Tank Co. (Galvanized Steel), New England bldg, Kansas City Mo.
East Bangor Mfg. Co. (Cast Iron Hog), Bangor, Pa.
Ephrata Foundry & Machine Works (Cast Iron, Portable Line), Ephrata, Pa.
Flint & Walling Mfg. Co. (Galvanized Steel), Kendallville, Ind.
Foltz Mfg. & Supply Co., Hagerstown, Md.
Franklin Galvanized Ware Mfg. Co. (Galvanized Steel), Franklin, Ind.
Harry Bros. Co. ("Harry's," Corrugated Galvanized Iron), New Orleans, La.
Harry O. K. Steel Co. (Galvanized Steel), 2333-35 Papin, St. Louis, Mo.
Harry O. K. Steel Works (Feed), Dallas, Tex.
Heesen Bros. Co. (Cast Iron), Tecumseh, Mich.
Heller-Aller Co., Napoleon, O.
Honhorst Joseph Co., 1016 W 6th, Cincinnati, O.
Kelly Foundry & Machine Co. (Poultry), Goshen, Ind.
Kretchmer Mfg. Co. (Galvanized), Council Bluffs, Ia.
Littleford Bros., 444 E Pearl, Cincinnati, O.
Loetscher-Ryan Mfg. Co. ("Star" Cast for Hogs), Dubuque, Ia.
Munnsville Plow Co. (Cast Iron), Munnsville, N. Y.

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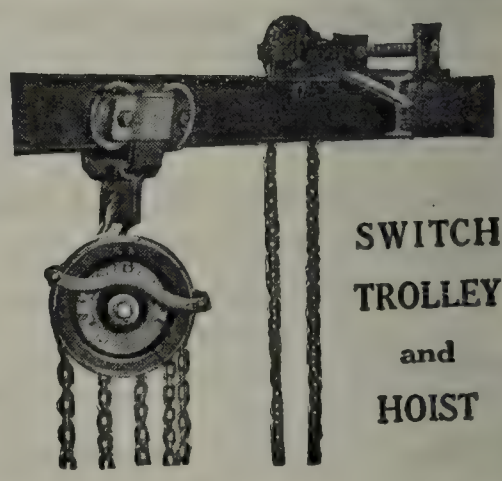

SWITCH TROLLEY and HOIST

Nebraska & Iowa Steel Tank Co., Omaha, Neb.
Niles Steel Tank Co. (Galvanized Steel), Niles, Mich.
North Dakota Metal Culvert Co. (Galvanized Steel), Fargo, N. D.
Perkins Wind Mill Co., Mishawaka, Ind.
Walls Owen & Stambach Co. (Soaptone) 11th & Hamilton, Phila., Pa.
Weather-Proof Watering Trough & Tank Mfg. Co. (Concrete), Burlington, Ia.
Weaver & Co. (Steel), New Oxford, Pa.

15986— Trowels

Arcade Mfg. Co. (Steel Garden, etc), Freeport, Ill.
Billings Union Trowel Works (D. W. Gray Co.), Irvington, N. J.
Bishop Geo. H. & Co. (Plasterers'), Lawrenceburg, Ind.
Browne & Dowd Mfg. Co. (Plastering), Meriden, Conn.
Buffum Tool Co. ("Swastika", Plastering Brick, Bent Blade Garden Transplanting, Handy Pointing, etc), South Side, Louisiana, Mo.
Crescent Novelty Mfg. Co. (Handle, Edge Outside Corner of Angle), 703 S B'way, St. Louis, Mo.
Disston Henry & Sons (Garden, Brick, Plastering, Edging, Cementing, etc), Tacony, Phila., Pa.
Goldblatt H. Tool Co. ("Goldblatt"), 213 E 15th, Kansas City, Mo.
Hall Mfg. Co. ("Hall" Garden), Monticello, Ia.
Hills Edwin (Garden), Plainville, Conn.
Kohler F. E. Co. (Garden, etc), Canton, O.
Landers, Frary & Clark (Garden), New Britain, Conn.
Lothrop H. A. & Co., Sharon, Mass.
Marshalltown Trowel Co. (Plasterers', Brick, etc), Marshalltown, Ia.
Maynard C. A. (Garden Brick, etc), Northampton, Mass.
Potter Mfg. Co. (Brick, Pointing, Garden, Florists, etc), Geneva, O.
Reading Saddle & Mfg. Co. (Plastering, Florists, Brick, Garden, etc), Reading, Pa.
Rose Wm. & Bros., Sharon Hill, Pa.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Stortz Jno. & Son (Cement Workers, Putty, Paint, etc), 210 Vine, Phila., Pa.
Union Furnace Mfg. Co., Union Furnace, Pa.
Western Steel & Iron Works (Garden), De Pere, Wis.

15987— Trowels (Butter)

Landers, Frary & Clark (Also Butter Spades, etc), New Britain, Conn.
NICHOLS BROS. ("Nichols Bros."), Greenfield, Mass.

15988—Trowels (Concrete Finishing)

Arrowsmith Concrete Tool Co., Arrowsmith, Ill.
Bishop George H. & Co., Lawrenceburg, Ind.

15989— Trowels (Garden)

Arcade Mfg. Co. (Steel, etc), Freeport, Ill.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Disston Henry & Sons, Tacony, Phila., Pa.
Hall Mfg. Co. ("Hall"), Monticello, Ia.
Hills Edwin, Plainville, Conn.
Johnson Wm. (Hedenberg Works), Newark, N. J.
Kohler F. E. Co., Canton, O.
Landers, Frary & Clark, New Britain, Conn.
Mason & Parker Mfg. Co., Winchendon, Mass.
Maynard C. A., Northampton, Mass.
N. Y. Stamping Co. ("Primrose"), N 11th & Berry, Brooklyn, N. Y.
Potter Mfg. Co., Geneva, O.
Western Steel & Iron Works, De Pere, Wis.
Wilkins Toy Co., Keene, N. H.

Trowels (Molders')

See Tools, Molders'

15990—Trowels (Plastering)

Atkins E. C. & Co., Indianapolis, Ind.
Bishop George H. & Co., Lawrenceburg, Ind.
Browne & Dowd Mfg. Co., Meriden, Conn.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Clark W. J. Co., Salem, O.
Crescent Mfg. Co., 129 Reade, New York
Disston Henry & Sons, Tacony, Phila., Pa.
Goldblatt H. Tool Co., 213 E 15th, Kansas City, Mo.
Johnson Wm. (Hedenberg Works), Newark, N. J.
Marshalltown Trowel Co., Marshalltown, Ia.
Potter Mfg. Co., Geneva, O.
Reading Saddle & Mfg. Co. (Steel Blade), Reading, Pa.
Rose Wm. & Bros., Sharon Hill, Pa.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
S. & I. Co., Springfield, Mass.

Trowels (Putty)

See Knives, Putty

15991—Truck Bands (Rubber)

Boston Belting Corp., 84 Linden Park, Boston, Mass.
Empire Tire & Rubber Corp., East Trenton, N. J.
Goodrich B. F. Co., Akron, O.
Hamilton Rubber Mfg. Co., Trenton, N. J.
Home Rubber Co., Trenton, N. J.
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mechanical Rubber Co., Cleveland, O.
N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
N. Y. Belting & Packing Co., 91 Chambers, New York
United & Globe Rubber Mfg. Co., Trenton, N. J.
Whitehead Bros. Rubber Co., Trenton, N. J.

15992—Truck Trailers (Automobile)

Acme Wagon Co. ("Acme"), Emigsville, Pa.
Anchor Buggy Co. ("Anchor"), C. H. & D. Ry, nr. Gest, Cincinnati, O.
Arcadia Trailer Corp., Newark, N. J.
Butler Co. ("Butler"), Butler, Ind.
Davenport Wagon Co., Davenport, Ia.
Defiance Carriage Co. ("Defiance"), Defiance, O.
Detroit Trailer Co., 673 Atwater, E, Detroit, Mich.
Durant-Dort Carriage Co., Flint, Mich.
Emerson Brantingham Co. ("E. B."), Rockford, Ill.
Erie Trailer Mfg. Co. ("Erie"), Erie, Pa.
Eureka Co. ("Eureka"), Rock Falls, Ill.
Forschler Motor Truck Co., New Orleans, La.
Fruehauf Trailer Co., 1371 Gratiot av, Detroit, Mich.
Glen Wagon & Car Corp., Cortland, N. Y.
Hessner Henry & Son, 33 Bartlett, Brooklyn, N. Y.
Kentucky Wagon Mfg. Co., Louisville, Ky.
King Trailer Co., Ann Arbor, Mich.
Lansing Wagon Works, Lansing, Mich.
Laros D. A. & Sons Co., Grinnell, Ia.
Lee Loader & Body Co. (Semi-Trailers), 2343 S La Salle, Chicago, Ill.
Lion Buggy Co. ("Lion"), C. H. & D. R. R., nr. Gest, Cincinnati, O.
Martin Carriage Works ("Martin"), York, Pa.
Martin Rocking Fifth Wheel Co., 21 Besse pl, Springfield, Mass.
Miami Trailer Co., Troy, Ohio
Michigan Auto Trailer Co., 224 21st, Detroit, Mich.
Michigan Trailer Co., Kalamazoo, Mich.
Miles Co. ("Jackson"), Jackson, Mich.
Nagle John C., 431 Baker, Detroit, Mich.
Nonpareil Mfg. Co. ("Nonpareil"), Cochranton, Pa.
Northway Trailer Car Co. (High Speed), East Rochester, N. Y.
Ohio Trailer Co., Nottingham & Oakview, Cleveland, O.
Parry Mfg. Co. ("Parry"), Indianapolis, Ind.
Powell Trailer Co., Corry, Pa.
Press Jacob Sons, 300 N Halsted, Chicago, Ill.
Randolph H. C. ("Randolph"), Jonesville, Mich.
Rogers Bros. Co. ("Rogers"), Albion, Pa.
Shadbolt Mfg. Co., 68 Flushing av, Brooklyn, N. Y.
Sherwood Bros. Mfg. Co., Canastota, N. Y.
Simplex Short Turn Trailer Co., Auburn, Ind.
Sior Heinrich, 245 Floyd, Brooklyn, N. Y.
Trailmobile Co. ("Trailmobile"), 5th & Culvert, Cincinnati, O.

15993-4— Trucks (Aerial)

American-La France Fire Engine Co., Elmira, N. Y.
Seagrave Co. (Motor Only), Columbus, O.

15995— Trucks (Ash Can)

Browne W. G. Mfg. Co. ("Handy"), Kingston, N. Y.
Clark Geo. P. Co., Windsor Locks, Conn.
Eureka Mower Co., 16 Hickory, Utica, N. Y.
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section

15996—Trucks (Assembling)

Clark Geo. P. Co., Windsor Locks, Conn.
Dexter Metal Mfg. Co. (Steel), 93 Arch, Camden, N. J.
Towsley John T. Mfg. Co., Cincinnati, O.

15997—Trucks (Automatic Loading)

Clark Geo. P. Co., Windsor Locks, Conn.
Cowan Truck Co., Holyoke, Mass.
National Scale Co. ("National Chapman"), 11 Hendricks, Chicopee Falls, Mass.
Plimpton Elevating Truck Co., 70 5th av, New York

15998—Trucks (Automobile Wrecking)

Weaver Mfg. Co. ("Weaver" Auto Ambulance), Springfield, Ill.

15999—Trucks (Bag Holder)

Stevens Mfg. & Foundry Co., Decatur, Ill.

16000—Trucks (Bag & Barrel)

Adams Co. (Iron), Dubuque, Ia.
Armstrong Truck Co. (2 & 4 Wheel), North Wales, Pa.
Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
Barnard & Leas Mfg. Co., Moline, Ill.
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Bowser N. P. Co. (Bag Holding Only), South Bend, Ind.
Buch's A. Sons Co., Elizabethtown, Pa.
Cardington Cabinet Co. ("Handy"), Cardington, O.
Chicago Scale Co., 7740 S Chicago av, Chicago, Ill.
Clark Geo. P. Co., Windsor Locks, Conn.
Comstock Geo. S. & Son (Bag), Mechanicsburg, Pa.
Conner J. W. & Son (Bag), Orangeville, Pa.
Defiance Box Co., Defiance, O.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Eureka Mower Co., 16 Hickory, Utica, N. Y.
FAIRBANKS CO., 416 Broome, New York
For branch houses see Alphabetical Section
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Farquhar A. B. Co. (Ltd.), York, Pa.
Howe Scale Co., Rutland, Vt.
Kilbourne & Jacobs Mfg. Co., Columbus, Ohio
Knowles Scale Works (Ash Barrel Cans), Lowell, Mass.
Lansing Co., Lansing, Mich.
Lehr Agricultural Co., Fremont, O.
McKinney Mfg. Co., Pittsburgh, Pa.
Messinger Mfg. Co., Tatamy, Pa.
Moore Truck & Mfg. Co., Trenton, Mich.
Nutting Truck Co. (2, 4 & 6 Wheeled), Faribault, Minn.
Peck C. A. Hardware Co. (Automatic Barrel), Berlin, Wis.
Phillips Doup & Co. ("National"), 60 Pearl, Brooklyn, N. Y.

TRUCKS (BAG & BARREL)—continued

Rome Scale & Mfg. Co., Rome, Ga.
Sprout, Waldron & Co. (Bag), Muncy, Pa.
Standard Scale & Supply Co., 1631 Liberty av, Pittsburgh, Pa.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
Universal Machine Co. (2 Wheel Hand), Bowling Green, O.
Western Wheelbarrow Mfg. Co., South Fort Smith, Ark.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.
Wolf Co., Chambersburg, Pa.
Wrightsville Hardware Co. (Bag), Wrightsville, Pa.
Zering H. Mfg. Co., Cincinnati, O.

16001— Trucks (Baggage)

Ames Plow Co., Quincy Hall, Boston, Mass.
Atlas Car & Mfg. Co., Cleveland, O.
Automatic Transportation Co., 2933 Main, Buffalo, N. Y.
Bryan Mfg. Co., P. O. Box D, Bryan, O.
Buda Co., 80 E Jackson, Chicago, Ill.
Clark Geo. P. Co., Windsor Locks, Conn.
Covel Mfg. Co., Benton Harbor, Mich.
Cowan Truck Co., Holyoke, Mass.
Elwell-Parker Electric Co. (Electric), Cleveland, O.
FAIRBANKS CO., 416 Broome, New York
For branch houses see Alphabetical Section
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Farquhar A. B. Co. (Ltd.), York, Pa.
Fox Z. F. & Son, Freeport, Mich.
Hoagland Thayer, Inc., 300 Washington, Newark, N. J.
Howe Scale Co., Rutland, Vt.
Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
Kalamazoo Railway Supply Co. (Also Railroad Warehouse), Kalamazoo, Mich.
Karry Lode Industrial Truck Co., 100 Mott av, Long Island City, N. Y.
Lakewood Engrg. Co., Cleveland, O.
See adv index at end of book
Lansing Co., Lansing, Mich.
Mercury Mfg. Co., 4118 S Halsted, Chicago, Ill.
Nutting Truck Co., Faribault, Minn.
Phillips, Doup & Co. ("National"), 60 Pearl, Brooklyn, N. Y.
Rome Scale & Mfg. Co., Rome, Ga.
Standard Scale & Supply Co., The, 1631 Liberty av, Pittsburgh, Pa.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Walker Vehicle Co., W 39th & Wallace, Chicago, Ill.
Western Wheelbarrow Mfg. Co., South Ft. Smith, Ark.
White Co., Cleveland, O.
Wright-Hibbard Industrial Elec. Trucks Co., Buffalo, N. Y.
Zering H. Mfg. Co., Cincinnati, O.

16002—*Trucks (Barrel, Steel)

OHIO MFG. CO., P. O. Box 358, Painesville, O. *See adv index at end of book*

16003— Trucks (Basket)

Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Kilbourne & Jacobs Mfg. Co., Columbus, O.
La Plante Choate Mfg. Co. (House), Cedar Rapids, Ia.
Nutting Truck Co., Faribault, Minn.
Peerless Wire Goods Co. (Wire), Lafayette, Ind.
Peru Basket Co. (Bamboo Truck, Rubber Tired Wheels), Peru, Ind.
Western Wheelbarrow Mfg. Co., South Ft. Smith, Ark.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.
Zering H. Mfg. Co., Cincinnati, O.

16004—Trucks (Binder & Header)

Harvester Co. (Binder), Batavia, N. Y.
Massey-Harris Harvester Co. (Binder), Batavia, N. Y.
Moline Plow Co. (Binder), Moline, Ill.
Winona Wagon Co. (Header), Winona, Minn.

16005— Trucks (Bottlers')

Clark Geo. P. Co., Windsor Locks, Conn.
For branch houses see Alphabetical Section
Fairbanks Co., 416 Broome, New York
Western Wheelbarrow Mfg. Co., South Ft. Smith, Ark.

16006— Trucks (Box)

Allsteelequip Co., Aurora, Ill.
Armstrong Truck Co., North Wales, Pa.
Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
Clark Geo. P. Co., Windsor Locks, Conn.
Cleveland Wire Spring Co. (Steel), Cleveland, O.
Dail Steel Products Co. (Steel), Lansing, Mich.
Dexter Metal Mfg. Co. (Steel), 93 Arch, Camden, N. J.
Easton Car & Construction Co., 15 Center sq, Easton, Pa.
See adv index at end of book
ELECTRIC WHEEL CO., Station D, Quincy, Ill. *See adv index at end of book*
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Farquhar A. B. Co. (Ltd.), York, Pa.
Globe Vise & Truck Co., Grand Rapids, Mich.
Howe Scale Co., Rutland, Vt.
Kantslip Co. (Steel & Wood), Freeport, Mich.
Kilbourne & Jacobs Mfg. Co., Columbus, Ohio
Lyon Metallic Mfg. Co. ("Lyon" Steel), Aurora, Ill.
McKinney Mfg. Co., N S. Pittsburgh, Pa.
Nutting Truck Co., Faribault, Minn.
Phillips, Doup & Co., 60 Pearl, Brooklyn, N. Y.
Plocher Andrew Sons Co. ("Gem" & Steel Timber or Contractors' Dolly), Dayton, Ohio
Standard, The, Scale & Supply Co. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa.
Western Wheelbarrow Mfg. Co., South Ft. Smith, Ark.
Zering H. Mfg. Co., Cincinnati, O.

16007-8— Trucks (Brick)

American Clay Machinery Co., S Walnut, Bucyrus, O.
Anderson Foundry & Mach. Works, Anderson, Ind.
Arnold-Creager Co., New London, O.
Atlas Car & Mfg. Co., Cleveland, O.
Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
Chase Foundry & Mfg. Co., 2700 Parsons av, Columbus, O.
See adv index at end of book
Easton Car & Construction Co., 15 Center sq, Easton, Pa.
See adv index at end of book
Fairbanks Co. (also Tile), 416 Broome, New York
For branch houses see Alphabetical Section
Fernholtz Brick Machinery Co., Boyle & Vandeventer av, St. Louis, Mo.
International Clay Machy. Co., Dayton, O.
Kilbourne & Jacobs Mfg. Co., Columbus, Ohio
Nutting Truck Co., Faribault, Minn.
Potts C. & A. & Co., Indianapolis, Ind.
Steele J. C. & Sons, Statesville, N. C.
Wellington Machine Co., Wellington, O.
Western Wheelbarrow Mfg. Co., South Ft. Smith, Ark.

16009— Trucks (Canvas)

Lane W. T. & Bro. (Canvas with Steel Frame), Poughkeepsie, N. Y.

16010—Trucks (Car, Steam & Electric)

American Steel Foundries (Steam), Commercial McCormick bldg, Chicago, Ill.
Atlas Car & Mfg. Co., Cleveland, O.
Baldwin Locomotive Works (Steam & Electric), 500 N Broad, Phila., Pa.
Baltimore Car-Wheel Co. ("Lord Baltimore"), Fulton Station, Baltimore, Md.
Barney & Smith Car Co., Dayton, O.
Bemis Car Truck Co., Springfield, Mass.
Bettendorf Co. (All Steel for Steam Roads Only), Bettendorf, Ia.
Bloomsburg Car Mfg. Co., Bloomsburg, Pa.
Brill J. G. Co. ("Perfect," "Universal," "Ideal," "Eureka"), 62d & Woodland av, Phila., Pa.
Cincinnati Car Co., Spring Grove & Mitchell av, Cincinnati, O.
Commonwealth Steel Co. (Cast Steel, Four or Six-Wheel Truck Frame In One Piece), Pierce bldg, St. Louis, Mo.
Elect. Auto Sales Corp., Central Park W & 62nd, New York
Kuhlman G. C. Car Co., Adams av & L. S. & M. S. Ry., Cleveland, O.
Laconia Car Co. (Electric), 60 Congress, Boston, Mass. Works: Laconia, N. H.
Long E. G. Co. ("Peckham," "Diamond"), 50 Church, New York
McGuire-Cummings Mfg. Co. ("Columbia," Electric, etc), Harris Trust & Savings bldg, Chicago, Ill.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Standard Car Truck Co. ("Barber" Roller-Bearing Passenger, Electric & Freight Car, Locomotive Tender, etc), 332 S Mich. av, Chicago, Ill.
Standard Motor Truck Co., Frick bldg, Pittsburgh, Pa.
Standard Steel Car Co. (Steel Frames & Underframes for Wooden Cars), A. V. R. R., Pittsburgh, Pa.
Taylor Electric Truck Co. ("Empire State"), Troy, N. Y.
Turl Iron & Car Co. (Inc.) The, 50 Broad, New York. Works: Newburgh, N. Y.
Valley Forging Co., Verona, Pa.
Wason Mfg. Co., Springfield, Mass.
Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

16011—*Trucks (Concrete Mixer)

ELECTRIC WHEEL CO., Station D, Quincy, Ill. *See adv index at end of book*

16012—*Trucks (Core Oven)

Easton Car & Construction Co., 15 Center sq, Easton, Pa.
See adv index at end of book
Republic Structural Iron Wks. Co., 1350 E 53rd, Cleveland, O.

16013— Trucks (Dolly)

Sterling Wheelbarrow Co. ("Sterling"), Milwaukee, Wis.

16014— Trucks (Dry Goods)

See Trucks, Store, Warehouse & Factory

16015— Trucks (Dry Kiln)

American Blower Co., 1400 Russell, Detroit, Mich.
Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Atlas Engineering Co., Amherst, O.
Easton Car & Construction Co., 15 Center sq, Easton, Pa.
See adv index at end of book
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Glascock Stove & Mfg. Co. (Steel Frame, Roller Bearing), Greensboro, N. C.
Lansing Co., Lansing, Mich.
Michigan Truck & Lumber Co. ("Michigan"), Holly, Mich.
North Coast Dry Kiln Co., Seattle, Wash.
Nutting Truck Co., Fairbault, Minn.
STURTEVANT B. F. CO., ("Sturtevant") 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
Union Iron Works Co., Selma, Ala.
Western Wheelbarrow Mfg. Co., South Fort Smith, Ark.
Youngstown Steel Car Co., Youngstown, O.

16015a—*Trucks (Drying)

Clark Geo. P. Co., Windsor Locks, Conn.

16016—Trucks (Dye House)

Clark Geo. P. Co., Windsor Locks, Conn.
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Zering H. Mfg. Co., Cincinnati, O.

16016a— *Trucks (Electric, Storage Battery)

Lakewood Engineering Co.
See adv index at end of book

LAKEWOOD BUILT TO LAST The LAKEWOOD ENGINEERING Co. CLEVELAND, OHIO, U.S.A.

16017— Trucks (Elevating)

Barrett-Cravens Co., 608 Dearborn, Chicago, Ill.

CAMERON ENGINEERING CO., East Stroudsburg, Pa.
See adv index at end of book
CHASE FOUNDRY & MFG. CO., ("Chase") 2700 Parsons av, Columbus, O.
See adv index at end of book
Clark Geo. P. Co., ("Clark") Windsor Locks, Conn.
Columbus Lift Truck Co., Columbus, O.
FAIRBANKS CO., 416 Broome, New York
For branch houses see Alphabetical Section
National Scale Co. ("National Chapman"), 11 Hendricks, Chicopee Falls, Mass.
New Jersey Foundry & Machine Co. ("Delta"), 89 West, New York
Plimpton Elevating Truck, 70 5th av, New York
Stuebing Truck Co., Cincinnati, O.
Transmission Ball Bearing Co., 1056 Military rd, Buffalo, N. Y.

16017a— *Trucks (Factory)

See also Trucks (Store, Warehouse & Factory)

Lakewood Engng. Co., Cleveland, O.
See adv index at end of book

16018— Trucks (Farm)

Abingdon Wagon Co. ("Abingdon," "Superior," "Model," "Commonwealth," "Sturdy"), Abingdon, Ill.
Appleton Mfg. Co. ("Appleton" Metal Wheel, Batavia, Ill.
Clark J. L. Carriage Co., Oshkosh, Wis.
Dakota Plow & Wagon Co., Sioux Falls, S. D.
Deere John Wagon Works, Moline, Ill.
ELECTRIC WHEEL CO., Station D, Quincy, Ill. *See adv index at end of book*
Elwell-Parker Electric Co., Cleveland, O.
Emerson-Brantingham Co. ("Sandow," "Newton"), Rockford, Ill.
Empire Mfg. Co., Quincy, Ill.
Equipment Mfg. Co., Leader News bldg, Cleveland, O.
Fort Smith Wagon Co., Fort Smith, Ark.
Francis Chas. E. Co., Rushville, Ind.
Gannett Electrical Co., 55 Pine, Providence, R. I.
Gillette Roller Bearing Co., Grand Rapids, Mich.
Havana Metal Wheel Co., Havana, Ill.
Howe Chain Co., Muskegon, Mich.
International Harvester Company of America. (Inc.), Harvester bldg, Chicago, Ill.
Kaysee Co., 519 W Monroe, Chicago. Ill.
Keller Mfg. Co., 1825 N E Quincy, Minneapolis, Minn.
King & Hamilton Co., Ottawa, Ill.
Lewis-Sheppard Co., 260-280 Dover, Boston, Mass.
Little J. R. Metal Wheel Co., Quincy, Ill.
Michigan Mfg. & Lumber Co., Holly, Mich.
Milburn Wagon Co., Toledo, O.
Northwestern Motor Co., 759 Spring, Eau Claire, Wis.
Pekin Wagon Co., Pekin, Ill.
Peru Plow & Wheel Co., Peru, Ill.
Steel Truck Co., Howell, Mich.
Stickney Chas. A. Co. (Portable, Hand & Horse Drawn), Fillmore & Starkey, St. Paul, Minn.
Tapley Specialty Co., 47 W 34th, New York
Tiffin Wagon Co., Tiffin, O.
Turnbull Wagon Co. ("Dandy," "Best Yet"), Defiance, O.
Winona Wagon Co., Winona, Minn.

16019-20— Trucks (Feed)

James Mfg. Co. ("James"), Ft. Atkinson, Wis.
Libby C. A. Co., Oshkosh, Wis.

Trucks (Fibre)

See Trucks, Mill

16021— Trucks (Foundry)

ASH HANDLING EQUIPMENT

HAND AND TRAILER TRUCKS

SINGLE LINE GRAB BUCKETS

ABELL-HOWE COMPANY
322 South Michigan Avenue
CHICAGO, ILL.

Abell-Howe Co., 322 S Michigan av, Chicago, Ill. *See adv index at end of book*
Atlas Car & Mfg. Co., Cleveland, O.
Atlas Engineering Co., Amherst, O.
See adv index at end of book
Buda Co., Railway Exch. bldg, Chicago, Ill.
Chase Foundry & Mfg. Co., 2700 Parsons av, Columbus, O.
See adv index at end of book
Clark Geo. P. Co., ("Clark") Windsor Locks, Conn.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Easton Car & Construction Co., 15 Center sq, Easton, Pa.
See adv index at end of book
ELECTRIC WHEEL CO., Station D, Quincy, Ill. *See adv index at end of book*
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
HUNT C. W. CO., West New Brighton, N. Y. *See adv index at end of book*
Lyon Metallic Mfg. Co. ("Lyon" Steel), Aurora, Ill.
NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book
Phillips, Doup & Co., 60 Pearl, Brooklyn, N. Y.
Russel Wheel & Foundry Co., Detroit, Mich.
Sheffield Car Co., Three Rivers, Mich.
Standard, The, Scale & Supply Co., 1631 Liberty av, Pittsburgh, Pa.
Sterling Wheelbarrow Co. ("Sterling" Foundry & Pig Iron), Milwaukee, Wis.
Western Wheelbarrow Mfg Co., South Fort Smith, Ark.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.
Youngstown Steel Car Co., Youngstown, O.

16021a— *Trucks (Foundry Box)

Lakewood Engineering Co., Cleveland, O.

Trucks (Freight)

See Wagons, Freight, Teaming, etc.

16022— Trucks (Galvanized Iron Tank)

Armstrong Truck Co., North Wales, Pa.

16022a—Trucks (Gasoline Engine)

ELECTRIC WHEEL CO. ("Electric" Steel), Station D, Quincy, Ill.
See adv index at end of book
Empire Mfg. Co., Quincy, Ill.
Little J. R. Metal Wheel Co. (Steel Trucks), Quincy, Ill.
Milwaukee Locomotive Mfg. Co. (Industrial), ft. Belleview pl, Milwaukee, Wis.
Peru Plow & Wheel Co., Peru, Ill.
Wagner Mfg. Co. ("Wagner," 1 to 2½ H. P.), Cedar Falls, Ia.

Trucks (Gasoline Motor)

For Complete List of Gasoline Motor Trucks see Automobile Builders and Consult References Under That Head

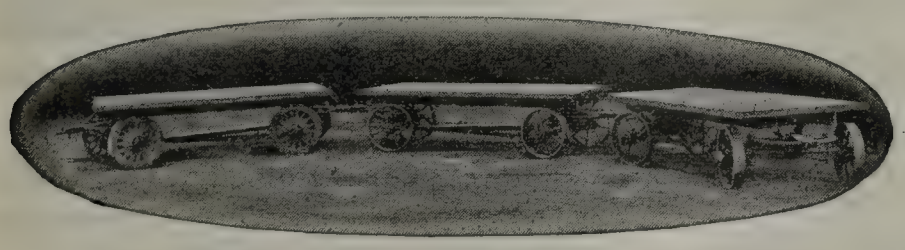
16023— *Trucks (Hand)

Lakewood Engineering Co.
See adv index at end of book

LAKEWOOD BUILT TO LAST The LAKEWOOD ENGINEERING Co. CLEVELAND. OHIO. U.S.A

16023a— Trucks (Two Wheel, etc.)

FAIRBANKS CO., 416 Broome, New York
For branch houses see Alphabetical Section



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PORTABLE MACHINERY MOUNTINGS

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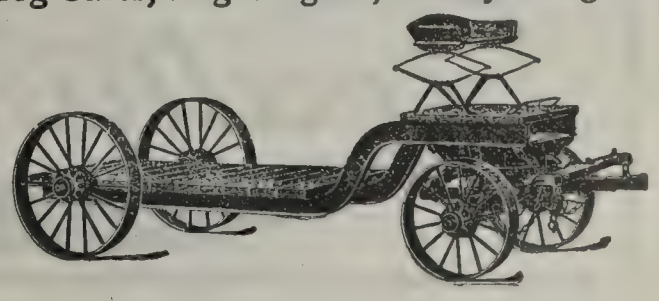
Trucks for mounting all kinds of special machinery, Engines, Mixers, Boilers, Crushers, Compressors, etc., designed and built to suit individual requirements. Trailers for use with Industrial Motor Trucks in factories, warehouses, railway terminals, etc. Also complete line of Farm and Handy Wagons, Contractors' Dump Carts, Log Carts, Log Wagons, Heavy Freighting Cars for team or traction power, Warehouse and Factory Trucks and Wood and Steel Axles. GASOLINE TRACTION ENGINE for plowing, hauling and threshing.



ELECTRIC WHEEL COMPANY
Station D QUINCY, ILL., U. S. A.

16024—Trucks (Hook & Ladder)

American-La France Fire Engine Co. (Extension, etc), Elmira, N. Y.
Anderson Coupling & Fire Supply Co., Kansas City, Kans.
Howe Engine Co., Indianapolis, Ind.
Northern Fire Apparatus Co., 2422 Union av, S. E., Minneapolis, Minn.
Perkins C. N. Co., Lawrence, Mass.
Pirsch, Peter & Co., Kenosha, Wis.
Portland Extension Ladder Co., 130 Orange, Newark, N. J.
Prospect Mfg. Co., Prospect, O.
Seagrave Co., Columbus, O.
South Bend Motor Car Works, South Bend, Ind.
Stewart A. F., Rochester, N. Y.

16025— Trucks (Ice)

Clark Geo. P. Co., ("Clark") Windsor Locks, Conn.
Columbus Iron Works (Combined Portable Hand Hoist & Truck), Columbus, Ga.
Triumph Ice Machine Co. (Combined Portable Hand Hoist & Truck), Oakley, Cincinnati, O.

16025a— *Trucks (Industrial)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

16026— Trucks (Ingot)

See also Trucks, Rolling Mill

Easton Car & Construction Co., 1 Center sq, Easton, Pa.
See adv index at end of book
NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book
Weimer Machine Works Co., Lebanon, Pa.
Youngstown Steel Car Co., Youngstown, Ohio.

16027— Trucks (Laundry)

Armstrong Truck Co. (Canvas or Wood) North Wales, Pa.
Butler Basket Co. (Slab Bamboo), Butler, Ind.
Clark Geo. P. Co. ("Clark") Windsor Locks, Conn.
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
National Fibre & Insulation Co., Yorklyn, Del.

16027a— Trucks (Library)

Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section

16028—Trucks (Logging & Lumber)

American Sawmill Machinery Co. (Lumber), Hackettstown, N. J.
Archer Iron Works, 2436 W 34th pl, Chicago, Ill.
Atkins E. C. & Co., Indianapolis, Ind.
Atlas Car & Mfg. Co. Cleveland, O.
Atlas Engineering Co., Amherst, O.
Bain Wagon Co., Kenosha, Wis., Cleveland, O.
Chase Foundry & Mfg. Co., 2700 Parsons av, Columbus, O.
See adv index at end of book
Chickasaw Mach. & Fdry. Co., Memphis Tenn.
Clark Geo. P. Co., Windsor Locks, Conn.
Easton Car & Construction Co., 15 Center sq, Easton, Pa.
See adv index at end of book
ELECTRIC WHEEL CO. ("Electric"), Station D, Quincy, Ill.
See adv index at end of book
Empire Mfg. Co., Quincy, Ill.
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Ft. Smith Wagon Co. (Also Teaming), Ft. Smith, Ark.
Glascock Stove & Mfg. Co. (Lumber), Greensboro, N. C.
HUNT C. W. CO., West New Brighton, N. Y. *See adv index at end of book*
Huntsville Fdry. & Mach. Co., Huntsville, Ala.
International Harvester Company of America. (Inc.), Harvester bldg, Chicago, Ill.
Kanawha Mine Car Co., Charleston, W. Va.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Kramer Wagon Co., Oil City, Pa.
Lane Mfg. Co., Montpelier, Vt.
Lansing Wagon Works, Lansing, Mich.
Luedinghaus-Espenschier Wagon Co., 1717 N. B'way, St. Louis, Mo.
Lyon Iron Works, Greene, N. Y.
Michigan Truck & Lumber Co. (Roller Bearing Yard Truck), Holly, Mich.
Milburn Wagon Co., Toledo, O.
Mount Vernon Car Mfg. Co., Mount Vernon, Ill.
North Coast Dry Kiln Co., Seattle, Wash.
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Ransome-Leach Co., 115 B'way, New York
Pekin Wagon Co., Pekin, Ill.
Russel Wheel & Foundry Co., Detroit, Mich.
Sanford-Day Iron Works, Knoxville, Tenn.
Southern Engine & Boiler Works, Jackson, Tenn.
Standard Saw Mill Machinery Co., Erie, Pa.
Strait H. N. Mfg. Co., Kansas City, Mo.
Streich A. & Bro. Co., Oshkosh, Wis.
Towsley John T. Mfg. Co. (Lumber), Cincinnati, O.
Western Wheelbarrow Mfg. Co., South Fort Smith, Ark.

16029— Trucks (Mill)

American Vulcanized Fibre Co. ("Laminar" Dept.), 504 Equitable bldg, Wilmington, Del.
Burlington Basket Co. (Rattan & Splint), Burlington, Ia.
Chase Foundry & Mfg. Co., 2700 Parsons av, Columbus, O.
See adv index at end of book
Clark Geo. P. Co. ("Clark") Windsor Locks, Conn.
Columbus Truck & Supply Mfg. Co. (Doffing & Roving), Columbus, Ga.
DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*
Diamond State Fibre Co. (Hard Fibre), Elsmere, Del.
Easton Car & Construction Co., 15 Center sq, Easton, Pa.
See adv index at end of book
FAIRBANKS CO., 416 Broome, New York
For branch houses see Alphabetical Section
Morris & Co., Groveville, N. J.
National Fibre & Insulation Co., Yorklyn, Del.
ROGERS FIBRE CO. (Leatheroid Mfg. Co.), ("Leatheroid"), 121 Beach, Boston, Mass. *See adv index at end of book*
Spaulding J. & Sons Co. (Fibre), North Rochester, N. H.
See adv index at end of book
Standard Fibre Co. (Fibre), Miller, Somerville, Mass.
Wilson Andrew Co., 616 Essex, Lawrence, Mass. *See adv index at end of book*

16030— Trucks (Motor)

See also Automobile Builders

Acklin Stamping Co., 1659 Dorr, Toledo, O.
See adv index at end of book
Acme Motor Truck Co., Cadillac, Mich.
American Machine Co., Newark, Del.
Bowling Green Motor Truck Co., Bowling Green, O.
CHICAGO PNEUMATIC TOOL CO. ("Little Giant"), Fisher bldg, Chicago, Ill.
See adv index at end of book
Fulton Motor Truck Co., Farmingdale, Long Island, N. Y.
Hubbell-Oakes Motor Co., Atlanta, Ga.
Hulburt Motor Trucks Co., 2421 3d av, New York
International Harvester Company of America (Inc.), (International Motor Trucks), Harvester bldg, Chicago, Ill.
See adv index at end of book
International Motor Co. ("Mack," "Saurer" & "Hewitt," from 1500 lbs. to 10 tons' capacity), 252 W 64th, New York
Karry Lode Industrial Trucks Co., 100 Mott av, New York
Muskegon Engine Co., Muskegon, Mich.
Parsons Specialty & Machine Works (Ammunition Trucks), 2427 N 4th, Phila., Pa.
Redden Motor Trucks Co., Inc., Chicago, Ill.
Saurer Motor Co., 252 W 64th, New York
Smith Motor Trucks Co., 1603 Michigan av, Chicago, Ill.

16031— Trucks (Moving)

Electric Wheel Co. (House), Station D, Quincy, Ill. *See adv index at end of book*
Grover File Co. (A Combination of Independent Rolls & Crowbars for Moving Heavy & Bulky Bodies), Nashua, N. H.
La Plant-Choate Mfg. Co., Cedar Rapids, Iowa

16032— Trucks (Packers')

Armstrong Truck Co., North Wales, Pa.
Baltimore Cooperage Co., The (For Butchers' & Packers'), cor Hanover & Creek, Baltimore, Md.
Brecht Co., 1201 Cass av, St. Louis, Mo.
Clark Geo. P. Co. ("Clark") Windsor Locks, Conn.
Defiance Box Co., Defiance, O.
Fairbanks Co. (For Packing Houses), 416 Broome, New York
For branch houses see Alphabetical Section
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Rome Scale & Mfg. Co., Rome, Ga.
Standard Scale & Supply Co. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa.
Sterling Wheelbarrow Co. ("Sterling" Sanitary), Milwaukee, Wis.
Western Wheelbarrow Mfg. Co., South Fort Smith, Ark.
Zering H. Mfg. Co., Cincinnati, O.

16033—Trucks (Paper Mill)

Armstrong Truck Co., North Wales, Pa.
Chase Foundry & Mfg. Co., 2700 Parsons av, Columbus, O.
See adv index at end of book
Clark Geo. P. Co. ("Clark") Windsor Locks, Conn.
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Kantslip Co. (Steel & Wood), Freeport, Mich.
Stuebing Truck Co., 308 Walnut, Cincinnati, O.

16033a—Trucks (Patent Leather)

Hamblet & Hayes Co. ("H. & H."), 284 Devonshire, Boston, Mass.

Leatheroid
FIBRE TRUCKS, BOXES BARRELS, BASKETS, ETC.
ROGERS FIBRE COMPANY
(Leatheroid Division)
121 Beach St., BOSTON, MASS. 43 W. 16th St., NEW YORK
1024 Filbert St., PHILADELPHIA, PA,

Patented

EDWARDS FORGED STEEL TRUCKS

These are the trucks that the United States Government ordered—150 of them—for use in Pamana. And if ever any job called for hard, gruelling work, day in and day out, it surely was here.

Edwards Forged Steel Trucks are the culmination of thirty years' practical experience in working Iron and Steel. They defy destruction. They are strongest where old style wood frame trucks are weakest. Their principle of construction and leverage is quite different from that of the old style trucks.

A big advantage is found in their greater load capacity—their wonderful ease of operation—their surprising endurance and low upkeep cost.

One continuous piece "U" shaped frame supports the wheels in the most substantial and durable manner. The upper part of the continuous "U" frame gives perfect rigidity and strength. It will stand jolts and strains such as no mortised woodwork or other means of stiffening could possibly undergo.

They seem to have first call where heavy freight is handled by railroads, steamship lines, warehouses, machine shops, packing houses—and wherever else heavy duty is the order of the day.

Write for Descriptive Steel "TRUCK" Booklet "H" and Prices

THE EDWARDS MANUFACTURING CO.

545-565 Eggleston Ave., Cincinnati, Ohio

The World's Largest Manufacturers of Metal Roofing, Metal Shingles, Metal Spanish Tile, Metal Ceilings, Metal Garages, Portable Buildings, Steel Lockers and Shelving, Steel Trucks, Rolling Steel Doors, Shutters, Partitions, etc.

16034— Trucks (Pipe)

Easton Car & Construction Co., 15 Center sq, Easton, Pa.
See adv index at end of book
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
HUNT C. W. CO., West New Brighton, N. Y. *See adv index at end of book*
Phillips, Doup & Co., 60 Pearl, Brooklyn, N. Y.
Western Wheelbarrow Mfg. Co., South Ft. Smith, Ark.
Youngstown Steel Car Co., Youngstown, Ohio

16035—Trucks (Plate Glass)

Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
National Roll & Foundry Co. (Transfer), Avonmore, Pa.
Western Wheelbarrow Mfg. Co., South Ft. Smith, Ark.

16036— Trucks (Platform)

Chase Foundry & Mfg. Co., 2700 Parsons av, Columbus, O.
See adv index at end of book
Clark G. P. Co., Windsor Locks, Conn.
Easton Car & Construction Co., 15 Center sq, Easton, Pa.
See adv index at end of book
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
FAIRBANKS CO., 416 Broome, New York
For branch houses see Alphabetical Section

LAKEWOOD BUILT TO LAST — The LAKEWOOD ENGINEERING Co. CLEVELAND. OHIO. U.S.A.

Pressed Steel Truck Co. ("Atlas"), 844 Penna. av, Pittsburgh, Pa.
Rome Scale & Mfg. Co., Rome, Ga.
Standard Improved Truck Co., 20 W Jackson blvd, Chicago, Ill.
Victor Truck Co. ("Victor" Platform Hand Trucks; Plain, Roller & Ball Bearing Wheels), Johnsonburg, Pa.

16036a— *Trucks (Portable)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

16037——Trucks (Printers' Form)

Armstrong Truck Co., North Wales, Pa.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Western Wheelbarrow Mfg. Co., South Ft. Smith, Ark.

16038—Trucks (Publishers' Packing)

Armstrong Truck Co., North Wales, Pa.

16039— Trucks (Radiator)

Buell Bros., Fulton, N. Y.
Lansing Co. ("Reynolds"), Lansing, Mich.
Jamestown Car Parts Mfg. Co. ("Jamestown"), Jamestown, N. Y.
U. S. Radiator Corp. ("Capitol"), Broadway & Grand River, Detroit, Mich.

16040—Trucks (Roll Paper)

CHASE FOUNDRY & MFG. CO., 2700 Parsons av, Columbus, O.
See adv index at end of book
Clark Geo. P. Co., Windsor Locks, Conn.
Illinois Iron & Bolt Co. ("Hercules" All Steel), Carpentersville, Ill.
Western Wheelbarrow Mfg. Co., South Ft. Smith, Ark.

16041—Trucks (Rolling Mill)

See also Trucks, Foundry

Atlas Car & Mfg. Co., Cleveland, O.
CHASE FOUNDRY & MFG. CO., 2700 Parsons av, Columbus, O.
See adv index at end of book
Easton Car & Construction Co., 15 Center sq, Easton, Pa.
See adv index at end of book
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Hockensmith Wheel & Mine Car Co. (Angle Bar), Penn Station, Pa.
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Ladel Mfg. Co. ("Ladel"), New Philadelphia, O.
Lansing Co., Lansing, Mich.
Morgan Construction Co., Worcester, Mass.
NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book
Phillips, Doup & Co., 60 Pearl, Brooklyn, N. Y.
Weimer Machine Works Co. ("Weimer"), Lebanon, Pa.
Western Wheelbarrow Mfg. Co., South Ft. Smith, Ark.

16042— Trucks (Scoop)

Detroit Scoop Truck Co. (For Handling Sand, Coal & Broken Stone), 2225 Jefferson av, W Detroit, Mich.
Lansing Co. ("Climax"), Lansing, Mich.

Trucks (Sheet Iron)

See Trucks, Rolling Mill

16043-4— Trucks (Slag)

Traylor Engineering & Mfg. Co. (Elliptical Bowl), Allentown, Pa.
Youngstown Steel Car Co., Youngstown, O.

16045-6—Trucks (Steel, Factory, Etc.)

Angle Steel Stool Co., Otsego, Mich.
Bernstein Mfg. Co., 3d & Westmoreland av, Phila., Pa.
CAMERON ENGINEERING CO., East Stroudsburg, Pa.
See adv index at end of book
Clark Geo. P. Co., ("Clark") Windsor Locks, Conn.
Cleveland Wire Spring Co. (Barrel), Cleveland, O.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Easton Car & Construction Co., 15 Center sq, Easton, Pa.
Pa. *See adv index at end of book*
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
ELECTRIC WHEEL CO., Station D, Quincy, Ill. *See adv index at end of book*
Globe Vise & Truck Co., Grand Rapids, Mich.
Illinois Iron & Bolt Co. ("Hercules" All Steel for Railroad, Mill, etc), Carpentersville, Ill.
Library Bureau (Office), 43 Federal, Boston, Mass.
New Britain Machine Co. ("New Britain," 2 & 3 Tray), 190 Chestnut, New Britain, Conn.
Ohio Galvanizing & Mfg. Co., Niles, O.
Van Dorn Iron Works Co. (Steel Drying & **Bread Trucks), 2700 E 79th, Cleve**land, O.
Western Wheelbarrow Mfg. Co., South Ft. Smith, Ark.

Trucks (Steel, Gasoline Engine)

See Trucks, Gasoline Engine

16047-8— Trucks (Storage Battery)

Anderson Electric Car Co., Milwaukee Jct., Detroit, Mich.
Atlantic Elec. Vehicle Co., 893 Frelinghuysen av, Newark, N. J.
Atlas Car & Mfg. Co. (Warehouse, Baggage & Factory), Cleveland, O.
Automatic Transportation Co., 2933 Main, Buffalo, N. Y.
Bailey & Co., Amesbury, Mass.
Baker R. & L. Co., ft of W 80th, Cleveland, O.
Beaver Motor Truck Co., Portland, Ore.
Buda Co., Railway Exch. bldg, Chicago, Ill.
Century Mfg. Co., 11 Ferry av, W., Detroit, Mich.
Champion Wagon Co., Oswego, N. Y.
Chase Motor Truck Co., Syracuse, N. Y.
Commercial Truck Co. of Am., 27th & Brown, Phila., Pa.
Couple-Gear Freight Wheel Co., Grand Rapids, Mich.
Cowan Truck Co., Dorchester, Mass.
Dayton Elec. Car Co., Dayton, O.
Elwell-Parker Electric Co., Cleveland, O.
Fritchie Auto & Bat. Co., Denver, Colo.
Galion Dynamic Motor Truck Co., Galion, Ohio
Gen. Motors Truck Co., Pontiac, Mich.
General Vehicle Co., Long Island City, N. Y.
Grinnell Elec. Car Co., 467 Wood av, Detroit, Mich.
Healey & Co., 1658 B'way, New York
Hoagland-Thayer Inc., 300 Washington, Newark, N. J.

TRUCKS (STORAGE BATTERY) continued

HUNT C. W. CO., West New Brighton, N. Y. *See adv index at end of book*

HUNT STORAGE BATTERY INDUSTRIAL TRUCK

Designed to take the place of hand trucks in manufacturing establishments, railroad terminals, steamship piers, etc. The truck is easily operated by one man—is rugged, simple in design and reliable.

Ask for catalog Z-16-1. Tell us your trucking problem and let us help you solve it.

C. W. HUNT CO., *Inc.*

West New Brighton, N. Y., U. S. A.

See adv. index & branch offices end of book

Ky. Wagon Mfg. Co., 3d & K, Louisville, Ky.
Lakewood Engineering Co. (Platform), Cleveland, O.
See adv index at end of book
Lansden Co., 2211 Nostrand av, Brooklyn, N. Y.
Lansing Co., Lansing, Mich.
Mercury Mfg. Co. 4118 S Halstead, Chicago, Ill.
Milburn Wagon Co., 2 Summit & Elm, Toledo, O.
Moore Sam'l L. & Sons Corp., Elizabeth, N. J.
Ohio Electric Car Co., Auburn & W Bancroft, Toledo, O.
R. C. H. Corp., 33 Woodbridge, E., Detroit, Mich.
Sprague Elec. Works, 527 W 34th, New York
Stetson-Ross Mach. Wks., Seattle, Wash.
Stott E. B. & Co., 461 8th av, New York
Walker Vehicle Co., W 39th & Wallace, Chicago, Ill.
Ward Motor Vehicle Co., Mt. Vernon, N. Y.
Waverly Building, 18½ N Meridian, Indianapolis, Ind.
Woods Motor Vehicle Co., 2500 Cottage Grove av, Chicago, Ill.

16049—Trucks (Store, Warehouse & Factory)

Aermotor Co., 1146 S Campbell av, Chicago, Ill.
Armstrong Truck Co., North Wales, Pa.
Ashboro Wheelbarrow Co., Ashboro, N. C.
Atlas Car & Mfg. Co., Cleveland, O.
Atlas Engineering Co., Amherst, O.
See adv index at end of book
Baltimore Cooperage Co., The, cor Hanover & Creek, Baltimore, Md.
Belcher & Taylor Agl. Tool Co., Chicopee Falls, Mass.
Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.
Brown Truck Mfg. Co., Ralston, Neb.
Bryan Mfg. Co., P. O. Box D, Bryan, O.
Buda Co., Ry. Exch. bldg, Chicago, Ill.
Chaffee Bros. Co., Oxford, Mass.
Chase Foundry & Mfg. Co., 2700 Parsons av, Columbus, O.
See adv index at end of book
Chattanooga Car & Foundry Co., Chattanooga, Tenn.
Chattanooga Wheelbarrow Co. (Grocery 4 Wheel), Chattanooga, Tenn.
Clark Geo. P. Co., Windsor Locks, Conn.
Columbian Mail Crane Co. ("Columbian" Steel), Columbus, O.
Cummings Josiah & Son, ("Hub" Fibre), 657 Atlantic av, Boston, Mass.
Defiance Box Co., Defiance, O.
Dexter Metal Mfg. Co., (Steel) 93 Arch, Camden, N. J.
Diamond Machine Co., ("Diamond" Factory) 3rd & Vine, Cincinnati, O.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Farquhar A. B. Co. (Ltd.), York, Pa.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
FAIRBANKS CO., 416 Broome, New York
For branch houses see Alphabetical Section
Fox Z. F. & Son ("Fox"), Freeport, Mich.
Glascock Stove & Mfg. Co., Greensboro, N. C.
Globe Vise & Truck Co., Grand Rapids, Mich.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Grand Rapids Hand Screw Co., Grand Rapids,, Mich.
Grote F. Mfg. Co. (Tobacco Factories), Evansville, Ind.
Howe Scale Co., Rutland, Vt.
Home Scale Co. of N. Y., 341 B'way, New York
Illinois Iron & Bolt Co. ("Hercules" All Steel), Carpentersville, Ill.
Johnson & Hibbard, Westfield, Mass.
Kantslip Co., Freeport, Mich.
Kelly-Derby Co., Peoples' Gas bldg, Chicago, Ill.
Kilbourne & Jacobs Mfg. Co., Columbus, Ohio
Ladel Mfg. Co. ("Ladel"), New Phila., O.

LAKEWOOD BUILT TO LAST — The LAKEWOOD ENGINEERING Co. CLEVELAND, OHIO. U.S.A.

LAKEWOOD ENGINEERING CO., Cleveland, O. *See adv index at end of book*
Lansing Co. ("Reynold's Improved"), Lansing, Mich.
Leatheroid Mfg. Co., 121 Beach, Boston, Mass.
Lyon Metallic Mfg. Co. ("Lyon" Steel), Aurora, Ill.
Menasha Wood Split Pulley Co. ("Lawson"), Menasha, Wis.
Merrimac Foundry & Machine Co., Lawrence, Mass.
Messinger Mfg. Co., Tatamy, Pa.
Michigan Truck & Lumber Co., Holly, Mich.
National Fibre & Insulation Co., Yorklyn, Del.
Norwich Wire Works, Norwich, N. Y.
Nutting Truck Co., Fairbault, Minn.
Oliver Machinery Co., Grand Rapids, Mich.
Packer Thos. ("Bristol's"), Union City, Conn.
Peck C. A. Hardware Co. (Automatic), Berlin, Wis.
Phillips, Doup & Co. ("National"), 60 Pearl, Brooklyn, N. Y.
Puffer-Hubbard Mfg. Co., 32nd av, S & 26th, Minneapolis, Minn.
Rome Scale & Mfg. Co. ("Daisy"), Rome, Ga.
Rowe Henry Mfg. Co., Newaygo, Mich.
St. Louis Truck & Mfg. Co., 3200 N. Hall, St. Louis, Mo.
Schriver O. P. & Co. ("I. X. L."), 621 E Pearl, Cincinnati, O.
Southern Plow Co. ("Handy"), Columbus, Ga.
Standard Improved Truck Co., 20 W Jackson blvd, Chicago, Ill.
Standard Scale & Supply Co. ("The Standard" Pressed Steel), 1631 Liberty av, Pittsburgh, Pa.
Sterling Wheelbarrow Co., Milwaukee, Wis.
Streich A. & Bro. Co., Oshkosh, Wis.
Swift Mfg. Co., Waterloo, Ia.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Tanner D. F., Holland, N. Y.
Towsley John T. Mfg. Co., Cincinnati, O.
Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
Westbrook Elevator Co., Danville, Va.
Western Wheelbarrow Mfg. Co., South Fort Smith, Ark.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.
Zering H. Mfg. Co. (Packing House, Macaroni & Shoe Factory), Cincinnati, O.

16050— Trucks (Stove)

Arcade Mfg. Co. ("Baltzy" Steel, "Standard" Adjustable & "Perfect" Steel), Freeport, Ill.
Chicago Hardware Foundry Co. ("Harper Handy"), 546 W Washington, N Chicago, Ill.
Clark George P. Co., Windsor Locks, Conn.
Hill C. V. & Co., Trenton, N. J.
Howes S. M. Co., 42 Union, Boston, Mass.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Kramer Bros. Foundry Co., Dayton, O.
Mersick C. S. & Co., New Haven, Conn.
Tucker & Dorsey Mfg. Co. ("Daisy"), Indianapolis, Ind.
Universal Caster & Foundry Co. ("Universal" Ball Bearing), 574 Ferry, Newark, N. J. See The Bassick Co., Bridgeport, Conn.
Western Wheelborraw Mfg. Co., South Fort Smith, Ark.
Whitehurst R. W. Mfg. Corp., Norfolk, Va.

16051— *Trucks (Tote Box)

Ohio Mfg. Co., P. O. Box 358, Painesville, Ohio *See adv index at end of book*

16051a—*Trucks (Tractor, Gasoline)

Knox Motors Co. ("Knox"), Springfield, Mass.

16051b— Trucks (Trailers, Automobiles)

Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section

16051c— Trucks (Trailer, Storage Battery)

Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section

16051d— *Trucks (Transfer)

Chase Foundry & Mfg. Co., 2700 Parsons av Columbus, O.
See adv index at end of book

Trucks (Transfer, Handle-Elevated)

See Trucks, Automatic Loading

16052— Trucks (Triangular)

Fairbanks Company, 416 Broome, New York
For branch houses see Alphabetical Section

16053-4—Trucks (Varnish Kettle)

Frelinger J. G. Iron Works, (Roller Bearing), 115 W 2nd, Cincinnati, O.
Littleford Bros., 444 E Pearl Cincinnati, O.
Quaker City Iron Works, Tioga & Edgemont, Phila., Pa.

Trucks (Warehouse)

See Trucks, Store, Factory & Warehouse

16055—Trucks (Wire Mill)

Atlas Car & Mfg. Co., Cleveland, O.
Atlas Engineering Co., Amherst, O.
See adv index at end of book
Bates Machine Co., Joliet, Ill.
Chase Foundry & Mfg. Co., 2700 Parsons av, Columbus, O.
See adv index at end of book
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Morgan Construction Co., Worcester, Mass.
Turner, Vaughn & Taylor Co., Cuyahoga Falls, O. *See adv index at end of book*
Western Wheelbarrow Mfg. Co., South Fort Smith, Ark.
Youngstown Steel Car Co., Youngstown, O.

Truers (Grindstone)

See Grindstone Truing Devices

16056— Trumpets (Fire)

Braxmar C. G. Co. (Dealers), 10 Maiden la, New York
Cairns & Bro., 186 Lafayette, New York
International Silver Co., Meriden, Conn.
Porter Co. (Also Ship & Deck), 241 Water. New York

16057— Trunk Mfrs.

See also Traveling Bags & Suit Cases

ALABAMA.

BIRMINGHAM—Birmingham Trunk Factory
Gilbert Trunk Factory

ARKANSAS.

LITTLE ROCK—Little Rock Trunk & Bag Co.
Waldenberger Harness & Trunk Co.

ARIZONA.

PHOENIX—Doster S. J.

CALIFORNIA.

LOS ANGELES—Burroughs-White Trunk Co.
Los Angeles Telescope Co.
Mission Trunk Factory.
SACRAMENTO—Longshore James
SAN DIEGO—San Diego Trunk & Bag Co.
SAN FRANCISCO—Hirschfelder & Meaney, 519 Market
Malm C. A. & Co., 2199 Folsom
Pacific Trunk & Bag Co., 533 Market

COLORADO.

DENVER—Dewar Bros. Trunk Mfg. Co.
Meek A. E. Trunk & Bag Co.
Shwayder Trunk Mfg. Co.
PUEBLO—Straub Trunk Co.

DELAWARE.

WILMINGTON—Delaware Hard Fibre Co.
See adv index at end of book

DISTRICT OF COLUMBIA.

WASHINGTON—Langlotz G. G. & Co.

FLORIDA.

JACKSONVILLE—Florida Trunk Mfg. Co.

GEORGIA.

ATLANTA—Ashford Trunk & Bag Co.
Footes Trunk & Bag Factory
AUGUSTA—Augusta Trunk Factory
SAVANNAH—Chatham Trunk Factory

ILLINOIS.

BLOOMINGTON—Ruh Geo. W.
CHICAGO—Abrams L. & Son, 1234 W Chicago av
American Trunk & Case Co., 29 S Wells
Becker P. & Co., 333 W Monroe
Dick J. H., 645 W. Madison
Fiberoid Trunk Works, 4621 B'way
Fitzgerald Trunk Co. (Sample, Sole Leather), 1214 Wells
Grube-Meyering Trunk Co., Fulton & Peoria
Hartmann Trunk Co., 626 S Michigan av
Haskell Bros. (Sample), 165 N Green
Kuntzendorf C. & Co., 160 W Van Buren
Lazar & Lazarus, 1230 S Jefferson
Lynch Wall Trunk Co., 213 W Austin
McNamara J. H. Trunk Co., 109 W Monroe
Schuessler Wm., 12 N Market
Stone Bros. & Co., 1501 Polk
Taylor C. A. Trunk Works, 28 E Randolph
Weick Martin Co., 1623 S Ashland av
Wilt Chas. T., 221 W Madison
DECATUR—Decatur Trunk Factory
PEORIA—Peoria Trunk Factory
QUINCY—Gem City Trunk Mfg. Co.

INDIANA.

EVANSVILLE—Evansville Trunk Co.
KOKOMO—Kokomo Trunk Co.
MISHAWAKA—National Veneer Products Co.

IOWA.

BURLINGTON—Jacoby J. H. & Co.
DUBUQUE—Enzler Jos. A.
SIOUX CITY—Anthony D. S.

KANSAS.

ATCHISON—Rose Trunk Co.
TOPEKA—Hossfeld Trunk, Bag & Suit Case Co.
WICHITA—Wichita Trunk Co.

KENTUCKY.

LOUISVILLE—Dufficy Thos. & Co.
Laub Bros.

LOUISIANA.

NEW ORLEANS—Crescent Trunk Co., (Ltd.), 311 Girod
Duffy Trunk Co. (Ltd.), 141 Baronne
Mack Trunk Co. (Ltd.), 157 Baronne
New Orleans Trunk & Bag Co., 414 Carondelit
SHREVEPORT—Kidd Russ Trunk & Bag Co.

MAINE.

BANGOR—Parkhurst J. F. & Son Co.
PORTLAND—Brackett J. L. & Co.

MARYLAND.

BALTIMORE—Gorman Chas. B., 329 N Howard
Gorman Chas. B., 329 N Howard
Jones & Schwarzkopf, 1332 Greenmount av
Pragel Geo. (Fibre Sample Trunks), 56 E Hill
Richards Trunk Mfg. Co., 200 W Mulberry
Tuerke Wm. A., 212 W Lexington

MASSACHUSETTS.

BOSTON—Bowker Bros. (Fibre Trunks & Cases), 11 Columbia
Cummings Josiah & Son (Rawhide Vulcanized Fibre), 657 Atlantic av
Cutter & Cutter, 26 Chauncy
Leatheroid Mfg. Co. (Sample), 121 Beach
New England Trunk Co., 125 Summer
Winship W. W., 71 Summer
LOWELL—Devine P. F.
WEST SOMERVILLE—Horton & Hubbard Mfg. Co.
Reed Edward E. Co.
WESTBORO—Westboro Trunk & Bag Co.
WESTFIELD—Crane Brothers (Limenoid)

MICHIGAN.

DETROIT—Kittle H. M. & Co., 197 Jefferson av
Maier Martin & Co., 102 Wood
Tuttle & Clark
Wedell & Boers, 157 Jefferson av
GRAND RAPIDS—Grand Rapids Trunk Co.
Groskopf Brothers
SAGINAW—Lieberman Trunk Co.
WYANDOTTE—Beals & Selkirk Trunk Co. (Leather)

MINNESOTA.

DULUTH—Duluth Trunk Co.
MINNEAPOLIS—Barnum Trunk Co., 804 Nicollet av
Deppe A. H. Co., 213 S 7th
Flour City Trunk Co., 115 2d av, S E
Lorenz Wm. Trunk Wks Inc., 212 Marquette av
Northwestern Trunk Co., 248 Nicollet av
ST. PAUL—Bisenius G. L. Trunk Co., 360 Jackson
Garland F. V. Co., 42 E 6th

MISSOURI.

KANSAS CITY—Books Trunk Co., 19 E 8th
Excelsior Trunk Co., 606 Delaware
Jenson Trunk Factory, 815 Wyandotte
Luce Trunk Factory, 1026 Maine
National Trunk Co., 110 W 9th
Nuss & Moore Trunk Co., 1408 Walnut
ST. JOSEPH—Heumader Chris, 1802 Water
ST. LOUIS—Horn T. L. Trunk Co., 1101 Washington
Murphy P. C. Trunk Co., 13th & Papin
Quirk James A. Trunk Co., 1228 Olive
St. Louis Basket & Box Co., Wharf & Penrose

NEBRASKA.

OMAHA—Eggerss-O'Flyng Co.
Freling & Steinle
Omaha Trunk Factory

NEW JERSEY.

HARRISON—Headley & Farmer Co. (Sole, Leather & Toy)
NEWARK—Bal Wm. Co., 7 Vesey
Goldsmith L. & Son (Wardrobe), Canal & Cherry
Headley & Farmer Co., (Wardrobe, Dress, Steamer, Bureau, Etc.)
Khin Trunk & Bag Co., 215 Bergen
National Trunk Co., 24 Morton
Rauchbach-Goldsmith Co., St. Francis & Komar
Steiger P. Trunk & Bag Co., 794 Broad
PATERSON—Wetzel John F., 52 Washington

NEW YORK.

BUFFALO — Bingham Trunk Co., 39 Mechanic
Buffalo Trunk Mfg. Co.
CORTLAND—Newton W. H. & Son
NEW YORK—Abramovitz & Schwartz, 195 Wooster
Ajax Trunk & Sample Case Co. (Suit Case Trunks, Sample Cases, etc), 150 W 18th
Bears B., 1048 3d av
Berg Auto Trunk & Spec. Co., 400 Lafayette
Berner & Freedman, 452 B'way
Casey Trunk Co., 224 W 35th
Crouch & Fitzgerald, 177 B'way (Sample, Sole Leather)
Fiberide Sample Trunk Co., 252 Lafayette
Fibre Sample Case & Trunk Co., 535 B'way
Fishbein Bros., 85 Mercer
Heaton & Vierling, 21 W 3d
Innovation Trunk Co., 3 Canal pl
Laks & Zucker, 386 W B'way
Leatheroid Mfg. Co., 45 W 16th
Lercher A., 435 Broome
Lissa Hy. & Co., 595 B'way
Manhattan Trunk Box Factory, 505 E 18th
Newark Trunk Co., 11 W 42d
Oichman S. Trunk Co., 29 Howard
Pinkosowitz Abraham, 113 Second
Standard Trunk Mfg. Co., 535 B'way
Taylor C. A. Trunk Works, 210 W 44th
United Automobile Trunk Co., 343 W 26th
Wellen M. & Son, 83 Wooster
PATCHOGUE—Patchogue Trunk Works
ROCHESTER—Likly Henry & Co. (Wardrobe, Sample, etc)
Zelter Harry L.
SYRACUSE—Syracuse Trunk Co.
UTICA—Faber H. C. & Son Co. (Fibre Sample Trunks),
Winship W. W. & Sons Co.

OHIO.

CANTON—Canton Trunk Co.
CINCINNATI—American Trunk Co., 1039 Central av
Drucker & Co. (Sample), 6 W 4th
Mendel, Drucker Co., 708 Walnut
Menzel Trunk Co., 902 Main
CLEVELAND—Cleveland Trunk Co., 1317 Euclid av
Engelhart Trunk Co.
Faber Jacob, 1955 E 9th
Feigenbaum Trunk & Bag Co., 1272 W 6th
Likly & Rockett Trunk Co., 1365 Euclid av
COLUMBUS—Hughes Jno. R. & Co., 40 N High
Stallman F. A. (Dresser), 57 E Spring
Spring
NORWOOD—Mendel-Drucker Co.
TOLEDO—Duguid Jno. B., Prospect av & M C R R
Wilmington & Co.

OREGON.

PORTLAND—Harris Trunk Mfg. Co., 130 6th
Multnomah Trunk & Bag Co. (Leather), 84 E Water
Portland Trunk Mfg. Co., 60 3d

PENNSYLVANIA.

KENNETT SQUARE—Fibre Specialty Mfg. Co. (Fibre Sample Trunks)
PHILADELPHIA—Arata & Co., 118 S 13th
Bains G. B. & Son, 1028 Chestnut
Belber Trunk & Bag Co., 1641 N Hancock
Cramer, Sherr & Co., 24 S Front
Deveney J. B. & J., 126 N 16th
Heller Samuel, 315 N 2d
McQuinn Robert & Co., 437 Market
Rangnow & Hall (Inc.), 67 Laurel
Regenbogen Philip, 736 South
Rhode Brothers, 1212 Passyunk av
Seafried Bros., 2811 Girard av
Seitz J. H. & Son, 414 Brown
Simons & Co. (Carpet), 700 Arch
Weintraub Jos., 1037 S 4th
PITTSBURGH—American Trunk & Bag Co., 109 Federal
B. B. & B. Trunk Co., Ohio & Sandusky
Haines Geo. S. Co., 610 Wood
Penn Trunk Co., 82 Washington
Pittsburgh Trunk Co., 1041 Gibbon
Sharon Trunk Co., 1625 5th av

RHODE ISLAND.

PROVIDENCE—Providence Trunk Co., 457 Westminster

TENNESSEE.

KNOXVILLE—Beaman Trunk Co.
Whittle Trunk & Bag Co.
MEMPHIS—Ferguson G. B., McCall bldg
Mack Trunk Co.
NASHVILLE—Ewing & Hooper
Fibre Trunk & Case Co.
Nashville Trunk & Mfg. Co.
White Trunk & Bag Co.

TEXAS.

AUSTIN—Austin Trunk Factory
DALLAS—Pollack Henry Trunk Co.
Wilkins Trunk Mfg. Co.
EL PASO— El Paso Trunk Factory
FORT WORTH—Mannig Trunk Mfg. Co.
GALVESTON—John R. H. Jr.

UTAH.

SALT LAKE CITY—Gallagher Jas. I.
Hulbert Bros.

VIRGINIA.

PETERSBURG—Petersburg Trunk & Bag Co.
Rogers Bros. & Kevan
Seward Trunk & Bag Co.
Totty Trunk & Bag Co.
Virginia Trunk & Bag Co.
RICHMOND—Richmond Trunk Mfg. Co.
Rountree H. W. & Bro. Trunk & Bag Co.
Union Trunk & Bag Co.

WASHINGTON.

BELLINGHAM—Dunn Trunk Co.
SEATTLE—Butterfield Trunk Co.

WISCONSIN.

EAU CLAIRE—Eau Claire Trunk Co.
GREEN BAY—Green Bay Trunk & Bag Co.
MILWAUKEE—Abel & Bach Co. (Sole Leather)
Barth James H., 449 E Water
Burroughs Geo. & Sons, 424 E Water
Carpeles Co., 1000 St. Paul av, Milwaukee, Wis.
Kamlee Co. (Auto), 448 E. Water
McKone-Lins Co., 81 Wisconsin
Schoen & Walter Co., 762 11th
Western Grip & Trunk Co., 791 30th
OSHKOSH—Bauer Trunk & Bag Co.
Oshkosh Trunk Co.
Schmit Trunk & Bag Co.
RACINE—Hartmann Trunk Co.
Racine Trunk Co.
Secor M. M. Trunk Co. (Sample, Toy, Sole Leather)

16057a—*Trunk (Wardrobe, Fixtures)

Parsons Specialty & Machine Works (Also Trolley), 2427 N 4th, Phila., Pa.

16058—Trunk & Bag Trimmings

See also Hardware Manufacturers, Trunk & Bag

Graton & Knight Mfg. Co. (Leather Handles, Straps, Corners, Loops, etc), Worcester, Mass.
Jenkinson R. C. & Co., 293 Washington, Newark, N. J.
Krischer's Mfg. Co. (Catches, Loops & Hinges), 186 Lewis, New York

16059—Trunks (Automobile)

Abel & Bach Co., Milwaukee, Wis.
Ajax Trunk & Sample Case Co. ("Ajax"), 150 W 18th, New York
Bal William Co. ("Bal Built"), 7 Vesey, Newark, N. J.
Berg Auto Trunk & Specialty Co. ("Bergrade"), 400 Lafayette, New York
Bosler E. H., 1935 Wabash av, Chicago, Ill.
Boyle Jno. & Co., 112 Duane, New York
Cutter & Cutter, 26 Chauncy, Boston, Mass.
Eau Claire Trunk Co., Eau Claire, Wis.
Eifert Paul, Grand Rapids, Mich.
Fitzgerald Trunk Co., 1214 Wells, Chicago, Ill.
Fuller G. W. Co. ("Fuller"), Hartford, Conn.
Goldsmith L. & Son, Canal & Cherry, Newark, N. J.
Hartmann Trunk Co., Racine, Wis.
Headley & Farmer Co., Newark, N. J.
Kamlee Co. ("Kamlee"), 448 E. Water, Milwaukee, Wis.
Kronauer Chas. & Co. ("Kronauer's"), 844 Fulton, Chicago, Ill.
Leatheroid Mfg. Co. ("Leatheroid"), 121 Beach, Boston, Mass.
Likly Henry & Co., Rochester, N. Y.
McDonald Alexander, 15 Beacon, Boston, Mass.
Mendel-Drucker Co., Norwood, Ohio
Milwaukee Auto Specialty Co. ("Masco"), 711 Chestnut, Milwaukee, Wis.
Nathan Novelty Mfg. Co. ("Nathan"), 88 Reade, New York
New England Trunk Co., 125 Summer, Boston, Mass.
Newton W. H. & Son, Cortland, N. Y.
Niagara Auto Radiator Co., 151 W 68th, New York
Planet Co. ("Duplex" Folding), Westfield, Mass.
Rogers Fibre Co. (Leatheroid Mfg. Co.), ("Leatheroid"), 121 Beach, Boston, Mass. *See adv index at end of book*
Ruch Automobile Top Co., Mt. Vernon, N. Y.
Sage Trunk Co., 134 Summer, Boston, Mass.
Schoenborn A. J. (Metal), Grenleaf, Kan
Seitz J. H. & Son, 414 Brown, Philadelphia, Pa.
Simon S. C. & Co. ("S. C. S. Luggage"), 404 Brown, Phila., Pa.
Stallman F. A., 57 E Spring, Columbus, O.
Taylor C. A. Trunk Works ("Taylor Made"), 28 E Randolph, Chicago, Ill.
Tuttle & Clark ("Blue Ribbon Quality Brand"), Detroit, Mich.
Warren Leather Goods Co., Worcester, Mass.
Wilt Chas. T., 221 W Madison, Chicago, Ill.
Winship W. W., 71 Summer, Boston, Mass.
Winship W. W. & Sons Co., Utica, N. Y.
Wohlfeld S. & Bro., 538 N 3d, Phila., Pa.

16060— Trunks (Automobile Tire)

Ajax Trunk & Sample Case Co., 150 W 18th, New York
Berg Auto Trunk & Specialty Co. ("Bergrade"), 400 Lafayette, New York
Fitzgerald Trunk Co., 1214 Wells, Chicago, Ill.
Fuller G. W. Co. ("Fuller"), Hartford, Conn.
Goldsmith L. & Son ("G. & S. Neverbreak"), Cherry, Newark, N. J.
Kamlee Co. ("Kamlee"), 448 E Water, Milwaukee, Wis.
McDonald Alexander, 15 Beacon, Boston, Mass.
McDonald Brothers, Seattle, Wash.
Milwaukee Auto Specialty Co. ("Mason"), 711 Chestnut, Milwaukee, Wis.
Nathan Novelty Mfg. Co. ("Nathan"), 88 Reade, New York
Sage Trunk Co., 134 Summer, Boston, Mass.
Simon S. C. & Company ("S. C. S. Luggage"), 404 Brown, Phila., Pa.
Stallman F. A., 57 E Spring, Columbus, O.
Taylor C. A. Trunk Works ("Taylor Made"), 28 E Randolph, Chicago, Ill.
Warren Leather Goods Co., Worcester, Mass.
Welch & Suthergreen Co. ("Amphi"), Fitchburg, Mass.
Winship W. W., 71 Summer, Boston, Mass.
Wohlfeld S. & Bro., 538 N 3d, Phila., Pa.

16061— *Trunks (Wardrobe)

Rogers Fibre Co. (Leatheroid Mfg. Co.) ("Leatheroid"), 121 Beach, Boston, Mass. *See adv index at end of book*

16061a— *Trunks & Suit Cases (Sample Fibre)

ROGERS FIBRE CO. (Leatheroid Mfg. Co.), ("Leatheroid"), 121 Beach, Boston, Mass. *See adv index at end of book*

16062—Tryers (Butter & Cheese)

Burrell D. H. & Co., Little Falls, N. Y.
Landers, Frary & Clark (Cast Iron), New Britain, Conn.

16063— Tryers (Ham)

American Cutlery Co., 764 Mather, Chicago, Ill.
Osborne C. S. & Co., Harrison, N. J.
Stortz Jno. & Son, 210 Vine, Phila., Pa.
Stroh Steel Hardening Process Co., Pittsburgh, Pa.
Vaughan & Bushnell Co., 2114 Carroll av, Chicago, Ill.

16064— Tryers (Tallow)

Emrich Phil. (For Tanners), 824 Main, Cincinnati, O.

16065— *Tube Mill Linings

ABBE ENGINEERING CO., 220 Broadway, New York
See adv index at end of book
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*

16066—Tubes (Arch & Stay)

National Tube Co. ("Shelby" Seamless Steel), Frick bldg, Pittsburgh, Pa.

Tubes (Asbestos)

See Tubing, Asbestos Braided

16067— Tubes (Boiler)

See also Pipe & Tube Mills

Albert & Davidson, Oakland & Kent, Brooklyn, N. Y.
See adv index at end of book
Allegheny Steel Co. ("Reliance," Charcoal Iron & Steel), Oliver bldg, Pittsburgh, Pa.
COLONIAL SUPPLY CO., 217 Water, Pittsburgh, Pa.
See adv index at end of book
Delaware Seamless Tube Co. (Seamless Steel), Auburn, Pa.
Detroit Seamless Steel Tubes Co. (Cold Drawn Seamless Steel), Detroit, Mich.
Globe Seamless Steel Tubes Co. (Seamless Cold Drawn Steel), Peoples Gas bldg, Chicago, Ill.
Horner U. S. Co., Oliver bldg, Pittsburgh, Pa.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
McMann & Taylor Co., 104 John, New York
See adv index at end of book
Mark Mfg. Co. (Lap Welded), Evanston, Ill.; Works: Zanesville, O.

Mohegan Tube Co., Scott av & Meserole, Brooklyn, N. Y.
See adv index at end of book
Monongahela Tube Co., Ferguson bldg, Pittsburgh, Pa.
NASON MFG. CO. (Jobbers), 71 Fulton, New York. *See adv index at end of book*
National Tube Co. ("National," Spellerized Lap-Welded Steel, "SHELBY" Seamless Steel), Frick bldg, Pittsburgh, Pa.
New Jersey Tube Co. (Spirally Corrugated), Harrison, N. J.
Ohio Seamless Tube Co. (Seamless Steel), Shelby, O.
Parkesburg Iron Company (Charcoal Iron), Parkesburg, Pa.
Pittsburgh Steel Products Co. (Seamless Steel), Frick bldg, Pittsburgh, Pa.
Reading Iron Co. (Wrought Iron), Reading, Pa.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Saul Eugene C., Monadnock bldg, San Francisco, Cal.
SOULE EDW. L. CO. (Iron & Steel Products of all kinds), Rialto bldg, San Francisco, Cal.
See adv index at end of book
Southern Boiler & Tank Wks. Co. (Jobbers), Memphis, Tenn.
Spang, Chalfant & Co. (Butt & Lap Welded Wrought Iron & Steel), Union Bank bldg, Pittsburgh, Pa.
Tyler Tube & Pipe Co. (Lap Welded, Knobled Charcoal Iron & Algerite Iron Special), Washington, Pa.
Walsh & Weidner Boiler Co., Chattanooga, Tenn. *See adv index at end of book*
WILLIAMS & CO. (INC.), 220-226 Penn. av, Pittsburgh, Pa.
See adv index at end of book

16068— Tubes (Bottle)

Aldrich Mfg. Co., Buffalo, N. Y.
Ray Geo. A. Mfg. Co. (Silvered), Buffalo, N. Y.
St. Louis Paper Can & Tube Corp. (Fibre), St. Louis, Mo.

16068a— *Tubes (Brass)

See also Tubing, Brass & Copper

-TUBES-BRASS-
Shafting, Seamless Welded and Seamless Steel Tubing
Hack Saw Blades, Screw Steel
Bars, Sheets, Plates, Angles, Channels
Wire, Rails, Rods, Drills, Files
Steel Balls, Hoops, Nails
LATSHAW STEEL & METAL PRODUCTS CORP.
WORKS-SPRING CITY, PENNA.
GENERAL OFFICES-261 BROADWAY, NEW YORK CITY
BRANCHES-PHILADELPHIA-PITTSBURG-CHICAGO

Tubes (Carbon)

See Carbon Mfrs.

16069— Tubes (Collapsible)

Am. Collapsible Tube Corp. (Tin), 1012 Clinton, Hoboken, N. J.
Consolidated Fruit Jar Co., New Brunswick, N. J.
National Can Co., Detroit, Mich.
New England Collapsible Tube Co. (Tin), New London, Conn.
Raymond Lead Co. (Tin or Composition), 735 S Washtenaw av, Chicago, Ill.
Standard Specialty & Tube Co., New Brighton, Pa.
Western Aluminum Co., 180 N Dearborn, Chicago, Ill.
Wheeling Stamping Co. (Pure Tin & Pure Lead, Plain or Decorated), Wheeling, W. Va.
White Metal Works, New Brunswick, N. J.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER

16069a— *Tubes (Copper)

See also Tubing, Brass & Copper

-TUBES-COPPER-
Shafting, Seamless Welded and Seamless Steel Tubing
Hack Saw Blades, Screw Steel
Bars, Sheets, Plates, Angles, Channels
Wire, Rails, Rods, Drills, Files
Steel Balls, Hoops, Nails
LATSHAW STEEL & METAL PRODUCTS CORP.
WORKS-SPRING CITY, PENNA.
GENERAL OFFICES-261 BROADWAY, NEW YORK CITY
BRANCHES-PHILADELPHIA-PITTSBURG-CHICAGO

16070— *Tubes (Fibre)

National Fibre & Insulation Co., Yorklyn, Del.

Tubes (Flexible)

See Tubing Flexible, Fabric; also Tubing, Flexible Metallic

16071—Tubes (Flexible Threaded Seamless Refill)

S. & I. Co. (For Plumbers), Springfield, Mass.

16072— Tubes (Fuse)

BRANDYWINE FIBRE PRODUCTS CO., East Wilmington, Del.
DELAWARE HARD FIBRE CO. (Hard Fibre for Enclosed Fuses), Wilmington, Del. Works: Marshallton, Del.
See adv index at end of book
National Fibre & Insulation Co., Yorklyn, Del.
Standard Fibre Co. (Hard Fibre), Miller st, Somerville, Mass.

16073—Tubes (Grain Drill)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Goodrich B. F. Co. (Rubber), Akron, O.
Manhattan Rubber Mfg. Co., Passaic, N. J.
Sharon Steel Hoop Co. (Pressed Steel), Sharon, Pa.
Youngstown Pressed Steel Co., Youngstown, O.

16074— Tubes (Graphite)

Acheson Graphite Co., Niagara Falls, N. Y.

16075—Tubes (Gravity Carrier)

Mohegan Tube Co., Scott av & Meserole, Brooklyn, N. Y.
See adv index at end of book
National Tube Co., Frick bldg, Pittsburgh, Pa.

16076— Tubes (Gun)

Hartley M. Co., 233 B'way, New York
Mohegan Tube Co., Scott av & Meserole, Brooklyn, N. Y.
See adv index at end of book
Schoverling, Daly & Gales (Dealer), 302 B'way, N. Y.
Tryon Edw. K. Co., 611 Market, Phila., Pa.

16077— Tubes (Igniting)

Hough Chas. N. Mfg. Co. (Nickel Alloy for Gas Engines), Franklin, Pa.

WILLIAMS & CO. INC.
PITTSBURGH, PA.

Williams & Co., 221 Penn av, Pittsburgh, Pa. *See adv index at end of book*

16078—Tubes (Inner Automobile)

American Tire & Rubber Co., Akron, O.
Columbia Tire & Rubber Co., Columbiana, O.
Continental Rubber Works ("Vitalic"), Erie, Pa.
Dreadnaught Tire & Rubber Co. ("Super-Dreadnaught"), Orangeville, Baltimore, Md.
Endurance Tire & Rubber Co. (Red or Grey), New Brunswick, N. J.
Falls Rubber Co. ("Evergreen"), Cuyahoga Falls, O.
Goodrich B. F. Co., Akron, O.
Goodyear Tire & Rubber Co., Akron, O.
Gordon Tire & Rubber Co., Canton, O.
Hamilton Rubber Mfg. Co., Trenton, N. J.
Howe Rubber Co., New Brunswick, N. J.
Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.
Keystone Rubber Mfg. Co., Erie, Pa.
Kokomo Rubber Co., Kokomo, Ind.
Lee Tire & Rubber Co. ("Lee"), Conshocken, Pa.
McGraw Tire & Rubber Co. ("Imperial"), East Palestine, O.
McLean Tire & Rubber Co., East Liverpool, Ohio
Mansfield Tire & Rubbebr Co. ("Mansfield" & "Ohio"), Mansfield, O.
Mattson Rubber Co., Lodi, N. J.
McLean Tire & Rubber Co., East Liverpool, Ohio
Michelin Tire Co. (Red), Milltown, N. J.
Mohawk Rubber Co., Akron, O.
National Rubber Co. ("Special Red," "Pure Gum Gray"), Pottstown, Pa.
New Jersey Car Spring & Rubber Co. ("Wemaka"), 91 Brunswick, Jersey City, N. J.
Parker-Stearns & Co. ("Alpha" Pure Red Rubber), 276 Sheffield, Brooklyn, N. Y.
Pennsylvania Rubber Co., Jeannette, Pa.
Perfection Tube Co., Painesville, O.
Rubber Products Co. ("Stronghold"), Barberton, O.
Thermoid Rubber Co., Trenton, N. J.
Tyer Rubber Co. ("Tyrian"), Andover, Mass.
Vulcan Rubber Co., Erie, Pa.
Western Rubber Co., Goshen, Ind.

16079—Tubes (Inner Bicycle)

Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.
Pennsylvania Rubber Co., Jeannette, Pa.

Tubes (Insulating)

See Insulators; also Conduits

Tubes (Iron Lined)

See Tubing, Iron Lined

16080-1—Tubes (Mailing, Etc.)

AMERICAN CAN CO., 120 B'way, New York *See adv index at end of book*
Bennett Paper, Can & Tube Co., 291 10th, San Francisco, Cal.
Brown Jas. Jr. (Paper & Worsted Tubes & Cones), Ring & Main, Phila., Pa.
Chicago Mailing Tube Co., 425 S Hoyne av, Chicago, Ill.
Chicago Paper Tube & Can Co. (Paper for Mailing, Electrical Purposes, etc), 168 W May, Chicago, Ill.
Detroit Paper Tube & Can Co., Ltd. (Mailing, Tin End Cans, etc), 26 Griswold, Detroit, Mich.
Empire Paper Tube & Box Co., 155 Bank, New York
Estes E. B. & Sons (Wooden), 364 5th av, New York *See adv index at end of book*
Hoffman J. C., Inc., 10 Jones, New York
International Mailing Tube & Wrapper Co., Concord & Prince, Brooklyn, N. Y.
Kern & Son, 409 Pearl, New York
Lindley Box & Paper Co., Marion, Ind.
Lincoln Paper Co., Lincoln, Nebr.
Lowell Paper Tube Corp., Lowell, Mass.
McCreary Mfg. Co., Erie, Pa.
Mail Wrapper-Tube Co., 162 E 118th, New York
Michigan Paper Tube & Can Co., 9 Center, Detroit, Mich.

TUBES (MAILING, ETC.)—continued

Ritchie W. C. & Co., 400 S Green, Chicago, Ill.
St. Louis Paper Can & Tube Corpn, St. Louis, Mo.
Seeley Tube & Box Co., 344 Central av, Newark, N. J.
Thames River Specialties Co., Uncasville, Conn.
Thompson & Norris Co. The, Concord & Prince, Brooklyn, N. Y.
Union Paper Co. (Also Cans, Boxes, etc), 844 Washington, New York
Ware Co., 50 Watts, New York
Wilson Wyle T., 1151 N 3d, Phila., Pa.

Tubes (Metal Collapsible)

See Tubes Collapsible

16082— Tubes (Mica)

Chicago Mica Co., Valparaiso, Ind.
Macallen Co., 16 Macallen, So. Boston, Mass.
Mikesell Bros. Co., 176-178 N La Salle, Chicago, Ill.
Mica Mfg. Co., 454 18th, Brooklyn, N. Y.
New England Mica Co., Waltham, Mass.

16083— Tubes (Milking)

Pilling Geo. P. & Son Co., 23d & Arch, Phila., Pa.

16084—Tubes (Motor Cycle)

Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

16084a— Tubes (Nickel)

Electrical Alloy Co. (Small Tubes), Morristown, N. J.

Tubes (Paper)

See Tubes, Mailing, etc

16085— Tubes (Porcelain)

Akron Smoking Pipe Co. (Also Clay), Mogadare, O.
Freeman E. H. Electric Co., Trenton, N. J.
Guernsey Earthenware Co., Cambridge, O.
Illinois Electric Porcelain Co., Macomb, Ill.

16086— Tubes (Pyrometer)

Carborundum Co., Niagara Falls, N. Y.
Thermal Syndicate (Ltd.), ("Vitreosil," Pure Fused Silica), 50 E 41st, New York

16087— Tubes (Ribbon)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book

16087a— Tubes (Silica)

Lenz Apparatus Co., 9 E 16th, New York

16087b— *Tubes (Steel)

See also Tubing-Steel

16088—Tubes (Weldless Steel)

Justice Phillip S. & Co., 421 Chestnut. Phila., Pa.
Mohegan Tube Co., Scott av & Meserole, B'klyn, N. Y. *See adv index at end of book*
WILLIAMS & CO., INC., 220-226 Penn av, Pittsburgh, Pa.
See adv index at end of book

16089— Tubes (Wire)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book

Tubes (Wiring)

See Insulators; also Conduits

16089a— Tubing

See also Specific Articles and Index and in Following Headings
Latshaw Steel & Metal Products Corp., 220 B'way, New York
See adv index at end of book

16089b— *Tubing (Airplane)

Aluminum Co. of America, 2400 Oliver bldg, Pittsburgh, Pa.
American Tube Co., 36th & Rockwell, Chicago, Ill.
Demes A. Co., 199 Lafayette, New York
EMPIRE ART METAL CO., INC., College Point, L. I., N. Y.
Frasse Peter A. & Co., 417 Canal, New York. *See adv index at end of book*
National Tube Co., Frick bldg, Pittsburgh, Pa.
Penn Flexible Metallic Tubing Co., 201 N Broad, Phila., Pa.
See adv index at end of book
Standard Parts Co. The, Cleveland, O.
Stimpson Edwin B. Co., B'klyn, N. Y.

16090— Tubing (Aluminum)

Aluminum Co. of America (Seamless), Oliver bldg, Pittsburgh, Pa.
See adv index at end of book
Bradford Co. (Imp.), 200 5th av, New York
Hough W. S. Jr. Co., 61 Peck, Providence, R. I.
Ivins Elwood Tube Works (Seamless), Oak Lane, Phila., Pa.
Metal Products Co., Inc., 100 So. Jefferson, Chicago, Ill.
Rome Hollow Wire & Tube Co., Rome, N. Y.
See adv index at end of book
Seligman Arthur (Imp.), 165 B'way, New York
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
See adv index at end of book

16090a—*Tubing (Annealed)

Mohegan Tube Co., Scott av & Meserole, Brooklyn, N. Y.
See adv index at end of book

16091—Tubing (Asbestos Braided)

American Asbestos Co., Norristown, Pa.
Asbestos Fibre Spinning Co., North Wales, Pa.
Johns H. W.-Manville Co. ("J-M," "J-M Red Rubber"), Madison av & 41st, New York
Keasbey & Mattison Co., Ambler, Pa.
Mikesell Bros. Co., 176-178 N La Salle, Chicago, Ill.
Watson H. F. Co., Erie, Pa.

16091a—*Tubing (Automobile)

Mohegan Tube Co., Scott av & Meserole, Brooklyn, N. Y.
See adv index at end of book
STANDARD STEEL TUBE CO., Toledo, O.
See adv index at end of book

Williams & Co. (Inc.), 221 Penn av, Pittsburgh, Pa. *See adv index at end of book*

16092-3—Tubing (Bedstead)

American Tube Co., 37th & Rockwell, Chicago, Ill.
Elyria Iron & Steel Co. (High Carbon Steel, Butted & Brazed), Cleveland, O.
EMPIRE ART METAL CO., INC., College Point, L. I., N. Y.
Keystone Tube Works (Round & Square, Welded, etc), Connellsville, Pa.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book

HIGH GRADE

STEEL LAP WELDED TUBING

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Tubes bent and formed to blue print.

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67-73 WASHINGTON ST NORTH
BOSTON MASS.

TRUMPBOUR-WHITEHEAD BRASS & COPPER CO.
309-311 CANAL ST., NEW YORK and
43 NORTH 7th, PHILADELPHIA, PA.

MOHEGAN TUBE CO., Scott av & Meserole, Brooklyn, N. Y.
See adv index at end of book
National Tube Co. ("National" Welded "Shelby" Seamless Round, Square, Rectangular, etc), Frick bldg, Pittsburgh. Pa. *See adv index at end of book*
Newark Tube & Metal Works, 560 Ferry, Newark, N. J.
New Jersey Tube Co. (Brass), Harrison, N. J.
Ohio Seamless Tube Co. (Seamless Steel) Shelby, O.
Phenix Tube Co. (Brass, Bronze & Aluminum, Iron Lined), 182 N 11th, Brooklyn, N. Y.
Winelander & Jackson (Iron Lined Brass), 29 Rodney, Brooklyn, N. Y.

Tubing (Beer)

See Tubing, Rubber

16094— *Tubing (Bicycle)

See also Tubing, Steel

FRASSE PETER A. & CO. (INC.), 417 Canal, New York
See adv index at end of book
Mohegan Tube Co., Scott av & Meserole, Brooklyn, N. Y.
See adv index at end of book
National Tube Co. ("Shelby" Seamless Steel), Frick bldg, Pittsburgh, Pa.
STANDARD STEEL TUBE CO., Toledo, O.
See adv index at end of book

WILLIAMS & CO. INC.
PITTSBURGH, PA.

Williams & Co. (Inc.), 221 Penn. av, Pittsburgh, Pa. *See adv index at end of book*

16095— Tubing (Brass, Bronze & Copper)

See also Tubes (Brass & Tubes) Copper

ALLOY STEEL PRODUCTS CORP., 30 Church, New York
See adv index at end of book
AMERICAN BRASS CO. (Seamless & Brazed), Waterbury, Conn.
For branch offices see adv index at end of book
American Tube Works ("Green's," "Alston's," "Adams'," Seamless Drawn), 10 Oliver, Boston, Mass.
Baltimore Tube Co. ("Oriole," Seamless), Wicomico & Ostend, Baltimore, Md.
Bamford & Smith Co., 9 Culver, Providence, R. I.
Benedict & Burnham Mfg. Co., Waterbury, Conn.
Besly Chas. H. & Co. (Jobbers, Seamless, etc), 120 N Clinton, Chicago, Ill.
Bridgeport Brass Co., Bridgeport, Conn.
Bridgeport Metal Goods Mfg. Co. (Pressed Drawn Brass), Bridgeport, Conn.
Bristol Brass Co. (Brass Brazed Only), Bristol, Conn.
Brooklyn Tube Works (Seamless), Bay & Columbia, Brooklyn, N. Y.
Buffalo Copper & Brass Rolling Mills, 446 Military rd, Buffalo, N. Y.
Cleveland Brass & Copper Mills, Inc., 321-24 Guardian bldg, Cleveland, O.
Coe Brass Mfg. Co., Torrington, Conn.
CHASE METAL WORKS, Waterbury, Conn.
CHASE ROLLING MILL CO., Waterbury, Conn.
Croton Mfg. Co. (Lock Joint Steel Lined Brass Tubing), Croton on Hudson, N. Y.
Dallas A. C. & Son (Brass & Copper), 225 N Jefferson, Chicago, Ill.
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
EMPIRE ART METAL CO., INC., College Point, L. I., N. Y.
Erie-Buffalo Tube Co. (Small), Erie, Pa.
French Mfg. Co. (Seamless Brass, Small Sizes Only), Waterbury, Conn.
Gardner B. M. Co., Guardian bldg, Cleveland, O.
Graff A. & Sons (Brass), 39 Shipley, San Francisco, Cal.
Hough W. S. Jr. Co. (Brass & Copper). 61 Peck, Providence, R. I.
Hungerford U. T. Brass & Copper Co. (Seamless), 80 Lafayette, New York
Ivins Elwood Tube Works (Seamless), Oak Lane Station, Phila., Pa.
Larkin J. K. & Co. (Brass & Copper Tubes), 34 Reade, New York
See adv index at end of book
Manhattan Brass Co. (Brass & Bronze), 332 E 28th, New York
Latshaw Steel & Metal Products Corp., 220 B'way, New York
See adv index at end of book
Marwedel C. W. (Brass & Copper), 76 1st, San Francisco, Cal.
MERCHANT & EVANS CO. (Jobbers), 2035 Washington av, Phila., Pa.
See adv index at end of book
Metal Products Co., Inc., 100 So. Jefferson, Chicago, Ill. *See adv index at end of book*

BRASS
SHEET, ROD, TUBE, WIRE, ANODES
METAL PRODUCTS CO.
100 South Jefferson Street, Chicago, Ill.

Michigan Copper & Brass Co. (Brazed & Seamless), Detroit, Mich.
National Brass & Copper Tube Co., 639 Mission, San Francisco, Cal.
National Brass & Copper Tube Co., 41 Park Row, New York
National Co. (Seamless), Waterbury, Conn.
New Jersey Tube Co. (Bent Brass, etc), Harrison, N. J.
North American Copper Co., 52 Vanderbilt av, New York
Philadelphia Brass Co., East Downingtown, Pa.
Randolph-Clowes Co. (Seamless), Waterbury, Conn.
Roberts Tube Works (Seamless), 868 Military av, Detroit, Mich.
Rome Brass & Copper Co. (Seamless or Brazed, also Bronze), Rome, N. Y.
Rome Hollow Wire & Tube Co., Rome, N. Y.
Slade Tubing Co. (Seamless), Rome, N. Y.
Standard Brass & Copper Tube Co. (Cold Drawn Seamless, Brass & Copper), New London, Conn.
Summerill Tubing Co. (Seamless Cold Drawn), Bridgeport, Pa.
TRUMPBOUR-WHITEHEAD BRASS & COPPER CO., 309-311 Canal, New York, & 43 N 7th, Phila., Pa.
See adv index at end of book
Twentieth Century Brass Works (Brass), 514 5th av, S Minneapolis, Minn.
United Wire & Supply Co. (Seamless Swaged & Bent; also Brazed Brass Tubing), Elmwood Station, Providence, R. I.
Waterbury Mfg. Co. (Brass Brazed Only), Waterbury, Conn.
Wells A. H. & Co. (Seamless), 563 Watertown rd, Waterbury, Conn.

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Carteret, New Jersey

WHITEHEAD METAL PRODUCTS CO., 67-73 Washington, North, Boston, Mass. *See adv index at end of book*

16096— *Tubing (Brass Covered)

Mohegan Tube Co., Scott av & Meserole, Brooklyn, N. Y.
See adv index at end of book

16097—Tubing (Brazed Steel)

Consolidated Mfg. Co., Toledo, O.
EMPIRE ART METAL CO., INC., College Point, L. I., N. Y.
Mohegan Tube Co., Scott av & Meserole, Brooklyn, N. Y.
See adv index at end of book
Newark Tube & Metal Works, 560 Ferry, Newark, N. J.
Phenix Tube Co., 182 N 11th, Brooklyn, N. Y.
STANDARD STEEL TUBE CO., ("Toledo"), Toledo, O.
See adv index at end of book

16097a—*Tubing (Butted)

Mohegan Tube Co., Scott av & Meserole, Brooklyn, N. Y.
See adv index at end of book

Tubing (Celluloid)

See Celluloid, Fibreloid & Pyrolin Manufacturers

16098—*Tubing (Cold Drawn Seamless Steel)

See also Tubing, Steel

EMPIRE ART METAL CO., INC., College Point, L. I., N. Y.
FRASSE PETER A. & CO. (INC.), 417 Canal, New York
See adv index at end of book
Mohegan Tube Co., Scott av & Meserole, Brooklyn, N. Y.
See adv index at end of book
STANDARD PARTS CO., Cleveland, O.
See adv index at end of book
WILLIAMS & CO. (INC.), 221 Penn av, Pittsburgh, Pa.
See adv index at end of book

WILLIAMS & CO. INC.
PITTSBURGH, PA.

16099—Tubing (Condenser)

AMERICAN BRASS CO. ("Admiralty," & Brass), Waterbury, Conn.
For branch offices see adv index at end of book
Baltimore Tube Co. ("Oriole"), Wicomico & Ostend, Baltimore, Md.
Bridgeport Brass Co., Bridgeport, Conn.
Chase Metal Works (Brass & Copper), Waterbury, Conn.
CHASE ROLLING MILL CO. (Brass & Copper), Waterbury, Conn.
Hungerford U. T. Brass & Copper Co. (Brass, Plain & Tinned), 80 Lafayette, New York
North Amer. Copper Co., 52 Vanderbilt av, New York
Rome Brass & Copper Co. (Brass), Rome, N. Y.
Trumpbour-Whitehead Brass & Copper Co., 309-311 Canal, New York, & 43 N 7th, Phila., Pa.
See adv index at end of book
Wheeler Condenser & Engineering Co., Carteret, N. J. *See adv index at end of book*
WHITEHEAD METAL PRODUCTS CO., 67-73 Washington, North Boston, Mass. *See adv index at end of book*

Tubing (Conduit)

See Sleeving, Cotton

16099a— Tubing (Evaporator)

Wheeler Condenser & Engineering Co., Carteret, N. J.
See adv index at end of book

16100—Tubing (Flexible Fabric)

Atlantic Tubing Co. (Gas Pipe Tubing), 1756 Cranston, Providence, R. I.
Chicago Tubing & Braiding Co. ("Everlasting" Gas), 216 N Clinton, Chicago, Ill.
James Mfg. Co. ("Klingtite" Gas), Cleveland, Ohio
New York Gas Tubing Co., 95 Bank, New York
Norwalk Mfg. Co. (Safety Gas), E Norwalk, Conn.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

16101—Tubing (Flexible Metallic)

Almond T. R. Mfg. Co. ("Almond," for Electric Light Brackets, Portables, Oil & Gasoline, etc), Ashburton, Mass.
Am. Metal Moulding Co., 145 N. J. R. R. av, Newark, N. J.
American Metal Hose Co. ("American"), Waterbury, Conn.
Atlantic Metal Hose Co., 1777 B'way, New York
Automobile Supply Mfg. Co. (Brass & Iron, Light Pressure for Auto Horns, etc), 80 B'way, Brooklyn, N. Y.
Breeze Carbureter Co., 250 52d, Newark, N. J.
Col.-Mac. Co., 250 South, Newark, N. J.
DEWES A. CO., 199 Lafayette, New York
Fischer Chas. Spring Co., 473 Kent av, Brooklyn, N. Y.
Johns H. W.-Manville Co. ("J-M"), Madison av & 41st, New York
Kaufman A. G. Mfg. Co., 210 5th av., New York
METAL HOSE & TUBING CO. (Rubber & Fabric Covered Flexible Metallic), ("Triplexd"), Raymond & Tillary, Brooklyn, N. Y.
See adv index at end of book
Mulconroy Co. ("Mulconroy" Interwoven), 54th & Jefferson, Phila., Pa.
Norwalk Mfg. Co., E Norwalk, Conn.
N. Y. Flexible Metallic Hose & Tubing Co., 112 W 42nd, New York
Penna. Flexible Metallic Tubing Co. (Copper or Steel High Pressure, etc), 201 N Broad, Phila., Pa.
Schoen-Jackson Co., Media, Pa.
Schwartz & Bro., Robt. S., 729 B'way, New York
Sprague Electric Works, 527 W 34th, New York
TITEFLEX METAL HOSE CORP., Badger av & Runyon, Newark, N. J.
See adv index at end of book
U. S. Flexible Metallic Tubing Co., Los Angeles, Cal.
Wheelock Mfg. Co. (Steel), Wheelock, Vt.
Worcester Flexible Tubing Co. (Brass & Steel), Whitman, Mass.

16101a— Tubing (Gas)

TITEFLEX METAL HOSE CORP., Badger av & Runyon, Newark, N. J.
See adv index at end of book

16102—Tubing (German Silver)

See also Tubing, Brass, Bronze & Copper

American Brass Co. (Seamless & Brazed), Waterbury, Conn.
For branch offices see adv index at end of book
Bridgeport Brass Co., Bridgeport, Conn.
Bristol Brass Co., Bristol, Conn.
French Mfg. Co. (Seamless, Small Sizes Only), Waterbury, Conn.
Hough W. S. Jr. Co., 61 Peck, Providence, R. I.
Summerhill Tubing Co. (Seamless Cold Drawn), Bridgeport, Conn.

16103— Tubing (Glass)

Corning Glass Works (Electrical, Clinical, Thermometer, etc), Corning, N. Y.
Demuth Glass Mfg. Co., Gardner av, Brooklyn, N. Y.
Durand-Koering Glass Co. (Also Rods), Vineland, N. J.
Fostoria Glass Novelty Co., Fostoria, Ohio
Glogan & Co., Dickey bldg, Chicago, Ill.
Gove Hartley (Thermo), Vineland, N. J.
International Glass Co., Millville, N. J.
Kimble Glass Co. (Also Rods, Finished & Unfinished), 402 W Randolph, Chicago, Ill.
Libbey Glass Co., Toledo, O.
Pairpoint Corp'n (For Electrical Use), New Bedford, Mass.
Ruth Glass Co., Conshohocken, Pa.
Staniford J. W. & Co., 40 Hanover, Boston, Mass.
Vineland Flint Glass Works (Also Rods, Unfinished), Vineland, N. J.
Wagner Glass Works, 697 E 132d, New York
Whitall Tatum Co., 410 Race, Phila., Pa.

16104—*Tubing (Hard Fibre)

See also Fibre, Hard

BRANDYWINE FIBRE PRODUCTS CO., East Wilmington, Del.
DELAWARE HARD FIBRE CO., Wilmington, Del. Works. Marshallton, Del. *See adv index at end of book*
WILMINGTON FIBRE SPECIALTY CO. (Vulcanized), Wilmington, Del.
See adv index at end of book

16105—Tubing (Hard Rubber)

American Hard Rubber Co., 9 Mercer, New York
Goodrich B. F. Co., Akron, O.
Home Rubber Co., Trenton, N. J.
Stokes Jos. Rubber Co., Trenton, N. J.
Vulcanized Rubber Co., 251 4th av, New York

16106—*Tubing (Hot Rolled Seamless Steel)

EMPIRE ART METAL CO., INC., College Point, L. I., N. Y.
FRASSE PETER A. & CO. (INC.), 417 Canal, New York
See adv index at end of book
MOHEGAN TUBE CO., Scott av & Meserole, Brooklyn, N. Y.
See adv index at end of book

16106a— *Tubing (Interlocked)

TITEFLEX METAL HOSE CORP., Badger av & Runyon, Newark, N. J.
See adv index at end of book

16106b— Tubing (Iron)

See also Pipe & Tube Mills

Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book

16107—Tubing (Iron Lined)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

STANWELD COLD SEAMLESS DRAWN STEEL TUBING

Welded Steel Tubing—Lock Seam Tubing—Butted Steel Tubing—Round—Half-Round—Oval—Square—Rectangular—Rope—Reinforced and Special Shapes

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EDGAR T. WARD'S SONS CO. 44-54 Farnsworth Street, BOSTON, MASS.

Bridgeport Brass Co., Bridgeport, Conn.
Manhattan Brass Co., 332 E 28th, New York
Mohegan Tube Co. (Brass), Scott av & Meserole, Brooklyn, N. Y.
See adv index at end of book
Phenix Tube Co. (Brazed, Lock Joint,, Close Joint & Bent, Brass, Bronzes & Aluminum), 182 N 11th, Brooklyn, N. Y.
Rome Tube Co. (Brass), Rome, N. Y.
Western Brass Mfg. Works, Marshall blvd & W 21st, Chicago, Ill.
Winelander & Jackson (Brass), 29 Rodney, Brooklyn, N. Y.

16108—Tubing (Lead & Block Tin)

American Lead Co., 3116 Penn av, Pittsburgh, Pa.
Chadwick-Boston Lead Co., 162 Congress, Boston, Mass.
National Lead Co., 111 B'way, New York
United Lead Co., 111 B'way. New York

16108a—Tubing (Metallic)

Warnola Mfg. Co., Inc., 73-75 Wooster, New York

16109—Tubing (Nickel Silver)

AMERICAN BRASS CO., Waterbury, Conn.
Hough W. S. Jr. Co. (Seamless), 61 Peck, Providence, R. I.
National Co. (Seamless), Waterbury, Conn.
United Wire & Supply Co. (Seamless), 109 Summer, Providence, R. I.
Wells A. H. & Co. (Seamless), Waterbury, Conn.

16110— Tubing (Organ)

Chadwick-Boston Lead Co. (Composition), Boston, Mass.
National Lead Co., 111 B'way, New York
United Lead Co., 111 B'way, New York

16110a—*Tubing (Plated)

Mohegan Tube Co. (Nickel, Brass & Copper), Scott av & Meserole, Brooklyn, N. Y. *See adv index at end of book*

16111— Tubing (Platinum)

American Platinum Works, Oliver & N. J. R. R. av, Newark, N. J.
Baker & Co., 54 Austin, Newark. N. J.

16112— Tubing (Porcelain)

Locke Insulator Mfg. Co., Victor, N. Y.
Pittsburgh High Voltage Insulator Co., Derry Pa.

16113— Tubing (Rubber)

Acme Rubber Mfg. Co., Trenton, N. J.
American Hard Rubber Co., 9 Mercer, New York
Armstrong Rubber Co., 118 Adams, Newark, N. J.
Boston Belting Corp., 85 Linden Park, Boston, Mass.
Boston Woven Hose & Rubber Co., Cambridge, Mass.
Canfield H. O. Co., Bridgeport, Conn.
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Continental Rubber Works, Erie, Pa.
Davidson Rubber Co., Boston, Mass.
Davol Rubber Co., 69 Point, Providence, R. I.
Ehman Tire & Rubber Co., La Salle & 27th, Chicago, Ill.
Empire Tire & Rubber Corp., East Trenton, N. J.
Essex Rubber Co., Trenton, N. J.
Faultless Rubber Co., Ashland, O.
Federal Rubber Co., The, Cudahy, Wis.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Hamilton Rubber Mfg. Co., Trenton, N. J.
Home Rubber Co., Trenton, N. J.
Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mason Tire & Rubber Co., Kent, O.
Mattson Rubber Co., Lodi, N. J.
Mercer Rubber Co., Hamilton Square, N. J.
Miller Rubber Co., Akron, O.
Mutty L. J. Co., 175 Congress, Boston, Mass.
National India Rubber Co., Bristol, R. I.
N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
New York Belting & Packing Co. (Pure & C. I.), 91 Chambers, New York
Norwalk Mfg. Co., E Norwalk, Conn.
Parker-Stearns & Co. ("Alhpa," Black or Red), 286 Sheffield av, Brooklyn, N. Y.
Peerless Rubber Mfg. Co., 31 Warren, New York
Pennsylvania Rubber Co. (Acid, High Pressure, Cloth Insertion, Steam, Gas, Oil, Fire Extinguisher, etc), Jeannette, Pa.
Plymouth Rubber Co., Canton, Mass.
Quabaug Rubber Co., North Brookfield, Mass.
Quaker City Rubber Co. ("Niotus"), 629 Market, Phila., Pa.
Republic Co., Youngstown, O.
Revere Rubber Co., Chelsea, Mass.
Rubber Products Co., Barberton, O.
Seamless Rubber Co., New Haven, Conn.
Standard Tire & Rubber Mfg. Co. (Red & Grey), Hippodrome bldg, Cleveland, O.
Thermoid Rubber Co. (Soda, Duck, Soda Sheeting, Cloth Insertion & Pure), Trenton, N. J.
Tyer Rubber Co. (All Grades, Colors & Sizes), Andover, Mass.
United & Globe Rubber Mfg. Co., Trenton, N. J.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
Whitehead Bros. Rubber Co., Trenton, N. J.
Woven Steel Hose & Rubber Co., Trenton, N. J.

16114—Tubing (Rubber, Cloth Insertion)

Boston Woven Hose & Rubber Co., Cambridge, Mass.

16115—*Tubing (Seamless Steel)

See also Tubing, Steel

FRASSE PETER A. & CO. (INC.), 417 Canal, New York
See adv index at end of book
Larkin J. K. & Co. (Also Tubes), 34 Reade, New York. *See adv index at end of book*
Mohegan Tube Co., Scott av & Meserole, Brooklyn, N. Y.
See adv index at end of book
MORRIS E. K. & CO., 317 W 2d, Cincinnati, O.
Standard Seamless Tube Co., Ambridge, Pa.
Steel Sales Corp., Adams & Jefferson, Chicago, Ill
Toledo Steel Tube Co., Toledo, O.
WARD'S EDGAR T. SONS CO., 44-54 Farnsworth, Boston, Mass.; 304 Hudson, New York
See adv index at end of book

16115a—*Tubing (Sherardized)

Mohegan Tube Co., Scott av & Meserole, Brooklyn, N. Y.
See adv index at end of book

16116— Tubing (Silver)

Hough W. S. Jr. Co. (Seamless), 61 Peck, Providence, R. I.
United Wire & Supply Co. (Seamless), Elmwood Station, Providence, R. I.

16117— Tubing (Soft Steel)

Ivins Ellwood Tube Works (Seamless), Oak Lane Station, Phila., Pa.
Mohegan Tube Co., Scott av & Meserole, Brooklyn, N. Y.
See adv index at end of book
WILLIAMS & CO. (INC.), 220-226 Penr av, Pittsburgh, Pa.
See adv index at end of book

16118— Tubing (Square)

Braun J. G., 609 S Paulina, Chicago, Ill.
EMPIRE ART METAL CO., INC., College Point, L. I., N. Y.
Keystone Tube Works (Welded Agricultural, Bedstead, etc), Connellsville, Pa.
Mohegan Tube Co., Scott av & Meserole, Brooklyn, N. Y.
National Tube Co. ("Shelby" Seamless Steel), Frick bldg, Pittsburgh, Pa.
WILLIAMS & CO. (INC.), 220-226 Penn av, Pittsburgh, Pa.
See adv index at end of book

16119— Tubing (Steel)

See also Tubing, Seamless Steel; also Pipe & Tube Mills

American Steel Tube Co. (Gages 14-22), 369 S Erie, Toledo, O.
American Tube Co., 37th & Rockwell, Chicago, Ill.
American Tube & Stamping Co., Bridgeport, Conn.
Blum Julius & Co. (Seamless), 510 W 24th, New York
Calumet Steel Co. (Butted & Brazed Structural), 208 S La Salle, Chicago, Ill.
Carpenter Steel Co., The (Hot Rolled Seamless Steel), Reading, Pa.
Central Tube Co., Pittsburgh, Pa.
Consolidated Mfg. Co. (Brazed for Automobiles, Bicycles, Baby Carriages, etc), Toledo, O.
Delaware Seamless Tube Co. (Seamless), Auburn, Pa.
Detroit Seamless Steel Tubes Co. (Cold Drawn Seamless), Detroit, Mich.
Elyria Iron & Steel Co. ("Elisco" Cold Rolled), Cleveland, O.
EMPIRE ART METAL CO., INC., College Point, L. I., N. Y.
FRASSE PETER A. & CO. (INC.), 417 Canal, New York
See adv index at end of book
Globe Seamless Steel Tubes Co. (Cold Drawn High Carbon Seamless Steel), People's Gas bldg, Chicago, Ill.
Ivins Ellwood Tube Works (Cold Drawn Seamless), Oak Lane, Phila., Pa.
Kawner Mfg. Co. (Seamless for V. P.), Niles, Mich.
Keystone Tube Works (Round & Square Welded, Agricultural, Bedstead, etc), Connellsville, Pa.
Krefeld Steel Co. (Imp), 50 Church, New York
Latshaw Steel & Metal Products Corp., 220 B'way, New York
See adv index at end of book

STEEL TUBING

Cold Drawn Welded Tubing

Round, Square, Rectangular and Odd Shapes for Automobile, Bedstead, and Mechanical Purposes. Tubular parts bent, formed, swaged, and tapered

Also Lock Steam Tubes Made from Light Gauge Cold Rolled Steel. - Stamping, Forming and Blanking

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TUBING (STEEL)—continued

MOHEGAN TUBE CO. ("Smooth-Oh"), Scott av & Meserole, Brooklyn, N. Y.
See adv index at end of book
National Tube Co. ("Shelby" Cold Drawn Seamless), Frick bldg, Pittsburgh, Pa.
Newark Tube & Metal Works (Butt Joint), 560 Ferry, Newark, N. J.
Ohio Seamless Tube Co. (Cold Drawn Seamless), Shelby, O.
Phenix Tube Co. (Brazed, Butted, Square & Twisted), 182 N. 11th, Brooklyn, New York
Phila. Metal Products Co. (Jobbers), Broad & Cherry, Phila., Pa.
Pittsburgh Seamless Tube Co., Beaver Falls, Pa.
Pittsburgh Shafting Co. (Seamless), Detroit, Mich.
Pittsburgh Steel Products Co. (Hot Rolled & Cold Drawn Seamless), Frick bldg, Pittsburgh, Pa.
Pressed Metal Radiator Co. ("Paramount"), Pittsburgh, Pa.
Rome Hollow Wire & Tube Co. (Seamless Hollow Wire), Rome, N. Y.
Rome Metal Products Corp. (Seamless), 87 Nassau, New York
STANDARD STEEL TUBE CO. (Brazed for Mechanical Purposes), Toledo, O.
STANDARD PARTS CO. ("Stanweld" Electrically Welded), W 73d, Cleveland, O. *See adv index at end of book*
Summerill Tubing Co. (Cold Drawn Seamless), Bridgeport, Pa.
Timken Roller Bearing Co. (Cold Drawn Seamless), Canton, O.
Toledo Steel Tube Co., Toledo, Ohio
Tyler Tube & Pipe Co. (Lap Welded), Washington, Pa.
WILLIAMS & CO. (INC.), 220-226 Penn av, Pittsburgh, Pa.
See adv index at end of book

16119a—*Tubing, (Steel, Acetylene Welded)

ALLOY STEEL PRODUCTS CORP., 30 Church, New York
See adv index at end of book
KNAPP ARTHUR ENGINEERING CORP., 30 Church, New York
See adv index at end of book
MOHEGAN TUBE CO., Scott av & Meserole, Brooklyn, N. Y.
See adv index at end of book
Pressed Metal Radiator Co., Pittsburgh, Pa.
STANDARD PARTS CO., Cleveland, O.
See adv index at end of book

16119b—*Tubing (Steel, Lock-Seam)

Mohegan Tube Co., Scott av & Meserole, Brooklyn, N. Y.
See adv index at end of book
STANDARD PARTS CO., Cleveland, O.
See adv index at end of book

16119c—*Tubing (Steel, Open Seam)

Mohegan Tube Co., Scott av & Meserole, Brooklyn, N. Y.
See adv index at end of book
STANDARD PARTS CO., Cleveland, O.
See adv index at end of book

16120— Tubing (Structural)

Calumet Steel Co. (Butted & Brazed), 208 S La Salle, Chicago, Ill.
Central Tube Co., Pittsburgh, Pa.
Danville Structural Tubing Co., Danville, Pa.
Elyria Iron & Steel Co. (High Carbon Steel, Butted & Brazed), Cleveland, O.
Keystone Tube Works, Connellsville, Pa.
Mohegan Tube Co., Scott av & Meserole, Brooklyn, N. Y.
See adv index at end of book
National Tube Co., Frick bldg, Pittsburgh, Pa.
WILLIAMS & CO. (INC.), 220-226 Penn av, Pittsburgh, Pa.
See adv index at end of book

16121—Tubing (Swaged & Bent)

American Tube Bending Co., New Haven, Conn.
Consolidated Mfg. Co., Toledo, O.
Detroit Seamless Steel Tube Co., Detroit, Mich.
Mohegan Tube Co., Scott av & Meserole, Brooklyn, N. Y.
See adv index at end of book
Tyler Tube & Pipe Co. (Lap-Welded), Washington, Pa.
WILLIAMS & CO. (INC.), 220-226 Penn av, Pittsburgh, Pa.
See adv index at end of book

16122— Tubing (Tapered)

Mohegan Tube Co., Scott av & Meserole, Brooklyn, N. Y.
See adv index at end of book
Standard Metal Work Co. (For Automobiles, Motor Boat Engines, etc), Thompsonville, Conn.

16123— *Tubing (Tool Steel)

FRASSE PETER A. & CO. (INC.), 417 Canal, New York
See adv index at end of book
WILLIAMS & CO., (INC.), 220-226 Penn av., Pittsburgh, Pa.
See adv index at end of book

16124—Tubing (Wind Shield)

DAHLSTROM METALLIC DOOR CO. (Welded), 35 Blackstone av, Jamestown, N. Y. *See adv index at end of book*
Kawneer Mfg. Co., Grand Rapids, Mich.
Mohegan Tube Co., Scott av & Meserole, Brooklyn, N. Y.
See adv index at end of book

16125— Tubing (Wood)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Hydraulic Press Mfg. Co., Mt. Gilead, O.
Rich Pump Co., South & Depot, Cincinnati, O.

16126— Tubing (Zinc)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Hough W. S. Jr. Co. (Seamless), 61 Peck, Providence, R. I.
MERCHANT & EVANS CO. (Brazed), 2035 Washington av, Phila., Pa.
See adv index at end of book
North American Copper Co., 52 Vanderbilt av, New York

16127— Tubing & Nipples (Gas Lamp)

Norwalk Mfg. Co. (Rubber Tubing), E. Norwalk, Conn.
Pennsylvania Rubber Co., Jeannette, Pa.

16128— Tubs (Bleaching)

Dillon D. M. Steam Boiler Works (For Paper Mills), Fitchburg, Mass.
Union Machine Co., Fitchburg, Mass.

16129— Tubs (Butter)

California Barrel Co. (Lard & Butter Tubs, 433 California, San Francisco, Cal.
Creamery Package Mfg. Co., 61 W Kinzie, Chicago, Ill.
Denio C. E. (Boxes), Hyde Park, Vt.
Elgin Butter Tub Co.. Elgin, Ill.
Hohnsbehn Creamery Supply Co., Waverly, Ia.
Houston J. E., Stowe, Vt.
Hutchins J. C., Montgomery Center, Vt.
Lentz's C. F. Sons, Marysville, O.
Little J. H. Arlington, Ia.
Mason D. E., Fulton, N. Y.
Nelson & Hall Co., Montgomery Center, Vt.
Orcutt B. L. & Sons, Dickinson Center, N. Y.
Parfrey Chas. A., Richard Center, Wis.
Pierpont Mfg. Co., Savannah, Ga.
Spurbeck-Lambert Co., Algona, Ia.
Twin City Separator Co., 29th & Colfax av, South Minneapolis, Minn.
Vermont Butter Tub Co., Barton, Vt.

16130—Tubs (Flower & Plant)

Cordley & Hayes, 7 Leonard, New York

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER

16131—Tubs (Galvanized Iron)

See also Pails, Galvanized Iron

Crunden-Martin Mfg. Co., 2d & Gratiot, St. Louis, Mo.
Republic Metalware Co. The, Buffalo, N. Y.
Rochester Stamping Co., Rochester, N. Y.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.

16132-3—Tubs (Hoisting & Dumping)

See also Buckets, Various Kinds

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
American Hoist & Derrick Co., St. Paul, Minn.
Atlas Car & Mfg. Co., Cleveland, O.
Biehl Iron Works, Inc., Reading, Pa.
Brown Hoisting Machinery Co., 4403 St. Clair N E, Cleveland, O.
Coatesville Boiler Works, Coatesville, Pa.
Dobbie Foundry & Machine Co., Niagara Falls, N. Y.
Focht George Sons, 117-119 Adams, Hoboken, N. J. *See adv index at end of book*
Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
Insley Mfg. Co. (Automatic Concrete), 3500 E St. Clair, Indianapolis, Ind.
Littleford Bros., 444 E Pearl, Cincinnati, O.
Mansfield Engineering Co., The ("Pioneer"), cor. E Market & Penna., Indianapolis, Ind. *See adv index at end of book*
National Iron Co., Duluth, Minn.
Phillips, Doup & Co. ("National"), 60 Pearl, Brooklyn, N. Y.
STEUBNER G. L. IRON WORKS, Queensboro Terminal, Long Island City, N. Y. *See adv index at end of book*
Turl Iron & Car Co. (Inc.), The, 50 Broad, New York. Works: Newburgh, N. Y.
Twin City Separator Co., 29th & Colfax av, So. Minneapolis, Minn.
Union Iron Works, Hoboken, N. J.
Williams G. H. Co., Erie, Pa.

Tubs (Laundry)

Standard Granitine Works, 1752-1756 N Spaulding av, Chicago, Ill.
Wesley Chas. Co., 3126 S Canal, Chicago, Ill.

16134— Tubs (Mash)

Kast Copper & Sheet Iron Co., 91 Main, Buffalo, N. Y.
Leslie Elliott & Co., Paterson, N. J.
Littleford Bros., 444 E Pearl, Cincinnati, O.
Meyer Otto C. & Co., 30 Franklin, Brooklyn, N. Y.
Novelty Steam Boiler Works (Triplet & Jennings), 917 S Howard, Baltimore, Md.
Smith Samuel & Son Co., Paterson, N. J.

16135—Tubs (Mortar, Steel)

JACKSON MFG. CO., Harrisburg, Pa. *See adv index at end of book*
Lansing Co., Lansing, Mich.
Littleford Bros., 444 E Pearl, Cincinnati, O.

16136-7— Tubs (Plant)

Baltimore Cooperage Co. The, cor Hanover & Creek, Baltimore, Md.

16138—Tubs (Self-Dumping)

See also Tubs, Hoisting & Dumping

Focht Geo. Sons, 117-119 Adams, Hoboken, N. J. *See adv index at end of book*
McMyler-Interstate Co., Bedford, O.
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y. *See adv index at end of book*

16139— Tubs (Wash)

Alberene Stone Co. (Soapstone), 223 E 23rd, New York
Atlas Wash Tray Co. (Cement), New Haven, Conn.
Atlas Wash Tray Co. (Cement), New Haven, Conn.
Central Stamping Co., 172 Fulton, New York
McLaughlin Co., Inc., Brockport, N. Y.
National Enameling & Stamping Co. (Galvanized Steel), 411 5th av, New York
Rochester Can Co. (Galvanized Iron), Rochester, N. Y.
Whitaker-Glessner Co. (Wheeling Corrugating Dept., Galvanized Iron), Wheeling, W. Va.

16140—Tubs (Wire Cleaning)

Morgan Construction Co., Worcester, Mass.

16141— Tubs (Wood)

See also Tubs, Butter

Cullen & Vaughn Co., 450 Dayton, Hamilton, O.
Menasha Wooden Ware Co. (Shipping, etc), Menasha, Wis.
Richmond Cedar Works ("Anchor Brand" White Cedar Wash, Tree, Butter, Ice Cream, Packing, etc), Richmond, Va.

16141a—*Tubular Parts for Motor Cars

STANDARD PARTS CO., Cleveland, O. *See adv index at end of book*

16142— Tufts (Mattress)

GENERAL SUPPLY CORP. (Leather), Worcester, Mass.
Hubley Gordon A. (Leather), Worcester, Mass.

16143— Tumblers (Glass)

Athens Glass Co., Morgantown, W. Va.
Beaver Valley Glass Co., Rochester, Pa.
Belgrade Glass Co., Buckhannon, W. Va.
Bryce Bros. Co., Mt. Pleasant, Pa.
Cambridge Glass Co., Cambridge, O.
Canton Glass Co., Marion, Ind.
Central Glass Works, Wheeling, W. Va.
Consolidated Lamp & Glass Co., Coraopolis, Pa.
Co-operative Flint Glass Co., Beaver Falls, Pa.
Crescent Glass Co., Wellsburg, W. Va
Crystal Tumbler Co., Morgantown, W. Va.
Dorflinger C. & Sons, White Mills, Pa., & 36 Murray, New York
Duncan & Miller Glass Co., Washington, Pa.
Economy Tumbler Co., Morgantown, W. Va.
Federal Glass Co., Columbus, O.
Fostoria Glass Co., Moundsville, W. Va.
Fry H. C. Glass Co., Rochester, Pa.
Hawkes T. G. & Co., Corning, N. Y.
Hazel Atlas Glass Co. (Pressed), Wheeling, W. Va.
Helsey A. H. & Co., Newark, O.
Huntington Tumbler Co., Huntington, W. Va.
Indiana Glass Co., Dunkirk, Ind.
Jenkins D. C. Glass Co., Kokomo, Ind.
Lancaster Glass Co., Lancaster, O.
McKee Glass Co., Jeannette, Pa.
Monongah Glass Co., Fairmont, W. Va.
Ripley & Co., 123 7th, Pittsburgh, Pa.
Rochester Tumbler Co., Rochester, Pa.
Seneca Glass Co., Morgantown, W. Va.
U. S. Glass Co., S 9th & Bingham, Pittsburgh, Pa.
Wellington Glass Co., Cumberland, Md.

16144—Tumblers (Hard Rubber)

American Hard Rubber Co., 9 Mercer, New York
Tyer Rubber Co., Andover, Mass.

16144a— *Tumeric

Innis Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*

16145—Tungstate of Ammonia

Mineral Product Mfg. Co., Equitable bldg, Wilmington, Del.
YORK METAL & ALLOY CO., York Pa.

16145a— Tungstate of Soda

Mineral Product Mfg. Co., Equitable bldg, Wilmington, Del.
Primos Chemical Co., Primos, Pa.
YORK METAL & ALLOY CO., York Pa.

Tungsten

See Ferro-Tungsten

16146—Tungsten (Aluminum)

Mineral Product Mfg. Co., Equitable bldg, Wilmington, Del.
Seligman Arthur (Imp.), 165 B'way, New York

16146a— Tungsten Metallic

Foote Mineral Co., 109 N 19th, Phila., Pa.
Lavino E. J. & Co., Bullitt bldg, Phila., Pa.
Manhattan Reduction Co., 165 B'way, New York
Pfanstiehl Co., No. Chicago, Ill.

16147— Tungsten (Nickel)

Mineral Product Mfg. Co., Equitable bldg, Wilmington, Del.

16147a— *Tunnel Kilns

DIDIER-MARCH CO. (Continuous Railroad Tunnel Kilns), Perth Amboy, N. J.

16147b—Tunnel Shields (Iron & Steel)

Harlan & Hollingsworth Corp. (For Tunnel & Subway Const.), Ft. West, Wilmington, Del.

16148—*Turbine Blading & Calking Materials

AMERICAN BRASS CO., Waterbury, Conn. *For branch offices see adv index at end of book*
WILLIAMS & CO. (INC.), (Blading Monel Metal) 220-226 Pittsburgh, Pa. *See adv index at end of book*

16149—Turbine Water Wheels

See also Water Wheels

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Barnard & Leas Mfg. Co. ("Moline-McCormick"), Moline, Ill.
Bartley Wm. & Sons ("The Watertight"), Bartley, N. J.
Blake H. & Son, East Pepperell, Mass.
Chase Turbine Mfg. Co., Orange, Mass.
Christiana Machine Co., Christiana, Pa.
Davis Foundry & Machine Works, Rome, Ga.
Dayton Globe Iron Works Co., Dayton, O.
DeLoach Mill Mfg. Co., Bridgeport, Ala.
Ephrata Foundry & Machine Works, Ephrata, Pa.
Eyster, Weiser & Co., York, Pa.
Fitz Water Wheel Co., Hanover, Pa.
Gerdes & Co., 42 Church, New York. *See adv index at end of book*
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
Holyoke Machine Co. ("Hercules"), Worcester, Mass.
Humphrey Machine Co. ("I. X. L." & "X-L-C-R"), Keene, N. H.
Hunt Rodney Machine Co. ("Hunt-McCormick"), Orange, Mass.
Jolly J. & W., Holyoke, Mass.
Lane Mfg. Co. ("Monitor"), Montpelier, Vt.
Leffel Jas. & Co. ("Samson"), 500 Lagonda, Springfield, Ohio.
Mine & Smelter Supply Co. ("De Remer"), 42 B'way, New York
Morris I. P. Co. ("Francis" & "Girard" Type), Beach & Ball, Phila., Pa.
Munson Mill Machinery Co. ("Little Giant"), Utica, N. Y.
Pelton Water Wheel Co., 19th & Harrison, San Francisco, Cal., & 90 West, New York
Platt Iron Wks. Co. ("Victor," "Frances"), Dayton, O.
Poole Engng. & Mach. Co., Woodberry Sta., Baltimore, Md.
Salem Foundry & Machine Works ("Ajax") Salem, Va.
Sergeant Mfg. Co., Greensboro, N. C.
SMITH S. MORGAN CO. ("Smith," "McCormick" & "New Success"), York, Pa. *See adv index at end of book*
Trump Mfg. Co., Springfield, O.
United Iron Works ("Tutthell"), San Francisco, Cal.
Wellman-Seaver-Morgan Co., Cleveland, O.

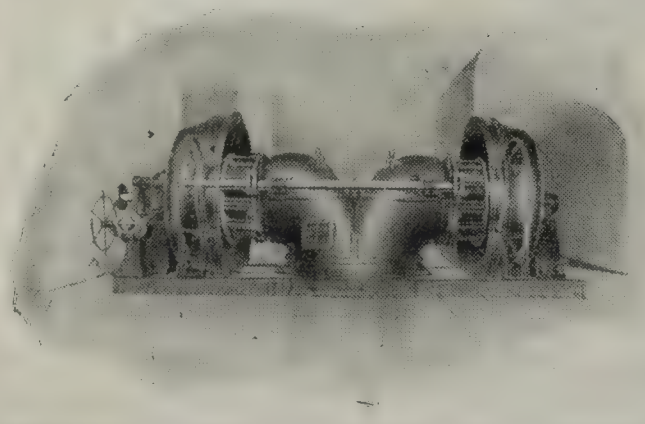
16150— Turbines (Air)

Aurora Automatic Machy. Co. ("Thor"), 1307 So Michigan av, Chicago, Ill.

S. MORGAN SMITH CO., York, Pa.

BUILDERS OF HIGH GRADE WATER POWER MACHINERY

TO MEET ALL REQUIREMENTS BETWEEN 5′ and 600′ HEAD



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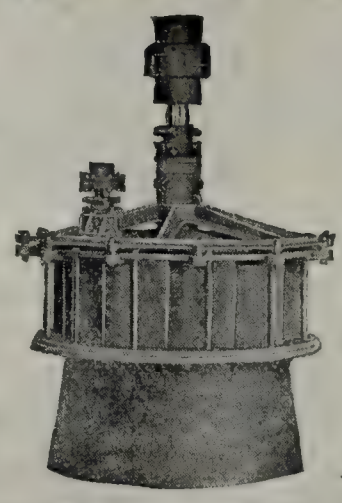

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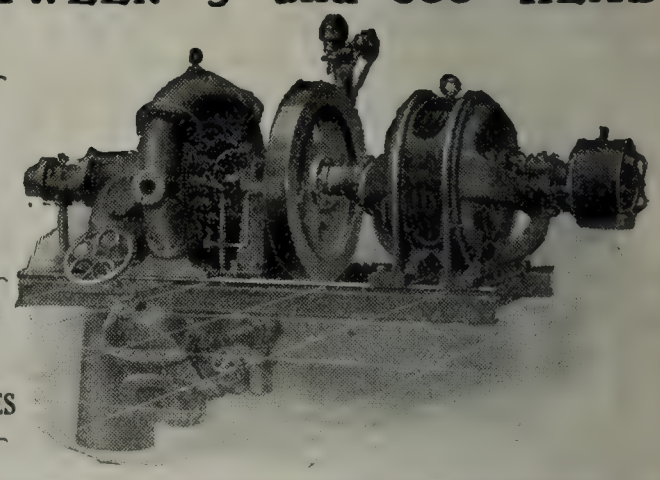


If interested Write for Catalog "U."

16151—Turbines (Automatic High & Low Pressure Steam)

DE LAVAL STEAM TURBINE CO., East Trenton, N. J.
See adv index at end of book

16151a—*Turbines (Back Pressure Steam)

DE LAVAL STEAM TURBINE CO., East Trenton, N. J.
See adv index at end of book

16151b—*Turbines (Belted Steam)

DE LAVAL STEAM TURBINE CO., East Trenton, N. J.
See adv index at end of book

16151c—*Turbines ("Bleeder" Steam)

DE LAVAL STEAM TURBINE CO., East Trenton, N. J.
See adv index at end of book

16151d—*Turbines (Extraction, Steam)

DE LAVAL STEAM TURBINE CO., East Trenton, N. J.
See adv index at end of book

16151e—*Turbines (Geared Steam)

DE LAVAL STEAM TURBINE CO., East Trenton, N. J.
See adv index at end of book

16152—Turbines (Hydraulic)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Holyoke Machine Co., Worcester, Mass.
Morris I. P. Co., Beach & Ball, Phila., Pa.
SMITH S. MORGAN CO. ("Smith," "McCormick" & "Success"), York, Pa.
See adv index at end of book
Wellman-Seaver-Morgan Co., Cleveland, O.

16152a—*Turbines (Low Pressure Steam)

DE LAVAL STEAM TURBINE CO., East Trenton, N. J.
See adv index at end of book

16153—*Turbines (Marine)

WESTINGHOUSE ELECTRIC & MFG. CO. ("Westinghouse" Type), East Pittsburgh, Pa.
See adv index at end of book

16153a—*Turbines (Mixed Flow Steam)

DE LAVAL STEAM TURBINE CO., East Trenton, N. J.
See adv index at end of book

16153b—*Turbines (Multistage Steam)

DE LAVAL STEAM TURBINE CO., East Trenton, N. J.
See adv index at end of book

16153c—*Turbines (Pressure Staged Steam)

DE LAVAL STEAM TURBINE CO., East Trenton, N. J.
See adv index at end of book

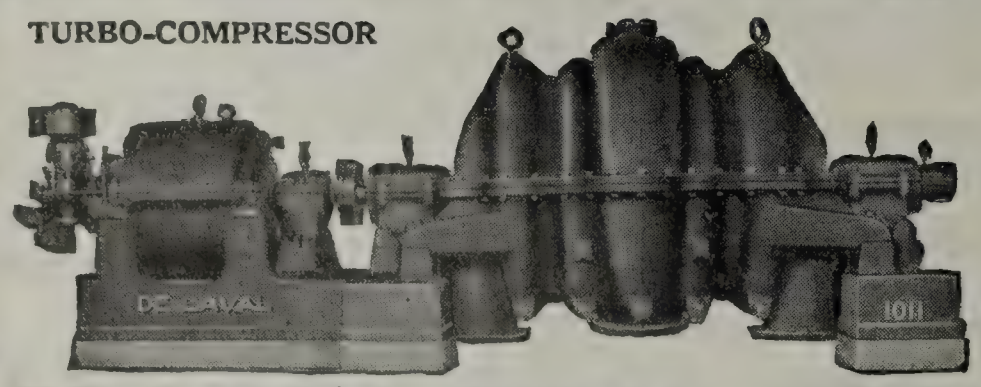
16153d—*Turbines (Slow Speed Steam)

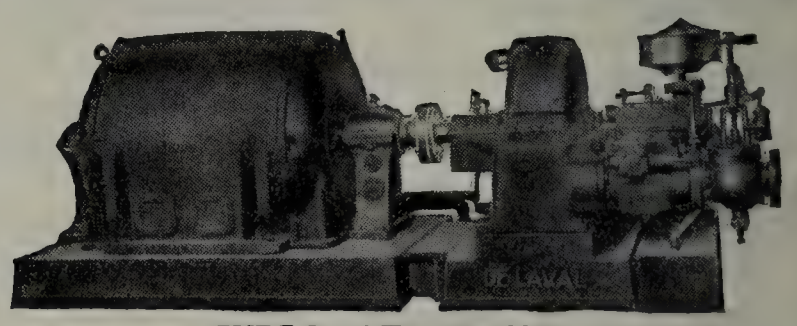
DE LAVAL STEAM TURBINE CO., East Trenton, N. J.
See adv index at end of book

16154— Turbines (Steam)

ALBERGER PUMP & CONDENSER CO. ("Alberger-Curtis"), 140 Cedar, New York
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
American & British Mfg. Co. ("Wilkinson"), Charles, Providence, R. I.
Bath Iron Works, Ltd. ("Parson's) Marine), Bath, Me.
Connecticut Turbine Mfg. Co. (Auxiliary Type, 25 to 500 H. P.), New London, Conn.
Coppus Equipment & Engineering Co. ("Corpus", ½ to 30 H. P.), Worcester, Mass.
DE LAVAL STEAM TURBINE CO., (Single Stage & Multi-Stage for Belt & Rope Drives), East Trenton, N. J.
See adv index at end of book
Emerson Engine Co., Alexandria, Va.
Fore River Shipbuilding Corp. ("Curtis," Marine), Quincy, Mass.
GENERAL ELECTRIC CO. ("Curtis"), Schenectady, N. Y.
See adv index at end of book
Hackenburg Turbine Co., 66 Myrtle av, Flushing, N. Y.
INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*
Kerr Turbine Co. ("Economy" Non-Condensing, Belted & Direct Connected), Wellsville, N. Y.
Moore Steam Turbine Corp., Wellsville, N. Y.
Morris I. P. Co., Beach & Ball, Phila., Pa.
Ohmen Engine Works, 17th & Capp, San Francisco, Cal.
Parsons Marine Steam Turbine Co., 2 Rector, New York
Rateau Battu Smoot Co., 90 West, New York
Ridgeway Dynamo & Engine Co., Ridgeway, Pa.
Southwark Foundry & Machine Co. ("Southwark-Rateau"), 430 Washington av, Philedalphia, Pa.
STURTEVANT B. F. CO., ("Sturtevant") 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
Terry Steam Turbine Co. (Direct Connected to Dynamos, Pump, Blowers, etc), Hartford, Conn.

TURBO-COMPRESSOR





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are built in single-stage, pressure-stage and velocity-stage types for direct connection to electric generators, centrifugal pumps, compressors and for rope or belt drive. For slow and moderate speeds, the DeLaval Helical Speed Reducing Gear is employed, permitting the turbine to run at the best speed for efficiency and simplicity of construction, while the driven machine also operates at the most favorable speed. DeLaval Steam Turbines are suited for operation with high-pressure steam exhausting to condenser or atmosphere or against back pressure, for utilizing low-pressure steam, and for mixed-flow or extraction service **Write for Catalog "D55"**

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Turbine Equipment Co., 50 Church, New York
WESTINGHOUSE ELECTRIC & MFG. CO. ("Westinghouse" Type), East Pittsburgh, Pa. *See adv index at end of book*

16154a—*Turbines (Velocity Staged Steam)

DE LAVAL STEAM TURBINE CO., East Trenton, N. J.
See adv index at end of book

16155— Tureens (Soup)

International Silver Co., Meriden, Conn.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Manning, Bowman & Co., Meriden, Conn.
Wallace R. & Sons Mfg. Co., Wallingford, Conn.

16156— Turmeric

Darragh & Small & Co., Ltd. (Imp), 177 Water, New York.
Fuller & Fuller Co., 540 W Randolph, Chicago, Ill.
Ransom L. E. Co., 271 Pearl, New York

16156a—Turnbuckles (Airplane)

Baker Gun & Forging Co., Batavia, N. Y.

16157—Turnbuckles (Blind)

Reading Hdw. Co. (Also Rim), Reading, Pa.

16158—Turnbuckles (Brass)

Wilcox, Crittenden & Co., Middletown, Conn.

16158a—Turnbuckles (For Aircraft)

Dayton Metal Products Co., Dayton, O.
Dillner-Meyer Mfg. Co., W. Hoboken, N. J.
Erie Specialty Co., 510 W 12th, Erie, Pa.
National Aeroplane Co., 55 Washington blvd, Chicago, Ill.
New York & Hagerstown Metal Stamping Co., Hagerstown, Md.
Standard Screw Co. of Penn., Corry, Pa.
70 Washington, Brooklyn, N. Y.

16159—Turnbuckles (Insulated)

Barnes & Kobert Mfg. Co., Mildale, Conn.
Electrose Mfg. Co. (Single & Multi-Part), 70 Washington, Brooklyn, N. Y.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Line Material Co., So. Milwaukee, Wis.

16160— Turnbuckles (Piles)

Vulcan Iron Works, 327 N Irving av, Chicago, Ill.

16161— Turnbuckles (Pipe)

Marine Hardware-Equipment Co. ("Acme" & "Mheco"), So. Portland, Me.
Wilcox, Crittenden & Co., Middletown, Conn.

16162—Turnbuckles (Screen Door)

National Mfg. Co., Sterling, Ill.

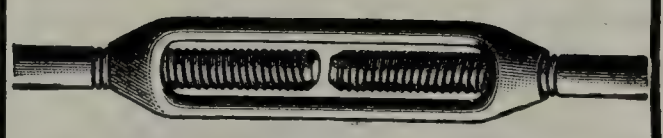
Turnbuckles (Tubular)

See Nuts, Sleeve

16163—Turnbuckles (Wrought Iron)

American Bridge Co., 30 Church, New York
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Auer John Jr. (For Wood or Brick Buildings), 197 Middleton, Brooklyn, N. Y.
Barnes & Kobert Mfg. Co. (Steel), Milldale, Conn.
Bethlehem Steel Co., So. Bethlehem, Pa.
Channon Jas. H. Mfg. Co., 227 W. Erie, Chicago, Ill.
Cleveland City Forge & Iron Co., Cleveland, O.
Fischer & Hayes Rope Co., 602 W Lake, Chicago, Ill. *See adv index at end of book*
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hubbard & Co. (With Welded Eye Bolts), **63rd & Butler, Pittsburgh, Pa.**
Kansas City-Bolt & Nut Co., Kansas City, Mo.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Larkin J. K. & Co. (For Various Purposes), 34 Reade, New York
See adv index at end of book
Laughlin Thos. Co., Portland, Me.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
Marine Hardware Equipment Co., South Portland, Me.
MERRILL BROS. (Drop Forged), 3 Arnold, Maspeth (Borough of Queens), New York. *See adv index at end of book*

TURNBUCKLES



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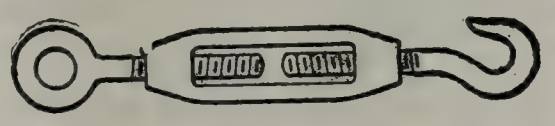
MASPETH,
NEW YORK CITY



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Michigan Bolt & Nut Works (Drop Forged), Detroit, Mich.

MOON GEO. C. CO. ("Crescent"), Garwood, N. J. *See adv index at end of book*
Newhall Chain, Forge & Iron Co., 89 West New York
O'Leary Arthur J. & Son Co., 65th & 57th av, Chicago, Ill.
Republic Iron & Steel Co. ("Brazil" Hexagonal), Youngstown, O.
Rhode Island Tool Co. (Drop Forged Plain & Eye & Hook & Eye), Providence, R. I.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
St. Louis Screw Co., Clarence & Eulwer avs, St. Louis, Mo.
Steel Car Forge Co., Pittsburgh, Pa.
Strieby & Foote Co. (Drop Forged Steel), 301 Ogden, Newark, N. J.
Wilcox, Crittenden & Co., Middletown, Conn.

16164—*Turnbuckles (Wrought Iron Truss)

MERRILL BROS. (Drop Forged), 3 Arnold, Maspeth (Borough of Queens), New York. *See adv index at end of book*

16165— Turn Buttons

Diehl Novelty Co. ("Diehl" Inside for **Storm Sash & Screen), Glenbeulah, Wis.**

16166— Turners (Cake)

Arcade Mfg. Co. (Steel Blade, wood handle), Freeport, Ill.
Browne & Dowd Mfg. Co., Meriden, Conn.
Buffum Tool Co. ("Swastika" for Griddle Cakes), South Side, Louisiana, Mo.
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Catawissa Specialty Mfg. Co. (Turner & Greaser), Catawissa, Pa.
Central Stamping Co., 174 Fulton, New York
Fischer Bros. & Cornwin, 635 N 3rd, Newark, N. J.
GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis. *See adv index at end of book*
Hamblin & Russell Mfg. Co. ("Crown"), Worcester, Mass.
Hills Edwin, Plainville, Conn.
Knickerbocker Mfg. Co., Belleville, N. J.
Kohler Die & Specialty Co., De Kalb, Ill.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Landers, Frary & Clark, New Britain, Conn.
Meriden Cutlery Co., Meriden, Conn.
National Enameling & Stamping Co., 411 5th av, New York
Parks & Parks, Troy, N. Y.
Potter Mfg. Co. ("Potter"), Geneva, O.
Republic Metalware Co. (The), Buffalo, N. Y.
Standard Aluminum Co. (Aluminum), Two Rivers, Wis.
White Ira F. & Son Co., Bloomfield, N. J.

16167—*Turners (Wood, Automatic & Variety)

ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*

16167a— Turnings (Wood)

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See adv index at end of book

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16167b— *Turnpins (Plumbers)

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See adv index at end of book

16168— Turns (Cupboard)

Allith-Prouty Co. ("Prouty"), Danville, Ill.
Barrows Lock Co., Lockport, Ill.
Brass Goods Mfg. Co., 533 Union, Brooklyn, N. Y.
Corbin P. & F., New Britain, Conn.
Dent Hardware Co., Fullerton, Pa.
Frantz Mfg. Co., Sterling, Ill.
Hardware Supply Co., Grand Rapids, Mich.
Lawrence Bros. (All Steel), Sterling, Ill.
National Mfg. Co. (Pressed Steel or Brass), Sterling, Ill.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sager Lock Co., North Chicago, Ill.
Sargent & Co., New Haven, Conn.
Sharon Hardware Mfg. Co. (Pressed Steel), Sharon, Pa.
Shelby Spring Hinge Co., Shelby, O.
Taylor & Boggis Foundry Co., Cleveland, O.
Thayer Mfg. Co., Williamsburg, Mass.

16169— Turnstiles

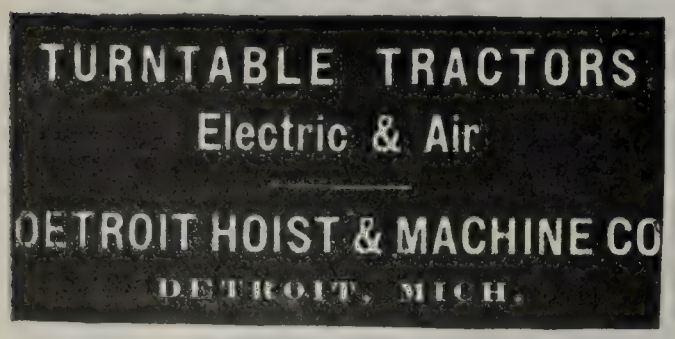
American Passimetry Factory (Registering), 529 B'way, New York
Bright H. V. (Registering), Cleveland, O.
Fiske J. W. Iron Works, 80 Park pl, New York
Lutz-Webster Engineering Co., 3105 Gray's Ferry av, Phila., Pa.
Moore Edgar M. & Co. (Exit), Farmers' Bank bldg, Pittsburgh, Pa.
PEREY MANUFACTURING COMPANY, INC. ("Perey"), 30 Church, New York
Percy Mfg. Co. (Registering), 30 Church, New York
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Snow Wire Works Co. (Registering), Rochester, N. Y.

16170—Turntable Equipments

Nichols Geo. P. & Bro. (Electric, Gasoline & Air), Old Colony bldg, Chicago, Ill.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.

16171—Turntable Tractors (Electric & Air)

DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*



NICHOLS GEO. P. & BRO. (Electric Only), Old Colony bldg, Chicago, Ill.
Weir & Craig Mfg. Co. ("J. L. Pilling" Patents), 2421 Wallace, Chicago, Ill.

16171a— *Turntables

See also following headings
Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

16172—Turntables (Automobile)

American Bridge Co., 30 Church, New York
Atlas Car & Mfg. Co., Cleveland, O.
Beach L. C. Auto Turntable Co., St. Johns, Mich.; 50 Church, New York
Bicycle Step Ladder Co., 6 W Randolph, Chicago, Ill.
Cambridge Iron Works, Cambridge, Mass.
Canton Foundry & Machine Co. ("Universal"), Canton, O.
Ernst C. K. ("Ernst"), Buffalo, N. Y.
Gibbs-Brower Co. (Sterling-Elliott), 261 B'way, New York
Lansing Co., Lansing, Mich.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
Pitless Auto Turntable Co. (Pitless), Kansas City, Mo.
Portland Garage Co. ("Portland" Washstand Combined), Portland, Me.
Roanoke Iron Works, Roanoke, Va.
Smith G. W. & F. Iron Co., Gerard, Rox, Boston, Mass.
Smith H. Lund, Paterson, N. J.
Zering H. Mfg. Co., Cincinnati, O.

16173—*Turntables (Automobile Washstand)

LINK-BELT COMPANY, 39th & Stewart av, Chicago, Ill. & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

16173a— *Turntables (Ball Bearing)

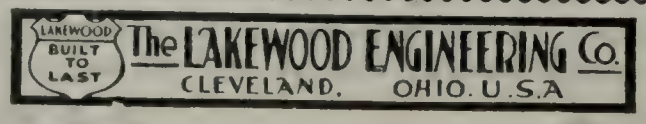
Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

16174—Turntables (Industrial Railway)

See also Turn Tables, Standard Gauge; also Tables, Transfer
Atlas Car & Mfg. Co. (Locomotive, etc), Cleveland, O.
Atlas Engineering Co., Amherst, O.
See adv index at end of book
Bonnot Company, Canton, O.
Canton Foundry & Machine Co. ("Universal"), Canton, O.
Chambers Bros. Co. (For Brick Yards, etc), 52d bel Lancaster av, Phila., Pa.
Chase Foundry & Mfg. Co., The, 2700 Parsons av, Columbus, O.
See adv index at end of book
EASTON CAR & CONSTRUCTION CO., 15 Center sq, Easton, Pa.
See adv index at end of book
Howe Scale Co. of Illinois, 1315 S Wabash av, Chicago, Ill.
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
Lake Shore Engine Works, Marquette, Mich.
LINK-BELT COMPANY (Ball Bearing), 39th & Stewart av, Chicago, Ill. & Hunting Park av & P & R Ry, Phila., Pa. *See adv index at end of book*
Lobdell Car Wheel Co., G nr Christiana, Wilmington, Del.
Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.
Nazareth Foundry & Machine Co., Nazareth, Pa.
NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Russel Wheel & Foundry Co., Detroit, Mich.
Stuebner G. L. Iron Wks., Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Turl Iron & Car Co. (Inc.) The, 50 Broad, New York. Works: Newburgh, N. Y.
United Iron Works Co., Kansas City, Mo.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.
Youngstown Steel Car Co., Youngstown, Ohio

16175—*Turntables (Locomotive, Air, Electric & Hand Power)

CHICAGO BRIDGE & IRON WORKS, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book



16176—Turntables (Overhead)

Atlas Car Mfg. Co., Cleveland, O.
CAMERON ENGINEERING CO., East Stroudsburgh, Pa.
Harrington Edw. Son & Co., 17th & Callowhill, Phila., Pa.
Richards-Wilcox Mfg. Co., Aurora, Ill.
Roeker Crane & Hoist Works, Reading, Pa.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.
Yale & Towne Mfg. Co. (Trolley), 9 E 40th, New York

16177—Turntables (Pressed Steel)

Steacey-Schmidt Mfg. Co., York, Pa.

16178—Turntables (Show Case)

Pearce Fred'k Co., 20 Rose, New York

16179—Turntables (Standard Gauge)

See also Turntables, Industrial Railway; also Tables, Transfer; also Tables, Transfer, Electric
American Bridge Co., 30 Church, New York
Boston Bridge Works (Railroad Turntables, etc), 47 Winter, Boston, Mass.
CHICAGO BRIDGE & IRON WORKS, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book
Clinton Bridge Works, Clinton, Ia.
Fulton Foundry Co. (Turn Tables Only), 1209 Marquette av, Cleveland, O.
King Bridge Co., Cleveland, O.
McClintic-Marshall Company, Oliver bldg., Pittsburgh, Pa.
Missouri Valley Bridge & Iron Co. (A. J. Thullock, Prop.), Leavenworth, Kan.
N. Y. Switch & Crossing Co., Hoboken, N. J.
Penn. Bridge Co., Beaver Falls, Pa.
Philadelphia Turntable Co., New Castle, Del.
Republic Iron & Steel Co., Oliver bldg, Pittsburgh, Pa.
Sellers Wm. & Co. (Locomotive), 1600 Hamilton, Phila., Pa.
Strobel Steel Construction Co., Monadnock Blk, Chicago, Ill.
Virginia Bridge & Iron Co., Roanoke, Va.

16180— Turpentine

ALABAMA.

ANDALUSIA—Ashe-Carson Co.
Sightler, L. H.
MOBILE—Taylor, Lowenstein & Co.

CALIFORNIA.

SAN FRANCISCO—Noble Electric Steel Co., 995 Market

FLORIDA.

APALACHICOLA—Buck J. F.
Hays N. R.
Lagoon Co.
BAKERS MILLS—Vickers & Sandlin
BALDWIN—**Boyd & Saucer**
Saucer-Boyd & Co.
BARBERVILLE—Tatum & Conrad
Phila., Pa.
BARTOW—Morrison & Levanair
BELLE ISLE—Covington W. H. Co.
BELLEVIEW—Mayo Turpentine Co.
BENTON—Joyner & Jones
BLACKMAN—Monroe W. H.
BONIFAY—Britt Bros.
Clark & Co.
BOWLING GREEN—Lewis, Baldwin & Co.
BOYETT—Carter F. M. & Co.
BRANFORD—Osceola Turpentine Co.
BRISTOL—Bristol Naval Stores Co.
BUCKHORN—Gaskin & Hentz
BULOW—Bulow Turpentine Co.
CHAMPAIGN—Palmer J. J.
CHARLOTTE HARBOR—Hall R. S. & Co.
CHERRY LAKE—Hardee & Coody
DE FUNIAK SPRINGS—Graves-Tatum Co.
Walton Land & Timber Co.
DE LAND—Tomoka Land Co.
DUPONT—Dupont Land Co.
Haw Creek Turpentine Co.
EDGE—McCormick D. G. Co.
ELLZEY—Graham D. S. & Co.
ENVILLE—Weeks P. L. & Co.
FARMDALE—Taylor, Davis & Co.

FENHOLLOWAY—Mallory Bros. & Turner
FERNANDINA—Shellbine Turpentine Co.
FORT MEADE—Morrison & McIntyre
FREEPORT—McCaskill J. J. Co.
GAINESVILLE — Stringfellow J. D. (Wood)
Stringfellow & Ganey
GREEN COVE SPRINGS—National Pulp & Turpentine Co.
Shands T. W. & Co.
Smith Turpentine Co.
GRIFFIN—Kelly J. K. & Co.
GULL POINT—Pensacola Tar & Turpentine Co.
HAINES CITY—Malloy & Miller
HAMPTON SPRINGS—Malloy, Smith & Co.
HARPER—Eryan-Metcalf Co.
HAVANA—Horne & Butler
HAYS—Hays & Murdaugh
HERNANDO—Clark-Ray-Johnson Co.
HERNDON—Powell Bros.
HOLDER—Robinson T. W.
HOLLEY—Bell O. C.
HOSFORD—Graves Bros. Co.
HUNTINGTON—Ganos & Smith
HURDS—Williams & Williams
JACKSONVILLE — Consolidated Naval Stores Co.
Herty Turpentine Cup Co.
Peninsular Naval Stores Co.
West E. E.
JANNEY—Suwanee Turpentine Co.
JASPER—Sandlin J. R.
KISSIMMEE—Drew Miller & Co.
LACOOCHEE—Dutton J. W. & Co.
LAKE BUTLER—Townsend J. W.
LARGO—Ulmer M. W.
LAWTEY—Bostwick, Harley & Co.
LEBANON—King R. M. Lumber Co.
West & Co.
LEE—Baldwin & Lewis
LESSIE—Gross J. H. & Co.
LOUGHMAN—Bessinger & Co.
Deen Turpentine Co.
McINTYRE—Cochran & Phillips
MICANOPY—Micanopy Turpentine Co.
MILLCREEK—Omstead O. J.
MILTON—Barber Turpentine Co.
MONTICELLO—Bryan N. C.
McClellan James A.
MOSELEY HALL—Jordan, Millinor & Co.
MOSSY HEAD—Ginsberg S.
NEW SMYRNA—Glencoe Turpentine Co.
OAK—Stuckey & Tiller Co.
O'BRIEN—Peterson W. R.
OCALA—Hall R. S. & Co.
ODESSA—Gulf Pine Co.
PERRY—Hinely & Marable
Holmes Jas. & Son
RAIFORD—Padgett P. M. & Co.
RICHLAND—Johnson & Williams
ROCKBLUFF—Rockbluff Co.
RODMAN—Rodman Turpentine Co.
SAGANO—Weeks J. S. & Sons
SAN ANTONIO—McLeod Geo. A.
SINCLAIR—Meldrim & Sinclair
SUMATRA—Fryer R. D.
TAFT—Sphaler W. G.
THELMA—Blue Creek Co.
VILAS—New River Turpentine Co.
WAUCHULA—Petteway Turpentine Co.
Ratliff D. O.
WEBSTER—Getzen J. C.
WILDWOOD—McRainey & Bridges
WILLISTON—Hinson C. & Co.
WINTER GARDEN—McKinnon D.
WOODVILLE—Rhodes G. W.
Williamson & Co.

GEORGIA.

ALBANY—Tyler C. B.
ALTAMAHA—Tippins John U.
ARLINGTON—Newberry Isaac
AUTREYVILLE—Autrey & Tyndall
BAXLEY—Graham Mrs. S. C. & Son
BLAKELY—McLendon R. R.
Sheffield R. H.
BLITCHTON—Blitch T. N.
BLUFFTON—Hattaway & Co.
BUENA VISTA—Hagan, Lane & Co.
CAMILLA—McRee & McNeil
CLIMAX—Peacock & Co.
CLITO—McDougal Outland & Co.
COLQUITT—Fudge F. E.
Shingler J. S. & Bro.
CUTTING—Georgia Lumber & Turpentine Co. (Wood Spirits of Turpentine)
CYRENE—Hodges C. S.
DAISY—Tippins A. L.
DAMASCUS—Haddock, Talliferro & Co.
DONALDSONVILLE—Shingler G. P. & Co.
Shingler T. J. & Bros.
EDEN—Fetzer G. W.
FENDIG—McKinnon L. T. & Co.
GRAHAM—Userv L. C. & Co.
HAHIRA—Malloy D. C. & Co.
HALCYON DALE—Evans I. H.
Sharpe W. H.
HAZELHURST—Hall J. F.
HELENA—McMillan & Johnson
HERSHMAN—Wade J. T.
HOMERVILLE—Barnhill J. F.
Ferndon J. H.
Peagler H. M.
IRON CITY—Hagan G. W.
Rabon J. D.
JACKSONVILLE—Florida Wood Products Co.
Lott W. W.
KINDERLOU—Young-Burton Co.
LEARY—Williams B. B.
LEXSY—Youmans Bros.
McDONALD—Tanner & Gillis
McGREGOR—McArthur W. T.
MEIGS—Carter J. N.
MILLTOWN—Brigman, Shingler & Co.
Byrd J. L. & Co.
MINEOLA—Mineola Naval Stores Co.
MOULTRIE—Moore & Horkan
NEWINGTON — Newington Naval Stores Co.
NIELLY (P. O. at Lumber City)—Smith, T. J.
NORMAN PARK—Norman Bros.
Norman M. D. & J. T.
Norman R. L.
ODUM—O'Quinn W. J. & Sons
PELHAM—Moore, Prince & Co.
QUITMAN—De Soto Co.
REGISTER—Register F. P. Co.
ROCKY FORD—Finch D. C.
ST. GEORGE—Roberts E. J. & Son
St. Mary's Naval Stores Co.
SALE CITY—Jones A. T. & H. H.
SAVANNAH—Antwerp Naval Stores Co.
Chatham Mfg. Co.
Columbia Naval Stores Co., Savannah, Ga.
London-Savannah Naval Stores Co.
STATESBORO—McDougald J. A.
Williams, Outland & Co.
STOCKTON—Fry E. Y.
SUMNER—Phillips & Guest
SURRENCY—Ross J. A.
SYLVANIA—Mallory W. A. & Bro.
Pfeiffer C. B. (Est. of)
THOMASVILLE—Floyd & Lee
VALDOSTA—Shaw & Truelove
VIDALIA—Peacock, Kelly & Co.
WHITE OAK—McKinnon & McCarthy
WORTH—Pate & Co.

ILLINOIS.

CHICAGO—Adams Fred C. (Mfrs', Agt, Gum Turpentine & Wood Turpentine) 234 S La Salle.
Central Commercial Co. (Jobbers), 111 N Market

IOWA.

DES MOINES—Ankenev Linseed Mfg. Co., (Jobbers)

LOUISIANA.

COVINGTON—Jones & Pickett
Picayune Turpentine Co.
DE RIDDER—Long Bell Naval Stores Co.
ELIZABETH—Producers' Turpentine Co.
NEW ORLEANS—Forest Products Co., 1212 Whitney
Naval Stores Equipment (Jobbers), Canal Bank bldg

MAINE.

PORTLAND—Brown Corp. ("La Tuque")

MICHIGAN.

CADILLAC—Cadillac Turpentine Co.

MINNESOTA.

ST. PAUL—American Linseed Co., 794 Hampden av

MISSISSIPPI.

HATTIESBURG — Hattiesburg Wood Reduction Co.

MISSOURI.

ST. LOUIS—Pierce Oil Corp., Bank of Com. bldg

NEW YORK.

NEW YORK—Barclay Naval Stores Co. (Wood & Gum Spirits), 44 Whitehall
Casey John A. Co. (Jobbers), 144 Maiden la
Fuller Ralph L. & Co., Inc., 2 Rector
See adv index at end of book
GENERAL NAVAL STORES CO., INC. ("Newport"), 90 West
Georgia Pine Turpentine Co. (of New York) ("Turpyne" Wood), 160 Perry
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Larendon M. W. & Co. (Jobbers), 82 Wall
National Aniline & Chemical Co., Inc. (Imp. Russian & Venico), 21 Burling Slip
National Rosin Oil & Size Co., 90 West
Rosin & Turpentine Export Co. (Dlrs.), 26 Cortlandt
Sealy Thomas (Jobbers "Pine Tree," "Standard," "Paragon," Spirits, 138 Front
Turton C. B. Co. (Jobbers), 16 Exchange pl

NORTH CAROLINA.

ANGIER—Williams J. C. & B. F.
CANTON—Champion Fibre Co.
MANLEY—Buchan P. F.
NEWBERN—Ellis Mrs. E. B.
WILMINGTON—Martin Wm. A. & Co. (Spirits)
Morton Geo. L. Co.
National Wood Products Co.
Grimes J. A.

OHIO.

CINCINNATI—Winkler Isaac & Bro. (Jobbers), 1st Nat'l Bank bldg
CLEVELAND—Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
HAMILTON—Champion Fibre Co.

PENNSYLVANIA.

GLENSHAW — Brazilian Turpentine Co. (Ltd.)
PHILADELPHIA—Boley C. H. Co. 3722 N. Randolph
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
PITTSBURGH—Ball Chemical Co. ("B. C. Spirits") Fulton bldg

SOUTH CAROLINA.

GEORGETOWN—Cannon B. W.
Southern Extracting Co.

WISCONSIN.

MILWAUKEE—Newport Turpentine & Rosin Co.

16181—Turpentine (Mineral)

Waverly Oil Works Co. ("Tur-Min-Tine"), Pittsburgh, Pa.

16182—Turpentine Substitute

Alcatraz Co., Inc. (Turpentine), 3200 Williamsburg av, Richmond, Va.
Atlantic Turpentine & Pine Tar Co., Savannah, Ga.
Baker Wm. T. ("Pinatine"), 224 Suydam av, Jersey City, N. J.
Boley C. H. Co. ("Quaker" Gum Spirits), 3722 N Randolph, Philadelphia, Pa.
Burbank & Ryder (Varnish Crown Spirits), Boston, Mass.
Canfield Oil Co., Cleveland, O.
Climax-Western Oil Co. ("Turpolene" Spirits), 2824 10th av S, Minneapolis, Minn.
Garnet Co., The ("Turpsoid"), Allentown, Pa.
Patton Paint Co. ("Leptyne"), Milwaukee, Wis.

TURPENTINE SUBSTITUTE—continued
Sun Co., Finance bldg, Philadelphia, Pa.
Terabentine Co. ("Diamond T. Turpalin"), Commercial Trust bldg, Philadelphia, Pa.
Texas Co., 17 Battery pl, New York
Turpsene Mfg. Co. ("Turpsene"), 1901 Callowhill, Phila., Pa.
WAVERLY OIL WORKS CO. ("Tur-Min-Tine"), Pittsburgh, Pa.

16183—Turret Attachments

Bradford Machine Tool Co., Cincinnati, O.
Goodell-Pratt Co., Greenfield, Mass.
Hendey Machine Co. ("Hendey" for Engine Lathes), Torrington, Conn.

16184-5—Turrets (Tool-Post)

Carson & Hertwig (Cross-Slide), 25 Hackett, Newark, N. J.
Newman Mfg. Co., 717 Sycamore, Cincinnati, O.

16186— Tuyeres & Coolers

Ajax Metal Co., 46 Richmond, Philadelphia, Pa.
Atlas Engineering Co. (Gas Producer Tuyeres), Amherst, O.
See adv index at end of book
Bronze Age Metal Co., 5323 Butler, Pittsburgh, Pa.
Glib V. & Son (Copper), Birmingham, Ala.
Hartman Co., 1231 N Front, Phila., Pa.
Keystone Bronze Co., Pittsburgh, Pa.
Lawrenceville Bronze Co. (Also Notches), Bessemer bldg, Pittsburgh, Pa.
Mackenzie's Duncan Sons Co., Trenton, N. J.
More-Jones Brass & Metal Co. (Copper), B'way & Dock, St. Louis, Mo.
Smeeth-Harwood Co., 2401 W 22nd, Chicago, Ill.

16187— Tweezers

Adell Mfg. Co. ("Tolman"), Orange, Mass.
Arlington Works, The (E. I. du Pont de Nemours & Co.), 21 E 40th, New York
Boettiger Louis A. Co. (Hair), 48 Leonard, New York
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Ross Jos. & Co., Irvington, N. J.
Schnefel Bros., 684 S 17th, Newark, N. J.

16188-9—Tweezers (Piano Makers')

Kraeuter & Co., 583 18th av, Newark, N. J.

16190—*Twin Bolts (For Hollow Walls, Metal, Etc.)

DIAMOND EXPANSION BOLT CO. ("Diamond"), 89 West, New York
See adv index at end of book

16191— Twine (Binder)

See also Binder, Twine
(We do not list State Penitentiaries)

American Mfg Co. (Sisal & Manila & Jute) Noble & West, Brooklyn, N. Y.
Chelsea Fibre Mills, 212 5th av, New York
COLUMBIAN ROPE CO., 3050 Genesee, Auburn, N. Y.
See adv index at end of book
Fitler Edwin H. Co., 517 Arch, Phila., Pa.
Groendyke J. C. (Manila & Sisal), 8 S Dearborn, Chicago, Ill.
Hooven & Allison Co. ("Star-A H."), Xenia, O.
Indianapolis Cordage Co. (Manila & Sisal), Indianapolis, Ind.
International Harvester Co. of America (Inc.), (Champion "Deering," "Milwaukee," "McCormick," "Osborne," "Peano-International," Five Grades—Standard, Sisal, Extra Manila, Pure Manila), 702 Harvester bldg, Chicago, Ill.
Jackson Thos & Son Co. (Manila & Sisal), Reading, Pa.
Kelly R. A. Co., Xenia, O.
Kentucky River Mills (Hemp), Frankfort, Ky.
New Bedford Cordage Co. (Jute), New Bedford, Mass.
Peoria Cordage Co. (Sisal & Manila), Peoria, Ill.
Portland Cordage Co. (Flat) 14th & Northrup, Portland, Ore.
Tubbs Cordage Co., Kohl bldg, San Francisco, Cal.
Unity Cotton Mills (Cotton), La Grange, Ga.
Wall Rope Works, 48 South, New York
Waterbury Co. (Sisal & Manila), 63 Park Row, New York
Whitlock Cordage Co., 46 South, New York

16192—*Twine (Box & Shook)

COLUMBIAN ROPE CO., 3050 Genesee, Auburn, N. Y.
See adv index at end of book

16193— *Twine (Broom)

COLUMBIAN ROPE CO., 3050 Genesee, Auburn, N. Y.
See adv index at end of book

16194— Twine (Cotton)

Ackerly Paul, Vernon, Conn.
AMERICAN BAG CO. (also Twine & Burlap), 3d & Harrison, Oakland, Cal.
Atkins & Pearce Mfg. Co., 5th & Eggleston av, Cincinnati, O.
Barrows Mfg. Co., Lansdale, Pa.
Beaumont Mfg. Co., Spartanburg, S. C.
Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.
Bibb Mfg. Co., Macon, Ga.
California Cotton Mills Co., Oakland, Cal.
Canonchet Line & Twine Co., Canonchet, R. I.
Cayuga Linen & Cotton Mills, Auburn, N. Y.
Central Mills Co., Southbridge, Mass.
Cleveland Mill & Power Co., Lawndale, N. C.
Cutler Mills (Carpet & Knitting), Warren, R. I.
Dexter Yarn Co., Pawtucket, R. I.
Double Shoal Cotton Mill (Wrapping & Sewing), Double Shoal, N. C.
Eagle Cotton Mills Co., Madison, Ind.
Ederer R. J. Co., 341 W Ohio, Chicago, Ill.
Edwards Mills (in Balls), Crawford, Ga.
Ensign Cotton Mills, Forsyth, Ga.
Enterprise Cotton Mills (In Balls), Enterprise, Ala.
Estes Mills, ("D," "W." "B." "A.") Fall River, Mass.
Eureka Cotton Mills, Englewood, Tenn.
Franklin Cotton Mill Co., Plum & Charles, Cincinnati, O.
Fricke J. E. Co., 247 Market, Phila., Pa.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Georgia Cordage Mills, Scottdale, Ga.
Glencoe Cotton Mills, Columbia, S. C.
Grahamton Mfg. Co., Grahamton, Ky.
Gray S. & Co. (Colored), Walpole, Mass.
Greene & Daniels Co. (Druggists), Pawtucket, R. I.
Gulf Bag Co. ("Bemis" Sail), 330 Notre Dame, New Orleans, La.
Hall Lincoln & Co., 154 Milk, Boston, Mass.
Hodson J. M., Boone & Markle, Philadelphia, Pa.
Holden James, Fall River, Mass.
Hooper Sons Mfg. Co., Juniper & Cherry, Phila., Pa.
Hooper W. E. & Sons Co., Maryland Life bldg, Baltimore, Md.
Humboldt Cotton Mills, Humboldt, Tenn.
January & Wood Co., Maysville, Ky.
Johnson R. Yarn & Cordage Mills, Madison, Ind.
Jonesboro Yarn Mills Co., Jonesboro, Tenn.
Knox W. & J. Net & Twine Co., cor Calvert & Lombard, Baltimore, Md.
Lawrence Duck Co., Lawrence, Mass.
Linen Thread Co., 96 Franklin, New York
Louisville Cotton Mills Co., Louisville, Ky.
Mallison Braided Cord Co., Athens, Ga.
Manchester Mfg. Co., Macon, Ga.
Missouri Cotton Yarn Mfg. Co. (Wrapping & Sewing), 300 Lynch, St. Louis, Mo.
Montgomery Cordage Co., Montgomery, Ala
Moore C. & Co., 5th & Market, Philadelphia, Pa.
Mt. Vernon-Woodberry Mills, Continental bldg, Baltimore, Md.
Oakdale Cotton Mills, Jamestown, N. C.
Orange Cotton Mills (Wrapping), Orangeburg, S. C.
Oxford Cotton Mills, Oxford, N. C.
Pelham Mills (In Balls), Pelham, S. C.
Peter & Guckenberger, 1205 Budd, Cincinnati, O.
Pioneer Cotton Mills, Guthrie, Okla.
Rock River Cotton Co., Jonesville, Wis.
Royal River Mfg. Co., Yarmouth, Me.
Southern Mills Corp., Oxford, Ala.
Tallassee Falls Mfg. Co., Tallassee, Ala.
Tennessee Line & Twine Co. (Fancy Colored, on ½ to 60 lb. Tubes), Elizabethton, Tenn.
Thompson Jas. & Co., 112 Prince, New York
Townsend H. C. Cotton Mills (In Balls, also on Cones & Tubes), Anderson, S. C.
Travers Twine & Cordage Co., 81 Warren, New York
Trio Mfg. Co., Forsyth, Ga.
Twine Mills Corp. (White & Colored), Roanoke, Va.
UNION PAPER & TWINE CO., 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bld, Buffalo, N. Y.
See adv index at end of book
Union Twine Co., Canonchet, R. I.
Unity Cotton Mills, La Grange, Ga.
West Huntsville Cotton Mills Co., Huntsville, Ala.
Westport Mfg. Co. (Wrapping), Westport, Mass.
Yocona Mills, Water Valley, Miss.
Young J. B., J. & Levick, Phila., Pa.

16195— Twine (Flax)

American Mfg. Co., West, Brooklyn, N. Y.
Barbour Flax Spinning Co., Paterson, N. J.
Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.
Cable Flax Mills, Schaghticoke, N. Y.
California Cotton Mills Co., Oakland, Cal.
Cating Rope Works, Maspeth, N. Y
COLUMBIAN ROPE CO., 3050 Genesee, Auburn, N. Y.
See adv index at end of book
Fulton Bag & Cotton Mills, Atlanta, Ga.
Linen Thread Co., 96 Franklin, New York
Peter & Guckenberger, 1205 Budd, Cincinnati, O.
Rauschenberger John Co., 87 W Water, Milwaukee, Wis.
Smith & Dove Mfg. Co., Andover, Mass.
Thompson Jas. & Co., 112 Prince, New York
Travers Twine & Cordage Co., 81 Warren, New York
UNION PAPER & TWINE CO., 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bld, Buffalo, N. Y.
See adv index at end of book
Western Linen Co., Duluth, Minn.

16196— *Twine (Ham)

COLUMBIAN ROPE CO., 3050 Genesee Auburn, N. Y.
See adv index at end of book

16197— Twine (Harness)

Allen J. & S. (Linen), Walpole, Mass.
American Thread Co. (Cotton), 260 W B'way, New York
Ballou Thread Co., 189 Charles, Providence, R. I.
Barrows Mfg. Co. (Cotton & Linen), Lansdale, Pa.
Cranston Worsted Mills, Bristol, R. I.
Fawcett Hughes, 115 Franklin, New York
Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
Kreitler Chas. (Linen), Newark, N. J.
McComeskey T., 3731 Frankford, Phila., Pa.
Moore C. & Co. ("Jacquard"), 5th & Market, Philadelphia, Pa.
Smith & Dove Mfg. Co., Andover, Mass.
Winne F. W. & Son, 237 Market, Philadelphia, Pa.

16198— Twine (Hemp)

American Bag Co., 3d & Harrison, Oakland, Cal.
American Mfg. Co. (Indian, Italian & American), West, Brooklyn, N. Y.
Babcock & Templeton, Inc. (Importers), Postal Telegraph bldg, San Francisco, Cal.
Bailey J. T. & Co., Water & Morris, Phila., Pa.
Barbour Flax Spinning Co., Paterson, N. J.
Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.
Cable Flax Mills, Schaghticoke, N. Y.
California Cotton Mills Co., Oakland, Cal.
COLUMBIAN ROPE CO., 3050 Genesee, Auburn, N. Y.
See adv index at end of book
Fulton Bag & Cotton Mills, Atlanta, Ga.
Hanover Cordage Co., Hanover, Pa.
Hooven & Allison Co., Xenia, O.
Kentucky River Mills, Frankfort, Ky.

Linen Thread Co., 96 Franklin, New York
New York Cordage Co., 123 Front, New York
Peter & Guckenberger, 1205 Budd, Cincinnati, O.
Rauschenberger John Co., 87 W Water, Milwaukee, Wis.
Thompson Jas. & Co., 112 Prince, New York
UNION PAPER & TWINE CO., 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bld, Buffalo, N. Y.
See adv index at end of book

16199— Twine (Jute)

Allentown Spinning Co., Allentown, Pa.
American Bag Co., 3d & Harrison, Oakland, Cal.
American Mfg. Co., Noble & West, B'rklyn, N. Y.
Bailey J. T. Co., Water & Morris, Phila., Pa.
Bemis Bros. Bag Co., 601 S 4th, St. Louis, Mo.
Cable Flax Mills, Schaghticoke, N. Y.
Chelsea Fibre Mills, 212 5th av, New York
COLUMBIAN ROPE CO., 3050 Genesee, Auburn, N. Y.
See adv index at end of book
Crichton Alex F., 16th & Ry. av, Wilmington, Del.
Dolphin Jute Mills, Paterson, N. J.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Hanover Cordage Co., Hanover, Pa.
Hodson J. M., Boone & Markle, Philadelphia, Pa.
Hooven & Allison Co., Xenia, O.
Jackson T. & Son Co., Reading, Pa.
Linen Thread Co., 96 Franklin, New York
Ludlow Mfg. Associates, 111 Devonshire, Boston, Mass.
Peter & Guckenberger, 1205 Budd, Cincinnati, O.
Radcliffe & Shaw Co., Glen Rock, Pa.
Rauschenberger John Co., 87 W Water, Milwaukee, Wis.
Schlichter Jute Cordage Co., 20 N Front, Phila., Pa.
Sutherland & Edwards Co., Paterson, N. J.
Travers Twine & Cordage Co., 81 Warren, New York
Tubbs Cordage Co., Kohl bldg, San Francisco, Cal.
UNION PAPER & TWINE CO., 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bld, Buffalo, N. Y.
See adv index at end of book

16200— Twine (Linen)

Barbour Flax Spinning Co., Paterson, N. J.
Barrows Mfg. Co., Lansdale, Pa.
Bemis Bros. Bag Co., 601 S 4th, St. Louis, Mo.
Boston Thread & Twine Co., Boston, Mass.
Cable Flax Mills, Schaghticoke, N. Y.
Cayuga Linen & Cotton Mils, Auburn, N. Y.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Moore C. & Co., 5th & Market, Philadelphia, Pa.
Thompson Jas. & Co., 112 Prince, New York
Western Linen Co., Duluth, Minn.

16201— *Twine (Mattress)

COLUMBIAN ROPE CO., 3050 Genesee, Auburn, N. Y.
See adv index at end of book

16202— Twine (Paper)

Hayner Geo. M., 541 W 56th, New York

16203—*Twine (Papermakers')

COLUMBIAN ROPE CO., 3050 Genesee, Auburn, N. Y.
See adv index at end of book

16204— Twine (Sail)

American Mfg. Co., Noble & West, B'rklyn, N. Y.
Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.
Brownell Co., Moodus, Conn.
COLUMBIAN ROPE CO., 3050 Genesee, Auburn, N. Y.
See adv index at end of book
Dexter Yarn Co., Pawtucket, R. I.
Gulf Bag Co. (Imp.), 330 Notre Dame, New Orleans, La.
Hall, Lincoln & Co. (Cotton), 154 Milk, Boston, Mass.
Hanover Cordage Co., Hanover, Pa.
Mallison Braided Cord Co., Athens, Ga.
Mt. Vernon-Woodberry Mills, Cont. bldg, Baltimore, Md.
Schlichter Jute Cordage Co. (Jute), 20 N Front, Phila., Pa.
Trio Mfg. Co. (Cotton), Forsyth, Ga.
Whittier Mills Co., Chattahoochee, Ga.

16205— Twine (Seine)

American Net & Twine Co., 575 Atlantic av, Boston, Mass.
American Thread Co. (Cotton), 260 W B'way, New York
Armon Mfg. Co. (For Hose), Mount Holly, N. C.
Ashaway Line & Twine Mfg. Co. (Cotton), Ashaway, R. I.
Bibb Mfg. Co., Macon, Ga.
Brownell Co. (Hard, Medium & Soft Cotton), Moodus, Conn.
Cleveland Mill & Power Co. (Cotton), Lawndale, N. C.
Dexter Yarn Co., Pawtucket, R. I.
Electric Hose & Rubber Co. (For Mfrs. of Braided Hose), 12th & Dure, Wilmington, Del. *See adv index at end of book*
Gloucester Net & Twine Co. (Cotton), Gloucester, Mass.
Greene & Daniels Co., Pawtucket, R. I.
Jonesboro Yarn Mills Co. (Cotton), Jonesboro, Tenn.
Knox W. & J. Net & Twine Co. (Cotton), c Calvert & Lombard, Baltimore, Md.
Lees Mfg. Co., Westport, Conn.
Linen Thread Co. (Cotton), 96 Franklin, New York
Mt. Vernon-Woodberry Mills, Cont. bldg, Baltimore, Md.
Neptune Twine & Cord Mills, Moodus, Conn.
N. Y. Net & Twine Co. (Cotton), Moodus, Conn.
Oxford Cotton Mills (Cotton), Oxford, N. C.
Pioneer Cotton Mills (Cotton), Guthrie, Okla.
Purple A. E. (Cotton), Moodus, Conn.
Schlichter Jute Cordage Co. (Jute), 20 N Front, Phila., Pa.
Tennessee Line & Twine Co., Elizabethton, Tenn.
Trio Mfg. Co. (Cotton), Forsyth, Ga.
Unity Cotton Mills, La Grange, Ga.

16206—Twine (Tarred Hemp)

American Mfg. Co., Noble & West, B'rklyn, N. Y.
COLUMBIAN ROPE CO., 3050 Genesee, Auburn, N. Y.
See adv index at end of book

16207— *Twine (Wool)

COLUMBIAN ROPE CO., 3050 Genesee, Auburn, N. Y.
See adv index at end of book

16208-9—Twine (Wrapping)

American Bag Co., 3d & Harrison, Oakland, Cal.
American Mfg. Co., Noble & West, B'rklyn, N. Y.
Armon Mfg. Co. (Cotton), Mount Holly, N. C.
COLUMBIAN ROPE CO., 3050 Genesee, Auburn, N. Y.
See adv index at end of book
Double Shoal Cotton Mill (Cotton), Double Shoals, N. C.
Enterprise Cotton Mills (Cotton), Enterprise, Ala.
Georgia Cordage Mills (Cotton), Scottdale, Ga.
Hanover Cordage Co., Hanover, Pa.
Kentucky River Mills (Hemp), Frankfort, Ky.
Lees Mfg. Co., Westport, Conn.
Linn Mills Co. (Cotton), Landis, N. C.
Mallison Braided Cord Co., Athens, Ga.
Manchester Mfg. Co. (Cotton), Macon, Ga.
Missouri Cotton Yarn Mfg. Co. (Cotton), 300 Lynch, St. Louis, Mo.
Montgomery Cordage Co. (Cotton), Montgomery, Ala.
Mount Pleasant Banding Co. (Cotton), New Bedford, Mass.
Orange Cotton Mills (Cotton), Orangeburg, S. C.
Schlichter Jute Cordage Co. (Jute), 20 N Front, Phila., Pa.
Townsend H. C. Cotton Mills (Cotton & Balls), Anderson, S. C.
Trio Mfg. Co. (Cotton), Forsyth, Ga.
UNION PAPER & TWINE CO., 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bld, Buffalo, N. Y.
See adv index at end of book
Yocona Mills, Water Valley, Miss.

16210—Type Founders (Lead)

American Type Founders Co., Communipaw av, Jersey City, N. J.
Atlantic Type Foundry Co., 190 Congress, Phila., Pa.
Barnhart Bros. & Spindler, 32 Throop, Chicago, Ill.
Damon Geo. & Sons, 44 Beekman, New York
Hansen H. C. Type Foundry, 190 Congress, Boston, Mass.
Keystone Type Foundry, 9th & Spruce, Phila., Pa.
Western Type Foundry, 115 W Harrison, Chicago, Ill.

16211— Type (Rubber)

Consolidated Stamp Mfg. Co. (Solid), 87 Maiden la, New York
Dorman J. F. W Co. ("Perfection"), 526 N Calvert, Baltimore, Md.
Fulton Specialty Co., Elizabeth, N. J.
Gibson A. C. Co., Buffalo, N. Y.
Smith R. H. Mfg. Co. (Metal Body), Springfield, Mass.
Superior Type Co., 32 S Clinton, Chicago, Ill.
Swisher R. D. Mfg. Co. (Solid, etc, also Type for All Can Stamping Machines), 413 S Clinton, Chicago, Ill.

16212— Type (Steel)

Burns Typewriter Co., Buffalo, N. Y.
Hulse Mfg. Co., 165 William, New York
Lathey Steel Type Co., Chicago, Ill.
Milwaukee Steel Type & Die Co., Milwaukee, Wis.
New York Stencil Works, 100 Nassau, New York
Schoder & Lombard Stamp & Die Co., 202 Centre, New York

16213— Type (Wood)

American Wood Type Co., 302 McDougal, Brooklyn, N. Y.
Eastern Brass & Wood Type Co., 71 4th av, New York
Empire Wood Type Co., 31 Ferry, New York
Hamilton Mfg. Co., Two Rivers, Wis.

Typewriter Carbon Papers

See Paper, Carbon

16214— Typewriter Parts

Ames & Filstead Co., The, 607 S Dearborn, Chicago, Ill.
Nichols W. H. Waltham, Mass.
Peerless Key Co., 176 Fulton, New York
Waltham Screw Co., Waltham, Mass.

16215— Typewriter Ribbons

Acme Ribbon & Carbon Co., Charleston, W. Va.
American Multigraph Sales Co., 1832 E 40th, Cleveland, O.
American Ribbon & Carbon Co. ("Eagle"), Rochester, N. Y.
Apter Bros. Mfg. Co., 552 W Harrison, Chicago, Ill.
Ault & Wiborg Co., Cincinnati, O.
Bayer Frank Co. ("Markwell"), 119 Lafayette, New York
Black Diamond Ribbon & Carbon Co. ("Black Diamond"), Rochester, N. Y.
Brecher E. A. & Co. ("Unxld," "Sterling," "Merit"), 119 Lafayette, New York
Buckeye Ribbon & Carbon Co., Cleveland, Ohio
Canode & Hunt Mfg. Co., 536 S Clark, Chicago, Ill.
Carter's Ink Co. ("Ideal"), E Cambridge, Boston, Mass.
Columbia Ribbon & Carbon Mfg. Co. ("Columbia"), 69 Wooster, New York
Corona Supply Co. ("Corona"), Rochester, N. Y.
Crown Ribbon & Carbon Mfg. Co. ("Crown," "Globe"), Rochester, N. Y.
Dalton Ernest ("St. Francis" & "Golden West"), 444 Market, San Francisco, Cal.

TYPEWRITER RIBBONS—continued

De-Fi Mfg. Co. ("De-Fi Polychrome"), 150 Nassau, New York
Downes & Co. ("So Klean"), 63 Wall, New York
Foyer Chas. A. & Co. ("Foyer"), 1104 Prospect av, Cleveland, O.
Heale J. A. & Co. ("H.-B.," "Crystal," "Rival," "Export"), 96 John, New York
Imperial Mfg. Co., 297 Washington, Newark, N. J.
Indeliba Mfg. Co. (Inc.), Rochester, N. Y.
INK RIBBON MANUFACTURING CO. ("Peacock" Silk Typewriter Ribbons & Carbon Paper, "Flo-Eze" Inks, "Quicksticker" Mucilage & Paste, "Irco" Stamp Pads & Stamp Pad Inks), 633 Howard, San Francisco, Cal.
International Carbon Paper Co. ("I. C. P. Co."), 206 B'way, New York
Kee Lox Mfg. Co. ("Kee Lox"), Rochester, N. Y.
Kruse Printing Ink Co., 437 Pearl, New York
Little A. P., Rochester, N. Y.
Manifold Supplies Co., 188 3d av, Brooklyn, N. Y.
Mercury Mfg. Co. ("Mercury") 17 Elm, Rochester, N. Y.
Miller-Bryant-Pierce Co. ("Carnation," "Diamond," "Elk," "Aurora," "M. B. P."), Aurora, Ill.
Minford Ribbon & Carbon Co., 444 Pearl, New York
Mittag & Volger ("Eureka"), Park Ridge, N. J.
National Ribbon & Carbon Co., 1466 E 55th, Cleveland, O.
Neidich Process Co., Burlington, N. J.
Non-Smut Carbon Mfg. Co., Rochester, N. Y.
Pelton George E. & Co. ("Peau-de-Soie"), Georgetown, Ky.
Pen-Carbon Manifold Co. ("Cotton King" Mercerized Silk), New Brunswick, N. J.
Phillips Ribbon & Carbon Co. ("Philco" & "Wear-Write"), 88 Manhattan, Rochester, N. Y.
Republic-Dodge Mfg. Co. ("Du-Ra-Bul"), 188 3d av, Brooklyn, N. Y.
Smith S. T. Co., 116 Duane, New York
Snelling & Son, 225 34th, Brooklyn, N. Y.
Stafford S. S., 609 Washington, New York
Storms H. M. Co. ("American," "Cameo," "Reliance," "Whitedge"), 11 Vandewater, New York
Typeribbon Mfg. Co. ("Van Sen"), 711 S Dearborn, Chicago, Ill.
Underwood J. & Co., 62 Park pl, New York
Union Ribbon & Carbon Co. ("Apex," "Summit"), Front & Laurel, Phila., Pa.
United States Typewriter Ribbon Mfg. Co. ("U. S."), 124 S. 8th, Philadelphia, Pa.
Utica Carbon & Wax Paper Co., Utica, N. Y.
Vacuo-Static Carbon Co. ("Wearebest"), Rochester, N. Y.
Webster F. S. Co. ("Star"), 340 Congregational, Boston, Mass.

16216— Typewriters

Allen Typewriter Co., Allentown, Pa.
American Typewriter Co., 265 B'way, New York
American Writing Machine Co., 343 B'way, New York
Blickensderfer Mfg. Co., Stamford, Conn.
Columbia Typewriter Mfg. Co., 37 W 116th, New York
Corona Typewriter Co., Groton, N. Y.
Elliott-Fisher Co., Harrisburg, Pa.
Fox Typewriter Co., Grand Rapids, Mich.
Galesburg Writing Machine Co. ("Chicago"), Galesburg, Ill.
Hammond Typewriter Co. ("Hammond") Visible, 537 E 69th, New York
Noiseless Typewriter Co., Middletown, Conn.
Oliver Typewriter Co., 159 N Dearborn, Chicago, Ill.
Remington Typewriter Co., 374 B'way, New York. Works: Ilion, N. Y.
Rex Typewriter Co., 180 N Wabash av, Chicago, Ill.
Royal Typewriter Co. ("Royal"), 364 B'way, New York. Works: New Park av, Hartford, Conn.
Secor Typewriter Rep. Co. ("Secor" Visible), Derby, Conn.
Simplex Typewriter Co., 644 1st av, New York
Smith L. C. & Bros. Typewriter Co., Syracuse, N. Y.
Smith Premier Works, Remington Typewriter Co., Syracuse, N. Y.
Sun Typewriter Co., 317 B'way, New York
Underwood Typewriter Co., 30 Vesey, New York
Union Typewriter Co. ("Yost") Bridgeport, Conn.
Victor Typewriter Co., 280 Madison av, New York
Visigraph Typewriter Co., 37 W 116th, New York
Williams Mfg. Co., Ltd., Plattsburg, N. Y.
Woodstock Typewriter Co., 35 N Dearborn, Chicago, Ill.
Yost Writing Mach. Co., 345 B'way, New York

16217—Typewriters (Adding & Billing)

Elliott-Fisher Co., Harrisburg, Pa.
Ellis Adding Typewriter Co., 338 Elizabeth av, Newark, N. J.
Moon-Hopkins Billing Machine Co. ("Hopkins" Writing, Adding & Indexing Machines), 2235 O'Fallon, St. Louis, Mo.
Underwood John & Co., 30 Vesey, New York

16218—Typewriters (Shorthand)

Stenotype Co. ("Stenotype"), Indianapolis, Ind.

16219-20—Typewriters (Telegraphic)

American Telegraph Typewriter Co., 251 W 19th, New York
Universal Machine Co., Industrial bldg, Baltimore, Md.

Typewriting Machines

See Typewriters

16221— Ultramarine Blues

Fuller Ralph L. & Co., Inc., 2 Rector, New York. *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Heller & Merz Co., 503 Hudson, New York
International Ultramarine Works, 115 Leonard, New York
Jacob Chas. W. & Allison (Imp), 18 Cedar, New York
Standard Ultramarine Co., Huntington, W. Va.
Ultramarine Co. (Domestic), 38 Park row, New York
Waldo E. M. & F. (Also Laundry), 11 B'way, New York (Selling Agents)

16222— Umber (Earth)

Chrystal Chas. B. (Imp.), 13 Cliff, New York. *See adv index at end of book*
Fuller Ralph L. & Co., Inc., 2 Rector, New York. *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Smith J. Lee & Co. (Imp., Raw & Burnt), 19 Jacob, New York
WILLIAMS C. K. & CO. (Raw or Burnt), Easton, Pa.

16221a— Umber (Burnt & Raw)

Chrystal Chas. B., 13 Cliff, New York
See adv index at end of book

16223— Umbrella Mfrs.

Altshuler Bros., 381 Broadway, New York
Bamberger Herman Co., 877 B'way, New York
Bauer Bros. Mfg. Co. (Wagon Sunshades), Richmond & Carr, Cincinnati, O.
Becker & Thomas Co., Cleveland, O.
Cappel A. & Son, Dayton, O.
Dougherty Bros. Tent & Awning Co. (Wagon), 116 S 4th, St. Louis, Mo.
Elkus Co., 729 Mission, San Francisco, Cal.
Excelsior Umbrella Mfg. Co., 73 Summer, Boston, Mass.
Finver Bros. & Co., 126 5th av, New York
Follmer, Clogg & Co., 114 5th av, New York, & Lancaster, Pa.
Gans Bros., 100 Hanover, Baltimore, Md.
Harding Jno. W. R., 1528 Gillingham, Phila., Pa.
Henryson I. P. & Co., 20 W 20th, New York
Huff John P., Troy, N. Y.
Hull Bros. Umbrella Co., Toledo, O.
Hulse Bros. & Daniel Co., 16 W 22nd, New York
Kreis & Hubbard, 320 S Franklin, Chicago, Ill.
Kronmiller Geo. & Son, 139 N Gay, Baltimore, Md.
Kuhn E. C., 8 W 4th, Cincinnati, O.
Lazarus J. & Co., 74 Franklin, New York
Lemmers Umbrella Co., The Arcade, Cleveland, O.
Miller Bros. & Co., 894 B'way, New York
Moneton Wireless Umbrella Co., Wilmington, Del.
National Umbrella Co., 1372 W 6th, Cleveland, O.
Newland Hat Co., 162 Jefferson av, Detroit, Mich.
Patton R. J. & Co. (Wagon), 222 E 4th, Cincinnati, O.
Polan, Katz & Co., 24 Hanover, Baltimore, Md.
Quier C. D. Top Co. (Wagon Sunshades), Kansas City, Mo.
Rainshine Umbrella Co., 715 Main, Kansas City, Mo.
Rich Wm. H., Jr., 164 5th av, New York
Rose Bros. & Co., Lancaster, Pa.
Shaler Umbrella Co., Waupun, Wis.
Siegel, Rothschild & Co., Howard & Baltimore, Baltimore, Md.
Stevenstom & Co. (Cotton, Silk & Parasols), 85 5th av, New York
Stokley Jas. & Co., 728 Cherry, Phila., Pa.
Stoopack & Garbat, 37 E 18th, New York
Storer Chas. N., Rochester, N. Y.
Tim Jno. W. & Son, 633 Penn av, Pittsburgh, Pa.
Ware Arthur W. & Co., 12 E 18th, New York
Western Umbrella Co., Omaha, Nebr.
Wolfson Bros. Umbrella Co. ("Weatherking"), 392 Broadway, New York
Zittlosen Mfg. Co. (Wagon), Park & Dolman, St. Louis, Mo.

16224—Umbrella Parts (Steel)

Fretz, Gross & Co. ("Foldwell"), 22nd & Sedgley av, Phila., Pa.
Newark Rivet Works, 262 Lafayette, Newark, N. J.
Townsend Co. (Tips), New Brighton, Pa.

16224a— Umbrellas (Folding)

Follmer, Clogg & Co., 114 5th av, New York
Gans Bros, 100 Hanover, Baltimore, Md.
Hull Bros., Umbrella Co., 1447 Summit, Toledo, O.

16225—Umbrellas (Wagon, Truck & Advertising)

Perfection Mfg. Co., Montgomery & Leffingwell, St. Louis, Mo.
Troy Carriage Sun Shade Co., Troy, O.
Zittlosen Mfg. Co., Park & Dolman, St. Louis, Mo.

16226—Underframes (Steel Car)

American Bridge Co., 30 Church, New York
Bettendorf Co. (For Freight Cars, Bettendorf, Ia.
Buckeye Steel Castings Co (Cast Steel), Columbus, O
Cambria Steel Co, Widener bldg, Phila., Pa.
Champion Iron Co., Kenton, O.
Chicago Steel Car Co., Harvey, Ill.
Commonwealth Steel Co., Pierce bldg, St. Louis, Mo.
Dover Boiler Works, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
ERIE CAR WORKS, 1150 W 17th, Erie, Pa.
Greenville Steel Car Co., Greenville, Pa.
Illinois Car & Mfg. Co. (Freight Car), 30 W Jackson blvd, Chicago, Ill.

Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Ralston Steel Car Co. (For All Kinds of Freight & Passenger Cars), Columbus, O.
Virginia Bridge & Iron Co., Roanoke, Va.
Western Steel Car & Foundry Co., Peoples Gas bldg, Chicago, Ill.

16226a— *Uniform Cap Mfrs.

LEVY A., 693 Mission, San Francisco, Cal.

16227—Uniforms (Baseball & Athletic)

Chicago Sporting Goods Mfg. Co., 123 S Jefferson, Chicago, Ill.
Dudley Chas. H., Hanover, N. H.
Onondaga Indian Wigwam Co., Syracuse, N. Y.
Rawlings Mfg. Co., 23d & Lucas av, St. Louis, Mo.
Spalding A. G. & Bros., 126 Nassau, New York
Stall & Dean Mfg. Co., Brockton, Mass.

16228—Uniforms (Employees')

Greenwood-Atkinson-Armstrong Co. Detroit, Mich.
Lilley M. C. & Co., Sixth & Long, Columbus, O.
Newcomb F. H., 136 Flatbush av, Brooklyn, N. Y.
Orr C. F. & Co., 209 S State, Chicago, Ill.
Pettibone Bros. Mfg. Co., 626 Main, Cincinnati, C.
Singer A. L. & Co., 367 W Adams, Chicago, Ill.
Wendell, Fay & Co., 229 4th av, New York

16229— Unions

Acheson Mfg. Co. (Barge), Rankin, Pa.
Athol Pump Co. (1¼ & 1½ in. for Wrought Iron & Lead Pipe), Athol, Mass.
Atkinson Co. (Brass, also Ground Joint Soldering), Rochester, N. Y.
Bard Union Co. (Inc.), ("Bard"), Norwich, Conn.
Belfield H. Co. (Brass), 435 N Broad, Phila., Pa.
Berry Union Co. (Boltless Flange), 400 Godchaux bldg, New Orleans, La.
Brigman Bros. Co. ("Bridgman" Brass & Brass Screwed), 1426 Washington av, Phila., Pa.
Buckeye Iron & Brass Works (Brass Joint, Radiator Elbow), Dayton, O.
Crane Co. (Brass), Bridgeport, Conn.
Crawford & Tyler, North Dana, Mass.
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.
Dart E. M. Mfg. Co., 1012 Eddy, Providence, R. I. *See adv index at end of book*

DART UNIONS

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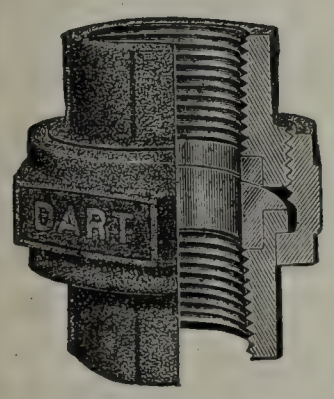
2 Bronze Seats 2



Malleable Iron Pipe Ends and Nut.

A free sample will demonstrate its merits.

E. M. Dart Mfg. Co.
PROV., R. I.

Devlin Thos Mfg. Co. ("National"), 3rd & Lehigh av, Phila., Pa.
Eastwood Wire Mfg. Co. (Bronze, End Flanged, etc.), Belleville, N. J.
Edward Valve & Mfg. Co. ("Edward Economic," Cast Iron & Forged Steel), Edison bldg, Chicago, Ill.
Eureka Brass Works ("Eureka" Brass), 1040 Hulbert av, Cincinnati, O.
Exeter Brass Works (Brass), Exeter, N. H.
FAIRBANKS CO., 416 Broome, New York
For branch houses see Alphabetical Section
Flagg, Stanley G. & Co. ("Keystone," Soft Metal Seat), Morris bldg, Phila., Pa.
General Fire Extinguisher Co. ("Flanged Cast Iron, etc), Providence, R. I.
Haines, Jones & Cadbury Co. ("Hajoca"), 1136 Ridge av, Phila., Pa.
Hamlin & Emery Brass Co. (Brass), 49 Island, Boston, Mass.
Hancock Mfg. Co., Charlotte, Mich.
Hays Mfg. Co. (Brass), Erie, Pa.
Illinois Malleable Iron Co. (Brass & Iron), 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
Jefferson Union Co. ("Jefferson," for High & Low Pressure), Lexington, Mass.
Kelly & Jones Co. ("Norustocta," "Penn," "Pitt," "Octa Penn," "Octa Pitt" & Standard Malleable, Brass & Cast Iron), 135 Water, Pittsburgh, Pa.
Larkin J. K. & Co. (Ball Joint), 34 Reade, New York *See adv index at end of book*
LUNKENHEIMER CO. Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McCambridge Co., 20th & Wood, Phila., Pa.
McMann & Taylor Co. ("Mantaco"), 104 John, New York
See adv index at end of book
McNabb & Harlin Mfg. Co. (Brass & Iron), 55 John, New York
Malleable Iron Fitings Co. ("M. I. F. Co.") (Malleable), Branford, Conn.
Mark Mfg. Co. ("Mark" Cold Drawn Steel), Evanston, Ill.
National Brass Mfg. Co. (Brass), Rochester, N. Y.
Newbury Mfg. Co. (Grey Iron), Monroe, N. Y.
New York Brass Foundry Co. ("Stillbech" Extra Heavy), 104 Centre, New York
Pancoast Henry B. Co. ("American"), 243 S 3d, Philadelphia, Pa.
Pittsburgh Brass Mfg. Co. (Brass, Extra Heavy), Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Powell Wm. Co. (Brass), Cincinnati, O.
Queen City Brass & Iron Works (Brass, Soldering, etc), Cincinnati, O.
Rex-Harris Fire Appliance Co. (Brass), 39 E 19th, New York
Richardson, Edro Brass Co. (Brass), 318 N Holliday, Baltimore, Md.
ROCKWOOD SPRINKLER CO. ("Rockwood" Pressed Steel), Worcester, Mass.
Standard Union Co., 7 Water, Boston, Mass.
Stoddard Union Co., Lockport, N. Y.
Tight Joint Co. ("Tight-Joint" Flanged, for High Pressure), 310 E 47th, New York
Wilfert John Co. (Brass & Iron), 258 B'way, New York
Williams D. T. Valve Co., Cincinnati, O.
Williams Franklin, Inc. ("Tuxedo," Bronze for High Pressure), 39 Cortlandt, New York

16229a—Unions (All Brass)

LUNKENHEIMER CO. (Executive Offices & Factories), Beekman & Waverly, Cincinnati, O.
See adv index at end of book

16230—*Unions (Brass, Brazing & Flared Tubing)

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book

16231— Unions (Flange)

Acheson Mfg. Co. (Brass), Rankin, Pa.
American Fdry. & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Bard Union Co. ("Bard"), Norwich, Conn.
Berry Union Co., 400 Godchaux bldg, New Orleans, La.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Darling Pump & Mfg. Co, Williamsport, Pa.
Dart E. M. Mfg. Co. ("Dart"), 1012 Eddy, Providence, R. I.
See adv index at end of book
Edward Valve & Mfg. Co. ("Edward" Heavy Cast Iron & Forged Steel), Edison bldg, Chicago, Ill.
General Fire Extinguisher Co. (Cast Iron), Providence, R. I.
Haines, Jones & Cadbury Co. ("Hajoca"), 1136 Ridge av, Phila., Pa.
Hoffmann B. Mfg. Co. (Cast Iron), 257 6th, Milwaukee, Wis.
Jarecki Mfg. Co. (Cast Iron), Erie, Pa.
Jefferson Union Co. ("Jefferson" Malleable Iron, Bronze or Brass Seat), Lexington, Mass.
Kane Supply Co. (Extra Heavy), Kane, Pa.
Kelly & Jones Co. (Cast Iron, Malleable & Brass), 135 Water, Pittsburgh, Pa.
Kokomo Brass Works (Steam Metal), Kokomo, Ind.
McNab & Harlin Mfg. Co., 55 John, New York
Newbury J. H., Goshen, N. Y.
Pittsburgh Valve, Foundry & Construction Co., 26th & A V R. R., Pittsburgh, Pa.
Powell Wm. Co. (Brass), Cincinnati, O.

16232—Unions & Nipples (Soldering)

American Brass & Copper Co., 138 Lafayette, New York
American Fdry. & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Atkinson Co., Rochester, N. Y.
Berry Union Co., 400 Godchaux bldg, New Orleans, La.
Buckeye Iron & Brass Works, Dayton, O.
Burlington Brass Works, Burlington, Wis.
Campbell J. B. Brass Works, Erie, Pa.
Cleveland Brass Mfg. Co. (Brass), 4606 Hamilton, Cleveland, O.
Flannery P. J. Co., New Britain, Conn.
Glauber Brass Mfg. Co, 49th & Superior av N E, Cleveland, O.
Haines, Jones & Cadbury Co. ("Hajoca"), 1136 Ridge av, Phila., Pa.
Hays Mfg. Co., Erie, Pa.
Jefferson Union Co. ("Jefferson"), Lexington, Mass.
Kelly & Jones Co. (Brass), 135 Water, Pittsburgh, Pa.
Kokomo Brass Works, Kokomo, Ind.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McNab & Harlin Mfg. Co., 55 John, New York
McShane Bell Foundry Co., Harford av & B & O R R, Baltimore, Md.
Mueller H. Mfg. Co., Decatur, Ill.
Prier Brass Mfg. Co., Kansas City, Mo.
Queen City Brass & Iron Works, Cincinnati, Ohio
Savill's Thos Sons, 1310 Wallace, Philadelphia, Pa.
Springfield Brass Co., Springfield, O.
Union Brass & Metal Mfg Co, Lawson & Mackubin, St. Paul, Minn.
Union Water Meter Co. (Combination Soldering Nipple), Worcester, Mass.
United Lead Co. (Lead & Iron), 111 Broadway, New York
Williams D. T. Valve Co., Cincinnati, O.
Wolverine Brass Works, Grand Rapids, Mich.

16232a— Units (Truck)

Ames Motor Car Co. ("Ames"), Owensboro, Ky.
Bessemer Motor Truck Co., Grove City, Pa.
Chicago Pneumatic Tool Co. ("Little Giant" Convert-a-Car. For Ford Cars), Fisher bldg, Chicago, Ill.
See adv index at end of book
Cole & Discon ("C. & D." Attachment Truck Units), 109 W. 64th, New York
Commercial Car Unit Co. ("Hudford"), 16th & Glenwood, Phila., Pa.
Commercial Truckmobile Co. ("Truckmobile"), 1720 S. Michigan av, Chicago, Ill.
Dearborn Motor Truck Co. ("Dearborn"), 1250 S Campbell av, Chicago, Ill.
Detroit Truck Co. ("Tonford"), Dime Bk. bldg, Detroit, Mich.
Hayes-Diefenderfer Co. ("Xtend-a-Ford"), 1876 B'way, New York
Iowa Motor Co. ("Iowa"), Ottumwa, Ia.
Jewett Car Co. ("Jewett"), Newark, O.
Knox Motors Co. ("Knox"), Springfield, Mass.
Lakeside Motor Truck Co. ("Lakeside"), 3751 Wentworth, Chicago, Ill.

UNITS (TRUCK)—continued
Longford Co. of America, Cambridge, Mass.
Make A Motor Truck Co. ("Make A Motor Truck"), 1508 Michigan av, Chicago, Ill.
Maxfer Truck Co. ("Maxfer"), 5035 Wabash av, Chicago, Ill.
Rayford Co. ("Rayford"), 2d & Indiana, Phila., Pa.
Redden Motor Truck Co. ("Redden"), 676 Woodward av, Detroit, Mich.
Robinson Machine Co. ("Truckford"), 4629 W Jefferson av, Detroit, Mich.
Rothweiler Truck Co. ("Rothweiler"), Seattle, Wash.
Smith-Form-A-Truck Co. ("Smith-Form-A-Truck"), 1516 W 14th, Chicago, Ill.
Stewart Mfg. Co. ("Uni-Truck"), Waterloo, Ia.
Swedish Crucible Steel Co ("Olson"), Detroit, Mich.
Ton-A-Ford Truck Co. ("Ton-A-Ford"), Racine, Wis.
Union Truck Mfg. Co. ("Union"), 250 W 54th, New York
Woodward Truck Attachment Co. ("Woodward"), Los Angeles, Cal.
Wright Truck Attachment Co. ("Wright"), Seattle, Wash.

Unloaders (Ballast)

See Ballast Loaders & Unloaders

16233-4— Unloaders (Coal Car)

LINK-BELT COMPANY, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
Stephens-Adamson Mfg. Co. ("S-A"), Aurora, Ill.

Unloaders (Portable)

See Conveyors, Portable

16235— Unloaders (Sling)

LINK-BELT COMPANY, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
MYERS F. E. & BRO. ("Myers Sure Grip," Triple Hoist, Right Angle Elevator & "Sure Grip" 2-Fork Unloader, Cross Draft), 800 Orange, Ashland, O. *See adv index at end of book*

16236— Unloaders (Stone)

Acme Road Machinery Co., Frankport, N. Y.
BYERS, JNO. F. MACHINE CO., 242 S Sycamore, Ravenna, O.
See adv index at end of book
Galion Iron Works & Mfg. Co. ("Eclipse" Portable), Gallon, O.

16237—Unloaders (Sugar Cane Car)

Chain Belt Co., Milwaukee, Wis.
LINK-BELT COMPANY, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

16238— Unloaders (Timber)

Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
Soule Steam Feed Works, Meridian, Miss.

16239— Unloaders (Vessel)

Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R R Ry, Phila., Pa. *See adv index at end of book*
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Wellman-Seaver-Morgan Co. ("Hulett"), Cleveland, O.

16239a— *Upholstery

CHASE Leatherwove "As like the hide in most respects as some respects its better"

Chase L. C. & Co. ("Chase Leatherwove" & "Chase Mohair Velvets"), 89 Franklin, Boston, Mass.
See adv index at end of book

CHASE MOHAIR VELVETS FOR UPHOLSTERY

16240— Upsetters (Tire)

See also Shrinkers, Tire & Axle

Buffalo Forge Co. ("Buffalo"), Buffalo, N. Y.
Butts & Ordway Co. ("B. & O." "Shur Grip"), 33 Purchase, Boston, Mass.
Champion Blower & Forge Co. ("Star"), Lancaster, Pa.
Fulton Iron Works, Detroit, Mich.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Kane & Roach ("K. & R."), Syracuse, N.Y.
Luther Mfg. Co. ("Black Giant," Upset Punch & Shear Combined), Olean, N. Y.
Munnsville Plow Co. ("Punch"), Munnsville, N. Y.
Rockford Mfg. Co. ("Rockford"), Rockford, Ill.

16241— Uranium

Carolina Mineral Co., Penland, N. C.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Radium Luminous Matl. Corp., 55 Liberty, New York
Standard Chemical Co., Vanadium bldg, Pittsburgh, Pa.

16241a— Uranium Nitrate

Harshaw, Fuller & Goodwin Co., Cleveland, New York and Philadelphia

16242— Uranium Oxide

Drakenfeld B. F. & Co. (Selling Agents), 50 Murray, New York
Feuchtwanger L. & Co., 136 Liberty, New York
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Roessler & Hasslacher Chemical Co., 100 William, New York

16243— Urinal Stalls

Albert G. G. & Co., Bangor, Pa.
Ebinger D. A. Sanitary Mfg. Co. ("Ebinger"), 181 Lucas, Columbus, O.
Edwardsville Brass Co. (Trimmings), Edwardsville, Ill.
Fords Porcelain Works, Perth Amboy, N. J.
General Ceramics Co. ("Phoenix" Porcelain), 50 Church, New York
Mott J. L. Iron Works ("Imperial," Porcelain), Trenton, N. J.
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Trenton Potteries Co., Trenton, N. J.
Walls, Owen & Stambach Co. (Soapstone), 11th & Hamilton, Phila., Pa.

16244— Urinals (Public)

American Foundry & Furnace Co., Bloomington, Ill.
Central Foundry Co. (Cast Iron), 90 West, New York
Imperial Brass Mfg. Co. ("Watrous," "Duojet"), 524 S Racine av, Chicago, Ill. *See adv index at end of book*
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.

16245— Urinometers

Tagliabue Chas. J. Mfg. Co., 18 33rd, Brooklyn, N. Y.

16246—Urns (Tea & Coffee)

Aldrich Mfg. Co., Buffalo, N. Y.
American Electrical Heater Co., Detroit, Mich.
American Metal Ware Co., 368 W. Huron, Chicago, Ill.
Blickman S. (Copper), 199 Lafayette, New York
Boesch Lamp Co., 962 Mission, San Francisco, Cal.
Bramhall-Deane Co. ("Superior"), 261 W 36th, New York
Buffalo Mfg. Co., Buffalo, N. Y.
Buzzini Walter J., 505 W 21st, New York
Clad Victor V. Co., 217-219 S 11th, Phila., Pa.
Consolidated Mfg. Co., Dayton, O.
Duparquet, Huot & Moneuse Co., 110 W 22d, New York
Hutchinson Bros., 5 S Howard, Baltimore, Md.
International Silver Co., Meriden, Conn.
Joesting & Schilling Co., 379 Sibley, St. Paul, Minn.
Koehler & Hinrichs, St. Paul, Minn.
Kreamer A., 307 Kent av, B'klyn, N. Y.
Kronman E., 40 Catherine, New York
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Landers, Frary & Clark ("Universal"), New Britain, Conn.
Manning, Bowman & Co., Meriden, Conn.
Meek Oven Mfg. Co. ("Meek Gas"), Newburyport, Mass.
Miller A. G., 108 Centre, New York
Pick Albert & Co. (Also Hot Water Urns), 212 W Randolph, Chicago, Ill.
Ray Geo. A. Mfg. Co. (Also Hot Water Urns, All Copper, Nickel Plated, etc), Buffalo, N. Y.
Ricketts & Bartlett Range Co., 319 W Randolph, Chicago, Ill.
Sexton S. B. Stove & Mfg. Co, 500 Block W Conway, Baltimore, Md.
Silver & Co., 304 Hewes, Brooklyn, N. Y.
Simplex Electric Heating Co. ("Simplex" Electrical), Cambridge, Mass.
Stearnes Co., 215 N Michigan av, Chicago, Ill.
Strater Herman & Sons, 74 Sudbury, Boston, Mass.
Watkins Jas. Y. & Son, 20 Catherine, New York
Williams & Poore, 22 Medford, Boston, Mass.

16247—Urns & Vases (Terra Cotta)

Clark N. & Sons, 116 Natoma, San Francisco, Cal.

16247a—*Vacuum Cleaner Parts

MATTHEWS MFG. CO., 104 Gold, Worcester, Mass. *See adv index at end of book*

16248—Vacuum Cleaners (Hand & Power)

Advance Mfg. Co., Kalamazoo, Mich.
Allen Alex., 426 Pearl, Buffalo, N. Y.
American Radiator Co. ("Arco Wand" Stationary), 820 So. Michigan av, Chicago, Ill.
American Vacuum Cleaning Co., 17 Wadsworth, Buffalo, N. Y.
Apex Electrical Mfg. Co. (Electric), 1111 Power av, Cleveland, O.
Arvac Mfg. Co. (Stationary Plants), Anderson, Ind.
Atwood Vacuum Cleaner Co. ("Atwood," Hand & Power, Stationary & Portable), Rockford, Ill.
Banner Machine Co. ("Banner" Hand), Columbiana, O.
Beach-Russ Co., 220 B'way, New York
See adv index at end of book
Bell Mfg. Co., Cleveland, O
Ben Hur Vacuum Cleaner Co., Indianapolis, Ind.
Bigsby-Rotary Mfg. Co. ("Vital"), Cleveland, O.
Birtman Electric Co. ("Bee," Suction), 1422 W. Randolph, Chicago, Ill.
Bissell F. Co. (Electric), Toledo, O.
Blaisdell Machinery Co. (Power), Bradford, Pa.
Braun Electric Mfg. Co. (Portable), Dover, O.
Bright Circle Mfg. Co., Toledo, O.
Brokaw Eden Mfg. Co. ("Eden" Portable), Alton, Ill.
Buckeye Brass & Mfg. Co., 1807 Columbus rd, Cleveland, O.
Clayton-Marlborough Mfg. Co. ("M. D. S." Power), Rochester, N. Y.
Clements Mfg. Co. ("Cadillac," "Reliable," "Little Ben," "Big Ben"), 609 Fulton, Chicago, Ill.
Clifton-Pratt Co. (Power), 1224 W 8th, Cincinnati, O.
Clifton Specialty Co., Inc., 84 W. Mohawk, Buffalo, N. Y.
Cyclone Mfg. Co. ("Cyclone," "Sherington," Hand, Electric & Stationary), Bradford, Pa.
Domestic Appliance Co., Rochester, N. Y.
Domestic Vacuum Cleaner Co. ("Domestic" Hand & Electric), Torrington, Conn.

Doty Mfg. Co., Dayton, O.
Drake Hdwe. Co., Friendship, N. Y.
Duntley Pneumatic Sweeper Co., 412-414 S. Market, Chicago, Ill.
Duntley Products Co., Erie, Pa.
Eclipse Folding Machine Co., Sidney, O.
Edison Electric Appliance Co., Inc. (Hotpoint Div.), 5600 W. Taylor, Chicago, Ill.
Elite Vacuum Cleaner Mfg. Co. ("Elite"), Kesner bldg, Chicago, Ill.
Elliott Electric Co., 322 Champlain av, Cleveland, O.
Emery Chas. W. ("Superb," "Superb, Jr.," "Cadillac Special," "King," "Princess," "Wayne," "Vim"), 2036 N 13th, Phila., Pa.
Eureka Vacuum Cleaner Co., D. Whitney bldg, Detroit, Mich.
Everson Mfg. Co. (Portable Electric), 271 Franklin, Boston, Mass.
Federal Sign System (Electric), 640 W Lake, Chicago, Ill.
Feeney Mfg. Co., Muncie, Ind.
Frantz Premier Co. ("Frantz Premier" Electric), Cleveland, O.
Geier P. A. Co. ("Royal" Electric), Cleveland, O.
Gits Elec'l Co., 1121 Washington bldg, Chicago, Ill.
Glidden, Wilmot & Son (Power), Oak Park, Ill.
Gray Iron Foundry Co. ("Crown," "Queen A," "Queen B," Hand), Reading, Pa.
Hanlon & Wilson ("Vak-Klean"), Wilkinsburg, Pa.
Hope Vacuum Cleaner Co. (Power), 1800 Central, Kansas City, Mo.
Hoover Suction Sweeper Co., New Berlin, Ohio
Houston Mfg. Co. (Stationary Power), Rockford, Ill.
Hugro Mfg. Co. ("Victor," "Golden Rod," Hand House), 327 S La Salle, Chicago, Ill.
Hurley Machine Co. ("5" & "12" Electric), 29 S Clinton, Chicago, Ill.
Ideal Vacuum Cleaner Co. (Electric), Newark, N. J.
Innovation Electric Co. ("Magic" Electric), 585 Hudson, New York
Invincible Mfg. Co., Point Power bldg, Pittsburgh, Pa.
Invincible Vacuum Cleaner Mfg. Co., Canal, Dover, Ohio
Jakway-Motor-Cone Vacuum Cleaning Mfg. Co., 135 Wood av, Syracuse, N. Y.
Jeffrey Hydro Mfg. Co., 824 Columbus bldg., Cleveland, O.
Jewel Vac. Cleaner Co., 226 N Jefferson, Chicago, Ill.
Kent Vacuum Cleaner Co. ("Kent" Stationary & "Vacuna" portable), Rome, N. Y.
Kieswetter Jos. F., Toledo, O.
Knox Geo. S. Co., Wilkinsburg, Pa.
Lazarus Mfg. Co., 750 Prospect av, Cleveland, O.
Leasure Vacuum Cleaner Co. (Hand), Bradford, Pa.
Lima Cleaning Machine Co. (Power), Lima, O.
McCreery Mfg. Co. (Power), 1923 Front, Toledo, O.
Milwaukee Vacuum Machinery Co., 195 B'way, Milwaukee, Wis.
Morrow Co., Waukegan, Ill.
National Sweeper Division of the Torrington Co. ("Torrington," "Electric" & Hand Power), Torrington, Conn.
National Vacuum Machinery Co., Dayton, Ohio
Ohio Co., 1463 B'way, New York
Palm Vacuum Cleaner Co. (Stationary), 2671 E Gd. blvd, Detroit, Mich.
Pease F. B. Co. (Water Power), Rochester, N. Y.
Peoria Can Co. ("Hoosier" Hand Power), Peoria, Ill.
Perfection Vacuum Cleaner Co. (Power, Stationary & Portable), 25 N Jefferson, Chicago, Ill.
Perkins-Wilbur C. & Co., 1925 S Western av, Chicago, Ill.
Pittsburgh Electric Specialties Co., Ross & 1st, Pittsburgh, Pa.
Pneuvac Co., 59 Temple pl, Boston, Mass.
Quam Pneumatic Cleaner Co. (Hand & Power)), 243 Lake, Milwaukee, Wis.
Racine Electric Co., Racine, Wis.
Ramey Co. ("Duplex," "Simplex"), Chillicothe, O.
Regina Co. ("Regina," Pneumatic), 47 W 34th, New York
Rex Cleaner Co. ("Rex"), 431 Kent av, Brooklyn, N. Y.
Richmond Radiator Co. ("Richmond" Stationary & Portable), 1480 B'way, New York
Rochester Vacuum Cleaner Co. ("Rochester" & "Genesee" Hand), Rochester, N. Y.
SANTO VACUUM CLEANER CO. ("Santo"), 2036 N 13th, Phila, Pa.
Semco Mfg. Co. ("Semco"), Nashville, Tenn.
Shannon Lafe Co., Waterloo, Ia.
Spencer Turbine Cleaner Co. ("Spencer"), Hartford, Conn.
Standard Mfg. Co. ("Wands"), Syracuse, N. Y.
Sterling Machine & Stamping Co. ("Thunderbolt"), Wellington, Ohio
Sterling Vacuum Cleaner Co. ("Sterling Hand), Worcester, Mass.
STURTEVANT B. F. CO. ("Sturtevant," Electric Power), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
Suction System Cleaning Co. ("Princess" Electric), Sidney, O.
Thurman Vacuum Cleaner Co. (Electric & Gasoline for Home & Railroad), Pontiac bldg, St. Louis, Mo.
Thurman Vacuum Cleaner Co., 705 Market, St. Louis, Mo.
United Electric Co. ("Tuec" Stationary, Ohio Tuec Portable), Canton, O.
United Vacuum Appliance Co. ("Connersville" & "Capitol" Stationary), Connersville, Ind.
U. S. Radiator Corp., B'way & Grand River, Detroit, Mich.
Universal Electric Co. (Hand), 63 Elizabeth, Detroit, Mich.
Victor Vacuum Cleaner Co. (Power), 224 High av, Cleveland, O.
Warner Co. ("E-Z"), Muncie, Ind.
Water Power Vacuum Cleaner Co., 84 W Mohawk, Buffalo, N. Y.
Western Electric Co. ("Sturtevant"), 463 West, New York
Winans Machine Co., Binghamton, N. Y.
Wise Co. "America" (Electric), New Philadelphia, O.

16248a— *Vacuum Cleaners (Stationary & Truck)

AMERICAN RADIATOR CO., 816 S. Michigan av, Chicago, Ill.

16249—Vacuum Drying & Impregnating Apparatus

See also Dryers, Vacuum

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Devine J. P. Co. ("Emil Passburg"), Buffalo, N. Y.
Hubbard's Norman Sons, 265 Water, Brooklyn, N. Y.
Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.
Werner & Pfleiderer Co., 1232 No. Niagara, Saginaw, Mich.

16250— Valleys (Roll Tin)

EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
MERCHANT & EVANS CO., 2035 Washington av, Phila., Pa.
See adv index at end of book
Messenger & Parks Mfg. Co. (Galvanized), Aurora, Ill.
Niles Iron & Steel Roofing Co. (Galvanized & Tin), Niles, O.
Ohio Corrugating Co., Warren, Ohio.
Whitaker-Glessner Co. ("Galvanized Steel & Ohio Metal" & "Portsmouth Iron"), Wheeling, W. Va.

16251— Valonea Importers

Haley-Hammond Co., 129 Pearl, New York
Klipstein A. & Co. (Imported), 644 Greenwich, New York
Marden, Orth & Hastings Co., 61 B'way, New York

16252-3—Valve Balls (Rubber)

Boston Belting Corp., 84 Linden Park, Boston, Mass.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Continental Rubber Works, Erie, Pa.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Jenkins Bros., 80 White, New York
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mattson Rubber Co., Lodi, N. J.
Mechanical Rubber Co., Cleveland, O.
New York Belting & Packing Co., 91 Chambers, New York
New York Rubber Co., Reade & Church, New York
Peerless Rubber Mfg. Co., 31 Warren, New York
Pennsylvania Rubber Co., Jeannette, Pa.
Quaker City Rubber Co., 629 Market, Phila., Pa.
Republic Rubber Co., Youngstown, O.
Revere Rubber Co., Chelsea, Mass.
Strong Steel Foundry Co., Buffalo, N. Y.

16254—Valve Cups (Leather)

Detroit Leather Specialty Co., (Inc.), ("Wear Well"), 275 Beecher av, Detroit, Mich.
Hough Chas. N. Mfg. Co., Franklin, Pa.
Parker Cup & Specialty Wks., Parker Landing, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Whittlesey's M. E. Sons, Corry, Pa.

Valve Grinding Materials

See Steel, Emery

16255—Valve Mfrs. for Steam, Gas & Water

For Jobbers of these Goods see Plumbers' Supplies, Jobbers; also Steam Fitters' Supplies, Jobbers
For Various Kinds of Valves see Subclassifications following this list

Acton John, 118 John, Brooklyn, N. Y.
Albany Steam Trap Co. ("Blessing"), Albany, N. Y.
American Balance Valve Co., Jersey Shore, Pa.
American District Steam Co., North Tonawanda, N. Y.
American Foundry & Const. Co., 2nd av & Longworth, Pittsburgh, Pa.
American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
American Valve Co., Coxsackie, N. Y.
Ashton Valve Co., 161 First, Cambridge, Mass.
Atwood & Morrill, 48 Loring av, Salem, Mass.
Baker Ice Machine Co., Omaha, Neb.
Bashlin Co., Warren, Pa.
Beaton & Cadwell Mfg. Co., New Britain, Conn.
Beaumont Valve & Hydrant Works, Kankakee, Ill.
Belfield H. Co., 435 N Broad, Phila., Pa.
Belknap Mfg. Co., Bridgeport, Conn.
Bordo L. J. Co., 12th & Thompson, Phila., Pa.
Boyer Valve Co., 2828 La Salle, St. Louis, Mo.
Bourbon Copper & Brass Works, Cincinnati, O.
Buckeye Iron & Brass Works, Dayton, O.
Burrows Mfg. Co., York, Pa.
Cadman A. W. Mfg. Co., 2816 Smallman, Pittsburgh, Pa.
Capitol Brass Works, Detroit, Mich.
Cash A. W. Co., 250 E. Wood, Decatur, Ill.
Cayuta Mfg. Co., Sayre, Pa.
Chapman Valve Mfg. Co. ("Chapman"), Indian Orchard, Mass.
Chicago Mfg. Co. ("Lippy"), Chicago Jct., Ohio
Coal Muffler & Safety Valve Co., 325 E Oliver, Baltimore, Md.
Coffin Valve Co., Neponset, Boston, Mass.
Coldwell-Wilcox Co., Newburgh, N. Y.
Columbus Brass Co., 538 Dublin av, Columbus, O.
See adv index at end of book
Commonwealth Brass Wks (Packless), Detroit, Mich.
Consolidated Safety Valve Co., 119 W 40th, New York
Crane Co., Bridgeport, Conn.
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.

VALVE MFRS. FOR STEAM, ETC.—c't'd.
Davidson M. T. Co., 43 Keap, Brooklyn, N. Y.
Davis Geo. M. Regulator Co., 422 Milwaukee av, Chicago, Ill.
Davis Louis N., West Chester, Pa.
d'Este Julian Co., 24 Canal, Boston, Mass.
Detroit Lubricator Co. ("Detroit"), Detroit, Mich.
Dorn & Marcellus Co., Mascher & York, Phila., Pa.
Eddy Valve Co., Waterford, N. Y.
Elliott Co., Pittsburgh, Pa.
Engberg Electric & Mechanical Works (Electro Hydraulic Valve), St. Joseph, Mich.
Engineers' Appliance Co. ("Hydromatic" Automatic Water Valves), Cleveland, Ohio
Evans Mfg. Co. (Ltd.), Butler, Pa.
Everlasting Valve Co., 2 Rector, New York
Eynon-Evans Mfg. Co., N 15th & Clearfield, Philadelphia, Pa.
FAIRBANKS CO., 416 Broome, New York
For branch houses see Alphabetical Section
Farrell Valve & Specialty Co., Austin bldg, Buffalo, N. Y.
Fewlass-Leen Brass & Iron Co., 610 E. Front, Cincinnati, O.
Fire & Gas Appliance Co., 1906 Wyandotte, Kansas City, Mo.
Fisher Governor Co., Marshalltown, Ia.
Ford Thos. P. Co., 407 Broome, New York
Foster Engineering Co. (Automatic), 109 Monroe, Newark, N. J.
French Oil Mill Machy Co., Piqua, O.
Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
Gold Car Heating & Lighting Co., 17 Battery pl, New York
Gould Balance Valve Co., Kellogg, Ia.
Hancock Inspirator Co., 119 W 40th, New York
Hardie-Tynes Mfg. Co., Birmingham, Ala. Birmingham, Ala.
Harvey's A. Sons Mfg. Co., Detroit, Mich.
Haydenville Co., Haydenville, Mass.
Hills Robt. E., 153 W Kinzie, Chicago, Ill.
Hoffman B. Mfg. Co., 257 6th, Milwaukee, Wis.
Hoffman & Billings Mfg. Co., 100 2nd, Milwaukee, Wis.
Homer Brass Works (Inc.), 231 Race, Phila., Pa.
Homestead Valve Mfg. Co., Pittsburgh, Pa.
Jarecki Mfg. Co., Erie, Pa.
Jenkins Bros., 80 White, New York
JERGUSON GAGE & VALVE CO. (To Specifications), 358 Atlantic av, Boston, Mass.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Kennedy Valve Mfg. Co., Elmira, N. Y.
Kieley & Mueller, 34 W 13th, New York
Kinsey & Mahler Co. ("K. & M."), Peoria, Ill.
Klipfel Mfg. Co. ("K. & T."), 2651 W Harrison, Chicago, Ill.
Kunkle E. B. & Co., Fort Wayne, Ind.
Lead Lined Iron Pipe Co., Wakefield, Mass.
Lippold Valve Co., Erie, Pa.
Locke Regulator Co., Salem, Mass.
Loetzer Valve & Mfg. Co., Monroeton, Pa.
Lonergan J. E. Co., 211 Race, Phila., Pa.
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
LUNKENHEIMER CO. (Also for Oil), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McCambridge Co. (Steam), 20th & Wood, Phila., Pa.
McNab & Harlin Mfg. Co., 55 John, New York
McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.
See adv. index at end of book
Marquette John N. Sons (Lead-Lined Acid), 513 S Eden, Baltimore, Md.
Marsh Jas. P. & Co., 118 S Clinton, Chicago, Ill.
Marsh Valve Co., Erie, Pa.
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass
See adv index at end of book
Max Machine Co., Clinton, Mass.
Michigan Lubricating Co., Detroit, Mich.
Milwaukee Valve Co., 139 Burrell, Milwaukee, Wis.
Monash-Younker Co. (Steam & Water Only), 1407 W Jackson blvd, Chicago, Ill.
Mueller H. Mfg. Co. (Steam, Air, Gas & Water), Decatur, Ill.
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
National Valve & Mfg. Co., 31st & Liberty, Pittsburgh, Pa.
Nelson Valve Co., Harrison bldg, Phila., Pa.
New Bedford Valve Mfg. Co., New Bedford, Mass.
Nolte Brass Co. (A. B. Nolte, Prop.), Springfield, Mass.
Northern Tool Co., Utica, N. Y.
Ohio Brass Co., Mansfield, O.
Ohio Injector Co., Wadsworth, O.
Oil Well Supply Co. (Iron & Brass), 215 Water, Pittsburgh, Pa.
O'Malley-Beare Valve Co. ("Multiplate"), Railway Exchange bldg, Chicago, Ill.
O'Meara J. (Inc.), 2 Lispenard, New York
Patterson-Allen Engineering Co., 2 Rector, New York
Paul Andrew G. Co. (Steam Only), 131 State, Boston, Mass.
Perkes Chas. (Est. of), 623 Arch, Phila., Pa.
Philadelphia Roll & Machine Co., 25th & Washington av, Phila., Pa.
Pioneer Brass Works, Indianapolis, Ind.
Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
Pittsburgh Piping & Equipment Co., 35th & Charlotte, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Powell Wm. Co. (& Air), Cincinnati, O.
Pratt & Cady Co. ("P. & C"), Hartford, Conn.
Queen City Brass & Iron Works, Cincinnati, O.
Renesslaer Valve Co., Troy, N. Y.
Ross Valve Mfg. Co. ("Trojan"), Oakwood av, Troy, N. Y.
See adv index at end of book
Rundle-Spence Mfg. Co., 63 2nd, Milwaukee, Wis.
Simmons John Co., 110 Centre, New York
Smith A. P. Mfg. Co., East Orange, N. J.
Smolensky, M. Mfg. Co., 2108 Superior Viaduct, Cleveland, Ohio
South Park Foundry & Machine Co., St. Paul, Minn
Star Brass Mfg. Co., 108 E Dedham, Boston, Mass.
Stephens, Roe Mfg. Co., Detroit, Mich.
Swift Lubricator Co., Elmira, N. Y.
Syracuse Faucet & Valve Co. (No Packing), Eastwood, N. Y.
Thompson J. & Co., Van Horn & Sophia, Phila., Pa.
Triumph Valve Mfg. Co., Mansfield, O.
Utica Valve & Fixture Co., Utica, N. Y.
Walworth Mfg. Co., 132 Federal, Boston, Mass.
Watson & McDaniel Co., 146 N 7th, Phila. Pa.
Watts Regulator Co. ("Watts"), Lawrence, Mass.
Whitcomb Geo. D. Co., Rochelle, Ill.
Wilfert John Co., 258 B'way, New York
Williams D. T. Valve Co., Cincinnati, O.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.
Yarnell-Waring Co., ("Caskey-Simplex"), Harrison bldg, Phila., Pa.

16256— Valve Seats (Ball)

Cassady Fairbank Mfg. Co., 6126 La Salle, Chicago, Ill.
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.
Hough Chas. N. Mfg. Co. ("Steelex," "Bronzex," for Artesian & Oil Wells), Franklin, Pa.
Morency-Van Buren Mfg. Co., Sturgis, Mich.

16257— Valve Stems

American Manganese Bronze Co., 3501 Rhawn, Phila., Pa.
Bliss Supply Co., 815 Long av, Cleveland, O.
Boston Forge Co., E. Boston, Mass.
Erie Forge Co., Erie, Pa.
Steel Products Co., 2206 Clarkwood av, S E, Cleveland, Ohio
Union Drop Forge Co. (Drop Forged), 358 W Grand av, Chicago, Ill.
Williams J. H. & Co. (Drop Forged), 31 Richards, Brooklyn, N. Y.

16258—Valve Testing Device

WESTINGHOUSE AIR BRAKE CO. ("Westinghouse," Portable, Triple), Pittsburgh, Pa.

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16259—*Valves (Accumulator)

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book

16260— Valves (Acid)

Aterite M. H. Co., Inc. (Sulphuric), 55 John, New York, & Paterson, N. J.
Cadman A. W. Mfg. Co., 2816 Smallman, Pittsburgh, Pa.
Chadwick-Boston Lead Co., 162 Congress, Boston, Mass.
Chapman Valve Mfg. Co. ("Chapman"), Indian Orchard, Mass.
CHEMICAL PUMP & VALVE CO., THE (Also Valves for Acid), 327 Gifford, Perth Amboy, N. J.
Cleveland Brass Mfg. Co. ("Acimet"), 4606 Hamilton, Cleveland, O.
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.
Durion Castings Co. ("Duriorn" Straightway), Dayton, O.
Eastwood Wire Mfg. Co., Belleville, N. J.
Everlasting Valve Co., 2 Rector, New York
Graham Chas. Chemical Pottery Works (Stoneware), 986 Metropolitan av, Brooklyn, N. Y.
Homestead Valve Mfg. Co., Pittsburgh, Pa.
Jarecki Mfg. Co., Erie, Pa.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Konold M. J. Co., Bessemer bldg, Pittsburgh, Pa.
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Marquette John N. Sons (Lead-Lined), 513 S Eden, Baltimore, Md.
Moore Bros. Co., Elizabeth, N. J.
Pratt Engineering & Machine Co. (Straight way or Angle), Atlanta, Ga.
Pratt & Cady Co. ("P. & C."), Hartford, Conn.
Rensselaer Valve Co., Troy, N. Y.
Robertson Jas. Lead Co., 827 S Howard, Baltimore, Md.
Simmons John Co., 110 Centre, New York
United Lead Co., 111 B'way, New York
United States Stoneware Co. (Glazed Stoneware), Akron, O.
York Mfg. Co., Ltd., York, Pa.

16261— Valves (Acid Egg)

Moore Bros. Co., Elizabeth, N. J.
Robertson Jas. Lead Co., 827 S Howard, Baltimore, Md.

Valves (Adams)

See Valves, Y

16262—Valves (Aiken Operating)

Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.

16263— Valves (Air)

American Foundry & Construction Co., 2nd av & Longworth, Pittsburgh, Pa.
American Pin Co. ("Ampinco"), Waterbury, Conn.
American Radiator Co. ("Norwall"), 802 S Michigan av, Chicago, Ill.

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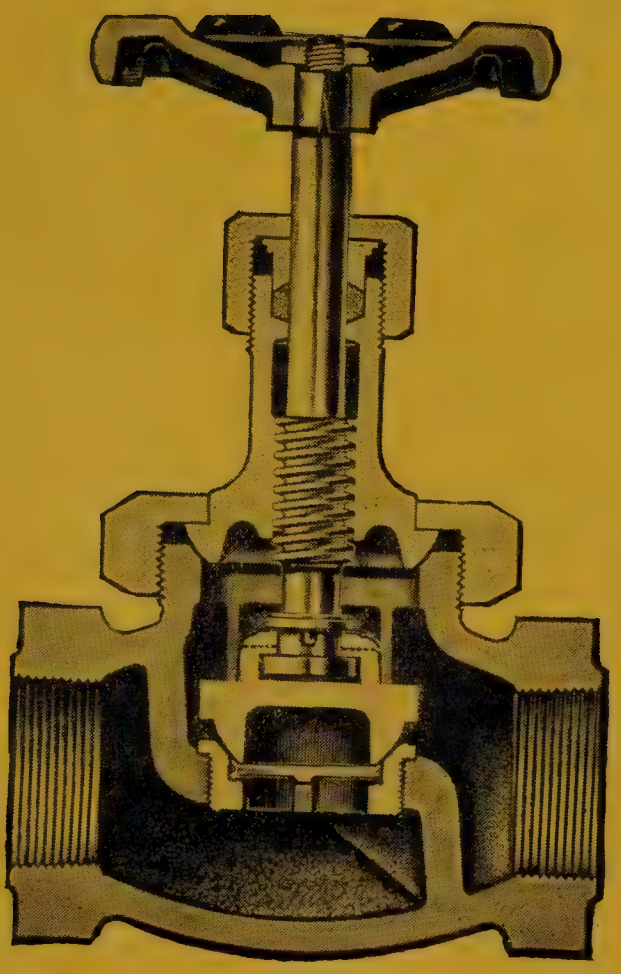

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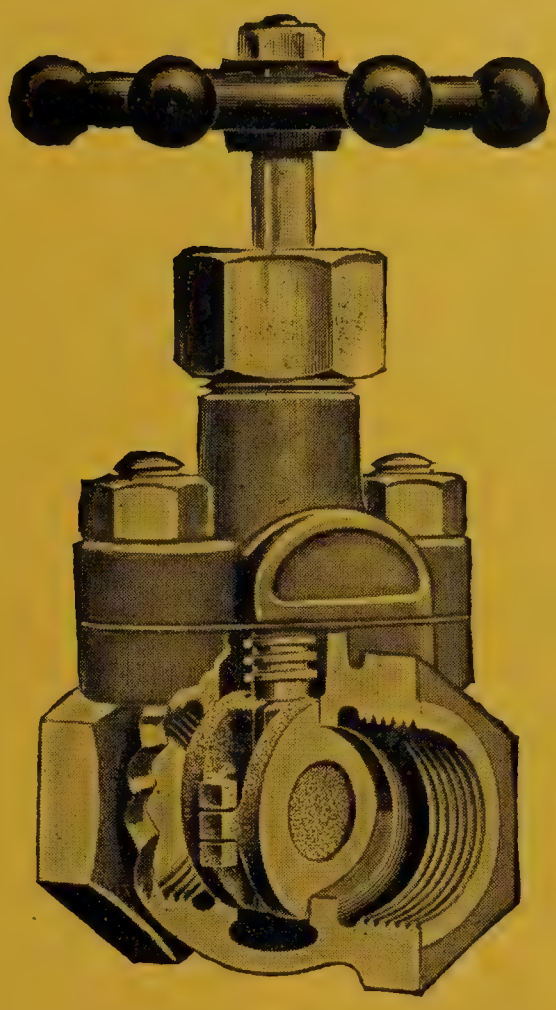

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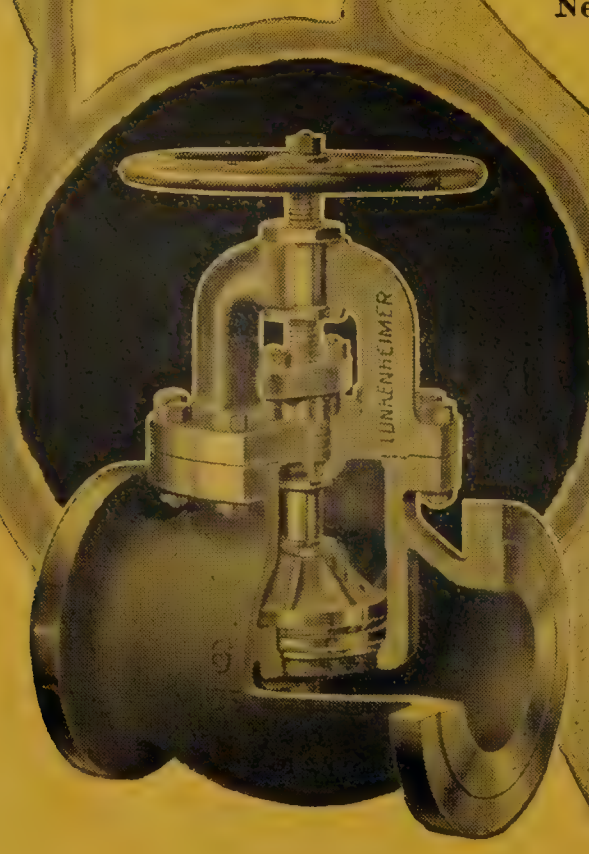

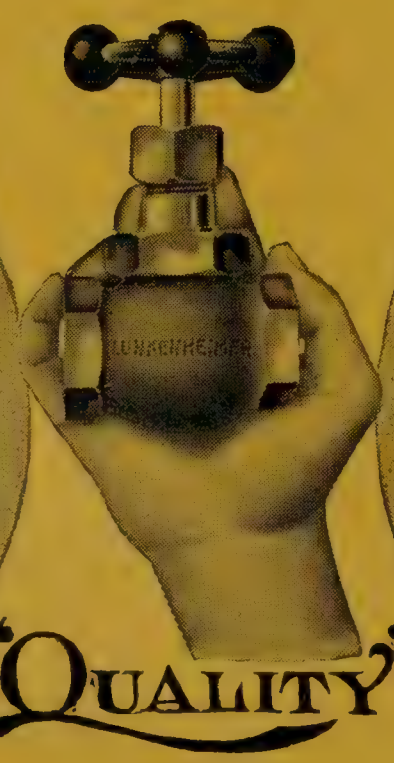

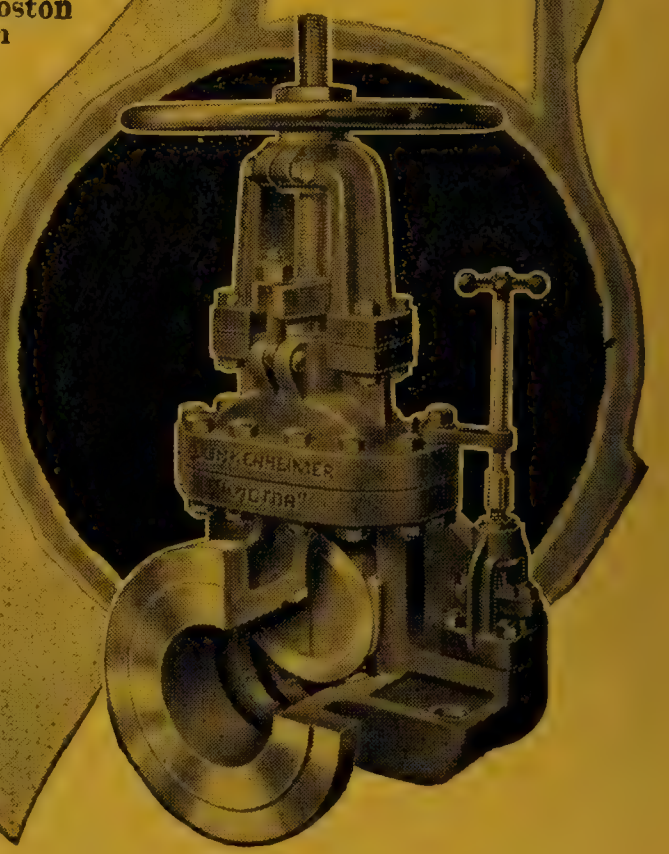

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Bogardus-Nelson Co. ("Adjust," "Arbol," "Barion," "Namond," "Tre-Foil," "Trident," "Sentinel," "Stokset," "Nelgard," All Automatic), Marshalltown, Ia.
Buckeye Iron & Brass Works (Radiator), Dayton, O.
Cadman A. W. Mfg. Co., 2816 Smallman, Pittsburgh, Pa.
Chapman Valve Mfg. Co. ("Chapman"), Indian Orchard, Mass.
Coffin Valve Co., Neponset, Boston, Mass.
Consolidated Engineering Co. ("Van Auken" Water Seal, Automatic), 507 W Jackson blvd, Chicago, Ill.
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Denver Hydro Co. ("Sentinel" Automatic), 3100 Stuart, Denver, Colo.
Eddy Valve Co., Waterford, N. Y.
Edelmann E. & Co. ("Perfecto," Automatic), 341 E Ohio, Chicago, Ill.
Fire & Gas Appliance Co., 1906 Wyandotte, Kansas City, Mo.
Foster Engineering Co. (Air Reducing & Relief), 109 Monroe, Newark, N. J.
Frantz-Premier Co. ("Premier"), Cleveland, O.
Fulton Co. ("Sylphon" Automatic), Knoxville, Tenn.
Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
Gold Car Heating & Lighting Co., 17 Battery pl, New York
Harlem Mfg. Co. ("Omega," Automatic, etc), 518 W 55th, New York
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Homestead Valve Mfg. Co., Pittsburgh, Pa.
Jarecki Mfg. Co., Erie, Pa.
Jenkins Bros. (Jenkins Automatic), 80 White, New York
Kelly Brass Works (Automatic Steam), 226 W Ontario, Chicago, Ill.
Kelly & Jones Co. (Radiator), 135 Water, Pittsburgh, Pa.
Lawler Regulator Co. ("Lawler" Automatic Floatless for Hot Water Radiators), 55 W Houston, New York
Leyner J. Geo. Engineering Works Co., Littleton, Colo.
Loetzer Valve & Mfg. Co. (For Water Mains), Monroeton, Pa.
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
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Marsh James P. & Co. ("Acme," "Paul," "Illinois," "Original," "No. 4 Lock & Shield," "No. 6 Duplex," "Thermodisk"), 118 S Clinton, Chicago, Ill.
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Mueller M. Mfg. Co. (Ammonia Expansion), Decatur, Ill.
NASON MFG. CO., 71 Fulton, New York
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National Brass Mfg. Co., Rochester, N. Y.
National Steam Specialty Co. ("National"), 16 S Clinton, Chicago, Ill.
Norman C. Erwin & Co., 18 W Kinzie, Chicago, Ill.
Ohio Brass Co. (For Electric Car Sanders), Mansfield, O.
O'Meara J. (Inc.), 2 Lispenard, New York
Paul Andrew G. Co. ("Paul"), 131 State, Boston, Mass.
Phelps Bros. Co. ("Elmo" & "Crescent" Automatic Float), 101 Beekman, New York
Philadelphia Roll & Machine Co., 25th & Washington av, Phila., Pa.
PIERCE, BUTLER & PIERCE MFG. CORP. ("Pneu-Vent," "Royal"), 437 E 162d, New York
Powell Wm. Co. (Compression, Noiseless Air Tight Dash Pot & Check), Cincinnati, O.
Rensselaer Valve Co., Troy, N. Y.
Roberts Brass Mfg. Co., Detroit, Mich.
Russell W. A. & Co. ("Imperial," "Eureka," "Perfect," Automatic), 63 W 37th, New York
Schrader's A. Sons Inc. ("Schrader"), 783-803 Atlantic av, Brooklyn, N. Y.
Simmons John Co. (For Radiators), 110 Centre, New York
Simplex Valve & Meter Co. (Automatic), 110 N Broad, Phila., Pa.
Smith H. B. Co. ("Breckenridge" Automatic), Westfield, Mass.
Smolensky M. Mfg. Co., 2108 Superior av, N. W., Cleveland, O.
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Sterling & Skinner Mfg. Co. (Radiator Air) 2672 E Grand blvd, Detroit, Mich.
Tagliabue C. J. Mfg. Co. (Air Reducing), 18 33d, B'klyn, N. Y.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
Thompson J. & Co. (Poppet), Van Horn & Sophia, Phila., Pa.
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Universal Valve Co. ("Kno-Pal), Burlington, Wis.
Walworth Mfg. Co., Boston, Mass.
Watson & McDaniel Co., 146 N 7th, Philadelphia, Pa.
Universal Valve Co., Burlington, Wis.
Wood R. D. & Co., 400 Chestnut, Philadelphia, Pa.
Whitcomb Geo. D. Co., Rochelle, Ill.
Yarnall-Waring Co. (High Pressure, "Caskey Simplex"), Harrison bldg, Philadelphia, Pa.

16264— Valves (Air Discharge Pressed Steel)

Pressed Steel Tank Co. (For Blowing Engines & Compressors), 58th & Greenfield av, Milwaukee, Wiis.

16265—Valves (Air, for Coal Mines)

Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
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16266—Valves (Air Regulating)

Johnson Service Co. ("Johnson"), 153 Michigan, Milwaukee, Wis.
MASON REGULATOR CO. ("Mason"), 1192 Adams, Boston, Mass.
See adv index at end of book
Production Engng. Co. (For Blast Pipes for Cupolas), 1716 Spring Garden, Phila., Pa.
Strong, Carlisle & Hammond Co., 336 Frankfort av N W, Cleveland, O.

16267—Valves (Altitude Controlling)

Golden-Anderson Valve Specialty Co. ("Anderson"), Fulton bldg, Pittsburgh, Pa.
Simplex Valve & Meter Co. (For Controlling the Level of Water in Reservoirs, Stand Pipes & Railroad Tanks), 110 N Broad, Phila., Pa.

16268— Valves (Ammonia)

American Valve Co., Coxsackie, N. Y.
Ashton Valve Co., 161 First, Cambridge, Mass.
Baker Ice Machine Co., Omaha, Neb.
Brunswick Refrigerating Co., New Brunswick, N. J.
Cash A. W. Co. (Expansion), Decatur, Ill.
Columbus Iron Works (Globe & Angle), Columbus, Ga.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago
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Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.
Fire & Gas Appliance Co., 1906 Wyandotte, Kansas City, Mo.
Foster Engineering Co. (Pressure), 109 Monroe, Newark, N. J.
Great Lakes Engineering Works, Detroit, Mich.
Ice & Cold Machine Co., 3003 N B'way, St. Louis, Mo.
Jenkins Bros., 80 White, New York
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Ludlow Valve Mfg. Co., ft. of Adams. Troy, N. Y.
LUNKENHEIMER CO. Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
NASON MFG. CO., 71 Fulton, New York
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Pratt & Cady Co. ("P. & C."), Hartford, Conn.
Star Brass Mfg. Co. ("Quincy Market") 108 E Dedham, Boston, Mass.
Triumph Ice Machine Co., Oakley, Cincinnati, O.
Universal Valve Co., Burlington, Wis.
Wilfert John Co., 258 B'way, New York
York Mfg. Co., York, Pa.

Valves (Angle)

See Valves, Globe & Angle

16269—Valves (Anti-Freezing)

Zero Valve & Brass Mfg. Co., Buffalo, N. Y.

16270—Valves (Asbestos Packed)

Crane Co. (Est. 1855), **836 S Michigan av, Chicago,** Ill.
For branch offices see Alphabetical Section
FAIRBANKS CO., 416 Broome, New York
For branch houses see Alphabetical Section
Pratt & Cady Co. ("P. & C."), Hartford, Conn.

Valves (Automatic Air)

See Valves, Air

16271—Valves (Automatic Drip)

Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.

16272—Valves (Back Pressure)

Acton John, 118 John, Brooklyn, N. Y.
American District Steam Co., North Tonawanda, N. Y.
American Fdry. & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Atwood & Morrill ("XX" Century), 48 Loring av, Salem, Mass.
Buckeye Iron & Brass Works, Dayton, O.
Burrows Mfg. Co., York, Pa.
Coldwell-Wilcox Co., Newburgh, N. Y.
Consolidated Engineering Co. ("Van Auken"), 507 W Jackson blvd, Chicago, Ill.
Crane Co. (Est. 1855), 836 S. Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Crane Co., Bridgeport, Conn.
Davis Geo. M. Regulator Co., 422 Milwaukee av, Chicago, Ill.
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Fisher Governor Co., Marshalltown, Ia.
Foster Engineering Co. (For Heating Systems), 109 Monroe, Newark, N. J.
Garrett W. D. & Co., 136 Liberty, New York
Harrison Safety Boiler Works ("Cochrane" Multiport), 3147 N 17th, Phila., Pa.
Hoffman B. Mfg. Co. ("Hoffman"), 257 6th, Milwaukee, Wis.
Hoffmann & Billings Mfg. Co., Milwaukee, Wis.
Hussey, McCann & Co., 87 Warren, New York
Illinois Engineering Co. ("Eclipse") 5021 S State, Chicago, Ill.
Imperial Iron Works, Duluth, Minn.
Jarecki Mfg. Co., Erie, Pa.
Jenkins Bros. ("Excelsior"), 80 White, New York
Keeble Alex. K., Lawrence, Mass.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Kieley & Mueller, 34 W 13th, New York
Klipfel Mfg. Co. ("K. & T."), 2651 W. Harrison, Chicago, Ill.
Konold M. J. Co., 601 Bessemer bldg, Pittsburgh, Pa.
Locke Regulator Co., Salem, Mass.
LUNKENHEIMER CO. Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
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McGowan John H. Co., 52 Central av, Cincinnati, O.
NASON MFG. CO., 71 Fulton, New York
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Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
Pratt & Cady Co., Hartford, Conn.
Schutte & Koerting Co., 1251 N 12th, Phila., Pa.
Smolensky M. Mfg. Co., 2108 Superior av, N W, Cleveland, O.
See adv index at end of book
Stephens Roe Mfg. Co. ("Scott"), Detroit, Mich.
Watts Regulator Co. ("Watts"), Lawrence, Mass.
Worthington Pump & Machy. Corp., 115 Broadway, New York
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16273— Valves (Back Water & Sewer Gas)

Advance Mfg. Co. ("Palmer"), Erie, Pa.
Barrett Jas. Mfg. Co., ("Barrett," "O. D.") 117 Pearl, Boston, Mass.
Edwardsville Brass Co., Edwardsville, Ill.
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Glenn Fred. E. ("Glenn" Combination Floor Drain & Back Water Valve), St. Charles, Ill.
Kennedy Valve Mfg. Co. ("Pennie"), Elmira, N. Y.
Wade Iron Sanitary Mfg. Co., 551 Fulton, Chicago, Ill.

16274— Valves (Balance)

Acton John, 118 John, Brooklyn, N. Y.
American Balance Valve Co. ("American" Balanced & "Jack Wilson" High Pressure), Jersey Shore, Pa.
American Foundry & Construction Co., 2nd av & Longworth, Pittsburgh, Pa.
Atwood & Morrill (Lever), 48 Loring av, Salem, Mass.
Baker Valve Co. ("Baker" Balanced Piston), 1855 E 28th, Minneapolis, Minn.
Belfield H. Co., 435 N Broad, Phila., Pa.
Bridgman Bros. Co. ("Quick Opening" Balanced Regulating), 1426 Washington av, Phila., Pa.
Buckeye Iron & Brass Works, Dayton, O.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago Ill.
For branch offices see Alphabetical Section
Davis Geo. M. Regulator Co. (Steam, Air & Water), 422 Milwaukee av, Chicago, Ill.
Dow Pump & Diesel Engine Co., 417 Market, San Francisco, Cal.
Engineers' Appliance Co. ("Hydromatic"), Cleveland, O.
Foster Engineering Co. (Lever), 109 Monroe, Newark, N. J.
Golden-Anderson Valve Specialty Co. ("Anderson"), Fulton bldg, Pittsburgh, Pa.
Gould Balance Valve Co., Kellogg, Ia.
Hammett H. G. ("Richardson" & "Allen-Richardson" Slide Locomotive), Troy, N. Y.
Harris Arthur & Co., 212 N Curtis, Chicago, Ill.
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Klipfel Mfg. Co. ("K. & T."), 2651 W Harrison, Chicago, Ill.
Locke Regulator Co., Salem, Mass.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
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McNab & Harlin Mfg. Co., 55 John, New York
MASON REGULATOR CO. ("Mason"), 1192 Adams, Boston, Mass.
See adv index at end of book
NASON MFG. CO., (Balance & Quick Opening), 71 Fulton, New York
See adv index at end of book
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
Schutte & Koerting Co., 1251 N 12th, Phila., Pa.
Spencer Regulator Co. ("Spencer"), Salem, Mass.
Stephens Roe Mfg. Co., Detroit, Mich.
Waters Governor Co., 141 Milk, Boston, Mass.
Watts Regulator Co. ("Watts"), Lawrence, Mass.

16274a—Valves (Balanced Float)

"S-C" Regulator Mfg. Co., Fostoria, O.

16275—Valves (Balanced Lever)

LUNKENHEIMER CO. Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
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Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
See adv index at end of book
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.

16276— Valves (Ball)

American Ball Valve & Mfg. Co., 578-80 Franklin, Detroit, Mich.
Chicago Well Supply Co. (Bronze), 232 W Ontario, Chicago, Ill.
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.
Draper Mfg. Co., Port Huron, Mich.
Edward Valve & Mfg. Co. ("Edward" Ball Reducing), Edison bldg, Chicago, Ill.
FAIRBANKS CO. ("Sphero"), 416 Broome, New York
For branch houses see Alphabetical Section
LUNKENHEIMER CO. Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
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McRae & Roberts Co., 227 Compbell av, Detroit, Mich.
See adv index at end of book
Williams D. T. Valve Co., Cincinnati, O.

16277—Valves (Ball Stock)

Ticonderoga Machine Works, Ticonderoga, N. Y.

16278— Valves (Bell End)

FAIRBANKS CO., 416 Broome, New York
For branch houses see Alphabetical Section
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.

16279—Valves (Bicycle Tire)

See also Valves, Motor Tire

Schrader's A & Son, Inc. ("Schrader" Pneumatic), 783-813 Atlantic av, Brooklyn, N. Y.

16280—Valves (Blast Furnace)

Amsler Walter O., Wabash bldg, Pittsburgh, Pa.
Hartman Co., 1231 N Front, Phila., Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.

16281-2—Valves (Blast & Gas)

American Foundry & Construction Co., 2nd av & Longworth, Pittsburgh, Pa.
Atlas Engineering Co. (Gas) Amherst, O.
See adv index at end of book
Chapman Valve Mfg. Co., ("Chapman") Indian Orchard, Mass.
Connersville Blower Co., Connersville, Ind.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Marshall Foundry Co. (Gas), Pittsburgh, Pa.
Miller W. R. Co. (Gas), House bldg, Pittsburgh, Pa.
Morgan Construction Co. (Dyblie, Reversing Valves for Gas & Air), Worcester, Mass.
Philadelphia Roll & Machine Co. (Gas), 25th & Washington av, Phila., Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pratt & Cady Co. ("P. & C." Gas), Hartford, Conn.
Roots P. H. & F. M. Co., Connersville, Ind.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
Universal Valve Co., Burlington, Wis.
Weimer Machine Works Co., Lebanon, Pa.
Western Gas Construction Co. (Gas), Ft. Wayne, Ind.
Williams J. H. & Co. (Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

16282a—*Valves (Block Tinned, Brass & Iron)

Marsh Valve Co., Erie, Pa.
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book

16283— Valves (Blow-off)

Acton John, 118 John, Brooklyn, N. Y.
American Foundry & Const. Co., 2nd av & Longworth, Pittsburgh, Pa.
Ashton Valve Co., 161 First, Cambridge, Mass.
Baker Mfg. Corp. ("Baker & Shevlin"), Saratoga Springs, N. Y.
Bashlin Co., Warren, Pa.
Bordo L. J. Co. (For Locomotives, also Blower), 12th & Thompson, Phila., Pa.
Buckeye Iron & Brass Works (Brass & Iron Wuy, etc), Dayton, O.
Cadman A. W. Mfg. Co. ("Indestructible" High Pressure, etc.), 2816 Smallman, Pittsburgh, Pa.
Chapman Valve Mfg. Co., ("Chapman") Indian Orchard, Mass.

Chicago Mfg. Co. ("Lippy," 2-inch Brass), 1464 S. Michigan av, Chicago, Ill.
Coale Muffler & Safety Valve Co., 325 E. Oliver, Baltimore, Md.
Crane Co. (Est. 1855), 836 S Michigan av. Chicago, Ill.
For branch offices see Alphabetical Section
Crosby Steam Gage & Valve Co. ("Johnstone"), 40 Central, Boston, Mass.
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.
De Zouche, Hanson & Co. ("R. C."), 14 N 5th, Phila., Pa.
Douds Frank C. & Co. ("Douds"), New Castle, Pa.
Eastwood Wire Mfg. Co. (For Digesters, etc), Belleville, N. J.
Edward Valve & Mfg. Co., ("Edward"), Edison bldg, Chicago, Ill.
Elliott Co. ("Faber"), Pittsburgh, Pa.
Everlasting Valve Co., 2 Rector, New York
Eynon-Evans Mfg. Co., N 15th & Clearfield, Phila., Pa.
FAIRBANKS CO. ("Sphero"), 416 Broome, New York
For branch houses see Alphabetical Section
Fire & Gas Appliance Co., 1906 Wyandotte, Kansas City, Mo.
Fowden Wm. T. ("Security"), Chester, Pa.
Hancock Inspirator Co., 119 W 40th, New York
Haydenville Co. (Brass & Iron), Haydenville, Mass.
Hoffmann B. Mfg. Co., 257 6th, Milwaukee, Wis.
Homestead Valve Mfg. Co., Pittsburgh, Pa.
Illinois Engineering Co., 5021 S State, Chicago, Ill.
Jarecki Mfg. Co. (Iron Body Angle), Erie, Pa.
Jenkins Bros. (Y or Blow-Off), 80 White, New York
Kelly & Jones Co. ("Y." & "Myers" Pattern), 135 Water, Pittsburgh, Pa.
Konold M. J. Co. (Locomotive), Bessemer bldg, Pittsburgh, Pa.
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
LUNKENHEIMER CO. ("Duro," "Renewo" Locomotive, Angle & Straightway), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Lytton Mfg. Corp. ("Lytton"), Franklin, Va.
McRae & Roberts Co., 227 Campbell av, Detroit, Mich.
See adv index at end of book
Murray Specialty Mfg. Co., 97 Woodbridge, Detroit, Mich.
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
National Supply Co. ("Shaw"), Toledo, O.
Neenah Brass Works, Neenah, Wis.
Nelson Valve Co., Harrison bldg., Philadelphia, Pa.
Newhall Geo. M. Engineering Co. ("Vance" Compound), Commercial Trust bldg, Philadelphia, Pa.
O'Malley-Beare Valve Co. ("Multiplate" for Locomotive & Stationary Plants), Railway Exchange bldg, Chicago, Ill.
Patterson-Allen Engineering Co. ("Everlasting"), 2 Rector, New York
Pittsburgh Gage & Supply Co. ("Pittsburgh"), 30th & Liberty av, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co., Frick bldg., Pittsburgh, Pa.
Powell Wm. Co. ("Cyclone," "White Star," "Powell" & Y), Cincinnati, O.
Pratt & Cady Co. ("P. & C."), Hartford, Conn.
Queen City Brass & Iron Works ("Hesterberg"), Cincinnati, O.
Richardson-Phenix Co. ("Nokut"), Milwaukee, Wis.
Robertson Jno. F. Co. ("Robertson"), Park bldg, Pittsburgh, Pa.
Sargent Co. ("E. S. E." for Locomotives), Fisher bldg, Chicago, Ill.
Schiller Jos. F. ("Nolan") 316 S Lawrence, Philadelphia, Pa.
Schiller, Nolan & Co. ("Nolan"), 820 Cherry, Phila., Pa.
Scully Steel & Iron Co. ("Everlasting"), 2364 S Ashland av, Chicago, Ill.
Shevlin Geo. F. Mfg. Co. ("Baker & Shevlin"), Saratoga Springs, N. Y.
Smolensky M. Mfg. Co., 2108 Superior av, N W, Cleveland, O.
See adv index at end of book
Star Brass Mfg. Co., 108 E Dedham, Boston, Mass.
Talmage Mfg. Co., Cleveland, O.
Watson & McDaniel Co. ("W. & McD.," Straightway), 146 N 7th, Phila., Pa.
Wickes Boiler Co., Saginaw, Mich.
Williams D. T. Valve Co., Cincinnati, O.
Wiltbonco Mfg. Co. ("Freeport"), 24 Porter, Boston, Mass.
Yarnall-Waring Co. & "Simplex" Seatless), Harrison bldg., Philadelphia, Pa.

16284—Valves (Boiler Feed)

American Foundry & Const. Co., 2nd av & Longworth, Pittsburgh, Pa.
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.
Edward Valve & Mfg. Co., ("Edward" Boiler Feed Pump), Edison bldg, Chicago, Ill.
Engineers Appliance Co. ("Hydromatic"), Cleveland, O.
FAIRBANKS CO., 416 Broome, New York
For branch houses see Alphabetical Section
Homestead Valve Mfg. Co., Pittsburgh, Pa.
Jenkins Bros., 80 White, New York
Knapp Bros. Mfg. Co. ("Knapp's" Automatic), 2419 W 14th, Chicago, Ill.
Locke Regulator Co., Salem, Mass.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
New Bedford Valve Mfg. Co., New Bedford, Mass.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Williams D. T. Valve Co., Cincinnati, O.

16285— Valves (Boiler Stop)

Darling Pump & Mfg. Co., Williamsport, Pa.
Golden-Anderson Valve Specialty Co. ("Anderson"), Fulton bldg, Pittsburgh, Pa.
Homestead Valve Mfg. Co., Pittsburgh, Pa.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
New Bedford Valve Mfg. Co. (& Reverse Current), New Bedford, Mass.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Powell Wm. Co. ("Powell White Star" Automatic Non-Return Regulator), Cincinnati, O.
Williams D. T. Valve Co., Cincinnati, O.

16286— Valves (Butterfly)

American Foundry & Const. Co., 2nd av & Longworth, Pittsburgh, Pa.
Buckeye Iron & Brass Works, Dayton, O.
Coldwell-Wilcox Co., Newburgh, N. Y.
Crane Co. (Est. 1855) (Brass & Iron), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Hoffman B. Mfg. Co., 257 6th, Milwaukee, Wis.
Jarecki Mfg. Co. (Iron Body), Erie, Pa.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McNab & Harlin Mfg. Co., 55 John, New York
Marshall Foundry Co., Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry., Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co., Frick bldg., Pittsburgh, Pa.
Powell Wm. Co. ("Powell" Brass & Iron), Cincinnati, O.
Schutte & Koerting Co. ("Schutte" Engine, Stops, etc), 1251 N 12th, Philadelphia, Pa.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

16287— Valves (By-Pass)

Darling Pump & Mfg. Co., Williamsport, Pa.
FAIRBANKS CO., 416 Broome, New York
For branch houses see Alphabetical Section
Ford Thos. P. Co., 407 Broome, New York
Jenkins Bros., 80 White, New York
Lloyd Construction Co. ("Lloyd"), Detroit, Mich.
LUNKENHEIMER CO. ("Victor"). Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
McRae & Roberts Co., 222 Campbell av, Detroit, Mich.
See adv index at end of book
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
See adv index at end of book
Pittsburgh Valve & Fittings Co., Frick bldg., Pittsburgh, Pa.
Pratt & Cady Co. ("P. & C"), Hartford, Conn.

16288—Valves (Carbonic Acid Gas)

McNab & Harlin Mfg. Co., 55 John, New York

16289— Valves (Cask)

Deckebach F. C. Sons Co., 123 W Court, Cincinnati, O.

16290— Valves (Check)

Acton Jno. (Boiler Antomatic Stop & Triple Duty), 118 John, Brooklyn, N. Y.
Albany Steam Trap Co. ("Blessing"), Albany, N. Y.
American Foundry & Const. Co., 2nd av & Longworth, Pittsburgh, Pa.
American Steam Gauge & Valve Mfg. Co., (Hydraulic), 208 Camden, Boston, Mass.
American Valve Co. (Swing), Coxsackie, N. Y.
Aterite M. H. Co., Inc. (For Sulphuric Acid), 55 John, New York
Bashlin Co., Warren, Pa.
Belfield H. Co., 435 N Broad, Phila., Pa.
For branch offices see Alphabetical Section
Breeze Carbureter Co, 250 South, Newark, N. J
Buckeye Iron & Brass Works (Iron & Brass Body), Dayton, O.
Chambersburg Engng Co., (Hydraulic) Chambersburg, Pa.
Chapman Valve Mfg. Co., ("Chapman") Indian Orchard, Mass.
Coffin Valve Co., Neponset, Boston, Mass.
Coldwell-Wilcox Co., Newburgh, N. Y.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Crane Co., Bridgeport, Conn.
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.
Davis Geo. M. Regulator Co. (Auto), 422 Milwaukee av, Chicago, Ill.
Detroit Brass Works, Detroit, Mich.
Draper Mfg. Co. (Ball Check), Port Huron, Mich.
Eastwood Wire Mfg. Co. (Regrinding), Belleville, N. J.
Eddy Valve Co., Waterford, N. Y.
Edward Valve & Mfg. Co. ("Edward" Vertical & Horizontal), Edison bldg, Chicago, Ill.
Evans Mfg. Co. (Ltd.), Butler, Pa.
Eynon-Evans Mfg. Co. (Extra Heavy), N 15th & Clearfield, Phila., Pa.
FAIRBANKS CO., 416 Broome, New York
For branch houses see Alphabetical Section
Fewlass-Leen Brass & Iron Co, 610 E Front, Cincinnati, O.
Flower Stephen Mfg. Co., 107 Parkinson, Detroit, Mich.
Foster Engineering Co. (Automatic Non-Return Stop), 109 Monroe, Newark, N. J.
French Oil Mill Machinery Co., Piqua, O.
General Ceramics Co. (Stoneware), 50 Church, New York
General Fire Extinguisher Co. (Iron Body), Providence, R. I.
Golden-Anderson Valve Specialty Co., Fulton, bldg, Pittsburgh, Pa.
Hall Mfg. Co., Harrison, N. J.
Hancock Inspirator Co. (Swing), 119 W 40th, New York
Haydenville Co. (Brass & Iron Body), Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
Hennebohle (Automatic), 8101 S. Chicago av, Co., Chicago, Ill.
Hinman D. A. & Co. ("Enterprise," "Horizontal"), Sandwich, Ill.
Hoffman B. Mfg. Co. (Brass & Iron), 257 6th, Milwaukee, Wis.
Hoffman & Billings Mfg. Co., 100 2nd, Milwaukee, Wis.
Homer Brass Works (Inc.), 231 Race Phila., Pa.

VALVES (CHECK)—continued

Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, Ohio
Jarecki Mfg. Co., Erie, Pa.
Jenkins Bros., 80 White, New York
Kelly & Jones Co. (Brass, Iron Body, etc), **135 Water, Pittsburgh, Pa.**
Kennedy Valve Mfg. Co. ("Swinging"), Elmira, N. Y.
Kinsey & Mahler Co. ("K. & M."), Peoria, Ill
Lagonda Mfg. Co. (Automatic Cutoff), Springfield, O.
Locke Regulator Co., Salem, Mass.
Lonergan J. E. Co., 211 Race, Phila., Pa.
Long Grate Bar Co ("Geiser," Automatic Water Gauge), Buffalo, N. Y.
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
LUNKENHEIMER CO. ("Renewo" Ball & Swing). Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McDonald A. Y. Mfg. Co., Dubuque, Ia.
McNab & Harlin Mfg. Co., 55 John, New York
Mark Mfg Co., Evanston, Ill.
Max Machine Co. ("K-V"), Clinton, Mass.
Milwaukee Valve Co. ("M"), 139 Burrell, Milwaukee. Wis.
Monarch Valve Co. ("Monarch"), 112 Front, Brooklyn, N. Y.
Mueller H. Mfg. Co. (Non-Foulding Turbine), Decatur, Ill.
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
National Brass Mfg. Co. (Swing Check), Rochester, N. Y.
Neenah Brass Works, Neenah, Wis.
Nelson N. O. Mfg. Co. ("Reid"), 10th & Chestnut, St. Louis, Mo.
Nelson Valve Co. (Horizontal Cup, Vertical, Swing & Cushioned Stop & Check & Horintal Check), Harrison bldg., Philadelphia, Pa.
Ohio Brass Co. ("A-B" Bronze), Mansfield, Ohio
Ohio Injector Co. ("O. I. Co."), Wadsworth, O.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
O'Malley-Beare Valve Co. (Multiplate), Railway Exchange bldg, Chicago, Ill.
Peck Bros. & Co., New Haven, Conn.
Pittsburgh Piping & Equipment Co., 35th & Charlotte, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. & V. R. R., Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
Powell Wm. Co. ("Powell White Star," "Crescent" & "Star" Horizontal Angle, Swing Ball, Vertical, etc), Cincinnati, O
Pratt & Cady Co. ("P. & C"), Hartford, Conn.
Queens City Brass & Iron Works, Cincinnati, O.
Rensselaer Valve Co. (Horizontal), Troy, N. Y.
Richardson-Phenix Co. ("Nokut"), Milwaukee, Wis.
Robertson Jno. F. Co. ("Robertson" Noiseless), Park bldg, Pittsburgh, Pa.
Rundle-Spence Mfg. Co., 63 2nd, Milwaukee, Wis.
Schutte & Koerting Co. ("Schutte" Automatic Emergency Stop Check), 1251 N 12th, Phila., Pa.

The M. Smolensky Mfg. Co.

GLOBE AND ANGLE VALVES
ROTARY SUCTION AND
CHECK VALVES

2108 Superior Ave. N. W.
Cleveland, O., U. S. A.

Smolensky M. Mfg. Co., 2108 Superior av, N W, Cleveland, O.
See adv index at end of book

Star Brass Mfg. Co., 108 E Dedham, Boston, Mass.
Stephens Roe Mfg. Co. ("Flower," "Scott," "Rouse"), Detroit, Mich.
Thompson J. & Co., Van Horn & Sophia, Phila., Pa.
Walworth Mfg. Co., Boston, Mass.
Williams D. T. Valve Co., Cincinnati, O.
Wilfert John Co., 258 B'way, New York
Williams Wm. E. ("Wew"), 62 Front, New York
Wood R. D. & Co., 400 Chestnut, Phila., Pa.
Worthington Pump & Machy. Corp., 115 B'way, New York
See adv index at end of book

16291— Valves (Chimney)

Amsler Walter O., Wabash bldg, Pittsburgh, Pa.
Hartman Co. (For Blast Furnace), 1231 N Front, Phila., Pa.

16292—Valves (Chronometer)

Kelly & Jones Co. ("Empire" Automatic), **135 Water, Pittsburgh, Pa.**
Union Water Meter Co. (For Water, Steam, Gas & Pump Regulation), Worcester, Mass.

Valves (Closet Flushing)

See Valves, Flushing

Valves (Coke Oven)

See Valves, Gas & Coke Oven

16293—Valves (Conductors')

WESTINGHOUSE AIR BRAKE CO., Pittsburgh, Pa.

16294— Valves (Corner)

Buckeye Iron & Brass Wks. (With or Without Jenkins Disc), Dayton, O.
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Jenkins Bros., 80 White, New York
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Marsh Valve Co., Erie, Pa.

16295— Valves (Critchlow)

American Foundry & Const. Co., 2nd av & Longworth, Pittsburgh, Pa.
MORGAN ENGINEERING CO., Alliance, O. *See adv index at end of book*
Pittsburgh Valve, Foundry & Construction Co. (Operating), 26th & A. V. R. R., Pittsburgh, Pa.

16296— Valves (Cross)

Buckeye Iron & Brass Works (Regrinding Cross, Crosshead, Pump, etc), Dayton, Ohio
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
FAIRBANKS CO., 416 Broome, New York
For branch houses see Alphabetical Section
Hancock Inspirator Co., 119 W 40th, New York
Hoffmann B. Mfg. Co. (Iron Body), 257 6th, Milwaukee, Wis.
Jenkins Bros., 80 White, New York
Kelly & Jones Co. ("Excelsior," Regrinding) **135 Water, Pittsburgh, Pa.**
LUNKENHEIMER CO. ("Renewo," "Ferrenewo"). Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McNab & Harlin Mfg. Co. (Brass & Iron), 55 John, New York
Milwaukee Valve Co. ("M," Brass), 139 Burrell, Milwaukee, Wis.
O'Malley-Beare Valve Co. ("Multiplate"), Railway Exchange bldg., Chicago, Ill.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Powell Wm. Co. ("Powell White Star," "Model Star" & "Crescent"), Cincinnati, O.
Pratt & Cady Co. ("P & C"), Hartford, Conn.
Star Brass Mfg. Co., 108 E Dedham, Boston, Mass.
Williams Wm. E. ("Wew"), 62 Front, New York

16297— Valves (Cut-off)

Lagonda Mfg. Co. ("Weinland" Automatic), Springfield, O.
LUNKENHEIMER CO. Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Powell Wm. Co., Cincinnati, O.

16298—Valves (Cylinder Operated)

LUNKENHEIMER CO. ("Victor"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Pittsburgh Valve, Foundry & Construction Co. ("Stuart" Two Pressure), 26th & A. V. R. R., Pittsburgh, Pa.

16299—Valves (Diaphragm Reducing)

Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
See adv index at end of book
Ross Valve Mfg. Co., 9 Oakwood av, Troy, N. Y. *See adv index at end of book*
Watson & McDaniel Co. ("Watson"), 146 N 7th, Phila., Pa.

16300—Valves (Electrically Operated)

Chapman Valve Mfg. Co., ("Chapman") Indian Orchard, Mass.
Engineers' Appliance Co. ("Hydromatic"), Cleveland, O.
Gold Car Heating & Lighting Co., 17 Battery pl, New York
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
Nelson Valve Co., Harrison bldg., Philadelphia, Pa.
Pratt & Cady Co. ("P & C"), Hartford, Conn.
Rensselaer Valve Co., Troy, N. Y.

16301—Valves (Emergency)

Engineers' Appliance Co. ("Hydromatic"), Cleveland, O.
Fire & Gas Appliance Co., 1906 Wyandotte, Kansas City, Mo.
Foster Engineering Co. (Boiler Safety Stop Combination or 4 Duty), 109 Monroe, Newark, N. J.
Garrett W. D. & Co. (Boiler Shut-Off), 136 Liberty, New York
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
National Brake & Electric Co. (And Variable Release, "National" for Electric Cars), ft. Belleview pl, Milwaukee, Wis.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Schutte & Koerting Co. (Stop Check), 1251 N 12th, Phila., Pa.

16302-3—Valves (Engine & Tank)

Handlan-Buck Mfg. Co. ("Cotter's"), 210-14 N. 3d, St. Louis, Mo.
Hoffmann B. Mfg. Co. (Three-Way Engine), 257 6th, Milwaukee, Wis.

16304— Valves (Exhaust)

Baker Ice Machine Co. (Automatic), Omaha, Neb.
Barco Brass & Joint Co. (Automobile), 212 W Illinois, Chicago, Ill.
Chapman Valve Mfg. Co., ("Chapman") Indian Orchard, Mass.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
FAIRBANKS CO., 416 Broome, New York
For branch houses see Alphabetical Section
Foster Engineering Co. (Free Exhaust), 109 Monroe, Newark, N. J.
Harrison Safety Boiler Works, 3147 N 17th, Phila., Pa.
Mead-Morrison Mfg. Co. ("Three-Way"), cor Prescott & Orleans, East Boston, Mass.
Nelson Valve Co., Harrison bldg., Philadelphia, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.

Pratt & Cady Co. ("P & C"), Hartford, Conn.
Schutte & Koerting Co. ("Schutte" Marine Free Exhaust), 1251 N 12th, Phila., Pa.

16305-6— Valves (Fibre)

See also Fibre Manufacturers, Hard

American Vulcanized Fibre Co. (Vulcanized), 504 Equitable bldg, Wilmington, Del.
Brandywine Fibre Products Co. ("Davis"), East Wilmington, Del.
Continental Fibre Co. (Vulcanized Fibre), Newark Centre, Del.
DELAWARE HARD FIBRE CO., Wilmington, Del. Works: Marshalltown, Del. *See adv index at end of book*
Diamond State Fibre Co., Elsmere, Del.
Spaulding J. & Sons Co. (Hard Fibre), P. O Box 52, Tonawanda, N. Y. *See adv index at end of book*
Standard Fibre Co. (Hard Fibre), Miller st, Somerville, Mass.
WILMINGTON FIBRE SPECIALTY CO. (Vulcanized), Wilmington, Del. *See adv index at end of book*

16307— Valves (Flap)

Coldwell-Wilcox Co., Newburgh, N. Y.
Columbian Iron Works, Chattanooga, Tenn.
Ludlow Valve Mfg. Co. (For Sewers), ft. of Adams, Troy, N. Y.

16308— Valves (Float)

American Steam Gauge & Valve Mfg. Co. ("American Ideal" Automatic), 208 Camden, Boston, Mass.
Beaton & Cadwell Mfg. Co. ("Gem No. 4,"Welby," Special "Jumbo," "Perfection"), New Britain, Conn.
Bushnell Tank Works, Bushnell, Ill.
Butler Co., Butler, Ind.
Caldwell W. E. Co., Louisville, Ky. *See adv index at end of book*
Commonwealth Brass Works (Gasoline), Detroit, Mich.
Davis Geo. M. Regulator Co. ("Davis"), 422 Milwaukee av, Chicago, Ill.
Detroit Metal Spinning Co., 197 Monroe av, Detroit, Mich.
Eddy Valve Co. (Automatic Balance), Waterford, N. Y.
Engineers' Appliance Co. ("Hydromatic"), Cleveland, O.
Fairbanks Co., 416 Broome, New York *For branch houses see Alphabetical Section*
Flint & Walling Mfg. Co. "Hoosier" (For Tanks), Kendallville, Ind.
Foster Engineering Co. (Auxiliary & Direct Acting Type), 109 Monroe, Newark, N. J.
Freshour Henry C. ("F. F. V."), Bridgeport, Conn.
Golden-Anderson Valve Specialty Co. ("Anderson" Automatic), Fulton bldg, Pittsburgh, Pa.
Hayes Pump & Planter Co. ("The Enterprise"), Galva, Ill.
Hinman D. A. & Co. ("Enterprise" Railroad & Tank), Sandwich, Ill.
Homestead Valve Mfg. Co., Pittsburgh, Pa.
Illinois Engineering Co. ("Eclipse"), 5021 S. State, Chicago, Ill.
Klipfel Mfg. Co. ("K. & T."), 2651 W Harrison, Chicago, Ill.
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
Mason Regulator Co., ("Mason"), 1192 Adams, Boston, Mass. *See adv index at end of book*
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co., Frick bldg., Pittsburgh, Pa.
Scheve Mfg. Co., 2528 N American, Phila., Pa.
Schutte & Koerting Co., 1251 N 12th, Phila., Pa.
Simmons John Co., 110 Centre, New York
Watts Regulator Co. ("Watts"), Lawrence, Mass.
Western Mfg. Co. ("Iowa"), Oskaloosa, Ia.

16309— Valves (Flushing)

Acheson Mfg. Co. ("Ampinco" Syphon), Rankin, Pa.
American Pin Co. (Syphon), Waterbury, Conn.
Ansonia Mfg. Co., 15 Park row, New York
Boston Brass Co., ("B. B.") 135 Bacon Waltham, Mass. *See adv index at end of book*
Cleveland Flush Meter Co. ("Cleveland" Push Button & Lever Action Flush Meter), 118 Noble ct., Cleveland, O.
Columbus Brass Co., 538 Dublin av, Calumbus, O. *See adv index at end of book*
Dalton-Ingersoll Mfg. Co., 52 Chauncy, Boston, Mass.
Dececo Co. ("Carson," "N-B," "D-C"), 157 High, Boston, Mass.
Detroit Tank & Seat Co., Detroit, Mich.
Edwardsville Brass Co., Edwardsville, Ill.
Eichman J. C. Mfg. Co., Bush & Wicomico, Baltimore, Md.
Engineers' Appliance Co. ("Hydromatic"), Cleveland, O.
Excelovalve Co. ("Excel-O-Valve"), 1777 Broadway, New York
Exeter Brass Works ("N. H."), Exeter, N. H.
Federal-Huber Co., 234 N Halsted, Chicago, Ill.
Flushovalve Co. ("Flush-O-Valve"), 245 Centre, New York
Frost Mfg. Co. ("Frost" Low-Down Closet, etc), Kenosha, Wis.
Haas Philip Co. ("Haas"), Dayton, O.
Haines, Jones & Cadbury Co., 1136 Ridge av, Philadelphia, Pa.
Haydenville Co., Haydenville, Mass.
Heap Wm. & Sons (Syphon), Grand Haven, Mich.
Hinman D. A. & Co. ("Enterprise"), Sandwich, Ill.
Homer Brass Works, 231 Race, Phila., Pa.
Humphryes Mfg. Co., Mansfield, O.
Imperial Brass Mfg. Co. ("Watrous"), 524 S. Racine av, Chicago, Ill. *See adv index at end of book*
Jenkins Mfg. Co. ("Novio"), 20 Vesey, New York
Lipp Louis Co., Mitchell av & B. & O. Ry., Cincinnati, O.
Lutz Ferdinand, 555 W Broadway, New York
McCambridge Co., 20th & Wood, Philadelphia, Pa.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
McShane Bell Foundry Co., ("Rob") Harford av & B. & O. R. R., Baltimore, Md.
Miller Chas. A. Co. (Low-Down Closet), Sturgis, Mich.
Milwaukee Flush Valve Co., 1017 Clybourn, Milwaukee, Wis.
Monarch Brass Co. ("Monarch" Gravity), Cleveland, O.
Morency-Van Buren Mfg. Co. ("M. V. B."), Sturgis, Mich.
Mott J. L. Iron Works, Trenton, N. J.
Murphy Specialty Co. ("Murphy"), 90-2nd, Milwaukee, Wis.
Murray & Sorensen ("Unit"), 227 W. 17th, New York
Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
Park & McKay, 55 Bagley av, Detroit, Mich
Pasman Valve Co. ("Crest"), Jersey City, N. J.
Pfau Mfg. Co., Mentor & Huston, Norwood, Cincinnati, O.
Phillips Flushing Tank Co., 66 Batterymarch, Boston, Mass.
Rumsey L. M. Mfg. Co., 810 N 2nd, St. Louis, Mo.
Sampstone Mfg. Co. ("Sampstone"), 1607 Prairie av, Chicago, Ill.
Sanitas Mfg. Co. ("Sanitas"), 105 Washington, Boston, Mass.
Siegrist B. F., 263 Laurel, Buffalo, N. Y.
Single Faucet & Flush Valve Co. ("Kelmor"), 631 W Jackson blvd, Chicago, Ill.
Sloan Valve Co. ("Sloan"), 617 W Jackson blvd, Chicago, Ill.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Sterling Valve Co. ("Sterling"), Springfield, Mass.
Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.
Wolverine Brass Works ("Wolverine"), Grand Rapids, Mich.

16310— Valves (Foot)

Abendroth & Root Mfg. Co. (Galvanized Flanged), Newburgh, N. Y.
American Foundry & Const. Co., 2d av & Longworth, Pittsburgh, Pa.
AMERICAN SPIRAL PIPE WORKS (Also Valve & Strainer Combined), Chicago, Ill. *See adv index at end of book*
Belfield H. Co., 435 N Broad, Phila., Pa.
Brown A. & F. Co. ("Newman" Patent Continuous Service), 79 Barclay, New York
Buckeye Iron & Brass Works, Dayton, O
Butler Co., Butler, Ind.
Coffin Valve Co., Neponset, Boston, Mass.
Crane Co., Bridgeport, Conn.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill. *For branch offices see Alphabetical Section*
Darling Pump & Mfg. Co., Ltd., Williamsport, Pa.
Eddy Valve Co., Waterford, N. Y.
Emerson Pump & Valve Co., Alexandria, Va.
Engineers Appliance Co. ("Hydromatic" for Water Works, etc), Cleveland, O.
Flower-Stephens Mfg. Co., 107 Parkinson, Detroit, Mich.
General Ceramics Co. (Stoneware), 50 Church, New York
Hoffmann B. Mfg. Co. (Valves & Strainers), 257 6th, Milwaukee, Wis.
Hoffman-Billings Mfg. Co., Milwaukee, Wis.
Jarecki Mfg. Co. (Iron Body), Erie, Pa.
Kelly & Jones Co. (Brass, Iron & Iron Body), 135 Water, Pittsburgh, Pa.
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
McNab & Harlin Mfg. Co. (Foot Valve & Strainer), 55 John, New York
Mark Mfg. Co., Evanston, Ill.
NASON MFG. CO., 71 Fulton, New York *See adv index at end of book*
Newbury J. H., Goshen, N. Y.
Newman Mfg. Co. ("Newman" Continuous Service), 79 Barclay, New York
Pancoast H. B. Co. (Combined Foot Valve & Strainer), 243 S 3d, Phila., Pa.
Pittsburgh Valve, Foundry & Construction Co., Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co., Frick bldg., Pittsburgh, Pa.
Smolensky M. Mfg. Co., 2108 Superior av, N W, Cleveland, O. *See adv index at end of book*
Stephens Roe Mfg. Co. ("Flower"), Detroit, Mich.
Thompson J. & Co., Van Horn & Sophia, Philadelphia, Pa.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.
Worthington Pump & Machy. Corp., 115 Broadway, New York *See adv index at end of book*

16311-2—Valves (Foot Action, for Drinking Fountains)

Speakman Supply & Pipe Co., 30th & Spruce, Wilmington, Del.

Valves (Gas)

See Valves, Blast & Gas

16313— Valves (Gas Log)

Crane Co. (Brass), Bridgeport, Conn.
Hays Mfg. Co., Erie, Pa.
Kelly & Jones Co. (Brass), 135 Water, Pittsburgh, Pa.
McNab & Harlin Mfg. Co., 55 John, New York
Simmons John Co., 110 Centre, New York

16314— Valves (Gas Main)

American Foundry & Const. Co., 2nd av & Longworth, Pittsburgh, Pa.
Bate Wm. T. & Son, Conshohocken, Pa.
Beaumont Valve & Hydrant Works, Kankakee, Ill.
Bowler Foundry Co., 1688 Columbus, Cleveland, O.
Chapman Valve Mfg. Co. ("Chapman"), Indian Orchard), Mass.
Crane Co. (Est. 1855), (Iron & Brass), 836 S. Michigan av, Chicago, Ill. *For branch offices see Alphabetical Section*
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.
Eddy Valve Co., Waterford, N. Y.
Gas Machinery Co., 1900 Euclid av, Cleveland, O.
Hoffman B. Mfg. Co., 257 6th, Milwaukee, Wis.

VALVES (GAS MAIN)—continued

Kennedy Valve Mfg. Co., Elmira, N. Y.
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Nelson Valve Co., Harrison bldg, Phila., Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Rensselaer Valve Co., Troy, N. Y.
Stephens Roe Mfg. Co., Detroit, Mich.
Thompson J. & Co., Van Horn & Sophia, Phila., Pa.
Wood R. D. & Co., 400 Chestnut, Phila, Pa.

16315—Valves (Gas or Coke Oven)

Blaw-Knox Co. (Water Cooled), Farmers Bank bldg, Pittsburgh, Pa.
Crane Co., Bridgeport, Conn.
Crane Co. (Est. 1855), (Brass), 836 S. Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Hays Mfg. Co., Erie, Pa.
Homestead Valve Mfg. Co., Pittsburgh, Pa.
Jarecki Mfg. Co., Erie, Pa.
Kelly & Jones Co. (Brass), 135 Water, Pittsburgh, Pa.
Kennedy Valve Mfg. Co. (Light All Iron Gate with Steel Stem), Elmira, N. Y.
McNab & Harlin Mfg. Co., 55 John, New York
Miller W. R. Co. (Coke Oven), House bldg., Pittsburgh, Pa.
Pittsburgh Gage & Supply Co. ("Pittsburgh"), 30th & Liberty av, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co., Frick bldg., Pittsburgh, Pa.
Powell Wm. Co., Cincinnati, O.
Swindell Wm. & Bros., Jenkins Arcade bldg., Pittsburgh, Pa.
Wellman-Seaver-Morgan Co., Cleveland, O.
Williams D. T. Valve Co., Cincinnati, O.

16315a—Valves (Gas Producer Plant)

Atlas Engineering Co., Amherst, O.
See adv index at end of book
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.

16316—Valves (Gas, Safety)

LUNKENHEIMER CO. Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Smolensky M. Mfg. Co., 2108 Superior av, N W, Cleveland, O.
See adv index at end of book

16317—Valves (Gas Shut-off)

Fire & Gas Appliance Co. ("Sieben" Manual & Automatic), 1906 Wyandotte, Kansas City, Mo.
Schroeder Edward Lamp Works (Automatic), 716 Jersey av, Jersey City, N. J.
Universal Valve Co. ("Kno-Pak"), Burlington, Wis.

16318—Valves (Gas, Siemen)

Amsler Walter O., Wabash bldg, Pittsburgh, Pa.
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

16319— Valves (Gate)

Albany Steam Trap Co. ("Blessing"), Albany, N. Y.
American District Steam Co. (Packless Iron & Brass Body), North Tonawanda, N. Y.
American Foundry & Const. Co., 2nd av & Longworth, Pittsburgh, Pa.
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
American Valve Co., Coxsackie, N. Y.
Aterite M. H. Co., Inc. (For Sulphuric Acid), 55 John, New York
Buckeye Iron & Brass Works, Dayton, O.
Capitol Brass Works ("Stanard"), Detroit, Mich.
Cayuta Mfg. Co. (For Steam, Gas & Oil), Sayre, Pa.
Chapman Valve Mfg. Co. ("Chapman"), Indian Orchard, Mass.
Coffin Valve Co., Neponset, Boston, Mass.
Coldwell-Wilcox Co. ("Wilcox"), Newburgh, N. Y.
Columbian Iron Works, Chattanooga, Tenn.
Crane Co., Bridgeport, Conn.
Crane Co. (Est. 1855), (Iron & Brass), 836 S. Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Darling Pump & Mfg. Co. (Ltd.), (Brass, Iron Body and all Iron), Williamsport, Pa.
Detroit Brass Works, Detroit, Mich.
Detroit Lubricator Co. ("Detroit"), Detroit, Mich.
Eddy Valve Co. ("Eddy" Parallel & Taper Seat), Waterford, N. Y.
Engineers' Appliance Co. ("Hydromatic"), Cleveland, O.
Eureka Brass Works ("Eureka" Brass Straightway), 1040 Hulbert av, Cincinnati, O.
FAIRBANKS CO. (Brass & Iron), 416 Broome, New York
For branch houses see Alphabetical Section
Flower-Stephen Mfg. Co., 107 Parkinson, Detroit, Mich.
Glamorgan Pipe & Foundry Co., Lynchburg, Va.
Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
Harvey's A. Sons Mfg. Co., Detroit, Mich.
Haydenville Co., Haydenville, Mass.
Hoffmann B. Mfg. Co. (Brass & Iron Body), 257 6th, Milwaukee, Wis.
Homestead Valve Mfg. Co. (Straightway), Pittsburgh, Pa.
Iowa Valve Co., Oskaloosa, Ia.
Jarecki Mfg. Co., Erie, Pa.
Jenkins Bros., 80 White, New York
Kelly & Jones Co. (Brass & Iron), 135 Water, Pittsburgh, Pa.
Kennedy Valve Mfg. Co. (Iron, Brass & Bronze), Elmira, N. Y.
Loetzer Valve & Mfg. Co. ("Loetzer" Double), Monroeton, Pa.
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
LUNKENHEIMER CO. ("Clip," "Victor," "Handy"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McMANN & TAYLOR CO., 104 John, New York. *See adv index at end of book*
McNab & Harlin Mfg. Co. (Brass & Iron Body), 55 John, New York
Marsh Valve Co., Erie, Pa.
Marsh Valve Co. (Steam System), Dunkirk, N. Y.
Milwaukee Valve Co. ("M." Brass), 139 Burrell, Milwaukee, Wis.
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
National Valve & Mfg. Co., 31st & Liberty, Pittsburgh, Pa.
Nelson Valve Co. (Brass, Iron & Steel), Harrison bldg., Phila., Pa.
Newman Mfg. Co. (Continuous Service), 79 Barclay, New York
Ohio Brass Co. ("O-B" Bronze), Mansfield, Ohio
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Pelton Water Wheel Co., 19th & Harrison, San Francisco, Cal., & 890 West, New York
Pittsburgh Piping & Equipment Co., 35th & Charlotte, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co. ("Pittsburgh"), Frick bldg, Pittsburgh, Pa.
Pomona Mfg. Co., Pomona, Cal.
Powell Wm. Co. ("U. S.," "Pilot," "Star," "White Star"), Cincinnati, O.
Pratt & Cady Co. ("P. & C."), Hartford, Conn.
Queen City Brass & Iron Works ("Hesterberg," Brass & Iron Body), Cincinnati, O.
Rensselaer Valve Co., Troy, N. Y.
Rickersberg Brass Co., Cleveland, O.
Schutte & Koerting Co., 1351 N 12th, Phila., Pa.
Simmons John Co., 110 Centre, New York
Smith A. P. Mfg. Co., E Orange, N. J.
Star Brass Mfg. Co. ("Monogram"), 108 E Dedham, Boston, Mass.
Stephens, Roe Mfg. Co. (Scott's High Pressure, etc), Detroit, Mich.
Strong, Carlisle & Hammond Co., 336-344 Frankfort av, N W, Cleveland, O.
Thompson J. & Co., Van Horn & Sophia, Phila., Pa.
Walworth Mfg. Co., Boston, Mass.
Wheeler C. H. Mfg. Co. ("Wheeler Exhaust"), Lehigh av & 18th, Phila., Pa.
Wilfert John Co., 258 B'way, New York
Williams D. T. Valve Co. ("Cino"), Cincinnati, O.
Williams Wm. E. ("Wew"), 62 Front, New York
Wood R. D. & Co. (For Water, Gas, Oil & Steam), 400 Chestnut, Phila., Pa.

16320— Valves (Gate, for Water Mains)

American Foundry & Construction Co., 2nd av & Longworth, Pittsbprgh, Pa.
Beaumont Valve & Hydrant Works, Kankakee, Ill.
Bourbon Copper & Brass Works, Cincinnati, O.
Cayuta Mfg. Co., Sayre, Pa.
Chapman Valve Mfg. Co. ("Chapman"), Indian Orchard, Mass.
Coffin Valve Co., Neponset, Boston, Mass.
Coldwell-Wilcox Co., Newburgh, N. Y.
Columbian Iron Works, Chattanooga, Tenn.
Crane Co. (Est. 1855), 836 S. Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.
Drummond M. J. & Co., 51 Chambers, N. Y.
Eddy Valve Co., Waterford, N. Y.
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Iowa Valve Co., Oskaloosa, Ia.
Kennedy Valve Mfg. Co. ("Newtype"), Elmira, N. Y.
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
LUNKENHEIMER CO. ("Victor"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Marsh Valve Co., Erie, Pa.
Nelson Valve Co., Harrison bldg., Phila-Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co., Frick bldg., Pittsburgh, Pa.
Pratt & Cady Co. ("P. & C."), Hartford, Conn.
Rensselaer Valve Co., Troy, N. Y.
Simmons John Co., 110 Centre, New York
Smith A. P. Mfg. Co., E Orange, N. J.
South Park Foundry & Machine Co., St. Paul, Minn.
Stephens Roe Mfg. Co. ("Scott's" High Pressure, etc), Detroit, Mich.
Walworh Mfg. Co., Boston, Mass.
Washington Pipe & Foundry Co., Tacoma, Wash.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

16321— Valves (Geared)

Darling Pump & Mfg. Co., Williamsport, Pa.
LUNKENHEIMER CO. ("Victor"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Pilliod Co. ("Baker"), 30 Church, New York
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Southern Locomotive Valve Gear Co., Knoxville, Tenn.

16322— Valves (Generator)

Commonwealth Brass Works (For Gasoline Engines), Detroit, Mich.
LUNKENHEIMER CO. ("Nonpareil"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Powell Wm. Co., Cincinnati, O.
WESTINGHOUSE ELECTRIC & MFG. CO., E Pittsburgh, Pa.
See adv index at end of book
Williams D. T. Valve Co., Cincinnati, O.

PIPE, FITTINGS AND VALVES OF ALL KINDS.

Complete Line of Steam, Hydraulic, Gas, Refrigerating and Sanitary Engineering Supplies and Specialties.

"NASON" and "SIDELUG" STEAM TRAPS. "NASON-VESUVIUS" STEAM TRAPS.

NASON MANUFACTURING CO., 71 Fulton Street, New York. Davis and Crane Streets, Long Island City, N. Y.

16323—Valves (Globe & Angle)

American Foundry & Construction Co., 2nd av & Longworth, Pittsburgh, Pa.
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
American Steam Gauge & Valve Mfg. Co. ("American"), 208 Camden, Boston, Mass.
American Valve Co., Coxsackie, N. Y.
Bashlin Co., Warren, Pa.
Beaton & Cadwell Mfg. Co., ("Jumbo," "Perfection"), New Britain Conn.
Belfield H. Co., 435 N Broad, Phila., Pa.
Belknap Mfg. Co., Bridgeport, Conn.
Buckeye Iron & Brass Works (With or Without Jenkins Disc), Dayton, O.
Central Brass Mfg. Co. of Cleveland (Sizes ⅜" to 2"), Cleveland, O.
Chicago Mfg. Co. ("Lippy" Globe ¾ to 1½ inch & Angle to 2 inch), 1464 S Michigan av, Chicago, Ill.
Coldwell-Wilcox Co., Newburgh, N. Y.
Crane Co., Bridgeport, Conn.
Crane Co. (Est. 1855), 836 S. Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
Darling Pump & Mfg. Co. (Ltd.) (Angle Only), Williamsport, Pa.
Detroit Brass Works, Detroit, Mich.
Detroit Lubricator Co., Detroit, Mich.
Duriron Castings Co. ("Duriron," Angle Acid Proof), Dayton, O.
Eastwood Wire Mfg. Co., Belleville, N. J.
Edna Brass Mfg. Co. (Angle Only), Cincinnati, O.
Engineers Appliance Co. ("Hydromatic"), Cleveland, O.
Everhart Brass Works, Scranton, Pa.
Eynon-Evans Mfg. Co. (Extra Heavy), N 15th & Cleargeld, Phila., Pa.
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Fairbanks E. & T. & Co. (Brass Globe), St. Johnsburg, Vt.
French H. P. Co., Inc., 320 B'way, New York *See adv index at end of book*
Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
Golden-Anderson Valve Specialty Co. ("Anderson"), Fulton bldg, Pittsburgh, Pa.
Gorton & Lidgerwood Co. (Straightway & Angle), 96 Liberty, New York
Hancock Inspirator Co., 119 W 40th, New York
Haydenville Co., Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
Hoffman B. Mfg. Co. (Brass & Iron), 257 6th, Milwaukee, Wis.
Homer Brass Works, 231 Race, Phila., Pa.
Homestead Valve Mfg. Co., Pittsburgh, Pa.
Jarecki Mfg. Co., Erie, Pa.
Jenkins Bros., 80 White, New York
Kelly & Jones Co. (Brass & Iron), 135 Water, Pittsburgh, Pa.
Kennedy Valve Co., Elmira, N. Y.
Kinsey & Mahler Co. ("K. & M."), Peoria, Ill.
Konold M. J. Co., 601 Bessemer bldg, Pittsburgh, Pa.
Locke Regulator Co., Salem, Mass.
LUNKENHEIMER CO. ("Renewo," "Ferrenewo"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McCambridge Co. (Brass Only), 20th & Wood, Phila., Pa.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
McMANN & TAYLOR CO., 104 John, New York. *See adv index at end of book*
McNab & Harlin Mfg. Co. (Brass & Iron Body), 55 John, New York & Paterson, N. J.
McRae & Roberts Co. (Brass), 227 Campbell av, Detroit, Mich.
See adv index at end of book
Marsh Valve Co., Erie, Pa.
Marsh Valve Co. (Steam System), Dunkirk, N. Y.
Max Machine Co. ("K-V"), Clinton, Mass.
Milwaukee Valve Co. ("M"), 139 Burrell, Milwaukee, Wis.
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
Nathan Mfg. Co. (For Locomotives, etc), 416 E. 106th, New York
Nelson Valve Co. (Brass, Iron & Steel), Harrison bldg., Phila., Pa.
New Bedford Valve Mfg. Co., New Bedford, Mass.
Ohio Brass Co. ("O-B"), Mansfield, O.
Ohio Injector Co. ("O. I. Co."), Wadsworth, O.
Ohio Pump & Brass Co. (Gas), Columbus, Ohio
Oil Well Supply Co. (Brass & Iron), 215 Water, Pittsburgh, Pa.
O'Malley-Beare Valve Co. ("Multiplate"), Railway Exchange bldg, Chicago, Ill.
Pacific Foundry Co., 18th & Harrison, San Francisco, Cal.
Patterson-Allen Engineering Co. ("Everlasting" Angle), 2 Rector, New York
Perkes Chas. (Est. of), 627 Arch, Phila., Pa.
Pioneer Brass Works, Indianapolis, Ind.
Pittsburgh Piping & Equipment Co., 35th & Charlotte, Pitttsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co. ("Standard" Brass), Frick bldg., Pittsburgh, Pa.
Powell Wm. Co. ("Powell White Star"), Cincinnati, O.
Pratt & Cadv Co. ("P & C"), Hartford, Conn.
Queen City Brass & Iron Works ("Hesterberg" Brass), Cincinnati, O.
Richardson-Phenix Co. ("Nokut"), Milwaukee, Wis.
Rickersberg Brass Co., Cleveland, O.
Schutte & Koerting Co., 1251 N 12th, Phila., Pa.
Scully Iron & Steel Co. ("Storie" Brass), 2364 S Ashland av, Chicago, Ill.
Simmons John Co., 110 Centre, New York
Smolensky M. Mfg. Co., 2108 Superior av, N W, Cleveland, O.
See adv index at end of book
Star Brass Mfg. Co. ("Renewable," "Arrow"), 108 E Dedham, Boston, Mass.
Stephens Roe Mfg. Co. ("Scott," "J. D."), Detroit, Mich.
Strong, Carlisle & Hammond Co., 336-344 Frankfort av N W, Cleveland, O.
United Brass Mfg. Co. ("United" Brass), 3844 Hamilton av, Cleveland, O.
Walworth Mfg. Co., Boston, Mass.
Wilfert John Co., 258 B'way, New York
Williams D. T. Valve Co., Cincinnati, O.

16324— Valves (Greenhouse)

Coldwell-Wilcox Co., Newburgh, N. Y.
Crane Co. (Est. 1855), 836 S. Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Glenn Fred. E. ("Globe"), St. Charles, Ill.

16325— Valves (Grinder)

Baker Mfg. Corp. ("Ramsey"), Saratoga Springs, N. Y.

16326—Valves (Gulland Automatic Water)

Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.

16327— Valves (Hatters')

McNab & Harlin Mfg. Co. ("Smith" Pattern & Quick Opening), 55 John, New York

16328—Valves (High Pressure)

American Balance Valve Co. ("Jack Wilson Balanced), Jersey Shore, Pa.
American Brass Products Co., Pottstown, Pa.
American Foundry & Const. Co. (Steam), 2nd av & Longworth, Pittsburgh, Pa.
Buckeye Iron & Brass Works, Dayton, O.
Darling Pump & Mfg. Co., Williamsport, Pa.
Eddy Valve Co., Waterford, N. Y.
Engineers' Appliance Co. ("Hydromatic"), Cleveland, O.
Everlasting Valve Co., 2 Rector, New York
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Ford Thos. P. Co. (Balance Ball Cock), 407 Broome, New York
Homestead Valve Mfg. Co., Pittsburgh, Pa.
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Kennedy Valve Mfg. Co. (For Steam Service), Elmira, N. Y.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Marsh Valve Co., Erie, Pa.
National Valve & Mfg. Co., 31st & Liberty, Pittsburgh, Pa.
Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co., Frick bldg., Pittsburgh, Pa.
Pratt & Cady Co. ("P & C"), Hartford, Conn.
Richardson-Phenix Co. ("Nokut"), Milwaukee, Wis.
Schutte & Koerting Co., 1251 N 12th, Phila., Pa.
Stephens Roe Mfg. Co., Detroit, Mich.
Universal Valve Co., Burlington, Wis.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.
Yarnall-Waring Co. ("Caskey-Simplex"), Harrison bldg., Phila., Pa.

16329—Valves (High Pressure Natural Gas)

Darling Pump & Mfg. Co, Williamsport, Pa.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pratt & Cady Co. ("P & C"), Hartford, Conn.

16329a—Valves (Hold Open Stop Check)

Schutte & Koerting Co., 1251 N 12th, Phila., Pa.

16330— Valves (Hopper)

American Fdry. & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Cooper Sanitary Mfg. Co. (Self-Closing), 34th & Chestnut, Phila, Pa.
Crampton-Farley Brass Co. ("Star"), 221 Main, Kansas City, Mo.
Edwardsville Brass Co., Edwardsville, Ill.
Hall Mfg. Co., Harrison, N. J.
Prier Brass Mfg. Co. ("Standard"), Kansas City, Mo.
Savill's Thos. Sons, 1310 Wallace, Phila., Pa.
Sawyer W. H. & Sons Co., Americus, Ga.

16331— Valves (Hose)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Aterite M. H. Co., Inc. (For Sulphuric Acid), 55 John, New York

VALVES (HOSE)—continued

Buckeye Iron & Brass Works (Brass Garden Hose, etc), Dayton, O.
Chapman Valve Mfg. Co. ("Chapman"), Indian Orchard, Mass.
Crane Co. (Est. 1855), 836 S. Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Darling Pump & Mfg. Co., Williamsport, Pa.
Elkhart Brass Mfg. Co., Elkhart, Ind.
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
General Fire Extinguisher Co. ("G. F. E."), Providence, R. I.
Haydenville Co., Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
Hoffman B. Mfg. Co. (Brass), 257 6th, Milwaukee, Wis.
Jarecki Mfg. Co., Erie, Pa.
Jenkins Bros., 80 White, New York
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Kennedy Valve Mfg. Co., Elmira, N. Y.
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
LUNKENHEIMER CO. ("Clip"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Milwaukee Brass Mfg. Co. (For Fire Escape Stand Pipe), 251 Lapham, Milwaukee, Wis.
Nelson Valve Co., Harrison bldg., Phila., Pa.
O'Malley-Beare Valve Co. ("Multiplate"), Railway Exchange bldg, Chicago, Ill.
Powell Wm. Co. ("Crescent"), Cincinnati, Ohio
Pratt & Cady Co. ("P & C"), Hartford, Conn.
Rensselaer Valve Co., Troy, N. Y.
Sherman H. B. Mfg. Co., Battle Creek, Mich.
Simmons John Co., 110 Centre, New York
Stephens Roe Mfg. Co., Detroit, Mich.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

16332—Valves (Hot & Cold Blast)

Hartman Co., 1231 N Front, Phila., Pa.

16333—Valves (Hydraulic)

American Foundry & Construction Co., 2nd av & Longworth, Pittsburgh, Pa.
American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
Ashton Valve Co. (Relief), 161 First, Cambridge, Mass.
Belfield H. Co., 435 N Broad, Phila., Pa.
Bordo L. J. Co. (Inc.), (Stop, Three Way & Four Way), 12th & Thompson, Phila., Pa.
Buckeye Iron & Brass Works (Brass Check, Safety, Globe & Angle & Angle Relief), Dayton, O.
Burroughs Chas. Co., 141 Commerce, Newark, N. J.
Chambersburg Engng. Co., Chambersburg, Pa.
Chapman Valve Mfg. Co. ("Chapman"), Indian Orchard, Mass.
Crane Co. (Est. 1855), 836 S. Michigan av, Chicago, Ill.
For branch houses see Alphabetical Section
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.
Davidson M. T. Co. ("Davidson," Three-Way Balanced), 43 Keap, Brooklyn, N. Y.
Eddy Valve Co., Waterford, N. Y.
Edward Valve & Mfg. Co. ("Edward" Stop & Check, etc), Edison bldg, Chicago, Ill.
ELMES CHAS. F. ENGINEERING WORKS (Inc.), cor Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
Engberg Electric & Mechanical Works (Electro-Hydraulic, for Stand Pipes, etc), St. Joseph, Mich.
Foster Engineering Co. (Regulating, Reducing & Relief), 109 Monroe, Newark, N. J.
French Oil Mill Machinery Co., Piqua, O.
Homestead Valve Mfg. Co., Pittsburgh, Pa.
Hydraulic Press Mfg. Co., Mt. Gilead, Ohio
Kelly & Jones Co. (Straightway, etc), 135 Water, Pittsburgh, Pa.
Konold M. J. Co., Bessemer bldg, Pittsburgh, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly Cincinnati, O. *See adv index at end of book*
McNab & Harlin Mfg. Co., 55 John, New York
MORGAN ENGINEERING CO., Alliance, O. *See adv index at end of book*
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
National Gauge Co. (Relief), 300 Pacific, Brooklyn, N. Y.
Nelson Valve Co., Harrison bldg., Phila., Pa.
New York Brass Foundry Co. ("Stillbeeh"), 104 Centre, New York
Oil Well Supply Co., 215 Water Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co., Frick bldg., Pittsburgh, Pa.
Powell Wm. Co. ("Powell," Globe, Angle, Check), Cincinnati, O.
Pratt & Cady Co. ("P. & C."), Hartford, Conn.
Rensselaer Valve Co., Troy, N. Y.
Robertson Jno. & Co., 133 Water, B'klyn, N. Y.
Schutte & Koerting Co., 1251 N 12th, Phila., Pa.
Simplex Valve & Meter Co. ("Simplex" Regulating for Controlling the Elevation of Water in Reservoirs & Stand Pipes), 110 N. Broad, Phila., Pa.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
Union Iron Works, Hoboken, N. J.
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*
Watson & McDaniel Co. ("Riggins," Hydraulic Stop & Balance Rotating & Operating), 146 N 7th, Phila., Pa.
Wilfert John Co., 258 B'way, New York
Williams Franklin, Inc. ("Toledo" Bronze), 39 Cortlandt, New York
Wood R. D. & Co., 400 Chestnut, Phila., Pa.
Yarnall-Waring Co. (High Pressure, "Caskey Simplex"), Harrison bldg., Phila., Pa.

16334—Valves (Hydraulic Operating)

American Foundry & Construction Co., 2nd av & Longworth, Pittsburgh, Pa.
Chapman Valve Mfg Co ("Chapman"), Indian Orchard, Mass
Darling Pump & Mfg Co, Williamsport, Pa.
Engineers Appliance Co. ("Hydromatic"), Cleveland, O.
Konold M. J. Co., 601 Bessemer bldg, Pittsburgh, Pa.
Logemann Bros. Co., 3130 Burleigh, Milwaukee, Wis.
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
LUNKENHEIMER CO. ("Victor"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Morgan Construction Co., Worcester, Mass.
Nelson Valve Co., Harrison bldg., Phila., Pa.
Pratt & Cady Co. ("P & C"), Hartford, Conn.
Ross Valve Mfg. Co, 9 Oakwood av, Troy, N. Y. *See adv index at end of book*

16335—Valves (Hydraulic Pressure Controlling)

French Oil Mill Machinery Co., Piqua, O.
LUNKENHEIMER CO. ("Victor"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
See adv index at end of book

16336—Valves (Hydraulic Pulpit)

Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

16337— Valves (Indicator)

Bourbon Copper & Brass Works Co. (Open & Shut Indicator Post Valves), Cincinnati, O.
Chapman Valve Mfg. Co. ("Chapman" Indicator Post Valves), Indian Orchard, Mass.
Columbian Iron Works (Underwriters), Chattanooga, Tenn.
Crane Co. (Est. 1855), 836 S. Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Darling Pump & Mfg. Co., Williamsport, Pa.
Kelly & Jones Co. (Straightway), 135 Water, Pittsburgh, Pa.
Kennedy Valve Mfg. Co., Elmira, N. Y.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McRae & Roberts Co., 227 Campbell av, Detroit, Mich. *See adv index at end of book*
Milwaukee Valve Co. ("M," Brass), 139 Burrell, Milwaukee, Wis.
National Brass Mfg. Co. (Relief & Cylinder), Rochester, N. Y.
Nelson Valve Co., Harrison bldg., Phila., Pa.
Pittsburgh Valve & Fittings Co., Frick bldg., Pittsburgh, Pa.
Pratt & Cady Co., ("P & C"), Hartford, Conn.
Rensselaer Valve Co., Troy, N. Y.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

16338— Valves (J. D.)

Ohio Brass Co. ("O-B"), Mansfield, O.

16339— Valves (Lavatory)

American Fdry. & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Edwardsville Brass Co. (Pedal), Edwardsville, Ill.
Engineers Appliance Co. ("Hydromatic"), Cleveland, O.
Hays Mfg. Co., Erie, Pa.
Haydenville Co., Haydenville, Mass.
Hoffman & Billings Mfg. Co., 100 2nd, Milwaukee, Wis.
Kelly & Jones Co. (Brass), 135 Water, Pittsburgh, Pa.
Sanitas Mfg. Co., 105 Washington, Boston, Mass.

16340— Valves (Lead Lined)

Chadwick-Boston Lead Co. (For Acids), 162 Congress, Boston, Mass.
Lead Lined Iron Pipe Co., Wakefield, Mass.
Schutte & Koerting Co. (Check & Stop), 1251 N 12th, Phila., Pa.
United Lead Co., 111 Broadway, New York

16341— Valves (Leather)

Detroit Leather Specialty Co. (Inc.) ("Wear Well"), 275 Beecher av, Detroit, Mich.
Graton & Knight Mfg. Co., Worcester, Mass.
Houghton E. F. & Co. ("Vim" Pump, etc.), 240 W Somerset, Phila., Pa.
Kendrick Valve & Washer Co., Syracuse, N. Y.
Myers F. E. & Bro., 800 Orange, Ashland, O. *See adv index at end of book*
Nott W. S. Co., 2d av N & 3d, Minneapolis, Minn.
Page Belting Co., Concord, N. H.

16342— Valves (Lever)

Chapman Valve Mfg. Co. ("Chapman"), Indian Orchard, Mass.
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Foster Engineering Co. (Balance), 109 Monroe, Newark, N. J.
LUNKENHEIMER CO. ("Handy, "Victor," "Clip"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Nelson Valve Co., Harrison bldg., Phila., Pa.
Powell Wm. Co. ("Titan," "Ready," "Giant"), Cincinnati, O.
Pratt & Cady Co. ("P & C" Quick Opening), Hartford, Conn.
Schutte & Koerting Co., 1251 N 12th, Phila., Pa.
Star Brass Mfg. Co. ("Star," Safety Lever), 108 E Dedham, Boston, Mass.

16343— Valves (Lock)

Emory P. P. Mfg. Co. (For Rag Engines), Springfield, Mass.
Pratt & Cady Co. (Check "P & C"), Hartford, Conn.
Whitcomb Geo. D. Co. ("Whitcomb," for Air Compressors, etc), Rochelle, Ill.

16344—Valves (Lock Shield)

American District Steam Co., North Tonawanda, N. Y.
Beaton & Cadwell Mfg. Co. ("Gem No. 4," "Wellby Special," "Jumbo," "Perfection"), New Britain, Conn.
Detroit Brass Works, Detroit, Mich.
Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
Hays Mfg. Co., Erie, Pa.
Homestead Valve Mfg. Co., Pittsburgh, Pa.
Jenkins Bros., 80 White, New York
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Kennedy Valve Mfg. Co., Elmira, N. Y.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McNab & Harlin Mfg. Co. ("Radiator"), 55 John, New York
Marsh Jas. P. & Co., 118 S Clinton, Chicago, Ill.
Marsh Valve Co., Erie, Pa.
Michigan Lubricator Co., Detroit, Mich.
O'Meara J. (Inc.), 2 Lispenard, New York
Pratt & Cady Co. ("P & C"), Hartford, Conn.
Walworth Mfg. Co., Boston, Mass.

16345-6—Valves (Locomotive)

American Balance Valve Co. ("American" Balanced & "Jack Wilson" High Pressure Balanced), Jersey Shore, Pa.
AMERICAN SAFETY LAMP & MINE SUPPLY CO., Scranton, Pa.
American Steam Gauge & Valve Mfg. Co. (Pop, Plain & Muffled), 208 Camden, Boston, Mass.
Belfield H. Co. (Cylinder), 435 N Broad, Phila., Pa.
Bordo L. J. Co. ("B. O." Plug Blow-Off, also Blower), 12th & Thompson, Phila., Pa.
Cadman A. W. Mfg. Co. (Blow-Off), 2816 Smallman, Pittsburgh, Pa.
Coale Muffler & Safety Valve Co., 325 E. Oliver, Baltimore, Md.
Consolidated Safety Valve Co. ("Consolidated" Pop Safety; also with Muffler Attached), 119 W 40th, New York
Crane Co. (Est. 1855), 836 S. Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Gold Car Heating & Lighting Co. (Pressure Regulating), 17 Battery pl, New York
Hobart Allfree Co. ("Allfree" System of Steam Distribution), 37 W Vanburen, Chicago, Ill.
Homestead Valve Mfg. Co. (Blow-Off), Pittsburgh, Pa.
Kunkle E. B. & Co., Fort Wayne, Ind.
Lonegran J. E. Co. ("XXX" & "YYY" Safety Valves), 211 Race, Phila., Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Lytton Mfg. Co. ("Lytton" Blow-Off), Franklin, Va.
McNab & Harlin Mfg. Co. (Cylinder), 55 John, New York
Nathan Mfg. Co. (Blower, 3 Air Pump Steam Relief & Steam Chest Relief), 416 E. 106th, New York
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
O'Malley-Beare Valve Co. ("Multiplate" Duplex Blow-Out), Railway Exchange bldg, Chicago, Ill.
Powell Wm. Co. (Locomotive Boiler Check), Cincinnati, O.
Pratt & Cady Co. ("P & C"), Hartford, Conn.
Sargent Co. ("E. S. E." Blow-Off), Fisher bldg, Chicago, Ill.
Star Brass Mfg. Co. (Reducing), 108 E Dedham, Boston, Mass.
Williams D. T. Valve Co., Cincinnati, O.

16347— Valves (Marine)

Ashton Valve Co., 161 First, Cambridge, Mass.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Mason Regulator Co. ("Mason" Reducing), 1192 Adams, Boston, Mass.
See adv index at end of book
Schutte & Koerting Co. ("Schutte" Quick Closing, Reducing, Throttle, etc.), 1251 N 12th, Phila., Pa.
Smolensky M. Mfg. Co., 2108 Superior av, N. W., Cleveland, O.
See adv index at end of book
Star Brass Mfg. Co. ("Star," Safety), 108 E Dedham, Boston, Mass.

16348—Valves (Motor Operated)

Ludlow Valve Mfg. Co., ft of Adams, Troy, N. Y.

Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.

16349—Valves (Motor Tire)

Schrader's A. Son, Inc., 783-803 Atlantic av, Brooklyn, N. Y.

16350—Valves (Motorman's)

National Brake & Electric Co. ("National," for Electric Cars), ft. Belleview pl, Milwaukee, Wis.

16351— Valves (Mud)

Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.

16352— Valves (Muffler)

Ashton Valve Co., 161 First, Cambridge, Mass.
Barco Brass & Joint Co. (Automobile), 212 W Illinois, Chicago, Ill.
Coale Muffler & Safety Valve Co., 325 E. Oliver, Baltimore, Md.
Consolidated Safety Valve Co. ("Consolidated," Portable, Muffler Pop Safety), 119 W 40th, New York
Gemco Mfg. Co. (& Cutout), Milwaukee, Wis.
Lonergan J. E. Co. ("P"), 211 Race, Phila., Pa.
Nathan Mfg. Co. (Safety & Plain Pop), 416 E 106th, New York

16353—Valves (Natural Gas)

Buckeye Iron & Brass Works (Globe & Angle), Dayton, O.
Crane Co. (Est. 1855), 836 S. Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Darling Pump & Mfg. Co., Williamsport, Pa.
Fire & Gas Appliance Co., 1906 Wyandotte, Kansas City, Mo.
Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
Hale Gas Co., Neodesha, Kans.
Hays Mfg. Co., Erie, Pa.
Homestead Valve Mfg. Co., Pittsburgh, Pa.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McRae & Roberts Co., 227 Campbell av, Detroit, Mich.
See adv index at end of book
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pratt & Cady Co. ("P & C"), Hartford, Conn.

16354— Valves (Needle)

Buckeye Iron & Brass Works, Dayton, O.
Crane Co. (Est. 1855), 836 S. Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Darling Pump & Mfg. Co., Williamsport, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McNab & Harlin Mfg. Co., 55 John, New York
McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.
See adv index at end of book
Powell Wm. Co. ("Crescent" & "Model Star"), Cincinnati, O.

16355—Valves (Needle Point, Gasoline)

Clayton & Lambert Mfg. Co., 205 Piquette av, E. Detroit, Mich.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

16355a— *Valves (Noiseless, Check)

Smolensky M. Mfg. Co. ("Smolensky"), 2108 Superior av, N. W., Cleveland, O.
See adv index at end of book

16356-7—Valves (Non-Return)

Belfield H. Co., 435 N Broad, Phila., Pa.
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Garrett W. D. & Co., 136 Liberty, New York
Golden-Anderson Valve Specialty Co., Fulton bldg, Pittsburgh, Pa.
Jenkins Bros., 80 White, New York
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly. Cincinnati, O. *See adv index at end of book*
Nelson Valve Co., Harrison bldg., Phila., Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Powell Wm. Co. ("Powell White Star" Single & Double Acting), Cincinnati, O.
Pratt & Cady Co. ("P & C"), Hartford, Conn.
Robertson Jno. F. Co., Park bldg, Pittsburgh, Pa.
Schutte & Koerting Co., 1251 N 12th, Phila., Pa.
Stephens Roe Mfg. Co., Detroit, Mich.

16358— Valves (Oil)

Cadman A. W. Mfg. Co., 2816 Smallman, Pittsburgh, Pa.
Chapman Valve Mfg. Co., ("Chapman"), Indian Orchard, Mass.
Darling Pump & Mfg. Co., Williamsport, Pa.
Everlasting Valve Co., 2 Rector, New York
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
Pratt & Cady Co. ("P & C"), Hartford, Conn.
Witt G. E. Co. (Oil Regulating Valves for Oil Burners), 862 Howard, San Francisco, Cal.

16359—Valves (Oil Burner, Needle)

LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

16360— Valves (Oiler)

Knox Mfg. Co. (For Drills), 821 Cherry, Phila., Pa.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

16361—Valves (Open-Hearth Furnace)

Blair Engineering Co., 343 S Dearborn, Chicago, Ill.
Wellman-Seaver-Morgan Co., Cleveland, Ohio

16362— Valves (Organ)

Homer Brass Works, 231 Race, Phila., Pa.

16363— Valves (Piston)

American Balance Valve Co. ("American" Semi-Plug), Jersey Shore, Pa.
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
See adv index at end of book
National Brake & Electric Co., ft. Belleview pl, Milwaukee, Wis.
Tinker F. & Sons Co., 5687 Butler, Pittsburgh, Pa.

16364—*Valves (Plate Type, Iversen Patent)

MESTA MACHINE CO. (For Blowing Engines, Vacuum Pumps & Compressors), Pittsburgh, Pa.
See adv index at end of book

16365— Valves (Plug)

American Foundry & Construction Co., 2nd av & Longworth, Pittsburgh, Pa.
Cadman A. W. Mfg. Co. ("Gato"), 2816 Smallman, Pittsburgh, Pa.
Homestead Valve Mfg. Co., Pittsburgh, Pa.
Konold M. J. Co. (For Air), Bessemer bldg., Pittsburgh, Pa.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Robertson Jas. Lead Co. (Plug & Seat), 827 S Howard, Baltimore, Md.
Simmons John Co., 110 Centre, New York

16366—Valves (Pop Safety)

Acton Jno., 118 John, Brooklyn, N. Y.
Ashton Valve Co., 161 First, Cambridge, Mass.
Bridgman Bros. Co., 1426 Washington av, Phila., Pa.
Coale Muffler & Safety Valve Co., 325 E. Oliver, Baltimore, Md.
Consolidated Safety Valve Co. ("Consolidated," for Saturated & Super-Heated Steam, Duplex & Triplex for Marine Service; for House Heating Boilers; also Portable, etc), 119 W 40th, New York
Crane Co. (Est. 1855), 836 S. Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
Detroit Lubricator Co. ("Detroit," Low Pressure), Detroit, Mich.
Edna Brass Mfg. Co., Cincinnati, O.
Gold Car Heating & Lighting Co., 17 Battery pl, New York
Kunkle E. B. & Co. ("Kunkle" Lock-Up), Fort Wayne, Ind.
Lonergan J. E. Co. ("Linde's" & "U. S." Government, Marine & Stationery Boilers), 211 Race, Phila., Pa.
LUNKENHEIMER CO. ("Duplex," "Midget," "Alert," "Gas Pop"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.
See adv index at end of book
Michigan Lubricator Co., Detroit Mich.
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Powell Wm. Co. ("Kunkle" Direct & Angle Outlet), Cincinnati, O.
Scott Valve Co., 310 W. Randolph, Chicago, Ill.
Simmons John Co., 110 Centre, New York
Smolensky M. Mfg. Co., 2108 Superior av, N. W., Cleveland, O.
See adv index at end of book
Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.
Stephens Roe Mfg. Co., Detroit, Mich.
Swift Lubricator Co., Elmira, N. Y.
Walworth Mfg. Co., Boston, Mass.

16367— Valves (Poppet, for Gas Engines)

Michigan Engine Valve Co., 115 Columbia, W, Detroit, Mich.
Pfanstiehl Co., No. Chicago, Ill.
Steel Products Co., 2206 Clarkwood av, S. E., Cleveland, O.

16368—Valves (Power House)

Darling Pump & Mfg. Co., Williamsport, Pa.
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Golden-Anderson Valve Specialty Co., Fulton bldg, Pittsburgh, Pa.
Homestead Valve Mfg. Co., Pittsburgh, Pa.
Kennedy Valve Mfg. Co., Elmira, N. Y.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Marsh Valve Co., Erie, Pa.
Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Richardson-Phenix Co. ("Nokut"), Milwaukee, Wis.

16369—Valves (Pressure Reducing)

Acton John (Waterworks), Heavy Duty & Household Service, etc), 118 John, Brooklyn, N. Y.
Atwood & Morrill ("XXth Century"), 48 Loring av, Salem, Mass.
Auld Co. ("Quartette"), Thompson & 12th, Phila., Pa.
Cash A. W. Co., Decatur, Ill.
Clow James B. & Sons ("Clow Temperature Booster"), S Franklin & Harrison, Chicago, Ill.
Consolidated Engineering Co. ("Van Auken"), 507 W Jackson blvd, Chicago, Ill.
Crane Co. (Est. 1855), 836 S. Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Davis Geo. M. Regulator Co. (Reducing, Steam, Air & Water), 422 Milwaukee av, Chicago, Ill.
d'Este Julian Co., 24 Canal, Boston, Mass.
Elliott Co. ("Elliott"), Pittsburgh, Pa.
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Fisher Governor Co., Marshalltown, Ia.
Ford Thos. P. Co. (Steam & Water), 407 Broome, New York
Foster Engineering Co. (For High & Low Pressure), 109 Monroe, Newark, N. J.
Fulton Co. ("Ideal Sylphon"), Knoxville, Tenn.
Garrett W. D. & Co., 136 Liberty, New York
Gold Car Heating & Lighting Co., 17 Battery pl, New York
Golden-Anderson Valve Specialty Co. ("Anderson," For Steam, Water, etc), Fulton bldg, Pittsburgh, Pa.
Graebert & Sons, 12 Sherman, Detroit, Mich.
Hall Mfg. Co. ("Atlas"), Harrison, N. J.
Harlem Mfg. Co., 518 W 55th, New York
Ideal Automatic Governor Co., 164 Emmet, Newark, N. J.
Illinois Engineering Co. ("Climax"), 5021 S State, Chicago, Ill.
Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill. *See adv index at end of book*
Johnson Service Co. ("Johnson"), 153 Michigan, Milwaukee, Wis.
Keeble Alex. K. (High & Low Pressure), Lawrence, Mass.
Kelly & Jones Co. (Vacuum, etc), 135 Water, Pittsburgh, Pa.
Kieley & Mueller, 34 W 13th, New York
Knapp Bros. Mfg. Co. ("Knapp's" Automatic), 2419 W 14th, Chicago, Ill.
Leslie Co. ("Leslie"), Lyndhurst, N. J.
Locke Regulator Co. ("New Era," "Beats All"), Salem, Mass.
Lytton Mfg. Corp. ("Lytton" for High & Low Pressure), Franklin, Va.
MASON REGULATOR CO. ("Mason"), 1192 Adams, Boston, Mass.
See adv index at end of book
Monash-Younker Co. (Steam), 1407 W Jackson blvd, Chicago, Ill.
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
Ohio Brass Co. ("O. B." Regulating for Steam or Air), Mansfield, O.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co., Frick bldg., Pittsburgh, Pa.

Regulating Valves
"TROJAN"
For Steam or Water
Ross Valve Mfg. Co.
9 Oakwood Ave., TROY, N. Y.

Schade Valve Mfg. Co., 2528 N American, Phila., Pa.
Schutte & Koerting Co. ("Auld Co.," "Quitetite"), 1251 N 12th, Phila., Pa.
Squires C. E. ("Squires"), Cleveland, O.
Standard Steam Specialty Co. ("Utility"), 342 W B'way, New York
Stephens Roe Mfg. Co., Detroit, Mich.
Strong, Carlisle & Hammond Co. ("Strong"), 336-344 Frankfort av, N W, Cleveland, O.
Waters Governor Co., 141 Milk, Boston, Mass.
Watson & McDaniel Co. ("Watson," also "Watson" Spring Reducing, Low Pressure & Atmospheric Reducing), 146 N 7th, Phila., Pa.
Watts Regulator Co. ("Watts"), Lawrence, Mass.
Williams Gauge Co., 543 4th av, Pittsburgh, Pa.
Witt G. E. Co. (For Steam or Liquid), 862 Howard, San Francisco, Cal.
Worthington Pump & Machinery Corp., 115 B'way, New York
See adv index at end of book

16370— Valves (Pump)

See also Valves, Rubber

Acme Rubber Mfg. Co., Trenton, N. J.
American Vulcanized Fibre Co., 504 Equitable bldg, Wilmington, Del.
Anchor Packing Co. ("Ankorite" Rubber), Lafayette bldg, Phila., Pa.
Athol Pump Co., Athol, Mass.
Berger Bros. Co., 229 Arch, Phila., Pa.
Birch-Hintz Mfg. Co., 1108 S Kilbourne av, Chicago, Ill.
Boston Belting Corp. (Rubber), 84 Linden Park, Boston, Mass.
Brandt Randolph, 70 Cortlandt, New York
Buckeye Iron & Brass Works, Dayton, O.
Combination Rubber Mfg. Co. (Rubber), Bloomfield, N. J.
Continental Fibre Co. (Vulcanized Fibre), Newark Centre, Del.
Continental Rubber Works, Erie, Pa.
Cooley Mfg. Co. ("Cooley's"), 98 Park pl, New York
Coronum Equipment Co. ("Rothenbucher" Reversible), 89 Fulton, New York
Crosby Steam Gage & Valve Co. ("Branden," Rubber), 40 Central, Boston, Mass.
DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works: Marshallton, Del.
See adv index at end of book
Diamond State Fibre Co. (Fibre), Elsmere, Del.
Edgecumbe J. C. & Co. ("Tri-Bisc"), 149 B'way, New York
Empire Tire & Rubber Corp. (Rubber), East Trenton, N. J.
Evans John E., Nutley, N. J.
Excelsior Valve Co., 108 Fulton, New York
Fort Worth Well Machy. & Supply Co., Fort Worth, Tex.
Garlock Packing Co., Palmyra, N. Y.
General Asbestos Rubber Co., Charleston, S. C.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Hewitt Rubber Co., Buffalo, N. Y.
Home Rubber Co., Trenton, N. J.
Jenkins Bros., 80 White, New York
Johns H. W-Manville Co. (Rubber & Asbestos), Madison av & 41st, New York
Johns-Pratt Co., The ("Vulcabeston"), Hartford, Conn.
Lake Erie Mfg. Co. ("Ideal"), Buffalo, N. Y.
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mulconroy Co. (Rubber), 54th & Jefferson, Phila., Pa.
MYERS F. E. & BRO., 800 Orange, Ashland, O. *See adv index at end of book*
National Fibre & Insulation Co. (Fibre), Yorklyn, Del.
National India Rubber Co. (Rubber), Bristol, R. I.
National Marine Lamp Co., Forestville, Conn.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Peck Geo. F. Mfg. Co., Chelsea, Mass.
Peerless Rubber Mfg. Co., 31 Warren, New York
Pennsylvania Rubber Co. ("Pennsylvania," Hard & Soft Rubber), Jeannette, Pa.
Robertson Jno. F. Co. (Metallic Multiplex), Park bldg, Pittsburgh, Pa.
Schacht Rubber Mfg. Co. (Rubber), Huntington, Ind.
Standard Fibre Co. (Hard Fibre), Miller st, Somerville, Mass.
STRONG MACHINERY & SUPPLY CO. ("Strong's I. O. P." Oil Proof Pump Valves), 21 Walker, New York
See adv index at end of book

U. S. INDUSTRUCTIBLE GASKET CO. ("Kinghorn"), Church & Fulton, New York. *See adv index at end of book*
Victor-Balata & Textile Belting Co. ("Victor-Balata" Cold Water), 38 Murray, New York
Western Rubber Co. (Rubber), Goshen, Ind.
WILMINGTON FIBRE SPECIALTY CO. (Hard Fibre), Wilmington, Del. *See adv index at end of book*

16371—Valves (Pump Regulating)

Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass. *See adv index at end of book*
Schade Valve Mfg. Co. ("Schade" It is a Pump Discharge Pressure Controlling Valve. A Pump Speed Governor & Positive Shut Off or Stop Valve), 2528 N American, Phila., Pa.
Standard Steam Specialty Co., 542 W B'way, New York

16372—Valves (Quick-Closing)

LUNKENHEIMER CO. ("Victor," "Handy," "Clip"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass. *See adv index at end of book*
Schutte & Koerting Co. ("Schutte" Marine Type Emergency), 1251 N 12th, Phila., Pa.
Strong, Carlisle & Hammond Co. ("Strong"), 336-344 Frankfort av, N W, Cleveland, O.

16373—Valves (Quick-Opening)

Buckeye Iron & Brass Works. Dayton. O.
Crane Co. (Est. 1855), 836 S. Michigan av, Chicago, Ill. *For branch offices see Alphabetical Section*
Darling Pump & Mfg. Co. (Sliding Stem & Lever), Williamsport, Pa.
Everlasting Valve Co., 2 Rector, New York
Fairbanks Co., 416 Broome, New York *For branch houses see Alphabetical Section*
Gorton & Lingerwood Co. (Packless), 96 Liberty, New York
Homestead Valve Mfg. Co., Pittsburgh, Pa.
Kelly & Jones Co. ("Jewel" Radiator & Straightway), 135 Water, Pittsburgh, Pa.
LUNKENHEIMER CO. ("Victor," "Handy," "Clip"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Marsh Valve Co., Erie, Pa.
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass. *See adv index at end of book*
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pratt & Cady Co. ("P & C"), Hartford, Conn.

16374— Valves (Radiator)

Albany Steam Trap Co. ("Blessing"), Albany, N. Y.
American District Steam Co. ("Adsco" Graduated), N Tonawanda, N. Y.
American Valve Co., Coxsackle, N. Y.
Beaton & Cadwell Mfg. Co. ("Jumbo," "Perfection"), New Britain, Conn.
Belfield H. Co. (Iron & Brass), 435 N Broad, Phila., Pa.
Belknap Mfg. Co., Bridgeport, Conn.
Buckeye Iron & Brass Works (With or Without "Jenkins Disc"), Dayton, O.
Capital Brass Works ("Jenkins," "Disc," Male & Female), Detroit, Mich.
Chapman Valve Mfg. Co. ("Chapman"), Indian Orchard, Mass.
Crane Co., Bridgeport, Conn.
Crane Co. (Est. 1855), 836 S. Michigan av, Chicago, Ill. *For branch offices see Alphabetical Section*
Davis Louis N. ("Davis" Graduated), West Chester, Pa.
Detroit Brass Works, Detroit, Mich.
Detroit Lubricator Co. (Quick Opening & Interlocking Steam "Detroit"), Detroit, Mich.
Dole Valve Co. (Packless), 208 N Wells, Chicago, Ill.
Dukerschien L. W. Heating & Ventilating Co., Oshkosh, Wis.
Eureka Brass Works ("Eureka"), 1040 Hulbert av, Cincinnati, O.
FAIRBANKS CO. (Vulcabeston Ring Disc), 416 Broome, New York *For branch houses see Alphabetical Section*
Fairbanks E. & T. & Co. (Brass), St. Johnsbury, Vt.
Fulton Co. ("Sylphon," Packless), Knoxville, Tenn.
Gold Car Heating & Lighting Co., 17 Battery pl, New York
Gorton & Lidgerwood Co., 96 Liberty, New York & Fisher bldg, Chicago, Ill.
Guaranteed Appliance Co. (Graduated), 14 E Jackson bl, Chicago, Ill.
Gurney Heater Mfg. Co., 188 Franklin, Boston, Mass.
Haydenville Co., Haydenville, Mass.
Haynes-Thompson Co. ("Precise," Graduating), 2107 Vine, Phila., Pa.
Hoffmann Specialty Co., 130 N Wells, Chicago, Ill.
Jarecki Mfg. Co., Phila., Pa.
Jenkins Bros., 80 White, New York
Kelly Brass Works (Automatic Air), 226 W Ontario, Chicago, Ill.
Kelly & Jones Co. ("Universal"), 135 Water, Pittsburgh, Pa.
Kennedy Valve Mfg. Co. (With Wood Wheels, etc), Elmira, N. Y.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McMann & Taylor Co., 104 John, New York. *See adv index at end of book*
McNab & Harlin Mfg. Co., 55 John, New York
Magee Valve Co., 136 Beekman, New York
Marsh Valve Co., Erie, Pa.
Marsh Valve Co. (Steam System), Dunkirk, N. Y.
Milwaukee Valve Co. ("M"), 139 Burrell, Milwaukee, Wis.
Mouat-Squires Co., 1246 W 4th, Cleveland, O.
NASON MFG. CO., 71 Fulton, New York. *See adv index at end of book*
Ohio Brass Co. ("O. B." Wood Wheel), Mansfield, O.
O'Malley-Beare Valve Co. ("Multiplate"), Railway Exchange bldg, Chicago, Ill.
Page W. H. Boiler Co., 141 W 36th, New York
Penn Engineering Co., 312 Cherry, Phila.,
Phelps Heating Specialty Co., 101 Beekman, New York
Powell Wm. Co. ("White Star," "Crescent," "Union," "Composite" Disc) Cincinnati, O.
Pratt & Cady Co. ("P & C"), Hartford, Conn.
Queen City Brass & Iron Works ("Hesterberg"), Cincinnati, O.
R. E. J. Mfg. Co., Milwaukee, Wis.
Rado Co., Milwaukee, Wis.
Simmons John Co., 110 Centre, New York
Stephens Roe Mfg. Co. ("Scott" "Chicago"), Detroit, Mich.
Syracuse Faucet & Valve Co. ("Syracuse Packless"), Eastwood, N. Y.
Triumph Valve Mfg. Co. ("Triumph," Packless), Mansfield, O.
United States Radiator Corp., Detroit, Mich.
Walworth Mfg. Co., Boston, Mass.
Williams D. T. Valve Co., Cincinnati, O.

Valves (Radiator, Automatic Air)

See Valves, Air

16375—Valves (Radiator, Back-Offset)

Marsh Valve Co., Erie, Pa.
Ohio Brass Co. ("O. B." Wood Wheel), Mansfield, O.

16376—Valves (Radiator, Corner)

Beaton & Cadwell Mfg. Co. ("Jumbo," "Perfection"), New Britain, Conn.
Buckeye Iron & Brass Works (With or Without "Jenkins Disc"), Dayton, O.
Capital Brass Works ("Jenkins Disc," Male & Female), Detroit, Mich.
Chapman Valve Mfg. Co. ("Chapman"), Indian Orchard, Mass.
Crane Co., Bridgeport, Conn.
Crane Co. (Est. 1855), 836 S. Michigan av, Chicago, Ill. *For branch offices see Alphabetical Section*
Eureka Brass Works, ("Eureka"), 1040 Hulbert av, Cincinnati, O.
Fairbanks Co., 416 Broome, New York *For branch houses see Alphabetical Section*
Gorton & Lidgerwood Co., 96 Liberty, New York, & Fisher bldg, Chicago, Ill.
Hammond Brass Works, Hammond, Ind.
Jarecki Mfg. Co., Erie, Pa.
Jenkins Bros., 80 White, New York
Kelly & Jones Co. (Offset, Brass), 135 Water, Pittsburgh, Pa.
Marsh Valve Co., Erie, Pa.
Michigan Lubricator Co., Detroit, Mich.
Milwaukee Valve Co. ("M"), 139 Burrell, Milwaukee, Wis.
Ohio Brass Co. ("O. B." Wood Wheel), Mansfield, O.
O'Malley-Beare Valve Co. ("Multiplate"), Railway & Exchange bldg, Chicago, Ill.
Powell Wm. Co. ("White Star" Offset), Cincinnati, O.
Queen City Brass & Iron Works, Cincinnati, O.
Simmons John Co., 110 Centre, New York
Stephens Roe Mfg. Co. ("Scott'), Detroit, Mich.
Triumph Valve Mfg. Co. ("Triumph" Packless), Mansfield, O.

16377— Valves (Radiator, Hot Water)

Belknap Mfg. Co. (Quick Opening), Bridgeport, Conn.
Beaton & Cadwell Mfg. Co. ("Jumbo," "Perfection"), New Britain, Conn.
Buckeye Iron & Brass Works (With or Without "Jenkins Disc"), Dayton, O.
Capital Brass Works (Male & Female), Detroit, Mich.
Chapman Valve Mfg. Co. ("Chapman"), Indian Orchard, Mass.
Commonwealth Brass Works, Detroit, Mich.
Crane Co. (Est. 1855), 836 S. Michigan av, Chicago, Ill. *For branch offices see Alphabetical Section*
Detroit Brass Works, Detroit, Mich.
Detroit Lubricator Co. ("Detroit"), Detroit, Mich.
Eureka Brass Works ("Eureka"), 1040 Hulbert av, Cincinnati, O.
Fairbanks Co., 416 Broome, New York *For branch houses see Alphabetical Section*
Fulton Co. ("Ideal Sylphon"), Knoxville, Tenn.
Gorton & Lidgerwood Co., 96 Liberty, New York, & Fisher bldg, Chicago, Ill.
Hammond Brass Works, Hammond, Ind.
Honeywell Heating Specialty Co. ("Honeywell," "Unique"), Wabash, Ind.
Jarecki Mfg. Co., Erie, Pa.
Kelly & Jones Co. ("Jewel," Quick Opening with Union), 135 Water, Pittsburgh, Pa.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Magee Alonzo H. ("Jambo"), 136 Beekman, New York
Marsh Valve Co., Erie, Pa.
Michigan Lubricator Co., Detroit, Mich.
Milwaukee Valve Co. ("M"), 139 Burrell, Milwaukee, Wis.
Ohio Brass Co. ("O. B." Wood Wheel), Mansfield, O.
Penn Engineering Co., 312 Cherry, Phila., Pa.
Queen City Brass & Iron Works, Cincinnati, O.
Simmons John Co., 110 Centre, New York
Stephens Roe Mfg. Co. ("Chicago" Quick Opening), Detroit, Mich.
Syracuse Faucet & Valve Co., Eastwood, N. Y.
United States Radiator Corp., Detroit, Mich.

16378—Valves (Radiator, Steam & Hot Water)

FAIRBANKS CO., 416 Broome, New York *For branch houses see Alphabetical Section*
Gorton & Lidgerwood Co., 96 Liberty, New York
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Marsh Valve Co., Erie, Pa.

Valves (Reducing)

See Valves, Pressure Reducing

16379-80—Valves (Regrinding)

Buckeye Iron & Brass Works, Dayton, O.
Crane Co. (Est. 1855), 836 S. Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Eynon-Evans Mfg. Co. ("Eynon," Gate Valves), N 15th & Clearfield, Phila., Pa.
FAIRBANKS CO., 416 Broome, New York
For branch houses see Alphabetical Section
Jarecki Mfg. Co., Erie, Pa.
Kelly & Jones Co. ("Excelsior," Brass), 135 Water, Pittsburgh, Pa.
LUNKENHEIMER CO. ("Renewo," "Ferrenewo"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Nelson Valve Co., Harrison bldg., Phila., Pa.
Penberthy Injector Co. ("Penberthy"), 346 Holden av, Detroit, Mich.
Pittsburgh Valve & Fittings Co., Barberton, O.
Powell Wm. Co. ("White Star" & "Model Star"), Cincinnati, O.
Pratt & Cady Co. ("P. & C" Check), Hartford, Conn.
Queen City Brass & Iron Works, Cincinnati, O.
Williams D. T. Valve Co., Cincinnati, O.
Williams Wm. E. ("Wew"), 62 Front, New York

Valves (Regulating)

See Regulators, Pressure; also Governors, Pump

16381— Valves (Relief)

Acton John (Atmospheric Exhaust; also Sensitive), 118 John, Brooklyn, N. Y.
American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
American Valve & Meter Co., Cincinnati, Ohio
Ashton Valve Co., 161 First, Cambridge, Mass.
Atwood & Morrill ("XXth Century" Horizontal, Vertical, Angle & Down Discharge), Salem, Mass.
Best W. N., Inc. ("Calorex"), 11 B'way, New York
Cash A. W. Co., Decatur, Ill.
Chambersburg Engng. Co. (Hydraulic), Chambersburg, Pa.
Crane Co. (Est. 1855), 836 S. Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Crane Co. (Automatic), Bridgeport, Conn.
Davidson M. T. Co. ("Davidson" Automatic Exhaust for Condensing Engines), 43 Keap, Brooklyn, N. Y.
Davis Geo. M. Regulator Co. (Open Air), 422 Milwaukee av, Chicago, Ill.
Dielmore Valve Co. (Automatic), Tacoma, Wash.
Elliott Co. (Atmospheric), Pittsburgh, Pa.
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Fisher Governor Co., Marshalltown, Ia.
Foster Engineering Co. (Air, Water, Steam & Atmosphere), 109 Monroe, Newark, N. J.
Garrett W. D. & Co. (Atmospheric), 136 Liberty, New York
Golden-Anderson Valve Specialty Co. ("Anderson," Water Pressure, etc), Fulton bldg, Pittsburgh, Pa.
Hammett H. G. ("Richardson," Also Combined Pressure & Vacuum Relief), Troy, New York
Kellogg M. W. Co. (Automatic, Atmospheric Exhaust), 90 West, New York
See adv index at end of book
Klipfel Mfg. Co. ("K. & T."), 2651 W. Harrison, Chicago, Ill.
Konold M. J. Co. (Automatic), 601 Bessemer bldg, Pittsburgh, Pa.
L. B. Brass Co. ("Donnelly"), Peabody, Mass.
Larkin Mfg. Co., Dayton, O.
Locke Regulator Co. (Or Vacuum Breaker), Salem, Mass.
Lombard Governor Co. (From 5 to 23 inches in Diameter, for Water Wheel Power), Ashland, Mass.
Ludlow Valve Mfg. Co. ("Ludlow"), ft. of Adams, Troy, N. Y.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
MASON REGULATOR CO. ("Mason"), 1192 Adams, Boston, Mass.
See adv index at end of book
McRae & Roberts Co., 227 Campbell av, Detroit, Mich.
See adv index at end of book
Mowell Augustus & Co. ("Mowell" Automatic), Paterson, N. J.
Mueller H. Mfg. Co. (also Globe Valves), Decatur, Ill.
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Ross Valve Mfg. Co. ("Trojan" for Water Mains), 9 Oakwood av, Troy, N. Y.
See adv index at end of book
SCHUTTE & KOERTING CO., 1251 N. 12th, Phila., Pa.
Simmons John Co., 110 Centre, New York
Smolensky M. Mfg. Co., 2108 Superior av, N. W., Cleveland, O.
See adv index at end of book
Specialty Mfg. Co. ("S. M. C." Automatic Cylinder), 14 E Jackson blvd., Chicago, Ill.
Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.
Thompson J. & Co., Van Horn & Sophia, Phila., Pa.
Triumph Valve Mfg. Co., Mansfield, O.
Vaile-Kimes Co. ("V. & K."), Dayton, O.
Watertown Specialty Co. ("Watertown" Automatic Oil), Watertown, N. Y.
Wheeler C. H. Mfg. Co. ("Multifex" Atmospheric), Lehigh av & 18th, Phila., Pa.
Williams Wm. E. ("Wew"), 62 Front, New York
Witt G. E. Co., 862 Howard, San Francisco, Cal.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.
Worthington Pump & Machy. Corp. (Exhaustand, Automatic Exhaust), 115 B'way, New York
See adv index at end of book

16382—Valves (Renewable Seat)

Albany Steam Trap Co. ("Blessing"), Albany, N. Y.
Bashlin Co., Warren, Pa.
Chapman Valve Mfg. Co. ("Chapman"), Indian Orchard, Mass.
Crane Co. (Est. 1855), 836 S. Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Darling Pump & Mfg. Co., Williamsport, Pa.
FAIRBANKS CO., 416 Broome, New York
For branch houses see Alphabetical Section
Jenkins Bros., 80 White, New York
LUNKENHEIMER CO. ("Renewo" "Ferrenewo," "Victor"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Powell Wm. Co. ("White Star"), Cincinnati, O.
Pratt & Cady Co. ("P & C" Gate), Hartford, Conn.
Richardson-Phenix Co. ("Nokut"), Milwaukee, Wis.

16383— Valves (Reversing)

Amsler Walter O. ("Amsler"), Wabash bldg, Pittsburgh, Pa.
Atlas Engineering Co. (Gas), Amherst, O.
See adv index at end of book
Blaw-Knox Co., Farmer's Bk. bldg, Pittsburgh, Pa.
Gas Machinery Co. (Gas), 1900 Euclid av, Cleveland, O.
Morgan Construction Co. ("Dybie," Air or Gas), Worcester, Mass.
Miller W. R. Co. (Air & Gas), House bldg, Pittsburgh, Pa.
Sterritt-Thomas Foundry Co. ("Sieman"), 32d & Smallman, Pittsburgh, Pa.
Swindell Wm. & Bro., Pittsburgh, Pa.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
Wellman-Seaver-Morgan Co. ("Forter" Water Sealed), Cleveland, O.

16384— Valves (Rubber)

Acme Rubber Mfg. Co., Trenton, N. J.
Anchor Packing Co. ("Ankorite"), Lafayette bldg, Phila., Pa.
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Buffalo Weaving & Belting Co., Buffalo, N. Y.
Canfield H. O. Co., Bridgeport, Conn.
Cincinnati Rubber Mfg. Co. (Pump), Cincinnati, O.
Continental Rubber Works, Erie, Pa.
Crosby Steam Gage & Valve Co. ("Branden"), 40 Central, Boston, Mass.
Elkhart Rubber Works, Elkhart, Ind.
Essex Rubber Co., Trenton, N. J.
Excelsior Valve Co. ("Excelsior"), 108 Fulton, New York
Federal Rubber Co., The, Cudahy, Wis.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Home Rubber Co., Trenton, N. J.
Jenkins Bros., 80 White, New York
Johns H. W.-Manville Co. ("J-M"), Madison av & 41st, New York
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mechanical Rubber Co. (Marine, Pump, etc), Cleveland, O.
Mercer Rubber Co., Hamilton Square, N. J.
Myers F. E. & Bro., 800 Orange, Ashland, O. *See adv index at end of book*
National India Rubber Co., Bristol, R. I.
N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
New York Belting & Packing Co. (Pump & Ball), 91 Chambers, New York
New York Rubber Co., Reade & Church, New York
Peerless Rubber Mfg. Co., 31 Warren, New York
Pennsylvania Rubber Co. ("Pennsylvania"), Jeannette, Pa.
Pratt & Cady Co. ("P. & C" Hydrant). Hartford, Conn.
Quaker City Rubber Co., 629 Market, Phila., Pa.
Revere Rubber Co., Chelsea, Mass.
STRONG MACHINERY & SUPPLY CO. ("Strong's" I. O. P. Oil Proof Pump Valves), 21 Walker, New York
See adv index at end of book
Thermoid Rubber Co., Trenton, N. J.
United & Globe Rubber Mfg. Co., Trenton, N. J.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
Western Rubber Co. (Pump), Goshen, Ind.
Whitehead Bros. Rubber Co., Trenton, N. J.
Woven Steel Hose & Rubber Co., Trenton, N. J.

16385— Valves (Sacking)

Sackett A. J., cor 4th av & 1st, Baltimore, Md.

16386— Valves (Safety)

American Steam Gauge & Valve Mfg. Co., 208 Camden st, Boston, Mass.
Andrews Heating Co., ("Andrews" Regulating), Minneapolis, Minn.
Ashton Valve Co., 161 First, Cambridge, Mass.
Belfield H. Co. (Brass or Iron), 435 N Broad, Phila., Pa.
Buckeye Iron & Brass Works (Iron & Brass Body), Dayton, O.
Coale Muffler & Safety Valve Co., 325 E. Oliver, Baltimore, Md.
Consolidated Safety Valve Co., 119 W 40th, New York
Crane Co., Bridgeport, Conn.
Crane Co. (Est. 1855), 836 S. Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
Denver Hydro Co. ("Sentinel" Automatic Air), 3100 Stuart, Denver, Colo.
Ex Cel Safety Gas Valve Co., 5726 Euclid av, Cleveland, O.
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Fire & Gas Appliance Co., 1906 Wyandotte, Kansas City, Mo.
Haydenville Co. (Boiler), Haydenville, Mass.
Hoffmann & Billings Mfg. Co., 100 2nd, Milwaukee, Wis.
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, Ohio
Jarecki Mfg. Co., Erie, Pa.
Jenkins Bros., 80 White, New York
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Kunkle E. B. & Co., Fort Wayne, Ind.
Locke Regulator Co., Salem, Mass.

Lonergan J. E. Co. (Spring Loaded), 211 Race, Philadelphia, Pa.
LUNKENHEIMER CO. ("Duplex," "Midget," "Alert," "Gas Pop"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McNab & Harlin Mfg. Co. (Brass & Iron Body), 55 John, New York
McRae & Roberts Co., 227 Campbell av, Detroit, Mich.
See adv index at end of book
Michigan Lubricator Co., Detroit, Mich.
Milwaukee Valve Co. ("M," Brass), 139 Burrell, Milwaukee, Wis.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
O'Malley-Beare Valve Co. ("Multiple"), Railway Exchange bldg, Chicago, Ill.
Powell Wm. Co. (Brass & Iron Globe, Angle & Cross), Cincinnati, O.
Pratt & Cady Co. ("P & C"), Hartford, Conn.
Queen City Brass & Iron Works ("Hesterberg"), Cincinnati, O.
Simmons John Co., 110 Centre, New York
Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.
Stephens, Roe Mfg. Co. ("Orme," "Scott"), Detroit, Mich.
Springfield Brass Co., Springfield, O.
Walworth Mfg. Co., Boston, Mass.

16387— *Valves (Screw Down Check)

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book

16388—Valves (Sewer Flushing)

Merritt Hydraulics Co. ("Merritt"), 110 N Broad, Phila., Pa.

16389— Valves (Sheer)

Coldwell-Wilcox Co., Newburgh, N. Y.

16390—Valves (Shower Bath)

Clow Jas. B. & Sons ("Clow"), Franklin & Harrison, Chicago, Ill.
Dececo Co., 157 High, Boston, Mass.
Federal-Huber Co., 234 N Halsted, Chicago, Ill.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Haydenville Co. ("Haydenville" Self-Closing), Haydenville, Mass.
Hoffmann & Billings Mfg. Co. (Niedecken Mixer), 100 2nd, Milwaukee, Wis.
Imperial Brass Mfg. Co. ("Ingham"), 524 S Racine, Chicago, Ill.
See adv index at end of book
Jenkins Bros., 80 White, New York
Lehnert & Co., 313 E 22d, New York
Leonard Rooks Co., 486 Broad, Providence, R. I.
Matthews W. N. & Bro. ("Matthews Steamix"), Industrial Division, St. Louis, Mo.
Mott J. L. Iron Works, Trenton, N. J.
Norman C. Erwin & Co., 18 W Kinzie, Chicago, Ill.
Sanitas Mfg. Co., 105 Washington, Boston, Mass.
Smith & Abbott Co., Portland, Me.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
Watrous Co., 14 E Jackson blvd, Chicago, Ill.
Webb F. W. Mfg. Co., 56 Elm, Boston, Mass.
Wolff L. Mfg. Co., 111 N. Dearborn, Chicago, Ill.
Wolverine Brass Wks., Grand Rapids, Mich.

16391—*Valves (Sight Feed)

LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

16392— Valves (Slide)

American Balance Valve Co. ("Jack Wilson" High Pressure Balanced), Jersey Shore, Pa.
Hammett H. G. ("Richardson." "Allen-Richardson," Balanced), Troy, N. Y.

16393— Valves (Snifting)

Ashton Valve Co.. 161 First, Cambridge, Mass.
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
Williams Wm. E. ("Wew"), 62 Front, New York

16394—Valves (Solenoid Operated)

CUTLER-HAMMER MFG. CO., 12th & St. Paul av, Milwaukee, Wis.
See adv index at end of book

16395—*Valves (Special Designs)

LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book

16396— Valves (Stand Pipe)

Engineers' Appliance Co. ("Hydromatic"), Cleveland, O.
Golden-Anderson Valve Specialty Co. ("Anderson"), Fulton bldg, Pittsburgh, Pa.
Pratt & Cady Co. ("P & C"), Hartford, Conn.
Simplex Valve & Meter Co. (Controlling Valves for Stand Pipes or Reservoirs), 110 N. Broad. Phila.. Pa.

16397—Valves (Steam, Air)

Chapman Valve Mfg. Co. ("Chapman"), Indian Orchard, Mass.
Darling Pump & Mfg. Co., Williamsport, Pa.
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Marsh Jas. P. & Co., 118 S. Clinton, Chicago, Ill.
McMANN & TAYLOR CO., 104 John, New York. *See adv index at end of book*
Nathan Mfg. Co. (Air Pump for Locomotives), 416 E. 106th, New York
Nelson Valve Co., Harrison bldg., Phila., Pa.
Smolensky M. Mfg. Co., 2108 Superior av, N. W., Cleveland, O.
See adv index at end of book
Stephens Roe Mfg. Co., Detroit. Mich.

16398—Valves (Steam Feed)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Homestead Valve Mfg. Co., Pittsburgh, Pa.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Lufkin Foundry & Machine Co. ("Trout's"), Lufkin, Tex.
LUNKENHEIMER CO. ("Renewo," "Ferrenewo," "Clip," "Victor," "Handy"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Pratt & Cady Co. ("P & C"), Hartford, Conn.

16398a—Valves (Steam, Gas, Water)

See also Valves (Steam Vales, Gas Valves, Water), etc.
Schutte & Koerting Co., 1251 N 12th, Phila, Pa.

16399— Valves (Steel)

Chapman Valve Mfg. Co. ("Chapman"), Indian Orchard, Mass.
Crane Co. (Est. 1855), 836 S. Michigan av, Chicago, Ill
For branch offices see Alphabetical Section
Darling Pump & Mfg. Co., Williamsport, Pa.
Larkin J. K. & Co. (also Iron), 34 Reade, New York *See adv index at end of book*
LUNKENHEIMER CO. ("Victor"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Nelson Valve Co., Harrison bldg., Phila., Pa.
Pratt & Cady Co. ("P & C"), Hartford, Conn.
Wilfert John Co., 258 B'way, New York

16400— Valves (Stoker Engine Regulator)

McDonough Automatic Regulator Co., 716 Gd River, Detroit, Mich.
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
See adv index at end of book

16401— Valves (Stop)

Acton John (Safety), 118 John, Brooklyn. N. Y.
Albany Steam Trap Co. ("Blessing"), Albany, N. Y.
Belfield H. Co., 435 N Broad, Phila., Pa.
Bordo L. J. Co. ("Bordo," Locomotive), 12th & Thompson, Phila., Pa.
Bourbon Copper & Brass Works, Cincinnati, O.
Central Brass Mfg. Co. (Quick Pression Stop & Waste), 6206 Cedar, Cleveland, O.
Chambersburg Engng. Co. (Hydraulic), Chambersburg, Pa.
Coffin Valve Co., Neponset, Boston, Mass.
Coldwell-Wilcox Co., Newburgh, N. Y.
Crane Co. (Est. 1855), 836 S. Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Darling Pump & Mfg. Co., Williamsport, Pa.
Davis Geo. M. Regulator Co. (Auto), 422 Milwaukee av. Chicago. Ill.
Eddy Valve Co., Waterford, N. Y.
Edward Valve & Mfg. Co. ("Edward," for Superheated Steam, Hydraulic & Boiler Drum Head Stop, etc), Edison bldg, Chicago, Ill.
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Foster Engineering Co. (Automatic Non-Return, etc.), 109 Monroe, Newark, N. J.
French Oil Mill Machinery Co., Piqua, O.
Golden-Anderson Valve Specialty Co. (Automatic), Fulton bldg, Pittsburgh, Pa.
Hancock Inspirator Co., 119 W 40th, New York
Hoffman B. Mfg. Co., 257 6th, Milwaukee, Wis.
Hoffmann & Billings Mfg. Co., 100 2nd, Milwaukee, Wis.
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
LUNKENHEIMER CO. ("Renewo," "Ferrenewo," "Clip," "Victor," "Handy"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McMann & Taylor Co., 104 John, New York. *See adv index at end of book*
McShane Bell Foundry Co., Harford av & B & O R R, Baltimore, Md.
New Bedford Valve Mfg. Co. (Also Automobile Stop), New Bedford, Mass.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pratt & Cady Co. ("P. & C." Check), Hartford, Conn.
Rensselaer Valve Co., Troy, N. Y.
Schutte & Koerting Co. ("Schutte" Locomotive & All Steel Body), 1251 N 12th, Phila., Pa.
Simmons John Co., 110 Centre, New York
Stephens Roe Mfg. Co., Detroit, Mich.
Strong Carlisle & Hammond Co. ("Strong" Automatic Non-Return), 336 Frankfort av, N W, Cleveland, O.
Thompson J. & Co., Van Horn & Sophia, Philadelphia, Pa.
Utica Valve & Fixture Co., Utica, N. Y.
Vulcan Brass Mfg. Co. ("Premier"), 24 Noble Court, Cleveland, O.
Walworth Mfg. Co. (Automatic), Boston, Mass.
Whitcomb Geo. D. Co. ("Whitcomb," For Copper & Other Mines), Rochelle, Ill.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.
Yarnall-Waring Co. ("Caskey-Simplex," Hydraulic), Harrison bldg., Phila., Pa.

16401a— Valves (Stop Check)

LUNKENHEIMER CO., Executive offices and factories Beekman & Waverly, Cincinnati, O.
Schutte & Koerting Co., 1251 N. 12th, Phila, Pa.

16402—Valves (Street Sprinkling)

Everlasting Valve Co., 2 Rector, New York
Hoffmann B. Mfg. Co. ("Heim"), 257 6th, Milwaukee, Wis.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book

16402a— *Valves (Suction)

Smolensky M. Mfg. Co. ("Smolensky"), 2108 Superior av, N. W., Cleveland, O.
See adv index at end of book

16403—Valves (Sugar Wagon)

McNab & Harlin Mfg. Co., 55 John, New York

16404— Valves (Super-heat)

Ashton Valve Co. (Safety), 161 First, Cambridge, Mass.
Chapman Valve Mfg. Co. ("Chapman"), Indian Orchard, Mass.
Darling Pump & Mfg. Co., Williamsport, Pa.
Jenkins Bros., 80 White, New York
LUNKENHEIMER CO. ("Victory"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Nelson Valve Co., Harrison bldg., Phila., Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Pratt & Cady Co. ("P & C"), Hartford, Conn.
Wilfert John Co. (Steam), 258 B'way, New York

16405—Valves (Surgical Laboratory & Sink)

Speakman Supply & Pipe Co. ("Speakman" Foot Action, Pedal, etc.), Wilmington, Del.

16406— Valves (Syphon)

American Pin Co. ("Ampinco"), Waterbury, Conn.
Exeter Brass Works ("N. H."), Exeter, N. H.
Frost Mfg. Co. (Brass), Kenosha, Wis.
Hall Mfg. Co., Harrison, N. J.
McShane Bell Foundry Co., Harford av & B. & O. R. R., Baltimore, Md.
Miller Chas. A. Co. (Cone for High Tanks), Sturgis, Mich.

16407— Valves (Tank)

American Valve & Meter Co., Cincinnati, Ohio
Atwood & Morrill ("XXth Century"), 48 Loring av, Salem, Mass.
Boston Brass Co. ("B. B."), 135 Bacon, Waltham, Mass.
See adv index at end of book
Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
Crane Co. (Est. 1855), (Float), 836 S. Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Dececo Co., 157 High, Boston, Mass.
Enameled Tank Co. (Hydraulic & Automatic), Kalamazoo, Mich.
Engineers Appliance Co. ("Hydromatic"), Cleveland, O.
Exeter Brass Works, Exeter, N. H.
Fisher Governor Co., Marshalltown, Ia.
Ford Thomas P. Co. ("Ford" High Pressure), 407 Broome, New York
Foster Engineering Co. (Steam & Water), 109 Monroe, Newark, N. J.
Golden-Anderson Valve Specialty Co. ("Anderson"), Fulton bldg, Pittsburgh, Pa.
Hinman D. A. & Co. ("Enterprise"), Sandwich, Ill.
Homestead Valve Mfg. Co., Pittsburgh, Pa.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
Nelson Valve Co., Harrison bldg., Phila., Pa.
Phillips Flushing Tank Co., 66 Batterymarch, Boston, Mass.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Rundle-Spence Mfg. Co. ("Georgia"), Milwaukee, Wis.
Simmons John Co., 110 Centre, New York
Standard Brass & Iron Works (For Brewers, etc), 1820 St. Paul av, Milwaukee, Wis.
Trenton Brass & Machine Co., Trenton, N. J.
Waters Governor Co., 141 Milk, Boston, Mass.
Watertown Specialty Co. ("Watertown" Automatic Oil), Watertown, N. Y.

16408—Valves (Tanner Operating)

Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R. Pittsburgh, Pa.

16409— Valves (Thermostat)

American Thermostat Co. ("Marvel"), 101 Mechanic, Newark, N. J.

Hoffman Heater Co. ("Hoffman"), Lorain, Ohio
Illinois Engineering Co. ("Illinois"), 5021 S State, Chicago, Ill.
National Steam Specialty Co. ("National"), 16 S Clinton, Chicago, Ill.
Yoder-Thomas Mfg. Co. ("Wentz"), Engineers' Bldg, Cleveland, O.

16410— Valves (Throttle)

Buckeye Iron & Brass Works (High Pressure, Quick Opening Balance), Dayton, Ohio
Crane Co., Bridgeport, Conn.
Crane Co. (Est. 1855), 836 S. Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Detroit Lubricator Co. ("Detroit Pendry"), Detroit, Mich.
Everlasting Valve Co., 2 Rector, New York
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Fire & Gas Appliance Co., 1906 Wyandotte, Kansas City, Mo.
Haydenville Co. ("Peerless"), Haydenville, Mass.
Hoffman B. Mfg. Co., 257 6th, Milwaukee, Wis.
Imperial Iron Works ("Imperial" for Hoisting Engines), Duluth, Minn.
Jarecki Mfg. Co., Erie, Pa.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Knox Mfg. Co. (For Drills), 821 Cherry, Phila., Pa.
LUNKENHEIMER CO. Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McNab & Harlin Mfg. Co. (Brass & Iron Body), 55 John, New York
Mead-Morrison Mfg. Co. (Straightway & Balanced), Prescott & Orleans, Boston, Mass.
Michigan Lubricator Co. ("Michigan" Quick Opening), Detroit, Mich.
Nelson Valve Co., Harrison bldg, Phila., Pa.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Pekor Chas. F. ("Sawyers"), Columbus, Ga.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
Powell Wm. Co. ("Ready," "Titan," "Giant"), Cincinnati, O.
Pratt & Cady Co. ("P. & C."), Hartford, Conn.
Queen City Brass & Iron Works ("Hesterberg"), Cincinnati, O.
Schutte & Koerting Co., 1251 N 12th, Phila., Pa.
Simmons John Co., 110 Centre, New York
Stephens Roe Mfg. Co. ("Goldsmith"), Detroit, Mich.
Strong, Carlisle & Hammond Co. ("Strong"), 336 Frankfort av, N W, Cleveland, O.
Williams Wm. E. ("wew"), 62 Front, New York

16411— Valves (Tire)

American Pin Co. ("Ampinco"), Waterbury, Conn.
Schrader's A. Son Inc. ("Schrader" for Bicycles, Motorcycles, Automobiles, etc), 783-803 Atlantic av, Brooklyn, N. Y.

16412—Valves (Track Sander)

Ohio Brass Co. ("O. B." Diaphragm, Mansfield, O.

16413— Valves (Transfer)

Jarecki Mfg. Co. (Iron Body), Erie, Pa.
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.

16414-5—Valves (Tubular Well)

Crane Co. (Est 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Crestline Mfg. Co., Crestline, O.
Mark Mfg. Co., Evanston, Ill.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.

Valves (Tuyere)

See Cocks, Tuyere

16416-7— Valves (Underwriters' Water Relief)

American Steam Gauge & Valve Mfg. Co., 208 Camden st, Boston, Mass.
Ashton Valve Co., 161 First, Cambridge, Mass.
Columbian Iron Works, Chattanooga, Tenn.
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

16418— Valves (Unloading)

Jarecki Mfg. Co., Erie, Pa.

16419— Valves (Vacuum)

Bottum Valve Co., 211 W Schiller, Chicago, Ill.
Dexter Engineering Co., Inc., Providence, R. I.
Economy Vapor Heating Co., Merchants' National Bank bldg, Omaha, Nebr.
Fairbanks Co., 416 Broome, New York
For branch houses see Alphabetical Section
Marsh Valve Co., Erie, Pa.

16420—Valves (Vacuum, Automatic Air)

Belfield H. Co., 435 N Broad, Phila., Pa.
Bridgman Bros. Co. ("Bridgman" D for Vacuum Heating), 1426 Washington av, Phila., Pa.
Consolidated Engineering Co. ("Van Auken"), 507 W Jackson blvd, Chicago, Ill.
Fulton Co. ("Sylphon"), Knoxville, Tenn.
Illinois Engineering Co., 5021 S State, Chicago, Ill.
Imperial Brass Mfg. Co. ("Duram"), 524 S Racine av, Chicago, Ill.
See adv index at end of book
Klipfel Mfg. Co. ("K. & T."), 2651 W Harrison, Chicago, Ill.
L. B. Brass Co. ("Donnelly"), Peabody, Mass.
Loetzer Valve & Mfg. Co. (For Water Mains), Monroeton, Pa.
National Steam Specialty Co. ("National"), 16 S. Clinton, Chicago, Ill.
Open Coil Heater & Purifier Co. ("Stickle" Thermic), Indianapolis, Ind.
Simonds Heating & Specialty Co. ("Simonds"), Grand Rapids, Mich.
Simplex Valve & Meter Co., 110 N Broad, Phila., Pa.

16421—Valves (Vacuum Heating)

D. G. C. Valve Co., 18 E 41st, New York
Detroit Lubricator Co., Detroit, Mich.
Marsh Valve Co., Erie, Pa.
Marsh Jas. P. & Co. ("Paul," "Marsh, Thermostatic Paul," "Thermodisk," "Reflux"), 118 S Clinton, Chicago, Ill.
SARCO CO., INC. ("Sarco"), 229 B'way, New York *See adv index at end of book*
Smolensky M. Mfg. Co., 2108 Superior av, N W, Cleveland, O.
See adv index at end of book

16422— Valves (Vault)

Meerhoff H. H. (For Outdoor Closets with Sewer Connections), Richmond, Ind.

16423— Valves (Vento)

National Steam Specialty Co. ("National," Fan Blast Work, Indirect & Vento Radiation), 16 S Clinton, Chicago, Ill.

16424—Valves (Washing Machine)

McMaster-Carr Supply Co. ("Ideal" Automatic), N Market, Chicago, Ill.

16425—Valves (Water Cooled)

Blaw-Knox Co., Farmers' Bank bldg, Pittsburgh, Pa.

16426—Valves (Water Relief)

American Steam Gauge & Valve Mfg. Co., 208 Camden st, Boston, Mass.
Ashton Valve Co., 161 First, Cambridge, Mass.
Consolidated Safety Valve Co. ("Consolidated" for Fire Pumps, Pumping Stations & Hydraulic Elevators, etc), 119 W 40th, New York
Crane Co. (Est 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
Davis Geo. M. Regulator Co. (Also Semi-Balanced Seated), 422 Milwaukee av, Chicago, Ill.
d'Este Julian Co., 24 Canal, Boston, Mass.
Kunkle E. B. & Co., Fort Wayne, Ind.
Lonergan J. E. Co., 211 Race, Phila., Pa.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McDonald A. Y. Mfg. Co. ("Diamond"), Dubuque, Ia.
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
See adv index at end of book
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
Powell Wm. Co., Cincinnati, O.
Ross Valve Mfg. Co. ("Trojan"), 9 Oakwood av, Troy, N. Y.
See adv index at end of book
Simmons John Co., 110 Centre, New York
Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.
Stephens Roe Mfg. Co. ("Scot"), Detroit, Mich.
Vaile-Kimes Co. ("V. & K."), Dayton, O.
Walworth Mfg. Co., Boston, Mass.
Watson & McDaniel Co., 146 N 7th, Phila., Pa.

16427—Valves (Water Sealed)

Beaton & Cadwell Mfg. Co. ("Gem No. 4," "Welby Special," "Jumbo" Perfection), New Britain, Conn.
Wellman-Seaver-Morgan Co. ("Forter"), Cleveland, O.

16428— Valves (Whistle)

Buckeye Iron & Brass Works, Dayton, O.
Crane Co., Bridgeport, Conn.
Crane Co. (Est 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
Homestead Valve Mfg. Co., Pitttsburgh, Pa.
Jenkins Bros., 80 White, New York
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McNab & Harlin Mfg. Co., 55 John, New York
Michigan Lubricator Co., Detroit, Mich.
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
Ohio Brass Co. (Air), Mansfield, O.
O'Malley-Beare Valve Co. ("Multiplate"), **Railway Exchange bldg, Chicago, Ill.**
Powell Wm. Co. (Plain or Balanced), Cincinnati, O.
Queen City Brass & Iron Works, Cincinnati, O.
Simmons John Co., 110 Centre, New York
Star Brass Mfg. Co., 108 E Dedham, Boston, Mass.
Williams D. T. Valve Co., Cincinnati, O.

16429— Valves (Y)

Crane Co., Bridgeport, Conn.
Jenkins Bros., 80 White, New York
LUNKENHEIMER CO. ("Renewo"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Portland Co. (Bronze), Portland, Me.
Powell Wm. Co., Cincinnati, O.
Pratt & Cady Co. ("P. & C."), Hartford, Conn.
Williams D. T. Valve Co., Cincinnati, O.

16430—Valves & Bands (Water Pipe Tapping)

Union Water Meter Co., Worcester, Mass.

Vanadium

See Ferro, Vanadium

16431— Vanadium-Copper

LEAVITT C. W. & CO., 34 Church, New York *See adv index at end of book*
Primos Chemical Co., Primos, Pa.
Metal & Thermit Corp., 120 B'way, New York

16432— Vanillin

Monsanto Chemical Works, St. Louis, Mo.

16433— Vanners (Frue)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Galigher Machinery Co. ("Isbell"), Salt Lake City, Utah
Hallidie Company (Iron Frame), Spokane, Wash.

16434— Vans (Moving)

Milburn Wagon Co., Toledo, O.
Schurmeier Wagon Co., 9th & B'way, St. Paul, Minn.
Streich A. & Bro. Co., Oshkosh, Wis.
Winkler-Grimm Corp., South Bend, Ind.

16435—Variable Speed Transmission

See also Gears, Reduction for Motors

American Rotary Pump, 67 Hampden, Boston, Mass.
Evans Friction Cone Co. ("Evans"), Newton Center, Mass.
Goodman Machine & Tool Co., 50 Church, New York
Horton Mfg. Co., 3008 University av, Minneapolis, Minn.
Lentz-Schebler Co. (Pulleys), Indianapolis, Ind.
Meese & Gottfried Co., 660 Mission, San Francisco, Cal.
Moore & White Co., N 15th & Lehigh av, Phila., Pa.
Phenix Iron Works, Winona, Minn.
Reeves Pulley Co. ("Reeves" System), Columbus, Ind.

16436— Variators

American District Steam Co. (Single & Double Expansion), North Tonawanda, N. Y.

Varnish (Armature & Field Coil)

See Varnishes, Insulating

16437— Varnish Cloth

American Mica Co. ("Puritan"), Newton Lower Falls, Mass.
Essex Varnish Co. (Aeroplane Cloth), 84 Vesey, Newark, N. J.

16438— Varnish Gums

Apelt Herman (Imp), 76 Wall, New York
Babcock & Templeton, Inc. (Importers), Postal Telegraph bldg, San Francisco, Cal.
Bauer Phillip Co. (Damar), 68 Broad, New York
Cameron R. W. & Co. (Imp Kauri), 23 S William, New York
Carleton E. Everett & Co. (Imp.), copal, damar, pontiawak, 133 Front, New York
Fuerst Bros. & Co., 2 Stone, New York
Gillespie L. C. & Sons (Kauri, Damar & Copal), 8 Fletcher, New York
Gravenhorst & Co. (Copal) (Imp), 96 Wall, New York
Gross Otto (Imp), 66 Beaver, New York
Hartman Bros., Inc. (Imp. Damar), 641 Atlantic av, Boston, Mass.
Isenstein Otto & Co. (Copal & Damar Imp), 10 Hubert, New York
Klipstein A. & Co. (Kauri, Damar & Copal), 644 Greenwich, New York
Mauer E. Co. (Imp.) (Copal), 80 Maiden la, New York
Meyer J. & Sons (Kauri, Copal, Damar), 537 Phila. Bourse, Phila., Pa.
Paterson, Boardman & Knapp (Kauri, Damar Copal), 10 Bridge, New York
Patterson G. W. S. & Co. (Kauri, Damar & Copal), 135 Front, New York
Pauli Hermann (Copal), 80 Pine, New York
Scheel Wm H. (Kauri, Damar & Copal), 159 Maiden la, New York
Tappenbeck W. (Imp.), 106 Wall, New York
Windmuller L. & Roelker (Copal), 20 Reade, New York
Winterbourne S. &. Co. (Kauri, Damar & Copal), 94 Pine, New York

16439— Varnish Mfrs.

CALIFORNIA.

ALAMEDA—Worden Meeker Varnish Co. of San Francisco
OAKLAND—**CALIFORNIA PAINT CO.**
SAN FRANCISCO—Bass-Hueter Paint Co. 816 Mission
Fuller W. P. & Co., 301 Mission
Remolite Paint Co.
San Franscisco Pioneer Varnish Wks., 816 Mission
Tamm & Nolan Co., 151 Potrero av
Worden Meeker Varnish Co.
Yates & Co., 762 Folsom

COLORADO.

DENVER—Baum Bros. Co.
McMurtry Mfg. Co.

CONNECTICUT.

BRIDGEPORT—American Lacquer Co.
Crockett D. B. Co. ("Opal Gloss" Spar)
Parrott Varnish Co. ("Parrott" Auto)
MIDDLETOWN—**Smith J. O. Mfg. Co.**
NEW HAVEN—**Booth & Law Co.**

DELAWARE.

WILMINGTON—**Bradford James Co., 8 E 3d**

GEORGIA.

ATLANTA—Cooledge F. J. & Sons
Southern Paint & Varnish Wks. ("S. P. V. W.")

ILLINOIS.

CHICAGO—Adams & Elting Co. ("Ad-El-Ite," Floor 103, "Spar-Ite"), 726 Wash blvd
American Varnish Co. (Railway Carriage & Cabinet), 1140 N Branch
Armstrong Paint & Varnish Works ("Varnolin"), 2502 S Paulina
Atlantic Drier & Varnish Co., 3909 Sheridan rd
Barrett Varnish Co., 233 W Lake
Bennett Varnish Co., 2215 Elston av
Chicago Varnish Co., 2100 Elston av
Cooper-Bell Varnish Co., 2526 W Van Buren
Crown Varnish & Enamel Co., 2322 N Seeley av
Day James B. & Co., 214 W Ohio
Devoe & Raynolds Co., 14 W Lake
Elliott Varnish Co. ("Roof Leak"), 1013 S Kolmar av
Elmendorf Varnish Co., 841 Larrabee
Franche C. E. & Co., 440 Orleans
Grace Varnish Co., 1014 Larrabee
Martin-Senour Co., 2520 Quarry
Nikolas G. J. & Co., 1227 W Vanburen
Nubian Paint & Varnish Co. ("Victory," "Everlastine," "Re - Vi-Var"), 1856 Leclair av

ILLINOIS—Chicago—continued
Patterson-Sargent Co. ("Nisoron"), 2025 Lumber
Stewart, Mowry Co., 3218 Shields av
Sullivan Varnish Co., 410 Hart
Thurston F. W. Co., 1832 S Clark
Tousey Varnish Co., 520 W 25th
Twin City Varnish Co., 340 River
Unkefer Geo. R. Co., 1827 Le Clair av,
Vilas Bros, 717 S 5th av
Washburn Thos. F. Co., 2213 Lister av
Watson Geo. E. Co., 62 W Lake
Wheeler Varnish Works, 2260 Elston av
PEORIA—Globe Mfg. Co.
ROCKFORD—Rockford Varnish Co.
SPRINGFIELD—Kinsella Varnish Co.
ZION CITY—Bereda Mfg. Co.

INDIANA.

INDIANAPOLIS—Indianapolis Varnish Co.
Lilly Varnish Co.
SHELBYVILLE—Lindeman Wood Finish Co.
SOUTH BEND—O'Brien Varnish Co. ("O'Brien")
VALPARAISO—Parker Chas. H. Co.

IOWA.

WATERLOO—Waterloo Varnish Mfg. Co.

KENTUCKY.

LOUISVILLE—Long C. R. Jr. & Co.
Louisville Varnish Co.
Sun Varnish Co.

LOUISIANA.

NEW ORLEANS—Union Varnish Co. (A. Riggs & Bro., Props.), 3d & Claibourne

MAINE.

PORTLAND—Fuller August P. Co.

MARYLAND.

BALTIMORE—Baltimore Varnish Works, Severn & Bayard
Chesapeake Oil Co., Stockholm & Peach alley
Davis H. B. Co., Keyser bldg
Macneal Jas. B. & Co., Warner & Wooster
Popplein G. & N., 220 North

MASSACHUSETTS.

BOSTON—Babcock J. & Co., Allston
Babcock Varnish Co., 144 High
Boston Varnish Co., Everett Station
Burbank & Ryder
Carpenter-Morton Co. ("Campbell"), 77 Sudbury
Gilman Chas. H. ("Drescote"), 103 Merrimac
King E. & F. & Co., 367 Atlantic av
New England Oil, Paint & Varnish Co., Waters av
Wadsworth, Howland & Co. ("Bay State"), 141 Federal
CHELSEA—Miller Lyman M. (Est. of)
Nico Varnish Co.
EVERETT—Boston Varnish Co.
Nolst Varnish Co.
MIDDLEBORO—Shaw Geo. H. Co.
NORFOLK DOWNS—Norfolk Varnish Co.
SPRINGFIELD—Hampden Paint & Chemical Co.
Wadsworth Howland & Co.

MICHIGAN.

BATTLE CREEK—Battle Creek Roofing & Mfg. Co.
DETROIT—Acme White Lead & Color Works
Berry Bros.
Cadillac Varnish Works, 31 Eastern pl
Detroit Varnish Co.
Detroit White Lead Works
McNamara Michael Varnish Works, Clark & M C R R
Peninsular Paint & Varnish Co.
Trus-con Laboratories
GRAND RAPIDS—Grand Rapids Varnish Co.
Grand Rapids Wood Finishing Co.
PONTIAC—Pontiac Varnish Co.
FLINT—Flint Varnish & Color Works

MINNESOTA.

ST. PAUL—St. Paul White Lead & Oil Co., Water & Starkey
Twin City Varnish Co. ("Best-Yette," "Wearette"), 521 Cleveland av

MISSOURI.

KANSAS CITY—Seidlitz Varnish Co., 18th & Garfield
ST. LOUIS—Campbell Glass & Paint Co.
Gregg Varnish Co., Grand & McKissock av
Mound City Paint & Color Co., 11th & Mullanphy
Robbins A. Varnish Co., 1537 N 8th
Vane-Calvert Paint Co., 1601 N B'way

NEBRASKA

OMAHA—National Oil & Paint Co.

NEW JERSEY.

CAMDEN—Clement Coverall Co.
Certain-teed Products Corp.
FANWOOD—Bond Varnish Co.
GIBBSBORO—Lucas John & Co.
HOBOKEN—Hotopp Varnish Co.
JERSEY CITY—Aspinwall Geo. H., Corneilson av
Gillespie Chas. H. & Sons, Dey
New Jersey Paint Works (Louderbough Hy, Prop), Wayne
Woolsey C. A. Paint & Color Co., 500 Grand
NEWARK—Anglo-American Varnish Co., 55 Johnson
Armitage Jno. L. & Co., 54 Dawson
Beckwith-Chandler Co., 203 Emmett
Bigelow Varnish Co., 81 Oliver
Brooks Clarence & Co., 249 Chestnut
Continental Varnish Co.
Devoe F. W. & C. T. Reynolds Co. 223 N. J. R. R. av
(See New York City)
Essex Varnish Co., 84 Vesey
Flood & Conklin Co., 132 Chestnut
Murphy Varnish Co., McWhorter
Newark Varnish Works, Delancy c Adams
Palmer Price Co., 270 Chestnut
Patton Paint Co., ft Chester av
Pitcairn Varnish Co., ft Chester av
Reliance Varnish Works, 104 Johnson
PLAINFIELD—Price-Bond Varnish Wks

NEW YORK.

BINGHAMTON—Collier H. C & Sons
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Beaver Varnish Co.
Buffalo Oil, Paint & Varnish Co.
Century Mfg. Co., 272 W Genesee
Century Varnish Co., 272 W Genesee
Harland Wm & Son
McDougall Varnish Co., 24 Evans
Pratt & Lambert (Inc.)
ELLENVILLE—Ulster Paint Works
JAMESTOWN—Jamestown Wood Finishing Co.
LONG ISLAND CITY—(See New York City, Borough of Queens)

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Ambroid Co. (For Hat Blocks & Aeroplanes), 227 Miller av
American Varnish Works, 425 Greenpoint av
Boeden & Son ("K-A-U-R-I"), 243 N 9th
Brooklyn Varnish Mfg. Co., 35 Nostrand av
Carter C. W. H. (Firm of), Columbia
Hildreth Varnish Co., 77 N 12th
Howe Varnish Co., 253 Norman av
Keystone Varnish Co. ("Keystona"), 71 Otsego
King Paint Mfg. Co., 449 Kent av
Masury John W. & Son, 50 Jay
Moller & Schumann Co., Marcy & Flushing av
Moore Benj. & Co., 231 Front
Pierce F. O. Co., 30 Tiffany pl
Valentine & Co., 364 Manhattan av
Wood & Van Derwerken Varnish Co., 33 Wythe av

Boroughs of Manhattan and Bronx.

NEW YORK—Amalgamated Paint Co., Pier 11, North River
Anderson T. P., 304 Madison av
Androvette & Townsend (Shellac), 235 Water
Barclay Naval Stores Co. (Rosin Varnish), 44 Whitehall
Beckwith, Chandler Co., 5th av & 32d
Behlen H. & Bro., 371 Pearl
Berry Bros., 262 Pearl
Calman Emil & Co., 100 William
Carter C. W. H. (Lithographers'), 8 Ferry
Congress Varnish Works, 114 Maiden Lane
De Bar Co., 1 State
Devoe & Raynolds Co., Inc., 101 Fulton
Dunham Thos. C., 68 Murray
Excelsior Varnish Works, 261 B'way
Feigel M. & Bro., 185 Wooster
Gerstendorfer Bros. ("Sapolin"), 221 E 42d
Gimbel Geo. & Co., Inc., 24 Stone
Hildreth Varnish Co., 90 West
Longman & Martinez ("Bull Dog"), 54 Maiden la
Louderback A. E. (Imp), 75 Murray
Mayer & Loewenstein ("Adamant"), 164 Water
Maynz & Co. (Brewers' Varnish), 13 Water
Mogul Co., 126 3rd av
Mott Haven Color Works, 395 Mott av
Payson Varnish Co., 141 1st & Walnut av
Pierce F. O. Co., 10 E 43d
Pomeroy & Fischer (Imp), 95 Madison av
Pratt & Lambert ("Sixty-One"), 185 Madison av
Rogers-Pyatt Shellac Co. (Shellac), 81 Water
Schlegel Oscar Mfg. Co., 111 E 12th
Sonneborn L. Sons, 262 Pearl
Standard Varnish Works, 90 West.
Toch Bros., 320 5th av
Valentine Co., 456 4th av
Victorson Varnish Co., 100 William
Whitehead Paint Co., 702 W 48th
Winterbourne S. & Co., 94 Pine
Zinsser Wm & Co., 195 William

Borough of Queens.

COLLEGE POINT—Chilton Paint Co.
GLENDALE STATION—Lion Varnish Wks
LONG ISLAND CITY—Calman Emil & Co., Vernon av
Chase Roberts & Co. ("Kismet," "Ozonite"), West av
Fenner Geo. L., West av
Horn-Holland Co., Bodine
Mayer & Lowenstein, 348 Vernon av
National Varnish Co., 153 West av
Smith Edw. & Co., 127 West av
Thibaut & Walker Co., 9th & West av
United Varnish Co. (Varnish for all Purposes), 300 Hancock
Wiley C. A. Co., Hancock

Borough of Richmond.

ELM PARK—Standard Varnish Works ("Elastica," Railroad, Marine, House, etc), 2589 Richmond ter
(End of New York City)
SCHENECTADY—Schenectady Varnish Co.
TROY—DeGolyer Varnish Works

OHIO.

AKRON—Akron Varnish Co.
CINCINNATI—Ault & Wiborg Co. (Finishing Varnishes & Japans)
Becker R. A. Varnish Co., Harrison av & Garrard
Blackburn Varnish Co., Dana & Floral Evanston
Bord Varnish Co., 202 Main
Cincinnati Varnish Co., 2111 South
Foy Paint Co., 230 E 5th
Johnston R. F. Paint Co., Pearl & Main
Queen City Varnish Co., Montgomery rd & Dana av
Richmond Bros., 616 Main
United States Varnish Co., 2616 Colerain
Wolf Herman & Co., 214 W Liberty

CLEVELAND—Arco Co., Euclid & E 65th
Billings-Chapin Co.
Bond Paint & Varnish Co., E 81st
Bulger Wm. Varnish Co., 3053 E 87th
Canfield Oil Co.
Cleveland Varnish Co., 3111 E 87th
Cuyahoga Varnish Co., 8820 Bessemer av
Day B. T. & S. P. Co., 2394 Canal rd
Diamond Paint & Varnish Co., Champlain av
Empire Varnish Co., 2638 E 76th
Excelsior Varnish Works, 1242 W 74th, N W
Forest City Paint & Varnish Co., 3334 Lakeside av
Fuller Ralph L. & Co., Guardian bldg
Glidden Varnish Co. ("Jap-a-lac"), 1755 W Madison
Klein Mfg. Co., Amer. Trust bldg
Moore Benj. & Co., 1332 Marquette av
National Paint & Varnish Co., 8709 Kinsman rd
Ohio Varnish Co. ("Chi-Namel"), 8604 Kinsman
Patterson-Sargent Co. ("B. V. S.")
Peerless Paint & Varnish Co., Hippodrome Annex
Robertson Paint & Varnish Co., 9808 Meech av
Sherwin-Williams Co.
Ullman-Philpott Co., 4805 Lexington
Van Camp Varnish Co., E 71st & Belt Line
Vaughan Paint Co., Columbus & Big 4
Western Reserve Varnish Co., 1251 Marquette
Wright Varnish Co., 7937 Kinsman av
COLUMBUS—Columbus Varnish Co.
DAYTON—Kay & Ess Co.
Lowe Bros. Co.
Thresher Varnish Co.
Tower Varnish & Dryer Co.
MARIETTA—Marietta Paint & Color Co.
TOLEDO—Buckeye Paint & Varnish Co.
Hardy Paint & Varnish Co.
Royal Varnish Co.
WEST PARK—Forbes Varnish Co.

PENNSYLVANIA.

ERIE—Bayerson Oil Works
HANOVER—Acme Extract & Chemical Works (E. G. Eckert, Prop.)
JAMESTOWN—Jamestown Paint & Varnish Co.
JOHNSTOWN—Cambria Paint & Color Co.
NORRISTOWN—Norristown Varnish Co. (Ltd.)
PHILADELPHIA—Adams Thos. J. & Co., 3605 N 4th
Atlantic Drier & Varnish Co., Meadow & Wolf
Bean Lewis U. Co., 922 Cherry
Bridgeport Wood Finishing Works (Du Pont)
Coyne Bros. Varnish Co., N 2d & Pike
Denny Hilborn & Rosenbach, 230 N 12th
Felton Sibley & Co., 136 N 4th
Flexible Compound Co., 3607 Haverford
French Samuel H. & Co., 4th & Callowhill
Graves N. Z. Corp., 22 S 3d
Grogan H. F. & Co., 2113 E Sergeant
Harrison Works (Du Pont) ("Vitrolac"), 35th c Grays Ferry rd
Howell C. H. & Co., 212 Race
Lawrence-McFadden Co., 1400 Fkd. av
Lucas John & Co., 322 Race
McCloskey Varnish Co., S 30th, c Locust
Metropolitan Paint & Varnish Co., 322 Race
NICE EUGENE E. ("Nice"), 272 S 2d
See adv index at end of book
Pecora Paint Co., 4th & P. & R. R. R.
Phoenix Paint & Varnish Co., 124 Market
Schrack C. & Co., 152 N 4th
Shoemaker Robt. & Co., 4th & Race
Spruance-Gilbert Co., 312 N 3rd
THOMSON WOOD FINISHING CO., 627 N 3d. *See adv index at end of book*
Trainer Walter L. Co., 3319 N 12th
Watrous Varnish Co., 20th & Tasker
Wetherill Geo. D. & Co., 114 N Front
Wocher H. M. & Son, 1222 W College av
Woodhouse Samuel F. ("Dull Eine"), Unity & Franklin
PITTSBURGH—Eagle Paint & Varnish Co., North Side
Globe Varnish Co., 6125 Butler
Iron City Oil & Varnish Co., Inwood & Frankstown
Lawrence W. W. & Co. ("Tiger-Brand")
Pittsburgh Varnish Co., 2640 Liberty av
Pruett-Schaffer Chemical Co.
Sipe Jas. B. & Co., Bessemer bldg
Sterling Varnish Co., Fulton bldg
Suydam M. B. Co., 61st & Butler
Thompson & Co., 1111 Galveston av, N. S.
Walters Mfg. Co., Fulton bldg
READING—Wilhelm A. Co.
SHARPSBURG—Atlas Paint Co.
TULLYTOWN—Tully Paint & Varnish Co.
WASHINGTON—Capitol Paint & Varnish Co.

TENNESSEE.

MEMPHIS—Truc-Tagg Paint Co.

TEXAS.

HOUSTON—Kuhn's Paint & Varnish Works
Rogers W. H. Paint Mill
Texas Varnish & Specialty Works

UTAH.

OGDEN—Wasatch Ozokerite Co.

VIRGINIA.

NORFOLK—American Chemical & Mfg. Co., 617 Monticello av
RICHMOND—Atlantic Varnish Works, Inc.

WASHINGTON.

SEATTLE—Crest Chemical Co. ("Pyroxylin")
Seattle Paint Co.

WISCONSIN.

MILWAUKEE—O'Neil Oil & Paint Co., 297 E Water
RACINE—Johnson S. C. & Son

Varnish Removers

See Paint & Varnish Removers

16440— Varnish Renovator

Aquart Mfg. Co. (Cleaning & Polishing), Chemical bldg, St. Louis, Mo.
Columbia Refining Co. ("Columbia" Preservative & Cleaner), 90 West, New York
Imperial Car Cleaner Co., 115 Chestnut, Newark, N. J.
Sipe Jas. B. & Co., Bessemer bldg, Pittsburgh, Pa.

16441— Varnish Substitutes

Boley C. H. Co. ("Lino-O-Lac"), 3722 N Randolph, Phila., Pa.
Standard Varnish Works, 90 West, New York

16442—Varnishes (Architectural)

Arco Co., Euclid & E 65th, Cleveland, O.
Atlantic Varnish Works, Inc. ("Duralite"), Richmond, Va.
Boston Varnish Co., Everett Station, Boston, Mass.
Chicago Varnish Co. ("Shipoleum"), 2100 Elston av, Chicago, Ill.
Columbus Varnish Co., Columbus, O.
Keystone Varnish Co. ("Trimalite"), 71 Otsego, Brooklyn, N. Y.
Murphy Varnish Co. McWhorter, Newark, N. J.
NICE EUGENE E., 272 S 2d, Phila., Pa.
See adv index at end of book
Sipe Jas. B. & Co., Bessemer bldg, Pittsburgh, Pa.
Standard Varnish Works, 90 West. New York
Valentine & Co., 456 Fourth av, New York

16443—Varnishes (Asphaltum)

Akron Varnish Co., Akron, O.
Allentown Mfg. Co., Allentown, Pa.
Alcatraz Co., Inc., 3200 Williamsburg av, Richmond, Va.
Arco Co., Euclid & E 65th, Cleveland, O.
Atlantic Drier & Varnish Co., Meadow & Wolf, Phila., Pa.
Atlantic Varnish Works, Inc., Richmond, Va.
Boston Varnish Co., Everett Station, Boston, Mass.
California Paint Co., Oakland, Cal.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Doggett Stanley, 11 Cliff, New York
Eagle Paint & Varnish Co., N S, Pittsburgh, Pa.
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
Fort Pitt Oil & Paint Co., 3209 Liberty av, Pittsburgh, Pa.
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.

TRADE MARK **NICE** REG. U.S.A.

INTERIOR and EXTERIOR **VARNISHES**

Hard Oil Finish, Dull Finish, Trokal Liquid Floor Finish, Coach and Auto Varnishes, Wagon and Truck Varnishes, Iron, Steel and Machine Varnishes, etc.

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VARNISHES (ASPHALTUM)—continued
Glidden Varnish Co., 1755 W Madison, Cleveland, O.
Harland Wm. & Son ("Harland"), Buffalo, N. Y.
Harrison Works (Du Pont), 35th c Grays Ferry rd, Phila., Pa.
Hommel O. Co., Hope & Maple, Pittsburgh, Pa.
Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.
Kay & Ess Co., Dayton, O.
Lilly Varnish Co., Indianapolis, Ind.
Lucas Jno. & Co., 322 Race, Phila., Pa.
McCloskey Varnish Co., 30th & Locust, Phila., Pa.
Macneal Jas. B. & Co., Warner & Wooster, Baltimore, Md.
Masury Jno. W. & Son, 50 Jay, Brooklyn, N. Y.
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
National Varnish Co., 153 West av, Long Island City, N. Y.
O'Brien Varnish Co., South Bend, Ind.
Parker Chas. H. Co. (Baking & Air Drying), Valparaiso, Ind.
Pratt & Lambert, Buffalo, N. Y.
Riesenman Mfg. Co., Franklin, Pa.
Sherwin-Williams Co., Cleveland, O.
Sipe Jas. B. & Co., Bessemer bldg, Pittsburgh, Pa.
Smith Edw. & Co. (Black), 127 West av, Long Island City, N. Y.
Standard Varnish Works, 90 West, New York
Stall Varnish Co., Louisville, Ky.
Texas Co., 17 Battery pl, New York
THOMSON WOOD FINISHING CO., 827 N 3d, Phila., Pa.
See adv index at end of book
United Varnish Co., 300 Hancock, Long Island City, N. Y.
Walters Mfg. Co., Fulton bldg., Pittsburgh, Pa.
Wilhelm A. Co., Reading, Pa.

16444—*Varnishes (Automobile)

Arco Co., Euclid & E 65th, Cleveland, O.
Atlantic Varnish Works, Inc. ("Ultra Blac"), Richmond, Va.
Boston Varnish Co., Everett Station, Boston, Mass.
Chicago Varnish Co. ("Chivar-Co."), 2100 Elston av, Chicago, Ill.
Columbus Varnish Co., Columbus, O.
Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.
Murphy Varnish Co., McWhorter, Newark, N. J.
NICE EUGENE E., 272 S 2d, Phila., Pa.
See adv index at end of book
Standard Varnish Works, 90 West, New York
Valentine & Co. (Vanadium), 456 Fourth av, New York
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.

16445— Varnishes (Baking)

Boston Varnish Co., Everett Station, Boston, Mass.
California Paint Co., Oakland, Cal.
Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.
Murphy Varnish Co., McWhorter, Newark, N. J.
NICE EUGENE E., 272 S 2d, Phila., Pa.
See adv index at end of book
Valentine & Co., 456 Fourth av, New York
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.

16446— Varnishes (Black)

Arco Co., Euclid & E. 65th, Cleveland, Ohio
Chicago Varnish Co., 2100 Elston av, Chicago, Ill.
Essex Varnish Co., 84 Vesey, Newark, N. Y.
Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.
NICE EUGENE E., 272 S 2d, Phila., Pa.
See adv index at end of book
Standard Varnish Works, 90 West, New York
Valentine & Co. (In Oil or Japan), 456 Fourth av, New York
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.

16447— Varnishes (Bronzing)

Murphy Varnish Co., McWhorter, Newark, N. J.
Standard Varnish Works, 90 West, New York

16448—Varnishes (Cotton Tie)

Walters Mfg. Co., Fulton bldg., Pittsburgh, Pa.

16449—*Varnishes (Embossing)

BINSWANGER B. & CO., 827 N 3d, Phila., Pa.

16450— Varnishes (Enameled Leather)

Chase, Roberts & Co., West av, Long Island City, N. Y.
Flood & Conklin Co. (For Renovating Old Carriage Tops), 132 Chestnut, Newark, N. J.
Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.
Standard Varnish Works, 90 West, New York

Varnishes (Floor)

See Floor Finish

16451—Varnishes (Insulating)

See also Compounds, Insulating; also Paints, Insulating

Arco Co., Euclid & E 65th, Cleveland, O.
Benolite Co. (Black), 331 4th av, Pittsburgh, Pa.
Berry Bros., Detroit, Mich.
Calman Emil & Co. ("Ohmlac"), 100 William, New York
Canfield Oil Co., Cleveland, O.
Central Paint & Supply Co. ("Gilselgloss"), Railway Exch. bldg, St. Louis, Mo.
Chase, Roberts & Co., West av, Long Island City, N. Y.
Chicago Mica Co. ("Crystal"), Valparaiso, Ind.
Columbus Varnish Co., Columbus, O.
Condensite Co. of America, Bloomfield, N. J.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Dielectric Mfg. Co., 224 S Vandeventer av, St. Louis, Mo.
Dolph John C. Co., 168 Emmett av, Newark, N. J.
Eagle Paint & Varnish Co., N S, Pittsburgh, Pa.
Handy Supply Co., 11737 Detroit av, Cleveland, O.
Harland Wm. & Son, Buffalo, N. Y.
Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.
Insulatine Co., 1 B'way, New York
Insulating Materials Co., 805 Western av, Detroit, Mich.
Irvington Varnish & Insulator Co., Irvington, N. J.
Lehon Co., W 45th & S Western av, Chicago, Ill.
Mica Insulator Co. ("M. I. C.," "Linolac"), 68 Church, New York
Minerallac Electric Co., 1045 Washington blvd, Chicago, Ill.
Moller & Schumann Co., Marcy av, Brooklyn, N. Y.
Murphy Varnish Co., McWhorter, Newark, N. J.
New England Oil, Paint & Varnish Co., Waters av, Boston, Mass.
NICE EUGENE E., 272 S 2d, Phila., Pa.
See adv index at end of book
Packard Electric Co., Warren, O.
Pyramid Paint Co., 133 N 22d, Phila., Pa.
Robertson Chemical Co., 9808 Meech av, Cleveland, O.
Schenectady Varnish Co., Schenectady, N. Y.
Sherwin-Williams Co., Cleveland, O.
Smith Edw. & Co., 127 West av, Long Island City, N. Y.
Standard Paint Co. ("P. & B."), 233 Broadway, New York
Standard Varnish Works ("Kwickwork") "Voltalac"), 90 West, New York
Standard Varnish Works ("Impregnite"), 2589 Richmond ter, Elm Park, N. Y.
Sterling Varnish Co., Fulton bldg, Pittsburgh, Pa.
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

16452—Varnishes (Linoleum & Oil Cloth)

Boston Varnish Co. ("Kyanize"), Everett Station, Boston, Mass.
Chase, Roberts & Co. (Floor & Table), West av, Long Island City, N. Y.
Chicago Varnish Co., 2100 Elston av, Chicago, Ill.
Murphy Varnish Co., McWhorter, Newark, N. J.
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.

16453— Varnishes (Marine)

Anglo-American Varnish Co., 53 Johnson, Newark, N. J.
Arco Co., Euclid & E 65th, Cleveland, O.
Babcock John & Co., Allston, Boston, Mass.
Berry Bros., Detroit, Mich.
Boston Varnish Co., Everett Station, Boston, Mass.
Brooklyn Varnish Mfg. Co. ("K-A-U-R-1" Spar), 35 Nostrand av, Brooklyn, N. Y.
Burbank & Ryder, Boston, Mass.
California Paint Co., Oakland, Cal.
Chesapeake Oil Co., Stockholm & Peach alley, Baltimore, Md.
Chicago Varnish Co. ("Navalite"), 2100 Elston av, Chicago, Ill.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
Harland Wm. & Son ("Harland"), Buffalo, N. Y.
Impervious Metal Corp., 321 Wood, Pittsburgh, Pa.
Kahls H B. Fred ("Elastic" Deck Varnish), 6413 3d av, Brooklyn, N. Y.
Lucas John & Co., 322 Race, Phila., Pa.
Lilly Varnish Co., Indianapolis, Ind.
Louisville Varnish Co., Louisville, Ky.
McCloskey Varnish Co., 30th & Locust, Philadelphia, Pa.
Masury John W. & Son, 50 Jay, Brooklyn, N. Y.
Mott Haven Color Works, 395 Mott av, New York
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
Murphy Varnish Co., McWhorter, Newark, N. J.
National Varnish Co., 153 West av, Long Island City, N. Y.
Newark Varnish Works ("Best" Boatspar), 116 Delancy, Newark, N. J.
NICE EUGENE E., 272 S 2d, Phila., Pa.
See adv index at end of book
O'Brien Varnish Co., South Bend, Ind.
Parker Charles H. Co., Valparaiso, Ind.
Parrott Varnish Co., Bridgeport, Conn.
Pratt & Lambert, Buffalo, N. Y.
Sherwin-Williams Co., Cleveland, O.
Smith Edw. & Co., 127 West av, Long Island City, N. Y.
Spritine Chemical Co., Wilmington, N. C.
Standard Varnish Works ("Oceana"), 90 West, New York
THOMSON WOOD FINISHING CO., 827 N 3d, Phila., Pa.
See adv index at end of book
Toch Bros. (Spar, etc), 320 5th av, New York
Valentine & Co. ("Valspar"), 456 Fourth av, New York
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.
Winn Wm. R. (Jobbers, Spar, etc), 488 Cherry, New York
Woolsey C. A. Paint & Color Co., 500 Grand, Jersey City, N. J.

16454— Varnishes (Piano)

Boston Varnish Co., Everett Station, Boston, Mass.
Chase, Roberts & Co., West av, Long Island City, N. Y.
Chicago Varnish Co., 2100 Elston av, Chicago, Ill.
Glidden Varnish Co. ("Skin Cote"), 1755 W. Madison, Cleveland, O.

Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.
Murphy Varnish Co., McWhorter, Newark, N. J.
Standard Varnish Works, 90 West, New York
Valentine & Co., 456 Fourth av, New York

16455—Varnishes (Printing & Lithographic)

Columbus Varnish Co. (Lithographic), Columbus, O.
Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.
Morrill Geo. H. Co., Norwood, Mass.
Standard Varnish Works, 90 West, New York

16456—Varnishes (Railway & Carriage)

Adams & Elting Co., 726 Washington blvd, Chicago, Ill.
American Varnish Co., 1140 N Branch, Chicago, Ill.
Anglo-American Varnish Co., 53 Johnston, Newark, N. J.
Arco Co., Euclid & E 65th, Cleveland, O.
Babcock John & Co., Allston, Boston, Mass.
Bayerson Oil Works, Erie, Pa.
Beckwith-Chandler Co., 203 Emmett, Newark, N. J.
Berry Bros., Detroit, Mich.
Bigelow Varnish Co., 87 Oliver, Newark, N. J.
Boston Varnish Co., Everett Station, Boston, Mass.
Burbank & Ryder, Boston, Mass.
Chase, Roberts & Co., West av, Long Island City, N. Y.
Chicago Varnish Co. (Railway, "Ce-Ve" Process), 2100 Elston av, Chicago, Ill.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Flint Varnish & Color Wks., Flint, Mich.
Flood & Conklin Co., 132 Chestnut, Newark, N. J.
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
Glidden Varnish Co., 1755 W. Madison, Cleveland, O.
Harland Wm. & Son ("Harland"), Buffalo, N. Y.
Harrison Works (Du Pont), 35th & Grays Ferry rd, Phila., Pa.
Hildreth Varnish Co., 90 West, New Work
Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.
Lawrence W. W. & Co., Pittsburgh, Pa.
Louisville Varnish Co., Louisville, Ky.
Lowe Bros. Co., Dayton, O.
Lucas John & Co., 322 Race, Phila., Pa.
Martin-Senour Co, 2520 Quarry, Chicago, Ill.
Masury John W. & Son, 50 Jay, Brooklyn, N. Y.
Mayer & Loewenstein, 164 Water, New York
Moller & Schumann Co., Marcy av, Brooklyn, N. Y.
Mott Haven Color Works, 395 Mott av, New York
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
Murphy Varnish Co., McWhorter, Newark, N. J.
National Varnish Co., 153 West av, Long Island City, N. Y.
NICE EUGENE E., 272 S 2nd, Phila., Pa.
See adv index at end of book
O'Brien Varnish Co., South Bend, Ind.
Parrott Varnish Co., Bridgeport, Conn.
Pratt & Lambert, Buffalo, N. Y.
Schenectady Varnish Co., Schenectady, N. Y.
Sherwin-Williams Co., Cleveland, O.
Smith Edw. & Co., 127 West av, Long Island City, N. Y.
Standard Varnish Works ("Standard"), 2589 Richmond ter, Elm Park, N. Y.
Standard Varnish Works, 90 West, New York
Valentine & Co. ("Lawson"), 456 Fourth av, New York
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.
Woolsey C. A. Paint & Color Co., 500 Grand, Jersey City, N. J.

16457— Varnishes (Rosin)

Standard Varnish Works, 90 West, New York
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.

16458— Varnishes (Rubbing)

Boston Varnish Co., Everett Station, Boston, Mass.
Murphy Varnish Co., McWhorter, Newark, N. J.
NICE EUGENE E., 272 S 2nd, Phila., Pa.
See adv index at end of book
Sipe Jas. B. & Co., Bessemer bldg, Pittsburgh, Pa.
Standard Varnish Works, 90 West, New York
Valentine & Co. ("Lawson"), 456 Fourth av, New York
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.

Varnishes (Shellac)

See Shellac

16459— Varnishes (Spar)

Arco Co., Euclid & E 65th, Cleveland, O.
California Paint Co., Oakland, Cal.
Devoe & Raynolds Co., Inc. ("Vermosite"), 101 Fulton, New York
Essex Varnish Co., 84 Vesey, Newark, N. J.
Flood & Conklin Co., 132 Chestnut, Newark, N. J.
NICE EUGENE E., 272 S 2nd, Phila., Pa.
See adv index at end of book
Sipe Jas. B. & Co., Bessemer bldg, Pittsburgh, Pa.
Standard Varnish Works, 90 West, New York
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.

16460— Varnishes & Japans (Asphalt)

Akron Varnish Co., Akron, O.
Arco Co., Euclid & E 65th, Cleveland, O.
Atlantic Varnish Works, Inc., Richmond, Va.
Barrett Co., 17 Battery pl, New York
Boston Varnish Co., Everett, Mass.
Burbank & Ryder, Boston, Mass.
Canfield Oil Co., Cleveland, O.
Chesapeake Oil Co., Stockholm & Peach alley, Baltimore, Md.
Devoe & Raynolds Co., Inc., 101 Fulton, New York
Doggett Stanley, 11 Cliff, New York
Essex Varnish Co., 84 Vesey, Newark, N. J.
Ford Mfg. Co., 2339 La Salle, Chicago, Ill.
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
Harland Wm. & Son ("Harland"), Buffalo, N. Y.
Impervious Metal Corp., 421 Wood. Pittsburgh, Pa.
Lilly Varnish Co., Indianapolis, Ind.
Lowe Bros. Co., Dayton, O.
Mound City Paint & Color Co., 11th & Mullanphy. St. Louis, Mo.
Nice Eugene E., 272 S 2nd, Phila., Pa.
See adv index at end of book
Perry-Derrick Varnish Co., 1660 Central av, Cicinnati, O.
Pratt & Lambert, Buffalo, N. Y.
Sipe Jas. B. & Co., Bessemer bldg, Pittsburgh, Pa.
Smith Edw. & Co., 127 West av, Long Island City, N. Y.
Standard Varnish Works, 90 West, New York
Texas Co., 17 Battery pl, New York
THOMSON WOOD FINISHING CO., 827 N 3d, Phila., Pa.
See adv index at end of book
Thurston F. W. Co., 1832 S Clark, Chicago, Ill.
Trinidad Asphalt Mfg. Co. ("The Epure"), Title Guaranty Trust bldg, St. Louis, Mo.
Ulster Paint Works, Ellenville, N. Y.

Vaseline

See Petrolatum

16460a—*Vases (Cast Iron, for Garden)

See also Fountains, Vases, etc.

SNEAD & CO. IRON WORKS, 98 Pine, Jersey City, N. J.
See adv index at end of book

16461— Vases (Coal)

Central Stamping Co., 172 Fulton, New York

16461a—Vases (Hat Pin Holders)

Arlington Works, The (E. I. du Pont de Nemours & Co.), 21 E 40th, New York

16462—*Vases, Urns & Tripods

GORHAM CO. ARCHITECTURAL BRONZE, 5th av & 36th, New York
See adv index at end of book

16462a—Vats (Cheese Factory)

Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Oakes & Burger Co., Cattaragus, N. Y.

16463— Vats (Cypress)

See also Tanks, Wood

American Stave & Cooperage Co., Chelsea, Mass.
Bushnell Tank Works, Bushnell, Ill.
Cypress Lumber Co., 88 Broad, Boston, Mass.
Schlichter E. F. Co., 10 S 18th, Phila., Pa.
STEARNS A. T. LUMBER CO., 100 Taylor, Neponset, Boston, Mass.
See adv index at end of book
Stevens Tank & Tower Co., Auburn, Me.

16464— Vats (Dye)

American Stave & Cooperage Co., Chelsea, Mass.
Casey-Hedges Co., Chattanooga, Tenn.
New England Tank & Tower Co., Everett Station, Boston, Mass.
Woolford G. Wood Tank Mfg. Co., (Cedar & Cypress), 1429 Chestnut, Phila, Pa.

16465-6—Vats (Milk & Cream)

Burnell D. H. & Co., Little Falls, N. Y.
Kretchmer Mfg. Co., Council Bluffs, Ia.
Reid A. H. Creamery & Dairy Supply Co., 69th & Haverford, Phila., Pa.

Vault & Office Furniture (Metallic)

See Bank & Office Fixtures, Metallic

16467—Vault & Sidewalk Lights (Plain & Prismatic)

American Bar Lock Co. ("Bar Lock" & "Nu Plan" Systems), Long Island City, N. Y.
American Luxfer Prism Co., General Office & Factory: 1018 37th, Chicago, Ill.; 507 B'way, New York
American Mason Safety Tread Co., Lowell, Mass.
American 3-Way Prism Co. (3-Way Prisms), La Porte, Ind.
Barnum E. T. Wire & Iron Works, 864 Woodward av, Detroit, Mich.
Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
Berger Mfg. Co. ("Berger Raydiant"), Canton, O.
Biggin Chas. P. Co., 1829 Harlan, Phila., Pa
Bolles J. E. Iron & Wire Works, 4th & Porter, Detroit, Mich.
Brooklyn Vault Light Co. (Plain & Prismatic), 254 Monitor, Brooklyn, N. Y.
Brooks T. H. & Co., Cleveland, O.
Brown Specialty Machinery Co., 2440 W 22d, Chicago, Ill.
Bruner P. M. Granitoid Co., Frisco bldg, St. Louis, Mo.
Canton Foundry & Machine Co., Canton, O.
Carpenter Davis & Co., 216 E. 41st, New York
Champion Iron Co., Kenton, O.
Chesapeake Iron Works, Westport, Baltimore, Md.
Columbia Iron & Wire Works Co., Canton, O.
Creswell Samuel J. Iron Works, 23d & Cherry, Phila., Pa.
Crown Iron Works Co. (Sidewalk Lights Only), 1229 Tyler, Minneapolis, Minn.
Dauphin Wm. Bronze & Iron Works, 141 W 33d, New York
Donovan Wire & Iron Co., Chicago & W. & Lerr, Toledo, O.
East Iron & Machine Co., 351 E Market, Lima, O.
Ernst's Chas. F. Sons, Buffalo, N. Y.
Fletcher & Crowell Co., Portland, Me.

VAULT & SIDEWALK LIGHTS—cont'd.

Grossman Bros. & Rosenbaum, Willow av & 133d, New York
Ham L. M. Co., 158 Portland, Boston, Mass.
Hamill Alex Iron Works, 426 Montgomery, Jersey City, N. J.
Hetherington & Berner, Indianapolis, Ind.
Heughes F. L. & Co., Rochester, N. Y.
International Steel & Iron Co., Evansville, Ind.
Jackson P. H. & Co., 237 First, San Francisco, Cal.
Keppler Glass Construction, 101 Park av, New York
McGuigan Jno. & Co., 142 Stillman, San Francisco, Cal.
Madison Foundry Co., Cleveland, O.
Megquier & Jones Co., Portland, Me.
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
Mills W. J., 25 Bainbridge, Brooklyn, N. Y.
Minneapolis Steel & Machinery Co., 29th & Drexal, Minneapolis, Minn.
More Light Sidewalk Construction Co., 29th st, Wheeling, W. Va.
Mullen Replaceable Vault Light Co., Hartje bldg., Pittsburgh, Pa.
Pacific Iron Works, Portland, Ore.
Phoenix Sidewalk Light Co. (Simpton Bros.), Monadnock bldg, San Francisco, Cal.
Queen City Iron & Wire Works Co., Denver, Colo.
Republic Structural Iron Works Co., (Doors), 1350 E 53d, Cleveland, O.
Richards & Kelly Mfg. Co., 309 W 23d, Chicago, Ill.
Roanoke Iron & Bridge Work, Roanoke, Va.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
Schrieber L. & Sons Co., 3869 Ivanhoe, Cincinnati, O.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Smith G. W. & F. Iron Co., Gerard, Rox, Boston, Mass.
Smith & Lovett Co., 135 Tyler, Boston, Mass.
Snead Arch'l Iron Works, Louisville, Ky.
Sommerville Iron & Bronze Co. ("Baker" Patent), 5641 Butler, Pittsburgh, Pa.
Southern Foundry Co., Owensboro, Ky.
Sun-Burst Prism Co. ("Sun-Burst Prismatic"), Phila., Pa.
Taylor E. R. Co. ("Bar-Lock" System), 786 E. Broadway, Boston, Mass.
Toledo Wire & Iron Works, Toledo, O.
Union Building & Cons. Co., Passaic, N. J.
Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.
Verdeckburg Iron & Wire Works Co., Denver, Colo.
West Side Structural Co., Troy, N. Y.

16467a— Vaults (Bank)

Bethlehem Steel Co. (Armor Plate), So. Bethlehem, Pa.

16468—Vehicles (Children's)

Amberg Louis & Son ("Koaster Kid"), 101 E. 16th, New York
American Metal Wheel Co. (Express Wagons), Toledo, O.
American National Co., Toledo, O.
B. & B. Mfg. Co. ("Skoots"), Racine, Wis.
Baker W. J. Co. ("Bi-Cars" & Speedmobiles), Newport, Ky.
Burgess & Norton Mfg. Co. ("Burnor," "Bucking Broncho"), Geneva, Ill.
Carriage & Toy Co., 741 W Lombard, Baltimore, Md.
Central Wheel & Mfg. Co. (Hand Cars, Automobiles, Pony Carts, etc), Sturgis, Mich.
Columbia Mfg. Co. (Auto Cars), 220 E 2nd, Cincinnati, O.
Durham Mfg. Co., Muncie, Ind.
Garton Toy Co. (Steel & Wood), Sheboygan, Wis.
Gendron Wheel Co., Toledo, O.
Gibbs Mfg. Co. ("Daisy"), Canton, O.
Janesville Products Co., Janesville, Wis.
Juvenile Vehicle Mfg. Co., 3401 S Hoyne av, Chicago, Ill.
Kangaroo Mfg. Co. ("Kangaroo" Hand Cars), 10 S La Salle, Chicago, Ill.
Kirk-Latty Mfg. Co. ("20th Century," "Hercules" Express Wagons, All Steel, etc.), W 85th (bet. Detroit & Madison av.), Cleveland, O.
Kunst John ("Rollomobile"), 70 Murray, New York
La Porte Mat & Mfg. Co. ("Hercules" Coaster Wagons), La Porte, Ind.
Lewis-Geer Mfg. Co. (Coaster Wagons), Ypsilanti, Mich.
Martin & Heagy Mfg. Co. ("Hickory"), Elizabethtown, Pa.
Mecky A. Co. ("Ledig Keystone," Velocipedes, Hand Cars, Automobiles, Barrows, etc), 1705 W Allegheny, Phila, Pa.
National Juvenile Auto Co ("Premo"), Toledo, O.
National Wheel Co. (Express Wagons), Perrysburg, O.
Patch Dan Noveity Co., Connersville, Ind.
Rundle Novelty Co. ("Grahoun"), 142 N 3d, Columbus, O.
Scoville E. U. Co. ("Yankee Flyer," Hand Cars), Manlius, N. Y.
Sherwood Bros. Mfg. Co. (Hand Carts), Canastota, N. Y.
South Bend Toy Mfg. Co. ("Reciprocity," "Bill" Coaster Wagons, etc), South Bend, Ind.
Standard Novelty Works, Duncannon, Pa.
Sturdevant-Murray Mfg. Co. (Cars, Trucks, Etc.), Mullett & Rivard, Detroit, Mich.
Toledo Metal Wheel Co. (Wagons, Carts, Velocipedes, Automobiles, etc), Toledo, O.
White H. C. Co. ("Kidie-Kar"), North Bennington, Vt.

16468a—*Vellum and Fabrics (for Printing)

Williams, Brown & Earle ("Linaura"), 918 Chestnut, Phila., Pa.

16469— Velocipedes

American National Co., Toledo, O.
Central Wheel & Mfg. Co., Sturgis, Mich.
Colson Co. ("Fairy"), Elyria, O.
Crandall Carriage Co., 593 3d av, New York
Gendron Wheel Co., Toledo, O.
Hill-Standard Mfg. Co., Anderson, Ind.
Kirk-Latty Mfg. Co. W 85th (bet. Detroit & Madison av), Cleveland, O.
Mecky A. Co., 1707 W. Allegheny, Phila., Pa.
Toledo Metal Wheel Co., Toledo, O.
Wilkins Toy Co., Keene, N. H.
Wilkinson Mfg. Co., Binghamton, N. Y.

16470— Velour ("Tiffany")

Tiffany Studios, 36 Madison av, New York

16471— Velvets

American Velvet Co. (Silk), Stonington, Conn.
Blumenthal Sidney & Co. (Silk, Cotton Back), Shelton, Conn.
Boyd J. S. Co. (Corduroy & Velveteen), Williamstown, Mass.
Chase L. C. & Co. (Mohair for Upholstery), 89 Franklin, Boston, Mass.
See adv index at end of book
Cheney Brothers (Silk), South Manchester, Conn.
Helvetia Silk Mill (Silk), Paterson, N. J.
Martin J. B. Co. (Silk), Norwich, Conn.
Rossie Velvet Co. (Silk), Mystic, Conn.
Simon R. & H. Co. (Silk), Town of Union, N. J.

16472—Veneer Built-Up Woods

Ahnapee Veneer & Seating Co., Algoma, Wis.
Frost's Veneer Seating Co. (Ltd.), Sheboygan, Wis.
Louisville Veneer Mills, Louisville, Ky.
New Albany Veneering Co., New Albany, Ind.
Portsmouth Veneer & Panel Co., Portsmouth, O.
St. Louis Basket & Box Co., Wharf & Penrose, St. Louis, Mo.

16473— Veneer Mfrs.

Adams & Raymond Veneer Co., Indianapolis, Ind.
Ahnapee Veneer & Seating Co., Algoma, Wis.
Anderson-Tully Co., Memphis, Tenn.
Astoria Veneer Mills & Dock Co., ft Blackwell, Long Island City, N. Y.
Augusta Veneer Co., Augusta, Ga.
Batesville Lumber & Veneer Co., Lawrenceburg, Ind.
Beach & Fuller Co., Evansville, Ind.
Beaven-Jackson Lumber & Veneer Co., Evergreen, Ala.
Beeson Fred C. (Importer), 1032 Fulton, Chicago, Ill.
Blair Veneer Co., North Troy, Vt.
Boyd C. C. & Co., Glenn bldg, Cincinnati, Ohio
Cadillac Veneer Co., Cadillac, Mich.
Central Veneer Co. (Sliced), Indianapolis, Ind.
Central Veneer Co., Huntington, W. Va.
Chicago Veneer Co., Burnside, Ky.
Cincinnati Veneer Co., 1285 W 6th, Cincinnati, O.
Colby-Hinkley Co., Benton Harbor, Mich.
Dann Bros. & Co. (Veneers & Panels), New Haven, Conn.
Diamond Veneer Co., Edinburg, Ind.
Dwight Lumber Co., Detroit, Mich.
Eggers Fred Veneer Seating Co., Two Rivers, Wis.
Elkin Veneer & Mfg. Co., Elkin, N. C.
Elmore Veneer Co., Conneaut, O.
Estes E. B. & Sons (Rotary Cut), 364 5th av, New York
See adv index at end of book
Evansville Veneer Co., Evansville, Ind.
Farmers Mfg. Co. (Package & Crate), Norfolk, Va.
Foreman-Derrickson Veneer Co., Elizabeth City, N. C.
Frost's Veneer Seating Co. (Ltd.), Sheboygan, Wis.
Georgia Veneer & Package Co., Brunswick, Ga.
Gorham Bros. Co., Mount Pleasant, Mich.
Goshen Veneer Co. (Panels & Tops), Goshen, Ind.
Gowing D. H. Veneer Co. (Furniture), Portsmouth, Va.
Grand Rapids Veneer Works (& Panels), Grand Rapids, Mich.
Hall Fessenden (Mahogany Lumber & Veneers), 218 S 2d, Phila., Pa.
Hanson-Ward Veneer Co., Bay City, Mich.
Hardwood Products Co., Neenah, Wis.
Harper G. H. Co., Orange, N. J.
High Point Veneer & Panel Co., High Point, N. C.
Hoffman Bros. Co., Fort Wayne, Ind.
Hood & Wright, Big Rapids, Mich.
Hoosier Specialty Co., Ladoga, Ind.
Independence Veneer & Box Mfg. Co., Independence, La.
Indiana Veneer & Lumber Co. (Quartered Oak Sawed & Sliced), Indianapolis, Ind.
Indiana Veneer & Panel Co., New Albany, Ind.
Indianapolis Sawed Veneer Co., Indianapolis, Ind.
Jamestown Panel Co., Jamestown, N. Y.
Jarrell B. C. & Co. (Rotary Cut Gum), Humboldt, Tenn.
Jasper Veneer Mills, Jasper, Ind.
Johnson L. S. Co., 414 Albany, Boston, Mass.
Kentucky Veneer Works (Quartered, Sawed Oak Veneer), 13th & Magnolia, Louisville, Ky.
Knoxville Veneer Co., Knoxville, Tenn.
Louisville Veneer Mills, 948 Fulton, Louisville, Ky.
Memphis Veneer & Lumber Co., Memphis, Tenn.
Mengel C. C. & Bro. Co. (Circassian Walnut, Mahogany, etc), Louisville, Ky.
Merrill Veneer Co., Merrill, Wis.
Michigan Veneer Co., Alpena, Mich.
Morgan Co. (Jobbers), Oshkosh, Wis.
Morgan Veneer Co. (Rotary Cut Dried Gum), Pine Bluff, Ark.
Mummert W. C. & Co., Wawaka, Ind.
New Albany Veneering Co. (Build-Up or Veneered Tops, Panels, etc), New Albany, Ind.
Norfolk Veneer Co., (Package & Crate), Norfolk, Va.
Paducah Box & Basket Co., Paducah, Ky.
Palmer & Parker Co., Charlestown, Mass.
Pearl City Veneer Co., Jamestown, N. Y.
Perfection Mfg. Co., Jefferson W. River Range, Detroit, Mich.
Portsmouth Veneer & Panel Co., Portsmouth, O.
Putnam Veneer & Lumber Co., Roachdale, Ind.
Rayner J. Co., 142 Goerck, New York
Rice Veneer & Lumber Co., Grand Rapids, Mich.

Roberts Veneer Co., New Albany, Ind.
Roddis Lumber & Veneer Co., Marshfield, Wis
St. Louis Basket & Box Co., Wharf & Penrose, St. Louis, Mo.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Setter Bros. Co., Cattaraugus, N. Y.
Shiels Chas. F. & Co., Gest & McLean avs, Cincinnati, O.
STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Strong Veneer Co., Gerry, N. Y.
Sturm Adolph Co. (Importer & Dealer), 542 Wash blvd, Chicago, Ill.
Thompson T. H., Milan, Ind.
Thomasville Veneer & Panel Co., Thomasville, N. C.
Truitt & Lingo, Dagsboro, Del.
Underwood Veneer Co., Wausau, Wis.
Walker Veneer Works, Alpena, Mich.
Warren Veneer & Panel Co., Warren, Pa.
Wauchula Mfg. & Timber Co., Wauchula, Fla.
Webb David R. Co., Edinburg, Ind.
Whisler Chas. F., Hillsboro, O.
Willey C. L., 2558 S Robey, Chicago, Ill.
Williams Ichabod T. & Sons, 910 S Michigan av, Chicago, Ill.
Williamson-Kuny Mill & Lbr. Co. (White Oak), Mound City, Ill.
Williamson Veneer Co. (Furniture, Piano, etc), Baltimore & 8th, Baltimore, Md.
Wilts Veneer Co., Richmond, Va.
Wisconsin Veneer Co., Rhinelander, Wis.

16474—Ventilating Apparatus (Electric)

Advance Co. (For Sash in Power Plants, Factories, Buildings, Greenhouses, etc), 542 N 14th, Richmond, Ind.
Century Ventilating Co., 257 3d av., New York
Dean O. J. & Co., Distributors (For Sash in Power Plants, Factories, Buildings, Greenhouses, etc), Association bldg,, Chicago,, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

16475—Ventilating Apparatus for Power Plants, Factories, Buildings, Greenhouses, Etc.

See also Blower Manufacturers; also Fans Various Kinds

Advance Co. (Revolving Shaft Tube), 542 N 14th, Richmond, Ind.
Bicalky Fan Co., Buffalo, N. Y.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Dean O. J. & Co. (Distributer Revolving Shaft Tube), Association bldg, Chicago, Ill.
Devlin Thos. Mfg. Co. (Self-Locking for Factories, Buildings, etc), 3d & Lehigh av, Phila., Pa.
Drouve G. Co. ("Straight Push", "Lovelle"), 40 Tulip, Bridgeport, Conn.
Evans John A. Co. ("Evans Challenge" for Greenhouses, Roller Bearing), Richmond, Ind.
Fenn Ventilator Co. ("Fenn" Rotary), 94 Blackstone, Boston, Mass.
Hitchings & Co., 1170 B'way, New York
Howard & Morse, 46 Fulton, New York
Lord & Burnham Co., 30 E 42d, New York
Lupton's David Sons Co. ("Pond" Continuous), Allegheny av & Tulip, Phila., Pa.
Neel-Armstrong Co. ("Ozone"), Akron, O.
Ormsby E. A. & Sons, Melrose Sta., Boston, Mass.
Payson Mfg. Co. ("Harris"), 2918 W Jackson blvd, Chicago, Ill.
Philipp-Kell Co. Inc., Holliday & Center, Baltimore, Md.
Richmond Safety Gate Co., Richmond, Ind.
Smith Systems Heating Co. (School Ventilating & Heating), 821 Washington av, S. E., Minneapolis, Minn.
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
Tabor Sash Fixture Co. (Transom Operators), 63 Polk, Newark, N. J.
Thorn J. S. Co. ("Brand"), 20th & Allegheny av, Phila., Pa.
Uno Ventilator Co. ("Uno" Revolving), Cliftondale, Mass.
Waterloo Mfg. Co., Waterloo, Ia.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wheeling Metal & Mfg. Co., Wheeling, W. Va.

Ventilating Apparatus (Mechanical)

Seal Fans, Exhaust or Ventilating; also Blower Manufacturers

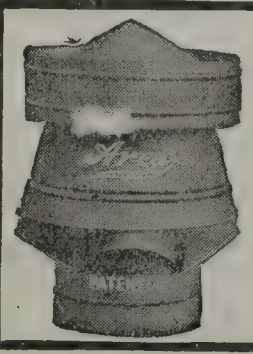
16476—Ventilating Apparatus (Ship)

Barney Ventilating Fan Works (A. B. Franklin, Prop.), 19 Chardon, Boston, Mass.
Howard & Morse ("Blackman" & "Duplex Cone"), 46 Fulton, New York

16477—*Ventilating Sets (Portable)

STURTEVANT B. F. CO. ("Sturtevant" Ready to Run), 15 Damon, Hyde Park, Boston, Mass. *See adv index at end of book*

16478— Ventilator Mfrs.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"The Power Fan's Only Rival" Gives 300% more air exhaust
Write for prices
AREX ORIGINAL SIPHONAGE VENTILATOR
AREX CO.
1591 Conway Bldg., Chicago

American 3-Way Prism Co. (Pivoted Transom), La Porte, Ind.
Arex Original Siphonage Ventilator ("Arex"), 1591 Conway bldg., Chicago, Ill. *See adv index at end of book*
Astle H. J. & Co. ("Boland" Revolving), 118 Orange, Providence, R. I.
Autoforce Ventilating System ("Autoforce"), 53 Devonshire, Boston, Mass.
Automatic Ventilator Co. ("Automatic"), 2 Rector, New York
Backman Sheet Metal Works, Des Moines, Iowa
Badger E. B. & Sons Co., 75 Pitts, Boston, Mass.
Badger Steel Roofing & Corrugating Co. (Glass Top), La Crosse, Wis.
Bailey Reflector Co. (Window), 617 2d av, Pittsburgh, Pa.
Basman A. M. & Co., 468 Fort W, Detroit, Mich.
Berger Bros. Co. ("Perfection," "Earle's" Revolving), 229 Arch, Phila., Pa.
Bicalky Fan Co. ("Bi-Cal-Ky"), Buffalo, N. Y.
Bostwick C. G., Hartford, Conn.
Buffalo Forge Co. ("Buffalo"), Buffalo, N. Y.
Burt Mfg. Co. ("Burt"), 40 Main, Akron, Ohio
Burton W. J. Co., Junction & Federal, Detroit, Mich.
Butler Mfg. Co., 906 6th av, S. E, Minneapolis, Minn.
Cambridge Roofing Co. (Eureka), Cambridge, O.
Canton Art Metal Co., Canton, O.
Cedar Rapids Cornice Co., Cedar Rapids, Ia.
Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
Chicago Ventilator & Iron Works, 355 Union Pk. Ct, Chicago, Ill.
Clason Architectural Metal Works, 428 Kingsley av, Providence, R. I.
Covert H. W. Co. (Kitchen), 351 Lexington av, New York
Crook H. E. Co., Inc. (Copper & Galv Iron), 28 Light, Baltimore, Md.
Crown Ventilator Co. ("Crown"), Milwaukee, Wis.
Cushing D. & Co, Lowell, Mass.
Danzer Metal Works ("Danzer's" Rose Top), Hagerstown, Md.
Decatur Cornice & Roofing Co. ("Alabama" Corrugated Rim), New Decatur, Ala.
Denver Sheet Metal Works Co., Denver, Colo.
Dickinson Paul ("Dickinson" Cast Iron, for Round-Houses, Depots, Shops, etc), 3346 S. Artesian av, Chicago, Ill.
Dixie Culvert & Metal Co. ("Miami"), Atlanta, Ga.
Dowman-Dozier Mfg. Co. ("Dixie"), Atlanta, Ga.
Drouve G. Co. ("Drouve"), 40 Tulip, Bridgeport, Conn., & 180 N Dearborn, Chicago, Ill.
EDWARDS MFG. CO. (Building & Skylight), 545-565 Eggleston av, Cincinnati, O. *See adv index at end of book*
Eller Mfg. Co. ("Konical"), Canton, O.
Ellis & Ford Mfg. Co. (Water Closet Ventilator), Detroit, Mich.
Fenn Ventilator Co. ("Fenn's" Rotary), 94 Blackstone, Boston, Mass.
Fisher Martin & Sons ("Fisher," Automatic), 438 Pearl, Buffalo, N. Y.
Follansbee Bros. Co. ("Keystone"), Pittsburgh, Pa.
Fouts C. C. Co. (Glass Top), 650 Woodlawn av, Middletown, O.
Friedley-Voshardt Co. (Inc.) ("Crescent"), 733 S Halsted, Chicago, Ill.
Galesburg Sheet Metal Works ("Gale" Barn & Granary), Galesburg, Ill.
Gara-McGinley Co., 23 S 17th, Phila., Pa.
Geddes Joseph ("Geddes" Ventilator & Chimney Cap), Rochester, N. Y.
Globe Ventilator Co. ("Globe," for Cars Buildings, Factories, Power Houses, Boats, etc), Troy, N. Y.
Goethel Alfred C., The (Not Inc.) (Ventilating Systems), 301-303 Fourth, Milwaukee, Wis.
Grissel J. P. Cornice Co., Cedar Rapids, Ia.
Hewitt Thos. J. (Rotary Screw), 57 Ann, New York
Highton Wm. & Sons Co., Nashua, N. H.
Hoffmann & Baur ("Columbia"), 279 Lake, Milwaukee, Wis.
Illinois Art Metal Co. ("Sifon"), Springfield, Ill.
Independent Register & Mfg. Co., Cleveland, O.
Iona Ventilator Co. ("Iona"), 2319 N. Laura, Phila., Pa.
Jersey City Galvanizing Co., 74 Morgan, New York
Kalamazoo Sheet Metal Mfg. Co., Kalamazoo, Mich.
Kernchen Company ("Kernchen Siphonage"), 332 S Michigan av, Chicago, Ill.
Kernchen J. C., 105 S Dearborn, Chicago, Ill.
King Ventilating Co., Owatonna, Minn.
Klauer Mfg. Co., Dubuque, Ia.
Kokomo Hardware Co., Kokomo, Ind.
Kries Henry A. & Sons Co., 8 W. Lombard, Baltimore, Md.
Larson Bros. ("Larson" Suction), Johnsonburg, Pa.
LEE THOMAS ("Lee's Improved Dampered"), 129 W 2d, Cincinnati, O.
Mack W. A. & Co., Lowell, Mass.
Mack Ventilator Co., Swetland bldg., Cleveland, O.
Martin Metal Mfg. Co., Wichita, Kans.
Meek Oven Mfg. Co., Newburyport, Mass.
MERCHANT & EVANS CO. ("Star"), 2035 Washington av., Phila., Pa.
See adv index at end of book
Mertz John Mfg. Co., Sandusky, O.
See adv index at end of book
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Messenger & Parks Mfg. Co. ("Acorn"), Aurora, Ill.
Metallic Mfg. Co. (Metallic), Camden, N. J.
Meurer Bros. Co. ("Anchor"), 575 Flushing av, Brooklyn, N. Y.
Milwaukee Corrugating Co. ("Milwaukee", "Nu-Air" & "Milcar"), Milwaukee, Wis.
Mudge & Co. ("Mudge-Peerless" for Passenger Cars, Buildings, Factories, Boats, etc.), 80 E Jackson bldg, Chicago, Ill.
National Metalic Sash Co., 355 Union Park, Chicago, Ill.
National Skylight & Ventilator Co. ("National" Revolving), Rochester, N. Y.
New England Steel Roofing Co., Worcester, Mass.
New England Ventilating & Heating Co. ("Richardson" Revolving), 926 Manton av, Providence, R. I.
New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La.
Ohio Blower Co. ("Swartout" Gravity Closing, Rotary Ball Bearing), 9300 Detroit av, Cleveland, O.

Phillips & Buttorff Mfg. Co., Nashville, Tenn.
Pittsburgh Gage & Supply Co. ("Gaco" Roof), 30th & Liberty av, Pittsburgh, Pa.
Porter Iron Roofing & Corrugating Co. (Building & Skylight), 522 Culvert, Cincinnati, O.
Powers & Boyd Cornice & Roofing Co., 3614 Laclede, St. Louis, Mo.
Protective Ventilator & Screen Corp., 332 E. 23d, New York
Pullman Automatic Ventilator Mfg. Co. ("Pullman"), York, Pa.
Reeves Mfg. Co., Dover, O.
Riter Bros. & Co. ("Earle's"), 1022 Race, Phila., Pa.
Royal Ventilator Co. ("Royal"), 415 Locust, Phila., Pa.
SAGINAW SHEET METAL WORKS, Saginaw, Mich.
St. John & Barquist Co., Des Moines, Ia.
St. Paul Roofing, Cornice & Ornament Co. ("St. Paul"), West St. Paul, Minn.
Sanitary Appliance Co., Neenah, Wis.
Schoedinger F. O. (Galvanized Iron, "Columbus," "Schoedinger R. S. V." Ventilators), 142 N 3d, Columbus, O.
Schuessler Jno., Covington, Ky.
Scott Roofing & Mfg. Co. (Building & Skylight), 408 Culvert, Cincinnati, O.
Sheet Metal Mfg. Co., 949 Myrtle av, Brooklyn, N. Y.
South Atlantic Blow Pipe & Sheet Metal Co., Savannah, Ga.
Souther E. E. Iron Co. ("Columbia"), Klenlin & Hamburger, St. Louis, Mo.
Standard Ventilator Co. ("Standard" Portable Ventilator & Chimney Cap), Lewisburg, Pa.
Sterling Blower Co. ("Sterling"), Hartford, Conn.
Uno Ventilator Co. ("Uno" Revolving made in Brass, Copper or Galvanized Iron Painted), Cliftondale, Mass.
Van Noorden E. & Co., 100 Magazine, Boston, Mass.
Walker Sheet Metal Co., Council Bluffs, Iowa
Walton Mfg. Co., 2610 Walton av, Cleveland, O.
Washburne Edw. G. & Co. (Rotary Screw), 207 Fulton, New York
Waterloo Mfg. Co., Waterloo, Ia.
Watson James H. Co., Bradley, Ill.
Weimer C. A. ("Imperial"), Lorain, O.
Wheeling Metal & Mfg. Co., Wheeling, W. Va.
Wilcox Engineering Co., 1525 Holland av, Saginaw, Mich.
Willis Mfg. Co. ("Willis"), Galesburg, Ill.
Wilson Andrew Co., 616 Essex, Laurence, Mass. *See adv index at end of book*
Wooden Ventilator Co. (Wooden Ventilator Faces), East Palestine, O.

16479-80—Ventilator & Skylight Combined

Burt Mfg. Co., 40 Main, Akron, O.
Cedar Rapids Cornice Co., Cedar Rapids, Ia.
Chattanooga Roofing & Fdry. Co., Chattanooga, Tenn.
Dowman-Dozier Mfg. Co., Atlanta, Ga.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Eller Mfg. Co., Canton, O.
Globe Ventilator Co. ("Globe," for Cars, Buildings, Factories, Power Houses, Boats, etc), Troy, N. Y.
Goethel Alfred C. Co., The (Not Inc.), 301-303 4th, Milwaukee, Wis.
Kanneberg Roofing & Ceiling Co., Canton, Ohio
Martin Metal Mfg. Co., Wichita, Kan.
MERCHANT & EVANS CO., 2035 Washington av, Phila., Pa.
See adv index at end of book
Mertz John Mfg. Co., Sandusky, O.
See adv index at end of book
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Royal Ventilator Co. ("Royal"), 415 Locust, Phila., Pa.
Superior Cornice & Skylight Co. ("Superior" Automatic & Skylight), 643 1st av, New York
Thompson J. D. Co., 2609 Penna av, N. W., Washington, D. C.
Waterloo Mfg. Co., Waterloo, Ia.
Watson James H. Co., Bradley, Ill.
Weis Henry Cornice Co., Kansas City, Mo.
Wheeling Metal & Mfg. Co., Wheeling, W. Va.
Willis Mfg. Co., Galesburg, Ill.
Wilson Andrew Co, 616 Essex, Laurence, Mass. *See adv index at end of book*

16481— Ventilators (Barn)

Badger Steel Roofing & Corrugating Co., 214 S 2d, La Crosse, Wis.
Duluth Corrugating & Roofing Co. (Glass or Plain Top), Duluth, Minn.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Fenn Ventilator Co. ("Fenn" Rotary), 94 Blackstone, Boston, Mass.
Grissel J. P. Cornice Co., Cedar Rapids, Iowa
La Crosse Steel Roofing & Corrugating Co., La Crosse, Wis.
Milwaukee Corrugating Co., Milwaukee, Wis.
Royal Ventilator Co. ("Royal"), 415 Locust, Phila., Pa.
Uno Ventilator Co. ("Uno" Revolving), Cliftondale, Mass.
Waterloo Mfg. Co., Waterloo, Ia.
Willis Mfg. Co. ("Willis"), Galesburg, Ill.

16482—Ventilators (Brick Wall)

American Scale Co., Kansas City, Mo.
Decatur Cornice & Roofing Co., New Decatur, Ala.
Highton Wm. & Sons Co., Nashua, N. H.
Pullman Automatic Ventilator Mfg. Co., York, Pa.
Tuttle & Bailey Mfg. Co., 52 Vanderbilt av, New York

16483— Ventilators (Car)

Automatic Ventilator Co. ("Automatic"), 2 Rector, New York
Dowman-Dozier Mfg. Co. ("Dixie"), Atlanta, Ga.
Globe Ventilator Co. ("Globe," for Cars, Buildings, Factories, Power Houses, Boats, etc), Troy, N. Y.
Gold Car Heating & Lighting Co. ("Gold's Cyclone" for Possenger & Refrigerator Cars), 17 Battery pl, New York
Holden & White, Fisher bldg., Chicago, Ill.
Perry Ventilator Corp., (For Passenger Cars & Bus Bodies), 200 Devonshire, Boston, Mass.
Railway Utility Co. ("Utility"), 721 Fulton, Chicago, Ill.
Ross Wortham Co. ("Garland"), McCormick bldg, Chicago, Ill.
Vacuum Car Ventilating Co. ("Cooks" System), 111 S. Jefferson, Chicago, Ill.

16484— Ventilators (Closet)

American Blower Co., 1400 Russell, Detroit, Mich.
Pullman Automatic Ventilating Mfg. Co., York, Pa.
Shadall Mfg. Co., Wauwatosa, Wis.

16485—Ventilators (Cupola)

Grissel J. P. Cornice Co., Cedar Rapids, Iowa.
Libby C. A. Co., Oshkosh, Wis.
Messenger & Parks Mfg. Co. ("Aurora" for Theatres & Public Structures, etc), Aurora, Ill.
Milwaukee Corrugating Co., Milwaukee, Wis.

16486— Ventilators (Mine)

American Blower Co. ("Sirocco"), 1400 Russell, Detroit, Mich.
Jeffrey Mfg. Co. (Apparatus For) 961 N. Fourth, Columbus, O.
See adv index at end of book
Schutte & Koerting Co. ("Koerting"), 1251 N 12th, Phila., Pa.

16487—Ventilators (Sash Lift)

Pullman Automatic Ventilator Mfg. Co., York, Pa.

16488— Ventilators (Ship)

American Blower Co. ("Sirocco"), 1400 Russell, Detroit, Mich.
Autoforce Ventilating System ("Autoforce"), 53 Devonshire, Boston, Mass.
Bishop's Wm. Sons, 18 James, New York
Fenn Ventilator Co. ("Fenn" Rotary), 94 Blackstone, Boston, Mass.
Globe Ventilator Co. ("Globe," for Cars, Buildings, Factories, Power Houses, Boats, etc), Troy, N. Y.
Sands Alfred B. & Son Co., 20 Vesey, New York
Thacher Geo. & Co., Albany, N. Y.
Young Bros. Co., Detroit, Mich.

16489—Ventilators (Sidewalk)

American 3-Way Prism Co., La Porte, Ind.
Columbia Iron & Wire Works Co., Canton, Ohio

16490—Ventilators (Stained Glass Window)

Deissler P. & Bro. ("Deissler" Pivoted), 249 S 6th, Phila., Pa.

16491—Ventilators (Stove Pipe)

Badger Steel Roofing & Corrugating Co., La Crosse, Wis.
Brodin Pattern & Supply Works, 2418 W. 16th, Chicago, Ill.
Chattanooga Roofing & Fdry. Co., Chattanooga, Tenn.

16492—Ventilators (Water Closet)

American Blower Co. ("Sirocco"), 1400 Russell, Detroit, Mich.
Ebinger D. A. Sanitary Mfg. Co., 181 Lucas, Columbus, O.
Sanitary Appliance Co. ("Cyclone"), Neenah, Wis.
Uno Ventilator Co. ("Uno" Revolving), Cliftondale, Mass.

16493—Ventilators (Window)

Aeroshade Co. (Splint Fabric), Waukesha, Wis.
Alexander Window Ventilator Mfg. Co. Spartanburg, S. C.
American Blower Co. ("Sirocco"), 1400 Russell, Detroit, Mich.
Autoforce Ventilating System ("Autoforce"), 55 Devonshire, Boston, Mass.
Automatic Ventilator Co. ("Automatic"), 2 Rector, New York
Bailey Reflector Co., 617 2d av, Pittsburgh, Pa.
Bohem Mfg. Co. (Adjustable Pressed Steel), Phila., Pa., & T. A. Burton, rep., 1414 Federal, New York
Continental Co., Penobscot bldg, Detroit, Mich.
Field's Chas. J. Sons, 633 Market, Phila., Pa.
Garner Ventilating Co. (Mechanical), 72 Trinity, New York
GERDES T. N. (Electric & Pullman), 123 Liberty, New York
See adv index at end of book

Electric Window Ventilators
Positive Ventilation
T. N. GERDES
123 Liberty St., N. Y. C.

Higgin Mfg. Co., Newport, Ky.
Ideal Ventilator Co. ("Ideal"), 99 Stewart, Providence, R. I.
Lawrence Bros. (Steel), Sterling, Ill.
Lawson F. H. Co. ("Lawco"), Cincinnati, O.
Manhattan Perfected Ventilators Co., 11 Baxter, New York
Morse L. & Sons ("Morse" Adjustable), Athol, Mass.
Protective Ventilator & Screen Corp. (Revolving, etc), 332 E. 23d, New York
Pullman Automatic Ventilating Mfg. Co., (For Either Top or Bottom), York, Pa.

Roebuck Weather Strip & Wire Screen Co., 3518 Av H, Brooklyn, N. Y.
Tuttle & Bailey Mfg. Co., 52 Vanderbilt av, New York
Universal Ventilating Co. ("Universal," "Shurnuf"), 14th & Oak, Kansas City, Mo.

16494— Vents (Core)

United Compound Co. (Vent Wax), 228 Elk, Bpffalo, N. Y.

16495— Vents (Trap)

Dubois F. N. & Co. ("McClellan"), 247 9th av, New York
Haydenville Co., Haydenville, Mass.
Renton G. W. ("Renton" Safety Anti-Syphon), 28 Johnson av, Brooklyn, N. Y.

16496— Veratrine

Hoffmann-La Roche Chemical Works, 440 Washington, New York

16497— Verdigris

Bird J. A. & W. & Co. (Imp. Pure Powdered French), 88 Pearl, Boston, Mass.
Bischoff C. & Co. (Imp), 451 Washington, New York
Drakenfeld B. F. & Co. (Dealers), 50 Murray, New York
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia

16498— Vermillion

Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Moser Chas. Co., Cincinnati, O.

16499— Vestibules (Car)

Brill J. G. Co., 62d & Woodland av, Phila., Pa.
Gould Coupler Co., 30 E 42d, New York
McConway & Torley Co., 48th & A. V. R. R., Pittsburgh, Pa.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

16500— Vials (Glass)

Doerr Glass Co. (Finished), Vineland, N. J.
Freas Francis L., Conshohocken, Pa.
Kimble Glass Co., 402 W. Randolph, Chicago, Ill.
Ruth Glass Co., Conshohocken, Pa.
Vineland Scientific Glass Co. (Finished), Vineland, N. J.

16501— Vials (Homeopathic)

Doer Glass Co. (Finished), Vineland, N. J.
Freas Francis L., Conshohocken, Pa.
Illinois Glass Co., Alton, Ill.
Kimble Glass Co., 402 W. Randolph, Chicago, Ill.
Paca Glass Co., 424 W. Conway, Baltimore, Md.
Vineland Scientific Glass Co. (Finished), Vineland, N. J.

16501a— *Vials (Wooden)

Estes E. B. & Sons, 364 5th av, New York *See adv index at end of book*

16502—Vibrators (Foundry)

Arcade Mfg. Co., Freeport, Ill.
Berkshire Mfg. Co. ("Berkshire"), Whitney Power blk, Cleveland, O.
Buckeye Products Co., 919-929 W 5th, Cincinnati, O.
Great Western Mfg. Co., Leavenworth, Kan.
Hausfeld, Harrison, O.
Malleable Iron Fittings Co., Branford, Conn.
Manitowoc Electric Implement Co., Manitowoc, Wis.
Paxson J. W. Co., 1021 N Delaware av, Phila., Pa.
Pressed Steel Co. ("L. & A."), Muskegon, Mich.
Tessmer Machine & Tool Co., 285 Rivard, Detroit, Mich.
Whitehead Bros. Co. ("Little Giant"), 537 W 27th, New York
Woodison E. J. Co., 53 Buhl, Detroit, Mich.

16503—Vibrators (Massage)

Adbro Mfg. Co., Phipps Power bldg, Pittsburgh, Pa.
Allison W. D. Co. ("Bihlmair"), Indianapolis, Ind.
Arnold Electric Co. ("Arnold" Electric), Racine, Wis.
Baker Electric Co., Hartford, Conn.
Barker James ("Barker"), 6th & Cayuga, Phila., Pa.
Betz Frank S. Co., Hammond, Ind.
Birtman Electric Co. ("Bee"), 1422 W Randolph, Chicago, Ill.
Chicago Motor & Vibrator Co., 163 N Wabash, Chicago, Ill.
Coates Clipper Mfg. Co., Worcester, Mass.
Crown Surgical Instrument Co., 798 8th av, New York
Drake Elec. Wks., 19 S Wells, Chicago, Ill.
Electric Mfg. Co., 59 New Montgomery, San Francisco, Cal.
Eureka Vibrator Co. ("Vibro-Life" Hand Power), 131 W 42d, New York
Fisher Adam Mfg. Co. ("Magic" Vacuum), St. Louis, Mo.
Geier P. A. Co. ("Rex," Electric), 5112 12th, St. Clair av, Cleveland, O.
Globe Manufacturing Co. (Compressed Air, etc), Battle Creek, Mich.
Haas R. Electric & Mfg. Co. ("Ideal"), Springfield, Ill.
Hamilton-Beach Mfg. Co., Racine, Wis.
Horn Electric Co., 110 S Desplaines, Chicago, Ill.
Hughes J. W. Co., 110 E 23d, New York
Kny-Scheerer Co. (Physicians), 404 W 27th, New York
Lindstrom Smith Co. ("White Cross" Electric), 1104 S Wabash, Chicago, Ill.
McIntosh Battery & Optical Co., 217 N. Desplaines, Chicago, Ill.
MANHATTAN ELECTRICAL SUPPLY CO. "Premier," Battery Type "Morrison,"), 17 Park pl, New York
See adv index at end of book
Marshall Vibrator Co., 141 W 36th, New York
Meyer Wm. Co., 817 Washington, Chicago, Ill.
National Electrical Mfg. Co., 1161 B'way, New York
New Britain Tool Co. ("Red Devil"), New Britain, Conn.
Nu-System Elec. Vibrator Co., Lightner bldg, Detroit, Mich.
O'Connor Elec. Co., Inc., 817 E 144th, New York
Presto Elec. Co., 323 Geary, San Francisco, Cal.
Racine Universal Motors Co., Monadnock block, 53 W Jackson blvd, Chicago, Ill.
Schunck & Ogg ("Fraley," "Ajex," "Torpedo" Electric Hand), 235 Canal, New York
Shelton Electric Co. ("Gentry" Electric), 30 E 42d, New York
Southern Electric Co. ("American"), 1100 Pine, St. Louis, Mo.
Stolz Electrophone Co., 5 N Wabash av, Chicago, Ill.
Strand N. A. & Co., 631 W. Jackson blvd. Chicago, Ill.
Universal Novelty Wks. ("Vibrosimplex"), 164 5th av, New York
Vibrassage Co., 659 Wells, Chicago, Ill.
Victor Electric Co., Jackson blvd & Robey, Chicago, Ill.
Wahl Mfg. Co., Sterling, Ill.
Waite & Bartlett Mfg. Co. (Electric Pneumatic), 252 W 29th, New York
Wappler Electric Co., 173 E. 87th, New York
Wisconsin Elec. Co., Dumore bldg, Racine, Wis.

16503a— Vine Trainers (Wire)

Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.

16504— Viscosimeters

Bausch & Lomb Optical Co., Rochester, N. Y.
Eimer & Amend ("Engler's," "Doolittle's," Improved, etc), 205 3d av, New York
Feidt Geo. D. & Co. ("Doolittle's" Torsion), 244 N 5th, Phila., Pa.
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
Tagliabue Chas. J. Mfg. Co., ("Saybolt" Samplers, "Tag" Flask Testers, "Engler"), 18 33d, Brooklyn, N. Y.

16505—Vise Drilling Attachments

Goodell-Pratt Co., Greenfield, Mass.
Prentiss Vise Co., 110 Lafayette, New York

16506— Vise Pipe Grip

Athol Machine Co. ("Standard" to be Attached or Inserted to Jaws of a Vise for Making Pipe Vise), Athol, Mass.

16507—Vise Stands (Portable)

New Britain Machine Co. ("New Britain"), 190 Chestnut, New Britain, Conn.
Western Tool & Mfg. Co. ("Champion"), Springfield, O.
William J. H. & Co. ("Vulcan Drop Forged), 31 Richards, B'klyn, N. Y.
See adv index at end of book

16508— Vises (Amateur)

Athol Machine Co., Athol, Mass.
Columbian Hardware Co., Cleveland, O.
Grey Iron Casting Co., Mt. Joy, Pa.
Rock Island Mfg. Co., Rock Island, Ill.
Stanley Rule & Level Co. ("Jersey") New Britain, Conn.
Yost G. M. Mfg. Co., Meadville, Pa.

16509—Vises (Anvil, Etc., Combination)

See also Anvil & Vise, Combined

Bonney Vise & Tool Works, Allentown, Pa. *See adv index at end of book*
Columbian Hardware Co., Cleveland, O.
Fulton Iron Works, Detroit, Mich.
Howard Iron Works, Buffalo, N. Y.
Millers Falls Co., 28 Warren, New York
Newhall Chain, Forge & Iron Co. ("Trident"), 89 West, New York
Phoenix Hardware Co., Buffalo, N. Y.
Prentiss Vise Co., 110 Lafayette, New York
Reading Saddle & Mfg. Co. (Household), Reading, Pa.
Rock Island Mfg. Co., Rock Island, Ill.
Sargent & Co., New Haven, Conn.
Stowell Co. The, ("Harrison," 5 Tools in One), S. Milwaukee, Wis.
Yost G. M. Mfg. Co., Meadville, Pa.

16510— Vises (Automobile)

Columbian Hardware Co., Cleveland, O.
Rock Island Mfg. Co., Rock Island, Ill.
Yost G. M. Mfg. Co., Meadville, Pa.

16511— Vises (Ball)

Muehlmatt Adolph ("Rex" Universal), 17 Lion bldg, Cincinnati, O.

16512— Vises (Band Saw)

Atkins E. C. & Co., Indianapolis, Ind.
Edge Frank & Co., Grand Rapids, Mich.
Grammes L. F. & Sons, Allentown, Pa. *See adv index at end of book*
New Britain Machine Co. ("New Britain"), 190 Chestnut, New Britain, Conn.
Oliver Machinery Co. (Band Saw Filing), Grand Rapids, Mich.

16513— Vises (Bench)

See also Vises, Machinists; Vises, Woodworking

Abernathy Vise & Tool Co.Co. (Rapid Acting, Woodworkers' Vises), 227 Englewood av, Chicago, Ill.
Athol Machine Co. ("Simpson" Standard, "Starrett Improved" and "Athol"), Athol, Mass.
Aurora Door Hanger & Specialty Co. (Quick Acting Machinists' & Woodworkers'), Aurora, Ill.
Barbour Stockwell Co. (Screw, the "Chandler" & "Washburn"), Cambridge, Mass.
Blissfield Motor Works ("Davenport" Tilting), Blissfield, Mich.

VISES (BENCH)—continued

BONNEY VISE & TOOL WORKS ("Bonney" & "Champion", "Lehigh"), Allentown, Pa. *See adv index at end of book*
Columbian Hardware Co. (Machinists, "Columbian," etc), Cleveland, O.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Emmert Mfg. Co. ("Tiger"), Waynesboro, Pa.
Erie Tool Works, Erie, Pa.
Fisher & Norris ("Fisher"), Trenton, N. J.
Fulton Machine & Vise Co. ("Peerless," "Fulton" Swivel), Lowville, N. Y.
Globe Vise & Truck Co., Grand Rapids, Mich.
Goodell-Pratt Co., Greenfield, Mass.
Hollands Mfg. Co. ("Keystone"), 352 E 18th, Erie, Pa.
Howard Iron Works (Fixed & Swivel), Buffalo, N. Y.
Illinois Iron & Bolt Co. (Machinists, etc), Carpentersville, Ill.
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Irving Mfg. & Tool Co., 157 Chambers, New York
Massey Vise Co., 547 Washington blvd, Chicago, Ill.
MERRILL BROS. (Steel Bar, Parallel Jaws, Swivel Base), 3 Arnold, Maspeth (Borough of Queens), New York
See adv index at end of book
Millers Falls Co., 28 Warren, New York
North Bros. Mfg. Co. ("Yankee'), Lehigh & American, Phila., Pa.
Oliver Machy. Co., Grand Rapids, Mich.
Parker Chas. Co., Meriden, Conn.
Phoenix Hardware Co., Buffalo, N. Y.
Prentiss Vise Co. ("Prentiss," "Gipsy"), 110 Lafayette, New York
Reed Mfg. Co., Erie, Pa.
Richards-Wilcox Mfg. Co. ("Wilcox" Woodworking Rapid Acting), Aurora, Ill.
Rock Island Mfg. Co. ("Rock Island," Automatic Swivel, Lock Jaw), Rock Island, Ill.
Sargent & Co., New Haven, Conn.
Stanley Rule & Level Co. ("Jersey"), New Britain, Conn.
Star Specialty Mfg. Co., 227 W Erie, Chicago, Ill.
Stearns E. C. & Co. ("Stearns" Gypsy Pattern & Oval Slide), 450 Oneida, Syracuse, N. Y.
Superior Tool Co. ("Du Charme" Quick Adjusting), Cambridge, O.
Toles W. C. Co., 4034 N Tripp av, Chicago, Ill.
Walworth Mfg. Co. ("Walworth"), Boston, Mass.
Yost G. M. Mfg. Co. ("Yost" Solid & Adjustable Jaw, also Pattern Makers' Vises), Meadville, Pa.

16514— Vises (Bicycle)

Massey Vise Co., 547 Washington blvd, Chicago, Ill.
Phoenix Hardware Co., Buffalo, N. Y.
Prentiss Vise Co., 110 Lafayette, New York
Yost G. M. Mfg. Co., Meadville, Pa.

16515— Vises (Blacksmiths')

Columbian Hardware Co., Cleveland, O.
COLUMBUS FORGE & IRON CO., Columbus, O. *See adv index at end of book*
Fisher & Norris ("Fisher"), Trenton, N. J.
Howard Iron Works, Buffalo, N. Y.
New London Vise Works, New London, Conn.
Rock Island Mfg. Co. ("Rock Island" Automatic Swivel), Rock Island, Ill.
WARREN TOOL & FORGE CO., Warren, Ohio

Vises (Cabinet Makers')

See Vises, Coachmakers' or Woodworkers'

16516—Vises (Carpet & Oil Cloth)

Kraeuter & Co., 583 18th av, Newark, N. J.
Osborne C. S. & Co. ("Kelly"), Harrison, N. J.

16517—Vises (Chain Pipe)

Ellis & Ford Mfg. Co. ("Ellis"), Detroit, Mich.
Erie Tool Works, Erie, Pa.
Gerolo Mfg. Co. (Chain Grip), Old Colony bldg, Chicago, Ill.
Williams J. H. & Co. ("Vulcan" Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

16518— Vises (Chipping)

Columbian Hardware Co., Cleveland, O.
Hollands Mfg. Co. ("Keystone"), 352 E 18th, Erie, Pa.
Prentiss Vise Co. (Heavy Chipping), 110 Lafayette, New York
Yost G. M. Mfg. Co. (Heavy Chipping), Meadville, Pa.

16519— Vises (Clamp)

Athol Machine Co., ("Standard", "Superior" & "Starrett"), Athol, Mass.
Columbian Hardware Co., Cleveland, O.
Millers Falls Co. (Oval Slide), 28 Warren, New York
Phoenix Hardware Co., Buffalo, N. Y.
Prentiss Vise Co., 110 Lafayette, New York
Rock Island Mfg. Co., Rock Island, Ill.
Stanley Rule & Level Co. ("Jersey"), New Britain, Conn.
Yost G. M. Mfg. Co., Meadville, Pa.

16520—Vises (Coach Makers' or Wood-Workers')

Athol Machine Co. ("Simpson"), Athol, Mass.
Barrett Machine Tool Co., Meadville, Pa.
Billings & Spencer Co., Hartford, Conn.
Bonney Vise & Tool Works, Allentown, Pa.
See adv index at end of book
Champion Hdwe. Co., Geneva, O.
Columbian Hardware Co., Cleveland, O.
Fisher & Norris ("Fisher" Quick Acting Wood Worker), Trenton, N. J.
General Machine Works, York, Pa.
Globe Vise & Truck Co., Grand Rapids, Mich.
Hollands Mfg. Co. ("Hollands" & "Penn"), 352 E 18th, Erie, Pa.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Massey Vise Co., 547 Washington blvd, Chicago, Ill.
New London Vise Works ("Hyde's"), New London, Conn.
Oliver Machinery Co., Grand Rapids, Mich.
O'Neil J. H. (Carpenters), Pawtucket, R. I.
Parker Chas. Co., Meriden, Conn.
Prentiss Vise Co. ("Monarch," "Bingham," "Shephard"), 110 Lafayette, New York
Rock Island Mfg. Co., Rock Island, Ill.
Timmis & Clissold, Bound Brook, N. J.
Toles W. C. Co. (Rapid Acting), 4034 N Tripp av, Chicago, Ill.
Wyman-Gordon Co. (Quick Action Wood Worker), Worcester, Mass.
Yost G. M. Mfg. Co. ("Yost" Pattern Makers), Meadville, Pa.

Vises (Combination, Anvil, Etc.)

See Anvil, Vise & Drill Combined

Vises (Combination, Drill, Etc.)

See Vises, Anvil, etc, Combination

16521— Vises (Cutters')

New London Vise Works, New London, Conn.

16521a—*Vises (Drill Press)

Plunket Jas E., 1342 W Lake, Chicago, Ill.
See adv index at end of book

16522—Vises (Drilling Machine)

Adams Co. ("The Diamond"), Dubuque, Iowa
AINSLIE MACHINE & TOOL WORKS ("Handy"), 35 Jefferson av, Hartford, Conn. *See adv index at end of book*
Armstrong Bros. Tool Co ("Armstrong" Quick Action) 339 N Francisco av, Chicago, Ill.
Blissfield Motor Works ("Davenport" Tilting for Drill Presses), Blissfield, Mich.
Carter & Hakes Machine Co. (Screw), Winsted, Conn.
Cincinnati-Bickford Tool Co. ("Cincinnati"), Cincinnati, O.
Frederick Machine Works, Norwalk, O.
Germanow-Simon Machine Works ("G. & S"), 58 Mill, Rochester, N. Y.
Graham Mfg. Co., 96 Point, Providence, R. I.
Hoggson & Pettis Mfg. Co. (Drill Press), New Haven, Conn.
Massey Vise Co., 547 Washington blvd, Chicago, Ill.
Mather & Waechter, 105th & Quebec av, Cleveland, O.
Millers Falls Co. ("Alford"), 28 Warren, New York
Mohn W. D. & Co. ("Mohn"), Reading, Pa.
North Bros. Mfg. Co. ("Yankee"), Lehigh av & American, Phila., Pa.
North Wales Machine Co., North Wales, Pa.
Plunket Jas. E. ("Plunket" Drill Press"), 1342 W Lake, Chicago, Ill.
See adv index at end of book
Rock Island Mfg. Co., Rock Island, Ill.
St. Louis Sales Co. ("Quick Action"), Chemical bldg, St. Louis, Mo.
Sellew Machine Tool Co. ("Universal"), Pawtucket, R. I.
Skinner Chuck Co. ("Skinner"), New Brittain, Conn.
Sunderland Machinery & Supply Co., Omaha, Neb.
Union Tool Co. ("Hill for Drill Press"), Orange, Mass.
Wilcox Mfg. Co., 4824 W Lake, Chicago, Ill.
Yost G. M. Mfg. Co., Meadville, Pa.

16523— Vises (Farmers')

Athol Machine Co., Athol, Mass.
Columbian Hardware Co. ("Columbian"), Cleveland, O.
Parker Chas. Co., Meriden, Conn.
Phoenix Hardware Co., Buffalo, N. Y.
Rock Island Mfg. Co., Rock Island, Ill.
Yost G. M. Mfg. Co., Meadville, Pa.

16524—Vises (Foot, Blacksmiths')

Columbian Hardware Co., Cleveland, O.
Illinois Iron & Bolt Co. ("Rice"), Carpentersville, Ill.
New London Vise Works, ("Hyde's" Horse Shoers'), New London, Conn.
Noyes B. B. Co. ("Little Giant," Vise & Bolt Header Combined), Greenfield, Mass.

16525— Vises (Hand)

See also Vises, Pin

Athol Machine Co. ("Boss," "Standard"), Athol, Mass.
Billings & Spencer Co. ("Billings"), Hartford, Conn.
Bonney Vise & Tool Works (Swivel Bench & Hand Vise Combined), Allentown, Pa. *See adv index at end of book*
Braunsdorf-Mueller Co., Elizabeth, N. J.
Columbian Hardware Co., Cleveland, O.
Dikeman Mfg. Co. (Hard Wood Handle), Norwalk, Conn.
Goodell-Pratt Co., Greenfield, Mass.
Grey Iron Casting Co., Mt. Joy, Pa.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Irving Mfg. & Tool Co., 157 Chambers, New York
Kilborn & Bishop Co. ("K. & B."), New Haven, Conn.
LOWELL WRENCH CO. ("Lowell"), 54 Commercial, Worcester, Mass.
See adv index at end of book
Malleable Iron Fittings Co. ("M. I. F. Co." Hand & Bench), Branford, Conn.
Millers Falls Co. ("Alford"), 28 Warren, New York
Phoenix Hardware Co., Buffalo, N. Y.
Reading Saddle & Mfg. Co. (Household), Reading, Pa.
Robinson M. W. Co. ("Rollis"), 203 37th, Brooklyn, N. Y.
Rock Island Mfg. Co., Rock Island, Ill.
Smith Otis A. (Hand, with Parallel Jaw), Rockfall, Conn.
Try-Me Mfg. Co. (Also with Combination Wrench), Springfield, Mass.

16526—Vises (Horseshoers')

Butts & Ordway Co. ("Sure Grip"), 33 Purchase, Boston, Mass.
Champion Tool Co. ("Champion" Foot), Meadville, Pa.
Columbian Hardware Co., Cleveland, O.
Iron City Tool Works, Ltd. (Solid Box), 3201 Smallman, Pittsburgh, Pa.

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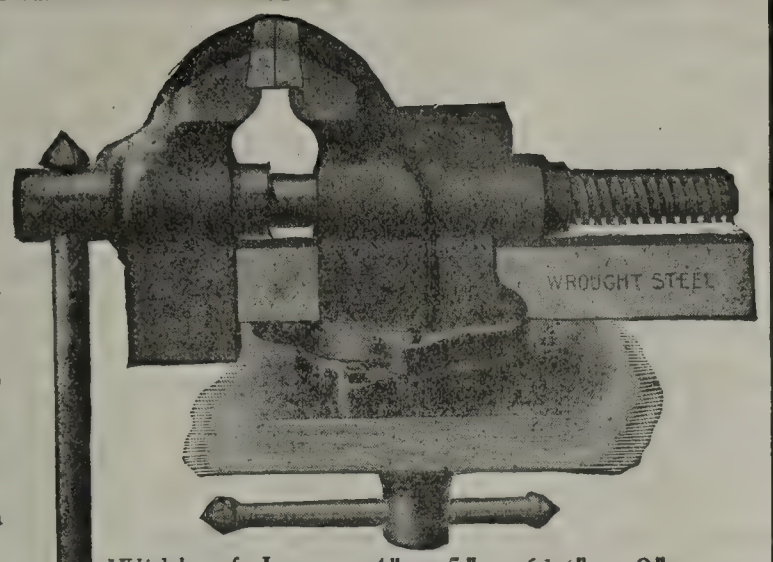


Width of Jaw,	4"	5"	6½"	8"
Weigh	70	94	141	212 Lbs.

MERRILL BROS., 3 Arnold St., MASPETH, New York City

16527— Vises (Jewelers')

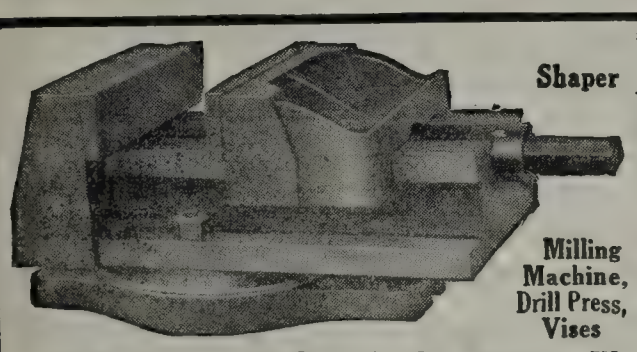
Athol Machine Co. ("Standard," "Simpson," "Starrett" and "Athol"), Athol, Mass.
Kendrick-Davis Co. ("K.-D."), Lebanon, N. H.
LOWELL WRENCH CO. ("Lowell" Pin), 54 Commercial, Worcester, Mass.
See adv index at end of book
Parker Chas. Co., Meriden, Conn.
Phoenix Hardware Co., Buffalo, N. Y.
Prentiss Vise Co., 110 Lafayette, New York
Rock Island Mfg. Co., Rock Island, Ill.
Stanley Rule & Level Co. ("Jersey"), New Britain, Conn.
Worthington & Raymond (Imp), 71 Murray, New York
Yost G. M. Mfg. Co., Meadville, Pa.

16528— Vises (Linemen's)

Billings & Spencer Co. ("B. & S." Drop Forged), Hartford, Conn.
Dicke Tool Co., Downers Grove, Ill.

16528a— *Vises (Machine Tool)

Plunket Jas E., 1342 W Lake, Chicago, Ill.



J. E. Plunket, 1342 W. Lake St., Chicago, Ill.

16529— Vises (Machinists')

Adams Co. ("Diamond" Parallel Jaw), Dubuque, Ia.
Athol Machine Co. ("Starrett's Improved," "Simpson" & "Standard" Parallel Jaw, also Stationary Swivel Jaw & Swivel Base), Athol, Mass.
Aurora Door Hanger & Specialty Co., Aurora, Ill.
Barrett Machine Tool Co. (Adjustable Jaw, Swivel Bottom & Parallel), Meadville, Pa.
Bonney Vise & Tool Works (Parallel "Ajax," "Hercules"), Allentown, Pa.
See adv index at end of book
Columbian Hardware Co. (Parallel Jaw) Cleveland, O.
Emmert Mfg. Co. ("Emmert" Universal Parallel Jaw), Waynesboro, Pa.
Erie Tool Works, Erie, Pa.
Fisher & Norris ("Fisher" Quick Acting), Trenton, N. J.
Fulton Machine & Vise Co., Lowville, N. Y.
Hollands Mfg. Co. ("Hollands" & "Penn" Parallel & Swivelling Jaw), 352 E 18th, Erie, Pa.
Holmes Mfg. Co., Shelton, Conn.
Howard Iron Works (Parallel Jaw), Buffalo, N. Y.
Illinois Iron & Bolt Co. (Swivel Self-Adjusting & Parallel), Carpentersville, Ill.
Massey Vise Co., 547 Washington blvd, Chicago, Ill.
MERRILL BROS. (Parallel Jaw), 3 Arnold, Maspeth (Borough of Queens), New York *See adv index at end of book*
Millers Falls Co., 28 Warren, New York
New Britain Machine Co. ("New Britain"), 190 Chestnut, New Britain, Conn.
North Bros. Mfg. Co. ("Yankee"), Lehigh av & American, Phila., Pa.
Parker Chas. Co. ("Victor" Parallel & Swivelling Jaw), Meriden, Conn.
Phoenix Hardware Co., Buffalo, N. Y.
Plunket James E., 1342 W Lake, Chicago, Ill. *See adv index at end of book*
Prentiss Vise Co. ("Monarch," "Bingham," Parallel & Swiveling Jaw), 110 Lafayette, New York
Reed Mfg. Co. (Parallel & Swivelling Jaw), Erie, Pa.
Rock Island Mfg. Co. ("Rock Island" Automatic Swivel), Rock Island, Ill.
Sargent & Co., New Haven, Conn.
Stanley Rule & Level Co. ("Jersey"), New Britain, Conn.
Union Tool Co. ("Hill" Parallel Jaw), Orange, Mass.
Western Tool & Mfg. Co., Springfield, O.
Yost G. M. Mfg. Co. ("Yost," "Gem," & "Stephen's"), Meadville, Pa.

16530—Vises (Manual Training)

Columbian Hardware Co., Cleveland, O.
Emmert Mfg. Co. ("Eureka"), Waynesboro, Pa.
Rock Island Mfg. Co., Rock Island, Ill.
Yost G. M. Mfg. Co. ("Yost"), Meadville, Pa.

16530a— *Vises (Milling)

Plunket Jas E., 1342 W Lake, Chicago, Ill.
See adv index at end of book

16531—Vises (Milling Machine)

BECKER MILLING MACHINE CO., Hyde Park, Mass.
Bilton Machine Tool Co. (The), ("Bilton"), Bridgeport, Conn.
Blissfield Motor Works ("Davenport" Tilting), Blissfield, Mich.
Brown Engineering Co. ("Utility"), Reading, Pa. *See adv index at end of book*
Brown & Sharpe Mfg. Co., Providence, R. I.
Carter & Hakes Machine Co. (Quick Operating Lever & Screw), Winsted, Conn.
Cincinnati Milling Machine Co., Cincinnati, O.
Cleveland Milling Machine Co., 18511 Euclid av, Cleveland, O.
Fox Machine Co., Jackson, Mich.
Frederick Machine Wks., 460 Foster av, Norwalk, Conn.
Garvin Machine Co., 147 Varick, New York
Hendey Machine Co., ("Hendey"), Torrington, Conn.
Kearney & Trecker, Milwaukee, Wis.
Kempsmith Mfg. Co., West Allis, Wis.
Le Blond R. K. Mach. Tool Co., Cincinnati, O.
Massey Vise Co., 547 Washington blvd, Chicago, Ill.
Moback Tool & Machine Mfg. Co. ("Moback" Plain & Swival), 330 Atlantic av, Boston, Mass.
North Wales Machine Co., North Wales, Pa.
Oesterlein Machine Co., Cincinnati, O.
Plunkett Jas. E. ("Plunket"), 1342 W Lake, Chicago, Ill.
See adv index at end of book
Pratt & Whitney Co., Hartford, Conn.
Rock Island Mfg. Co., Rock Island, Ill.
Union Tool Co. ("Hill"), Orange, Mass.
Whitney Mfg. Co., Hartford, Conn.

16531a— *Vises (Mount)

Williams J. H. & Co. ("Vulcan" Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

16532— Vises (Oval Slide)

Athol Machine Co., Athol, Mass.
Parker Chas. Co., Meriden, Conn.
Rock Island Mfg. Co., Rock Island, Ill.
Yost G. M. Mfg. Co., Meadville, Pa.

16533— Vises (Parallel)

See also Vises, Bench

Barrett Machine Tool Co., Meadville, Pa.
Columbia Hardware Co., Cleveland, O.
Fisher & Norris ("Fisher" Double Screw), Trenton, N. J.
Hollands Mfg. Co. ("Hollands" & "Penn"), 352 E 18th, Erie, Pa.
Massey Vise Co., 547 Washington blvd, Chicago, Ill.
MERRILL BROS. (Steel Bar), 3 Arnold, Maspeth (Borough of Queens), New York. *See adv index at end of book*
Parker Chas. Co., Meriden, Conn.
Prentiss Vise Co. ("Bull-Dog"), 110 Lafayette, New York
Rock Island Mfg. Co., Rock Island, Ill.
Yost G. M. Mfg. Co., Meadville, Pa.

Vises (Pattern Makers')

See Vises, Coach Makers' or Wood Workers; also Vises, Bench

16534—Vises (Picture Frame)

Rockford Mitre Box Co. ("Star"), Rockford, Ill.

16535— Vises (Pin)

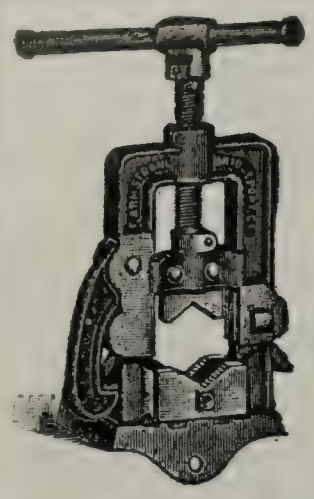
See also Vises, Hand

Braunsdorf-Mueller Co., Elizabeth, N. J.
Fray John S. Co., Bridgeport, Conn.
Goodell-Pratt Co., Greenfield, Mass.
Kendrick-Davis Co. ("K.-D."), Lebanon, N. H.
LOWELL WRENCH CO. ("Lowell" Jewelers, etc.), 54 Commercial, Worcester, Mass. *See adv index at end of book*
Robinson M. W. Co. ("Robinson"), 203 37th, Brooklyn, N. Y.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER

16536— Vises (Pipe)

ARMSTRONG MFG. CO. ("Armstrong", Hinged Pipe Vises), 278 Knowlton, Bridgeport, Conn.
See adv index at end of book



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New York Office, 248 Canal Street

Barrett Machine Tool Co. ("The Barrett" Combination), Meadville, Pa.
Billings & Spencer Co., Hartford, Conn.
Butler Co., Butler, Ind.
Butterfield & Co., Derby Line, Vt.
Channon Jas. H. Mfg. Co., 227 W. Erie, Chicago, Ill.
Clark Bros. Co., Olean, N. Y.
Columbian Hardware Co., Cleveland, O.
Crane Co., (Est. 1855), 836 S. Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Crane Co. (Malleable Iron), Bridgeport, Conn.
Crown Die & Tool Co. ("Crown"), 553 W Monroe, Chicago, Ill.
Dikeman Mfg. Co. ("Handy," Small for Electricians, Pipe Fitters, etc), Norwalk, Conn.
Emmert Mfg. Co. ("Tiger"), Waynesboro, Pa.
Erie Tool Works (Chain, etc), Erie, Pa.
Fulton Machine & Vise Co. ("F. & R.," "Star" Solid Jaw & Combination Pipe), Lowville, N. Y.
Handy Mfg. Co. ("Handy"), Bridgeport, Conn.
Hilts Wrench & Mfg. Co. ("Vulcan" Chain), Richford, N. Y.
Hinman D. A. & Co. ("Enterprise"), Sandwich, Ill.
Hollands Mfg. Co. (Malleable Hinged, "Hollands" Roller, Jaw & Open Side), 352 E 18th, Erie, Pa.
Howard Iron Works, Buffalo, N. Y.
Illinois Iron & Bolt Co. ("I. I. & B. Co."), Carpentersville, Ill.
Jarecki Mfg. Co. ("Jarecki"), Erie, Pa.
Mark Mfg. Co. ("Roller"), Evanston, Ill.
Massey Vise Co., 547 Washington blvd, Chicago, Ill.
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
Nye Tool & Machine Works ("Nye"), 108 N Jefferson, Chicago, Ill.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Oswego Tool Co. ("Walworth," "Armstrong," "Smith," "Parker," Combination "Jarecki" & Malleable Patterns), Oswego, N. Y.
Parker Chas. Co. (Combination), Meriden, Conn.
Parmelee Tool Co. ("Stillson"), 2515 W. Monroe, Chicago, Ill.
Phoenix Hardware Co., Buffalo, N. Y.
Prentiss Vise Co. ("Prentiss," Open Side & "20th Century," "Shepard," "Rex," "Blake"), 110 Lafayette, New York
Pryibil Machine Co., 520 W 41st, New York
Reed Mfg. Co., Erie, Pa.
Rock Island Mfg. Co. ("Rock Island" Automatic Swivel & Hinged), Rock Island, Ill.
Saunders D. Sons Co., Yonkers, N. Y.
Spencer Regulator Co. ("Spencer," "Searls"), Salem, Mass.
Superior Tool Co. ("Du Charme," Quick Adjusting Open Top), Cambridge, O.
Toledo Pipe Threading Machine Co., 1440 Summit, Toledo, O.
Vanderman Mfg. Co. (Combination Bench), Willimantic, Conn.
Walworth Mfg. Co. ("Klingfast"), Boston, Mass.
Warnock Mfg. Co. ("Warnock" Smooth & Nickel Pipe), 54 Commercial, Worcester, Mass.
Whittington-Vaughn Co. ("Whittington"), Easton, Pa.
Williams J. H. & Co. ("Vulcan" Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book
Yale & Towne Mfg. Co., 9 E 40th, New York
Young Joseph H. Co. (Brass Combination), 82 High, Boston, Mass.

16537—Vises (Pipe, Combination)

Athol Machine Co., Athol, Mass.
Bonney Vise & Tool Works, Allentown, Pa. *See adv index at end of book*
Columbian Hardware Co., Cleveland, O.
Fisher & Norris ("Fisher" Quick Acting), Trenton, N. J.
Fulton Machine & Vise Co., Lowville, N. Y.
Hollands Mfg. Co. ("Hollands" Standard & Extra Heavy), 352 E 18th, Erie, Pa.
Howard Iron Works, Buffalo, N. Y.
Prentiss Vise Co. ("Prentiss"), 110 Lafayette, New York
Rock Island Mfg. Co., Rock Island, Ill.
Smith H. B. Co., ("Smith"), Westfield, Mass.
Stowell Co. The ("Hanson" 5 Tools in One), South Milwaukee, Wis.
Yost G. M. Mfg. Co., Meadville, Pa.
Young Joseph H. Co. ("Crawford"), 82 High, Boston, Mass.

16537a— *Vises (Pipe Mount)

Williams J. H. & Co. ("Vulcan" Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

16538—Vises (Planer & Shaper)

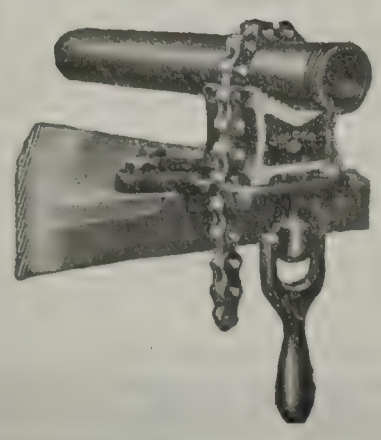
American Tool Works Co., Cincinnati, O.
Blissfield Motor Works ("Davenport" Tilting), Blissfield, Mich.
Carter & Hakes Machine Co. (Screw), Winsted, Conn.
Frederick Machine Works, Norwalk, O.
Fulton Machine Co., Canal Fulton, O.
Hendey Machine Co. ("Hendey") Torrington, Conn.
Massey Vise Co., 547 Washington blvd, Chicago, Ill.
Plunket Jas E., 1342 W Lake, Chicago, Ill.
See adv index at end of book
Pratt & Whitney Co., Hartford, Conn.
Rock Island Mfg. Co., Rock Island, Ill.
Sellew Machine Tool Co., Pawtucket, R. I.
Union Tool Co. ("Hill"), Orange, Mass.

16539—Vises (Rule Bending)

Griswold George M. Machine Co. (Folding Box Makers), New Haven, Conn.
Rock Island Mfg. Co., Rock Island, Ill.

16540— Vises (Saw)

See also Clamps; also Vises, Band Saw
Atkins E. C. & Co., Indianapolis, Ind.
Baldwin Tuthill & Bolton (For Band Saws), Grand Rapids, Mich.
Buckeye Mfg. & Foundry Co. (Folding), Cleveland, O.
Cincinnati Tool Co. ("Hargrave"), Norwood, Cincinnati, O.
See adv index at end of book
Clipper Tool Co. ("Neverbreak" All-Steel), 284 Mills, Buffalo, N. Y.
Disston Hy. & Sons, Tacony, Phila., Pa.
Filer & Stowell Co. ("Cunningham," for Band & Gang Saws), Milwaukee, Wis.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Huther Bros. Saw Mfg. Co. (Adjustable Circular), Rochester, N. Y.
See adv index at end of book
Loetscher-Ryan Mfg. Co., Dubuque, Ia.
New Britain Machine Co. ("New Britain" (Band & Circular Saw Vises), 190 Chestnut, New Britain, Conn.
Oliver Machinery Co. (Adjustable Circular, etc), Grand Rapids, Mich.
Parker Chas. Co. (Adjustable Saw Filers), Meriden, Conn.
Phoenix Hardware Co. ("Wentworth" Patern, "Phoenix"), Buffalo, N. Y.
Sargent & Co. ("Wentworth" Improved Pattern "Sargent"), New Haven, Conn.



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Stearns E. C. & Co. ("Stearns," "Wentworth"), 450 Oneida, Syracuse, N. Y.
Stover Mfg. Co., Freeport, Ill.
Weber Mfg. Co. (Folding Saw Filing Vises), West Allis, Wis.
Wright Chas. E. Co. (For Band & Circular Saws), Kenilworth, N. J.

16541—Vises (Shoe & Harness)

Stover Mfg. Co. ("Ideal"), Freeport, Ill.

16542— Vises (Solid Box)

Columbian Hardware Company, Cleveland, Ohio
COLUMBUS FORGE & IRON CO., Columbus, O. *See adv index at end of book*
Fisher & Norris ("Fisher"), Trenton, N. J.
Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.
MERRILL BROS. (Steel Bar, Parallel Jaws, Swivel Base), 3 Arnold, Maspeth (Borough of Queens), New York *See adv index at end of book*
New London Vise Works, New London, Conn.
Rock Island Mfg. Co., Rock Island, Ill.

16543—Vises (Tool Makers')

Athol Machine Co., ("Standard", "Starrett", "Simpson", "Athol"), Athol, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Champion Hardware Co., Geneva, O.
Columbian Hardware Co., Cleveland, O.
Emmert Mfg. Co. ("University"), Waynesboro, Pa.
Hollands Mfg. Co., 352 E 18th, Erie, Pa.
MERRILL BROS. (Steel Bar), 3 Arnold Maspeth (Boro. of Queens), New York *See adv index at end of book*
North Bros. Mfg. Co. ("Yankee"), Lehigh av & American, Phila., Pa.
Parker Chas. Co., Meriden, Conn.
Rock Island Mfg. Co., Rock Island, Ill.
Stanley Rule & Level Co. ("Jersey"), New Britain, Conn.
Yost G. M. Mfg. Co., Meadville, Pa.

Vitriol (Blue)

See Chemicals, Battery; also Copper Sulphate

Vitriol (Green)

See Copperas

Vitriol (White)

See Sulphate of Zinc

16544— Vitrolite

(Is a Structural Material, a Substitute for Marble)
Vitrolite Co., 133 W. Washington, Chicago, Ill.

16544a— Voltmeters (Battery)

Manhattan Electrical Supply Co., 17 Park pl, New York *See adv index at end of book*

16545— Voltmeters (Milli)

BRISTOL CO. ("Bristol's" Recording), Waterbury, Conn.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Weston Electrical Instrument Co., Waverly Park, Newark, N. J.

16546—Voltmeters & Frequency Indicator Combined

See also Ammeters & Voltmeters

Wagner Electric Mfg. Co., 6400 Plymouth av, St. Louis, Mo.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

16547— Vulcabeston

Johns-Pratt Co., The (For Electric Insulation & Steam Packing, etc), Hartford, Conn.

16548—Vulcanizers (Electric)

Carbett & De Coursey Co., 705 Columbia Bank bldg, Pittsburgh, Pa.
Electric Vulcanizer Co., 618 3rd av S, Minneapolis, Minn.
Gwynn-Bacon Vulcanizer Co., 3213 Locust, St. Louis, Mo.
Hughes D. C. & Co., 4642 Ravenswood av, Chicago, Ill.
Meiser G. H. & Co., 6823 S Chicago av, Chicago, Ill.
Premier Elec. Co., 1123 S Wabash av, Chicago, Ill.
Shaler C. A. Co., Waupun, Wis.

16549—Vulcanizers (Hose)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O. *See adv index at end of book*

16550—Vulcanizers (Rubber)

BIGGS BOILER WORKS CO.., (Biggs Patented Boltless Vulcanizers), Case av & Williams, Akron, O. *See adv index at end of book*
Birmingham Iron Foundry (Tire), Derby, Conn.
CROSSLEY MACHINE CO., State & Chestnut av, Trenton, N. J. *See adv index at end of book*
Dorman J. F. W. Co. ("Peerless"), 526 N Calvert, Baltimore, Md.
Farrel Fdry. & Machine Co., Ansonia, Conn.
Hawgood Tire Equipment Co., Indianapolis, Ind.
Koven L. O. & Bro. (And All Other Kinds), 154 Ogden av, Jersey City, N. J. *See adv index at end of book*
Leslie Elliott & Co., Paterson, N. J.
McNeil Boiler Co., 96 Crozier, Akron, O.
Manitowoc Engineering Works, Manitowoc, Wis.
Smith R. H. Mfg. Co. ("Bay State" for Steam, "Handy" for Dry Heat), Springfield, Mass.
Smith Samuel & Son Co., Paterson, N. J.
Thropp Wm. R. & Sons Co., Trenton, N. J.
THROPP'S JNO. E. SONS CO., ft of Lewis, Trenton, N. J. *See adv index at end of book*

16551-2—Vulcanizers (Tire & Tube)

Adamson Mfg. Co., East Palestine, O.
Anderson Rubber Works ("Miller's" Steam for Repairing Auto Inner Tubes), Anderson, Ind.
Auto Tire Vulcanizing Co., Lowell, Mass.
Beach-Russ Co. (Rubber), 220 B'way, New York *See adv index at end of book*
BIGGS BOILER WORKS CO., (Biggs Patented Boltless Vulcanizers), Case av & Williams, Akron, O. *See adv index at end of book*
Burge Machine Works, 230 N Jefferson, Ill.
Faultless Engine Co. (Gas), 1511 Cypress av, Kansas City, Mo.
Goodrich B. F. Co., Akron, O.
McGraw Tire & Rubber Co. ("Imperial"), East Palestine, O.
Marvel Accessories Mfg. Co. ("Marvel"), 2011 E 46th, Cleveland, O.
Midland Supply Co. ("Positive," Portable, Steam), Davenport, Ia.
National Motor Supply Co. 5606 Euclid, Cleveland, O.
Rice & Dayton Mfg. Co. ("Little Wonder"), Cedar Falls, Ia.
Safety Vulcanizer Mfg. Co. ("Safety"), Mason City, Ia.
Shaler C. A. Co. ("Shaler" Electric, Alcohol Steam), Waupun, Wis.
Thropp Wm. R. & Sons Co., Trenton, N. J.
THROPP'S JNO. E. SONS CO., ft of Lewis, Trenton, N. J. *See adv index at end of book*
Vanderpool Co., Springfield, O.
Vulcan Mfg. Co., S. B'way, Denver, Colo.
Worcester Mfg. Co. ("Worcester" Automatic), Worcester, Mass.

16553—Wagon Dump Boxes

Acme Road Machinery Co., Frankfort, N. Y.
American Cement Machine Co. ("Mandt"), Keokuk, Ia.
Baker Mfg Co. 1000 Stanford av, Springfield, Ill.
Cator Dump Wagon Co., Palmyra, N. Y.
Columbia Wagon Co., Columbia, Pa.
Dakota Plow & Wagon Co., Sioux Falls, S. D.
Eagle Wagon Works, Auburn, N. Y.
Everett Mfg. Co. ("Everett," Portable), Newark, N. Y.
Galion Iron & Mfg. Wks. Co., Gallon, O.
Glen Wagon & Car Corp. ("Glen"), Cortland, N. Y.
Knapheide Henry Wagon Co., Quincy, Ill.
Maytag Co. ("Parsons"), Newton, Ia.
Ohio Road Machinery Co. ("Ohio"), Oberlin, O.
Studebaker Corp., South Bend, Ind.
Tiffin Wagon Co., Tiffin, O.
Troy Wagon Works Co. ("Troy"), 100 E Race, Troy, O.
Turnbull Wagon Co. ("Turnbull"), Defiance, O.

16554— Wagon Sunshades

Troy Carriage Sun Shade Co. (For Wagons, Trucks, etc), Troy, O.

16555—Wagons (Asphalt, Dump)

Blake J. M. & Son, Buffalo, N. Y.
Columbia Wagon Co., Columbia, Pa.
Eagle Wagon Works, Auburn, N. Y.
Glen Wagon & Car Corp. ("Glen"), Cortland, N. Y.
Milburn Wagon Co., Toledo, O.
Shadbolt Mfg. Co., 68 Flushing av, Brooklyn, N. Y.
Studebaker Corp., South Bend, Ind.
Tiffin Wagon Co. (Steel Lined, etc), Tiffin, Ohio
Troy Wagon Works Co. ("Troy"), 100 East Race, Troy, O.
Watson Wagon Co., Canastota, N. Y.

Wagons (Baggage & Express)

See Barrows, Baggage & Express

16556— Wagons (Bakers')

American Wagon Co., 8th & Sycamore,, Cincinnati, O.
Armleder O. Co., 12th & Plum, Cincinnati, Ohio
Koening & Luhrs Wagon Co., Quincy, Ill.
Martin Carriage Works, York, Pa.
Parsons Wagon Co., Earlville, N. Y.
Winkler Grimm Corp., South Bend, Ind.
Woeber Car & Mfg. Co., Denver, Colo.

16557— Wagons (Brewery)

Abresch Chas. Co., 398 4th, Milwaukee, Wis.
Akron-Selle Co., Akron, O.
Woeber Car & Mfg. Co., Denver, Colo.

16558-9—Wagons (Builders')

Abresch Chas. Co., 398 4th, Milwaukee, Wis.
Akron-Selle Co., Akron, O.
Martin Carriage Works, York, Pa.
Millburn Wagon Co., Toledo, O.
Studebaker Corp., South Bend, Ind.
Watson Wagon Co., Canastota, N. Y.

Wagons (Childrens')

See Vehicles, Children's

16560—Wagons (Coal Charging)

JACKSON MFG. CO., Harrisburg, Pa. *See adv index at end of book*
Kilbourne & Jacobs Mfg. Co. (Steel), Columbus, O.

16561—Wagons (Coal & Coke)

Abresch Chas. Co., 398 4th, Milwaukee, Wis.
Akron-Selle Co. (Spring), Akron, O.
Auburn Wagon Co., Martinsburg, W. Va.
Blake J. M. & Son, Buffalo, N. Y.
Karges Wagon Co., Evansville, Ind.
Kramer J. & Sons Mfg. Co. (Chute Coal), 675 Water, New York
Lansing Wagon Works, Lansing, Mich.
Leonhardt Wagon Mfg. Co. ("Leonhardt" Coal Chute), 417 E Saratoga, Baltimore, Md.
Milburn Wagon Co., Toledo, O.
Mogul Wagon Co., Hopkinsville, Ky.
Owensboro Wagon Co., Owensboro, Ky.
Springfield Wagon Co., Springfield, Mo.
Streich A. & Bro. Co. (Spring & Dead Axle), Oshkosh, Wis.

WAGONS (COAL & COKE)—continued
Stroud & Co. (Coal Only), Omaha, Neb.
Studebaker Corp., South Bend, Ind.
Winkler Grimm Corp., South Bend, Ind.
Wright Thos. Co. (Elevating Rear & Side Delivery), 71 Colden, Jersey City, N. J.

16562— Wagons (Coaster)

American National Co., Toledo, O.
BUFFALO SLED CO. ("Auto-Wheel" & Coaster), N. Tonawanda, N. Y.
Durham Mfg. Co. (Auto), Muncie, Ind.
Henley Roller Skate & Machine Co., Richmond, Ind.
Hunt, Helm, Ferris & Co. ("Star"), Harvard, Ill.
Janesville Products Co., Janesville, Wis.
John's Stamping & Machine Works Co., ("Three-in-One"), Cleveland, O.
Martin & Heagy Mfg. Co. ("Hickory"), Elizabethtown, Pa.
Rockaway Mfg. Co. ("Rockaway"), 421-441 Culvert, Cincinnati, O.
Sheboygan Coaster & Wagon Works ("Unique," "Sheboygan," "Carry All" & Roller Steel Gear), Sheboygan, Wis.
South Bend Toy Mfg. Co. (Standard," "Big Possum," "South Bend"), South Bend, Ind.
Toledo Metal Wheel Co., Toledo, O.
Wabash Mfg. Co. ("Wabash Express" & Sleds), Terre Haute, Ind.
Wagner Mfg. Co., Cedar Falls, Ia.

Wagons (Contractors')

See Wagons, Dumping

16563— Wagons (Dairy)

Abresch Chas. Co., 398 4th, Milwaukee, Wis.
Clark J. L. Carriage Co., Oshkosh, Wis.
Columbia Wagon Co., Columbia, Pa.
Emerson-Brantingham Co. ("Newton"), Rockford, Ill.
Greenberg Edward, Arlington Heights, Ill.
Martin Carriage Works, York, Pa.
Millburn Wagon Co., Toledo, O.
Moline Plow Co. ("Freeport"),' Moline, Ill.
Northwestern Mfg. Co., Fort Atkinson, Wis.
Stoughton Wagon Co., Stoughton, Wis.
Studebaker Corp'n, South Bend, Ind.
Vaughn Mfg. Co., Jefferson, Wis.

16564— Wagons (Delivery)

Acme Wagon Co., Emigsville, Pa.
Akron-Selle Co., Akron, O.
American Carriage Co. (Light), 1275 Budd, Cincinnati, O.
Auburn Wagon Co., Martinsburg, W. Va.
Banner Buggy Co., 11th & Howard, St. Louis, Mo.
Champion Wagon Co., Owego, N. Y.
Columbia Wagon Co., Columbia, Pa.
Cooper A. A. Wagon & Buggy Co., Dubuque, Ia.
Deal Buggy Co., Jonesville, Mich.
Deere John Plow Co., 2204 N B'way, St. Louis, Mo.
Durant-Dort Carriage Co., Flint, Mich.
Emerson-Brantingham Co., Rockford, Ill.
Florence Wagon Co., Florence, Ala.
Fuller Buggy Co., Jackson, Mich.
Hannibal Wagon Co., Hannibal, Mo.
Hess Carriage Co. Hagerstown, Md.
Hoover Wagon Co., York, Pa.
Houghton-Merkel Co., Marion, O.
Kentucky Wagon Mfg. Co. ("Tennessee," "Old Hickory"), Louisville, Ky.
Koenig & Luhrs Wagon Co., Quincy, Ill.
Kratzer Carriage Co., Des Moines, Ia.
Lansing Wagon Works, Lansing, Mich.
Leonhardt Wagon Mfg. Co. ("Boss," Bottlers), 417 E Saratoga, Baltimore, Md.
Lion Buggy Co., C H & D R R nr Gest, Cincinnati, O.
Lull Carriage Co., Kalamazoo, Mich.
Martin Carriage Works, York, Pa.
Millburn Wagon Co., Toledo, O.
Moline Plow Co. ("Freeport"), Moline, Ill.
Noyes Carriage Co., Elkhart, Ind.
Parry Mfg. Co., Indianapolis, Ind.
Parsons Wagon Co., Earlville, N. Y.
Paterson W. A. Co., Flint, Mich.
Prouty & Glass Carriage Co., Wayne, Mich.
Rex Buggy Co., Connersville, Ind.
Schurmeier Wagon Co., 9th & Broadway, St. Paul, Minn.
Springfield Wagon Co., Springfield, Mo.
Studebaker Bros. Co. of Cal., 413 Mission, San Francisco, Cal.
Studebaker Corp., South Bend, Ind.
Sweet B. F. & H. L. Co., Fond du Lac, Wis.
Vaughn Mfg. Co., Jefferson, Wis.
Winkler Grimm Corp., South Bend, Ind.
Winona Carriage Co., Winona, Minn.
Woeber Car & Mfg. Co., Denver, Colo.

16565— Wagons (Dumping)

See also Carts, Dumping

Acme Road Machinery Co., Frankport, N. Y.
Acme Wagon Co., Emigsville, Pa.
Auburn Wagon Co., Martinsburg, W. Va.
Austin Mfg. Co., 910 S Michigan av, Chicago, Ill.
Bain Wagon Co. (Ltd.) ("Bain"), Kenosha, Wis.
Beckert Wm. & Son, 1003 E Ohio, North Side, Pittsburgh, Pa.
Blake J. M. & Son, Buffalo, N. Y.
Case J. I. Threshing Machine Co., Racine, Wis.
Cator Dump Wagon Co., Palmyra, N. Y.
Columbia Wagon Co. ("Susquehanna" Dump Bottom), Columbia, Pa.
Connellsville Iron Works (Steel Body), Connellsville, Pa.
Eagle Wagon Works, Auburn, N. Y.
Emerson-Brantingham Co. ("Newton"), Rockford, Ill.
Galion Iron Works & Mfg. Co., Galion, O.
Glen Wagon & Car Corp. ("Glen"), Cortland, N. Y.
Good Roads Machinery Co. ("National"), Fort Wayne, Ind.
Hamilton Smithing & Mfg. Co., Hamilton, O.
Henderson Wagon Works, Henderson, Ky.
Hill E. W. (Steel), 24 Pollock av, Jersey City, N. J.
Kentucky Wagon Mfg. Co. ("Old Hickory," "Tennessee"), Louisville, Ky.
Kramer Wagon Co. ("Oil City"), Oil City, Pa.
MacKinnon F. Mfg. Co. ("Steel King" Bottom Dump), Grand Rapids, Wis.
Milburn Wagon Co. ("Greater Pittsburgh"), Toledo, O.
Pekin Wagon Co., Pekin, Ill.
Pioneer Tractor Mfg. Co. (Traction), Winona, Minn.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Russell Grader Mfg. Co., 2005 Univ. av, S. E., Minneapolis, Minn.
Schuttler Peter Co., 2509 W 22d, Chicago, Ill.
Shadbolt Mfg. Co., 68 Flushing av, Brooklyn, N. Y.
Smith & Sons Mfg. Co. ("Royal"), Kansas City, Mo.
Streich A. & Bro. Co., Oshkosh, Wis.
Studebaker Bros. Co. of Cal., 413 Mission. San Francisco, Cal.
Studebaker Corp., South Bend, Ind.
Sweet B. F. & H. L. Co. ("Sweet's" Lumber Dumping). Fond du Lac, Wis.
Tiffin Wagon Co. (Steel Bucket & Bottom Dump), Tiffin, O.
Troy Wagon Works Co. ("Troy" Bottom Dump), 100 E Race, Troy, O.
Watson Wagon Co., Canastota N. Y.
Western Wheeled Scraper Co. ("Aurora"), Aurora, Ill.

16566— Wagons (Farm)

ALABAMA.

FLORENCE—Florence Wagon Co. ("Florence")

ARKANSAS.

FORT SMITH—Fort Smith Wagon Co. ("Fort Smith")

CALIFORNIA.

SAN FRANCISCO—Studebaker Bros. Co. of Cal., 413 Mission

GEORGIA.

AUGUSTA—Lowrey Wagon Works
EAST POINT—White Hickory Wagon Mfg. Co.
MACON—Williams Mfg. Co. (White Hickory)

ILLINOIS.

ABINGDON—Abingdon Wagon Co. ("Abingdon," "Clinton," "Sterling")
ALBION—Painter & Franklin ("Painter & Frank")
CHICAGO — International Harvester Company of America (Inc.) (Weber-Columbus), Harvester bldg
Schuttler Peter Co. ("Schuttler"), 2509 W 22d
MOLINE—Deere John Wagon Works
Moline Plow Co. ("Mandt")
OTTAW—King & Hamilton Co.
PEKIN—Pekin Wagon Co. ("Pekin," "New Ebbert," "New Smith")
QUINCY — ELECTRIC WHEEL CO. ("Electric"), Station D.
See adv index at end of book
ROCKFORD—Emerson-Brantingham Co. ("Newton," "Rock City")
SPRINGFIELD—Fetzer & Co.
Racine-Sattley Co.
STERLING—Bassett E. C.

INDIANA.

ANDERSON—Rhoads Samuel
CORYDON—Keller Mfg. Co. ("Corydon")
EVANSVILLE — Karges Wagon Co. ("Karges")
HUNTINGBURG — Huntingburg Wagon Works ("Huntingburg")
JEFFERSONVILLE — Holzbog G. H. & Bro.
LAFAYETTE—Indiana Wagon Co. ("Indiana," "O'Brien")
SOUTH BEND—Birdsell Mfg. Co. ("Birdsell")
Studebaker Corp. ("Studebaker")

IOWA.

DAVENPORT—Davenport Wagon Co.
DUBUQUE—Cooper A. A. Wagon & Buggy Co. ("Columbus," "Cooper")
FAIRFIELD—Turney Joel & Co. ("Charter Oak")
LANSING—Rud C. O. & Co. ("Rud")
PELLA—Buerkens Mfg. Co. ("Buerkens")

KENTUCKY.

HENDERSON—Henderson Wagon Works
HICKMAN—Hickman Wagon Co.
HOPKINSVILLE—Mogul Wagon Co.
LOUISVILLE—Brinly Hardy Co.
Kentucky Wagon Mfg. Co. ("Old Hickory," "Tennessee," "Kentucky")
OWENSBORO—Owensboro Wagon Co.

MARYLAND.

HAGERSTOWN—Hess Carriage Co.

MICHIGAN.

GRAND RAPIDS—Belknap Wagon Co.
HOLLY—Patterson Mfg. Co. ("Holly," "P B")
LANSING—Lansing Wagon Works
MOUNT CLEMENS—Donaldson Bros.

MINNESOTA.

LAKE CITY—Neal, Johns & Co. ("Lake City")
MINNEAPOLIS—Keller Mfg. Co. ("Keller"), 1325 N E Quincy
Lenhart Wagon Co. ("Lenhart"), 2600 University av S E
ST. PAUL—Anderson Co., 2324 University av
WINONA—Winona Wagon Co. ("Rushford," "Winona," "Minnesota")

MISSISSIPPI.

DURANT—Love Wagon Co.
LAUREL—Lindsay Wagon Co. ("Lindsay")

MISSOURI.

EDINA—Miller Wagon Co. ("Miller")
FARMINGTON—Lang & Bro. Mfg. & Merc. Co. ("Lang")
HANNIBAL—Hannibal Wagon Co.
KANSAS CITY — Beggs Wagon Co. ("Beggs")
ST. LOUIS—Gestring Wagon Co., 1718 N B'way
Linstroth Wagon Co. ("Linstroth," "Pride of St. Louis"), 2616 Chouteau av
Luedingnaus-Espenschied Wagon Co. ("Luedinghaus"), 1717 N B'way
Weber & Damme Wagon Co., 1619 N B'way
SPRINGFIELD—Springfield Wagon Co.

NEBRASKA.

OMAHA—Stroud & Co. ("Stroud")

NEW YORK.

HOLLAND—Tanner D. F.
HOOSICK FALLS—Wood Walter A. Mowing & Reaping Machine Co.
MORAVIA—Cady Geo. S. & Son ("Walker")
OLEAN—New Conklin Wagon Co.
OWEGO—Champion Wagon Co. ("Owego")

NORTH CAROLINA.

HICKORY—Piedmont Wagon & Mfg. Co.
WILSON—Hackney Wagon Co. ("Hickory")
WINSTON-SALEM—Nissen Geo. E. & Co.

OHIO.

CINCINNATI—Bode Wagon Co. ("Bode") 1655 Central av
DEFIANCE—Turnbull Wagon Co. ("Turnbull")
MARIETTA—Ohio Valley Wagon Co. ("Marietta")
TIFFIN—Tiffin Wagon Co. ("Tiffin")
TOLEDO—Milburn Wagon Co. ("Milburn")
TROY—Troy Wagon Works Co. ("Troy"), 100 East Race
ZANESVILLE—Brown Mfg. Co. ("Brown")

PENNSYLVANIA.

BROOKVILLE — Brookville Mfg. Co. ("Brookville")
COLUMBIA—Columbia Wagon Co. ("Columbian," "Eli")
ELIZABETHVILLE—Swab Wagon Co.
EMIGSVILLE—Acme Wagon Co. ("Little Gem," "Acme")
OIL CITY—Kramer Wagon Co. ("Kramer," "Oil City")

SOUTH DAKOTA.

SIOUX FALLS—Dakota Plow & Wagon Co. ("Queen City")

TENNESSEE.

CHATTANOOGA—Chattanooga Wagon Co. ("Chattanooga")
MEMPHIS—James & Graham Wagon Co. ("James & Graham")

TEXAS.

BRENHAM—Schuerenberg F. W. ("Schuerenberg")

VIRGINIA.

LYNCHBURG — Thornhill Wagon Co. ("Thornhill")
MARION—Look & Lincoln ("Look & Lincoln")
SOUTH BOSTON—Virginia Wagon Co.

WEST VIRGINIA.

MARTINSBURG—Auburn Wagon Co. ("Auburn," "New South")

WISCONSIN.

FOND DU LAC—Sweet B. F. & H. L. Co.
FORT ATKINSON—Northwestern Mfg. Co. ("Northwestern")
GRAND RAPIDS—MacKinnon F. Mfg. Co.
JEFFERSON—Vaughn Mfg. Co. ("Jefferson")
KENOSHA—Bain Wagon Co. (Ltd.) ("Bain")
LA CROSSE—Smith Mfg. Co. ("La Crosse," "Smith," "Pioneer")
OSHKOSH—Streich A. & Bro. Co. ("Streich")
RANDOLPH—Randolph Wagon Works
STOUGHTON—Mandt Wagon Co. ("Mandt," "Crescent")
Stoughton Wagon Co. ("New Stoughton")

16567—*Wagons (Farm, Electric)

ELECTRIC WHEEL CO., Station D, Quincy, Ill. *See adv index at end of book*

16568—Wagons (Freight, Teaming, Etc.)

Abresch Chas. Co., 398 4th, Milwaukee, Wis.
Akron-Selle Co., Akron, O.
Auburn Wagon Co., Martinsburg, W. Va.
Bain Wagon Co. (Heavy), Kenosha, Wis.
Clark J. L. Carriage Co., Oshkosh, Wis.
Dakota Plow & Wagon Co., Sioux Falls, S. D.
International Harvester Company of America (Inc.) (Weber-Columbus), Harvester bldg, Chicago, Ill.
Knapheide Henry Wagon Co., Quincy, Ill.
Leonhardt Wagon Mfg. Co., 417 E Saratoga, Baltimore, Md.
MacKinnon F. Mfg. Co., Grand Rapids, Wis.
Menasha Wood Split Pulley Co. ("Lawson"), Menasha, Wis.
Milburn Wagon Co., Toledo, O.
Owensboro Wagon Co., Owensboro, Ky.
Pekin Wagon Co., Pekin, Ill.
Racine-Sattley Co., Springfield, Ill.
Schuttler Peter Co., 2509 W 22d, Chicago, Ill.
Streich A. & Bro. Co., Oshkosh, Wis.
Stroud & Co., Omaha, Neb.
Studebaker Corp., South Bend, Ind.
Tiffin Wagon Co., Tiffin, O.
Troy Wagon Works Co. ("Troy"), 100 East Race, Troy, O.
White Hickory Wagon Mfg. Co., East Point, Ga.
Winona Wagon Co., Winona, Minn.
Woeber Car & Mfg. Co., Denver, Colo.

16569— Wagons (Fruit)

Acme Wagon Co., Emigsville, Pa.
MacKinnon F. Mfg. Co., Grand Rapids, Wis.
Milburn Wagon Co., Toledo, O.

16570— Wagons (Garbage)

Blake J. M. & Son, Buffalo, N. Y.
Columbia Wagon Co., Columbia, Pa.
Glen Wagon & Car Corp. ("Glen"), Cortland, N. Y.
Holzbog G. H. & Bro. (Odorless, all Steel), Jeffersonville, Ind.
Lee Loader & Body Co., 2343 So La Salle, Chicago, Ill.
Leonhardt Wagon Mfg. Co., 417 E Saratoga, Baltimore, Md.
Shadbolt Mfg. Co. (Dumping), 68 Flushing av, Brooklyn, N. Y.
Streich A. & Bro. Co., Oshkosh, Wis.
Studebaker Corp., South Bend, Ind.
Tiffin Wagon Co. (Steel Bucket Dumping Cart), Tiffin, O.
Troy Wagon Works Co. ("Troy"), 100 East Race, Troy, O.
Watson Wagon Co., Canastota, N. Y.

16571— Wagons (Goat)

Sheboygan Coaster & Wagon Works (Buckboard), Sheboygan, Wis.
White Hickory Wagon Mfg. Co., East Point, Ga.

16572— Wagons (Grading)

Glen Wagon & Car Corp. ("Glen"), Cortland, N. Y.
Watson Wagon Co., Canastota, N. Y.

16573— Wagons (Hardware)

Milburn Wagon Co., Toledo, O.
Studebaker Corp., South Bend, Ind.

16573a—*Wagons (Heavy Freighting)

ELECTRIC WHEEL CO., Station D, Quincy, Ill. *See adv index at end of book*

16574— Wagons (Hose)

See also Fire Engines, Motor

Northern Fire Apparatus Co., 2422 Univ. av, S E Minneapolis, Minn.
Pirsch Peter & Co. (Combination), Kenosha, Wis.
Seagrave Co., Columbus, O.
Stewart A. F., Rochester, N. Y.

16575— Wagons (Ice)

Abresch Chas. Co., 398 4th, Milwaukee, Wis.
Akron-Selle Co., Akron, O.
Clark J. L. Carriage Co., Oshkosh, Wis.
Hess Carriage Co., Hagerstown, Md.
Koening & Luhrs Wagon Co., Quincy, Ill.
Leonhardt Wagon Mfg. Co., 417 E Saratoga, Baltimore, Md.
Martin Carriage Works, York, Pa.
Milburn Wagon Co., Toledo, O.
Owensboro Wagon Co., Owensboro, Ky.
Streich A. & Bro. Co., Oshkosh, Wis.
Studebaker Corp., South Bend, Ind.
Winkler Grimm Corp., South Bend, Ind.

16576—Wagons (Larry Coke)

Atlas Car & Mfg. Co., Cleveland, O.
Niles Mine & Mill Supply Co., Cleveland, O.
Phillips Mine & Mill Supply Co., 2227 Jane, Pittsburgh, Pa.

16577— Wagons (Laundry)

Akron-Selle Co., Akron, O.
Armleder O. Co., 12th & Plum, Cincinnati, Ohio
Koening & Luhrs Wagon Co., Quincy, Ill.
Leonhardt Wagon Mfg. Co., 417 E Saratoga, Baltimore, Md.
Milburn Wagon Co., Toledo, O.
Woeber Car & Mfg. Co., Denver, Colo.

16578— Wagons (Logging)

Chattanooga Wagon Co., Chattanooga, Tenn.
ELECTRIC WHEEL CO., Station D, Quincy, Ill. *See adv index at end of book*
Florence Wagon Co., Florence, Ala
Fort Smith Wagon Co., Ft. Smith, Ark.
International Harvester Company of America (Inc.), Harvester bldg, Chicago, Ill.
Knapheide Henry Wagon Co., Quincy, Ill.
Lindsay Wagon Co. (Eight Wheels, etc), Laurel, Miss.
Luedinghous-Espenschied Wagon Co., 1717 N B'way, St. Louis, Mo.
Milburn Wagon Co., Toledo, O.
Mississippi Valley Mfg. Co., Quincy, Ill.
Nissen Geo. E. & Co., Wiston-Salem, N. C.
Owensboro Wagon Co., Owensboro, Ky.
Phoenix Mfg. Co., Eau Claire, Wis.
Schuttler Peter Co. 2509 W 22d, Chicago, Ill.
Schwartz Jos. Co., Ltd., 548 Baronne, New Orleans, La.
Springfield Wagon Co. ("Springfield"), Springfield, Mo.
Stroud & Co. ("Stroud"), Omaha, Neb.
Studebaker Corp., South Bend, Ind.
Tiffin Wagon Co., Tiffin, O.
Troy Wagon Works Co. ("Troy"), 100 E Race, Troy, O.
White Hickory Wagon Mfg. Co., East Point, Ga.

16579— Wagons (Lumber)

Blake J. M. & Son, Buffalo, N. Y.
Curtis & Co. Mfg. Co. (Steel Wheel Short Turn), 1571 Kienlen av, St. Louis, Mo.
Florence Wagon Co., Florence, Ala.
Fort Smith Wagon Co., Fort Smith, Ark.
Leonhardt Wagon Mfg. Co., 417 E Saratoga, Baltimore, Md.
Michigan Truck & Lumber Co., Holly, Mich.
Milburn Wagon Co., Toledo, O.
Pekin Wagon Co., Pekin, Ill.
Streich A. & Bro. Co. (Also Roll-Off Lumber Wagons), Oshkosh, Wis.
Stroud & Co. ("Stroud"), Omaha, Neb.
Sweet B. F. & H. L. Co. ("Sweet's" Patent Dumping), Fond du Lac, Wis.
White Hickory Wagon Mfg. Co., East Point, Ga.

16580— Wagons (Lunch)

Alliance Mfg. Co., Streator, Ill.
Hennigan J. G. E., Worcester, Mass.

16581— Wagons (Meter, Motor Driven)

General Vehicle Co. ("G-V" Electric), Long Island City, N. Y.

16582— Wagons (Milk)

Abresch Chas. Co., 398 4th, Milwaukee, Wis.
Burg L. Carriage Co., Dallas City, Ill.
Clark J. L. Carriage Co., Oshkosk, Wis.
Cooper A. A. Wagon & Buggy Co. (Low Down), Dubuque, Ia.
Greenberg Edward, Arlington Heights, Ill.
Hess Carriage Co., Hagerstown, Md.
Hoover Wagon Co., York, Pa.

WAGONS (MILK)—continued
Martin Carriage Works (Also Low Down), York, Pa.
Milburn Wagon Co., Toledo, O.
Moline Plow Co., Moline, Ill.
Northwestern Mfg. Co., Fort Atkinson, Wis.
Parsons Wagon Co. (Low Down), Earlville, N. Y.
Stoughton Wagon Co., Stoughton, Wis.
Studebaker Corp'n (Also Low Down), South Bend, Ind.
Tierney Patrick J., New Rochelle, N. Y.
Vaughn Mfg. Co., Jefferson, Wis.
Winkler Grimm Corp., South Bend, Ind.

16583— Wagons (Mountain)

Bain Wagon Co. (Ltd.), Kenosha, Wis.
Cooper A. A. Wagon & Buggy Co., Dubuque, Iowa
Deere John Plow Co., 2204 N B'way, St. Louis, Mo.
Deere John Wagon Works (Also One Horse), Moline, Ill.
Emerson-Brantingham Co. ("Newton"), Rockford, Ill.
Moline Plow Co., ("Mandt"), Moline, Ill.
Moon Jos. W. Buggy Co., Main & Douglass, St. Louis, Mo.
Staver Carriage Co., 76th & Wallace, Chicago, Ill.
Studebaker Corp., South Bend, Ind.
Velie Carriage Co., Moline, Ill.
Winona Carriage Co., Winona, Minn.

16584—Wagons (Oil & Pipe)

Abresch Chas. Co., 398 4th av, Milwaukee, Wis.
International Harvester Company of America (Inc.), Harvester bldg, Chicago, Ill.

16585—Wagons (Ore, Coal & Mining)

Akron Cultivator Co. (Steel), Akron, O.
Connelsville Machine & Car Supply Co. (Pit), Connelsville, Pa.
Honhorst Joseph Co. (Coal), 1016 W 6th, Cincinnati, O.
Milburn Wagon Co., Toledo, O.
Schuttler Peter Co. 2509 W 22d, Chicago, Ill.
Studebaker Corp., South Bend, Ind.
Turl Iron & Car Co., Inc., The, 50 Broad, New York. Works: Newburgh, N. Y.

16586— Wagons (Police & Fire Patrol)

Abresch Chas. Co., 398 4th, Milwaukee, Wis.
Fulton & Walker Co., 20th & Filbert, Phila., Pa.
Leonhardt Wagon Mfg. Co., 417 E Saratoga, Baltimore, Md.
Stewart A. F., Rochester, N. Y.
Studebaker Corp., South Bend, Ind.

16587— Wagons (Pump, Motor Driven)

General Vehicle Co. ("G. V." Electric), Long Island City, N. Y.

Wagons (Road Oiling)

See Road Oilers or Distributers

16588—Wagons (Rural Mail)

Burg L. Carriage Co., Dallas City, Ill.
Butler Co., Butler, Ind.
Clark J. L. Carriage Co., Oshkosh, Wis.
Cooper A. A. Wagon & Buggy Co., Dubuque, Ia.
Deere Jno. Plow Co., 2204 N B'way, St. Louis, Mo.
Lewis & Neville Mfg. Co., Goshen, Ind.
Martin Carriage Works, York, Pa.
Milburn Wagon Co., Toledo, O.
Studebaker Corp., South Bend, Ind.

Wagons (Scavenger)

See Wagons, Garbage

16589— Wagons (School)

Lewis & Neville Mfg. Co., Goshen, Ind.
Parry Mfg. Co., Indianapolis, Ind.

16590—Wagons (Self-Dumping)

Blake J. M. & Son, Buffalo, N. Y.
Watson Wagon Co., Canastota, N. Y.

16591—Wagons (Spreading & Haulage, Reversible)

Blake J. M. & Son, Buffalo, N. Y.
Buffalo-Pitts Co., Buffalo, N. Y.
Troy Wagon Works Co. (For Road Building), 100 E Race, Troy, Ohio
Universal Road Machinery Co., Kingston, N. Y.

16592— Wagons (Spring)

Acme Wagon Co., Emigsville, Pa.
Ames-Dean Carriage Co., Jackson, Mich.
Auburn Wagon Co., Martinsburg, W. Va.
Banner Buggy Co., 11th & Howard, St. Louis, Mo.
Brown Carriage Co., 1630 Gest, Cincinnati, Ohio
Burg L. Carriage Co., Dallas City, Ill.
Burlington Buggy Co., Burlington, Ia.
Clark J. L. Carriage Co., Oshkosh, Wis.
Columbia Wagon Co., Columbia, Pa.
Cooper A. A. Wagon & Buggy Co., Dubuque, Ia.
Deal Buggy Co., Jonesville, Mich.
Defiance Carriage Co., Defiance, O.
Delker Bros. Buggy Co., Henderson, Ky.
Durant-Dart Carriage Co., Flint, Mich.
Eckhart Carriage Co., Auburn, Ind.
Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.
Enger Frank J. Marion & Dalton av, Avon, Cincinnati, O.
Eureka Co., Rock Falls, Ill.
Fuller Buggy Co., Jackson, Mich.
Gay S. C. Co., Ottawa, Ill.
Kratzer Carriage Co., Des Moines, Ia.
Lansing Wagon Works, Lansing, Mich.
Lull Carriage Co., Kalamazoo, Mich.
Luth Carriage Co., 1911 W 8th, Cincinnati, O.
McFarlan Motor Co., Connersville, Ind.
Manley John D. Carriage Co., 1319 N 9th, St. Louis, Mo.
Martin Carriage Works, York, Pa.
Milburn Wagon Co., Toledo, O.
Miller Wagon Co., Edina, Mo.
Moline Plow Co. ("Henney"), Moline, Ill.
Moon Bros. Carriage Co., Gano & McKissock, St. Louis, Mo.
Moon Jos. W. Buggy Co., Main & Douglass, St. Louis, Mo.
Northwestern Mfg. Co., Fort Atkinson, Wis.
Noyes Carriage Co., Elkhart, Ind.
Parry Mfg. Co., Indianapolis, Ind.
Paterson W. A. Co., Flint, Mich.
Phoenix Carriage Co., 901 Evans, Cincinnati, O.
Prouty & Glass Carriage Co., Wayne, Mich.
Reliance Buggy Co., St. Louis, Mo.
Rex Buggy Co., Connersville, Ind.
Sechler D. M. Implement & Carriage Co., Moline, Ill.
Staver Carriage Co., 76th & Wallace, Chicago, Ill.
Stoughton Wagon Co., Stoughton, Wis.
Studebaker Corp'n, South Bend, Ind.
Swab Wagon Co., Elizabethville, Pa.
Tanner D. F., Holland, N. Y.
Trailmobile Co., 5th & Culvert, Cincinnati, Ohio
Velie Carriage Co., Moline, Ill.
Wayne Works, Richmond, Ind.
Winona Carriage Co., Winona, Minn.

16593— Wagons (Stave)

Strait H. N. Mfg. Co., Kansas City, Mo.

16594— Wagons (Steel)

Blake J. M. & Son, Buffalo, N. Y.
ELECTRIC WHEEL CO., Station D, Quincy, Ill. *See adv index at end of book*
International Harvester Co. of America (Inc.), Harvester bldg, Chicago
Litchfield Mfg. Co., Waterloo, Ia.
MacKinnon F. Mfg. Co. ("Steel King" Bottom Dump), Grand Rapids, Wis.
Shunk Plow Co. (Farm Wagons), Bucyrus, Ohio

16595— Wagons (Stone)

Blake J. M. & Son, Buffalo, N. Y.

Wagons (Stone Spreading)

See Wagons, Spreading & Reversible

16596— Wagons (Sugar)

Blymyer Iron Works Co., Cincinnati, O.
ELECTRIC WHEEL CO. (Also Sugar Cane Carts), Station D, Quincy, Ill.
See adv index at end of book
Leonhardt Wagon Mfg. Co., 417 E Saratoga, Baltimore, Md.
TURL IRON & CAR CO. (INC.) (THE.), 50 Broad, New York. Works: Newburgh, N. Y.

16597— Wagons (Tank)

Bollwerk H. & Bro. (Round & Square Tank), St. Louis, Mo.
Columbian Steel Tank Co. (Oil Delivery), New England bldg, Kansas City, Mo.
Littleford Bros., 444 E Pearl, Cincinnati, O.

16598— Wagons (Tea)

Bailie Basket Co., 82 Sudbury, Boston, Mass.
Haberkorn C. H. & Co., Brooklyn & 8th, Detroit, Mich.
Hand Made Furniture Shop, 426 Armour, Chicago, Ill.
Martin Carriage Works, York, Pa.
Mutual Mfg. Co., Dayton, O.
Orinoco Furniture Co., Columbus, Ind.
Rattan Mfg. Co., New Haven, Conn.
Schloss E. & Co., Grand & E River, New York
Western Fibre Reed Co., Chicago, Ill.

16599— Wagons (Tower)

Chase Motor Truck Co. ("Chase," Gasoline), Syracuse, N. Y.
General Motors Truck Co., Pontiac, Mich.
General Vehicle Co. ("G-V" Electric), Long Island City, N. Y.
Leonhardt Wagon Mfg. Co. ("Leonhardt" Revolving), 417 E Saratoga, Baltimore, Md.
McCardell & Co., Trenton, N. J.
Milburn Wagon Co., 31 Monroe av, Toledo, O.

16600— Wagons (Trolley)

Briggs Carriage Co., Amesbury, Mass.
Leonhardt Wagon Mfg. Co., 417 E Saratoga, Baltimore, Md.
McCardell J. R. & Co. ("Trenton"), Trenton, N. J.
Milburn Wagon Co., Toledo, O.

Wagons (Trolley Line Repair, Etc.)

See Wagons, Tower

16601-2—Wagons (Turpentine)

White Hickory Wagon Mfg. Co., East Point, Ga.

16603—Wagons (Wire Nail)

Howe Scale Co., Rutland, Vt.

16604— Walkers (Baby)

Baker J. R. & Sons Co., Kendallville, Ind.
Glascock Bros. Mfg. Co, Muncie, Ind.
Steinfeld Bros., 116 W 22d, New York
Tothill W. S., 1815 Webster av, Chicago, Ill.
Uhlen Carriage Co., Rochester, N. Y.

16605— Wall Boards

See also Plaster Boards, Slabs, etc.

Beaver Co., 956 Beaver rd, Buffalo, N. Y.
Bird & Son ("Neponset"), East Walpole, Mass.
Bishopric Mfg. Co. ("Bishopric," Stucco or Plaster Boards), 1453 Este av, Cincinnati, O.
Carey Philip Mfg. Co. ("Ceil-Board"), 330 Wayne av, Lockland, Cincinnati, O.
Compo-Board Co., Minneapolis, Minn.
Cornell Wood Products Co., 175 W Jackson blvd, Chicago, Ill.
EDWARDS MFG. CO. 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Garden City Sand Co., Chamber of Comm. bldg, Chicago, Ill.
Heppes-Nelson Roofing Co. ("Utility" Fibrous, Waterproof), 4500 Fillmore, Chicago Ill.

Hoff John D. Asbestos Co. ("Hoffite Asbestos"), Monadnock bldg, San Francisco. Cal.
Kramig R. E. & Co., 8th & Eggleston av, Cincinnati, O.
MacAndrews & Forbes Co. ("Fibertic"), 200 5th av, New York
McGarvey Ulrick A., Phelan bldg, San Francisco, Cal.
Mueller Lumber Co., Davenport, Ia.
Northwestern Compo Board Co. ("Compo Board"), 44th av & Lyndl, Minneapolis, Minn.
Pantasote Co. ("Homasote"), 11 Broadway, New York
Paraffine Companies Inc., San Francisco, Cal.
Plastergon Wall Board Co. (Treated Wood Fibre), 1 Philadelphia av, Buffalo, N. Y.
Roberds Mfg. Co., Marion, Ind.
Rockford Paper Box Board Co., Rockford, Ill.
Sackett Plaster Board Co. ("Sackett's"), 1170 B'way, New York
United States Gypsum Co. ("Sheetrack," "Adamant"), 205 W. Monroe, Chicago, Ill.
Upson Co. ("Upson Processed"), Lockport, N. Y.
Wright-Barrett & Stilwell Co. ("Wright's" Indestructible), N E cor University & Hampden avs, St. Paul, Minn.

Wall Burlaps & Canvas

See Wall Coverings

Wall Coping Mfrs.

See Pipe, Sewer; also Terra Cotta, Architectural

16606— Wall Coverings

Beck Fr. & Co. ("Lincrusta Walton"), 281 5th av, New York
Chase L. C. & Co. ("Chase Leatherwove" Leather Substitute), 89 Franklin, Boston, Mass. *See adv index at end of book*
Cook's Linoleum Co., Trenton, N. J.
Cott-a-lap Co., Somerville, N. J.
Embossed Wall Covering Co. ("Unitas" Tiling), 880 N 48th, Phila., Pa.
Fiberlic Co., Camden, N. J.
Grimond J. & A. D., Ltd. (H. N. Gildea, Agent) (Burlaps), 320 B'way, New York
Lloyd W. H. S. Co., 105 W 40th, New York
Richter Mfg. Co. ("Tapestrolea" Burlaps & Canvas), Tenafly, N. J.
Standard Oil Cloth Co. ("Sanitas" Washable), 320 B'way, New York
Wiggins H. B. Sons Co. ("Fab-Ri-Ko-Na"), Bloomfield, N. J.

16607— Wall Finish

Adams & Elting Co. ("Naples Velvet Finish" Washable), 726 Washington blvd, Chicago, Ill.
Alabastine Co. ("Alabastine"), Grand Rapids, Mich.
American Soapstone Finish Co. (Soapstone), Chester Depot, Vt.
Anti-Kalsomine Co. ("Gypsine"), Grand Rapids, Mich.
Arlington Mfg. Co. ("Richtone"), Canton, Ohio
Boydell Bros. White Lead & Color Co. ("Sotone," "Washable," for Walls, Radiators, Ceilings, Wood, Metal, etc), Detroit, Mich.
Cardiff Gypsum Plaster Co. ("Kalloite"), Fort Dodge, Iowa
FOX M. EWING CO. ("Muralite" & "Calcitine"), 241 E 136th New York
See advt. under Paint Mfrs. & index at end of book
Hockaday Co., 1831 Carroll, Chicago, Ill.
Keystone Plaster Co. (Hard White & Sand Finish), Chester, Pa.
Lawrence W. W. & Co. ("Law-Re-Mo" Cold Water & Dresden Flat Finish), W Carson, Pittsburgh, Pa.
Manhattan Color Works ("Fres-Ko-Kote"), 1035 Kelly, New York
Moore Benjamin & Co. ("Muresco"), 231 Front, Brooklyn, N Y.
Muralo Company ("Calcino"), Richmond Terrace, New Brighton, Boro. of Richmond, N. Y.
National Mortar & Supply Co., 2d Nat'l Bank bldg, Pittsburgh, Pa.
Ohio & Western Lime Co. ("Lion" Brand Rock Wall Finish), Huntington, Ind.
Pierce F. O. Co. ("Sancota," "Pieresco"), 10 E. 43d, New York
St. Paul White Lead & Oil Co. ("Lion"), Water & Starkey, St. Paul, Minn.
Standard Varnish Works ("Flattine"), 90 West, New York
Tropical Paint & Oil Co. ("Tocotone," "Toconamel"), W 70th, Cleveland, O.
Troy Cold Water Kalsomine Co., Troy, N. Y.
United States Gypsum Co. ("Adamant," "Imperial," "Ivory," "Granite," "Rock," "Alabaster," "Universal," "Silico"), 205 W Monroe, Chicago, Ill.
Wasem Plaster Co. ("Monarch"), Ft. Dodge, Ia.
Woodville Lime Products Co. (White Enamel), Toledo, O.
Yarnall Paint Co. ("Marbloid," Washable), 1026 Race, Phila., Pa.

16608— Wall Finish (Imitation Stone)

United States Gypsum Co. (Caen Stone), 205 W Monroe, Chicago, Ill.

16609—Wall Paper (Fire-Proof)

Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa. Works: Valley Forge, Pa.

16610— Wall Paper Mfrs.

Allen Higgins Wall Paper Co. ("Vogue"), Worcester, Mass.
Art Wall Paper Mills, 2414 W 21st, Chicago, Ill.
Audebert Wall Paper Mill, 1807 Foster av, Chicago, Ill.
Baeck Wall Paper Co., 233 37th, Brooklyn, N. Y.
Bailey Wall Paper Co., 1915 W 96th, Cleveland, O.
Barnes Rudolph & Co., York, Pa.
Becker, Smith & Page, (Inc.), Snyder av & Water, Phila., Pa.
Birge M. H. & Sons Co., Buffalo, N. Y.
Bosch Henry Co., 485 5th av, New York
Campbell Wm. Wall Paper Co., Hackensack, N. J.
Carey Bros. Wall Paper Mfg. Co., 1023 Filbert, Phila., Pa.
Chicago Wall Paper Mill, Steubenville, O.
Cott-a-lap Co., Somerville, N. J.
Gilbert Wall Paper Co., York, Pa.
Gledhill Wall Paper Co., 541 W 34th, New York
Graves Robert Co., 169 Madison av, New York
Hamilton Wall Paper Co., Wayside av, Jersey City, N. J.
Imperial Wall Paper Co., Glens Falls, N. Y.
Janeway & Carpenter, New Brunswick, N. J.
Joliet Wall Paper Mills, Joliet, Ill.
Kayser & Allman, 1522 Chestnut, Phila., Pa.
Lloyd W. H. S. Co. (Imp.), 105 W 40th, New York
Mairs W. H. & Co., 68 Sackett, B'klyn, N. Y.
Peats Alfred Co., 41 W 14th, New York
Pittsburgh Wall Paper Co., New Brighton, Pa.
Quaker City Wall Paper Co., E Thompson & E Westmoreland, Phila., Pa.
Rose Richard, Beverly, N. J.
Sears, Roebuck & Co. (Wall Paper Mill), 1020 S Spaulding av, Chicago, Ill.
Standard Wall Paper Co., Hudson Falls, N. Y.
Star-Peerless Wall Paper Mills, Joliet, Ill.
Strahan Thos. Co., Chelsea, Mass.
Sun Wall Paper Mfg. Co., Reading, Pa.
Thibaut Richard E. (Job), 153 Madison av, New York
Thomas Jacob Co., Newark, Del.
Vornhold Wall Paper Co., Tioga & Memphis, Phila., Pa.
Wallace Wall Paper Co., Cortland, N. Y.
York Card & Paper Co., York, Pa.
York Wall Paper Co., York, Pa.

16611—Wallets (Bank Messengers')

Bates Bros. Co., Athol, Mass.
Boston Pocket Book Co., 169 Massachusetts av, Boston, Mass.

16612— *Wands (Calisthenic)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

16612a—Wardrobes (Clothing)

Evans W. L. (Vanishing Doors), Washington, Ind.
Grand Rapids Show Case Co. ("New Way Crystal" Wood), Grand Rapids, Mich.
Himmel M. L. & Son ("Brilliant Ideal"), 109 N Frederick av, Baltimore, Md.

16613— Wardrobes (Office)

Art Metal Construction Co., Jamestown, N. Y.
DAHLSTROM METALLIC DOOR CO., (Artistically finished, Rodent, & Fireproof), 35 Blackstone av, Jamestown, N. Y. *See adv index at end of book*
Dexter Metal Mfg. Co. (Steel), 93 Arch, Camden, N. J.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Fox Electrical Corpn., 119 W. 42d, New York
Hofman John Co., Rochester, N. Y.
Sargent Mfg. Co., Muskegon, Mich.

16614—*Wardrobes (Steel, Fireproof)

DAHLSTROM METALLIC DOOR CO., 35 Blackstone, Jamestown, N. Y.
See adv index at end of book
Dexter Metal Mfg. Co. (Steel), 93 Arch, Camden, N. J.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book

16615— Wardrobes (Ventilated, School & Hotel)

See also Lockers, Metallic

Dexter Metal Mfg. Co. (Steel), 93 Arch, Camden, N. J.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Grant Pulley & Hardware Co., 101 Park av, New York
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Terrell's Equipment Co., Broadway, Grand Rapids, Mich.
Wilson J. G. Corp'n, The Chief Office: 8 W 40th, New York. Mills and Factory, Norfolk, Va.

16615a—*Warehouse Trucks

See also Trucks (Warehouse)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

16616—Warmers (Milk, Electric)

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

16617—Warmers (Plate, for Hotels, Etc.)

Hutchinson Bros., 5 So Howard, Baltimore, Md.
Prometheus Electric Co. (Electric), 511 W 42d, New York
Sexton S. B. Stove & Mfg. Co. (Gas), 500 Block W Conway, Baltimore, Md.

16617a— *Wash Trays

Stanley Works, New Britain, Conn.
See adv index at end of book

Wash Trays (Porcelain)

See Bath Tubs, Porcelain

16618— Washboard Mfrs.

Ashboro Wheelbarrow Co., Ashboro, N. C.
Ault Wooden Ware Co., Cincinnati, O.
Austell Swing & Ladder Co., Austell, Ga.
Burdett Mfg. Co., Kansas City, Mo.
Carolina Washboard Co., Raleigh, N. C.
Cupples Sam'l Woodenware Co., 7th & Spruce, St. Louis, Mo.
Haysler Mfg. Co. (Solid Metal Galvanized Iron), Clinton, Mo.
Highland Glass Co. (Glass), Washington, Pa.

WASHBOARD MANUFACTURERS—c't'd.

Hooper F. E. & Son, Biddeford, Me.
Ideal Sad-Iron Mfg. Co., Cleveland, O.
Lawn John A. ("Easy-Lask"), Lewistown, Pa.
Manhattan Washboard Co. (Glass, Zinc, Coated Steel & Galvanized), 323 Pearl, New York
Marietta Mfg. Co. (Glass), Indianapolis, Ind.
Mississippi Glass Co. (Glass), 220 5th av New York
National Washboard Co. ("Northern Queen," "Brass King," "Town Talk," "Red Cross," "Peerless," "Dawn Protector," "Red Star," "Reliable Metal," "Glass King," "White Hen" Glass), 72 W Adams, Chicago, Ill.
Saginaw Mfg. Co., Saginaw, Mich.
Wabash Screen Door Co., 72 W Adams, Chicago, Ill.
Wayne Mfg. Co. ("Wayne"), 124 Sidney, St. Louis, Mo.

16619—Washbowls (Sanitary)

Gaylord Sanitary Mfg. Co., Rochester, N. Y.
General Ceramics Co. ("Phoenix" Porcelain), 50 Church, New York
Maddock's Thos. Sons Co., Trenton, N. J.
Manufacturing Equipment & Engineering Co. ("Meeco" Enameled, Galvanized or Plain Iron for Factories), 136 Federal, Boston, Mass.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.

16619a—Washer-Scalders (Tomato & Fruit)

JEFFREY MFG. CO., 961 N 4th, Columbus, O. *See adv index at end of book*

16620— Washers (Air)

Am. Spray Co., 25 Church, New York
Bentz Harry Engineering Co., Inc., 90 West, New York
Bicalky Fan Co. ("Bicalky"), Buffalo, N. Y.
Braemer Air Conditioning Corp., Lafayette bldg., Phila, Pa.
Carrier Engg. Corpn., 39 Cortlandt, New York
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Iroquois Engineering Co. ("Acme"), 343 S Dearborn, Chicago, Ill.
Narowetz Heating & Ventg. Co. ("Little Niagara"), 225 W Lake, Chicago, Ill.
New York Blower Co. ("Peerless"), Archer av & Canal, Chicago, Ill.
Spray Engineering Co. (& Coolers), 93 Federal, Boston, Mass.
Sturtevant B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass. *See adv index at end of book*
Webster Warren & Co., Camden, N. J.
Zellweger J. & Sons, St. Louis, Mo.

16621—Washers (Air Brake)

Boston Belting Corp., 84 Linden Park, Boston, Mass.
Bound Brook Oil-Less Bearing Co. ("Bound Brook"), "Nigrum" Oiless, Bound Brook, N. J.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.
N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
Pennsylvania Rubber Co., Jeannette, Pa.
Schacht Rubber Mfg. Co., Huntington, Ind.
WESTINGHOUSE AIR BRAKE CO., Pittsburgh, Pa.

16622—*Washers (Aluminum)

Aluminum Ware Mfr. Co., Inc., Elmira, N. Y.
Cleveland Wrought Products Co., W 58th St. & W. & L. E. Belt Line, Cleveland, Ohio
ERDLE PERFORATING CO., 181 York, Rochester, N. Y. *See adv index at end of book*
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill. *See adv index at end of book*

16623— Washers (Axle)

Arguto Oilless Bearing Co. ("Arguto"), Wayne Junction, Phila., Pa.
Bardall J. C. Co. (Coiled Leather), Moundsville, W. Va.
Bound Brook Oil Co. ("Bound Brook"-Less Bearing, "Nigrum" Oilless), Bound Brook, N. J.
Cleveland Wrought Products Co., W 58th & W. L. E. Belt Line, Cleveland, O.
Diamond Whip Co. (Coiled Leather), 406 N Curtis, Chicago, Ill.
Fernald Mfg. Co. (Coil & Solid), North East, Pa.
Harsh-Miller Mfg. Co. (Coil, for Carriages, etc), Wabash, Ind.
McCarthy T. F., 255 A, So Boston, Mass.
Wrought Washer Mfg. Co., Milwaukee, Wis.

16624-5—Washers (Basket)

Power Mfg. Co., Elm & Commerce, Cincinnati, O.
Wrought Washer Mfg. Co., Milwaukee, Wis.

16626—Washers (Bone & Fat)

Brecht Co. (Wire Mesh Cylinder), 1201 Cass av. St. Louis, Mo.

16627—Washers (Brass & Copper)

Akron Metallic Gasket Co., 142 N Union, Akron, O. *See adv index at end of book*
AMERICAN BRASS CO., Waterbury, Conn. *For branch offices see adv index at end of book*
BARNES THE WALLACE CO. ("Barnes-Made" Spring), 18 Wallace, Bristol, Conn. *See adv index at end of book*
Bettcher Mfg. Co., 6120 Clark av, S W, Cleveland, O.
Brass Goods Mfg. Co., 533 Union, Brooklyn, N. Y.
Bridgeport Brass Co., Bridgeport, Conn.
Chicago Nut Co., 2513 W 20th, Chicago, Ill.
Continental Electric Co., 1883 Park av, New York
Erdle Perforating Co., 181 York, Rochester, N. Y. *See adv index at end of book*
Falls Rivet Co., Kent, Ohio
GASKET SUPPLY CO. ("Right" Brass, Copper, Steel, Tin, Zinc, Rubber, etc. Also Bronze), 1927 Ludlow, Phila., Pa. *See adv index at end of book*
Gaynor Mfg. Co. (Brass for Steam Gas & Water Fittings), Bridgeport, Conn.
Goetze Gasket & Packing Co., New Brunswick, N. J.
Grammes L. F. & Sons, Allentown, Pa. *See adv index at end of book*
Guillot Metal Gasket & Supply Co., 24 S Clinton, Chicago, Ill. *See adv index at end of book*
Harry Bros. Mfg. Co., 282 Woodbridge, E Detroit, Mich.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hill Geo. Q. Co. (Brass), Framingham, Mass.
Hill-Smith Metal Goods Co. (Copper), 88 Pearl, Boston, Mass.
Hobbs Mfg. Co. ("American Wire"), Worcester, Mass.
Humphrey H. W., Unionville, Conn
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York
Hussey C. G. & Co. (Copper Only), 2850 2d av, Pittsburgh, Pa.
Kales-Haskel Co., 443 Lafayette, W Detroit, Mich.

STEEL, BRASS AND COPPER
WASHERS
Standard and Special Sizes
Quick Deliveries. Try us
Massachusetts Machine Shop, Inc.
Worcester, Mass.

Nelson Tool Co., Inc., 782 E. 142d, New York *See adv index at end of book*
North Penn Washer Co., Drexel bldg, Phila., Pa.
Pheoll Mfg. Co., 3700 W 12th, Chicago, Ill.
Plume & Atwood Mfg. Co., Waterbury, Conn.
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill. *See adv index at end of book*
Read A. P. Co., 568 W Washington, Chicago, Ill.
Rome Brass & Copper Co., Rome, N. Y.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Stimpson Edw. B. Co. (Also Bronze & Aluminum), 68 Franklin av, Brooklyn, N. Y.
U. S. Indestructible Gasket Co., Church & Fulton, New York *See adv index at end of book*

WE MAKE SPECIAL SIZE **WASHERS** IN ANY QUANTITY METAL OR FIBER
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213-221 West Grand Ave., Chicago, U. S. A.

REARWIN SPIRAL EMERY DRESSER CUTTER

Waterbury Mfg. Co. (Brass), Waterbury, Conn.
Worcester Stamped Metal Co., 9 Hunt, Worcester, Mass.
Wrought Washer Mfg. Co. (Brass), Milwaukee, Wis.
W. & S. Mfg. Co., Worcester, Mass.

Washers (Car Box)

See Washers, Fibre, etc

16628—Washers (Cast Iron)

Bayonne Bolt & Nut Co., Bayonne, N. J.
Bethlehem Steel Co., So Bethlehem, Pa.
Buchanan Foundry Co., Lebanon, Pa.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
Cheney S. & Son, Manlius, N. Y.
Columbus Bolt Works Co., Columbus, O.
Davies & Thomas Co., Catasauqua, Pa.
Decatur Cornice & Roofing Co., New Decatur, Ala.
Devine J. P. Co., Buffalo, N. Y.
Drummond Mfg. Co., Louisville, Ky.
Empire Galvanizing Co., 2507 E Cumberland, Phila., Pa.
Etna Foundry Co., Etna, Pa.
Falls Rivet Co., Kent, O.
Hampton Mfg. Co., Hampton, Va
Harkins T. B. Foundry Co., Bristol, Pa.
Harry L. C. Co., 114 Liberty, New York
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Indiana Foundry Co., Indiana, Pa.
Iron City Foundry Co., Lebanon, Pa.
Keagy & Lear Machine Co., Coshocton, O.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Los Angeles Foundry Co., Los Angeles, Cal.
Lummus Walter E. Co., 173 Milk, Boston, Mass.
McDowell Foundry Co., Chicago Heights, Ill.
Milton Mfg. Co., Milton, Pa.
Moran Bolt & Nut Mfg. Co. 1st & Florida, St. Louis, Mo.
National Bolt & Nut Co., Pittsburgh, Pa.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Payne's Bolt Works, 133 Howard, San Francisco, Cal.
Phoenix Specialty Mfg. Co., 48 Duane, New York
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Price-Evans Foundry Co., Chattanooga, Tenn.
Read A. P. Co., 568 W Washington, Chicago, Ill.
Republic Mfg. Co., Milwaukee, Wis.
Roanoke Iron & Bridge Works, Roanoke, Va.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
South Bend Foundry Co., South Bend, Ind.
Western Foundry & Sash Weight Co., 2d & Miller, St. Louis, Mo.
Western Iron & Foundry Co., Wichita, Kan.
Wrought Washer **Mfg. Co., Milwaukee, Wis.**

16629— Washers (Caster)

National Fibre & Insulation Co., Yorklyn, Del.
Spaulding J. & Sons Co. (Hard Fibre), P. O. Box 52, Tonawanda, N. Y.
See adv index at end of book

16629a— Washers (Chemical)

Bethlehem Steel Co., South Bethlehem, Pa.
Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Devine J. P. Co., Buffalo, N. Y.
Lummus Walter E. Co. (Cast Iron, Lead, Lined or Steel Plate), 173 Milk, Boston, Mass.

16630— Washers (Cork)

Armstrong Cork Co. (Natural Cork, "Acco," "Suberit," "Acme," "Rubber Cork," "Linoleum"), 24th & A. V. R. R., Pittsburgh, Pa.
Bond Bottle Sealing Co., 501 Monroe, Wilmington, Del.
GASKET SUPPLY CO. ("Right" All Shapes & Sizes; Automobile Shapes a Specialty), 1927 Ludlow, Phila., Pa.
See adv index at end of book
Silver Crown Cork Co., 1457 Broadway, New York
U. S. Indestructible Gasket Co., Church & Fulton, New York
See adv index at end of book

16630a—*Washers (Countersink)

Massachusetts Machine Shop (Inc.), Worcester, Mass. ***See adv index at end of book***
Quadriga Mfg. & Spec. Co. (For Flat Head Screw), 213 W Grand av, Chicago, Ill.
See adv index at end of book

16631— *Washers (Elastic)

Standard Fibre Co. (Flexible Fibre), Miller, Somerville, Mass.

16632— Washers (Felt)

Bacon Felt Co. ("Bacon"), Winchester, Mass.
Barwood L. J. Co. ("Barwood"), Stoneham Station, Boston, Mass.
See adv index at end of book
Booth Felt Co. Inc., 440 19th, B'klyn, N. Y.
Braunsdorf George W., 430 E 53d, New York
Brawley T. R., 85 Adams, Brooklyn, N. Y.
Field R. B. & Co. ("Fieldco"), Worcester, Mass.
GASKET SUPPLY CO. ("Right" for Automobile Use), 1927 Ludlow, Phila., Pa.
See adv index at end of book
House Chas. W. & Sons, Unionville, Conn.
McCarthy T. F., 255 A, So Boston, Mass.
Marston I. G. & Co., 226 Ruggles, Boston, Mass.
Star Felt Cutting Co., 260 69th, Brooklyn, N. Y.
Tingue, Brown & Co., 118 E 25th, New York

16633— Washers (Fibre)

See also Fibre, Hard

American Vulcanized Fibre Co. (Vulcanized for Cock, Spigot, Tap, etc), 504 Equitable bldg, Wilmington, Del.
Arguto Oilless Bearing Co. ("Arguto"), Wayne Junction, Phila., Pa.
Barwood L. J. Co. ("Barwood"), Stoneham Station, Boston, Mass.
See adv index at end of book
Bettcher Mfg. Co., 6120 Clark av, S W, Cleveland, O.
Bound Brook Oil-Less Bearing Co. ("Nigrum" Oilless), Bound Brook, N. J.
Brandywine Fibre Products Co., East Wilmington, Del.
Braunsdorf Geo. W., 40 E 53d, New York
Cleveland Wrought Products Co., W 58th & W. L. E. Belt Line, Cleveland, O.
Continental Fibre Co. ("Bakelite-Dilecto," & Vulcanized Fibre & "Continental-Bakelite" for All Purposes), Newark Centre, Del.
DELAWARE HARD FIBRE CO. (Cock, Spigot, Tap, etc), Wilmington, Del. Works: Marshallton, Del.
See adv index at end of book
Diamond State Fibre Co. (For All Purposes), Elsmere, Del.
Fibre Finishing Co., 117 Lincoln, Boston, Mass.
Field R. B. & Co. ("Fieldco"), Worcester, Mass.
GASKET SUPPLY CO. ("Right" Hard & Soft Fibre for Every Purpose), 1927 Ludlow, Phila., Pa.
See adv index at end of book
Goepel C. F. & Co., 137 E 13th, New York
Leatheroid Mfg. Co., 121 Beach, Boston, Mass.
National Fibre & Insulation Co., Yorklyn, Del.
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill.
See adv index at end of book
SPAULDING J. & SONS CO. (Hard Fibre), P. O. Box 52, Tonawanda, N. Y. *See adv index at end of book*
Standard Fibre Co., Miller, Somerville, Mass.
WILMINGTON FIBRE SPECIALTY CO., Wilmington, Del.
See adv index at end of book
Worcester Stamped Metal Co., Worcester, Mass.

16634— Washers (Friction)

Arguto Oilless Bearing Co. ("Arguto"), Wayne Junction, Phila., Pa.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book

16635—Washers (Galvanized)

Bettcher Mfg. Co., 6120 Clark av, S W, Cleveland, O.
Empire Galvanizing Co., 2507 E Cumberland, Phila., Pa.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
National Bolt & Nut Co., Pittsburgh, Pa.
Nicetown Plate Washer Co., 1324 Juniata, Phila., Pa.
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill.
See adv index at end of book
Stanley Works, New Britain, Conn.
See adv index at end of book
Wrought Washer Mfg. Co., Milwaukee, Wis.

Washers (Gas)

See Purifiers & Scrubbers, Gas

16636— Washers (Insulating)

American Vulcanized Fibre Co., 504 Equitable bldg, Wilmington, Del.
Arguto Oilless Bearing Co. ("Arguto"), Wayne Junction, Phila., Pa.
Barwood L. J. Co. ("Barwood"), Stoneham Station, Boston, Mass.
See adv index at end of book
Continental Fibre Co. (Vulcanized Fibre & "Continental-Bakelite" & "Bakelite-Dilecto"), Newark Centre, Del.
DELAWARE HARD FIBRE CO., Wilmington, Del. Works. Marshallton, Del. *See adv index at end of book*
Diamond State Fibre Co., Elsmere, Del.
Fox Jno. M. & Co. ("Fibrine"), Portland, Me.
Gasket Supply Co., 1927 Ludlow, Phila., Pa. *See adv index at end of book*
Johns H. W.-Manville Co. ("J-M," "Vulcabeston"), Madison av & 41st, New York
Leatheroid Mfg. Co., 121 Beach, Boston, Mass.
Meirowsky Bros., 106 Broadway, Jersey City, N. J.
Mica Insulator Co. ("Micanite"), 68 Church, New York
Morley Mfg. Co. ("Milonite," "Perfection," Nails), 120 Boylston, Boston, Mass.
National Fibre & Insulation Co., Yorklyn, Del.
Parker & Hafner, Williamsport, Pa.
QUADRIGA MFG. & SPECIALTY CO. (Fibre), 213 W Grand av, Chicago, Ill.
See adv index at end of book
Rhode Island Washer Co., Valley Falls, R. I.
Salem Leather Co., Salem, Mass.
Schoonmaker Adrian O., 88 Park pl, New York
Spaulding J. & Sons Co. (Fibre), P. O. Box 52, Tonawanda, N. Y.
See adv index at end of book
Standard Fibre Co., Miller st, Somerville, **Mass.**
WILMINGTON FIBRE SPECIALTY CO., Wilmington, Del.
See adv index at end of book

16637—Washers (Iron & Steel)

Allegheny Steel Co. (Round & Square Steel Plate Washers for Axle, Draft Pin, etc), Oliver bldg, Pittsburgh, Pa. Works: Brackenridge, Pa.
American Bolt Co., Birmingham, Ala.
American Bridge Co., 30 Church, New York
American Equipment Co., Norristown, Pa.
American Iron & Steel Mfg. Co., Lebanon, Pa.
American Nut & Bolt Fastener Co. (Wrought Iron & Steel), Ontario & Doerr, Pittsburgh, Pa.

WASHERS (IRON & STEEL)—continued

Armstrong & Parker, Bath & North, Baltimore, Md.
BARNES THE WALLACE CO. ("Barnes-Made" Tempered Steel), 18 Wallace, Bristol, Conn.
See adv index at end of book
Bayonne Bolt & Nut Co., Bayonne, N. J.
Beall Bros., Alton, Ill.
Bethlehem Steel Co., So Bethlehem, Pa.
Bettcher Mfg. Co., 6120 Clark av, S W, Cleveland, O.
Clark A. N. & Son, Plainville, Conn.
Clark Bros. Bolt Co., Milldale, Conn.
See adv index at end of book
Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, O.
Cobb & Drew (Small), Plymouth, Mass.
Columbus Bolt Works Co., Columbus, O.
Corbin Screw Corporation, New Britain, Conn.
Eastern Bolt & Nut Co., E Providence, Providence, R. I.
Erdle Perforating Co., 181 York, Rochester, N. Y. *See adv index at end of book*
Erie Forge Co., Erie, Pa.
GASKET SUPPLY CO. (Round & Square), 1927 Ludlow, Phila., Pa.
See adv index at end of book
Graham Nut Co., 1317 W Carson, Pittsburgh, Pa.
Grammes L. F. & Sons. Allentown, Pa.
See adv index at end of book
Greenlie, Wyatt & Co., 499 Water, New York
Griffin Mfg. Co. (Wrought), Erie, Pa.
Hager C. & Sons Hinge Mfg. Co., (Wrought Steel), St. Louis, Mo.
Hall's Sam'l Sons, 229 W 10th, New York
Harry Bros. Mfg. Co. (Steel Only), 282 Woodbridge, E Detroit, Mich.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hill Geo. Q. Co., Framingham, Mass.
Hitner's Henry A. Sons Co., Huntington & Aramingo av, Phila., Pa.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Humphrey H. W., Unionville, Conn.
Joliet Wrought Washer Co., Joliet, Ill.
Judson Mfg. Co., 819 Folsom, San Francisco, Cal.
Kales-Haskel Co., 443 Lafayette, W Detroit, Mich.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lanman E. B. Co., 80 E Jackson blvd, Chicago, Ill.
Lanz M. & Sons (Square & Round), 2907 Carson, Pittsburgh, Pa.
Larkin J. K. & Co. (Cast Iron), 34 Reade, New York *See adv index at end of book*
Lebanon Valley Iron & Steel Co. (Plate Washers), Lebanon, Pa.
McKinney Mfg. Co. (Steel), N S, Pittsburgh, Pa.
Mansfield Lock Washer Co., Mansfield, O.
Maryland Bolt Co., Continental bldg, Baltimore, Md.
Massachusetts Machine Shop (Inc.) (Steel), Worcester, Mass.
See adv index at end of book
Meyer & Co., Throopsville, N. Y.
Milton Mfg. Co., Milton, Pa.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Bolt & Nut Co., Pittsburgh, Pa.
National Mfg. Co. (Wrought Steel), Sterling, Ill.
New Castle Steel & Iron Co. (Wrought), Pittsburgh, Pa.
New England Bolt Co., Everett, Mass.
Nicetown Plate Washer Co. (Round or Square), 1324 Juniata, Phila., Pa.
North Penn Washer Co., Drexel bldg, Phila., Pa.
Ohio Shovel & Stamping Co. (Wrought), Dover, O.
Oliver Iron & Steel Co. (Wrought), S 10th & Muriel, Pittsburgh, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Payne's Bolt Works (Wrought), 133 Howard, San Francisco, Cal.
Philadelphia Machine Screw Works (Special Size, Any Material), 624 Race, Phila., Pa.
Pittsburgh Rivet Co., 38th & Junction R R, Pittsburgh, Pa.
Pittsburgh Screw & Bolt Co. (Wrought), Preble av, Pittsburgh, Pa.
Plymouth Mills (Small), Plymouth, Mass.
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill.
See adv index at end of book
Read A. P. Co., 568 W Washington, Chicago, Ill.
Reed & Prince Mfg. Co., Worcester, Mass.
Reliance Mfg. Co. (Steel Plate), Massillon, O.
Republic Iron & Steel Co. (Steel), Youngstown, O.
Republic Structural Iron Works Co. (Steel-Heavy), 1350 E 53d, Cleveland, O.
Rhode Island Tool Co., Providence, R. I.
Richards-Wilcox Mfg. Co. (Steel), Aurora, Ill.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
St. Louis Screw Co. (Wrought), Clarence & Bulwer avs, St. Louis, Mo.
Schaper Construction Material Co. (Steel), 90 West, New York
Sessions J. H. & Son (Steel), Bristol, Conn.
Sharon Steel Hoop Co. (Steel Only), Sharon, Pa.
Smith Thos. Co., Worcester, Mass.
Sparks-Withington Co. (Steel), Jackson, Mich.
STANLEY WORKS (Wrought Steel), New Britain, Conn.
See adv index at end of book
Stimpson Edw. B. Co., 68 Franklin av, Brooklyn, N. Y.
Taunton Rivet Works (Steel), Taunton, Mass.
Torsion Nut Lock & Washer Co. ("Torsion" Hexagon Steel), 141 Milk, Boston, Mass. *See adv index at end of book*
Universal Safety Tread Co., Waltham, Mass.
Upson Nut Co., Cleveland, O.
Western Wrought Washer Co., Los Angeles, Cal.
Wilcox, Crittenden & Co., Middletown, Conn.
Wilmington Malleable Iron Works of Eastern Malleable Iron Co. (Malleable Iron), Wilmington, Del.
Wine Railway Appliance Co. ("Wine"), Socket Washer), Toledo, O.
Worcester Stamped Metal Co., 9 Hunt, Worcester, Mass.
Wrought Washer Mfg. Co. (Wrought & Steel Plate of all Kinds), Milwaukee, Wis.

16638— Washers (Lead)

AKRON METALLIC GASKET CO., 142 N Union, Akron, O.
See adv index at end of book
American Casting Mfg. Corp., Brooklyn, N. Y.
Barwood L. J. Co. ("**Barwood**"), Stoneham Station, Boston, Mass.
See adv index at end of book
Bogue-Wensley Lead Co., Denver, Colo.
Chadwick-Boston Lead Co., 162 Congress, Boston, Mass.
Delphos Mfg. Co., 1st & Pierce, Delphos, O.
Detroit Leather Specialty Co., 275 Beecher av, Detroit, Mich.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Emrich Phil (For Roofers), 824 Main, Cincinnati, O.
Field R. B. & Co. ("Fieldco"), Worcester, Mass.
GASKET SUPPLY CO. (Both Flat & Shaped), 1927 Ludlow, Phila., Pa.
See adv index at end of book
Guillott Metal Gasket & Supply Co., 24 S Clinton, Chicago, Ill.
See adv index at end of book
Harry Bros. Mfg. Co., 282 Woodbridge, E Detroit, Mich.
Kales-Haskel Co., 443 Lafayette, W. Detroit, Mich.
Lawrence Shot & Lead Co., Omaha, Neb.
Littleford Bros. (For Roofers), 444 E Pearl, Cincinnati, O.
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill.
See adv index at end of book
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
Selby Smelting & Lead Co., 201 1st, San Francisco, Cal.
Souther E. E. Iron Co. (For Roofers), Klenlin & Hamburger, St. Louis, Mo.
Stimpson Edw. B. Co, 68 Franklin av, Brooklyn, N. Y.
United Lead Co., 111 B'way, New York
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.

16639— Washers (Leather)

Auburn Leather Goods Co., Auburn, N. Y.
Bardall J. C. Co. (Coiled, etc), Moundsville, W. Va.
Barwood L. J. Co., Stoneham Station, Boston, Mass. *See adv index at end of book*

THE L. J. BARWOOD CO.

Stoneham Station, Boston, Mass.
Manufacturers of Washers, Gaskets, and Packings of Leather, Felt, Fibre, Cardboard, Asbestos, Paper, Lead, to order of machinery and automobile builders, electric plants, water works ,gas works, shipbuilders, brass goods and pump manufacturers, piano, player-piano and organ manufacturers, etc., etc.
Any size from 1-8" to 8 feet diameter: any shape or style to suit your particular requirements.
Submit your B-P or samples, and receive our very attractive prices by return mail.
THE L. J. BARWOOD CO.,
Stoneham Station - - Boston, Mass.

Bunnell W. H., 131 Worth, New York
Chicago Leather & Mercantile Co., 1848 W 14th, Chicago, Ill.
Chicago Rawhide Mfg. Co. (Rawhide), 1301 Elston av, Chicago, Ill.
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.
Detroit Leather Specialty Co. (Inc.), ("Wear Well"), 275 Beecher av, Detroit, Mich.
Diamond Whip Co. (Coiled, etc), 406 N Curtis, Chicago, Ill.
Eureka Supply Co., Swell, N. J.
Excelsior Leather Washer Mfg. Co., 323-329 Cedar, Rockford, Ill.
Feeser F. S. & Co., 1102 Prospect, Indianapolis, Ind.
Field R. B. & Co. ("Fieldco"), Worcester, Mass.
GASKET SUPPLY CO. ("Right"), 1927 Ludlow, Phila., Pa.
See adv index at end of book
Glauber M. & Co., 103 Varick, New York
Glauber Samuel S., 242 E 79th, New York
Graton & Knight Mfg. Co., Worcester, Mass.
Hoffeld R. & Co. (For Axles), 61 Carroll, Buffalo, N. Y.
Houghton E. F. & Co., ("Vim"), 240 Wor-Somerset, Phila., Pa.
Hudson Belting Co., 3 Eaton pl, Worcester, Mass.
Indiana Leather Stamping Co., Williamsport, Pa.
Judd & Leland Mfg. Co., Clifton Springs N. Y.
Kendrick Valve & Washer Co., Syracuse N. Y.
Marston I. G. & Co., 226 Ruggles, Boston Mass.
National Leather Mfg. Co., Niles, Mich.
New York Washer Works Co., 89 Morton, New York
Nott W. S. Co., 2d av, N. & 3d, Minneapolis, Minn.
Page Belting Co., Concord, N. H.
Planet Co., Westfield, Mass.
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill.
See adv index at end of book
Raniville F. Co., Grand Rapids, Mich.
Simplex Mfg. Co., 10-12 Garden, Auburn, N. Y.
United States Whip Co., Westfield, Mass.

16640—Washers (Leather Coil for Whips, Etc.)

Bardall J. C. Co., Moundsville, W. Va.

16641— Washers (Lock)

American Nut & Belt Fastener Co. ("Bartley" for Splice Joints, Car Trucks, etc), Ontario & Doerr, North Side, Pittsburgh, Pa.
Eagle Bolt & Forging Co., Cleveland, O.

Flannery J. Rogers & Co. (Nut Locks), Vanadium bldg, Pittsburgh, Pa.
HARPER F. C. SCREW WKS, 19 E 8th, Chicago, Ill.
Hobbs Mfg. Co. ("American Wire"), Worcester, Mass.
Kales-Haskel Co., 443 Lafayette, W. Detroit, Mich.
Jones Positive Nut Lock Co., 2812 S. Wabash av, Chicago, Ill.
Mansfield Lock Washer Co. ("Mansfield"), Mansfield, O.
National Lock Washer Co., 65 Johnson, Newark, N. J.
National Umbrella Frame Co. ("Neverslip"), 30th & Thompson, Phila., Pa.
Positive Lock Washer Co. of America, Av-A, Newark, N. J.
QUADRIGA MFG. & SPECIALTY CO., 213 ("Plain Pattern," "National Pattern," "Positive Pattern"), 213 W Grand av, Chicago, Ill.
See adv index at end of book
Reliance Mfg. Co. ("Reliance"), Massillon, O.
Sailer & Melvin Mfg. Co., Massillon, O.
Smith & Hemenway Co., Inc. (Corrugated "Lox-Washer"), 261 B'way, New York: 130 Coit, Irvington, N. J.
See adv index at end of book
St. Louis Screw Co., Clarence & Bulwer ave, St. Louis, Mo.
Steel Specialties Co. ("Worth" Wedge Washer), Waltham, Mass.
Verona Tool Works, Oliver bldg, Pittsburgh, Pa.

16642—Washers (Malleable Iron)

National Malleable Castings Co., 7706 Platt av, S. E., Cleveland, O.
Wrought Washer Mfg. Co., Milwaukee, Wis.

Washers (Mica)

See Mica, Manufactured

Washers (Milk Can)

See Machines, Milk Can Washing

16643—Washers (Name Plate)

Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, O.
Wolverine Brass Works, Grand Rapids, Mich.

16644—Washers (Nickel Plated)

Bettcher Mfg. Co., 6120 Clark av, S. W, Cleveland, O.
Springfield Mach. Co., Springfield, Mass.
U. S. Indestructible Gasket Co., Church & Fulton, New York
See adv index at end of book

16645— Washers (Paper)

Braunsdorf Geo. W., 430 E 53d, New York
Field R. B. & Co. ("Fieldco"), Worcester, Mass.

16646—Washers (Phosphor Bronze)

Akron Metallic Gasket Co., 142 N Union, Akron, O. *See adv index at end of book*
Bound Brook Oil-Less Co. ("Bound Brook Oil-Less Bearing Co."), ("Bound Brook"), Bound Brook, N. Y.
GASKET SUPPLY CO. ("Right"), 1927 Ludlow, Phila., Pa.
See adv index at end of book
Goetze Gasket & Packing Co., New Brunswick, N. J.
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill.
See adv index at end of book

16647—Washers (Plate, Steel)

Allegheny Steel Co., Oliver bldg, Pittsburgh, Pa.
Cambria Steel Co. (Finished), Widener bldg, Phila., Pa.
Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, O.
Harry L. C. Co., 114 Liberty, New York
Lebanon Valley Iron & Steel Co., Lebanon, Pa.
Leetonia Boiler Co., Leetonia, O.
Massachusetts Machine Shop, Inc., Worcester, Mass. *See adv index at end of book*
Nelson Tool Co., Inc., 782 E 142d, New York *See adv index at end of book*
Nicetown Plate Washer Co., 1324 Juniata, Phila., Pa.
Pottsville Bolt Co., Pottsville, Pa.
Smith Thos. Co., Worcester, Mass.
Worcester Pressed Steel Co., Worcester, Mass.
Youngstown Pressed Steel Co. (Standard Special), Youngstown, O.

16648—Washers (Plumbers')

American Vulcanized Fibre Co. (Vulcanized Fibre), 504 Equitable bldg, Wilmington, Del.
Barwood L. J. Co. ("Barwood"), Stoneham Station, Boston, Mass.
See adv index at end of book
Continental Fibre Co. ("Continental-Bakelite" & "Bakelite-Dilecto" Fibre), Newark Centre, Del.
DELAWARE HARD FIBRE CO., Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*
Diamond State Fibre Co., Elsmere, Del.
Empire Tire & Rubber Corp. (Rubber), East Trenton, N. J.
Field R. B. & Co. ("Fieldco"), Worcester, Mass.
Frost Mfg. Co. (Brass), Kenosha, Wis.
GASKET SUPPLY CO. ("Right" Fibre Lead, etc.), 1927 Ludlow, Phila., Pa.
See adv index at end of book
Gaynor Mfg. Co., Bridgeport, Conn.
Good Mfg. Co., ("Good"), 305 E 134th,
Grabler Mfg. Co., Cleveland, O.
Home Rubber Co., Trenton, N. J.
Kales-Haskel Co., 443 Lafayette W, Detroit, Mich
Marston I. G. & Co., 226 Ruggles, Boston, Mass.
Mitchell A. L. & Son, 1866 Atlantic av, Brooklyn, N. Y.
National Fibre & Insulation Co., Yorklyn, Del.
Pennsylvania Rubber Co. (Rubber Bibb, Waste, etc), Jeannette, Pa.
Plume & Atwood Mfg. Co. (Brass, etc), Waterbury, Conn.
Rhode Island Washer Co., Valley Falls, R. I.
Standard Fibre Co. (Fibre), Miller st, Somerville, Mass.
U. S. Indestructible Gasket Co., Church & Fulton, New York
See adv index at end of book
Winkley Co., Detroit, Mich.
Wolverine Brass Works (Nickel Plated), Grand Rapids, Mich.
Woodward-Wanger Co. ("Flexo" Bibb), 1106 Spring Garden, Phila., Pa.

16649—Washers (Prop Block)

Kilo Electric Meter Co., 10th & Canal, Indianapolis, Ind.
Searls Mfg. Co. (Leather), 29 Mulberry, Newark, N. J.

16650— Washers (Roof)

Horan Stay Hanger Co. (Galvanized), 1932 W Jefferson, Louisville, Ky.

16651— Washers (Rubber)

Acme Rubber Mfg. Co., Trenton, N. J.
Bell Andrew (Est. of), 6 Commercial, Newark, N. J.
Boston Belting Corp., 84 Linden Park, Boston, Mass.
Boston Woven Hose & Rubber Co., Cambridge, Mass.
Bunnell W. H., 131 Worth, New York
Canfield H. O. Co., Bridgeport, Conn.
Combination Rubber Mfg. Co. ("Boss"), Bloomfield, N. J.
Empire Tire & Rubber Corp., East Trenton, N. J.
GASKET SUPPLY CO. ("Right" Cloth Inserted, Red & Pure Rubber), 1927 Ludlow, Phila., Pa.
See adv index at end of book
Goodrich B. F. Co., Akron, O.
Goodyear Rubber Co. & Rubber Clothing Co., 787 B'way, New York
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Hamilton Rubber Mfg. Co., Trenton, N. J.
Hartford Rubber Works Co., Hartford, Conn.
Home Rubber Co., Trenton, N. J.
Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.
Jenkins Bros., 80 White, New York
Manhattan Rubber Mfg. Co., Passaic, N. J.
Marston I. G. & Co. (Machine Cut), 226 Ruggles, Boston, Mass.
Mechanical Rubber Co., 73 Reade, New York
Mulconroy Co., 54th & Jefferson, Phila., Pa.
N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
N. Y. Belting & Packing Co., 91 Chambers, New York
New York Rubber Disc Co., 215 E 98th, New York
Norwalk Mfg. Co., E Norwalk, Conn.
Pennsylvania Rubber Co., Jeannette, Pa.
Quabaug Rubber Co. (Hose), N Brookfield, Mass.
Quaker City Rubber Co., 629 Market, Phila., Pa.
Revere Rubber Co., 60 High, Chelsea, Mass.
Schacht Rubber Mfg. Co., Huntington, Ind.
Thermoid Rubber Co., Trenton, N. J.
United & Globe Rubber Mfg. Co., Trenton, N. J.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
Whitehead Bros. Rubber Co., Trenton, N. J.

Washers (Screw)

See Washers, Countersunk

16652—Washers (Sherardized)

Wrought Washer Mfg. Co., Milwaukee, Wis.

16653—*Washers (Special Sizes, Any Material)

AKRON METALLIC GASKET CO., 142 N Union, Akron, O.
See adv index at end of book
ERDLE PERFORATING CO., 181 York, Rochester, N. Y.
See adv index at end of book
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill.
See adv index at end of book

16654— Washers (Spring)

BARNES, THE WALLACE CO. ("Barnes-Made"), 18 Wallace, Bristol, Conn.
See adv index at end of book
Gainer F. H., Plainville, Conn.
Harper F. C. Screw Works, 19 E 8th, Chicago, Ill.
Hunt Pen C. Howard Co., Camden, N. J.
Kales Stamping Co., 443-459 Lafayette blvd, W Detroit, Mich.
Mansfield Lock Washer Co., Mansfield, O.
See adv index at end of book
Stimpson Edwin B. Co., Franklin av, Brooklyn, N. Y.

16654a— *Washers (Square)

Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill.
See adv index at end of book

16655—Washers (Street & Hydrant)

American Fdry. & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Field R. B. & Co., Worcester, Mass.
Haydenville Co. ("Lewis"), Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
Hvass Chas. & Co., 511 E 18th, New York
Jarecki Mfg. Co. ("Jarecki," "Keystone"), Erie, Pa.
Kupferle John C. Foundry Co., 1st & Wright, St. Louis, Mo.
Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y. *See adv index at end of book*

16656— Washers (Tin)

Bettcher Mfg. Co., 6120 Clark av, S W, Cleveland, O.
GASKET SUPPLY CO., 1927 Ludlow, Phila., Pa. *See adv index at end of book*
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Humphrey H. W. (Carpet, etc), Unionville, Conn.
National Sheet Metal Co. (Also Brass & Nickel Tin & Zinc), Peru, Ill.
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill.
See adv index at end of book

WASHERS (TIN)—continued
Robertson W. F. Steel & Iron Co. (Tufting), Elm & Commerce, Cincinnati, O.
Stimpson Edw. B. Co., 68 Franklin av, Brooklyn, N. Y.

16656a—Washers (Tomato & Fruit)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

16657— Washers (Tumbler)

Rowe L. L. ("No-thump"), 74 Portland, Boston, Mass.
Whiteman Mfg. Co. ("Lightning"), Canton, O.

16658— Washers (Vehicle)

Acklin Stamping Co. 1659 Dorr, Toledo, O. *See adv index at end of book*
Bettcher Mfg. Co., 6120 Clark av, S W, Cleveland, O.
BOSSERT CORP. THE, Utica, N. Y. *See adv index at end of book*
Cleveland Wrought Products Co., W 58th & W. & L. E. Belt Line, Cleveland, O.
Field R. B. & Co. ("Fieldco"), Worcester, Mass.
Hanley, S. V., 857 Cambridge av, Milwaukee, Wis.
Mueller Edward (Overhead), New Durham, N. J.
Molan & Bien, 59 Cambridge av, Boston, Mass.
Nunn Brass Works ("Ford"), Rochester, N. Y.
Raban W. A., Broad, Port Chester, N. Y.
Read A. P. Co., 568 W Washington, Chicago, Ill.
Ryan & Long ("Perfection," Overhead), Appleton, Wis.
Smith I. J. Mfg. Co., 100 7th av; 2 Kings Highway, Brooklyn, N. Y.
Star Brass Works ("Binks"), 3114 Carroll av, Chicago, Ill.
Vehicle Specialty Co. ("Excelsior," Revolving Overhead, "No. 2 Superior," Illuminating Overhead), Hartford, Conn.
Walworth Mfg. Co. ("Walworth"), 798 First, Boston, Mass.
Wieben John Co. (Overhead), 2051 Lex. av, New York

16659— Washers (Wooden)

Bogert & Hopper, 67 Barclay, New York
Estes E. B. Mfg. Co., 364 5th av, New York *See adv index at end of book*
GASKET SUPPLY CO., 1927 Ludlow, Phila., Pa. *See adv index at end of book*
Stephenson Mfg. Co., South Bend, Ind.

Washers (Wrought Iron & Steel)

See Washers, Iron & Steel

16660— Washers (Zinc)

GASKET SUPPLY CO. ("Right"), 1927 Ludlow, Phila., Pa. *See adv index at end of book*
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill. *See adv index at end of book*
Stimpson Edw. B. Co., 68 Franklin av, Brooklyn, N. Y.

Washers & Burrs (Brass & Copper)

See Washers, Brass & Copper

16661— Washing Machine Parts (Wood)

Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.
Stephenson Mfg. Co., South Bend, Ind.
Yost Gearless Motor Co., Springfield, O.

16662—Washing Machines (Clothes)

Adams Laundry Machinery Co., Troy, N. Y.
Almetal Mfg. Co. ("Almetal" Combination Washer, Heater & Stove), 7227 Manchester av, St. Louis, Mo.
Altorfer Bros. Co. ("Roanoke" Power Washer & Wringer), Peoria, Ill.
American Gas Machine Co., Albert, Lee, Minn.
American Ironing Machine Co. ("Simplex"), 166 N Michigan, Chicago, Ill.
American Laundry Machinery Co., Cincinnati, O.
American Wringer Co., 99 Chambers, New York
Apex Appliance Co., 3223 W 30th, Chicago, Ill.
Arnold Electric Co. (Electric), Racine, Wis.
Arora Co., 46 E 41st, New York
Associated Mfrs. Co. ("Amanco," Power), Waterloo, Ia.
At Last Washer Co. ("At Last"), Perry, Ia.
Automatic Electric Washer Co. ("Automatic," Electric), Newton, Ia.
Banderob-Chase Co., Oshkosh, Wis.
Barlow & Seelig Mfg. Co., Ripon, Wis.
Barnes Mfg. Co., Susquehanna, Pa.
Baughman N. C. ("New Miller"), York, Pa.
Blackstone Mfg. Co. ("Blackstone," "Challenge," "Sun," "Qauilty," "New Pan American," "Mission," "Rex," "Regal," "Imperial," "Quick-Time," "Vim," "Blackstone" Gasoline Power Washer, "Blackstone" Electric Washer, "Magic" Water Power Washer, "Improved" Capital Water Power Washer, "Dambless" Water Power Washer), Jamestown, N. Y.
Bluffton Mfg. Co., Bluffton, O.
Boss Washing Machine Co. ("Banner" Rotary "Boss"), Cincinnati, O.
Brammer H. F. Mfg. Co. ("O. K. Rotary," "B. B.," "Brammer," "Great Western," "O. J. C.," " O. K. Electric," "Original Brammer," "Peacemaker," "Snow E. White," "Klipper," "Knoxall," "Flyer," "Speedy," "Royal Stone"), Davenport, Ia.
Brokaw-Eden Mfg. Co. ("Eden"), Alton, Ill.
Brown M. Co. ("United States"), Wapakoneta, O.
Buckeye Churn Co. ("Buckeye," "Hero," "Queen"), Sidney, O.
Camp Bros. & Co., Washington, Ill.
Capital Electric Co., 321 Sheldon, Chicago, Ill.
Champion Washing Machine Co. ("Monitor"), Cincinnati, O.
Chicago Dryer Co. ("Electric"), 630 S Wabash av, Chicago, Ill.
Christman A. G. Co., Reading, Pa.
Clarinder Lawn Mower Co., Clarinda, Ia.
Coffield Motor Washer Co. ("Coffield," "U. M."), Dayton, O.
Complete Mfg. Co. Kenosha, Wis.
Constantine Casket Co., Constantine, Mich.
Cooper Sanitary Mfg. Co. ("Whirlpool," Water Power), 34th & Chestnut, Phila., Pa.
Crystal Machine Co. (Electric), 18 Piquette, Detroit, Mich.
Cycle Washing Machine Co., 160 Ann, Chicago, Ill.
Davenport Washing Machine Co. ("Snow Ball," "Quick Action," "Picnic," "Cascade"), Davenport, Ia.
Dayton Welding & Mfg. Co. (Water Power), Dayton, O.
Dexter Co. ("Dexter," Power & Electric), Fairfield, Ia.
Domestic Laundry Equipment Corp. ("Domestic"), 1365 Lexington av, New York
Doty Mfg. Co. ("Doty"), Dayton, O.
Dumond Mfg. Co. (Vacuum), Cedar Falls, Ia.
Easiest Way Mfg. Co. ("Easiest Way"), Sandusky, O.
Edwards Mfg. Co., Honey Creek, Ind.
Fairbanks, Morse & Co. ("Fairday"), 900 S Wabash av, Chicago, Ill.
Favorite Mfg. Co. ("Favorite" Motor & "Ever Ready" Hand Power), 319 Mt. Vernon av, Columbus, O.
Federal Sign System (Electric), 640 W Lake, Chicago, Ill.
Fisk Mfg. Co., Churubusco, Ind.
Fletcher Mfg. Co. (Motor), Newport, Ky.
Fosston Mfg. Co. ("Use A.," "Women's Friend"), 473 Cleveland, St. Paul, Minn.
Frantz Premier Co. (Electric), Cleveland, Ohio
G. & D. Mfg. Co., Streator, Ill.
Galloway Wm. Co., Waterloo, Ia.
Geier P. A. Co. ("Royal' Electric), 5112 St. Clair av, Cleveland, O.
Getz Power Washer Co. (Combination Washer & Wringer), Morton, Ill.
Geyer Elec. Co., 321 Sheldon, Chicago, Ill.
Glascock Bros. Mfg. Co. ("Handy," "New Era"), Muncie, Ind.
Globe Mfg. Co. ("Quicker Yet"), Perry, Ia.
Grinnell Washing Machine Co. ("Gem" Power), Grinnell, Ia.
Haag Bros Co., Peoria, Ill.
Hamilton Caster Mfg. Co. (Motor), Hamilton, O.
Harvey W. W. & Son, Constantine, Mich.
Highlander Machine Co. (Motor-Driven), Spencerport, N. Y.
Home Devices Corp. (Electric), 33 35th, B'klyn, N. Y.
Home Specialty Mfg. Co. ("Laun-Dryette" Washer & Dryer), 1015 Power av, Cleveland, O.
Horton Mfg. Co. ("American," "Globe," "Horton," Electric, "Horton" Rotary), Fort Wayne, Ind.
Howe Co. ("Excello" Water Power), Wheeling, W. Va.
Hurley Machine Co. ("Thor" Electric Washer & Wringer), 29 S Clinton, Chicago, Ill.
Imperial Washington Machine Co. ("Imperial," Electric), Sands Springs, Okla.
Irwin Mfg. Co. (Springless Motor), Front & Pike, Cincinnati, O.
Jackson Gas Engine Co. ("Jackson" Power), Jackson, Mich.
Johnson Electric Washer Co., 2074 Market, San Francisco, Cal.
Judd Laundry Machine Co., 122 S Michigan av, Chicago, Ill.
Kiel Mfg. Co. ("Oscillators" Vacuum), Albert Lea, Minn.
Knoll Janas L. Mfg. Co. ("Knoll" Double Action), Lebanon, Pa.
Knoll J. H. ("Queen" Family), Reading, Pa.
Laundry Queen Steam Washer Co., Centerville, Ia.
Litchfield Mfg. Co. (Farmers' Laundry), Waterloo, Ia.
Luthy & Co. (" A. B. C." Electric), Peoria, Ill.
Maytag Co. ("Pastime," "Maytag"), Newton, Ia.
Meadows Mfg. Co. ("Meadows, Jr.," Power), Pontiac, Ill.
Metal Barrel Co. ("Rapid"), Galesburg, Ill.
Michigan Washing Machine Co. (Turbine "Guarantee," "Peerless"), Muskegon, Mich.
Miller Mfg. Co., Meyersdale, Pa.
Modern Laundry Machine Co. (Electric), 1907 Central, Kansas City, Mo.
Moore, Given Co. ("Moore"), Spring Valley, Ill.
Morris Mfg. Co. ("One Minute"), El Reno, Okla.
Nat. Laundry Machine Co., 700 W 22d, Chicago, Ill.
National Motor Co., Springfield, O.
National Sewing Machine Co. ("Happy Day," High Speed), Belvidere, Ill.
Nineteen Hundred Washer Co. ("Nineteen Hundred," Hand & Electric), Binghamton, N. Y.
Ohio Pump & Brass Co. ("Economy"), Columbus, O.
One Minute Mfg. Co., Newton, Iowa
One Minute Washer Co. ("Sandusky"), Sandusky, O.
Pittsburgh Gauge & Supply Co. ("Gainaday" Electric Washer Wringer), 30th & Liberty av, Pittsburgh, Pa.
Portland Mfg. Co., Portland, Mich.
Press Wells H. Co., Streator, Ill.
Princess Wash Machine Mfg. Co. ("Princess" Water Power), 433 E Pearl, Cincinnati, O.
Puffer-Hubbard Mfg. Co., 32d av, S & 26th, Minneapolis, Minn.
Ray G.-W., Sterling, Kans.
Reading Wood Pulley Co. ("Prince"), Reading, Pa.
Rex Mfg. Co. ("Rex"), Johnstown, Pa.
Richmond Cedar Works ("Matchless," "Majestic" & "F. F. V.," "R. C. W. Water Motor," "Typhon," "Electric," "Lightning," "Rapid," "Richmond Electric Driven"), Fulton, Richmond, Va.
Rochester Rotary Washer Co. ("Rochester," Rotary, Equipped with Wringer), Rochester, N. Y.
Ross C. E. ("World," "Star," "Lincoln"), Lincoln, Ill.
Rue Mfg. Co., Amboy, Minn.
Sandusky Washer Co. (Electric), Sandusky, Ohio
Schneider Peter F. (Electric & Power), Bway Mkt bldg, Detroit, Mich.
Schroeder S. E. Mfg. Co., Minier, Ill.

Sieverkropp Engine Co., Racine, Wis.
Silent Washer Co. (Electric), Appleton, Wis.
Smith & Phillips Mfg. Co., 412 N Sagamore, Chicago, Ill.
Steiner Mfg. Co. ("Steiner," Motor Driven) 4100 N 21st, St. Louis, Mo.
St. Louis Washington Machine Co., St. Louis, Mo.
Superior Machine Co., Sterling, Ill.
Swash Motor Washer Co., Buttles & Mich. av, Columbus, O.
Sweet Geo. W., Flint, Mich.
Syracuse Washer Corp., Syracuse, N. Y.
Thistle Mfg. Co., 325 N Curtis, Chicago, Ill.
Tolhurst Machine Works, Troy, N. Y.
Troy Laundry Machinery Co. (Ltd.), 23d & La Salle, Chicago, Ill.
United Engine Co. ("Diabola"), Lansing, Mich.
Upton Machine Co., St. Josephs, Mich.
Utahna Development Co., 4254 Vista av, St. Louis, Mo.
Vacuum Washer Co., Ripon, Wis.
Victor Mfg. Co. ("Wonder"), Leavenworth, Kansas
Victor Motor Washing Machine Co., 11 W 7th, Cincinnati, O.
Voss Bros. Mfg. Co. ("Ocean Wave" Hand & Power, "Pendulum," "Automatic" & "Sunshine" Hand, "Universal" Power & "Voss" Water Motor & Electric), Davenport, Ia.
Walker Bros. Co. (Vacuum), Syracuse, N. Y.
Waring Ed. C. ("Waring" Aerated), Huntsville, Mo.
Wash-Easy Co., 2427 W 14th, Chicago, Ill.
Wayne Mfg. Co. ("Excelsior," Cylinder, "Wayne," "Royal," "Winner," "Western Star"), 124 Sidney, St. Louis, Mo.
Wenzelman Mfg. Co. (Hand, Power & Electric), Galesburg, Ill.
Western Electric Co., 463 West, New York
White Lily Mfg. Co. ("White Lily," "White Rose," "White Daisy," "White Washer," "White Way," "White Hummer" Hand, Electric, Water, Motor, etc), Davenport, Ia.
Wiard Mfg. Co. ("Wiard's Standard"), E Avon, N. Y.
Williamson H. E., 1340 Mission, San Francisco, Cal.
Wise-McClung Mfg. Co. ("America"), New Phila., Pa.
Winger-Blume Mfg. Co. (Electric), Wolcott, Ind.
Woodrow Mfg. Co. (Electric & Power), Newton, Ia.
Yost Gearless Motor Co., Springfield, O.

16663—Waste (Cotton & Wool)

Adams Bros., 134 Tudor, S, Boston, Mass.
Albany Waste & Metal Co., Albany, N. Y.
Andres Eugene C. Co., 141 Milk, Boston, Mass.
Atterbury & McKelvey, Inc., 145 Nassau, New York
Ayres, Bridges & Co., 200 Summer, Boston, Mass.
Bagby W. L. Co., Inc., Ft. Worth, Texas
Becker Chas. W., Amsterdam, N. Y.
Bishop Robt. Mfg. Co. (Cotton), 157 W Sixth, S Boston, Mass.
Blaisdell S. Jr. Co. (Dealers), Chicopee, Mass.
Blakeley Jno. & Son (Cotton & Wool), 1089 Gtn. av, Phila., Pa.
Bowman D. F. Co. (Wool Waste for Packing Car Boxes), New Albany, Ind.
Broderick & Babscom Rope Co. (Jobbers of All Grades), Main & Douglas, St. Louis, Mo.
Brooks Geo. B. (Wiping), 303 Canal, Providence, R. I.
Burstein Meyer, Neenah, Wis.
Cantasano Vito G. & Bros., 185 South, New York
Charles Wm. B., Amsterdam, N. Y.
Chicago Waste Co., 319-331 W. O., Chicago, Ill.
Coburn Walter Co., Lowell, Mass.
Collins E. F. & Sons, Springfield, Mass.
Colonial Supply Co. (Jobbers), 441 1st av, Pittsburgh, Pa.
Cordingley W. S. & Son (Wool), 229 A S, Boston, Mass.
Corr Peter H., Taunton, Mass.
Crefeld Waste & Batting Co., Saylesville, R. I.
Crerar Adams & Co., 259 E Erie, Chicago, Ill.
Dallas Waste Mills, Dallas, Texas
Detroit Waste Works, 112 Larned W, Detroit, Mich.
Devlin Chas. (Cotton & Wool), 3219 Kensington, Phila., Pa.
Dixon Wm. F. & Sons Co. (Cotton & Wool), 102 Leverington, Phila., Pa.
Economy Wiping Materials Co., 100 10th av, New York
Egan K. Francis X. Corp., 20-22 Bergen, Brooklyn, N. Y.
Egan Waste Co., 19 Burling, New York
Emsley John W., Adams & Emerald, Phila., Pa.
Estes Mills (Cotton "Yacht-Auto," Bleached, "Extra Special," "Prime," Natural Color, Machy. Wiping), Fall River, Mass.
Federal Paper Stock Co., 1814 N Main, St. Louis, Mo.
Flower Waste & Packing Co., 30 Church, New York
Frankford Waste Co., Van Dyke & Orchard, Phila., Pa.
Franklin Mfg. Co. ("Perfection" Journal Box), Franklin, Pa.
Friedlander Julius & Co. (Cotton Waste & Linters), Columbus, Ga.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Gallagher Daniel J. Mfg. Co., 513 S Clinton, Chicago, Ill.
GENERAL SUPPLY CORP., Worcester, Mass.
Glick Harris (Wool, etc), Worcester, Mass.
Gordon Bros., Hazardville, Conn.
Graves Frank B. Co. (Wool), Albany, N. Y.
Gumbinsky Bros. Co., 2261 S Union av, Chicago, Ill.
Hagy Clayton L. & Son, 16th & Carpenter, Phila., Pa.
Hagy J. Milton Waste Works ("Fidelity," Cotton & Wool), 836 S Swanson, Phila., Pa.
Hill & Cutler, 176 Federal, Boston, Mass.
Hill & Dixon Co., Hearst bldg, Chicago, Ill.
Hoffman-Corr Mfg. Co. (Cotton), 312 Market, Phila., Pa.
Hubley Gordon A., Worcester, Mass.
Kenan, McKay & Speir, Inc., Atlanta, Ga.
Kinsey E. A. Co., 331 W 4th, Cincinnati, Ohio
Leigh John Co., 241 A, Boston, Mass.
Lenhart J. I., 236 N Delaware av, Phila., Pa.
Leschen A. & Sons Rope Co. (Cotton Only), 920 N 1st, St. Louis, Mo.
Lillie Dexter P. Co. (Cotton Wiping & Packing Wastes), Indian Orchard, Mass.
Lowell Waste Co., Lowell, Mass.
McGrath Jno. J. (Also Packing, Wiping, etc), 1338 N Front, Phila., Pa.
Maier Marx, Inc., 200 5th av, New York
Main Paper Stock Co., Inc., 31 Peck slip, New York
Massasoit Mfg. Co., Fall River, Mass.
Miller Waste Mfg. Co., Snyder & Swanson, Phila., Pa.
Moore Geo. C. (Wool), N Chelmsford, Mass.
National Waste Co., Fisher bldg, Chicago, Ill.
NATIONAL WASTE CO. ("Quaker"), N Manayunk, Phila., Pa.
New England Cotton Yarn Co., Taunton, Mass.
O'Meara Maurice Co., 450 Pearl, New York
O'Neill Bros. (For R R Purposes, etc), Oxford & Howard, Phila., Pa.
Peck Asa & Co. (Cotton & Wool), 556 Atwells av, Providence, R. I.
Ray Edgar K. (Est. of), Franklin, Mass.
Railway Supply & Mfg. Co. (Dealers, White & Colored), Cincinnati, O.
Remick, Timothy & Co., 176 Federal, Boston, Moss.
Richards Fred. J., Springfield, Mass.
Riverside Mills (White & Colored Machined Cotton), Augusta, Ga.
Rosen Henry, Toledo, O.
Royal Mfg. Co. (Cotton, Wool & Packing), Rahway, N. J.
Royal Textile Co., 200 Congress, Boston, Mass.
Salmon A., Inc., 140 Nassau, New York
South Atlantic Waste Co., Charlotte, N. C.
Springfield Waste Co. (Cotton Packing & Wiping Waste), Springfield, Mass.
Standard Waste Mfg. Co., 3067 E 61st, Cleveland, O.
STRONG COTTON WASTE & MFG. CO. ("Strong's Specialty," White & Colored), 21 Walker, New York
Sweetland Waste Co., 134 Tudor S, Boston, Mass.
Toohey M. J. & Co., Fall River, Mass.
Troy Waste Mfg. Co., Troy, N. Y.
Union Wadding (Wiping), Pawtucket, R. I.
United Waste Mfg. Co., Troy, N. Y.
Valley Waste Mills, La Grange, Ga.
Wallace Rodney Co., Fitchburg, Mass.
Whitaker Fred Co. (Dealers), 2140 E Hazzard, Phila., Pa.
Wolf W. & Sons (Cotton), 549 Atlantic av, Boston, Mass.

Waste Heat Utilizers

See Fuel Economizers

16664—Waste Saturating Systems

Milwaukee Tank Works ("Milwaukee" System for Saturating Journal Box Packing), 851 Kinnickinnic av, Milwaukee, Wis.

16665—Waste & Overflows (Bath)

A. D. Mfg. Co. ("Romeyn" Connected), Detroit, Mich.
American Fdry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
American Pin Co. ("Ampinco" Connected), Waterbury, Conn.
American Sanitary Mfg. Co., Abingdon, Ill.
Coyne & Delany Co., 832 Kent av, Brooklyn, N. Y.
D. C. Mfg. Co. ("D. C." Supply & Waste), Canton, O.
Dearborn Brass Co. (Connected With Traps), Cedar Rapids, Ia.
Edwardsville Brass Co., Edwardsville, Ill.
Elgin Brass Co., 21 Park row, New York
Empire Brass Mfg. Co. (With Trap), Cleveland, O.
Frost Mfg. Co. ("Fremco"), Kenosha, Wis.
Glauber Brass Mfg. Co., 49th & Superior av, N E, Cleveland, O.
Hoffman-Billings Mfg. Co. ("H. & B." with Trap), 100 2nd, Milwaukee, Wis.
Ireland & Matthews Mfg. Co., Detroit, Mich.
Kretschmer Mfg. Co., Dubuque, Ia.
McDonald A. Y. Mfg. Co. (With Trap), Dubuque, Ia.
Morency-Van Buren Mfg. Co., Sturgis, Mich.
Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
Rumsey L. M. Mfg. Co., 810 N 2d, St. Louis, Mo.
Rundle Mfg. Co., 27th & Wahl, Milwaukee, Wis.
Speakman Supply & Pipe Co. ("Speakman" Bath Waste), Wilmington, Del.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Tindersen & Kropf Mfg. Co. ("F. & K."), (By-Pass), 2559 W 21st, Chicago, Ill.
Trenton Brass & Machine Co., Trenton, N. J.
Wolverine Brass Works (With Trap), Grand Rapids, Mich.

16666— Watch Case Mfrs.

American Watch Case Co., 15 Maiden la, New York
Dubois Watch Case Co., 316 Herkimer, Brooklyn, N. Y.
Dueber Watch Case Mfg. Co., Canton, O.
Fahys Joseph & Co., 54 Maiden la, New York
Gruen D. Sons & Co., McMillan & Iowa, Cincinnati, O.
Illinois Watch Case Co., Elgin, Ill.
Keystone Watch Case Co., 1411 Walnut, Phila., Pa.
North American Watch Co. (Gold, Silver & Gold Filled), Mansfield, O.
Queen City Watch Case Mfg. Co., Cincinnati, O.
Roy Watch Case Co., 81 Prospect, Brooklyn, N Y.
Solidarity Watch Case Co., 242 Chestnut, Brooklyn, N. Y.
Star Watch Case Co., Ludington, Mich.
Wadsworth Watch Case Co., Dayton, Ky.
Western Watch Case Mfg. Co., 31 N State, Chicago, Ill.

Watch Crystals

See Crystals, Watch

16667—Watch Fobs (Advertising)

Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book

16668-9— Watches

See also Watch Case Mfrs.

Burlington Watch Co., 19th & Marshall blvd, Chicago, Ill.
Elgin National Watch Co., 10 S. Wabash av, Chicago, Ill.
Hamilton Watch Co., Lancaster, Pa.
Hampden Watch Co., Canton, O.
Howard E. Watch Works, Waltham, Mass.
Ingersoll R. H. & Bro., 315 4th av, New York
Knickerbocker Watch Co., Woolworth bldg, New York
New Haven Clock Co., New Haven, Conn.
New York Standard Watch Wks., 403 Communipaw av, Jersey City, N. J.
North American Watch Co., Mansfield, O.
Rockford Watch Co., Elgin, Ill.
Wathham Watch Co., Waltham, Mass.

Watchman's Time Detectors

See Clocks, Watchman's; also Recorders, Time

16670—Water Bottles (Rubber)

Ajax Rubber Co., 1796 B'way, New York
Bailey C. J. & Co., 22 Boylston, Boston, Mass.
Canton Rubber Co., Canton, O.
Davidson Rubber Co., Boston, Mass.
Davol Rubber Co., 69 Point, Providence, R. I.
Faultless Rubber Co., Ashland, O.
Goodrich B. F. Co., Akron, O.
Hodgman Rubber Co. (Lightweight Rubber Insertion), 8 W. 40th, New York
Miller Rubber Co., Akron, O.
Myers Mfg. Co., Fremont, O.
National India Rubber Co., Bristol, R. I.
Parker, Stearns & Co. ("Alpha"), 286 Sheffield av, Brooklyn, N. Y.
Raley Rubber Co., New Haven, Conn.
Rubber Products Co., Barberton, O.
Seamless Rubber Co., New Haven, Conn.
Star Rubber Co. ("Marco"), Akron, O.
Tyer Rubber Co., Andover, Mass.
Whithall, Tatum Co., 410 Race, Phila., Pa.

16671— Water Closet Mfrs.

Aird-Don Co., Troy, N. Y.
American Sanitary Works ("B. O. T."), Washington, N. J.
Automatic Chemical Closet Co. ("Auto-Kem-Clo," Vitreous China, Chemical), 1417 Wash. av, Minneapolis, Minn.
Barrett Jas. Mfg. Co. ("Empress," "Congress," "Duke," "Emperor," "Duchess," "Korka," "Lion," "Tudor," "Princely" & "Clio"), 117 Pearl, Boston, Mass.
blessing C. A., 516 Montgomery av, Phila., Pa.
Bowser Sanitary Mfg. Co., Lafayette, Ind.
Cahill Iron Works, Chattanooga, Tenn.
Camden Pottery Co. ("Inandia" Silent Action), Camden, N. J.
Central Metal & Supply Co. ("Cemco," "Clio," "Flora," "Iris" & "Pluvius"), 611 E Lombard, Baltimore, Md.
Climax Sanitary Co. ("Maxco" Seat Operated), Detroit, Mich.
Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
Columbus Brass Co. ("Met-All"), 638 Dublin av, Columbus, O.
See adv index at end of book
Coyne & Delany Co., 832 Kent av, Brooklyn, N. Y.
Dalton-Ingersoll Mfg. Co., 52 Chauncy, Boston, Mass.
Dayton Mfg. Co. (R. R. Car), Dayton, O.
Dececo Co., 157 High, Boston, Mass.
Detroit Tank & Seat Co., Detroit, Mich.
Douglas John Co., Carthage, Cincinnati, O.
Ebinger D. A. Sanitary Mfg. Co., 181 Lucas, Columbus, O.
Federal-Huber Co., 234 N Halsted, Chicago, Ill.
Fisher E. W. Co., 811 Superior av, N E Cleveland, O.
Fleck Bros. Co., 44 N 5th, Phila., Pa
Fords Porcelain Works, Perth Amboy, N. J.
Fort Pitt Supply Co., 332 2d av, Pittsburgh, Pa.
Haas Philip Co. ("Haas" Frost Proof), Dayton, O.
Haines Jones & Cadbury Co. ("Frosto," Frost Proof), 1136 Ridge av, Phila., Pa.
Hamilton Jno. H., Detroit, Mich.
Hercules Iron & Supply Co., 473 Atlantic av, Boston, Mass.
Hess Chas. Co. ("Hess" for Export), 96 Wall, New York
Hussey W. H. & Son, 148 W 35th, New York
Imperial Brass Mfg. Co. ("Watrous" Duojet), 524 S Racine av, Chicago, Ill.
See adv index at end of book

WATROUS DUOJET CLOSETS
THE IMPERIAL BRASS MFG. CO.
CHICAGO

Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
Jackson Potteries Co. ("Ultimate"), Fulton bldg, Pittsburgh, Pa.
Kelly Thos. & Bros. (Self-Acting & "Kelly" Seat Action), 404 S Kolmar av, Chicago, Ill.
Kline M. L. ("Epulso"), 84 Front, Portland, Ore.
Kohler Co. (Enameled Iron), Sheboygan, Wis.
Kretschmer Mfg. Co., Dubuque, Ia.
McCambridge Co., 20th & Wood, Phila., Pa.
Maddock's Thos. Sons Co., Trenton, N. J.
Meyer-Sniffen Co, 11 W 36th, New York
Mott J. L. Iron Works, Trenton, N. J.
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo
Nunn Brass Works ("Genesee" Automatic), Rochester, N. Y.
Pacific Sanitary Mfg. Co., 67 New Montgomery, San Francisco, Cal.
Park & McKay, 55 Bagley av, Detroit, Mich.
Peck Bros. & Co. (Combination), New Haven, Conn.
Peerless Selling Co., Evansville, Ind.
Pittsburgh Brass Mfg. Co., Pittsburgh, Pa.
Prier Brass Mfg. Co. ("Standard"), Kansas City, Mo.
Rumsey L. M. Mfg. Co., 810 N 2nd, St. Louis, Mo.
Rundle-Spence Mfg. Co., 63 2nd, Milwaukee, Wis.
Sanitary Mfg. Co., Kenova, W. Va.
Simmons John Co., 110 Centre, New York
Speakman Supply & Pipe Co., Wilmington, Del.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Teachen Jas. M., Detroit, Mich.
Trenton Potteries Co., Trenton, N. J
Van Arnam Mfg. Co., ("Van-Ar-Co" Low-Down & High Tank Combination), Fort Wayne, Ind.
Vannevar Edmund B. & Co. (Yacht), 85 Atlantic av, Boston, Mass.
Walker Mfg. & Supply Co., Shelby & Woodbridge, Detroit, Mich.
Walls Owen & Stambach Co., ("Naturo"), 11th & Hamilton, Phila., Pa.
Weiskittel A. & Son Co., 12th & E Lombard, Baltimore, Md.
Wheeling Sanitary Mfg. Co., ("Clean-Out"), Wheeling, W. Va.
Wolf L. Mfg. Co., 111 N Dearborn, Chicago, Ill.
Zero Valve & Brass Mfg. Co., Buffalo, N. Y.

16672—Water Closet Range

See also Water Closets, School, Institution, etc.

Clow James B. & Sons (Syphon Jet), Franklin & Harrison, Chicago, Ill.
Ebinger D. A. Sanitary Mfg. Co., 181 Lucas, Columbus, O.
Haines, Jones & Cadbury Co. ("Syphon," "Education," "Brighton"), Open Range and Washout), 1136 Ridge av, Phila. Pa.
Hyde, Clinton, 592 Clinton av, Albany, N. Y.
Illinois Malleable Iron Co., 1801 Diversey boul, Chicago, Ill.
See adv index at end of book
Lewis & Davis, 412 E 31st, Kansas City, Mo.
Millar Chas. & Son Co. (Washout & Syphon), Utica, N. Y.
Mott J. L. Iron Works, Trenton, N. J.
Nelson N. O. Mfg. Co. (Pneumatic Syphon Hopper Latunes), 10th & Chestnut, St. Louis, Mo.
Standard Sanitary Mfg. Co. (Automatic Syphon Jet), Bessemer bldg., Pittsburgh, Pa.

16673—Water Closets (Anti-Freezing)

Dayton Mfg. Co., Dayton, O.
Haas Philip Co. ("Haas"), Dayton, O.
Haines Jones & Cadbury Co. ("Frosto"), 1136 Ridge av, Phila., Pa.
I. X. L. Pump & Mfg. Co. ("I. X. L."), Automatic Low Down), 957 N 9th, Phila., Pa.
Kelly Thos. & Bros. ("Kelly" Seat Action after Flush), 404 S Kolmar av, Chicago, Ill.
Nelson N. O. Mfg. Co., 10th & Chestnut St. Louis, Mo.
Pittsburgh Brass Mfg. Co. ("Pittsburgh"), Pittsburgh, Pa.
Prier Brass Mfg. Co. ("Standard"), Kansas City, Mo.
Vogel Joseph & Co., 1203 Lombard, Wilmington, Del.
Walls, Owen & Stambach Co., 11th & Hamilton, Phila., Pa.
WEISKITTEL A. & SON CO. ("Jack Frost"), 12th & E Lombard, Baltimore, Md.
Zero Valve & Brass Mfg. Co., Buffalo, N. Y.

16674—Water Closets (Car)

Duner Co. ("Duner" Enameled Iron), 101 S Clinton, Chicago, Ill.

16675—Water Closets (Low-Down Combination)

American Sanitary Wks., Washington, N. J.
Becker Mfg. Co., Marietta, O.
Climax Sanitary Co. ("Maxco" Seat Operated), Detroit, Mich.
Bowlus Mfg. Co. ("Jewel"), Springfield, O.
Climax Sanitary Co. ("Maxco" Seat Operated), Detroit, Mich.
Cooper Sanitary Mfg. Co., 34th & Chestnut, Phila., Pa.
Coyne & Delany Co., 832 Kent av, Brooklyn, N. Y.
Dalton-Ingersoll Mfg. Co., 52 Chauncy, Boston, Mass.
Detroit Tank & Seat Co., Detroit, Mich.
Douglas John Co., Carthage, Cincinnati, O.
Eblinger D. A. Sanitary Mfg. Co., 181 Lucas, Columbus, O.
Fleck Bros. Co., 44 N 5th, Phila., Pa.
Fort Pitt Supply Co. ("Morus"), 332 2d av, Pittsburgh, Pa.
Haines Jones & Cadbury Co. ("Hojoca"), 1136 Ridge av, Phila., Pa.
Hogan Mfg. Co., 74 Grove, Hartford, Conn.
I. X. L. Pump & Mfg. Co. ("I. X. L." Anti-Freezing), 957 N 9th, Phila., Pa.
Kelly Thos. & Bros, 404 S Kolmar av, Chicago, Ill.
Kretschmer Mfg Co. ("Faultless" Double Flush), Dubuque, Ia.
McCambridge Co., 20th & Wood, Phila., Pa.
Muchenhirm C. H. Closet Co., Detroit, Mich.
Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
Peerless Selling Co., Evansville, Ind.
Pittsburgh Brass Mfg. Co. ("Bak-Push"), Pittsburgh, Pa.
Quinn Mfg. Co., Detroit, Mich.
Teahen Jas. M. ("Vitro"), Detroit, Mich.
Van Arnam Mfg. Co. ("Van-Ar-Co"), Fort Wayne, Ind.
Weiskittel A. & Son Co., 12th & E Lombard, Baltimore, Md.

16676—Water Closets (School, Institution, Etc.)

See also Water Closet Range

Adee Fred Co., 3 Cliff, New York
Aird-Don Co., Troy, N. Y.
American Foundry & Furnace Co. (Iron Closet), Bloomington, Ill.
American Sanitary Works ("B. O. T."), Washington, N. J.

Automatic Chemical Closet Co. ("Auto-Kem-Clo." Vitreous China, Chemical), 1417 Wash. av, N Minneapolis, Minn.
Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
Douglas Jno. Co., Carthage, Cincinnati, O.
Ebinger D. A. Sanitary Mfg. Co., 181 Lucas, Columbus, O.
Federal-Huber Co., 234 N Halsted, Chicago, Ill.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
Kelly Thos. & Bros. ("Kelly" Seat Action), 404 S Kelmar av, Chicago, Ill.
Meyer-Sniffen Co., 11 W 36th, New York
Mott J. L. Iron Works, Trenton, N. J.
Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Van Arnam Mfg. Co. ("Van-Ar-Co"), Fort Wayne, Ind.
Vogel Joseph & Co., Wilmington, Del.

16677—Water Closets (Ship)

Bishop's Wm. Sons, 18 James, New York
Curtiss J. H. Co., 2 South, New York
Jenkins Mfg. Co., 20 Vesey, New York
Kelly Thos. & Bros., 404 S Kolmar av, Chicago, Ill.
Mott J. L. Iron Works, Trenton, N. J.
National Gauge Co., 300 Pacific, Brooklyn, N. Y.
Sands Alfred B. & Son Co., 20 Vesey, New York
Webb F. W. Mfg. Co., 56 Elm, Boston, Mass.

16678—Water Columns or Stations (Railroad)

See also Tanks & Towers, Steel; also Cranes Locomotive Water

American Valve & Meter Co. ("Poage's"), Cincinnati, O.
CHICAGO BRIDGE & IRON WORKS, 1319 W 105th, Chicago, Ill.
For branch offices see adv index at end of book
Columbiana Boiler Co., Columbiana, O.
Fairbanks, Morse & Co. ("Sheffield," Automatic), 900 S Wabash av, Chicago, Ill.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Sheffield Car Co., Three Rivers, Mich.
Snow T. W. Construction Co. (Engineers & Bldrs.), 537 S Dearborn, Chicago, Ill.
U. S. Wind Engine & Pump Co., Batavia, Ill.

16679—Water Columns (Plain)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
ANDERSON V. D. CO. ("Anderson"), W 96th, Cleveland, O.
See adv index at end of book
Ashton Valve Co., 161 First, Cambridge, Mass.
Bordo L. J. Vo. (Inc.), ("Bordo"), 12th & Thompson, Phila., Pa.
Buckeye Iron & Brass Works, Dayton, O.
Crane Co. (Est. 1855), 836 So Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Haydenville Co., Haydenville, Mass.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
Jarecki Mfg. Co., Erie, Pa.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Lonergan J. E. Co., 211 Race, Phila., Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati,O. *See adv index at end of book*
McNab & Harlin Mfg. Co. (Steam & Water Gauge), 55 John, New York
Michigan Lubricator Co., Detroit, Mich.
National Tube Co., Frick bldg, Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
Powell Wm. Co., Cincinnati, O.
Queen City Brass & Iron Works, Cincinnati, O.
Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.
Steigert L. Co., Logan & Elder, Cincinnati, O.
Walworth Mfg. Co., Boston, Mass.

16680—Water Columns (Safety)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
ANDERSON V. D. CO. ("Anderson"), W 96th, Cleveland, O.
See adv index at end of book
Berry Engng. Co. ("Berry"), Chester, Pa.
Binghamton Machine Works ("Turner"), Binghamton, N. Y.
Buckeye Iron & Brass Works, Dayton, O.
Collins Mfg. Co. (Ltd.), 612 Chestnut, Phila., Pa.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Jarecki Mfg. Co., Erie, Pa.
Jarvis Engine & Machine Works ("Jarvis," "Our Pet"), Lansing, Mich.
Kelly & Jones Co. (Combination), 135 Water, Pittsburgh, Pa.
Kitts Mfg. Co., Oswego, N. Y.
Lawler Regulator Co., 55 W Houston, New York
Lonergan J. E. Co., 211 Race, Phila., Pa.
LUNKENHEIMER CO. ("Vigilant" Combination), Executive Offices & Factories Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
Pittsburgh Gage & Supply Co. ("Pittsburgh"), 30th & Liberty av, Pittsburgh, Pa.
Powell Wm. Co., Cincinnati, O.
Reliance Gauge Column Co. ("Reliance"), Cleveland, O.
Steigert L. Co. ("Sims," "U. S." Water Indicator), Logan & Elder, Cincinnati, O.
Williams Gauge Co. ("Williams" High & Low Alarm), 543 4th av, Pittsburgh, Pa.
Wright Mfg. Co. ("Wright"), 97 Woodbridge W, Detroit, Mich.

16681—Water Cooling Apparatus

Baker Ice Machine Co., Omaha, Neb.
Blaw-Knox Co., Farmers' Bk. bldg, Pittsburgh, Pa.
Wheeler C. H. Mfg. Co., Lehigh & 18th, Phila., Pa.

16682—Water Distilling Apparatus

GRISCOM-RUSSELL CO., 92 West, New York *See adv index at end of book*
Standard Water Systems Co. ("Tripure"), Hampton, N. J.
United Iron Works Co., Kansas City, Mo.

16683—Water Gas Plants for Industrial Plants

Improved Equipment Co. (Blue Water Gas), 60 Wall, New York

Water Gates

See Valves, Gate, for Water Mains

16684—Waterproof Wrapping (Cloth Lined)

Angier Mills ("Keepdry"), Ashland, Mass.

16685—Waterproofing (Boot, Shoe or Leather)

Commercial Chemical Co. ("X. L. N. C."), 212 Essex, Boston, Mass.
Viscol Co., Cambridge, Mass.

16686—Waterproofing (Cloth)

Bendus J. V. & Co., 17 South, New York
Du Pont Fabrikoid Co., Wilmington, Del.
Lehon Co., W 45th & S Western av, Chicago, Ill.
PRICE FIRE & WATERPROOFING CO. ("Price"), Poughkeepsie, N. Y.
Stowe & Woodward Co., Brockton, Mass.

Waterproofing Compounds

See Waterproofing Materials

16687—Waterproofing Materials

See also Paints, Damp Resisting

Acme White Lead & Color Works, Detroit, Mich.
American Chemical & Mfg. Co. ("Hippo"), Norfolk, Va.
American Cold Japan Co. (Paint), Pittsburgh, Pa.
American Mfg. Co. ("Conrad's" Concrete & Cement), 114 Plymouth av N, Minneapolis, Minn.
American Roofing Co. (Paint), Kansas City, Mo.
American Wood Preserving Co. ("Antiseptine" Brick & Stone), 1351 N Branch, Chicago, Ill.
Antakwa Co., 133 W Washington, Chicago, Ill.
Anti-Hydro Waterproofing Co. ("Anti-Hydro"), 9 Orchard, Newark, N. J.
Anti-Stick Co. ("Anti-Damp"), Westerville, O.
Antox Paint Co. (Paint), Indianapolis, Ind.
Aquabar Co. ("Aquabar"), Real Estate Trust bldg, Phila., Pa.
Arco Co., Euclid av & E 65th, Cleveland, O.
Arlington Mfg. Co., Canton, O.
Atlas Co. (Damp Proofing Compounds), Lincoln, N. J.
Barber Asphalt Paving Co. ("Positive Seal"), Land Title bldg, Phila., Pa.
Barrett Co. ("Hydronon" Paint), 17 Battery pl, New York
Becker-Moore Paint Co. (Paint), 1219 Olive, St. Louis, Mo.
Billings Chapin Co. ("Driwal"), Cleveland, Ohio
BINSWANGER B. & CO. (Paint), 827 N 3d, Phila., Pa.
Bird & Son ("Neponset," "Parine" Paint), East Walpole, Mass.
Bitu-Mortar Waterproofing Co. (Cement Products), 340 E 27th, New York
Blood T. L. & Co. ("Blood's" Cement-Concrete Coating), 413 Wacouta, St. Paul Minn.
Boydell Bros. White Lead & Core Co. (Paint), Detroit, Mich.
Byerly & Sons ("Byerlyte"), 2489 W 4th, Cleveland, O.
Cabot Sam'l (Inc.) (Brick, Stone & Cement), 141 Milk, Boston, Mass.
Canfield Oil Co., Cleveland, O.
Carey Philip Mfg. Co. ("Feltex," Asphalt Saturated Felt; "Manco," Asphalt Cement; "Combo," Asphalt Cement; "Percoproof"), 330 Wayne av, Lockland, Cincinnati, O.
Century Mfg. Co. ("Century"), 272 W Genesee, Buffalo, N. Y.
Ceresit Waterproofing Co. ("Ceresit"), 110 S Dearborn, Chicago, Ill.
Chatfield Mfg. Co. ("Carbo" Black Enamel, Paint), Carthage, Cincinnati, O.
Chemical Products Co., 93 Broad, Boston, Mass.
Chesapeake Oil Co. (Paint), Stockholm & Peach alley, Baltimore, Md.
CONCRETE WATERPROOF PAINT CO. (Colorless Liquid Compound, "Kling Koat" Coating, "Hydroseal" Dampproofing), 827 N 3d, Phila., Pa.
Corrugated Bar Co. (Corr-Base), Mutual Life bldg, Buffalo, N. Y.
Commercial Chemical Co. ("X. S. N. C."), 2121 Essex, Boston, Mass.
Detroit Graphite Co. ("Anti-Aqua"), Detroit, Mich.
Devoe & Raynolds Co. Inc., ("Devoe"), 101 Fulton, New York
Dexter Bros. Co. ("Petrifax" Damp Resisting Coating), 105 Broad, Boston, Mass.
Dixon Joseph Crucible Co. (Paint), Jersey City, N. J.
Doggett Stanley (For Cement Work), 11 Cliff, New York
Elaterite Paint & Mfg. Co. ("Des Moines Elaterite" Cement), Des Moines, Ia.
Flexible Compound Co., 3607 Haverford av, Phila., Pa.
Flexner-Taylor Co., Ltd. ("Taylor Hydro-Litic"), 786 East B'way, South Boston, Mass.
Flexol Co. ("Flexol"), 55 Liberty, New York
Flintkote Co. ("Plastic"), 88 Pearl, Boston, Mass.
Forest City Paint & Varnish Co. (Paint), 5334 Lakeside av, Cleveland, O.
Fort Pitt Oil & Paint Co. (Paint), 3209 Liberty av, Pittsburgh, Pa.
French Sam'l H. & Co. (Paint), 4th & Callowhill, Phila., Pa.
General Fireproofing Co., Youngstown, O.
General Roofing Mfg. Co., Boatman's Bank bldg, St. Louis, Mo.
Glidden Varnish Co. ("Glidden's" Waterproof Concrete & Cement Floor Dressing), 1755 W Madison, Cleveland, O.

WATERPROOFING MATERIALS—cont'd.

Grote Geo. W. & Co., 430 E 102nd, New York
Harrison Waterproof Materials Co. ("Integral"), 30 Church, New York
Heath & Milligan Mfg. Co. (Cement Coating), 1833 Seward, Chicago, Ill.
Hercules Waterproof Cement Co. ("Hercules." Compound for Tunnels, Roofs, etc.), Buffalo, N. Y.
Horn A. C. Co. (Symentrex & Dehydrating), Bodine, Long Island City, N. Y.
Hydrated Lime Bureau, Arrott bldg, Pittsburgh, Pa.
Hydrex Felt & Engineering Co. ("Hydrex" Felt, Cloth & Burlap), 120 Liberty, New York
Hydro Damp-Proofing & Eng. Co., Pittsburgh, Pa.
Imperial Paint Co. ("Impaco"), 80 10th, Long Island City, N. Y.
Imperial Water Proof Co. ("I. W. P." Compounds), 105 W. Monroe. Chicago, Ill.
Insulite Chemical Co. ("Insulite"), Aurora, Ill.
Integral Waterproofing Co. ("Integral" for Cement), 80 Front, New York
Ironite Co. ("Ironite" for Concrete, Brick & Stone), 111 W Wash. Chicago, Ill.
Jamestown Paint & Varnish Co. ("Aqua-Nit"), Jamestown, Pa.
Johns H. W.-Manville Co. ("J-M" Felts, Fabrics, Cement Coatings, etc), Madison av & 41st, New York
Lamson John S. & Bro., 347 Madison av, New York
Lehon Co. (Paint), W 45th & S Western av, Chicago, Ill.
Lowe Bros. Co. (Paint), Dayton, O.
McHenry-Millhouse Mfg. Co. (Paint), South Bend, Ind.
Maritimo Coating Corp. ("Maritimo"), 2 Rector, New York
Masonry Waterproofing Co. (Larutan System), 307 Herkimer, Brooklyn, N. Y.
Minwax Co. ("Minwax"), 18 E 41st, New York
Mitchell-Rand Mfg. Co., 99 John, New York
Monarch Paint Co. (Paint), W 70th, Cleveland, O.
Monitor Oil Co. ("Ferro Tex"), Cleveland, O.
Mound City Paint & Color Co. (Paint), 11th & Mullanphy, St. Louis, Mo.
Munns E. A. Kalsomine Co. (Paint), 217 Fulton, Brooklyn, N. Y.
National Roofing Co. ("Retaw," "Stuckote"), Tonawanda, N. Y.
National Waterproof Film Co. ("Te Pe Co."), 19 S La Salle, Chicago, Ill.
Neuchatel Asphalte Co., 79 Tompkins, New York
Nevin T. H. Co. (Paint), Island & Preble, Pittsburgh, Pa.
New Jersey Paint Works (Paint) (Louderbough, Hy, Prop), Wayne, Jersey City, N. J.
North Jersey Paint Co. ("Edison" Paint), Stewartville, N. J.
Ohmlac Mfg. Co. (Paint), 140 S Dearborn, Chicago, Ill.
Parker, Preston & Co. (Brick & Stone), Norwich, Conn.
Patton Paint Co. ("Cementhide"), Milwaukee, Wis.
Pioneer Asphalt Co., Lawrenceville, Ill.
Preservative Products Co. ("Esco," 1133 B'way, New York
Price Fire & Water-Proofing Co. ("Price" for Fabrics, also for Cement, Concrete & Brick), Poughkeepsie, N. Y.
Richmond Bros. ("Cemeline"), 616 Main, Cincinnati, O.
Rinald Bros. (Paint), 1142 N Hancock, Phila., Pa.
Robeson Preservo Products Co. ("Preservo"), Port Huron, Mich.
Sandusky Cement Co. ("Medusa" Cement), Engineers' bldg, Cleveland, O.
Sandusky Cement Co. ("Medusa"), Engineers' bldg, Cleveland, O.
Schwenker W. M. (Compounds), 342 E 92d, New York
Semet-Solvay Co. ("Solvay." Concrete Coating), Syracuse, N. Y.
Sherwin-Williams Co. (Paint), Cleveland, O.
Sicilian Asphalt Paving Co. ("Siastex," An Asphalted Textile), 41 Park row, New York
Skinner Douglas Paint Co. (Paint), Kansas City, Mo.
Sonneborn L. Sons ("Cemcoat," "Hydrocide," Damp Proofing), 262 Pearl, New York
Standard Paint Co. ("Impervite"), 233 Broadway, New York
Street J. D. & Co. (Paint), 809 N 2nd, St. Louis, Mo.
Suydam M. B. Co. (Paint), 61st & Butler, Pittsburgh, Pa.
Texas Company ("Texaco"), 17 Battery pl, New York
Thompson & Co. ("Bondkote"), 1111 Galveston av, N. S, Pittsburgh, Pa.
THOMSON WOOD FINISHING CO., (Concrete Waterproof Paints), 827 N 3d, Phila, Pa. *See adv index at end of book*
Thurston F. W. Co., 1832 S Clark, Chicago, Ill.
Toch Bros. ("Toxemont," Powder, and Self-Healing Bridge Cement, 320 5th av, New York
Tropical Paint & Oil Co. ("Tropical" Paint), W 70th, Cleveland, O.
Trus-Con Laboratories (For Brick, Cement, etc.), Detroit, Mich.
U. S. Gutta Percha Paint Co. (Paint), 12-30 Dudley, Providence, R. I.
Union Fibre Co. ("Antiaqua," Cement for Waterproofing Walls or Insulation), Winona, Minn.
Universal Compound Co. ("A. B. C." "Exhydroplastic"), 2 Rector, New York
Vitrifix Co. ("Dehydratine" & Symentrex" Liquid Concrete), 133 W Washington, Chicago, Ill.
Wadsworth, Howland & Co. ("Bay State" Brick & Cement Coating), 141 Federal, Boston, Mass.
Waterproof Paint Co. (Paint), Watertown, Mass.
Waterproofing Co. (For Cellar, Subways, Reservoirs, Tunnels, etc), 345 E 33d, New York
Western Elaerite Roofing Co., Denver, Colo.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
WHIGELT GEO., INC. (Damp & Salpetre Proofing. The only man who guarantees to kill Saltpetre. Indorsed by "the" Architects & Builders), 124 Maiden la, New York
Wolf-Jacques & Co., Passaic, N. J.
Zibell Damp Resisting Paint Co. ("Alkacene" Waterproof Portland Cement, Liquid Concrete, Lime, Mortar & Plaster), 273 Water, New York

16688—Water Purifying & Filtering Apparatus

Devine J. P. Co., Buffalo, N. Y.
International Filter Co., 38 S Dearborn, Chicago, Ill.
New York Continental Jewell Filtration Co., Nutley, N. J.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Standard Water Systems Co. ("Tripure"), Hampton, N. J.

16689—Water Softening & Purifying Apparatus

American Water Softener Co. ("American"), 10th & Chestnut, Phila., Pa.
Booth L. M. Co. ("Booth" Water Softener), 58 Hudson, Nutley, N. J.

Compound Injector & Specialty Co. ("Rehn's" for Water Backs, Coils, Heaters, etc), 419 N Laramie av, Chicago, Ill.
Des Moines Refining Assay Co., Des Moines, Ia.
Dover Boiler Works (To Order). Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Graver Wm. Tank Works ("Bartlett Graver"), East Chicago, Ind.
Hammond Engineering Co., Warren, Pa.
Harrison Safety Boiler Works ("Cochrane"), 3147 N 17th, Phila., Pa.
Hungerford & Terry ("Hungerford"), Penna. bldg, Phila., Pa.
International Felter Co., 38 S Dearborn, Chicago, Ill.
Jackson & Church Co., Saginaw, Mich.
Jewell Engineering Co., Monodnock blk, Chicago, Ill.
Leigh & Butler ("Archbutt-Deeley" System), 232 Summer, Boston, Mass.
Michigan Engineering Co., Union Tr bldg, Detroit, Mich.
New York Continental Jewell Filtration Co., Nutley, N. J.
Northern Water Softener Co., Madison, Wis.
Patterson D. W. ('Bachman"), Harrison blk, Phila., Pa.
Permutit Co., 440 4th av, New York
Pittsburgh Filter Mfg. Co., Farmer's Bk bldg, Pittsburgh, Pa.
Power Plant Specialty Co. ("Vater" Hot Process), Monadnock blk, Chicago, Ill.
Refinite Co., Omaha, Nebr.
Reisert Automatic Water Purifying Co., 23 E 26th, New York
Richmond Water Softener Co. ("Felta" Hot or Cold Process, also for Domestic Use), Richmond, Ind.
Roberts Filter Mfg. Co., Darby, Pa.
Russell-Kinkaid Co., 140-146 W Austin av, Chicago, Ill.
SCAIFE WM. B. & SONS CO. ("Scaife" & "We-Fu-Go" Systems), First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Snow T. W. Const. Co. (Engineers & Bldrs), 537 S Dearborn, Chicago, Ill.
Standard Water Systems Co. "Tripure"), Hampton, N. J.

Water Stations (Railroad)

See Water Columns or Stations, Railroad

Water Supply (Air Pressure)

See Lifts, Air; also Pneumatic Water Supply Systems

16690—Water Supply Systems

Baltimore Cooperage Co., cor Hanover & Creek, Baltimore, Md.
Burnett-Larsh Mfg. Co. ("Duro"), Dayton, Ohio
Chicago Pump Co. (Automatic Electric Pneumatic For Domestic Water Supply), 906 W Lake, Chicago, Ill.
See adv index at end of book
Dayton Pump & Mfg. Co., Dayton, O.
DEMING CO. ("Atlas," "Marvel," "Hydraeram," "Climax"), Salem, O.
See adv index at end of book
Domestic Engine & Pump Co., Shippensburg, Pa.
Economy Pumping Machinery Co. (Automatic Electric), 116 N Carpenter, Chicago, Ill.
Foos Gas Engine Co., 800 Monroe, Springfield, O.
Ft. Wayne Engng. & Mfg. Co. ("Paul"), Ft. Wayne, Ind.
Harris Pump & Supply Co., 320 2d av. Pittsburgh, Pa.
Kalamazoo Pump Co., Kalamazoo, Mich.
Kewanee Private Utilities Co. "Kewanee," Pneumatic), West Side, Kewanee, Ill.
Leader Iron Works, 201 Jasper, Decatur, Ill.
Milwaukee Air Power Pump Co., 886 3rd, Milwaukee, Wis.
Modern Water Supply Co., 182 N Dearborn, Chicago, Ill.
Murphy & Walsh, Pekin, Ill.
MYERS F. E. & BRO. ("Myers," "Myers Hydro-Pneumatic," "Myers Electric"), 800 Orange, Ashland, O.
See adv index at end of book
Pittsburgh-Des Moines Steel Co., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
Sloan Sam'l & Co. ("Sloan's Superior"), Rochester, N. Y.
Southern Auto & Machinery Co., 116 Roberts av, St. Louis, Mo.
Standard Pump & Engine Co. ("Standard" Pumping Engines), Akron, O.
Swanstrom Mfg. Co., Hammond, Ind.
Termaat & Monahan Mfg. Co., Oshkosh, Wis.
Vaile-Kimes Co., Dayton, O.
Weber Subterranean Pump Co. ("Weber" Compressed Air System), 50 E 42d, New York

16691—Water Towers (Fire Boat)

Woodhouse Mfg. Co. ("Woodhouse"). 64 W B'way, New York

16692— Water Wheels

See also Turbine Water Wheels

Blymyer Iron Works Co. (Over Shot), Cincinnati, O.
Fitz Water Wheel Co., Hanover, Pa.
Hallidie Company, Spokane, Wash.
Knight & Co. (100 to 2,500 H. P.), Sutter Creek, Cal.
Leffel Jas. & Co., 500 Lagonda, Springfield, Ohio
Pelton Water Wheel Co., 19th & Harrison, San Francisco, Cal., & 90 West, New York
Salem Fdry & Machine Works, Salem, Va.
Savage W. J. Co., Knoxville, Tenn.
SMITH, S., MORGAN CO., York Pa.
See adv index at end of book
Trump Mfg. Co., Springfield, O.
United Iron Works ("Tuthill"), Oakland, Cal.
Walker Mfg. Co. ("Pelton" Type), Denver, Col.
Wellman-Seaver-Morgan Co., Cleveland, O.
Wolf Co. ("Wolf," "Keiser"), Chambersburg, Pa.

16692a— Watertight Bells, Buzzers & Push Buttons

MANHATTAN ELECTRICAL SUPPLY CO., 17 Park pl, New York
See adv index at end of book

16693—*Watthour Meters (Prepayment, Recording)

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

16694— Wattmeters

BRISTOL CO. ("Bristol's" Recording), Waterbury, Conn.
See adv index at end of book
Brown Instrument Co., Wayne av & Windrim, Phila., Pa.
Duncan Electric Mfg. Co. ("Duncan" Direct & Alternating Current), Lafayette, Ind.
Du Vivier Ernest H. (Imp) (Dial & Recording), 30 Church, New York
Esterline Co. ("Esterline," Recording), Indianapolis, Ind.
Federal Electric Co. ("Willis"), 640 W Lake, Chicago, Ill.
Fort Wayne Electric Works of General Electric Co. (Induction), Fort Wayne, Ind.
GENERAL ELECTRIC CO. ("Thomson," "Wright"), Schenectady, N. Y.
See adv index at end of book
Helios Mfg. Co. ("Bastian," Electrolytic Meter), Garden av, Bridge, Phila., Pa.
Hoskins Mfg. Co., 453 Lawton, Detroit, Mich.
Kilo Electric Meter Co. ("Kilo"), Indianapolis, Ind.
Roller Smith Co. ("Roller-Smith" Portable & Switchboard), 233 B'way, New York
Wagner Electric Mfg. Co., 6400 Plymouth av, St. Louis, Mo.
WESTINGHOUSE ELECTRIC & MFG. CO. ("Watthour" Portable Lamp Testing Volt-Wattmeter, etc). East Pittsburgh, Pa. *See adv index at end of book*
Weston Electrical Instrument Co., Waverly Park, Newark, N. J.

16695— *Wattmeters (Prepayment, Recording)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

16696— Wax (Bayberry)

Bromund E. A. Co., 356 B'way, New York
Fuller, Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Jacob Chas. W. & Allison (Imp.), 18 Cedar, New York
National Aniline & Chemical Co., Inc., 21 Burling slip, New York

Wax (Bees)

See Beeswax

16697— Wax (Cabinet)

Bowdlear W. H. Co. (Waxes from all countries), 69 Broad, Boston, Mass.
Brown D. P. & Co. (Jobbers), 264 N 4th, Phila., Pa.
Stevenson Bro. & Co., 110 Race, Phila., Pa.
Walton F. S. Co., Orthodox & Delaware, Phila., Pa.

16698— Wax (Carnauba)

Ayres, Bridge & Co. (Japanese), 200 Summer, Boston, Mass.
Francesconi J. C. & Co. (Imp), 23 Beaver, New York
Hirsch Adolph & Co. (Imp), 63 Park Row, New York
Jacob Chas. W. & Allison (Imp.), 18 Cedar, New York
National Aniline & Chemical Co., Inc., 21 Burling slip, New York
Scheel Wm. H. (Imported), 159 Maiden la, New York
Schliemann's Oil & Ceresine Co., 25 Beaver, New York
Smith & Nichols (Imp.), 121 Maiden la, New York
Standard Wax & Import Co. (Imp.), 95 William, New York
Strahl & Pitsch (Imp.), 141 Front, New York
Whittemore - Wright Co. (Imported), Charlestown, Boston, Mass.

16698a— *Wax (Ceresin)

Innis, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*

16699—Wax (Dry Battery)

Brauch L. S. Supply Co., 129 Sussex av, Newark, N. J.
Canfield Oil Co., Cleveland, O.
Cochrane Chemical Co., 221 Randolph av, Jersey City, N. J.
Dicks-Pontius Co., Dayton, O.
Dielectric Mfg. Co., 224 Vanderventer av, St. Louis, Mo.
Insulating Co., 1 B'way, New York
Insulating Materials Co., 805 Wesson av, Detroit, Mich.
Lamson John S. & Bro., 347 Madison av, New York
McGill Mfg. Co., 26 Oak, Valparaiso, Ind.
Minerallac Elec. Co., 1045 Washington blvd, Chicago, Ill.
Mitchell-Rand Mfg. Co., 99 John, New York
National Aniline & Chemical Co., Inc., 21 Burling slip, New York
Standard Asphalt & Rubber Co., 208 S La Salle, Chicago, Ill.
Standard Paint Co., 233 B'way, New York
Standard Underground Cable Co., Westinghouse bldg, Pittsburgh, Pa.
Trotter E. T. & Co., 602 Johnson av, Brooklyn, N. Y.
Zinsser Wm. & Co., 195 William, New York

Wax Heads & Fixtures

See Names in Window Display Fixtures with the Words Wax-Figures Following their Name

16700—Wax (Insulated Wire)

American Wax Co., 161 Summer, Boston, Mass.
Empire Oil Works, Oil City, Pa.
Mitchell-Rand Mfg. Co., 99 John, New York
Schliemann's Oil & Ceresine Co., 25 Beaver, New York
Smith & Nichols, 121 Maiden la, New York
Standard Wax & Import Co. (Imp.), 95 William, New York
Strahl & Pitsch (Imp.), 141 Front, New York

16701— Wax (Japan)

Bird J. A. & W. & Co. (Imp.), 88 Pearl, Boston, Mass.
Francesconi J. C. & Co. (Imp), 23 Beaver, New York
Frost & Cundill, Inc. (Imp.), 60 Wall, New York

16702— Wax Melter & Dropper (Electric)

Vulcan Electric Heating Co. ("Vulcan" for Sealing Packages, etc), 107 W 13th, New York

16702a— *Wax (Montan)

Innis, Speiden & Co., Inc. (Crude & Refined), 46 Cliff, New York
See adv index at end of book

16703—Wax (Ozokerite, Importers)

Bromund E. A. Co., 356 Broadway, New York
Chrystal Charles B., 13 Cliff, New York
See adv index at end of book
Innis, Speiden & Co., Inc. (Crude & Refined), 46 Cliff, New York
See adv index at end of book
National Aniline & Chemicals Co., Inc., 21 Burling slip, New York
Salomon L. A. & Bro., 216 Pearl, New York
Schliemann's Oil & Ceresine Co., 25 Beaver, New York
Smith & Nichols, 121 Maiden la, New York
Strahl & Pitsch, 141 Front, New York

16704— Wax (Paraffine)

Advance Oil Co., Oil City, Pa.
American Petroleum Products Co., 196 Water, New York
Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.
Borne, Scrymser Co., 80 South, New York
Canfield Oil Co., Cleveland, O.
Crystal Oil Works (Crude Scale), Oil City, Pa.
C. P. N. CHEMICAL CO., INC., 78 Reade, New York, & 231 West Huron, Chicago, Ill.
Emery Mfg. Co., Bradford, Pa.
EMPIRE OIL WORKS, Oil City, Pa. Works: Reno, Pa.
Francesconi J. C. & Co., 23 Beaver, New York
Freedom Oil Works, Freedom, Pa.
Fuerst Bros. & Co., 2 Stone, New York
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
Great Western Oil Co., 2846 E 37th, Cleveland, O.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
Indian Refining Co., 244 Madison av, New York
Jacob Chas. W. & Allison (Imp. Crude & Refined), 18 Cedar, New York
Kendall Refining Co., Bradford, Pa.
Kuh E. S. & Valk Co. (Imp), Produce Exchange, New York
Loos & Dilworth, 134 S Front, Phila., Pa.
Manufacturers' Parafine Co., Chester, Pa.
Monitor Oil Co., Cleveland, O.
National Refining Co., Cleveland, O.
Ohio Cities Gas Co., Columbus, Ohio
Penn American Refining Co., Oil City, Pa.
Pennsylvania Parafine Works, Titusville, Pa.
Petrolia Refining Co., Petrolia, Pa.
Pure Oil Co., Lafayette bldg., Phila., Pa.
Scheel Wm. H. (Jobbers), 159 Maiden la, New York
Smith & Nichols (Imp.), 121 Maiden la, New York
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York
Standard Oil Co. of N. J., 26 B'way, New York
Standard Oil Co. of N. Y. ("Parowax" Refined), 555 W 25th, New York
Standard Oil Co. of Ohio, 1400 State av, Cincinnati, O.
Standard Wax & Import Co. (Imp.), 95 William, New York
Strahl & Pitsch (Imp.), 141 Front, New York
Sun Co., Finance bldg, Phila., Pa.
Texas Co., 17 Battery pl, New York
Tidewater Oil Co. (Refined & Scale), 11 B'way, New York
Union Petroleum Co. (White & Yellow), Widener bldg, Phila., Pa.
WAVERLY OIL WORKS CO. (Refined), Pittsburgh, Pa.

Wax Polish (Floor Finish)

See Floor Polish, Hard Wax

16705— Wax (Sealing)

Bowdlear W. H. Co., 69 Broad, Boston, Mass.
Browne M. C., Holyoke, Mass.
Chamberlain & Johnson, 1238 Voskamp, Pittsburgh, Pa.
Clark F. C., 316 W Kinzie, Chicago, Ill.
Dennison Mfg. Co., 26 Franklin, Boston, Mass.
Dicks-Pontius Co. ("Zubian," "Pontius Pure" for Fruit Jars, etc), Dayton, O.
Edwards Bros., Milton, Mass.
Insulatine Co. ("Gyite," Insulating & Sealing), 1 B'way, New York
Mitchell-Rand Mfg. Co. (Insulating & Sealing), 99 John, New York
Morningstar Chas. & Co. (Insulating & Sealing), 233 B'way, New York
Princeton Sealing Wax Co., Princeton, Ill.
Sanford Mfg. Co., Congress & Peoria, Chicago, Ill.
Strohmeyer & Arpe Co. (Insulating & Sealing), 139 Franklin, New York
Trotter E. T. & Co. (Insulating), 602 Johnson av, Brooklyn, N. Y.
Zinsser Wm. & Co., 195 William, New York

16706— Wax (Shoemakers')

Columbia Wax Works, 751 E 137th, New York
Dennehy Bros., Brockton, Mass.
Dicks-Pontius Co., Dayton, O.
Hauthaway C. L. & Sons, 346 Congress, Boston, Mass.
Holt, Jared Co., Albany, N. Y.
Whittemore Woodbury Co., Charlestown, Boston, Mass.
Will & Baumer Co., Syracuse, N. Y.

16707— Wax (Soft Metal)

Gardner Machine Co., Beloit, Wis.

16708—Wax Tailings & Scale Wax

Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.
Canfield Oil Co., Cleveland, O.
Craig Oil Co. (Scale Wax), Toledo, O.
Emery Mfg. Co. (Scale Wax), Bradford, Pa.
Empire Oil Works (Scale Wax), Oil City, Pa.
Independent Refining Co., Ltd. (Scale Wax), Oil City, Pa.
National Refining Co., Cleveland, O.
Penn American Refining Co. (Scale Wax), Oil City, Pa.
Pennsylvania Paraffine Wks., Titusville, Pa.
Prudential Oil Corp., 17 Battery pl, New York
Standard Oil Co. of N. J. (Refined & Crude), 26 B'way, New York
Standard Oil Co. of N. Y., 555 W 25th, New York
Sun Co., Finance bldg, Phila., Pa.
Tidewater Oil Co., 11 B'way, New York
Union Petroleum Co. (Scale Wax), Widener bldg, Phila., Pa.
Warren Refining Co., Warren, Pa.

16709-10— Wax Tapers

Cathedral Candle Co., Syracuse, N. Y.
Columbia Way Works ("Never Drip," "Eagle"), 751 E 137th, New York
Houchin Thos. W. Co. ("Houchin's" Gas Lighters), 36 E 12th, New York
Marty F. & Co., Syracuse, N. Y.
St. Louis Candle & Wax Co., 233 Market, St. Louis, Mo.
Smith & Nichols, 121 Maiden Lane, New York
Will & Baumer Co., Syracuse, N. Y.

16711-2— Weaners (Calf)

Barbee Wire & Iron Works ("Hoozier," "Shaw Improved" Wire), 170 N Dearborn, Chicago, Ill.
Cooley Mfg. Co., 551 W Monroe, Chicago, Ill.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Holthaus Saddlery Co. ("Perfection"), 1440 N 6th, St. Louis, Mo.
Imperial Bit & Snap Co. ("Kant-Suck"), Racine, Wis.
Pratt Wm. E. Mfg. Co. ("Tylers"), 35 W Lake, Chicago, Ill.
Quinn Wire & Iron Works ("Shaw's" & "Diamond"), Boone, Ia.
Wagner Specialty Co. ("Kant Suk"), Burlington, Wis.

Weather Boarding (Iron & Steel)

See Roofing & Siding Iron & Steel

16713— Weather Strips

Acme Supply Co. ("Acme," Metallic for Cars), 28 E Jackson blvd, Chicago, Ill.
All-Metal Weatherstrip Co., 224 W Madison, Chicago, Ill.
American Metal Weather Strip Co., Grand Rapids, Mich.
Athey Co. ("Athey" Cloth Lined Metal), 2355 S La Salle, Chicago, Ill.
Bosley D. W. Co. ("Atlas," "Bosley's" Felt, Rubber, Metallic Rubber, Metallic Railway, etc), 122 S Michigan av, Chicago, Ill.
Bronze Weather Strip Co., 134 Milk, Boston, Mass.
Brown A. B. Co., 405 Lexington av, New York
Chamberlin Metal Weather Strip Co. (Metallic), 109 3rd av, Detroit, Mich.
Champion Metal Weather Strip & Parting Bead Co. ("Champion" Metallic), 12 Columbia, Boston, Mass.
Chicago Metal Weather Strip Co. (Metal), 1617 N Troy, Chicago, Ill.
Church E. I. & Co. ("Axtell," All Steel), W Hanover, Mass.
Dennis W. J. & Co. ("Dennis" Clincher Felt, Rubber, etc), 2120 W Lake, Chicago, Ill.
Diamond Metal Weather Strip Co. ("Diamond" Flexible Metal), Columbus, O.
Dunfee J. & Co., 40 N Franklin, Chicago, Ill.
Durametal Weather Strip Co., 226 W Madison, Chicago, Ill
Edwards O. M. Co. (For Car Windows), Syracuse, N. Y.
Ford Mfg. Co. ("Ford's" Air Tight), Holyoke, Mass.
Freeman Chas. A. Mfg. Co. ("Invisible"), 201 Devonshire, Boston, Mass.
Frost Railway Supply Co. ("Detroit," Metal for Cars, etc), Penobscot bldg, Detroit, Mich.
Harsha L. R. Mfg. Co., 2010 Carroll av, Chicago, Ill.
Heaton & Wood, 1802 Chestnut, Phila., Pa.
Henry Airtight Weather Strip Co. (Rubber Lined Wood), Crawfordsville, Ind.
Higgin Mfg. Co. (Metallic), Newport, Ky.
Inlaid Floor Co., 18th & Alabama, San Francisco, Cal., & 4067 Watts, Emeryville, Cal.
Introstile Mfg. Co. (Metal O. K.), Marietta, O.
Kohler Die & Specialty Co. (Wool Stuff), DeKalb, Ill.
McCord Mfg. Co. (For Car Windows), Detroit, Mich.
Metropolitan Weather Strip Co., 117 Chambers, New York
Michigan Engine Valve Co. ("Golden"), 115 Columbia W, Detroit, Mich.
Monarch Metal Weather Strip Co. (Metal), 4121 Forest Park, St. Louis, Mo.
National Metal Weather Strip Co. ("National" All Metal), 117 W Erie, Pittsburgh, Pa.
National Supply & Mfg. Co. (Metallic), 2362 Palm, St. Louis, Mo.
Newark Weather Strip & Screen Co., 7 Nevada, Newark, N. J.
Niagara Metal Weather Strip Co. ("Peace" Metallic), 33 W Tupper, Buffalo, N. Y.
Osgood H. H. & Co., 4 Wash'n, N, Boston, Mass.
Perfection Metallic Weather Strip Co., Detroit, Mich.
Pittsburgh Air Tight Metal Door Sill Co (Metal Air Tight), Liberty & Short, Pittsburgh, Pa.
Prince W. O., 26 Edinboro, Boston, Mass.
Protective Ventilator & Screen Corp., 332 E 23rd, New York
Pullman Automatic Ventilator Mfg. Co. (Metal Door & Window), York, Pa.
Pullman Metal Weather Strip Co., York, Pa.
Robbins Mfg. Co. ("Acme" All Metal), 1815 N Central Park av, Chicago, Ill.
Roebuck Weather Strip & Wire Screen Co., 3518 Av H, Brooklyn, N. Y.
Schouler Cement Construction Co. (Weather Strip & Sliding Door Guide), 154 Frelinghuysen av, Newark, N. J.
Spencer R., Hearst Bldg, San Francisco, Cal.
Stanfield M. B., 535 Tusculum av, Cincinnati, O.
Tabor Sash Fixture Co. ("Tabor," Metallic), 69 Polk, Newark, N. J.
Willer Mfg. Co. (Metal), Milwaukee, Wis.

16714— Weather Vanes

Barbee Wire & Iron Works, 170 N Dearborn, Chicago, Ill.
Barnum E. T. Wire & Iron Works, 864 Woodward, Detroit, Mich.
Broad Gauge Iron Works, 77 Broad, Boston, Mass.
Canton Art Metal Co., Canton, O.
Cushing L. W. & Son ("Waltham"), Waltham, Mass.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Eller Mfg. Co., Canton, O.
Fiske J. W. Iron Works, 80 Park pl, New York
Foy Edw. A. Co., 815 B'way, Cincinnati, Ohio
Gara-McGinley Co., 23 S 17th, Phila., Pa.
Gerock Bros. Mfg. Co., 1252 S Vandeventer av, St. Louis, Mo.
Green Henry J., 1191 Bedford av, Brooklyn, N. Y.
Henis Wm. G. Sons & Co., 1347 Ridge av, Phila., Pa.
Hollow Cable Mfg. Co., Hornell, N. Y.
Hum & Leatherman, 103 Market, Pittsburgh, Pa.
Jones Thomas W. (Also Dial), 153 Maiden la, New York
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
Milwaukee Corrugating Co., Milwaukee, Wis.
Mott J. L. Iron Works, Trenton, N. J.
NATIONAL SHEET METAL ROOFING CO., 339 Grand, Jersey City, N. J.
See adv index at end of book
National-Standard Co. ("National," "Diamond"), Box 211, Niles, Mich.
Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
St. Paul Roofing, Cornice & Ornament Co., Wabash av & Water, St. Paul, Minn.
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
Security Lightning Rod Co., Burlington, Wis.
Sheet Metal & Supply Co., Lancaster, Pa.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Snow W. A. Iron Works, Inc., 19 Portland, Boston, Mass.
Washburne Edw. G. & Co., 207 Fulton, New York

16715—*Webbing (Back-band)

COUCH BROS. MFG. CO., Atlanta, Ga.

16716— Webbing (Cotton)

Acorn Web Mills, North Wales, Pa.
Adamson Joseph & Co., Columbia & Gtn. av, Phila., Pa.
American Mills Co. (Narrow), Waterbury, Conn.
American Multiple Fabric Co. (Multiple Woven), 183 Hartford av, Providence, R. I.
Ansonia O. & C. Co., Ansonia, Conn.
Atkins & Pearce Mfg. Co., 5th & Eggleston av, Cincinnati, O.
Barber Mfg. Co., Lowell, Mass.
Barlow John W. Co. (Also Linen, Jute & Worsted), Lawrence, Mass.
Bilger Nicholas Webbing Co. (Also Worsted, Linen & Jute), 315 Vine, Phila., Pa.
Brockton Webbing Co. (For Shoe Straps), Brockton, Mass.
Buffalo Weaving & Belting Co. (Belting, Halters, Girths, Bridles, Back Bands, Trunk Straps, etc), Buffalo, N. Y.
Chadbourne & Moore (Shoe & Gaiter), Chelsea, Mass.
Columbia Narrow Fabric Co. (Also Silk & Mercerized), Shannock, R. I.
Columbus Mfg. Co., Columbus, Miss.

Couch Bros Mfg. Co. (Narrow), Atlanta, Ga.
Dyer Chas. N. (Narrow), Haverhill, Mass.
Empire Mfg. Co. (Also Deckle for Paper Mills), Lockport, N. Y.
Everlastik Inc., 395 B'way, New York
Franklin Cotton Mill Co. (Narrow), Plum & Charles, Cincinnati, O.
Hamilton Web Co. (Boot, Shoe, Gaiter, Name, etc), Hamilton, R. I.
Harley J. S., Quakertown, Pa.
Hesse Mfg. Co. (Narrow), Valley Falls, R. I.
Higrade Belting & Weaving Co., Frankfort, Niagara & Dresden, Newark, N. J.
Hoffman, De Witt & McDonough Co., Cheltenham, Pa.
Hope Webbing Co. (Narrow Woven Fabrics), 1005 Main, Providence, R. I.
International Braid Co. (Narrow), 47 Charles, Providence, R. I.
Landers Bros. Co., Toledo, O.
Mallison Braided Cord Co., Athens, Ga.
Martin Sidney (Overall Suspenders, etc), Chelsea, Mass.
Mason J. S. & Sons (Narrow), Westboro, Mass.
Moore & Burgess Webbing Co. (Narrow), S. Acton, Mass.
Mt. Vernon-Woodberry Mills, Cont. bldg, Baltimore, Md.
Narrow Fabric Corp., New Haven, Conn.
New Hampshire Artistic Web Co., Barnstead, N. H.
Rockland Webbing Co. (Narrow), Rockland, Mass.
Russell Mfg. Co., Middletown, Conn.
Springfield Webbing Co., Springfield, Mass.
Star Webbing Works (Shoe Strapping & Narrow), Brockton, Mass.
Sullivan J. & Sons Mfg. Co. (Narrow), 2224 N 9th, Phila., Pa.
Susquehanna Webbing Co., Bloomsburg, Pa.
Waban Webbing Co. (Heavy), 683 Atlantic av, Boston, Mass.
Westboro Weaving Co. (Narrow), Westboro, Mass.
Windsor Webbing Co. (Super Tapes, Braids, Vienna Elastic), Pawtucket, R. I.
Workman H. B. Co., Lititz, Pa.
Young J. B., J. & Levick, Phila., Pa.

16717— Webbing (Elastic)

Acorn Web Mills, North Wales, Pa.
Adamson Joseph & Co., Columbia & Gtn. av, Phila., Pa.
American Mills Co. (Narrow), Waterbury, Conn.
Ansonia O. & C. Co. (Suspender), Ansonia, Conn.
Boston Gore & Webb Co. (Suspender, Corset, Truss & Bandage), Chelsea, Mass.
Chadbourne & Moore, Chelsea, Mass.
Christ Bros. Mfg. Co., 1303 Buttonwood, Phila., Pa.
Colton Geo. S. Elastic Web Co. (Garter, Surgical, etc), Easthampton, Mass.
Columbia Narrow Fabric Co., Shannock, R. I.
Conant & Co. (Suspender, etc), Littleton, Mass.
Connecticut Web & Buckle Co. (Suspender, Belt, Garter, etc), Bridgeport, Conn.
Everlastik, Inc. (For Artificial Limbs, Bandages, Boots & Shoes, Corsets, Garters, Suspenders, & Truss Mnfrs.), 395 B'way, New York
Glendale Elastic Fabrics Co. (Goring, Garter, etc), Easthampton, Mass.
Greenway A. M. Co. (Bandage, etc), Chelsea, Mass.
Holmes O. H. (Knit, for Women's Corsets), Conshohocken, Pa.
Howard Mfg. Co., 97 Monument, Boston, Mass.
Lapworth Webbing Co. (Garter, Suspender, etc), Brockton, Mass.
Lapworth Wm. & Sons (Narrow), Milford, Mass.
Martin Sidney, Chelsea, Mass.
Narrow Fabric Corp. (Narrow), New Haven, Conn.
National Web Co. (Suspender, etc), 263 Linden av, Jersey City, N. J.
Nealon Jno. J. & Co., Bayonne, N. J.
Pentucket Narrow Fabric Mills (Garter, Shoe, Suspender, etc), Lowell, Mass.
Rockland Webbing Co. (Narrow), Rockland, Mass.
Russell Mfg. Co., Middletown, Conn.
Springfield Webbing Co. (Surgical, etc), Springfield, Mass.
Taylor Thos. & Sons, Hudson, Mass.
Ziegler A. & Sons Co. (Suspender), Boston, Mass.

16718-9—Webbing (Upholsterers')

Fibro Mfg. Co. (Cane), 9th & Chestnut, Phila., Pa.
Landers Bros. Co., Toledo, O.
Ludlow Mfg. Associates (Jute), 111 Devonshire, Boston, Mass.
Magee Carpet Co., 230 5th av, New York
Susquehanna Webbing Co. (Jute), Bloomsburg, Pa.

16720— Wedges (Axe)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Ransome-Leach Co., 115 B'way, New York
Sawyer Belt Hook Co., Pawtucket, R. I.

16721— Wedges (Equalizing)

McCord & Co. ("National"), 122 S Michigan av, Chicago, Ill.

16722— Wedges (Foundry)

Sterling Wheelbarrow Co., Milwaukee, Wis.
Stevens Frederick B., 3d & Larned, Detroit, Mich.

16723— Wedges (Handle)

Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.

16724—Wedges (Journal Bearing)

Hill Clutch Co., 1000 W 58th, Cleveland, O.
Transue & Williams Steel Forging Corp. (Drop Forged), Alliance, O.

16725—Wedges (Journal Box)

Cleveland City Forge & Iron Co. (Drop Forged), Cleveland, O.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
New Castle Steel & Iron Co., Pitttsburgh, Pa.
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
St. Louis Car Co., 8000 N. B'way, St. Louis, Mo.
Steel Car Forge Co. (Drop Forged), Pittsburgh, Pa.
Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.
Western Tool & Forge Co., Brackenridge, Pa.

16726— Wedges (Lead)

Lawrence Shot & Lead Co., Omaha, Neb.
United Lead Co., 111 B'way, New York

16727— Wedges (Saw)

American Logging Tool Co. (Steel), Evart, Mich.

16728— Wedges (Socket)

Black Jno. B. Co. ("Brady's," with Ring), Chester, Pa.

16729— Wedges (Steel)

Beall Bros, Alton, Ill.
Brunner & Lay, 570 W Polk, Chicago, Ill.
Collins Co., Collinsville, Conn.
Evansville Tool Works (Coal, Wood Choppers, Falling Stone, etc), Evansville, Ind.
Fulton Tool Works (Miners, Wood Choppers, etc), Canal Fulton, O.
Hardsocg Mfg. Co., Ottumwa, Ia.
Hardsocg Martin Co., 922 South av, Pittsburgh, Pa.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Iron City Tool Works, Ltd., 3201 Smallman, Pittsburgh, Pa.
Klein-Logan Co. (Woodchoppers, Falling, Stave Tie, Saw, Stone, Coal, etc), 13th & Breed, Pittsburgh, Pa.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Leetonia Tool Co., Leetonia, O.
McInnes Steel Co. (Ltd.) (Woodman's), Corry, Pa.
Oliver Iron & Steel Co. (All Kinds), S 10th & Muriel, Pittsburgh, Pa.
Phillips F. & Son, 1336 Greenmount av, Baltimore, Md.
Plumb Fayette R. (Inc), Tucker & James, Phila., Pa.
Pratt Wm. E. Mfg. Co. (Axe), 35 W Lake, Chicago, Ill.
Prouty C. & Co. (Cross Cut Saw), Eldred, Pa.
Ransome-Leach Co. (Woodchoppers, etc), 115 B'way, New York
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Trow & Holden Co. (For Quarry Work), Barre, Vt.
Vulcan Tool Mfg. Co. (For Quarry Work), Quincy, Mass.
Warren Tool & Forge Co., Warren, O.
Warwood Tool Co. (Wood Choppers, Coal Miners, Saw, etc), Warwood, Wheeling, W. Va.
What Cheer Tool Co., What Cheer, Ia.
Woodruff Walter W. & Sons Co. (Axe), Mount Carmel, Conn.

16730—Wedges (Tool Post)

Lakeside Forge Co., Erie, Pa.
Page Storms Drop Forge Co. (Drop Forged), Chicopee, Mass.
Williams J. H. & Co. (Also Rings, Drop Forged), 31 Richards, B'klyn, N. Y.
See adv index at end of book

16731— Wedges (Treenail)

Hoskins J. S. Lumber Mfg. Co. (Pine & Oak), Baltimore, Md.
Nashua Spool & Bobbin Co. (Oak), Grove Hall Station, Boston, Mass.
United States Bung Mfg. Co., 50 S 2d, Brooklyn, N. Y. Factory: Cincinnati, O.

16731a—*Wedges (Wooden, for Various Purposes)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

16732— Weeders

Aspinwall Mfg. Co., Jackson, Mich.
Babcock Mfg. Co., Leonardsville, N. Y.
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Bridgewater Plow Corp. ("Superior," Corn Thinner & Weeder), Bridgewater, Va.
Brinly Hardy Co. (Riding & Walking), Louisville, Ky.
Brown-Manly Plow Co., Malta, O.
Burch Plow Works Co., Crestline, O.
Cutaway Harrow Co., Higganum, Conn.
Dunham Co., Hippodrome Bldg., Cleveland, O.
Eureka Mower Co. (Walking & Riding), 16 Hickory, Utica, N. Y.
Genung C. W., Madison, O.
Greenville Implement Co., Greenville, Mich.
Janesville Machine Co., Janesville, Wis.
Keystone Machine Co. (Straight Bar or Adjustable, Walking or Sulky), York, Pa.
Lean Roderick Mfg. Co. ("Roderick Lean" Riding and Walking), Mansfield, O.
Lovejoy C. H. Chaplet Co., Cambridge, N. Y.
Munnsville Plow Co. (With Tubular Steel Frame), Munnsville, N. Y.
National Drill Co., Cambridge City, Ind.
North Wayne Tool Co., Hallowell, Me.
Rockford Mfg. Co., Rockford, Ill.
Taylor Mfg. Co. ("Jimmey"), Canton, O.
Thornburgh Mfg. Co. ("Toledo"), Bowling Green, O.
Washington Weeder Works, Walla Walla, Wash.
Wiard Plow Co. (Adjustable), Batavia, N. Y.

16733— Weeders (Garden)

See also Hooks, Weeding

Allen S. L. & Co. ("Firefly" & "Planet, Jr."), Denckla bldg, Phila., Pa.
Barker Mfg. Co., David City, Neb.

WEEDERS (GARDEN)—continued
Bateman Mfg. Co. ("Iron Age"), Grenloch, N. J.
Buffum Tool Co. ("Swastika"), Weeders & Transplanters), South Side, Louisiana, Mo.
Clark W. J. Co. ("Rapid-Easy"), Salem, O.
Cleveland Lawn Weeder Co., Cleveland, O.
Donaldson Bros. (Beet), Mount Clemens, Mich.
Fletcher Terry Co. (Hand), Forestville, Conn.
Genung C. W., Madison, O.
Hall Mfg. Co. ("Hall" Beet, Onion, etc.), Monticello, Ia.
Keystone Machine Co. (Adjustable), York, Pa.
Kohler F. E. Co. (Dandelion Spud), Canton, O.
Mason F. C. & Co., St. Johns, Mich.
Norcross C. S. & Sons ("Norcross," "Midget" 3 Prong), Bushnell, Ill.
North Wayne Tool Co. ("Lefavour's Favorite"), Hallowell, Me.
Union Fork & Hoe Co. (Hand), Columbus, O.
Western Steel & Iron Works (Beet Weeders), De Pere, Wis.
Wrightsville Hardware Co., Wrightsville, Pa.

16734—Weighers (Feed Water)

Dover Boiler Works. Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Tyler Underground Heating System ("Tyler"), 815 S Canal, Pittsburgh, Pa.
Willcox Engineering Co. ("Willcox" Automatic), 1525 Holland av, Saginaw, Mich.

16734a—Weighers (Liquid Recording)

WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book

16735-6-7 — Weighers, Loaders & Baggers (Grain)

Advance-Rumely Thresher Co., La Porte, Ind.
Advance Thresher Co., Battle Creek, Mich.
Buffalo Pitts Co., Buffalo, N. Y.
Climax Machinery Co. ("Avalanche," Pneumatic; "Star," Centrifugal; "Climax," Drag; Grain Elevating & Handling), Indianapolis, Ind.
Hart Grain Weigher Co. (Weighers), Peoria, Ill.
Huber Mfg. Co., Marion, O.
Hydraulic Press Mfg. Co., Mount Gilead, O.
Minneapolis Threshing Machine Co. (Baggers), 226 N 2d, Minneapolis, Minn.
Nichols & Shepard Co. (Weighers, Baggers & Loaders), Battle Creek, Mich.
Ohio Road Machinery Co. (Baggers), Oberlin, O.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Rumley Leo Tractor Co. ("Advance," "Gear-Scott," "Rumely"), La Porte, Ind.
Westinghouse Co. (Weighers), Schenectady, N. Y.

16737a—*Weighing Apparatus (Ehrhardt's)

MacLEOD CO., 2227 Bogen, Cincinnati, O.
See adv index at end of book

16738—Weights (Elevator)

Central Foundry Co., Fort Wayne, Ind.
De Ved & Sons Sash Weight Co. (Lead, also Dumb Waiter) 807 S Howard, Baltimore, Md.
Kings County Iron Foundry Inc., Gardner av & Meserole, Brooklyn, N. Y.
Levering Bros. (Also Bridge), Wicomico & Monroe, Baltimore, Md.
Los Angeles Fdry Co., Los Angeles, Cal.
Standard Foundry Co., Buffalo, N. Y.

16739— Weights (Hitching)

Barber Mfg. Co., Ashtabula, O.
Burr Co., Champaign, Ill.
Cheney S. & Son, Manlius, N. Y.
Decatur Cornice & Roofing Co., New Decatur, Ala.
Donaldson Bros., Mount Clemens, Mich.
Gowanda Agricultural Wks., Gowanda, N. Y.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Republic Mfg. Co., Milwaukee, Wis.
South Bend Foundry Co., South Bend, Ind.
Sperry D. R. & Co., Batavia, Ill.
Weller Hardware & Foundry Co., Horseheads, N. Y.
Western Foundry & Sash Weight Co., 2d & Miller, St. Louis, Mo.

16740— Weights (Lead)

Los Angeles Fdry. Co., Los Angeles, Cal.
United Lead Co. (Clock, Dress, Fish Net, etc.), 111 B'way, New York

U. S. INDUSTRUCTIBLE GASKET CO., Church & Fulton, New York.
See adv index at end of book

Weights (Sash)

See Sash Weight

16741—Weights (Telephone Cord)

K. & B. Co., 25 N 7th, Phila., Pa.

16742—*Weirs (Recording & Totalling Registers For)

SIMPLEX VALVE & METER CO., 110 N Broad, Phila.,, Pa.

16743—Welding (Autogenous)

American Metal Fusing & Cutting Co. ("Oxy-Acetylene Apparatus"), 104 Hunter av, Long Island City, N. Y.
American Oxygen Co. ("Oxy-Acetylene"), Perry bldg, Phila., Pa. Works: Camden, N. J.
Ballwood Co., 30 Church, New York
Bossert Corporation, The, Utica, N. Y.
See adv index at end of book
Braun J. G. (Oxygen Acetylene), 609 S Paulina, Chicago, Ill.
Brunswick Refrigerating Co. (Oxy-Acetylene, for the Trade), New Brunswick, N. J.
Carbic Mfg. Co., Duluth, Minn.
Cave Welding & Mfg. Co., 32 Liberty, Springfield, Mass.
Clausen N. C. Architectural Iron Co., Albany, N. Y.
Cox Brass Mfg. Co., Albany, N. Y.
Davis-Bournonville Co. (Plant Builders), Van Wagnen av, Jersey City, N. J.
Delcampe Welding Co. (Portable & Stationary Welding & Cutting Machines), Bridgeport, Conn.
Dyer G. H. Co., Cambridge, Mass.
Economy Welding Machine Co. (Oxy-Acetylene Plant Builders), Kansas City, Mo.
Fore River Shipbuilding Corp., Quincy, Mass.
Gem Stamped Steel Co., Chelsea, Mass.
General Welding Co. ("Beltzer," Oxy-Acetylene, Oxy-Benzine), Hoboken N.J.
Great Lakes Welding Co. (Oxy-Acetylene), 937 West, N. W., Cleveland, O.
Henderson-Willis Welding & Cutting Co. (Oxy-Acetylene Plant Builders), 2826 Locust, St. Louis, Mo.
Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill. *See adv index at end of book*
K. C. Generator Co. (Complete house lighting plants)
K.-G. Welding & Cutting Co., 556 W 34th, New York *See adv index at end of book*
Blaw-Knox Co. (Oxy-Acetylene), Farmers Bk. bldg, Pittsburgh, Pa.
Laclede Iron Works (Oxy-Acetlylene), 1315 Chestnut, St. Louis, Mo.
Linde Air Products Co., 42nd St. bldg, New York. *See adv index at end of book*
MacLeod Co. (Plant Mfrs.), 2227 Bogen, Cincinnati, O.
See adv index at end of book
Manitowoc Engineering Works, Manitowoc, Wis.
Metals Welding plant (Steel Products Co.), (Oxy-Acetylene Plant Builders), 4400 Perkins av, Cleveland, Ohio
MILBURN A. ALEXANDER CO., 1420 W Baltimore, Baltimore, Md.
See adv index at end of book
Morgan Mfg. Co. ("Morgan," Portable Oxy-Acetylene Outfit), Newport, R. I.
National Welding & Mfg. Co. (All Metals), Buffalo, N. Y.
National Welding & Mfg. Co., 527 W Jackson boul, Chicago, Ill.
Northern Welding Co. (Contractors) 2429 Univ av, S E, Minneapolis, Minn.
Oakes Co., The (Spot), Indianapolis, Ind.
Olson-Klopf Welding & Cutting Co. (Contractors), Seattle, Wash.
Oxweld Acetylene Co. (Oxy-Acetylene), 640 Frelinghuysen av, Newark, N. J.
Pipe Coiling, Bending & Welding Co., 33d & A. V. R. R., Pittsburgh, Pa.
Portland Co. (Oxy-Acetylene), Portland, Me.
Prentiss Henry & Co. (Oxy-Acetylene), 149 B'way, New York
Richmond Water Softener Co. (Contract Welding), Richmond, Ind.
Sanford F. C. Mfg. Co. (Portable & Stationary Oxy-Acetylene), Bridgeport, Conn.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
U. S. Welding Co. Inc., 155 Lafayette, New York
See adv index at end of book
Vulcan Process Co. (Oxy-Acetylene Equipments), 25th & University av, S E, Minneapolis, Minn.
Waterhouse Welding Co. (Welding & Welding Equipment, 15 Pelham, Boston, Mass.
Watson Mfg. Co., Toledo, O.
Welded Steel Barrell Corp. (Oxy-Acetylene), Hart av & Charlevoix, Detroit, Mich.
Western Drop Forge Co. (Oxy-Acetylene), P. O. Box 386, Marion, Ind.
Worcester Pressed Steel Co., Worcester, Mass.

16744— Welding (Electric)

American Electric Welding Co., 200 5th av, New York
American Fork & Hoe Co., Swetland bldg, Cleveland, O.
American Tube & Stamping Co., Bridgeport, Conn.
Atlantic Welding Co., 30 Church, New York
Automatic Electric Welder Co. (Butt & Spot), 618 W Jackson blvd, Chicago, Ill.
Best Co., 33rd & R. R., Pittsburgh, Pa.
Blaw Knox Co. ("Knox" Electric & Acetylene Welding Steel Construction), Farmers Bk Bldg, Pittsburgh, Pa.
Boom Boiler & Welding Co., 1615 Merwin av, Cleveland, O.
Bossert Corporation, The (Spot & Electric Arc), Utica, N. Y.
See adv index at end of book
Brunswick Refrigerating Co. (For the Trade), New Brunswick, N. J.
Columbiana Boiler Co., Columbiana, O.
Columbus Bolt Works Co., Columbus, O.
Electric Welding Co., Benedum Trees bldg, Pittsburgh, Pa.
Electric Welding Co., 2114 Superior Viaduct, Cleveland, O.
Federal Electric Welder Co. (Spot, Butt, Jump & Seam), Warren, Ohio
GEUDER PAESCHKE & FREY CO., (Spot, Seam & Butt), Milwaukee, Wis.
See adv index at end of book
Gem Stamped Steel Co., Chelsea, Mass.
Indianapolis Switch & Frog Co., Springfield, O.
Kellogg M. W. Co., 90 West, New York
See adv index at end of book
Lewis Electric Welding & Mfg. Co., Toledo, O.
Lincoln Electric Co., Cleveland, O.
Manitowoc Ship Building Co., Manitowoc, Wis.
Michigan Electric Welding Co., Detroit, Mich.
Michigan Salt Works, Marine City, Mich.
Pipe Coiling, Bending & Welding Co., 33d & A. V. R. R., Pittsburgh, Pa.
Pittsburgh Metal Brazing Co., 2939 Smallman, Pittsburgh, Pa.

Quasi Arc Weldtrobe Co., Inc., 107 Lafayette, New York
Snead & Co. Iron Works (Spot), 98 Pine, Jersey City, N. J.
See adv index at end of book
Standard Boiler Works, Seattle, Wash.
STANDARD PARTS CO. (Job Welding), W 73rd, Cleveland, O.
See adv index at end of book
Thomson Electric Welding Co., 161 Pleasant, Lynn, Mass.
Thomson Spot Welder Co. ("Spot Welding"), Cincinnati, O.
Union Switch & Signal Co., Swissvale, Pa.
Universal Electric Welding Co., 30 E 42d, New York
U. S. Welding Co., Inc., 155 Lafayette, New York *See adv index at end of book*

U. S. WELDING CO.
CONTRACTORS
ELECTRIC
WELDING
155 Lafayette Street
NEW YORK

Vilter Mfg. Co., 1046 Clinton, Milwaukee, Wis. *See adv index at end of book*
Whitman & Barnes Mfg. Co., 1000 W 120th, Chicago, Ill. *See adv index at end of book*
Winfield Electric Welding Machine Co. ("Winfield" for Butt, Jump & Spot Welding), Warren, O.
Wood Jno. Mfg. Co., Conshohocken, Pa.
Worcester Pressed Steel Co. (Electric Spot), Worcester, Mass.

16745—*Welding (Oxy-Acetylene)

Bind-Wilcox Co. (Supplies), 71 Walton, Atlanta, Ga.
Clausen N. C. Architectural Iron Co., Albany, N. Y.
LINDE AIR PRODUCTS CO., 42nd St. bldg, New York
See adv index at end of book
MILBURN A. ALEXANDER CO., 1420 W Baltimore, Baltimore, Md.
See adv index at end of book
Snead & Co. Iron Works, 98 Pine, Jersey City, N. J. *See adv index at end of book*
U. S. Welding Co., Inc., 155 Lafayette, New York *See adv index at end of book*
Vilter Mfg. Co., 1046 Clinton, Milwaukee, Wis. *See adv index at end of book*
Western Drop Forge Co., P. O. Box 386, Marion, Ind.

16746—*Welding (Oxy-Hydrogen)

Vilter Mfg. Co., 1046 Clinton, Milwaukee, Wis. *See adv index at end of book*

16747—Welding (Steam Flue)

Fix's S. Sons, Leonard & Winter, Cleveland, O.

16748—Welding (Thermit Process)

METAL & THERMIT CORP., 120 B'way, New York *See adv index at end of book*

16749—Welding & Cutting Apparatus (Oxy-Acetylene)

Admiral Welding Machine Co., Kansas City, Mo.
Air Reduction Sales Co., 120 B'way, New York
American Oxygen Co. ("Vulcan"), 2d & Elm, Cincinnati, O.
Ashton, Laird & Co., 607 W 43d, New York
Atlas Welding Works, Rahway, N. J.
Autogenous Welding Devices Co., Kansas City, Mo.
Autogenous Welding Equipment Co., Springfield, Mass.
Bermo Welding Co., 1915 Harney, Omaha, Nebr.
Betts & Betts Corp. ("Betts" Arc & Spot), 513 W 42d, New York
Bird-Wilcox Co., 71 Walton, Atlanta, Ga.
Bishop-Babcock Becker Co., Cleveland, O.
Boom Boiler & Welding Co., 1615 Merwin av, Cleveland, O.
Burdett Mfg. Co., 309 St. Johns ct, Chicago, Ill.
Campbell Iron Co., Cass av bet 8th & 9th, St. Louis, Mo.
Carbic Mfg. Co., Duluth, Minn.
Cave Welding & Mfg. Co. ("Weldco"), 32 Liberty, Springfield, Mass.
COLONIAL SUPPLY CO., 217 Water, Pittsburgh, Pa.
See adv index at end of book
Cox Brass Mfg. Co. ("Cox"), Albany, N. Y.
Crowell Wm. Co., Van Horn & Central R R, Jersey City, N. J.
Davis-Bournonville Co., Van Wagenen av, Jersey City, N. J.
Delcampe Welding Co., Bridgeport, Conn.
Economy Welding Machine Co., Southwest blvd & Centre av, Kansas City, Mo.
End-Oxy Appliance Co. ("Leektite"), 29 N Willow, Trenton, N. J.
General Welding & Equipment Co., 107 Mass av, Boston, Mass.
General Welding Co. ("Ideal"), Hoboken, N. J.
Great Western Cutting & Welding Co., 884 Folsom, San Francisco, Cal.
Harris Calorific Co., Cleveland, O.
Henderson-Willis Welding & Cutting Co., 2305 N 11th, St. Louis, Mo.
Imperial Brass Mfg. Co., 524 S. Racine av, Chicago, Ill. *See adv index at end of book*

OXY-ACETYLENE APPARATUS
THE IMPERIAL BRASS MFG. CO.
CHICAGO

International Oxygen Co. (Dlrs.), 115 B'way, New York
Jahnke Welding & Mfg. Co., 111 Main, San Francisco, Cal.
K-G Welding & Cutting Co., 556 W 34th, New York *See adv index at end of book*

OXY-ACETYLENE
EQUIPMENT
For Welding and Cutting
OXYGEN and
ALL SUPPLIES
K-G Welding & Cutting Co., Inc.
556 West 34th Street
New York City

Lincoln Bonding Co., 636 Huron rd, Cleveland, O.
MACLEOD CO., 2227 Bogen, Cincinnati, Ohio. *See adv index at end of book*
Messer & Co. ("Automat"), 121 N 7th, Phila. Pa.

MILBURN
Oxy-Acetylene
Welding and Cutting
Apparatus
Stationary and portable plants of all sizes for manufacturing, foundries, repair work, wrecking and special purposes.
Acetylene generators, torches, accessories and supplies.
Representatives in all principal cities.
The A. Alexander Milburn Co.
1420-1426 W. Baltimore St.
BALTIMORE MARYLAND

Metals Welding (Steel Products Co.), 4400 Perkins av, Cleveland, O.
Metal Welding & Supply Co., Denver, Col.
MILBURN ALEXANDER CO. ("Milburn"), 1420 W Baltimore, Baltimore, **Md.**
Modern Engineering Co., 14th & St. Charles, St. Louis, Mo.
Oxweld Acteylene Co. (Oxweld), 640 Frelinghuysen av, Newark, N. J.
Oxy-Acetylene Appliance Co., Jersey City, N. J.
Oxy-Acetylene Equipment Co., 31 W 125th, New York
Prest-O-Lite Co. ("Prest-O-Lite"), Crawfordsville rd, Indianapolis, Ind.
Schemmel Geo. C., Wapakoneta, O.
Searchlight Co., 910 S Michigan av, Chicago, Ill.
Superior Oxy-Acetylene Machine Co., Hamilton, O.
Swedish Iron & Steel Corp., 12 Platt, New York *See adv index at end of book*
Tolman Mfg. Co. ("Tolman"), 19 West Third, Boston, Mass.
Turner Brass Works, Sycamore, Ill.
Varwig Mfg. Co., 120 Opera pl, Cincinnati, Ohio
Vulcan Brazing & Machine Co., 1630 Vine, Phila., Pa.
Vulcan Process Co., 25th & Univ. av, S E, Minneapolis, Minn.
Waterhouse Welding Co., 15 Pelham, Boston, Mass.

16750—Well Casings & Supplies

Chicago Well Supply Co., 228-232 W Ontario, Chicago, Ill.
National Tube Co., Frick bldg, Pittsburgh, **Pa.**

Well Supplies (Artesian & Tubular)

See Machinery, Well Drilling

16750a—*Wells (Drilled & Driven)

Sweeney & Gray Co., 83-85 6th, Long Island City, N. Y.
See adv index at end of book

16751— Welting (Shoe)

Brockton Welting Co., Brockton, Mass.
Fallon W. J., 34 Norfolk av, Boston, Mass.
Rockland Welting Co., Rockland, Mass.
Worcester Counter Co., Worcester, Mass.

16752— Whalebone

American Whalebone Co., 454 Broome, New York
National Whalebone Co., 25 W 45th, New York
Walohn Mfg. Co., 31 Union sq W., New York

Wharf Builders

See Dock Builders

16753—Wheel Truing Device

Ross Mfg. Co., 2186 E 65th, Cleveland, O. *See adv index at end of book*
Taylor & Fenn Co., Hartford, Conn.

Wheelbarrows

See Barrows, Various Kinds

Wheels (Abrasive & Grinding)

See Emery & Corundum Wheel Mfrs.

16754—*Wheels (Agricultural Implement)

See also Wheels, Metal

ELECTRIC WHEEL CO., Station D, Quincy, Ill. *See adv index at end of book*
Little J. R. Metal Wheel Co., Quincy, Ill.

16754a—Wheels (Airplane)

Ackerman Wheel Co., Rockefeller bldg, Cleveland, O.
Aero Wheel Co., 1777 B'way, New York
Dayton Wire Wheel Co., Dayton, O.
Hayes Wheel Co., Jackson, Mich.
Mott Wheel Works (Rims & Wheels), Jackson, Mich.
National Wheel Works, Inc., Geneva, N. Y.
Spranger Rim & Wheel Co. (Wire Wheels), 139 Beaubin, Detroit, Mich.
Wire Wheel Co. of America, Springfield, Mass.

16755—Wheels (Automobile)

Ackerman Wheel Co., Rockefeller bldg, Cleveland, O.
Auburn Wheel & Mfg. Co., Auburn, R. I.
Bowman Carriage Co., Sacramento, Cal.
Central City Wheel Wks., Syracuse, N. Y.
Dayton Steel Fdry. Co., Dayton, O.
Eberly & Orris Co., Mechanicsburg, Pa.
French & Hecht, Davenport, Ia.
Harris Chas. E., The, Easthampton, Mass.
Hayes Wheel Co., Jackson, Mich.
Hill-Smith Metal Goods Co., 88 Pearl, Boston, Mass.
Hoopes Bro. & Darlington (Inc.), West Chester, Pa.
Hydraulic Pressed Steel Co. (Pressed Steel), Cleveland, O.
Imperial Wheel Co., Flint, Mich.
Kelsey Wheel Co., 1282 Military av, Detroit, Mich.
Phelps Mfg. Co. ("Freyer" Wire Demountable), Columbus, O.
Prudden Wheel Co., Lansing, Mich.
Salisbury Wheel & Axle Co., Inc., Jamestown, N. Y.
Sewell Cushion Wheel Co., 1296 Gratiot, Detroit, Mich.
Williams Steel Wheel & Rim Co., Utica, N. Y.

16756-7—Wheels (Automobile Steering)

See also Gears, Automobile Steering

American Hard Rubber Co. (Hard Rubber), 9 Mercer, New York
American Wood Rim Co. (Wood), Onaway, Mich.
Auto Wheel Co., Lansing, Mich.
Byrne, Kingston & Co. ("Kingston"), Kokomo, Ind.
Cox Aero Works, Bayonne, N. J.
Detroit Motor Car Supply Co., Kercheval & Connors c'k, Detroit, Mich.
Halladay, L. P. Co., Streator, Ill.
Hussey Drop Forge & Mfg. Co. (Slide, Tilting, Solid, etc), Cleveland, O.
Neville Steering Wheel & Mfg. Co., 700 Woodward av, Detroit, Mich.
Pouvailsmith Corp., Poughkeepsie, N. Y.
Rastetter Louis & Sons, Fort Wayne, Ind.
Warner Gear Co., Muncie, Ind.

Wheels (Automobile Truck)

See Wheels, Metal

16758—Wheels (Baby Carriage)

Bay State Metal Wheel Co., East Templeton, Mass.
Burgess & Norton Mfg. Co. (Go-Cart Wheels), Geneva, Ill.

16759—Wheels (Ball Bearing)

Burgess & Norton Mfg. Co. (For Invalid Chairs, Hospital Beds, etc), Geneva, Ill.
Gardner Sash Pulley Co. (For All Purposes), 15 N Jefferson, Chicago, Ill.
McCabe Hanger Mfg. Co., 425 W 25th, New York
Pressed Steel Mfg. Co. ("Knipe" Small), Land Title bldg, Phila., Pa.

16760— *Wheels (Barrow)

See also Wheels, Metal

ELECTRIC WHEEL CO. (Steel), Station D, Quincy, Ill. *See adv index at end of book*

JACKSON MFG. CO., Harrisburg, Pa. *See adv index at end of book*

16761— *Wheels (Belt)

Mesta Machine Co. (Steel), Pittsburgh, Pa. *See adv index at end of book*

16762— Wheels (Brake)

Dayton Mall. Iron Co. ("Perfect"), Dayton, O.
National Malleable Castings Co., 7706 Platt av, S. E., Cleveland, O.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

16763— Wheels (Brass)

Buckeye Iron & Brass Works (Finished), Dayton, O.

16764—Wheels (Buffing & Polishing)

See also Buffing & Polishing Machines

Armstrong Cork Co. (Cork, for Polishing Glass), 24th & A. V. R. R., Pittsburgh, Pa.
Bacon Felt Co. ("Bacon" Felt), Winchester, Mass.
Bennett-O'Connell Co. (Canvass-Felt, Bull-Neck, etc), 3600 S Morgan, Chicago, Ill.
Besly Chas. H. & Co. (Hand Polishing), 120 N Clinton, Chicago, Ill.
Buchanan Thos. Co., 29 W 3rd, Cincinnati, O.
Burns E. Reed ("Acme" Pierced, "Victor" Sheepskin, "Champion" Canvas, "Eureka" Solid Leather, also Wool Felt Leatherine, Canvas, Bullneck, etc), 27 Jackson, Brooklyn, N. Y.
Chicago Wheel & Mfg. Co. ("Chicago," Leather, Sheepskin, Canvas, Muslin, etc), 1101 W Monroe, Chicago, Ill.
Clizbe Bros. Mfg. Co., Plymouth, Ind.
Codman F. L. & J. C. Co. (Cotton), 15 Elkins S, Boston, Mass.
Coxsackie Wheel & Mfg. Co., Coxsackie, N. Y.
Day S. A. Mfg. Co., 1483 Niagara, Buffalo, N. Y.
Divine Bros. Co. ("The Compress"), Utica, N. Y.
Eastern Felt Co., Winchester, Mass.
Foot Mfg. Co. (Sheepskin, Solid Bull Neck Leather, "Challenge" Canvas, etc), 36 Germania av, Jersey City, N. J.
Gardner Machine Co. ("Gardiner" Band Polishing), Beloit, Wis.
General Platers' Supply Co. (Canvas & Bullneck), 489-493 Broome, New York
Hanson & Van Winkle Co., 269 Oliver, Newark, N. J.

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Jackson Mills Emery Co. (Wood, Leather Covered, Sheepskin, Walrus, Canvas, Felt, Paper Wheels, Buffs, etc), Easton, Pa.
L'Hammedieu Chas. F. & Sons Co. ("Reliance," Canvas, Sheepskin, etc), 24 S Clinton, Chicago, Ill.
Miller & Co. ("Walrine" Leather), 12 William, Newark, N. J.
Munning-Loeb Co., Matawan, N. J.
New England Buff Co., 101 Albany, Boston, Mass.
Nickel Adolph Mfg. Co., 715 Sycamore, Cincinnati, O.
Page Belting Co. (Leather Polishing), Concord, N. H.
Pfleghar Hardware Specialty Co. ("Peerless" Leather), New Haven, Conn.
Rickless A. & Co., Chelsea, Mass.
Rockwood Mfg. Co. (Paper), Indianapolis, Ind.
Springfield Mfg. Co., Bridgeport, Conn.
Sterling Grinding Wheel Co., Tiffin, O.
Superior Corundum Wheel Co., Waltham, Mass.
Thayer P. E. & Co., Pawtucket, R. I.
Tingue, Brown & Co., 118 E 25th, New York
Webb Mfg. Co. (Muslin), ft Center, Newark, N. J. *See adv index at end of book*
Williamsville Buff Mfg. Co., Danielson, Conn.
Yorkville Mfg. Co. (Sheepskin), 249 Hinsdale, Brooklyn, N. Y.

16765— Wheels (Cable Reel)

Hallett Iron Works ("Hallett"), Harvey, Ill.

16766— Wheels (Car)

See aso Wheels, Mine Car

Albany Car Wheel Co., Albany, N. Y.
American Car & Foundry Co. (Chilled, etc), Syndicate Trust bldg, St. Louis, Mo.
American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
American Steel Foundries ("Davis" Cast Steel), McCormick bldg, Chicago, Ill.
Atlas Car & Mfg. Co., Cleveland, O.
Baltimore Car-Wheel Co., Fulton Sta., Baltimore, Md.
Barney & Smith Car Co., Dayton, O.
Barnum-Richardson Co., Lime Rock, Conn.
Bass Foundry & Machine Co., Fort Wayne, Ind.
Bloomsburg Car Mfg. Co., Bloomsburg, Pa.
Bradley, Osgood Car Co., Worcester, Mass.
Bonney-Floyd Co. (Special Alloy Steel, Mine & Industrial), Columbus, O.
Brill J. G. Co., 62d & Woodland av, Phila., Pa.
Brown Car Wheel Works, 466 Howard, Buffalo, N. Y.
Buda Co., Railway Exch. bldg, Chicago, Ill.
Buffalo Car Wheel Foundry Co., Dunn bldg, Buffalo, N. Y.
Butler Car Wheel Co., Pittsburgh, Pa.
Carnegie Steel Co. (Steel), Carnegie bldg, Pittsburgh, Pa.
Cayuta Mfg. Co., Sayre, Pa.
Chattanooga Car & Foundry Co., Chattanooga, Tenn.
Chester Steel Castings Co., Chester, Pa.
Connellsville Machine & Car Supply Co., Connellsville, Pa.
Cumberland Foundry & Mfg. Co. (Chilled), Nashville, Tenn.
Dickson Car Wheel Co. (Chilled Car & Engine), Houston, Tex.
Duncan Foundry & Machine Works (Chilled), Alton, Ill.
Eagle Iron Works Co., Terre Haute, Ind.
EASTON CAR & CONSTRUCTION CO., 15 Center sq, Easton, Pa. *See adv index at end of book*
Enterprise Foundry & Machine Wks. ("Whitney"), Bristol, Tenn.
Ferguson & Lange Foundry Co. (Chilled), Clybourne av & Willow, Chicago, Ill.
Ford & Kimball, Concord, N. H.
Forged Steel Wheel Co. (Forged Steel), Pittsburgh, Pa.
Galena Iron Works Corp., Galena, Ill.
Griffin Wheel Co. (Chilled Iron Wheels of All Kinds), Main Office, 332 S Michigan av, Chicago, Ill.
Gustafson Mfg. Co., Chattanooga, Tenn.
Harris-Stevens Co., Pittsburgh, Pa.
Haskell & Barker Car Co., Michigan City, Ind.
Houston Car Wheel & Machine Co., Houston, Tex., & Hobart bldg, San Francisco, Cal.
Kilbourne & Jacobs Mfg. Co. (For Industrial Cars), Columbus, Ohio
Laconia Car Co., 60 Congress, Boston, Mass. Works: Laconia, N. H.
Lehigh-Fuller Co., Fullerton, Pa.
Lobdell Car Wheel Co., G. nr Christiana, Wilmington, Dell.

Louisville Car Wheel & Railway Supply Co., Louisville, Ky.
Manistee Iron Works Co., Manistee, Mich.
Marshall Car Wheel & Foundry Co., Marshall, Tex.
Maryland Car Wheel Works, Curtis Bay, Baltimore, Md.
Midvale Steel & Ordnance Co. (Rolled Steel and Steel Tired), Widener bldg, Phila., Pa.
Mount Vernon Car Mfg. Co., Mt. Vernon, Ill.
National Car Wheel Co. (Chilled Iron), Keystone bldg, Pittsburgh, Pa.
New York Car Wheel Co. (All Kinds), Buffalo, N. Y.
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Pennsylvania Casting & Machine Co. (For Mine Locomotives, Street Cars, etc), 501 Preble, Pittsburgh, Pa.
Pittsburgh Iron & Steel Foundries Co. (Industrial), Midland, Pa.
Portage Lake Foundry & Machine Co. (Chilled), Hancock, Mich.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Prosser Thos. & Son ("The Krupp"), 15 Gold, New York
Ramapo Foundry & Wheel Works, Ramapo, N. Y.
Reading Car Wheel Co. (Chilled), Buffalo, N. Y.
Russel Wheel & Foundry Co., Detroit, Mich.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
St. Paul Foundry Co., Como av & Macubin, St. Paul, Minn.
See adv index at end of book
Sanford-Day Iron Works ("Whitney"), Knoxville, Tenn.
Sheffield Car Co. (Wrought, Steel), Three Rivers. Mich.
Southern Wheel Co. (Chilled), Railway Exch. bldg, St. Louis, Mo.
Standard Car Wheel Co. (Chilled), Cleveland, O.
Steiger & Kerr Stove & Foundry Co., 2201 Folsom, San Francisco, Cal.
Tredegar Co., ft of 5th, Richmond, Va.
TURL IRON & CAR CO., INC., THE, 50 Broad, New York. Works: Newburgh, N. Y.
Tuscaloosa Iron Works, Tuscaloosa, Ala.
Union Iron Works, Hoboken, N. J.
Watt Mining Car Wheel Co., Barnesville, Ohio
Western Steel Car & Foundry Co. 37 W Van Buren, Chicago, Ill.
Youngstown Steel Car Co. (8 to 24 inches), Youngstown, O.

16767—Wheels (Car, Ball or Roller Bearing)

Bonney-Floyd Co. (Special Alloy Steel, Ball & Roller Bearing & All Types, Self-Lubricating), Columbus, O.
Buda Co., Railway Exch. bldg, Chicago, Ill.
Chase Foundry & Mfg. Co. (Roller Bearing), 2700 Parsons av, Columbus, O.
See adv index at end of book
Ottumwa Iron Wks (For Mine & Lumber Trucks), Ottumwa, Ia.
Sanford-Day Iron Works ("Whitney"), Knoxville, Tenn.

16768—Wheels (Carborundum & Aloxite Grinding)

Carborundum Co., Niagara Falls, N. Y.

16769—Wheels (Carriage & Wagon)

Archibald Guilford Wheel Co., Guilford, Conn.
Archibald Wheel Co., 150 West Lawrence, Mass.
Armstrong Wm. H., South Coventry, Conn.
Avoca Wheel Co., Avoca, N. Y.
Baltimore Hub-Wheel & Mfg. Co., Fallsway & Gy, Baltimore, Md.
Bimel Spoke & Auto Wheel Co., Portland, Ind.
Bookwalter Wheel Co., Miamisburg, O.
Buckley John Hub, Spoke & Wheel Co., 969 N 2d, Phila., Pa.
Buffington Wheel Co., Burlington, Ia.
Concord Wheel Co., Concord, N. H.
Crane & MacMahon ("Hickory Nut," "Acorn"), 10 Bridge, New York
Daniels Geo. E. (Heavy), Rowley, Mass.
Dickinson Ball Bearing Wheel & Vehicle Co. (With Ball Bearing Boxes), Little Rock, Ark.
Eames Alfred M. & Co., Farmingham, Mass.
Eberly Wilber A. Wheel Works, York, Pa.
Eberly & Orris Mfg. Co., Mechanicsburg, Pa.
ELECTRIC WHEEL CO., Station D. Quincy, Ill. *See adv index at end of book*
Ford & Co., Tippecanoe City, O.
Hinkel J. K. Mfg. Co., Mechanicsburg, Pa.
Hollingsworth Wheel Co., Hagerstown, Md.
Holt Bros. Mfg. Co., Concord, N. H.
Hoopes Bros. & Darlington (Inc.), West Chester, Pa.
Jerome Henry, Worcester, Mass.
Jones Phineas & Co., 305 Market, Newark, N. J.
Kerr L. S. D., Frenchtown, N. J.
Lebzelter Phillip & Son Co. ("Star," "Warner"), Lancaster, Pa.
Luedinghaus - Espenschied Wagon Co. (Heavy), 1717 N B'way, St. Louis, Mo.
McGlone Bros., Morehead, Ky.
Madison Wheel Co., Madison, O.
Merrill Francis S., Amesbury, Mass.
Mitchell Wheel Co., Miamisburg, O.
Muncie Wheel Co. ("Bannister"), Muncie, Ind.
Mutual Wheel Co., Moline, Ill.
Ness Bros. & Co., York, Pa.
New Haven Carriage Co., New Haven, Conn.
New Wapakoneta Wheel Co., Wapakoneta, Ohio.
Niles & Scott Co. (Heavy), La Porte, Ind.
North Carolina Wheel Co., High Point, N. C.
Oddy, Hodgson & Son, Wallingford, Conn.
Owensboro Wheel Co. (Wood), Owensboro, Ky.
Parry Mfg. Co., Indianapolis, Ind.
Pinneo & Daniels Co., Dayton, O.
Rex Buggy Co., Connersville, Ind.
Rowe's Robt. Sons. Brentwood, N. H.
Shortsville Wheel Co. ("Sweet's"), Shortsville, N. Y.
Southern Buggy Co. (Buggy), Oxford, N. C.
Standard Wheel Co., Terre Haute, Ind.
Stevens A. E. & Co., Portland, Me.
Stinson Edward Mfg. Co., 327 North, Baltimore, Md.
Trammel Co., Gallatin, Tenn.
Union City Wheel Co., Union City, Ind.
Union Wheel Works, 53 Stanton, Newark, N. J.
West Falmouth Mfg. Co., West Falmouth, Me.
Wheel & Wood Bending Co., Bridgeport, Conn.
Whiteside Wheel Co., Indianapolis, Ind.
Zwick & Greenwald Wheel Co., Dayton, O.

16770— Wheels (Caster)

See also Caster Manufacturers
Bogert & Hopper (Wooden), 67 Barclay, New York
Clark W. J. Co. ("Clarco" Pressed Steel), Salem, O.
Estes E. B. & Sons (Wood), 364 5th av, New York. *See adv index at end of book*
National Fibre & Insulation Co., Yorklyn, Del.
Peters' Jno. M. Sons (Wood Caster Rolls), Bleecker, N. Y.
Rome Scale & Mfg. Co., Rome Ga.
Sommer John Faucet Co. (Wooden), 355 Central av, Newark, N. J.
Spaulding J. & Sons Co. (Hard Fibre), N. Rochester, N. H.
See adv index at end of book
Standard Fibre Co. (Hard Fibre), Miller st, Somerville, Mass.
Union Porcelain Works (Porcelain), 300 Eckford, Brooklyn, N. Y.
Victor Truck Co. ("Victor" Truck Casters, Plain & Ball Bearing, Plain Roller & Ball Bearing Axles), Johnsonburg, Pa.

16771—Wheels (Chilled Bridge)

Atlas Car & Mfg. Co., Cleveland, O.
Lobdell Car Wheel Co., G nr Christiana, Wilmington, Del.

Wheels (Concrete Mixer)

See Wheels, Metal

16772— Wheels (Crane)

American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
Bonney-Floyd Co. (Manganese & Various Carbon & Alloy Steels), Columbus, O.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.

16773—Wheels (Derrick Bull)

Channon Jas. H. Mfg. Co. (For Swinging Booms on Derricks), 227 W Erie, Chicago, Ill.
National Equipment Co., 125 S Racine, av, Chicago, Ill.
See adv index at end of book

16773a— *Wheels (Derrick—Double Flange)

National Equipment Co., 123 S Racine av, Chicago, Ill. *See adv index at end of book*

16774— Wheels (Disc)

Buffalo Forge Co., Buffalo, N. Y.
Champion Blower & Forge Co. ("Champion"), Lancaster, Pa.

16775— Wheels (Driving)

American & British Mfg. Co., Charles, Providence, R. I.
Baltimore Car-Wheel Co., Fulton Station, Baltimore, Md.
Brown A. & F. C., 79 Barclay, New York,
Chester Steel Casting Co., Chester, Pa.
Commonwealth Steel Co. ("Davis" Steel), Pierce bldg, St. Louis, Mo.
Falk Co., ft 30th, Milwaukee, Wis.
JEFFREY MFG. CO., 961 N 4th, Columbus, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
Nagle Corliss Engine Works (For Power Drive), Erie, Pa.
New York Car Wheel Co., Buffalo, N. Y.
Ramapo Iron Works, Hillburn, N. Y.
Wason Mfg. Co., Springfield, Mass.

Wheels (Driving, Steel Tired)

See Wheels, Steel Tired Car

16776— Wheels (Dry Kiln)

See also Wheels, Metal
Chase Foundry & Mfg. Co., 2700 Parsons av, Columbus, O.
See adv index at end of book

16777— Wheels (Felt)

Bacon Felt Co. ("Bacon"), Winchester, Mass.
Day S. A. Mfg. Co., 1483 Niagara, Buffalo, N. Y.
Eastern Felt Co. (For Polishing, etc), Winchester, Mass.

16778—Wheels (Fibre Truck)

Lansing Co., Lansing, Mich.
National Fibre & Insulation Co., Yorklyn, Del.
Standard Fibre Co., Miller st, Sommerville, Mass.

16779-80 Wheels (Fifth)

Columbus Bolt Works Co., Columbus, O.
Donigan & Nielson ("Nielson"), 743 3d av, Brooklyn, N. Y.
Eccles Richard Co., Auburn, N. Y.
Empire Roller Fifth Wheel Works (Roller), Quincy, Ill.
Gogel Mfg. Co. (Center & Rear King Bolt), Toledo, O.
Herbrand Co., Fremont, O.
Keystone Forging Co. ("Derby"), Northumberland, Pa.
King Fifth Wheel Co., 5027 Beaumont av, Phila., Pa.
Martin Rocking Fifth Wheel Co. (Truck Convertible), 21 Besse pl, Springfield, Mass.
Millersburg Fifth Wheel Co., Millersburg, Pa.
National Safety Fifth Wheel Co., Lancaster, Pa.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Superior Fifth Wheel Co., Superior, Wis.
Wilcox D. Mfg. Co. (Full Line), Mechanicsburg, Pa.

16781— Wheels (Fly)

Brown A. & F. Co., 79 Barclay, New York.
Caldwell E. R. & Co., Bradford, Pa.
Carey W. W. Co. (Wood Rim, Iron Center), Lowell, Mass.
Cooper C. & G. Co., Mount Vernon, O.
Cresson-Morris Co. (Up to 30 ft), Allegheny & 18th, Phila., Pa.
Danville Foundry & Machine Co., Danville, Pa.
DODGE SALES & ENGINEERING CO., Mishawaka, Ind.
Erie Forge Co. (Links), Erie, Pa.
Eyster, Weiser & Co., York, Pa.
Filer & Stowell Co., Milwaukee, Wis.
Fitchburg Foundry Co., Fitchburg, Mass.
Golden's Foundry & Machine Co., Columbus, Ga.
Goodnow L. H. F'dy Co. (Finished Ready for Engine), Fitchburg, Mass.
Great Lakes Engineering Works, Detroit, Mich.
Hardie-Tynes Mfg. Co., Birmingham, Ala.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Interstate Foundry Co., E 61st & Erie R. R., Cleveland, O.
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Lehigh Foundry Co. (To Any Size), Fullerton, Pa.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
Mackintosh, Hemphill & Co. (Large for Rolling Mills, etc), Pittsburgh, Pa.
Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book
Nagle Corliss Engine Works (Extra Heavy, etc), Erie, Pa.
Nordberg Mfg. Co., Milwaukee, Wis.
Philadelphia Roll & Machine Co., 25th & Wash'n av, Phila., Pa.
Platt Iron Works Co., Dayton, O.
Poole Engineering & Machine Co. (Up to 50 ft Diameter & 12 ft Face), Woodberry Station, Baltimore, Md.
Pyott Co., 1401 W North av, Chicago, Ill.
Pyott Foundry Co., 328 N Sagamon, Chicago, Ill.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
United Iron Works Co., Kansas City, Mo.
Vulcan Iron Works, Wilkes-Barre, Pa.
Wearne Bros., Omaha, Neb.
Webster Mfg. Co., Tiffin, O.
WHITON D. E. MFG. CO. (Finished Ready for Gas Engines), New London, Conn. *See adv index at end of book*
Wood's T. B. Sons Co., Chambersburg, Pa.

16782—Wheels (Fly Rope Pulley)

Finch Mfg. Co. (Sheave), Scranton, Pa.
Mackintosh, Hemphill & Co. (Large), Pittsburgh, Pa.

16783— Wheels (Gear)

Bonney-Floyd Co. (Various Carbon Steels, Manganese & Alloy Steels), Columbus, Ohio
Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book

16784—*Wheels (Gear, Hard Fibre)

DELAWARE HARD FIBRE CO., Wilmington Del. Works: Marshallton, Del. *See adv index at end of book*
National Fibre & Insulation Co., Yorklyn, Del.
WILMINGTON FIBRE SPECIALTY CO., Wilmington, Del.
See adv index at end of book

16785— Wheels (Gilding)

Coe W. H. Mfg. Co. ("Coe's" & "Coe's" Ribbon Gold Leaf), 74 Weybosset, Providence, R. I.

16786—Wheels (Hand & Push Car)

Atlas Car & Mfg. Co., Cleveland, O.
Bonney-Floyd Co. (Special Alloy Steel, Manganese & Various Carbon Steels), Columbus, O.
Brown A. & F. Co., 79 Barclay, New York.
Eberly & Orvis Mfg. Co., Mechanicsburg, Pa.
ELECTRIC WHEEL CO., Station D, Quincy, Ill. *See adv index at end of book*
Eyster, Weiser & Co., York, Pa.
Kalamazoo Railway Supply Co. (Pressed Steel "Kalamazoo"), Kalamazoo, Mich.
Lansing Co., Lansing, Mich.
Little J. R. Metal Wheel Co., Quincy, Ill.
Lobdell Car Wheel Co., G nr Christiana, Wilmington, Del.
New York Car Wheel Co., Buffalo, N. Y.
Sanford-Day Iron Works, Knoxville, Tenn.
Sheffield Car Co., Three Rivers, Mich.

16787—Wheels (Industrial Car)

Bonney-Floyd Co. (Special Alloy Steel, Self-Lubricating, All Types), Columbus, O.

16788-9—Wheels (Logging)

Holt Mfg. Co., Stockton, Cal.
Huntsville Foundry & Machine Co., Huntsville, Ala.
Little J. R. Metal Wheel Co., Quincy, Ill.
Streich A. & Bro. Co. (10 to 12 Feet), Oshkosh, Wis.

16790—Wheels (Marble & Granite Polishing)

Bacon Felt Co. ("Bacon"), Winchester, Mass.
Harrison Supply Co., 5 Dorchester av Extension, Boston, Mass.

16791—Wheels (Marine Steering)

See also Gears, Marine Steering

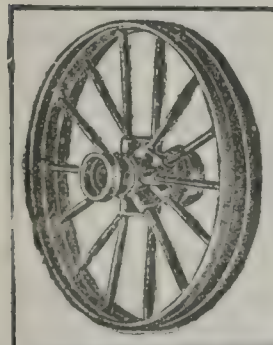
Barnes Tool Co., New Haven, Conn.
Byrne, Kingston & Co. ("Kingston"), Kokomo, Ind.
Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.
Gillie Machine Co., Tonawanda, N. Y.
Hall W. S. Co., Rochester, N. Y.
Laughlin, Thomas Co., Portland, Me.
Marine Mfg. & Supply Co., 158 South, New York
Stoddart A. P. & Co., Gloucester, Mass.
Wilcox, Crittenden & Co. (Bronze, Iron & Wood), Middletown, Conn.

16792— Wheels (Metal)

Aluminum Casting Co. (Aluminum Truck), Cleveland, O.
Baker A. D. Co., Swanton, O.
Bay State Metal Wheel Co., East Templeton, Mass.
Buchanan Electric Steel Co. (Truck), 806 Jackson blvd, Chicago, Ill.
Bush Foundry & Metal Wheel Co., Quincy, Ill.
Clark W. J. Co. ("Clarco" for Gasoline Trucks), Salem, O.
Dayton Steel Foundry Co. (Truck), Dayton, O.
ELECTRIC WHEEL CO. (Steel Wagon, Carts, etc), Station D, Quincy, Ill.
See adv index at end of book
Empire Mfg. Co., Quincy, Ill.
French & Hecht (Truck), Davenport, Ia.
Geneva Metal Wheel Co. ("Geneva Security" All Steel), Geneva, O.
Havana Metal Wheel Co., Havana, Ill.
Heartley Machine, Variety Iron & Tool Works (Children's Carriages, Wagons, Wheelbarrow, Implements, etc), 900 Summit, Toledo, O.
JACKSON MFG. CO., Harrisburg, Pa.
See adv index at end of book
Kilbourne & Jacobs Mfg. Co. ("Lewis" Steel Spoke), Columbus, O.
Knox Metal Wheel Co., Knox, Ind.
Lansing Wheelbarrow Co., Lansing, Mich.
Little J. R. Metal Wheel Co. (Truck & For All Purposes), Quincy, Ill.
Mott Wheel Works (Wire), Jackson, Mich.
Niles & Scott Co., Laporte, Ind.
Peru Plow & Wheel Co., Peru, Ill.
Prudden Wheel Co. (Motor Truck), Lansing, Mich.
Sheffield Car Co. (Steel Truck), Three Rivers, Mich.
Shunk Plow Co. (Steel for Farm Wagons), Bucyrus, O.
Smith A. O. Co. (Bicycle), Milwaukee, Wis.
Smith Wheel (Inc.), (Metal Wheels for Trucks), Syracuse, N. Y.
Standard Steel Castings Co. (For Motor Trucks), 3311 W 73d, Cleveland, O.
Toledo Metal Wheel Co. (Small Wheels for Toy Automobiles, Baby Carriages, etc), Toledo, O.
Victor Truck Co. ("Victor" Casters, Stationery & Tongue Swivel Truck Wheels, Plain, Ball & Roller Bearings, & Axles), Johnsonburg, Pa.
Western Wheelbarrow Mfg. Co. ("Copper" Patent), South Ft. Smith, Ark.
West Steel Casting Co. (Truck), 805 E 70th, Cleveland, O.
Williams Steel Wheel & Rim Co., Utica, N. Y.

16793—Wheels (Mine Car)

American Car & Foundry Co. (Self-Oiling), Syndicate Trust bldg, St. Louis, Mo.
American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
American Steel Foundries, McCormick bldg, Chicago, Ill.
Atlas Car & Mfg. Co., Cleveland, O.
Bartlett & Co., Saginaw, Mich.
Bonney-Floyd Co. (Special Alloy Steel, All Types, Self-Lubricating), Columbus, O.

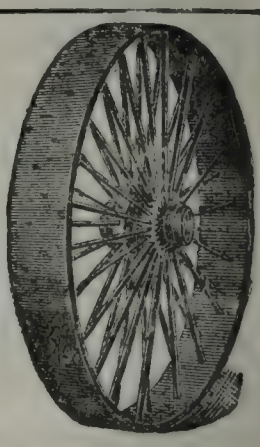


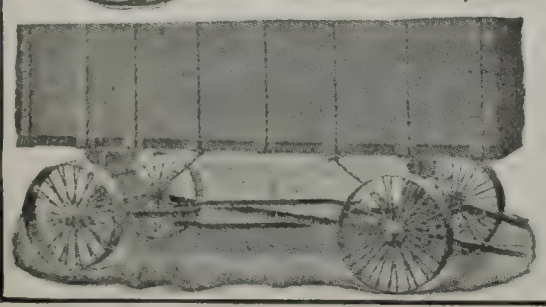
"ELECTRIC STEEL WHEELS"

The Built-to-last Kind

For any purpose, any size or width of Tire to fit any kind or size of axle

Wheels for Truck Wagons, Contractors' Wagons and Carts; Farm Implements, CONCRETE MIXERS, Road Machinery, Log Wagons, Portable Mounts, TRACTION ENGINES, Heavy Trucks of all kinds; also complete Farm Trucks, Log and Freighting Wagons, wood and steel axles.





HEAVY FREIGHTING WAGONS

WRITE FOR CATALOGS

ELECTRIC WHEEL COMPANY

Station "D," QUINCY, ILL., U. S. A.

Bowler Fdy. Co. (Chilled), 1688 Columbus, Cleveland, O.
Buda Co., Railway Exch bldg, Chicago, Ill.
Chattanooga Car & Foundry Co., Chattanooga, Tenn.
Cherry Tree Machine Co. (Ring Oiler), Cherry Tree, Pa.
Connellsville Machine & Car Supply Co., Connellsville, Pa.
Duncan Foundry & Machine Works ("Hercules" Chilled), Alton, Ill.
Eagle Iron Works ("Eagle"), Des Moines, Ia.
Eagle Iron Works Co. ("Parker"), Terre Haute, Ind.
Easton Car & Construction Co., 15 Center sq, Easton, Pa.
See adv index at end of book
Enterprise Foundry & Machine Works (A. W. Whitney's" Self-Oiling), Bristol, Tenn.
Eyster, Weiser & Co., York, Pa.
Fairmont Mining Machinery Co. (Self-Oiling), Fairmont, W. Va.
Fuller-Lehigh Co., Fullerton, Pa.
Fulton Pit Car Co. (Semi-Steel), Canal Fulton, Ohio
Galena Iron Works Corp., Galena, Ill.
Griffin Wheel Co., 332 S Michigan av, Chicago, Ill.
Gustafson Mfg. Co. ("Gustafson" Self-Oiling Roller Bearing), Chattanooga, Tenn.
Harman & Hassert, Bloomsburg, Pa.
Helmick Foundry & Machine Co., Fairmont, W. Va.
Hempfield Foundry, Greensburg, Pa.
Herzler & Henninger Machine Works, Belleville, Ill.
Hockensmith Wheel & Mine Car Co. ("Eureka" Roller Bearing, etc), Penn Station, Pa.
Industrial Iron Works, Clinton, Mo.
Irwin Foundry & Mine Car Co. ("Eureka" Waste Packed), Irwin, Pa.
Kanawha Mine Car Co. (Wheels & Axles), Charleston, W. Va.
Kilby Car & Foundry Co., Anniston, Ala.
Lake Shore Engine Works ("Florida Improved"), Marquette, Mich.
Lansing Co., Lansing, Mich.
Litchfield Fdry. & Mach. Co., Litchfield, Ill.
Lobdell Car Wheel Co. ("Faught's"), Closed Hub, Self-Oiling Chilled Wheels), G. nr Christiana, Wilmington, Del.
Love Mfg. Co. (Self-Oiling), Corry, Pa.
Mineral Ridge Mfg. Co., Mineral Ridge. O.
National Malleable Castings Co., 7706 Platt av, S. E., Cleveland, O.
New York Car Wheel Co., Buffalo, N. Y.
Niles Mine & Supply Co., Niles, O., & Williamson bldg, Cleveland, O.
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Pennsylvania Casting & Machine Co. (Wheels & Axles), 501 Preble, Pittsburgh, Pa.
Phillips Mine & Mill Supply Co., 2227 Jane, Pittsburgh, Pa.
Pittsburgh Iron & Steel Foundries Co. (Roller Bearing), Midland, Pa.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Ramapo Fdry. & Wheel Works, Ramapo, N. Y.
Reliance Steel Casting Co., 28th & Smallman, Pittsburgh, Pa.
Sanford-Day Iron Works ("Whitney" Roller Bearing), Knoxville, Tenn.
South Fork Foundry & Machine Works, South Fork, Pa.
Southern Wheel Co. Railway Exch. bldg, St. Louis, Mo.
Star Mfg. Co., New Lexington, O.
Stine S. B., Osceola Mills, Pa.
Union Iron Works (Inc.), Spokane, Wash.
United Iron Works Co., Kansas City, Mo.
Watt Mining Car Wheel Co. (Self-Oiling & Roller Bearing), Barnesville, O.
Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.
Wilkes-Barre Iron Mfg. Co., Wilkes-Barre, Pa.

Wheels (Motor Truck)

See Wheels, Metal

16794—Wheels (Pipe Cutter)

Barnes Tool Co. ("Saunder's" Patent), New Haven, Conn.
Collmer Bros., South Bend, Ind.
CROWN DIE & TOOL CO. ("Crown" Patented Serrated), 553 W Monroe, Chicago, Ill.
Ellis & Ford Mfg. Co., Detroit, Mich.
Mark Mfg. Co., Evanston, Ill.
National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.
Walworth Mfg. Co., Boston, Mass.

Wheels (Polishing)

See Wheels, Buffing & Polishing

16795—Wheels (Pressed Steel)

Buda Co., Railway Exch. bldg, Chicago, Ill.
Clark W. J. Co. ("Clarco"), Salem, O.
Galesburg Coulter-Disc Co., Galesburg, Ill.
Indestructible Wheel Co., Lebanon, Ind.
Oakes Co. The, Indianapolis, Ind.

16796— Wheels (Propeller)

See also Ship Builders

American Manganese Bronze Co. (Brass & Bronze), 3501 Rhawn, Phila., Pa.
Am. Screw Propeller Co., 1326 Chestnut, Phila., Pa.
Auto Engine Works (For Boats), University & Griggs av, St. Paul, Minn.
Barber Bros. (Reversing), Syracuse, N. Y.
Bay City Iron Co., Bay City, Mich.
Bayonne Casting Co. (Monel Metal), Bayonne, N. J.
Bryant & Berry Co. ("B. & B."), 32 W Atwater, Detroit, Mich.
Cahill W. S. Co., ft of Webster, Baltimore, Md.
Camden Anchor-Rockland Machine Co. ("Knox"), Camden, Me.
Chester Steel Casting Co., Chester, Pa.
Columbian Bronze Corp. ("Columbian"), 50 Church, New York
Cramp Wm. & Sons Ship & Engine Building Co., Beach & Ball, Phila., Pa.
Detroit River Iron Works, Detroit, Mich.
Duluth Gas Engine Works ("Crescent"), Duluth, Minn.
Erie Specialty Co. (Brass & Bronze), 520 W 12th, Erie, Pa.
Ferguson F. & Son, Hoboken, N. J.
Frontier Engineering Co., Detroit, Mich.
Gibson & Kirk Co. (Brass for Launches, etc), 217 Key Highway, Baltimore, Md.
Great Lakes Engineering Works, Detroit, Mich.
Hyde Windlass Co. ("Gale"), Bath, Me.
Lacy Jas. J. Co., Block & Wills, Baltomore, Md.
Lake Shore Engine Works ("New Superior" Reversible), Marquette, Mich.
Laughlin Thos. Co. (Bronze), Portland, Me.
Lockwood Mfg. Co., 65 Sumner East, Boston, Mass.
McFarland Foundry & Machine ("Harthan"), Trenton, N. J.
Marine Hardware Co. ("Geyer" Reversible), Peabody, Mass.
Marine Hardware - Equipment Co. ("Acme" Manganese Bronze), South Portland, Me.
Michigan Wheel Co., Grand Rapids, Mich.
Montague Iron Wks. (From 3 to 10 ft. in Diameter), Corn Exc. Bank bldg, Chicago, Ill.
Moore Sam'l L. & Sons, Elizabeth, N. J
Morris Machine Works, Baldwinsville, N. Y.
New London Marine & Iron Works, New London, Conn.
Penn Seaboard Steel Corp., 1418 Chestnut, Phila., Pa.
Portland Co., Portland, Me.
Pusey & Jones Co. (Also Gearing Wheels), ft Poplar, Wilmington, Del.
Reeves Paul S. & Co. ("Reeves" Tubal Manganese Bronze, also Brass, Bronze & Phosphor Bronze), 1415 Cathrine, Phila., Pa.
ROPER C. F. & CO. ("Roper"), Hopedale, Mass. ***See adv index at end of book***
Shaw Propeller Co. ("Shaw" Marine), 15 Elkins), Boston, Mass.
Sheriffs Mfg. Co., Milwaukee, Wis.
Sterling Engine Co. ("Sterling" Reversible Blade for Motor Boats), Buffalo, N. Y.
Sullivan Jno. W. Co., 827 E 9th, New York
Thacher Geo. H. & Co., Albany, N. Y.
Trout H. G. Co., Buffalo, N. Y.
Vanadium Metal Co., Vanadium bldg, Pittsburgh, Pa.
Wilmarth & Morman Co. ("Sintz"), 1151 Monroe av N W, Grand Rapids, Mich.

16796a— Wheels (Pulley)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

16797—Wheels (Racking Chain)

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.

16798—Wheels (Radiator Valve Wood)

See also Wheels, Valve, Wood

Bogert & Hopper, 67 Barclay, New York.
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Standard Turning Works, Cambridge, Mass.
Thayer Geo. A., Watson, Mass.

16799—Wheels (Ratchet Brake)

American Vulcanized Fibre Co. (Fibre), 504 Equitable bldg, Wilmington, Del.
Baker John S. ("Beverly" Ratchet Clutch Vertical, for Vestibuled Street Cars), Beverley, Mass.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

16800— Wheels (Reducing)

See also Indicators; also Planimeters

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
Ashcroft Mfg. Co. (For Steam & Gas Engine Indicators), 119 W 40th, New York
Bushnell John S. & Co. ("Ideal"), 146 Liberty, New York
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
Mallery S. W. (Indicator), 123 Liberty, New York
Robertson Jas. L. & Son ("The Victor"), 78 Murray, New York
SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book
Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.
Thompson Richard & Co. ("Ideal"), 126 Liberty, New York
Trill Indicator Co. ("Faultless"), Corry, Pa.

16801—Wheels (Roller Bearing)

Bonney-Floyd Co. (Special Alloy Steel for Mine & Industrial Cars, Self-Lubricating), Columbus, O.
Chattanooga Car & Foundry Co., Chattanooga, Tenn.
EASTON CAR & CONSTRUCTION CO., 15 Center sq, Easton, Pa.
See adv index at end of book
Gustafson Mfg. Co., Chattanooga, Tenn.

16802—Wheels (Roller Skate)

American Vulcanized Fibre Co. (Fibre), 504 Equitable bldg, Wilmington, **Del.**
Bogert & Hopper (Wooden), 67 Barclay, New York
Boston Pressed Metal Co. (To Order Only), 169 Union, Worcester, Mass.
Continental Fibre Co. (Vulcanized Fibre), Newark Centre, Del.
DELAWARE HARD FIBRE CO. (Fibre), Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*
Diamond State Fibre Co. (Fibre), Elsmere, Del.
ESTES E. B. & SONS (Wooden), 364 5th av, New York *See adv index at end of book*
Flagg Stanley G. & Co. (Mall, Iron), Morris bldg, Phila., Pa.
MATTHEWS MFG. CO. (Steel), 104 Gold, Worcester, Mass.
See adv index at end of book
National Fibre & Insulation Co. (Fibre), Yorklyn, Del.
Spaulding J. & Sons Co. (Hard Fibre), P. O. Box 52, Tonawanda, N. Y.
See adv index at end of book
Union Hardware Co., Torrington, Conn.
Worcester Pressed Steel Co., Worcester, Mass.

16803— Wheels (Rope)

Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book

16804—Wheels (Rubber Tired)

Clark Geo. P. Co. (Trucks & Furniture), Windsor Locks, Conn.
Clark W. J. Co. (Clarco"), Salem, O.
Lansing Co. (Truck), Lansing, Mich.
Meeker Mfg. Co., Dayton, O.
Rome Scale & Mfg. Co., Rome, Ga.
Sewell Cushion Wheel Co., Detroit, Mich.

16805— Wheels (Self-Oiling)

(For Mine & Other Light Cars)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
American Manganese Steel Co. ("Amsco" & "Stag") Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
American Scale Co., Kansas City, Mo.
Atlas Car & Mfg. Co., Cleveland, O.
Bonney-Floyd Co. (Special Alloy Steel for Mine & Industrial Cars, All Types), Columbus, O.
Chattanooga Car & Foundry Co. ("Moccasin"), Chattanooga, Tenn.
Chrome Steel Works (Mine Car, Canada Patent), Chrome, N. J.
Denver Engineering Works Co., Denver, Col.
Duncan Foundry & Machine Works (Chilled), Alton, Ill.
EASTON CAR & CONSTRUCTION CO., 15 Center sq, Easton, Pa.
See adv index at end of book
Fairmont Mining Machinery Co. (Mine Car), Fairmont, W. Va.
Fuller Lehigh Co., Fullerton, Pa.
Gustafson Mfg. Co. (For Mine Cars), Chattanooga, Tenn.
Helmick Foundry & Machine Co. (Chilled), Fairmont, W. Va.
Kilbourne & Jacobs Mfg. Co., Columbus, Ohio
Lake Shore Engine Works ("Flodin"), Marquette, Mich.
Lansing Co., Lansing, Mich.
Lobdell Car Wheel Co. ("Faught's" Closed Hub), G nr Christiana, Wilmington, Del.
Ottumwa Box Car Loader Co. (Mine Car), Ottumwa, Ia.
Phillip's Mine Supply Co., 2227 Jane, Pittsburgh, Pa.
Southern Wheel Co., Railway Exch. bldg, St. Louis, Mo.
Stine S. B., Osceola Mills, Pa.
Truax Mfg. Co., Denver, Col.
Union Iron Works, Spokane, Wash.
United Iron Works Co., Kansas City, Mo.
Watt Mining Car Wheel Co. (Mine Car), Barnesville, O.

16806—Wheels (Solid Forged & Rolled Steel)

Standard Steel Works Co., Morris bldg, Phila., Pa.

16807—Wheels (Solid Rubber)

Home Rubber Co. (Brewers', etc), Trenton, N. J.

16808— Wheels (Spinning)

Pierce F. B. Co., Keene, N. H.

16809— Wheels (Sprocket)

American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
Baldwin Chain & Mfg. Co., Worcester, Mass.
Barnard & Leas Mfg. Co., Moline, Ill.
BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
Blount Engineering Co., 100 High, Boston, Mass.
Brown A. & F. Co., 79 Barclay, New York
Bullock Chas. K., 1361 Ridge av, Phila., Pa.
Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
Chain Belt Co., Milwaukee, Wis.
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Chisholme-Moore Mfg. Co. (Chain), 5046 Lakeside, Cleveland, O.
Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
Crofoot Gear Works, Cambridge, Mass.
Cullman Wheel Co., 1346 Altgeld, Chicago, Ill.
Davis Rodney, 624 Race, Phila., Pa.
Diamond Chain & Mfg. Co., Indianapolis, Ind.
Diamond Iron Works (For Saw Mills, etc), 2nd & 18th av N, Minneapolis, Minn.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Farnum Mfg. Co., 39 Indiana, Buffalo, N. Y.
Filer & Stowell Co., Milwaukee, Wis.
FOOTE BROS. GEAR & MACHINE CO. (Plain or Hub), 210 N Carpenter, Chicago, Ill. *See adv index at end of book*
Fuller Lehigh Co., Fullerton, Pa.
GANSCHOW WM. CO. (Plain or Hub), 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
Garland M. Co., Bay City, Mich.
Great Western Mfg. Co., Leavenworth, Kan.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
James D. O. Mfg. Co. (Plain or Hub), 1120 W Monroe, Chicago, Ill.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Jones W. A. Foundry & Machine Co. (For Chain Drives, Gearing), 4401 W 12th, Chicago, Ill.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P & R. Ry., Phila., Pa.
See adv index at end of book
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
Meese & Gottfried Co., 660 Mission, San Francisco, Cal.
Meisel Press Mfg. Co., 942 Dorchester av, Boston, Mass.
Michigan Sprockett Chain Co., Delray, Detroit, Mich.
Montgomery Coal Washing & Mfg. Co., Birmingham, Ala.
Moline Malleable Iron Co., St. Charles, Ill.
Muncie Gear Works, Muncie, Ind.
New England Pressed Steel Co., Natick, Mass.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Parish & Bingham Co. (Motorcycle), Madison av & W 106th, Cleveland, O.
Philadelphia Gear Works, East Vine, Phila., Pa.
Portland Iron Works, 14th & Northrup, Portland, Ore.
Pyott Co., 1401 W North av, Chicago, Ill.
Sier-Bath Co., 143 W 54th, New York
Skillin & Richards Mfg. Co., 4520 Cortland, Chicago, Ill.
Standard Sand & Machine Co., 5150 St. Clair av, Cleveland, O.
Stephens-Adamson Mfg. Co., Aurora, Ill.
Union Malleable Iron Co., East Moline, Ill.
United Iron Works Co., Kansas City, Mo.
Webster Mfg. Co., Tiffin, O.
Weller Mfg. Co., 1856 N Kostner av, Chicago, Ill.
Woburn Gear Works, Woburn, Mass.

16810-1—Wheels (Steel Tired Car)

Fuller-Lehigh Co., Fullerton, Pa.
Lobdell Car Wheel Co., G nr Christiana, Wilmington, Del.
Midvale Steel & Ordnance Co., Widener bldg, Phila., Pa.
Prosser Thos. & Son (the Krupp), 15 Gold, New York
Railway Steel Spring Co., 30 Church, New York
Sanford-Day Iron Works, Knoxville, Tenn.
Standard Steel Works Co. (Car & Locomotive), Morris bldg, Phila., Pa.
Taylor Electric Truck Co., Troy, N. Y.

Wheels (Steel Truck)

See Wheels, Metal

16812—*Wheels (Steel Vehicle)

See also Wheels, Metal

ELECTRIC WHEEL CO., Station D, Quincy, Ill. *See adv index at end of book*

Wheels (Steering)

See Wheels, Automobile Steering; also Wheels, Marine Steering

Wheels (Street Car)

See Wheels, Car

16813— Wheels (Toy Cart)

Estes E. B. & Sons (Wood), 364 5th av, New York. *See adv index at end of book*

16814— Wheels (Tracing)

Cassady, Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Lowentrant P. Mfg. Co., 36 Brenner, Newark, N. J.
Osborne C. S. & Co., Harrison, N. J.

16815— Wheels (Traction)

Electric Wheel Co. (Engine), Station D, Quincy, Ill. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

16816—Wheels (Traveling Crane)

American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
Lobdell Car Wheel Co. (Chilled Double Flange), G nr Christiana, Wilmington, Del.
New York Car Wheel Co., Buffalo, N. Y.

16817— Wheels (Trolley)

American Safety Lamp & Mine Supply Co., Scranton, Pa.
Anderson Albert & J. M. Mfg. Co. ("West End," Made of Special Metal), 289 A, Boston, Mass.
Bayonet-Trolley-Harp Co. ("Bayonet," Pure Copper, Self - Lubricating), Springfield, O.
Benedict & Burnham Branch ("Franklin"), Waterbury, Conn.
Brady Brass Co. ("Cyprus"), 170 14th, Jersey City, N. J.
Buckeye Iron & Brass Works (Bronze), Dayton, O.
Cleveland Trolley Wheel Co., Cleveland, O.
Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
Edna Brass Mfg. Co., Cincinnati, O.
Electrical Material Co. ("Urban," "Interurban"), 618 W Jackson blvd, Chicago, Ill.
Electric Ry. Equipment Co., Cincinnati, O.
Eureka Co. (Bronze), North East, Pa.
Flood City Mfg. Co., Johnstown, Pa.
GENERAL ELECTRIC CO. (Composed of a Copper Alloy, Self-Lubricating), Schenectady, N. Y.
See adv index at end of book
Graham Jas. & Co., New Haven, Conn.
Hensley Trolley & Mfg. Co., 363 Holden av, Detroit, Mich.
Hercules Metal Works (Bronze), Catasauqua, Pa.
Hodgkins J. F. Co., Gardner, Me.
Holden & White, Fisher bldg, Chicago, Ill.
Holland Trolley Supply Co., 1623 E 43d, Cleveland, O.
International Register Co. ("Excelsior"), 15 Throop, Chicago, Ill.
Ives H. B. Co. ("New Haven"), New Haven, Conn.
Lovell F. H. & Co., Arlington, N. J.
Magnus Co., 111 B'way, New York
More-Jones Brass Mfg. Co. (Lubricated Oilless), B'way & Dock, St. Louis, Mo.
National Brass Mfg. Co. (Also "Standard" Sleet Wheels), Rochester, N. Y.
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Ohio Brass Co., Mansfield, O.

Sackett Mine Supply Co., 164 N 3d, Columbus, O.
Star Brass Works ("Kalamazoo," Pure Copper), Kalamazoo, Mich.
Stuart-Howland Co. ("Amesbury"), 234 Congress, Boston, Mass.
Universal Trolley Wheel Co., Northampton, Mass.
Wesco Supply Co. ("Wesco," Pure Copper), 7th & Clark av, St. Louis, Mo.

16817a— Wheels (Truck)

Victor Truck Co. ("Victor" Stationary, Plain, Roller & Ball Bearing & "Victor" Tongue, Swivel, Plain & Roller Bearing Axles), Johnsonburg, Pa.

16818—Wheels (Valve, Metal)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Forg Peter Mfg. Co. (Pressed Steel), 50 Park, Somerville, Mass.
Hodge & Stone, Middletown, Conn.
Jarecki Mfg. Co., Erie, Pa.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Marble W. P. Co., 15 Chardon, Boston, Mass.
Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
Powell Wm. Co., Cincinnati, O.
Walworth Mfg. Co., Boston, Mass.
Yonts C. H. & Co. ("Noburn"), Meadville, Pa.

16819—Wheels (Valve Wire)

Lynd L. E. Mfg. Co. ("Zero"), Mechanicsville, N. Y.
Sawyer Tool Mfg. Co. ("Prouty"), Ashburnham, Mass.

16820—Wheels (Valve, Wood)

See also Wheels, Radiator Valve

Bogert & Hopper, 67 Barclay, New York
Eby F. B. Handle Co., 12th & Stanley, Detroit, Mich.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Holton-Abbott Mfg. Co. ("Kantsplit," Wood Metal Unitized), 59 Goram, West Somerville, Mass.
Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.
Standard Turning Works, Cambridge, Mass.
STILES H. A. & CO. (Wood), 93-97 Oliver, Boston, Mass. *See adv index at end of book*

Wheels (Vehicle)

See Wheels, Metal; also Wheels, Steel Vehicle

Wheels (Wagon)

See Wheels, Carriage & Wagon

16821— Wheels (Well)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Channon Jas. H. Mfg. Co. (Cast Iron), 227 W Erie, Chicago, Ill.
Colebrookdale Iron Co. (Or Gin Wheels), Pottstown, Pa.
Laughlin Thos. Co. (Anti-Friction), Portland, Me.
New London Vise Works (Roller Bushed), New London, Conn.
Reading Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn.
Susquehanna Casting Co., Wrightsville, Pa.
Weller Hdw. & Fdry. Co., Horseheads, N. Y.
Wilcox, Crittenden & Co., Middletown, Conn.
Wrightsville Hardware Co., Wrightsville, Pa.

Wheels (Wheelbarrow)

See Wheels, Barrow; also Wheels, Metal

16822— Wheels (Wire)

Bridgeport Engineering Co. ("Dunlap" Automobile), Stratford, Conn.
Cameron Wire Wheel Co., 47 Adelaide, Detroit, Mich.
Dayton Wire Wheel Co. (Ford & Chevrolette), Dayton, O.
Kelly Automobile Co., 4560 W Congress, Chicago, Ill.
Lee & Porter (With Channel Irons for Cushion Rubber Tires), Buchanan, Mich.
Mott Wheel Works, Jackson, Mich.
National Wire Wheel Works (For Automobiles & Aeroplanes), Geneva, N. Y.
Phelps Mfg. Co., Columbus, O.
Rastetter Louis Sons, Fort Wayne, Ind.
Reed & Curtis Machine Screw Co., Worcester, Mass.
Spranger Rim & Wheel Co., 139 Beaubien, Detroit, Mich.
STANDARD ROLLER BEARING CO. ("Rudge Whitworth"), 50th & Lancaster av, Phila., Pa.
Universal Welding Co., St. Anne, Ill.
Weston-Mott Co. (Steel Rims), Flint, Mich.
Wire Wheel Corp. of America, Springfield, Mass.

16823—Wheels (Wire Spoke)

Gendron Wheel Co., Toledo, O.
Toledo Metal Wheel Co., Toledo, O.

Wheels (Wood)

See Wheels, Carriage & Wagon

Wheels (Worm)

See Gears, Worm

16824—Wheels & Axles (Ball or Roller Bearing)

Archibald Wheel Co., 150 West, Lawrence, Mass.
Atlas Car & Mfg. Co., Cleveland, O.
Bonney-Floyd Co. (Special Alloy Steel, Roller Bearing, Self-Lubricating), Columbus, O.
Buda Co., Railway Exch. bldg, Chicago, Ill.
Burgess & Norton Mfg. Co. ("Gazelle" Ball Bearing Vehicle Axles), Geneva, Ill.
Concord Axle Co. ("Brown's" Roller Bearing), Penacook, N. H.
Duncan Foundry & Machine Works (Roller Oiled), Alton, Ill.
EASTON CAR & CONSTRUCTION CO., 15 Center sq, Easton, Pa.
See adv index at end of book
Evans & Coppins Co. (Ball), Princeton, Ill.
Gustafson Mfg. Co., Chattanooga, Tenn.
Hutchinson Jno. Mfg. Co. (Roller Bearings), Jackson, Mich.
Lee & Porter Mfg. Co. ("Porter" Vehicle), Buchanan, Mich.
Pittsburgh Iron & Steel Foundries Co. (Roller Bearing Wheels), Midland, Pa.
Sheldon Axle & Spring Co. (Ball Bearing & Roller Bearing Motor Trucks Axles), Wilkes-Barre, Pa.
Southern Wheel Co., Railway Exchange bldg, St. Louis, Mo.
Timken Roller Bearing Co. (Roller Bearing Only), Canton, O.
United Iron Works Co., Kansas City, Mo.
Weston-Mott Co. (Automobile, etc), Flint, Mich.
Youngstown Steel Car Co., Youngstown, O.

16825-6— Whetstones

Bracner Co., Belleville, N. J.
Pike Mfg. Co., Pike, N. H.
Scranton Whetstone & Abrasive Wheel Co. ("Ideal"), Scranton, Pa.

16827— Whip Mfrs.

American Whip Co., Westfield, Mass.
Austin-Warren Co., Westfield, Mass.
Bardall J. C. Co. (Leather, Carriage, Drove, Shot Loaded, etc), Moundsville, W. Va.
Buchheimer Geo. H. (Dog), 1004 Rutland av, Baltimore, Md.
Cargill-Cleveland & Co., Westfield, Mass.
Cook & Parker, Westfield, Mass.
Cowles-Horan Whip Co., Westfield, Mass.
Featherbone Whip Co. ("Anti-Whalebone," "Featherbone" & Rubber-Bone"), Westfield, Mass.
Horse Whip Co., Westfield, Mass.
Independent Whip Co., Westfield, Mass.
Kentucky Whip & Collar Co., Eddyville, Ky.
Standard Whip Co., Westfield, Mass.
Steimer & Moore Whip Co., Westfield, Mass.
Tipp Whip Co., Tippecanoe City, O.
Underwood Whip Co., Westfield, Mass.
U. S. Whip Co., Westfield, Mass.
Van Deusen H. M. Whip Co., Westfield, Mass.
Ware Arthur W. & Co., 12 E 18th, New York

16828— Whip Stocks

Bardall J. C. Co. (Hickory), Moundsville, W. Va.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

16828a—Whistle Control (S. S.)

McNAB CO. ("Willett-Bruce" Automatic), Bridgeport, Conn.
See adv index at end of book

16828b— Whistle Operator

Pneumercator Co., Inc., 118 Liberty, New York. *See adv index at end of book*

16828c— Whistle Pulls

McNAB CO. ("McNab"), Bridgeport, Conn.
See adv index at end of book

16829— Whistles (Air)

American Steam Gauge & Valve Mfg. Co. 208 Camden, Boston, Mass.
Belknap Mfg. Co., Bridgeport, Conn.
Buckeye Iron & Brass Works, Dayton, O.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Loper Fire Alarm Co. (Compressed Air Fire), Stonington, Conn.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Ohio Brass Co., Mansfield, O.
Powell Wm. Co., Cincinnati, O.
WESTINGHOUSE TRACTION BRAKE CO., Pittsburgh, Pa.

16830—Whistles (Automobile & Motor Boat)

See also Horns, Automobile; also Horns, Fog

Chase Machine Co., Cleveland, O.
Durkee Chas. D. & Co. (Motor Boat), 2 South, New York
Edmonds & Jones Corp. (Motor Boat), 436 Lawton, Detroit, Mich.
Folsom H. & D. Arms Co., 314 B'way, New York
Gray-Hawley Mfg. Co. (Motor Boat), 937 E Jeff av, Detroit, Mich.
LUNKENHEIMER CO. (Motor Boat), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Sibley Pitman Electrical Corp. ("Tritone"), 19 W 36th, New York
Wilcox, Crittenden & Co. ("Ereful"), Middletown, Conn.

16831— Whistles (Chime)

American Steam Gauge & Valve Co., 208 Camden, Boston, Mass.
Belknap Mfg. Co., Bridgeport, Conn.
Buckeye Iron & Brass Works (All Brass, Single Bell, etc), Dayton, O.
Crane Co. (Est 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
Jarecki Mfg. Co., Erie, Pa.
Kelly & Jones Co. ("K. & J."), 135 Water, Pittsburgh, Pa.
Lonergan J. E. Co. (Single & Three Bell, etc), 211 Race, Phila., Pa.
LUNKENHEIMER CO. ("Tritone," Single Bell, Three Whistles, etc.), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McNab & Harlin Mfg. Co., 55 John, New York
Nathan Mfg. Co. (For Passenger Engines, etc), 416 E 106th, New York
Powell Wm. Co. (Single Bell, Three Whistles, etc), Cincinnati, O.
Queen City Brass & Iron Works (Single Bell), Cincinnati, O.
SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book
Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.

16832—Whistles (Conductors' & Starters')

Riley-Klotz Mfg. Co. ("Alpha" Police, Starters, etc), 17 Mulberry, Newark, N. J.
Woodman R. Mfg. & Supply Co., 82 Sudbury, Boston, Mass.

16833—*Whistles (Electrically Operated)

LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book

16834—*Whistles for Fog, Factory & Fire Signals

LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book

16835-6—*Whistles (Low Pressure)

LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book

Whistles (Motor Boat)

See Whistles, Automobile & Motor Boat

16837—Whistles (Speaking Tube)

American Safety Lamp & Mine Supply Co. (Slide, for Mines, etc), Scranton, Pa.
Everhart Brass Works (Heavy for Miners, etc), Scranton, Pa.

16838— Whistles (Steam)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
Ashton Valve Co., 161 1st, Cambridge, Mass.
Belfield H. Co., 435 N Broad, Phila., Pa.
Belknap Mfg. Co., Bridgeport, Conn.
Buckeye Iron & Brass Works, Dayton, O.
Crane Co., Bridgeport, Conn.
Crane Co. (Est 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see Alphabetical Section
Crosby Steam Gage & Valve Co. ("Crosby"), 40 Central, Boston, Mass.
Detroit Shipbuilding Co. (Brass Dept), Detroit, Mich
Edna Brass Mfg. Co., Cincinnati, O.
Gamewell Fire Alarm Telegraph Co., New York
Garratt W. T. & Co., 299 Fremont, San Francisco, Cal.
Haydenville Co., Haydenville, Mass.
Hydrox Storage Battery & Mfg. Co., 802 Plum, Cincinnati, O.
Jarecki Mfg. Co., Erie, Pa.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Kinsley Mfg. Co., 42 South av, Bridgeport, Conn.
Lake Superior Elec'l Co., Superior, Wis.
Lonergan J. E. Co., 211 Race, Phila., Pa.
Lovsted C. M. & Co., 704 Alaska bldg, Seattle, Wash.
LUNKENHEIMER CO. ("Mockingbird"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McNab & Harlin Mfg. Co., 55 John, New York
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
Nathan Mfg. Co. (Single & Plain Bell & Chime, for Passenger Locomotives, etc), 416 E 106th, New York
Pittsburgh Brass Mfg. Co., Pittsburgh, Pa.
Powell Wm. Co., Cincinnati, O.
Queens City Brass & Iron Works, Cincinnati, O.
SCHAEFFER & BUDENBERG MFG. CO. Berry & So 5th, Brooklyn, N. Y.
See adv index at end of book
Signal Control Co., 161 Washington, New York
Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.
Swift Lubricator Co., Elmira, N. Y.
Union Water Meter Co. ("Worcester Steam Gong"), Worcester, Mass.
Walworth Mfg. Co., Boston, Mass.

16838a— *Whistles (Toy)

Estes E. B. & Sons (Wood), 364 5th av, New York. *See adv index at end of book*

White China

See Porcelain (Hard)

16838b— White Enameling

Metal Crafters, E. Stroudsburg, Pa.
See adv index at end of book

White Metal

See Castings, White Metal

16839—*White Metal (Ornamental)

GORHAM COMPANY ARCHITECTURAL BRONZE, 5th av & 36th, New York
See adv index at end of book

16839a—White Metal (Rolled Sheet)

AMERICAN BRASS CO. (Benedict Nickel), Waterbury, Conn.
For branch offices see adv index at end of book
Riverside Metal Co., Riverside, N. J.
Seymour Mfg. Co. (A Nickel Alloy Similar to German Silver), Seymour, Conn.

16840—White & Red Lead Mfrs.

Acme White Lead & Color Works, Detroit, Mich.
Burgess Fobes & Co. (White Seal), Portland, Me.
Cambria Paint & Color Co. (Ltd.), (White Seal), Johnstown, Pa.
Carter White Lead Co., 12042 Peoria, Chicago, Ill.
Chadwick-Boston Lead Co. ("Forest River," "Boston Star," Dry & in Oil), Boston, Mass.
Chicago White Lead & Oil Co. (White Lead), 1454 S Western av, Chicago, Ill.
Davis H. B. Co., Keyser bldg, Baltimore, Md.
Detroit White Lead Works, Detroit, Mich.
Eagle Paint & Varnish Mfg. Co. N S Pittsburgh, Pa.
Eagle Picher Lead Co. (The), ("Sublime," "Eagle"), 208 S La Salle, Chicago, Ill.
Enterprise Paint Mfg. Co. ("Iron Clad" White Lead), 848 W Vanburen, Chicago, Ill.
Eustin White Lead Co. (White Lead), Wabash Tracks, St. Louis, Mo.
Euston Process Co. (Pure White), Scranton, Pa.
French Samuel H. & Co. (Dealers & Grinders), 4th & Callowhill, Phila., Pa.
Fuller W. P. & Co. ("Pioneer"), San Francisco, Cal.
Hammar Bros. White Lead Co. (White Lead Only), St. Louis, Mo.
Harrison Works (Du Pont), 35th cor Grays Ferry rd, Phila., Pa.

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Hazard Lead Works, Hazardville, Conn.
Inland White Lead Co., 741 Boston av, Chicago, Ill.
Lawrence W. W. & Co. ("Lawrence" Strictly Pure "Yellow Seal" Lead & Zinc, Combination Radium & Combination "White Star"), W Carson, Pittsburgh, Pa.
Lead Products Co. (Red Only), 3215 Papin, St. Louis, Mo.
Lewis John T. & Bros. Co., Lafayette bldg, Phila., Pa.
Matheson Lead Co., 569 Vernon av, Long Island City, N. Y.
National Lead Co. ("Dutch Boy"), 111 B'way, New York
National Lead & Oil Co. (Of Pennsylvania), Commonwealth bldg, Pittsburgh, Pa.
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
Pacific Oil & Lead Works, 155 Townsend, San Francisco, Cal.
Pflugh A. & Co., Hoboken, N. J.
Picher Lead Co., Joplin, Mo.
Shoemaker Robert & Co. ("Imperial" White Lead), 4th & Race, Phila., Pa.
Smith J. Lee & Co. (Imp), 19 Jacob, New York
Tatham & Bros. Works, 226 S 5th, Phila., Pa., & 261 Water, New York
United Lead Co., 111 B'way, New York
Waterall Wm. & Co. ("Missouri" & "Blue Seal," White & "Luteco," "Watco" Red), Camden, N. J.
Wetherill & Bro., 126 S 30th, Phila., Pa.

16841— Whiting (Gilders')

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Taintor H. F. Mfg. Co. ("Taintor's" Air Dry), 2 Rector, New York

16842—Whiting & Paris White Mfrs.

Acme White Lead & Color Wks., Detroit, Mich.
Bradford Jas. Co., 8 E 3d, Wilmington, Del.
Chrystal Chas. B. (Jobbers), 13 Cliff, New York. *See adv index at end of book*
Columbia Chemical Co., Pittsburgh, Pa.
Columbia Products Co. (Whiting), Garfield bldg., Cleveland, O.
Coulston J. W. & Co. (Imp. English Cliffstone, Paris White), 80 Maiden la, N. Y.
Drakenfield B. F. & Co. (Selling Agents), 50 Murray, New York
Dunham Thos. C., 68 Murray, New York
Excelsior Whiting Works (E. T. Grafly, Prop.), York & Almond, Phila., Pa.
FOX M. EWING CO. (In Bulk or Package), 241 E 136th, New York
Grote Geo. W. & Co., 430 E 102d, New York, & East St. Louis, Ill.
Hammill & Gillespie, 240 Front, New York

THE HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

Higginson Mfg. Co., Newburgh, N. Y.
Industrial Chemical Co. ("Alba" Whiting), 200 5th av, New York
Kelley Bros. & Spielman (Inc.), Swanson & Moore, Phila., Pa.
Knappmann Wm. & Co., Grand, Brooklyn, N. Y.
Nevins Sam'l Co., 109 S 2nd, Phila., Pa.
Nulsen, Klein & Krausse Mfg. Co., Main & Sidney, St. Louis, Mo.
Philadelphia Whiting Works, 2609 E York, Phila., Pa.
Product Sales Co., 32 S Calvert, Baltimore, Md.
Southwark Mfg. Co., Camden, N. J.
Stickney, Tirrell & Co., 31 Milk, Boston, Mass.
Taintor H. F. Mfg. Co. (Commercial & Gilders' Whiting, "Westminster" & "Victoria" Paris White), 2 Rector, New York
Vanderbilt R. T. Co., 50 E 42d, New York
Wetherill Geo. D. & Co., 114 N Front, Phila., Pa.

16842a—Wick (Asbestos & Cotton)

Dominion Asbestos & Rubber Corp., 154 Nassau, New York
See adv index at end of book

16843— *Wickets

Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
HANKE IRON & WIRE WORKS, 800 N Albany av, Chicago, Ill.
See adv index at end of book
Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
TYLER W. S. CO. (Ornamental), Cleveland, O. *See adv index at end of book*
WRIGHT WIRE CO. (All Metals & Finishes), Worcester, Mass.
See adv index at end of book

16843a— Wickets (Ornamental)

Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.

16844— Wicks (Felt, for Electric Motors, Etc.)

Tingue, Brown & Co., 118 E 25th, New York

16845—Wicks (Lamp, Candle, Etc.)

Atkins & Pearce Mfg. Co., 5th & Eggleston av, Cincinnati, O.
Bishop R. Mfg. Co. ("Keystone," "Arrow," "Paragon," Ball Wicking), 157 W Sixth, South Boston, Mass.
California Cotton Mills Co., Oakland, Cal.
Cleveland Mill & Power Co., Lawndale, N. C.
Eagle Cotton Mills Co. (Candle Wick), Madison, Ind.
Estes Mills ("Sterling" Miners & Candle), Fall River, Mass.
Hooper Sons Mfg. Co., Juniper & Cherry, Phila., Pa.
Hooper Wm. E. & Sons Co. (Lamp, Cotton Ball, Candle, etc), Maryland Life bldg, Baltimore, Md.
International Braid Co. (Stove), 47 Charles, Providence, R. I.
Jackson T. & Son Co., Reading, Pa.
Johnson R. Yarn & Cordage Mills, Madison, Ind.
Lees Mfg. Co. (Candle, Miners', Cotton Ball, etc), Westport, Conn.
Louisville Cotton Mills Co., Louisville, Ky.
Malden Knitting Mills, Malden, Mass.
Massasoit Mfg. Co., Fall River, Mass.
Mt. Vernon-Woodberry Mills (Stoves, etc.), Cont. bldg, Baltimore, Md.
Pettit & Co., Lockport, N. Y.
Pioneer Cotton Mills (For Searchlights), Guthrie, Okla.
Richards Fred J (Torch, Miners, etc), Springfield, Mass.
Southern Mills Corp., Oxford, Ala.
Toohey M. J. & Co., Fall River, Mass.
Walters Mfg. Co., Fulton bldg, Pittsburgh, Pa.
Westport Mfg. Co. (Candle, Miners, etc), Westport, Mass.

16846—Wicks (Searchlight)

Pioneer Cotton Mills, Guthrie, Okla.

16847-8— Wigwams

Onondaga Indian Wigwam Co., Syracuse, N. Y.

16849—*Winches (Deck, Steam & Electric)

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

16850— Winches (Electric)

CLYDE IRON WORKS, Duluth, Minn. *See adv index at end of book*
Elmes Chas. F. Engineering Wks., Inc. ("and Hand"), cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
GILBERT-GRANT CO., 143 B'way, New York. *See adv index at end of book*
LIDGERWOOD MFG. CO. (Steam & Electric), 96 Liberty, New York *See adv index at end of book*
SHEPARD ELECTRIC CRANE & HOIST CO. (Coal), Montour Falls, N. Y. *See adv index at end of book*
Sprague Electric Works (For Haulage Purposes), 527 W 34th, New York

16851-2—Winches (Motor Power)

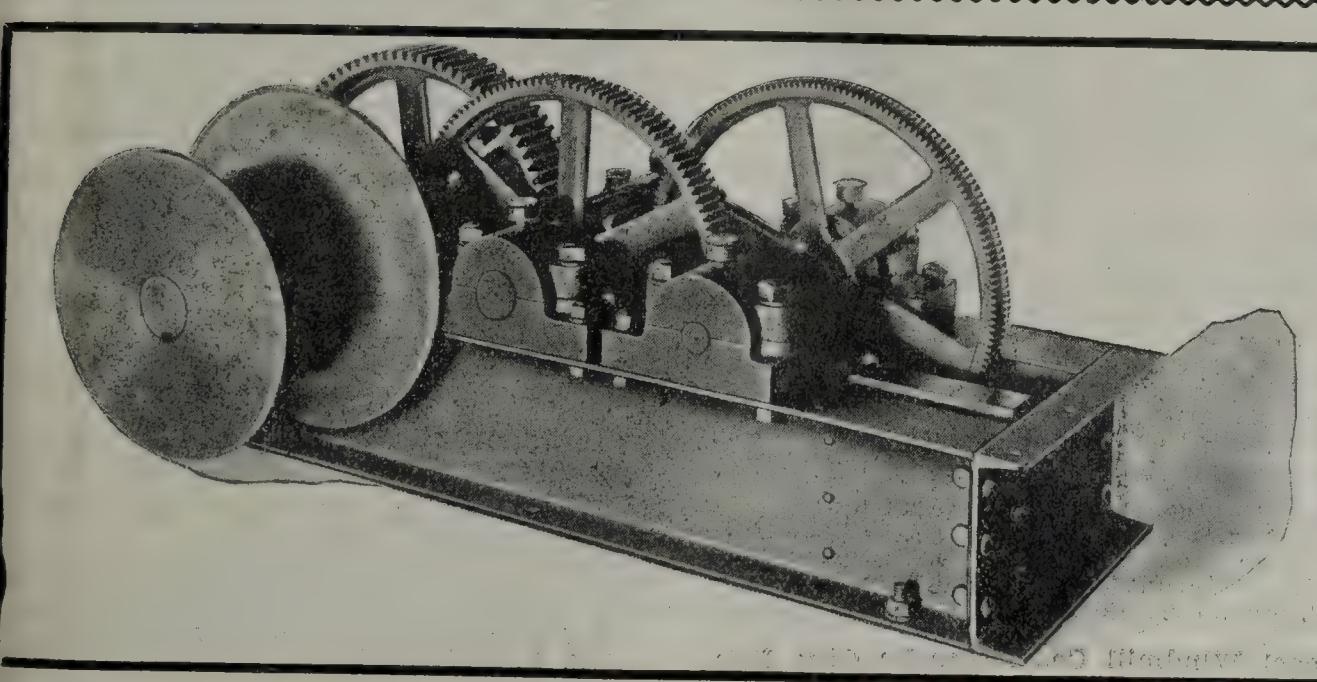
Erie Clutch & Power Co., Erie, Pa.
International Motor Co., 252 W 64th, New York

16853—Winches & Windlasses

Acme Road Machinery Co., Frankfort, N. Y.
American Clay Machinery Co., S Walnut, Bucyrus, O.
American Engineering Co. ("Providence," Hand, Steam & Electric, Gypsy & Yacht Windlasses), Aramingo av & Cumberland, Phila., Pa.
American Hoist & Derrick Co., St. Paul, Minn.
Baltimore Car & Foundry Co. (Derrick), Pittsburgh, Pa.
Brown Hoisting Machinery Co. (Winches Only), 4403 St. Clair, N. E. Cleveland, Ohio
Case Crane & Engineering Co., Columbus, Ohio
Channon Jas. H. Mfg. Co. (Hand Power), 227 W Erie, Chicago, Ill.
Chase Machine Co. (Double Drum Hoisting Winches), Cleveland, O.
Chattanooga Car & Foundry Co., Chattanooga, Tenn.
CLYDE IRON WORKS, Duluth, Minn. *See adv index at end of book*
Dake Engine Co., Grand Haven, Mich.
Dobbie Foundry & Machine Co., Niagara Falls, N. Y.
Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.
GILBERT-GRANT CO., 143 B'way, New York. *See adv index at end of book*
Gillie Machine Co. ("Gypsy" Windlasses & Tow Posts), Tonawanda, N. Y.
Helmick Foundry & Machine Co., Fairmont, W. Va.
Hesse-Martin Iron Works (Winches for Contractors, etc), 434 Belmont, Portland, Ore.
Hyde Windlass Co. (Steam Coaling & Electric), Bath, Me.
Irving Mfg. & Tool Co. (Cargo Winches), 157 Chambers, New York
Kelly L. J. Mfg. Co. (Winches & Truck Windlasses), Albany, N. Y.
Klemm E. R., 1453 Austin av, Chicago, Ill.
Lake Shore Engine Works (Hand Windlasses), Marquette, Mich.
Laughlin Thos. Co. (Windlasses Only), Portland, Me.
Marine Hardware Co. (Hand), Peabody, Mass.
Marine Hardware-Equipment Co. ("Acme" & "Mehco"), So. Portland, Me.
Marine Mfg. & Supply Co., 158 Smith, New York
Morris Elmer P. Iron Works (Inc.) (Electric), 136 Liberty, New York
National Hoisting Engine Co. (Winches Only), Harrison, N. J.
Neptune Hardware Mfg. Co., 54 South, New York
Northwestern Iron Works, Seattle, Wash.
Oliver Wm. J. Mfg. Co. (Winches), Knoxville, Tenn.
Reed Geo. A. & Son (Vessel Windlasses), Gloucester, Mass.
Round D. & Son, Cleveland, O.
Sasgen Derrick Co. ("Sasgen" Winches, also Steel Frame Portable Winches), 3101 W Grand av., Chicago, Ill. *See adv index at end of book*
Seattle Machine Works (Contractors' Winches), Seattle, Wash.
Speidel J. G., Reading, Pa. *See adv index at end of book*
STREET BROS. MACHINE WORKS (Ship), Chattanooga, Tenn. *See adv index at end of book*
Superior Iron Works Co. (Mooring Winches), Superior, Wis.
Terry & Tench Co. (Inc.) (Wood & Steel Frame Winches), 70 E 45th, New York
Torry Roller Bushing Works, Bath, Me.
Vulcan Iron Works, 327 N Irving av, Chicago, Ill.
Wilcox, Crittenden & Co. ("Gypsy" Windlasses), Middletown, Conn.
Yale & Towne Mfg. Co. ("Brownhoist" Safety Winches Only), 9 E 40th, New York

16854—Wind Shields (Automobile)

Adapt Machinery Co. The, 1624 Wabash av, Chicago, Ill.
Amesbury Brass & Foundry Co., Amesbury, Mass.
Anderson F. W. & Co. ("Quality"), Brown & Uber, Phila., Pa.
Auto Brass Mfg. Co., 56 Friendship, Providence, R I.
Automobile Equipment Co., Detroit, Mich.
Automobile Specialties Co. ("McGiffin"), E E, Jenkins Arcade, Pittsburgh, Pa.
Banker Wind Shield Co. ("Banker"), 5722 Ellsworth av. Pittsburgh, Pa.
Blasier-Sanborn Mfg. Co., Utica, N. Y.
Boesch Lamp Co., 962 Mission, San Francisco, Cal.
Broc Carriage & Wagon Co., N E, Cleveland, O.
Buob & Scheu, 216 Webster, Cincinnati, O.
B. & B. Mfg. Co. ("Superior"), Cleveland, O.
Chicago Coach & Carriage Co., 1223 S Michigan av, Chicago, Ill.
Coleman J. C., 137 E Gd. blvd, Detroit, Mich.
Collins G. A. & Son ("Collins"), Akron, O.
Detroit Motor Car Supply Co., Kercheval & Connors ck, Detroit, Mich.
Earl Automobile Works, Los Angeles, Cal.



CRANES-HOISTS-WINCHES
TROLLEY TRACK & TROLLEYS
1/4 to 20 Tons Capacity
THE GILBERT-GRANT CO.,
143 Broadway, N. Y. C.

WIND SHIELDS (AUTOMOBILE)—co't'd
English & Mersick Co. ("E. M. Talor"), New Haven, Conn.
Fellweck Automobile & Mfg. Co. ("Perfect"), Evansville, Ind.
Findeisen & Kropf Mfg. Co., 2559 W 21st, Chicago, Ill.
Fowler Lamp & Mfg. Co. ("Fowler," Automatic), 59 E 24th, Chicago, Ill.
Gemco Mfg. Co. ("Gemco"), Milwaukee, Wis.
Guarantee Tire & Rubber Co. ("Long Distance"), Indianapolis, Ind.
Hill Mfg. Co. ("Hill"), 23 Fuller, Buffalo, N. Y.
Hillman Auto Supply Mfg. Co. ("Hillman"), 98 Massachusetts av, Boston, Mass.
Holcker-Elberg Mfg. Co. ("Holcker-Elberg"), 16th & McGee, Kansas City, Mo.
Irvin R. J.. Manufacturing Co., Indianapolis, Ind.
Jacobson Bros. ("Jacobson"), 254 Central, Newark, N. J.
Jenkins Auto Specialty Co., Sumter, S. C.
Jonah & George, Merrimac, Mass.
Kimball C. P. & Co., 3900 S Michigan av, Chicago, Ill.
Limousine-Carriage Mfg. Co. ("Voltz," "Schildback" & "Beecher"), 3515 S Michigan av, Chicago, Ill.
London Auto Supply Co. ("Lasco," "London"), 2540 S Wabash av, Chicago, Ill.
Longdin Brugger Co., Fond du Lac, Wis.
Lyons Hugh & Co. ("Lyons"), Lansing, Mich.
Medina Stamping & Machine Co. ("Whirlwind" Glass Front), Medina, N. Y.
Mutual Auto Accessories Co. ("J. H."), **1777 Broadway, New York**
National Auto Top Co. ("National"), 2 Stone, New York
New England Auto Top & Body Co., 317 W 47th, New York
Page Steel Wire Co., Adrian, Mich.
See adv index at end of book
Paterson Vehicle Co., Paterson, N. J.
Pence Automobile Co. ("Pence"), 800 Hennepin av, Minneapolis, Minn.
Pierce Governor Co., Anderson, Ind.
Polson Mfg. Co., Buffalo, N. Y.
Quinby J. M. & Co., 27 Division, Newark, N. J.
Racine Auto Top Co. ("The Racine"), Racine, Wis.
Rands Mfg. Company, Detroit, Mich.
Riley Bros. ("Riley"), Bridgeton, N. J.
Rostand Mfg. Co. ("Rostand"), Milford, Conn.
Russell H. J. ("Angle"), Worcester, Mass.
Schurmeier Wagon Co., 1204 Henn av, Minneapolis, Minn.
Slane O. W. Glass Co., York, Pa.
Smith H. R. Co., Paterson, N. J.
Smith Jos. N. & Co. ("Ackerman"), Detroit, Mich.
Sprague Umbrella Co. ("Sprague" & "Common Sense," "Col. Sprague's"), Norwalk, O.
Springfield Body Co., Springfield, Mass.
Standard Cabinet Mfg. Co. (Tiller Boards, Also Auto Dashes), Peru, Ind.
Star Brass Works Co., Kansas City, Mo.
Stewart-Carey Glass Co. ("Gibralter," "Kamah"), Indianapolis, Ind.
Superior Mfg. Co., Ann Arbor, Mich.
Troy Carriage Sun Shade Co. ("Troy"), Troy, O.
Twentieth Century Garage ("Williams"), 121 S Ludonette, South Bend, Ind.
Vanguard Mfg. Co. ("Vanguard"), Conant rd, & G. T. R. R., Hamtramck, Detroit, Mich.
Western Mechanical Works ("Western Universal," "Kingley"), Los Angeles, Cal.

16855— Winders (Dump Scow, Steam)

Superior Iron Works Co., Superior, Wis.

16856— Winders (Invoice)

Forest City Machine Co. ("Invo" Winder Measuring Laces, Ribbons, Embroideries, etc), Rockford, Ill.

16857— Winders (Magnet)

Belden Mfg. Co., 2316 S Western av, Chicago, Ill.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Hubbard & Co., Pittsburgh, Pa.
Universal Winding Co. ("Leesona"), 95 S Boston, Mass.

16858—Winders (Oyster Dredge)

Hettinger Engine Co., Bridgeton, N. J.
Page Engineering Co. ("Oriole"), Clagett & Hull, Baltimore, Md.

16858a— Winders (Rag)

Williams Foundry & Machine Co., Akron, O. *See adv index at end of book*

16859— Winders (Spring)

See also Spring Coiling Machines

Hjorth Lathe & Tool Co. ("Perfection" for Wire Springs), 27 School, **Boston, Mass.**

16860—Winding (High Tension)

Acme Wire Co., New Haven, Conn.
Dudlo Mfg. Co. ("Dudlo"), Ft. Wayne, Ind.

Windlasses

See Winches & Windlasses

16861—Windlasses (Arc Lamp)

Ayer F. H. Mfg. Co., Chicago Heights, Ill.
Brady Electric Mfg. Co., New Britain, Conn.
Commercial Electrical Supply Co. ("Eddy"), 15th & Pine, St. Louis, Mo.
Creaghead Engineering Co., 340 Main, Cincinnati, O.
Cutter Geo. Co., South Bend, Ind.
Fletcher Mfg. Co., Dayton, O.
Line Material Co. (Self-Locking), S Milwaukee, Wis.
Morris Iron & Steel Co., Frederick, Md.

16862—Windlasses (Barrel & Keg)

Oram John S. Co., Cleveland, O.

16863— Windmills

Aermotor Co. ("Aermotor"), 1146 S Campbell av, Chicago, Ill.
Althouse-Wheeler Co. (Wood or Steel Wheel Pumping; also Geared Wood Wheel), Waupun, Wis.
Appleton Mfg. Co. ("Goodhue"), Batavia, Ill.
Baltimore Cooperage Co., The, c Hanover & Creek, Baltimore, Md.
Baker Mfg. Co. ("Monitor"), Evansville, Wis.
Beckman Bros. ("B-B"), Des Moines, Ia.
Breyer Bros., Whiting Co., Waupun, Wis.
Butler Co. (Steel & Wood, Oilless), Butler, Ind.
Caldwell W. E. Co., Louisville, Ky.
See adv index at end of book
Celina Mfg. Co. ("Monarch"), Celina, O.
Challenge Co. ("Challenge," "Dandy"), Batavia, Ill.
Church Stephen B., Seymour, Conn.
CORCORAN A. J. (INC.), 745 Jersey av, Jersey City, N. J.
Currie Wind Mill Co., Topeka, Kans.
Dempster Mfg. & Supply Co., Des Moines, Ia.
Duplex Mfg. Co. ("Duplex," "Superior"), Superior, Wis.
Elgin Wind Power & Pump Co. Elgin, Ill.
Fairbanks, Morse & Co. ("Eclipse," "Fairbanks-Morse"), 900 S Wabash av, Chicago, Ill.
Flint & Walling Mfg. Co. (Star), Kendallville, Ind.
Freeman Mfg. Co., Racine, Wis.
Hellen-Aller Co., Napoleon, O.
Horicon Wind Mill Co. (Steel), Horicon, Wis.
Ideal Engine Co., Lansing, Mich.
Iowa Wind Mill & Pump Co., Cedar Rapids, Ia.
Jackson Byron Iron Works, Berkeley, Cal.
Kalamazoo Tank & Silo Co., Kalamazoo, Mich.
Kregel Windmill Co., Nebraska City, Neb.
Krogh Mfg. Co., 147 Beale, San Francisco, Cal.
Leach Windmill & Tank Co., Joliet, Ill.
McDaniel & Son, Litchfield, Ill.
Mast, Foos & Co. ("Imperial" Iron Turbine, etc), Springfield, O.
Mt. Pulaski Wind Mill Co., Mount Pulaski, Ill.
Northwestern Wind Engine Co., 110 3d av, Minneapolis, Minn.
Pacific Pump & Supply Co., 853 Folsom, San Francisco, Cal.
Perkins Wind Mill Co., Mishawaka, Ind.
Phelps & Bigelow Windmill Co. ("I. X. L.") (Steel & Wood), Kalamazoo, Mich.
Portable Elevator Mfg. Co. ("Samson"), Bloomington, Ill.
Rawleigh W. T., Freeport, Ill.
Reader Jno. B., Delavan, Wis.
Red Cross Mfg. Co., Bluffton, Ind.
Red King Co., Wauseon, O.
Rork M. D. Mfg. Co., Lansing, Mich.
Ross Supply Co. ("Rex"), Greenville, O.
Sandwich Mfg. Co., Sandwich, Ill.
Schmidt Geo., East Williston, N. Y.
Smith & Pomeroy Windmill Co. ("Eureka")) Kalamazoo, Mich.
Southern Rock Island Plow Co., Dallas, Tex.
Stover Mfg. Co. ("Samson" Steel, etc), Freeport, Ill.
Tanner D. F., Holland, N. Y.
U. S. Supply Co., Omaha, Neb.
U. S. Wind Engine & Pump Co. ("Model B," "Halladay," Wood & Steel), Batavia, Ill.
Walker Mfg. Co. ("Baldwin"), Council Bluffs, Ia.
Winter F. W. & Co., Faribault, Minn.
Wistrand Mfg. Co. ("Blue Star"), Galva, Ill.
Woodin & Little, 33 Fremont, San Francisco, Cal.
Woodmanse Mfg. Co. (Steel, Wooden & Power, etc), Freeport, Ill.

16864—Window Blind Adjusters

Ives H. B. Co. ("Upson's"), New Haven, Conn.
Russell & Erwin Mfg. Co., New Britain, Conn.
Wire Goods Co., Worcester, Mass.

16865—Window Cleaning Appliances & Guards

Perfect Safety Window Guard, 15 E 40th, New York
Russell & Erwin Mfg. Co. ("Russwin"), New Britain, Conn.
Whitner Two Rope Safety Co., 155 S Clark, Chicago, Ill.
Window Cleaners' Improved Belt & Device Co. ("Royal" Improved Safety), 62 W Washington, Chicago, Ill.

16866—Window Display Fixtures

American Brass Fixture Works (Brass & Nickel Plated), 66 Greenpoint av, Brooklyn, N. Y.
Barlow Co. (Wax Figures, Show Cases, Papier Mache Forms), Holyoke, Mass.
Burgess Machine Co., New Haven, Conn.
Culver Irwin G. Co. (Wax Figures), 60 E 8th, New York
Curtis-Leger Fixture Co., 235 W Jackson blvd, Chicago, Ill.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Faries Mfg. Co. ("Eiffel Tower," Revolving), Decatur, Ill.
Feldman L. A. Fixture Co., 24 W 30th, New York
Finkelstein & Co. (Papier Mache Figures, Metal Stands, etc), 48 Mangin, New York
Frankel Display Fixture Co., 177 Hudson, New York
Gas Fixture & Brass Co., Cleveland, O.
Great Western Fixture Works (Papier Mache Forms & Wax Figures), 211 W Schiller, Chicago, Ill.
Greenwald Display Fixture Co. (Wax Figures & Forms), 234 5th av, New York
Heimann Morris A. Mfg. Co., 1122 Washington av, St. Louis, Mo.
Hoggson S. H. & Co. (Mechanical Moving Attractions), 27 Thames, New York
Kehoe Display Fixture Co. (Wax Figures & Papier Mache Forms), 541 Market, San Francisco, Cal.

Kolar Bros. (Wood Stands, etc.), 9 Baxter, New York
Lyons Hugh & Co., Lansing, Mich.
Morewood Standard Safety Devices Co., 253 B'way, New York
Miltiplex Display Fixture Co., 918 N 10th, St. Louis, Mo.
NEWMAN MFG. CO. (Wax Figures & Forms & Mechanical Display Fixtures), 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill.
See adv index at end of book
Norwich Nickel & Brass Co. (Wax Figures, Clothing Forms, etc), Norwich, Conn.
Novelty Wire Works, 840 B'way, New York
O. K. Display Fixture Co. (Papier Mache Figures), 37 Broome, New York
Onken Oscar & Co. (Wood), 4th & Cutter, Cincinnati, O.
Palmenberg's J. R. Sons, 63 W 36th, New York
Polay Fixture Service Co. (Window Shelves, Wood Fixtures, etc), 515 W Halstead, Chicago, Ill.
Royal Display Fixture Co. (Metal & Wooden), 812 B'way, New York
Smith Winfield H. (Mechanical Revolving), Buffalo, N. Y.
Standard Mfg. Co., Xenia, O.
Superior Brass & Fixture Co., 312 W Jackson blvd, Chicago, Ill.
Turner Fixture Co. (Wood), Hannibal, Mo.
Weston Paper & Mfg. Co. (Also Store), Dayton, O.

16867—Window Frame & Sash (Metallic)

See also Windows, Fire-Proof, Wire Glass
American Sheet Metal Works ("Mudd's"), 3427 S Carrollton, New Orleans, La.
Art Metal Fireproof Door & Trim Co., 2724 Wentworth av, Chicago, Ill.
Badger E. B. & Sons Co. (Fireproof), 75 Pitts, Boston, Mass.
Barnes & Nuss Co., Grand Forks, N. D.
Basman A. M. & Co., 468 Fort W, Detroit, Mich.
Biegler Louis Co., 167 N Curtis, Chicago, Ill.
Biersach & Niedermeyer Co., 220 5th, Milwaukee, Wis.
Bostwick C. G., Hartford, Conn.
Braun J. G., 609 S Paulina, Chicago, Ill.
Burton W. J. Co. (Automatic Fireproof), Junction & Federal, Detroit, Mich.
Byrd John, 1427 Catharine, Phila., Pa.
Campbell Harry E., Albany, N. Y.
Chesley A. C. Co., 275 Rider av, New York
Chicago Fire Window & Cornice Co., 1035 W Van Buren, Chicago, Ill.
Consolidated Sheet Metal Works, 661 Hubbard, Milwaukee, Wis.
Cushing Daniel & Co., Lowell, Mass.
DAHLSTROM METALLIC DOOR CO., 35 Blackstone av, Jamestown, N. Y. & 299 B'way, New York
See adv index at end of book
Decatur Cornice & Roofing Co., New Decatur, Ala.
Denver Sheet Metal Works Co., Denver, Colo.
Dowman-Dozier Mfg. Co., Atlanta, Ga.
Duluth Corrugating & Roofing Co., Duluth, Minn.
Eclipse Fireproof Sash & Door Co., 34 Brm., Brooklyn, N. Y.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Eller Mfg. Co., Canton, O.
Empire Art Metal Co. Inc., College Point, L. I., N. Y.
Farwell Cornice Co., 3935 Southport av, Chicago, Ill.
Forderer Cornice Works, 269 Potrero av, San Francisco, Cal.
Freund Jacob Roofing Co., Mitchell av & B. & O. S. W. Ry, Cincinnati, O.
Grinden Art Metal Co. (Bronze, Copper or Steel), 427 Marcy av, Brooklyn, N. Y.
Hastings Foundry & Iron Works, Hastings, Neb.
Hayes Geo. Co., 311 E 23d, New York
Herrmann & Grace Co., 671 Bergen, Brooklyn, N. Y.
Hicks S. D. & Son, 9 Bowker, Boston, Mass.
Howell, Field & Goddard (Metal Covered), Review av, Long Island City, N. Y.
Howie Roofing Co., Detroit, Mich.
Illinois Art Metal Co., Springfield, Ill.
INTERIOR METAL MFG. CO., Jamestown, N. Y. *See adv index at end of book*
International Casement Co., Jamestown, N. Y.
International Steel & Iron Co., Evansville, Ind.
Kawneer Mfg. Co. ("Kawneer" & Solid Steel), Niles, Mich.
Kirk W. P. Co., Bridgeport, Conn.
Klauer Mfg. Co., Dubuque, Ia.
Knisely Bros., 2799 5th av, Chicago, Ill.
Knisely H. C. Co., 1908 S Western av, Chicago, Ill.
Knoburn Co., Hoboken, N. J.
LEE THOMAS (Automatic Closing & Sliding Sash), 129 W 2nd, Cincinnati, O.
Leonard Sheet Metal Works ("Leonard" Combined Sliding & Revolving Sashes & Ideal Windows), Hoboken, N. J.
Louisville Cornice & Roofing Co., Louisville, Ky.
Lupton's David Sons Co. ("Lupton"), Allegheny av & Tulip, Phila., Pa.
Lyster Sheet Metal Co., 1220 Filbert, Phila., Pa.
McFarland-Hyde Co., 2701 S 5th av, Chicago, Ill.
McFarland, Meade Co., Woodland av & 46th, Phila., Pa.
MACHWIRTH BROS. CO., 201-9 Oak, Buffalo, N. Y.
Manhattan Iron & Steel Sales Co. ("Atlas" Lock-Bar), 122 E 132d, New York
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Mesker Geo. L. & Co. (Solid Section Steel Sash), Evansville, Ind.
Metallic Mfg. Co., Camden, N. J.
Miller J. A. & Bro., 427 N Ashland, Chicago, Ill.
Moeschl-Edwards Corrugating Co., Covington, Ky.
National Metallic Sash Co., 2012 W Kinzie, Chicago, Ill.
National Skylight & Ventilator Co., Rochester, N. Y.
Newark Cornice & Skylight Works (Automatic), 9-17th av, Newark, N. J.
New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La.
Northwestern Roofing, Cornice & Stamping, Works, 1111 S 5th, Minneapolis, Minn.
Ohio Roofing & Asbestos Co., Cleveland, O.
Perkinson & Brown, 412 N Lincoln, Chicago, Ill.
Pomeroy S. H. Co., 282 E 134th, New York
Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
Powers & Boyd Cornice & Roofing Co., 3614 Laclede, St. Louis, Mo.
Pruden C. D. Co. (Metal), Warner & Dock, Baltimore, Md.
Rasner & Dinger Co., 2d av & Ferry, Pittsburgh, Pa.
Ray, Daisley & Co., 61 Fulton, Brooklyn, N. Y.
Reliance Fireproof Door Co., 47 Milton, Brooklyn, N. Y.
Richey, Browne & Donald, Flushing av, Maspeth, N. Y.
Riester & Thesmacher, 1512 W 25th, Cleveland, O.
Rudolph & Son Co., 416 Prospect av, N W, Cleveland, O.
Ruth J. F., 4249 Easton, St. Louis, Mo.
Schoedinger F. O., 142 N 3d, Columbus, O.
Simplex Window Co., 525 Market, San Francisco, Cal.
Solar Metal Products Co., 56 W Lake, Chicago, Ill.
Standard Sheet Metal Mfg. Co., Washington, Pa.
Sykes Co., 930 W 19th pl, Chicago, Ill.
Thorn J. S. Co., 20th & Allegheny av, Phila., Pa.
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
VALLEY CORNICE & SLATE CO. (LTD.), Saginaw, Mich.
Van Noorden E. & Co., 100 Magazine, Boston, Mass.
Voightmann & Co., 445 W Erie, Chicago, Ill.
Wagner J. F. Sons, 1145 7th, Louisville, Ky.
Watson Jas. H. Co. (Hollow Metal), Bradley, Ill.
Weis Henry Cornice Co. (Weis Steel), Kansas City, Mo.
Westergren M. F. (Inc.), 213 E 144th, New York
Weyand Hy. Co., Waterbury, Conn.
Willis Mfg. Co., Galesburg, Ill.
Winslow Bros. Co., 4600 Harrison, Chicago, Ill.
Zahner Metal Sash & Door Co., Canton, O.

16868—Window Frame & Sash (Wrought Steel)

Bayley Wm. Co. ("Bayley-Springfield"), Springfield, O.
Braun J. G., 609 S Paulina, Chicago, Ill.
Detroit Steel Products Co. ("Fenestra"), Detroit, Mich.
Empire Art Metal Co., Inc, College Point, L. I., N. Y.
Kawner Mfg. Co. (Fireproof), Niles, Mich.
Lightwell Steel Sash Co., Wilmington, Del.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Richey, Browne & Donald, Flushing av, Maspeth, N. Y.
Schreiber L. & Sons Co. (Also Cast Iron), 3869 Ivanhoe, Cincinnati, O.
Streeter Clip & Specialty Co. ("Streeter's"), 4101 Ravenswood av, Chicago, Ill.
Truscon Concrete Steel Co. ("Truscon"), Youngstown, O
TYLER W. S. CO. ("Tyler," Steel Sash), Cleveland, O. *See adv index at end of book*
Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.
Winslow Bros. Co., 4600 Harrison, Chicago, Ill.

16869—Window Frames (Reversible)

Phenix Mfg. Co. ("Phenix"), Milwaukee, Wis.
Williams Pivot Sash Co., 1105 Bolivar, Cleveland, O.

16870— *Window Guards

See also Fire Fences & Gates; Grilles, Wrought Iron; Iron, Architectural & Ornamental; also Bank & Office Railings; also Bronze, Architectural, Etc.
Page Steel & Wire Co., Adrian, Mich.
See adv index at end of book
Republic Structural Iron Works Co., 1350 E. 53d, Cleveland, Ohio.
Smith F. P. Wire & Iron Works ("Suransafe" Removable "Triangular" Steel), 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book

16871-2—*Window Guards (Pitt-Bostwick Patents)

PITT WM. R. COMPOSITE IRON WORKS (Folding & Stationary), 221 W 26th, New York.
See adv index at end of book

Window Opening Devices

See Skylight Ventilating Apparatus

16873—Window Sash Holder (Automatic)

Automatic Sash Holder Mfg. Co., 50 Church, New York

16874—Window Sash Pivots

International Window Mfg. Co. ("George"), 2007 W Allegheny av, Phila., Pa.
Richards-Wilcox Mfg. Co. ("Richards"), Aurora, Ill.
Steiner & Voegtly Hardware Co. ("Giesey's"), 230 Diamond, Pittsburgh, Pa.
Tabor Sash Fixture Co., 63 Polk, Newark, N. J.
Williams Pivot Sash Co., 1105 Bolivar, Cleveland, O.
Yates J. W. (With Gravity Stops), 168 8th av, New York

16875—Window Sash (Reversible)

Badger E. B. & Sons Co. (Automatic Metallic Sash & Frame), 75 Pitts, Boston, Mass.
Bolles Aerial E. ("Bolles" Revolving), 52 Duane, New York
Dean Reversible Window Co., 551 Brannon, San Francisco, Cal.
Deissler P. & Bro., 249 S 6th, Phila., Pa.
Hipolito Screen & Sash Co., Los Angeles, Cal.

WINDOW SASH (REVERSIBLE)—cont'd

International Window Mfg. Co. ("George" Pivot Window), 2007 W Allegheny av, Phila., Pa.
Leonard Sheet Metal Works ("Ideal" Ventilating), Hoboken, N. J.
Metal Reversible Window Device Co., Fremont, O.
Pruden C. D. Co. (Metal), Warner & Dock, Baltimore, Md.
Tabor Sash Fixture Co., Main Office & Factory, 69 Polk, Newark, N. J.

Window Screen Cloth

See Wire Cloth, Window Screen

16876—Window Screen & Awning (Combined)

Phenix Mfg. Co. ("Phenix"), Milwaukee, Wis.

16877—Window Shade Fixtures

Stover Mfg. Co., Freeport, Ill.

16878—Window Shade Mfrs.

Bailey & Weston, 81 Washington, Boston, Mass.
Bosch Henry Co., 525 S Wabash av, Chicago, Ill.
Breneman Chas. W. & Co., 2045 Reading rd., Cincinnati, O.
Hamilton Mfg. Co., Anderson, Ind.
Hees-MacFarlane Co., 957 Hubbard, Detroit, Mich.
Kloes F. J., 243 Canal, New York
Ordinator Co., 101 Park av, New York
Pinney, Casse & Lackey Co., Fairmount, Jersey City, N. J.
Talbert-Whitmore Co. ("Damask"), Los Angeles, Cal.
Volker Wm. & Co., N W cor 3d & Main, Kansas City, Mo.
Weiss & Klau Co., 462 B'way, New York

16879—Window Springs (Burglar Alarm)

Bernz Otto, 27 Ashland, Newark, N. J.
Edwards & Co., 140 & Exterior, New York
Farrington & Co., Mt. Vernon, N. Y.
Manhattan Electrical Supply Co. ("Ezy-test"), 17 Park pl, New York
See adv index at end of book
Ostrander & Co., W. R., 371 B'way, New York

16880—Window Stop Screws & Washers

Read A. P. Co. ("Read's" Flush Face & Oval Heads), 568 W Washington, Chicago, Ill.

16880a—*Window & Store Front Construction (Fullerton System)

GORHAM COMPANY, ARCHITECTURAL BRONZE, 5th av & 36th, New York
See adv index at end of book

16880b—Windows (Basement, All Metal)

Majestic Co., Huntington, Ind.

16881—Windows (Casement, Wrought Steel)

Detroit Steel Products Co., Detroit, Mich.

16882—Windows (Cellar)

Detroit Steel Products Co. (Wrought Steel), Detroit, Mich.
Majestic Co. (Cast Iron Frame), Huntington, Ind.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Wheeling Metal & Mfg. Co. (Steel), Wheeling, W. Va.

16883—*Windows (Copper & Bronze Covered)

GORHAM COMPANY, ARCHITECTURAL BRONZE (Bronze), 5th av & 36th, New York *See adv index at end of book*

16884—Windows (Fire-Proof, Wire Glass)

See also Window Frame & Sash, Metallic
Badger E. B. & Sons Co. (Automatic), 75 Pitts, Boston, Mass.
Braun J. G., 609 S Paulina, Chicago, Ill.
Byrd John, 1427 Catherine, Phila., Pa.
Clason Architectural Metal Works, 428 Kinsley av, Providence, R. I.
Consolidated Sheet Metal Works, 661 Hubbard, Milwaukee, Wis.
DAHLSTROM METALLIC DOOR CO., 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book
Dowman-Dozier Mfg. Co., Atlanta, Ga.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
International Steel & Iron Co., Evansville, Ind.
Knisley Bros., 2799 S 5th av, Chicago, Ill.
Knisley H. C. Co. (Revolving), 1908 S Western av, Chicago, Ill.
McFarland-Hyde Co., 2701 S 5th av, Chicago, Ill.
Machwirth Bros. Co., 201-9 Oak, Buffalo, N. Y.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Miller J. A. & Bro. 427 N. Ashland, Chicago, Ill.
Pomeroy S. H. Co. ("Voigtmann's" Automatic Closing Patent), 282 E 134th, New York
Pruden C. D. Co., Warner & Dock, Baltimore, Md.
Richey, Browne & Donald, Flushing av, Maspeth, N. Y.
St. Paul Roofing, Cornice & Ornament Co., Wabasha & Water, St. Paul, Minn.
Scholes Bros., 1241 Rosedale, Pittsburgh, Pa
Sykes Steel Roofing Co., 930 W 19th pl, Chicago, Ill.
Thorn J. S. Co., 20th & Allegheny av, Phila., Pa.
Voigtmann & Co., 445 W Erie, Chicago, Ill.
Weis Henry Cornice Co., Kansas City, Mo.
Weyand Henry Co., Waterbury, Conn.
Witt & Brown, 215 W 3rd, Cincinnati, O.

16885—*Windows (Hollow Steel)

DAHLSTROM METALLIC DOOR CO., 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book

Windows (Kalameined)

See Doors & Windows, Kalameined

16886—Windows (Puttyless)

Federal Window Co., Security Bldg, Milwaukee, Wis.
Racine Puttyless Window Co. ("Racine"), Racine, Wis.

Windows (Reversible)

See Window Sash, Reversible

16887—Windows (Rolled Steel)

American Steel Window Co., 334 S Michigan av, Chicago, Ill.
Bayley Wm. Co. (Rolled Steel), Springfield, Ohio
Braun J. G. (Rolled Steel), 609 S Paulina, Chicago, Ill.
Detroit Steel Products Co. ("Detroit Fenestra"), Detroit, Mich.
International Casement Co. (& Drawn, Bronze), Jamestown, N. Y.
Kawneer Mfg. Co. ("Kawneer" Solid Steel), Niles, Mich.
Lightwell Steel Sash Co., Wilmington, Del.
Lupton's, David Sons Co., Allegheny av & Tulip, Phila., Pa.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Richey, Browne & Donald ("Browne"), Flushing av, Maspeth, N. Y.
Truscon Steel Co. ("United"), Youngstown, O.
Voigtmann & Co., 445 W Erie, Chicago, Ill.
Winslow Bros. Co., 4600 Harrison, Chicago, Ill.

Windows (Storm)

See Storm Doors & Windows

16888—*Windows & Sash (Air-Tight Bronze)

GORHAM CO ARCH'L BRONZE, 5th av & 36th, New York. Works: Providence, R. I. *See adv index at end of book*

16889—Windrowers (Hay)

Blocki F. Co., Sheboygan, Wis.
Gaterman Mfg. Co., Manitowoc, Wis.
Thornburgh Mfg. Co. (Side Delivery), Bowling Green, O.
Walker Mfg. Co. ("Western"), Council Bluffs, Iowa

16889a— Wiper Towels

STRONG MACHINERY & SUPPLY CO., 21 Walker, New York
See adv index at end of book

STRONG'S TISAFINE WIPER TOWELS

are made but for one purpose—to give engineers the one best wiper towel that can be made for the general use around engine rooms.

Strong's Tisafine Wiper Towels will **Clean—Will Polish Quick**—when you clean and polish quick—you save "elbow grease" and "time"—that saves you money.

Spongy—with great absorbent quality.

Soft—but extremely tough, owing to our using only the best quality of soft twilled yarn.

Strong's Tisafine Wiper Towels cost much less than the ordinary towels—and, as for quality, there is absolutely no comparison. Size —12 in. x 18 in.—just right for a good handful and as big as you want for general use. Reliable—Strong—Serviceable—Durable—Economical. No. 207. Price 12 in. x 18 in., 4c each.

Put up in bale lots of 1,000 Wipers.

THE STRONG MACHINERY & SUPPLY CO.
21 Walker St., New York City

16890— Wipers (Machine)

See also Waste, Cotton & Wool

America Silk Mfg. Co. (Raw Silk), 4341 Orchard, Phila., Pa.
Bishop Robt. Mfg. Co. (Railroad & Machinery Wipers), 157 W 6th, South Boston, Mass.
Columbus Washed & Sterilized Wiper Co., 522 Parsons av, Columbus, Ohio
Crowther Harry (Silk), Rorer & Ontario, Philadelphia, Pa.
Detroit Sanitary Bag Co., Detroit, Mich.
Elkhart Junk Co., Elkhart, Ind.
FRASSE PETER A. & CO. (Inc.), (Cotton & Flannel), 417 Canal, New York
See adv index at end of book
Fulton Bag & Cotton Mills, Atlanta, Ga.
Gumbinsky Bros. Co., 2261 S Union av, Chicago, Ill.
Hagy Clayton L. & Son (Inc.), 16th & Carpenter, Phila, Pa.
Hagy J. Milton Waste Works, 836 Swanson, Phila., Pa.
Hall W. & Co., Lansdowne, Pa.
Houghton E. F. & Co ("Houghton's U. S."), 240 W Somerset, Phila., Pa.
OIL & WASTE SAVING MACHINE CO., Real Estate Trust bldg, Phila., Pa.
Ohio Sanitary Wipers Co., 2273 Smead av, Toledo, Ohio
O'Neill Bros., Oxford & Harvard, Phila, Pa.
Sanitary-Washed Wiper Co., 813-15 So. Delaware, Indianapolis, Ind.
Scheinman I. L. & Co. ("I. L. S. & C."), Grand blvd & Hastings, Detroit, Mich.
STRONG MACHINERY & SUPPLY CO. ("Strong's Tisafine"), 21 Walker, New York *See adv index at end of book*
Wilkinson Seth (Silk), Central Falls, R. I.
Wolf W. & Sons (Silk), 549 Atlantic av, Boston, Mass.

Wiping Cloths

See Cloths, Wiping, Plumbers'; also Wipers, Machinery

16891—Wire (Aerial & Cable)

Atlantic Insulated Wire & Cable Co., Stamford, Conn.
Bay State Insulated Wire & Cable Co., Hyde Park, Mass.
Collyer Insulated Wire Co. ("I. & L."), Pawtucket, R. I.
Detroit Insulated Wire Co., Detroit, Mich.
Gulf States Steel Co. (Cable only), Birmingham, Ala.
Habirshaw Elec. Cable Co., 10 E. 43d, New York
Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.
Kerite Insulated Wire & Cable Co. (Kerite), 30 Church, New York
OKONITE CO. ("Candee"). 501 Fifth av, New York *See adv index at end of book*
Riverside Metal Co. (Phosphor Bronze), Riverside, N. J.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton, & Roebling, N. J.
See adv index at end of book
Safety Insulated Wire & Cable Co., 114 Liberty, New York
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Simplex Wire & Cable Co., 201 Devonshire, Boston, Mass.
Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.
See adv index at end of book
Upson-Walton Co., 1294 W. 11th, Cleveland, O.
See adv index at end of book

16892— Wire (Airplane)

Acklin Stamping Co., 1659 Dorr, Toledo, O.
See adv index at end of book
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Century Telephone Construction Co., Buffalo, N. Y.
Electric Cable Co., 10 E 43d, New York
Electrical Alloy Co., Morristown, N. J.
Rathbone A. B. & J., Palmer, Mass.
Roebling's, John A. Sons, Trenton, N. J.
See adv index at end of book
Simplex Wire & Cable Co., 201 Devonshire, Boston, Mass.
Upson Walton Co., 291 B'way, New York
See adv index at end of book

16893—Wire (Aluminum)

Aluminum Co. of America (Bare & Insulated Wire & Cables), Oliver bldg, Pittsburgh, Pa.
See adv index at end of book
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Bradford Co. (Imp.), 200 5th av, New York
Hough, W. S. Jr. Co., 61 Peck, Providence, R. I.
Metal Products Co., Inc., 100 So. Jefferson, Chicago, Ill.
See adv index at end of book
MICHIGAN WIRE CLOTH CO., 500 Howard, Detroit, Mich.
See adv index at end of book
Seligman Arthur (Imp.), 165 B'way, New York
Standard Underground Cable Co., Pittsburgh, Pa.
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
See adv index at end of book

16894—Wire (Aluminum Bronze)

Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.

16895—Wire (Aluminum Coated)

Wilder Metal Coating & Mfg. Co., Connellsville, Pa.

Wire (Annealed)

See Wire, Market

16896—Wire (Annunciator or Office)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
American Electrical Works, Phillipsdale, R. I.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Ansonia Electrical Co., Ansonia, Conn.
Belden Mfg. Co., 2316 S Western av, Chicago, Ill.
Boston Insulated Wire & Cable Co., Boston, Mass.
Bridgeport Brass Co., Bridgeport, Conn.
Chicago Insulated Wire & Mfg. Co., Sycamore, Ill.
Collyer Insulated Wire Co. ("I. & L."), Pawtucket, R. I.
Goldmark James Co., 81 Warren, New York
Goodrich B. F. Rubber Co., Akron, O.
Hazard Mfg. Co., Wilkes-Barre, Pa.
Kellogg Switchboard & Supply Co., 1066 W Adams, Chicago, Ill.
Monarch Electric & Wire Co., 622 W Adams, Chicago, Ill.
Moore Alfred F., 200 N 3d, Phila., Pa.
National Conduit & Cable Co., 41 Park Row, New York
New England Electrical Works, Lisbon, N. H.
Phillips Wire Co., Pawtucket, R. I.
ROEBLING JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Rome Wire Co. ("Romeoid"), Rome, N. Y.
Runzel-Lenz Electric Mfg. Co., 1751 N Western av, Chicago, Ill.
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Standard Underground Cable Co., Pittsburgh, Pa.
Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.
See adv index at end of book
Western Electric Co., 463 West, New York

16897—Wire (Antenna — Aerial & Antenna Cord)

Driver-Harris Co., Harrison, N. J.
Riverside Metal Co., Riverside, N. J.
Standard Underground Cable Co., Pittsburgh, Pa.

16898—Wire (Armature Banding)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Belden Mfg. Co., 2316 S Western av, Chicago, Ill.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Prentiss G. W. & Co., Holyoke, Mass.
Riverside Metal Co., Riverside, N. J.
ROEBLING'S JOHN A. SONS CO., Trenton, N. J. *See adv index at end of book*
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Washburn Wire Co., Phillipsdale, R. I.

MORGAN SPRING COMPANY

Manufacturers of

WIRE
WIRE SPRINGS
WIRE SPECIALTIES
Bright Wire Goods Kitchen Wire Goods

WORCESTER, MASS., U. S. A.

16899—Wire (Asbestos Covered)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Boston Insulated Wire & Cable Co., Boston, Mass.
D. & W. Fuse Co. ("Deltabeston"), Hathaway, Providence, R. I.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Independent Lamp & Wire Co., 1733 B'way, New York
Johns H. W.-Manville Co., Madison av & 41st, New York
Railroad Supply Co., 203 S Dearborn, Chicago, Ill.
Standard Underground Cable Co., Pittsburgh, Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

16900—*Wire (Automobile & Motor Boat)

American Steel & Wire Co. (& Cables), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Belden Mfg. Co., 2316 S Western av, Chicago, Ill.
BETTES & EBSEN, 150 Chambers, New York *See adv index at end of book*
Bishop Gutta Percha Co., 420 W 25th, New York
Boston Ins. Wire & Cable Co., Boston, Mass.
Goodrich B. F. Rubber Co., Akron, O.
Hazard Mfg. Co., Wilkesbarre, Pa.
Indiana Rubber Ins. Wire Co., Jonesboro, Ind.
Lowell Insulated Wire Co., Lowell, Mass.
Moore Alfred F., 200 N 3rd, Phila., Pa.
New England Cable Co., Concord, N. H.
N. Y. Insulated Wire Co., 114 Liberty, New York
O'Konite Co., 501 5th av, New York
O'KONITE CO. (& Motor Boat), 501 5th av, New York
See adv index at end of book
Packard Electric Co., Dana av, Warren O.
Safety Ins. Wire & Cable Co., 114 Liberty, New York
Standard Underground Cable Co., Westinghouse bldg, Pittsburgh, Pa.

16901— Wire (Barbed)

AMERICAN STEEL & WIRE CO. (Two & Four Point; "Glidden," "Boker Perfect," "Ellwood," "Waukegan," "Lyman," & "Iowa" Brands), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Atlantic Steel Co. (Steel), Atlanta, Ga.
Belfont Iron Works Co., Ironton, O.
Cambria Steel Co., Widener bldg, Phila., Pa.
Colorado Fuel & Iron Co. (Plain & Galvanized), Denver, Colo.
Crawfordsville Wire & Nail Co., Crawfordsville, Ind.
Cyclone Fence Co., Waukegan, Ill.
Frost Superior Fence Co., E. 131st, Cleveland, O.
Grand Crossing Tack Co., S. Chicago av and E 79th, Chicago, Ill.
Gulf States Steel Co., Birmingham, Ala.
Haish Jacob Co., DeKalb, Ill.
Indiana Steel & Wire Co., Muncie, Ind.
Interstate Iron & Steel Co., First Nat'l Bank bldg, Chicago, Ill.
Janesville Barb Wire Co., Janesville, Wis.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Kelly Neil & Iron Co., Ironton, O.
Keystone Steel & Wire Co., Peoria, Ill.
Kokomo Steel & Wire Co., Kokomo, Ind.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Northwestern Barb Wire Co., Sterling, Ill.
Norton Iron Works, Ashland, Ky.
Page Steel & Wire Co., Adrian, Mich.
See adv index at end of book
Pittsburgh Steel Co. (Steel Galvanized & Painted), 5th av & Grant, Pittsburgh, Pa.
Wickwire Steel Co., Buffalo, N. Y.
Youngstown Sheet & Tube Co., Youngstown, O.

16901a—*Wire (Bond, Copper Clad Steel)

PAGE STEEL & WIRE CO. ("Copperweld"), 30 Church, New York
Church, New York
See adv index at end of book

16901b— Wire (Bonnet)

ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book

16902—Wire (Bookbinders')

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Morgan Spring Co. ("Eclipse"), Worcester, Mass. *See adv index at end of book*
Morrison J. L. Co., Niagara Falls, N. Y.
Prentiss G. W. & Co., Holyoke, Mass.
ROEBLING'S JOHN A. SONS CO., Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Spencer Wire Co., Worcester, Mass.

16903— Wire (Braided)

Electric Cable Co., 10 E 43d, New York
Kokomo Steel & Wire Co. (Made From Four Wires Braided), Kokomo, Ind.

16904—Wire (Brass & Bronze Screw)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Hough W. S. Jr. Co., 61 Peck, Providence, R. I.
Riverside Metal Co., Riverside, N. J.

16905—Wire (Brass & Copper)

ALLOY STEEL PRODUCTS CORP., 30 Church, New York
See adv index at end of book
AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
American Electrical Works (Copper Wire & Cables for Electrical Use), Phillipsdale, R. I.
American Steel & Wire Co., 208 S La Salle, Chicago, Ill.
Babbitt L. L. (Fire Wires), Clayville, N. Y.
Besly Chas. H. & Co. ("Helmet"), 120 H N Clinton, Chicago, Ill.
Bridgeport Brass Co., Bridgeport, Conn.
Bristol Brass Co. (Brass Only), Bristol, Conn.
Cary Spring Works (Brass for Springs), 240 W 29th, New York
CHASE METAL WORKS, Waterbury, Conn.
CHASE ROLLING MILL CO., Waterbury, Conn.
Chicago Insulated Wire & Mfg. Co., Sycamore, Ill.
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
Driver-Harris Co., Harrison, N. J.
Eastwood Wire Mfg. Co., Belleville, N. J.
Foley F. W. (Copper), Dollar Bay, Mich.
Hartley Geo. (Fine Brass), Waterbury, Conn.
Haven R. H. & Son, Bridge & Front, Grand Rapids, Mich.
Hazard Mfg. Co. (Copper Only), Wilkes-Barre, Pa.
Hough W. S. Jr. Co., 61 Peck, Providence, R. I.
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York
Keystone Ornamental Iron & Bronze Wks., (Brass), 830 Howard, San Francisco, Cal.
Manhattan Brass Co. (Brass & Bronze), 332 E. 28th, New York
MERCHANT & EVANS CO., 2035 Washington av, Phila., Pa.
See adv index at end of book
Metal Products Co., Inc., 100 So. Jefferson, Chicago, Ill. *See adv index at end of book*

WIRE (Bare)
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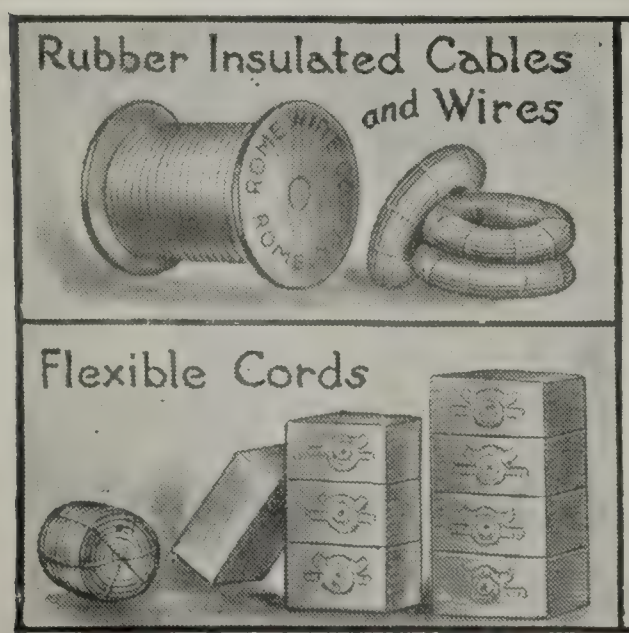
METAL PRODUCTS CO.
100 South Jefferson Street, Chicago, Ill.

Michigan Copper & Brass Co., Detroit, Mich.
MICHIGAN WIRE CLOTH CO., 500 Howard, Detroit, Mich.
See adv index at end of book
Morgan Spring Co., Worcester, Mass.
See adv index at end of book



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FLAT COPPER WIRE
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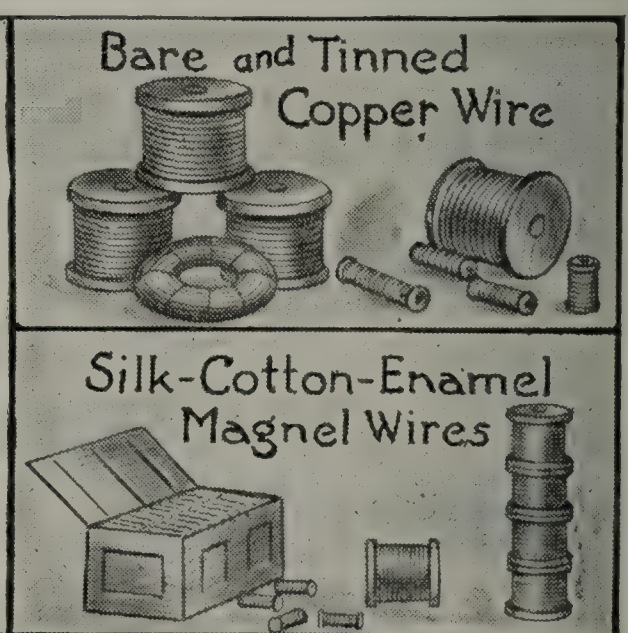

Murray Wire Co. (Fine Wire), 355 Cortlandt, Newark, N. J.
National Conduit & Cable Co. (Copper Wire & Cable), 41 Park Row, New York
North American Copper Co., 52 Vanderbilt av, New York
Phillips Wire Co., (Copper), Pawtucket, R. I.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Randolph-Clowes Co. (High & Low Brass, etc), Waterbury, Conn.
Riverside Metal Co. (Brass), Riverside, N. J.
ROEBLING'S JOHN A. SONS CO., Main Office: Trenton, N. J. Works Trenton & Roebling, N. J.
See adv index at end of book
Rome Brass & Copper Co., Rome, N. Y.
ROME WIRE CO. ("Rome Wire") (Copper), Rome, N. Y.
See adv index at end of book
SCOVILL MFG. CO. (Brass), Waterbury, Conn. *See adv index at end of book*
Seymour Mfg. Co. (Brass), Seymour, Conn.
Spargo Wire Co. (Copper Only), Fine Sizes a Specialty), Rome, N. Y.
Standard Underground Cable Co. (Copper for Electrical Use), Pittsburgh, Pa.
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
See adv index at end of book
Waclark Wire Co. (Copper Only), 20 Exchange pl, New York
Washburn Wire Co. (Electric Copper), Phillipsdale, R. I.
Waterbury Rolling Mills, Waterbury, Conn.
WRIGHT WIRE CO., Worcester, Mass.
See adv index at end of book

16905a— Wire (Brazing)

ALLOY STEEL PRODUCTS CORP., 30 Church, New York
See adv index at end of book

Wire (Bright Market)

See Wire, Market

16906— Wire (Bronze)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Bristol Brass Co., Bristol, Conn.
Cary Spring Works (For Springs), 240 W 29th, New York
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
Driver-Harris Co. (Common, Golden & Antique), Harrison, N. J.
Hough W. S. Jr. Co. (Phosphor Bronze), 61 Peck, Providence, R. I.
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York
Michigan Copper & Brass Co., Detroit, Mich.
MICHIGAN WIRE CLOTH CO., 500 Howard, Detroit, Mich.
See adv index at end of book
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Murray Wire Co. (Fine Wire), 355 Cortlandt, Newark, N. J.
Riverside Metal Co., Riverside, N. J.
Rome Brass & Copper Co., Rome, N. Y.
Rome Wire Co. ("Rome Wire"), Rome, N. Y. *See adv index at end of book*
Scovill Mfg. Co., Waterbury, Conn.
See adv index at end of book
Standard Underground Cable Co., Pittsburgh, Pa.
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
See adv index at end of book
Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.
WRIGHT WIRE CO., Worcester, Mass.
See adv index at end of book

16907—Wire (Broom & Brush)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Babbitt L. L. (Brush Makers' Drawing Wire, Brass, Copper, German Silver, Steel, Scratch Brush Wire, etc), Clayville, N. Y.
Hartley Geo. (Brass & Steel Scratch), Waterbury, Conn.
Larkin J. K. & Co. (Broom), 34 Reade, New York. *See adv index at end of book*
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Newman C. Wire Co., 25 Church, New York
Paxson J. W. Co., 1021 N Delaware av, Phila, Pa.
Prentiss G. W. & Co., Holyoke, Mass.
Seneca Wire & Mfg. Co. (Tinned), Fostoria, O. *See adv index at end of book*
Spencer Wire Co., Worcester, Mass.
Washburn Wire Co., Phillipsdale, R. I.
Wilson Steel Products Co. (Broom), 49th & S Western av, Chicago, Ill.
WRIGHT WIRE CO., Worcester, Mass.
See adv index at end of book

16908—Wire (Brush Drawing)

Murray Wire Co., 355 Cortlandt, Newark, N. J.
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
WRIGHT WIRE CO., Worcester, Mass.
See adv index at end of book

16909— Wire (Cable)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Electric Cable Co. (Insulated), 10 E 43rd, New York
Indiana Rubber & Insulated Wire Co. (Insulated), P. O. Box 192, Jonesboro, Ind.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works. Trenton & Roebling, N. J.
See adv index at end of book
Safety Insulated Wire & Cable Co., 114 Liberty, New York
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book

WIRE for Mattresses, Brooms, Ropes, Cables, Clips, Staples and Cloth.—Special Quality for Special Purposes—Fine Sizes—Send Inquiries.

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16910—Wire Cables (Copper)

American Electrical Works, Phillipsdale, R. I.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Broderick & Bascom Rope Co. (Also Steel & Iron), Main & Douglas, St. Louis, Mo.
Collyer Insulated Wire Co. ("I. & L."), Pawtucket, R. I.
Hazard Mfg. Co., Wilkes-Barre, Pa.
Phillips Wire Co., Pawtucket, R. I.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Simplex Wire & Cable Co. ("Sincore"), 201 Devonshire, Boston, Mass.
Standard Underground Cable Co., Pittsburgh, Pa.
Upson-Walton Co., 1294 W 11th, Cleveland, O. *See adv index at end of book*
Waclark Wire Co., 20 Exchange pl, New York

16911— Wire (Canvasite)

Safety Insulated Wire & Cable Co., 114 Liberty, N. Y.
Standard Underground Cable Co., Pittsburgh, Pa.

16912— Wire (Car Seal)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
ROEBLING'S JOHN A. SONS CO., Trenton, N. J. *See adv index at end of book*
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Upson-Walton Co., 1294 W 11th, Cleveland, O. *See adv index at end of book*

16912a— Wire (Carburetor)

Electrical Alloy Corp., Morristown, N. J.

16913— Wire (Card)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Prentiss Geo. W. & Co., Holyoke, Mass.
ROEBLING'S JOHN A. SONS CO., Main office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Spencer Wire Co., Worcester, Mass.

16914— Wire (Chain)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Spencer Wire Co., Worcester, Mass.

16915—Wire (Check Rower)

Chambers, Bering Quinlan Co., Decatur, Ill.
Faries Mfg. Co., Decatur, Ill.
Youngstown Sheet & Tube Co., Youngstown, O.

16916— Wire Cloth

Allen L. H., Amherst, Mass.
Alloy Steel Forging Co., Carnegie, Pa.
American Wire Fabrics Co. (Screen Cloth, etc), 208 S La Salle, Chicago, Ill.
Audubon Wire Cloth Co., Audubon, N. J.
Barbee Wire & Iron Works, 170 N Dearborn, Chicago, Ill.
Belmer H. Co., 628 W 3d, Cincinnati, O.
Bennett Wire Co., Inc., 405 Lexington av, New York. *See adv index at end of book*
Bigelow-Cheney Wire Works, Springfield, Mass.
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.
Cabble Wm. Excelsior Wire Mfg Co., (Brass), 88 Ainslie, Brooklyn, N. Y.
California Wire Cloth Co., 587 Mission, San Francisco, Cal.
Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
Cleveland Wire Cloth & Mfg. Co., 3576 E. 78th, Cleveland, O.
See adv index at end of book

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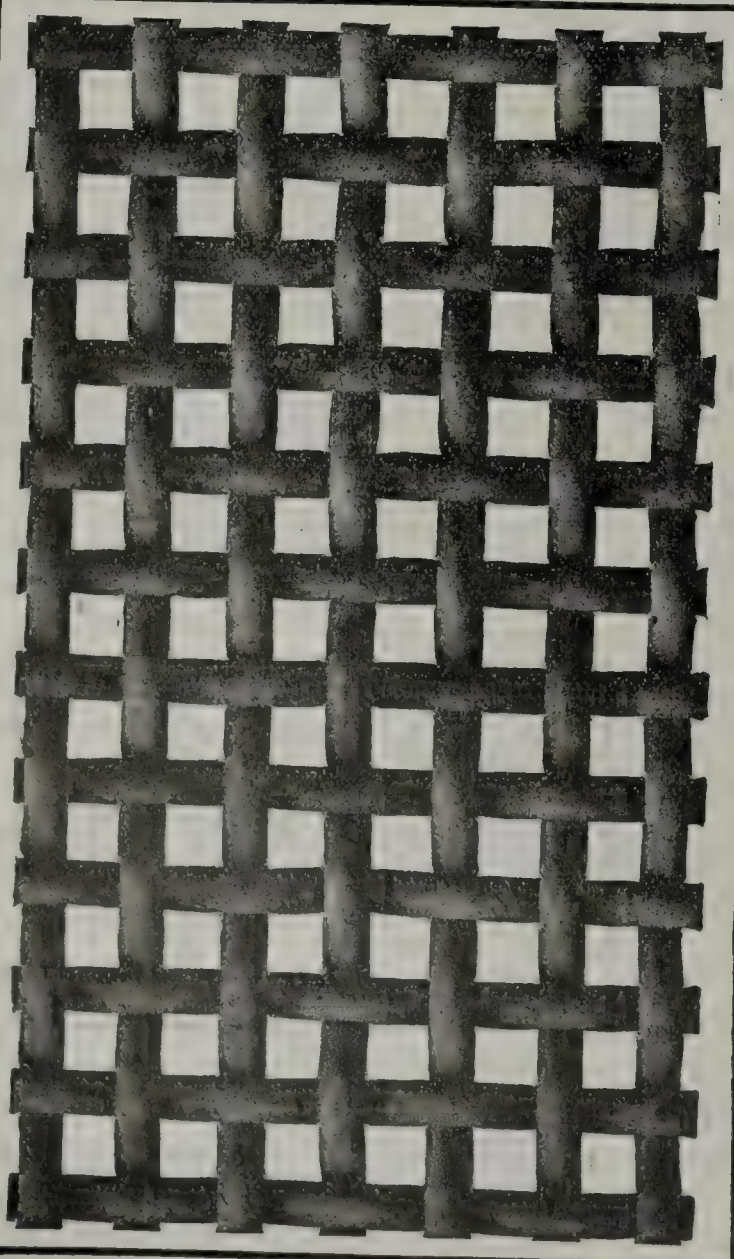
Estey Bros. Co., 270 Union av, Brooklyn, N. Y.
ESTEY WIRE WORKS CO., 34 Cliff, New York
Gilbert & Bennett Mfg. Co. ("Pearl"), Georgetown, Conn.
Hanover Wire Cloth Co., Hanover, Pa.
Howard & Morse, 46 Fulton, New York
Jelliff C. O. Mfg. Corp., Southport, Conn.
Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
Lindsay Wire Weaving Co., 14025 Aspinwall, Cleveland, O.
Ludlow-Saylor Wire Co., Newstead av, c Wabash av, St. Louis, Mo.
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
MICHIGAN WIRE CLOTH CO. (All Kinds), 500 Howard, Detroit, Mich.
See adv index at end of book
Miller Wire Cloth Co. (Sieve & Strainer), 70 Commercial, Worcester, Mass.
Morss & Whyte Co., Sidney & Pilgrim, Cambridge, Mass.
Multi-Metal Co. (Of Precision, Up to 350 Meshes per inch), 251 W 19th, New York
Newark Wire Cloth Co. (Fine Mesh, up to No. 350), 222-230 Verona av, Newark, N. J. *See adv index at end of book*
New Jersey Wire Cloth Co. (Steel Iron, Galvanized, etc), Trenton, N. J.
New England Wire Cloth Co., So. Norwalk, Conn.
New York Wire Cloth Co., Woolworth bldg, New York. Factory: York, Pa.
Palmer I. E. Co. (Window Screen), Middletown, Conn.
Phoenix Wire Works, Detroit, Mich.
Plocher, Andrew Sons Co., Dayton, O.
Reynolds Wire Co., Dixon, Ill.
Rhode Island Wire Works, 45 Willard av, Providence, R. I.
Rogers Wire Works, Inc. ("De Witt"), Belleville, N. J.
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book



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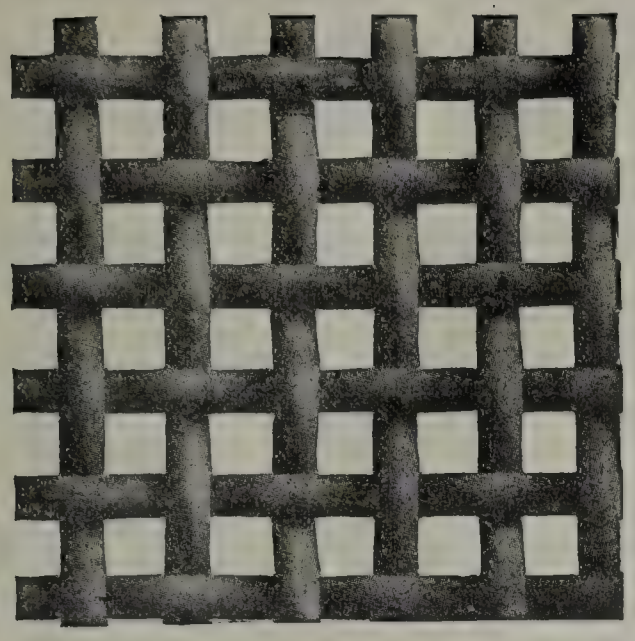

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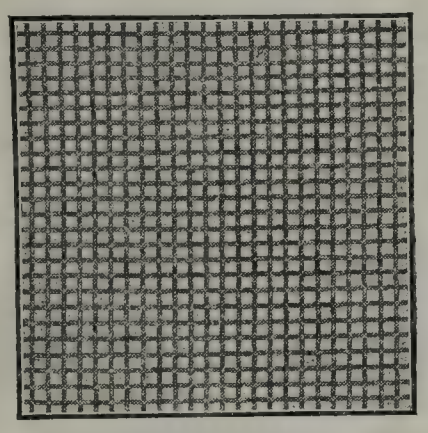

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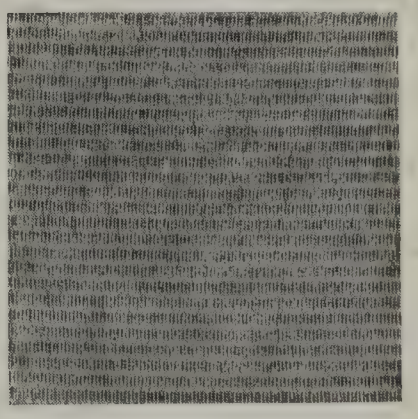

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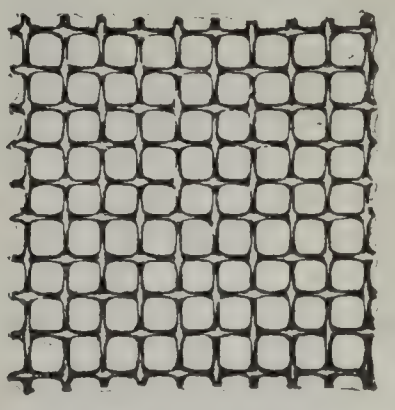
Plain Galvanized Brass Bronze Copper

Excelsior Wire Lathing—plain, painted, or galvanized; stiffened or unstiffened



Branch Offices and Warehouses at Boston, New York, Philadelphia, Chicago, San Francisco

Wright Wire Company, Worcester, Mass.

WIRE CLOTH—continued

Smith John P. & Co. (All Metals), New Haven, Conn.
Spargo Wire Co. (Copper & Bronze), Rome, N. Y.
Success Mfg. Co. ("Perfection," "Triumph"), Gloucester, Mass.
Syracuse Wire Works, 101 University av, Syracuse, N. Y.
Taylor & Dean, Penn av & 25th, Pittsburg, Pa.
Trumpbour-Whitehead Brass & Copper Co. (Brass, Bronze & Copper), 309-311 Canal, New York & 43 N 7th, Phila., Pa. *See adv index at end of book*
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
Upson-Walton Co. of N. Y. The, 291 B'way, New York
See adv index at end of book
Voss Frederick, 1852 Austin av, Chicago, Ill.
West Coast Wire & Iron Works, 861 Howard, San Francisco, Cal.
What Cheer Wire Works, 157 Dorrance, Providence, R. I.
White Wire Works Co., Rochester, N. Y.
Whitehead Metal Products Co. (Brass, Bronze & Copper), 67-73 Washington N Boston, Mass.
See adv index at end of book
Whyte Oliver & Co., 21 Cornhill, Boston, Mass.
Wickwire Bros. ("Cortland" Window Screen), Cortland, N. Y.
Williams Geo. A. & Son, 85 Fulton, New York
Wisconsin Wire Works (Brass & Bronze), Appleton, Wis.
WRIGHT WIRE CO. ("Excelsior" Brand), Worcester, Mass.
See adv index at end of book

16917—Wire Cloth (Brass, Bronze & Copper)

American Wire Fabrics Co. (Screen), 208 S La Salle, Chicago, Ill.
Appleton Wire Works, Appleton, Wis.
Bennett Wire Co. (Also Monel Metal), 405 Lexington av, New York
See adv index at end of book

BENNETT WIRE CO., Inc.
Manufacturers
WIRE CLOTH IN ALL METALS
BRASS, COPPER, BRONZE, MONEL

Office	Works
405 Lexington Ave. (cor. 42nd St.) New York, U. S. A.	So. Norwalk, Connecticut. U. S. A.

Bigelow, Cheney Wire Works, Springfield, Mass.
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.
Clinton Wire Cloth Co., Clinton, Mass.
Darby Edw. & Sons Co., 239 Arch, Phila, Pa.
Eastwood Wire Mfg. Co., ("Perfection"), Belleville, N. J.
Estey Wire Works Co., 34 Cliff, New York
See adv index at end of book
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Howard & Morse, 46 Fulton, New York
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York
Jelliff C. O. Mfg. Corp., Southport, Conn.
McCluskey H. & T. & Sons (Fine), New Haven, Conn.
Merchant & Evans Co., 2035 Washington av, Phila., Pa.
See adv index at end of book
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
MICHIGAN WIRE CLOTH CO., 500 Howard, Detroit, Mich.
See adv index at end of book
Miller Wire Cloth Co., 70 Commercial, Worcester, Mass.
Multi-Metal Co. (Of Precision, Up to 350 Meshes per inch), 251 W 19th, New York
Newark Wire Cloth Co., 222-230 Verona av., Newark, N. J.
See adv index at end of book
New Jersey Wire Cloth Co., Trenton, N. J.
Rogers Wire Works (Inc.), Belleville, N. J. 2340-48 Clybourn av, Chicago, Ill.
SMITH F. P. WIRE & IRON WORKS,
See adv index at end of book
Spargo Wire Co., Rome, N. Y.
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
Upson-Walton Co. of N. Y. The, 291 B'way, New York, *See adv index at end of book*
Wickwire Bros., Cortland, N. Y.
Wisconsin Wire Works, Appleton, Wis.
WRIGHT WIRE CO., Worcester, Mass.
See adv index at end of book

16918—*Wire Cloth (Centrifical & Filter Cloth)

ESTEY WIRE WORKS CO., 34 Cliff, New York *See adv index at end of book*
SUPPLEE-BIDDLE HARDWARE CO., 510 Commerce, Phila., Pa.
See adv index at end of book

16919—Wire Cloth (German Silver)

Multi-Metal Co. (Up to 350 Mesh per inch), 251 W 19th, New York
Newark Wire Cloth Co., 222-230 Verona av, Newark, N. J.
See adv index at end of book

16920—*Wire Cloth (Monel Metal)

ESTEY WIRE WORKS CO., 34 Cliff, New York *See adv index at end of book*
MICHIGAN WIRE CLOTH CO., 500 Howard, Detroit, Mich.
See adv index at end of book
SUPPLEE-BIDDLE HARDWARE CO., 510 Commerce, Phila., Pa.
See adv index at end of book

16920a—*Wire Cloth (Platinum)

Newark Wire Cloth Co., 222-230 Verona av, Newark, N. J.
See adv index at end of book

Wire Cloth (Steel & Iron)

See Wire Cloth

16920b—*Wire Cloth (Twilled)

Newark Wire Cloth Co., 222-230 Verona av, Newark, N. J.
See adv index at end of book

16921—Wire Cloth (Window Screen)

American Wire Fabrics Co. (Painted, Galvanized, Black Enamel & Bright & Antique Bronze), 208 S La Salle, Chicago, Ill.
Bennett Wire Co., 405 Lexington av, New York. *See adv index at end of book*
Clinton Wire Cloth Co. ("Silver Finish" & "Puritan" Galvanized Wire, "Pompeiian" & "Golden" Bronzed), Clinton, Mass.
Darby Edw. & Sons Co. 239 Arch, Phila., Pa.
Hanover Wire Cloth Co., Hanover, Pa.
Howard & Morse, 46 Fulton, New York
Hungerford U. T. Brass & Copper Co. (Bronze), 80 Lafayette, New York
Ludlow-Saylor Wire Co. ("Perfect" Bronze), Newstead av cor Wabash R. R., St. Louis, Mo.
MICHIGAN WIRE CLOTH CO., 500 Howard, Detroit, Mich.
See adv index at end of book
New Jersey Wire Cloth Co., Trenton, N. J.
New York Wire Cloth Co. ("Opal"), Woolworth bldg, New York. Factory: York, Pa.
Reynolds Wire Co., Dixon, Ill.
Rogers Wire Works (Inc.), Belleville, N. J.
Spargo Wire Co. (Copper & Bronze), Rome, N. Y.
Upson-Walton Co. of N. Y. The, 291 B'way, New York
See adv index at end of book
Wickwire Bros. (Painted, Bronze, Galvanized, Galvo Black), Cortland, N. Y.
WRIGHT WIRE CO. ("Excelsior"), Worcester, Mass.
See adv index at end of book

16922—Wire (Coiled Spring)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Cambria Steel Co. (Galvanized, for Fences, etc), Widener bldg, Phila., Pa.
Carpenter Steel Co., Reading, Pa.
Cary Spring Works, 240 W 29th, New York
Frost Superior Fence Co., E 131st, Cleveland, O.
Indiana Steel & Wire Co., (Galvanized), Muncie, Ind.
Kokomo Steel & Wire Co., Kokomo, Ind.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Newman C. Wire Co., 25 Church, New York
Pittsburgh Steel Co., 5th av & Grant, Pittsburgh, Pa.
Riverside Metal Co. (Phosphor Bronze), Riverside, N. J.
Spencer Wire Co., Worcester, Mass.
Washburn Wire Co., Phillipsdale, R. I.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.
Youngstown Sheet & Tube Co., Youngstown, O.

16923—Wire (Cold Drawn Steel)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Atlas Crucible Steel Co., Dunkirk, N. Y.
See adv index at end of book
Cary Spring Works, 240 W 29th, New York
Gulf States Steel Co., Birmingham, Ala.
Igoe Bros., Poinier, Newark, N. J.
Kidd Drawn Steel Co., Allquippa, Pa.
Kokomo Steel & Wire Co., Kokomo, Ind.
Ludlum Steel Co. (Cold Drawn Chrome Wire), Watervliet, N. Y.
Newman C. Wire Co., 25 Church, New York
Page Steel & Wire Co., 30 Church, New York
See adv index at end of book
Peerless Drawn Steel Co. (High Carbon & Alloy Steels), Massillon, O.
Prentiss G. W. & Co., Holyoke, Mass.
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Washburn Wire Co., Phillipsdale, R. I.
Wilson Steel Products Co., 49th & S West-ern av, Chicago, Ill.
Youngstown Sheet & Tube Co., Youngstown, O.

16924—Wire (Cold Rolled)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Newman C. Wire Co., 25 Church, New York

16925—Wire (Connecting & Leading)

See also Blasting Supplies
HERCULES POWDER CO., Wilmington, Del. *See adv index at end of book*

When writing to firms whose names appear in this book please mention
HENDRICKS' COMMERCIAL REGISTER.

Wire (Copper)

See Wire, Brass & Copper

16926—Wire (Copper (Clad)

Standard Underground Cable Co. ("Colonial"), Pittsburgh, Pa.

Steel Sales Corpn., Adams & Jefferson, Chicago, Ill.

16927—Wire (Copper Telephone)

American Electrical Works, Phillipsdale, R. I.

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book

Collyer Insulated Wire Co. ("I. & L."), Pawtucket, R. I.

Detroit Copper & Brass Rolling Mills, Detroit, Mich.

Detroit Insulated Wire Co., Detroit, Mich.

Indiana Rubber & Insulated Wire Co. (Insulated), P. O. Box 192, Jonesboro, Ind.

Kerite Insulated Wire & Cable Co. (Kerite), 30 Church, New York

Michigan Copper & Brass Co., Detroit, Mich.

North American Copper Co., 52 Vanderbilt av, New York

Phillips Wire Co., Pawtucket, R. I.

ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book

Rome Wire Co. ("Rome Wire"), Rome, N. Y. *See adv index at end of book*

Safety Insulated Wire & Cable Co. (Rubber Insulated), 114 Liberty, New York

Simplex Wire & Cable Co. ("Simcore"), 201 Devonshire, Boston, Mass.

Standard Underground Cable Co., Pittsburgh, Pa.

Waclark Wire Co., 20 Exchange pl, New York

16928— Wire (Coppered)

American Electrical Works, Phillipsdale, R. I.

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book

Indiana Steel & Wire Co., (Bright), Muncie, Ind.

Morgan Spring Co., Worcester, Mass.
See adv index at end of book

Prentiss G. W. & Co., Holyoke, Mass.

ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book

Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book

Spencer Wire Co., Worcester, Mass.

Washburn Wire Co., Phillipsdale, R. I.

Wickwire Bros., Cortland, N. Y.

Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

WRIGHT WIRE CO., Worcester, Mass.
See adv index at end of book

Youngstown Sheet & Tube Co., Youngstown, O.

16928a—*Wire ("Copperweld" Copper Clad Steel)

PAGE STEEL & WIRE CO. ("Copperweld"), 30 Church, New York
See adv index at end of book

16928b—*Wire ("Copperweld" Copper Clad Steel Line)

PAGE STEEL & WIRE CO., 30 Church, New York. *See adv index at end of book*

16929— *Wire Cord

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book

ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book

Townsend Co., New Brighton, Pa.

UPSON-WALTON CO. OF N. Y. THE ("Perfection", "Drednaut"), 291 B'way, New York
See adv index at end of book

16929a— Wire Core

American Steel & Wire Co., 208 S. La Salle, Chicago, Ill. *See adv index at end of book*

Atlantic Wire Co., Branford, Conn.

Morgan Spring Co., Worcester, Mass.
See adv index at end of book

Roebling John A. Sons Co. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book

Spencer Wire Co., Worcester, Mass.

Wright Wire Co., Worcester, Mass.
See adv index at end of book

16929b— Wire (Dental)

Electrical Alloy Co., Morristown, N. J.

Wire (Electrical)

See Insulated, Copper, Magnet, Enameled Rubber Covered & other kinds of Wire

16930— Wire (Enameled)

Acme Wire Co. ("Enamelite"), New Haven, Conn.

Automatic Electric Co. ("Raven"), 1001 W Van Buren, Chicago, Ill.

Belden Mfg. Co. ("Cotenamel" "Beldenamel"), 2316 S. Western av, Chicago, Ill.

Bradford Kyle & Co., Plymouth, Mass.

Chicago Insulated Wire & Mfg. Co., Sycamore, Ill.

Dudlo Mfg. Co. (Sizes 25 to 40 B. S. Gauge), Fort Wayne, Ind.

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

Massachusetts Electric Mfg. Co., Lynn, Mass.

ARMCO WELDING RODS

OXY-ACETYLENE and ELECTRIC

AMERICAN ARMCO INGOT IRON

ARMCO Filler Rods are offered with two strong initial recommendations:

First: **Manufacture of the raw iron with the skill and fidelity associated with all products of the American Roller Mill Co., and**

Second: **Drawing and control of all finishing operations under direction of the laboratory specialists of the Page Steel & Wire Co.**

A weld made with ARMCO Rods closely approaches the original strength per square inch of the original metal section and lends itself particularly well to subsequent hammering or other finishing treatment.

Two ARMCO rods, one for oxy-acetylene and another for electric, *do well* what has heretofore required a selection of one from ten to twenty grades.

ARISTOS "COPPERWELD" REG. U.S. PAT. OFF.

Drawn from the product of Copper Clad Steel Co., Pittsburgh

COPPERWELD COPPER CLAD STEEL WIRE

Copperweld is not a cure-all, but where some of the conductivity of solid copper wire can be sacrificed for greater tensile strength or where exposed steel conductors would corrode, Copperweld will make big savings.

Copperweld Copper Clad Steel Wire for the needed conductivity
—weighs much less than copper,
—has much higher elastic limit,
—has about 20% smaller diameter and therefore less projected surface exposed to wind pressure and capable of carrying sleet load

—and for the same cost you get much more Copperweld than solid copper wire.

PAGE STEEL & WIRE CO.

Established 1883 as Page Woven Wire Fence Company

STEEL AND WIRE PAGE QUALITY PRODUCTS

Makers of Copperweld Copper Clad Steel Wire; Armco Welding Rods and Electrical Wire; Wire Mill Products, Plain and Galvanized; Wire of Special Analysis; Wire Fencing for all Purposes; Factory Gates; Ornamental Iron Fence; Machine Guards; Tool and Stock-room Partitions; Architectural Iron

FACTORIES: **Monessen, Pa., and Adrian, Mich.** **SALES OFFICES, 30 Church Street, New York**
Chicago: Steel Sales Corporation

STEEL AND WIRE PAGE QUALITY PRODUCTS

WIRE (ENAMELED)—continued

Moore Alfred F., 200 N 3d, Phila., Pa.
Reliable Electric Co., 411 S Sangamon, Chicago, Ill.
Riege, Archer Co., 4317 Griscom, Phila., Pa.
ROEBLING'S JNO. A. SONS CO., Trenton, N. J. *See adv index at end of book*

16931—*Wire Fabric Reinforcement

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book

16932— Wire (Feeder)

American Electrical Works, Phillipsdale, R. I.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Ansonia Electrical Co. (Electric Railway Wires & Cables), Ansonia, Conn.
Collyer Insulated Wire Co. ("I. & L."), Pawtucket, R. I.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hazard Mfg. Co., Wilkes-Barre, Pa.
Indiana Rubber & Insulated Wire Co. (Insulated), P. O. Box 192, Jonesboro, Ind.
Kerite Insulated Wire & Cable Co. (Kerite), 30 Church, New York
National Conduit & Cable Co. (Weatherproof Wire & Cable), 41 Park Row, New York
OKONITE CO. (Railway Feed, etc), 501 Fifth av, New York
See adv index at end of book
Phillips Wire Co., Pawtucket, R. I.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Safety Insulated Wire & Cable Co., 114 Liberty, New York
Simplex Wire & Cable Co. ("Simcore"), 201 Devonshire, Boston, Mass.
Standard Underground Cable Co., Pittsburgh, Pa.

16933— Wire (Fence)

See also Fences, Woven Wire

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Builders Iron Works Co., St. Paul, Minn.
Cyclone Wire Co., Waukegon, Ill.
Frost Superior Fence Co., E 131st, Cleveland, O.
Gulf States Steel Co., Birmingham, Ala.
Herzog Iron Works, St. Paul, Minn.
Interstate Iron & Steel Co., 1st Nat'l Bank bldg, Chicago, Ill.
Keystone Steel & Wire Co., Peoria, Ill.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J.
See adv index at end of book
WRIGHT WIRE CO. ("Excelsior Rust Proof"), Worcester, Mass.
See adv index at end of book

16934—Wire Fences & Gates

See also Fences, Railroad & Farm; also Fences, Woven Wire

Adrian Wire Fence Co. (Wholesale Mfrs), Adrian, Mich.
American Fence Construction Co., 104 Church, New York
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Anchor Fence & Iron Co. (Farm & Railroad "Anchor" Spring Wire), Cleveland, O.
ANCHOR POST IRON WORKS, 167 B'way, New York
For branch offices see Alphabetical Section
Barnes Wire Fence Co., 552 River av, Detroit, Mich.
Bond Steel Post Co. ("Empire"), Adrian, Mich.
Brown H. L. Fence & Mfg. Co. ("Norwood"), Oakley, Cincinnati, O.
Builders Iron Works Co., St. Paul, Minn.
Champion Iron & Wire Wks., Omaha, Neb.
Clinton Wire Cloth Co., Clinton, Mass.
Colvin Chase Fence Co., South Charleston, Ohio
Cyclone Fence Co. (Ornamental), Waukegan, Ill.
Decatur Mfg. Co., Decatur, Ill.
Dwiggins Wire Fence Co. (Wholesale Mfrs. for Fields, Lawns, Cemeteries & Parks), Anderson, Ind.
Elliott & Reid Co. (Slat Fence, etc), Richmond, Ind.
Enterprise Iron Works (Cemetery, Farms, etc), Indianapolis, Ind.
Eureka Fence Mfg. Co. (Lawn Fences & Gates, etc), Richmond, Ind.
Excelsior Fence Co. ("Excelsior"), Spokane, Wash.
Fiske J. W. Iron Works, 80 Park pl, New York
Frost Superior Fence Co. (Farm & Railroad Fence & Steel Gates), E 131st, Cleveland, O.
Gate City Fence Works,, Atlanta, Ga.
Gem Wire Fence Co., Pontiac, Mich.
Gilbert & Bennett Mfg. Co. (Wholesale Mfrs.), Georgetown, Conn.
Gulf States Steel Co. (Field Fencing Only), Birmingham, Ala.
Haish Jacob & Co. (Wholesale Mfrs.), De Kalb, Ill.
Hoosier Fence Co. (Wholesale Mfrs. of Ornamental Steel Wire), Frankton, Ind.
Howard & Morse, 46 Fulton, New York
Indiana Steel & Wire Co. (Wholesale Mfrs.), Muncie, Ind.
Janesville Barb Wire Co. (Wholesale Mfrs.), Janes, Wis.
Keystone Steel & Wire Co. ("Square Deal"), Peoria, Ill.
Kitselman Bros. (Wholesale Mfrs., Ornamental), Muncie, Ind.
Kokomo Fence Machine Co. (Ornamental), Kokomo, Ind.
Kokomo Steel & Wire Co. ("Kokomo Pioneer" Ornamental), Kokomo, Ind.
Lansing Co., Lansing, Mich.
Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
Ludlow-Saylor Wire Co., Newstead av, c Wabash R. R., St. Louis, Mo.
Mason Fence Co. ("Mason Champion" Wholesale Mfrs.), Leesburg, O.
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
Michigan Wire Fence Co., Adrian, Mich.
New Jersey Wire Cloth Co., Trenton, N. J.
Nichols Wire Co., 21st & Baltimore, Kansas City Mo.
Ohio Anchor Fence Co., Cleveland, O.
Pacific Fence Construction Co., 423 Market, San Francisco, Cal.
Peerless Wire Fence Co., Adrian, Mich.
Pittsburgh Steel Co. (Wholesale Mfrs.), 5th av & Grant, Pittsburgh, Pa.
Plocher Andrew Sons Co. (Gates Only), Dayton, O.
St. Louis Wire & Iron Co., St. Louis, Mo.
Schreiber L. & Sons Co., 3869 Ivanhoe, Cincinnati, O.
Shaw Wire Fence Co., Warsaw, O.
Smith A. L. Iron Works, Chelsea, Mass.
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Spring Steel Fence & Wire Co. (Wholesale Mfrs.), Anderson, Ind.
Taylor & Dean, Penn av & 25th, Pittsburgh, Pa.
Texas Anchor Fence Co., Ft. Worth, Tex.
Ward Mfg. Co., Decatur, Ind.
West Coast Wire & Iron Works, 861 Howard, San Francisco, Cal.
WRIGHT WIRE CO. (Wholesale Mfrs., Ornamental, Railway & Farm, "Excelsior," "Chain Link," "Poultry" & "Rabbit"), Worcester, Mass.
See adv index at end of book
Youngstown Sheet & Tube Co. (Wholesale Mfrs.), Youngstown, O.

16935— Wire (Fish)

Steel City Electric Co. ("Superior"), 1207 Columbus av, Pittsburgh, Pa.

Wire (Fixture)

See Wire, Insulated

16936—Wire (Flat & Round Tempered)

American Steel Co. (Flat), Park bldg., Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Cary Spring Works, 240 W 29th, New York
Crucible Steel Co. of America (Crucible Steel Tempered & Untempered), Oliver bldg, Pittsburg, Pa.
De Haven Mfg. Co., 50 Columbia Heights, Brooklyn, N. Y.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Newman C. Wire Co., 25 Church, New York
Prentiss G. W. & Co., Holyoke, Mass.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Schwartz Herrmann, 121 Nassau, New York
Spencer Wire Co., Worcester, Mass.
Wetherell Bros. Co., 31 Oliver, Boston, Mass. *See adv index at end of book*

16937— Wire (Florists')

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Prentiss G. W. & Co., Holyoke, Mass.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton, & Roebling, N. J.
See adv index at end of book
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Spencer Wire Co., Worcester, Mass.
Triple Sign Co. (Wire Floral Supports), Connersville, Ind.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.
WRIGHT WIRE CO., Worcester, Mass.
See adv index at end of book

16938—*Wire Flower Bed Guards

Cyclone Fence Co., Waukegon, Ill.
WRIGHT WIRE CO. ("Excelsior Rust Proof"), Worcester, Mass.
See adv index at end of book

16938a—*Wire (For Glass Wire Mfrs.)

Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book

16938b— *Wire Forming

Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
Gem Stamped Steel Co., Chelsea, Mass.

16938c— Wire (Fourdrinier)

Appleton Wire Works, Appleton, Wis.
Babbitt L. L., Clayville, N. Y.
Bigelow, Cheney Wire Works, Springfield, Mass.
Buchanan & Bolt Wire Co., Holyoke, Mass.
Cabble Wm. Excelsior Wire Mfg. Co., 88 Ainslee, Brooklyn, N. Y.
Driver-Harris Co., Harrison, N. J.
Eastwood Wire Mfg. Co., Belleville, N. J.
Gleason Thos., East Newark, N. J.
Lindsay Wire Weaving Co., 14025 Aspinwall, Cleveland, O.
McCluskey H. & T. & Sons, New Haven, Conn.
Multi-Metal Co., 251 W 19th, New York
Riverside Metal Co. (Phosphor Bronze), Riverside, N. J.
Scovil Mfg. Co., Waterbury, Conn.
See adv index at end of book
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
Wisconsin Wire Works, Appleton, Wis.

Wire (Galvanized)

See Wire, Market

16938d— Wire (Gas Mantle)

Electrical Alloy Co., Morristown, N. J.

16939—Wire (German Silver)

American Brass Co., Waterbury, Conn.
For branch offices see adv index at end of book
Babbitt L. L., Clayville, N. Y.
Besly Chas. H. & Co. ("Helmet"), 120 H N Clinton, Chicago, Ill.
Bridgeport Brass Co., Bridgeport, Conn.
Bristol Brass Co., Bristol, Conn.
Chase Metal Works, Waterbury, Conn.
Chase Rolling Mill Co., Waterbury, Conn.
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
Hough W. S. Jr. Co., 61 Peck, Providence, R. I.
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York
McClusky H. & T. & Sons, New Haven, Conn.
Merchant & Evans Co., 2035 Washington av, Phila., Pa.
See adv index at end of book
Metal Products Co. Inc., 100 So. Jefferson, Chicago, Ill.
See adv index at end of book
MICHIGAN WIRE CLOTH CO., 500 Howard, Detroit, Mich.
See adv index at end of book
Murray Wire Co., 355 Cortlandt, Newark, N. J.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.
Riverside Metal Co., Riverside, N. J.
SCOVILL MFG. CO., Waterbury, Conn.
See adv index at end of book
Seymour Mfg. Co., Seymour, Conn.
Trumpbour-Whitehead Brass & Copper Co., 309-311 Canal, New York & 43 No 7th, Phila., Pa.
See adv index at end of book
Whitehead Metal Products Co., 67-73 Washington, North, Boston, Mass.
See adv index at end of book
Wright Wire Co., Worcester, Mass.
See adv index at end of book

16940— *Wire (Gilding)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

Wire Glass for All Purposes

See Glass, Wire, Manufacturers

16941—Wire Goods (Bright)

See also the Specific Article Required

American Stamping Mfg. Co. (Specialties), Park bldg, Pittsburgh, Pa.
American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
Autoyre Co., Oakville, Conn.
Belmer H. Co., 628 W 3rd, Cincinnati, O.
Bromwell Co., 420 Main, Cincinnati, O.
Brooks M. S. & Sons (All Kinds of Wire Specialties, etc), Chester, Conn.
Campbell Wire Specialty Works (Automatic Work), South Bend, Ind.
Collis Co., Clinton, Ia.
Diamond Wire & Iron Wks (Woven Wire), 516 N Capital av, Indianapolis, Ind.
Grammes L. F. & Sons, Allentown, Pa.
See adv index at end of book
Hamblin & Russell Mfg. Co., Worcester, Mass.
Howard & Morse, 46 Fulton, New York
Jencks E. Mfg. Co. (Special Bright Iron & Brass, etc), Worcester, Mass.
Jenkinson R. S. & Co., (By Automatic Machines), 293 Washington, Newark, N. J.
Landers, Frary & Clark, New Britain, Conn. *See adv index at end of book*
MICHIGAN WIRE CLOTH CO., 500 Howard, Detroit, Mich.
See adv index at end of book
MORGAN SPRING CO., Worcester, Mass.
See adv index at end of book
National Mfg. Co. ("Natwire"), Worcester, Mass.
Oakville Co., Waterbury, Conn.
Ohio Wire Goods Co., Akron, O.
Parker Wire Goods Co. (Bright & Mill Wire), Worcester, Mass.
Peerless Wire Goods Co., Lafayette, Ind.
Smith F. P. & Co. (Specials), Sharon Hill, Pa.
Special Machinery Co., Bridgeport, Conn.
Traut & Hine Mfg. Co., New Britain, Conn.
Troy Wire Goods Co., Troy, N. Y.
Turner & Stanton Co., Norwich, Conn.
Wedmore D. A. & Co., Camden, N. J.
Wire Goods Co. (Everything in Wire), Worcester, Mass.
Wire Hardware Co., 6126 S La Salle, Chicago, Ill.
Woods-Sherwood Co., Worcester, Mass.

16942—Wire (Gun Wrapping)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Clinton & Roebling, N. J.
See adv index at end of book
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book

16943— Wire (Hairpin)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

16944—Wire (Hook & Eye)

AMERICAN BRASS CO., Waterbury, Conn.
See adv index & branch offices at end of book
Scovil Mfg. Co., Waterbury, Conn.
See adv index at end of book

16944a— Wire Infant Cribs

Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.

16945— Wire (Insulated)

AMERICAN BRASS CO. ("K. K." Weatherproof & Slow Burning), Waterbury, Conn.
For branch offices see adv index at end of book
American Electrical Works, Phillipsdale, R. I.
American Insulated Wire & Cable Co., 954 W 21st, Chicago, Ill.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Ansonia Electrical Co., Ansonia, Conn.
Atlantic Insulated Wire & Cable Co. ("Neptune," "Dolphin," "Triton"), Stamford, Conn.
Bay State Insulated Wire & Cable Co. ("Maconite"), Hyde Park, Mass.
Belden Mfg. Co., 2316 S Western av, Chicago, Ill.
Bishop Gutta-Percha Co. (Rubber & Gutta Percha), 420 E 25th, New York
Boston Insulated Wire & Cable Co. (Asbestos & Rubber Covered), Boston, Mass.
Bourn Rubber Co., 58 Warren, Providence, R. I.
Bradford, Kyle & Co., Plymouth, Mass.
Bridgeport Brass Co., Bridgeport, Conn.
Chicago Insulated Wire & Mfg. Co., Sycamore, Ill.
Collyer Insulated Wire Co. ("I X L"), Pawtucket, R. I.
Crescent Insulated Wire & Cable Co., Trenton, N. J.
Detroit Insulated Wire Co., Detroit, Mich.
Doyle-Dacosta Mfg. Co., Easton, Pa.
Edison Elec. Illuminating Co. of Brooklyn, 360 Pearl, Brooklyn, N. Y.
Electric Cable Co., 10 E 43d, New York
Electrical Alloy Co., Morristown, N. J.
GENERAL ELECTRIC CO. (All Kinds), Schenectady, N. Y.
See adv index at end of book
Goodrich B. F. Co., Akron, O.
Habirshaw Electric Cable Co., 10 E. 43d, New York
Hazard Mfg. Co. (Rubber), Wilkes-Barre, Pa.
Independent Lamp & Wire Co. (Asbestos) 1733 B'way, New York
Indiana Rubber & Insulated Wire Co. ("Paranite"), P. O. Box 192, Jonesboro, Ind.

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Malin & Co. (Spooled), Cleveland, O.
Marion Insulated Wire & Rubber Mfrs., Marion, Ind.
Monarch Electric & Wire Co. ("Monarch," Copper & Iron), 622 W Adams, Chicago, Ill.
Moore Alf. F. (All Kinds), 200 N 3d, Phila., Pa.
National Conduit & Cable Co., 41 Park Row, New York
National India Rubber Co. ("C. M."), Bristol, R. I.
New England Electrical Works, Lisbon, N. H.
New York Insulated Wire Co., 84 State, Boston, Mass.
OKONITE CO., 501 Fifth av, New York
See adv index at end of book
Phillips Wire Co., Pawtucket, R. I.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
ROME WIRE CO. ("Rome Wire"), Rome, N. Y. *See adv index at end of book*
Safety Insulated Wire & Cable Co. (Rubber, Varnished, Cambris & Paper), 114 Liberty, New York
Simplex Wire & Cable Co. ("Simcore"), Boston, Mass.
Standard Underground Cable Co., Pittsburgh, Pa.
Washburn Wire Co., Phillipsdale, R. I.
Western Electric Co., 463 West, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

16946— Wire (Iron)

American Electrical Wks, Philipsdale, R. I.
American Steel & Wire Co. (Rope), 208 So. La Salle, Chicago, Ill.
See adv index at end of book
Broderick & Bascom Rope Co., Main & Douglass, St. Louis, Mo.
Crawfordsville Wire & Nail Co., Crawfordsville, Ind.
Central Wire & Iron Works, Des Moines, Ia.
Drivers-Harris Co., Harrison, N. J.
Hazard Mfg. Co., Wilkes-Barre, Pa.
Larkin J. K. & Co. "Iron & Steel Bars," 34 Reade, New York
See adv index at end of book
MICHIGAN WIRE CLOTH CO., 500 Howard, Detroit, Mich.
See adv index at end of book
Teschen & Sons Rope Co., 920 N 1st, St. Louis, Mo.
Waterbury Co., 63 Park Row, New York
Williamsport Wire Rope Co., Williamsport, Pa.

16947— Wire (Lead)

Chadwick-Boston Lead Co., Boston, Mass.
Conduit Electrical Mfg. Co. ("Shawmut"), 1st & L, Boston, Mass.
North American Copper Co., 52 Vanderbilt av, New York
United Lead Co., 111 B'way, New York

16947a—Wire (Line, Copper Clad Steel)

PAGE STEEL & WIRE CO. ("Copperweld"), 30 Church, New York
See adv index at end of book

16948— Wire (Liquor Finish)

Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Townsend Co., New Brighton, Pa.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.
Youngstown Sheet & Tube Co., Youngstown, O.

16949-50— Wire (Magnet)

Acme Wire Co. ("Cottonite," "Silkenite"), New Haven, Conn.
AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
American Electrical Works, Phillipsdale, R. I.
American Enameled Magnet Wire Co., Muskegon, Mich.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Ansonia Electrical Co. (Cotton & Silk Covered), Ansonia, Conn.
Automatic Electric Co., 1001 W. Van Buren, Chicago, Ill.
Belden Mfg. Co. ("Beldenamel," "Cotenamel," "Silkenamel"), 2316 S Western av, Chicago, Ill.
Bradford, Kyle & Co., Plymouth, Mass.
Chicago Insulated Wire & Mfg. Co., Sycamore, Ill.
Dudlo Mfg. Co., Fort Wayne, Ind.
D. & W. Fuse Co. ("Deltabeston"), Hathaway, Providence, R. I.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Goldmark James Co., 81 Warren, New York
Gottschalk John W. Mfg. Co., 2726 Mascher, Phila., Pa.
Hazard Mfg. Co., Wilkes-Barre, Pa.
Independent Lamp & Wire Co. ("Salamander," Asbestos Insulated), 1733 B'way, New York
Kellogg Switchboard & Supply Co., 1066 W Adams, Chicago, Ill.
McEvoy C. H., Lowell, Mass.
Mass. Electric Mfg. Co., West Lynn, Mass.
MICHIGAN WIRE CLOTH CO., 500 Howard, Detroit, Mich.
See adv index at end of book
Moore Alfred F., 200 N 3d, Phila., Pa.
Moxomite Insulating Co., Watervliet, N. Y.
New England Electrical Works, Lisbon, N. H.
Reliable Machine Co., Bridgeport, Conn.
Riege Archer C. (Enameled), 4317 Griscom, Phila., Pa.
Riverside Metal Co. (Phosphor Bronze), Riverside, N. J.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Rome Elec'l Co., Rome, N. Y.
ROME WIRE CO. ("Rome Wire") (Silk & Cotton Enamel Covered), Rome, N. Y.
See adv index at end of book
Standard Underground Cable Co., Pittsburgh, Pa.
STROMBERG - CARLSON TELEPHONE MFG. CO. ("S-C"), Rochester, N. Y.
See adv index at end of book
Stuart-Howland Co., 234 Congress, Boston, Mass.
Western Electric Co., 463 West, New York

16951— Wire (Market)

American Electrical Wks., Phillipsdale, R. I.
American Steel Co., Park bldg., Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Atlantic Steel Co. (Open-Hearth Steel), Atlanta, Ga.
Belfont Iron Works Co. (Annealed, Galvanized, etc), Ironton, O.
Broderick & Bascom Rope Co., Main & Douglas, St. Louis, Mo.
Cambria Steel Co. (Annealed, Bright & Galvanized), Widener bldg, Phila., Pa.
Crawfordsville Wire & Nail Co., Crawfordsville, Ind.
Driver-Harris Co., Harrison, N. J.
Frost-Superior Fence Co. (Galvanized), E 131st, Cleveland, O.
Girard Model Works, Girard, Pa.
Gulf States Steel Co. (Plain & Galvanized), Birmingham, Ala.
Hazard Mfg. Co., Wilkes-Barre, Pa.
Igoe Bros., Poinier, Newark, N. J.
Indiana Steel & Wire Co., (Bright), Muncie, Ind.
Keystone Steel & Wire Co. (Plain & Galvanized), Peoria, Ill.
Kokomo Steel & Wire Co., Kokomo, Ind.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
MORGAN SPRING CO. (Finished, Bright, Annealed, Galvanized, etc), Worcester, Mass.
See adv index at end of book
Norton Iron Works (Annealed, Galvanized, etc), Ashland, Ky.
Page Steel & Wire Co., Adrian, Mich.
See adv index at end of book
Pittsburgh Steel Co. (Annealed, Bright & Galvanized), 5th av & Grant, Pittsburgh, Pa.
Prentiss G. W. & Co. (Annealed), Holyoke, Mass.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Spencer Wire Co. (Stone & Weaving), Worcester, Mass.
Teschen & Sons Rope Co., 920 N 1st, St. Louis, Mo.
Washburn Wire Co., Phillipsdale, R. I.
Waterbury Co., 63 Park Row, New York
Wickwire Bros. (Annealed, Bright & Galvanized), Cortland, N. Y.
Williamsport Wire Rope Co., Williamsport, Pa.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.
WRIGHT WIRE CO. (Annealed, Bright Galvanized), Worcester, Mass.
See adv index at end of book
Youngstown Sheet & Tube Co. (Annealed & Bright Smooth Wire), Youngstown, O.

16952— Wire (Mattress)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Gulf States Steel Co., Birmingham, Ala.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Morgan Spring Co. (Tinned), Worcester, Mass. *See adv index at end of book*
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Spencer Wire Co., Worcester, Mass.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

16952a—Wire (Molybdenum)

Commercial-Research Co., Jackson av & Honeywell, Long Island City, N. Y.
Pfanstiehl Co., No. Chicago, Ill.

16953—*Wire (Monel Metal)

Driver-Harris Co., Harrison, N. J.
Electrical Alloy Co. (Non-Corrosive), Morristown, N. J.
MICHIGAN WIRE CLOTH CO., 500 Howard, Detroit, Mich.
See adv index at end of book
SUPPLEE-BIDDLE HARDWARE CO. 510 Commerce, Phila., Pa.
See adv index at end of book

WILLIAMS & CO. INC.
PITTSBURGH, PA.

Williams & Co. (Inc.), Penn av, Pittsburgh, Pa. *See adv index at end of book*

16953a— *Wire (Music)

Fischer & Hayes Rope Co., 602 W Lake, Chicago, Ill. *See adv index at end of book*

16954— Wire (Nail)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Belfont Iron Works Co., Ironton, O.
Gulf States Steel Co., Birmingham, Ala.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Keystone Steel & Wire Co., Peoria, Ill.
Kokomo Steel & Wire Co., Kokomo, Ind.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Pittsburgh Steel Co., 5th av & Grant, Pittsburgh, Pa.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.
Youngstown Sheet & Tube Co., Youngstown, O.

Wire (Needle)

See Wire, Steel Needle

Wire Netting (Galvanized)

See Wire Poultry Netting

16955— *Wire (Nickel)

Electrical Alloy Co. (Bare & Insulated), Morristown, N. J.

MICHIGAN WIRE CLOTH CO. 500 Howard, Detroit, Mich.
See adv index at end of book

WILLIAMS & CO. INC.
PITTSBURGH, PA.

Williams & Co. (Inc.), 221 Penn av, Pittsburgh, Pa. *See adv index at end of book*

Wire Parts, see Wire Shapes (Special)

16955a— *Wire (Nickel Silver)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see Alphabetical Section

16955b—Wire (Non-Corrosive)

Electrical Alloy Co. ("Ideal"), Morristown, N. J.

Wire Parts

See Wire Shapes (Special)

16956—Wire (Phosphor Bronze)

Babbitt L. L. (Fine Wires), Clayville, N. Y.
Bradford, Kyle & Co., Plymouth, Mass.
Hough, W. S. Jr. Co., 61 Peck, Providence, R. I.
MERCHANT & EVANS CO. (In Coils, etc), 2035 Washington av, Phila., Pa.
See adv index at end of book
MICHIGAN WIRE CLOTH CO., 500 Howard, Detroit, Mich.
See adv index at end of book
Phosphor Bronze Smelting Co., 2200 Washington av, Phila., Pa.
Reeves Paul S. & Co., 1415 Catharine, Phila., Pa.
Riverside Metal Co., Riverside, N. J.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Seymour Mfg. Co., Seymour, Conn.
Standard Underground Cable Co., Pittsburgh, Pa.
Trumpbour-Whitehead Brass & Copper Co., 309-311 Canal, New York & 43 No. 7th, Phila, Pa.
See adv index at end of book
Waterbury Mfg. Co., Waterbury, Conn.
Whitehead Metal Products Co., 67-73 Washington, North Boston, Mass.
See adv index at end of book
WRIGHT WIRE CO., Worcester, Mass.
See adv index at end of book

16957—Wire (Piano or Music)

AMERICAN STEEL & WIRE CO. ("Perfected," "Crown" & "Star"), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Boker H. & Co., 101 Duane, New York
FRASSE PETER A. & CO. (INC.), ("Brunton's"), 417 Canal, New York
See adv index at end of book
Larkin J. K. & Co., 34 Reade, New York
Malin & Co. (Cast Steel), Cleveland, O.
Montgomery & Co. ("Wm. Smith & Sons" Imported), 105 Fulton, New York
Newman C. Wire Co., 25 Church, New York
Prentiss G. W. & Co., Holyoke, Mass.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Schaff John A., 2021 Clybourn av, Chicago, Ill.
Spencer Wire Co., Worcester, Mass.
Standard Underground Cable Co., Pittsburgh, Pa.
Stevens Chas. G. Co. (Dealers & Mfrs. Agts.), 33 S Jefferson, Chicago, Ill.
Washburn Wire Co., Phillipsdale, R. I.
Waterbury Company, 63 Park Row, New York
Webb Wire Works ("Blue Label"), New Brunswick, N. J.

16958— Wire (Picture)

Morgan Spring Co., Worcester, Mass.
See adv index at end of book
ROEBLING'S JOHN A. SONS CO., Trenton, N. J. *See adv index at end of book*
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Spencer Wire Co., Worcester, Mass.
Tate E. H. Mop & Cordage Co., ("Best Quality"), 15 Chardon, Boston, Mass.
WRIGHT WIRE CO. ("Excelsior Brand"), Worcester, Mass.
See adv index at end of book

16959— Wire (Pin)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Scoville Mfg. Co., Waterbury, Conn.
See adv index at end of book

16960— Wire (Pinion)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Rathbone A. B. & J., Palmer, Mass.
ROEBLING'S JOHN A. SONS CO., Trenton, N. J. *See adv index at end of book*
Spencer Wire Co., Worcester, Mass.
Woburn Gear Works, Woburn, Mass.

16961—Wire (Plain & Galvanized)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Atlantic Steel Co. (Open Hearth Steel), Atlanta, Ga.
Belfont Iron Works Co., Ironton, O.
Colorado Fuel & Iron Co., Denver, Colo.
Crawfordsville Wire & Nail Co., Crawfordsville, Ind.
Cyclone Fence Co., Waukegan, Ill.
Frost Superior Fence Co., E 131st, Cleveland, O.
Gulf States Steel Co., Birmingham, Ala.
Indiana Steel & Wire Co., Muncie, Ind.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Kelly Nail & Iron Co., Ironton, O.
Keystone Steel & Wire Co., Peoria, Ill.
Kokomo Steel & Wire Co., Kokomo, Ind.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Pittsburgh Steel Co., 5th av & Grant, Pittsburgh Pa.
ROEBLING'S JOHN A. SONS CO., Trenton, N. J. *See adv index at end of book*
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book

Wire (Platinum)

See Platinum Sheet & Wire

16962—Wire Poultry Netting

AMERICAN STEEL & WIRE CO. (Galvanized Before Weaving, All Meshes & Sizes), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Anchor Post Iron Works, 167 B'way, N. Y.
For branch offices see Alphabetical Section
California Wire Cloth Co., 587 Mission, San Francisco, Cal.
Cambria Steel Co., Widener bldg., Phila., Pa.
Clinton Wire Cloth Co. ("Clinton," "Silver Finish"), Clinton, Mass.
Darby Edw. & Sons Co., 239 Arch, Phila., Pa.
Dwiggins Wire Fence Co., Anderson, Ind.
Estey Wire Works Co., 34 Cliff, New York
See adv index at end of book
Eureka Fence Mfg. Co. ("Acme"), Richmond, Ind.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Howard & Morse, 46 Fulton, New York
Indiana Steel & Wire Co. ("Success", "U. S."), Muncie, Ind.
Keystone Steel & Wire Co. ("Blue Ribbon," "Square Deal"), Peoria, Ill.
Ludlow-Saylor Wire Co., Newstead av cor Wabash R. R., St. Louis, Mo.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
New Jersey Wire Cloth Co., Trenton, N. J.
Nimmo Fence & Wire Works Co., Dana av & C. L. & N. R. R. Evan, Cincinnati, O.
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
West Coast Wire & Iron Works, 861 Howard, San Francisco, Cal.
Wickwire Bros. ("W. W."), Cortland, N. Y.
WRIGHT WIRE CO. ("Excelsior Brand," Galvanized Before or After Weaving, "Excelsior Brand," "Poultry," "Rabbit"), Worcester, Mass.
See adv index at end of book

16963— Wire (Resistance)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
American Electrical Works, Phillipsdale, R. I.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Belden Mfg. Co. (German Silver, Nickel Steel A. A.), 2316 S Western av, Chicago, Ill.
Boker H. & Co. (Imported "Excello", "Superior," "IA-IA" Imp.), 101 Duane, New York
Bradford, Kyle & Co., Plymouth, Mass.
Chicago Insulated Wire & Mfg. Co., Sycamore, Ill.
Driver-Harris Co. ("Nichrome", "Nichrome II.," "Climax," "Advance," "Therlo," "Yankee Silver," Ferro-Nickel, German Silver), Harrison, N. J.
Electrical Alloy Co. ("Calido," "Rayo," "Comet" Bare & Insulated Nickel & Nickel-Chromium), Morristown, N. J.
Haskins Mfg. Co., 453 Lawton, Detroit, Mich.
Moore Alfred F., 200 N 3d, Phila., Pa.
Murray Wire Co., 355 Cortlandt, Newark, N. J.
Nash Geo. Co., 304 Hudson, New York
New England Electrical Works, Lisbon, N. H.
Riverside Metal Co. (Phosphor Bronze), Riverside, N. J.
Seymour Mfg. Co., Seymour, Conn.
Washburn Wire Co., Phillipsdale, Providence, R. I.

16964— Wire (Resistance, Nickel Silver)

Electrical Alloy Co. (Bare & Insulated), Morristown, N. J.

16964a— Wire (Rheostat)

Electrical Alloy Co., Morristown, N. J.

16965— Wire (Ribbon)

AMERICAN STEEL & WIRE CO. (Flat, Twisted), 208 S La Salle, Chicago, Ill.
See adv index at end of book
ROEBLING'S JOHN A. SONS CO., Trenton, N. J. *See adv index at end of book*

16966—Wire (Rivet, Staple, Screw, Etc.)

AMERICAN BRASS CO. (Brass), Waterbury, Conn.
For branch offices see adv index at end of book
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Cambria Steel Co., Widener bldg, Phila., Pa.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Kokomo Steel & Wire Co. (Rivet & Staple Only), Kokomo, Ind.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Prentiss G. W. & Co., Holyoke, Mass.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Scovil Mfg. Co., Waterbury, Conn.
See adv index at end of book
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Spencer Wire Co., Worcester, Mass.
Washburn Wire Co., Phillipsdale, R. I.
Youngstown Sheet & Tube Co., Youngstown, O.

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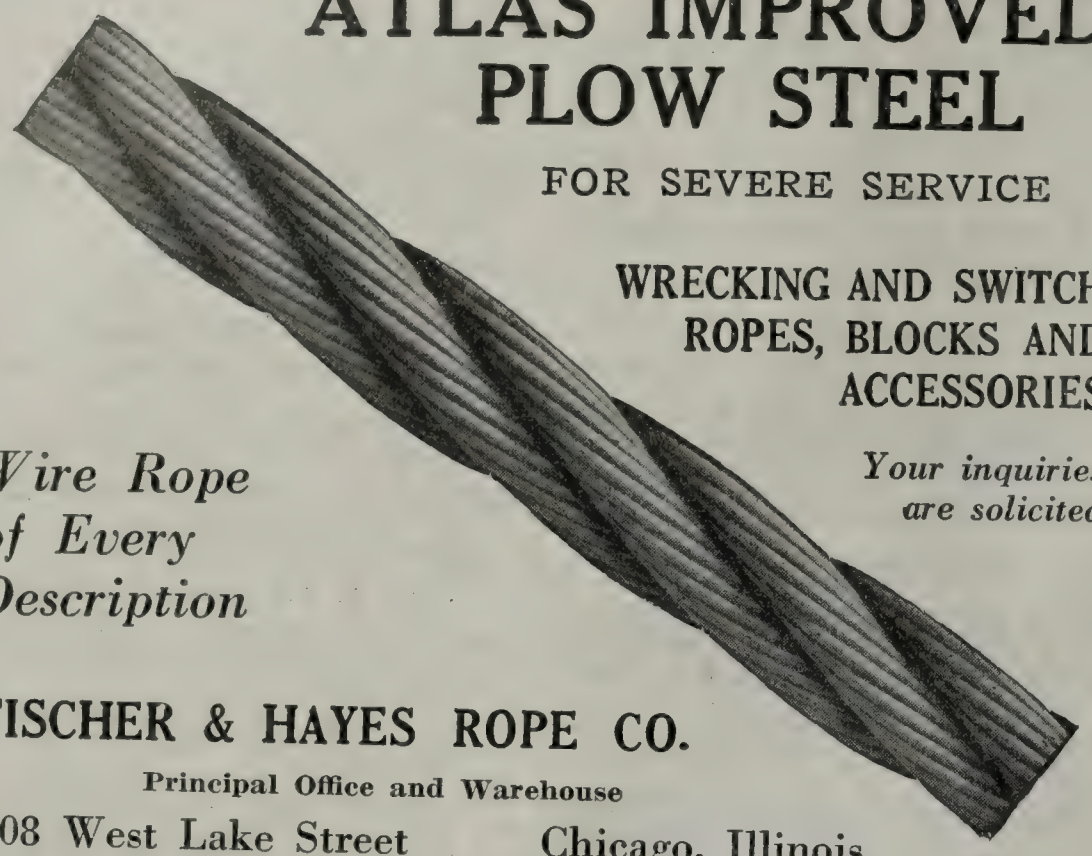

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16966a—*Wire Rope (Cast Steel)

ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book

16966b—*Wire Rope (Coarse Laid Standard)

ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book

16967—Wire Rope Coating & Lubricant

Broderick & Bascom Rope Co., Main & Douglas, St. Louis, Mo.
Climax Refining Co., Williamson bldg, Cleveland, O.
Dixon Joseph Crucible Co., Jersey City, N. J.
Fischer & Hayes Rope Co., 602 W Lake, Chicago, Ill. *See adv index at end of book*
Ironsides Co. ("Ironside" Wire & Fibre Rope Shield), Columbus, O.
Jobbers' Mfg. Co. ("Blue Ribbon"), 327 S. La Salle, Chicago, Ill.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
Macomber & Whyte Rope Co., Racine av, Kenosha, Wis.
Nason R. N. & Co., 151 Potrero av, San Francisco, Cal.
National Refining Co., Cleveland, O.
Ohio Filler & Shield Co. (Filler & Shield), 522 City av, Columbus, O.
Plomo Specialty Mfg Co., Cleveland. O
Reliance Oil & Grease Co. (Grease), Cleveland, O.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Standard Oil Co. of New York ("Standard"), 555 W 25th, New York
Star Lubricating Oil Co., 8714 Broadway, S. E., Cleveland, O.
STRONG MACHINERY & SUPPLY CO. ("Cableine"), 21 Walker, New York
See adv index at end of book
United States Graphite Co. (Graphite), Saginaw, Mich.
Wire Rope Lubricating Co., 40 Clinton, Newark, N. J.

Wire Rope (Derrick & Dredging)

See Wire Rope & Cables

16968—*Wire Rope (Extra Pliable)

ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book

16968a—*Wire Rope (Extra Strong Cast Steel)

ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book

16968b—*Wire Rope (Flat)

ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book

16969—Wire Rope (Galvanized)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Broderick & Bascom Rope Co., Main & Douglas, St. Louis, Mo.
Hazard Mfg. Co., Wilkes-Barre, Pa.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
Macomber & Whyte Rope Co., Racine av, Kenosha, Wis.
Monarch Electric & Wire Co. (Steel Strand Up to One-Half Inch), 622 W Adams, Chicago, Ill.
MOON GEO. C. CO. ("Crescent"), Garwood, N. J. *See adv index at end of book*
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Upson-Walton Co., 1294 W. 11th, Cleveland, O. *See adv index at end of book*
UPSON-WALTON CO. OF N. Y. THE, ("Perfection," "Drednaut"), 291 B'way, New York. *See adv index at end of book*
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See adv index at end of book

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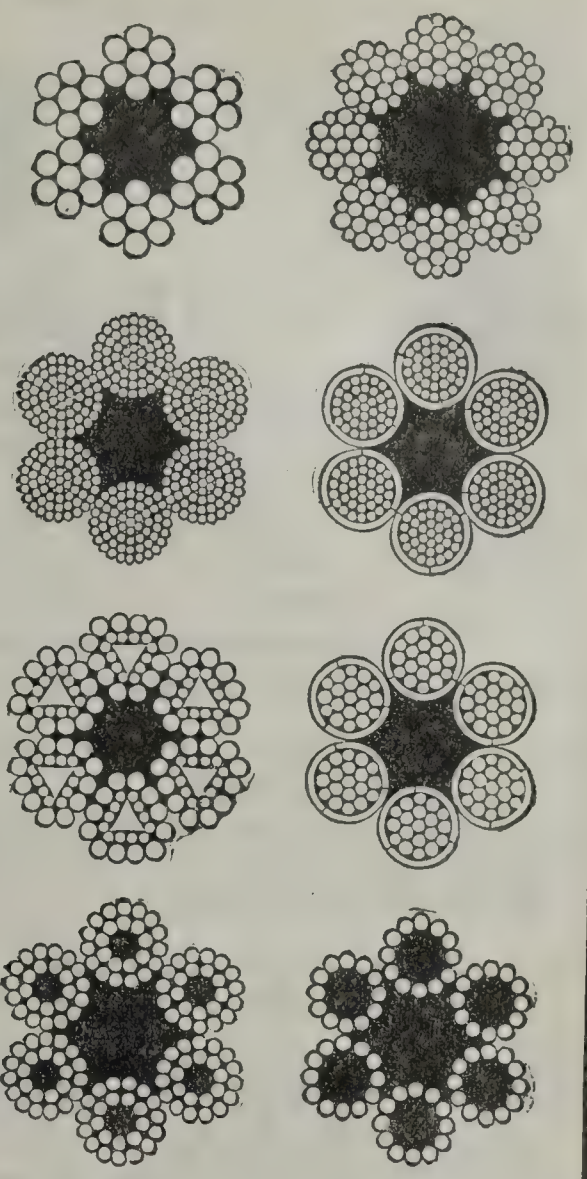

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16969a— *Wire Rope (Guy)

MOON GEO. C. CO. ("Crescent"), Garwood, N. J. *See adv index at end of book*
ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book

16969b—*Wire Rope (Haulage or Transmission)

MOON GEO. C. CO. ("Crescent"), Garwood, N. J. *See adv index at end of book*
ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
UPSON-WALTON CO. OF N. Y. THE ("Perfection," "Drednaut,"), 291 B'way, New York
See adv index at end of book

16969c—*Wire Rope (Hawsers, Galvanized Steel)

American Steel & Wire Co., 208 S La Salle, Chicago, Ill. *See adv index at end of book*
ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
UPSON-WALTON CO. OF N. Y. THE ("Perfection," "Drednaut"), 291 B'way, New York. *See adv index at end of book*

16969d—*Wire Rope (Hemp Clad)

MOON GEO. C. CO. ("Crescent"), Garwood, N. J. *See adv index at end of book*

16969e— *Wire Rope (Hemp Core)

MOON GEO. C. CO. ("Crescent"), Garwood, N. J. *See adv index at end of book*

16969f— *Wire Rope (Hoisting Standard)

ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
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16970—*Wire Rope (Lang Lay)

ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
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16970a—*Wire Rope (Logging)

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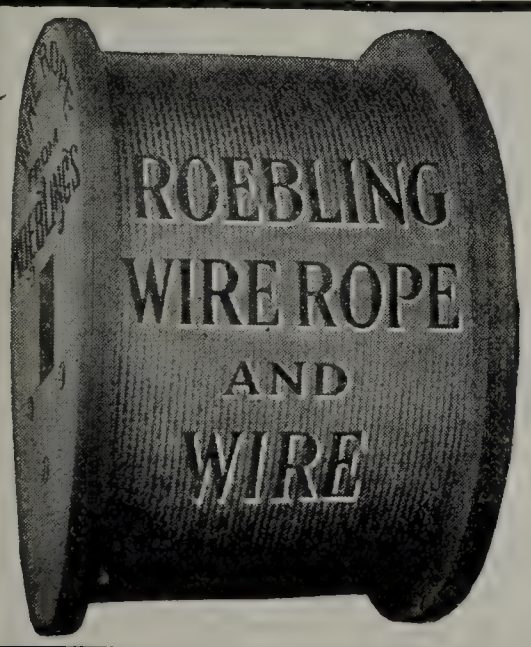
UPSON-WALTON CO. OF N. Y. THE ("Perfection," "Drednaut"), 291 B'way, New York. *See adv index at end of book*



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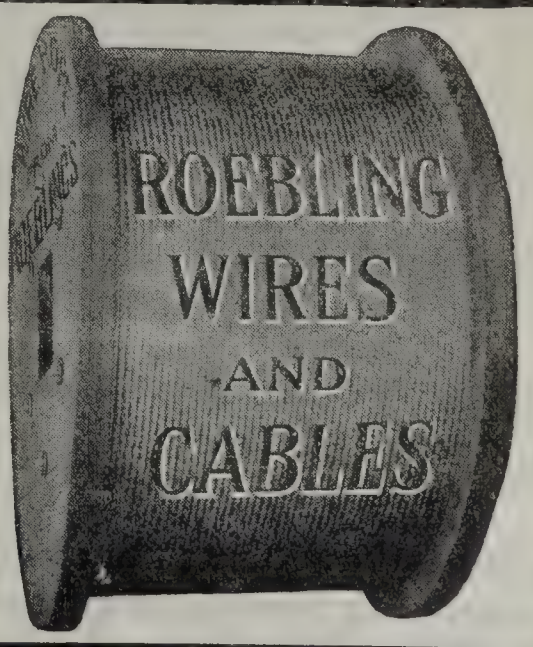

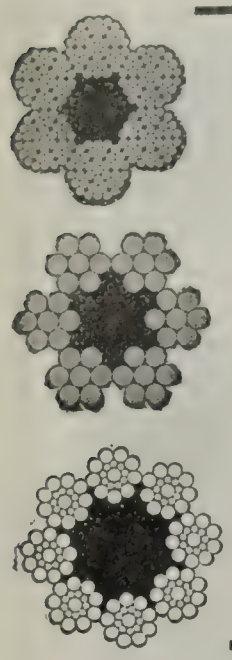

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16972—*Wire Rope (Mooring Lines)

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ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
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UPSON-WALTON CO. OF N. Y. THE ("Perfection," "Drednaut"), 291 B'way, New York. *See adv index at end of book*

16972a—*Wire Rope (Oil Well Drilling Lines)

MOON GEO. C. CO. ("Crescent"), Garwood, N. J. *See adv index at end of book*
ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
UPSON-WALTON CO. OF N. Y. THE ("Perfection," "Drednaut"), 291 B'way, New York. *See adv index at end of book*

16973— Wire Rope (Phosphor Bronze)

Phosphor Bronze Smelting Co., 2200 Washington av, Philadelphia, Pa.
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Riverside Metal Co., Riverside, N. J.
ROEBLING'S JOHN A. SONS CO., Trenton, N. J. *See adv index at end of book*
Upson-Walton Co., 1294 W 11th, Cleveland, O. *See adv index at end of book*

16973a—*Wire Rope (Rigging, Galvanized, Ships)

American Steel & Wire Co. (& Slings), 208 S La Salle, Chicago, Ill.
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ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book

16973b—*Wire Rope (Rigging, Galvanized Steel)

MOON GEO. C. CO. ("Crescent"), Garwood, N. J. *See adv index at end of book*

16973c—Wire Rope (Seale Lay)

ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
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16973d— *Wire Rope Slings

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16973e— *Wire Rope (Tiller)

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UPSON-WALTON CO. OF N. Y. THE ("Perfection," "Drednaut"), 291 B'way, New York. *See adv index at end of book*

16974—Wire Rope Tramways

American Steel & Wire Co. (Trenton-Bleichert System), 208 S La Salle, Chicago, Ill. *See adv index at end of book*
Broderick & Bascom Rope Co., Main & Douglas, St. Louis, Mo.
CLYDE IRON WORKS, Duluth, Minn.
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Denver Engng. Works Co., Denver, Colo.
Dobbie Foundry & Machine Co., Main Office & Works, Niagara Falls, N. Y.
Leschen A. & Sons Rope Co. (Overhead), 920 N 1st, St. Louis, Mo.
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United Telepherage Co., 101 Park av, New York
UPSON-WALTON CO. OF N. Y. THE ("Perfection," "Drednaut"), 291 B'way, New York. *See adv index at end of book*
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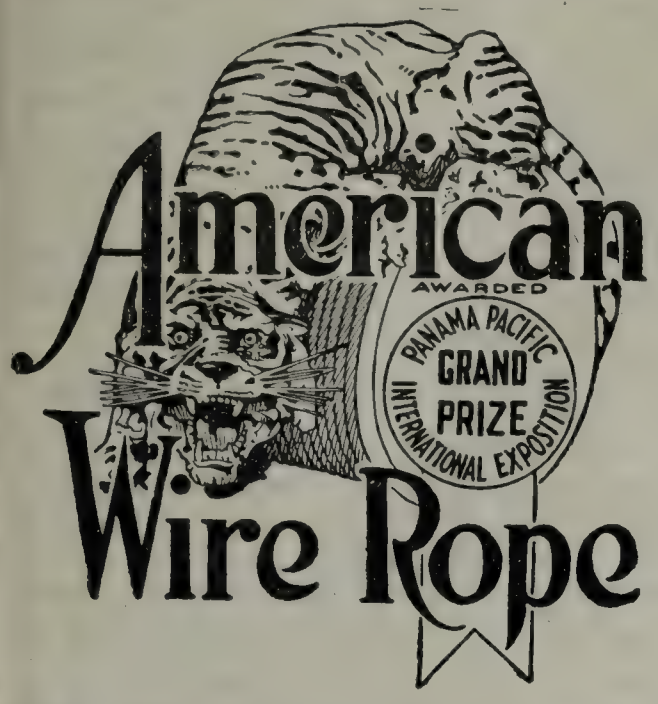

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Larkin J. K. & Co., 34 Reade, New York
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Leland Equipment Co., 126 Pine, San Francisco, Cal.

Leschen A. & Sons Rope Co. ("Hercules"), 920 N 1st, St. Louis, Mo.

Macomber & Whyte Rope Co., Racine av, Kenosha, Wis.

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Oil Well Supply Co. (Jobbers), 215 Water, Pittsburgh, Pa.

Roe & Conover, 206 Frelinghuysen av, Newark, N. J. *See adv index at end of book*

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Upson-Walton Co., 1294 W 11th, Cleveland, O. *See adv index at end of book*

UPSON-WALTON CO. OF N. Y. THE ("Perfection," "Drednaut"), 291 B'way, New York. *See adv index at end of book*

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Waterbury Co., 63 Park Row, New York

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WRIGHT WIRE CO. ("Excelsior Brand"), Worcester, Mass.
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16976—Wire (Rubber Covered)

A. A. Wire Co., Newark, N. J.

Acorn Insulated Wire Co., 77 Richards, Brooklyn, N. Y.

American Electrical Works, Phillipsdale, R. I.

AMERICAN STEEL & WIRE CO. ("Amerite" & "Americore"), 208 S La Salle, Chicago, Ill.
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Astoria Wire Co., Court, Long Island City, N. Y.

Atlantic Insulated Wire & Cable Co. ("Beacon Atlantic," "Neptune Atlantic," "Triton Atlantic," "Dolphin Atlantic"), Stamford, Conn.

Bay State Insulated Wire & Cable Co., Hyde Park, Mass.

Belden Mfg. Co. ("Beldenite"), 2316 S Western av, Chicago, Ill.

Bishop Gutta-Percha Co. (Solid & Flexible), 420 E 25th, New York

Boston Insulated Wire & Cable Co., Boston, Mass.

Bourn Rubber Co., 58 Warren, Providence, R. I.

Collyer Insulated Wire Co. ("I. & L."), Pawtucket, R. I.

Crescent Insulated Wire & Cable Co., Trenton, N. J.

D. & W. Fuse Co., Providence, R. I.

Detroit Insulated Wire Co., Detroit, Mich.

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Electric Cable Co., 10 E 43d, New York

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

Goodrich B. F. Rubber Co., Akron, O.

Habirshaw Elec. Cable Co., 10 E 43d, New York

Independent Lamp & Rubber Co., 1733 B'way, New York

Indiana Rubber & Insulated Wire Co., ("Paranite" & "Peerless" Wires & Cables), P. O. Box 192, Jonesboro, Ind.

Kerite Insulated Wire & Cable Co. (Kerite), 30 Church, New York

Lowell Insulated Wire Co. (Solid, Stranded, Double Braid & Duplex), Lowell, Mass.

McEvoy C. H., Lowell, Mass.

Marion Insulated Wire & Rubber Mfrs. ("Eagle"), Marion, Ind.

Moore Alfred F. (Solid & Flexible), 200 N 3d, Phila., Pa.

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New England Cable Co., Concord, N. H.

New York Insulated Wire Co. ("Grimshaw" Black & "Raven" Core), 84 State, Boston, Mass.

Okonite Co., 501 5th av, New York

Phillips Wire Co. ("Parac"), Pawtucket, R. I.

Railroad Supply Co., 203 S Dearborn, Chicago, Ill.

ROEBLING'S JOHN A. SONS CO., Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
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Rome Wire Co. ("Rome Wire"), Rome, N. Y. *See adv index at end of book*

Safety Insulated Wire & Cable Co., 114 Liberty, New York

Simplex Wire & Cable Co. ("Simcore" "B-C"), 201 Devonshire, Boston, Mass.

Standard Underground Cable Co., Pittsburgh, Pa.

16977— Wire (Rule)

AMERICAN STEEL & WIRE CO. 208 S La Salle, Chicago, Ill.
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Newman C. Wire Co., 25 Church, New York

Washburn Wire Co., Phillipsdale, R. I.

16978—Wire (Scratch Brush)

AMERICAN STEEL & WIRE CO. 208 S La Salle, Chicago, Ill.
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Murray Wire Co., 355 Cortlandt, Newark, N. J.

Prentiss G. W. & Co., Holyoke, Mass.

Riverside Metal Co. (Phosphor Bronze), Riverside, N. J.

WRIGHT WIRE CO., Worcester, Mass.
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Estey Wire Works Co., 34 Cliff, New York
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Meyers Fred. J. Mfg. Co., Hamilton, O.
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Riverside Metal Co. (Phospher Bronze), Riverside, N. J.
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Spencer Wire Co., Worcester, Mass.
WRIGHT WIRE CO., Worcester, Mass.
See adv index at end of book

16980—*Wire Screening for Coal & Gravel Screens

ESTEY WIRE WORKS CO., 34 Cliff, New York. *See adv index at end of book*
SMITH F. P. WIRE & IRON WORKS, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book

16981—Wire Shapes (Special)

AMERICAN STEEL & WIRE CO. 208 S La Salle, Chicago, Ill.
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Autoyre Co., Oakville, Conn.
Bridgeport Chain Co., Bridgeport, Conn.
Brooks M. S. & Sons, Chester, Conn.
Cleveland Wire Spring Co., Cleveland, O.
Cuyahoga Spring Co., 16609 Waterloo rd, Cleveland, O. *See adv index at end of book*
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Jenkinson R. C. & Co., 293 Washington, Newark, N. J.
MORGAN SPRING CO., Worcester, Mass.
See adv index at end of book
Murray Wire Co. (For Special Purposes), 355 Cortlandt, Newark, N. J.
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Spencer Wire Co., Worcester, Mass.
Titchener E. H. & Co., Binghamton, N. Y.
Townsend Co., New Brighton, Pa.
Warner Bros. Co., Bridgeport, Conn.

16981a— Wire (Signal)

PAGE STEEL & WIRE CO., 30 Church, New York. *See adv index at end of book*

16981b—*Wire (Signal, "Copperweld" Copper Clad Steel)

PAGE STEEL & WIRE CO. ("Copperweld"), 30 Church, New York
See adv index at end of book

16981c—*Wire (Silicon Bronze)

ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J.; Works: Trenton & Robling, N. J.
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16982—Wire (Spark Point)

Driver-Harris Co., Harrison, N. J.
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Wire Specialties

See Wire Goods, Bright

16983— Wire (Spindle)

ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J.; Works: Trenton & Roebling, N. J.
See adv index at end of book

16984— Wire (Spoke)

AMERICAN STEEL & WIRE CO. 208 S La Salle, Chicago, Ill.
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Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Prentiss G. W. & Co., Holyoke, Mass.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Spencer Wire Co., Worcester, Mass.
Washburn Wire Co., Phillipsdale, R. I.

16985— Wire (Spooled)

AMERICAN BRASS CO. (Brass, Copper & German Silver), Waterbury, Conn.
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See adv index at end of book
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Eastwood Wire Mfg. Co. (Brasss & Copper), Belleville, N. J.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
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Malin & Co., Cleveland, O.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Prentiss G. W. & Co., Holyoke, Mass.
Randolph-Clowes Co. (Brasss), Waterbury, Conn.
Riverside Metal Co. (Phosphor Bronze), Riverside, N. J.
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Rome Brass & Copper Co. (Brass & Copper), Rome, N. Y.
Scovil Mfg. Co. (Brass, etc.), Waterbury, Conn. *See adv index at end of book*
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Spencer Wire Co., Worcester, Mass.
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Turner & Stanton Co., Norwich, Conn.
Wire Goods Co., Worcester, Mass.
WRIGHT WIRE CO. (Steel, Copper, Brass or German Silver), Worcester, Mass. *See adv index at end of book*

16986—*Wire (Spring, Brass)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Scovil Mfg. Co., Waterbury, Conn.
See adv index at end of book

16987— Wire (Square)

AMERICAN STEEL & WIRE CO. 208 S La Salle, Chicago, Ill.
See adv index at end of book
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Riverside Metal Co. (Phospher Bronze), Riverside, N. J.
ROEBLING'S JOHN A. SONS CO., Trenton. N. J. *See adv index at end of book*

16988—Wire (Stapling & Stitching)

Acme Steel Goods Co. ("Acme"), 2834 Archer av, Chicago, Ill.
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book

16989— Wire (Steel)

AMERICAN STEEL & WIRE CO. 208 S La Salle, Chicago, Ill.
See adv index at end of book
Athenia Steel Co., 135 William, New York
Atlantic Steel Co. (Open Hearth), Atlanta, Ga.
Atlas Crucible Steel Co., Dunkirk, N. Y.
See adv index at end of book
Cambria Steel Co., Widener bldg, Philadelphia, Pa.
Carpenter Steel Co. (High Grade), Reading, Pa.
Cary Spring Works, 240 W 29th, New York
Cedarburg Wire & Wire Nail Co., Cedarburg, Wis.
Colorado Fuel & Iron Co., Denver, Colo.
Crawfordsville Wire & Nail Co., Crawfordsville, Ind.
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
Cyclone Fence Co., Waukegan, Ill.
Feldman J. Co., Jersey City, N. J.
Globe Wire Co. (Ltd.) (Drawn Steel), Sharpsburg, Pa.
Grand Crossing Tack Co., S Chicago av & E 79th, Chicago, Ill.
Gulf States Steel Co., Birmingham, Ala.
HALCOMB STEEL CO. (Fine Crucible & High Grade), Syracuse, N. Y.
See adv index at end of book
Hamilton's T. Sons, 1340 E Berks, Philadelphia, Pa.
Igoe Bros. (Also Iron), 69 Metropolitan av, Brooklyn, N. Y.
Indiana Steel & Wire Co., Muncie, Ind.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Keystone Steel & Wire Co. (Smooth), Peoria, Ill.
Kidd Drawn Steel Co. (Coiled Crucible Polished), Aliquippa, Pa.
Kokomo Steel & Wire Co., Kokomo, Ind.
Latshaw Steel & Metal Products Corp., 220 B'way, New York
See adv index at end of book
Ludlum Steel Co. (Chrome), Watervliet, N. Y.
Merchant & Evans Co., 2035 Washington av, Philedalphia, Pa.
See adv index at end of book
MICHIGAN WIRE CLOTH CO., 500 Howard, Detroit, Mich.
See adv index at end of book
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Newman C. Wire Co., 25 Church, New York
Norton Iron Works, Ashland, Ky.
Page Steel & Wire Co. (Cold Drawn), 30 Church, New York
See adv index at end of book
Pittsburgh Steel Co. (Bessemer & Open Hearth), 5th av & Grant, Pittsburgh, Pa.
Pittsburgh Tool Steel Wire Co., Monaca, Pa.
Prentiss G. W. & Co., Holyoke, Mass.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works. Trenton & Roebling, N. J.
See adv index at end of book
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill. *See adv index at end of book*
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book

WIRE for Mattresses, Brooms, Ropes, Cables, Clips, Staples and Cloth.—Special Quality for Special Purposes—Fine Sizes—Send Inquiries.

SENECA WIRE & MFG. CO., Fostoria, Ohio

Spencer Wire Co., Worcester, Mass.
Townsend Co., New Brighton, Pa.
Washburn Wire Co., Phillipsdale, R. I.
Wickwire Bros., Cortland, N. Y.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.
WRIGHT WIRE CO., Worcester, Mass.
See adv index at end of book
Youngstown Sheet & Tube Co. (Smooth Steel), Youngstown, O.

16990— Wire (Steel Ball)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Atlas Crucible Steel Co., Dunkirk, N. Y.
See adv index at end of book
Washburn Wire Co., Phillipsdale, R. I.

16991—Wire (Steel, Band & Hack Saw)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Newman C. Wire Co., 25 Church, New York
Washburn Wire Co., Phillipsdale, R. I.

Wire (Steel Brush)

See Wire, Broom & Brush

16991a—*Wire (Steel, Copper Clad "Copperweld")

PAGE STEEL & WIRE CO., 30 Church, New York
See adv index at end of book

16992—Wire (Steel Needle)

AMERICAN STEEL & WIRE CO., Commercial Nat'l Bank bldg, Chicago, Ill.
See adv index at end of book
Atlas Crucible Steel Co., Dunkirk, N. Y.
See adv index at end of book
Boker H. & Co., 101 Duane, New York
Crucible Steel Company of America (Cold Drawn), Oliver bldg, Pittsburgh, Pa.
Halcomb Steel Co., Syracuse, N. Y.
See adv index at end of book
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Pittsburgh Tool Steel Wire Co., Monaco, Pa.
Webb Wire Works, New Brunswick, N. J.
WETHERELL BROS. CO., 31 Oliver, Boston, Mass. *See adv index at end of book*
Wheelock, Lovejoy & Co. ("Globe" Crucible Cast Coil Steel, Sales Agents), 23 Cliff, New York

16993—Wire (Steel Spring)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Athenia Steel Co., 135 William, New York
Boker H. & Co., 101 Duane, New York
Cary Spring Works, 240 W 29th, New York
Cleveland Wire Spring Co. (Oil Tempered), Cleveland, O.
Crawfordsville Wire & Nail Co., Crawfordsville, Ind.
Gulf States Steel Co., Birmingham, Ala.
Hammacher, Schlemmer & Co., 133 4th av, New York
Hartley Geo. (Cast Steel Watch & Clock Hair Spring Wire), Waterbury, Conn.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Newman C. Wire Co., 25 Church, New York
Page Steel & Wire Co., 30 Church, New York. *See adv index at end of book*
Prentiss G. W. & Co., Holyoke, Mass.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Spencer Wire Co., Worcester, Mass.
Washburn Wire Co. (Clock & Motor, etc), Phillipsdale, R. I.
Waterbury Co., 63 Park row, New York
Webl Wire Works, New Brunswick, N. J.
WRIGHT WIRE CO., Worcester, Mass.
See adv index at end of book
Youngstown Sheet & Tube Co., Youngstown, O.

16994—Wire (Steel, Telephone & Telegraph)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Joslyn Mfg. & Supply Co., Chamber of Comm. bldg, Chicago, Ill.
ROEBLING'S JOHN A. SONS CO., Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book

16995— Wire (Stone)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
ROEBLING'S JOHN A. SONS CO., Trenton, N. J. *See adv index at end of book*
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.
WRIGHT WIRE CO., Worcester, Mass.
See adv index at end of book

16996— Wire (Stove Pipe)

Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Tate E. H. Mop & Cordage Co. ("Best Quality"), 15 Chardon, Boston, Mass.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.
WRIGHT WIRE CO. ("Excelsior" Brand), Worcester, Mass.
See adv index at end of book

16997— Wire (Strand)

American Electrical Works (Copper & Galvanized Steel), Phillipsdale, R. I.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Broderick & Bascom Rope Co., Main & Douglas, St. Louis, Mo.
Detroit Insulated Wire Co., Detroit, Mich.
Hazard Mfg. Co. (Galvanized Steel), Wilkes-Barre, Pa.
Indiana Steel & Wire Co. (Single & Double Galvanized Standard or Commercial Grade—Siemens & Mortin, High Strength Extra High Strength), Muncie, Ind.
Joslyn Mfg. & Supply Co., Chamber of Comm. bldg, Chicago, Ill.
Keystone Steel & Wire Co., Peoria, Ill.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
Macomber & White Rope Co., Racine av, Kenosha, Wis.
Monarch Electric & Wire Co. (Galvanized Up to One-Half Inch), 622 W Adams, Chicago, Ill.
MOON GEO. C. CO. (Galvanized & Stone Sawing "Crescent"), Garwood, N. J.
See adv index at end of book
Riverside Metal Co. (Phosphor Bronze), Riverside, N. J.
ROEBLING'S JOHN A. SONS CO. Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Upson-Walton Co., 1294 W 11th, Cleveland, O. *See adv index at end of book*
WRIGHT WIRE CO., Worcester, Mass.
See adv index at end of book

16997a—*Wire (Strand, "Copperweld" Copper Clad Steel)

PAGE STEEL & WIRE CO. ("Copperweld"), 30 Church, New York
See adv index at end of book

Wire (Submarine)

See Cables, Submarine

16998— Wire (Tack)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Seneca Wire & Mfg. Co., Fostoria, Ohio
See adv index at end of book
Spencer Wire Co., Worcester, Mass.
Wickwire Steel Co., Buffalo, N. Y.
Youngstown Sheet & Tube Co., Youngstown, O.

16999— Wire (Tag)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Morgan Spring Co. (Cut or Bunched), Worcester, Mass.
See adv index at end of book
ROEBLING'S JOHN A. SONS CO., Trenton, N. J. *See adv index at end of book*
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Spencer Wire Co., Worcester, Mass.
Wilson Steel Products Co. (Deadlock), 49th & S Western av, Chicago, Ill.
WRIGHT WIRE CO. (Cut or Bunched), Worcester, Mass.
See adv index at end of book

17000—Wire (Telephone & Telegraph)

A. A. Wire Co., Newark, N. J.
Acorn Ins. Wire Co., 77 Richards, Brooklyn, N. Y.
AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
American Electrical Works, Phillipsdale, R. I.
Am. Ins. Wire & Cable Co., 954 W 21st, Chicago, Ill.
AMERICAN STEEL & WIRE CO. ("W. & M." Steel, Iron or Copper), 208 S La Salle, Chicago, Ill.
See adv index at end of book
Atlantic Insulated Wire & Cable Co., Stamford, Conn.
Bay State Insulated Wire & Cable Co., Hyde Park, Mass.
Belden Mfg. Co., 2316 S Western av, Chicago, Ill.
Collyer Insulated Wire Co. ("IXL"), Pawtucket, R. I.
Crawfordsville Wire & Nail Co., Crawfordsville, Ind.
Detroit Copper & Brass Rolling Mills (Copper), Detroit, Mich.
Detroit Insulated Wire Co., Detroit, Mich.
Gottschalk John W. Mfg. Co., 2726 Mascher, Phila., Pa.
Gulf States Steel Co. (Galvanized Iron & Steel), Birmingham, Ala.
Indiana Rubber & Insulated Wire Co. ("Paranite"), P. O. Box 192, Jonesboro, Ind.
Indiana Steel & Wire Co. (E. B. B.; B. B. & Steel Grades), Muncie, Ind.
Kellogg Switchboard & Supply Co., 1066 W Adams, Chicago, Ill.
Kerite Insulated Wire & Cable Co. (Kerite), 30 Church, New York
Keystone Steel & Wire Co. ("Keystone"), Peoria, Ill.
Koelle, Frederick C., 2818 Oxford, Phila., Pa.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Lowell Insulated Wire Co. (Telephone), Lowell, Mass.
McEvoy C. H., Lowell, Mass.
Monarch Electric & Wire Co., 622 W Adams, Chicago, Ill.
Moore Alfred E., 200 N 3d, Phila., Pa.
National Conduit & Cable Co., 41 Park Row, New York
New York Insulated Wire Co. (Telephone), 84 State, Boston, Mass.
North American Copper Co. (Copper), 52 Vanderbilt av, New York
PAGE STEEL & WIRE CO. ("Copperweld" Copper Clad Steel), 30 Church, New York
See adv index at end of book
Phillips Wire Co., Pawtucket, R. I.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
ROME WIRE CO. ("Rome Wire" Copper), Rome, N. Y.
See adv index at end of book
Runzel-Lenz Mfg. Co., 1751 N Western av, Chicago, Ill.
Simplex Wire & Cable Co. ("Simcore"), 201 Devonshire, Boston, Mass.
Standard Underground Cable Co., Pittsburgh, Pa.
Waclark Wire Co. (Copper Only), 20 Exchange pl, New York
Washburn Wire Co (Galvanized Iron & Steel), Phillipsdale, R. I.
Western Electric Co., 463 West, New York

17000a—*Wire (Telephone & Telegraph, "Copperweld" Copper Clad Steel)

PAGE STEEL & WIRE CO. ("Copperweld"), 30 Church, New York
See adv index at end of book

17000b—*Wire (Tie, "Copperweld" Copper Clad Steel)

PAGE STEEL & WIRE CO. ("Copperweld"), 30 Church, New York
See adv index at end of book

17001— Wire (Tinned)

American Electrical Works (Copper), Phillipsdale, R. I.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Igoe Bros., 69 Metropolitan av, Brooklyn, N. Y.
Larkin J. K. & Co., 34 Reade, New York
See adv index at end of book
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Newman C. Wire Co., 25 Church, New York
Phillips Wire Co., Pawtucket, R. I.
Prentiss G. W. & Co., Holyoke, Mass.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Rome Wire Co. ("Rome Wire" Tinned Copper), Rome, N. Y.
See adv index at end of book
Seneca Wire & Mfg. Co. (Mattress & Broom), Fostoria, O.
See adv index at end of book
Spargo Wire Co. (Tinned Brass & Copper), Rome, N. Y.
Spencer Wire Co., Worcester, Mass.
Waclark Wire Co. (Copper Wire & Cable), 20 Exchange pl, New York
Washburn Wire Co., Phillipsdale, R. I.
Wickwire Bros., Cortland, N. Y.
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.
WRIGHT WIRE CO., Worcester, Mass.
See adv index at end of book

17001a— Wire (Tire)

American Steel Co., Park bldg, Pittsburgh, Pa.
American Steel & Wire Co., 208 S La Salle, Chicago, Ill.
See adv index at end of book
ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book

17001b— *Wire Tree Guards

WRIGHT WIRE CO. ("Excelsior Rust Proof"), Worcester, Mass.
See adv index at end of book

17002— Wire Trellises

Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.
Estey Wire Works Co., 34 Cliff, New York
See adv index at end of book
Howard & Morse, 46 Fulton, New York
Page Steel & Wire Co., Adrian, Mich.
See adv index at end of book
Smith John P. & Co., New Haven, Conn.
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
WRIGHT WIRE CO. ("Excelsior Rust Proof"), Worcester, Mass.
See adv index at end of book

17003— Wire (Trolley)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
American Electrical Works, Phillipsdale, R. I.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Bridgeport Brass Co. ("Phono-Electric"), Bridgeport, Conn.
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
National Conduit & Cable Co., 41 Park row, New York
Phillips Wire Co., Pawtucket, R. I.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
ROME WIRE CO. ("Rome Wire"), Rome, N. Y.
See adv index at end of book
Standard Underground Cable Co., Pittsburgh, Pa.
Tate E. H. Mop & Cordage Co. ("Best Quality" Brass & Copper), 15 Chardon, Boston, Mass.
Waclark Wire Co., 20 Exchange pl, New York

17003a—*Wire (Trolley, "Copperweld" Copper Clad Steel)

PAGE STEEL & WIRE CO. ("Copperweld"), 30 Church, New York
See adv index at end of book

17004— Wire (Tungsten)

Pfanstiehl Co. N Chicago, Ill.

17005— Wire (Twisted)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Kokomo Steel & Wire Co., Kokomo, Ind.
Pittsburgh Steel Co. (Galvanized Twisted Cable Fence Wire), 5th av & Grant, Pittsburgh, Pa.
ROEBLING'S JOHN A. SONS CO., Trenton, N. J. *See adv index at end of book*
Spencer Wire Co., Worcester, Mass.
Standard Underground Cable Co. (Copper Only), Pittsburgh, Pa.
Upson-Walton Co., 1294 W 11th, Cleveland, O. *See adv index at end of book*

17006— Wire (Umbrella)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Newman C. Wire Co., 25 Church, New York
ROEBLING'S JOHN A. SONS CO., Trenton, N. J.
See adv index at end of book
Washburn Wire Co., Phillipsdale, R. I.

17007— Wire (Vanadium)

Halcomb Steel Co., Syracuse, N. Y.
See adv index at end of book
MORGAN SPRING CO., Worcester, Mass.
See adv index at end of book
Washburn Wire Co., Phillipsdale, R. I.

17008— Wire (Waterproof)

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh,, Pa.
See adv index at end of book

17009— Wire (Weatherproof)

AMERICAN BRASS CO. ("K. K."), Waterbury, Conn.
For branch offices see adv index at end of book
American Electrical Works ("Star"), Phillipsdale, R. I.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Ansonia Electrical Co. (Line Wires & Cables), Ansonia, Conn.
Bay State Insulated Wire & Cable Co., Hyde Park, Mass.
Belden Mfg. Co., 2316 S Western av, Chicago, Ill.
Bridgeport Brass Co., Bridgeport, Conn.
Chicago Insulated Wire & Mfg. Co., Sycamore, Ill.
Collyer Insulated Wire Co. ("IXL"; also Slow Burning), Pawtucket, R. I.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hazard Mfg. Co. (Insulated), Wilkes-Barre, Pa. & 50 Dey, New York
Kerite Insulated Wire & Cable Co., (Kerite Special), 30 Church, New York
Monarch Electric & Wire Co. ("Monarch," Copper & Iron), 622 W Adams, Chicago, Ill.
Moore Alfred F. (Also Slow Burning), 200 N 3d, Phila., Pa.
National Conduit & Cable Co. (Wire & Cables), 41 Park Row, New York
National India Rubber Co., Bristol, R. I.
OKONITE CO., 501 Fifth av, New York
See adv index at end of book
PEERLESS INSULATED WIRE & CABLE CO. ("Peerless Perfect Protection" Fibreclad), 90 West, New York
Phillips Wire Co. ("O K" & Slow Burning), Pawtucket, R. I.
ROEBLING'S JOHN A. SONS CO., Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
Rome Wire Co., Rome, N. Y.
See adv index at end of book
Simplex Wire & Cable Co. ("Simcore"), Boston, Mass.
Standard Underground Cable Co., Pittsburgh, Pa.
Waclark Wire Co. (Copper Wire & Cables), 20 Exchange pl, New York

17009a—*Wire (Weatherproof, "Copperweld" Copper Clad Steel)

PAGE STEEL & WIRE CO. ("Copperweld"), 30 Church, New York
See adv index at end of book

17010— Wire (Weaving)

(Firms who Mfr. Wire for Weaving)
AMERICAN BRASS CO. (Brass & Fourdrinier), Waterbury, Conn.
For branch offices see adv index at end of book
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Gulf States Steel Co., Birmingham, Ala.
Kokomo Steel & Wire Co., Kokomo, Ind.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.
Youngstown Sheet & Tube Co., Youngstown, O.

17011— Wire (Welding)

ALLOY STEEL PRODUCTS CORP., 30 Church, New York
See adv index at end of book
Bierman-Everett Foundry Co., Irvington, N. J.
Boston Casting Co., 156 Pearl, Boston, Mass.
CENTRAL STEEL & WIRE CO. (For Gas & Electric Apparatus), 127 N Peoria, Chicago, Ill.
FEDERAL TOOL & ALLOYED STEEL CORP., 12 Platt, New York
KNAPP ARTHUR ENGINEERING CORP., 30 Church, New York
See adv index at end of book
Page Steel & Wire Co., 30 Church, New York *See adv index at end of book*
Perkins Steel Co. ("Perco"), 143 Liberty, New York
Potts Horace T. & Co. (Swedish Charcoal), 316 N 3d, Phila., Pa.
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
SWEDISH IRON & STEEL CORP. ("Sisco"), 12 Platt, New York
See adv index at end of book
Townsend Co., New Brighton, Pa.

17012-3—Wire (White Metal)

Riverside Metal Co., Riverside, N. J.
Seymour Mfg. Co. (Special White), Seymour, Conn.

Wire Winding Machinery

See Machinery, Wire Winding

17014—*Wire Work for Banks, Offices, Etc.

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.
Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
ESTEY WIRE WORKS CO., 34 Cliff, New York *See adv index at end of book*

Perkins Mfg. Co. (Store, etc), University & Fairview avs, St. Paul, Minn.
See adv index at end of book
PITT WM. R. COMPOSITE IRON WKS, 221 W 26th, New York
See adv index at end of book
Smith F. P. Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
See adv index at end of book
Standard-Tyler Co., 2436-62 W 15th, Chicago, Ill.
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
Wisconsin Iron & Wire Works (Woven), Milwaukee, Wis.

17015— *Wire & Cable (Lead Covered)

GENERAL ELECTRIC CO. ("Red Core"), Schenectady, N. Y.
See adv index at end of book

17015a— *Wireless Amplifiers

MICROPHO DETECTOR CO., INC. ("Microphо"), 26 Cortlandt, New York

17015b— *Wires (Bond)

PAGE STEEL & WIRE CO., 30 Church, New York
See adv index at end of book

17016—Wires (Brick Cutting)

Webb Wire Works, New Brunswick, N. J.
Willison J. M., East Liverpool, O.

17017— Wires (Corset)

Bassett Robert N. Co., 220 5th av, New York

17018— Wires (Drop)

Paragon Electric Co. ("Ironite" Insulated), 9 S Clinton, Chicago, Ill.
Standard Underground Cable Co., Pittsburgh, Pa.

17019— Wires (Millinery)

Boston Bonnet Wire Co., 38 India, Boston, Mass.
Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book

17020— Wires (Pointed)

Reed & Prince Mfg. Co., Worcester, Mass.

17021— Wires (Threaded)

Atlas Bolt & Screw Co., 1000 Ivanhoe rd, Cleveland, O
Blake & Johnston Co., 1500 Thomaston av, Waterbury. Conn.
See adv index at end of book
Hartley Screw Products Co., 65 N. J. R. R. av, Newark, N. J.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Ohio Nut & Bolt Co., Berea, O.
Progressive Mfg. Co., Torrington, Conn.
Reed & Prince Mfg. Co., Worcester, Mass.

17021a—*Wires (Tie, "Copperweld" Copper Clad Steel)

PAGE STEEL & WIRE CO., 30 Church, New York
See adv index at end of book

17022— Witherite Importers

Foote Mineral Co., 107 N 19th, Phila., Pa.

17023-4— Withes (Mast)

Wilcox, Crittenden & Co., Middletown, Conn.

17025— Wood (Bent)

Ames Bending Co., Celina, O.
Carrier Lumber & Mfg. Co., Sardis, Miss.
Buckeye Handle, Gear & Bending Co., Alliance, O.
Dann Bros. & Co. (Vehicle Bent Work, etc), New Haven, Conn.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Gerdes & Co., 42 Church, New York
Gillette C. H. (Wagon Bows, Shafts, Poles, etc), Indianapolis, Ind.
Gillette W. H. Mfg. Co., Louisville, Ky.
Jonesboro Bending Co., Jonesboro, Ark.
Kohler F. F., South Zanesville, O.
Shepard H. G. & Sons, New Haven, Conn.
Stephenson Mfg. Co., South Bend, Ind.
Von Behren Mfg. Co., Evansville, Ind.
Wayne Spoke & Bending Co., Ft. Wayne, Ind.

17026— Wood (Briar)

Vassas Freres (French, Imp), 28 Front, New York

Wood Carpets

See Floors, Parquet

Wood Columns

See Columns, Porch & Interior, Wood

17027—Wood Distillation Plants

Lummus Walter E. Co., 173 Milk, Boston, Mass.
Vulcan Copper Works, Cincinnati, O.

Wood Finishes

See Hard Oil Finish

Wood Flooring-Interlocking

See Flooring, Wood Block

Wood Floors (Mosaic)

See Floors, Parquet

17028— Wood Flour

Fuerst Bros. & Co., 2 Stone, New York
HERCULES POWDER CO., Wilmington, Del. *See adv index at end of book*
Hoornbeek's John C. Sons (For Explosives), Napanoch, N. Y.
Innis, Speiden & Co. Inc., 46 Cliff, New York *See adv index at end of book*

17028a—Wood Impregnating Plants

WORTHINGTON PUMP & MACHINERY CORP., 115 B'way, New York
See adv index at end of book

17028b— *Wood (Kindling)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

17029—Wood (Lignumvitae)

Boston & Lockport Block Co., 100 Condor, East Boston, Mass.
McMillan's W. H. Sons (Rough, Turned & Sawed), 153 South, New York

Wood Modelers (Architectural)

See Carvers, Wood, Classic; also Modelers & Sculptors, Architectural

17030—Wood Novelties (Turned, Etc.)

See also Woodware & Novelties

Aluminum Ware Mfg. Co., Inc., Elmira, N. Y.
American Enamel Co., Providence, R. I.
American Stamping & Mfg. Co., Park bldg, Pittsburgh, Pa.
American Wood Working Co., 19 Warren New York.
Atlanta Wood & Iron Novelty Co., Atlanta, Ga.
Atwood Crawford Co., Pawtucket, R. I.
Bogert & Hopper, 67 Barclay, New York
Braman Mfg. Co., Carthage, N. Y.
Canfield Mfg. & Novelty Co., Canfield, O.
Carrom Co., Ludington, Mich.
Cullen & Vaughn Co., 450 Dayton, Hamilton, O.
Elmwood Button Co., Bridgeport, Conn.
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Frary Mfg. Co., Charlemont, Mass.
Gem Mfg. Co. (Wood Turning & Enameling Div.), New Durham, N. H.
Gilbert A. & Sons (Newspaper Files, etc.), Derby, Conn.
Hellenberg J. B. Co. (Ten Pins, Mauls & Mallets, Indian Clubs, Dumb Bells, Exercising Horizontal Bars & Trapeze Bars, etc), Coldwater, Mich.
Hill Bros. & Co., Williamsburg, Mass.
Markham Mfg. Co., Plymouth, Mich.
Martin Leason, Richmond, N. H.
Mossman Jerome Estate, Fitchburg, Mass.
Novelty Turning Co. (& Enamels, Potato Mashers, Rolling Pins, Chopping Bowls, Toys,, Furniture, Druggists' Boxes, etc), Norway, Me.
Peirce W. E. & Co., Milford, N. H.
Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book
Peters', Jno. M. Sons (Handles, Towel Racks, Rings, Curtain Fixtures, etc.), Bleecker, N. Y.
Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.
Richardi & Bechtold (Kitchen, Dairy, Bakery & Confectioners' Utensils), Bellaire, Mich.
Russell Bros. & Estes Co., Farmington, Me.
Schultz Bros. Inc., 152 Chambers, New York
Sommer John Faucet Co. (Faucets, Mallets, Rolling Pins, Reels, Mashers, Air Vents, etc), 355 Central av, Newark, N. J.
South Bend Dowel Works, South Bend, Ind.
Standard Turning Works, Cambridge, Mass.
Stowell N. S. & Co. (Spools, Tool & Small Handles, Boxes, etc), Dixfield, Me.
Stratton Mfg. Co., Stratton, Me.
Strock L. W. & Co., Bethlehem, Pa.
Tuttle E. N. & Co., Beverly, Mass.
Wausau Novelty Co., Wausau, Wis.
Western Box Co. (Druggists' Boxes, Lock Corner Boxes, etc), 326 River, Chicago, Ill.
Weston Paper & Mfg. Co. (Wood Pie Plates & Dishes), Dayton, O.
Woodstock Mfg. Co. (Heavy Hardwood for Shipbuilding & Locomotive Building, Textile Mills, etc), Charleston, S. C.

17031—Wood Preservatives

See also Creosoting Works

American Mfg. Co. ("Creoseptine"), 114 Plymouth av, N, Minneapolis, Minn.
American Wood Preserving Co. ("Antiseptine" for Structural Timber, etc), 1351 N Branch, Chicago, Ill.
Anthrol Wood Preserving Co. ("Barol" Coppered Carbolineum), 12 E 15th, New York
Barrett Co. (Creosote), 17 Battery pl, New York
Bayway Chemical Co. (Creosote), Elizabeth, N. J.
Brown Co. (Kyanizing), Portland, Me.
C-A-Wood Preserver Co. ("C-A-W"), Wright bldg, St. Louis, Mo.
Cabot Sam'l (Inc.) ("Conservo"), 141 Milk, Boston, Mass.
CARBOLINEUM WOOD PRESERVING CO. OF N. Y. ("Avenarius Carbolineum," "Carbolineum," "Neosote" "Protexol," "Toron"), 41 Greene, New York
Chipman Chemical Engineering Co., Inc. ("Atlas U. P. & D."), 95 Liberty, New York
Dielectric Mfg. Co. ("Prenoleum"), 224 S Vandeventer av, St. Louis, Mo.
du Pont Chemical Works (Also Metal "Carpolene" Stain), 120 Broadway, New York
Duryea Mfg. Co. ("Dureo"), Bayonne, N. J.
Eppinger & Russell Co., 165 B'way, New York
General Bakelite Co., 2 Rector, New York
Georgia Pine Turpentine Co. of N. Y., 158 Perry, New York
Indian Refining Co. ("Indian" Timber Asphalt), 244 Madison av, New York
Indianapolis Chemical Co., 1444 Madison av, Indianapolis, Ind.
International Creosoting & Construction Co., Galveston, Tex.
Lincoln Gas & Electric Light Co. (Petrosote), Lincoln, Neb.
Menzel Wm. & Son "(Ligni Salvor" Imp.), 64 Broad, New York
Milwaukee Wood Preserving Co., Milwaukee, Wis.
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.

WOOD PRESERVATIVES—continued
Northeastern Co. (Letteney"), 80 Beverly, Boston, Mass.
Protectus Paint Co., North American bldg, Phila., Pa.
Reeves Co. ("Lone Star"), 805 Howard av, New Orleans, La.
St. Paul White Lead & Oil Co. ("Kre-O.-Sep-Tic"), Water & Starkey, St. Paul, Minn.
Sonneborn L. Sons ("Amalie," "Karbol"), 262 Pearl, New York
Spiritine Chemical Co., Wilmington, N. C.
Suydam M. B. Co., 61st & Butler, Pittsburgh, Pa.
Texas Co., 17 Battery pl, New York
U. S. Wood Preserving Co., 165 B'way, New York
Western Lumber & Pole Co., Spokane, Wash.

Wood Preserving

See Creosoting Works

17032— Wood Pulp Mfrs.

Bulkley, Dunton & Co. (Imp.), 75 Duane, New York
Coos Bay Lumber Co., Oakland, Cal.
DU PONT DE NEMOURS & CO., E. I. (World's largest Manufacturer. For Mfrs. of Explosives, Linoleum, Oil Cloth and Wall Paper), Wilmington, Del.
For branch offices see adv index at end of book
HERCULES POWDER CO., Wilmington, Del. *See adv index at end of book*
Stromberg Oscar (Imp.), 154 Nassau, New York
Union Bag & Paper Corp. (Ground), 233 Broadway, New York

17032a—Wood Sawing Outfits

WORTHINGTON PUMP & MACHINERY CORP. (With Oil Engines), 115 Broadway, New York.
See adv index at end of book

17033—Wood (Spool, Bobbin, Etc.)

Danforth Eugene, Bangor, Me.
Stephenson Mfg. Co., South Bend, Ind.

17034-5— Wood Stains

Acme White Lead & Color Works, Detroit, Mich.
Adams & Elting Co. ("Ad-el-ite"), 726 Washington blvd, Chicago, Ill.
Allentown Mfg. Co., Allentown, Pa.
American Wood Preserving Co. ("Antiseptine" for Interior or Exterior), 1351 N Branch, Chicago, Ill.
Armstrong Paint & Varnish Works ("Verosene Finish"), 2502 S Paulina, Chicago, Ill.
Ashley T. C. & Co., Atlantic av, Boston, Mass.
Behlen H. & Bro., 371 Pearl, New York
Berry Bros.,, Detroit, Mich.
Billngs-Chapin Co., Cleveland, O.
Bowers U. R. & Sons ("Afro-Lac"), Los Angeles, Cal.
Boydell Bros. White Lead & Color Co., Detroit, Mich.
Bridgeport Wood Finishing Works (Du Pont) (Oil, Acid, Water & Penetrating), Philadelphia, Pa.
Burdsal A. Co., Indianapolis, Ind.
Cabot Samuel (Inc.), 141 Milk, Boston, Mass.
Carpenter-Morton Co. ("Campbell"), 77 Sudbury, Boston, Mass.
Chicago Varnish Co., 2100 Elston av, Chicago, Ill.
Chicago White Lead & Oil Co. ("King's"), 1454 S Western av, Chicago, Ill.
Connors Wm. Paint Mfg. Co., Troy, N. Y.
Crest Chemical Co., Seattle, Wash.
Day James B. & Co., 214 W Ohio, Chicago, Ill.
Devoe & Raynolds Co. Inc. ("Devoe" Powder Stains), 101 Fulton, New York
Dexter Bros. Co., 105 Broad, Boston, Mass.
Eagle Paint & Varnish Co. (Also Oil & Varnish Stains), N S, Pittsburgh, Pa.
Felton, Sibley & Co., 136 N 4th, Phila., Pa.
Ford Mfg. Co. (Creosote), 2339 La Salle, Chicago, Ill.
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
Franche C. E. & Co., 440 Orleans, Chicago, Ill.
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
Gerstendorfer Bros. ("Sapolin"), 221 E 42d, New York
Glidden Varnish Co. ("Glidden Endurance"), 1755 W Madison, Cleveland, O.
Harrison Works (Du Pont), 35th & Grays Ferry rd, Philadelphia, Pa.
Johnson S. C. & Son ("Johnson's" Dye), Racine, Wis.
King Paint Mfg. Co., 449 Kent av, Brooklyn, N. Y.
Kroeger Bros., 880 McKim, Baltimore, Md.
Lawrence McFadden Co., 1400 Frankfort, Phila., Pa.
Lucas John & Co., 322 Race, Phila., Pa.
McQuade John & Co., 134 Classon av, Brooklyn, N. Y.
Marietta Paint & Color Co. ("Spartan"), Marietta, O.
Masury John W. & Son ("Nomar"), 50 Jay, Brooklyn, N. Y.
Moser Chas. Co. ("Lig-Lac"), Cincinnati, O
Murphy Varnish Co. (Penetrating Oil), McWhorter, Newark, N. J.
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
Nice Eugene E., 272 S 2d, Phila., Pa.
See adv index at end of book
O'Brien Varnish Co., South Bend, Ind.
Patterson - Sargent Co. ("Monastery" Stains), Cleveland, O.
Pratt & Lambert, 185 Madison av, New York
Richmond Bros., 616 Main, Cincinnati, O.
Standard Varnish Works, 90 West, New York
St. Paul White Lead & Oil Co., Water & Starkey, St. Paul, Minn.
Schmidt Walter K. Co., Grand Rapids, Mich.
Sherwin-Williams Co., Cleveland, O.
Standard Varnish Works ("Kleartone"), 2589 Richmond ter., Elm Park, N. Y.
Thurston F. W. Co., 1832 S Clark, Chicago, Ill.
Wadsworth-Howland Co., 225 N Carpenter, Chicago, Ill.
Wadsworth-Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.
Waterall Wm. & Co., Camden, N. J.
Whitehead Paint Co. 702 W 48th, New York
Wilhelm A. Co., Reading, Pa.
Woolsey C. A. Paint & Color Co., 500 Grand, Jersey City, N. J.
Yarnall Paint Co. ("Y. B.," "Standard"), 1026 Race, Philadelphia, Pa.

Wood Turned Goods, Etc.

See Wood Novelties. Turned, Etc.

Wood Turned House sTrimming

See Columns, Porch, etc., Manufacturers; also Corner, Base & Head Block Manufacturers; also Grille, Fret & Lattice Work; also Mouldings, Various Kinds; also Ornaments, Wood; also Stair Builders' Supplies

17036—Wood Turning (Architectural)

American Wood Working Co., 4345 Wabansia av, Chicago, Ill.
American Wood Working Co., 19 Warren, New York
Angne Co., Cincinnati, O.
Batavia & New York Woodworking Co., Batavia, N. Y.
Blair H. Crawford, 40 Clifford, Providence, R. I.
Boynton & Co., 1725 Dickson, Chicago, Ill.
Buffalo Grille Co., 270 Court, Buffalo, N. Y.
Central Wood Turning Co., 610 N E Main, Minneapolis, Minn.
Clark G. A. Co. (House Turnings, etc), Sidney, N. Y.
Cullen & Vaughn Co., 450 Dayton, Hamilton, O.
Dickey A. & Co., 37 Bristol, Boston, Mass.
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Foster-Munger Co. (For the Trade Only), 1404 W 37th, Chicago, Ill.
Gass John H., 601 Sackett, Brooklyn, N. Y.
Hillerich J. F. & Sons Co., Louisville, Ky.
Lovejoy Planing Mill Co., 823 E 17th, Kansas City, Mo.
Mitchell Robt. Furniture Co., 616 Race, Cincinnati, O.
New York Wood Working Corp., 502 E 19th, New York
Peirce W. E. & Co., Milford, N. H.
Pinches Jno. & Sons, New Britain, Conn.
Root C. R., Hartford, Conn.
Ohio Scroll & Lumber Co. (Inc.), Covington, Ky.
Sanders Bros. Mfg. Co., Ottawa, Ill.
Schaefer Louis, 1444 W 21st, Chicago, Ill.
STEARNS A. T. LUMBER CO., 100 Taylor, Neponset, Boston, Mass.
See adv index at end of book
Stephenson Mfg. Co., South Bend, Ind.

17037—Wood Turning & Enameling

American Enamel Co., Providence, R. I.
Baker McMillen Co., Akron, O.
Bogert & Hopper, 67 Barclay, New York
Brown Enamel Works, Fitchburg, Mass.
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See adv index at end of book

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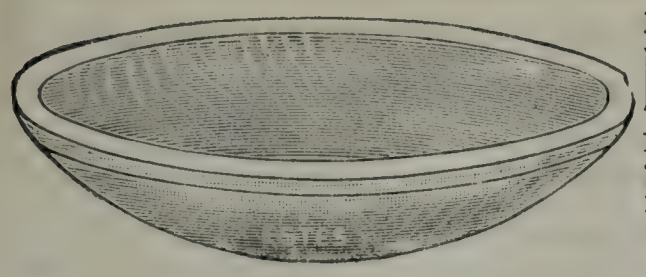
Mossman Jerome Estate, Fitchburg, Mass.
Novelty Turning Co., Norway, Me.
PETERSON F. W. CO., 68 Thomas, New York *See adv index at end of book*
Providence Enamel Co., 456 Fountain, Providence, R. I.
Schutz Bros., 152 Chambers, New York
Stratton Mfg. Co., Stratton, Me.
Sun Enamel Works (Also Japanning), Leominster, Mass.

17038—Wood Turnings (Automatic)

American Enamel Co. (Artistic & Novelty, Small Turned Woodwork), Providence, R. I.
Bogert & Hopper, 67 Barclay, New York
Boynton & Co., 1725 Dickson, Chicago, Ill.
ESTES E. B. & SONS (Piano, Back Knife, Enameled, Fancy, Fireworks, Furniture, Artistic Novelty Wood), 364 5th av, New York
See adv index at end of book
Frary Spool Co. (Small), Berlin, N. Y.
Frost Geo. T. & Sons, Paterson, N. J.
Fuller J. J., Westfield, Mass.
Hamacher W. J. (Small), Grand Rapids, Mich.
Kohant John C., 17 Green, Newark, N. J.
Nashua Spool & Bobbin Co. (Lignum Vitae, etc), Grove Hall Station, Boston, Mass.
Peirce W. E. & Co., Milford, N. H.
Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book
Prouty C. & Co., Eldred, Pa.
Rowe Henry Mfg. Co. (Handles, Draw Pulls, Balls, Spindles, etc), Newago, Mich.
Schutz Bros., 152 Chambers, New York
South Bend Dowel Works, South Bend, Ind.
Stephenson Mfg. Co., South Bend, Ind.
Stratton D. A. Co., Atlantic Mine, Mich.
Stratton Mfg. Co., Stratton, Me.
Tebbets E. L. Spool Co. (Variety Turnings), Locke Mills, Me.
Thayer Geo. A., Watson, Mass.
Weber Chas., 234 Ionic, Phila., Pa.

17039—Wood Turnings (Electrical)

See also Woodwork, Electrical
American Enamel Co. (Also Enameled Turnings), Providence, R. I.
American Wood Working Co., 4345 Wabansia av, Chicago, Ill.
Bogert & Hopper, 67 Barclay, New York
Cullen & Vaughn Co., 450 Dayton, Hamilton, O.



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Gem Mfg. Co. (Wood Turning & Enameling Div.), New Durham, N. H.
New York Carved Moulding Co., 3d av & 139th, New York
Novelty Turning Co. (Handles, Knobs, Button & Cord Adjusters, etc), Norway, Me.
Stephenson Mfg. Co., South Bend, Ind.
Stratton Mfg. Co., Stratton, Me.
Thayer Geo. A., Watson, Mass.

Wood Turnings (Rope & Spiral)

See Mouldings, Various Kinds

17040— Wood Wool

Berry O. P. Co., Wolfsboro Falls, N. H.
Detroit Excelsior Works, 2116 Russell, Detroit, Mich.
Du Pree Mfg. Co., Atlanta, Ga.
Morris-Jones-Brown Mfg.Co., Dubuque, Ia.
Oshkosh Excelsior Mfg. Co., Oshkosh, Wis.
Philadelphia Excelsior Co., 716 N 3d, Phila., Pa.
Selle H. W. & Co. (Wood Wool), 1000 Halsey, Chicago, Ill.

17041—Woodenware & Novelties Mfrs.

See also Wood Novelties, Turned, etc.
Aluminum Ware Mfg. Co., Inc., Elmira, N. Y.
Anderson Box & Basket Co. (Boxes & Baskets), Henderson, Ky.
Ault Wooden Ware Co., Cincinnati, O.
Belding-Hall Co. (Stove Boards, etc), Belding, Mich.
Bennett Mfg. Co. ("Kitchen" Ware, Sugar Boxes, etc), Portland, Me.
Bliss Mfg. Co. (Woodenware, Mop Sticks, etc), Bliss, N. Y.
Cassady Fairbank Mfg. Co., 6126 So La Salle, Chicago, Ill.
Chapman-Sargent Co. (For Kitchen, Bakery, etc), Perrysburg, O.
Cullen & Vaughn Co., 450 Dayton, Hamilton, O.
Cummer Mfg. Co. (Woodenware, etc), Cadillac, Mich.
Cupples Samuel Woodenware Co., 7th & & Spruce, St. Louis, Mo.
Eagle Woodenware Mfg. Co., Hamilton, O.
ESTES E. B. & SONS (Kitchen), 364 5th av, New York
See adv index at end of book
Fuller J. J., Westfield, Mass.
Fuller L. A., Marlboro Depot, N. H.
Gem Mfg. Co. (Wood Turning & Enameling Div.), New Durham, N. H.
Geneva Mfg. Co. (Specialties), Geneva, Ill.
Guilford Mfg Co., Guilford, Me.
Handy Things Mfg. Co., Ludington, Mich.
King Mfg. Co., Piqua, O.
Law Ernest & Co (Wooden Tent Poles & Pins), Harrison bldg, Phila., Pa.
Martin Leason (Chair Stock, Pails, etc), Richmond, N. H.
Menasha Woodenware Co., Menasha, Wis.
Merrill Woodenware Co., Merrill, Wis.
Oval Wood Dish Co. (Dishes, etc.), Delta, O.
Richardi & Bechtold, Bellaire, Mich.
Richmond Cedar Works, Fulton, Richmond, Va.
Stratton Mfg. Co., Stratton, Me.
Udell Works (House Furnishing & Kitchen Woodenware), Indianapolis, Ind.
Washington Broom & Woodenware Co., Seattle, Wash.

17041a— *Woods (Fancy)

Estes E. B. & Sons (Harmonica, Parcel Carrier), 364 5th av, New York
See adv index at end of book
National Refrigerator & Fixture Co. (Flat, Set-Up or Sectional), 8th & Park, St. Louis, Mo.

17041b— *Woods (Pailbail)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

Woodwork (Architectural & Interior)

See Interior Hardwood Work; also Sash, Door & Blind Mfrs.

17042—*Woodwork (Electrical)

See also Telephone Cabinet Work; also Wood Turnings Electrical; also Mouldings, Electric Wiring
Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book

17043— Wool Carbonizers

Merrimac Chemical Co., 148 State, Boston, Mass.

17044— Wool Wadding

Bacon Felt Co. ("Bacon"), Winchester, Mass.
Eastern Felt Co. (For Sleeping Bags), Winchester, Mass.
Evans & Co. ("Hygiene"), Lockport, N. Y.

17045—Wools (Scoured & Pulled Grease)

Wilson & Co., 41st & Ashland av Chicago, Ill.

17046—Wrappers (Book, Corrugated Paper)

Thompson & Norris Co., Concord & Prince, Brooklyn, N. Y.

17047— Wrappers (Coin)

Detroit Coin Wrapper Co. ("Detroit," Made of Heavy Pressed Paper), Detroit, Mich.
Eastern Pin Ticket & Tag Co., Perkasie, Pa.
Eisler Anthony & Co., 227 Canal, New York
Lindley Box & Paper Co., Gas City, Ind.
Spies John, Watertown, N. Y.
Spurgin Mfg. Co., 7011 Vincent av, Chicago, Ill.
Standard Printing Co., Pittsburgh, Pa.
Universal Printing Co., Erie, Pa.
Youmans Corn Wrapper Co., Cincinnati, O.

17048-9—Wrappers (Conduit Joint)

Phila. Electrical & Mfg. Co. ("Phila."), 1236 N 31st, Phila., Pa.

17050—Wrappers (Excelsior)

BOSTON EXCELSIOR CO., 26 Canal, Boston, Mass.
Excelsior Wrapper Co., Sheboygan, Wis.

Wrecking (Building)

See Building Materials, Second-Hand.

17050a— *Wrench Sets

Williams J. H. & Co. (Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

17051—Wrenches (Adjustable)

Anderson Wrench Co. ("Turnmore"), Portland, Conn.
Barcalo Mfg. Co., Buffalo, N. Y.
Barnes Tool Co., New Haven, Conn.
Bayer Steam Soot Blower Co., St. Louis, Mo.
Bemis & Call Hardware & Tool Co. (S. Nut & S. Pipe) Springfield, Mass.

WRENCHES (ADJUSTABLE)—continued

Bergman Tool Mfg. Co. ("Queen City"), Buffalo, N. Y.

Billings & Spencer Co. ("Billings"), Hartford, Conn.

Boston Auto Wrench Co. ("Boston Auto" Automatic Self-Adjusting), 31 State, Boston, Mass.

Bullock Mfg. Associates ("Bullock"), Springfield, Mass.

Corry Wrench Co., Corry, Pa.

Craftsman Tool Co. ("Craft" Self Adjusting), Conneaut, O.

Crescent Tool Co. ("Crescent" Drop Forged), 200 Harrison, Jamestown, N. Y.

Cronk & Carrier Mfg. Co., Elmira, N. Y.

Erie Tool Works, Erie, Pa.

Goodell-Pratt Co. (Aluminum Handles), Greenfield, Mass.

Greene, Tweed Co. ("Baxter"), 109 Duane, New York

GREENFIELD TAP & DIE CORP'N ("G. T. D." Adjustable Tap & Reamer), Greenfield, Mass. *See adv index at end of book*

Herbrand Co., Fremont, O.

Hjorth Wm. & Co., Jamestown, N. Y.

Imperial Tool Co., Bloomington, Ill.

Keystone Mfg. Co. ("Westcott S." & "Keystone" Straight Handle), Buffalo, N. Y.

Kilborn & Bishop Co. ("K. & B." Drop Forged), New Haven, Conn

McKaig Drop Forge Co. (Drop Forge), Buffalo, N. Y.

Marvel Accessories Mfg. Co., 2011 E. 46th, Cleveland, O.

Monte Wrench Co., Shelbyville, Ind.

Mossberg Frank Co. ("Sterling," "Diamond," "Alderman," "National," "A," "F," "K," "X," "Mossberg 74" & "Mossberg 76," "Junior"), Attleboro, Mass.

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Robinson M. W. Co. ("Carll"), 203 37th, Brooklyn, N. Y.

Scholler Mfg. Co., 45 N Division, Buffalo, N. Y.

Smith H. D. & Co. ("S" Drop Forged), Plantsville, Conn.

Star Mfg. Co. ("Elgin"), Carpentersville, Ill.

Superior Tool Co. ("Du Charme"), Cambridge, O.

Vichek Tool Co. ("Vichek"), 10711 Quincy av, Cleveland, O.

Wakefield Clarence E., Worcester, Mass.

Walworth Mfg. Co. ("Hex"), 798 1st, Boston, Mass.

Welch T. F. Co. (Adjustable Tap), 55 Sudbury, Boston, Mass.

WHITMAN & BARNES MFG. CO. (Railroad Special All Steel Monkey), Akron, O. *See adv index at end of book*

Wrenches (Adjustable "S")

See Wrenches, "S"

17052—Wrenches (Agricultural)

Bayer Steam Soot Blower Co., St. Louis, Mo.

Corry Wrench Co., Corry, Pa.

Girard Wrench Mfg. Co. ("Girard" Forged), Girard, Pa.

Lakeside Forge Co. ("Lakeside"), Erie, Pa.

Lamson & Sessions Co. ("Buckeye"), 2088 Scranton rd, Cleveland, O.

PECK, STOW & WILCOX CO., 2172-2232 W 3d, Cleveland, O. *See adv index at end of book*

Union Hardware Co., Torrington, Conn.

Whitely Malleable Castings Co., Muncie, Ind.

Whitman & Barnes Mfg. Co., Akron, O. *See adv index at end of book*

17053—Wrenches (Alligator)

See Also Wrenches, Always Ready

Atwater Mfg. Co. (Drop Forged), Southington, Conn.

BONNEY VISE & TOOL WORKS, Allentown, Pa. *See adv index at end of book*

Forsyth Metal Goods Co., E. Aurora, N. Y.

Harris & Reed ("Sawvian"), 1500 W 15th, Chicago, Ill.

Hawkeye Wrench Co. (Combination), Marshalltown, Ia.

Kraeuter & Co. ("Victor"), 571 18th av, Newark, N. J.

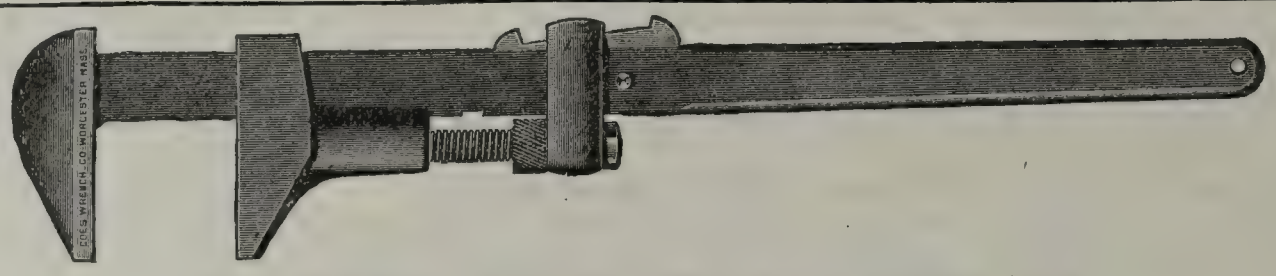
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J. *See adv index at end of book*

S. & I. Co. ("S. & I." Universal), Springfield, Mass.

Vaughan & Bushnell Mfg. Co. ("V. & B." Handy Pattern), 2114 Carroll av, Chicago, Ill.

Whitman & Barnes Mfg. Co. ("Bull-Dog"), Akron, O. *See adv index at end of book*

COES WRENCHES



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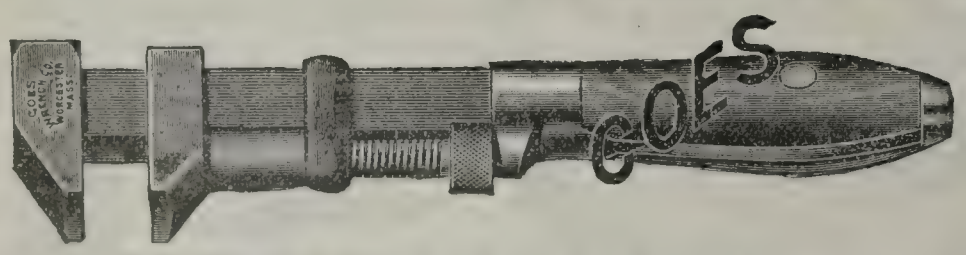

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Roe & Conover, 206 Frelinghuysen av, Newark, N. J.
See adv index at end of book
Williams J. H. & Co. (Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

17054—Wrenches (Always Ready)

Bayer Steam Soot Blower Co., St. Louis, Mo.
Bonney Vise & Tool Works, Allentown, Pa.
See adv index at end of book
Forsyth Metal Goods Co., E. Aurora, N. Y.
Harris & Reed ("Sawvian"), 1500 W 15th, Chicago, Ill.
Hawkeye Wrench Co. ("Superior"), Marshalltown, Ia.
Oswego Tool Co. ("Ever Ready"), Oswego, N. Y.
Vaughan & Bushnell Mfg. Co., 2114 Carroll av,, Chicago, Ill.
Vlchek Tool Co. ("Vlchek"), 10711 Quincy, av, Cleveland, O.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book

17055—Wrenches (Automobile)

Allen Wrench & Tool Co., 754 Eddy, Providence, R. I. *See adv index at end of book*
Armstrong Bros. Tool Co. ("A." Drop Forged), 339 N Francisco av, Chicago, Ill.
Barcalo Mfg. Co., Buffalo, N. Y.
Bayer Steam Soot Blower Co., St. Louis, Mo.
Bemis & Call Hardware & Tool Co. ("Auto"), Springfield, Mass.
Billings & Spencer Co. ("B. & S." Drop Forged), Hartford, Conn.
BOSSERT CORP, THE, Utica, N. Y.
See adv index at end of book
Boston Auto Wrench Co. ("Boston-Auto"), 31 State, Boston, Mass.
Cincinnati Tool Co. (Combination), Norwood, Cincinnati, O.
See adv index at end of book
COES WRENCH CO. ("Star 91"), Coes sq, Worcester, Mass.
See adv index at end of book
Crescent Tool Co., 200 Harrison, Jamestown, N. Y.
Erie Tool Works, Erie, Pa.
Essex Supply Co., 54 Polk, Newark, N. J.
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Goodell-Pratt Co. (Rim), Greenfield, Mass.
Harris & Reed (Stamped Steel), 1500 W 15th, Chicago, Ill.
Hill Pump Valve Co. ("Utility"), Archer av, Canal & 23d, Chicago, Ill.
Hill-Smith Metal Goods Co., 88 Pearl, Boston, Mass.
Improved Gauge Mfg. Co. ("Ford"), 320 West Water, Syracuse, N. Y.
Lakeside Forge Co. ("Lakeside"), Erie, Pa.
McKaig Drop Forge Co., Buffalo, N. Y.
Mechanical Specialties Co., 122 S Michigan av, Chicago, Ill.
Marvel Accessories Mfg. Co., 2011 E 46th Cleveland, O.
Mossberg Frank Co. ("Auto Cle" Adjustable Socket Heavy Type & End Opening Engineers, Ratchet Socket), Attleboro, Mass.
New England Pressed Steel Co., Natick, Mass.
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Oakes Co., The, Indianapolis, Ind.
Oswego Tool Co. ("Stillson" Pattern), Oswego, N. Y.
Pedersen Mfg. Co. ("Ferret"), 636 1st av, New York
Ronson Specialty Co. ("Ronson," Nine in One), 7 Mulberry, Newark, N. J.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book
Thomson Drop Forge Co., Plantsville, Conn.
Trimont Mfg. Co. ("Trimo"), Amory av, Roxbury, Boston, Mass.
Vlchek Tool Co. ("Vlchek" Also in Sets), 10711 Quincy av, Cleveland, O.
Wakefield Clarence E., Worcester, Mass.
Walden-Worcester, Inc. ("Walden-Worcester"), Worcester, Mass.
Whitely Malleable Castings Co., Muncie, Ind.
Whitman & Barnes Mfg. Co. ("W. & B."), Akron, O. *See adv index at end of book*
Williams J. H. & Co. (In Sets, Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

17056— Wrenches (Basin)

B. & B. Mfg. Co., Cleveland, O.
Famous Mfg. Co., Grand Rapids, Mich.
Glauber M. & Co., 103 Varick, New York
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Starbuck R. M. & Sons, Hartford, Conn.
Trimont Mfg. Co. ("Trimo"), Amory av, Roxbury, Boston, Mass.
Williams J. H. & Co. ("Falcon" Waste Plug Spanner), 31 Richards, Brooklyn, N. Y.
See adv index at end of book
Woodward-Wanger Co., 1106 Spring Garden, Phila., Pa.

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7057—Wrenches (Bicycle & Pocket)

Barcalo Mfg. Co., Buffalo, N. Y.
Barnes Tool Co. New Haven, Conn.
Billings & Spencer Co. ("Billings"), Hartford, Conn.
Bonney Vise & Tool Works ("Monkey"), Allentown, Pa.
See adv index at end of book
Girard Wrench Mfg. Co. ("Girard" Forged), Girard, Pa.
Herbrand Co., Fremont, O.
Lowentraut P. Mfg. Co., 36 Brenner Newark, N. J.
Mossberg Frank Co. ("Sterling No. 1," "Mossberg 74" & Junior 1"), Attleboro, Mass.
Niagara Falls Metal Stamping Works ("Niagara Vestpokitrenchiz"), Niagara Falls, N. Y.
Page Storms Drop Forge Co., Chicopee, Mass.
Peck, Stow & Wilcox Co., Southington, Conn.
Star Mfg. Co., Carpentersville, Ill.
Vlchek Tool Co. ("Vlchek"), 10711 Quincy av, Cleveland, O.
Wakefield Clarence E., Worcester, Mass.

Wrenches (Bit Brace)

See Wrenches, Brace Socket

17058— Wrenches (Box)

Allen Wrench & Tool Co. ("Allen Box Type"), 754 Eddy, Providence, R. I.
See adv index at end of book
Armstrong Bros. Tool Co. ("A." Drop Forged), 339 N Francisco av, Chicago, Ill.
Page Storms Drop Forge Co., Chicopee, Mass.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book
Williams J. H. & Co. (Hexagon & Square, Drop Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

17059—Wrenches (Brace Socket)

Braunsdorf-Mueller Co., Elizabeth, N. J.
Cincinnati Tool Co., Norwood, Cincinnati, Ohio. *See adv index at end of book*
GREENFIELD TAP & DIE CORP'N ("G. T. D." for Nuts), Greenfield, Mass. *See adv index at end of book*
Walden-Worcester, Inc. ("Walden-Worcester"), Worcester, Mass.

17060—Wrenches (Brass & Nickel Pipe)

See also Wrenches, Pipe

Belden Machine Co. ("Hayden"), New Haven, Conn.
Bernz Otto, 17-37 Ashland, Newark, N. J.
Haydenville Co. ("Hayden"), Haydenville, Mass.
Parmelee Wrench Co., 2515 W Monroe, Chicago, Ill.
Reed Mfg. Co., Erie, Pa.
Starbuck R. M. & Sons, Hartford, Conn.
Wakefield Clarence E., Worcester, Mass.
Walworth Mfg. Co. ("Walworth-Parmeler"), Boston, Mass.
Warnock Mfg. Co. ("Warnock," "Warnock Simplex"), 54 Commercial, Worcester, Mass.
Wolverine Brass Works, Grand Rapids, Mich.

17061—Wrenches (Bridge Builders')

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, Ohio
LOWELL WRENCH CO. ("Bridge Builders" & "Steel Socket" "Reversible Ratchet"), 54 Commercial, Worcester, Mass. *See adv index at end of book*
Mossberg Frank Co. ("Heavy Duty" Set 19 & 20), Attleboro, Mass.
Stanley Rule & Level Co. (Atha Division), New Britain, Conn.
Williams J. H. & Co. (Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

17062—Wrenches (Car Builders')

Advance Car Mover Co., Appleton, Wis.
Armstrong Bros. Tool Co. ("A." Drop Forged), 339 N Francisco av, Chicago, Ill.
Dayton Car Wrench Co., 15 S Brown, Dayton, O.
Lakeside Forge Co. ("Lakeside"), Erie, Pa.
Page Storms Drop Forge Co., Chicopee, Mass.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book
Williams J. H. & Co. (Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

17063—Wrenches (Car Hopper)

Hess Steel Casting Co. (Automatic Safety), Bridgeton. N. J.
Safety Hopper Car Wrench Co., Harrison bldg, Phila., Pa.

17064—Wrenches (Carriage & Tire Bolt)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Custer W. F. & Son ("Handy" Tire Bolter), Summitville, Ind.
Stanley Rule & Level Co. ("O. K." Tire Bolt), New Britain, Conn.
Walden-Worcester, Inc. ("Walden-Worcester"), Worcester, Mass.
Williams J. H. & Co. (Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

17065— Wrenches (Carriage & Wagon)

Bayer Steam Soot Blower Co., St. Louis, Mo.
Dayton Car Wrench Co., 15 S Brown, Dayton, O.
Harvey Spring & Forging Co., Racine, Wis.
Joy Samuel S., Rockingham, N. H.
Mason F. C. & Co., St. Johns, Mich.
Millers Falls Co. (Malleable Iron, Adjustable), 28 Warren, New York
Oliver Mfg. Co., 326 S Desplaines, Chicago, Ill.
Stowell Co., The, South Milwaukee, Wis.
Union Malleable Iron Co., East Moline, Ill.

17065a— Wrenches (Cap Screw)

Williams J. H. & Co. (Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

17066— Wrenches (Chain)

Bonner Drop Forge Co. ("Victor" Reversible), 332 E Michigan av, Chicago, Ill.
Drop Forging Co. of New York ("Spartan"), 301 West Side av, Jersey City, N. J.
Gealy Wrench & Mfg. Co. ("Gealy," Chain Tong Pipe), Grove City, Pa.
Greene, Tweed & Co. ("Champion"), 109 Duane, New York
Hilts Wrench & Mfg. Co. (Adjustable Pipe), Richford, N. Y.
Kroeschell Bros. Co. ("Ideal"), 440 W Erie, Chicago, Ill.
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
Oswego Tool Co., Oswego, N. Y.
Robbins, Gamwell & Co. ("Robbins"), Pittsfield, Mass.
Trimont Mfg. Co. ("Trimo"), Amory av, Roxbury, Boston, Mass.
Williams J. H. & Co. ("Vulcan," "Agrippa," Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

17066a— *Wrenches (Check Nut)

Williams J. H. & Co. (Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

17067— Wrenches (Chuck)

Billings & Spencer Co. ("B & S" Drop Forged), Hartford, Conn.
Lakeside Forge Co. ("Lakeside" Drop Forged), Erie, Pa.
Morse Twist Drill & Machine Co. (For Chucks), New Bedford, Mass.
Page Storms Drop Forge Co., Chicopee, Mass.

17068—Wrenches (Combination)

Bemis & Call Hardware & Tool Co. (Pipe & Nut), Springfield, Mass.

Bonney Vise & Tool Works ("Bonney Combination," "Vixen" Nut & Pipe), Allentown, Pa.
See adv index at end of book
Cronk & Carter Mfg. Co., Elmira, N. Y.
Dudley Tool Co., Menominee, Mich.
Hawkeye Wrench Co. (Crocodile), Marshalltown, Ia.
Monte Wrench Co., Shelbyville, Ind.
Morse A. J. & Son Inc. (Hydrant), 221 High, Boston, Mass.
Niagara Falls Metal Stamping Works (Ten Tool in One), Niagara Falls, N. Y.
Stortz Jno. & Son, 210 Vine, Phila., Pa.
Union Hardware Co. ("Tower's" Pipe & Nut), Torrington, Conn.
Whitman & Barnes Mfg. Co. ("W & B"), Akron, O. *See adv index at end of book*

17068a—*Wrenches (Construction)

Williams J. H. & Co. (Drop Forgings), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

Wrenches (Crocodile)

See Wrenches, Alligator

17069— Wrenches (Dog)

Le Count Wm. G. (Steel), South Norwalk, Conn. *See adv index at end of book*
Trimont Mfg. Co., Amory av, Roxbury, Boston, Mass.
Williams J. H. & Co. ("Vulcan" Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

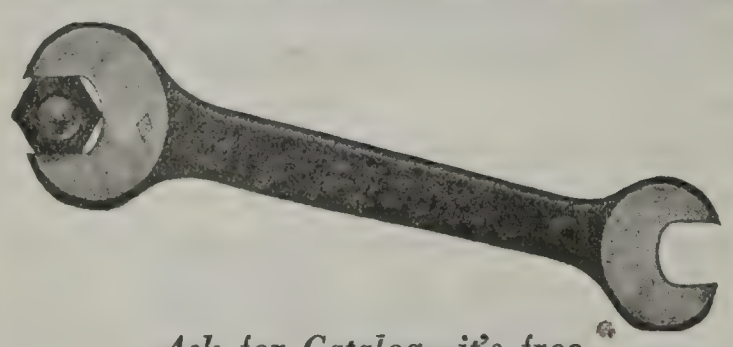
17070—Wrenches (Drop Forged)

Allen Wrench & Tool Co. (Pipe, Ratchet & Socket), 754 Eddy, Providence, R. I.
See adv index at end of book
Armstrong Bros. Tool Co., 339 N Francisco av, Chicago, Ill.
Barcalo Mfg. Co., Buffalo, N. Y.
Bayer Steam Soot Blower Co., St. Louis, Mo.
Bemis & Call Hardware & Tool Co., (Adjustable "S," Pipe, Nut & Screw), Springfield, Mass.
Billings & Spencer Co., Hartford, Conn.
BONNEY VISE & TOOL WORKS (Engineers), Allentown, Pa.
See adv index at end of book
Brown R. H. & Co., New Haven, Conn.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Canton Drop Forging & Mfg. Co., Canton, O.
Eccles Richard Co., Auburn, N. Y.
Girard Wrench Mfg. Co. ("Girard"), Girard.
Harbison Mfg. Co., Kansas City, Mo.
Hawkeye Wrench Co., Marshalltown, Ia.
Herbrand Co., Fremont, Ohio
Hjorth Wm. & Co., Jamestown, N. Y.
Indianapolis Drop Forging Co., Indianapolis, Ind.
Keystone Drop Forge Works, Chester, Pa.
Kilborn & Bishop Co. (Pipe), New Haven, Conn.
Lakeside Forge Co. ("Lakeside"), Erie, Pa.
McKaig Drop Forge Co., Buffalo, N. Y.
Page Storms Drop Forge Co., Chicopee, Mass.
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
Rhode Island Tool Co., Providence, R. I.
Richards-Wilcox Mfg. Co. ("Wizard"), Aurora, Ill.
Robinson M. W. Co. ("Carll", Nut & Pipe), 203 37th, Brooklyn, N. Y.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J Works: Trenton & Roebling, N J
See adv index at end of book
Thomson Drop Forge Co., Plantsville, Conn.
Trimont Mfg. Co. ("Trimo"), Amory av, Roxbury, Boston, Mass.
Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.
Vichek Tool Co. ("Vichek"), 1071 Quincy av, Cleveland, O.
Western Tool & Forge Co, Brackenridge, Pa.
Whitaker Mfg. Co. (Steel), 409 S Green, Chicago, Ill.
WHITMAN & BARNES MFG. CO. Akron, O. *See adv index at end of book*
Williams J. H. & Co. (Light & Heavy Service), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

17071—Wrenches (Engineers' & Machinists')

SCREW & MONKEY PATTERN

Athol Machine Co. ("Rapid Transit"), Athol, Mass.
Barcalo Mfg. Co., Buffalo, N. Y.
Bayer Steam Soot Blower Co, St. Louis, Mo.
Beckley-Ralston Co., 1801 S Mich av, Chicago, Ill.
Bemis & Call Hardware & Tool Co. ("Briggs," "Merrick," Pattern), Springfield, Mass.
Bonner Drop Forge Co. ("Victor" Drop Forged), 332 S Michigan av, Chicago, Ill.
Bonney Vise & Tool Works (Thin Wrenches, Drop Forged), Allentown, Pa. *See adv index at end of book*
Bridgeport Hdwe. Mfg. Corp. ("Ready "Grip"), Bridgeport, Conn.
Chester Steel Castings Co., Chester, Pa.
COES WRENCH CO. ("Coes"), Coes sq, Worcester, Mass.
See adv index at end of book
Collins Co., Collinsville, Conn.
Corry Wrench Co., Corry, Pa.
Crescent Tool Co. ("Crescent" Drop Forged Adjustable Engines), 200 Harrison, Jamestown, N. Y.
Detroit Model Machine W'ks, Tremont, O.
Dudley Tool Co., Menominee, Mich.
Erie Tool Works, Erie, Pa.
Girard Wrench Mfg. Co. ("Girard" Forged Monkey), Girard, Pa.
Hawkeye Wrench Co. ("Hawkeye"), Marshalltown, Ia.
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.
Herbrand Co., Fremont, O.
Hilt's Wrench & Mfg. Co. ("Hilts'" Adjustable Drop Forged), Richford, N. Y.
Hjorth Wm & Co., Jamestown, N. Y.
Joy A. P., Rockingham, N. H.
Kilborn & Bishop Co. ("Saxon," "Terrier"), New Haven, Conn.
Lamson & Sessions Co. ("Lamson Rapid," "Lamson Engineers," Case Hardened), 2188 Scranton rd, S. N., Cleveland, O.
LOWELL WRENCH CO. ("Lowell" Reversible Ratchet), 54 Commercial, Worcester, Mass.
See adv index at end of book
Lutz Co. ("Lutz"), 31st & Grays Ferry av, Philadelphia, Pa.
Mason F. C & Co. ("Mason"), St. Johns, Mich.
Meadville Wrench Co. (Steel Handled Railroad Wrenches), Meadville, Pa.
Monte Wrench Co. ("Monte" Wood Handle), Shelbyville, Ind.
Mossberg Frank Co. ("Thin Model" Pressed Steel Engineers, Single & Double End Type), Attleboro, Mass.
Oliver Mfg. Co., 326 S Desplaines, Chicago, Ill.
PECK, STOW & WILCOX CO. ("P. S. & W," Solid Handle), Southington, Conn.
See adv index at end of book
Pratt Wm. E. Mfg. Co. ("Superior"), 35 W Lake, Chicago, Ill.
Ronson Specialty Co., 7 Mulberry, Newark, N. J.



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Union Hardware Co., Torrington, Conn.
Vichek Tool Co. ("Vichek," Single & Double Head), 10711 Quincy av, Cleveland, O.
Wakefield Clarence E., Worcester, Mass.
Whitely Malleable Castings Co., Muncie, Ind.
WHITMAN & BARNES MFG. CO. ("Railroad Special," All Steel, Screw, Knife Handle; also Check Nut), Akron, O.
See adv index at end of book
Williams J. H. & Co. (Cap Screw, Drop Forged), 31 Richard, Brooklyn, N. Y.
See adv index at end of book

17072— Wrenches (Fixture)

Superior Tool Co. ("Du Charme"), Cambridge, O.
Yost Electric Mfg. Co. ("Falcon"), Toledo, Ohio

17073— Wrenches (Flange)

Nye Tool & Machine Works (Ratchet), 108 N Jefferson, Chicago, Ill.
Strong, Carlisle & Hammond Co. ("Strong Utility"), 336 Frankfort av N W, Cleveland, O.

17074—Wrenches for Underground Valves

Darling Pump & Mfg. Co., Williamsport, Pa.
Kennedy Valve Mfg. Co., Elmira, N. Y.

17075—Wrenches (Fruit Jar)

Arcade Mfg. Co. ("Little Giant"), Freeport, Ill.
Cassady Fairbank Mfg. Co. ("Berthoud," "Cinch," "Grip"), 6126 S La Salle, Chicago, Ill.
Forbes Benj. P. Co. ("Triumph"), Cleveland, O.
Glenny Wm. Glass Co. ("Glenny"), 10 W Commerce, Cincinnati, O.
Kobler Die & Specialty Co., De Kalb, Ill.
Morgan Spring Co., Worcester, Mass.
See adv index at end of book
Parker Wire Goods Co., Worcester, Mass.
S. & I. Co. ("Lightning," "Mason," Opener & Sealer), Springfield, Mass.
Wolverine Supply & Mfg. Co. ("Little Giant" Holder & Opener), Page & Fontella, Pittsburgh, Pa.

17076—Wrenches (Gas Cock)

Malleable Iron Fittings Co. ("M. I. F. Co.") Branford, Conn.

17077— *Wrenches (Hammer Handle)

COES WRENCH CO. ("Hammer Handle"), Coes sq, Worcester, Mass.
See adv index at end of book

17078— Wrenches (Hose)

Allen W. D. Mfg. Co. ("Tabor"), 566 W Lake, Chicago, Ill.

17079— Wrenches (Hydrant)

Berry Chas. E. ("Hopkins" Plain & Adjustable), Somerville, Mass.
Morse A. J. & Son, Inc., 221 High, Boston, Mass.
Williams J. H. & Co. (Drop Forgings), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

17080—*Wrenches (Key Adjusting)

COES WRENCH CO., Coes sq, Worcesterter, Mass.
See adv index at end of book

17081—Wrenches (Knife Handle)

COES WRENCH CO. ("Knife-Handle"), Coes sq, Worcester, Mass.
See adv index at end of book
Whitman & Barnes Mfg. Co. ("W. & B." Machinists'), Akron, O.
See adv index at end of book

17082— Wrenches (Lag Screw)

Dicke Tool Co., Downers Grove, Ill.
Klein Mathias & Sons, 562 W Van Buren, Chicago, Ill.
LOWELL WRENCH CO. ("Lag Screw" Reversible Ratchet), 54 Commercial, Worcester, Mass.
See adv index at end of book
SMITH & HEMENWAY CO., INC. ("Red Devil," Drop Forged Lag Screw & Bolt), 261 Broadway, New York, and 130 Coit, Irvington, N. J.
See adv index at end of book

17083—*Wrenches (Linemen's)

Williams J. H. & Co. (Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

17084—*Wrenches (Lock Jaw)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book

17085—Wrenches (Locomotive)

Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book
Williams J. H. & Co. (Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

17085a— *Wrenches (Loom)

Williams J. H. & Co. (Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

Wrenches (Machinists')

See Wrenches, Engineers' & Machinists'

17086—*Wrenches (Metal Handle)

COES WRENCH CO. ("Star 91"), Coes sq, Worcester, Mass.
See adv index at end of book

Wrenches (Nut)

See Wrenches, Engineers' & Machinists; also Wrenches, Adjustable

17087—Wrenches (Nut, Bit Brace)

GREENFIELD TAP & DIE CORP'N ("G. T. D."), Greenfield, Mass.
See adv index at end of book

17088— Wrenches (Pin)

Billings & Spencer Co. ("B. & S." Drop Forged Steel), Hartford, Conn.

17089— Wrenches (Pipe)

American Brass Novelty Co., Grand Haven, Mich.
ARMSTRONG MFG. CO. ("Armstrong"), 278 Knowlton, Bridgeport, Conn.
See adv index at end of book
Bayer Steam Soot Blower Co., St. Louis, Mo.
Belden Machine Co. ("Hayden," Brass & Nickel), New Haven, Conn.
Bemis & Call Hardware & Tool Co. (Combination Pipe & Nut), Springfield, Mass.
Billings & Spencer Co. ("B. & S." Chain), Hartford, Conn.
Bonner Drop Forge Co. ("Victor" Drop Forged), 322 S Michigan av, Chicago, Ill.
BONNEY VISE & TOOL WORKS ("Always Ready," "Stillson," "Crocodile" Adjustable "S"), Allentown, Pa.
See adv index at end of book
Buschle Sons Mfg. Co., 1637 Central av, Cincinnati, O.
Cochran Pipe Wrench Mfg. Co., 7544 S Chicago av, Chicago, Ill.
Craftsman Tool Co. (Self-Adjusting) Conneaut, O.
Crane Co., Bridgeport, Conn.
Darling Pump Mfg. Co. (Ltd.), Williamsport, Pa.
Drop Forging Co. of New York ("Spartan" Chain), 301 West Side av, Jersey City, N. J.
Dudley Tool Co., Menominee, Mich.
Ellis & Ford Mfg. Co. (Combination Pipe & Monkey Wrench), Detroit, Mich.
Erie Stamping & Mfg. Co., Erie, Pa.
Erie Tool Works, Erie, Pa.
Fuller Bros. Co., 139 Greenwich, New York
Gealy Wrench & Mfg. Co. ("Gealy" Tong Chain), Grove City, Pa.
Greene, Tweed & Co. ("Champion"), 109 Duane, New York
Hawkeye Wrench Co. ("Hawkeye" & "Superior"), Marshalltown, Ia.
Hayward Wrench Co., St. Louis, Mo.
Hilts Wrench & Mfg. Co. ("Hilts," "Eclipse," "Comet" & Adjustable Chain), Richford, N. Y.

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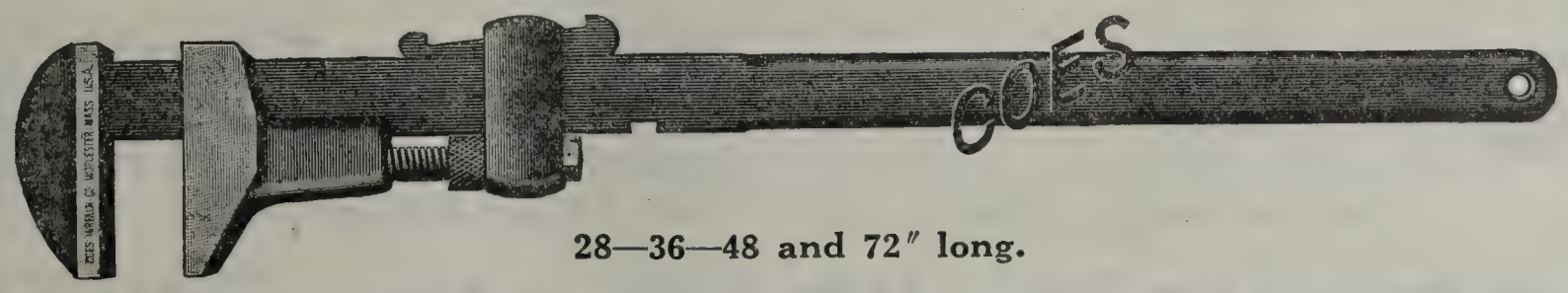

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Keystone Mfg. Co. ("Westcott" Adjustable), Buffalo, N. Y.
Kilborn & Bishop Co. ("Saxon," "Farrier" Drop Forged), New Haven, Conn.
Kraeuter & Co. ("Victor" Alligator), 583 18th av, Newark, N. J.
Kroeschell Bros. Co. ("Ideal"), 440 W Erie, Chicago, Ill.
Lakeside Forge Co. ("Lakeside"), Erie, Pa.
Lutz Co. (With Friction Ratchet), 31st & Grays Ferry av, Phila., Pa.
Mechanical Specialties Co. ("Como"), 122 S Michigan av, Chicago, Ill.
Monte Wrench Co., Shelbyville, Ind.
Mossberg Frank Co. ("Gripsall"), Attleboro, Mass.
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
Oil Well Supply Co., ("O.") 215 Water, Pittsburgh, Pa.
Oswego Tool Co. ("Dickson," "Stillson" & "Standard" Patterns), Oswego, N. Y.
Page Storms Drop Forge Co. ("Ireland" Drop Forged), Chicopee, Mass.
Parmelee Wrench Co. ("Parmelee's" Girdle), 2515 W Monroe, Chicago, Ill.
Peck, Stow & Wilcox Co. ("Pexto"), Southington, Conn.
See adv index at end of book

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Southington, Conn.

Pfeifer F. ("Johnston"), 97 Reade, New York
Robbins, Gamwell & Co., Pittsfield, Mass.
Saunders' D. Sons, Yonkers, N. Y.
Shaw Propeller Co. (Alligator), 15 Elkins, Boston, Mass.
Smith H. D. & Co. ("Perfect Handle") Plantsville, Conn.
Star Mfg. Co. ("Elgin" Pipe Jaw), Carpentersville, Ill.
Stearns Mfg. Co., Toledo, O.
Trimont Mfg. Co. ("Trimo"), Amory av, Roxbury, Boston, Mass.
Vaughan & Bushnell Mfg. Co. ("V. & B. Grip," Drop Forged Steel), 2114 Carroll av, Chicago, Ill.
Wakefield Clarence E. ("Wakefield"), Worcester, Mass.
Walworth Mfg. Co. ("Stillson" "Walworth Genuine Stillson"), Boston, Mass.
Warnock Mfg. Co. ("Warnock," "Warnock Simplex," "Smooth Pipe"), 54 Commercial, Worcester, Mass.
Whitman & Barnes Mfg. Co. ("W. & B."), Akron, O. *See adv index at end of book*
Williams J. H. & Co. ("Vulcan" & "Agrippa" Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book
Wolverine Brass Co., Grand Rapids, Mich.

17090— Wrenches (Pipe & Pipe Cutter Combined)

Bonney Vise & Tool Works ("Masterpiece"), Allentown, Pa.
See adv index at end of book

Wrenches Pocket

See Wrenches, Bicycle & Pocket

17091—Wrenches (Ratchet)

See also Drills, Ratchet

Adreon Mfg. Co. ("Adreon-Morse"), Security bldg, St. Louis, Mo.
Allen Wrench & Tool Co., 754 Eddy, Providence, R. I.
See adv index at end of book

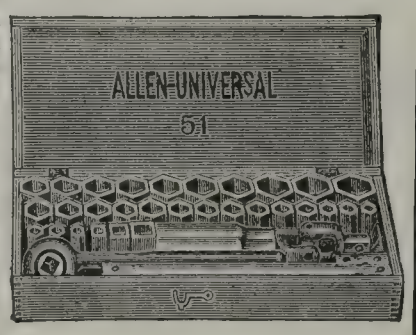
Allen Universal Socket Wrench

"The Wrench with Universal Action"

Can be used in any position at any angle where a straight wrench cannot be used.

Drop forged, carefully machined, all parts hardened. Fully guaranteed. Sockets, all sizes from 5-16 in. to 1 9-32 in.

ALLEN WRENCH & TOOL COMPANY
Providence, R.I., U.S.A.



Burgess & Norton Mfg. Co. ("Stephens"), Geneva, Ill.
C. M. B. Wrench Co. ("Silver King," Adjustable Handle Socket Ratchet, "Auto Queen," Factory, Machinists), Garwood, N. J.

C. & E. Mfg. Co. ("Marshalltown"), Marshalltown, Ia.
Convertible Ratchet Wrench Co., Allentown, Pa.
Custer Coupling Co. ("Custer"), Bradford, Pa.
Greene, Tweed & Co. ("Favorite," Reversible), 109 Duane, New York
Irving Mfg. & Tool Co., 157 Chambers, New York
Keystone Mfg. Co. ("Keystone" Reversible), Buffalo, N. Y.
Lovejoy Tool Works, 319 W Ohio, Chicago, Ill.
LOWELL WRENCH CO., ("Multiplex" Reversible), 54 Commercial, Worcester, Mass. *See adv index at end of book*
Lutz Co., 31st & Gray's Ferry av, Phila., Pa.
Maytag Co. ("Hawkeye" for Thrasher Cylinders), Newton, Ia.
Mechanical Specialties Co. ("La Rock" Ratchetless), 122 S Michigan av, Chicago, Ill.
Miller Chas. ("Comet"), Syracuse, N. Y.
Moore Drop Forging Co., Springfield, Mass.
Mossberg Frank Co. ("Mossberg" "Auto-Cle" Flat, Handle, Ratchet, Reversible & Non-Reversible Socket), Attleboro, Mass.
Parmalee Wrench Co. ("Parmalee"), 2515 W Monroe, Chicago, Ill.
Pratt & Whitney Co., Hartford, Conn.
Richards-Wilcox Mfg. Co. ("Wizard" Adjustable), Aurora, Ill.
STARRETT L. S. CO. (THE), Athol, Mass.
See adv index at end of book
Syracuse Wrench Co. ("Champion" & "Yala"), 325 N Fayette, Syracuse, N. Y.
Walden-Worcester, Inc. ("Walden-Worcester" Socket), Worcester, Mass.
Williams J. H. & Co. (Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book
Yonts C. H. & Co. (With Handle), Meadville, Pa.

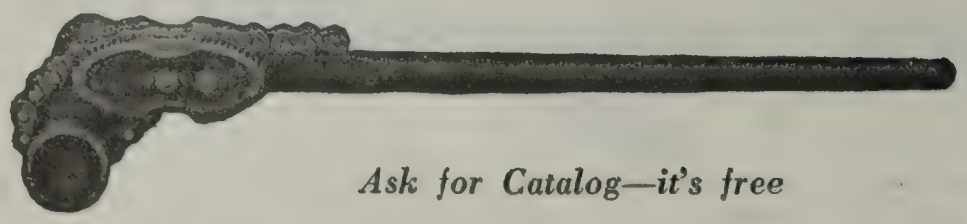
17091a—*Wrenches (Reversible Ratchet)

Lowell Wrench Co. ("Multiplex" Reversible), 54 Commercial, Worcester, Mass. *See adv index at end of book*

17092— Wrenches ("S")

Armstrong Bros. Tool Co., 339 N Francisco av, Chicago, Ill.
Barcalo Mfg. Co., Buffalo, N. Y.
Bemis & Call Hardware & Tool Co. ("B. & C.," Single & Double End Adjustable Nut & Pipe), 983 Main, Springfield, Mass.
Billings & Spencer Co. ("B. & S" Drop Forged Adjustable, Hexagon, etc), Hartford, Conn.
Bonner Drop Forge Co. ("Victor" Drop Forged), 332 S Michigan av, Chicago, Ill.
BONNEY VISE & TOOL WORKS (Adjustable), Allentown, Pa.
See adv index at end of book

Williams' Improved "Vulcan" Chain Pipe Wrenches



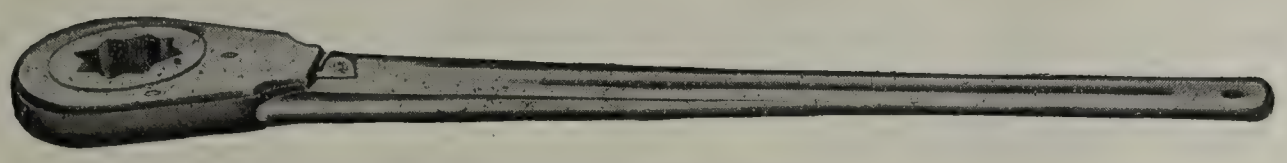
Ask for Catalog—it's free

Williams' Chain Pipe Wrenches have been standard for nearly half a century. They are made entirely of drop-forged or wrought steel and are fully guaranteed.

J. H. Williams & Co., "The Drop-Forging People"

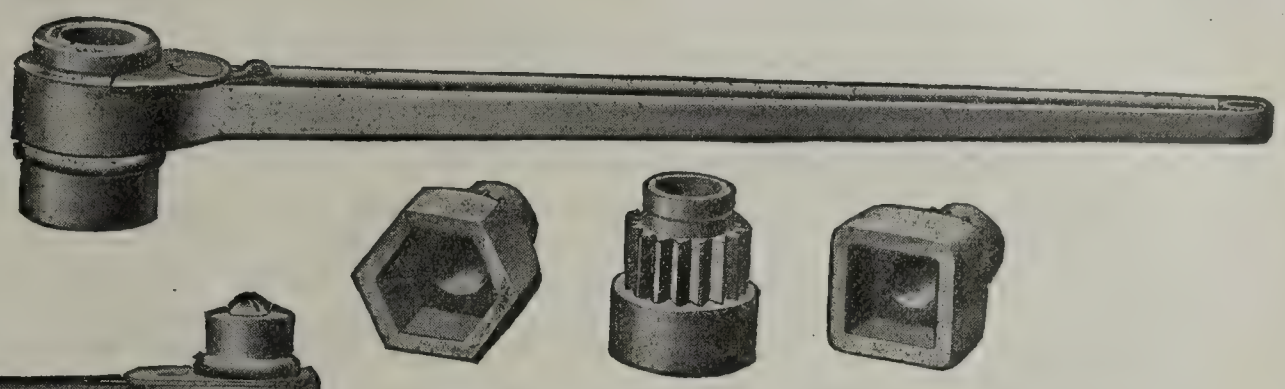
Western Office and Warehouse: 31 South Clinton Street, Chicago, Ill.
Plants: Brooklyn and Buffalo, N. Y.
General Offices: 31 Richards Street, Brooklyn, N. Y.

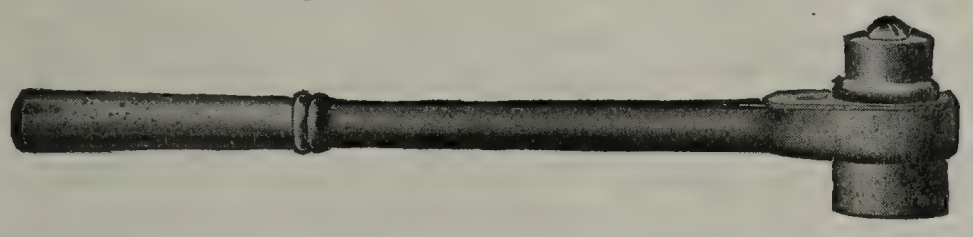
Reversible Ratchet Wrenches



All sizes and shapes

Stock Sizes
6 in. to 4 ft. long. Fit U.S.S. nuts from 11/16″ to 5″ smaller outside diameters, square or hexagon in shape.





Every wrench guaranteed to give satisfaction
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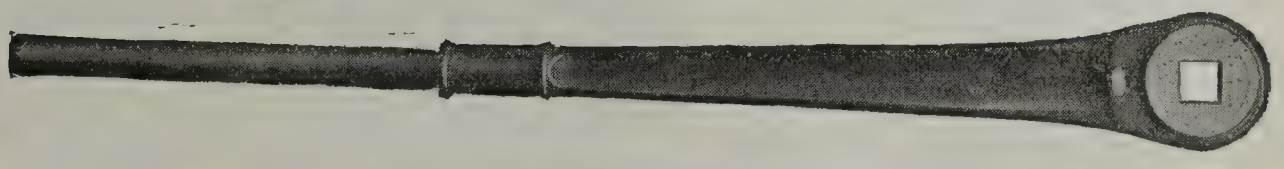

LOWELL WRENCH CO.
54 COMMERCIAL ST.
WORCESTER, MASS.

NEW YORK REPRESENTATIVE
A. W. SECOR, 76 FULTON ST., NEW YORK CITY

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Canton Drop Forging & Mfg. Co., Canton, O.
Erie Tool Works, Erie, Pa.
Greene Tweed & Co. ("Baxter" Adjustable), 109 Duane, New York
Keystone Mfg. Co. ("Westcott" Adjustable), Buffalo, N. Y.
Lakeside Forge Co. ("Lakeside"), Erie, Pa.
National Malleable Castings Co., 7706 Platt av, S E, Cleveland, O.
Oswego Tool Co. (Adjustable Nut), Oswego, N. Y.
Page Storms Drop Forge Co. (All Kinds), Chicopee, Mass.
Robinson M. W. Co. ("Carll" Adjustable, Drop Forged), 203 37th, Brooklyn, N.Y.
S. & I. Co. ("Never Break," Hardened Pressed Steel), Springfield, Mass.
Whitely Malleable Castings Co., Muncie, Ind.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book
Williams J. H. & Co. (Nut Cap & Set Screw Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

Wrenches (Screw)

See Wrenches, Engineers & Machinsts

17093— Wrenches (Sleeve)

Kendrick-Davis Co. ("K. & D." Jewelers), Lebanon, N. H.

17094— Wrenches (Socket)

Allen Wrench & Tool Co. ("Eureka" Ratchet) ("Allen-Friction" "Allen-Universal"), 754 Eddy, Providence, R. I. *See adv index at end of book*
Armstrong Bros. Tool Co. ("A." Drop Forged), 339 N Francisco av, Chicago, Ill.
Azadian Gauge Mfg. Co. ("Auto King") Industrial bldg, Syracuse, N. Y.
Billings & Spencer Co. ("B. & S.") Hartford, Conn.
C. M. B. Wrench Co. ("Silver Ring" & "Auto Queen," Adjustable Handle, Socket Hatchet), Garwood, N. J.
Channon Jas. H. Mfg. Co. (Socket Handle), 227 W Erie, Chicago, Ill.
Graham Roller Bearing Co., Coudersport, Pa.
Harris Samuel & Co., 114 N Clinton, Chicago, Ill.
Improved Guage Mfg. Co., 320 W Water, Syracuse, N. Y.
Indianapolis Drop Forging Co., Indianapolis, Ind.
Keystone Mfg. Co. ("Keystone," "Giant," with Reversible Rachet), Buffalo, N. Y.
LOWELL WRENCH CO. (Reversible Ratchet), 54 Commercial, Worcester, Mass. ***See adv index at end of book***
Marvel Accessories Mfg. Co. ("Marvel"), 2011 E 46th, Cleveland, O.
Miller Chas. ("Autos' Friend"), Syracuse, N. Y.
Mossberg Frank Co. ("Diamond M.," Socket Sets & "Auto Cle," also Ratchet Socket & Tubular Type) Attleboro, Mass.
New England Pressed Steel Co., Natick, Mass.
Packer Auto Specialty Co. ("Ray"), 122 S Michigan av, Chicago, Ill.
Page Storms Drop Forge Co., Chicopee, Mass.
Parmalee Wrench Co. ("Parmalee"), 2515 W Monroe, Chicago, Ill.
Vlchek Tool Co. (Tubing), 10711 Quincy av, Cleveland, O.
Walden-Worcester, Inc. ("Walden-Worcester"), Worcester, Mass.
Williams J. H. & Co. (Drop Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*
Winter Bros. Co., Wrentham, Mass.
Worcester Pressed Steel Co. (Pressed Steel), Worcester, Mass.

17095—Wrenches (Spanner)

Billings & Spencer Co. ("B. & S." Drop Forged Adjustable), Hartford, Conn.
Edna Brass Mfg. Co., Cincinnati, O.
Forsyth Metal Goods Co. (Bicycle), E. Aurora, N. Y.
Franklin Park Foundry Co., Franklin Park, Ill.
LUNKENHEIMER CO. (Adjustable), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Morse A. J. & Son Inc., 221 High, Boston, Mass.
Oakes Co., The, Indianapolis, Ind.
Page Storms Drop Froge Co. ("P. S."), Chicopee, Mass.
Powell Wm. Co. ("Powell"), Cincinnati, O.
Rhode Island Tool Co. (Drop Forged), Providence, R. I.
Williams J. H. & Co. (Drop Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

17096—Wrenches (Spark Plug)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
C. M. H. Wrench Co. ("C. M. B." Adjustable), Garwood, N. J.
Miller Chas. ("2-in-1," "XX," "4-in-1"), Syracuse, N. Y.
Mossberg Frank Co. (Pressed Steel, Tubular Socket Type & Flat, End Opening Type), Attleboro, Mass.
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Vlchek Tool Co. ("Vlchek"), 10711 Quincy av, Cleveland, O.
Williams J. H. & Co. (Drop Forged), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

17097—Wrenches (Splicing)

Dicke Tool Co., Downers, Grove, Ill.
Klein Mathias & Sons, 562 W Vanburen, Chicago, Ill.
SMITH & HEMENWAY CO., INC. ("Red Devil," Drop Forged Tie & Splicing), 261 B'way, New York, & 130 Coit, Irvington, N. J.
See adv index at end of book

17098—Wrenches (Sprocket)

Ayes & Co. ("Champion" Hub), 1812 Ellen, Chicago, Ill.

17099— *Wrenches (Steel)

Bossert Corp. The, Utica, N. Y.
See adv index at end of book
COES WRENCH CO., Coes sq, Worcester, Mass. *See adv index at end of book*
Whitman & Barnes Mfg. Co. (Rail Road Special, Intermediate All Steel Screw), Akron, O. *See adv index at end of book*
Williams J. H. & Co. (Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

17100—Wrenches (Structural)

Williams J. H. & Co. (Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

17101— Wrenches ("T")

Nordyke & Marmon Co., 1280 Kentucky av, Indianapolis, Ind.

17102—Wrenches (Tap & Reamer)

Alert Tool Co. (Ratchet), 221 N 23d, Phila., Pa.
AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book
ARMSTRONG MFG. CO. ("Armstrong"), 278 Knowlton, Bridgeport, Conn.
See adv index at end of book
Bay State Tap & Die Co., Mansfield, Mass.
Billings & Spencer Co. ("B. & S."), Hartford, Conn.
Braunsdorf-Mueller Co. (Tap), Elizabeth, N. J.
Brubaker W. L. & Bros. (Adjustable), Millersburg, Pa.
Bullock Mfg. Associates, Springfield, Mass.
Butterfield & Co., Derby Line, Vt.
Card S. W. Mfg. Co. ("Horsfield"), Mansfield, Mass.
Carpenter J. M. Tap & Die Co. ("Nichols"), Pawtucket, R. I.
Champion Blower & Forge Co. ("Champion"), Lancaster, Pa.
Conant & Donelson Co. ("Reliable"), Conway, Mass.
Dikeman Mfg. Co. (Tap Wrench for Hand Taps, also with Hollow Handle), Norwalk, Conn.
GREENFIELD TAP & DIE CORP'N ("G. T. D."), Greenfield, Mass.
See adv index at end of book
Hart Mfg. Co. ("Duplex" Adjustable Tap), Cleveland, O.
Keystone Mfg. Co. ("Keystone" or Ratchet Stud Driver), Buffalo, N. Y.
Morse Twist Drill & Machine Co. (For Adjustable Reamers & Taps), New Bedford, Mass.
North Bros. Mfg. Co. ("Yankee" Tap), Lehigh & American, Phila., Pa.
Page Storms Drop Forge Co. ("P. S."), Chicopee, Mass.
Pawtucket Mfg. Co., Pawtucket, R. I.
Polk A. J. & Son (Adjustable), Millersburg, Pa.
Poorman J. E. (High Speed), 1825 Bristol, Phila., Pa.
Pratt & Whitney Co. (Adjustable), Hartford, Conn.
Robinson M. W. Co. ("Rollis"), 203 37th, Brooklyn, N. Y.
Russell Mfg. Co. (Adjustable), Greenfield, Mass.
Sawyer Tool Mfg. Co. (Tap), Ashburnham, Mass.
Standard Tool Co., 6900 Central av, Cleveland, O.
STARRETT L. S. CO. (THE), (Tap Wrenches), Athol, Mass.
See adv index at end of book
Walworth Mfg. Co., Boston, Mass.
West Haven Mfg. Co. ("Hold Fast" & T. Handle Tap Wrench), West Haven, Conn.
Williamsburg Mfg. Co., Williamsburg, Mass.
Winter Bros. Co., Wrentham, Mass.

17103—Wrenches (Terminal)

Klein Mathias & Sons ("No. 63"), 562 W Van Buren, Chicago, Ill.

17103a— *Wrenches (Textile)

Williams J. H. & Co. (Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

17104— Wrenches (Thin)

Bonney Vise & Tool Works (Drop Forged), Allentown, Pa.
See adv index at end of book
Lakeside Forge Co. ("Lakeside"), Erie, Pa.
Williams J. H. & Co. (Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

17105—Wrenches (Thresher Cylinder)

Fosston Mfg. Co. ("Fosston," Ratchet), 413 Cleveland, St. Paul, Minn.
Russell & Co. ("Russell"), Massillon, O.

17106—Wrenches (Tool Post)

Armstrong Bros. Tool Co. ("A." Drop Forged), 339 N Francisco av, Chicago, Ill.
Billings & Spencer Co. ("B. & S." Drop Forged), Hartford, Conn.
Indianapolis Drop Forging Co., Indianapolis, Ind.
Lakeside Forge Co. ("Lakeside" Drop Forged), Erie, Pa.
Page Storms Drop Forge Co., Chicopee, Mass.
Whitman & Barnes Mfg. Co. (Drop Forged), Akron, O.
See adv index at end of book
Williams J. H. & Co. (Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

17107— Wrenches (Track)

Beall Bros. (Single & Double End), Alton, Ill.
Billings & Spencer Co. ("B. & S." Drop Forged), Hartford, Conn.
Chester Steel Castings Co., Chester, Pa.
Evansville Tool Works, Evansville, Ind.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Indianapolis Drop Forging Co., Indianapolis, Ind.
Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.
JEFFREY MFG. CO., 961 N 4th, Columbus, O.
See adv index at end of book
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Keystone Drop Forge Works, Chester, Pa.
Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.
Lakeside Forge Co. ("Lakeside"), Erie, Pa.
Page Storms Drop Forge Co., Chicopee, Mass.
Stanley Rule & Level Co. (Atha Div.), New Britain, Conn.
Union Drop Forge Co., 358 W. Grand av, Chicago, Ill.
Verona Tool Works (Straight & T), Oliver bldg, Pittsburgh, Pa. & Verona, Pa.
Warwood Tool Co., Warwood, Wheeling, W. Va.
Williams J. H. & Co. (Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

17107a— *Wrenches (Triplehead)

Williams J. H. & Co. (Drop Forged), 31 Richards, Brooklyn, N. Y.
See adv index at end of book

Wrenches (Wagon)

See Wrenches, Carriage

17108—Wringers (Blue Print)

Lovell Mfg. Co. (& for Mechanical Work), Erie, Pa.
Pease C. F. Co., 220 W Institute pl, Chicago, Ill.

17109— Wringers (Clothes)

American Ironing Machine Co. ("Triumph"), 166 N Michigan, Chicago, Ill.
American Wringer Co., 99 Chambers, New York
Atlas Laundry Machinery Co., 6th & Baymiller, Cincinnati, O.
Blackstone Mfg. Co. ("Blackstone" Electric Washing & Wringing, "Blackstone" Gasolene Power Washing & Wringing), Jamestown, N. Y.
Lovell Mfg. Co. ("Anchor Brand" Ball Bearing), Erie, Pa.
Troy Laundry Machinery Co. (Ltd.), 23d & La Salle, Chicago, Ill.

17110— Wringers (Mop)

American Wringer Co., 99 Chambers, New York
Ayes & Co. ("Champion"), 1812 Ellen, Chicago, Ill.
Bennington Scale Co. ("Molly Stark"), Bennington, Vt.
Brockton Mop Wringer Co. ("Brockton"), Brockton, Mass.
Bushnell Novelty Co. ("Bull Dog"), Mansfield, O.
Cardington Cabinet Co. ("Oscillator," "Ohio Crank"), Cardington, O.
Dobbins Mfg. Co. ("D. & B." Wringer & Pail), 127 1st, Minneapolis, Minn.
Eagle Woodenware Mfg. Co. ("Eagle" Wringer & Bucket Combined), Hamilton, O.
Ely T. J. Mfg. Co. ("Ely's Dandy," "Reliance Mop Wringer & Bucket Combined), Erie, Pa.
Erie Mop & Wringer Co. ("Erie"), Erie, Pa.
Gilchrist Co., 236 Bank, Newark, N. J.
Lee Chair Co. ("Reliance"), Oneida, N. Y.
MacLeod Mfg. Co., 412 Orleans, Chicago, Ill.
Sanitary Stamped Wares & Specialties Co. ("One Twist"), 415 W B'way, New York
Schubert August Wagon Co. ("Reliance"), Oneida, N. Y.
Smith System Heating Co. (Ellis Economy), 821 Washington av, S E, Minneapolis, Minn.
Success Mfg. Co. (Square Galvanized), Gloucester, Mass.
Tucker & Dorsey Mfg. Co. ("Columbia" Mop & Bucket Combined), Indianapolis, Ind.
U. S. Mop Co. ("Easy Wringer"), Toledo, Ohio
White J. A., Oxford, O.
White Mop Wringer Co. ("White"), Fultonville, N. Y.

17111—Wrist Bands (Husking)

Boss Mfg. Co., Kewanee, Ill.

17112— X-Ray Apparatus

American X-Ray Equipment Co., 50 E 42d, New York
Betz Frank S. Co., Hammond, Ind.
Bush Geo. L. & Co., 334 Sutter, San Francisco, Cal.
Campbell Electric Co., 17 Stewart, Lynn, Mass.
Columbia X-Ray & Electric Corp., 131 E 23d, New York
Dodd & Struthers, Des Moines, Ia.
Dudlo Mfg. Co., Ft. Wayne, Ind.
Edison Lamp Works of General Electric Co., Harrison, N. J.
Foote Pierson & Co., 160 Duane, New York
Green & Bauer ("Clover Leaf" & "Mascot" X-Ray Tubes), Hartford, Conn.
Kelley-Koett Mfg. Co., ("K.-K.") Covington, Ky.
Kny-Scheerer Co., 404 W 27th, New York
Meyer Wm. Co., 817 Washington, Chicago, Ill.
Ritchie E. S. & Sons, Brookline, Mass.
Scheidel Western X-Ray Co. ("Scheidel"), 737 W Van Buren, Chicago, Ill.
Snook-Roentgen Mfg. Co., 1210 Race, Philadelphia, Pa.
Ten Broeck & Huber, 214 E 23d, New York
Thordarson Electric Mfg. Co., 501 S Jefferson, Chicago, Ill.
Victor Electric Co., Jackson blvd & Robey, Chicago, Ill.
Waite & Bartlett Mfg. Co., 252 W 29th, New York
Williams E. I., Syracuse, N. Y.
Ziola-Jackson X-Ray Coil Co., Madison, Wis.

17113—X-Ray Fluoroscopes

See also X-Ray Apparatus

Jackson Francis E., Orange, N. J.

17113a— Xylidine

Calco Chemical Co. (For making Dyes), Bound Brook, N. J.
Chemical Co. of America (Mfrs), 28 Platt, New York
Montcaim Chemical Works, Indianapolis, Ind.

Xylol

See Coal Tar Products

17114— Yard Sticks

American Mfg. Concern, Falconer, N. Y.
Bliss Mfg. Co., Bliss, N. Y.
Bogert & Hopper, 67 Barclay, New York
Bradley Milton Co., Springfield, Mass.
Chapin-Stephens Co. (Also School & Desk Rulers, etc), Pine Meadow, Conn.
ESTES E. B. & SONS, 364 5th av, New York *See adv index at end of book*
Geneva Mfg. Co., Geneva, Ill.
Lucas-Tuttle Mfg. Co., Silver Springs, N. Y.
National Advertising Co., Seneca Falls, N. Y.
Novelty Advertising Co., Coshocton, O.
Stanley Rule & Level Co., New Britain, Conn.
Up-to-Date Advertising Co., Canisteo, N. Y
Westcott-Jewell Co. (Meter Sticks, Extension Rods, etc.), Seneca Falls, N. Y.

17114a— Yarn (Asbestos)

DOMINION ASBESTOS & RUBBER CORP, 154 Nassau, New York
See adv index at end of book

17115— Yarn (Fodder)

American Mfg. Co., West, Brooklyn, N. Y.
COLUMBIA ROPE CO., 3050 Genesee, Auburn, N. Y. *See adv index at end of book*
Fitler Edwin H. Co., 517 Arch, Phila., Pa.
Rinek Cordage Co., Easton, Pa.

17116— Yarn (Jute)

Allentown Spinning Co., Allentown, Pa.
Crichton Alex. F., 16th & Railroad av, Wilmington, Del.
Dolphin Jute Mills, Paterson, N. J.

17117— Yarn (Lath)

American Mfg. Co., West, Brooklyn, N. Y.
COLUMBIAN ROPE CO. (Tarred Sisal), **3050 Genesee, Auburn, N. Y.**
See adv index at end of book
Fischer & Hayes Rope Co., 602 W. Lake, Chicago, Ill. *See adv index at end of book*
Fitler Edwin H. Co., 517 Arch, Phila., Pa.
Hooven & Allison Co. (Tarred), Xenia, O.
Kelly R. A. Co., Xenia, O.
Leschen A & Sons Rope Co., 920 N 1st, St. Louis, Mo.
Peoria Cordage Co. (Tarred & Untarred), Peoria, Ill.
Plymouth Cordage Co., North Plymouth, Mass.
Rinek Cordage Co., Easton, Pa.
Rugg E. T. & Co., Newark, O.
St. Louis Cordage Mills ("Royal"), 1715 S 11th, St. Louis, Mo.
Tubbs Cordage Co., Kohl bldg, San Francisco, Cal.

17118— Yarn (Mop)

Eagle Cotton Mills Co., Madison, Ind.
Estes Mills, Fall River, Mass.
Grahamton Mfg. Co., Grahamton, Ky.
Hooper Wm. E. & Sons Co., Maryland Life bldg, Baltimore, Md.
Massasoit Mfg. Co., Fall River, Mass.
Mt. Vernon-Woodberry Mills, Cont. bldg, Baltimore, Md.
Richards Fred J., Springfield, Masss.
Southern Mills Corpn., Oxford, Ala.
Toohey M. J. & Co., Fall River, Mass.
Westport Mfg. Co., Westport, Mass
Yocona Mills, Water Valley, Miss.

17119— Yarn (Tarred)

American Mfg. Co., West, Brooklyn, N. Y.
Broderick & Bascom Rope Co., Main & Douglas, St. Louis, Mo.
COLUMBIAN ROPE CO., (Sisal), **3050** Genesee, Auburn, N. Y.
See adv index at end of book
Hooven & Alison Co. (Fodder, Lath, etc), Xenia, O.
Kelly R. A. Co., Xenia, O.
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
Schlichter Jute Cordage Co., 20 N Front, Phila, Pa.
Waterbury Co. 63 Park Row, New York

17119a— Yeast Mfrs.

Baird-Daniels Co., 143 W B'way, New York
Barber Horace Distilling Co., Warehouse Point, Conn.
Fleischmann Co., 427 Plum, Cincinnati, O.
National Distilling Co., ft 27th, Milwaukee, Wis.

17120—Yellow Metal (Cold Rolled)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Taunton-New Bedford Copper Co., Taunton, Mass.

17121—Yellow Metal (Polished)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Taunton-New Bedford Copper Co., Taunton, Mass.

17122—Yellow Metal (Sheet & Rod)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

17123— Yoke Ends

Williams J. H. & Co. (Drop Forged, Unfinished), 31 Richards, Brooklyn, N. Y. *See adv index at end of book*

17124— Yokes (Clip)

Upson Nut Co. (Wrought Iron & Plate), Cleveland, O.

17125— Yokes (Coupler)

Cambria Steel Co., Widener bldg, Philadelphia, Pa.
Kansas City Bolt & Nut Co. (Wrought Iron), Kansas City, Mo.
Keyoke Railway Equipment Co. ("Murray Keyoke"), Monadnock blk, Chicago, Ill

17126—Yokes (Draw Bar)

Buckeye Steel Castings Co., Columbus, O.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Steel Car Forge Co., Pittsburgh, Pa.

17127—Yokes (Pocket Coupler, Etc.)

Kansas City Bolt & Nut Co. (Wrought Iron), Kansas City, Mo.
Valley Forging Co., Verona, Pa.

17128—Yokes (Street Railway)

Davies & Thomas Co. (Cast Iron), Catasaqua, Pa.
Kansas City Bolt & Nut Co. (Wrought Iron), Kansas City, Mo.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.

17129— Zaffer

Drakenfeld B. F. & Co (Imp.), 50 Murray, New York
Harshaw, Fuller & Goodwin, Cleveland, New York & Philadelphia
Roessler & Hasslacher Chemical Co., 100 William, New York

17130— Zinc (Aluminized)

New Era Mfg. Co., Kalamazoo, Mich.

17130a— Zinc Arsenate

Thomsen Chemical Co., Munsey bldg, Baltimore, Md.

17130b— Zinc Blend

Northern Ore Co., Edwards, N. Y.

17131— Zinc Carbonate

Fuller, Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
Harshaw, Fuller & Goodwin, Cleveland, New York & Philadelphia
Wiarda Jno. C. & Co., 273 Greene, Brooklyn, N. Y.

17132— Zinc Chloride

American Alloys Co., American bldg, Baltimore, Md.
Bauer Philipp Co. (Im.), 68 Broad, New York
Butterworth-Judson Co., Passaic River, Newark, N. J.
Commercial Acid Co., Boatsman Bk bldg, St. Louis, Mo.
Electrolytic Zinc Co., Inc., 3 S William, New York *See adv index at end of book*
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
General Chemical Co., 25 Broad, New York
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Harshaw, Fuller & Goodwin, Cleveland, New York & Philadelphia
Innis, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*
Klipstein A. & Co. (Ammonium, Imp.), 644 Greenwich, New York
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Merrimac Chemical Co., 148 State, Boston, Mass.
New Jersey Zinc Co., 55 Wall, New York
Roesssler & Hasslacher Chemical Co., 100 William, New York
SANDOVAL ZINC CO. (In Liquid Form), 410 N Peoria, Chicago, Ill.

17132a— Zinc Chromate

Harshaw, Fuller & Goodwin, Cleveland, New York & Philadelphia

17133— Zinc Dust

American Metal Co., 61 B'way, New York
American Smelting & Refining Co., 120 B'way, New York
Arnold, Hoffman & Co., 55 Canal, Providence, R. I.
Ball Bros. Glass Mfg. Co., Muncie, Ind.
Beer, Sondheimer & Co., Inc. (Selling Agents, 61 B'way, New York
Bischoff C. & Co. (Imp.), 451 Washington, New York
Denver Fire Clay Co., Denver, Colo.
Fuerst Bros. & Co., 2 Stone, New York
Fuller Ralph L. & Co., Inc., 2 Rector, New York *See adv index at end of book*
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Harshaw, Fuller & Goodwin, Cleveland, New York & Philadelphia
Illinois Zinc Co., Peru, Ill.
Innis, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*
Klipstein A. & Co., 644 Greenwich, New York
Metals Disintegrating Co., 3 S William, New York
Mitsui & Co., (Japanese), 65 Broadway, New York
National Zinc Co., 61 B'way, New York
Rau Henry M., 130 Pearl, New York
Roessler & Hasslacher Chemical Co., 100 William, New York
United States Smelting Co., 120 B'way, New York
United Zinc Smelting Corp., 99 John, New York

17134— Zinc Mfrs.

American Zinc Products Co., Greencastle, Ind.
American Zinc, Lead & Smelting Co., 120 Broadway, New York
Ball Bros Glass Mfg. Co. (Strip & Slab), Muncie, Ind.
Bartlesville Zinc Co., 61 B'way, New York
Beer, Sondheimer & Co., Inc. (Selling Agents), 61 B'way, New York
Bertha Mineral Co., Pulaski, Va.
Collinsville Zinc Co., Collinsville, Ill.
Edgar Zinc Co., Security bldg., St. Louis, Mo.

ZINC MANUFACTURERS—continued

Empire Zinc Co., Denver, Colo.
Granby Mining & Smelting Co., St. Louis, Mo.
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Hegeler Bros., Danville, Ill.
Henryetta Spelter Co., Henryetta, Okla.
Illinois Zinc Co. (Sheet, etc), Peru, Ill.
Lanyon Robt. Zinc & Acid Co., Hillsboro, Ill.
Lanyon-Star Smelter Co., Bartlesville, Okla.
Matthiessen & Hegeler Zinc Co., La Salle, Ill.
Mineral Point Zinc Co., 140 S Dearborn, Chicago, Ill.
Missouri Zinc Co., Beckemeyer, Ill.
National Zinc Co., 61 B'way, New York
New Jersey Zinc Co., 55 Wall, New York
Pittsburg Zinc Co., Pittsburg, Kan.
Platt Bros. & Co. (Cold Rolled), Waterbury, Conn.
Prime Western Spelter Co., Gas, Kansas
SANDOVAL ZINC CO., 410 N Peoria, Chicago, Ill.
Tulsa Fuel & Mfg. Co., Collinsville, Okla.
United States Zinc Co., Pueblo, Colo.
United Zinc Smelting Corp., 99 John, New York

17135—Zinc (Nickeled, Brassed & Coppered)

Rothschild M., 207 Norman av, Brooklyn, N. Y.

17136—Zinc-Nickelized Sheet

National Sheet Metal Co., Peru, Ill.

17136a— Zinc Oxide

See also Oxide of Zinc

HARSHAW FULLER & GOODWIN COMPANY
CLEVELAND NEW YORK PHILADELPHIA

17137—Zinc Plates for Boilers

American Zinc Products Co., Greencastle, Ind.
Ball Bros. Glass Mfg. Co., Muncie, Ind.
Hazel Atlas Glass Co., Wheeling, W. Va.
Matthiessen & Hegeler Zinc Co., La Salle, Ill.
Phillips E. & Sons, South Hanover, Mass.

17137a— Zinc Resinate

Harshaw, Fuller & Goodwin, Cleveland, New York & Philadelphia

17138— Zinc Salts

Harshaw, Fuller & Goodwin, Cleveland, New York & Philadelphia
Thomsen Chemical Co., Munsey bldg, Baltimore, Md.

Zinc Shavings

See Shavings, Zinc

17139— Zinc (Sheet)

American Zinc Products Co., Greencastle, Ind.
Ball Bros. Mfg. Co., Muncie, Ind.
Hazel Atlas Glass Co., Wheeling, W. Va.
Illinois Zinc Co., Peru, Ill.
Matthiessen & Hegeler Zinc Co., La Salle, Ill.
MERCHANT & EVANS CO., 2035 Washington av, Philadelphia, Pa.
See adv index at end of book
Metal Products Co., Inc., 100 S Jefferson, Chicago, Ill. *See adv index at end of book*

ZINC
SHEETS, SPELTER, ANODES
METAL PRODUCTS CO.
100 South Jefferson Street, Chicago, Ill.

National Sheet Metal Co. (Tombac Special Plated & Polished), Peru, Ill.
North American Copper Co., 52 Vanderbilt av, New York
Smith & McCorken, Inc., 407-409 E 18th, New York
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
See adv index at end of book

17140— Zinc Specialties

Bryant Mfg. Co. (Of All Kinds), 456 W Ontario, Chicago, Ill.
Bryant Zinc Co. (Of All Kinds), 600 Orleans, Chicago, Ill.

17140a— Zinc Strips

American Zinc Products Co., Greencastle, Ind.
Hazel Atlas Glass Co., Wheeling, W. Va.
Illinois Zinc Co., Peru, Ill.
New Jersey Zinc Co. (Rolled), 55 Wall, New York
United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
See adv index at end of book

Zinc Sulphate

See Sulphate of Zinc

17141— Zinc Sulphide

Fezandie Felix (Imported), 205 Fulton, New York
Katzenbach & Bullock Co., 100 William, New York

17142— Zinc (White)

See also Oxide of Zinc

French Sam'l H. & Co. (Dealers & Grinders), 4th & Callowhill, Phila., Pa.
Harshaw, Fuller & Goodwin Co., Cleveland, New York & Philadelphia
LEAVITT C. W. & CO., 34 Church, New York *See adv index at end of book*
Mineral Point Zinc Co., 140 S Dearborn, Chicago, Ill. Works: Mineral Point, Wis.
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
New Jersey Zinc Co. (French Process), 55 Wall, New York

17143— Zincs (Battery)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Ball Bros. Glass Mfg. Co., Muncie, Ind.
Beattie Zinc Works Co., Reading, Mass.
Brady Brass Co., 170 14th, Jersey City, N. J.
Bryant Mfg. Co. (All Patterns), 456 W Ontario, Chicago, Ill.
Bunnell J. H. & Co., 32 Park pl, New York
Bryant Zinc Co., 600 Orleans, Chicago, Ill.
Edes Mfg. Co., Plymouth, Mass.
Fox John M. & Co., Portland, Me.
Grasselli Chemical Co. ("Franklin"), Guardian bldg, Cleveland, O.
Illinois Zinc Co., Peru, Ill.
Manhattan Electrical Supply Co., 17 Park pl, New York
See adv index at end of book
Matthiessen & Hegeler Zinc Co. ("Leclanche" Battery Bars), La Salle, Ill.
Merchant & Evans Co., 2035 Washington av, Philadelphia, Pa.
See adv index at end of book
National Carbon Co., Madison av, N W & W 17th, Cleveland, O.
Pacific Metal Works, 153 1st, San Francisco, Cal.
Phillips E. & Sons, South Hanover, Mass.
Platt Bros. & Co., Waterbury, Conn.
Railroad Supply Co., 203 S Dearborn, Chicago, Ill.
Samson Elec. Co., 146 Samson, Canton, Mass.
Slack Ben F. Brass Mfg. Co., Denver, Colo.
Strong, Carlisle & Hammond Co., 336 Frankfort av N W, Cleveland, O.
Waterbury Battery Co., Waterbury, Conn.
Western Electric Co., 500 S Clinton, Chicago, Ill., & 463 West, New York

17144— Zirconia

FOOTE MINERAL CO., 107 N 19th, Phila., Pa.

17144a—Zirconium (Metallic)

Foote Mineral Co., 109 19th, Phila., Pa.
Pfanstiehl Co., N. Chicago, Ill.

17145— *Zobos (Wood)

Estes E. B. & Sons, 364 5th av, New York
See adv index at end of book
Shalita Bros., 268 South, New York

When writing to firms listed in this Book please mention
Hendricks' Commercial Register
IT WILL BE OF MUTUAL BENEFIT

TRADE NAMES

The following is a list of the important Trade Names, Brands, etc., which are shown under the various classifications in Hendricks' Commercial Register with the exception of Automobile Trade Names which will be found on page 60.

This list is included for the purpose of furnishing a Ready Reference for Purchasing Agents and Prospective Buyers to the useful matter contained in the parentheses following many of the names, and which has always been a distinctive feature of the work.

Although no responsibility can be assumed for the information contained herein, every effort has been made to insure its correctness and the publishers would be pleased to receive any information or suggestions which would add to its value.

For kindred classifications, see "Index to Classifications."

PATENT ATTORNEYS

MASON, FENWICK & LAWRENCE

Washington, D. C.

New York Chicago

TRADE MARKS

REGISTERED

A. adjustable wrenches—Frank Mossberg Co., Attleboro, Mass.
A. automobile & car builders' wrenches—Armstrong Bros. Tool Co., 339 N Francisco av, Chicago, Ill.
A. cotton twine—Estes Mills, Fall River, Mass.
A. lawn mowers—Phila. Lawn Mower Co., 31st & Chestnut, Phila., Pa.
A. A. paint oils—Alcatraz Co., Inc., Richmond, Va.
A. A. A. saw clamps—E. C. Atkins & Co., Indianapolis, Ind.
A. B. arc lamps—Adams-Bagnall Electric Co., Cleveland, Ohio
A. B. furniture, metal & stove polish—A. B. Polish Co., 1515 Haddon av, Chicago, Ill.
A. B. motor fire engines—American British Mfg. Co., Providence, R. I.
A. B. C. beam clamps—Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
A. B. C. bearing balls—Abbott Ball Co., Elmwood Sta., Hartford, Conn.
A. B. C. belt fasteners—Kerr & Co., 114 Liberty, New York
A. B. C. boiler compounds—J. H. Parsons, 122 S Michigan av, Chicago, Ill.
A. B. C. brushes, bath room mirrors, etc.—Ames, Bonner Co., Toledo, Ohio
A. B. C. cement coatings—Universal Compound Co., 2 Rector, New York
A. B C. chain—American Ball Chain Works, 12 Wooster, New York.
A. B. C. combination & protractor squares—Crookston Tool Co., Crookston, Minn.
A. B. C. electric washing machines—Luthy & Co., Peoria, Ill.
A. B. C. fans—American Blower Co., 1400 Russell, Detroit, Mich.
A. B. C. fire hose reels—Cliff & Guibert Co., 460 W. Broadway, New York
A. B. C. high speed steel—Darwin & Miner, 281 Water, New York
A. B. C. life preservers & rafts—Welin Marine Equipment Co., 305 Vernon av, Long Island City, N. Y.
A. B. C. pattern boards—C. B. Hewitt & Bros., 49 Beekman, New York
A. B. C. pipe hangers—Fel & Mason, 81 Beekman, New York City.
A. B. C. second hand bags—Atlantic Bag Co., 243 Water, New York
A. B. C. shoveling & end gate boards—A. B. Clippinger & Son Mfg. Co., Kansas City, Kan.
A. B. C. waterproofing materials—Universal Compound Co., 2 Rector, New York
A. B. Co. ball bearings—Ahlberg Bearing Co., 2636 Michigan av, Chicago, Ill.
A. B. Trumpet automobile horns—Adams-Bagnall Electric Co., Cleveland, O.
A. C. cut-off couplings, clutch pulleys, variable speed motors—Allis-Chalmers Mfg. Co., Milwaukee, Wis.
A-C hinges—Arcade Mfg. Co., Freeport, Ill.
A. C. spark plugs—Champion Ignition Co., Flint, Mich.
A. C. Co. cattle stanchions, ensilage cutters—Automatic Carrier Co., Juneau, Wis.
A. C. & D. C. motor starters, rheostats, resistance units—Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.
A-F coal conveyors—Allis-Chalmers Mfg. Co., Milwaukee, Wis.
A-F telescopic hoists—Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, Ohio
A. G. horse back bands—Couch Bros. Mfg. Co., Atlanta, Ga.
A. H. FOX guns—A. H. Fox Gun Co., 700 N. 18th, Phila., Pa.
A-H-L oak flooring—Arpin Hardwood Lumber Co., Grand Rapids, Mich.
A. H. R. bowling balls—American Hard Rubber Co., 9 Mercer, New York
A. I. E. foundry riddles—Waterbury Welding Co., Waterbury, Conn.
A. J. AUBREY shot guns—Meriden Fire Arms Co., Meriden, Conn.
A. J. W. & Co. breast drills—A. J. Wilkinson & Co., 184 Washington, Boston, Mass.
A. L. Golusha gas producers—Nelson Blower & Furnace Co., L. & Elkins, Boston, Mass.
Al-LECTRO metal polish—L. B. Allen Co., 4519 N. Lincoln, Chicago, Ill.
A. M. babbitt metal—Allen-Murphy Co., 125 W. 46th pl, Chicago, Ill.
A. M. shade holders—Art Metal Mfg. Co., E. 61st & Curtis av, Cleveland, O.
A. M. B. manganese bronze ingots, etc.—American Manganese Bronze Co., 3501 Rhawn, Phila., Pa.
A-M-C insulating compounds—American Mica Co., Newton Lower Falls, Mass.
A. M. C. spring calipers & dividers—Athol Machine Co., Athol, Mass.
A. O. C. belt dressing—American Oil Co., 180 So. Water, Providence, R. I.
A-O-K furniture polish—Ulrich & Co., 363 E. North, Buffalo, N. Y.
A-1 automobile trunk racks—Sargent & Ham Co., 26 Bowker, Boston, Mass.
A-1 cotton plntg. drills—Moline Plow Co., Moline, Ill.
A-1 fire hose—Empire Tire & Rubber Co., East Trenton, N. J.
A-1 leather kraft paper—Union Paper & Twine Co., 125 St. Clair av, N. W., Cleveland, O.
A-1 metal polish—Chas. H. Rath Co., Columbia & Hancock, Phila., Pa.
A. P. enamels—Atlas Paint Co., Nashville, Tenn.
A. P. C. centrifugal fans—American Blower Co., 1412 Russell, Detroit, Mich.
A. P. M. asbestos protected roofing—Asbestos Protected Metal Co., Beaver Falls, Pa.
A. P. W. toilet paper holders—A. P. W. Paper Co., Albany, N. Y.
A. R. R. C. ball cocks & bath & basin traps—Union Metal Works, Chelsea, Mass.
A. S. & W. electrical testing instruments—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
A. to Z. furntre plsh.—Alcatraz Co., Richmond, Va.

A-W cements—Asabel Wheeler Co., 58 High, Boston, Mass.
A. W. steel sheets, range boiler steel, floor plates, etc.—Alan Wood Iron & Steel Co., Widener bldg, Phila., Pa.
A. Y. A. sheet packing—Adkins, Young & Allen Co., 561 Wash. blvd., Chicago, Ill.
A.-Z. metal automobile seats—A. Z. Co., 527 W. 56th, New York
A. & B. blasting powder—du Pont deNemours & Co., E. I., Wilmington, Del.
A. & B. gasoline engines—American & British Mfg. Co., Bridgeport, Conn.
A. & E. ore concentrators—Colorado Iron Works Co., Denver, Colo.
A. & J. egg & cream beaters, fruit & vegetable slicers, potato mashers—A. & J. Mfg. Co., Binghamton, N. Y.
A. & W. electric illuminated signs—A. & W. Electric Sign Co., Cleveland, Ohio
AAMCOLOSE dextrine, starch—C. M. Boley Co., 3722 N. Randolph, Phila., Pa.
ABACOT static discharges—Lord Mfg. Co., 105 W. 40th, New York
ABACUS fire doors—Kinnear Mfg. Co., Columbus, Ohio
ABBE grinding & crushing mills—Beach-Russ Co., 220 Broadway, New York
ABBE refractometers—Bausch & Lomb Optical Co., Rochester, N. Y.
ABBOTT pipe couplings—Columbus Brass Co., Columbus, Ohio
ABBOTT pipe hangers—Victor Supply Co., Springfield, Ohio
ABBOTT railjoint plates—Lackawanna Steel Co., Buffalo, N. Y.
ABBOTT steel balls, burnishing machines, tumbling barrels—Abbott Ball Co., Elmwood Station, Hartford, Conn.
ABBOTT valve reseating tools—Abbott Hardware Co., 636 Columbus av, New York
ABBOTT valve & service boxes—N. P. Bowsher Co., South Bend, Ind.
ABCO automobile tire holders—Auto Brass Mfg Co., 56 Friendship, Providence, R. I.
ABELL distance recording meters—Sibley & Pitman, 19 W. 36th, New York
ABENAQUE gas compressors, traction engines—Abenaque Machine Works, Westminster Station, Vt.
A-BEST-O electric sad irons, Dover Mfg. Co., Canal Dover, O.
ABINGDON farm wagons & trucks—Abingdon Wagon Co., Abingdon, Ill.
AB-LU-ENT paint & varnish remover—Detroit White Lead Works, Detroit, Mich.
ABNER acetylene gas machines—Krein Mfg. Co., Wapakoneta, Ohio
ABNEY levels—Taylor Instrument Companies, Rochester, N. Y.
ABNEY'S levels—Keuffel & Esser Co., Hoboken, N. J.
ABOLITE enameled steel reflectors—Adams-Bagnall Elec. Co., Cleveland, O.
ABORALL canned goods—Otoe Food Products Co., Nebraska City, Nebr.
ABRAM tube cleaners—A. W. Chesterton Co., 64 India, Boston, Mass.
ABRAMS boiler flue & tube cleaners—Pilley Flue Brush Co., 601 S 3rd, St. Louis, Mo.
ABRAMS steel wire brushes—F. W. Browne, Farmington, N. H.
ABRAMS tube brush cleaners—Newark Brush & Scraper Co., 266 Fabyan pl, Newark, N. J.
ABSOLUTE lock-nuts & washers—American Lock Nut Co., 10600 Corliss av, Chicago, Ill.
ABSORBIT dustless dust cloths—F. C. Hanson, Southbridge, Mass.
ABSORBO dustless dust cloths—Chicago Feather Duster Co., 816 Fulton, Chicago, Ill.
ABYSSINIUM carriage top dressing—Chicago Varnish Co., 2100 Elston av, Chicago, Ill.
ACCURATE chemical fire engines & fire extinguishers—National Metal Stamping Mfg. Co., 494 Mulberry, Newark, N. J.
ACETIC suction hose—Electric Hose & Rubber Co., 12th & Deere, Wilmington, Del.
ACHESON dry battery fillers, lubricating oils & greases Acheson Graphite Co., Niagara Falls, N. Y.
ACIMET acid valves—Cleveland Brass Mfg. Co., 4606 Hamilton, Cleveland, Ohio
ACIPRUF acid proof cements—Chemical Construction Co., Charlotte, N. C.
ACKERMAN automobile wind shields—Jos. N. Smith & Co., Detroit, Mich.
ACKLEY electric car brakes—National Brake Co., Buffalo, N. Y.

ACME adjustable expanding dies—American Tap & Die Co., Greenfield, Mass.
ACME air valves—James P. Marsh Co., 118 S. Clinton, Chicago, Ill.
ACME air washers—Iroquois Engineering Co., 343 S. Dearborn, Chicago, Ill.
ACME aluminum solder—Universal Fluxine Co., Urbana, Ohio
ACME annunciators—Moon Mfg. Co., 122 N. Jefferson, Chicago, Ill.
ACME asbestos pipe coverings & cold water paints—Acme Asbestos Covering & Supply Co., 404 N. Ada, Chicago, Ill.
ACME asparagus bunchers—Johnson Mfg. Co., 103 N. Front, Phila., Pa.
ACME automobile jacks—Spencer's P. S. Sons (Inc.), Guilford, Conn.
ACME baling presses—G. D. Colton & Co., Galesburg, Ill.
ACME battery switches—Reliable Electric Co., 411 S. Sangamon, Chicago, Ill.
ACME bed & furniture casters, can openers, etc.—Schatz Mfg. Co., Poughkeepsie, N. Y.
ACME binder covers, cattle stanchions, corn binders, grass mowers, sickle grinders, etc.—Acme Harvestering Machine Co., Peoria, Ill.
ACME blackboard surfacing material—American Seating Co., 14 E. Jackson blvd, Chicago, Ill.
ACME boiler compounds—Indianapolis Chemical Co., 1444 Madison ave, Indianapolis, Ind.
ACME boiler compounds—Star Oil Co., 440 N. Halsted, Chicago, Ill.
ACME boiler compounds—Warren & Bailey Mfg. Co., Los Angeles, Cal.
ACME bolts, scrapers, anchor, clevises, drop forgings, yacht hooks, wheels, winches, calking chisels, boat cleats, shackles, links, etc.—Marine Hardware-Equipment Co., South Portland, Me.
ACME box straps, tin & lead slats, pail clasps, steel mats & stapling wire—Acme Steel Goods Co., 2834 Archer ave., Chicago, Ill.
ACME brake slack adjusters & pipe clamps—Western Railway Equipment Co., Central National Bank bldg., St. Louis, Mo.
ACME buffing compositions—Hanson & Van Winkle Co., 269 Oliver, Newark, N. J.
ACME buffing motors—Dilg Mfg. & Trading Co., 401 E. 163rd, New York.
ACME calendar pads—Southgate Press, 87 Broad, Boston, Mass.
ACME can openers—Goodell Co., Antrim, N. H.
ACME car diaphragms & curtain rollers—Acme Supply Co., 28 E. Jackson blvd, Chicago, Ill.
ACME catch basins, cesspools, coal hole covers & sewer inlets—Madison Foundry Co., Cleveland, O.
ACME cement wood fibre plaster—Acme Cement Plaster Co., Frisco bldg., St. Louis, Mo.
ACME chain hoists—Franklin Moore Co., Winsted, Conn.
ACME clod crushers—Duane H. Nash, Millington, N. J.
ACME closet elbows, floor drains, grease traps—Compound Injector & Specialty Co., 419 N. Laramie ave, Chicago, Ill.
ACME closet seats—Wm. S. Emery, 118 E. 28th, New York
ACME coal drills—Pettigrew Foundry Co., Harvey, Ill.
ACME coal tar products—Warren Bros. Co., 142 Berkeley, Boston, Mass.
ACME cobblers' outfits & shoe lasts & stands—Root-Heath Mfg. Co., Plymouth, Ohio
ACME coffee roasters—Atsatt Bros., Mattapoisett, Mass.
ACME cold-saw cutting-off machines, hand tapping machines—Hub Machine Welding & Contracting Co., 22nd & Race, Phila., Pa.
ACME cold water paints, asbestos pipe & boiler coverings—Acme Asbestos Covering & Supply Co., 404 N. Ada, Chicago, Ill.
ACME concrete cars & road spreading carts—Acme Equipment & Engineering Co., Garfield bldg., Cleveland, Ohio
ACME core making machines—Berkshire Mfg. Co., Whitney Power blk., Cleveland, Ohio
ACME corkboard insulation, cork washers, life preservers—Armstrong Cork Co., Pittsburgh, Pa.
ACME corn hooks—American Fork & Hoe Co., Cleveland, Ohio
ACME cotton mops—Estes Mills, Fall River, Mass.
ACME cotton rope—Anniston Cordage Co., Anniston, Ala.
ACME cultivators—Fairbanks Co., Springfield, Ohio
ACME diaphragm pumps—W. & B. Douglas, Middletown, Conn.

ACME dinner pails—National Enameling & Stamping Co., 411 5th av, New York
ACME door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
ACME drilling machine vises—Lueck Mfg. Co., Enterprise bldg., Milwaukee, Wis.
ACME dry batteries—Nungesser Carbon & Battery Works of Natl. Carbon Co., 1170 E. 38th, Cleveland, Ohio
ACME duck decoys—Canvass Decoy Co., Union City, Tenn.
ACME engine & machine oilers—Wm. Vogel & Bros., 37 S. 9th, Brooklyn, N. Y.
ACME farm wagons & auto truck trailers—Acme Wagon Co., Emigsville, Pa.
ACME faucet filters—Seed Filter & Mfg. Co., 73 Franklin, New York
ACME fire box locomotive boilers—Titusville Iron Co., Titusville, Pa.
ACME fire extinguishers—Missouri Lamp & Mfg. Co., 114 Elm, St. Louis, Mo.
ACME floor scraping machines, floor surfacing machines & mitre gauges—Jos. Miotke, 144 Clinton, Milwaukee, Wis.
ACME fly traps—Reynolds Wire Co., Dixon, Ill.
ACME folding door telephone cabinets—Acme Cabinet Co., 116 W. 32d, New York
ACME foot grinders—Tri-Angle Mfg. Co., Freeport, Ill.
ACME fry pans & clothes line pulleys—New York Stamping Co., N. 11th & Ferry, Brooklyn, N. Y.
ACME gasolene water heaters—Acme Specialty Mfg. Co., Toledo, Ohio
ACME gas radiators & gas & oil stove ovens—H. Adler Co., Carnegie, Pa.
ACME gauge cocks & sight feed lubricators—McRae & Roberts Co., 227 Campbell av, Detroit, Mich.
ACME grapple forks—J. E. Porter Co., Ottawa, Ill.
ACME grass catchers—Philadelphia Lawn Mower Co., 3107 Chestnut, Philadelphia, Pa.
ACME hack saw machines—West Haven Mfg. Co., West Haven, Conn.
ACME hammock—D. W. Shoyer & Co., 394 Broadway, New York.
ACME hand corn planters—Potato Imple. Co., Traverse City, Mich.
ACME hand riveting machines—A. C. Williams Co., Ravenna, Ohio.
ACME harness snaps—Frazer & Jones Co., Syracuse, N. Y.
ACME hose sprinklers—Elkhart Brass Mfg. Co., Elkhart, Ind.
ACME hosiery knitting machines—Acme Knitting Machine & Needle Co., Franklin, N. H.
ACME hot water & steam heaters—American Radiator Co., 830 S. Michigan ave, Chicago, Ill.
ACME ice cream freezers—Acme Freezer Co., 309 Green, Phila., Pa.
ACME improved plow coulters—Hartman Mfg. Co., Vincennes, Ind.
ACME instantaneous water heaters — Instantaneous Water Heating Co., Kalamazoo, Mich.
ACME insulating tape—General Electric Co., Schenectady, N. Y.
ACME jacks—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.
ACME kitchen knives—W. G. Browne Mfg. Co., Kingston, N. Y.
ACME lamp glass chimneys—Gill Bros. Co., Steubenville, Ohio
ACME lawn mowers—Whitman & Barnes Mfg. Co., Akron, Ohio
ACME liquid & paste polish—Acme Polish Co. (Ltd.), 71 12th, Pittsburgh, Pa.
ACME low water alarms—Chicago Engineer Supply Co., 68 W. Lake, Chicago, Ill.
ACME lumber crayons—American Crayon Co., Sandusky, Ohio
ACME metallic shingles—Messenger & Parks Mfg. Co., Aurora, Ill.
ACME neck yoke centers—Pioneer Pole & Shaft Co., Piqua, Ohio
ACME nestable culverts—Dominion Metal Product Co., Roanoke, Va.
ACME nestable culverts—Florida Metal Products Co., Jacksonville, Fla.
ACME oil cans—Dover Stamping & Mfg. Co., Cambridge, Mass.
ACME oil cup lubricators—American Lubricator Co., Detroit, Mich.
ACME oil filters—Walter L. Flower Co., 307 S. 8th St., St. Louis, Mo.
ACME paint and varnish remover—Acme White Lead & Color Works, Detroit, Mich.
ACME paper cutting machines—Child Acme Cutter & Press Co., 184 Summer, Boston, Mass.
ACME patent rat & mouse traps—Shann Mfg. Co., Middletown, N. Y.
ACME pierced wheels—E. Reed Burns, 27 Jackson, Brooklyn, N. Y.
ACME pipe clamps—Adreon Mfg. Co., Security bldg., St. Louis, Mo.
ACME pipe turnbuckles—Marine Hardware Equipment Co., S. Portland, Me.
ACME plate & cutlery polish—Dilg Mfg. & Trading Co., 401 E. 163rd, New York.
ACME platers' compounds—Geo. Zucker Co., 202 Emmett, Newark, N. J.
ACME plating barrels—Klauder-Weldon Machine Co., Amsterdam, N. Y.
ACME pliers & nippers—Higganum Hdw. Co., Higganum, Conn.
ACME polished steel shafting—Republic Iron & Steel Co, Youngstown, Ohio
ACME portable grain elevators—Fleming & Sons Mfg. Co., Huntville, Mo.
ACME potato diggers & planters—Potato Implement Co., Traverse City, Mich.
ACME power mills—G. S. Bell Co., Hillsboro, Ohio.
ACME pulverizers—Duane H. Nash, Millington, N. J.
ACME radiator shields—W. H. Johnson & Son Co., 330 E. St. Joseph, Indianapolis, Ind.
ACME rail braces—Bethlehem Steel Co., South Bethlehem, Pa.
ACME rapping plates—H. W. Knight & Son, Seneca Falls, N. Y.
ACME reinforcing bar benders—Chicago Builders Specialties Co., Old Colony bldg., Chicago, Ill.
ACME removable screw calks—James Reynolds Mfg. Co., New Haven, Conn.
ACME rollers & fixtures—Acme Supply Co., 28 E. Jackson blvd, Chicago, Ill.
ACME roof flanges & flashings, pipe clamps & hangers —Acme Mfg. Co., Bangor, Me.
ACME row-locks—Wilcox, Crittenden & Co., Middletown, Conn.
ACME rubber sheet packing—Acme Rubber Mfg. Co., Trenton, N. J.
ACME safety fuse—du Pont de Nemours & Co., E. I. Wilmington, Del.
ACME sash ribbon—Caldwell Mfg. Co., Rochester, N. Y.
ACME scales—Drunner Foundry & Mfg. Co., Peru, Ill.
ACME screw pitch gauges—Brown & Sharpe Mfg. Co., Providence, R. I.
ACME screw plates & stocks & dies—American Tap & Die Corp., Greenfield, Mass.
ACME sewer, tide & back water traps—Boston Brass Co., 135 Bacon, Waltham, Mass.
ACME shears & scissors—Acme Shear Co., Bridgeport, Conn.
ACME shoveling & end gate boards—Beggs Wagon Co., 1900 Guinotte ave., Kansas City, Mo.
ACME shutter hinges, self oiling pulleys—Wrightsville Hardware Co., Wrightsville, Pa.
ACME soft center plow steel — Moline Plow Co., Moline, Ill.
ACME soil pipe testing plugs—Clark Bros., 218 S. 12th, Philadelphia, Pa.
ACME spray nozzle—Deming Co., Salem, Ohio
ACME steam & hot water heaters—Wm. Bartley & Sons, Bartley, N. J.
ACME tank heaters—Cedar Rapids Pump Co., Cedar Rapids, Ia.
ACME thread gauges—Browne & Sharpe Mfg. Co., Providence, R. I.
ACME vacuum heating valves—Acme Engineering Co., 1132 Washington blvd., Chicago, Ill.
ACME vestibule rollers & weather strips—Acme Supply Co., 28 E. Jackson blvd., Chicago, Ill.
ACME wall mills—Wrightsville Hardware Co., Wrightsville, Pa.
ACME weather strips—Robbins Mfg. Co., 1815 N. Central Park ave., Chicago, Ill.
ACME windmill regulators—Walker Mfg. Co., Council Bluffs, Ia.
ACME wire poultry netting—Eureka Fence Mfg. Co., Richmond, Ind.
ACME wood garden hose reels—Cardington Cabinet Co., Cardington, Ohio.
ACME wood handle spoons—Potter Mfg. Co., Geneva, Ohio.
ACME woven wire brushes—Thompson-Bonney Co., 45 York, Brooklyn, N. Y.
ACME HANDY mitre gauges—Jos. Mitske, 144 Clinton, Milwaukee, Wis.
ACME KING binder attachments—Acme Harvestering Machine Co., Peoria, Ill.
ACMETYLE sanitary flooring—Acme Asbestos Covering & Supply Co., 404 N. Ada, Chicago, Ill.
ACORN babbitt metal—A. W. Cadman Mfg. Co., 2816 Smallman, Pittsburgh, Pa.

ACORN belting—Graton & Knight Mfg. Co., Worcester, Mass.
ACORN calcined plaster—Grand Rapids Plaster Co., Grand Rapids, Mich.
ACORN carbureters—Generator Valve Co., 296 Taaffe pl., Brooklyn, N. Y.
ACORN carriage wheels—Crane & MacMahon, 10 Bridge, New York.
ACORN die heads, spring dies—Greenfield Tap & Die Corp., Greenfield, Mass.
ACORN drill & tool steel—Swedish Iron & Steel Corp., 12 Platt, New York
ACORN match safes—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
ACORN oak flooring—Nashville Hardwood Flooring Co., Nashville, Tenn.
ACORN oil cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, O.
ACORN screen door hinges — Columbian Hardware Co., Cleveland, O.
ACORN stoves—Rathbone, Sard & Co., Albany, N. Y.
ACORN ventilators—Messenger & Parks Mfg. Co., Aurora, Ill.
ACORN water filters—T. Linke, 235 W. 46th, New York.
ACTINOLITE roof paving compound—M. W. Powell Co., 140 S. Dearborn, Chicago, Ill.
ACTIVE boiler graphite feeder—Lunkenheimer Co., Beekman & Waverley, Cincinnati, O.
ACTIVE hot air furnaces—Thomas Roberts Stevenson & Co., American & Dauphin, Philadelphia, Pa.
ACTIVE oil & grease cups—H. B. Sherman Mfg. Co., Battle Creek, Mich.
ADAMANT board & wall plaster, wall finish—U. S. Gypsum Co., 205 W. Monroe, Chicago, Ill.
ADAMANT varnish—Mayer & Loewenstein, 164 Water, New York.
ADAMANT NO. XXX white trowel plaster—U. S. Gypsum Co., 205 W. Monroe, Chicago, Ill.
ADAMANTIAN wood fillers—O'Brien Varnish Co., South Bend, Ind.
ADAMANTILE mosaic ceramic floor tile—National Mosaic Flooring Co., Mobile, Ala.
ADAMANTINE dies & taps—American Tap & Die Co., Greenfield, Mass.
ADAMANTOSE drinking fountains—Jas. B. Clow & Sons, Franklin & Harrison, Chicago, Ill.
ADAMITE packing—Consolidated Packing & Supply, 21 Barclay, New York
ADAMMITE dies—Pittsburgh Iron & Steel Foundries Co., Midland, Pa.
ADAMS paper bags—Adams Bag Co., 1900 Euclid av, Cleveland, O.
ADAMS bolt threading machines—Detrick & Harvey Machine Co., 508 E. Preston, Baltimore, Md.
ADAMS bone mills—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.
ADAMS corn huskers—Leo Rumley Tractor Co., La Porte, Ind.
ADAMS crayon & pencils—D. C. Adams Crayon Co., 121 Market, St. Louis, Mo.
ADAMS equalizers & neck yokes—E. B. Adams & Son, Racine, Wis.
ADAMS gas engines—Advance-Rumely Co., La Porte, Ind.
ADAMS grate bar—Daugherty Foundry Co., Allentown, Pa.
ADAMS grate bar—Edw. Sellers, Lewisburg, Pa.
ADAMS sad iron heaters—Adams Co., Dubuque, Ia.
ADAMS seamless drawing tubing—American Tube Works, 10 Oliver, Boston, Mass.
ADAMS snow shovels—B. W. Aldrich & Co., Wallingford, Vt.
ADAMSON rubber mill machinery—Adamson Machine Co., Akron, O.
ADAPTABLE incandescent lamp replacers—McGill Mfg. Co., 77 Oak, Valparaiso, Ind.
ADAPTER power sprayer—Deming Co., Salem, O.
ADAPTI junction boxes—Adapti Mfg. Co., 919 West, Cleveland, Ohio
ADDIE fuse testers—Electric Specialty Co., Cresco, Ia.
ADDIS style wood carving tools—Mack & Co., Rochester, N. Y.
AD-EL-ITE enamels, shingle stains—Adams & Elting Co., 726 W. Washington, Chicago, Ill.
ADEN grab buckets—Advance Engineering Co., Metta av, Cleveland, O.
ADELL automobile jacks—Adell Mfg. Co., Orange, Mass.
AD-EL-LAC wood stains—Adams & Eleting Co., 726 W. Washington, Chicago, Ill.
ADIRONDACK row locks—Wilcox, Crittenden & Co., Middletown, Conn.
ADJUST air valves—Bogardus Nelson Co., Marshalltown, Ia.
ADJUSTAPHONE desk telephone brackets—Galesburg Writing Machine Co., Galesburg, Ill.
ADJUSTO pipe sleeves—Beaton & Corbin Mfg. Co., Southington, Conn.
ADJUSTO roof flanges—Adjusto Specialty Co., Springfield, Mass.
ADJUSTOGLAS goggles—Strong, Kennard & Nutt Co., 2044 E. 9th, Cleveland, Ohio
ADMIRAL boat anchors—Columbia Steel Co., San Francisco, Cal.
ADMIRAL cotton hose—Acme Rubber Mfg. Co., Trenton, N. J.
ADMIRAL hot water & steam heaters—Boynton Furnace Co., 106 W. 37th, New York.
ADMIRAL lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.
ADMIRAL oil cup lubricators—American Lubricator Co., Detroit, Mich.
ADMIRAL packing—Mulconroy Co., 54th & Jefferson, Philadelphia, Pa.
ADMIRAL rowboat motors—Affiliated Mfrs. Co., 114 Grand, Milwaukee, Wis.
ADMIRALTY condenser tubing—American Brass Co., Waterbury, Conn.
ADREON-MORSE ratchet wrenches—Adreon Mfg. Co., Security bldg., St. Louis, Mo.
ADRIAN woven wire fences—Adrian Wire Fence Co., Adrian, Mich.
ADRIANCE binders, harvesters, mowers, sulky hay rakers, reapers—Moline Plow Co., Moline, Ill.
ADRO metal polish—Adro Co., 247 Pearl, New York
ADSCO gauges, pipe receivers, valves—American District Steam Co., No. Tonawanda, N. Y.
ADT automatic wire straightening & cutting machines—John Adt & Son, New Haven, Conn.
ADVANCE ensilage cutters, clod crushers, grain weighers, threshers, stockers, separators, corn huskers & compound & traction engines—Leo Rumley Tractor Co., La Porte, Ind.
ADVANCE automobile & cushion springs—Jackson Cushion Spring Co., Jackson, Mich.
ADVANCE axle grease, belt dressing, etc.—American Oil Corp., Jackson, Mich.
ADVANCE babbitt metal—U. S. Reduction Co., E. Chicago, Ind.
ADVANCE bean & pea cleaners—J. E. Owens Co., Minneapolis, Minn.
ADVANCE bean & pea cleaners—C. O. Tinkhan, Akron, N. Y.
ADVANCE brushes—Manufacturers Brush Co., 1958 W. 45th, Cleveland, Ohio.
ADVANCE concrete mixers — Lansing Co., Lansing, Mich.
ADVANCE corn & cob mills—Marseilles Co., East Moline, Ill.
ADVANCE cotton rope—Anniston Cordage Co., Anniston, Ala.
ADVANCE cupel machines, hydro-carbon burners, sample ore grinder—Calkins Co., Los Angeles, Cal.
ADVANCE currycombs—Wisconsin Metal Products Co., Racine, Wis.
ADVANCE door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
ADVANCE drill chucks—Silver Mfg. Co., Salem, Ohio.
ADVANCE ensilage & fodder cutters—Doylestown Agricultural Co., Doylestown, Pa.
ADVANCE feed & hay carriers—Olson Mfg. Co., Albert Lea, Minn.
ADVANCE ferro-nickel wire—Driver-Harris Co., Harrison, N. J.
ADVANCE fertilizer distributors—Bateman Mfg. Co., Grenloch, N. J.
ADVANCE gas engines—Henry, Millard & Henry Co., York, Pa.
ADVANCE gasoline engines—Geo. D. Pohl Mfg. Co., Vernon, N. Y.
ADVANCE ground connection clamps—Geo Heinemann & Co., 500 Girard ave., Philadelphia, Pa.
ADVANCE hame tug plates—Frazer & Jones Co., Syracuse, N. Y.
ADVANCE hose—Empire Tire & Rubber Corp., East Trenton, N. J.
ADVANCE lawn mowers—American Lawn Mower Co., Muncie, Ind.
ADVANCE loose leaf devices—Asa L. Shipman's Sons, 100 Chambers, New York
ADVANCE metal polish & Scotch glass tube glasses—Advance Packing & Supply Co., 11-15 N. Franklin, Chicago, Ill.
ADVANCE paper cutting machines—Challenge Machy. Co., Grand Haven, Mich.
ADVANCE pumps & pumping outfits—Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
ADVANCE pyrometers—Wilson-Maeulen Co., 781 E. 142nd, New York
ADVANCE rubber stamps—Consolidated Stamp Mfg Co., 87 Maiden La., New York

ADVANCE sash operating device—O. J. Dean & Co., Association bldg., Chicago, Ill.
ADVANCE smut treaters—Fosston Mfg. Co., St. Paul, Minn.
ADVANCE spring tooth harrows—Ohio Rake Co., Dayton, Ohio
ADVANCE stapling machines—Saranac Machine Co., Benton Harbor, Mich.
ADVANCE traction engines—Advance-Rumely Co., La Porte, Ind.
ADVANCE water filters—T. Linke, 235 W. 46th, New York
ADVANCE woven wire fences—Advance Fence Co., Elgin, Ill.
AEGISROLL asbestos protected metal roofing—Asbestos Protected Metal Co., Beaver Falls, Pa.
AEOLUS air pumps—Bridgeport Brass Co., Bridgeport, Conn.
AERIAL hot water radiators—H. B. Smith Co., Westfield, Mass.
AERMORE automobile horns—Fulton Co., 726 National av., Milwaukee, Wis.
AERMOTOR gas engines, windmills—Aermotor Co., 1146 S. Campbell av, Chicago, Ill.
AERO air drill hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
AERO cable cars—Fairmont Electric & Mfg. Co., 2203 Pearl, Phila., Pa.
AERO chucks—Hannifin Mfg. Co., 621 S Kolmar av, Chicago, Ill.
AERO lawn mowers—Dille & McGuire Mfg. Co., Richmond, Ind.
AERO lubricating oils & greases—Puritan Oil Co., 1244 W. 70th, Cleveland, Ohio
AERO metal aluminum alloys & aeroplanes—Garford Engineering Co., Elyria, Ohio
AERO padlock locks—Sargent & Co., New Haven, Conn.
AEROLUX porch shades—Aeroshade Co., Waukesha, Wis.
AERON SYSTEM paint spraying equipment—DeVilbiss Mfg. Co., Toledo, Ohio
AEROPLANE shock absorbers—Goodyear Tire & Rubber Co., Akron, Ohio
AEROSPRA compressed air sprayer—Deming Co., Salem, Ohio
AETNA ball seat cocks—Nason Mfg. Co., 71 Fulton, New York
AETNA blasting powder, dynamite, fuse, caps, etc.—Aetna Explosives Co., 120 B'way, New York
AETNA cement mfrs.—Aetna Portland Cement Co., Detroit, Mich.
AETNA curling iron heaters—Nicol & Co., 218 N. Jefferson, Chicago, Ill.
AETNA grate bars—Richard Thompson & Co., 126 Liberty, New York
AETNA grate bars & shaking grates—Bruce-Macbeth Engine Co., Cleveland, Ohio
AETNA grate bars & shaking grates—Salamander Grate Bar Co., 126 Liberty, New York
AETNA third rail insulators—Albert & J. M. Anderson Mfg. Co., 289 A, Boston, Mass.
AFRO-LAC floor finish & wood stains—U. R. Bowers & Sons, Los Angeles, Cal.
AGASCO paving pitch—Atlanta Gas Light Co., Atlanta, Ga.
AGASOTE fibre boards—Pantasote Co., 11 Broadway, New York
AGATE KOTE enamels—Armstrong Paint & Varnish Works, 2502 S. Paulina, Chicago, Ill.
AGATHON steel billets—Central Steel Co., Massillon, Ohio
AGATITE wood fibre plaster—American Cement Plaster Co., Lawrence, Kans.
AGOS creamery testers—Vermont Farm Machine Co., Bellows Falls, Vt.
AGRIPPA chain pipe & fittings, wrenches, clamps & tool holders—J. H. Williams & Co., 150 Hamilton av, Brooklyn, N. Y.
AGTON suction hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
AHRENS-FOX motor fire engines—Ahren-Fox Fire Engine Co., Cincinnati, O.
AIKEN hollow handle tool sets—Sargent & Co., New Haven, Conn.
AIKEN pattern saw sets—Bullock Mfg. Associates, Springfield, Mass.
AIKEN saw sets—P. Lowentraut Mfg. Co., 36 Brenner, Newark, N. J.
AIKEN PATTERN saw sets—L. A. Sayre & Co., 332 Mulberry, Newark, N. J.
AIR-ALARM fire alarms—Goldstein Engn'g Co., 45 Maiden la, New York
AIR KING padlock locks—Slaymaker Lock Co., Lancaster, Pa.
AIR-O-LITE portable table lamps—Cole-Halsted Light & Sales Co., Los Angeles, Cal.
AIR-O-LITE table lamp—Coleman Lamp Co., Wichita, Kans.
AIRTITE refrigerator & cooling rooms—National Refrigerator & Fixture Co., 8th & Park av, St. Louis, Mo.
AJAX asbestos brake lining—Asbestos & Rubber Works of America, 58th & Broadway, New York
AJAX automobile trunks—Ajax Trunk & Sample Case Co., 91 Mercer, New York
AJAX babbitt metal, bearings, solder—Ajax Metal Co., 1000 Frankford av, Philadelphia, Pa.
AJAX barn door hangers—Stowell Co., S. Milwaukee, Wis.
AJAX battery motors & motor fans—Kendrick-Davis Co., Lebanon, N. H.
AJAX belt dressing—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
AJAX bow sockets, carriage joints & top irons—Cortland Forging Co., Cortland, N. Y.
AJAX concrete barrows—Sterling Wheelbarrow Co., Milwaukee, Wis.
AJAX diaphragm pumps—W. & B. Douglas, Middletown, Conn.
AJAX door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
AJAX draughting tables—Williams, Brown & Earle, 918 Chestnut, Philadelphia, Pa.
AJAX dredge chains—American Chain Co., Bridgeport, Conn.
AJAX expansion & toggle bolts—Chicago Nut Co., 2513 W. 20th, Chicago, Ill.
AJAX fire brick—Chicago Retort & Fire Brick Co., Ottawa, Ill.
AJAX fire doors—The Kinnear Mfg. Co., Columbus, Ohio
AJAX fire hose—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
AJAX floor & ceiling plates—W. A. Russell & Co., 63 W. 37th, New York
AJAX galvanized iron range boilers—Walls, Owen & Stambach Co., Phila., Pa.
AJAX hot air furnaces—Co-Operative Foundry Co., Rochester, N. Y.
AJAX insulator pins & brackets—Diamond Expansion bolt Co., 89 West, New York
AJAX lamp adapters—Central Telephone & Electric Co., 311 N. 11th, St. Louis, Mo.
AJAX letter drop plates & rust proof mail boxes—Ajax Hardware Mfg. Co., 1100 Military rd, Buffalo, N. Y.
AJAX liquid paste metal polish—Crowell Chemical Co., Beverly, Mass.
AJAX machinists' vises—Bonney Vise & Tool Works, Allentown, Pa.
AJAX packing—Squires & Byrne Rubber Co., San Francisco, Cal.
AJAX paints & impregnating compounds—Sherwin-Williams Co., Cleveland, Ohio
AJAX phosphor bronze ingots—Ajax Melting Co., 1000 Frankford av, Phila., Pa.
AJAX pneumatic riveters—Cleveland Pneumatic Tool Co., 3734 E. 78th, Cleveland, Ohio
AJAX pole clamps & tree & wall insulators—Line Material Co., South Milwaukee, Wis.
AJAX rocking grate bars & shaking grates—Valley Iron Works, Williamsport, Pa.
AJAX rubber bands—Parker, Stearns & Co., 286 Sheffield av, Brooklyn, N. Y.
AJAX rubber bottles—Tyer Rubber Co., Andover, Mass.
AJAX rubber horse shoe pads—Revere Rubber Co., Chelsea, Mass.
AJAX rubber tires—Ajax-Grieb Rubber Co., Trenton, N. J.
AJAX RUST PROOF mail boxes—Ajax Hardware Mfg. Co., 1100 Military rd., Buffalo, N. Y.
AJAX shaking grates—Chas. Robson & Co., 8th & Washington av, Phila., Pa.
AJAX tinners' snips—Acme Shear Co., Bridgeport, Conn.
AJAX tool steel—B. M. Jones & Co., 141 Milk, Boston, Mass.
AJAX turbine water wheels—Salem Foundry & Machine Works, Salem, Va.
AJAX wood boring machines—Ajax Mfg. Co., Pittsburgh, Pa.
AJAX wood saw rods—Sargent & Co., New Haven, Conn.
AJAX Hinged door hangers—Stowell Co., S. Milwaukee, Wis.
AJEX electric hand massage vibrators—Schunck & Ogg, 235 Canal, New York
AKAR ignition apparatus, spark timers—Akar Ignition Co., 149 Berkley, Wayne Junction, Phila., Pa.
AKINS rail braces—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.

AKINS-ROTHWELL mining agitators—Colorado Iron Works Co., Denver, Colo.
AKRO-METAL gaskets—Akron Metallic Gasket Co., 142 N. Union, Akron, Ohio
AKRON chilian mills—Wellman-Seaver-Morgan Co., Cleveland, Ohio
AKRON fertilizer distributors & garden cultivators—Akron Cultivator Co., Akron, Ohio
AKRON friction clutches—Williams Foundry & Machine Co., Akron, Ohio
AKRON hot air furnaces—May-Fiebeger Co., Akron, Ohio
AKRON lead & copper gaskets, plain & corrugated—Akron Metallic Gasket Co., 142 N. Union, Akron, Ohio
AKRON-WILLIAMS hydraulic press, vulcanizer, tire repair equipment—Williams Foundry & Machine Co., Akron, O.
AKRONITE compressed asbestos gaskets—Akron Metallic Gasket Co., 142 N. Union, Akron, Ohio
ALABAMA belting hose packing—Empire Tire & Rubber Corp., East Trenton, N. J.
ALABAMA cement mfrs.—Southern Cement Co., Birmingham, Ala.
ALABAMA corrugated rim ventilators—Decatur Cornice & Roofing Co., New Decatur, Ala.
ALABAMA cotton rope—Anniston Cordage Co., Anniston, Ala.
ALABASTER cement & wood fibre plaster, wall finish—United States Gypsum Co., 205 W. Monroe, Chicago, Ill.
ALABASTINE wall finish—Alabastine Co., Grand Rapids, Mich.
ALADDIN aluminum & enamel hollow ware—Cleveland Metal Products Co., 7609 Platt av. & C. & P. tracks, Cleveland, Ohio
ALADDIN metal polish—Hearsey, Willis Co., 329 N. Capitol av, Indianapolis, Ind.
ALADDIN stoves—Burdett Smith & Co., Troy, N. Y.
ALADIN electric gas lighters—Universal Novelty Works, 164 5th av., New York
ALASKA ice chippers & ice cream freezers—Alaska Freezer Co., Winchendon, Mass.
ALASKAN ice & refrigerating machines—Armstrong Machinery Co., Spokane, Wash.
ALASKAN water coolers—A. C. Kraft, 323 W. Lake, Chicago, Ill.
ALBA arc lamp globes, elec. & gas light fixtures, glass shades—Macbeth-Evans Glass Co., Wabash bldg, Pittsburgh, Pa.
ALBA cotton softeners—E. F. Houghton & Co., 240 W. Somerset, Phila., Pa.
ALBA sash cords—Estes Mills, Fall River, Mass.
ALBA whiting—Industrial Chemical Co., 200 5th av, New York
ALBANOID sheet packing—Thermoid Rubber Co., Trenton, N. J.
ALBANY concrete mixers—Albany Hardware Specialty Mfg. Co., Albany, Wis.
ALBANY grate bars, anchors & smokeless furnaces—Geo. H. Thacher & Co., Albany, N. Y.
ALBANY paint & varnish remover—Albany Chemical Co., Albany, N. Y.
ALBANY tool steel—Ludlum Steel Co., Watervliet, N. Y.
ALBANY track jacks—L. J. Kelly Mfg. Co., Albany, N. Y.
ALBEMARLE cotton rope—Anniston Cordage Co., Anniston, Ala.
ALBERGER feed water heaters—Alberger Heater Co., Buffalo, N. Y.
ALBERGER-CURTIS steam turbines—Alberger Pump & Condenser Co., 140 Cedar, New York
ALBERT battery motors—Ohio Electric Works, Cleveland, Ohio
ALBEX goggles & eye protectors—T. A. Wilson & Co., Reading, Pa.
ALBION disc harrows—Gap Mfg. Co., Albion, Mich.
ALBION high speed steel—Hobson-Houghton & Co., 82 Beekman, New York
ALBION spring tooth harrows—Gales Mfg. Co., Albion, Mich.
ALBO shoe blacking & polishes—Whittemore Bros. Corp., Cambridge, Mass.
ALBREE pneumatic riveters—Chester B. Albree Iron Works, N. S. Pittsburgh, Pa.
ALBRIGHT closet seats—Patterson-Kiser Seat Co., Greensboro, N. C.
ALBRIGHT harness hooks, mane combs—Rubber & Celluloid Harness Trimming Co., 56 Ferry Newark, N. J.
ALBRO worm gears—Albro-Clem Elevator Co., Phila., Pa.
ALCA lime—Chas. Warner Co., Wilmington, Del.
ALCA lime—Woodville Lime Products Co., Toledo, O.
ALCA lime wall plaster—Glencoe Lime & Cement Co., Syndicate Tr. bldg, St. Louis, Mo.
ALCO acetylene gas burners, lava, lava insulators & gas burner tips—American Lava Co., Chattanooga, Tenn.
ALCOVIE carriage top dressing—F. Matt & Co., 491 Washington, Newark, N. J.
ALDEN ring packing—H. Johnson Co., ft Gates av, Jersey City, N. J.
ALDERMAN adjustable wrenches—Frank Mossberg Co., Attleboro, Mass.
ALDERNEY butter colors—Heller & Merz Co., 503 Hudson, New York
ALDINE lawn mowers—Chadborn & Coldwell Mfg. Co., Newburgh, N. Y.
ALDON car replacers, portable rail saws—Aldon Co., 3338 W. Ravenswood av, Chicago, Ill.
ALDRICH electric pumps—Aldrich Pump Co., Allentown, Pa.
ALDRICH tinware—Aldrich Mfg. Co., Buffalo, N. Y.
ALERT safety valves—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
ALEXALL insulating tape—Boston Woven Hose & Rubber Co., Cambridge, Mass.
ALEXANDER car replacers, wrecking frogs—Alexander Car Replacer Mfg. Co., Scranton, Pa.
ALEXANDER gauge cocks & water gauges—Marion Machine, Foundry & Supply Co., Marion, Ind.
ALFORD vises—Millers Falls Co., 28 Warren, New York
ALGONKIN cover paper—Hampden Glazed Paper & Card Co., Holyoke, Mass.
ALHPA rubber tubing—Parker-Stearns & Co., 286 Sheffield av, Brooklyn, N. Y.
ALICE pig iron—Tennessee Coal, Iron & Railroad Co., Birmingham, Ala.
ALIGATOR-mechanics' aprons—Ferguson Waterproof Co., Grand & Hickory, St. Louis, Mo.
ALIMSCO cordage & twine—American Mills Co., Atlanta, Ga.
ALITE stair nosing—Zenite Metal Co., Indianapolis, Ind.
ALKACENE waterproof portland cement—Zibell Damp Resisting Paint Co., 273 Water, New York
ALKALI PROOF WALL SIZE brick paints—Glidden Varnish Co., 755 W. Madison, Cleveland, Ohio
ALLAN babbitt metal, bearings, engine pistons—A. Allan & Son, 6th & Bergen, Harrison, N. J.
ALL ANGLE scrubbing brushes—Milford Mfg. Co., Mansfield, Ohio
ALL DAY lawn mowers—Phila. Lawn Mower Co., 3107 Chestnut, Phila., Pa.
ALLEGHENY corrugated iron—Allegheny Steel Co., Oliver bldg, Pittsburgh, Pa.
ALLEGHENY packing—Anchor Packing Co., Lafayette bldg, Phila., Pa.
ALLEN air hardening steel—Edgar Allen & Co., 718 W. Lake, Chicago, Ill.
ALLEN—base balls—National Base Ball Mfg. Co., Schenectady, N. Y.
ALLEN commutator compounds, soldering flux, paste, salts & stick—L. B. Allen Co., 4519 N. Lincoln, Chicago, Ill.
ALLEN drill machines—Chas. G. Allen Co., Barre, Mass.
ALLEN high speed steel—Edgar Allen & Co., 718 W. Lake, Chicago, Ill.
ALLEN hose clamps—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
ALLEN ice & refrigerating machines—H. B. Roelker, 41 Maiden Lane, New York
ALLEN lock nuts & washers—National Steel Products Co., Marquette bldg, Cleveland, Ohio
ALLEN machinists' rules—Lufkin Rule Co., Saginaw, Mich.
ALLEN safety set screws—Allen Mfg. Co., 135 Sheldon, Hartford, Conn.
ALLEN sheep shearing machines—Oscar Goes & Co., 1823 W. Lake, Chicago, Ill.
ALLEN steam & hot water heaters—Wm. Allen & Sons Co., Worcester, Mass.
ALLEN tire covers & tire pressure gauges—Allen Auto Specialty Co., 16 W. 61st, New York
ALLEN—tumbling barrels—E. J. Woodison Co., Detroit, Mich.
ALLEN wrenches—Allen Wrench & Tool Co., 754 Eddy, Providence, R. I.
ALLEN BOX TYPE box wrenches—Allen Wrench & Tool Co., 745 Eddy, Providence, R. I.
ALLEN-BRADLEY crane controllers, motor starters, switches—Allen-Bradley Co., 495 Clinton, Milwaukee, Wis.
ALLEN-RANDALL bolt clippers — H. K. Porter, Everett, Mass.
ALLEN RICHARDSON valves—H. G. Hammett, Troy, N. Y.
ALLEN UNIVERSAL socket wrenches—Allen Wrench & Tool Co., 754 Eddy, Providence, R. I.
ALLEN'S imperial high speed steel—Edgar Allen & Co., 718 W. Lake, Chicago, Ill.

ALLEN'S metal polish—Western Robe Mills, 610 W. Randolph, Chicago, Ill.
ALLENTOWN cement—Allentown Portland Cement Co., Allentown, Pa.
ALLFREE locomotive valves—Hobart Allfree Co., 37 W. Vanburen, Chicago, Ill.
ALLIANCE trench braces—Dunn Mfg. Co., Preble av, N. S. Pittsburgh, Pa.
ALLIGATOR belt lacing—Flexible Steel Lacing Co., 522 S. Clinton, Chicago, Ill.
ALLIGATOR check protectors—S. I. Atwater, 101 Lafayette, New York
ALLIGATOR heavy shears — A. Garrison Foundry Co., 901 Bingham, Pittsburgh, Pa.
ALLIGATOR packing—H. Johnson Co., ft Gates av, Jersey City, N. J.
ALLIGATOR wire connectors—Fairmount Electric & Mfg. Co., 59th & Woodland av, Phila., Pa.
ALL-IN-ONE door check & spring—Bayer Gardner-Himes Co., 101 Park av, New York
ALL-IN-ONE ground connection clamps—Fairmount Electric & Mfg. Co., 59th & Woodland, Phila., Pa.
ALLIS engines—Allis-Chalmers Mfg. Co., Milwaukee, Wis.
ALLITH door hangers, fire door fittings, latches, carriers—Allith-Prouty Co., Danville, Ill.
ALL PURPOSE traction engines—Advance-Rumely Co., La Porte, Ind.
ALLRIGHT fishing reels—A. F. Meisselbach & Bros., 29 Congress, Newark, N. J.
ALLRIGHT plumbers' wood work—Patterson-Kiser Seat Co., Greensboro, N. C.
ALL-STEEL mitre boxes—Goodell-Pratt Co., Greenfield, Mass.
ALLWAYS electric desk lights—American Electric Co., 6401 S. State, Chicago, Ill.
ALL WHITE bath room fixtures—Bay Ridge Specialty Co., 5613 First av, Brooklyn, N. Y.
ALLWON buffer sets—U. S. Specialty Co., Middletown, Conn.
ALL WORK tractors—Electric Wheel Co., Station D, Quincy, Ill.
ALMETAL clothes washing machines—Almetal Mfg. Co., 7227 Manchester av, St. Louis, Mo.
ALMETL fire, tin clad, sheet metal covored doors & shutters—Merchant & Evans Co., 2035 Washington av, Phila., Pa.
ALMOND drill chucks, flexible metallic tubing, countershafts—T. R. Almond Mfg. Co., Ashburnham, Mass.
ALMOND FLEXO household lamps, desk lights—T. R. Almond Mfg. Co., Ashburnham, Mass.
ALOL carriage top dressing—Viscol Co., Cambridge, Mass.
ALOMO cotton planing drills—Racine-Sattley Co., Springfield, Ill.
ALPHA automobile specialties, rubber specialties—Parker-Stearns & Co., 276 Sheffield, Brooklyn, N. Y.
ALPHA belting — American Belting Co.'s, 1609 Gough, Baltimore, Md.
ALPHA cement—Alpha Portland Cement Co., Easton, Pa.
ALPHA cement—Alpha Portland Cement Co., Alpha, N. J.
ALPHA conductors' whistles—Riley-Klotz Mfg. Co., 17 Mulberry, Newark, N. J.
ALPHA cotton mops—Estes Mills, Fall River, Mass.
ALPHA force feed lubricators, hand pumps, oil pump lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
ALPHA photographic paper—G. Cramer Dry Plate Co., Shenandoah & Lemp avs., St. Louis, Mo.
ALPINE electric sad irons—H. J. Alperin Co., 720 Euclid av, Cleveland, Ohio.
ALPINE feed cutters—Jos. Dick Mfg. Co., Canton, Ohio
ALPINE wax oil furniture polish & dust absorbing floor oils, etc.—Samuel Lewis, 73 Barclay, New York
ALSEN cement—Alsen's American Portland Cement Works, 45 B'way, New York, & Alsen, N. Y.
ALSOP boll extractors—Alsop Process Co., St. Louis, Mo.
ALSTON'S seamless drawing tubing—American Tube Works, 10 Oliver, Boston, Mass.
ALSTON'S spring handle currycombs—Weber & Kirch Mfg. Co., Keokuk, Ia.
ALTICK telephone cabinet work—C. H. Brownell, Peru, Ind.
ALUMINA-Soapalite soap powders—Electric Smelting & Aluminum Co., Lockport, N. Y.
ALUMINO & ELECTRIC oil stoves & heaters—Novelty Mfg. Co., Jackson, Mich.
ALUMINUM clock mfrs.—Aluminum Container Corp., Fulton, N. Y.
ALUSTRIUM enamel gold paints—Devoe & Raynolds Co., 101 Fulton, New York
ALUVIA fertilizer—Fertile Chemical Co., Cleveland, Ohio
ALVA incandescent gas mantles—D. M. Stewart Mfg. Co., Chattanooga, Tenn.
ALVORD shears & scissors—Atlas Shear Co., Bridgeport, Conn.
ALWAYS cold valve handles—H. A. Matthews Mfg. Co., Seymour, Conn.
ALWAYS READY pipe wrenches—Bonney Vise & Tool Works, Allentown, Pa.
ALWAYS RELIABLE alcohol torches, gasoline & kerosene, gasoline blast furnaces—Otto Bernz, 17-37 Ashland, Newark, N. J.
AMALIE belt dressing, greases, oils, paints—L. Sonneborn Sons, 262 Pearl, New York
AMANCO concrete mixers, clothes washing machines, corn & cob mills, gasoline engines, pumping jacks—Associated Mfrs. Co., Waterloo, Ia.
AMATEUR fishing reels—A. F. Meisselbach & Bros., 29 Congress, Newark, N. J.
AMATITE ready roofing—Barrett Co., 17 Battery pl, New York
AMAX mineral rubber—American Wax Co., 161 Summer, Boston, Mass.
AMAZON belting, hose & packing—Empire Tire & Rubber Corp., East Trenton, N. J.
AMAZON cotton hose—Mechanical Rubber Co., 73 Reade, New York.
AMAZON packing—New York Belting & Packing Co., 91 Chambers, New York
AMAZON rubber roofing—Barrett Co., 17 Battery pl, New York
AMBCO bronze metal bearings—American Manganese Bronze Co., Rhawn & Hegerman, Phila., Pa.
AMBER incandescent gas mantles—Welsbach Co., Gloucester City, N. J.
AMBERZO vegetable oil soap—Columbia Refining Co., 90 West, New York
AMBESCO brake lining & packing—American Asbestos Co., Norristown, Pa.
AMBEST metallic packing—Eureka Packing Co., 76 Murray, New York
AMBROSE piston packing—Ambrose Mach. Co., Provost & Eagle, Brooklyn, N. Y.
AMERICA alarm clocks—Western Clock Co., La Salle, Ill.
AMERICAN electric vacuum cleaners, sweepers & clothes washing machines—Wise-McClung Mfg. Co., New Philadelphia, O.
AMERICA ensilage cutters—Wilder-Strong Implement Co., Monroe, Mich.
AMERICA incandescent gas mantles—American Gas Machine Co., Albert Lea, Minn.
AMERICA telephone switchboards—American Electric Co., 6401 State, Chicago, Ill.
AMERICA water closet tanks—Blairville Enameled Ware Co., Blairsville, Pa.
AMERICAN acid hose—American Metal Hose Co., Waterbury, Conn.
AMERICAN adding machines — American Can Co., 120 Broadway, New York
AMERICAN air valves, steam & hot water heaters—Pierce, Butler & Pierce Mfg. Corp., 437 E 162nd, New York
AMERICAN animal pokes—Tuller Mfg. Co., Kansas City, Mo.
AMERICAN apron bead—Sharon Steel Hoop Co., Sharon, Pa.
AMERICAN asphalt crushers—American Pulverizer Co., 32nd & Ridge, East St. Louis, Ill.
AMERICAN balanced valves—American Balance Valve Co., Jersey Shore, Pa.
AMERICAN barn door hangers—Griffin Mfg. Co., Erie, Pa.
AMERICAN bath cocks & traps—American Sanitary Mfg. Co., Abingdon, Ill.
AMERICAN belt cements—Hudson Belting Co., 3 Eaton pl, Worcester, Mass.
AMERICAN belt dressing—American Steam Packing Co., 10 High, Boston, Mass.
AMERICAN belting—American Belting Co.'s, 1609 Gough, Baltimore, Md.
AMERICAN belting—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
AMERICAN bilge pumps—American Cement Machine Co., Keokuk, Ia.
AMERICAN bow separators—Chas. Weiss & Son, 4715 Cottage Grove av, Chicago, Ill.
AMERICAN brass balls & ball & thrust bearings—American Ball Co., 115 Clifford, Providence, R. I.
AMERICAN brass & copper bars, rods, sheet tubing & wire—American Brass Co., Waterbury, Conn.
AMERICAN bread mixers—Roseland Can & Specialty Co., Rockford, Ill.

AMERICAN butter printing & cutting machines—D. H. Burrell & Co., Little Falls, N. Y.
AMERICAN can openers—N. R. Streeter & Co., Rochester, N. Y.
AMERICAN carbon paper—H. M. Storms Co., 11 Vandewater, New York
AMERICAN carpet nails—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
AMERICAN carriage top dressing—Weiss Polish Works, 216 S. Winchester av, Chicago, Ill.
AMERICAN centrifugal pumps—American Well Works, Aurora, Ill.
AMERICAN clay machinery—American Clay Machinery Co., Bucyrus, O.
AMERICAN closet elbows & legs—American Sanitary Mfg. Co., Abingdon, Ill.
AMERICAN clover bunchers—American Buncher Mfg. Co., Oliver & Harding, Indianapolis, Ind.
AMERICAN coil switches & induction coils—American Coil Co., Foxboro, Mass.
AMERICAN concrete forms—American Metal Form Co., 343 S. Dearborn, Chicago, Ill.
AMERICAN concrete reinforcing materials—Am. System of Reinforcing, 10 S La Salle, Chicago, Ill.
AMERICAN contractors' plow & road scrapers—American Steel Scraper Co., Sidney, O.
AMERICAN corn planters—Sheffield Mfg. Co., Burr Oak, Mich.
AMERICAN corn & cob mills—Appleton Mfg. Co., Batavia, Ill.
AMERICAN corner heads—Youngstown Pressed Steel Co., Youngstown, O.
AMERICAN crayons—American Crayon Co., Sandusky, O.
AMERICAN cushion packing—National Mfg. & Engineering Co., 1539 Rase, Phila., Pa.
AMERICAN disc meters — Buffalo Meter Co., 2921 Main, Buffalo, N. Y.
AMERICAN dormant scales—American Scale Co., Kansas City, Mo.
AMERICAN drafting tables, blue print filing cabinets, parallel rulers or automatic T squares, stock & special drafting room equipment—American Drafting Furniture Co., 14 Railroad, Rochester, N. Y.
AMERICAN drill grinders—La Salle Machine Tool Co., La Salle, Ill.
AMERICAN dry batteries—American Carbon & Battery Co., Signal Hill, East St. Louis, Ill.
AMERICAN dry earth closets—American Warming & Ventilating Co., Elmira, N. Y.
AMERICAN electric car headlights—Remy Electric Co., Anderson, Ind.
AMERICAN electric heaters—American Electrical Heater Co., Detroit, Mich.
AMERICAN electric washing machines—Horton Mfg. Co., Fort Wayne, Ind.
AMERICAN electrolytic rectifiers—American Battery Co., 1132 Fulton, Chicago, Ill.
AMERICAN elevators—American Elevator & Machine Co., Louisville, Ky.
AMERICAN emery wheel dressers—William Williams, Jr., New Britain, Conn.
AMERICAN emery wheel dressers—Browne & Dowd Mfg. Co., Meriden, Conn.
AMERICAN enameled steel conduits—American Conduit Mfg. Co., Keystone bldg, Pittsburgh, Pa.
AMERICAN farm gates—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
AMERICAN feed cookers—Kelly Foundry & Machine Co., Goshen, Ind.
AMERICAN feed grinding mills—Appleton Mfg. Co., Batavia, Ill.
AMERICAN feed water filters & purifiers—American-Water Softener Co., 10th & Chestnut, Phila., Pa.
AMERICAN fire pots—American Brass & Copper Co., 138 Lafayette, New York
AMERICAN flexible metallic hose & tubing—American Metal Hose Co., Waterbury, Conn.
AMERICAN floor thimbles—American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
AMERICAN flue cutters—F. D. Redington Co., 112 S. Sangamon, Chicago, Ill.
AMERICAN fluting machines—North Bros. Mfg. Co., Lehigh av & American, Phila., Pa.
AMERICAN fodder cutters—Wilder-Strong Implement Co., Monroe, Mich.
AMERICAN food choppers—American Cutlery Co., 764 Mather, Chicago, Ill.
AMERICAN fruit evaporators—Edw. B. Fahrney, Waynesboro, Pa.
AMERICAN gang saw edgers, saw mill dogs—American Sawmill Machinery Co., Hackettstown, N. J.
AMERICAN garden barrows—Puffer-Hubbard Mfg. Co., 32nd av & S. 26th, Minneapolis, Minn.
AMERICAN gas & gasoline lamps, gas machines—American Gas Machine Co., Albert Lea, Minn.
AMERICAN gasoline blow torches—Henry W. Peabody & Co., 17 State, New York
AMERICAN gauge cocks, globe valves & feed water filters—American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
AMERICAN grass hooks—Knickerbocker Mfg. Co., Belleville, N. J.
AMERICAN gravity couplings—Adreon Mfg. Co., Security bldg, St. Louis, Mo.
AMERICAN grease—O. F. Zurn Co., Broadway & Lehigh av, Phila., Pa.
AMERICAN green granite—Chas. Clements, Boston, Mass.
AMERICAN GRIP comealongs—Mathias Klein & Sons, 562 Van Buren, Chicago, Ill.
AMERICAN ground connection clamps—American Metal Works, Gtn. Phila., Pa.
AMERICAN gut strings—American Gut String Mfg. Co., 5415 S. Ashland av, Chicago, Ill.
AMERICAN horse nails—Ausable Horse Nail Co., Keeseville, N. Y.
AMERICAN hospital stretchers—James H. Channon Mfg. Co., 227 W. Erie, Chicago, Ill.
AMERICAN hot air clothes dryers—Domestic Laundry Equipment Corp., 1365 Lexington av, New York
AMERICAN hydrants—H. F. Neumeyer & Son, Macungie, Pa.
AMERICAN incandescent electric lamps—American Lamp Works of G. E. Co., Central Falls, R. I.
AMERICAN INGOT IRON, billets iron roofing, road culverts & window tents—American Rolling Mill Co., Middletown, O.
AMERICAN inverted gas lamps—American Gas Light Co., Kalamazoo, Mich.
AMERICAN lath mills & bolters, log hauls, log turners, lumber trimmers — American Sawmill Machinery Co., Hackettstown, N. J.
AMERICAN lawn dryers—A. E. Olmstead, Orwell, N. Y.
AMERICAN leather link belting mfrs.—Chas. A. Schieren & Co., 30 Ferry, New York.
AMERICAN levels—Edward Helb, Railroad, Pa.
AMERICAN limestone—Tompkins Kiel Marble Co., 505 5th av, New York
AMERICAN liquid polish—Harvey Chemical Co., Lafayette, Ind.
AMERICAN locomotive headlights—Remy Electric Co., Anderson, Ind.
AMERICAN locomotive valves—American Balance Valve Co., Jersey Shore, Pa.
AMERICAN log loaders, railroad ditching machines—American Hoists & Derrick Co., St. Paul, Minn.
AMERICAN logging tools—American Logging Tool Co., Evart, Mich.
AMERICAN loose pulley oilers—American Lubricator Co., Detroit, Mich.
AMERICAN lubricating oils & greases—Wm. P. Miller Co., 2316 S. Wabash av, Chicago, Ill.
AMERICAN lunch boxes—Reading Saddle & Mfg. Co., Reading, Pa.
AMERICAN marine paints—Gardiner Paint Co., 258 Broadway, New York
AMERICAN massage vibrators—Southern Electric Co., 1100 Pine, St. Louis, Mo.
AMERICAN melting fuel oil, oil tempering, welding & rivet heating, furnaces, rivet heating forges & fuel oil appliances—American Shop Equipment Co., McCormick bldg, Chicago, Ill.
AMERICAN metal lath—Penn Metal Ceiling & Roofing Co., 23d & Hamilton, Phila., Pa.
AMERICAN metal shingles—Milwaukee Corrugating Co., Milwaukee, Wis.
AMERICAN oak flooring—American Column & Lumber Co., St. Albans, W. Va.
AMERICAN oil cabinets & gasoline filters—American Oil Pump & Tank Co., Findlay & Dalton, Cincinnati, Ohio
AMERICAN oil filters—Burt Mfg. Co., 40 Main, Akron, Ohio
AMERICAN oil transformers—American Transformer Co., 145 Miller, Newark, N. J.
AMERICAN packing—La Favorite Rubber Mfg. Co., Hawthorne, N. J.
AMERICAN paper folding machines—American Folding Machine Co., Warren, O.
AMERICAN pedometers—American Pedometer Co., New Haven, Conn.
AMERICAN pioneer pressed steel shaft hangers—Standard Pressed Steel Co., 20th & Clearfield, Phila., Pa.
AMERICAN pipe hangers—John Simmons Co., 111 Centre, New York
AMERICAN piston rings—American Piston Ring Co., 704 S. 11th, Newark, N. J.

AMERICAN plaster boards—American Cement Plaster Co., Lawrence, Kans.
AMERICAN pneumatic yoke riveters—Hanna Engineering Works, 1764 Elston av, Chicago, Ill.
AMERICAN pole steps—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
AMERICAN portable grain elevators—King & Hamilton Co., Ottawa, Ill.
AMERICAN pumps—American Steam Pump Co., Battle Creek, Mich.
AMERICAN radiators—American Radiator Co., 820 S Michigan av, Chicago, Ill.
AMERICAN rail loaders—United Supply & Mfg. Co., Railway Exchange, Chicago, Ill.
AMERICAN railroad paper—Wm. Mann Co., 529 Market, Phila., Pa.
AMERICAN revolving screens, rock crushers—American Pulverizer Co., 32d & Ridge, East St. Louis, Ill.
AMERICAN rope—American Mfg. Co., Noble & West, Brooklyn, N. Y.
AMERICAN sash pulleys—Grant Pulley & Hardware Co., 101 Park av, New York
AMERICAN scales—Beckman Bros. Des Moines, Ia.
AMERICAN Seal paints, cements, polishes & putty—Wm. Connors Paint Mfg. Co., Troy, N. Y.
AMERICAN self-oiling hangers—American Tool & Machine Co., 10 High, Boston, Mass.
AMERICAN sickle edge knives—Ney Mfg. Co., Canton, Ohio
AMERICAN spark plugs—American Coil Co., Foxboro, Mass.
AMERICAN speedometers—American Ever Ready Works, Thompson av, Long Island City, N. Y.
AMERICAN spelter—American Tin, Lead & Smelting Co., 120 Broadway, New York
AMERICAN stay bolts—American Flexible Bolt Co., Union Bank bldg, Pittsburgh, Pa.
AMERICAN steam hammers—Monighan Machine Co., 2032 Carroll av, Chicago, Ill.
AMERICAN steam traps—American District Steam Co., North Tonawanda, N. Y.
AMERICAN steel bins—American Culvert Co., Albert Lea, Minn.
AMERICAN steel pulleys—American Pulley Co., 114 S. Clinton, Chicago, Ill.
AMERICAN stove pipe dampers—Griswold Mfg. Co., Erie, Pa.
AMERICAN telephones & apparatus—American Electric Co., 6401 S. State, Chicago, Ill.
AMERICAN testing meters—Buffalo Meter Co., 290 Terrace, Buffalo, N. Y.
AMERICAN tire & axle shrinkers—Champion Blower & Forge Co., Lancaster, Pa.
AMERICAN tobacco counter cutters—North Bros. Mfg. Co., Lehigh av & American, Phila., Pa.
AMERICAN track switches—United States Electric Signal Co., West Newton, Mass.
AMERICAN turbine generators—Remy Elec. Co., Anderson, Ind.
AMERICAN typewriter ribbons—H. M. Storms Co., 11 Vandewater, New York
AMERICAN UNDERWRITERS hose—Boston Belting Corp., 84 Linden Park, Boston, Mass.
AMERICAN unions—Henry B. Pancoast Co., 243 S. 3d, Phila., Pa.
AMERICAN valve discs—National Mfg. & Engineering Co., 1537 Race, Phila, Pa.
AMERICAN vegetable cutters—Athol Machine Co., Athol, Mass.
AMERICAN water meters—Buffalo Meter Co., 290 Terrace, Buffalo, N. Y.
AMERICAN water motors—American Water Motor Co., Columbus, Ohio
AMERICAN water tube boilers—Steacy-Schmidt Mfg. Co., York, Pa.
AMERICAN wire lock washers—Hobbs Mfg. Co., Worcester, Mass.
AMERICAN wrought steel pulleys—Strong, Carlisle & Hammond Co., 336 Frankfort av N. W., Cleveland, Ohio
AMERICAN AMSTER planimeters—American Steam Gauge & Valve Mg. Co., 208 Camden, Boston, Mass.
AMERICAN AUTOMATIC dormant scales—American Automatic Co., 448 Huffman av, Dayton, O.
AMERICAN BALL automatic marine steam engine—Bound Brook Engine & Mfg. Co., 1425 Chestnut, Philadelphia, Pa.
AMERICAN BEAUTY electric sad irons—American Electrical Heater Co., Detroit, Mich.
AMERICAN BEAUTY gas stoves & radiators—American Beauty Stove Co., Erie, Pa.
AMERICAN BEAUTY motor boat, launch & yacht builders—Gray-Hawley Mfg. Co., 937 E. Jefferson av, Detroit, Mich.
AMERICAN BEAUTY wall mills—Wrightsville Hardware Co., Wrightsville, Pa.
AMERICAN BOND automatic scales—American Machinery Co., 1229 Callowhill, Phila., Pa.
AMERICAN CROSSLEY gas engines—Worthington Pump & Machy. Corp., 115 B'way, New York
AMERICAN FLUX brazing—American Alloys Co., American bldg, Baltimore, Md.
AMERICAN IDEAL float valves & steam traps—American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
AMERICAN KING hammer handles—American Handle Co., Jonesboro, Ark.
AMERICAN KITCHEN FRIEND kitchen sets—American Cutlery Co., 764 Mather, Chicago, Ill.
AMERICAN OIL traction engines—American Tractor Co., Des Moines, Iowa
AMERICAN STANDARD feed water heaters—Whitlock Coil Pipe Co., Hartford, Conn.
AMERICAN SWEDO low phosphorus melting bars—Samuel Frank, Harrison bldg, Phila., Pa.
AMERICAN THOMPSON IMPROVED gas indicators—American Steam, Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
AMERICAN files—Nicholson File Co., Providence, R. I.
AMERICAN UNIVERSAL governors, pump & pressure regulators—American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
AMERICAN WADSWORTH sand slab machines—Sand Mixing Machine Co., 52 Vanderbilt av, New York
AMERICANAX axes—American Axe & Tool Co., Glassport, Pa.
AMERICORE rubber covered wire—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
AMERICUS cider presses—Whitman Agricultural Co., 7000 S. Broadway, St. Louis, Mo.
AMERITE rubber covered wire—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
AMES hollow augers—Jas. Swan Co., Seymour, Conn.
AMES lathes, milling machines, chucks—B. C. Ames Co., Waltham, Mass.
AMES locomotive sanders—American Safety Lamp & Mine Supply Co., Scranton, Pa.
AMES truck units—Ames Motor Car Co., Owensboro, Ky.
AMESBURY trolley wheels—Stuart, Howland Co., 234 Congress, Boston, Mass.
AMFLORITE sanitary floors—American Material Co., 101 Park av, New York
AMHERST gas stoves, ranges & hot air furnaces—Buffalo Co-Operative Stove Co., Buffalo, N. Y.
AMICALOLA white marble—Amicalola Marble Co., Atlanta, Ga.
AM McINNES marine paints—Gardiner Paint Co., 258 Broadway, New York
AMMONIA packing—Boston Belting Corp., 84 Linden Park, Boston, Mass.
AMOILCO belt dressing & lubricating oils & greases—American Oil Corp., Jackson, Mich.
AMPERE canvas belting—Victor Balata & Textile Belting Co., 38 Murray, New York
AMPHI automobile tire trunks—Welch & Suthergreen Co., Fitchburg, Mass.
AMPINCO lock-nuts & washers, plumbers' specialties, safety pins, furniture trimmings—American Pin Co., Waterbury, Conn.
AMPRO electric bells—Keil, Francis & Son, 401 E. 163d, New York
AMS can makers' machinery & tools—Max Ams Machine Co., Bridgeport, Conn.
AMSABOCA autographic registers—American Sales Book Co., Ltd., Elmira, N. Y.
AMSCO dredging & excavating buckets, chains, castings, grinding rolls, mining screens, car wheels—American Manganese Steel Co., 332 S. Michigan av, Chicago, Ill.
AMSLER gas producers & reversing valves—Walter O. Amsler, Wabash bldg, Pittsburgh, Pa.
ANACONDA rubber hose—Peerless Rubber Mfg. Co., 31 Warren, New York
ANCHOR asphalt roofing—Warren Chemical & Mfg. Co., 17 Battery pl, New York
ANCHOR auto truck trailers—Anchor Buggy Co., C. H. & D., Ry, nr Gest, Cincinnati, Ohio
ANCHOR belt lacing—Kayser Raw Hide Co., 3914 N. Broadway, St. Louis, Mo.
ANCHOR boiler compounds—H. Kohlbrandt & Co., Cincinnati, Ohio
ANCHOR bolting cloth—R. L. Latimer & Co., 24 N. Front, Phila., Pa.
ANCHOR carriage axles, spring—Sheldon Axle & Spring Co., Wilkes-Barre, Pa.
ANCHOR chain shackles—Wilcox, Crittenden & Co., Middletown, Conn.
ANCHOR BRAND clothes wringers—Lovell Mfg. Co., Erie, Pa.

ANCHOR curtain rods—Jamestown Curtain Rod Co., Jamestown, N. Y.
ANCHOR cutting & drilling componds, lubricating oils & greases, metal polish—Anchor Oil & Chemical Co., Cleveland, Ohio
ANCHOR door bells—Bradley & Farnham, Middlefield, Conn.
ANCHOR dry colors & fillers—C. K. Williams & Co., Easton, Pa.
ANCHOR gas ranges & heaters—Anchor Stove & Range Co., New Albany, Ind.
ANCHOR guard rail clamps—American Guard Rail Fastener Co., Real Estate Trust bldg, Phila., Pa.
ANCHOR hatchets, adze, & boys' broad & hunters axes—Fayette R. Plumb, Inc., Tucker & James, Frankford, Phila., Pa.
ANCHOR hoisting engines—Superior Iron Works Co., Superior, Wis.
ANCHOR insecticides—Leggett & Bro., 301 Pearl, New York
ANCHOR linoleum—Germania Importing Co., 41 Union sq., New York
ANCHOR linseed oil & cake—Ankeney Linseed Oil Mfg. Co., Des Moines, Ia.
ANCHOR metal polish—Hoffman Paint & Varnish Co., Waters av, Boston, Mass.
ANCHOR oxide of zinc—Gabriel & Schall, 295 Broadway, New York
ANCHOR pails, dry measures, wood tubs—Richmond Cedar Works, Fulton, Richmond, Va.
ANCHOR picture hooks—Buffalo-Dehn Co., 70 W. Chippewa, Buffalo, N. Y.
ANCHOR rubber cements—National Rubber & Specialties Co., Cincinnati, Ohio
ANCHOR rubber hose—National India Rubber Co., Bristol, R. I.
ANCHOR rubber tile—Mercer Rubber Co., Trenton, N. J.
ANCHOR hardware, saddlery & wire buckles—North & Judd Mfg. Co., New Britain, Conn.
ANCHOR safety fuse—du Pont (E. I.) de Nemours & Co., Wilmington, Del.
ANCHOR sap sprouts—Franklinville Canning Co., Franklinville, N. Y.
ANCHOR seals—Keystone Seal & Press Co., 30 Main, New York
ANCHOR sink brushes—Philip Fogerty & Co., 49 Wyona, Brooklyn, N. Y.
ANCHOR skylights—E. Van Noorden & Co., 100 Magazine, Boston, Mass.
ANCHOR soldering flux—Garden City Laboratory, 610 W. 43rd, Chicago, Ill.
ANCHOR spark plugs—Szel Import & Export Co., 359 Broadway, New York
ANCHOR spring wire—Anchor Fence & Iron Co., Cleveland, Ohio
ANCHOR steel barrels, tanks, ventilators—Meurer Steel Barrel Co., 575 Flushing av, Brooklyn, N. Y.
ANCHOR ventilator—Meurer Bros. Co., 575 Flushing av, Brooklyn, N. Y.
ANCHOR welding compounds—Cortland Specialty Co., Cortland, N. Y.
ANCHOR BRAND bridle bits, buckles, breast chains, breeching & hame clips, cockeyes, carriage fasteners, hooks, loops, pad screws, rests, rings, rosettes, scrapers, screws, slides, snaps, spurs, swivels, terrets, toggles & trimmings—hardware—North & Judd Mfg. Co., New Britain, Conn.
ANCHOR BRAND colors, ochres, oxide of iron, powdered asbestos, terra alba & Venetian reds—C. K. Williams & Co., Easton, Pa.
ANDERSON adjustable electric fixtures, lamp & light holder—Franklin Specialty Mfg. Co., 710 Eddy, Providence, R. I.
ANDERSON air & steam traps, alarms, fertilizer expellers, fitters, dryers, oil presses, separators & water columns—V. D. Anderson Co., W. 96th, Cleveland, Ohio.
ANDERSON boiler stop valves, pressure reducing valves, plug cocks—Golden-Anderson Valve Specialty Co., Fulton bldg, Pittsburgh, Pa.
ANDERSON draft gear—J. E. Forsyth, Peoples' Gas bldg, Chicago, Ill.
ANDERSON drop forgings—Anderson Forge & Machine Co., Detroit, Mich.
ANDERSON emery, wet & wood working tool grinders—Worcester Pattern & Model Co., Worcester, Mass.
ANDERSON floor scraping machines—Triple "A" Machine Co., 4125 Ravenswood av, Chicago, Ill.
ANDERSON gasoline engines—Dice Machine Co., Anderson, Ind.
ANDERSON hose couplings, hose nozzles—G. A. Anderson Mfg. Co., Bush & Russell, Baltimore, Md.
ANDERSON milling cutters, die forming, muzzling & tapping machines—Anderson Die Machine Co., 544 Iraniston av, Bridgeport, Conn.
ANDERSON pipe couplings—Chapman Valve Mfg. Co., Indian Orchard, Mass.
ANDERSON switch stands—American Valve & Meter Co., Cincinnati, Ohio
ANDERSON time switches & battery charging plugs—Albert & J. M. Anderson Mfg. Co., 289 A, Boston, Mass.
ANDERSON traveling cranes—Lane Mfg. Co., Montpelier, Vt.
ANDERSON LEADER wagon skeins—American Skein & Foundry Co., Racine, Wis.
ANDERSON water heaters—Anderson - McCutcheon Co., Peekskill, N. Y.
ANDERSON worm gear rings—Anderson Rolled Gear Co., Cleveland, Ohio
ANDERSON-BEVAN car derailers—General Railway Signal Co., Rochester, N. Y.
ANDERSON-SMITH electric car headlights—St. Louis Car Co., 8000 N. Broadway, St. Louis, Mo.
ANDERSONS wire easels—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
ANDES stoves—Phillips & Clark Stove Co., Geneva, N. Y.
ANDREWS concrete tampers—Harold L. Bond Co., 391 Atlantic av, Boston, Mass.
ANDREWS hot air furnaces, steam & hot water heaters, safety valves—Andrews Heating Co., Minneapolis, Minn.
ANDREWS meter boxes—Modern Iron Works, Quincy, Ill.
ANDROCK can openers, flue stops, garment hangers, toasters, wall ties—Andrews Wire & Iron Works, Rockford, Ill.
ANGELL elevator safety devices—Angell Elevator Lock Co., 370 Atlantic av, Boston, Mass.
ANGELUS automatic water heaters—Solar Heater Co., Los Angeles, Cal.
ANGER'S PERFECT cake fillers—Sargent & Co., New Haven, Conn.
ANGLE fire hose reels—Wirt & Knox Mfg. Co., 22 N. 4th, Phila., Pa.
ANGLE ice cream freezers—Angle Mfg. Co., 244 W. 23rd, New York
ANGLE wind shields—H. J. Russell, Worcester, Mass.
ANGLEROD brake beams—Damascus Brake Beam Co., London rd & Nickel Plate, Cleveland, Ohio
ANGLE STEM foundry chaplets—Combined Supply & Equipment Co., 766 Grant, Buffalo, N. Y.
ANHYDROUS waterproof belting—Chas. L. Ireson, 221 High, Boston, Mass.
ANIMALOIL belt dressing—Animal Oil Co., Ontario, nr Delaware river, Phila., Pa.
ANKORITE gaskets, packing, pump valves—Anchor Packing Co., Lafayette bldg, Phila., Pa.
ANKYRA anchor expansion & toggle bolts—Ankyra Mfg. Co., Wayne Jct., Phila., Pa.
ANN ARBOR baling presses & fodder cutters—Ann Arbor Machine Co., Ann Arbor, Mich.
ANNA cement—Balfour Granite Co., San Francisco, Cal.
ANNAPOLIS steam heaters—J. H. McLain Co., Canton, Ohio
ANNEX lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.
ANNEX storage batteries—Willard Storage Battery Co., E. 131st & St. Clair, Cleveland, Ohio
ANNISTON cotton rope—Anniston Cordage Co., Anniston, Ala.
ANNUNCIPHONE telephone switchboards—Electric Goods Mfg. Co., Canton, Mass.
ANOSKY adze—Am. Axe & Tool Co., Glassport, Pa.
ANSCO magnet steel—Atlas Crucible Steel Co., Dunkirk, N. Y.
ANSONIA finger nail clippers—H. C. Cook Co., 100-120 Jewett, Ansonia, Conn.
ANTAKWA dipping paints—Antakwa Co., 133 W. Washington, Chicago, Ill.
ANTHONY woven wire fences—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
ANTIAQUA waterproofing materials—Union Fibre Co., Winona, Minn.
ANTI-CARBON lubricating oils & greases—American Oil Corp., Jackson, Mich.
ANTICLOG brass cleanouts & cesspools—Watertite Drain & Scupper Co., 351 Lexington av, New York
ANTI-CORROSINE lubricating oils & greases—E. H. Kellogg & Co., 243 South, New York
ANTI-DAMP waterproofing materials—Anti-Stick Co., Westerville, Ohio
ANTI-DOC household medical batteries—Manhattan Electrical Supply Co., 17 Park pl, New York
ANTI-DUST sweeping compounds—Anti-Dust Chemical Co., Denver, Colo.

ANTI-DUST sweeping compounds—Day, Bergwell Co., 121 Buffalo, Milwaukee, Wis.
ANTI-DUST sweeping compounds—Peabody Anti-Dust Co., Peabody, Mass.
ANTI-EXPLO automobile mufflers—Gemco Mfg. Co., Milwaukee, Wis.
ANTI-FALL ladders—Four-in-one-Ladder Mfg. Co., Mishawaka, Ind.
ANTIFORMIN brewers' & malters' machinery disinfectants—American Antiformin Co., 38 Water, New York
ANTI-FREEZING fire hydrants—Macungie Brass & Mfg. Co., Macungie, Pa.
ANTI-HYDRO waterproofing company—F. M. Hausling, 9 Orchard, Newark, N. J.
ANTI-KLOG spray pumps—Illinois Metals Co., 2426 W. 22nd, Chicago, Ill.
ANTI-LEAK pipe joint cements—J. R. & H. J. Bostwick, Clifton Springs, N. Y.
ANTI-PANIC chain door fasteners—Racine Iron & Wire Wks, Racine, Wis.
ANTI-PINCH car doors & fittings—Acme Supply Co., 28 E. Jackson blvd, Chicago, Ill.
ANTI-PLUVIUS cornices & skylights—G. Drouve Co., 40 Tulip, Bridgeport, Conn.
ANTIQUE CLUB writing paper—W. B. Oglesby Paper Co., Middletown, Ohio
ANTI-SAG screen door braces—F. Edw. Snyder, Massillon, Ohio
ANTI-SCREW MIDGET push buttons—Francis Keil & Son, 401 E. 163rd, New York
ANTISEPTINE waterproofing materials, wood preservatives, wood & shingle stains—American Wood Preserving Co., 1351 N. Branch, Chicago, Ill.
ANTISEPTOL liquid soap & liquid soap dispensers Antiseptol Liquid Soap Co., 564 W. Randolph, Chicago, Ill.
ANTI-SLIP belt dressing—Geo. Callahan & Co., 218 Front, New York
ANTI-SLIP ice creepers—Reading Saddle & Mfg. Co., Reading, Pa.
ANTI-SLIP pulley dressing—Fansher Bros., Dayton, Ohio
ANTI-WHALEBONE whips—Featherbone Whip Co., Westfield, Mass.
ANTI-WOOD push buttons—Francis Keil & Son, 401 E. 163rd, New York
ANTLER surgical elastic hosiery—W. H. Horn & Bro., 431 N. 3rd, Phila., Pa.
ANTLERS enameled blotting paper—Wrenn Paper Co., Middletown, Ohio
ANTOXIDE preserving & rust inhibitive paints—Harrison Works (Dupont), 35th & Grays Ferry rd, Phila., Pa.
ANVIL bread, butchers', carving & kitchen knives, cork screws, nut crackers & picks—Meriden Cutlery Co., Meriden, Conn.
ANVIL tackle blocks—Western Block Co., Lockport, N. Y.
APCO automobile tire locks—Allith-Prouty Co., Danville, Ill.
APCO oil gauges—Auto Parts Co., 702 Eddy, Providence, R. I.
APEX bath fittings—F. M. Dubois & Co., 247 9th av, New York
APEX belt dressing & belt lacing—W. H. Salisbury & Co., 105 S. Wabash av, Chicago, Ill.
APEX bread toasters—A. T. Knowlson Co., 99 Congress, Detroit, Mich.
APEX carbon paper & typewriter ribbons—Union Ribbon & Carbon Co., Phila., Pa.
APEX carriage fasteners—Heaton Peninsular Button Fastener Co., 65 Shirley, Boston, Mass.
APEX cement plaster—Acme Cement Plaster Co., Frisco bldg, St. Louis, Mo.
APEX flour sieves—Roseland Can & Specialty Co., Rockford, Ill.
APEX hack saw blades—American Saw & Mfg. Co., Springfield, Mass.
APEX hot air furnaces—Youngstown Furnace Co., Youngstown, Ohio
APEX liquid soap dispensers, band punches, bench stops, nail pullers, saw sets, box openers, seal presses—Chas. Morrill, 100 Lafayette, New York
APEX pipe cutting & threading machines—Merrell Mfg. Co., 278 Curtis, Toledo, Ohio
APEX roofing paints—Richmond Bros., 616 Main, Cincinnati, Ohio
APEX rubber belting—Goodyear Rubber Co., 339 Mission, San Francisco, Cal.
APEX steel fence posts—Janesville Barb Wire Co., Janesville, Wis.
APEX POLISHINE metal polish—A. D. Millers' Sons Co., Columbus & Preble, Pittsburgh, Pa.
APOLLO automobile horns—Automobile Supply Mfg. Co., 80 B'way, Brooklyn, N. Y.
APOLLO galvanized iron—American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.
APOLLO grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
APOLLO kerosene lamp burners—Edw. Miller & Co., Meriden, Conn.
APOLLO KEYSTONE galvanized steel—American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.
APOLLO rubber roofing—Rubber Roofing Mfg. Co., 5 Cortlandt, New York
APPERLY feeds—Geo. S. Harwood & Son, 53 State, Boston, Mass.
APPLE parers—Reading Hardware Co., Reading, Pa.
APPLETON butcher blocks—Appleton Wood Products Co., Appleton, Wis.
APPLETON hay carriers—Appleton Hay Tool Co., Appleton, Wis.
APPLETON outlet & switch boxes, conduit fittings, lock nuts—Appleton Electric Co., 230 N. Jefferson, Chicago, Ill.
APPLETON metal wheel farm trucks—Appleton Mfg. Co., Batavia, Ill.
APPLETON'S washer cutters—Sargent & Company, New Haven, Conn.
APPOLLO stoves—Buckwalter Stove Co., Royersford, Pa.
AQUA belting—Shultz Belting Co., Bismarck & Barton, St. Louis, Mo.
AQUABAR concrete hardeners—Aquabar Co., Real Estate Trust bldg, Phila, Pa.
AQUABAR waterproofing materials—Aquabar Co., 900 Oxford, Phila., Pa.
AQUADAG graphite lubricants—Acheson Graphite Co., Niagara Falls, N. Y.
AQUA JACK spray pumps—W. & B. Douglas, Middletown, Conn.
AQUALENE cutting oils—Crescent Oil Co., 50 Church, New York
AQUALITE fire & weatherproof paints—Columbia Refining Co., 90 West, New York
AQUAMARINE belting—American Belting & Tanning Co., 135 Oliver, Boston, Mass.
AQUA-NIT waterproofing materials—Jamestown Paint & Varnish Co., Jamestown, Pa.
AQUAPULT bucket spray pumps—W. & B. Douglas, Middletown, Conn.
AQUEDUCT wire glass—Pennsylvania Wire Glass Co., Penn bldg, Phila., Pa.
ARABIAN BRAND asbestos brake linings—Rosendale-Reddaway Belting & Hose Co., Newark, N. J.
ARBOL air valves—Bogardus-Nelson Co., Marshalltown, Ia.
ARC LAMP hanger boards—Lundin Electric & Machine Co., 10 Thatcher, Boston, Mass.
ARC SPRING currycombs—Decker Mfg. Co., Keokuk, Ia.
ARCADE cuspidors, foot scrapers, nut crackers & picks, hinges, screw drivers—Arcade Mfg. Co., Freeport, Ill.
ARCADE files—Nicholson File Co., Providence, R. I.
ARCADIAN ceiling hooks—Arcade Mfg. Co., Freeport, Ill.
ARCHAMBAULT kerosene furnaces—Barnes Tool Co., New Haven, Conn.
ARCHBUTT-DEELEY water softening & purifying apparatus—Leigh & Butler, 232 Summer, Boston, Mass.
ARCH COLONEL golf balls—St. Mungo Mfg. Co., 121 Sylvan av, Newark, N. J.
ARCHIMEDEAN stump pullers—A. B. Farquhar Co., York, Pa.
ARCO boilers & temperature regulators—American Radiator Co., 820 S. Michigan av, Chicago, Ill.
ARCO padlocks—Slaymaker Lock Co., Lancaster, Pa.
"ARCO RAYS" paint—Arco Co., Euclid av & E. 65th, Cleveland, Ohio
ARCO refrigerators—Arlington Refrigerator Co., Arlington, Vt.
ARCO WAND vacuum cleaners—American Radiator Co., 820 S. Michigan av, Chicago, Ill.
ARCTIC chloride of calcium—Pomeroy Salt Assn. Co., Pomeroy, Ohio
ARCTIC coal tongs, ice tongs, fruit presses, fry pans, sad iron heaters, stove trimmings, toilet paper holders—Fanner Mfg. Co., Cleveland, Ohio
ARCTIC explosives—(E. I.) du Pont de Nemours & Co., Wilmington, Del.
ARCTIC ice cream freezers—White Mountain Freezer Co., Nashua, N. H.
ARCTIC lawn swings—Ohio Rake Co., Dayton, Ohio
ARCTIC lubricating oils & greases—Standard Oil Co. of N. Y., 555 W. 25th, New York
ARCTIC packing—Peerless Rubber Mfg. Co., 31 Warren, New York
ARDEE sash locks—Dayton Mfg. Co., Dayton, Ohio
AREOLES stoves—Birmingham Stove & Range Co., Birmingham, Ala.

AREX ventilators — Arex Original Siphonage Ventilators, Conway bldg, Chicago, Ill.
ARGAM quebracho extracts—A. Klipstein & Co., 644 Greenwich, New York
ARGENTINE polished plate glass—Bache Semon & Co., 636 Greenwich, New York
ARGO high speed steel—John Illingworth Steel Co., Franklin, Pa.
ARGO photographic paper—Defender Photo Supply Co., Rochester, N. Y.
ARGO CULINARY vegetable oils & laundry starch—Corn Products Refining Co., 17 Battery pl, New York
ARGOS padlocks—Sargent & Co., New Haven, Conn.
ARGUS lightning arresters—Foote, Pierson & Co., 160 Duane, New York
ARGUTO oilless bearings—Arguto Oilless Bearing Co., Wayne Junction, Phila., Pa.
ARIEL hot air furnaces—Enterprise Foundry Co., Rochester, N. Y.
ARISTO photo-engraving arc lamps—Western Electric Co., 463 West, New York
ARISTO photo engraving arc lamps—Eastman Kodak Co., Rochester, N. Y.
ARISTOS COPPERWELD copper clad steel wire welding rods—Steel & Wire Co., 30 Church, New York
ARK high speed steel—Wm. Jessop & Sons, Inc., 91 John, New York
ARK padlocks—Slaymaker Lock Co., Lancaster, Pa.
ARKLESS miscellaneous electric fuses—Economy Fuse & Mfg. Co., Kinzie & Orleans, Chicago, Ill.
ARLINGTON barrel spray pumps—W. & B. Douglas, Middletown, Conn.
ARLINGTON blotting paper—Eaton Dikeman Co., Lee, Mass.
ARLINGTON MILLS degras—W. L. Montgomery & Co., 10 High, Boston, Mass.
ARLINGTON stoves—Chilson Furnace Co., Mansfield, Mass.
ARMADA packing—Schultz Patent Rubber Co., Phila., Pa.
ARMBRUST brake shoes—General Brake Shoe & Supply Co., 343 S. Dearborn, Chicago, Ill.
ARMCO asphalt shingles, paints, rubber roofing—All Roofing Mfg. Co. 1843 Converse av, East St. Louis, Ill.
ARMCO iron—Am. Rolling Mill Co., Middletown, Ohio
ARMINIUS sulphur ores — Arminius Chemical Co., Mineral, Va.
ARMORDUCT interior conduits—Safety Armorite Conduit Co., West, Pittsburgh, Pa.
ARMORITE fireproof & sanitary flooring—Flexstone Construction Co., Hartman bldg, Columbus, Ohio
ARMOUR kitchen saws—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
ARM SAVER corn huskers—Cleveland Lock Works, Cleveland, Ohio
ARMSTRONG elevator signals—Elevator Supplies Co., Hoboken, N. J.
ARMSTRONG linoleum—Armstrong Cork Co., Pittsburgh, Pa.
ARMSTRONG pattern adjustable stocks—U. S. Brubaker & Bros., Millersburg, Pa.
ARMSTRONG pipe cutters, vises, wrenches, nipple holders, threading machines—Armstrong Mfg. Co., 278 Knowlton, Bridgeport, Conn.
ARMSTRONG tool holders, boring, cutting-off, knurling & thread cutting tools, lathe dogs, ratchet drills, & drilling machine vises—Armstrong Bros. Tool Co., 339 N. Francisco av, Chicago, Ill.
ARMSTRONG well drilling machinery—Armstrong Mfg. Co., Waterloo, Ia.
ARMSTRONG PATTERN pipe threading dies—Reed Mfg. Co., Erie, Pa.
ARMSTRONG pipe vises—Oswego Tool Co., Oswego, N. Y.
ARMY glue—Standard Glue Co., 350 N. Holliday, Baltimore, Md.
ARMY padlock locks—W. S. Lock & Hdwe. Co., Columbia, Pa.
ARMY & NAVY metal polish—Grady Mfg. Co., Bridge Plaza, Astoria, N. Y.
ARNO belting, rubber hose & brake lining—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio.
ARNOLD barn door hangers & fountain safety razors Arnold Co., Reading, Pa.
ARNOLD carbide candles—Wm. Ainsworth & Sons, Denver, Colo.
ARNOLD clam shell buckets—Quintard Iron Works Co., 742 E. 12th, New York
ARNOLD electric massage vibrators—Arnold Elec. Co., Racine, Wis.
ARNOLD ice creepers—Ray Hubbell & Co., Northville, N. Y.
ARNOLD stove pipe dampers—Arnold Damper (Inc.) Goshen, Ind.
ARNOLD'S draughting inks—Tower Mfg. & Novelty Co., 326 Broadway, New York
ARNOTT pile drivers' hammers—Union Iron Works, Hoboken, N. J.
ARR-AN-SEE boiler compound—Rodgers & Collins Co., Pontiac bldg, St. Louis, Mo.
AROOSTOOKAXE axes—Dunn Edge Tool Co., Oakland, Me.
ARRAS cream separators—Arras Cream Separator Co., Bluffton, Ohio
ARROLOCK sockets—Arrow Electric Co., Hartford, Conn.
ARROW aluminum solder—Lester Co., Fayetteville, N. Y.
ARROW ball wicking—R. Bishop Mfg. Co., 157 W. Sixth, South Boston, Mass.
ARROW boiler compounds—Arrow Boiler Compound Co., Roe bldg, St. Louis, Mo.
ARROW cable stringing trolleys—Central Telephone & Elec. Co., 310 N. 11th, St. Louis, Mo.
ARROW chain link belting—Link Chain Co., Williamsport, Pa.
ARROW electric motors & transformers—Arrow Mfg. Co., Toledo, Ohio
ARROW electric plug cut outs, lamp holders, rosettes & switches—Arrow Electric Co., Hartford, Conn.
ARROW files—Troy File Works, Troy, N. Y.
ARROW fire extinguishers—M. L. Snyder & Son, 9 N. 4th, Philadelphia, Pa.
ARROW fire hose—Empire Tire & Rubber Co., East Trenton, N. J.
ARROW hay knives, mops, wood handles—Erie City Mfg. Co., Erie, Pa.
ARROW packing—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
ARROW shade cloth—Columbia Mills, Inc., 225 5th av, New York
ARROW spark plugs—Reflex Ignition Co., Cleveland, Ohio
ARROW steel Swedish electro—Stauffer, Eshleman & Co., New Orleans, La.
ARROW steel tool—John A. Crowley Co., 120 Liberty, New York
ARROW switches, lamp sockets, etc—Arrow Electric Co., Hartford, Conn.
ARROW valves—Star Brass Mfg. Co., 108 E. Dedham, Boston, Mass.
ARROW BRAND rulers—Westcott Jewell Co., Seneca Falls, N. Y.
ARROWHEAD reclaimed rubber—U. S. Rubber Reclaiming Works, 42d st bldg, New York
ARROWLOCK electric sanitary flooring—David E. Kennedy, Inc., 53 5th av, New York
ARROW TWENTY electric lamp sockets—Arrow Electric Co., Hartford, Conn.
ART grease cup lubricators—American Lubricator Co., Detroit, Mich.
ARTCRETE flower pots—Hall Concrete Products Co., Grassland, Pa.
ARTEMPO music record rolls—Bennett & White, 67 Goble, Newark, N. J.
ARTGUM rubber erasers—Viscol Co., Cambridge, Mass.
ARTHUR hump rail blocks—W. H. Arthur, Washington bldg, Stamford, Conn.
ARTHUR rail blocks—Mack Mfg. Co., Land Title bldg, Phila., Pa.
ARTHUR JAMES fish hooks—L. D. Lothrop & Son, Gloucester, Mass.
ARTIC electrical bearings—More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.
ARTIC sad iron handles—Fanner Mfg. Co., Cleveland, Ohio
ARTIC sight feed lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
ARTIC tank heaters—U. S. Wind Engine & Pump Co., Batavia, Ill.
ART KRAFT metallic shingles, steel ceilings—Canton Metal Ceiling Co., Canton, Ohio
ASA LEES & CO. bale breakers & revolving cords—Wm. Firth, 200 Devonshire, Boston, Mass.
ASBESTEEL metallic gaskets—Faul & Timmins, Buffalo, N. Y.
ASBESTINE foundry facing—International Pulp Co., 41 Park Row, New York
ASBESTINE sheet packing—Anchor Packing Co., Lafayette bldg, Phila, Pa.
ASBESTOLITH gaskets & packing—Asbestos & Rubber Works of America, 58th & Broadway, New York
ASBESTONE sanitary flooring—Franklyn R. Muller & Co., Waukegan, Ill.
ASBESTOS METALLIC gaskets—Asbestos & Rubber Works of America, 58th & B'way, New York
ASBESTOSTEEL concrete reinforcing materials—Asbestos Protected Metal Co., First Nat'l Bank bldg, Pittsburgh, Pa.

ASBORBON absorbent Cotton—Maplewood Mills, Fall River, Mass.
ASCO automobile horn bulb protectors—New York Wire & Spring Co., 588 Washington, New York
ASH DASHER churns—Buckeye Churn Co., Sidney, Ohio
ASHLAND deep well—F. E. Myers & Bro., Ashland, Ohio
ASHLAND gut strings—Ashland Mfg. Co., W. 43d & S. Hermitage av, Chicago, Ill.
ASHLAND pig iron—Ashland Iron & Mining Co., Ashland, Ky.
ASHLAND roller lawn swings, ratchet handle & hand pumps—F. E. Myers & Bro., 800 Orange, Ashland, Ohio
ASHLAR anchor bolts—Scovil Iron & Steel Co., 243 17th, Jersey City, N. J.
ASHLEY steel boiler settings—Tomahawk Steel & Iron Works, Tomahawk, Wis.
ASHTON fountains, gage cocks, valves—Ashton Valve Co., 161 First, Cambridge, Mass.
ASHTON sight feed lubricators—Walter L. Flower Co., St. Louis, Mo.
ASHWELL railroad copying paper—Wm. Mann Co., 529 Market, Phila., Pa.
ASPHATOIL road binders & preservatives—Gulf Refining Co., Frick bldg Annex, Pittsburgh, Pa.
ASPINWALL potato diggers & potato planters—Aspinwall Mfg. Co., Jackson, Mich.
ASSOCIATED automatic fire sprinklers—Associated Automatic Sprinkler Co., 2216 Vine, Phila., Pa.
ASTEROID asphalt roofing—Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, Ohio
ASTOR gas heaters, radiators, hot air furnaces & stoves—Union Stove Works, 70 Beekman, New York
ASTOR FRANKLIN fireplace heaters—Union Stove Works, 70 Beekman, New York
AS-YOU-LIKE-IT desk telephone brackets—K. & B. Co., 25 No. 7th, Phila., Pa.
ATERITE non-corrosive alloy & products—M. H. Aterite Co., Inc., 55 John, New York
ATH-A-NOR hot air furnaces—May-Fieberger Co., Akron, Ohio
ATHERMOS refrigerators—Gurney Refrigerator Co., Fond du Lac, Wis.
ATHERTON coaster brakes—Buffalo Metal Goods Co., 196 Winchester av, Buffalo, N. Y.
ATHERTON loom pickers—Whitin Machine Works, Whitinsville, Mass.
ATHEY weather strips—Athey Co., 2355 S. La Salle, Chicago, Ill.
ATHOL jewelers' vises—Athol Machine Co., Athol, Mass.
ATKINS slime classifiers—Colorado Iron Works Co., Denver, Colo.
ATKINS A. A. car movers—E. C. Atkins & Co., Indianapolis, Ind.
ATKINSON gas producers—Dornfeld-Kunert Co., Watertown, Wis.
ATLANTA bench grinders & Emery Wheel Dressers—A. A. Wood & Sons Co., Atlanta, Ga.
ATLANTIC bagties—Atlantic Jute Mills, Norfolk, Va.
ATLANTIC belt dressing—Atlantic Mfg. Co., Wilmington, Del.
ATLANTIC belting, rubber hose & packing—Quaker City Rubber Co., 629 Market, Phila., Pa.
ATLANTIC cans, tin dairy pails, refrigerator, pans & watering pots—Atlantic Stamping Co., 156-180 Ames, Rochester, N. Y.
ATLANTIC packing—A. W. Chesterton Co., 64 India, Boston, Mass.
ATLANTIC pumps—Harold L. Bond Co., 391 Atlantic av, Boston, Mass.
ATLANTIC shingle stains—Atlantic Paint Co., Cleveland, Ohio
ATLANTIC steam shovels—Bucyrus Co., South Milwaukee, Wis.
ATLANTIC stoves—Grinberg Bros., 154 South, New York
ATLAS house raising jacks—McKiernan-Terry Drill Co., 15 Park Row, New York
ATLAS belting—Acme Belting Co., Niles, Mich.
ATLAS breaking plows—S. R. White's Sons, Norfolk Va.
ATLAS car movers—Appleton Car Mover Co., Appleton, Wis.
ATLAS cement—Atlas Portland Cement Co., 30 Broad, New York
ATLAS A. chemical weed killer—Chipman Chemical Engng Co., Inc., 95 Liberty, New York
ATLAS E. boiler compound—Chipman Chemical Engng Co., Inc., 95 Liberty, New York
ATLAS S. hide & skin preservative—Chipman Chemical Engng Co., Inc., 95 Liberty, New York
ATLAS W. P. & D. wood preservative—Chipman Chemical Engng Co., Inc., 95 Liberty, New York
ATLAS hot die & special alloy steel—Atlas Crucible Steel Co., Dunkirk, N. Y.
ATLAS electric blowers & exhausters—Horning Electric & Mfg. Co., Cleveland, Ohio
ATLAS elevator boots—Link-Belt Co., 39th & Stewart av, Chicago, Ill.
ATLAS fire extinguishers—Northern Fire Apparatus Co., Minneapolis, Minn.
ATLAS fly killers—Atlas Mfg. Co., New Haven, Conn.
ATLAS grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
ATLAS hair pickers—Curtis & Marble Machine Co., Worcester, Mass.
ATLAS IMPROVED plow steel rope — Fischer & Hayes Rope Co., 602 W. Lake, Chicago, Ill.
ATLAS life saving nets—S. F. Hayward & Co., 250 W. 54th, New York
ATLAS lubricating oils & greases —Swan & Finch Co., 165 B'way, New York
ATLAS metallic window frame—Manhattan Iron & Steel Sales Co., 122 E. 132d, New York
ATLAS platform trucks—Pressed Steel Truck Co., 844 Penna av, Pittsburgh, Pa.
ATLAS post caps & bases—Emil W. Ritter Co., 223 W. Austin av, Chicago, Ill.
ATLAS post hole diggers—Seymour Mfg. Co., Seymour, Ind.
ATLAS pressure regulators—Hall Mfg. Co., Harrison, N. J.
ATLAS primary batteries—Eastern Signal & Supply Co., 30 Church, New York
ATLAS sanitary flooring—Atlas Floor Co., Old Colony bldg, Chicago, Ill.
ATLAS shears—Atlas Shear Co., Bridgeport, Conn.
ATLAS staybolt iron—Pittsburgh Forge & Iron Co., Chamber of Commerce bldg, Pittsburgh, Pa.
ATLAS steel balls—Atlas Ball Co., 4th & Glenwood av, Phila., Pa.
ATLAS sugar cloth bags—Atlantic Jute Mills, Norfolk, Va.
ATLAS switches, car movers, rail joints & track rail grinders—Atlas Railway Supply Co., 431 S. Dearborn, Chicago, Ill.
ATLAS tire air pumps—Bridgeport Brass Co., Bridgeport, Conn.
ATLAS water heaters—Mustee Water Heater Co., 3409 Superior av, Cleveland, Ohio
ATLAS water supply system—Deming Co., Salem, O.
ATLAS weather strips—D. W. Bosley Co., 122 S. Michigan av, Chicago, Ill.
AT LAST clothes washing machines—At Last Washer Co., Perry, Ia.
ATOMIST hand potato sprayers—Harry Bros. Mfg. Co., 282 E. Woodbridge, Detroit, Mich.
ATTACHO electric lanterns—Attacho Light Co., Syndicate Trust bldg, St. Louis, Mo.
ATTORNEY carbon paper—Non-Smut Carbon Mfg. Co., Rochester, N. Y.
ATTOS step ladders—Superior Ladder Co., Goshen, Ind.
ATWOOD box hinges—Stanley Works, New Britain, Conn.
ATWOOD line & pipe joints & tuyere cocks—Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
ATWOOD vacuum cleaners—Atwood Vacuum Cleaner Co., Rockford, Ill.
AUBURN brass balls & ball bearings—Auburn Ball Bearing Co., 26 Elizabeth, Rochester, N. Y.
AUBURN mica plugs—New York Mica & Mfg. Co., Auburn, N. Y.
AUBURN porcelain plugs—Auburn Ignition Mfg. Co., Auburn, N. Y.
AUBURN steam heaters—Utica Heater Co., Utica, N. Y.
AUBURN wagons—Auburn Wagon Co., Martinsburg, W. Va.
AUDEMAIER binoculars—Spencer Optical Mfg. Co., 5 Maiden Lane, New York
AUDIFFREN-SINGRUN ice & refrigerating machines—H. W. Johns-Manville Co., Madison av & 41st, New York
AUGMORE stacks & dies—Augmore Mfg. Co., 5407 Sweeney av, Cleveland, Ohio.
AUGUSTINE rotary engines—Augustine Automatic Rotary Engine Co., Buffalo, N. Y.
AULD CO. pressure reducing valves—Schutte & Koerting Co., 1251 N. 12th, Phila., Pa.
AULTMAN-TAYLOR traction engines—Aultman & Taylor Machinery Co., Mansfield, Ohio
AUNT DINAH'S sink strainers—Andrews Wire & Iron Works, Rockford, Ill.
AURORA cupola ventilators—Messenger & Parks Mfg. Co., Aurora, Ill.
AURORA dinner pails—National Enameling & Stamping Co., 411 5th av, New York

AURORA drill presses—Aurora Tool Works, Aurora, Ind.
AURORA dumping wagons—Western Wheeled Scraper Co., Aurora, Ill.
AURORA glass shades—Consolidated Lamp & Glass Co., Coraopolis, Pa.
AURORA lubricating oils & greases—Pigot, Sayre Co., 73 Front, New York
AURORA red sheet packing—General Asbestos Rubber Co., Charleston, S. C.
AURORA rubber hose—National India Rubber Co., Bristol, R. I.
AURORA rural mail boxes—Geo. E. Roesch, Aurora, Ill.
AURORA typewriter ribbons & carbon paper—Miller-Bryant-Pierce Co., Aurora, Ill.
AUSABLE horse nails—Ausable Horse Nail Co., Keeseville, N. Y.
AUSTIN air pumps—Homer F. Livermore Inc., 85 Pearl, Boston, Mass.
AUSTIN concrete mixers—Municipal Engineering & Contracting Co., Railway Exchange bldg, Chicago, Ill.
AUSTIN drainage excavators—F. C. Austin Inc., Railway Exchange bldg., Chicago, Ill.
AUSTIN locomotive sanders—United States Metallic Packing Co., 423 N. 13th, Phila., Pa.
AUSTIN oil separators—Austin Separator Co., Detroit, Mich.
AUSTIN pipe organs—Austin Organ Co., Hartford, Conn.
AUSTIN tire pumps—Wm. J. Bride Co., Reading, Mass.
AUSTRIAN-AMERICAN sanitary flooring—Frantz Djorup, 133 W. Washington, Chicago, Ill.
AUTO CLEANER garden rakes—G. A. Swineford Co., Canton, Ohio.
AUTO CLE wrenches—Frank Mossberg Co., Attleboro, Mass.
AUTOCLIPSE automobile headlights—Badger Brass Mfg. Co., Kenosha, Wis.
AUTOCLAVE milk sterilizing apparatus—Castle, Wilmot Co., Rochester, N. Y.
AUTO CRANE portable clam shell tractors & car unloaders—John F. Byers Machine Co., 242 S. Sycamore, Ravenna, Ohio
AUTOCRAT binoculars—American Thermo Ware Co., 16 Warren, New York
AUTOCRAT dry batteries—Stackpole Carbon Co., St. Marys, Pa.
AUTOCRAT motor oil & greases—Bayerson Oil Works, Erie, Pa.
AUTOFORCE ventilators—Autoforce Ventilating System, 53 Devonshire, Boston, Mass.
AUTOS FRIEND socket wrenches—Chas. Miller, Syracuse, N. Y.
AUTO HOT garage heaters—Kanneberg Roofing & Ceiling Co., Canton, O.
AUTO-KEMCLO chemical closets—Automatic Chemical Closet Co., Minneapolis, Minn.
AUTO KING automobile oil soap—National Soap Co., 440 Franklin, Detroit, Mich.
AUTO KING socket wrenches—Azadian Gauge Mfg. Co., Industrial bldg, Syracuse, N. Y.
AUTO KURE medical batteries—J. H. Bunnell & Co., 32 Park pl, New York.
AUTOLEUM lubricating oil & greases—Advance Packing & Supply Co., 11-15 N. Franklin, Chicago, Ill.
AUTOLINE lubricating oils & greases—Wm. C. Robinson & Son Co., 32 South, Baltimore, Md.
AUTOMAT oxy-acetylene welding—Messer & Co., 210 N. 13th, Phila, Pa.
AUTOMATIC can makers' machinery—Chas. Stecher Co., 1580 Crossing, Chicago, Ill.
AUTOMATIC heaters—Pittsburgh Water Heater Co., Columbia Bank bldg, Pittsburgh, Pa.
AUTOMATIC time stamps & recorders—Automatic Time Stamp Co., 159 Congress, Boston, Mass.
AUTOMOBILE aluminum & manganese bronze castings; bearing metal—Sight Mfg. & Foundry Co., Pottstown, Pa.
AUTOPHONE automatic telephones—S. W. Couch Co., Norfolk Downs, Mass.
AUTO QUEEN wrenches—C. M. B. Wrench Co., Garwood, N. J.
AUTO RUBBER cements—National Rubber & Specialties Co., Cincinnati, Ohio
AUTO-SPRAY pumps & paint spraying machines—E. C. Brown Co., Rochester, N. Y.
AVALANCHE pneumatic weighers—Climax Machinery Co., Indianapolis, Ind.
AVENARIUS CARBOLINEUM wood preservatives—Carbolineum Wood Preserving Co., 41 Greene, New York
AVERY agricultural implements, pea hullers, self-feeders & ban cutters for threshers, stalk cutters, steam traction engines, straw burning traction engines, traction engine gang plows—Avery Co., Peoria, Ill.
AVERY cultivators, harrows, potato diggers, fertilizer distributors—B. F. Avery & Sons, Louisville, Ky,
AVERY tractors—Avery Co., Peoria, Ill.
AVEY drilling machines—Cincinnati Pulley Machinery Co., Covington, Ky.
AVIATOR sewing machines—Free Sewing Machine Co., 636 S. Clark, Chicago, Ill.
AVIS fly traps—A. B. Avis, Pomona, Cal.
AVON ironing boards—S. J. Eisenmann, 369 Broadway, New York
AVON stoves—Union Stove Works, 70 Beekman, New York
AWAY FROM THE WALL pipe hangers—Ira G. Lane Co., 1077 3d av, New York
AWL-IN-ONE plows—Gantt Mfg. Co., Macon, Ga.
AXEL switch staples—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.
AXELSON sucker rods—Axelson Machine Co., 1406 San Fernando, Los Angeles, Cal.
AXIOM rules—Irving Mfg. & Tool Co., 157 Chambers, New York
AXONETAT car lighting belts—Victor Balata & Textile Belting Co., 38 Murray, New York
AXTELL weather strips—E. I. Church & Co., W. Hanover, Mass.
AXWELL spark plugs—Axwell Equipment Co., 421 Wood, Pittsburgh, Pa.
AYERS peanut planters—J. R. Ayers, Petersburg, Va.
AZAK solid cotton belting—Carton Belting Co., 52 Everett, Allston, Mass.
AZTEC graphite paints—Lincoln Paint & Color Co., Lincoln, Neb.
AZTEC oil tanks & pumps—A. C. Kraft, 323 W. Lake, Chicago, Ill.
AZTEC road binders—U. S. Asphalt Refining Co., 90 West, New York
AZURE kitchen enameled ware—Belmont Stamping & Enameling, New Phila., Ohio

B. adjustable wrenches—Frank Mossberg Co., Attleboro, Mass.
B. cotton twine—Estes Mills, Fall River, Mass.
B. feed grinding mills—Duplex Mfg. Co., Superior, Wis.
B. fire resisting cements—Howard Co., New Haven, Conn.
B. photometers—American Meter Co., 3112 N. 17th, Phila., Pa.
B. B. clothes washing machines—H. F. Brammer Mfg. Co., Davenport, Ia.
B. B. coil chains—Columbus McKinnon Chain Co., Columbus, Ohio
B. B. coil chains—Hayden-Corbett Chain Co., Columbus, Ohio
B-B crushers—Chalmers-Williams Mfg. Co., 1461 Arnold, Chicago Heights, Ill.
B. B. damper clips—Berger Bros. Co., 229 Arch, Phila., Pa.
B. B. double acting spring hinges—Penn Hardware Co., Reading, Pa.
B. B. dusters, dustless dust cloths, cotton & dustless mops, floor sweeping brushes, etc.—Milton Chemical Co., 156 Sixth, Cambridge, Mass.
B. B. expanded metal lath—Berger Mfg. Co., Canton, Ohio
B-B pumps & windmills—Beckman Bros., Des Moines, Ia.
B. B. sewer gas traps, bath traps, soderless copper, floats, pipe nipple holders, flushing valves & tank valves—Boston Brass Co., Waltham, Mass.
B. B. shoveling & end gate boards—Hayes Pump & Planter Co., Galva, Ill.
B. B. trolley track door hangers—Sharon Hardware Mfg. Co., Sharon, Pa.
B. B. B. coil chains—Columbus Chain Co., Columbus, Ohio
B. B. B. coil chains—Hayden-Corbett Chain Co., Columbus, Ohio
B-BRITE carriage top dressing—Polish Products Co., Kansas City, Mo.
B. B. copper ingots—Balbach Smelting & Refining Co., 580 Market, Newark, N. J.
B. C. rubber covered wire—Simplex Wire & Cable Co., 201 Devonshire, Boston, Mass.
B. C. SPIRITS turpentine—Ball Chemical Co., Fulton Bldg., Pittsburgh, Pa.
B-C-CO FAN pumps—Black-Clawson Co., Hamilton, Ohio
B. C. & D. belting—Bickford & Francis Belting Co., 35 Pearl, Buffalo, N. Y.

B-D carbureters—Detroit Motor Castings Co., 229 Beaufait, Detroit, Mich.
B. G. D. loom pickers—E. H. Jacobs Mfg. Co., Danielson, Conn.
B. H. M. Tool sets—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
B. H. MFG. CO. universal joints—B. Hoffman Mfg. Co., Milwaukee, Wis.
B-K disinfectants—General Laboratories, Madison, Wis.
B. K. metal polish—A. B. Polish Co., 1515 Haddon av, Chicago, Ill.
B-L-K cow milking machine vacuum pumps—D. H. Burrell & Co., Little Falls, N. Y.
B. M. C. steam condensers, tank heaters, steel bins, corn cribs, etc—Butler Mfg. Co., Kansas City, Mo.
B. O. blow-off valves—L. J. Bordo Co., 12th & Thompson, Phila, Pa.
B. O. E. sad irons—Loetcher-Ryan Mfg. Co., Dubuque, Ia.
B. O. E. spark plugs—Delta Mfg. Co., Bloomfield, N. J.
B. O. T. plumbers' santiary earthenware, water closets, closet seats & tanks—American Sanitary Works, Washington, N. J.
B. P. S. paint—Patterson-Sargent Co., Cleveland, Ohio
B. R. E. hygiene closets & tanks—B. R. E. Mfg. Co., Hyde Park, Mass.
B. R. E. HYGIENE closet seats—B. R. E. Mfg. Co., Hyde Park, Mass.
B. S. breast strap slides—Frazer & Jones Co., Syracuse, N. Y.
B-S insulating compounds—Mitchell-Rand Mfg. Co., 99 John, New York
B. S. Co. iron screws—Bridgeport Screw Co., Bridgeport, Conn.
B. T. & B. molders' flasks—Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
B. V. S. varnish—Patterson-Sargent Co., Cleveland, Ohio
B-VER expansion reamers—Hjorth Lathe & Tool Co., 27 School, Boston, Mass.
B. W. DEFIANCE bond paper—Weston Byron Co., Dalton, Mass.
B. W. H. splicing compound tape—Boston Woven Hose & Rubber Co., Cambridge, Mass.
B. & B. commutator truing tools—General Electric Co., Schenectady, N. Y.
B. & B. foundry moulding machines—B. & B. Mfg. Co., Indianapolis, Ind.
B. & B. gas engines—Buckeye Engine & Foundry Co., Joliet, Ill.
B. & B. propeller wheels—Bryant & Berry Co., 32 W. Atwater, Detroit, Mich.
B. & C. floor & ceiling plates—Beaton & Corbin Mfg. Co., Southington, Conn.
B. & C. S. wrenches—Bemis & Call Hardware & Tool Co., 983 Main, Springfield, Mass.
B. & D. electric drills & portable grinders—Black & Decker Mfg. Co., 111 S. Calvert, Baltimore, Md.
B. & D. CO., knives & ice chisels—Browne & Dowd Mfg. Co., Meriden, Conn.
B. & E. gas engines—Bates & Edmonds Motor Co., Lansing, Mich.
B. & F. belting—Bickford & Francis Belting Co., 35 Pearl, Buffalo, N. Y.
B. & F. belting—J. F. & W. H. Warren Co., Worcester, Mass.
B. & G. fanning mills—Bristol & Gale Co., 158 Carroll av, Chicago, Ill.
B. & H. cement—Cumberland Hydraulic Cement & Mfg. Co., Cumberland, Md.
B. & K. coal jigs—Mt. Carmel Iron Works, Mt. Carmel, Pa.
B. & K. guy anchors & clamps—Barnes & Kobert Mfg. Co., Milldale, Conn.
B. & K. pipe cutters & die grinding machines—Bignall & Keeler Mfg. Co., Edwardsville, Ill.
B. & M. babbitt metal—H. K. & F. S. Benson, Glen Ridge, N. J.
B. & O. cotton threads—Blodgett & Orswell Co., Pawtucket, R. I.
B. & O. punches & tire upsetters—Butts & Ordway Co., 33 Purchase, Boston, Mass.
B. & P. loose leaf devices—Boorum & Pease Co., 109 Leonard, New York
B. & S. cutter heads—Buettner Shelburne Machine Co., Terre Haute, Ind.
B. & S. ring oiling hangers—T. B. Woods' Sons Co., Chambersburg, Pa.
B. & S. stocking cutters—Brown & Sharpe Mfg. Co., Providence, R. I.
B. & S. wrenches, chisels, clamps, pliers & nippers, drop hammers & presses tool kits—Billings & Spencer Co., Hartford, Conn.
B. & W. creamery churns, milk heaters—D. H. Burrell & Co., Little Falls, N. Y.
B. & W. sliding furniture shoes—Brainard & Wilson Corp., Danbury, Conn.
B. & W. water tube boilers—Babcock & Wilcox Co., 85 Liberty, New York
B. & W. water tube expanders—Gustav Wiedeke & Co., Dayton, Ohio
B. & Z. corn & cob mills—Barry & Zecher Co., Lancaster, Pa.
BABBITT 1776 soap powder—B. T. Babbitt, 11 B'way, New York
BABBITTS' CLEANSER compounds—B. T. Babbitt, Inc., 11 Broadway, New York
BABCOCK fire extinguishers—S. F. Hayward & Co., 250 W. 54th, New York
BABCOCK milk testers—Dairy Specialty Co., West Chester, Pa.
BABCOCK shears—Clark Bros. Cutlery Co., Kansas City, Mo.
BABCOCK & KELLEY oil & grease cup lubricators—Crescent Oil & Supply Co., 303 Main, St. Louis, Mo.
BABY belt lacing machines—Clipper Belt Lacer Co., 1042 Front av, Grand Rapids, Mich.
BABY garden & cultivators—Empire Plow Co., Cleveland, Ohio
BABY lawn sprinklers—Standard Stamping Co., Marysville, Ohio
BABY revolvers—R. F. Sedgley, 2311 N. 16th, Phila., Pa.
BABY spark plugs—Reflex Ignition Co., Cleveland, Ohio
BABY ventilating fans—Buffalo Forge Co., Buffalo, N. Y.
BABY DYNAMO electric toys—Rhode Island Telephone & Electric Co., 55 Pine, Providence, R. I.
BABY GRAND egg boilers—Berger & Hamden Mfg. Co., Homestead, Pa.
BABY GRAND lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.
BABY SUPERIOR fly traps—Stuber & Kuck Co., Peoria, Ill.
BACHELDER steam engine indicators—Richard Thompson & Co., 126 Liberty, New York
BACHMAN water softening & purifying apparatus—D. W. Patterson, 15 1/2 Market, Phila., Pa.
BACK HAWK packing—Revere Rubber Co., Chelsea, Mass.
BACKUS fireplace heaters, gas heaters & logs—Backus Corp., 40 Kilby, Boston, Mass.
BACON cultivators—Bacon Mfg. Co., Pontiac, Mich.
BACON felts, felt washers, wheels, polishing wheels, wadding wool—Bacon Felt Co., Winchester, Mass.
BACON gas ranges—Thos. White Stove Co., Quincy, Ill.
BADENHAUSEN water tube boilers—Badenhausen Co., 1429 Chestnut, Phila., Pa.
BADGER anvils—American Skein & Foundry Co., Racine, Wis.
BADGER automobile tire holders—Auto Parts Mfg. Co., Milwaukee, Wis.
BADGER car movers—Ransome-Leach Co., 115 B'way, New York
BADGER cattle stanchions—Gehl Bros. Mfg. Co., West Bend, Wis.
BADGER closet seats—Plumbers Woodwork Co., Algoma, Wis.
BADGER concrete mixers—Badger Concrete Mixer Co., First Nat. Bk. bldg, Milwaukee, Wis.
BADGER corn shellers—Appleton Mfg. Co., Batavia, Ill.
BADGER cultivators—Kingman Plow Co., Peoria, Ill.
BADGER cylinder oil—Wadham's Oil Co., Nat'l Bk. Bldg, Milwaukee, Wis.
BADGER files—Racine File Co., Racine, Wis.
BADGER fly pillers—Hoaglin Mfg. Co., Waupaca, Wis.
BADGER gas & gasoline engines—Christensen Engineering Co., Milwaukee, Wis.
BADGER oil filters—Wisconsin Foundry & Machine Co., Madison, Wis.
BADGER post hole diggers—Hall Mfg. Co., Monticello, Iowa
BADGER potato diggers—McKenzie Bros. Mfg. Co., La Crosse, Wis.
BADGER punching & shearing machines—Rock River Machine Co., Janesville, Wis.
BADGER rubber belting—Goodyear Rubber Co., 539 Mission, San Francisco, Cal.
BADGER spring tooth harrows—Eureka Mower Co., 16 Hickory, Utica, N. Y.
BADGER tank heaters—Duplex Mfg. Co., Superior, Wis.
BADGER STATE fanning mills—Foster & Williams Mfg. Co., Racine, Wis.

BAER barrel washing machines—A. S. Baer & Son, 106 Wall, New York
BAERTL pulley covering—Baertl Anti-Slip Cement Co., 97 Water, New York
BAGLEY railroad graders—Bagley Grader Co., Tacoma, Wash.
BAILEY adjustable iron planes & spoke shaves—Stanley Rule & Level Co., New Britain, Conn.
BAILEY augur bits—Ohio Tool Co., Columbus, Ohio
BAILEY auger & machine bits & brace dowels—Ohio Tool Co., Charleston, W. Va.
BAILEY chain hoists—Jas. P. Dunn, Cleveland, Ohio
BAILEY WONT SLIP cushioned tires—C. J. Bailey & Co., 22 Boylston, Boston, Mass.
BAILEY meters, air, boiler feed water, gas, hot water, steam, water & water flow & wier recorders—Bailey Meter Co., 141 Milk, Boston, Mass.
BAILEY post drills—Illinois Iron & Bolt Co., Carpentersville, Ill.
BAILEY'S CROWN metal polish—Crown Chemical Co., Indianapolis, Ind.
BAIN wagons—Bain Wagon Co., (Ltd.) Kenosha, Wis.
BAIR bow separators & carriage fasteners—Auto Specialties Mfg. Co., 343 S. Dearborn, Chicago, Ill.
BAIRD fresh water distilling evaporators—M. T. Davidson Co., 43 Keap, Brooklyn, N. Y.
BAIRD pottery molders—Baird Machine & Mfg. Co., 1366 Beaubien, Detroit, Mich.
BAIRD tumbling barrels—Baird Machine Co., Bridgeport, Conn.
BAIRSTOW BROS. flyers—Speed & Stephenson, 170 Summer, Boston, Mass.
BAKELITE gears—Wm. Ganschow Co., 1001 Washington blvd, Chicago, Ill.
BAKELITE insulating compounds, baking enamels & lacquer—General Bakelite Co., 2 Rector, New York
BAKELITE-DILECTO fibre specialties—Continental Fibre Co., Newark Centre, Del.
BAKER barbed wire—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
BAKER fire hose—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
BAKER gasoline engines—Baker Mfg. Co., Evansville, Wis.
BAKER leather staking machines—G. W. Baker Machine Co., 218 French, Wilmington, Del.
BAKER oil separators—Wheeler Condenser & Engineering Co., Carteret, N. J.
BAKER ore coolers—Stearns-Roger Mfg. Co., Denver, Colo.
BAKER piston valves—Baker Valve Co., 1855 E. 28th, Minneapolis, Minn.
BAKER plaster—United States Gypsum Co., 205 W. Monroe, Chicago, Ill.
BAKER saw benches & key seating machines—Baker Bros., Toledo, O.
BAKER splitting machinery—Wm. H. Baker, Trenton, N. J.
BAKER steel bins—Arthur G. McKee & Co., Cleveland, Ohio
BAKER valve gear—Pilliod Co., 30 Church, New York
BAKER vault & sidewalk lights—Sommerville Iron & Bronze Co., 5641 Butler, Pittsburgh, Pa.
BAKER windmill regulators—Baker Mfg. Co., Evansville, Wis.
BAKER MANEY 4 wheel scraper—Baker Mfg. Co., 1000 Stanford av, Springfield, Ill.
BAKER & SHEVLIN blow-off valves—Baker Mfg. Corp., Saratoga Springs, N. Y.
BAKER'S filter paper—J. T. Baker Chemical Co., Phillipsburg, N. J.
BAKOROST fireless cookers — Grand Rapids Screw Co., Grand Rapids, Mich.
BAK-PUSH water closets—Pittsburgh Brass Mfg. Co., Pittsburgh, Pa.
BAL BUILT automobile trunks—William Bal Co., 7 Vesey, Newark, N. J.
BALDWIN acetylene mine lamps—John Simmons Co., 110 Centre, New York
BALDWIN cash carriers—Jas. L. Baldwin & Co., 350 W. Madison, Chicago, Ill.
BALDWIN feed cutters—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
BALDWIN packing—Anchor Packing Co., Lafayette bldg., Philadelphia, Pa.
BALDWIN power transmission chains—Baldwin Chain & Mfg. Co., Worcester, Mass.
BALDWIN windmills—Walker Mfg. Co., Council Bluffs, Ia.
BALDWIN'S AMERICAN cultivators—Donaldson Bros., Mt. Clemens, Mich.
BALL gears—N. Y. Gear Works, 56 Greenpoint av, Brooklyn, N. Y.
BALL jelly glasses—Ball Bros. Glass Mfg. Co., Muncie, Ind.
BALL jelly tumblers—Ball Bros. Glass Mfg. Co., Muncie, Ind.
BALL lubricating oils — Colgan Mfg. & Supply Co., 118 Maiden la, New York
BALL track drills—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.
BALL IDEAL fruit jars—Ball Bros. Glass Mfg. Co., Muncie, Ind.
BALL IMPROVED fruit jars—Ball Bros. Glass Mfg. Co., Muncie, Ind.
BALL PERFECT MASON fruit jars—Ball Bros. Glass Mfg. Co., Muncie, Ind.
BALL PERFECT SEAL fruit jars—Ball Bros. Mfg. Co., Muncie, Ind.
BALL & FITTS oil meters—Union Water Meter Co., Worcester, Mass.
BALLARD track bolts—Ballard Drop Forge Co., Seattle, Wash.
BALLISTITE smokeless shotgun powders—(E. I.) du Pont de Nemours & Co., Wilmington, Del.
BALLOON fly traps—National Mfg. Co., Worcester, Mass.
BALL'S paint & varnish remover—Ball Chemical Co., Fulton Bldg., Pittsburgh, Pa.
BALLWOOD welded flanges—Ballwood Co., 30 Church, New York.
BALTIMORE ball bearings & center plates—T. H. Symington Co., Md. Trust bldg., Baltimore, Md.
BALTIMORE hay presses—Sinclair-Scott Co., B. & O. R. R., Wells & Patapsco, Baltimore, Md.
BALTIMORE wagon jacks—Lansing Co., Lansing, Mich.
BALTIMORE water filters—Loomis-Manning Filter Mfg. Co., 1421 S. 27th, Phila., Pa.
BALTIMOREAN printing presses & machinery—J. F. W. Dorman Co., 526 N. Calvert, Baltimore, Md.
BALTO-BELT belting—Baltimore Belting Co., 115 W. Lombard, Baltimore, Md.
BALTZY steel stove trucks—Arcade Mfg. Co., Freeport, Ill.
BALZAN steel stove trimmings—Arcade Mfg. Co., Freeport, Ill.
BANFIELD BEST BRIGHT tin plates—Follansbee Bros. Co., Pittsburgh, Pa.
BANGOR RIBBON roofing slate—Auld & Conger Co., 942 Prospect, Cleveland, Ohio.
BANKER wind shields—Banker Wind Shield Co., 5722 Ellsworth av, Pittsburgh, Pa.
BANKER'S blotting paper—Standard Paper Mfg. Co., Hull & Canal, Richmond, Va.
BANKERS' SAFETY paper—Geo. Le Monte & Son, 61 B'way, New York
BANNER aqua & anhydrous ammonia, chloride of lime & powdered lye—Penn Chemical Works, Phila., Pa.
BANNER clothes washing machines—Boss Washing Machine Co., Cincinnati, Ohio.
BANNER cream separators—Seither & Cherry Co., Keokuk, Ia.
BANNER cultivators—F. C. Mason & Co., St. Johns, Mich.
BANNER cultivators—Racine-Sattley Co., Springfield, Ill.
BANNER hydrate lime—National Mortar & Supply Co., 2nd Nat'l Bank bldg, Pittsburgh, Pa.
BANNER incandescent electric lamps—Banner Electric Works of G. E. Co., Youngstown, Ohio.
BANNER knitting machinery—Hemphill Mfg. Co., Central Falls, R. I.
BANNER loose leaf devices—Nelson Corp., 326 W. Madison, Chicago, Ill.
BANNER lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio.
BANNER oil cup lubricators—American Lubricator Co., Detroit, Mich.
BANNER oil stoves & heaters—Plume & Atwood Mfg. Co., Waterbury, Conn.
BANNER potato diggers—Greenville Implement Co., Greenville, Mich.
BANNER road scrapers—Amer. Steel Scraper Co., Sidney, O.
BANNER root cutters—O. E. Thompson & Sons, Ypsilanti, Mich.
BANNER steel tape—Lufkin Rule Co., Saginaw, Mich.
BANNER switch stands—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.
BANNER vacuum cleaners—Banner Machine Co., Columbiana, Ohio.
BANNER welding compounds, boiler compounds, belt dressing—Cortland Specialty Co., 174 Railroad, Cortland, N. Y.

BANNISTER carriage wheels—Muncie Wheel Co., Muncie, Ind.
BANNISTER grate bars—Mechanics' Iron Foundry Co., 38 Kemble, Boston, Mass.
BANNISTER'S concrete spades—Conneaut Shovel Co., Conneaut, Ohio.
BANNON'S lidded pipe—P. Bannon Pipe Co., Louisville, Ky.
BANTAM incubators & brooders—Buckeye Incubator Co., Springfield, Ohio.
BARBER bit braces & drill chucks—Millers Falls Co., 28 Warren, New York.
BARBER car trucks, side bearings & center plates—Standard Car Truck Co., 332 S. Michigan av, Chicago, Ill.
BARBER'S bit braces—Turner & Deegan, Bristol, Conn.
BARBET distilling apparatus—E. B. Badger & Sons Co., 75 Pitts, Boston, Mass.
BARBRACO belting—Barnum Bros. Co., Troy, N. Y.
BARCO flexible joints—Barco Brass & Joint Co., 212 W. Illinois, Chicago, Ill.
BARCROFT lever punching machines—Fred Barcroft, Madera, Cal.
BARCROFT punching machines—Fred Barcroft, Madera, Cal.
BARCUS air drill hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
BARD adjustable bushings—Armstrong Mfg. Co., 278 Knowlton, Bridgeport, Conn.
BARD unions—Bard Union Co., Norwich, Conn.
BARDEN'S grass hooks & 20th Century corn hooks—Wallingford Mfg. Co., Wallingford, Vt.
BARDSLEY wooden knobs—Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, Ohio
BARFLY rolling window screens—Barfly Screen Co., Portland, Me.
BARGAIN clothes lines—Estes Mills, Fall River, Mass.
BARHART log loaders—Goodyear Lumber Co., Marine Nat. Bank bldg., Buffalo, N. Y.
BARIO elec. furnaces & heat resisting metals—Bario Metal Corp., 167 W 18th, New York
BARION valves & gauges—Nelson Bogardus, Marshalltown, Ia.
BAR KEEPERS' FRIEND metal polish—Geo. W. Hoffman Co., 557 E. Washington, Indianapolis, Ind.
BARKELEW knife switches—Barkelew Elec. Mfg. Co., Middletown, Ohio
BARKER bit braces—Millers Falls Co., 28 Warren, New York
BARKER grate bars & massage vibrators—James Barker, 6th & Cayuga, Phila., Pa.
BARLER IDEAL oil stoves & heaters—A. C. Barler Mfg. Co., 341 E Ohio, Chicago, Ill.
BAR LOCK prismatic glass—American Bar Lock Co., 26th & Penna av, Phila., Pa.
BAR-LOCK vault & sidewalk lights—E. R. Taylor Co., 786 E. Bradbury, Boston, Mass.
BARNARD MOLINE feed grinding mills & separators & car pullers—Barnard & Leas Mfg. Co., Moline, Ill.
BARNARD kitchen enameled ware — New England Enameling Co., Middletown, Conn.
BARNARD lamp wick trimmers—H. B. Ives Co., New Haven, Conn.
BARNES fish nets—Carlos G. Young, 320 Market, San Francisco, Cal.
BARNES friction disc drills—W. F & Jno. Barnes Co. Rockford, Ill.
BARNES hay carriers—J. E. Porter Co., Ottawa, Ill.
BARNES night latches—Huber Mfg. Co., 417 E. 93d. New York
BARNES pipe cutters—Oswego Tool Co., Oswego, N. Y.
BARNES screw presses & tool grinders—W. F. & John Barnes Co., Rockford, Ill.
BARNES-MADE wire springs—Wallace Barnes Co., 18 Wallace, Bristol, Conn.
BARNETT tumbling barrels, molders' flasks, door checks & springs & gas pliers—Oscar Barnett Foundry Co., Irvington, N. J.
BARNHART'S gas analysis apparatus—Eimer & Amend, 205 3rd av, New York
BAR-NIC battery connectors, metal polish — Barcy-Nicholson Co., 37 W. Fort, Detroit, Mich.
BAR NONE packing—Schultz Patent Rubber Co., Philadelphia, Pa.
BARNSTEAD stills—Barnstead Water Still Co., 2 Lanesville Terrace, Forest Hills, Boston, Mass.
BAROL wood preservatives—Anthrol Wood Preserving Co., 12 E 15th, New York
BARON lamps, lanterns & oil cans—Ohio Lantern Co., Tiffin, Ohio
BARRE pneumatic stone cutters' tools—Trow & Holden Co., Barre, Vt.
BARRETT curtain rods—W. C. Barrett & Bro., 603 N. La Salle, Chicago, Ill.
BARRETT cylinder boring machines & pipe vises—Barrett Machine Tool Co., Meadville, Pa.
BARRETT grease & back water traps & valves—Jas. Barrett Mfg. Co., 117 Pearl, Boston, Mass.
BARRETT jacks—Duff Mfg. Co., N. S., Pittsburgh, Pa.
BARRETT marking gauges — Leavitt Machine Co., Orange, Mass.
BARRETT NONPAREIL cast iron cleanouts—Jas. Barrett Mfg. Co., 117 Pearl, Boston, Mass.
BARRETT'S creosote oils—Barrett Co., 17 Battery pl., New York
BARRETT tram cars—Roberts & Schaefer Co., 332 S. Michigan av, Chicago, Ill.
BARRINGTON bond paper—B. D. Rising Paper Co., Housatonic, Mass.
BARRON water coolers—Fearless Dish Washer Co., Rochester, N. Y.
BARR'S steam traps—Henry B. Pancoast Co., 243 S. 3rd, Phila., Pa.
BARRY parlor door hangers—Central City Bolt Co., Syracuse, N. Y.
BARRY STEEL SPLIT PULLEY wrought steel pulleys—R. & J. Dick (Ltd.), Passaic, N. J.
BARSTOW stoves & heaters—Barstow Stove Co., Providence, R. I.
BARTH wagon & track lifting jacks—Barth Mfg. Co., 350 Milwaukee, Milwaukee, Wis.
BARTHEL blow torches, furnaces & fire pots—Globe Gas Light Co., 25 Union, Boston, Mass.
BARTHOLDI electric gas lighters—A. L. Bogart, 72 Trinity pl, New York
BARTHOLOMEW self-feeders & band cutters—Avery Co., Peoria, Ill.
BARTLETT auger bit boxes—Bennett Mfg. Co., Portland, Me.
BARTLETT GRAVER water softening & purifying apparatus—Wm. Graver Tank Works, East Chicago, Ind.
BARTLEY nut & bolt fasteners—American Nut & Bolt Fastener Co., Ontario & Doerr, Pittsburgh, Pa.
BARTON steam traps—Automatic Steam Trap & Specialty Co., 315 Harper av, Detroit, Mich.
BARTON steam traps—John W. Barton, 2707 Vestry av, Cleveland, Ohio
BARTON'S car bells & gongs—Starr Bros. Bell Co., East Hampton, Conn.
BARTOW oil filters & libricators—Hall Mfg. Co., Harrison, N. J.
BARWOOD packing, cups & washers, leather frictions; gaskets, moulded leather, leather nuts & buttons; felt & fibre washers—L. J. Barwood Co., Stoneham Station, Boston, Mass.
BASELINE automobile towing ropes — Broderick & Bascom Rope Co., Main & Douglas, St. Louis, Mo.
BASOL paint—Jenkins Paint & Oil Co., Norfolk, Va.
BASTIAN electrolytic meter—Helois Mfg. Co., Bridesburg, Phila., Pa.
BATDORF coin wrapping machines—Automatic Coin Wrapping Machine Co., 80 Greenwich, New York
BATDORFF'S eave-trough hangers—Canton Cornice & Skylight Co., Canton, Ohio
BATES auger bits—Snell Mfg. Co., Fiskdale, Mass.
BATES dating & numbering machines—Bates Mfg. Co., 50 Church, New York
BATES numbering machines—Roberts Numbering Machine Co., 706 Jamaica av, Brooklyn, N. Y.
BATES spectroscopes & polariscopes—E. H. Sargent & Co., 125 W Lake, Chicago, Ill.
BATES steam & hot water heaters—Edw. P. Bates Co., Syracuse, N. Y.
BATES steel mule tractors—Joliet Oil Tractor Co., Joliet, Ill.
BATES tractors—Bates Tractor Co., Lansing, Mich.
BATES well curbing—J. H. Bates, Arlington, Providence, R. I.
BATH cements—Bath Portland Cement Co., Bath, Pa.
BATH grinders—Universal Grinding Machine Co., Fitchburg, Mass.
BATTERSEA crucibles—Henry Heil Chemical Co., St. Louis, Mo.
BATTLE packing—Keasbey & Mattison Co., Ambler, Pa.
BATTLE AX stove pipe & elbow—Hemp & Co., Vandeventer nr. Shaw, St. Louis, Mo.
BATTLE CREEK sand sifters—Battle Creek Sand Sifter Co., Battle Creek, Mich.
BATTLESHIP linoleums—Joseph Wild & Co., 366 5th av, New York
BAUER circular saw setting machines — Zeiller & Nagel, 233 Java, Brooklyn, N. Y.
BAUER gas engines—Bauer Machine Works Co., Kansas City, Mo.
BAUER'S button hole cutters—J. Wiss & Sons Co., 31 Littleton av, Newark, N. J.

BAUM steam separators—Geo. M. Newhall Engineering Co., 1419 Chestnut, Phila., Pa.
BAUM'S carriage top dressing—Baum's Castorine Co., Rome, N. Y.
BAUROTH gas & gasoline engines & grain elevators—Bauroth Bros., Springfield, Ohio
BAUSMAN lawn swings—Noll Bros. & Smith, Bausman, Pa.
BAXTER rubber aprons—Davol Rubber Co., 69 Point, Providence, R. I.
BAXTER wrenches—Greene, Tweed & Co., 109 Duane, New York.
BAY CITY packing & hose—Bowers Rubber Works, San Francisco, Cal.
BAYER feed water purifiers—Bayer Steam Soot Blower Co., St. Louis, Mo.
BAYLEY corn & cob mills—Gray Iron Casting Co., Springfield, Ohio
BAYLEY hand bone mills & steel corn cribs—Wm. Bayley Co., Springfield, Ohio
BAYLEY hot blast heating apparatus, steel window frame, etc.—Bayley Mfg. Co., Milwaukee, Wis.
BAYLEY-SPRINGFIELD wrought steel window frames—Wm. Bayley Co., Springfield, Ohio
BAYONET trolley wheels—Bayonet-Trolley-Harp Co., Springfield, Ohio
BAYONNE canvas roofing—John Boyle & Co., 112 Duane, New York
BAY STATE belting & hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
BAY STATE clippers—Coates Clipper Mfg. Co., Worcester, Mass.
BAY STATE die tool holders, machine bolt & screw dies—Bay State Tap & Die Co., Mansfield, Mass.
BAY STATE enamels, paints, varnishes, wood & shingle stains, carriage dressings, shellac, wood fillers, metal polish, varnish dryers, waterproofing materials, & hard wax floor polish—Wadsworth, Howland & Co., 141 Federal, Boston, Mass.
BAY STATE fruit & vegetable parers—Goodell Co., Antrim, N. H.
BAY STATE grinders—Robbins Machine Co., Worcester, Mass.
BAY STATE printing stamp racks, rubber vulcanizers & seal presses—R. H. Smith Mfg. Co., Springfield, Mass.
BAY STATE steam & hot water heaters—Barstow Stove Co., 116 Point, Providence, R. I.
BAY STATE sweep horse powers—C. L. Clark, St. Johnsburg, Vt.
BAY STATE traps—Joseph H. Young Co., 82 High, Boston, Mass.
BAY STATE JACKET cotton hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
BAY VIEW pig iron—Illinois Steel Co., 208 S. La Salle, Chicago, Ill.
BEACH drill chucks—Morse Twist Drill & Machine Co., New Bedford, Mass
BEACON leather crayons—American Crayon Co., Sandusky, Ohio
BEACON lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
BEACON oil pump lubricators — Wm. Powell Co., Cincinnati, Ohio
BEACON packing—Revere Rubber Co., Chelsea, Mass.
BEACON transformers—Electric Economy Co., 1529 Columbus av, Roxbury, Boston, Mass.
BEACON ATLANTIC rubber covered wire—Atlantic Insulated Wire & Cable Co., Stamford, Conn.
BEACONOID air brake hose—Thermoid Rubber Co., Trenton, N. J.
BEAMAN stadia surveying arc—W. & L. E. Gurley, Troy, N. Y.
BEAMER sand dryers—Roberts & Schaefer Co., 332 S. Michigan av, Chicago, Ill.
BEAN pneumatic painting machines—Bean Spray Pump Co., San Jose, Cal.
BEAR grease cups—Wm. Powell Co., Cincinnati, Ohio
BEAR lamp black—Wilckes, Martin, Wilckes Co., 135 William, New York
BEAR safety fuse—du Pont de Nemours & Co., E. I., Wilmington, Del.
BEAR traction engines—Wallis Tractor Co., Racine, Wis.
BEAR BRAND sheet metal products, canteens, etc.—Woolwine Metal Products Co., 8th & Santa Fe av, Los Angeles, Cal.
BEARD-DEPUTY miners' safety lamps—American Safety Lamp & Mine Supply Co., Scranton, Pa.
BEARD-MACKIE gas indicators—American Safety Lamp & Mine Supply Co., Scranton, Pa.
BEARDSLEY malleable iron cross arms—Eastern Malleable Iron Co., Naugatuck, Conn.
BEARTONE tire air pumps—Oakes Co., Indianapolis, Ind.
BEATEMALL file handles—Lutz File Co., 806 Broadway, Cincinnati, Ohio
BEAT-M. ALL spark plugs—A. R. Mosler & Co., Mt. Vernon, N. Y.
BEATRICE tank heaters—Dempster Mill Mfg. Co., Beatrice, Neb.
BEATS ALL carpet beaters—Beats All Mfg. Co., Fairmont, Minn.
BEATS ALL hame fasteners—A. H. Conn, Cedar Rapids, Ia.
BEATS ALL pressure reducing valves—Locke Regulator Co., Salem, Mass.
BEATTY & SONS bush hooks, butchers' cleavers and hatchets—John H. Black Co., Chester, Pa.
BEAU IDEAL gas arc lamps—Ideal Gas Light Co., Kalamazoo, Mich.
BEAUTY picture hooks—Forsyth Metal Goods Co., E. Aurora, N. Y.
BEAVER automobile engines—Beaver Mfg. Co., 1st and Oklahoma av, Milwaukee, Wis.
BEAVER easy working pipe threaders; square end pipe cutters—Borden Co., Warren, Ohio
BEAVER horse nails—Standard Horse Nail Co., New Brighton, Pa.
BEAVER hot air furnaces—Danville Stove & Mfg. Co., Danville, Pa.
BEAVER packing—H. Johnson Co., ft of Gates av, Jersey City, N. J.
BEAVER plaster boards—Beaver Co., 956 Beaver rd, Buffalo, N. Y.
BEAVER ready roofing—Chapman & Soden, 150 Oliver, Boston, Mass.
BEAVER safety fuse—du Pont de Nemours & Co., E. I., Wilmington, Del.
BECCO priming cups, spark plugs and wire terminals—Michigan Motor Specialties Co., Detroit, Mich.
BECHE power hammers—Nazel Engineering & Machine Works, 4049 N. 5th, Phila., Pa.
BECKER bolt clippers—J. B. Haberle, South Bend, Ind.
BECKER oil pumps; milling & profiling machines—Becker Milling Machine Co., Hyde Park, Mass.
BECKER pipe threaders—Handy Mfg. Co., Bridgeport, Conn.
BECKER telephone cable terminals—Central Tel. & Electric Co., 311 N. 11th, St. Louis, Mo.
BECKLEY'S composition blackboards—Beckley-Cardy Co., 312 W. Randolph, Chicago, Ill.
BECKTON WHITE lithopone—Harrison Works (Du Pont), 35th & Gray's Ferry rd, Phila., Pa.
BECO white plumbers' wood work—Becker Mfg. Co., Marietta, Ohio
BEDFORD hot water radiators—National Radiator Co., Trenton, N. J.
BEDFORD screw drivers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
BED ROCK adjustable iron planes—Stanley Rule & Level Co., New Britain, Conn.
BEE babbitt metal and melting furnaces—Leddell Metals Co., 281 Borden av, Long Island City, N. Y.
BEE cotton mops—Estes Mills, Fall River, Mass.
BEE electric hair dryers, massage vibrators and suction vacuum cleaners—Birtman Electric Co., 1422 W. Randolph, Chicago, Ill.
BEECHER automobile wind shields—Limousine-Carriage Mfg. Co., 3515 S. Michigan av, Chicago, Ill.
BEECHER draft springs—Beecher Draught Spring Co., New Haven, Conn.
BEE HIVE urinal strainers—Milwaukee Brass Mfg. Co., 251 Laplan, Milwaukee, Wis.
BEE HIVE window reflectors—Curtis-Leger Fixture Co., 235 W. Jackson blvd, Chicago, Ill.
BEEKMAN mercury testing columns—Geo. W. Heiland, 107 W. 13th, New York
BEEKO electric bells—J. H. Bunnell & Co., 32 Park pl, New York
BEEMAN garden tractors—Beeman Garden Tractors Co., 311 6th av, S., Minneapolis, Minn.
BEERY bridle bits—Imperial Bit & Snap Co., Racine, Wis.
BEETLE insecticide dusters—Leggett & Bro., 301 Pearl, New York
BEGGS farm wagons—Beggs Wagon Co., Kansas City, Mo.
BEHRINGER gas main stoppers—Edw. A. Behringer, Inc., 88 W. B'way, New York
BEILMAN-SEAMANS automatic water heaters—W. E. Beilman, Buffalo, N. Y.
BELAND self feeding drills—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
BELCHER'S magazine cartridge loader tools—U. S. Cartridge Co., Lowell, Mass.
BELDEN rosin core solder—Belden Mfg. Co., 2316 S. Western av, Chicago, Ill.

BELDENAMEL enameled & magnet—Belden Mfg. Co., 2316 Western av, Chicago, Ill.
BELDENITE flexible cords & rubber covered wire—Belden Mfg. Co., 2316 Western av, Chicago, Ill.
BELDING patternmakers' fillet—Shanafelt Mfg. Co., Canton, Ohio
BELER water heaters—Beler Water Heaer Co., Pittsburgh, Pa.
BELFIELD clay press cocks—Trenton Brass & Machine Co., Trenton, N. J.
BELGIAN table lamps—Dressel Railway Lamp Works, 3860 Park av, New York
BELIEVE ME toilet paper holders—L. H. Gardner Paper Co., Mumford, N. Y.
BELL arc lamps—Bell Arc Light Co., 20 W. Houston, New York
BELL barrel creamery churns—Oakes & Burger Co., Cattaraugus, N. Y.
BELL drop hammers and steam hammers—Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
BELL dusters—S. Levy, 618 New Market, Phila., Pa.
BELL engine lathes—Bell Electric Motor Co., Garwood, N. J.
BELL fireproof & waterproof exterior paints—Acme Asbestos Covering & Supply Co., 404 N. Ada, Chicago, Ill.
BELL packing—Restin Clement Co., 133 N. 2nd, Phila., Pa.
BELL padlock locks—Slaymaker Lock Co., Lancaster, Pa.
BELLAMY mirrorscopes—Novelty Mfg. Co., Waterbury, Conn.
BELLE churns—J. McDermaid, Rockford, Ill.
BELLE CITY ensilage cutters, threshers & hand carts—Belle City Mfg. Co., Racine, Wis.
BELLE CITY fanning mills—Racine Implement Co., Racine, Wis.
BELLE CITY incubators & brooders—Belle City Incubator Co., Racine, Wis.
BELLEFONTE lime—Palmer Lime & Cement Co., 103 Park av, New York
BELLEVILLE rice threashers—Harrison Mach. Works, Belleville, Ill.
BELLEVUE disc harrows & seeder attachments—Ohio Cultivator Co., Bellevue, Ohio
BELLEVUE lawn mowers—Supplee-Biddle Hardware Co., 510 Commerce, Phila., Pa.
BELL-FAST fish line sinkers—A. F. Meisselbach & Bros., 29 Congress, Newark, N. J
BELL'S disc harrows—Ohio Rake Co., Dayton, Ohio
BELL'S maple sugar evaporators—C. S. Bell Co., Hillsboro, Ohio
BELMONT hose—Restin Clement Co., 133 N. 2nd, Phila., Pa.
BELMONT hose & packing—Restin Clement Co., 133 N. 2nd, Phila., Pa.
BELMONT rubber horseshoe pads—Firestone Tire & Rubber Co., Akron, Ohio
BELOIT shears & punches—Slater-Marsden-Whitmore Co., Beloit, Wis.
BELTFILLER belt dressing—Chas. A. Schieren & Co., 30 Ferry, New York
BELT GRIP pulley covering—Belt Grip Pulley Co., 182 Breckenridge, Buffalo, N. Y.
BELTINE belt dressing—G. W. Gallaway, 322 Pearl, New York
BELTNOSLIP belt dressing—Druid Oak Belting Co., 111 E. Lombard, Baltimore, Md.
BELTZER autogenous welding—General Welding Co., Hoboken, N. J.
BEMAN oil cabinets, pumps, tanks & oil cans—Beman Automatic Oil Can Co., Meadville, Pa.
BEMCO automobile radiator covers, tennis racquet tire holders & mechanics' aprons—B. F. Mfg. Co., 18 W. 18th, New York
BEN-BOW desk telephone brackets—K. & B. Co., 8th & Chestnut, Philadelphia, Pa.
BENCO sockets—Benjamin Electric Mfg. Co., 128 S. Sangamon, Chicago, Ill.
BENDHICKS conduit fittings—Fairmount Electric & Mfg. Co., 2203 Pearl, Phila., Pa.
BENE-MEREIER rifles—Colt's Patent Fire Arms Mfg. Co., Hartford, Conn.
BENGAL hot air furnaces—Floyd-Wells Co., Royersford, Pa.
BEN-HUR metal polish—Ben-Hur Metal Polish Co., Crawfordsville, Ind.
BENJAMIN blind hinges—Parker Wire Goods Co., Worcester, Mass.
BENJAMIN lumber load binders—American Logging Tool Co., Evart, Mich.
BENJAMIN screw drivers, stove pipe braces & ventilating sash locks—Benjamin-Sellar Mfg. Co., 559 W. Quincy, Chicago, Ill.
BENJAMIN THUMEZY fishing reels—Benjamin-Sellar Mfg. Co., 559 W. Quincy, Chicago, Ill.
BENNET cable pullers & tile ditching machines—H. L. Bennet & Co., Westville, Ohio
BENNETT carbureters—Wilcox-Bennett Carbureter Co., Minneapolis, Minn.
BENNETT curtain pole bracket & emery wheel dressers—Bay State Stamping Co., 380 Chandler, Worcester, Mass.
BENNETT typewriters—Bennett Typewriter Co., Harrisburg, Pa.
BENNETT HANDY oil hole covers & cups, oil & grease cups—Bay State Stamping Co., 380 Chandler, Worcester, Mass.
BENNINGTON scales—Bennington Scale Co., Bennington, Vt.
BENSING brick cutting machinery—J. D. Fate Co., Plymouth, Ohio
BENTON radiator union nipple clutch—Jno. Simmons Co., 110 Centre, New York
BERG dry press—Anderson Foundry & Machine Works, Anderson, Ind.
BERGER pipe straps, garden hose reels & broom racks—Berger Specialty Co., Richmond, Va.
BERGER RAYDIANT vault lights—Berger Mfg. Co., Canton, Ohio
BERGIE NATIONAL spark plug—Bergie National Spark Plug Co., 7th & 19th av, Rockford, Ill.
BERGRADE automobile trunks—Berg Auto Trunk & Specialty Co., 400 Lafayette, New York
BERKELEY hydrated lime—Security Cement & Lime Co., Hagerstown, Md.
BERKEL'S meat slicers—American Slicing Machine Co., 209 S. State, Chicago, Ill.
BERKSHIRE blast furnaces—Berkshire Iron Works, Chelsea, Mass.
BERKSHIRE foundry riddles, foundry vibrators & air squeezers—Berkshire Mfg. Co., Whitney Power blk, Cleveland, Ohio
BERKSHIRE refrigerators—Arlington Refrigerator Co., Arlington, Vt.
BERKSHIRE typewriter paper—Eaton, Crane & Pike Co., Pittsfield, Mass.
BERLIN bracket drills—Strong, Carlisle & Hammond Co., 336 Frankfort av, N.E., Cleveland, Ohio
BERLIN universal wood working machines—Schaefer Mfg. Co., Berlin, Wis.
BERLING telephone magneto—Ericsson Mfg. Co., Buffalo, N. Y.
BERMICO roofing paper—Brown Co., Portland, Me.
BERMUDA hot water heaters—Co-Operative Foundry Co., Rochester, N. Y.
BERMUDEZ asphalt cements & road asphalt—Barber Asphalt Paving Co., Land Title bldg., Phila., Pa.
BERNARD bolt clippers, end cutting nippers, belt punches, ticket punches, & pliers & nippers—Wm. Schollhorn Co., New Haven, Conn.
BERNARDSTONION butchers knives—E. S. Hulbert & Co., Bernardston, Mass.
BERNHARD hot water heaters—Kanawha Mfg. Co., Charleston, W. Va.
BERRIGAN filter presses—J. J. Berrigan, Orange, N. J.
BERRIGAN filter presses—Worthington Pump & Machy. Corp., 115 Broadway, New York
BERRY box openers—Arcade Mfg. Co., Freeport, Ill.
BERRY damper regulators, feed water purifiers, feed water regulators, pump governors, safety water columns, tubular boilers & boiler feed pumps—Berry Engineering Co., Chester, Pa.
BERRY saddlery hardware & engine house hinges—Chas. E. Berry, Somerville, Mass.
BERRY water tube boilers—R. Wetherill & Co., Chester, Pa.
BERRYMAN feed water heaters—Patterson-Kelly Co., 26 Cortlandt, New York
BERRYMAN feed water heaters—Whitlock Coil Pipe Co., Hartford, Conn.
BERRYMAN feed water heaters & purifiers—I. B. Davis & Son, Hartford, Conn.
BERTHA spelter—New Jersey Zinc Co., 55 Wall, New York
BERTHOUD fruit jar wrenches—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
BERTRAM metal polish—N. J. Paint Works, Jersey City, N. J.
BERTSCH blue & black prints—Louis Frey & Co., 50 John, New York
BERWICK detail paper—H. Reeve Angel & Co., Inc., 7 Spruce, New York
BESAW QUALITY pneumatic tires—Besaw Tire & Rubber Co., Hartville, Ohio
BESCO baking enamels—P. A. Mets Paint Co., 769 Clinton, Buffalo, N. Y.

BESLY disc, ring wheel & surface grinders, humidifying apparatus, magnetic chucks, polishing bands & feed tables—Chas. H. Besly & Co., 120 N. Clinton, Chicago, Ill.
BESSEMER gas engines & oil engines—Bessemer Gas Engine Co., Grove City, Pa.
BESSEMER oil cups—American Lubricator Co., Detroit, Mich.
BESSEMER iron paints—Rinald Bros., 1142 N. Hancock, Phila., Pa.
BEST alarm clocks—W. L. Gilbert Clock Co., Winsted, Conn.
BEST barn door hangers—Arnold Co., Norwalk, Conn.
BEST boatspar varnishes—Newark Varnish Works, 116 Delancey, Newark, N. J.
BEST can openers—W. G. Browne Mfg. Co., Kingston, N. Y.
BEST coal chutes—National Mfg. Co., Sterling, Ill.
BEST coal chutes, cesspools, cistern covers, chimney caps & stock fountains—Sterling Foundry Co., Sterling, Ill.
BEST elevator & conveyor buckets—H. W. Caldwell & Son Co., 17th & Western av, Chicago, Ill.
BEST file handles—Troy File Works, Troy, N. Y.
BEST flint paper—H. H. Barton & Son Co., 109 S. 3rd, Phila., Pa.
BEST floor finish—Newark Varnish Works, 111 Delancey, Newark, N. J.
BEST fountain pen clips—Ansonia Novelty Co., Ansonia, Conn.
BEST gasoline & kerosene oil lamps & hand lanterns—Best Light Co., 477 Second, N. E., Canton, Ohio
BEST potato diggers—Wabers Mfg. Co., Racine, Wis.
BEST sad iron handles—Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa.
BEST shoe blackings—S. M. Bixby & Co., 36th & 2nd av, Brooklyn, N. Y.
BEST tractors—C. L. Best Gas Traction Co., Oakland, Cal.
BEST whip racks—John H. Best, Galva, Ill.
BEST BASS fish line—Ashaway Line & Twine Mfg. Co., Ashaway, R. I.
BESTALLIC sheet packing—Advance Packing & Supply Co., 11-15 N. Franklin, Chicago, Ill.
BESTALLINE TENAX sheet packing—Advance Packing & Supply Co., 11-15 N. Franklin, Chicago, Ill.
BEST EVER metal polish — Endurance Autoil Co., Muncie, Ind.
BEST EVER oven thermometers—Electrical Appliance Mfg. Co., Waterbury, Conn.
BEST EVER plows—Moline Plow Co., Moline, Ill.
BEST EVER tank heaters—Kretchmer Mfg. Co., Council Bluffs, Ia.
BEST IN THE WORLD butchers blocks—Wolf, Sayer & Heller, Fulton & Peoria, Chicago, Ill.
BEST MAIDE bench grinders, creamery testers, etc.—Luther Grinder Mfg. Co., 285 S. Water, Milwaukee, Wis.
BESTMETAL babbitt metal—Lissberger, Marks & Son, 281 Borden av, Long Island City, N. Y.
BESTO optical goods—Bay State Optical Co., Attleboro, Mass.
BESTOVALL apartment & residence garbage receiver—Colonial Fireplace Co., 4631 W. 12th, Chicago, Ill.
BEST-OV-ALL shovels, spades & scoops, files & tool handles, packing—Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
BEST QUALITY brushes, clothes lines, dust cloths, dusters, fish line, fly swatters, cotton & polish mops, cotton rope, picture, spooled & stove pipe wire—E. H. Tate Mop & Cordage Co., 15 Chardon, Boston, Mass.
BESTWALL plaster boards—California Bestwall Co., San Francisco, Cal.
BEST YET bath room fixtures & furnishings—Metal Crafters, E. Stroudsburg, Pa.
BEST YET pressed steel manheads—Lukens Iron & Steel Co., Coatesville, Pa.
BEST YET riveting machines—F. H. Smith Mfg. Co., 3047 Carroll av, Chicago, Ill.
BEST YET rubber cements—St. Louis Rubber Cement Co., 3046 Lambdin av, St. Louis, Mo.
BEST YET trucks—Turnbull Wagon Co., Defiance, Ohio
BEST-YETTE varnish—Twin City Varnish Co., St. Paul, Minn.
BETARBEST babbitt metal—Ohio Metal Co., 1137 N. 4th, Columbus, Ohio
BETHEL WHITE granite—Woodbury Granite Co., Hardwick, Vt.
BETHELL process creosoted wood conduits—Michigan Pipe Co., Bay City, Mich.
BETHLEHEM gas engines, pumping engines & staybolt iron—Bethlehem Steel Co., South Bethlehem, Pa.
BETTS welding & cutting apparatus, sign flashers—Betts & Betts Corp., 513 W. 42d, New York
BETTY BRIGHT aluminum hollow ware—Massillon Aluminum Co., Massillon, Ohio
BE VE BE scythe—North Wayne Tool Co., Hallowell, Me,
BEVERLY ratchet clutch handles & wheels—John S. Baker, Beverly, Mass.
BEYER counter-current barometric condensers—Ingersoll-Rand Co., 11 B'way, New York
BEYER steam condensers—Cresson-Morris Co., Allegheny av near 17th, Phila., Pa.
BIASPHALTIC marine paints—Amalgamated Paint Co., Pier 11, North River, New York
BICALKY air washers, roof ventilating fans & ventilators—Bicalky Fan Co., Buffalo, N. Y.
BI-CAL-KY ventilators—Bicalky Fan Co., Buffalo, N. Y.
BI-CARS vehicles—W. J. Baker Co., Newport, Ky.
BICKFORD boring & turning & chucking machines—Bickford, H. & Co., Lakeport, N. H.
BICKFORD milling machines, hand & thread & vertical—Greenfield Tap & Die Corpn., Greenfield, Mass.
BICKNELL-THOMAS tapping chucks—Bicknell-Thomas Co., Greenfield, Mass.
BICKNELL'S sanding & polishing machinery—Bicknell Mfg. & Supply Co., Janesville, Wis.
BICYCLE playing card—U. S. Playing Card Co., Park av, Norwood, Cincinnati, Ohio
BIDWELL bean threshers—Batavia Machine Co., Batavia, N. Y.
BIEDER grass catchers—Carl Hasseries, Central & Woodlawn av, Cleveland, Ohio
BIERCE guy anchors, potheads & sleeves & cable supporting clamps—Specialty Device Co., 112 W. 3rd, Cincinnati, Ohio
BIG-AN-LITTLE concrete mixers—Jaeger Machine Co., 490 Dublin av, Columbus, Ohio
BIG BEN alarm clocks—Western Clock Co., La Salle, Ill.
BIG BEN door hangers—Sharon Hardware Mfg. Co., Sharon, Pa.
BIG BEN vacuum cleaners—Clements Mfg. Co., 609 Fulton, Chicago, Ill.
BIG BILL padlocks—Sargent & Co., New Haven, Conn.
BIG BULL tractors—Bull Tractor Co., Minneapolis, Minn.
BIG CHIEF furniture polish & metal polish—American Chemical & Mining Co., Atlanta, Ga.
BIG FOUR traction engines & portable grain elevators—Emerson-Brantingham Co., Rockford, Ill.
BIG FOUR plaster—United States Gypsum Co., 205 W. Monroe, Chicago, Ill.
BIG FOUR gasoline traction engines—Emerson-Brantingham Co., Rockford, Ill.
BIG FOUR shoe blacking & polishes—Whittemore Bros. Corp., Cambridge, Mass.
BIG FOUR shoveling & end gate boards—Peoria Drill & Seeder Co., Peoria, Ill.
BIG 4 barn door hangers—National Mfg. Co., Sterling, Ill.
BIG-4 corner brace—Diehl Novelty Co., Glen Beulah, Wis.
BIG GIANT cotton seed hullers—Diamond Huller Co., Winona, Minn.
BIG GIANT picture hooks—Forsyth Metal Goods Co., E. Aurora, N. Y.
BIG GIANT tackle blocks—Pittsburgh Block & Mfg. Co., 818 South av, Pittsburgh, Pa.
BIG GIANT wire stretchers—Hunt, Helm, Ferris & Co., Harvard, Ill.
BIG IOWA corn & cob mills—New Winona Mfg. Co., Winona, Minn.
BIG JIFFY paper clips—L. F. Grammes & Sons, Allentown, Pa.
BIG JOE rail benders—What Cheer Tool Co., What Cheer, Ia.
BIG POSSUM coaster wagons—South Bend Toy Mfg. Co., South Bend, Ind.
BIGELOW concrete inserts—Dayton Malleable Iron Co., Dayton, Ohio
BIGELOW concrete inserts & sockets—Farwell, Ozmun, Kirk & Co., 2nd & Jackson, St. Paul, Minn.
BIGELOW-HORSBY water tube boilers—Bigelow Co., New Haven, Conn.
BIGETON concrete sockets—Fred. Liebrich, Monadnock blk., Chicago, Ill.
BIGGS noiseless chain pumps—B. F. Biggs Pump Co., Lafayette, Ind.
BIGNALL valve & service boxes—Modern Iron Works, Quincy, Ill.
BIHLMAIR massage vibrators—W. D. Allison Co., Indianapolis, Ind.
BILAND railway track drills—Aldon Co., 3338 W Ravenswood av, Chicago, Ill.

BI-LATERAL fire hose—Bi-Lateral Fire Hose Co., 326 W. Madison, Chicago, Ill.
BILCHACO enamels & cement floor coatings—Billings-Chapin Co., Cleveland, Ohio
BILL coaster wagons—South Bend Toy Mfg. Co., South Bend, Ind.
BILLET cattle ties—Alexander Halter Factory, Alexandria, Ohio
BILLINGS wrenches, vises & key rings—Billings & Spencer Co., Hartford, Conn.
BILLOW fuel oil forges & appliances—National Supply Co., 416 W. Grand av, Chicago, Ill.
BI-LOOP hot water & steam radiators—Monitor Bi-Loop Radiator Co., Lancaster, Pa
BILTON gear hobbing, riveting & slotting machines, vises—Bilton Machine Tool Co., Bridgeport, Conn.
BINGHAM carbureters—Bingham Mfg. Co., 227 Prospect av, N. W. Cleveland, Ohio
BINGHAM machinists' & coach makers' vises—Prentiss Vise Co., 110 Lafayette, New York
BINGHAM self-grinding rotating gauge cocks—Wm. Povell Co., Cincinnati, Ohio
BINGHAM'S gauge cocks—Chaplin-Fulton Mfg. Co., 30 Penn av, Pittsburgh, Pa.
BINGO alarm clocks—Western Clock Co., La Salle, Ill.
BINGO automobile snap fasteners—Crandal, Stone & Co., Division Brewer Titchener Corp., Binghamton, N. Y.
BINKS vehicle washers, pneumatic spray brushes, white wash spraying machines & tire air pumps—Star Brass Works, 3114 Carroll av, Chicago, Ill.
BINKS CLEANALL blow guns—Star Brass Works, 3114 Carrol av, Chicago, Ill.
BINNE hard wax floor polish—Chas. H. Brown Paint Co., 188 Montague, Brooklyn, N. Y.
BIR match safes—Barnes-Ross Co., Indianapolis, Ind.
BIRAM'S anemometers—B. K. Elliott Co., 126 6th, Pittsburgh, Pa
BIRD-ARCHER boiler compounds—**Bird-Archer Co.,** 90 West New York
BIRD barn door hangers—S. B. Martin, Dalton, Ohio
BIRD cold water paints—J. A. & W. Bird & Co., 88 Pearl, Boston, Mass.
BIRD rotary paper mill screens—Bird Machine Co., E. Walpole, Mass.
BIRD tack claws & pullers—W. G. Browne Mfg. Co., Kingston, N. Y.
BIRDSELL farm wagons—**Birdsell Mfg. Co., South** Bend, Ind.
BIRMINGHAM rubber mill machinery—**Birmingham** Iron Foundry, Derby, Conn.
BISHOP car coupling handles—Handlan-Buck Mfg. Co., 210-14 W. 3rd, St. Louis, Mo.
BISHOP floor & ceiling plates—Beaton & Corbin Mfg. Co., Southington, Conn.
BISHOP time recorders—Bishop Calculating Recorder Co., 233 Broadway, New York
BISHOPRIC asphalt roofing, stucco & plaster boards—Bishopric Mfg. Co., 1453 Este av, Cincinnati, Ohio
BISHOPRIC'S SANTA MASTIC pitch—Bishopric Products Co., Este av & Spring Grove, Cincinnati, Ohio
BISHOP'S gauge glasses—F. H. Lovell & Co., Arlington, N. J.
BISMARCK German Portland cement—Hammill & Gillespie, 240 Front, New York
BISON belting—Boston Woven Hose & Rubber Co., Cambridge, Mass.
BISON corn & cob mills—Wolf & Co., Chambersburg, Pa.
BISSELL light & power generators, switchboards—Bissell, F., Co., Toledo, Ohio
BISSELL plow coulters—Ohio Cultivator Co., Bellevue, Ohio
BISSELL'S carpet sweepers & vacuum sweepers— Bissell Carpet Sweeper Co., Grand Rapids, Mich.
BITOUS packing—Allen Packing Co. (Est. of), Collingswood, N. J.
BITUFLEX asphalt—Canfield Oil Co., Cleveland, Ohio
BITU-MORTAR waterproofing materials—**Bitu-Mortar Waterproofing Co., 340 E. 27th, New York**
BI-UNE interior telephones—Electric Goods **Mfg.** Co., Canton, Mass.
BIVOLT flaming arc lamps—Felix Hamburger Co., 404 4th av, New York
BIX cotton mops—Bix Janitor Supply Co., 119 Pine, St. Louis, Mo.
BLACKAT roofing cements—Alcatraz Co., Inc., Richmond, Va.
BLACK buggy steel sheets—Whitaker, Glessner Co., Wheeling, W. Va.
BLACK BEAR rubber packing—Thermoid Rubber Co., Trenton, N. J.
BLACK BEAUTY currycombs—C. J. Bailey & Co., 22 Boylston, Boston, Mass.
BLACK BIRD conveyor belting—Rossendale-Reddaway Belting & Hose Co., Newark, N. J.
BLACKBIRD kitchen sets—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
BLACKBORD cotton belting—Rossendale-Reddaway Belting & Hose Co., Newark, N. J.
BLACK BOY stove pipe enamels—Cambria Paint & Color Co., Ltd., Johnstown, Pa.
BLACKBURN ground connection clamps—Blackburn Specialty Co., 3409 Perkins av, Cleveland, Ohio
BLACKBURN guy clamps—Everstick Anchor Co., 1624 N. 8th, St. Louis, Mo.
BLACKBURN row-locks—Wilcox, Crittenden & Co., Middletown, Conn.
BLACK CHAMPION axes—Dunn Edge Tool Co., Oakland, Me.
BLACK CHAMPION scythes—Dunn Edge Tool Co., Oakland, Me.
BLACK CROSS packing—Revere Rubber Co., Chelsea, Mass.
BLACK DAZZLE baking enamels—Boston Varnish Co., Everett Station, Boston, Mass.
BLACK DEVIL canvas stitched belting—National Belting Co., Elyria, Ohio
BLACK DIAMOND axle grease—World Refining Co., Easton, Pa.
BLACK DIAMOND belt dressing & belt fasteners—Black Diamond Mfg. Co., 1219 Bank, Cincinnati, Ohio
BLACK DIAMOND belting—Acme Belting Co., Niles, Mich.
BLACK DIAMOND carbon paper & typewriter ribbons—Black Diamond Ribbon & Carbon Co., Rochester, N. Y.
BLACK DIAMOND case hardening compounds—Rogers & Hubbard Co., Middletown, Conn.
BLACK DIAMOND core compounds—Black Products Co., 135th & Calumet, Chicago, Ill.
BLACK DIAMOND emery wheel dressers—J. L. Osgood Tool Co., Buffalo, N. Y.
BLACK DIAMOND files—G. & H. Barnett Co., 1076 Frederick av., Phila., Pa.
BLACK DIAMOND lunch boxes—Reading Saddle & Mfg. Co., Reading, Pa.
BLACK DIAMOND mine hangers—Electric Railway Equipment Co., Cincinnati, Ohio
BLACK DIAMOND miners' safety lamps—T. R. Jones Co., Wilkes-Barre, Pa.
BLACK DIAMOND miners' safety lamps & mining picks—Hardsocg Mfg. Co., Ottumwa, Ia.
BLACK DIAMOND ovens—Roberts Portable Oven Co., 2024 N. Major av, Chicago, Ill.
BLACK DIAMOND packing—Boston Belting Corp., 84 Linden Park, Boston, Mass.
BLACK DIAMOND ready roofing—Barrett Co., 17 Battery pl, New York.
BLACK DIAMOND removable screw calks—Williams Drop Forging Co., Scranton, Pa.
BLACK DIAMOND shoe knives—Luck Mfg. Co., Brockton, Mass.
BLACK FLAG stove polish—John M. Wolf Co., 742 Flushing av, Brooklyn, N. Y.
BLACK GIANT paints—Swift Paint Co., Wade bldg., Cleveland, Ohio
BLACK GIANT punch, shear & tire upsetter combined—Luther Mfg. Co., Olean, N. Y.
BLACK HAWK corn planters, clod crushers, manure spreaders & pulverizers—D. M. Sechler Implement & Carriage Co., Moline, Ill.
BLACK HAWK corn planters & manure spreaders—Oliver Chilled Plow Works, South Bend, Ind.
BLACK HAWK floor scrapers—Putnam Mfg. Co., Davenport, Ia.
BLACK HAWK floor scrapers—Rock Island Mfg. Co., Rock Island, Ill.
BLACK HAWK hand shellers—A. H. Patch, Clarksville, Tenn.
BLACK HAWK packing—Revere Rubber Co., Chelsea, Mass.
BLACK HORSE toe-calks—Aetna Nut Co., Southington, Coun.
BLACK JACK packing—H. Johnson Co., ft. Gates av, Jersey City, N. J.
BLACK JACK packing—Mulconroy Co., 54th & Jefferson, Philadelphia, Pa.
BLACK JACK packing—Wasl Packing Co., 304 New, Philadelphia, Pa.
BLACK JACK stove polish—Nickel Plate Stove Polish Co., 362 E. Illinois, Chicago, Ill.
BLACK JACK tank heaters—Hunt, Helm, Ferris & Co., Harvard, Ill.
BLACK KID stove polish—Nickel Plate Stove Polish Co., 362 E. Illinois, Chicago, Ill.
BLACK KNIGHT paints—National Roofing Co., Tonawanda, N. Y
BLACK LINE linen hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.

BLACKMAN blowers, fans & ship ventilating apparatus—Howard & Morse, 46 Fulton, New York
BLACKMER saw sharpening machines—Crown Iron Works Co., Minneapolis, Minn.
BLACKOID sheet packing—Thermoid Rubber Co., Trenton, N. J.
BLACKOLA shoe blacking & polishes—World Polish Mfg. Co., York, Pa.
BLACKROCK plumbers' rubber goods—Canfield Rubber Co., Bridgeport, Conn.
BLACK SEAL rubber hose—Home Rubber Co., Trenton, N. J.
BLACK SILK stove polish—Black Silk Stove Polish Works, Sterling, Ill.
BLACKSMOKE braided hose, garden hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
BLACK SQUADRON packing—Cancos Mfg. Co., 146 N. 2nd, Philadelphia, Pa.
BLACKSTONE car fenders & wheel guards—Baltimore Car-Wheel Co., Fulton Station, Baltimore, Md.
BLACKSTONE clothes washing machines & wringers —Blackstone Mfg. Co., Jamestown, N. Y.
BLACKTHORN packing—Crandall Packing Co., Palmyra, N. Y.
BLACK TWIST auger bits—Job. T. Pugh, 5101 Ludlow, Phila., Pa.
BLACK VELVET cushion springs—National Spring & Wire Co., Albion, Mich.
BLACK WING packing—Goodyear Rubber Co. & Rubber Clothing Co., 787 Broadway, New York
BLADES gunmetal lacing studs manufacturers'—Belt Hook Co., 1321 W. Congress, Chicago, Ill.
BLAISDELL sewage ejectors—Blaisdell Machinery Co., Bradford, Pa.
BLAIR firemen's axes—American Axe & Tool Co., Glassport, Pa.
BLAIR hog rings—Heesen Bros. Co., Tecumseh, Mich.
BLAIR hog rings—Wm. E. Pratt Mfg. Co., 55 W. Lake, Chicago, Ill.
BLAIR hog rings—F. P. Smith & Co., Sharon Hill, Pa.
BLAISDELL filter presses—Blaisdell Co., Los Angeles, Cal.
BLAKE car steps & treads—Blake Car Step Works, Charlotte, N. C.
BLAKE floor drains & cleanouts—Blake Specialty Co., Rock Island, Ill.
BLAKE insulated staples—Blake Signal & Mfg. Co., 251 Causeway, Boston, Mass.
BLAKE jaw crushers—Kennedy-Van Saun Mfg. & Eng. Corp., 120 B'way, New York
BLAKE rock crushers—Chalmers-Williams Mfg. Co., 1461 Arnold, Chicago Heights, Ill.
BLAKE rock crushers—Traylor Engineering & Mfg. Co., Allentown, Pa.
BLAKE rock crushers—Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
BLAKE rock crushers—Phillips & McLaren, 24th & Smallman, Pittsburgh, Pa.
BLAKE rock crushers—Walker Mfg. Co., Denver, Colo.
BLAKE screw driver & gimlet bits—C. E. Jennings & Co., 71 Murray, New York
BLAKE vises—Prentiss Vise Co., 110 Lafayette, New York
BLAKER concrete cars—J. L. Blaker, Blaker Mills, W. Va.
BLAKE'S bolt fastener—Greene, Tweed & Co., 109 Duane, New York
BLAKESLEE can righting machines—Burden & Blakeslee, Cazenovia, N. Y.
BLAKESLEE smoked beef shavers—G. S. Blakeslee & Co., 2856 Quinn, Chicago, Ill.
BLAKESLEE veneer cutting machy.—American Blakeslee Mfg. Co., Birmingham, Ala.
BLANCHARD churns—Hall Bros. Co., West Acton, Mass.
BLANCHARD oil engines & surface grinders—Blanchard Machine Co., Cambridge, Mass.
BLANCHARD tire detacher tools—A. W. Blanchard, 101 Liberty, Brooklyn, N. Y.
BLAWFORMS concrete forms—Blaw-Knox Co., Farmers' Bank bldg, Pittsburgh, Pa.
BLAW-RANSOME concrete mixers—Blaw-Knox Co., Farmers' Bank bldg, Pittsburgh, Pa.
BLAW self-dumping buckets—Blaw-Knox Co., Farmers' Bank bldg, Pittsburgh, Pa.
BLAZER salamanders—Jas. H. Channon Mfg. Co., 227 W. Erie, Chicago, Ill.
BLEARTONE automobile horns—Oakes Co., Indianapolis, Ind.
BLESSING steam traps, valves & pump governors—Albany Steam Trap Co., Albany, N. Y.
BLEVNEY friction clutches, grinding, polishing & powder mill machy.—Blevney Machine Co., Greenfield, Mass.
BLIE LINE screw drivers—Harding Mfg. Co., Mansfield, Mass.
BLISS presses, dies & special machinery—E. W. Bliss Co., 19 Adams, Brooklyn, N. Y.
BLITZ kitchen knives—Washington Cutlery Co., Watertown, Wis.
BLITZ paint & varnish remover—Eugene Arnstein, 45 W. 26th, Chicago, Ill.
BLITZGER transformers—Clapp-Eastham Co., Cambridge, Mass.
BLIZZARD air pumps—Bridgeport Brass Co., Bridgeport, Conn.
BLIZZARD ensilage cutters, fodder cutters, feed carriers, etc.—Jos. Dick Mfg. Co., Canton, Ohio
BLIZZARD hay knives—Dunn Edge Tool Co., Oakland, Me.
BLIZZARD ice cream freezers—North Bros. Mfg. Co., Lehigh av & American, Phila., Pa.
BLIZZARD insect guns—Thos. W. Houchin Co., 36 E. 12th, New York
BLIZZARD water coolers—Standard Stamping Co., Broadway & Chambers, St. Louis, Mo.
BLOCKI garden cultivators & clover bunchers—F. Blocki Co., Sheboygan, Wis.
BLOCK LINE garden hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
BLOOD turret lathes—S. A. Woods Machine Co., Boston, Mass.
BLOOD'S axes—American Axe & Tool Co., Glassport, Pa.
BLOOD'S waterproofing materials—T. L. Blood & Co., 413 Wacouta, St. Paul, Minn.
BLOOMFIELD belting & packing—Combination Rubber Mfg. Co., Bloomfield, N. J.
BLOUNT gasoline engines—Blount Engineering Co., 100 High, Boston, Mass.
BLOUNT potato diggers—Blount Plow Works, Evansville, Ind.
BLOUNT IMPROVED door checks—Worcester Mfg. Co., Worcester, Mass.
BLOWER ensilage cutters—Silver Mfg. Co., Salem, Ohio
BLUE BELL dry batteries—Western Electric Co., 463 West, New York.
BLUE BELL suction hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
BLUE BIRD clothes line reels—Hugro Mfg. Co., 327 S. La Salle, Chicago, Ill.
BLUE BLOOD packing—Chas. L. Ireson, 221 High, Boston, Mass.
BLUE CENTER steel rope—John A. Roebling's Sons Co., Trenton, N. J.
BLUE CLIP crucible tool steels—Firth-Sterling Steel Co., McKeesport, Pa.
BLUE DIAMOND sheet packing—Combination Rubber Mfg. Co., Bloomfield, N. J.
BLUE EDGE brake linings—Woven Steel Hose & Rubber Co., Trenton, N. J.
BLUE GRASS axle grease—Indian Refining Co., 244 Madison av, New York
BLUE GRASS fishing reels—B. F. Meeks & Son, Louisville, Ky.
BLUE JACKET hatchets—Germantown Tool Works, 520 Commerce, Gtn., Phila., Pa.
BLUE JAY brush breaker plows—Parlin & Orendorff Co., Canton, Ill.
BLUE LABEL piano wire—Webb Wire Works, New Brunswick, N. J.
BLUE LABEL safety fuse & miners' squibs—du Pont de Nemours & Co., E. I., Wilmington, Del.
BLUE LINE logging tools—American Logging Tool Co., Evart, Mich.
BLUE LINE screw drivers—Harding Mfg. Co., Mansfield, Mass.
BLUE RIBBON belt dressing—Allen-Murphy Co., 125 W. 46th pl, Chicago, Ill.
BLUE RIBBON belt dressing, rope dressing, wire rope coating & lubricant—Jobbers' Mfg. Co., 327 S. La Salle, Chicago, Ill.
BLUE RIBBON corn brooms—Chas. Plunkett, 205 Duane, New York
BLUE RIBBON grass hooks—Dunn Edge Tool Co., Oakland, Me.
BLUE RIBBON kitchen enameled ware—National Enameling & Stamping Co., 411 5th av, New York
BLUE RIBBON metal polish, stove polish & automobile soap—International Metal Polish Co., 2142 N. Capitol av, Indianapolis, Ind.
BLUE RIBBON rubber hose—Peerless Rubber Mfg. Co., 31 Warren, New York
BLUE RIBBON trunks—Tuttle & Clark, Detroit, Mich.
BLUE RIBBON woven wire fences & wire poultry netting—Keystone Steel & Wire Co., Peoria, Ill.

BLUE RIVER lime cement—Louisville Cement Co., Louisville, Ky.
BLUE ROCK laundry tubs—New Haven Granite Works, New Haven, Conn.
BLUE ROCK shooting traps—Chamberlain Cartridge & Target Co., Cleveland, Ohio
BLUE SEAL dry batteries—Manhattan Electric Supply Co., 17 Park pl, New York
BLUE SEAL padlocks—Slaymaker Lock Co., Lancaster, Pa.
BLUE SEAL rock wall plaster—Rock Plaster Mfg. Co., 381 4th av, New York
BLUE SEAL white lead—Wm. Waterall & Co., Camden, N. J.
BLUESKIN belt lacing—Henry K. Barnes Co., 234 Devonshire av, Boston, Mass.
BLUE STAR corn planters, pumps & windmills—Wistrand Mfg. Co., Galva, Ill.
BLUE STONE belting—W. S. Nott Co., 2nd av N. & 3rd, Minneapolis, Minn.
BLUESTONE kitchen enameled ware—John Dunlap Co., Gregg, Pittsburgh, Pa.
BLYSTONE concrete mixers—Blystone Mfg. Co., Cambridge Springs, Pa.
BOARDMAN pump governors—Locke Regulator Co., Salem, Mass.
BO-ARROW galvanized cross arms—Hubbard & Co., Pittsburgh, Pa.
BOB laundry stoves—Gray & Dudley Hardware Co., Nashville, Tenn.
BOB WHITE hay revolving rakes—Ohio Rake Co., Dayton, Ohio
BOB WHITE toilet paper holders—A. P. W. Paper Co., Albany, N. Y.
BOCK automobile & bearings—Standard Parts Co., Cleveland, Ohio
BOCORSELSKI universal joints—Bausch Machine Tool Co., Springfield, Mass.
BODDEN flyers — Thos. Mayor & Son, 26 Olney, Providence, R. I.
BODE farm wagons—Bode Wagon Co., 1655 Central av, Cincinnati, Ohio
BOGART gas engines — Clark Brothers, Co., Olean, N. Y.
BOHN dining car refrigerators & ice breakers—White Enamel Refrigerator Co., St. Paul, Minn.
BOHNITE case hardening compound—Springfield Facing Co., Springfield, Mass.
BOILERINE boiler compounds—Straus Boilerine Co., 50 Church, New York
BOIS D' ARC Insulator Pins & Brackets—Central Telephone & Elec. Co., 310 N. 11th, St. Louis, Mo.
BOKERS' automatic razor stroppers—Boker Cutlery & Hardware Co., Inc., 101 Duane, New York
BOKO pails & buckets, collapsible—Defiance Welding Co., Defiance, Ohio
BOKOP tire heating furnaces & tire setters—Bokop, Webb & Palm, Defiance, Ohio
BOLAND positive pressure blowers, centrifugal dryers, ventilating fans, polishing machines, vacuum pumps—H. J. Astle & Co., 118 Orange, Providence, R. I.
BOLAND sand blast machines—H. J. Astle & Co., 118 Orange, Providence, R. I.
BOLGER grease traps—Success Mfg. Co., Gloucester, Mass.
BOLIVIAN rubber hose—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio
BOLLES reversible window sash—Aerial E. Bolles, 52 Duane, New York
BOLTE concrete mixers—Bolte Mfg. Co., Kearney, Neb.
BOLTON hot water heaters—Detroit Heating & Lighting Co., Detroit, Mich.
BOLTON (G. & J. B.) improved steam heaters—Foskett & Bishop Co., New Haven, Conn.
BOLTON saw filling & setting machines—Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
BONANZA crayons—Standard Crayon Mfg. Co., Danvers, Mass.
BONANZO cement roofing tile—American Cement Tile Mfg. Co., Oliver bldg, Pittsburgh, Pa.
BONANZA fanning mills—Twin City Co., Minneapolis, Minn.
BONANZA fruit & vegetable parers—Goodell Co., Antrim, N. H.
BONANZA gasoline blast furnaces—Turner Brass Works, Sycamore, Ill.
BONANZA harrows—Madison Plow Co., Madison, Wis.
BONANZA harrows—Rock Island Plow Co., Rock Island, Ill.
BONANZA lawn swings—Goshen Churn & Ladder Co., Goshen, Ind.
BONANZA BADGER lubricators—Chas. H. Besly & Co., 120 N. Clinton, Chicago, Ill.
BONAR gauge cocks—American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
BOND crown corks—Bond Bottle Sealing Co., 501 Monroe, Wilmington, Del.
BOND—journal bearings—Bond Foundry & Machine Co., Manheim, Pa.
BONDKOTE waterproofing materials—Thompson & Co., 1111 Galveston av, N. S., Pittsburgh, Pa.
BONHAM tire air pumps—Judd & Leland Mfg. Co., Clifton Springs, N. Y.
BONHEIMS GATTLING tire air pumps—Lake Erie Mfg. Co., Buffalo, N. Y.
BONITA carpet nails—Milwaukee Tack Co., 27th & Wahlav, Milwaukee, Wis.
BONNELL'S stove pipe enamels—Nubian Paint & Varnish Co., 1856 Leclaire av, Chicago, Ill.
BONNER cement—Bonner Portland Cement Co., Bonner Springs, Kans.
BONNER life saving nets—S. F. Hayward & Co., 250 W. 54th, New York
BONNEY hollow augers—Buckeye Mfg. Foundry Co., 2046 W. 55th, Cleveland, Ohio
BONNEY hollow augers—E. C. Stearns & Co., 450 Oneida, Syracuse, N. Y.
BONNEY vises & wrenches—Bonney Vise & Tool Works, Allentown, Pa.
BONNIE hammer handles—American Handle Co., Jonesboro, Ark.
BONNOZ embroidery machines—Durbrow & Hearne Mfg. Co., 12 Wooster, New York
BON TON hot water radiators—South Park Foundry & Machine Co., St. Paul, Minn.
BONZANO rail step joints—Q. & C. Co., 90 West, New York
BOOLS oil & gasoline pumps—A. C. Kraft, 323 W. Lake, Chicago, Ill.
BOOMER grass catchers—R. F. Krause, Zion City, Ill.
BOOMER hay carriers—Milwaukee Hay Tool Co., Milwaukee, Wis.
BOOMER hot air furnaces & steel ranges—Hess, Snyder Co., Massillon, Ohio
BOONE cement & wood fibre—Southern Gypsum Co., North Holston, Va.
BOOSEY'S catch basin covers & water closet bends—Greenwood Mfg. Co., 540 Greenwood, Detroit, Mich.
BOOTH handle turning lathes—Loetzer Valve & Mfg Co., Monroeton, Pa.
BOOTH stock fountains—Maytag Co., Newton, Ia.
BOOTH water softeners—L. M. Booth Co., Nutley, N. J.
BO-PEEP infant sets—The Arlington Works (E. I. du Pont de Nemours & Co.), 21 E. 40th, New York
BORAX-ETTEE welding compounds—Cortland Welding Compound Co., Cortland, N. Y.
BORCHERDT fishing tackle boxes—Wilson F. Cortez Co., 323 W. Lake, Chicago, Ill.
BORCHERDT fishing tackle boxes—A. C. Kraft, 323 W. Lake, Chicago, Ill.
BORCHER'S electric furnaces—Eimer & Amend, 205 3d av, New York
BORDEAU bucket spray pumps—Goulds Mfg. Co., 71 W. Fall, Seneca Falls, N. Y.
BORDEAUX spray nozzle—Deming Co., Salem, Ohio
BORDEAUX water tube boilers—Toledo Shipbuilding Co., Toledo, Ohio
BORDEN'S grab hooks—Wallingford Mfg. Co., Wallingford, Vt.
BORDO swing joints, feed water regulators, water columns & valves—L. J. Bordo Co., 12th & Thompson, Phila., Pa.
BORON foundry flux—American Boron Products Co., Reading, Pa.
BOREAS air drill hose—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
BORO-SILICA glass insulators—Lock Insulator Mfg. Co., Victor, N. Y.
BORTHWICK saw sharpening machines—Henry Disston & Sons, Tacony, Phila., Pa.
BOSALT boiler compounds—Thomsen Chemical Co., Munsey bldg, Baltimore, Md.
BOSCH gas igniters—Bosch Magneto Co., 223 W. 46th, New York
BOSCO automobile lubricators—Beereis & Bossich Co., Div. of the Bossich Co., Bridgeport, Conn.
BOSLEY'S weather strips—D. W. Bosley Co., 122 S. Michigan av, Chicago, Ill.
BOSON engine lubricators—Wm. Powell Co., Cincinnati, Ohio
BOSS animal pokes—Tuller Mfg. Co., Kansas City, Mo.
BOSS barn door hangers—Arnold Co., Norwalk, Conn.
BOSS bath & basin traps—Ireland & Matthews Mfg. Co., Detroit, Mich.
BOSS bed & furniture casters—Tucker & Dorsey Mfg Co., Indianapolis, Ind.

BOSS boring machines—Hardware Specialty Mfg. Co., Anderson, Ind.
BOSS brick dryers—John C. Boss Co., Elkhart, Ind.
BOSS bucket pumps—B. F. Biggs Pump Co., Lafayette, Ind.
BOSS clothes washing machines—Boss Washing Machine Co., Cincinnati, Ohio
BOSS dinner pails—Sullivan-Geiger Co., Indianapolis, Ind.
BOSS feed cutters—Hocking Valley Mfg. Co., Lancaster, Ohio
BOSS floor scrapers—Geo. J. Kepplinger, Dwight, Ill.
BOSS gas engines, self-feeders & steam traction engines—Russell & Co., Massillon, Ohio
BOSS gas ranges & ovens—Huenefeld Co., Cincinnati, Ohio
BOSS gasoline engines—Walker Mfg. Co., Council Bluffs, Iowa
BOSS grain car loaders—Maroa Mfg. Co., Maroa, Ill.
BOSS hame fasteners—American Mfg. Co., Chattanooga, Tenn.
BOSS harrows—Anderson Company, 2324 University av, St. Paul, Minn.
BOSS harrows—Madison Plow Co., Madison, Wis.
BOSS hay carriers—Strickler Hay Tool Co., Janesville, Wis.
BOSS heel building machines—United Shoe Machinery Co., 205 Lincoln, Boston, Mass.
BOSS horse back bands — Couch Bros. Mfg. Co., Atlanta, Ga.
BOSS horse collar pads—Curtis-Dexter Co., Madison, Wis.
BOSS hose coupling—Dixon Valve & Coupling Co., 11th & Race, Phila., Pa.
BOSS lawn swings—Thos. K. Barley, Sedalia, Mo.
BOSS lawn & garden rollers—R. W. Whitehurst Mfg. Corp., Norfolk, Va.
BOSS leather aprons—California Tanning Co., 1905 Shenandoah av, St. Louis, Mo.
BOSS lemon squeezers—A. C. Williams Co., Ravenna, Ohio
BOSS ore sacks—Colorado Tent & Awning Co., Denver, Colo.
BOSS outlet, locknut bushings & pipe caps—Belcher & Loomis Hdw. Co., 89 Weybosset, Providence, R. I.
BOSS outlet & locknut bushings—Electrical Specialty Mfg. Co., 49 Beaufort, Providence, R. I.
BOSS peanut roasters—Bartholomew Co., Peoria, Ill.
BOSS photographic lenses—Geo. Murphy (Inc.), 57 E. 9th, New York
BOSS plows—Collins Plow Co., Quincy, Ill.
BOSS power & trip hammers—Novelty Iron Works Co., Dyersville, Ia.
BOSS riding listers—Peru Plow & Wheel Co., Peru, Ill.
BOSS road scrapers—Kilbourne & Jacobs Mfg. Co., Columbus, Ohio
BOSS rubber washers—Combination Rubber Mfg. Co., Bloomfield, N. J.
BOSS shingle mill machinery—Davis Fdry. & Machine Works, Rome, Ga.
BOSS shoveling & end gate boards—Hayes Pump & Planter Co., Galva, Ill.
BOSS spring tooth attachments—G. A. Kelly Plow Co., Longview, Tex.
BOSS step ladders & flag pole fixtures—John Driver, San Leandro, Cal.
BOSS sugar cane strippers—American Mfg. Co., Chattanooga, Tenn.
BOSS tire air pumps—Cox Brass Mfg. Co., Albany, N. Y.
BOSS tube expanders—J. Faessler Mfg. Co., Moberly, Mo.
BOSS vises—Athol Machine Co., Athol, Mass.
BOSS wagons—Leonhardt Wagon Mfg. Co., 417 E. Saratoga, Baltimore, Md.
BOSS HICKEY conduit benders—M. B. Skimer Co., 562 W. Washington, Chicago, Ill.
BOSTON ash sieves—Parker Wire Woods Co., Worcester, Mass.
BOSTON AUTO & adjustable automobile wrenches—Boston Auto Wrench Co., 31 State, Boston, Mass.
BOSTON barrel swings—Penn Hardware Co., Reading, Pa.
BOSTON bean & pea planters—Moline Plow Co., Moline, Ill.
BOSTON blind & shutter fasteners—Stanley Works, New Britain, Conn.
BOSTON blow-off tanks—R. Estabrook's Sons, 202 W. 1st, Boston, Mass.
BOSTON cleanouts—R. Estabrook's Sons, 202 W. 1st, Boston, Mass.
BOSTON cocks & bibbs—Peck Bros. & Co., New Haven, Conn.
BOSTON electric cable hangers—Condit Electrical Mfg. Co., 1st & L, Boston, Mass.
BOSTON electric wire cutters—H. K. Porter, Everett, Mass.
BOSTON hose nozzles—Boston Woven Hose & Rubber Co., Cambridge, Mass.
BOSTON glass door ovens—S. M. Howes Co., 40 Union, Boston, Mass.
BOSTON goggles & eye protectors—Chicago Eye Shield Co., 2300 Warren av, Chicago, Ill.
BOSTON grease traps—R. Estabrook's Sons, 202 W. 1st, Boston, Mass.
BOSTON heel plates—Louis Sacks, Inc., Wilson av, Newark, N. J.
BOSTON incandescent renewed lamps—Boston Economy Lamp Division, 43 Hospital, Providence, R. I.
BOSTON organ motors—F. E. Whitney, 65 Sudbury, Boston, Mass.
BOSTON packing & gauge glass cutters—A. W. Chesterton Co., 64 India, Boston, Mass.
BOSTON paint & varnish remover—Boston Varnish Co., Everett Station, Boston, Mass.
BOSTON pencil sharpeners—Boston Specialty Corp., 261 Broadway, New York
BOSTON plasters, compounds—Standard Chemical & Supply Co., 172 2nd, East Cambridge, Mass.
BOSTON pressure regulators—Geo. E. Gilchrist Co., 106 High, Boston, Mass.
BOSTON range boilers—Dahlquist Mfg. Co., 40 W. 3rd, S. Boston, Mass.
BOSTON rubber hose & belting—Boston Belting Co., 84 Linden Park, Boston, Mass.
BOSTON sand mixing machines—Barbour Stockwell Co., Cambridge, Mass.
BOSTON self-oiling hangers—American Tool & Machine Co., 10 High, Boston, Mass.
BOSTON sink brackets—Joseph H. Young Co., 82 High, Boston, Mass.
BOSTON sink strainers—Morgan Spring Co., Worcester, Mass.
BOSTON stoves—Chilson Furnace Co., Mansfield, Mass.
BOSTON tire benders—Butts & Ordway Co., 33 Purchase, Boston, Mass.
BOSTON trace trimming machines—Campbell-Bosworth Machine Co., 205 Lincoln, Boston, Mass.
BOSTON water filter & water coolers—Boston Filter Co., Chelsea, Mass.
BOSTON whisk brooms—Halsted Brush Co., 71 Park pl, New York
BOSTON FIRE JACKET cotton & fire hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
BOSTON FORE & AFTER WASH automatic water closet tanks—Jos. H. Young Co., 82 High, Boston, Mass.
BOSTON TERRIER rubber hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
BOSTON GIANT park sprinklers—Spray Engn'g Co., 93 Federal, Boston, Mass.
BOSTON PATTERN row-locks—Wilcox, Crittenden & Co., Middletown, Conn.
BOSTON STAR white & red lead—Chadwick-Boston Lead Co., Boston, Mass.
BOSTROM levels—Bostrom-Brady Mfg. Co., Atlanta, Ga.
BOSTWICK automatic elevator gates—Stewart Iron Works, Covington, Ky.
BOSTWICK belting & rubber hose—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
BOSTWICK metal lath, steel corner beads, wall plugs, & wall ties—Bostwick Steel Lath Co., Niles, Ohio
BOUGLE MERCEDES spark plugs—Herz & Co., 245 W. 55th, New York
BOULET'S test indicators—Boulet Fine Tool Works, Sebago Lake, Me.
BOULTON'S improved pitless hopper scales—Dayton Pitless Scale Co., Dayton, Ohio
BOULT'S dovetail machines—American Steam Pump Co., Battle Creek, Mich
BOUND BROOK graphite bearings & washers—Bound Brook Oil-Less Bearing Co., Bound Brook, N. J.
BOURBON strain insulators—Creaghead Engng. Co., 340 Main, Cincinnati, Ohio
BOURDON steam gauge springs—A. H. Wells & Co., Waterbury, Conn.
BOURGEOIS feed water heaters—Kroeschell Bros. Co., 440 W. Erie, Chicago, Ill.
BOVEE compound radiator & hot air furnaces—Bovee Furnace Works, Waterloo, Ia.
BOW HOLD FAST rests—Thomson Mfg. Co., Watertown, Mass.
BOWER sewer gas traps—Monarch Brass Co., Cleveland, Ohio
BOWERS carbureters—Gilbert Mfg. Co., New Haven, Conn.

BOWES fire hose racks—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
BOWES pneumatic hose couplings & air drill hose—Cleveland Pneumatic Tool Co., 3734 E. 78th, Cleveland, Ohio
BOWLIN'S FEATHERWEIGHT ice creepers—J. M. Warren & Co., Troy, N. Y.
BOWLUS joist drills—Bowlus Mfg. Co., Springfield, O.
BOWMAN coffee percolators—Geo. H. Bowman Co., 224 Euclid av, Cleveland, Ohio
BOWMAN ditcher & grader—T. W. Snow Construction Co., 537 S. Dearborn, Chicago, Ill.
BOWMAN railroad ditching machines—United Iron Works Co., Kansas City, Mo.
BOWSER wire cloth racks—R. M. Bowser & Son, Renfrew, Pa.
BOWSHER corn mills & speed indicators—N. P. Bowsher Co., South Bend, Ind.
BOX padlocks—Slaymaker Lock Co., Lancaster, Pa.
BOX switch stands—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.
BOXITE abrasive discs—Chas. H. Besly & Co., 120 N. Clinton, Chicago, Ill.
BOYD brick presses—Chisholm, Boyd & White Co., 57th & Wallace, Chicago, Ill.
BOYD chemical fire engines—James Boyd & Bro., 25th & Wharton, Phila., Pa
BOYD pig iron—Ashland Iron & Mining Co., Ashland, Ky.
BOYDEN sight feed lubricators—McNab & Harlin Mfg. Co., 55 John, New York
BOYD GENUINE fruit jar caps — Ball Bros. Glass Mfg. Co., Muncie, Ind.
BOYD'S pole snaps—Chas. E. Berry, Somerville, Mass.
BOYER riveting & chipping hammers—Chicago Pneumatic Tool Co., Fisher bldg, Chicago, Ill.
BOYER speed indicating meters; pneumatic beading, chipping & calking hammers, drills; pneumatic pile drivers & piston drills, rivetters & scaling hammers, & stone carving & cutters' tools—Chicago Pneumatic Tool Co., Fisher bldg, Chicago, Ill.
BOYERS hay carriers & gliding settees—Goshen Mfg. Co., Goshen, Ind.
BOYLSTON packing & pump governors—Chicago Engineer Supply Co., 68 W. Lake, Chicago, Ill.
BOYLSTON steam traps—Western Kieley Steam Specialty Co., 116 W. Illinois, Chicago, Ill.
BOYLSTON valves—Boylston Steam Specialty Co., 116 W. Illinois, Chicago, Ill.
BOYNTON barn door latches—Hammer & Co., Branford, Conn.
BOYNTON steam & hot water heaters—Boynton Furnace Co., 106 W. 37th, New York
BOYNTON warp spools—U. S. Bobbin & Shuttle Co., 57 Eddy, Providence, R. I.
BRACE roof snowguards—Hamblin & Russell Mfg. Co., Worcester, Mass.
BRADDOCK rail joints—Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
BRADFORD coal breaker machinery, coal & coke crushers—Pennsylvania Crusher Co., Stephen Girard bldg, Phila., Pa.
BRADFORD cotton softeners—Arabol Mfg. Co., 100 William, New York
BRADFORD draft gear—Bradford Draft Gear Co., 4th Nat. Bank bldg, Atlanta, Ga.
BRADFORD fire extinguishers—National Inspection Co., 25th & Wharton, Phila., Pa.
BRADLEY carriage shaft couplers—C. C. Bradley & Son, Syracuse, N. Y.
BRADLEY gas producers—Duff Patents Co., Frick bldg., Pittsburgh, Pa.
BRADLEY hinges, hooks & shelf brackets—Atlas Mfg. Co., New Haven, Conn.
BRADLEY marking pots—A. J. Bradley Mfg. Co., 101 Beekman, New York
BRADLEY pattern knives—Jas. Swan Co., Seymour, Conn.
BRADLEY pulverizers—Bradley Pulverizer Co., 92 State, Boston, Mass
BRADY drinking fountains—Prier Brass Mfg. Co., Kansas City, Mo.
BRADY junction boxes—Brady Electric Mfg. Co., New Britain, Conn.
BRADY'S brass irons—Brady Electric Mfg. Co., New Britain, Conn.
BRADY'S tobacco shears & socket wedges—Jno. B. Black Co., Chester, Pa
BRAINARD pulverizing machines—Midland Crusher-Pulverizer Co., 37 W. Vanburen, Chicago, Ill.
BRAMCO asbestos materials—Baltimore Roofing & Asbestos Mfg. Co., Asbestos, Md.
BRAMMER clothes washing machines—H. F. Brammer Mfg. Co., Davenport, Ia.
BRAMPTON'S power transmission chains—Charles E. Miller, 97 Reade, New York
BRAMWELL feeds—Clark Machine & Foundry Co., Franklin, Mass.
BRAMWELL feeds—Geo. S. Harwood & Son, 53 State, Boston, Mass.
BRAND sash operating device—J. S. Thorn Co., 20th & Allegheny av, Phila., Pa.
BRAND syrup evaporators—Southern Plow Co., Columbus, Ga.
BRANDEN rubber pump valves—Crosby Steam Gage & Valve Co., 40 Central, Boston, Mass.
BRANDES tool grinders—Springfield Mfg. Co., Bridgeport, Conn.
BRAND NEW emery grinders—Edwin A. Newton, 210 N. 4th, Philadelphia, Pa.
BRANDON sheet packing—H. Johnson Co., ft. Gates av, Jersey City, N. J.
BRANDT potato & pump spray sprayers—Brandt Mfg. Co., 310 3d av, Minneapolis, Minn.
BRANDY fibre cleaning machines—Samuel Smith Machine Co., Lawrence, Mass.
BRANNAN paper folding machines—Dillon Mach. Co., Lawrence, Mass.
BRASCOLITE lighting fixtures—Luminous Unit Co., St. Louis, Mo.
BRASCOTT freight car ladders — Damascus Brake Beam Co., London rd & Nickel Plate, Cleveland, Ohio
BRASS BRIGHT metal polish—Manufacturers' Oil & Grease Co., Century bldg, Cleveland, O.
BRASSBRITE metal polish—Sherwin-Williams Co., Cleveland, Ohio
BRASSCRAFTERS bath room fixtures, tumbler holders, bathtub seats, metal frame mirrors, towel bars, medicine cabinets & needle & shower baths—J. P. Eustis Mfg. Co., Cambridge, Mass.
BRASSITE packing—Geo. W. Knowlton Rubber Co., 60 Pearl, Boston, Mass.
BRASS KING metal washboards — National Washboard Co., 72 W. Adams, Chicago, Ill.
BRASS KOTE enamels—Northwestern Chemical Co., Marietta, Ohio
BRASS-NU metal polish—Nu Back Mfg. Co., 114 N. Commercial, St. Louis, Mo.
BRAUER acetylene gas machines—Brauer Acetylene Lighting Co., Marshalltown, Ia.
BRAUN centrifugals—Braun Electric Mfg. Co., Canal Dover, Ohio
BRAUN crucible furnaces, ore samplers, hydro-carbon burners—Braun-Knecht-Heimann Co., 576 Mission, San Francisco, Cal.
BRAY gas burners—Wm. M. Crane Co., 16 W. 32d. New York.
BRAYMAN drain boxes & floor drains—Jiffy Fire Hose Rack Co., 725 7th av, New York
BRAZIL underground conduits—Brazil Hollow Brick & Tile Co., Brazil, Ind.
BRAZIL wrought iron turnbuckles—Republic Iron & Steel Co., Youngstown, Ohio
BRAZILIAN glue—Wood & Hare, 66 Leonard, New York.
BRAZIRON brazing compounds—A. & J. Mfg. Co., 559 W. Lake, Chicago, Ill.
BREAKLESS stay bolts—Flexible Bolt Co., Thompson av, Pittsburgh, Pa.
BREAK NOT hydrometer—E. Edelmann & Co., 341 E. Ohio, Chicago, Ill.
BRECHT fertilizer dryers, evaporators & spice mills—Brecht Co., 1201 Cass av, St. Louis, Mo.
BRECKENRIDGE acetylene gas lamps — Seiss Mfg. Co., Toledo, Ohio
BRECKENRIDGE automatic air valves—H. B. Smith Co., Westfield, Mass.
"BREEK-BLOCK" spark plugs—A. R. Mosler & Co., Mt. Vernon, N. Y.
BREEZE gasoline strainers—Breeze Carbureter Co., 250 South, Newark, N. J.
BREMEN pumping engines—Bremen Mfg. Co., Bremen, Ohio
BRENLIN shade cloth—Chas. W. Breneman & Co., 2045 Reading rd, Cincinnati, Ohio
BRETAND Bessemer converters—J. V. Bretand, W. Gd. blvd, Detroit, Mich.
BREWICE paints for coating—Nubian Paint & Varnish Co., 1856 Leclaire av, Chicago, Ill.
BREWSTER carriage fasteners—C. Cowles & Co., New Haven, Conn.
BRICKENSTEIN rural mail boxes—Brickenstein, L. B., Winston-Salem, N. C.
BRIDGEPORT air pumps—Bridgeport Brass Co., Bridgeport, Conn.
BRIDGEPORT bicycle pedals—Torrington Co., the Standard Plant, Torrington, Conn.
BRIDGEPORT foundry molding machines & molders' flasks—Bridgeport Die & Machine Co., Bridgeport, Conn.
BRIDGEPORT paint & varnish remover—Bridgeport Wood Finishing Works (Du Pont), Phila., Pa.

BRIDGEPORT pliers & putty knives — Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
BRIDGMAN expansion joints, unions, vacuum valves, etc.—Bridgman Bros. Co., 1426 Washington av, Phila., Pa
BRIEN hot air furnaces—Brien Heater Co., Westfield, Mass.
BRIER HILL malleable pig iron—Brier Hill Steel Co., Youngstown, Ohio
BRIGGS wrenches—Bemis & Call Hardware & Tool Co., Springfield, Mass.
BRIGGS-MILLER milling machines—Gooley & Edlund, Cortland, N. Y.
BRIGHT EYE lanterns—Burchwell Mfg. Co., Pontiac bldg., St. Louis, Mo.
BRIGHT IDEA steam heaters—Gurney Heater Mfg. Co., 188 Franklin, Boston, Mass.
BRIGHTON fruit presses, cherry stoners, nut crackers, lemon squeezers, spice mills, tack hammers, tobacco counter cutters, ice shredders & clothes lines pulleys—Wrightsville Hardware Co., Wrightsville, Pa.
BRIGHTON horse nails—Standard Horse Nail Co., New Brighton, Pa.
BRIGHTON shoe lasts & stands—Wrightsville Hardware Co., Wrightsville, Pa.
BRIGHTWOOD journal bearings — Rider-Bagg Co., Springfield, Mass.
BRILL cars, snow plows & snow sweepers—J. G. Brill Co., 62nd & Woodland av, Phila., Pa.
BRILLIANT car signs—J. G. Brill Co., 62nd & Woodland av, Phila., Pa.
BRILLIANT gasoline lamps—Brilliant Gas Lamp Co., 1009 S. Wabash, Chicago, Ill.
BRILLIANT IDEAL clothing wardrobes & show cases —M. L. Himmel & Son, 109 N. Frederick av, Baltimore, Md.
BRILLIANT incandescent electric lamps—Brilliant Electric Works of G. E. Co., Cleveland, Ohio
BRILLIANT metal polish—F. M. Trafton Co., 176 Federal, Boston, Mass.
BRILLIANT railway lanterns—Ohio lantern Co., Tiffin, Ohio
BRILLIANTSHINE metal polish—E. W. Bennett & Co., 2000 16th, San Francisco, Cal.
BRILLIANTINE enamel gold paints—Devoe & Raynolds Co., 101 Fulton, New York
BRILLION gasoline engines & clod crushers—Moline Plow Co., Moline, Ill.
BRIMO adjustable drawing table—Fred'k Post Co., 202 S. Clark, Chicago, Ill.
BRINELL hardness testing machines—Pittsburgh Instrument & Machine Co., 236 3d av, Pittsburgh, Pa.
BRINKMAN tube polishing machines—Baltimore Tube Co., Wicomico & Ostend, Baltimore, Md.
BRINNELL hardness testing instruments—Sanveur & Boyleston, Cambridge, Mass.
BRINNELL hardness testing machines; meters—Herman A. Holz, 2 Madison av, New York
BRINNON automobile engine starters—Peters & Herron Dash Co., 533 E. Long, Columbus, Ohio
BRISAM boiler compounds—British-American Chemical Co., Paterson, N. J.
BRISBEN emery wheel dressers — Cleveland Flue Cleaner Mfg. Co., Cleveland, Ohio
BRISBEN emery wheel dressers—Osborn-Crew Mfg. Co., Cleveland, Ohio
BRISTO safety hollow set screws—Bristol Co., Waterbury, Conn.
BRISTOL clothes lines—Estes Mills, Fall River, Mass.
BRISTOL counting machines & revolution counters—Chas. J. Root, Bristol, Conn.
BRISTOL rubber hose & packing—National India Rubber Co., Bristol, R. I.
BRISTOL steel fishing rods—Horton Mfg. Co., Bristol, Conn.
BRISTOL CARPENTER screw drivers—Turner & Deegan, Bristol, Conn.
BRISTOL'S belt fasteners, thermometers, pressure gauges, time recorders, planimeters & heat regulators—Bristol Co., Waterbury, Conn.
BRISTOL'S store trucks—Thos. Packer, Union City, Conn.
BRITE LITE miners' safety lamps—Harker Mfg. Co., 410 Pearl, Cincinnati, O.
BRITELITE trouble finding automobile lamps—American Enamel Co., Providence, R. I.
BRITTON drain cocks—Peter A. Frasse & Co., Inc., 417 Canal, New York
BRITTON evener regulators—Saco-Lowell Shops, Boston, Mass.
BROADBENT & BRIGHAMS hosiery winders—Arthur A. Brigham, Old South bldg, Boston, Mass.
BROADCAST fertilizer distributors—Richardson Mfg. Co., Worcester, Mass.
BROCKTON mop wringers—Brockton Mop Wringer Co., Brockton, Mass.
BRO-GAR spark plugs—Brockett-Gorham Co., Marion, Ohio
BROHARD door stops & ventilating sash locks—Brohard Co., 3rd & Lehigh, Phila., Pa.
BROMLEY concrete floors & arches—Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.
BRONCHO leather cloth—Zapon Leather Cloth Co., 200 5th av, New York
BRONCHO rubber hose & belting—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio
BRONCHO concrete mixers—Lansing Co., Lansing, Mich.
BRONX stoves—Union Stove Works, 70 Beekman, New York
BRONZE BALL rock crushers—Chalmers-Williams Mfg. Co., 1461 Arnold, Chicago Heights, Ill.
BRONZEX ball valve seats—Chas. N. Hough Mfg. Co., Franklin, Pa.
BROOK rubber hose — Bowers Rubber Works, San Francisco, Cal.
BROOKDUCT interior conduits—Eastern Flexible Conduit Co., 41 Gardner av, Brooklyn, N. Y.
BROOKE pig iron—E. & G. Brooke Iron Co., Birdsboro, Pa.
BROOKLYN bottle labeling machines—Chas. Leffler & Co., 51 Clymer, Brooklyn, N. Y.
BROOKLYN Bridge cement—Consolidated Rosendale Cement Co., 50 Church, New York
BROOKLYN flint, sand & emery paper—Herman Behr & Co., 61 Broadway, New York
BROOKLYN fry pans—New York Stamping Co., N. 11th & Ferry, Brooklyn, N. Y.
BROOKLYN metal lath—Brooklyn Metal Ceiling Co., 287 Greene av, Brooklyn, N. Y.
BROOKLYN refined sulphur—Battelle & Renwick, 80 Maiden lane, New York
BROOKLYN sink strainers—Silver & Co., 304 Hewes, Brooklyn, N. Y.
BROOKS cold tire setters—Brooks Machine Co., Wichita, Kans.
BROOK'S potentiometers—Leeds & Northrup Co., Stenton av, Gtn., Phila., Pa.
BROOKS gauge glass gaskets & packing — Anchor Packing Co., Lafayette bldg., Phila., Pa.
BROOKVILLE farm wagons — Brookville Mfg. Co., Brookville, Pa.
BROOME surface heating concentrators—Bethlehem Foundry & Machine Co., South Bethlehem, Pa.
BROOMELL vapor heating system—Vapor Heating Co., North American bldg., Phila., Pa.
BROUGHTON cocks & bibbs—E. Stebbins Mfg. Co., Springfield, Mass.
BROUGHTON plaster mixers—W. D. Dunning, Syracuse, N. Y.
BROWDER life saving nets—Cory-Patterson Mfg. Co., Greenfield, Ohio
BROWN boiler compounds—American Oil & Lubricant Works, Rochester, N. Y.
BROWN CHAMPION post hole diggers, farm wagons, fertilizer distributors—Brown Mfg. Co., Zanesville, Ohio
BROWN churns—M. Brown Co., Wapakoneta, Ohio
BROWN coil chain—Bridgeport Chain Co., Bridgeport, Conn.
BROWN cut-off couplings & gas engine clutches—Brown Clutch Co., Sandusky, Ohio
BROWN glass insulators—Brookfield Glass Co., 2 Rector, New York
BROWN hog rings—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.
BROWN leaf spring oilers—Brown Spring Oiler Co., 6911 Carnegie av, S. E., Cleveland, Ohio
BROWN marine gears—Hyde Windlass Co., Bath, Me.
BROWN pipe tongs—Crane Co., 836 S. Michigan av, Chicago, Ill.
BROWN potato diggers—Peter Brown, Greeley, Colo.
BROWN pulleys, pulley bushings & pulley oilers—Brown Engng. Co., Reading, Pa.
BROWN pyrometers & recording indicators—Brown Instrument Co., Wayne & Windium av, Phila., Pa.
BROWN stalk cutters—Galesburg Coulter & Disc Co., Galesburg, Ill.
BROWN water closet shields—Brown Hoisting Machinery Co., 4403 St. Clair, N. E., Cleveland, Ohio
BROWN & CARVER paper cutting machines—Oswego Machine Works, Oswego, N. Y.
BROWNE hot air furnaces—Phillips Heating, Vent. & Mfg. Co., Los Angeles, Cal.
BROWNE ice picks—W. G. Browne Mfg. Co., Kingston, N. Y.
BROWNE rolled steel windows—Richey, Brown & Donald, Flushing av, Maspeth, N. Y.

BROWNHOIST locomotive cranes, grab & shoveling buckets—Brown Hoisting Machinery Co., 4403 St. Clair av, N. E., Cleveland, Ohio
BROWNHOIST safety winches—Yale & Towne Mfg. Co., 9 E. 40th, New York
BROWNIE cameras—Eastman Kodak Co., Rochester, N. Y.
BROWNIE megaphones—Kennebunk Mfg. Co., Rochester, N. H.
BROWNIE potato sprayers — Leggett & Bro., 301 Pearl, New York.
BROWNIE splicing compound taps—Boston Woven Hose & Rubber Co., Cambridge, Mass.
BROWN'S hog ringers—Decker Mfg. Co., Keokuk, Iowa.
BROWN'S PERFECT seed corn testers—Burgess-Norton Mfg. Co., Geneva, Ill.
BROWN'S PERFECTION bolts, nuts & rivets—A. R. Brown, Erwin, Tenn.
BROWN'S pipe tongs—Ashcroft Mfg. Co., 119 W. 40th, New York
BROWN'S roller bearing wheels—Concord Axle Co., Penacook, N. H.
BROWN'S wagon skeins—American Skein & Foundry Co., Racine, Wis.
BRUCKNER smelting furnaces—Kennedy-Van Saun Mfg. & Eng. Corp., 120 B'way, New York
BRUNELLE steam & hot water heaters—F. X. Brunelle, Worcester, Mass.
BRUNNER air compressors—Brunner Mfg. Co., Utica, N. Y.
BRUNNER platform scales—Brunner Foundry & Mfg. Co., Peru, Ill.
BRUNO compression grease cups—Wm. Powell Co., Cincinnati, Ohio
BRUNSVIGA adding machines—Carl H. Reuter, Land Title bldg., Phila., Pa.
BRUNSWICK asphalt mastic—Gabriel & Schall, 205 295 B'way, New York
BRUNSWICK packing—Goetze Gasket & Packing Co., New Brunswick, N. J.
BRUNTON ore samplers—Dillion-Box Iron Works Co., Denver, Colo.
BRUNTON transits—Wm. Ainsworth & Sons, Denver, Colo.
BRUNTON'S piano wire—Peter A. Frasse & Co. (Inc.), 417 Canal, New York
BRUSH cloth mops—Brush Mop Co., 415 Lafayette, New York
BRUYN cast iron swinging smoke jacks—Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
BRUYN round house smoke jacks—Mann-McCann Co., Fisher bldg, Chicago, Ill.
BRYAN folding counter seats—Bryan Novelty Mfg. Co., Bryan, Ohio
BRYAN-MARSH incandescent electric lamps—Bryan-Marsh Division, 431 S. Dearborn, Chicago, Ill.
BRYAN store stools—Bryan Novelty Mfg. Co., Bryan, Ohio
BRYANT oil filters—Day Co., 1004 Lyndale, Minneapolis, Minn.
BRYANT snap & bush switches—Bryant Electric Co., Bridgeport, Conn.
BRYANT surface grinders—Bryant Chucking Grinder Co., Springfield, Vt.
BRYANT switches—Bryant Electric Co., Bridgeport, Conn.
BRYANT water heaters—Bryant Heater & Mfg Co., 952 E. 72nd, Cleveland, Ohio
BRYANT-CLEVELAND arc light cut-outs—Bryant Electric Co., Bridgeport, Conn.
BRYT-O carriage top dressing—Glo-Co., East Orange, N. J.
BUCHANAN magnetic separators—Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
BUCHANAN plain crushing rolls & magnetic separators—C. G. Buchanan Co., 90 West, New York
BUCH'S feed cutters, root cutters & corn shellers—A Buch's Sons Co., Elizabethtown, Pa.
BUCK shovels, spades & scoops—Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
BUCKEYE agricultural wrenches, carriage, machine & tire bolts—Lamson & Sessions Co., 2188 Scranton rd, S. W., Cleveland, Ohio
BUCKEYE engine & blue printing machines—Buckeye Engine Co., Salem, Ohio
BUCKEYE boiler cleaners—Buckeye Boiler Skimmer Co., Toledo, Ohio
BUCKEYE can openers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
BUCKEYE cement—Buckeye Portland Cement Co., Bellefontaine, Ohio
BUCKEYE cleanser oil soap—Davies Young Soap Co., Dayton, Ohio
BUCKEYE clothes washing machines, churns & wood pails—Buckeye Churn Co., Sidney, Ohio
BUCKEYE common screw sticks—Chandler & Price Co., Cleveland, Ohio
BUCKEYE concrete mixers—Buckeye Engine & Foundry Co., Joliet, Ill.
BUCKEYE conduits—Youngstown Sheet Tube Co., Youngstown, Ohio
BUCKEYE drilling machines—Buckeye Tool & Machine Co., New Philadelphia, Pa.
BUCKEYE grain & rice planting drills—American Seeding Machine Co., Springfield, Ohio
BUCKEYE grindstones—Ohio Quarries Co., Citizens' bldg, Cleveland, Ohio
BUCKEYE hand carts—Kilbourne & Jacobs Mfg. Co., Columbus, Ohio.
BUCKEYE hose reels—Cardington Cabinet Co., Cardington, Ohio
BUCKEYE incandescent electric lamps—Buckeye Electric Works of G. E. Co., Cleveland, Ohio
BUCKEYE incubators & brooders—Buckeye Incubator Co., Springfield, Ohio
BUCKEYE jacks—Buckeye Jack Mfg. Co., Alliance, Ohio
BUCKEYE joists hangers—Columbian Hardware Co., Cleveland, Ohio
BUCKEYE lanterns—Iddings Co., Warren, Ohio
BUCKEYE lawn mowers, pumps, woven wire fences—Mast, Foos & Co., Springfield, Ohio
BUCKEYE metal polish—Buckeye Chemical Co., Akron, Ohio
BUCKEYE metallic shingles—Thomas & Armstrong Co., London, Ohio
BUCKEYE mowers—Moline Plow Co., Moline, Ill.
BUCKEYE packing—Crandall Packing Co., Palmyra, N. Y.
BUCKEYE pruning shears—Clyde Cutlery Co., Clyde, Ohio
BUCKEYE road scrapers & steel tubular barrows—Toledo Wheelbarrow Co., 2400 Broadway, Toledo, Ohio
BUCKEYE saw sets & planes—Buckeye Mfg. & Foundry Co., 2046 W. 55th, Cleveland, Ohio
BUCKEYE screen door hinges—Shelby Spring Hinge Co., Shelby, Ohio
BUCKEYE shoe lasts & stands—Root-Heath Mfg. Co., Plymouth, Ohio
BUCKEYE step ladders—Rich Pump Co., South & Depot, Cincinnati, Ohio
BUCKEYE receding pipe threaders, stock & dies—Hart Mfg. Co., Cleveland, Ohio
BUCKEYE tack claws & pullers, pot scrapers, wire spring potato mashers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
BUCKEYE traction ditcher—Buckeye Traction Ditcher Co., Findlay, Ohio
BUCKEYE tungsten lamps—Buckeye Electric Works of G. E. Co., Cleveland, Ohio
BUCKEYE twist drills—Buckeye Twist Drill Co., Alliance, Ohio
BUCKEYE warm air furnaces—Barber Mfg. Co., Ashtabula, Ohio
BUCKEYE water lifts—Buckeye Pump & Mfg. Co., Columbus, Ohio
BUCKEYE FORD shock absorbers—Central Brass & Fixture Co., Springfield, Ohio
BUCKING BRONCHO children's vehicles—Burgess-Norton Mfg. Co., Geneva, Ill.
BUCKLEY hose expanders & coupling expanding machines—Larkin Mfg. Co., Dayton, Ohio
BUCKLEY NON-TANGLE flag pole fixtures—Forest E. Howes, 307 Atlantic av, Boston, Mass.
BUCKLEY pyrometers—American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
BUCKLIN pea filler—Sinclair-Scott Co., Wells & Patapsco, Baltimore, Md.
BUCYRUS steam shovels—Bucyrus Co., South Milwaukee, Wis.
BUDA car replacers & rail benders—Buda Co., Railway Exchange bldg, Chicago, Ill.
BUDA-WILSON automatic feed drills—Buda Co., Railway Exchange bldg, Chicago, Ill.
BUDLONG harrows—Janesville Mach. Co., Janesville, Wis.
BUELL screw drivers—Buell Bros., Clinton, Conn.
BUELL'S hollow handle tool sets—M. W. Robinson Co., 203 37th, Brooklyn, N. Y.
BUERKENS farm wagons—Buerkens Mfg. Co., Pella, Ia.
BUFFALO aqua & anhydrous ammonia—Robinson Bros., Montrose av, Brooklyn, N. Y.
BUFFALO belt fasteners—Buffalo Specialty Co., 375 Ellicott, Buffalo, N. Y.
BUFFALO brand blast furnaces—Buffalo Union Furnace Co., Buffalo, N. Y.
BUFFALO brick carriers' clamps & salamanders—Mostberger Iron Co., 878 S. Division, Buffalo, N. Y.

BUFFALO cabinet makers clamps—E. E. Josef Mfg. Co., Buffalo, N. Y.
BUFFALO clover bunchers & grain lifter guards—Eckhardt Mfg. Co., St. Paul, Minn.
BUFFALO egg poachers—Republic Metalware Co., Buffalo, N. Y.
BUFFALO electric hoists—Buffalo Hoist & Derrick Co., 131 Erie, Buffalo, N. Y.
BUFFALO apple choppers, kraut cutters & root cutters—John E. Smith's Sons Co., Buffalo, N. Y.
BUFFALO forge blowers, tire upsetters & spray nozzles—Buffalo Forge Co., Buffalo, N. Y.
BUFFALO grain testers—Buffalo Scale Co., 120 Niagara, Buffalo, N. Y.
BUFFALO gravity-locking blind hinges—Wrightsville Hardware Co., Wrightsville, Pa.
BUFFALO grips—Smith & Hemenway, Inc., 261 Broadway, New York; 130 Coit, Irvington, N. J.
BUFFALO harness snaps—Frazer & Jones Co., Syracuse, N. Y.
BUFFALO hay presses—Maytag Co., Newton, Ia.
BUFFALO knife & scissor grinders & saw sharpening machines—Sam'l C. Rogers & Co., 10 Lock, Buffalo, N. Y.
BUFFALO lubricators, boiler injectors, gauge cocks & oil & grease cups, sight feed lubricators—Sherwood Mfg. Co., 1710 Elmwood av, Buffalo, N. Y.
BUFFALO pattern wax & vent wax—United Compound Co., 228 Elk, Buffalo, N. Y.
BUFFALO reclaimed rubber—U. S. Rubber Reclaiming Works, 42nd st bldg, New York.
BUFFALO refrig'rs—Heinz & Munschauer, Buffalo, N.Y.
BUFFALO rubber packing—Acme Rubber Mfg. Co., Trenton, N. J.
BUFFALO snow shovels—Buffalo Sled Co., N. Tonawanda, N. Y.
BUFFALO staple pullers—Osmundson Spade Mfg. Co., Perry, Ia.
BUFFALO steam & hot water heaters—W. A. Case & Son Mfg. Co., Buffalo, N. Y.
BUFFALO tinware—Aldrich Mfg. Co., Buffalo, N. Y.
BUFFALO valve & service boxes—Central Foundry Co., 90 West, New York
BUFFALO valve & service boxes—Modern Iron Works, Quincy, Ill.
BUFFALO water meters—Buffalo Meter Co., 2921 Main, Buffalo, N. Y.
BUFFALO GRIP comealongs—Western Electric Co., 463 West, New York
BUFFALO-PITTS steam road rollers—Buffalo Roller Co., Springfield, Ohio
BUFFALO-PITTS straw burning traction engines—Buffalo Pitts Co., Buffalo, N. Y.
BUFFALO PRESTO pneumatic spray brushes—Lederer, F. J. Co., 66 Forest av, Buffalo, N. Y.
BUFFALO-SILENT meat choppers & sausage making machinery—John E. Smith & Sons Co., Buffalo, N. Y.
BUFFINGTON automobile seats—C. A. Buffington & Co., Berkshire, N. Y.
BUFFINGTON folding seats—Fernald Mfg. Co., North East, Pa.
BUFFUM card printing presses—Buffum Tool Co., South Side, Louisiana, Mo.
BUFLOKAST gun iron castings, aniline apparatus, chemical plants & apparatus—organic nitrators, reducers, nitric & sulphuric recovery plants; phenol, beta naphthol, coal tar colors apparatus Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
BUFLOVAK vacuum apparatus, vacuum dryers, drum, rotary, shelf, drying & impregnating apparatus & pumps, condensers, evaporators, horizontal tube, vertical tube, all cast iron, & crystallizing. Chemical castings, pre-heaters & salt filters—Buffalo Foundry & Machine Co., Winchester av, Buffalo, N. Y.
BUG boot jacks—Root-Heath Mfg. Co., Plymouth, O.
BUG-DEATH insecticides—Danforth Chemical Co., Leominster, Mass.
BUG-NO insecticides—Plunkett Chemical Co., 2540 Cottage Grove av, Chicago, Ill.
BUILDERS PULL countershafts—Builders Iron Fdry., 9 Codding, Providence, R. I.
BUILDERS PULL countershafts—Diamond Machine Co., Providence, R. I.
BULKLEY barometric condensers, steam condensers—M. W. Kellogg Co., 90 West, New York.
BULKLEY feed water heaters—Imperial Iron Works, Duluth, Minn.
BULLARD carpet stretchers—Bradley & Farnham, Middlefield, Conn.
BULL-DOG acid phosphate—New Orleans Acid & Fertilizer Co., Gretna, La.
BULL DOG auto grip anti-skidding chains—Ulfers-Holtum Mfg. Co., Freeport, Ill.
BULL DOG bale ties—Baling Tie Buckle Co., Waterloo rd, Cleveland, Ohio
BULL DOG battery connectors—American Ever Ready Works, Thompson av, Long Island City, N. Y.
BULL DOG battery connectors—National Carbon Co., Madison av, N. W., & W. 117th, Cleveland, Ohio
BULL DOG bed & furniture casters—Faultless Caster Co., Evansville, Ind.
BULL DOG belt fasteners & lacing—Columbia Novelty Co., St. Louis, Mo.
BULL DOG baby carriage tires, belting, hose, packing, rubber heels, mats & insulating tape—Boston Woven Hose & Rubber Co., Cambridge, Mass.
BULL DOG boiler flue & tube cleaners—Elliott Co., Pittsburgh, Pa.
BULL DOG bootjacks—Nicol & Co., 218 N. Jefferson, Chicago, Ill.
BULL DOG can openers—Ira W. White & Son, Bloomfield, N. J.
BULL DOG clinch nails—G. G. Roberts Corp., Whitman, Mass.
BULL DOG closet seats—Grand Rapids Hand Screw Co., Grand Rapids, Mich.
BULL DOG coil chains & hammock chains—Cleveland Galvanizing Works Co., 3924 Cooper av, Cleveland, Ohio
BULL DOG concrete mixers—Raber & Lang Mfg. Co., Kendallville, Ind.
BULL DOG corn & cob mills—Letz Mfg. Co., Crown Point, Ind.
BULL DOG cutting nippers—Utica Drop Forge & Tool Co., Utica, N. Y.
BULL DOG cutting & drilling compounds & linseed oil soap—Climax Refining Co., Williamson bldg, Cleveland, Ohio
BULL DOG drill steel—International High Speed Steel Co., 1677 Pearl, New York
BULL DOG drop forged wrenches—Whitman & Barnes Mfg. Co., Akron, Ohio
BULL DOG friction clutches—Beloit Iron Works, Beloit, Wis.
BULL DOG gas engines—Bates & Edmonds Motor Co., Lansing, Mich.
BULL DOG gasoline blow torches—Turner Brass Works, Sycamore, Ill.
BULL DOG guy clamps—Bronson-Walton Co., Cleveland, Ohio
BULL DOG guy clips & wire rope clips—Lamson & Sessions Co., 2188 Scranton rd, S. W., Cleveland, Ohio
BULL DOG hookaroon picks & logging tools—Warren Axe & Tool Co., Warren, Pa.
BULL DOG hose clamps—W. D. Allen Mfg. Co., 556 W. Lake, Chicago, Ill.
BULLDOG knife switches & switchboards, oil break switches—Mutual Electric Machine Co., 232 Fort, W. Detroit, Mich.
BULL DOG lamp guards—McGill Mfg. Co., Valparaiso, Ind.
BULL DOG lubricating oils & greases & linseed oil soap—Climax Western Oil Co., Minneapolis, Minn.
BULL DOG mop wringers—Bushnell Novelty Co., Mansfield, Ohio
BULL DOG nail pullers—L. F. Grammes & Sons, Allentown, Pa.
BULL DOG padlocks—Sargent & Co., New Haven, Conn.
BULL-DOG paper mill grinders—Noble & Wood Machine Co., Hoosick Falls, N. Y.
BULL DOG parallel vises—Prentiss Vise Co., 110 Lafayette, New York
BULL DOG sash cord & sash chain fasteners—Allen & Son Co., Hartford, Conn.
BULL DOG shafting coupling & pulley bushings—Campbell Machinery Co., 35 W. 39th, New York
BULL DOG steam pumps—Lucy Manf'g Corp., 233 Broadway, New York
BULLDOG steel—International High-Speed Steel Co., 1677 Pearl, New York
BULL DOG steel shipping barrels—Toledo Steel Barrel Co., Toledo, Ohio
BULL DOG stock & dies—Oster Mfg. Co., Cleveland, Ohio
BULL DOG steel toe calks—Phoenix Horse Shoe Co., Poughkeepsie, N. Y.
BULL DOG tinners' snips—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
BULL DOG varnish—Longman & Martinez, 54 Maiden la, New York
BULL DOG vises—Prentiss Vise Co., 103 Lafayette, New York
BULL DOG wall paper size—Cott-a-Lap Co., Somerville, N. J.
BULL DOG wall ties—American Rolling Mill Co., Middletown, Ohio

BULL-DOG window casement adjusters—Casement Hardware Co., 9 S. Clinton, Chicago, Ill.
BULL DOG wire stretchers—Mason Fence Co., Leesburg, Ohio
BULL DOG GRIP spring clothes pins—U. S. Clothespin Co., Montpelier, Vt.
BULLET gas automobile lamps—Gray & Davis, Boston, Mass.
BULL FROG barrows, concrete carts & drag road scrapers—Toledo Wheelbarrow Co., 2400 Broadway, Toledo, Ohio
BULL FROG shoe blackings—S. M. Bixby & Co., 46th & 2nd av, Brooklyn, N. Y.
BULL FROG shovels, spades and scoops—Ohio Shovel & Stamping Co., Canal Dover, Ohio
BULL FROG RIVALITE metallic packing—Strong Machinery & Supply Co., 21 Walker, New York
BULL MOOSE pneumatic tools—Ingersoll-Rand Co., 11 Broadway, New York
BULLOCK electric motors—Allis-Chalmers Co., Milwaukee, Wis.
BULLOCK tackle blocks—Jas. H. Channon Mfg. Co., 227 W. Erie, Chicago, Ill.
BULLOCK traps, wrenches—Bullock Mfg. Associates, Springfield, Mass.
BULL RUN powdered talc—Federal Foundry Supply Co., 2639 E. 79th, Cleveland, Ohio
BULL TONGUE guy anchors—I. A. Bennett Co., 112 W. Adams, Chicago, Ill.
BULL'S EYE corn planters—Ohio Rake Co., Dayton, Ohio
BULL'S EYE lanterns—Knapp Mfg. & Supply Co., 241 Water, New York
BULL'S EYE lubricators—Nathan Mfg. Co., 416 E. 106th, New York
BULLSEYE smokeless rifle powder—Hercules Powder Co., Wilmington, Del.
BULL'S HEAD belting—Chas. A. Schieren & Co., 30 Ferry, New York
BULL'S HEAD carbonate of potash—J. A. & W. Bird & Co., 88 Pearl, Boston, Mass.
BULL'S HEAD flint paper—Armour Sandpaper Works, 1355 W. 31st, Chicago, Ill.
BULL'S HEAD hay revolving rakes—Ohio Rake Co., Dayton, Ohio
BULL'S HIDE GRAY carpet linings—Brown Co., Portland, Me.
BULLY BOY saw sets—Hy. Disston & Sons, Tacony, Phila., Pa.
BULLY SHINE shoe blacking & polishes—Whittemore Bros. Corp., Cambridge, Mass.
BUMPA automatic dumps—Sanford-Day Iron Works, Knoxville, Tenn.
BUMPER ore concentrators—McFarlane, Eggers Machinery Co., Denver, Colo.
BUNDY steam traps—Nashua Machine Co., Nashua, N. H.
BUNDY steam & oil separators & steam traps—Griscom-Russell Co., 92 West, New York
BUNDY time recorders—International Time Recording Co. of N. Y.—Endicott, N. Y.
BUNGALOW steam & hot water heaters & instantaneous water heaters—Pittsburgh Water Heater Co., Columbia Bank bldg., Pittsburgh, Pa.
BUNKER HILL mining screens—Hendrie & Bolthoff Mfg. & Supply Co., Denver, Colo.
BUNKER HILL paint & varnish remover—Burbank & Ryder, Boston, Mass.
BUNTING bearings & bushings—Bunting Brass & Bronze Co., 738 Spencer, Toledo, Ohio
BUOY submarine hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
BURBYOTTE glue—Burnet Mfg. Co., 64 Gold, New York, N. Y.
BURCH potato diggers & cast iron culverts—Burch Plow Works Co., Crestline, Ohio
BURCHARTZ fire proof doors—Burchartz Fireproofing Co., 26 Cortland, New York
BURD piston rings—Burd High-Compression Ring Co. Rockford, Ill.
BURDICT bolt heading machines—Howard Iron Works, Buffalo, N. Y.
BURGESS high speed steel—Cyclops Steel Co., 120 B'way, Nw York
BURGESS paper cop tubes—Chas. F. Taylor, 57 Weybosset, Providence, R. I.
BURGESS tires—Burgess Patent Tire Mfg. Co., Brookfield, Mo.
BURGESS warm air registers—Rock Island Register Co., Rock Island, Ill.
BURGMAN'S JANOS plate asbestos sheet packing—Feodor Burgman, 26 Cortland, New York
BURHORN water cooling towers—Edwin Burhorn Co., 71 Wall, New York
BURKE electrical motors—Burke Electric Co., Erie, Pa.
BURKE oil filters—Burke Furnace Co., 223 W. Austin av, Chicago, Ill.
BURKHARD adding machines—Carl H. Reuter, Land Title bldg., Phila., Pa.
BURLEIGH horse blankets—Thos. Kelly & Co., 89 Chauncy, Boston, Mass.
BURLEY steam & hot water heaters—Burley Heater Co., Tyrone, Pa.
BURLINGTON rubber tire applying machinery—Pettigrew Foundry, Harvey, Ill.
BURNER universal seed corn testers—Burgess-Norton Mfg. Co., Geneva, Ill.
BURNHAM steam pumps—Union Steam Pump Co., Battle Creek, Mich.
BURNHAM steam & hot water heaters—Lord & Burnham Co., 30 E. 42nd, New York
BURNLEY dry batteries—Burnley Battery & Mfg. Co., North East, Pa.
BUR-NOR latches, sash locks, ice picks, cupboard catches, screw drivers—Burgess-Norton Mfg. Co., Geneva, Ill.
BURNS brackets, porcelain telephone mouthpieces & switchboards—American Electric Co., 6401 S. State, Chicago, Ill.
BURNS crucibles—American Oil & Supply Co., 52 Lafayette, Newark, N. J.
BURNS ECONOMIC foundry molding machines—Syracuse Malleable Iron Works, Syracuse, N. Y.
BURNSHINE liquid polish—J. C. Paul & Co., 930 Roscoe, Chicago, Ill.
BURR belting—Burr Oak Belting Co., 521 Livingston, Cincinnati, Ohio
BURRITTS roofing seamers—O. W. Burritt & Bro., Weedsport, N. Y.
BURRO hack saw machines & screw slotting cutters—Burroughs Tool Co., 87 Warren, New York
BURROWES FEATHER WEIGHT folding chairs—E. T. Burrowes Co., 70 Free, Portland, Me.
BURROWS ball bearing track jacks—Walter R. Burrows, 80 Maiden la, New York
BURROWS feed water regulators—Burrows Mfg. Co., York, Pa.
BURT cement—Burt Portland Cement Co., Bellevue, Mich.
BURT exhaust heads, oil filters & ventilators—Burt Mfg. Co., 40 Main, Akron, Ohio
BURT slime filters—Chalmers-Williams Mfg. Co., 1461 Arnold, Chicago Heights, Ill.
BURTON anti-rattlers—Bauer Bros. Mfg. Co., Richmond & Carr, Cincinnati, Ohio
BUSHNELL lawn swings—Bushnell Tank Works, Bushnell, Ill.
BUSINESS clothes lines—Estes Mills, Fall River, Mass.
BUSTER BROWN riding listers—Fort Madison Plow Co., Fort Madison, Ia.
BUSY BEE cordage & twine—American Mills Co., Atlanta, Ga.
BUSY BEE riding cultivators—Roderick Lean Mfg. Co., Mansfield, Ohio
BUSY BOY gasoline engines—Associated Mfrs. Co., Waterloo, Iowa
BUTCHERS' BOSTON POLISH floor finish—Butcher Polish Co., 356 Atlantic av, Boston, Mass.
BUTLER auto truck trailers—Butler Co., Butler, Ind.
BUTLER boat cushions—Pneumatic Mfg. Co., 123 Pacific, Brooklyn, N. Y.
BUTLER hand carts—Lean, Roderick Mfg. Co., Mansfield, Ohio
BUTLER COMBINATION steel corn cribs—Butler Mfg. Co., Kansas City, Mo.
BUTMAN'S flue scrapers, rod cleaners—James McCrea & Co., 562 W. Washington, Chicago, Ill.
BUTTERFLY rock drills & plug drills—Ingersoll-Rand Co., 11 Broadway, New York
BUTTER-KIST pop corn machines—Holcomb & Hoke Mfg. Co., Indianapolis, Ind.
BUTTERNUT faucets—Chas. I. Allen, Pequabuck, Conn.
BUTTERS centrifugal pumps—Meese & Gottfried Co., 660 Mission, San Francisco, Cal.
BUTTON'S combination pliers—Irving Mfg. & Tool Co., 157 Chambers, New York
BUXTON garment hangers—L. A. W. Novelty Co., Springfield, Mass.
BWAXO dust & floor brushes, dusters, dust cloths, cloth comb mops—Wax Brush Co., 56 Sanford, Boston, Mass.
BYERLYTE asphalt cements & waterproofing materials—Byerly & Sons, 2489 W. 4th, Cleveland, Ohio
BYER'S hoisting engines—Jno. F. Byers Machine Co., 242 S. Sycamore, Ravenna, O.
BYLLESBY wishbone cross arms—R. Thomas & Sons Co., East Liverpool, O.
BYRAM foundry plant equipments & tumbling mills—Central Foundry Supply Co., P. O. Box 945, Columbus, Ohio

C fire resisting cements—Howard Co., New Haven, Conn.
C nickel babbitt metal—A. Gilbert & Sons Brass Fdry. Co., 4019 Forest Park blk, St. Louis, Mo.
C. sad irons—Colebrookdale Iron Co., Pottstown, Pa.
C-A-W wood preservatives—C-A-Wood Preserver Co., Wright bldg., St. Louis, Mo.
C. BACHE-WIIG barking drums—Baker Mfg. Corp., Saratoga Springs, N. Y.
C. B. B. hame fasteners—Covert Saddlery Works, Interlaken, N. Y.
C. B. Co. compression couplings—Chain Belt Co., Milwaukee, Wis.
C. B. S. gaskets—Peerless Rubber Mfg. Co., 31 Warren, New York
C. B. S. packing—Western Rubber Co., Goshen, Ind.
C. B. S. packing—Whitehead Bros. Rubber Co., Trenton, N. J.
C. C. chain—Columbus McKinnon Chain Co., Columbus, Ohio
C. C. CO. cutlery—Canton Cutlery Co., Canton, O.
C. C. crane & dredge chains—Columbus McKinnon Chain Co., Columbus, Ohio
C. C. disinfectants—H. C. Dusenberry (Inc), 95 Gold, New York.
C. C. packing—Crane Co., 836 S. Michigan av, Chicago, Ill.
C-C springs—Standard Pts. Co., Cleveland, Ohio
C. C. BROOKS hooks, knives & scythes—North Wayne Tool Co., Hallowell, Me.
C. C. PARSONS aqua & anhydrous ammonia—Columbia Chemical Works, 43 Sedgwick, Brooklyn, N. Y.
C. C. WAIS punching & shearing machinery—Covington Machine Co., Covington, Va.
C. C. C. anti-freezing compounds—Corliss Mfg. & Supply Co. 1906 Olive, St. Louis, Mo.
C. C. C. belt cements, belt dressing, compounds, metal polish—Corliss Mfg. & Supply Co., 1906 Olive, St. Louis, Mo.
C. C. C. boiler compounds—Continental Chemical Co., 119 S. 4th, Philadelphia, Pa.
C. E. J. & CO.'S saws, knives, nail sets, bits, chisels, borers, wall strapers, screw drivers, levels & slicks—C. E. Jennings & Co., 71 Murray, New York
C. F. C. & CO. manganese steel track work—Cleveland Frog & Crossing Co., Cleveland, Ohio
C. F. M. core compounds—Smith Facing & Supply Co., Carter rd, Cleveland, Ohio
C. G. cotton softeners—E. F. Houghton & Co., 240 W. Somerset, Phila., Pa.
C-H switches, speed regulators, machine tool controllers, rheostats—Cutler Hammer Mfg. Co., Milwaukee, Wis.
C. H. WHEELER-THYSSEN pumps—C. H. Wheeler Mfg. Co., Lehigh av & N. 18th, Phila., Pa.
C. H. & E. hoists, pumps, saw rigs—C. H. & E. Mfg. Co., Milwaukee, Wis.
C-I gaskets—Peerless Rubber Mfg. Co., 31 Warren, New York.
C. I. rubber packing—Whitehead Bros. Rubber Co., Trenton, N. J.
C. L. BEST traction engines—Davis Sewing Machine Co., Dayton, Ohio
C. L. tanners' oils—E. F. Houghton & Co., 240 W. Somerset, Phila., Pa.
C. L. E. hose nozzles—John Simmons Co., 110 Centre, New York.
C. M. shipping pails—Crunden-Martin Mfg. Co., 2d & Gratiot, St. Louis, Mo.
C M insulated wire—National India Rubber Co., Bristol, R. I.
C. M. B. adjustable wrenches—C. M. H. Wrench Co., Garwood, N. J.
C. M. DAY mining picks—Salem Tool Co., Salem, Ohio
C. N. W. register card splicers—Chas. N. Wood Co., 14 Federal, Boston, Mass.
C-O type oil engines—Fairbanks, Morse & Co., 900 S. Wabash av, Chicago, Ill.
C. O. S. packing—Western Rubber Co., Goshen, Ind.
C. O. T. carriage top dressing—Chas. O. Tingley & Co., Rahway, N. J.
C. P. aqua & anhydrous ammonia—Baker & Adamson Chemical Co., Easton, Pa.
C. P. churns—Creamery Package Mfg. Co., 61 W. Kinzie, Chicago, Ill.
C. P. 90 per cent & straw colored benzol refiners—National Aniline & Chemical Co., 21 Burling Slip, New York.
C. P. special industrial starch—Corn Products Refining Co., 17 Battery pl, New York
C. P. P. paint—Carbon Preservative Paint Co., Salt Lake City, Utah
C. S. C. dustless mops—Cedar-Sweep Co., Los Angeles, Cal.
C. S. G. deadening felts—C. S. Garrett & Son Co., 21 Decatur, Phila., Pa.
C. S. O. & CO. scalloping machines—C. S. Osborne & Co., Harrison, N. J.
C. & C. dynamos & motors—C. & C. Electric & Mfg. Co., Garwood, N. J.
C. & C. edgers—Chicago Laundry Machinery Co., 119 N. Canal, Chicago, Ill.
"C & C" edger—Chicago Laundry Machy Co., 213 W. Grand av, Chicago, Ill.
C. & C. ironers—Atlas Laundry Machinery Co., 6th & Baymiller, Cincinnati, Ohio
C. & C. lawn trimmers—Chadborn & Coldwell Mfg. Co., Newburgh, N. Y.
C. & C. starchers—Geo. H. Bishop, 550 W. Washington, Chcago, Ill.
C. & D. closet seats & tanks—Coyne Delany Co., 832 Kent av, Brooklyn, N. Y.
C. & F. knitting machinery—Ainslie Knitting Machine Co., 281 Ainslie, Brooklyn, N. Y.
C. & F. screw drivers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
C. & G. warp stop motions—Coldwell Gilard Co., 95 Milk, Boston, Mass.
C. & H. Babbitt Metal—Lake Superior Brass Foundry Co., Laurium, Mich.
C. & H. milk cooler—Cordley & Hayes, 7 Leonard, New York
C. & S. tire air pumps—Codman & Shurtleff, 120 Boylston, Boston, Mass.
C. & W. telegraph & wireless telegraph instruments—Cutting & Washington, Inc., 26 Portland, Cambridge, Mass.
"CABINORA" kitchen cabinets—Steel White Co., Jamestown, N. Y.
CABLE hot air furnaces—E. B. Colby & Co., Hoboken av, Jersey City, N. J.
CABLE jack-straps—Mathias Klein & Sons, 562 W. Van Buren, Chicago, Ill.
CABLEINE wire rope coating—Strong Machinery & Supply Co., 21 Walker, New York
CABLE PRINCE pumps, engines, etc.—Dominion Asbestos & Rubber Corp., 154 Nassau, New York
CABOT'S insulating & sheathing paper—Samuel Cabot (Inc.), 141 Milk, Boston, Mass.
CACKEY pneumatic riveters—F. F. Slocomb & Co., 14th & Poplar, Wilmington, Del.
CACTUS lawn sprinklers—American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
CADET BLUE kitchen enameled ware—Belmont Stamping & Enameling Co., New Phila., Ohio
CADET oil pump lubricators—Wm. Powell Co., Cincinnati, Ohio
CADILLAC hand vacuum cleaners & carpet sweepers—Clements Mfg. Co., 609 Fulton, Chicago, Ill.
CADILLAC SPECIAL vacuum cleaners—Chas. W. Emery, 2036 N 13th, Chicago, Ill.
CADO ink brush erasers—Cushman & Denison Mfg. Co., 240 W. 23rd, New York
CADY carpet beaters & tack claws & pullers—Cady Mfg. Co., Auburn, N. Y.
CAFFREY whip socket fasteners—Searls Mfg. Co., 29 Mulberry, Newark, N. J.
CAFREY-HUNTINGTON track engines — Buda Co., Railway Exchange bldg., Chicago, Ill.
CAHILL ferrules—M. F. Cahill, 710 E. 2d, Boston, Mass.
CAHILL fire-place furnishings—Chattanooga Roofing & Fdry Co., Chattanooga, Tenn.
CAHOON hand seed sowers—Goodell Co., Antrim, N. H.
CAHOON hand seed sowers—Whitman Agricultural Works Co., 7000 S. Broadway, St. Louis, Mo.
CALARIA stearine pitch—Moore & Munger, 29 Broadway, New York
CALCINO wall finish—Muralo Company, Richmond Terrace, New Brighton, Boro. of Richmond, N. Y.
CALCITINE cold water calcimine or wall finish—M. Ewing Fox Co., 241 E. 136th, New York
CALCO iron flumes, road culverts, signs, tanks & sluice gates—California Corrugated Culvert Co., Berkeley, Cal.
CALCUTTS automobile belts—Gardner Wire Co., 5646 Race av, Chicago, Ill.
CALDWELL door checks—Caldwell Mfg. Co., Rochester, N. Y.
CALDWELL grantesters & pulleys, pan conveyors, elevator boots, car pullers & power transmitting machinery—H. W. Caldwell & Son Co., 17th & Western av, Chicago, Ill.
CALDWELL hose clamps—W. D. Allen Mfg. Co., 566 W Lake, Chicago, Ill.
CALDWELL tank alarms & tank lugs—W. E. Caldwell Co., Louisville, Ky.
CALDWELL-WALKER gears—H. W. Caldwell & Son Co., 17th & Western av, Chicago, Ill.

CALEDONIAN front brick—Fiske & Co., 25 Arch, Boston. Mass
CALF cattle dehorners—L. A. Sayre & Son, 332 Mulberry, Newark, N. J.
CALHOUN cotton rope—Anniston Cordage Co., Anniston, Ala.
CALIDO nickel-chromium wire—Electrical Alloy Co., Morristown, N. J
CALIFORNIA hay forks—F. E. Myers & Bro., Ashland, Ohio
CALIFORNIA knives & spoons—Ontario Knife Co., Franklinville, N. Y.
CALIFORNIA pruning shears—Smith, Seymour & Son, Oakville, Conn.
CALIFORNIA Solar bath heaters—Solar Heater Co., Los Angeles, Cal.
CALIFORNIA trace carriers—North & Judd Mfg. Co., New Britain, Conn.
CALIFORNIA vegetable parers—Ira F. White & Son Co., Bloomfield, N. J.
CALISBESTOS gaskets & packing—General Asbestos Rubber Co., Charleston, S. C.
CALK horse shoe pads—Revere Rubber Co., Chelsea, Mass.
CALLAHAN hose nozzles—Cornelius Callahan Co., 127 Purchase, Boston, Mass.
CALLANS glue—Wood & Hare, 66 Leonard, New York
CALLIAN foundry cupolas—Central Foundry Supply Co., P. O. Box 945, Columbus, Ohio
CALLOW belt screens & settling tanks—Gallagher Machinery Co., Salt Lake City, Utah
CALMAN'S wood fillers—Emil Calman & Co., 100 William, New York
CALORA enamels—Standard Varnish Wks., 90 West New York
CALOREX—burners, cocks & furnaces—W. N. Best, Inc., 11 B'way, New York
CALORIC fireless cookers — Caloric Co., Janesville, Wis.
CALUMET cattle guards—Calumet Supply Mfg. Co., 14 E. Jackson blvd, Chicago, Ill.
CALUMET cotton hose—Mechanical Rubber Co., 73 Reade, New York
CALUMET oil pump lubricators—J. E. Lonergan Co., 211 Race, Phila., Pa.
CALUMET traveling cranes—Calumet Foundry Equipment Co., Harvey, Ill.
CALUMET-PAXTON railway track drills—Crerar Adams & Co., 239 E. Erie, Chicago, Ill.
CALVET desk telephone brackets—Lee Electric Co., 219 N. Calvert, Baltimore, Md.
CALYX core drills—Ingersoll-Rand Co., 11 Broadway, New York
CAMARET roofing tin—Merchant & Evans Co., 2035 Washington av, Phila., Pa.
CAMARGO shade cloth—Chas. W. Breneman & Co., 2045 Reading rd, Cincinnati, Ohio
CAMBRIDGE rigid reversible metal lath—American Sheet & Tin Plate Co., Frick bldg., Pittsburgh, Pa.
CAMBRIDGE traps—Joseph H. Young Co., 82 High, Boston, Mass.
CAMBRO shade cloth—Western Shade Cloth Co., 21st & Jefferson, Chicago, Ill.
CAMDEN grease cups—Lindholm Metal Stamping Co., Camden, N. J.
CAMEL belting & belt dressing—Rossendale-Reddaway Belting & Hose Co., Newark, N. J.
CAMEL journal bearings—Climax Bearing Co., Majestic bldg., Detroit, Mich.
CAMEL HAIR belting—Rossendale-Reddaway Belting & Hose Co., Newark, N. J.
CAMEO typewriter ribbons—H. M. Storms Co., 11 Vandewater, New York
CAMERAGRAPH copying machines — Cameragraph Co., 906 Baltimore av, Kansas City, Mo.
CAMERON 1A dynamite—Grasselli Powder Co., Guardian bldg, Cleveland, O.
CAMERON can makers' machinery—Wold, Torris & Co., 240 N. Ashland av, Chicago, Ill.
CAMERON commutators—Cameron Electric Mfg. Co., Ansonia, Conn.
CAMERON pumps—Ingersoll-Rand Co., 11 Broadway, New York.
CAMERON steam pumps—A. S. Cameron Steam Pump Works, 11 Broadway, New York
CAMILLUS cutlery—A. Kastor & Bros., 109 Duane, New York
CAMP portable grain elevators—Camp Bros. & Co., Washington, Ill.
CAMPBELL crank handles — Perkins-Campbell Co., 622 Broadway, Cincinnati, Ohio
CAMPBELL feed water purifiers—Ross Valve Mfg. Co., Troy, N. Y.
CAMPBELL fertilizer dryers—Cambridge Iron Works, Cambridge, Mass.
CAMPBELL graphite lubricants—Adreon Mfg. Co., Security bldg., St. Louis, Mo.
CAMPBELL hammer lock cotters & sash chains—American Chain Co., Bridgeport, Conn.
CAMPBELL junction boxes & receptacle plugs—Steel City Electric Co., 1207 Columbus av, Pittsburgh, Pa.
CAMPBELL linseed oil & cake—American Linseed Co., Woolworth bldg, New York
CAMPBELL street railway sweeping machines—Consolidated Car Fender Co., Vale, Providence, R. I.
CAMPBELL switches, bell ringing transformers—Campbell Electric Co., 17 Stewart, Lynn, Mass.
CAMPBELL wood stains, floor finish & varnishes—Carpenters-Morton Co., 77 Sudbury, Boston, Mass.
CAMP-DUCT clay conduits—H. B. Camp Co., Fulton bldg., Pittsburgh, Pa.
CAMPHENE sweeping compounds—West Disinfecting Co., 411 5th av, New York
CANADY fuel economizers—Canady Blaisdell Corp., 90 West, New York
CANAL wooden barrows—Frank R. Prescott, Meredith, N. H.
CANAN caboose stoves—Green's Car Wheel Mfg. Co., 3018 N. Broadway, St. Louis, Mo.
CANCO ash & garbage cans & fly traps—American Can Co., 120 Broadway, New York
CANCO lamp guards—Overbagh & Ayres Mfg. Co., 411 S. Clinton, Chicago, Ill.
CANDEE aerial wire, potheads & sleeves—Okonite Co., 501 5th av, New York
CANDEE hot air & hot water brooders—Candee Incubator & Brooder Co., Eastwood, N. Y.
CANDELABRA lamp adapters—Frank W. Morse, 289 Congress, Boston, Mass.
CANFIELD rubber tank balls & basin stoppers—H. O. Canfield Co., Bridgeport, Conn.
CANIA cams—Kennedy-Van Saun Mfg. & Eng. Corp., 120 B'way, New York
CANIFF grout mixers—Ransome Leach Co., 115 B'way, New York
CANNON cast iron heating stoves—Green's Car Wheel Mfg. Co., 3018 N. Broadway, St. Louis, Mo.
CANNON corn shellers—Ellis Keystone Agricultural Works, Pottstown, Pa.
CANNON stove—Fox Furnace Co., Elyria, O.
CANNON BALL door hangers—Hunt, Helm, Ferris & Co., Harvard, Ill.
CANNON CRACKER dry batteries—North Electric Co., American Trust bldg., Cleveland, Ohio
CANNON PUMP OILERS—Cannon Oiler Co., successor to R. E. Bloomer, Keithsburg, Ill.
CANOPY stoves—Buckwalter Stove Co., Royersford, Pa.
CAN'TGETOFF barn door hangers—J. E. Porter Co., Ottawa, Ill.
CANT-ROLL plumb bobs—Dikeman Mfg. Co., Norwalk, Conn.
CAN'T SAG farm gates—Rowe Mfg. Co., Galesburg, Ill.
CANTSLIP rubber mats—Cantslip Manufacturing Co., 16 Cedar, New York.
CANT SLIP spindles—I. A. Hall & Co., Paterson, N. J.
CAN'T SLIP stove pipe & elbow—Hemp & Co., Vandeventer nr. Shaw, St. Louis, Mo.
CANTON account registers—Thomas Peter Co., Canton, O.
CANTON coal chutes, portable cranes & shears—Canton Foundry & Machine Co., Canton, Ohio
CANTON fanning mills—Johnson & Field Mfg. Co., Racine, Wis.
CANTON gasoline lamps—Canton Incandescent Light Co., Canton, Ohio
CANTON SICKLE EDGE hay knives—G. A. Swineford Co., Canton, Ohio.
CANTON hay loaders—Ohio Rake Co., Dayton, Ohio
CANTON mine doors—American Mine Door Co., Canton, Ohio
CANTON plows & disc harrows—Parlin & Orendorff Co., Canton, Ill.
CANTON shaking grates & oil filters—Canton Grate Co., Canton, Ohio
CANTON stop & waste cocks—D. C. Mfg. Co., Canton, Ohio
CANWOOD canisters—Canister Co., Phillipsburg, N. J.
CAPE ANN isinglass—American Glue Co., 121 Beverly, Boston, Mass.
CAPE COD folding boat anchors—Wilcox, Crittenden & Co., Middletown, Conn.
CAPE MAY hair pinching irons—Nicol & Co., 218 N. Jefferson, Chicago, Ill.
CAPITAL bamboo brooms—Indianapolis Brush & Broom Mfg. Co., 26 Brush, Indianapolis, Ind.

CAPITOL clippers—Coates Clipper Mfg. Co., Worcester, Mass.
CAPITAL gasoline engines—Capital Gas Engine Co., Indianapolis, Ind.
CAPITAL internal grinders—Lansing Stamping & Tool Co., Lansing, Mich.
CAPITAL settees—Kramer Brothers Foundry Co., Dayton, Ohio
CAPITAL shears—D. J. Whelan (Est. of), Troy, N. Y.
CAPITAL CITY paint & wood fillers—Indianapolis Paint & Color Co., Indianapolis, Ind.
CAPITOL automobile engines—Aurora Automatic Machine Co., Aurora, Ill.
CAPITOL blotting paper—Jos. Parker & Son Co., New Haven, Conn.
CAPITOL brushes & brooms—Indianapolis Brush & Broom Mfg. Co., 26 Brush, Indianapolis, Ind.
CAPITOL ink stands—Cushman & Denison Mfg. Co., 240 W. 23rd, New York
CAPITOL lawn trimmers—Granite State Mowing Machine Co., Hinsdale, N. H.
CAPITOL lubricating oils—Standard Oil Co. of N. Y., 555 W. 25th, New York
CAPITOL marine engines—Fifield Bros. & Co., Augusta, Me.
CAPITOL packing—Acme Rubber Mfg. Co., Trenton, N. J.
CAPITOL shears—D. J. Whelan (Est. of), Troy, N. Y.
CAPITOL spark coils—National Coil Co., Lansing, Mich.
CAPITOL steam & hot water heaters, radiator trucks—U. S. Radiator Corp., Detroit, Mich.
CAPITOL vacuum cleaners—United Vacuum Appliance Co., Connersville, Ind.
CAPITOL-WINCHESTER steam & hot water heaters—U. S. Radiator Corp., Detroit, Mich.
CAPNAL car lining & weather proofing nails—Weatherproofing Nail Co., Calvert bldg, Baltimore, Md.
CAPSTAN packing—Anchor Packing Co., Lafayette bldg., Phila., Pa.
CAPTAIN bill plows—Kingman Plow Co., Peoria, Ill.
CAPTAIN brass pins—National Pin Co., Derby, Conn.
CAPTAIN barrel spray pumps—Deming Co., Salem, Ohio
CAPTAIN LAFITTE stubble diggers—Moline Plow Co., Moline, Ill.
CAPTOR plows—South Bend Chilled Plow Co., South Bend, Ind.
CAPUT padlocks—Slaymaker Lock Co., Lancaster, Pa.
CAR inspection car jacks—Lovejoy Tool Works, 319 W. Ohio, Chicago, Ill.
CARARA cement & wood fibre plaster—Southern Gypsum Co., North Holston, Va.
CAR-BEST-US car roofing—H. W. Johns-Manville Co., Madison av & 41st, New York
CARBIC calcium carbide briquettes—Carbic Corporation, Duluth, Minn.
CAR BRITE metal polish—F. T. Lord Polish Co., Cambridge, Mass.
CARBO-GRAPH boiler graphite—Hill & Griffith Co., 1248 State av, Cincinnati, Ohio
CARBO paints & waterproofing materials—Chatfield Mfg. Co., Carthage, Cincinnati, Ohio
CARBO razors—A. L. Silberstein, 600 W 157th, New York
CARBO steel posts, poles & post hole augers—Carbo Steel Post Co., Rand McNally bldg., Chicago, Ill.
CARBOLINEUM wood preservative—Carbolineum Wood Preserving Co., 41 Greene, New York
CARBOLITE calcium carbide—American Carbolite Co., Duluth, Minn.
CARBOLON emery & Corundum Mfg., Harrison Supply Co., 5 Dorchester av, Boston, Mass.
CARBON packing & rubber hose—New York Belting & Packing Co., 91 Chambers, New York
CARBONALL composition blackboards & rust proof paints—Good Products Co., 1856 Leclaire av, Chicago, Ill.
CARBONE flaming arc lamps—Felix Hamburger, 215 4th av, New York
CARBONELASTIC coating paints—Arlington Mfg. Co., Canton, Ohio
CAR-BON-GO carbon removers—Van Tilburg Oil Co., Minneapolis, Minn.
CARBONITE explosives—du Pont de Nemours & Co., E. I., Wilmington, Del.
CARBONKOTE paints—Nubian Paint & Varnish Co., 1856 Leclaire av, Chicago, Ill.
CARBONOX carbon removers—Northwestern Chemical Co., Marietta, Ohio
CARBORUNDUM knife sharpeners—Carborundum Co., Niagara Falls, N. Y.
CARBOSOLVENT carbon removers—Beckley-Rawlston Co., 1801 S. Michigan av, Chicago, Ill.
CARBOXIDE metal paints—Blocki-Brennan Refining Co., 11 N. La Salle, Chicago, Ill.
CARBULINE asbestos packing—United States Asbestos Co., Manheim, Pa.
CARBURET OF IRON stove polish—Jos. Dixon Crucible Co., Jersey City, N. J.
CARBURETERS Shakespeare—Shakespeare Co., Kalamazoo, Mich.
CARD-BOARD signs—"Up-to-Date Adv. Co., Canisteo, N. Y.
CARDINAL lawn mowers—Clarinda Lawn Mower Co., Clarinda, Ia.
CARDINAL oil cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
CARDINAL springs—Barber Mfg. Co., Anderson, Ind.
CARDINGTON garden hose reels—Cardington Cabinet Co., Cardington, Ohio
CARDWELL corn planters—Cardwell Machine Co., Richmond, Va.
CARDWELL draft gear—Cardwell Mfg. Co., McCormick bldg., Chicago, Ill.
CARDWELL draft gear—Union Draft Gear Co., McCormick bldg., Chicago, Ill.
CARDWELL ROCKER side bearings—Cardwell Mfg. Co., McCormick bldg, Chicago, Ill.
CAREW'S nippers—M. W. Robinson Co., 203 37th, Brooklyn, N. Y.
CAREY roofing, cements, roofing caps—Philip Carey Mfg. Co., 330 Wayne av, Lockland, Cincinnati, Ohio
CAREY-FOSTER bridges—Leeds & Northrup Co., Stanton av, Gtn., Phila., Pa.
CAREY PERFECT corn huskers—Sproul Matt Co., Sparta, Ill.
CARLETON maple sugar molds—G. H. Grimm, Rutland, Vt.
CARLEY'S feed grinding mills—Carley Bros., Colfax, Wash.
CARLISSI rubber packing—Manhattan Rubber Mfg. Co., Passaic, N. J.
CARLL wrenches—M. W. Robinson Co., 203 37th, Brooklyn, New York
CARLON wall plugs—Carlon Sales Co., Oskaloosa, Ia.
CARLSON chemical evaporators—International Process Co., 5 Beekman, New York
CARLSRUHE metal cleaners—James H. Rhodes & Co., 115 Fulton, New York
CARNATION carbon paper & typewriter ribbons—Miller-Bryant-Pierce Co., Aurora, Ill.
CARNATION rubber hose—Bowers Rubber Works, San Francisco, Cal.
CARNATION-CREAM metal polish—Beckley-Ralston Co., 1801 S. Michigan av, Chicago, Ill.
CAROLINA cotton plows, cultivators—S. R. White's Sons, Norfolk, Va.
CAROLINA laundry stoves—Glascock Stove & Mfg. Co., Greensboro, N. C.
CAROLINA packing—General Asbestos Rubber Co., Charleston, S. C.
CAROLINA steel ranges—Glascock Stove & Mfg. Co., Greensboro, N. C.
CAROLUS bolt clippers, nut splitters & iron bar cutters, Twin City Specialty Co., Sterling, Ill.
CARPENTER calorimeters—Schaeffer & Budenberg Mfg. Co., Berry & S. 5th, Brooklyn, N. Y.
CARPENTER self-feeder carriers—Carpenter Wing Carrier Mfg. Co., St. Paul, Minn.
CARPENTER'S fuel gas burners—Precision Instrument Co., 102 Randolph, Detroit, Mich.
CARPENTER'S screw plates—J. M. Carpenter Tap & Die Co., Pawtucket, R. I.
CARPHONES automobile telephones—American Electric Co., 641 S. State, Chicago, Ill.
CARPO tar paint—Du Pont Chemical Works, 120 Broadway, New York
CARPOLENE wood & metal preservative stain—Du Pont Chemical Wks., 120 Broadway, New York
CARR tool holders—H. G. Thompson & Son Co., New Haven, Conn.
CARRIERS' FRIEND mail boxes—Northwestern Mail Box Co., 5029 McKissock, St. Louis, Mo.
CARRIER power ensilage cutters—Silver Mfg. Co., Salem, O.
CARRY ALL coaster wagons—Sheboygan Coaster & Wagon Works, Sheboygan, Wis.
CARRY ALL hand carts—M. H. Daley, Charles City, Ia.
CARRY-US-ALL riding galleries—C. W. Parker, Leavenworth, Kans.
CARSON flushing valves—Dececo Co., 157 High, Boston, Mass.
CARSON packing—A. W. Chesterton Co., 64 India, Boston, Mass.
CARTARET cotton hose—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
CARTER cable chains—Monongahela Iron & Steel Co., Farmers' Bank bldg., Pittsburgh, Pa.

CARTER gasoline strainers—Carter Carbureter Co., 2840 N. Spring, St. Louis, Mo.
CARTER post hole diggers—National Mfg. & Steel Supply Co., 781 Summit, Newark, N. J.
CARTER staybolt iron—Carter Iron Co., Pittsburgh, Pa.
CARTER'S gravity filters—Field Force Pump Co., Elmira, N. Y.
CARTER'S hot air furnaces—Waterloo Register Co., Waterloo, Ia.
CARTON canvas stitching belting & belt dressing—Carton Belting Co., 52 Everett, Allston, Mass.
CARVER electric drills, reamers & grinders—American Electric Tool Co., West Newton, Mass.
CARVER tire air pumps—Osborne & Stephenson Mfg. Co., Plainville, Conn.
CARVER'S corn hooks—Wallingford Mfg. Co., Wallingford, Vt.
CARVER'S pruning shears—Carver Tool Works, Spring Valley, N. Y.
CARWEN dynamic balancing machinery & measuring gauges—Carlson-Wenstrom Co., Erie av & Richmond, Phila., Pa.
CARWICK detail paper—H. Reeve Angel & Co., Inc., 7 Spruce, New York
CARY hydro-carbon burners—Braun-Knecht-Heimann Co., 576 Mission, San Francisco, Cal.
CARY tempering—Cary Spring Wks., 240 W 29th, New York
CARY'S box straps, box fasteners, metal joint fasteners, soft annealed bands & flexible steel mats—Cary Mfg. Co., Nassau & Jay, Brooklyn, N. Y.
CARZACK canvas stitching belting—Carton Belting Co., 52 Everett, Allston, Mass.
CASADAY plows—South Bend Chilled Plow Co., South Bend, Ind.
CASCADE automobile oil soap—Cataract Refining & Mfg. Co., Buffalo, N. Y.
CASCADE bidets—J. L. Mott Iron Works, Trenton, N. J.
CASCADE boiler circulators—McNab Co., Bridgeport, Conn.
CASCADE clothes washing machines—Davenport Washing Machine Co., Davenport, Ia.
CASCADE STICK belt dressing—Cataract Refining & Mfg. Co., Buffalo, N. Y.
CASCADE trench pumps—Van Nouhuys Machine Wks., Albany, N. Y.
CASCADE waterproof belting—Laurence Belting Co., 111 Chambers, New York
CASCO cotton hose—Bowers Rubber Works, San Francisco, Cal.
CASCO packing—Chicago Engineer Supply Co., 68 W. Lake, Chicago, Ill.
CASE boiler compounds—Globe Boiler Compound Co., Binghampton, N. Y.
CASE furnaces & portable oil forges—Denver Fire Clay Co., Denver, Colo.
CASE plows, harrows, cultivators, planters, listers, etc.—J. I. Case Plow Works, Racine Wis.
CASE threshers, cultivators, graders, traction engines—J. I. Case Threshing Machine Co., Racine, Wis.
CASE-HARDO compounds—Bell & Gossett, 609 W 30th, Chicago, Ill.
CASE-HARDO compounds—C. G. Buchanan Chemical Co., 118 E Pearl, Cincinnati, Ohio
CASEY railway & tubular lanterns—Keystone Lantern Co., Tacony & Cottman, Philadelphia, Pa.
CASGRAIN pile caps—Vulcan Iron Works, 327 No. Irving av, Chicago, Ill.
CASITE cupels—Denver Fire Clay Co., Denver, Colo.
CASKEY pnuematic riveters, presses, punches—F. F. Slocomb & Co., 14th & Poplar, Wilmington, Del.
CASLER boring heads—Marvin & Casler Co., Canastota, N. Y.
CASSADAY screw drivers—Cassaday Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
CASSAPOLIS grain drills—Dowagiac Drill Co., Dowagiac, Mich.
CASSEUS IDEAL eave troughs—Casseus Mfg. Co., Edwardsville, Ill.
CASTELL lead pencils—A. W. Faber, 41 Dickerson, Newark, N. J.
CASTLE post caps & bases—A. M. Castle & Co., 1300 N. Branch, Chicago, Ill.
CASTLE water sterilizers—Wilmot Castle Co., Rochester, N. Y.
CASTORINE axle oil—Baum's Castorine Co., Rome, N. Y.
CASTOROL belt dressing—A. W. Chesterton Co., 64 India, Boston, Mass.
CATCHPOLE heaters—Catchpole Boiler, Foundry & Machine Co., Geneva, N. Y.
CATLIN key-seating machines—Wheland Co., Chattanooga, Tenn.
CAT'S PAW rubber heels—Foster Rubber Co., 105 Federal, Boston, Mass.

CATTARAUGUS creamery churns—Oakes & Burger Co., Cattaraugus, N. Y.
CATTARAUGUS knives, shears & scissors, razor strops & painters' scrapers—Cattaraugus Cutlery Co., Little Valley, N. Y.
CAYAUGA cement—Cayauga Cement Corp., Ithaca, N. Y.
CAYUGA mica plugs—Auburn Ignition Mfg. Co., Auburn, N. Y.
CEDAR hollow lime—Chas. Warner Co., Wilmington, Del.
CEDAR-FLUFF sweeping compounds—Standard Chemical Co., Houston, Tex.
CEDARINE furniture polish—Channell Chemical Co,. 1419 Carroll av, Chicago, Ill.
CEDAR-SWEEP compounds—Cedar-Sweep Co., Los Angeles, Cal.
CEDAR-WAXINE sweeping compounds—Standard Chemical Co., Houston, Tex.
CEDO-CIDE insecticides—Standard Chemical Co., Houston, Texas.
CEDRO oil furniture polish—Standard Chemical Co., Houston, Tex.
CEE TEE CO. gas pliers—Crescent Tool Co., 200 Harrison, Jamestown, N. Y.
CEIL board—Philip Carey Mfg. Co., 338 Wayne av, Lockland, Cincinnati, Ohio
CELERITAS filter paper—A. Daigger & Co., 54 W. Kinzie, Chicago, Ill.
CELFOR drills, drill chucks, drill sockets & countersinks—Clark Equipment Co., Buchanan, Mich.
CELLO marine hardware, army canteens, hot water bottles—A. S. Campbell Co., 276 Commercial, Boston, Mass.
CELLO vanadium steel—McInnes Steel Co. (Ltd.), Corry, Pa.
CELLO white closet seats—Findeisen & Kropf Mfg. Co., 2559 W 21st, Chicago, Ill.
CELLUVARNO bath room fixtures & furnishings—Sillocks-Miller Co., South Orange, N. J.
CELOX wood & metal primers—Valentine & Co., 456 4th av, New York
CEMBRIC-COVERING COMPOUND, waterproof & decorative—Ceresit Waterproofing Co., 110 S Dearborn, Chicago, Ill.
CEMCO water closets—Central Metal & Supply Co., 611 E. Lombard, Baltimore, Md.
CEMCOAT waterproofing materials—L. Sonneborn Sons, 262 Pearl, New York
CEMENITE, cold water paint for damp surfaces—M. Ewing Fox Co., 241 E 136th, New York
CEMELINE waterproofing materials & brick paints—Richmond Bros., 616 Main, Chincinnati, Ohio
CEMENTCO brick paints—Wm Waterall & Co., Camden, N. J.
CEMENTHIDE waterproofing materials—Patton Paint Co., Milwaukee, Wis.
CEMENTKOTE brick paints—Tropical Paint & Oil Co., W 70th, Cleveland, Ohio
CENCO beam clamps, pipe clamps & pipe hangers—C. Erwin Norman & Co., 18 W. Kinzie, Chicago, Ill.
CENTAUR cutlery, razors, shears & scissors & can openers—Sperry & Alexander Co., 79 Chambers, New York
CENTENNIAL bit braces—W. A. Ives Mfg. Co., Wallingford, Conn.
CENTENNIAL corn planters—S. R. White's Sons, Norfolk, Va.
CENTENNIAL fanning mills—S. Freeman & Sons Mfg. Co., Dept. O, Racine, Wis.
CENTENNIAL laundry stoves—D. R. Sperry & Co., Batavia, Ill.
CENTENNIAL rain water cut-offs—Sullivan-Geiger Co., Indianapolis, Ind.
CENTERFIRE spark plugs—Milwaukee Auto Specialty Co., 711 Chestnut, Milwaukee, Wis.
CENTEX lenses—Bausch & Lomb Optical Co., Rochester, N. Y.
CENTRAL ash & garbage cans, ash sieves, coal hods, watering pots—Central Stamping Co., 172 Fulton, New York
CENTRAL bath fittings & boiler couplings—Central Brass Mfg. Co., 6206 Cedar, Cleveland, Ohio
CENTRAL hose nozzles—Central Brass & Stamping Co., Peoria, Ill.
CENTRAL interior conduits—Central Tube Co., Pittsburgh, Pa.
CENTRAL oil stoves & heaters—Central Oil & Gas Stove Co., Gardner, Mass.
CENTURY asbestos lumber smoke jacks—Asbestos, Shingle, Slate & Sheathing Co., Ambler, Pa.
CENTURY barn door hangers—Lawrence Bros., Sterling, Ill.
CENTURY bean snippers—Gowanda Agricultural Works, Gowanda, N. Y.

CENTURY bit brace drilling machines & washer cutters—Jas. McCrea & Co., 562 W. Washington, Chicago, Ill.
CENTURY bit braces—W. A. Ives Mfg. Co., Wallingford, Conn.
CENTURY carriage top dressing—Eugene Arnstein, 45 W. 26th, Chicago, Ill.
CENTURY cattle guards—Century Materials Co., Monadnock blk, Chicago, Ill.
CENTURY cushion springs—D'Arcy Spring Co., Kalamazoo, Mich.
CENTURY deadening felts—United Roofing & Mfg. Co., Morris bldg., Phila., Pa.
CENTURY fans & motors—Century Electric Co., 19th & Pine, St. Louis, Mo.
CENTURY field tester instruments—Century Electrical Co., Syracuse, N. Y.
CENTURY gas stoves, hot air furnaces & water heaters—Century Stove & Mfg. Co., Johnstown, Pa.
CENTURY insulating tape—American Electrical Works, Philipsdale, R. I.
CENTURY oak flooring—M. B. Farrin Lumber Co., Station av & Winton pl, Cincinnati, Ohio
CENTURY packing & gaskets—Pennsylvania Rubber Co., Jeannette, Pa.
CENTURY rubber belting & rubber belt conveyors—Jeffrey Mfg. Co., Columbus, Ohio
CENTURY side mills—Wrightsville Hardware Co., Wrightsville, Pa.
CENTURY sink strainers—Roseland Can & Specialty Co., Rockford, Ill.
CENTURY spray pumps—Deming Co., Salem, O.
CENTURY barrel spray & whiteweship outfit—Deming Co., Salem, O.
CENTURY steam & hot water heaters—Kewanee Boiler Co., Kewanee, Ill.
CENTURY tires—Century Plainfield Tire Co., North av, Plainfield, N. J.
CENTURY waterproofing materials—Century Mfg. Co., 272 W. Genesee, Buffalo, N. Y.
CENTURY wood paving blocks—Pittsburgh Wood Preserving Co., Century bldg, Pittsburgh, Pa.
CEO sheet packing—G. W. Knowlton Rubber Co., 60 Pearl, Boston, Mass
CERESIT waterproofing materials—Ceresit Waterproofing Co., 110 S. Dearborn, Chicago, Ill.
CERTAIN-TEED rubber shingles—General Roofing Mfg. Co., Boatman's Bank bldg., E. St. Louis, Mo.
CESTA kerosene lamp burners—Edw. Miller & Co., Meriden, Conn.
CE-VE railway varnishes—Chicago Varnish Co., 2100 Elston av, Chicago, Ill.
CEYLON foundry facings, plumbago—T. P. Kelly & Co., 355 W. 26th, New York
CHACE oilers—Hero Mfg. Co., Gaul & Adams, Phila., Pa.
CHACE oilers, oiling sets & can screws—Consolidated Fruit Jar Co., New Brunswick, N. J.
CHADBOURNE valve & service boxes—Builders Iron Foundry, 9 Codding, Providence, R. I.
CHADWICK engines—Chadwick Engineering Works, Pottstown, Pa.
CHAFFEE fish lines—Chaffee Mfg. Co., Willimantic, Conn.
CHAIN BELT concrete mixers—Chain Belt Co., Milwaukee, Wis.
CHALLENGE boiler compounds—A. W. Chesterton Co., 64 India, Boston, Mass.
CHALLENGE canvas wheels—Foot Mfg. Co., 36 Germania av, Jersey City, N. J
CHALLENGE carving lathes—Valley City Machine Works, Grand Rapids, Mich.
CHALLENGE churns—Mason Mfg. Co., Canton, Ohio
CHALLENGE clothes washing machines—Blackstone Mfg. Co., Jamestown, N. Y.
CHALLENGE collars & cuffs—The Arlington Wks. (E. I. du Pont de Nemours & Co.), 21 E. 40th, New York
CHALLENGE cultivators—Ohio Cultivator Co., Bellevue, Ohio
CHALLENGE emery wheel dressers—Builders' Iron Foundry, 9 Codding, Providence, R. I.
CHALLENGE gas engines, grinding mills, pumping jacks—Challenge Co., Batavia, Ill.
CHALLENGE hot air furnaces—Barber Mfg. Co., Ashtabula, Ohio
CHALLENGE hydro-carbon burners—Calkins Co., Los Angeles, Cal.
CHALLENGE ICEBERG refrigerators—Challenge Refrigerator Co., Grand Haven, Mich.
CHALLENGE lubricators—American Lubricator Co., Detroit, Mich.
CHALLENGE ore feeders—Kennery Van Saun Mfg. & Eng. Corp., 120 B'way, New York
CHALLENGE ore feeders—Worthington Pump & Machy. Corp., 115 Broadway, New York
CHALLENGE screw drivers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
CHALLENGE shoe blacking & polishes—Jas. S. Mason Co., 136 N. Front, Phila., Pa.
CHALLENGE steam cookers—Western Tin & Japan Mfg. Co., 1013 Walnut, Cincinnati, Ohio
CHALLENGE steel tape—Lufkin Rule Co., Saginaw, Mich.
CHALLENGE sweep horse powers—Challenge Co., Batavia, Ill.
CHALLENGE tank heaters & windmills—Challenge Co., Batavia, Ill.
CHALLENGE window screens—Union Screen Co., 306 Carpenter, Providence, R. I.
CHALLENGE-GORDON printing presses—Challenge Machinery Co., Grand Haven, Mich.
CHAMBERLAIN pumping jacks—Chamberlain Machine Works, Waterloo, Ia.
CHAMBERLIN whip socket fasteners—Searls Mfg. Co., 29 Mulberry, Newark, N. J.
CHAMBERS bolt cutting machines—Chambers Bros. Co., 52nd below Lancaster av, Philadelphia, Pa.
CHAMBERS steam engines—Liddell Co., Charlotte, N. C.
CHAMPION adze—Am. Axe & Tool Co., Glassport, Pa.
CHAMPION barrel covers—M. H. Parks & Co., Winchendon, Mass.
CHAMPION barrel heaters—Hynson Tool & Supply Co., 4758 Easton av, St. Louis, Mo.
CHAMPION barrel heaters—John S. Oram Co., Cleveland, Ohio
CHAMPION barrel leveling machines—T. Johnson Co., 108 S. La Salle, Chicago, Ill.
CHAMPION bee smokers—Kretchmer Mfg. Co., Council Bluffs, Ia.
CHAMPION belt dressing—Alonzo K. Lynch, 310 Flushing av, Brooklyn, N. Y.
CHAMPION bench sanders—Valley City Machine Works, Grand Rapids, Mich.
CHAMPION blacksmiths' tools—Champion Blower & Forge Co., Lancaster, Pa.
CHAMPION blind hinges—Wrightsville Hardware Co., Wrightsville, Pa.
CHAMPION gasoline blow torches—Turner Brass Works, Sycamore, Ill.
CHAMPION blue printing machines—Keuffel & Esser Co., Hoboken, N. J.
CHAMPION boiler injectors—Jas. A. Griffiths, 1317 Buttonwood, Phila., Pa.
CHAMPION fly traps—Reynolds Wire Co., Dixon, Ill.
CHAMPION brick mould sanding machines—Chas. Waldron, Haverstraw, N. Y.
CHAMPION broad axes—American Axe & Tool Co., Glassport, Pa.
CHAMPION bush hooks—Dunn Edge Tool Co., Oakland, Me.
CHAMPION canvas belting—Empire Tire & Rubber Corp., East Trenton, N. J.
CHAMPION canvas wheels—E. Reed Burns, 27 Jackson, Brooklyn, N. Y.
CHAMPION car loaders—H. W. Caldwell & Son Co., 17th & Western av, Chicago, Ill.
CHAMPION carbonators & water lifts—Bishop-Babcock-Becker Co., Cleveland, O.
CHAMPION cattle stanchions—Bryan Mfg. Co., P. O. Box D., Bryan, Ohio
CHAMPION chemical fire engines—James Boyd & Bro., 25th & Wharton, Phila., Pa.
CHAMPION corn planting drills—Moline Plow Co., Moline, Ill.
CHAMPION cranes—S. G. Milton & Son, Franklin, Pa.
CHAMPION cream separators—Blanke Mfg. & Supply Co., 3rd & Wash. av, St. Louis, Mo.
CHAMPION cultivators—Towers & Sullivan Mfg. Co., Rome, Ga.
CHAMPION door bumpers, holders, hinges, sash locks, filters, steel wrenches—Champion Hardware Co., Geneva, Ohio
CHAMPION door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
CHAMPION door openers—Standard Lock Co., 113 Himrod, Brooklyn, N. Y.
CHAMPION dough dividing machines—Champion Machinery Co., Joliet, Ill.
CHAMPION drain cleaners—Iwan Bros., South Bend, Ind.
CHAMPION drilling machines—Smurr & Kamen Machine Co., 313 N. Whipple, Chicago, Ill.
CHAMPION duplicators—Beck Duplicator Co., 491 Broadway, New York
CHAMPION egg openers—Taplin Mfg. Co., New Britain, Conn.
CHAMPION electric air pumps & water lifts—Cleveland Faucet Co., Cleveland, Ohio
CHAMPION electric lamps—Consolidated Electric Lamp Co., Danvers, Mass.

CHAMPION exhaust heads—Chicago Engineer Supply Co., 68 W. Lake, Chicago, Ill.
CHAMPION fanning mills—J. L. Owens Co., Fulton & S. E. Huron, Minneapolis, Minn.
CHAMPION farm gates—Mason Fence Co., Lessburg, Ohio
CHAMPION fence pliers—L. A. Sayre & Son, 332 Mulberry, Newark, N. J.
CHAMPION fire extinguishers—S. F. Hayward & Co., 250 W. 54th, New York
CHAMPION fishing rods—Van Doren Mfg. Co., Chicago Heights, Ill.
CHAMPION floor grinders—Safety Emery Wheel Co., Springfield, Ohio
CHAMPION fly traps—Fred. J. Meyers Mfg. Co., Hamilton, Ohio
CHAMPION garden rakes—Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y.
CHAMPION glass cutters—Fletcher, Terry Co., Forestville, Conn.
CHAMPION grain drills—Champion Drill Co., Avon, N. Y.
CHAMPION hand hoists, cranes—S. G. Milton & Son, Franklin, Pa.
CHAMPIONS hay carriers—J. E. Porter Co., Ottawa, Ill.
CHAMPION hedge knives—Henry Disston & Sons. Tacony, Phila., Pa.
CHAMPION high speed steel—Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
CHAMPION horse back bands—Couch Bros. Mfg. Co., Atlanta, Ga.
CHAMPION ice breakers—Allman Gas Engine & Machine Co., 461 Canal, New York
CHAMPION ice breakers—Dilg Mfg. & Trading Co., 401 E. 163rd, New York
CHAMPION ice cream machines—Allman Gas Engine & Machine Co., 461 Canal, New York
CHAMPION incubators & brooders—J. A. Bennett & Son, Gouverneur, N. Y.
CHAMPION insecticide dusters—Leggett & Bro., 301 Pearl, New York
CHAMPION insulating cloth, insulating tape & paints—Chicago Mica Co., Valparaiso, Ind.
CHAMPION kerosene lamp burners—Wheeling Stamping Co., Wheeling, W. Va.
CHAMPION land & field rollers—Thornbaugh Mfg. Co., Bowling Green, Ohio
CHAMPION lathe & saw—Millers Falls Co., 28 Warren, New York
CHAMPION lawn spray sprinklers—Thos. Cadwallader, Salem, Ohio
CHAMPION leather washers—Providence Belting Co., 7 Beverly, Providence, R. I.
CHAMPION leg bands—Thos. Cadwallader, Salem, Ohio
CHAMPION lock mortising machines—J. Leukart Co., 44 E. Columbus, Columbus, Ohio
CHAMPION logging tools—American Logging Tool Co., Evart, Mich.
CHAMPION lubricating oils & greases—Indian Refining Co., 244 Madison av, New York
CHAMPION maple sugar evaporators—Champion Evaporator Co., Hudson, Ohio
CHAMPION maple sugar evaporators—G. H. Grimm, Rutland, Vt.
CHAMPION metallic weather strips—Champion Metal Weather Strips & Parting Bead Co., 12 Columbia, Boston, Mass.
CHAMPION mop wringers & sprocket wrenches—Ayes & Co., 1812 Ellen, Chicago, Ill.
CHAMPION mops—Hamblin & Russell, Worcester, Mass.
CHAMPION mowers, reapers, grain binders, hay tedders, sickel grinders, binder twine—International Harvester Company of America, Inc., Harvester bldg, Chicago, Ill.
CHAMPION night latches—Miller Lock Co., 4523 Tacony, Phila., Pa.
CHAMPION oil cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio.
CHAMPION paints & roofing cements—John Briggs & Co., 45 Purchase, Boston, Mass.
CHAMPION pipe wrenches—Greene, Tweed & Co., 109 Duane, New York
CHAMPION plow mfrs.—Billups, C., Son & Co., Norfolk, Va.
CHAMPION post drills—Wantling Favorite Coal Drill Co., Peoria, Ill.
CHAMPION post hole diggers—F. E. Kohler Co., Canton, Ohio.
CHAMPION post hole diggers—Ohio Cultivator Co., Bellevue, Ohio
CHAMPION post hole diggers—Seymour Mfg. Co., Seymour, Ind.
CHAMPION potato diggers—Messinger Mfg. Co., Tatamy, Pa.
CHAMPION potato sprayers—Leggett & Bro., 301 Pearl, New York
CHAMPION power hammers & forging machines—Beaudry & Co., 141 Milk, Boston, Mass.
CHAMPION punches & shears—Sears Bros., Onslow, Ia.
CHAMPION ratchet wrenches—Syracuse Wrench Co., 325 W. Fayette, Syracuse, N. Y.
CHAMPION rock crushers, belt conveyors, revolving screens—American Road Machinery Co., Kennett Square, Pa.
CHAMPION root cutters—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
CHAMPION rubber bottles—Tyer Rubber Co., Andover, Mass.
CHAMPION sand & gravel heaters & dryers—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
CHAMPION saw gauges—Kilborn & Bishop Co., New Haven, Conn.
CHAMPION saw guards—Champion Machinery Co., Joliet, Ill.
CHAMPION saw handles—Potter Mfg. Co., Geneva, Ohio
CHAMPION saw sets—Hy. Disston & Sons, Tacony, Phila., Pa.
CHAMPION saw swages—A. E. White Machine Wks., Eau Claire, Wis.
CHAMPION scales & nail pullers—Pelouze Mfg. Co., 232 E. Ohio, Chicago, Ill.
CHAMPION screw drivers—Union Hardware Co., Torrington, Conn.
CHAMPION self feeding drills—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
CHAMPION sheet packing—Boston Belting Corp., 84 Linden Park, Boston, Mass.
CHAMPION spark plugs—Champion Spark Plug Co., Toledo, Ohio
CHAMPION spring hinges—Coleman Hardware Co., 220 S. Michigan av, Chicago, Ill.
CHAMPION stalk cutters—Kingman Plow Co., Peoria, Ill.
CHAMPION steam traps—Kieley & Mueller, 34 W. 13th, New York
CHAMPION steam & hot water heaters—Thatcher Furnace Co., 135 W. 35th, New York
CHAMPION stone crushing plants—Good Roads Machinery Co., Kennett Square, Pa.
CHAMPION storage batteries—Hector C. MacRae, 316 St. Paul, Baltimore, Md.
CHAMPION stove linings—Rutland Fire Clay Co., Rutland, Vt.
CHAMPION stoves—Champion Stove Co., 4001 W. 25th, Cleveland, Ohio
CHAMPION swatters—Merrifield Co., Springvale, Me.
CHAMPION tailors' pressing machines—Edw. J. Geyer Rochester, N. Y.
CHAMPION tools, tool holders, tool & vise stands, molders' benches, expanding mandrels, hack saw machines—Western Tool & Mfg. Co., Springfield, Ohio
CHAMPION traction engines, hay presses—Famous Mfg. Co., East Chicago, Ind.
CHAMPION truss hoops—Wabash Truss Hoop Co., Mt. Carmel, Ill.
CHAMPION vises—Bonney Vise & Tool Works, Allentown, Pa.
CHAMPION wagon jacks—Torrey Bros. Co., Central Village, Conn.
CHAMPION windmill regulators—Hunt, Helm, Ferris & Co., Harvard, Ill.
CHAMPION wood mortising machines—Colgan Machinery & Supply Co., Columbus, Ohio
CHAMPION wood sawing machines—Weaver & Co., New Oxford, Pa.
CHAMPION woven wire fences—Mason Fence Co., Leesburg, Ohio
CHAMPION LOCK stove pipe & elbows—Jackes-Evans Mfg. Co., Main & Tyler, St. Louis, Mo.
CHAMPION handle switches—Frank W. Morse, 289 Congress, Boston, Mass.
CHANARCH car flooring—Dunbar Mfg. Co., 325 N. Leamington av, Chicago, Ill.
CHANDLER bench vises — Barbour Stockwell Co., Cambridge, Mass.
CHANDLER'S ice cutting machines—C. E. Jennings & Co., 71 Murray, New York
CHANELATH expanded metal lath—Northwestern Expanded Metal Co., Old Colony bldg., Chicago, Ill.
CHANNEL barn door hangers—S. B. Martin, Dalton, Ohio
CHANNEL split switches—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.
CHANNELENE grease—Monarch Mfg. Co., Ironville, Toledo, Ohio
CHANNON centrifugal pumps—H. Channon Co., 150 N. Market, Chicago, Ill.

CHANTICLEER pumping jacks—Jacob Haish Co., De Kalb, Ill.
CHANTRELL locks & latches—Chantrell Hardware & Tool Co., Reading, Pa.
CHANUTE cement—Chanute Cement Co., Chanute, Kans.
CHAPIN cream dippers—Louis A. Boettiger Co., Leonard, New York
CHAPIN electric lamp hoods—National Metal Stamping & Mfg. Co., 494 Mulberry, Newark, N. J.
CHAPMAN type bearing for power transmission purpose, ball shaft hanger bearings—Transmission Ball Bearing Co., 1056 Military rd, Buffalo, N. Y.
CHAPMAN electric neutralizers—Chapman Electric Neutralizer Co., Portland, Me.
CHAPMAN electric railway signals—Chas. N. Wood Co., 14 Federal, Boston, Mass.
CHAPMAN flush plugs—Bryant Electric Co., Bridgeport, Conn.
CHAPMAN gas engines & sickle grinders—H. L. Chapman, Marcellus, Mich.
CHAPMAN gas producers—Chapman Engineering Co., Mt. Vernon, Ohio
CHAPMAN jacks—Chapman Jack Co., 45th & Lakeside av, Cleveland, Ohio
CHAPMAN lightning arresters—Minnesota Electric Co., 309 2nd av S., Minneapolis, Minn.
CHAPMAN process electric neutralizer—Portland Co., Portland, Me.
CHAPMAN sleigh runner attachments—A. E. Cartier Sons Co., Ludington, Mich.
CHAPMAN steam traps—Watson & McDaniel Co., 146 N. 7th, Phila., Pa.
CHAPMAN valves & indicator posts—Chapman Valve Mfg. Co., Indian Orchard, Mass.
CHAPPEL time switches—Cleveland Dental Supply Co., Cleveland, Ohio
CHARIOT steam hose—Republic Rubber Co., Youngstown, Ohio
CHARLESTON sheet packing—General Asbestos Rubber Co., Charleston, S. C.
CHARLTON velvet lamp black—Bihn & Wolff Co., Bridesburg, Phila., Pa.
CHARMER lawn mowers—Chadborn & Coldwell Mfg. Co., Newburgh, N. Y.
CHARMER steam heaters—Freed Heater Co., Collegeville, Pa.
CHARTER gasoline hoists & portable engines on wheels—Charter Gas Engine Co., Sterling, Ill.
CHARTER OAK belt dressing—N. Palmer & Co., Bridgeport, Conn.
CHARTER OAK belting—N. Palmer & Co., Bridgeport, Conn.
CHARTER OAK farm wagons—Joel Turney & Co., Fairfield, Ia.
CHARTER OAK horse brushes—Standard Brush Co., New Hartford, Conn.
CHARTER OAK safety fuse—du Pont de Nemours & Co., E. I., Wilmington, Del.
CHAS. A. BAUER'S hardness testing machines—W. J. Keep, Detroit, Mich.
CHAS. WILDER CO., thermometers & theodolites—Wilder-Pike Thermometer Co., Troy, N. Y.
CHASE belt fasteners—Strong Machy. & Supply Co., 21 Walker, New York
CHASE elevating trucks—Chase Foundry & Mfg. Co., Columbus, Ohio
CHASE leather wall coverings—L. C. Chase & Co., 89 Franklin, Boston, Mass.
CHASE nipple couplings—Condit Electrical Mfg. Co., 1st & L, Boston, Mass.
CHASE tower wagons—Chase Motor Truck Co., Syracuse, N. Y.
CHASE'S grooving machines, thumbhole cutting machines—Chase Turbine Mfg. Co., Orange, Mass.
CHASECO electric illuminated signs—Chase Electric Co., 105 S. Dearborn, Chicago, Ill.
CHASE ECONOMY road graders—Chase Foundry & Mfg. Co., 2700 Parsons av, Columbus, Ohio
CHASSE mouse traps—Shann Mfg. Co., Middletown, N. Y.
CHATHAM incubators & brooders & grain graders—Manson-Campbell Co., Campbell & Leavitt, Detroit, Mich.
CHATILLON butchers' saws—Jno. Chatillon & Sons, 85 Cliff, New York
CHATTANOOGA disc harrows—Ohio Rake Co., Dayton, Ohio
CHATTANOOGA pig iron—Gulf States Steel Co., Birmingham, Ala.
CHATTANOOGA plows, evaporators & potato diggers—Chattanooga Plow Co., Chattanooga, Tenn.
CHATTANOOGA wagons—Chattanooga Wagon Co., Chattanooga, Tenn.
CHATTERTON insulating compounds—McGill Mfg. Co., 77 Oak, Valparaiso, Ind.
CHAUMONT white lime—Adams & Duford Co., Chaumont, N. Y.
CHAUTAUQUA bread mixers—Wm. Vogel & Bros., 37 S. 9th, Brooklyn, N. Y.
CHAUTAUQUA eaves-trough hangers—F. E. Albro, Mayville, N. Y.
CHEBECO Balata belting—Chesapeake Belting Co., 823 McKim, Baltimore, Md.
CHECKLOCK grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
CHEERFUL HOME hot air furnaces—Hood Furnace & Supply Co., Corning, N. Y.
CHEERFUL SUNSHINE steel ranges—Reading Stove Works, Reading, Pa.
CHEF potato mashers—Quadriga Mfg. & Specialty Co., 213 W. Grand av, Chicago, Ill.
CHELSEA fire place heaters—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
CHELSEA inkstands & wells—Cushman & Denison Mfg. Co., 240 W. 23rd, New York
CHELTON shallow push switches—Chelton Electric Co., Gtn., Phila., Pa.
CHEMCO acid concentrators—Chemical Construction Co., Charlotte, N. C.
CHENEY anvil & vise—Fulton Iron Works, Detroit, Mich.
CHENEY nail hammers—Henry Cheney Hammer Co., Little Falls, N. Y.
CHEROKEE cement & wood fibre plaster—Southern Gypsum Co., North Holston, Va.
CHEROKEE marble—Georgia Marble Co., Tate, Ga.
CHERRY VALLEY blast furnaces—United Iron & Steel Co., Cleveland, Ohio
CHESHIRE lime—Palmer Lime & Cement Co., 103 Park av, New York
CHESTERMAN measuring tapes—Wiebusch & Hilger, 106 Lafayette, New York
CHESTERTON packing & gauge glass cutters—A. W. Chesterton Co., 64 India, Boston, Mass.
CHEYENNE goggles & eye protectors—Chicago Eye Shield Co., 2300 Warren av, Chicago, Ill.
CHIC condensation pumps—Chicago Pump Co., 906 W. Lake, Chicago, Ill.
CHIC shoe blacking & polishes—Whittemore Bros. Corp., Cambridge, Mass.
CHICAGO belt fasteners & automobile jacks—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.
CHICAGO boiler flue & tube cleaners—Liberty Mfg. Co., Pittsburgh, Pa.
CHICAGO boiler flue & tube cleaners—Seehausen, Wehrs & Co., 173 N. Franklin, Chicago, Ill.
CHICAGO car couplers—National Malleable Castings Co., 7706 Platt av, S. E., Cleveland, Ohio
CHICAGO car derailers, crossing & block signals—Railroad Supply Co., 203 S. Dearborn, Chicago, Ill.
CHICAGO carbon removers—Chicago Automobile Supply House, 1351 S. Michigan av, Chicago, Ill.
CHICAGO centrifugal pump—Plant Engineering & Equipment Co., Inc., 6 Church, New York
CHICAGO cigar lighters—Mahoney Bros., 140 W. Van Buren, Chicago, Ill.
CHICAGO coffee roasters—Dunbar & Co., 2652 W. Lake, Chicago, Ill.
CHICAGO concrete mixers—Chicago Concrete Machinery Co., Majestic bldg., Milwaukee, Wis.
CHICAGO cornice brakes—Dreis & Krump Mfg. Co., 2911 S. Halsted, Chicago, Ill.
CHICAGO cotton rope—Anniston Cordage Co., Anniston, Ala.
CHICAGO door springs & fire station latches—Chicago Spring Butt Co., 340 Union Park ct, Chicago, Ill.
CHICAGO dusters—Chicago Feather Duster Co., 816 Fulton, Chicago, Ill.
CHICAGO emery, corundum & leather buffing wheels—Chicago Wheel & Mfg. Co., 1101 W. Monroe, Chicago, Ill.
CHICAGO engine centering jacks—McMaster Carr Supply Co., 174 N. Market, Chicago, Ill.
CHICAGO fire extinguishers & pumps—Chicago Fire Apparatus Co., 208 N. 5th av, Chicago, Ill.
CHICAGO gate latches—Duffy Mfg. Co., 214 W. Grand av, Chicago, Ill.
CHICAGO glass desk pad—Chicago Mirror & Art Glass Co., 216 N. Clinton, Chicago, Ill.
CHICAGO goggles, eye protectors, respirators—Chicago Eye Shield Co., 2300 Warren av, Chicago, Ill.
CHICAGO GRIP comealongs—Mathis Klein & Sons, 562 W. Van Buren, Chicago, Ill.
CHICAGO heat regulators—Chicago Heat Regulator Co., 1801 Diversey Parkway, Chicago, Ill.
CHICAGO heat regulators & pipe hangers—Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
CHICAGO hot air clothes dryers—Domestic Laundry Equipment Corp., 1365 Lexington av, New York

CHICAGO injectors, lubricators & oil & grease cups—Ohio Injector Co., Wadsworth, Ohio
CHICAGO laundry lawn clothes dryers—Chicago Dryer Co., 630 S. Wabash, Chicago, Ill.
CHICAGO note book holders—Galesburg Writing Machine Co., Galesburg, Ill.
CHICAGO perforating machines—B. F. Cummins Co., 4740 W Ravenswood Park av, Chicago, Ill.
CHICAGO pneumatic sand rammers—Chicago Pneumatic Tool Co., Fisher bldg, Chicago, Ill.
CHICAGO roll paper cutters—N. R. Streeter & Co., Rochester, N. Y.
CHICAGO rubber hose—Empire Tire & Rubber Corp., East Trenton, N. J.
CHICAGO scales—Mason, Davis & Co., 7740 S. Chicago av, Chicago, Ill.
CHICAGO seeders & sowers—Cyclone Seeder Co., Urbana, Ind.
CHICAGO time recorders—International Time Recording Co. of N. Y., Endicott, N. Y.
CHICAGO traveling link grates—Weir & Craig Mfg. Co., 2421 Wallace, Chicago, Ill.
CHICAGO typewriters—Galesburg Writing Machine Co., Galesburg Ill.
CHICAGO universal pneumatic hose couplings—Chicago Pneumatic Tool Co., Fisher bldg., Chicago, Ill.
CHICAGO valves—Stephens Roe Mfg. Co., Detroit, Mich.
CHICAGO wire rope clips—Chicago Wire Rope Preserver Co., 315 S. La Salle, Chicago, Ill.
CHICAGO wire rope sockets—Chicago Steel Foundry Co., 3701 S. Kedzie av, Chicago. Ill.
CHICAGO AA cement—Chicago Portland Cement Co., 30 N. La Salle, Chicago, Ill.
CHICAGO PNEUMATIC compressors — Chicago Pneumatic Tool Co., Fisher bldg, Chicago. Ill.
CHICK can openers—Andrews Wire & Iron Works, Rockford, Ill.
CHICKASAW oak flooring—Memphis Hardwood Flooring Co., Memphis, Tenn.
CHICKEN clover cutters & feed cutters—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
CHICORA flax packing—General Asbestos Rubber Co., Charleston, S. C.
CHICOT hammer handles—American Handle Co., Jonesboro, Ark.
CHIEF barn cupolas & metal bldg corners—Shrauger & Johnson, Atlantic, Ia.
CHIEF grass catchers—F. & N. Lawn Mower Co., Richmond, Ind.
CHIEF maple flooring—Kerry & Hanson Flooring Co., Grayling, Mich.
CHIEF stump pullers—C. D. Edwards, Albert Lea, Minn.
CHIEF tractors—Chief Tractor Mfg. Co., Ecorse, Detroit, Mich.
CHIEF wall plaster—Romen Nose Gyp. Co., Bickford, Okla.
CHIEFTAIN belting—Smyth-Despard Co., Utica, N. Y.
CHIEFTAIN metallic shingles—Berger Mfg. Co., Canton, Ohio
CHI-FAU-CO. cocks & bibbs, faucets & drinking fountains—Chicago Faucet Co., 315 S. Clinton. Chicago, Ill
CHILDS COMFORT closet seats—Schwab Bros. Co., 811 E. 9th, New York
CHILD'S fire extinguisher & hose clamps—O. J. Childs Co., Utica, N. Y.
CHILLINGWORTH gear cases—Thayer & Co., 111 Broadway, New York
CHILLY KING milk coolers—Chas. Skidd Mfg. Co., Kenosha, Wis.
CHILSON stoves—Chilson Furnace Co., Mansfield, Mass.
CHINA LAC floor finish—Patterson-Sargent Co., Cleveland, Ohio
CHINALINE enamels—U. S. Gutta Percha Paint Co., 12-30 Dudley, Providence, R. I.
CHINA MAKER crayons—Standard Crayon Mfg. Co., Danvers, Mass.
CHI-NAMEL cement floor coatings & varnish—Ohio Varnish Co., 8604 Kinsman, Cleveland, Ohio
CHINA INDEX HANDLE basin cocks—McRae & Roberts Co., 227 Campbell av, Detroit, Mich.
CHINESE paint brushes—Rennous, Kleinle & Co., 3221 Frederick av, Baltimore, Md.
CHIPPENDALE QUALITY table glassware—Jefferson Glass Co., Follansbee, W. Va.
CHIRRY miners' safety lamps—Hero Mfg. Co., Gaul & Adams, Phila., Pa.
CHI-VAR-CO auto varnishes—Chicago Varnish Co., 2100 Elston av, Chicago, Ill.
CHLORIDE storage batteries—Electric Storage Battery Co., 19th & Allegheny av, Phila., Pa.
CHOLLAR'S feed water purifiers—Stacey Mfg. Co., Big Four RR & Township av, Elmwood, Cincinnati, Ohio
CHOQUETTE waste savers—Torrance Mfg. Co., Harrison, N. J.
CHORE BOY gasoline engines—Associated Mfrs. Co., Waterloo, Iowa
CHOUAGUEN shade cloth—Oswego Shade Cloth Co., Oswego, N. Y.
CHRIST coal jigs—Tamaqua Mfg. Co., Tamaqua, Pa.
CHRISTEN blacksmiths' bellows—Christen Bellows & Mfg. Co., Main & Dock, St. Louis, Mo
CHRISTENSEN electric car brakes—Allis-Chalmers Mfg. Co., W. Allis, Milwaukee, Wis.
CHRISTIANA suction hose, garden hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
CHRISTY kitchen knives & egg & cream beaters—Christ Knife Co., Fremont, Ohio
CHUBBUCK cross arms, insulator pins & brackets—Electrical Construction Supply Co., Springfield, Ohio
CHURCH belt fasteners—Sawyer Belt Hook Co., Pawtucket, R. I.
CHURCH wire stretchers & woven wire fences—Church Bros., Adrian, Mich.
CHUSE engines—Chuse Engine & Mfg. Co., Mattoon, Ill.
CINCH expansion bolts—National Lead Co., 111 Broadway, New York
CINCH fence stays—Worth Wire Works, Kokomo, Ind.
CINCH fruit jar wrenches—Cassaday Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
CINCH metal polish—American Motor Equipment Co., 73 Washington, N, Boston, Mass.
CINCINNATI box straps—W. F. Robertson, Steel & Iron Co., Elm & Commerce, Cincinnati, Ohio
CINCINNATI drilling machine vises—Cincinnati-Bickford Tool Co., Cincinnati, Ohio
CINCINNATI oven illuminators—Dutchess Tool Co., Fishkill-on-Hudson, N. Y.
CINCINNATI planers—Cincinnati Planer Co., Cincinnati, O.
CINCINNATI step ladders—Rich Pump Co., South & Depot, Cincinnati, Ohio
CINCINNATI wire rope clips—C. M. Mockbee, 816 E. Pearl, Cincinnati, Ohio
CINCINNATUS concrete mixers—Ideal Concrete Machinery Co., 1346 Monmouth av, Cincinnati. Ohio
CINCINNATUS rubber hose, rubber packing—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio
CIN-MAN-CO. metal frame window screens—Cincinnati Mfg. Co., 1243 W. 6th, Cincinnati, Ohio
CINO gate valves—D. T. Williams Valve Co., Cincinnati, Ohio
CINRUBCO insulating tape—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio
CIRE-PERDUE bronze monuments—Roman Bronze Works, 275 Greene, Brooklyn, N. Y.
CISCO punching & shearing machinery, bending & straightening rolls, lathes, cranes—Cincinnati Iron & Steel Co., Cincinnati, Ohio
CITICO pig iron—Citico Furnace Co., Chattanooga, Tenn.
CITRUS washing powders—Citrus Soap Co., San Diego, Cal.
CITY parlor door hangers—Lawrence Bros., Sterling, Ill.
CITY GEM mail boxes—Metal Forming Corp., Elkhart, Ind.
CLAFLIN automatic tube blowers—C. A. Claflin Co., 161 High, Boston, Mass.
CLAFLIN baseball & athletic shoes—Waldo M. Claflin, 110 Chestnut, Phila., Pa.
CLAIRMONT belting—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
CLANNY miners' safety lamps—American Safety Lamp & Mine Supply Co., Scranton, Pa.
CLARCO steel truck & rubber tired wheels—W. J. Clark Co., Salem, Ohio
CLARK automobile & carriage heaters—Chicago Flexible Shaft Co., 5600 W. 12th, Chicago, Ill.
CLARK corn huskers—R. F. Clark, 54 W. Lake, Chicago, Ill.
CLARK damper regulators—Foskett & Bishop Co., New Haven, Conn.
CLARK expansive bits—Conn. Valley Mfg. Co., Centerbrook, Conn.
CLARK expansive bits—Davis Hardware Mfg. Co., Gloucester, Mass.
CLARK gas radiators—American Stove Co., St. Louis, Mo.
CLARK grain power shovels—Wolf Co., Chambersburg, Pa.
CLARK harrows & pulverizers, clod crushers & root cutters—Cutaway Harrow Co., Higganum, Conn.

CLARK—meter boxes—H. W. Clark Co., Mattoon, Ill.
CLARK pattern expansive bits—W. A. Ives Mfg. Co., Wallingford, Conn.
CLARK pipe joint cements—Clark Cast Steel Cement Co., Shelton, Conn.
CLARK portable grain elevators—Clark Machine Co., St. Johnsville, N. Y.
CLARK safety razors—Clark Blade & Razor Co., 119 Sussex av, Newark, N. J.
CLARK steel factory trucks, barrows, casters, exhaust fans, wringing machines—Geo. P. Clark Co., Windsor Locks, Conn.
CLARK tablet machines—F. J. Stokes Machine Co., 17th & Cambria, Phila., Pa.
CLARK tenison set plates—Adreon Mfg. Co., Security bldg., St. Louis, Mo.
CLARK trolley line materials—Clark Elec. & Mfg. Co., 149 Broadway, New York
CLARK trolley wire splicers—Electric Railway Equipment Co., Cincinnati, Ohio
CLARK tuyere irons—Illinois Iron & Belt Co., Carpentersville, Ill.
CLARKE damper regulators—E. Rutzler Co., 404 E. 49th, New York
CLARK'S agricultural implements—Cutaway Harrow Co., Higganum, Conn.
CLARK'S bits & wall strapers—C. E. Jennings & Co., 71 Murray, New York
CLARK'S blind hinges—Wrightsville Hardware Co., Wrightsville, Pa.
CLARK'S damper regulators—Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
CLARK'S damper regulators—Enoch Rutzler Co., 404 E. 49th, New York
CLARK'S emergency exit door locks—Hugh Elmer Clark & Bros., Rochester, N. Y.
CLARK'S expansive bits—James Swan Co., Seymour, Conn.
CLARK'S expansive bits & screw drivers—R. H. Brown & Co., New Haven, Conn.
CLARK'S metallic life boats & rafts—Detroit Shipbuilding Co., Brass Dept., Detroit, Mich.
CLARK'S reversible hinges—Frey Iron Casting Co., Mt. Joy, Pa.
CLARKSIZE powder size—Clark Paper & Mfg. Co., Rochester, N. Y.
CLAROL belt dressing—Viscol Co., Cambridge, Mass.
CLARY railroad tie plates—Cleveland Railway Supply Co., Cleveland, Ohio
CLAUSS mincing knives—Udell Works, Indianapolis, Ind.
CLAUSS shears, safety razors, knives—Clauss Shear Co., Fremont, Ohio
CLAY hydraulic packing—H. Johnson Co., ft Gates av, Jersey City, N. J.
CLAY-JONES hose couplings—Jno. H. Clay, 1320 Ridge av, Phila., Pa.
CLEAN CLAW farriers' hammers—Champion Tool Co., Meadville, Pa.
CLEAN-CUT weed cutters—H. C. Shaw Co., Stockton, Cal.
CLEAN EASY hand soap—Wm. R. Winn, 488 Cherry, New York
CLEANER carpet beaters—Holt-Lyon Co., Tarrytown, N. Y.
CLEANOFF paint & varnish remover—Campbell Glass & Paint Co., 816 N. 7th, St. Louis, Mo.
CLEANOLA furniture polish—Cleanola Co., Fulton bldg, Pittsburgh, Pa.
CLEAN-OUT water closets—Wheeling Sanitary Mfg. Co., Wheeling, W. Va.
CLEANSILK polishing cloths—F. C. Hanson, Southbridge, Mass.
CLEAN SWEEP brass bushings, brass elbows & catch basin traps—Detroit Sanitary Supply Co., Detroit, Mich.
CLEAN SWEEP hay loaders—Sandwich Mfg. Co., Sandwich, Ill.
CLEAN U WELL door mats—Modern Mfg. Co., Hagerstown, Md.
CLEAN-WELD brazing & welding flux—Metal Products Co., 78 Portland, Boston, Mass.
CLEANWELL flexible steel mats—Pettler Wire Products Co., Beaver Falls, Pa.
CLEBRA gas service cocks—Cleveland Brass Mfg. Co., 4606 Hamilton, Cleveland, Ohio
CHICAGO foundry nails—Cleveland Galvanizing Works Co., 3924 Cooker av., Cleveland, O.
CLELAND SPECIAL fanning mills—Cleland Mfg. Co., Minneapolis, Minn.
CLEMATES rubber hose—Bowers Rubber Works, San Francisco, Cal.
CLEMCO desks—Clemetsen Co., 2607 Flournoy, Chicago, Ill.
CLEMENT band saw filing & setting machines—American Wood Working Machinery Co., Rochester, N. Y.
CLEOPATRA sewing machines, needles—John Thornton, Jr., 108 Worth, New York
CLERMONT hot air furnaces—Gem City Stove Co., Dayton, Ohio
CLERO automobile horns & push buttons—Fitzgerald Mfg. Co., Torrington, Conn.
CLEVELAND ale & beer pumps—Russ Co., 5700 Walworth av, Cleveland, Ohio
CLEVELAND barn door hangers—Lawrence Bros., Sterling, Ill.
CLEVELAND boiler compounds—Cleveland Mfg. & Supply Co., Wade bldg, Cleveland, Ohio
CLEVELAND blast furnaces—Cleveland Furnace Co., Clark av., S. W., & Cuyahoga River, Cleveland, O.
CLEVELAND car fenders & wheel guards, fare boxes & sand boxes—Cleveland Fare Box Co., 5318 St. Clair av, Cleveland, Ohio
CLEVELAND cranes—Cleveland Crane & Engng. Co., Box 152, Wickliffe, O.
CLEVELAND cultivators—Empire Plow Co., Cleveland, Ohio
CLEVELAND expanded metal lath—Brier Hill Steel Co., Youngstown, Ohio
CLEVELAND flushing valves—Cleveland Flush Meter Co., 118 Noble ct, Cleveland, Ohio
CLEVELAND hot air furnaces—Bennett Furnace Co., 6531 Euclid av, Cleveland, Ohio
CLEVELAND joist hangers—Columbian Hardware Co., Cleveland, Ohio
CLEVELAND milling cutters, Cleveland Milling Machine Co., 18511 Euclid av, Cleveland, O.
CLEVELAND motor cycles—Cleveland Motor Cycle Mfg. Co., 7209 Platt av, Cleveland, Ohio
CLEVELAND planing machines—open side—Cleveland Planer Works, Cleveland, Ohio
CLEVELAND pneumatic tools & valve grinders—Cleveland Pneumatic Tool Co., 3734 E. 78th, Cleveland, Ohio
CLEVELAND rock drills—Cleveland Rock Drill Co., Cleveland, Ohio
CLEVELAND roof snow guards & wall ties—Duplex Hanger Co., E. 53rd & Lakeside av, Cleveland, O.
CLEVELAND surface grinders—Cleveland Automatic Machine Co., Cleveland, Ohio
CLEVELAND sensitive drilling machines—Simplex Machine Tool Co., Cleveland National Bank bldg, Cleveland, Ohio
CLEVELAND tires—Cleveland Puncture Proof Tire Co., Columbus, Ohio
CLEVELAND traction engines—Cleveland Tractor Co., Euclid & Lamb avs, Cleveland, Ohio
CLEVELAND watchman's clocks—American Watchman's Time Detector Co., 3403 Perkins av, Cleveland, Ohio
CLEVELAND-KNOWLES magnetic separators—United Iron Works Co., Kansas City, Mo.
CLICO corn syrup—Clinton Sugar Refining Co., Clinton, Ia.
CLIFFORD CAPELL mine ventilating fans—Elliott Co., Pittsburgh, Pa.
CLIFFS bolster seat springs—Meyer & Co., Throopsville, N. Y.
CLIFTON gas engines—Clifton Motor Works, 229 E. Clifton av, Cincinnati, Ohio
CLIFTON steel conduits—Clifton Mfg. Co., 65 Brookside av, Jamaica Plain, Boston, Mass.
CLIMAX ammunition—U. S. Cartridge Co., Lowell, Mass.
CLIMAX asphalt roofing & roofing paints—McHenry-Millhouse Mfg. Co., South Bend, Ind.
CLIMAX automatic steam engines—Peer Mfg. Co., Comstock, Mich.
CLIMAX barrows—Martin & Heagy Mfg. Co., Elizabethtown, Pa.
CLIMAX belt fasteners—Hudson Belt Fastener Co., 149 Church, New York
CLIMAX belting—Palmer N. & Co., Bridgeport, Conn.
CLIMAX blotting paper—Richmond Paper Mfg. Co., Richmond, Va.
CLIMAX boiler compounds—H. Lewis Co., 723 W. Lake, Chicago, Ill.
CLIMAX car couplers—National Malleable Castings Co., 7706 Platt av, S. E., Cleveland, Ohio
CLIMAX cellar drainers, hydrants, pipe vises, gas machines, burners, mixers, pots, soldering furnaces—C. M. Kemp Mfg. Co., 401 E. Oliver, Baltimore, Md.
CLIMAX cement plaster—Acme Cement Plaster Co., Frisco bldg, St. Louis, Mo.
CLIMAX churns, pails & buckets—Buckeye Churn Co., Sidney, Ohio
CLIMAX closet seat hinges—Sherwood Brass Works, Detroit, Mich.
CLIMAX closet seats—C. F. Church Mfg. Co., Holyoke, Mass.
CLIMAX closet seats—Meyer-Sniffen Co., 11 W. 36th, New York

CLIMAX corrugated bottle wrappers—Hinde & Dauch Paper Co., Sandusky, Ohio
CLIMAX cultivators—Ohio Cultivator Co., Bellevue, Ohio
CLIMAX cupola blocks—Climax Fire Brick Co., Climax, Clarion Co., Pa.
CLIMAX damper regulators—Kieley & Mueller, 34 W. 13th, New York
CLIMAX drag weighers—Climax Machinery Co., Indianapolis, Ind.
CLIMAX dry batteries, automobile lamps, wire connectors, & wire scrapers—Sibley & Pitman, 19 W. 36th, New York
CLIMAX expansion bolts—Brohard Co., 3rd & Lehigh, Phila., Pa.
CLIMAX fasteners—Buffalo Automatic Mfg. Co., 165 Pearl, Buffalo, N. Y.
CLIMAX feed cutters & carriers—Warsaw-Wilkinson Co., Warsaw, N. Y.
CLIMAX foot grinders—Tri-Angle Mfg. Co., Freeport, Ill.
CLIMAX grain drills—Walter A. Wood Mowing & Reaping Machine Co., Hoosick Falls, N. Y.
CLIMAX grindstones—Richards-Wilcox Mfg. Co., Aurora, Ill.
CLIMAX hand power grinders—Empire Implement Mfg. Co., Albany, N. Y.
CLIMAX harrows—W. A. Wood Mowing & Reaping Machine Co., Hoosick Falls, N. Y.
CLIMAX harrows & pulverizers—Parlin & Orendorff Co., Canton, Ill.
CLIMAX hose nozzles & food choppers—Landers, Frary & Clark, New Britain, Conn.
CLIMAX hot air furnaces & steel ranges—Taplin-Rice-Clerkin Co., Akron, Ohio
CLIMAX ladders—Frizell Ladder Co., 135 Granite av, Boston, Mass.
CLIMAX locomotives—Climax Mfg. Co., Corry, Pa.
CLIMAX lubricating oils & greases—C. F. Sweet, Hartford, Conn.
CLIMAX mail boxes, sash locks & window anti-rattlers—Climax Lock & Ventilator Co., 656 Michigan av, Buffalo, N. Y.
CLIMAX needles—Randall-Falchney Co., Boston, Mass.
CLIMAX numbering & dating machines—Traut & Hine Mfg. Co., New Britain, Conn.
CLIMAX packing—Crandall Packing Co., Palmyra, N. Y.
CLIMAX padlocks—Slaymaker Lock Co., Lancaster, Pa.
CLIMAX paper clips—Buffalo Automatic Mfg. Co., 165 Pearl, Buffalo, N. Y.
CLIMAX paper hanger trimmers—A. Allen & Co., 2001 Carpenter, Phila., Pa.
CLIMAX paper & pulp—Richmond Paper Mfg. Co., Richmond, Va.
CLIMAX plows—C. Billups Son & Co., Norfolk, Va.
CLIMAX plows—Thornburgh Mfg. Co., Bowling Green, Ohio
CLIMAX plumbers' wood work—Climax Sanitary Co., Detroit, Mich.
CLIMAX railway track drills—National-Standard Co., Box 211, Niles, Mich.
CLIMAX resistance wire—Driver-Harris Co., Harrison, N. J.
CLIMAX road scrapers—American Steel Scraper Co., Sidney, Ohio
CLIMAX rock & ore crushers, road machine & graders & stone crushing plants—Good Roads Machinery Co., Kennett Square, Pa.
CLIMAX saw clamps—Gustafson & Scott Mfg. Co., 4325 Wabansia av, Chicago, Ill.
CLIMAX shingle mill machinery—American Sawmill & Machinery Co., Hackettstown, N. J.
CLIMAX step ladders—Goshen Mfg. Co., Goshen, Ind.
CLIMAX stump pullers—C. D. Edwards, Albert Lea, Minn.
CLIMAX sweep horse powers—Gehl Bros. Mfg. Co., West Bend, Wis.
CLIMAX sweep horse powers—I. B. Rowell Co., Waukesha, Wis.
CLIMAX toe-calks—Franklin Steel Works, Joliet, Ill.
CLIMAX trucks—Lansing Co., Lansing, Mich.
CLIMAX valves—Illinois Engineering Co., 5021 S. State, Chicago, Ill.
CLIMAX valves & sash weights—Kennedy-Stroh Corp., Pittsburgh, Pa.
CLIMAX ventilating caps—Miller Foundry & Specialty Co., N. Tonawanda, N. Y.
CLIMAX wash tub benches—Household Mfg. Co., Royersford, Pa.
CLIMAX water motors—Gaylord & Eitapenc Co., Binghamton, N. Y.
CLIMAX welding compounds—Cortland Welding Compound Co., Cortland, N. Y.
CLIMAX wire fences & gates—Indiana Steel & Wire Co., Muncie, Ind.
CLIMAX-SOLAR bath heaters—Solar Heater Co., Los Angeles, Cal.
CLIMAX water supply system—Deming Co., Salem, O.
CLIMAX WHEEL garden hoes—Ohio Cultivator Co., Bellevue, Ohio
CLINCHER animal traps—Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
CLINCHER conductor pipe hooks—Delphos Mfg. Co., Delphos, Ohio
CLINCHER conductor pipe hooks—Milwaukee Corrugating Co., Milwaukee, Wis.
CLINCHER riveting machines—Star Hill Plate Co., Hamburg pl, Newark, N. J.
CLINCHES lightning grip vises—Massey Vise Co., 547 Washington blvd, Chicago, Ill.
CLING paper clips—H. C. Cook Co., 100-120 Jewett, Ansonia, Conn.
CLING-SURFACE belt & rope dressing—Cling-Surface Co., Buffalo, N. Y.
CLINTON horse nails—Ausable Horse Nail Co., Keeseville, N. Y..
CLINTON poultry netting—Clinton Wire Cloth Co., Clinton, Mass.
CLINTON safety pins—Oakville Co., Waterbury, Conn.
CLINTON wagons—Abingdon Wagon Co., Abingdon, Ill.
CLIO water closets—Jas. Barrett Mfg. Co., 117 Pearl, Boston, Mass.
CLIP valves—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
CLIPLESS paper fasteners—Clipless Paper Fastener Co., Newton, Ia.
CLIPOX paper clips—Max Yessler, Inc., Milwaukee, Wis.
CLIPPER axes, rag cutter knives, scythes—Dunn Edge Tool Co., Oakland, Me.
CLIPPER bean & pea cleaners, bean & pea sorters, grain graders, fanning mills, alfalfa seed cleaners—A. T. Ferrell & Co., Saginaw, Mich.
CLIPPER belt fasteners, belt lacing & belt lacing machines—Clipper Belt Lacer Co., 1042 Front av, Grand Rapids, Mich.
CLIPPER breaking plows—S. R. White's Sons, Norfolk, Va.
CLIPPER cultivators—Peru Plow & Wheel Co., Peru, Ill
CLIPPER door hangers—Lawrence Bros., Sterling, Ill.
CLIPPER egg & cream beaters, lemon squeezers—Giles & Nielsen Nickel Works, Troy, N. Y.
CLIPPER fanning mills—Johnson & Field Mfg. Co., Racine, Wis.
CLIPPER feed cutters—A. B. Farquhar Co., York, Pa.
CLIPPER green pea cleaning & grading machines—Sprague Canning Machinery Co., 222 N. Wabash av, Chicago, Ill.
CLIPPER lawn mowers & gasoline engines—Clipper Lawn Mower Co., Dixon, Ill.
CLIPPER well drilling machinery—Loomis Machine Co., Tiffin, Ohio.
CLIPPER wood stoves—Gray & Dudley Hardware Co., Nashville, Tenn.
CLIPPINGER steel corn cribs—A. B. Clippinger & Son Mfg. Co., Kansas City, Kan.
CLOUGH gasoline burners—Theo. Clough, Dobbs Ferry, N. Y.
CLOVER carbon paper—Miller-Bryant-Pierce Co., Aurora, Ill.
CLOVER closet tanks—J. C. Eichman Mfg. Co., Bush & Wicomico, Baltimore, Md.
CLOVER rubber hose—Whitehead Bros. Rubber Co., Trenton, N. J.
CLOVER safety fuse—du Pont de Nemours & Co., E. I., Wilmington, Del.
CLOVER water heaters—Mustee Water Heater Co., 3409 Superior av, Cleveland, Ohio.
CLOVER LEAF counter scales—Jones of Binghamton (Inc.) Binghamton, N. Y.
CLOVER LEAF lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.
CLOVER LEAF thumb tacks—Hampden Mfg. Co., 108 Fulton, New York
CLOVERLEAF unloaders—F. E. Myers & Bro., Ashland, Ohio
CLOVER LEAF X-ray tubes—Green & Bauer, Hartford, Conn.
CLOVER TRIUMPH gas heaters—Phila. Stove & Iron Foundry Co., 1625 N. 5th, Phila., Pa.
CLOW TEMPERATURE BOOSTER pressure reducing valves—Jas. B. Clow & Sons, Franklin & Harrison, Chicago, Ill.
CLOW valves, water lifts—Jas. B. Clow & Sons, Franklin & Harrison, Chicago, Ill.

CLYDE kitchen enameled ware—Coonley Mfg. Co., Cicero, Ill.
CLYDE lime hydrating machinery—H. Miscampbell, Duluth, Minn.
CLYDE log skidding & loading machines, stump pullers & tree felling saws—Clyde Iron Works, Duluth, Minn.
CLYOD flooring clamps—Hardware Specialty Mfg. Co., Anderson, Ind.
COAL King stoves—Price-Evans Foundry Co., Chattanooga, Tenn.
COATES flexible shaft hair clippers, portable drilling & bracket boring machines, reamer grinders—Coates Clipper Mfg. Co., Worcester, Mass.
COBB'S round packing—New York Belting & Packing Co., 91 Chambers, New York
COBURN barn door hangers—Coburn Trolley Track Mfg. Co., Holyoke, Mass.
COBURN-TAYLOR rag cutting machines—B. F. Perkins & Son, Holyoke, Mass.
COBWEB carbon paper—A. P. Little, Rochester, N. Y.
COBWEB wire glass—Pennsylvania Wire Glass Co., Penn. bldg, Phila., Pa.
COCHECO belting & belt cements, belt lacing—J. B. Williams & Sons, Dover, N. H.
COCHECO metallic packing—Strong Machinery & Supply Co., 21 Walker, New York.
COCHRAN speednut wrenches—Henes Sales Corp., 179 W. Washington, Chicago, Ill.
COCHRANE feed water heaters & purifiers—Harrison Safety Boiler Works, 3147 N. 17th, Phila., Pa.
COCO oil & gasoline pumps—A. C. Kraft, 323 W. Lake, Chicago, Ill.
CODORUS roofing paper—Schmidt & Ault Paper Co., York, Pa.
CODRU plumbers' sanitary earthenware—N. J. China Pottery Co., Trenton, N. J.
COE smudge pots—American Steel Pipe & Tank Co. Los Angeles, Cal.
COEN mechanical fuel oil burners—Coen Co., 112 Market, San Francisco, Cal.
COE'S gilding wheels—W. H. Coe Mfg. Co., 74 Weybosset, Providence, R. I.
COES wrenches—Coes Wrench Co., Worcester, Mass.
COFFIELD clothes washing machines—Coffield Motor Washer Co., Dayton, Ohio
COFFIN planimeters—Ashcroft Mfg. Co., 119 W. 40th, New York
COGSWELL clay grinding machines & mills—A. & F. Brown Co., 79 Barclay, New York
COHOES freight elevators, cylinder & hot air slashers—Cohoes Iron Foundry & Machine Co., Cohoes, N. Y.
COIN compression grease cups—Wm. Powell Co., Cincinnati, Ohio
COIN-KEY lavatory locks—Venn-Severin Machine Co., 1317 W. North, Chicago, Ill.
COIT drill chucks—Narragansett Machine Co., Providence, R. I.
COIT drill chucks—Standard Machienery Co., Mystic, Conn.
COLBE combination range—E. B. Colby & Co., Hoboken av, Jersey City, N. J.
COLBERT can filling machines—Sprague Canning Machinery Co., 222 N. Wabash av, Chicago, Ill.
COLBURN tool holders—Colburn Machine Tool Co., Franklin, Pa.
COLD HANDLE family sad irons—Gray Iron Foundry Co., Reading, Pa.
COLD HANDLE stove lid lifters—Grey Iron Casting Co., Mt. Joy, Pa.
COLDWATER garden cultivators & manure spreaders—New Idea Spreader Co., Coldwater, Ohio
COLDWELL lawn mowers & lawn mower sharpeners—Coldwell Lawn Mower Co., Newburgh, N. Y.
COLEBROOK CROWN store makers' putty—W. H. Colebrook's Sons, Syracuse, N. Y.
COLEBROOKDALE electric sad irons—Colebrookdale Iron Co., Pottstown, Pa.
COLEBROOK'S plumbers' soil—Colebrook's Sons, Syracuse, N. Y.
COLECTO annunciators—S. H. Couch Co., Norfolk Downs, Mass.
COLEMAN arc lamps—Cole-Halsted Light & Sales Co., Los Angeles, Cal.
COLEMAN lamps—Coleman Lamp Co., Wichita, Kan.
COLEMAN EAGLE carriage bolts—Upson Nut Co., Cleveland, Ohio.
COLE'S hot blast stoves—Cole Mfg. Co., 3218 S. Western av, Chicago, Ill.
COLGAN lubricating oils—Colgan Mfg. & Supply Co., 118 Maiden la, New York
COLLEGE lawn mowers—Phila. Lawn Mower Co., 3107 Chestnut, Phila., Pa.
COLLERLEAK pipe clamps—Dayton Pipe Coupling Co., Dayton, Ohio
COLLES feed water purifiers—Sharkey & Peck, 2433 W. 18th, Chicago, Ill.
COLLICOTT'S improved—Ingall's tube scrapers—Newark Brush & Scraper Co., 266 Fabyan pl, Newark, N. J.
COLLINGE carriage axles—Lee & Porter, Buchanan, Mich.
COLLINS automobile wind shields—G. A. Collins & Son, Akron, Ohio
COLLINS compression couplings—Jones & Laughlin Steel Co., Pittsburgh, Pa.
COLLINS metallic packing—Collins Metallic Packing Co., 56 N. 2d, Phila., Pa.
COLLINS pressure regulators—Collins Mfg. Co. (Ltd.), 612 Chestnut, Phila., Pa.
COLLINS tube expanders—Ajax Mfg. Co., N. S., Pittsburgh, Pa.
COLLS boiler ejectors—Tranter Mfg. Co., 105 Water, Pittsburgh, Pa.
COL-MAC carburetors—Col-Mac Co., 250 South, Newark, N. J.
COLONEL gas arc lamps—Risinger Bros. Co., E. Liverpool, Ohio
COLONEL sight feed lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
COLONIAL pig iron—Colonial Iron Co., 149 B'way, New York
COLONIAL coffee & spice mills—Wrightsville Hardware Co., Wrightsville, Pa.
COLONIAL compression grease cups—Wm. Powell Co., Cincinnati, Ohio
COLONIAL copper clad wire—Standard Underground Cable Co., Pittsburgh, Pa.
COLONIAL cultivators—Brand Detour Plow Co., Dixon, Ill.
COLONIAL dampers, andirons & gates—Colonial Fireplace Co., 4631 W. 12th, Chicago, Ill.
COLONIAL gas pressure regulators—Baylis Co., Bloomfield, N. J.
COLONIAL hard wax floor polish—Acme White Lead & Color Works—Detroit, Mich.
COLONIAL high speed crucible steel—Colonial Steel Co., 324 4th av, Pittsburgh, Pa.
COLONIAL hot air registers—Phila. Hdw. & Mail. Iron Works, 9th & Jefferson, Phila., Pa.
COLONIAL incandescent electric lamps—Colonial Electric Works of G. E. Co., Warren, Ohio
COLONIAL lubricating oils—Borne-Scrymser Co., 80 South, New York.
COLONIAL packing—Colonial Supply Co., Pittsburgh, Pa.
COLONIAL porch columns—Saco Mfg. Co., Saco, Me.
COLONIAL potheads—Colonial Sign & Insulator Co., 142 Berkeley, Boston, Mass.
COLONIAL sanitary flooring—Warren Bros. Co., 142 Berkeley, Boston, Mass.
COLORADO concrete mixers—Colorado Concrete Mixer Co., Denver, Colo.
COLORADO potato planters—Hassell Iron Works Co., Colorado Springs, Colo.
COLORIFIC mortar colors—Jas. M. Wells Co., Ogdensburg, N. Y.
COLORLESS WATERPROOFING brick paints—Glidden Varnish Co., 1775 W. Madison, Cleveland, O.
COLOSSUS air drill hose, suction hose, steam hose—Electric Hose & Rubber Co., 12th & Durem, Wilmington, Del.
COLT milling machines—Asa S. Cook Co., Hartford, Conn.
COLTAY miners' spades—Smith-Courtney Co., Richmond, Va.
COLTON cement—California Portland Cement Co., Los Angeles, Cal
COLTON lathe tool holders—Keystone Equipment Co., 1825 Walnut, Phila., Pa.
COLTON-HARTZ jigs for concentrating mills—Worthington Pump & Machy. Corp., 115 Broadway, New York
COLTRIN concrete mixers—Knickerbocker Co., Jackson, Mich.
COLT'S automobile jacks, screw clamps, wagon jacks—Batavia Clamp Co., Batavia, N. Y.
COLUMBIA armature banding machines, coil taping machines, electric car brakes, gear cases, pinion pullers, signal switches, snow sweepers, pneumatic lifts—Columbia Machine Works & Iron Co., 269 Chestnut, Brooklyn, N. Y.
COLUMBIA auto. headlights, lamps, track jacks—Hine-Watt Mfg. Co., 180 N. Market, Chicago, Ill.
COLUMBIA bed & furniture casters—Columbia Ball Caster Co., 160 N. 5th av, Chicago, Ill.
COLUMBIA butcher's knives—E. S. Hulbert & Co., Bernardston, Mass.
COLUMBIA can openers—A. F. Meisselbach & Bros., 29 Congress, Newark, N. J.
COLUMBIA car cleaning oils, varnish renovators—Columbia Refining Co., 90 West, New York

COLUMBIA car trucks—McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg, Chicago, Ill.
COLUMBIA carbon paper & typewriter ribbons—Columbia Ribbon & Carbon Mfg. Co., 69 Wooster, New York
COLUMBIA coal chutes & sidewalk doors—Columbia Iron & Wire Works Co., Canton, Ohio
COLUMBIA coal mining picks—Warwood Tool Co., Warwood, Wheeling, W. Va.
COLUMBIA cotters & keys—Hindley Mfg. Co., Valley Falls, R. I.
COLUMBIA cotton rope—Anniston Cordage Co., Anniston, Ala.
COLUMBIA cultivators & harrows—Brinly-Hardy Co., Louisville, Ky.
COLUMBIA storage & open batteries, arc light carbons, testing instrument battery connectors—National Carbon Co., Madison av, N. W. & W. 117th, Cleveland, Ohio.
COLUMBIA embossing presses—A. Dewes Co., 199 Lafayette, New York.
COLUMBIA engine stops—Consolidated Engine Stop Co., 133 W. 19th, New York
COLUMBIA family scales—Landers, Frary & Clark, New Britain, Conn.
COLUMBIA flour sieves—Parker Wire Goods Co., Worcester, Mass.
COLUMBIA flour sifters—National Enameling & Stamping Co., 411 5th av, New York
COLUMBIA glass insulators—Brookfield Glass Co., 2 Rector, New York
COLUMBIA grain drills, rice planting drills & seeder attachments—Wm. Fetzer Co., Springfield, Ill.
COLUMBIA high speed steel—Columbia Tool Steel Co., 552 W. Lake, Chicago Heights, Ill.
COLUMBIA hot air furnaces—Columbus Heating & Ventilating Co., Columbus, Ohio
COLUMBIA incandescent electric lamps—Columbia Lamp Division of G. E. Co., the Nat'l bldg, St. Louis, Mo.
COLUMBIA insulating tape—Electrical Material Co., 618 W. Jackson blvd, Chicago, Ill.
COLUMBIA lawn mowers—American Lawn Mower Co., Muncie, Ind.
COLUMBIA lawn swings—Specialty Mfg. Co., Titusville, Pa.
COLUMBIA liquid polish—Frederick B. Stevens, 3d & Larned, Detroit, Mich.
COLUMBIA lock-nuts & washers—Columbia Nut & Bolt Co., Bridgeport, Conn.
COLUMBIA logging tools—American Logging Tool Co., Evart, Mich.
COLUMBIA marine gears—Marine Mfg. & Supply Co., 158 South, New York
COLUMBIA meat choppers—Peden Iron & Steel Co., Houston, Texas
COLUMBIA meter calibrators & watthour meters—Roller-Smith Co., 233 Broadway, New York
COLUMBIA mop wringers—Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
COLUMBIA MULTIPLE ignition batteries—National Carbon Co., Madison av, N. W., & W. 117th, Cleveland, Ohio
COLUMBIA range boilers—Meurer Bros. Co., 575 Flushing av, Brooklyn, N. Y.
COLUMBIA recording thermometers—Schaeffer & Budenberg Mfg. Co., Berry & S. 5th, Brooklyn, N. Y.
COLUMBIA RED LABEL dry batteries — National Carbon Co., Madison av, N. W., & W. 117th, Cleveland, Ohio
COLUMBIA screen door hinges—Columbian Hardware Co., Cleveland, Ohio
COLUMBIA screw drivers & garment hangers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
COLUMBIA seeders & sowers—Peoria Drill & Seeder Co., Peoria, Ill.
COLUMBIA shears—Columbian Cutlery Co., Reading, Pa.
COLUMBIA shingle mill machinery—Perkins & Co., Grand Rapids, Mich.
COLUMBIA shoe lasts & stands—Wrightsville Hardware Co., Wrightsville, Pa.
COLUMBIA steam heaters—Jas. R. Vance, Geneva, N. Y.
COLUMBIA steam traps—Watson & McDaniel Co., 146 N. 7th, Phila., Pa.
COLUMBIA steam & hot water heaters—Columbia Heater Co., Paterson, N. J.
COLUMBIA step ladders—Bent Rung Ladder & Mfg. Co., Indiana, Pa.
COLUMBIA tire air pumps—Judd & Leland Mfg. Co., Clifton Springs, N. Y.
COLUMBIA ventilators—Hoffmann & Baur, 279 Lake, Milwaukee, Wis.
COLUMBIA ventilators—E. E. Souther Iron Co., Kienlen & Hamburger, St. Louis, Mo.
COLUMBIA water meters—Union Water Meter Co., Worcester, Mass.
COLUMBIA wire link fabric—Mattatuck Mfg. Co., Waterbury, Conn.
COLUMBIA HOT SHOT ignition batteries—National Carbon Co., Madison av, N. W., & W. & W. 117th, Cleveland, Ohio
COLUMBIA IGNITOR blasting, dry & ignition batteries—National Carbon Co., Madison av, N. W., & W. 117th, Cleveland, Ohio
COLUMBIAN anvils, hinges, door pulls, hot air registers, vises—Columbian Hardware Co., Cleveland, Ohio
COLUMBIAN blotting paper—Eaton-Dikeman Co., Lee, Mass.
COLUMBIAN brick paints—Adams & Elting Co., 726 Washington, Chicago, Ill.
COLUMBIAN cotton hose—Mechanical Rubber Co., 73 Reade, New York
COLUMBIAN electric lamp hoods—National Metal Stamping & Mfg. Co., 494 Mulberry, Newark, N. J.
COLUMBIAN flag pole brackets—Nicol & Co., 218 N. Jefferson, Chicago, Ill.
COLUMBIAN gasoline stoves—M. Schrayer's Sons & Co., 917 W. 18th, Chicago, Ill.
COLUMBIAN hot air furnaces—Keeley Stove Co., Columbia, Pa.
COLUMBIAN lubricators—Nathan Mfg. Co., 416 E. 106th, New York
COLUMBIAN lubricators—Wm. Powell Co., Cincinnati, Ohio
COLUMBIAN mail cranes, catchers, cattle guard & store trucks—Columbian Mail Crane Co., Columbus, Ohio
COLUMBIAN propeller wheels—Columbian Bronze Corp., 50 Church, New York
COLUMBIAN road scrapers—Western Wheeled Scraper Co., Aurora, Ill.
COLUMBIAN rope & twines—Columbian Rope Co., 3050 Genesee, Auburn, N. Y.
COLUMBIAN row-locks—Wilcox, Crittenden & Co., Middletown, Conn.
COLUMBIAN water heaters—Chas. Haberling, Columbus, Ohio
COLUMBIAN wood alcohol—A. L. Webb & Sons, Lombard & Hollingsworth, Baltimore, Md.
COLUMBIAN METHANOL wood alcohol—Wm. S. Gray & Co., 80 Maiden la, New York
COLUMBUS brass elbows & towel bars—Columbus Brass Co., Columbus, Ohio
COLUMBUS canthooks, pavement cleaners & post hole diggers—Columbus Handle & Tool Co., Columbus, Ind.
COLUMBUS concrete carts, concrete barrows & drag road scrapers—Kilbourne & Jacobs Mfg. Co., Columbus, Ohio
COLUMBUS galvanized iron ventilators—F. O. Schoedinger, 142 N. 3d, Columbus, O.
COLUMBUS gas furnaces—Columbus Heating & Ventilating Co., Columbus, Ohio
COLUMBUS lamp posts—O'Brien Bros., 276 W. Main,
COLUMBUS oil filters—F. A. Nusbaum, 219 Ruffner, Lockland, Ohio
COLUMBUS rafting dogs—Hayden-Corbett Chain Co., Columbus, Ohio
COLUMBUS steel wogan skeins—American Skein & Foundry Co., Racine, Wis.
COLUMBUS steel wagon skeins—Illinois Iron & Bolt Co., Carpentersville, Ill.
COLUMBUS sugar cane mills—Southern Plow Co., Columbus, Ga.
COLUMBUS wagons—A. A. Cooper Wagon & Buggy Co., Dubuque, Ia.
COLVIN interchangeable hammers—Greene, Tweed & Co., 109 Duane, New York
COMBAT storage batteries—Commercial Battery Co., 718 W. Jackson blvd, Chicago, Ill.
COMBER waterproof belting—Geo. Rahmann & Co., 31 Spruce, New York
COMBO waterproofing materials—Philip Carey Mfg. Co., 330 Wayne av, Cincinnati, O.
COMBS foundry riddles—Great Western Mfg. Co., Leavenworth, Kans.
COMBUSTO fuel economizers—Combusto Devices Corp., 250 W. 54th, New York.
COMET bare and insulated resistance wire—Electrical Alloy Co., Morristown, N. J.
COMET boiler gasket packing—Squires & Byrne Rubber Co., San Francisco, Cal.
COMET chain wrenches—Hilts Wrench & Mfg. Co., Richford, N. Y.
COMET feed cutters—Wilder Strong Implement Co., Monroe, Mich.
COMET gas igniters—Henricks Magneto & Electric Co., Indianapolis, Ind.

COMET ratchet wrenches—Chas. Miller, Syracuse, N. Y.
COMET safety fuse—du Pont de Nemours & Co., E. I., Wilmington, Del.
COMET spark plugs—Oakes & Dow Co., 15 Chardon, Boston, Mass.
COMET water heaters—Mustee Water Heater Co., 3409 Superior av, Cleveland, Ohio
COMET white metal—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
COMET SPECIAL safety fuse—du Pont de Nemours & Co., E. I., Wilmington, Del.
COMFORT buggy aprons—Vehicle Top & Supply Co., 3414 Lindell av, St. Louis, Mo.
COMFORT carriage robes—Auto Comfort Robe Co., Gloversville, N. Y.
COMFORT deadening felts—H. F. Watson Co., Erie, Pa.
COMFORT electric portable fans—Shedd Electric Co., Roselle, N. J.
COMFORT razors—S. R. Droescher, 79 Warren, New York
COMFORT rubber heels—Boston Woven Hose & Rubber Co., Cambridge, Mass.
COMFORT swings—Haggard & Marcusson Co., 1109 W. 37th, Chicago, Ill.
COMFORT water closets—Pierce, Butler & Pierce Mfg. Corp., 437 E. 162d, New York.
COMINS humidifying apparatus—American Moistening Co., 120 Franklin, Boston, Mass.
COMMANDER rubber belting—B. F. Goodrich Co., Akron, Ohio
COMMERCIAL annular ball bearings—Schatz Mfg. Co., Poughkeepsie, N. Y.
COMMERCIAL blotting paper—Jos. Parker & Son Co., New Haven, Conn.
COMMERCIAL fountain pen—Sanford & Bennett Co., 51 Maiden Lane, New York
COMMODORE cotton hose—Acme Rubber Mfg. Co., Trenton, N. J.
COMMON PROOF coil chains—Columbus McKinnon Chain Co., Columbus, O.
COMMON SENSE automobile bumpers—Hoover Spring Co., 617 Turk, San Francisco, Cal.
COMMON SENSE automobile wind shields—Sprague Umbrella Co., Norwalk, Ohio
COMMON SENSE bench stops—Bonney Vise & Tool Works, Allentown, Pa.
COMMON SENSE bob sleds—B. F. & H. L. Sweet Co., Fond du Lac, Wis.
COMMON SENSE boring tools—W. W. Blakely, Detroit, Mich.
COMMON SENSE carriage fasteners—Carr Fastener Co., Boston, Mass.
COMMON SENSE cattle stanchions—Olson Mfg. Co., Albert Lea, Minn.
COMMON SENSE dumping grates—Gibson Iron Works Co., 168 1st, Jersey City, N. J.
COMMON SENSE exhaust heads—Strandwitz & Scott, Camden, N. J.
COMMON SENSE floor scrapers—J. A. Kuster, Plymouth, Wis.
COMMON SENSE nail pullers—Warner Hammer Co., Cromwell, Conn.
COMMON SENSE oil & grease cups—Michigan Lubricator Co. Detroit, Mich.
COMMON SENSE paper clips—L. F. Grammes & Sons, Allentown, Pa.
COMMON SENSE screw plates—A. J. Polk & Son, Millersburg, Pa.
COMMON SENSE time switches—Kennedy-Webster Co., 536 S. Clark, Chicago, Ill.
COMMON SENSE tube scraper—Winfield H. Smith, Buffalo, N. Y.
COMMON SENSE window cleaners—F. H. Smith Mfg. Co., 3047 Carroll av, Chicago, Ill.
COMMONWEALTH farm trucks—Abingdon Wagon Co., Abingdon, Ill.
COMMONWEALTH lawn mowers—Worcester Lawn Mower Co., Worcester, Mass.
COMMUNICAL flax packing—General Asbestos Rubber Co., Charleston, S. C.
COMMUNITY silverware—Oneida Community (Ltd.), Oneida, N. Y.
COMO pipe wrenches—Mechanical Specialties Co., 122 S. Michigan av, Chicago, Ill.
COMOS brick paints—Durabla Mfg. Co., 114 Liberty New York
COMPACTO bench grinders—Luther Grinder Mfg. Co., 285 S. Water, Milwaukee, Wis.
COMPACT folding cots—Hard Mfg. Co., 117 Tonawanda, Buffalo, N. Y.
COMPETITION adjustable drag scrapers—Galion Iron Works & Mfg. Co., Galion, Ohio
COMPETITION enameled blotting paper—Wrenn Paper Co., Middletown, Ohio
COMPETITION pump governors—Geo. M. Davis Regulator Co., 422 Milwaukee av, Chicago, Ill.
COMPETITION rubber hose—Whitehead Bros. Rubber Co., Trenton N. J.
COMPETITOR babbitt metal—Lissberger Marks & Son, 281 Borden av, Long Island City, N. Y.
COMPLETE laundry starch—Corn Products Refining Co., 17 Battery pl, New York
COMPO board—Northwestern Compo Board Co., Minneapolis, Minn.
COMPO crayons and slate pencils—D. M. Stewart Mfg. Co., Chattanooga, Tenn.
COMPO marine paints—Amalgamated Paint Co., Pier 11 North River, New York.
COMPO-SLATE roofing & shingles—National Roofing Material Co., Edwardsville, Ill.
COMPOUND metal polish—Grady Mfg. Co., Bridge Plaza, Astoria, N. Y.
COMPROMISE rail step joints—Q. & C. Co., 90 West, New York
COMPTON button hole cutters—W. H. Compton Shear Co., 314 Camden, Newark, N. J.
COMRECO platinum rivets—Commercial Research Co., Tuckahoe, N. Y.
COMSTOCK air compressors—Geo. S. Comstock & Son, Mechanicsburg, Pa.
CONCORD carriage axles—Lee & Porter, Buchanan, Mich.
CONCORD kitchen enameled ware—Strong Mfg. Co., Sebring, Ohio
CONCORD pruning shears—Smith, Seymour & Son, Oakville, Conn.
CONCORD radiators—Union Radiator Co., Johnstown, Pa.
CONCREDO concrete paint—Murillo Paint Co., Binghamton, N. Y.
CONDAC shock absorbers—Duke Oak Lumber Co., Wellsville, N. Y.
CONDENSITE impregnating compound—Condensite Co. of America, Bloomfield, N. J.
CONDICT revolving screens—Steele & Condict, 74 Pearl, Jersey City, N. J.
CONDIT switches, circuit breakers, relays, testing clips & transformers—Condit Electrical Mfg. Co., 1st & L, Boston, Mass.
CONDOR belting—Manhattan Rubber Mfg. Co., Passaic, N. J.
CONDOR cement—Balfour, Guthrie & Co., San Francisco, Cal.
CONDULETS electric service fuse & junction boxes—Crouse-Hinds Co., Syracuse, N. Y.
CONDULETTO porcelain receptacles—Crouse-Hinds Co., Syracuse, N. Y.
CONEWAGO red rope roofing—Keystone Roofing Mfg. Co., York, Pa.
CONGO bagging—Atlantic Jute Mills, Norfolk, Va.
CONGO roofing, roofing cements & roofing paints—United Roofing & Mfg. Co., Morris bldg, Phila., Pa.
CONGO rubber hose, rubber packing—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio.
CONGO sheet packing—W. H. Salisbury & Co., 105 S. Wabash av, Chicago, Ill.
CONGOITE roofing paints—United Roofing & Mfg. Co., Morris bldg, Phila., Pa.
CONGOLEUM linoleum—United Roofing & Mfg. Co., Morris bldg, Phila., Pa.
CONGOXIDE roofing cements—United Roofing & Mfg. Co., Morris bldg, Phila., Pa.
CONGRESS belting—Boston Woven Hose & Rubber Co., Cambridge, Mass.
CONGRESS playing cards—U. S. Playing Card Co., Park av, Norwood, Cincinnati, Ohio
CONGRESS water closets—Jas. Barrett Mfg. Co., 117 Pearl, Boston, Mass.
CONGS plaster boards—United Roofing & Mfg. Co., Morris bldg, Phila., Pa.
CONKLIN'S fountain pens—Conklin Pen Mfg. Co., Toledo, Ohio
CON-KRE-KOLE brick paints—Nubian Paint & Varnish Co., 1856 Leclaire av, Chicago, Ill.
CONNEAUT shovels—Conneaut Shovel Co., Conneaut, Ohio
CONNEAUT wire bound boxes—Conneaut Can Co., Conneaut, Ohio
CONNECTICUT spark coils—Connecticut Telephone & Electric Co., Meriden, Conn.
CONNECTICUT white lime—Palmer Lime & Cement Co., 103 Park av, New York
CONNELLSVILLE coke—W. J. Rainey, 52 Vanderbilt av, New York
CONNELLSVILLE coke barrows—Connellsville Iron Works, Connellsville, Pa.
CONNELLY water tube boilers, open hearth, ladles, oil storage tanks—D. Connolly Boiler Co., Ivanhoe rd & N. Y. & St. L. R. R., Cleveland, O.

CONNERSVILLE vacuum cleaners—United Vacuum Appliance Co., Connersville, Ind.
CONN'S MOUNTAINEER neck yokes—A. H. Conn, Cedar Rapids, Ia.
CONOLLY loose leaf devices—Henry Conolly Co., Rochester, N. Y.
CONOVER automobile bumpers—Lovell-McConnell Mfg. Co., 194 Wright, Newark. N. J.
CONOY padlocks — Slaymaker Lock Co., Lancaster Pa.
CONQUEROR fire hose—Henry K. Barnes Co., 234 Devonshire, Boston, Mass.
CONQUEROR paint & varnish remover—W. P. Fuller & Co., San Francisco, Cal.
CONQUEROR rubber hose—Voorhees Rubber Mfg. Co., 18 Bostwick, Jersey City, N. J.
CONRAD'S shingle stains & waterproofing materials—American Mfg. Co., Minneapolis, Minn.
CONRADSON chucking machines—Giddings & Lewis Mfg. Co., Fond du Lac, Wis.
CONRADSON tool posts—Phoenix Mfg. Co., Eau Claire, Wis.
CONSAPICO safety pins—Consolidated Safety Pin Co., Bloomfield, N. J
CON-SER-TEX canvas roofing—Wm. L. Barrell Co., 8 Thomas, New York
CON-SER-VIT car roofing—Wm. L. Barrell Co., 8 Thomas, New York.
CONSERVO wood preservatives—Sam'l. Cabot (Inc.). 141 Milk, Boston, Mass.
CONSOL incandescent gas burners—Welsbach Co.. 1009 Filbert, Phila., Pa.
CONSOLCO sheet packing—Consolidated Packing & Supply Co., 21 Barclay, New York
CONSOLIDATED safety valves—Consolidated Safety Valve Co., 119 W. 40th. New York
CONSORT brass oil cups—Wm. Powell Co., Cincinnati, Ohio
CONSUL belting—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio
CONSULAR seal presses—Sigwalt Mfg. Co., 3658 Armitage, Chicago, Ill.
CONTEST rubber hose—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
CONTINENTAL arc lamps—Helios Mfg. Co., Bridesburg, Phila., Pa.
CONTINENTAL cement—Continental Portland Cement Co., Syndicate Trust bldg, St. Louis, Mo.
CONTINENTAL feed water purifiers—Frost Mfg. Co., Galesburg, Ill.
CONTINENTAL grain headers & seeder attachments—Massey-Harris Harvester Co., Batavia, N. Y.
CONTINENTAL lawn mowers—Supplee-Biddle Hardware Co., 510 Commerce, Phila., Pa.
CONTINENTAL lubricating oils & greases—Continental Oil Products Co., 4053 S. La Salle, Chicago, Ill.
CONTINENTAL packing—Colonial Supply Co., Pittsburgh, Pa.
CONTINENTAL packing—Continental Rubber Works, Erie, Pa.
CONTINENTAL packing—Wise & Bailey, 108 Walnut, Phila., Pa.
CONTINENTAL paste, glue, writing inks & labeling machines—Continental Mfg. Co., 330 N. 3rd, Phila., Pa.
CONTINENTAL steam fire engines—Ahrens-Fox Fire Engine Co., Cincinnati, Ohio
CONTINENTAL window screens—Continental Co., Detroit, Mich.
CONTINENTAL BAKLITE specialties—Continental Fibre Co., Newark Centre, Del.
CONTINENTAL-ERIE motorcycle grips—Continental Rubber Works, Erie, Pa.
CON-TRO-LA-TOR electric railway controller regulators—Lord Mfg. Co., 105 W 40th, New York
CONUS oil cups—James Anderson & Sons, Sidney, Ohio
CONUS oil cups—Buckeye Churn Co., Sidney, Ohio
CONVENTION packing & gum gaskets—Danubil Co., Inc., Postal Telegraph bldg, New York
CONVERSE rotary screens—Lansing Co., Lansing, Mich.
CONVOLT Tungsten lamps—Vacuum Glass Co., Lynn, Mass.
COOK electric protectors—Frank B. Cook Co., 326 W. Madison, Chicago, Ill.
COOK milling machines—Asa S. Cook Co., Hartford, Conn.
COOK-RITE aluminum hollow ware—Aluminum Ware Mfg. Co., Inc., Elmira, N. Y.
COOK levels—S. R. Jackson, Watertown, N. Y.
COOK tube cleaners—James A. Griffiths, 1317 Buttonwood, Phila., Pa.
COOKEASY steel ranges—Hale & Kilburn Co., 1800 Lehigh av, Phila., Pa.
COOK'S auger bits—C. E. Jennings & Co., 71 Murray, New York
COOK'S auger bits—Jas. Swan Co., Seymour, Conn.
COOK'S car ventilators—Vacuum Air Car Ventilating Co., 111 S. Jefferson, Chicago, Ill.
COOK'S evaporating pans—Southern Plow Co., Columbus, Ga.
COOK'S linoleum & cork carpets—Cook's Linoleum Co., Trenton, N. J.
COOK'S maple sugar evaporators—C. S. Bell Co., Hillsboro, Ohio
COOK'S metallic packing—C. Lee Cook Mfg. Co., Louisville, Ky.
COOK'S steel cattle guards—Cook Standard Tool Co., Kalamazoo, Mich.
COOK'S tube well strainers—August D. Cook, Lawrenceburg, Ind.
COOK'S wing dividers—I. W. Tolman, Worcester, Mass.
COOK'S wing dividers—Wm. Johnson, Newark, N. J.
COOKSON feed water heaters & purifiers—Bates Machine Co., Joliet, Ill.
COOKSON steam traps—D. T. Williams Valve Co., Cincinnati, Ohio
COOLEY cabinet creamers—Vermont Farm Machine Co., Bellows Falls, Vt.
COOLEY'S pump valves—Cooley Mfg. Co., 98 Park pl, New York
COON pipe joint cements—Hinds & Coon, 126 Pearl. Boston, Mass.
COOPER farm wagons—A. A. Cooper Wagon & Buggy Co., Dubuque, Ia.
COOPER hose menders—Cooper Hose Mender Co., Providence, R. I.
COOPER trace carriers—Frazer & Jones Co., Syracuse, N. Y.
COOPER oven thermometers—Cooper Oven Thermometer Co., Pequabuck, Conn.
COOPER refrigeration system—Cooper-Madison Co., Calcium, New York
COOPER trace carriers—North & Judd Mfg. Co., New Britain, Conn.
COOPER HEWITT mercury vapor lamps—Cooper Hewitt Electric Co., 8th & Grand, Hoboken, N. J.
COOPER-HEWITT rectifiers—Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.
COOSA cement—Coosa Portland Cement Co., Phila., Pa.
COPELAND'S dividers—I. W. Tolman, Worcester, Mass.
COPEMAN electric stoves—Copeman Electric Stove Co., Flint, Mich.
COPES boiler feed water regulators—Northern Equipment Co., Erie, Pa.
COPE'S conduit threading machines, wiring rods, & cable racks—T. J. Cope, 3246 N. 15th, Phila., Pa.
COPES feed water regulators & pump governors—Northern Equipment Co., Erie, Pa.
COPPER ALLOY babbitt metal—Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
COPPER HEAD spark plugs—Beckley-Ralston Co., 1801 S. Michigan av, Chicago, Ill.
COPPER patent metal wheels—Western Wheelbarrow Mfg. Co., South Fort Smith, Ark.
COPPER QUEEN belting—Bowers Rubber Works, San Francisco, Cal.
COPPERS' damper regulators—Coppers Equipment & Engineering Co., Worcester, Mass.
COPPERWELD, copperclaid steel wire—Page Steel & Wire Co., 30 Church, New York
COPPUS steam turbines & turbo blowers—Coppus Equipment & Engineering Co., Worcester, Mass.
CORA glass shades—Consolidated Lamp & Glass Co., Coraopolis, Pa.
CORBIN-BROWN speedometers—Corbin Screw Corp., New Britain, Conn.
CORBIN DUPLEX coaster brakes—Corbin Screw Corporation, New Britain, Conn.
CORCO fire pail tanks—Wheeling Corrugating Co., Wheeling, W. Va.
CORCORAN lead pipe couplings—Allyne Brass Foundry Co., Detroit, Mich.
CORDUROY bond paper—W. B. Oglesby Paper Co., Middletown, Ohio
CORE ore samplers—Denver Fire Clay Co., Denver, Colo.
COREOLEUM core compounds—James S. Bent, 117 First, South Boston, Mass.
COREY fire hydrants—Rensselaer Valve Co., Troy, N. Y.
CORKER cultivators—Racine-Sattley Co., Springfield, Ill.
CORKOLINE cork carpet—Scott & West Co., 9 E. 40th, New York
CORLISS belting—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
CORLISS cutting & drilling compounds, metal polish & wire rope coating—Corliss Mfg. & Supply Co., 1906 Olive, St. Louis, Mo.

CORLISS engine stops—Consolidated Engine Stop Co., 133 W. 19th, New York
CORMLEY & FILS embroidering machines—O. J. Alstrom, 711 Broadway, New York
CORN BELT corn & cob mills & feed grinding mills —Spartan Mfg. Co., Pontiac, Ill.
CORN BELT tractors—Corn Belt Tractor Co., 2701 University av S. E., Minneapolis, Minn.
CORNELL asphalt roofing—Driscoll Bros. & Co., Ithaca, N. Y.
CORNELL cocks & bibbs—Federal-Huber Co., 234 N. Halsted, Chicago, Ill.
CORNELL cotton hose—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
CORN KING corn planters—Avery Co., Peoria, Ill.
CORN KING grain graders—Martin Co., Sac City, Ia.
CORN QUEEN steel corn planters—Avery Co., Peoria, Ill.
CORONA carbon paper & typewriter ribbons—Corona Supply Co., Rochester, N. Y.
CORONA enameled roasters—American Stamping & Enameling Co., Bellaire, Ohio
CORONA packing—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
CORONA plumbago—Smith Facing & Supply Co., Carter rd, Cleveland, Ohia
CORONA DRY arsenate of lead—Corona Chemical Co., 213 Lake, Milwaukee, Wis.
CORONET aluminum hollow ware—Geo. Borgfeldt & Co., 16th & Irving pl, New York
CORPORAL garden house—Quaker City Rubber Co., 629 Market, Phila., Pa.
CORPORATION paints—National Roofing Co., Tonawanda, N. Y.
CORRECT tube cleaners—Michigan Lubricator Co., Detroit, Mich.
CORR-MESH fireproof partitions—Corrugated Bar Co., Mutual Life bldg, Buffalo, N. Y.
CORR-PLATE sanitary flooring—Corrugated Bar Co., Mutual Life bldg, Buffalo, N. Y.
CORSAIR engine lubricators—Wm. Powell Co., Cincinnati, Ohio
CORSAIR garden hose—Quaker City Rubber Co., 629 Market, Phila, Pa.
CORTLAND window screen wire cloth—Wickwire Bros., Cortland, N. Y.
CORTO hot water radiators—H. B. Smith Co., Westfield, Mass.
CORUNDUM brick paints—Adams & Elting Co., 726 Washington, Chicago, Ill.
CORYDON farm wagons—Keller Mfg. Co., Corydon, Ind.
COSMIC rust preventives—E. F. Houghton & Co., 240 W. Somerset, Phila., Pa.
COSMO time stamps—A. D. Joslin Mfg. Co., 223 W. Erie, Chicago, Ill.
COSMOLUBRIC lubricating oils & greases—E. F. Houghton & Co., 240 W. Somerset, Phila., Pa.
COSMOS egg & cream beaters—Novelty Mfg. Co., Waterbury, Conn.
COSMOS glass tile—Opalite Tile Co., Monaca, Pa.
COSMOS rust proof paints—Durabla Mfg. Co., 114 Liberty, New York
COSPER brake handles—Lord Electric Co., 105 W. 40th, New York
COSTA druggists' rubber goods—Myers Mfg. Co., Fremont, Ohio
COSTMETER cards, index & guide—Costmeter Co., Boston, Mass.
COSTMETER—Costmeter Company, 295 Franklin, Boston, Mass.
COSTON line throwing guns—Coston Signal Co., 24 Water, New York
COTENAMEL enameled & magnet wire—Belden Mfg. Co., 2316 S. Western av, Chicago, Ill.
COTTA-A-LAP burlap—Cotta-a-Lap Co., Somerville, N. J.
COTTAGE cinder shovels—Lalance & Grosjean Mfg. Co., 299 Broadway, New York
COTTAGE steam heaters—H. B. Smith Co., Westfield, Mass.
COTTAGE HOME hot air furnaces—Hood Furnace & Supply Co., Corning, N. Y.
COTTER'S engine valves—Handlan-Buck Mfg. Co., 14 W. 3rd, St. Louis, Mo.
COTTON fuse—du Pont de Nemours & Co., E. I., Wilmington, Del.
COTTON BLOOM cultivators—S. R. White's Sons, Norfolk, Va.
COTTONITE Magnet Wire—Acme Wire Co., New Haven, Conn.
COTTONDUCT flexible conduits—Short Elec. Mfg. Co., Penn Yan, N. Y.
COTTON KING cultivators—S. R. White's Sons, Norfolk, Va.
COTTON KING typewriter ribbons—Pen-Carbon Manifold Co., New Brunswick, N. J.
COTTON PRINCE cotton planters—Avery Co., Peoria, Ill.
COTTON PRINCESS cotton planters—Avery Co., Peoria, Ill.
COTTON WOOD stoves—Pittston Stove Co., Pittston, Pa.
COULTER nut tapping machines—Automatic Machine Co., Bridgeport, Conn.
COULTER-PAXTON railway track drills — Cerrar Adams & Co., 259 E. Erie, Chicago, Ill.
COUNTY seal presses—Sigwalt Mfg. Co., 3658 Armitage, Chicago, Ill.
COVERS goggles & eye protectors—H. S. Cover, South Bend, Ind.
COVERT fireplace dampers—H. W. Covert Co., 351 Lexington av, New York
COVERT'S jacks & harness snaps—Covert Mfg. Co., Troy, N. Y.
COVEY riding attachments—Walker Mfg. Co., Council Bluffs, Ia.
COVINGTON pig iron—Low Moor Iron Co., Low Moor, Va.
COWAN hose couplings—Elkhart Brass Mfg. Co., Elkhart, Ind.
COWBOY cement—Western States Portland Cement Co.
COW BOY tank heaters—Mills Mfg. Co., Mendota, Ill.
COW COMFORT cattle stanchions—Louden Machinery Co., Fairfield, Ia.
COWELL'S spring hinges—Barlow Foundry Co., 551 R. R. av, Newark, N. J.
COWEN air drill suction & rubber hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
COWLES milling cutters—Cowles Tool Co., 2086 W. 110th, Cleveland, O.
COX oxy-acetylene welding apparatus—Cox Brass Mfg. Co., Albany, N. Y.
COXE anthracite mechanical stokers—Combustion Engineering Corp., 11 Broadway, New York
CO-Z barrel cleats—Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
COZY electric toasters—Phelps Mfg. Co., Detroit, Mich.
CRACKER JACK belt dressing—Manufacturers' Belt Hook Co., 1321 W. Congress, Chicago, Ill.
CRACKER JACK nail hammers—Franklin Brass Foundry Co., Reading, Pa.
CRACKER JACK packing—H. Johnson Co., ft Gates av, Jersey City, N. J.
CRACKERJACKS stoves—Birmingham Stove & Range Co., Birmingham, Ala.
CRACKER JACK tank heaters—Hunt, Helm, Ferris & Co., Harvard, Ill.
CRACKER JACK wire straightening & cutting machines—Franklin Mfg. Co., New Haven, Conn.
CRACKPROOF rubber hose—Bowers Rubber Works, San Francisco, Cal.
CRADLE automobile trunk racks—Motor Car Supply Co., 1453 Michigan av, Chicago, Ill.
CRAFT adjustable wrenches—Craftsman Tool Co., Conneaut, Ohio
CRAIG automatic swing basin faucets—David Craig, 70 Broad, Boston, Mass.
CRAIG gas engines—White Mfg. Co., 556 W. 34th, New York
CRAIG steam heaters—Burley Heater Co., Tyrone, Pa.
CRAIG steam heaters—Williamsport Radiator Co., Williamsport, Pa.
CRAIN universal wood working machines—Buffalo Forge Co., Buffalo, N. Y.
CRAM pile drivers, hammers—A. F. Bartlett & Co., Saginaw, Mich.
CRAMER air cooling & purifying apparatus—Stuart W. Cramer, Charlotte, N. C.
CRAMP bronze metal bearings—Wm. Cramp & Sons, Ship & Engine Bldg. Co., Beach & Ball, Phila, Pa.
CRANBERRY pig iron — Cranberry Furnace Co., Johnson City, Tenn.
CRANDALL foundry cupolas—Detroit Foundry Supply Co., Detroit, Mich.
CRANE automobile wheel pullers—Crane Puller Co., Arlington, Mass.
CRANE engine driven tire pumps—Bay State Pump Co., 100 Purchase, Boston, Mass.
CRANE manicure sets—Max Klaas, 108 Fulton, New York
CRANE pipe joint cements—Crane Co., 836 S. Michigan av., Chicago, Ill.
CRANE razors—Max Klaas, 108 Fulton, New York
CRANE shears & scissors—Max Klaas, 108 Fulton, New York
CRANE typewriter paper—Eaton, Crane & Pike Co., Pittsfield, Mass.
CRANE'S toasters—Wm. M. Crane Co., 16 W. 32nd, New York

CRANITE packing—Crane Co., 836 S. Michigan av, Chicago, Ill.
CRANK padlocks—Slaymaker Lock Co., Lancaster, Pa.
CRANSON grain separators—Huntley Mfg. Co., Silver Creek, N. Y
CRARY'S rain water cut-offs—Conductor Fitting Co., Marietta, Ohio
CRATER hot air furnaces—Sprague Foundry & Mfg. Co., Council Bluffs, Ia.
CRAVEN ore concentrators—Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
CRAVENETTE front brick—Standard Brick Co., Macon, Ga.
CRAVENETTE mackintoshes, rain coats—Stoughton Rubber Co., 130 Essex, Boston, Mass.
CRAVER concrete reinforcing materials—Hunkins-Willis Lime & Cement Co., Century bldg, St. Louis, Mo.
CRAWFORD combination pipe vises—Joseph H. Young Co., 82 High, Boston, Mass.
CRAWFORD curd extractors—Empire Laundry Machinery Co., 352 Western av, Boston, Mass.
CRAWFORD enameling ovens & fuel gas burners—Oven Equipment & Mfg. Co., New Haven, Conn.
CRAWFORD gas governors & pressure regulators—Equitable Meter Co., 439 Water, Pittsburgh, Pa.
CRAWFORD gas ranges, hot air furnaces, steam & hot water heaters—Walker & Pratt Mfg. Co., 33 Union, Boston, Mass.
CRAWFORD lathe—Jos. Crawford, Jr., Co., Erie, Pa.
CRAY horse shoes—Cray Bros., 1111 W. 11th, Cleveland, Ohio
CRAYOGRAPH crayons—American Crayon Co., 1300 Hayes av, Sandusky, O., & Waltham, Mass.
CRAYONAST crayons—American Crayon Co., 1300 Hayes av, Sandusky, O., & Waltham, Mass.
CREAGHEAD trolley line materials—Creaghead Engineering Co., 340 Main, Cincinnati, Ohio
CREAM CITY accident preventers for machinery, ash & garbage cans, electric welding machines, oil cans, sink strainers—Geuder, Paeschke & Frey Co., Milwaukee, Wis.
CREAMERY PACKAGE ammonia compressors & refrigerating machines—Creamery Package Mfg. Co., 61 W. Kinzie, Chicago, Ill.
CREASE[illegible] peanut threshers—Cardwell Mach. Co., 1900 E. Cary, Richmond, Va.
CRECO brake beams, brake jaws, brake slack adjusters, journal boxes, side bearings—Chicago Railway Equipment Co., 1928 W. 46th, Chicago, Ill
CREEPING GRIP gasoline traction engines—Bullock Tractor Co., Chicago, Ill.
CREMONE window spring bolts—Stanley Works, New Britain, Conn.
CREO-DIPT stained shingles—Standard Stained Shingle Co., North Tonawanda, N. Y.
CREOFECTANT disinfectants—Standard Chemical Co., Houston, Tex.
CREOLA sheep dips—Van Tilberg Oil Co., 2424 University av S. E., Minneapolis, Minn.
CREOLE marble—Georgia Marble Co., Tate, Ga.
CREOLE packing—Pennsylvania Rubber Co., Jeannette, Pa.
CREOLEUM disinfectants—H. C. Dusenberry (Inc.), 95 Gold, New York
CREOLITE teredo-proof paints—Arlington Mfg. Co., Canton, Ohio
CREO-RESINATE wood paving blocks—United States Wood Preserving Co., 165 Broadway, New York
CREOSANTHOL disinfectants—Brewer & Co., Worcester, Mass.
CREOSEPTINE wood preservatives—American Mfg. Co., Minneapolis, Minn.
CREPACO creamery testers—Creamery Package Co., 61 W. Kinzie, Chicago, Ill.
CRESCENDO electric bells—Manhattan Electrical Supply Co., 17 Park pl, New York
CRESCENT acetylene gas burners—Crescent Burner Mfg. Co., 116 E. 27th, New York
CRESCENT automatic float valves—Phelps Bros. Co., 101 Beekman, New York
CRESCENT babbitt metal—More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.
CRESCENT ball cocks & galvanized iron range boilers—Cahill, Swift Mfg. Co., 20 S. 12th, St. Louis, Mo.
CRESCENT basin clamps—Haines, Jones & Cadbury Co., 1130 Ridge av, Phila., Pa.
CRESCENT basin clamps—Trenton Brass & Machine Co., Trenton, N. J.
CRESCENT belt fasteners—Crescent Belt Fastener Co., 381 4th av, New York
CRESCENT belt knives—American Tool & Machine Co., 10 High, Boston, Mass.
CRESCENT belt lacing—Graton & Knight Mfg. Co., Worcester, Mass.
CRESCENT boat anchors & bilge pumps—Chas. D. Durkee & Co., 2 South, New York
CRESCENT brazing solder—North American Smelting Co., 9th & Thompson, Phila., Pa.
CRESCENT can openers—Browne & Dowd Mfg. Co., Meriden, Conn.
CRESCENT cement—Crescent Portland Cement Co., Wampum, Pa.
CRESCENT chemical thermometers & oven thermometers—Schaeffer & Budenberg Mfg. Co., Berry & S. 5th, Brooklyn, N. Y.
CRESCENT closet seats—C. F. Church Mfg. Co., Holyoke, Mass.
CRESCENT coat & hat hooks—E. Jencks Mfg. Co., Worcester, Mass.
CRESCENT coffee mills—Crescent Mfg. Co., Louisville, Ky.
CRESCENT concrete mixers—Raber & Lang Mfg. Co., Kendallville, Ind.
CRESCENT concrete rollers—Crescent Novelty Mfg. Co., 703 S. Broadway, St. Louis, Mo.
CRESCENT cork insulation—United Cork Cos., 50 Church, New York
CRESCENT corn planting drills—Racine-Sattley Co., Springfield, Ill.
CRESCENT dish washing machines—Bromley Merseles Mfg. Co., 837 Larrabee, Chicago, Ill.
CRESCENT door hangers—Richey, Browne & Donald, Flushing av, Maspeth, N. Y.
CRESCENT electric bells—Manhattan Electrical Supply Co., 17 Park pl, New York
CRESCENT electric ceiling fans—National Electric Supply Co., 1330 N. Y. av, Washington, D. C.
CRESCENT emery wheel dressers—Curtin-Hebert Co., Gloversville, N. Y.
CRESCENT expansion bolts—Es.. of F. H. Evens, 31 Hewes, Brooklyn, N. Y.
CRESCENT farm wagons—Mandt Wagon Co., Stoughton, Wis.
CRESCENT feed carriers—Jos. Dick Mfg. Co., Canton, Ohio
CRESCENT fountain sprinkler—L. R. Nelson, Peoria, Ill.
CRESCENT fuel oil engines—Sam'l L. Moore & Sons, Elizabeth, N. J.
CRESCENT ground cross-cut saws—Simonds Mfg. Co., Fitchburg, Mass.
CRESCENT hoes—American Fork & Hoe Co., Cleveland, Ohio.
CRESCENT hose reels—Cardington Cabinet Co., Cardington, Ohio
CRESCENT incandescent lamp coloring—McGill Mfg. Co., Valparaiso, Ind.
CRESCENT incubators & brooders—Des Moines Incubator Co., Des Moines, Ia.
CRESCENT insulating compounds—McGill Mfg. Co., Valparaiso, Ind.
CRESCENT ironing boards—Chicago Curtain Stretcher Co., 3725 Wall, Chicago, Ill.
CRESCENT lamp glass chimneys—Macbeth-Evans Glass Co., Pittsburgh, Pa.
CRESCENT lamp guards—McGill Mfg. Co., Valparaiso, Ind.
CRESCENT lubricators—American Lubricator Co., Detroit, Mich.
CRESCENT lubricators & valves—Wm. Powell Co., Cincinnati, Ohio.
CRESCENT lug straps—E. H. Jacob Mfg. Co., Danielson, Conn.
CRESCENT metal lath, open hearth steel sheets & oil cans—Whitaker-Glessner Co., Wheeling, W. Va.
CRESCENT metal polish—Colgan Mfg. & Supply Co., 118 Maiden la, New York
CRESCENT metals—North American Smelting Co., 9th & Thompson, Phila., Pa.
CRESCENT molds for drain tile—Raber & Lang Mfg. Co., Kendallville, Ind.
CRESCENT packing—Greene, Tweed & Co., 109 Duane, New York
CRESCENT patternmakers' fillet—Wellman Pattern Supply Co., Cleveland, Ohio
CRESCENT paving tools—Crescent Novelty Mfg. Co., 703 S. Broadway, St. Louis, Mo.
CRESCENT phosphor bronze, phosphor copper & phosphor tin—Crescent Phosphorized Metal Co., 2314 Wood, Phila., Pa.
CRESCENT polishing machines & tool grinders—J. C. Born & Bro., Belleville, Ill.
CRESCENT propeller wheels—Duluth Gas Engine Works, Duluth, Minn.
CRESCENT ring lawn sprinklers—Central Brass & Stamping Co., Peoria, Ill.
CRESCENT sad irons—Loetscher-Ryan Mfg. Co., Dubuque, Ia.
CRESCENT safety fuse—du Pont de Nemours & Co., E. I., Wilmington, Del.

CRESCENT saw sharpeners—Riverside Machine Works, Kokomo, Ind.
CRESCENT shade cloth—Columbia Mills, Inc., 225 5th av, New York
CRESCENT sheet packing—Boston Belting Corp., 84 Linden Park, Boston, Mass.
CRESCENT soldering flux—McGill Mfg. Co., 77 Oak, Valparaiso, Ind.
CRESCENT steam heaters—Gibby Foundry Co., 96 Condor, E. B., Boston, Mass.
CRESCENT steam meters, steam traps & expansion joints, telephone meters or registers—W. H. Pearce & Co., 333 S. Dearborn, Chicago, Ill.
CRESCENT stove pipe & elbows—Jackes-Evans Mfg. Co., Main & Tyler, St. Louis, Mo.
CRESCENT time switches—McGill Mfg. Co., Valparaiso, Ind.
CRESCENT toggle bolts—McGill Mfg. Co., Valparaiso, Ind.
CRESCENT ventilators — Friedley-Voshardt Co. (Inc.), 733 S. Halsted, Chicago, Ill.
CRESCENT welding compounds—Anti-Borax Compound Co., Fort Wayne, Ind.
CRESCENT wire rope cables & accessories—Geo. C. Moon Co., Garwood, N. J.
CRESCENT wrenches, pliers & nippers — Crescent Tool Co., 200 Harrison, Jamestown, N. Y.
CRESCENT COLONEL golf balls—St. Mungo Mfg. Co., 121 Sylvan, Newark, N. J.
CRESCENT X X buffing compositions—S. A. Day Mfg. Co., 1485 Niagara, Buffalo, N. Y.
CRESONOL disinfectants—Brewer & Co., Worcester, Mass.
CREASEY ice breakers — Harrison Safety Boiler Works, 3147 N. 17th, Phila., Pa.
CREST disinfectants — Crest Chemical Co., Seattle, Wash.
CREST Light crayons—Standard Crayon Mfg. Co., Danvers, Mass.
CRESTLAWN lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.
CRESTLINE barrel spray pumps, hydraulic rams—Crestline Mfg. Co., Crestline, Ohio
CRESY-POLE sheep dips—Peerless Stock Powder Co., Falls City, Nebr.
CREX grass matting—Crex Carpet Co., 1134 Broadway, New York
CRICKET scroll saws—Millers Falls Co., 28 Warren, New York
CRIMSON sulphuret of antimony—Harshaw, Fuller & Goodwin Co., Electric bldg, Cleveland, Ohio
CRIPPS steam heaters—W. A. Birdsall & Co., 44 Mechanic, Newark, N. J.
CRISS-CROSS tube cleaners & gun cleaner tools—Worcester Brush & Scraper Co., Worcester, Mass.
CRITCHLEY IMPROVED expansion reamers—Cutter & Wood Supply Co., 68 Pearl, Boston, Mass.
CRITCHLEY'S card clothing—Leigh & Butler, 232 Summer, Boston, Mass.
CRITCHLEY'S expansion reamers—Chadwick & Trefethen, Portsmouth, N. H.
CRITERION belting—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
CRITERION rubber bottles—Tyer Rubber Co., Andover, Mass.
CRITICS farriers' hammers—Champion Tool Co., Meadville, Pa.
CROCODILE pipe wrenches—Bonney Vise & Tool Works, Allentown, Pa.
CROFTSTEIN metal polish—H. W. Mills & Co., Paterson, N. J.
CRONE fuel gas burners—Crone F. G., 334 Genesee, Buffalo, N. Y.
CRONE valve resisting tools—Rub-On-Mfg. Co., 216 Niagara, Buffalo, N. Y.
CRONK'S pliers, cultivator hoes, garden rakes—Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y.
CROPP concrete mixers—A. J. Cropp & Co., 1721 W. Grand av, Chicago, Ill.
CROSBY calorimeters, clocks, cocks, gauges, engine indicators, test pumps, valves, whistles, etc.—Crosby Steam Gage & Valve Co., 40 Central, Boston, Mass.
CROSBY guy clamps & wire rope clips—American Hoist & Derrick Co., St. Paul, Minn.
CROSBY wire rope clips—Wilcox, Crittenden Co., Middletown, Conn.
CROSBY wire rope clips—Wright Wire Co., Worcester, Mass.
CROSS elevator doors—Variety Mfg. Co., 2958 Carroll av, Chicago, Ill.
CROSS insulated staples—Jas. Goldmark Co., 81 Warren, New York
CROSS oil filters—Burt Mfg. Co., 40 Main, Akron Ohio
CROSS CUT toilet paper holders—A. P. W. Paper Co., Albany, N. Y.
CROTHER'S plow coulters—Sparta Plow Works Sparta, Ill.
CROW sheet packing—G. W. Knowlton Rubber Co., 60 Pearl, Boston, Mass.
CROWDER automatic fire sprinklers—U. S. Automatic Sprinkler Co., 1392 Lexington av, New York
CROWE shoe nailing machines—Specialty Shoe Mach'y Co., St. Joseph, Mo.
CROWELL blowers, air compressors, vacuum pumps—Crowell Mfg. Co., 296-298 Taaffe pl, Brooklyn, N. Y.
CROWELL insulating tape—Carter, Rice & Co., 246 Devonshire, Boston, Mass
CROWN anvils—Stauffer, Eshleman & Co., New Orleans, La.
CROWN asbestos cements & roofing paints—W. H. Colebrook's Sons, Syracuse, N. Y.
CROWN belt lacing—Henry K. Barnes Co., 234 Devonshire av, Boston, Mass.
CROWN belting & belt dressing—Page Belting Co., Concord, N. H.
CROWN boat oars—Aymer De Grauw & Co., 34 South, New York
CROWN BONE CUTTER—Wilson Bros., Easton, Pa.
CROWN brass rivets & tire air pumps—Bridgeport Brass Co., Bridgeport, Conn.
CROWN cake turners, stove lid lifters, potato mashers—Hamblin & Russell Mfg. Co., Worcester, Mass.
CROWN canvas stitched belting—Peerless Rubber Mfg. Co., 31 Warren, New York
CROWN carbon paper & typewriter ribbons—Crown Ribbon & Carbon Mfg. Co., Rochester, N. Y.
CROWN chair seats—Blair Veneer Co., North Troy, Vt.
CROWN Christmas tree holders, ice chippers, ice cream freezers, fluting machines—North Bros. Mfg. Co., Lehigh av & American, Phila, Pa.
CROWN coffee mills, faucet filters, lawn sprinklers, lemon squeezers, raisin seeders—Landers, Frary & Clark, New Britain, Conn.
CROWN concrete barrows—American Steel Scraper Co., Sidney, Ohio
CROWN electric toasters—R. M. Millar Electric Works, 9 S. Clinton, Chicago, Ill.
CROWN emery wheel dressers, tool grinders, saw gummers, & saw sharpeners—Clizbe Bros. Mfg. Co., Plymouth, Ind.
CROWN English glue—American Glue Co., 121 Beverly, Boston, Mass.
CROWN force pumps—Blymyer Iron Works Co., Spring Grove av & Terrace pl, Cincinnati, Ohio
CROWN hammock—Weston & Wells Mfg. Co., 10th & Diamond, Phila., Pa.
CROWN hand vacuum cleaners—Gray Iron Foundry Co., Reading, Pa.
CROWN harness snaps—Covert Saddlery Works, Interlaken, N. Y.
CROWN harness tools, shoemakers' tools, tanners' tongs, tanners' tools—Wm. H. Horn & Bros., 431 N. 3rd, Phila., Pa.
CROWN horse nails—Fowler Nail Co., Seymour, Conn.
CROWN hot air furnaces — March-Brownback Stove Co., Pottstown, Pa.
CROWN JEWEL cotton batting—Rock River Cotton Co., Janesville, Wis.
CROWN log loading hooks—Clyde Iron Works, Duluth, Minn.
CROWN metals—North American Smelting Co., 9th & Thompson, Phila., Pa.
CROWN motor cycles—Great Western Mfg. Co., La Porte, Ind.
CROWN nail pullers—Snow & Petrelli Mfg. Co., New Haven, Conn.
CROWN oil cups, lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
CROWN packing—Strong Machinery & Supply Co., 21 Walker, New York
CROWN belting, packing & hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
CROWN paint & varnish remover—Bradley & Vrooman Co., 2632 S. Dearborn, Chicago, Ill.
CROWN pipe cutter wheels, pipe cutters, pipe vises, solid dies & stocks & dies—Crown Die & Tool Co., 5553 W. Monroe, Chicago, Ill.
CROWN pneumatic hammers & sand rammers—Ingersoll-Rand Co., 11 Broadway, New York
CROWN pneumatic tires—Great Eastern Rubber Co., Allentown, Pa.
CROWN pump rods—Bridgeport Brass Co., Bridgeport, Conn.
CROWN push buttons, telephones & apparatus—Bridgeport Elect. Products Co., Bridgeport, Conn.
CROWN rail bonds—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
CROWN recording pressure gauges—Jones Gauge Co., Boston, Mass.
CROWN sanitary flooring—Robt. A. Keasbey Co., 100 N. Moore, New York

CROWN shoe blacking & polishes—Frank Miller Co., 349 W. 26th, New York
CROWN soap powder—Hunnewell Soap Co., 312 Genesee, Cincinnati, Ohio
CROWN stoves—King Stove & Range Co., Sheffield, Ala.
CROWN switch stands—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.
CROWN TOP corn poppers—Gier Pressed Steel Co., Lansing, Mich.
CROWN upholsterers' tacks—G. G. Roberts, Whitman, Mass.
CROWN ventilators—Crown Ventilator Co., Milwaukee, Wis.
CROWN well buckets—Richmond Cedar Works, Richmond, Va.
CROWN woven wire fences—Interlocking Fence Co., Morton, Ill.
CROZER pig iron—Va. Iron, Coal & Coke Co., Roanoke, Va.
CRUMBIE pipe tongs—Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
CRUMBLE tong bits—Chas. N. Hough Mfg. Co., Franklin, Pa.
CRUM'S poultry fountains—Franklin Galvanized Ware Mfg. Co., Franklin, Ind.
CRUSADER fly traps—Burgess-Norton Mfg. Co., Geneva, Ill.
CRUSOE chemical engine hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
CRYER vacuum heating—Cryer Return Line System Co., 18 E. 41st, New York
CRYSOLITE paints for coating—Semet-Solvay Co., Syracuse, N. Y.
CRYSTAL carbon paper & typewriter ribbons—J. A. Heale & Co., 96 John, New York
CRYSTAL coffee mills—Arcade Mfg. Co., Freeport, Ill.
CRYSTAL ice cream freezers—Cardington Cabinet Co., Cardington, Ohio
CRYSTAL insulating varnishes—Chicago Mica Co., Valparaiso, Ind.
CRYSTAL ROCK wood fibre plaster—American Cement Plaster Co., Lawrence, Kan.
CRYSTAL STREAM sanitary drinking fountains—J. L. Mott Iron Works, Trenton, N. J.
CRYSTALLIZED oil—Arthur B. Edmands Co., Pawtucket, R. I.
CRYSTOX abrasive discs—Chas. H. Besly & Co., 120 N. Clinton, Chicago, Ill.
CUB gasoline traction engines—Wallis Tractor Co., Racine, Wis.
CUB road scrapers—drag—Kilbourne & Jacobs Mfg. Co., Columbus, Ohio
CUBANEL asphalt & asphalt fillers—International Asphalt Co., 133 W. Washington, Chicago, Ill.
CUCKOO church bells—Mossberg, Frank Co., Attleboro, Mass.
CULVER hot air furnaces—M. A. Green & Co., Bridgeport, Conn.
CUMMING'S feed cutters—Ann Arbor Machine Co., Ann Arbor, Mich.
CUMMINGS concrete reinforcing materials—Electric Welding Co., Benedum Trees bldg, Pittsburgh, Pa.
CUMMINGS engine logs—Cummings Ship Instrument Works, 110 High, Boston, Mass.
CUMMINGS handcuffs and twisters—Geo. D. Barnard & Co., 311 Olive, St. Louis, Mo.
CUMMINGS hay presses—Southern Plow Co., Columbus, Ga.
CUNNINGHAM coating paints—Maryland Steel Co., Morris bldg, Phila., Pa.
CUNNINGHAM saw vises & rift flooring machines—Filer & Stowell Co., Milwaukee, Wis.
CUPID sight feed lubricators—Lukenheimer Co., Beekman & Waverly, Cincinnati, Ohio
CUPPLES steam shovel teeth—Cupples Adjustable Tooth Co., Tyrone, Pa.
CURBO safety razors—Unsinger Razor Blade Co., Fremont, Ohio
CURFEW padlocks—Slaymaker Lock Co., Lancaster, Pa.
CURI-CURL embossed blotting paper—Standard Paper Mfg. Co., Hull & Canal, Richmond, Va.
CURRY automobile belts, polishing belts, fabric harness—J. W. Curry Co., 2615 Cummins, Cincinnati, Ohio
CURRY bay tyers—J. P. Curry Mfg. Co., 280 Madison av, New York
CURTAIN ball cocks—Appleton Brass Co., 3 Appleton, Boston, Mass.
CURTIS damper regulators, steam & water pressure regulators, steam separators, steam traps, thermostats—Julian d'Este Co., 24 Canal, Boston, Mass.
CURTIS horse collar pads—Curtis-Dexter Co., Madison, Wis.
CURTIS invalid chairs—Ford Johnson Co., 900 S. Michigan av, Chicago, Ill.
CURTIS locomotive sanders—United States Metallic Packing Co., 423 N. 13th, Phila., Pa.
CURTIS log jackers, pneumatic cranes, hose couplings, saw arbors—Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
CURTIS rotary pumps & presses—Pittsburgh Machine Tool Co., Corey, Pittsburgh, Pa.
CURTIS steam turbines—Fore River Shipbuilding Corp., Quincy, Mass.
CURTIS steam turbines—General Electric Co., Schenectady, N. Y
CUSHING stage & receptacle plugs—Condit Electrical Mfg. Co., 1st & L, Boston, Mass.
CUSHMAN electric motors, countershafts, transformers, variable speed motors—Cushman Electric Co., Concord, N. H.
CUSTER hand power punch & shear combined—W. F. Custer & Sons, Summitville, Ind.
CUSTER ratchet wrenches—Custer Coupling Co., Bradford, Pa.
CUT EASY corn hooks—American Fork & Hoe Co., Cleveland, Ohio
CUT FINE alfalfa cutters—Silver Mfg. Co., Salem, Ohio
CUTE stoves—Pittston Stove Co., Pittston, Pa.
CUTLER lavatories & fittings—James Barrett Mfg. Co., 117 Pearl, Boston, Mass.
CUTLER'S steel stamps—Gowanda Agricultural Works, Gowanda, N. Y.
CUT-ME-OFF plumbrs' rubber elbows—Glauber Brass Mfg. Co., 49th & Superior av, Cleveland, Ohio
CUTTER'S arc lamp pulleys, insulators, mast arms—Geo. Cutter Co., Notre Dame & Division, South Bend, Ind.
CUTTYHUNK fish line—Ashaway Line & Twine Mfg. Co., Ashaway, R. I.
CYCLE belting—B. F. Goodrich Co., Akron, O.
CYCLE flour sieves—National Mfg. Co., Worcester, Mass
CYCLE grindstones—Richards-Wilcox Mfg. Co., Aurora, Ill
CYCLO paint & whitewash spraying machines—Muralo Company, Rich. Ter. New Brighton, Borough of Richmond, N. Y.
CYCLONE blow-off valves—Wm. Powell Co., Cincinnati, Ohio
CYCLONE boiler flue & tube cleaners—Elliott Co., Pittsburgh, Pa.
CYCLONE boiler flue & tube cleaners—Liberty Mfg. Co., Pittsburgh, Pa.
CYCLONE bottle stoppers—Bernardin Bottle Cap Co., Evansville, Ind.
CYCLONE carbonizers—Phila. Textile Machinery Co., Hancock cor. Somerset, Phila., Pa.
CYCLONE carpet beaters—A. H. Conn, Cedar Rapids, Ia.
CYCLONE chain hoists—Chisholm-Moore Mfg. Co., 5046 Lakeside, Cleeland, Ohio
CYCLONE clod crushers—Ohio Cultivator Co., Bellevue, Ohio
CYCLONE cloth dryers & yarn dryers—Phila. Textile Mach. Co., Hancock & Somerset, Phila., Pa.
CYCLONE corn hooks—Wallingford Mfg. Co., Wallingford, Vt.
CYCLONE corn & cob mills—Appleton Mfg. Co., Batavia, Ill.
CYCLONE door hangers—Lawrence Bros., Sterling, Ill.
CYCLONE egg & cream beaters—W. G. Browne Mfg. Co., Kingston, N. Y.
CYCLONE electric disc fans—American Blower Co., 1412 Russell, Detroit, Mich.
CYCLONE electric drink mixers, fans & shoe dryers—Hamilton Beach Mfg. Co., Racine, Wis.
CYCLONE exhaust heads—Wright Mfg. Co., Detroit, Mich.
CYCLONE grain separators & smut treaders—Fosston Mfg. Co., St. Paul, Minn.
CYCLONE insect guns—Thos. W. Houchin Co., 36 E. 12th, New York
CYCLONE lubricating oils & greases—Tropical Paint & Oil Co., W. 70th, Cleveland, Ohio
CYCLONE lubricators—Michigan Lubricator Co., Detroit, Mich.
CYCLONE mechanical dust collectors—Cyclone Blow Pipe Co., 2552 W. 21st, Chicago, Ill.
CYCLONE mechanical dust collectors—Dixie Mfg. Co., Stockholm & Russell, Baltimore, Md.
CYCLONE mechanical dust collectors—Knickerbocker Co., Jackson, Mich.
CYCLONE rat traps—Lovell Mfg. Co., Erie, Pa.
CYCLONE roller & pulverizer combined—Duisdieker Foundry & Mfg. Co., Pekin, Ill.
CYCLONE seed sowers—Whitman Agricultural Works Co., 7000 S. Broadway, St. Louis, Mo.

CYCLONE seeders & sowers—Cyclone Seeder Co., Urbana, Ind.
CYCLONE seeders & sowers—Peoria Drill & Seeder Co., Peoria, Ill.
CYCLONE shaking grates—Cyclone Grate Bar Co., 9 Grimes, Buffalo, N. Y.
CYCLONE silo fillers—Ironwood Mfg. Co., Bellefontaine, Ohio
CYCLONE spray pumps & tire air pumps—Judd & Leland Mfg. Co., Clifton Springs, N. Y.
CYCLONE spring shellers—Marseilles Co., E. Moline, Ill.
CYCLONE stalk cutters—B. F. Avery & Sons, Louisville, Ky.
CYCLONE steam flue cleaners—Crescent Brass Mfg. Co., Cleveland, Ohio
CYCLONE steam flue cleaners—Liberty Mfg. Co., Pittsburgh, Pa.
CYCLONE tile ditching machines—Jeschke Mfg. Co., Bellevue, Ohio
CYCLONE tool emery grinders—Duisdieker Foundry & Mfg. Co., Pekin, Ill.
CYCLONE tool emery grinders—Richards-Wilcox Mfg. Co., Aurora, Ill.
CYCLONE vacuum cleaners—Clycone Mfg. Co., Bradford, Pa.
CYCLONE water closet ventilators—Sanitary Appliance Co., Neenah, Wis.
CYCLONE woven wire fences, wire stretchers, fence ratchets & farm gates—Cyclone Fence Co., Waukegan, Ill.
CYCLONE JR. contractors' plows—Jeschke Mfg. Co., Bellevue, Ohio
CYGNET automobile horns & phonograph horns—Standard Metal Mfg. Co., 237 Chestnut, Newark, N. J.
CYKO photographic paper—Ansco Co., Binghamton, N. Y.
CYNIO gas & gasoline hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
CYPRUS babbitt metal—Brady Brass Co., 170 14th, Jersey City, N. J.
CZAR drill chucks—Union Mfg. Co., New Britain, Conn.
CZAR spark plugs—Czar Ignition Co., 531 Ellicott, Buffalo, N Y
CZARINA stoves—Fox Furnace Co., Elyria, Ohio

D. cotton twine—Estes Mills, Fall River, Mass.
D wood handles—Dayton D Handle Co., Dayton, Ohio
D wood handles—T. J. Ely Mfg. Co., Erie, Pa.
D. B. ash dumps, brick carriers, clamps, chimney cowls, coal chutes, fireplace dampers, etc., joist anchor & timber caps, kitchen sinks, & sewer pipe strainers—Donley Bros. Co., 3625 E. 74th, Cleveland, O.
D. B. G. crane chains—Bradlee & Co., 726 Richmond, Phila., Pa.
D. B. M. pipe locators—Modern Iron Works, Quincy, Ill.
D. C. bath fittings—D. C. Mfg. Co., Canton, Ohio
D-C flushing valves—Dececo Co., 157 High, Boston, Mass.
D. H. GRAY EGYPTIAN fibre—Delaware Hard Fibre Co., Wilmington, Del., Works, Marshallton, Del.
D. H. R. brick paints—Denny Hilborn & Rosenbach, 230 N. 12th, Phila., Pa.
D. R. BARTON picks, mattocks, grub hoe tools, etc.—Mack & Co., Rochester, N. Y.
D. R. P. brick paints—M. Feigel & Bro., 185 Wooster, New York
D. S. lock-nuts & washers—Dieter Nut Co., 374 Madison av, New York
D. V. seamless candy & paper pails—Dunning-Varney Corp, 99 Warren, New York
D. V. wagon skeins—American Skein & Foundry Co., Racine, Wis.
D. V. & Co. wagon skeins—Illinois Iron & Bolt Co., Carpentersville, Ill.
D-X bridle rings & insulated hooks—Diamond Expansion Bolt Co., 89 West, New York
D. & A. concrete molds—D. & A. Post Mould Co., Three Rivers, Mich.
D. & B. electric squibs—Hercules Powder Co., Wilmington, Del.
D. & B. miners' squibs—du Pont de Nemours & Co., E. I., Wilmington, Del.
D. & B. miners' squibs—Hercules Powder Co., Wilmington, Del.
D. & B. wringers—Dobbins Mfg. Co., 127 1st, Minneapolis, Minn.
D. & L. draft gauges—Chas. J. Tagliabue Mfg. Co., 18 33rd, Brooklyn, N. Y.
D. & L. stuffing boxes—Union Machine Co., 183 University av, St. Paul, Minn.
D. & T. hot water heating systems—D. & T. Mfg. Co., 1911 Pine, St. Louis, Mo.
D. & W. enclosed fuses—D. & W. Fuse Co., Hathaway, Providence, R. I.
DACK hot water heaters, pipe hangers—Hayes Pump & Planter Co., Calva, Ill.
DACRO milk bottle caps—Crown Cork & Seal Co., 1511 Guilford av, Baltimore, Md.
DAD pipe hangers—D. A. Donovan, Auburn, N. Y.
DADDOW & BEADLES miners' squibs—Miners' Supply Co., St. Clair, Schuylkill Co., Pa.
DAGGETT'S cast iron culverts—Jos. F. Rothe Foundry Co., Green Bay, Wis.
DAHL fuel oil burners—Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
DAHL-MO-STAT heat regulators—Dahl Mfg. Co., Minneapolis, Minn.
DAHLSTROM fire proof doors, steel trim, steel partitions—Dahlstrom Metallic Door Co., 35 Blackstone av, Jamestown, N. Y.
DAIDY feed cutters—J. W. Conner & Son, Orangeville, Pa.
DAILY sickel grinders—Clizbe Bros. Mfg. Co., Plymouth, Ind.
DAINS hay loaders & lawn swings—Dain Mfg. Co., Ottumwa, Ia.
DAINTY cap remover handle—Stephens, Windsor & Co., Waltham, Mass.
DAINTY shirtwaist irons—Gray Iron Foundry Co., Reading, Pa.
DAIRY QUEEN cream separators—Dairy Cream Separator Co., Lebanon, Ind.
DAIRY QUEEN milk can brushes—Standard Brush Co. New Hartford, Conn.
DAISY air rifles—Daisy Mfg. Co., Plymouth, Mich.
DAISY bag holders, barn door latches, steak pounders—Wagner Mfg. Co., Cedar Falls, Ia.
DAISY bath heaters—Jno. Wood Mfg. Co., Conshohocken, Pa.
DAISY bottle corking machines—U. S. Bottlers' Machy. Co., 1033 W. Lake, Chicago, Ill.
DAISY bottle stoppers, force cups, rubber plugs—Schacht Rubber Mfg. Co., Huntington, Ind.
DAISY children's vehicles—Gibbs Mfg. Co., Canton, Ohio
DAISY clipper hay & corn cutter knives—Wallingford Mfg. Co., Wallingford, Vt.
DAISY cork pullers—Arcade Mfg. Co., Freeport, Ill.
DAISY corn planters & harrows—Hench & Dromgold Co., York, Pa.
DAISY cultivators—Fort Madison Plow Co., Ft. Madison, Ia.
DAISY cultivators—S. R. White's Sons, Norfolk, Va.
DAISY disc sharpeners—Schofield & Co., Freeport, Ill.
DAISY flour blending machinery—Barnard & Leas Mfg. Co., Moline, Ill.
DAISY fruit & vegetable parers—Hudson Parer Co., Leominster, Mass.
DAISY hand & power green bone cutters—Wilson Bros., Easton, Pa.
DAISY hoes—Jno. C. Smith Hoe & Tool Co., Evansville, Ind.
DAISY hose nozzles—Boston Woven Hose & Rubber Co., Cambridge, Mass.
DAISY lawn mowers—Clarinda Lawn Mower Co., Clarinda, Ia.
DAISY lawn mowers—Supplee-Biddle Hardware Co., 510 Commerce bldg, Phila., Pa.
DAISY loom pickers—E. H. Jacobs Mfg. Co., Danielson, Conn.
DAISY mop sticks—A. Boyle Broom Co., Galesburg, Ill.
DAISY paper dishes & wood dishes—Star Paper Dish Co., Richmond, Va.
DAISY push button floor treads—Ansonia Electrical Co., Ansonia, Conn.
DAISY scythe snaths—Seymour Mfg. Co., Seymour, Ind.
DAISY stalk cutters—Gale Mfg. Co., Albion, Mich.
DAISY stock fountains—Quinn Wire & Iron Works, Boone, Ia.
DAISY storm sash hangers—G. A. Butter, 603 Mitchell, Milwaukee, Wis.
DAISY trucks—Rome Scale & Mfg. Co., Rome, Ga.
DAISY trucks—Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
DAISY wagon jacks—Covert Saddlery Works, Interlaken, N. Y.
DAISY waste paper baskets—Massillon Wire Basket Co., Massillon, O.
DAISY wood sawing machines—Heebner & Sons, Lansdale, Pa.
DAISY JR. acetylene gas machines—Miller Lighting Co., Detroit, Mich.
DAISY JR. potato diggers—Brown Manly Plow Co., Malta, Ohio.
DAKE air motors—Dake Engine Co., Grand Haven, Mich.

DAKE force feed lubricators—Richmond Pressed Metal Works, Inc., Richmond, Va.
DAKOTA fanning mills—J. L. Owens Co., Fulton & S. E. Huron, Minneapolis, Minn.
DAKOTA oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio.
DAKOTA portable grain elevators—Warner Elevator Mfg. Co., Warner, Ill.
DAKOTA roofing brushes—New Jersey Brush Co., Bloomfield, N. J.
DAKOTA traction engines—G. W. Elliott & Co., De Smet, S. Dak.
DALE ball cocks—Wolverine Brass Works, Grand Rapids, Mich.
DALE catch basin traps—Standard Brass & Iron Works, 1820 St. Paul av, Milwaukee, Wis.
DALE paper fasteners—Edw. B. Stimpson Co., 68 Franklin av, Brooklyn, N. Y.
DALE'S steam trap packing—Peerless Rubber Mfg. Co., 31 Warren, New York.
DALEY hand carts—M. H. Daley, Charles City, Ia.
DALITE circuit breakers—Cutter Electrical & Mfg. Co., 19th & Hamilton, Phila., Pa.
DALLETT pneumatic tools—Thos. H. Dallett Co., Juniper & Federal, Phila., Pa.
DALTON adding machines—Dalton Adding Machine Co., Norwood, Cincinnati, Ohio.
DALTON engine lathes—Dalton Mfg. Corp., 1915 Park av, New York
DALTON SIX thread cutting machine—Dalton Machine Co., 1911 Park av, New York
DAMASCENE razors—C. Klauberg & Bros., Woolworth bldg, New York
DAMASCUS axes—C. A. C. Axe Co., Holbrook, Mass.
DAMASCUS babbitt metal bronze bearings, phosphor copper & ingot metals—Damascus Bronze Co., Pittsburgh, Pa.
DAMASCUS brake beams—Damascus Brake Beam Co., London rd & Nickel Plate, Cleveland, Ohio
DAMASCUS hack saw blades—Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
DAMASCUS rubber hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
DAMASCUS safety pins—Oakville Co., Waterbury, Conn.
DAMASCUS scythes—Dunn Edge Tool Co., Oakland, Me.
DAMASCUS soluble oils—Damascus Mfg. Co., Cassius av, Cleveland, O.
DAMASK window shades—Talbert-Whitmore Co., Los Angeles, Cal.
DAMASKO shade cloth—Columbia Mills, Inc., 225 5th av, New York
DAMBALBAIT asbestos cements—Armstrong Co., 124 Post av, Detroit, Mich.
DANCK filter screens—Standard Wire Co., New Castle, Pa.
DAN-DEE fireproof waste paper backets—Erie Art Metal Co., Erie, Pa.
DANDY annunciators—Electric Goods Mfg. Co., Canton, Mass.
DANDY belting—Boston Woven Hose & Rubber Co., Cambridge, Mass.
DANDY blanket holders, mop sticks & holders & towel racks—T. J. Ely Mfg. Co., Erie, Pa.
DANDY bone mills—Stratton Mfg. Co., Erie, Pa.
DANDY broom holders—R. J. Ely Mfg. Co., Erie, Pa.
DANDY can openers—Bradley & Farnham, Middlefield, Conn.
DANDY can openers—Ellis Mfg. Co., Milldale, Conn.
DANDY carpet beaters—T. J. Ely Mfg. Co., Erie, Pa.
DANDY chimney tops—Quinn Wire & Iron Works, Boone, Ia.
DANDY cleanouts—Advance Mfg. Co., Erie, Pa.
DANDY cleanouts—Bignall Co., Medina, N. Y.
DANDY clothes sticks—Hollow Cable Mfg. Co., Hornell, N. Y.
DANDY corn & cob mills—C. S. Bell Co., Hillsboro, Ohio
DANDY cultivators—Moline Plow Co., Moline, Ill.
DANDY disc harrows—Ohio Rake Co., Dayton, Ohio
DANDY electric bells—Electric Goods Mfg. Co., Canton, Mass.
DANDY feed cutters—W. Eddy Plow Co., Greenwich, N. Y.
DANDY fruit & vegetable parers—Goodell Co., Antrim, N. H.
DANDY gas engines—Challenge Co., Batavia, Ill.
DANDY glass oil cans—Ball Bros. Glass Mfg. Co., Muncie, Ind.
DANDY hame fasteners—Covert Saddlery Works, Interlaken, N. Y.
DANDY horse brushes—Hendee C. C. Co., 48 7th, Milwaukee, Wis.
DANDY leather aprons—California Tanning Co., 1905 Shanandoah av, St. Louis, Mo.
DANDY oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
DANDY pumping jacks—Challenge Co., Batavia, Ill.
DANDY rural mail boxes—Dairymen's Mfg. Co., Warren, Jersey City, N. J.
DANDY saw handles—T. J. Ely Mfg. Co., Erie, Pa.
DANDY shoe blacking & polishes—Whittemore Bros. Corp., Cambridge, Mass.
DANDY swatters—Cassady Fairbank Mfg. Co., 6126 S. La Salle. Chicago, Ill.
DANDY toilet paper holders—T. J. Ely Mfg. Co., Erie, Pa.
DANDY trucks—Turnbull Wagon Co., Defiance, Ohio
DANDY waffle irons—T. J. Ely Mfg. Co., Erie, Pa.
DANDY windmills—Challenge Co., Batavia, Ill.
DANDY wire stretchers—Milwaukee Hay, Tool Co., Milwaukee, Wis.
DANFORTH belting—J. H. Billington, 113 Chestnut, Philadelphia, Pa.
DANGLER alcohol stoves—Dangler Stove Co., 501 Perkins av, Cleveland, Ohio
DANGLER gas radiators, gasoline stoves & blow torches—American Stove Co., St. Louis, Mo.
DANHOUR'S tool racks—Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
DANIC sand blast machines—D. M. Nichols Iron Works, 4 Gouverneur pl., New York
DANIEL'S P. P. P. rod packing—Quaker City Rubber Co., 629 Market, Phila., Pa.
DANIELSON disc harrow boxes & neck yokes—Sharon Steel Hoop Co., Sharon, Pa.
DANISH bond paper—B. D. Rising Paper Co., Housatonic, Mass.
DANISH flint pebbles—Atkins, Kroll & Co., 311 California, San Francisco, Cal.
DANUBEST asbestos filter mass—Danubil Co., Inc., Postal Telegraph bldg, New York
DANUBIL packing & gaskets—Danubil Co., Inc., Postal Telegraph bldg, New York
DANZER'S gasoline blast furnaces, portable punches, roofing edgers & rose top ventilators — Danzer Metal Works, Hagerstown, Md.
DARCHE electric alarm clocks—Darche Mfg. Co., 643 Washington blvd, Chicago, Ill.
DARCOID asbestos brake lining, friction surfaces, clutch facings, flexible fibre & gum gaskets, gaskets for flanges, valves & fittings, gauge glasses, packing flange joints, sheet & flexible fibre & packing mfrs.—Dominion Asbestos & Rubber Corp., 154 Nassau, New York
DARLEY pneumatic conveyors—Guarantee Const. Co., 140 Cedar, New York
D'AMOUR drill presses—E. D'Amour, 78 Cortlandt, New York
DARLEY—suction conveyors—Pneumatic Conveyor Co., 37 W. Van Buren, Chicago, Ill.
DARNELL'S furrower & coverer—H. W. Doughten, Moorestown, N. J.
D-ARROW cultivators—S. R. White's Sons, Norfolk, Va.
D'ARSONVALL galvanometers — Leeds & Northrup Co., Stenton av, Gtn., Phila., Pa.
DART pipe couplings, pipe flanges, glue heaters, unions—E. M. Dart Mfg. Co., 1012 Eddy, Providence, R. I.
DART pipe couplings & flanges—Fairbanks Co., 416 Broome, New York
DATONIA paint, oils—Kay & Ess Co., Dayton, Ohio
DAUBER door & sash clamps—Dauber Bell Machine Co., Oshkosh, Wis.
DAUM refillable cartridge fuses—A. F. Daum Co., Pittsburgh, Pa.
DAUNTLESS rubber hose & insulating tape—Boston Woven Hose & Rubber Co., Cambridge, Mass.
DAVENPORT multiple spindle automatic screw machines—Davenport Machine Tool Co., New Bedford, Mass.
DAVENPORT drilling machines & vises — Blissfield Motor Works, Blissfield, Mich.
DAVIDSON ash ejectors & valves—M. T. Davidson Co., 43 Keap, Brooklyn, N. Y.
DAVIDSON stalk cutters—Davidson-Dietrich Plow Co., Evansville, Ind.
DAVIS brake beams—Cambria Steel Co., Widener bldg, Phila., Pa.
DAVIS carriage robes—Geo. W. Davis (Inc.), Worcester, Mass.
DAVIS cast steel wheels—American Steel Foundries, McCormick bldg., Chicago, Ill.
DAVIS churns—Vermont Farm Machine Co., Bellows Falls, Vt.
DAVIS cream separators—Davis Milk Machinery Co., 546 Wash'n blvd, Chicago, Ill.
DAVIS desk telephone brackets—Lee Electric Co., 219 N. Calvert, Baltimore, Md.
DAVIS driving wheels — Commonwealth Steel Co., Pierce bldg., St. Louis, Mo.

DAVIS expansion boring tools—Davis Boring Tool Co., 3722 Forrest Park bl., St. Louis, Mo.
DAVIS friction clutches—Wooster Machine Co., Wooster, Ohio
DAVIS hygrometers, miners' safety lamps & water gauges—Joseph F. McCoy Co., 157 Chambers, New York
DAVIS inkstands & wells—Emry Davis, 298 Broadway, New York
DAVIS lathes—Davis Machine Tool Co., Rochester, N. Y.
DAVIS levels—M. W. Robinson Co., 203 37th, Brooklyn, N. Y.
DAVIS row-locks—Malleable Iron Fittings Co., Branford, Conn.
DAVIS row-locks—Wilcox, Crittenden & Co., Middletown, Conn.
DAVIS shot guns—Davis Warner Arms Co., 96 Chambers, New York
DAVIS steam & hot water heaters—O. C. Davis, Racine, Wis.
DAVIS switches—Menominee Electric Mfg. Co., Menominee, Mich.
DAVIS switches—Wesco Supply Co., 7th & Clark av, St. Louis, Mo.
DAVIS telephone cable terminals—Standard Underground Cable Co., Pittsburgh, Pa.
DAVIS valves—Brandywine Fibre Products Co., Wilmington, Del.
DAVIS valves—Geo. M. Davis Regulator Co., 422 Milwaukee av, Chicago, Ill.
DAVIS valves—Louis N. Davis, West Chester, Pa.
DAVIS wagons—Davis Wagon Co., Columbus, Ga.
DAVIS-BIRAM anemometers—Joseph F. McCoy Co., 157 Chambers, New York.
DAVIS BROWN gas meter cleaning compounds—Standard Chemical & Supply Co., 172 2d, East Cambridge, Mass.
DAVIS & COOK levels—S. R. Jackson, Watertown, N. Y.
DAVY BROS. hydraulic forging presses—United Engineering & Foundry Co., Pittsburgh, Pa.
DAVY miners' safety lamps—American Safety Lamp & Mine Supply Co., Scranton, Pa.
DAWN PROTECTOR metal washboards—National Washboard Co., 72 W. Adams, Chicago, Ill.
DAWSON corset & shoe lace tipping—C. A. Luther, Inc., Pawtucket, R. I.
DAY mechanical dust collectors—Day Co., 1004 Lyndale, Minneapolis, Minn.
DAY spark plugs—Geo. F. Day, 21 Haverhill, Boston, Mass.
DAYLIGHT glass door ovens—S. M. Howes Co., 40 Union, Boston, Mass.
DAYLITE greaseless skylight cleaners—Anderson Specialty Co., 6 E. Lake, Chicago, Ill.
DAYLOS TUNGSTEN batteries—American Ever Ready Works of National Carbon Co., Thompson av, Long Island City, N. Y.
DAY'S battery motors—Menominee Electric Mfg. Co., Menominee, Mich.
DAY'S LITTLE GIANT grinding & crushing mills—J. H. Day Co., Cincinnati, Ohio
DAYTON car bells & gongs—Dayton Mfg. Co., Dayton, Ohio
DAYTON car door fasteners, screw clamps, concrete inserts—Dayton Malleable Iron Co., Dayton, Ohio
DAYTON computing scales—Computing Scale Co., Dayton, Ohio
DAYTON centrifugal pumps—Dayton Dick Co., Quincy, Ill.
DAYTON centrifugal pump—Plant Engineering & Equipment Co., Inc., 6 Church, New York
DAYTON dynamos & motors & spark coils, auto charging sets & igniters—Dayton Electrical Mfg. Co., Dayton, Ohio
DAYTON harrows, cultivators, planters & hay loaders & rakes—Ohio Rake Co., Dayton, Ohio
DAYTON motorcycles & bicycles—Davis Sewing Machine Co., Dayton, Ohio
DAYTON pipe couplings—Dayton Pipe Coupling Co., Dayton, Ohio
DAYTON pneumatic tools—Dayton Pneumatic Tool Co., Dayton, Ohio
DAYTON rod & tube pointing, tube tapering & wire pointing machines—The Excelsior Plant, successors to Excelsior Needle Co., Torrington, Conn.
DAYTON tube expanders & flue cutters—Gustav Wiedeke & Co., Dayton, Ohio
DAYTON water motors—Valle-Kilmes Co., Dayton, Ohio
DAYTON C. & C. bean & pea planters—Ohio Rake Co., Dayton, Ohio
DAYTON OHIO water heaters—Dayton Supply Co., Dayton, Ohio
DAYTONIA acetylene gas machines—St. Clair Mfg. Co., Dayton, Ohio
DAZEY churns & ice cream freezers—Dazey Churn Mfg. Co., 4301 Warne, St. Louis, Mo.
DAZZLEINE metal polish—American Motor Equipment Co., 73 Washington, N. Boston, Mass.
DAZZLER metal polish—Layton, Park Oil & Soap Co., Forest H. & Hofmeister, Milwaukee, Wis.
DAZZLER motor cycle tires—Kokomo Rubber Co., Kokomo, Ind.
DAZZLER putty liquid polish—Miller Bros. & Co., 894 Broadway, New York
DEAD SHOT powder—American Powder Mills, Board of Trade bldg., Boston, Mass.
DEAD EASY air compressors, tire pumps—Globe Mfg. Co., Battle Creek, Mich.
DEAD EASY insecticides—Rath Mfg. Co., Hedley & Richmond, Phila., Pa.
DEAD EASY rat traps—Lovell Mfg. Co., Erie, Pa.
DEADLOCK hay carriers—Strickler Hay Tool Co., Janesville, Wis.
DEAD STROKE power hammers—Dienelt & Eisenhardt, 1302 N. Howard, Phila., Pa.
DEAF counter scales—Pelouze Mfg. Co., 232 E. Ohio, Chicago, Ill.
DEAN boiler tube cleaners—Wm. B. Pierce Co., Buffalo, N. Y.
DEAN ear corn cutters—Sandwich Mfg. Co., Sandwich, Ill.
DEAN linseed oil & cake—American Linseed Co., 100 Woolworth bldg, New York
DEAN locomotive sanders—United States Metallic Packing Co., 423 N. 13th, Phila., Pa.
DEAN shaking grates—Washburn & Granger, 50 Church, New York
DEAN tubuar boilers—Portland, Maine
DEAN wire stretchers—Arcade Mfg. Co., Freeport, Ill.
DEAN wire stretchers—Hunt, Helm, Ferris & Co., Harvard, Ill.
DEANE'S T squares—E. L. Deane Machine Co., Holyoke, Mass.
DEARBORN truck units—Dearborn Motor Truck Co., 1250 S. Campbell av, Chicago, Ill.
DEARBORN'S blind stitch sewing machines—American Blind Stitch Machine Co., 325 Lafayette, New York
DEARSLEY foundry molding machines—Freeman Mfg. Co., Dept O, Racine, Wis.
DEATH GRIP hay carriers—Goshen Mfg. Co., Goshen, Ind.
DEATON household reminders—Kohler Die & Specialty Co., De Kalb, Ill.
DE BARDELEBEN pig iron—Tennessee Coal, Iron & Railroad Co., Birmingham, Ala.
DE BEER'S mining skips—Lake Shore Engine Works, Marquette, Mich.
DECARBONIZER carbon removers—Milwaukee Auto Specialty Co., 711 Chestnut, Milwaukee, Wis.
DECKER log loaders—Clyde Iron Works, Duluth, Minn.
DECKER'S saws, inserted teeth — E. F. Decker Saw Works, Albany, N. Y.
DECO commutator compounds—M. DuPerow, 518 10th N. W., Washington, D. C.
DECORA lighting fixtures—Macbeth-Evans Glass Co., 9th & Bingham, Pittsburgh, Pa.
DECUPLE flaming arc lamps—Scott Electrical Co., 357 Ogden, Newark, N. J.
DEDENDA car bells & gongs—J. G. Brill Co., 62nd & Woodland av, Phila., Pa.
DEEDS packing—Pioneer Brass Works, Indianapolis, Ind.
DEEMER steel converters—Deemer Steel Casting Co., New Castle, Del.
DEER hand meat slicer & chopper—A. J. Deer Co., Hornell, N. Y.
DEER meat slicers—A. J. Deer Co., Hornell, N. Y.
DEERE cultivators, harrows, potato diggers—Deere & Co., Moline, Ill.
DEERING cultivators, binders, harrows, harvesters, mowers, reapers, hay stackers, corn huskers, corn pickers, binder twine—International Harvester Co. of America (Inc.), Harvester bldg, Chicago, Ill.
DEFENDER blotting paper—Standard Paper Mfg. Co., Hull & Canal, Richmond, Va.
DEFENDER cotton hose—Bowers Rubber Works, San Francisco, Cal.
DEFENDER feed cutters—S. R. White's Sons, Norfolk, Va.
DEFENDER insect guns—Thos W. Houchin Co., 36 E. 12th, New Yoork
DEFENDER rubber packing—Woven Steel & Rubber Co., Trenton, N. J.
DEFENDER safety pins—Oakville Co., Waterbury, Conn.

DEFENDER ORTHOCHROMATIC dry plates—Defender Photo Supply Co., Rochester, N. Y.
DE-FI carbon paper & polychrome typewriter ribbons—De-Fi Mfg. Co., 150 Nassau, New York
DEFIANCE auto truck trailers—Defiance Carriage Co., Defiance, Ohio
DEFIANCE belt lacing—Norwich Belt Mfg. Co., Norwich, Conn.
DEFIANCE cultivators—Ohio Cultivator Co., Bellevue, Ohio
DEFIANCE cutlery polish, renovators & polishers—Dilg Mfg. & Trading Co., E. 163rd, New York
DEFIANCE disc harrows—Rock Island Plow Co., Rock Island, Ill.
DEFIANCE jet pumps—Tranter Mfg. Co., 105 Water Pittsburgh, Pa.
DEFIANCE pumps—F. E. Myers & Bro., Ashland, Ohio
DEFIANCE saw tables & saw filing & setting machines—Sidney Tool Co., Sidney, Ohio
DEFIANCE screw drivers—Stanley Rule & Level Co., New Britain, Conn
DE FRANCE locomotive sanders—Newark Sand Box Co, Newark, Ohio
DEHN'S floor drains, closet bends, & elbows, grease traps—Compound Injector & Specialty Co., 419 N. Laramie av, Chicago, Ill.
DEHYDRATINE waterproofing materials—Vitrifex Co., 133 W. Washington, Chicago, Ill.
DEISSLER stained glass window ventilators—P. Deissler & Bro., 249 S. 6th, Phila., Pa.
DEISTER ore concentrators—Deister Concentrator Co., Fort Wayne, Ind.
DE LA HUNT flush tanks—Pacific Flush Tank Co., 108 S. La Salle, Chicago, Ill.
DELAMATER sink & float testing machines—Penna. Crusher Co., Stephen Girard bldg., Phila., Pa.
DE LASKE fire hose looms—John Royle & Sons (Inc.), Paterson, N. J.
DE LA VERGNE ammonia compressors—De La Vergne Machine Co., ft. E. 138th, New York
DELAWARE garden hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
DELAWARE reclaimed rubber—Nearpara Rubber Co., Trenton, N. J.
DELAY electric blasting caps, blasting machines, blasting machine testers, galvanometers, electric igniters, electric squibs, thawing kettles, tamping bags—du Pont de Nemours Co., E. I.—Wilmington, Del.
DELCO electric stoves, sad irons, toasters—Diamond Electric Co., Binghamton, N. Y.
DELCO engine starters—Dayton Engng. Laboratories Co., Dayton, Ohio
DELCO-LIGHT electric lighting plants—Domestic Engineering Co., Dayton, Ohio
DELESPO garment hangers—Rocky Hill Hardware Co., Rocky Hill, Conn.
DELEVAN lawn mowers—Coldwell Mfg. Co., Newburgh, N. Y.
DELHI carbon paints—Jenkins Paint & Oil Co., Norfolk, Va.
DELHI sheet rubber packing—Manhattan Rubber Mfg. Co., Passaic, N. J.
DELIGHTO stoves—Birmingham Stove & Range Co., Birmingham, Ala.
DELIVATOR gravity elevators—Variety Mfg. Co., 2958 Carroll av, Chicago, Ill.
DEL LU ZON liquid soap—Bonyata Chemical Co., Grinnell, Iowa
DELMARVIA garden hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
DELMAS welding plates & welding compounds—Century Tool & Metal Co., 180 N. Market, Chicago, Ill.
DELMONICO can openers—John H. Graham & Co., 113 Chambers, New York
DELMONICO'S ice cream dishers—Nicol & Co., 218 N. Jefferson, Chicago, Ill.
DELPHOS dust pans, corn poppers, oil cans—Delphos Mfg. Co., Delphos, Ohio
DELTA anchors, cranes, derricks, hoists, elevators, trucks, trolleys, locomotives, etc.—M. J. Foundry & Machine Co., 89 West, New York
DELTA files—Carver File Co., 3235 Frankford av, Phila., Pa.
DELTA files—Delta File Works, 3227 Frankford av, Phila., Pa.
DELTA packing—Quaker City Rubber Co., 629 Market, Phila., Pa.
DELTA packing & gaskets—General Asbestos Rubber Co., Charleston, S. C.
DELTA spark plugs—Delta Mfg. Co., Bloomfield, N J.
DELTA steam & hot water heaters—Concord Mfg. Co., Dayton, Ohio
DELTA testing instruments—Foote, Pierson & Co., 160 Duane, New York
DELTABESTON wire—D. & W. Fuse Co., Hathaway, Providence, R. I.
DELTAR lenses—Bausch & Lomb Optical Co., Rochester, N. Y.
DELTON grass rugs—Deltox Grass Rug Co., Oshkosh, Wis.
DELUGE chemical fire engines—Prospect Mfg. Co., Prospect, Ohio
DELUGE hose nozzles—Boston Woven Hose & Rubber Co., Cambridge, Mass.
DELUSION rat traps—Lovell Mfg. Co., Erie, Pa.
DE LUXE acetylene gas burners—American Lava Co., Chattanooga, Tenn.
DE LUXE japanned ware—Schlueter Mfg. Co., St. Louis, Mo.
DE LUXE loose leaf devices—Wilson, Jones Loose Leaf Co., 3020 Carroll av, Chicago, Ill.
DELUXLITES electric light fixtures—Harter Mfg. Co., 524 S. Clinton, Chicago, Ill.
DE-MAND-A rotary harrow attachments—National Harrow Co., Le Roy, Ill.
DEMING pumps—Deming Co., Salem, O.
DEMO air pumps—Bridgeport Brass Co., Bridgeport, Conn.
DEMON match safes—Grey Iron Casting Co., Mt. Joy, Pa.
DEMON sheet packing—Hart Packing Co., 144 High, Boston, Mass.
DEMON water tube cleaner—General Specialty Co., Buffalo, N. Y.
DEMOREL spray nozzle—Deming Co., Salem, Ohio
DEMPSTER pumping jacks & grain drill—Dempster Mill Mfg. Co., Beatrice, Neb.
DENNEY tag machinery & Rider-Ericsson engines—American Machine Co., Newark, Del.
DENNEY IMPROVED RIDER ERICSSON pumping engines—American Machine Co., Newark, Del.
DENNING tractors — Denning Tractor Co., Cedar Rapids, Ia.
DENNIS guy derricks—Bronx Derrick & Tool Co., 370 Southern Boulevard, New York
DENNIS weather strips—W. J. Dennis & Co., 2120 W. Lake, Chicago, Ill.
DENNISON fire-proof hollow tile—Ohio Clay Co., Guardian bldg, Cleveland, Ohio
DENNY steam traps—W. K. Mitchell & Co., Schuylkill av & Ellsworth, Phila., Pa.
DENSMORE saw gunners—Tanite Co., Stroudsburg, Pa.
DEO dust absorbing floor oils—Alcatraz Co., Inc., Richmond, Va.
DEPENDABLE oak belting butts—Kistler, Lesh & Co., 321 A, Boston, Mass.
DERAYCO brick paints—Devoe & Raynolds Co., Inc., 101 Fulton, New York.
DERBY corn planters—Brinly-Hardy Co., Louisville, Ky.
DERBY corn shellers—Whitman Agricultural Co., 7000 S. Broadway, St. Louis, Mo.
DERBY fifth wheels—Keystone Forging Co., Northumberland, Pa.
DERBY oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
DERBY pipe taps & reamers—Butterfield & Co., Derby Line, Vt.
DE REMER turbine water wheels—Mine & Smelter Supply Co., 42 Broadway, New York
DE RONDE paint & varnish remover—Frank S. De Ronde Co., 24 Stone, New York
DERINGER pistols—Remington Arms-Union Metallic Cartridge Co., 233 Broadway, New York
DERR hot air furnaces—Pottsville Foundry & Stove Co., Pottsville, Pa.
DE RYCKE steam separators—Ambrose Machine Co., Eagle & Provost, Brooklyn, N. Y.
DESCO metal store fronts—Detroit Show Case Co., Detroit, Mich.
DESERT belting—Quaker City Rubber Co., 629 Market, Phila, Pa.
DESHLER rural mail boxes—Deshler Mail Box Co., Deshler, Ohio
DES MOINES ELATERITE paints & waterproofing materials—Elaterite Paint & Mfg. Co., Des Moines, Ia.
DESMOND boiler injectors—Desmond-Stephan Mfg. Co., Urbana, Ohio
DESOCO bow separators—Detroit Socket Co., Detroit, Mich.
DESOLVO compound drain pipe cleaners—Chamberlain Co., 305 Penn av, Pittsburgh, Pa.
DETACHABLE sink legs—Luther Grinder Mfg. Co., 285 S. Water, Milwaukee, Wis.
DETERGINE benzine substitute—Duryea Mfg. Co., Bayonne, N. J.
DETRA boiler injectors—Stephen Roe Mfg. Co., Detroit, Mich.

DETROIT car couplers—Monarch Steel Casting Co., Detroit, Mich.
DETROIT coin wrappers—Detroit Coin Wrapper Co., Detroit, Mich.
DETROIT folding scaffold brackets—Folding Scaffold Bracket Co., 60 W. Lafayette av, Detroit, Mich.
DETROIT grease—O. F. Zurn Co., Broad & Lehigh av, Philadelphia, Pa.
DETROIT heat transformers—Central Station Steam Co., Detroit, Mich.
DETROIT journal boxes—Michigan Malleable Iron Co., Delray, Detroit, Mich.
DETROIT locomotive firebox boilers—John Brennan & Co., 24th & M. C. R. R., Detroit, Mich.
DETROIT mortar mixers—Curt E. Oelman, 224 St. Antoine, Detroit, Mich.
DETROIT package sealing & labeling machines—Robt. Mitchell Co., Detroit, Mich.
DETROIT row-locks—Wilcox, Crittenden & Co., Middletown, Conn.
DETROIT steam meters—Central Station Steam Co., Detroit, Mich.
DETROIT steam traps—American Blower Co., 1400 Russell, Detroit, Mich.
DETROIT steel scaffold brackets—Buxton Machine Works, 935 Scotten, Detroit, Mich.
DETROIT switches & motor starters—Detroit Fuse & Mfg. Co., Detroit, Mich.
DETROIT valves, gauges, lubricators—Detroit Lubricator Co., Detroit, Mich.
DETROIT water tube boilers—East End Boiler Works, 13 St. Aubin av, Detroit, Mich.
DETROIT weather strips—Frost Railway Supply Co., Detroit, Mich.
DETROIT drills—Detroit Twist Drill Co., Detroit, Mich.
DETROIT FENESTRA rolled steel windows—Detroit Steel Products Co., Detroit, Mich.
DETROIT JEWEL water heaters—Detroit Stove Works, Detroit, Mich.
DETTA steam heaters—Concord Mfg. Co., Dayton, Ohio
DEVEAU annunciators, push buttons—Stanley & Patterson, 23 Murray, New York
DEVERALL oil cans & oilers—Deverall Perfection Mfg. Co., Coney Island av & Johnson pl, Brooklyn, N. Y.
DEVIL SKIN superheated steam packing—Dealers Steam Packing Co., Palmyra, N. Y.
DEVOE marble floor finish, paints, colors, stains, waterproofing materials—Devoe & Raynolds Co., 101 Fulton, New York
DEVO packing—Goetze Gasket & Packing Co., New Brunswick, N J.
DEWARD oil hardening non-shrinking tool steel—Atlas Crucible Steel Co., Dunkirk, N. Y.
DEWCO mine timber framing machines—Denver Engineering Works Co., Denver, Colo.
DEWEY cement—Dewey Portland Cement Co., Dewey, Okla.
DEWEY cultivators—Rockford Mfg. Co., Rockford, Ill.
DEWEY curtain stretchers—Wagner Curtain Stretcher Co., Greensburg, Pa.
DEWEY fire hose racks—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
DEWEY gas heaters—Edward S. Stevenson, New Castle, Pa.
DEWEY lawn mowers—B. F. Avery & Son, Louisville, Ky.
DEWEY lawn mowers—Phila. Lawn Mower Co., 3107 Chestnut, Phila., Pa.
DEWEY paper cap exploders—Wrightsville Hardware Co., Wrightsville, Pa.
DEWEY potato planters—Potato Implement Co., Traverse City, Mich.
DE WITT BRAND wire cloth—Rogers Wire Works, Inc., Belleville, N. J.
DEXTER cement—Dexter Portland Cement Co., Nazareth, Pa.
DEXTER clothes washing machines & plow clevises—Dexter Co., Fairfield, Ia.
DEXTER garden cultivators & wheel garden hoes—Ohio Cultivator Co., Bellevue, Ohio
DEXTER knives—T. J. Harrington, Southbridge, Mass.
DEXTER knives—Harrington Cutlery Co., Southbridge, Mass.
DEXTER lawn mowers—Chadborn & Coldwell Mfg. Co., Newburgh, N. Y.
DEXTER valve re-seating machines—Leavitt Mach. Co., Orange, Mass.
DEY time-recording system clocks—International Time Recording Co. of New York, Endicott, N. Y.
DIABOLO cream separators & washing machines—United Engine Co., Lansing, Mich.
DIABRASIVE diamond saw teeth—Willard F. Meyers Machine Co., 614 Hamilton, Astoria, N. Y.
DIAGON packing—Boston Belting Corp., 84 Linden Park, Boston, Mass.
DIAL cash registers—Dial Cash Register Co., 409 3rd, Milwaukee, Wis.
DIAMOND belting & belt cements—W. S. Nott Co., 2nd av, N. & 3rd, Minneapolis, Minn.
DIAMOND billiard chalk—American Crayon Co., Sandusky, Ohio
DIAMOND boys' axes—Mann Edge Tool Co., Lewistown, Pa.
DIAMOND brake beams—Chicago Railway Equipment Co., 1928 W. 46th, Chicago, Ill.
DIAMOND butchers' cleavers—John B. Black Co., Chester, Pa.
DIAMOND calcined plaster—J. B. King & Co., 17 State, New York
DIAMOND can openers—Browne & Dowd Mfg. Co., Meriden, Conn.
DIAMOND car trucks—E. G. Long Co., 50 Church, New York
DIAMOND carbon paper, typewriter ribbons & typewriter oils—Miller-Bryant-Pierce Co., Aurora, Ill.
DIAMOND carbon removers—Diamond Specialty Co., Indianapolis, Ind.
DIAMOND cement—Diamond Portland Cement Co., Cleveland, Ohio
DIAMOND cement mixers & concrete building block machinery—Cardington Cabinet Co., Cardington, Ohio
DIAMOND coffee & spice mills—Wrightsville Hardware Co., Wrightsville, Pa.
DIAMOND conduit wiring rods—Diamond Expansion Bolt Co., 89 West, New York
DIAMOND core drills—Standard Diamond Drill Co., 38 S. Dearborn, Chicago, Ill.
DIAMOND core & prospecting drills—Sullivan Machineery Co., Peoples Gas bldg, Chicago, Ill.
DIAMOND corn & cob mills, sweep horse powers & tow mill machinery—New Winona Mfg. Co., Winona, Minn.
DIAMOND cotton mops—C. H. Ellert, Evansville, Ind.
DIAMOND cutting oils—Damascus Mfg. Co., Cassius av, Cleveland, Ohio
DIAMOND damper regulators—Diamond Power Specialty Co., Detroit, Mich.
DIAMOND disc cotton hullers—Diamond Huller Co., Winsono, Minn.
DIAMOND door hangers—Diamond Door Hanger Co., 28 Rodney, Brooklyn, N. Y.
DIAMOND egg & cream beaters—Morgan Spring Co., Worcester, Mass.
DIAMOND elevator door hangers—Grant Pulley & Hardware Co., 101 Park av, New York
DIAMOND emery wheel dressers—Geo. Hartley, Waterbury, Conn.
DIAMOND emery wheel dressers—Waterbury Wire Die Co., Waterbury, Conn.
DIAMOND expansion bolts, expansion screw anchors, toggle bolts & diamond N. brick drills—Diamond Expansion Bolt Co., 89 West, New York
DIAMOND gas fired boilers, factory trucks—Diamond Machine Co., 3rd & Vine, Cincinnati, Ohio
DIAMOND farm gates—Kokomo Steel & Wire Co., Kokomo, Ind.
DIAMOND floor & automatic surface grinders—Diamond Machine Co., Providence, R. I.
DIAMOND gauge glasses—Diamond Specialty Supply Co., 1225 Arch, Phila., Pa.
DIAMOND harness tools, shoemakers' tools, tanners' tools—Wm. H. Horn & Bros., 431 N. 3rd, Phila., Pa.
DIAMOND harrows & pulverizers & wheel gang plows—Parlin & Orendorff Co., Canton, Ill.
DIAMOND haying tools, lawn mowers, twist drills—Whitman & Barnes Mfg. Co., Akron, Ohio
DIAMOND hose nozzles—H. B. Sherman Mfg. Co., Battle Creek, Mich.
DIAMOND hose & packing—Empire Tire & Rubber Co., East Trenton, N. J.
DIAMOND hydrated lime—Ohio & Western Lime Co., Huntington, Ind.
DIAMOND ice cream freezers—Cardington Cabinet Co., Cardington, Ohio
DIAMOND ice creepers—Norlund Mfg. Co., Williamsport, Pa.
DIAMOND industrial starch—Corn Products Refining Co., 17 Battery pl, New York
DIAMOND lawn mowers—Dille & McGuire Mfg. Co., Richmond, Ind.
DIAMOND log loaders, log hauls, lumber trimmers, gang saw mills, traction engines—Diamond Iron Works, Minneapolis, Minn.
DIAMOND lubricating oils & greases—Cornplanter Lubricating & Oil Co., ft. Drake, St. Paul, Minn.

DIAMOND molders' flasks—Diamond Clamp & Flask Co., Richmond, Ind.
DIAMOND motor cycle tires—B. F. Goodrich Co., Akron, Ohio
DIAMOND nickel anodes—Burns E. Reed, 27 Jackson, Brooklyn, N. Y.
DIAMOND oak flooring—Louisiana Long Leaf Lumber Co., Fisher, La.
DIAMOND oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
DIAMOND packing—American Steam Packing Co., 10 High, Boston, Mass.
DIAMOND paints—Thompson & Co., 1111 Galveston av N S, Pittsburgh, Pa.
DIAMOND playground equipment—Safety First Supply Co., Hartje Office bldg, Pittsburgh, Pa.
DIAMOND plow steel—Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
DIAMOND plows—Parlin & Orendorff Co., Canton, Ill.
DIAMOND plumbers' brackets—A. Y. McDonald Mfg. Co., Dubuque, Ia.
DIAMOND prepared plaster—United States Gypsum Co., 205 W Monroe, Chicago, Ill.
DIAMOND printing presses & paper cutting machines—Challenge Machy. Co., Grand Haven, Mich.
DIAMOND prospecting drills—Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
DIAMOND seals—Keystone Seal & Press Co., 30 Main, New York
DIAMOND self-opening dies — Chas. G. Allen Co., Barre, Mass.
DIAMOND shades & reflectors—Klemm & Co., 132 N. 5th, Phila., Pa.
DIAMOND soil pipe & fittings—A. Weiskittel & Son Co., 12th & E. Lombard, Baltimore, Md.
DIAMOND soldering stick & paste—Burnley Battery & Mfg. Co., North East, Pa.
DIAMOND steam traps—Jenkins Bros., 80 White, New York
DIAMOND stock fountains—A. Y. McDonald Mfg. Co., Dubuque, Ia.
DIAMOND stove pipe dampers—Adams Co., Dubuque, Ia.
DIAMOND tube cleaners—Diamond Power Specialty Co., Detroit, Mich.
DIAMOND valves—A. Y. McDonald Mfg. Co., Dubuque, Ia.
DIAMOND vegetable oils—Corn Products Refining Co., 17 Battery pl, New York
DIAMOND vises—Adams Co. Dubuque, Ia.
DIAMOND weather strips—Diamond Metal Weather Strip Co., Columbus, Ohio
DIAMOND weather vanes — National-Standard Co., Box 211, Niles, Mich.
DIAMOND wood mortising machines—Seneca Falls Mfg. Co., Seneca Falls, N. Y.
DIAMOND woven wire fences—Hohulin Bros., Goodfield, Ill.
DIAMOND wrenches—Frank Mossberg Co., Attleboro, Mass.
DIAMOND A. broad axes—American Axe & Tool Co., Glassport, Pa.
DIAMOND-B nail pullers—Belden Machine Co., New Haven, Conn.
DIAMOND B nail puller—Smith & Hemenway Co., 261 Broadway, New York, 130 Coit, Irvington, N. J.
DIAMOND BLACK harness oils—Climax-Western Oil Co., Minneapolis, Minn.
DIAMOND E. motor cycle spokes—Torrington Co. Standard plant, Torrington, Conn.
DIAMOND EAGLE tobacco knives—Jno. B. Russell, Napanoch, N. Y.
DIAMOND EDGE pruning shears—Nagley Mfg. Co., Lyons, N. Y.
DIAMOND GRID storage batteries—Phila. Storage Battery Co., E. Ontario & C., Philadelphia, Pa.
DIAMOND H, switches, switch boxes, flush plugs—Hart Mfg. Co., 230 Hamilton, Hartford, Conn.
DIAMOND (J. D.) cocoa mats—Rancocas Mills, Trenton, N. J.
DIAMOND L. fire alarm signal boxes—Chas. W. Leveridge, 133 Liberty, New York
DIAMOND N. expansion bolts & drills—Diamond Expansion Bolt Co., 89 West, New York
DIAMOND N. magnesia pipe & boiler coverings—Norristown Magnesia & Asbestos Co., Norristown, Pa
DIAMOND OIL BLACK asphalt paints—Armstrong Paint & Varnish Works, 2502 S. Paulina, Chicago, Ill.
DIAMOND S. brake shoes—Parker & Topping Co., Brainerd, Minn.
DIAMOND T. turpalin—Terabentine Co., Phila., Pa
DIAMOND W. lubricating oils—Borne-Scrymser Co., 80 South, New York
DIAMOND & ARMSTRONG gang saw edgers—Diamond Iron Works, Minneapolis, Minn.
DIAMOND & DITTENBENNER saw mill dogs—Diamond Iron Works, Minneapolis, Minn.
DIAMONDLESS core drills—Ingersoll-Rand Co., 11 Broadway, New York
DIANA oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
DIBBLE sight feed lubricators—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
DIBERT gold extractors—L. C. Dibert Co., 138 1st, San Francisco, Cal.
DICE gasoline engines—Dice Machine Co., Anderson, Ind.
DICHTUNGSGUMMI metallic packing — Strong Machinery & Supply Co., 21 Walker, New York
DICK basin cocks—Dick Bros., Inc., Reading, Pa
DICKBELT belting—R. & J. Dick, Ltd., Passaic, N. J
DICKEY door & window bolts—Stanley Works, New Britain, Conn.
DICKEY fanning mills—A. P. Dickey Mfg. Co., Racine, Wis.
DICKEY woven wire brushes—Chas. E. Chapin, 201 Fulton, New York
DICKINSON carriage eyelets — Goshen Eyelet Co., Goshen, Ind.
DICKINSON ventilators—Paul Dickinson, 3346 S. Artesian av, Chicago, Ill.
DICKMAN rub irons—Defiance Machine Works, Defiance, Ohio
DICK'S feed cutters—Jos. Dick Mfg. Co., Canton, Ohio
DICKSON pipe wrenches—Oswego Tool Co., Oswego, N. Y.
DICTAPHONE dictating machines—Columbia Graphophone Co., 233 Broadway, New York
DICKSTEPH CAST IRON BRAND brazing flux—Economy Welding Machine Co., Kansas City, Mo.
DIDIER brick—Didier-March Co., Perth Amboy, N. J.
D-I-E case iron piston rings—S. Merritt Whyte Co., 697 W 133rd, New York
DIEHL cupboard catches, screen door hinges, storm sash hangers, barn door latches & transom lifts—Diehl Novelty Co., Glenbeulah, Wis.
DIELECTRIC electric cable compounds—Dielectric Mfg. Co., 224 S. Vandeventer av, St. Louis, Mo.
DIELECTRIC metal polish—Dielectric Mfg. Co., 224 S. Vandeventer av, St. Louis, Mo.
DIELECTRIC underground conduits—Dielectric Co. of America, Belleville, N. J.
DI-EL-ITE resistance units—Wirt Co. Armat & Lena, Phila., Pa.
DI-EN-KEY brass & iron expansion bolts—Diamond Expansion Bolt Co., 89 West, New York
DIESEL oil engines—Midwest Engine Co., Indianapolis, Ind.
DIESEL oil engines—McIntosh & Seymour Corp., Auburn, N. Y.
DIESEL TYPE oil engines—New London Ship & Engine Co., Groton, Conn.
DIETZ hub bands—Eastern Malleable Iron Co., Naugatuck, Conn.
DIFLES ring packing—General Asbestos Rubber Co., Charleston, S. C.
DIGHTON stoves—Dighton Foundry Co., Taunton, Mass.
DIKEMAN chain attachment drills—M. W. Robinson Co., 203 37th, Brooklyn, N. Y.
DIKEMAN floor scrapers & saw clamps—Dikeman Mfg. Co., Norwalk, Conn.
DILG cutlery polish—Dilg Mfg. & Trading Co., 401 E. 163rd, New York
DILL slotting machines—T. C. Dill Machine Co. (Inc.), Fairhill P. O. Phila., Pa.
DILLON railroad fences & wire stretchers—Northwestern Barb Wire Co., Sterling, Ill.
DIM-A-LITE regulating sockets—Wirt Co., Germantown, Phila., Pa.
DIME door checks—Caldwell Mfg. Co., Rochester, N. Y.
DIMO GRIT oil & water stones, emery tool grinders—Luther Grinder Mfg. Co., 285 S Water, Milwaukee, Wis.
DINGEE-WOODBURY sweep horse powers—M. Rumley Tractor Co., La Porte, Ind.
DINGO red sheet packing—John M. Watts Sons, 54 N. 2nd, Phila., Pa.
DINGS magnetic separators—Dings Magnetic Separator Co., 672 Smith, Milwaukee, Wis.
DINKEL steam traps—Schutte & Koerting Co., 1251 N. 12th, Phila., Pa.
DINKEY rheostats, starting & controlling—Electric Controller Mfg. Co., Cleveland, O.
DINKLAGE CREEPCHECK anti-rail creepers—Creepcheck Co., 81 Fulton, New York
DIRECT DRIVE conductor pipe hooks—Milwaukee Corrugating Co., Milwaukee, Wis.

DIRECTOIRE blotting paper — Albermarle Paper Mfg. Co., Richmond, Va.
DIRECTOR lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.
DIRIGO boat anchors & wire rope clips—Thos. Laughlin Co., Portland, Me.
DIRIGO copper floats—William Briggs, 100 Lexington av, Brooklyn, N. Y.
DIRIGO packing—Jno. M. Watt's Sons, 54 N. 2nd, Philadelphia, Pa.
DIRIGO silos—Stevens Tank & Tower Co., Auburn, Me.
DIRIGO solderless copper floats—Boston Brass Co., 135 Bacon, Waltham, Mass.
DISBROW creamery churns—Oakes & Burger Co., Cattaragus, N. Y.
DISC felt neptune water filters—Union Filter & Novelty Co., 73 Franklin, New York.
DISFICO horn insulation—Diamond State Fibre Co., Elsmere, Del.
DISSTON hack saws—Hy. Disston & Sons, Tacony, Phila., Pa.
DISTRICT plows—Collins Plow Co., Quincy, Ill.
DITTO duck & crow calls—Charles H. Ditto, Keithsburg, Ill.
DIVINE tires & water motors—Divine Bros. Co., Utica, N. Y.
DIX door hangers—Dix Mfg. Co., 1025 Guilford av, Baltimore, Md.
DIXIE belt fasteners & lacing—Columbia Novelty Co., St. Louis, Mo.
DIXIE cultivators—Wm. H. Clore Mfg. Co., Washington, Ind.
DIXIE cultivators—Whitaker Mfg. Co., 509 W. Monroe, Chicago, Ill.
DIXIE exhaust heads—Dixie Mfg. Co., Stockholm & Russell, Baltimore, Md.
DIXIE gin saw filing machines & gummers—American Mfg. Co., Atlanta, Ga.
DIXIE machinery—American Machinery Co., Atlanta, Ga.
DIXIE magnetos—Sumter Electrical Co., 1466 Michigan av, Chicago, Ill.
DIXIE oak flooring—Bliss Cook Oak Co., Blissville, Ark.
DIXIE oil filters—Collins Mfg. Co., Ltd., 612 Chestnut, Phila., Pa.
DIXIE oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
DIXIE packing—General Asbestos Rubber Co., Charleston, S. C.
DIXIE saw arbors & shingle mill machinery—Curtis & Co., Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
DIXIE spring tooth harrows—Wirtz & Hernlen, Augusta, Ga.
DIXIE transformers & push buttons—Edwards & Co., Exterior av & 140th, New York
DIXIE ventilators—Dowman-Dozier Mfg. Co., Atlanta, Ga.
DIXIE well buckets—Richmond Cedar Works, Richmond, Va.
DIXIE ANTI-FRICTION babbit metal—Smith-Courtney Co., Richmond, Va.
DIXON fly traps—Reynolds Wire Co., Dixon, Ill.
DIXON radiator shields—Monash-Younker Co., 1407 W. Jackson blvd., Chicago, Ill.
DIXON'S crayons, crucibles, axle grease, plumbago, belt dressing, stove polish & paints for coating—Jos. Dixon Crucible Co., Jersey City, N. J.
D'LIGHT lighting fixture—Wizard Electric Lamp Co., 147 New Montgomery, San Francisco, Cal.
DOBBINS hot air furnaces—Simons-Leedle Co., Marshall, Mich.
DOBCO belting—Druid Oak Belting Co., 111 E. Lombard, Baltimore, Md.
DOCK hot water heaters—Hayes Pump & Planter Co., Galva, Ill.
DOCKASH gas ranges & stoves—Scranton Stove Works Scranton, Pa.
DR. BAILEY'S ensilage cutters—Ames Plow Co., Quincy Hall, Boston, Mass.
DR. BRAUN'S packing—Combination Rubber Mfg. Co., Bloomfield, N. J.
DR. GEORGE W. GRILE PATENT pneumatic pressure rubber suits—B. F. Goodrich Co., Akron, Ohio
DR. HORN tachometers—Foxboro Company, The, Foxboro, Mass.
DR. LEAVITT pig forceps—Leavitt Mfg. Co., Urbana, Ill.
DR. MENDENHALL'S pig forceps—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.
DR. SCHMITZ'S monopole oils—Wolf, Jacques & Co., Lexington av, Passaic, N. J.
DR. SCOTT safety razors—Pall Mall Electric Co., 128 W. 34th, New York
DR. RICHARD STHAMER'S thorium nitrate—H. Lieber & Co., 14 Platt, New York
DR. WHEDON'S paper towels—Tuttle Press Co., Appleton, Wis.
DOCTOR wood handles—Doane Mfg. Co., Allston, Mass.
DODDS packing—Bowers Rubber Works, San Francisco, Cal.
DODGE automatic tripping hooks, cable chain & system of coal storage—Link-Belt Co., 39th & Stewart av, Chicago, Ill.
DODGE blackboard surfacing material—American Soapstone Finish Co., Chester Depot, Vt.
DODGE gyrating rock & ore crushers—Worthington Pump & Machy. Corp., 115 Broadway, New York
DODGE rock crushers—Chalmers-Williams Mfg. Co., 1461 Arnold, Chicago Heights, Ill.
DODGE roll jaw crusher—Kennedy Van Saun Mfg. & Eng. Corp., 120 Broadway, New York
DODGE turret lathes—S. A. Woods Machine Co., Boston, Mass.
DODGE rock crushers—Walker Mfg. Co., Denver, Colo.
DODGE-COLLINS compression couplings — Dodge Sales & Engineering Co., Mishawaka, Ind.
DODSON hame chain—Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
DODSON hame fasteners—Dodson Saddlery Co., Dallas, Tex.
DOGGETT'S PERFECTION parting compounds—Stanley Doggett, 11 Cliff, New York
DOHERTY-ELDRED lime burning kilns—Improved Equipment Co., 60 Wall, New York
DOLBERS storm sash hangers—W. W. Woodruff & Sons Co., Mt. Carmel, Conn.
DOLE hub boring machines—Silver Mfg. Co., Salem, Ohio
DOLE & DEMINGS spoke tenoning machines—Silver Mfg. Co., Salem, Ohio
DOLPHIN insulated wire—Atlantic Insulated Wire & Cable Co., Stamford, Conn.
DOLPHIN waterproof belting—Providence Belting Co., 7 Beverly, Providence, R. I.
DOLPHIN ATLANTIC rubber covered wire—Atlantic Insulated Wire & Cable Co., Stamford, Conn.
DOLPH'S insulating varnishes—John C. Dolph Co., 168 Emmett, Newark, N. J.
DOMES OF SILENCE sliding furniture casters—Henry W. Peabody & Co., 17 State, New York
DOMESTIC carpet sweepers—Domestic Vacuum Cleaner Co., Torrington, Conn.
DOMESTIC clothes washing & household ironing machines—Domestic Laundry Equipment Corp., 1365 Lexington av, New York
DOMESTIC gas engines—Domestic Engine & Pump Co., Shippinsburg, Pa.
DOMESTIC hot water generators—Fred. A. Tyler, Albany, N. Y.
DOMESTIC meat juice presses—Athol Machine Co., Athol, Mass.
DOMESTIC mop sticks & holders—T. J. Ely Mfg. Co., Erie, Pa.
DOMESTIC spice mills—Wrightsville Hardware Co., Wrightsville, Pa.
DOMESTIC sunshine steel ranges—Reading Stove Works, Reading, Pa.
DOMINION acid proof belting mfrs., gauge glasses, gum & fibrous gaskets, piston & valve rod plunger, pumps, engines, etc., sheet packing—Dominion Asbestos & Rubber Corp., 154 Nassau, New York
DOMINO sheet packing—Dominion Asbestos & Rubber Corp., 154 Nassau, New York
DONALDSON crucible furnaces—Denver Fire Clay Co., Denver, Colo.
DONALDSON harvesters, beet pullers, farm boilers—Donaldson Bros., Mt. Clemens, Mich.
DON DUPRIN fire door latches—Vonnegut Hardware Co., Indianapolis, Ind.
DONEGAL gate latches & gate hinges—Grey Iron Casting Co., Mt. Joy, Pa.
DON HAND bone mills—C. S. Bell Co., Hillsboro, Ohio
DONKEY rod packing—Quaker City Rubber Co., 629 Market, Phila., Pa.
DONNELLY Christmas tree holders—C. H. Miller Hardware Co., Huntington, Pa.
DONNELLY linemen's climbers—Blakeslee Forging Co., Plantsville, Conn.
DONNELLY valves—L. B. Brass Co., Peabody, Mass.
DONOVAN floor flanges—Trenton Potteries Co., Trenton, N. J.
DON'T WORRY closet seats—Peerless Selling Co., Evansville, Ind.
DOOLEY steel toe-calks—P. F. Burke, Dorr & Dorchester av, S. B., Boston, Mass.
DOOLITTLE'S viscosimeters—Eimer & Amend, 205 3rd av, New York

DOOLITTLE'S viscosimeters—Geo. D. Feidt & Co., 29 N. 7th, Phila., Pa.
DOPP soap makers' machinery—Sowers Mfg. Co., Buffalo, N. Y.
DORA blast furnaces—Va. Iron, Coal & Coke Co., Roanoke, Va.
DORCHESTER extension ladders—Frizell Ladder Co., 135 Granite av, Boston, Mass.
DO RO belt dressing & boiler compounds—Doermann Roehrer Co., 318 E 3rd, Cincinnati, Ohio
DORR cyanide plants—Dorr Co., Denver, Colo.
DORSEY milk bottle caps, tea kettle covers, polishing cloths—Dorsey Mfg. Co., 39 Pearl, Boston, Mass.
DOTY washing machines—Doty Mfg. Co., Dayton, O.
DOUBLE blade chopping knives—Cassaday Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
DOUBLE-CATCH sockets—General Electric Co., Schenectady, N. Y.
DOUBLE DIAMOND rubber hose & packing—New York Belting & Packing Co., 91 Chambers, New York
DOUBLE EAGLE push buttons—F. H. Lovell & Co., Arlington, N. J.
DOUBLE EDGE box strapping—Stanley Works, New Britain, Conn.
DOUBLE END feed carriers—Louden Machinery Co., Fairfield, Ia.
DOUBLE-FLUTED sockets & receptacles—General Electric Co., Schenectady, N. Y.
DOUBLE GRIP guy clips—Lamson & Sessions Co., 2188 Scranton rd, S. W., Cleveland, Ohio
DOUBLE GRIP tapping chucks—Wm. L. Procunier, 5947 W. Erie, Chicago, Ill.
DOUBLE JACK wire stretchers—American Steel & Wire Co., 208 La Salle, Chicago, Ill.
DOUBLE JET gasoline blow torches—Turner Brass Works, Sycamore, Ill.
DOUBLE PERCH wagon gears—Columbus Bolt Works Co., Columbus, Ohio
DOUBLE QUICK—egg & cream beaters—Roseland Can & Specialty Co., Rockford, Ill.
DOUBLE QUICK ice cream freezers—Richmond Cedar Works, Richmond, Va.
DOUBLE TAPE safety fuse—du Pont de Nemours & Co., E. I., Wilmington, Del.
DOUBLET cultivators—Avery Co., Peoria, Ill.
DOUDS blow-off valves, boiler injectors, cellar drainers, flexible joints—Frank C. Douds & Co., New Castle, Pa.
DOUGHERTY cocks & bibbs—Peck Bros. & Co., New Haven, Conn.
DOUGHERTY feed water purifiers—Economy Iron Works, Chester, Pa.
DOUGLAS chair seats—Blair Veneer Co., North Troy, Vt.
DOUGLASS fir piles—St. Paul & Tacoma Lumber Co., Tacoma, Wash.
DOUGLAS wood pipe—Canal Lumber Co., Seattle, Wash.
DOVER egg & cream beaters—Hamblin & Russell Mfg. Co., Worcester, Mass.
DOVER egg & cream beaters—Landers, Frary & Clark, New Britain, Conn.
DOVER egg & cream beaters—National Mfg. Co., Worcester, Mass.
DOVER egg & cream beaters—Parker Wire Goods Co., Worcester, Mass.
DOVER egg & cream beaters—Taplin Mfg. Co., New Britain, Conn.
DOVER egg & cream beaters—Wire Goods Co., Worcester, Mass.
DOVER oil & ash cans, fog horns, water coolers—Dover Stamping & Mfg. Co., Cambridge, Mass.
DOVER pig iron—Dover Iron Co. Bear Springs, Tenn.
DOW coal conveyors & package chutes—Dow Wire & Iron Works, Louisville, Ky.
DOW cold rolling disc sharpeners—Gould Balance Valve Co., Kellogg, Ia.
DOWAGIAC fishing rods—Jas. Heddon & Son, Dowagiac, Mich.
DOWAGIAC grain drills—Dowagiac Drill Co., Dowagiac, Mich.
DOWDEN potato diggers—Dowden Mfg. Co., Prairie City, Ia.
DOW LAW cotton planters—Towers & Sullivan Mfg. Co., Rome, Ga.
DOWLING ice runs—Link-Belt Co., 39th & Stewart av, Chicago, Ill.
DOWNIE oil geared pumps—Keystone Driller Co., Beaver Falls, Pa.
DOWNIE deep well pumps—Keystone Driller Co., Beaver Falls, Pa.
DOWNING card holders—Western Railway Equipment Co., Central Natl. Bank bldg., St. Louis, Mo.
DOYLESTOWN fodder cutters—Doylestown Agricultural Works, Doylestown, Pa.
DRAGON carriage axles & automobile springs—Sheldon Axle & Spring Co., Wilkes-Barre, Pa.
DRAGON cement—Lawrence Portland Cement Co., Siegfried, Pa.
DRAGON enamel gold paints—Devoe & Raynolds Co., 101 Fulton, New York
DRAGON oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
DRAKE acetylene gas burners—Drake Acetylene Burner Co., San Jose, Cal.
DRAKE lock nuts & washers—Western Screw Lock Nut Co., Mills bldg, San Francisco, Cal.
DRAKE-CASTLE boiler lugs—A. M. Castle & Co., 1300 N. Branch, Chicago, Ill.
DRAPER pneumatic flue welders, expansion joints & flexible joints—Draper Mfg. Co., Port Huron, Mich.
DRAVER scroll mills—Wolf Co., Chambersburg, Pa.
DRAW-GRIP corrugated steel fasteners—Corrugated Steel Nail Co., Springfield, Ohio
DREADNAUGHT road scrapers—Sidney Steel Scraper Co., Sidney, Ohio
DREADNAUGHT tread and cork mats—La Porte Mat & Mfg. Co., La Porte, Ind.
DREADNOUGHT crucible steel—Halcomb Steel Co., Syracuse, N. Y.
DREADNOUGHT high speed tool steel—Halcomb Steel Co., Syracuse, N. Y.
DREADNOUGHT interlocking cork tile—Dreadnought Flooring Co., 154 W. 18th, New York
DREADNOUGHT pneumatic tires—Dreadnought Tire & Rubber Co., Orangeville, Baltimore, Md.
DREADNOUGHT soap makers' presses—Machinery Designing & Mfg. Co., 656 Hudson, New York
DREADNOUGHT tennis racquets—Harry C. Lee & Co., 91 Chambers, New York
DREDNAUT wire cord & rope—Upson-Walton Co. of N. Y., 291 B'way, New York
DREER'S PEERLESS glazier's points—Henry A. Dreer, 714 Chestnut, Phila., Pa.
DREHSCHMIDT'S gas analysis apparatus—Eimer & Amend, 205 3rd av, New York
DRESCOTE floor finish paints & varnishes—Chas. H. Gilman, 103 Merrimac, Boston, Mass.
DRESSER pipe clamps—S. R. Dresser Mfg. Co., Bradford, Pa.
DREYFUS oil & grease cups—Nathan Mfg. Co., 416 E. 106th, New York
DREXEL brake beams—Chicago Railway Equipment Co., 1928 W. 46th, Chicago, Ill.
DREXEL lawn mowers—Phila. Lawn Mower Co., 3107 Chestnut, Phila., Pa.
DRIQUICK paper towels—Union Paper & Twine Co., 125 St. Clair av, N W, Cleveland, O.
DRITHINOL paint oils—Columbia Refining Co., 90 West, New York
DRIWAL waterproofing materials—Billings, Chapin Co., Cleveland, Ohio
DRONSFIELD BROS. card grinding machines—Leigh & Butler, 232 Summer, Boston, Mass.
DROUVE ventilators—G. Drouve Co., 40 Tulip, Bridgeport, Conn.
DRUCKLIEB sand blast barrels & sand blasting helmets—J. M. Betton, 59 Pearl, New York
DRUID PRIMO belting—Druid Oak Belting Co., 111 E. Lombard, Baltimore, Md.
DRUID WATERPROOF belting—Druid Oak Belting Co., 111 E. Lombard, Baltimore, Md.
DRUM Pattern lemon squeezers—Arcade Mfg. Co., Freeport, Ill.
DRUMMOND end flights for screw conveyor—Link-Belt Co., 39th & Stewart av, Chicago, Ill.
DRYCEIL pipe sleeves—Dryceil Pipe Sleeve Co., 351 Lexington av, New York
DUAL churns—Owatonna Mfg. Co., Owatonna, Minn.
DUAL kerosene lamp burners—Edw. Miller & Co., Meriden, Conn.
DU BARRY ivory pyralin toilet articles—The Arlington Works (E. I. du Pont de Nemours & Co.), 21 E. 40th, New York
DU BOIS gas engines—Dubois Iron Works, Dubois, Pa.
DU BRUL cigar bunching machines & tobacco scrap cutting machines—Miller, Du Brul & Peters Mfg. Co., 507 E. Pearl, Cincinnati, Ohio
DUBUQUE hot air registers—Loetscher-Ryan Mfg. Co., Dubuque, Ia.
DU CHARME adjustable wrenches, pipe cutters, pipe vises—Superior Tool Co., Cambridge, Ohio
DU LITE glass mills white, doubles daylight—Harrison Works, 35th & Gray's Ferry rd, Phila., Pa.
DUCHESS oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
DUCHESS water closets—Jas. Barrett Mfg. Co., 117 Pearl, Boston, Mass.
DUCK NEST tuyere irons—Illinois Iron & Bolt Co., Carpentersville, Ill.

DUDE scrubbing brushes—Standard Brush Co., New Hartford, Conn.
DUDLO induction coils—Dudlo Mfg. Co., Ft. Wayne, Ind.
DUET hot water radiators—Gurney Heater Mfg. Co., 188 Franklin, Boston, Mass.
DUET toasters—Union Electric Product Co., Detroit, Mich.
DUFF chain attachment drills—Upton & Gilman Machine Co., Lowell, Mass.
DUFF gas producers—Duff Patents Co., Frick bldg., Pittsburgh, Pa.
DUFF jacks—Duff Mfg. Co., N. S., Pittsburg, Pa.
DUFF-BETHLEHEM hydraulic jacks—Duff Mfg. Co., N. S., Pittsburgh, Pa.
DUFFY wall board—J. P. Duffy Co., 207 E. 138th, New York
DUFFY'S sink strainers—Cassaday Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
DUFOUR bolting cloth—Tobler & Co., 35 S. William, New York
DUGGAN porcelain cleats—Imperial Porcelain Works, Trenton, N. J.
DUKE lubricators—Michigan Lubricator Co., Detroit, Mich.
DUKE oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
DUKE water closets—Jas. Barrett Mfg. Co., 117 Pearl, Boston, Mass.
DULL fine varnish—Samuel F. Woodhouse, Unity & Franklin, Philadelphia, Pa.
DULL gravel washing & screening plants—Raymond W. Dull Co., 111 W. Washington, Chicago, Ill.
DULL'S electric sign flashers—Reynolds-Dull Flasher Co., 18 S. Wells, Chicago, Ill.
DUM-DUM pipe covering—Arco Co., Euclid & E. 65th, Cleveland, O.
DUMORE vacuum cleaners, tool post grinders—Wisconsin Electric Co., 1600 Junction av, Racine, Wis.
DUMPIT sand boxes—J. G. Brill Co., 62nd & Woodland av, Philadelphia, Pa.
DUMPS rubber diaphragms—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
DUMPY levels—Wm. Ainsworth & Sons, Denver, Colo.
DUMPY levels—Bausch & Lomb Optical Co., Rochester, N. Y.
DUMPY levels—Keuffel & Esser Co., Hoboken, N. J.
DUNBAR bidets—J. L. Mott Iron Works, Trenton, N. J.
DUNBAR SPRINGS springs—Dunbar Bros. Co., Bristol, Conn.
DUNCAN transformers & wattmeters—Duncan Electric Mfg. Co., Lafayette, Ind.
DUNDEE cast iron wagon skeins—Illinois Iron & Bolt Co., Carpentersville, Ill.
DUNDON'S cannery retorts—Universal Engineering Co., 462 Fillmore, San Francisco, Cal.
DUNDON'S water tube boilers—Dundon Iron Works, 225 Folsom, San Francisco, Cal.
DUNER car water closets—Duner Co., 116 S. Clinton, Chicago, Ill.
DUNHAM clod crushers & rollers—Dunham Co., Hippodrome bldg, Berea, Ohio
DUNHAM steam traps—C. A. Dunham Co., Marshalltown, Ia.
DUNHAM vaco-vapor heating systems—C. A. Dunham Co., Marshalltown, Ia.
DUNLAP wire wheels—Bridgeport Engineering Co., Stratford, Conn.
DUNLAP'S miners' safety lamps—John Dunlap Co., Gregg, Pittsburgh, Pa
DUNLOP pneumatic tires—G. & J. Tire Co., Indianapolis, Ind.
DUNLOP'S detachable pneumatic tires—Hartford Rubber Works Co., Hartford, Conn.
DUNN trench braces—Duff Mfg. Co., Pittsburg, Pa.
DUNN trench braces—Dunn Mfg. Co., Preble av, N. S., Pittsburgh, Pa.
DUNNING steam & hot water heaters—New York Central Iron Works Co., Hagerstown, Md.
DUNN'S mitre clamps — Burgess-Norton Mfg. Co., Geneva, Ill
DUNSTAN stench traps—Fred. E. Glenn, St. Charles, Ill.
DUNTLEY electric drills, hammers & grinders, pneumatic tools—Chicago Pneumatic Tool Co., Fisher bldg, Chicago, Ill.
DUO NOZZLE lawn sprinklers—H. B. Sherman Mfg. Co., Battle Creek, Mich.
DUO POINT gas irons—Central Flatiron Mfg. Co., Johnson City, N. Y.
DUPLEX asbestos packing—Empire Tire & Rubber Co., East Trenton, N. J.
DUPLEX automobile brakes—Bridgeport, Conn.
DUPLEX barn door hangers—Arnold Co., Norwalk, Conn.
DUPLEX CONE blowers, fans, ventilating apparatus —Howard & Morse, 46 Fulton, New York
DUPLEX boiler feed pumps—Blake Pump & Condenser Co., Fitchburg, Mass.
DUPLEX arc lamp mast arms—Buffalo Specialty Co., 375 Ellicott, Buffalo, N. Y.
DUPLEX automobile trunks & collapsible buckets—Planet Co., Westfield, Mass.
DUPLEX boiler feeders—Kiely & Mueller, 34 W. 13th, New York
DUPLEX brake bands—Royal Equipment Co., Bridgeport, Conn.
DUPLEX brick carriers' clamps—Duplex Mfg. & Foundry Co., Elyria, Ohio
DUPLEX carbureters—Mutual Mfg. Co., Rudd, Ia.
DUPLEX car doors & fittings—Wallace Supplies Mfg. Co., 412 Orleans, Chicago, Ill.
DUPLEX catch basins—Hartford Foundry Corporation, Hartford, Conn.
DUPLEX chains—Hatheway Mfg. Co., Bridgeport, Conn.
DUPLEX chute fire escapes—P. Rieseck, Allegheny av & Rebecca, N. S., Pittsburgh, Pa.
DUPLEX concrete hangers, joist hangers, wall boxes, post caps & bases—Duplex Hanger Co., E. 53rd & Lakeside av, Cleveland, Ohio
DUPLEX corn & cob mills, feed grinding mills—Duplex Mill & Mfg. Co., Springfield, Ohio
DUPLEX door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
DUPLEX eyelet machines—United Shoe Machinery Co., Boston, Mass.
DUPLEX expansion bolts—Isaac Church, South Norwalk, Conn.
DUPLEX fireless cookers—Durham Mfg. Co., Muncie, Ind.
DUPLEX flexible battery connectors & terminal lugs & wire connectors—Bliss-Chester Co., 31 Mathewson, Providence, R. I.
DUPLEX fruit evaporators & hop furnaces—Munnsville Plow Co., Munnsville, N. Y.
DUPLEX garment hangers—Rocky Hill Hardware Co., Rocky Hill, Conn.
DUPLEX log turners—Edwards Mfg. Co., Laceyville, Pa.
DUPLEX milling machines—W. B. Knight Machinery Co., 2019 Lucas av, St. Louis, Mo.
DUPLEX mitre & clamping machines, molding sander machines, veneer drying machines — Duplex Moulding Sander Co., Hornell, N. Y.
DUPLEX paint & white wash spraying machines & ratchet handle pumps—F. E. Myers & Bro., Ashland, Ohio
DUPLEX pipe cutting & threading machines—Bignall & Keeler Machine Works, Edwardsville, Ill.
DUPLEX postage stamp vending machines—Midland Supply Co., Davenport, Ia.
DUPLEX pumping jacks & tank heaters & windmills—Duplex Mfg. Co., Superior, Wis.
DUPLEX rod boring machines — Newton Machine Tool Works, Phila., Pa.
DUPLEX safety pins—Consolidated Safety Pin Co., Bloomfield, N. J.
DUPLEX safety valves—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
DUPLEX sand sifters—Brown Specialty Machinery Co., 2440 W. 22nd, Chicago, Ill.
DUPLEX sash operating device—Payson Mfg. Co., 2918 W. Jackson blvd, Chicago, Ill.
DUPLEX seals—Keystone Seal & Press Co., 30 Main, New York
DUPLEX sewage ejectors—Chicago Pump Co., 906 W. Lake, Chicago, Ill.
DUPLEX stock, dies, thread cutting tools, taps, die & screw plates—Hart Mfg. Co., Cleveland, Ohio
DUPLEX stove pipes & elbows—Hemp & Co., Vandeventer nr. Shaw, St. Louis, Mo.
DUPLEX telegraph apparatus—J. H. Bunnell & Co., 32 Park pl, New York
DUPLEX track levels—Fairbanks, Morse & Co., 900 S. Wabash av, Chicago, Ill.
DUPLEX tube scrapers—Sherwood Mfg. Co., 1710 Elmwood av, Buffalo, N. Y.
DUPLEX vacuum cleaners—Ramey Co., Chillicothe, Ohio
DUPLEX water heaters—A. D. Gordon, 231 Franklin, Buffalo, N. Y.
DUPLEX weighing machines—E. Edtbauer, 817 Washington blvd, Chicago, Ill.
DUPLEX wire stretchers—Burgess-Norton Mfg. Co., Geneva, Ill.
DUPLEX stuff pumps—Dillon Machine Co., Lawrence, Mass.
DUPLEX CROWN steam & hot water heaters—U. S. Heating & Plbg. Co., 744 W. Court, Cincinnati, O.

DUPLIMERGE thermometers—C. J. Tagliabue Mfg. Co., 18 33d, Brooklyn, N. Y.
DU PONT blasting powder, explosives, blasting caps, cap crimpers, connecting wire, electric squibs, thawing kettles, blasting supplies, leading wire, rheostats, galvanometers, blasting machines, tamping bags, fireworks powder, hand trap (for throwing clay targets), electric, waterproof electric & delay electric blasting caps & Du Pont delay electric igniters—du Pont de Nemours & Co., (E. I.), Wilmington, Del.
DU PONT BULK shot gun powders (for export only) —du Pont de Nemours & Co. (E. I.), Wilmington, Del.
DU PONT chemicals—Du Pont Chemical Works, 120 B'way, New York
DU PONT DENSE shot gun powder (for export only) —du Pont de Nemours & Co. (E. I.), Wilmington, Del.
DU PONT No. 1 smokeless rifle powder—du Pont de Nemours & Co. (E. I.), Wilmington, Del.
DU PONT PISTOL POWDER No. 3—du Pont de Nemours & Co. (E. I.), Wilmington, Del.
DU PONT RIFLE powder—du Pont de Nemours & Co. (E. I.), Wilmington, Del.
DUPREE tank lugs—T. W. Snow Construction Co., 537 S. Dearborn, Chicago, Ill.
DUQUESNE graphite paints—W. W. Lawrence Co., Pittsburgh, Pa.
DUQUESNE hunters' axes—American Axe & Tool Co., Glassport, Pa.
DUQUESNE metal polish—Duquesne Polish Co., 53 S. 15th, Pittsburgh, Pa.
DUQUESNE rail points—Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
DURABILITY packing—Advance Packing & Supply Co., 11-15 N. Franklin, Chicago, Ill.
DURABLA packing, gaskets, valve discs—Durabla Mfg. Co., 114 Liberty, New York
DURABLE rubber roofing—McHenry-Millhouse Mfg. Co., South Bend, Ind.
DURABLE rubber sheet packing—Acme Rubber Mfg. Co., Trenton, N. J.
DU-RA-BUL carbon paper & typewriter ribbons—Republic-Dodge Mfg. Co., 188 3rd av, Brooklyn, N. Y.
DURADUCT flexible metallic conduits—Tubular Woven Fabric Co., Pawtucket, R. I.
DURAFLEX shoe covers—Endura Mfg. Co, 63rd & Eastwick av, Phila., Pa
DURAGRAPH time recorders & cost keeping system clocks—Automatic Time Stamp Co., 159 Congress, Boston, Mass.
DURALITE varnishes—Atlantic Varnish Works, Inc., Richmond, Va.
DURAM vacuum air valves—Imperial Brass Mfg. Co., 524 S. Racine av, Chicago, Ill.
DURAND steel lockers —Durand-Steel Locker Co., 1435 Ft. Dearborn Bank bldg, Chicago, Ill.
DURANT revolution counters—W. N. Durant Co., Milwaukee, Wis.
DURATEX artificial leather—Duratex Co., Newark, N. J.
DURATEX cords for switchboards & telephones—Stromberg Carlson Tel. Co., Rochester, N. Y.
DURATOP artificial leather—Duratex Co., Newark, N. J.
DURBIN safety car couplers—Scullin-Gallagher Iron & Steel Co., 6700 Manchester av, St. Louis, Mo.
DURBON carbon paints—Chas. Moser Co., Cincinnati, Ohio
DURCO wood preservatives—Duryea Mfg. Co., Bayonne, N. J.
DURECO forge blowers—National-Standard Co., P. O. Box 211, Niles, Mich.
DURHAM drainage systems—E. Baggot Co., 21 E. Lake, Chicago, Ill.
DURHAM floor flanges—Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
DURIRON acid castings, acid proof pipe & jets & stirrers, valves, chemical pans, steam ejectors, pumps, acid eggs & cocks—Duriron Castings Co., Dayton, Ohio
DURISTO paints—Duristo Paint Co., Newport News, Va.
DURKEE electric rock drills—Mine & Smelter Supply Co., 42 Broadway, New York
DURKIN AUTOMOTONEER handles—Electric Service Supplies Co., Philadelphia, Pa.
DURO belting—Duckwall Belting & Hose Co., 201 N. West, Indianapolis, Ind.
DURO blow-off valves—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
DURO electric house pumps—Burnett Larsh Mfg. Co., Dayton, Ohio
DURO flexible cords—Chas. H. McEvoy, Lowell, Mass.
DURO gasoline blast furnaces—L. Wolff Mfg. Co., 111 N. Dearborn, Chicago, Ill.
DURO rubber roofing—Union Paper & Twine Co., 125 St. Clair av, N. W., Cleveland, Ohio
DURO storage batteries—Vivax Storage Battery Co., 219 E. 24th, Chicago, Ill.
DURO water supply systems—Burnett-Larsh Mfg. Co., Dayton, Ohio
DURO welded tanks, knock down tanks, grain bins, road culverts & silos—C. C. Fouts Co., 650 Woodlawn av, Middletown, Ohio
DUROLOID cement mill balls—Los Angeles Foundry Co., Los Angeles, Cal.
DURTOUT priming cups—C. E. Duryea Co., Saginaw, Mich.
DUST DOOM sweeping compounds—J. F. Herne Co., Sanford, Boston, Mass.
DUSTDOWN sweeping compounds—Fitch Dust Down Co., 1028-36 W. Front, Cincinnati, Ohio
DUSTINE sweeping compounds—Velvetta Mfg. Co., 142 N. 4th, Philadelphia, Pa.
DUSTITE respirators—Walter Soderling, Inc., 347 W. B'way, New York
DUSTOLINE road preservatives—Dustoline for Roads Co., Summit, N. J.
DUSTOLINE sweeping compounds—Continental Mfg. Co., Indianapolis, Ind.
DUTCH BOY PHOENIX babbit metal—National Lead Co., 111 B'way, New York
DUTCH BOY white & red lead & linseed oil—National Lead Co., 111 Broadway, New York
DUTCHER loom temples—Draper Corp., Hopedale, Mass.
DUTCHESS garden barrows—Thos. McWhinnie, Poughkeepsie, N. Y.
DUTCHLESS cotton planting drills—Moline Plow Co., Moline, Ill.
DUTTON sickel grinders—Cutaway Harrow Co., Higganum, Conn.
DUVAL bidets—J. L. Mott Iron Works, Trenton, N. J.
DUVAL metallic packing—Power Specialty Co., 111 Broadway, New York
DUX-BAC metallic shingles—Eller Mfg. Co., Canton, O.
DUXBAK belting & belt lacing—Chas. A. Schieren & Co., 30 Ferry, New York
DUX DE LUX water proof paper—Hollingsworth & Whitney Co., 185 Devonshire, Boston, Mass.
DUX-FUT baseball gloves—Chicago Sporting Goods Mfg. Co., 123 S. Jefferson, Chicago, Ill.
DWARF oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
DWIGHT marking machines—Noble & Westbrook Mfg. Co., Hartford, Conn.
DWIGHT SLATE drilling machines—Bilton Machine Tool Co., Bridgeport, Conn.
D-X bridle rings—Diamond Expansion Bolt Co., 89 West, New York
DYAR portable air compressors, sand & gravel heaters & dryers—Dyar Supply Co., 66 B'way, Cambridge, Mass.
DYBIE reversing valves—Morgan Construction Co., Worcester, Mass.
DYER multiple effects evaporators—Dyer Co., Cleveland, Ohio
DYER trolley ears—Chester Ry. Supply Co., Chester, Pa.
DYNALITE dynamite—American Dynalite Co., Amherst, Ohio
DYNAMO sheet metal brushes—Perfection Supply Co., 98 Park pl, New York
DYNETO isolated light plants—Dyneto Elec. Corp., Syracuse, N. Y.

E. B. alloy & carbon steel—Atlas Crucible Steel Co., Dunkirk, N. Y.
E-B automobile trailer trucks—Emerson-Brantingham Co., Rockford, Ill.
E.-C. automobile tire holders—E.-C. Sales Co., 140 W. Van Buren, Chicago, Ill.
E. C. smokeless shotgun powders—Hercules Powder Co., Wilmington, Del.
E. D. wagon gears—E. D. Gear Mfg. Co., Westfield, N. Y.
E. E. B. canopy insulators—E. E. Bechtold, 1928 Wabash av, Chicago, Ill.
E. G. B. commutator compounds—Troy Electrical Co., Troy, N. Y.
E. H. gas burners—D. M. Steward Mfg. Co., Chattanooga, Tenn.
E. I. C. spark plugs—Post & Lester Co., Hartford, Conn.
E.-I.-E. staybolt iron—Ewald Iron Co., Louisville, Ky.
E. J. E. foundry cupolas—E. J. Etting, Land Title bldg., Phila., Pa.
E. K. & M. can body making & soldering machines—Seattle-Astoria Iron Works, Seattle, Wash.

E. M. TALOR automobile wind shields—English & Mersick Co., New Haven, Conn.
E. R. AUTOFILTER gasoline strainers—Bousman Mfg. Co., Grand Rapids, Mich.
E. S. elevator guide lubricators—Elevator Supplies Co., Hoboken, N. J.
E. S. E. blow-off valves—Sargent Co., Fisher bldg., Chicago, Ill.
E. Z. bed springs—Lewis-Weller Mfg. Co., Utica, N. Y.
E-Z brazing & welding compounds—Anti-Borax Compound Co., Fort Wayne, Ind.
E-Z-BREEZE fans—Charles Schindler, Toledo, Ohio
E. Z. desk telephone brackets—American Electric Co., 6401 S. State, Chicago, Ill.
E. Z. grass catchers—Specialty Mfg. Co., St. Anthony Park, Minn.
E-Z hand vacuum cleaners—Warner Co., Muncie, Ind.
E. Z. jacks—Oliver Mfg. Co., 326 S. Desplaines, Chicago, Ill.
E. Z. nail pullers—Bradley & Farnham, Middlefield, Conn.
E. Z. paint & varnish remover—D. B. Crockett, Bridgeport, Conn.
E. Z. polishes—Martin & Martin, 3005 Carroll, Chicago, Ill.
E Z rug exhibitors—Consolidated Carpet Sewing Machine Co., Bridgeport, Conn.
E-Z switch boxes—Economy Switchbox & Mfg. Co., Cleveland, Ohio
E-Z tire air pumps—A. Wissler Instrument Mfg. Co., Broadway & Wash. av, St. Louis, Mo.
E. Z. WAY storm sash hangers—W. J. Dennis & Co., 2120 W. Lake, Chicago, Ill.
E. Z. C. thermometers—C. J. Tagliabue Mfg. Co., 18 33d, Brooklyn, N. Y.
E-Z-KETCH rat traps—E-Z Mfg. Co., Galesburg, Ill.
E. Z. Q. metal polish—Bobrick Chemical Co., Los Angeles, Cal.
E-Z SEAL fruit jars—Hazel Atlas Glass Co., Wheeling, W. Va.
E. Z. SET boring tools—F. A. Maxwell Machine Co., 1011 Power av, Cleveland, Ohio
E Z Y egg & cream beaters—Holt-Lyon Co., Tarrytown, N. Y.
E. & A. electric furnaces & filter paper—Eimer & Amend, 205 3rd av, New York
E. & J. oil marine lamps—Edmunds & Jones Corp., Detroit, Mich.
E. & K. lubricating oils & greases—R. J. Kanter Co., 647 Water, New York
EACO insulating tape—Electric Appliance Co., 701 W. Jackson blvd., Chicago, Ill.
EACO lubricating oils & greases—Economy Oil Co., 13th & Clinton, Chicago, Ill.
EAGLE alkali, bi-carbonate of soda, caustic soda, sap stain preventive—Mathieson Alkali Works, 53 Canal, Providence, R. I.
EAGLE anvils—Fisher & Norris, Trenton, N. J.
EAGLE asphalt roofing—Schillinger Bros. Co., Detroit, Mich.
EAGLE belt fasteners—Manufacturers' Belt Hook Co., 1321 W. Congress, Chicago, Ill.
EAGLE belt rivets—Plume & Atwood Mfg. Co., Waterbury, Conn.
EAGLE boiler injectors — Sherwood Mfg. Co., 1710 Elmwood av, Buffalo, N. Y.
EAGLE calcined plasters—Grand Rapids Plaster Co., Grand Rapids, Mich.
EAGLE corbon paper & typewriter ribbon—American Ribbon & Carbon Co., Rochester, N. Y.
EAGLE carriage bolts—Clinton E. Hobbs, 12 Pearl, Boston, Mass.
EAGLE cement—Cape Girardeau Portland Cement Co., Cape Girardeau, Mo.
EAGLE cotton ginning machinery—Continental Gin Co., Birmingham, Ala.
EAGLE dry pans—Eagle Iron Works, Des Moines, Ia.
EAGLE dry pans—Fernholtz Brick Machinery Co., Boyle & Vandevant av, St. Louis, Mo.
EAGLE faucets & washer cutters—Chas. I. Allen, Pequabuck, Conn.
EAGLE files—Nicholson File Co., Providence, R. I.
EAGLE fire hose—Eureka Fire Hose Mfg. Co., 13 Barclay, New York
EAGLE fluting machines—North Bros. Mfg. Co., Lehigh av & American, Phila., Pa.
EAGLE fly traps—National Mfg. Co., Worcester, Mass.
EAGLE fly traps—Reynolds Wire Co., Dixon, Ill.
EAGLE gasoline engines & fodder cutters & tractors—Eagle Mfg. Co., Appleton, Wis.
EAGLE glue—International Glue Co., 24 T. Wharf, Boston, Mass.
EAGLE grease buckets & sewer buckets—Eagle Glass & Mfg. Co., Wellsburg, W. Va.
EAGLE hay carriers—Appleton Hay Tool Co., Appleton, Wis.
EAGLE hydrants—Rumsey Pump Co., Ltd., Seneca Falls, N. Y.
EAGLE lamp black—L. Martin Co., 81 Fulton, New York
EAGLE lawn mowers—Philadelphia Lawn Mower Co., 31st & Chestnut, Phila., Pa.
EAGLE lawn swings—A. Buch's Sons Co., Elizabethtown, Pa.
EAGLE listers—Swanson Plow Co., Muskogee, Okla.
EAGLE lunch boxes—Reading Saddle & Mfg. Co., Reading, Pa.
EAGLE marine engines—Torrington Co., the plant, Standard, Torrington, Conn.
EAGLE miners' safety lamps—Geo. T. Anton & Bro., Monongahela, Pa.
EAGLE oil & grease cups—Detroit Shipbuilding Co., Detroit, Mich.
EAGLE oil stoves & heaters—Grinberg Bros., 154 South, New York
EAGLE packing—Revere Rubber Co., Chelsea, Mass.
EAGLE packing, hose—Empire Tire & Rubber Co., East Trenton, N. J.
EAGLE plumbers' solder—Eagle Picher Lead Co., 208 S. La Salle, Chicago, Ill.
EAGLE roof snow guards—J. H. Fulmer, Nazareth, Pa.
EAGLE rubber covered wire—Marion Insulated Wire & Rubber Mfrs.—Marion, Ind.
EAGLE rubber horse shoe pads—Firestone Tire & Rubber Co., Akron, Ohio
EAGLE shoe blacking & polishes—American Shoe Polish Co., 810 N. Franklin, Chicago, Ill.
EAGLE springs—Miller & Van Winkle, 18 Bridge, Brooklyn, N. Y.
EAGLE stocks and dies—American Tap & Die Co., Greenfield, Mass.
EAGLE stove clay—Williams Stove Lining Co., Taunton, Mass.
EAGLE stove polish—Nickel Plate Stove Polish Co., 362 E. Illinois, Chicago, Ill.
EAGLE tungsten lamps—Boston-Economy Lamp Div. National Lamp Works of G. E. Co., 43 Hospital, Providence, R. I.
EAGLE upholsterers' tacks—Turner & Seymour Mfg. Co., Torrington, Conn.
EAGLE varnish—Emil Calman & Co., 100 William, New York
EAGLE wax tapers—Columbia Wax Works, 751 E. 137th, New York
EAGLE white lead in oil; red lead—The Eagle Picher Lead Co., 208 S. La Salle, Chicago, Ill.
EAGLE wood fibre plaster—American Cement Plaster Co., Lawrence, Kan.
EAGLE wringers—Eagle Woodenware Mfg. Co., Hamilton, Ohio
EAGLEINE disinfectants, lubricating oils & greases, & packing—Eagle Oil & Supply Co., 45 India, Boston, Mass.
EAGLEINE HOLDFAST belt dressing—Eagle Oil & Supply Co., 45 India, Boston, Mass.
EAGLE JUNIOR listers—Swanson Plow Co., Muskogee, Okla.
EAGLE PASTE stove polish—Williams Stove Lining Co., Taunton, Mass.
EAMES draft gauges—Chas. J. Tagliabue Mfg. Co., 20 33rd, Brooklyn, N. Y.
EAMES halter trimmings—Frazer & Jones Co., Syracuse, N. Y.
EAMES rubber diaphragms—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
EARLE lace leather cutters—Greene, Tweed & Co., 109 Duane, New York
EARLES'S ventilators—Berger Bros. Co., 229 Arch, Phila., Pa.
EARLE'S ventilators—Pullman Automatic Ventilator Mfg. Co., York, Pa.
EARLEY steam & hot water heaters—Wm. Earley, 1216 Ridge av, Philadelphia, Pa.
EARLY BIRD contractors' plows—Slussey-McLean Scraper Co., Sidney, Ohio
EARLY BIRD riding listers—St. Joseph Plow Co., St. Joseph, Mo.
EARLY'S commutator compounds—Edw. E. Early Co., Canton, Ohio
EASE rubber heels—Boston Woven Hose & Rubber Co., Cambridge, Mass.
EASE-ON belt dressing—Mt. Vernon Belting Co., 333 Warren av, Baltimore, Md.
EASIEST WAY clothes washing machines—Easiest Way Mfg. Co., Sandusky, Ohio
EASTERN hame tips—Frazer & Jones Co., Syracuse, N. Y.
EAST INDIA cochin oils—Welch, Holme & Clark Co., 383 West, New York
EAST LAKE hip ornamental shingles—W. J. Burton Co., Junction & Federal, Detroit, Mich.

EASTMAN cloth cutting machines—Eastman Machine Co., 779 Washington, Buffalo, N. Y.
EASTMAN'S marble—Tompkins Kiel Marble Co., 505 5th av, New York
EASTON'S furniture polish—Bridgeport Wood Finishing Works (Du Pont), Phila., Pa.
EASY bench punches—Butts & Ordway Co., 33 Purchase, Boston, Mass.
EASY bolt clippers—H. K. Porter, 6 Ashland, Everett, Mass.
EASY car movers—E. H. Stafford Mfg. Co., 218 S. Wabash av, Chicago, Ill.
EASY cultivators—Ohio Cultivator Co., Bellevue, Ohio
EASY door hangers—Lawrence Bros., Sterling, Ill.
EASY hay presses—W. H. Stopple, Dallas, Tex.
EASY incandescent lamp repiacers—W. N. Matthews & Bro., 3722 Forest Park blvd., St. Louis, Mo.
EASY lawn mowers—Blair Mfg. Co., Springfield, Mass.
EASY lemon squeezers—H. C. Hart Mfg. Co., Unionville, Conn.
EASY swatters—Parker Wire Goods Co., Worcester, Mass.
EASY tile concrete molds—Cement Tile Machinery Co., Waterloo, Ia.
EASY trip hammers—Mayer Bros. Co., Mankato, Minn.
EASY wringers & mops—U. S. Mop Co., Toledo, Ohio
EASYBRIGHT metal polish, stove polish—B. F. Stinson Co., Buffalo, N. Y.
EASY CUTTING hoof parers—Heller Bros. Co., 879 Mt. Prospect av, Newark, N. J.
EASY EMPTYING grass catchers—Specialty Mfg. Co., St. Anthony, Park, Minn.
EASY FLOW oil cans—Bumann Mfg. Co., Litchfield, Ill.
EASY GRIP EXTENSION hack saw frames—West Haven Mfg. Co., West Haven, Conn.
EASY HOLD punches and nail sets—West Haven Mfg. Co., West Haven, Conn.
EASY LIFT walking & riding cultivators—Kingman Plow Co., Peoria, Ill.
EASY LIFT sad iron handles—Reading Saddle & Mfg. Co., Reading, Pa.
EASYLOCK stove pipe & elbow—Jackes-Evans Mfg. Co., Main & Tyler, St. Louis, Mo.
EASY MONEY riding listers, easy rider stalk cutters—Moline Plow Co., Moline, Ill.
EASY RIDER stalk cutters—Moline Plow Co., Moline, Ill.
EASY-SETTING WOOD CHOKER rat traps—Lovell Mfg. Co., Erie, Pa.
EASY TASK washboards—John A. Lawn, Lewistown, Pa.
EASY WAY cultivators—Racine-Sattley Co., Springfield, Ill.
EASY WAY hay loaders—Sandwich Mfg. Co., Sandwich, Ill.
EATON axes—Dunn Edge Tool Co., Oakland, Me.
EBERHARDT lathe tools & tool holders—Union Tool Co., Orange, Mass.
EBINGER urinal stalls—D. A. Ebinger Sanitary Mfg. Co., 181 Lucas, Columbus, O.
EBONITE gaskets, air drills hose, packing, tubing, pump valves—Quaker City Rubber Co., 629 Market, Phila., Pa.
EBONITE lacquer—Nubian Paint & Varnish Co., 1856 Leclaire av, Chicago, Ill.
EBONY round belting—Missouri Belting Co., Grand & La Salle, St. Louis, Mo.
EBSEN oil extractors—Griscom-Russell Co., 92 West, New York
ECCENTRIC curtain fasteners—Cranal, Stone & Co. Division, The Brewer-Tichenor Corp., Binghamton, N. Y.
ECCENTRIC spark timers—A. R. Mosler & Co., Mt. Vernon, N. Y.
ECHO spark plugs—Electrolamp Co., Detroit, Mich.
ECHO toys, games & novelties—Bregwoodkro Stamping & Mfg. Co., Lorain, Ohio
ECHOLS thread taps—Pratt & Whitney Co., Hartford, Conn.
ECK HIGH GRADE motors & generators—Eck Dynamo Motor Co., Belleville, N. J.
ECKO confectioners' gas furnaces—Edw. Katzinger Co., 122 N. Peoria, Chicago, Ill.
ECKSTROMER storage batteries—American Storage Battery Co., Albro, Boston, Mass.
ECLIPSE adjustable chain wrenches—Hilts Wrench & Mfg. Co., Richford, N. Y.
ECLIPSE air brushes—Eclipse Air Brush & Compressor Co., 79 Orange, Newark, N. J.
ECLIPSE annealing furnaces, melting furnaces & glue heaters—Eclipse Fuel Engineering Co., 100 Forbes, Rockford, Ill.
ECLIPSE annunciators—Moon Mfg. Co., 122 N. Jefferson, Chicago, Ill.
ECLIPSE bakers' bread mixers—Sumner Mfg. Co., Boston, Mass.
ECLIPSE boiler injectors—Jas. A. Griffiths, 1317 Buttonwood, Phila., Pa.
ECLIPSE BENDIX gasoline motor starter—Eclipse Machine Co., Elmira, N. Y.
ECLIPSE bottom dumping buckets—Lakewood Engineering Co., Cleveland, Ohio
ECLIPSE box straps—Dellaven Mfg. Co., 50 Columbia Hgts, Brooklyn, N. Y.
ECLIPSE bread mixers—Manning, Bowman & Co., Meriden, Conn.
ECLIPSE brushes—A. L. Sonn Brush Co., Troy, N. Y.
ECLIPSE car fenders & wheel guards—Eclipse Railway Supply Co., 4824 Payne av, Cleveland, Ohio
ECLIPSE carbureters—Generator Valve Co., 296 Taaffe pl, Brooklyn, N. Y.
ECLIPSE ceiling hooks—E. Jencks Mfg. Co., Worcester, Mass.
ECLIPSE centrifugal pumps—United Iron Works, Oakland, Cal.
ECLIPSE closet seats—C. F. Church Mfg. Co., Holyoke, Mass.
ECLIPSE cobblers' outfits—Root-Heath Mfg. Co., Plymouth, Ohio
ECLIPSE Corliss engines—Frick Co., Waynesboro, Pa.
ECLIPSE cotton mops—C. H. Ellert, Evansville, Ind.
ECLIPSE cotton planters—S. R. White's Sons, Norfolk, Va.
ECLIPSE cotton rope—Anniston Cordage Co., Anniston, Ala.
ECLIPSE cultivators—J. I. Case Plow Works, Racine, Wis.
ECLIPSE currycombs—New York Stamping Co., N. 11th & Berry, Brooklyn, N. Y.
ECLIPSE disc harrows—J. Thompson Plow Works, Beloit, Wis.
ECLIPSE door checks—Sargent & Co., New Haven, Conn.
ECLIPSE electric bells—P. R. Mfg. Co., Detroit, Mich.
ECLIPSE electric illuminated signs—Kanneberg Roofing & Ceiling Co., Canton, Ohio
ECLIPSE electric lamp flashlights—Universal Novelty Works, 164 5th av, New York
ECLIPSE exhaust heads—Foxboro Company, The, succeeding Industrial Instrument Co., Foxboro, Mass.
ECLIPSE fanning mills—Johnson & Field Mfg. Co., Racine, Wis.
ECLIPSE faucets—Chas. I. Allen, Pequabuck, Conn.
ECLIPSE finger nail clippers—Chas. Geider, Jr., Ansonia, Conn.
ECLIPSE fire hose reels—Wirt & Knox Mfg. Co., 22 N. 4th, Phila., Pa.
ECLIPSE fire hydrants, shoe blacking foot rests, shoe lasts & stands, shoemaker's hammers—John C. Kupferle Foundry Co., 1st & Wright, St. Louis, Mo.
ECLIPSE folding wall clothes dryers, ironing boards & towel bars—Eclipse Co., North Girard, Pa.
ECLIPSE gas heaters, ranges, laundry stoves, toasters—Eclipse Gas Stove Co., Rockford, Ill.
ECLIPSE gas stoves & steel ranges—Eclipse Stove Co., Mansfield, Ohio
ECLIPSE gas & gasoline pumping engines, pumps, windmills, dry batteries, clutches, asphalt roofing, friction clutch couplings & pulleys—Fairbanks, Morse & Co., 900 S. Wabash av, Chicago, Ill.
ECLIPSE gasoline engines—Harms Bros., 1730 Thames, Baltimore, Md.
ECLIPSE glass canister—Steinfeld Bros., 116 W. 32nd, New York
ECLIPSE half smokeless powder—Robbin Hood Ammunition Co., Swanton, Vt.
ECLIPSE hand corn planters—F. E. Kohler Co., Canton, Ohio
ECLIPSE hose nozzles & rubber heels—Boston Woven Hose & Rubber Co., Cambridge, Mass.
ECLIPSE hot air furnaces—Buckwalter Stove Co., Royersford, Pa.
ECLIPSE incandescent gas mantles—Eclipse Light Co., 51 E. 110th, New York
ECLIPSE incubators & brooders—Des Moines Incubator Co., Des Moines, Ia.
ECLIPSE kitchen knives—Christy Knife Co., Fremont, Ohio
ECLIPSE lawn mowers—Eclipse Lawn Mower Co., Prophetstown, Ill.
ECLIPSE locomotive injectors—Jas. A. Griffiths, 1317 Buttonwood, Phila., Pa.
ECLIPSE marine engines—Harms Bros., 1730 Thames, Baltimore, Md.

ECLIPSE mortar color—Chattanooga Paint Co., Chattanooga, Tenn.
ECLIPSE oil cabinets & tin oil pumps—R. E. Chapin Mfg. Works, Batavia, N. Y.
ECLIPSE packing—General Asbestos Rubber Co., Charleston, S. C.
ECLIPSE packing—Peerless Rubber Mfg. Co., 31 Warren, New York
ECLIPSE paint & varnish remover—Gould & Cutler, 45 Sudbury, Boston, Mass.
ECLIPSE paints—Reisenmann Mfg. Co., Franklin, Pa.
ECLIPSE paper hanger trimmers—A. Allen & Co., 2001 Carpenter, Phila., Pa.
ECLIPSE pipe hooks—Thos. Devlin Mfg. Co., 3rd & Lehigh av, Phila., Pa.
ECLIPSE pneumatic ink wells—General Eclipse Co., Danielson, Conn.
ECLIPSE pneumatic rock drills—C. H. Shaw Pneumatic Tool Co., Denver, Colo.
ECLIPSE portable grain elevators—O'Neil, T. L., Implement Co., Marseilles, Ill.
ECLIPSE potato diggers—Deere & Co., Moline, Ill.
ECLIPSE pump governors, pipe hangers, steam traps & valves—Hughson Steam Specialty Co., W. 21st & S. Racine av, Chicago, Ill.
ECLIPSE roll paper cutters—Hilts Wrench & Mfg. Co., Richford, N. Y.
ECLIPSE safety fuse, special taped safety fuse—du Pont de Nemours & Co. (E. I.), Wilmington, Del.
ECLIPSE smoke indicators—G. L. Simond & Co., 320 S. La Salle, Chicago, Ill.
ECLIPSE spray pumps—Morrill & Morley Mfg. Co., Benton Harbor, Mich.
ECLIPSE springs, hooks, brush holders, kitchen wire goods, stove lid lifters, pokers, towel rods, wire products, locks—Morgan Spring Co., Worcester, Mass.
ECLIPSE steel wire mats—La Porte Mat & Mfg. Co., La Porte, Ind.
ECLIPSE stone unloaders—Galion Iron Works & Mfg. Co., Galion, Ohio
ECLIPSE valves—Illinois Engineering Co., 5027 South State, Chicago, Ill.
ECLIPSE wagon jacks—Torrey Bros. Co., Central Village, Conn.
ECLIPSE waste oil presses—Strong Machinery & Supply Co., 21 Walker, New York
ECLIPSE wire stretchers—Milwaukee Hay Tool Co., Milwaukee, Wis.
ECLIPSE. 4 LEVER padocks—Slaymaker Lock Co., Lancaster, Pa
ECLIPSE. 6 LEVER padlocks—Slaymaker Lock Co., Lancaster, Pa.
ECLO motor boats, launches & yachts—Electric Launch Co., Bayonne City, N. J.
ECLYPSE aeroplane & bicycle hubs—Eclipse Machine Co., Elmira, N. Y.
ECLYPSE drill chucks—Nielson-Barton Chuck Co., 106 S. Jefferson, Chicago, Ill.
ECO electric door switches—Edwards & Co., Exterior av & 140th, New York
ECO piston rings—Eco Mfg. Co., Exchange bldg., Boston, Mass.
ECONO expanded metal—North Western Expanded Metal Co., Old Colony bldg, Chicago, Ill.
ECONOMIC boilers—Erie City Iron Works, Erie Pa.
ECONOMIC bottle washing machinery—Loew Mfg. Co., 9100 Madison av, N. W., Cleveland, Ohio
ECONOMIC electric pumps—Bleyle Electric Co., 84 Cortlandt, New York
ECONOMIC house heating boilers—Frank Prox Co., Terre Haute, Ind.
ECONOMIC lead melting furnaces—A. P. Smith Mfg. Co., East Orange, N. J.
ECONOMIC lime spreaders—Hench & Dromgold Co., York, Pa.
ECONOMICAL cobblers' outfits—Root-Heath Mfg. Co., Plymouth, Ohio
ECONOMIZER gas engines—H. L. Chapman, Marcellus, Mich.
ECONOMY belt shifters—L. T. Hagan, Winchester, Ky.
ECONOMY box straps—W. F. Robertson Steel & Iron Co., Elm & Commerce, Cincinnati, Ohio
ECONOMY BRAND brazing flux—Economy Welding Machine Co., Kansas City, Mo.
ECONOMY bread & cake mixers—L. A. Carpenter Press Metal Co., Cambridge, Mass.
ECONOMY clothes washing machines—Ohio Pump & Brass Co., Columbus, Ohio
ECONOMY cobblers' outfits—Root-Heath Mfg. Co., Plymouth, Ohio
ECONOMY cold saw cutting off & electric driver & structural steel shaped saws, hack saws, saw blades & frames, circular for metal cutting off—W. Roberson Machine & Foundry Co., 56 Rano, Ruffalo, N. Y.
ECONOMY cotton mops—C. H. Ellert, Evansville, Ind.
ECONOMY cutting & drilling compounds & valve grinding compounds—White & Bagley Co., Worcester, Mass.
ECONOMY desk telephone brackets—American Electric Co., 6401 S. State, Chicago, Ill.
ECONOMY disc harrows, seeders & sowers & seeder attachments—Moline Plow Co., Moline, Ill.
ECONOMY drag line excavators, dredging buckets, sewer & trench & excavating machines—Gage Excavating Co., Iowa Falls, Ia.
ECONOMY electric bells—Edwards & Co., Exterior av & 140th, New York
ECONOMY expanded metal lath—Brier Hill Steel Co., Youngstown, Ohio
ECONOMY foot guards & headrods—Economy Separable Switch Point Co., Louisville, Ky.
ECONOMY fuel gas burners—Chatfield & Sharp, Jamestown, N. Y.
ECONOMY garbage disposal plants—Guardian Gas Appliance Co., 3409 Superior, Cleveland, Ohio
ECONOMY gas ranges—Economy Stove Co., Cleveland, Ohio
ECONOMY gasoline gas machines—Economy Gas Machine Co., Rochester, N. Y.
ECONOMY gasoline lighting systems—Economy Gas Lamp Co., 213 Goodrich, Kansas City, Mo.
ECONOMY grinding hoods—Kirk & Blum, York & Western av, Cincinnati, Ohio
ECONOMY hot air furnaces—International Heater Co., Utica, N. Y.
ECONOMY lubricating oils & greases—Economy Oil Co., 13th & Clinton, Chicago, Ill.
ECONOMY mailing bags—Bemis Bro. Bag Co., 601 S. 4th. St. Louis, Mo.
ECONOMY manganese bronze rods—Economy Welding Machine Co., Kansas City, Mo.
ECONOMY manual training benches—Economy Mfg. Co., 508 Commerce, Phila., Pa.
ECONOMY oil filters—G. W. Galloway, 322 Pearl, New York
ECONOMY pipe joint cements—Modern Iron Works, Quincy, Ill.
ECONOMY poultry fountains—Oakes Mfg. Co., Tipton, Ind.
ECONOMY railroad tie plates—Spencer, Otis Co., 80 E. Jackson blvd, Chicago, Ill.
ECONOMY railroad tie plates—Whitaker-Glessner Co., Portsmouth, Ohio
ECONOMY refillable cartridge fuses, fuse links, miscellaneous electric fuses—Economy Fuse & Mfg. Co., 328 W. Kinzie, Chicago, Ill.
ECONOMY rigid steel conduits—National Metal Molding Co., 1110 Fulton bldg., Pittsburgh, Pa.
ECONOMY steam turbines & turbo blowers—Kerr Turbine Co., Wellsville, N. Y.
ECONOMY steam & hot water heaters—Pittsburgh Water Heater Co., Columbia Bank bldg., Pittsburgh, Pa.
ECONOMY steel corn cribs—Walker Mfg. Co., Council Bluffs, Ia.
ECONOMY stove pipes & elbows—A. Geisel Mfg. Co., 219 S. 2nd, St. Louis, Mo.
ECONOMY stoves—Comstock-Castle Stove Co., Quincy, Ill
ECONOMY street flushing machines—O'Neil, T. L. Co., Marseilles, Ill.
ECONOMY surveyors' compasses—Eugene Dietzgen Co., 166 W. Monroe, Chicago, Ill.
ECONOMY switch points—Economy Separable Switch Point Co., Louisville, Ky.
ECONOMY tire heaters—Lourie Mfg. Co., Springfield, Ill.
ECONOMY toggles—Economy Toggle Co., 21 Storer, Boston, Mass.
ECONOMY waste baling presses—Economy Baler Co., Ann Arbor, Mich.
ECONOMY waste oil presses—Strong Machinery & Supply Co., 21 Walker, New York
ECONOMY water tube boilers—O'Dougherty, Henry, 22 Columbus pl, Brooklyn, N. Y.
ECONOMY woven wire fences—Keystone Steel & Wire Co., Peoria, Ill.
EDDY arc lamp windlasses—Commercial Electrical Supply Co., 15th & Pine, St. Louis, Mo.
EDDY farm boilers & feed cutters—W. Eddy Plow Co., Greenwich, N. Y.
EDDY gate valves—Eddy Valve Co., Waterford, N. Y.
EDDY smoke recorders—Hamler-Eddy Smoke Recorder Co., 3906 S. Halsted, Chicago, Ill.

EDDY vacuum heating—Eddy Engineering Co., Alpena, Mich.
EDDYSTONE sash cords—Silver Lake Co., Newtonville, Mass.
EDEN clothes washing machines—Brokaw-Eden Mfg. Co., Alton, Ill.
EDEN PORTABLE vacuum cleaners—Brokaw-Eden Mfg. Co., Alton, Ill.
EDGAR lawn trimmer—Osmundson Spade Mfg. Co., Perry, Ia.
EDGAR'S bath tube enamels—Globe Varnish Co., 6125 Butler, Pittsburgh, Pa.
EDGECUMBE elastic metal packing—J. C. Edgecumbe & Co., 149 Broadway, New York
EDGEMONT friction clutches—Edgemont Machine Co., Dayton, Ohio
EDGE-ON belting mfrs.—Capen Belting & Rubber Co,, Main & Chestnut, St. Louis, Mo.
EDGER'S fire shovels—New York Stamping Co., N. 11th & Berry, Brooklyn, N. Y.
EDGERTON continuous roller presses—Kutztown Foundry & Machine Co., 1421 Chestnut, Phila., Pa.
EDGEWOOD cast iron ranges—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
EDGEWOOD screw drivers—Turner & Deegan, Bristol, Conn.
EDINBURGH mortar color—Toch Bros., 320 5th av, New York
EDIS pickling compounds—Research Mfg. Co., Oak Lane Station, Pa.
EDISON babbit metal—Nassau Smelting & Refining Works, 603 W. 29th, New York
EDISON cement—Edison Portland Cement Co., Stewartville, N. J.
EDISON glass insulators—Brookfield Glass Co., 2 Rector, New York
EDISON incandescent electric lamps—General Electric Co., Schenectady, N. Y.
ERISON MIMEOGRAPH duplicators—A. B. Dick Co., 736 W. Jackson blvd., Chicago, Ill.
EDISON phonographs—Thomas A. Edison, Orange, N. J.
EDISON storage batteries—Edison Storage Battery Co., Orange, N. J.
EDISON waterproofing materials—North Jersey Paint Co., Stewartville, N. J.
EDISON-BROWN plastic rail bond—Harold P. Brown, 120 Liberty, New York
EDISON CARBON incandescent electric lamps—Edison Lamp Works of General Electric Co., Harrison, N. J.
EDISON GEM incandescent electric lamps—Edison Lamp Works of General Electric Co., Harrison, N. J.
EDISON MAZDA incandescent electric lamps—Edison Lamp Works of General Electric Co., Harrison, N. J.
EDISWAN lamp adapters—Frank W. Morse, 289 Congress, Boston, Mass.
EDMONDS electric polish—J. Edmonds Wesley & Son, 212 West, New York
EDNA locomotive injectors—Edna Brass Mfg. Co., Cincinnati, Ohio
EDSON bottle filling machines, capstans, marine steering gears & wheels, hose couplings, suction hose, rubber diaphragms, odorless sewage disposal outfits, pumps, winches & windlasses—Edson Mfg. Co., 257 Atlantic av, Boston, Mass.
EDSON recording pressure alarm & automobile gauges —Ashcroft Mfg. Co., 119 W. 40th, New York
EDSON rubber diaphragms—Empire Tire & Rubber Corp., East Trenton, N. J.
EDSONIA metal polish— M. K. Bowman Edson Co., 64 Dey, New York
EDUCATION open range & washout—Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
EDWARD valves & steam separators—Edward Valve & Mfg. Co., 72 W. Adams, Chicago, Ill.
EWARD ECONOMIC unions—Edward Valve & Mfg. Co., Edison bldg, Chicago, Ill.
EDWARDS flue stops—Andrews Wire & Iron Works, Rockford, Ill.
EDWARDS flying shears—Morgan Construction Co., Worcester, Mass.
EDWARDS metallic packing—Imperial Iron Works, Duluth, Minn.
EDWARDS metal ceilings, metal shingles, metal tile, steel lockers & shelving, rolling steel doors, iron & steel roofing, portable steel buildings—Edwards Mfg. Co., 545-565 Eggleston av, Cincinnati, Ohio
EDWARDS trap doors, filing cabinets & metallic furniture—O. M. Edwards Co., Syracuse, N. Y.
EETNA step ladders—S. A. Smith Mfg. Co., Brattleboro, Vt.
EFFECTIVE ash receiver & elevator—Gomster Bros., 325 Penn av, Scranton, Pa.
EFFICIENCY push brooms—Mass. Commission for the Blind, Cambridge, Mass.
EFFICIENCY tool holders—Worcester Flexible Tubing Co., Whitman, Mass.
EFFICIENT glass door ovens—Ohio State Stove Co., Columbus, Ohio
EFFICIENCY gas oils & metal polish—Efficiency Oil Corp., 2100 Kienlen av, St. Louis, Mo.
EFFICIENCY spring cotters—Ohio Wire Goods Co., Akron, Ohio
EGAN potato sprayers—McKenzie Bros. Mfg. Co., La Crosse, Wis.
EGGSHELL-WHITE flat enamels—Chicago Varnish Co., 2100 Elston av, Chicago, Ill.
EGLENTINE bridle bits—Bartley Bros. & Hall, 50 Warren, New York
EGYPTIAN coating paints & roofing paints—Columbus Paint Mfg. Co., 278 Kimball, Columbus, Ohio
EGYPTIAN flax packing—Advance Packing & Supply Co., Franklin, Chicago, Ill.
EHRHARDT'S weighing apparatus—MacLeod Co., 2227 Bogen, Cincinnati, Ohio
EHRO composition roofing—Ehret Roofing & Mfg. Co., Drexel bldg, Phila, Pa.
EICHHOFF payout reels—Mathias Klein & Sons, 562 W. Van Buren, Chicago, Ill.
EICK washing & rinsing machines—S. S.Wenzell Machine Co., 50th & Parkside av, Phila., Pa.
EIFFEL tower revolving window display fixtures—Fairies Mfg. Co., Decatur, Ill.
EIGHTEEN NINETEEN ORIGINAL tinners' snips—Pec, Snow & Wilcox Co., Cleveland, Ohio
EKCO automatic dough dividing machines—Edw. Katzinger Co., 122 N. Peoria, Chicago Ill.
EKLA electric bells—P. R. Mfg. Co., Detroit, Mich.
ELAINE red oils—Emery Candle Co., Cincinnati, O.
ELASKO pipe joint cements—Stearns, F. M. & Co., Jamestown, N. Y.
ELASTIC copper paints—H. B. Fred Kuhls, 6413 3rd av, Brooklyn, N. Y.
ELASTIC electric car brakes—McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg. Chicago, Ill.
ELASTIC roofing cements—John Briggs & Co., 45 Purchase, Boston, Mass.
ELASTIC steel door mats—Wire Goods Co., Worcester, Mass.
ELASTICA floor finish & varnish—Standard Varnish Works, Richmond ter, Elm Park, N. Y.
ELASTICA floor finish—Standard Varnish Works, 90 West, New York
ELASTIC ENAMEL coating & preserving paints—Jones Paint Co., Rome, N. Y.
ELASTIKOTE paints—Tropical Paint Oil Co., W. 70th, Cleveland, Ohio
ELASTITE expansion joints—Philip Carey Mfg. Co., 330 Wayne av, Lockland, Cincinnati, Ohio
ELASTO sheet packing, shoe covers—Rubber Fibre Co., 560 First, Boston, Mass.
ELATERITE asbestos roofing & paints—Western Elaterite Roofing Co., Denver, Colo.
ELBA high carbon steel—Ludlum Steel Co., Watervliet, N. Y.
ELBA lavatories & fittings—James Barrett Mfg. Co., 117 Pearl, Boston, Mass.
ELBA storage batteries—Willard Storage Battery Co., E. 131st, St. Clair, Cleveland, Ohio
EL CHAFO chafing dishes—Edison Electric Appliance Co., Inc. (Hotpoint Division), 5600 W. Taylor, Chicago, Ill.
ELCO garment hangers—West Electric Hair Curler Co., 45 S. Front, Phila., Pa.
EL COMFO electric heating pads—Edison Electric Appliance Co., Inc. (Hotpoint Division), 5600 W. Taylor, Chicago, Ill.
ELDNAC candle lanterns—A. C. Kraft, 323 W. Lake, Chicago, Ill.
ELDORADO cement plaster—United States Gypsum Co., 205 W. Monroe, Chicago, Ill.
ELDORADO engine oils—Standard Oil Co. of Ohio, Cleveland, Ohio
ELDUS road oilers—Union Iron Works, Hoboken, N. J.
ELECTRA arc light carbons—Reisinger Hugo, 11 Broadway, New York
ELECTRA automobile horns—Automobile Supply Mfg. Co., 80 B'way, Brooklyn, N. Y.
ELECTRIC air drill hose, braided hose, chemical engine hose, garden hose, steam hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
ELECTRIC belt dressing—Akron Belting Co., Akron Ohio
ELECTRIC belt dressing—Buffalo Specialty Co., 375 Ellicott, Buffalo, N. Y.
ELECTRIC belting—Chas. A. Schieren & Co., 30 Ferry, New York

ELECTRIC blotting paper—Southern Fibre Co., Portsmouth, Va.
ELECTRIC door hangers—Lawrence Bros., Sterling, Ill.
ELECTRIC fire extinguishers—M. L. Snyder & Son, 9 N. 4th, Phila., Pa.
ELECTRIC gas & gasoline, oxyacetylene, sprinkler & submarine hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
ELECTRIC hot water heaters—Electric Boiler Co., Rochester, N. Y.
ELECTRIC insecticides—Stearns Electric Paste Co., Evanston, Ill.
ELECTRIC interlocking mats—W. H. Salisbury & Co., Chicago, Ill.
ELECTRIC maple flooring—Cobbs & Mitchell, Cadillac, Mich.
ELECTRIC oil tempering bath—General Electric Co., Schenectady, N. Y.
ELECTRIC tubular boilers—Bovaird & Seyfang Mfg. Co., Bradford, Pa.
ELECTRIC-AIR rock drills, stone channelers & coal cutters—Ingersoll-Rand Co., 11 Broadway, New York
ELECTRIC CITY gutter forming machinery—Double Truss Cornice Brake Co., Buffalo, N. Y.
ELECTRITE high speed steel—Latrobe Electric Steel Co., Latrobe, Pa.
ELECTROBESTOS insulating compounds & socket bushings—H. W. Johns-Manville Co., Madison av & 41st, New York
ELECTRODUCT flexible interior conduits—American Circular Loom Co., 16 Medford, Boston, Mass.
ELECTROGRIP lamp cord adjusters—Yost Electric Mfg. Co., Toledo, Ohio
ELECTROMOBILE storage battery trucks—Orenstein-Arthur Koppel Co., Koppel, Beaver Co., Pa.
ELECTROPHITS medical batteries—Knapp Elec. & Novelty Co., 511 W. 51st., New York
ELECTROSE strain insulators, insulator pins, insulated suspension bolts—Electrose Mfg. Co., 70 Washington, Brooklyn, N. Y.
ELECTRO-SHINE cutlery polish—R. M. Hollingshead Co., Camden, N. J.
ELEKTRA asbestos brake lining—F. L. Horton Co., 36 Whittier, Rox. Boston, Mass.
ELEKTRON automobile horns—O'Brien Electrophone Co., Howell, Me.
ELEPHANT BRAND red rosin-sized sheathing paper—Newton Paper Co., Holyoke, Mass.
ELEPHANT hay carriers—Hunt, Helm, Ferris & Co., Harvard, Ill.
ELEPHANT manila duplex wrapping paper—Newton Paper Co., Holyoke, Mass.
ELEPHANT phosphor bronze bushings, manganese bronze alloys, phosphor bronze alloys, phosphor bronze sheets—Phosphor Bronze Smelting Co., 2202 Washington av, Phila., Pa.
ELEY pipe pressure drilling machines—H. Mueller Mfg. Co., Decatur, Ill.
ELGIN adjustable wrenches—Richards-Wilcox Mfg. Co., Aurora, Ill.
ELGIN adjustable wrenches—Star Mfg. Co., Carpentersville, Ill.
ELGIN butter cutters—Cleveland Faucet Co., Cleveland, Ohio
ELGIN countershafts—Elgin Tool Works, Elgin, Ill.
ELGIN gas ovens—Kimball-Dietrich Hardware Co., Elgin, Ill.
ELGIN national coffee mills—Woodruff & Edwards Co., Elgin, Ill.
ELHANCO steam jacketed kettles—Edw. L. Hand & Co., 722 Arch, Philadelphia, Pa.
ELI ball bearing grindstones—Richards-Wilcox Mfg. Co., Aurora, Ill.
ELI farm wagons—Columbia Wagon Co., Columbia, Pa.
ELI gasoline engines & pumping jacks—Ottumwa-Moline Engine & Pump Co., Ottumwa, Ia.
ELI hay presses—Collins Plow Co., Quincy, Ill.
ELI rat traps—Abingdon Trap Co., Abingdon, Ill.
ELIE dusters—Ohio Duster Co., Cleveland, Ohio
ELISCO cold rolled steel tubing—Elyria Iron & Steel Co., Cleveland, Ohio
ELITE ammeters & voltmeters—Manhattan Electrical Supply Co., 17 Park pl, New York
ELITE chemical mops & dustless dust cloths—Ohio Duster Co., Cleveland, Ohio
ELITE corn forks—Specialty Mfg. Co., Westboro, Mass.
ELITE electric signs—K. & H. Sign Mfg. Co., Aiken & P. R. R., Pittsburgh, Pa.
ELITE insulating paints—Patent Vulcanite Roofing Co., 2500 Ogden av, Chicago, Ill.
ELITE kitchen knives—W. G. Browne Mfg. Co., Kingston, N. Y.
ELITE shoe blacking & polishes—Whittemore Bros. Corp., Cambridge, Mass.
ELITE tool chests—American Mfg. Concern, Falconer, N. Y.
ELITE vacuum cleaners & vacuum carpet sweepers—Elite Mfg. Co., Kesner bldg., Chicago, Ill.
ELK hose racks, hose sprinklers, spray, nozzles, swinging hose reels—Elkhart Brass Mfg. Co., Elkhart, Ind.
ELK incandescent electric lamps—Novelty Incandescent Lamp Co., Emporium, Pa.
ELK typewriter ribbons—Miller-Bryant-Pierce Co., Aurora, Ill.
ELKHART catch basins & shaking grates—Elkhart Iron Works, Elkhart, Ind.
ELKHART gas igniters—Elkhart Mfg. Co., Monroe, Mich.
ELKINS saw filers—A. J. Wilkinson & Co., 184 Washington, Boston, Mass.
ELLERY twist drills—McCarthy Drill & Tool Corp., Toledo, Ohio
ELLIOTT dairy pails—Elliott Mfg. Co., Warren, Ill.
ELLIOTT gas engines, portable sawing rigs, pumping engines, pumping jacks—Kansas City Engine Works, Kansas City, Mo.
ELLIOTT lace leather cutters—Manufacturers Belt Hook Co., 1321 W. Congress, Chicago, Ill.
ELLIOTT low water alarms, pressure reducing valves, steam traps—Elliott Co., Pittsburgh, Pa.
ELLIOTT mechanical stokers—Ridgway Mfg. Co., Ridgway, Pa.
ELLIOTT photometer lamps—American Meter Co., 3112 N. 17th, Phila., Pa.
ELLIOTT railway crossing gates—Pneumatic Gate Co., 1921 S. Fairfield av, Chicago, Ill.
ELLIOTT screw drivers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
ELLIS car bumping posts—Mechanical Mfg. Co., Union Stock Yards, Chicago, Ill.
ELLIS chain pipe vises—Ellis & Ford Mfg. Co., Detroit, Mich.
ELLIS ECONOMY mop wringers—Smith System Heating Co., 821 Washington av, S. E., Minneapolis, Minn.
ELLIS grate bars—McClave Grate Bar Co., 36 Warren, New York
ELLIS oil engines—Ellis Engine Co., Detroit, Mich.
ELLIS tack claws & pullers & ventilating sash locks—Bradley & Farnham, Middlefield, Conn.
ELLIS water filter—Ellis Purifier Co., Brockton, Mass.
ELLISON calorimeters—American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
ELLISON calorimeters & draft gauges—Lewis M. Ellison, 214 W. Kinzie, Chicago, Ill.
ELLWOOD barbed wire—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
ELM CITY bolt clippers—Wm. Schollhorn Co., New Haven, Conn.
ELM CITY counting machines & revolution counters—Chas. J. Root, Bristol, Conn.
ELM CITY padlocks—Sargent & Co., New Haven, Conn.
ELM CITY stump joints—C. Cowles & Co., New Haven, Conn.
ELM CITY wire tree guards—John P. Smith & Co., New Haven, Conn.
ELMIRA screw drivers, pruning saw & hooks—Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y.
ELMO automatic float valves—Phelps Bros. Co., 101 Beekman, New York
ELMORE coal jigs—American Concentrator Co., Springfield, Ohio
ELMORE scratch awls—Cronk & Carrier Mfg. Co., Elmira, N. Y.
ELM PARK lawn mowers—Worcester Lawn Mower Co., Worcester, Mass.
ELMWOOD belting, rubber hose, sheet packing—Boston Belting Corp., 84 Linden Park, Boston, Mass.
EL PERCO coffee percolators—Edison Electric Appliance Co., Inc. (Hotpoint Division), 5600 W. Taylor, Chicago, Ill.
ELSMERE granitine laundry tubs—Elsmere Granite Co., 1752 N. Spaulding av, Chicago, Ill.
ELSON car & switch locks—Walter A. Zelnicker Supply Co., 325 Locust, St. Louis, Mo.
ELSON lumber crayons—Zelnicker Crayon Works, St. Louis, Mo.
ELSPASS quartz mills—Elspass Engineering & Mining Machine Co., Denver, Colo.
ELSTON stove pipe enamels—Chicago Wood Finishing Co., 1309 Sloan, Chicago, Ill.
ELSTON stove pipe enamels—F. W. Thurston Co., 1832 S. Clark, Chicago, Ill.
ELSWICK detail paper—H. Reeve Angel & Co., Inc., 7 Spruce, New York

EL TOASTO toasters—Edison Electric Appliance Co., Inc. (Hotpoint Div.), 5600 W. Taylor, Chicago, Ill.
EL TORO cement—Southwestern Portland Cement Co., El Paso, Texas.
ELKHART spray nozzles & hose reels—Elkhart Brass Mfg. Co., Elkhart, Ind.
ELLA FOUNDRY pig iron—Edmund W. Mudge & Co., Frick bldg, Pittsburgh, Pa.
ELUX incandescent lamps—Elux Miniature Lamp Division of G. E. Co., 6 E 39th, New York
EL WARMO electric foot warmers—Hotpoint Electric Heating Co., Los Angeles, Cal.
ELWELL glue—B. F. Elwell Glue Co., Rockport, Mass.
ELWELTRA electric welded trace chains—American Chain Co., Bridgeport, Conn.
ELWOOD brick press machines—Chicago Brick Machinery Co., 20 W. Jackson blvd., Chicago Ill.
ELWOOD wire stretchers—Arcade Mfg. Co., Freeport, Ill.
ELWOOD wire stretchers—Hunt, Helm, Ferris & Co., Harvard, Ill.
ELWOOD woven wire fences—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
ELY'S rat traps—T. J. Ely Mfg. Co., Erie, Pa.
ELY'S DANDY hay knives, ironing boards, mop wringers—T. J. Ely Mfg. Co., Erie, Pa.
ELLA MALLEABLE iron—Edmund W. Mudge & Co., Frick bldg, Pittsburgh, Pa.
EMANCIPATOR feed carriers—Louden Machinery Co., Fairfield, Ia.
EMBLEM lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati; Ohio
EMCO dry batteries—Electric Mfg. Co., 166 W 6th, St. Paul, Minn.
EMELANSIC white bronze—Lissberger, Marks & Son, 781 Borden av, Long Island City, New York
EMERALITE electric desk lights—H. G. McFaddin & Co., 38 Warren, New York
EMERERSON automatic lubricators—Buffalo Metal goods Co., 196 Winchester av, Buffalo, N. Y.
EMERGENCY fire hose couplings—Nunn Brass Works, Rochester, N. Y.
EMERGENCY mud hooks—Gemco Mfg. Co., Milwaukee, Wis.
EMERGENCY pipe clamps & saddles—M. B. Skinner & Co., 562 W. Washington, Chicago, Ill.
EMERGENCY pocket telescope handle screw driver—Dikeman Mfg. Co., Norwalk, Conn.
EMERICK cement grinding & crushing mills—United Iron Works Co., Kansas City, Mo.
EMERSON agricultural implements—Emerson-Brantingham Co., Rockford, Ill.
EMERSON beating engines & ironing tables—Modern Mfg. Co., Hagerstown, Md.
EMERSON gasoline traction engines—Emerson-Brantingham Implement Co., Rockford, Ill.
EMERSON hay loaders—Hocking Valley Mfg. Co., Lancaster, Ohio.
EMERSON jordan & beating engines—Emerson Mfg. Co., Lawrence, Mass.
EMERSON'S draughting tables—Henry M. Taws, 920 Arch, Phila., Pa.
EMERY pneumatic lubricators—Emery Pneumatic Lubricator Co., 1932 N. B'way, St. Louis, Mo.
EMERY THOMPSON brine freezers—Thompson Emery Machine & Supply Co., 235 E. 41st, New York
EM ESS Tucker grease traps—Meyer-Sniffen Co., 11 W. 36th, New York
EMIL PASSBURG vacuum dryers—J. P. Devine Co., Buffalo, N. Y.
EMMELMANN gasoline soldering iron—Emmelmann Bros. Mfg. Co., Indianapolis, Ind.
EMMERT T squares, machinists' vises—Emmert Mfg. Co., Waynesboro, Pa.
EMNESO cutting oil—Bayerson Oil Works, Erie, Pa.
EMORY BRAND cattle ties—J. E. Fricke Co., Philadelphia, Pa.
EMPEROR water closets—Jas. Barrett Mfg. Co., 117 Pearl, Boston, Mass.
EMPIRE alarm clocks—W. L. Gilbert Clock Co., Winsted, Conn.
EMPIRE automobile oil, etc.—Empire Oil Works, Oil City, Pa.
EMPIRE axes—Rubinow Edge Tool Works, 35 Vesey, Newark, N. J.
EMPIRE belting, hose, packing, acid cements—Empire Tire & Rubber Corp., East Trenton, N. J.
EMPIRE bottle labeling machines—Boston Bottle Wiring & Labeling Co., 23 Wormwood, Boston, Mass.
EMPIRE bran dusters—Richmond Mfg. Co., Lockport, N. Y.
EMPIRE carriage axles—Sheldon Axle & Spring Co., Wilkes-Barre, Pa.
EMPIRE cast iron griddles & fry pans—New York Stamping Co., N. 11th & Berry, Brooklyn, N. Y.
EMPIRE cement wall plaster—Empire Gypsum Co., Rochester, N. Y.
EMPIRE chronometer valves—Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
EMPIRE conduit wiring rods—Diamond Expansion Bolt Co., 89 West, New York
EMPIRE cotton belting—Empire Mfg. Co., Lockport, N. Y.
EMPIRE couplings & clutches—Thomas Coupling Co., Erie, Pa.
EMPIRE cream separators—Empire Cream Separator Co., Bloomfield, N. J.
EMPIRE cultivators, celery hillers, harrows & pulverizers, potato planters—Empire Plow Co., Cleveland, Ohio
EMPIRE double drum sanders—W. A. Heath Machine Co., Lestershire, N. Y.
EMPIRE drill chucks—Pratt Chuck Co., Frankfort, N. Y.
EMPIRE dropper attachments—Seiberling & Miller Co., Doylestown, Ohio
EMPIRE duct rods—Standard Underground Cable Co., Pittsburgh, Pa.
EMPIRE flint, sand & emery paper—Herman Behr & Co., 61 B'way, New York
EMPIRE gang press wheel attachments—American Seeding Machine Co., Richmond, Ind.
EMPIRE gas engines—Empire Cream Separator Co., Bloomfield, N. J.
EMPIRE gold dredges, hand prospecting drills, hydraulic gravel elevators—New York Engng. Co., 165 B'way, New York
EMPIRE gravity-locking blind hinges—Wrightsville Hardware Co., Wrightsville, Pa.
EMPIRE harness snaps—Frazer & Jones Co., Syracuse, N. Y.
EMPIRE harrows—Gales Mfg. Co., Albion, Mich.
EMPIRE incandescent miniature lamps—H. W. McCandless & Co., 67 Park pl, New York
EMPIRE insulating compounds—Mica Insulator Co., 68 Church, New York
EMPIRE lamp glass chimneys—Macbeth-Evans Glass Co., Pittsburgh, Pa.
EMPIRE land plaster—Pacific Portland Cement Co., Consd., San Francisco, Cal.
EMPIRE life saving nets—S. F. Hayward & Co., 250 W. 54th, New York
EMPIRE loose leaf devices—Well Bros., 641 W. Lake, Chicago, Ill.
EMPIRE machine knives—Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
EMPIRE metallic shingles—Brier Hill Steel Co., Youngstown, Ohio
EMPIRE pipe wrenches—Wm. Hjorth & Co., Jamestown, N. Y.
EMPIRE (R. T. Portable Boiler), Ames Iron Works, Oswego, N. Y.
EMPIRE reapers—Seiberling & Miller Co., Doylestown, Ohio
EMPIRE reapers, ensilage cutters—Messenger Mfg. Co., Tatamy, Pa.
EMPIRE rubber collectors—Empire Cream Separator Co., Bloomfield, N. J.
EMPIRE sand papering machines—W. A. Heath Machine Co., Lestershire, N. Y.
EMPIRE sash locks & door stops—Caldwell Mfg. Co., Rochester, N. Y.
EMPIRE self-oiling pulleys—Wrightsville Hardware Co., Wrightsville, Pa.
EMPIRE shaft couplers—Fernald Mfg. Co., North End, Pa.
EMPIRE shoe blacking & polishes—Frank Miller Co., 349 W. 26th, New York
EMPIRE slate laundry tubs & tanks & vats—New York Slate Works, 255 E. 138th, New York
EMPIRE smokeless shotgun upowder—du Pont de Nemours & Co. (E. I.), Wilmington, Del.
EMPIRE speed indicators—Greene, Tweed & Co., 109 Duane, New York
EMPIRE steam traps—American District Steam Co., North Tonawanda, N. Y.
EMPIRE steam traps—Lawler Regulator Co., 55 W. Houston, New York
EMPIRE tire bolts—Russell, Birdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
EMPIRE hard wall plaster—Pacific Portland Cement Co., Consd., San Francisco, Cal.
EMPIRE wheel garden hoes—Moline Plow Co., Moline, Ill.
EMPIRE window casement fasteners—Corbin Cabinet Lock Co., New Britain, Conn.
EMPIRE wire fence & gates—Bond Steel Post Co., Adrian, Mich.
EMPIRE CROWN water meters—National Meter Co., 299 B'way, New York

EMPIRE FRICTION belting—Empire Tire & Rubber Corp., East Trenton, N. J.
EMPIRE KEENE cement—Pacific Portland Cement Co., Consd., San Francisco, Cal.
EMPIRE KING spray pumps—Field Force Pump Co., Elmira, N. Y.
EMPIRE STATE car trucks—Taylor Electric Truck Co., Troy, N. Y.
EMPIRE STATE ensilage cutters—Warsaw-Wilkinson Co., Warsaw, N. Y.
EMPIRE STATE milk cans—Oakes & Burger Co., Cattaraugus, N. Y.
EMPIRE'S BEST belting, hose & packing—Empire Tire & Rubber Corp., East Trenton, N. J.
EMPRESS alcohol lamps, bottle holders, brass trays, vapor stoves, chafing dishes & coffee percolators—New York Stamping Co., 11 & Berry, Brooklyn, N. Y.
EMPRESS oil & grease cups—Bowen Products Corp., Auburn Div., 357 Canal, Auburn, N. Y.
EMPRESS steam heaters—International Heater Co., Utica, N. Y.
EMPRESS walking listers—Rock Island Plow Co., Rock Island, Ill.
EMPRESS water closets—Jas. Barrett Mfg. Co., 117 Pearl, Boston, Mass.
EMRICH button hole cutters, cloth cutting knives, shears & scissors, tanners' & tinners' tools—Phil Emrich, 824 Main, Cincinnati, Ohio
EMU padlocks—Slaymaker Lock Co., Lancaster, Pa.
EMULSO soluble cutting oil—Bayerson Oil Works, Erie, Pa.
ENAMELED WHITE INSIDE tin bath tubs—Dover Stamping & Mfg. Co., Cambridge, Mass.
ENAMELINE stove polish—J. L. Prescott Co., 92 W. Broadway, New York
ENAMELITE wire—Acme Wire Co., New Haven, Conn.
ENAMETILE metal tile—New York Metal Ceiling Co., 537 W. 24th, New York
ENAMOLIN bath tub enamels—Emil Calman & Co., 100 William, New York
ENBURO dry batteries—Lincoln Electric Co., 149 Broadway, New York
ENDERS safety razors—Enders Sales Co., 17 Battery pl, New York
ENDRUO asbestos brake lining, clutch linings—Philip Carey Mfg. Co., 330 Wayne av, Lockland, Cincinnati, Ohio
ENDURA flexible fibre packing—Endura Mfg. Co., 63rd & Reading RR., Phila, Pa.
ENDURANCE gas main bags—Edw. A. Behringer, 88 W. Broadway, New York
ENDURANCE metal bound mill brooms—Mass. Commission for the Blind, Cambridge, Mass.
ENDURIA spring steel—Cambria Steel Co., Widener bldg, Phila., Pa.
ENDURO non-corrosive metal—United Alloy Steel Corp., Canton, Ohio
ENERGINE lubricating oils & greases—Energine Refining & Mfg. Co., Cleveland, Ohio
ENERGY dumb waiters—Energy Elevator Co., 214 New, Philadelphia, Pa.
ENGEL cocks & bibbs—Milwaukee Brass Mfg. Co., 251 Lapham, Milwaukee, Wis.
ENGELHARD crucible & electric furnaces, pyrometers & resistance thermometers—Chas. Engelhard, 30 Church, New York
ENGINEERS tube cleaners—Michigan Lubricator Co., Detroit, Mich.
ENGINEERS' FAVORITE flue scraper—Sherwood Mfg. Co., 1710 Elmwood av, Buffalo, N. Y.
ENGINEERS' FAVORITE tube cleaners—A. W. Chesterton Co., 64 India, Boston, Mass.
ENGLEHARDT life boats & rafts—C. M. Lane Life Boat Co., 250 Huron, Brooklyn, N. Y.
ENGLER viscosimeters—C. J. Tagliabue Mfg. Co., 18 33d, Brooklyn, N. Y.
ENGLER'S viscosimeters—Eimer & Amend, 205 3rd av, New York
ENGLISH pig iron—C. Tennant Sons & Co., 100 William, New York
ENGLISH shingle stains—Dexter Bros. Co., 105 Broad, Boston, Mass.
ENGLISH stove pipe enamels—Nubian Paint & Varnish Co., 1856 Leclaire av, Chicago, Ill.
ENJABECO fibre vegetable brushes—New Jersey Brush Co., Bloomfield, N. J.
ENSIGN canvas stitched belting—Olmstead-Flint Co., Lawrence, Mass.
ENSIGN cotton hose—Acme Rubber Mfg. Co., Trenton, N. J.
ENSIGN sight feed lubricators—Wm. Powell Co., Cincinnati, Ohio
ENSLEY pig iron—Tennesee Coal, Iron & Railroad Co., Birmingham, Ala.
ENTERPRISE bottle labeling machines—Boston Bottle Wiring & Labeling Co., 23 Wormwood, Boston, Mass.
ENTERPRISE chain vises, die stocks & valves—D. A. Hinman & Co., Sandwich, Ill.
ENTERPRISE cherry stoners, lawn mowers, lawn sprinklers, food choppers, slicing machines—Enterprise Mfg. Co., Rotary, Phila., Pa.
ENTERPRISE enameling ovens—Evans & Eichner, 29 W. Lake, Chicago, Ill.
ENTERPRISE hand carts—Sandwich Mfg. Co., Sandwich, Ill.
ENTERPRISE packing—Randolph Brandt, 70 Cortlandt, New York
ENTERPRISE packing—Wise & Bailey, 108 Walnut, Phila., Pa.
ENTERPRISE pattern tap borers—W. A. Ives Mfg. Co., Wallingford, Conn.
ENTERPRISE plaster mixers—J. B. Ehrsam & Sons Mfg. Co., Enterprise, Kan.
ENTERPRISE pulley mortising machines—Austin & Eddy, 117 Broad, Boston, Mass.
ENTERPRISE pulley mortising machines—Millbury Machine Co., Millbury, Mass.
ENTERPRISE rural mail boxes—John H. Forney, Burlington, Ia.
ENTICER rat traps—Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
EPICASSIT rust preventives—Hess & Son, Watkins bldg, Phila., Pa.
EPULSO water closets—M. L. Kline, 84 front, Portland, Ore.
EPURE roofing cements—Trinidad Asphalt Mfg. Co., Title Guaranty Trust Bldg., St. Louis, Mo.
EQUAL BLOW band saw filling & setting machines—New Britain Machine Co., 190 Chestnut, New Britain, Conn.
EQUALITY rubber sheet packing—Acme Rubber Mfg. Co., Trenton, N. J.
EQUIPOISE desk telephone brackets—Hunt C. Howard Pen Co., Camden, N. J.
EQUIPOSE telephone arms—Holzer-Cabot Elec. Co., Brookline, Mass.
EQUITABLE asphalt mixers—Equitable Asphalt Maintenance Co., 1901 Campbell, Kansas City, Mo.
EQUITABLE gas meters—Equitable Meter Co., Pittsburgh, Pa.
EQUITY toilet paper holders—A. P. W. Paper Co., Albany, N. Y.
ERB dog collars—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
ERCKENBRECHERS laundry starch—Corn Products Refining Co., 17 Battery pl, New York
ERECTOR toy metal building materials—A. C. Gilbert Co., New Haven, Conn.
EREFUL automatic whistles—Wilcox, Crittenden & Co., Middletown, Conn.
ERIC cooking stoves—Odin Stove Mfg. Co., Erie, Pa.
ERIC fireless cookers—Cleveland Natural Gas Supply Co., 22 High, Cleveland, Ohio
ERICKSEN testing machines—Holz, Herman A., 2 Madison av, New York
ERICKSON conduit couplings—Thomas & Betts Co., 63 Vesey, New York
ERICSSON'S venetian blinds—Swedish Venetian Blind Co., 47 W. 34th, New York
ERIE auto truck trailers—Erie Trailer Mfg. Co., Erie, Pa.
ERIE belting—Mau-Sherwood Supply Co., 1616 W. 3rd, Cleveland, Ohio
ERIE door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
ERIE drop hammers, mechanical stokers, squaring shears—Erie Foundry Co., Erie, Pa.
ERIE foundry chaplets—S. Cheney & Son, Manlius, N. Y.
ERIE gas radiators—Erie Stove & Mfg. Co., Erie, Pa.
ERIE heel cam cutting machines—Erie Toe Calk Machine Co., Erie, Pa.
ERIE lubricators, pipe hangers, valve & service boxes—Jarecki Mfg. Co., Erie, Pa.
ERIE mop wringers—Erie Mop & Wringer Co., Erie, Pa.
ERIE oil & grease cups—Detroit Shipbuilding Co., Detroit, Mich.
ERIE pumps & engines—separate & connected types—Erie Pump & Engine Works, Inc., 141 Glenwood av, Medina, N. Y.
ERIE rat traps—Lovell Mfg. Co., Erie, Pa.
ERIE refrigerators—Niagara Refrigerator Works, 22 Randall, Buffalo, N. Y.
ERIE tobacco cutters—Griswold Mfg. Co., Erie, Pa.
ERIEZ gas ranges—Eriez Stove & Mfg. Co., Erie, Pa.
ERIOLENE illuminating oils—Bayerson Oil Works, Erie, Pa.
ERMOLD bottle corking machines—Edw. Ermold Co., 652 Hudson, New York

ERNSALIN enamels—Ernecke & Salmstein Co., 1509 N. Halsted, Chicago, Ill.
ERNST automobile turntables & ash can conveyors—C. K. Ernst, Buffalo, N. Y.
ERNST PERFECTION sidewalk elevators—C. K. Ernst, Buffalo, N. Y.
ERWIN fire extinguishers—M. H. Treadwell Co. of Ill., 208 S. La Salle, Chicago, Ill.
ESBASH'S albumenometers—Chas. J. Tagliabue Mfg. Co., 20-33rd, Brooklyn, N. Y.
ESCHWEILER rug exhibitors—Consolidated Carpet Sewing Machine Co., Bridgeport, Conn.
ESCHWEILERS PATENT casement window hinges—Stanley Works, New Britain, Conn.
ESCO circuit batteries—Thomas A. Edison, Orange, N. J.
ESCO compression cocks—E. Stebbins Mfg. Co., Springfield, Mass.
ESCO enamels—Edw. Smith & Co., 127 West av, Long Island City, N. Y.
ESCO grooving machines—Walco Mfg. Corp., Providence, R. I.
ESCO waterproofing materials—Preservative Products Co., 1133 Broadway, New York
ESMOND bicycle stands—New York Neckel Plating & Mfg. Co., 327 E. 63rd, New York
ESOPUS BUHR stones—J. J. Hasbrouck & Co., New Paltz, N. Y.
ESS-ESS revolving chucks—Scott & Sons Co., Medford, Mass.
ESSEX belting—Combination Rubber Mfg. Co., Bloomfield, N. J.
ESSEX belting—Lawrence Belting Co., 111 Chambers, New York
ESSEX belting—Mercer Rubber Co., Hamilton, N. J.
ESSEX blast furnaces—Northern Iron Co., Port Henry, N. Y.
ESSEX carriage top supports—Essex Brass Foundry Co., Cambridge, Mass.
ESSEX dial cocks—G. B. Essex Brass Co., Detroit, Mich.
ESSEX hot air pumping engines—Winfield H. Smith, Buffalo, N. Y.
ESSEX lawn mowers—S. P. Townsend & Co., Orange, N. J.
ESSEX marine engines—Essex Engine Co., Lynn, Mass.
ESSEX steam & hot water heaters—Gurney Heater Mfg. Co., 188 Franklin, Boston, Mass.
ESSEX tube scrapers—Michigan Lubricator Co., Detroit, Mich.
ESSEX whip socket fasteners—Searls Mfg. Co., 29 Mulberry, Newark, N. J.
ESTABROOK catch basins, cesspools & grease traps—R. Estabrook's Sons, 202 W 1st, Boston, Mass.
ESTATE bath water heaters—Estate Stove Co., Hamilton, Ohio
ESTERLINE, ammeters & voltmeters, pyrometers, speed recorders—Esterline Co. (Inc.), Indianapolis, Ind.
ESTES shafting couplings—Strong Homer, Rochester, N. Y.
ESTY automatic fire sprinklers—H. G. Vogel Co., 487 B'way, New York
ETERNITY belt cements—Burr Oak Belting Co., 521 Livingston, Cincinnati, Ohio
ETHERIDGE wiring pendants—Fletcher Mfg. Co., Dayton, Ohio
ETHIOPIA packing—Crandall Packing Co., Palmyra, N. Y.
ETNYRE road oilers—E. D. Etnyre & Co., Oregon, Ill.
ETOWAH marble—Georgia Marble Co., Tate, Ga.
EUCLID fireless cookers—Cleveland Natural Gas Supply Co., 22 High, Cleveland, Ohio
EUCLID garment hangers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
EUCLID hot air furnaces—Bennett Furnace Co., 6531 Euclid av, Cleveland, Ohio
EUCLID rubber battery jars, switchboard mats—Consumers Rubber Co., Cleveland, Ohio
EUCLID stone switchboards, steps & sinks—Euclid Stone & Brick Co., Cleveland, Ohio
EUREKA adjustable stools—Toledo Metal Furniture Co., Toledo, Ohio
EUREKA auto truck trailers—Eureka Co., Rock Falls, Ill.
EUREKA automatic air valves—W. A. Russell & Co., 63 W. 37th, New York
EUREKA babbitt metal—A. G. Schultz & Co., 114 E. Lombard, Baltimore, Md.
EUREKA babbitt metal & sleet cutters—Eureka Co., North East, Pa.
EUREKA bark mills—Barry & Zechter Co., Lancaster, Pa.
EUREKA belt dressing & harness oils—Standard Oil Co. of N Y., 555 W. 25th, New York
EUREKA belt lacing—Manufacturers' Belt Hook Co., 1321 W Congress, Chicago, Ill.
EUREKA billiard chalk—American Crayon Co., Sandusky, Ohio
EUREKA blotter baths & sanitary copying cloths—Eureka Blotter Bath Co., 6221 Wentworth av, Chicago, Ill.
EUREKA boiler compounds—Wadhams Oil Co., Natl. Bank bldg, Milwaukee, Wis.
EUREKA boiler injectors—Kincaid Bros., Pittsburgh, Pa.
EUREKA bottle labeling machines—Boston Bottle Wiring & Labeling Co., 23 Wormwood, Boston, Mass.
EUREKA broom holders—Coleman Hardware Co., 220 Michigan av, Chicago, Ill.
EUREKA broom holders, door springs, lawn sprinklers, sash chains, fly swatters—Parker Wire Goods Co., Worcester, Mass.
EUREKA buffing lathes & tool grinders—Chicago Wheel & Mfg. Co., 1101 W Monroe, Chicago, Ill.
EUREKA burlap—Cotta-a-Lap Co., Somerville, N. J.
EUREKA can filling machines & barley machinery—S. Howes Co., Silver Creek, N. Y.
EUREKA car trucks—J. G. Brill Co., 62nd & Woodland av, Phila., Pa.
EUREKA carbon paper & typewriter ribbons—Mittag & Volger, Park Ridge, N. J.
EUREKA Carbonators, carbon removers, beer bottling machines, water filters, water lifts—Bishop-Babcock-Becker Co., Cleveland, Ohio
EUREKA carpet sweepers—Metal Stampings Corp., Streator, Ill.
EUREKA case hardening compounds—New Metal Tool Steel Co., Sebago Lake, Me.
EUREKA churns—Aquatic Cream Separator Co., Rochester, N. Y.
EUREKA churns & wood pails & buckets—Buckeye Churn Co., Sidney, Ohio
EUREKA closet spuds—Trenton Brass & Machine Co., Trenton, N. J.
EUREKA clothes dryers & ironing boards—Eclipse Co., North Girard, Pa.
EUREKA clothes lines—Estes Mills, Falls River, Mass.
EUREKA coal crushers—Universal Crusher Co., Cedar Rapids, Ia.
EUREKA compressed air pumps—Brandt Mfg. Co., 310 3rd av, Minneapolis, Minn.
EUREKA concrete barrows—Sterling Wheelbarrow Co., Milwaukee, Wis.
EUREKA concrete building block machinery—Besser Mfg. Co., Alpena, Mich.
EUREKA concrete mixers—Eureka Machine Co., Lansing, Mich.
EUREKA corkboard insulation—Armstrong Cork & Insulation Co., Pittsburgh, Pa.
EUREKA corn planters—Cardwell Machine Co., Richmond, Va.
EUREKA corn & cob mills—Barry & Zecher Co., Lancaster, Pa.
EUREKA cultivators—Towers & Sullivan Mfg. Co., Rome, Ga.
EUREKA dairy apparatus—Vermont Farm Machine Co., Bellows Falls, Vt.
EUREKA duplicators—Beck Duplicator Co., 491 Broadway, New York
EUREKA electric bells—Ansonia Electrical Co, Ansonia, Conn.
EUREKA electric car headlights—Dayton Mfg. Co., Dayton, Ohio
EUREKA equalizers—E. B. Adams & Son, Racine, Wis.
EUREKA equalizers—Harvey Spring & Forging Co., Racine, Wis.
EUREKA feed grinding mills, windmills, wood sawing machines—Smith & Pomeroy Windmill Co., Kalamazoo, Mich.
EUREKA fire hose—Eureka Fire Hose Mfg. Co., 13 Barclay, New York
EUREKA fruit & vegetable parers—Goodell Co., Antrim, N. H.
EUREKA fumigators—Jas. R. Wotherspoon, 238 N. Front, Phila., Pa.
EUREKA gasoline strainers—Winkley Co., Detroit, Mich.
EUREKA gas oven illuminators—Dutchess Tool Co., Fishkill-on-Hudson, N. Y.
EUREKA gas water heaters—Eureka Water Heater Co., 37 W. Lake, Chicago, Ill.
EUREKA gauge glasses—Bache, Semon & Co., 636 Greenwich, New York
EUREKA gauges—Star Brass Mfg. Co., 108 E. Dedham, Boston, Mass.

EUREKA grain cleaning & grading machinery—Portland Iron Works, 14th & Northup, Portland, Ore.
EUREKA grain dryers—Wolf Co., Chambersburg, Pa.
EUREKA green pea cleaning & grading machines—Sprague Canning Machinery Co., 222 N. Wabash av, Chicago, Ill.
EUREKA hack saw machines—H. G. Thompson & Son Co., New Haven, Conn.
EUREKA hame clips—Imperial Bit & Snap Co., Racine, Wis.
EUREKA hand power shears—Smith & Egge Mfg. Co., Bridgeport, Conn.
EUREKA hay & corn cutter knives—Bateman Mfg. Co., Grenloch, N. J.
EUREKA hose couplings—Rauch Mfg. Co., Galena, Kan.
EUREKA leather wheels—E. Reed Burns, 27 Jackson, Brooklyn, N. Y.
EUREKA liquid & paste polish—No. American Chemical & Engineering Co., 23 Old Slip, New York
EUREKA lubricators—McRae & Roberts Co., 227 Campbell av, Detroit, Mich.
EUREKA mine car wheels—Hockensmith Wheel & Mine Car Co., Penn Station, Pa.
EUREKA mine car wheels—Irwin Foundry & Mine Car Co., Irwin, Pa.
EUREKA mop sticks & holders—Mason Mfg. Co., Perkinsville, Vt.
EUREKA oak flooring—Salt Lick Lumber Co., Salt Lick, Ky.
EUREKA paint & varnish remover—Palmer-Price Co., 270 Chestnut, Newark, N. J.
EUREKA paints & cements—Otley Paint Mfg. Co., 1742 N. Winchester av, Chicago, Ill.
EUREKA paper clips—Consolidated Safety Pin Co., Bloomfield, N. J.
EUREKA pig iron—Tennessee Coal, Iron & Railroad Co., Birmingham, Ala.
EUREKA portable grain elevators—Chas. E. Davidson, Eureka, Ill.
EUREKA post hole diggers—Seymour Mfg. Co., Seymour, Ind.
EUREKA potato planters—Potato Implement Co., Traverse City, Mich.
EUREKA ratchet wrenches—Allen Wrench & Tool Co., 754 Eddy, Providence, R. I.
EUREKA rock & ore conveyors—Universal Crusher Co., Cedar Rapids, Ia.
EUREKA rod packing—Eureka Packing Co., 78 Murray, New York
EUREKA roof snow guards—J. H. Fulmer, Nazareth, Pa.
EUREKA scouring cork—Faddock Cork Co., 1209 De Kalb av, Brooklyn, N. Y.
EUREKA shingle stains—Lancaster Paint & Glass Co., Lancaster, Pa.
EUREKA soldering flux—Grasselli Chemical Co., Guardian bldg., Cleveland, Ohio
EUREKA spiral screw drivers—Decatur Coffin Co., Decatur, Ill.
EUREKA spray pumps—Morrill-Morley Mfg. Co., Benton Harbor, Mich.
EUREKA stencils—S. W. Reese & Co., 44 Vesey, New York
EUREKA take-down squares—Nicholls Mfg. Co., Ottumwa, Ia.
EUREKA tire air pumps—Judd & Leland Mfg. Co., Clifton Springs, N. Y.
EUREKA toasters—Morgan Spring Co., Worcester, Mass.
EUREKA twines—Columbian Rope Co., 3050 Genessee, Auburn, N. Y.
EUREKA valves & unions—Eureka Brass Works, 1040 Hulbert av, Cincinnati, Ohio
EUREKA vises—Emmert Mfg. Co., Waynesboro, Pa.
EUREKA water meters—Pittsburgh Meter Co., E. Pittsburgh, Pa.
EUREKA wire fence machines & woven wire fences—Eureka Fence Mfg. Co., Richmond, Ind.
EUREKA wire test connectors—Frank W. Morse, 289 Congress, Boston, Mass.
EUREKA wood fibre plaster—American Cement Plaster Co., Lawrence, Kan.
EUREKA wooden barrows—Chattanooga Wheelbarrow Co., Chattanooga, Tenn.
EUREKA wooden barrows—Frank R. Prescott, Meredith, N. H.
EUREKA wrenches—Allen Wrench & Tool Co., 754 Eddy, Providence, R. I.
EUREKO goggles & eye protectors—Chicago Eye Shield Co., 2300 Warren av, Chicago, Ill.
EVANS automatic fire sprinklers—Globe Automatic Sprinkler Co., 2035 Washington av, Phila., Pa.
EVANS CHALLENGE ventilating apparatus for greenhouses—John A. Evans Co., Richmond, Ind.
EVANS fire, tin clad, sheet metal, fireproof, metal & metal covered doors & shutters, universal joints—Merchant & Evans Co., 2035 Wash. av, Phila., Pa.
EVANS harrows, harrow attachments, potato planters—American Seeding Machine Co., Springfield, Ohio
EVANS marine gears, circulating pumps—C. H. Evans & Co., 187 Fremont, San Francisco, Cal.
EVANS skylight ventilating apparatus—John A. Evans Co., Richmond, Ind.
EVANS variable speed transmission—Evans Friction Cone Co., Newton Center, Mass.
EVANS veneered doors—Carnahan Mfg. Co., Loogootee, Ind.
EVANS-WADDELL Chilian mills—Worthington Pump & Machy. Corp., 115 Broadway, New York
EVART logging tools—American Logging Tool Co., Evart, Mich.
EVARTS shingle mill machinery—Novelty Iron Works Co., Dyersville, Ia.
EVEN UP equalizers—Nevada Mfg. Co., Nevada, Ia.
EVEREADY clips & fastners machines—Eveready Mfg. Co. of Boston, Mass.
EVERED churn drill engines—National Iron Co., Duluth, Minn.
EVERETT dump boxes—Everett Mfg. Co., Newark, N. Y.
EVERETT-McADAM blue printing machines—Revolute Machine Co., 417 E. 93rd, New York
EVERGLADE kitchen enameled ware—Strong Mfg. Co., Sebring, Ohio
EVERGREEN inner automobile tubes—Falls Rubber Co., Cuyahoga Falls, Ohio
EVERGRIP sliding furniture shoes—Evergrip Gliding Caster Co., 261 Canal, New York
EVERGRIP splicing compound tape—Boston Woven Hose & Rubber Co., Cambridge, Mass.
EVERHART pneumatic signals—Everhart Brass Works, Scranton, Pa.
EVERJET ELASTIC paints—Barrett Co., 17 Battery pl, New York
EVERLAST asbestos brake linings—National Leather Belting Co., 342 E. 38th, New York
EVERLAST asbestos packing—Goodyear Tire & Rubber Co., Akron, Ohio
EVERLAST exhaust heads—Franklin Williams, 39 Cortlandt, New York
EVERLASTINE varnish—Nubian Paint & Varnish Co., 1856 Leclair av, Chicago, Ill.
EVERLASTING asbestos packing—Goodyear Rubber Co. & Rubber Clothing Co., 787 Broadway, New York
EVERLASTING babbitt metal—Lissberger, Marks & Son, 281 Borden av, Long Island City, N. Y.
EVERLASTING BLACK paints—U. S. Refining Co., Cleveland, Ohio
EVERLASTING blow-off valves & gauge cocks—Patterson-Allen Engineering Co., 2 Rector, New York
EVERLASTING celluloid covered closet seats—Standard Tank & Seat Co., Camden, N. J.
EVERLASTING equalizers—Diamond Forging & Mfg. Co., Chartiers & Ridge av, Pittsburgh, Pa.
EVERLASTING flexible fabric tubing—Chicago Tubing & Braiding Co., 216 N. Clinton, Chicago, Ill.
EVERLASTING flexible steel mats—Cary Mfg. Co., Nassau & Jay, Brooklyn, N. Y.
EVERLASTING paints—Means & Thatcher, Norfolk Down, Quincy, Mass.
EVERLASTING tank heaters—Heesen Bros. Co., Tecumseh, Mich.
EVERLASTING tank heaters—Kelly Foundry & Machine Co., Goshen, Ind.
EVERNEW carriage top dressing—Felton-Silbey & Co., 140 N. 4th, Phila., Pa.
EVERARD packing acid hose—Thermoid Rubber Co., Trenton, N. J.
EVER READY can openers—Bradley & Farnham, Middlefield, Conn.
EVER READY can openers—Ellis Mfg. Co., Milldale, Conn.
EVER-READY combination tools—Foote Mfg. Co., Davton, Ohio
EVER-READY corn shellers—Star Heel Plate Co., Hamburg pl, Newark, N. J.
EVER READY gas engines—Bauer Machine Works Co., Kansas City, Mo.
EVER READY hand power clothes washing machines—Favorite Mfg. Co., 319 Mt. Vernon av, Columbus, Ohio
EVER READY wrenches—Oswego Tool Co., Oswego, N. Y.
EVEREADY DAYLO electric lamp flashlights—American Ever Ready Works of National Carbon Co., Thompson av, L. I. City, N. Y.
EVEREADY helmets—Servus Rescue Equipment Co., 8 Johnson, Newark, N. J.

EVER-READY iron tub hoops—Weed & Co., 416 Main, Buffalo, N. Y.
EVER READY miners' lamps—Chas. Hoppe Co., 111 Opera pl, Cincinnati, Ohio
EVER READY safety razors—American Safety Razor Co., 303 Jay, Brooklyn, N. Y.
EVERY READY shoe stretchers—Wm. H. Horn & Bro., 431 3rd, Phila., Pa.
EVER-READY spoke auger machines—House Cold Tire Setter Co., 4143 Laclede, St. Louis, Mo.
EVER READY telephone pads—S. I. Atwater, 101 Lafayette, New York
EVER-READY tool emery grinders—Crestline Mfg. Co., Crestline, Ohio
EVERSON door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
EVERSON water coolers—Everson Filter Co., 70 W. Lake, Chicago, Ill.
EVER'S & HILDERBRANDT'S smoke houses—Evers Iron Works, Cleveland, Ohio
EVER-TIGHT piston rings & packings—Ever Tight Piston Ring Co., 1424 Chestnut, St. Louis, Mo.
EVER WEAR rubber roofing—National Roofing Material Co., Edwardsville, Ill.
EVERYBODY'S soap—International Supply Co., 2nd & Bent, Cambridge, Mass.
EWALD berry boxes—Cumberland Fruit Package Co., Cumberland, Wis.
EWART friction clutches & link-belt—Link-Belt Co., 39th & Stewart av, Chicago, Ill.
EWING extensometers—Taylor Instrument Companies, Rochester, N. Y.
EWLCO babbitt metal—Eagle Picher Lead Co., 208 S La Salle, Chicago, Ill.
EXCEL incandescent lamps—Novelty Incandescent Lamp Co., Emporium, Pa.
EXCELLO arc light carbons—Reisinger, Hugo, 11 Broadway, New York
EXCELLO circuit batteries—Clark & Mills Elec. Co., Cambridge, Mass.
EXCELLO harrows—Wm. Fetzer Co., Springfield, Ill.
EXCELLO resistance wire—H. Boker & Co., 101 Duane, New York
EXCELLO washing machines—Howe Co., Wheeling, W. Va.
EXCEL-O-VALVE flushing valves & slow closing basin cocks—Excelovalve Co., 322 W. 58th, New York
EXCELSIOR absorbent cotton—Maplewood Mills, Fall River, Mass.
EXCELSIOR auger bits—C. E. Jennings & Co., 71 Murray, New York
EXCELSIOR back pressure valves—Jenkins Bros., 80 White, New York
EXCELSIOR batteries—Waterbury Battery Co., Waterbury, Conn.
EXCELSIOR belt dressing—A. W. Chesterton Co., 64 India, Boston, Mass.
EXCELSIOR belting, belt lacing & apron leather—Wm. Coupe Co. (Ltd.), S. Attleboro, Mass.
EXCELSIOR biscuit cutting machinery—L. A. Rockwell Co., 430 Smith, Brooklyn, N. Y.
EXCELSIOR boiler compounds—Star Lubricating Oil Co., 8714 Broadway, Cleveland, Ohio
EXCELSIOR boiler injectors & boiler feeders—N. A. Watson, Erie, Pa
EXCELSIOR can openers—Bradley & Farnham, Middlefield, Conn.
EXCELSIOR can openers—Ellis Mfg. Co., Milldale, Conn.
EXCELSIOR carriage fasteners—C. Cowles & Co., New Haven, Conn.
EXCELSIOR chemicals—Wm. F. Jobbins, Aurora, Ill.
EXCELSIOR chimney tops—Excelsior Fire Clay Co., Lisbon, Ohio
EXCELSIOR china kilns—Hinz Mfg. Co., Detroit, Mich.
EXCELSIOR cider mills—S. R. White's Sons, Norfolk, Va.
EXCELSIOR clothes pin bags, coal bags, hammocks, skate straps—Excelsior Bag & Mfg. Co., Troy, N. Y.
EXCELSIOR coffee & spice mills—Wrightsville Hardware Co., Wrightsville, Pa.
EXCELSIOR concrete mixers—Excelsior Mixer & Machinery Co., Milwaukee, Wis.
EXCELSIOR corkboard insulation—Cork Insulation Co., Jersey City, N. J.
EXCELSIOR corn huskers—Wallingford Mfg. Co., Wallingford, Vt.
EXCELSIOR cultivators—Whitaker Mfg. Co., 509 W. Monroe, Chicago, Ill.
EXCELSIOR cushion springs—Trenton Spring Mattress Co., Trenton, N. J.
EXCELSIOR fanning mills—Johnson & Field Mfg. Co., Racine, Wis.
EXCELSIOR feed water heaters—Wm. Allen Sons Co., Worcester, Mass.
EXCELSIOR felt cleansers—Paper Makers' Chemical Co., Easton, Pa.
EXCELSIOR flour sieves—Leo. Schlesinger & Co., 66 Wooster, New York
EXCELSIOR fly swatters & fly paper—Cassady-Fairbanks Mfg. Co., 6126 S. La Salle, Chicago, Ill.
EXCELSIOR gauge cocks—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
EXCELSIOR grease traps—Sproul & McGurrin Co., Grand Rapids, Mich.
EXCELSIOR halter trimmings—Frazer & Jones Co., Syracuse, N. Y.
EXCELSIOR harrow attachments—Dexter Co., Fairfield, Ia.
EXCELSIOR hay presses—Collins Plow Co., Quincy, Ill.
EXCELSIOR hose reels—Cardington Cabinet Co., Cardington, Ohio
EXCELSIOR insulating paper—Meirowsky Bros., 106 Broadway, Jersey City, N. J.
EXCELSIOR kerosene lamp burners—Edw. Miller & Co., Meriden, Conn.
EXCELSIOR knitting machine needles—Torrington Co., Lakeport, N. H.
EXCELSIOR lawn mowers—Chadborn & Coldwell Co., Newburgh, N. Y.
EXCELSIOR lubricating oils & greases—Wm. P. Miller's Sons, Hancock, Long Island City, N. Y.
EXCELSIOR mitre boxes—McFarlan & Spilker Mfg. Co., Colerain & Dorman, Cincinnati, Ohio
EXCELSIOR motor cycles—Excelsior Motor Mfg. & Supply Co., 3701 Cortlandt, Chicago, Ill.
EXCELSIOR oiled clothing—H. M. Sawyer & Sons, Cambridge, Mass.
EXCELSIOR overhead washers—Vehicle Specialty Co., Hartford, Conn.
EXCELSIOR packing, deckle straps & hose—Boston Belting Corp., 84 Linden Park, Boston, Mass.
EXCELSIOR papermakers' felts—Bulkley, Dunton & Co., 75 Duane, New York
EXCELSIOR peanut planters—R. W. Whitehurst Mfg. Corp., Norfolk, Va.
EXCELSIOR rubber valves—Excelsior Valve Co., 108 Fulton, New York
EXCELSIOR sanded wall plaster—Empire Gypsum Co., Rochester, N. Y.
EXCELSIOR shears—Excelsior Tool & Machine Co., 32nd & Ridge, E. St. Louis, Ill.
EXCELSIOR soldering flux—Manhattan Electric Supply Co., 17 Park pl, New York
EXCELSIOR soldering flux—National Lead Co., 111 Broadway, New York
EXCELSIOR spray pumps & incubators & brooders—Wm. Stahl Sprayer Co., Quincy, Ill.
EXCELSIOR stamp pads—B. G. Volger Mfg. Co., Passaic, N. J.
EXCELSIOR steam & hot water heaters—Isaac A. Sheppard & Co., Erie av & Sepviva, Phila., Pa.
EXCELSIOR steel—Milnor & Goedman, 17 Bridge, New York
EXCELSIOR stoves—Sharp Mfg. Supply Co., New Phila., Ohio
EXCELSIOR tire air pumps—Judd & Leland Mfg. Co., Clifton Springs, N. Y.
EXCELSIOR trestles—Portland Extn. Ladder & Pole Co., 130 Orange, Newark, N. J.
EXCELSIOR trolley wheels—International Register Co., 15 Throop, Chicago, Ill.
EXCELSIOR valves—Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
EXCELSIOR vegetable cutters—Enterprise Mfg. Co. of Pa., Phila., Pa.
EXCELSIOR vertical drilling machines—Royersford Foundry & Machine Co., Royersford, Pa.
EXCELSIOR wall ties—Church Appliance Mfg. Co., La Salle, Ill.
EXCELSIOR washing machines—Wayne Mfg. Co., 124 Sidney, St. Louis, Mo.
EXCELSIOR welding compounds—Cortland Specialty Co., Cortland, N. Y.
EXCELSIOR well curbing—J. H. Bates, Arlington, Providence, R. I.
EXCELSIOR wing dividers—Wm. Schollhorn Co., New Haven, Conn.
EXCELSIOR wire fences & gates, wire fence clamps—Excelsior Fence Co., Spokane, Wash.
EXCELSIOR wire rope, cables & clamps, wire fences and gates, wire poultry netting, wire picture cords, rust proof wire tree guards, fences, clothes line wire, lath wire, stove pipe wire, fence ratchets, riddle & sieves, screens, wire cloth, wire rope, tow lines, wire gauze splints—Wright Wire Co., Worcester, Mass.

EXCELSIOR wood split pulleys—Excelsior Pulley Co., Cuba, N. Y.
EXCELSIOR ANCHOR bolting cloth—Hammond-Homberger Co., Silver Creek, N. Y.
EXCELSIOR RED FRICTION belting—Boston Belting Corp., 84 Linden Park, Boston, Mass.
EXCELTILE enameled metal tile—Stengel Bros. Co., Thompson & Chrtrs., Pittsburgh, Pa.
EXECUPLOR electric fixtures—Pettingell-Andrews Co., 166 Pearl, Boston, Mass.
EXEMPLAR insulatting tape, wood cross arms & insulator pins—Pettingell Andrews Co., 166 Pearl, Boston, Mass.
EXETER dry batteries—Stanley & Patterson, 23 Murray, New York
EXETER hot water radiators—Gibson Iron Works, Gibson City, Ill.
EXHYDROPLASTIC waterproofing materials—Universal Compound Co., 2 Rector, New York
EXIDE storage batteries—Electric Storage Battery Co., 19th & Allegheny av, Philadelphia, Pa.
EXO automobile horns—Troy Auto Specialty Co., Troy, N. Y.
EXPANSION door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
EXPANSION key chains—Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
EXPANSION packing—A. W. Chesterton Co., 64 India, Boston, Mass.
EXPANSION pipe hangers—Fred. E. Glenn, St. Charles, Ill.
EXPANSION valve & service boxes—Jarecki Mfg. Co., Erie, Pa.
EXPEDITE paint & varnish remover—Pratt & Lambert, Buffalo, N. Y.
EXPERT corn cleaners, fanning mills, grain graders—Cleveland Mfg. Co., Minneapolis, Minn.
EXPERT fishing reels—A. F. Meisselbach & Bros., 29 Congress, Newark, N. J.
EXPERT hunting knives—Marble Arms & Mfg. Co., Gladstone, Mich.
EXPORT carbon paper—J. A. Heale & Co., 96 John, New York
EXPORT clothes lines—Estes Mills, Falls River, Mass.
EXPORT typewriter ribbons—J. A. Heale & Co., 96 John, New York
EXPRESS neck yokes—Reno Mfg. Co., Erie, Pa.
EXPRESS telephone switchboards—American Electric Co., 6401 State, Chicago, Ill.
EXPRESS telephone switchboards—Kellogg Switchboard & Supply Co., 434 S. Green, Chicago, Ill.
EXPRESS vapor lamps—New York Stamping Co., N. 11th & Berry, Brooklyn, N. Y.
EXTRA electric engine bolt steel—Old Dominion Iron & Nail Works Co., Belle Isle, Richmond, Va.
EXTRA LEAKY pipe strainers—Henry B. Pancoast Co., 243 S. 3rd, Phila., Pa.
EXTRA SPECIAL natural color waste—Estes Mills, Fall River, Mass.
EYNON engineers' specialties—Eynon-Evans Mfg. Co., N. 15th & Clearfield, Phila., Pa.
EYNON-KORTING boiler injectors—Eynon-Evans Mfg. Co., N. 15th & Clearfield, Phila, Pa.
EYNON'S milling cutters—Surerus & Greenhill, 502 W. Division, Chicago, Ill.
EZEKIEL PAGE boat oars—New York Boat Oar Co., 69 West, New York
EZI needle threaders—Roeti-Hunt Corp., Putnam, Conn.
EZYCATCH fly traps—Thompson Co., Red Oak, Ia.
EZY-OUT screw extractors—Cleveland Twist Drill Co., 1 E. 49th, Cleveland, Ohio
EZYTEST burglar alarm window springs—Manhattan Electrical Supply Co., 17 Park pl, New York

F adjustable wrenches—Frank Mossberg Co., Attleboro, Mass.
F. A. switchboards—Frank Adam Electric Co., 904-14 Pine, St. Louis, Mo.
F-A-S burning brands—F. A. Sackmann, 810 Prospect av, Cleveland, Ohio
F. B. C. lock-nuts & washers—Flannery Bolt Co., Pittsburgh, Pa.
F. F. knife switches—Geo. Cutter Co., South Bend, Ind.
F.-F. shock absorbers—France Mfg. Co., 1434 W 75th, Cleveland, Ohio
F-F-F-F brattice cloth—Fulton Bag & Cotton Mills, Atlanta, Ga.
F. F. G. semi smokeless powder—King Powder Co., First Nat. Bank bldg., Cincinnati, Ohio
F. F. V. clothes washing machines—Richmond Cedar Works, Fulton, Richmond, Va.
F. F. V. float valves—Henry C. Freshour, Bridgeport, Conn.
F. P. SARGENT leather gloves—Detroit Leather Specialty Co., 275 Beecher, Detroit, Mich.
F. S. C. benzaldehyde—Chemical Co. of America, 28 Platt, New York
F.-W. Co. steam & hot water heaters—Fuller-Warren Co., 32nd cor. Wright, Milwaukee, Wis.
F. & C. & C. ironers—Columbia Mfg. Co., Columbia, Pa.
F. & E. check protectors—Hedman Mfg. Co., 227 W Erie, Chicago, Ill.
F. & F. Composition red sanitary flooring—Flexner-Taylor Co., Ltd., 786 E B'way, So. Boston, Mass.
F. & J. disc harrows—Madison Plow Co., Madison, Wis.
F. & J. gasoline engines—Fuller & Johnson Mfg. Co., Madison, Wis.
F. & J. BEMIS tobacco transplanters—Madison Plow Co., Madison, Wis.
F. & K. bath waste & overflow—Findeisen & Kropf Mfg. Co., 2559 W 21st, Chicago, Ill.
F. & P. gasoline lighting systems — Incandescent Light & Stove Co., Marbury av & B. & O. R. R., Cincinnati, Ohio
F. & R. pipe vises—Fulton Machine & Vise Co., Lowville, N. Y.
F. & S. ball bearings—Bearings Co. of America, Lancaster, Pa.
F. & S. ideal pumps—Field & Shorb Co., Decatur, Ill.
F. & W. gasoline engines—Flint & Walling Mfg. Co., Kendallville, Ind.
FABER blow-off valves—Elliott Co., Pittsburgh, Pa.
FABRIKOID imitation leather—Du Pont Fabrikoid Co., Wilmington, Del.
FAB-RI-KO-NA wall coverings—H. B. Wiggins Sons Co., Bloomfield, N. J.
FABROIL gears & pinions—General Electric Co., Schenectady, N. Y.
FACILE BABCOCK testers, milk & cream—D. H. Burrell & Co., Little Falls, N. Y.
FACILE pivoted window hardware—Facile Window Co., 103 Park av, New York
FAFNIR ball bearings—Fafnir Bearing Co., New Britain, Conn.
FAHERTY cylinder huller knives—French Oil Mill Machinery Co., Piqua, Ohio
FAHNESTOCK battery connectors—National Carbon Co., Madison av, N. W. & W. 117, Cleveland, Ohio
FAHNESTOCK wire connectors—Fahnestock Electric Co., Meadow, Long Island City, N. Y.
FAHRIG babbitt metal—Fahrig Metal Co., 34 Commerce, New York
FAHY permeameters—Holz Herman A., 2 Madison av, New York
FAIR garden cultivators—Brown-Manly Plow Co., Malta, Ohio
FAIRBANK screw drivers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
FAIRBANKS hammers, power & belt driven, & forging machines—United Hammer Co., 141 Milk, Boston, Mass.
FAIRBANKS platform & stock scales—Fairbanks, Morse & Co., 900 S. Wabash av, Chicago, Ill.
FAIRBANKS scales, scoops, shovels, spades, trucks & valves—Fairbanks Co., 416 Broome, New York
FAIRBANKS-MORSE power & wind mill pumps, oil engines, pumping jacks—Fairbanks, Morse & Co., 900 S. Wabash av, Chicago, Ill.
FAIRDAY clothes washing machines — Fairbanks, Morse & Co., 900 S. Wabash av, Chicago, Ill
FAIRFIELD incubators & brooders—Nebraska Incubators Co., Fairfield, Nebr.
FAIRFIELD lawn swings—Fairfield Lawn Swing Co., Brunswick, Me.
FAIRFIELD rubber coated cloth—Du Pont Fabrikoid Co., Wilmington, Del.
FAIRHURST air compressors—American Air Compressor Works, 26 Cortlandt, New York
FAIRMONT gasoline engines—Fairmont Gas Engine & Ry Motor Car Co., Fairmont, Minn.
FAIRMONT miners' coal augers—Fairmont Mining Machinery Co., Fairmont, W. Va.
FAIRY hame fasteners—Covert Saddlery Works, Interlaken, N. Y.
FAIRY hose nozzles—Boston Woven Hose & Rubber Co., Cambridge, Mass.
FAIRY hose nozzles—Landers, Frary & Clark, New Britain, Conn.
FAIRY ladders—Frizell Ladder Co., 135 Granite av, Boston, Mass.
FAIRY lawn swings—Challenge Co., Batavia, Ill.
FAIRY radical gas heaters—Lawson Mfg. Co., Homestead, Pa.
FAIRY velocipedes—Colson Co., Elyria, O.
FAIRY QUEEN gas irons—Central Flatiron Mfg. Co., Johnson City, N. Y.
FAIVRETTE clam shell buckets—Williams, G. H., Co., Erie, Pa.

FALCON cement—Balfour, Guthrie & Co., San Francisco, Cal.
FALCON crayons—Standard Crayon Mfg. Co., Danvers, Mass.
FALCON fire alarm signal boxes—J. H. Bunnell Co., 32 Park pl, New York
FALCON fixture wrenches—Yost Electric Mfg. Co., Toledo, Ohio
FALCON wall paper base cutters—Cassady, Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
FALCON waste plug spanners—J. H. Williams & Co., 31 Richards, Brooklyn, N. Y.
FALES PATENT bench planes—Otis A. Smith, Rockfall, Conn
FALK gasoline engines—Advance-Rumely Co., La Porte, Ind.
FALL RIVER butchers' knives—E. S. Hulbert & Co., Bernardstown, Mass.
FALLS friction clutches—Falls Clutch & Machinery Co., Cuyahoga Falls, Ohio
FALLS NEVERSLIP rubber tires—Falls Rubber Co., Cuyahoga Falls, Ohio
FAMA fire-proof floors—Minnesota Fama Stonewood Co., St. Paul, Minn.
FAMILY butchers' cleavers — Forsyth Metal Goods Co., E. Aurora, N. Y.
FAMOUS boiler compounds — Northrop Lubricating Oil Co., 308 N. Commercial av, St. Louis, Mo.
FAMOUS closet seats—C. F. Church Mfg. Co., Holyoke, Mass.
FAMOUS ensilage feed & fodder cutters—Jos. Dick Mfg. Co., Canton, Ohio
FAMOUS kitchen knives, kitchen sets—American Cutlery Co., 764 Mather, Chicago, Ill.
FAMOUS ladders — Goshen Churn & Ladder Co., Goshen, Ind.
FAMOUS lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.
FAMOUS Ohio cultivators & beet pullers—Ohio Cultivator Co., Bellevue, Ohio
FAMOUS oil filters—Northrop Lubricator Co., 308 N. Commercial av, St. Louis, Mo.
FAMOUS pumping engines—International Harvester Co., Harvester bldg, Chicago, Ill.
FAMOUS universal wood working machines—Sidney Tool Co., Sidney, O.
FAMOUS BURTON bob sleds—Thornburgh Mfg. Co., Bowling Green, Ohio
FAMOUS ST. JOE riding & walking listers—St. Joseph Plow Co., St. Joseph, Mo.
FANCLEVE junction boxes—John L. Gleason, Jamaica Plains, Boston, Mass.
FANNIE blast furnaces—United Iron & Steel Co., Cleveland, O.
FANNING lemon squeezers—J. P. Fanning, 678 Jefferson av, Brooklyn, N. Y.
FARADAY electric bells—Stanley & Patterson, 23 Murray, New York
FARGO spring tooth harrows—Genesee Valley Mfg. Co., Mt. Morris, N. Y.
FARLEY cocks & bibbs—Crampton-Farley Brass Co., Kansas City, Mo.
FARLOW draft gear—T. H. Symington Co., Md. Trust bldg, Baltimore, Md.
FARMER BOY tractors—McIntyre Mfg. Co., Columbus, Ohio
FARM KING hand forks—Pratt Fork & Hoe Corp., Frankfort, N. Y.
FARM KING sulky plows—Rockford Mfg. Co., Rockford, Ill.
FARM QUEEN gang plows—Rockford Mfg. Co., Rockford, Ill
FARMERS' gang press wheel attachments—American Seeding Machine Co., Richmond, Ind.
FARMERS' root cutters—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
FARMERS' FAVORITE fanning mills—Johnson & Field Mfg. Co., Racine, Wis.
FARMERS' FAVORITE grain drills & rice planting drills—American Seeding Machine Co., Springfield, Ohio
FARMERS FRIEND cart sprayer—Deming Co., Salem, O.
FARMERS' FRIEND farm boilers—A. Buch's Sons Co., Elizabethtown, Pa.
FARMERS' FRIEND fertilizer distributors—Wirtz & Hernlen, Augusta, Ga.
FARMERS' FRIEND portable grain elevators—Cizek Bros. Mfg. Co., Clutier, Ia.
FARMERS' FRIEND portable grain elevators—G. & D. Mfg. Co., Streator, Ill.
FARMERS' FRIEND straw stackers—Indiana Mfg. Co., Merchants Bank bldg, Indianapolis, Ind.
FARMERS HANDY feed cookers—Empire Mfg. Co., Quincy, Ill.
FARNHAM vacuum rolls—Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
FARNLEY iron—Houghton & Richards, 145 Oliver, Boston, Mass.
FARQUHAR hot air furnaces & furnace regulators—Farquhar Furnace Co., Wilmington, Ohio
FARQUHAR traction engines—A. B. Farquhar Co., York, Pa.
FARRELL grapple forks—Jno. Farrell & Son, Newton, N. J.
FARRIER drop forged wrenches—Kilborn & Bishop Co., New Haven, Conn.
FARRIS sand bands—Concord Axle Co., Penacook, N. H.
FARWELL foundry molding machines—Adams Co., Dubuque, Ia.
FARWELL gear hobbing machines, gear testing machines, milling machines, reamer grinders—Adams Co., Dubuque, Ia.
FASSETT signal lamps—Dressel Railway Lamp Works, 3800 Park av, New York
FASSMACHT wire bound boxes—Plymouth Novelty Mfg. Co., Plymouth, Ind.
FAST mail double-acting pumps—Flint & Walling Mfg. Co., Kendallville, Ind.
FAST RUNNER ice creepers—Norlund Mfg. Co., Williamsport, Pa.
FASTEY insulating tape—Freydberg Bros., Inc., 50 W 18th, New York
FAUGHT'S closed hub wheels—Lobdell Car Wheel Co., G, nr Christiana, Wilmington, Del.
FAULKNER-ELLIS course indicators—John Hand & Sons Co., 222 Walnut, Phila., Pa.
FAULTLESS axes—Romer Axe Co., Dunkirk, N. Y.
FAULTLESS bed & furniture casters—Faultless Caster Co., Evansville, Ind.
FAULTLESS conductor pipe hooks—Klauer Mfg. Co., Dubuque, Ia.
FAULTLESS cocks & bibbs—J. J. Ryan & Co., 100 S. Jefferson, Chicago, Ill.
FAULTLESS door rollers—Lawrence Bros., Sterling, Ill.
FAULTLESS fly swatters—National Mfg. Co., Worcester, Mass.
FAULTLESS garment hangers—National Hanger & Fixture Mfg. Co., 496 E. 134th, New York
FAULTLESS hay fork pulleys, door hangers, barn door rails, pump stands—F. E. Myers & Bro., 800 Orange, Ashland, Ohio
FAULTLESS hoes—Union Fork & Hoe Co., Columbus, Ohio
FAULTLESS hospital stretchers—H. D. Dougherty & Co., 17th & Indiana av, Phila., Pa.
FAULTLESS hot air furnaces & stoves—Graff Furnace Co., 105 E 29th, New York
FAULTLESS insulating compounds—Candy & Co., 403 N. Paulina, Chicago, Ill.
FAULTLESS metal polish—Hawkeye Oil Co., Waterloo, Iowa.
FAULTLESS packing—Hoyt Metal Co., Boatmen's Bank bldg, St. Louis, Mo.
FAULTLESS paint & varnish remover—Geo. E. Watson Co., 62 W. Lake, Chicago, Ill.
FAULTLESS parting compounds—Hill-Griffith Co., 1262 State av, Cincinnati, Ohio
FAULTLESS pen & pencil clips—L. D. Van Valkenburg, Holyoke, Mass.
FAULTLESS pumps—F. E. Myers & Bro., Ashland, Ohio
FAULTLESS ranges—Faultless Iron Works, St. Charles, Ill.
FAULTLESS reducing wheels—Trill Indicator Co., Corry, Pa.
FAULTLESS stay rolls—Lawrence Bros., Sterling, Ill.
FAULTLESS step ladders—Goshen Mfg. Co., Goshen, Ind.
FAULTLESS stump pullers—R. S. Caward, Cresco, Ia.
FAULTLESS thermometers—C. J. Tagliabue Mfg. Co., 18 33d, Brooklyn, N. Y.
FAULTLESS unloaders—F. E. Myers & Bro., Ashland, Ohio
FAULTLESS water closets—Kretschmer Mfg. Co., Dubuque, Ia.
FAULTLESS V. V. clips—L. D. Van Valkenburg, Holyoke, Mass.
FAVARIT—steel tray barrows—J. W. Conner & Son, Orangeville, Pa.
FAVORITE alligator hay presses—J. A. Spencer, Dwight, Ill.
FAVORITE bath brushes—Standard Brush Co., New Hartford, Conn.
FAVORITE bob sleds—Sheboygan Coaster & Wagon Works, Sheboygan, Wis.
FAVORITE ceiling hooks—E. Jencks Mfg. Co., Worcester, Mass.
FAVORITE chalk & masons' lines—Lees Mfg. Co., Westport, Conn.

FAVORITE churns—Dobson Mfg. Co., Rockford, Ill.
FAVORITE clothes dryers—Williamson Heater Co., 339 W 5th, Cincinnati, Ohio
FAVORITE clothes washing machines, spray pumps & valve grinders—Favorite Mfg. Co., 319 Mt. Vernon av, Columbus, Ohio
FAVORITE cork pullers—Arcade Mfg. Co., Freeport, Ill.
FAVORITE flour sieves—Fred J. Meyers Mfg. Co., Hamilton, Ohio
FAVORITE flue blowers—Sherwood Mfg. Co., 1710 Elmwood av, Buffalo, N. Y.
FAVORITE gang press wheel attachments—American Seeding Machine Co., Richmond, Ind.
FAVORITE gas ranges—Favorite Stove & Range Co., Piqua, Ohio
FAVORITE gauge glass cutters—H. A. Rogers Co., 87 Walker, New York
FAVORITE glass cutters—Browne & Dowd Mfg. Co., Meriden, Conn.
FAVORITE glass cutters—Fletcher, Terry Co., Forestville, Conn.
FAVORITE glass cutters—J. E. Miller & Co., 330 W. Kinzie, Chicago, Ill.
FAVORITE harrows & pulverizers—Parlin & Orendorff Co., Canton, Ill.
FAVORITE hydrants—Rumsey Pump Co., Ltd., Seneca Falls, N. Y.
FAVORITE incubators & brooders—Leahy Mfg. Co., Higginsville, Mo.
FAVORITE kerosene lamp burners—Edw. Miller & Co., Meriden, Conn.
FAVORITE knife & scissors grinders & lawn mower sharpeners—Root-Heath Mfg. Co., Plymouth, Ohio Ohio
FAVORITE lawn mowers—American Lawn Mower Co., Muncie, Ind.
FAVORITE meat & food choppers—Peck, Stow & Wilcox Co., Southington, Conn.
FAVORITE overhead cut-off saws—J. W. Conner & Son, Orangeville, Pa.
FAVORITE packing—Acme Rubber Mfg. Co., Trenton, N. J.
FAVORITE packing—American Steam Packing Co., 10 High, Boston, Mass.
FAVORITE pincers—Champion Tool Co., Meadville, Pa.
FAVORITE stove lid lifters—Grey Iron Casting Co., Mt. Joy, Pa.
FAVORITE stoves—Pittston Stove Co., Pittston, Pa.
FAVORITE tank heaters—Challenge Co., Batavia, Ill.
FAVORITE threshers—J. W. Connor & Son, Orangeville, Pa.
FAVORITE tube scrapers—Stewart Heater Co., Buffalo, N. Y.
FAVORITE water coolers—Hale & Kilburn Co., 1800 Lehigh av, Phila., Pa.
FAVORITE window cleaners—Gardner Mfg. Co., Dayton, Ohio
FAW auto creepers—J. W. Faw, Inc., 41 Warren, New York
FAY calipers & dividers—L. S. Starrett Co. (The), Athol, Mass.
FAY cam cutting machines & engine lathes—Fay Machine Tool Co., 2nd & Glenwood av, Phila., Pa.
FAY'S scroll saws—Henry Disston & Sons, Tacony, Phila., Pa.
FEARLESS manure spreaders—Harder Mfg. Co., Cobleskill, N. Y.
FEARLESS manure spreaders—Walter A. Wood, Hoosick Falls, N. Y.
FEARLESS ranges—Faultless Iron Works, St. Charles, Ill.
FEATHER mercury testing columns—N. B. Feather, Hackett, Newark, N. J.
FEATHERBONE whips—Featherbone Whip Co., Westfield, Mass.
FEATHEREDGE sponge rubber—Featheredge Rubber Co., 458 W. Grand av, Chicago, Ill.
FEATHERLIGHT fishing reels—A. F. Meisselbach & Bros., 29 Congress, Newark, N. J.
FEATHERLITE metallic packing—Strong Machinery & Supply Co., 21 Walker, New York
FEATHERWEIGHT card tables—E. T. Burrowes Co., Portland, Me.
FEATHERWEIGHT FLEXIBLE rulers—Westcott-Jewell Co., Seneca Falls, N. Y.
FEDERAL adding machine—Federal Adding Machine Corp., York & Grove, New Haven, Conn.
FEDERAL belting—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
FEDERAL blue printing machines—Keuffel & Esser Co., Hoboken, N. J.
FEDERAL boiler compounds—Federal Graphite Mills, 2639 E. 79th, Cleveland, Ohio
FEDERAL concrete hardeners—Federal Steel Cement Mills, Cleveland, Ohio
FEDERAL dry core compounds & steel foundry facings—Federal Foundry Supply Co., 2639 E 79th, Cleveland, O.
FEDERAL elastic cements—Federal Process Co., Cleveland, Ohio
FEDERAL folding clothes racks—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
FEDERAL incandescent lamps—Federal Miniature Lamp Division Nat'l Lamp Works of G. E. Co., 920 S Michigan av, Chicago, Ill.
FEDERAL metallic lockers—Federal Steel Fixture Co., 4545 Homer, Chicago, Ill.
FEDERAL packing—Voorhees Rubber Mfg. Co., 18 Bostwick av., Jersey City, N. J.
FEDERAL planing machines—E. E. Bartlett, 326 A, Boston, Mass.
FEDERAL plow clevises—Federal Malleable Co., West Allis, Wis.
FEDERAL punches, bench shears, wire straightening machines, rod & wire cutters—Chandler & Farquhar Co., 36 Federal, Boston, Mass.
FEDERAL steam hose—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
FEDERAL water filters—Loomis Manning Filter Distributing Co., Phila., Pa.
FEHY hose couplings—Elkhart Brass Mfg. Co., Elkhart, Ind.
FEIST trolley harps—Electrical Material Co., 618 W Jackson blvd, Chicago, Ill.
FELDING flush plugs—H. T. Palate Co., 32nd & Arch, Phila., Pa.
FELLSEN pneumatic tires—Fellsen Tire Co., 1995 Broadway, New York
FELTA water softening & purifying apparatus—Richmond Water Softener Co., Box 128, Richmond, Ind.
FELTEX saturated felts—Philip Carey Mfg. Co., 330 Wayne av, Lockland, Cincinnati, Ohio
FELTHOUSEN cylinder lubricators & gauge cocks—Sherwood Mfg. Co., 1710 Elmwood av, Buffalo, N. Y.
FELTOID bed & furniture casters—Burns & Bassick Co. Div. of the Bassick Co., Bridgeport, Conn.
FELTOID window anti-rattlers—Peabody, Henry W., & Co., 17 State, New York
FELTON conduit wiring & sewer rods—Harold L. Bond Co., 391 Atlantic av, Boston, Mass.
FEMA closet seats—Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
FEMCO bath & basin traps—Frost Mfg. Co., Kenosha, Wis.
FENDEN lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.
FENESTRA wrought steel window frame—Detroit Steel Products Co., Detroit, Mich.
FENN gear cutter grinders, bench drilling machines—Fenn Mfg. Co., 385 Broad, Hartford, Conn.
FENN'S post hole augers—Fenn Mfg. Co., Charlotte, Mich.
FENN rotary ventilators—Fenn Ventilator Co., 94 Blackstone, Boston, Mass.
FEPS carbureters—Schoen-Jackson Co., Media, Pa.
FERALUN brake shoes, stair treads—American Abrasive Metals Co., 50 Church, New York
FERGUSON electric desk lights—J. Alexander Mfg. Co., 1931 Broadway, New York
FERGUSON flue welding machines—Jos. T. Ryerson & Son, 2558 W. 16th, Chicago, Ill.
FERGUSON gasoline engines—Ferguson Mfg. Co., Waterloo, Iowa
FERGUSON locomotive fire kindler & flue welding, forging & roll tempering furnaces—Railway Materials Co., Railway Exch. bldg, Chicago, Ill.
FERGUSON rain gauges—International Instrument Co., 23 Church, Cambridge, Mass.
FERGUSON tackle blocks—Pittsburgh Block & Mfg. Co., 818 South av, Pittsburgh, Pa.
FERGUSON tube expanders—A. L. Henderer's Sons, Maryland av & Beach, Wilmington, Del.
FERNALD trace holders—Fernald Mfg. Co., North East, Pa.
FERNCO incandescent electric lamps—Franklin Electric Mfg. Co., Hartford, Conn.
FERNOLEUM shingle stains—A. Wilhelm Co., Reading, Pa.
FEROX iron oxide paints—Hammond Process Co., Norwich, Conn
FERREN can openers—Goodell Co., Antrim, N. H.
FERRENEWO valves—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
FERRET automobile wrenches—Pederson Mfg. Co., 636 1st av, New York
FERRO case compounds—C. G. Buchanan Chemical Co., 118 E Pearl, Cincinnati, Ohio
FERRO grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio

FERROCAL heat treating wire baskets—C. O. Jelliff Mfg. Corp., Southport, Conn.
FERRO-KEEP preserving & rust inhibitive paints—Harrison Works (Du Pont), 35th & Grays Ferry rd, Philadelphia, Pa.
FERROINCLAVE fire-proof floors, concrete reinforcing materials & construction—Brown, Hoisting Machinery Co., 4403 St. Clair, N. E., Cleveland, Ohio
FERROLITHIC concrete reinforcing materials—Berger Mfg. Co., Canton, Ohio
FERROSTAT vacuum bottles—Stanley Insulating Co., Great Barrington, Mass.
FERRO TEX waterproofing materials—Monitor Oil Co., Cleveland, Ohio
FERY radiation pyrometers—Taylor Instrument Companies, Rochester, N. Y.
FETCHUM tack claws & pullers—Cassaday Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
FETTA filtering & purifying plants—Richmond Water Softener Co., Box 128, Richmond, Ind.
FETTER'S sardine scissors—C. S. Osborne & Co., Harrison, N. J.
FETZER harrows, drills, grass seeders, potato planters, plows, seeders & sowers—Fetzer & Co., Springfield, Ill.
FEWING car replacers—Adreon Mfg. Co., Security bldg., St. Louis, Mo.
FIBERITE packing mfrs.—Dominion Asbestos & Rubber Corp., 154 Nassau, New York
FIBERLIC wall boards—MacAndrews & Forbes Co., 200 5th av, New York
FIBERTAN packing—Penna. Petroleum & Supply Co., 115 N. 2nd, Philadelphia, Pa.
FIBO asbestos brake lining & sheet packing—Asbestos Fibre Spinning Co., North Wales, Pa.
FIBREBESTOS packing—Akron Metallic Gasket Co. Akron, Ohio
FIBRE-CLAD weatherproof wire—Peerless Insulated Wire & Cable Co., 90 West, New York
FIBREX tree wire—Simplex Wire & Cable Co., 201 Devonshire, Boston, Mass.
FIBRINE insulating washers—Jno. M. Fox & Co., Portland, Me.
FIBRO closet seats—Columbus Brass Co., Columbus, Ohio
FIBRO-METALLIC asbestos packing—General Asbestos Rubber Co., Charleston, S. C.
FIBROTTA fibre pails & cuspidors—Fibre Corporation, Lockport, N. Y.
FIBROTTA water coolers—Cordley & Hayes, 7 Leonard, New York
FIDELITY cotton & wool waste—J. Hilton Hagy Waste Works, 836 S. Swanson, Phila, Pa.
FIDELITY packing—I. G. Jones Co., Syracuse, N. Y.
FIDELITY rubber hose & packing—National India Rubber Co., Bristol, R. I.
FIDELITY rubber packing—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio
FIDELITY steam traps—Monash-Younker Co., 1407 W. Jackson blvd, Chicago, Ill.
FIEBING'S hoof dressing, harness soap, lusterine polish Fiebing Chemical Co., 240 Reed, Milwaukee, Wis.
FIELD drag line excavators—Clyde Iron Works, Duluth, Minn.
FIELD gasoline engines—Field-Brundage Engine Works, Jackson, Mich.
FIELD tower excavators—Clyde Iron Works, Duluth, Minn.
FIELDCO leather gaskets, flexible & fibre packing, felt, fibre, lead & leather, paper, plumbers, vehicle, etc., washers—R. B. Field & Co., Worcester, Mass.
FIELDING junction boxes, stage & receptacle plugs—Stanley & Patterson, 23 Murray, New York
FIELDING receptacles—H. T. Paiste Co., 32nd & Arch, Phila., Pa.
FIELDS tomato pulp cookers—U. S. Bottlers' Machinery Co., 1033 W. Lake, Chicago Ill.
FILE 'EM QUICK skate sharpeners—Cleveland Osborn Mfg. Co., 5404 E Hamilton, Cleveland, Ohio
FILEINE cutting oils—E. F. Houghton & Co., 240 W. Somerset, Phila., Pa.
FILL-IT iron & steel filler cements—Doggett Stanley, 11 Cliff, New York
FILL-IT pipe joint cements—Doggett Stanley, 11 Cliff, New York
FILTCHAR carbon—Industrial Chemical Co., 200 5th av, New York
FILTER-CEL filter powder cloth—Celite Products Co., 11 B'way, New York
FIL-TITE putty powder—F. W. Thurston Co., 1832 S. Clark, Chicago, Ill.
FILTROLA coffee percolators — Crystal Per[illegible] Co., 44 E. 23rd, New York
FINCH turf edgers—Standard Earth Auger Co., 1128 Newport av, Chicago, Ill.
FINGARBRITE hand soap—Rath Mfg. Co., Hedley & Richmond, Phila., Pa.
FINLAYSON wire rope tramways—McFarlane Mfg. Co., Denver, Colo.
FINNELL floor scrubbing machines—Finola Mfg. Co., Hannibal, Mo.
FINNEY safety razors—H. C. Hart Mfg. Co., Unionville, Conn.
FIREARMS PET hose nozzles—Elkhart Brass Mfg. Co., Elkhart, Ind.
FIRE FELT locomotive lagging—H. W. Johns-Manville Co., Madison av & 41st, New York
FIRE FLY fire extinguishers—Northwestern Chemical Co., Marietta, Ohio
FIREFLY garden weeders & steering sleds—S. L. Allen & Co., Inc., Denckla bldg, Phila., Pa.
FIRE FLY spark plugs—Sharp Spark Plug Co., 3343 Broadview rd, Cleveland, Ohio
FIRE-FLY storage batteries—Hoosier Storage Battery Co., Evansville, Ind.
FIREFOAM fire extinguishers—Erwin Mfg. Co., Montgomeery bldg, Milwaukee, Wis.
FIRE FOE fireproof paints—Price Fire & Waterproofing Co., Poughkeepsie, N. Y.
FIRE GUN fire extinguishers—Fire Gun Mfg. Co., 115 4th av, New York
FIRE KING fire extinguishers & hose—Henry K. Barnes Co., 234 Devonshire, Boston, Mass.
FIRE KING gas heaters, laundry stoves, ranges—A. Weiskittel & Son Co., 12th & E. Lombard, Baltimore, Md.
FIRE KING hose nozzles—Sieben Chemical Spraying Nozzle Co., Kansas City, Mo.
FIRESIDE cobblers' outfit—Root-Heath Mfg. Co., Plymouth, Ohio
FIRESTONE rubber tires, tire cements, horse shoe pads, tire repair plugs, auto rims & tire sleeves—Firestone Tire & Rubber Co., Akron, Ohio
FIRE WARDEN fire extinguishers—Knight & Thomas, 212 Summer, Boston, Mass.
FIRMA gauge glasses—Advance Packing & Supply Co., 11-15 N. Franklin, Chicago, Ill.
FIRO high pressure square packing—New York Belting & Packing Co., 91 Chambers, New York
FIRST kitchen cabinets—Faultless Iron Works, St. Charles, Ill
FISCHER'S double box blocker machines—Fischer Machine Works, 1845 Carroll av, Chicago, Ill.
FISH oven builders—Fish Rotary Oven Co., Walworth, Wis.
FISHER anvils—Fisher & Norris, Trenton, N. J.
FISHER automatic ventilators—Fisher Martin & Sons, 438 Pearl, Buffalo, N. Y.
FISHER pump governors—Fisher Governor Co., Marshalltown, Ia.
FISHER ventilators—Martin Fisher & Sons, 438 Pearl, Buffalo, N. Y.
FISHER vises—Fisher & Norris, Trenton, N. J.
FISK electric heaters—W. G. Nagel Elec. Co., Toledo, Ohio
FISK rubber tires—Fisk Rubber Co., Chicopee Falls, Mass.
FISKLOCK brick front—Fiske & Co., Inc., 40 W. 32d, New York
FITALL pipe straps—Twisted Wire & Steel Co., 437 11th av, New York
FITALL shoe trees & stretchers—A. R. Anderson & Co., Arlington, N. J.
FITCH china kilns—Stearns, Fitch & Co., Springfield, Ohio
FITCHBURG files—Simonds Mfg. Co., Fitchburg, Mass.
FITCHBURG steam engines—Fitchburg Steam Engine Co., Fitchburg, Mass.
FITCHBURG stop & waste cocks—Hamlin & Emery Brass Co., 49 Island, Boston, Mass.
FITCHBURG universal grinders—Fitchburg Grinder Co., Fitchburg, Mass.
FITZ-ALL paint & white wash spraying machines—H. L. Hurst Mfg. Co., Ohio
FITZGERALD prepared plaster—United States Gypsum Co., 205 W. Monroe, Chicago, Ill.
FIVE electric vacuum cleaners—Hurley Machine Co., 29 S. Clinton, Chicago, Ill.
FIVE-MINUTE-CURE tire cements—American Tire & Rubber Co., Akron, Ohio
FIXED nozzle boiler injectors—Rue Mfg. Co., 228 Cherry, Phila., Pa.
FLAG padlocks—Slaymaker Lock Co., Lancaster, Pa.
FLAHERTY carboy rockers—Eimer & Amend, 205 3rd av, New York
FLAMOR flaming arc lamps—Chas. Hagstedt, 139 E. 54th, New York
FLANDERS electric automobile horns—Flanders Co., Detroit, Mich.

FLANGETITE packing mfrs., flexible fibre & sheet packing—Dominion Asbestos & Rubber Corp, 154 Nassau, New York
FLANNER water tube boilers—Springfield Boiler Co., Springfield, Ill.
FLASH roof flanges—Prier Brass Mfg. Co., Kansas City, Mo.
FLASH silver polish & antiseptic hand & liquid cleaner soap—Flash Chemical Co., 160 2nd, Cambridge, Mass.
FLASH CAMFO-CEDAR insecticides—Flash Chemical Co., 160 2nd, Cambridge, Mass.
FLASH CREOTHOL disinfectants—Flash Chemical Co., 160 2nd, Cambridge, Mass.
FLASHED front brick—Ironclay Brick Co., Columbus, Ohio
FLASH-I-DO electric illuminated signs—Lindstrom Smith Co., 1104 S. Wabash av, Chicago, Ill.
FLASH VEGETOL automobile oil soap—Flash Chemical Co., 160 2nd, Cambridge, Mass.
FLAT O'ROLL toilet paper holders—S. J. Bens Mfg. Corp., Herkimer, N. Y.
FLATLINE wall finish—Standard Varnish Works, 90 West, New York
FLAXLINUM insulation—Northern Insulating Co., St. Paul, Minn.
FLAXOAP linseed oil soap—Sherwin-Williams Co., Cleveland, Ohio
FLEETWING steering sleds—Buffalo Sled Co., North Tonawanda, N. Y.
FLEETWOOD horse brushes—Standard Brush Co., New Hartford, Conn.
FLEMING lawn swings—Fleming & Sons Mfg. Co., Huntsville, Mo.
FLEMING shoe soling sewing machines—Landis Machine Co., 25th & Mullanphy, St. Louis, Mo.
FLEMING steam engines—Harrisburg Fdry. & Machine Works, Harrisburg, Pa.
FLENTJE shock absorbers—Flentje, Ernst, 1643 Cambridge, Cambridge, Mass.
FLETCHER carbureters—Trenton Brass & Machine Co., Trenton, N. J.
FLETCHER insulated racks—Fletcher Mfg. Co., Dayton, Ohio
FLETCHER'S dye tubs—J. I. Terhune, 164 Ward, Paterson, N. J.
FLEUR-DE-LIS dry batteries—French Battery & Carbon Co., Madison, Wis.
FLEUR-DE-LIS oil filters & steam traps—Boston Steam Specialty Co., 332 A, Boston, Mass.
FLEX clamp ground connection clamps—Novelty Electric Co., 50 N. 4th, Phila., Pa.
FLEX-A-TILE asphalt shingles—Heppes-Nelson Roofing Co., 4500 Fillmore, Chicago, Ill.
FLEX-A-TILE-ROOFING ready asphalt—Heppes-Nelson Roofing Co., 4500 Filmore, Chicago, Ill.
FLEXIBLE belt dressing—Burr Oak Belting Co., 521 Livingston, Cincinnati, Ohio
FLEXIBLE belt fasteners & belt lacing—Columbia Novelty Mfg. Co., 1431 N. 8th, St. Louis, Mo.
FLEXIBLE FLYER children's steering sleds—S. L. Allen & Co., Denckla bldg., Phila., Pa.
FLEXIBLE key rings—Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
FLEXIBLE laundry starch—Corn Products Refining Co., 17 Battery pl, New York
FLEXIBLE rawhide belting—Wm. Coupe Co., Ltd., South Attleboro, Mass.
FLEXIBLE trolley brackets—Creaghead Engineering Co., 340 Main, Cincinnati, Ohio
FLEXIBLE SUPPORT shaking screens—Link-Belt Co., 39th & Stewart av, Chicago, Ill.
FLEXITE flat belting—F. Raniville Co., Grand Rapids, Mich.
FLEXITE paints—Standard Paint Co., 233 Broadway, New York
FLEXITE sheet packing—Boston Belting Corp., 84 Linden Park, Boston, Mass.
FLEXITE BALATA belting—Boston Belting Corp., 84 Linden Park, Boston, Mass.
FLEXNER nail sound-proof cushions & fireproof nailing courses—Flexner-Taylor Co., Ltd., 786 E. Broadway, S. Boston, Mass.
FLEXO aero radiators—Flexo Mfg. Co., 1312 E 12th, Los Angeles, Cal.
FLEXO automobile belts—Detroit Leather Works, 141 Champlain, Detroit, Mich.
FLEXO incandescent gas mantles—Peerless Light Co., 174 W. Randolph, Chicago, Ill.
FLEXO plumbers' washers—Woodward-Wanger Co., 1106 Vine, Phila., Pa.
FLEXOL carriage top dressing & waterproofing materials—Flexol Co., 31 W. 31st, New York
FLEXOLE belt dressing—E. N. Pike & Son, 93 Broad, Boston, Mass.
FLEXOTILE sanitary flooring—Flexotile Floor Co., Rockford, Ill.
FLEXOTYPE duplicators — American Multigraph Sales Co., 1832 E. 40th, Cleveland, Ohio
FLEXOTYPE duplicators—Neidich Process Co., Burlington, N. J.
FLEXSTEEL conduits—National Metal Molding Co., 1110 Fulton bldg., Pittsburgh, Pa.
FLEXSTONE fireproof & sanitary flooring—Flexstone Construction Co., Hartman bldg., Columbus, Ohio
FLEXTUBE non-metallic flexible conduit—National Metal Molding Co., 1110 Fulton bldg, Pittsburgh, Pa.
FLINN steam traps—Star Brass Mfg. Co., 108 E. Dedham, Boston, Mass.
FLINT cement & wood fibre plaster—United States Gypsum Co., 205 W. Monroe, Chicago, Ill.
FLINT-O-LITE concrete hardeners & sanitary flooring—Frank D'Josup, 133 W. Washington, Chicago, Ill.
FLINT-RIM wheels—Link-Belt Co., 39th & Stewart av, Chicago, Ill.
FLINTSTONE belting—Edward R. Ladew Co., 54 Franklin, New York
FLISCREEN window screens—H. C. Parlee & Co., 25 Haverhill, Boston, Mass.
FLODIN self-oiling wheels—Lake Shoe Engine Works, Marquette, Mich.
FLO-EZE ink—Ink Ribbon Mfg. Co., 633 Howard, San Francisco, Cal.
FLOORCOTE floor finish—Wm. Waterall & Co., Camden, N. J.
FLOORENITE floor finish—Atlantic Varnish Works, Inc., Richmond, Va.
FLOOR FLAT LAC floor finish—Emil Calman & Co., 100 William, New York
FLOORSTONA floor finish— Keystone Varnish Co., 71 Otsego, Brooklyn, N. Y.
FLORA radical gas heaters—Lawson Mfg. Co., Homestead, Pa.
FLORA water closets—Central Metal & Supply Co., 611 E. Lombard, Baltimore, Md.
FLORADORA insect guns—Thos. W. Houchin Co., 36 E. 12th, New York.
FLORAL steam & hot water heaters—Monroe Foundry & Furnace Co., Monroe, Mich.
FLORAL CITY hot air furnaces, steam & hot water heaters—Monroe Foundry & Furnace Co., Monroe, Mich.
FLORAN collar shaping machines & seam dampening machines—Chicago Laundry Machinery Co., 213 W. Grand, Chicago, Ill.
FLOREDOME tile floor steel—Truscon Steel Co., Youngstown, O.
FLORENCE oil stoves & heaters—Central Oil & Gas Stove Co., Gardner, Mass.
FLORENCE pig iron—Sloss Sheffield Steel & Iron Co., Birmingham, Ala.
FLORENCE sewing machine—A. G. Mason Mfg. Co., Cleveland, Ohio
FLORENCE wagons—Florence Wagon Co., Florence, Ala.
FLORENTINE fresco colors—Devoe & Raynolds Co., 101 Fulton, New York
FLORENTINE hot water radiators—U. S. Radiator Corp., Detroit, Mich.
FLORENTINE SHELL PYRALINE toilet articles—The Arlington Works (E. I. du Pont de Nemours & Co.), 21 E. 40th, New York
FLORETYLE tile floor steel—Truscon Steel Co., Youngstown, O.
FLORIAN deadening felts—Bird & Son, East Walpole, Mass.
FLORIDA mine car wheels—Lake Shore Engine Works, Marquette, Mich.
FLORIDA spray pumps—Rumsey Pump Co., Box J, Seneca Falls, N. Y.
FLORIDIN Fuller's earth—Floridin Co., Warren, Pa.
FLOUR CITY gasoline engines, traction engines—Kinnard-Haines Co., Minneapolis, Minn.
FLOWER valves—Stephens-Roe Mfg. Co., Detroit, Mich.
FLO-WHITE architectural enamel—Chicago Varnish Co., 2100 Elston av., Chicago, Ill.
FLOWKOTE white enamels—Harrison Works (du Pont), 35th & Grays Ferry rd, Philadelphia, Pa.
FLUSH-O-VALVE flushing valves—Flush-O-Valve Co., 245 Centre, New York
FLUSH TOP cellar doors—A. Lucas & Sons, 1329 S. Washington, Peoria, Ill.
FLUXINE brazing compounds—Krembs & Co., 173 N. Green, Chicago, Ill.
FLYER clothes washing machines—H. F. Brammer Mfg. Co., Davenport, Ia.
FLYFOOT belt dressing—Chas. A. Schieren & Co., 30 Ferry, New York
FLYING DUTCHMAN carving lathes—Valley City Machine Works, Grand Rapids, Mich.

FLYING DUTCHMAN cultivators, gang plows, planters, disc harrows, hay rakes, hay loaders, seeders & sowers—Moline Plow Co., Moline, Ill.
FLYING DUTCHMAN trolley track door hangers—Sharon Hardware Mfg. Co., Sharon, Pa.
FLYING MERKEL bicycles & motor cycles—Miami Cycle & Mfg. Co., Middletown, Ohio
FLYING SWEDE portable grain elevators—O'Neil, T. L., Co., Marseilles, Ill.
FLYING YANKEE extension ladders—Portland Extn. Ladder & Pole Co., 130 Orange, Newark, N. J.
FLY KING insecticides—G. E. Conkey Co., Cleveland, Ohio
FLYNN steam traps—B. F. Sturtevant Co., 15 Damon, Hyde Park, Boston, Mass.
FLY PIE poison fly killers—Craun Bros., Butler, Ind.
FOEN electric hair dryers—Sanax Co., 125 E. 23rd, New York
FOGARTY-THOENS feed water regulators—James H. Fogarty, 126 Liberty, New York
FOIL cigarette packing machines—American Machine & Foundry Co., 5520 2nd av, Brooklyn, N. Y.
FOLEY band saw filing & setting machines—Wellman Pattern Supply Co., Cleveland, Ohio
FOLEY brass & cast iron cleanouts—Hays Mfg. Co., Erie, Pa.
FOLEY spray nozzles—Loeffelholz Co., Milwaukee, Wis.
FOLLY'S tight joint fittings—Tight Joint Co., 306 E. 47th, New York
FOLSOM steel ranges—C. G. Folsom Mfg. Co., South Bend, Ind.
FOOT cork mats—La Porte Mat & Mfg. Co., La Porte, Ind.
FOOTE cherry stoners & stemming machines—Foote Bros. Gear & Machine Co., 210-220 N. Carpenter, Chicago, Ill.
FOOTE concrete mixers & friction drum hoists—C. Foote Mfg. Co., Nunda, N. Y.
FORBES ground connection clamps—Cleverly Electrical Works, 17 N. 7th, Phila., Pa.
FORBES hot air furnaces—Thomas Roberts Stevenson & Co., American & Dauphin, Philadelphia, Pa.
FORBES hot air furnaces—Tubular heating & Ventilating Co., 228 Quarry, Philadelphia, Pa.
FORBES pipe cutting & threading machines—Curtis & Curtis Co., Bridgeport, Conn.
FORBES & MYERS electric motors & grinders—Forbes & Myers, 169 Union, Worcester, Mass.
FORCE power hammers—Central Machine Works Co., Minneapolis, Minn.
FORCITE explosives—du Pont de Nemours & Co., E. I., Wilmington, Del.
FORD automobile wrenches—Improved Gauge Mfg. Co., 320 W. Water, Syracuse, N. Y.
FORD ore concentrators—Union Iron Works Co., Kansas City, Mo.
FORD refrigerators—Alaska Refrigerator Co., Muskegon, Mich.
FORD screw driver bits, electricians' drills & treenail augers—Ford Auger Bit Co., Holyoke, Mass.
FORD tank valves—Thomas P. Ford Co., 407 Broome, New York
FORD vehicle washers—Nunn Brass Works, Rochester, N. Y.
FORD'S weather strips—Ford Mfg. Co., Holyoke, Mass.
FORD'S PYRAMID rubber roofing—Ford Mfg. Co., 2339 La Salle, Chicago, Ill.
FOREST log loaders—National Iron Co., Duluth, Minn.
FOREST CITY packing—Mechanical Rubber Co., Cleveland, Ohio
FOREST CITY paint & varnish remover—Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, Ohio
FOREST CITY stoves—Fox Furnace Co., Elyria, O.
FOREST CITY wood bits—Forest City Bit & Tool Co., Rockford, Ill.
FOREST KING logging carts—Williams Mfg. Co., Macon, Ga.
FOREST RIVER white & red lead—Chadwick-Boston Lead Co., Boston, Mass.
FORKNER cultivators & harrows—Light Draft Harrow Co., Marshalltown, Ia.
FORMA-GERMKILL fumigators—Central City Chemical Co., 1752 Kimball av, Chicago, Ill.
FORMAN'S FAMOUS oak flooring—Thos. Forman Co., Fort W. & M. R. R., Detroit, Mich.
FORMICA commutator rings—Electric Service Co., 12th & Madison, Cincinnati, Ohio
FORSTER closet waste connections—Atlas Brass Works, 827 Folsom, San Francisco, Cal.
FORSTER rock crushers—Phillips & McLaren, 24th & Smallman, Pittsburgh, Pa.
FORSTNER auger bits—Progressive Mfg. Co., Torrington, Conn.
FORSTNER PAT'N auger special bits—A. L. Adams, Bridgeport, Conn.
FORSYTH braided hose & metallic packing—Boston Belting Corp., 84 Linden Park, Boston, Mass.
FORSYTH HOLLOW SQUARE packing—Boston Belting Corp., 84 Linden Park, Boston, Mass.
FORT CLYDE lubricating oils & greases—Dearborn Chemical Co., 332 S. Michigan av, Chicago, Ill.
FORT DEARBORN lubricating oils & greases—Dearborn Chemical Co., 332 S. Michigan av, Chicago, Ill.
FORT DODGE cement—Fort Dodge Portland Cement Corp., Fort Dodge, Ia.
FORT DOUGLASS lubricating oils & greases—Dearborn Chemical Co., 332 S. Michigan av., Chicago, Ill.
FORT DUQUESNE belt dressing—Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
FORTER reversing valves—Wellman-Seaver-Morgan Co., Cleveland, Ohio
FORT PITT blast furnaces—United Iron & Steel Co., Cleveland, O.
FORT PITT liquid soap—Fort Pitt Chemical Co., 200 S. Highland av., Pittsburgh, Pa.
FORT PITT packing—Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
FORT PITT paints—W. W. Lawrence & Co., Pittsburgh, Pa.
FORT SHERIDAN lubricating oils & greases—Dearborn Chemical Co., 332 S. Michigan av, Chicago, Ill.
FORT SMITH farm wagons—Fort Smith Wagon Co., Fort Smith, Ark.
FORT SNELLING lubricating oils & greases—Dearborn Chemical Co., 332 S. Michigan av, Chicago, Ill.
FORTUNE hot air furnaces & gas ranges—Thomas, Roberts, Stevenson & Co., American & Dauphin, Philadelphia, Pa.
FORT WAYNE rock & ore crushers—American Road Machinery Co., Kennett sq, Pa.
FOSCO puttyless skylights—F. O. Schoedinger, 142 N. 3rd, Columbus, O.
FOSKETT plate scrapers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
FOSKET & BISHOP steam traps—Foskett & Bishop Co., New Haven, Conn.
FOSS expansion bits—Stanley Rule & Level Co., New Britain, Conn.
FOSSTON fanning mills, full wind stackers & ratchet wrenches—Fosston Mfg. Co., St. Paul, Minn.
FOSTER cotton planters—S. R. White's Sons, Norfolk, Va.
FOSTER grate bars—Woburn Iron Foundry, Woburn, Mass.
FOSTER hollow set screws—New Haven Screw Co., 191 Foster, New Haven, Conn.
FOSTER pyrometers—Taylor Instrument Companies, Rochester, N. Y.
FOSTER rubber heels—Foster Rubber Co., 105 Federal, Boston, Mass.
FOSTER shock absorbers—Gabriel Mfg. Co., Cleveland, Ohio
FOSTER steam superheaters—Power Specialty Co., 111 Broadway, New York
FOSTORIA incandescent electric, Mazda & tungsten lamps—Fostoria Incandescent Lamp division of G. E. Co., Fostoria, Ohio
FOULIS gas governors—Helme & McIlhenny, 1339 Cherry, Phila., Pa.
FOUNTAIN lawn sprinklers—Standard Stamping Co., Marysville, Ohio
FOUNTAIN CITY grain drills—American Seeding Machine Co., Springfield, Ohio
FOUR ACE packing—Revere Rubber Co., Chelsea, Mass.
FOUR BROS. axle grease, oils, harness soap & roofing paints—Sinclair Refining Co., Albany, N. Y.
FOUR BURR corn & cob mills—Bovee Furnace Works, Waterloo, Ia.
400 SERIES steam & hot water heaters—Gurney Heater Mfg. Co., 188 Franklin, Boston, Mass.
4-IN-1 screw drivers—E. Edelmann & Co., 341 E Ohio, Chicago, Ill.
4-IN-1 spark plug wrenches—Chas. Miller, Syracuse, N. Y.
FOUR-IN-ONE step ladders—Four-in-One-Ladder Mfg. Co., Mishawaka, Ind.
FOUR STAR cement—Fort Scott Hydraulic Cement Co., Fort Scott, Kan.
FOUST jigs for coal washeries—Link-Belt Co., 39th & Stewart av, Chicago, Ill.
FOWLER curtain rods—Morgan Spring Co., Worcester, Mass.
FOWLER furnace regulators—Frank E. Woodward & Co., 19 Friend, Boston, Mass.

FOWLER headlights, automobile burners, horns, lamps, storage batteries, wind shields—Fowler Lamp & Mfg. Co., 59 E. 24th, Chicago, Ill.
FOWLER sickle grinders—S. Cheney & Son, Manlius, N. Y.
FOX bevels—Wiebusch & Hilger, 106 Lafayette, New York
FOX corrugated furnaces—Continental Iron Works, West & Colyer, Brooklyn, N. Y.
FOX floor scraping maehines—Fox Supply Co., Brooklyn, Wis.
FOX fuel oil burners—American Equipment Co., Norristown, Pa.
FOX store trucks—Z. F. Fox & Son, Freeport, Mich.
FOX turret lathes—American Tool & Machine Co., 10 High, Boston, Mass.
FOXBORO clocks, flow meters, gauges, speed indicators, time recorders & thermometers—Foxboro Company, Foxboro, Mass.
FOXPASTE dry powder—M. Ewing Fox Co., 241 E. 136th, New York
FOX'S steel squares—Fred. G. Breul, Bridgeport, Conn.
FOX'S T squares—Challenge Cutlery Corporation, Bridgeport, Conn.
FOYER carbon paper, typewriter ribbons—Chas. A. Foyer & Co., 1104 Prospect av, Cleveland, Ohio
FRAHM frequency meters—James G. Biddle, 1211 Arch, Phila., Pa.
FRAIM night latches—E. T. Fraim Lock Co., Lancaster, Pa.
FRALEY electric hand massage vibrators—Schunck & Ogg, 235 Canal, New York
FRANCE fibrous packing—France Packing Co., Tacony, Phila., Pa.
FRANCES turbine water wheels—Platt Iron Works Co., Dayton, O.
FRANCIS blind fasteners—Stanley G. Flagg & Co., Morris bldg., Phila., Pa.
FRANCIS engraving machines—Warner Mfg. Co., 810 Citizens bldg, Cleveland, Ohio
FRANCIS turbine water wheels—Camden Water Wheel Works, Camden, N. J.
FRANCIS turbine water wheels—I. P. Morris Co., Beach & Ball, Phila., Pa.
FRANCLEVE switch boxes—John L. Gleason, Jamaica Plains, Boston, Mass.
FRANCO dry batteries—Interstate Electric Novelty Co., 104 S. 4th, New York
FRANKFORT melting furnaces—Strong, Carlisle & Hammond Co., 336 Frankfort av, N. W., Cleveland, Ohio
FRANKLIN asbestos packing, pipe & boiler coverings, insulating paper, cements—Franklin Mfg. Co., Franklin, Pa.
FRANKLIN ball joints, locomotive fire doors, steam chest oil plugs & locomotive grate shakers—Franklin Railway Supply Co., 30 Church, New York
FRANKLIN batteries—Enterprise Electric Supply Co., Latrobe, Pa.
FRANKLIN battery zincs—Grasselli Chemical Co., Guardian bldg., Cleveland, Ohio
FRANKLIN belting & rubber hose—Combination Rubber Mfg. Co., Bloomfield, N. J.
FRANKLIN carbureters—Franklin Oil & Gas Co., Bedford, Ohio
FRANKLIN cements & insulating compounds—Franklin Co., West Bound Brook, N. J.
FRANKLIN cotton hose—Mechanical Rubber Co., 73 Reade, New York
FRANKLIN cranes—Franklin Portable Crane & Hoist Co., Box 516, Franklin, Pa.
FRANKLIN gaggers—Franklin Core Rod & Gagger Co., Franklin, Pa.
FRANKLIN gasoline blow torches—Turner Brass Works, Sycamore, Ill.
FRANKLIN grease traps—R. Estabrook's Sons, 202 1st, Boston, Mass.
FRANKLIN incandescent electric lamps—Franklin Electric Mfg. Co., Hartford, Conn.
FRANKLIN packing—Wise & Bailey, 108 Walnut, Phila., Pa.
FRANKLIN picture hooks—Parker Wire Goods Co., Worcester, Mass.
FRANKLIN trolley wheels—Benedict & Burnham Branch, Waterbury, Conn.
FRANKLIN woven wire fence stretchers—Smith Hardware & Mfg. Co., De Kalb, Ill.
FRANKLIN-ADAPTI natural gas burners—Franklin Co., Canton, O.
FRANTZ PREMIER vacuum cleaners—Frantz Premier Co., Cleveland, Ohio
FRANZ SCHMIDT & Hoensch spectroscopes & polariscopes—Eimer & Amend, 205 3rd av, New York
FRASER cheese presses—D. H. Burrell & Co., Little Fall, N. Y.
FRASER dowel pins & dowels—Federal Malleable Co., West Allis, Wis.
FRASER packing—Geo. W. Knowlton Rubber Co., 60 Pearl, Boston, Mass.
FRAY'S screw driver bits—John S. Fray Co., Bridgeport, Conn.
FRAZER lubricating oils & greases & harness soap—Frazer Lubricator Co., 3921 Normal, Chicago, Ill.
FRAZER-ADAMS marine engines—Frazer Bros. Co., Adams, N. Y.
FRAZERIED soldering paste—Frazer Lubricator Co., 3921 Normal av, Chicago, Ill.
FRAZER'S moulders' flask pins—Milwaukee Foundry Supply Co., Milwaukee, Wis.
FRAZER'S pipe joint cements—Frazer Paint Co., Detroit, Mich.
FRAZIER package handles—Tie Co., Unadilla, N. Y.
FREAS electric ovens—Eimer & Amend, 205 3rd av, New York
FRECO electric bells—Russell Electric Co., Danbury, Conn.
FREDONIA cement—Fredonia Portland Cement Co., Fredonia, Kan.
FREE SPOOL metal fishing reels—A. F. Meisselbach & Bros., 29 Congress, Newark, N. J.
FREED steam & hot water heaters—Freed Heater Co., Collegeville, Pa.
FREELAND car derailers—Hobart Allfree Co., 37 W. Vanburen, Chicago, Ill.
FREELAND farm boilers—Freeland Steel Tank Co., Portage, Wis.
FREELAND steel corn cribs—Iron Crib & Bin Co., Wooster, Ohio
FREEMAN bone mills—S. Freeman & Sons Mfg. Co., Racine, Wis.
FREEMAN steam hoists—United Iron Works Co., Kansas City, Mo.
FREEPORT blow-off valves—Wiltbonco Mfg. Co., 24 Porter, Boston, Mass.
FREEPORT mop sticks & holders—Arcade Mfg. Co., Freeport, Ill.
FREEPORT wagons—Moline Plow Co., Moline, Ill.
FREEZE-NO-MORE anti-freezing compounds—Corliss Mfg. & Supply Co., 1906 Olive, St. Louis, Mo.
FREMCO bath waste—Frost Mfg. Co., Kenosha, Wis.
FREMONT hot air furnaces—Niagara Falls Furnace Co., Niagara Falls, N. Y.
FRENCH Caen Stone Finish brick paints—Glidden Varnish Co., 1775 W. Madison, Cleveland, Ohio
FRENCH egg & cream beaters—National Mfg. Co., Worcester, Mass.
FRENCH fruit & vegetable slicers—Landers, Frary & Clark, New Britain, Conn.
FRENCH metal polish—Marshall Oil Co. of Iowa, Marshalltown, Ia.
FRENCH pipe cutting machines & lead joint removers—A. P. Smith Mfg. Co., East Orange, N. J.
FRENCH AMERICAN rat traps—Edw. Darby & Sons Co., 239 Arch, Phila., Pa.
FRENCH GLOSS shoe blacking & polishes—Whittemore Bros. Corp., Cambridge, Mass.
FRENCH'S adjustable taps—J. M. Carpenter Tap & Die Co., Pawtucket, R. I.
FRENCH'S cements, paints, enamels—Samuel H. French & Co., 4th & Callowhill, Phila., Pa.
FRESH WORK cigar machinery—American Machine & Foundry Co., 5520 2nd av, Brooklyn, N. Y.
FRES-KO-KOTE kalsomine—Manhattan Color Works, 114 W. End av, New York
FRESNO drag road scrapers—Sidney Steel Scraper Co., Sidney, Ohio
FRESNO pruning shears—Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y.
FREYER automobile wheels—Phelps Mfg. Co., Columbus, Ohio
FRIBERY milk strainers—Sanitary Strainer Co., Maiden Rock, Wis.
FRICK self winding clocks—Landis Engng. & Mfg. Co., Waynesboro, Pa.
FRICKE polishing cloths—Adolph Fricke, 73 Franklin, New York
FRICTION CLAD belting—Quaker City Rubber Co., 629 Market, Phila., Pa.
FRIDAY butter printer—J. G. Cherry Co., Cedar Rapids, Ia.
FRIDAY butter printing & cutting machines—D. H. Burrell & Co., Little Falls, N. Y.
FRIEDMANN boiler injectors—Nathan Mfg. Co., 416 E. 106th, New York
FRIEDSTEDT interlocking channel bar piling—Carnegie Steel Co., Carnegie bldg., Pittsburgh, Pa.
FRIGIDOMETERS marine ice detectors—McNab Co., Bridgeport, Conn.
FRINK pyrometers—Frink Pyrometer Co., Lancaster, Ohio
FRISBIE friction clutches—Eastern Machinery Co., New Haven, Conn.

FROG scrubbing brushes—Standard Brush Co., New Hartford, Conn.
FROHM vibrating tachometers—James G. Biddle, 1211 Arch, Phila., Pa.
FRONT ranks hot air furnaces—Haynes-Langenberg Mfg. Co., 4045 Forest Park blvd., St. Louis, Mo.
FROST ball cocks & flushing valves—Frost Mfg. Co., Kenosha, Wis.
FROST friction clutches & feed water heaters—Frost Mfg. Co., Galesburg, Ill.
FROSTBURG miners' safety lamps—Hero Mfg. Co., Gaul & Adams, Phila., Pa.
FROST KING gas & gasoline engines—John Lauson Mfg. Co., New Holstein, Wis.
FROST KING ice cream freezers—Richmond Cedar Works, Richmond, Va.
FROSTO anti-freezing water closets—Haines, Jones & Cadbury Co., 1140 Ridge av, Phila., Pa.
FROST'S cupboard catches—Hardware Supply Co., Grand Rapids, Mich.
FRUGAL gas sad irons—American Pressing Iron Co., 48 E. 8th, New York
FRUIN-TOBIN horseshoes—Fruin Drop Forge Co., 347 Root, Chicago, Ill.
FRUITFUL spray pumps—Goulds Mfg. Co., 71 W. Fall, Seneca Falls, N. Y.
FRUIT OF THE LOOM cotton sheeting—Hebron Mfg. Co., 21 S. Main, Providence, R. I.
FRUIT PICKER extension ladders—Rich Pump Co., South & Depot, Cincinnati, Ohio
FRUTTALL spray pumps—Goulds Mfg. Co., 71 W. Fall, Seneca Falls, N. Y.
FRY'S adjustable draughting tables—Fritz Mfg. Co., Grand Rapids, Mich.
FUEL-ITE dynamite—Grasselli Powder Co., Guardan bldg, Cleveland, Ohio
FUELSAVER furnace regulators—F. D. Kees Mfg. Co., Beatrice, Neb.
FULCA sheet rubber packing—Manhattan Rubber Mfg. Co., Passaic, N. J.
FULFLO oil pump lubricators—Cincinnati Lubricant Pump Co., Cincinnati, Ohio
FULLER automobile trunks—G. W. Fuller Co., Hartford, Conn.
FULLER bath cocks—Dick Bros., Inc., Reading, Pa.
FULLER harrow carts—Madison Plow Co., Milwaukee, Wis.
FULLER-LEHIGH ball mills & pulverizers—Fuller-Lehigh Co., Fullerton, Pa.
FULLER & JOHNSON harrow carts—Madison Plow Co., Madison, Wis.
FULLER'S wall paper cleaners & cold water paste—A. B. Fuller, 188 W. 3rd, St. Paul, Minn.
FULLER'S BARNACLE paper hangers' & painters' size—H. B. Fuller Co., St. Paul, Minn.
FULLER'S GUMTAC adhesive gum—H. B. Fuller Co., St. Paul, Minn.
FULLERTON SYSTEM, window & store front construction—Gorham Co. Arch'l Bronze, 5th av & 36th, New York
FULLMAN lock-nuts & washers, brass bushings, conduit benders, outlet boxes—Steel City Electric Co., 1207 Columbus av, Pittsburgh, Pa.
FULLNEAN junction boxes—Steel City Electric Co., 1207 Columbus av, Pittsburgh, Pa.
FULLNER water filters—Moore & White Co., N. 15th & Lehigh av, Phila., Pa.
FULMER roof snow guards—J. H. Fulmer, Nazareth, Pa.
FULTON hack saw blades—Montgomery & Co., 105 Fulton, New York
FULTON mining tools—Fulton Tool Works, Canal Fulton, Ohio
FULTON pump governors & pressure regulators—Chaplin-Fulton Mfg. Co., 34 Penn av, Pittsburgh, Pa.
FULTON pumps & vises—Fulton Machine Co., Lowville, N. Y.
FULTON shotguns—Hunter Arms Co., Fulton, N. Y.
FUMOTH flour moth destroyers—F. A. Thompson & Co., 532 Trombley av, Detroit, Mich.
FURBUSH cotton pickers, balling machines, beamers, bobbin winders, cotton batting machinery, mules, doffer combs, spoolers—Smith & Furbush Machine Co., Phila., Pa.
FURNITURE CITY refrigerators—Northern Refrigerator Co., Grand Rapids, Mich.
FURNOIL floor polish—American Chemical & Mining Co., Atlanta, Ga.
FURSTADE folding cots—Peoria Auto-Kot Co., Peoria, Ill.
FYBEROID insulating paper—Wilmington Fibre Specialty Co., Ford bldg., Wilmington, Del.

G hack saw blades—Goodell Pratt Co., Greenfield, Mass.
G.-A. ball bearings—G. A. Ball Bearing Mfg. Co., 123-141 N. Albany av, Chicago, Ill.
G. B. soldering iron heaters—G. Bickelhaupt Skylight Works, 722 11th av, New York
G. B. valve reseating tools—G. B. Garage & Mfg. Co., Hempstead, N. Y.
G. E. incandescent electric lamps, Mazda lamps, dynamos, motors, centrifugal compressors, steam turbines—General Electric Co., Schenectady, N. Y.
G-E-M steel shipping barrels—Pressed Steel Products Co., Sharon, Pa.
G. F. all steel desks, filing cabinets, bank fixtures, library shelves, plasterer's corner beads & safes—General Fireproofing Co., Youngstown, Ohio.
G. F. E. hose valves—General Fire Extinguisher Co., Providence, R. I.
G-K sewer joint compounds—Merritt Hydraulics Co., 110 N. Broad, Phila., Pa.
G.-P. tire air pumps—Gleason-Peters Air Pump Co., 255 Classon av, Brooklyn, N. Y.
G. P. universal joints—Gem Mfg. Co., Goebel, nr. Fulton, N. S., Pittsburgh, Pa.
G. P. 777 hack saw blades—Goodell-Pratt Co., Greenfield, Mass.
G. P. 888 hack saw blades—Goodell-Pratt Co., Greenfield, Mass.
G. R. S. block system signals—General Railway Signal Co., Rochester, N. Y.
G. S. plasterers' steel beads—Union Metal Corner Co., 18 Heath, Boston, Mass.
G. T. D. bolt pointers, chucks, countershafts, countersinks, dies, gauges, die heads, hobs, holders, machinery, machines, screw plates, reamers, stocks, tap wrenches, taper, taps & dies, tools, wrenches—Greenfield Tap & Die Corp., Greenfield, Mass.
G. V. conduit fittings—Fairmount Electric & Mfg. Co., 2203 Pearl, Phila., Pa.
G-V tower wagons—General Vehicle Co., Long Island City, N. Y.
G. V. universal conduit couplings, ground connection clamps & junction boxes—Gillette-Vibber Co., New London, Conn.
G. W. cement—Great Western Portland Cement Co., Kansas City, Mo.
G. W. coal conveyors & wagon loaders—Gifford-Wood Co., Hudson, N. Y.
G. W. metal polish—Great Western Oil Co., 2846 E. 37th, Cleveland, Ohio
G. W. K. packing—Geo. W. Knowlton Rubber Co., 60 Pearl, Boston, Mass.
G. & G. ash can hoists—Gillis & Geoghean, 537 W. B'way, New York
G. & J. rubber tires—G. & J. Tire Co., Indianapolis, Ind.
G. & K. belting, leather shafting rings—Grafton & Knight Mfg. Co., Worcester, Mass.
G. & L. wood trimming machines—Giddings & Lewis Mfg. Co., Fond du Lac, Wis.
G. & R. gun cleaning rods—G. G. Rupert, Decatur, Ill.
G. & S. drilling vises—Germanow Simon Machine Works, 58 Mill, Rochester, N. Y.
G. & S. neverbreak automobile tire trunks—L. Goldsmith & Son, Cherry, Newark, N. J.
G. & W. potheads & sleeves—G. & W. Electric Specialty Co., 6308 W. Washington, Chicago, Ill.
GABLE water heaters—McDowell Mfg. Co., Home Trust bldg., Pittsburgh, Pa.
GABRIEL concrete reinforcing materials—Gabriel Reinforcement Co., Penobscot bldg., Detroit, Mich.
GACO gauges, gauge cocks, exhaust heads, roof ventilators—Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
GADE farm gates—Gade Bros. Mfg. Co., Iowa Falls, Ia.
GADEY draft inducer—Brown Specialty Machinery Co., 2440 W. 22d, Chicago, Ill.
GAGE carpenters' gauges—Gage Tool Co., Vineland, N. J.
GAILOR rail joints—Lincoln Bonding Co., 636 Huron rd, Cleveland, Ohio
GAINADAY electric washer & wringer—Pittsburgh Gauge & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
GAINES locomotive furnaces—American Arch Co., 30 Church, New York
GALE agricultural tools—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
GALE barn ventilators—Galesburg Sheet Metal Works, Galesburg, Ill.
GALE beet cultivators, beet pullers, gang plows, bean harvester attachments—Gale Mfg. Co., Albion, Mich.

GALE propeller wheels—Hyde Windlass Co., Bath, Me.
GALE-BALDWIN ensilage cutters—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
GALENA animal pokes—Hughes & Smythe, Galena, Ohio
GALENA signal oils—Galena-Signal Oil Co., Franklin, Pa.
GALESBURG broom corn cleaners—G. D. Colton & Co., Galesburg, Ill.
GALESBURG stalk cutters—Galesburg Coulter & Disc Co., Galesburg, Ill.
GAR-FAR medical batteries—Leon W. Pullen Co., 618 Chestnut, Philadelphia, Pa.
GALION road machines & graders — Galion Iron Works & Mfg. Co., Galion, Ohio
GALL-CURE horse collar pads—Gall Cure Collar Pad Co., Richmond, Ind.
GALLERY RIFLE POWDER NO. 75—du Pont de Nemours & Co., E. I., Wilmington, Del.
GALLOWAY gasoline blow torches—Otto Bernz, 17-37 Ashland, Newark, N. J.
GALLOWAY gasoline engines—Wm. Galloway, Waterloo, Iowa
GALLY printing machinery—National Machine Co., Hartford, Conn.
GALUSHA ab. gas producers—Nelson Blower & Furnace Co., L & Elkins, Boston, Mass.
GALVA steam & hot water heaters—Galva Heater Co., Galva, Ill.
GALVADUCT interior conduits — Safety Armorite Conduit Co., West Pittsburgh, Pa.
GALVANITE electro galvanized conduits—American Conduit Mfg. Co., Keystone bldg., Pittsburgh, Pa.
GAL-VA-NITE roofing & sanitary flooring—Ford Mfg. Co., 2339 La Salle, Chicago, Ill.
GALVANIZED garbage pails — Dover Stamping & Mfg. Co., Cambridge, Mass.
GALVANO stove pipe & elbow—Hemp & Co., Vandeventer nr. Shaw, St. Louis, Mo.
GAMBIER boiler compounds—A. G. Belden, 29 Burling slip, New York
GAME oil stoves—Taylor & Boggis Foundry Co., Cleveland, Ohio
GAME JUNIOR oil stoves—Taylor & Boggis Foundry Co., Cleveland, Ohio
GAMO TRIPLEX orchard pumps—Orchard Machinery Mfg. Co., Gasport, N. Y.
GAM-TAN round belting—F. Raniville Co., Grand Rapids, Mich.
GANDY belting & belt dressing—Gandy Belting Co., 740 W. Pratt, Baltimore, Md.
GAPHO foundry facings—Pure Carbon Co., Wellsville, N. Y.
GAPP locomotive sanders—American Safety Lamp & Supply Co., Scranton, Pa.
GARCO packing, gaskets, brake lining—General Asbestos & Rubber Co., Charleston, S. C.
GARDENER bucket spraying pumps—W. & B. Douglas, Middletown, Conn.
GARDEN KING garden cultivators—Thornburg Mfg. Co., Bowling Green, Ohio
GARDENER'S CHOICE cart springs—Deming Co., Salem, Ohio
GARDINER band polishing wheels—Gardner Machine Co., Beloit, Wis.
GARDNER bung hole bushings—Heartley Machine Variety Iron & Tool Works, 900 Summit, Toledo, Ohio
GARDNER disc grinders, abrasive discs, magnetic chucks—Gardner Machine Co., Beloit, Wis.
GARDNER egg crates—New England Box Co., Greenfield, Mass.
GARDNER pressure regulators & steam separators—Gardner Governor Co., 14 Williamson, Quincy, Ill
GARDNER sand papering machines—Gardner Machine Works, Gardner, Mass.
GARDNER'S sash ribbon—Gardner Sash Pulley Co., 15 N. Jefferson, Chicago, Ill.
GARDNER & MILLER belt clamps—Billings & Spencer Co., Hartford, Conn.
GARDNER VISIBLE carbureters—Gardner Carbureter & Brass Works, Shreveport, La.
GARFIELD injectors—Ohio Injector Co., Wadsworth, Ohio
GARFIELD sprayer pumps—Field Force Pump Co.,
GARGOYLE lubricating oils & greases—Vacuum Oil Co., Rochester, N. Y.
GARILLES carbureters—Winkley Co., Detroit, Mich.
GARIS-COCHRANE dish washing machines—Bromley-Merseles Mfg. Co., 837 Larrabee, Chicago, Ill.
GARLAND car ventilators—Ross Wortham Co., McCormick bldg., Chicago, Ill.
GARLAND stoves, hot air furnaces, water heaters—Michigan Stove Co., Detroit, Mich.
GARLOCK packing—Garlock Packing Co., Palmyra, N. Y.
GARRETT feed water heaters & oil separators—W. D. Garrett & Co., 126 Liberty, New York
GARRETT'S auger bit gauges—Bonney Vise & Tool Works, Allentown, Pa.
GARRY expanded metal lath—Brier Hill Steel Co., Youngstown, Ohio
GARTON trolley wheels—Electrical Material Co., 618 W. Jackson blvd, Chicago, Ill.
GARTON & DANIELS automotoneers, choke coils, lightning arresters — Electric Service Supplies Co., 17th & Cambria, Philadelphia, Pa.
GARVEY stencil inks—Diagraph Co., 2121 N. 9th, St. Louis, Mo.
GARVIE cleanout ferrules—Peck Bros. & Co., New Haven, Conn.
GARWOOD bench legs—C. M. B. Wrench Co., Garwood, N. J.
GARWOOD gas arc lamps—Garwood Gas Lamp & Heater Co., Canton, Ohio
GASCO improved aluminum Protector Co., 1103 North av, Waukegan, Ill.
GASO-KERO gas engines—Bessemer Gas Engine Co., Grove City, Pa.
GAS SAVER gas blast forges—J. L. Lucas & Sons, Bridgeport, Conn.
GASAVER incandescent gas mantles—F. A. Smith Mfg. Co., Rochester, N. Y.
GASMACO gas plant apparatus—Gas Machinery Co., 1900 Euclid av, Cleveland, Ohio
GASOLINE-AIR rock drills—Ingersoll-Rand Co., 11 Broadway, New York
GASTON pitless scales—N. B. Gaston's Sons Co., Beloit, Wis.
GATE CITY faucet filters—Seed Filter & Mfg. Co., 73 Franklin, New York
GATES rock crushers—Allis-Chalmers Mfg. Co., Milwaukee, Wis.
GATO plug valves—A. W. Cadman Mfg. Co., 2816 Smallman, Pittsburgh, Pa.
GAUGE split switches—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.
GAY screw drivers—Geo. E. Gay, Augusta, Me.
GAYLORD plow coulters—Galesburg Coulter Disc Co., Galesburg, Ill.
GAZELLE hay racks—Ohio Rake Co., Dayton, Ohio
GAZELLE vehicle axles—Burgess-Norton Mfg. Co., Geneva, Ill.
GEALY pipe wrenches—Gealy Wrench & Mfg. Co., Grove City, Pa.
GEAR-SCOTT grain weighers, clod crushers, clover hullers, separators, portable saw mills, threshers, traction engines & straw stackers—Leo Rumeley Tractor Co., La Porte, Ind.
GEAR-SCOTT traction engines—Advance-Rumely Co., La Porte, Ind.
GEARY water tube boilers—Oil City Boiler Works, Oil City, Pa.
GECO pneumatic ash handling systems—Green Engineering Co., East Chicago, Ind.
GECO rosettes & flush switches—General Electric Co., Schenectady, N. Y.
GEDDES ventilators—Joseph Geddes, Rochester, N. Y.
GEE mine feeder wire insulators—Gee Electric Co., Wheeling, W. Va.
GEE saw benches—Chas. E. Gee, Lowell, Mass.
GEE HAW horse collars—Couch Bros. Mfg. Co., Atlanta, Ga.
GEE WHIZ alarm clocks—W. L. Gilbert Clock Co., Winsted, Conn.
GEE WHIZ dry batteries—Waterbury Battery Co., Waterbury, Conn.
GEE WHIZ rubber hose—Bowers Rubber Works, San Francisco, Cal.
GEHL farm boilers—Gehl Bros. Mfg. Co., West Bend, Wis.
GEIER straightening presses—P. A. Geier Co., Cleveland, Ohio
GEISER check valves—Long Grate Bar Co., Buffalo, N. Y.
GEISER PEERLESS hay presses, hullers, threshers, portable sawing rigs, traction engines, road rollers—Emerson-Brantingham Co., Rockford, Ill.
GEISEY'S casement window hinges—Steiner & Voegtly Hardware Co., 230 Diamond, Pittsburgh, Pa.
GEM adding machines—Automatic Adding Machine Co., 148 Duane, New York
GEM air valves—Beaton & Caldwell Mfg. Co., New Britain, Conn.
GEM apple corers—National Enameling & Stamping Co., 411 5th av, New York
GEM asbestos protected metal roofing—Moeschl-Edwards Corrugating Co., Covington, Ky.

GEM ash sifters—Gem Stamped Steel Co., Chelsea, Mass.
GEM barrels covers—M. H. Parks & Co., Winchendon, Mass.
GEM boiler flue & tube cleaners, flexible shaft drills, grinders, oilers, oil cans, torches—Gem Mfg. Co., Goebel nr. Fulton, N. S., Pittsburgh, Pa.
GEM box trucks—Andrew Plocher Sons Co., Dayton, Ohio
GEM cable grips—Norris Electric Specialties Co., 38 Park Row, New York
GEM carpet beaters—Standard Wire Co., New Castle, Pa.
GEM chimney caps, concrete finishing tools, stove pipe dampers—Kramer Bros. Foundry Co., Dayton, Ohio
GEM clamp spindles—Gem Mfg. Co., Goebel nr. Fulton, N. S., Pittsburgh, Pa.
GEM clothes line fasteners—Geo. H. Noll, 27 Crescent, Brooklyn, N. Y.
GEM clover cutters—Wilson Bros., Easton, Pa.
GEM clutch linings—Jewell Belting Co., Hartford, Conn.
GEM cooking stoves—Odin Stove Mfg. Co., Erie, Pa.
GEM copper ware, coffee pots, automobile mufflers, gasoline gauges—Gem Stamped Steel Co., Chelsea, Mass.
GEM door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
GEM door & window bolts—Sargent & Greenleaf Co., Rochester, N. Y.
GEM feed cutters—Wilson Bros., Easton, Pa.
GEM finger nail clippers—H. C. Cook Co., 100-120 Jewett, Ansonia, Conn.
GEM flour sifters—J. L. Clark Mfg. Co., Rockford, Ill.
GEM fly swatters—J. B. Timberlake & Sons, Jackson, Mich.
GEM food choppers—Sargent & Co., New Haven, Conn.
GEM fountain pens—Standard & Vulcanite Pen Co., 752 Lexington av, Brooklyn, N. Y.
GEM garden cultivators—Moore Plow & Implement Co., Greenville, Mich.
GEM garden cultivators—Whitaker Mfg. Co., 509 W. Monroe, Chicago, Ill.
GEM gas ranges—Dangler Stove Co., 5017 Perkins av, Cleveland, Ohio
GEM gas soldering furnaces—Burgess Soldering Furnace Co., Columbus, Ohio
GEM gasoline engines—Capital Gas Engine Co., Indianapolis, Ind.
GEM grass hooks—Wallingford Mfg. Co., Wallingford, Vt.
GEM grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
GEM hay presses—Geo. Ertel Co., Quincy, Ill.
GEM hinges, springs, door pulls—Columbian Hardware Co., Cleveland, Ohio
GEM hose nozzles—Crane Co., Bridgeport, Conn.
GEM hot air furnaces—Robinson Furnace Co., 205 W. Lake, Chicago, Ill.
GEM hot air furnaces & fire place heaters—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
GEM ice cream freezers & ice shavers—North Bros. Mfg. Co., Lehigh av & American, Phila., Pa.
GEM ice cube cutting machines—Reinhold Mfg. Co., Detroit, Mich.
GEM kettle bottoms—Hamblin & Russell Mfg. Co., Worcester, Mass.
GEM lamp chimney heaters, self-oiling pulleys—Wrightsville Hardware Co., Wrightsville, Pa.
GEM lamp cord adjusters—M. B. Austin & Co., 706 W. Jackson blvd, Chicago, Ill.
GEM lamp cord adjusters—Union Electric Mfg. Co., 499 Broadway, Milwaukee, Wis.
GEM mitre boxes—Geo. E. Gay, Augusta, Me.
GEM mop sticks & holders—Arcade Mfg. Co., Freeport, Ill.
GEM nail pullers—Page Storms Drop Forge Co., Chicopee, Mass.
GEM nutmeg graters—Caldwell Mfg. Co., Rochester, N. Y.
GEM paper clips—Cushman & Denison Mfg. Co., 240 W. 23rd, New York
GEM pencil sharpeners—F. H. Cook & Co., Leominster, Mass.
GEM postal scales—Triner Scale & Mfg. Co., 2714 W. 21st, Chicago, Ill.
GEM pot scrapers—Browne & Dowd Mfg. Co., Meriden, Conn.
GEM potato cutters—Pugh Mfg. Co., Topeka, Kan.
GEM rat traps—Lovell Mfg. Co., Erie, Pa.
GEM safety razors—Gem Cutlery Co., 11th av & 25th, New York
GEM shoe blacking & polishes—Frank Miller Co., 349 W. 26th, New York
GEM shoe holder shiners—Piqua Bracket Co., Piqua, Ohio
GEM soldering sets—Millers Falls Co., 28 Warren, New York
GEM stair carpet fasteners—Pressed Steel Mfg. Co., Land Title bldg., Phila., Pa.
GEM steel ranges—Toledo Stove & Range Co., Toledo, Ohio
GEM stove & truck casters—M. B. Schenck Co., Meriden, Coon. see the Bossick Co., Bridgeport, Conn.
GEM vises—G. M. Yost Mfg. Co., Meadville, Pa.
GEM washing machines—Grinnell Washing Machine Co., Grinnell, Ia.
GEM water filters—Jones Mfg. Co., 243 Franklin, Boston, Mass.
GEM water heaters—Abendroth Bros., Port Chester, N. Y.
GEM water heaters—Fredolin Schifferle, 1206 S. B'way, St. Louis, Mo.
GEM water heaters, latches, rural mail boxes—Peck, C. A. Hdw. Co., Berlin, Wis.
GEM wheel garden hoes—Bateman Mfg. Co., Grenloch, N. J.
GEM wire holders—Fletcher Mfg. Co., Dayton, Ohio
GEMCO automobile jacks, bumpers, tire holders, wind shields, tire tools, robe & foot rails—Gemco Mfg. Co., Milwaukee, Wis.
GEM NO. 4 float valves—Beaton & Cadwell Mfg. Co., New Britain, Conn.
GEM TORRID steam & hot water heaters—W. H. Drake Co., 36 Clinton, Newark, N. J.
GENASCO asphalt roofing, asphalt fillers & insulite paper—Barber Asphalt Paving Co., Land Title bldg., Phila., Pa.
GENERAL bolster springs—Racine General Mfg. Co., Racine, Wis.
GENERAL rubber tires—General Tire & Rubber Co., Akron, Ohio
GENESSEE lawn mowers—Mathews & Boucher, 26 Exchange, Rochester, N. Y.
GENESEE reclaimed rubber—U. S. Rubber Reclaiming Works, 42nd st bldg., New York
GENESEE vacuum cleaners—Rochester Vacuum Cleaner Co., Rochester, N. Y.
GENESEE water closets—Nunn Brass Works, Rochester, N. Y.
GENEVA feed cutters—Hocking Valley Mfg. Co., Lancaster, Ohio
GENEVA 600 screen door hinges—Champion Hardware Co., Geneva, Ohio
GENEVA SECURITY metal wheels—Geneva Metal Wheel Co., Geneva, Ohio
GENFIRE sheet lath—General Fireproofing Co., Youngstown, Ohio
GENTRY electric massage vibrators—Shelton Electric Co., 30 E. 42nd, New York
GENUINE babbitt metal—Atkinson Co., Rochester, N. Y.
GENUINE lawn mowers—Phila. Lawn Mower Co., 3107 Chestnut, Phila., Pa.
GENUINE oxide of iron—Prince's Metallic Paint Co., Allentown, Pa.
GENUINE ARMSTRONG stocks & dies—Armstrong Mfg. Co., 278 Knowlton, Bridgeport, Conn.
GENUINE BARNES-SAUNDERS pipe cutters—Barnes Tool Co., New Haven, Conn.
GENUINE HUNTINGTON emery wheel dressers—Chicago Screw Co., 13 N. Jefferson, Chicago, Ill.
GENUINE HUNTINGTON emery wheel dressers—Detroit Screw Works, 348 Franklin, Detroit, Mich.
GENUINE KANAWHA salt—J. Q. Dickinson & Co., Malden, W. Va.
GENUINE NEY hay carriers—Ney Mfg. Co., Canton, Ohio
GENUINE SQUIRES steam traps—C. E. Squires Co., Cleveland, Ohio
GEOMETRIC adjustable taps, screw cutting tools & dies—Geometric Tool Co., New Haven, Conn.
GEORGE window sash & window sash pivots—International Window Mfg. Co., 2007 W. Allegheny av, Phila., Pa.
GEO. WASHINGTON wood stoves—Gray & Dudley Hardware Co., Nashville, Tenn.
GEORGIA fertilizer distributors—Southern Plow Co., Columbus, Ga.
GEORGIA tank valves—Rundle-Spence Mfg. Co., Milwaukee, Wis.
GERAORDTS fire-proof floors—Sanitary Fire Proofing & Contracting Co., Westchester Creek & 177th, New York
GERLACH saw gummers—Peter Gerlach Co., 1712 Winter, Cleveland, Ohio
GERMAN hot air furnaces—Gem City Stove Mfg. Co., Quincy, Ill.
GERMAN-COMPOUND boiler compounds—German-Compound Co., 20 N. Market, Boston, Mass.
GERMANE packing—Peerless Rubber Mfg. Co., 31 Warren, New York

GERMANIA cement—H. Marquardt & Co., 35 S. William, New York
GERMAN STYLE thumb tacks—Hoge Mfg. Co., 45 John, New York
GERMANTOWN lamp black—L. Martin Co., 81 Fulton, New York
GERMPROOF telephone mouthpieces—American Electric Co., 6401 S. State, Chicago, Ill.
GERSTNER tool cases—H. Gerstner & Sons, Dayton, Ohio
GERTRUDE pig iron—Illinois Steel Co., 208 S. La Salle, Chicago, Ill.
GETSUM fly swatter—Wilson-Hurd Co., Wausau. Wis.
GEYER propeller wheels—Marine Hardware Co., Peabody, Mass.
GEYSER bidets—J. L. Mott Iron Works, Trenton, N. J.
GEYSER electric water heaters—Bridgeport Electric Mfg. Co., Bridgeport, Conn.
GEYSER steam & hot water heaters—Thatcher Furnace Co., 135 W. 35th, New York
GIANT air compressors—Dow Pump & Diesel Engine Co., 417 Market, San Francisco, Cal.
GIANT ash & garbage cans—Central Stamping Co., 174 Fulton, New York
GIANT belt lacing—Chas. A. Schieren & Co., 30 Ferry, New York
GIANT bull dog presses & seals—Keystone Seal & Press Co., 30 Main, New York
GIANT car stoves—Buda Co., Railway Exchange bldg., Chicago, Ill.
GIANT cement—Giant Portland Cement Co., Penna. bldg., Philadelphia, Pa.
GIANT compressed air drills—Compressed Air & General Machinery Co., San Francisco, Cal.
GIANT confectioners' gas furnaces—Edw. Katzinger Co., 122 N. Peoria, Chicago, Ill.
GIANT dies—Pratt & Whitney Co., Hartford, Conn.
GIANT door hangers—Hunt, Helm, Ferris & Co., Harvard, Ill.
GIANT door hangers, barn door rails—F. E. Myers & Bro., 800 Orange, Ashland, Ohio
GIANT electric car brakes—Lord Mfg. Co., 105 W. 40th, New York
GIANT feed grinding mills & sweep horse powers—Frank Hamachek, Kewaunee, Wis.
GIANT fuel oil engines—Chicago Pneumatic Tool Co., Fisher bldg, Chicago, Ill.
GIANT handle tack claws & pullers—Smith & Hemenway Co., 261 B'way, New York
GIANT hoes—American Fork & Hoe Co., Cleveland, Ohio
GIANT insulating paper—Standard Paint Co., 233 Broadway, New York
GIANT key-seating machines—Mitts & Merrill, 1939 S. Water, Saginaw, Mich.
GIANT ladders—Frizell Ladder Co., 135 Granite av, Boston, Mass.
GIANT lever & throttle valves—Wm. Powell Co., Cincinnati, Ohio
GIANT lubricators—Michigan Lubricator Co., Detroit, Mich.
GIANT nail pullers—S. & I. Co., Springfield, Mass.
GIANT nail pullers, drill chucks—Smith & Hemenway Co., Inc., 261 B'way, New York, Irvington, N. J.
GIANT packing & rubber hose—Revere Rubber Co., Chelsea, Mass.
GIANT padlock locks—U. S. Lock & Hardware Co., Columbia, Pa.
GIANT padlocks & sash chains—Smith & Egge Mfg. Co., Bridgeport, Conn.
GIANT plastering fibre—Fernald Co., 248 Tehama, San Francisco, Cal.
GIANT plows—Collins Plow Co., Quincy, Ill.
GIANT rail benders—Handlan-Buck Mfg. Co., 210 N. 3rd, St. Louis, Mo.
GIANT ratchet drills—Goodell-Pratt Co., Greenfield, Mass.
GIANT ratchet drills, reversible ratchet wrenches—Keystone Mfg. Co., Buffalo, N. Y.
GIANT rawhide belting—Missouri Belting Co., Grand & La Salle, St. Louis, Mo.
GIANT roller bearings—A. T. Ferrell & Co., Saginaw, Mich.
GIANT self-oiling hangers—American Tool & Machine Co., 10 High, Boston, Mass.
GIANT sewing machine belt fasteners—Manufacturers Belt Hook Co., 1321 W. Congress, Chicago, Ill.
GIANT steam & hot water heaters—Pierce, Butler & Pierce Mfg. Corp., 437 E. 162d, New York
GIANT wire stretchers—Richards-Wilcox Mfg. Co., Aurora, Ill
GIANT GRIP horse shoes, drive calks—Giant Grip Horse Shoe Co., Oshkosh, Wis.
GIANT RED CRESCENT packing—Revere Rubber Co., Chelsea, Mass.
GIANT SIMPLEX spray nozzle—Deming Co., Salem, Ohio
GIANT TORRID steam heaters, steam & hot water heaters—W. H. Drake Co., 36 Clinton, Newark, N. J.
GIANT WONDER disc sharpeners—A. E. Durner, Evansville, Wis.
GIBBS post hole diggers—Gibbs Mfg. Co., Canton, Ohio
GIBBS lawn rakes—G. A. Swineford Co., Canton, Ohio
GIBBS trailer connectors & flush plugs—Loeffelholz & Co., Milwaukee, Wis.
GIBERT'S lumber—W. H. Norris Lumber Co., Houston, Tex.
GIBRALTAR cement—Newaygo Portland Cement Co., Grand Rapids, Mich.
GIBRALTAR insulating cloth & tape—M. W. Dunton Co., 150 Niagara, Providence, R. I.
GIBRALTAR night latches—Huber Mfg. Co., 417 E. 93d, New York
GIBRALTAR putty powder—H. B. Fuller, 188 W. 3rd, St. Paul, Minn.
GIBRALTER automobile wind shields—Stewart-Carey Glass Co., Indianapolis, Ind.
GIBRALTER car bumping posts & mail cranes—Mason, Davis & Co., 7740 S. Chicago av, Chicago, Ill.
GIBSON coal entry drivers—Ingersoll-Rand Co., 11 Broadway, New York
GIBSON'S guy grippers—Jas. H. Channon Mfg Co., 227 W. Erie, Chicago, Ill.
GIBSON'S soap polish—Cudahy Packing Co., 111 W. Monroe, Chicago, Ill.
GICO tungsten lamps—General Illuminating Co., 47 Green, New York
GIDDING'S dynamometers—Schaeffer & Budenberg Mfg. Co., Berry & S. 5th, Brooklyn, N. Y.
GIES gears—Gies Gear Co., Boydell bldg, Detroit, Mich.
GIESEY'S window sash pivots—Steiner & Voegtly Hardware Co., 230 Diamond, Pittsburgh, Pa.
GIFORD'S paring knives—Boker Cutlery & Hardware Co., 101 Duane, New York
GIFFORD air compressors—Gifford Engine Co., Lansing, Mich.
GIFFORD'S snow shovels—Buffalo Sled Co., N. Tonawanda, N. Y.
GILBERT alarm clocks—W. L. Gilbert Clock Co., Winsted, Conn.
GILBERT automobile tire holders & crank handle handles—Gilbert Mfg. Co., New Haven, Conn.
GILBERT & BARKER gas furnaces, fuel oil burners, fuel oil pumps & tanks, self-measuring oil pumps, storage tanks—Gilbert & Barker Mfg. Co., Springfield, Mass.
GILBERT tin plate—Follansbee Bros. Co., Pittsburgh, Pa.
GILBERT wood split pulleys—Saginaw Mfg. Co., Saginaw, Mich.
GILBERT'S gauge glass preservers—R. F. Morse, 86 Weybosset, Providence, R. I.
GILDE trolley track door hangers—Frantz Mfg. Co., Sterling, Ill.
GILE tractors—Gile Tractor & Engine Co., Ludington, Mich.
GILES heel plates—Laing, Harrar & Chamberlin, 43 N. 3rd, Phila., Pa.
GILFORD'S mitre boxes—F. E. Gilford, Concord, N. H.
GILGEN electric fuses—Central Telephone & Elec. Co., 310 N. 11th, St. Louis, Mo.
GILL piston rings—Gill Mfg. Co., 351 W. 59th, Chicago, Ill.
GILL tungsten lamp reflectors—Gill & Co., Phila., Pa.
GILLETTE blade razor stroppers—Edward Zinn, 11th av & 25th, New York
GILLETTE safety razors—Gillette Safety Razor Co., 41 W. First, Boston, Mass.
GILMAN copper roof snow guards—U. T. Hungerford Brass & Copper Co., 80 Lafayette, New York
GILMAN roof snow guards—Gilman Snow Guard Co., 103 Merrimac, Boston, Mass.
GILMER automobile belts—L. H. Gilmer Co., Keystone & Vincent, Tacony, Pa.
GILMORE shoe buffing machines—Donnelly Machine Co., Brockton, Mass.
GILMORE tube scraper cleaners—Gilmore Tube Scraper Works, Buffalo, N. Y.
GILMOUR stone planing machines—Lincoln Iron Works, Rutland, Vt.
GILSELGLOSS insulating varnishes—Central Paint & Supply Co., Railway Exch. bldg, St. Louis, Mo.

GILSON gasoline engines—Gilson Mfg. Co., Port Washington, Wis.
GILSON power regulators for looms—Tillotson Humidifier Co., 78 Fountain, Providence, R. I.
GILSONITE asphalt cements & insulating asphalt—General Roofing Mfg. Co., Boatman's Bank bldg., St. Louis, Mo.
GILT EDGE cotton rope—Anniston Cordage Co., Anniston, Ala.
GILT EDGE flooring—Rittenhouse & Embree Co., 3500 S. Racine av, Chicago, Ill.
GILT EDGE packing—General Asbestos Rubber Co., Charleston, S. C.
GILT EDGE potato diggers—A. B. Farquhar Co., York, Pa.
GILT EDGE round belting—I. B. Wiliams & Sons, Dover, N. H.
GILT EDGE shoe blacking & polishes—Whittemore Bros. Corp., Cambridge, Mass.
GILT EDGE steam & hot water heaters & hot air furnaces—R. J. Schwab Sons Co., Milwaukee, Wis.
GIPSY bench vises—Prentiss Vise Co., 110 Lafayette, New York
GIPSY combined anvils & vises—Bonney Vise & Tool Works, Allentown, Pa.
GIRARD air drill hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
GIRARD lawn mowers—Supplee-Biddle Hardware Co., 510 Commerce, Phila., Pa.
GIRARD turbine water wheels—I. P. Morris Co., Beach & Ball, Phila., Pa.
GIRARD wrenches—Girard Wrench Mfg. Co., Girard, Pa.
GIROD electric furnaces—C. W. Leavitt & Co., 34 Church, New York
GIT hand soap—Git Mfg. Co., Westfield, Mass.
GITS oil hole covers & cups—Gits Bros. Mfg. Co., 555 W. Monroe, Chicago, Ill.
GLACIER ice cream freezers—Thos. W. Houchin Co., 36 E. 12th, New York
GLACIER refrigerators—Northern Refrigerator Co., Grand Rapids, Mich.
GLACIER stained glass substitutes—W. A. Ross & Bro., 11 S. William, New York
GLACIER SECCOTINE stained glass substitutes—Wm. B Qualie, 405 Lexington av, New York
GLADER'S package heading-up machines & hoop punching machines—Wm. Glader, 210 N. Ann, Chicago, Ill.
GLADIATOR belting—N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
GLADIATOR stalk cutters—Moline Plow Co., Moline, Ill.
GLADIUM twist drills—Ebstein Bros., 127 Duane, New York
GLARDON Swiss files—Wm. Dixon, 39 John, New York
GLASBRITE glass polish—Benj. B. Forbes Co., Cleveland, Ohio
GLASCOCK wood splitting machines—Glascock Stove & Mfg. Co., Greensboro, N. C.
GLASSFORD dust arresters—Cleveland Nickel Works, 1167 W. 67th, Cleveland, Ohio
GLASS KING washboards—National Washboard Co., 72 W. Adams, Chicago, Ill.
GLEANER feed water heaters & purifiers—I. B. Davis & Son, Hartford, Conn.
GLEANER suction hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
GLEDALE agitator end gate seeders—Peoria Drill & Seeder Co., Peoria, Ill.
GLEDON flange plates—Dilworth, Porter & Co., Pittsburgh, Pa.
GLENDONE machinery steel—Ward's, Edgar T. Sons Co., 304 Hudson, New York
GLEN flue stops—J. L. Clark Mfg. Co., Rockford, Ill.
GLEN manure spreaders, wagons & wagon dump boxes—Glen Wagon Corp., Cortland, N. Y.
GLENDALE stalk rakes—Peoria Drill & Seeder Co., Peoria, Ill.
GLENN back water valves—Fred. E. Glenn, St. Charles, Ill.
GLENNY fruit jar wrenches—Wm. Glenny Glass Co., 10 W. Commerce, Cincinnati, Ohio
GLENWOOD belting—Combination Rubber Mfg. Co., Bloomfield, N. J.
GLENWOOD gas ranges—Weir Stove Co., Taunton, Mass.
GLENWOOD stoves—Weir Stove Co., Taunton, Mass.
GLIDDEN barbed wire—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
GLIDDEN ENDWIAND wood stains—Glidden Varnish Co., 1755 W. Madison, Cleveland, Ohio
GLIDDEN'S dust absorbing floor oils, waterproofing materials & paint & varnish remover—Glidden Varnish Co., 1775 W. Madison, Cleveland, Ohio
GLIDE door hangers & door rollers—Frantz Mfg. Co., Sterling, Ill.
GLIDE lawn mowers—Dille & McGuire Co., Richmond, Ind.
GLISTEN metal polish—Puritan Oil Co., 1244 W. 70th, Cleveland, Ohio
GLITTERBRITE body polish—R. M. Hollingshead Co., Camden, N. J.
GLITTERSHINE metal polish—Grady Mfg. Co., Bridge Plaza, Astoria, N. Y.
GLOBE babbitt metal—Damascus Bronze Co., N. S., Pittsburgh, Pa.
GLOBE belt lacing—J. M. Hayden Co., Grand Rapids, Mich.
GLOBE bronze powders—B. F. Drakenfeld & Co., 50 Murray, New York
GLOBE carbon paper & typewriter ribbons—Crown Ribbon & Carbon Mfg. Co., Rochester, N. Y.
GLOBE closet seats—Grand Rapids Hand Screw Co., Grand Rapids, Mich.
GLOBE dry batteries—National Carbon Co., Madison av, N. W., & W. 117th, Cleveland, Ohio
GLOBE dust absorbing floor oils & hard wax floor polish—J. A. & W. Bird & Co., 88 Pearl, Boston, Mass.
GLOBE fly traps—Fred. J. Meyers Mfg. Co., Hamilton, Ohio
GLOBE fly traps—Reynolds Wire Co., Dixon, Ill.
GLOBE greenhouse valves—Fred. E. Glenn, St. Charles, Ill.
GLOBE hame tips—Frazer & Jones Co., Syracuse, N. Y.
GLOBE hot air furnaces—Globe Stove & Range Co., Kokomo, Ind.
GLOBE incubators & brooders—Shoemaker Incubator Co., Freeport, Ill.
GLOBE industrial starch & vegetable oils—Corn Products Refining Co., 17 Battery pl, New York
GLOBE lamp black—L. Martin Co., 81 Fulton, New York
GLOBE lubricating oils & greases—Globe Refining Co., 934 Rose bldg, Cleveland, Ohio
GLOBE mail boxes—W. A. Wheeler, Indianapolis, Ind.
GLOBE marine engines—Pennsylvania Iron Works Co., Eddystone, Pa.
GLOBE miners' lamps—Geo. T. Anton & Bro., Monongahela, Pa.
GLOBE packing—Cancos Mfg. Co., 146 N. 2nd, Philadelphia, Pa.
GLOBE padlock locks—U. S. Lock & Hardware Co., Columbia, Pa.
GLOBE paper punches—Globe Wernicke Co., 25 Carthage av, Cincinnati, Ohio
GLOBE pneumatic tires—Globe Tire Mfg. Co., Trenton, N. J.
GLOBE ranges—March-Brownback Stove Co., Pottstown, Pa.
GLOBE special gas & water cast iron pipes & pipe fittings—Builders' Iron Foundry, 9 Codding, Providence, R. I.
GLOBE steel chilled shot—Globe Steel Co., Mansfield, Ohio
GLOBE steel needle wire—Wheelock, Lovejoy & Co., 23 Cliff, New York
GLOBE switch stands—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.
GLOBE tool emery grinders—Globe Foundry & Machine Co., Sheboygan, Wis.
GLOBE tool sharpeners—S. Walker Co., Worcester, Mass.
GLOBE tumbling barrels—Globe Machine & Stamping Co., 1250 W. 76th, Cleveland, Ohio
GLOBE ventilators—Globe Ventilator Co., Troy, N. Y.
GLOBE washing machines—Horton Mfg. Co., Fort Wayne, Ind.
GLOBE-LION hammocks—Hoffman-Corr Mfg. Co., 312 Chestnut, Phila., Pa.
GLO-LITE lighting fixtures—Cassidy & Son Mfg. Co., 101 Park av, New York
GLOR feed carriers—Glor Bros. & Willis Mfg. Co., Attica, N. Y.
GLOUCESTER hammocks—E. L. Rowe & Son, Gloucester, Mass.
GLOVER'S belt fasteners—Water-Garland Co., Louisville, Ky.
GLOWER incandescent electric lamps—Nernst Lamp Co., Fayette & Garrison pl. Pittsburgh, Pa.
GLUTRIN core compounds—Robeson Process Co., 18 E. 41st, New York
GLYCO—babbitt metal—Jos. T. Ryerson & Son, 2558 W. 16th, Chicago, Ill.
GLYPHO glycerine—Chas. W. Jacob & Allison, 18 Cedar, New York
GOAT BRAND plushes—L. C. Chase & Co., 89 Franklin, Boston, Mass.

GODDARD burr pickers'—Curtis & Marble Machine Co., Worcester, Mass.
GODDARD'S rawhide mallets—Brockton Mallet Co., Brockton, Mass.
GODRIDGE wire skinning pliers—Mathias Klein & Sons, 562 W. Van Buren, Chicago, Ill.
GO-BASKET children's carriages—Withrow Mfg. Co., 2727 Spring Grove av, Cincinnati, Ohio
GO-EASY conduit wiring rods—Diamond Expansion Bolt Co., 89 West, New York
GO-EASY garden cultivators—Moore Plow & Implement Co., Greenville, Mich.
GOES LIKE SIXTY gasoline engines—Gilson Mfg. Co., Port Washington, Wis.
GOETZ packing, lead gaskets, valve discs, pipe joint cements—Goetze Gasket & Packing Co., New Brunswick, N. J.
GOETZERIT gaskets & packing—Goetze Gasket & Packing Co., New Brunswick, N. J.
GOHMAK car ceilings & wood pulp spools—Vulcanized Products Co., Muskegon, Mich.
GOLD hot water radiators—Buckingham Routh Co., New Haven, Conn.
GOLDBLATT trowels—H. Goldblatt Tool Co., Kansas City, Mo.
GOLDCREST lawn mowers—Chadborn & Coldwell Mfg. Co., Newburgh, N. Y.
GOLDEN bronzed wire cloth—Clinton Wire Cloth Co., Clinton, Mass.
GOLDEN clutch—Marden, Orth & Hastings, 61 B'way, New York
GOLDEN steam traps—Golden-Anderson Valve Specialty Co., Fulton bldg., Pittsburgh, Pa.
GOLDEN weather strips—Michigan Engine Valve Co., Detroit, Mich.
GOLDEN FLEECE degras — Pfaltz & Bauer, 300 Pearl, New York
GOLDEN FLEECE rubber packing—Manhattan Rubber Mfg. Co., Passaic, N. J.
GOLDEN GATE beer valves & racking apparatus—Golden Gate Mfg. Co., 314 W. 2nd, South Boston, Mass.
GOLDEN GATE cement—Pacific Portland Cement Co., Cons., Pacific bldg, San Francisco, Cal.
GOLDEN GATE packing & rubber hose—Bowers Rubber Works, San Francisco, Cal.
GOLDEN GLOW lawn mowers—Chadborn & Coldwell Mfg. Co., Newburgh, N. Y.
GOLDEN GRAIN babbitt metal—Cleveland Alloys Co., Elm & Superior, Cleveland, Ohio
GOLDEN HOUSE vacuum cleaners—Hugro Mfg. Co., 327 S. La Salle, Chicago, Ill.
GOLDEN PHEASANT powder (for export only)—du Pont de Nemours & Co., E. I., Wilmington, Del.
GOLDEN ROD brazing solder—Shimer, McGlynn & Co., 19th & Washington, Philadelphia, Pa.
GOLDEN ROD packing—La Favorite Rubber Mfg. Co., Hawthorne, N. J.
GOLDEN ROD rubber hose—Whitehead Bros. Rubber Co., Trenton, N. J.
GOLDEN RULE stoves—A. Weiskittel & Son, 12th & E. Lombard, Baltimore, Md.
GOLDEN SCEPTRE metal polish—Rath Mfg. Co., Headley & Richmond, Phila., Pa.
GOLDEN STAR metal & furniture polish—R. W. Morris Mfg. Co., Kansas City, Mo.
GOLDEN STATE belting—H. N. Cook, Belting Co., 401 Howard, San Francisco, Cal.
GOLDEN WEST typewriter ribbons—Ernest Dalton, 444 Market, San Francisco, Cal.
GOLDIE railroad track spikes & rail brace plates—Dilworth, Porter & Co., Pittsburgh, Pa.
GOLD MEDAL carpet linings—Newton Paper Co., Holyoke, Mass.
GOLD MEDAL cordage & twine—American Mills Co., Atlanta, Ga.
GOLD MEDAL furniture polish—Gold Medal Polish Co., Racine, Wis.
GOLD MEDAL house paint—Harrison Works (du Pont), 35th & Grays Ferry rd, Phila., Pa.
GOLD MEDAL linen ledger paper—Crane Bros., Westfield, Mass.
GOLD PIN hot water radiators—H. B. Smith Co., Westfield, Mass.
GOLD'S CYCLONE car ventilators—Gold Car Heating & Lighting Co., 17 Battery pl, New York
GOLD SEAL blue print paper—New York Blue Print Paper Co., 102 Reade, New York
GOLD SEAL packing & rubber hose—Goodyear Rubber Co. & Rubber Clothing Co., 787 Broadway, New York
GOLD SEAL rubber belting, oiled clothing & fire extinguishers—Goodyear Rubber Co., 539 Mission, San Francisco, Cal.
GOLD X-L SECTIONAL steam & hot water heaters—H. B. Smith Co., Westfield, Mass.
GOLDSHINE polish—Van Tilburg Oil Co., Minneapolis, Minn.
GOLDSMITH throttle valves—Stephens, Roe Mfg. Co., Detroit, Mich.
GOLLY machine key pullers—Mechanics' Specialties Co., 128 Greenpoint av, Brooklyn, N. Y.
GOOD plumbers' washers—Good Mfg. Co., 305 E. 134th, New York
GOOD rubber goods—Good Mfg. Co., 305 E. 134th, New York
GOODELL mitre boxes—Goodell-Pratt Co., Greenfield, Mass.
GOODELL saw & lathe—Millers Falls Co., 28 Warren, New York
GOODELL-PRATT drill chucks—Goodell-Pratt Co., Greenfield, Mass.
GOOD ENOUGH carpet beaters—Carpet Beater Co., Windsor, N. Y.
GOOD ENOUGH plows—Moline Plow Co., Moline, Ill.
GOODHUE windmills—Appleton Mfg. Co., Batavia, Ill.
GOOD LUCK fishing reels, fish scalers & gaff hooks—A. F. Meisselbach & Bros., 29 Congress, Newark, N. J.
GOOD LUCK hose & fruit jar rubbers—Boston Woven Hose & Rubber Co., Cambridge, Mass.
GOOD LUCK key chains—S. I. Atwater, 101 Lafayette, New York
GOODMAN gas main stoppers — Safety Gas Main Stopper Co., 263 E. 133d, New York
GOODMAN wrecking hooks—National Malleable Castings Co., 7706 Platt, S. E., Cleveland, Ohio
GOODRICH tires, belting, tennis balls, tire cements—B. F. Goodrich Co., Akron, Ohio
GOOD WILL gas ranges—F. A. Klaine Co., Front & Central, Cincinnati, Ohio
GOODWIN ballast loaders—Goodwin Car Co., 17 Battery pl, New York
GOODWIN brake beam clamps—Pearson Jack Co., 185 Franklin, Boston, Mass.
GOODYEAR balata belting—Goodyear Tire & Rubber Co., Akron, Ohio
GOODYEAR lumber load binders—A. B. Goodyear, Bloomdale, Ohio
GOODYEAR SPECIAL rubber lined cotton hose—Goodyear Rubber Co., 539 Mission, San Francisco, Cal.
GOODYEARITE sheet packing—Goodyear Tire & Rubber Co., Akron, Ohio
GOPHER portable grain elevators—Warner Elevator Mfg. Co., Warner, Ill.
GORDON fire extinguishers—Orville E. Gordon, Rays Crossings, Ind.
GORD'S rubber roofing — Ford Mfg. Co., 2339 La Salle, Chicago, Ill.
GORHAM special patent brass & bronze castings—Gorham Co. Arch'l Bronze, 5th av & 36th, New York
GOSHEN carpet sweepers—Bissell Carpet Sweeper Co., Grand Rapids, Mich.
GOSHEN feed cookers, hog scalders, tank heaters—Kelly Foundry & Machine Co., Goshen, Ind.
GOSHEN HILL step ladders—Goshen Churn & Ladder Co., Goshen, Ind.
GOTHAM thermometers—C. J. Tagliabue Mfg. Co., 18 33d, Brooklyn, N. Y.
GOTHIC steam & hot water heaters—Gurney Heater Mfg. Co., 188 Franklin, Boston, Mass.
GOUBERT feed water heaters, steam & hot water heaters, steam condensers & hot water generators—Griscom-Russell Co., 92 West, New York
GOULAC core compound—American Gum Products Co., 200 5th av, New York
GOULD car couplers, draft gear, journal boxes—Gould Coupler Co., 30 E. 42nd, New York
GOULD feed water regulators—Funk Bros. Mfg. Co., Chicago Heights, Ill.
GOULDING washers — Yawman & Erbe Mfg. Co., Rochester, N. Y.
GOULD'S sheet packing—Gould Packing Co., Cambridge, Mass.
GOVERNOR disc harrows—Racine-Sattley Co., Springfield, Ill.
GOVERNOR handle drags—A. F. Meisselbach & Bros., 29 Congress, Newark, N. J.
GOW foundry molding machines—Elmira Foundry Co., Elmira, N. Y.
GOWANDA feed cutters & maple sugar evaporators & castings—Gowanda Agricultural Works, Gowanda, N. Y.
GOWANUS belt lacing—Chas. A. Schieren & Co., 30 Ferry, New York
GRABER water gauges—B. Hoffman Mfg. Co., Milwaukee, Wis.

GRABER water gauges—Jenkins Bros., 80 White, New York
GRABLER pipe hangers, chain attachment drills—Grabler Mfg. Co., Cleveland, Ohio
GRACE DARLING curling irons—Nicol & Co., 218 N. Jefferson, Chicago, Ill.
GRADE A tungstic acid—York Metal & Alloy Co., York, Pa.
GRADIRS water cooling towers—Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
GRAFFCO CLING paper clips—Geo. B. Graff Co., 294 Washington, Boston, Mass.
GRAFFCO SILVER STEEL pens—Geo. B. Graff Co., 294 Washington, Baston, Mass.
GRAFFCO VISE paper clips, index tabs & signals—Geo. B. Graff Co., 294 Washington, Boston, Mass.
GRAFITE packing mfrs. flexible fibre & sheet packing—Dominion Asbestos & Rubber Corp., 154 Nassau, New York
GRAFLEX cameras—Eastman Kodak Co., Rochester, N. Y
GRAHAM blast furnaces—Iowa Iron, Coal & Coke Co., Roanoke, Iowa.
GRAHAM drill speeders—Graham Mfg. Co., 96 Point, Providence, R. I.
GRAHAM lawn mowers—Phila. Lawn Mower Co., 31st & Chestnut, Phila., Pa.
GRAHAM twist drills & drill chucks—Detroit Twist Drill Co., 555 W. Fort, Detroit, Mich.
GRAIN KING shoveling and end gate boards—Litchfield Mfg. Co., Waterloo, Ia.
GRAIN KING thresher belting—Boston Woven Hose & Rubber Co., Cambridge, Mass.
GRAKNIGHT belting—Grafton & Knight Mfg. Co., Worcester, Mass.
GRAKNIGHT DYNAMO belting—Graton & Knight Mfg. Co., Worcester, Mass.
GRA-HOUN children's vehicles—Rundle Novelty Co., 142 W. 3d, Columbus, Ohio
GRAMMES paper clips—L. F. Grammes & Sons, Allentown, Pa.
GRANBY spelter—American Zinc, Lead & Smelting Co., 120 B'way, New York
GRAND concrete mixers, foundry riddles—Hall-Holmes Mfg. Co., Jackson, Mich.
GRAND gas radiators—Union Stove Works, 70 Beekman, New York
GRAND hot blast & wood stoves—Gray & Dudley Hardware Co., Nashville, Tenn.
GRAND refrigerators—Challenge Refrigerators Co., Grand Haven, Mich.
GRAND DETOUR clod crushers, sled cultivators & walking & riding listers—Grand Detour Plow Co., Dixon, Ill.
GRAND DOMESTIC fire place heaters—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
GRAND EAGLE stoves—Grinberg Bros., 154 South, New York
GRAND RAPIDS ice cream cabinets—Chocolate Cooler Co., Grand Rapids, Mich.
GRAND RAPIDS sash pulleys—Grand Rapids Hardware Co., Grand Rapids, Mich.
GRAND SOLAR fire place heaters—Sanitary Heating Co., 233 37th, Brooklyn, N. Y.
GRAND STORES—Cleveland Co-Operative Store Co., 232 E. 67th, Cleveland, Ohio
GRANGER fruit evaporators—Babcock Mfg. Co., Leonardsville, N. Y.
GRANGER pruning shears—Smith, Seymour & Son, Oakville, Conn.
GRANGER rubber & suction hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
GRANITE cement & wood fibre plaster & wall finish—United States Gypsum Co., 205 W. Monroe, Chicago, Ill.
GRANITE clothes lines—Estes Mills, Fall River, Mass.
GRANITE plumbers & mining candles—Standard Oil Co. of N. Y., 555 W. 25th, New York
GRANITE rubber hose—Revere Rubber Co., Chelsea, Mass.
GRANITE STATE lawn mowers—Granite State Mowing Machine Co., Hinsdale, N. H.
GRANITINE artificial stone laundry tubs—Chicago Granitine Mfg. Co., 3619 Wall, Chicago, Ill.
GRANT arc lamps—General Illuminating Co., 47 Greene, New York
GRANT bolt cutter dies—Pratt & Whitney Co., Hartford, Conn.
GRANT circular saws—Frank Hamachek, Kewaunee, Wis.
GRANT pneumatic riveters & riveting machines—Grant Mfg. & Machine Co., Bridgeport, Conn.
GRANT sash pulleys—Grant Pulley & Hardware Co., 101 Park av, New York
GRANT spark plugs—General Illuminating Co., 47 Greene, New York
GRANT'S milk bottle protectors—Burgess-Norton Mfg. Co., Geneva, Ill.
GRAPHALENE graphite lubricants—Monarch Mfg. Co., Council Bluffs, Ia.
GRAPHILATUM roofing cements—Klein Mfg. Co., Cleveland, Ohio
GRAPHINOIL graphite lubricants—Winslow Lubricating Co., 608 Swan, Buffalo, N. Y.
GRAPHITE engine lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
GRAPHITE PERFECTO lubricating oils & greases—Theron T. Southwick Oil Co., Rochester, N. Y.
GRAPHO axle grease—A. G. Harbaugh Co., Cleveland, Ohio
GRAPHO-BESTOS packing—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
GRAPHO core compounds—Pure Carbon Co., Wellsville, N. Y.
GRAPHO-ASBESTOS metallic packing—Strong Machinery & Supply Co., 21 Walker, New York
GRAPHO FLOP flax packing—General Asbestos Rubber Co., Charleston, S. C.
GRAPHO METAL PACKING metallic packing—Advance Packing & Supply Co., 11-15 N. Franklin, Chicago, Ill.
GRAPHOIL graphite lubricants & lubricating oils & greases—Graphoil Lubricating Co., 71 Clymer, Brooklyn, N. Y.
GRAPHO RIVALITE metallic packing—Strong Machinery & Supply Co., 21 Walker, New York
GRAPHOBESTO packing—Chicago Engineer Supply Co., 68 W. Lake, Chicago, Ill.
GRAPHOSE journal bearings—Chicago Bearing Metal Co., 2220 W. 43rd, Chicago, Ill.
GRAPPLE hand carts—M. H. Daley, Charles City, Ia.
GRASP-IT screw drivers—F. Lewold & Co., 500 S. Wells, Chicago, Ill.
GRASSHOPPER canners' fruit washing & scalding machines—Vance & Baker Mfg. Co., Muscatine, Ia.
GRATH brick press machines & roofing tile machinery—Illinois Supply & Construction Co., St. Louis, Mo.
GRAUPNER quartz mills—Joshua Henry Iron Works, San Francisco, Cal.
GRAVEL-COATES roofing—National Roofing Material Co., Edwardsville, Ill.
GRAVES galvanized copper boilers—John Trageser Steam Copper Works, 447 W. 26th, New York
GRAVITY sash locks—Merital Devices Selling Co., Cleveland, Ohio
GRAWIN pot cover repair knobs—Graham & Berwin, 107 Lafayette, New York
GRAY automobile mufflers—Gray-Hawley Mfg. Co., Detroit, Mich.
GRAY hot blast stoves—Gray & Dudley Hardware Co., Nashville, Tenn.
GRAY traction engines—Gray Tractor Co., 30th av, S. E. of N. P. track, Minneapolis, Minn.
GRAY EAGLE marble—Asbury Marble Co., Knoxville, Tenn.
GRAY EAGLE marble—Gray Eagle Marble Co., Knoxville, Tenn.
GRAY KING fire hose—B. F. Goodrich Co., Akron, Ohio
GRAY LINE screw drivers—Harding Mfg. Co., Mansfield, Mass.
GRAYS HARBOR fir & spruce lumber—National Lumber & Mfg. Co., Hoquiam, Wash.
GRAY'S valve grinding compounds & velvet belt dressing—Gray Specialty Co., 148 Avon av, Newark, N. J.
GREAT AMERICAN ball bearing lawn mowers—Supplee-Biddle Hardware Co., 510 Commerce, Phila., Pa.
GREAT ARROW lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.
GREAT BEAR high speed steel—Fulton Steep Corp., Fulton, N. Y.
GREAT LAKES marine paints—Hardy Paint & Varnish Co., Toledo, Ohio
GREAT NORTHERN harrow carts & shoveling & end gate board—Peoria Drill & Seeder Co., Peoria, Ill.
GREAT NORTHERN hot water & steam heaters—Kewanee Boiler Co., Kewanee, Ill.
GREAT STICKEST mucilage—Carter's Ink Co., E. Cambridge, Boston, Mass.
GREAT WEST riding & walking listers—Gale Mfg. Co., Albion, Mich.
GREAT WESTERN axle oils—Great Western Oil Co., 2846 E. 37th, Cleveland, Ohio
GREAT WESTERN clothes washing machines—H. F. Brammer Mfg. Co., Davenport, Ia.

GREAT WESTERN cream separators & feed carriers—Rock Island Plow Co., Rock Island, Ill.
GREAT WESTERN disc harrows—Cutaway Harrow Co., Higganum, Conn.
GREAT WESTERN files—Nicholson File Co., Providence, R. I.
GREAT WESTERN incubators & brooders—Jones, Post & Co., Racine, Wis.
GREAT WESTERN wood fibre plaster—American Cement Plaster Co., Lawrence, Kans.
GREATER PITTSBURGH dumping wagons—Milburn Wagon Co., Toledo, Ohio
GREAVES—ETCHELLS system electric furnaces—Electric Furnace Constructions Co., Finance bldg, Phila., Pa.
GREDAG graphite lubricants—Acheson Graphite Co., Niagara Falls, N. Y.
GREEDYGRINDER root cutters—Gray Iron Casting Co., Springfield, Ohio
GREEK padlocks—Slaymaker Lock Co., Lancaster, Pa.
GREEN blowers—Wilbraham-Green Blower Co., Pottstown, Pa.
GREEN grate bars & mechanical stokers—Green Engineering Co., East Chicago, Ind.
GREEN pneumatic tools—Dayton Pneumatic Tool Co., Dayton, Ohio
GREEN A calcined plaster—Grand Rapids Plaster Co., Grand Rapids, Mich.
GREEN LABEL lithophone—New Jersey Zinc Co., 55 Wall, New York
GREEN MOUNTAIN lawn mowers—Worcester Lawn Mower Co., Worcester, Mass.
GREEN MOUNTAIN silos—Creamery Package Mfg. Co., 61 W. Kinzie, Chicago, Ill.
GREEN RIVER dies & screw plates—Greenfield Tap & Die Corp., Greenfield, Mass.
GREEN SEAL belt dressing—Phoenix Oil Co., 2554 W. 5th, Cleveland, Ohio
GREEN SEAL house paint—Hanna Paint Mfg. Co., Columbus, Ohio
GREEN SEAL oxide of zinc—New Jersey Zinc Co., 55 Wall, New York
GREEN WHEELOCK steam engines—American & British Mfg. Co., Bridgeport, Conn.
GREENE car hauls—C. O. Bartlett & Snow Co., French, Cleveland, Ohio
GREEN'S metallic library shelving—Snead & Co. Iron Works, 98 Pine, Jersey City, N. J.
GREENDALE RUG front brick—Hocking Valley Products Co., Columbus, Ohio
GREENERD arbor presses—E. E. Bartlett, 326 A., Boston, Mass.
GREENFIELD drill chucks—Goodell-Pratt Co., Greenfield, Mass.
GREENFIELD drill chucks & mitre boxes—Goodell Mfg. Co., Greenfield, Mass.
GREENFIELD flexible metallic & interior conduits—Sprague Electric Works, 527 W. 34th, New York
GREENFIELD reamer grinders—Greenfield Machine Co., Greenfield, Mass.
GREENFIELD storm sash hangers—W. J. Dennis & Co., 2120 W. Lake, Chicago, Ill.
GREENHOUSE rubber hose—Empire Tire & Rubber Co., East Trenton, N. J.
GREENLAW flexible joints—Greenlaw Mfg. Co., 141 Milk, Boston, Mass.
GREENLEE auger bits—Greenlee Bros. & Co., Rockford, Ill.
GREEN'S seamless drawing tubing—American Tube Works, 10 Oliver, Boston, Mass.
GREENWICH linoleum—Henry Beutell & Son, 114 5th av, New York
GREENWOOD lawn mowers—Dille & McGuire Co., Richmond, Ind.
GREENWOOD metallic dabbers—Tillotson Humidifier Co., 78 Fountain, Providence, R. I.
GREENWOOD stave jointing machines—Rochester Barrel Machine Works, Rochester, N. Y.
GREER electric fuses—Harvard Electric Co., 525 W. Van Buren, Chicago, Ill.
GREESE railway track movers—Mann-McCann Co., Fisher bldg., Chicago, Ill.
GREGG automatic coil wire straightening—Lewis Machine Co., 6303 Central, Cleveland, Ohio
GREOIL lubricating oils & greases—Wm. C. Robinson & Son Co., 32 South, Baltimore, Md.
GRESHAM boiler injectors—Nathan Mfg. Co., 416 E. 106th, New York
GRESOLVENT hand soap—Utility Co., 636 W. 44th, New York
GRETCHEN bean & pea planters—Moline Plow Co., Moline, Ill.
GREYHOUND forge blowers—Gardner, R., Electrical Works, 1712 Columbus rd, Cleveland, Ohio
GRIDLEY turret lathes, automatic turret machines & spindles—National-Acme Mfg. Co., 7500 Stanton av, S. E., Cleveland, Ohio
GRIEVE dumping grates—Combustion Engineering Corp., 11 Broadway, New York
GRIFFIN grinding mills & pulverizers—Bradley Pulverizer Co., 92 State, Boston, Mass.
GRIFFIN hardware—Griffin Mfg. Co., Erie, Pa.
GRIFFIN safety razors—A. L. Silberstein, 600 W. 157th, New Yoork
GRIFFIN suction conveyors—Griffin Engineering & Construction Co., Elkhart, Ind.
GRIFFITH'S pump governors—Collins Mfg. Co. (Ltd.), 612 Chestnut, Phila., Pa.
GRIFFON cutlery—A. L. Silberstein, 600 W. 157th, New York
GRIMES foundry molding machines—Midland Machine Co., Detroit, Mich.
GRIMES jolt ramming—Midland Machine Co., Detroit, Mich.
GRIMM maple sap buckets, maple syrup cans & maple sugar evaporators—G. H. Grimm, Rutland, Vt.
GRIMSHAW insulating tape & black rubber covered wire—New York Insulated Wire Co., 84 State, Boston, Mass.
GRINNELL automatic fire sprinklers—General Fire Extinguisher Co., Providence, R. I.
GRINNELL WRIST FIT leather gloves—Morrison-Ricker Mfg. Co., Grinnell, Ia.
GRIP carriage fasteners—English & Mersick Co., New Haven, Conn.
GRIP fruit jar wrenches—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
GRIP pipe couplings—Grabler Mfg. Co., Ware, Mass.
GRIP rat traps—Lovell Mfg. Co., Erie, Pa.
GRIP stove lid lifters—Hamblin & Russell Mfg. Co., Worcester, Mass.
GRIP GREASE cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
GRIPLOCK chain link belting—Chain Belt Co., Milwaukee, Wis.
GRIP NECK bed & furniture casters—Universal Caster & Foundry Works, Newark, N. J.
GRIPSALL pipe wrenches—Frank Mossberg Co., Attleboro, Mass.
GRIPTITE asbestos brake lining, clutch facings, friction surfaces—Dominion Asbestos Rubber Corp., 154 Nassau, New York
GRIPTITE ground connection clamps—Novelty Electric Co., 50 N. 4th, Phila., Pa.
GRISWOLD-AMERICAN waffle irons—Griswold Mrg. Co., Erie, Pa.
GRISWOLD fry pans, aluminum hollow ware & meat & food choppers—Griswold Mfg. Co., Erie, Pa.
GROBET Swiss files & rifflers—Montgomery & Co., 105 Fulton, New York.
GRONKVIST drill chucks—Swedish Gage Co., Inc., 245 W. 55th, New York
GRONVOLD boiler flue cleaners—Burgess Machine Co., New Haven, Conn.
GRONWALL electric furnaces—John A. Crowley Co., 120 Liberty, New York
GROSS oil & gasoline pumps—A. C. Kraft, 323 W. Lake, Chicago, Ill.
GROSSER hosiery knitting machines—Max Nydegger, 260 W. Broadway, New York
GROTE sectional heaters—F. Grote Works Co., Evansville, Ind.
GROUND hog road scrapers—Sidney Steel Scraper Co., Sidney, Ohio
GRUB tank heaters—Drew Carrier Co., Waterloo, Wis.
GRUBITE chemically pure granite—Grueby Faience & Tile Co., 560 1st, Boston, Mass.
GRUNDY flexible couplings—Chas. Bond Co., 617 Arch, Phila., Pa.
GRUWA-HUNTINGTON emery wheel dressers—Challenge Machine Co., 5116 Springfield av, Phila., Pa.
GRYNDYN valve grinding compounds—Stewart & Co., 24 Broadway, New York
GUARANTEE clothes washing machines—Michigan Washing Machine Co., Muskegon, Mich.
GUARANTEE rubber packing—Acme Rubber Mfg. Co., Trenton, N. J.
GUARANTEE soda water fountains—Fountain Specialty Co., Grand Haven, Mich.
GUARANTEED PERFECTION cobblers' outfits—Root-Heath Mfg. Co., Plymouth, Ohio
GUARD grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
GUARD padlocks—Slaymaker Lock Co., Lancaster, Pa.
GUARDIAN cotton hose—Bowers Rubber Works, San Francisco, Cal.
GUARDIAN packing—Bowers Rubber Works, San Francisco, Cal.
GUARDIAN roofing felts & composition—Flintkote Co., 88 Pearl, Boston, Mass.

GUGENSTROM bath water heaters—Federal-Huber Co., 234 N. Halsted, Chicago, Ill.
GUIBERT fire hose reels—Cliff & Guibert Co., 460 W. Broadway, New York
GUILLOTT metalic gaskets — Gasket Mfg. Co., Galeton, Pa.
GULLAND stand pipes—Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
GUN hand & machine taps—Greenfield Tap & Die Corp., Greenfield, Mass.
GUNNELL pneumatic tools—Manitowoc Ship Bldg. & Dry Dock Co., Manitowoc, Wis.
GUNNER cotton hose—Acme Rubber Mfg. Co., Trenton, N. J.
GUNTHER'S hot water heaters—Peter's Pump Co., Kewanee, Ill.
GURELY horse back bands—Couch Bros. Mfg. Co., Atlanta, Ga.
GURLEY hook gage meter recorders—W & L. E. Gurley, Troy, N. Y.
GURNEY ball & journal bearings—Gurney Ball Bearing Co., Jamestown, N. Y.
GURNEY down draft boilers, radiators, steam & hot water heaters—Gurney Heater Mfg. Co., 188 Franklin, Boston, Mass.
GUSHER cog gear pumps—F. E. Myers & Bro., Ashland, Ohio
GUSTAFSON mine car wheels—Gustafson Mfg. Co., Chattanooga, Tenn.
GUTH farm gates—Automatic Pivot Gate Co., Waverly, Ohio
GUTHRIE self-measuring oil pumps—R. E. Chapin Mfg. Works, Batavia, N. Y.
GUTTA BALATA belting—Boston Belting Corp., 84 Linden Park, Boston, Mass.
GUTTMAN steel factory stools, bins, tables, tumbling barrels—S. G. Arnold, 2619 W. Vanburen, Chicago, Ill.
GYITE sealing wax—Insulatine Co., 1 Broadway, New York
GYPSINE wall finish—Anti-Kalsomine Co., Grand Rapids, Mich.
GYPSITE column coverings, fire-proof floors, tile ceilings—Gypsite Fireproofing Co., 4th & Holden, Detroit, Mich.
GYPSY grass hooks—Dunn Edge Tool Co., Oakland, Me.
GYPSY windlasses—Gillie Machine Co., Tonawanda, N. Y.
GYPSY windlasses—Wilcox, Crittenden & Co., Middletown, Conn.
GYRATORY rock crushers—Traylor Engineering & Mfg. Co., Allentown, Pa.
GYRO rubber heels—James Mfg. Co., Cleveland, Ohio
GYROFAN electric ceiling fans—Adams-Bagnall Electric Co., Cleveland, Ohio

H. removable screw calks—Rowe Calk Co., Hartford, Conn.
H. B. carbon paper & typewriter ribbons—J. A. Heale & Co., 96 John, New York
H. B. dredge chains—American Chain Co., Bridgeport, Conn.
H. C. automobile & wagon jacks—Lane Bros. Co., Poughkeepsie, N. Y.
H.-C. electric portable drills—Holtzer-Cabot Electric Co., 125 Amory, Boston, Mass.
H. C. magneto igniters—Holtzer-Cabot Electric Co., 125 Amory, Boston, Mass.
H. C. polishing shot—Globe Steel Co., Mansfield, Ohio
H. C. virgin clay scrapers—Chambers Bros. Co., 52nd, bel. Lancaster av, Phila., Pa.
H. C. B. manganese steel centre tongue switches: track & street railway switches—Wm. Wharton, Jr., & Co., Inc., Easton, Pa.
H. D. ejectors & automatic water heaters—Hayden & Derby Mfg. Co., 119 W. 40th, New York
H. D. S. & CO. pincers—H. D. Smith & Co., Plantsville, Conn.
H. G. barr drilling machines—Francis Reed Co., Worcester, Mass.
H. H. antimony—C. W. Leavitt & Co., 34 Church, New York
H. H. brown cattle dehorners—Leavitt Mfg. Co., Urbana, Ill.
H. H. steam traps—Jas. McCrea & Co., 562 W. Washington, Chicago, Ill.
H. E. H. tapping machines—H. E. Harris Engineering Co., 1047 Broad, Bridgeport, Conn.
H. H. H. pneumatic tires—H. H. H. Tire & Mfg. Co., 263 Halsey, Newark, N. J.
H. J. & C. compression stops—Haines, Jones & Cadbury Co., 1130 Ridge av, Phila., Pa.
H. M. & H. gas engines—Henry, Millard & Henry Co., York, Pa.
H. M. S. bull dog spark plugs—Hartford Machine Screw Co., Hartford, Conn.
H.-O. pipe joint cement & compounds—H. W. Johns-Manville Co., Madison av & 41st, New York
H. O. H. steel sheet—Follansbee Bros. Co., Pittsburgh, Pa
H. R. M. calcined plaster—Grand Rapids Plaster Co., Grand Rapids, Mich.
H. S. EARLE'S corn harvester knives—North Wayne Tool Co., Hallowell, Me.
H. T. manganese steel centre tongue switches: track & street railway switches—Wm. Wharton, Jr., & Co., Inc., Easton, Pa.
H. T. MILLER'S axes—American Axe & Tool Co., Glassport, Pa.
H. W. barn door latches—Hardware Specialty Mfg. Co., Anderson, Ind.
H.-W. cross head pin oilers—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
H. W. RICON gas retorts—Harbison-Walker Refractories Co., Farmers' Bank bldg., Pittsburgh, Pa.
H. W. W. wire connectors—Fairmount Electric & Mfg. Co., 59th & Woodland av, Phila., Pa.
H. & A. binder covers—Henry & Allen, Auburn, N. Y.
H. & A. revolvers—Hopkins & Allen Arms Co. (Br. of Marlin-Rockwell Corp.), Norwich, Conn.
H. & A. shoveling & end gate boards—Peoria Drill & Seeder Co., Peoria, Ill.
H. & B. bath waste—Hoffman & Billings Mfg. Co., Milwaukee, Wis.
H. & B. box openers, screw driver bits—Landers, Frary & Clark, New Britain, Conn.
H. & B. floor & ceiling plates—Parker Wire Goods Co., Worcester, Mass.
H. & B. flush plugs—Hatzell & Buehler, 373 4th av, New York
H. & B. golf clubs—Hillerich & Bradley Co., 725 So. Preston, Louiville, Ky.
H. & B. typewriter oils—J. A. Heale & Co., 96 John, New York
H. & D. fertilizer distributors & spring tooth harrows—Hench & Dronigold Co., York, Pa.
H. & G. self opening die heads—Eastern Machine Screw Corp., New Haven, Conn.
H. & H. hair belting & patent leather trucks—Hamblet & Hayes Co., 284 Devonshire, Boston, Mass.
H. & H. horse back bands—Couch Bros. Mfg. Co., Atlanta, Ga.
H. & H. metallic lockers, tool cabinets—Hart & Hutchinson Co., Dept. C., New Britain, Conn.
H. & H. switches, switch boxes, flush plugs—Hart & Hegeman Mfg. Co., Hartford, Conn.
H. & L. electric fuses—H. T. Paiste Co., Arch & 32nd, Philadelphia, Pa.
H. & M. furniture polish—Heath & Milligan Mfg. Co., 1833 Seward, Chicago, Ill.
H. & N. carbureters—H. & N. Carbureter Co., 1675 B'way, New York.
H. & P. staybolt iron—Hughes & Patterson, 800 Richmond, Phila., Pa.
H. & R. base ball masks, sink brushes—Hamblin & Russell Mfg. Co., Worcester, Mass.
H. & R. revolvers—Harrington & Richardson Arms Co., Worcester, Mass.
H. & S. trolley wire splicing sleeves—Hickney & Schneider, Elizabeth, N. J.
HAAS anti-freezing water closets & flushing valves, hydrometers—Philip Haas Co., Dayton, Ohio.
HAASE milling machine attachments—Enderes, Inc., Albert Lea, Minn.
HACH urinal strainers—Richard G. Hach, 159 E. 26th, New York
HAGGARD telegraph poles supports—Paul & Fulton Co., 31 W. Kinzie, Chicago, Ill.
HAGSTROM spark plugs—Hagstrom Mfg. Co., Lindsburg, Kans.
HAHN metallic packing—Am. Huhn Metallic Packing Co., 233 B'way, New York
HAHN watchman's clocks—Nanz Clock Co., 178 Fulton, New York
HAIMANS potato planters—Southern Plow Co., Columbus, Ga.
HAINER autographic registers & book-keeping machine—Hainer Book-Keeping Machine Co., 45 Williard av, Providence, R. I.
HAINES vacuum controllers & heating systems—Wm. S. Haines & Co., 12th & Buttonwood, Phila., Pa.
HAINES WEAVER concrete mixers—Automatic Concrete Mixer Co., 44 Whitehall, New York
HAJOCA bath room fixtures—Haines, Jones & Cadbury Co., 1130 Ridge av, Philadelphia, Pa.
HALBY shoveling machines—Lake Shore Engine Works, Marquette, Mich.
HALCO sportsman's leggings—Hagerstown Shoe & Legging Co., Hagerstown, Md.

HALE automatic blind hinges—Parker Wire Goods Co., Worcester, Mass.
HALE gas mixers—Hale Gas Mixture Mfg. Co., Kansas City, Mo.
HALEY hose nozzles—Boston Coupling Co., 156 Pearl, Boston, Mass.
HALL cast iron pipe cutters & pipe threading stocks —Walworth Mfg. Co., Boston, Mass.
HALL carriers, garden cultivators, spades, trowels, wire stretchers, dandelion pullers, stake irons, weeders, post hole diggers, augers and rope hoists —Hall Mfg. Co., Monticello, Iowa.
HALL incandescent electric lamps—Capitol Electric Co., Denver, Colo.
HALL oil filters—Hall Mfg. Co., Harrison, N. J.
HALLADAY windmills & wood tanks—U. S. Wind Engine & Pump Co., Batavia, Ill.
HALLETT trolley line materials, arc lamp brackets, anchor rods, cable reel jacks, cable trolleys, pole clamps—Hallett Iron Works, Harvey, Ill.
HALLO concrete hanger supports—Albert C. Racky, 531 S. 5th av, Chicago, Ill.
HALLOWAY chemical fire engines—James Boyd & Bro., 25th & Wharton, Philadelphia, Pa.
HALLOWELL shafting collars—Standard Pressed Steel Co., 20th & Clearfield, Phila., Pa.
HALL-SCOTT passenger cars—Hall-Scott Motor Car Co., San Francisco, Cal.
HALL'S grate bars—Stowell Co., S. Milwaukee, Wis.
HALL'S oil & grease cups—Hall Mfg. Co., Harrison, N. J.
HALO metal polish—Standard Carbon Co., Los Angeles, Cal.
HALSEY ice chippers—Bernardin Bottle Cap Co., Evansville, Ind.
HALSTEAD attrition mills—Engelberg Huller Co., Syracuse, N. Y.
HALSUP steel tubular barrows—Sidney Steel Scraper Co., Sidney, Ohio
HAM sand boxes—Trojan Button Fastener Co., Troy, N. Y
HAMBURG potato diggers — Gowanda Agricultural Works, Gowanda, N. Y.
HAMBURG potato diggers—Hamburg Plow Works, Hamburg, Pa.
HAMILTON Corliss engines—Hooven, Owens, Rentschler Co., Hamilton, Ohio
HAMILTON disc harrows — Long & Allstater Co., Hamilton, Ohio
HAMILTON gas engines—Wogaman Bros. Co., Greenville, Ohio
HAMILTON seeder attachment & wire fence machines —H. P. Deuscher Co., Hamilton, Ohio
HAMILTON shears & scissors—Wiebush & Hilger, 106 Lafayette, New York
HAMILTON steam engines, air & gas compressors, pumps, sugar cane mills—Hooven, Owens & Rentschler Co., Hamilton, Ohio
HAMILTON ADVANCE traction engines—Advance Mfg. Co., Hamilton, Ohio
Hamilton-Pratt cane sugar machinery — Hooven, Owens, Rentschler Co., Hamilton, Ohio
HAMMER core making machines—Brown Specialty Machinery Co., 2440 W. 22nd, Chicago, Ill.
HAMMER screw pumps, hanging lamps—Hammer & Co., Branford, Conn.
HAMMER self-locking row locks — Malleable Iron Fittings Co., Branford, Conn.
HAMMER HANDLE wrenches—Coes Wrench Co., Worcester, Mass.
HAMMERLOCK closet seats & plumbers' wood work —J. C. Eichman Mfg. Co., Baltimore, Md.
HAMMER THE HAMMER revolver—Johnson's Iver, Arms & Cycle Works, Fitchburg, Mass.
HAMMON pipe couplings — Hammon Coupler Co., Farmers' Bank bldg., Pittsburgh, Pa.
HAMMOND can labeling machines—A. K. Robins & Co., 116 Market pl, Baltimore, Md.
HAMMOND typewriters—Hammond Typewriter Co., 537 E. 59th, New York
HAMONDTANK steel tanks—Hammond Iron Works, Warren, Pa.
HAMPDEN paint—Hampden Paint & Chemical Co., Springfield, Mass.
HAMPDEN rug fasteners & picture hooks—Hampden Mfg. Co., 108 Fulton, New York
HAMPSHIRE lawn mowers—Granite State Mowing Machine Co., Hinsdale, N. H.
HAMPTON metal lath—Penn Metal Co., 61 Franklin, Boston, Mass.
HAMPTON sedimentation tanks—Sterilization Co., 9 Clinton, Newark, N. J.
HAMR-HANDL screw drivers — Crescent Tool Co., 200 Harrison, Jamestown, N. Y.
HAM'S coping machines—L. M. Ham & Co., 158 Portland, Boston, Mass.
HAMSLEY metallic shingles—Jacob Ringle & Son, 83 Newark av, Jersey City, N. J.
HANCHETT saw filing machines—Hanchett Swage Works, Big Rapids, Mich.
HANCOCK gasoline strainers — Hancock Mfg. Co., Charlotte, Mich.
HANCOCK inspirators & ejectors—Hancock Inspirator Co., 119 W. 40th, New York
HANCOCK jig for concentrating mills—Allis-Chalmers Mfg. Co., Milwaukee, Wis.
HANCOCK JR. disc plows—Racine-Sattley Co., Springfield, Ill
HANDI HANGER extension bars—M. B. Skinner Co., 562 W. Washington, Chicago, Ill.
HANDIHOOK picture hooks—August Goertz & Co., 276 Morris av, Newark, N. J.
HANDI-TOOL combination tools—C. E. Benefiel Co., Indianapolis, Ind.
HANDLAN drill chucks, car seal presses, engine & tail markers—Handlan-Buck Mfg. Co., 210-214 N. 3rd, St. Louis, Mo.
HANDY anti rattlers—Monarch Carriage Goods Co., Cincinnati, Ohio
HANDY ash can trucks—W. G. Browne Mfg. Co., Kingston, N. Y.
HANDY automobile switches & receptacle plugs—Chicago Electric Mfg. Co., 2817 S. Halsted, Chicago, Ill.
HANDY bag trucks—Cardington Cabinet Co., Cardington, Ohio
HANDY baling presses—Grand Rapids Savage Co., Grand Rapids, Mich.
HANDY boiler flue plugs—Elisha Webb & Son, 43 S. Water, Phila., Pa.
HANDY broom holders—Reading Saddle & Mfg. Co., Reading, Pa.
HANDY brushes—Standard Brush Co., New Hartford, Conn.
HANDY can openers, kraut cutters, tack claws & pullers—Handy Things Mfg. Co., Ludington, Mich.
HANDY carboy carriers—Lansing Co., Lansing, Mich.
HANDY clothes line reels—Feeney Mfg. Co., Muncie, Ind.
HANDY clothes pin bags—Excelsior Bag & Mfg. Co., Troy, N. Y.
HANDY clothes washing machines—Glascock Bros. Mfg. Co., Muncie, Ind.
HANDY coal hods & poultry fountains—Franklin Galvanized Ware Mfg. Co., Franklin, Ind.
HANDY corn hooks—Wallingford Mfg. Co., Wallingford, Vt.
HANDY drilling machine vises—Ainslie Machine & Tool Works, 35 Jefferson av, Hartford, Conn.
HANDY dry heat rubber vulcanizers—R. H. Smith Mfg. Co., Springfield, Mass.
HANDY feed cutters—Hamburg Plow Works, Hamburg, Pa.
HANDY fishing rod holders — A. F. Meisselbach & Bros., 29 Congress, Newark, N. J.
HANDY gasoline lamps & lighting systems—Brilliant Gas Lamp Co., 1009 Wabash av, Chicago, Ill.
HANDY gauges—Caldwell Mfg. Co., 8 Jones, Rochester, N. Y.
HANDY glass cutters—Fletcher, Terry Co., Forrestville, Conn.
HANDY hand card cutting machines—L. F. Grammes & Sons, Allentown, Pa.
HANDY hand carts—Havana Metal Wheel Co., Havana, Ill.
HANDY hand power punches—Danzer Metal Works, Hagerstown, Md.
HANDY hose racks—Specialty Mfg. Co., St. Anthony Park, Minn.
HANDY incandescent lamp cleaners & lamp replacers—Frank W. Morse, 289 Congress, Boston, Mass.
HANDY lawn mower oilers—Bridgeport Brass Co., Bridgeport, Conn.
HANDY lawn sprinklers—Central Brass & Stamping Co., Peoria, Ill.
HANDY paint & white wash spraying machines—F. E. Myers & Bro., Ashland, Ohio
HANDY paper dishes—Star Paper Dish Co., Richmond, Va.
HANDY pipe vises—Dikeman Mfg. Co., Norwalk, Conn.
HANDY post drills—Illinois Iron & Bolt Co., Carpentersville, Ill.
HANDY pumping jacks—Fairbanks, Morse & Co., 900 S. Wabash av, Chicago, Ill.
HANDY quick-opening & quick-closing valves—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
HANDY riveting machines—A. C. Williams Co., Ravenna, Ohio
HANDY rope cleats—Parker Wire Goods Co., Worcester, Mass.

HANDY saw sets—Kilborn & Bishop Co., New Haven, Conn.
HANDY screen door pulls—Hunt, Helm, Ferris & Co., Harvard, Ill.
HANDY screw driver bits—West Haven Mfg. Co., West Haven, Conn.
HANDY screw drivers—Cassaday Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
HANDY screw drivers—Turner & Deegan, Bristol, Conn.
HANDY shaft couplers—Fernald Mfg. Co., North End, Pa.
HANDY slitting shears—W. A. Wheeler, Indianapolis, Ind.
HANDY soldering sets—W. L. Barrett, Bristol, Conn.
HANDY steam traps—E. M. Nichols, 212 W. Washington sq, Phila., Pa.
HANDY steel derricks—Boss Pulling Machine Co., Vanburen, Ind.
HANDY step ladders—Handy Ladder Works, Cleveland, Ohio
HANDY step ladders—R. W. Whitehurst Mfg. Corp., Norfolk, Va.
HANDY stock fountains—Novelty Iron Works, Sterling, Ill.
HANDY stock & dies & pipe vises—Handy Mfg. Co., Bridgeport, Conn.
HANDY store trucks—Southern Plow Co., Columbus, Ga.
HANDY stove lid lifters—I. C. Imboden Co., Cleona, Pa.
HANDY telescope cot bed—Telescope Cot Bed Co., 535 E. 79th, New York
HANDY tin oil pumps—R. E. Chapin Mfg. Works, Batavia, N. Y.
HANDY tire air pumps—Cox Brass Mfg. Co., Albany, N. Y.
HANDY tire bolter wrenches—W. F. Custer & Son, Summitville, Ind.
HANDY wooden kegs—Union Cooperage Co., 2nd & Penrose, St. Louis, Mo.
HANDY ANDY electric lanterns—R. M. Millar Electric Works, 9 S. Clinton, Chicago, Ill.
HANDY ANDY shovels, spades & scoops—Owensboro Shovel & Tool Co., Owensboro, Ky.
HANDY BAR belt dressing—Crescent Belt Fastener Co., 381 4th av, New York
HANDY ROLL toilet paper holders—S. J. Bens Mfg. Corp., Herkimer, N. Y.
HANG-UP wall hooks—Hampden Mfg. Co., 108 Fulton, New Lork
HANIEL & LUEG hydraulic presses—Mesta Machine Co., Pittsburgh, Pa.
HANKE stairway fire escapes—Hanke Iron & Wire Works, 800 N. Albany av, Chicago, Ill.
HANNA pipe hangers—Penna. Engineering Co., 312 Cherry, Phila., Pa.
HANNA sand mixing machines, foundry riddles, pneumatic tools & radial reamers—Hanna Engineering Works, 1764 Elston av, Chicago, Ill.
HANNA tire air pumps—Troy Auto Specialty Co., Troy, N. Y.
HANNIBAL gasoline lighting systems—Hannibal Gas Machine & Mfg. Co., Hannibal, Mo.
HANNIFIN countershafts, expanding mandrels, self opening dies—Hannifin Mfg. Co., 621 S. Kolmar av, Chicago, Ill.
HANNON plasterers' steel beads—Union Metal Corner Co., 18 Heath, Boston, Mass.
HANSA linoleum—C. H. Weber, 45 E. 17th, New York
HANSEN & HAYNES rotary dumps—Link-Belt Co., 39th & Stewart av, Chicago, Ill.
HANSEN'S danish butter colors—D. H. Burrell & Co., Little Falls, N. Y.
HANSOM inverted gasoline lamps—American Gas Machine Co., Albert Lea, Minn.
HANSON gas machines & street lamps—American Gas Machine Co., Albert Lea, Minn.
HANSON pipe & anvil vises—Stowell Co., South Milwaukee, Wis.
HANSON reinforcing bar benders—A. P. Hanson & Son, 1911 Emerson av, Chicago, Ill.
HANSON'S steel wool & shavings—F. C. Hanson, Southbridge, Mass.
HAPPIDOG muzzlers—Walter B. Stevens & Son, 114 Chambers, New York
HAPPY electric sad irons—Detroit Electric Heater Co., Detroit, Mich.
HAPPY DAY washing machines—National Sewing Machine Co., Belvidere, Ill.
HAPPY FARMER tractors—Happy Farmer Tractor Co., 322 3rd av N., Minneapolis, Minn.
HAPPY FARMER tractors—La Crosse Tractor Co., La Crosse, Wis.
HAPPY THOUGHT stoves—Pittston Stove Co., Pittston, Pa.
HARDERNELL wall plaster—Plymouth Gypsum Co., Fort Dodge, Ia.
HARDICK steam pumps—Foster Pump Works, 36 Bridge, Brooklyn, N. Y.
HARDIE gasoline engines—Hardie Mfg. Co., Hudson, Mich.
HARDINGE stone pulverizers—Hardinge Conical Mill Co., 120 Broadway, New York
HARDING'S card feed rolls—R. H. Hood Co., 1842 Gtn. av, Phila., Pa.
HARDING'S comb circles & fallers—Leigh & Butler, 232 Summer, Boston, Mass.
HARDISON chain tongs—Union Tool Co., Los Angeles, Cal.
HARDSOCG pneumatic rock drills—Hardsocg Wonder Drill Co., Ottumwa, Ia.
HARDWEAR rubber hose—Belting Corp,, 84 Linden Park, Boston, Mass.
HARDY & PINDER screen plates—Wm. A. Hardy & Sons Co., Fitchburg, Mass.
HARGRAVE clamps, saw vises, screw drivers, drills, rod cutters, bench stops—Cincinnati Tool Co., Norwood, Cincinnati, Ohio
HARJER fly traps—Reynolds Wire Co., Dixon, Ill.
HARLAND varnishes—Wm. Harland & Sons, Buffalo, N. Y.
HARLEM packing—Revere Rubber Co., Chelsea, Mass.
HAR MAC rural mail boxes—Harper & McIntire Co., Ottumwa, Ia.
HARMON diaphragm screens—Harmon Machine Co., Watertown, N. Y.
HARMON lumber trimmers—Diamond Iron Works, Minneapolis, Minn.
HARPER fly traps—National Mfg. Co., Worcester, Mass.
HARPER metallic packing—Harper Mfg. Co., Chester, Pa.
HARPER sad irons—Chicago Hardware Foundry Co., 546 W. Washington, N. Chicago, Ill.
HARPER savings banks—Sager Lock Co., North Chicago, Ill.
HARPER HANDY stove trucks & casters—Chicago Hardware Foundry Co., 546 W. Washington, N. Chicago, Ill.
HARPOON guy anchors—Crouse-Hinds Co., Syracuse, N. Y.
HARRIMAC fish landing nets & gaff hooks—A. F. Meisselbach & Bro., 29 Congress, Newark, N. J.
HARRINGFORD picks—Harringford Mfg. Co., 148 State, Boston, Mass.
HARRINGTON coffee percolators—O. W. Burritt & Bro., Weedsport, N. Y.
HARRINGTON mechanical stokers—Green Engineering Co., East Chicago, Ind.
HARRIS coil heaters—Arthur Harris & Co., 212 N. Curtis, Chicago, Ill.
HARRIS gasoline engines—Harris Engine Co., Front & Orange, Wilmington, Del.
HARRIS grapple forks—Milwaukee Hay Tool Co., Milwaukee, Wis.
HARRIS grapple forks—J. E. Porter Co., Ottawa, Ill.
HARRIS harpoon forks—F. E. Myers & Bro., Ashland, Ohio
HARRIS hay forks—G. A. Swineford Co., Canton, Ohio
HARRIS incandescent gas mantles—Harris Wood Fibre Mantle Co., 1569 Columbus rd. N. W., Cleveland, Ohio
HARRIS lubricating oils & greases—A. W. Harris Oil Co., 326 S. Water, Providence, R. I.
HARRIS mine car hitchings—Pittsburgh Knife & Forge Co., N. S. Pittsburgh, Pa.
HARRIS railroad track laying machines—Geo. F. H. Hicks, 537 S. Dearborn, Chicago, Ill.
HARRIS sash operating devices, skylight ventilating & ventilating apparatus—Payson Mfg. Co., 2918 W. Jackson blvd., Chicago, Ill.
HARRIS self-wringing mops—American Bread & Pastry-Board Co., Cambridge, Mass.
HARRIS thumb nuts & thumb screws & lathe dogs—Samuel Harris & Co., 114 N. Clinton, Chicago, Ill.
HARRISON anvil vises—Stowell Co., S. Milwaukee, Wis.
HARRISON corn & cob mills—Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
HARRISON draughting tables—H. Cole Co., 68 E. Gay, Columbus, Ohio
HARRISON M. I. P. key cutting machines—Harrison & Co., 81 New, New York
HARRISON paint & varnish remover—Harrison Works (Du Pont), 35th & Grays Ferry rd, Phila., Pa
HARRIS-SCOUREE metal polish—A. W. Harris Oil Co., 326 S. Water, Providence, R. I.
HARROUN automobile bumpers—Turner Brass Works, Sycamore, Ill.

HARRY'S ash & garbage cans, cyclone cellars, oil storage tanks, portable houses, lawn & garden rollers—Harry Bros. Co., New Orleans, La.
HART convertible ballast freight & gondola cars—Rodger Ballast Car Co., Railway Exchange bldg., Chicago, Ill.
HART emery & corundum wheels—Detroit Grinding Wheel Co., Detroit, Mich.
HART hollow cap screws—H. C. Hart Mfg. Co., Unionville, Conn.
HART lubricators—Sherwood Mfg. Co., 1710 Elmwood av, Buffalo, N. Y.
HART packing—Hart Packing Co., 144 High, Boston, Mass.
HART padlock locks—U. S. Lock & Hardware Co., Columbia, Pa.
HART portable grain elevators—Hart Grain Weigher Co., Peoria, Ill.
HART sash holders—Hart Sash Holder Co., Lexington, Mo.
HART snap switches—Hart & Hegeman Mfg. Co., Hartford, Conn.
HART-BROWN self feeder carriers—Hart Grain Weigher Co., Peoria, Ill.
HARTFORD ball cocks—Burlington Brass Works, Burlington, Wis.
HARTFORD bronze greens—Harrison Works (Du Pont), 35th & Grays Ferry rd, Phila., Pa.
HARTFORD die & bench filing machines—Robinson Tool Works, Inc., Waterbury, Conn.
HARTFORD feed water heaters—I. B. Davis & Son, Hartford, Conn.
HARTFORD fire hose racks—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
HARTFORD marine engines—Gray & Prior Machine Co., Hartford, Conn.
HARTFORD printing presses, embossing presses, surface grinders—National Machine Co., Hartford, Conn.
HARTFORD rubber tires—Hartford Rubber Works Co., Hartford, Conn.
HARTFORD side weight horseshoes—Side Weight Horse Shoe Co., Mechanic, Hartford, Conn.
HARTFORD time switches—Hartford Time Switch Co., 71 Murray, New York
HARTHAN propeller wheels—McFarland Foundry & Machine Co., Trenton, N. J.
HARTLEY & KENYON surgical instruments—Pederson Lubricator Co., 644 First av, New York
HARTMAN center plates—Joliet Railway Supply Co., 4052 Princeton av, Chicago, Ill.
HARTMAN iron fences—Pettler Steel Mat & Mfg. Co., Beaver Falls, Pa.
HARTNESS automatic dies—Jones & Lamson Machine Co., Springfield, Vt.
HART-PARR tractors—Hart-Parr Co., Charles City, Ia.
HART'S trunk hinges—Stanley Works, New Britain, Conn.
HART SHAPE waffle irons—Andresen Hardware Co., Minneapolis, Minn.
HARTWICK concrete mixers—Hall-Holmes Mfg. Co., Jackson, Mich.
HARTWIG metallic shades—P.-R. Mfg. Co., Detroit, Mich.
HARTZFELD electric furnaces—Eimer & Amend, 205 3d av, New York
HARVARD barn door latches & rails & hay carriers & tank heaters—Hunt, Helm, Ferris & Co., Harvard, Ill.
HARVARD blackboard surfacing material—Devoe & Raynolds Co., 101 Fulton, New York
HARVARD brick—Waldo, Bros., 45 Batterymarch, Boston, Mass.
HARVARD coal meters—O. D. Harvard Co., Scranton, Pa.
HARVARD spray pumps—Rumsey Pump Co., Box J, Seneca Falls, N. Y.
HARVESTER suction hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
HARVEY carbon removers—Harvey Chemical Co., Lafayette, Ind.
HARVEY equalizers—Harvey Spring & Forging Co., Racine, Wis.
HARVEY friction draft springs—Detroit Steel Products Co., Detroit, Mich.
HARVEY friction draft springs—Frost Railway Supply Co., Detroit, Mich.
HARVEY GRIP track bolts—Kansas City Bolt & Nut Co., Kansas City, Mo.
HARVEST KING grindstones—Cleveland Stone Co., Leader News Bldg., Cleveland, Ohio.
HASCO BRAND blocks, die, door stops, hickory handles, file & chisel handles—H. A. Stiles & Co., 93-97 Oliver, Boston, Mass.
HASKINS foundry chaplets—Hill & Griffith Co., 1262 State av, Cincinnati, Ohio
HASKINS mill gears—A. Garrison Foundry Co., 901 Bingham, Pittsburgh, Pa.
HASTINGS step ladders—Bent Rung Ladder & Mfg. Co., Indiana, Pa.
HATCH metallic packing—E. W. Hatch, 14 L, Boston, Mass.
HATCHING WONDER incubators & brooders—Geo. Ertel Co., Quincy, Ill.
HAUCK sulky hay rakes—Geo. S. Comstock & Son, Mechanicsburg, Pa.
HAVANA gas engines—Havana Mfg. Co., Havana, Ill.
HAVEMEYER concrete reinforcing bars & inserts—Concrete Steel Co., 42 B'way, New York
HAVEN floor scrapers—Haven Mfg. Co., Racine, Wis.
HAVEN'S comealongs—Mathias Klein & Sons, 562 Van Buren, Chicago, Ill.
HAVEN'S linemen's splicing clamps—Smith & Hemenway Co., 261 Broadway, New York; 130 Coit, Irvington, N. J.
HAVEN'S linemen's splicing clamps—Columbus Handle & Tool Co., Columbus, Ind.
HAVOLINE automobile oils—Indian Refining Co., 244 Madison av, New York
HAWK oil cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
HAWKEYE cement—Hawkeye Portland Cement Co., Des Moines, Ia.
HAWKEYE corn & cob mills—E. Children's Sons Mfg. Co., Council Bluffs, Ia.
HAWKEYE grain cleaning & grading machinery, ratchet wrenches & self-feeders & band cutters for threshers, stock fountains—Maytag Co., Newton, Ia.
HAWKEYE grain drills & portable grain elevator—E. Children's Sons Mfg. Co., Council Bluffs, Ia.
HAWKEYE incandescent lamp sockets—Electric Supply Co., Sioux City, Ia.
HAWKEYE lawn trimmers—Osmundson Spade Mfg. Co., Perry, Ia.
HAWKEYE pipe & engineers' wrenches—Hawkeye Wrench Co., Marshalltown, Ia.
HAWKEYE refrigerator baskets—Burlington Basket Co., Burlington, Ia.
HAWKEYE stump pullers—Milne Mfg. Co., Monmouth, Ill.
HAWKS range boiler stands—Hugo Mfg. Co., Duluth, Minn.
HAWLEY-SCHWARTZ brass furnaces—Hawley Down Draft Furnace Co., Easton, Pa.
HAWTHORNE automobile horns, carbureters, self winding clothes lines—Hawthorne Mfg. Co., Bridgeport, Conn.
HAWTHORNE electric bells—Western Electric Co., 463 West, New York
HAXTUN steam & hot water heaters—Kewanee Boiler Co., Kewanee, Ill.
HAYDEN brass wrenches—Belden Machine Co., New Haven, Conn.
HAYDEN concrete building block machinery—Hayden Automatic Block Machine Co., Columbus, Ohio
HAYDEN pipe wrenches—Belden Machine Co., New Haven, Conn.
HAYDEN pipe wrenches—Haydenville Co., Haydenville, Mass.
HAYDENVILLE shower bath valves—Haydenville Co., Haydenville, Mass.
HAYES auger handles—Bonney Vise & Tool Works, Allentown, Pa.
HAYES car derailers—Hayes Track Appliance Co., Richmond, Ind.
HAYES cultivators, riding & walking listers, sanitary drinking fountains—Hayes Pump & Planter Co., Galva, Ill.
HAYES lock hooks & lock snaps—Draper & Hall Co., Middletown, Conn.
HAYES locomotive water strainers—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
HAY KING horse presses—New Winona Mfg. Co., Winona, Minn.
HAYMAKER unloaders—F. E. Myers & Bro., Ashland, Ohio
HAYS gas analysis apparatus—Combustion Appliance Co., 7101 N. Clark, Chicago, Ill.
HAYS gas analysis apparatus—Wm. B. Pierce Co., Buffalo, N. Y.
HAYS IMPROVED gas analysis apparatus—G. L. Simonds & Co., 230 S. La Salle, Chicago, Ill.
HAYWARD life saving nets—S. F. Hayward & Co., 250 W. 54th, New York
HAYWARD tank heaters—Butler Co., Butler, Ind.
HAZARD KENTUCKY RIFLE powder—du Pont de Nemours & Co. (E. I.), Wilmington, Del.
HAZEN harrows & pulverizers—W. S. Hazen, Ripon, Wis.
HEADLIGHT arc light carbons—National Carbon Co., Madison av N. W. & N. 117th, Cleveland, Ohio

HEADLIGHT rubber packing—Manhattan Rubber Mfg. Co., Passaic, N. J.
HEALD magnetic chucks—Heald Machine Co., Worcester, Mass.
HEALD'S gear link drive chains—Union Malleable Iron Co., East Moline, Ill.
HEAP'S dry earth closets—Wm. Heap & Sons, Grand Haven, Mich.
HEART belting—Graton & Knight Mfg. Co., Worcester, Mass.
HEART BEAT rock drill lubricators—Ingersoll-Rand Co., 11 Broadway, New York
HEARTLEY HOLD FAST ground mole traps—Heartley Machine, Variety Iron & Tool Works, 900 Summit, Toledo, Ohio
HEATH carriage hubs—Shortsville Wheel Co., Shortsville, N. Y.
HEATHER oil & grease cups—Wm. Powell Co., Cincinnati, Ohio
HEATON carriage fasteners—Heaton Peninsular Button Fastener Co., 65 Shirley, Boston, Mass.
HEATON latch needles—Continental Latch Needle Co., 120 Liberty, New York
HEAVY A. wedge top shoe lasts & stands—Root-Heath Mfg. Co., Plymouth, Ohio
HEAVY DUTY bench drilling machines—Chas. Stecher Co., 1580 Crossing, Chicago, Ill.
HEBERT piston rings—Hebert Mfg. Co., Franklin, N. H.
HECLA lavatories & fittings—James Barrett Mfg. Co., 117 Pearl, Boston, Mass.
HECLA oil pump lubricators—J. E. Lonergan Co., 211 Race, Phila., Pa.
HECLA packing—General Asbestos Rubber Co., Charleston, S. C.
HECLABRONZE packing mfrs.—General Asbestos Rubber Co., Charleston, S. C.
HECO spark plugs—Heinze Electric Co., Lowell, Mass.
HECTOR long fulcrum pumps—W. & B. Douglas, Middletown, Conn.
HECTOR rubber hose—Republic Rubber Co., Youngstown, Ohio
HEEBNER'S union fodder cutters—Heebner & Sons, Lansdale, Pa.
HEER gasoline traction engines—Heer Engine Co., Portsmouth, Ohio
HEEREN badges—International Register Co., 15 Throop, Chicago, Ill.
HEESEN farm boilers—Heesen Bros. Co., Tecumseh, Mich.
HEFT oil & gasoline pumps—A. C. Kraft, 323 W. Lake, Chicago, Ill.
HEICHSTADTER'S boiler compounds—Gallaway, G. W., 322 Pearl, New York
HEIDER tractors—Rock Island Plow Co., Rock Island, Ill.
HEIM street sprinkling valves—B. Hoffman Mfg. Co., Milwaukee, Wis.
HEINE water tube expanders—Gustav Wiedeke & Co., Dayton, Ohio
HEINSS tool emery grinders—Huntington Machine & Foundry Co., Huntington, Ind.
HEINTZ steam traps—Wm. S. Haines & Co., 12th & Buttonwood, Phila., Pa.
HEINZ plasters' steel corner beads—Church Appliance Mfg. Co., La Salle, Ill.
HEINZE spark plugs—Heinze Electric Co., Lowell, Mass.
HEINZ-SKINNER acid fans—Stearns-Rogers Mfg. Co., Denver, Colo.
HEIZMANN night latches—Penn Hardware Co., Reading, Pa.
HELDERBERG cement—Helderberg Cement Co., Albany, N. Y.
HELEN blast furnaces—Red River Iron Works, Clarksville, Tenn.
HELE-SHAW automobile clutches—Merchant & Evans Co., 2035 Washington av, Phila., Pa.
HELICAL bed springs—Morgan Spring Co., Worcester, Mass.
HELICORD packing—General Asbestos Rubber Co., Charleston, S. C.
HELIMOI packing—Crandall Packing Co., Palmyra, N. Y.
HELIOS packing—Crandall Packing Co., Palmyra, N. Y.
HELLER feed cutters—Heller-Aller Co., Napoleon, Ohio
HELLER'S alloy tool steel—Heller Bros. Co., 879 Mt. Prospect av, Newark, N. J.
HELLO dry batteries—Stackpole Carbon Co., St. Marys, Pa.
HELM cement brick machines—Helm Brick Machine Co., Cadillac, Mich.
HELM stock fountains—S. D. Helm Mfg. Co., Crawfordsville, Ind.
HELMET babbitt metal, journal bearings, abrasive discs, oil & grease cup lubricators, pipe taps & drills—Chas. H. Besly & Co., 120 N. Clinton, Chicago, Ill.
HELMET belting & rubber hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
HELMET window reflectors—Curtis-Leger Fixture Co., 235 W. Jackson blvd., Chicago, Ill.
HELN dry batteries—Henry Wilhelm, 70 Frost, Brooklyn, N. Y.
HELOIS STINE sheet packing—Crandall Packing Co., Palmyra, N. Y.
HELPING HAND vegetable tongs—Hamblin & Russell Mfg. Co., Worcester, Mass.
HELPMATE milk bottle caps—Spahr Mfg. Co., 1423 Vine, Phila., Pa.
HELVA power & helve hammers—Novelty Iron Works Co., Dyersville, Ia.
HELVETIA leather—G. Groezinger's Sons, Lancaster, Pa.
HELWIG pneumatic tools—Helwig Mfg. Co., St. Paul, Minn.
HEMEKE canvas stitched belting—Manheim Mfg. & Belting Co., Manheim, Pa.
HEMM'S hay rack fixtures—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.
HEMOFAM electric sign flashers—S. H. Hoggson & Co., 27 Thames, New York
HEMP fuse—du Pont de Nemours & Co., E. I., Wilmington, Del.
HEMPEL'S gas analysis apparatus—Eimer & Amend, 205 3rd av, New York
HEMPEL'S gas analaysis apparatus—Emil Greiner Co., 55 Fulton, New York
HEMPHILL knitting machines—Acme Knitting Machine & Needle Co., Franklin, N. H.
HENCH & DROMGOLD potato diggers—Hench & Dromgold Co., York, Pa.
HENDERSHOT compression couplings—Valley Iron Works, Williamsport, Pa.
HENDERSON car signs—U. S. Electric Signal Co., West Newton, Mass.
HENDERSON roof brackets—A. P. Henderson, Assinippi, Mass.
HENDEY shaper centers, lathes, milling machines, turret attachments; vises—Hendey Machine Co., Torrington, Conn.
HENDRICK ice & refrigerating machines—Carbondale Machine Co., Carbondale, Pa.
HENDRYX mining agitators, cyanide plants—Hendryx Cyanide Machinery Co., 136 Liberty, New York
HENDRYX picture wire cords—Andrew B. Hendryx Co., New Haven, Conn.
HENGGI rail anchors & rail anti-creepers—P. & M. Co., 80 E. Jackson blvd., Chicago, Ill.
HENIS fruit presses—Silver & Co., 304 Hewes, Brooklyn, N. Y.
HENNEN'S calking putty—Weatherproof Calking Co., Minneapolis, Minn.
HENNEPIN iron & steel roofing—St. Paul Roofing Cornice & Ornament Co., St. Paul, Minn.
HENNEY spring wagons—Moline Plow Co., Moline, Ill.
HENNINGS steam & hot water heaters—Columbia Heater Co., Paterson, N. J.
HENRICI extractors—Lovewell-Henrici Co., Chelsea, Mass.
HENRY classifying screens—American Concentrator Co., Springfield, Ohio
HENRY flue & tube cleaners—Steam Appliance Co., Milwaukee, Wis.
HENRY grease cups—Henry Mfg. & Grease Cup Co., Terre Haute, Ind.
HENRY mining screens—Webb City & Cartersville Foundry & Machine Works, Webb City, Mo.
HENZEL fishing hooks—J. G. Henzel, 1313 S. Fairfield av, Chicago, Ill.
HERAEUS platinum thermometers—Hanovia Chemical & Mfg. Co., 233 N. J. R. R. av, Newark, N. J.
HERBERT alcohol stoves—Cassady-Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
HERBERT file testing & indicating machines—Olsen Tinius Testing Machine Co., 500 W. 12th, Phila., Pa.
HERBERT horse pokes—Lansing Co., Lansing, Mich.
HERBERT steam & hot water heaters—Herbert Boiler Co., 140 Root, Chicago, Ill.
HERCULEAN signal lamps—Dressel Railway Lamp Works, 3800 Park av, New York
HERCULES attrition mills—Barnard & Leas Mfg. Co., Moline, Ill.
HERCULES auto creepers, coaster wagons, flexible steel belt conveyors, tool racks, steel mats—La Porte Mat. & Mfg. Co., La Porte, Ind.

HERCULES automobile tire holders—Western Brass Mfg. Works, 2007 Marshall blvd, Chicago, Ill.
HERCULES bale ties—Baling Tie Buckle Co., Waterloo rd, Cleveland, Ohio.
HERCULES barn door rails—F. E. Myers & Bro., 800 Orange, Ashland, Ohio
HERCULES bed springs & motor hods—Cleveland Wire Spring Co., Cleveland, Ohio
HERCULES belt lacing—Hercules Mfg. Co., 2138 W. Van Buren, Chicago, Ill.
HERCULES belt lacing—Page Belting Co., Concord, N. H.
HERCULES belt punches—Peck, Snow & Wilcox Co., Southington, Conn.
HERCULES belting, hose, rubber matting, packing, tubing—Quaker City Rubber Co., 629 Market, Phila., Pa.
HERCULES blasting powder, dynamite, blasting machines & supplies—Hercules Powder Co., Wilmington, Del.
HERCULES can openers—Bradley & Farnham, Middlefield, Conn.
HERCULES can openers—Ellis Mfg. Co., Milldale, Conn.
HERCULES car bumping posts—John M. Scott & Sons, Racine, Wis.
HERCULES car jacks—J. G. Brill Co., 62nd & Woodland av, Phila., Pa.
HERCULES car movers—Marseilles Co., East Moline, Ill.
HERCULES casters—O. P. Schriver & Co., 621 E. Pearl, Cincinnati, Ohio
HERCULES chain—Columbus McKinnon Chain Co., Columbus, Ohio
HERCULES children's vehicles—Kirk-Latty Mfg. Co., W. & 5th (bet. Detroit & Madison avs.), Cleveland, Ohio
HERCULES closet seats—Becker Mfg. Co., Marietta, Ohio
HERCULES concrete building block & cement bag cleaning machinery—Century Cement Machine Co., Rochester, N. Y.
HERCULES concrete piles—Underpinning & Foundation Co., 290 Broadway, New York
HERCULES copper floats & air chambers—Hercules Float Works, 200 Franklin, Springfield, Mass.
HERCULES corn & cob mills—Wolf & Co., Chambersburg, Pa.
HERCULES door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
HERCULES dry batteries—National Carbon Co., Madison av W. N. & W. 117th, Cleveland, Ohio
HERCULES end cutting nippers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
HERCULES extension ladders—Spaulding Mfg. Co., Clinton, Me.
HERCULES extension scaffold ladders — Samuel Cupples Woodenware Co., 7th & Spruce, St. Louis, Mo.
HERCULES feed grinding mills—C. S. Bell Co., Hillsboro, Ohio
HERCULES fence pliers—L. A. Sayre & Co., 332 Mulberry, Newark, N. J.
HERCULES fence posts—F. P. Smith Wire & Iron Wks., 2340-48 Clybourn av, Chicago, Ill.
HERCULES fire proof columns—Pfaff & Kendall, Foundry, Newark, N. J.
HERCULES friction clutch pulleys—Sandy Hill Iron & Brass Works, Hudson Falls, N. Y.
HERCULES furnace cements—Cambria Paint & Color Co., Johnstown, Pa.
HERCULES hay carriers—Goshen Mfg. Co., Goshen, Ind.
HERCULES hay presses—J. A. Spencer, Dwight, Ill.
HERCULES hinges—Cleveland Lock Works, Cleveland, Ohio
HERCULES insulating paper—Standard Paint Co., 233 Broadway, New York
HERCULES iron bar & rod cutters, wire cutters, bar & plate shears—W. B. & C. F. Tucker, 516 Asylum, Hartford, Conn.
HERCULES lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
HERCULES mangles—Atlas Laundry Machinery Co., 6th & Baymiller, Cincinnati, Ohio
HERCULES metal punches—Chas. Morrill, 100 Lafayette, New York
HERCULES packing—Peerless Rubber Mfg. Co., 31 Warren, New York
HERCULES packing—Vulcan Asbestos Mfg. Co., Produce Exchange, New York
HERCULES packing & hose—Empire Tire & Rubber Corp., East Trenton, N. J.
HERCULES plows—Munnsville Plow Co., Munnsville, N. Y.
HERCULES post hole diggers—F. E. Kohler Co., Canton, Ohio
HERCULES post hole diggers—Seymour Mfg. Co., Seymour, Ind.
HERCULES rock crushers—Joshua Hendy Iron Works, 75 Fremont, San Francisco, Cal.
HERCULES roll paper trucks—Illinois Iron & Bolt Co., Carpentersville, Ill.
HERCULES roving cans—Jas. Hill Mfg. Co., 52 Westfield, Providence, R. I.
HERCULES sample cases—Fibre Specialty Mfg. Co., Kennett Square, Pa.
HERCULES screw drivers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
HERCULES shoe lasts & stands—Root-Heath Mfg. Co., Plymouth, Ohio
HERCULES solid weld chains—Columbus McKinnon Chain Co., Columbus, Ohio
HERCULES spark plugs—Eclipse Mfg. Co., Indianapolis, Ind.
HERCULES steel shipping barrels—Metal Barrel Co., Galesburg, Ill.
HERCULES step ladders—Geo. S. Fox, 139 N. 6th, Phila., Pa.
HERCULES strain insulators—Electric Railway Equipment Co., Cincinnati, Ohio
HERCULES stump pullers—Hercules Mfg. Co., Centerville, Ia.
HERCULES tire setters—Lourie Mfg. Co., Springfield, Ill.
HERCULES twist drills—Whitman & Barnes Mfg. Co., Akron, Ohio
HERCULES trucks—Illinois Iron & Bolt Co., Carpentersville, Ill.
HERCULES tug hooks—North & Judd Mfg. Co., New Britain, Conn.
HERCULES turbine water wheels—Holyoke Machine Co., Worcester, Mass.
HERCULES 2 IN 1 belt dressing—Hercules Mfg. Co., 2138 W. Van Buren, Chicago, Ill.
HERCULES vises—Bonney Vise & Tool Works, Allentown, Pa.
HERCULES water motors—Jno. W. Russell & Sons Co., Springfield, Mass.
HERCULES waterproofing materials—Hercules Waterproof Cement Co., Buffalo, N. Y.
HERCULES wheelbox presses—Lourie Mfg. Co., Springfield, Ill.
HERCULES wire rope & cables—A. Leschen & Sons Rope Co., 920 N. 1st, St. Louis, Mo.
HERCULES wire stapling machinery—A. Allen & Co., 200 Carpenter, Phila., Pa.
HERCULES EXTRA L. F. dynamite—Hercules Powder Co., Wilmington, Del.
HERCULES GELATIN L. F. dynamite—Hercules Powder Co., Wilmington, Del.
HERCULES L. F. dynamite—Hercules Powder Co., Wilmington, Del.
HERCULES RED LABEL blasting batteries—National Carbon Co., Madison av N. W. & W 117th, Cleveland, Ohio
HERKEN friction clutch pulleys—Minster Machine Co., Minster, Ohio
HER-K-ULES grab hooks—J. D. Street & Co., 809 N. 2nd, St. Louis, Mo.
HERMAN foundry molding machines—Herman Pneumatic Machine Co., Zelienople, Pa.
HERMASTIC paints—American Bitumastic Enamels Co., 17 Battery pl, New York
HERMETIC hot air furnaces—Lennox Furnace Co., Marshalltown, Ia.
HERM-I-SEAL roofing paints—Federal Process Co., Cleveland, Ohio
HERO clothes washing machines—Buckeye Churn Co., Sidney, Ohio
HERO combination pliers & nippers, gas pliers—Syracuse Twist Drill Co., Borden av, Syracuse, N. Y.
HERO corn cleaners, grain graders—Twin City Separator Co., Minneapolis, Minn.
HERO corn shellers—Mountville Mfg. Co., Mountville, Pa.
HERO door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
HERO drag sawing machines & feed grinding mills—Appleton Mfg. Co., Batavia, Ill.
HERO kerosene lamp burners—Edw. Miller & Co., Meriden, Conn.
HERO lawn sprinklers, engine & machine oilers, aluminum drinking cups—Hero Mfg. Co., Gaul & Adams, Phila., Pa.
HERO rubber hose—Empire Tire & Rubber Corp., East Trenton, N. J.
HERO waterproof belting—W. S. Nott Co., 2nd av N. & 3rd, Minneapolis, Minn.
HERON tips—Heron Mfg. Co., Utica, N. Y.
HERRESHOFF roasting furnaces—General Chemical Co., 25 B'way, New York
HERRESHOFF smelting furnaces—Nichols Copper Co., 25 Broad, New York

HERRICK grate bar—Geo. S. Herrick, Syracuse, N. Y.
HERRINGBONE expanded metal lath—General Fireproofing Co., Youngstown, Ohio
HERRINGBONE galvanized wall ties—Merwin Mfg Co., Erie, Pa.
HERSCHEL lawn mowers & sickel grinders—R. Herschel Mfg. Co., Peoria, Ill.
HERSHLER faultless ball cocks—Schild Specialty Co., 111 High, Cleveland, Ohio
HERZ magneto igniters—Herz & Co., 245 W. 55th, New York
HESS hot air furnaces, metallic lockers—Hess Warming & Ventilating Co., 1211 S. Western av, Chicago, Ill.
HESS iron flumes—Hardesty Mfg. Co., Denver, Colo.
HESS water closets—Chas. Hess Co., 96 Wall, New York
HESS-BRIGHT ball bearings—Hess-Bright Mfg. Co., Front & Erie av, Phila., Pa.
HESSION kerosene farm tillers—Hession Tiller & Tractor Corp., Buffalo, N. Y.
HESSLER rural mail boxes—H. E. Hessler Co., Syracuse, N. Y.
HESTERBERG blow-off valves—Queen City Brass & Iron Works, Cincinnati, Ohio
HESTON blow-off valves—Kennedy-Stroh Corp'n, Pittsburgh, Pa.
HETTRICK'S belting—Hettrick Mfg. Co., Toledo, Ohio
HEUGHES joist hangers & post caps—F. L. Heughes & Co., Rochester, N. Y.
HEVEA sheet packing—W. H. Salisbury & Co., 105 S. Wabash av, Chicago, Ill.
HEWITT motor fire engines—International Motor Co., 64th & West End av, New York
HEWLETT core making machines—Wm. Demmler & Bros., Kewanee, Ill.
HEX adjustable wrenches—Walworth Mfg. Co., 798 1st, Boston, Mass.
HEX dashboard clocks—A. N. Clark & Son, Plainville, Conn.
HEX padlock locks—W. S. Locke & Hardware Co., Columbia, Pa.
HEXAGON electric heaters & ovens—Schoar & Co., 1025 S. State, Chicago, Ill.
HEXAGON pipe joint compounds—Chester Graphite Co., Chester Springs, Pa.
HI-ART sheet steel ceilings—W. F. Norman Sheet Metal Mfg. Co., Nevada, Mo.
HIAWATHA guy anchors—Hallett Iron Works, Harvey, Ill.
HIBBS assayers' furnaces—J. & H. Berge, 95 John, New York
HI-CARBON case hardening compounds—Bell & Gossett, 609 W 30th, Chicago, Ill.
HICK rip saw machines—Woods Engineering Co., Alliance, Ohio
HICKORY children's vehicles—Martin & Heagy Mfg. Co., Elizabethtown, Pa.
HICKORY equalizers—Fort Smith Rim & Bow Co., Ft. Smith, Ark.
HICKORY farm wagons—Hackney Wagon Co., Wilson, N. C.
HICKORY IRON BOUND sewer mauls—Carl Stossell & Co., Front Royal, Va.
HICKORY NUT carriage wheels—Crane & MacMahon, 10 Bridge, New York
HICKS belt fasteners—E. Jencks Mfg. Co., Worcester, Mass.
HI-COMP piston rings—Continental Piston Ring Co., Memphis, Tenn.
HIDE roll feed cutters—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
HIGBIE oat cleaners—F. P. Smith Wire & Iron Work, 2340-48 Clybourn av, Chicago, Ill.
HIGGIN carriage fasteners—Higgin Mfg. Co., Newport, Ky.
HIGGIN steel anti-rattlers—Bauer Bros. Mfg. Co., Richmond & Carr, Cincinnati, Ohio
HIGGINS flue stops—Andrews Wire & Iron Works, Rockford, Ill.
HIGGINS picks—John C. Higgins, 812 W. Kinzie, Chicago, Ill.
HIGGINSON white cements & prepared mortar—Higginson Mfg. Co., Newburgh, N. Y.
HIGH GRADE electric motor & dynamos—Eck Dynamo & Motor Co., Belleville, N. J.
HIGH GRADE green soap—Columbus Chemical Co., 3725 Langley av, Chicago, Ill.
HIGH GRADE leather packing—Michigan Leather Packing Co., Detroit, Mich.
HIGH GRIP animal traps—Triumph Trap Co., Inc., Oneida, N. Y.
HIGHLAND cast iron pipe coatings—Highland Chemical Products Co., Connellsville, Pa.
HIGHLAND lawn mowers—Worcester Lawn Mower Co., Worcester, Mass.
HIGH LIFT feed carriers—Louden Machinery Co., Fairfield, Ia.
HIGH LOW JACK screws—West Haven Mfg. Co., West Haven, Conn.
HIGH PRESSURE brazing compound—National Rubber & Specialties Co., Cincinnati, Ohio
HIGH SHINE metal polish—Rath Mfg. Co., Headley & Richmond, Phila., Pa.
HIGH SPEED lawn mowers—Dille & McGuire Co., Richmond, Ind.
HIGH SPEED rivet spinning machines—Chas. Stecher Co., 1580 Crossing, Chicago, Ill.
HIGH TEST rubber hose—Empire Tire & Rubber Corp., East Trenton, N. J.
HIGHTON hot air registers—Wm. Highton & Sons Co., Nashua, N. H.
HIGRADE rubber bottles—Tyer Rubber Co., Andover, Mass.
HIGRADE steam & hot water heaters—Thatcher Furnace Co., 135 W. 35th
HI-HEAT packing—Revere Rubber Co., Chelsea, Mass.
HILDEBRANDT fishing tackle—John J. Hildebrandt Co., Logansport, Ind.
HILKER self-wringing mops, shoe cleaners, floor oils—Edw. Hilker Mop Co., 2614 W. Grand av, Chicago, Ill.
HILL automobile seats, wind shields—Hill Mfg. Co., 23 Fuller, Buffalo, N. Y.
HILL calf weaners, corn huskers, hog rings, hog tongs—Decatur Novelty Works, Decatur, Ill.
HILL cinder grinders—Eastern Machinery Co., New Haven, Conn.
HILL clothes dryers—Hill Clothes Dryer Co., Worcester, Mass.
HILL cold-saw cutting-off machines, boring tools, key seating tools, lathe tools, vises—Union Tool Co., Orange, Mass.
HILL collar oiling bearings—Hill Clutch Co., 1000 W. 58th, Cleveland, Ohio
HILL crank turning device—Hill-Standard Mfg. Co., Anderson, Ind.
HILL diagonal paper cutting machines—Rice, Barton & Fales Machine & Iron Co., Worcester, Mass.
HILL friction clutches—American Tool & Machine Co., 10 High, Boston, Mass.
HILL hog ringers & tongs—F. P. Smith & Co., Sharon Hill, Pa.
HILL hog rings—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.
HILL lathe dogs—Ready Tool Co., Bridgeport, Conn.
HILL pump valves & safety gauge glasses—Hill Pump Valve Co., Archer av, Canal & 23rd, Chicago, Ill.
HILL thread cutting tools—Van Doren Mfg. Co., Chicago Heights, Ill.
HILL tire air pumps—Judd & Leland Mfg. Co., Clifton Springs, N. Y.
HILL-CANTON cabinet hot air clothes dryers—Hill Clothes Dryer Co., Worcester, Mass.
HILL FOR DRILL PRESS drilling vises—Union Tool Co., Orange, Mass.
HILL HIGH SPEED cutting off tools—Union Tool Co., Orange, Mass.
HILLIARD friction clutches—Hilliard Clutch & Machinery Co., Elmira, N. Y.
HILLMAN automobile wind shields—Hillman Auto Supply Co., 98 Massachusetts av, Boston, Mass.
HILLOW draughting tables—F. O. Weydell, 12 S. Clinton, Chicago, Ill.
HILL I. X. X. X. roving cans—Jas. Hill Mfg. Co., 52 Westfield, Providence, R. I.
HILLS anvils—Millers Falls Co., 28 Warren, New York
HILLS hog ringers—Decker Mfg. Co., Keokuk, Iowa.
HILLS inside folding blinds—Union Blind & Ladder Co., Oakland, Cal.
HILLS log turners—Phoenix Mfg. Co., Eau Claire, Wis.
HILLS pipe threading dies—Walworth Mfg. Co., Boston, Mass.
HI-LO automobile horns—Premier Electric Co., 1123 S. Wabash av, Chicago, Ill.
HI-LO disc harrows—Ohio Cultivator Co., Bellevue, Ohio
HILO paint & varnish remover—Moller & Schumann Co., Marcy av, Brooklyn, N. Y.
HILSBOROUGH calcined plaster—J. B. King & Co., 17 State, New York
HILTON carpet beaters—Fernald Mfg. Co., North East, Pa.
HILTS adjustable chain wrenches—Hilts Wrench & Mfg. Co., Richford, N. Y.
HINDLEY gears & screw—Hindley Gear Co., 1005 Frankford av, Phila., Pa.
HINDLEY worm gears—Albro-Clem Elevator Co., Phila., Pa.

HINDLEY worm gears—Boston Gear Works, Quincy, Mass.
HINDOSTAN oil & water stones—Scranton Whetstone & Abrasive Wheel Co., Scranton, Pa.
HINE'S eliminators, steam separators, oil extractors—Jas. L. Robertson & Sons, 78 Murray, New York
HINGE-STAY-ON door hangers—G. A. Swineford Co., Canton, Ohio
HINMAN bench shears—D. A. Hinman & Co., Sandwich, Ill.
HINMAN iron flumes—Vulcan Sheet Metal Co., Denver, Colo.
HINMAN station meters—D. McDonald & Co., Albany, N. Y
HINMAN station meters—Nathaniel Tufts, Meter Co., 455 Commercial, Boston, Mass.
HINSDALE screw drivers, screw driver bits—C. E. Jennings & Co., 71 Murray, New York
HINSON automobile belts—C. & B. Hinson Co., 1511 Chase, Cincinnati, Ohio
HINSON car brakes, car couplers, draft gear, emergency steel knuckles—National Car Coupler Co., 332 S. Michigan av, Chicago, Ill.
HI-PO dry batteries—Lincoln Electric Co., 149 Broadway, New York
HIPPO belting—J. Bachmann & Co., 16 Reade, New York
HIPPO belting, belt cements—Reed & Duecker, Memphis, Tenn.
HIPPO paints & waterproofing material—American Chemical & Mfg. Co., Norfolk, Va.
HIPPO rubber belting, rubber hose & oiled clothing—Goodyear Rubber Co., 539 Mission, San Francisco, Cal.
HIRAM cultivators—Rockford Mfg. Co., Rockford, Ill.
HIRED HAND gasoline engines—Associated Mfrs. Co., Waterloo, Iowa
HIRED MAN gasoline engines—Associated Mfrs. Co., Waterloo, Iowa
HIRSCH miners' lamps—Hirsch Electric Mine Lamp Co., 227 N. 23rd, Phila., Pa.
HIRSH root cutters—Hirsh Bros., 267 Reed, Milwaukee, Wis.
HISEY electric drills & grinders—Hisey-Wolf Machine Co., Cincinnati, Ohio
HI-SPE bronze metal bearings—Star Brass Works, Kansas City, Mo.
HI-SPEED water supply pumps—Gould Mfg. Co., 71 Falls, Seneca Falls, N. Y.
HIST'S potato diggers—Akron Cultivator Co., Akron, Ohio
HI-STEAM packing—Steel Mill Packing Co., 42 Larned av, Detroit, Mich.
HITCHCOCK potato diggers—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
HI-TEST rubber gloves—Faultless Rubber Co., Ashland, Ohio
HI-UP dry batteries—Manhattan Electric Supply Co., 17 Park pl, New York
HIVOL insulator pins—Electrical Material Co., 618 W. Jackson blvd., Chicago, Ill.
HI-VOLTAGE rubber gloves—Faultless Rubber Co., Ashland, Ohio
HYORTH bent nose pliers—Wm. Hyorth & Co., Jamestown, N. Y.
HJORTH marking machines—Hjorth Lathe & Tool Co., 27 School, Boston, Mass.
HOADLEY snow shovels—B. W. Aldrich & Co., Wallingford, Vt.
HOAG dusters & dust cloths—Hoag Duster Co., Monticello, Ia.
HOBART electric & gasoline coffee & bone mills—Hobart Mfg. Co., Troy, Ohio
HOBO riding cultivators—Roderick Lean Mfg. Co., Mansfield, Ohio
HOBO storage batteries—Hoosier Storage Battery Co., Evansville, Ind.
HOCKEY ice skates—Nestor Johnson, 1237 N. California av, Chicago, Ill.
HOCKING Valley feed cutters—Hocking Valley Mfg. Co., Lancaster, Ohio
HODELL flat link hammock chains—Cleveland Galvanizing Works Co., 3924 Cooper av, Cleveland, Ohio
HODGES loose pulley oilers—McNab & Harlin Mfg. Co., 55 John, New York
HODGES & CRAVERS grain headers—Acme Harvesting Machine Co., Peoria, Ill.
HODGMAN carriage robes—Hodgman Rubber Co., 8 W. 40th, New York
HOEFER bench drilling machines—Hoefer Mfg. Co., Freeport, Ill.
HOERLEIN bakers' gas stoves—F. G. Hoerlein, 200 Nostrand av, Brooklyn, N. Y.
HOERR car doors & fittings, draft gear, fish hook plates—Western Railway Equipment Co., Central Natl. Bank bldg., St. Louis, Mo.
HOEVEL sand blast machines—Hoevel Mfg. Corp., 50 Church, New York
HOFFITE asbestors flooring & fireproof paint—John D. Hoff Asbestos Co., Monadnock bldg., San Francisco, Cal.
HOFFITE ASBETOS fireproof paints, stucco & wall boards—John D. Hoff Asbestos Co., Monadnock bldg., San Francisco, Cal.
HOFFITE PLASTIC asbestos roofing & building lumber—John D. Hoff Asbestos Co., Monadnock bldg., San Francisco, Cal.
HOFFMAN back pressure valves & steam traps—B. Hoffmann Mfg. Co., Milwaukee, Wis.
HOFFMAN clothes pressing machines—U. S. Hoffman Co., Syracuse, N. Y.
HOFFMAN thermostat valves & automatic heaters—Hoffman Heater Co., Lorain, Ohio
HOGGSON time stamps—S. H. Hoggson & Co., 27 Thames, New York
HOHMANN-TYPE thermometers—C. J. Tagliabue Mfg. Co., 18 33d, Brooklyn, N. Y.
HOHNER harmonicas—M. Hohner, 114 E. 16th, New York
HOJOCA water closets—Haines, Jones & Cadbury Co., 1140 Ridge av, Phila., Pa.
HOKE traction engines—Hoke Tractor Co., South Bend, Ind.
HOLCKER-ELBERG automobile wind shields—Holcker-Elberg Mfg. Co., Kansas City, Mo.
HOLD-EM rat traps—Worcester Wire Novelty Co., Baltimore, Md.
HOLDEN coal & gas heaters—Knight & Jillson Co., Indianapolis, Ind.
HOLDFAST carpet beaters—Steinfeld Bros., 116 W. 32nd, New York
HOLDFAST clothes line hooks—Tie Co., Unadilla, N. Y.
HOLD FAST clothes pins—Demeritt Co., Waterbury, Vt.
HOLDFAST hame fasteners & harness snaps—Covert Mfg. Co., Troy, N. Y.
HOLDFAST hedge shears—Jos. F. McCoy Co., 157 Chambers, New York
HOLDFAST lamp guards—Doubleday-Hill Electric Co., 719 Liberty, Pittsburgh, Pa.
HOLDFAST lamp guards—W. N. Matthews & Bro., 3722 Forest Park blvd., St. Louis, Mo.
HOLDFAST match safes—Hess & Son, Phila., Pa.
HOLDFAST paste—National Insulating & Mfg. Co., Indianapolis, Ind.
HOLD FAST tap wrenches—West Haven Mfg. Co., West Haven, Conn.
HOLDFAST tire fluid—Buffalo Specialty Co., 375 Ellicott, Buffalo, N. Y.
HOLDFAST window casement adjusters—Casement Hardware Co., 9 S. Clinton, Chicago, Ill.
HOLD TIGHT iron & steel filler cements—Turner, J. S., Mfg. Co., Lowell, Mass.
HOLETITE spiral packing—Quaker City Rubber Co., 629 Market, Philadelphia, Pa.
HOL-KEN switch boxes—Geo. H. Rice Co., 481 Sterling pl, Brooklyn, N. Y.
HOLLAND draft springs—D. F. Tanner, Holland, N. Y.
HOLLAND flexible joints—Barco Brass & Joint Co., 212 W. Illinois, Chicago, Ill.
HOLLAND hot water heaters—American Radiator Co., 830 S. Michigan av, Chicago, Ill.
HOLLAND sheet cutters—Holland Trolley Supply Co., 1623 E. 43rd, Cleveland, Ohio
HOLLANDS vises—Hollands Mfg. Co., 352 E. 18th, Erie, Pa.
HOLLERITH tabulating machines—Tabulating Machine Co., 1054 31st, Washington D. C.
HOLLEY carbureters—Holley Bros. Co., 145 Mellis av E, Detroit, Mich.
HOLLIDAY reversing marine gears—Kuehl Bros., 1818 Milwaukee av, Chicago, Ill.
HOLLINGSHEAD lubricating oils & greases, carriage top dressing, patent leather enamels, oil soap—R. M. Hollingshead Co., Camden, N. J.
HOLLO WEIS steel window frame—Henry Weis Cornice Co., Kansas City, Mo.
HOLLOW CABLE lightning rods—Hollow Cable Mfg. Co., Hornell, N. Y.
HOLLY farm wagons—Patterson Mfg. Co., Holly, Mich.
HOLLY steam meters & steam traps—American District Steam Co., North Tonawanda, N. Y.
HOLLY wire glass, glass floor plate—Western Glass Co., Streator, Ill.
HOLLYWOOD blotting paper—Albemarle Paper Mfg. Co., Richmond, Va.

HOLM tapping attachments—Whitney Mfg. Co., Hartford, Conn.
HOLMAN pneumatic rock drills—Mine & Smelter Supply Co., 42 Broadway, New York
HOLMES bung boring machines—E. & B. Holmes Machinery Co., Buffalo, N. Y.
HOLMES little giant tractors—Holmes Tractor Co., Port Clinton, Ohio
HOLMES mine hoists—Robt. Holmes & Bros., Danville, Ill.
HOLOPHANE glass shades & reflectors—Holophane Glass Co., 340 Madison av, New York
HOLOSHADE standard sockets—H. T. Paiste Co., 32nd & Arch, Phila., Pa.
HOLT engine starters—Holt Electric Co., 379 S. Pierce, Milwaukee, Wis.
HOLT farm boilers—Holt Mfg. Co., Stockton, Cal.
HOLT pattern saw sets—L. A. Sayre & Co., 332 Mulberry, Newark, N. J.
HOLT saw sets—G. L. Holt Co., Hartford, Conn.
HOLT suction strainers—Rosedale Foundry & Machine Co., Pittsburgh, Pa.
HOLTON cutting-off machines—Etna Machine Co., Toledo, Ohio
HOLTS lightning hay knives—Dunn Edge Tool Co., Oakland, Me.
HOLTS IMPROVED DOVER egg & cream beaters—Holt-Lyon Co., Tarrytown, N. Y.
HOLYOKE fire hydrants—Norwood Engineering Co., Florence, Mass.
HOMASOTE fibre & wall boards—Pantasote Co., 11 Broadway, New York
HOME carpet sweepers—Santo Vacuum Cleaner Co., 820 6th av, New York
HOME cobblers' outfits—Root-Heath Mfg. Co., Plymouth, Ohio
HOME glue pots—Reading Saddle & Mfg. Co., Reading, Pa.
HOME lubricating oils—Buffalo Specialty Co., 375 Ellicott, Buffalo, N. Y.
HOME—medical batteries—Manhattan Electrical Supply Co., 17 Park pl, New York
HOME mops—C. H. Ellert, Evansville, Ind.
HOME nut crackers & picks—Schroeter Bros. Hdw. Co., 719 Washington av, St. Louis, Mo.
HOME COMFORT lawn swings—H. C. Canfield, Batesville, Ind.
HOME GUARD fire extinguishers—Knight & Thomas (Inc.), 212 Summer, Boston, Mass.
HOME-KISSED curtain stretchers, ironing boards—Holmquist & Co., W. 35th & S. Maplewood av, Chicago, Ill.
HOMESTEAD steam heaters—H. B. Smith Co., Westfield, Mass.
HOME VICTOR water heaters—S. V. Reeves, 45 N. 2d, Phila., Pa.
HOMESTEAD lawn mowers—Worcester Lawn Mower Co., Worcester, Mass.
HOMESTEAD locking cocks—Homestead Valve Mfg. Co., Pittsburgh, Pa.
HOMESTEAD natural gas burners—Lawson Mfg. Co., Homestead, Pa.
HOMOGEN case hardening compounds—Case Hardening Service Co., 1390 W. 10th, Cleveland, Ohio
HONEST JOHN neck yokes & neck yoke centers—Racine General Mfg. Co., Racine, Wis.
HONEST JOHN packing—Peerless Rubber Mfg. Co., 31 Warren, New York
HONEYCOMB mitre boxes—Rockford Mitre Box Co., Rockford, Ill.
HONEYCOMB water cooling radiators—Detroit Auto Specialty Co., 909 Greenwood av, Detroit, Mich.
HONEYCOMB water cooling radiators—Fedders Mfg. Co., Buffalo, N. Y.
HONEYWELL damper regulators & hot water radiator valves—Honeywell Heating Specialty Co., Wabash, Ind.
HOOD stove pipe dampers—Hood Furnace & Supply Co., Corning, N. Y.
HOO-HOO babbitt metal—More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.
HOO-HOO saw guides—Reed Hardware & Mfg. Co., Cairo, Ill.
HOOKER air compressors & pumps—Reliance Machine & Tool Works, Channing & Franklin av, St. Louis, Mo.
HOOKER fire hydrants—McKim Foundry & Machine Co., Lockport, N. Y.
HOOPER rural mail boxes—Jno. F. Heine & Son, Hooper, Neb.
HOOPES bridges—Leeds & Northrup Co., Stenton av, Gtn., Phila., Pa.
HOOSIC corn poppers—Chas. M. Dorr Co., Hoosick Falls, N. Y.
HOOSIER calf weaners—Carroll Muzzle Co., Carroll, Ia.
HOOSIER corn planters—International Harvester Company of America (Inc.), Harvester bldg, Chicago, Ill.
HOOSIER disc furrowing attachments—American Seeding Machine Co., Richmond, Ind.
HOOSIER kitchen cabinets—Hoosier Mfg. Co., New Castle, Ind.
HOOSIER lawn sprinklers—Elkhart Brass Mfg. Co., Elkhart, Ind.
HOOSIER saw bucks—Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
HOOSIER steam engine governors & rip saw machines—Sinker-Davis Co., Indianapolis, Ind.
HOOSIER tractor engines—Leo Rumely Tractor Co., La Porte, Ind.
HOOSIER vacuum cleaners & carpet sweepers—Peoria Can Co., Peoria, Ill.
HOOSIER wagon skeins—American Skein & Foundry Co., Racine, Wis.
HOOVER potato diggers—Hoover Mfg. Co., Avery, Ohio
HOOVER vacuum carpet sweepers—Hoover Suction Sweeper Co., New Berlin, Ohio
HOOVER PERFECT automobile springs—Hoover Spring Co., 617 Turk, San Francisco, Cal.
HOOZIER calf weaners—Barbee Wire & Iron Works, 170 N. Dearborn, Chicago, Ill.
HOPACO packing—Hollow Center Packing Co., 608 S. Dearborn, Chicago, Ill.
HOPEDALE warpers—Draper Corp., Hopedale, Mass.
HOPKINS hydrant wrenches—Chas. E. Berry, Somerville, Mass.
HOPKINS typewriters—Moon-Hopkins Billing Machine Co., 2235 O'Fallon, St. Louis, Mo.
HOPKINS wrapping paper—New York Roll Wrapping Paper Co., 84 Beekman, New York
HOPPEN grindstone boxes & frames & grindstone truing device—J. E. Hoppen & Sons, Belleville, N. J.
HOPPER can openers—Wrightsville Hardware Co., Wrightsville, Pa.
HOP RIVER chair seats—National Seat & Novelty Mfg. Co., Hop River, Conn.
HOPSON steam & hot water heaters—Hopson & Chapin Mfg. Co., New London, Conn.
HOP TOAD hose—Empire Tire & Rubber Corp., East Trenton, N. J.
HORNBRO surgical elastic hosiery—W. H. Horn & Bro., 431 N. 3rd, Phila., Pa.
HORN FIBRE boot & shoe fibre—Rogers Fibre Co. (Leatheroid Mfg. Co.), 120 Beach, Boston, Mass.
HORNSBURG hot air furnaces—Harrisburg Mfg. & Boiler Co., Harrisburg, Pa.
HORNSBY-AKROYD oil engines—De La Vergne Machine Co., ft. E. 138th, New York
HORROCK winders—F. A. & P. Hall, Lawrence, Mass.
HORSCHITZ slip meters—James G. Biddle, 1211 Arch, Phila., Pa.
HORSEHEAD oxide of zinc—New Jersey Zinc Co., 55 Wall, New York
HORSEHEAD spelter—New Jersey Zinc Co., 55 Wall, New York
HORSELINE lubricating oils & greases—R. J. Kanter Co., 647 Water, New York
HORSESHOER anvils—Fisher & Norris, Trenton, N. J.
HORSESHOE MAGNET tack hammers—Arthur R. Robertson, 144 Oliver, Boston, Mass.
HORSESHOE cement—Louisville Cement Co., Louisville, Ky.
HORSFIELD tap wrenches—S. W. Card Mfg. Co., Mansfield, Mass.
HORSLEY flanged boiler nozzles—Jos. T. Ryerson & Son, 2558 W. 16th, Chicago, Ill.
HORTON drill chucks—E. Horton & Son Co., Windsor Locks, Conn.
HORTON washing machines—Horton Mfg. Co., Fort Wayne, Ind.
HOSKINS electric furnaces—Hoskins Mfg. Co., Detroit, Mich.
HOSPITAL absorbent cotton—Maplewood Mills, Fall River, Mass.
HOSPITAL plasterers' steel beads—Union Metal Corner Co., 18 Heath, Boston, Mass.
HOT blast blow torches—Turner Brass Works, Sycamore, Ill.
HOTAKOLD vacuum bottles—Vacuum Specialty Co., 200 5th av, New York
HOTCHKISS boiler flue & tube cleaners—Leonard & McCoy, 161 Washington, New York
HOTCHKISS curb forms—Hotchkiss Metal Form Co., Binghamton, N. Y.
HOT HOUSE hose nozzles—Boston Woven Hose & Rubber Co., Cambridge, Mass.
HOT POINT electric sad irons—Edison Electric Appliance Co. (Hotpoint Div.), 5600 W. Taylor, Chicago, Ill.

HOT SHOT spark plugs—K-W Ignition Co., Chester av & E 30th, Cleveland, Ohio
HOT SPARK spark plugs—Guarantee Tire & Rubber Co., Indianapolis, Ind.
HOT STUFF lubricators—Michigan Lubricator Co., Detroit, Mich.
HOT STUFF tank heaters—Butler Co., Butler, Ind.
HOTTENTOT gas ranges—Eriez Stove & Mfg. Co., Erie, Pa.
HOUCHIN'S alcohol stoves, gas lighters, faucet filters, insect guns—Thos. W. Houchin Co., 36 E. 12th, New York
HOUGHTALING reducing motions—Ashcroft Mfg. Co., 119 W. 40th, New York
HOUGHTOLARD cutting oils—E. F. Houghton & Co., 240 W. Somerset, Phila., Pa.
HOUGHTON oil filters, case hardening compounds, disinfectants—E. F. Houghton & Co., 240 Somerset, Phila., Pa.
HOUSATONIC bond paper—B. D. Rising Paper Co., Housatonic, Mass.
HOUSE cold tire setters—House Cold Tire Setter Co., 4143 Laaclede, St. Louis, Mo.
HOUSEHOLD gas ranges—White-Warner Co., Taunton, Mass.
HOUSEHOLD rat traps—Lovell Mfg. Co., Erie, Pa.
HOUSON lock deck plates—Wilcox, Crittenden & Co., Middletown, Conn.
HOUSTON locomotive sanders—United States Metallic Packing Co., 423 N. 13th, Phila., Pa.
HOUSTON vacuum cleaners—American Radiator Co., 820 Michigan av, Chicago, Ill.
HOUTS axle grease & soap powders—Cortland Specialty Co., Cortland, N. Y.
HOVELAND tile ditching machines—St. Paul Machinerey Mfg. Co., Como & Marion, St. Paul, Minn.
HOVEYS calcined plasters—Grand Rapids Plaster Co., Grand Rapids, Mich.
HOVEYS EAGLE calcined plaster—Grand Rapids Plaster Co., Grand Rapids, Mich.
HOWARD damper regulators—Howard Thermostat Department of Steam Carriage Boiler Co., Oswego, N. Y.
HOWARD dusters, floor brushes & dust cloths—Howard Dustless Duster Co., 290 Franklin, Boston, Mass.
HOWARD electric watchman clocks—E. Howard Clock Co., Bramfield & Washington, Boston, Mass.
HOWARD hot air furnaces—International Heater Co., Utica, N. Y.
HOWARD self-oiling hangers—Olney & Warrin, 406 Broome, New York
HOWARDS asphalt roofing & sheet roofing fasteners—Usona Mfg. Co., Aurora, Ill.
HOWARDS benzoic acid & caffeine—National Aniline & Chemical Co., 21 Burling Slip, New York
HOWARDS swinging hose reels—H. J. M. Howard Mfg. Co., 150 Pierce, N. W., Washington, D. C.
HOWARTH sash centers—Michigan Engine Valve Co., 115 Columbia av, Detroit, Mich.
HOWE bull chains—Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av, & P. & R. R. Ry., Phila., Pa.
HOWE comealongs, jack-straps—Dicke Tool Co., Downers Grove, Ill.
HOWELL lath mills & bolters—R. R. Howell & Co., Minneapolis, Minn.
HOWELL'S NO. 50 emulsion oils—Jamaica Dyewood & Chemical Co., 50 Church, New York
HOWES fishing bait—Vacuum Bait Co., North Manchester, Ind.
HOWES ranges—S. M. Howes Co., 40 Union, Boston, Mass.
HOWLAND oil cans & pump & valve oilers—Maple City Mfg. Co., Monmouth, Ill.
HOWLAND steam traps—Oliver & Howland Co., Springfield, Mass.
HOY potato diggers—Ireland & Helfrich, Spencerport, N. Y.
HOYT gauge cocks—Rich Mfg. Co., 370 Atlantic av, Boston, Mass.
HOYT belting & belt cements—E. R. Ladew Co., 54 Franklin, New York
HOYT'S clothes pins—J. R. Clark & Co., Minneapolis, Minn.
HOYTT gauge cocks—Star Brass Mfg. Co., 108 E. Dedham, Boston, Mass.
HUB Christmas tree holders—John Donnelly, Branford, Conn.
HUB faucet cans—Sexton Can Co., 228 Franklin, Boston, Mass.
HUB fountain pen—Davidson Rubber Co., Boston, Mass.
HUB friction clutches—American Tool & Machine Co., 10 High, Boston, Mass.
HUB plasterers' steel beads—Union Metal Corner Co., 18 Heath, Boston, Mass.
HUB key-seating machines—Novelty Iron Works, Dyersville, Ia.
HUB mill baskets, sample cases, store trucks—Josiah Cummings & Sons, 657 Atlantic av, Boston, Mass.
HUB never drip strainers—Hamblin & Russell Mfg. Co., Worcester, Mass.
HUB packing—Geo. W. Knowlton Rubber Co., 60 Pearl, Boston, Mass.
HUB ranges & steam & hot water heaters—Smith & Anthony Co., 52 Union, Boston, Mass.
HUB step ladders—Reiley Bros. Ladder Co., 324 W. 41st, New York
HUB switch stands—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.
HUB water filters—Jones Mfg. Co., 243 Franklin, Boston, Mass.
HUBBARD axes—American Axe & Tool Co., Glassport, Pa.
HUBBARD chain pull sockets—Harvey Hubbell (Inc.), Bridgeport, Conn.
HUBBARD door bumpers, coat hooks, door & window bolts, harness snaps, paper school rulers, picture hooks, steel butt hinges, tack claws & pullers—Lumely & Denly Co., Ashtabula, Ohio
HUBBARD shovels, spades & scoops—Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
HUBBARD'S road planers—Puffer-Hubbard Mfg. Co., Minneapolis, Minn.
HUBBELL electric lamp flashlights & electric safety lamps—Portable Electric Safety Light Co., 10 Johnson, Newark, N. J.
HUBBELL shade holders—Harvey Hubbell (Inc.), Bridgeport, Conn.
HUB-DOME electric bells—Holtzer-Cabot Electric Co., 125 Amory, Boston, Mass.
HUBER asbestos table padding—Asbestos Fibre Spinning Co., North Wales, Pa.
HUBER night latches—Huber Mfg. Co., 417 E. 93d, New York
HUBER LIGHT 4 traction & gasoline engines—Huber Mfg. Co., Marion, Ohio
HUBLER DAYTON storage batteries—Dayton Electrical Mfg. Co., Dayton, Ohio
HUDFORD truck units—Commercial Car Unit Co., 16th & Glenwood, Phila., Pa.
HUDSON asphalt felts & slate surface shingles—Asphalt Ready Roofing Co., 9 Church, New York
HUDSON belting—Mercer Rubber Co., Hamilton, N. J.
HUDSON bicycles—Miami Cycle & Mfg. Co., Middletown, Ohio
HUDSON exhaust heads—Abendroth & Root Mfg. Co., Newburgh, N. Y.
HUDSON hose menders—Hudson Hose Mender Co., Melrose, Mass.
HUDSON hose mender—Hudson Parer Co., Leominster, Mass.
HUDSON reclaimed rubber—U. S. Rubber Reclaiming Works, 42nd st bldg., New York
HUDSON reclaimed rubber—Nearpara Rubber Co., Trenton, N. J.
HUDSON steam & hot water heaters—Hudson Boiler Mfg. Co., 359 W. 42nd., New York
HUDSON waste baling presses—Hazen Mfg. Co., Hudson, Mich.
HUDSON water heaters—Abendroth Bros., Port Chester, N. Y.
HUDSONIL packing gaskets—Danubil Co., Inc., Postal Telegraph bldg., New York
HUDSON RIVER garden barrows—McWhinnie, Thos., Poughkeepsie, N. Y.
HUDSON'S fry pans—Northwestern Stamping Co., Burlington, Ia.
HUFF ore concentrators & separators—Huff Electrostatic Separator Co., 60 India, Boston, Mass.
HUFFER spring hinges—N. R. Streeter & Co., Rochester, N. Y.
HUGHES electric cooking apparatus & electric ranges—Hughes Electric Heating Co., 5660 W. Taylor, Chicago, Ill.
HUGHES gas producers—Wellman-Seaver-Morgan Co., Cleveland, Ohio
HUGHES universal electric arc lamps—Hughes Universal Arc Lamp Co., 628 Race, Phila., Pa.
HUGHLETT can lacquering machines—Seeley Bros., Blaine, Wash.
HUGHSON pump governors—Illinois Engineering Co., 502 S. State, Chicago, Ill.
HUG-IT belt dressing—Hinds & Coon, 126 Pearl, Boston, Mass.
HUGO steel clamps—Norfolk Mfg. Co., Norfolk, Conn.
HUG-TIGHT belt dressing—Codd Tank & Specialty Co., 406 W. Camden, Baltimore, Md.
HUGTITE lock-nuts & washers—United Nut Lock Co., Springfield, Mass.

HULETT buckets, car dumpers, vessel unloaders, coal & ore handling machinery—Wellman-Seaver-Morgan Co., Cleveland, Ohio
HUMANE horse cleaners—Harsh-Miller Mfg. Co., Wabash, Ind.
HUMANE horse collars—Powers Mfg. Co., Waterloo, Iowa
HUMANE currycombs—F. E. Kohler Co., Canton, Ohio
HUME JUNIOR traction engines—Hume Mfg. Co., Hume, Ill.
HUMIDOUS cigar humidifiers—Hawthorne Mfg. Co., Bridgeport, Conn.
HUMIGARS cigar humidifiers—Bishop-Babcock-Becker Co., Cleveland, Ohio
HUMMER barn door hangers—Lawrence Bros., Sterling, Ill.
HUMMER bench grinders—Luther Grinder Mfg. Co., 285 So. Water, Milwaukee, Wis.
HUMMER cultivators & plows—Racine-Sattley Co., Springfield, Ill.
HUMMING BIRD kitchen sets—Cassady, Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
HUMP fire hose reels—Wirt & Knox Mfg. Co., 22 N. 4th, Phila., Pa.
HUMPHREY crushing rolls—Colorado Iron Works Co., Denver, Colo.
HUMPHREY gas arc lamps & incandescent gas mantles—General Gas Mantle Co., Camden, N. J.
HUMPHREY wire & drawing machines & root cutters—Humphrey & Sons, Joliet, Ill.
HUNGERFORD water filters—Hungerford & Terry (Inc.), Penna. bldg., Phila., Pa.
HUNT axes—American Axe & Tool Co., Glassport, Pa.
HUNT cars, conveyors, switches, turntables, storage battery trucks—C. W. Hunt Co., Inc., West New Brighton, Staten Island, N. Y.
HUNT push pins—Roeti-Hunt Corp., Putnam, Conn.
HUNT transformer, oil dryer & purifier & transformer oils—Edward J. Hunt, 707 Ordway bldg., Newark, N. J.
HUNTER currycombs—Wisconsin Metal Products Co., Racine, Wis.
HUNTER'S carbureters—Vincennes Motor Mfg. Co., Vincennes, Ind.
HUNTER'S flour sieves—Fred. J. Meyers Mfg. Co., Hamilton, Ohio
HUNTER'S steam & hot water heaters—Jas. Hunter, Albany, N. Y.
HUNTINGBURG farm wagons—Huntingburg Wagon Works, Huntingburg, Ind.
HUNTINGTON emery wheel dressers—Burgess-Norton Mfg. Co., Geneva, Ill.
HUNTINGTON emery wheel dressers—Chicago Wheel & Mfg. Co, 1101 Monroe, Chicago, Ill.
HUNTINGTON emery wheel dressers—Curtin-Herbert Co., Gloversville, N. Y.
HUNTINGTON emery wheel dressers—Desmond-Stephen Mfg. Co., Urbana, Ohio
HUNTINGTON emery wheel dressers—North Wales Machine Co., North Wales, Pa.
HUNTINGTON emery wheel dressers—Peninsular Emery Wheel Co., Detroit, Mich.
HUNTINGTON emery wheel dressers—Warren Axe & Tool Co., Warren, Pa.
HUNTINGTON emery wheel dressers—William Williams, Jr., New Britain, Conn.
HUNTINGTON COLLMER emery wheel dressers—Collmer Bros., South Bend, Ind.
HUNTINGTON track gauges—Aldon Co., 3338 W. Ravenswood av, Chicago, Ill.
HUNT-McCORMICK turbine water wheels—Rodney Hunt Machine Co., Orange, Mass.
HUNTON brake beams—Joliet Railway Supply Co., Joliet, Ill.
HUNTOON bridle bits—Upton & Gilman Machine Co., Lowell, Mass.
HUNT-SPILLER gun metal castings—Hunt-Spiller Mfg. Corpn., 383 Dorchester av, Boston, Mass.
HURD axes—American Axe & Tool Co., Glassport, Pa.
HURIUP gasoline funnels—F. Cortez Wilson & Co., 323 W. Lake, Chicago, Ill.
HURLBURT lock deck plates—Wilcox, Crittenden & Co., Middletown, Conn.
HURLEY FREEMAN tube cleaners—Jarecki Mfg. Co., Erie, Pa.
HURLUP gasoline funnels—A. C. Kraft, 323 W. Lake, Chicago, Ill.
HURON cement—Huron Portland Cement Co., Detroit, Mich.
HURON oil & grease cups—Detroit Shipbuilding Co., Detroit, Mich.
HURON alloy tool steel—Ludlum Steel Co., Watervliet, N. Y.
HURRICANE electric fans—Eck Dynamo & Motor Co., Belleville, N. J.
HURRICANE textile dryers, carbonizers & scouring, skein dyeing machines, singeing machines, screw presses—Philadelphia Drying Machinery Co., 6721 Germantown av, Phila., Pa.
HURRICANE tube cleaners—Jas. L. Robertson & Son, 78 Murray, New York
HURRY dryers—Columbia Mfg. Co., Columbia, Pa.
HURT broom cutters & broom sizers—Alphonso Walrath Co., Fort Plain, N. Y.
HURWOOD screw drivers, awls, ice picks—Stanley Rule & Level Co., New Britain, Conn.
HUSSEY spring tooth harrows—Hussey Plow Co., N. Berwick, Me.
HUSTLER ash sifters—Hill Clothes Dryer Co., 40 Central, Worcester, Mass.
HUSTLER sled cultivators—Ohio Cultivator Co., Bellevue, Ohio
HUSTON pressed steel boiler saddles—Lukens Iron & Steel Co., Coatesville, Pa.
HUSYBINS crucible bar & crucible sheet steel—Hussey-Binns Steel Co., Bessemer bldg, Pittsburgh, Pa.
HUTTER porcelain stoppers—Karl Hutter, 241 Lafayette, New York
HYATT shafting boxes—Hyatt Roller Bearing Co., Harrison, N. J.
HYCALIBRE waterproof belting—Consolidated Belting Co., Chester, Pa.
HYCAP-EXIDE storage battery cars—J. G. Brill Co., 62nd & Woodland av, Phila., Pa.
HYDE water tube boilers—Hyde Bros. & Co., Commonwealth bldg, Pittsburgh, Pa.
HYDE'S horseshoers' vises—New London Vise Works, New London, Conn.
HYDRAERAM—Water Supply System, Deming Co., Salem, O.
HYDRATOR lime hydrating machinery—American Hydrating Co., Md. Trust bldg., Baltimore, Md.
HYDREX burlap & waterproofing materials—Hydrex Felt & Engineering Co., 120 Liberty, New York
HYDRO chronographs—Hydro Mfg. Co., Bullitt bldg., Phila., Pa.
HYDRO gas meters—Bacharach Industrial Instrument Co., Pittsburgh, Pa.
HYDRO rubber hose—Republic Rubber Co., Youngstown, Ohio
HYDRO-CARBONITE roofing paints—Monarch Paint Co., Cleveland, Ohio
HYDROCIDE waterproofing materials—L. Sonneborn Sons, 262 Pearl, New York
HYDRODUCT iron flumes—Hinman Hydraulic Mfg. Co., Denver, Colo.
HYDROIL water oil cutting compound—B. G. Pratt Co., 50 Church, New York
HYDROLITE waterproof materials—Good Products Co., 1856 Leclaire, Chicago, Ill.
HYDROLITH sanitary flooring—Hydrolith Co., 25 Dean, Brooklyn, N. Y.
HYDROMATIC valves—Engineers' Appliance Co., Cleveland, Ohio
HYDRONON waterproofing materials—Barrett Co., 17 Battery pl, New York
HYDROPRESSURE bottle washing machy—Loeu Mfg. Co., 9100 Madison av. N. W., Cleveland, Ohio
HYDROSEAL dampproofing compounds—Concrete Waterproof Paint Co., 827 N 3rd, Phila., Pa.
HYDROWAX furniture polish—B. G. Pratt Co., 50 Church, New York
HYDUTY feed drills—Buda Co., Railway Exchange bldg., Chicago, Ill.
HY DUTY ECONOMIC steam & hot water heaters—Frank Prox Co., Terra Haute, Ind.
HYFIELD safety razor blades sharpening machines—Hyfield Mfg. Co., 21 Walker, New York
HYGEIA sanitary drinking fountains—Jas. B. Clow & Sons, Franklin & Harrison, Chicago, Ill.
HYGENIC paper cuspidors—Stone & Forsythe Co., 67 Kingston, Boston, Mass
HYGENOL liquid soap—Hygenol Co., Minneapolis, Minn.
HYGIENE brass & iron bedsteads—Metal Furniture Co., Evansville, Ind.
HYGIENE wool wadding—Evans & Co., Lockport, N. Y.
HYGIENIC faucet filters—Seed Filter & Mfg. Co., 73 Franklin, New York
HYGIENIC fireless cookers—Stephens Mfg. Co., 67 Carroll, Buffalo, N. Y.
HYGIENIC kalsomine—Adams & Elting Co., 726 W. Washington, Chicago, Ill.
HYGIENIC SPRING closet seats—B. R. E. Mfg. Co., Hyde Park, Mass.
HYGLO metal polish—Jno. T. Stanley, 642 W. 30th, New York
HYGRADE incandescent electric lamps—Hygrade Lamp Co., Salem, Mass.

HYGROSSO humidifying apparatus—Briggs-Shaffner & Co., Winston-Salem, N. C.
HYLO low water & tank alarms—Bogardus-Nelson Co., Marshalltown, Ia.
HYLO turn down electric lamps—Economical Electric Lamp Div. of G. E. C., 25 W Broadway, New York
HYLOPLATE composition blackboards—J. L. Hammett Co., Kendall sq., Cambridge, Mass.
HY-NAMEL enameled brick—Hydraulic-Press Brick Co., St. Louis, Mo.
HYNSON bung hole borers—Hynson Tool & Supply Co., 4758 Easton av, St. Louis, Mo.
HY-POL furniture polish—Adams & Elting Co., 726 Washington, Chicago, Ill.
HYPRESS positive pressure blowers—L. J. Wing Mfg. Co., 352 W. 13th, New York
HY-RIB steel lath—Truscon Steel Co., Youngstown, O.
HY-SPEED metal planing machines—Woodward & Powell Planer Co., Worcester, Mass.
HYTEMPITE furnace cements—Quigley Furnace Specialties Co., 26 Cortlandt, New York
HY-TEN-SL manganese bronze alloys, castings, bronze rods—American Manganese Bronze Co., 3501 Rhawn, Phila., Pa.
HY-TEX brick mantels, front brick & floor tile—Hydraulic-Press Brick Co., St. Louis, Mo.
HY-TEX front brick—C. M. Houghtaling & Co., 103 Park av, New York

I anti-friction babbitt metal—A. Gilbert & Sons Brass Foundry Co., 4019 Forest Park blk, St. Louis, Mo.
I beam monorail systems, hangers & switches—Cameron Engineering Co., E. Stroudsburg, Pa.
I. A. SPECIAL combined harrow & cultivator—S. R. White's Sons, Norfolk, Va.
I. C. F. sash weights—Iron City Foundry Co., Lebanon, Pa.
I. C. I. bit brace chucks & easy wringing mops—I. C. Imboden Co., Cleona, Pa.
I. C. P. CO. typewriter ribbons—International Carbon Paper Co., 206 Broadway, New York
I-D-L fish landing nets—A. F. Meisselbach & Bros., 29 Congress, Newark, N. J.
I. D. P. waterproofing materials—Illinois Damp-Proofing Co., 105 W. Monroe, Chicago, Ill.
I-H-C pumping engines—International Harvester Co., Harvester bldg., Chicago, Ill.
I. I. & B. CO., jacks, jack screws, cast iron wagon skeins, pipe vises—Illinois Iron & Bolt Co., Carpentersville, Ill.
I. L. screw drivers—Browne & Dowd Mfg. Co., Meriden, Conn.
I L. S. & C. machine wipers—L. Scheinman & Co., E. Grand blvd. & Hastings, Detroit, Mich.
I. O. C. lubricating oils & greases—Invader Oil Co., 76 Pearl, New York
I. O. C. oxygen generators, oxygen gas & hydrogen—International Oxygen Co., 115 Broadway, New York
I-P loose-leaf devices—Irving-Pitt Mfg. Co., Kansas City, Mo.
I-R. drill steel—Ingersoll-Rand Co., 11 Broadway, New York
I-RITE pyrometers—Gibb Instrument Co., Highland bldg., Pittsburgh, Pa.
I. T. E. circuit breakers—Cutter Electrical & Mfg. Co., 19th & Hamilton, Phila., Pa.
I. W. P. waterproofing materials—Imperial Water Proof Co., 105 W. Monroe, Chicago, Ill.
IX dinner pails—Sullivan-Geiger Co., Indianapolis, Ind.
I. X. L. bed & furniture casters, galvanized pump chairs, wire fence ratchets, stove trucks, wire cloth measuring machines—O. P. Schriver & Co., 621 E. Pearl Cincinnati, Ohio
I. X. L. can openers—W. G. Browne Mfg. Co., Kingston, N. Y.
I. X. L. can openers—Nicol & Co., 218 N. Jefferson, Chicago, Ill.
I. X. L. collar fasteners—North & Judd Mfg. Co., New Britain, Conn.
I. X. L. cottonseed oil—American Cotton Oil Co., 65 B'way, New York
I. X. L. cut gears—Foote Bros. Gear & Machine Co., 210 N. Carpenter, Chicago, Ill.
I. X. L. ensilage cutters—U. S. Wind Engine & Pump Co., Batavia, Ill.
I. X. L. floor finish—Edward Smith & Co., 127 W. av, Long Island City, N. Y.
I. X. L. wire—Collyer Insulated Wire Co., Pawtucket, R. I.
IXL flush tank regulators—Modern Iron Works, Quincy, Ill.
I. X. L. fruit & maple sugar evaporators—Warren Evaporator Works, Warren, Ohio
I. X. L. knives, razors, horse fleams, ink erasers—Geo. Wostenholm & Son, 105 Chambers, New York
I. X. L. lathe chucks—Westcott Chuck Co., Oneida, N. Y.
IXL oil cups—Swift Lubricator Co., Elmira, N. Y.
I. X. L. padlocks—Slaymaker Lock Co., Lancaster, Pa.
I. X. L. pipe cutting & threading machines—D. Saunders Sons, Yonkers, N. Y.
I. X. L. pipe hangers— Sproul & McGurrin Co., Grand Rapids, Mich.
I. X. L. ready asphalt roofing—Chapman & Soden, 150 Oliver, Boston, Mass.
I. X. L. saw gummers—Ajax Mfg. Co., N. S. Pittsburgh, Pa.
I. X. L. sewage ejectors & water closets—I. X. L. Pump & Mfg. Co., 957 N. 9th, Phila., Pa.
I. X. L. spiral square wing packing—Chas. Nuhring & Bro., 1212 Walnut, Cincinnati, Ohio
IXL tank heaters—Phelps & Bigelow Windmill Co., Kalamazoo, Mich.
I. X. L. tool grinders—Huntington Machine & Foundry Co., Huntington, Ind.
I. X. L. turbine water wheels—Humphrey Machine Co., Keene, N. H.
I. X. L. windmills—Phelps & Bigelow Windmill Co., Kalamazoo, Mich.
I. X. X. X. gill box cans—Hill James Mfg. Co., 52 Westfield, Providence, R. I.
I. & L. stump pullers—Milne Mfg. Co., Monmouth, Ill.
IBSEN BROS. saw swages—Ajax Mfg. Co., Pittsburgh, Pa.
ICHABOD brass lanterns—Plume & Atwood Mfg. Co., Waterbury, Conn.
IDEAL air tight heaters & gas and oil stove ovens—A. Geisel Mfg. Co., 219 S. 2nd, St. Louis, Mo.
IDEAL annunicators—Engineering Products Co., 40 Goldsmith av, Detroit, Mich.
IDEAL electrical generators—Ideal Electric & Mfg. Co., Mansfield, Ohio
IDEAL auto stools—Bryan Novelty Mfg. Co., Bryan, Ohio
IDEAL babbitt metal—Allen-Murphy Co., 125 W. 46th pl., Chicago, Ill.
IDEAL barrows—Phillips, Doup Co., 60 Pearl, Brooklyn, N. Y.
IDEAL bath brushes—Standard Brush Co., New Hartford, Conn.
IDEAL bed side tables—Walker Bros. Co., Syracuse, N. Y.
IDEAL bed springs—Foster Bros. Mfg. Co., Utica, N. Y.
IDEAL belt fasteners—Hudson Belt Fastener Co., 149 Church, New York
IDEAL blanket pins—F. E. Kohler Co., Canton, Ohio
IDEAL boilers—American Radiator Co., 820 S. Michigan av, Chicago, Ill.
IDEAL brake shoes—Spear & Miller Co., 80 E. Jackson blvd., Chicago, Ill.
IDEAL broom holders—Franklin Brass Foundry Co., Reading, Pa.
IDEAL can openers—Hamblin & Russell Mfg. Co., Worcester, Mass.
IDEAL can openers—Parker Wire Goods Co., Worcester, Mass.
IDEAL candy wrapping machines—Ideal Wrapping Machine Co., Middletown, N. Y.
IDEAL car trucks—J. G. Brill Co., 62nd & Woodland av, Phila., Pa.
IDEAL carbon paper & typewriter ribbons—Carter's Ink Co., E. Cambridge, Boston, Mass.
IDEAL carriage fasteners—C. Cowles & Co., New Haven, Conn.
IDEAL cement & wall plaster—Colorado Portland Cement Co., Denver, Colo.
IDEAL chain adjusters, feed cutters, root cutters, grain lifter guards—Frank Hamachek, Kewaunee, Wis.
IDEAL chain & pipe tongs, wrenches—Kroeschell Bros. Co., 440 W. Erie, Chicago, Ill.
IDEAL coffee percolators, enameled ware, cuspidors, ice cream freezers—New England Enameling Co., Middletown, Conn.
IDEAL coffee percolators, fireless & steam cookers, oil stoves & heaters, roasters & baking pans & thermal bath cabinets—Toledo Cooker Co., Toledo, Ohio
IDEAL concrete building block machinery & concrete mixers—Ideal Concrete Machinery Co., 1346 Monmouth av., Cincinnati, Ohio
IDEAL concrete cars—Cement Tile Machy. Co., Waterloo, Ia.
IDEAL conductor pipe, rural mail boxes—Learn & Brindle, Columbus, Ohio

IDEAL copper-nickel wire—Electrical Alloy Co., Morristown, N. J.
IDEAL corn & cob mills, feed cookers, gasoline engines—Ideal Gas Engine Co., Independence, Ia.
IDEAL cotton duck looms—Stafford Co., Readville, Mass.
IDEAL cultivators—H. P. Deuscher Co., Hamilton, Ohio
IDEAL currycombs—Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
IDEAL curtain stretchers—John B. Davis, Clinton, Me.
IDEAL dog biscuits—M. F. Marx Machine Co., Louisville, Ky.
IDEAL drain tile machines—Farmers' Cement Tile Machine Co., St. Johns, Mich.
IDEAL electric drills, electric-driven saws, grinders, motor-driven screw drivers—Neil & Smith Electric Tool Co., 120 E. 6th, Cincinnati, Ohio
IDEAL electric sad irons—Loetscher-Ryan Mfg. Co., Dubuque, Ia.
IDEAL elevator door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
IDEAL engine lathes—Springfield Machine Tool Co., Springfield, Ohio
IDEAL expanded metal lath—Youngstown Pressed Steel Co., Youngstown, Ohio
IDEAL expansion bolts & joints—Waring-Underwood Co., Commercial Trust bldg., Philadelphia, Pa.
IDEAL exploders—Hercules Powder Co., Wilmington, Del.
IDEAL extension ladders—Rich Pump Co., South & Depot, Cincinnati, Ohio.
IDEAL feed cookers—Star Tank Co., Goshen, Ind.
IDEAL finger nail clippers—A. F. Meisselbach & Bros., 29 Congress, Newark, N. J.
IDEAL floor polishing brushes—Duncan Bros. & Wray Co., Ludlow Falls, Ohio
IDEAL floor scrubbers & window cleaners—W. J. Dennis & Co., 2120 Lake, Chicago, Ill.
IDEAL flue cutters & tube expanders—Gustav Wiedeke & Co., Dayton, Ohio
IDEAL fountain pens—L. E. Waterman Co., 191 Broadway, New York
IDEAL friction clutches—Akron Gear & Engng. Co., Akron, Ohio
IDEAL fruit jars—Ball Bros. Glass Mfg. Co., Muncie, Ind.
IDEAL gaff hooks—Redifor Rod & Reel Co., Warren, Ohio
IDEAL garden hose reels—Cardington Cabinet Co., Cardington, Ohio
IDEAL garden rakes—Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y.
IDEAL garment hangers—Andrews Wire & Iron Works, Rockford, Ill.
IDEAL gas engines, oil rig irons, well drilling machinery—Union Tool Co., Los Angeles, Cal.
IDEAL gas engines & gasoline hoists—Original Gas Engine Co., Lansing, Mich.
IDEAL gas ranges—Eriez Stove & Mfg. Co., Erie, Pa.
IDEAL gasoline hoists—Universal Hoist & Mfg. Co., Cedar Falls, Ia.
IDEAL gauges—Ashton Valve Co., 161 First, Cambridge, Mass.
IDEAL grass catchers—R. F. Krause, Zion City, Ill.
IDEAL grass hooks—Wallingford Mfg. Co., Wallingford, Vt.
IDEAL grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
IDEAL grinders—Neil & Smith Electric Tool Co., Cincinnati, Ohio
IDEAL hand pump—Deming Co., Salem, Ohio
IDEAL hardware specialties, feed grinding mills, flag poles, hot air registers, soldering sets—Stover Mfg. Co., 1008 W. Madison, Chicago, Ill.
IDEAL hickory stick head rules—Smith & Phillips Mfg. Co., 1008 W. Madison, Chicago, Ill.
IDEAL hot air furnaces—Barber Mfg. Co., Ashtabula, Ohio
IDEAL hot air furnaces—Kansas City Furnace Co., 2429 Independence av, Kansas City, Mo.
IDEAL hunting knives—Marble Arms & Mfg. Co., Gladstone, Mich.
IDEAL ice cream freezers—Garden City Plating & Mfg. Co., 1430 S. Tallman, Chicago, Ill.
IDEAL ice picks—Stover Mfg. Co., Freeport, Ill.
IDEAL ignition cable—Empire Tire & Rubber Corp., East Trenton, N. J.
IDEAL kitchen sets—American Cutlery Co., 764 Mather, Chicago, Ill.
IDEAL lamp cord adjusters—Trumbull Electric Mfg. Co., Plainville, Conn.
IDEAL land & field rollers—Weaver & Co., New Oxford, Pa.
IDEAL lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.
IDEAL lawn mowers—Ideal Power Lawn Mower Co., Lansing, Mich.
IDEAL lawn swings—Thornburgh Mfg. Co., Bowling Green, Ohio.
IDEAL lemon squeezers—A. C. Williams Co., Ravenna, Ohio
IDEAL maple flooring—I. Stephenson Co., Wells, Mich,
IDEAL massage vibrators, switchboards, electro-mechanical gongs—R. Haas Electric Mfg. Co., Springfield, Ill.
IDEAL meat & food choppers—Peck, Snow & Wilcox Co., Southington, Conn.
IDEAL medicine cabinets—Ideal Reversible Hinge & Cabinet Co., 3666 Park av, St. Louis, Mo.
IDEAL metal polish & stove polish—A. O. Bettes Mfg. Co., 1208 E. 12th, Kansas City, Mo.
IDEAL oil pump lubricators—American Lubricator Co., Detroit, Mich.
IDEAL oil rig irons—Union Tool Co., Torrance, Cal.
IDEAL oxy-acetylene welding—General Welding Co., Hoboken, N. J.
IDEAL package washing machines—Ideal-Peerless Mfg. Co., Cleveland, Ohio
IDEAL packing—Goetze Gasket & Packing Co., New Brunswick, N. J.
IDEAL packing—Ideal Metallic Packing Co., South Stillwater, Minn.
IDEAL packing & gaskets—General Asbestos Rubber Co., Charleston, S. C.
IDEAL paper clips—Cushman & Denison Mfg. Co., 240 W. 23rd, New York
IDEAL pasteurizers—U. S. Bottlers' Machinery Co., 1033 W. Lake, Chicago, Ill.
IDEAL pipe clamps—Wm. Moll, 1660 Columbus, N. W., Cleveland, Ohio
IDEAL piston & valve rod packing & pump governors—Ideal Automatic Governor Co., 164 Emmet, Newark, N. J.
IDEAL pitching & counter-pressure beer raising machinery—H. Torchiani, 140 N. Dearborn, Chicago, Ill.
IDEAL plow coulters—Weyburn Co., Rockford, Ill.
IDEAL portable grain elevators—Luthy & Co., Peoria, Ill.
IDEAL post caps & bases—Ideal Hanger Co., Cleveland, Ohio
IDEAL pot cover repair knobs—Graham & Berwin, 107 Lafayette, New York
IDEAL pump governors—Ideal Automatic Mfg. Co., 125 Watts, New York
IDEAL pump valves & packing mfrs.—Lake Erie Mfg. Co., Buffalo, N. Y.
IDEAL push button floor treads—Renim Specialty Co., Brighton Station, Boston, Mass..
IDEAL reducing motors, steam engines, steam separators—A. L. Ide & Sons, Springfield, Ill.
IDEAL reducing wheels—John S. Bushnell & Co., 146 Liberty, New York
IDEAL reducing wheels—Richard Thompson & Co., 126 Liberty, New York
IDEAL riveting machines, lawn mower sharpeners—Root-Heath Mfg. Co., Plymouth, Ohio
IDEAL road scraping machines & graders & cast iron culverts—Galion Iron Works & Mfg. Co., Galion, Ohio
IDEAL rural mail boxes—C. G. Folsam Mfg. Co., South Bend, Ind.
IDEAL sad irons—Ideal Sad Iron Mfg. Co., Cleveland, Ohio
IDEAL sash opening device—Payson Mfg. Co., 2918 W. Jackson blvd, Chicago, Ill.
IDEAL saw sharpeners—Rotary File & Machine Co., 176 N. 4th, Brooklyn, N. Y.
IDEAL seed corn dryers & stock fountains—National Mfg. Co., Des Plaines, Ia.
IDEAL seeders & sowers—Beaver Dam Mfg. Co., Beaver Dam, Wis.
IDEAL silos & steel tanks & towers—Bennett Bros. Co., Lowell, Mass.
IDEAL spark plugs—Ideal Switch & Machinery Co., Plainville, Conn.
IDEAL steam traps—Tillotson Humidifier Co., 78 Fountain, Providence, R. I.
IDEAL steam & hot water heaters—American Radiator Co., 830 S. Michigan av, Chicago, Ill.
IDEAL sylphon damper regulators, heat regulators pressure reducing valves—Fulton Co., Knoxville, Tenn.
IDEAL thumb tacks—Keuffel & Esser Co., Hoboken, N. J.
IDEAL tin oil pumps—R. E. Chapin Mfg. Works, Batavia, N. Y.
IDEAL tool racks—Angle Steel Tool Co., Otsego, Mich.
IDEAL towel racks—Taplin Mfg. Co., New Britain, Conn.

IDEAL towel racks—Wire Goods Co., Worcester, Mass.
IDEAL trolley catchers—Trolley Supply Co., Canton, Ohio
IDEAL trolley catchers & retrievers—Electric Service Supplies Co., 17th & Cambria, Phila., Pa.
IDEAL trolley harps—Lumen Bearing Co., Buffalo, N. Y.
IDEAL tube mill feeders—Abbe Engineering Co., 220 Broadway, N. Y.
IDEAL twine holders—Introstile Mfg. Co., Marietta, Ohio
IDEAL ventilating window sash—Leonard Sheet Metal Works, Hoboken, N. J.
IDEAL unique radiator valves—American Radiator Co., 820 S. Michigan av, Chicago, Ill.
IDEAL washing machine valves—McMaster-Carr Supply Co., 174 N. Market, Chicago, Ill.
IDEAL water closet bends—Ideal Mfg. Co., Franklin & Dubois, Detroit, Mich.
IDEAL water coolers—Ideal Water Cooler Co., Monadnock blk., Chicago, Ill.
IDEAL whetstones—Scranton Whetstone & Abrasive Wheel Co., Scranton, Pa.
IDEAL window ventilators—Ideal Ventilator Co., 99 Stewart, Providence, R. I.
IDEAL wire mats—Keystone Wire Matting Co., Beaver Falls, Pa.
IDEAL woven wire fences—Elliott & Reid Co., Richmond, Ind.
IDEAL CROWN bottle openers—Ryede Specialty Works, Rochester, N. Y.
IDEAL HEAT electric water heaters—Loetscher-Ryan Mfg. Co., Dubuque, Ia.
IDEAL SPECIAL electric elevator motors—Ideal Electric & Mfg. Co., Mansfield, Ohio
IDEAL SYPHON regulators—American Radiator Co., 820 S. Michigan av, Chicago, Ill.
IDEALITE sanitary flooring—Idealite Co., Cincinnati, Ohio
IDLE HOUR hammock—Excelsior Bag & Mfg. Co., Troy, N. Y.
IGARD gauge glass preservers—Gardner Grate Co., 21 Burgess, Boston, Mass.
ILANASILK cushions—Robinson-Roders Co., 27 N. J. R. R. av, Newark, N. J.
ILER cupel machines—Denver Fire Clay Co., Denver, Colo.
ILER pulverizing machinery—Iler Foundry & Mfg. Co., 694 E. 82d, Cleveland, Ohio
ILLINOIS acetylene gas machines—Monmouth Acetylene-Electric Mfg. Co., Monmouth, Ill.
ILLINOIS boiler compounds—Illinois Boiler Cleaning Compound Co., 1338 N. La Salle, Chicago, Ill.
ILLINOIS cottonseed oils—East St. Louis Cotton Oil Co., East St. Louis, Ill.
ILLINOIS drilling machines—Illinois Iron & Bolt Co., Carpentersville, Ill.
ILLINOIS grain drills—Peoria Drill & Seeder Co., Peoria, Ill.
ILLINOIS hay rack clamps—Louden Machinery Co., Fairfield, Ia.
ILLINOIS steam heaters—Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
ILLINOIS valves—Illinois Engineering Co., 540 W. Harrison, Chicago, Ill.
ILLINOIS valves—James P. Marsh & Co., 118 S. Clinton, Chicago, Ill.
ILLMER gas engines—Reading Iron Co., Reading, Pa.
IMICO steam heaters, laundry stoves—Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
IMP flattening stone—F. M. Souder, Millville, N. J.
IMP magnetos—Sumter Electrical Co., 1466 Michigan av, Chicago, Ill.
IMPACO paints—Imperial Paint Co., 80 10th, Long Island City, N. Y.
IMPERIAL adamant & wood fibre—George W. Pack & Son, Syracuse, N. Y.
IMPERIAL air valves, floor & ceiling plates—W. A. Russell & Co., 63 W. 37th, New York
IMPERIAL alfalfa cultivators & harrows, celery hillers, potato cutters & plows—Bucher & Gibbs Plow Co., Canton, Ohio
IMPERIAL asbestos pipe—H. F. Watson Co., Erie, Pa.
IMPERIAL automobile bumpers—L. P. Halladay Co., Streator, Ill.
IMPERIAL bath tubs—Kohler Co., Sheboygan, Wis.
IMPERIAL belt dressing—J. Bachmann & Co., 16 Reade, New York
IMPERIAL blotting paper—Standard Paper Mfg. Co., Hull & Canal, Richmond, Va.
IMPERIAL brass compression couplings, gasoline strainers, self-heating sad irons, pressure regulators—Imperial Brass Mfg. Co., 524 S. Racine av, Chicago, Ill.
IMPERIAL bridle bits, hame clips, hangers, hooks, snaps & lawn trimmers—Imperial Bit & Snap Co., Racine, Wis.
IMPERIAL burnishing machines — polishing machines—Smith, Richardson Co., Attleboro, Mass.
IMPERIAL chain hoists—Franklin Moore Co., Winsted, Conn.
IMPERIAL chrome black—Chas. H. Reisig, 269 Water, New York
IMPERIAL clothes washing machines — Blackstone Mfg. Co., Jamestown, N. Y.
IMPERIAL deep well—F. E. Myers & Bros., Ashland, Ohio
IMPERIAL desk telephone brackets—Stanley & Patterson, 23 Murray, New York
IMPERIAL headlight, electric—Crouse, Hinds Co., Syracuse, N. Y.
IMPERIAL expanded metal lath—American Rolling Mill Co., Middletown, Ohio
IMPERIAL flue stops—Roseland Can & Specialty Co., Rockford, Ill.
IMPERIAL gas exhausters—Pratt Engineering & Machine Co., Atlanta, Ga.
IMPERIAL glue—Imperial Glue Co., Drumm, San Francisco, Cal.
IMPERIAL grain drills—La Crosse Plow Co., La Crosse, Wis.
IMPERIAL harness hooks—Morgan Spring Co., Worcester, Mass.
IMPERIAL hot air furnaces—Forest City Foundry & Mfg. Co., 2202 Elm av, Cleveland, Ohio
IMPERIAL hot water radiators—H. B. Smith Co., Westfield, Mass.
IMPERIAL hypodermic syringes & imperial needles—Randall-Falchney Co., Boston, Mass.
IMPERIAL lawn mowers—Coldwell Lawn Mower Co., Newburgh, N. Y.
IMPERIAL lawn sprinklers — American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
IMPERIAL lawn swings—Goshen Churn & Ladder Co., Goshen, Ind.
IMPERIAL leaded glass shades—Unique Art Glass & Metal Co., 105 Vanderveer, Brooklyn, N. Y.
IMPERIAL lubricating oils & greases—Pure Oil Co., 1st & 13th av, S., Minneapolis, Minn.
IMPERIAL maple flooring—East Jordan Lumber Co., East Jordan, Mich.
IMPERIAL metal culverts—Dominion Metal Products Co., Roanoke, Va.
IMPERIAL metal culverts—Florida Metal Product Co., Roanoke, Va.
IMPERIAL metal & stove polish & chloride of lime—Rath Mfg Co., Hedley E. of Richmond, Phila., Pa.
IMPERIAL mortar colors — Imperial Paint Co., 80 10th, Long Island City, N. Y.
IMPERIAL oil pumps—Lunkenheimer Co., Beekman Co., Jacksonville, Fla.
IMPERIAL packing, belting, cotton & rubber hose, deckle straps—Boston Belting Corp., 84 Linden Park st, Boston, Mass.
IMPERIAL padlocks—Slaymaker Lock Co., Lancaster, Pa.
IMPERIAL plaster & wall finish—United States Gypsum Co., 205 W. Monroe, Chicago, Ill.
IMPERIAL plasters' steel corner beads—Knapp Bros. Mfg. Co., 2419 W. 14th, Chicago, Ill.
IMPERIAL pneumatic tools, air hoists, air compressors, vacuum pumps—Ingersoll-Rand Co., 11 Broadway, New York
IMPERIAL prismatic glass — Pressed Prism Plate Glass Co., Morgantown, W. Va.
IMPERIAL pruning shears—Smith, Seymour & Son, Oakville, Conn.
IMPERIAL pumps—F. E. Myers & Bro., Ashland, Ohio
IMPERIAL rail benders—Hardsocg, Martin, Co., 922 South av, Pittsburgh, Pa.
IMPERIAL rubber coated cloth—Rosenwald & Weil, 1514 West Kinzie, Chicago, Ill.
IMPERIAL rubber tires, inner automobile tubes, tire vulcanizers—McGraw Tire & Rubber Co., East Palestine, Ohio.
IMPERIAL silk bolting cloth—Holmes & Blanchard, 31 State, Boston, Mass.
IMPERIAL steam separators, steam traps, throttle valves—Imperial Iron Works, Duluth, Minn.
IMPERIAL steam & hot water heaters—Messinger Mfg. Co., Tatamy, Pa.
IMPERIAL steam & hot water heaters—Utica Heater Co., Utica, N. Y.
IMPERIAL tinware—Schlueter Mfg. Co., Broadway & John av, St. Louis, Mo.
IMPERIAL urinal stalls—J. L. Mott Iron Works, Trenton, N. J.
IMPERIAL ventilators—C. A. Weimer, Lorain, Ohio
IMPERIAL washing machines—Imperial Washing Machine Co., Sand Spurings, Okla.
IMPERIAL white lead—Robert Shoemaker & Co., 4th & Race, Phila., Pa.

IMPERIAL windmills—Mast, Foos & Co., Springfield, Ohio
IMPERIAL wire pullers—Wicke Tool Co., Downers Grove, Ill.
IMPERIAL BLUE granite—Woodbury Granite Co., Hardwick, Vt.
IMPERIAL EXCELSIOR gas ranges—Isaac A. Sheppard & Co., Erie & Sepviva, Phila., Pa.
IMPERIAL 1910 clothes washing machines—Dayton Washington Machine & Motor Co., Dayton, Ohio
IMPERIAL SUNSHINE steam heaters—Reading Scale & Machine Co., Reading, Pa.
IMPERIAL-WIXON tire air pumps—Imperial Brass Mfg. Co., 524 S. Racine, Chicago, Ill.
IMPERVIO water closet tanks—Trenton Potteries Co., Trenton, N. J.
IMPERVIOUS shingle stains—Vilas Bros., 717 S. 5th av, Chicago, Ill.
IMPERVITE waterproofing materials—Standard Paint Co., 233 Broadway, New York
IMPREGNITE insulating varnishes—Standard Varnish Works, 2589 Richmond ter., Elm Park, N. Y.
IMPROVED capital water power washer—Blackstone Mfg. Co., Jamestown, N. Y.
IMPROVED common sense oil & grease cups—Michigan Lubricator Co., Detroit, Mich.
IMPROVED cyclone mechanical dust collectors—Western Blow Pipe & Sheet Metal Co., St. Louis, Mo.
IMPROVED dry batteries—Emil J. Tardie, 156 5th av, New York
IMPROVED engine lubricators—American Lubricator Co., Detroit, Mich.
IMPROVED locksmith screw drivers—Braunsdorf-Mueller Co., Elizabeth, N. J.
IMPROVED ore feeders—Kennedy-Van Saun Mfg. & Eng. Corp., 120 B'way, New York
IMPROVED sight feed hand riveting machines—F. H. Smith Mfg. Co., 3047 Carroll av, Chicago, Ill.
IMPROVED ELECTRIC sprinkler hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
IMPROVED EXCELSIOR fanning mills—A. P. Dickey Mfg. Co., Racine, Wis.
IMPROVED GIANT steam & hot water heaters—Pierce, Butler & Pierce Mfg. Corp., 437 E. 162d, New York
IMPROVED H. & H. PATENT toggles—Hamblet & Hayes Co., 284 Devonshire, Boston, Mass.
IMPROVED HANDY furnace pipe & fittings—F. Meyer & Bro., Peoria, Ill.
IMPROVED KITCHENER cast iron ranges—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
IMPROVED LOUISVILLE hand bottle filling machines—U. S. Bottlers' Machy. Co., 1033 W. Lake, Chicago, Ill.
IMPROVED MERIDIAN wheel garden hoes—Everts Mfg. Co., Meridian, N. Y.
IMPROVED MILITARY RIFLE NOS. 15, 16 & 18 powder—du Pont de Nemours & Co., E. I., Wilmington, Del.
IMPROVED MONITOR self-heating sad irons—Monitor Sad Iron Co., Big Prairie, Ohio
IMPROVED PACKARD vacuum pumps—Norman Hubbard's Sons, 265 Water, Brooklyn, N. Y.
IMPROVED PERFECT clinching hose menders & hose couplings—Peoria Can Co., Peoria, Ill.
IMPROVED PERKINS tack machinery & wire nail barbing machines—Henry Perkins Co., Bridgewater, Mass.
IMPROVED ROYAL rural mail boxes—Geo. B. Swan, Mattoon, Ill.
IMPROVED ST. LOUIS trolley wire picks-ups—Electric Service Supplies Co., 17th & Cambria, Phila., Pa.
IMPROVED VICTOR incubators & brooders—Geo Ertel Co., Quincy, Ill.
IN-A-JIFFY calculating machines—Voss Calculator Co., 6 N. Clark, Chicago, Ill.
INCINERITE garbage & refuse incinerators & disposal plants—E. C. Stearns & Co., 450 Oneida, Syracuse, N. Y.
INCOMPARABLE fluid & tinning solution—Reade Mfg. Co., Hoboken, N. J.
INDELIBLE cold water paints—Muralo Co., Richmond Ter., New Brighton, Borough of Richmond, New York
INDEPENDENCE wood split pulleys—Dodge Sales & Engineering Co., Mishawaka, Ind.
INDEPENDENT cement plaster—Acme Cement Plaster Co., Frisco bldg., St. Louis, Mo.
INDEPENDENT mowers—Independent Harvester Co., Plano, Ill.
INDEPENDENT scythe snaths—Fenn Mfg. Co., Charlotte, Mich.
INDEPENDENT shade rollers—Ball Bearing Shade Roller Co., Naugatuck, Conn.
INDEPENDENT shaker screens—Morrow Mfg. Co., Wellston, Ohio
INDESTRUCTENE packing, polishing belts, rubber hose, thresher belting—Combination Rubber Mfg. Co., Bloomfield, N. J.
INDESTRUCTIBLE belting—Empire Tire & Rubber Mfg. Corp., East Trenton, N. J.
INDESTRUCTIBLE blow-off valves & gauge cocks—A. W. Cadman Mfg. Co., 2814 Smallman, Pittsburgh, Pa.
INDESTRUCTIBLE horse collars—Johnston-Slocum Co., Caro, Mich.
INDESTRUCTIBLE packing—New York Belting & Packing Co., 91 Chambers, New York
INDESTRUCTIBLE spark plugs—American Coil Co., Foxboro, Mass.
INDESTRUCTIBLE tool handles—J. L. Osgood Tool Co., Buffalo, N. Y.
INDESTRUCTINE belting—Combination Rubber Mfg. Co., Bloomfield, N. J.
INDIA packing—A. W. Chesterton Co., 64 India, Boston, Mass.
INDIAN alarm clocks—E. Ingraham Co., Bristol, Conn.
INDIAN motor cycles—Hendee Mfg. Co., Springfield, Mass.
INDIAN oiled clothing—Goodyear Rubber Co., 539 Mission, San Francisco, Cal.
INDIAN wood preservatives—Indian Refining Co., 244 Madison av, New York
INDIANA blowers—Indiana Fan Co., 40 E. South, Indianapolis, Ind.
INDIANA cast wagon skeins—American Skein & Foundry Co., Racine, Wis.
INDIANA curb forms—Indiana Concrete Mold Co., Peru, Ind.
INDIANA farm wagons—Indiana Wagon Co., Lafayette, Ind.
INDIANA grain drills—Rude Mfg. Co., Liberty, Ind.
INDIANA hard wood flooring—North Vernon Lumber Co., North Vernon, Ind.
INDIANA packing—Mulconroy Co., 54th & Jefferson, Philadelphia, Pa.
INDIANA woven wire fences—Kokomo Steel & Wire Co., Kokomo, Ind.
INDIANAPOLIS SANITARY kraut cutters—Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
INDIANAPOLIS track rail grinders—Indianapolis Switch & Frog Co., Springfield, Ohio
INDIAN BRAND fire brick & brick front—Claycraft Brick Co., Columbus, Ohio
INDIAN BRAND manganese steel castings—Frog Switch & Mfg. Co., Carlisle, Pa.
INDIAN GIRL canoes—Rushton, Sidney P.
INDIAN HEAD pot cover repair knobs—Graham & Berwin, 107 Lafayette, New York
INDIAN QUEEN gas ranges—Eriez Stove & Mfg. Co., Erie, Pa.
INDIAN RIFLE powder (for export only)—du Pont de Nemours & Co., E. I., Wilmington, Del.
INDIAN TAN rawhide belting—Bay State Belting Co., 605 Atlantic av, Boston, Mass.
INDIGO sheet packing—New Jersey Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
INDISPENSABLE lathe dogs—Bonney Vise & Tool Works, Allentown, Pa.
INDIVIDUALITY electric illuminated signs—Greenwood Advertising Co., Knoxville, Tenn.
INDURITE liquid chemical hardener for floors—Ceresit Waterproofing Co., 110 S. Dearborn, Chicago, Ill.
INDRUROID asphalt roofing—H. F. Watson Co., Erie, Pa.
INDUSTRIAL gas engines—Industrial Iron Works, Clinton, Mo.
INDUSTRIAL sickel grinders—National Dairy Machine Co., Goshen, Ind.
INFALLIBLE smokeless shotgun powders—Hercules Powder Co., Wilmington, Del.
INFUSO case hardening—Steel Improvement & Forge Co., Cleveland, Ohio
INGALLS tube scraper—A. W. Chesterton Co., 64 India, Boston, Mass.
INGALLS tube scraper—Worcester Brush & Scraper Co., Worcester, Mass.
INGECO gas, gasoline, oil & traction engines—Worthington Pump & Machy. Corp., 115 B'way, New York
INGECO tractors—International Gas Engine Co., Cudahy, Wis.
INGERSOLL-ROGLER air compressors, vacuum pumps—Ingersoll-Rand Co., 11 Broadway, New York
INGHAM needle & shower baths & shower bath valves—Imperial Brass Mfg. Co., 524 S. Racine av, Chicago, Ill.

INGOT core compounds—Smith Facing & Supply Co., Carter rd, Cleveland, Ohio
IN-LADE asphalt ready roofing—Amalgamated Roofing Co., 431 S. Dearborn, Chicago, Ill.
INLAND pig iron—Inland Steel Co., 1st Natl. Bank bldg, Chicago, Ill.
INNER DUCK belting—Hettrick Mfg. Co., Toledo, Ohio
INNERTEX waterproof belting—W. H. Salisbury & Co., 105 S. Wabash av, Chicago, Ill.
INNOVATE lamp cord adjusters—McGill Mfg. Co., Valparaiso, Ind.
IN POSITION cylinder re-boring—Ambrose Machine Co., Eagle & Provost, Brooklyn, N. Y.
INSECT-I-SEE insecticides—Alcatraz Co., Inc., Richmond, Va.
INSTANT paint & varnish remover—Perry-Austen Mfg. Co., Grasmere, S. I., N. Y.
INSTANTO photographic paper—Photo Products Co., 6100 S. La Salle, Chicago, Ill.
INSULA reclaimed rubber—U. S. Rubber Reclaiming Works, 42nd st bldg., New York
INSULATE telephone mouthpieces & telephone receiver shells—General Insulate & Machine Co., 1008 Atlantic av, Brooklyn, N. Y.
INSULITE moulded heat-proof insulation—General Insulate & Machine Co., 1008 Atlantic av, Brooklyn, N. Y.
INSULECTRIC screw drivers—M. B. Tool Co., Danielson, Conn.
INSULITE waterproofing materials—Insulite Chemical Co., Aurora, Ill.
INTEGRAL waterproofing materials—Harrison Waterproofing Materials Co., 30 Church, New York
INTEGRAL waterproofing material—Integral Waterproofing Co., 80 Front, New York
INTERCHIL refrigerators—Syracuse Heater Co., Syracuse, N. Y.
INTERLAP buggy aprons—Vehicle Top & Supply Co., 3414 Lindell av, St. Louis, Mo.
INTERLOCKING padlocks—Slaymaker Lock Co., Lancaster, Pa.
INTERLOCKING wire stretchers—Interlocking Fence Co., Morton, Ill.
INTERLOX rules—Dahl Mfg. Co., 841 E. 136th, New York
INTERNATIONAL binder twine—International Harvester Company of America, Inc., Harvester bldg, Chicago, Ill.
INTERNATIONAL card time recorders—International Time Recording Co. of N. Y., Endicott, N. Y.
INTERNATIONAL cultivators, harrows, hay rakes, tedders, stackers, loaders, corn planters, feed grinders — International Harvester Company (Inc.), Harvester bldg, Chicago, Ill.
INTERNATIONAL hot air furnaces—International Heater Co., Utica, N. Y.
INTERNATIONAL wood pulp grinders—Friction Pulley & Machine Works, Hudson Falls, N. Y.
INTERNATIONAL BARONET hot air furnaces—International Heater Co., Utica, N. Y.
INTERNATIONAL CARTON hot air furnaces—International Heater Co., Utica, N. Y.
INTERNATIONAL COUNT hot air furnaces—International Heater Co., Utica, N. Y.
INTERNATIONAL CUTLERY shears & scissors—Hollinger Cutlery Co., Fremont, Ohio
INTERNATIONAL DUKE hot air furnaces—International Heater Co., Utica, N. Y.
INTERNATIONAL EARL hot air furnaces—International Heater Co., Utica, N. Y.
INTERNATIONAL ECONOMY steam heaters—International Heater Co., Utica, N. Y.
INTERNATIONAL ONEPIPE heater furnaces—International Heater Co., Utica, N. Y.
INTERNATIONAL PRINCESS hot air furnaces—International Heater Co., Utica, N. Y.
INTERNATIONAL STEEL FURNACE hot air furnaces—International Heater Co., Utica, N. Y.
INTERNATIONAL SULTAN steam heaters—International Heater Co., Utica, N. Y.
INTERTYPE type setting & type distributing machines—International Typesetting Machine Co., World bldg., New York
INTER-URBAN railway spittoons—Indiana Mfg. Co., Jeffersonville, Ind.
INTERURBAN trolley wheels—Electrical Material Co., Chicago, Ill.
IN-THE-BOTTLE milk pasteurizing machines—Loew Mfg. Co., 9100 Madison av, N. W., Cleveland, Ohio
INTRA hack saw blades—H. Boker & Co., 101 Duane, New York
INVADER lubricating oils & greases—Invader Oil Co., 76 Pearl, New York.
INVADER sheet packing—Republic Rubber Co., Youngstown, Ohio
IVANHOE self-hardening steel—Henry Roosell (Ltd.), 24 S. Jefferson, Chicago, Ill.
INVINCIBLE carving lathes—Valley City Machine Works, Grand Rapids, Mich.
INVINCIBLE cobblers' outfits—Root-Heath Mfg. Co., Plymouth, Ohio
INVINCIBLE corn husking machines, grain dryers, packing machines—Invincible Grain Cleaner Co., Silver Creek, N. Y.
INVINCIBLE electric hair dryers—Camp Co., La Crosse, Wis.
INVINCIBLE elevator door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
INVINCIBLE full automatic hosiery—Jenckes Knitting Machine Co., Pawtucket, R. I.
INVINCIBLE garden cultivators—Am. Fork & Hoe Co., Cleveland, Ohio
INVINCIBLE oil pumps—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
INVINCIBLE lawn mokers—Chadborn & Coldwell Mfg. Co., Newburgh, N. Y.
INVINCIBLE post hole diggers—F. E. Kohler Co., Canton, Ohio.
INVINCIBLE potato planters—Wabers Mfg. Co., Racine, Wis.
INVINCIBLE rock drills, hand—Ingersoll-Rand Co., 11 B'way, New York
INVINCIBLE spark timers—C. F. Fulmer, Plainfield, N. J.
INVINCIBLE steam & hot water heaters—John A. Scollay (Est. of), 74 Myrtle av, Brooklyn, N. Y.
INVINCIBLE storage batteries—American Battery Co., 1134 Fulton, Chicago, Ill.
INVINCIBLE HELPER cotton mops—Eagle Specialty Co., Jamestown, N. Y.
INVINCIBLE VICTOR nut crackers & picks—Cassady, Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
INVISIBLE door checks & springs—Banker Mfg. Co., New Brunswick, N. J.
INVISIBLE mop sticks & holders—Mason Mfg. Co., Perkinsville, Vt.
INVISIBLE roller window screens—Invisible Roll Screen Co., East av, Long Island City, L. I.
INVISIBLE weather strips—Chas. A. Freeman Mfg. Co., 201 Devonshire, Boston, Mass.
INVISIBLE wire coat & hat hooks—E. Jencks Mfg. Co., Worcester, Mass.
INVISIBLE JOINT sheet metal ceilings—Milwaukee Corrugating Co., Milwaukee, Wis.
INVO invoice winders—Forest City Machine Co., Rockford, Ill.
IOLA cement—Iola Portland Cement Co., Iola, Kans.
IONA ventilators—Iona Ventilator Co., 2327 N. 29th, Phila., Pa.
IOWA barbed wire—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
IOWA corn brooms, dusters, mops & sweeping compounds—Hoag Duster Co., Monticello, Iowa.
IOWA ensilage cutters—Gould Balance Valve Co., Kellogg, Ia.
IOWA fire hydrants—Iowa Valve Co., Oskaloosa, Ia.
IOWA hay carriers—Louden Machinery Co., Fairfield, Ia.
IOWA lawn swings—Hay Tool Mfg. Co., Council Bluffs, Ia.
IOWA middle breakers—Parlin & Orendorff Co., Canton, Ill.
IOWA steam heaters—Iowa Radiator Co., Cedar Rapids, Ia.
IOWA steam heaters—Seevers Mfg. Co., Oskaloosa, Ia.
IOWA stock fountains and float valves—Western Mfg. Co., Oskaloosa, Ia.
IOWA tile ditching machines—Iowa Ditching Machine Co., Mt. Pleasant, Ia.
IOWA truck units—Iowa Motor Co., Ottumwa, Ia.
IOWA wall plaster—Plymouth Gypsum Co., Fort Dodge, Ia.
IRCO stamp pads & stamp pad inks—Ink Ribbon Mfg. Co., 633 Howard, San Francisco, Cal.
IRELAND drop forged wrenches—Page Storms Drop Forge Co., Chicopee, Mass.
IRELAND shingle mill machinery—Lyon Iron works, Greene, N. Y.
IRIDIUM babbitt metal—Merchant & Evans Co., 2035 Washington av., Phila. Pa.
IRIS water closets—Central Metal & Supply Co., 611 E. Lombard, Baltimore, Md.
IRISH SILVER cordage & twine—American Mills Co., Atlanta, Ga.
IRON AGE agricultural implements, asparagus ridgers—Bateman Mfg. Co., Grenloch, N. J.
IRON CHINK fish dressing machines—Smith Cannery Machine Co., Seattle, Wash.
IRON CITY fibrous packing—Pittsburgh Steam Packing Co., 210 Second av, Pittsburgh, Pa.

IRON CLAD alarm clocks—Western Clock Co., La Salle, Ill.
IRON CLAD cement—Glens Falls Portland Cement Co., Glens Falls, N. Y.
IRON CLAD corn ear crusher mills—Robinson Mfg. Co., Muncy, Pa.
IRON CLAD gauge glass preservers—Sargent Co., Fisher bldg, Chicago, Ill.
IRON CLAD incubators—Ironclad Incubator Co., Racine, Wis.
IRON CLAD lamp glass chimneys—Macbeth-Evans Glass Co., Pittsburgh, Pa.
IRON CLAD mortar hods—Cleveland Wire Spring Co., Cleveland, Ohio
IRON CLAD neck yokes—A. H. Conn, Cedar Rapids, Ia.
IRON CLAD air drill and rubber hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
IRON CLAD white & red lead—Enterprise Paint Mfg. Co., 854 W. Vanburen, Chicago, Ill.
IRON FENCE lawn settees—Adams Company, Dubuque, Ia.
IRON GIANT stump pullers—Milne Mfg. Co., Monmouth, Ill.
IRONHIDE paints—Patton Paint Co., Milwaukee, Wis.
IRON HORSE ash sifters, ash & garbage cans, oil cans, wash boilers—Rochester Can Co., Rochester, N. Y.
IRONITE concrete flooring—L. R. Gaidry, 305 Baronne, New Orleans, La.
IRONITE drop wires—Paragon Electric Co., 9 S. Clinton, Chicago, Ill.
IRONITE sanitary flooring & waterproofing materials—Ironite Co., 111 W. Washington, Chicago, Ill.
IRON KING cultivators, fertilizer drills, fertilizer distributors—C. W. Genung, Madison, Ohio
IRON KING tank heaters—Hunt, Helm, Ferris & Co., Harvard, Ill.
IRONOX paints—Armstrong Paint & Varnish Works, 2502 S. Paulina, Chicago, Ill.
IRONSIDES belt dressing, boiler compounds, rope fillers & wire rope coating—Ironsides Co., Columbus, Ohio
IRONSIDES gear & wire rope shields—Ironsides Co., Columbus, Ohio
IRONSIDES rubber belting—Quaker City Rubber Co., 629 Market, Philadelphia, Pa.
IRONWEAR rubber boots & shoes—J. E. Bates & Co., 202 Church, New York
IROQUOIS asphalt heaters & mixers, road scarifiers, sand & gravel heaters & dryers, steam road rollers, etc.—Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.
IROQUOIS carbon paper—Corona Supply Co., Rochester, N. Y.
IROQUOIS reclaimed rubber—U. S. Rubber Reclaiming Works, 42nd st bldg., New York.
IRVING'S Paradox inkstands & wells—Smith & Egge Mfg. Co., Bridgeport, Conn.
IRVINGTON insulating compounds & paper & oiled skin—Irvington Varnish & Insulator Co., Irvington, N. J.
IRVINGTON lineman's tools, pliers & nippers—Irvington Mfg. Co., Irvington, N. J.
IRWIN auger bits—Jackson Mfg. Co., Jackson, Ohio
IRWIN auger bits—Jas. Swan Co., Seymour, Conn.
IRWIN PATTERN auger bits—W. A. Ives Mfg. Co., Wallingford, Conn.
ISBELL frue vanners—Galigher Machinery Co., Salt Lake City, Utah
IS BOILER PROOF Canners' inks—R. D. Swisher Mfg. Co., 413 S. Clinton, Chicago, Ill.
ISCO caustic soda, chlorine—Isco Chemical Co., 46 Cliff, New York
ISOLATOR garbage disposal plants—Buffalo Co-operative Stove Co., Buffalo, N. Y.
IT rat traps—Abingdon Trap Co., Abingdon, Ill.
ITHACA fertilizer distributors—Williams Bros., Ithaca, N. Y.
ITHACA hammer & hammerless double shot guns—Ithaca Gun Co., Ithaca, N. Y.
IT'S A CORKER shoveling & end gate boards—Peoria Drill & Seeder Co., Peoria, Ill.
ITSAEZIE garment hangers—F. Iewald & Co., 500 S. Wells, Chicago, Ill.
IVANHOE self hardening steel—Henry Rossell, 24 S. Jefferson, Chicago, Ill.
IVENS pottery dies—W. H. & H. L. Ivens, P. O. Box 647, Trenton, N. J.
IVER JOHNSON bicycles, motor cycles & revolvers—Johnson's, Iver, Arms & Cycle Works, Fitchburg, Mass.
IVERSON drag line excavators & drag line scraper buckets—Dobbie Foundry & Machine Co, Niagara Falls, N. Y.
IVES bit braces, hollow augers, spoke trimmers, tap borers—W. A. Ives Mfg. Co., Wallingford, Conn.
IVORCHROME infant sets, polish—The Arlington Works (E. I. du Pont de Nemours & Co.), 21 E. 40th, New York
IVORITE closet seats—Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
IVOROID closet seats—Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
IVOROID closet seats—Sanitary Specialty Co., 1824 E. Clearfield, Phila., Pa.
IVORY celluloid covered closet seats—Standard Tank & Seat Co., Camden, N. J.
IVORY cement plaster & wood fibre & white trowel plaster & wall finish—U. S. Gypsum Co., 205 W. Monroe, Chicago, Ill.
IVORY-PYRALIN ivory substitutes—The Arlington Works (E. I. du Pont de Nemours & Co.), 21 E. 40th, New York
IVORY rubber hose—Whitehead Bros. Rubber Co., Trenton, N. J.
IVY rubber hose—Bowers Rubber Works, San Francisco, Cal.
IWAN'S post hole augers, hay knives, open back shovels—Iwan Bros., South Bend, Ind.
IWANTA gas sad irons—Strause Gas Iron Co., Phila., Pa.
IWANTA metal polish—Lincoln Fixture & Supply Co., Lincoln, Nebr.

J. locomotive oilers—Johnson Mfg. Co., Urbana, Ohio
J. A. J. rail bonds—Jamison Rail Bond & Elec'l Supply Co., Jenkins Arcade, Pittsburgh, Pa.
J. A. WESTON'S fire ladders—Portland Extn. Ladder & Pole Co., 130 Orange, Newark, N. J.
J. AMES knives—H. A. Lothrop & Co., Sharon, Mass.
J. B. DAVIS solar transits—J. C. Ulmer Co., Cleveland, Ohio
J. B. MILLER'S keyless locks—J. B. Miller Keyless Lock Co, Kent, Ohio
J-E-M shade holders—J-E-M Shade Holder Co., 221 W. 33rd, New York
J. G. globe valves—Stephens Roe Mfg. Co., Detroit, Mich.
J. G. C. spring hinges—Coleman Hardware Co., 220 S. Michigan av, Chicago, Ill.
J. H. automobile wind shields—Mutual Auto Accessories Co., 1777 B'way, New York
J. H. E. clothes lines—Estes Mills, Fall River, Mass.
J. H. MUNKTELL'S filter paper—E. H. Sargent & Co., 125 W Lake, Chicago, Ill.
J. H. S. shock absorbers—J. H. Sager Co., Rochester, N. Y.
J. I. C. cedar pails & buckets—St. Louis Cooperage Co., ft. of Arsenal, St. Louis, Mo.
J. I. C. foundry pails—Richmond Cedar Works, Fulton, Richmond, Va.
J. I. C. pails & buckets—Lown & Son, Poughkeepsie, N. Y.
J. I. CASE stalk cutters—J. I. Case Plow Works, Racine, Wis.
J. J. DELEHANT'S keystone die stocks—Keystone Die Stock Co., 652 W. 47th, Chicago, Ill.
J. J. ELLIOTT English hall clocks—Harris & Harrington, 29 Park pl, New York
J-M asbestos, magnesia & electrical products—H. W. Johns-Manville Co., Madison av & 41st, New York
J. M. E. domestic gas irons—Central Flatiron Mfg. Co., Johnson City, N. Y.
J. P. BAKELITE insulating compounds—Johns-Pratt Co., Hartford, Conn.
J. P. harness snaps—East Bangor Mfg. Co., East Bangor, Pa.
J. R. C. pneumatic tires—Johnstown Rubber Co., Johnstown, Pa.
J. R. S. easy pipe cutters—Mechanicsville Specialty Supply Mfg. Co., Mechanicsville, N. Y.
J. R. S. Simplex lead traps, bends & ferrules—J. R. Smith & Co., Mechanicsville, N. Y.
J. R. S. sink brackets—Jas R. Smith & Co., Mechanicsville, N. Y.
J. SANGER knives—H. A. Lothrop & Co., Sharon, Mass.
J. T. metal polish—J. T. Blair Co., Nashville, Tenn.
J. VAN RUYMBEKE'S for crude & refining—Wm. F. Jobbins, Inc., Aurora, Ill.
J-W-P & CO. sprue cutters—J. W. Paxson Co., Phila., Pa.
J. & G. MFG. CO. carpenters' slicks & drawing knives & chisels—C. E. Jennings & Co., 71 Murray, New York
J. & L. special tire air pumps—Judd & Leland Mfg. Co., Clifton Springs, N. Y.
JACK ANCHOR—guy anchors—W J. Jackman, Lima, Ohio

JACK BOY gasoline engines—Associated Mfrs. Co., Waterloo, Iowa
JACK FROST ice machines—Portsmouth Engine Co., Portsmouth, Ohio
JACK FROST ice tongs—Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.
JACK FROST water closets—A. Weiskittel & Sons Co., 12th & E. Lombard, Baltimore, Md.
JACKET faucet cans—Sexton Can Co., 228 Franklin, Boston, Mass.
JACKET fire hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
JACKET steam heaters—Gurney Heater Mfg. Co., 188 Franklin, Boston, Mass.
JACKHAMER rock drills—Ingersoll-Rand Co., 11 Broadway, New York
JACKSON automobile truck trailers—Miles Co., Jackson, Mich.
JACKSON belt fasteners—Green, Tweed & Co., 109 Duane, New York
JACKSON belt fasteners—Rossendale-Reddaway Belting & Hose Co., Newark, N. J.
JACKSON belt fasteners—Sawyer Belt Hook Co., Pawtucket, R. I.
JACKSON belt lacing machines—Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
JACKSON chemical nozzles—Cornelius Callahan Co., 127 Purchase, Boston, Mass.
JACKSON churns—W. W. Babcock Co., Bath, N. Y.
JACKSON concrete carts—Jackson Mfg. Co., Harrisburg, Pa.
JACKSON electric portable drills—Ajax Electric Tool Co., Ludington, Mich.
JACKSON flue scrapers—James J. Keeley, Jackson, Mich.
JACKSON fly swatters—Lubbers & Bell Mfg. Co., Clinton, Ia.
JACKSON grapple forks—Whitaker Mfg. Co., 509 W. Monroe, Chicago, Ill.
JACKSON hay forks—F. E. Myers & Bro., Ashland, Ohio
JACKSON levels—Joseph Woodwell Co., 297 Wood, Pittsburgh, Pa.
JACKSON locomotive oilers—J. W. Jackson, Sharpsville, Pa.
JACKSON sand reels—Masseth Packer & Machine Works, Butler, Pa.
JACKSON sugar cane strippers—American Mfg. Co., Chattanooga, Tenn.
JACKSON ventilating grates—Edwin A. Jackson & Bro., Inc., 50 Beekman, New York
JACKSON washing machines—Jackson Gas Engine Co., Jackson, Mich.
JACKSON wire fence machines & wire stretchers—Jackson Fence Co., Jackson, Mich.
JACKSTOPER rock drills—Ingersoll-Rand Co., 11 Broadway, New York
JACK WILSON slide valves—American Balance Valve Co., Jersey Shore, Pa.
JACOBI boat hooks—Chas. D. Durkee & Co., 2 South, New York
JACOBS drill chucks—Jacobs Mfg. Co., 894 Park, Hartford, Conn.
JACOBS feed water heaters—Charles Jacobs & Co., 258 Franklin, Boston, Mass.
JACOBS grease cups—Lindholm Metal Stamping Co., Camden, N. J.
JACOBSON automobile wind shields—Jacobson Bros., 254 Central, Newark, N. J.
JAEGER decorative electric lighting—Elux Miniature Lamp Division, 6 E. 39th, New York.
JAEGER-KENY concrete building block machinery—Jaeger Machine Co., 490 Dublin av, Columbus, O.
JA-GA-BI head tachometers—James G. Biddle, 1211 Arch, Phila., Pa.
JAHN steam engine governors—Massey Machine Co., Watertown, N. Y.
JAMACO closet seats—James Mfg. Co., Canton, Ohio
JAMBO hot water radiator valves—Alonzo H. Magee 136 Beekman, New York
JAMES harrows & pulverizers—Janesville Machine Co., Janesville, Wis.
JAMES iron fillers—Patton Paint Co., Milwaukee, Wis.
JAMES steel stable fixtures—James Mfg. Co., Fort Atkinson, Wis.
JAMES & GRAHAM farm wagons—James & Graham Wagon Co., Memphis, Tenn.
JAMESTOWN water cooling radiators & tractor radiators—Jamestown Car Parts & Mfg. Co., Jamestown, N. Y.
JANDUS electric ceiling fans—Adams-Bagnall Electric Co., Cleveland, Ohio
JANDUS LUXOLABORA lamp posts—Adams-Bagnall Electric Co., Cleveland, Ohio
JANESVILLE hay carriers—Strickler Hay Tool Co., Janesville, Wis.
JANESVILLE riding listers—Janesville Machine Co., Janesville, Wis.
JANET kitchen enamel ware—John Dunlap Co., Gregg, Pittsburgh, Pa.
JANEWAY gas works apparatus—Phoenix Gas & Improvement Co., Harrison bldg, Phila., Pa.
JANITOR mop sticks & holders—T. J. Ely Mfg. Co., Erie, Pa.
JANNEY car couplers—McConway & Torley Co., 48th & A. V. R. R., Pittsburgh, Pa.
JANOS sheet packing—Feodor Burgmann, 26 Courtland, New York
JANSEN belt sanding machines—Curtis Machine Corp., Jamestown, N. Y.
JAP riding cultivators—Roderick Lean Mfg. Co., Mansfield, Ohio
JAP-A-LAC paints & wood fillers, floor finish & varnish—Glidden Varnish Co., 1755 W. Madison, Cleveland, Ohio
JAPANESE furniture polish—World Polish Mfg. Co., York, Pa.
JAPANESE lawn sprinklers—American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
JAPANESE linen ledger paper—Crane Bros., Westfield, Mass.
JAPOLA furniture polish—Black Cat Polish Co., 34 Washington, Buffalo, N. Y.
JARDINE fireplace dampers—Walter S. Jardine & Sons Co., 155 Forest, Arlington Heights, Mass.
JARECKI pipe tongs, pipe vises, screw plates, die heads, street washers, valve and service boxes—Jarecki Mfg. Co., Erie, Pa.
JARECKI pipe vises—Oswego Tool Co., Oswego, N. Y.
JARRELL hand power punch & shear—Clark Foundry Co., Rumford, Me.
JARVIS ball drive tapping attachments—Charles L. Jarvis Co., Gildersleeve, Conn.
JARVIS feed carriers—Whitaker Mfg. Co., 509 W. Monroe, Chicago, Ill.
JARVIS garden cultivators—Whitaker Mfg. Co., 509 W. Monroe, Chicago, Ill.
JARVIS hay carriers—Whitaker Mfg. Co., 509 W. Monroe, Chicago, Ill.
JARVIS pumps—Jarvis Engine & Machine Works, Lansing, Mich.
JARVIS safety water columns—Jarvis Engine & Machine Works, Lansing, Mich.
JASON fly swatters—J. B. Timberlake & Sons, Jackson, Mich.
JASPER wall plaster—Fowler & Pay, Mankato, Minn.
JAX chemical engine hose—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
JAXON lamp brackets & potato bakers—J. B. Timberlake & Sons, Jackson, Mich.
JAYHAWK corrugated paper—Lawrence Paper Co., 151 Spring, New York
JAYHAWK corrugated packing paper & folding paper boxes—Lawrence Paper Mfg. Co., Lawrence, Kan.
JAYHAWK hay stackers & sweep rakes—F. Wyatt Mfg. Co., Salina, Kan.
JAYHAWK road scrapers—F. Wyatt Mfg. Co., Salina, Kan.
JAYNES fixture insulating joints—Trumbull Electric Mfg. Co., Plainville, Conn.
JECTOR suction hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
JEFFERIS metallic lockers & steel factory bins—Richard W. Jefferis Co., Camden, N. J.
JEFFERSON couplings, union elbows, fittings, pipe flanges, tees & unions—Jefferson Union Co., Lexington, Mass.
JEFFERSON farm wagons—Vaughn Mfg. Co., Jefferson, Wis.
JEFFERSON motor cycles—Waverly Mfg. Co., Jefferson, Wis.
JEFFERSON sash cords—J. E. Fricke Co., 253 Market, Phila., Pa.
JEFFREY elevating, conveying & power transmission machinery—Jeffrey Mfg. Co., Columbus, Ohio
JEFFREY'S marine glue—L. W. Ferdinand & Co., 154 Kneeland, Boston, Mass.
JEFFREY'S WATERPROOF LIQUID glue—L. W. Ferdinand & Co., 154 Kneeland, Boston, Mass.
JEM junction boxes—Barlow Foundry Co., 551 R. R. av, Newark, N. J.
JENARCO packing & gaskets—Jenkins Bros., 80 White, New York
JENKINS DISC radiator corner valves—Buckeye Iron & Brass Works, Dayton, Ohio
JENKINS DISC radiator valves—Capitol Brass Works, Detroit, Mich
JENKINS sewage ejectors—Jenkins Mfg. Co., 20 Vesey, New York
JENKINS sulphur apparatus—L. E. Knott Apparatus Co., 79 Amherst, Cambridge, Mass.
JENKINS valves, discs & packing gaskets—Jenkins Bros., 80 White, New York

JENKS electric lanterns—Jenks Lantern Co., 208 N. 5th av, Chicago, Ill.
JENKS window springs—Stanley Works, New Britain, Conn.
JENNE pattern jacks—Joyce-Cridland Co., Dayton, Ohio
JENNE track jacks—Crerar, Adams & Co., 259 E. Erie, Chicago, Ill.
JENNEY variable speed motors—American Rotary Valve Co., Anderson, Ind.
JENNINGS auger bits—Jas. Swan Co., Seymour, Conn.
JENNINGS pumps & dredges—Jennings Pump & Dredge Co., 305 N. Michigan av, Chicago, Ill.
JENNINGS steam separators—Watson & McDaniel Co., 146 N. 7th, Phila., Pa.
JENNINGS wood bits—Jas. Swan Co., Seymour, Conn.
JENNINGS wood boring tools—Connecticut Valley Mfg. Co., Centerbrook, Conn.
JENNISON radiator foot rests—Jennison Co., Fitchburg, Mass.
JENNISON water cooling towers—International Steam Engineering Co., Atlanta, Ga.
JENNY electric motors, buffing lathes—Arvac Mfg. Co., Anderson, Ind.
JENNY LIND stone polishing machinery—Concord Axle Co., Penacook, N. H.
JENNY LIND stone polishing machinery—St. Cloud Iron Works Co., St. Cloud, Minn.
JENSEN automobile jacks—St. Charles Specialty Mfg. Co., St. Charles, Ill.
JENSEN ripeners & pasteurizers—J. C. Cherry Co., Cedar Rapids, Ia.
JENSEN tire air pumps—St. Charles Specialty Mfg. Co., St. Charles, Ill.
JENSEN'S can filling machines—Seattle-Astoria Iron Works, Seattle, Wash.
JERGENS hand soap—Andrew Jergens Co., 599 B'way, New York
JERGUSON gauge glasses & water gauges—Jerguson Gage & Valve Co., 358 Atlantic av, Boston, Mass.
JERICHO automobile horns—Randall-Faichney Co., Boston, Mass.
JERICO sledges—John Ernsdorff Iron Co., Dubuque, Ia.
JEROME packing—Imperial Iron Works, Duluth, Minn.
JEROME packing—Jerome-Edwards Metallic Packing Co., 80 E. Jackson blvd., Chicago, Ill.
JERREMS garment hangers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
JERSEY bench vises—Stanley Rule & Level Co., New Britain, Conn.
JERSEY electric lamp hoods—National Metal Stamping & Mfg. Co., 494 Mulberry, Newark, N. J.
JERSEY QUEEN can filling machines—Sprague Canning Machinery Co., 222 N. Wabash av, Chicago, Ill.
JESCO metal polish—J. Eavenson & Son, Camden, N. J.
JESOMINE rubber hose—Bowers rubber works, San Francisco, Cal.
JESSOP'S tool steel—Wm. Jessop & Sons (Inc.), 91 John, New York
JESTER SACKETT fireproof partitions—U. S. Gypsum Co., 205 W. Monroe, Chicago, Ill.
JET black paints—Great Lakes Refining Co., Cleveland, Ohio
JET-LAC air drying enamels—Hall-Thompson Co., Hartford, Conn.
JET OIL shoe polishes—S. M. Bixby & Co., 46th & 2nd av, Brooklyn, N. Y.
JEWEL bath water heaters—American Stove Co., St. Louis, Mo.
JEWEL bath water heaters & gas stoves—Geo. M. Clark & Co., 179 Michigan av, Chicago, Ill.
JEWEL combination water closets—Bowlus Mfg. Co., Springfield, Ohio
JEWEL garden plows—Towers & Sullivan Mfg. Co., Rome, Ga.
JEWEL glassine paper—Warren Mfg. Co., 233 Broadway, New York
JEWEL harrows—South Bend Chilled Plow Co., South Bend, Ind.
JEWEL furniture polish, paint & varnish remover—Wadsworth-Howland Co., 225 N. Carpenter, Chicago, Ill.
JEWEL riding listers—Kingman Plow Co., Peoria, Ill.
JEWEL rubber horse shoe pads—Firestone Tire & Rubber Co., Akron, Ohio
JEWEL rural mail boxes—Peck, C. A. Hdwe Co., Berlin, Wis.
JEWEL stoves, ranges, furnaces—Detroit Stove Works, Detroit, Mich.
JEWEL sweeping compounds—Jewel Mfg. Co., 2863 W. 22d, Chicago, Ill.
JEWEL vertical engines—C. H. Dutton Co., Kalamazoo, Mich.
JEWELER hack saw blades—H. G. Thompson Son & Co., New Haven, Conn.
JEWELL ammeters & volmeters—Jewell Electrical Instrument Co., 810 W. Lake, Chicago, Ill.
JEWELL barn door latches—Peck, C. A. Hdwe Co., Berlin, Wis.
JEWELL boiler compounds—Jewell Engineering Co., Monadnock blk, Chicago, Ill.
JEWELL corn & cob mills—Duplex Mfg. Co., Superior, Wis.
JEWELL garden cultivators—South Bend Chilled Plow Co., South Bend, Ind.
JEWELL gas stoves, gas heaters—American Stove Co., St. Louis, Mo.
JEWELL gas stoves, gas radiators & sad iron heaters—Geo. M. Clark & Co., 179 N. Michigan av, Chicago, Ill.
JEWELL gasoline blow torches—Turner Brass Works, Sycamore, Ill.
JEWELL grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
JEWELL hay carriers—Louden Machinery Co., Fairfield, Ia.
JEWELL kerosene lamp burners—Edw. Miller & Co., Meriden, Conn.
JEWELL mica plugs—Pittsfield Spark Coil Co., Pittsfield, Mass.
JEWELL radiator valves—Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
JEWELL seal presses—Sigwalt Mfg. Co., 3658 Armitage, Chicago, Ill.
JEWETT car gates & guards—Jewett Car Co., Newark, Ohio
JEWETT kitchen enameled ware—Jewett Stamping & Enameling Co., Jewett, Ohio
JEWETT stoves—Jewett & Co., Buffalo, N. Y.
JEWETT truck units—Jewett Car Co., Newark, Ohio.
JEWETT water coolers—Buffalo Mfg. Co., Buffalo, N. Y.
JEWETT white enameled strainers—Jewett Stamping & Enameling Co., Jewett, Ohio
JIANT bean harvesters & cultivators—Donaldson Bros., Mt. Clemens, Mich.
JIFFY fire hose racks—Jiffy Fire Hose Rack Co., 727 7th av, New York
JIFFY package sealing machines—Anthony Eisler & Co., 227 Canal, New York
JIFFY paper clips—L. F. Grammes & Sons, Allentown, Pa.
JIFFY storm sash hangers & screen door hinges—Rock City Mfg. Co., Wabash, Ind.
JIM CROW rail benders—Aldon Co., 3338 W. Ravenswood av, Chicago, Ill.
JIM CROW rail benders—Buda Co., Railway Exchange bldg, Chicago, Ill.
JIM CROW rail benders—Pittsburgh Trolley Pole & Forge Co., 117 Water, Pittsburgh, Pa.
JIM CROW rail benders—Union Drop Forge Co., 358 W. Grand av, Chicago, Ill.
JIM DANDY bicycle lamps—Plume & Atwood Mfg. Co., Waterbury, Conn.
JIM DANDY dressing & belt lacing—Pechin belting Co., 700 N. Front, Phila., Pa.
JITNEY automobile bells—Frank Mossberg Co., Attleboro, Mass.
JOB cotton seed hullers—French Oil Mill Machinery Co., Piqua, Ohio
JOCKEY horse brushes—Standard Brush Co., New Hartford, Conn.
JOCKY neck yokes—C. Prouty & Co., Eldred, Pa.
JOE'S friction clutches & reversing marine gears—Snow & Petrelli Mfg. Co., New Haven, Conn.
JOHANSSON measuring gauges—Swedish Gauge Co., 245 W. 55th, New York
JOHN DEERE agricultural implements, harrow carts—Deere & Co., Moline, Ill.
JOHN GLOVER steam traps—Glover Bros., Paul & Vandyke, Philadelphia, Pa.
JOHN J. CLARK'S spool cotton threads—Blodgett & Orswell Co., Pawtucket, R. I.
JOHN NICHOL'S harness awls—John Thornton, Jr., 108 Worth, New York
JOHN O'LAUGHLIN'S cylindrical screens—Johnston & Chapman Co., 2925 Carroll av, Chicago, Ill.
JNO. WILSON'S butchers' knives—Boker Cutlery & Hardware Co., Inc., 101 Duane, New York
JOHNNY BOY gasoline engines—Associated Mfrs. Co., Waterloo, Iowa.
JOHNS rectifiers—Clark Electric Meter Co., 215 S. Clinton, Chicago, Ill.
JOHNS-MANVILLE spark plugs & speedometers—H. W. Johns-Manville Co., Madison av & 41st, New York
JOHNSON bilge pumps—National Mfg. Co., Worcester, Mass.

JOHNSON coin counting machines—Johnson Coin Counting Machine Co., 237 Lafayette, New York
JOHNSON cutting-off tools—Pratt & Whitney Co., Hartford, Conn.
JOHNSON fanning mills—Belcher & Taylor Agric. Tool Co., Chicopee Falls, Mass.
JOHNSON fare boxes—Johnson Fare Box Co., 236 S. Robey, Chicago, Ill.
JOHNSON friction & gas engine clutches—Johnson Carlyle Machine Co., Manchester, Conn.
JOHNSON fuel oil burners—S. T. Johnson Co., 1334 Mission, San Francisco, Cal.
JOHNSON barrow carts—Madison Plow Co., Milwaukee, Wis.
JOHNSON hopper doors—Industrial Supply & Equipment Co., 407 Samson, Phila., Pa.
JOHNSON Marathon coal crushers—Johnson Engineering Works, 38 S. Dearborn, Chicago, Ill.
JOHNSON marking gauges—E. P. Johnson Rule Mfg. Co., 565 Washington blvd, Chicago, Ill.
JOHNSON road oilers—Wm. F. Irish Elec. Supplies, 130 W. 32d, New York
JOHNSON tackle boxes & trayless fishing tackle boxes—Merriam Mfg. Co., Durham, Conn.
JOHNSON well screens—E. E. Johnson, St. Paul, Minn.
JOHNSON'S duck decoys—Wm. R. Johnson, Seattle, Wash.
JOHNSON'S floor finish—S. C. Johnson & Son, Racine, Wis.
JOHNSON'S fuel oil—S. T. Johnson Co., 1334 Mission, San Francisco, Cal.
JOHNSON'S packing & gum gaskets—H. Johnson Co., ft. Gates av, Jersey City, N. J.
JOHNSON steel, anti-rattlers—Bauer Bros. Mfg. Co., Richmond & Corry, Cincinnati, Ohio
JOHNSON TRAYLESS fishing tackle boxes—Merriam Mfg. Co., Durham, Conn.
JOHNSTON cloth dryers—Utica Novelty & Mill Specialty Co., Utica, N. Y.
JOHNSTON CONTINENTAL reapers—Massey-Harris Harvester Co., Batavia, N. Y.
JOHNSTON corn binders, mowers & binder covers—Massey-Harris Harvester Co., Batavia, N. Y.
JOHNSTON pipe wrenches—F. Pfeifer, 97 Reade, New York
JOHNSTON road oilers—Standard Mfg. Co., Worcester, Mass.
JOHNSTONE blow-off cocks & valves—Crosby Steam Gage & Valve Co., 40 Central, Boston, Mass.
JOINTITE pipe joint cements—Pacific Flush Tank Co., 108 S. La Salle, Chicago, Ill.
JOINTITE pipe joint compounds—Marbleoid Co., 47 W. 34th, New York
JOKER clasps key rings—Browne & Dowd Mfg. Co., Meriden, Conn.
JONES belt fasteners—Greene, Tweed & Co., 109 Duane, New York
JONES belt fasteners—Jewell Belting Co., Hartford, Conn.
JONES car doors & fittings—Jones Car Door Co., Monadnock blk, Chicago, Ill.
JONES cold storage doors—Jamison Cold Storage Door Co., Hagerstown, Md.
JONES end cutting nippers & hoof parers—Eli Jones & Sons, Luverne, Minn.
JONES flexible couplings—W. A. Jones Foundry & Machine Co., 4401 W. 12th, Chicago, Ill.
JONES harness snaps—Frazer & Jones Co., Syracuse, N. Y.
JONES improved loose leaf devices—Wilson, Jones Loose Leaf Co., 3020 Carroll av, Chicago, Ill.
JONES jet photometers—Connelly Iron Sponge & Governor Co., 227 Fulton, New York
JONES light switchboards—Krantz Mfg. Co., 160 7th, Brooklyn, N. Y.
JONES machinery guards and safety devices—Acme Guard Co., 150 Nassau, New York
JONES accident preventers, machinery guards & safety devices—Lockhart-Hodge Co., Inc., 12 Waverly, Buffalo, N. Y.
JONES mine rachet drills—Jones Machine Co., Chattanooga, Tenn.
JONES minnow buckets—Deshler Mail Box Co., Deshler, Ohio
JONES ore samplers—Denver Fire Clay Co., Denver, Colo.
JONES peerless car doors & fittings—Jones Car Door Co., Monadnock blk, Chicago, Ill.
JONES pipe hangers—Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
JONES pneumatic signals—American Safety Lamp & Mine Co., Scranton, Pa.
JONES portable grain elevators—Fremont Mfg. Co., Fremont, Neb.
JONES speedometers—Jones Speedometer Co., 590 Jackson av, Brooklyn, N. Y.
JONES steam traps—Glover Bros., Paul & Vandyke, Philadelphia, Pa.
JONES underfeed mechanical stokers—Under Feed Stoker Co., 111 W. Monroe, Chicago, Ill.
JONES ventilating registers—U. S. Register Co., Ltd., Battle Creek, Mich.
JORGENSON adjustable screw clamps & hand screws—Adjustable Clamp Co., 216 N. Jefferson, Chicago, Ill.
JOSEPH grease cups—Lindholm Metal Stamping Co., Camden, N. J.
JOSEPH JEFFERSON fish line—Ashaway Line & Twine Mfg. Co., Ashaway, R. I.
JOSEPH SYKES BROS. card clothing—Leigh & Butler, 232 Summer, Boston, Mass.
JOSLIN time stamps—A. D. Joslin Mfg. Co., 223 W. Erie, Chicago, Ill.
JOST-HORN switches—Frank W. Morse, 289 Congress, Boston, Mass.
JOVE fire alarm signal boxes—J. H. Bunnell Co., 32 Park pl, New York
JOY can openers—Beveridge Mfg. Co., Baltimore, Md.
JOY pneumatic hose couplings—H. D. Edwards Co., Detroit, Mich.
JUBILEE automobile horns—Randall-Faichney Co., Boston, Mass.
JUBILEE hand carts—Kilbourne & Jacobs Mfg. Co., Columbus, Ohio
JUDSEN rubber horse shoe pads—Carl A. Judsen, 214 W. Erie, Chicago, Ill.
JUMBO air valves, floor & ceiling plates—Magee Valve Co., 136 Beekman, New York
JUMBO beam clamps, pipe hangers, radiator & float valves—Beaton & Cadwell Mfg. Co., New Britain, Conn.
JUMBO box board machines—Peter Gerlach Co., 1712 Winter, Cleveland, Ohio
JUMBO door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
JUMBO feed grinding mills—Wolf Co., Chambersburg, Pa.
JUMBO garden rakes—Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y.
JUMBO gas engines—Harrison Machine Works, Belleville, Ill.
JUMBO gas & steam engines—Nelson Bros. Co., Saginaw, Mich.
JUMBO glass insulator—Brookfield Glass Co., 2 Rector, New York
JUMBO ice shavers, ice cube cutting machines—Reinhold Mfg. Co., Detroit, Mich.
JUMBO insect guns—Thos. W. Houchin Co., 36 E. 12th, New York
JUMBO insecticide dusters—Leggett & Bro., 301 Pearl, New York
JUMBO nail pullers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
JUMBO natural gas burners—D. M. Steward Mfg. Co., Chattanooga, Tenn.
JUMBO oil & grease guns—E. Edelmann & Co., 341 E. Ohio, Chicago, Ill.
JUMBO potato sprayers—Leggett & Bro., 301 Pearl, New York
JUMBO steam engines—Superior Shipbuilding Co., Superior, Wis.
JUMBO stump pullers—C. D. Edwards, Albert Lea, Minn.
JUMBO tong bits—Chas. N. Hough Mfg. Co., Franklin, Pa.
JUMBO well buckets—Richmond Cedar Works, Richmond, Va.
JUMBO WHEEL toys, games & novelties—Geo. H. Bowman Co., 224 Euclid av, Cleveland, Ohio
JUMPHLANE spark coils—Autocoil Co., 136 7th, Jersey City, N. J.
JUNIATA babbitt metal—Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.
JUNIATA kitchen enameled ware—Belmont Stamping & Enameling Co., New Phila., Ohio
JUNIOR adjustable wrenches—Frank Mossberg Co., Attleboro, Mass.
JUNIOR basin cocks—Allyne Brass Foundry Co., Detroit, Mich.
JUNIOR canvas stitched belting—Boston Woven Hose & Rubber Co., Cambridge, Mass.
JUNIOR empire barrel spray pumps—Field Force Pump Co., Elmira, N. Y.
JUNIOR engine lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
JUNIOR gang saw edgers—American Sawmill Machinery Co., Hackettstown, N. J.
JUNIOR incandescent gas mantles—Eclipse Light Co., 51 E. 110th, New York
JUNIOR lawn mowers—Whitman & Barnes Mfg. Co., Akron, Ohio
JUNIOR leader potato spraver pumps—Field Pump Co., Elmira, N. Y.

JUNIOR MONARCH hay presses—Junior Monarch Hay Press Co., San Leandro, Cal.
JUNIOR steam heaters—Herbert Boiler Co., 140 Root, Chicago, Ill.
JUNIOR steam heaters—Pittsburgh Water Heater Co., 610 Columbia Bank bldg, Pittsburgh, Pa.
JR. GASOMETER indicators—Ritz-Woller Oliver Co., 166 W. Lake, Chicago, Ill.
JUNITA steel toe-calks—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
JUNKERS calorimeters—American Meter Co., 3112 N. 17th, Phila., Pa.
JUNO battery motors—Davis Kendrick Co., Lebanon, N. H.
JUNO rubber hose—Whitehead Bros. Rubber Co., Trenton, N. J.
JUPITER flaming arc lamps—Felix Hamburger, 404 4th av, New York
JUPITER metal polish—Chemi Co., 715 E. Main, Richmond, Va.
JUPITER padlock locks—U. S. Lock & H'dwe Co., Columbia, Pa.
JUST RIGHT metallic shingles—Moeschl-Edwards Corrugating Co., Covington, Ky.
JUST-THE-THING fruit strainers—Tate Mfg. Co., 48 Hanover, Boston, Mass.
JUSTICE brick dryers—Manufacturers Equipment Co., Dayton, Ohio
JUSTICE power hammers, spike pullers—Philip S. Justice & Co., 421 Chestnut, Phila., Pa.
JUSTRITE ash & garbage cans, acetylene mine lamps & fire extinguishers—Justrite Mfg. Co., 2061 Southport av, Chicago, Ill.
JUSTRITE plow blade sharpeners—Strite Governor Pulley Co., Minneapolis, Minn.
JYPCO electric gas lighting burners—Jno. Y. Parke & Co., 127 N. 7th, Phila., Pa.

K. adjustable wrenches—Frank Mossberg Co., Attleboro, Mass.
K. A. C. auto grease—Columbia Refining Co., 90 West, New York
K. B. crown crucible clays—Anthony Meng & Co., 17 S. Silent, Phila., Pa.
K. B. & S. cement—Balfour Guthrie & Co., San Francisco, Cal.
K. C. gas engines—Kansas City Hay Press Co., Kansas City, Mo.
K. C. JR. gas engines—Kansas City Hay Press Co., Kansas City, Mo.
K.-D. electro plating dynamos, jewelers' counterbores, medical batteries—Kendrick-Davis Co., Lebanon, N. H.
K. D. feed cutters—Geo. S. Comstock & Son, Mechanicsburg, Pa.
K.-D. galvanized iron tanks, iron flumes—Harry Bros. Co., New Orleans, La.
K. E. electric fuses—Kirkman Engineering Corp., 237 Lafayette, New York
K. I. trolley wire splicers—Electric Railway Equipment Co., Cincinnati, Ohio
K. K. weatherproof wire—American Brass Co., Waterbury, Conn.
K.-K. x-ray apparatus—Kelley-Koett Mfg. Co., Covington, Ky.
K. M. C. steam heaters—International Heater Co., Utica, N. Y.
K-P piston rings—Keys Piston Ring Co., 3049 Olive, St. Louis, Mo.
K.-T. tank heaters—Kelly Foundry & Machine Co., Goshen, Ind.
K-V check valves—Max Machine Co., Clinton, Mass.
K. V. A. transformer for moving picture lamps—J. H. Hallberg, 1604 B'way, New York
K-W electric rosettes—Bryant Electric Co., Bridgeport, Conn.
K. W. fuse rosettes—Arrow Electric Co., Hartford, Conn.
K. W. incandescent cut-outs—H. T. Paiste, Arch & 32nd, Phila., Pa.
K. & B. wrenches, linemen's climbers, hand vises, tack hammers—Kilborn & Bishop Co., New Haven, Conn.
K. & C. cement—Union Sand & Material Co., International Life bldg., St. Louis, Mo.
K. & D. screw drivers, battery motors, gas igniters, jewelers' vises—Kendrick-Davis Co., Lebanon, N. H.
K. & H. portable grain elevators—King & Hamilton Co., Ottawa, Ill.
K. & J. air dump cars—Kilbourne & Jacobs Mfg. Co., Columbus, Ohio
K. & J. expansion joints, chime whistles & bean clamps—Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
K. & M. steam clocks & valves—Kinsey & Mahler Co., Peoria, Ill.
K. & P. glaziers' putty—Kent & Purdy Paint Co., 11th & Mullanphy, St. Louis, Mo.
K. & R. tire upsetters—Kane & Roach, Syracuse, N. Y.
K. & T. valves, pressure regulators, pump governors, steam traps—Klipfel Mfg. Co., 2651 W. Harrison, Chicago, Ill.
KABLAK insulating cloth, paper, tape—Mica Insulator Co., 68 Church, New York
KAESTNER malt mills—Kaestner & Hecht Co., 500 Throop, Chicago, Ill.
KA-HA-CO automobile horns—Kales-Haskel Co., Detroit, Mich.
KAHLENBERG kerosene oil engines—Kahlenberg Bros. Co., Two Rivers, Wis.
KAHN concrete inserts, post caps & bases—Truscon Steel Co., Youngstown, Ohio
KAISER farm boilers—Bovee Furnace Works, Waterloo, Ia.
KAISER metal polish—Borsum Bros., 227 Fulton, New York
KALAMAZOO gas ranges—Kalamazoo Stove Co., Kalamazoo, Mich.
KALAMAZOO hand car wheels—Kalamazoo Railway Supply Co., Kalamazoo, Mich.
KALAMAZOO hoes—Union Fork & Hoe Co., Columbus, Ohio
KALAMAZOO sickel grinders—Kalamazoo Tank & Silo Co., Kalamazoo, Mich.
KALAMAZOO trolley harps & wheels—Star Brass Works, Kalamazoo, Mich.
KALLIGRAINE transfer graining paper—Emil Majert Co., 9 E. 37th, New York
KALLITH lepidolite—B. F. Drakenfeld & Co., 50 Murray, New York
KALLOITE wall plaster—Cardiff Gypsum Plaster Co., Fort Dodge, Ia.
KALORIC sheet packing—Quaker City Rubber Co., 629 Market, Phila., Pa.
KAMAH automobile wind shields—Stewart-Carey Glass Co., Indianapolis, Ind.
KAMBRO set-in-rubber brushes—Kample Bros., 330 Atlantic av, Brooklyn, N. Y.
KAMLEE automobile trunks—Kamlee Co., 448 E. Water, Milwaukee, Wis.
KAMP KOMFORT heaters & stoves—A. C. Kraft, 323 W. Lake, Chicago, Ill.
KAMP KOOK'S KIT cooking outfits—A. C. Kraft, 323 W. Lake, Chicago, Ill.
KANAWHA chemical fire engines—James Boyd & Bro., 25th & Wharton, Phila., Pa.
KANAWHA chloride of calcium—Jno. Q. Dickinson & Co., Malden, W. Va.
KANAWHA mine ventilating fans—South Side Foundry & Machine Works, Charleston, W. Va.
KANE pipe hangers—Thos. Devlin Mfg. Co., 3rd & Lehigh av, Phila., Pa.
KANGAROO animal & game traps—Triumph Trap Co., Oneida, N. Y.
KANGAROO hand cars—Kangaroo Mfg. Co., 10 S. La Salle, Chicago, Ill.
KANISTEO rulers & yardsticks—Up-to-Date Adv. Co., Canisteo, N. Y.
KAN KUT can openers—Schatz Mfg. Co., Poughkeepsie, N. Y.
KANSAS CYCLONE blacksmiths' bellows—Thos. A. Clark, 5783 Side av, N. W., Cleveland, Ohio
KANT scratch fly swatters—Andrews Wire & Iron Works, Rockford, Ill.
KANTBEBEAT dry core compounds—S. Obermayer Co., 2563 W. 18th, Chicago, Ill.
KANT BLO automobile reliners—Hampton Mfg. Co., Indianapolis, Ind.
KANT-BLO-OFF tube cleaners—Chas. Nuhring & Bro., 1212 Walnut, Cincinnati, Ohio
KANTKINK flexible metallic hose—Goodyear Tire & Rubber Co., Akron, Ohio
KANT-KOROD paints—Pyramid Paint Co., 133 N. 22nd, Phila., Pa.
KANT-LEAK copper floats—Wolverine Brass Works, Grand Rapids, Mich.
KANT LEEK oil storage tanks—Milwaukee Tank Works, 851 Kinnickinnic av, Milwaukee, Wis.
KANTPICK sash locks—Frank E. Smith Metal Window Hardware Co., 81 Clay, Newark, N. J.
KANTSLIP adjustable screw clamps hand screws, pulley covering—Kantslip Co., Freeport, Mich.
KANTSPLIT valve wheels—Holton-Abbott Mfg. Co., 59 Goram, West Somerville, Mass.
KANT-SUCK calf weaners—Imperial Bit & Snap Co., Racine, Wis.
KANT SUK calf weaners—Wagner Specialty Co., Burlington, Wis.
KAPAK elaterite roofing—Raven Mining Co., of Utah, Marquette, bldg., Chicago, Ill.

KAPPA incandescent cut-outs—Trumbull Electric Mfg. Co., Plainville, Conn.
KAPTAN steam hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
KARADAM hatchets—North Wayne Tool Co., Hallowell, Me.
KARBO disinfectants—Alcatraz Co., Inc., Richmond, Va.
KARBO sickel grinders—Whitaker Mfg. Co., 509 W. Monroe, Chicago, Ill.
KARBOL wood preservatives—L. Sonneborn Sons, 262 Pearl, New York
KARBOLITH sanitary flooring—American Mason Safety Tread Co., Lowell, Mass.
KARBONITE sheet packing—New York Belting & Packing Co., 91 Chambers, New York
KARBON KOTE carbon paints—Armstrong Paint & Varnish Works, 2502 S. Paulina, Chicago, Ill.
KARDEX filing cabinets—American Kardex Co., Tonawanda, N. Y.
KARGES farm wagons—Karges Wagon Co., Evansville, Ind.
KASENIT case hardening compounds—Kasenit Co., 11 Water, New York
KASS car steps—Acme Supply Co., 28 E. Jackson blvd, Chicago, Ill.
KATYDID garden cultivators—J. I. Case Plow Works, Racine, Wis.
KATZ hinges—Lawson Mfg. Co., 230 W. Superior, Chicago, Ill.
K-A-U-R-I varnish—Booden & Son, 243 N. 9th, Brooklyn, N. Y.
KAWNEER steel mouldings, metallic window frame & sash rolled steel windows—Kawneer Mfg. Co., Niles, Mich.
KAZOO automobile jacks—National-Standard Co., Box 211, Niles, Mich.
KEANE PAT'N mop sticks & holders—T. J. Ely Mfg. Co., Erie, Pa.
KEARNEY & FOOT files—Nicholson File Co., Providence, R. I.
KEARSARGE asbestos-metallic packing—H. W. Johns-Manville Co., Mad. av & 41st, New York
KECO steel measuring tapes—Keuffel & Esser Co., Hoboken, N. J.
KEELER water tube boilers, steam & hot water heaters—E. Keeler Co., Williamsport, Pa.
KEE LOX carbon paper & typewriter ribbons—Kee Lox Mfg. Co., Rochester, N. Y.
KEENE'S windsor asbestos cements—J. B. King & Co., 17 State, New York
KEEN KUTTER razors, pocket knives—Simmons Hardware Co., 9th & Spruce, St. Louis, Mo.
KEEN O can openers, ice chisels—W. G. Browne Mfg. Co., Kingston, N. Y.
KEENOH razor stroppers—Keenoh Co., 82 First, Detroit, Mich.
KEEPDRY cloth lined waterproof wrapping—Angier Mills, Ashland, Mass.
KEEP KOOL cutting & drilling compounds—Phoenix Oil Co., 2554 W. 5th, Cleveland, Ohio
KEEPTITE packing—Crandall Packing Co., Palmyra, N. Y.
KEES furnace regulators, metal building corners—F. D. Kees Mfg. Co., Beatrice, Nebr.
KEES-GOSSETT storm sash hangers—F. D. Kees Mfg. Co., Beatrice, Neb.
KEGLER chain pumps—Ferguson Mfg. Co., Dubuque, Ia.
KEITH combination heaters—Keith Furnace Co., Des Moines, Ia.
KEITH sanitary drinking fountains—L. E. Knott Apparatus Co., 15 Harcourt, Boston, Mass.
KEITH'S Boston bubbler drinking fountains—L. E. Knott Apparatus Co., 79 Amherst, Cambridge, Mass.
KELCO foundry facings—T. P. Kelly & Co., Inc., 355 W. 26th, New York
KELCO graphite, boiler compounds—Kelly Graphite Mills, 355 W. 26th, New York
KELLASTONE sanitary flooring—U. S. Kellastone Co., Chicago, Ill.
KELLASTONE sanitary flooring & stucco—National Kellastone Co., 5 S. Wabash av, Chicago, Ill.
KELLER assay balances—G. P. Keller, Salt Lake City, Utah.
KELLER axle cutters, farm wagons, lawn swings, pipe cutters—Keller Mfg. Co., Minneapolis, Minn.
KELLER pneumatic heading, chipping & calking & rivetting hammers; drills; pneumatic pile drivers, sand reamers, scaling hammers, stone carving & cutters' tools, stone surfacing & wood boring machines—Chicago Pneumatic Tool Co., Fisher bldg., Chicago, Ill.
KELLERMAN chain tongs—Union Tool Co., Los Angeles, Cal.
KELLEY routing machines—Kelley Electric Machine Co., Buffalo, N. Y.
KELLEY DUPLEX sickle grinders—Duplex Mill & Mfg. Co., Springfield, Ohio
KELLOGG pipe sleeves—New Brunswick Iron Works, New Brunswick, N. J.
KELLUM damper regulators—Hess & Barker, 605 Sansom, Phila., Pa.
KELLY carpet vises—C. S. Osborne & Co., Harrison, N. J.
KELLY corn & cob mills, feed grinding mills—Duplex Mill & Mfg. Co., Springfield, Ohio
KELLY filter presses—Kelly Co., Salt Lake City, Utah
KELLY, Jr. hollow augers—House Cold Tire Setter Co., 4143 Laclede, St. Louis, Mo.
KELLY horizontal coal screens—Roberts & Schaefer Co., 332 S. Michigan av, Chicago, Ill.
KELLY pipe couplings—Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
KELLY reamers & boring tools—Kelly Reamer Co., 1553 Columbus rd, Cleveland, Ohio.
KELLY water closets, stop & waste cocks—Thos. Kelly & Bros., 404 S. Kolmar av, Chicago, Ill.
KELLY-SPRINGFIELD road rollers—Buffalo Springfield Roller Co., Springfield, Ohio
KELLY-SPRINGFIELD rubber tires—Consolidated Rubber Tire Co., 229 W. 57th, New York
KELLY'S Albany stone jacks—L. J. Kelly Mfg. Co., Albany, N. Y.
KELMOR flushing valves—Single Faucet & Flush Valve Co., 180 N. Dearborn, Chicago, Ill.
KELSEY hot air furnaces—Kelsey Heating Co., Syracuse, N. Y.
KELVIN galvanometers—Leeds & Northrup Co., Stenton av, Gtn., Phila, Pa.
KEMP CLIMAX manure spreaders—N. J. Kemp Co., Batavia, N. Y.
KENCO battery motors & battery motor fans—Knapp Electric & Novelty Co., 511 W. 51st, New York
KENEWA planes—Sargent & Co., New Haven, Conn.
KENNESAW marble—Georgia Marble Co., Tate, Ga.
KENNEY marine speedometers—Geo. E. Lawrence, Bullitt bldg., Philadelphia, Pa.
KENNY hub bands—Eastern Malleable Iron Co., Naugatuck, Conn.
KENNY marine indicators—American Speed Indicator Co., New London, Conn.
KENNYS scouring powder—J. T. Kenny & Co., St. Paul, Minn.
KENSINGTON journal boxes—Union Spring & Mfg. Co., New Kensington, Pa.
KENT battery motors, battery motor fans—Kendrick-Davis Co., Lebanon, N. H.
KENT hand corn planters—James Mfg. Co., Ft. Atkinson, Wis.
KENT smokeless furnaces—Power Specialty Co., 111 Broadway, New York
KENT vacuum cleaners & live stock vacuum groomers—Kent Vacuum Cleaner Co., Rome, N. Y.
KENTUCKO egg testers, incubator lamps, poultry fountains, rural mail boxes—Kentucky Stamping Co., Louisville, Ky.
KENTUCKY corn planters—International Harvester Company of America (Inc.), Harvester bldg, Chicago, Ill.
KENTUCKY farm wagons—Kentucky Wagon Mfg Co., Louisville, Ky.
KENTUCKY gang press wheel attachments—American Seeding Machine Co., Richmond, Ind.
KENTUCKY incandescent electric lamps—Kentucky Electrical Co., Owensboro, Ky.
KENTUCKY RIFLE black sporting powders—Du Pont de Nemours Powder Co. (E. I.), Wilmington, Del.
KENTUCKY shovels, spades, & scoops—Owensboro Shovel & Tool Co., Owensboro, Ky.
KENWOOD paper makers' felts—F. C. Huyck & Sons, Rensselaer, N. Y.
KENYON corn crushers—Burgess-Norton Mfg. Co., Geneva, Ill.
KERATOL artificial leather—Keratol Co., 348 Van Buren, Newark, N. J.
KERKNER alfalfa cultivators—Light Draft Harrow Co., Marshalltown, Ia.
KERNAL garden hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
KERMAN hot air furnaces—International Heater Co., Utica, N. Y.
KERNCHEN siphonage ventilator—Kernchen Company, 332 S. Michigan av, Chicago, Ill.
KERNEL walking & riding cultivators—Kingman Plow Co., Peoria, Ill.
KERNITE packing—Kern Commercial Co., 114 Liberty, New York
KERSTINE grate bars—Bowler Foundry Co., 1688 Columbus, Cleveland, Ohio
KERTLANDT packing—Manhattan Rubber Mfg. Co., Passaic, N. J.

KERWIN-DETROIT rail grinding machines—Kerwin Machine Co., Detroit, Mich.
KESCO floor plates & stair treads—Keystone Steel Co., Warren, Pa.
KESTER soldering flux—Chicago Solder Co., 218 N. Union av, Chicago, Ill.
KETCHAM steam traps—Boston Steam Specialty Co., 332 A, Boston, Mass.
KETMAR garden hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
KETOS crucible steel—Hawkridge Bros. Co., 303 Congress, Boston, Mass.
KETOS non-shrinking oil hardening & tool steel—Halcomb Steel Co., Syracuse, N. Y.
KEWANEE brake beams—Chicago Railway Equipment Co., 1923 W. 46th, Chicago, Ill.
KEWANEE electric lighting systems, water supply systems—Kewanee Private Utilities Co., West Side, Kewanee, Ill.
KEWANEE foundry molding machines—Wm. Demmler & Bros., Kewanee, Ill.
KEWANEE house heating boilers—Kewanee Boiler Co., Kewanee, Ill.
KEWANEE outdoor sleeping berths—Kewanee Mfg. Co., Kewanee, Ill.
KEYBRIDGE REINFORCEMENT metal lath & steel combined—Edwards Mfg. Co., 545-546 Eggleston av, Cincinnati, Ohio
KEY expanded metal lath—General Fireproofing Co., Youngstown, Ohio
KEYLESS fly fans—National Enameling & Stamping Co., 411 5th av, New York
KEY RING screw pitch gauges—Athol Machine Co., Athol, Mass.
KEYSER water gauges—Ashcroft Mfg. Co., 119 W. 40th, New York
KEYSTONA varnish—Keystone Varnish Co., 71 Otsego, Brooklyn, N. Y.
KEYSTONE acid proof metal—Keystone Bronze Co., Pittsburgh, Pa.
KEYSTONE auto creepers, steel mats—Keystone Wire Matting Co., Beaver Falls, Pa.
KEYSTONE automobile springs—Keystone Spring Works, 1301 Buttonwood, Phila., Pa.
KEYSTONE ball wicking—R. Bishop Mfg. Co., 157 W. Sixth, South Boston, Mass.
KEYSTONE barn door hangers—McKinney Mfg. Co., N. S. Pittsburgh, Pa.
KEYSTONE belting—L. H. Gilmer Co., Tacony, Phila., Pa.
KEYSTONE black filler—Keystone Mineral Co., 41 Union sq, New York
KEYSTONE blast hole drills & steam shovels—Keystone Driller Co., Beaver Falls, Pa.
KEYSTONE boiler compounds, greases—Keystone Lubricating Co., 21st & Lippincott, Phila., Pa.
KEYSTONE boiler handles—Berger Bros. Co., 229 Arch, Phila., Pa.
KEYSTONE boiler injectors—Jas. A. Griffiths, 1317 Buttonwood, Phila., Pa.
KEYSTONE car flooring—Berger Mfg. Co., Canton, Ohio
KEYSTONE carriage springs—Fernald Mfg. Co., North East, Pa.
KEYSTONE cattle dehorners—Morris T. Phillips, Pomeroy, Pa.
KEYSTONE coil springs—Raymond Mfg. Co., Corry, Pa.
KEYSTONE connecting links, shackle hooks—Keystone Drop Forge Works, Chester, Pa.
KEYSTONE drills, ratchet, wrenches & old man drilling posts—Keystone Mfg. Co., Buffalo, N. Y.
KEYSTONE dumping wagons—Keystone Vehicle Co., Reading, Pa.
KEYSTONE electric railway supplies—Electric Service Supplies Co., 17th & Cambria, Phila., Pa.
KEYSTONE emery & corundum wheels—Walter C. Gold, Phila., Pa.
KEYSTONE exhaust heads—Watson & McDaniel Co., 146 N. 7th, Phila., Pa.
KEYSTONE expansion bolts—Diamond Expansion Bolt Co., 89 West, New York
KEYSTONE farriers' knives—Champion Tool Co., Meadville, Pa.
KEYSTONE feed cutters—Ellis Keystone Agricultural Works, Pottstown, Pa.
KEYSTONE fence staples, telephone wire—Keystone Steel & Wire Co., Peoria, Ill.
KEYSTONE files, grooving saws—H. Disston & Sons (Inc.), Tacony, Phila., Pa.
KEYSTONE fire extinguishers—Jas. Boyd & Bro., 25th & Wharton, Phila., Pa.
KEYSTONE fire-proof floors—Keystone Fireproofing Co., 16 S. Broad, Phila., Pa.
KEYSTONE flexible mats—Geo. A. Williams & Son, 85 Fulton, New York
KEYSTONE floor finish—Keystone Varnish Co., 71 Otsego, Brooklyn, N. Y.
KEYSTONE force feed lubricators—J. E. Lonergan Co., 211 Race, Phila., Pa.
KEYSTONE fruit presses—Keystone Door Check Co., Harrisburg Pa.
KEYSTONE gasoline engines—West Chester Engine Co., West Chester, Pa.
KEYSTONE hair insulators & felt building sheathings—H. W. Johns-Manville Co., Madison av & 41st, New York
KEYSTONE harrows, hay loaders, hay rakes—International Harvester Company of America Inc., Harvester bldg, Chicago, Ill.
KEYSTONE hay & corn cutter knives—Wallingford Mfg. Co., Wallingford, Vt.
KEYSTONE hot air registers—Wm. Highton & Sons Co., Nashua, N. H.
KEYSTONE lamp black—Bihn & Wolff Co., Bridesburg, Phila., Pa.
KEYSTONE lamp chimneys—Macbeth-Evans Glass Co., Pittsburgh, Pa.
KEYSTONE lawn & garden rollers—A. Buch's Sons Co., Elizabethtown, Pa.
KEYSTONE lawn & garden rollers—Harriman Mfg. Co., Harriman, Tenn.
KEYSTONE lever switches—Frank W. Morse, 289 Congress, Boston, Mass.
KEYSTONE lime burning kilns—Steacy-Schmidt Mfg. Co., York, Pa.
KEYSTONE linen thread—R. J. Ederer Thread Co., Elizabeth & Unity, Phila., Pa.
KEYSTONE lubricating oils & greases—Richardson Lubricating Co., Quincy, Ill.
KEYSTONE lubricators—American Lubricator Co., Detroit, Mich.
KEYSTONE meat & food choppers—Colebrookdale Iron Co., Pottstown, Pa.
KEYSTONE mortar colors—Pittsburgh Iron Paint Co., N. S. Pittsburgh, Pa.
KEYSTONE night latches—E. T. Fraim Lock Co., Lancaster, Pa.
KEYSTONE packing—Jno. M. Watt's Sons, 54 N. 2nd, Phila., Pa.
KEYSTONE paint fillers—Keystone Paint & Filler Co., Muncy, Pa.
KEYSTONE paper cutting machines—Standard Machy., Mystic, Conn.
KEYSTONE paper hanger trimmers—A. Allen & Co., 2001 Carpenter, Phila., Pa.
KEYSTONE pipe fittings—Stanley G. Flagg & Co., Morris bldg, Phila., Pa.
KEYSTONE rivetless chains—Wilmot Engng Co., Hazleton, Pa.
KEYSTONE roofing—Keystone Roofing Mfg. Co., York, Pa.
KEYSTONE saw clamps—Woodwell Joseph Co., 207 Wood, Pittsburgh, Pa.
KEYSTONE seals & presses—Keystone Seal & Press Co., 30 Main, New York
KEYSTONE steam shovels—Keystone Driller Co., Beaver Falls, Pa.
KEYSTONE steam & hot water heaters—Broomell, Schmidt & Co., Ltd., York, Pa.
KEYSTONE steel split pulleys—Dodge Steel Pulley Corpn, Oneida, N. Y.
KEYSTONE stove clay—Rogers & Co., Royersford, Pa.
KEYSTONE street washers—Gorecke Mfg. Co., Erie, Pa.
KEYSTONE swivel eye awning blocks—Wilcox, Crittenden & Co., Middletown, Conn.
KEYSTONE upholsterers' tacks—Turner & Seymour Mfg. Co., Torrington, Conn.
KEYSTONE ventilators—Follansbee Bros. Co., Pittsburgh, Pa.
KEYSTONE vises—Hollands Mfg. Co., 352 E. 18th, Erie, Pa.
KEYSTONE water meters—Pittsburgh Meter Co., E. Pittsburgh, Pa.
KEYSTONE well drilling machines—Keystone Driller Co., Beaver Falls, Pa.
KEYSTONE wood fibre plaster—American Cement Plaster Co., Lawrence, Kans.
KHEDIVE clippers—Coates Clipper Mfg. Co., Worcester, Mass.
KHOTAL kerosene furnaces—William H. Otto Metal Goods Corp., 401 St. Paul's av, Jersey City, N. J.
KIBOSH shoe blacking & polishes—Frank Miller Co., 349 W. 26th, New York
KID sight feed lubricators—Detroit Lubricator Co., Detroit, Mich.
KIDIE KAR children's vehicles—H. C. White Co., North Bennington, Vt.
KIEGEL theatre switchboards—Universal Elec. Stage Lighting Co., 240 W. 50th, New York

KIESLER clam shell buckets—Jos. F. Kiesler Co., N. Sangamon & W. Huron, Chicago, Ill.
KILBOURN sand boxes—Frank Ridlon Co., 251a, Boston, Mass.
KILKER'S Matte taping cars—Pacific Foundry Co., 18th & Harrison, San Francisco, Cal.
KILLITOL disinfectants—Norman C. Hayner Co., Rochester, N. Y.
KILZIT disinfectants—Fulton Bag & Cotton Mills, Atlanta, Ga.
KILO wattmeters—Kilo Electric Meter Co., Indianapolis, Ind.
KIMBLE dynamos & motors—Kimble Electric Co., 634 Northwestern av, Chicago, Ill.
KIMBLE-GREGORY electric motors — Guarantee Electric Co., 430 S. Green, Chicago, Ill.
KINDLING street flushing machines—Kindling Machine Co., Milwaukee, Wis.
KINEO range boilers—Walls, Owen & Stambach Co., Phila., Pa.
KINETOSCOPE moving picture machines—Thos. A. Edison, Orange, N. J.
KING annunciators—Partrick & Wilkins Co., 51 N. 7th, Phila., Pa.
KING ash & garbage cans, garbage pails—Cincinnati Galvanizing Co., McMicken av, & Tafel, Cincinnati, Ohio
KING auger bits—Snell Mfg. Co., Fiskdale, Mass.
KING can filling machines—Ayars Machine Co., Salem, N. J.
KING can openers—Browne & Dowd Mfg. Co., Meriden, Conn.
KING—coat & hat hooks—Parker Wire Goods Co., Worcester, Mass.
KING coat & hat wire hooks—Morgan Spring Co., Worcester, Mass.
KING corn planters, feed cutters, root cutters—Donaldson Bros., Mount Clemens, Mich.
KING corn shellers—Whitman Agricultural Co., 7000 S. Broadway, St. Louis, Mo.
KING door hangers, grindstones—Richards-Wilcox Mfg. Co., Aurora, Ill.
KING drain & tiling shovels—Osmundson Spade Mfg. Co., Perry, Ia.
KING minnow nets—W. H. Reisner Mfg. Co., Hagerstown, Md.
KING fly swatters—U. S. Wire Mat Co., Decatur, Ill.
KING gasoline lighting systems—King Light Co., Peoria, Ill.
KING grain drills—King Drill Mfg. Co., Nebraska City, Neb.
KING harness snaps—Covert Mfg. Co., Troy, N. Y.
KING hose—Empire Tire & Rubber Corp., East Trenton, N. J.
KING lamp cord adjusters—Electric Specialty Mfg. Co., Moorehead bldg, Pittsburg, Pa.
KING lawn mowers—Dille & McGuire Mfg. Co., Richmond, Ind.
KING padlock locks—U. S. Lock & H'dwe Co., Columbia, Pa.
KING pipe joint compounds—Walter E. King, 115 W. 3rd, Cincinnati, Ohio
KING piston rod packing—U. S. Metallic Packing Co., 427 N. 13th, Phila., Pa.
KING Pot chains—Woods-Sherwood Co., Worcester, Mass.
KING safety razors—Clark Blade & Razor Co., 119 Sussex av, Newark, N. J.
KING screw drivers—C. E. Jennings & Co., 71 Murray, New York
KING smokeless powder—King Powder Co., First Nat. Bank bldg, Cincinnati, Ohio
KING spirit levels—King Level Works, Brighton, Mich.
KING steam engine governors—Sinker-Davis Co., Indianapolis, Ind.
KING tank heaters—Kelly Foundry & Machine Co., Gosben, Ind.
KING tank pumps—W. S. Nott Co., Mnneapolis, Minn.
KING tube scrapers—Michigan Lubricator Co., Detroit, Mich.
KING water meters—Union Water Meter Co., Worcester, Mass.
KING well buckets—Richmond Cedar Works, Richmond, Va.
KING BEE barn door hangers—Lawrence Bros., Sterling, Ill.
KING BEE pipe clamps—F. A. Nusbaum, 219 Ruffner, Lockland, Ohio
KING BEE stoves—King Stove & Range Co., Sheffield, Ala.
KINGERY'S corn poppers—Kingery Mfg. Co., 420 E. Pease, Cincinnati, Ohio
KINGFISHER fish line—E. J. Martin's Sons, Rockville, Conn.
KINGFISHER HYDRAULIC packing—Strong Machy. & Supply Co., 21 Walker, New York
KINGHORN pump valves—U. S. Indestructible Gasket Co., Church & Fulton, New York
KING-KORE core compounds—Frederic B. Stevens, 3rd & Larned, Detroit, Mich.
KINGLEY automobile wind shields—Western Mechanical Works, Los Angeles, Cal.
KINGMAN harrow carts—Peoria Drill & Seeder Co., Peoria, Ill.
KINGMAN plow coulters, stalk cutters, walking listers—Kingman Plow Co., Peoria, Ill.
KING OF CUTTERS glass cutters—H. C. Hart Mfg. Co., Unionville, Conn.
KING OF POTATO FIELD diggers—H. W. Doughten, Moorestown, N. J.
KING OF THE WOODS hunting knives—Cattaraugus Cutlery Co., Little Valley, N. Y.
KING vacuum cleaner—Chas. W. Emery, 2036 N. 13th, Phila., Pa.
KING'S arc lamp posts—King Foundry Co., St. Joseph, Mo.
KING'S calcined plaster, plaster boards, cold water paints—J. B. King & Co., 17 State, New York
KING'S cold water paints—King Paint Mfg. Co., 449 Kent av, Brooklyn, N. Y.
KING'S gas recording pressure gauges—American Meter Co., 3112 N. 17th, Phila., Pa.
KING'S mountain wall plaster—Southern Gypsum Co., North Holston, Va.
KING'S PATENT blue grass harvesters—R. C. King, Carlisle, Ky.
KING'S sash bolt & support—Smith & Egge Mfg. Co., Bridgeport, Conn.
KING'S-2-RING pot chains—Wire Goods Co., Worcester, Mass.
KING'S wood stains—Chicago White Lead & Oil Co., 1454 S. Western av, Chicago, Ill.
KINGSNAP spring steel snaps—National Safety Snap Co., Wilmington, Ohio
KINGSTON carbureters, spark plugs, circulating pumps, oil & grease cups, steering wheels—Byrne, Kingston & Co., Kokomo, Ind.
KINGSTON gas igniters, spark coils, spark plugs, special tire air pumps—Kokomo Electric Co., Kokomo, Ind.
KINGWOOD stone—Kingwood Quarries Co., Kingwood, W. Va.
KINKEAD alligning & leveling apparatus—Kinkead Mfg. Co., 45 High, Boston, Mass.
KINNARD tractors—Kinnard-Haines Co., Minneapolis, Minn.
KINNEY vacuum pumps—Kinney Mfg. Co., 3529 Washington, Boston, Mass.
KINSMAN electric desk lights—David Killoch Co., 57 Murray, New York
KINSMAN electric desk lights—McLeod, Ward & Co., 430 11th av, New York
KINSMAN lubricating oils & greases—Star Lubricating Oil Co., 8714 B'way, Cleveland, Ohio
KINYCKEST bath heaters—Taylor Burner & Electroplating Co., Ltd., 804 Duquesneway, Pittsburgh, Pa.
KINZIE gasoline blow torches—Turner Brass Works, Sycamore, Ill.
KIP valveless lubricators—Madison-Kipp Lubricator Co., Madison, Wis.
KIPP sight feed lubricators—Madison-Kipp Lubricator Co., Madison, Wis.
KIRBY bung hole borers—United States Bung Mfg. Co., 48 S. 2nd, Brooklyn, N. Y.
KIRBY bung hole borers—L. & I. J. White Co., 143 Perry, Buffalo, N. Y.
KIRBY metallic life boats & rafts, lubricators—Detroit Shipbuilding Co., Detroit, Mich.
KIRCK'S cattle loaders—T. J. Ely Mfg. Co., Erie, Pa.
KIRKER-BENDER fire escapes—Dow Wire & Iron Works, Louisville, Ky.
KIRKWOOD fuel oil burners—Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.
KISMET baking enamels, varnish, wood fillers—Chase, Roberts Co., West av, Long Island City, N. Y.
KIT screw drivers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
KITCHENETTE dish washing machines—Cary, Davis Co., 42 Pearl, Buffalo, N. Y.
KITSON boiler couplings—Jno. Hamilton Brass Works, Bridgeport, Conn.
KITSON ground key cocks & bibbs—Kitson Co., 2819 Oakford, Phila., Pa.
K. KORKERS plumbers' tools—Fleck Bros. Co., 50 N. 5th, Phila., Pa.
KLAMATH rubber hose—Bowers Rubber Works, San Francisco, Cal.

KLAR'S kalsomine—Troy Cold Water Kalsomine Co., Troy, N. Y.
KLAXON automobile horns—Lovell-McConnell Mfg. Co., 194 Wright, Newark, N. J.
KLAY roofing tile—National Roofing Tile Co., Lima, Ohio
KLEAN-ITT paint & varnish remover—W. W. Law-Co., New Hartford, Conn.
KLEARTONE shellac & wood stains—Standard Varnish Wks., 2589 Richmond ter, Elm Park, N. Y.
KLEIN ground connection clamps—Ernest Klein & Bro., 44 Fulton, New York
KLEIN machinery—A. Magnus Sons Co., 327 W. Randolph, Chicago, Ill.
KLEIN pipe tongs—Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
KLEIN pliers & nippers—M. W. Robinson Co., 203 37th, Brooklyn, N. Y.
KLEIN tong bits—Chas. N. Hough Mfg. Co., Franklin, Pa.
KLEIN'S tree trimmers, trolley wire clamps—Mathias Klein & Sons, 562 W. Van Buren, Chicago, Ill.
KLEIN'S METAL telegraph poles' support—Mathias & Sons, 562 W. Van Buren, Chicago, Ill.
KLEMM acetylene gas lamps—Klemm & Co., 132 N. 5th, Phila., Pa.
KLEMM jacks—Oliver Mfg. Co., 326 S. Desplaines, Chicago, Ill.
KLENSA paint & varnish remover—Standard Varnish Works, 90 West Park, N. Y.
KLENZER compounds—Fitzpatrick Bros., 1319 W. 32nd pl, Chicago, Ill.
KLENZOLA mechanics' hand soap—H. P. Weller Supply Co., Erie, Pa.
KLIEGL electric stage lights—Universal Electric Stage Lighting Co., 240 W. 50th, New York.
KLINE hydraulic rams—Geo. S. Comstock & Son, Mechanicsburg, Ohio
KLING hame fasteners—National Safety Snap Co., Wilmington, Ohio
KLINGER gauge glasses,, water gauges—Jerguson Gage & Valve Co., 358 Atlantic av, Boston, Mass.
KLINGER water gauges—Wiltbonco Mfg. Co., 24 Porter, Boston, Mass.
KLINGERIT packing—Crane Co., 836 S. Michigan av, Chicago, Ill.
KLINGFAST belt cements—J. E. Rhoads & Sons, 12 N. 3rd, Phila., Pa.
KLINGFAST pipe vises—Walworth Mfg. Co., Boston, Mass.
KLING KOAT paints—Concrete Waterproof Paint Co., 827 N. 3rd, Phila., Pa.
KLINGRET type rubber solution machines—Werner & Pfleiderer Co., 1232 N. Niagara, Saginaw, Mich.
KLINGTITE flexible fabric tubing, hose couplings—James Mfg. Co., Cleveland, Ohio
KLINGTITE steam packing—Niagara Falls (Ont.) Gasket & Packing Co., Church & Fulton, New York
KLIPPER clothes washing machines—H. F. Brammer Mfg. Co., Davenport, Ia.
KLONDIKE incubators & brooders—Klondike Incubator Co., Des Moines, Ia.
KLONDIKE tank heaters—Butler Co., Butler, Ind.
KLYMAX fountain pen clips—Consolidated Safety Pin Co., Bloomfield, N. J.
KLYMAX steam heaters—International Heater Co., Utica, N. Y.
KNAPP annunciators—Moon Mfg. Co., 122 N. Jefferson, Chicago, Ill.
KNAPP broom holders, carpet stretchers—Bradley & Farnham, Middlefield, Conn.
KNAPP trace carriers—North & Judd Mfg. Co., New Britain, Conn.
KNAPP'S pressure reducing valves, feed water regulators, metal studs—Knapp Bros. Mfg. Co., 2419 W. 14th, Chicago, Ill.
KNAPSACK potato sprayer pumps—Field Force Pump Co., Elmira, N. Y.
KNEAD-FULL bread mixers—Gem Stamped Steel Co., Chelsea, Mass.
KNICKERBOCKER caen stone cements—King C. Volney, 517 West, New York
KNICKERBOCKER hot water radiators—Mackay Mfg. Co., 234 Water, New York
KNICKERBOCKER thermometers—C. J. Tagliabue Mfg. Co., 18 33d, Brooklyn, N. Y.
KNIFE-HANDLE wrenches—Coes Wrench Co., Worcester, Mass.
KNIGHT ALL WHITE STA-KLEEN soda fountain—Knight Soda Fountain Co., 351 W. Chicago, Ill.
KNIGHT BRANDS cutting compounds, soluble lard, cutting & coil oils & grease cup lubricators—Warren G. Black Oil Co., Century bldg, Cleveland, Ohio
KNIGHT'S saw mill dogs—American Sawmill Machinery Co., Hackettstown, N. J.
KNIPE'S ball bearings—Pressed Steel Mfg. Co., Land Title bldg, Phila., Pa.
KNO-BURN expanded metal lath—Northwestern Expanded Metal Co., Old Colony bldg, Chicago, Ill.
KNO-PAK valves & joints—Universal Valve Co., Burlington, Wis.
KNOCKABOUT electric lamp flashlights—E. Marcuson, 136 Liberty, New York
KNOCKER fertilizer distributors—B. F. Avery & Sons, Louisville, Ky.
KNOCK-OUT rat traps—N. R. Streeter & Co., Rochester, N. Y.
KNODERER gas furnaces—Learn & Brindle, Columbus, Ohio
KNO-EQUAL plasters' steel corner beads—Northwestern Expanded Metal Co., Old Colony bldg, Chicago, Ill.
KNOLL washing machines—Janas L. Knoll Mfg. Co., Lebanon, Pa.
KNOSTRAIN socket bushings—Stewart, Frank H. Electric Co., 35 N. 7th, Phila., Pa.
KNOT PASSING clothes line pulleys—Peck, Stow & Wilcox Co., Southington, Conn.
KNOTTS gear driven static electric machines—L. E. Knott Apparatus Co., 79 Amherst, Cambridge, Mass.
KNOWLES key-seating machines—Pawtucket Mfg. Co., Pawtucket, R. I.
KNOWLTON hammock—Gold Metal Camp Furniture Mfg. Co., Racine, Wis.
KNOWLTON packing—Geo. W. Knowlton Rubber Co., 60 Pearl, Boston, Mass.
KNOWLTON packing—Lubron Co., Everett, Mass.
KNOX fluting machines—North Bros. Mfg. Co., Lehigh av & American, Phila., Pa.
KNOX gasoline engines, propeller wheels, carbureters—Camden Anchor-Rockland Mach. Co., Camden, Me.
KNOX hose carriages & carts—Wirt & Knox Mfg. Co., 22 N. 4th, Phila., Pa.
KNOX open hearth furnace doors—Keystone Bronze Co., Pittsburgh, Pa.
KNOX open hearth furnace doors & frames & electric welding—Blaw-Knox Co., Farmers Bank bldg, Pittsburgh, Pa.
KNOX potato diggers—Gowanda Agricultural Works, Gowanda, N. Y.
KNOX sole blocking machines—Quarmby & Hilliker, Lynn, Mass.
KNOX tractors—Knox Motors Co., Springfield, Mass.
KNOX truck units—Knox Motors Co., Springfield, Mass.
KNOX water tube cleaners—Hubbard & Co., Washington, D. C.
KNOXALL barn door hangers, wire stretchers—Hunt, Helm, Ferris & Co., Harvard, Ill.
KNOXALL clothes washing machines—H. F. Brammer Mfg. Co., Davenport, Ia.
KNOXALL vegetable oil soap—Hoosier Mfg. Co., 45 S. Cruse, Indianapolis, Ind.
KNUTSON trolley catchers—Trolley Supply Co., Canton, Ohio
KNUTSON trolley catchers & retrievers—Electric Service Supplies Co., 17th & Cambria, Phila., Pa.
KOASTER KID children's vehicles—Louis Amberg & Son, 701 E. 16th, New York
KODAK cameras—Eastman Kodak Co., Rochester, N. Y.
KOEHLER miners' safety lamps—Koehler Mfg. Co., Marlboro, Mass.
KOEHRING concrete mixers, concrete bucket hoists—Koehring Machine Co., Milwaukee, Wis.
KOERTING boiler injectors, boiler testing machines, fuel oil burners, spray nozzles, mine ventilators hydrokineters—Schutte & Koerting Co., 1251 N. 12th, Phila., Pa.
KOETH'S interchangeable tools—Currier-Koeth Mfg. Co., Coudersport, Pa.
KOH-I-NOOR snap fasteners—Waldes & Co., 137 5th av, New York
KOHIRAUSCH bridges—Leeds & Northrup Co., Stenton av, Gtn., Phila., Pa.
KOHLER hot air furnaces—Hertig Furnace Co., 1342 Columbus av, Boston, Mass.
KOHLER post hole diggers, currycombs—F. E. Kohler Co., Canton, Ohio
KOKOMO motor cycles—Shaw Mfg. Co., Galesburg, Kans.
KOKOMO HI SPEED vertical drilling machines—Superior Machine Tool Co., Kokomo, Ind.
KOKOMO wire fences & gates—Kokomo Steel & Wire Co., Kokomo, Ind.
KO-KO-NO DUST sweeping compounds—Alcatraz Co., Inc., Richmond, Va.
KOKOSING feed cutters—Hocking Valley Mfg. Co., Lancaster, Ohio

KOLLING corn huskers—Kolling Husker Works, Arlington Heights, Ill.
KOLL'S porch columns—Hartmann Sanders Co., 2155 Elston av, Chicago, Ill.
KOLORFAST fibre matting—Harvey Fibre Carpet Co., Janney & E. Allegheny av, Phila., Pa.
KOMFORT linemen's climbers—Kilborn & Bishop Co., New Haven, Conn.
KOMI porch curtain shades—R. H. Comey Co., Camden, N. J.
KOMO steam traps—Linton Machine Co., 26 Cortlandt, New York
KOMPAK tool kits—Napanach Knife Co., Napanach, N. Y.
KOMPOLITE sanitary flooring—General Kompolite Co., 327 Borden av, Long Island City, N. Y.
KOMTSPLIT valve handles—Holton-Abbott Mfg. Co., 59 Goram, West Somerville, Mass.
KONICAL ventilators—Eller Mfg. Co., Canton, Ohio
KONTAK waterproof belting—Geo. Rahmann & Co., 31 Spruce, New York
KOOCHOOK pneumatic tires—Koochook Rubber Co., 3200 Locust, St. Louis, Mo.
KOOKSON steam separators—D. T. Williams Valve Co., Cincinnati, Ohio
KOPKA awnings—Wyandotte Awning & Tent Co., Kansas City, Kans.
KOPPER-KOTE copper paints—Armstrong Paint & Varnish Works, 2502 S. Paulina, Chicago, Ill.
KOPPERS by-product ovens—H. Koppers Co., Union Arcade, Pittsburgh, Pa.
KOR-KER tire cements & tire treatment preparations—Alcemo Mfg. Co., 35 Bridge, Newark, N. J.
KORFF sink frames—Korff Mfg. Co., Lansing, Mich.
KORKA water closets—Jas. Barrett Mfg. Co., 117 Pearl, Boston, Mass.
KORKSTONE sanitary flooring—Williams-Wendt Co., 118 N. La Salle, Chicago, Ill.
KORN KING grist mills—Root-Heath Mfg. Co., Plymouth, Ohio
KORN KING shoveling & end gate boards—Knapheide, Henry, Wagon Co., Quincy, Ill.
KORN'S crayons—Wm. Korn, 120 Center, New York
KORO blacking for dry sand—Hill & Griffith Co., 1248 State av, Cincinnati, Ohio
KORONA cameras—Gundlach Manhattan Optical Co., Rochester, N. Y.
KORRECT leather measuring machines—Turner Tanning Machinery Co., Peabody, Mass.
KOSAT insulating paper—Bird & Son, East Walpole, Mass.
KOSMOS cement—Kosmos Portland Cement Co., Kosmosdale, Ky.
KOST gas jet heaters—Kohler Die & Specialty Co., De Kalb, Ill.
KRAC-A-JAC glass cutters—J. E. Miller & Co., 330 W. Kinzie, Chicago, Ill.
KRACKERJACK Christmas tree holders—E. L. Reed Mfg. Co., Sterling, Ill.
KRAEMER range lighters—Kraemer Mfg. Co., 157 Chambers, New York
KRAFT wrapping paper—Southern Fibre Co., Portsmouth, Va.
KRAMER adjustable electric desk lamps—Imperial Brass Mfg. Co., 524 S. Racine av, Chicago, Ill.
KRAMER concrete tampers—Kramer Automatic Tamper Co., Peoria, Ill.
KRAMER farm wagons—Kramer Wagon Co., Oil City, Pa.
KRAOPLATE composition blackboards—Atlas School Supply Co., 531 S. Peoria, Chicago, Ill.
KRAUS beet cultivators—Akron Cultivator Co., Akron, Ohio
KRAUSE embossing presses—H. Hinze, 460 W. 149th, New York
KREMLO storage batteries — McCauley Storage Battery Co., 1060 St. Clair, Cleveland, Ohio
KREODONE wood paving blocks—Republic Creosoting Co., Indianapolis, Ind.
KREOLEKRAFT paper—Southern Paper Co., Moss Point, Miss.
KREOLITE wood block flooring—Jennison-Wright Co., Toledo, Ohio
KRE-O-SEP-TIC wood preservatives—St. Paul White Lead & Oil Co., St. Paul, Minn.
KRETCHMER honey extractors—Kretchmer Mfg. Co., Council Bluffs, Ia.
KRICKS animal pokes, cattle leaders—Theo. J. Ely Mfg. Co., Erie, Pa.
KRIEBEL vacuum heating system—Vapor-Vacuum Heating Co., 1215 Walnut, Philadelphia, Pa.
KRIS-KROS box fasteners—Cary Mfg. Co., Nassau & Jay, Brooklyn, N. Y.
KRISOLITE wood fibre plaster—American Cement Plaster Co., Lawrence, Kans.
KRISP-KRUST pie plates—National Mfg. Co., Worcester, Mass.
KRITZER lime hydrating machinery—Kritzer Co., 72 W. Adams, Chicago, Ill.
KROESCHELL feed water heaters—Kroeschell Bros., Co., 440 W. Erie, Chicago, Ill.
KROESCHELL SCHWARTZ crucible furnaces—Kroeschell Bros. Co., 440 W. Erie, Chicago, Ill.
KROH storm robes—C. Z. Kroh Mfg. Co., Toledo, Ohio
KROM belt lacing—California Tanning Co., 1905 Shenandoah av, St. Louis, Mo.
KROM ore concentrators, crushing rolls—Krom Machine Works, 170 Broadway, New York
KROMA paints, toy & school water color—American Crayon Co., 1300 Hayes av, Sandusky, Ohio, & Waltham, Mass.
KROME belting, leather packing, hydraulic & mechanical leather—Chicago Rawhide Mfg. Co., 1301 Elston av, Chicago, Ill.
KROMHYDE belt lacing—Norwich Belt Mfg. Co., Norwich, Conn.
KRONAUER'S automobile trunks—Chas. Kronauer & Co., 844 Fulton, Chicago, Ill.
KROTZ oil filters—Akron Belting Co., Akron, Ohio
KRUEGER gasoline engines—San Antonio Machine & Supply Co., San Antonio, Texas
KRUPP grinding & crushing & ball & pebble mills—Thos. Prosser & Son, 15 Gold, New York
KRYPSTOK lenses—Bausch & Lomb Optical Co., Rochester, N. Y.
KRYSTAL soiloff hand soap—R. M. Hollingshead Co., Camden, N. J.
KUHNE'S truss metal concrete reinforcing—American Rolling Mill Co., Middletown, Ohio
KUHNE'S CLINCHER metal lath—American Rolling Mill Co., Middletown, Ohio
KUHN'S stove door pins—Corbin Screw Corporation, New Britain, Conn.
KUMFY gas jet heaters—Ohio State Stove Co., Columbus, Ohio
KUMINGSUM packing—Crandall Packing Co., Palmyra, N. Y.
KUM-OFF paint & varnish remover—Twin City Varnish Co., St. Paul, Minn.
KUNKLE pop safety valves—E. B. Kunkle & Co., Fort Wayne, Ind.
KUNKLE pop safety valves—Wm. Powell Co., Cincinnati, Ohio
KUP-KAN oil cans & engine machine oilers—Boggs Auto Supply Co., Ft. Dodge, Ia.
KURTSON tumbler holders—Garden City Plating & Mfg. Co., 1430 S. Talman av, Chicago, Ill.
KURTZ piston rings—Canton Auto Parts Mfg. Co., Canton, Ohio
K-U-T-A fire hydrants—Cayuta Mfg. Co., Sayre, Pa.
KUT-KOTE paint & varnish remover—F. W. Thurston Co., 1832 S. Clark, Chicago, Ill.
KUTRITE gears—Bickett Machine & Mfg. Co., Cincinnati, Ohio
KUTZTOWN towel bars—Garden City Plating & Mfg. Co., 1430 S. Talman av, Chicago, Ill.
KWASIND cover paper—Hampden Glazed Paper & Card Co., Holyoke, Mass.
KWICKSHARP knife & scissors grinders, sugar dispensers—Spengler-Loomis Mfg. Co., 58 E. Washington, Chicago, Ill.
KWICKWORK carbon removers, enamels & insulating varnish—Standard Varnish Works, 90 West, New York
KWIK KUT hack saw machines—E. C. Atkins & Co., Indianapolis, Ind.
KWIK-LITE electric lamp flashlights—Bridgeport Metal Goods Mfg. Co., Bridgeport, Conn.
KWIK-LITE electric lamp flashlights—Usona Mfg. Co., 1 Hudson, New York
KYANIZE enamels, floor finish, linoleum varnishes—Boston Varnish Co., Everett Station, Boston, Mass.
KYLE arc lamp insulators—Line Material Co., S. Milwaukee, Wis.
KYMOI packing—Crandall Packing Co., Palmyra, N. Y.

L. B. ball cocks—L. B. Brass Co., Peabody, Mass.
L. B. flat copper connectors—Lemke Electric Co., 509 Cedar, Milwaukee, Wis.
L. B. L. hame fasteners—Covert Saddlery Works, Interlaken, N. Y.
L. B. TAYLOR'S speed indicators—Thos. Packer, Union City, Conn.
L. C. SMITH hammerless & hammer breach loading guns—Hunter Arms Co., Fulton, New York
L. D. P. kitchen knives—L. D. Parkhurst, Danielson, Conn.
L. E. GANT rubber bottles—Tyer Rubber Co., Andover, Mass.
L. F. C. lemon squeezers—Landers, Frary & Clark, New Britain, Conn.

L. F. & C. metal polish—Landers, Frary & Clark, New Britain, Conn.
L. N. brake beams—Joliet Railway Supply Co., Joliet, Ill.
L. S. I. CO. tuyere irons—Wrightsville Hardware Co., Wrightsville, Pa.
L. T. door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
L. W. stoves & ranges—Lattimer Stove Co., Columbus, Ohio
L-W twist drills—Lincoln-Williams Twist Drills Co., Taunton, Mass.
L-X belt awls, chisels, clamps, dressing, fasteners, pliers, lacing, couplings, groovers, hammers, knives, punches, belt makers' planes & lacing studs—Manufacturers' Belt Hook Co., 1321 W. Congress, Chicago, Ill.
L. X. L. reversible rachet drills—Lowell Wrench Co., Worcester, Mass.
L. X. V. spark plugs—Automobile Equipment Co., Detroit, Mich.
L-XX high speed steel—Atlas Crucible Steel Co., Dunkirk, N. Y.
L. & A. foundry vibrators—Pressed Steel Co., Muskegon, Mich.
L. & G. butchers' knives—Landers, Frary & Clark, New Britain, Conn.
L. & G. pipe straps, sinks & trays—Lalance & Grosjean Mfg. Co., 299 Broadway, New York
L. & L. lighting fixtures, ceiling switches, locknut bushings, lock lamp guards—Chas. W. Leveridge, 133 Liberty, New York
L. & M. shoe loosener tools—Adam A. Long, Rochester, N. Y.
L. & R. Orange Extra black sporting powder—Hercules Powder Co., Wilmington, Del.
L. & S. anti-rail creepers—Belle City Malleable Iron Co., Racine, Wis.
L. & S. I. Co., lemon squeezers, tack hammers—Wrightsville Hardware Co., Wrightsville, Pa.
LA BELLE saw arbors—Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
LAC-A-GERM varnish—Adams & Elting Co., 726 W. Washington, Chicago, Ill.
LACANITE electrical fittings, telephone receivers, mouth pieces, terminal blocks, push buttons, crank handles—Scranton Button Co., Scranton, Pa.
LACE WEB cushion springs—Trenton Spring Mattress Co., Trenton, N. J.
LACKAWANNA blast furnaces & interlocking steel piling—Lackawanna Steel Co., Buffalo, N. Y.
LACKAWANNA gas & oil engines—Lackawanna Mfg. Co., Ballston Spa., N. Y.
LACKAWANNA lubricators—Crescent Mfg. Co., Scottdale, Pa.
LACKO parting compounds—Wedron Silica Co., Ottawa, Ill.
LACLEDE-CHRISTY gas retort benches—Laclede-Christy Clay Products Co., Manchester & Sulphur avs, St. Louis, Mo.
LACQUERET floor finish—Standard Varnish Works, 2589 Richmond ter, Elm Park, N. Y.
LA CROSSE disc harrows—La Crosse Plow Co., La Crosse, Wis.
LA CROSSE farm wagons—Smith Mfg. Co., La Crosse, Wis.
LA CROSSE harrows, plow coulters, riding listers—La Crosse Plow Co., La Crosse, Wis.
LA CROSSE potato sprayers—McKenzie Bros. Mfg. Co., La Crosse, Wis.
LADEL sawdust separators, rolling mill & store trucks—Ladel Mfg. Co., New Philadelphia, Pa.
LADY ENSLEY pig iron—Sloss, Sheffield Steel & Iron Co., Birmingham, Ala.
LADY'S FRIEND ironing board stands—Household Mfg. Co., Royersford, Pa.
LAFAYETTE cotton hose—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
LAFAYETTE reclaimed rubber—Manufactured Rubber Co., Penna. bldg, Phila., Pa.
LAFFITTE brazing compounds, welding plates—Phillips-Laffitte Co., Penna. bldg, Phila., Pa.
LA FOLLETTE FOUNDRY blast furnaces—La Follette Coal & Iron Co., La Follette, Tenn.
LA FRANCE dusters—S. Levy, 618 New Market, Phila., Pa.
LAGONDA fiue cutters & suction strainers—Lagonda Mfg. Co., Springfield, Ohio
LA GRANGE rubber bottles—Tyer Rubber Co., Andover, Mass.
LAKE CITY axes—Romer Axe Co., Dunkirk, N. Y.
LAKE CITY farm wagons—Neal, Johns & Co., Lake City, Minn.
LAKE key-seating machines—Mercury Machine Co., 2127 N. Broad, Phila., Pa.
LAKESIDE forgings & wrenches—Lakeside Forge Co., Erie, Pa.
LAKESIDE packing & hose—Peerless Rubber Mfg. Co., 31 Warren, New York.
LAKESIDE shoveling & end gate boards—Bristol & Gale Co., 158 Carroll av, Chicago, Ill.
LAKESIDE truck units—Lakeside Motor Truck Co., 3751 Wentworth, Chicago, Ill.
LAKEWOOD construction equipment, industrial equipment & concrete mixers—Lakewood Engineering Co., Cleveland, Ohio
LAKEWOOD lawn mowers—Coldwell Lawn Mower Co., Newburgh, N. Y.
LAKEWOOD scale boxes—Ohio Ceramic Engineering Co., Berea rd, Cleveland, Ohio
LAKIN HICKEY conduit benders—Thomas & Betts Co., 63 Vesey, New York
LALLY fire proof columns—U. S. Column Co., Cambridge, Mass.
LAMB wire stretchers—Peerless Wire Fence Co., Adrian, Mich.
LAMBERT gas engines, gasoline traction engines—Buckeye Mfg. Co., Anderson, Ind.
LAMBERT water meters—Thomson Meter Co., 110 Bridge, Brooklyn, N. Y.
LAMINAR fibre boxes, mill baskets, mill trucks, roving cans—American Vulcanized Fibre Co., 504 Equitable bldg, Wilmington, Del.
LAMINAR roving cans—Diamond State Fibre Co., Elsmere, Del.
LAMINATED brass shims—Laminated Shim Co., 533 Canal, New York
LAMONT rotary screens—Black-Clawson Co., Hamilton, Ohio
LAMSON coin cashiers—Lamson Co., 100 Boylston, Boston, Mass.
LAMSON RAPID case hardened engineers' wrenches—Lamson & Sessions Co., 2188 Scranton rd, S. W., Cleveland, Ohio
LANCASTER automobile lamp lenses—Lancaster Lens Co., Lancaster, Ohio
LANCASTER brake shoes—Lancaster Iron Works, Lancaster, Pa.
LANCASTER enamels—Lincoln Paint & Color Co., Lincoln, Nebr.
LANCASTER hay rakes—Hocking Valley Mfg. Co., Lancaster, Ohio
LANCASTER tire & axle shrinkers—Champion Blower & Forge Co., Lancaster, Pa.
LANCING ash sifters—Gier Pressed Steel Co., Lansing, Mich.
LANCO balata belting—Republic Rubber Co., Youngstown, Ohio
LANDEE'S comealongs—Mathias Klein & Sons, 562 W. Van Buren, Chicago, Ill.
LANDERS counter scales—Landers, Frary & Clark, New Britain, Conn.
LANDIS bolt pointing machines & threading machines—Landis Machine Co., Waynesboro, Pa.
LANDIS fishing tackle boxes—Wilson F. Coretz Co., 323 W. Lake, Chicago, Ill.
LANDIS roll grinders—Landis Tool Co., Waynesboro, Pa.
LANDIS shock absorbers—Landis Engng. & Mfg. Co., Waynesboro, Pa.
LANDRAL cutting oils—Farr Mfg. Co., No. Tonawanda, N. Y.
LANE Chilian mills—Lane Mill & Machinery Co., Los Angeles, Cal.
LANE fire door hangers—Allith-Prouty Co., Danville, Ill.
LANE friction clutches—Wellman-Seaver-Morgan Co., Cleveland, Ohio
LANE joist hangers—W. J. Clark Co., Salem, Ohio
LANE'S automobile jacks—Lane Bros. Co., Poughkeepsie, N. Y.
LANE'S PAT rolling ladders—Lane Bros. Co., Poughkeepsie, N. Y.
LANES STANDARD door hangers—Lane Bros. Co., Poughkeepsie, N. Y.
LANG farm wagons—Lang & Bro. Mfg. & Merc. Co., Farmington, Mo.
LANG tool holders—Crescent Forgings Co., Oakmont, Pa.
LANGDON mitre boxes—Millers Falls Co., Millers Falls, Mass.
LANGLEBEN carbon brushes—Hart & Co., Fostoria, Ohio
LANIUS railway signal flags—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
LANKFORD horse collars—Couch Bros. Mfg. Co., Atlanta, Ga.
LANSDALE steam & hot water heaters—Heebner & Sons, Lansdale, Pa.
LANSING concrete mixers, rock crushers, wire & picket fence machines—Lansing Co., Lansing, Mich.
LANSING corn poppers—Gier Pressed Steel Co., Lansing, Mich.

LAPIDOLITH concrete hardeners—L. Sonneborn Sons, 262 Pearl, New York
LARAMIE standard cement plaster—Acme Cement Plaster Co., Frisco bldg, St. Louis, Mo.
LARD oil kerosene lamp burners—Edw. Miller & Co., Meriden, Conn.
LARK sulky hay rakes—Acme Harvester Machine Co., Peoria, Ill.
LARKIN fire extinguishers—Larkin Mfg. Co., Dayton, Ohio
LARKINS packing—Larkins Metallic Packing Co., 400 Duq. Way, Pittsburgh, Pa.
LARMUTH high speed wire stranding machines—New England Machinery Co., New Haven, Conn.
LA RACK ratchet wrenches—Mechanical Specialties Co., 122 S. Michigan av, Chicago, Ill.
LARSON suction ventilators—Larson Bros., Johnsonburg, Pa.
LARSONS babbitt metal—Damascus Bronze Co., N. S., Pittsburgh, Pa.
LARSONS blacksmiths' nippers—Washington Tool Co., Owatonna, Minn.
LA SALLE belting, rubber hose—Empire Tire & Rubber Corp., East Trenton, N. J.
LASCO spark plugs—Louisville Auto Supply Co., Louisville, Ky.
LASCO wind shields—London Auto Supply Co., 2540 S. Wabash av, Chicago, Ill.
LASHAR plated silverware—International Silver Co., Meriden, Conn.
LASHER'S spring handle pot covers—Cassady, Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
LAST WORD test indicators—Henry A. Lowe, Cleveland, Ohio
LASURE friction clutch pulleys—Mutual Mfg. Co., Rudd, Ia.
LATHEROIL liquid soap—Fischer Heinrich Co., 2715 Colerain av, Cincinnati, Ohio
LATHROP'S belt awls—Greene, Tweed & Co., 109 Duane, New York
LATROBE car couplers—National Malleable Castings Co., 7706 Platt av, S. E., Cleveland, Ohio
LA TUQUE turpentine—Brown Corp., Portland, Me.
LAUN-DRY-ETTE washer & dryer—Home Specialty Mfg. Co., 1015 Power av, Cleveland, Ohio
LAUREL stoves—Art Store Co., Detroit, Mich.
LAUSON engines—John Lauson Mfg. Co., New Holstein, Wis.
LAUSON hard oil finish—Valentine & Co., 456 4th av, New York
LAVA kitchen enameled ware—Cleveland Stamping & Tool Co., Cleveland, Ohio
LAVARCK marine gears—Marine Mfg. & Supply Co., 158 South, New York
LAVIGNE expansive bits—Kilborn & Bishop Co., New Haven, Conn.
LAVITE lava—D. M. Steward Mfg. Co., Chattanooga, Tenn.
LAW hay carriers—Hackney Mfg. Co., St. Paul, Minn.
LAWCO window ventilators—F. H. Lawson Co., Cincinnati, Ohio
LAWLER'S boiler couplings, boiler feeders, expansion tanks, steam traps—Lawler Regulator Co., 55 W. Houston, New York
LAW-RE-MO wall finish—W. W. Lawrence & Co., Pittsburgh, Pa.
LAWRENCE baffle plates—Meek Oven Mfg. Co., Newburyport, Mass.
LAWRENCE bobbin holders, spooler guides—Draper Corp., Hopedale, Mass.
LAWRENCE door hangers—Lawrence Bros., Sterling, Ill.
LAWRENCE paints, enamels, white & red lead—W. W. Lawrence & Co., Pittsburgh, Pa.
LAWRENCE pumps—Lawrence Machine Co., 40 Island, Lawrence, Mass.
LAWRENCE sad iron heaters—Jewett & Co., Buffalo, N. Y.
LAWSON architectural enamels, railway varnishes—Valentine & Co., 456 Fourth av, New York
LAWSON garden barrows, freight wagons, store trucks, wood split pulleys—Menasha Wood Split Pulley Co., Menasha, Wis.
LAWSON gas heaters—Lawson Mfg. Co., Homestead, Pa.
LAWSON tractors—John Lawson Mfg. Co., New Holstein, Wis.
LAWSON wire rope tramways—Interstate Equipment Corp., 10 Wall, New York
LAWSON'S wire rope tramways—Consolidated Tramway Co., Roanoke, Va.
LAWTER tractors—Lawter Tractor Co., St. Marys, Ohio
LAYBOY paper stackers—Erie Lay Boy Co., Erie, Pa.
LAYNE centrifugal pumps—Layne & Bowler Corp., Los Angeles, Cal.
LA ZIER gas engines—Lazier Gas Engine Co., 190 Main, Buffalo, N. Y.
LEA water flow recorders—Yarnall-Waring Co., 1001 Harrison bldg, Phila., Pa.
LEACH locomotive sanders—United States Metallic Packing Co., 423 N. 13th, Phila., Pa.
LEACH pattern saw sets—Bullock Mfg. Associates, Springfield, Mass.
LEA-DEGEN high duty pumps—Nash Engineering Co., South Norwalk, Conn.
LEA-DUCK waterproof belting—W. H. Salisbury & Co., 105 S. Wabash av, Chicago, Ill.
LEA-SIMPLEX cold-saw cutting-off machines—Lea Equipment Co., Stenton & Wyoming avs, Phila., Pa.
LEAD ALL reversible pocket screw drivers & coping saws—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
LEADER automobile jacks—National-Standard Co., Box 211, Niles, Mich.
LEADER beet cultivators—Hayes Pump & Planter Co., Galva, Ill.
LEADER boiler feeders, injectors—Randle Machinery Co., C. H. & D. Ry. & Powers, Cumville, Cincinnati, Ohio
LEADER cement brick machines—Starch Bros. Co., La Crosse, Wis.
LEADER center grinders—Leader Mfg. Co., Springfield, Ohio
LEADER cobblers' outfits—Root-Heath Mfg. Co., Plymouth, Ohio
LEADER cone shaped fly traps—Reynolds Wire Co., Dixon, Ill.
LEADER drag road scrapers — Slusser-McLean Scraper Co., Sidney, Ohio
LEADER dry batteries—Emil J. Tardie, 156 5th av, New York
LEADER electric lighting systems, pneumatic water supply systems—Leader Iron Works, 201 Jasper, Decatur, Ill.
LEADER ensilage & fodder cutters—Jos. Dick Mfg. Co., Canton, Ohio
LEADER envelope machines—Lester & Wasley Co., Norwich, Conn.
LEADER farm tractors & traction engines—Dayton-Dick Co., Quincy, Ill.
LEADER feed carriers, hay carriers—Milwaukee Hay Tool Co., Milwaukee, Wis.
LEADER garment hangers, lemon squeezers—Rocky Hill Hardware Co., Rocky Hill, Conn.
LEADER gas engines—Field Force Pump Co., Elmira, N. Y.
LEADER gasoline pumps—Eastern Oil Tank Co., Lowell, Mass.
LEADER glass cutters—Fletcher, Terry Co., Forestville, Conn.
LEADER grass catchers—Hasseries, Carl, E. 55th & B'way, Cleveland, Ohio
LEADER grass catchers—Specialty Mfg. Co., St. Anthony Park, Minn.
LEADER horse nails—Standard Horse Nail Co., New Brighton, Pa.
LEADER hot water heaters—Putnam Foundry & Machine Co., Putnam, Conn.
LEADER lawn mowers—Granite State Mowing Machine Co., Hinsdale, N. H.
LEADER range boilers—Haines, Jones & Cadbury Co., 1130 Ridge av, Phila., Pa.
LEADER hose & insulating tape—Boston Woven Hose & Rubber Co., Cambridge, Mass.
LEADER rural mail boxes—Superior Sheet Metal Works Co., 3201 Roosevelt av, Indianapolis, Ind.
LEADER screw drivers—Stanley Rule & Level Co., New Britain, Conn.
LEADER soldering sets—W. L. Barrett, Bristol, Conn.
LEADER spark plugs—Bigsby Mfg. Co., Cleveland, Ohio
LEADER spark plugs—Long Bros., Kokomo, Ind.
LEADER step ladders—Rich Pump Co., South & Depot, Cincinnati, Ohio
LEADER walking cultivators—Hayes Pump & Planter Co., Galva, Ill.
LEADER waste baling presses—Petroleum Iron Works Co., Sharon, Pa.
LEADER whip socket fasteners—Searls Mfg. Co., 29 Mulberry, Newark, N. J.
LEADITE pipe joint compounds—Leadite Co., Land Title bldg, Phila., Pa.
LEAGUE'S pneumatic tires—League Tire Co., South Bend, Ind.
LEAKANOT boot waterproofing—National Rubber Co., 4414 Papin, St. Louis, Mo.
LEAK-PROOF packing & piston rings—McQuay-Norris Co., 2808-14 Locust, St. Louis, Mo.
LEATHER LAC carriage top dressing—Eberson Paint Co., 1822 Morgan, St. Louis, Mo.
LEATHERENE upholsterers' tacks—Mattatuck Mfg. Co., Waterbury, Conn.

LEATHERLAC carriage top dressing—R. F. Johnston Paint Co., Pearl & Main, Cincinnati, Ohio
LEATHEROID baskets, boxes, tool cases, roving cans, sample cases, trunks, hard, insulated & vulcanized fibre—Rogers' Fibre Co. (Leatheroid Mfg. Co.), 121 Beach, Boston, Mass.
LEATHEROID rubber roofing—Union Paper & Twine Co., 125 St. Clair av, N. W. Cleveland, Ohio
LEATH-R-NU carriage top dressing—Nu-Back Mfg. Co., 114 N. Commercial, St. Louis, Mo.
LEAVITT cattle dehorners—Leavitt Mfg. Co., Urbana, Ill.
LE BLOND belt shifters—R. K. Le Blond Machine Tool Co., Cincinnati, Ohio
LE CARBONE carbon brushes—W. J. Jeandron, 172 Fulton, New York
LE CHATELIER pyrometers—S. H. Stupakoff, Pittsburgh, Pa.
LE CHATELIER pyrometers—Wilson-Maeulen Co., 781 E. 42nd, New York
LECHLER spark plugs—Rhineland Machine Works, 1737 Broadway, New York
LECLANCHE battery bars zincs—Matthiessen & Hegeler Zinc Co., La Salle, Ill.
LECO disconnecting switches, ground connection clamps, switch protectors—Lord Mfg. Co., 105 W. 40th, New York
LECTROFLATER tire air pumps—Black & Decker Mfg. Co., 111 S. Calvert, Baltimore, Md.
LEDIC lightning arresters—Lafayette Electric & Mfg. Co., Lafayette, Ind.
LEDIG KEYSTONE children's vehicles—A. Mecky Co., 1707 Allegheny av, Phila., Pa.
LEE bread crumbling machines—Goodell Co., Antrim, N. H.
LEE rubber tires—Lee Tire & Rubber Co., Conshohocken, Pa.
LEE whisk brooms—Lee Broom & Duster Co., Lincoln, Nebr.
LEEKTITE special piston rings—End-Oxy Appliance Co., 29 N. Willow, Trenton, N. J.
LEES BRADNER thread milling machines—Lees-Bradner Co., Cleveland, Ohio
LEE'S improved dampered ventilators—Thomas Lee, 129 W. 2nd, Cincinnati, Ohio
LEE'S tobacco counter cutters—Landers, Frary & Clark, New Britain, Conn.
LEESONA countershafts, bobbin winders, cotton machy., quillers, cone, cop, hosiery, magnet, quill, & yarn winders & textile machy.—Universal Winding Co., 95 South, Boston, Mass.
LEFAVOUR'S FAVORITE garden weeders—North Wayne Tool Co., Hallowell, Me.
LEFFEL farm boilers—James Leffel & Co., 500 Lagonda, Springfield, Ohio
LEGAL oil cans—Delphos Mfg. Co., Delphos, Ohio
LEGETT trap shooting traps—Chamberlain Cartridge & Target Co., Cleveland, Ohio
LEGG pump governors—Middlesex Machine Co., Lowell, Mass.
LEGGETT furniture polish—Leggett & Bros., 301 Pearl, New York
LEHIGH bench vises—Bonney Vise & Tool Works, Allentown, Pa.
LEHIGH cabinet steel ranges—Lehigh Stove & Mfg. Co., Lehighton, Pa.
LEHIGH cement—Lehigh Portland Cement Co., Allentown, Pa.
LEHIGH iron bar—Slatington Iron & Steel Co., Slatington, Pa.
LEHIGH oxide of zinc—New Jersey Zinc Co., 55 Wall, New York
LEHIGH rock crushers—Fullerton-Lehigh Co., Fullerton, Pa.
LEHO riding cultivators—Roderick Lean Mfg. Co., Mansfield, Ohio
LEHR beet pullers—Lehr Agricultural Co., Fremont, Ohio
LEHR riding cultivators—Roderick Lean Mfg. Co., Mansfield, Ohio
LEICH automaphone—Leich Electric Co., Genoa, Ill.
LEIDGEN leather unhairing machines—Edw. H. Munkwitz Co., 159 Muskego av, Milwaukee, Wis.
LEILA walking cultivators—Hayes Pump & Planter Co., Galva, Ill.
LELAND tire air pumps—Judd & Leland Mfg. Co., Clifton Springs, N. Y.
LE LAVAL sight feed lubricators—Nathan Mfg. Co., 416 E. 106th, New York
LEMAN oil refining condensers—Petroleum Iron Works Co., Sharon, Pa.
LEMANQUAIS electric service boxes—H. T. Paiste Co,. Arch & 32nd, Phila., Pa.
LEMLEY friction clutches, friction clutch couplings —W. A. Jones Foundry & Machine Co., 4401 W. 12th, Chicago, Ill.
LEMOINE automobile springs—Hudson Export & Import Co., 1737 Broadway, New York
LENDER steam heaters—Thatcher Furnace Co., 135 W. 35th, New York
LENHART farm wagons—Lenhart Wagon Co., Minneapolis, Minn.
LENITH kerosene lamp burners—Edw. Miller & Co., Meriden, Conn.
LENIX belt drive—F. L. Smidth & Co., 50 Church, New York
LENNOX corn & cob mills, gasoline engines, pitless scales—Lennox Machine Co., 2558 W. 16th, Chicago, Ill.
LENNOX hot air furnaces—Lennox Furnace Co., Marshalltown, Ia.
LENNOX rotary shears—Lennox Throatless Shear Co., Marshalltown, Ia.
LENNOX rotary shears—Jos. T. Ryerson & Son, 2558 W. 16th, Chicago, Ill.
LENOX blotting paper—Eaton-Dikeman Co., Lee, Mass.
LENOX hack saw blades—American Saw & Mfg. Co., Springfield, Mass.
LENOX lawn mowers—Chadborn & Coldwell Co., Newburgh, N. Y.
LENOX rubber mats—Boston Woven Hose & Rubber Co., Cambridge, Mass.
LENOX steam heaters—Gurney Heater Mfg. Co., 188 Franklin, Boston, Mass.
LENOX BATH rubber mats—Boston Woven Hose & Rubber Co., Cambridge, Mass.
LENTZ steam engines—Erie City Iron Works, Erie, Pa.
LEONARD dinner pails—T. F. Leonard Co., Scranton, Pa.
LEONARD metallic window frame—Leonard Sheet Metal Works, Hoboken, N. J.
LEONHARDT coal chute wagons, & tower wagons—Leonhardt Wagon Mfg. Co., 417 E. Saratoga, Baltimore, Md.
LEONHARDT power hammers—Chas. Leonhardt, New Ulm, Minn.
LEONHART gauge glass preservers—Dunn's Service Co., 608 S. Dearborn, Chicago, Ill.
LE PAGE'S glue & belt cements—Russia Cement Co., 3046 Lambdin av, St. Louis, Mo.
LEPTYNE turpentine substitute—Patton Paint Co., Milwaukee, Wis.
LEROY carpet nails—Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.
LEROY door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
LESLIE pressure regulators—Leslie Co., Lyndhurst, N. J.
LESLIE saw swages—Ajax Mfg. Co., Pittsburgh, Pa.
LESMOK partly smokeless powder—Du Pont de Nemours & Co., E. I., Wilmington, Del.
LESTER saw sets—Bullock Mfg. Associates, Springfield, Mass.
LESTER scroll saws—Millers Falls Co., 28 Warren, New York
LETHERMET upholsterers' nails for carriage, automobile & furniture trade—Crandal, Stone & Co., Division, The Brewer-Titchener Corp., Binghamton, N. Y.
LETTENEY wood preservatives—Northeastern Co., 80 Beverly, Boston, Mass.
LETTERINE show card inks—Thaddeus Davis Ink Co., 97 Vandam, New York
LEVALLEY bolt clippers—Chain Belt Co., Milwaukee, Wis.
LEVANT cover paper—C. H. Dexter & Sons, Windsor Locks, Conn.
LEVIATHAN belting, belt dressing—Main Belting Co., 1219 Carpenter, Philadelphia, Pa.
LEVIATHAN DOVER egg & cream beaters—Dover Stamping & Mfg. Co., Cambridge, Mass.
LEVIN pruning shears—Smith, Seymour & Son, Oakville, Conn.
LEWIS asphalt fillers, road tar—F. J. Lewis Mfg. Co., 2513 Robey, Chicago, Ill.
LEWIS biller duplicator—General Manifold & Printing Co., 727 S. Dearborn, Chicago, Ill.
LEWIS car stoves—Buda Co., Railway Exchange bldg, Chicago, Ill.
LEWIS dusters—Samuel Lewis, 73 Barclay, New York
LEWIS hay stackers—O'Neill T. L. Co., Marseilles, Ill.
LEWIS machine gun—Savage Arms Corp., Utica, N. Y.
LEWIS steel spoke wheels—Kilbourne & Jacobs Mfg. Co., Columbus, Ohio
LEWIS street washers & hydrants—Haydenville Co., Haydenville, Mass.
LEWIS string bean machinery—E. J. Lewis, Middleport, N. Y.

LEWIS & KUNZER metallic packing—Aurora Metal Co., Aurora, Ill.
LEXINGTON gas ranges—Culter & Proctor Stove Co., Peoria, Ill.
LEYNER air compressors, drill sharpening machines, pneumatic rock drills—J. Geo. Leyner Engineering Works Co., Littleton, Colo.
LEYNER drill sharpeners & oil furnaces—Ingersoll-Rand Co., 11 Broadway, New York
LEYNER-INGERSOLL rock drills—Ingersoll-Rand Co., 11 Broadway, New York
LIBBY calf pens—C. A. Libby Co., Oshkosh, Wis.
LIBBY turret lathes—International Machine Tool Co., Indianapolis, Ind.
LIBERTY boiler flue & tube cleaners—Liberty Mfg. Co., Pittsburgh, Pa.
LIBERTY bronze greens—Harrison Works (Du Pont), 35th & Grays Ferry rd, Phila., Pa.
LIBERTY cart sprayers—Deming Co., Salem, Ohio
LIBERTY clippers—Coates Clipper Mfg. Co., Worcester, Mass.
LIBERTY core & foundry flour substitutes—Hill & Griffith Co., 1248 State av, Cincinnati, Ohio
LIBERTY lawn mowers—American Lawn Mower Co., Muncie, Ind.
LIBERTY oil filters, feed water regulators—Elliott Co., Pittsburgh, Pa.
LIBERTY old style roofing tin—Merchant & Evans Co., 2035 Washington av., Phila., Pa.
LIBERTY packing—H. W. Johns-Manville Co., 41st & Madison av, New York
LIBERTY packing—Continental Rubber Works, Erie, Pa.
LIBERTY tool steel—Halcomb Steel Co., Syracuse, N. Y.
LIBERTY BELL lubricating oils & greases—Bell Oil Co., 115 Ferry, St. Louis, Mo.
LIBERTY BRAND steel letters—Allen, Doane & Co., 29 Cornhill, Boston, Mass.
LIBRA air valves—American Radiator Co., 820 S. Michigan av, Chicago, Ill.
LIDGERWOOD hoists & cableways—Lidgerwood Mfg. Co., 91 Liberty, New York
LIETZ transits—A. Lietz Co., 61 Post, San Francisco, Cal.
LIFE steam heaters—McDonnell Boiler & Iron Works, Des Moines, Ia.
LIFE SAVING portable fire escapes—B. B. Neal Hardware Co., 117 Leonard, New York
LIFT THE DOT carriage fasteners—Carr Fastener Co., Boston, Mass.
LIGHTFOOT farm tractors—Monarch Tractor Co., Watertown, N. Y.
LIGHTHOUSE feed cutters—A. Buch's Sons Co., Elizazethtown, Pa.
LIGHT HOUSE oil stoves & heaters—Central Oil & Gas Co., Gardner, Mass.
LIGHTING boiler cleaners—Wm. Maurer & Co., South Bend, Ind.
LIGHTING transformers—Western Electric Co., 463 West, New York
LIGHTNING animal traps—Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
LIGHTNING bench punches—American Lock Nut & Tool Co., Oregon, Ill.
LIGHTNING bench stops—Bonney Vise & Tool Works, Allentown, Pa.
LIGHTING boiler compounds—J. D. Street & Co., 809 N. 2nd, St. Louis, Mo.
LIGHTNING bottlers' machinery—Chas. Leffler & Co., 59 Clymer, Brooklyn, N. Y.
LIGHTNING bread cutters—Buffalo Specialty Co., 375 Ellicott, Buffalo, N. Y.
LIGHTNING bread knives—Dunn Edge Tool Co., Oakland, Me.
LIGHTNING churns—Hall Bros. Co., West Acton, Mass.
LIGHTNING clod crushers—Cutaway Harrow Co., Higganum, Conn.
LIGHTNING clothes washing machines—Richmond Cedar Works, Fulton, Richmond, Va.
LIGHTNING crimpers—W. A. Wheeler, Indianapolis, Ind.
LIGHTNING fruit & vegetable parers—Goodell Co., Antrim, N. H.
LIGHTNING fruit & vegetable slicers—Landers, Frary & Clark, New Britain, Conn.
LIGHTNING gas engines, pitless scales, centrifugal pumps, stump pullers—Kansas City Hay Press Co., Kansas City, Mo.
LIGHTNING grass shears—Dunn Edge Tool Co., Oakland, Me.
LIGHTNING hand power punches—American Lock Nut & Tool Co., Oregon, Ill.
LIGHTNING hose couplings—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
LIGHTNING hose menders—Detroit Coin Wrapper Co., Detroit, Mich.
LIGHTNING ice chippers—North Bros. Mfg. Co., Lehigh av & American, Phila., Pa.
LIGHTNING insect guns—Thos. W. Houchin Co., 36 E. 12th, New York
LIGHTNING lamp cord adjusters—Frantz Mfg. Co., Sterling, Ill.
LIGHTNING letter openers—Lightning Letter Opener Co., Rochester, N. Y.
LIGHTNING NON-TUBULAR packing—New York Insulated Wire Co., 84 State, Boston, Mass.
LIGHTNING dies & screw plates—Greenfield Tap & Die Corp., Greenfield, Mass.
LIGHTNING sickel grinders—Geo. S. Comstock & Son, Mechanicsburg, Pa.
LIGHTNING smokeless rifle powder—Hercules Powder Co., Wilmington, Del.
LIGHTNING spark plugs—Reflex Ignition Co., Cleveland, Ohio
LIGHTNING spray pumps—D. B. Smith & Co., Utica, N. Y.
LIGHTNING stove pipe & elbow machines—Hemp & Co., Vandeventer nr Shaw, St. Louis, Mo.
LIGHTNING triple gear mills—L. B. McCarger Feed Mill Co., St. Joseph, Mo.
LIGHTNING tumbler washers—Whiteman Mfg. Co., Canton, Ohio
LIGHTNING valve grinding compounds—Lightning Mfg. Co., Cornish Flat, N. H.
LIGHTNING vegetable cutters—Munnsville Plow Co., Munnsville, N. Y.
LIGHTNING wire stapling machinery—A. Allen & Co., 200 Carpenter, Phila., Pa.
LIGHTNING GUIDE steering sleds—Standard Novelty Works, Duncannon, Pa.
LIGHTNING OPENER wrenches—S. & I. Co., Springfield, Mass.
LIGHTNING PATTERN knives—Wallingford Mfg. Co., Wallingford, Vt.
LIGHTNING RE-SET rat traps—Delphos Mfg. Co., Delphos, Ohio
LIGHT RUNNING egg & cream beaters—Taplin Mfg. Co., New Britain, Conn.
LIGHTWEIGHT carriage lamps—Seiss Mfg. Co., Toledo, Ohio
LIG-LAC wood stains—Chas. Moser Co., Cincinnati, Ohio
LIGNI SALVOR wood preservatives—Wm. Menzel & Son, 64 Broad, New York
LIK-E-NAMEL floor finish—W. W. Lawrence & Co., Pittsburgh, Pa.
LILAC oil tin cans—Delphos Mfg. Co., Delphos, Ohio
LILIENBURG steel casting converters—Exeter Machine Works, Pittston, Pa.
LILIPUT steel measuring tapes—Keuffel & Esser Co., Hoboken, N. J.
LILLIE evaporators—Wheeler Condenser & Engineering Co., Carteret, N. J.
LILLIE multiple effects evaporators—Sugar Apparatus Mfg. Co., 328 Chestnut, Phila., Pa.
LILLIPUT blasting batteries—Star Electric Fuse Works, Wilkes-Barre, Pa.
LILLY CUP paper cups—Public Service Cup Co., 168 39th, Brooklyn, N. Y.
LILY rubber horse shoe pads—Firestone Tire & Rubber Co., Akron, Ohio
LILY steel ranges—J. M. Ettinger, 70 W. Lake, Chicago, Ill.
LILY white cement—Lily White Cement Co., Nazareth, Pa.
LILY STAR fibre pails—Fibre Corporation, Lockport, N. Y.
LIMESTONE cement—Ironton Portland Cement Co., Ironton, Ohio
LIMITED motor cycles—Fellbach Motor Co., Weil & Burleigh, Milwaukee, Wis.
LINCOLN clothes washing machines—C. E. Ross, Lincoln, Ill.
LINCOLN kitchen knives—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
LINCOLN night latches—Miller Lock Co., 4523 Tacony, Phila., Pa.
LINCOLN paints, paint & varnish removers, shingle stains—Lincoln Paint & Color Co., Lincoln, Nebr.
LINCOLN trace carriers—North & Judd Mfg. Co., New Britain, Conn.
LINCOLN twist drills—Lincoln-Williams Twist Drills Co., Taunton, Mass.
LINCOLN CLIMATIC oil paints—Lincoln Paint & Color Co., Lincoln, Neb.
LINCRUSTA WALTON wall coverings—Fr. Beck & Co., 281 5th av, New York
LINDEN cotton hose—Boston Belting Corp., 84 Linden Park, Boston, Mass.
LINDEN fire place heaters—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
LINDEN lemon squeezers—Gilchrist Co., 236 Bank, Newark, N. J.

LINDER road machine & graders—Linder Grader Co., Matthews, Ind.
LINDERMAN glue jointing machines—Linderman Machine Co., Muskegon, Mich.
LINDE'S pop safety valves—J. E. Lonergan Co., 211 Race, Phila., Pa.
LINDHOLM drawn metal grease cups—Lindholm Metal Stamping Co., Camden, N. J.
LINDLEY gasoline strainers—W. H. Lindley Co., Canastota, N. Y.
LINDQUIST wagon tongue supports—Harvey Spring & Forging Co., Racine, Wis.
LINDSAY farm wagons—Lindsay Wagon Co., Laurel, Miss.
LINDSTROM brake handles—Dayton Mfg. Co., Dayton, Ohio
LINEOGRAPH duplicators—Lineograph Co., 112 Fulton, New York
LINK-BELT disc friction clutches, electric hoists, locomotive cranes, meat slicing machines, roller chain, safety elevator boots, silent chain, undercut gates & hooded chutes—Link-Belt Co., 39th & Stewart av, Chicago, Ill.
LIN-O-CORE oils—Thompson & Co., 1111 Galveston av, N. S., Pittsburgh, Pa.
LINOFELT deadening felts, cold storage insulation & bldg sheathing—Union Fibre Co., Winona, Minn.
LINOGRIP linoleum cements—Pulsifer, Kingston Co., 19 Eliot, Boston, Mass.
LINOID insulating paper—Crane Bros., Westfield, Mass.
LINOIL core oils—Werner G. Smith Co., Hird & Detroit, Cleveland, Ohio
LINOLAC insulating paints, paper, tape, varnishes—Mica Insulator Co., 68 Church, New York
LINO-O-LAC varnish substitutes—C. H. Boley Co., Randolph & Erie av, Phila., Pa.
LINOLEUM corn washers—Armstrong Cork Co., Pittsburgh, Pa.
LIN-O-LIN linseed oil substitutes—C. H. Boley Co., 372 N. Randolph, Phila., Pa.
LINOLITE electric lamps—I. P. Frink, Inc., 10th av & 24th, New York
LINOTILE sanitary flooring—Armstrong Cork & Insulation Co., Pittsburgh, Pa.
LINOWELT insulating paper—Union Fibre Co., Winona, Minn.
LINSTROM suction pipe—Western Railway Equipment Co., Central Nat. Bank bldg, St. Louis, Mo.
LINSTROTH farm wagons—Linstroth Wagon Co., 2616 Chouteau av, St. Louis, Mo.
LINTZ & ECKHART embroidery machines—Dubrow & Hearne Mfg. Co., 12 Wooster, New York
LION automobile truck trailers—Lion Buggy Co., C. H. & D. R. R., nr. Gest, Cincinnati, Ohio
LION core compounds—Keystone Foundry Supply Co., Buffalo, N. Y.
LION electric blasting apparatus, electric detonators—Aetna Explosives Co., 120 Broadway, New York
LION ensilage cutters—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
LION folding rules—Adolph Strauss & Co., 678 Broadway, New York
LION grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
LION hay tedders—Ohio Rake Co., Dayton, Ohio
LION heel plates—Root-Health Mfg. Co., Plymouth, Ohio
LION hot air furnaces—Youngstown Furnace Co., Youngstown, Ohio
LION insecticides—Jas. A. Blanchard Co., 30 Church, New York
LION metallic packing—James Walker & Co., 27 Thames, New York
LION paints—St. Paul White Lead & Oil Co., St. Paul, Minn.
LION rubber bottles—Tyer Rubber Co., Andover, Mass.
LION steam & hot water heaters—Pittsburgh Water Heater Co., Columbia Bank bldg, Pittsburgh, Pa.
LION traction engines—Lion Tractor Co., Minneapolis, Minn.
LION wall finish—Ohio & Western Lime Co., Huntington, Ind.
LION water closets—Jas. Barrett Mfg. Co., 117 Pearl, Boston, Mass.
LION BRAND belt lacing—New York Leather Belting Co., 465 Kent av, Brooklyn, N. Y.
LIONESS aluminum solder—United Foundry & Machine Co., Bridgeport, Conn.
LION HEAD seal presses—Sigwalt Mfg. Co., 3658 Armitage, Chicago, Ill.
LIP packing—Crandall Packing Co., Palmyra, N. Y.
LIPE-WALRATH broom sewing machines—Alphonso Walrath Co., Fort Plain, N. Y.
LIPPINCOTT axes—American Axe & Tool Co., Glassport, Pa.
LIPPY blow-off valves—Chicago Mfg. Co., 1464 S. Michigan av, Chicago, Ill.
LIQUID KONKERIT exterior paints—Toch Bros., 320 5th av, New York
LIQUID SEAL fire extinguishers—S. F. Hayward & Co., 250 W. 54th, New York
LIQUID VENEER furniture polish—Buffalo Specialty Co., 375 Ellicott, Buffalo, N. Y.
LISK nickel plated copper ware, tinware, enameled specialties—Lisk Manufacturing Co., Canandaigua, N. Y.
LITCHFIELD manure spreaders—Litchfield Mfg. Co., Waterloo, Ia.
LITH deadening felts—Union Fibre Co., Winona, Minn.
LITHOLINE medicinal petroleum oils—Union Petroleum Co., Widener bldg., Phila., Pa.
LITTLE BEAUTY dumb waiters—Energy Elevator Co., 214 New, Philadelphia, Pa.
LITTLE BEAUTY kerosene night lamps—Silver & Co., 304 Hewes, Brooklyn, N. Y.
LITTLE BEN hand vacuum cleaners—Clements Mfg. Co., 609 Fulton, Chicago, Ill.
LITTLE BLACKSMITH hand power punches—J. F. Kidder Mfg. Co., Burlington, Vt.
LITTLE BLACKSMITH portable punches & shears—J. F. Kidder Mfg. Co., Burlington, Vt.
LITTLE BOSS concrete mixers—American Cement Machine Co., Keokuk, Ia.
LITTLE BOY cultivators—King & Hamilton Co., Ottawa, Ill.
LITTLE BUSTER riding listers—Racine-Sattley Co., Springfield, Ill.
LITTLE CHAMPION pneumatic rock drills—Wickes Machinery Co., Jersey City, N. J.
LITTLE COMFORT sewing machines—Smith & Egge Mfg. Co., Bridgeport, Conn.
LITTLE CORPORAL tack claws & pullers—Fletcher-Terry Co., Forestville, Conn.
LITTLE DAVID pneumatic drills & hammers—Ingersoll-Rand Co., 11 Broadway, New York
LITTLE DEVIL concrete mixers—Chicago Builders Specialties Co., 11 S. La Salle, Chicago, Ill.
LITTLE DEVIL tractors—Hart-Parr Co., Charles City, Ia.
LITTLE DUKE riding listers—Peru Plow & Wheel Co., Peru, Ill.
LITTLE DUTCHMAN gang plows—Moline Plow Co., Moline, Ill.
LITTLE GEM can openers—Taylor Mfg. Co., Hartford, Conn.
LITTLE GEM Christmas tree holders—Peck C. A. Hardware Co., Berlin, Wis.
LITTLE GEM electric rosettes—Pass & Seymour, Solvay, N. Y.
LITTLE GEM farm wagons—Acme Wagon Co., Emigsville, Pa.
LITTLE GEM garden cultivators—Hartman Mfg. Co., Vincennes, Ind.
LITTLE GEM spark plugs—Electrolamp Co., Detroit, Mich.
LITTLE GEM spray pumps—Field Force Pump Co., Elmira, N. Y.
LITTLE GEM street sprinkling carts—Studebaker Corp., South Bend, Ind.
LITTLE GEM tack claws & pullers—Turner & Deegan, Bristol, Conn.
LITTLE GEM water heaters—Abendroth Bros., Port Chester, N. Y.
LITTLE GIANT automobile wheel pullers—Premier Electric Co., 1123 S. Wabash av, Chicago, Ill.
LITTLE GIANT bobbin holders—Roney & Rae Co., Woonsocket, R. I.
LITTLE GIANT boiler injectors—Rue Mfg. Co., 228 Cherry, Phila., Pa.
LITTLE GIANT can openers—Bradley & Farnham, Middlefield, Conn.
LITTLE GIANT can openers—Ellis Mfg. Co., Milldale, Conn.
LITTLE GIANT cellar drainers—Chicago Pump Co., 900 W. Lake, Chicago, Ill.
LITTLE GIANT cement brick machines—La Grange Machine & Repair Co., La Grange, Ind.
LITTLE GIANT cockeyes—Frazer & Jones Co., Syracuse, N. Y.
LITTLE GIANT coffee & peanut pickers, threshers—Heebner & Sons, Lansdale, Pa.
LITTLE GIANT commercial gasoline cars—convert—a—car truck units; pneumatic piston drills & wood boring machines—Chicago Pneumatic Tool Co., Fisher bldg., Chicago, Ill.
LITTLE GIANT corn cutting machines—Moss Bros. Mfg. Co., Davenport, Ia.
LITTLE GIANT corn shellers—Root-Heath Mfg. Co., Plymouth, Ohio

LITTLE GIANT cotton presses—Cardwell Machine Co., 1900 E. Cary, Richmond, Va.
LITTLE GIANT dies & screw plates—Greenfield Tap & Die Corp'n, Greenfield, Mass.
LITTLE GIANT dish washing machines—National Dish Washer Co., Binghamton, N. Y.
LITTLE GIANT drill chucks—Westcott Chuck Co., Oneida, N. Y.
LITTLE GIANT dumb waiters—Energy Elevator Co., 214 New, Philadelphia, Pa.
LITTLE GIANT expansion bolts & screw sleeves—Stannard Mfg. Co., 371 Allen, Springfield, Mass.
LITTLE GIANT fanning mills—A. P. Dickey Mfg. Co., Racine, Wis.
LITTLE GIANT feed cutters—E. W. Ross Co., Springfield, Ohio
LITTLE GIANT floor scraping machines—Hurley Machine Co., 31 S. Clinton, Chicago, Ill.
LITTLE GIANT force pumps—J. E. Kennedy, 30 E. 42nd, New York
LITTLE GIANT foundry vibrators—Whitehead Bros. Co., 537 W. 27th, New York
LITTLE GIANT fruit jar wrenches, wire stretchers—Arcade Mfg. Co., Freeport, Ill.
LITTLE GIANT fuel oil burners, pump governors—G. E. Witt Co., 862 Howard, San Francisco, Cal.
LITTLE GIANT garden cultivators, celery hillers—Ohio Cultivator Co., Bellevue, Ohio
LITTLE GIANT gasoline hoists—Brown Clutch Co., Sandusky, Ohio
LITTLE GIANT gauge cocks—McRae & Roberts Co., 227 Campbell av, Detroit, Mich.
LITTLE GIANT grass hooks—H. S. Earle Mfg. Co., Detroit, Mich.
LITTLE GIANT hay presses—Junior Monarch Hay Press Co., San Leandro, Cal.
LITTLE GIANT holder wrenches—Wolverine Supply & Mfg. Co., Page & Fontella, Pittsburgh, Pa.
LITTLE GIANT hub boring machines—Abbott & Co., Hudson, Mich.
LITTLE GIANT ice breakers—G. S. Blakeslee & Co., 2856 Quinn, Chicago, Ill.
LITTLE GIANT ice tongs—Hutchins-Kilbourne Co., Buffalo, N. Y.
LITTLE GIANT jack screws—L. S. Starrett Co. The, Athol, Mass.
LITTLE GIANT laundry stoves—Pierce, Butler & Pierce Mfg. Corp., 437 E. 162d, New York
LITTLE GIANT lemon squeezers—Landers, Frary & Clark, New Britain, Conn.
LITTLE GIANT linemen's splicing clamps—Irvington Mfg. Co., Irvington, N. J.
LITTLE GIANT marine engine—Duluth Gas Engine Works, Duluth, Minn.
LITTLE GIANT neck yokes & neck yoke centers—A. H. Conn, Cedar Rapids, Ia.
LITTLE GIANT porch swings—Modern Mfg. Co., Hagerstown, Md.
LITTLE GIANT portable grain elevators—Portable Elevator Mfg. Co., Bloomington, Ill.
LITTLE GIANT post hole diggers—F. E. Kohler Co., Canton, Ohio
LITTLE GIANT potato diggers—Ohio Rake Co., Dayton, Ohio
LITTLE GIANT potato sprayers, insecticide dusters—Leggett & Bro., 301 Pearl, New York
LITTLE GIANT power driven hammers—Mayer Bros. Co., Mankato, Minn.
LITTLE GIANT pruning saws—Henry Disston & Sons, Tacony, Phila., Pa.
LITTLE GIANT punches—Excelsior Tool & Machine Co., 32nd & Ridge, East St. Louis, Ill.
LITTLE GIANT punching & shearing machinery—Little Giant Punch & Shear Co., Sparta, Ill.
LITTLE GIANT riveting machines—A. C. Williams Co., Ravenna, Ohio
LITTLE GIANT rock drills—Ingersoll-Rand Co., 11 Broadway, New York
LITTLE GIANT scoops—Edw. J. Bissell, Milford, Mich.
LITTLE GIANT screen door braces—Automatic Door Catch Co., Harvey, Ill.
LITTLE GIANT scythes—North Wayne Tool Co., Hallowell, Me.
LITTLE GIANT shaft couplings—Thomas Coupling Co., Erie, Pa.
LITTLE GIANT spike pullers—J. E. Jones & Son, Centerville, Ia.
LITTLE GIANT spray pumps—F. E. Myers & Bro., Ashland, Ohio
LITTLE GIANT steam traps—Jno. F. Robertson Co., Park bldg, Pittsburgh, Pa.
LITTLE GIANT stokers—Hamler Boiler & Tank Co., 3906 S. Halsted, Chicago, Ill.
LITTLE GIANT tack claws & pullers—Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y.
LITTLE GIANT tackle blocks—Pittsburgh Block & Mfg. Co., 818 South av, Pittsburgh, Pa.
LITTLE GIANT tire setters—Keokuk Hydraulic Tire Setter Co., Keokuk, Ia.
LITTLE GIANT tube cleaners—Poole Mfg. Co., 325 Columbus av, Boston, Mass.
LITTLE GIANT vises, axle setters, blacksmiths' drilling machines—B. B. Noyes Co., Greenfield, Mass.
LITTLE GIANT water wheels—Munson Mill Machinery Co., Utica, N. Y.
LITTLE GIANT wire fence machines—Eureka Fence Mfg. Co., Richmond, Ind.
LITTLE GIANT wire splicers—Wagner Mfg. Co., Cedar Falls, Ia.
LITTLE GIANT wire stretchers—Hunt, Helm, Ferris & Co., Harvard, Ill.
LITTLE GIANT wood planing machines—Fisher & Davis Mfg. Co., 934 N. First, St. Louis, Mo.
LITTLE HUSTLER battery motors—Knapp Electric & Novelty Co., 511 W. 51st, New York
LITTLE IOWA power hammers—Modern Sales Co., Hampton, Ia.
LITTLE JEWEL Christmas tree holders—Peck C. A. Hardware Co., Berlin, Wis.
LITTLE JOE cultivators—Towers & Sullivan Mfg. Co., Rome, Ga.
LITTLE JOE rail benders—What Cheer Tool Co., What Cheer, Ia.
LITTLE MONITOR hose nozzles—Central Brass & Stamping Co., Peoria, Ill.
LITTLE NIAGARA air washers—Narowetz Heating & Ventg. Co., 225 W. Lake, Chicago, Ill.
LITTLE POLLY corn brooms—Harrah & Stewart Mfg. Co., Des Moines, Ia.
LITTLE RHODY electric lamp flashlights—Providence Electric Mfg. Co., 23 Broad, Providence, R. I.
LITTLE SAMSON engine & boiler—Straton & Bragg Co., Petersburg, Va.
LITTLE SCHEONER counter scales—Jones of Binghamton (Inc.), Binghamton, N. Y.
LITTLE STAR fruit & vegetable parers—Hudson Parer Co., Leominster, Mass.
LITTLE TIGER door checks & springs—Automatic Door Catch Co., Harvey, Ill.
LITTLE TUGGER portable hoists—Ingersoll-Rand Co., 11 Broadway, New York
LITTLE WONDER ash sifters—Aurora Steel Products Co., Aurora, Ill.
LITTLE WONDER coal drills—Wantling Favorite Coal Drill Co., Peoria, Ill.
LITTLE WONDER concrete mixers—Waterloo Cement Machinery Corp., Waterloo, Ia.
LITTLE WONDER disc sharpeners—A. E. Durner, Evansville, Wis.
LITTLE WONDER hose menders—F. E. Kohler Co., Canton, Ohio
LITTLE WONDER screw driver—Bridgeport Hardware Mfg. Co., Bridgeport, Conn.
LITTLE WONDER spray pumps—Judd & Leland Mfg. Co., Clifton Springs, N. Y.
LITTLE WONDER stocks & dies—J. M. Carpenter Tap & Die Co., Pawtucket, R. I.
LITTLE WONDER tire vulcanizers—Rice & Dayton Mfg. Co., Cedar Falls, Ia.
LITTLE WONDER tool kits—C. E. Jennings & Co., 71 Murray, New York
LITTLE YANKEE land graders—Ohio Road Machinery Co., Oberlin, Ohio
LITTLE YANKEE pencil sharpeners—Whiteacre-Goshert Co., Rockford, Ill.
LIVE OAK belting, rubber hose—Bowers Rubber Works, San Francisco, Cal.
LIVE STEAM packing—A. W. Chesterton Co., 64 India, Boston, Mass.
LIVERPOOL grate settings—Henry Maurer & Son, 420 E. 23rd, New York
LLOYD by-pass valves—Lloyd Construction Co., Detroit, Mich.
LLOYD'S crushing rolls—Wilmot Engineering Co., Hazleton, Pa.
LOBDELL wood rims—American Wood Rim Co., Onaway, Mich.
LOBEE soapmakers' pumps—Lobee Pump & Machinery Co., Buffalo, N. Y.
LOBSTER-CLAW battery connectors—Tregoning Electric Mfg. Co., Cleveland, Ohio
LOCALCASE case hardening compounds—Shore Instrument & Mfg. Co., 557 W. 22nd, New York
LOCHMAN wood carving machines—Curtis Mach. Corp., Jamestown, N. Y.
LOCK Grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
LOCKE electric cable hangers—Cameron Appliance Co., Everett, Mass.
LOCKE electric portable drills—Electric Tachometer Co., Perry bldg, Phila., Pa.
LOCKE EXTENSION master grip frames—H. G. Thompson & Son Co., New Haven, Conn.

LOCKE & JEWEL hub bands—Eastern Malleable Iron Co., Naugatuck, Conn.
LOCKE'S damper regulators—Locke Regulator Co., Salem, Mass.
LOCKE'S levels—David White Co., 419 E. Water, Milwaukee, Wis.
LOCKE'S levels—Keuffel & Esser Co., Hoboken, N. J.
LOCKHART pipe nipple holders—R. Jas. Lockhart, 201 Millvale, Pittsburgh, Pa.
LOCKIT towel racks—Samuel Lewis, 73 Barclay, New York.
LOCK JAW file handles—M. W. Robinson Co., 203 37th, Brooklyn, N. Y.
LOCK JAW steel toe-calks—Key-Calk Horse Shoe Mfg. Co., Oshkosh, Wis.
LOCK JOINT steel ceilings—F. O. Schoedlinger, 142 N. 3d, Columbus, Ohio
LOCK-ON handles—Electric Service Supplies Co., Phila., Pa.
LOCK-TITE oily waste cans—Keyes-Davis Co., Battle Creek, Mich.
LOCKWOOD range boiler stands — Central Foundry Co., 90 West, New York
LOCO extra high speed steel—Atlas Crucible Steel Co., Dunkirk, N. Y.
LO-CO shaking grates—Kramer Bros. Foundry Co., Dayton, Ohio
LOCO MAGIC purifier—Loew Mfg. Co., 9100 Madison av, N. W., Cleveland, Ohio
LODEWICK'S portable fire escapes — Hamblin & Russell Mfg. Co., Worcester, Mass.
LOETZER valve & service boxes, double gate valves, fire hydrants—Loetzer Valve & Mfg. Co., ft. of Adams, Troy, N. Y.
LOEW ale filters—Loew Mfg. Co., 9100 Madison av, N. W., Cleveland, Ohio
LOGAN hot water radiators—Logansport Radiator & Equipment Co., Logansport, Ind.
LOKIN toilet paper holders—American Brass Novelty Co., Grand Haven, Mich.
LOMBARD friction clutches—Holyoke Machine Co., Worcester, Mass.
LONDON automobile wind shields—London Auto Supply Co., 2540 S. Wabash av, Chicago, Ill.
LONDON cloth finishing presses—Hydraulic Press Mfg. Co., Mt. Gilead, Ohio
LONDON dusters—S. Levy, 618 New Market, Phila., Pa.
LONE STAR cement—Texas Portland Cement Co., Dallas, Texas.
LONE STAR cotton planters—J. I. Chase Plow Works, Racine, Wis.
LONE STAR paints, wood preservatives—Reeves Co., 805 Howard av, New Orleans, La.
LONG automobile horns—G. Piel Co., 29 13th, Long Island City, N. Y.
LONG chain quillers—Whitin Machine Works, Whitinsville, Mass.
LONG steel tray barrows—Miller & Coulson, Diamond Bank bldg., Pittsburgh, Pa.
LONG BEACH seal presses—Sigwalt Mfg. Co., 3658 Armitage, Chicago, Ill.
LONG DISTANCE spark plugs—Long Distance Spark Plug Co., Indianapolis, Ind.
LONG LIFE carbon brushes—Speer Carbon Co., St. Marys, Pa.
LONGLIFE conveyor belting—B. F. Goodrich Co., Akron, Ohio
LONG LIFE red sheet packing—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
LONG LIFE rubber hose—Whitehead Bros. Rubber Co., Trenton, N. J.
LONG RANGE arbor presses—United Engine & Mfg. Co., Hanover, Pa.
LONG SAUT cable supporting clamps—Diamond Expansion Bolt Co., 89 West, New York
LONG'S machinists' clamps—Crescent Forgings Co., Oakmont, Pa.
LONGWEAR asbestos brake lining—Asbestos & Rubber Works of N. J., Camden, N. J.
LONGYEAR core drills—E. J. Longyear Co., Minneapolis, Minn.
LOOK & LINCOLN farm wagons—Look-Lincoln, Marion, Va.
LOOKOUT alarm clocks—Western Clock Co., La Salle, Ill.
LOOMIA silos—J. H. Loomis & Sons, Phoenix, N. Y.
LOOMIS oil engines—Johnston & Jennings Co., Addison rd & N. Y. C. R. R., Cleveland, Ohio
LOOMIS-PETTIBONE gas producers—Worthington Pump & Machy. Corp., 115 Broadway, New York
LORD BALTIMORE car trucks—Baltimore Car-Wheel Co., Fulton Station, Baltimore, Md.
LORD & BURNHAM hot water heaters—Lord & Burnham Co., Irvington, N. Y.
LORD'S boiler compounds—Henry Lord Chemical Co., 1628 Moreland av, Baltimore, Md.
LORICATED interior conduits—Safety Armorite Conduit Co., West Pittsburgh, Pa.
LOROL belt dessing—Viscol Co., Cambridge, Mass.
LOSANT rubber hose—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio
LO SWING turning lathes & projectile machinery—Fitchburg Machine Works, Fitchburg, Mass.
LOTHROP belt awls—Manufacturers' Belt Hook Co., 1321 W. Congress, Chicago, Ill.
LOUDEN barn door hangers, hay carriers, hay fork pulleys—Louden Machinery Co., Fairfield, Ia.
LOUISIANA hoes—Union Fork & Hoe Co., Columbus, Ohio
LOUISVILLE-AVERY traction engines—B. F. Avery & Sons, Louisville, Ky.
LOUISVILLE SLUGGER baseball bats—J. F. Hillerich & Sons Co., Louisville, Ky.
LOURIE-NO-SMOKE forge holders—Lourie Mfg. Co., Springfield, Ill.
LOVEJOY carbureters—Hoyt Electric Instrument Works, Penacock, N. H.
LOVEJOY old man drilling posts—Lovejoy Tool Works, 319 W. Ohio, Chicago, Ill.
LOVELL skylight ventilating apparatus—G. Drouve Co., 40 Tulip, Bridgeport, Conn.
LOVELL'S METALLIC CHOKER rat traps—Lovell Mfg. Co., Erie, Pa.
LOW manure spreaders—International Harvester Company of America (Inc.), Harvester bldg, Chicago, Ill.
LOW DOWN concrete mixers—Elite Mfg. Co., Ashland, Ohio
LOW MOOR pig iron—Low Moor Iron Co., Low Moor, Va.
LOW MOOR steel—Houghton & Richards, 145 Oliver, Boston, Mass.
LOWATT incandescent electric lamps—Edison Lamp Works of G. E. Co., Harrison, N. J.
LOWDEN oil extractors—Chas. Jacobs & Co., 258 Franklin, Boston, Mass.
LOWE feed water heaters, tubular boilers—Bridgeport Boiler Works Co., Bridgeport, Conn.
LOWE gas engines—Lowe Bros. Machine & Engine Works, Columbus, Ohio
LOWE staybolt breakers—Williams, White Mfg. Co., Moline, Ill.
LOWELL vises & reversible ratchet wrenches—Lowell Wrench Co., Worcester, Mass.
LOWEST LOW-DOWN manure spreaders—New Idea Spreader Co., Coldwater, Ohio
LOWRIE wall safes—Lowrie Safe & Lock Mfg. Co., 400 N. Oakley blvd., Chicago, Ill.
LOWVOLT transformers—Campbell Electric Co., 17 Stewart, Lynn, Mass.
LOXON enameled metal tile—Penn Metal Co., 65 Franklin, Boston, Mass.
LOXON lamp guards—McGill Mfg. Co., Valparaiso, Ind.
LOXRITE metallic shingles—Hyndman Roofing Co., 318 E. 2nd, Cincinnati, Ohio
LOXSPRING harness snaps—North & Judd Mfg. Co., New Britain, Conn.
LUBRAUTINE grease—Wm. C. Robinson & Son Co., 32 South, Baltimore, Md.
LUBRICENE lubricating oils & greases—Northern Chemical Co., Cleveland, Ohio
LUBRICOOL cutting & drilling compounds—Farr Mfg. Co., Tonawanda, N. Y.
LUBRIKO lubricating oils & greases—Commercial Lubricating Co., cor. Meadow & Jackson, Philadelphia, Pa.
LUBROBESTOS packing—A. W. Chesterton Co., 64 India, Boston, Mass.
LUBROLEINE lubricating oils & greases—Fiske Bros. Refining Co., 24 State, New York
LUBRON packing—Lubron Co., Everett, Mass.
LUBRO VISCO lubricating oils & greases—Post & Lester Co., Hartford, Conn.
LUB-WELL cutting & drilling compounds—G. Whitfield Richards, 1732 Carlton, Phila., Pa.
LUCAS belt sanding machines—Curtis Machine Corp., Jamestown, N. Y.
LUCAS chain tape—J. C. Ulmer Co., Cleveland, Ohio
LUCAS power presses—Lucas Machine Tool Co., 524 E. 99th, Cleveland, Ohio
LUCAS power pumps—Lucas Pump Co., Dayton, Ohio
LUCAS switches, spring rail frogs—Cleveland Frog & Crossing Co., Cleveland, Ohio
LUCASEAL enamels—John Lucas & Co., 322 Race, Phila., Pa.
LUCEO glass shades—Jefferson Glass Co., Follansbee, W. Va.
LUCERA nickel-copper resistance wire—Electrical Alloy Co., Morristown, N. J.

LUCEY steam pumps—Lucey Mfg. Corp., 233 B'way, New York
LUCKIE steel fishing rods—Horton Mfg. Co., Bristol, Conn.
LUCKY HIT cultivators—Racine-Sattley Co., Springfield, Ill.
LUCKY STRIKE babbitt metal—Cleveland Alloys Co., Elm & Superior, Cleveland, Ohio
LUDINGTON'S copy holders—Beaton & Cadwell Mfg. Co., New Britain, Conn.
LUDLOW railway track drills—Johnston & Jennings Co., Addison rd & N. Y. C. R. R., Cleveland, Ohio
LUDLOW valves—Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
LUDOWICI-CELADON roofing tile—Ludowici-Celadon Co., Monroe bldg., Chicago, Ill.
LUEDINGHAUS farm wagons—Luedinghaus-Espenschied Wagon Co., 1717 N. Broadway, St. Louis, Mo.
LUHRIG elevator buckets & jigs for coal washeries—Link-Belt Co., 39th & Stewart av, Chicago, Ill.
LUITWIELER fire engines, pumping engines—Luitwieler Pumping Engine Co., Rochester, N. Y.
LUKENS babbitt metal—Thos. F. Lukens Metal Co., 238 N. 4th, Phila., Pa.
LULL & PORTER blind hinges—Grey Iron Casting Co., Mt. Joy, Pa.
LUMBERMAN'S hand carts—A. Streich & Bro. Co., Oshkosh, Wis.
LUMEN bearings—Lumen Bearing Co., Buffalo, N. Y.
LUMINO metal polish—F. T. Lord Polish Co., Cambridge, Mass.
LUNA aluminum paints—Heath & Milligan Mfg. Co., 1833 Seward, Chicago, Ill.
LUNA bathing caps, rubber gloves—Star Rubber Co., Akron, Ohio
LUNA electric illuminated signs—Haller Sign Works, 213 W. Austin av, Chicago, Ill.
LUNCEN door switches, electric bells—Edwards & Co., Exterior av & 140th, New York
LUNDELL dynamo & motors, electric ceiling fans—Sprague Electric Works, 527 W. 34th, New York
LUNDIN electric fault finders—Lundin Electric & Machine Co., 10 Thatcher, Boston, Mass.
LUNDY gasoline blast furnaces, fire-pots—Double Blast Mfg. Co., North Chicago, Ill.
LUNGMOTOR resuscitating devices—Life Saving Devices Co., 710 W. Madison, Chicago Ill.
LUPOS porch columns—American Veneer Column Co., 913 Grand, Brooklyn, N. Y.
LUPTON metallic window frame, puttyless skylight & conductor pipe elbows—David Lupton's Sons Co., Allegheny av & Tulip, Phila., Pa.
LUSTER FINISH carriage top dressing—Endurance Autoil Co., Muncie, Ind.
LUSTRA architectural varnishes—Murphy Varnish Co., McWhorter, Newark, N. J.
LUSTREINE liquid polish—Oscar Schlegel Mfg. Co., 111 E. 12th, New York
LUSTRO floor finish—Hanna Paint Mfg. Co., Columbus, Ohio
LUSTRO furniture polish—W. W. Lawrence & Co., Pittsburgh, Pa.
LUTECA red lead—Wm. Waterall & Co., Camden, N. J.
LUTHE shoveling & end gate boards—Peoria Drill & Seeder Co., Peoria, Ill.
LUTHER hand power drills—Luther Grinder Mfg. Co., 285 S. Water, Milwaukee, Wis.
LUTZ electric wiring mouldings—American Circular Loom Co., Chelsea, Mass.
LUTZ wrenches—Lutz Co., 31st & Grays Ferry av, Phila., Pa.
LUXFER prism lights & expanded metal lath—American Luxfer Prism Co., Heyworth bldg., Chicago, Ill.
LUXOR shade cloth—Western Shade Cloth Co., 21st & Jefferson, Chicago, Ill.
LUXSTAR WHITE pure white enamel paint—Ceresit Waterproofing Co., 110 S Dearborn, Chicago, Ill.
LUXURIA portable shower baths—A. Weiskittel & Son Co., 12th & E. Lombard, Baltimore, Md.
LUXURY canned goods—Otoe Food Products Co., Nebraska City, Neb.
LUXURY folding seats—Hodge & Graves Co., Amesbury, Mass.
LUXURY radical gas heaters—Lawson Mfg. Co., Homestead, Pa.
LYCOMING gasoline engines—Lycoming Foundry & Machine Co., Williamsport, Pa.
LYHNE shade holders—E. H. Freeman Electric Co., Trenton, N. J.
LYLE yacht cannons—David Kahnweiler's Sons, 260 Front, New York
LYMAN barbed wire—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
LYNCH automobile chain locks—Edw. B. Stimpson Co., 68 Franklin av, Brooklyn, N. Y.
LYNCH bottle blowing machinery—Lynch Glass Machinery Co., Anderson, Ind.
LYNCH-GAKEN lock buckles—Edw. B. Stimpson Co., 68 Franklin av, Brooklyn, N. Y.
LYNN sewer gas traps—Central Foundry Co., 90 West, New York
LYNUX bronze bushings—Aluminum Castings Co., Cleveland, Ohio
LYON heel stiffeners—Stowell Co., So. Milwaukee, Wis.
LYON iron & steel roofing & siding stove pipe & elbows—Lyon, Conklin & Co., 19 Balderston, Baltimore, Md.
LYON lawn mowers—S. P. Townsend & Co., Orange, N. J.
LYON steel factory equipment, lockers, benches, racks, partitions, desks, tables, trucks—Lyon Metallic Mfg. Co., Aurora, Ill.
LYONS automobile wind shields—Hugh Lyons & Co., Lansing, Mich.
M. C. S. asbestos brake lining, clutch compounds, spark plugs—Motor Car Supply Co., 1453 Michigan av, Chicago, Ill
LYONS fanning mills—Nagley Mfg. Co., Lyons, N. Y.
LYSTER skylight ventilating apparatus—Lyster Sheet Metal Co., 1216 Filbert, Phila., Pa.
LYTESTRONG pressed steel shaft hangers—Bond Foundry & Machine Co., Manheim, Pa.
LYTTON blow-off valves, pressure regulators, steam traps—Lytton Mfg. Corp., Franklin, Va.

M belting—Moloney Belting Co., 301 W. Randolph, Chicago, Ill.
M valves—Milwaukee Valve Co., 139 Burrell, Milwaukee, Wis.
M. A. C. cleaning compounds—Monahan Antiseptic Co., 116 N. Curtis, Chicago, Ill.
M. B. C. roofing cements—Eagle Paint & Varnish Co., N. S. Pittsburgh, Pa.
M. B. P. carbon paper & typewriter ribbons—Miller-Bryant-Pierce Co., Aurora, Ill.
M-C gear hobbers & gears—Meisselbach-Catucci Mfg. Co., 25 Congress, Newark, N. J.
M. C. lubricating oils & greases—Mound City Oil & Supply Co., 204 N. Commercial, St. Louis, Mo.
M. C. B. corn brooms—Mass. Commission for the Blind, Cambridge, Mass.
M-C-K elevator safety devices—Surety Guard Co., 62 E. Lake, Chicago, Ill.
M. COVEL oval pointed belt fasteners—Manufacturers' Belt Hook Co., 1321 W. Congress, Chicago, Ill.
M. D. S. power vacuum cleaners—Clayton-Marlborough Mfg. Co., Rochester, N. Y.
M. H. ball cocks—Exeter Brass Works, Exeter, N. H.
M. H. ATERITE non-corrosive alloy & products—M. H. Aterite Co., 55 John, New York
M. I C. insulating compounds, paints, paper—Mica Insulator Co., 68 Church, New York
M. I. F. Co., boat anchors, cleats, hooks, row-locks, chain shackles, cut spikes, zinc coated nails, engine & machine oilers—Malleable Iron Fittings Co., Branford, Conn.
M I. W. range boiler stands—Modern Iron Works, Quincy, Ill.
M. K. disc harrows—Kingman Plow Co., Peoria, Ill.
M. K. & T. weed burners—Commonwealth Steel Co., Pierce bldg., St. Louis, Mo.
M. L. B. clutch linings—Milwaukee Leather Belting Co., 499 12th, Milwaukee, Wis.
M. P. floor finish—Glidden Varnish Co., 1755 W. Madison, Cleveland, Ohio
M. P. rust proof coating—B. Binswanger & Co., 827 N. 3rd, Phila., Pa.
M-R-V crucible furnaces — J. B. Wise, Watertown, N. Y
M. S. C. carbon removers—Motor Car Supply Co., 1453 Michigan av, Chicago, Ill.
M. V. B. ball cocks, closet seat hinges, flushing valves — Morency-Van Buren Mfg. Co., Sturgis, Mich.
M. & B. carbureters—A. R. Mosler & Co., Mt. Vernon, N. Y.
M. & B. gaff hooks—A F. Meisselbach Bros., 29 Congress, Newark, N. J.
M. & B. sucker rod sockets—Masseth Packer & Machine Works, Butler, Pa.
M. & D. stoves, steel ranges—Mason, Davis & Co., 7740 S. Chicago av, Chicago, Ill.
M. & E. oil & grease cup lubricators—Merchant & Evans Co., 2033 Washington av, Phila., Pa.
M. & H. feed & litter carriers—Miller & Hay Mfg. Co., Wauseon, O.
M. & I. hand torches, sheet steel oilers—Walter Mfg. Co., Pittsburgh, Pa.

M. & M. diamond metal polish—Motor & Machinists Supply Co., Kansas City, Mo.
M. & M. hog knives & grinders—Mitts & Merrill, Saginaw, Mich.
M. & M. tire cements—M. & M. Mfg. Co., Akron, Ohio
M. & S. automobile magneto igniters—Sleeper Co., Fowler, Ind.
M. & S. Co. carriage top dressing—Moller & Schumann Co., Marcy av, Brooklyn, N. Y.
M. & W. paper mill screens—Moore & White Co., N. 15th & Lehigh av, Phila., Pa.
McALEER wash boilers—E. J. McAleer & Co., 1422 N. 8th, Phila., Pa.
McARTHUR portable fire escapes—McArthur Portable Fire Escape Co., Cleveland, Ohio
McAULEY steam traps—McAuley Automatic Trap Co., Imperial Power bldg, Pittsburgh, Pa.
McAULIFFE traps—McAuliffe Non-Siphoning Trap Co., Chelsea, Mass.
McBEAN steel ranges—Daniel Mahoney & Sons, 17 Main, Buffalo, N. Y.
McBRIDE electric glove stretchers—C. L. McBride Mfg. Co., Toledo, Ohio
McCABE door hangers—McCabe Hanger Mfg. Co., 425 W. 25th, New York
McCADDEN leakless piston rings—McCadden Machine Works, St. Cloud, Minn.
McCANNA'S thread cutting tools — John M. Rogers Works, Gloucester, N. J.
McCANN'S spreader cars—Mann & McCann Co., Fisher bldg., Chicago, Ill.
McCARTHY'S baggage racks—Rostand Mfg. Co., Milford, Conn.
McCASLIN bucket elevators, gravity conveyors—Mead-Morrison Mfg. Co., cor. Prescott & Orleans, East Boston, Mass.
McCAULL carriage bows—Downey Bros., Spoke & Bending Co., Lancaster, Pa.
McCAULL carriage bows—Medina Bending Works, Medina, Ohio
McCHESNEY galvanized steel wire hose bands—J. S. McChesney & Co., 444 Wells, Chicago, Ill.
McCLAVE grate bars, mechanical stokers—McClave-Brooks Co., Poplar, Scranton, Pa.
McCLELLAN files—Nicholson File Co., Providence, R. I.
McCLELLAN trap vents—F. N. Dubois & Co., 247 9th av, New York
McCLURE hot blast stoves—G. W. McClure Son & Co., Pittsburgh, Pa.
McCLURE seats & tanks—Globe Fixture & Furniture Co., Quincy, Ill.
McCORD lubricators, journal boxes, draft gears & spring dampers—McCord & Co., 122 S. Michigan av, Chicago, Ill.
McCORMICK binder twine, cultivators, harrows, mowers, reapers, harvesters, binders, corn huskers, corn pickers, hay stackers, hay tedders—International Harvester Company of America (Inc.), Harvester bldg, Chicago, Ill.
McCORMICK blue grass harvesters—McCormick Bros., Winchester, Ky.
McCORMICK hydraulic turbines & turbine water wheels—S. Morgan Smith Co., York, Pa.
McCOY ground connection clamps—Cameron Appliance Co., Everett, Mass.
McCOY lime—Chas. Warner Co., Wilmington, Del.
McCOY oil & grease cups—Detroit Shipbuilding Co., Detroit, Mich.
McCRACKEN concrete mixers & drag sawing machines—Sioux City Engine & Machy. Co., Sioux City, Ia.
McCROSKY reamers, expanding mandrels—McCrosky Reamer Co., Meadville, Pa.
McCULLOCH shovels, spades & scoops—Owensboro Shovel & Tool Co., Owensboro, Ky.
McCULLY rock & ore crushers—Worthington Pump & Machy Corp., 115 B'way, New York
McDANIEL boiler injectors, exhaust heads, steam traps—Watson & McDaniel Co., 146 N. 7th, Philadelphia, Pa.
McDONALD basin cocks—A. Y. McDonald Mfg. Co., Dubuque, Ia.
McDONALD wagon scales—Moline Plow Co., Moline, Ill.
McDONNELL transformers—Wesco Supply Co., 7th & Clark, St. Louis, Mo.
McDONOUGH damper regulators, pump governors, feed water regulators — McDonough Automatic Regulator Co., Detroit, Mich.
McDOUGAL smelting furnaces—Allis-Chalmers Mfg. Co., Milwaukee, Wis.
McFEELY hydraulic pumps—Tranter Mfg. Co., 105 Water, Pittsburgh, Pa.
McGIFFERT log loaders—Clyde Iron Works, Duluth, Minn.
McGIFFIN automobile wind shields — Automobile Specialties Co., E. E. Jenkins Arcade, Pittsburgh, Pa.
McGILL conductors' ticket punches—McGill Ticket Punch Co., 542 W. Harrison, Chicago, Ill.
McGILL paper fasteners—American Brass Co., Waterbury, Conn.
McGILL'S BABY pumpless gasoline torches—McGill Mfg. Co., 77 Oak, Valparaiso, Ind.
McGRATH pneumatic motors—Draper Mfg. Co, Port Huron, Mich.
McGREGOR boiler braces—Jos. T. Ryerson & Son, 2558 W. 16th, Chicago, Ill.
McGREGOR gauge glasses—A. W. Chesterton Co., 64 India, Boston, Mass.
McGUIRE roof flanges—H. E. Hessler Co., Syracuse, N. Y.
McGUIRE stove pipe thimbles—E. C. Stearns & Co., 450 Oneida, Syracuse, N. Y.
McGUIRE-CUMMINGS snow sweepers — McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg., Chicago, Ill.
McHENRY track gauges, track levels—Sheffield Car Co., Three Rivers, Mich.
McHENRY track levels—Fairbanks, Morse & Co., 900 S. Wabash av, Chicago, Ill.
McINNES tool steel — McInnes Steel Co. (Ltd.), Corry, Pa.
McINTYRE hose couplings—Combination Ladder Co., 366 Fountain, Providence, R. I.
McKEE gas fired boilers—Eclipse Fuel Engineering Co., 100 Forbes, Rockford, Ill.
McKEE grease cups—Lindholm Metal Stamping Co., Camden, N. J.
McKEE rolled steel flanged shoulder plates—Elyria Iron & Steel Co., Cleveland, Ohio
McKEEN interurban gasoline cars—McKeen Motor Car Co., Omaha, Nebr.
McKELLAR steam traps—W. T. Garratt & Co., 299 Fremont, San Francisco, Cal.
McKENNA circulating pumps—McCord & Co., 122 S. Michigan av, Chicago, Ill.
McKENNA iron rail & rolling mills—American McKenna Process Co., Milwaukee, Wis.
McKENNA reinforcing bar benders—McKenna Co., 1851 E. 38th, Cleveland, Ohio
McKENZIE lubricants—John S. Bushnell & Co., 146 Liberty, New York
McKENZIE potato sprayers—McKenzie Bros. Mfg. Co., La Crosse, Wis.
McKESSON-RICE screenless sizers — Stearns-Rogers Mfg. Co., Denver, Colo.
McKIM metallic caskets—McCord Mfg. Co., Detroit, Mich.
McKINNEY ironing boards—Tyrone Ironing Board Co., Tyrone, Pa.
McKINNON folding automobile seats — McKinnon Dash Co., Buffalo, N. Y.
McKINNON grease cups, valve re-seating machines—McKinnon Iron Works, Ashtabula, Ohio
McLANAHAN coal jigs—McLanahan-Stone Machine Co., Holidaysburg, Pa.
McLAUGHLIN lock-nuts & washers, flexible metallic conduits—Franklin Railway Supply Co., 30 Church, New York
McLEAN'E swastika carriage top dressing—McLean-Jones Oil & Supply Co., 40 India Wharf, Boston, Mass.
McMAHON cable grips—Hallet Iron Works, Harvey, Ill.
McMANUS track engines, track levels—Buda Co., Railway Exchange bldg., Chicago, Ill.
McMICKEN car wheel holders—Ransome-Leach Co., 115 B'way, New York
McNAB chart room & engine revolution counters, indicating ship telegraph apparatus, marine clocks, whistle pulls, steamship draft gauges—McNab Co., Bridgeport, Conn.
McNAULL tires—McNaull Tire Co., Ohio bldg., Toledo, Ohio
McNUTT non-explosive can—McNutt Can Sales Co., Inc., 83 Chambers, New York
McPARTLAND rail clutches—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
McSHANE ball cocks—McShane Bell Foundry Co., Harford av & B. & O. R. R., Baltimore, Md.
McSHANE pipe hangers—Nauffts Co., 127 Purchase, Boston, Mass.
McSHERRY harrows, planting drills, seeders & sowers, shovel plows—Fetzer & Co., Springfield, Ill.
McVICAR engine oilers—Mine & Smelter Supply Co., 42 B'way, New York

McVICKER gasoline engines—Walter A. Wood Mowing & Reaping Machine Co., Hoosick Falls, N. Y.
McWADE speaking tubes—Vulcan Mfg. Co., 3140 S. Canal, Chicago Ill.
McWHORTER peanut planters, potato planters, spring cotters—McWhorter Mfg. Co., Riverton, N. J.
McWILLIAMS light switchboards—Geo. Cutter Co., South Bend, Ind.
MAAS seal presses—Sigwalt Mfg. Co., 3658 Armitage, Chicago, Ill.
MABBS rawhide packing—Chicago Rawhide Mfg. Co., 1301 Elston av, Chicago, Ill.
MABIR insulator pins—Electrical Material Co., 618 W. Jackson blvd, Chicago, Ill.
MAC brass oil cups—Wm. Powell Co., Cincinnati, Ohio
MACBETH lamp chimneys — Macbeth-Evans Glass Co., Pittsburgh, Pa.
MACCOLL spooler guides, bobbin holders — Draper Corp., Hopedale, Mass.
MACDONALD pattern drawing machines, roller ramming machines—Snead & Co. Iron Works, 98 Pine, Jersey City, N. J.
MACDONALD shaking grates—International Engineering Works, Framingham, Mass.
MACFARLANE switches & switchboards—Blake Electric Mfg. Co., 1 Rowes Wharf, Boston, Mass.
MACHMAN feed water purifiers—D. W. Patterson, Harrison bldg., Phila., Pa.
MAC-IT hollow set screws—Mac-It Parts Co., Lancaster, Pa.
MACK motor fire engines—International Motor Co., 64th & West End av, New York
MACK stenographers' copy holders—Weber-Knapp Co., Jamestown, N. Y.
MAC-KAE BLITZ spark plugs — Randall-Faichney Co., Boston, Mass.
MACKENZIE gas exhausters—Isbell-Porter Co., 46 Bridge, Newark, N. J.
MACKIE & SONS flax machinery—Wm. Firth, 200 Devonshire, Boston, Mass.
MACKIN automobile oil gauges—Mackin Oil Gauge Co., 33 N. Foster, Worcester, Mass.
MACKINTOSH sugar centrifugals—S. S. Hepworth Co., 2 Rector, New York
MACLEAN dumping carts—MacLean & McCurdy, Dorchester, Boston, Mass.
MACNICHOLS brick paints—Pyramid Paint Co., 133 N. 22nd, Phila., Pa.
MACONITE insulated wire — Bay State Insulated Wire & Cable Co., Hyde Park, Mass.
MACPHERSON frogs, switches & crossings—Ramapo Iron Works, Hillburn, N. Y.
MADDOCK closet spuds—Trenton Brass & Machine Co., Trenton, N. J.
MADDOCK'S drinking fountains — Thos. Maddock's Sons Co., Trenton, N. J.
MADDOX mitreing machines—Maddox Machine Co., Jamestown, N. Y.
MADDRESS chain tongs—Union Tool Co., Los Angeles, Cal.
MADERITE tennis balls—Seamless Rubber Co., New Haven, Conn.
MADIERA grease cups—Lindholm Metal Stamping Co., Camden, N. J.
MADISON shears & scissors—Wiebush & Hilger, 106 Lafayette, New York
MADISON SQUARE automobile annunciators—Cowles, C., & Co., New Haven, Conn.
MADSEN automatic water heaters—Thermal Appliance Co., 420 W. 27th, New York
MAGEE boiler couplings—Trenton Brass & Machine Co., Trenton, N. J.
MAGEE steam heaters — Magee Furnace Co., 38 Union, Boston, Mass.
MAGIC basin clamps—Glauber Brass Mfg. Co., 49th & Superior av, N. E., Cleveland, Ohio
MAGIC boiler compounds—Garratt-Callahan Co., 30 Fremont, San Francisco, Cal.
MAGIC currycombs—F. E. Kohler Co., Canton, Ohio
MAGIC decarbonizer carbon removers—Hall-Thompson Co., Hartford, Conn.
MAGIC drill chucks, twist drill collets—Modern Tool Co., 300 State, Erie, Pa.
MAGIC drill grinders—National-Standard Co., Box 211, Niles, Mich.
MAGIC fire place heaters—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
MAGIC flour sieves—National Mfg. Co., Worcester, Mass.
MAGIC hose menders—Hamblin & Russell Mfg. Co., Worcester, Mass.
MAGIC massage vibrators—Adam Fisher Mfg. Co., St. Louis, Mo.
MAGIC oil stoves — Taylor & Boggis Foundry Co., Cleveland, Ohio
MAGIC packing—New York Belting & Packing Co., 91 Chambers, New York
MAGIC paint & varnish removers—Chicago White Lead & Oil Co., 1454 Southwestern av, Chicago, Ill.
MAGIC paint & varnish remover—Wadsworth-Howland & Co., 141 Federal, Boston, Mass.
MAGIC razor strops—L. W. Loveless Mfg. Co., Lafayette, Ind.
MAGIC sink cleaners—New York Stamping Co., N. 11th & Berry, Brooklyn, N. Y.
MAGIC splicing compound tape—Boston Woven Hose & Rubber Co., Cambridge, Mass.
MAGIC tire & axle shrinkers—Illinois Iron & Bolt Co., Carpentersville, Ill.
MAGIC tire & axle shrinkers—South Bend Foundry Co., South Bend, Ind.
MAGIC vacuum cleaners—Innovation Electric Co., 585 Hudson, New York
MAGIC wall paper size—Cott-a-Lap Co., Somerville, N. J.
MAGIC water power washer—Blackstone Mfg. Co., Jamestown, N. Y.
MAGIC SOLVENT paint & varnish remover—McPhee & McGinnity Co., Denver, Colo.
MAGILL PATN. paper fasteners—Dennison Mfg. Co., 26 Franklin, Boston, Mass.
MAGNALITE airplane piston—Levett, Walker M. Co., 417-421 E. 23d, New York
MAGNETCO sulphuret of antimony—Magnolia Metal Co., 115 Bank, New York
MAGNELITE engine pistons—Walker M. Levett Co., 417 E. 23d, New York
MAGNET blotting paper—Eaton-Dikeman Co., Lee, Mass.
MAGNET iron & steel roofing—Cincinnati Sheet Metal & Roofing Co., 226 E. Front, Cincinnati, Ohio
MAGNET lubricating oils & greases—Valvoline Oil Co., 11 Broadway, New York
MAGNET rubber packing—Manhattan Rubber Mfg. Co., Passaic, N. J.
MAGNET splicing compound tape—Boston Woven Hose & Rubber Co., Cambridge, Mass.
MAGNET stoves—Pittston Stove Co., Pittston, Pa.
MAGNETIC gas stoves & radiators—Southard-Robertson Co., Peekskill, N. Y.
MAGNETO packing—Randolph Brandt, 70 Cortlandt, New York
MAGNETO telephone bells—Bridgeport Brass Co., Bridgeport, Conn.
MAGNITE cold water paints—Flintkote Co., 88 Pearl, Boston, Mass.
MAGNOLIA cement—Southern Cement Co., Birmingham, Ala.
MAGNOLIA garden cultivators—Ohio Cultivator Co., Bellevue, Ohio
MAGNOLIA metallic packing & babbitt metal—General Asbestos Rubber Co., Charleston, S. C.
MAGNOLIA metallic shingles—Moeschl-Edwards Corrugating Co., Covington, Ky.
MAGNOLIA packing—Magnolia Metal Co., 113 Bank, New York
MAGYAR spade & shovel—Conneaut Shovel Co., Conneaut, Ohio
MAGYAR UNIONS mining machine shovels—Conneaut Shovel Co., Conneaut, Ohio
MAHECO hot water heat generators—Makin Heating Co., 1827 Filbert, Phila., Pa.
MAHLER calorimeters—Wm. Gaertner & Co., 5349 Lake Park av, Chicago, Ill.
MAHLSTEDT printing machinery—Lisenby Mfg. Co., Fresno, Cal.
MAHONEY drinking fountains—Myers & Mahoney Plumbing Co., Portland, Me.
MAHONING expanded metal & lath—Youngstown Pressed Steel Co., Youngstown, Ohio
MAHONING expanded metal lath, iron & steel roofing, plasterers steel corner beads—Sharon Steel Hoop Co., Sharon, Pa.
MAHONY grate bars, shaking grates—Godfrey-Keeler Co., 70 Warren, New York
MAIER'S lacquer—John G. Maier's Sons, 153 N. Gay, Baltimore, Md.
MAIHAK engine indicators—Bacharach Industrial Instrument Co., 14 Wood, Pittsburgh, Pa.
MAIL padlocks—Slaymaker Lock Co., Lancaster, Pa.
MAIMIN electric cloth cutting machines—H. Maimin Co., 251 W. 19th, New York
MAJER garden hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
MAJESTIC clothes washing machines—Richmond Cedar Works, Fulton, Richmond, Va.

MAJESTIC coal chutes—Edwin A. Jackson & Bro., Inc., 50 Beekman, New York
MAJESTIC coal chutes, garbage receivers, ash dumps, ash-pit doors, metal flower boxes, milk bottle & package receivers, warm air furnaces—Majestic Co., Huntington, Ind.
MAJESTIC flour sieves—Parker Wire Goods Co., Worcester, Mass.
MAJESTIC grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
MAJESTIC SUNSHINE steam heaters—Reading Scale & Machine Co., Reading, Pa.
MAJOR barrel spray pump & whitewashing outfit—Deming Co., Salem, Ohio
MAJOR hog rings—Heeson Bros. Co., Tecumseh, Mich.
MAJOR hog rings—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.
MAJOR lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
MAJOR JONES spark plugs—Major E. Jones Motor Co., Detroit, Mich.
MAKE A MOTOR TRUCK truck units—Make A Motor Truck Co., 1508 Michigan av, Chicago, Ill.
MAKESTOCK WAYMORE kerosene tank heaters—Midland Supply Co., Davenport, Ia.
MALAY packing—W. H. Salisbury & Co., 105 S. Wabash, Chicago, Ill.
MALCOLM harrows & pulverizers—H. P. Deuscher Co., Hamilton, Ohio
MALIN'S carpet beaters—Malin & Co., Vestry av, N. W., Cleveland, Ohio
MALLERY farriers' hammers—Champion Tool Co., Meadville, Pa.
MALLON sugar cane carrier feeders—Boland Machine & Mfg. Co., New Orleans, La.
MALONS'S steel bushed roller chains—Boland Machine & Mfg. Co., New Orleans, La.
MALSTA brewer's hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
MALTA hand carts, potato planters—Brown-Manly Plow Co., Malta, Ohio
MALTBY handcuffs & twisters—Mattatuck Mfg. Co., Waterbury, Conn.
MALTESE CROSS belting, hose, play pipes—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
MALTESE CROSS gauge glasses—Bache, Semon & Co., 636 Greenwich, New York
MAMMOTH alarm clocks—Parker Clock Co., Meriden, Conn.
MAMMOTH corn & cob mills—Wolf & Co., Chambersburg, Pa.
MAMMOTH cotton seed hullers—Diamond Huller Co., Winona, Minn.
MAMMOTH dry earth closets—P. H. MaGirl Foundry & Furnace Works—Bloomington, Ill.
MANAHAN'S moth bags—Manahan Moth Paper Co., 372 Pearl, New York
MANARD frogs, switches & crossings—Bethlehem Steel Co., So. Bethlehem, Pa.
MANCHARDT'S cherry stoners—Cassady, Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
MANCHESTER battery motors—Davis Kendrick Co., Lebanon, N. H.
MANCO waterproofing materials—Philip Carey Mfg. Co., 330 Wayne av, Lockland, Cincinnati, Ohio
MANDARINE belting—Combination Rubber Mfg. Co., Bloomfield, N. J.
MANDT farm wagons—Mandt Wagon Co., Stoughton, Wis.
MANDT farm wagons—Moline Plow Co., Moline, Ill.
MANDT wagon dump boxes—American Cement Machine Co., Keokuk, Ia.
MANEHARDT strawberry hullers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
MANEST hot air clothes dryers, hot air furnaces—John E. Mannen Co., 2247 St. Clair, Cleveland,
MANHATTAN alum size—Manhattan Color Works, 114 West End av, New York
MANHATTAN arc lamps—Buckeye Electric Works of G. E. Co., Illuminating bldg, Cleveland, Ohio
MANHATTAN dumb waiters—Storm Mfg. Co., 50 Vesey, Newark, N. J.
MANHATTAN gas stoves—Manhattan Gas Heating Co., 909 7th av, New York
MANHATTAN life saving nets—Combination Ladder Co., 366 Fountain, Providence, R. I.
MANHATTAN packing—Greene, Tweed & Co., 109 Duane, New York
MANHATTAN rail joints—Elyria Iron & Steel Co., Cleveland, Ohio
MANHATTAN rail joints—Industrial Supply & Equipment Co., 407 Sansom, Phila., Pa.
MANHATTAN range boilers—Hayes Mfg. Co., Paterson, N. J.
MANHATTAN steam & hot water heaters—Mackay Mfg. Co., 234 Water, New York
MANHATTAN step ladders—Reiley Bros. Ladder Co., 324 W. 41st, New York
MANHATTAN thermometers—C. J. Tagliabue Mfg. Co., 18 33d, Brooklyn, N. Y.
MANHATTAN water filters—Loomis Manning Filter Distributing Co., Phila., Pa.
MANIERRE box car loaders—Link-Belt Co., 39th & Stewart av, Chicago, Ill.
MANIERRE box car loaders—Manierre Engineering & Mach. Co., Colby-Abbott bldg, Milwaukee, Wis.
MANILA packing—Geo. W. Knowlton Rubber Co., 60 Pearl, Boston, Mass.
MANIPLEX sewing machines—L. F. Fales, Walpole, Mass.
MANLEY gas engines—United Engine & Mfg. Co., Hanover, Pa.
MANLEY HILITE portable cranes—United Engine & Mfg. Co., Hanover, Pa.
MANN root cutters—F. W. Mann Co., Milford, Mass.
MANN spreader cars, round house smoke jacks—Mann-McCann Co., Fisher bldg., Chicago, Ill.
MANNING rail benders—Verona Tool Works, Oliver bldg., Pittsburgh, Pa. & Verona, Pa.
MANNING tubular boilers—Portland Co., Portland, Maine
MANNING tubular boilers—Hewes & Phillips Iron Works, 8 Orange, Newark, N. J.
MANN-STEVENSON can testing machines—Stevenson & Co., 607 S. Caroline, Baltimore, Md.
MANN'S bone mills—F. W. Mann Co., Milford, Mass.
MANN'S IMPROVED bone mills—E. C. Stearns & Co., 450 Oneida, Syracuse, N. Y.
MANROSS hair springs—F. N. Manross & Sons, Forestville, Conn.
MANSBRIDGE telephone condensers—Electric Specialty Co., Cresco, Ia.
MANSFIELD babbitt metal—Pittsburgh Brass Mfg. Co., Pittsburgh, Pa.
MANSFIELD ball cocks—Acheson Mfg. Co., Rankin, Pa.
MANSFIELD grate bars—Wm. E. Rider & Co., Mansfield, Mass.
MANSFIELD rubber tires, inner automobile tubes—Mansfield Tire & Rubber Co., Mansfield, Ohio
MANSON gasoline arc lamps—American Gas Machine Co., Albert Lea, Minn.
MANTACO unions—McMann & Taylor Co., 104 John, New York
MANUFACTURERS fire sprinklers—Automatic Sprinkler Co. of America, 127 William, New York
MANUFACTURING AUTOMATIC chucking machines—Potter & Johnston Machine Co., Pawtucket, R. I.
MANZEL sight feed lubricators—Manzel Bros. Co., 315 Babcock, Buffalo, N. Y.
MAPLE LEAF carbon paper—Miller-Bryant-Pierce Co., Aurora, Ill.
MAPLE LEAF tooth picks—Crunden-Martin Mfg. Co., 2d & Gratiot, St. Louis, Mo.
MARATHON belting—B. F. Goodrich Co., Akron, Ohio
MARATHON leather belting—R. H. Hood Co., 1842 Germantown av, Philadelphia, Pa.
MARATHON lubricating oils & greases—J. H. Weinberg Co., 198 B'way, New York
MARATHON maple flooring—Ward Bros., Big Rapids, Mich.
MARATHON rubber tires—Marathon Tire & Rubber Co., Cuyahoga Falls, Ohio
MARATHON spinning tops—Huntington-Scott Co., 62 E. Prescott, Columbus, Ohio
MARBLE gun rod tools, hunters' axes, pocket screwdrivers, trout nippers—Marble Arms & Mfg. Co., Gladstone, Mich.
MARBLELOID cork tile—Marbleoid Co., 47 W. 34th, New York
MARBLICA cleaning compounds—India Alkali Works, 28 India Wharf, Boston, Mass.
MARBLOID wall finish—Yarnall Paint Co., 1026 Race, Phila., Pa.
MARBURG-LUCIFER bicycle & electric auto lamps—Marburg Bros., 90 West, New York
MARCHAND conduit fittings—Steel City Electric Co., 1207 Columbus av, Pittsburgh, Pa.
MARCHAND mine guy clamps—Steel City Electric Co., 1207 Columbus av, Pittsburgh, Pa.
MARCO rubber water bottles—Star Rubber Co., Akron, Ohio
MARIETTA farm wagons—Ohio Valley Wagon Co., Marietta, Ohio
MARINE grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
MARINE leather belting—McCauley Belting Co., 412 Orleans, Chicago, Ill.
MARINE manilla & sisal rope—Upson-Walton Co. of N. Y., 291 Broadway, New York

MARION blow torches—Hine-Watt Mfg. Co., Chicago, Ill.
MARION brick cutting machinery—H. Martin Brick Mach. Mfg. Co., Lancaster, Pa.
MARION flue cleaners, shaking grates—Marion Machine, Foundry & Supply Co., Marion, Ind.
MARION HARLAND coffee percolators—Silver & Co., 304 Hewes, Brooklyn, N. Y.
MARITIMO acid tank lining & waterproofing compounds—Maritime Coating Corp., 2 Rector, New York
MARK unions—Mark Mfg. Co., Evanston, Ill.
MARK-A-LINE show card inks—Carter's Ink Co., E. Cambridge, Boston, Mass.
MARKDOWN clothes lines—Estes Mills, Falls River, Mass.
MARKOE envelope sealing machines—American Multigraph Sales Co., 1832 E. 40th, Cleveland, Ohio
MARKWELL typewriter ribbons—Frank Bayer Co., 119 Lafayette, New York
MARLIN repeating rifles—Rockwell Corp. (Marlin Arms Div.), New Haven, Conn.
MARLIN RUST REPELLER, rust preventives—Marlin Rockwell Corp., Marlin Arms Div., New Haven, Conn.
MARLO electric bells— P R Mfg. Co., Detroit, Mich.
MARNILE cutting oils—Geo. A. Haws, 135 Front, New York
MAROA spring tooth harrows—Maroa Mfg. Co., Maroa, Ill.
MAROLITE electric lighting systems — Central Electric Co., 320 S. 5th av, Chicago, Ill.
MARQUETTE blast furnaces—Cleveland-Cliffs Iron Co., Rockefeller bldg, Cleveland, Ohio
MARQUETTE cement—Marquette Cement Mfg. Co., La Salle, Ill.
MARS padlock locks—U. S. Lock Hdwe. Co., Columbia, Pa.
MARS sight feed lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
MARSAUT miners' safety lamps—American Safety Lamp & Mine Supply Co., Scranton, Pa.
MARSEILLES corn & cob mills—Marseilles Co., East Moline, Ill.
MARSH PAUL vacuum heating valves—Jas. P. Marsh & Co., 118 S. Clinton, Chicago, Ill.
MARSH BLAST vacuum traps—Jas. P. Marsh & Co., 118 S. Clinton, Chicago, Ill.
MARSHALL corn cribs—Iron Crib & Bin Co., Wooster, Ohio
MARSHALL corn cribs—Pioneer Mfg. Co., Middlebury, Ind.
MARSHALL drives—Beloit Iron Works, Beloit, Wis.
MARSHALL fire hose—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
MARSHALL furniture polish—Marshall Oil Co. of Iowa, Marshalltown, Ia.
MARSHALL'S linemen's shields—Linemen Protector Co., 172 Griswold, Detroit, Mich.
MARSHALLTOWN ratchet wrenches—C. & E. Mfg. Co., Marshalltown, Ia.
MARSH-AYER mitre boxes—Millers Falls Co., Millers Falls, Mass.
MAR-STUN dry batteries—Bright Star Battery Co., 316 Hudson, New York
MARTELL metallic packing—Martell Packings Co., Inc., The, Elyria, Ohio
MARTELL reamers—Taft-Peirce Mfg. Co., Woonsocket, R. I.
MARTEN fire extinguishers, metallic shades—National Metal Stamping & Mfg. Co., 494 Mulberry, Newark, N. J.
MARTIN automobile truck trailers—Martin Carriage Works, York, Pa.
MARTIN bed & furniture casters—National Caster Co., Hamilton, Ohio
MARTIN bed & furniture casters—Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
MARTIN grate bars—Martin Grate Co., Fisher bldg., Chicago, Ill.
MARTIN lumberman's hooks—Lufkin Foundry & Machine Co., Lufkin, Texas
MARTIN marking machines—Martin Machine Co., Greenfield, Mass.
MARTIN road machines & graders—International Ditching & Road Mach'y Co., Owensboro, Ky.
MARTIN shock absorbers—Halliwell Bros., 333 W. Pico, Los Angeles, Cal.
MARTIN valve controllers—Beaumont Iron Works Co., Beaumont, Texas
MARTIN'S door hangers—S. B. Martin, Dalton, Ohio
MARTIN'S fishing reels—Martin Automatic Fish Reel Co., Ilion, N. Y.
MARTIN'S flexible joints—Barco Brass & Joint Co., 212 W. Illinois, Chicago, Ill.
MARTIN'S glue—International Glue Co., 24 T. Wharf, Boston, Mass.
MARVEL adjustable shower drainage traps—Detroit Marvel Brass Mfg. Co., 332 River rd, Detroit, Mich.
MARVEL blowers, electric exhausters & ventilating fans—Electric Blower Co., 352 Atlantic av, Boston, Mass.
MARVEL boiler compounds—Kuhne-Libby Co., 51 Front, New York
MARVEL carbureters, gasoline strainers—Marvel Carburetor Co., Flint, Mich.
MARVEL furniture polish—Wilbur C. Perkins Co., 1925 S. Western av, Chicago, Ill.
MARVEL hack saw machines, portable grinders, portable punches, rod cutters—Armstrong-Blum Mfg. Co., 337 N. Francisco av, Chicago, Ill.
MARVEL hot air furnaces, steam heaters—Interstate Mfg. Co., Oskaloosa, Ia.
MARVEL oil pumps—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
MARVEL soldering irons—Lyon, Conklin Co., 19 Balderston, Baltimore, Md.
MARVEL thermostats, heat regulators & valves—American Thermostat Co., 101 Mechanic, Newark, N. J.
MARVEL vulcanizers, valve grinders & socket wrenches—Marvel Accessories Mfg. Co., 2011 E. 46th, Cleveland, Ohio
MARVEL water heaters—Mustee Water Heater Co., 3409 Superior av, Cleveland, Ohio
MARVEL water supply system—Deming Co., Salem, Ohio
MARVELO air drill hose, braided hose, chemical engine hose, garden hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
MARXOFF scrapers, box & plumbers'—Binney & Smith Co., 81 Fulton, New York
MARYLAND garden spades—Indiana Shovel Co., New Castle, Ind.
MARYLAND gas meters—Chas. H. Dickey, North & Saratoga, Baltimore, Md.
MASCO automobile trunks, trunk racks, storage batteries—Milwaukee Auto Specialty Co., 711 Chestnut, Milwaukee, Wis.
MASCOT dry batteries—J. H. Bunnell & Co., 32 Park pl, New York
MASCOT enameling ovens—American Enamel Co., Providence, R. I.
MASCOT grease cups—Wm. Powell Co., Cincinnati, Ohio
MASCOT lawn mowers—Mast, Foss & Co., Springfield, Ohio
MASCOT spelter—American Zinc & Lead Smelting Co., 120 B'way, New York
MASCOT steam heaters—United States Radiator Corp., Detroit, Mich.
MASCOT x-ray tubes—Green & Bauer, Hartford, Conn.
MASCOTTE rat traps—Lovell Mfg. Co., Erie, Pa.
MASDA dry batteries—Fred. D. Harper, Everett, Mass.
MASON automobile tire trunks—Milwaukee Auto Specialty Co., 711 Chestnut, Milwaukee, Wis.
MASON car steps & treads—American Mason Safety Tread Co., Lowell, Mass.
MASON celery hillers, plow clevises, wrenches—F. C. Mason & Co., St. Johns, Mich.
MASON fruit jar wrenches—S. & I. Co., Springfield, Mass.
MASON fruit jars—Ball Bros. Glass Mfg. Co., Muncie, Ind.
MASON insulating tape—Okonite Co., 501 5th av, New York
MASON safety stair treads—American Mason Safety Tread Co., Lowell, Mass.
MASON steam specialties—Mason Regulator Co., 1192 Adams, Boston, Mass.
MASON'S steel pens—W. L. Mason & Co., Keene, N. H.
MASON terra cotta clay conduits—National Fire Proofing Co., Fulton bldg, Pittsburgh, Pa.
MASON STEAM METERS—Plant Engineering & Equipment Co., Inc., 6 Church, New York
MASON CHAMPION wire fences & gates—Mason Fence Co., Leesburg, Ohio
MASON-JAGER air compressors, oil engines—Chas. J. Jager Co., 15 Custom House, Boston, Mass.
MASONS hygrometers—Philadelphia Thermometer Co., 9th & Arch, Phila., Pa.
MASS. TOOL CO. straight edges—Goodell-Pratt Co., Greenfield, Mass.
MASSASOIT belt lacing—Holyoke Belting Co., Holyoke, Mass.
MASSASOIT rubber hose—National India Rubber Co., Bristol, R. I.
MASSETH'S oil well packers—Masseth Packer & Machine Works, Butler, Pa.

MASSILLON drop hammers, single & double frames, hammers, punching & shearing machines & presses—Massillon Foundry & Mach. Co., Massillon, Ohio
MASSILLON feed water heaters & purifiers, steam heaters—Griscom-Russell Co., 92 West, New York
MASSILLON traction engines—Russell & Co., Massillon, Ohio
MASTER air compressors, automatic pumps, spark plugs—Hartford Machine Screw Co., Hartford, Conn.
MASTER slide rule—Dahl Mfg. Co., 841 E. 136th, New York
MASTERCLOCK automobile pneumatic clocks—Hahl Automatic Clock Co., 2644 N. Maplewood av, Chicago, Ill.
MASTERPIECE pipe wrenches—Bonney Vise & Tool Works, Allentown, Pa.
MASTERPIECE razors—C. Klauberg & Bros., Woolworth bldg, New York
MASTER WORKMAN alcohol engines—Temple Pump Mfg. Co., 22nd & S. 54th, Chicago, Ill.
MASTIC asphalt—Byerly & Sons, 2489 W. 4th, Cleveland, Ohio
MASTIC canvas roofing—National Roofing Material Co., Edwardsville, Ill.
MASTIC tire cements—Michelin Tire Co., Milltown, N. J.
MATADOR spark plugs—Matador Tire & Vulcanizing Co., 1400 Michigan av, Chicago, Ill.
MATCHAMS coal dryers—Fuller Engineering Co., Allentown, Pa.
MATCHLESS box openers, adjustable hack saw frames & coping saws & screw drivers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
MATCHLESS clothes washing machines—Richmond Cedar Works, Fulton, Richmond, Va.
MATCHLESS clover hullers—Aultman & Taylor Machinery Co., Mansfield, Ohio
MATCHLESS hypodermic syringes—Randall-Faichney Co., Boston, Mass.
MATCHLESS lawn mowers—Dille & McGuire Co., Richmond, Ind.
MATCHLESS lawn mowers—E. C. Stearns & Co., 450 Oneida, Syracuse, N. Y.
MATCHLESS lawn mowers—S. P. Townsend & Co., Orange, N. J.
MATCHLESS liquid gloss furniture polish—Standard Oil Co. of N. Y., 555 W. 25th, New York
MATCHLESS paste polish—Matchless Metal Polish Co., 151 Varick, New York
MATCHLESS pipe threaders—Oster Mfg. Co., Cleveland, Ohio
MATCHLESS radiators—W. A. Case & Son Mfg. Co., Buffalo, N. Y.
MATCHLESS reclaimed rubber—U. S. Rubber Reclaiming Works, 42nd st bldg., New York
MATCHLESS hinges & sash locks—Lawson Mfg. Co., 230 W. Superior, Chicago, Ill.
MATCHLESS water heaters—Matchless Heater Co., Holyoke, Mass.
MATCHLESS JUSTRITE mine safety lamps—Justrite Mfg. Co., 2061 Southport av, Chicago, Ill.
MATHER Vanadium automobile springs—Mather Spring Co., Toledo, Ohio
MATHER wool finishing mach'y—Leigh & Butler, 232 Summer, Boston, Mass.
MATHER & Platt dyeing machinery—Leigh & Butler, 232 Summer, Boston, Mass.
MATHEWS fire hydrants—R. D. Wood & Co., 400 Chestnut, Phila., Pa.
MATHEWS garment hangers—Cassady-Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
MATSON SAFETY metal cutting off machines—Matson Machine Co., Concord, N. H.
MATTATUCK handcuffs & wire link fabrics—Mattatuck Mfg. Co., Waterbury, Conn.
MATTE enamels—Edw. Smith & Co., 127 West av, Long Island City, N. Y.
MATTHEWS electric lighting systems—Matthews Engineering Co., Sandusky, Ohio
MATTHEWS fuse lighters—du Pont de Nemours & Co., E. I., Wilmington, Del.
MATTHEWS guy clamps, lamp guards, pole erectors—W. N. Matthews & Bro., 3722 Forest Park blvd, St. Louis, Mo.
MATTHEWS photometers—Foote-Pierson & Co., 160 Duane, New York
MATTHEWSON sand blast machines, tumbling barrels—Tilghman-Brooksbank Sand Blast Co., 1126 S. 11th, Philadelphia, Pa.
MATRIX asphalt mastic—Standard Asphalt & Rubber Co., 208 S. La Salle, Chicago, Ill.
MAUD S. farriers' hammers, pincers—Champion Tool Co., Meadville, Pa.
MAUMEE drag road scrapers—Toledo Wheelbarrow Co., 2400 Broadway, Toledo, Ohio
MAX sight feed lubricators—Nathan Mfg. Co., 416 E. 106th, New York
MAXBAR cornices & skylights—Central Sheet Metal Works, 260 E. 78th, New York
MAXCO water closets & closet seats—Climax Sanitary Co., Detroit, Mich.
MAXFER truck units—Maxfer Truck Co., 5035 Wabash av, Chicago, Ill.
MAXI carbureters—Maxi Co., 115 Broadway, New York
MAXIM gasoline burners—Theo. Clough, Dobby Ferry, N. Y.
MAXINE metal polish—Rexine Company, Sheboygan, Wis.
MAXON-MILLER lever jacks—Maxon-Miller Jack Co., Huntington, W. Va.
MAX STADT wire connectors—Chicago Die & Machine Works, 415 N. Carpenter, Chicago, Ill.
MAXUM ground cones—Fairmount Electric & Mfg. Co., 59th & Woodland, Phila., Pa.
MAXWELL envelope sealing machines—Marrow-Ulrich-Maxwell, Cleveland, Ohio
MAYARI track bolts—Bethlehem Steel Co., South Bethlehem, Pa.
MAYD-WELL shaving brushes—Mayd-Well Brush Co., Troy, N. Y.
MAY EUREKA nut crackers & picks—Cassady, Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
MAY FLOWER lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.
MAYHEW mitre boxes—H. H. Mayhew Co., Shelburne Falls, Mass.
MAY MEADOWS blast furnaces—Va. Iron, Coal & Coke Co., Roanoke, Va
MAYMONT self-oiling pulleys—McMaster-Carr Supply Co., 174 N. Market, Chicago, Ill.
MAYNARD nail pullers—Snow & Petrelli Mfg. Co., New Haven, Conn.
MAYO auto radiator—Mayo Radiator Co., S. Boulevard & 143d, New York
MAY'S salamanders—Eagle Iron Works, 850 DeKalb av, Brooklyn, N. Y.
MAYTAG clothes washing machines—Maytag Co., Newton, Ia.
MAYVILLE blast furnace—Northwestern Iron Co., 1st National Bank bldg, Milwaukee, Wis.
MAXF grinding wheels—Maxf Grinding Wheel Corp., Chester, Mass.
MAXON stone lever, jacks—Maxon-Miller Jack Co., Huntington, Va.
MAXWELL concrete reinforcing bars—Lackawanna Steel Co., Buffalo, N. Y.
MAYWOOD bath water heaters—August T. Kronquist, Maywood, Ill.
MAZDA incandescent electric lamps—Edison Lamp Works of General Electric Co., Harrison, N. J.
MAZOLA vegetable oils—Corn Products Refining Co., 17 Battery pl, New York
MEA magnetos—Marburg Bros., 90 West, New York
MEADOW GRAY marble—Meadow Marble Co., Meadow, Tenn.
MEADOW KING hay carriers—J. E. Porter Co., Ottawa, Ill.
MEADOW MONARCH hoes—Pratt Fork & Hoe Corp., Frankfort, N. Y.
MEADOW PINK marble—Meadow Marble Co., Meadow, Tenn.
MEADOW QUEEN hay carriers—J. E. Porter Co., Ottawa, Ill.
MEADOWS pitless scales & clothes washing machines—Meadows Mfg. Co., Pontiac, Ill.
MEAKER complete galvanizing plants—Meaker Co., 1243 Fulton, Chicago, Ill.
METALBESTOS packing—A. W. Chesterton Co., 64 India, Boston, Mass.
MECCA grease cups—Wm. Powell Co., Cincinnati, Ohio
MECCA axle grease—Reliance Oil & Grease Co., Cleveland, Ohio
MECHANICS drilling machines—Rockford Drilling Machine Co., Rockford, Ill.
MECHANICS' gasoline engines—Mechanics' Fdy. & Machine Co., Fall River, Mass.
MECHANICS' SPECIAL bench, foot & tool grinders—Luther Grinder Mfg. Co., 285 S. Water, Milwaukee, Wis.
MECHANICS HALL automobile annunciators—Cowles, C., & Co., New Haven, Conn.
MECHANICS PRIDE hand soap—Git Mfg. Co., Westfield, Mass.
MEDINA automobile tire holders—Medina Stamping & Machine Co., Medina, N. Y.
MEDUSA cements & waterproofing materials—Sandusky Cement Co., Engineer's bldg, Cleveland, Ohio
MECO gas fired brick dryers—Manufacturers' Equipment Co., Dayton, Ohio

MEECO steel factory equipment—Manufacturing Equipment & Engng. Co., 136 Federal, Boston, Mass.
MEEK bread ovens, broilers, tea urns, peanut roasters—Meek Oven Mfg. Co., Newburyport, Mass.
MEEK fishing reels—B. F. Meeks & Son, Louisville, Ky.
MEEKER automatic elevator doors—Hanke Iron & Steel Works, 800 N. Albany av, Chicago, Ill.
MEEKER fire proof doors—S. H. Harris Co., 2424 W. 22d, Chicago, Ill.
MEEKER fireproof doors—R. J. Ross Mfg. Co., 4241 Ogden av, Chicago, Ill.
MEEKER'S harrows & pulverizers — C. O. Jelliff Mfg. Corporation, Southport, Conn.
MEFCOLITE electric fixtures—H. G. McFaddin & Co., 38 Warren, New York
MEGGER ohmeters—James G. Biddle, 1211 Arch, Phila., Pa.
MEGOHMITE tempered mica—Meirowsky Bros., Jersey City, N. J.
MEHCO winches & windlasses & marine hardware—Marine Hardware-Equipment Co., So. Portland, Maine
MEILINK filing safes—Meilink Mfg. Co., Toledo, Ohio
MEISSELBACH fishing reels—A. F. Meisselbach & Bros., 29 Congress, Newark, N. J.
MELIBITE glass shades—Gillender & Sons (Inc.), 135 Oxford, Phila., Pa.
MELLOR nail pullers—Mellor Box Opener Co., Sedalia, Mo.
MELROSE car couplers—National Malleable Castings Co., 7706 Platt av, S. E., Cleveland, Ohio
MELROSE fibre matting — New England Rug Co., Lawrence, Mass.
MELROSE lawn mowers—F. & N. Mower Co., Richmond, Ind.
MELVILLE'S anti-rust—F. L. Melville, Bayonne, N. J.
MEMIPHONE electric toys—Russell Electric Co., Danbury, Conn.
MEMPHI cold water paints—De Soto Paint Mfg. Co., Memphis, Tenn.
MENDOTA enameled iron bath tubs—McVay-Walker Co., Braddock, Pa.
MENHADEN fish oils—Crawford Oil & Chemical Co., Cleveland, Ohio
MENLO steam heaters—H. B. Smith Co., Westfield, Mass.
MENSCO sheet packing—G. W. Knowlton Rubber Co., 60 Pearl, Boston, Mass.
MENSHA shipping case seals—Mensha Wooden Ware Co., Mensha, Wis.
MEPHISTO auger bits—W. A. Ives Mfg. Co., Wallingford, Conn.
MERCEDES lubricating oils & greases—C. F. Sweet, Hartford, Conn.
MERCER belting—Mercer Rubber Co., Hamilton, N. J.
MERCER reclaimed rubber—American Rubber Reclaiming Co., Gtn., Phila., Pa.
MERCER steam heaters—H. B. Smith Co., Westfield, Mass.
MERCHAND cable clamps—Steel City Electric Co., 1207 Columbus av, Pittsburgh, Pa.
MERCHANT clothes lines—Estes Mills, Fall River, Mass.
MERCHANT'S old method roofing tin—Merchant & Evans, 2035 Washington av, Phila., Pa.
MERCK'S chemical re-agents—Merck & Co., 45 Park pl, New York
MERCURY belting—Republic Rubber Co., Youngstown, Ohio
MERCURY fuel level indicators—Rochester Mfg. Co., 891 Halstead, Rochester, N. Y.
MERCURY plumb bobs—Brown & Sharpe Mfg. Co., Providence, R. I.
MERCURY typewriter ribbons—Mercury Mfg. Co., Rochester, N. Y.
MERIAM gas engine indicators—Meriam Co., 1514 Prospect av, Cleveland, Ohio
MERIDEN shot guns—Meriden Fire Arms Co., Meriden, Conn.
MERIMAN inclinable presses—Meriden Press & Drop Co., Meriden, Conn.
MERINO flax packing—H. Johnson Co., ft. of Gates av, Jersey City, N. J.
MERIT asbestos brake linings—Thermoid Rubber Co., Trenton, N. J.
MERIT carbon paper, typewriter ribbons — E. A. Brecher Co., 119 Lafayette, New York
MERITAS oil cloth—Standard Oil Cloth Co., 320 Broadway, New York
MERIT-GALE veneer drying machines—Merritt Mfg. Co., Lockport, N. Y.
MERITORIOUS metal polish—Monroe Specialty Co., 379 Pearl, New York
MERMAID belting, belt cements — Hudson Belting Co., 3 Eaton pl., Worcester, Mass.
MERRELL pipe cutting & threading machines—Merrell Mfg. Co., 278 Curtis, Toledo, Ohio
MERRICK wrenches—Bemis & Call Hardware & Tool Co., Springfield, Mass.
MERRILL slime filters—Merrill Metallurgical Co., 121 2nd, San Francisco, Cal.
MERRIMAC belting, packing, rubber hose—Empire Tire & Rubber Corp., East Trenton, N. J.
MERRIMAC enamels—Jenkins Paint & Oil Co., Norfolk, Va.
MERRIMAC foot presses—Meriden Press & Drop Co., Meriden, Conn.
MERRIMAC hand carts—Frank J. Aubeuf, Oneida, N. Y
MERRIMAC reclaimed rubber—Nearpara Rubber Co., Trenton, N. J.
MERRIMAN asphalt mixers—East Iron & Machine Co., 351 E. Market, Lima, Ohio
MERRIMAN bolt cutting machines—H. B. Brown Co., East Hampton, Conn.
MERRIMAN drop hammers, presses, spinning lathes —Meriden Press & Drop Co., Meriden, Conn.
MERRIMAN stone gang sawing machines—Lincoln Iron Works, Rutland, Vt.
MERRITT automatic sewage siphons—Albert Priestmann, 328 Chestnut, Phila., Pa.
MERRITT flush tanks, sewage siphons, sewage disposal outfits — Merritt Hydraulic Co., 110 N. Broad, Philadelphia, Pa.
MERRITT steel lockers, steel shelving—Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
MERRITT wire hooks—F. M. Merritt, Penn Yann, N. Y
MERRIWETHER reinforced concrete pipe — Lock Joint Pipe Co., Box 21, Ampere, N. J.
MERROW sewing machine — Merrow Machine Co., Hartford, Conn.
MERSHON glass insulators—Brookfield Glass Co., 2 Rector, New York
MERSHON steam heaters—Mershon Patent Shaking Grate Works, Philadelphia, Pa.
MERTES gas engines—National Gear Wheel Foundry, North Side, Pittsburgh, Pa.
MESCO time switches, battery connectors, dry batteries, spark plugs—Manhattan Electrical Supply Co., 17 Park pl, New York
MESCOLITE electrical lanterns—Manhattan Electrical Supply Co., 170 Park pl, New York
MESSINGER gas engines—Messinger Mfg. Co., Tatamy, Pa.
METAFIFE paints—John Lucas & Co., 322 Race, Phila., Pa.
METAL coat roofing paints—Wm. T. Baker, 224 Suydam av, Jersey City, N. J.
METAL LUMBER iron furring—Berger Mfg. Co., Canton, Ohio
METALCASE magnesite brick—Phoenix Iron Co., 22 S. 15th, Phila., Pa.
METAL PRINCE packing manufacturers—Dominion Asbestos & Rubber Corp., 154 Nassau, New York
MET-ALL water closets—Columbus Brass Co., Columbus, Ohio
METALLO packing—A. W. Chesterton Co., 64 India, Boston, Mass.
METALLOID packing—General Asbestos Rubber Co. Charleston, S. C.
METALSHINE metal polish—Garratt-Callahan Co., 30 Fremont, San Francisco, Cal.
MET-AL-SHINE polish—Richmond Bros., 616 Main, Cincinnati, Ohio
METALSTEEL paints & metal surfaces—St. Louis Surfacer & Paint Co., Arlington & Terminal & Belt Line, St. Louis, Mo.
METEOR alcohol stoves—W. H. Sweeney Mfg. Co., 30 Main, Brooklyn, N. Y.
METEOR dynamite—du Pont de Nemours & Co., E. I., Wilmington, Del.
METHOT carbureters—Dow Mfg. Co., Braintree, Mass.
METILE enameled metal tile — Stengel Bros. Co., Thompson & Chrtrs, Pittsburgh, Pa.
METLA-COTA boiler compounds—State Mfg. Co., 3545 E. 76th, Cleveland, Ohio
METO BRIGHT metal polish—Adams & Elting Co., 726 W. Washington, Chicago, Ill.
METROPOLITAN boiler ejectors—Hayden & Derby Mfg. Co., 119 W. 40th, New York
METROPOLITAN cable joints, electric cable hangers, electric current taps, expansion plugs—Yonkers Specialty Co., Yonkers, N. Y.
METROPOLITAN flint paper—R. J. Waddell & Co., 52 Beekman, New York
METROPOLITAN paving brick—Metropolitan Paving Brick Co., Canton, Ohio

METROPOLITAN switches — Metropolitan Electric Mfg. Co., 14th, Long Island City, N. Y.
METROPOLITAN wire test connectors—Cameron Appliance Co., Everett, Mass.
METZ pump governors—Klipfel Mfg. Co., 2651 W. Harrison, Chicago, Ill.
MEXOLINE liquid polish—Matchless Metal Polish Co., 151 Varick, New York
MEYERS automatic boiler skimmers—Manchester Mfg. Co., North Manchester, Ind.
MEYERS putz cream metal polish—American Metal Polish Co., West Somerville, Mass.
MEZEN rubber hose—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio
MIA HEALA chair seats—Capital Seat & Novelty Co., 369 3d av, New York
MIAMA harrows & pulverizers—Ohio Rake Co., Dayton, Ohio
MIAMI bicycles—Miami Cycle & Mfg. Co., Middletown, Ohio
MIAMI enameled blotting paper—Wrenn Paper Co., Middletown, Ohio
MIAMI gas engines—Middletown Machine Co., Middletown, Ohio
MIAMI oil cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
MIAMI ventilators—Dixie Culvert & Metal Co., Atlanta, Ga.
MIAMI wall ties—American Rolling Mill Co., Middletown, Ohio
MIA PARA packing—Curry Bros. Oil Co., 253 Franklin, Boston, Mass.
MICA axle grease—Standard Oil Co. of New York, 555 W. 25th, New York
MICABOUND mica—Chicago Mica Co., Valparaiso, Ind.
MICADAMITE mica mfr.—Melrowsky Bros., Jersey City, N. J.
MICANITE mica & insulating paper—Mica Insulator Co., 68 Church, New York
MICHELIN rubber tires—Michelin Tire Co., Milltown, N. J.
MICHIGAN bean cultivators—Moline Plow Co., Moline, Ill.
MICHIGAN beet diggers—Bucher & Gibbs Plow Co., Canton, Ohio
MICHIGAN boiler injectors—Stephens Roe Mfg. Co., Detroit, Mich.
MICHIGAN cement—Michigan Portland Cement Co., Chelsea, Mich.
MICHIGAN desk & dock hoists—Michigan Dredge Co., Bay City, Mich.
MICHIGAN oil & grease cups, lubricators, gauges, valves—Michigan Lubricator Co., Detroit, Mich.
MICHIGAN squaring shears—Michigan Press Co., Ypsilanti, Mich.
MICHIGAN wire cloth—Michigan Wire Cloth Co., 500 Howard, Detroit, Mich.
MICHIGAN wood pipe—Michigan Pipe Co., Bay City, Mich.
MICO square flax packing—Advance Packing & Supply Co., 11-15 N. Franklin, Chicago, Ill.
MICRO piston rings—Micro Piston Ring Co., 116 Nassau, New York
MICRO-GROUND machine knives—Coes, Loring & Co. (Inc.), Worcester, Mass.
MICROPHO telephones & detechtagraphs—Microphо Detector Co., Inc., 26 Cortlandt, New York
MICROPHONE batteries—J. H. Bunnell & Co., 32 Park pl, New York
MIDCO cement coated wire nails—Howard W. Middleton Co., 945 Ridge av, Phila, Pa.
MIDDLE BUSTER breaking plows—Eagle Mfg. Co., Kansas City, Mo.
MIDDY engine lubricators—Wm. Powell Co., Cincinnati, Ohio
MIDGET can openers—Ira W. White & Son, Bloomfield, N. J.
MIDGET card tables—E. T. Burrowes Co., Portland, Maine
MIDGET flush plugs, fuse rosettes—Arrow Electric Co., Hartford, Conn.
MIDGET garden weeders—C. S. Norcross & Sons, Bushnell, Ill.
MIDGET tubular lanterns—Embury Mfg. Co., Warsaw, N. Y.
MIDGET lavatories & fittings—James Barrett Mfg. Co., 117 Pearl, Boston, Mass.
MIDGET oil pumps—A. C. Kraft, 323 W. Lake, Chicago, Ill.
MIDGET push buttons—Edwards & Co., 140th & Exterior av, New York.
MIDGET safety valves—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
MIDGET saw punches—Henry Disston & Sons, Tacony, Phila., Pa.
MIDGET shoe blacking & polishes—Whittemore Bros. Corp., Cambridge, Mass.
MIDGLEY'S hand cards—Howard Bros. Mfg. Co., Worcester, Mass.
MIDLAND ring oilers—Pittsburgh Iron & Steel Foundries Co., Midland, Pa.
MIDLAND shoveling & end gate boards—Peoria Drill & Seeder Co., Peoria, Ill.
MIDVALE steel—Midvale Steel & Ordnance Co., Widener bldg, Phila., Pa.
MIETZ & WEISS kerosene oil engines—August Mietz, 138 Mott, New York
MIKADO front brick—Warren B. Ferris Brick Co., Columbus, Ohio
MIKADO grease cups—Wm. Powell Co., Cincinnati, Ohio
MIKADO razors—F. A. Clauberg & Co., 27 Park pl New York
MIKADO roofing—Flintkote Co., 88 Pearl, Boston, Mass.
MIKKOLA concrete shovels—Conneaut Shovel Co., Conneaut, Ohio
MILBURN contractors' portable lights, circus lights, flare lights, oxy-acetylene welding apparatus—Alexander Milburn Co., 1420 W. Baltimore, Baltimore, Md.
MILCO batten strips—Milwaukee Corrugating Co., Milwaukee, Wis.
MILCOR metal building corners, ventilators; & batten strips—Milwaukee Corrugating Co., Milwaukee, Wis.
MILFORD hack saw machines, hack saw blades—H. G. Thompson & Son Co., New Haven, Conn.
MILFORD PINK granite, building work—Welb Pink Granite Co., Milford, Mass.
MILITARY RIFLES NOS. 10, 20 & 21 powder—du Pont de Nemours & Co., E. I., Wilmington, Del.
MILLA'S nail pullers, emergency tools—Try-Me Mfg. Co., Springfield, Mass.
MILBURN wagons—Milburn Wagon Co., Toledo, Ohio Ohio
MILLEN car signs—Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
MILLER farm wagons—Miller Wagon Co., Edina, Mo.
MILLER flush tanks—Pacific Flush Tank Co., 108 S. La Salle, Chicago, Ill.
MILLER guy anchors—Miller Anchor Co., Norwalk, Ohio
MILLER ice cream freezers, pasteurizing machines—Miller Pasteurizing Machine Co., Canton, Ohio
MILLER kerosene heaters—Edw. Miller & Co., Meriden, Conn.
MILLER key-seating machines—National Machine Tool Co., Cincinnati, Ohio
MILLER night latches—Miller Lock Co., 4523 Tacony, Phila., Pa.
MILLER rubber tires—Miller Rubber Co., Akron, Ohio
MILLER step ladder chairs—Austell Swing & Ladder Co., Austell, Ga.
MILLER switchstands—Cleveland Railway Supply Co., Cleveland, Ohio
MILLER tool holders—Allman Gas Engine & Machine Co., 461 Canal, New York
MILLER wagon jacks—Lansing Co., Lansing, Mich.
MILLER waterproofing mining cap protectors—Hercules Powder Co., Wilmington, Del.
MILLER EAGLE haying tools—Appleton Hay Tool Co., Appleton, Wis.
MILLERS anti-siphon traps—Miller Foundry & Specialty Co., North Tonawanda, N. Y.
MILLER'S COMMODORE lubricating oils & greases—W. P. Miller Co., 250 Greene, Brooklyn, N. Y.
MILLER'S rubber tires—Chas. E. Miller, Anderson, Ind.
MILLER'S tire vulcanizers—Anderson Rubber Works, Anderson, Ind.
MILLERS FALLS chain attachments, drills, nail pullers—Miller's Falls Co., 28 Warren, New York
MILLIONAIRE adding machines—W. A. Morschlauser, 1 Madison av, New York
MILLS battery connectors—Stackpole Carbon Co., St. Marys, Pa.
MILLS core compounds—H. E. Mills Mfg. Co., Syracuse, N. Y.
MILLS steam heaters—H. B. Smith Co., Westfield, Mass.
MILLS & SMITH water tube boilers—H. B. Smith Co., Westfield, Mass.
MILLSPAUGH suction rolls—Sandusky Foundry & Machine Co., Sandusky, Ohio
MILLVILLE silica sand—Pettinos Bros., 25 Church, New York
MILNE stump pullers—Milne Mfg. Co., Monmouth, Ill.

MILO canvas stitched belting, pulley covering & garden hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
MILONITE insulating washers—Morley Mfg. Co., 120 Boylston, Boston, Mass.
MILONITE PERFECTION button head nail tacks—Morley Button Mfg. Co., Portsmouth, N. H.
MILTON steam heaters—Freed Heater Co., Collegeville, Pa.
MILTON well drilling machinery—S. G. Milton & Son, Franklin, Pa.
MILWAU row-locks—Wilcox-Crittenden & Co., Middletown, Conn.
MILWAUKEE binder twine—International Harvester Co. (Inc.), of America, Harvester bldg, Chicago, Ill.
MILWAUKEE bottle corking machines—U. S. Bottlers' Machy. Co., 1033 W. Lake, Chicago, Ill.
MILWAUKEE bung branding machines, pitching machines—Pawling & Harnischfeger Co., Milwaukee, Wis.
MILWAUKEE carbureters—Milwaukee Auto Engine & Supply Co., 708 Winnebago, Milwaukee, Wis.
MILWAUKEE concrete mixers, now Lakewood-Milwaukee mixers—Lakewood Engng. Co., Cleveland, Ohio
MILWAUKEE carbureters—Milwaukee Auto Specialty Co., 711 Chestnut, Milwaukee, Wis.
MILWAUKEE concrete mixers—Milwaukee Concrete Mixer, 955 30th, Milwaukee, Wis.
MILWAUKEE corn binder & harvesters, grain binders, mowers, reapers, sickel grinders, sulky hay rakes—International Harvester Company of America (Inc.), Harvester bldg, Chicago, Ill.
MILWAUKEE cream separators—Milwaukee Separator Mfg. Co., 247 Madison, Milwaukee, Wis.
MILWAUKEE die moulded castings—Milwaukee Die Casting Co., Milwaukee, Wis.
MILWAUKEE electric lamp flashlight—Universal Novelty Works, 164 5th av, New York
MILWAUKEE feed water heaters—Nordberg Mfg Co., 476 Virginia, Milwaukee, Wis.
MILWAUKEE friction clutches—R. J. Schwab & Sons, Milwaukee, Wis.
MILWAUKEE hay carriers, grapple forks, cattle stanchions, wire stretchers—Milwaukee Hay, Tool Co., Milwaukee, Wis.
MILWAUKEE lubricating oil storage tanks, waste saturating systems—Milwaukee Tank Works, 851 Kinnickinnic av, Milwaukee, Wis.
MILWAUKEE metal shaping machines—Milwaukee Shaper & Transmission Appliance Co., Milwaukee, Wis.
MILWAUKEE milling machines—Kearney & Trecker Co., Milwaukee, Wis.
MILWAUKEE reaming machines—J. C. Busch Co., 140 Ferry, Milwaukee, Wis.
MILWAUKEE sand mixing machines, sprue cutters—Vulcan Engineering Sales Co., 1764 Elston av, Chicago, Ill.
MILWAUKEE steaming trays—Milwaukee Brewers' Specialty Co., 1919 St. Paul av, Milwaukee, Wis.
MILWAUKEE tool grinders—Lutter & Gies, 258 Lake, Milwaukee, Wis.
MILWAUKEE ventilators—Milwaukee Corrugating Co., Milwaukee, Wis.
MILWAUKEE DIAMOND expanded metal lath—Milwaukee Corrugating Co., Milwaukee, Wis.
MILWAUKEE SCOTCH pig iron—Illinois Steel Co., 208 S. La Salle, Chicago, Ill.
MINE-A-PHONE mine telephones—Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.
MINER draft gear—W. H. Miner, Rookery bldg, Chicago, Ill.
MINER street lamps—Thos. T. W. Miner, 828 Eagle av, New York
MINERAL-CLEANER metal cleaners—Electric Smelting & Aluminum Co., Lockport, N. Y.
MINERALBA cold water paints—Edson, Starks & Co., Saxton's River, Vt.
MINERALITE air drill hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
MINERALITE asphalt roofing—Warren Chemical & Mfg. Co., 17 Battery pl, New York
MINERALLAC insulating compounds—Minerallac Electric Co., 400 S. Hoyne av, Chicago, Ill.
MINER'S sunshine safety lamps, torch oils—Standard Oil Co. of N. Y., 555 W. 25th, New York
MINFORD carbon paper—Minford Ribbon & Carbon Co., 444 Pearl, New York
MING BLADES for electric fans—Eck Dynamo & Motor Co., Belleville, N. J.
MINE-ITE dynamite—Grasselli Powder Co., Guardian bldg, Cleveland, Ohio
MINNEAPOLIS feed cookers—R. R. Howell & Co., 31st av & S. E. 5th, Minneapolis, Minn.
MINNEAPOLIS heat regulators—Electric Heat Regulator Co., Minneapolis, Minn.
MINNEAPOLIS heat regulators—Minneapolis Heat Regulator Co., 2753 4th av, S. Minneapolis, Minn.
MINNEAPOLIS traction engines — Minneapolis Threshing Machine Co., 226 N. 2nd, Hopkins, Minn.
MINNEHAHA drinking fountains—Kohler Co., Sheboygan, Wis.
MINNESOTA farm wagons—Winona Wagon Co., Winona, Minn.
MINNESOTA stone polishing machinery—Granite City Iron Works Co., St. Cloud, Minn.
MINNICH waste baling presses—Minnich Machine Works, Landisville, Pa.
MINOLARD cutting oils—White & Bagley Co., Worcester, Mass.
MINOR disinfectants—W. E. Minor Disinfectant Co., Cleveland, Ohio
MINWAX paints, elastic cements, waterproofing materials—Minwax Co., 18 E. 41st, New York
MIONE hand soap—Mione Mfg. Co., Collingdale, Pa.
MIRAC paint & varnish remover—John Lucas & Co., 322 Race, Phila., Pa.
MIRC'S fuel oil burning furnaces—Mirc's Fuel-Oil Equipment Co., Lancaster, Pa.
MIRECO polishing cloths—Mill Remnants Co., 19 Bond, New York
MIRRLESS-WATSON water evaporators—Chas. Ordway, 25 Church, New York
MIRROR spinning twister rings—Draper Corp., Hopedale, Mass.
MISABA churn drill engines—Clyde Iron Works, Duluth, Minn.
MISCH valve grinders—Motch & Merryweather Machinery Co., 711 Lakeside av, N. W., Cleveland, Ohio
MISCO babbitt metal—Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.
MISHAWAKEE ladders—Four-in-one-Ladder Mfg. Co., Mishawaka, Ind.
MISSING LINK connecting links—Thos. Laughlin Co., Portland, Me.
MISSION clothes washing machines—Blackstone Mfg. Co., Jamestown, N. Y.
MISSION plaster & stucco—Acme Cement Plaster Co., Frisco bldg., St. Louis, Mo.
MISSISSIPPI gauge cocks—McRae & Roberts Co., 227 Campbell av, Detroit, Mich.
MISSISSIPPI gauge cocks—Wm. Powell Co., Cincinnati, Ohio
MISSISSIPPI hoes—American Fork & Hoe Co., Cleveland, Ohio
MISSISSIPPI VALLEY corn shellers—Whitman Agricultural Co., 7000 S. Broadway, St. Louis, Mo.
MISSOURI car doors & fittings—Western Railway Equipment Co., Central Nat'l Bk. bldg., St. Louis, Mo.
MISSOURI fire extinguishers—Missouri Lamp & Mfg. Co., 114 Elm, St. Louis, Mo.
MISSOURI grain drills—Genesee Valley Mfg. Co., Mount Morris, N. Y.
MISSOURI white lead—Wm. Waterall & Co., Camden, N. J.
MIST sprinkler hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
MISTIC paint & varnish remover—J. A. & W. Bird Co., 88 Pearl, Boston, Mass.
MITCHELL automobile engines—Lewis Mitchell Motor Co., Racine, Wis.
MITCHELL fire extinguishers—Badger Chemical Mfg. Co., 143 Reed, Milwaukee, Wis.
MITCHELL metallic packing—Paxton-Mitchell Co., Omaha, Nebr.
MITCHELL'S peerless pail clasps—Twisted Wire & Steel Co., 437 11th av, New York
MITE grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
MIUSA toilet paper—Union Paper & Twine Co., 125 St. Clair av, N. W., Cleveland, Ohio
MIX-AP paint mixers—Geo. Whigelt, Inc., 124 Maiden la, New York
MIXTER CHAMPION saw tools—J. N. Mixter Saw Tool Co., Plymouth, Mass.
MIXTER saw swages—J. W. Mixter Saw Tool Co., Plymouth, Mass.
MOBACH plain milling machine vises—Mobach Tool & Mfg. Co., 330 Atlantic av, Boston, Mass.
MOBILOIL lubricating oils & greases—Valvoline Oil Co., 1761 Elmore, Cumville, Cincinnati, Ohio
MOBILOIL lubricating oils—Vacuum Oil Co., Rochester, N. Y.
MOBILUBRICANT lubricating oils—Standard Oil Co. of Ohio, Cleveland, Ohio
MOBILUBRICANT lubricating oils—Vacuum Oil Co., Rochester, N. Y.

MOCCASIN self-oiling wheels—Chattanooga Car & Foundry Co., Chattanooga, Tenn.
MOCKINGBIRD steam whistles—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
MOCO pottery—Mohawk Clay Products Co., Perryville, Ohio
MOCOCO nitric acid, sulphate of copper—Mountain Copper Co. (Ltd.), 332 Pine, San Francisco, Cal.
MODEL belting, hose & packing—Empire Tire & Rubber Corp., East Trenton, N. J.
MODEL boiler injectors—Henry B. Pancoast Co., 243 S. 3rd, Phila., Pa.
MODEL coal chutes—Richards Iron Works, Manitowoc, Wis.
MODEL door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
MODEL farm trucks—Abingdon Wagon Co., Abingdon, Ill.
MODEL flange clamps—M. B. Skinner Co., 562 W. Washington, Chicago, Ill.
MODEL harness snaps—Covert Saddlery Works, Interlaken, N. Y.
MODEL harrows—Standard Harrow Co., Utica, N. Y.
MODEL lemon squeezers—A. C. Williams Co., Ravenna, Ohio
MODEL lubricators—American Lubricator Co., Detroit, Mich.
MODEL plows—Kingman Plow Co., Peoria, Ill.
MODEL STAR valves—Wm. Powell Co., Cincinnati, Ohio
MODEL steam heaters—Model Heating & Engineering Co., Phila., Pa.
MODEL steel stools—Toledo Metal Furniture Co., Toledo, Ohio
MODEL woven wire fences—American Wire Fence Co., 10 S. La Salle, Chicago, Ill.
MODEL A rotary surface grinders — Persons-Arter Machine Co., Worcester, Mass.
MODEL B. windmills—U. S. Wind Engine & Pump Co., Batavia, Ill.
MODELINE modeling clays—Novitas Sales Co., Waltham, Mass.
MODEL six auto-ladders—Bicycle Step Ladder Co., 6 W. Randolph, Chicago, Ill.
MODELIT toy metal building materials—Watrous Mfg. Co., East Hampton, Conn.
MODERN clutch pencils—Hoge Mfg. Co., 45 John, New York
MODERN collapsible tap, self-opening dies & tapping attachments—Modern Tool Co., 300 State, Erie,
MODERN cooking stoves—Odin Stove Mfg. Co., Erie, Pa.
MODERN duplicators—Durkin, Reeves & Co., 507 Schmidt bldg., Pittsburgh, Pa.
MODERN foundry molding machines—Arcade Mfg. Co., Freeport, Ill.
MODERN maple flooring—Herman H. Hettler Lumber Co., 2601 Elston av, Chicago, Ill.
MODERN range boilers—Hayes Mfg. Co., Paterson, N. J.
MODERN self-heating irons—Sun Mfg. Co., South Bend, Ind.
MODERN steam heaters — Pierce, Butler & Pierce Mfg. Corp., 437 E. 162d, New York
MODERN water filters—Jones Mfg. Co., 243 Franklin, Boston, Mass.
MODIFIED EUREKA laundry starch—Corn Products Refining Co., 17 Battery pl, New York
MODOC brass polish—Modoc Co., Fernwood, Phila., Pa.
MODOC journal lubricant & gear grease—Modoc Company, Fernwood, Pa.
MODOC trolley clamps—Ohio Brass Co., Mansfield, Ohio
MOGUL automobile horns—O'Brien Electrophone Co., Howell, Me.
MOGUL babbitt metal—Mogul Metal Co., Detroit, Mich.
MOGUL candelabra receptacles—Arrow Electric Co., Hartford, Conn.
MOGUL draft springs—Robert P. Wilson, 320 Market, Newark, N. J.
MOGUL gas engines—Woodmanse Mfg. Co., Freeport, Ill.
MOGUL gasoline blow torches—Turner Brass Works, Sycamore, Ill.
MOGUL grease cups—Wm. Powell Co., Cincinnati, Ohio
MOGUL kerosene tractors—International Harvester Company of America, Inc., Harvester bldg, Chicago, Ill.
MOGUL lawn swings—Forbes Mfg. Co., Hopkinsville, Ky.
MOHAWK belting—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
MOHAWK boiler compounds—Mohawk Refining Co., 1131 River av, N. W., Cleveland, Ohio
MOHAWK marine engines—S. & R. Mfg. Co., Schenectady, N. Y.
MOHAWK parting compounds — Keystone Foundry Supply Co., Buffalo, N. Y.
MOHAWK reclaimed rubber—U. S. Rubber Reclaiming Works, 42nd St. bldg., New York
MOHAWK shoe blacking & polishes—A. F. Cox & Son, Portland, Me.
MOHAWK tool steel—Ludlum Steel Co., Watervliet, N. Y.
MOHCO chemicals—Marden, Orth & Hastings Co., 61 B'way, New York
MOHICAN rubber packing—Manhattan Rubber Mfg. Co., Passaic, N. J.
MOHN drilling machine vises—W. D. Mohn & Co., Reading, Pa
MOIA lenses—Allendorf Co., Cleveland, Ohio
MOISE sewage siphons—Merritt Hydraulics Co., 110 N. Broad, Phila., Pa.
MOISSAN electric furnaces—Eimer & Amend, 205 3d av, New York
MOLE tire & axle shrinkers—Illinois Iron & Bolt Co., Carpentersville, Ill.
MOLINE ORCHARDS harrow sulky attachments—Moline Plow Co., Moline, Ill.
MOLINE agricultural implements—Moline Plow Co., Moline, Ill.
MOLINE KNOCKER potato-diggers—Moline Plow Co., Moline, Ill.
MOLINE pumping jacks—Ottumwa-Moline Engine & Pump Co., Ottumwa, Ia.
MOLINE row-locks—Wilcox-Crittenden & Co., Middletown, Conn.
MOLINE scales—Fairbanks, Morse & Co., 900 S. Wabash av, Chicago, Ill.
MOLINE TWO-WAY plows—Moline Plow Co., Moline Ill.
MOLINE UNIVERSAL gasoline ,traction engines—Moline Plow Co., Moline, Ill.
MOLINE upsetting & forging machines—Williams, White Mfg. Co., Moline, Ill.
MOLINE GIANT seeders & sowers—Moline Plow Co., Moline, Ill.
MOLINE-McCORMICK turbine water wheels — Barnard & Leas Mfg. Co., Moline, Ill.
MOLLY STARK mop wringers — Bennington Scale Co., Bennington, Vt.
MOLONEY transformers—Moloney Electric Co., 7th & Hickory, St. Louis, Mo.
MONACA drill rods—Pittsburgh Tool Steel Wire Co., Monaca, Pa.
MONAHAN sewer & trench & excavating machines—W. J. Heggie, Joliet, Ill.
MONAMOILE lubricating oils & greases — Monarch Mfg. Co., Council Bluffs, Ia.
MONARCH ammeters & voltmeters—Hercules Instrument Co., Mt. Vernon, N. Y.
MONARCH annealing, assayers; bullion, case hardening, melting, reducing, refining, reheating, tinning & welding furnaces, fuel oil burners & pressure blowers—Monarch Eng. & Mfg. Co., American bldg, Baltimore, Md.
MONARCH automobile horns—Monarch Tool & Machinery Co., 1901 S. Western av, Chicago, Ill.
MONARCH automobile tire holders—Cox Brass Mfg. Co., Albany, N. Y.
MONARCH axles—Am. Axe & Tool Co., Glassport, Pa.
MONARCH babbitt metal—Nassau Smelting & Refining Works, 603 W. 29th, New York
MONARCH bath & basin traps—Miller Foundry & Specialty Co., N. Tonawanda, N. Y.
MONARCH belting, belt lacing, belt dressing, belt cements, wood split pulleys—Bradford Belting Co., 2d & Walnut, Cincinnati, Ohio
MONARCH bottle filling machines—Liquid Carbonic Co., 3100 S. Kenzie av, Chicago, Ill.
MONARCH brake beams — Chicago Railway Equipment Co., 1928 W. 46th, Chicago. Ill.
MONARCH brass air cocks, rotary bilge pumps, circuit breakers, spark coils, stuffing boxes, air & check valves—Monarch Valve Co., 112 Front, Brooklyn, N. Y.
MONARCH car couplers—Monarch Steel Casting Co., Detroit, Mich.
MONARCH carriage curtain lights, carriage top props & roll-up straps—Monarch Carriage Goods Co., Cincinnati, Ohio
MONARCH carriage fasteners—Enterprise Brass & Plating Co., 6th & Baymiller, Cincinnati, Ohio
MONARCH cider presses—Whitman Agricultural Co., 7000 S. Broadway, St. Louis, Mo.
MONARCH cinder mills—O. J. Moussette, 481 Driggs av, Brooklyn, N. Y.
MONARCH clothes racks—Cassady Fairbank Mfg Co., 6126 S. La Salle, Chicago, Ill.

MONARCH coachmakers' & machinists' vises—Prentiss Vise Co., 110 Lafayette, New York
MONARCH concrete building block machinery—Cement Machy Co., Jackson, Mich.
MONARCH concrete inserts—Philadelphia Expansion Bolt Co., 124 North 6th, Philadelphia, Pa.
MONARCH corn & cob mills, corn shellers, portable grain elevators, feed grinding, attrition, French buhr, emery, rock & oil cake mills—Sprout, Waldron & Co., Muncy, Pa.
MONARCH cream separators—Lisle Mfg. Co., Clarinda, Ia.
MONARCH cultivators—Racine-Sattley Co., Springfield, Ill.
MONARCH cultivators, corn harvesters, harrows, hay tedders—Ohio Rake Co., Dayton, Ohio
MONARCH diaphragm screens—Baker Mfg. Corp., Saratoga Springs, N. Y.
MONARCH disc sharpeners—Murray Iron Works Co., Central av & Washington, Burlington, Ia.
MONARCH drainage traps—Power Plant Specialty Co., Monadnock blk., Chicago, Ill.
MONARCH engine stops—Consolidated Engine Stop Co., 133 W. 19th, New York
MONARCH ensilage cutters—Silver Mfg. Co., Salem, Ohio
MONARCH feed cutters—Lehr Agricultural Co., Fremont, Ohio
MONARCH fire place heaters—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
MONARCH flushing valves & brass & lead traps—Monarch Brass Co., Cleveland, Ohio
MONARCH gas engines—H. L. F. Trebert Engine Works, Rochester, N. Y.
MONARCH gasoline engines, kerosene oil engines—Grand Rapids Gas Engine & Yacht Co., Grand Rapids, Mich.
MONARCH gasoline stoves, gas & oil stoves & heaters—Excelsior Stove & Mfg. Co., Quincy, Ill.
MONARCH hatchets—Grey Iron Casting Co., Mt. Joy, Pa.
MONARCH hot air furnaces—Forest City Foundry & Mfg. Co., 2202 Elm av, Cleveland, Ohio
MONARCH hydrated lime—National Lime & Stone Co., Carey, Ohio
MONARCH ice cream freezers—J. W. Allen & Co., 116 N. Peoria, Chicago, Ill.
MONARCH ironing machines—Adams Laundry Machinery Co., Troy, N. Y.
MONARCH laundry marking machines—American Mfg. Co., Atlanta, Ga.
MONARCH lawn swings—Challenge Co., Batavia, Ill.
MONARCH lawn swings—Western Wheel Barrow & Mfg. Co., So. Fort Smith, Ark.
MONARCH metal polish—M. B. Suydam Co., 61st & Butler, Pittsburgh, Pa.
MONARCH mine car hitchings—Macomber & Whyte Rope Co., Kenosha, Wis.
MONARCH moving picture machines—National Moving Picture Co., 537 S. Dearborn, Chicago, Ill.
MONARCH oil & greases, gums & hydraulic presses—Monarch Mfg. Co., Council Bluffs, Ia.
MONARCH packing—A. W. Chesterton Co., 64 India, Boston, Mass.
MONARCH padlock locks—U. S. Lock & Hdwe. Co., Columbia, Pa.
MONARCH paints—Martin-Senour Co., 2514 Quarry, Chicago, Ill.
MONARCH pneumatic tools, chipping & calking hammers—Monarch Pneumatic Tool Co., E. St. Louis, Ill.
MONARCH ratchet drills—Keystone Mfg. Co., Buffalo, N. Y.
MONARCH refillable cartridge fuses—Ackley Brake & Supply Corp., 50 Church, New York
MONARCH root cutters—Donaldson Bros., Mount Clemens, Mich.
MONARCH safety fuse—du Pont de Nemours & Co., E. I., Wilmington, Del.
MONARCH sash operating devices—Payson Mfg. Co., 2918 W. Jackson blvd, Chicago, Ill.
MONARCH saw sets—Hy. Disston & Sons, Tacony, Phila., Pa.
MONARCH screw cutting lathes—Monarch Machine Co., Sidney, Ohio
MONARCH spark plugs—Benford Mfg. Co., Mount Vernon, N. Y.
MONARCH spice mills—Wrightsville Hardware Co., Wrightsville, Pa.
MONARCH steam heaters—Wm. H. Page Boiler Co., 141 W. 36th, New York
MONARCH steam road rollers—American Road Machinery Co., Kennett Square, Pa.
MONARCH step ladders—Pratt Mfg. Co., Coldwater, Mich.
MONARCH step ladders—Superior Ladder Co., Goshen, Ind.
MONARCH straw dispensers—Coe Mfg. Co., 35 Warren, New York
MONARCH stump pullers—Zimmerman Steel Co., Lone Tree, Ia.
MONARCH tack claws & pullers—Bradley & Farnham, Middlefield, Conn.
MONARCH tank heaters, windmills—Celina Mfg. Co., Celina, Ohio
MONARCH time recorders, time stamps & clocks—Yaxley Mfg. Co., 1101 W. Monroe, Chicago, Ill.
MONARCH tire benders—Kane & Roach, Syracuse, N. Y.
MONARCH wall plaster & finish—Wasem Plaster Co., Fort Dodge, Ia.
MONARCH water heaters—American Stove Co., St. Louis, Mo.
MONARCH weatherproof wire, flexible cords & copper insulated wire—Monarch Electric & Wire Co., 622 W. Adams, Chicago, Ill.
MONARCH window ventilators—Monarch Ventilator Co., 39 Church, New York
MONARCH woven wire fences—Keystone Steel & Wire Co., Peoria, Ill.
MONARCH-ACME core ovens—Monarch Engng. & Mfg. Co., American bldg., Baltimore, Md.
MONARCH-ARUNDEL core ovens—Monarch Engng. & Mfg. Co., American bldg, Baltimore, Md.
MONARCH BELL ladle heaters—Monarch Engng. & Mfg. Co., American bldg, Baltimore, Md.
MONARCH JUNIOR core ovens—Monarch Engng. & Mfg. Co., American bldg., Baltimore, Md.
MONARCH-ROCKWELL annealing, assayers; bullion, case hardening, melting, reducing, refining, reheating, tinning, & welding furnaces—Monarch Engng. & Mfg. Co., American bldg, Baltimore, Md.
MONARCH SUNSHINE steam heaters—Reading Scale & Machine Co., Reading, Pa.
MONASH steam separators, valves, radiator shields, steam traps—Monash-Younker Co., 1407 W. Jackson blvd., Chicago, Ill.
MONASTERY wood stains—Patterson-Sargent Co., Cleveland, Ohio
MONATIQUOT reclaimed rubber—Monatiquot Rubber Works Co., S. Braintree, Mass.
MONAX incandescent light globes—Macbeth-Evans Glass Co., Pittsburgh, Pa.
MONCE glass cutters—S. G. Monce, Unionville, Conn.
MONCRIEFF gauge glasses—H. A. Rogers Co., 87 Walker, New York
MONEL iron & steel roofing—American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.
MONEY-MAKER ensilage cutters, rice threshers—Swayne, Robinson & Co., Richmond, Ind.
MONEY SAVER baling presses—Woodall Mfg. Co., 500 Taylor, Davenport, Ia.
MONIGHAN drag line excavators, mortar mixers—Monighan Machine Co., 2032 Carroll av, Chicago, Ill.
MONITOR ash & garbage cans—Central Stamping Co., 174 Fulton, New York
MONITOR barn cupalos—B. F. Litchy & Son, Waterloo, Iowa
MONITOR belting, hose, packing—Empire Tire & Rubber Corp., East Trenton, N. J.
MONITOR boiler injectors—Nathan Mfg. Co., 416 E. 106th, New York
MONITOR book binders' machinery—Latham Machinery Co., 1153 Fulton, Chicago, Ill.
MONITOR car truck & body bolsters—Chicago Railway Equipment Co., 1928 W. 46th, Chicago, Ill.
MONITOR cider presses—Whitman Agricultural Co., 7000 S. Broadway, St. Louis, Mo.
MONITOR clothes washing machines—Champion Washing Machine Co., Cincinnati, Ohio
MONITOR coffee polishing machines—Huntley Mfg. Co., Silver Creek, N. Y.
MONITOR coffee or spice mills—Mirroscope Co., Cleveland, Ohio
MONITOR corn & cob mills, gasoline engines, windmills—Baker Mfg. Co., Evansville, Wis.
MONITOR electric bells—Manhattan Electrical Supply Co., 17 Park pl, New York
MONITOR feed grinding mills—C. S. Bell Co., Hillsboro, Ohio
MONITOR feed water heaters, oil extractors—Jarvis Engine & Machine Works, Lansing, Mich.
MONITOR gas mixers—Cullen & Atkinson Co., Hartford, Conn.
MONITOR gas ranges—Monitor Stove & Range Co., C. H. & D. R. R., nr. Gest, Cincinnati, Ohio
MONITOR glass cutters—Millers Falls Co., 28 Warren, New York
MONITOR grain drills, rice planting drills, seeders & sowers—Moline Plow Co., Moline, Ill.
MONITOR green pea cleaning & grading machines—Sprague Canning Machinery Co., 222 N. Wabash av, Chicago, Ill.

MONITOR hand carts—Frank J. Aubeuf, Oneida, N. Y.
MONITOR heaters & radiators — Monitor Bi-Loop Radiator Co., Lancaster, Pa.
MONITOR hose nozzles — Andrew J. Morse & Son (Inc.), 221 High, Boston, Mass.
MONITOR ice cream freezers—Thomas Mills & Bro., 3108 N. 4th, Phila., Pa.
MONITOR portable lamp guards—McGill Mfg. Co., Valparaiso, Ind.
MONITOR packing—Allen Packing Co. (Est. of), Collingswood, N. J.
MONITOR packing—Mulconroy Co., 54th & Jefferson. Philadelphia, Pa.
MONITOR paints—Barrett Co., 17 Battery pl, New York
MONITOR pasteurizing machines—Loew Mfg. Co., 9100 Madison av, N. W., Cleveland, Ohio
MONITOR power & irrigating pumps—Humphreys Mfg. Co., Mansfield, Ohio
MONITOR range boilers—Walls, Owen & Stambach Co., Phila., Pa.
MONITOR sash locks — Champion Hardware Co., Geneva, Ohio
MONITOR steam heaters—Monitor Bi-Loop Radiator Co., Lancaster, Pa.
MONITOR steam traps—Lawyer Regulator Co. 55 W. Houston, N. Y.
MONITOR turbine water wheels—Lane Mfg. Co., Montpelier, Vt.
MONITOR water gauges—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
MONITOR well augers—Gustave Pech Foundry & Machine Co., Le Mars, Ia.
MONITOR wood sawing machines—Greendale Gas Engine Co., Worcester, Mass.
MONKEY-SHINE metal polish — Hazen-Brown Co., 123 Beach, Boston, Mass.
MONK'S moulders' tools—Oscar Barnett Foundry Co., Irvington, N. J.
MONMOUTH cultivators—Monmouth Plow Factory, Monmouth, Ill.
MONNOT copper clad steel, silver plated steel, copper wire—Duplex Metal Co., Chester, Pa.
MONOBEL explosives—du Pont de Nemours & Co., E. I., Wilmington, Del.
MONOGRAM belt lacing—National Leather Mfg. Co., Niles, Mich.
MONOGRAM enameled ware—John Dunlap Co,. Gregg, Pittsburgh, Pa.
MONOGRAM gate valves—Star Brass Mfg. Co., 108 E. Dedham, Boston, Mas.
MONOGRAM hot water heaters—Hopson & Chapin Mfg. Co., New London, Conn.
MONOGRAM stoves & steel ranges—Jones & Hopkins Mfg. Co., Nashville, Tenn.
MONOGRAPH feed water purifiers—Berry Engineering Co., Chester, Pa.
MONOLITH sanitary flooring — American Monolith Co., 765 30th, Milwaukee, Wis.
MONONA printing machinery—Wisconsin Foundry & Machine Co., Madison, Wis.
MONONGAHELA VALLEY miners' lamps—Hero Mfg. Co., Gaul & Adams, Phila., Pa.
MONOPLANE steering sleds—Carriage & Toy Co., 741 W. Lombard, Baltimore, Md.
MONOPLEX automobile horns—Kent Atwater Mfg. Works, 4937 Stenton, Phila., Pa.
MONROE partitions—Monroe Screen-Blind Partition Co., Lima, Ohio
MONSCO silos—Monolithic Silo & Const. Co., 122 S. Michigan av, Chicago, Ill.
MONSON slate—Portland-Monson Slate Co., Portland, Me.
MONTANA belting—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
MONTAUK hose—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
MONTAUK paints—Montauk Paint Mfg. Co., 2nd av, Brooklyn, N. Y.
MONTE wrenches—Monte Wrench Co., Shelbyville, Ind.
MONTEAGLE piston packing—Lockwood Mfg. Co., Boston, Mass.
MONTGOMERY nail pullers — P. Lowentraut Mfg. Co., 36 Brenner, Newark, N. J.
MONTROSE gauge glasses—E. F. Keating Co., 446 Water, New York
MOON automatic grease cups—American Injector Co., Detroit, Mich.
MOON plow coulters—B. F. Avery & Sons, Louisville, Ky.
MOON telephone cable terminals—Moon Mfg. Co., 122 N. Jefferson, Chicago, Ill.
MOONLIGHT fishing bait—Moonlight Bait Co., Paw Paw, Mich.
MOONSHINE BRAND metal polish—Wm. T. Johnson Co., 3d & Vine, Cincinnati, Ohio
MOONSHINE metal polish—Wm. R. Winn, 488 Cherry, New York
MOORE belt sanding machines, wood carving machines—Curtis Mach. Corp., Jamestown, N. Y.
MOORE car door hangers—Stowell Mfg. & Fdry. Co., So. Milwaukee, Wis.
MOORE clothes washing machines, feed grinding mills—Moore Given Co., Spring Valley, Ill.
MOORE cultivators, feed cookers, potato diggers, farm boilers, gasoline engines—Moore Plow & Implement Co., Greenville, Mich.
MOORE electric clocks—Electric Time & Mfg. Co., West Lafayette, Ind.
MOORE metal polish—E. C. Moore & Sons Co., Detroit, Mich.
MOORE railway track drills — Kalamazoo Railway Supply Co., Kalamazoo, Mich.
MOORE slime filters, cyanide plants & filter presses—Moore Filter Co., 43 Exchange pl, New York
MOORE steam pumps — Union Steam Pump Co., Battle Creek, Mich.
MOORE & BRISTOL'S can filling machine—Sprague Canning Machinery Co., 222 N. Wabash av, Chicago, Ill.
MOORE'S BAGGAGE DOOR car door hangers—Chisholm-Moore Mfg. Co., 5046 Lakeside, Cleveland, Ohio
MOORE'S capstan screws—G. W. Moore, 44 Farnsworth, Boston, Mass.
MOORE'S chain hoists, elevator door hangers, locks—Chisholm-Moore Mfg. Co., 5406 Lakeside, Cleveland, Ohio
MOORE'S clothes pins—National Spring Clip Co. Montpelier, Vt.
MOORE'S cocks & bibbs—Peck Bros. & Co., New Haven, Conn.
MOORE'S fountain pens—Adams, Cushing & Foster, 168 Devonshire, Boston, Mass.
MOORE'S stoves & hot air furnaces—Moore Bros. Co., Joliet, Ill.
MOORE'S window fasteners—Stanley Works, New Britain, Conn.
MOOSE sporting & athletic goods—Brauer Bros. Mfg. Co., 204 N. 14th, St. Louis, Mo.
MORAN flexible joints—Pittsburgh Valve, Fdry. & Constrn Co., 26th & A. V. R. R., Pittsburgh, Pa.
MORAN pneumatic lifts — Ingersoll-Rand Co., 11 Broadway, New York
MORAN steam heaters—Moran Boiler Co., Hopkins. Minn.
MORAN'S belt couplings—Greene, Tweed & Co., 109 Duane, New York.
MORDEN PERFECT key rings—Morden Mfg. Corporation, Waterbury, Conn.
MOREHEAD'S gas burettes—E. N. Sargent & Co., 125 W. Lake, Chicago, Ill.
MOREHEAD steam traps—Morehead Mfg. Co., Detroit, Mich.
MORE-JONES armature & axle bearings—More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.
MORELAND ring packing—H. Johnson Co., ft. Gates av, Jersey City, N. J.
MORELIGHT electric desk lights—American Electric Co., 6401 S. State, Chicago, Ill.
MOREY welding compound—Morey Flux & Chemical Co., Parkersburg, Pa.
MORGAN cranes, hammers, shears, punches, bending & flanging machines—Morgan Engineering Co. Alliance, Ohio.
MORGAN door springs, producers, gas machines—Morgan Construction Co., Worcester, Mass.
MORGAN hose clamps, handy tool sets, automobile jacks—Morgan Mfg. Co., Newport, R. I.
MORGAN spading harrows—Wiard Plow Co, Batavia, N Y.
MORGANITE carbon brushes—Morgan Crucible Co., 519 W. 38th, New York
MORGANLITE metal polish—Morgan Mfg. Co., Newport, R. I.
MORIN'S saw gauges—S. J. Morin, Seattle, Wash.
MORISON corrugated furnaces — Continental Iron Works, West & Calyer, Brooklyn, N. Y.
MOROCCO packing—General Asbestos Rubber Co., Charleston, S. C.
MOROCCOLINE leather cloth—Zapon Leather Cloth Co., 200 5th av, New York
MORRAL labeling machines—Morral Bros., Morral, Ohio
MORRILL saw sets, box openers, nail & spike pullers, punches, bench stops, seal presses—Chas. Morrill, 100 Lafayette, New York
MORRILL PATTERN saw sets—L. A. Sayre & Co., 332 Mulberry, Newark, N. J.

MORRIS grain dryers—Morris Grain Dryers & Salvage Co., Milwaukee, Wis.
MORRIS kitchen saws—Cassady, Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
MORRIS-WESTON sugar centrifugals — Cresson-Morris Co., Allegheny av, W. of 17th, Philadelphia, Pa.
MORRISON crude oil engines—Elwood Iron Works Co., Elwood, Ind.
MORRISON massage vibrators—Manhattan Electrical Supply Co., 17 Park pl, New York
MORRISON riding & walking listers—Fort Madison Plow Co., Fort Madison, Ia.
MORRISON storage batteries—Helios Mfg. Co., Garden, nr Brill, Bridesburg, Philadelphia, Pa.
MORROCO black sheet packing—General Asbestos Rubber Co., Charleston, S. C.
MORROW coaster brakes—Eclipse Machine Co., Elmira, N. Y.
MORROW drill chucks—E. Horton & Son Co., Windsor Locks, Conn.
MORSE draughting tables—American Drafting Furniture Co., 199 Railroad, Rochester, N. Y.
MORSE dust collectors—Knickerbocker Co., Jackson, Mich.
MORSE incandescent lamp guards, lamp cord adjusters, trouble finding lamps, searchlights, wire connectors—Frank W. Morse, 289 Congress, Boston, Mass.
MORSE silent running transmission chain & high speed chain sprockets—Morse Chain Co., Ithaca, N. Y.
MORSE twist drills—H. A. Rogers Co., 87 Walker, New York
MORSE wall ties—J. B. Prescott & Son, Webster, Mass.
MORSE window ventilators—L. Morse & Sons, Athol, Mass.
MORSE wood bits—Union Twist Drill Co., Athol, Mass.
MORSE EUREKA testing clips, electric cable hangers, centre handle switches, telephone plug terminals—Frank W. Morse, 289 Congress, Boston, Mass.
MORSE WATCH telegraph instruments—Manufacturers & Inventors Electric Co., 29 Gold, New York
MORTON gasoline tractors engines—Morton Truck & Tractor Co., Harrisburg, Pa.
MORTON razor strops—National Cutlery Co., Phila., Pa.
MORTON traction engines—Morton Truck & Tractor Co., Harrisburg, Pa.
MORTY rat traps—Detroit Wire & Iron Works, Detroit, Mich.
MORUS water closets—Fort Pitt Supply Co., 332 2nd av, Pittsburgh, Pa.
MOSAIC enameled blotting paper—Wrenn Paper Co., Middletown, Ohio
MOSCO automobile wheel pullers—Motor Specialties Co., Waltham, Mass.
MOSER casing heads—Kane Supply Co., Kane, Pa.
MOSER mine drills—What Cheer Tool Co., What Cheer, Ia.
MOSER pneumatic lifts—Ingersoll-Rand Co., 11 Broadway, New York
MOSHEIK wash boilers—Philip Mosheik, 1108 S. Halsted, Chicago, Ill.
MOSHER bag holders—Webster Mfg. Co., Tiffin, Ohio
MOSHER electric car headlights—Dayton Mfg. Co., Dayton, Ohio
MOSHER jacks—F. M. Deweese & Co., Chillicothe, Ohio
MOSHER tool racks—F. M. Mosher, Canton, Ill.
MOSSBERG wrenches, reels, cotter pin extractors, letter openers—Frank Mossberg Co., Attleboro, Mass.
MOSSMANN harness specialties buckle shields—North & Judd Mfg. Co., New Britain, Conn.
MOSS UNIVERSAL lathe chucks—Commonwealth Supply Co., Richmond, Va.
MOTEX babbitt metal—I. M. Jacobson & Sons Co., 70 Catherine, Detroit, Mich.
MOTHALINE insecticides—H. C. Dusenberry (Inc.), 95 Gold, New York
MOTH-NO insecticide—Plunkett Chemical Co., 2540 Cottage Grove av, Chicago, Ill.
MOTOR padlocks—Slaymaker Lock Co., Lancaster, Pa.
MOTORBESTOS brake lining—Asbestos & Rubber Works of America, 58th & Broadway, New York
MOTORCYCLE MIKE toys—Am. Flyer Mfg. Co., 2219 S. Halsted, Chicago, Ill.
MOTORITE packing—Crandall Packing Co., Palmyra, N. Y.
MOTOR KIT gas pliers—Crescent Tool Co., 200 Harrison, Jamestown, N. Y.
MOTOROPE automobile towing ropes—Asch & Co., 16 W. 61st, New York
MOTSINGER plug switches—Motsinger Device Mfg. Co., Lafayette, Ind.
MOUAT vapor heating system—Mouat-Squires Co., 1246 W. 4th, Cleveland, Ohio
MOUND automobile tools—Mound Tool & Scraper Co., 1203 S. 7th, St. Louis, Mo.
MOUNTAINEER neck yokes, centers—A. N. Conn, Cedar Rapids, Ia.
MT. DIABOL cement—Cowell Portland Cement Co., San Francisco, Cal.
MT. HOOD fanning mills—Johnson & Field Mfg. Co., Racine, Wis.
MT. JOY steak pounders—Grey Iron Casting Co., Mt. Joy, Pa.
MT. TOUR lawn mowers—Worcester Lawn Mower Co., Worcester, Mass.
MT. VERNON belting—Mount Vernon Belting Co., 333 Warren av, Baltimore, Md.
MOUNTVILLE potato diggers—Mountville Mfg. Co., Mountville, Pa.
MOWELL relief valves—Augustus Mowell, Paterson, N. J.
MO-YO-CO. steam traps—Monash-Younker Co., 1407 W. Jackson blvd, Chicago, Ill.
MR. BILL riding listers—B. F. Avery & Sons, Louisville, Ky.
MR. PUNCH automatic drilling machines—Goodell-Pratt Co., Greenfield, Mass.
MRS. BEST'S sad irons—Wrightsville Hardware Co., Wrightsville, Pa.
MRS. POTT'S sad irons—Bless & Drake, 175 N. J. RR. av, Newark, N. J.
MRS. POTTS sad irons—Colebrookdale Iron Co., Pottstown, Pa.
MRS. POTTS sad irons—Electric Mfg. Co., 59 New Montgomery, San Francisco, Cal.
MRS. POTTS sad irons—Loetscher-Ryan Mfg. Co., Dubuque, Ia.
MRS. POTTS sad irons—N. R. Streeter & Co., Rochester, N. Y.
MUDD'S metallic window frame—American Sheet Metal Works, 3427 S. Carrollton, New Orleans, La.
MUDGETT tank heaters—Sargent, Osgood & Roundy Co., Randolph, Vt.
MUDGE-PEERLESS ventilator mfrs.—Mudge & Co., 80 E. Jackson blvd, Chicago, Ill.
MUELLER hot air furnaces, steam heaters—L. J. Mueller Furnace Co., Milwaukee, Wis.
MUELLER pipe tongs—H. Mueller Mfg. Co., Decatur, Ill.
MUELLER-SCHUTTE steam traps—Schutte & Koerting Co., 1251 N. 12th, Phila., Pa.
MUENZEL gas engines—Minneapolis Steel & Machinery Co., Minneapolis, Minn.
MUIR friction clutches & friction clutch pulleys—Skillin & Richards Mfg. Co., 4520 Cortland, Chicago, Ill.
MUISA toilet paper—Union Paper & Twine Co., 125 St. Clair av, N W, Cleveland, O.
MULCONROY hose couplings, flexible metallic tubing—Mulconroy Co., 54th & Jefferson, Phila., Pa.
MULE-HIDE-ROOFING—Lehon Co., W. 45th & S. Western av, Chicago, Ill.
MULE PULL friction clutches, friction clutch couplings—Brown Engineering Co., Reading, Pa.
MULESKIN leather cloth—Zapon Leather Cloth Co., 200 5th av, New York
MULFORD steam heaters—Galva Heater Co., Galva, Ill.
MULLEN air pumps—C. H. Wheeler Mfg. Co., Phila., Pa.
MULLEN paper testers—B. F. Perkins & Son, Holyoke, Mass.
MULLER barrel washing machines, hop separators—Ferdinand Aue Co., 401 E. 91st, New York
MULLER pan grinder rims—Railway Steel Spring Co., 30 Church, New York
MULLER printing & lithograph inks—J. A. Muller, 254 Pearl, New York
MULLHOLLAND hatch fasteners—Mullholland Hatch Fastener Co., Cleveland, Ohio
MULLIN cable reel jacks—Norris Electric Specialties Co., 38 Park Row, New York
MULT-AU-MATIC vertical boring & turning machines—Bullard Machine Tool Co., Bridgeport, Conn.
MULTE KOPY carbon paper—F. S. Webster Co., 340 Congregational, Boston, Mass.
MULTIBESTOS asbestos brake linings—Standard Woven Fabric Co., South Framingham, Mass.
MULTIBESTOS asbestos brake lining, splicing compounds, clutch facings & insulating tape—Standard Woven Fabric Co., Walpole, Mass.
MULTI-CATCH sockets & receptacles—General Electric Co., Schenectady, N. Y.
MULTIFEX atmospheric valves—C. H. Wheeler Mfg. Co., Lehigh av & 18th, Phila., Pa.

MULTI-GEAR bench grinders—Luther Grinder Mfg. Co., 2855 S. Water, Milwaukee, Wis.
MULTI-METAL bolting cloth—Multi-Metal Separating Screen Co., 251 W. 19th, New York
MULTI-PLATE hot air furnaces—J. Zellweger & Sons, St. Louis, Mo.
MULTICO insulating tape—Standard Woven Fabric Co., Walpole, Mass.
MULTIPLATE valves—O'Malley-Beare Valve Co., Railway Ex. bldg, Chicago, Ill.
MULTIPLE medicinal atomizers—Hospital Rubber Co., Attleboro, Mass.
MULTIPLE reversible ratchet wrenches—Lowell Wrench Co., Worcester, Mass.
MULTIPLE valves—O'Malley-Beare Valve Co., Railway Exchange, Chicago, Ill.
MULTIPLEX corrugated iron & steel—Berger Mfg. Co., Canton, Ohio
MULTIPLEX hardware display fixtures—Multiplex Display Fixture Co., St. Louis, Mo.
MULTIPLEX wrenches—Lowell Wrench Co., Worcester, Mass.
MULTIPLUS lubricators—Greene, Tweed & Co., 109 Duane, New York
MULTISPRA paint & white wash spraying machines—Deming Co., Salem, Ohio
MULTI-USE bed side tables—J. R. Baker & Sons Co., Kendallville, Ind.
MULTI-VAPO-GAP lightning arresters—Lord Mfg. Co., 105 W. 40th, New York
MULTIWHIRL oil coolers—Griscom-Russell Co., 92 West, New York
MULTOMETER speedometer—Hamilton Corp., Lancaster, Pa.
MULVEY joist hangers—Variety Mfg. Co., 2958 Carroll av, Chicago, Ill.
MUMFORD fire escapes—S. F. Hayward & Co., 250 W. 54th, New York
MUNCIE brake drums—Muncie Gear Works, Muncie, Ind.
MUNCIE oil engines—Muncie Oil Engine Co., Muncie, Ind.
MUNCIE TYPE glass insulators—Hemingway Glass Co., Covington, Ky.
MUNGER cotton ginning machinery—Continental Gin Co., Birmingham, Ala.
MUNGER piston rings—Splitdorf Electrical Co., 98 Warren, Newark, N. J.
MUNIT switch boxes—Cutter Electrical & Mfg. Co., 19th & Hamilton, Philadelphia, Pa.
MUNN feed water heaters—Phoenix Iron Works Co., Meadville, Pa.
MUNNSVILLE fruit evaporators—Munnsville Plow Co., Munnsville, N. Y.
MUNTON car couplers—National Malleable Castings Co., 7706 Platt av, S. E., Cleveland, Ohio
MURALITE hot water calcimine or wall finish—M. Ewing Fox Co., 241 E. 136th, New York
MURALTINT cold water paints—Columbia Refining Co., 90 West, New York
MURCHEY collapsible taps, opening dies, pipe cutters, nipple threading machines—Murchey Machine & Tool Co., 85 Porter, Detroit, Mich.
MURDOCK bobbin holders—Murdock & Geb Co., Franklin, Mass.
MURDOCK hydrants—Illinois Malleable Iron Co., 1801 Diversey blvd., Chicago, Ill.
MURESCO wall finish—Benjamin Moore & Co., 231 Front, Brooklyn, N. Y.
MURO burlap—Cotta-a-Lap Co., Somerville, N. J.
MURPHY carriage fasteners—G. W. J. Murphy Co., Amesbury, Mass.
MURPHY dry kilns—Ridgway Mfg. Co., Ridgway, Pa.
MURPHY pneumatic rock drills—C. T. Carnahan Mfg. Co., Denver, Colo.
MURPHY pneumatic rock drills—Wickes Machinery Co., Jersey City, N. J.
MURPHY range boiler stands—Central Foundry Co., 90 West, New York
MURPHY smokeless furnaces—Murphy Iron Works, ft. of Walker, Detroit, Mich.
MURPHY flushing valves—Murphy Specialty Co., 90 2d, Milwaukee, Wis.
MURRAY carriage top raisers—P. A. Murray & Co., Newton, Mass.
MURRAY electric lamp hoods—National Metal Stamping & Mfg. Co., 494 Mulberry, Newark, N. J.
MURRAY feed water regulators—Murray Specialty Mfg. Co., Detroit, Mich.
MURRAY tie spacing jacks—Belle City Malleable Iron Co., Racine, Wis.
MURRAY KEYOKE coupler yokes—Keyoke Railway Equipment Co., Monadnock bldg., Chicago, Ill.

MUSHET high speed steel—B. M. Jones & Co., 141 Milk, Boston, Mass.
MUSIC MASTER phonograph horns—Sheip & Vandegrift, 820 N. Lawrence, Phila., Pa.
MUSKEGON motor trucks—Muskegon Engine Co., Muskegon, Mich.
MUSKINGUM steel sheets—American Rolling Mill Co., Middletown, Ohio
MUSSELMAN coaster brakes—Miami Cycle & Mfg. Co., Middletown, Ohio
MUTUAL lubricators—Detroit Shipbuilding Co., Detroit, Mich.
MYAMA shade cloth—Chas. W. Breneman & Co., 2045 Reading rd, Cincinnati, Ohio
MY CHOICE stove lid lifters—Grey Iron Casting Co., Mt. Joy, Pa.
MYERS blow-off valves—Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
MYERS blow-off valves—Kennedy-Stroh Corp'n, Pittsburgh, Pa.
MYERS boiler cleaners—Manchester Mfg. Co., North Manchester, Ind.
MYERS common fireplace dampers—Colonial Fireplace Co., 4631 W. 12th, Chicago, Ill.
MYERS hay tools, barn door, hinge & rail hangers, pumps, ladders, paint & whitewash spraying machines—F. E. Myers & Bro., Ashland, Ohio.
MYERS wall ties—Mercer Mfg. Co., Mercer, Pa.
MYERS ELCETRIC water supply systems—F. E. Myers & Bro., 800 Orange, Ashland, Ohio
MYSTERIOUS dustless dust cloths—Gem Supply Co., Waterbury, Conn.
MYSTIC glue—International Glue Co., 24 T. Wharf, Boston, Mass.
MYSTIC water filters—Jones Mfg. Co., 243 Franklin, Boston, Mass.
MYSTIC ACME cutting & drilling compounds—Cataract Refining & Mfg. Co., Buffalo, N. Y.

N. boiler ejectors—Hayden & Derby Mfg. Co., 119 W. 40th, New York
N-B flushing valves—Dececo Co., 157 High, Boston, Mass.
N. B. C. caston worm gear oil—N. B. Cook Oil Co., 148 Front, New York
N. B. C. copper ingots—Balbach Smelting & Refining Co., 580 Market, Newark, N. J.
N. B. O. rubber hose & packing—Home Rubber Co., Trenton, N J.
N. D. CO. electric soldering irons—Apex Electric Mfg. Co., 1410 W. 59th, Chicago, Ill.
N. F. O. lubricating oil gun—N. Y. & N. J. Lubricant Co., 165 Broadway, New York
N. H. flushing valves—Exeter Brass Works, Exeter, N. H.
N. I. R. rubber packing—National India Rubber Co., Bristol, R. I
N. R. C. protective paint—National Roofing Co., Tonawanda, N. Y.
N. & CO. ARCTIC stove lid lifters—Nicol & Co., 218 N. Jefferson, Chicago, Ill.
N. & CO. box chisels, nut crackers & picks—Nicol & Co., 218 N. Jefferson, Chicago, Ill.
N & M portable grain elevators—Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
N.-W. enclosed fuses—Columbia Machine Works & Malleable Iron Co., 269 Chestnut, Brooklyn, N. Y.
N. W. lawn trimmers—Northwestern Stamping Co., Burlington, Ia.
NACEFAS oily waste cans—A. C. Kraft, 323 W. Lake, Chicago, Ill.
NALVOLITE valve stem packing—Quaker City Rubber Co., 629 Market, Philadelphia, Pa.
NAMCO dies & collapsible taps—National-Acme Mfg. Co., 7500 Stanton av, S. E., Cleveland, Ohio
NAMELESS flour sieves — Parker Wire Goods Co., Worcester, Mass.
NAMOND air valves—Bogardus-Nelson Co., Marshalltown, Ia.
NANTUCKET hammock—Brooks Tent & Awning Co., Denver, Colo.
NANZ IMPERIAL watchman's clocks—Nanz Clock Co., 178 Fulton, New York
NAPIER hack saw machines—Quality Saw & Tool Works, Springfield, Mass.
NAPIER pig iron—Napier Iron Works, Nashville, Tenn.
NAPLES VELVET FINISH wall finish—Adams & Elting, 726 W. Washington, Chicago, Ill.
NAPOLEON padlocks—Slaymaker Lock Co., Lancaster, Pa.
NAPOLEON tank heaters—Heller-Aller Co., Napoleon, Ohio
NAPPANEE kitchen cabinets—Coppes Bros. & Zook, Nappanee, Ind.

NAPTHOLINE nest eggs—White Tar Co., 4 Cliff, New York
NAPTHOL-PHENOLINE disinfectants—Corbin Disinfecting Co., Front & Walnut, Phila., Pa.
NARASCO bicycle oil & metal polish—National Rubber & Specialties, Cincinnati, Ohio
NARCO bath tubs—McVay-Walker Co., Braddock, Pa.
NARRAGANSETT rubber hose & packing—National India Rubber Co., Bristol, R. I.
NASH gas engines—National Meter Co., 299 B'way, New York
NASH hot pan lifters—Cassaday Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
NASH sand papering machines, saw & chuck machines—J. M. Nash, 842 30th, Milwaukee, Wis.
NASH vacuum pumps—Nash Engineering Co., South Norwalk, Conn.
NASH GEM water meters—National Meter Co., 299 B'way, New York
NASH'S saw sets—Landers, Frary & Clark, New Britain, Conn.
NASHUA ice cream freezers—White Mountain Freezer Co., Nashua, N. H.
NASON steam specialties—Nason Mfg. Co., 71 Fulton, New York
NASON CLASS B steam traps—Nason Mfg. Co., 71 Fulton, New York
NASON CLASS C steam traps—Nason Mfg. Co., 71 Fulton, New York
NASON SIDELUG steam traps—Nason Mfg. Co., 71 Fulton, New York
NASON-VESUVIUS steam traps—Nason Mfg. Co., 71 Fulton, New York
NASSAU hose—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
NASSAU spelter—New Jersey Zinc Co., 55 Wall, New Yorok
NATCO drilling machines—National Automatic Tool Co., Richmond, Ind.
NATCO EVERLASTING silos—National Fireproofiing Co., Fulton bldg, Pittsburgh, Pa.
NATCO IMPERISHABLE silos—National Fireproofing Co., Fulton bldg, Pittsburgh, Pa.
NATHAN automobile trunks—Nathan Novelty Mfg. Co., 88 Reade, New York
NATHAN injectors, lubricators—Nathan Mfg. Co., 416 E. 106th, New York
NATIONAL air compressors, vacuum pumps — National Steam Pump Co., Upper Sandusky, Ohio
NATIONAL air valves—National Steam Specialty Co., 16 S. Clinton, Chicago, Ill.
NATIONAL aqua & angydrous ammonia — National Ammonia Co., 3600 N. Broadway. St. Louis. Mo.
NATIONAL ash sifters—National Can Co., 36 Washington, Boston, Mass.
NATIONAL asphalt heaters, barrows, lead melting furnaces, trucks, coal & dumping cars—Phillips, Doup & Co., 60 Pearl, Brooklyn, N. Y.
NATIONAL asphalted pipe, bedstead & bicycle tubing, boiler tubes, columns, cocks, casing, & iron staybolts, flange union pipe for bends; coils & posts, hydraulic pipe, pipe & tube mills, tuyere pipe, square & steel tubing, tubular steel poles, rolling mills—National Tube Co., Frick bldg, Pittsburgh, Pa.
NATIONAL bankers' safety paper—Geo. La Monte & Son, 61 Broadway, New York
NATIONAL barn door hangers—National Mfg. Co., Sterling, Ill.
NATIONAL belting, belt dressing, clutch linings—National Leather Mfg. Co., Niles, Mich.
NATIONAL boiler injectors—Champion Hardware Co., Geneva, Ohio
NATIONAL bottle washing & soaking machines, pasteurizing machines—Barry-Wehmiller Machinery Co., 6501 Florissant av, St. Louis, Mo.
NATIONAL brake beams—Chicago Railway Equipment Co., 1928 W. 46th, Chicago, Ill.
NATIONAL button hole cutters—National Cutlery Co., Westmoreland & Boudinot, Phila., Pa.
NATIONAL car brakes, emergency & motorman's valves & pneumatic governors—National Brake & Electric Co., ft. Belleview pl, Milwaukee, Wis.
NATIONAL car couplers, car buffers—National Car Coupler Co., 332 S. Michigan, Chicago, Ill.
NATIONAL carriage fasteners—National Lock Washer Co., 65 Johnson, Newark, N. J.
NATIONAL cast iron pipe, cast iron culverts—American Casting Co., Birmingham, Ala.
NATIONAL cattle guards—National Surface Guard Co., 343 S. Dearborn, Chicago, Ill.
NATIONAL cement sewer pipe machinery — Quinn Wire & Iron Works, Boone, Ia.
NATIONAL clover bunchers—National Harrow Co., LeRoy, Ill.
NATIONAL cold rolled steel, soft steel—Parkersburg Iron & Steel Co., Parkersburg, W. Va.
NATIONAL concrete inserts—Steel Co., Youngtown, Ohio
NATIONAL counting machines—National Scale Co., 11 Hendricks, Chicopee Falls, Mass.
NATIONAL cream separators—National Dairy Machine Co., Goshen, Ind.
NATIONAL cream separators—National Enameling & Stamping Co., 411 5th av, New York
NATIONAL door hangers—National Supply & Mfg. Co., 2362 Palm, St. Louis, Mo.
NATIONAL drill chucks—Oneida National Chuck Co., Oneida, N. Y.
NATIONAL drills, reamers, milling cutters, counterbors—National Twist Drill & Tool Co., Detroit, Mich.
NATIONAL equalizing wedges—McCord & Co., 122 S. Michigan av, Chicago, Ill.
NATIONAL feed cookers—Heller-Aller Co., Napoleon, Ohio
NATIONAL feed water heaters, steam separators—National Pipe Bending Co., New Haven, Conn.
NATIONAL flint paper, steel wool & shavings—R. J. Waddell & Co., 52 Beekman, New York
NATIONAL foot grinders—A. A. Wood & Sons Co., Atianta, Ga.
NATIONAL garden cultivators, land & field rollers—Thornbaugh Mfg. Co., Bowling Green, Ohio
NATIONAL garden cultivators—Whitaker Mfg. Co., 509 W. Monroe, Chicago, Ill.
NATIONAL gas stoves, heaters, radiators, wood ranges—American Stove Co., St Louis, Mo.
NATIONAL gauges & indicators—National Gauge & Equipment Co., La Crosse, Wis.
NATIONAL gauges, test pumps, vacuum valves—National Steam Specialty Co., 14 S. Clinton, Chicago, Ill.
NATIONAL guard rail clamps—Q. & C. Co., 90 West, New York
NATIONAL heaters—National Heater Co., Cleveland, Ohio
NATIONAL hot air furnaces—Bartlett Hayward Co., Baltimore, Md.
NATIONAL hot air registers—U. S. Register Co., Ltd., Battle Creek, Mich.
NATIONAL hot water regulators—National Regulator Co., 208 S. Jefferson, Chicago, Ill.
NATIONAL key-seating machines, milling machines—National Machine Tool Co., Cincinnati, Ohio
NATIONAL (Portable) lamp guards—McGill Mfg. Co., Valparaiso, Ind.
NATIONAL lawn clothes dryers, lemon squeezers—Tri-Angle Mfg. Co., Freeport, Ill.
NATIONAL lawn sprinklers—American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
NATIONAL lock lever faucets—National Brass Mfg. Co., Rochester, N. Y.
NATIONAL lock washers—Riverside Steel Spring Co., Riverside, N. J.
NATIONAL manila wrapping paper—Newton Paper Co., Holyoke, Mass.
NATIONAL maple flooring—A. L. Dennis Salt & Lumber Co., Grand Rapids, Mich.
NATIONAL marine clocks—National Gauge Co., 300 Pacific, Brooklyn, N. Y.
NATIONAL metal polish—Grady Mfg. Co., Bridge Plaza, Astoria, N. Y.
NATIONAL neck yokes—National Neck Yoke Co., Rock Island, Ill.
NATIONAL neck yokes, wagon spokes, wood singletrees—Lack Singletree Co., Paducah, Ky.
NATIONAL oil extractors—National Separator & Machine Co., Concord, N. H.
NATIONAL oil soap, soap powders—Devillers Soap Co., 95 Cliff, New York
NATIONAL paints—National Paint & Varnish Co., 8709 Kinsman rd, Cleveland, Ohio
NATIONAL paper cutting machines—Highland Mach. Co., 58 Kemble, Boston, Mass.
NATIONAL pipe hangers—Thos. Devlin Mfg. Co., 3rd & Lehigh av, Phila., Pa.
NATIONAL pipe joint cements—Prier Brass Mfg. Co., Kansas City, Mo.
NATIONAL pneumatic water supply systems—National Steel Tank & Mfg. Co., Bradford, Ill.
NATIONAL porcelain inssulators—National Insulator Co., Ford City, Pa.
NATIONAL portable grain elevators—Portable Elevator Mfg. Co., Bloomington, Ill.
NATIONAL postage stamp affixing machines—National Envelope Sealing & Stamping Co., Providence, R. I.
NATIONAL printing presses—National Machine Co., Hartford Conn.
NATIONAL razor strops—National Cutlery Co., Phila., Pa.

NATIONAL riveting machines—Cincinnati Pulley Machy. Co., Covington, Ky.
NATIONAL road machine & graders, dumping wagons —Good Roads Machinery Co., Fort Wayne, Ind.
NATIONAL roofing—National Roofing Material Co., Edwardsville, Ill.
NATIONAL rubber hose & packing—National India Rubber Co., Bristol, R. I.
NATIONAL rubber tires—National Rubber Co., Pottstown, Pa.
NATIONAL sewage disposal outfits—Henry A. Noble Co., 203 Dock, Phila., Pa.
NATIONAL shaking grates—Wm. H. Baker, Trenton, N. J.
NATIONAL shaking & dumping grates, ring oiling hangers—National Foundry Mfg. & Supply Co., Williamsport, Pa.
NATIONAL shears—National Cutlery Co., Westmoreland & Boudinot, Phila., Pa.
NATIONAL smoke helmets—S. F. Hayward & Co., 250 W. 54th, New York
NATIONAL stamp steel fixture studs, outlet boxes & covers, locknuts & bushings, & solid switch boxes—National Metal Molding Co., 1110 Fulton bldg, Pittsburgh, Pa.
NATIONAL steam traps—National Blower Works, Milwaukee, Wis.
NATIONAL steel wire mats—Barbe Wire & Iron Works, 170 N. Dearborn, Chicago, Ill.
NATIONAL stencil cutting machines—New York Stencil Works, 100 Nassau, New York
NATIONAL step ladders—S. A. Smith Mfg. Co., Brattleboro, Vt.
NATIONAL stock fountains—National Tubular Axle Co., Emigsville, Pa.
NATIONAL stoves & ranges—Excelsior Stove & Mfg. Co., Quincy, Ill.
NATIONAL sugar cane shredders—Newell Mfg. Co., 149 Broadway, New York
NATIONAL thermometers, tachometers, pyrometers, gauges, safety valves—National Gauge Co., 300 Pacific, Brooklyn, N. Y.
NATIONAL unions—Thos. Devlin Mfg. Co., Phila., Pa.
NATIONAL ventilators—National Skylight & Ventilator Co., Rochester, N. Y.
NATIONAL water filters—Federal Filter Co., 1304 Grand av, Chicago, Ill.
NATIONAL water lifts—National Water Lift Co., Kalamazoo, Mich.
NATIONAL weather strips—National Metal Weather Strip Co., Pittsburgh, Pa.
NATIONAL weather vanes—National-Standard Co., Box 211, Niles, Mich.
NATIONAL wind shields—National Auto Top Co., 2 Stone, New York
NATIONAL wire link fabric—Mattatuck Mfg. Co., Waterbury, Conn.
NATIONAL wire stitching machines—Gitzendanner-Muller Co., 15 Vandewater, New York
NATIONAL wrenches—Frank Mossberg Co., Attleboro, Mass.
NATIONAL CHAMPION curtain stretchers—Holmquist & Swanson, 2536 S. Western av, Chicago, Ill.
NATIONAL CHAPMAN elevating trucks—National Scale Co., 11 Hendricks, Chicopee Falls, Mass.
NATIONAL CLEVELAND milling cutters—National Tool Co., Cleveland, Ohio
NATIONAL PATTERN lock washers—Quadriga Mfg. & Specialty Co., 213 W. Grand av, Chicago, Ill.
NATIONAL STAR hot air furnaces—National Hot Air Furnace Co., Dayton, Ohio
NATITE emery & corundum mfrs.—National Abrasive Co., 5 Dorchester av, Extension, Boston, Mass.
NATIVE packing & rubber hose—Bowers Rubber Works, San Francisco, Cal.
NATRONA bi-carbonate of soda—Pennsylvania Salt Mfg. Co., 115 Chestnut, Philadelphia, Pa.
NATURAL SPRING sanitary drinking fountains—March-Tenny Co., Muskegon Hghts., Mich.
NATURO water closets—Walls, Owen & Stambach Co., 1041 Ridge av, Phila., Pa.
NATWELD WELDING OUTFIT gauges—National Gauge & Equipment Co., La Crosse, Wis.
NATWIRE rat traps—National Mfg. Co., Worcester, Mass.
NATWIRE wire specialties—National Mfg. Co., Worcester, Mass.
NAUMKEG marine engines—Zina Goodell, Salem, Mass.
NAVAJO horse blankets—J. L. Hubbell, Ganado, Ariz.
NAVALITE enameled iron pipe conduits—Mark Mfg. Co., Evanston, Ill.
NAVALITE marine varnish—Chicago Varnish Co., 2100 Elston av, Chicago, Ill.
NAVY belting—Baltimore Belting Co., 115 W. Lombard, Baltimore, Md.
NAVY boat anchors—Wilcox, Crittenden & Co., Middletown, Conn.
NAVY glue—Standard Glue Co., 350 N. Holliday, Baltimore, Md.
NAVY oil cups—American Lubricator Co., Detroit, Mich.
NAVY packing—General Asbestos Rubber Co., Charleston, S. C.
NAVY rachet drills—Kilborn & Bishop Co., New Haven, Conn.
NAYLOR vortex steam separators—Hewes & Phillips Iron Works, 8 Orange, Newark, N. J.
NAZARETH cement—Nazareth Cement Co., Nazareth, Pa.
NAZEL pneumatic hammers—Nazel Engineering & Machine Works, 4049 N. 5th, Phila., Pa.
NEBO caboose stoves—Gray & Dudley Hardware Co., Nashville, Tenn.
NEBRASKA iron & steel roofing—St. Paul Roofing Cornice & Ornament Co., St. Paul, Minn.
NECO ground connection clamps—Novelty Electric Co., 50 N. 4th, Phila., Pa.
NEEVEL adjustable screw clamps—Neevel Mfg. Co., Kansas City, Mo.
NEGLEY drag line excavators—Indianapolis Cable Excavator Co., Indianapolis, Ind.
NEGRITE roofing paints—Armstrong Paint & Varnish Works, 2502 S. Paulina, Chicago, Ill.
NEIDER tufting buttons—F. A. Neider Co., Augusta, Ky.
NELGARD air valves—Bogardus-Nelson Co., Marshalltown, Ia.
NELLIS grapple forks—Milwaukee Hay Tool Co., Milwaukee, Wis.
NELLIS grapple forks—J. E. Porter Co., Ottawa, Ill.
NELLIS grapple forks—G. A. Swineford Co., Canton, Ohio
NELLIS grapple forks—Whitaker Mfg. Co., 509 W. Monroe, Chicago, Ill.
NELLIS harpoon forks—F. E. Myers & Bro., Ashland, Ohio
NELSON blowers—Nelson Blower & Furnace Co., L & Elkins, Boston, Mass.
NELSON feed water filters, oil extractors—John Acton, 118 John, Brooklyn, N. Y.
NELSON loose pulleys—Wilmarth & Morman Co., 1151 Monroe av, N. W., Grand Rapids, Mich.
NELSON metal polish—Jewel Mfg. Co., 2100 Marshall blvd, Chicago, Ill.
NELSON sanitary drinking fountains—N. O. Nelson Mfg. Co., 10th & Chestnut, St. Louis, Mo.
NELSON tractors—Nelson Farm Machine Co., 426 Wash. av N., Minneapolis, Minn.
NEMO car couplers—McConway & Torley Co., 48th & A. V. R. R., Pittsburgh, Pa.
NE PLUS ULTRA veneered doors—American Compound Door Co., Chicago, Ill.
NE PLUS ULTRA padlocks—Slaymaker Lock Co., Lancaster, Pa.
NEOSOTE wood preservative—Carbolineum Wood Preserving Co., 41 Greene, New York
NEPONSET electric fixtures & portables—Coffin Valve Co., Neponset, Boston, Mass.
NEPONSET PARVIT asphalt roofing & paper—Bird & Son, East, Walpole, Mass.
NEPONSET PROSLATE asphalt roofing—Bird & Son, East, Walpole, Mass.
NEPONSET roofing, deadening felts, insulating paper, saturated asphalt shingles, fibre shipping cases Bird & Son, East Walpole, Mass.
NEPTO rubber gloves—Star Rubber Co., Akron, Ohio
NEPTUNE belting & belt cements—Graton & Knight Mfg. Co., Worcester, Mass.
NEPTUNE DYNAMO belting—Graton & Knight Mfg. Co., Worcester, Mass.
NEPTUNE engine lubricators—Wm. Powell Co., Cincinnati, Ohio
NEPTUNE fishing reels—A. F. Meisselbach & Bros., 29 Congress, Newark, N. J.
NEPTUNE insulated wire—Atlantic Insulated Wire & Cable Co., Stamford, Conn.
NEPTUNE pneumatic water supply systems—Fleck Bros. Co., Phila., Pa.
NEPTUNE ATLANTIC rubber-covered wire—Atlantic Insulated Wire & Cable Co., Stamford, Conn.
NERO door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
NERVEZE rubber heels—Plymouth Rubber Co, Canton, Mass.
NESBIT hot air furnaces—Standard Furnace & Supply Co., Omaha, Neb.
NESCO ash sifters, fry pans, roasters & baking pans, poultry fountains, steel shipping barrels—National Enameling & Stamping Co., 411 5th av, New York

NESTOR engine lubricators—Wm. Powell Co., Cincinnati, Ohio
NETHERLAND pipe hangers—John Simmons Co., 110 Centre, New York
NETMESH expanded lathes—Milwaukee Corrugating Co., Milwaukee, Wis.
NETTLETON end cutting nippers—Starr-Nettleton Mfg. Co., East Hampton, Conn.
NEUACHAT gasoline soldering iron—Globe Gas Light Co., 25 Union, Boston, Mass.
NEUCO electric cooking apparatus—National Electric Utilities Corp., 103 Park av, New York
NEV low water alarms—W. T. Ostrander & Co., B'way, New York
NEV-A-BURN stove polish—Chase, Roberts & Co., West av, Long Island City, N. Y.
NEVASLIP veneer panels & car roofing—Keyes Products Co., 120 B'way, New York
NEVER-BEND wash boilers—H. Behrens Mfg. Co., Winona, Minn.
NEVER BREAK calking tools, bricklayers' chisels, plumbers' tools—S. & I. Co., Springfield, Mass.
NEVER-BREAK furnace casing rings—Walworth Run Foundry Co., 2488 W. 27th, Cleveland, Ohio
NEVER BREAK lamp guards—Hamblin & Russell Mfg. Co., Worcester, Mass.
NEVER-BREAK lamp guards—Frank W. Morse, 289 Congress, Boston, Mass.
NEVER BREAK pike poles, rising forks—Columbus Handle & Tool Co., Columbus, Ind.
NEVER-BREAK plumbers' wood work—Shwab Bros. Co., 811 E. 9th, New York
NEVER BREAK roof snow guards—F. N. Peter & Bro., Newside, Pa.
NEVER BREAK sash locks—Champion Hardware Co., Geneva, Ohio
NEVERBREAK saw vises—Clipper Tool Co., 284 Mills, Buffalo, N. Y.
NEVERBREAK tack claws & pullers—W. G. Browne Mfg. Co., Kingston, N. Y.
NEVER burn enamels—Northwestern Chemical Co., Marietta, Ohio
NEVER CREEP fence anchors—Chance Mfg. Co., Centralia, Mo.
NEVER DRIP mortar hods—Cleveland Wire Spring Co., Cleveland, Ohio
NEVER DRIP wax tapers—Columbia Wax Works, 751 E. 137th, New York
NEVER-FAIL animal pokes—Hughes & Smythe, Galena, Ohio
NEVERFAIL corn shellers—Root-Heath Mfg. Co., Plymouth, Ohio
NEVER FAIL lubricators—McRae & Roberts Co., 227 Campbell av, Detroit, Mich.
NEVER FAIL oil cans, automobile tanks—J. A. Harps Mfg. Co., Greenfield, Ohio
NEVERFALL boiler oil feeders—McRae & Roberts Co., 227 Campbell av, Detroit, Mich.
NEVER-GUM pneumatic tool lubricants—Cleveland Pneumatic Tool Co., 3734 E. 78th, Cleveland, O.
NEVER JAR LOOSE lock nuts—Drake Lock Nut Co., 10th & Folsom.
NEVER LEAK oil cans—Delphos Mfg. Co., Delphos, Ohio
NEVER LEAK range boilers—Fleck Bros. Co., 44 N. 5th, Phila., Pa.
NEVERLEAK tire fluid—Buffalo Specialty Co., 375 Ellicott, Buffalo, N. Y.
NEVER-MISS spark plugs—Lockwood Ash Motor Co., Jackson, Mich.
NEVEROUT bicycle lamps, carriage lamps—Rose Mfg. Co., 910 Arch, Phila., Pa.
NEVER-RUB bow separators—Springfield Auto Top & Upholstering Co., Springfield, Mass.
NEVERUST exhaust heads—Franklin Williams, Inc., 39 Cortlandt, New York
NEVER RUST for compound tools—Bancroft & Co., Harrison bldg., Phila., Pa.
NEVERSAG foundry riddles—C. O. Jelliff Mfg. Co., Southport, Conn.
NEVERSINK boat cushions—Chicago Flag & Decorating Co., 1345 S. Wabash av, Chicago, Ill.
NEVER-SINK mooring buoys—Jordan Bros., Norfolk, Va.
NEVER SKIDS for motor truck tires—Never Skid Mfg. Co., 110 W. 34th, New York
NEVER-SLIP basin clamps—Wolverine Brass Works, Grand Rapids, Mich.
NEVERSLIP belt dressing—White & Bagley Co., Worcester, Mass.
NEVER-SLIP can openers—Browne & Dowd Mfg. Co., Meriden, Conn.
NEVER SLIP car movers—Ransome-Leach Co., 115 B'way, New York
NEVER SLIP car movers—Hilts Wrench & Mfg. Co., Richford, N. Y.
NEVER SLIP drill chucks—Champion Blower & Forge Co., Lancaster, Pa.
NEVERSLIP farm tractors—Monarch Tractor Co., Watertown, Wis.
NEVERSLIP hose clamps—Cleveland Pneumatic Tool Co., 3734 E. 78th, Cleveland, Ohio
NEVER SLIP hose couplings—H. F. Neumayer & Son, Macungie, Pa.
NEVERSLIP ice creepers—Judson L. Thomson Mfg. Co., Roberts Station, Waltham, Mass.
NEVERSLIP lock washers—National Umbrella Frame Co., Philadelphia, Pa.
NEVER SLIP MONARCH can openers—Dover Stamping & Mfg. Co., Cambridge, Mass.
NEVER-SLIP nail hammers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
NEVER SLIP nail pullers—Belden Machine Co., New Haven, Conn.
NEVERSLIP nail pullers—Cronk & Carter Mfg. Co., Elmira, N. Y.
NEVERSLIP plumbers' solder—E. M. Lang Co., Portland, Me.
NEVERSLIP rod tongs—M. A. Love Mfg. Co., Rockford, Ill.
NEVER SLIP stove lid lifters—Adell Mfg. Co., Orange, Mass.
NEVERSLIP switch plates—Bethlehem Steel Co., So. Bethlehem, Pa.
NEVERSLIP tack hammers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
NEVERSLIP tractors—Monarch Tractor Co., Watertown, Wis.
NEVERSLIP wire stretchers—Warren Specialty Mfg. Co., Warren, Ohio
NEVER-SMEAR stamp pads, rubber stamp inks—C. C. Hager Co., 1234 Penn, Pittsburgh, Pa.
NEVER-SPLIT closet seats—Never-Split Seat Co., Evansville, Ind.
NEVER-STRETCH measuring tapes—W. G. Browne Mfg. Co., Kingston, N. Y.
NEVER TIP wire strainers—Hamblin & Russell Mfg. Co., Worcester, Mass.
NEVER TURN linemen's climbers, wire connectors—Smith & Hemenway Co., Inc., 261 B'way, New York; 130 Coit, Irvington, N. J.
NEVER-TURN track bolts—Bethlehem Steel Co., So. Bethlehem, Pa.
NEVER TWIST screw drivers—Braunsdorf-Mueller Co., Elizabeth, N. J.
NEVERWEAR steel restaurant tables, revolving top stools—Buffalo Metal Furniture Mfg. Co., Buffalo, N. Y.
NEW AMERICAN law mowers—F. & N. Lawn Mower Co., Richmond, Ind.
NEWAGARD switch boxes, panel board cabinets, stage & receptacle plugs—Henry Newgard & Co., 953 Washington blvd., Chicago, Ill.
NEWARK dumb waiters—Storm Mfg. Co., 50 Vesey, Newark, N. J.
NEWARK fire boat nozzles & turret fire hose—A. W. Wheaton Brass Works, 157 N. J. R. R. av, Newark, N. J.
NEWARK gauge glass cutters—Newark Brush & Scraper Co., 266 Fabyan pl, Newark, N. J.
NEWARK water pots—Central Stamping Co., 172 Fulton, New York
NEWARK POTTERY calcined plaster—Newark Plaster Co., ft. Bridge, Newark, N. J.
NEWAYGO cement mfrs.—Newaygo Portland Cement Co., Grand Rapids, Mich.
NEWAYGO separators for fine screening—Sturtevant Mill Co., Dorchester, Boston, Mass.
NEW BANNER anvil, vise & drill—Bloomfield Mfg. Co., Bloomfield, Ind.
NEW BOSS garden cultivators—Buffum Tool Co., South Side, Louisiana, Mo.
NEW BRITAIN drill chucks—Union Mfg. Co., New Britain, Conn.
NEW BRITAIN steel factory equipment, saw clamps & vises, screw chucking & polishing machines, turret lathes, bench legs, shop pans, steel shelving, sheet steel boxes, stanchions & scraping tables—New Britain Machine Co., 190 Chestnut, New Britain, Conn.
NEW BROOKE thermometers—C. J. Tagliabue Mfg. Co., 18 33d, Brooklyn, N. Y.
NEW BUCKEYE portable saw mills—Enterprise Co., Columbiana, Ohio
NEWBURGH lawn mowers—Chadborn & Coldwell Mfg. Co., Newburgh, N. Y.
NEW CENTURY carbon black—L. Martin Co., 81 Fulton, New York
NEW CENTURY corn binders grain harvesters—Walter A. Wood Mowing & Reaping Machine Co., Hoosick Falls, N. Y.
NEW CENTURY fruit & vegetable parers—Goodell Co., Antrim, N. H.
NEW CENTURY gas & oil stove ovens—A. Geisel Mfg. Co., 219 S. 2nd, St. Louis, Mo.

NEW CENTURY grain separators—Aultman & Taylor Machinery Co., Mansfield, Ohio
NEW CENTURY lemon squeezers—Tri-Angle Mfg. Co., Freeport, Ill.
NEW CENTURY metallic shingles & roofing tile—Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
NEW CENTURY nut crackers & picks—Tri-angle Mfg. Co., Freeport, Ill.
NEW CENTURY pumps—F. E. Myers & Bro., Ashland, Ohio
NEW CENTURY screw drivers—Braunsdorf-Mueller Co., Elizabeth, N. J.
NEW CHICAGO ice cream freezers—Horizontal Freezer Co., 18 W. Kinzie, Chicago, Ill.
NEW CLEVELAND pneumatic hammers—Cleveland Pneumatic Tool Co., 3734 E. 78th, Cleveland, O.
NEWCODE ordinary receptacles—Stanley & Patterson, 23 Murray, New York
NEW COLUMBIA steam & hot water heaters—South Park Fdy. & Mach. Co., 322 Jackson, St. Paul, Minn.
NEWCOMB carbureters—Holtzer-Cabot Electric Co., 125 Amory, Boston, Mass.
NEWCOMBE grease cups & plug lubricators—Dielmore Valve Co., Tacoma, Wash.
NEW DANDY shoveling & end gate boards—Kingman Plow Co., Peoria, Ill.
NEW DEPARTURE battery motors—Lionel Mfg. Co., 48 E. 21st, New York
NEW DEPARTURE disc. cultivators—Pattee Plow Co., Monmouth, Ill.
NEW DEPARTURE lawn mowers—Supplee-Biddle Hardware Co., 510 Commerce, Phila., Pa.
NEW DEPARTURE mop sticks & holders—H. E. Hagglund, 410 W. Elm, Chicago, Ill.
NEW DEPARTURE stamp pads—B. C. Volger Mfg. Co., Passaic, N. J.
NEW DEPARTURE steel balls, ball bearings, bells & gongs, car journals, coaster brakes, cyclometers—New Departure Mfg. Co., Bristol, Conn.
NEW DIAMOND molders' flasks—Oscar Barnett Foundry Co., Irvington, N. J.
NEW DIAMOND sink strainers—Roseland Can & Specialty Co., Rockford, Ill.
NEW DOVER egg & cream beaters—Dover Stamping & Mfg. Co., Cambridge, Mass.
NEW DUKE riding listers—Peru Plow & Wheel Co., Peru, Ill.
NEW EASY bolt clippers—H. K. Porter, 6 Ashland, Everett, Mass.
NEW EASY sled cultivators—Ohio Cultivator Co., Bellevue, Ohio
NEW EBBERT farm wagons—Pekin Wagon C. Pekin, Ill.
NEW ECLIPSE lawn mowers—American Lawn Mower Co., Muncie, Ind.
NEW ECLIPSE sulky plows—Madison Plow Co., Madison, Wis.
NEWELLO magic slates—Richmond Bros. Co., 177 Chestnut, Newark, N. J.
NEW ENGLAND kitchen enameled ware—New England Enameling Co., Middletown, Conn.
NEW ENGLAND lawn mowers—Dille & McGuire Mfg. Co., Richmond, Ind.
NEW ENGLAND lawn mowers—Worcester Lawn Mower Co., Worcester, Mass.
NEW ENGLAND lawn swings—C. W. H. Moulton Co., Somerville, Mass.
NEW ENGLAND rock crushers—New England Road Machinery Co., 15 S. Market, Boston, Mass.
NEW ENTERPRISE stoves—Pittston Stove Co., Pittston, Pa.
NEW ERA babbitt metal, boiler compounds, metallic engine packing—New Era Mfg. Co., Kalamazoo, Mich.
NEW ERA check writing machines—New Era Mfg. Co., 450 4th av, New York
NEW ERA clothes washing machines—Glascock Bros. Mfg. Co., Muncie, Ind.
NEW ERA cultivators—Kingman Plow Co., Peoria, Ill.
NEW ERA dough mixing & kneading machinery—American Oven & Machine Co., 111 W. Washington, Chicago, Ill.
NEW ERA gas engines—Portsmouth Engine Co., Portsmouth, Ohio
NEW ERA grain drills—Dempster Mill Mfg. Co., Beatrice, Neb.
NEW ERA metal hot water bottles—Metal Specialties Co., Attleboro, Mass.
NEW ERA neck yokes—Reno Mfg. Co., Erie, Pa.
NEW ERA pasteurizing machines—Loew Mfg. Co., 9100 Madison av, N. W., Cleveland, Ohio
NEW ERA plow mfrs.—C. Billups' Son & Co., Norfolk, Va.
NEW ERA postage stamp affixing machines—New Era Mfg. Co., 450 4th av, New York
NEW ERA pressure regulators—Locke Regulator Co., Salem, Mass.
NEW ERA printing machinery—Regina Co., 47 W. 34th, New York
NEW ERA shovel plows—Gale Mfg. Co., Albion, Mich.
NEW ERA tank heaters—Butler Mfg. Co., Kansas City, Mo.
NEW ERA waffle irons—Indiana Hollow Ware Co., Jeffersonville, Ind.
NEW ERA wagon loaders—Austin Mfg. Co., 910 S. Michigan av, Chicago, Ill.
NEW ERA water coolers—Buffalo Mfg. Co., Buffalo, N. Y.
NEW EUREKA belt lacing—Manufacturers' Belt Hook Co., 1321 W. Congress, Chicago, Ill.
NEWEST electric illuminated signs—Electro-Ad Co., Detroit, Mich.
NEW-EST electric illuminated signs—Phelps Mfg. Co., Detroit, Mich.
NEW EUREKA molders' flasks—Smith & Caffrey Co., Syracuse, N. Y.
NEW EXCELSIOR horse lawn mowers—Chadborn & Coldwell Mfg. Co., Newburgh, N. Y.
NEW FINISH furniture polish—Baum Bros. Co., Denver, Colo.
NEW FREMONT cultivators—Roderick Lean Mfg. Co., Mansfield, Ohio
NEW GIANT barn door hangers—Lawrence Bros., Sterling, Ill.
NEW GLOBE rubber horse shoe pads—Revere Rubber Co., Chelsea, Mass.
NEW GREAT WESTERN threshers—Harrison Machine Works, Belleville, Ill.
NEWHALL multiple effects evaporators—Geo. M. Newhall Engineering Co., 1491 Chestnut, Phila., Pa.
NEW HAVEN brick press machines—Eastern Machinery Co., New Haven, Conn.
NEW HAVEN EDGE TOOL CO. box scrapers—Sargent & Co., New Haven, Conn.
NEW HAVEN novelty bit braces—W. A. Ives Mfg. Co., Wallingford, Conn.
NEW HAVEN sand blast machines—New Haven Sand Blast Co., New Haven, Conn.
NEW HAVEN trolley wheels & trolley wheel bushings—H. B. Ives Co., New Haven, Conn.
NEW HERO fodder cutters—Appleton Mfg. Co., Batavia, Ill.
NEW HIST potato diggers—Hist Potato Machinery Co., Alliance, Ohio
NEW HOLLAND corn & cob mills—New Holland Machine Co., New Holland, Pa.
NEW HOME hot air furnaces—Hood Furnace & Supply Co., Corning, N. Y.
NEWHOUSE animal traps—Oneida Community (Ltd.), Oneida, N. Y.
NEW HUBER steam road rollers, self-feeders & band cutters, traction engines—Huber Mfg. Co., Marion, Ohio
NEW I-D folding seats—Fernald Mfg. Co., North East, Pa.
NEW IDEA apple corers—Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y.
NEW IDEA bed & furniture casters—Faultless Caster Co., Evansville, Ind.
NEW IDEA garden cultivators, manure spreaders, spring tooth harrows—New Idea Spreader Co., Coldwater, Ohio
NEW IDEA gas ranges—A. B. Stove Co., Battle Creek, Mich.
NEW IDEA hog rings—Decker Mfg. Co., Keokuk, Ia.
NEW IDEA paper folding machines—Cleveland Folding Machine Co., Cleveland, Ohio
NEW IDEA soldering flux—Wm. J. Hartwig Co., Detroit, Mich.
NEW IDEA wagon jacks—Samuel S. Joy, Rockingham, N. H.
NEW IDEAL floor hinges—Stover Mfg. Co., Freeport, Ill.
NEW IDEAL woven wire fences—Enterprise Iron Works, Indianapolis, Ind.
NEW INGERSOLL coal cutting machines—Ingersoll-Rand Co., 11 Broadway, New York
NEW JAP door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
NEW JERSEY metal polish—N. J. Paint Works, Jersey City, N. J.
NEW JUDSON steam engine governors—Vicksburg Governor Co., Vicksburg, Mich.
NEW LAWN mowers—Phila. Lawn Mower Co., 3107 Chestnut, Phila., Pa.
NEW LAWN sprinklers & hose nozzles—H. F. Neumeyer & Sons, Macungie, Pa.
NEW LION harrows—Ohio Rake Co., Dayton, Ohio

NEW LITTLE GIANT trip hammers—Mayer Bros. Co., Mankato, Minn.
NEW LUSTRO furniture polish—Continental Mfg. Co., Indianapolis, Ind.
NEW MAGIC lawn mowers—Dille & McGuire Co., Richmond, Ind.
NEWMAN emery planers—Tanite Co., Stroudsburg, Pa.
NEWMAN foot valves—A. & F. Brown Co., 79 Barclay, New York
NEWMARKET cultivators, spring tooth harrows—South Bend Chilled Plow Co., South Bend, Ind.
NEW MARKET gas burners—American Lava Co., Chattanooga, Tenn.
NEW MARSEILLES cylinder shellers—Marseilles Co., E. Moline, Ill.
NEW MILLER clothes washing machines—N. C Baughman, York, Pa.
NEW MITE push buttons—Edwards & Co., Exterior av & 140th, New York
NEW MODEL alfalfa cutters—E. C. Stearns & Co., 450 Oneida, Syracuse, N. Y.
NEW MODEL clover cutters—Silver Mfg. Co., Salem, Ohio
NEW MODEL lawn mowers—Chadborn & Coldwell Mfg. Co., Newburgh, N. Y.
NEW MODEL sickel grinders—R. Herschel Mfg. Co., Peoria, Ill.
NEW MODEL straight ladders—Bent Rung Ladder & Mfg. Co., Indiana, Pa.
NEW MODERN feed carriers, stock fountains, farm gates—Glor Bros. & Willis Mfg. Co., Attica, N. Y.
NEW MODERN trip hammers—Modern Sales Co., Hampton, Ia.
NEW MONARCH automatic pile drivers, hammers—Henry J. McCoy, 65 Dey, New York
NEW MORRISON riding listers—Fort Madison Plow Co., Fort Madison, Ia.
NEW MYSTIC cultivators—Avery Co., Peoria, Ill.
NEW MYSTIC lawn mowers—Granite State Mowing Machine Co., Hinsdale, N. H.
NEW NATIONAL steam & hot water heaters—National Mfg. Co., Toledo, Ohio
NEW 1903 METROPOLITAN garden barrows—McWhinnie, Thos., Poughkeepsie, N. Y.
NEW NO. 8 feed cutters—Thornburg Mfg. Co., Bowling Green, Ohio
NEW OHIO cultivators—Ohio Cultivator Co., Belleville, Ohio
NEW OHIO fodder shredders—Silver Mfg. Co., Salem, Ohio
NEW ORLEANS pattern hooks—Sargent & Co., New Haven, Conn.
NEW OWATONNA churns—Owatonna Fanning Mill Co., Owatonna, Minn.
NEW PAN AMERICAN clothes washing machines—Blackstone Mfg. Co., Jamestown, N. Y.
NEW PEERLESS eave-trough hangers—Abbott Mfg. Co., Cleveland, Ohio
NEW PEERLESS grain separators—Emerson-Brantingham Co., Rockford, Ill.
NEW PEERLESS lawn mowers—American Lawn Mower Co., Muncie, Ind.
NEW PEORIA coal drills—Wantling Favorite Coal Drill Co., Peoria, Ill.
NEW PERFECTION oil cook stoves & ovens—Cleveland Metal Products Co., Platt av, Cleveland, O.
NEWPORT oils, rosin & turpentine—General Naval Stores Co., 90 West, New York
NEWPORT stop & waste cocks—Hamlin & Emery Brass Co., 49 Island, Boston Mass.
NEW PRECISE transits—Ledder & Probst, 56 Franklin, Boston, Mass.
NEW PRIME cultivators—Racine-Sattley Co., Springfield, Ill.
NEW PRIZE stoves—Grinberg Bros., 154 South, New York
NEW PRIZE sweep horse powers—Appleton Mfg. Co., Batavia, Ill.
NEW PROCESS air hammer rivet sets—Geo. F. Marchant Co., 1420 S. Rockwell, Chicago, Ill.
NEW PROCESS gas stoves, parlor gas grates, oil stoves & heaters—American Stove Co., St. Louis, Mo.
NEW PROCESS grain separators—Fosston Mfg. Co., St. Paul, Minn.
NEW PROCESS steel chilled shot & sand blast abrasives—Harrison Supply Co., 5 Dorchester av, Extension, Boston, Mass.
NEW QUAIL riding cultivators—Ohio Rake Co., Dayton, Ohio
NEW QUAKER lawn mowers—Supplee-Biddle Hardware Co., 510 Commerce, Phila., Pa.
NEW RACINE threshers—Belle City Mfg. Co., Racine, Wis.
NEW RAPID ice breakers—North Bros. Mfg. Co., Lehigh av & American, Phila., Pa.
NEW RAPID nutmeg graters—Hamblin & Russell Mfg. Co., Worcester, Mass.
NEW RELIABLE automatic for circular saws—Rotary File & Machine Co., 200 Diamond, Brooklyn, N. Y.
NEW ROBINSON wire fence machines—Eureka Fence Mfg. Co., Richmond, Ind.
NEW ROGERS scroll saws—Millers Falls Co., 28 Warren, New York
NEW ROVER lawn mowers—Granite State Mowing Machine Co., Hinsdale, N. H.
NEW ROYAL poultry coops—Defiance Box Co., Defiance, Ohio
NEW ROYAL stoves—Grinberg Bros., 154 South, New York
NEW SAMSON automobile jacks—Oliver Mfg. Co., 326 S. Desplaines, Chicago, Ill.
NEW SANITARY hot air registers—Wm. Highton & Sons Co., Nashua, N. H.
NEW SMITH farm wagons—Pekin Wagon Co., Pekin, Ill.
NEW SOUTH farm wagons—Auburn Wagon Co., Martinsburg, W. Va.
NEW SOUTH BEND plows—South Bend Chilled Plow Co., South Bend, Ind.
NEW SPRAGUE can openers—N. R. Streeter & Co., Rochester, N. Y.
NEW STANDARD horse nails—Standard Horse Nail Co., New Brighton, Pa.
NEW STANDARD meat & food choppers—New Standard Hardware Works, Mt. Joy, Pa.
NEW STANDARD ore concentrators—Llewellyn Iron Works, Los Angeles, Cal.
NEW STANDARD scrap metal baling presses—Chicago Baling Press Co., 305 S. La Salle, Chicago, Ill.
NEW STATE concrete mixers—Demorest Mfg. Co., Enid, Okla.
NEW STOUGHTON farm wagons, harrow attachments—Stoughton Wagon Co., Stoughton, Wis.
NEW SUCCESS hydraulic turbines & turbine water wheels—S. Morgan Smith Co., York, Pa.
NEW SUPERIOR fanning mills—J. L. Owens Co., Minneapolis, Minn.
NEW SUPERIOR gas engines, propeller wheels—Lake Shoe Engine Works, Marquette, Mich.
NEWTEN cupola furnaces—Northern Engineering Works, 9 Chene, Detroit, Mich.
NEW TEXAS cultivators—J. I. Case Plow Co., Racine, Wis.
NEWTON car replacers—Hobart Allfree Co., 37 W. Van Buren, Chicago, Ill.
NEWTON drag road scrapers—Skow Mfg. Co., Newton, Ia.
NEWTON dumping wagons, farm trucks, wagon gears Emerson-Brantingham Co., Rockford, Ill.
NEWTON grain graders—One Minute Mfg. Co., Newton, Ia.
NEWTON steam separators, steam traps—Providence Steam Trap Co., 16 Diamond, Providence, R. I.
NEWTON & McGEE cattle dehorners—Leavitt Mfg. Co., Urbana, Ill.
NEWTONE automobile horns—Automobile Supply Mfg. Co., 80 B'way, Brooklyn, N. Y.
NEWTON'S railway crossing signals—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
NEW TORNADO disc harrows—B. F. Avery & Sons, Louisville, Ky.
NEWTYPE gate valves—Kennedy Valve Mfg. Co., ft of Adams, Elmira, N. Y.
NEW UNIVERSAL garden cultivators—Ames Plow Co., Quincy Hall, Boston, Mass.
NEW UNIVERSAL plow coulters—Moline Plow Co., Moline, Ill.
NEW VICTOR shoveling & end gate boards—Kingman Plow Co., Peoria, Ill.
NEW WATSON potato sprayer pumps—Field Pump Co., Elmira, N. Y.
NEW-WAY alcohol engines—New Way Motor Co., Lansing, Mich.
NEW WAY corn planters, sulky plows—Racine-Sattley Co., Springfield, Ill.
NEW WAY CRYSTAL clothing wardrobes—Grand Rapids Show Case Co., Grand Rapids, Mich.
NEW WAY door hangers, girder tracks, barn door rails—F. E. Myers & Bro., 800 Orange, Ashland, Ohio
NEW WAY road culverts & wall ties—Beatrice Steel Tank Mfg. Co., Beatrice, Neb.
NEW WEST carriage top dressing—L. M. West's Sons, Rockford, Ill.
NEW WESTERN shoveling boards—True Mfg. Co., Eaton Rapids, Mich.
NEW WESTERN shoveling & end gate boards—W. B. Sturges & Sons, Shelbyville, Ill.
NEW WINDSOR cast iron ranges—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.

NEW WOODBURY ore concentrators—Geo. E. Woodbury, 238 Townsend, San Francisco, Cal.
NEW WRIGHT gas sad irons—Wright Gas Iron & Novelty Co., Phila., Pa.
NEW WRINKLE incandescent lamp sockets—Bryant Electric Co., Bridgeport, Conn.
NEW YANKEE grinders—Wilmarth & Morman Co., 1151 Monroe av, N. W., Grand Rapids, Mich.
NEW YORK automatic bottle corking machines—U. S. Bottlers' Machy. Co., 1033 W. Lake, Chicago, Ill.
NEW YORK boiler couplings—Trenton Brass & Machine Co., Trenton, N. J.
NEW YORK feed cutters—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
N. Y. grass catchers—Specialty Mfg. Co., St. Anthony Park, Minn.
NEW YORK grass hooks—Knickerbocker Mfg. Co., Belleville, N. J.
NEW YORK ground connection clamps—Yonkers Specialty Co., Yonkers, N. Y.
NEW YORK roll paper cutters—Hilts Wrench & Mfg. Co., Richford, N. Y.
NEW YORK SAFETY dumb waiters—Storm Mfg. Co., 50 Vesey, Newark, N. J.
NEW YORK slat irons—C. Cowles & Co., New Haven, Conn.
NEW YORK step ladders—W. W. Babcock Co., Bath, N. Y.
NEW YORK CHAMPION grain drills—Champion Drill Co., Avon, N. Y.
NEW YORK CHAMPION sulky hay rakes—Bateman Mfg. Co., Grenloch, N. J.
NEY grapple forks & wire stretchers—Ney Mfg. Co., Canton, Ohio
NEY'S post hole diggers—V. L. Co., Canton, Ohio
NIAGARA automatic fire sprinklers—Automatic Sprinkler Co. of America, 127 William, New York
NIAGARA belting & hose—Boston Belting Corp., 84 Linden Park, Boston, Mass.
NIAGARA blast furnaces—Tonawanda Iron & Steel Co., North Tonawanda, New York
NIAGARA blind hinges & self-oiling pulleys—Wrightsville Hardware Co., Wrightsville, Pa.
NIAGARA boiler injectors—Eynon-Evans Mfg. Co., N. 15th & Clearfield, Phila., Pa.
NIAGARA boys' axes—American Axe & Tool Co., Glassport, Pa.
NIAGARA clothes lines—Estes Mills, Fall River, Mass.
NIAGARA conoidal fans—Buffalo Forge Co., Buffalo, N. Y.
NIAGARA cooling coils—American District Steam Co., No. Tonawanda, N. Y.
NIAGARA currycombs, swivels & vestpokitrenchiz, bicycle wrenches—Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
NIAGARA fire hydrants—Macungie Brass & Mfg. Co., Macungie, Pa.
NIAGARA gas engines—Niagara Motose Corp., Dunkirk, N. Y.
NIAGARA grinders—Carborundum Co., Niagara Falls, N. Y.
NIAGARA hot air furnaces—Forest City Foundry & Mfg. Co., 2202 Elm av, Cleveland, Ohio
NIAGARA kerosene lamp burners—Edw. Miller & Co., Meriden, Conn.
NIAGARA ladders—Bacon & Co., Gasport, N. Y.
NIAGARA lawn sprinklers—Novelty Mfg. Co., Waterbury, Conn.
NIAGARA lubricating greases—Buffalo Refining Co., 177 Main, Buffalo, N. Y.
NIAGARA magnetic separators, mechanical dust collectors, bran dusters, flour mill aspirators, wheat scourers—Richmond Mfg. Co., Lockport, N. Y.
NIAGARA meters—Buffalo Meter Co., 2921 Main, Buffalo, N. Y.
NIAGARA oil & grease cup lubricators—Sherwood Mfg. Co., 1710 Elmwood av, Buffalo, N. Y.
NIAGARA parting compounds—Keystone Foundry Supply Co., Buffalo, N. Y.
NIAGARA reclaimed rubber—U. S. Rubber Reclaiming Works, 42nd st bldg, New York
NIAGARA refrigerators—Niagara Refrigerator Works, 22 Randall, Buffalo, N. Y.
NIAGARA saltpetre—Battelle & Renwick, 80 Maiden la, New York
NIAGARA shaking grates—Bobbie Foundry & Machine Co., Niagara Falls, N. Y.
NIAGARA sheet metal workers' machines & tools—Niagara Machine & Tool Works, 10 E. Worcester, Worcester, Mass.
NIAGARA vacuum pumps—Norman Hubbard's Sons, 265 Water, Brooklyn, N. Y.
NIAGARA wall plaster stucco—Niagara Gypsum Co., Buffalo, N. Y.
NIAGARA water heaters—Hammond-Homberger Co., Silver Creek, N. Y.
NIAGARA water motors—Winfield H. Smith, Buffalo, N. Y.
NIAGARA waterproof belting mfrs.—Shultz Belting Co., Bismarck & Barton, St. Louis, Mo.
NIAGRITE cable tape—H. W. Johns-Manville Co., Madison av & 41st, New York
NIBROC paper kraft, paper bond—Brown Company, Portland, Me.
NICE varnish & wood fillers—Eugene E. Nice, 272 S. 2nd, Phila., Pa.
NICHOLLS floor scrapers, marking gauges, take-down squares—Nicholls Mfg. Co., Ottumwa, Ia.
NICHOLS BROS. ice breakers, butchers' cleavers, cutlery & machinery, kitchen saws, slip & tree scrapers, etc.—Nichols Bros., Greenfield, Mass.
NICHOLS tap wrenches—J. M. Carpenter Tap & Die Co., Pawtucket, R. I.
NICHOLS-LINTERN sand boxes—Holland Trolley Supply Co., 1623 E. 43rd, Cleveland, Ohio
NICHOLSON arcing rings—Locke Insulator Mfg. Co., Victor, N. Y.
NICHOLSON expansion steam trap—Nicholson W. H. & Co., Wilkes-Barre, Pa.
NICHOLSON files & rasps—Nicholson File Co., Providence, R. I.
NICHOLSON speed indicating meters—Nicholson Ship Log Co., 409 Superior, N. W., Cleveland, O.
NICHOLSON tube expanders—W. H. Nicholson & Co., Wilkes-Barre, Pa.
NICHOLS-SHEPHARD straw burning traction engines—Nichols & Shepard Co., Battle Creek, Mich.
NICHROME resistance wire, dipping baskets & wire cloth—Driver-Harris Co., Harrison, N. J.
NICHROME II resistance wire—Driver-Harris Co., Harrison, N. J.
NICKEL plated alcohol sad irons—G. M. Thurnauer Co., 83 Worth, New York
NICKEL MINT peanut roasters—Bartholomew Co., Peoria, Ill.
NICKERSON porch columns—Nickerson Mfg. Co., Knoxville, Tenn.
NICK-I.-WORKS-CO. locomotive—McKinnon Iron Works Co., Ashtabula, Ohio
NICO paint—National Insulator Co., 1016 B'way, Boston, Mass.
NICKOLAS lacquer—G. J. Nikolas & Co., 1227 W. Van Buren, Chicago, Ill.
NICOLENE metal novelties & specialties, inkstands & wells—National Sheet Metal Works, Peru, Ill.
NICOL'S fish tongs, twine boxes—Nicol & Co., 218 N. Jefferson, Chicago, Ill.
NIELSON fifth wheels—Donigan & Nielson, 743 3rd, Brooklyn, N. Y.
NIFTY can openers—Taylor Mfg. Co., Hartford, Conn.
NIGHT COMMANDER acetylene gas machines—U. S. Standard Co., Voorheesville, N. Y.
NIGRUM bushings & washers—Bound Brook Oil-less Bearing Co., Bound Brook, N. J.
NILES spring hinges—Niles Mfg. Co., 216 S. Jefferson, Chicago, Ill.
NILO water meters—Union Water Meter Co., Worcester, Mass.
900 SERIES steam heaters—Gurney Heater Mfg. Co., 188 Franklin, Boston, Mass.
999 cordage & twine mfrs.—American Mills Co., Atlanta, Ga.
NINETEEN HUNDRED hand washing machines—Nineteen Hundred Washer Co., Binghamton, N. Y.
1900 CATARACT electric washers—Nineteen Hundred Washer Co., Binghamton, N. Y.
1900 dry batteries—Nungesser Carbon & Battery Works of Natl. Carbon Co., 1170 E. 38th, Cleveland, Ohio
1901 plumbers' rubber elbows—H. O. Canfield Co., Bridgeport, Conn.
1913 concrete mixers—Lansing Co., Lansing, Mich.
98 TURNTABLE fruit & vegetable parers—Goodell Co., Antrim, N. H.
NINETY-NINE drain pipe cleaners — Chemical Products Co., 116 Christopher, New York
NINETY-SIX brake beams—Chicago Railway Equipment Co., 1928 W. 46th, Chicago, Ill.
NIOTUS rubber tubing—Quaker City Rubber Co., 629 Market, Phila., Pa.
NIP-IT strawberry hullers—Stephens, Windsor & Co., Waltham, Mass.
NIPPER wire rope clips—Wilcox, Crittendon & Co., Middletown, Conn.
NISORON varnish—Patterson-Sargent Co., 2025 Lumber, Chicago, Ill.
NITELITE electric lamp flashlights—Providence Electric Mfg. Co., 23 Broad, Providence, R. I.
NITE-LITE electric light alarm clocks—F. W. Jansen Clock Co., 217 W. Randolph, Chicago, Ill.
NITRO FERTILE fertilizer—Fertile Chemical Co., Cleveland, Ohio

NITROLITES electric light fixtures—Harter Mfg. Co., 504 S. Clinton, Chicago, Ill.
NIVISION scythe snaths—Seymour Mfg. Co., Seymour, Ind.
NOAH'S machine paste—Boston Paste Co., 81 Traverse, Boston, Mass.
NOALL paint & varnish remover—Enterprise Paint Mfg. Co., 854 W. Van Buren, Chicago, Ill.
NOARK electric fuses, fuse boxes & electric meter protective devices—Johns Pratt Co., Hartford, Conn.
NOARK enclosed fuses, fuse boxes—H. W. Johns-Manville Co., Madison av & 41st, New York
NOBBY feed cutters—A. Buch's Sons Co., Elizabethtown, Pa.
NOBIND marine stuffing boxes—Upson-Walton Co. of N. Y., 291 B'way, New York
NOBLE self feeding drills—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
NOBLE'S auger bits—C. E. Jennings & Co., 71 Murray, New York
NOBLE'S magnetic separators—Capitol Brass Works, Detroit, Mich.
NOBOLT curb service boxes & service box covers—Patterson Mfg. Co., Keystone bldg., Pittsburgh, Pa.
NO BOY bottle blowing machy—Lynch Glass Machy Co., Anderson, Ind.
NOBRAC paints for coating—Patterson-Sargent Co., Cleveland, Ohio
NOBURN metal valve wheels—C. H. Yonts & Co., Meadville, Pa.
NOCER garden hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
NO-CO-DO enameled metal tile—Northrop Coburn & Dodge Co., 120 Liberty, New York
NO-CO-RO metal road culverts—Canton Culvert Silo Co., Canton, Ohio
NOCOST pneumatic water supply systems—Illinois Pump & Brass Co., Peoria, Ill.
NO-DROP oil cans—Wheeling Corrugating Co., Wheeling, W. Va.
NO-DUST drying machinery, polishing machines—No Dust Drying Machine Co., 157 Dorrance, Providence, R. I.
NODUSTO sweeping compounds—Masury-Young Co., 196 Milk, Boston, Mass.
NO-DUST-O sweeping compounds—National Dust Down Co., 102 N. 1st, Brooklyn, N. Y.
NO-EQUAL asphalt roofing, rubber roofing—National Roofing Material Co., Edwardsville, Ill.
NO-EQUAL cold storage doors—Jamison Cold Storage Door Co., Hagerstown, Md.
NOERA oil cans, oilers, collapsible drinking cups, lawn sprinklers, mowing machines—Noera Mfg. Co., Waterbury, Conn.
NO GASKET meter couplings—H. W. Clark Co., Mattoon, Ill.
NOGLARE gauge glasses—Corning Glass Works, Corning, N. Y.
NOHEET babbitt metal & metallic packing—Lubricating Metal Co., 2 Rector, New York
NOISELESS bath water heaters—Eynon-Evans Mfg. Co., N. 15th & Clearfield, Phila., Pa.
NO-KEY padlock locks—American Keyless Lock Co., 619 W. Jackson, Chicago, Ill.
NOKORODE paste & salts soldering—M. W. Dunton Co., 150 Niagara, Providence, R. I.
NOKORODE solderkit soldering sets—M. W. Dunton Co., 150 Niagara, Providence, R. I.
NOKOROS unions—Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
NOKUT telescopic oilers, crank pin—Richardson-Phenix Co., Milwaukee, Wis.
NOKUT valves & oilers—Richardson-Phenix Co., Milwaukee, Wis.
NOLA metallic shingles—New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La.
NOLAN blow-off valves—Jos. F. Schiller, 316 S. Lawrence, Phila., Pa.
NOLAN blow-off valves—Schiller, Nolan & Co., 820 Cherry, Phila., Pa.
NO-LEAK water pressure regulators—Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
NO-MAR chemical dust mops—No-Mar Mfg. Co., Cleveland, Ohio
NOMAR wood stains—John W. Masury & Son, 50 Jay, Brooklyn, N. Y.
NOMAS open & closed circuit batteries—Electric Goods Mfg. Co., Canton, Mass.
NOME cultivators—J. I. Case Plow Works, Racine, Wis.
NO MORE DUST sweeping compounds—Climax-Western Oil Co., 2824 10th av, Minneapolis, Minn.
NOMOREDUST sweeping compounds—Cedar-Sweep Co., Los Angeles, Cal.
NONAME card tables—E. T. Burrows, Portland, Me.
NO-NAME flour sifters—Peoria Can Co., Peoria, Ill.
NON-CLIP plasters' steel corner beads—Knapp Bros. Mfg. Co., 2419 W. 14th, Chicago, Ill.
NON-CLOG spray nozzles—E. C. Brown Co., Rochester, N. Y.
NON-COLLAPSIBLE copper floats—Michigan Metal Spinning Mfg. Co., Detroit, Mich.
NONE-HOLD back screen door hinges—Grey Iron Casting Co., Mt. Joy, Pa.
NONEQUAL furniture polish—Keep Bros., 225 Sansom, Phila., Pa.
NONE-SUCH belting & leather aprons—Pechlin Belting Co., 700 N. Front, Phila., Pa.
NONE-SUCH brooders—Indianapolis Corrugating Co., Indianapolis, Ind.
NONE SUCH can openers—W. G. Browne Mfg. Co., Kingston, N. Y.
NONE-SUCH coffee or spice mills—Mirroscope Co., Cleveland, Ohio
NONESUCH feed cutters—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
NONESUCH plating machines, plating barrels, carboy rockers—Munning Loeb Co., Matawan, N. J.
NONEX gauge glasses, glass battery jars, glass chimneys, lantern globes—Corning Glass Works, Corning, N. Y.
NON-FLAKE typewriter carbon paper—Pen Carbon Manifold Co., New Brunswick, N. J.
NON-FLUID lubricating oils & greases—N. Y. & N. J. Lubricant Co., 165 Broadway, New York
NON-GRAN bronze metal bearings, bushings, castings—American Bronze Co., Berwyn, Pa.
NONPAREIL automobile trailer trucks—Nonpareil Mfg. Co., Cochranton, Pa.
NONPAREIL babbitt metal—Theo. Hiertz Metal Co., Alaska & Tesson, St. Louis, Mo.
NONPAREIL bone mills, corn & cob mills—L. J. Miller, Cincinnati, Ohio
NONPAREIL cork pipe & boiler coverings, cork tile, corkboard insulation—Armstrong Cork & Insulation Co., Pittsburgh, Pa.
NONPAREIL cork tile—David E. Kennedy (Inc.), 53 6th av, New York
NONPAREIL electric bells—Manhattan Electrical Supply Co., 17 Park pl, New York
NONPAREIL generator valves—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
NONPAREIL packing, belt dressing—Jno. M. Watt's Sons, 54 N. 2nd, Phila., Pa.
NONPAREIL stamp paste & isinglass—Robert Keller, 334 3rd, Phila., Pa.
NONPAREIL steam heaters—Enoch Rutzler Co., 404 E. 49th, New York
NON-SHINE chair pads—Non-Shine Chair Pad Co., 7037 Ridge av, Phila., Pa.
NON-SKID stone stair treads—Euclid Stone & Brick Co., Cleveland, Ohio
NON-SMUT carbon paper—Imperial Mfg. Co., 297 Washington, Newark, N. J.
NON-SPLIT closet seats—Wm. S. Emery, 118 E. 28th, New York.
NON-THEFT match box holders—Res Mfg. Co., 2907 Meinecke av, Milwaukee, Wis.
NON-TIP ladders—Four-in-one-Ladder Mfg. Co., Mishawaka, Ind.
NOOGA cornices—Chattanooga Roofing & Foundry, Chattanooga, Tenn.
NOPACK compression cocks—Nopack Brass Mfg. Co., Dubois, Pa.
NO PIECE curtain stretchers—Chicago Curtain Stretcher Co., 3725 Wall, Chicago, Ill.
NORBITT porcelain rosettes & receptacles—Crouse-Hinds Co., Syracuse, N. Y.
NORBITT porcelain rosettes—E. H. Freeman Electric Co., Trenton, N. J.
NORCROSS cultivators, cultivator hoes, garden weeders—C. S. Norcross & Sons, Bushnell, Ill.
NORCROSS jolt ramming machines—Arcade Mfg. Co., Freeport, Ill.
NORDYKE electric cable hangers—Standard Underground Cable Co., Pittsburgh, Pa.
NORFOLK paper towels—Hollingsworth & Vose Co., 141 Milk, Boston, Mass.
NO-RIM-CUT pneumatic tires—Goodyear Tire & Rubber Co., Akron, Ohio
NORKA lawn mowers—Whitman & Barnes Mfg. Co., Akron, Ohio
NORKA radiators—Williamsport Radiator Co., Williamsport, Pa.
NORKA rubber hose, rubber packing—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio
NORMA steel balls & ball bearings—Norma Co. of America, 1790 B'way, New York
NORMAN acetylene gas machines—Modern Gas Light & Heating Co., Des Moines, Ia.
NORMAN stoves & ranges—Galusha Stove Co., Rochester, N. Y.

NORMAND water tube boilers—Bath Iron Works, Bath, Me.
NOROL nail sets—Syracuse Twist Drill Co., Borden av, Syracuse, N. Y.
NORRIS pulley mortising machines—Frank B. Sloan & Co., 516 W. Baltimore, Baltimore, Md.
NORTH blind awning fixtures—Wire Goods Co., Worcester, Mass.
NORTH carriage bolts—Cleveland Bolt & Mfg. Co., Cleveland, Ohio
NORTH AMERICAN liquid & paste polish—No. American Chemical & Engineering Co., 23 Old Slip, New York
NORTHERN cranes & electric hoists—Northern Engineering Works, 9 Chene, Detroit, Mich.
NORTHERN fire extinguishers & motor fire engines—Northern Fire Apparatus Co., Minneapolis, Minn.
NORTHERN roll toilet paper—Northern Paper Mills, Green Bay, Wis.
NORTHERN water gauges—Northern Tool Co., Utica, N. Y.
NORTHERN QUEEN metal washboards—National Washboard Co., 72 W. Adams, Chicago, Ill.
NORTHFIELD concrete mixers, mortar mixers—Northfield Iron Co., Northfield, Minn.
NORTH POLE can openers—Andrews Wire & Iron Works, Rockford, Ill.
NORTH POLE ice cream freezers—Alaska Freezer Co., Winchendon, Mass.
NORTH POLE lubricating oils & greases—Bell Oil Co., 115 Ferry, St. Louis, Mo.
NORTHROP looms, spooler guides—Draper Corp., Hopedale, Mass.
NORTHRUP loom pickers—E. H. Jacobs Mfg. Co., Danielson, Conn.
NORTH SHORE hammocks—Wheeler & Wilson, 15 Merchants row, Boston, Mass.
NORTH STAR ice cream freezers—Alaska Freezer Co., Winchendon, Mass.
NORTH STAR portable grain elevators—Warren Elevator Mfg. Co., Warner, Ill.
NORTH STAR shade cloth—Hauser Shade Cloth Co., Chicago Heights, Ill.
NORTH WALES hack saw machines, knife & scissors grinders, door stops—North Wales Machine Co., North Wales, Pa.
NORTHWAY power mills—Strong-Scott Mfg. Co., Minneapolis, Minn.
NORTH WEST combined harvesters—Northwest Harvester Co., Spokane, Wash.
NORTHWESTERN cement mfrs. — Northwestern States Portland Cement Co.
NORTHWESTERN concrete mixers—Lansing Co., Lansing, Mich.
NORTHWESTERN farm wagons—Northwestern Mfg. Co., Fort Atkinson, Wis.
NORTHWESTERN flax-seed cleaners—J. L. Owens Co., Minneapolis, Minn.
NORTHWESTERN gas engines, cement brick machines—Northwestern Steel & Iron Works, Eau Claire, Wis.
NORTHWESTERN horse nails—Union Horse Nail Co., 1524 W. 22nd, Chicago, Ill.
NORTHWESTERN seamless hog troughs—Northwestern Stamping Co., Burlington, Ia.
NORTON blast furnaces—Norton Iron Works, Ashland, Ky.
NORTON elevator door openers—Elevator Supplies Co., Hoboken, N. J.
NORTON tuyere irons—Illinois Iron & Bolt Co., Carpentersville, Ill.
NORTON valve grinding compounds—Norton Co., Worcester, Mass.
NO-RUST stove scrapers—American Mfg. Co., Chattanooga, Tenn.
NORUSTOCTA unions—Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
NORWALK air & gas compressors—Norwalk Iron Works Co., S. Norwalk, Conn.
NORWALK rubber tires—Norwalk Tire & Rubber Co., Norwalk, Conn.
NORWALL air valves—American Radiator Co., 820 S. Michigan av, Chicago, Ill.
NORWAY blast furnaces—Colonial Iron Co., 149 B'way, New York
NORWEGIAN animal pokes—Osmundson Spade Mfg. Co., Perry, Ia.
NORWICH steam heaters—John T. Young Boiler Co., Norwich, Conn.
NORWOOD automobile jacks—Auto & Accessories Mfg. Co., Baltimore, Md.
NORWOOD belting mfrs., rubber hose, rubber packing—Cincinnati Rubber Mfg. Co., Cincinnati, O.
NORWOOD wire fence & gates—H. L. Brown Fence & Mfg. Co., Oakley, Cincinnati, Ohio
NO-SEAM copper range boilers—J. L. Mott Iron Works, Trenton, N. J.
NO-SET-O lubricating oils & greases—Norman C. Hayner Co., Rochester, N. Y.
NO SLAM screen door checks—Sargent & Co., New Haven, Conn.
NO-SOL copper floats—Ayling & Reichert Co., Toledo, Ohio
NO-SPARK carbon brushes—Galebaugh-Block Self-Lubricating Carbon Co., 1503 Columbia av, Phila., Pa.
NO-SPILL gasoline funnels—Hoaglin Mfg. Co., Waupaca, Wis.
NO TAR roofing cements—Heppes-Nelson Roofing Co., 4500 Fillmore, Chicago, Ill.
NO TIP walking & riding cultivators—Kingman Plow Co., Peoria, Ill.
NO-THUMP tumbler washers—L. L. Rowe, 74 Portland, Boston, Mass.
NOVELCO automobile horns—Novelty Mfg. Co., Waterbury, Conn.
NOVELTY disc sharpeners, stock fountains—Walker Mfg. Co., Council Bluffs, Ia.
NOVELTY hollow augers—W. A. Ives Mfg. Co., Wallingford, Conn.
NOVELTY hot water heaters—Model Heating & Engineering Co., Phila., Pa.
NOVELTY paper fasteners—Phila. Novelty Mfg. Co., 13th, cor Noble, Phila., Pa.
NOVELTY porch swings—Modern Mfg. Co., Hagerstown, Md.
NOVELTY pumps—Hess, Snyder Co., Massillon, Ohio
NOVELTY spray pumps—Hoil Mfg. Co., 45 N. Division, Buffalo, N. Y.
NOVELTY sulky hay rakes—Geo. S. Comstock & Son, Mechanicsburg, Pa.
NOVI incandescent electric lamps—Franklin Electric Mfg. Co., Hartford, Conn.
NOVIO flushing valves—Jenkins Mfg. Co., 20 Vesey, New York
NOVIOL lens blanks—Corning Glass Works, Corning, N. Y.
NOVITAS talking machines—Novitas Sales Co., Waltham, Mass.
NOVIWELD goggles & eye protectors—F. A. Hardy & Co., 10 S. Wabash av, Chicago, Ill.
NOVO gas engines—Novo Engine Co., Lansing, Mich.
NOVOSUPERIOR high speed steel—H. Boker & Co., 101 Duane, New York
NOVUS steam heaters & hot water radiators—National Radiator Co., Johnstown, Pa., & Trenton, N. J.
NOWARPS meter discs—Fred W. Hanks, 10624 St. Clair av, Cleveland, O.
NO WASTE roving cans—Standard Fibre Co., Miller, Somerville, Mass.
NOWATT transformers—Sangamo Electric Co., Springfield, Ill.
NOWIK oil heater stoves—Turner Brass Works, Sycamore, Ill.
NO WOBBLE spout strainers—Hamblin & Russell Mfg. Co., Worcester, Mass.
NOX rat traps—Abingdon Trap Co., Abingdon, Ill.
NOX-A-BUG insecticides—Peerless Stock Powder Co., Falls City, Nebr.
NO XAL metal & furniture polish—No Xal Polish Mfg. Co., 1238 Belmont av, Philadelphia, Pa.
NOX-ALL advertising novelties & specialties, grass catchers—Zittolsen Mfg. Co., Park & Dolman, St. Louis, Mo.
NOXALL annunciators—Electric Goods Mfg. Co., Canton, Mass.
NOXALL cleanouts—Crampton-Farley Brass Co., Kansas City, Mo.
NOXALL cultivators—Racine-Sattley Co., Springfield, Ill.
NOXALL denatured alcohol stoves—Quincy Foundry & Novelty Co., Quincy, Ill.
NOXALL hay presses—Collins Plow Co., Quincy, Ill.
NOXALL horse collars—J. B. Schott Saddlery & Mfg. Co., Quincy, Ill.
NOX-ALL metal polish—McLean-Jones Oil & Supply Co., 40 India Wharf, Boston, Mass.
NOXALL neck yokes, wagon spokes, singletrees—Lack Singletree Co., Paducah, Ky.
NOXALL packing—Boston Belting Corp., 84 Linden Park, Boston, Mass.
NOXALL stove pipe & elbow—A. Geisel Mfg. Co., 219 S. 2nd, St. Louis, Mo.
NOXALL water filters—American Filter Co., 665 Buffum, Milwaukee, Wis.
NOX-EM-ALL sheet packing—Boston Belting Corp., 84 Linden Park, Boston, Mass.
NOYES bolt heading machines—B. B. Noyes Co., Greenfield, Mass.
NOYES grapple forks—U. S. Wind Engine & Pump Co., Batavia, Ill.
NU-AIR ventilators—Milwaukee Corrugating Co., Milwaukee, Wis.

NUBIAC arc lamp globes—Holophane Glass Works of Gen. Elec. Co., Newark, Ohio
NUBIAN sheet packing & gaskets—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
NUBRITAIN trace carriers—North & Judd Mfg. Co., New Britain, Conn.
NUE dry batteries—Union Battery Co., Belleville, N. J.
NUERNBERGER-RETTIG type casting machines—Universal Type Making Machine Co., 732 Federal, Chicago, Ill.
NUGENT oiling devices—Wm. W. Nugent & Co., 146 W. Superior, Chicago, Ill.
NUGET babbitt metal—Cleveland Alloys Co., Elm & Superior, Cleveland, Ohio
NUGLOSS body polish—R. M. Hollingshead Co., Camden, N. J.
NUMA rock drill—Numa Rock Drill Sharpener Co., Salt Lake City, Utah
NO. 8 lawn swings—Goshen Churn & Ladder Co., Goshen, Ind.
NO. 4 corn planters—Parlin & Orendorff Co., Canton, Ill.
NO.-4-D-D medical batteries—Bunnell, J. H. & Co., 32 Park pl, New York
NO. 4 LOCK & SHIELD air valves—James P. Marsh & Co., 118 S. Clinton, Chicago, Ill.
NO. 41 walking listers—Kingman Pow Co., Peoria, Ill.
NUMBER NINE oil tanks—A. C. Kraft, 323 W. Lake, Chicago, Ill.
NO. 1, A.B.C.D.&E. screw plates—Morse Twist Drill & Machine Co., New Bedford, Mass.
NUMBER ONE belt dressing—Hudson Belting Co., 3 Eaton pl, Worcester, Mass.
NO. 118 UNIVERSAL side cutting pliers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
NO. 183 clothes pins—Wire Hardware Co., 6126 S. La Salle, Chicago, Ill.
NO. 6 alfalfa cutters—Wilder-Strong Implement Co., Monroe, Mich.
NO. 6 corn planters—Parlin & Orendorff Co., Canton, Ill.
NO. 6 DUPLEX air valves—Jas. P. Marsh & Co., 118 S. Clinton, Chicago, Ill.
NO. 124 MINERALIZED LARD OIL cutting & drilling compounds—American Oil Corp., Jackson, Mich.
NO. 63 terminal wrenches—Mathias Klein & Sons, 562 W. Van Buren, Chicago, Ill.
NUMBER TEN gasoline tanks—A. C. Kraft, 323 W. Lake, Chicago, Ill.
NUMBER TEN horse back bands—Couch Bros. Mfg. Co., Atlanta, Ga.
NO. 13 equalizers—Fort Madison Plow Co., Ft. Madison, Ia.
NO. 3 REVIVER floor finish—Butcher Polish Co., 356 Atlantic av, Boston, Mass.
NO. 1 lapping machines—Beach Mfg. Co., Little bldg, Boston, Mass.
NO. 2 calking cotton—Estes Mills, Fall River, Mass.
NO. 2 ELASTIC packing—Goetze Gasket & Packing Co., New Brunswick, N. J.
NO. 2 SUPERIOR illuminating overhead washers—Vehicle Specialty Co., Hartford, Conn.
NU PLAN prismatic glass—American Bar Lock Co., 26th & Penna. av, Phila., Pa.
NULITE incandescent vapor gas lamps—Nat'l Stamping & Elec. Wks, 424 S. Clinton, Chicago, Ill.
NUSTYLE sheet steel ceilings—Delphos Mfg. Co., Delphos, Ohio
NUTMEG bilge pumps—Wilcox, Crittenden & Co., Middletown, Conn.
NUTMEG snap & push switches—Hart & Hegeman Mfg. Co., Hartford, Conn.
NUTTER BARNES machinery & saw sharpeners—Greenfield Tap & Die Corp., Greenfield, Mass.
NUWAY garden barrows—Ross Bros. Co., 90 Front, Worcester, Mass.
NU WAY steel bins & tanks—Beatrice Steel Tank Mfg. Co., Beatrice, Nebr.
NU-WAY steel tanks—Beatrice-Dempster Mill Mfg. Co., Beatrice, Nebr.
NYE pipe threading dies, pipe vises, solid die stocks, wiping cloths & pipe vises—Nye Tool & Machine Works, 108 N. Jefferson, Chicago, Ill.
NYMPH brass engine lubricators—Wm. Powell Co., Cincinnati, Ohio
NYMPH garden hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
NYOIL typewriter oils—Wm. F. Nye, New Bedford, Mass.
NYOLL lawn mower oils—Wm. F. Nye, New Bedford, Mass.
NYTANDAY office door letters—Nytanday Letter & Design Co., 100 William, New York

O. boiler ejectors—Hayden & Derby Mfg. Co., 119 W. 40th, New York
O. pipe wrenches—Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
O. K. cars—Orenstein-Arthur Koppel Co., Koppel, Pa.
O. A. K. tool holders—O. K. Tool Holder Co., Shelton, Conn.
O.-B. rail bonds, porcelain insulators, valves, wire splicers, pressure regulators, water gauges, gauge cocks & union elbows—Ohio Brass Co., Mansfield, Ohio
O. C. LITTLE commutator compound, pulley covering—Onward Mfg. Co., Menasha, Wis.
O. D. back water & sewer gas valves—Jas. Barrett Mfg. Co., 117 Pearl, Boston, Mass.
O. H. FIN neck bolts—National Screw & Tack Co., Cleveland, Ohio
O.-H. one-piece stove pipes—E. M. Letts, Waverly, N. Y.
O. I. C. street flushing machines—O'Neil T. L. Implement Co., Marseilles, Ill.
O. I. C. valve discs—Ohio Injector Co., Wadsworth, Ohio
O. I. CO. valves—Ohio Injector Co., Wadsworth, Ohio
O. I. M. rubber packing—Home Rubber Co., Trenton, N. J.
O. J. C. clothes washing machines—H. F. Brammer Mfg. Co., Davenport, Ia.
O. K. animal traps, gopher traps, rat traps—Abingdon Trap Co., Abingdon, Ill.
O. K. barn cupolas—Phillip Bernard Co., Sioux City, Ia.
O. K. belt lacing—Hudson Belt Fastener Co., 149 Church, New York
O. K. card tables—E. T. Burrowes Co., Portland, Me.
O. K. cement—Oklahoma Portland Cement Co., Ada, Okla.
O. K. cement plaster—United States Gypsum Co., 205 W. Monroe, Chicago, Ill.
O. K. churns—Standard Churn Co., Wapakoneta, Ohio.
O. K. clothes washing machines—H. F. Brammer Mfg. Co., Davenport, Ia.
O. K. cotton mops—Estes Mills, Fall River, Mass.
O. K. dish drainers, fruit & vegetable parers—Hamblin & Russell Mfg. Co., Worcester, Mass.
O. K. dies, adjustable, adjustable expanding, automobile, bolt threading, machine or solid bolt screw cutting—Greenfield Tap & Die Corp., Greenfield, Mass.
O. K. door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
O. K. door hangers & unloaders—F. E. Myers & Bro., Ashland, Ohio
O. K. expansion bolts—Isaac Church, South Norwalk, Conn.
O. K. feed cutters—Geo. S. Comstock & Son, Mechanicsburg, Pa.
O. K. floor & ceiling plates—T. B. Cryer Co., 249 High, Newark, N. J.
O. K. friction clutches, friction clutch pulleys—O. K. Clutch & Machinery Co., Columbia, Pa.
O. K. gasoline engines—Lennox Machine Co., Marshalltown, Ia.
O-K guy anchors—St. Louis Malleable Casting Co., 7701 N. Conduit av, St. Louis, Mo.
O. K. harrow carts & shoveling & end gate boards—Peoria Drill & Seeder Co., Peoria, Ill.
O. K. harrows—Wm. Fetzer Co., Springfield, Ill.
O. K. hay fork pulleys—Hunt, Helm, Ferris & Co., Harvard, Ill.
O. K. hop furnaces—Munnsville Plow Co., Munnsville, N. Y.
O. K. hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
O. K. hot air registers—Wm. Highton & Sons Co., Nashua, N. H.
O. K. ice creepers—Norlund Mfg. Co., Williamsport, Pa.
O. K. incandescent gasoline lamps—Cole-Halstead Light & Sales Co., Los Angeles, Cal.
O. K. insulating compounds & spark plugs—Pettingell, Andrews Co., 166 Pearl, Boston, Mass.
O. K. lamp chimneys—Gill Bros. Co., Steubenville, Ohio
O. K. lathe tools, boring tools, thread cutting tools, tool posts—O. K. Tool Holder Co., Shelton, Conn.
O. K. letter openers & rubber erasers, paper fasteners—O. K. Mfg. Co., Syracuse, N. Y.
O. K. nail sets—West Haven Mfg. Co., West Haven, Conn.
O. K. pipe couplings—Lawrenceville Bronze Co., Bessemer bldg, Pittsburgh, Pa.
O. K. pipe hooks—Wm. Hammann, 1057 5th, Milwaukee, Wis.
O. K. portable table lamps—Cole-Halstead Light & Sales Co., Los Angeles, Cal.

O. K. potato diggers—A. B. Farquhar Co., York, Pa.
O. K. poultry fountains—Oakes Mfg. Co., Tipton, Ind.
O. K. roofing paints—Richmond Bros., 616 Main, Cincinnati, Ohio
O. K. sash pulleys—O. K. Mfg. & Stamping Co., 314 N. Holliday, Baltimore, Md.
O. K. shoe lasts & stands—Roanoke Iron & Bridge Wks, Inc., Roanoke, Va.
O-K sleet cutters—Electric Supplies Co., 17th & Cambria, Phila., Pa.
O. K. stump pullers, pitless scales—Scott Hay Press Co., Kansas City, Mo.
O. K. tire bolt wrenches—Stanley Rule & Level Co., New Britain, Conn.
O. K. weatherproof wire—Phillips Wire Co., Pawtucket, R. I.
O. K. window cleaners—F. H. Smith Mfg. Co., 3047 Carroll av, Chicago, Ill.
O. K. wire floor clips—Chicago Builders' Specialty Co., Old Colony bldg, Chicago, Ill.
O. K. CHAMPION potato planters, potato sprayers, potato diggers, potato cutters—Champion Potato Machine Co., Hammond, Ind.
O. K. D. blow-off valves—Engineers' Specialty Co., 333 S. Dearborn, Chicago, Ill.
O. K. HARRY binder covers, steel corn cribs—O. K. Harry Steel Co., 2333 Papin, St. Louis, Mo.
O. K. HOLLAND peat moss—Atkins & Durbrow, 157 Water, New York
O. K. UNDERWRITERS cotton hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
OKEH infants' hosiery—Okeh Hosiery Mills, Lemoyne, Pa.
O. M. gasoline engines—Ottumwa-Moline Engine & Pump Co., Ottumwa, Ia.
O. M. C. alumishine polish—Orona Mfg. Co., 224 Milk, Boston, Mass.
O. N. T. spool cotton—Clark Thread Co., Clark, Newark, N. J.
O. P. metal polish—Opie J. W. Brush Co., Kansas City, Mo.
O. R. C. wood hay tedders—Ohio Rake Co., Dayton, Ohio
O. S. shutter hinges—Wrightsville Hardware Co., Wrightsville, Pa.
O. W. pipe hangers—L. A. Carpenter Press Metal Co., Cambridge, Mass.
O. & G. lubricating oils & greases—Oil & Grease Co. of America, 261 B'way, New York
OAK padlocks—Slaymaker Lock Co., Lancaster, Pa.
OAK-A-NITE sanitary flooring—Ford Mfg. Co., 2339 La Salle, Chicago, Ill.
OAKEN cattle guards—Kalamazoo Railway Supply Co., Kalamazoo, Mich.
OAK HORSE wood pails & buckets—Buckeye Churn Co., Sidney, Ohio
OAKITE rust preventives, cutting, drilling & polishing compounds—Oakley Chemical Co., 22 Thames, New York
OAKLAND pruning shears—Smith, Seymour & Son, Oakville, Conn.
OAKLAND stoves—North Dighton Co-operative Stove Co., North Dighton, Mass.
OAKWOOD paste, salts & liquid soldering—Weaver Specialty Co., Pittsburgh, Pa.
OAKWOOD stoves—Pittston Stove Co., Pittston, Pa.
OAMCO electric desk lights, electric lamp hoods, electric lighting systems—Overbagh & Ayres Mfg. Co., 411 S. Clinton, Chicago, Ill.
OBELISK rubber lined cotton hose—Goodyear Rubber Co., 539 Mission, San Francisco, Cal.
OBLIQUE TOOTH garden rakes—Standard Auger Co., 57 W. 34th, Chicago, Ill.
OBLONG PLATE bed & furniture casters—Universal Caster & Foundry Wks, 574 Ferry, Newark, N. J. See The Bossick Co., Bridgeport, Conn.
O'BRIEN calcining, wasting & smelting furnaces—Penn Fdry & Mfg. Co., Reading, Pa.
O'BRIEN farm wagons—Indiana Wagon Co., Lafayette, Ind.
O'BRIEN fire bell ringers—Walsh Safety Lock Snap Co., Bellevue, Ohio
O'BRIEN lead melting furnaces—A. P. Smith Mfg. Co., East Orange, N. J.
O'BRIEN rail insulating joints—Q. & C. Co., 90 West, New York
O'BRIEN varnish—O'Brien Varnish Co., South Bend, Ind.
O'BRIEN-HAWLEY smokeless furnaces — John O'Brien Boiler Works Co., St. Louis, Mo.
OBSTITCH belting—Mount Vernon Belting Co., 333 Warren av, Baltimore, Md.
OCEANA marine varnishes — Standard Varnish Works, 2589 Richmond ter., Elm Park, N. Y.
OCEANIC kitchen enameled ware—Strong Mfg. Co., Sebring, Ohio
OCEAN WAVE washing machines—Voss Bros. Mfg. Co., Davenport, Ia.
O-CEDAR floor & furniture polish & mops—Channell Chemical Co., 1419 Carroll av, Chicago, Ill.
OCO piano hinges—Oakville Co., Waterbury, Conn.
O'CONNOR collapsible steel centering—Hartford Construction Iron Wks, Hartford, Conn.
OCTA PITT unions—Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
OCTA PENN unions—Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
OCTIGAN horse shoes—Octigan Drop Forge Co., 2428 Lowe av, Chicago, Ill.
ODEE gas engines—Kemper-Odee Engine Co., Albert Lea, Minn.
ODELL safety razors & safety razor blade sharpening machines—Odell Mfg. Co., 343 S. Dearborn, Chicago, Ill.
ODENKIRK switchstands—Cleveland Railway Supply Co., Cleveland, Ohio
ODIN gas soldering furnaces—Odin Stove Mfg. Co., Erie, Pa.
ODINOID packing—Thermoid Rubber Co., Trenton, N. J.
ODOZONE disinfectants—H. D. Mann Co., 124 N. Warren, Syracuse, N. Y.
OFFICIAL mouse & rat traps—Oneida Community (Ltd.), Oneida, N. Y.
OGDEN INDUSTRIAL folding doors—J. Edward Ogden Co., 147 Cedar, New York
OGLESBY blue granite—Oglesby Granite Co., Elberton, Ga.
OHIO crucible, & laboratory porcelain specialties—Ohio Pottery Co., Zanesville, Ohio
OHIO cultivators, cotton planters, harrows, hay presses, plow coulters—Ohio Cultivator Co., Bellevue, Ohio
OHIO engines—Griffith & Wedge Co., Zanesville, Ohio
OHIO cutters & silo filters—Silver Mfg. Co., Salem, Ohio
OHIO harrows & pulverizers, hay loaders, hay rakes—Ohio Rake Co., Dayton, Ohio
OHIO hot air furnaces—Bennett Furnace Co., 6531 Euclid av, Cleveland, Ohio
OHIO hot air furnaces—Columbus Heating & Ventilating Co., Columbus, Ohio
OHIO injectors, lubricators—Ohio Injector Co., Wadsworth, Ohio
OHIO lifting magnets—Ohio Electric & Controller Co., 5900 Maurice av, Cleveland, Ohio
OHIO lubricating oils & greases, commutator compounds—Ohio Grease Co., Loudonville, Ohio
OHIO mail boxes—Deshler Mail Box Co., Deshler, Ohio
OHIO metal phosphor bronze ingots—Whitaker, Glessner Co., Portsmouth, Ohio
OHIO metal shaping machines, planing machines—Ohio Machine Tool Co., Kenton, Ohio
OHIO mop wringers, garden hose reels—Cardington Cabinet Co., Cardington, Ohio
OHIO oil cans, railway lanterns—Ohio Lantern Co., Tiffin, Ohio
OHIO road machines, wagon dump boxes—Ohio Road Machinery Co., Oberlin, Ohio
OHIO rubber tires, inner automobile tubes—Mansfield Tire & Rubber Co., Mansfield, Ohio
OHIO screw drivers, expansive bits, box scrapers, spokeshaves—Ohio Tool Co., Charleston, W. Va.
OHIO steam heaters—J. H. McLain Co., Canton, O.
OHIO steel ranges—Tinnerman Stove & Range Co., Cleveland, Ohio
OHIO storage batteries—Weisenborn Electric Co., 14 N. Franklin, Chicago, Ill.
OHIO table oilcloth racks—Banner Machine Co., Columbiana, Ohio
OHIO 40 bean & pea planters—Ohio Rake Co., Dayton, Ohio
OHIO 41 C. & C. bean & pea planters—Ohio Rake Co., Dayton, Ohio
OHIO CHAMPION hay-sulky rakes—Ohio Rake Co., Dayton, Ohio
OHIO EXTRA auger bits—Ohio Tool Co., Charleston, W. Va.
OHIO STANDARD ensilage cutters—Silver Mfg. Co., Salem, Ohio
OHIO TINC portable vacuum cleaners—United Electric Co., Canton, Ohio
OHMLAC electric cable compounds, acid tank lining compounds—Ohmlac Mfg. Co., 443 S. Dearborn, Chicago, Ill.
OHMLAC insulating varnishes—Emil Calman & Co., 100 William, New York
OIL CITY dumping wagons—Kramer Wagon Co., Oil City, Pa.
OIL CITY portable hot water heaters—Wm. Earley, 1216 Ridge av, Phila., Pa.

OIL CITY steam heaters—Oil City Boiler Works. Oil City, Pa.
OILDAG graphite lubricants—Acheson Graphite Co., Niagara Falls, N. Y.
OILDAG graphite lubricants—Acheson Oldag Co., Port Huron, Mich.
OIL KING tractors—Hart-Parr Co., Charles City, Ia.
OIL OF GLADNESS dusters, dustless dust cloths, mops, polish—Dunlap Mfg. Co., Bloomington, Ill.
OIL-PULL traction engines—Advance-Rumely Co., La Porte, Ind.
OILZUM lubricating oils & greases—White & Bagley Co., Worcester, Mass.
OILTURN gasoline & oil engines—Advance-Rumely Co., La Porte, Ind.
OKADEE water gauges—Okadee Co., 14 E. Jackson blvd., Chicago, Ill.
OKO BRAND round belting—F. Raniville Co., Grand Rapids, Mich.
OKOLITE shoe blacking & polishes—Buckard Blacking & Oil Co., 1322 Greenmount av, Baltimore, Md.
OKONITE insulated wires & cables—Okonite Co., 501 5th av, New York.
OLD ABE lamp black—Bihn & Wolff Co., Bridesburg, Phila., Pa.
OLD ALTON mining tools—Beall Bros., Alton, Ill.
OLD CROW mechanical rubber, rubber packing—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio
OLD DOCTOR ice picks—Edw. Parkinson Mfg. Co., 84 Sprague, Providence, R. I.
OLD DOMINION cement—Virginia Portland Cement Co., Allentown, Pa.
OLD DOMINION gaskets for flanges, valves & fittings, packing mfrs. & sheet packing—Dominion Asbestos & Rubber Corp., 154 Nassau, New York
OLD DOMINION vapor heating system—Virginia School Supply Co., 2000 Marshall, Richmond, Va.
OLD DUTCH CLEANSER compounds—Cudahy Packing Co., 111 W. Monroe, Chicago, Ill.
OLD ENGLISH hard wax floor polish—A. S. Boyle & Co., 1940 Dana av, Cincinnati, Ohio
OLD ENGLISH kitchen enameled ware—Republic Stamping & Enameling Co., Canton, Ohio
OLD ENGLISH metallic roofing tile, metallic shingles—Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
OLD FAITHFUL lumber—Hemlock Mfrs., Oshkosh, Wis.
OLDHAM brazing compounds—Joshua Oldham & Sons, 112-26th, Brooklyn, N. Y.
OLD HAMPSHIRE bond typewriter paper—Hampshire Paper Co., So. Hadley Falls, Mass.
OLD HICKORY baseball bats—Edw. K. Tryon Co., 611 Market, Phila., Pa.
OLD HICKORY belt dressing—W. S. Nott Co., 2nd av N. & 3rd, Minneapolis, Minn.
OLD HICKORY dumping wagons—Kentucky Wagon Mfg. Co. Louisville, Ky.
OLD HICKORY fibre—Nat'l Fibre & Insulation Co., Yorklyn, Del.
OLD HICKORY garden & lawn rakes—Pratt Fork & Hoe Corp., Frankfort, N. Y.
OLD OAK padlocks—Slaymaker Lock Co., Lancaster, Pa.
OLD RELIABLE dredge, hoist & steam shovel chains—Hayden-Corbett Chain Co., Columbus, Ohio
OLD RELIABLE gasoline blow torches—Turner Brass Works, Sycamore, Ill.
OLD RELIABLE hand corn planters—Sheffield Mfg. Co., Burr Oak, Mich.
OLD RELIABLE parchment paper—Wm. Mann Co., 529 Market, Phila., Pa.
OLD RELIABLE pipe joint cements—Callahan, Geo. & Co., 218 Front, New York
OLD RELIABLE tractors—Hart-Parr Co., Charles City, Ia.
OLD RELIABLE Union counter scales—Jones of Binghamton (Inc.), Binghamton, N. Y.
OLD SOL automobile headlights, projectors, lamps—Hawthorne Mfg. Co., Bridgeport, Conn.
OLD STANDARD lamp black—L. Martin Co., 81 Fulton, New York
OLDS gasoline engines—Advance-Rumely Co., La Porte, Ind.
OLEITE sheet packing—Advance Packing & Supply Co., 11-15 N. Franklin, Chicago, Ill.
OLE OLSEN wood lawn rakes—Piqua Handle & Mfg. Co., P. O. Box, 307, Piqua, Ohio
OLIN gas engines—Olin Gas Engine Co., Buffalo, N. Y.
OLIO water closets—Central Metal & Supply Co., 611 E. Lombard, Baltimore, Md.
OLIVE CREAM cotton softeners—E. F. Houghton & Co., 240 W. Somerset, Phila., Pa.
OLIVER centrifugal & vacuum pumps, compressors & filters—Oliver Continuous Filter Co., 503 Market, San Francisco, Cal., & 299 Madison av, New York
OLIVER grindstone boxes & frames, saw benches & tables, saw gauges, saw guards, saw mandrels, rip saw machines, manual training benches, oil & water stones—Oliver Machinery Co., Grand Rapids, Mich.
OLIVER jacks—Oliver Mfg. Co., 326 S. Desplaines, Chicago, Ill.
OLIVER plows, clod crushers, cultivators, corn planters, spring tooth harrows—Oliver Chilled Plow Works, South Bend, Ind.
OLO SOFFENE cotton softeners—Bosson & Lane, Atlantic, Boston, Mass.
OLOTAN round belting—F. Raniville Co., Grand Rapids, Mich.
OL-SE-CO. polishing cloths—Saponol Chemical Co., 130th & Park av, New York
OLSEN'S mine cages—Eagle Iron Works, Des Moines, Ia.
OLSON truck units—Swedish Crucible Steel Co., Detroit, Mich.
OLYMPIA screen door hinges—Champion Hardware Co., Geneva, Ohio
OLYMPIA packing—C. W. Trainer Mfg. Co., 55 High, Boston, Mass.
OLYMPIC automobile horns—Electric Spark Appliance Co., 140 Imlay, Brooklyn, N. Y.
OMACO shades & reflectors—Overbagh & Ayres Mfg. Co., 411 S. Clinton, Chicago, Ill.
OMAHA lead pipe—Lawrence Shot & Lead Co., Omaha, Nebr.
OMALA bath room fixtures—Galard Co., 335-6th av, Newark, N. J.
OMEGA crayons—Standard Crayon Mfg. Co., Danvers, Mass.
OMEGA cream separators—Reliance Engineering Co., Lansing, Mich.
OMEGA packing—Cooley Mfg. Co., 98 Park pl, New York
OMEGA rubber bottles, rubber syringes—Parker, Stearns & Co., 286 Sheffield av, Brooklyn, N. Y.
OMEGO air valves—Harlem Mfg. Co., 518 W. 55th, New York
OMEGO power mills—C. S. Bell Co., Hillsboro, Ohio
OMY polishing cloths—G. V. Sales Co., 132 Nassau, New York
1a-1a resistance wire—H. Boker & Co., 101 Duane, New York
199 C. W. fire resisting paints—Toch Bros., 320-5th av, N. Y. C.
100 per cent rail joints—Rail Joint Co., 61 B'way, New York
ONEIDA animal traps—Peck, Stowe & Wilcox Co., Southington, Conn.
ONEIDA automobile horns—Electric Horn & Specialty Co., Utica, N. Y.
ONEIDA drill chucks—Westcott Chuck Co., Oneida, N. Y.
ONEIDA steel split pulleys—Dodge Sales & Engng. Co., Oneida, N. Y.
ONEIDA wood split pulleys—Oneida Wood Pulley Co., Oneida, N. Y.
O'NEIL pipe calking machines—A. P. Smith Mfg. Co., East Orange, N. J.
O'NEILL electric cable hangers, insulated hooks—Pettingell-Andrews Co., 166 Pearl, Boston, Mass.
O'NEILL flue cutters—Columbia Chuck & Tool Co., 140 S. Dearborn, Chicago, Ill.
O'NEILS boiler compounds—O'Neil Oil & Paint Co., So. Water, Milwaukee, Wis.
ONE DROP oil cans—A. F. Meisselbach & Bros., 29 Congress, Newark, N. J.
ONE LOCK adjustable reamers—More Twist Drill & Machine Co., New Bedford, Mass.
ONE MAN stump pullers—A. J. Kirstin Co., Escanaba, Mich.
ONE MINUTE clothes washing machines—Morris Mfg. Co., El Reno, Okla.
ONE MINUTE photograph machines—Chicago Ferrotype Co., 1455 W. Congress, Chicago, Ill.
ONE MINUTE post hole diggers—Osmundson Spade Mfg. Co., Perry, Ia.
ONE MINUTE waste paper baling presses—Lubbers & Bell Mfg. Co., Clinton, Iowa
ONE OUNCE MISTRY spray nozzles—Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y.
ONE PIECE stop bead screws—National Mfg. Co., Sterling, Ill.
ONE TWIST mop wringers—Sanitary Stamped Wares & Specialties Co., 415 W. B'way, New York
ONE-WAY hay carriers—Hunt-Helm Ferris & Co., Harvard, Ill.

ON IN A MINUTE upholstered chair seats—Economy Seat Co., Inc., 915 W. 31st, Chicago, Ill.
O-NI-DA chains—Oneida Chain Co., Oneida, N. Y.
ONION SKIN carbon paper—American Ribbon & Carbon Co., Rochester, N. Y.
ONLIWON toilet paper holders—A P. W. Paper Co., Albany, N. Y.
ONLY band saw filing & setting machines—Black Diamond Saw & Machine Works, Natick, Mass.
ONLY can openers, knife sharpeners—American Cutlery Co., 764 Mather, Chicago, Ill.
ONLY paper fasteners—West Mfg. Co., 58 N. 2d, Phila., Pa.
ONLY PERFECT egg & cream beaters—Hollow Cable Mfg. Co., Hornell, N Y.
ONLY WAY cultivators—Racine-Sattley Co, Springfield, Ill.
ONOKO babbit metal—H. Channon Co., 150 N. Market, Chicago, Ill.
ONOKO sprinkler hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
ONONDAGA tobacco transplanters—Nagley Mfg. Co., Lyons, N. Y.
ONTABLE lever presses — Chas. Leffler & Co., 59 Clymer, Brooklyn, N. Y.
ONWARD sliding furniture shoes—Onward Mfg Co., Menasha, Wis
ONYX kitchen enameled ware—Columbian Enameling & Stamping Co., Terre Haute, Ind.
OPAKE draughting inks—Taylor Bros. Co., 706 Superior av, N. W., Cleveland, Ohio
OPAL window screen wire cloth—New York Wire Cloth Co., Woolworth bldg, New York
OPAL GLOSS varnish—D. B. Crockett Co., Bridgeport, Conn.
OPALITE glass tile—Opalite Tile Co., Monaca, Pa.
OPALUX glass shades—Opalux Co., 200 5th av, New York
OPEN DOOR rat traps—Bumann Mfg. Co., Litchfield, Ill.
OPEN DOOR silos—Vesper Wood Mfg. Co., Vesper, Wis.
OPLEX wall coffee mills—Buckeye Stereopticon Co., Cleveland, Ohio
OPTIMUS electro plating dynamos—Munning-Loeb Co., Matawan, N. J.
OPTIMUS paint—Keystone Paint & Filler Co., Muncy, Pa.
ORAM'S bung hole borers & barrel hoop driving machines—John S. Oram Co., Cleveland, Ohio
ORANGE lawn mowers—S. P. Townsend & Co., Orange, N. J.
ORANGEVILLE spring tooth harrows—J. W. Conner & Son, Orangeville, Pa.
ORCHARD insecticide dusters—Leggett & Bro., 301 Pearl, New York
ORCHARD sulky hay rakes—Thomas Mfg. Co., Springfield, Ohio
ORCHID lawn mowers—Supplee-Biddle Hardware Co., 510 Commerce bldg., Phila., Pa.
OREGON ash cans—Abbott Hardware Co., 636 Columbus av, New York
O'REILLY natural gas burners—M. J. O'Reilly, 217 Franklin, Buffalo, N. Y.
ORGOBLO organ blowers—Organ Power Co., Hartford, Conn.
O-RIB-O water coolers—Briscoe Mfg. Co., Woodward & Baltimore avs, Detroit, Mich.
ORIENT faucet cans—Sexton Can Co., 228 Franklin, Boston, Mass.
ORIENT garden hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
ORIENT picture hooks—Forsyth Metal Goods Co., East Aurora, N. Y.
ORIENTAL rouge—Oriental Rouge Co., Bridgeport, Conn.
ORIENTAL stucco—Monument Plaster Co., Harrison, N. J.
ORIGINAL air valves—James P. Marsh & Co., 118 S. Clinton, Chicago, Ill.
ORIGINAL Brammer clothes washing machines—H. F. Brammer Mfg. Co., Davenport, Ia.
ORIGINAL fish spears—Bonafide Mfg. Co., Plymouth, Mich.
ORIGINAL measuring spoons—Landers, Frary & Clark, New Britain, Conn.
ORIGINAL-BLACK sheet packing—Home Rubber Co., Trenton, N. J.
ORIGINAL-PAYNE'S gas & water tapping machines—Hays Mfg. Co., Erie, Pa.
ORIGINAL REFLUX vacuum traps—Jas. P. Marsh & Co., 118 S. Clinton, Chicago, Ill.
ORIOLE belt lacing—J. B. Williams & Sons, Dover, N. H.
ORIOLE children's carriages—Withrow Mfg. Co., 2727 Spring Grove av, Cincinnati, Ohio
ORIOLE gas stoves—Baltimore Gas Appliance & Mfg. Co., Bayard & Hamburg, Baltimore, Md.
ORIOLE kitchen enameled ware—Baltimore Stamping & Enameling Co., 909 E. Pratt, Baltimore, Md.
ORIOLE marine engines—Page Engineering Co., Clagett & Hull, Baltimore, Md.
ORIOLE tinners' oils—Jas. B. Macneal & Co., Warner & Wooster, Baltimore, Md.
ORIOLE W. P. cotton rope—Anniston Cordage Co., Anniston, Ala.
ORMA fruit evaporators—Stutzman Mfg. Co., Ligonier, Ind.
ORME safety valves—Stephens, Roe Mfg. Co., Detroit, Mich.
ORONOKO roofing, sheathing & building—C. B. Hewitt & Bros., 49 Beekman, New York
OROOFS rubber roofing—Usona Mfg. Co., Aurora, Ill.
ORSAT gas analysis apparatus—Eimer & Amend, 205 3d av, New York
ORSAT gas analysis apparatus—Emil Greiner Co., 55 Fulton, New York
ORTHOPEDIC rubber heels—Foster Rubber Co., 105 Federal, Boston, Mass.
OSBORN brick drills—Irving Mfg. & Tool Co., 157 Chambers, New York
OSBORN steam pumps—Virginia Foundry & Machine Co., Virginia, Minn.
OSBORNE binder twine—International Harvester Co. of America (Inc.), Harvester bldg, Chicago, Ill.
OSBORNE binder & harvesters, cultivators, harrows, hay loaders, hay rakes, mowers, reapers, sickel grinders—International Harvester Company of America, Inc., Harvester bldg, Chicago, Ill.
OSBORN foundry molding machines, flask stripping machines—Cleveland Osborn Mfg. Co., 5401 E. Hamilton av, Cleveland, Ohio
OSBORNE meat juice presses—C. S. Osborne & Co., Harrison, N. J.
OSBORN'S high speed steel—B. M. Jones & Co., 141 Milk, Boston, Mass.
OSCILLATOR mop wringers—Cardington Cabinet Co., Cardington, Ohio
OSCILLATORS vacuum washing machines—Kiel Mfg. Co., Albert Lea, Minn.
O'SHAUGHNESSY fish hook—Redifor Rod & Reel Co., Warren, Ohio
OSHKOSH concrete mixers, gas engines, portable sawing rigs, etc.—Ransome-Leach Co., 115 B'way, New York
OSHKOSH logging tools—American Logging Tool Co., Evart, Mich.
OSMAN check valves—Swenson Valve Co., Decorah, Ia.
OSPRAYMO LINE sprayer pumps—Field Force Pump Co., Elmira, N. Y.
OSSCO gas stoves, kitchen cabinets—Ohio State Stove Co., Columbus, Ohio
OSTEGO feed cutters, fruit evaporators—Babcock Mfg. Co., Leonardsville, N. Y.
OSTER rachet stock & dies—Oster Mfg. Co., Cleveland, Ohio
OSWEGO paper cutting machines & die cutting presses—Oswego Machine Works, Oswego, N. Y.
OSWEGO water tube boilers—A. D. Granger Co., 15 Park Row, New York
O-TAK-A tire remover tools—J. W. Crumiaux, Leroy, N. Y.
OTHELLO hot air furnaces—Reading Stove Wks (Orr, Painter & Co.), Reading, Pa.
OTIS automobile car heating & vaporizing boiler—Otis Boiler Co., Inc., 335 West First, Oswego, N. Y.
OTIS car heating boilers—Steam Carriage Boiler Co., Oswego, N. Y.
OTIS elevators, moving stairways, gravity conveyors—Otis Elevator Co., 26th & 11th av, New York
OTIS feed water heaters—Stewart Heater Co., Buffalo, N. Y.
OTOL canned goods—Otol Food Products Co., Nebraska City, Nebraska.
OTSEGO cultivators, potato diggers, lawn swings, steel tray barrows—Babcock Mfg. Co., Leonardsville, N. Y.
OTSEGO spring tooth harrows—Munnsville Plow Co., Munnsville, N. Y.
OTTER waterproof belting—American Belting & Tanning Co., 135 Oliver, Boston, Mass.
OTTO inspection cars—Otto Gas Engine Works, Phila., Pa.
OTTOMAN emery & corundum—H. A. Stiles & Co., 93-97 Oliver, Boston, Mass.
OTTOMATIC coal chutes—Church Appliance Mfg. Co., La Salle, Ill.
OTTOMO lubricating oils & greases—Pioneer Mfg. Co., Harvard av & E. 103d, S. E., Cleveland, Ohio

OTT'S bark shaving mills—Benj. Otto & Sons Co., La Crosse, Wis.
OTTUMWA mine screens—Ottumwa Box Car Loading Co., Ottumwa, Ia.
OTTUMWA sash pulleys—Johnston & Sharp Mfg. Co., Ottumwa, Ia.
OUR FAVORITE steam heaters—R. C. Bartley Co., Bartley, N. J.
OUR HOME hot air furnaces—Hood Furnace & Supply Co., Corning, N. Y.
OUR LEADER package handles—Tie Co., Unadilla, N. Y.
OUR OWN fish landing nets—A. F. Meisselbach & Bros., 29 Congress, Newark, N. J.
OUR PRIDE hoof parers—Champion Tool Co., Meadville, Pa.
OUTDOOR collars & cuffs—Arlington Works (E. I. du Pont de Nemours & Co.), 21 E. 40th, New York
OUTERSITE metal mouldings—Union Metal Corner Co., 18 Heath, Boston, Mass.
OUT-OF-SIGHT lawn clothes dryers—Seed Filter & Mfg. Co., 73 Franklin, New York
OVALDUC conduit fittings, locknut bushings—Steel City Elec. Co., 1207 Columbus av, Pittsburgh, Pa.
OVALDUCT outlet bushings—Steel City Electric Co., 1207 Columbus av, Pittsburgh, Pa.
OVALPOLE sheet packing—Hollow Center Packing Co., 608 S. Dearborn, Chicago, Ill.
OVENDENS radiator foot rests—Central Supply Co., Worcester, Mass.
OVERSHOT separators—J. W. Conner & Son, Orangeville, Pa.
OWATONNA churns—Leo Rumley Tractor Co., La Porte, Ind.
OWATONNA fanning mills—Owatonna Fanning Mill Co., Owatonna, Minn.
OWEGO farm wagons—Champion Wagon Co., Owego, N. Y.
OWEN dredging & excavating buckets—Owen Bucket Co., Rockefeller bldg, Cleveland, Ohio
OWEN valve grinders—Stewart & Co., 24 Broadway, New York
OWENS fanning mills—Griffith & Turner Co., 215 N. Paca, Baltimore, Md.
OWENSBORO shovels, spades & scoops—Owensboro Shovel & Tool Co., Owensboro, Ky.
OWL cement—German-American Portland Cement Works, La Salle, Ill.
OWL grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
OWL BRAND furniture polish—Leggett & Bros., 301 Pearl, New York
OWL BRAND saddlery hardware—Elbel Co., Canton, Ohio
OWN BRAND kitchen knives—L. D. Parkhurst, Danielson, Conn.
OWNERS spark coils—Autocoil Co., 136-7th, Jersey City, N. J.
OX FIBRE horse brushes & push brooms, stove brushers—Ox Fibre Brush Co., Frederick, Md.
OXFORD metal polish—Crowell Chemical Co., Beverly, Mass.
OXFORD spring tooth harrows—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
OXILUM lead burning outfits—Cox Brass Mfg. Co., Albany, N. Y.
OX-OIL-OX belt dressing—F. S. Walton Co., Orthodox & Delaware, Philadelphia, Pa.
OXOLIN paint oils—Ball Chemical Co., Fulton bldg, Pittsburgh, Pa.
OXYOLINE ozone generators—Neel-Armstrong Co., Akron, Ohio
O Y L-R Y T measures, funnels—A. C. Kraft, 323 W. Lake, Chicago, Ill.
OZARK gas & oil stove ovens—A. Geisel Mfg. Co., 219 S. 2nd, St. Louis, Mo.
OZARK hammer handles—American Handle Co., Jonesboro, Ark.
OZARK walking & riding cultivators—Kingman Plow Co., Peoria, Ill.
OZITE insulating compounds—Standard Underground Cable Co., Pittsburgh, Pa.
OZONE baking enamels—Chase, Roberts & Co., Long Island City, N. Y.
OZONE ventilating apparatus—Neel, Armstrong Co., Akron, Ohio
OZONITE varnish—Chase, Roberts & Co., West av, Long Island City, N. Y.

P manila rope—Portland Cordage Co., 14th & Northrup, Portland, Ore.
P. muffler valves—J. E. Lonergan Co., 211 Race, Phila., Pa.
P. A. T. iron & steel roofing—Cincinnati Sheet Metal & Roofing Co., 226 E. Front, Cincinnati, Ohio
P. B. drinking fountains—Peck Bros. & Co., New Haven, Conn.
PB farm wagons—Patterson Mfg. Co., Holly, Mich.
P. B. H. gauge cocks & water gauges—Paul B. Huyette Co., 5 S. 18th, Phila., Pa.
P. B. W. expansion ring couplings—Pioneer Brass Works, Indianapolis, Ind.
P. C. W. window anti-rattlers—P. C. W. Mfg. Co., York, Pa.
P. D. Q. valve grinding compounds—Motor Car Equipment Co., 55 Warren, New York
P. D. Q. C. pipe cutting & threading machines—Bignall & Keeler Machine Works, Edwardsville, Ill.
P. J. F. stop & waste cocks—P. J. Flannery Co., New Britain, Conn.
P.-K. expansion joints—P.-K. Engineers, Syndicate Trust bldg, St. Louis, Mo.
P. K. incandescent cut-outs—H. T. Paiste, Arch & 32nd, Phila., Pa.
P. P. P. ring packing—Quaker City Rubber Co., 629 Market, Phila., Pa.
P R WEATHERPROOF electric bells—P R Mfg. Co., Detroit, Mich.
P. S. tap wrenches, spanner wrenches—Page Storms Drop Forge Co., Chicopee, Mass.
P. S. & W. tinners' snips & solid handle wrenches—Peck, Stow & Wilcox Co., Southington, Conn.
P. S. W. engineers' & machinists' wrenches, solid handle—Peck, Stowe & Wilcox Co., Cleveland, O.
P. S. & W. SAMSON bit braces & take-down squares—Peck, Stow & Wilcox Co., Southington, Conn.
P. T. BERG hot metal cars—Pollock, Wm. B. Co., Youngstown, Ohio
P. Y. flexible metallic conduits—C. S. Knowles, Boston, Mass.
P. & A. tar extractors—Isbell-Porter Co., 46 Bridge, Newark, N. J.
P. & B. insulating paints, compounds, varnishes & tape—Standard Paint Co., 233 Broadway, New York
P. & C. asbestos packed valves, ammonia gauges, & fire hydrants—Pratt & Cady Co., Hartford, Conn.
P. & O. plows, cultivators, clod crushers, corn planters, harrows, potato diggers—Parlin & Orendorff Co., Canton, Ill.
P. & M. rail anchors, rail anti-creepers—P. & M. Co. (The), 80 E. Jackson blvd, Chicago, Ill.
P. & S. weatherproof sockets, pendant switches, attachment plugs, receptacles, transformer cut-outs, switch boxes & electric rosettes—Pass & Seymour, Solvay, N. Y.
PACEMAKER belting & rubber hose—Cincinnati Rubber Mfg. Co., Franklin av, Cincinnati, Ohio
PACE-MAKER belting—Olmstead-Flint Co., 32 Water, Lawrence, Mass.
PACE MAKER gas engines—Temple Mfg. Co., 22nd & S. 54th, Chicago, Ill.
PACIFIC air valves—James P. Marsh & Co., 118 S. Clinton, Chicago, Ill.
PACIFIC automobile towing ropes—Wm. P. Jones, Oakland, Cal.
PACIFIC coal drills—D. D. Demarest Co., San Francisco, Cal.
PACIFIC lawn sprinklers—American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
PACIFIC powder hand seed sowers—Whitman Agricultural Works Co., 7000 S. Broadway, St. Louis, Mo.
PACIFIC rubber hose—Voorhees Rubber Mfg. Co., 218 Bostwick av, Jersey City, N. J.
PACIFIC sad irons—Edison Electric Appliance Co., Inc. (Hotpoint Div.), 5600 W. Taylor, Chicago, Ill.
PACIFIC safety fuse—du Pont de Nemours & Co. (E. I.), Wilmington, Del.
PACKARD cable rubber—Packard Electric Co., Warren, Ohio
PACKARD incandescent electric lamps—Packard Lamps Works of G. E. Co., Warren, Ohio
PACKARD lubricating oils & greases—Puritan Oil Co., 1244 W. 70th, Cleveland, Ohio
PACKER ratchet drills—A. R. King Mfg. Co., Kingston, N. Y.
PACKER ratchet drills—Lovejoy Tool Works, 319 W. Ohio, Chicago, Ill.
PACKHAM stove & conductor pipe crimpers—Packham Crimper Co., Mechanicsburg, Ohio
PADDOCK water filters—Atlantic Filter Co., Marine National Bank bldg, Buffalo, N. Y.
PAGE belt dressing—Walter C. Gold, 235 Race, Phila., Pa.
PAGE dredging & excavating buckets—John W. Page, 189 W. Madison, Chicago, Ill.
PAGE dumping cars—American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
PAGE scraper buckets—Page Engineering Co., 189 W. Madison, Chicago, Ill.

PAGE valve fixtures—American Valve & Meter Co., Cincinnati, Ohio
PAGE wall ties & wire stretchers, handy panels, fence anchors—Page Steel & Wire Fence Co., Adrian, Mich.
PAGE SECTIONAL steam heaters—Wm. H. Page Boiler Co., 141 W. 36th, New York
PAHLOW hose couplings—Geo. N. Newhall Eng. Co., 1421 Chestnut, Phila., Pa.
PAINE expansion bolts—Paine Co., 140 S. Dearborn, Chicago, Ill.
PAKRING metal packing—Locomotive Finished Material Co., Atchison, Kan.
PAGRIP metal moulding—Appleton Electric Co., 230 N. Jefferson, Chicago, Ill.
PALACE door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
PALACE radical gas heaters—Lawson Mfg. Co., Homestead, Pa.
PALACE KING hot air furnaces—International Heater Co., Utica, N. Y.
PALACELITE kerosene oils—Great Western Oil Co., 2846 E. 37th, Cleveland, Ohio
PALACE QUEEN hot air furnaces—International Heater Co., Utica, N. Y.
PALETTE BRAND bath room fixtures, coat hooks, tumbler holders—Searls Mfg. Co., 29 Mulberry, Newark, N. J.
PALMER cast iron cleanouts, sewer traps, back water valves—Advance Mfg. Co., Erie, Pa.
PALMER lime—Palmer Lime & Cement Co., 103 Park av, New York
PALMER'S carriage springs—Concord Axle Co., Penacook, N. H.
PALMER'S fish nets—C. & W. McClean Merc. Co., 415 Washington av, St. Louis, Mo.
PALMER'S wood faucets—Crandall Bros., N. Kingsville, Ohio
PALMETTO brush fibre—American Fibre Co., Jacksonville, Fla.
PALMETTO floor coverings—McHenry-Millhouse Mfg. Co., South Bend, Ind.
PALMETTO packing—H. N. Cook Belting Co., 401 Howard, San Francisco, Cal.
PALMETTO packing—Greene, Tweed & Co., 109 Duane, New York
PALMS combination sand pumps—Larkin & Co., Butler, Pa.
PANAMA belt dressing—Panama Oil & Grease Co., 159 W. 51st, New York
PANAMA carbon paper—Manifold Supplies Co., 188 3rd av, Brooklyn, N. Y.
PANAMA padlocks—Slaymaker Lock Co., Lancaster, Pa.
PANAMA road machines & graders, portable cranes—F. B. Zeig Mfg. Co., Fredericktown, Ohio
PANAMA walking & riding cultivators—Kingman Plow Co., Peoria, Ill.
PAN AMERICAN fire extinguishers—N. L. Snyder & Son, 9 N. 4th, Phila., Pa.
PANHARD lubricating oils—Geo. A. Haws, 135 Front, New York
PANTASOTE artificial leather—Pantasote Co., 11 Broadway, New York
PANTHER tread rubber heels—Panther Rubber Mfg. Co., Stoughton, Mass.
PAOWNYC car window fixtures—O. M. Edwards Co., Syracuse, N. Y.
PARA roofing cements—A. Wilhelm Co., Reading, Pa.
PARABESTO packing—General Asbestos Rubber Co., Charleston, S. C.
PARAC rubber covered wire—Philips Wire Co., Pawtucket, R. I.
PARACOIL heaters, evaporators & distilling apparatus—Row & Davis, Engineers, Inc., 90 West, New York
PARACOTE felt roofing—Chatfield Mfg. Co., Carthage, Cincinnati, Ohio
PARADOX reamers—Cleveland Twist Drill Co., 1 E. 49th, Cleveland, Ohio
PARADOX screw drivers—W. A. Ives Mfg. Co., Wallingford, Conn.
PARADUX canvas & felt roofing—Flintkote Co., 88 Pearl, Boston, Mass.
PARAGOL core oils, rubber substitutes—Corn Products Refining Co., 17 Battery pl, New York
PARAGON anvils—Horace T. Potts & Co., 318 W. 3rd, Phila., Pa.
PARAGON ball cocks & self-closing faucets—Vulcan Brass Mfg. Co., 24 Noble Court, Cleveland, Ohio
PARAGON belt dressing—Montgomery Bros., 45 S. 2nd, Phila., Pa.
PARAGON boiler couplings—Trenton Brass & Machine Co., Trenton, N. J.
PARAGON cold saw cutting-off machines—Tindel-Morris Co., Eddyston, Pa.
PARAGON dumb waiters—Storm Mfg. Co., 50 Vesey, Newark, N. J.
PARAGON emery wheel dressers—Chicago Wheel & Mfg. Co., 1101 Monroe, Chicago, Ill.
PARAGON emery wheel dressers—Curtin-Hebert Co., Gloversville, N. Y.
PARAGON end gate seeders—Bristol & Gale Co., 158 Carroll av, Chicago, Ill.
PARAGON engineers' oiling sets—Consolidated Fruit
PARAGON engineers' oiling sets—Gero Mfg. Co., Gaul & Adams, Phila., Pa.
PARAGON fire extinguishers—Jas. Boyd & Bro., 25th & Wharton, Phila., Pa.
PARAGON fire hose—Eureka Fire Hose Mfg Co., 13 Barclay, New York
PARAGON fly traps—Reynolds Wire Co, Dixon, Ill.
PARAGON ground cones—Paragon Electric Co., 9 S. Clinton, Chicago, Ill.
PARAGON hot air furnaces, steam heaters—Isaac A. Sheppard & Co., Erie av & Sepviva, Phila., Pa.
PARAGON insulating tape—General Electric Co., Schenectady, N. Y.
PARAGON knife switchers—Geo. Cutter Co., South Bend, Ind.
PARAGON laundry stoves, tank heaters—Detroit Stove Works, Detroit, Mich.
PARAGON lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.
PARAGON lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
PARAGON machine molded gears—Evans Stamping & Plating Co., Taunton, Mass.
PARAGON oil lamps—R. E. Dietz Co., 60 Laight, New York
PARAGON packing—Empire Tire & Rubber Corp., East Trenton, N. J.
PARAGON paint & white wash spraying machines—F. & F. Koenigkramer, 1914 Western av, Cincinnati, Ohio
PARAGON paints & enamels & wood fillers—Lincoln Paint & Color Co., Lincoln, Nebr.
PARAGON pliers & nippers—Wm. Schollhorn Co., New Haven, Conn.
PARAGON riding listers—Kingman Plow Co., Peoria, Ill.
PARAGON screw plates & taps—S. W. Card Mfg. Co., Mansfield, Mass.
PARAGON shades & reflectors—American Reflector & Lighting Co., 517 W. Jackson blvd, Chicago, Ill.
PARAGON shoe blacking & polishes—Frank Miller Co., 349 W 26th, New York
PARAGON shoe lasts & stands—John C. Kupferle Foundry Co., 1st & Wright, St. Louis, Mo.
PARAGON sickel grinders—Walter A. Wood Mower & Reaper Machine Co., Hoosick Falls, N. Y.
PARAGON steam & hot water heaters—Sheppard Isaac A. Co., Erie av & Sepviva, Phila., Pa.
PARAGON turpentine—Thomas Sealy, 138 Front, New York
PARAGON twist drills—Cleveland Twist Drill Co., 1 E. 49th, Cleveland, Ohio
PARAGON DE LUXE garment hangers—Hampden Toy Co., Westfield, Mass.
PARAGON DUPLEX—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
PARAGON TRIPLEX lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
PARA-KON safety razors—Arnold Co., Reading, Pa.
PARALLEL comealongs—Eureka Co., North East, Pa.
PARALYZER clod crushers—Moline Plow Co., Moline, Ill.
PARAMO packing—Revere Rubber Co., Chelsea, Mass.
PARAMOUNT babbitt metal—Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
PARAMOUNT hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
PARAMOUNT motor cycles—Paramount Motor Co., Columbus, Ohio
PARAMOUNT steel tubing—Pressed Metal Radiator Co., Pittsburgh, Pa.
PARANITE submarine cables, insulated rubber covered & telephone wires—Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.
PARA-STEEL reflectors—Wheeler Reflector Co., 156 Pearl, Boston, Mass.
PARATAX rubber roofing—Usona Mfg. Co., Aurora, Ill.
PARAVASELINE lubricating oil for cleaning guns & revolvers—Remington Arms-Union Metallic Cartridge Co., Inc., 233 Broadway, New York
PARENITE rubber packing—Manhattan Rubber Mfg. Co., Passaic, N. J.
PARENITO packing—Manhattan Rubber Co., Passaic, N. J.

PARIAN glass shades—Gill Bros. Co., Steubenville, Ohio
PARIPAN enamels—W. H. S. Lloyd Co., 105 W. 40th, New York
PARIS broom corn harvesters—Paris Foundry & Machine Works, Paris, Ill.
PARIS crepe paper napkins—Tuttle Press Co., Appleton, Wis.
PARK lawn sprinklers—American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
PARKER corner beads—Youngstown Pressed Steel Co., Youngstown, Ohio
PARKER air compressors—Brunner Mfg. Co., Utica, N. Y.
PARKER COMBINATION vises—Oswego Tool Co., Oswego, N. Y.
PARKER corner bead—Sharon Steel Hoop Co., Sharon, Pa.
PARKTR expansion bolts—Parker Supply Co., 785 E. 135th, New York
PARKER governor pulleys—Brownwall Engine & Pulley Co., Holland, Mich.
PARKER harrows & pulverizers, portable presses tobacco screws—Ripley Foundry & Machine Co., Ripley, Ohio
PARKER mine car wheels—Eagle Iron Works Co., Terre Haute, Ind.
PARKER shot guns—Parker Bros., Meriden, Conn.
PARKER water tube boilers—Parker Boiler Co., Pennsylvania bldg, Phila., Pa.
PARKHURST burr pickers—Brown Cotton Gin Co., New London, Conn.
PARKHURST burr pickers—Curtis & Marble Machine Co., Worcester, Mass.
PARK'S Fdy molding machines—A. Buch's Sons Co., Elizabethtown, Pa.
PARK'S self-hardening steel—Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
PARLIN corn planters—Parlin & Orendorff Co., Canton, Ill
PAR-LOCK mastic roofing—Union Products Co., Cleveland, Ohio
PARLOR CITY CANDY counter scales—Jones of Binghamton (Inc.), Binghamton, N. Y.
PARMACO oil well packers—Parkersburg Machine Co., Parkersburg, W. Va.
PARMALEE ratchet wrenches—Parmalee Wrench Co., 2515 E. Monroe, Chicago, Ill.
PARMENTER car fenders & wheel guards—Parmenter Fender & Wheel Guard Co., 89 State, Boston, Mass.
PAROLE oil cups—Wm. Powell Co., Cincinnati, Ohio
PAROLINE motor oil—Bayerson Oil Works, Erie, Pa.
PAROWAX paraffine wax—Standard Oil Co. of N. Y. 555 W. 25th, New York
PARR calorimeters—Standard Calorimeter Co., East Moline, Ill.
PARRETT gasoline & kerosene traction engines—Parrett Tractor Co., 343 S. Dearborn, Chicago, Ill.
PARRETT traction gasoline engines—Weber & Damme Wagon Co., 1621 B'way, St. Louis, Mo.
PARROTT metal polish—Cudahy Packing Co., 111 W. Monroe, Chicago, Ill.
PARROTT varnish, paint & varnish remover—Parrott Varnish Co., Bridgeport, Conn.
PARRY automobile truck trailers—Parry Mfg. Co., Indianapolis, Ind.
PARRY bessemer iron—Carbon Iron & Steel Co., Ltd., Mauch Chunck, Pa.
PARSON'S flue cleaners, gas exhausters, tar burners—Parsons Mfg. Co., 35 Nassau, New York
PARSON'S manganese bronze castings—Wm. Highton & Sons Co., Nashua, N. H.
PARSON'S manganese bronze castings—Rock Island Metal Foundry, 505 41st, Rock Island, Ill.
PARSON'S manganese bronze ingots, alloys, white brass rods, sheets—Wm. Cramp & Sons, Ship & Engine Building Co., Beach & Ball, Phila., Pa.
PARSON'S self-feeders & band cutters—Maytag Co., Newton, Ia.
PARSON'S sewer & trench & excavating machines—G. W. Parsons Co., Newton, Ia.
PARTINE parting compounds—Foundry Specialty Co., Cincinnati, Ohio
PARTRIDGE tool grinders—Edw. O. Partridge, 2047 Lake, Chicago, Ill.
PARTZ circuit batteries—S. S. White Dental Mfg. Co., 1130 Chestnut, Phila., Pa.
PASSAIC auger bits—C. E. Jennings & Co., 71 Murray, New York
PASSAIC shaft tips—Searls Mfg. Co., 29 Mulberry, Newark, N. J.
PASTELLE glass shades—Consolidated Lamp & Glass Co., Coropolis, Pa.
PASTIME clothes washing machines—Maytag Co., Newton, Ia.
PASTIME lawn mowers—Chadborn & Coldwell Mfg. Co., Newburgh, N. Y.
PASTRY flour sieves—Roseland Can & Specialty Co., Rockford, Ill.
PATAPSCO rule stoves—A. Weiskittel & Son, 12th & E. Lombard, Baltimore, Md.
PATCH grate bars—S. B. Patch & Sons Co., Streator, Ill.
PATER NOSTER shock absorbers—Herz & Co., 245 W. 55th, New York
PATHFINDER acetylene mine lamps—Hughes Bros., Scranton, Pa.
PATRIOT steam heaters—Boynton Furnace Co., 106 W. 37th, New York
PATROL fire extinguishers—American-La France Fire Engine Co., Elmira, N. Y.
PATROL fire extinguishers—S. F. Hayward & Co., 250 W. 54th, New York
PATTEE cultivators—Pattee Plow Co., Monmouth, Ill.
PATTEE cultivators—Roderick Lean Mfg. Co., Mansfield, Ohio
PATTEN electric hoists—Patten Mfg. Co., Chattanooga, Tenn.
PATTERSON heaters—Patterson-Kelly Co., 26 Cortlandt, New York
PATTERSON junction boxes—Stanley & Patterson, 23 Murray, New York
PATTERSON lustre polish—Patterson Lubricating Co., 114 Broad, Boston, Mass.
PATTERSON sliding motion sifters—Patterson Foundry & Machine Co., East Liverpool, Ohio
PATTERSON steam separators—Patterson-Kelly Co., 26 Cortlandt, New York
PATTERSON tackle blocks—Pittsburgh Block & Mfg. Co., 818 South av, Pittsburgh, Pa.
PATTERSON-BERRYMAN feed water heaters—Patterson-Kelley Co., 26 Cortlandt, New York
PATTON'S shingle stains, paints & varnish remover, iron fillers—Patton Paint Co., Milwaukee, Wis.
PAUL air compressors, pneumatic pumps—Fort Wayne Engineering & Mfg. Co., Fort Wayne, Ind.
PAUL air valves, steam traps, vacuum heating—Andrew G. Paul Co., 131 State, Boston, Mass.
PAUL air valves, vacuum heating valves—Jas. P. Marsh & Co., 118 S. Clinton, Chicago, Ill.
PAUL KLUG wool finishing machines—L. H. A. Schwartz & Co., 40 Central, Boston, Mass.
PAULL'S tubular lanterns, kerosene lamp burners—Wheeling Stamping Co., Wheeling, W. Va.
PAULUS self feeding drills—Handlan-Buck Mfg. Co., 210-14 N. 3rd. St. Louis, Mo.
PAULY cement sewer pipe machinery—Concrete Stone & Sand Co., Youngstown, Ohio
PAWNEE belting—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio
PAXSON-COLLIAU foundry cupolas—J. W. Paxson Co., 1021 N. Delaware av, Phila., Pa.
PAXSON-WARREN sand blast machines—J. W. Paxson Co., 1021 N. Delaware av, Phila., Pa.
PAYSON furniture casters—Payson Mfg. Co., 2918 W. Jackson blvd, Chicago, Ill.
PAY-WITHIN street cars—Electric Service Supply Co., 17th & Cambria, Phila., Pa.
PAYZANT show card lettering pens—Keuffel & Esser Co., Hoboken, N. J.
PEACE weather strips—Niagara Metal Weather Strip Co., 33 W. Tupper, Buffalo, N. Y.
PEACEMAKER clothes washing machines—H. F. Brammer Mfg. Co., Davenport, Ia.
PEACH base balls, base ball bats, base ball masks—J. A. Peach, Gloversville, N. Y.
PEACH BOTTOM roofing slate—Auld & Conger Co., 942 Prospect, Cleveland, Ohio
PEACOCK electric car brakes—National Brake Co., Buffalo, N. Y.
PEACOCK silk typewriter ribbons & carbon papers—Ink Ribbon Mfg. Co., 633 Howard, San Francisco, Cal.
PEANO-INTERNATIONAL binder twine—International Harvester Co. of America (Inc.), Harvester bldg, Chicago, Ill.
PEARCE rules—Chapin-Stephens Co., Pine Meadow, Conn.
PEARL lemon squeezers—A. C. Williams Co., Ravenna, Ohio
PEARL lubricators—American Lubricator Co., Detroit, Mich.
PEARL stoves—Knox City Iron Works, Knoxville, Tenn.
PEARL wire cloth—Gilbert & Bennett Mfg. Co., Georgetown, Conn.
PEARSON expansion joints—Coldwell-Wilcox Co., Newburgh, N. Y.

PEARSON jacks & king bolt clamps—Pearson Jack Co., 185 Franklin, Boston, Mass.
PEARSON nailing tools—E. Martin Pearson, Robbinsdale, Minn.
PEARSON neck yokes, neck yoke centers—National Neck Yoke Co., Rock Island, Ill.
PEARSON CYCLONE spike pullers—Chas. Morrill, 100 Lafayette, New York
PEASE apple slicing machinery—Boutell Mfg. Co., Rochester, N. Y.
PEASE combination pliers—Mechanical Specialties Co., 122 S. Michigan av, Chicago, Ill.
PEASE fanning mills—Marseilles Co., East Moline, Ill.
PEASE tobacco cutting machines—Buckeye Iron & Brass Works, Dayton, Ohio
PEASE venetian blinds—Foster-Munger Co., 1404 W. 37th, Chicago, Ill.
PEASE ECONOMY steam heaters—International Heater Co., Utica, N. Y.
PEAVEY axes, canthooks, cant-dogs—Peavey Mfg. Co., Bangor, Me.
PEBCO steam heaters—Pierce, Butler & Pierce Mfg. Corp., 437 E. 162d, New York
PECK carriers—Link-Belt Co., 39th & Stewart av, Chicago, Ill.
PECKHAM car trucks—E. G. Long Co., 50 Church, New York
PECK-HAMMOND hot air furnaces—Williamson Heater Co., 339 W. 5th, Cincinnati, Ohio
PECK'S auger handles—Peck, Stow & Wilcox Co., Southington, Conn.
PECO fuel oil burners—Production Engineering Co., 1716 Spring Garden, Phila., Pa.
PECORA paint—Pecora Paint Co., Sedgley av., Phila., Pa.
PEDRO toilet paper—Northern Paper Mills, Green Bay, Wis.
PEEKAY metal polish—Pride of the Kitchen Co., 290 Smith, Brooklyn, N. Y.
PEEL brick ovens—American Oven & Machine Co., 111 W. Washington, Chicago, Ill.
PEELLE elevator gates, folding doors—Peele Co., 123 Liberty, New York
PEER-O-DAY incubators & brooders—Ernest F. Hodgson Co., 116 Washington, Boston, Mass.
PEERLESS air washers—New York Blower Co., Archer av & Canal, Chicago, Ill.
PEERLESS aqua & anhydrous ammonia—National Ammonia Co., 3600 N. Broadway, St. Louis, Mo.
PEERLESS ash & garbage cans, ash sieves—Geo. W. Diener Mfg. Co., 400 Monticello av, Chicago, Ill.
PEERLESS atomizers—Hospital Rubber Co., Attleboro, Mass.
PEERLESS axes—American Axe & Tool Co., Glassport, Pa.
PEERLESS axes—Dunn Edge Tool Co., Oakland, Me.
PEERLESS barn door hangers—Lawrence Bros., Sterling, Ill.
PEERLESS beef hoists—W. C. Treece & Co., Findlay, Ohio
PEERLESS bell bottom jacks—New London Vise Works, New London, Conn.
PEERLESS belt dressing, boiler compounds—O. F. Zurn Co., Broad & Lehigh av, Phila., Pa.
PEERLESS belt lacing—California Tanning Co., 1905 Shenandoah av, St. Louis, Mo.
PEERLESS boat cushions—Pneumatic Mfg. Co., 123 Pacific, Brooklyn, N. Y.
PEERLESS can openers—Bradley & Farnham, Middlefield, Conn.
PEERLESS can openers—John H. Graham & Co., 113 Chambers, New York
PEERLESS carbon paper—E. A. Brecher & Co., 119 Lafayette, New York
PEERLESS carpet nails—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
PEERLESS carpet sweepers—National Sweeper Co., Torrington, Conn.
PEERLESS carriage fasteners—Metal Stamping Co., 13th, Long Island City, N. Y.
PEERLESS carriage fasteners—F. A. Neider Co., Augusta, Ky.
PEERLESS carving lathes—Valley City Machine Works, Grand Rapids, Mich.
PEERLESS cement—Peerless Portland Cement Co., Union City, Mich.
PEERLESS cement brick machines—Peerless Brick Machine Co., 1234 Central av, Minneapolis, Minn.
PEERLESS chain hoists—Edwin Harrington, Son & Co., 17th & Callowhill, Phila., Pa.
PEERLESS check protectors—Peerless Check Protecting Co., Rochester, N. Y.
PEERLESS check writing machines—Todd Protectograph Co., 1050 University av, Rochester, N. Y.
PEERLESS clothes line reels—Hugro Mfg. Co., 327 S. La Salle, Chicago, Ill.
PEERLESS clothes washing machines—Michigan Washing Machine Co., Muskegon, Mich.
PEERLESS cocks & bibbs—Milwaukee Brass Mfg. Co., 251 Lapham, Milwaukee, Wis.
PEERLESS coffee roasters—M. Lally & Co., 29 W. 3rd, Cincinnati, Ohio
PEERLESS coffee & spice—Wrightsville Hardware Co., Wrightsville, Pa.
PEERLESS corkscrews—Smith & Hemenway Co., 261 B'way, New York; 130 Coit, Irvington, N. J.
PEERLESS corn husking machines—Peerless Husker Co., 523 Cornwall av., Buffalo, N. Y.
PEERLESS counting machines—J. E. Sheppard Co., Worcester, Mass.
PEERLESS crayons—Stanley Doggett, 11 Cliff, New York
PEERLESS cultivators—Greenville Implement Co., Greenville, Mich.
PEERLESS cultivators, feed cutters—Thornburg Mfg. Co., Bowling Green, Ohio.
PEERLESS curb service boxes—Modern Iron Works, Quincy, Ill.
PEERLESS cutting & drilling compounds—Racine Tool & Machine Co., Racine, Wis.
PEERLESS display racks—Indianapolis Corrugating Co., Indianapolis, Ind.
PEERLESS door mats—D. A. Hinman & Co., Sandwich, Ill.
PEERLESS dynamos & motors, electric portable fans—Peerless Electric Co., Warren, Ohio
PEERLESS electrical testing instruments, photometers, pyrometers, tachometers, thermometers—Thompson-Levering Co., 246 Arch, Phila., Pa.
PEERLESS enamels—Akron Varnish Co., Akron, Ohio
PEERLESS exhaust heads—Ambrose Machine Co., Provost, Brooklyn, N. Y.
PEERLESS fanning mills—Johnson & Field Mfg. Co., Racine, Wis.
PEERLESS fire hose—Eureka Fire Hose Mfg. Co., 13 Barclay, New York
PEERLESS fire hydrants—Macungie Brass & Mfg. Co., Macungie, Pa.
PEERLESS fireplace dampers—Peerless Mfg. Co., Louisville, Ky.
PEERLESS fly traps—National Mfg. Co., Worcester, Mass.
PEERLESS folding seats—Fernald Mfg. Co., North East, Pa.
PEERLESS folding seats—Metal Stamping Co., 13th, Long Island City, N. Y.
PEERLESS foundry chaplets—Hill & Griffith Co., 1262 State av, Cincinnati, Ohio
PEERLESS friction clutches—Essmueller Mill Furnishing Co., 1222 S. 8th, St. Louis, Mo.
PEERLESS fruit pickers—Woods-Sherwood Co., Worcester, Mass.
PEERLESS furnace pipe fittings & hot air furnace tops—Wilbur S. Steele Co., Hartford, Conn.
PEERLESS garage floor drains—Compound Injector & Specialty Co., 419 N. Laramie av, Chicago, Ill.
PEERLESS garment hangers—E. B. Estes & Sons, 364 5th av, New York
PEERLESS garment hangers—Hincher Mfg. Co., Washington, Ind.
PEERLESS gas stoves—Peerless Stove & Range Co., Columbus, Ohio
PEERLESS gaskets, gas main bags, packing—Peerless Rubber Mfg. Co., 31 Warren, New York
PEERLESS gasoline sad irons—Tures Mfg. Co., Milwaukee, Wis.
PEERLESS glazier's points—Austin & Eddy, 117 Broad, Boston, Mass.
PEERLESS glaziers' putty—John Briggs & Co., 45 Purchase, Boston, Mass.
PEERLESS glue—Magnet Cement & Dressing Co., Primos, Pa.
PEERLESS grease extractors, steam separators, steam traps—Hussey, McCann & Co., 87 Warren, New York
PEERLESS handcuffs—Peerless Handcuff Co., Springfield, Mass.
PEERLESS harrow carts—Peoria Drill & Seeder Co., Peoria, Ill.
PEERLESS hay fork pulleys, hay carriers—Hunt, Helm Ferris & Co., Harvard, Ill.
PEERLESS heaters—Peerless Heater Co., Pittsburgh, Pa.
PEERLESS high speed reamers—Cleveland Twist Drill Co., 1 E. 49th, Cleveland, Ohio
PEERLESS incandescent electric lamps—Peerless Lamp Works of G. E. Co., Warren, Ohio
PEERLESS incandescent gas lamps & flashlights—Peerless Light Co., 174 W. Randolph, Chicago, Ill.
PEERLESS incubators & brooders—H. M. Sheer Co., Quincy, Ill.
PEERLESS insulation—NATIONAL FIBRE & INSULATION CO., Yorklyn, Del.
PEERLESS jacks—Oliver Mfg. Co., 326 S. Desplaines, Chicago, Ill.

PEERLESS kitchen boilers—John F. Binder, 6 W. Lake, Chicago, Ill.
PEERLESS lamp guards—Frank W. Morse, 289 Congress, Boston, Mass.
PEERLESS lanterns—Iddings Co., Warren, Ohio
PEERLESS lawn swings—Challenge Co., Batavia, Ill.
PEERLESS leather wheels—Pflegher Hardware Specialty Co., New Haven, Conn.
PEERLESS lubricating oils & greases—Geo. A. Haws, 135 Front, New York
PEERLESS metal polish—Colgan Mfg. & Supply Co., 118 Maiden la, New York
PEERLESS metal washboards—National Washboard Co., 72 W. Adams, Chicago, Ill.
PEERLESS meter seals—United Seal Co., 239 S. Pearl, Columbus, Ohio
PEERLESS nickel salts—Wm. T. Finkell, 103 Maiden la, New York
PEERLESS paint cans—Manufacturers' Can Co., 426 501 1st, Newark, N. J.
PEERLESS paint & varnish remover—Brooklyn Varnish Mfg. Co., 35 Nostrand av, Brooklyn, N. Y.
PEERLESS paper doilies—Milwaukee Lace Paper Co., 050 Lee, Milwaukee, Wis.
PEERLESS pipe cutting & threading machines—Bignall & Keeler Machine Works, Edwardsville, Ill.
PEERLESS pipe grips—Prentiss Vise Co., 110 Lafayette, New York
PEERLESS plowing attachments—Emerson-Brantingham Co., Rockford, Ill.
PEERLESS portable drilling machines—Cincinnati Electrical Tool Co., Cincinnati, Ohio
PEERLESS potato planters—Potato Implement Co., Traverse City, Mich.
PEERLESS power hammers & forging machines—Beaudry & Co., 141 Milk, Boston, Mass.
PEERLESS radiators—American Radiator Co., 820 S. Michigan av, Chicago, Ill.
PEERLESS ready roofing—American Roofing Co., Kansas City, Mo.
PEERLESS recording pressure gauges—Jones Gauge Co., Boston, Mass.
PEERLESS rubber covered wire—Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.
PEERLESS rubber horse shoes—Peerless Rubber Horseshoe Co., 1014 S. Kildare av, Chicago, Ill.
PEERLESS rubber type—J. F. W. Dorman Co., 526 N. Calvert, Baltimore, Md.
PEERLESS rubber vulcanizers—J. F. W. Dorman Co., 526 N. Calvert, Baltimore, Md.
PEERLESS sash hangers & fasteners—Stanley Works, New Britain, Conn.
PEERLESS sash operating device—Payson Mfg. Co., 2918 W. Jackson blvd, Chicago, Ill.
PEERLESS saw gummers—J. W. Mixter Saw Tool Co., Plymouth, Mass.
PEERLESS seed corn dryers—Bain Bros. Mfg. Co., Cedar Rapids, Ia.
PEERLESS shoe blacking & polishes—Frank Miller Co., 349 W. 26th, New York
PEERLESS shoe factory electric heating & ironing outfits—Boston Last Co., 44 Binford, Boston, Mass.
PEERLESS sink brackets—Berger Specialty Co., Richmond, Va.
PEERLESS smoked beef slicing machines—Wolf, Sayer & Heller, Fulton & Peoria, Chicago, Ill.
PEERLESS smokeless gun powder—Robin Hood Ammunition Co., Swanton, Vt.
PEERLESS soldering paste—Solderall Sales Co., 76 Cortlandt, New York
PEERLESS spray pumps—Brandt Mfg. Co., 310 3d av, Minneapolis, Minn.
PEERLESS squaring shears—Ewert & Kutschei, 3108 S. Halsted, Chicago, Ill.
PEERLESS stove pipe & elbows—Hemp & Co., Vandeventer nr Shaw, St. Louis, Mo.
PEERLESS stoves—Grinberg Bros., 154 South, New York
PEERLESS table mats—Chicago Asbestos Table Mat Co., 215 Loomis, Chicago, Ill.
PEERLESS tallow—Consolidated Rendering Co., 40 N. Market, Boston, Mass.
PEERLESS transformers—Enterprise Elec. Co., Warren, Ohio
PEERLESS transmission chains—Peerless-V-Belt Co., 608 S. Dearborn, Chicago, Ill.
PEERLESS trolley catchers & retrievers—Electric Service Supplies Co., 17th & Cambria, Phila., Pa.
PEERLESS valve & service boxes—Modern Iron Works, Quincy, Ill.
PEERLESS valves—Haydenville Co., Haydenville, Mass.
PEERLESS vises—Fulton Machine Co., Lowville, N. Y.
PEERLESS well pump—Oeming Co., Salem, Ohio
PEERLESS window cleaners—Standard Cleaner Co., 122 S. Michigan av, Chicago, Ill.
PEERLES window screens—Maine Screen Co., Fairfield, Me.
PEERLESS wire brushes—Peerless Mfg. Co., New Durham, N. H.
PEERLESS wood fibre plaster—American Cement Plaster Co., Lawrence, Kans.
PEERLESS wooden barrows—Frank R. Prescott, Meredith, N. H.
PEERLESS woven wire fences—Peerless Wire Fence Co., Adrian, Mich.
PEERLESS INDESTRUCTO incandescent gas mantles—Peerless Light Co., 174 W. Randolph, Chicago, Ill.
PEERLESS-V automobile chains—Peerless-V Belt Co., 608 S. Dearborn, Chicago, Ill.
PEERLESS WHITE granite—Woodbury Granite Co., Hardwick, Vt.
PEERLESS PERFECT PROTECTION weather proof wire—Peerless Insulated Wire & Cable Co., 90 West, New York
PEERLESS WINDROW hay loaders—Thomas Mfg. Co., Springfield, Ohio
PEIRCE brick & stone drills for expansion bolts—Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
PEIRCE clamp pins, electric house brackets—Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
PEKIN farm wagons—Pekin Wagon Co., Pekin, Ill.
PELICAN nail pullers—Miller's Falls Co., 28 Warren, New York
PELICAN WHITE PINE lumber—Pelican Bay Lumber Co., Klamath Falls, Oreg.
PELLA hay stackers—Garden City Feeder Co., Pella, Ia.
PELTON water wheels—Walker Mfg. Co., Denver, Colo.
PEMCO arc lamps, arc lamp brackets, commutator bars, electric lamp hoods, fuse boxes, lock-nuts, washers, trolley wire hangers, street fixtures & strain insulators—Philadelphia Electrical & Mfg. Co., 1232 N. 31st, Phila., Pa.
PENBERTHY boiler injectors, engine lubricators, oil & grease cups—Penberthy Injector Co., 346 Holden av, Detroit, Mich.
PENCE automobile wind shields—Pence Automobile Co., Minneapolis Minn.
PENCO cold punched nut presses, fireproof, hollow steel doors, metal boxes, metal lath, metallic shingles, steel portable houses, sheet steel stair risers, ceilings,, steel corner beads, fireproof metal doors—Penn Metal Co., 65 Franklin, Boston, Mass.
PEN-DAR metallic filing cabinets, steel shelving, tool cabinets—Edw. Darby & Sons Co., 239 Arch, Phila., Pa
PEN DAR refuse burners—Pennsylvania Wire Works, 235 Arch, Phila., Pa.
PENDULUM hand washing machines—Voss Bros. Mfg. Co., Davenport, Ia.
PENGUIN oil cups—Wm. Powell Co., Cincinnati, Ohio
PENINSULAR carriage fasteners—Heaton Peninsular Button Fastener Co., 65 Shirley, Boston, Mass.
PENINSULAR cement—Peninsular Portland Cement Co., Cement City, Mich.
PENINSULAR paint & varnish remover—Peninsular Paint & Varnish Co., Detroit, Mich.
PENINSULAR rubber hose—Empire Tire & Rubber Co., East Trenton, N. J.
PENN. belt dressing—Penna. Lubricating Co., 34th & A. V. R. R., Pittsburgh, Pa.
PENN car couplers—McConway & Torley Co., 48th & A. V. R. R., Pittsburgh, Pa.
PENN cutting oils—Penn Oil & Supply Co., Ltd., Oil City, Pa.
PENN engine & machine oilers—Penn Oiler Co., 250 Fulton, New York
PENN gas burners—Odin Stove Mfg. Co., Erie, Pa.
PENN metal lath—Penn Metal Ceiling & Roofing Co., 23rd & Hamilton, Phila., Pa.
PENN padlocks—Slaymaker Lock Co., Lancaster, Pa.
PENN safety razors—A. C. Penn, Inc., 100 Lafayette, New York
PENN transom lifts—Penn Hardware Co., Reading, Pa.
PENN trolley track door hangers—Sharon Hardware Mfg. Co., Sharon, Pa.
PENN unions—Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
PENN vises—Hollands Mfg. Co., 352 E. 18th, Erie, Pa.
PENN-ALLEN cement—Penn-Allen Cement Co., Allentown, Pa.

PENNA comealongs—B.-R. Electric & Tel. Mfg. Co., Kansas City, Mo.
PENN gas stoves—Penna Furnace & Stove Co., Warren, Pa.
PENNA hot air furnaces, gas soldering furnaces—Penna. Furnace Stove Co., Warren, Pa.
PENNA BRADFORD can cleaner & coal washing machinery—Penn. Crusher Co., Stephen Girard bldg, Phila., Pa.
PENNANT canvas stitched belting—Olmstead-Flint Co., Lawrence, Mass.
PENNANT cotton hose—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
PENNANT lawn mowers—American Lawn Mower Co., Muncie, Ind.
PENNANT oil pump lubricators—Wm. Powell Co., Cincinnati, Ohio
PENNELL fish hook—Redifor Rod & Reel Co., Warren, Ohio
PENNIE back water valves—Kennedy Valve Mfg. Co., Elmira, N. Y.
PENNINGTON harrows & pulverizers—Towers & Sullivan Mfg. Co., Rome, Ga.
PENNINGTON turbine pumps—Vulcan Iron Works Co., Denver, Colo.
PENNOCK angle benders—American Road Machinery Co., Kennett sq., Pa.
PENNSYLVANIA cement—Pennsylvania Cement Co., 30 E. 42nd, New York
PENNSYLVANIA fanning mills, feed cutters, root cutters—A. Buch's Sons Co., Elizabethtown, Pa.
PENNSYLVANIA fruit pickers—Edw. Darby & Sons Co., 239 Arch, Phila., Pa.
PENNSYLVANIA fruit pickers—D. A. Wedmore & Co., Camden, N. J.
PENNSYLVANIA grain drills, spring tooth harrows, traction engines—A. B. Farquhar Co., York, Pa.
PENNSYLVANIA lawn mowers, lawn trimmers—Supplee-Biddle Hardware Co., 510 Commerce Phila., Pa.
PENNSYLVANIA lawn mowers—Pennsylvania Lawn Mower Works, 1615 N. 23d, Phila., Pa.
PENNSYLVANIA pneumatic tires, pump & rubber valves, rubber tile—Pennsylvania Rubber Co., Jeannette, Pa.
PENNSYLVANIA stone pulverizers—Pennsylvania Crusher Co., Stephen Girard bldg, Phila., Pa.
PENNSYLVANIA threshers—Heebner & Sons, Lansdale, Pa.
PENN-TITIAN sash pulleys—Penn. Hardware Co., Reading, Pa.
PEN-PERFECT apple parers—Penn. Hardware Co., Reading, Pa.
PENTANE photometer lamps—American Meter Co., 3112 N. 17th, Phila., Pa.
PENTEX fireproof hollow tile—Penna. Fireproofing Co., Erie, Pa.
PENTICOST steam heaters—Allen Fire Dept. Supply Co., 159 Aborn, Providence, R. I.
PEORIA eaves-trough hangers—Clark-Smith Hardware Co., Peoria, Ill.
PEORIA gas heaters—Culter & Proctor Stove Co., Peoria, Ill.
PEORIA harrow attachments, end gate seeders, portable grain elevators—Peoria Drill & Seeder Co., Peoria, Ill.
PEORIA traction engines—Peoria Tractor Co., Peoria, Ill.
PEPEROID catalog envelopes—Alvah Bushnell Co., 927 Filbert, Phila., Pa.
PEPPER POD lubricators—Michigan Lubricator Co., Detroit, Mich.
PEQUOT belt lacing—Holyoke Belting Co., Holyoke, Mass.
PEQUOT steam & hot water heaters—Hopson & Chapin Mfg. Co., New London, Conn.
PER-BONA insulating paper—Lehon Co., W. 45th & S. Western av, Chicago, Ill
PEQUOT padlocks—Sargent & Co., New Haven, Conn.
PERCOPROOF waterproofing materials—Philip Carey Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
PERCY turnstiles—Percy Mfg. Co., 30 Church, New York
PERFECT annunicators—Electric Goods Mfg. Co., Canton, Mass.
PERFECT apple slicing machinery—Boutell Mfg. Co., Rochester, N. Y.
PERFECT arc lamp clutches—Phila. Electrical & Mfg. Co., 2011 Market Phila., Pa.
PERFECT automatic air valves—W. A. Russell & Co., 63 W. 37th, New York
PERFECT automatic grapple forks—F. E. Myers & Bro., Ashland, Ohio
PERFECT automobile wind shields—Fellweck Automobile & Mfg. Co., Evansville, Ind.
PERFECT barrel swings—Upton & Gilman Machine Co., Lowell, Mass.
PERFECT boiler flue & tube cleaners—Hilts Wrench & Mfg. Co., Richford, N. Y.
PERFECT brake wheels—Dayton Mall Iron Co., Dayton, Ohio
PERFECT bronze wire cloth, fly traps—Ludlow-Saylor Wire Co., Newstead av cor Wabash R. R., St. Louis, Mo.
PERFECT broom holders, garment hangers, cattle dehorners, hog ringers & rings & roofing tongs—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.
PERFECT can openers—Cron & Carrier Mfg. Co., 150 Lake, Elmira, N. Y.
PERFECT car trucks—J. G. Brill Co., 62nd & Woodland av, Phila., Pa.
PERFECT carriage fasteners—C. Cowles & Co., New Haven, Conn.
PERFECT cattle guards—Kalamazoo Railway Supply Co., Kalamazoo, Mich.
PERFECT clinching hose couplings—Central Brass & Stamping Co., Peoria, Ill.
PERFECT clothes line pulleys—C. L. Blodgett Mfg. Co., San Francisco, Cal.
PERFECT cupboard catches—Automatic Door Catch Co., Harvey, Ill.
PERFECT currycombs—Wisconsin Metal Products Co., Racine, Wis.
PERFECT disc harrows—Bucher & Gibbs Plow Co., Canton, Ohio
PERFECT dish drainers—Hamblin & Russell Mfg. Co., Worcester, Mass.
PERFECT door checks and springs—Stanley Works, New Britain, Conn.
PERFECT door hangers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
PERFECT door springs—Sharon Hardware Mfg. Co., Sharon, Pa.
PERFECT expansion bolts—Isaac Church, South Norwalk, Conn.
PERFECT fire place heaters—Richardson & Boynton Co., 31 W. 31st, New York
PERFECT flue cutters—J. Faessler Mfg. Co., Moberly, Mo.
PERFECT fruit pickers—Woods-Sherwood Co., Worcester, Mass.
PERFECT garden, lawn & poultry fences—F. P. Smith Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill.
PERFECT garment hangers & paper clips—Henry C. Freshour, Bridgeport, Conn.
PERFECT gas main stoppers—Edw. A. Behringer, 88 W. B'way, New York
PERFECT glass cutters—H. C. Hart Mfg. Co., Unionville, Conn.
PERFECT frame fasteners—Weldless Chain Co., Bridgeport, Conn.
PERFECT horse back bands—Couch Bros. Mfg. Co., Atlanta, Ga.
PERFECT hot air furnaces—W. G. McPherson Co., Portland, Ore.
PERFECT hydraulic lifts—Illinois Pump & Brass Co., Peoria, Ill.
PERFECT knife & scissors grinders—Shawmut Machinery Co., 82 Lincoln, Boston, Mass.
PERFECT lawn sprinklers—Stuber & Kuck, Peoria, Ill.
PERFECT lemon squeezers, steel stove trimmings & stove trucks—Arcade Mfg. Co., Freeport Ill.
PERFECT oven illuminators—George L. Beitner, Bridgeport, Conn.
PERFECT paper cutting machines—Black-Clawson Co., Hamilton, Ohio
PERFECT pipe bending springs—Cleveland Wire Spring Co., Cleveland, Ohio
PERFECT pipe hangers—D. L. Billings & Co., 762 Dudley, Boston, Mass.
PERFECT plumb bobs—S. & I. Co., Springfield, Mass.
PERFECT portable benches—Em-Em Selling Co., 422 E. 16th, New York
PERFECT radiator shields—Decatur Cornice & Roofing Co., Decatur, Ill.
PERFECT rubber hose—Empire Tire & Rubber Co., East Trenton, N. J.
PERFECT rubber roofing—Maurice O'Meara Co., 448 Pearl, New York
PERFECT self indexing ledger—Chicago Binder & File Co., 117 S. Clinton, Chicago, Ill.
PERFECT shelf hardware boxes—Chas. P. Moore, Ravenswood, W. Va.
PERFECT sickle grinders—Walter A. Wood Mower & Reaper Machine Co., Hoosick Falls, N. Y.
PERFECT sink strainers—Central Stamping Co., 172 Fulton, New York
PERFECT steel shipping barrels—Detroit Range Boiler Co., 619-24th, Detroit, Mich.
PERFECT steel tubular harrows—Phillips, Doup & Co., 60 Pearl, Brooklyn, N. Y.

PERFECT trip hammers—Macgowan & Finigan, E. St. Louis, Ill.
PERFECT valve discs—M. B. Skinner Co., 562 W. Washington, Chicago, Ill.
PERFECT wall mills—Wrightsville Hardware Co., Wrightsville, Pa.
PERFECT water closets—Pierce, Butler & Pierce Mfg. Corp., 437 E. 162nd, New York
PERFECT window regulators—Perfect Window Regulator Co., 20 Exchange pl, New York
PERFECT woven wire fences—Spring Steel Fence & Wire Co., Anderson, Ind.
PERFECT-FIT sheet steel ceilings—Eller Mfg. Co., Canton, Ohio
PERFECT HANDLE screw drivers, tack claws & pullers, drawing knives, machinists' hammers, hatchets, wrenches—H. O. Smith & Co., Plantsville, Conn.
PERFECT & McLAIN electric car headlights—Trolley Supply Co., Canton, Ohio
PERFECTED piano wire—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
PERFECT FIT binder covers—Whitaker Mfg. Co., 509 W. Monroe, Chicago, Ill.
PERFECT SUCCESS bricket spray pumps—Deming Co., Salem, Ohio
PERFECTION ash sifters & wire cloth—Success Mfg. Co., Gloucester, Mass.
PERFECTION babbitt metal & brass wire cloth digesters—Eastwood Wire Mfg. Co., Belleville, N. J.
PERFECTION bath brushes—Standard Brush Co., New Hartford, Conn.
PERFECTION belt dressing—Fansher Bros., Dayton, Ohio
PERFECTION belt lacing—Hudson Belt Fastener Co., 149 Church, New York
PERFECTION belting—Bonner & Barnewall, 30 Church, New York
PERFECTION belting, fire & cotton hose & dredging sleeves—Boston Woven Hose & Rubber Co., Cambridge, Mass.
PERFECTION bench grinders—Star Specialty Mfg. Co., 227 W. Erie, Chicago, Ill.
PERFECTION blower cleaners—Perfection Grate & Supply Co., Springfield, Mass.
PERFECTION boiler compounds—Brewer & Co., Worcester, Mass.
PERFECTION boiler compounds—Patapsco Oil & Grease Co., 109 Cheapside, Baltimore, Md.
PERFECTION boiler oil feeders—Lake Erie Mfg. Co., Buffalo, N. Y.
PERFECTION box scrapers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
PERFECTION buggy aprons—Bayles Vehicle Top & Trimming Co., Kansas City, Mo.
PERFECTION calf weaners—Aug. Holthaus Saddlery Co., 1449 N. 6th, St. Louis, Mo.
PERFECTION can filling machines, bottle filling machines—U. S. Bottlers' Machy. Co., 1033 W. Lake, Chicago, Ill.
PERFECTION car lamp burners—Edw. Miller & Co., Meriden, Conn.
PERFECTION carriage fasteners, automobile tire holders—Metal Stamping Co., 13th, Long Island City, N. Y.
PERFECTION curtain fasteners, hame tug plates—North & Judd Mfg. Co., New Britain, Conn.
PERFECTION cattle stanchions & linoleum racks—Stanley C. Swift Mfg. Co., Cuba, N. Y.
PERFECTION cellar drainers—Erwin & Co., 3736 Cottage Grove av, Chicago, Ill.
PERFECTION china kilns—Bellevue Furnace Co., Detroit, Mich.
PERFECTION churns—J. G. Cherry Co., Cedar Rapids, Ia.
PERFECTION clothes line hooks—Franklin Brass Foundry Co., Reading, Pa.
PERFECTION coil chains—Bridgeport Chain Co., Bridgeport, Conn.
PERFECTION computing cheese cutters—American Computing Co., Indianapolis, Ind.
PERFECTION concrete building block machinery—Enterprise Foundry Co., Rochester, N. Y.
PERFECTION corn forks—Pfleghar Hardware Specialty Co., New Haven, Conn.
PERFECTION corn planters—Avery Co., Peoria, Ill.
PERFECTION crayons—Stanley Doggett, 11 Cliff, New York
PERFECTION cutting compounds—Climax Refining Co., Williamson bldg, Cleveland, Ohio
PERFECTION cutting compounds—Middle States Oil Co., 848 B. of L. E. bldg, Cleveland, Ohio
PERFECTION door checks & springs—Morgan Spring Co., Worcester, Mass.
PERFECTION door springs—National Mfg. Co., Worcester, Mass.
PERFECTION door springs—Wire Goods Co., Worcester, Mass.
PERFECTION dust collectors—Prinz & Rau Mfg. Co., 659 E. Water, Milwaukee, Wis.
PERFECTION electric gas lighters—Fischer Bros. & Corwin, 635 N. 3d, Newark, N. J.
PERFECTION electric sign flashers—Electric Carriage Call & Specialty Co., 311 W. 40th, New York
PERFECTION elevator boots—Barnard & Leas Mfg. Co., Moline, Ill.
PERFECTION fanning mills—Johnson & Field Mfg. Co., Racine, Wis.
PERFECTION feed water heaters & feed water purifiers—Perfection Heater & Purifier Co., Milwaukee, Wis.
PERFECTION floor oilers—Perfection Brush & Oiler Co., 621 E. Pratt, Indianapolis, Ind.
PERFECTION floor scrapers—Duncan Bros. & Wray Co., Ludlow Falls, Ohio
PERFECTION fodder shredders—Silver Mfg. Co., Salem, Ohio
PERFECTION fumigators—Jas. R. Wotherspoon, 238 N. Front, Phila., Pa.
PERFECTION garden cultivators—Brown Mfg. Co., Zanesville, Ohio
PERFECTION garden hose reels—Cardington Cabinet Co., Cardington, Ohio
PERFECTION gas machines—American Gas Machine Co., Albert Lea, Minn.
PERFECTION grain graders—Chas. Hunnicut Co., Wilmington, Ohio
PERFECTION flexible battery connectors—Fitzgerville, Pa.
PERFECTION hydraulic tire setters—Lourie Mfg. Co., Springfield, Ill.
PERFECTION insulating washers—Morley Mfg. Co., 120 Boylston, Boston, Mass.
PERFECTION ironing boards—Milford Mfg. Co., Mansfield, Ohio
PERFECTION jointer gauges—Millers Falls Co., 28 Warren, New York
PERFECTION kerosene vapor burning lamps—Ulfers-Holtum Mfg. Co., Freeport, Ill.
PERFECTION kettle ranges—Weaver & Co., New Oxford, Pa.
PERFECTION ladders, revolving ventilators—Berger Bros. Co., 229 Arch, Phila., Pa.
PERFECTION lawn mowers—Dille & McGuire Co., Richmond, Ind.
PERFECTION leaf tobacco dryers—Comas Machine Co., Salem, Va.
PERFECTION lubricators—American Lubricator Co., Detroit, Mich.
PERFECTION lubricators—Crum-Wiley Mfg. Co., Decatur, Ill.
PERFECTION lubricators—Detroit Shipbuilding Co., Detroit, Mich.
PERFECTION lunch boxes—White Paper Box Co., Holyoke, Mass.
PERFECTION marine engines—Caille Perfection Motor Co., Detroit, Mich.
PERFECTION metal polish—Chemical Supply Co., 2450 Canal rd, Cleveland, Ohio
PERFECTION metal polish—German Chemical Supply Co., 9420 Meach av, Cleveland, Ohio
PERFECTION metal store front construction—Perfection Metal Bar Co., 3321 Lorain av, Cleveland, Ohio
PERFECTION metals—Selby Smelting & Lead Co., San Francisco, Cal.
PERFECTION milk coolers—Lewis Mfg. Co., Cortland, N. Y.
PERFECTION mitre boxes—Union Hardware Co., Torrington, Conn.
PERFECTION mixing spoons—Stuber & Kuck, Peoria, Ill.
PERFECTION molasses gates—E. I. Scoville Co., Manlius, N. Y.
PERFECTION molasses gates—John Sommer Faucet Co., 355 Central av, Newark, N. J.
PERFECTION note book holders—Weber-Knapp Co., Jamestown, N. Y.
PERFECTION oil stoves & heaters—Standard Oil Co. of N. Y., 555 W. 25th, New York
PERFECTION oilers—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
PERFECTION oiling sets—Deverall Perfection Mfg. Co., Coney Island av & Johnson pl, Brooklyn, N. Y.
PERFECTION packing—A. W. Chesterton Co., 64 India, Boston, Mass.
PERFECTION packing—Hamilton Rubber Mfg. Co., Trenton, N. J.
PERFECTION packing, journal box waste—Franklin Mfg. Co., Franklin, Pa.

PERFECTION padlocks—Ames Sword Co., Chicopee, Mass.
PERFECTION paper cutters—C. F. Pease Co., 220 W. Institute pl, Chicago, Ill.
PERFECTION paste—Michigan Paste & Mfg. Co., Gd. River, Detroit, Mich.
PERFECTION pie plates, tinware—Richardson Mfg. Co., Bath, N. Y.
PERFECTION pipe clamps—F. A. Nusbaum, 219 Ruffner, Lockland, Ohio.
PERFECTION pipe hangers & sleeves, plates, valves, heating thermometers, gauge glasses & shade holders—Beaton & Cadwell Mfg. Co., New Britain, Conn.
PERFECTION piston rings—Automobile Construction & Engineering Co., 3325 Chestnut, Phila., Pa.
PERFECTION post hole diggers—Iwan Bros., South Bend, Ind.
PERFECTION post hole diggers—Seymour Mfg. Co., Seymour, Ind.
PERFECTION potato planters—S. H. Peek's Sons, East Aurora, N. Y.
PERFECTION potato & pump spray sprayers—Brandt Mfg. Co., 310 3d av, Minneapolis, Minn.
PERFECTION pulley covering—National Mfg. & Engineering Co., 1537 Race, Phila., Pa.
PERFECTION pulley covering—Pulley Facings Co., 249 N. 11th, Phila., Pa.
PERFECTION railway track drills—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.
PERFECTION rain water cut-offs—Chattanooga Roofing & Fdry. Co., Chattanooga, Tenn.
PERFECTION rain water cut-offs—Klauer Mfg. Co., Dubuque, Ia.
PERFECTION ranges—Johnston-Slocum Co., Caro, Mich.
PERFECTION riding listers—Kingman Plow Co., Peoria, Ill.
PERFECTION rivets—Anthony Carlin Co., 2717 E. 75th, Cleveland, Ohio
PERFECTION spray pumps—Barnes Mfg. Co., Mansfield, Ohio.
PERFECTION spray pumps—Thos. Peppler, Hightown, N. J.
PERFECTION spring winders—Hjorth Lathe & Tool Co., 27 School, Boston, Mass.
PERFECTION steam engine indicators—Trill Indicator Co., Corry, Pa.
PERFECTION steam joint clamps—F. A. Nausbaum, 219 Ruffner, Lockland, Ohio.
PERFECTION steel stools—Toledo Metal Furniture Co., Toledo, Ohio.
PERFECTION stencil brushes—Hanlon & Goodman Co., 270 Pearl, New York.
PERFECTION stove pipe & elbows—Jackes-Evans Mfg. Co., Main & Tyler, St. Louis, Mo.
PERFECTION tallow—Consolidated Rendering Co., 40 N. Market, Boston, Mass.
PERFECTION tank heaters — Hunt, Helm, Ferris & Co., Harvard, Ill.
PERFECTION tapping devices—Brewing Appliance Specialty Co., Hartford, Conn.
PERFECTION tire pumps—Judd & Leland Mfg. Co., Clifton Springs, N. Y.
PERFECTION toasters—Kinne Mfg. Co., 1401 Central av, Minneapolis, Minn.
PERFECTION tobacco counter cutters—Wrightsville Hardware Co., Wrightsville, Pa.
PERFECTION tool grinders—Michigan Engine Valve Co., Detroit, Mich.
PERFECTION towel racks—Parker Wire Goods Co., Worcester, Mass.
PERFECTION valve & signal oils—Galena Signal Oil Co., Franklin, Pa.
PERFECTION vehicle washers—Ryan & Long, Appleton, Wis.
PERFECTION waste cans—Geo. W. Diener Mfg. Co., 400 Monticello av, Chicago, Ill.
PERFECTION water heaters—Pompeian Mfg. Co., 2104 Superior av, Cleveland, Ohio
PERFECTION welding compounds—Perfection Welding Compound Co., Scranton, Pa.
PERFECTION wire cord & rope—Upon-Walton Co. of N. Y., 291 B'way, New York
PERFECTION wire stitching machines—J. L. Morrison Co., Niagara Falls, N. Y.
PERFECTION woven wire fence stretchers—Dwiggins Wire Fence Co., Anderson, Ind.
PERFECTION HERCULES lawn swings—Southern Plow Co., Columbus, Ga.
PERFECTO air valves—E. Edelmann & Co., 341 E. Ohio, Chicago, Ill.
PERFECTO hack saw blades—Ross Mfg. Co., Kansas City, Mo.
PERFECTO lubricating oils & greases—Warren Lubricant Co., 22 Maurice, Buffalo, N. Y.

PERFECTOL car cleaning compounds—Modoc Co., Fernwood, Phila., Pa.
PERFEX gas igniters—Electric Goods Mfg. Co., Canton, Mass.
PERIODOGRAPH time recorders—Gisholt Machine Co., Madison, Wis.
PERKINS carpet sweepers, vacuum—Wilbur C. Perkins & Co., 1925 S. Western av, Chicago, Ill.
PERKINS draw stroke trimmers—Perkins & Co., Grand Rapids, Mich.
PERKINS horse & mule shoes, steel toe-calks—Rhode Island Perkins Horse Shoe Co., Valley Falls, R. I.
PERKINS shoveling & end gate boards—Hayes Pump & Planter Co., Galva, Ill.
PERKINS PATTERN nail mill machinery—H. J. Millers Sons, Bridgewater, Mass.
PERLEX binoculars—American Thermo Ware Co., 16 Warren, New York.
PERMABESTOS packing—Crandall Packing Co., Palmyra, N. Y.
PERMACOLOR incandescent lamp coloring—C. E. Franche & Co., 440 Orleans, Chicago, Ill.
PERMA-EFFECT ground connection clamps—Paiste H. T. Co., Arch & 32nd, Phila., Pa.
PERMANERE floor finish — Cleveland Varnish Co., 3111 E. 87th, Cleveland, Ohio
PERMANITE rubber roofing—National Roofing Material Co., Edwardsville, Ill.
PERMANITE sheet packing—H. W. Johns-Manville Co., 41st & Madison av, New York.
PERMANITE casinous cold water paints—M. Fox Ewing Co., 241 E. 136th, New York
PERMANOID asphalt roofing—Warren Chemical & Mfg. Co., 17 Battery pl, New York.
PERMATEX baking enamels—Constant A. Benoit, Sheepshead Bay, N. Y.
PEROLIN boiler compounds—Perolin Co. of America, 1090 W. 37th, Chicago, Ill.
PEROO crucible steel & welding wire—Perkins Steel Co., 143 Liberty, New York
PERPETUAL hay presses—J. A. Spencer, Dwight, Ill.
PERPETUAL metallic packing—High Speed Metallic Packing Co., 305 N. Michigan, Chicago, Ill.
PERRY cocks & bibbs—Federal-Huber Co., 234 N. Halstead, Chicago, Ill.
PERRY packing—La Favorite Rubber Mfg. Co., Hawthorne, N. J.
PERRY pumps—United Pump & Power Co., 182 N Dearborn, Chicago, Ill.
PERRY sausage stuffers—Peck, Stow & Wilcox Co., Southington, Conn.
PERRY sausage stuffers—Sargent & Co., New Haven, Conn.
PERRY side bearings — Joliet Railway Supply Co., Joliet, Ill.
PERRY spring tooth harrows—Massey-Harris Harvester Co., Batavia, N. Y.
PERRY wire scrapers—Dicke Tool Co., Downers Grove, Ill.
PERSONS-ARTER magnetic chucks—Persons-Arter Machine Co., Worcester, Mass.
PERTH gauge glasses—H. A. Rogers Co., 87 Walker, New York.
PERU potato diggers, walking listers & drills—Peru Plow & Wheel Co., Peru, Ill.
PET fertilizer distributors—B. F. Avery & Sons, Louisville, Ky.
PET gauge cocks—Jarecki Mfg. Co., Erie, Pa.
PET laundry stoves—Gray & Dudley Hardware Co., Nashville, Tenn.
PETERS grease traps—Prier Brass Mfg. Co., Kansas City, Mo.
PETERS locomotive headlights—Remy Electric Co., Anderson, Ind.
PETERS pivoted window hardware—Jas. Peters & Son, 1934 N. Front, Phila., Pa.
PETERS pumps—Peters Pump Co., Kewanee, Ill.
PETERS steam traps, water line governors—Steam Appliance Co. Milwaukee, Wis.
PETERSON oil filters—Richardson-Phenix Co., Milwaukee, Wis.
PETERSON'S bolting cloth cleaners—Cream City Can Works, Milwaukee, Wis.
PETERSON'S valve removing tools—Buffum Tool Co., South Side, Louisiana, Mo.
PETITE arc lamps—Western Electric Co., 500 S. Clinton, Chicago, Ill.
PET OAK hot blast stoves—Gray & Dudley Hardware Co., Nashville, Tenn.
PETREL oil cups—Wm. Powell Co., Cincinnati, Ohio.
PETRIFAX waterproofing materials—Dexter Bros. Co., 105 Broad, Boston, Mass.
PETRO sanitary flooring—Petro Pulp Floor Co., Grand av, Temple, Kansas City, Mo.

PETROBESTOS sheet packing—General Asbestos Rubber Co., Charleston, S. C.
PETRO ELECTRIC asphalt cements—Standard Oil Co. of Cal., 200 Bush, San Francisco, Cal.
PETROL cold water paints & kalsomine—J. A. & W. Bird & Co., 88 Pearl, Boston, Mass.
PETROLITE packing mfrs' flange joints & sheet—Dominion Asbestos & Rubber Corp., 154 Nassau, New York
PETROLITHIC concrete tampers — Petrolithic Pavement Co., Los Angeles, Cal.
PETROSOTE shingle stains—Ford Mfg. Co., 2339 La Salle, Chicago. Ill.
PETRY & HECKING beet pulp dryers—Jackson & Church Co., Saginaw, Mich.
PETTERSEN'S & Palmquist's gas analysis apparatus —Eimer & Amend, 205 3d av, New York
PETTINGILL shoe nailing machines—United Shoe Machinery Co., Boston, Mass.
PETTY automobile & carriage heaters—Progressive Mercantile & Mfg. Co., Pana, Ill.
PEXTO bit braces, auger & expansive bits, chisels & gauges, sheet metal workers' machine & tools, fencing, gas & linemen's pliers & nippers, screwdrivers, pruning shears, pipe, engineers' & mechanical wrenches—Peck, Stow & Wilcox Co., Cleveland, Ohio
PEXTO pruning shears—Peck, Stow & Wilcox Co., Southington, Conn.
PFAU closet seats—Pfau Mfg. Co., Mentor & Huston, Norwood, Cincinnati, Ohio
PFEIFFER boot calks—North & Pfeiffer Mfg. Co., Hartford, Conn.
PFLUEGER fish hooks, fishing reels, saddlery hardware—Enterprise Mfg. Co., Akron, Ohio
PHALTOID asphalt roofing—A. H. White Co., Ltd., Howard, Venus, Miro & Tanti, New Orelans, La.
PHELPS electric illuminated signs—Phelps Mfg. Co., Detroit, Mich.
PHELPS steam heaters—Phelps Bros. Co., 101 Beekman, New York
PHELPS IDEAL steam heaters—Ideal Mfg. & Supply Co., Oskaloosa, Ia.
PHENIX lubricators, oil filters, sight flow indicators —Richardson-Phenix Co., Milwaukee, Wis.
PHENIX storm sash hangers, storm doors & windows —Phenix Mfg. Co., Humboldt ave, c Center, Milwaukee, Wis.
PHENOID paint & varnish remover—Chalmers Chemical Co., 115 Chestnut, Newark, N. J.
PHENOLENE disinfectants—National Disinfecting Co., 306 E. 59th, New York
PHILA. arc light cut-outs, conduit joint wrappers, conduit sealing plugs, trolley wire splicing sleeves—Philadelphia Electrical & Mfg. Co., 1228 N. 31st, Philadelphia, Pa.
PHILA. asparagus bunchers—Johnson Mfg. Co., 103 N. Front, Phila., Pa.
PHILADELPHIA bed & furniture casters—Universal Caster & Foundry Works, 574 Ferry, Newark, N. J. See The Bassick Co., Bridgeport, Conn.
PHILADELPHIA carriage bolts, tire bolts—Upson Nut Co., Cleveland, Ohio.
PHILADELPHIA dairy apparatus—Vermont Farm Machine Co., Bellows Falls, Vt.
PHILADELPHIA gasoline motor lawn mowers—Philadelphia Lawn Mower Co., 31st & Chestnut, Phila., Pa.
PHILADELPHIA grease cups—Universal Lubricator Co., 1337 Arch, Phila., Pa.
PHILADELPHIA lawn mowers, lawn trimmers, grass catchers—Philadelphia Lawn Mowers Co., 3107 Chestnut, Philadelphia, Pa.
PHILADELPHIA metal frame window screens—Continental Co., Detroit, Mich.
PHILADELPHIA silos—E. F. Schlichter Co., 10 S. 18th, Phila., Pa.
PHILADELPHIA slat irons—C. Cowles & Co., New Haven, Conn.
PHILADELPHIA tinners' snips—C. E. Jennings & Co., 71 Murray, New York
PHILBRICK arc lamp mast arms—Pettingell-Andrews Co., 166 Pearl, Boston, Mass.
PHILICO carbon paper & typewriter ribbon—Phillips Ribbon & Carbon Co., 88 Manhattan, Rochester, N. Y.
PHILLIPS automatic dumps—Phillips Mine & Mill Supply Co., Pittsburgh, Pa.
PHILLIPS expansion bolts—Garrison Brass & Machine Works, 107 W. 13th, New York
PHILLIPS fusible plugs—Glasgow Iron Works & Supply Co., 28 West, New York
PHILLIPS metal frame window screens—Continental Co., Detroit, Mich.
PHILLIPS sight feed lubricators—Rich Mfg. Co., 370 Atlantic av, Boston, Mass.
PHILLIPS spring hammers—Daugherty, Smith, Phillip Co., 502 W. Division, Chicago, Ill.
PHILLIPS wood boring machines—Ajax Mfg. Co., Pittsburgh, Pa.
PHILLIPS NO-KICK saw guards—Phillips Mfg. Co., Orlando, Fla.
PHILLIPS WORLDS axle grease—Wodl Refining Co., Easton, Pa.
PHOENIX belting, belt dressing—New York Leather Belting Co., 465 Kent ave, Brooklyn, N. Y.
PHOENIX cement—Phoenix Portland Cement Co., Nazareth, Pa.
PHOENIX cork pullers—Arcade Mfg. Co., Freeport, Ill.
PHOENIX fire extinguishers—Missouri Lamp & Mfg. Co., 114 Elm, St. Louis, Mo.
PHOENIX fire-proof floors—Henry Maurer & Son, 420 E. 23rd, New York
PHOENIX gasoline blow torches—Decker Mfg. Co., 251 Elm, Newark, N. J.
PHOENIX horse & mule shoes—Phoenix Horse Shoe Co., Poughkeepsie, N. Y.
PHOENIX metallic window frame—S. Keighley Metal Ceiling & Mfg. Co., 824 Locust, Pittsburgh, Pa.
PHOENIX nickel-steel wire—Electrical Alloy Co., Morristown, N. J.
PHOENIX oil cups—Wm. Powell Co., Cincinnati, Ohio
PHOENIX packing—Crandall Packing Co., Palmyra, N. Y.
PHOENIX packing—H. Johnson Co., Ft. Gates av, Jersey City, N. J.
PHOENIX porcelain plumbing supplies—General Ceramics Co., 50 Church, New York
PHOENIX packing, cotton & rubber hose—Boston Belting Corp., 84 Linden Park, Boston, Mass.
PHOENIX saw swages—Phoenix Mfg. Co., Eau Claire, Wis.
PHOENIX saw vises—Phoenix Hardware Co., Buffalo, N Y.
PHOENIX valve & service boxes—Central Foundry Co., 90 West, New York
PHOENIX BULL DOG steel toe-calks—Phoenix Horse Shoe Co., 209 S. La Salle, Chicago, Ill.
PHONEDOSCOPE trouble finders—G. P. Pilling & Son Co., 23rd. & Arch, Phila., Pa.
PHONE-EZE desk telephone brackets—Fox-Borden Mfg. Co., P. O. Box, 103, Station A., Hartford, Conn.
PHONO-ELECTRIC trolley wire—Bridgeport Brass Co., Bridgeport, Conn.
PHONOPOISE desk telephone brackets—K. & B. Co., 25 No. 7th, Phila., Pa.
PHOSPO chemical engine hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
PHOTOSTAT photographic copying machines—Commercial Camera Co., Rochester, N. Y.
PIANO mowers—International Harvester Company of America, Inc., Harvester bldg, Chicago, Ill.
PIANOLITE electric & gas light fixtures—Franks Mfg. Co., Rock Island, Ill.
PICADURA tobacco scrap cutting machines—Miller, Du Brul & Peters Mfg. Co., 507 E. Pearl, Cincinnati, Ohio
PICHE evaporometers—Henry J. Green, 1191 Bedford ave, Brooklyn, N. Y.
PICHER red lead; litharge—The Eagle Picher Lead Co., 208 S. La Salle, Chicago, Ill.
PICKET oil cups—Wm. Powell Co., Cincinnati, Ohio
PICNIC clothes washing machines—Davenport Washing Machine Co., Davenport, Ia.
PICOLO benzine soldering iron—Globe Gas Light Co., 25 Union, Boston, Mass.
PIERCE amalgamating pans & barrels—L. S. Pierce, 1650 Champa, Denver, Colo.
PIERCE'S commode pails—Northwestern Stamping Co., Burlington, Ia.
PIERCE steam heaters, hot water radiators—Pierce, Butler Co., 437 E. 162nd, New York
PIERESCO wall finish—F. O. Pierce Co., 30 Tiffany pl, Brooklyn, N. Y.
PIERSEN telegraph transmitters—Piersen Telegraph Transmitter Co., Topeka, Kan.
PIGTAIL horse back bands—Couch Bros. Mfg. Co., Atlanta, Ga.
PIKE'S Peak cement—Colorado Portland Cement Co., Denver, Colo.
PILABRASCO fire extinguishers—Pittsburgh Lamp Brass & Glass Co., Pittsburgh, Pa.
PILGRIM belting—B. F. Goodrich Co., Akron, Ohio.
PILGRIM oil cups—Wm. Powell Co., Cincinnati, Ohio
PILGRIM packing—Mulconroy Co., 54th & Jefferson, Philadelphia, Pa.
PILLEY flue brushes—Pilley Flue Brush Co., 601 S. 3rd, St. Louis, Mo.
PILLIOD tool cases—Pilliod Lumber Co., Swanton, Ohio

PILLSBURY road oilers—Cressy Contracting Co., Gloucester, Mass.
PILOT acetylene gas machines—Oxweld Acetylene Co., 640 Frelinghusen av, Newark, N. J.
PILOT door hangers—A. L. Swett Iron Works, Medina, N. Y.
PILOT gate valves—Wm. Powell Co., Cincinnati, Ohio
PILOT marine engines—Trump Bros. Machine Co., Beech & Anchorage, Wilmington, Del.
PILOT plows—South Bend Chilled Plow Co., South Bend, Ind.
PILOT stalk cutter attachments—Hartman Mfg. Co., Vincennes, Ind.
PINATINE turpentine substitute—Wm. T. Baker, 224 Suydam av, Jersey City, N. J.
PINEO saw guides—New Britain Machine Co., 190 Chestnut, New Britain, Conn.
PIN-E-OLA disinfectants—Alcatraz Co., Richmond, Va.
PINEOSOTE pine oils, rosin, wood cresote—Forest Products Co., New Orleans, La.
PINE STATE andirons—S. R. White's Sons, Norfolk, Va.
PINE TREE turpentine—Thomas Sealy, 138 Front, New York
PINGREE potato planters—Potato Implement Co., Traverse City, Mich.
PINNACLE belting, tank balls—B. F. Goodrich Co., Akron, Ohio
PINNACLE oil cups—Wm. Powell Co., Cincinnati, Ohio
PINOSOL disinfectants—Brewer & Co., Worcester, Mass.
PINTSCH car lighting apparatus gas buoys—Safety Car Heating & Lighting Co., 2 Rector, New York
PINTSCH digesters—International Process Co., 5 Beekman, New York
PIONEER canned goods—Otoe Food Products Co., Nebraska City, Nebr.
PIONEER carbon paper—Crown Ribbon & Carbon Mfg. Co., Rochester, N. Y.
PIONEER curtain fasteners, bow sockets, bow rests, top prop nuts, top joints—Crandall, Stone & Co. Division, The Brewer-Titchener Corp., Binghamton, N. Y.
PIONEER clay working machy—Taplin-Rice-Clerkin Co., Akron, Ohio
PIONEER drag line scraper & dredging & excavating buckets—Mansfield Engineering Co., cor. E. Market & Penn, Indianapolis, Ind.
PIONEER expansion joints—Pioneer Asphalt Co., Lawrenceville, Ill.
PIONEER farm wagons—Smith Mfg. Co., La Crosse, Wis.
PIONEER hardwood doors—W. D. Crooks & Sons, Williamsport, Pa.
PIONEER incandescent renewed lamps—Consolidated Electric Lamp Co., Danvers, Mass.
PIONEER lubricating oils & greases—Cornplanter Lubricating & Oil Co., ft. Drake, St. Paul, Minn.
PIONEER oil cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
PIONEER metal polish, carriage top dressing, valve grinding compounds—Northwestern Chemical Co., Marietta, Ohio
PIONEER molding sander machines—Austin & Eddy, 117 Broad, Boston, Mass.
PIONEER mortise blind hinges—Wrightsville Hardware Co., Wrightsville, Pa.
PIONEER packing—Cancos Mfg. Co., 146 N. 2nd, Philadelphia, Pa.
PIONEER packing, rubber hose—Goodyear Rubber Co. & Rubber Clothing Co., 787 Broadway, New York.
PIONEER padlocks—Slaymaker Lock Co., Lancaster, Pa.
PIONEER pig iron—Republic Iron & Steel Co., Youngstown, Ohio
PIONEER pig iron—Cleveland Cliffs Iron Co., Rockefeller bldg, Cleveland, Ohio
PIONEER post hole diggers—F. E. Kohler Co., Canton, Ohio
PIONEER rubber buckets—National India Rubber Co., Bristol, R. I.
PIONEER screw drivers—W. A. Ives Mfg. Co., Wallingford, Conn.
PIONEER telephone receivers—Automatic Electric Co., 1001 W. Vanburen, Chicago, Ill.
PIONEER twist drills—Lincoln-Williams Twist Drill Co., Taunton, Mass.
PIONEER white & red lead—W. P. Fuller & Co., San Francisco, Cal.
PIONEER-AMERICAN sheep shearing machines—Oscar Goes & Co., 1822 W. Lake, Chicago, Ill.
PIPE DREAM stove pipe enamels—Rath Mfg. Co., Hedley & Richman, Phila., Pa.
PIQUA shelf brackets—Piqua Bracket Co., Piqua, Ohio
PIRATE bicycle pedals—Torrington Co., The Standard Plant, Torrington, Conn.
PIRENBESTOS packing—Crandall Packing Co., Palmyra, N. Y.
PIRSCH fire hose shut off—Peter Pirsch & Co., Kenosha, Wis.
PITCHER door hangers—National Mill & Lumber Co., 5th & Bryant, San Francisco, Cal.
PITKIN friction clutches—Wellman-Seaver-Morgan Co., Cleveland, Ohio
PITMAN lever shears—Youngstown Foundry & Machine Co., Youngstown, Ohio
PITNER gasoline lighting systems—Pitner Gasoline Lighting Co., 8 E. Kinzie, Chicago, Ill.
PITNER tire air pumps—Sunderland Mfg. Co., 600 W. 22d, Chicago, Ill.
PITNEY shutter workers—Quincy Foundry & Novelty Co., Quincy, Ill.
PITOT tube water meters—Simplex Valve & Meter Co., 110 N. Broad, Phila., Pa.
PITT car couplers—McConway & Torley Co., 48th & A. V. R. R., Pittsburgh, Pa.
PITT unions—Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
PITT-BOSTWICK folding gates—Wm. R. Pitt Composite Iron Works, 221 W. 26th, New York
PITTCOAL steam heaters—Pittsburgh Water Heater Co., 610 Columbia Bank bldg., Pittsburgh, Pa.
PITTS sweep horse powers—Cehl Bros. Mfg. Co., West Bend, Wis.
PITTSBURG feed water heaters—Elliott Co., Pittsburgh, Pa.
PITTSBURGH anti-freezing water closets—Pittsburgh Brass Mfg. Co., Pittsburgh, Pa.
PITTSBURGH blow-off valves, gauge cocks, gauges, exhaust heads, steam separators, gas valves, coke scraper heads, safety water columns & alarms—Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
PITTSBURGH brake handle—Dayton Mfg. Co., Dayton, Ohio
PITTSBURGH cast iron cleanouts, union elbows, gate valves, steam traps—Pittsburgh Valve & Fittings Co., Pittsburgh, Pa.
PITTSBURGH drop hammers—United Engineering & Fdry Co., Pittsburgh, Pa.
PITTSBURGH enameled iron conduits—Enameled Metals Co., 61 Prince, Pittsburgh, Pa.
PITTSBURGH grate bars—Rosedale Foundry & Machine Co., Pittsburgh, Pa.
PITTSBURGH incandescent gas burners—Hipwell Mfg. Co., 831 W. North av, Pittsburgh, Pa.
PITTSBURGH insulator pins, trolley street poles—Valley Forging Co., Verona, Pa.
PITTSBURGH lock mortising machines—Pittsburgh Instrument & Machine Co., 236 3rd av, Pittsburgh, Pa.
PITTSBURGH pneumatic tool lubricators—A. M. Carrom & Co., Pittsburgh, Pa.
PITTSBURGH tube expanders—Ajax Mfg. Co., N. S. Pittsburgh, Pa.
PITTSBURGH wall ties—McDowell Mfg. Co., Home Trust bldg., Pittsburgh, Pa.
PITTSBURGH water heaters—Pittsburgh Water Heater Co., Columbia Bank bldg., Pittsburgh, Pa.
PITTSFIELD spark coils—Pittsfield Spark Coil Co., Pittsfield, Mass.
PITTSTON stoves—Pittston Stove Co., Pittston, Pa.
PLANERS OF WOODS, cutter heads, grinders, planing, wood working, box making, shipbuilding & sawmill machinery—S. A. Woods' Machine Co., Boston, Mass.
PLANET marine gears—Marine Mfg. & Supply Co., 158 South, New York
PLANET oil cups—Wm. Powell Co., Cincinnati, Ohio
PLANET safety fuse—du Pont de Nemours & Co., E. I., Wilmington, Del.
PLANET, Jr., cultivators, cultivator shovels, cultivator teeth, fertilizer drills, harrows & pulverizers, garden seeders, sowers & weeders, planters, potato diggers—S. L. Allen & Co., Denckla bldg, Phila., Pa.
PLANO binders & binder twine—International Harvester Company of America, Inc., Harvester bldg., Chicago, Ill.
PLANSIFTER flour sifters—Barnard & Leas Mfg. Co., Moline, Ill.
PLANTATION feed cutters—Silver Mfg. Co., Salem, Ohio
PLANTERS GEM cart sprayer—Deming Co., Salem, Ohio
PLANTERS' TRACTOR cart sprayer—Deming Co., Salem, Ohio
PLASTELINE modeling clays—Stewart & Co., 24 Broadway, New York

PLASTERITE damp course—Pacific Refining & Roofing Co., 16th & Texas, San Francisco, Cal.
PLASTIC roofing cements—Republic Paint & Lead Works., E. 131st & Taft av, Cleveland, Ohio.
PLASTIC TOCKOLITH marine paints—Toch Bros., 320 5th av, New York
PLASTIC waterproofing materials—Flintkote Co., 88 Pearl, Boston, Mass.
PLASTOMETER rubber testing machines—Pusey & Jones Co., ft. Poplar, Wilmington, Del.
PLASTONE sanitary flooring & drainboards—Plastone Co., Los Angeles, Cal.
PLATA babbitt metal, journal bearings—Atkinson Co., Rochester N. Y.
PLATINOID imitation platinum—Manhattan Dental Co., Times bldg, New York
PLATT cotton openers, wool finishing machines—Leigh & Butler, 232 Summer, Boston, Mass.
PLATTNER mowers, hand carts—Plattner Yale Mfg. Co., Lincoln, Nebr.
PLATT'S carding engines, cotton combs, mules—Lehigh & Butler, 232 Summer, Boston, Mass.
PLAYFORD mechanical stokers—Rosedale Foundry & Machine Co., Columbus & Preble, Pittsburgh, Pa.
PLAY-E-Z phonograph & talking mach. motors—Hamilton-Beach Mfg. Co., Racine, Wis.
PLOMO belt dressing—Plomo Specialty Mfg. Co., Cleveland, Ohio
PLOVER duck decoys—William Read & Sons, 364 Washington, Boston, Mass.
PLOW BOY back hand buckles—Stanley Works, New Britain, Conn.
PLUMBAGO sheet packing—Thermoid Rubber Co., Trenton, N. J.
PLUMBERS' friend pumps—Wolverine Brass Works, Grand Rapids, Mich.
PLOW MAN gasoline tractors—Interstate Tractor Co., Waterloo, Ia.
PLUMBESTO packing—Bowers Rubber Works, San Francisco, Cal.
PLUME marine & pumping gas & gasoline engines—Neponset Engine & Machine Co., Neponset, Boston, Mass.
PLUMMER steam heaters—Putnam Foundry & Machine Co., Putnam, Conn.
PLUMWOOD metallic shades—Plume & Atwood Mfg. Co., Waterbury, Conn.
PLUNKET drilling & milling machine vises—James E. Plunket, 1342 W. Lake, Chicago, Ill.
PLURALITY bolt cutting machines—Mummert, Dixon Co., Hanover, Pa.
PLUTO oil cups—Wm. Powell Co., Cincinnati, Ohio
PLUVIOL carriage top dressing—Viscol Co., Cambridge, Mass.
PLUVIUS water closets—Central Metal & Supply Co., 611 E. Lombard, Baltimore, Md.
PLYMOUTH belting—Boston Woven Hose & Rubber Co., Cambridge, Mass.
PLYMOUTH gasoline locomotives—J. D. Fate Co., Plymouth, Ohio
PLYMOUTH grain drills, rice planting drills—Wm. Fetzer Co., Springfield, Ill.
PLYMOUTH shoe lasts & stands—Root-Heath Mfg. Co., Plymouth, Ohio
PLYMOUTH wall plaster—Plymouth Gypsum Co., Fort Dodge, Ia.
PLYMOUTH ROCK cobblers' outfits—Root-Heath Mfg. Co., Plymouth, Ohio
PNEU-vent air valves—Pierce, Butler & Pierce Mfg. Corp., 437 E. 162nd, New York
PNEUMATIC revolution counters—McNab Co., Bridgeport, Conn.
PNEUMELECTRIC coal punchers—Pneumelectric Machine Co., Syracuse, N. Y.
PNEUOXYUM pneumatic tool lubricants—O. F. Zurn Co., Broad & Lehigh, Phila., Pa.
POAGE'S railroad water columns & cranes—American Valve & Meter Co., Cincinnati, Ohio
POCAHONTAS coke—Flat-top Fuel Co., Bluefield, W. Va.
POCO printers' proof presses—Potter Printing Press Co., Plainfield, N. J.
POCOMOKE air drill hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
POCONO stoves—Pittston Stove Co., Pittston, Pa.
POHLE pneumatic lifts, return air pumps—Ingersoll Rand Co., 11 Broadway, New York
POIDOMETER automatic weighing machines—Schaffer Eng. & Equipment Co., Tiffin, O.
POINTER oil cups—Wm. Powell Co., Cincinnati, Ohio
POINTER RANGE boilers—Haines, Jones & Cadbury Co., 1130 Ridge ave, Phila., Pa.
POKE porcelain insulators—Colonial Sign & Insulator Co., Akron, Ohio
POKE BONNET window reflectors—Curtis-Leger Fixture Co., 235 W. Jackson blvd, Chicago, Ill.
POLACK rubber tires—Polack Tyre & Rubber Co., 1876 Broadway, New York
POLAR belt dressing—Geo. W. Southwick Co., Stamford, Conn.
POLAR refrigerators—Heinz & Munschauer, Buffalo, N. Y.
POLAR BRAND cuspidors, fry pans & kitchen enameled ware—Porcelain Enameling Assn. of America, Sheboygan, Wis.
POLAR CUB electric portable fans—A. C. Gilbert Co., New Haven, Conn.
POLARINE lubricating oils & greases—Standard oil Co. of N. J., 26 Broadway, New York
POLARIS oil cups—Wm. Powell Co., Cincinnati, Ohio
POLISHINE metal polish—Cleaner Mfg. Co., 2842 Olive, St. Louis, Mo.
POLLYWOG scrubbing brushes—Standard brush Co., New Hartford, Conn.
POLO harness snaps—Covert Mfg. Co., Troy, N. Y.
POLSON auxiliary automobile seats—Polson Mfg. Co., Buffalo, N. Y.
POLYGON concrete mixers, gasoline hoists—Waterloo Cement Machinery Corp., Waterloo, Ia.
POLYSCOPE moving picture machines—Selig Polyscope Co., 58 E. Washington, Chicago, Ill.
POMONA barrel spray pumps—Goulds Mfg. Co., 71 W. Fall, Seneca Falls, N. Y.
POMPEIIAN bronzed wire cloth—Clinton Wire Cloth Co., Clinton, Mass.
POMPTON high carbon steel—Ludlum Steel Co., Watervliet, N. Y.
POND ventilating apparatus—David Lupton's Sons Co., Allegheny ave & Tulip, Phila., Pa.
PONDALLOY engine pistons—Pondelick Bros., Chicago, Ill.
PONOLITH—the highest grade lithophone—The Krebs Pigment & Chemical Co., Newport, Del.
PONOLITH lithopone—Heller & Merz Co., 503 Hudson, New York
PONTAR road, refined & dehydrated tar—Du Pont Chemical Works, 120 B'way, New York
PONTIAC rubber hose—National India Rubber Co., Bristol, R. I.
PONTIUS sealing wax—Dicks-Pontius Co., Dayton, Ohio
PONTOKLENE auto cleaner & polisher—Du Pont Chemical Works, 120 B'way, New York
PONY feed cutters—Silver Mfg. Co., Salem, Ohio
PONY hand riveting machines—F. H. Smith Mfg. Co., 3047 Carroll ave, Chicago, Ill.
POOR MAN'S FRIEND incubators & brooders—Geo. Ertel Co., Quincy, Ill.
POPE motor cycles—Pope Mfg. Co., Hartford, Conn.
POPE-HARTFORD motor fire engines—Pope Mfg. Co., Hartford, Conn.
POPE'S farriers' knives—T. J. Pope Saugoit, N. Y.
POPPY rubber hose—Bowers Rubber Works, San Francisco, Cal.
POPULAR cobbler's outfits—Root-Heath Mfg. Co., Plymouth, Ohio
POPULAR oil & grease cups—Wm. Powell Co., Cincinnati, Ohio
POPULAR porch columns—Cleveland Column Co., 1826 Columbus rd, Cleveland, Ohio
POPULAR snow shovels—B. W. Aldrich & Co. Wallingford, Vt.
POPULAR twine holders—New York Roll Wrapping Paper Co., 84 Beekman, New York
PORCELAVA insulating material—Burgess & Co., East Liverpool, Ohio
PORCELITE enamel paints—Thomson Wood Finishing Co., 827 N. 3rd, Phila., Pa.
PORCELOID closet seats—Sanitary Specialty Co., 1824 E. Clearfield, Phila., Pa.
PORCUPINE road scarifiers—Universal Road Machinery Co., Kingston, N. Y.
PORSLYN brushes—Alpha brush Co., Troy, N. Y.
PORTAGE rubber tires—Portage Rubber Co., Akron, Ohio
PORTEOUS babbitt metal, journal bearings—Edna Brass Mfg. Co., Cincinnati, Ohio
PORTER barn door hangers, hay carriers, hay fork pulleys, never-slip wagon jacks—J. E. Porter Co., Ottawa, Ill.
PORTER battery motors—Davis Kendrick Co., Lebanon, N. H.
PORTER belt clamps—Hoggson & Pettis Mfg. Co., New Haven, Conn.
PORTER car derailers—Cleveland Frog & Crossing Co., Cleveland, Ohio
PORTER—carriage axles—Lee & Porter Buchanan, Mich.
PORTER cutter heads, pattern maker's lathes & buzz planing machines—C. O. Porter Machinery Co., Grand Rapids, Mich.
PORTER metal frame window screens—Continental Co., Detroit, Mich.

PORTER pattern makers' lathes—Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
PORTER safety tin seals—Porter Safety Seal Co., 1110 W. Lake, Chicago, Ill.
PORTER'S shoe rest—Nicol & Co., 218 N. Jefferson, Chicago, Ill.
PORT HURON road scarifiers, traction engines—Port Huron Engine & Thresher Co., Port Huron, Mich.
PORTLAND automobile turntables—Portland Garage Co., Portland, Me.
PORTLAND case hardening compounds—Rogers & Hubbard Co., Middletown, Conn.
PORTLAND paper punching machinery—Southworth Machine Co., Portland, Me.
PORTLAND slime filters & filter presses—Colorado Iron Works Co., Denver, Colo.
PORTSMOUTH iron—Whitaker, Glessner Co., Wheeling, W. Va.
POSITIVE barn door latches—Frantz Mfg. Co., Sterling, Ill.
POSITIVE candle lubricators—Wm. J. Faul Co., 137 Front, New York
POSITIVE grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
POSITIVE hot water heaters—Monitor Steam Generator Mfg. Co., Phila., Pa.
POSITIVE lock washers—Riverside Steel Spring Co., Riverside, N. J.
POSITIVE tire vulcanizers—Midland Supply Co., Davenport, Ia.
POSITIVE SEAL waterproofing materials—Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.
POST'S valve discs—E. L. Post & Co., 50 Cliff, New York
POST'S ZERO babbitt metal—E. L. Post & Co., 50 Cliff, New York
POTENTIAL transformers—Western Electric Co., 463 West, New York
POTENTIOSTAT transformers—U. S. E. M. Co., 301 W. 37th, New York
POTOMAC cover paper—District of Columbia Paper Mfg. Co., 3255 K N W., Washington, D. C.
POTOMAC reclaimed rubber—Nearpara Rubber Co., Trenton, N. J.
POTOMAC A. reclaimed rubber—Nearpara Rubber Co., Trenton, N. J.
POTTER basting spoons, cake turners, carpet stretchers, mincing knives—Potter Mfg. Co., Geneva, Ohio
POTTER belt fasteners—Jewell Belting Co., Hartford, Conn.
POTTER printers' proof presses—Potter Printing Press Co., Plainfield, N. J.
POTTER-FAULTLESS aluminum hollow ware—National Aluminum Wks., Elmira, N. Y.
POTTS cellar doors—Potts Mfg. Co., Mechanicsburg, Pa.
POTTSTOWN corn shellers—Ellis Keystone Agricultural Works, Pottstown, Pa.
POUCH cigarette packing machines—American Machine & Foundry Co., 5520 2d av, Brooklyn, N. Y.
POWELL blow-off, butterfly & hydraulic valves, blowguns, brass oil cups, oil gauges, valve reseating tools, wrenches—Wm. Powell Co., Cincinnati, Ohio
POWELL miners squibs—du Pont de Nemours & Co., E. I., Wilmington, Del.
POWELL miners squibs—John R. Powell, Plymouth, Pa.
POWELL PATENT GUARD steam cocks—Wm. Powell Co., Cincinnati, Ohio
POWELL WHITE STAR valves—Wm. Powell Co., Cincinnati, Ohio
POWER belting, packing—Voorhees Rubber Mfg. Co., 18 Bostwick av., Jersey City, N. J.
POWER dry batteries—Union Battery Co., Belleville, N. J.
POWER fruit & vegetable parers—Goodell Co., Antrim, N. H.
POWERS arc light cut-outs—Troy Electrical Co., Troy, N. Y.
POWERS automobile oil soap—E. A. Buck Co., Worcester, Mass.
POWERS mitering & cutting machines for painters—Triumph Mfg. Co., 500 Delaware, Kansas City, Mo.
POWERS revolving chimney tops—Williams Hardware Co., Streator, Ill.
POWERS rubber horse shoes—Powers Rubber Horseshoe Co., 224 W. Huron, Chicago, Ill.
POWERS wagon jacks—Millers Falls Co., 28 Warren, New York
POWER SAVER pulley covering—Kinkead Mfg. Co., 45 High, Boston, Mass.
POWHATTAN belt dressing—Smith & Courtney Co., Richmond, Va.
PRACTICAL cobblers' outfits—Root-Heath Mfg. Co., Plymouth, Ohio
PRACTICAL fibrous packing—Pittsburgh Steam Packing Co., 210 Second av, Pittsburgh, Pa.
PRACTICAL kitchen sets—American Cutlery Co., 764 Mather, Chicago, Ill.
PRAHM railway signal flags—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
PRAIRIE clover bunchers—American Buncher Mfg. Co., Oliver & Harding, Indianapolis, Ind.
PRAIRIE QUEEN hay carriers—J. E. Porter Co., Ottawa, Ill.
PRAIRY suction hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
PRANG paints, water color, toy & school—American Crayon Co., 1300 Hayes av, Sandusky, Ohio, & Waltham, Mass.
PRATT belt sifters—Chandler & Farquhar Co., 36 Federal, Boston, Mass.
PRATT cotton ginning machinery—Continental Gin Co., Birmingham, Ala.
PRATT plow clevises & husking pins—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.
PRATT steam traps—Pratt & Cady Co., Hartford, Conn.
PRATT vacuum pumps—C. H. Wheeler Mfg. Co., Lehigh av & N. 18th, Phila., Pa.
PRATT-DUMAS filter paper—E. Fougera & Co., 90 Beekman, New York
PRATT'S HANDY harness hooks—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.
PRECISE graduating valves—Haynes-Thompson Co., 2107 Vine, Phila., Pa.
PRECISE levels—Bausch & Lomb Optical Co., Rochester, N. Y.
PRECISION coil presses, armature & field coil winding machines—Oliver Electric & Mfg. Co., 2221 Lucas, St. Louis, Mo.
PREMAX hame chains, key chains, special dog couplers—Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
PREMIER air valves—Frantz-Premier Co., Cleveland, Ohio
PREMIER annunciators—Stanley & Patterson, 23 Murray, New York
PREMIER curtain fasteners—Crandal, Stone & Co. Division, The Brewer-Titchener Corp., Binghamton, N. Y.
PREMIER cobblers' outfits—Root-Heath Mfg. Co., Plymouth, Ohio
PREMIER coffee & spice mills—Wrightsville Hardware Co., Wrightsville, Pa.
PREMIER inserted tooth saws—Henry Disston & Sons, Tacony, Phila., Pa.
PREMIER kerosene lamp burners—Wheeling Stamping Co., Wheeling, W. Va.
PREMIER lawn mowers—American Lawn Mower Co., Muncie, Ind.
PREMIER lawn mowers—S. P. Townsend & Co., Orange, N. J.
PREMIER lawn swings—Western Paper & Mfg. Co., Dayton, Ohio
PREMIER lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
PREMIER numbering machines—R. A. Stewart & Co., 201 Broadway, New York
PREMIER screw drivers—Cassady, Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
PREMIER screw pitch gauges, spring calipers & dividers—Athol Machine Co., Athol, Mass.
PREMIER self-closing faucets & stop valves—Vulcan Brass Mfg. Co., 24 Noble Court, Cleveland, Ohio
PREMIER sleeve wire connectors—Bryant Zinc Co., 600 Orleans, Chicago, Ill.
PREMIER spray pumps—Goulds Mfg. Co., 71 W. Fall, Seneca Falls, N. Y.
PREMIER steam & hot water heaters—American Radiator Co., 830 S. Michigan av, Chicago, Ill.
PREMIER walking & riding cultivators—Kingman Plow Co., Peoria, Ill.
PREMIER water meters—National Meter Co., 299 Broadway, New York
PREMIER woven wire fences—Enterprise Iron Works, Indianapolis, Ind.
PREMIUM babbitt metal—Chicago Bearing Metal Co., 2220 W. 43rd, Chicago, Ill.
PREMIUM card & paper cutters—American Specialty Co., Bridgeport, Conn.
PREMIUM oil & grease cups—H. B. Sherman Mfg. Co., Battle Creek, Mich.
PREMIUM road machines & graders—Galion Iron Works & Mfg. Co., Galion, Ohio
PREMIUM whiffletree hooks—Giblin & Co., Utica, N. Y.
PREMO cameras—Eastman Kodak Co., Rochester, N. Y.
PREMO children's vehicles—National Juvenile Auto Co., Toledo, Ohio

PREMO gas stoves—Eclipse Stove Co., Mansfield, Ohio
PREMO LINK chains—Oneida Chain Co., Oneida, N. Y.
PRENDERGRAST corn brooms—Mass. Commission for the Blind, Cambridge, Mass.
PRENIX combined window screen & awning—Phenix Mfg. Co., Milwaukee, Wis.
PRENOLEUM wood preservatives—Dielectric Mfg. Co., 224 S. Vandeventer av, St. Louis, Mo.
PRENTICE anti-rail creepers—Cleveland Frog & Crossing Co., Cleveland, Ohio
PRENTICE wood bits—Union Twist Drill Co., Athol, Mass.
PRENTICE wood bits—Whitman & Barnes Mfg. Co., Akron, Ohio
PRENTISS pipe & bench vises—Prentiss Vise Co., 110 Lafayette, New York
PRESCOTT plasters' steel corner beads—J. B. Prescott & Son, Webster, Mass.
PRESERVO waterproofing materials—Robeson Preservo Products Co., Port Huron, Mich.
PRESIDENT carbonators—S. Twitchell Co., 223 Vine, Phila., Pa.
PRESSURE proof packing—A. W. Chesterton Co., 64 India, Boston, Mass.
PRESSURITE automobile gauges—Improved Gauge Mfg. Co., 820 W. Water, Syracuse, N. Y.
PRESTEEL brake drums—Worcester Pressed Steel Co., Worcester, Mass.
PRESTEL waste paper baling presses—Midland Supply Co., Davenport, Iowa
PRESTO automobile engine starters—W. Roberson Machine & Foundry Co., 56 Rano, Buffalo, N. Y.
PREST-O carbon removers—Prest-o-Lite Co., Indianapolis, Ind.
PRESTO carriage top dressing—Fiebling Chemical Co., 240 Reed, Milwaukee, Wis.
PRESTO cigar lighters, electric heaters, massage vibrators, soldering irons, toasters, coffee percolators, egg boilers, chafing dishes—Presto Electrical Mfg. Co., San Francisco, Cal.
PRESTO cigar lighters, electric lamp flashlights—Metal Specialties Mfg. Co., 338 N. Kedzie av, Chicago, Ill.
PRESTO coasting sleds—Kalamazoo Sled Co., Kalamazoo, Mich.
PREST-O cutlery polish—Black Cat Polish Co., 34 Washington, Buffalo, N. Y.
PRESTO drill chucks—Whitney Mfg. Co., Hartford, Conn.
PRESTO paper clips—Anthony Eisler & Co., 227 Canal, New York
PRESTO razor strop hooks—C. A. Peck H'dwe Co., Berlin, Wis.
PRESTO soldering flux, paste, salts & stick—L. B. Allen Co., 4519 N. Lincoln, Chicago, Ill.
PRESTO transformer covering radiators—Pressed Metal Radiator Co., Pittsburgh, Pa.
PRESTO twist drill collets—Whitney Mfg. Co., Hartford, Conn.
PREST-O-LITE automobile headlights, oxy-acetylene welding outfits—Prest-O-Lite Co., 416 N. Capitol ave, Indianapolis, Ind.
PRESTON'S carpet beaters, shingle bands—Hollow Cable Mfg. Co., Hornell, N. Y.
PRESTOSHINE metal polish—W. S. Sheppard, 21 Lawrence, Newark, N. J.
PRESTWICH fluid thickness gauge—Coats Machine Tool Co., 30 Church, New York
PRIBNOW saw swages—Pribnow Swage & Tool Works, Mellen, Wis.
PRICE current meters—W. & L. E. Gurley, Troy, N. Y.
PRICE fireproofing compounds, waterproofing materials—Price Fire & Waterproofing Co., Poughkeepsie, N. Y.
PRICE-RATHBUN marine oil engines—Rathbun-Jones Engineering Co., 841 Spencer, Toledo, Ohio
PRIDE OF ST. LOUIS farm wagons—Linstroth Wagon Co., 2616 Chouteau av, St. Louis, Mo.
PRIDE OF THE BAR powder polish—J. C. Paul & Co., 930 Roscoe, Chicago, Ill.
PRIDE STANDARD nut crackers & picks—Cassady, Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
PRIER basin cocks, roof flashings—Prier Brass Mfg. Co., Kansas City, Mo.
PRIESTMAN pneumatic electric sewage ejectors, bilge pumps, stationary screens—Merritt Hydraulic Co., 110 N. Broad, Philadelphia, Pa.
PRIESTMAN sewage ejectors—Albert Priestman, 328 Chestnut, Philadelphia, Pa.
PRIEST'S horse clippers, sheep shearing machines—American Shearer Mfg. Co., Nashua, N. H.
PRIMA enam. steel shades—C. D. Wood Electric Co., 441 B'way, New York
PRIME natural color waste—Estes Mills, Fall River, Mass.
PRIMES cream separators—Buckeye Churn Co., Sidney, Ohio
PRIME WESTERN spelter—New Jersey Zinc Co., 55 Wall, New York
PRIMM crude oil engines—Power Mfg. Co., Marion, Ohio
PRIMO belt dressing & belt cements—Druid Oak Belting Co., 111 E. Lombard, Baltimore, Md.
PRIMO gasoline lighting systems—Windhorst & Co., 205 N. 12th, St. Louis, Mo.
PRIMO grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
PRIMROSE closet seats—Wm. S. Emery, 118 E. 28th, New York
PRIMROSE garden trowels—N. Y. Stamping Co., N. 11th & Berry, Brooklyn, N. Y.
PRIMROSE lawn mowers—Chadborn & Coldwell Mfg. Co., Newburgh, N. Y.
PRIMUS card tables—E. T. Burrowes Co., Portland, Me.
PRIMUS lubricating oils & greases—Penn. Petroleum & Supply Co., 115 N. 2nd, Philadelphia, Pa.
PRINCE clothes washing machines—Reading Wood Pulley Co., Reading, Pa.
PRINCE cotton planters—Avery Co., Peoria, Ill.
PRINCE steam heaters—International Heater Co., Utica, N. Y.
PRINCELY water closets—Jas. Barrett Mfg. Co., 117 Pearl, Boston, Mass.
PRINCESS artificial stone laundry tubs—Chicago Granitine Mfg. Co., 3619 Wall, Chicago, Ill.
PRINCESS cover paper—C. H. Dexter & Sons, Windsor Locks, Conn.
PRINCESS electric sad irons—Chicago Flexible Shaft Co., 5600 W. 12th, Chicago, Ill.
PRINCESS gasoline lighting systems—Allen-Sparkes Gas Light Co., Lansing, Mich.
PRINCESS hand vacuum cleaners—Suction System Cleaning Co., Sidney, Ohio
PRINCESS radiators—H. B. Smith Co., Westfield, Mass.
PRINCESS lawn mowers—B. F. Avery & Son, Louisville, Ky
PRINCESS pig iron—Princess Furnace Co., Glen Wilton, Va.
PRINCESS scythe snaths—Seymour Mfg. Co., Seymour, Ind.
PRINCESS steel ranges—Allen Mfg. Co., Nashville, Tenn.
PRINCESS stoves—Fox Furnace Co., Elyria, Ohio
PRINCESS washing machines, wood mortising machines—Princess Wash Mach. Mfg. Co., 433 E. Pearl, Cincinnati, Ohio
PRINCESS WALL hot water radiators—H. B. Smith Co., Westfield, Mass.
PRINCETON fire hose—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
PRINCO sphygmomanometer—Precision Thermometer & Instrument Co., 1434 Brandywine, Phila, Pa.
PRINCO surgical instruments—Precision Thermometer & Instrument Co., 1434 Brandywine, Phila., Pa.
PRINZ grain separators—Prinz & Rau Mfg. Co., 659 E. Water, Milwaukee, Wis.
PRISCILLA aluminum hollow ware—New England Enameling Co. Middletown, Conn.
PRISCO lanterns, wash boilers—Pritchard Stamping Co., Rochester, N. Y.
PRISMATIC embossed blotting paper—Standard Paper Mfg. Co., Hull & Canal, Richmond, Va.
PRIZE bucket spray pumps—Deming Co., Salem, Ohio
PRIZE fire place heaters—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
PRIZE hair pickers—Geo. Willcomb Co., 60 Chardon, Boston, Mass.
PRIZE walking & riding cultivators—Kingman Plow Co., Peoria, Ill.
PRIZE PLYMOUTH stoves—Grinberg Bros., 154 South, New York
PRIZER stoves, ranges & furnaces—Prizer-Painter Stove Co., Reading, Pa.
PRIZE RIBBON babbitt metal—Cleveland Alloys Co., Elm & Superior, Cleveland, Ohio
PROCTOR burring machines, garnett machines, rag pickers—Smith & Furbush Machine Co., Phila., Pa.
PROCTOR dryers, exhaust fans, feeds or feeders, carbonizers, & tobacco machines—Philadelphia Textile Machinery Co., Tabor, Philadelphia, Pa.
PROCTOR wool dryers—Philadelphia Drying Machinery Co., 3351 Stokley, Phila., Pa.
PRODUCTIMETER counting machines—Durant Mfg. Co., Milwaukee, Wis.

PROF. CARPENTER'S draft gauges—Schaeffer & Budenberg Mfg. Co., Berry & S. 5th, Brooklyn, N. Y.
PROGRESS grease cups—Wm. Powell Co., Cincinnati, Ohio
PROGRESS ice cream freezers—Dairy Machinery & Construction Co., Derby, Conn.
PROGRESS steam heaters—Thatcher Furnace Co., 135 W. 35th, New York
PROGRESS wire stitching machinery—F. P. Rosback Co., Benton Harbor, Mich.
PROJECTOR desk telephone brackets—K. & B. Co., 25 No. 7th, Phila., Pa.
PROMENADE floor tile—Martin Yingling Brick Co., Pittsburgh, Pa.
PRONG LOCK metal studs & iron furring—Berger Mfg. Co., Canton, Ohio
PROOF coil chains—Hayden-Corbett Chain Co., Columbus, Ohio
PROSPECT hose—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
PROSPERITY collar moulding machines—National Chemical Co., Syracuse, N. Y.
PROSSER tube expanders—Thos. Prosser & Son, 15 Gold, New York
PROTAR photographic lenses—Bausch & Lomb Optical Co., Rochester, N. Y.
PROTECT-A-LITE gas globes — Safety Wire Gas Globes Co., Columbus, Ohio
PROTECTION oil cans—Geo. W. Diener Mfg. Co., 400 Monticello av, Chicago, Ill.
PROTECTION plasters' steel corner beads — Knapp Bros. Mfg. Co., 2419 W. 14th, Chicago, Ill.
PROTECTION ready roofing—Asphalt Ready Roofing Co., 9 Church, New York
PROTECTIVE railway crossing signals — Protective Signal Mfg. Co., Denver, Colo.
PROTECTO boiler preservative—Standard Chemical Corp., Kalamazoo, Mich.
PROTECTOGRAPH check writing machines & protectors—Todd Protectograph Co., 1050 University, av, Rochester, N. Y.
PROTECTOR chemical fire engines—Knight & Thomas, 212 Summer, Boston, Mass.
PROTECTOR lamp guards—McGill Mfg. Co., Valparaiso, Ind.
PROTECTOR non-syphoning traps—Federal-Huber Co., 234 N. Halsted, Chicago, Ill.
PROTECTOR revolvers—Ames Sword Co., Chicopee, Mass.
PROTEX burlap — Cleveland-Akron Bag Co., Cleveland, Ohio
PROTEX dripless sink strainers—Republic Metalware Co. (The), Buffalo, N. Y.
PROTEXOL wood preservative — Carbolinum-Wood Preserving Co. of N. Y., 41 Greene, New York
PROTOD forgery-proof checks—Todd Protectograph Co., 1050 University av, Rochester, N. Y.
PROUDFIT paper punches—Proudfit Loose Leaf Co., Grand Rapids, Mich.
PROUTY barn door latches, fire door fittings, cupboard catches, floor hinges, sash locks—Allith-Prouty Co., Danville, Ill.
PROUTY box board printing machines—Boston Printing Press & Machinery Co., East Bridgewater, Mass.
PROUTY valve wheels—Sawyer Tool Mfg. Co., Ashburnham, Mass.
PROVE TYPE glass insulators—Hemingray Glass Co., Covington, Ky.
PROVIDENCE adding machines—Hainer Bookkeeping Machine Co., 45 Williard av, Providence, R. I.
PROVIDENCE car fenders & wheel guards—Consolidated Car Fender Co., Yale, Providence, R. I.
PROVIDENCE drinking fountains—J. H. Ashton & Co., 271 Franklin, Providence, R. I.
PROVIDENCE engine lathes—Harris-Corliss Engine & Machine Co., Park, Providence, R. I.
PROVIDENCE steam traps—General Fire Extinguisher Co., Providence, R. I.
PROVIDENCE winches & windlasses, boat anchors—American Engineering Co., Armingo & Cumberland, Philadelphia, Pa.
PROVO filter press & plate—Provost Engineering Corp., 218 B'way, New York
PROWODNIK solid tires—Columb Tyres Import Co., 1 Madison av, New York
PRUDEN plasters' steel corner beads—St. Paul Roofing, Cornice & Ornament Co., West St. Paul, Minn.
PRUDENTIAL portable houses — C. D. Pruden Co. Dock & Warner, Baltimore, Md.
PRUDENTIAL steam heaters—W. A. Birdsall & Co., 44 Mechanic, Newark, N. J.
PRYZOAK belting—Graton & Knight Mfg. Co. Worcester, Mass.
PUBLIC SERVICE bond paper — Taylor-Logan Co., Holyoke, Mass.
PUGH potato cutters—Pugh Mfg. Co., Topeka, Kan.
PUG-TRACTOR traction engines — Denning Tractor Co., Cedar Rapids, Ia.
PULL-EASY garden cultivators—Pull-Easy Mfg. Co., Waukesha, Wis.
PULLET belt shifters—Cincinnati Tool Co., Norwood, Cinn., O.
PULLMAN door checks, razor stroppers & unit sash balances—Pullman Mfg. Co., Rochester, N. Y.
PULLMAN electrical bearings—More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.
PULLMAN ventilators, ventilating cowls — Pullman Automatic Ventilator Mfg. Co., York, Pa.
PULL-ME-OUT truck pullers—Sasgen Derrick Co., 3101 W. Grand av, Chicago, Ill.
PULMOSAN sand blasting helmets & respirators—Multi-Metal Separating Screen Co., 251 W. 19th, New York
PULMOTOR respirators—Draeger Oxygen Apparatus Co., Pittsburgh, Pa.
PULVA ALBA cement concrete block facing—Ohio Marble Co., Piqua, Ohio
PULVEROID celluloid signs—Bastian Bros. Co., Rochester, N. Y.
PUNCH tire upsetters—Munnsville Plow Co., Munnsville, N. Y.
PUNKTAL lenses—Bausch & Lomb Optical Co., Rochester, N. Y.
PUR-A-TIS faucet filters—Union Filter & Novelty Co., 73 Franklin, New York
PURDUE steam & hot water heaters—J. H. McLain Co., Canton, Ohio
PURE WHITE toilet paper holders—A. P. W. Paper Co., Albany, N. Y.
PURITA drinking fountains—J. L. Mott Iron Works, Trenton, N. J.
PURITAN aluminum hollow ware—Sturges & Burt Mfg. Co., 508 S. Green, Chicago, Ill.
PURITAN dress shields—J. J. Beyerle Mfg. Co., 340 Berry, Brooklyn, N. Y.
PURITAN drinking fountains—Halsey W. Taylor Co., Warren, Ohio
PURITAN faucet cans—Sexton Can Co., 228 Franklin, Boston, Mass.
PURITAN hot water radiators—U. S. Radiator Corp., Detroit, Mich.
PURITAN insulating cloth, insulating paper—American Mica Co., Newton Lower Falls, Mass.
PURITAN liquid soap, soap powders, furniture polish Puritan Soap Co., 496 Exchange, Rochester, N. Y.
PURITAN lubricating oils & greases—Puritan Oil Co., 1244 W. 70th, Cleveland, Ohio
PURITAN metal polish & lubricating oils—Pure Oil Co., Minneapolis, Minn.
PURITAN oil cups—Wm. Powell Co., Cincinnati, Ohio
PURITAN oilers—Noera Mfg. Co., Waterbury, Conn
PURITAN packing—Mulconroy Co., 54th & Jefferson, Philadelphia, Pa.
PURITAN sanitary flooring—Warren Bros. Co., 142 Berkeley, Boston, Mass.
PURITAN stoves—Grinberg Bros., 154 South, New York
PURITAN tinware, ash & garbage cans, oil cans, bread pans, broilers, chafing dishes, pails, water coolers—Central Stamping Co., 172 Fulton, New York
PURITAN walking drills & listers—Moline Plow Co., Moline, Ill.
PURITAN wire cloth—Clinton Wire Cloth Co., Clinton, Mass.
PURITAN wood fillers—Glidden Varnish Co., 1755 W. Madison, Cleveland, Ohio
PURITY drinking fountains—James Barrett Mfg. Co., 117 Pearl, Boston, Mass.
PURITY water filters, pipe strainers—Progressive Iron Foundry & Machine Co., Haydenville, Mass.
PURIWACHOS fire resisting cements—W. A. Ross & Bro., 11 S. William, New York
PURO faucets—Puro Sanitary Drinking Co., Haydenville, Mass.
PURO oils—Pure Oil Co., Lafayette bldg., Philadelphia, Pa.
PUROLINE disinfectants—Continental Mfg. Co., Indianapolis, Ind.
PURPLE line cotton hose—Bowers Rubber Works, San Francisco, Cal.
PUSEY voltage regulators—Keystone Electric Co., 135 S. 10th, Phila., Pa.
PUSH BARS garden cultivators—Empire Plow Co., Cleveland, Ohio
PUSH-DOWN blast batteries — Star Electric Fuse Works, Wilkes-Barre, Pa.
PUSHIN ordinary attachment plugs—H. T. Paiste Co., 32nd & Arch, Phila., Pa.

PUSHRITE push buttons—S. H. Couch Co., Quincy, Mass.
PUTNAM rolling ladders—Putnam & Co., 32 Howard, New York
PUTNAM spring clothes pins—U. S. Clothespin Co., Montpelier, Vt.
PUTNAM steam heaters—Putnam Foundry & Machine Co., Putnam, Conn.
PUTZ metal polish—Grady Mfg. Co., Bridge Plaza, Astoria, N. Y.
PUTZ pomade polish—J. C. Paul & Co., 930 Roscoe av, Chicago, Ill.
PYCNOLUM belt dressing—A. G. Beldon & Co., 29 Burling Slip, New York
PYKE'S lawn mower sharpeners—Pike Mfg. Co., Pike, N. H.
PYOTT-MILLER friction clutches—Pyott Co., 1401 W. North av, Chicago, Ill.
PYRALIN bath room fixtures & furnishings—C. F. Church Mfg. Co., Holyoke, Mass.
PYRALIN collars & cuffs, beading, flexible sheeting, rods, toilet articles, tubes—The Arlington Works (E. I. du Pont de Nemours & Co.), 21 E. 40th, New York
PYRALIN enamels & lacquers—Du Pont Chemical Works, 120 B'way, New York
PYRAMID belting—Laurence Belting Co., 111 Chambers, New York
PYRAMID blue plaster boards, roofing felts—Ford Mfg. Co., 2339 La Salle, Chicago, Ill.
PYRAMID boiler compounds—Binghamton Boiler Compound Co., Binghamton, N. Y.
PYRAMID brand carbon brushes—National Carbon Co., Madison av., N. W., & W. 117th, Cleveland, Ohio
PYRAMID canvas stitched belting—National Belting Co., Elyria, Ohio
PYRAMID cement plaster—United States Gypsum Co., 205 W. Monroe, Chicago, Ill.
PYRAMID floor finish—O'Brien Varnish Co., South Bend, Ind.
PYRAMID fly catchers—Louis Dejonge & Co., 71 Duane, New York
PYRAMID hose & gaskets—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
PYRAMID hot air furnace—Forest City Foundry & Mfg. Co., 2202 Elm av, Cleveland, Ohio
PYRAMID lamp black—L. Martin Co., 81 Fulton, New York
PYRAMID packing—Cancos Mfg. Co., 46 N. 2nd, Phila., Pa.
PYRAMID rubber mats—Boston Woven Hose & Rubber Co., Cambridge, Mass.
PYRAMID rubber mats—Essex Rubber Co., Trenton, N. J.
PYRAMID torches, engine & machine oilers — Gem Mfg. Co., Goebel nr. Fulton, N. S., Pittsburgh, Pa.
PYRAMID water supply pumps—Gould Mfg. Co., 71 W. Falls, Seneca Falls, N. Y.
PYRAMID-BALATA belting — Imperial Belting Co., 400 N. Lincoln, Chicago, Ill.
PYRENE fire extinguishers—Pyrene Mfg. Co., 52 Vanderbilt av, New York
PYRO alcohol lamps, self-heating sad irons & denatured alcohol—Alcohol Utilities Co., 27 William, New York
PYRO denatured alcohol—United States Industrial Alcohol Co., 27 William, New York
PYRO steel castings—Swedish Crucible Steel Co., Butler & Grand Trunk R. R., Detroit, Mich.
PYROBAR book, cement roofing & cold storage insulation & fireproof tile & gypsum tile—United States Gypsum Co., 205 W. Monroe, Chicago, Ill.
PYROFUSE garbage disposal plants—J. B. Prescott & Son, Webster, Mass.
PYROID sheet packing—General Asbestos Rubber Co., Charleston, S. C.
PYROLIN paints—Pyrolin Co., Fort Dodge, Iowa
PYROSCOPE optical pyrometers—Shore Instrument & Mfg. Co., 537 W. 22nd, New York
PYROTITE electric fuse—Bryant Electric Co., Bridgeport, Conn.
PYROXYLIN varnish—Crest Chemical Co., Seattle, Wash.
PYTHON conveyor belting—Manheim Mfg. & Belting Co., Manheim, Pa.

Q. A. insulating paper—Green Insulation Co., Cleveland, Ohio
Q. D. closet seat bumpers—Adam A. Long, Rochester, N. Y.
Q. S. F. flush switches—Cutter Electrical & Mfg. Co., 501 N. 19th, Phila., Pa.
Q. & C. lamp adjusters—American Vulcanized Fibre Co., Equitable bldg., Wilmington, Del.
Q. & C. rail sawing machines, rail benders, guard rail clamps, rail step joints—Q. & C. Co., 90 West, New York
Q. & E. floor finish—Murphy Varnish Co., McWhorter, Newark, N. J.
Q. & T. cattle stanchions—Quick & Thomas, Auburn, N. Y.
QUAD boring tools—Wrightsville Hardware Co., Wrightsville, Pa.
QUAD camp stoves, gas ranges—Quad Stove Mfg. Co., Columbus, Ohio
QUADLOCK emergency gasoline cocks—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
QUADRIGA soldering iron heaters, round belt couplings—Quadriga Mfg. & Specialty Co., 213 W. Grand av, Chicago, Ill.
QUADRUPLEX telegraph apparatus—J. H. Bunnell & Co., 32 Park pl, New York
QUAIL sulky hay rakes, wood hay tedders—Ohio Rake Co., Dayton, Ohio
QUAKER cotton & wool waste—National Waste Co., N. Manayunk, Phila., Pa.
QUAKER hot air furnaces—Quaker Mfg. Co., 180 N. Dearborn, Chicago, Ill.
QUAKER lubricators—Detroit Shipbuilding Co., Detroit, Mich.
QUAKER metal polish—Quaker Soap Co., 207 Provost, Jersey City, N. J.
QUAKER packing—Mulconroy Co., 54th & Jefferson, Philadelphia, Pa.
QUAKER rubber tires, belting, packing, fire hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
QUAKER shade rollers—Columbia Mills, Inc., 225 5th av, New York
QUAKER turpentine substitute—C. H. Boley Co., 3726 N. Randolph, Phila., Pa.
QUAKER CITY range boilers—Haines, Jones & Cadbury Co., 1130 Ridge av, Phila., Pa.
QUAKER KITCHEN enameled ware—New England Enameling Co., Middletown, Conn.
QUALITY automobile wind shields—F. W. Anderson & Co., Brown & Uber, Phila., Pa.
QUALITY clothes washing machines—Blackstone Mfg. Co., Jamestown, N. Y.
QUALITY core compounds—E. J. Woodison Co., Detroit, Mich.
QUALITY gas ranges, oil stoves & heaters, steel ranges—Roberts & Mander Stove Co., Phila., Pa.
QUALITY hack blade, band & metal circular saws—Napier Saw Works, Springfield, Ohio
QUALITY hack saw blades & frames—Quality Saw & Tool Works, Springfield, Mass.
QUALITY revolving chairs—C. A. Cook Co., Cambridge, Mass.
QUALITY rubber stamps—Consolidated Stamp Mfg. Co., 87 Maiden La, New York
QUALITY self-measuring oil pumps—Milwaukee Tank Works, 851 Kinnickinnic av, Milwaukee, Wis.
QUANCO ball cocks—Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
QUARETTE automobile electrical equipment—Gem Mfg. Co., Goebel, nr Fulton, N. S., Pittsburgh, Pa.
QUARETTE pressure reducing valves—Auld Co., 1253 N. 12th, Phila., Pa.
QUARTZ water filters—Jewell Engineering Co., Monadnock blk, Chicago, Ill.
QUEEN broom holders—C. E. Erickson & Co., Des Moines, Ia.
QUEEN ceiling hooks—Parker Wire Goods Co., Worcester, Mass.
QUEEN clothes washing machines—Buckeye Churn Co., Sidney, Ohio
QUEEN corn shellers—Whitman Agricultural Co., 7000 S. Broadway, St. Louis, Mo.
QUEEN cultivators—Walter A. Wood Mowing & Reaping Machine Co., Hoosick Falls, N. Y.
QUEEN desks—Marysville Cabinet Co., Marysville, Ohio
QUEEN family washing machines—J. H. Knoll, Reading, Pa.
QUEEN fire extinguishers, fire hose reels & racks—Harker Mfg. Co., 410 Pearl, Cincinnati, Ohio
QUEEN gasoline blow torches—Bridgeport Brass Co., Bridgeport, Conn.
QUEEN hair drying combs—Nicol & Co., 218 N. Jefferson, Chicago, Ill.
QUEEN harness snaps—Covert Mfg. Co., Troy, N. Y.
QUEEN kraut cutters—Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
QUEEN lawn mowers—Dille & McGuire Co., Richmond, Ind.
QUEEN lawn mowers—Granite State Mowing Machine Co., Hinsdale, N. H.

QUEEN soldering flux, incandescent lamp coloring—Brunner Chemical Works, 217 E. 3rd, Cincinnati, Ohio
QUEEN tack claws & pullers—W. G. Browne Mfg. Co., Kingston, N. Y.
QUEEN A hand vacuum cleaners—Gray Iron Foundry Co., Reading, Pa.
QUEEN ANNE kerosene oil lamp burners—Scovill Mfg. Co., Waterbury, Conn.
QUEEN ANNE metal frame window screens—Continental Co., Detroit, Mich.
QUEEN BEE babbitt metal—Thos. F. Lukens Metal Co., 238 N. 4th, Philadelphia, Pa.
QUEEN CITY adjustable wrenches—Bergman Tool Mfg. Co., Buffalo, N. Y.
QUEEN CITY coal chutes—Hastings Foundry & Iron Works, Hastings, Nebr.
QUEEN CITY farm wagons—Dakota Plow & Wagon Co., Sioux Falls, S. Dak.
QUEEN CITY garden rakes—Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y.
QUEEN CITY shutter hinges, tobacco counter cutters—Wrightsville Hardware Co., Wrightsville, Pa.
QUEEN CITY step ladders—Rich Pump Co., South & Depot, Cincinnati, Ohio
QUEEN OF SOUTH flour mill machinery—Blymyer Iron Works Co., Cincinnati, Ohio
QUEENS chrome yellow—C. H. Howell & Co., 212 Race, Phila., Pa.
QUEENS BEST steel ranges—Wisconsin Fdry. & Steel Works, Cedar Grove, Wis.
QUICK BRAKE knife switches—Consolidated Car Heating Co., Albany, N. Y.
QUICK fruit parers—Hamblin & Russell Mfg. Co., Co., Worcester, Mass.
QUICK ACTION battery connectors—National Carbon Co., Madison av, N. W. & W. 117th, Cleveland Ohio
QUICK ACTION clothes washing machines—Davenport Washing Machine Co., Davenport, Ia.
QUICK ACTION drilling machine vises—St. Louis Sales Co., St. Louis, Mo.
QUICK ACTION spark plugs—Knoblock-Heideman Mfg. Co., South Bend, Ind.
QUICK-AS-A-WINK cork pullers—Milton Hawley, Stepney, Conn.
QUICK-AS-A-WINK cork pullers—Warner Hammer Co., Cromwell, Conn.
QUICK-AS-WINK pneumatic hose couplings—W. J. Clark Co., Salem, Ohio
QUICK CHANGE drill chucks & twist drill collets—McCrosky Reamer Co., Meadville, Pa.
QUICK CHANGE engine lathes—Seneca Falls Mfg. Co., Seneca Falls, N. Y.
QUICK CLOSING water gauges—Williams Gauge Co., 543 4th av, Pittsburgh, Pa.
QUICK COMFORT gas heaters, parlor gas grates, wood ranges—American Stove Co., St. Louis, Mo.
QUICKEST expansion tank shelves—Fred A. Tyler, Albany, N. Y.
QUICK-KLOZE harness snaps—North & Judd Mfg. Co., New Britain, Conn.
QUICK KUT valve grinding compounds—Hall-Thompson Co., Hartford, Conn.
QUICK MEAL feed cookers—B. F. Freeland Sons Co., Sturgis, Mich.
QUICK MEAL gas stoves, gas radiators, soldering furnaces, coal ranges—American Stove Co., St. Louis, Mo.
QUICK-OPE faucets—Haydenville Co., Haydenville, Mass.
QUICK OPENING regulating valves—Bridgman Bros. Co., 1422 Washington av, Phila., Pa.
QUICK OUT feed carriers—Louden Machinery Co., Fairfield, Ia.
QUICK-OUT fire extinguishers—Safety Fire Extinguisher Co., 291 7th av, New York
QUICK-PRESSION work basin cocks—Central Brass Mfg. Co., 6206 Cedar, Cleveland, Ohio
QUICK SAMSON cable grips—Mathias Klein & Sons, 562 W. Van Buren, Chicago, Ill.
QUICKSET heating boilers—Brownell Co., Dayton, O.
QUICK SET iron & steel posts—Buffalo Steel Co., Tonawanda, N. Y.
QUICK-SHARP planer knife grinders—Stockbridge Machine Co., Worcester, Mass.
QUICK SHIFT anti-rattlers—D. F. Tanner, Holland, N. Y.
QUICK SHINE metal polish—Baum's Castorina Co., Rome, N. Y.
QUICK-TIME clothes washing machines—Blackstone Mfg. Co., Jamestown, N. Y.
QUICK WHITE shoe blacking & polishes—Whittemore Bros. Corp., Cambridge, Mass.
QUICKWORK power hammers, rotary shears—Quickwork Co., St. Mary's, Ohio.
QUICK & EASY cork pullers, ice shavers, lemon squeezers, meat juice presses, milk-shakers, potato mashers—C. L. Walker Co., 656 W. 12th, Erie, Pa.
QUICK & EASY garden weeders—Albert E. Rinn, Allentown, Pa.
QUICKER YET clothes washing machines—Globe Mfg. Co., Perry, Ia.
QUICKSTICKER mucilage & paste—Ink Ribbon Mfg. Co., 633 Howard, San Francisco, Cal.
QUIKWERK railroad tools—The Warren Tool & Forge Co., Warren, Ohio.
QUINCY tumbling barrels—Central Iron Works, Quincy, Ill.
QUINCY MARKET ammonia valves—Star Brass Mfg. Co., 108 E. Dedham, Boston, Mass.
QUINN bagasse furnaces—John G. Murphy Iron Works, New Orleans, La.
QUINN smokeless furnaces, refuse burners—Quinn & Co., 222 E. 9th, Cincinnati, Ohio
QUINN'S fire pots—Quinn Mfg. Co., Detroit, Mich.
QUIN-SEE valve & service boxes—Modern Iron Works, Quincy, Ill.
QUINT boring tools—Wrightsville Hardware Co., Wrightsville, Pa.
QUINTUPLE garden hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
QUITETITE pressure reducing valves—Schutte & Koerting Co., 1251 N. 12th, Phila., Pa.
QUIXET junction boxes—Geo. Cutter Co., South Bend, Ind.
QUIX-SHINE polishing cloths—Quix Specialty Co., 2754 Germantown av, Phila., Pa.
QUYNN hay & corn cutter knives—Allen G. Quynn & Co., Frederick, Md.

R. ringing transformers—Mohawk Electric Mfg. Co., 45 Lawrence, Newark, N. J.
R. B. F. ball bearings—Hudson Export & Import Co., 1737 Broadway, New York
R. C. blow-off valves—DeZouche, Hanson & Co., 14 N. 5th, Phila., Pa.
R. C. O. C. control switches—South Bend Current Control Co., South Bend, Ind.
R. C. W. WATER MOTOR clothes washing machines—Richmond Cedar Works, Fulton, Richmond, Va.
R. CENTER FILS heddles—Wm. Firth, 200 Devonshire, Boston, Mass.
R. F. D. automobile & carriage heaters—Kelly Foundry & Machine Co., Goshen, Ind.
R. F. D. padlocks—Sargent & Co., New Haven, Conn.
R. F. D. padlocks—Slaymaker Lock Co., Lancaster, Pa.
R F & C belting—Buffalo Weaving & Belting Co., Buffalo, N. Y.
R. H. MFG. CO. binder covers—B. Herschel Mfg. Co., Peoria, Ill.
R.-I.-V. ball bearings—R.-I.-V. Co., 1765 Broadway, N. Y.
R.-I.-V. Hoffman steel balls—R.-I.-V. Co., 1771 Broadway, New York
R. I. W. paints—Toch Bros, 320 5th av, New York
R-K exhaust heads—Walter G. Ruggles Co., 10 High, Boston, Mass.
R.-L. lamp cord adjusters—Runzel-Lenz Electric Mfg. Co., 1751 N. Western av, Chicago, Ill.
R. M. C. C. lubricating oils & greases—Phoenix Oil Co., 2554 W. 5th, Cleveland, Ohio
R. MURPHY'S knives, cork screws—R. Murphy's Sons Co., Ayer, Mass.
R-N-R frogs, switches & crossings—Indianapolis Switch & Frog Co., Springfield, Ohio
R-P steam traps—John F. Robertson Co., Park bldg., Pittsburgh, Pa.
R. P. K. shoe trees—Bridgeport Metal Goods Mfg. Co., Bridgeport, Conn.
R. R. babbitt metal—Aurora Metal Co., Aurora, Ill.
R. R. JONES plow fenders—Southern Plow Co., Columbus, Ga.
R. S. gasoline engines—Rawleigh-Schreyer Co., Freeport, Ill.
R.-S. motor cycles—Reading Standard Co., Reading, Pa.
R. S. CO. concrete inserts & conduit bushings—Rockwood Sprinkler Co., Worcester, Mass.
R. V. humersdorff mache churns—Bing, John, 381 4th av, New York
R-W 231" folding scaffold brackets—Richards-Wilcox Mfg. Co., Aurora, Ill.
R. & B. needles & pyretometers—Randall-Falchney Co., Boston, Mass.
R. & D. belt cements, belt dressing—Reed & Duecker, Memphis, Tenn.
R. & D. feed water fillers—Row & Davis, Engineers, Inc., 90 West, New York
R. & H. corn shellers—Root-Heath Mfg. Co., Plymouth, Ohio

R. & M. piston rings—Modern Electric & Machine Co., 936 Ft. Wayne av, Indianapolis, Ind.
R. & V. gas engines—Root & Vandervoort Engineering Co., East Moline, Ill..
RABBETH centrifugal clutch spindles—Draper Corp., Hopedale, Mass.
RABBETH handle drags—A. F. Meisselbach & Bros., 29 Congress, Newark, N. J.
RACINE automobile wind shields—Racine Auto Top Co., Racine Wis.
RACINE bean & pea sorters, grain graders grain separators, fanning mills, end gate seeders—Johnson & Field Mfg. Co., Racine, Wis.
RACINE equalizers—Harvey Spring & Forging Co., Racine, Wis.
RACINE equalizers—Racine General Mfg. Co., Racine, Wis.
RACINE incubators & brooders—Progressive Incubator Co., Racine, Wis.
RACINE metal cutting-off machines—Racine Tool & Machine Co., Racine, Wis.
RACINE puttyless windows—Racine Puttyless Window Co., Racine, Wis.
RACINE rail anchors—John M. Scott & Sons, Racine, Wis.
RACINE rubber tires—Racine Auto Tire Co., Racine, Wis.
RACINE spring hinges, ventilating sash locks—Racine Metal Stamping Co. Racine, Wis.
RACINE JR. riding listers—J. I. Case Plow Works, Racine. Wis.
RACK-A-ROCK powder—Rendrock Powder Co., 106 Wall, New York
RACYCLE bicycles—Miami Cycle & Mfg. Co., Middletown, Ohio
RADFORD blast furnaces—Va. Iron, Coal & Coke Co., Roanoke, Va.
RADI meters, transmission, thermometers—National Gauge & Equipment Co., La Crosse, Wis.
RADIALAXE coal cutters—Ingersoll-Rand Co., 11 Broadway, New York
RADIANT car furnaces & stoves—Germer Stove Co., Erie, Pa.
RADIANT HOME gas ranges & heaters—Germer Stove Co., Erie, Pa.
RADIANT ranges—Cole Mfg. Co., 3218 S. Western ave. Chicago, Ill.
RADIANT stoves—Fox Furnace Co., Elyria, Ohio
RADIANT stoves—Grinberg Bros., 154 South. New York
RADIATOR lock shield valves—McNab & Harlin Mfg. Co., 55 John, New York
RADICAL shoe blacking—A. B. Polish Co., 1515 Haddon ave, Chicago, Ill.
RADIEYE pull chain & flush plate attachment—General Elec. Co., Schenectady, N. Y.
RADIFOR bamboo fishing rods—Redifor Rod & Reel Co., Warren, Ohio
RADIO denatured alcohol—Jefferson Distilling & Denaturing Co., Harvey, La.
RADIO desk telephone brackets—American Electric Co., 6401 S. State, Chicago. Ill.
RADIO luminous paint, powder & cardboard—American Luminous Products Co., Huntington Park, Cal.
RADIOCLARITE foundry flux—Basic Mineral Co., 834 Columbus ave. Pittsburgh, Pa.
RADIOLITE WHITE ENAMEL slow drying—Ceresit Waterproofing Co., 111 S. Dearborn, Chicago, Ill.
RADION electric desk lights—H. C. White Co., North Bennington, Vt.
RADION gas jet heater & cooking stove—A. G. Kaufman Mfg. Co., 210 5th av, New York
RADIUM enameled paper—Bryant Paper Co., Kalamazoo, Mich.
RADIUM gas heaters—Radium Heater Co., Pittsburgh, Pa.
RADIUM gas stoves—Peerless Stove & Range Co., Columbus, Ohio
RADIUM radical gas heaters—Lawson Mfg. Co., Homestead, Pa.
RADIUM steam heaters—Frank Prox Co., Terre Haute, Ind.
RADIX gas heaters—O. P. Lawson Co., Homestead, Pa.
RAECOLITH sanitary flooring—Raecolith Flooring Co., Seattle, Wash.
RAGLAN fire flashed brick—Claycraft Brick Co., Columbus, Ohio
RAHTJENS marine paints—Amalgamated Paint Co., Pier 11, North River, New York
RAILROAD SPECIAL intermediate all steel screw wrenches—Whitman & Barnes Mfg. Co., Akron, Ohio
RAILTON-CAMPBELL feed water filters—Ross Valve Mfg. Co., Troy, N. Y.
RAINBESEO packing—Peerless Rubber Mfg. Co., 31 Warren, New York
RAIN-BESTO asbestos gaskets—Peerless Rubber Mfg. Co., 31 Warren, New York
RAINBO waterproof belting—Manhattan Belting Co., 329 Lafayette, New York
RAINBOW belt lacing—Manufacturers Belt Hook Co., 1321 W. Congress, Chicago, Ill.
RAINBOW belting—Peerless Rubber Mfg. Co., 31 Warren, New York
RAINBOW corn & cob mills, fanning mills, grain graders—Leo Rumely Tractor Co., La Porte, Ind.
RAINBOW fishing rods—Horton Mfg. Co., Bristol, Conn.
RAINBOW lawn sprinklers—Hardware Supply Co., Grand Rapids, Mich.
RAINBOW packing, rubber hose—Peerless Rubber Mfg. Co., 31 Warren, New York
RAINTIGHT rubber roofing—Maurice O'Meara Co., 448 Pearl, New York
RAINTYTE asphalt roofing—Whitaker Paper Co., Eggleston ave, 6th & Lock, Cincinnati, Ohio
RAISIN VALLEY fodder cutters—Wilder-Strong Implement Co., Monroe, Mich.
RAISWELL automobile jacks—Lovell-McConnell Mfg. Co., 194 Wright, Newark, N. J.
RAJAH scrubbing brushes—New Jersey Brush Co., Bloomfield, N. J.
RALACO gasoline & marine gasoline engines—S. M. Jones Co., Toledo, Ohio.
RALCO receptacle plugs—Central Electric Co., 302 S. 5th av, Chicago, Ill.
RALL bascule bridges—Strobel Steel Construction Co., Monadnock blk, Chicago, Ill.
RALSTON soap makers' presses—Detroit Soap Co., Detroit, Mich.
RALSTON water stills—John Trageser Steam Copper Works, 447 W. 26th, New York
RAMAPO switch stands, spring rail frogs, guard, rail clamps—Ramapo Iron Works, Hillburn, N. Y.
RAMBLE spark plugs—Long Bros., Kokomo, Ind.
RAMBLER alcohol stoves—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
RAMBLER door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
RAMROD spark plugs—A. R. Mosler & Co., Mt. Vernon, N. Y.
RAMSDELL laundry tub covers—Household Granite Tub Co., New Haven, Conn.
RAMSEY grinder valves—Boky Mfg. Corp., Saratoga Springs, N. Y.
RAMSEY iron & steel roofing—St. Paul Roofing Cornice & Ornament Co., St. Paul, Minn.
RANDALL graphite lubricators—Randall Graphite Sheet Lubricator Co., 816 W. Lake, Chicago, Ill.
RANDALL graphite lubricants—Strong, Carlisle & Hammond Co., 336 Frankfort av, N. W., Cleveland, Ohio
RANDALL & STICKNEY lathe indicators, paper testers, gauges—Waltham Micrometers Dial Gauge Co., 248 Ash, Waltham, Mass.
RANDOLPH automobile truck trailers—H. C. Randolph, Jonesville, Mich.
RANDOLPH cotton hose—Mechanical Rubber Co., 73 Reade, New York
RANDOLPH'S journal bearing compounds—Duluth Brass Works Co., Duluth, Minn.
RANGER fruit & vegetable parers—Goodell Co., Antrim, N. H.
RANIVILLE'S LEATHER-TO-METAL belt cements—F. Raniville Co., Grand Rapids, Mich.
RANIVILLE'S WATERIDE belt cements—F. Raniville Co., Grand Rapids, Mich.
RANIVILLE'S BELT WAX preservatives—F. Raniville Co., Grand Rapids, Mich.
RANKIN corn & cob mills—Gade Bros. Mfg. Co., Iowa Falls, Ia.
RANKIN shovels, spades & scoops—Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
RANNEY static electric machines—Waite & Bartlett Mfg. Co., 252 W. 29th, New York
RANSOM emery wheel speed controllers—Ransom Mfg. Co., Oshkosh, Wis.
RANSOMITE bond concrete—Ransome-Leach Co., 115 B'way, New York
RAPID automobile wrenches—Kimball Co., Boston, Mass.
RAPID clothes washing machines—Metal Barrel Co., Galesburg, Ill.
RAPID clothes washing machines—Richmond Cedar Works, Fulton, Richmond, Va.
RAPID concrete mixers—Rapid Mixer Co., Grand Rapids, Mich.
RAPID feed grinding mills—C. S. Bell Co., Hillsboro, Ohio
RAPID fireless cookers—Wm. Campbell Co., 160 Addison, Detroit, Mich.

RAPID force & lift pumps—Wm. Powell Co., Cincinnati Ohio
RAPID fruit corers—Landers, Frary & Clark, New Britain, Conn.
RAPID grist mills—Root-Heath Mfg. Co., Plymouth, Ohio
RAPID log loaders—Clyde Iron Works, Duluth, Minn.
RAPID metal polish—Baum's Castorina Co., Rome, N. Y.
RAPID molding machines — Federal Malleable Co., West Allis, Wis.
RAPID paint & varnish remover—Indianapolis Paint & Color Co., Indianapolis, Ind.
RAPID pencil sharpeners—C. Spiro Mfg. Co., 68 E. 131st, New York
RAPID post hole diggers—Hy. Disston & Sons, Taconey, Phila., Pa.
RAPID potato mashers—Browne & Dowd Mfg. Co., Meriden, Conn.
RAPID power shears—Otis L. Fuller Co., Goshen, Ind.
RAPID ready change carriers—Chas. F. Etter, Harrisburg, Pa.
RAPID roller copier presses—Yawman & Erbe Mfg. Co., Rochester, N. Y.
RAPID root cutters, vegetable cutters—Silver Mfg. Co., Salem, Ohio
RAPID steam & hot water heaters—Rapid Heater Co., Grand Rapids, Mich.
RAPID tap plugs—Rapid Tap Plug Co., Grand Rapids, Mich.
RAPIDCUT valve grinding compounds—S. B. R. Specialty Co., East Orange, N. J.
RAPID-EASY garden weeders—W. J. Clark Co., Salem, Ohio
RAPID FIRE dry batteries—Nungesser Carbon & Battery Works of Nat'l Carbon Co., 1170 E. 38th, Cleveland, Ohio
RAPID FIRE machine drills—Diamond Expansion Bolt Co., 89 West, New York
RAPIDITE smokeless powder—Robbin Hood Ammunition Co., Swanton, Vt.
RAPID TRANSIT dumb waiters—Energy Elevator Co., Philadelphia, Pa.
RAPID TRANSIT wrenches—Athol Machine Co., Athol, Mass.
RATCHET handle paint & white wash spraying machines—F. E. Myers & Bro., Ashland, Ohio
RATEAU steam regenerators—Rateau Steam Regenerator Co., 90 West, New York
RATHBUN vertical gas engines — Rathbun-Jones Eng'ng Co., 841 Spencer, Toledo, Ohio
RATHOLA disinfectants—Rath Mfg. Co., Hedley & Richmond, Phila., Pa.
RATSCH-PEERLESS baseball bats, base balls, foot balls, striking bags—Chicago Sporting Goods Mfg. Co., 123 S. Jefferson, Chicago, Ill.
RAVEN enameled wire—Automatic Electric Co., 1001 W. Van Buren, Chicago, Ill.
RAVEN kitchen sets—Cassady, Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
RAVEN lunch boxes—Reading Saddle & Mfg. Co., Reading, Pa.
RAVEN padlocks—Slaymaker Lock Co., Lancaster, Pa.
RAVEN rubber packing—Manhattan Rubber Mfg. Co., Passaic, N. J.
RAVEN shoe blacking & polishes—Whittemore Bros. Corp., Cambridge, Mass.
RAVEN core rubber covered wire—New York Insulated Wire Co., 84 State, Boston, Mass.
RAVLWIND-ARGUTO loopers—Arguto Oilless Bearing Co., Wayne Junction, Phila., Pa.
RAW belting—Boston Woven Hose & Rubber Co., Cambridge, Mass.
RAWLINGS base balls, base ball & athletic shoes, base ball masks—Rawlings Mfg. Co., 23rd & Lucas ave, St. Louis, Mo.
RAY socket wrenches—Packer Auto Specialty Co., 37 W. Van Buren, Chicago, Ill.
RAYBESTOS brake linings, brake bands—Royal Equipment Co., Bridgeport, Conn.
RAYDO liquid polish—Ulrich & Co., 363 E. North, Buffalo, N. Y.
RAYFIELD carbureters—Findeisen & Kropf Mfg. Co., 2559 W. 21st, Chicago, Ill.
RAYFORD truck units—Rayford Co., 2d & Indiana, Philadelphia, Pa.
RAYLINE filament tube lamps—Straight Filament Lamp Co., 42 E. 23rd, New York
RAYMOND stone pulverizers—Raymond Bros., Impact Pulverizer Co., 1319 North Branch, Chicago, Ill.
RAYMOND'S lead ferrules—Raymond Lead Co., 734 S. Washtenaw ave, Chicago, Ill.
RAYNTITE fabrikoid, artificial leather—du Pont Fabrikoid Co., Wilmington, Del.
RAYO household lamps—Standard Oil Co., of N. Y., 555 W. 25th, New York
RAYO incubators & brooders—Rayo Incubator Co., Omaha, Neb.
RAYO nickel chromium resistance wire—Electrical Alloy Co., Morristown, N. J.
RAZOR edge butchers' knives—Meriden Cutlery Co., Meriden, Conn.
RAZOR BLADE kitchen knives—Gibford-Weiffenbach Co., Adrian, Mich.
REACTION brush holders—Baylis Co., Bloomfield, N. J.
READEANA soldering paste—Reade Mfg. Co., Hoboken, N. J.
READ EASY electric desk lights—American Electric Co., 6401 S. State, Chicago, Ill.
READINA solution—Reade Mfg. Co., Hoboken, N. J.
READING flag pole brackets—Gray Iron Foundry Co., Reading, Pa.
READING lawn mowers, door checks, locks & knobs—Reading Hardware Co., Reading, Pa.
READING vapor system heating—Reading Heater & Supply Co., Reading, Pa.
READRITE volimeters—Readrite Meter Wks, Bluffton, Ohio
READ'S window stop screws & washers—A. P. Read Co., 568 W. Washington, Chicago, Ill.
READY milling machine dogs—Ready Tool Co., Bridgeport, Conn.
READY payout reels, pole houses—W. G. Nagel Electric Co., Toledo, Ohio
READY throttle & lever valves—Wm. Powell Co., Cincinnati, Ohio
READY-BILT portable fireproof garages — Canton Metal Ceiling Co., Canton, Ohio
READY GRIP wrenches—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
READY ROCK asphalt roofing—Pioneer Paper Co., Los Angeles, Cal.
REAL safety razors—Geo. W. Korn Razor Mfg. Co., Little Valley, N. Y.
REALFLEX armored conductors—Youngstown Sheet & Tube Co., Youngstown, Ohio
REAL SOLID aluminum hollow ware—Buckeye Aluminum Co., Wooster, Ohio
REARDON hose couplings, compressed air & general machinery company—Stevenson & Ecker, San Francisco, Cal.
REARWIN emery wheel dressers—Quadriga Mfg. & Specialty Co., 213 W. Grand ave, Chicago, Ill.
REARWIN emery wheel dressers—H. A. Stocker Machinery Co., 570 W. Randolph, Chicago, Ill.
REASE economy steam heaters—International Heater Co., Utica, N. Y.
REA'S self-piercing bull's rings—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.
REBA wood stoves—Gray & Dudley Hardware Co., Nashville, Tenn.
RECCO centrifugal pumps—Rider-Ericsson Engine Co., 20 Murray, New York
RECIPROCITY coaster wagons—South Bend Toy Mfg. Co., South Bend, Ind.
RECO concrete reinforcing materials—Reinforced Concrete Co., Wright bldg, St. Louis, Mo.
RECO electric sign flashers & electric signs—Reynolds Electric Co., 442 S. Talman av, Chicago, Ill.
RECORD padlocks—Sargent Co., New Haven, Conn.
RECORD piston rings, spark plugs—Nilson-Miller Co., Hoboken, N. J.
RECORD tank heaters—B. F. Freeland Sons Co., Sturgis, Mich.
RECTANGULAR churns—A. H. Reid Creamery & Dairy Supply Co., 69 & Haverford, Phila., Pa.
RECTI electric bells—Edwards & Co., 140th & Exterior av. & 140th, New York
RECTOR incandescent gas mantles—Eclipse Light Co., 51 E. 110th, New York
RED breast packing—Mercer Rubber Co., Hamilton Square, N. J.
RED BRICK mortar color—Ricketson Mineral Paint Works, South Bay, Milwaukee, Wis.
RED sheets packing—Voorhees Rubber Mfg. Co., Jersey City, N. J.
RED ARROW explosives (for export only(—du Pont de Nemours & Co., E. I., Wilmington, Del.
REDBESTOS packing—A. W. Chesterton Co., 64 India, Boston, Mass.
RED BLACK insulating compounds—Consumers' Rubber Co., Cleveland, Ohio
RED BULL nail pullers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
RED CHIEF corn shellers—Brinley-Hardy Co., Louisville, Ky.
RED CHIEF feed grinding mills—Red Chief Mfg. Co., Louisville, Ky.
RED CLIPPER pruning shears—Clyde Cutlery Co., Clyde, Ohio

RED CORE wire & cable—General Electric Co., Schenectady, N. Y.
RED CRESCENT packing—Revere Rubber Co., Cheisea, Mass.
RED CROSS belt dressing—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
RED CROSS commutator compounds—Hart & Co., Fostoria, Ohio
RED CROSS explosives—du Pont de Nemours & Co., E. I., Wilmington, Del.
RED CROSS fire hose—Eureka Fire Hose Mfg. Co., 13 Barclay, New York
RED CROSS gas stoves—Co-Operative Foundry Co., Rochester, N. Y.
RED CROSS metal washboards—National Washboard Co., 72 W. Adams, Chicago, Ill.
RED CROSS pipe joint compound—Edgecombe Co., Cuyahoga Falls, Ohio
RED CROSS insulating tape & rubber cements—National Rubber & Specialties Co., Toledo, Ohio
RED CROSS soda water fountains—Bishop-Babcock-Becker Co., Cleveland, Ohio
RED CUT SUPERIOR high speed steel—Edgar T. Ward's Sons, 44-54 Farmsworth, Boston, Mass.
RED DEVIL cement—Three Forks Portland Cement Co., Denver, Colo.
RED DEVIL cement—Union Portland Cement Co., Ogden, Utah
RED DEVIL linemen's tools—Irvington Mfg. Co., Irvington, N. J.
RED DEVIL massage vibrators—New Britain Tool Co., New Britain, Conn.
RED DEVIL meat choppers & tools—Smith & Hemenway Co., 261 B'way, New York
RED DEVIL water motors—Divine Bros. Co., Utica, N. Y.
RED DIAMOND packing—Combination Rubber Mfg. Co., Bloomfield, N. J.
RED DRAGON belt dressing, belt cements, pulley covering—Chemical & Engineering Co., Watertown, N. Y.
RED-E boring tools, thread cutting tools, tool holders, tool sets—Ready Tool Co., Bridgeport, Conn.
RED E soldering flux—Chase-Shawmut Co., Newburyport, Mass.
REDEMOTORS gas engines—Elgin Wheel & Engine Co., Elgin, Ill.
REDFIELD hollow cork fishing tackle—F. E. Chester Mfg. Co., 3 Pine, Providence, R. I.
RED H permissible explosives—Hercules Powder Co., Wilmington, Del.
RED HAND paints—Red Hand Compositions Co., Inc., 1 Broadway, New York
RED HAND riveting machines—F. H. Smith Mfg. Co., 3047 Carroll av, Chicago, Ill.
RED HEAD spark plugs—Emil Grossman Mfg. Co., 167 41st, Brooklyn, N. Y.
RED HOOF shipping cans—Conneaut Can Co., Conneaut, Ohio
RED HOOP oil cans—Conneaut Can Co., Conneaut, Ohio
RED HOT gasoline blow torches, melting ladles, solder pots—Ashton Mfg. Co., 184 Emmet, Newark, N. J.
RED HOT tank heaters—Hunt, Helm, Ferris & Co., Harvard, Ill.
REDIFOR bamboo fishing rods—Redifor Rod & Reel Co., Warren, Ohio
REDIFOR fishing reels—Redifor Rod & Reel Co., Warren, Ohio
REDIN-EKSTROM metal punches—Redin, Ekstrom & Co., Rockford, Ill.
RED JACKET canvas stitched belting — National Belting Co., Elyria, Ohio
RED JACKET gaskets—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
RED-JACKET pumps—Field Pump Co., Elmira, N. Y.
RED JACKET pumps—Red Jacket Mfg. Co., Davenport, Ia.
RED JACKET tube cleaners—H. W. Caldwell & Son, 17th & Western av, Chicago, Ill.
RED LABEL dry batteries—Western Electric Co., 463 West, New York
RED LABEL steel wagon skeins—American Skein & Foundry Co., Racine, Wis.
REDLANDS pruning shears—Smith, Seymour & Son, Oakville, Conn.
RED LINE gauge glasses—H. A. Rogers Co., 87 Walker, New York
RED METAL sash chains—Smith & Egge Mfg. Co., Bridgeport, Conn.
RED OAK flooring—Mitchell Bros. Co., Cadillac, Mich.
RED OAK rubber hose—National India Rubber Co., Bristol, R. I.
REDOXO soapstone & red talc—Bull Run Talc & Soapstone Co., Clifton Station, Va.
RED RIB door hangers—Safety Door Hanger Co., Ashland, Ohio
RED RIDGE axes—American Axe & Tool Co., Glassport, Pa.
RED RING cement—Union Sand & Material Co., International Life bldg., St. Louis, Mo.
RED RIVER blast furnaces—Red River Iron Works, Clarksville, Tenn.
RED ROSE packing—Home Rubber Co., Trenton, N. J.
RED ROVER packing—Wise & Bailey, 108 Walnut, Phila., Pa.
RED RUSTLESS cement pipe joint—Eagle Paint & Varnish Co., North Side, Pittsburgh, Pa.
RED SEAL chamois—Lasker & Bernstein, 161 William, New York
RED SEAL crayons—Standard Crayon Mfg. Co., Danvers, Mass.
RED SEAL dry batteries—Manhattan Electric Supply Co., 17 Park pl, New York
RED SEAL oxide of zinc—New Jersey Zinc Co., 55 Wall, New York
RED SEAL rubber tires—Goodyear Tire & Rubber Co., Akron, Ohio
READSEALITE electric lanterns—Manhattan Electrical Supply Co., 17 Park pl, New York
RED SHIELD dry batteries—Wesco Supply Co., 7th & Clark av, St. Louis, Mo.
RED SNAKE braided hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
RED STAR boiler compounds—Lake Erie Mfg. Co., Buffalo, N. Y.
RED STAR brewers' pitch—German-American Pitch Co., 414 Water, Cincinnati, Ohio
RED STAR dry batteries—White Star Battery Co., 126 Chambers, New York
RED STAR explosives (for export only)—du Pont de Nemours & Co., E. I., Wilmington, Del.
RED STAR powder polish—J. A. Wright & Co., Keene, N. H.
RED STAR step ladders—Pratt Mfg. Co., Coldwater, Mich.
RED STAR washboards—National Washboard Co., 72 W. Adams, Chicago, Ill.
RED STRIP belting—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
RED SUNSET packing—Bowers Rubber Works, San Francisco, Cal.
REDTEX plumbers' rubber goods—Canfield Rubber Co., Bridgeport, Conn.
RED TOP boys' axes—Mann Edge Tool Co., Lewistown, Pa.
RED WARRIOR axes—American Axe & Tool Co., Glassport, Pa.
RED WING packing—Goodyear Rubber Co. & Rubber Clothing Co., 787 Broadway, New York
RED WING sheet packing—Goodyear Tire & Rubber Co., Akron, Ohio
REDDEN truck units—Redden Motor Truck Co., 676 Woodward av, Detroit, Mich.
REDWOOD stoves—Pittston Stove Co., Pittston, Pa.
RED & READY gas engines—Havana Mfg. Co., Havana, Ill.
REE row-locks—Wilcox, Crittenden & Co., Middletown, Conn.
REECE'S new screw plates—Butterfield & Co., Derby Line, Vt.
REECO electric pumps—Rider-Ericsson Engine Co., 20 Murray, New York
REED chucks—R. H. Brown & Co., New Haven, Conn.
REED cultivators—Reed Foundry & Mach. Co., Kalamazoo, Mich.
REED cylinder grease—Reed Oil Co., Atlanta, Ga.
REED drilling machines—Francis Reed Co., Worcester, Mass.
REED hay fork pulleys—F. E. Myers & Bro., Ashland, Ohio
REED hot water radiators—H. B. Smith Co., Westfield, Mass.
REED ISLAND blast furnaces—Va. Iron, Coal & Coke Co., Roanoke, Va.
REED-PRENTICE profiling machines—Reed-Prentice Co., Worcester, Mass.
REEDS marine gears—Lockwood Mfg. Co., 65 Sumner, Boston, Mass.
REEL-Z-UP clothes line reels—W. M. Palmer Mfg. Co., 42 Broadway, New York
REESE broom corn cleaners—F. W. Reese, Paris, Ill.
REESE roof joint—E. L. Parker & Nimmo Co., 203 S. Charles, Baltimore, Md.
REEVES bevels, butt gauges—William Williams, Jr., New Britain, Conn.
REEVES engines—Hope Forge & Machine Co., Mount Vernon, Ohio
REEVES manganese bronze wheels—Paul S. Reeves & Co., 1415 Cathrine, Phila., Pa.

REEVES split wood pulleys—Strong, Carlisle & Hammond Co., 336 Frankfort av, Cleveland, Ohio
REEVES threshers, traction engines, wind stackers, grain separators, hay presses, portable saw mills—Emerson-Brantingham Co., Rockford, Ill.
REEVES variable speed transmission—Reeves Pulley Co., Columbus, Ind.
REFLECTRIC illuminated signs—Western Display Co., St. Paul, Minn.
REFLEX gauge glasses—H. A. Rogers Co., 87 Walker, New York
REFLEX hot air furnaces—W. F. Gammeter, Cadiz, Ohio
REFLEX metal polish—McCormick-Murray Mfg. Co., Rock Island, Ill.
REFLEX spark plugs—Reflex Ignition Co., Cleveland, Ohio
REFLEX water gauges—Okadee Co., 14 E. Jackson blvd, Chicago, Ill.
REFLEX water gauges—Sargent Co., Fisher bldg, Chicago, Ill.
REFLEX water gauges—Wiltbonco Mfg. Co., 24 Porter, Boston, Mass.
REFLEX water gauges, gauge glasses—Jerguson Gage & Valve Co., 358 Atlantic av, Boston, Mass.
REFLUX vacuum heating valves—Jas. P. Marsh & Co., 118 S. Clinton, Chicago, Ill.
REFLUX JUNIOR vacuum traps—Jas. P. Marsh & Co., 118 S. Clinton, Chicago, Ill.
REFORM currycombs—New York Stamping Co., N. 11th & Berry, Brooklyn, N. Y.
REFORM steel tube thermometers—Schaeffer & Budenberg Mfg. Co., Berry & S. 5th, Brooklyn, N. Y.
REG laundry stoves—Gray & Dudley Hardware Co., Nashville, Tenn.
REGAL cast iron ranges—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
REGAL clothes washing machines—Blackstone Mfg. Co., Jamestown, N. Y.
REGAL coffee mills—Landers, Frary & Clark, New Britain, Conn.
REGAL concrete barrows—American Steel Scraper Co., Sidney, Ohio
REGAL dashboard clocks—Post & Lester Co., Hartford, Conn.
REGAL flue stops—Roseland Can & Specialty Co., Rockford, Ill.
REGAL gum gaskets & packing—Quaker City Belting Co., 629 Market, Phila., Pa.
REGAL kerosene lamp burners—Wheeling Stamping Co., Wheeling, W. Va.
REGAL lavatories & fittings—Haines, Jones & Cadbury Co., 1136 Ridge ave, Phila., Pa.
REGAL BRAID sash cords—Puritan Cordage Mills, Louisville, Ky.
REGAN pole rein snaps—Chas. E. Berry, Somerville, Mass.
REGAN'S metallic shingles—Cincinnati Stamping Co., 24 W. McMicken av, Cincinnati, Ohio
REGAR cocks & bibbs—Regar Co., 1523 E. 45th, Cleveland, Ohio
REGENT acid proof belting & packing, mfrs. sheet packing—Dominion Asbestos & Rubber Corp., 154 Nassau, New York
REGENT babbitt metal—More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.
REGENT stoves & steel ranges—Pueblo Brass & Iron Foundry, Pueblo, Colo.
REGINA packing—Crandall Packing Co., Palmyra, N. Y.
REGINA vacuum cleaners—Regina Co., 47 W. 34th New York
REGULAR sheet & square pump packing—Boston Belting Corp., 84 Linden Park, Boston, Mass.
REHN'S water softening & purifying apparatus—Compound Injector & Specialty Co., 419 N. Laramie ave, Chicago, Ill.
REID check valves—N. O. Nelson Mfg. Co., 10th & Chestnut, St. Louis, Mo.
REID gas engines—Frick-Reid Supply Co., Sandusky & Robinson, Pittsburgh, Pa.
REID screw drivers, churns, cream separators—A. H. Reid Creamery & Dairy Supply Co., 69th & Haverford, Phila., Pa.
REID surface grinders—Reid Bros. Co., 161 Summer, Boston, Mass.
REID'S creamery churns—Vermont Farm Machine Co., Bellows Falls, Vt.
REID'S PUTZ metal polish—W. E. Reid Mfg. Co., 204 Milk, Boston, Mass.
REID'S PUTZ POMADE metal polish—W. W. Reid Mfg. Co., 204 Milk, Boston, Mass.
REILLY feed water heaters, distilling evaporators, gasoline filters, oil extractors, steam heaters, hot water generators, water filters—Griscom-Russell Co., 92 West, New York
REILLY steam pumps—National Foundry & Machine Co., Louisville, Ky.
REINERT jolting screens—Link-Belt Co., 39th & Stewart av, Chicago, Ill.
REISCHSANSTALT photometers—Leeds & Northrup Co., Stenton ave, Gtn., Phila., Pa.
REISENBERG'S adjustable wrenches—Jones Sharon E. Co., Indianapolis, Ind.
REKCAP window ventilators—Alfred A. Packer, 7112 Lafayette ave, Chicago, Ill.
REKFORD superior steel—Horace T. Potts & Co., 318 N. 3rd, Phila., Pa.
RELIABLE babbitt metal—Kahn Bros., 785 Humboldt, Brooklyn, N. Y.
RELIABLE bone mills—Mountville Mfg. Co., Mountville, Pa.
RELIABLE carriage fasteners—Jos. N. Smith & Co., Detroit, Mich.
RELIABLE cork screws—Smith & Hemenway Co., 261 B'way, New York; 130 Coit, Irvington, N. J.
RELIABLE disc sharpeners—R. Herschel Mfg. Co., Peoria, Ill.
RELIABLE door hangers—Allith-Prouty Co., Danville, Ill.
RELIABLE electric hoists—A. J. Cline, 343 S. Dearborn, Chicago, Ill.
RELIABLE electric horse clippers, wire connectors—Reliable Electric Co., 413 Sangamon, Chicago, Ill.
RELIABLE extension ladders—Rich Pump Co., South & Depot, Cincinnati, Ohio.
RELIABLE gas radiators, gas ovens, sad iron heaters, toasters—Reliable Stove Co., Cleveland, Ohio
RELIABLE gas ranges, steel ranges, vapor stoves—Schneider & Trenkamp Co., Cleveland, Ohio
RELIABLE gas stoves, radiators, burners, grates, gasoline blow torches, oil stoves & heaters—American Stove Co., St. Louis, Mo.
RELIABLE hose couplings—Rauch Mfg. Co., Galena, Kan.
RELIABLE hot air furnaces—Bartlett Hayward Co., Baltimore, Md.
RELIABLE hydraulic pumps & heating systems—Bishop-Babcock-Becker Co., 49th & Hamilton av, Cleveland, Ohio
RELIABLE jacks, folding scaffold brackets—Elite Mfg. Co., Ashland, Ohio
RELIABLE lightning arresters—Reliable Electric Co., 413 S. Sangamon, Chicago, Ill.
RELIABLE low water alarms—J. E. Lonergan Co., 211 Race, Philadelphia, Pa.
RELIABLE lubricators—American Lubricator Co., Detroit, Mich.
RELIABLE oil & grease cups—Michigan Lubricator Co., Detroit, Mich.
RELIABLE puzzle key rings—Browne & Dowd Mfg. Co., Meriden, Conn.
RELIABLE reinforcing bar benders—McKenna Co., 1851 E. 38th, Cleveland, Ohio
RELIABLE safety fuse—du Pont de Nemours & Co., E. I., Wilmington, Del.
RELIABLE shipping cans—Roseland Can & Specialty Co., Rockford, Ill.
RELIABLE standard lamp black—Bihn & Wolff Co., Bridesburg, Phila., Pa.
RELIABLE steel tape—Lufkin Rule Co., Saginaw, Mich.
RELIABLE stocks & dies—Conant & Donelson Co., Conway, Mass.
RELIABLE sulky hay rakes—Thomas Mfg. Co., Springfield, Ohio
RELIABLE vacuum cleaners—Clements Mfg. Co., 609 Fulton, Chicago, Ill.
RELIABLE wagon jacks—Buffum Tool Co., South Side, Louisiana, Mo.
RELIABLE washboards—National Washboard Co., 72 W. Adams, Chicago, Ill.
RELIABLE water pressure regulators—Cooper Sanitary Mfg. Co., Phila., Pa.
RELIANCE ammeters & voltmeters—Reliance Instrument Co., 1135 W. Van Buren, Chicago, Ill.
RELIANCE belting—Chicago Belting Co., 125 N. Green, Chicago, Ill.
RELIANCE belting, hose, packing—Bowers Rubber Works, San Francisco, Cal.
RELIANCE blotting paper—Albermarle Paper Mfg. Co., Richmond, Va.
RELIANCE boiler tubes—Allegheny Steel Co., Farmers' Bank bldg, Pittsburgh, Pa.
RELIANCE bolt cutting & threading machines—Foote-Burt Co., Cleveland, Ohio
RELIANCE brake beams—Chicago Railway Equipment Co., 1928 W. 46th, Chicago, Ill.
RELIANCE canvas wheels, plating barrels—Chas. F. L'Hommedieu & Sons Co., 24 S. Clinton, Chicago, Ill.

RELIANCE chisels, drawing knives—Greenlee Bros. & Co., Rockford, Ill.
RELIANCE corn & cob mills—Sandwich Mfg. Co., Sandwich, Ill.
RELIANCE door springs—Chicago Spring Butt Co., 340 Union Park ct, Chicago, Ill.
RELIANCE electric bells & speaking tubes—Keil Francis & Son, 401 E. 163d, New York
RELIANCE electric motors & generators—Reliance Electric & Engng. Co., 1064 Ivanhoe rd, Cleveland, O.
RELIANCE fire hose—Boston Coupling Co., 156 Pearl, Boston, Mass.
RELIANCE fish line—Ashaway Line & Twine Mfg. Co., Ashaway, R. I.
RELIANCE garden cultivators—Whitaker Mfg. Co., 509 W. Monroe, Chicago, Ill.
RELIANCE gauge cocks, safety water columns, steam traps, water gauges—Reliance Gauge Column Co., Cleveland, Ohio
RELIANCE grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
RELIANCE hoisting engines — Reliance Machine & Tool Works, Channing & Franklin avs, St.. Louis, Mo.
RELIANCE horse nails—Fowler Nail Co., Seymour, Conn.
RELIANCE hydraulic jacks—Dienelt & Eisenhardt, 1308 N. Howard, Phila., Pa.
RELIANCE hydraulic jacks—Philip S. Justice & Co., 421 Chestnut, Phila., Pa.
RELIANCE ice creepers—Jas. B. Holderbaum, Somerset, Pa.
RELIANCE lock washers—Reliance Mfg. Co., Massillon, Ohio
RELIANCE medical batteries—Storage Battery Supply Co., 239 E. 27th, New York
RELIANCE mop wringers—August Schubert Wagon Co., Oneida, N. Y.
RELIANCE mop wringers—Lee Chair Co., Oneida, N. Y.
RELIANCE motor charging rheostats—Reno-Kaetker Electric Co., 421 Main, Cincinnati, Ohio
RELIANCE numbering machines—Cushman & Denison Mfg. Co., 240 W. 23rd, New York
RELIANCE packing—Empire Tire & Rubber Corp., East Trenton, N J.
RELIANCE rock crushers, stone crushing plants, road oilers, street sprinkling carts & sweeping machinery—Universal Road Machinery Co., Kingston, N. Y.
RELIANCE rubber hose—Peerless Rubber Mfg. Co., 31 Warren, New York
RELIANCE rubber roofing—Sall Mountain Co., 230 S. La Salle, Chicago, Ill.
RELIANCE sash operating device—Payson Mfg. Co., 2918 W. Jackson blvd, Chicago, Ill.
RELIANCE shears & scissors, tinners snips—W. H. Compton Shear Co., 314 Camden, Newark, N. J.
RELIANCE speedometers & aeroplane tachometers—Nelson Blower & Furnace Co., L & Elkins, Boston, Mass.
RELIANCE typewriter ribbons—H. M. Storms Co., 11 Vandewater, New York
RELIANCE wood fibre wall plaster—Empire Gypsum Co., Rochester, N. Y.
RELIANCE wooden toggles—Reliance Toggle & Machine Co., Lowell, Mass.
RELIEF fire hose—Republic Rubber Co., Youngstown, Ohio
RELIO leaf spring oilers—Brown Spring Oiler Co., 6911 Carnegie av, S. E., Cleveland, Ohio
RELLIM toothless harrows—Miller & Rellim Co., College, Corner, Ohio
RELYO closet seats—Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
REM oil, lubricating oil for cleaning guns & revolvers—Remington Arms Union Metallic Cartridge Co., Inc., 233 B'way, New York
REMEK knife switches, transformers—Crocker-Wheeler Co., Ampere, N. J.
REMINGTON steam heaters—Phelps Bros Co., 101 Beekman, New York
REMINGTON U. M. C. ammunition & cartridge primers—Remington Arms Union Metallic Cartridge Co., Inc., 233 B'way, New York
REMORA packing—H. Johnson Co., ft. Gates av, Jersey City, N. J.
RE-MO-VIT paint & varnish remover—Flint Varnish Works, Flint, Mich.
REMY igniters—Remy Electric Co., Anderson, Ind.
RENEWO valves—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
RENIM junction boxes, electric bell floor treads—Renim Specialty Co., Brighton, Mass.
RENO hand screws—Chicago Screw Co., 13 N. Jefferson, Chicago, Ill.
RENO wall plaster—Pacific Portland Cement Co., Con., San Francisco, Cal.
RENOLD chains—Peter A. Frasse & Co., Inc., 417 Canal, New York
RENOWN babbitt metal—Metal Sales Co., Cleveland, Ohio
RENOWN grease cups—Wm. Powell Co., Cincinnati, Ohio
RENOWN lubricating oils & greases—Standard Oil Co. of N. Y., 555 W. 25th, New York
RENOWN stoves—Independent Stove Co., Owosso, Mich.
RENSHAW ratchet drills—Pratt & Whitney Co., Hartford, Conn.
RENSSELAER BANG UP counter scales—Jones of Binghamton (Inc.), Binghamton, N. Y.
REO cotton hose—Bowers Rubber Works, San Francisco, Cal.
REPAUNO explosives—du Pont de Nemours Co., E. I., Wilmington, Del.
REPEATER safety razors—Cronk & Carrier Mfg. Co., Elmira, N. Y.
REPELLO automobile horns—Premier Electric Co., 1123 S. Wabash av, Chicago, Ill.
REPUBLIC axes—Rubinow Edge Tool Works, 35 Vesey, Newark, N. J.
REPUBLIC belting—Man-Sherwood Supply Co., 1616 W. 3d, Cleveland, Ohio
REPUBLIC gas ranges—Republic Stove Mfg. Co., Cleveland, Ohio
REPUBLIC rubber hose & tires—Republic Rubber Co., Youngstown, Ohio
REQUOT hot water heaters—Hopson & Chapin Mfg. Co., New London, Conn.
RES toilet paper holders, towel bars, sash curtain rods—Res Mfg. Co., 2907 Meinecke av, Milwaukee, Wis.
RESCUE fire extinguishers—S. F. Hayward & Co., 250 W. 54th, New York
RESCUE fire hose—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
RESERVE oil cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
RESILIA spring steel—Cambria Steel Co., Widener bldg, Phila., Pa.
RESISTO gauge glasses—Schaeffer & Budenberg Mfg. Co., Berry & S. 5th, Brooklyn, N. Y.
RETAW waterproofing materials—National Roofing Co., Tonawanda, N. Y.
RETRIEVER car bells & gongs—J. G. Brill Co., 62nd & Woodland av, Philadelphia, Pa.
REUTER multiplying & dividing machines—Carl H. Reuter, Land Title bldg., Phila., Pa.
REUTHER potato diggers—S. H. Peck's Sons, East Aurora, N. Y.
REVELATION china kilns—H. J. Caulkins & Co., State & Griswold, Detroit, Mich.
REVERE packing & hose—Revere Rubber Co., Chelsea, Mass.
REVERSIBLE ice creepers—Norlund Mfg. Co., Williamsport, Pa.
REVERSIBLE ratchet wrenches—Lowell Wrench Co., Worcester, Mass.
REVERSIBLE roll paper cutters—Hilts Wrench & Mfg. Co., Richford, N. Y.
REVERSO water closets—Pierce, Butler & Pierce Mfg. Corp., 437 E. 162d, New York
RE-VI-VAR varnish, furniture polish—Nubian Paint & Varnish Co., 1856 Leclaire av, Chicago, Ill.
REVOLVATOR elevators—N. Y. Revolving Portable Elevator Co., Jersey City, N. J.
REX babbitt metal—More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.
REX ball vises—Adolph Muehlmatt, 17 Lion bldg., Cincinnati, Ohio
REX barn door latches—Arcade Mfg. Co., Freeport, Ill.
REX bath & basin plugs—Jenkins Mfg. Co., 20 Vesey, New York
REX battery motors—Davis Kendrick Co., Lebanon, N. H.
REX belting—Barnum Bros. Co., Troy, N. Y.
REX boat anchors—Pendleton Co., 308 S. Water, Providence, R. I.
REX clothes washing machines—Blackstone Mfg. Co., Jamestown, N. Y.
REX dish mops—Eagle Woodenware Mfg. Co., Hamilton, Ohio
REX electric bells—P. R. Mfg. Co., Detroit, Mich.
REX electric car headlights—Dayton Mfg. Co., Dayton, Ohio
REX electric massage vibrators—P. A. Geier Co., Cleveland, Ohio
REX enamels—Edw. Smith & Co., 127 West av, Long Island City, N. Y.
REX feed cookers, tank heaters, windmills—Ross Supply Co., Greenville, Ohio

REX feed cutters—Warsaw-Wilkinson Co., Warsaw, N. Y.
REX fire extinguishers—Missouri Lamp & Mfg. Co., 114 Elm, St. Louis, Mo.
REX grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
REX hand vacuum cleaners—Rex Cleaner Co., 431 Kent av, Brooklyn, N. Y.
REX insulating compounds, paints & paper—Flintkote Co., 88 Pearl, Boston, Mass.
REX ironing machines—Adams Laundry Machinery Co., Troy, N. Y.
REX lubricating oils & axle greases—Marshall Oil Co. of Iowa, Marshalltown, Ia.
REX metal polish, carriage top dressing—Armiger Chemical Co., 2151 Austin av, Chicago, Ill.
REX nail pullers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
REX natural gas burners—Lawson Mfg. Co., Homestead, Pa.
REX packing—Crandall Packing Co., Palmyra, N. Y.
REX packing—Goetze Gasket & Packing Co., New Brunswick, N. J.
REX padlocks—Slaymaker Lock Co., Lancaster, Pa.
REX paint waterproofing materials—Ajax Paint Co., Indianapolis, Ind.
REX pipe bends & coils—M. B. Skinner Co., 562 W. Washington, Chicago, Ill.
REX rat traps—Lovell Mfg. Co., Erie, Pa.
REX self-closing faucets—Vulcan Brass Mfg. Co., 24 Noble Court, Cleveland, Ohio
REX switch boxes, electric fixture studs, ground connection clamps—W. H. Colgan Co., West Newton, Mass.
REX vises—Prentiss Vise Co., 110 Lafayette, New York
REX water heaters—Cleveland Heater Co., 1905 W. 112th, Cleveland, Ohio
REX well drilling machinery—Lucey Mfg. Corp., 233 B'way, New York
REX A high speed steel—Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
REXALL canvas stitched belting—Imperial Belting Co., 400 N. Lincoln, Chicago, Ill.
REX A. A. high speed steel—Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
REX A. A. A. high speed steel—Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
REX ADAMANT sanitary flooring—Flintkote Co., 88 Pearl, Boston, Mass.
REX DIAMOND POINT strip felt & asphalt slate shingles & roofing felts—Flintkote Co., 88 Pearl, Boston, Mass.
REX FLINTKOTE roofing—Flintkote Co., 88 Pearl, Boston, Mass.
REX INLAID roofing—Flintkote Co., 88 Pearl, Boston, Mass.
REXO automobile & electrical horns—Garford Mfg. Co., Elyria, Ohio
REX RED roofing—Flintkote Co., 88 Pearl, Boston, Mass.
REX REVERSIBLE POINT strip felt & asphalt slate shingles & roofing felts—Flintkote Co., 88 Pearl, Boston, Mass.
REX SLATE SURFACED roofing—Flintkote Co., 88 Pearl, Boston, Mass.
REX STRIP asphalt, slate surfaced shingles—Flintkote Co., 88 Pearl, Boston, Mass.
REX-TAN waterproof belting—Bonner & Barnewall, 30 Church, New York
REX WIDE SPACE asphalt & roofing felt, shingles—Flintkote Co., 88 Pearl, Boston, Mass.
REYNOLDS air compressors, gas compressors, Corliss engines, pumping engines—Allis-Chalmer Mfg. Co., Milwaukee, Wis.
REYNOLDS automatic power screw driving machines—Reynolds Machine Co., Moline, Ill.
REYNOLDS baseball gloves—Rawlings Mfg. Co., 23rd & Lucas av, St. Louis, Mo.
REYNOLDS grain car loaders—E. Bauder, Sterling, Ill.
REYNOLDS trace carriers—Frazer & Jones Co., Syracuse, N. Y.
REYNOLDS tread horse powers—Messinger Mfg. Co., Tatamy, Pa.
REYNOLDS trucks—Lansing Co., Lansing, Mich.
RHEINHOLD ice breakers—G. S. Blakeslee & Co., 2856 Quinn, Chicago, Ill.
RHENAG gauge glasses—A. W. Chesterton Co., 64 India, Boston, Mass.
RHINELAND thrust bearings—Rhineland Machine Works Co., 1737 Broadway, New York
RHINO brand calking & glazing putty compound—Pecora Paint Co., 4th & Sedgleyas av, Phila., Pa.
RHOADES bobbin holders—Draper Corp., Hopedale, Mass.
RHOADES-CHANDLER spinning frame separators—Draper Corp., Hopedale, Mass.
RHODE ISLAND hoes—Union Fork & Hoe Co., Columbus, Ohio
RHODES pruning shears—Rhodes Mfg. Co., Grand Rapids, Mich.
RHODES pumice brick—James H. Rhodes & Co., 157 W. Austin av, Chicago, Ill.
RHODES slotting machines—Rhodes Mfg. Co., 984 Park, Hartford, Conn.
RIBBONIZED metallic packing—Glacier Metal Co., Hull & 22nd, Richmond, Va.
RICE gas engines—Trenton Malleable Iron Co., Trenton, N. J.
RICE potato diggers—Keystone Machine Co., York, Pa.
RICE steam engines—Providence Engineering Corp., 521 S. Main, Providence, R. I.
RICE vises—Illinois Iron & Bolt Co., Carpentersville, Ill.
RICE & SARGENT corliss engines—Providence Engineering Works, 521 S Main, Providence, R. I.
RICE'S iron & steel filler cements—U. S. Gutta Percha Paint Co., 12-30 Dudley, Providence, R. I.
RICH barley graders—S. Howes Co., Silver Creek, N. Y.
RICH drill chucks—Clark Equipment Co., Buchanan, Mich.
RICHARD engine & machine oilers—Ansonia Novelty Co., Ansonia, Conn.
RICHARD PEERLESS barn door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
RICHARDS aluminum solder—Janney, Steinmetz & Co., Phila., Pa.
RICHARDS babbitt metal & solder—Richards & Co., Inc., 192 Beverly, Boston, Mass.
RICHARDS door hangers, door pulls, door stays, grindstone fixtures, grandstones, post hole augers, window sash pivots, fuse sinks, wire stretchers, adjustable wrenches, wagons, jacks & stake pockets—Richards-Wilcox Mfg. Co., Aurora, Ill.
RICHARDS pulsator coal jigs & slime classifiers—Denver Engineering Works Co., Denver, Colo.
RICHARDS tablet machines—Hess & Barker, 605 Samson, Phila., Pa.
RICHARDS testing scales—Delaware Metal Refinery, 18th & Washington av, Phila., Pa.
RICHARDS BOSS barn door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
RICHARDS-WILCOX automatic fire door fittings, sliding door locks, barn door rollers, foot scrapers & overhead trolleys—Richards-Wilcox Mfg. Co., Aurora, Ill.
RICHARDSON centrifugal metal part dryers—Smith-Richardson Co., Attleboro, Mass.
RICHARDSON emery & corundum wheels—Waltham Pocket Grinding Wheel Co., Waltham, Mass.
RICHARDSON gas producers—Ceramic Supply & Construction Co., Columbus, Ohio
RICHARDSON levels—Goodell-Pratt Co., Greenfield, Mass.
RICHARDSON lubricators, oil filters—Richardson-Phenix Co., Milwaukee, Wis.
RICHARDSON rules—Geo. W. Richardson, 4212 W. 24th pl, Chicago, Ill.
RICHARDSON scales counting machines, bag filling machines—Richardson Scale Co., 8 Colfax av, Passaic, N. J.
RICHARDSON steam heaters—Richardson & Boynton, 31 W. 31st, New York
RICHARDSON valves—H. G. Hammett, Troy, N. Y.
RICHARDSON ventilators—New England Ventilating & Heating Co., 926 Manton av, Providence, R. I.
RICHARDSON BROS. circular saws—National Mfg. & Steel Supply Co., 781 Summit, Newark, N. J.
RICH LEADER step ladders—Rich Pump Co., South & Depot, Cincinnati, Ohio
RICHMOND baseball bats—E. C. Brinser & Sons, Richmond, Va.
RICHMOND eave-trough hangers—Eureka Fence Mfg. Co., Richmond, Ind.
RICHMOND ELECTRIC DRIVEN clothes washing machines—Richmond Cedar Works, Fulton, Richmond, Va.
RICHMOND fertilizer distributors—Wirtz & Hernlen, Augusta, Ga.
RICHMOND flour packing machines—P. F. Campbell, 55 Laurel, Phila., Pa.
RICHMOND lawn mowers—Dille & McGuire Co., Richmond, Ind.
RICHMOND road oil—Standard Oil Co., 200 Bush, San Francisco, Cal.
RICHMOND vacuum cleaners, heaters, radiators—Richmond Radiator Co., 1480 Broadway, New York
RICHMOND variable speed motors—Richmond Electric Works, McDonough, Richmond, Va.

RICHMOND woven wire fences—Elliott & Reid Co., Richmond, Ind.
RICHTONE wall finish—Arlington Mfg. Co., Canton, Ohio
RICKETTS garbage disposal plants—Nightingale Co., 103 Park av, New York
RICKETTS illuminated elevator thresholds—Elevator Supplies Co., Hoboken, N. J.
RICO car buffers & street car straps—Railway Improvement Co., 61 B'way, New York
RIDGEWOOD rubber hose—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
RIDLON electrical bearings—Frank Ridlon Co., 251 A, Boston, Mass.
RIED dress hooks—Cassady, Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
RIEK'S Christmas tree holders—Rhinelander Refrigerator Co., Rhinelander, Wis.
RIE NIE lubricating oils & greases—Durkee-Atwood Co., 711 N. 3rd av, Minneapolis, Minn.
RIES incandescent lamp sockets—W. T. Pringle, Phila., Pa.
RIGGS improved plows—Thos. Peppler Son & Co., Hightstown, N. J.
RIGHT packing, gaskets, washers, packings—Gasket Supply Co., 1927 Ludlow, Phila., Pa.
RILEY automobile wind shields—Riley Bros., Bridgeton, N. J.
RILEY stokers—Riley Sanford Stoker Co., Worcester, Mass.
RINEK manila rope—Rinek Cordage Co., Easton, Pa.
RINGMETER garden hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
RING POINT welding plates—Rowe Ring-Point Co., Hartford, Conn.
RING-ROLL MILL pulverizing machy. — Sturtevant Mill Co., Clayton & Park, Dorchester, Boston, Mass.
RING TRUE bearing & die castings—General Aluminum & Brass Mfg. Co., Detroit, Mich.
RINO rubber hose—Goodyear Rubber Co., 539 Mission, San Francisco, Cal.
RIO D'ORO dyewood extracts—Jamaica Dyewood & Chemical Co., 50 Church, New York
RIPLEY concrete piles—Monks-Ripley Pile Co., 82 Beaver, New York
RIPLEY grain scoops—Jackson Shovel & Tool Co., Montpelier, Ind.
RIPLEY isinglass—Howe & French Isinglass Co., 89 State, Boston, Mass.
RIPOLIN enamels—J. A. & W. Bird & Co., 88 Pearl, Boston, Mass.
RIPPER peanut roasters—Bartholomew Co., Peoria, Ill.
RISDON-JOHNSTON ore concentrators—Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
RISINGER gas lamps, gas lighting systems—Risinger Bros. Co., East Liverpool, Ohio
RISING FAWN pig iron—Gulf States Steel Co., Birmingham, Ala.
RISING SUN packing—Cancos Mfg. Co., 146 N. 2nd, Philadelphia, Pa.
RISING SUN radiators—South Park Foundry & Machine Co., St. Paul, Minn.
RITCHIE gas engines—Wogaman Bros. Co., Greenville, Ohio
RITES steam engine governors—Sinker-Davis Co., Indianapolis, Ind.
RITETITE self soldering connectors—National Electric Specialty Co., Toledo, Ohio
RITTENHOUSE conduit benders—A. E. Rittenhouse Co., Honeoye Falls, N. Y.
RITTENHOUSE grass seeders — J. F. Rittenhouse, Liberty Mills, Ind.
RITTER air compressors, laboratory lathes, dental chairs & engines—Ritter Dental Mfg. Co., Rochester, N. Y.
RIVAL annunciators—Electric Goods Mfg. Co., Canton, Mass.
RIVAL apple paring machines—Boutell Mfg. Co., Rochester, N. Y.
RIVAL ash sieves—Geo. H. Jelliff & Son, New Canaan, Conn.
RIVAL carbon paper, typewriter ribbons—J. A. Heale & Co., 96 John, New York
RIVAL cooking stoves—Odin Stove Mfg. Co., Erie, Pa.
RIVAL garden cultivators—Brown-Manly Plow Co., Malta, Ohio
RIVAL garden cultivators—Thornburgh Mfg. Co., Bowling Green, Ohio
RIVAL hand carts—La Crosse Plow Co., La Crosse, Wis.
RIVAL hose—Empire Tire & Rubber Corp., East Trenton, N. J.
RIVAL lawn sprinklers—Jno. H. McGowan Co., 52 Central av, Cincinnati, Ohio
RIVAL peanut roasters—Bartholomew Co., Peoria, Ill.
RIVAL post hole diggers—F. E. Kohler Co., Canton, Ohio
RIVAL spark plugs—Hampshire Mfg. Co., Hatfield, Mass.
RIVAL steel tape—Lufkin Rule Co., Saginaw, Mich.
RIVAL stove pipe & elbows—A. Geisel Mfg. Co., 219 S. 2nd, St. Louis, Mo.
RIVALITE metallic packing—Strong Machinery & Supply Co., 21 Walker, New York
RIVERSIDE calcined plaster—Rock Plaster Mfg. Co., 381 4th av, New York
RIVERSIDE cement—Riverside Portland Cement Co., Mills bldg, San Francisco, Cal.
RIVERSIDE stoves & ranges—Rock Island Stove Co., Rock Island, Ill.
RIVETT bench lathes—Rivett Lathe & Grinder Co., 2 Brooks, Brighton, Boston, Mass.
RIX gear grease—Marshall Oil Co. of Iowa, Marshalltown, Ia.
RIXSON door checks, door stops—Oscar C. Rixson Co., 501 S. Jefferson, Chicago, Ill.
ROACH rail joints—Reinforced Rail Joint Co., Syndicate Trust bldg, St. Louis, Mo.
ROADOIL road binders & preservatives—Pure Oil Co., Lafayette bldg, Phila., Pa.
ROANOKE clothes washing machines—Altorfer Bros. Co., Peoria, Ill.
ROB flushing valves—McShane Bell Foundry Co., Harford av, Baltimore, Md.
ROBACO steam & hot water heaters—Roberts-Hamilton Co., Minneapolis, Minn.
ROBB fixture insulating joints—Mitchell Vance Co., 507 W. 24th, New York
ROBB water tube boilers—International Engineering Works, Framingham, Mass.
ROBBINS chain tongs—Robbins, Gamwell & Co., Pittsfield, Mass.
ROBBINS chain tongs—Rochester Drop Forge Co., Rochester, N. Y.
ROBBINS maple flooring—Robbins Lumber Co., Rhinelander, Wis.
ROBBINS pipe tongs—Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
ROBBINS potato planters—Bateman Mfg. Co., Grenlock, N. J.
ROBERTS alcohol torches—H. C. Roberts Elec. Supply Co., 905 Arch, Phila., Pa.
ROBERTS bolt clippers—Roberts Mfg. Co., Somerville, Mass.
ROBERTS boring machines—Jas. McCrea & Co., 562 W. Washington, Chicago, Ill.
ROBERTS bread & drink mixers, churns, & egg & cream beaters—Dorsey Mfg. Co., 39 Pearl, Boston, Mass.
ROBERTS lineman's climbers—Ransome-Leach Co., 115 B'way, New York
ROBERTS steam heaters—Freed Heater Co., Collegeville, Pa.
ROBERTSON blow-off valves—Jno. F. Robertson Co., Park bldg, Pittsburgh, Pa.
ROBERTSON car roofing—Asbestos Protected Metal Co., Beaver Falls, Pa.
ROBERTSON cinder pit conveyors, pneumatic sand hoists, sand towers—Wm. Robertson & Co., 20 W. Jackson blvd, Chicago, Ill.
ROBERTSON steam engine indicators—Jas. L. Robertson & Son, 78 Murray, New York
ROBIN HOOD chloride of lime—F. T. Horton, Hoboken, N. J.
ROBIN HOOD smokeless gun powder—Robin Hood Ammunition Co., Swanton, Vt.
ROBINS belt conveyors & rubber belting—Robins Conveying Belt Co., 13 Park row, New York
ROBINSON folding bath tubs—Davol Rubber Co., 69 Point, Providence, R. I.
ROBINSON tube cleaner—A. W. Chesterton Co., 64 India, Boston, Mass.
ROBINSON vises, scratch awls—M. W. Robinson Co., 203-37th, Brooklyn, N. Y.
ROBINSON & Conley's waste end conveyors—Rushton, Carroll Co., 10 Ethan, Providence, R. I.
ROB ROY belting—B. F. Goodrich Co., Akron, Ohio
ROBSON oven illuminators—Chas. Robson & Co., 8th & Washington av, Phila., Pa.
ROCBOND stucco—Rocbond Co., Wren, Ohio
ROCHESTER apple slicing machinery—Boutell Mfg. Co., Rochester, N. Y.
ROCHESTER automobile towing ropes—Barker Mfg. Co., Rochester, N. Y.
ROCHESTER helve hammers—West Tire Setter Co., Rochester, N. Y.
ROCHESTER lubricators—Greene, Tweed & Co., 109 Duane, New York
ROCHESTER shaft oilers, oil fuse boxes—Riker Mfg. Co., Rochester, N. Y.

ROCHESTER time recorders—International Time Recording Co. of N. Y., Endicott, N. Y.
ROCHESTER vacuum cleaners—Rochester Vacuum Cleaner Co., Rochester, N. Y.
ROCHESTER washing machines—Rochester Rotary Washer Co., Rochester, N. Y.
ROCH-NO insecticide—Plunkett Chemical Co., 2540 Cottage Grove av, Chicago, Ill.
ROCHOW veneer cutting machines—Norman Hubbard's Sons, 265 Water, Brooklyn, N. Y.
ROCK wall finish & plaster—United States Gypsum Co., 205 W. Monroe, Chicago, Ill.
ROCK wall plaster—Rock Plaster Mfg. Co., 381 4th av, New York
ROCKALYTE roofing paints—Continental Paint & Mfg. Co., Cleveland, Ohio
ROCKAWAY pump governors—Kieley & Mueller, 34 W. 13th, New York
ROCKBARNES paper fasteners—Rockwell-Barnes Mfg. Co., 823 S. Wabash av, Chicago, Ill.
ROCK CITY farm wagons—Emerson-Brantingham Co., Rockford, Ill.
ROCKDALE pruning shears—Smith, Seymour & Son, Oakville, Conn.
ROCKDALE MILLS stair treads—Woonsocket Mach. & Press Co., Woonsocket, R. I.
ROCKE portable grain elevators—Meadows Mfg. Co., Pontiac, Ill.
ROCK EMERY MILL pulverizing machy.—Sturtevaut Mills Co., Clayton & Park, Dorchester, Boston, Mass.
ROCKER maple sugar evaporators—C. S. Bell Co., Hillsboro, Ohio
ROCKFORD cultivators, fire benders, fire upsetters, gang plows, harrows & pulverizers, sulky plows—Rockford Mfg. Co., Rockford, Ill.
ROCKFORD drawer construction cutters—Redin, Ekstrom & Co., Rockford, Ill.
ROCKFORD drilling machines—Rockford Drilling Machine Co., Rockford, Ill.
ROCKFORD flour sieves—Roseland Can & Specialty Co., Rockford, Ill.
ROCKFORD flue stops—Roseland Can & Specialty Co., Rockford, Ill.
ROCKFORD planing machines—Ohio Machine Tool Co., Kenton, Ohio
ROCKFORD planing machines—Rockford Machine Tool Co., Rockford, Ill.
ROCKFORD planing machines—Jos. T. Ryerson & Son, 2558 W. 16th, Chicago, Ill.
ROCKFORD power presses—Rockford Iron Works, Rockford, Ill.
ROCKFORD JR. sulky plows—Rockford Mfg. Co., Rockford, Ill.
ROCKHARD maple flooring—Mitchell Bros. Co., Cadillac, Mich.
ROCK ISLAND anvils & vises—Rock Island Mfg. Co., Rock Island, Ill.
ROCK ISLAND neck yokes, neck yoke centers—National Neck Yoke Co., Rock Island, Ill.
ROCK ISLAND plows, plow coulters, riding listers, corn planting drills—Rock Island Plow Co., Rock Island, Ill.
ROCK RIVER hay carriers—Strickler Hay Tool Co., Janesville, Wis.
ROCK-RUN blast furnaces—Bass Fdry & Machine Co., Rock Run, Ala.
ROCKING fruit & vegetable parers—Hudson Parer Co., Leominster, Mass.
ROCKWELL crucible & metal furnaces—W. S. Rockwell Co., 50 Church, New York.
ROCKWELL fuel oil burners, melting & rivet heating furnaces—Monarch Engng. & Mfg. Co., American Bldg., Baltimore, Md.
ROCKWOOD pig iron—Roane Iron Co., Chattanooga, Tenn.
ROCKWOOD pressed steel unions & pipe caps—Rockwood Sprinkler Co., Worcester, Mass.
ROCKWOOD automatic fire sprinklers—Rockwood Sprinkler Co., Worcester, Mass.
ROCKY MOUNTAIN steel wagon skeins—American Skein & Foundry Co., Racine, Wis.
ROCO counting machines & revolutionary counters—Chas. J. Root, Bristol, Conn.
ROCO kitchen enameled ware—Coonley Mfg. Co., Cicero, Ill.
ROCO oil & water pumps—C. F. Roper & Co., Hopedale, Mass.
ROCOCO radiators—American Radiator Co., 820 S. Michigan av, Chicago, Ill.
RODERICK LEAN agricultural implements—Roderick Lean Mfg. Co., Mansfield, Ohio
RODIUNA storage batteries—Milwaukee Auto Specialty Co., 711 Chestnut, Milwaukee, Wis.
RODTITE packing, mfrs. piston & valve rod plungers, pumps, engines, etc.—Dominion Asbestos & Rubber Corp., 154 Nassau, New York
ROE boiler injectors—Stephens Roe Mfg. Co., Detroit, Mich.
ROE pressed steel manheads—Glasgow Iron Co., Pottstown, Pa.
ROEBLING wire rope, wire rope fittings, iron & steel wire, electrical wires & cables—John A. Roebling's Sons Co.—Trenton, N. J.
ROENIUS coal chutes—Grand Rapids Foundry Co., Grand Rapids, Wis.
ROE'S awning fixtures—Roe Justus & Sons, Patchogue, N. Y.
ROESSLER'S electric furnaces—Eimer & Amend, 205 3d av, New York
ROFICO innersoling shoe fibre—Rogers Fibre Co. (Leatheroid Mfg. Co.), 121 Beach, Boston, Mass.
ROGERS auger handles, mitre planers—Miller's Falls Co., 28 Warren, New York
ROGERS automobile truck trailers—Rogers Bros. Co., Albion, Pa.
ROGERS belt punches—E. C. Atkins & Co., Indianapolis, Ind.
ROGERS carbon paper—Rogers Manifold & Carbon Paper Co., 33 Sullivan, New York
ROGERS carbon removers, carriage top dressing—Detroit White Lead Works, Detroit, Mich.
ROGERS grate bars—Salamander Grate Bar Co., 126 Liberty, New York
ROGERS packing—Chaplin-Fulton Mfg. Co., 34 Penn av, Pittsburgh, Pa.
ROGERS saw filing & setting machines—American Wood Working Machinery Co., Rochester, N. Y.
ROGERS tree & bracket insulators—Frank Ridlon Co., 251 A, Boston, Mass.
ROGER WILLIAMS roofing paper—M. N. Cartier & Sons Co., 289 Canal, Providence, R. I.
ROHRER'S sash weights—Caldwell & Drake Iron Works, Columbus, Ind.
ROLAMAT wood rolling mats—Keystone Wire Matting Co., Beaver Falls, Pa.
ROLAND WILDS' calorimeters—Precision Instrument Co., Detroit, Mich.
ROLINCO core oils—Bayerson Oil Works, Erie, Pa.
ROLL core compounds—Smith Facing & Supply Co., Carter rd, Cleveland, Ohio
ROLLAWAY roller bearings—Railway Roller Bearing Co., Syracuse, N. Y.
ROLL-A-WAY window screens—Rollaway Screen Co., Burlington, Vt.
ROLLERINE roller bearing lubricants—Royersford Fdry. & Mch. Co., Royersford, Pa.
ROLLER-SMITH switches, dynamometers, galvanometers & bridges, ohmeters, wattmeters—Roller Smith Co., 233 B'way, New York
ROLLFAST handle bars, roller bearing skates, oil & grease guns—American Skate & Mfg. Co., Reading, Pa.
ROLLINSON transformers—Mohawk Electric Mfg. Co., 45 Lawrence, Newark, N. J.
ROLLIS combination squares, tool sets, hand vises & tap wrenches—M. W. Robinson Co., 203 37th, Brooklyn, N. Y.
ROLLMAN nut crackers, apple corers—Rollman Mfg. Co. (Ltd.), Mount Joy, Pa.
ROLLMAN tobacco transplanters—New Idea Spreader Co., Coldwater, Ohio
ROLL-O-PRESS bakers' machinery—Lobee Pump & Machinery Co., Buffalo, N. Y.
ROMAN fertilizer distributors—Towers & Sullivan Mfg. Co., Rome, Ga.
ROME copper floats—Rome Sanitary Co., Rome, N. Y.
ROME copper tea kettles, wash boilers—Rome Mfg. Co., Rome, N. Y.
ROMELINK hammocks—New York Couch Bed Co., Meadow & Anable av, L. I. City, N. Y.
ROMELINK metallic berths & bunks, bed springs, folding cots—Southern-Rome Co., 623 W. Pratt, Baltimore, Md.
ROMEOID wire—Rome Wire Co., Rome, N. Y.
ROMER axes, hatchets, barking spades—Romer Axe Co., Dunkirk, N. Y.
ROME WIRE—Rome Wire Co., Rome, N. Y.
ROMEYN bath waste & overflow—A. D. Mfg. Co., Detroit, Mich.
RONBERG concrete shovels—Conneaut Shovel Co., Conneaut, Ohio
RONEO copying presses, pencil sharpeners & bill files—Roneo Co., 117 Leonard, New York
RONEY mechanical stokers—Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.
RONSON automobile wrenches—Ronson Specialty Co., 7 Mulberry, Newark, N. J.

ROOF leak varnish—Elliott Varnish Co., 1013 S. Kolmar av, Chicago, Ill.
ROOFCOAT roofing coats, fire resisting paints—Jones Paint Co., Rome, N. Y.
ROOFRITE roofing—Lehon Co., W. 45th & S. Western av, Chicago, Ill.
ROOKE car fare registers—Rooke Automatic Register Co., 17 Warren, Providence, R. I.
ROOT corn planters—Weaver & Co., New Oxford, Pa.
ROOT exhaust heads, riveted steel pipe, tubular boilers—Abendroth & Root Mfg. Co., Newburgh, N. Y.
ROOT snow plows—Kalamazoo Railway Supply Co., Kalamazoo, Mich.
ROOT spring scrapers—Root Spring Scraper Co., Kalamazoo, Mich.
ROOT wood boring machines—B. M. Root Co., York, Pa.
ROOT & BARRON roofing cements—J. R. Bostwick & H. J., Clifton Springs, N. Y.
ROOT-O-U-T bicycle horns—Seiss Mfg. Co., Toledo, Ohio
ROOT'S vacuum pumps—P. H. & F. M. Roots, Connersville, Ind.
ROOVERS type, embossing presses—Roovers Bros., 100 Schermerhorn, Brooklyn, N. Y.
ROPER centrifugal separators—American Tool & Machine Co., 10 High, Boston, Mass.
ROPER propeller wheels—C. F. Roper & Co., Hopedale, Mass.
ROPOLEUM rope dressing—O. F. Zurn Co., Broad & Lehigh, Phila., Pa.
ROSE air tire pumps—J. H. Haney & Co., Omaha, Neb.
ROSE grate bars, shaking grates—Sprague Foundry & Mfg. Co., Council Bluffs, Ia.
ROSE sad irons—Rosenbaum Mfg. Co., 33 Bleecker, New York
ROSEDALE screw drivers—Turner & Deegan, Bristol, Conn.
ROSEDALE tin plate—Follansbee Bros. Co., Pittsburgh, Pa.
ROSEDORE glass shades—Consolidated Lamp & Glass Co., Coraopolis, Pa.
ROSENTHAL corn huskers, ensilage cutters—Rosenthal Corn Husker Co., West Allis, Milwaukee, Wis.
ROSS annunciators—Electric Goods Mfg. Co., Canton, Mass.
ROSS expansion joints—Alberger Heater Co., Buffalo, N. Y.
ROSS feed & fodder cutters—E. W. Ross Co., Springfield, Ohio
ROSS mine ties—Fairmont Mining Machinery Co., Fairmont, W. Va.
ROSS organ motors—Ross Valve Mfg. Co., Troy, N. Y.
ROSS rotary pumps—Chas. Ross & Son Co., 148 Classon av, Brooklyn, N. Y.
ROSS wheel trueing tool for precision grinding—Ross Mfg. Co., 2186 E. 65th, Cleveland, Ohio
ROSSCO glass desk pads—Ravenswood Office Specialties Co., 1800 Newport av, Chicago, Ill.
ROSSIE iron ore paints—Rossie Iron Ore Paint Co., Ogdensburg, N. Y.
ROSTAND automobile wind shields, book racks, bronze sun dials, colonial candlesticks, cuspidors, door stops, fire-place furnishings—Rostand Mfg. Co., Milford, Conn.
RO-TAP testing sieve shaker—W. S. Tyler Co., Cleveland, Ohio
ROTH blowers—Roth Bros. & Co., 1400 W. Adams, Chicago, Ill.
ROTHENBUCHER reversible pump valves—Coronum Equipment Co., 89 Fulton, New York
ROTHWEILER pipe wrenches—Crescent Forging Co., Oakmont, Pa.
ROTHWEILER truck units—Rothweiler Truck Co., Seattle, Wash.
ROTHWELL continuous thickeners, cyanide plants—Colorado Iron Works Co., Denver, Colo.
ROTO flue cleaners—Water Motors Roto Co., Hartford, Conn.
ROTOKOLL telephone switchboards—Electric Goods Mfg. Co., Canton, Mass.
ROTOPLATER plating machines — Connecticut Dynamo & Motor Co., Irvington, N. J.
ROTURBO centrifugal pumps—Manistee Iron Works Co., Manistee, Mich.
ROUGH RIDER springs—Jackson Cushion Spring Co., Jackson, Mich.
ROUGH & READY screw drivers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
ROUND oak stoves—P. D. Beckwith, Dowagiac, Mich.
ROUSE check valves—Stephens-Roe Mfg. Co., Detroit, Mich.
ROUSE hub bands—Eastern Malleable Iron Co., Naugatuck, Conn.
ROVER padlocks—Slaymaker Lock Co., Lancaster, Pa.
ROVER'S egg & cream beaters—G. M. Thurnauer Co., 83 Worth, New York
ROWBOTTOM cam milling machines, presses, grinders—Rowbottom Machine Co., Waterbury, Conn.
ROWE feed water regulators—Jas. McCrea & Co., 562 W. Washington, Chicago, Ill.
ROWE removable screw calks—Rowe Calk Co., Hartford, Conn.
ROWELL feed cutters—I. B. Rowell Co., Waukesha, Wis.
ROWELL grain disc drills, seeders & sowers—Tiger Drill Mfg. Co., Beaver Dam, Wis.
ROWLEY fish screens—Burpee & Letson, Bellingham, Wash.
ROXBRO braided & rubber hose, sheet & square pump packing—Boston Belting Corp., 84 Linden Park, Boston, Mass.
ROXBURY walking plows—Wm. & Hy. Bronson, Roxbury, Conn.
ROYAL air valves—Pierce, Butler & Pierce Mfg. Corp., 437 E. 162d, New York
ROYAL alkali—Royal Chemical Co., Phoenix, R. I.
ROYAL aluminum & gold paints—W. W. Lawrence & Co., Pittsburgh, Pa.
ROYAL barn door hangers, hay carriers—Louden Machine Co., Fairfield, La.
ROYAL belt dressing—Manufacturers' Oil & Grease Co., Century bldg, Cleveland, Ohio
ROYAL belt dressing—O. F. Zurn Co., Broad & Lehigh, Phila., Pa.
ROYAL blanket snaps, flexible buckle shields—North & Judd Mfg. Co., New Britain, Conn.
ROYAL butchers' cleavers—John B. Black Co., Chester, Pa.
ROYAL canvas stitched belting—Peerless Rubber Mfg. Co., 31 Warren, New York
ROYAL card tables—E. T. Burrowes Co., Portland, Me.
ROYAL cement—Dixie Portland Cement Co., Chattanooga, Tenn.
ROYAL cement plaster—Acme Cement Plaster Co., Frisco bldg, St. Louis, Mo.
ROYAL chafing dishes, toilet paper holders—W. H. Sweeney Mfg. Co., 30 Main, Brooklyn, N. Y.
ROYAL clothes dryers—Seed Filter & Mfg. Co., 73 Franklin, New York
ROYAL clothes washing machines—Wayne Mfg. Co., 124 Sidney, St. Louis, Mo.
ROYAL cobblers' outfits—Root-Heath Mfg. Co., Plymouth, Ohio
ROYAL coffee roasters, electric portable drills, meat & food choppers—A. J. Deer Co., Hornell, N. Y.
ROYAL cooking stoves—Odin Stove Mfg. Co., Erie, Pa.
ROYAL corn shellers—Appleton Mfg. Co., Batavia, Ill.
ROYAL counter scales—Jones of Binghamton (Inc.), Binghamton, N. Y.
ROYAL cup grease—Columbia Refining Co., 90 West, New York
ROYAL door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
ROYAL fire extinguishers—Missouri Lamp & Mfg. Co., 114 Elm, St. Louis, Mo.
ROYAL fire hose reels—Wirt & Knox Mfg. Co., 22 N. 4th, Phila., Pa.
ROYAL flue stops—Roseland Can & Specialty Co., Rockford, Ill.
ROYAL flue stops, stove pipe thimbles—Lalance & Grosjean Mfg. Co., 299 Broadway, New York
ROYAL fly traps—Reynolds Wire Co., Dixon, Ill.
ROYAL forge blowers, fire pots, portable forges—Canedy-Otto Mfg. Co., Chicago Heights, Ill.
ROYAL foundry brushes—Worcester Brush & Scraper Co., Worcester, Mass.
ROYAL hammer handles—Carl Stossel & Co., Front Royal, Va.
ROYAL hanging lamps—Plum & Atwood Mfg. Co., Waterbury, Conn.
ROYAL harness menders—Louis Sacks, Inc., Wilson av, Newark, N. J.
ROYAL hatchets—John B. Black Co., Chester, Pa.
ROYAL hay tedders—Thomas Mfg. Co., Springfield, Ohio
ROYAL hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
ROYAL hose connections—Bridgeman Bros. Co., 1426 Washington av, Philadelphia, Pa.
ROYAL hot water radiators—H. B. Smith Co., Westfield, Mass.
ROYAL ice picks—Edw. Parkinson Mfg. Co., 84 Sprague, Providence, R. I.
ROYAL ironing boards—A. G. Christman Co., Reading, Pa.
ROYAL lamp chimneys—Gill Bros. Co., Steubenville, Ohio

ROYAL lath yarn—St. Louis Cordage Mills, 1715 S. 11th, St. Louis, Mo.
ROYAL lawn mowers—E. C. Stearns & Co., 450 Oneida, Syracuse, N. Y.
ROYAL lawn swings—Challenge Co., Batavia, Ill.
ROYAL lubricating oils & greases—National Oil Co., 17 Battery pl., New York
ROYAL lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
ROYAL phosphor copper, manganese copper, phosphor tin, silicon copper—R. F. Lang, 8 Bridge, New York
ROYAL marble—Ross & Republic Marble Co., Knoxville, Tenn.
ROYAL packing—Greene, Tweed & Co., 109 Duane, New York
ROYAL pea hullers—Chattanooga Implement & Mfg. Co., Chattanooga, Tenn.
ROYAL pitless scales—Zimmerman Steel Co., Lone Tree, Ia.
ROYAL platers' compounds—Royal Chemical Co., Phenix, R. I.
ROYAL pruning shears—Smith, Seymour & Son, Oakville, Conn.
ROYAL rock crushers, road scrapers, dumping wagons—Smith & Sons Mfg. Co., Kansas City, Mo.
ROYAL roadsters & baking pans—Silver & Co., 304 Hewes, Brooklyn, N. Y.
ROYAL roofing cement—A. Wilhelm Co., Reading, Pa.
ROYAL sad irons—Royal Iron Mfg. Co., Big Prairie, Ohio
ROYAL shoe polishes—S. M. Bixby & Co., 46th & 2nd av, Brooklyn, N. Y.
ROYAL sickel grinders—Clizbe Bros. Mfg. Co., Plymouth, Ind.
ROYAL sisal manila rope—St. Louis, Mo.
ROYAL steam heaters—Hart & Crouse Co., Utica, N. Y.
ROYAL steam heaters—Royal Steam Heater Co., Gardner, Mass.
ROYAL stock scales—Zimmerman Steel Co., Lone Tree, Ia.
ROYAL stone clothes washing machines—H. F. Brammer Mfg. Co., Daveport, Ia.
ROYAL stoves—Fox Furnace Co. Elyria, Ohio
ROYAL stoves—Grinberg Bros., 154 South, New York
ROYAL sulky plows—Racine-Sattley Co., Springfield, Ill.
ROYAL typewriters—Royal Typewriter Co., 364 Broadway, New York
ROYAL vacuum cleaners, electric hair dryers & washing machines—P. A. Geier Co., Cleveland, Ohio
ROYAL ventilators, exhaust heads—Royal Ventilator Co., 415 Locust, Philadelphia, Pa.
ROYAL wagon scales—Zimmerman Steel Co., Lone Tree, Ia.
ROYAL window cleaning appliances—Window Cleaners' Improved Belt & Device Co., 62 W. Washington, Chicago, Ill.
ROYAL woven wire fences—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
ROYAL woven wire fences & wire fence stretchers—Elliott & Reid Co., Richmond, Ind.
ROYAL BLUE lawn mowers—Chadborn & Coldwell Mfg. Co., Newburgh, N. Y.
ROYAL ARCHER rubber sheeting—Archer Rubber Co., Milford, Mass.
ROYAL CAFE fry pans—Royal Mfg. Co., 406 Commerce, Philadelphia, Pa.
ROYAL DANE milk cans—Oakes & Burger Co., Cattaraugus, N. Y.
ROYAL DE LUXE automobile lamps—Post & Lester, Hartford, Conn.
ROYAL EXTRA belting—Chas. A. Schieren & Co., 30 Ferry, New York
ROYAL FLUSH car fenders & wheel guards—McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg, Chicago, Ill.
ROYAL GEM gasoline lamps—Royal Gas Light Co., 18 W. Kinzie, Chicago, Ill.
ROYAL LEADER sprayer pumps—Field Force Pump Co., Elmira, N. Y.
ROYALUXE enamels—A. Wilhelm Co., Reading, Pa.
ROYAL OAK axe handles—Wm. Charlesworth Handle Co., Fayetteville, Ark.
ROYAL OAK belting—Smyth-Despard Co., Utica, N. Y.
ROYAL ROCHESTER copper ware—Rochester Stamping Co., Rochester, N. Y.
ROYAL RUSTIC match safes—Royal Mfg. Co., Denckla bldg, Philadelphia, Pa.
ROYAL TORRID steam heaters—W. H. Drake Co., 36 Clinton, Newark, N. J.
ROYAL WORCESTER belt lacing, belt cements & dressing—Graton & Knight Mfg. Co., Worcester, Mass.
ROYAL WORCESTER enameled blotting paper—Standard Paper Mfg. Co., Hull & Canal, Richmond, Va.
ROYAL WORCESTER lubricating oils & greases—White & Bagley Co., Worcester, Mass.
ROYAL WORCESTER track brooms & brushes—Worcester Brush & Scraper Co., Worcester, Mass.
RAYBESTOS packing—Raybestos Co., Bridgeport, Conn.
ROYDEN marble polishing rings, carborundum tooth saws—Royden Marble Machinery Co., 137 E. 25th, New York
ROYS weeding hooks—Potter Mfg. Co., Geneva, Ohio
RUB & KURRY horse brushes—Standard Brush Co., Hartford, Conn.
RUBMER collars & cuffs—The Arlington Works (E. I. du Pont de Nemours & Co.), 21 E. 40th, New York
RUBBER BACK backing—Boston Belting Corp., 84 Linden Park, Boston, Mass.
RUBBER BONE whips—Featherbone Whip Co., Westfield, Mass.
RUBBERBESTOS packing—A. W. Chesterton Co., 64 India, Boston, Mass.
RUBBERGLASS translucent fabrics, cornices & skylights—Angier Mills, Ashland, Mass.
RUBBERHIDE boots & shoes—Rubberhide Co., 212 Essex, Boston, Mass.
RUBBER ITE belting & hose—McIlroy Belting & Hose Co., Hammond, Ind.
RUBBEROID handle screw drivers—Vlchek Tool Co., 10711 Quincy av, Cleveland, Ohio
RU-BER-OID car roofing, motor cloth, asphalt shingles, cements & sanitary flooring—Standard Paint Co., 233 B'way, New York
RUBBEROILEUM linoleum—Ringwalt Linoleum Works, New Brunswick, N. J.
RUBBERSET brushes—Rubberset Co., 56 Ferry, Newark, N. J.
RUBBESTOS rubber heels & rubber soles—Atlantic Mfg. Co., Wilmington, Del.
RUBDRY cotton towels—Rubdry Towel Co., Providence, R. I.
RUBES automobile horns—Automobile Supply Mfg. Co., 80 B'way, Brooklyn, N. Y.
RUBISPIERRE'S patent leader heads—Greason Mfg. Co., 108 W. 99th, New York
RUBOIL belting, belt fasteners—Ruboil Belting Co., 640 N. 8th, Philadelphia, Pa.
RUB ON PAINT—J. G. Hetzel (Est. of), 67 Main, Newark, N. J.
RUBRA boiler oils—Talmage Mfg. Co., Cleveland, Ohio
RUBRISTO set-in-rubber brushes—Hanlon & Goodman Co., 270 Pearl, New York
RUBY garment hangers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
RUBY lantern globes—Crescent Glass Co., Wellsburg, W. Va.
RUBY lubricating oils & greases—J. D. Street & Co., 206 N. 2nd, St. Louis, Mo.
RUBY packing—New York Belting & Packing Co., 91 Chambers, New York
RUBY rubber hose—National India Rubber Co., Bristol, R. I.
RUBY shoveling & end gate boards—Hayes Pump & Planter Co., Galva, Ill.
RUBY soldering fluid—Ruby Chemical Co., Columbus, Ohio
RUBY-RUB metal polish—Hinds & Coon, 126 Pearl, Boston, Mass.
RUD farm wagons—C. O. Rud & Co., Lansing, Ia.
RUDE grain drills—Rude Mfg. Co., Liberty, Ind.
RUDE-NORTHWESTERN grain drills—Rude Mfg. Co., Liberty, Ind.
RUDGE WHITWORTH wire wheels—Standard Roller Bearing Co., 50th & Lancaster av, Phila., Pa.
RUDIGER automatic hose cleaners—Consolidated Mfg. Co., 54 Belmont av, Newark, N. J.
RUDOLPHI & KRUMMEL crimping & beading machines, ring forming machines, spring coiling machines, screw cap rolling machines, power presses—American Can Co., Monroe bldg., Chicago, Ill.
RUEDORFF'S gas analysis apparatus—Eimer & Amend, 205 3d av, New York
RUFF simplex pasteurizing machines—A. Magnus Sons Co., 327 W. Randolph, Chicago, Ill.
RUFUS spring tooth harrows—Brinly-Hardy Co., Louisville, Ky.
RUGBY steam heaters—J. H. McLain Co., Canton, Ohio
RUGG snow shovels—Rugg Mfg. Co., Greenfield, Mass.
RUGGLES boiler flue & tube cleaners—Caldwell, H. W. & Son Co., 17th & Western av, Chicago, Ill.

RUGGLES stone sawing machines, slate drilling & countersinking machines, wire rope tramways—Ruggles Machine Co., Poultney, Vt.
RUHRAL suction hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
RUMELY gang plows, grain graders & weighers, clod crushers, clover hullers, steam & traction engines—Leo Rumely Tractor Co., La Porte, Ind.
RUMELY IDEAL grain & rice separators—Leo Rumely Tractor Co., La Porte, Ind.
RUNDLE-SPENCE drinking fountains—Rundle-Spence Mfg. Co., Milwaukee, Wis.
RUNDLE'S powder thawers—A. J. Rundle, Iron Mountain, Mich.
RUN EASY door hangers—E. E. Souther Iron Co., Klenlin & Hamburger, St. Louis, Mo.
RUNWELL lubricating oils & greases—G. C. Woolley Co., 502 E. 20th, New York.
RURAL garden cultivators—Empire Plow Co., Cleveland, Ohio
RURAL sight feed lubricators—Michigan Lubricator Co., Detroit, Mich.
RUSCO asbestos brake linings, automobile belts—Russell Mfg. Co., Middletown, Conn.
RUSDEN steaming machines—Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.
RUSH-E-RASER ink brush erasers—Rush Eraser Co., Syracuse, N. Y.
RUSHFORD farm wagons—Winona Wagon Co., Winona, Minn.
RUSHTON-CARROLL stock conveyors, & under grid cord attachments—Rushton-Carroll Co., 34 Tudor, Cambridge, Mass.
RUS-PRUF road culverts—Butler Mfg. Co., Kansas City, Mo.
RUSSELL electric lamp sockets—E. H. Freeman Electric Co., Trenton, N. J.
RUSSELL hand power presses—Ripley Foundry & Machine Co., Ripley, Ohio
RUSSELL horse nails—Standard Horse Nail Co., New Brighton, Pa.
RUSSELL hot water generators, live steam separators, steam heaters, steam engines—Griscom-Russell Co., Chicago, Ill.
RUSSELL plunger pumps—Thos. Laughlin Co., Portland, Me.
RUSSELL rubber horse shoe pads—Firestone Tire & Rubber Co., Akron, Ohio
RUSSELL sidewalk snow plows, graders & ditchers—Russell Grader Mfg. Co., Minneapolis, Minn.
RUSSELL straw stackers—Buffalo Pitts Co., Buffalo, N. Y.
RUSSELL taps, drills & reamers—Russell Mfg. Co., Greenfield, Mass.
RUSSELL traction engines, thresher cylinder wrenches—Russell & Co., Massillon, Ohio
RUSSELL-HAMMER automobile horns—Russell Electric Co., Danbury, Conn.
RUSSETINE shoe blacking & polishes—World Polish Mfg. Co., York, Pa.
RUSSO fiberite packing—A. W. Chesterton Co., 64 India, Boston, Mass.
RUSSWIN door checks, door stops, meat & food choppers, panic-exit door bolts, spring hinges—Russell & Erwin Mfg. Co., New Britain, Conn.
RUST clay mixers—Marion Machine, Foundry & Supply Co., Marion, Ind.
RUST water tube boilers—Babcock & Wilcox Co., 85 Liberty, New York
RUSTLER potato diggers—Racine-Sattley Co., Springfield, Ill.
RUSTLESS padlocks—Slaymaker Lock Co., Lancaster, Pa.
RUSTNOUGHT coating paints—Billings, Chapin Co., Cleveland, Ohio
RUTENBER electric ranges—Rutenber Electric Co., Logansport, Ind.
RUTENBER gasoline engines—Rutenber Motor Co., Marion, Ind.
RUTH self-feeders & band cutters for threshers—Maytag Co., Newton, Ia.
RUTLAND fire brick, fire clay, furnace cements, marble dust, plastic stove linings, powdered soapstone, wood fibre plaster—Rutland Fire Clay Co., 550 W. 12th, Chicago, Ill.
RUTTY wall plugs—J. B. Prescott & Son, Webster, Mass.
RUUD thermal gas heaters—Ruud Mfg. Co., 428 Penn, Pittsburgh, Pa.
RYALLS spindle motions for mules—Ryalls Machinery Corp., Charlottesville, Va.
RYAN box hinges—M. C. Ryan Co., Phoenix, N. Y.
RYAN park sprinklers—Jas. B. Clow & Sons, Franklin & Harrison, Chicago, Ill.
RYAN'S ball cocks—Exeter Brass Works, Exeter, N. H.
RYDER grate bars—Salamander Grate Bar Co., 126 Liberty, New York
RYDER meter boxes—Clarksville Foundry & Machine Works, Clarksville, Tenn.
RYERSON fire hose reels—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
RYERSON high speed twist drills & friction saws—Jos. T. Ryerson & Son, 2558 W. 16th, Chicago, Ill.
RYHMCO trolley switches—Railway Materials Co., Railway Exch. bldg, Chicago, Ill.

S. adjustable wrenches, pincers, linemen's climbers—H. D. Smith & Co., Plantsville, Conn.
S. bath & basin traps—Ireland Matthews Mfg. Co., Detroit, Mich.
S combination wrenches—Jno. Stortz & Son, 210 Vine, Phila., Pa.
S pipe wrenches—Bonney Vise & Tool Works, Allentown, Pa.
S-A conveyors, car pulls, friction clutches, mining & revolving screens—Stephens-Adamson Mfg. Co., Aurora, Ill.
S. A. E. cap screws—Detroit Screw Works, 348 Franklin, Detroit, Mich.
S. B. B. UNIVERSAL malt mills—H. H. Freund, 154 W. 18th, New York
S. B. & B. mash filters—H. H. Freund, 154 W. 18th, New York
S-C magnet wire—Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.
S-C pump governors, continuous feed water regulators, balanced float valves, relief valves, gauge & valveless cocks—"S-C" Regulator Mfg. Co., Fostoria, Ohio
S. C. S. luggage automobile trunks—S. C. Simon & Co., 404 Brown, Phila., Pa.
S. F. packing—Schultz Patent Rubber Co., Philadelphia, Pa.
S. H. electric desk lights—Stuart-Howland Co., 234 Congress, Boston, Mass.
S. HALLEY & SON card clothing—Speed & Stephenson, 170 Summer, Boston, Mass.
S. J. ADDIS wood carving tools—Peter A. Frasse & Co., 417 Canal, New York
S. K. F. self-aligning ball bearing shaft hangers, ball annular, electrical motors & thrust bearings—S. K. F. Ball Bearing Co., Hartford, Conn.
S. K. F. ball bearings—S. K. F. Ball Bearing Co., 5 Nassau, New York
S-M watertight lamp guards—Seidler-Miner Elec. Co., Detroit, Mich.
S. M. B. manganese bronze ingots—American Manganese Bronze Co., 3501 Rhawn, Philadelphia, Pa.
S. M. C. automatic cylinder valves, perpetual rope packing—Specialty Mfg. Co., 14 E. Jackson blvd, Chicago, Ill.
S. M. C. brake lining—Staybestos Mfg. Co., Germantown, Philadelphia, Pa.
S. M. S. roof flanges—Prier Brass Mfg. Co., Kansas City, Mo.
S-N family cleavers—Stephen Richard Co., Southbridge, Mass.
S O S cushion springs—Detroit Wire Spring Co., Detroit, Mich.
S. P. C. slate shingles & compounds—Standard Paint Co., 233 Broadway, New York
S. P. V. W. paint & varnish—Southern Paint & Varnish Works, Atlanta, Ga.
S. R. knives—Stephen Richard Co., Southbridge, Mass.
S. R. O. ball bearings—Marburg Bros., 90 West, New York
S. R. S. padlocks—Slaymaker Lock Co., Lancaster, Pa.
S. S. babbitt metal—William A. Hardy & Sons Co., 113 Water, Fitchburg, Mass.
S. S. cement—Louisville Cement Co., Louisville, Ky.
S. S. concrete mixers—Cement Tile Machinery Co., Waterloo, Ia.
S. S. S. hose nozzles—Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
S. S. S. packing—Crandall Packing Co., Palmyra, N. Y.
S. S. & S. magnetic separators, ore concentrators, ore dryers—Sutton, Steel & Steel, Dallas, Texas.
S. T. D. ratchet drills—Lowell Wrench Co., Worcester, Mass.
S. V. TUCK shoe knives—Tuck Mfg. Co., Brockton, Mass.
S.-W. storage battery enamels—Sherwin-Williams Co., Cleveland, Ohio
S. & B. dynamometers—Schaeffer & Budenberg Mfg. Co., Berry & S. 5th, Brooklyn, N. Y.
S. & B. metal polish—Uno Mfg. Co., 6433 E. Ravenswood pk, Chicago, Ill.
S. & B. post hole augers—Eureka Fence Mfg. Co., Richmond, Ind.

S. & C. enclosed fuses, high tension—Delta-Star Electric Co., 617 W. Jackson blvd, Chicago, Ill.
S. & CO. saw sets—Sargent & Co., New Haven, Conn.
S. & E. M. CO. belt punches, gas pliers—Smith & Egge Mfg. Co., Bridgeport, Conn.
S. & H. concrete finishing tools—Ulfers-Holtum Mfg. Co., Freeport, Ill.
S. & H. grain cleaning & grading machines—Foosston Mfg. Co., St. Paul, Minn.
S. & I. belt punches, chisels, cotter pin extractors, compass saws, glass cutters, hack saw blades, never break screw drivers, tack claws & pullers, universal wrenches—S. & I. Co., Springfield, Mass.
S. & K. heaters, distilling apparatus, oil coolers, evaporators—Schutte & Koerting Co., 1251 N. 12th, Philadelphia, Pa.
S. & P. burglar alarms—Stanley & Patterson, 23 Murray, New York
S. & S. belt dressing—Staplin & Smith Co., 350 W. Austin, Chicago, Ill.
S. & S. cesspools—Storch & Scheid, 1102 Wolf, Phila., Pa.
S. & S. gasoline engines, revolving screens, steel centering—Cement Tile Machinery Co., Waterloo, Ia.
SABLE harness leather—Shultz Belting Co., Bismarck & Barton, St. Louis, Mo.
SABLE packing—H. Johnson Co., ft Gates av, Jersey City, N. J.
SACA lamp cord adjusters—Condit Electrical Mfg. Co., 1st & L, Boston, Mass.
SACHEM belting—Ulmer Leather Co., Norwich, Conn.
SACHEM oil cups—Swift Lubricator Co., Elmira, N. Y.
SACKETTS plaster boards—Fowler & Pay, Mankato, Minn.
SACO semaphore signal blades—Signal Accessories Co., Utica, N. Y.
SACO corks—Spanish-American Cork & Specialty Co., Westport, Baltimore, Md.
SACO steel spring cotters—E. P. Smith & Co., Sharon Hills, Pa.
SACONY oils—Standard Oil Co. of N. Y., 555 W. 25th, New York
SAFE computing cheese cutters—Computing Cheese Cutter Co., Anderson, Ind.
SAFE-CABINET medicine cabinets—Safe-Cabinet Co., Marietta, Ohio
SAFEDGE safety razors—Safedge Co., Geneva, N. Y.
SAFEDUCT flexible metalic conduits—Saylor Electric & Mfg. Co., 115 S. Main, Pittsburgh, Pa.
SAFE-GUARD check protectors—John Whitaker Mfg. Co., N. Wales, Pa.
SAFEGUARD electric automobile horns—Duplex Electric Mfg. Co., Pittsburgh, Pa.
SAFE GUARD fire extinguishers—Knight & Thomas (Inc.), 212 Summer, Boston, Mass.
SAFE LION ensilage cutters—Geo. S. Comstock & Son, Mechanicsburg, Pa.
SAFETY asphalt roofing—National Roofing Co., Tonawanda, N. Y.
SAFETY burners—Wheeling Stamping Co., Wheeling, W. Va.
SAFETY car pullers—Link Belt Company, 39th & Stewart av, Chicago, Ill.
SAFETY coal hole covers—American Mason Safety Tread Co., Lowell, Mass.
SAFETY door hangers—Safety Door Hanger Co., Ashland, Ohio
SAFETY door & window bolts—H. E. Clark & Bros., Rochester, N. Y.
SAFETY drill holders—Beaman & Smith Co., Providence, R. I.
SAFETY electric car brakes—Lord Mfg. Co., 105 W. 40th, New York
SAFETY extension ladders—Rich Pump Co., South & Depot, Cincinnati, Ohio
SAFETY fountain pens—Caw's Pen & Ink Co., 76 Duane, New York
SAFETY garden plows—Towers & Sullivan Mfg. Co., Rome, Ga.
SAFETY meter seals—United Seal Co., 239 S. Pearl, Columbus, Ohio
SAFETY neck yoke centers—E. B. Adams & Son, Racine, Wis
SAFETY packing—Crandall Packing Co., Palmyra, N. Y.
SAFETY packing—Steel Mill Packing Co., 42 Larned av, Detroit, Mich.
SAFETY refuse burners—W. J. Clark Co., Salem, Ohio
SAFETY steering sleds—Safety Sled Co., Mt. Jewett, Pa.
SAFETY strain insulators—Electrose Mfg. Co., Washington & Plymouth, Brooklyn, N. Y.
SAFETY swinging racks—Chas. Nuhring & Bro., 1212 Walnut, Cincinnati, Ohio
SAFETY tapping chucks—Peters Bros. Mfg. Co., Algonquin, Ill.
SAFETY tire vulcanizers—Safety Vulcanizer Mfg. Co., Mason City, Ia.
SAFETY trench braces—Harold L. Bond Co., 391 Atlantic av, Boston, Mass.
SAFETY CHECK dumb waiters—Wm. T. King, 453 Broadway, Brooklyn, N. Y.
SAFETY CHECK paper—Geo. La Monte & Son, 61 Broadway, New York.
SAFETY FIRST fire extinguishers—Hacker Mfg. Co., 410 Pearl, Cincinnati, O.
SAFETY FIRST rubber gloves—M. W. Dunton Co., 150 Niagara, Providence, R. I.
SAFETY FIRST shifters belt—Ready Tool Co., Bridgeport, Conn.
SAFETY TREAD rubber heels—Elastic Tip Co., 370 Atlantic av, Boston, Mass.
SAFETY TRIUMPH hypodermic syringes—Randall-Faichney Co., Boston, Mass.
SAGAMORE belting—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
SAGAMORE rubber hose—National India Rubber Co., Bristol, R. I.
SAGENDOFF metallic shingles—Penn Metal Ceiling & Roofing Co. (Ltd.), 23rd & Hamilton, Phila., Pa.
SAGENG machine tongues—Fosston Mfg. Co., St. Paul, Minn.
SAGER axes—Warren Axe & Tool Co., Warren, Pa.
SAGINAW maple flooring—S. L. Eastman Flooring Co., Saginaw, Mich.
SAGINAW silos—McClure Co., Saginaw, Mich.
SAGINAW wood faucets—Automatic Faucet & Spigot Co., Saginaw, Mich.
SAHARA canvas stitched belting—Imperial Belting Co., 400 N. Lincoln, Chicago, Ill.
SAHARA packing—Crandall Packing Co., Palmyra, N. Y.
ST. CLAIR fish spears—Bonafide Mfg. Co., Plymouth, Mich.
ST. CLAIR gas ranges—Belleville Stove & Range Co., Belleville, Ill.
ST. CRISPEN horse rasps—Stokes Bros. Mfg. Co., Freehold, N. J.
ST. FRANCIS typewriter ribbons—Ernest Dalton, 444 Market, San Francisco, Cal.
ST. JOE fly swatters—David Carswell, St. Joseph, Mo.
ST. JOE riding listers—St. Joseph Plow Co., St. Joseph, Mo.
ST. JOHN gas meters, steam meters—G. C. St. John, 280 Madison av, New York
ST. JOHN packing—Hartford Engine Works, Hartford, Conn.
ST. JOHN packing—H. B. Underwood & Co., 1025 Hamilton, Phila., Pa.
ST. JOHN steam meters—American District Steam Co., No. Tonowanda, N. Y.
ST. LAWRENCE reclaimed rubber—Nearpara Rubber Co., Trenton, N. J.
ST. LOUIS boll extractors—Alsop Process Co., St. Louis, Mo.
ST. LOUIS car bells & gongs. side bearings—St. Louis Car Co., 8000 N. Broadway, St. Louis, Mo.
ST. LOUIS car doors & fittings—Western Railway Equipment Co., Central Nat'l. Bk. bldg; St. Louis, Mo.
ST. LOUIS gate latches—Wrightsville Hardware Co., Wrightsville, Pa.
ST. LOUIS hand carts—Kilbourne & Jacobs Mfg. Co., Columbus, Ohio
ST. MARYS friction clutch pulleys—St. Marys Machine Co., St. Marys, Ohio
ST. PAUL traction engines—Como & Marion, St. Paul Machinery Mfg. Co., St. Paul, Minn.
ST. PAUL ventilators, wall ties—St. Paul Roofing, Cornice & Ornament Co., West St. Paul, Minn.
SALAMANDA packing—New York Belting & Packing Co., 91 Chambers, New York
SALAMANDER grate bars—Salamander Grate Bar Co., 126 Liberty, New York
SALAMANDER insulated wire—Independent Lamp & Wire Co., 1733 Broadway, New York
SALAMANDER packing—Chicago Engineer Supply Co., 68 W. Lake, Chicago, Ill.
SALAMANDER steel rolling doors.—J. G. Wilson Corp'n., The, 8 W. 40th, New York
SALEM belting—Mercer Rubber Co., Hamilton, N. J.
SALEM elevator & conveyor buckets—W. J. Clark Co., Salem, Ohio
SALEM elevator & conveyor buckets—Moore & Lorenz Co., 2144 W. Fulton, Chicago, Ill.
SALEM miners' coal augers—Salem Tool Co., Salem, Ohio
SALEM traps—Jos. H. Young Co., 82 High, Boston, Mass.

SALISBURY paper fasteners—Salisbury Mfg. Co., 14 Leather av, Providence, R. I.
SALISBURY sheet packing—W. W. Salisbury & Co., 105 S. Wabash av, Chicago, Ill.
SALISBURY transmission gears—Buffalo Engine Co., Buffalo, N. Y.
SAL-MO felt shingles—Sall Mountain Co., 230 S. La Salle, Chicago, Ill.
SALOME chemical engine hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
SALVAGE fire extinguishers—American-La France Fire Engine Co., Elmira, N. Y.
SAMMON dry batteries—Electric Goods Mfg. Co., Canton, Mass.
SAMPSON box straps—W. F. Robertson Steel & Iron Co., Elm & Commerce, Cincinnati, Ohio
SAMPSON extension ladders—Rich Pump Co., South & Depot, Cincinnati, Ohio
SAMPSON harness snaps—Sargent & Co., New Haven, Conn.
SAMPSON nail pullers—L. F. Grammes & Sons, Allentown, Pa.
SAMPSON sash locks—Ellis Mfg. Co., Milldale, Conn.
SAMPSON screen door hinges—Champion Hardware Co., Geneva, Ohio
SAMPSON shoveling & end gate boards—Nagley Mfg. Co., Lyons, N. Y.
SAMPSON waste baling presses—Ripley Foundry & Machine Co., Ripley, Ohio
SAMPSON wire stretchers—Hunt, Helm, Ferris & Co., Harvard, Ill.
SAMPSTONE flushing valves—Sampstone Mfg. Co., 1607 Prairie av, Chicago, Ill.
SAMSCO centrifugal pumps—San Antonio Machine & Supply Co., San Antonio, Tex.
SAMSON ash sifters—Steinfeld Bros., 116 W. 32nd, New York
SAMSON automobile & carriage heaters, telephones & apparatus—American Electric Co., 6401 S. State, Chicago, Ill.
SAMSON back band buckles—Stanley Works, New Britain, Conn.
SAMSON back book sewing machines—Samson Back Book Machine Co., Reading, Pa.
SAMSON batteries—Electric Goods Mfg. Co., Canton, Mass.
SAMSON belt lacing—Norwich Belt Mfg. Co., Norwich, Conn.
SAMSON centrifugal pumps—Samson Iron Works, Stockton, Cal.
SAMSON chains—Cleveland Galvanizing Works Co., 3924 Cooper av, N. E., Cleveland, Ohio
SAMSON closet seats—Van Arnam Mfg. Co., Ft. Wayne, Ind.
SAMSON concrete building block machinery, fire hose shut off—D. G. Rowell, Appleton, Wis.
SAMSON cork pullers—Walker C. L. & Co., 656 W. 12th, Erie, Pa.
SAMSON door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
SAMSON feldspar roofing—Keystone Roofing Mfg. Co., York, Pa.
SAMSON hay carriers—Appleton Hay Tool Co., Appleton, Wis.
SAMSON hoists—English Iron Works Co., Kansas City, Mo.
SAMSON hoof parers—Leavitt Mfg. Co., Urbana, Ill.
SAMSON horse collars—Couch Bros. Mfg. Co., Atlanta, Ga.
SAMSON hose couplings—Cassady, Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
SAMSON insulating compounds & splicing gum—Consumers' Rubber Co., Cleveland, Ohio
SAMSON jacks—Oliver Mfg. Co., 326 S. Desplaines, Chicago, Ill.
SAMSON oil & grease cups—Pemberton Injector Co., 346 Holden av, Detroit, Mich.
SAMSON ore crushers—Elspass Engineering & Mining Machinery Co., Denver, Colo.
SAMSON packing, rubber horse shoe pads—Revere Rubber Co., Chelsea, Mass.
SAMSON padlock locks—U. S. Lock & H'dwe. Co., Columbia, Pa.
SAMSON plaster—American Cement Plaster Co., Lawrence, Kan.
SAMSON porch columns—Washington Mfg. Co., Tacoma, Wash.
SAMSON rail benders—Q. & C. Co., 90 West, New York
SAMSON rock crushers—Samson Mfg. Co., Denver, Colo.
SAMSON saw sets, post hole diggers—Hy. Disston & Sons, Tacony, Phila., Pa.
SAMSON screw drivers—Union Hardware Co., Torrington, Conn.
SAMSON screw drivers, screw driver bits—Sawyer Tool Mfg. Co., Ashburnham, Mass.
SAMSON sweep horse powers—Sandwich Mfg. Co., Sandwich, Ill.
SAMSON tack claws & pullers—Bradley & Farnham, Middlefield, Conn.
SAMSON tack claws & pullers—Rocky Hill Hardware Co., Rocky Hill, Conn.
SAMSON tank sprayer—Deming Co., Salem, Ohio
SAMSON tinners' snips—Peck, Stow & Wilcox Co., Cleveland, Ohio
SAMSON toggles—U. S. Expansion Bolt Co., 25 Elm, New York
SAMSON tube brushes—Albert E. Rinn, Allentown, Pa.
SAMSON turbine water wheels—Jas. Leffel & Co., 500 Lagonda, Springfield, Ohio
SAMSON wagon jacks—L. J. Kelly Mfg. Co., Albany, N. Y.
SAMSON windmills—Portable Elevator Mfg. Co., Bloomington, Ill.
SAMSON windmills—Stover Mfg. Co., Freeport, Ill.
SAMSON wire stretchers—Keystone Steel & Wire Co., Peoria, Ill.
SANALOID paints—B. Binswanger & Co., 827 N. 3rd, Phila., Pa.
SAN ANTONIO cement—San Antonio Portland Cement Co., San Antonio, Texas.
SANASEP paper cups—Sanitary Paper Cup Co., 17 Harcourt, Boston, Mass.
SANBORN book backing machines—Latham Machinery Co., 306 S. Canal, Chicago, Ill.
SANBORN steam heaters—Sanborn Furnace Co., Methuen, Mass.
SANCHO oil cups—Swift Lubricator Co., Elmira, N. Y.
SANCO rubber hose—Republic Rubber Co., Youngstown, Ohio
SANCO steam & hot water heaters—Samuel Sloan & Co., Rochester, N. Y.
SANCOTA wall finish—F. O. Pierce Co., 10 E. 43d, New York
SANDAGE steel wagon skeins—American Skein & Foundry Co., Racine, Wis.
SANDAGE steel wagon skeins—Illinois Iron & Bolt Co., Carpentersville, Ill.
SANDERS floor thimbles—American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
SANDERS plows—Sanders Newell Plow Co., Chattanooga, Tenn.
SANDERSON lubricating oils & greases—Warren Lubricant Co., 22 Maurice, Buffalo, N. Y.
SANDOVAL plow coulters—Galesburg Coulter Disc. Co., Galesburg, Ill.
SANDOW belting mfrs., rubber hose, rubber packing—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio
SANDOW farm trucks—Emerson-Brantingham Co., Rockford, Ill.
SANDOW oil engines—Detroit Motor Car Supply Co., Detroit, Mich.
SANDS lavatories—A. B. Sands & Son Co., 22 Vesey, New York
SANDS oilers—Sands Steel Specialties Co., 6947 Susquehanna, Pittsburgh, Pa.
SANDUSKY clothes washing machines—One Minute Washer Co., Sandusky, Ohio
SANDUSKY tractors—Dauch Mfg. Co., Sandusky, O.
SANDVIKEN Swedish steel—J. Wilckes Co., 135 William, New York
SANDWICH hand carts, portable grain elevators—Sandwich Mfg. Co., Sandwich, Ill.
SANDWICH ISLANDS hoes—American Fork & Hoe Co., Cleveland, Ohio
SANFORD logging tools—American Logging Tool Co., Evart, Mich.
SANFORD paste—Sanford Mfg. Co., Congress & Peoria, Chicago, Ill.
SANGAMO ampere hour meters—Sangamo Electric Co., Springfield, Ill.
SANGAMO cultivators—Racine-Sattley Co., Springfield, Ill.
SANICAP fruit jar caps—American Can Co., 120 Broadway, New York.
SANI-COVER cuspidors & sputum cups—Franks Sani-Cover Supply Co., Cambridge, Mass.
SANI-FLAT oil paints—Benj. Moore & Co., 231 Front, Brooklyn, N. Y.
SANIGLASS goggles & eye protectors—Julius King Optical Co., 10 Maiden Lane, New York
SANI-PAPER towels—Wayne Paper Goods Co., Ft. Wayne, Ind.
SANISTEEL closet seats, medicine cabinets, water closet tanks—Sanisteel Co., 1200 Niagara, Buffalo, N. Y.
SANISTEEL medicine cabinets—Jamestown Window Screen Co., Jamestown, N. Y.
SANITANT disinfectants—Fort Pitt Chemical Co., 200 S. Highland av, Pittsburgh, Pa.

SANITARE kitchen enameled ware—Belmont Stamping & Enameling Co., New Phila., Ohio
SANITARY absorbent cotton—Maplewood Mills, Fall River, Mass.
SANITARY ice cream cans, milk cans—Dairymen's Mfg. Co., Warren, Jersey City, N. J.
SANITARY spice jar holders—Cassady, Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
SANITAS closet spuds—Trenton Brass & Machine Co., Trenton, N. J.
SANITAS drinking fountains—J. H. D. Chamberlain Co., Springfield, Mass.
SANITAS drinking fountains, bidets, flushing valves—Sanitas Mfg. Co., 105 Washington, Boston, Mass.
SANITAS sanitary flooring—Marbleoid Co., 47 W. 34th, New York
SANITAS wall coverings—Standard Oil Cloth Co., 320 Broadway, New York
SANITOR kitchen tables—White Enamel Refrigerator Co., 1340 Universal av, St. Paul, Minn.
SANITREAD safety stair treads—Concrete Steel Co., 42 Broadway, New York
SAN-O-LA bath room fixtures & furnishings—Art Brass Co., 299 E. 134th, New York
SANOS sewer gas traps—Jenkins Mfg. Co., Bloomfield, N. J.
SANSEALO back water traps, floor drains—Crampton-Farley Brass Co., Kansas City, Mo.
SANSON car movers—Marseilles Co., East Moline, Ill.
SANTA CLARA defecators—Blymyer Iron Works Co., Cincinnati, Ohio
SANTA CLAUS storage batteries—J. H. Bunnell & Co., 32 Park pl, New York
SANTA CRUZ cement—Santa Cruz Portland Cement Co., Crocker bldg., San Francisco, Cal.
SANTO vacuum cleaners—Santo Vacuum Cleaner Co., 2036 N. 13th, Phila., Pa.
SANYMETAL steel toilet partitions—R. F. Carpenter Mfg. Co., 978 E. 64th, Cleveland, Ohio
SAPOLIN enamels, paints, varnishes, furniture polish & wood stains—Gerstendorfer Bros., 221 E. 42nd, New York.
SAPPHIRE wire drawing dies—John Wennstrom's Sons Co., Suffern, N. Y.
SARANAC corrugated joint fastener driving machines—Saranac Machine Co., Benton Harbor, Mich.
SARANAC rubber hose—National India Rubber Co., Bristol, R. I.
SARCO asphalt, asphalt fillers, asphalt pipe dip, insulating compounds, mineral rubber, road binders & preservatives—Standard Asphalt & Rubber Co., 208 S. La Salle, Chicago, Ill.
SARCO combustion recorders, steam & radiator traps & metallic gaskets, heat regulators—Sarco Co., Inc., 229 B'way, New York
SARGENT car replacers—Sargent Co., Fisher bldg., Chicago, Ill.
SARGENT door checks, hollow handle tool sets, saw vises—Sargent & Co., New Haven, Conn.
SARGENT steam engines—Providence Engineering Corp., 521 S. Main, Providence, R. I.
SARGENT steam meters, anglemeters, draft gauges—Sargent Steam Meter Co., 1902 N. California, Chicago, Ill.
SARGENT tile ditcher—Sargent Tile Ditcher Co., Ft. Dodge, Ia.
SARJENT garden hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
SASGEN derricks, stone grab hooks, stone handling tongs, traveling cranes, winches—Sasgen Derrick Co., 3101 W. Grand av, Chicago, Ill.
SATAN magnetos—Sumter Electric Co., 1466 Michigan av, Chicago, Ill.
SATIN toilet paper holders—Shelby Spring Hinge Co., Shelby, Ohio
SATIN SPAR finishing plaster—American Cement Plaster Co., Lawrence, Kans.
SATINA copper paints—Chas. H. Brown Paint Co., 188 Montague, Brooklyn, N. Y.
SATINETTE enamels—Standard Varnish Works, 90 West, New York
SATINOLA tan shoe polishes—S. M. Bixby & Co., 46th & 2nd av, Brooklyn, N. Y.
SATTLEY cultivators, corn planters, plows, equalizers, fertilizer attachments—Racine-Sattley Co., Springfield, Ill.
SATURN oil & grease cups—Penberthy Injector Co., 346 Holden av, Detroit, Mich.
SATURN packing—G. W. Knowlton Rubber Co., 60 Pearl, Boston, Mass.
SATURN padlock locks—U. S. Lock & H'dwe. Co., Columbia, Pa.
SAUNDERS PATTERN pipe cutters—Collmer Bros., S. Bend, Ind.
SAUNDERS PATTERN pipe cutters—Oswego Tool Co., Oswego, N. Y.
SAUNDERS pipe cutter wheels—Barnes Tool Co., New Haven, Conn.
SAUNDERS pneumatic lifts, return air pumps—Ingersoll-Rand Co., 11 Broadway, New York
SAURER motor fire engines—International Motor Co., 64th & West End av, New York
SAUVEUR microscopes—Sauveur & Boylston, Cambridge, Mass.
SAVAGE rubber tires—Savage Tire Co., San Diego, Cal.
SAVE-A-COAT wood fillers—Richmond Bros., 616 Main, Cincinnati, Ohio
SAVE-ALL ash sifters—R. Brownson & Co., St. Paul, Minn.
SAVELOT spray pumps—Goulds Mfg. Co., 71 W. Fall, Seneca Falls, N. Y.
SAVAGRAN car cleaning compounds & soap powder—India Alkali Works, 28 India Wharf, Boston, Mass.
SAVORY roasters, baking pans & steam cookers—Republic Metalware Co., Buffalo, N. Y.
SAWVIAN wrenches—Harris & Reed, 1500 W. 15th, Chicago, Ill.
SAWYER belt fasteners—Sawyer Belt Hook Co., Pawtucket, R. I.
SAWYER leather measuring machines—Turner Tanning Machinery Co., Peabody, Mass.
SAWYER-FULFORD bag filling machines, revolving scales—W. H. Sawyer & Sons, Americus, Ga.
SAWYER SILENT SALESMAN—Counter Display Baskets—New Haven, Conn.
SAWYER'S leather measuring machines—G. W. Baker Machine Co., 218 French, Wilmington, Del.
SAWYER'S metal polish—Howard B. Sawyer Oil Co., 65 Long Wharf, Boston, Mass.
SAWYERS throttle valves—Chas. F. Pekor Foundry & Iron Works, Columbus, Ga.
SAXOLIN paper cement bags—Cleveland Akron Bag Co., Cleveland, Ohio
SAXON automobile horns—Russell Electric Co., Danbury, Conn.
SAXON post binders—National Blank Book Co., Holyoke, Mass.
SAXON wrenches—Kilborn & Bishop Co., New Haven, Conn.
SAXTON'S horse shoes—Fibre Cushion Horse Shoe Co., 88 New Chambers, New York
SAYBOLT viscosimeters—Chas. J. Tagliabue Mfg. Co., 18 33d, Brooklyn, N. Y.
SAYBROOK spray pumps—W. & B. Douglas, Middletown, Conn.
SAYER butchers' show cases—Wolf, Sayer & Heller, Fulton & Peoria, Chicago, Ill.
SAYLOR cement—Coplay Cement Mfg. Co., Coplay, Pa.
S. B. & I. WORKS Siamese connections—Standard Brass & Iron Works, 1820 St. Paul av, Milwaukee, Wis.
S. & B. photomicrographic instruments—Saweur & Boylston, Cambridge, Mass.
SCAIFE filters, steel tanks, trestles, towers, stacks, stand pipes, tipples—Wm. B. Scaife & Sons Co., First Nat'l Bank bldg., Pittsburgh, Pa.
SCALECIDE spraying compounds—B. G. Pratt Co., 50 Church, New York
SCALINE boiler compounds—International Boiler Cleaning Co., 343 N. Calvert, Baltimore, Md.
SCANDINAVIA belting—Scandinavia Belting Co., 106 Reade, New York
SCANDINAVIAN padlocks—Union Hardware Co., Torrington, Conn.
S. C. & H. Co. electric bells—Strong, Carlisle & Hammond Co., 336 Frankfort av, N. W., Cleveland, O.
SCHADE regulating valves—Schade Valve Mfg. Co., 2544 N. American, Phila., Pa.
SCHAEFFER & BUDENBERG indicating gauges—Schaeffer & Budenberg Mfg. Co., Berry & So. 5th, Brooklyn, N. Y.
SCHAFER ball bearings—Barthel & Daley, 1790 Broadway, New York
SCHAFFER car wheel presses—McCall Machine Works, Rochester, N. Y.
SCHANK cement sewer pipe machinery—Cement Tile Machinery Co., Waterloo, Ia.
SCHARTOW harness snaps—Schartow Mfg. Co., Milwaukee, Wis.
SCHEBLER carbureters, gasoline strainers—Wheeler-Schebler Carbureter Co., Indianapolis, Ind.
SCHEIDEL X-ray apparatus—Scheidel Western X-Ray Co., 737 W. Van Buren, Chicago, Ill.
SCHENCK fire hose reels—Revere Rubber Co., Chelsea, Mass.
SCHENECTADY gas engines—Westinghouse Co., Schenectady, N. Y.
SCHICKS baling presses—Davenport Mfg. Co., Davenport, Ia.

SCHILDBACK automobile wind shields—Limousine-Carriage Mfg. Co., 3515 S. Michigan av, Chicago, Ill.
SCHILLING adjustable racks—A. F. Flanders Mfg. Co., Buffalo, N. Y.
SCHINDLER bolting cloth—Cornelius Mill Furnishing Co., 119 N. 6th, St. Louis, Mo.
SCHIPPACH crucible clays—Kern Commercial Co., 114 Liberty, New York
SCHLUETER floor surfacing machines—M. L. Schlueter, 225 W. Illinois, Chicago, Ill.
SCHMIDT pumping jacks—B. L. Schmidt Co., Davenport, Ia.
SCHMIDT rail sawing machines—Track Necessities Co., 343 S. Dearborn, Chicago, Ill.
SCHNEIDER heaters—Schneider Heating Device Co., Cleveland, Ohio
SCHOEDINGER R. S. U. ventilators—F. O. Schoedinger, 142 N. 3d, Columbus, Ohio
SCHOENHEER sheet steel baskets—Hall Mfg. Co., Monticello, Ia.
SCHOENMEHL circuit batteries—Waterbury Battery Co., Waterbury, Conn.
SCHOFIELD cloth cutting machines—Birmingham Iron Foundry, Derby, Conn.
SCHOFIELD potato planters, potato diggers, sickel grinders—Schofield & Co., Freeport, Ill.
SCHOLL blind hinges—Grey Iron Casting Co., Mt. Joy, Pa.
SCHOOL PIN radiators — H. B. Smith Co., Westfield, Mass.
SCHRADER pneumatic tire valves—A. Schrader's Son, 783-803 Atlantic av, Brooklyn, N. Y.
SCHRADER UNIVERSAL tire pressure gauges—A. Schrader's Son, Inc., 783-803 Atlantic av, B'klyn, N. Y.
SCHRODER key hole guards—J. B. Schroder & Co., 133 E. 5th, Cincinnati, Ohio
SCHROEDER headlights—Schroeder Headlight & Generator Co., Evansville, Ind.
SCHROEDER portable grain elevators—H. V. Schroeder Mfg. Co., Minier, Ill.
SCHROEDER'S PEERLESS window screen hangers & fasteners—Stanley Works, New Britain, Conn.
SCHROETER'S horse radish graters—Schroeter Bros. Hardware Co., 717-19 Washington ave, St. Louis, Mo.
SCHUERENBERG farm wagons—F. W. Schuerenberg Brenham, Tex.
SCHEUTZEN rifle powder—du Pont de Nemours & Co., E. I., Wilmington, Del.
SCHUG gas igniters—Schug Electrical Mfg. Co., Detroit, Mich.
SCHULER pig iron—Gulf States Steel Co., Birmingham, Ala.
SCHULTZ friction clutches—A. L. Schultz & Son, 1675 Elston ave, Chicago, Ill.
SCHULTZE smokeless shotgun powders—du Pont de Nemours & Co., E. I., Wilmington, Del.
SCHULZ spinning lathes—Wilcox Mfg. Co., 4824 W. Lake, Chicago, Ill.
SCHUMACHER'S rubbing grains—R. J. Waddell & Co., 52 Beekman, New York
SCHUREMAN motor charging rheostats—Cutler-Hammer Mfg. Co., Milwaukee, Wis.
SCHUTTE engine stops, suction strainers, valves—Schutte & Koerting Co., Phila., Pa.
SCHUTTLER farm wagons—Peter Schuttler Co., 2509 W. 22nd, Chicago, Ill.
SCHWARTZ electric curling irons—Wm. Slaughter, 1712 S. Michigan ave., Chicago, Ill.
SCHWARZE telephone bells—Schwarze electric Co., Adrian, Mich.
SCIENTIFIC feed water purifiers—Wm. B. Scaife & Sons Co., 221 1st ave, Pittsburgh, Pa.
SCIENTIFIC gas & gasoline engines—Bauroth Bros., Springfield, Ohio
SCIENTIFIC grinding & corn mills—Bauer Bros. Co., Bauer bldg, Springfield, Ohio
SCIENTIFIC hydraulic tire setters—Lourie Mfg. Co., Springfield, Ill.
SCIENTIFIC spray nozzles—Niagara Sprayer Co., Middleport, N. Y.
SCIMATCO optical pyrometers—Scientific Materials Co., 717 Forbes, Pittsburgh, Pa.
SCLEROSCOPE testing instruments—Shore Instrument & Mfg. Co., 557 W. 22nd, New York
SCOLLAY steam & hot water heaters—John A. Scollay (Est. of), 74 Myrtle ave, Brooklyn, N. Y.
SCOOP mirror shades & reflectors—National X-Ray Reflector Co., 233 W. Jackson blvd, Chicago, Ill.
SCOOP window reflectors—Curtis-Leger Fixture Co., 235 W. Jackson blvd, Chicago, Ill.
SCOT WATER relief valves—Stephens, Roe Mfg. Co., Detroit, Mich.
SCOTCH CLIPPER breaking plows—Moline Plow Co., Moline, Ill.
SCOTCH farriers' hammers—Champion Tool Co., Meadville, Pa.
SCOTCH gauge glasses—H. A. Rogers Co., 87 Walker, New York
SCOTCH harrows & pulverizers—W. S. Hazen, Ripon, Wis.
SCOTCH pig iron—C. Tennant Sons & Co., 100 William, New York
SCOTT currycombs—Southington Hardware Co., Southington, Conn.
SCOTT mining picks—American Mining Tool Co., Ottumwa, Iowa
SCOTT rock drills—Scott Drill Co., Bank of Commerce bldg, St. Louis, Mo.
SCOTT testing clamps—Scott C. Cutter, Oswego, Ill.
SCOTT valves—Stephens-Roe Mfg. Co., Detroit, Mich.
SCOTTIO diamond pattern asphalt roofing—Scott Roofing & Mfg. Co., 409 Culvert, Cincinnati, Ohio
SCOTTS crucible vanadium—Bourne Fuller Co., Hickox bldg, Cleveland, Ohio
SCOTTS I X L high speed steel—Bourne-Fuller Co., Cleveland, Ohio
SCOTTS pea separators—Sprague Canning Machinery Co., 222 N. Wabash ave, Chicago, Ill.
SCOTTS rubber roofing—Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, Ohio
SCOUREE metal polish—Grady Mfg. Co., Ely ave, Bridge Plaza, Astoria, N. Y.
SCOVILLES molasses gates—E. C. Stearns & Co., 405 Oneida, Syracuse, N. Y.
SCRANTO acetylene mine lamps—Scranton Acetylene Lamp Co., Scranton, Pa.
SCRANTON gauge cocks—American Safety Lamp & Mine Supply Co., Scranton, Pa.
SCRANTON grate bars, shaking grates—Scranton Pump Co., Scranton, Pa.
SCRANTON power hammers—E. R. Caldwell & Co., Bradford, Pa.
SCULLY flanging clamps—Scully Iron & Steel Co., 2554 S. Ashland ave, Chicago, Ill.
S. & D. jack spools—Sweet & Doyle, Cohoes, N. Y.
SEA BELL carbon paper—Minford Ribbon & Carbon Co., 444 Pearl, New York
SEA LION belting—Chicago Belting Co., 125 N. Green, Chicago, Ill.
SEA WALL asphalt—Impervious Product Co., Fairfield, Baltimore, Md.
SEAL BRAND belting—W. H. Salisbury & Co., 105 S. Wabash ave, Chicago, Ill.
SEALINE oils & greases—H. B. Kingsley, 325 St. Clair av, N. W., Cleveland, Ohio
SEALITE power transmission chains—Pioneer Mfg. Co., Cleveland, Ohio
SEAL manila wrapping paper—Newton Paper Co., Holyoke, Mass.
SEALOGRAPH envelope sealing machines—Saunders Mfg. Co., 1700 B'klyn av, Kansas City, Mo.
SEAL ROCK packing, rubber hose—Bowers Rubber Works, San Francisco, Cal.
SEALSKIN waterproof belting—Burr Oak Belting Co., 521 Livingston, Cincinnati, Ohio
SEAL-TITE PLASTIC ROOFING cements—Monarch Paint Co., W. 70th, Cleveland, Ohio
SEAMAN ice cream freezers—North Bros. Mfg. Co., Lehigh ave & American, Phila., Pa.
SEAMLESS range boilers—Randolph-Clowes Co., Waterbury, Conn.
SEAMLESS speaking tubes—Elwood Ivins Tube Works, Oakline Station, Phila., Pa.
SEAMLESS telephone mouthpieces—General Insulate & Machine Co., 1008 Atlantic ave, Brooklyn, N. Y.
SEARCH-LIGHT bicycle lanterns—Bridgeport Brass Co., Bridgeport, Conn.
SEARCHLIGHT electric lamp brackets—McCrosky Reamer Co., Meadville, Pa.
SEARCHLIGHT shears, tinners' snips—Bartlett Mfg. Co., Detroit, Mich.
SEARCHLIGHT stoves—Utility Stove & Range Co., Indianapolis, Ind.
SEARIGHT'S tanners' snips—St. Louis Sales Co., Chemical bldg., St. Louis, Mo.
SEARLS pipe vises—Spencer Regulator Co., Salem, Mass.
SEARLS-THOMAS carriage top props—Searls Mfg. Co., 29 Mulberry, Newark, N. J.
SEARS perfect fireless cookers—Household Equipment Co., 171 27th ave, S. E., Minneapolis, Minn.
SEAVEY PATENT mitre boxes—Smith & Hemenway Co., Inc., 261 B'way, New York; 130 Coit, Irvington, N. J.
SEBCO expansion bolts, toggle bolts, aerial rings, brick drills, concrete anchors, concrete inserts—Star Expansion Bolt Co., 147 Cedar, New York
SECO steel casting converters—Bradley Stoughton, 29 W. 39th, New York
SECOR typewriters — Secor Typewriter Rep. Co., Derby, Conn.

SECOR'S weeding hooks—Potter Mfg. Co., Geneva, Ohio
SECRET SERVICE dry batteries—Fred D. Harper, Everett, Mass.
SECURE LEVERS, padlocks—Slaymaker Lock Co., Lancaster, Pa.
SECURITY asphalt roofing — National Roofing Co., Tonawanda, N. Y.
SECURITY automobile tire holders—Post & Lester Co., Hartford, Conn.
SECURITY barn door latches—Peck H'dwe Co., Berlin, Wis.
SECURITY blow-off valves—Wm. T. Fowden, Chester, Pa.
SECURITY box straps, blind & shutter fasteners—Stanley Wks, New Britain, Conn.
SECURITY cash recorders—Hough Cash Recorder Co., Indian Orchard, Mass.
SECURITY check protectors—Peerless Check Protecting Co., Rochester, N. Y.
SECURITY concrete inserts—Security Insert Co., 33rd & Arch, Phila., Pa.
SECURITY electric, railway specialties, switches, conduit & sewer rods, supporting clamps, pole seats, underground conduit tools, insulating hooks, telephone terminal compounds, manhole covers—F. Bissell Co., Toledo, Ohio
SECURITY hatch fasteners—Mullholland Hatch Fastener Co. Cleveland Ohio
SECURITY journal box dust guards—Western Railway Equipment Co. Central National Bank bldg., St. Louis, Mo.
SECURITY portable lamp guards—McGill Mfg. Co., Valparaiso, Ind.
SECURITY locomotive bell ringers, rail braces, railroad tie plates, angle cock clamps—Adreon Mfg. Co., Security bldg., St. Louis, Mo.
SECURITY metallic shingles—Hyndman Roofing Co., 318 E. 2nd, Cincinnati, Ohio
SECURITY rat traps—Cassaday Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
SECURITY step ladders—Goshen Churn & Ladder Co., Goshen, Ind.
SECURITY stove pipe & elbows—Follansbee Bros. Co., Pittsburgh, Pa.
SECURITY stoves—Security Stove & Mfg. Co., 17th & Oakland av, Kansas City, Mo.
SECURITY trace carriers—North & Judd Mfg. Co., New Britain, Conn.
SECURITY ventilating sash locks — Burgess-Norton Mfg. Co., Geneva, Ill.
SECURITY whip socket fasteners—Searls Mfg. Co., 29 Mulberry, Newark, N. J.
SECURITY window guards—Security Window Guard Co., 130 N. 5th av, Chicago, Ill.
SECURO battery connectors—Stevens & Co., 375 Broadway, New York
SECURO grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
SECURO pipe joint cements—R. M. Starbuck & Sons, Hartford, Conn.
SEDALIA lawn swings—Thos. K. Barley, Sedalia, Mo.
SEDGLEY packing—Anchor Packing Co., Lafayette bldg., Philadelphia, Pa.
SEDGWICK comealongs—Eureka Fence Mfg. Co., Richmond, Ind.
SEEDS dry plates—Eastman Kodak Co., Rochester, N. Y.
SEEDS faucet filters, hand cleaners—Seed Filter & Mfg. Co., 73 Franklin, New York
SEEGER refrigerators—Seeger Refrigerator Co., Arcade & Wells, St. Paul, Minn.
SEEKONK rubber hose—National India Rubber Co., Bristol, R. I.
SEELY SANITARY fireless cookers—Francis A. Seely Co., 5735 Harper av, Chicago, Ill.
SEE-RITE pencil sharpeners—Searight Mfg. Co., 143 Columbia, W., Detroit, Mich.
SEEVERS steam heaters—Seevers Mfg. Co., Oskaloosa, Iowa
SEGAL hardware—Burglar Proof Lock & Hardware Corp., 75 Fulton, New York.
SEGMENT potato planters — Potato Implement Co., Traverse City, Mich.
SEIBERT fly cacthers—H. E. Seibert, 475 B'way, St. Paul, Minn.
SEIBERT lubricators—Star Brass Mfg. Co., 108 E. Dedham, Boston, Mass.
SEIDEL sash pulleys — Seidel Mfg. Co., Boatmen's Bank bldg., St. Louis, Mo.
SEIGH annealing boxes—Petroleum Iron Works Co., Sharon, Pa.
SELDEN packing—Randolph Brandt, 70 Cortlandt, New York
SELESTRON lacquer—Chemical Products Co., 93 Broad, Boston, Mass.
SELF ACTING feed carriers—Louden Machinery Co., Fairfield, Ia.
SELF-CLINCHING belt fasteners—Angell Belt Hook Co., 16 Warren av, Providence, R. I.
SELF-CLINCHING nails—Self-Clinching Nail Co., 46 N. 4th, Phila., Pa.
SELF-CLOSING gate hinges—Grey Iron Casting Co., Mt. Joy, Pa.
SELF LOCK wire stretchers—Hunt, Helm, Ferris & Co., Harvard, Ill.
SELF LOCKING sling pulleys—J. E. Porter Co., Ottawa,, Ill.
SELF-SENTERING concrete reinforcement—General Fireproofing Co., Youngstown, Ohio
SELF SHARPENING feed cutters—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
SELLERS anchor bottom plates—Sellers Mfg. Co., 332 S. Michigan av, Chicago, Ill.
SELLEW disc grinders—Sellew Machine Tool Co., Pawtucket, R. I.
SELLS roller bearings, combination grease & oil guns —Royersford Foundry & Machine Co., 52 North 5th, Philadelphia, Pa.
SELMA ranges—Huenefeld Co., Cincinnati, Ohio
SELSOR'S hatchet—Germantown Tool Works, 520 Commerce, Gtn., Phila., Pa.
SELTONA photographic paper—J. L. Lewis, 522 6th av, New York
SELWIG & LANGE beet pulp presses — Jackson & Church Co., Saginaw, Mich.
SEMCO vacuum cleaners—Semco Mfg. Co., Nashville, Tenn.
SE-MENT-OL automobile radiator cements—Northwestern Chemical Co., Marietta, Ohio
SEMHI milling metal & slitting saws—Huther Bros. Saw Mfg. Co., Rochester, N. Y.
SEMI-BRONZE packing, gaskets — General Asbestos Rubber Co., Charleston, S. C.
SEMIHECLA packing—General Asbestos Rubber Co., Charleston, S. C.
SEMINOLE rubber hose—National India Rubber Co., Bristol, R. I.
SEMI-STEEL anvils—Rock Island Mfg. Co., Rock Island, Ill.
SEMPER IDEM babbitt metal, aluminum solder—Thos. Wildes Son, 14 Dover, New York
SENATE belting—Boston Woven Hose & Rubber Co., Cambridge, Mass.
SENATOR packing—Anchor Packing Co., Lafayette bldg., Phila., Pa.
SENECA enameled iron bath tubs — McVay-Walker Co., Braddock, Pa.
SENECA reclaimed rubber—U. S. Rubber Reclaiming Works, 42nd st bldg., New York
SENECA STANDARD plug & drip filter stones & syphon filters—Seneca Tripoli Co., Sience bldg, St. Louis, Mo.
SENECA FALLS lathes—Seneca Falls Mfg. Co., Seneca Falls, N. Y.
SENIOR lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
SENIOR LEADER potato sprayer pumps—Field Pump Co., Elmira, N. Y.
SENSATION high speed belting—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
SENSIBLE broom holders—Cassaday Fairbanks Mfg. Co., 6126 S. La Salle, Chicago, Ill.
SENSIBLE egg & cream beaters, pot chains—Woods-Sherwood Co., Worcester, Mass.
SENSIBLE mailing boxes—Jencks Paper Cox Co., 45 Waldo, Providence, R. I.
SENSIBLE sad irons—Colebrookdale Iron Co., Pottstown, Pa.
SENSIBLE sad irons, carpet beaters, presses, mincing ice tongs, roll paper cutters, toilet paper & bag holders, twine holders & vegetable cutters—N. R. Streeter & Co., Rochester, N. Y.
SENSIBLE storm sash hangers—R. G. Winter Mfg. Co., 2102 Vliet, Milwaukee, Wis.
SENTINEL air valves—Bogardus-Nelson Co., Marshalltown, Ia.
SENTINEL automatic air valves—Denver Hydro Co., 3100 Stuart, Denver, Colo.
SENTINEL oil cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
SENTINEL rubber hose—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
SEPARABLE carriage fasteners—Chas. Weiss & Son, 4715 Cottage Grove av, Chicago, Ill.
SERGEANT pneumatic drills—Ingersoll-Rand Co., 11 Broadway, New York
SERPENTINE screw drivers, scratch awls, stove pokers—Arcade Mfg. Co., Freeport, Ill.
SERVICE belting, hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
SERVICE steel stools—Toledo Metal Furniture Co., Toledo, Ohio

SERVICE BRAND conveyor belts — Link-Belt Co., 39th & Stewart av, Chicago, Ill.
SESCO plumbers' sanitary earthenware — Sanitary Earthenware Specialty Co., Trenton, N. J.
SESSIONS—STANDARD draft gear—Standard Coupler Co., 30 Church, New York
7-11 loose pin screen door hinges—Champion Hardware Co., Geneva, Ohio
76 PASTE pipe joint cements—W. T. Baker, 224 Suydam ave, Jersey City, N. J.
SEVERN fire place heaters—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
SEWELL steam couplers—Consolidated Car Heating Co., Albany, N. Y.
SEXTOBLADE safety razors—Edward Weck & Son, 148 Fulton, New York
SEXTON automobile fuel & oil storage tanks, barrel pumps, gasoline strainers & outfits—Sexton Can Co., 228 Franklin, Boston, Mass.
SEXTON'S oil cans, oil filters, paint pots, deep pans, can spouts, underground garbage receivers & lubricating tanks—Sexton Can Co., 228 Franklin, Boston, Mass.
SEYBOLD round cornering machines—Seybold Machine Co., Dayton, Ohio
SEYMOUR post hole diggers—Seymour Mfg. Co., Seymour, Ind.
SEYMOUR shears & scissors—Wiebush & Hilger, 106 Lafayette, New York
SHAFFER incandescent cut-outs—H. T. Paiste, Arch & 32nd, Phila., Pa.
SHAKER flour sifters—Republic Metalware Co., Buffalo, N. Y.
SHAKER potato diggers—Deere & Co., Moline, Ill.
SHALER tire vulcanizers, electric stoves—C. A. Shaler Co., Waupun, Wis.
SHAM-ROCK babbitt metal—Cleveland Alloys Co., Elm & Superior, Cleveland, Ohio
SHAMROCK conduit pipe hanging clamps, floor plugs, tank switches—W. F. Irish Electric Supplies, 130 W. 32nd, New York
SHAMROCK horse nails—Fowler Nail Co., Seymour, Conn.
SHAMROCK incandescent electric lamps—Standard Electric Lamp Co., 67 Hamilton, Newark, N. J.
SHAMROCK lawn mowers—Chadborn & Coldwell Mfg. Co., Newburgh, N. Y.
SHAMROCK roof snow guards—National Safety Fifth Wheel Co., Lancaster, Pa.
SHANNON jigs for coal washeries—Link-Belt Co., 39th & Stewart av, Chicago, Ill.
SHANNON sewer cleaning machines—J. H. & R. Shannon, 538 Bergen av, Jersey City, N. J.
SHAPCO radiator shields—Sodemann Heat & Power Co., 1512 Clark ave, St. Louis, Mo.
SHAPPON spark plugs—Bingham Mfg. Co., Cleveland, Ohio
SHARK adjustable wrenches—Richards-Wilcox Mfg. Co., Aurora, Ill.
SHARON car couplers—National Malleable Castings Co., 7706 Platt av, S. E., Cleveland, Ohio
SHARON door & storm hangers, cupboard catches, sash locks—Sharon Hardware Mfg. Co., Sharon, Pa.
SHARON BEAUTIES surface hinges—Sharon Hardware Mfg. Co., Sharon, Pa.
SHARON TROLLEY barn door hangers—Sharon Hardware Mfg. Co., Sharon, Pa.
SHARP spark plugs—Sharp Spark Plug Co., 3343 Broadview, Cleveland, Ohio
SHARPEN EZY nail sets, tinners' punches & chisels—H. D. Smith & Co., Plantsville, Conn.
SHARPLES cow milking machines—Dairy Specialty Co., Westchester, Pa.
SHARP-MILLER photometers—Foote-Pierson & Co., 160 Duane, New York
SHARPSHOOTER smokeless rifle—Hercules Powder Co., Wilmington, Del.
SHARP-WELL razor strops—Illinois Razor Strop Co., 330 W. Kinzie, Chicago, Ill.
SHAUGHNESSY cotton waste machines—Smith & Furbush Machine Co., Phila., Pa.
SHAVEZY razor-guards, safety razors—L. S. Weiss, 286 Taaffe pl, Brooklyn, N. Y.
SHAW adjustable knives—Chapman-Sargent Co., Perrysburg, Ohio
SHAW blow-off valves—National Supply Co., Toledo, Ohio
SHAW calf weaners—Barbee Wire & Iron Works, 170 N. Dearborn, Chicago, Ill.
SHAW couplings—Dodge Sales & Engineering Co., Mishawaka, Ind.
SHAW lightning arresters—Lord Mfg. Co., 105 W. 40th, New York
SHAW marine wheels—Shaw Propeller Co., 15 Elkins, Boston, Mass.
SHAW mercury gauges—Quimby Engineering Co., 913 Ridge ave, Philadelphia, Pa.
SHAW motor cycles—Shaw Mfg. Co., Galesburg, Kan.
SHAW pneumatic rock drills, rock drill sharpening machines—C. H. Shaw Pneumatic Tool Co., Denver, Col.
SHAW & FLINN'S lifting rod cleaners—Draper Corp., Hopedale, Mass.
SHAWMUT conduit hangers, fuse links, fuse blocks, fuse chips, leadwire fuses, ground connection clamps, locknut bushings, terminal lugs—Condit Electrical Mfg. Co., 1st & L, Boston, Mass.
SHAWMUT flue linings, sewer pipe—Shawmut Clay Mfg. Co., Drummond, Pa.
SHAWMUT packing, rubber hose—Revere Rubber Co., Chelsea, Mass.
SHAWMUT steel bins—Shawmut Iron & Wire Works, Everett, Mass.
SHAWMUT underground conduits—M. J. Drummond Co., 51 Chambers, New York
SHAW'S calf weaners—Carroll Muzzle Co., Carroll, Ia.
SHAW'S hydraulic pumps—Chas. J. Tagliabue Mfg. Co., 20 33rd, Brooklyn, N. Y.
SHAY industrial locomotives—Lima Locomotive Corp., 106 3rd, Lima, Ohio
SHE locomotive sanders—United States Metallic Packing Co., 423 N. 13th, Phila., Pa.
SHEAR CUT CLIPPER can openers—W. G. Browne Mfg. Co., Kingston, N. Y.
SHEARER & MAYER drag line excavators—Sauerman Bros., Monadnock blk, Chicago, Ill.
SHEAR-KLEAN grate bars, shaking grates—Marion Machine, Foundry & Supply Co., Marion, Ind.
SHEBOYGAN coaster wagons—Sheboygan Coaster & Wagon Works, Sheboygan, Wis.
SHEDITE waterproof belting—I. B. Williams & Sons, Dover, N. H.
SHEDD'S wire blind & shutter fasteners—Stanley Works, New Britain, Conn.
SHEEPSKIN leather aprons—Hudson Belting Co., 3 Eaton pl, Worcester, Mass.
SHEETRACK wall boards—U. S. Gypsum Co., 205 W. Monroe, Chicago, Ill.
SHEFFIELD cattle guards, hand cars, railroad water columns, velocipede cars, inspection cars, locomotive cranes, stand pipes, track gauges & rail drill machines—Fairbanks, Morse & Co., 900 S. Wabash av, Chicago, Ill.
SHEFFIELD potato planters—Sheffield Mfg. Co., Burr Oak, Mich.
SHEFFIELD pig iron—Sloss Sheffield Steel & Iron Co., Birmingham, Ala.
SHELBY air tanks, automobile axles, bedstead tubing, cream separator bowls, die-stock handles, cylinders, boiler tubes, boiler tube safe ends, drill rods, iron-steel stay bolts, mandrels, hose poles, tempering pots, water gates & trolley car & street poles—National Tube Co., Frick bldg, Pittsburgh, Pa.
SHELBY bell cord couplings—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
SHELBY electric lamps—Shelby Lamp Division of G. E. Co., Shelby, Ohio
SHELBY spring & screen door hinges, sash locks—Shelby Spring Hinge Co., Shelby, Ohio
SHELBY CHIEF floor hinges—Shelby Spring Hinge Co., Shelby, Ohio
SHELDON automobile springs—Sheldon Axle & Spring Co., Wilkes-Barre, Pa.
SHELDON car movers—Aldon Co., 3338 W. Ravenswood av, Chicago, Ill.
SHELDON car movers & pinch bars—Stephenson-Adamson Mfg. Co., Aurora, Ill.
SHELDON car movers—Webster Mfg. Co., Tiffin, Ohio
SHELLENE asphalt roofing—A. H. White Co., Ltd., Howard, Venus, Miro & Tonti, New Orleans, La.
SHELLEY corporation cock inserting machines—A. P Smith Mfg. Co., East Orange, N. J.
SHEN-KING railroad copying paper—Wm. Mann Co, 529 Market, Phila., Pa.
SHEPARD canned goods—Otoe Food Products Co., Nebraska City, Neb.
SHEPARD cranes & hoists—Shepard Electric Crane & Hoist Co., Montour Falls, N. Y.
SHEPARD vises—Prentiss Vise Co., 110 Lafayette, New York
SHEPARD'S blind fasteners, gate latches, gravity-locking blind hinges—Wrightsville Hardware Co., Wrightsville, Pa.
SHEPARD'S ice cream freezers—North Bros. Mfg. Co., Lehigh av & American, Phila., Pa.
SHERARDUCT rigid steel conduits—National Metal Molding Co., 1110 Fulton bldg., Pittsburgh, Pa.
SHERBURN car door holders, rail benders—Sherburne & Co., 53 Oliver, Boston, Mass.
SHERIFF hydraulic pumps—Tranter Mfg. Co., 105 Water, Pittsburgh, Pa.
SHERINGTON vacuum cleaners—Cyclone Mfg. Co., Bradford, Pa.

SHERMAN emery wheel dressers—Desmond-Stephen Mfg. Co., Urbana, Ohio
SHERMAN ground connection clamps—H. B. Sherman Mfg. Co., Battle Creek, Mich.
SHERMAN'S liquid stove polish—Cambria Paint & Color Co. (Ltd.), Johnstown, Pa.
SHERRED-FRENCH valve inserting machines—A. P Smith Mfg. Co., East Orange, N. J.
SHERWOOD closet seats — Sherwood Brass Works, Detroit, Mich.
SHERWOOD concrete form fasteners—M. C. Ryan Co., Phoenix, N. Y.
SHERWOOD corn poppers — Woods-Sherwood Co., Worcester, Mass.
SHERWOOD metal frame window screens—Continental Co., Detroit, Mich.
SHERWOOD boiler injectors & oil lubricators—Sherwood Mfg. Co., 1710 Elmwood av, Buffalo, N. Y.
SHERWOOD'S carpet beaters, dish drainers, gas jet heaters, tea balls & wire card racks—Woods-Sherwood Co., Worcester, Mass.
SHIDOO hand soap paste—Yeazell-Goldstein Co., Columbus, Ohio.
SHIELD leather belting—McCauley Belting Co., 412 Orleans, Chicago, Ill.
SHIELD linseed oil soap—India Alkali Works, 28 India Wharf, Boston, Mass.
SHIELD lubricating oils & greases—Wm. P. Miller Co., 2316 S. Wabash av, Chicago, Ill.
SHIELD safety fuse—Du Pont de Nemours & Co., E. I., Wilmington, Del.
SHIELDS lubricating oils & greases—W. P. Miller Co., 250 Greene, B'klyn, N. Y.
SHIFFLER trolley street poles—American Bridge Co., 30 Church, New York
SHIM brake slack adjusters—Standard Coupler Co., 30 Church, New York
SHIMER woven wire fences—Spring Steel Fence & Wire Co., Anderson, Ind.
SHINE-ALL metal polish—Eugene Arnstein, 45 W. 26th, Chicago, Ill.
SHINEAUL metal polish—Ericka Mfg. Co., Springfield, Mass.
SHINE BRIGHT metal polish—Parker Refining Co., 1307 W. 11th, Cleveland, Ohio
SHINE-M-UP metal polish—Simplex Auto Specialty Co., 733 Woodward av, Detroit, Mich.
SHINE ON metal polish—Richard S. Morris & Co., 138 N. Dearborn, Chicago, Ill.
SHINGLE roofing felts—Flintkote Co., 88 Pearl, Boston, Mass.
SHINGLE-EDGES shingle stains—L. Sonneborn Sons, 262 Pearl, New York
SHI-NITE metal polish, furniture polish—Adams & Elting Co., 726 Washington, Chicago, Ill.
SHINO chemical dust mops, broom covers, dustless dust cloths, mitten dusters, polishing cloths, soap & powder—Pioneer Mfg. Co., Cleveland, Ohio
SHINON metal polish, furniture polish—Rochester Chemical Co., Rochester, N. Y.
SHIPERD coupling bolts—Cleveland Shaft Spring Co., Cleveland, Ohio
SHIPMATE galley stoves—Stamford Foundry Co., Stamford, Conn.
SHIPOLEUM architectural varnish—Chicago Varnish Co., 2100 Elston av, Chicago, Ill.
SHIPPERLOC elevator safety locks & devices—Shipperloc Co., 368 Atlantic av, Boston, Mass.
SHIP-SAFE tire crates—R. E. Beers L'br Co., Trenton, N. J.
SHIRLEY cotton rope—Samson Cordage Works, 88 Broad, Boston, Mass.
SHIRLEY steam heaters—Shirley Radiator & Foundry Co., Indianapolis, Ind.
SHOCK ABSORBER lawn mowers — Supplee-Biddle Hardware Co., 510 Commerce bldg., Phila., Pa.
SHOEMAKER locomotive fire doors—National Railway Devices Co., 224 S. Desplaines, Chicago, Ill.
SHOE SATIN bixola shoe polishes—S. M. Bixby & Co., 46th & 2nd av, Brooklyn, N. Y.
SHO-FUR carriage robes—Burlington Blanket Co., Burlington, Wis.
SHOKER potato diggers—South Bend Chilled Plow Co., South Bend, Ind.
SHONE sewage ejectors—Shone Co., 231 Institute pl, Chicago, Ill.
SHOUP'S autographic registers—Autographic Register Co., Hoboken, N. J.
SHOW disc sharpeners—Skow Mfg. Co., Newton, Ia.
SHUART road machines, land road levelers — Ohio Road Machinery Co., Oberlin, Ohio
SHULIFE shoe dressing—R. M. Hollingshead Co., Camden, N. J.
SHULTIS sectional bark mills—Wm. Bartley & Sons, Bartley, N. J.
SHULTZ belting, belt dressing, belt cements, patent pulley covering—Shultz Belting Co., Bismarck & Barton, South St. Louis, Mo.
SHULTZ store front construction, coal chutes—Shultz All Steel Corner Post Co., St. Joseph, Mo.
SHUMAN neck yoke centers, neck yokes—National Neck Yoke Co., Rock Island, Ill.
SHUMARD sash balances—Coleman Hardware Co., 220 S. Michigan av, Chicago, Ill.
SHUMATE razors—Shumate Razor Co., 706 Chestnut, St. Louis, Mo.
SHURBOND metal lath—Goldsmith Metal Lath Co., 53 Central av, Cincinnati, Ohio
SHURECLEEN gasoline strainers—Bingham Mfg. Co., Cleveland, Ohio
SHUREDRY contractors' tents—Geo. B. Carpenter & Co., 440 North Wells, Chicago, Ill.
SHUR-KATCH fly traps—National Enameling & Stamping Co., 411 5th av, New York
SHURLOK lock sockets—Pass & Seymour, Solvay, N. Y.
SHURNUF window ventilators—Universal Ventilating Co., 14 Oak, Kansas City, Mo.
SHUR-ON sink legs—Luther Grinder Mfg. Co., 285 So. Water, Milwaukee, Wis.
SHUR SHUT mouse traps—Fort Dearborn Mfg. Co., Sterling, Ill.
SHUSTER automatic wire straightening & cutting machines—F. B. Shuster Co., Cedar Hills, New Haven, Conn.
SHUWHITE shoe polishes—S. M. Bixby & Co., 46th & 2nd av, Brooklyn, N. Y.
SHYROCK wire rope clamps — Leidecker Tool Co., Marietta, Ohio
SIASTEX waterproofing material — Sicilian Asphalt Paving Co., 41 Park row, New York
SIBERIAN stove pokers—Arcade Mfg. Co., Freeport, Ill.
SIDNEY blast furnaces—Northwestern Iron Co., 1st Nat'l Bank bldg, Milwaukee, Wis.
SIDNEY plows,, drag road scrapers, steel barrows—Sidney Steel Scraper Co., Sidney, Ohio
SIEBEN gas shut-off valves—Fire & Gas Appliance Co., 1906 Wyandotte, Kansas City, Mo.
SIEBEN traps, floor drains—Prier Brass Mfg. Co., Kansas City, Mo.
SIEBER & TRUSSELL loose leaf devices—Boorum & Pease Co., 109 Leonard, New York
SIEMAN valves—Sterrit-Thomas Foundry Co., 32nd & Smallman, Pittsburgh, Pa.
SIEMENS arc light carbons—Chas. L. Kiewert Co., Milwaukee, Wis.
SIFON ventilators—Illinois Art Metal Co., Springfield, Ill.
SIGNAL oil cups—Wm. Powell Co., Cincinnati, Ohio
SIGNALOID incandescent lamp coloring—Universal Electric Stage Lighting Co., 240 W. 50th, New York
SIGNET belt dressing—Russia Cement Co., Cloucester, Mass.
SIGNET floor drains—Crampton-Farley Brass Co., 221 Main, Kansas City, Mo.
SIGWALT seal presses—Sigwalt Mfg. Co., 3658 Armitage, Chicago, Ill.
SILCAR carborundum brick—Didier-March Co., Perth Amboy, N. J.
SILENT door hangers—National Mfg. Co., Sterling, Ill.
SILENT salesman show cases—Detroit Show Case Co., 480 Fort W., Detroit, Mich.
SILENT water closets—Pierce, Butler & Pierce Mfg. Corp., 437 E. 162nd, New York
SILEX chisels—Kilborn & Bishop Co., New Haven, Conn.
SILEX coffee filters & percolators—Silex Co., 45 High, Boston, Mass.
SILEX lubricating oils—Borne-Scrymser Co., 80 South, New York
SILEX oil & grease cups—Penberthy Injector Co., 346 Holden av, Detroit, Mich.
SILICO wall finish—United States Gypsum Co., 205 W. Monroe, Chicago, Ill.
SILK quillers—Benj. Eastwood Co., Paterson, N. J.
SILK toilet paper holders—Shelby Spring Hinge Co., Shelby, Ohio
SILKENAMEL magnet wire—Belden Mfg. Co., 2316 S. Western av, Chicago, Ill.
SILKENITE magnet wire—Acme Wire Co., New Haven, Conn.
SILKUYS KANT-RUST preventives—N. B. Arnold, 1 Sigourney, Brooklyn, N. Y.
SIL-O-CEL iron insulating compound, pipe & boiler covering—Celite Products Co., 11 B'way, New York
SILVENA polishing cloths—Adolph Fricke, 73 Franklin, New York

SILVER alcohol stoves, coffee mills, egg & cream beaters, potato presses, tumbler holders—Silver & Co., 304 Hewes, Brooklyn, N. Y.
SILVER alfalfa cutters, drill chucks, hub boring machines & swing saws—Silver Mfg. Co., Salem, O.
SILVER amalgamated plates—San Francisco Plating Works, 1349 Mission, San Francisco, Cal.
SILVER gray marble—Georgia Marble Co., Tate, Ga.
SILVERIAN ice & refrigerating machines—Armstrong Machinery Co., Spokane, Wash.
SILVER KING ratchet wrenches—C. M. B. Wrench Co., Garwood, N. J.
SILVER LAKE chalk & mason's lines—Silver Lake Co., Newtonville, Mass.
SILVER LAKE sash cords—Silverlake Co., Newtonville, Mass.
SIL-VER-OL metal polish—Northwestern Chemical Co., Marietta, Ohio
SILVER PATTERN egg & cream beaters—Standard Egg Co., 26 So. Market, Boston, Mass.
SILVER STRAND lightning rods—Electra Lightning Rod Co., Cresco, Iowa
SILVERTIP FLAME arc light carbons—National Carbon Co., Madison av, N. W. & W. 117th, Cleveland, Ohio
SILVERTIP PROJECTOR National & White arc light carbons—National Carbon Co., Madison av, N. W., & W. 117th, Cleveland, Ohio
SILVERZAHN ensilage cutters—Gehl Bros. Mfg. Co., West Bend, Wis.
SIMMANCE-ABADY combustion recorders—Precision Instrument Co., Detroit, Mich.
SIMMEN electric railway signals—Simmen Automatic Railway Signal Co., 1575 Niagara, Buffalo, N. Y.
SIMMONS floor & ceiling plates—John Simmons Co., 110 Centre, New York
SIMMONS pipe bending machines—Frank L. Wells Co., Kenosha, Wis.
SIMMONS-MOORE sand boxes—Dayton Mfg. Co., Dayton, Ohio
SIMONDS files—Simonds Mfg. Co., Fitchburg, Mass.
SIMONDS vacuum valves, steam receiver & separator—Simonds Heating & Specialty Co., Grand Rapids, Mich.
SIMONSON log turners—Challoner Co., Oshkosh, Wis.
SIMPLE boring tools—Allen & Curtiss Co., Mishawaka, Ind.
SIMPLEX annealing, assayers', bullion, case hardening, melting, reducing, refining, reheating, tinning & welding furnaces—Monarch Engng. & Mfg. Co., American Bldg., Baltimore, Md.
SIMPLEX ball bearings—Salisbury Ball Bearing Co., 3741 E. 93d, Cleveland, Ohio
SIMPLEX belt sanding machines—Schimmel, Reid & Co., Faribault, Minn.
SIMPLEX belt shifters, countershafts—Mossberg Wrench Co., 25 Charles, Providence, R. I.
SIMPLEX blue printing machines—Fred'k Post Co., 2021 S. Clark, Chicago, Ill.
SIMPLEX box straps—DeHaven Mfg. Co., 50 Columbia Hgts., Brooklyn, N. Y.
SIMPLEX car couplers—American Steel Foundries, McCormick bldg, Chicago, Ill.
SIMPLEX cattle stanchions, feed carriers—F. Rassmann Mfg. Co., Beaver Dam, Wis.
SIMPLEX celluloid labels—Stewart & Co., 24 Broadway, New York
SIMPLEX chain hoists—John G. Speidel, Reading, Pa.
SIMPLEX clothes washing machines, ironing machines—American Ironing Machine Co., 166 N. Michigan, Chicago, Ill.
SIMPLEX coal jigs—Wilmot Engineering Co., Hazleton, Pa.
SIMPLEX concrete mixers—Miles Co., Jackson, Mich.
SIMPLEX concrete piles—Simplex Concrete Piling Co., 3400 Disston, Phila., Pa.
SIMPLEX cork preparing outfits—U. S. Bottlers' Machinery Co., 1033 W. Lake, Chicago, Ill.
SIMPLEX corn planters—American Seeding Machine Co., Springfield, Ohio.
SIMPLEX door bells—Bradley & Farnham, Middlefield, Conn.
SIMPLEX door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
SIMPLEX electric cooking apparatus, electric sad irons, motor charging rheostats—Simplex Electric Heating Co., Cambridge, Mass.
SIMPLEX elect'l instrument igniters—Simplex Magneto Co., 1790 B'way, New York
SIMPLEX electric wiring mouldings—Kirkpatrick Mfg. Co., Glenwood & 3rd, Phila., Pa.
SIMPLEX expansion joints—Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
SIMPLEX fire extinguishers—David Kahnweiler's Sons, 260 Front, New York
SIMPLEX flexible couplings—Thomas Coupling Co., Erie, Pa.
SIMPLEX garden hose reels—Spray Engineering Co., 93 Federal, Boston, Mass.
SIMPLEX gauge glass cutters—Hy. B. Pancoast Co., 243 S. 3rd, Phila., Pa.
SIMPLEX gin saw filing machines—A. A. Wood & Sons Co., Atlanta, Ga.
SIMPLEX grass catchers—F. & N. Lawn Mower Co., Richmond, Ind.
SIMPLEX hatch fasteners—Mullholland Hatch Fastener Co., Cleveland, Ohio
SIMPLEX hoisters—Motor Specialties Co., Waltham, Mass.
SIMPLEX household ironing machines—Domestic Laundry Equipment Corp., 1365 Lexington av, New York
SIMPLEX injectors—Nathan Mfg. Co., 416 E. 106th, New York
SIMPLEX jacks—Templeton, Kenly & Co., Ltd., 1020 S. Central av, Chicago, Ill.
SIMPLEX lamp burners—Edw. Miller & Co., Meriden, Conn.
SIMPLEX milk pasteurizers & coolers, holders, separators & churns, vats—D. H. Burrell & Co., Little Falls, N. Y.
SIMPLEX ore concentrators—Colorado Iron Works Co., Denver, Colo.
SIMPLEX pipe clamps—Yarnall-Waring Co., 1001 Harrison blvd, Phila., Pa.
SIMPLEX pliers & nippers—Crescent Tool Co., 200 Harrison, Jamestown, N. Y.
SIMPLEX plumbers' tanks—Columbus Brass Co., Columbus, Ohio
SIMPLEX pump governors—Godfrey-Keeler Co., 70 Warren, New York
SIMPLEX rate controllers, tube meters—Simplex Valve & Meter Co., 110 N. Broad, Phila., Pa.
SIMPLEX riveting machines—F. H. Smith Mfg. Co., 3047 Carroll av, Chicago, Ill.
SIMPLEX rivetless chains—Cross Engng. Co., Carbondale, Pa.
SIMPLEX roofing nails—H. B. Sherman Mfg. Co., Battle Creek, Mich.
SIMPLEX rubber tire building cores—Williams Foundry & Mach. Co., Akron, Ohio
SIMPLEX seatless valves—Yarnall-Waring Co., 1001 Harrison blvd, Phila., Pa.
SIMPLEX set squares—Trimont Mfg. Co., Amory av, Roxbury, Boston, Mass.
SIMPLEX skylight guards—Zeiller & Nagel, 233 Java, Brooklyn, N. Y.
SIMPLEX shears—Quinn Wire & Iron Works, Boone, Ia.
SIMPLEX spray nozzle—Deming Co., Salem, Ohio.
SIMPLEX spray nozzles—Uehling Instrument Co., 71 Broadway, New York
SIMPLEX spray pumps—Brandt Mfg. Co., 310 3d, Minneapolis, Minn.
SIMPLEX steam meters—American District Steam Co., N. Tonawanda, N. Y.
SIMPLEX steam pumps—Dubois Iron Works, Dubois, Pa.
SIMPLEX stop & waste cocks—Landers, Frary & Clark, New Britain, Conn.
SIMPLEX time recorders—Simplex Time Recorder Co., Gardner, Mass.
SIMPLEX traction engines—Simplex Tractor Co., Minneapolis, Minn.
SIMPLEX transom lifts—Payson Mfg. Co., 2918 W. Jackson blvd, Chicago, Ill.
SIMPLEX trolley bases—Trolley Supply Co., Canton, Ohio
SIMPLEX twine holders—New York Roll Wrapping Paper Co., 84 Beekman, New York
SIMPLEX two mirror heliostate—Wm. Gaertner & Co., 5349 Lake Park av, Chicago, Ill.
SIMPLEX vacuum cleaners—Ramey Co., Chillicothe, Ohio
SIMPLEX ventilating sash locks—Climax Lock & Ventilator Co., 656 Michigan av, Buffalo, N. Y.
SIMPLEX-RUSSEL graders—Russell Grader Mfg. Co., Minneapolis, Minn.
SIMPLEX VENTURI water meters—Simplex Valve & Meter Co., 110 N. Broad, Phila., Pa.
SIMPLICITY can righting machines—Burden & Blakeslee, Cazenovia, N. Y.
SIMPLICITY concrete mixers, corn & cob mills—Turner Mfg. Co., Port Washington, Wis.
SIMPLICITY door springs—E. A. Lueck Co., Milwaukee, Wis.
SIMPLICITY gasoline lamps—Herman Merkel, 511 Elm, St. Louis, Mo.
SIMPLICITY incubators—Indianapolis Corrugating Co., Indianapolis, Ind.
SIMPLICITY spray hoods—Chas. P. McClellan, Fall River, Mass.

SIMPLICITY stage dimming rheostats—Cutler-Hammer Mfg. Co., Milwaukee, Wis.
SIMPSON concrete porch molds—Simpson Cement Mold Co., Maple & West, Columbus, Ohio
SIMPSON sand mixing machines—National Engn'g. Co., 5 N. La Salle, Chicago, Ill.
SIMPSON vises—Athol Machine Co., Athol, Mass.
SIM-PULL belt shifters, countershafts—Mossberg Wrench Co., 25 Charles, Providence, R. I.
SIMS heat generators, oil filters, water heaters—Sims Co., 18 & Whitley av., Erie, Pa.
SIMS safety water columns—Leopold Steigert, Logan & Elder, Cincinnati, Ohio
SIN cast iron griddles—Advance Mfg. Co., Racine Junction, Wis.
SINCLAIR rock drills—Fairbanks, Morse & Co., 900 S. Wabash av, Chicago, Ill.
SINGLE STROKE piston ring grinders—O. S. Walker Co., Worcester, Mass.
SINGLE TAPE safety fuse—du Pont de Nemours & Co. (E. I.), Wilmington, Del.
SINGLE'S speed limit engine stops—Springer & Hargitt, Hamilton, Ohio
SINTZ propeller wheels—Wilmarth & Norman Co., 1151 Monroe av N. W., Grand Rapids, Mich.
SIOUX gasoline engines—Sioux City Engine & Machinery Co., Sioux City, Ia.
SIR WM. THOMPSONS sounding machines—Jno. Hand & Sons Co., 222 Walnut, Phila., Pa.
SIRIUS steam traps—Standard Steam Specialty Co., 542 W. Broadway, New York
SIROCCO blowers, fans, ventilators—American Blower Co., 1400 Russell, Detroit, Mich.
SISCO drill & tool steel & welding wire—Swedish Iron & Steel Corp., 12 Platt, New York
SISSON cast iron soil pipe & fittings—R. Estabrook's Sons, 201 1st, Boston, Mass.
SITES poultry coops—Defiance Box Co., Defiance, Ohio
600 K cylinder oils—Wadham's Oil Co., Nat'l Bank bldg., Milwaukee, Wis.
SIX-IN-ONE kitchen sets—Kohler Die & Specialty Co., De Kalb, Ill.
SIX LEVERS padlocks—Slaymaker Lock Co., Lancaster, Pa.
SIX MULE team gasoline engines—Associated Mfrs. Co., Waterloo, Ia.
SIXTY-ONE varnish—Pratt & Lambert, 185 Madison av, New York
SIZOL size—Seydel Mfg. Co., 88 Forrest, Jersey City, N. J.
SKABOO garden cultivators, wheel garden hoes—Ohio Cultivator Co., Bellevue, Ohio
SKANDIA fuel oil marine engines—H. S. Johannsen, 50 Church, New York
SKAT hand soap—Skat Co., Hartford, Conn.
SKEDOODLE electric sign flashers, self flushing socket plugs—Phelps Mfg. Co., Detroit, Mich.
SKELTON electric bells—Stanley & Patterson, 23 Murray, New York
SKENE boat chocks—Wilcox, Crittenden & Co., Middletown, Conn.
SKIDOO polish—Mutual Auto Accessories Co. of America, 1777 B'way, New York
SKIHI gaskets & packing—Quaker City Rubber Co., 629 Market, Phila., Pa.
SKIMER dairy apparatus—Vermont Farm Machine Co., Bellows Falls, Vt.
SKIN COTE piano varnishes—Glidden Varnish Co., 1755 W. Madison, Cleveland, Ohio
SKINNER chucks, drilling machine vises—Skinner Chuck Co., New Britain, Conn.
SKINNER tire air pumps—Mayo-Skinner, 54 E. 18th, Chicago, Ill.
SKINNER valve re-seating machines & tools, & bibb seat dressers—M. B. Skinner & Co., 562 W. Washington, Chicago, Ill.
SKINNER PIPE JOINT clamp—M. B. Skinner Co., 562 W. Washington, Chicago, Ill.
SKINNER'S gauge glass cutters—Skinner & Connolly, Yonkers, N. Y.
SKOOKUM tackle blocks—Columbia Steel Co., Portland, Ore.
SKOOTS children's vehicles—B. & B. Mfg. Co., Racine, Wis.
SKY-ROCKET lightning arresters—Chance Mfg. Co., Centralia, Mo.
SLACK LINE excavators—Cable Excavator Co., Phila., Pa.
SLASHER cotton mops—Estes Mills, Fall River, Mass.
SLATINGTON BEST iron bar—Slatington Iron & Steel Co., Slatington, Pa.
SLATINGTON NORWAY iron bar—Slatington Iron & Steel Co., Slatington, Pa.
SLATINGTON STAYBOLT iron bar—Slatington Iron & Steel Co., Slatington, Pa.
SLAYER rat traps—Lovell Mfg. Co., Erie, Pa.
SLAYMAKER padlocks, locks—Slaymaker Lock Co., Lancaster, Pa.
SLAYMAN folding presses—Slayman & Co., cor Pratt & President, Baltimore, Md.
SLECT-O-PHONE interior telephones—Screw Machine Products Co., 1012 Eddy, Providence, R. I.
SLEETH flexible mats—Sleeth Mfg. Co., Belleville, N. J.
SLICK cultivators—Hayes Pump & Planter Co., Galva, Ill.
SLICK cutter serrated bread knives—National Mfg. Co., Steel Supply Co., 781 Summit, Newark, N. J.
SLICK steel tires—Cambria Steel Co., Widener bldg., Phila., Pa.
SLIDEWELL furniture shoes—Turner & Stanton Co., Norwich, Conn.
SLIKUP metal polish, carriage top dressing—N. B. Arnold, 1 Sigourney, Brooklyn, N. Y.
SLIKUP KOTE carriage top dressing—N. B. Arnold, 1 Sigourney, Bklyn, N. Y.
SLIP AXLE motor cycle pedals—Torrington Co., the Standard Plant, Torrington, Conn.
SLIPPERY SLIM toys—American Flyer Mfg. Co., 2219 S. Halsted, Chicago, Ill.
SLOAN flushing valves—Sloan Valve Co., 617 W. Jackson blvd, Chicago, Ill.
SLOAN gas ovens, electric toasters, water coolers—Sloan Novelty Mfg. Co., Kansas City, Mo.
SLOAN'S SUPERIOR pumping engines—Sam'l. Sloan & Co., Rochester, N. Y.
SLOSS pig iron—Sloss Sheffield Steel & Iron Co., Birmingham, Ala.
SLOSS SHEFFIELD pig iron—Wm. J. Breen Co., 84 State, Boston, Mass.
SLY water cinder mills—W. W. Sly Mfg. Co., 4700 Train av., Cleveland, Ohio
SMALLEY gas engines—Smalley Mfg. Co., Manitowoc, Wis.
SMASHER clod crushers—Rock Island Plow Co., Rock Island, Ill.
SMEARLESS carbon paper—Vacuo-Static Carbon Co., Rochester, N. Y.
SMILAX rubber hose—Bowers Rubber Works, San Francisco, Cal.
SMIRCHLESS carbon paper—H. M. Storms Co., 11 Vandewater, New York
SMITH box car loaders—Link-Belt Co., 39th & Stewart av, Chicago, Ill.
SMITH car doors & fittings—James Car Door Co., Monadnock blk, Chicago, Ill.
SMITH concrete mixers, hot mixers, glass mixers, hand mixers— **T. L. SMITH CO.**, 1151 32nd, Milwaukee, Wis.
SMITH corn planters, feed cutters, peanut separators—Cardwell Machine Co., 1900 E. Cary, Richmond, Va.
SMITH cotton ginning machinery—Continental Gin Co., Birmingham, Ala.
SMITH cylinder drainers—American Safety Lamp & Mine Supply Co., Scranton, Pa.
SMITH electric bells—Service Electric Co., 323 Sheldon, Chicago, Ill.
SMITH elevator door hangers, improved stall floors—F. P. Smith Wire & Iron Works, 2340-48 Clybourn av., Chicago, Ill.
SMITH farm wagons—Smith Mfg. Co., La Crosse, Wis.
SMITH feed cutters—Glascock Stove & Mfg. Co., Greenboro, N. C.
SMITH feed cutters—S. R. White's Sons, Norfolk, Va.
SMITH fly swatters—Atlas Mfg. Co., New Haven, Conn.
SMITH friction clutches—Hill Clutch Co., 1000 W. 58th, Cleveland, Ohio.
SMITH gas producers, gas valves, tar extractors—Smith Gas Power Engineering Co., Lexington, Richland Co., Ohio
SMITH gas & water main tapping machines—A. P. Smith Mfg. Co., East Orange, N. J.
SMITH hatters valves—McNab & Harlan Mfg. Co., 55 John, New York
SMITH hoes—Jno. C. Smith Hoe & Tool Co., Evansville, Ind.
SMITH combination pipe vises & steam & hot water heaters—H. B. Smith Co., Westfield, Mass.
SMITH hydraulic turbines & turbine water wheels—S. Morgan Smith Co., York, Pa.
SMITH locomotive hub plates—Smith Locomotive Adjustable Hub Plate Co., Pittsburgh, Kans.
SMITH pipe threading dies—S. W. Card Mfg. Co., Mansfield, Mass.
SMITH pipe vises—Oswego Tool Co., Oswego, N. Y.
SMITH screen plates—Rice-Barton & Fales Machine & Iron Co., Worcester, Mass.
SMITH shot guns—Hunter Arms Co., Fulton, N. Y.

SMITH steam traps—Robt. C. Johnston & Co., 620 Lodge, Cincinnati, Ohio
SMITH straw cutters—S. R. White's Sons, Norfolk, Va.
SMITH tie renewers—P. & M. Co., 80 E. Jackson blvd., Chicago, Ill.
SMITH turbine water wheels—S. Morgan Smith Co., York, Pa.
SMITH AMERICAN mop sticks & holders—Mason Mfg. Co., Perkinsville, Vt.
SMITH-CHICAGO concrete mixers, high drum paving mixers, fertilizer mixers, low charge mixers, and mixerettes—**THE T. L. SMITH CO.,** 1151 32d, Milwaukee, Wis.
SMITH FORM-A-TRUCK truck units—Smith Form-A-Truck Co., 1516 W. 14th av., Chicago, Ill.
SMITH'S countersinks—M. W. Robinson Co., 203 37th, Brooklyn, N. Y.
SMITH'S pipe vise stands—Strand Heater & Mfg. Co., 7804 Wade Park, Cleveland, Ohio
SMITH'S hoes—Union Fork & Hoe Co., Columbus, Ohio
SMITH'S IDEAL pruning shears—Smith, Seymour & Son, Oakville, Conn.
SMITH'S sash locks, sash pulleys, metal window hardware—Frank E. Smith Metal Window Hardware Co., 81 Clay, Newark, N. J.
SMITH'S twister stop motions—Draper Corp., Hopedale, Mass.
SMITH'S NEVER ESCAPE rat traps—Detroit Wire & Iron Works, Detroit, Mich.
SMITH'S HOT BLAST water radiators—H. B. Smith Co., Westfield, Mass.
SMITHICKS belt fasteners—F. P. Smith & Co., Sharon Hill, Pa.
SMITH-VAILE steam pumps & pumping engines—Platt Iron Works, Dayton, Ohio
SMOKELESS WONDER steam heaters—Ideal Mfg. & Supply Co., Oskaloosa, Ia.
SMOKY CITY packing—American Steam Packing Co., 10 High, Boston, Mass.
SMOLENSKY valves suction & noiseless check—M. Smolensky Mfg. Co., 2108 Superior av, N. W., Cleveland, O.
SMOOTH PIPE wrenches—Warnock Mfg. Co., 54 Commercial, Worcester, Mass.
SMOOTH OH steel tubing—Mohegan Tube Co., Scott av. & Meserole, Brooklyn, N. Y.
SMOOTH-ON pipe joint cements—Smooth-On Mfg. Co., 572 Communipaw av, Jersey City, N. J.
SMYRNA front brick—Auburn Shale Brick Co., Auburn, Pa.
SMYTH car derailers—Hobart Allfree Co., 37 W. Vanburen, Chicago, Ill.
SNAP belt fasteners—Snap Detachable Belt Fastener Co., 1281 Murray, Newark, N. J.
SNAP extension curtain rods—Blake Signal & Mfg. Co., 251 Causeway, Boston, Mass.
SNAP molders flasks—C. A. Green Co., Toledo, Ohio
SNAP molders flasks—Hill & Griffith Co., 1248 State av, Cincinnati, O.
SNAP screw pitch gauges—Wood & Spencer Co., Cleveland, Ohio
SNAP OVER wire test connectors—Fahnestock Electric Co., Meadow, L. I. City, N. Y.
SNEAD metallic standard & bracket library book stacks—Snead & Co., Iron Works, 98 Pine, Jersey City, N. J.
SNECKER gas engines—Stamford Motor Co., Stamford, Conn.
SNELL auger bits, boring machines—Snell Mfg. Co., Fiskdale, Mass.
SNOW water wheel governors—Cohoes Iron Fndy. & Mach. Co., Cohoes, N. Y.
SNOW BALL clothes washing machines—Davenport Washing Machine Co., Davenport, Ia.
SNOW-BALL ice cream freezers—Richmond Cedar Works, Richmond, Va.
SNOWDRIFT hydrated lime—Dittlinger Lime Co., New Braunfels, Texas
SNOW E. WHITE clothes washing machines—H. F. Brammer Mfg. Co., Davenport, Ia.
SNOW FINGER nail clippers—Snow & Petrelli Mfg. Co., New Haven, Conn.
SNOW FLAKE calcined plaster—J. B. King & Co., 17 State, New York
SNOW FLAKE corn poppers—Deshler Mail Box Co., Deshler, Ohio
SNOW FLAKE library paste—L. H. Thomas Co., W. Congress & S. Peoria, Chicago, Ill.
SNOW FLAKE lime—Rochester Lime Co., Rochester, N. Y.
SNOW FLAKE lubricating oils & greases—Snow Flake Axle Grease Co., Fitchburg, Mass.
SNOW FLAKE plumbers' & mining candles—Standard Oil Co. of N. Y., 555 W. 25th, New York
"SNOW FLAKE" polishing compound—General Platers Supply Co., 489-493 Broome, New York
SNOW FLAKE soldering flux—Chemical Co., Guardian bldg., Cleveland, Ohio
SNOW-MOORE water cranes—T. W. Snow Construction Co., 537 S. Dearborn, Chicago, Ill.
SNOW WHITE artificial stone laundry tubs—Chicago Granitine Mfg. Co., 3619 Wall, Chicago, Ill.
SNOW-WHITE pyralin seats—C. F. Church Mfg. Co., Holyoke, Mass.
SNYDER'S hot air registers—Hess-Snyder Co., Massillon, Ohio
SOAPOSO soap—Standard Chemical & Supply Co., 172 2nd, East Cambridge, Mass.
SOAPOLIN liquid soap—Sanitary Products Corp., Phila., Pa.
SOAPUN liquid soap dispensers—Chas. Morrill, 100 Lafayette, New York
SOCKETT plaster boards—U. S. Gypsum Co., 205 W. Monroe, Chicago, Ill.
SOCONY oil, benzine, gasoline, naphtha—Standard Oil Co., of N. Y., 555 W. 25th, New York
SO EASY sad irons—Phelps Mfg. Co., Detroit, Mich.
SO-EZY lawn swings—Williams Mfg. Co., Macon, Ga.
SO HANDY pocket knife tool kits—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
SOFT SPOTS heel cushions—Essex Rubber Co., Trenton, N. J.
SOHM clocks, time recorders, time stamps, watchman's boxes.—Sohm Electric Signal & Recording Co., 1770 Berteau av, Chicago, Ill.
SOHO self-hardening steel—Hobson-Houghton & Co., 83 Beekman, New York
SOIL feeder fertilizer distributors—Leavitt Mfg. Co., Urbana, Ill.
SO-KLEAN carbon paper, typewriter ribbons—Downes & Co., 63 Wall, New York
SOLANO steam engines—Howard & Morse, 46 Fulton, New York
SOLAR belt dressing—Barnum Bros. Co., Troy, N. Y.
SOLAR gas & oil lamps, acetylene searchlights—Badger Brass Mfg. Co., Kenosha, Wis.
SOLAR kerosene lamp burners—Edw. Miller & Co., Meriden, Conn.
SOLAR GROUND stoves—Sanitary Heating Co., 233 37th, Brooklyn, N. Y.
SOLARINE metal polish—Harry A. Allers, Emerson Bldg., Baltimore, Md.
SOLAROID packing—Thermoid Rubber Co., Trenton, N. J.
SOLCUT cutting compounds—C. F. Houghton & Co., 240 W. Somerset, Philadelphia, Pa.
SOLDCO belt preservative—Duntley Co., 295 Fifth av., New York
SOLDERINE salts—Central Stamping Co., 174 Fulton, New York.
SOLDER-IRON plumbers' solder—Kahn Bros., 785 Humboldt, Brooklyn, N. Y.
SOLDUX self-fluxing solder—Dielectric Mfg. Co., 224 S. Vandeventer av, St. Louis, Mo.
SOLID BACK brushes—Standard Brush Co., New Hartford, Conn.
SOLID-COMFORT hot air furnaces—May-Fiebeger Co., Akron, Ohio.
SOLIDHED thumb tacks—Hawkes-Jackson Co., 38 Murray, New York
SOLIS belt dressing—Standard Leather Dressing Co., Trenton, N. J.
SOLITE carbon paper—De Fi Mfg. Co., 150 Nassau, New York
SOL-MIN-OIL lubricating oil & greases—Allen-Murphy Co., 125 W. 46th pl, Chicago, Ill.
SOLSHINE metal polish—Solshine Mfg. Co., 22 custom House, Boston, Mass.
SO-LUMINUM solder aluminum—So-Luminum Mfg. & Engng. Co., 1790 B'way, New York
SOLUS incandescent miniature lamps—C. D. Wood Electric Co., 441 B'way, New York
SOLUS radiators—National Radiator Co., Trenton, N. J.
SOLVAY paints, concrete coating, core compounds, concrete waterproof coatings & metallurgical coke—Semet-Solvay Co., Syracuse, N. Y.
SOLVOL boiler compounds—Duryea Mfg. Co., Bayonne, N. J.
SOLVONON pulley covering—U. S. Pulley Covering Co., 212 Washington, New York.
SOMERSET hot water radiators—National Radiator Co., Trenton, N. J.
SONDERGLASS gauge glasses—A. W. Chesterton Co., 64 India, Boston, Mass.
SONNECOTE roofing—L. Sonneborn Sons, 262 Pearl, New York.
SONOGRAPH projection apparatus—L. E. Knott Apparatus Co., 79 Amherst, Cambridge, Mass.
SONOSCOPE trouble finders—American Electric Co., 6401 S. State, Chicago, Ill.

SOOTLESS spark plugs—Oakes & Dow Co., 15 Chardon, Boston, Mass.
SORGE exhaust heads, steam traps—A. Sorge, Jr., & Co., Monadnock blk, Chicago, Ill.
SOTONE wall finish—Boydell Bros. White Lead & Color Co., Detroit, Mich.
SOTTER'S steam heaters—Sotter Bros., Pottstown, Pa.
SO. AFRICAN CREEDMORE scythe snaths—Seymour Mfg. Co., Seymour, Ind.
SOUTH ALLEN jelly exaporators—Hydraulic Press Mfg. Co., Mt. Gilead, Ohio
SOUTH AMERICAN horse hair—Geo. Willcomb Co., 60 Chairdon, Boston, Mass.
SOUTH BEND alfalfa cultivators, potato diggers—South Bend Chilled Plow Co., South Bend, Ind
SOUTH BEND coaster wagons—South Bend Toy Mfg. Co., South Bend, Ind.
SOUTH PITTSBURGH pig iron—Tennessee Coal, Iron & Railroad Co., Birmingham, Ala.
SOUTHBURY plows—Wm. & Hy. Bronson, Roxbury, Conn.
SOUTHDOWN packing—Crandall Packing Co., Palmyra, N. Y.
SOUTHERN crescent anvils, sad irons—Southern Skein & Foundry Co., Chattanooga, Tenn.
SOUTHERN grain drills, rice planting drills—Wm. Fetzer Co., Springfield, Ill.
SOUTHERN harrows—Thomas Mfg. Co., Springfield, Ohio
SOUTHERN HOME paint—F. J. Cooledge & Sons, Atlanta, Ga.
SOUTHERN saws—Southern Saw & Works, East Point, Ga.
SOUTHERN BEAUTY enameled iron bath tubs, sinks & trays, lavatories & fittings, drinking fountains—Cahill Iron Works, Chattanooga, Tenn.
SOUTHERN QUEEN garden cultivators—Ohio Cultivator Co., Bellevue, Ohio
SOUTHERN QUEEN stoves & ranges—Mountain City Stove & Mfg. Co., Chattanooga, Tenn.
SOUTHERN STATES cement—Southern States Portland Cement Co., Rockmart, Ga.
SOUTHER'S metallic shingles—E. E. Southern Iron Co., Kienlen & Hamburger, St. Louis, Mo.
SOUTHLAND cultivators—Kingman Plow Co., Peoria, Ill.
SOUTHLAND meter boxes—H. W. Clark Co., Mattoon, Ill.
SOUTHWARK-HARRIS air compressors — Southwark Foundry & Machine Co., Philadelphia, Pa.
SOUTHWARK-RATEAU steam turbines—Southwark Foundry & Machine Co., 430 Washington av, Philadelphia, Pa.
SOUTHWICK row-locks—Wilcox, Crittenden & Co., Middletown, Conn.
SOUTHWORTH paper punching machinery—Southworth Machine Co., Portland, Me.
SOUTHWORTH paper testers—Illinois Iron & Bolt Co., Carpentersville, Ill.
SOVEREIGN acid proof belting mfrs., gum & fibrous gaskets, packing mfrs. & sheet packing—Dominion Asbestos & Rubber Corp., 154 Nassau, New York
SOVEREIGN bath tubs—Kohler Co., Sheboygan, Wis
SOVEREIGN hot water radiators—H. B. Smith Co., Westfield, Mass.
SOVRAN brass pins—Oakville Co., Waterbury, Conn.
SPALDING carriage springs—E. B. Adams & Son, Racine, Wis.
SPALDING plows—Spalding Tilling Machine Co., Cleveland, Ohio
SPALDING potato planters—Hirsch Bros., 267 Reed, Milwaukee, Wis.
SPANGLER fire extinguishers—Spangler Mfg. Co., York, Pa.
SPARE'S manganese bronze alloys, rods & sheets—American Manganese Bronze Co., 3501 Rhawn, Philadelphia, Pa.
SPARK coil files—Nicholson File Co., Providence, R. I.
SPARKLESS woven wire brushes—Barkelew Electric Mfg. Co., Middletown, Ohio
SPARKS vacuum heating systems—Automatic Vacuum Pump Co., 223 W. Erie, Chicago, Ill.
SPARROW metal polish, disinfectants—American Oil & Disinfectant Co., 196 Water, New York
SPARSAM packing—Kern Commercial Co., 114 Liberty, New York
SPARTA binder covers—Sparta Plow Works, Sparta, Ill.
SPARTAN belting—Graton & Knight Mfg. Co., Worcester, Mass.
SPARTAN kitchen enameled ware—Crunden-Martin Mfg. Co., 2nd & Gratiot, St. Louis, Mo.
SPARTAN lubricators—Wm. Powell Co., Cincinnati, Ohio.
SPARTAN pipe wrenches—Drop Forging Co., of New York, 301 West Side av, Jersey City, N. J.
SPARTAN wood stains—Marietta Paint & Color Co., Marietta, Ohio
SPARTON electric automobile horns—Sparks Withington Co., Jackson, Mich.
SPAULDING'S FETHER-LYTE shoe-trees—Kennebunk Mfg. Co., Rochester, N. H.
SPEAKMAN compression cocks, laboratory valves, bath wastes—Speakman Supply & Pipe Co., Wilmington, Del.
SPEARE'S metal polish—Alden Speare's Sons Co., Cambridge, Mass.
SPEAR HEAD harrows—Wm. Fetzer Co., Springfield, Ill.
SPECIAL anvils—Fisher & Norris, Trenton, N. J.
SPECIAL carbon paper—J. A. Heale & Co., 96 John, New York.
SPECIAL carbon paper—Miller-Bryant-Pierce Co., Aurora, Ill.
SPECIAL feed cutters—D. F. Tanner, Holland, N. Y.
SPECIAL high speed steel—Columbia Tool Steel Co., 552 W. Lake, Chicago Heights, Ill.
SPECIAL padlocks—Slaymaker Lock Co., Lancaster, Pa.
SPECIAL power presses—A. H. Niles Machine Co., Bridgeport, Conn.
SPECIAL staybolt iron—Carter Iron Co., Pittsburgh, Pa.
SPECIAL EXCELSIOR belting—Boston Belting Corp., 84 Linden Park, Boston, Mass.
SPECIAL RED automobile inner tubes—National Rubber Co., Pottstown, Pa.
SPE-DE-SHYNE metal polish—Cleanola Co., Fulton bldg, Pittsburgh, Pa.
SPEDOLENE lubricating oils & greases—Continental Asbestos Corp., 7 Summer, Worcester, Mass.
SPEEDO cutting compounds—Warren G. Black Oil Co., Century bldg., Cleveland, O.
SPEEDWAY gasoline engines—Gas Engine & Power Co., & Charles L. Seabury, Morris Heights, N. Y.
SPEEDWAY REDWALL rubber tires—National Rubber Co., Pottstown, Pa.
SPEEDY clothes washing machines—H. F. Brammer Mfg. Co., Davenport, Ia.
SPEEDY force & lift pumps—Wm. Powell Co., Cincinnati, Ohio
SPEEDY STITCHER harness awls—Stewart-Skinner Co., Worcester, Mass.
SPEIDEL hoists—John G. Speidel, Reading, Pa.
SPELTER mitre boxes—McFarlan & Spilker Mfg. Co., Colerain & Dorman, Cincinnati, O.
SPENCE steam & hot water heaters—Pierce, Butler & Pierce Mfg. Corp., 437 E. 162nd, New York
SPENCER boiler flue & tube cleaners—Wm. Mulholland, 79 White, New York
SPENCER organ blowers, organ motors—Organ Power Co., Hartford, Conn.
SPENCER pattern damper regulators—Jno. Acton, 118 John, Brooklyn, N. Y.
SPENCER pressure regulators, balance valves, pipe vises—Spencer Regulator Co., Salem, Mass.
SPENCER truck seats—Illinois Malleable Iron Co., 1801 Diversey blvd., Chicago, Ill.
SPENCER vacuum cleaners — Spencer Turbine Cleaner Co., Hartford, Conn.
SPENCERIAN respirators—Chicago Eye Shield Co., 2300 Warren av, Chicago, Ill.
SPERMO lubricating oils & greases—Warren Lubricant Co., 22 Maurice, Buffalo, N. Y.
SPER O ball valves—Fairbanks Co., 416 Broome, New York
SPERRY farm boilers, vacuum pans—D. R. Sperry & Co., Batavia, Ill.
SPERRY PERFECTION cast iron culverts—Brillon Iron Works, Brillion, Wis.
SPERRY PERFECTION cast iron culverts—N. H. Colby & Son, Granville, Ill.
SPERRY PERFECTION cast iron culverts—Munnsville Plow Co., Munnsville, N. Y.
SPERRY PERFECTION cast iron culverts—H. Wetter Mfg. Co., Memphis, Tenn.
SPHERO blow-off valves—Fairbanks Co., 416 Broome, New York
SPHINX belting — Rossendale-Reddaway Belting & Hose Co., Newark, N. J.
SPHINX metal polish—R. A. Cromwell Mfg. Co., 303 E. 29th, New York
SPIC & SPAN metal polish—B. T. Babbitt (Inc.), 11 Broadway, New York
SPICER universal joints—Spicer Mfg. Co., So. Plainfield, N. J.
SPIDER clippers—Coates Clipper Mfg. Co., Worcester, Mass.
SPIDER lawn mowers — S. P. Townsend & Co., Orange, N. J.

SPIDER packing—New York Belting & Packing Co., 91 Chambers, New York
SPINAWAY detachable motors—Spinaway Boat Motor Co., Freeport, Ill.
SPIRAL coal separators—Anthracite Separator Co., Hazleton, Pa.
SPIRAL expanded metal lath—American Rolling Mill Co., Middletown, Ohio
SPIRIT lacquer—M. L. Barrett & Co., 233 W. Lake, Chicago, Ill.
SPIRIT levels—S. R. Jackson, Watertown, N. Y.
SPIRO compression couplings—Bond Foundry & Machine Co., Manheim, Pa.
SPIROJECTOR ejector condensers—Worthington Pump & Machy. Corp., 115 B'way, New York
SPIT FIRE spark plugs—A. R. Mosler & Co., Mt. Vernon, N. Y.
SPITZLI shaft couplers—Fernald Mfg. Co., North End, Pa.
SPLIT HANDLE post pole diggers—Iwan Bros., South Bend, Ind.
SPLITPROOF closet seats—Climax Sanitary Co., Detroit, Mich.
SPOKANE ice & refrigerating machines—Armstrong Machinery Co., Spokane, Wash.
SPOKANE incubators & brooders—Spokane Incubator Co., Spokane, Wash.
SPON-TEM paste, powder size—Clark Paper & Mfg. Co., Rochester, N. Y.
SPOOL O WIRE stapling machs.—Hutchison Office Spec. Co., 501 5th av., New York
SPORT clippers—Coates Clipper Mfg. Co., Worcester, Mass.
SPORTING RIFLE POWDER NO. 80—du Pont de Nemours & Co., E. I., Wilmington, Del.
SPORTMAN'S hunting knives—Marble Arms & Mfg. Co., Gladstone, Mich.
SPOTLESS brushes—Alpha Brush Co., Troy, N. Y.
SPRACO spray nozzles—Spray Engng. Co., 93 Federal, Boston, Mass.
SPRAGUE automobile wind shields—Sprague Umbrella Co., Norwalk, Ohio
SPRAGUE can openers—Browne & Dowd Mfg. Co., Meriden, Conn.
SPRAGUE can openers—Fletcher, Terry Co., Forestville, Conn.
SPRAGUE cheese presses—D. H. Burrell & Co., Little Falls, N. Y.
SPRAGUE hot air furnaces—Sprague Foundry & Mfg. Co., Council Bluffs, Ia.
"SPRAMIST" spray nozzle—Deming Co., Salem, O.
SPREADTITE box strapping—Stanley Works, New Britain, Conn.
SPREDLITE lenses—Corning Glass Works, Corning, N. Y.
SPRING CLIP battery connectors—National Carbon Co., Madison av. N. W. & W. 117th, Cleveland, Ohio
SPRINGER ironing boards—Oregon Woodenware Mfg. Co., Portland, Ore.
SPRINGFIELD automobile jacks, tire air pumps, tire remover tools—Shawver Co., Springfield, Ohio
SPRINGFIELD compound core—Springfield Facing Co., Springfield, Mass.
SPRINGFIELD corn cribs—Wm. Bayley Co., Springfield, Ohio
SPRINGFIELD grinders—Springfield Mfg. Co., Bridgeport, Conn.
SPRINGFIELD logging wagons — Springfield Wagon Co., Springfield, Mo.
SPRINGFIELD oil extractors—National Separator & Machine Co., Concord, N. H.
SPRINGFIELD toilet paper holders—Morgan Envelope Co, Springfield, Mass.
SPRINGFIELD traps—Joseph H. Young Co., 82 High, Boston, Mass.
SPRING HAMMER drilling machines—Star Expansion Bolt Co., 147 Cedar, New York
SPRING LOCK oil & grease cups—Penberthy Injector Co., 346 Holden av, Detroit, Mich.
SPRING RAIL clamp frogs—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.
SPRING STEP rubber heels—Revere Rubber Co., Chelsea, Mass.
SPRING TUMBLER padlocks—Slaymaker Lock Co., Lancaster, Pa.
SPROCKET padlocks—Slaymaker Lock Co., Lancaster, Pa.
SPRUCE tanning extracts—Robeson Process Co., 18 E. 41st, New York
SPRY coal drills—Howell's Mining Drill Co., Plymouth, Pa.
SQUADRON packing mfrs. & sheet packing—Dominion Asbestos & Rubber Corp., 154 Nassau, New York
SQUANTUM reclaimed rubber—Monatiquot Rubber Works Co., S. Braintree, Mass.
SQUARE DEAL belting—Burr Oak Belting Co., 521 Livingston, Cincinnati, Ohio
SQUARE DEAL closet seats—Olmstead-Thomson Mfg. Co., New Britain, Conn.
SQUARE DEAL wire fences & gates, poultry netting—Keystone Steel & Wire Co., Peoria, Ill.
SQUARE FOUNTAIN lawn sprinklers—Central Brass & Stamping Co., Peoria, Ill.
SQUIER-BUFFALO multiple effects evaporators—Geo. L. Squier Mfg. Co., Buffalo, N. Y.
SQUIRES packing—Squires & Byrne Rubber Co., San Francisco, Cal.
SQUIERS pressure reducing valves—C. E. Squires, Cleveland, O.
SQUIRREL nut crackers & picks—Woldert Grocery Co., Tyler, Tex.
STACKPOLE battery connectors—Stackpole Carbon Co., St. Marys, Pa.
STACY swivel load or log binders—Stacy Eugene Co., Tiffin, O.
STACY valve & service boxes—Builders' Iron Foundry, 9 Codding, Providence, R. I.
STAG belt fasteners—Columbia Novelty Co., St. Louis, Mo.
STAG coal tar products—Coal Tar Products Co., 570 Smith, Brooklyn, N. Y.
STAG manganese steel castings, frogs, switches & crossings, buckets, chains, gears, rolls, screens, repair parts—American Manganese Steel Co., 332 S. Michigan av, Chicago, Ill.
STAHL'S steel grease cups—Stahl Mfg. Co., Minneapolis, Minn.
STAINED metal polish powder—D. M. Steward Mfg. Co., Chattanooga, Tenn.
STAINES linoleum—Witcombe, McGeachin & Co., 22 W. 37th, New York
STALEY dirt tampers—Lourie Mfg. Co., Springfield, Ill.
STALL & DEAN baseball bats, base balls, tennis shoes—Stall & Dean Mfg. Co., Brockton, Mass.
STAMFORD rubber substitutes—Stamford Rubber Supply Co., Stamford, Conn.
STANDARD absorbent cotton—Maplewood Mills, Fall River, Mass.
STANDARD A lithopone—New Jersey Zinc Co., 55 Wall, New York
STANDARD artificial leather, wall coverings—L. C. Chase & Co., 89 Franklin, Boston, Mass.
STANDARD asphalt fillers—Standard Oil Co., 72 W. Adams, Chicago, Ill.
STANDARD asphalt—Wadsworth Stone & Paving Co., Lambert & P. R. R., Pittsburgh, Pa.
STANDARD automobile tool boxes—Standard Steel Box Co., Pittsburgh, Pa.
STANDARD automobile trunk racks — Connecticut Steel & Wire Co., Hartford, Conn.
STANDARD automobile wheel pullers—Standard Auto Accessory Co., Leipsic, Ohio
STANDARD babbitt metal—Atkinson Co., Rochester, N. Y.
STANDARD bar drop handle faucets—Standard Brass & Iron Works, 1820 St. Paul av., Milwaukee, Wis.
STANDARD battery motor fans, battery motors—Davis, Kendrick Co., Lebanon, N. H.
STANDARD belting—Empire Rubber & Tire Mfg. Co., East Trenton, N. J.
STANDARD belting—Quaker City Rubber Co., 629 Market, Phila., Pa.
STANDARD bicycle & motor cycle pedals—Torrington Co., the Standard Plant, Torrington, Conn.
STANDARD blotting paper—Standard Paper Mfg. Co., Hull & Canal, Richmond, Va.
STANDARD bolt cutting machines—Universal Machine Co., Bowling Green, Ohio
STANDARD boring & turning machines—Bullard Machine Tool Co., Bridgeport, Conn.
STANDARD bread toasters—Standard Stamping Co., Marysville, Ohio
STANDARD bridle rings — Diamond Expansion Bolt Co., 89 West, New York
STANDARD buggy aprons—Racine General Mfg. Co., Racine, Wis.
STANDARD butter printing & cutting machines—D. H. Burrell & Co., Little Falls, N. Y.
STANDARD car bells & gongs—Wallace Supplies Mfg. Co., 412 Orleans, Chicago, Ill.
STANDARD car coupler—Standard Coupler Co., 30 Church, New York
STANDARD car jacks, railway track drills—National-Standard Co., Box 211, Niles, Mich.
STANDARD carbon paper—Non-Smut Carbon Mfg. Co., Rochester, N. Y.
STANDARD carpet nails—Milwaukee Tack Co., 27th & Wahl av., Milwaukee, Wis.
STANDARD carriage axles—Lee & Porter, Buchanan, Mich.

STANDARD cement—Standard Portland Cement Co., Charleston, S. Car.
STANDARD cement mfrs.—Standard Portland Cement Corp., Crocker bldg., San Francisco, Cal.
STANDARD chilian mills—Elspass Engineering & Mining Machinery Co., Denver, Colo.
STANDARD churns—Standard Churn Co., Wapakoneta, Ohio
STANDARD cigarette machinery, tobacco stemming machines—American Machine & Foundry Co., 5520 2nd av., Brooklyn, N. Y.
STANDARD circular saw mills—Lyon Iron Works, Greene, N. Y.
STANDARD coaster wagons—South Bend Toy Mfg. Co., South Bend, Ind.
STANDARD concrete finishing tools—Standard Tool & Mfg. Co., Indianapolis, Ind.
STANDARD conduit benders—Thomas & Betts Co., 63 Vesey, New York
STANDARD conduit hangers—Yonkers Specialty Co., Yonkers, N. Y.
STANDARD corn harvesters, potato diggers—Ohio Rake Co., Dayton, Ohio
STANDARD corn huskers—U. S. Wind Engine & Pump Co., Batavia, Ill.
STANDARD corn planters—Sheffield Mfg. Co., Burr Oak, Mich.
STANDARD cotton rope—Anniston Cordage Co., Anniston, Ala.
STANDARD countershafts—Diamond Machine Co., Providence, R. I.
STANDARD crayons—Standard Crayon Mfg. Co., Danvers, Mass.
STANDARD cream separators—Blanke Mfg. & Supply Co., 3rd & Wash. av. St. Louis, Mo.
STANDARD door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
STANDARD drop presses—Standard Machinery Co., Providence, R. I.
STANDARD dry batteries—J. H. Bunnell & Co., 32 Park pl., New York
STANDARD electric fuses—Harvard Electric Co., 525 W. Van Buren, Chicago, Ill.
STANDARD emery tool grinders—Diamond Machine Co., Providence, R. I.
STANDARD exhaust heads—Burt Mfg. Co., 40 Main, Akron, Ohio
STANDARD farriers' hammers—Champion Tool Co., Meadville, Pa.
STANDARD feed carriers, hay rack clamps—Louden Machinery Co., Fairfield, Ia.
STANDARD feed water heaters—Frost Mfg. Co., Galesburg, Ill.
STANDARD feed water heaters—Patterson Kelley Co., 26 Cortlandt, New York
STANDARD fire alarms, electric, secondary electric, self-winding, synchronized, & tower clocks, & factory signals—Standard Electric Time Co., Springfield, Mass.
STANDARD fire door fittings—Keystone Fire Door Co., 1231 Irwin av, Pittsburgh, Pa.
STANDARD fire extinguishers—M. L. Snyder & Son, 9 N. 4th, Philadelphia, Pa.
STANDARD fish lines—Ashaway Line & Twine Mfg. Co., Ashaway, R. I.
STANDARD flour sieves—Parker Wire Goods Co., Worcester, Mass.
STANDARD flour sieves—Roseland Can & Specialty Co., Rockford, Ill.
STANDARD flush receptacles, flush plugs—Arrow Electric Co., Hartford, Conn.
STANDARD friction clutch pulleys, machine molded gears—Detroit Standard Gear Co., Detroit, Mich.
STANDARD friction clutch pulleys—Erie Clutch & Pulley Co., Erie, Pa.
STANDARD friction clutches—Peerless Bread Machine Co., Sidney, Ohio
STANDARD garbage receivers—C. H. Stephenson, Lynn, Mass.
STANDARD garden cultivators—R. Herschel Mfg. Co., Peoria, Ill.
STANDARD garden cultivators—Standard Garden Tool Co., Montrose, Ia.
STANDARD gas radiators—American Stove Co., St. Louis, Mo.
STANDARD gasoline engines—Lennox Machine Co., Marshalltown, Iowa
STANDARD gate valves—Capitol Brass Works, Detroit, Mich.
STANDARD gear cutting machines, slotting machines, floor hinges—Standard Mfg. Co., Shelby, Ohio
STANDARD glass cutters—W. L. Barrett, Bristol, Conn.
STANDARD glue—Standard Glue Co., 350 N. Holliday, Baltimore, Md.
STANDARD granulated raw bone compounds—Rogers & Hubbard Co., Middletown, Conn.
STANDARD grate bars—Brunswick Refrigerating Co., New Brunswick, N. J.
STANDARD gymnastic apparatus, metallic lockers, playground & gymnasium equipment—Narragansett Machine Co., Providence, R. I.
STANDARD hand milling machines—Standard Engineering Works, Pawtucket, R. I.
STANDARD hay rack clamps—F. E. Myers & Bro., Ashland, Ohio
STANDARD hot air furnaces, steel ranges—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
STANDARD hot air furnaces, steam heaters—Giblin & Co., Utica, N. Y.
STANDARD incandescent gas burners—Welsbach Co., 1009 Filbert, Phila., Pa.
STANDARD incandescent renewed lamps—Consolidated Electric Lamp Co., Danvers, Mass.
STANDARD insulating compounds & varnishes—Standard Varnish Works, 90 West, New York
STANDARD knitting machine needles—Torrington Co., The Excelsior Plant, successor to Excelsior Needle Co., Torrington, Conn.
STANDARD portable lamp guards—McGill Mfg. Co., Valparaiso, Ind.
STANDARD letter trays—Standard Wire Co., New Castle, Pa.
STANDARD lubricators—G. B. Essex Brass Co., Detroit, Mich.
STANDARD mail boxes—Forest City Foundry & Mfg. Co., 2202 Elm av, Cleveland, Ohio
STANDARD manual training benches—A. L. Bemis, Worcester, Mass.
STANDARD metal polish—Standard Chemical Co., Houston, Texas.
STANDARD moving picture machines—Bell & Howell Co., 1801 Larchmont av., Chicago, Ill.
STANDARD natural gas burners—Standard Heating & Radiator Co., Penn & 3rd, Pittsburgh, Pa.
STANDARD oil cans—Maple City Mfg. Co., Monmouth, Ill.
STANDARD oil rig irons—Union Tool Co., Torrance, Cal.
STANDARD oxide of zinc—New Jersey Zinc Co., 55 Wall, New York
STANDARD packer cans—United States Can Co., Norwood, Cincinnati, Ohio
STANDARD packing—Federal Metallic Packing Co., 48 Hanover, Boston, Mass.
STANDARD packing—Peerless Rubber Mfg. Co., 31 Warren, New York.
STANDARD padlocks—Slaymaker Lock Co., Lancaster, Pa.
STANDARD pan cleaning & greasing machines—Gottschalk & Co., Reedsville, Pa.
STANDARD paper box machinery—Kingsbury & Davis Machine Co., Contoocook, N. H.
STANDARD paper cups—Wolf Bros., 330 N. 12th, Philadelphia, Pa.
STANDARD perforated wall ties—Hamblin & Russell Mfg. Co., Worcester, Mass.
STANDARD pig iron—Standard Iron Co., Nashville, Tenn.
STANDARD pipe wrenches—Oswego Tool Co., Oswego, N. Y.
STANDARD playing cards—Standard Playing Card Mfg. Co., 345 W. Austin av., Chicago, Ill.
STANDARD pneumatic tires—Standard Tire & Rubber Co., 104 Portland, Boston, Mass.
STANDARD portable ventilators—Standard Ventilator Co., Lewisburg, Pa.
STANDARD post hole augers, garden rakes—Standard Auger Co., 57 W. 34th, Chicago, Ill.
STANDARD pruning shears—Smith, Seymour & Son, Oakville, Conn.
STANDARD railway track drills—Aldon Co., 3338 W. Ravenswood av, Chicago, Ill.
STANDARD rifles—Standard Arms Mfg. Co., Church & F., Wilmington, Del.
STANDARD road drags—Galion Iron Works & Mfg. Co., Galion, Ohio
STANDARD road oils, wire rope coating & lubricant, gas engines—Standard Oil Co., of Ohio, Cleveland, Ohio
STANDARD roll shells & solid weldless tires—Standard Steel Works Co., Morris bldg, Philadelphia, Pa.
STANDARD roof snow guards, perforated steel, wall ties—Hamblin & Russell Mfg. Co., Worcester, Mass.
STANDARD rubber cements—St. Louis Rubber Cement Co., 3046 Lambdin av, St. Louis, Mo.
STANDARD rubber gloves—Consumers Rubber Co., Cleveland, Ohio
STANDARD rubber mats—Boston Woven Hose & Rubber Co., Cambridge, Mass.

STANDARD rural mail boxes—W. C. Hopson Co., Grand Rapids, Mich.
STANDARD rural mail boxes—Superior Sheet Metal Works Co., 3201 Roosevelt av, Indianapolis, Ind.
STANDARD sand screens—Jeffrey Mfg. Co., Columbus, Ohio
STANDARD sand sifters—Standard Sand & Machine Co., 5150 St. Clair av, Cleveland, Ohio
STANDARD sash chains—Nicholas Zogg, 228 E. 144th, New York
STANDARD saw gauges—Kantslip Co., Freeport, Mich.
STANDARD saw gummers—Ajax Mfg. Co., N. S., Pittsburgh, Pa.
STANDARD screw drivers—W. A. Ives Mfg. Co., Wallingford, Conn.
STANDARD sewer traps, floor drains, stop & waste cocks, water closets—Prier Brass Mfg. Co., Kansas City, Mo.
STANDARD sheet wheels—National Brass Mfg. Co., Rochester, N. Y.
STANDARD soldering flux—Grasselli Chemical Co., Guardian bldg, Cleveland, Ohio
STANDARD speedometers—Standard Thermometer Co., 65 Shirley, Boston, Mass.
STANDARD spiral riveted pipe—Standard Spiral Pipe Works, 48th & Rockwell, Chicago, Ill.
STANDARD spray pumps—Goulds Mfg. Co., 71 W. Fall, Seneca Falls, N. Y.
STANDARD spray pumps—Standard Stamping Co., Marysville, Ohio
STANDARD spring tooth harrows—Eureka Mower Co., 16 Hickory, Utica, N. Y.
STANDARD stave jointers—Wheland Co., Chattanooga, Tenn.
STANDARD steam superheaters—United Gas Improvement Co., Philadelphia, Pa.
STANDARD steam pipe casings—American District Steam Co., No. Tonawanda, N. Y.
STANDARD steam traps—Kieley & Mueller, 34 W. 13th, New York
STANDARD stove trimmings, stove trucks, cork pullers, mop sticks & holders, nut crackers & picks—Arcade Mfg. Co., Freeport, Ill.
STANDARD stoves—Pittston Stove Co., Pittston, Pa.
STANDARD suction hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
STANDARD take-down squares—Southington Hardware Co., Southington, Conn.
STANDARD tank heaters—Hunt, Helm, Ferris & Co., Harvard, Ill.
STANDARD taper reamers—Brown & Sharpe Mfg. Co., Providence, R. I.
STANDARD time stamps—International Time Recording Co., Endicott, N. Y.
STANDARD tobacco counter cutters—Griswold Mfg. Co., Erie, Pa.
STANDARD toe-calks—Franklin Steel Works, Joliet, Ill.
STANDARD trolley harps & bases—R. D. Nuttall Co., McCandless & Harrison av, Pittsburgh, Pa.
STANDARD tube expanders—Gustav Wiedeke & Co., Dayton, Ohio
STANDARD turpentine—Thomas Sealy, 138 Front, New York
STANDARD turret lathes—Bullard Machine Tool Co., Bridgeport, Conn.
STANDARD valves—Pittsburgh Valve & Fittings Co., Pittsburgh, Pa.
STANDARD varnishes—Standard Varnish Works, 2589 Richmond ter, Elm Park, N. Y.
STANDARD vertical chucking machines—Bullard Machine Tool Co., Bridgeport, Conn.
STANDARD vises—Athol Machine Co., Athol, Mass.
STANDARD wagon skeins—Illinois Iron & Bolt Co., Carpentersville, Ill.
STANDARD water bottle heaters—Meier Dental Mfg. Co., 3927 Olive, St. Louis, Mo.
STANDARD white buffing compositions—Hill & Griffith Co., 1248 State av., Cincinnati, O.
STANDARD wood stains—Yarnall Paint Co., 1020 Race, Philadelphia, Pa.
STANDARD yarn conditioning machines—Alfred Suter, 200 5th av, New York
STANDARD GIANT tack claws & pullers—Browne & Dowd Mfg. Co., Meriden, Conn.
STANDARD SIX electric sad irons—Acme Electric Heater Co., Detroit, Mich.
STANDARD WIELAND threading machines—Standard Engng. Co., Elwood City, Pa.
STANDRY dry batteries—National Carbon Co., Madison av, N. W., & W. 117th, Cleveland, Ohio
STANDCO hollow set screws—Standard Pressed Steel Co., Philadelphia, Pa.
STAND-O-LITE electric desk lights—R. M. Millar Electric Works, 9 S. Clinton, Chicago, Ill.
STANEK reducing motions—Bacharach Industrial Instrument Co., 14 Wood, Pittsburgh, Pa.
STANHOPE rubber packing—National India Rubber Co., Bristol, R. I.
STANLEY air pumps—Bridgeport Brass Co., Bridgeport, Conn.
STANLEY back band buckles, camp stools & box strapping, hinges, garage door hardware—Stanley Works, New Britain, Conn.
STANLEY mops—Stanley H. Coffin, 12 Pearl, Boston, Mass
STANLEY rules & mitre boxes—Stanley Rule & Level Co., New Britain, Conn.
STANLEY, JR. hose nozzles—Boston Woven Hose & Rubber Co., Cambridge, Mass.
STANLEY PROCESS babbitt metal—Syracuse Smelting Works, 192 Diamond, Brooklyn, N. Y.
STANTON hot air furnaces—Stanton Heater Co., Martins Ferry, Ohio
STANVAR floor finish—Standard Varnish Works 2589 Richmond ter, Elm Park, N. Y.
STANWAL insulating tape & rubber heels—Standard Woven Fabric Co., Walpole, Mass.
STANWELD steel tubing—Standard Parts Co., Cleveland, Ohio
STANWOOD safety stair treads—American Mason Safety Tread Co., Lowell, Mass.
STA-ON laundry tags—Merchandise & Laundry Tag Co., 19 Washington, Boston, Mass.
STAONA roofing paints—Wm. T. Baker, 224 Suydam av, Jersey City, N. J.
STAPLE BRAND saddlery hardware, steel & wood hames—Frazer & Jones Co., Syracuse, N. Y.
STAPLES bee-hive furniture polish—H. F. Staples & Co., Medford, Mass.
STAPLEY tire air pumps—Bridgeport Brass Co., Bridgeport, Conn.
STAR A. H. binder twine—Hooven & Allison Co., Xenia, Ohio
STAR artificial stone laundry tubs—J. F. Reilly & Co., San Francisco, Cal.
STAR automobile horn pedals—Star Brass Works Co., Kansas City, Mo.
STAR babbitt metal—Lissberger Marks & Son, 281 Borden av, Long Island City, N. Y.
STAR bale buckles—Baling Tie Buckle Co., Waterloo rd, Cleveland, Ohio
STAR ball retainers, bearings—Bearings Co. of America, Lancaster, Pa.
STAR barn door hangers & latches, cattle stanchions, coaster wagons, hay, feed & merchandise carriers, hay slings & pulleys, rope hoists, screen door pulls, windmill regulators, wire stretchers, tank heaters, corn shock compressors, anvil, shoveling boards, hay carrier trucks—Hunt, Helm, Ferris & Co., Harvard, Ill.
STAR basin clamps—Trenton Brass & Machine Co., Trenton, N. J.
STAR basin clamps—Wolverine Brass Works, Grand Rapids, Mich.
STAR bath room fixtures—Searls Mfg. Co., 29 Mulberry, Newark, N. J.
STAR belt dressing—Chesapeake Belting Co., 823 McKim, Baltimore, Md.
STAR belt dressing—Graton & Knight Mfg. Co., Worcester, Mass.
STAR belt fasteners—Hercules Mfg. Co., 2138 W. Van Buren, Chicago, Ill.
STAR BRAND belt lacing—California Tanning Co., 1905 Shenandoah av, St. Louis, Mo.
STAR belt lacing—Columbia Novelty Co., 1431 N. 8th, St. Louis, Mo.
STAR bicycle pedals—Torrington Co., The Standard Plant, Torrington, Conn.
STAR blotting paper—Richmond Paper Mfg. Co., Richmond, Va.
STAR boiler compounds—Indianapolis Chemical Co., 1444 Madison av, Indianapolis, Ind.
STAR boiler compounds—National Mill Supply Co., Fort Wayne, Ind.
STAR broom holders, rotary flour sieves—Parker Wire Goods Co., Worcester, Mass.
STAR broom holders, self-oiling pulleys—Wrightsville Hardware Co., Wrightsville, Pa.
STAR bucket pumps—Star Bucket Pump Co., 1218 W. 15th, St. Louis, Mo.
STAR butchers' knives—Goodell Co., Antrim, N. H.
STAR calking cotton & sash cords—Estes Mills, Fall River, Mass.
STAR can openers, tack claws & pullers—Browne & Dowd Mfg. Co., Meriden, Conn.
STAR carriage bows, carriage rims, singletrees—Crane & MacMahon, 10 Bridge, New York.
STAR carriage & wagon wheels—P. Lebzelter & Son Co., Lancaster, Pa.
STAR cement—Louisville Cement Co., Louisville, Ky.

STAR centrifugal weighers—Climax Machinery Co., Indianapolis, Ind.
STAR chain hoists, rope sheaves—Boston & Lockport Block Co., 100 Condor, E. Boston, Mass.
STAR chisel grinders—Star Specialty Mfg. Co., 227 W. Erie, Chicago, Ill.
STAR churns—J. McDermaid, Rockford, Ill.
STAR clothes line reels—Feeney Mfg. Co., Muncie, Ind.
STAR clothes washing machines—C. E. Ross, Lincoln, Ill.
STAR cobblers' outfits, heel plates, shoe blacking, foot rests, lasts & stands—Louis Sacks, Inc., Wilson av, Newark, N. J.
STAR conduit benders, lead pipe benders—Hub Electric Co., 1819 Canal av, Chicago, Ill.
STAR copying paper, onion skin paper, silver tissue paper—C. H. Dexter & Sons, Windsor Locks, Conn.
STAR cork board insulation—United Cork Cos., 50 Church, New York
STAR corn planters—J. H. Albright & Sons, Mifflinsburg, Pa.
STAR corn poppers—G. S. Ressler & Son, Lansing, Mich.
STAR corn shellers, hog troughs, stock fountains, stove pipe dampers, tailors' sad irons—Loetscher-Ryan Mfg. Co., Dubuque, Ia.
STAR disc harrows—Ohio Cultivators Co., Bellevue, Ohio.
STAR disc harrows—Parlin & Orendorff Co., Canton, Ill.
STAR disc harrows—Wiard Plow Co., Batavia, N. Y.
STAR engine lathes—Seneca Falls Mfg. Co., Seneca Falls, N. Y.
STAR expansion bolts, anchor bolts, toggle bolts, bridle rings, cable supporting clamps, extension drills, pipe hangers—Star Expansion Bolt Co., 147 Cedar, New York
STAR feed cutters—Gowanda Agricultural Works, Gowanda, N. Y.
STAR foot grinders—Tri-Angle Mfg. Co., Freeport, Ill.
STAR force pumps—Blymyer Iron Works Co., Cincinnati, Ohio
STAR friction clutches, safety cut-off couplings—C. G. Westlund Co., 498 Millbury, Worcester, Mass.
STAR gas engines—Star Mfg. Co., New Lexington, Ohio
STAR gas igniters—Hercules Electric Co., Indianapolis, Ind.
STAR gas & oil stove ovens—I. Block & Son, 393 Pearl, New York
STAR hack saw blades & frames, hack saw machines, kitchen & jewelers' saws, mitre boxes, scroll saws—Millers Falls Co., 28 Warren, New York
STAR hollow augers—Silver Mfg. Co., Salem, Ohio
STAR hopper valves—Crampton-Farley Brass Co., Kansas City, Mo.
STAR horse collar pads—Zinc Collar Pad Co., Buchanan, Mich.
STAR hot water heaters—Star Heating Co., Norwalk, Ohio
STAR incandescent gas burners—Unique Art Glass & Metal Co., 105 Vandeveer, Brooklyn, N. Y.
STAR ironing boards—Chicago Curtain Stretcher Co., 3725 Wall, Chicago, Ill.
STAR knife switches—Barkelew Elec. Mfg. Co., Middletown, Ohio
STAR lawn mowers—Dille & McGuire Mfg. Co., Richmond, Ind.
STAR locknut bushings—Steel City Elec. Co., 1207 Columbus av, Pittsburgh, Pa.
STAR lubricators, gate valves—Wm. Powell Co., Cincinnati, Ohio
STAR lug straps—E. H. Jacob Mfg. Co., Danielson, Conn.
STAR miners' lamps—Geo. T. Anton & Bro., Monongahela, Pa.
STAR miners' lamps—Grier Bros. (Ltd.), 124 3rd av, Pittsburgh, Pa.
STAR mitre boxes—Millers Falls Co., Millers Falls, Mass.
STAR mitre boxes, picture frame machinery—Rockford Mitre Box Co., Rockford, Ill.
STAR mop sticks & holders—Mason Mfg. Co., Perkinsville, Vt.
STAR oil cups—Swift Lubricator Co., Elmira, N. Y.
STAR padlock locks—U. S. Lock & Hdwe. Co., Columbia, Pa.
STAR paper fasteners—American Brass Co., Waterbury, Conn.
STAR phosphor copper & tin—Richards & Co., Inc., 192 Beverly, Boston, Mass.
STAR piano wire—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
STAR pipe vises—Fulton Machine & Vise Co., Lowville, N. Y.
STAR piston rings & brass rivets—U. T. Hungerford Brass & Copper Co., 80 Lafayette, New York
STAR plow coulters—Star Coulter Co., Canton, Ohio
STAR plows—Wm. H. Clore Mfg. Co., Washington, Ind.
STAR post hole augers—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.
STAR potato diggers—D. H. DeShay, Elysburg, Pa.
STAR potato sprayers—Lawrence-Bostwick Mfg. Co., Phelps, N. Y.
STAR radiator shields—J. Rutherford & Son, Akron, Ohio
STAR rat traps—Lovell Mfg. Co., Erie, Pa.
STAR reclaimed rubber—Manufactured Rubber Co., Penna. bldg., Philadelphia, Pa.
STAR roof flanges, soil pipe testing plugs—H. E. Hessler Co., Syracuse, N. Y.
STAR BRAND round belting & belt cements—F. Raniville Co., Grand Rapids, Mich.
STAR rubber buckets—Henry C. Freshour, Bridgeport, Conn.
STAR safety razors—Kampfe Bros., 8 Reade, New York
STAR sash locks—W. & E. T. Fitch Co., New Haven, Conn.
STAR saw sets—Hy. Disston & Sons, Tacony, Philadelphia, Pa.
STAR screw drivers, cultivator hoes—Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y.
STAR seal presses—Sigwalt Mfg. Co., 3658 Armitage, Chicago, Ill.
STAR sewing machine oilers—Hero Mfg. Co., Gaul & Adams, Philadelphia, Pa.
STAR shade cloth—Columbia Mills, Inc., 225 5th av, New York
STAR shoe blacking & polishes—Whittemore Bros. Corp., Cambridge, Mass.
STAR sickel grinders—Clizbe Bros. Mfg. Co., Plymouth, Ind.
STAR soil pipe testing plugs—H. E. Hessler, Syracuse, N. Y.
STAR soldering & paste—McGill Mfg. Co., 77 Oak, Valparaiso, Ind.
STAR speedometers—Star Speedometer Co., Milton, Pa.
STAR spelter—Kahn Bros., 785 Humboldt, Brooklyn, N. Y.
STAR spiral springs—Columbian Hardware Co., Cleveland, Ohio
STAR spring tooth harrows—Gale Mfg. Co., Albion, Mich.
STAR steak pounders—Nicol & Co., 218 N. Jefferson, Chicago, Ill.
STAR steam gauges, steam engine indicators, pop safety valves—Star Brass Mfg. Co., 108 E. Dedham, Boston, Mass.
STAR steam heaters, water tube boilers—Harrisburg Mfg. & Boiler Co., Harrisburg, Pa.
STAR steel tanks & towers, wood sawing machines—Flint & Walling Mfg. Co., Kendallville, Ind.
STAR step ladders—S. A. Smith Mfg. Co., Brattleboro, Vt.
STAR step ladders—Union Blind & Ladder Co., Oakland, Cal.
STAR stove pipe thimbles—E. C. Stearns & Co., 450 Oneida, Syracuse, N. Y.
STAR stove pokers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
STAR stoves—Bellaire Stove Co., Bellaire, Ohio
STAR switch stands—Pettibone, Mulliken & Co., Marquette bldg., Chicago, Ill.
STAR tack claws & pullers—W. G. Browne Mfg. Co., Kingston, N. Y.
STAR tank heaters—B. F. Freeland Sons Co., Sturgis, Mich.
Star tinners' snips—Acme Shear Co., Bridgeport, Conn.
STAR tire upsetters—Champion Blower & Forge Co., Lancaster, Pa.
STAR tobacco cutters—Griswold Mfg. Co., Erie, Pa.
STAR typewriter ribbons—F. S. Webster Co., 340 Congregational, Boston, Mass.
STAR ventilators—Merchant & Evans Co., 2035 Washington av, Philadelphia, Pa.
STAR wall plaster—New Albany Wall Plaster Co., New Albany, Ind.
STAR water filters—Wm. Welsh, 2733 Arbor av, Hyde Park, Cincinnati, Ohio
STAR weatherproof wire—American Electrical Works, Phillipsdale, R. I.
STAR white metal compositions—E. Reed Burns, 27 Jackson, Brooklyn, N. Y.
STAR wood faucets—John Sommer Faucet Co., 355 Central av, Newark, N. J.

STAR-CLEAN carriage top dressing—Alder Chemical Co., Mount Vernon, N. Y.
STAR COLONEL golf balls—St. Mungo Mfg. Co., 121 Sylvan av, Newark, N. J.
STAR 91 steel handle wrenches—Coes Wrench Co., Worcester, Mass.
STAR DUPLEX locomotive lubricators—Wm. Powell Co., Cincinnati, Ohio
STAR OAK stoves—Fox Furnace Co., Elyria, Ohio
STAR-PEERLESS flour bin & sifter—Iddings Co., Warren, Ohio
STAR POLISHER sad irons—Enterprise Mfg. Co., of Pa., Phila., Pa.
STAR POST caps & bases—A. M. Castle & Co., 1300 N. Branch, Chicago, Ill.
STAR QUALITY sad irons—W. H. Howell Co., Geneva, Ill.
STAR RANGE boilers—Detroit Range Boiler Co., 619 24th, Detroit, Mich.
STARALINE metal Polish—Rath Mfg. Co., Headley & Richmond, Philadelphia, Pa.
STARBUCK pipe bending springs, pipe nipple holders —R. M. Starbuck & Sons, Hartford, Conn.
STA-RITE friction clutches—Secord & Orr Co., Jackson, Mich.
STAR-ITE varnish—Adams & Elting Co., 726 Washington, Chicago, Ill.
STARK car couplers—Stark Car Coupler Corp., Strasburg, Va.
STARK lathes, milling machines, damasking machines, pinion polishing machines, reamer grinders—Stark Tool Co., Waltham, Mass.
STAR QUICK SHIFT steel anti-rattlers—Evans & Coppins Co., Princeton, Ill.
STARR automobile tire holders—Starr Bros. Bell Co., East Hampton, Conn.
STARRETT vises—Athol Machine Co., Athol, Mass.
STARRETT'S fine tools—L. S. Starrett Co., 212 Vine, Philadelphia, Pa.
STARRETTS IMPROVED machinists' vises—Athol Machine Co., Athol, Mass.
STAR SPECIAL PLANER round belting—F. Raniville Co., Grand Rapids, Mich.
STATESMAN bath tub enamels, dust absorbing floor oils, radiator enamels—Chas. H. Brown Paint Co., 188 Montague, Brooklyn, N. Y.
STA-THERE battery connectors—Manhattan Electrical Supply Co., 17 Park pl, New York
STA-TITE piston rings—Sta-Tite Packing Ring Co., 3049 Olive, St. Louis, Mo.
STAUFFER grease cups—McNab & Harlin Mfg. Co., 55 John, New York
STAVELCO arc lamps—Stave Theo., 30 Church, New York
STAWANA gang plows—Racine-Sattley Co., Springfield, Ill.
STAY-IN flue stops—Peoria Can Co., Peoria, Ill.
STAYON barn door hangers—F. E. Myers & Bro., Ashland, Ohio
STAY ON feed carriers—Automatic Carrier Co., Juneau, Wis.
STAY ON horse blankets—Burlington Blanket Co., Burlington, Wis.
STAY THERE fire & waterproof paints—Hardie Mfg. Co., Hudson, Mich.
STEADFAST roofing composition & felts—Flintkote Co., 88 Pearl, Boston, Mass.
STEARNS hollow augers—Buckeye Mfg. & Foundry Co., 2046 W. 55th, Cleveland, Ohio
STEARNS lawn mowers, lawn sprinklers, molders' flasks, hog ringers, blacksmiths' tongs, vises, bone mills & hollow augers, saw sets, mitre boxes, door & sash clamps—E. C. Stearns & Co., 450 Oneida, Syracuse, N. Y.
STEBBINS molasses gates—Taylor & Boggis Foundry Co., Cleveland, Ohio
STEBBINS molasses gates—Weller Hardware & Foundry Co., Horsehead, N. Y.
STEBBINS pyrites & sulphur burners—Stebbins Engineering & Mfg. Co., Watertown, N. Y.
STEEL-AGE medicine cabinets—Corry Metal Products Co., Corry, Pa.
STEEL bond sanitary flooring—Franklyn R. Muller & Co., Waukegan, Ill.
STEEL CITY junction boxes—Steel City Electric Co., 1207 Columbus av, Pittsburgh, Pa.
STEEL GIANT equalizers—E. B. Adams & Son, Racine, Wis.
STEEL KING bottom dump wagons—F. MacKinnon Mfg. Co., Grand Rapids, Wis.
STEEL KING concrete mixers—American Cement Machine Co., Keokuk, Ia.
STEEL KING cultivators—Donaldson Bros., Mt. Clemens, Mich.
STEEL KING self dumping rakes—Messinger Mfg. Co., Tatamy, Pa.
STEEL KING sulky hay rakes—Ohio Rake Co., Dayton, Ohio
STEEL KING tractors—Hart-Parr Co., Charles City, Ia.
STEEL-KOTE paints—Schoellkopf, Hartford & Hanna Co., Buffalo, N. Y.
STEEL KUT coffee mills—Hamilton-Beach Mfg. Co., Racine, Wis.
STEEL STATE padlocks—Slaymaker Lock Co., Lancaster, Pa.
STEEL-EYE filing envelopes—Geo. B. Groff Co., 294 Washington, Boston, Mass.
STEELBOUND cork mats—La Porte Mat & Mfg. Co., La Porte, Ind.
STEELCOTE asphalt roofing—A. H. White Co. Ltd., Howard, Venus, Miro & Tonti, New Orleans, La.
STEELCRETE expanded metal lath, plasters, steel corner beads—Consolidated Expanded Metal Co.'s, Braddock, Pa.
STEELE grate bars—Salamander Grate Bar Co., 126 Liberty, New York
STEELE HARVEY annealing, assayers', bullion, case hardening, melting, reducing, refining, reheating, turning & welding furnaces—Monarch Engineering & Mfg. Co., American Bldg., Baltimore, Md.
STEELEX ball valve seats—Chas. N. Hough Mfg. Co., Franklin, Pa.
STEELMARK crayons—Zelnicker Crayon Works, St. Louis, Mo.
STEEL MIXTURE brick—McLeod & Henry Co., 360 1st, Troy, N. Y.
STEEL PRESSURE exhaust fans—B. F. Sturtevant Co., 15 Damon, Hyde Park, Mass.
STEEL'S grate bars—Richard Thompson & Co., 126 Liberty, New York
STEEL WHITE kitchen cabinets—Steel White Co., Jamestown, N. Y.
STEER BRAND leather belting—Joseph Meier's Sons, 306 Market, Newark, N. J.
STEER'S PATENT expansive bits—C. E. Jennings & Co., 71 Murray, New York.
STEERSTOCK belting—Olmstead-Flint Co., 32 Water, Lawrence, Mass.
STEINBRUNN boring bars—Diamond Specialty Co., 1225 Arch, Phila., Pa.
STEINER electric coffee mills, motor-driven washing machines—Steiner Mfg. Co., 4100 N. 21st, St. Louis, Mo
STEINFELD meat & food choppers, sleds & steering coasters, ironing boards, hammocks, glass canister—Steinfeld Bros., 116 W. 32nd, New York
STEINFELD window screens—Geneva Mfg. Co., Geneva, Ill.
STEINMANN automobile engine valve grinders—Steinmann Electric Grinder Co., Inc., 42 Southbridge, Worcester, Mass.
STEIN'S exhaust heads—G. Irving Abendroth Co., 10 E. 43d, New York
STEITZ potato sprayers—Stevens Mfg. & Foundry Co., Decatur, Ill.
STEK-O powder size—Clark Paper & Mfg. Co., Rochester, N. Y.
STELLAR kerosene lamp burners—Edw. Miller & Co., Meriden, Conn.
STEMPAK packing—Goetze Gasket & Packing Co., New Brunswick, N. J.
STEM-TITE packing—Metric Packing Co., Buffalo, N. Y.
STENGEL bed & furniture casters—Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
STENOTYPE shorthand typewriters—Stenotype Co., Indianapolis, Ind.
STEPHAN belt dressing—Desmond-Stephan Mfg. Co., Urbana, Ohio
STEPHENS linemen's climbers—Wilmot Stephens, Binghamton, N. Y.
STEPHEN'S machinists' vises—G. M. Yost Mfg. Co., Meadville, Pa.
STEPHENS ratchet wrenches—Burgess-Norton Mfg. Co., Geneva, Ill.
STEPHENSON BAR belt dressing—Stephenson Mfg. Co., Albany, N. Y.
STEPHENSON bolts, nuts & rivets—Wine Railway Appliance Co., Toledo, Ohio
STEPHENSON cans, bathroom fixtures, dry earth closets, tumbler holders, pumping outfits—C. F. Stephenson, Lynn, Mass.
STEPHENSON rope dressing—Stephenson Mfg. Co., Albany, N. Y.
STERLING air economizers, air reheaters—Sterling Equipment Co., 139 N. Clark, Chicago, Ill.
STERLING automobile springs—Sterling Spring Co., 2148 Scranton rd, Cleveland, Ohio
STERLING barn door hangers—Lawrence Bros., Sterling, Ill.

STERLING barrows, sterling carts, trucks, molders' flasks, sprue boxes—Sterling Wheelbarrow Co., Milwaukee, Wis.
STERLING battery meters—Sterling Mfg. Co., Blackstone bldg, W. 3d, Cleveland, Ohio
STERLING blotting paper—Standard Paper Mfg. Co., Hull & Canal, Richmond, Va.
STERLING borax, boric acid—Thorkllsden-Mather Co., 111 W. Monroe, Chicago, Ill.
STERLING carpet sweepers—Metal Stampings Corp., Streator, Ill.
STERLING coffee & spice mills—Wrightsville Hardware Co., Wrightsville, Pa.
STERLING cordage & twine—American Mills Co., Atlanta, Ga.
STERLING core oils, core oil compounds—Sterling Oil Co., Emlenton, Pa.
STERLING corn & cob mills, clod crushers, fertilizer distributors, seeders & sowers, potato diggers—Sterling Mfg. Co., Sterling, Ill.
STERLING corrugated metal culverts—Galion Iron Works & Mfg. Co., Galion, Ohio
STERLING cotton hose—Mechanical Rubber Co., 73 Reade, New York
STERLING electric car brakes, sand boxes—Lord Mfg. Co., 105 W. 40th, New York
STERLING emery wheel dressers—Diamond Saw & Stamping Works, 357 7th, Buffalo, N. Y.
STERLING exhaust heads, ball joints, countershafts, journal boxes, ventilators—Sterling Blower & Pipe Mfg. Co., Hartford, Conn.
STERLING family funnels, fry pans, milk dippers—Central Stamping Co., 172 Fulton, New York
STERLING farm wagons—Abingdon Wagon Co., Abingdon, Ill.
STERLING flushing valves—Sterling Valve Co., Springfield, Mass.
STERLING foundry trucks—Sterling Wheelborrow Mfg. Co., Milwaukee, Wis.
STERLING fountain pens—Davidson Rubber Co., Boston, Mass.
STERLING garbage destructors—Griscom-Russell Co., 92 West, New York
STERLING garden hose reels—Cardington Cabinet Co., Cardington, Ohio
STERLING grain car loaders—H. W. Caldwell & Son Co., 17th & Western av, Chicago, Ill.
STERLING grindstones—Cleveland Stone Co., Leader-News bldg, Cleveland, Ohio
STERLING hack saw blades & frames, hack saw machines—Diamond Saw & Stamping Works, 357 7th, Buffalo, N. Y.
STERLING harness snaps—Covert Mfg. Co., Troy, N. Y.
STERLING hay carriers, sickel grinders—Whittaker Mfg. Co., 509 W. Monroe, Chicago, Ill.
STERLING hot air furnaces, coal & gas combination ranges—Sill Stove Works, Rochester, N. Y.
STERLING incandescent electric lamps—Sterling Electric Lamp Works of G. E. Co., Warren, Ohio
STERLING ink erasers—Turner Bros., 1022 Arch, Phila., Pa.
STERLING interior conduits—Safety Armorite Conduit Co., West Pittsburgh, Pa.
STERLING lampwicks—Estes Mills, Fall River, Mass.
STERLING lawn mowers—American Lawn Mower Co., Muncie, Ind.
STERLING levelers, transits—Warren-Knight Co., 136 N. 12th, Phila., Pa.
STERLING meat & food choppers, slicing machines—N. R. Streeter & Co., Rochester, N. Y.
STERLING oil engines, pumping jacks—Charter Gas Engine Co., Sterling, Ill.
STERLING oil & grease cup lubricators—Wm. Powell Co., Cincinnati, O.
STERLING oil & grease cups—Sterling Machine & Stamping Co., Wellington, Ohio
STERLING oxide of zinc—New Jersey Zinc Co., 55 Wall, New York
STERLING packing—A. W. Chesterton Co., 64 India, Boston, Mass.
STERLING packing—Empire Tire & Rubber Corp., East Trenton, N. J.
STERLING packing—G. W. Knowlton Rubber Co., 60 Pearl, Boston, Mass.
STERLING printing presses—Printing Machinery Co., 3d & Lock, Cincinnati, Ohio
STERLING propeller wheels—Sterling Engine Co., Buffalo, N. Y.
STERLING rail saws—Diamond Saw & Stamping Works, Buffalo, N. Y.
STERLING razor stroppers—Samuel Kanner, 556 Broadway, New York
STERLING round cornering machines—Southworth Machine Co., Portland, Me.
STERLING rubber hose—Peerless Rubber Mfg. Co., 31 Warren, New York
STERLING rubber tires, horse shoe pads—Rutherford Rubber Co., Rutherford, N. J.
STERLING silver polish—Miller Bros. & Co., 894 Broadway, New York
STERLING steam traps—Templeton Mfg. Co., Boston, Mass.
STERLING tack claws & pullers—Browne & Dowd Mfg. Co., Meriden, Conn.
STERLING tack claws & pullers—W. G. Browne Mfg. Co., Kingston, N. Y.
STERLING typewriter ribbons—E. A. Brecher & Co., 119 Lafayette, New York
STERLING universal joints—Bearings Co. of America, Lancaster, Pa.
STERLING vacuum cleaners—Sterling Vacuum Cleaner Co., Worcester, Mass.
STERLING valve re-seating machines—Adam A. Long, Rochester, N. Y.
STERLING veneered doors—Roddis Lumber & Veneer Co., Marshfield, Wis.
STERLING water gauges—Williams Gauge Co., 545 4th av, Pittsburgh, Pa.
STERLING water tube expanders—Gustav Wiedeke & Co., Dayton, Ohio
STERLING wrenches, slip joint pliers—Frank Mossberg Co., Attleboro, Mass.
STERLING NO-RIVET damper clips—Meister & Cochran, Sterling, Ill.
STERLING NO-RIVET damper clips, step ladder stools—Sterling Foundry Co., Sterling, Ill.
STERLINGWORTH brake beams—Chicago Railway Equipment Co., 1928 W. 46th, Chicago, Ill.
STERNOID moulded insulation—Dickinson Mfg. Co., Springfield, Mass.
STERNO-CONDENSITE moulded insulation—Dickinson Mfg. Co., Springfield, Mass.
STETSON chair tips—Elastic Tip Co., 370 Atlantic av, Boston, Mass.
STETSON drill chucks—Morse Twist Drill & Machine Co., New Bedford, Mass.
STETTINER'S cement—H. Marquardt & Co., 35 S. William, New York
STEUBEN step ladders—W. W. Babcock Co., Bath, N. Y.
STEVENS can filling machines—Ayars Machine Co., Salem, N. J.
STEVENS fertilizer distributors, seeders & sowers—Belcher & Taylor Agrl. Tool Co., Chicopee Falls, Mass.
STEVENS mine cages, mine ventilating fans—Mineral Ridge Mfg. Co., Mineral Ridge, Ohio
STEVENS plumbago stoppers—Frederick B. Stevens, 3rd & Larned, Detroit, Mich.
STEVENS potato planters—Stevens Mfg. & Foundry Co., Decatur, Ill.
STEVENS water level recorders—Leupold & Voelpel, Portland, Ore.
STEVENS' KING can filling machines—Sprague Canning Machinery Co., 222 N. Wabash av, Chicago, Ill.
STEWARD'S DOLAN acetylene gas burners—D. M. Stewart Mfg. Co., Chattanooga, Tenn.
STEWART bumpers & speedometers—Stewart-Warner Speedometer Corp., 1826 Diversey P'kway, Chicago, Ill.
STEWART butter printing & cutting machines—American Butter Cutting Machine Co., Elmsford, N. Y.
STEWART carbureters—Detroit Lubricator Co., 1178 Trumbull av, Detroit, Mich.
STEWART core compounds—Delevan Mfg. Co., 65 Delevan, Brooklyn, N. Y.
STEWART gas ranges & laundry stoves—Fuller & Warren Co., Troy, N. Y.
STEWART hot air furnaces, stoves, gas ranges—Fuller-Warren Co., Milwaukee, Wis.
STEWART jigs for coal washeries—Link-Belt Co., 39th & Stewart av, Chicago, Ill.
STEWART melting furnaces, sheep clipping machines & gas blast forges—Chicago Flexible Shaft Co., 5600 W. 12th, Chicago, Ill.
STEWART safety pins—Consolidated Safety Pin Co., Bloomfield, N. J.
STEWART tailors' gas irons—Central Flatiron Mfg. Co., Johnson City, N. Y.
STEWART OAK stoves—Fuller & Warren Co., Troy, N. Y.
STEWART'S talking machines—Stewart Phonograph Corp., 2843 N. Lincoln, Chicago, Ill.
STICKERS cement coated wire nails—Howard W. Middleton Co., 945 Ridge av, Phila., Pa.
STICKLE feed water heaters & purifiers, steam traps, vacuum valves—Open Coil Heater & Purifier Co., Indianapolis, Ind.

STICK-TITE bow separators—Iroquois Auto Top Co., Utica, N. Y.
STICK-TO iron & steel cements—A. Wilhelm Co., Reading, Pa.
STIKEMAN metallic library shelving—Geo. Stikeman, 114 W. 32nd, New York
STILES dry measures—Ferris Mfg. Co., Cincinnati, Ohio
STILES toilet paper holders—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
STILLBECH fire extinguishers, alarms, hose connectors, expansion joints, unions, hydraulic valves—New York Brass Foundry Co., 104 Centre, New York
STILLMAN-CARMICHAEL damper regulators—Stillman-Carmichael Co., 19 Pearl, Boston, Mass.
STILLSON pipe vises—Parmelee Tool Co., 2515 W. Monroe, Chicago, Ill.
STILLSON pipe & automobile wrenches—Oswego Tool Co., Oswego, N. Y.
STILLSON pipe wrenches—Walworth Mfg. Co., Boston, Mass.
STILLSON pipe wrenches—F. E. Wells & Son Co., Greenfield, Mass.
STILLWELL feed water heaters—Platt Iron Works Co., Dayton, Ohio
STIMPSON scales—Stimpson Scale & Electric Co., Northville, Mich.
STIMPSON'S dovetail machines—Goodspeed Machine Co., Winchendon, Mass.
STIRLING water tube boilers—Babcock & Wilcox Co., 85 Liberty, New York
STOCKTON gang plows—H. C. Shaw Co., Stockton, Cal.
STOCO safety goggles—Standard Optical Co., Geneva, N. Y.
STODDARD tire & axle shrinkers—Illinois Iron & Bolt Co., Carpentersville, Ill.
STOEVER pipe cutting & threading machines—Treadwell Engng. Co., Easton, Pa.
STOKES carbureter—Nelson Tool Co., Inc., 782 E. 142nd, New York
STOKES hospital stretchers—Kny-Scheerer Co., 404 W. 27th, New York
STOKSET air valves—Bogardus-Nelson Co., Marshalltown, Ia.
STONE shock absorbers—Universal Rim Co., 1502 S. Michigan av, Chicago, Ill.
STONE wool dryers—James Hunter Machine Co., N. Adams, Mass.
STONEMETZ printing machinery—Challenge Machinery Co., Grand Haven, Mich.
STONEWALL cotton plows, sugar cane mills—S. R. White's Sons, Norfolk, Va.
STOPA LEAK pipe joint cements—W. T. Baker, 224 Suydam av, Jersey City, N. J.
STOPEHAMMER pneumatic drills—Ingersoll-Rand Co., 11 B'way, New York
STOP LEAK roofing cements—Jones Paint Co., Rome, N. Y.
STORIE brass valves—Scully Iron & Steel Co., 2554 S. Ashland av, Chicago, Ill.
STORM KING door hangers—Safety Door Hanger Co., Ashland, Ohio
STORM KING hot air furnaces—Roberts-Hamilton Co., Minneapolis, Minn.
STORM KING hot air furnaces—Union Stove Works, 70 Beekman, New York
STORMPROOF barn door hangers—National Mfg. Co., Sterling, Ill.
STORMTIGHT asphalt fibre roofing—L. Sonneborn Sons, 262 Pearl, New York
STOVER bone mills—Stover Mfg. Co., Freeport, Ill.
STOVER gasoline engines—Stover Engine Works, Freeport, Ill.
STOWELL car door hangers & hay fork pulleys—Stowell Co., So. Milwaukee, Wis.
STRAIGHT PUSH sash operating device & ventilating apparatus—G. Drouve Co., 40 Tulip, Bridgeport, Conn.
STRAIGHTLINE electric bells—P R Mfg. Co., Detroit, Mich.
STRAITEDGE plasters' steel corner beads—Clark Caster Co., Plainville, Conn.
STRAIT'S tractors—Killen-Strait Mfg. Co., Appleton, Wis.
STRAND flexible shafts—R. G. Haskins, 547 W. Washington blvd, Chicago, Ill.
STRAND gas heaters—Strand Heater & Mfg. Co., 7804 Wade Park, Cleveland, Ohio
STRATTON steam & air separators—Griscom-Russell Co., 92 West, New York
STRATTON LEVEL CO. levels—Goodell-Pratt Co., Greenfield, Mass.
STRAUSS diamond edge ice skates—J. E. Strauss, St. Paul, Minn.
STREATOR carpet sweepers—Metal Stamping Corp., Streator, Ill.
STREET locomotive stokers—Locomotive Stoker Co., Schenectady, N. Y.
STREETER blind fasteners—Parker Wire Goods Co., Worcester, Mass.
STREETER pipe plugs—Norwood Engng. Co., Florence, Mass.
STREETER'S can openers—N. R. Streeter & Co., Rochester, N. Y.
STREETER'S steel window frame—Streeter Clip & Specialty Co., 4101 Ravenswood av, Chicago, Ill.
STREICH farm wagons—A. Streich & Bro. Co., Oshkosh, Wis.
STRICKLER door hangers, feed carriers, grapple forks, hay slings, hay carriers—Strickler Hay Tool Co., Janesville, Wis.
STRIET pulley turning lathes—Cincinnati Pulley Machinery Co., Covington, Ky.
STROM clamp frogs—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.
STROMBERG carbureters—Stromberg Motor Devices Co., 64 E 25th, Chicago, Ill.
STRONG diamond holders—Montgomery & Co., 105 Fulton, New York
STRONG pump governors, steam separators, steam traps, engine stops, pressure regulators, valves—Strong, Carlisle & Hammond, 336 Frankfort av, N. W., Cleveland, Ohio
STRONG'S packing, packing hooks, gaskets, lubricating oils & greases, rubber valves—Strong Machinery & Supply Co., 21 Walker, New York
STRONG'S AQUAPROOF hydraulic packing—Strong Machinery & Supply Co., 21 Walker, New York
STRONG'S BEST packing flax—Strong Machinery & Supply Co., 21 Walker, New York
STRONG'S EXCELSIOR packing sticks—Strong Machinery & Supply Co., 21 Walker, New York
STRONG'S E-Z-E-E lubricating oils & greases—Strong Machinery & Supply Co., 21 Walker, New York
STRONG'S I. O. P. valve discs—Strong Machinery & Supply Co., 21 Walker, New York
STRONG'S RIVALITE metallic packing—Strong Machinery & Supply Co., 21 Walker, New York
STRONG'S SPECIALTY chisels—Strong Machinery & Supply Co., 21 Walker, New York
STRONG'S TISAFINE belting, packing, machine wipers—Strong Machinery & Supply Co., 21 Walker, New York
STRONG'S VERI BEST ring & spiral packing—Strong Machinery & Supply Co., 21 Walker, New York
STRONG UTILITY flange wrenches—Strong, Carlisle & Hammond Co., 336 Frankfort av, N. W., Cleveland, Ohio
STRONGHOLD rubber tires & inner automobile tubes—Rubber Products Co., Barberton, Ohio
STROUD coal dust burners—E. H. Stroud & Co., 928-934 Fullerton av, Chicago, Ill.
STROUD plows, wagons, road levelers—Thos. Stroud & Co., Omaha, Nebr.
STROUS belt dressing—Savannah Supply Co., Savannah, Ga.
STRUCTO toys—Structo Mfg. Co., Freeport, Ill.
STRUTHERS pig iron—Struthers Furnace Co., Citizens' bldg, Cleveland, Ohio
STUART two pressure operating valves—Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.
STUBBS gasoline burners—Incandescent Light & Stove Co., Marburg av & B. & O. R. R., Cincinnati, Ohio
STUBBS reels—Wm. Firth, 200 Devonshire, Boston, Mass.
STUBBS road scrapers—Mechanical Mfg. Co., Union Stock Yards, Chicago, Ill.
STUCKI side bearings—A. Stucki, Oliver bldg, Pittsburgh, Pa.
STUCKOTE waterproofing materials—National Roofing Co., Tonawanda, N. Y.
STUCOLOR paints—Glidden Varnish Co., 1755 W. Madison, Cleveland, Ohio
STUDEBAKER wagons—Studebaker Corp., South Bend, Ind.
STUHL oil & gasoline pumps—A. C. Kraft, 323 W. Lake, Chicago, Ill.
STUNNER peanut roasters—Bartholomew Co., Peoria, Ill.
STURTEVANT blowers, dryers-carpet, paper, cotton hair, warp, etc., fans, engines, steam turbines, steam traps, generating sets, electric & airplane engines, vacuum cleaners—B. F. Sturtevant Co., 15 Damon, Hyde Park, Mass.
STURTEVANT vacuum cleaners—Western Electric Co., 463 West, New York
STURTEVANT READY TO RUN portable ventilating sets—B. F. Sturtevant Co., 15 Damon, Hyde Park, Mass.

STUTZMAN fruit evaporators—Stutzman Mfg. Co., Ligonier, Ind.
STYLE A ironing machines—Adams Laundry Machinery Co., Troy, N. Y.
STYRIAN tool steel—Houghton & Richards, 145 Oliver, Boston, Mass.
SUBERIT cork washers—Armstrong Cork Co., Pittsburgh, Pa.
SUBLIME white lead basic sulphate, blue lead—The Eagle Picher Lead Co., 208 S. La Salle, Chicago, Ill.
SUBMARINE soap powders—J. T. Kenny & Co., St. Paul, Minn.
SUCCESS ash & garbage cans, lawn clothes dryers—Success Mfg. Co., Gloucester, Mass.
SUCCESS boiler compounds & tube cleaners—Chas. Nuhring & Bros., 1212 Walnut, Cincinnati, Ohio
SUCCESS bottle filling machines—Federal Brass Works, 3100 S. Kedzie, Chicago, Ill.
SUCCESS bridle bits—Fernald Mfg. Co., North East, Pa.
SUCCESS bridle bits—Wm. Van Arsdale, Racine, Wis.
SUCCESS bucket and tank spray pumps—Deming Co., Salem, Ohio
SUCCESS carriage fasteners—C. Cowles & Co., New Haven, Conn.
SUCCESS clippers—Coates Clippers Mfg. Co., Worcester, Mass.
SUCCESS corn huskers—Maytag Co., Newton, Ia.
SUCCESS cream separators, fireless cookers—Deshler Mail Box Co., Deshler, Ohio
SUCCESS foot power grinders—Buffalo Specialty Co., 375 Ellicott, Buffalo, N. Y.
SUCCESS gasoline engines—Leavitt Mfg. Co., Urbana, Ill.
SUCCESS grain graders—Success Seed Graders Co., Spokane, Wash.
SUCCESS hame fasteners—O. B. North & Co., New Haven, Conn.
SUCCESS hame fasteners—North & Judd Mfg. Co., New Britain, Conn.
SUCCESS harrow carts—Moline Plow Co., Moline, Ill.
SUCCESS & KANT BLO OFF soot blowers—Chas. Nuhring & Bro., 1212 Walnut, Cincinnati, Ohio
SUCCESS lawn sprinkler—Deming Co., Salem, Ohio
SUCCESS manure spreaders—Marseilles Co., East Moline, Ill.
SUCCESS packing—Peerless Rubber Mfg. Co., 31 Warren, New York
SUCCESS plows—Parlin & Orendorff Co., Canton, Ill.
SUCCESS ranges—Huenefeld Co., Cincinnati, O.
SUCCESS tread horse powers—Appleton Mfg. Co., Batavia, Ill.
SUCCESS vacuum cleaners—Hutchinson Mfg. Co., Wilkinsburg, Pa.
SUCCESS water gauges—Williams Gauge Co., 543 4th av, Pittsburgh, Pa.
SUCCESS wire poultry netting—Indiana Steel & Wire Co., Muncie, Ind.
SUCCESS wire stretchers—Hohulin Bros., Goodfield, Ill.
SUCCESS wood pulp grinders—Appleton Machine Co., Appleton, Wis.
SUCCESSFUL incubators & brooders—Des Moines Incubator Co., Des Moines, Ia.
SUCKER STATE grain drills, disc harrows, stalk cutters—Hayes Pump & Planter Co., Galva, Ill.
SUCTION back shaving mirrors—F. C. Shuman Co., 168 N. Michigan av, Chicago, Ill.
SU-DIG plug ignition—Superior Motor Power Co., 135 5th av., New York
SULFOL castor oils—E. F. Houghton & Co., 240 W. Somerset, Phila., Pa.
SUEZ double-acting pumps—Crestline Mfg. Co., Crestline, Ohio
SUGG-LETHEBY photometers—American Meter Co., 3112 N. 17th, Phila., Pa.
SULLIVAN baling presses, gadders & pneumatic drills—Sullivan Machinery Co., Peoples Gas bldg., Chicago, Ill.
SULLIVAN roving cans—American Vulcanized Fibre Co., 504 Equitable bldg, Wilmington, Del.
SULLIVAN roving cans—Diamond State Fibre Co., Elsmere, Del.
SULLIVAN shuttle guards—Draper Corp., Hopedale, Mass.
SULLIVAN'S castor machine oils—L. Sonneborn Sons, 262 Pearl, New York
SULLIVAN'S cutting & drilling compounds & castor oil machines—Sullivan Oil Co., 413 Wells, Chicago, Ill.
SULLIVAN'S ECONOMIC belt dressing, boiler compounds—Sullivan Oil Co., 413 Wells, Chicago, Ill.
SULTAN hoists—Whitman Agricultural Works Co., 7000 S. Broadway, St. Louis, Mo.
SULTAN rug fasteners—Saml. Donchian Rug Co., Hartford, Conn.
SUMMER GIRL oil stoves—Taylor & Boggis Fdry. Co., Cleveland, Ohio
SUMMERS dump cars—Summers Steel Car Co., Pittsburgh, Pa.
SUMMERS harness awls—Lawton & Bushman, Burlington, Wis.
SUMMIT carbon paper, typewriter ribbons—Union Ribbon and Carbon Co., Front & Laurel, Phila., Pa.
SUMMIT precision lathes—Summit Machine Works, Worcester, Mass.
SUMMIT stoves—Summit Fdy. Co., Geneva, N. Y.
SUMTER magnetos—Sumter Electrical Co., 1466 Michigan av, Chicago, Ill.
SUMTER packing—General Asbestos Rubber Co., Charleston, S. C.
SUN apple slicing machinery—Boutell Mfg. Co., Rochester, N. Y.
SUN carpet sweepers—Sun Mfg. Co., Columbus, Ohio
SUN clothes washing machines—Blackstone Mfg. Co., Jamestown, N. Y.
SUN cordage & twine—American Mills Co., Atlanta, Ga.
SUN dry batteries—Stackpole Carbon Co., St. Marys, Pa.
SUN gasoline stoves, oil stoves & heaters, wall torches—Detroit Foundry & Mfg. Co., Detroit, Mich.
SUN ironing boards—Chicago Curtain Stretcher Co., 3725 Wall, Chicago, Ill.
SUN lamp burners—Edw. Miller & Co., Meriden, Conn.
SUN radiators—U. S. Radiator Corp., Detroit, Mich.
SUN tire setters—D. H. Potts, Lancaster, Pa.
SUNBEAM incandescent electric lamps—Western Incandescent Lamp Works of G. E. Co., 500 S. Clinton, Chicago, Ill.
SUNBEAM incandescent electric lamps — Western Electric Co., 463 West, New York
SUN BEAM lawn mowers—Chadborn & Caldwell Mfg. Co., Newburgh, N. Y.
SUN BRIGHT metal polish, furniture polish—Patton Paint Co., Milwaukee, Wis.
SUN BURNT cover paper—Hampden Glazed Paper & Card Co., Holyoke, Mass.
SUN BURST alcohol stoves—Thos. W. Houchlin Co., 36 E. 12th, New York
SUN BURST vault & sidewalk lights—Sun-Burst Prism Co., Phila., Pa.
SUNDERMAN carbureters—Sunderman Corp., Newburgh, N. Y.
SUNDH circuit breakers & pressure regulators—Sundh Electric Co., Av. C & Parkhurst, Newark, N. J
SUN FLOWER finishing plaster—American Cement Plaster Co., Lawrence, Kans.
SUNNY SOUTH oils, pitch, tar—General Naval Stores Co., 90 West, New York
SUN PROOF asbestos paints—Patton Paint Co., Milwaukee, Wis.
SUN PROOF rubber hose—Bowers Rubber Works, San Francisco, Cal.
SUN RAY tank heaters—J. L. Mott Iron Works, Trenton, N. J.
SUNSET belting, packing, rubber hose—Bowers Rubber Works, San Francisco, Cal.
SUNSET carbon black—L. Martin Co., 81 Fulton New York
SUNSET lubricating oils & greases—Indian Refining Co., 244 Madison av, New York
SUNSET packing—A. W. Chesterton Co., 64 India, Boston, Mass.
SUNSET vineyard timber plows—Parlin & Orendorff Co., Canton, Ill.
SUN-SHINE carriage top dressing, brass bed polish, dust absorbing floor oils, furniture polish—E. W. Thumb, 872 Orleans, Chicago, Ill.
SUN SHINE metal polish—Atlas Auto Supply Co., 656 W. Austin av, Chicago, Ill.
SUN SHINE miners' lamps—Hero Mfg. Co., Gaul & Adams, Phila., Pa.
SUN SHINE steam heaters—Beard & Beard, Reading, Pa.
SUN SHINE stoves, hot air furnaces—Reading Stove Works, Reading, Pa.
SUN SHINE vacuum carpet sweepers—Household Mfg. Co., 1221 Filbert, Phila., Pa.
SUN SHINE washing machines—Voss Bros. Mfg, Co., Davenport, Ia.
SUN-STAR turndown lamps—F. J. Rooney Lamp Co., Hoboken, N. J.
SUNDERMAN carbureters—Sunderman Safety Carbureter Corp., Newburgh, N. Y.
SUNDH circuit breakers, pressure regulators—Sundh Electric Co., 550 W. 22nd, New York

SUNNY SOUTH pine oils, pine pitch, pine tar—General Naval Storage Company, 50 E. 42nd, New York
SUNNY SOUTH stoves & ranges—Hardwick Stove Co., Cleveland, Tenn.
SUPERB shoe blacking & polishes—Whittemore Bros. Corp., Cambridge, Mass.
SUPERB step ladders—R. W. Whitehurst Mfg. Corp., Norfolk, Va.
SUPERB vacuum cleaners—Chas. W. Emery, 2036 N. 13th, Phila., Pa.
SUPERB, JR., vacuum cleaners—Chas. W. Emery, 2036 N. 13th, Phila., Pa.
SUPERBA packing—Curry Bros. Oil Co., 253 Franklin, Boston, Mass.
SUPER CENTRIFUGE centrifugal clarifiers & Separators—Sharples Specialty Co., West Chester, Pa.
SUPER DREADNOUGHT automobile inner tubes—Dreadnought Tire & Rubber Co., Orangeville, Baltimore, Md.
SUPERFILTCHAR carbon—Industrial Chemical Co., 200 5th av, New York
SUPERIOR automobile radiator covers—Frank S. Feeser Co., 1102 Prospect, Indianapolis, Ind.
SUPERIOR automobile wind shields—B. & B. Mfg. Co., Cleveland, Ohio
SUPERIOR babbitt metal—Atkinson Co., Rochester, N. Y.
SUPERIOR barrel spray pumps—Rumsey Pump Co., (Ltd.), Seneca Falls, N. Y.
SUPERIOR belt dressing, rope dressing—Superior Chemical Mfg. Co., Grand Rapids, Mich.
SUPERIOR belting, belt fasteners—Western Rawhide & Belting Co., 600 S. Pierce, Milwaukee, Wis.
SUPERIOR blind fasteners—American Foundry & Mfg. Co., Frederick, Md.
SUPERIOR blue print paper—New York Blue Print Paper Co., 102 Reade, New York
SUPERIOR buggy aprons—J. B. Cretors, St. Paris, Ohio
SUPERIOR cement—Superior Portland Cement Co.—Union Central bldg. Cincinnati, Ohio
SUPERIOR chain hoists—D. Round & Son, Cleveland, Ohio
SUPERIOR churns—Superior Churn & Mfg. Co., Northville, Mich.
SUPERIOR clamp vises—Athol Machine Co., Athol, Mass.
SUPERIOR corn & cob mills, tank heaters & windmills—Duplex Mfg. Co., Superior, Wis.
SUPERIOR cream dippers—Chapman Co., Geneva, N. Y.
SUPERIOR cream separators—Superior Sheet Metal Works Co., Indianapolis, Ind.
SUPERIOR cultivators, garden plows, weeders, wire fence stretchers—Bridgewater Plow Corp., Bridgewater, Va.
SUPERIOR deadening felts—H. F. Watson Co., Erie, Pa.
SUPERIOR door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
SUPERIOR door stops, hinges, screen door checks—Superior Spring hinge Co., 136 W. Lake, Chicago, Ill.
SUPERIOR drill shapening machines—Lake Shore Engine Works, Marquette, Mich.
SUPERIOR egg & cream beaters—National Mfg. Co., Worcester, Mass.
SUPERIOR electric sad irons—National Stamping & Electric Works, 424 S. Clinton, Chicago, Ill.
SUPERIOR feed cutters—Hench & Dromgold Co., York, Pa.
SUPERIOR fish lines—Ashaway Line & Twine Mfg. Co., Ashaway, R. I.
SUPERIOR fish wire—Steel City Electric Co., 1207 Columbus av., Pittsburgh, Pa.
SUPERIOR fly traps—Peoria Can Co., Peoria, Ill.
SUPERIOR gas engines—Superior Gas Engine Co., Springfield, Ohio
SUPERIOR gas & gasoline heaters—Bastian-Morley Co., La Porte, Ind.
SUPERIOR gas soldering furnaces—Warren Machine Products Co., Warren, Pa.
SUPERIOR graphite paints—Detroit Graphite Co., Detroit, Mich.
SUPERIOR hand card cutters—Marshall Son & Co., 226 Purchase, Boston, Mass.
SUPERIOR resistance wire—H. Boker & Co., 101 Duane, New York
SUPERIOR horse rasps—Nicholson File Co., Providence, R. I.
SUPERIOR lamp chimneys—Macbeth-Evans Glass Co., Pittsburgh, Pa.
SUPERIOR land & field rollers—Mountville Mfg. Co., Mountville, Pa.
SUPERIOR linemen's climbers—Jno. J. Reidy, New Haven, Conn.
SUPERIOR lubricators—American Lubricator Co., Detroit, Mich.
SUPERIOR lubricators—Detroit Shipbuilding Co., Detroit, Mich.
SUPERIOR mailing bags—Clark Mailing Bag Co., Columbus, Ohio
SUPERIOR mailing bags—Columbus Mailing Bag Co., 278 2nd High, Columbus, Ohio
SUPREME marine paints—Chicago Varnish Co., 2100 Elston av, Chicago, Ill.
SUPERIOR oil cans—National Enameling & Stamping Co., 411 5th av, New York
SUPERIOR oil filters—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
SUPERIOR oxide of zinc—New Jersey Zinc Co., 55 Wall, New York
SUPERIOR packing—Consumers' Rubber Co., Cleveland, Ohio
SUPERIOR paper fasteners—Ideal Specialties Mfg. Corp., 436 E. 9th, New York
SUPERIOR pipe wrenches—Hawkeye Wrench Co., Marshalltown, Ia.
SUPERIOR pneumatic water supply systems—Samuel Sloan & Co., Rochester, N. Y.
SUPERIOR reclaimed rubber—U. S. Rubber Reclaiming Works, 42nd st bldg, New York
SUPERIOR sad irons—American Electrical Heater Co., Detroit, Mich.
SUPERIOR sash operating devise—Payson Mfg. Co., 2918 W. Jackson blvd., Chicago, Ill.
SUPERIOR seeders, corn planters, disc harrows, grain drills—American Seeding Machine Co., Springfield, Ohio
SUPERIOR spark plugs—Superior Motor Specialty Co., 44 N. 4th, Phila., Pa.
SUPERIOR steam & hot water heaters—Utica Heater Co., Utica, N. Y.
SUPERIOR sterilizing apparatus—Erie City Mfg. Co., Erie, Pa.
SUPERIOR sweep horse powers—Heebner & Sons, Lansdale, Pa.
SUPERIOR tea urns—Bramhall-Deane Co., 261 W. 36th, New York
SUPERIOR thermal bath cabinets—Cabinet Mfg. Co., Quincy, Ill.
SUPERIOR tobacco counter cutters—Wrightsville Hardware Co., Wrightsville, Pa.
SUPERIOR tool chests—American Mfg. Concern, Falconer, N. Y.
SUPERIOR trucks—Abingdon Wagon Co., Abingdon, Ill.
SUPERIOR wood working machinery & band sawing machines for metal—Jones Superior Machines Co., 1264 North av, Chicago, Ill.
SUPERIOR woven wire fences—Superior Fence Co., Cleveland, Ohio
SUPERIOR wrenches—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.
SUPERL metal polish—Superl Mfg. Co., Los Angeles, Cal.
SUPERO air drill hose, chemical engine hose, steam hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
SUPERVANE exhaust fans—B. F. Sturtevant Co., 15 Damon, Hyde Park, Mass.
SUPLE suction hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
SUPREME can openers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
SUPREME gold & silver ink—Zehden Metallic Ink Co., 132 Nassau, New York
SUPREME lawn mowers—Dille & McGuire Co., Richmond, Ind.
SUPREME lubricating oils & greases—Richardson Lubricating Co., Quincy, Ill.
SUPREME poultry, rabbit, railroad & farm fences, fence posts—F. P. Smith Wire & Iron Wks., 2340-48 Clybourn av., Chicago, Ill.
SUPREME steam & hot water heaters—W. A. Case & Son Mfg. Co., Buffalo, N. Y.
SUPREME tubular lanterns—Embury Mfg. Co., Warsaw, N. Y.
SUPREMIS floor finish—Chicago Varnish Co., 2100 Elston av, Chicago, Ill.
SURANSAFE removable window guards—F. P. Smith Wire & Iron Wks., 2340-48 Clybourn av., Chicago, Ill.
SURE CATCH barn door latches—Brodhead Latch Co., Brodhead, Wis.
SURE RENTER finders—West Haven Mfg. Co., West Haven, Conn.
SURE-CLEAN winder cleaners—Cleveland Osborn Mfg. Co., 5405 E. Hamilton, Cleveland, Ohio

SURE COOL gasoline engines—Moore Plow & Implement Co., Greenville, Mich.
SURE CUT can openers—Ira W. White & Son, Bloomfield, N. J.
SURE-DRAFT forge chimneys—Lourie Mfg. Co., Springfield, Ill.
SURE DROP ball bearing jacks—A. O. Norton, Inc., 286 Congress, Boston, Mass.
SURE DROP riding listers—Gale Mfg. Co., Albion, Mich.
SURE-FAST harness snaps—Eberhard Mfg. Co., Cleveland, Ohio
SURE GO gas engines—Advance Mfg. Co., Hamilton, Ohio
SURE GRIP adjustable tandem door hangers, hay fork pulleys, sling unloaders—F. E. Myers & Bros., Ashland, Ohio
SURE GRIP clothes line pulleys—Reading Saddle & Mfg. Co., Reading, Pa.
SURE GRIP horseshoers' vises & tire upsetters—butts & Ordway Co., 33 Purchase, Boston, Mass.
SURE GRIP hose clamps—J. R. Clancy, Syracuse, N. Y.
SURE GRIP hose clamps—Elkhart Brass Mfg. Co., Elkhart, Ind.
SURE GRIP linemen's climbers—Cronk & Carrier Mfg. Co., ,150 Lake, Elmira, N. Y.
SURE GRIP nail pullers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
SURE-GRIP removable screw calks—American Calk Co., 1217 Forest, Detroit, Mich.
SURE GRIP sad iron handles—Reading Saddle & Mfg. Co., Reading, Pa.
SURE-GRIP tackle blocks—Fulton Iron Works, Detroit, Mich.
SURE-GRIP trolley wire clamps—Electric Railway Equipment Co., Cincinnati, Ohio
SURE GRIP wire fence stretchers—Wrightsville Hardware Co., Wrightsville, Pa.
SURE HATCH incubators & brooders—Fremont Mfg. Co., Fremont, Nebr.
SURE HATCH incubators & brooders—Sure Hatch Incubator Co., Fremont, Nebr.
SURE-HOLD hose menders, steam couplings—C. A. Claflin Co., 161 High, Boston, Mass.
SURE LOCK damper clips—Parker Supply Co., 785 E. 135th, New York
SURE-ON door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
SURE-SEAL cast iron cleanouts, sewer gas traps—Central Foundry Co., 90 West, New York
SURE SEAL fruit jars—Ball Bros. Glass Mfg. Co., Muncie, Ind.
SURE STEP ice creepers—Norlund Mfg. Co., Williamsport, Pa.
SURE-STEP ladders—Four-in-one-Ladder Mfg. Co., Mishawaka, Ind.
SURETY cotton hose—Bowers Rubber Works, San Francisco, Cal.
SURETY grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
SURPASS WX loom pickers—E. H. Jacobs Mfg. Co., Danielson, Conn.
SURPRISE alarm clocks—W. L. Gilbert Clock Co., Winsted, Conn.
SURPRISE cultivators—Kingman Plow Co., Peoria, Ill.
SURPRISE egg & cream beaters—J. R. Dawson Mfg. Co., Fairhill Sta., Phila., Pa.
SURPRISE egg & cream beaters & flour sieves—National Mfg. Co., Worcester, Mass.
SURPRISE egg & cream beaters—Woods-Sherwood Co., Worcester, Mass.
SURPRISE jacket fire hose—Eureka Fire Hose Mfg. Co,. 13 Barclay, New York
SURRELL steam heaters—Surrell Down Draft Boiler Co., 39 Cortlandt, New York
SUSEMIHL side bearings—American Steel Foundries, McCormick bldg, Chicago, Ill.
SUSEMIHL side bearings—Simplex Railway Appliance Co., Hammond, Ind.
SUSQUEHANNA dump wagons—Columbia Wagon Co., Columbia, Pa.
SUSTANOL barium cyanide—Hackmeister Lind Chemical Co., Pittsburgh, Pa.
SUTTON sand & gravel heaters & dryers—Indiana Foundry Co., Indiana, Pa.
SVENSON concrete mixers—Svenson-Shuman Machine Co., Oliver bldg, Pittsburgh, Pa.
SWAIN oil & grease cups & loose pulley oilers—Swain Lubricator Co., 443 W. 37th, Chicago, Ill.
SWAN carriage fasteners—Standard Top & Equipment Co., 1849 E. 65th, Cleveland, Ohio
SWAN fountain pens—Mabie, Todd & Co., 17 Maiden la, New York
SWAN heat regulators—Klipfel Mfg. Co., 2651 W. Harrison, Chicago, Ill.
SWAN potato planters—Potato Implement Co., Traverse City, Mich.
SWAN roofing—National Roofing Material Co., Edwardsville, Ill.
SWAN thorium nitrate—Pfaltz & Bauer, 300 Pearl, New York
SWANEE metallic shingles—Berger Mfg. Co., Canton, Ohio
SWAN'S expansive bits, auger handles, chamferer gauges, folding handle knives—Jas. Swan Co., Seymour, Conn.
SWAN'S harness hooks—Imperial Bit & Snap Co., Racine, Wis.
SWANSON portable grain elevators—Swanson-St. Joseph Plow Co., St. Joseph, Mo.
SWARTOUT exhaust heads, ventilators, steam separators—Ohio Blower Co., 9300 Detroit av., Cleveland, Ohio
SWART'S sheet packing—Garratt-Callahan Co., 30 Fremont, San Francisco, Cal.
SWASTIKA tools & specialties—Buffum Tool Co., South Side, Louisiana, Mo.
SWASTIKA fish line—Ashaway Line & Twine Mfg. Co., Ashaway, R. I.
SWASTIKA lubricating oils & greases—McLean-Jones Oil & Supply Co., 40 India wharf, Boston, Mass.
SWAT-STICKA fly swatters—U. S. Wire Mat Co., Decatur, Ill.
SWEDISH cultivator hoes—Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y.
SWEDISH linemen's climbers, wire connectors—Smith & Hemenway Co., Inc., 130 Coit St., Irvington, N. J.
SWEDISH steel—International High-Speed Steel Co., 1677 Pearl, New York
SWEDISH KRAFT wrapping paper—D. S. Walton & Co., 132 Franklin, New York
SWEENEY'S IRON HORSE traction engines—Sweeney Tractor Co., Kansas City, Mo.
SWEEPER-VAC carpet sweepers—Pneuvac Co., 59 Temple pl., Boston, Mass.
SWEEPINE sweeping compounds—West Disinfecting Co., 411 5th av, New York
SWEET'S carriage wheels—Shortsville Wheel Co., Shortsville, N. Y.
SWEET exhaust heads, steam separators—Direct Separator Co., Syracuse, N. Y.
SWEET'S lumber wagons—B. F. & H. L. Sweet Co., Fond du Lac, Wis.
SWEET'S toe-calks—Franklin Steel Works, Joliet, Ill.
SWEET'S track drills—Michigan Machinery Mfg. Co., Ypsilanti, Mich.
SWEET'S window springs—Stanley Works, New Britain, Conn.
SWEET'S CONCEALED hub bands—Eastern Malleable Iron Co., Naugatuck, Conn.
SWEET'S MAGIC metal polish—C. F. Sweet, Hartford, Conn.
SWENDER calf weaners—Carroll Muzzle Co., Carroll, Ia.
SWENSON stump pullers—Swenson Grubber Co., Cresco, Ia.
SWICK iron flumes—W. L. Swick, Glenwood Springs, Colo.
SWIFT CUTTER lawn mowers—Chadborn & Coldwell Mfg. Co., Newburgh, N. Y.
SWIFT'S arsenate of lead—Merrimac Chemical Co., 148 State, Boston, Mass.
SWIFT drug & coffee mills—Lane Bros. Co., Poughkeepsie, N. Y.
SWIFT'S dumping carts, feed cookers, grinding mills—Swift Mfg. Co., Waterloo, Ia.
SWIFT'S ECONOMY shaking grates, furnace blowers—Donegan-Swift, 6 Murray, New York
SWINDELL gas producers—Wm. Swindell & Bros., Pittsburgh, Pa.
SWINEFORD hay carriers—G. A. Swineford Co., Canton, Ohio
SWINEHART tires—Swinehart Tire & Rubber Co., Akron, Ohio
SWISS embroidering machines—Durbrow & Hearne Mfg. Co., 12 Wooster, New York
SWISS feed cutters—Wilder-Strong Implement Co., Monroe, Mich.
SWISS SHINE metal polish, paints—Rath Mfg. Co., Headley & Richmond, Phila., Pa.
SWISSALU aluminum hollow ware & spiders—Geo. H. Bowman Co., 224 Euclid av., Cleveland, Ohio
SYLPHON air valves—Fulton Co., Knoxville, Tenn.
SYLPHON air valves, damper, steam & water regulators—American Radiator Co., 820 S. Michigan av, Chicago, Ill.
SYLVAN green marble—Henry A. Schweyer Co., Easton, Pa.
SYLVANITE safety fuse—du Pont de Nemours & Co. (E. I.), Wilmington, Del.
SYMENTREX waterproofing materials—Vitrifyx Co., 133 W. Washington, Chicago, Ill.

SYMINGTON journal boxes, journal box dust guards —T. H. Symington Co., Md. Trust bldg., Baltimore, Md.
SYNTHIDE artificial leather—Boston Woven Hose & Rubber Co., Cambridge, Mass.
SYRACUSE babbitt metal—Syracuse Smelting Works, 192 Diamond, Brooklyn, N. Y.
SYRACUSE drills, chisels, pliers, countersinks, micrometer gauges, nail sets, punches, screwdriver bits, handle wedges—Syracuse Twist Drill Co., Borden av, Syracuse, N. Y.
SYRACUSE harness snaps—Frazer & Jones Co., Syracuse, N. Y.
SYRACUSE hay carriers, grapple forks, potato diggers—Syracuse Chilled Plow Co., Syracuse, N. Y.
SYRACUSE paste—Schmeer's Paper Box Co., Syracuse, N. Y
SYRACUSE radiator valves—Syracuse Faucet & Valve Co., Eastwood, N. Y.
SYRACUSE sink brackets—H. E. Hessler Co., Syracuse, N. Y.
SYRACUSE steam heaters—Syracuse Heater Co., Syracuse, N. Y.
SYRACUSE water motors—Hunter Fan & Motor Co., Fulton, N. Y.
SYSTEMATIC concrete mixers—Cement Machinery Co., Jackson, Mich.

T. H. WITHERBY drawing knives, carpenters' chisels —Winsted Edge Tool Works, Winsted, Conn.
T. I. C. cushion springs—Trenton Spring Mattress Co., Trenton, N. J.
T. M. CO. shoe knives—Tuck Mfg. Co., Brockton, Mass.
T. P. C. lamp guards—Porter Co., 241 Water, New York
T. T. hack saw blades—H. G. Thompson Son & Co., New Haven, Conn.
T. & B. box connectors, junction & switch boxes—Thomas & Betts Co., 63 Vesey, New York
T. & C. metal lath—Sharon Steel Hoop Co., Sharon, Pa.
T. & D. SPECIAL kraut cutters—Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
T. & M. gas engines—Termaat & Monahan Mfg. Co., Oshkosh, Wis.
T. & S. Dover egg & cream beaters—Turney & Seymour Mfg. Co., Torrington, Conn.
T. & W. chucks, machine presses, tire & wire wrapping machines—Terkelson & Wennberg, 328 A, Boston, Mass.
TABASCO bath water heaters—Kawanee Boiler Co., Kewanee, Ill.
TABER pumps—Taber Pump Co., Buffalo, N. Y.
TABOR hose wrenches—W. D. Allen Mfg. Co., 566 W. Lake, Chicago, Ill.
TABOR steam engine indicators—Ashcroft Mfg. Co., 119 W. 40th, New York
TABOR window hardware, weather strips—Tabor Sash Fixture Co., 69 Polk, Newark, N. J.
TACOMA oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
TAFT eave-trough hangers—Iowa Ditching Machine Co., Mt. Pleasant, Ia.
TAFT ALMETUL rug exhibitors—Taft Machine Co., 229 Globe, Providence, R. I.
TAG thermometers, flash tester, viscosimeters—C. J. Tagliabue Mfg. Co., 18 33d, Brooklyn, N. Y.
TAHARA burnishing machines—Tahara Co., Glenwood & N. American, Philadelphia, Pa.
TAINTOR'S gilders' whiting—H. F. Taintor Mfg. Co., 2 Rector, New York
TAKAPART metal fishing reels—A. F. Meisselbach & Bros., 29 Congress, Newark, N. J.
TAKE-DOWN hay rack clamps—F. E. Myers & Bro., Ashland, Ohio
TAKITOF paint & varnish remover—Atlantic Drier & Varnish Co., Phila., Pa.
TALCLAY talc—St. Lawrence Talc Co., 5 E. 42nd, New York
TALCUT metal workers' crayons—Chas. B. Chrystal, 13 Cliff, New York
TALMA lavatories & fittings—James Barrett Mfg. Co., 117 Pearl, Boston, Mass.
TALOLIN tanning extracts—Martin Dennis Co., 859 Summer av, Newark, N. J.
TAMAQUA sprinkler hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
TAMPICO brush fibre—E. B. & A. C. Whiting Co., Burlington, Vt.
TAN-BO picker leather—Norwich Belt Mfg. Co., Norwich, Conn.
TANDEM oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
TANGLEFOOT fly paper—O. & W. Thum Co., Grand Rapids, Mich.
TANGYE'S hydraulic jacks—Irving Mfg. & Tool Co., 157 Chambers, New York
TANITE cutlery polish—Tanite Co., Stroudsburg, Pa.
TANNATE belting, belt lacing—J. E. Rhodes & Sons, 12 N. 3rd, Phila., Pa.
TANNELITE powder—G. R. McAbee Powder & Oil Co., 2nd Nat. Bank bldg, Pittsburgh, Pa.
TANNER feed cutters—D. F. Tanner, Holland, N. Y.
TAN-REX belting—Barnum Bros. Co., Troy, N. Y.
TAPESTROLEA wall coverings—Richter Mfg. Co., Tenafly, N. J.
TAPESTRY art tile, front brick—Fiske & Co., 25 Arch, Boston, Mass.
TAPLIN egg & cream beaters—Taplin Mfg. Co., New Britain, Conn.
TAP-ON wire connectors—Jordan Bros., 74 Beekman, New York
TARCOTE road binders & preservatives—Chatfield Mfg. Co., Carthage, Cincinnati, Ohio
TARGET rubber hose—Republic Rubber Co., Youngstown, Ohio
TARGET valve stem packing—E. A. Wilcox Mfg. Co., 6330 Stony Island av, Chicago, Ill.
TARRANT oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
TARTARLINE cream tartar—Worden Chemical Works, 4 Cedar, New York
TARTCHELL tire pressure gauges—A. Schrader's Son, Inc., 783-803 Atlantic av, Brooklyn, N. Y.
TARVIA macadam & gravel road—Barrett Co., 17 Battery pl, New York
TASCOIL road binders & preservatives—Alden Speare's Sons Co., Cambridge, Mass.
TATE stay bolts—Flannery Bolt Co., Vanadium bldg, Pittsburgh, Pa.
TATHAM'S lead shot—United Lead Co., 111 Broadway, New York
TATSGRIP hand soap—Tatlock Bros., Rochester, N. Y.
TATTOO alarm clocks—New Haven Clock Co., New Haven, Conn.
TATUM loose leaf devices—Sam'l C. Tatum Co., Cincinnati, Ohio
TAURIL packing, gaskets—Anchor Packing Co., Lafayette bldg, Phila., Pa.
TAXITE paint & varnish remover—Sherwin-Williams Co., Cleveland, Ohio
TAYLOR brake shoes, car wheel centers, electrical bearings—Taylor Elec. Truck Co., Troy, N. Y.
TAYLOR cattle stanchions—Jas. Boyle, Salem, Ohio
TAYLOR curtain stretchers, garment hangers—Taylor Mfg. Co., Princeton, Ind.
TAYLOR emery wheel dressers, speed indicators—Tanite Co., Stroudsburg, Pa.
TAYLOR HYDROLITIC water-proofing materials—Flexner-Taylor Co., Ltd., 786 E. B'way, So. Boston, Mass.
TAYLOR lap-welded steel pipe, spiral riveted pipe—American Spiral Pipe Works, Chicago, Ill.
TAYLOR measuring thiefs—U. S. Bottlers' Machinery Co., 1033 W. Lake, Chicago, Ill.
TAYLOR mechanical stokers—American Engineering Co., Armingo av & Cumberland, Phila., Pa.
TAYLOR mop sticks & holders—Mason Mfg. Co., Perkinsville, Vt.
TAYLOR mop sticks & holders—Parks & Parks, Troy, N. Y.
TAYLOR penumatic jacks—Pneumatic Jack Co., Louisville, Ky.
TAYLOR pruning shears—Smith, Seymour & Son, Oakville, Conn.
TAYLOR staybolt iron—B. M. Jones & Co. (Inc.), 140 Milk, Boston, Mass.
TAYLOR tool grinders—Tabor Mfg. Co., 1740 Hamilton, Phila., Pa.
TAYLORITE sanitary flooring—Ronald Taylor Co., 520 E. 20th, New York
TAYLOR MADE automobile trunks—C. A. Taylor Trunk Works, 28 E. Randolph, Chicago, Ill.
TAYLOR-NEWBOLD circular saws, milling cutters—Tabor Mfg. Co., 19th & Hamilton, Phila., Pa.
TAYLOR'S journal boxes—W. P. Taylor Co., Ellicott sq, Buffalo, N. Y.
TEC blue & black prints—Technical Supply Co., Scranton, Pa.
TEC T squares—Emmert Mfg. Co., Waynesboro, Pa.
TECKTONIUS-VOGT lime burning kilns—E. C. Tecktonius Mfg. Co., Racine, Wis.
TECO outlet & locknut bushings—Troy Electrical Co., Troy, N. Y.
TECTOR wood fillers—Patton Paint Co., Milwaukee, Wis.
TEE'S gauge cocks—Nathan Mfg. Co., 416 E. 106th, New York
TEGUFILM boiler compounds — Tegufilm Chemical Mfg. Co., Syracuse, N. Y.

TEKSAGON meter couplings—H. W. Clark Co., Mattoon, Ill.
TELAFAULT electric fault finders—W. N. Matthews & Bro., 3722 Forest Park blvd, St. Louis, Mo.
TELAFEVER thermometers—C. J. Tagliabue Mfg. Co., 18 33d, Brooklyn, N. Y.
TELE-CALL factory & office signals—Mead Electric Signal Co., 2056 E. 4th, Cleveland, Ohio
TELEGRAPH cocks & bibbs—Milwaukee Brass Mfg. Co., 251 Lapham, Milwaukee, Wis.
TELEGRAPH cocks & bibbs—Rundle-Spence Mfg. Co., 63 2nd, Milwaukee, Wis.
TELEMOTER marine steering gears—McNab Co., Bridgeport, Conn.
TELEPHONE feed cutters—Geo. S. Comstock & Son, Mechanicsburg, Pa.
TELEPHONE pruning shears—Smith, Seymour & Son, Oakville, Conn.
TELESCOPE tire air pumps—Judd & Leland Mfg. Co., Clifton Springs, N. Y.
TEMCO electric drills, dynamos & motors—Temco Electric Motor Co., Leipsic, Ohio
TEMPESTOUGH case hardening compounds—Weldarine Mfg. Co., Topeka, Kan.
TEMPEST hose—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
TEMPLE gas engines—Temple Mfg. Co., 22nd & S. 54th, Chicago, Ill.
TEMPLE oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
TEM-PO-VA kalsomine paint—Manhattan Color Works, 1035 Kelly, New York
TENAX packing—Advance Packing & Supply Co., 11-15 N. Franklin, Chicago, Ill.
TENAX picker leather—Holbrook Raw Hide Co., 748 N. Main, Providence, R. I.
TEN BROECK rubber tires—Ten Broeck Tyre Co., 26th & Courtney, Louisville, Ky.
TENEO snap fasteners—Teneo Co., Inc., 20 W. 22d, New York
TENNESSEE cedar chests—Vestal Lumber & Mfg. Co., Knoxville, Tenn.
TENNESSEE dumping carts, wagons—Kentucky Wagon Mfg. Co., Louisville, Ky.
TENNESSEE staybolt iron—Ewald Iron Co., Louisville, Ky.
TENOL belt dressing—Viscol Co., Cambridge, Mass.
TENSO chains—Cleveland Wire Goods Co., Cleveland, Ohio
TENSYL cloth testing machines—Shuttle Machine Co., 18 E. 17th, New York
TEN WINKEL oil & water filter & extractor—United Filter Corp., Felt bldg, Salt Lake City, Utah
TEON belting—D. P. Brown & Co., 264 N. 4th, Philadelphia, Pa.
TERRAPIN sprinkler hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
TERRAZOLITE sanitary flooring—Warren Bros. Co., 142 Berkeley, Boston, Mass.
TERRELL'S metallic lockers—Terrell's Equipment Co., Broadway, Grand Rapids, Mich.
TERRIER oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
TERRIER wrenches—Kilborn & Bishop Co., New Haven, Conn.
TESLA battery motors—Davis Kendrick Co., Lebanon,, N. H.
TESSAR photographic lenses—Bausch & Lomb Optical Co., Rochester, N. Y.
TESTBESTOS asbestos brake linings—Amer. Asbestos Co., Norristown, Pa.
TEXACO axle grease, belt dressing, oils, paving cements, roofing felts, waterproofing materials—Texas Company, 17 Battery pl, New York
TEXACO CRATER gear lubricants—Texas Co., 17 Battery pl, New York
TEXAS hoes—American Fork & Hoe Co., Cleveland, Ohio
TEXAS hoes—Union Fork & Hoe Co., Columbus, Ohio
TEXAS DANDY cultivators—Moline Plow Co., Moline, Ill.
TEXAS RANGER gun cleaning tools—Cullum & Boren Explosive Co., Dallas, Tex.
TEXODREN artificial leathers, car curtains & materials—Sillcocks-Miller Co., S. Orange, N. J.
TEX-STYLE dustless broom covers—Genesee Textile Co., Rochester, N. Y.
TEX-TA-DOR-NA burlap—Cotta-a-Lap Co., Somerville, N. J.
TEXTOL canvas stitched belting—National Belting Co., Elyria, Ohio.
THARCO asbestos cements, glaziers' putty—Armstrong Co., Detroit, Mich.
THAYER linseed oil—American Linseed Co., Woolworth bldg, New York
THAYER steam heaters—Gibby Foundry Co., E. B., 96 Condor, Boston, Mass.
THEBIAN electric & gas light fixtures—Macbeth-Evans Glass Co., Wabash Bldg., Pittsburgh, Pa.
THE BOSTON motors—F. E. Whitney Co., 65 Sudbury, Boston, Mass.
THE-EGG-PAY-FOR-IT animal foods—Consolidated Rendering Co., 40 N. Market, Boston, Mass.
THE STANDARD scales, box trucks, concrete barrows, concrete mixers, gas engines—Standard Scale & Supply Co., 1631 Liberty av, Pittsburgh, Pa.
THEISEN gas purifiers—R. D. Wood & Co., 400 Chestnut, Phila., Pa.
THE LIFE steam heaters—McDonnell Boiler & Iron Works, Des Moines, Ia.
THERLO ferro-nickel wire—Driver-Harris Co., Harrison, N. J.
THERMALITE roofing paints—Hascall Paint Co., W. 70th, Cleveland, Ohio
THERMALITE PLASTIC ROOFING cements—Hascall Paint Co., W. 70th, Cleveland, Ohio
THERMATIC fireless cookers—Diller Mfg. Co., Bluffton, Ohio
THERMIDORE rubber packing—Thermoid Rubber Co., Trenton, N. J.
THERMIT rail bonds, rail joints—Metal & Thermit Corp., 120 B'way, New York
THERMITE anti-freezing compounds—Northwestern Chemical Co., Marietta, Ohio
THERMO arc lamps, globes—Macbeth-Evans Glass Co., Pittsburgh, Pa.
THERMO-ELECTRIC pyrometers—Hoskins Mfg. Co., Detroit, Mich.
THERMOCUP drinking cups—American Thermos Bottle Co., Norwich, Conn.
THERMODISK valves—Jas. P. Marsh & Co., 118 S. Clinton, Chicago, Ill.
THERMOGRAPH heat regulators—Bartlett Bros. Co., Cleveland, Ohio
THERMOID rubber & fabric belting—Thermoid Rubber Co., Trenton, N. J.
THERMOLIN coating paints—Means & Thatcher, Norfolk Downs, Quincy, Mass.
THERMOLITE therapeutic lamps—H. G. McFaddin & Co., 38 Warren, New York
THERMOPOK packing—Combination Rubber Mfg. Co., Bloomfield, N. J.
THESCO insulator clamps—States Co., Hartford, Conn.
THEXTON envelope sealing machines—Acorn Brass Mfg. Co., 426 S. Clinton, Chicago, Ill.
THIBAUD'S braided heddles—Emmons Loom Harness Co., Lawrence, Mass.
THIEM motor cycles—Joems Motor Mfg. Co., St. Paul, Minn.
THIN MODEL engineers' wrenches—Frank Mossberg Co., Attleboro, Mass.
THIN-O carbon paper—Miller-Bryant-Pierce Co., Aurora, Ill.
36 PART dough dividing machines—Wm. Zoeller Co., 325 N. Curtis, Chicago, Ill.
THISTLE alkali, bi-carbonate of soda, caustic soda, sap stain preventive, soda ash—Mathieson Alkali Works, 53 Canal, Providence, R. I.
THISTLE gauge glasses—J. E. Lonergan Co., 211 Race, Phila, Pa.
THISTLE oil & grease cup lubricators—Wm. Powell Co., Cincinnati, O.
THISTLE rubber hose—Whitehead Bros. Rubber Co., Trenton, N. J.
THISTLE taps & dies—Winter Bros. Co., Wrentham, Mass.
THOMAS agricultural implements—Thomas Mfg. Co., Springfield, Ohio
THOMAS carriage top props—C. Cowles & Co., New Haven, Conn.
THOMAS carriage top props—Searls Mfg. Co., 29 Mulberry, Newark, N. J.
THOMAS core box machines—Portland Co., Portland, Me.
THOMAS fishing rods—F. E. Thomas, Bangor, Me.
THOMAS grate bars—Thomas Grate Bar Co., Birmingham, Ala.
THOMAS rail bonds—Lord Mfg. Co., 105 W. 40th, New York
THOMAS ALFALFA sulky hay rakes—Thomas Mfg. Co., Springfield, Ohio
THOMAS CROWN mowers—Thomas Mfg. Co., Springfield, Ohio
THOMAS DOUBLE CYLINDER hay loaders—Thomas Mfg. Co., Springfield, Ohio
THOMAS SWATH hay loaders—Thomas Mfg. Co., Springfield, Ohio
THOMAS-VANADIUM pig iron—Thomas Iron Co., Hokendauqua, Pa.
THOMAS WILSON knives—Adolph Kastor & Bros., 109 Duane, New York

THOMPSON broom holders—Cassady Fairbanks Mfg. Co., 6126 S. La Salle, Chicago, Ill.
THOMPSON butchers' saw punches—H. G. Thompson & Son Co., New Haven, Conn.
THOMPSON conduit pipe reamers—Steel City Electric Co., 1207 Columbus av, Pittsburgh, Pa.
THOMPSON cut-out hangers—Thompson Electric Co., 5606 Euclid, Cleveland, Ohio
THOMPSON damper regulators, grate bars, shaking grates, steam engine indicators, tube cleaner—Richard Thompson & Co., 126 Liberty, New York
THOMPSON engine indicators—Schaeffer & Budenberg Mfg. Co., Berry & So. 5th, Brooklyn, N. Y.
THOMPSON oil pump lubricators—Star Brass Mfg. Co., 108 E. Dedham, Boston, Mass.
THOMPSON oilers—Noera Mfg. Co., Waterbury, Conn.
THOMPSON pneumatic hose couplings—Keller Pneumatic Tool Co., Fond du Lac, Wis.
THOMPSON steam engine indicators—Jas. L. Robertson & Son, 78 Murray, New York
THOMPSON steel clamps—Erie Metal Products Co., Erie, Pa.
THOMSON combination roll dough moulding machines—Thomson Machine Co., Belleville, N. J.
THOMSON smoke test machines—Gunster Bros., Scranton, Pa.
THOMSON stone planing machine attachments—Lincoln Iron Works, Rutland, Vt.
THOMSON watthour meters—General Electric Co., Schenectady, N. Y.
THOMSON & Evans pumps—C. H. Evans & Co., 187 Fremont, San Francisco, Cal.
THOR electric washers, household ironing machines—Hurley Machine Co., 29 S. Clinton, Chicago, Ill.
THOR motor cycles, air turbines, coaster brakes—Aurora Automatic Machinery Co., 1307 S. Michigan av, Chicago, Ill.
THOR pneumatic tools—Independent Pneumatic Tool Co., 1307 Michigan av, Chicago, Ill.
THORDARSON gas igniters—Thordarson Elec. Mfg. Co., 501 S. Jefferson, Chicago, Ill.
THORNBURGS hog feeders—Franklin Galvanized Ware Mfg. Co., Franklin, Ind.
THORNHILL wagons—Thornhill Wagon Co., Lynchburg, Va.
THOROBRED packing—Mulconroy Co., 54th & Jefferson, Philadelphia, Pa.
THOROID packing—Thermoid Rubber Co., Trenton, N. J.
THORP-RICHARDSON doors—Thorp Fire Proof Door Co., 1600-1610 Central av, Minneapolis, Minn.
THREAD TIGHT pipe joint compounds—Thread-Tight Co., 288 Bowery, New York
THREE B metal polish—Rome Soap Mfg. Co., Rome, New York
THREE BEE shoe blackings—S. M. Bixby & Co., 46th & 2nd av, Brooklyn, N. Y.
THREE HORSES iron & steel filler cements—John Baizley Iron Works, 514 S. Delaware av, Phila., Pa.
THREE-IN-ONE coaster wagons—John's Stamping & Machine Works Co., Cleveland, Ohio
THREE-IN-ONE lubricating oils & greases & furniture polish—Three-in-One Oil Co., 165 Broadway, New York
THREE-IN-ONE pipe threading dies—National Pipe Die & Machine Co., Archbold, Ohio
3-IN-ONE potato mashers—Minerva Hardware Mfg. Co., Minerva, Ohio
3 WAY corn planters—Ohio Rake Co., Dayton, Ohio
THREE-WAY exhaust valves—Mead, Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
THREE-WAY syphon pumps—F. E. Myers & Bro., Ashland, Ohio
THRELFAL cotton mules—C. E. Riley Co., 161 Devonshire, Boston, Mass.
THRIFT stoves—Pittston Stove Co., Pittston, Pa.
THUMBS hand soap—Harrah & Stewart Mfg. Co., Des Moines, Ia.
THUNDER auto horns—Sears Cross Co., 147 41st, Brooklyn, N. Y.
THUNDERBOLT vacuum cleaners—Sterling Machine & Stamping Co., Wellington, Ohio
THUR-STONE rubbing grains—F. W. Thurston Co., 1832 S. Clark, Chicago, Ill.
THYSSEN ENTRAINMENT air pumps—C. H. Wheeler Mfg. Co., Phila., Pa.
TICO steel die blocks—Titusville Forge Co., Titusville, Pa.
TIDAL WAVE collars & cuffs—The Arlington Works (E. I. du Pont de Nemours & Co.), 21 E. 40th, New York
TIDMAN electric lamp hoods, metallic shades—National Metal Stamping & Mfg. Co., 494 Mulberry, Newark, N. J.
TIFFIN wagons—Tiffin Wagon Co., Tiffin, Ohio
TIGER belting, hose, packing, rubber mats & insulating paper—Boston Woven Hose & Rubber Co., Cambridge, Mass.
TIGER belting—Cowan, Andrew & Co., Louisville, Ky.
TIGER bench & pipe vises — Emmert Mfg. Co., Waynesboro, Pa.
TIGER cement—Castalia-Portland Cement Co., Castalia, Ohio
TIGER cultivators—Rockford Mfg. Co., Rockford, Ill.
TIGER electrical bearings—More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.
TIGER-fertilizer attachments—Tiger Drill Mfg. Co., Beaver Dam, Wis.
TIGER flint sand & emery paper—Herman Behr & Co., 61 B'way, New York
TIGER grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
TIGER hose—Home Rubber Co., Trenton, N. J.
TIGER hot air furnaces—Floyd-Wells Co., Royersford, Pa.
TIGER hydrated lime—Kelley Island Lime & Transport Co., Cleveland, Ohio
TIGER metallic berths & bunks, woven wire folding cots—Haggard & Marusson Co., 1109 W. 37th, Chicago, Ill.
TIGER mining screens—Elspass Engineering & Mining Machinery Co., Denver, Colo.
TIGER nail pullers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
TIGER rice separators—Leo Rumely Tractor Co., La Porte, Ind.
TIGER spray nozzles—Field Force Pump Co., Elmira, N. Y.
TIGER stove pipe & elbows—Lyon, Conklin & Co., 19 Balderston, Baltimore, Md.
TIGER tobacco transplanters—Ohio Rake Co., Dayton, Ohio
TIGER varnish—W. W. Lawrence & Co., W. Carson nr Point Bridge, Pittsburgh, Pa.
TIGER wagon jacks—Richards-Wilcox Mfg. Co., Aurora, Ill.
TIGER wash boilers—Pritchard Stamping Co., Rochester, N. Y.
TIGER wrapping paper—Newton Paper Co., Holyoke, Mass.
TIGER PULL traction engines—Advance-Rumely Co., La Porte, Ind.
TIGER'S HEAD metal polish—Eclipse Cement & Blacking Co., 1240 Belmont av, Phila., Pa.
TIGHT-JOINT unions—Tight Joint Co., 310 E. 47th, New York
TIGHTLOCK clothes line reels—Specialty Mfg. Co., St. Anthony Park, Minn.
TIGHT WAD piston rings—Joseph Horatt, 417 Ferry, Lafayette, Ind.
TILGHMAN sand blast machines, tumbling barrels—Tilghman-Brooksbank Sand Blast Co., 1126 S. 11th, Phila., Pa.
TILLMAN fertilizer distributors—Harriman Mfg. Co., Harriman, Tenn.
TILLOTSON carbureters—Tillotson Mfg. Co., Toledo, Ohio
TILTON solid cotton belting—Arthur S. Brown Mfg. Co., Tilton, N. H.
TIM adding machines—Oscar Muller Co., 32 Broadway, New York
TIMES sliding furniture shoes—Gould-Mesereau Co., 52 W. 38th, New York
TINDEL ALLBRECHT lathes, saws—Morris Tindel Co., Eddystone, Pa.
TINNERS' FRIEND gasoline soldering irons—Dobbins Mfg. Co., 127 S. 1st, Minneapolis, Minn.
TINNOL paste—Arabol Mfg. Co., 100 William, New York
TINOL self-fluxing solder—Hess & Son, Watkins bldg, Phila., Pa.
TINTOLAC floor finish—Lincoln Paint & Color Co., Lincoln, Nebr.
TINY oil & grease cup lubricators—Wm. Powell Co., Cincinnati, O.
TINY, 3 LEVER padlocks—Slaymaker Lock Co., Lancaster, Pa.
TIOGA garden hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
TIOGA reclaimed rubber—U. S. Rubber Reclaiming Works, 42nd st bldg, New York
TIPOVER dumping carts—E. D. Etnyre & Co., Oregon, Ill.
TIP-TOP can openers—N. R. Streeter & Co., Rochester, N. Y.
TIP-TOP duplicators—Felix F. Daus Duplicator Co., 111 John, New York

TIP-TOP fertilizer distributors—Towers & Sullivan Mfg. Co., Rome, Ga.
TIP TOP garden cultivators—Hartman Mfg. Co., Vincennes, Ind.
TIP TOP lawn mowers—Worcester Lawn Mower Co., Worcester, Mass.
TIP TOP paint cans—Manufacturers' Can Co., 501 1st, Newark, N. J.
TIP TOP stoves—Southern Stove Works, Richmond, Va.
TIP-TOP ventilating caps—Miller Foundry & Specialty Co., N. Tonawanda, N. Y.
TISAFINE belting & packing—Strong Machinery & Supply Co., 21 Walker, New York
TISCO manganese steel track work, rails, switches, etc.—Wm. Wharton, Jr., & Co., Inc., Easton, Pa.
TITAN kerosene tractors—International Harvester Company of America (Inc.), Harvester bldg, Chicago, Ill.
TITAN sash cord irons—S. & I. Co., Springfield, Mass.
TITAN throttle & lever valves—Wm. Powell Co., Cincinnati, Ohio
TITAN tinners' saws—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
TITANIC automobile springs—Tuthill Spring Co., 760 Polk, Chicago, Ill.
TITANIC steel—B. M. Jones & Co., 141 Milk, Boston, Mass.
TITEKOTE asphalt paints—Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.
TITELOCK-metal shingles—Decatur Cornice & Roofing Co., New Decatur, Ala.
TITGRIP shinglers' chairs—C. & E. Mfg. Co., Marshalltown, Ia.
TITWELL brass dowel pins—Cleveland Galvanized Works Co., 3924 Cooper av, Cleveland, Ohio
TOAD scrubbing brushes—Standard Brush Co., New Hartford, Conn.
TOBEY grease traps, steam traps—J. L. Mott Iron Works, Trenton, N. J.
TOCKOLITH paints—Toch Bros., 320 5th av, New York
TOCO graphite paints—Tropical Paint & Oil Co., W. 70th, Cleveland, Ohio
TOCONAMEL wall finish—Tropical Paint & Oil Co., W. 70th, Cleveland, Ohio
TOCOTONE wall finish—Tropical Paint & Oil Co., W. 70th, Cleveland, Ohio
TODD end cutting nippers—T. D. Hotchkiss Co., Deep River, Conn.
TODD screw clamps—C. H. Milles Foundry Co., 2443 W. 21st, Chicago, Ill.
TOERRING arc lamps—C. J. Toerring Co., 2121, Toronto, Phila., Pa.
TOFCO lumber, oak flooring—Tenn. Oak Flooring Co Nashville, Tenn.
TOGO wood stoves—Gray & Dudley Hardware Co., Nashville, Tenn.
TO KAY bath tub enamels—W. W. Lawrence & Co., Pittsburgh, Pa.
TOLEDO blast furnaces—Toledo Furnace Co., Cleveland, Ohio
TOLEDO brazed steel tubing—Standard Steel Tube Co., Toledo, Ohio
TOLEDO drop hammers, presses & shears—Toledo Machine & Tool Co., Toledo, Ohio
TOLEDO garden cultivators, wheel garden hoes, weeders—Thornburgh Mfg. Co., Bowling Green, Ohio
TOLEDO high speed steel—Jno. Hy. Andrew & Co., Ltd., 26 Cortland, New York
TOLEDO pipe cutters, pipe threading dies, dies, plates, ratchet boring tools, center finders—Toledo Pipe Threading Machine Co., 1440 Summit, Toledo, O.
TOLEDO steering coasters—Toledo Metal Wheel Co., Toledo, Ohio
TOLEDO CLIPPER garden barrows—Toledo Wheelbarrow Co., 2400 Broadway, Toledo, Ohio
TOLMAN-oxy-acetylene welding & cutting apparatus—Tolman Mfg. Co., 19 West 3rd, Boston, Mass.
TOLMAN tweezers—Adell Mfg. Co., Orange, Mass.
TOMAHAWK roofing brushes—New Jersey Brush Co., Bloomfield, N. J.
TOMLINSON barometric condensers—Allis-Chalmers Mfg. Co., Milwaukee, Wis.
TOMLINSON car couplers—Ohio Brass Co., Mansfield, Ohio
TOM THUMB carburetors—National Equipment Co., 123 S. Racine av, Chicago, Ill.
TOM-THUMB hand riveting machines—A. C. Williams Co., Ravenna, Ohio
TONADO barn door hangers—J. E. Porter Co., Ottawa, Ill.
TON-A-FORD truck units — Ton-A-Ford Truck Co., Racine, Wis.
TONAPAH cotton planing drills, riding listers—Racine-Sattley Co., Springfield, Ill.
TONAWANDA emery grinders—Gillis Machine Co., Tonawanda, N. Y.
TONDEUR window glass annealing lehrs—Woods-Lloyd Co., S. 30th & Jane, Pittsburgh, Pa.
TON-DON carriage & wagon axles—Sheldon Axle & Spring Co., Wilkes-Barre, Pa.
TONFORD truck units—Detroit Truck Co., Dime Bk. bldg, Detroit, Mich.
TONSORIAL gem razors—F. A. Clauberg & Co., 27 Park pl, New York
TOOTHLESS currycombs—Wisconsin Metal Products Co., Racine, Wis.
TOPAZ oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
TOPPS framing tools—G. A. Topp & Co., Indianapolis, Ind.
TORCH lamp black—L. Martin Co., 81 Fulton, New York
TORMAY engine & machine oilers—Ironsides Co., Columbus, Ohio
TORNADO coal drills—Herzler-Henninger Machine Works, Belleville, Ill.
TORNADO corn & cob mills—Appleton Mfg. Co., Batavia, Ill.
TORNADO ensilage & feed cutters, corn shellers & silos—W. R. Harrison & Co., Massillon, Ohio
TORNADO hand blowers—Geo. S. Comstock & Son, Mechanicsburg, Pa.
TORNADO hose—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
TORNADO insect guns—Thos. W. Houchin Co., 36 E. 12th, New York
TORNADO seed sowers—Whitman Agricultural Works Co., 7000 S. Broadway, St. Louis, Mo.
TORNADO spray pumps, tire air pumps—Judd-Leland Mfg. Co., Clifton Springs, N. Y.
TORNADO tube cleaners—Paul B. Huyette Co., 5 S. 18th, Phila., Pa.
TORNADO wood split pulleys—Erie Clutch & Pulley Co., Erie, Pa.
TORNQUIST electric protectors—Trio Mfg. Co., Rock Island, Ill.
TOROID lenses—Genesee Optical Co., Rochester, N. Y.
TORON wood preservative—Carbolineum Co., 41 Greene, New York
TORPEDO baby drills—Rix Compressed Air & Drill Co., 505 Howard, San Francisco, Cal.
TORPEDO electric massage vibrators—Schunck & Ogg, 235 Canal, New York
TORPEDO neck yokes—Reno Mfg. Co., Erie, Pa.
TORPEDO packing—Manhattan Rubber Mfg. Co., Passaic, N. J.
TORPEDO tube cleaners—General Specialty Co., Buffalo, N. Y.
TORREY rod springs—Columbian Hardware Co., Cleveland, Ohio
TORRID gasoline blast furnaces, blow torches, fire pots—Geo. W. Diener Mfg. Co., 400 Monticello av, Chicago, Ill.
TORRID steam heaters—W. H. Drake Co., 36 Clinton, Newark, N. J.
TORRID ZONE hot air furnaces—Lennox Furnace Co., Marshalltown, Ia.
TORRINGTON carpet sweepers & electric vacuum cleaners—National Sweeper Division of the Torrington Co., Torrington, Conn.
TORSION assay balances, testing scales—Torsion Balance Co., 92 Reade, New York
TORSION lock-nut plates, iron & steel washers—Torsion Nut Lock & Washer Co., 141 Milk, Boston, Mass.
TORTOISE rubber hose—Goodyear Rubber Co., 539 Mission, San Francisco, Cal.
TOSCANI CHEROOT cigar machinery—American Machine & Foundry Co., 5520 2nd av, Brooklyn, N. Y.
TOT scrubbing brushes—Standard Brush Co., New Hartford, Conn.
TOTAL eclipse hydrants—John C. Kupferle Foundry Co., 1st & Wright, St. Louis, Mo.
TOUGHIDE flat belting—F. Raniville Co., Grand Rapids, Mich.
TOURAINE steam heaters—Pierce, Butler & Pierce Mfg. Corp., 437 E. 162nd, New York
TOWER bean cultivators, walking & riding cultivators—J. D. Tower & Sons Co., Mendota, Ill.
TOWER car couplers—National Malleable Castings Co., 7706 Platt av, S. E., Cleveland, Ohio
TOWER electric cable hangers—Krantz Mfg. Co., 160 7th, Brooklyn, N. Y.
TOWER gang saw edgers, lumber trimmers—Gordon Hollow Blast Grate Co., Greenville, Mich.
TOWER paint—Driscoll Bros. & Co., Ithaca, N. Y.
TOWER rubber hose—Republic Rubber Co., Youngstown, Ohio
TOWERS pipe & nut wrenches, screw drivers—Union Hardware Co., Torrington, Conn.

TOWERS potato planters—Towers & Sullivan Mfg. Co., Rome, Ga.
TOWN & COUNTRY ready mixed paints—Harrison Works (Du Pont), 35th & Grays Ferry rd, Phila., Pa.
TOWNSEND'S lawn mowers, oil & grease guns—S. P. Townsend & Co., Orange, N. J.
TOWN TALK metal washboards—National Washboard Co., 72 W. Adams, Chicago, Ill.
TOXEMONT waterproofing materials—Toch Bros., 320 5th av, New York
TRAFILOG time recorders—Brown Trafilog Co., 6911 Carnegie av, S. E., Cleveland, Ohio
TRAHER belt dressing—Viscol Co., Cambridge, Mass.
TRAHERN pumping jacks—Trahern Pump Co., Rockford, Ill.
TRAILMOBILE automobile truck trailers—Trailmobile Co., 5th & Culvert, Cincinnati, Ohio
TRANE vacuum heating—Vacuum Heating Co., Heed bldg, Phila., Pa.
TRANSIL transformer oils—General Electric Co., Schenectady, N. Y.
TRANSIT split switches—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.
TRANSIT pumps & engines—National Transit Pump & Machine Co., Oil City, Pa.
TRANSOM draft gear—Commonwealth Steel Co., St. Louis, Mo.
TRANSPARENT floor finish—Murphy Varnish Co., McWhorter, Newark, N. J.
TRANSPARENT WATERPROOFING brick paints—Glidden Varnish Co., 1775 W. Madison, Cleveland, Ohio
TRANTER air compressors—Tranter Mfg. Co., 105 Water, Pittsburgh, Pa.
TRAUZERAK garment hangers—E. B. Estes & Sons, 364 5th av, New York
TRAVELIGHT traveling bags—Travelight Mfg. Co., 237 Lawrence, Phila., Pa.
TRAVIS glass bottles—Travis Glass Co., Clarksburg, W. Va.
TRAYLOR hot blast stoves—Traylor Engineering Co., Allentown, Pa.
TREAD-AIR rubber heels—Foster Rubber Co., 105 Federal, Boston, Mass.
TREAD-KILL industrial & portable railways—M. H. Treadwell Co., 208 S. La Salle, Chicago, Ill.
TREADWELL rubber heels—Atlantic Mfg. Co., Wilmington, Del.
TREADWELL shaking grates—M. H. Treadwell Co., of Ill., 140 Cedar, New York
TREASURE safety pins—Oakville Co., Waterbury, Conn.
TREASURY blotting paper—Jos. Parker & Son Co., New Haven, Conn.
TRECO automobile horns—Russell Electric Co., Danbury, Conn.
TREE BRAND cutlery—Boker Cutlery & Hardware Co., Inc., 101 Duane, New York
TRE-FOIL air valves, steam test & water gauges—Nelson Bogardus, Marshalltown, Ia.
TREMAIN steam stamps—Allis-Chalmers Mfg. Co., Milwaukee, Wis.
TREMAINE natural gas burners—T. H. Jamison, Claysville, Pa.
TREMONT electric lamp hoods—National Metal Stamping & Mfg. Co., 494 Mulberry, Newark, N. J.
TREMONT hot water radiators—Gurney Heater Mfg. Co., 188 Franklin, Boston, Mass.
TREMONT oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
TRENTON anvils—Columbus Forge & Iron Co., Columbus, Ohio
TRENTON boiler couplings, wash tray plugs—Trenton Brass & Machine Co., Trenton, N. J.
TRENTON trolley wagons—J. R. McCardell & Co., Trenton, N. J.
TRIANGLE carbon paper—H. M. Storms Co., 11 Vandewater, New York
TRIANGLE laundry starch—Corn Products Refining Co., 17 Battery pl, New York
TRIANGLE matches—Budde & Westerman, 7th av & 39th, New York
TRI-ANGLE poultry fountains, poultry coops—Tri-Angle Mfg. Co., Freeport, Ill.
TRIANGLE sad irons—American Electrical Heater Co., Detroit, Mich.
TRIANGULATE steel poles—Franklin Steel Works, Franklin, Pa.
TRI BELLE riding drills, riding listers—Moline Plow Co., Moline, Ill.
TRI-BISC pump valves—J. C. Edgecumbe & Co., 149 B'way, New York
TRIBLOC chain hoists—Ford Chain Block Mfg. Co., 130 N. Oxford, Phila., Pa.
TRIBUNE packing—Continental Rubber Works, Erie, Pa.
TRIBUTZ plumbing & heating specialties—Trimble & Lutz Supply Co., Wheeling, W. Va.
TRICYCLE riding listers—Rock Island Plow Co., Rock Island, Ill.
TRIDENT air valves, gauges, thermometers—Bogardus-Nelson Co., Marshalltown, Ia.
TRIDENT anvil vises, dredge chains, drill machines, guy clamps—Newhall Chain, Forge & Iron Co., 89 West, New York
TRIDENT conduit wiring rods—Diamond Expansion Bolt Co., 89 West, New York
TRIDENT engine lubricators—Wm. Powell Co., Cincinnati, Ohio
TRIDENT water meters—Neptune Meter Co., 50 E. 42d, New York
TRIDENT-CREST water-cart meters—Neptune Meter Co., 50 E. 42d, New York
TRIEDER binoculars—C. P. Goertz American Optical Co., 317 E. 34th, New York
TRILBY shoe blacking & polishes—Everett & Barron Co., 217 Canal, Providence, R. I.
TRILL steam engine indicators, planimeters—Trill Indicator Co., Corry, Pa.
TRIMALITE architectural varnishes—Keystone Varnish Co., 71 Otsego, Brooklyn, N. Y.
TRIMO wrenches, pipe cutters—Trimont Mfg. Co., Amory av, Roxbury, Boston, Mass.
TRIMOUNT air compressors, pumps—Trimount Rotary Power Co., 1343 Columbus av, Boston, Mass.
TRIMOUNT belting, cotton & rubber hose, sheet packing—Boston Belting Corp., 84 Linden Park, Boston, Mass.
TRINIDAD asphalt cements, road binders & preservatives—Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.
TRINITY belting—Combination Rubber Mfg. Co., Bloomfield, N. J.
TRINITY can openers, cork pullers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
TRINITY cement—Trinity Portland Cement Co., Dallas, Tex.
TRI-ODIN natural gas burners—Odin Stove Mfg. Co., Erie, Pa.
TRIO packing—Advance Packing & Supply Co., 11 N. Franklin, Chicago, Ill.
TRIPART metal fishing reels—A. F. Meisselbach & Bros., 29 Congress, Newark, N. J.
TRIPARTITE steel poles—Franklin Steel Works, Franklin, Pa.
TRIPLE spark plugs—Superior Motor Specialty Co., 44 N. 4th, Phila., Pa.
TRIPLE A. floor surfacing machines—Triple "A" Machine Co., 4125 Ravenswood av, Chicago, Ill.
TRIPLE CLUTCH animal traps—Triumph Trap Co., Inc., Oneida, N. Y.
TRIPLE heat electric sad irons—Waage Electric Co., 12 S. Jefferson, Chicago, Ill.
TRIPLE PETTICOAT glass insulators—Hemingray Glass Co., Covington, Ky.
TRIPLE sheet pure gum packing—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
TRIPLE TAPE safety fuse—du Pont de Nemours & Co., E. I., Wilmington, Del.
TRIPLEX bath tub seats—Triplex Bath Tub Chair Mfg. Co., Scranton, Pa.
TRIPLEX D gasoline oil paint-spray filling station, flexible metal lined hose—Metal Hose & Tubing Co., Raymond & Tillary, Brooklyn, N. Y.
TRIPLEX grinding rolls—Elspass Engineering & Mining Machinery Co., Denver, Colo.
TRIPLEX oil gauges—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
TRIPLEX spring hinges—Chicago Spring Butt Co., 340 Union Park ct., Chicago, Ill.
TRIPLEX tire air pumps—Judd & Leland Mfg. Co., Clifton Springs, N. Y.
TRIPLEXOGRAPH registers — Hainer Bookkeeping Co., 45 Williard av, Providence, R. I.
TRIPOLI buffing compositions—Hill & Griffith Co., 1248 State av, Cincinnati, O.
TRIPOLI FLOUR buffing compositions—American Tripoli Co., Seneca, Mo.
TRIPP packing—Wm. B. Merrill & Co., Jamaica Plain, Boston, Mass.
TRIPURES copper stills, feed water heaters, evaporators, sterilizing apparatus, welded tanks—Standard Water Systems Co., Hampton, N. J.
TRISALYT nickel salts—Roessler & Hasslacher Chemical Co., 100 William, New York
TRITON belting—Norwich Belt Mfg. Co., Norwich, Conn.
TRITON fire extinguisher—American La France Fire Engine Co., Elmira, N. Y.
TRITON hot water radiators—U. S. Radiator Corp., Detroit, Mich.
TRITON insulated wire—Atlantic Insulated Wire & Cable Co., Stamford, Conn.

TRITON ATLANTIC rubber covered wire—Atlantic Insulated Wire & Cable Co., Stamford, Conn.
TRITONE automobile whistles—Sibley & Pitman, 19 W. 36th, New York
TRITONE whistles—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
TRIUMP ale pumps, ball cocks—Ohio Pump & Brass Co., Columbus, Ohio
TRIUMPH animal traps—Triumph Trap Co., Oneida, N. Y.
TRIUMPH apple paring machines—Boutell Mfg. Co., Rochester, N. Y.
TRIUMPH ash sifters, wire cloth—Success Mfg. Co., Gloucester, Mass.
TRIUMPH auto stools—Bryan Novelty Mfg. Co., Bryan, Ohio
TRIUMPH bridle bits—Fernald Mfg. Co., North East, Pa.
TRIUMPH cider mills—Geo. S. Comstock & Son, Mechanicsburg, Pa.
TRIUMPH clippers—Coates Clipper Mfg. Co., Worcester, Mass.
TRIUMPH clothes wringers—American Ironing Machine Co., 166 N. Michigan, Chicago, Ill.
TRIUMPH coil chains—Bridgeport Chain Co., Bridgeport, Conn.
TRIUMPH cork pullers—Arcade Mfg. Co., Freeport, Ill.
TRIUMPH crushers, screens, mills, feeders, dryers, etc.—C. O. Bartlett & Snow Co., French, Cleveland, Ohio
TRIUMPH dough dividing & mixing machines—Triumph Mfg. Co., Cincinnati, Ohio
TRIUMPH electric elevator motors—Triumph Electric Co., Oakley, Cincinnati, Ohio
TRIUMPH engine indicators—Trill Indicator Co., Corry, Pa.
TRIUMPH ensilage cutters—Lyon Iron Works, Greene, N. Y.
TRIUMPH feed cutters—Mountville Mfg. Co., Mountville, Pa.
TRIUMPH fruit jar wrenches—Benj. P. Forbes, Cleveland, Ohio
TRIUMPH fuel level indicators—Boston Auto Gage Co., 8 Waltham, Boston, Mass.
TRIUMPH gas engines—Root & Vandervoort Engineering Co., East Moline, Ill.
TRIUMPH gasoline lamps—Brilliant Gas Lamp Co., 1009 S. Wabash, Chicago, Ill.
TRIUMPH hand carts—Swartwout Mfg. Co., Clinton, N. Y.
TRIUMPH hand corn planters—James Mfg. Co., Ft. Atkinson, Wis.
TRIUMPH harness snaps—Covert Saddlery Works, Interlaken, N. Y.
TRIUMPH harrows—Reed Fdry. & Mach. Co., Kalamazoo, Mich.
TRIUMPH hay tedders—Thomas Mfg. Co., Springfield, Ohio
TRIUMPH lawn sprinklers—Hardware Supply Co., Grand Rapids, Mich.
TRIUMPH liquid soap—Thos. B. Robertson Products Co., 700 W. Division, Chicago, Ill.
TRIUMPH milk bottle holders—Parker Wire Goods Co., Worcester, Mass.
TRIUMPH packing—Goetze Gasket & Packing Co., New Brunswick, N. J.
TRIUMPH paper hanger trimmers—A. Allen & Co., 2001 Carpenter, Phila., Pa.
TRIUMPH portable grain elevators—Fosston Mfg. Co., St. Paul, Minn.
TRIUMPH refrigerators—Challenge Refrigerators Co., Grand Haven, Mich.
TRIUMPH road scrapers—American Steel Scraper Co., Sidney, Ohio
TRIUMPH sash operating device—Payson Mfg. Co., 2918 W. Jackson blvd, Chicago, Ill.
TRIUMPH saw sets—Hy. Disston & Sons, Tacony, Phila., Pa.
TRIUMPH shingle mill machinery—Novelty Iron Wks. Co., Dyersville, Ia.
TRIUMPH ship & deck pumps—Deming Co., Salem, O.
TRIUMPH spark plugs—A. R. Mosler & Co., Mt. Vernon, N. Y.
TRIUMPH sugar centrifugals—Blymyer Iron Works Co., Cincinnati, Ohio
TRIUMPH tea filters—Hamblin & Russell Mfg. Co., Worcester, Mass.
TRIUMPH tobacco counter cutters—Griswold Mfg. Co., Erie, Pa.
TRIUMPH valves—Triumph Valve Mfg. Co., Mansfield, Ohio
TRIUMPH water lifts—Ohio Pump & Brass Co., Columbus, Ohio
TRIUMPHATOR calculating machines—Triumphator Calculating Machine Co., 81 New, New York
TRIUMPH SERIES steam heaters—Craig-Reynolds Foundry Co., Dayton, Ohio
TRI-WHEELER riding listers—St. Joseph Plow Co., St. Joseph, Mo.
TROIKE automobile muffiers—Troike Muffier & Mfg. Co., Loraine, Ohio
TROJAN belt dressing—Barnum Bros. Co., Troy, N. Y.
TROJAN box straps—DeHaven Mfg. Co., 50 Columbia Hgts, Brooklyn, N. Y.
TROJAN cordage & twine—St. Louis Cordage Mills, 1715 S. 11th, St. Louis, Mo.
TROJAN files—Troy File Works, Troy, N. Y.
TROJAN glass cutters—J. E. Miller & Co., 330 W. Kinzie, Chicago, Ill.
TROJAN harness snaps—Covert Mfg. Co., Troy, N. Y.
TROJAN lawn canopies—Troy Carriage Sun Shade Co., Troy, Ohio
TROJAN lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.
TROJAN locomotive bell ringers, metallic packing, valve grinding compounds—H. G. Hammett, Troy, N. Y.
TROJAN lubricators—Wm. Powell Co., Cincinnati, Ohio
TROJAN mop sticks & holders—Arcade Mfg. Co., Freeport, Ill.
TROJAN mop sticks & holders—Parks & Parks, Troy, N. Y.
TROJAN mop sticks & holders—Stover Mfg. Co., Freeport, Ill.
TROJAN powder—Pennsylvania Trojan Powder Co., Allentown, Pa.
TROJAN pressure regulators, valves—Ross Valve Mfg. Co., 9 Oakwood av, Troy, N. Y.
TROJAN steam heaters—Aird-Don Co., Troy, N. Y.
TROKAL floor finish—Eugene E. Nice, 272 S. 2nd, Phila., Pa.
TROMBLEE-PAUL rotary sulphur burners—Glens Falls Mach. Wks., Glens Falls, N. Y.
TROMMELL mining screens—Galena Iron Works Corp., Galena, Ill.
TROPHY oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
TROPICAL RUBBER roofing paints—Tropical Paint & Oil Co., W. 70th, Cleveland, Ohio
TROPICAL waterproofing paint—Tropical Paint & Oil Co., W. 70th, Cleveland, Ohio
TROTTERS commutator compounds—Jas. Goldmark Co., 83 Warren, New York
TROUT rubber lined cotton hose—Goodyear Rubber Co., 539 Mission, San Francisco, Cal.
TROUT'S steam feed valves—Lufkin Foundry & Machine Co., Lufkin, Tex.
TROY automobile wind shields—Troy Carriage Sunshade Co., Troy, Ohio
TROY wagons—Troy Wagon Works Co., 100 E. Race, Troy, Ohio
TROY LADIES' PRIDE sad irons—Wrightsville Hardware Co., Wrightsville, Pa.
TROUGH CON canvas belting—Victor Balata & Textile Belting Co., 38 Murray, New York
TRUCKFORD truck units—Robinson Machine Co., 4629 W. Jefferson av, Detroit, Mich.
TRUCKMOBILE truck units—Commercial Truckmobile Co., 1720 S. Mich. av, Chicago, Ill.
TRUE baking enamels—P. A. Mets Paint Co., 769 Clinton, Buffalo, N. Y.
TRUE manganese steel castings—American Steel Foundries, McCormick bldg, Chicago, Ill.
TRUE mitre boxes—Nicholls Mfg. Co., Ottumwa, Ia.
TRUE BLUE cultivators—Blount Plow Works, Evansville, Ind.
TRUE BLUE stocks & dies—J. M. Carpenter Tap & Die Co., Pawtucket, R. I.
TRUE OAK belting—Smyth-Despard Co., Utica, N. Y.
TRUESTYLE steel ranges—Wisconsin Fdry. & Steel Works, Cedar Grove, Wis.
TRUE TEMPER hand forks, hoes, rakes & hooks—American Fork & Hoe Co., Cleveland, Ohio
TRUFFAULT-HARTFORD shock absorbers—Hartford Suspension Co., 141 Morgan, Jersey City, N. J.
TRUMBULL knife switches, light switchboards—Trumbull Electric Mfg. Co., Plainville, Conn.
TRUMP bag holders—Trumpfheller Mfg. Corp., 447 Ellicott sq, Buffalo, N. Y.
TRUMP conductors' ticket punches—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
TRUMPET metal polish—Borsum Bros., 227 Fulton, New York
TRUSCON bldg products—Truscon Steel Co., Youngstown, Ohio
TRUSSVILLE pig iron—Gulf States Steel Co., Birmingham, Ala.
TRUSTOID air drill hose—Thermoid Rubber Co., Trenton, N. J.

TRUSTY gasoline strainers—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
TRUSTY screwdrivers—Bridgeport Hdwe. Mfg. Corp., Bridgeport, Conn.
TRY ME ball cocks—Try-Me Mfg. Co., Springfield, Mass.
TRY ME ball cocks—Universal Tool Co., Springfield, Mass.
TRYON baseballs, baseball gloves—Edw. K. Tryon Co., 611 Market, Phila., Pa.
TUBAL manganese bronze ingots, manganese phosphor rods, pump rods—Paul S. Reeves & Co., 1415 Catherine, Phila., Pa.
TUBULAR potato planters—Potato Implement Co., Traverse City, Mich.
TUCK packing—Schultz Patent Rubber Co., Phila., Pa.
TUCKAHOE oil & grease guns—Ruby Mfg. Co., Tuckahoe, N. Y.
TUCKAHOE toggles—U. S. Expansion Bolt Co., 25 Elin, New York
TUCKER casters—Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
TUCKER grease traps—J. L. Mott Iron Works, Trenton, N. J.
TUCKER oil hole covers & cups—W. W. & C. F. Tucker, Hartford, Conn.
TUCKS packing—New York Belting & Packing Co., 91 Chambers, New York
TUCKS packing—Crandall Packing Co., Palmyra, N. Y.
TUCK'S tobacco counter cutters—Wm. Schollhorn Co., New Haven, Conn.
TUDOR water closets—Jas. Barrett Mfg. Co., 117 Pearl, Boston, Mass.
TUDOR ACCUMULATOR storage batteries—Electric Storage Battery Co., 19th & Allegheny av, Philadelphia, Pa.
TUEBOR fire hose—N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
TUEC vacuum cleaners—United Electric Co., Canton, Ohio
TUERK exhaust fans, water motors—Hunter Fan & Motor Co., Fulton, N. Y.
TUFFER wood handles—Wm. Charlesworth Handle Co., Fayetteville, Ark.
TUF-TEX burlaps—Lehon Co., W. 45th & S. Western av, Chicago, Ill.
TUFTEX automobile transmission lining, solid woven belting, asbestos brake lining—Empire Weaving & Belting Co., East Rochester, N. Y.
TUFTEX solid cotton belting—Empire Weaving & Belting Corp., E. Rochester, N. Y.
TULIP fruit jar rubbers—Empire Tire & Rubber Corp., East Trenton, N. J.
TULLE lubricating oils & greases—Universal Lubricating Co., Schofield bldg, Cleveland, Ohio
TUMBLER egg & cream beaters—Taplin Mfg. Co., New Britain, Conn.
TUNGAR rectifiers—General Electric Co., Schenectady, N. Y.
TUNGARD harness buckles—North & Judd Mfg. Co., New Britain, Conn.
TUNIS lavatories & fittings—James Barrett Mfg. Co., 117 Pearl, Boston, Mass.
TUPPER grate bars—Daugherty Foundry Co., Allentown, Pa.
TUPPER grate bars—Edw. Sellers, Lewisburg, Pa.
TUPPER grate bars—Valley Iron Works, Williamsport, Pa.
TUPPER shaking grates—Chas. Robson & Co., 8th & Washington av, Philadelphia, Pa.
TURBINE egg & cream beaters—Cassaday Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
TURBO humidifier apparatus—G. M. Parks Co., Fitchburg, Mass.
TURBOIL lubricating oils—Scrymser Co., 80 South, New York
TUR-MIN-TINE mineral turpentine—Waverly Oil Works Co., Pittsburgh, Pa.
TURN BRAND pruning shears—Graef & Schmidt, 107 Chambers, N. Y.
TURNBULL wagons, wagon dump boxes—Turnbull Wagon Co., Defiance, Ohio
TURNBULL'S spring counter scales—Landers, Frary & Clark, New Britain, Conn.
TURNER DRAG LINE ditching machines—United Iron Wks. Co., Kansas City, Mo.
TURNER drawer slides—Grant Pulley & Hardware Co., 101 Park av, New York
TURNER interior telephones—National Dictagraph Co., 220 W. 42nd, New York
TURNER leather belt machines, presses, etc.—Turner Tanning Mach'y Co., Peabody, Mass.
TURNER low water alarms, safety water columns—Binghamton Machine Works, Binghamton, N. Y.
TURNER oil filters, lubricating oil storage tanks—Turner Oil Filter Co., Niles, Mich.
TURNER roller covering machines—J. S. Turner Mfg. Co., Lowell, Mass.
TURNER shock absorbers, tire air pumps—Turner Brass Works, Sycamore, Ill.
TURNER-TURRET vertical boring & chucking machines—Turner Machine Co., Danbury, Conn.
TURNLOW gas soldering furnaces—Chicago Hardware Foundry Co., 544 W. Washington, N. Chicago, Ill.
TURNMORE adjustable wrenches—Anderson Wrench Co., Portland, Conn.
TURPOLENE turpentine substitute—Climax Western Oil Co., Minneapolis, Minn.
TURPSENE turpentine substitute—Turpsene Mfg. Co., 1901 Callowhill, Philadelphia, Pa.
TURPSOID turpentine substitute—Geo. H. Garnet Co., Allentown, Pa.
TURPYNE wood turpentine—Georgia Pine Turpentine Co., 158 Perry, New York
TURQUOISE kitchen enameled ware—Columbian Enameling & Stamping Co., Terre Haute, Ind.
TURTLE belt fasteners—Flexible Steel Lacing Co., 522 S. Clinton, Chicago, Ill.
TURTLE match safes—Nicol & Co., 218 N. Jefferson, Chicago, Ill.
TURXO packing—New York Belting & Packing Co., 91 Chambers, New York
TURZ-LITE gasoline arc lamps, sad irons—Tures Mfg. Co., Milwaukee, Wis.
TUSCALOOSA pig iron—Central Iron & Coal Co., 90 West, New York
TUSCAN cotton softeners—Harding & Fancourt, 516 S. Delaware av, Philadelphia, Pa.
TUSCORA kitchen enameled ware—Belmont Stamping & Enameling Co., New Phila., Ohio
TUSCORA molding sand—Tuscora Sand & Coal Co., 719 Prospect, Hippodrome bldg, Cleveland, Ohio
TUTHILL water wheels—United Iron Works, Oakland, Cal.
TUTTHELL turbine water wheels—Trump Mfg. Co., San Francisco, Cal.
TUTTLE tapping machines—Evans Stamping & Plating Co., Taunton, Mass.
TUXEDO card tables—E. T. Burrowes Co., Portland, Me.
TUXEDO electric lamp hoods—National Metal Stamping & Mfg. Co., 494 Mulberry, Newark, N. J.
TUXEDO lawn mowers—Chadborn & Coldwell Co., Newburgh, N. Y.
TUXEDO unions—Franklin Williams, Inc., 39 Cortlandt, New York
TUYERE grate bars—Gordon Hollow Blast Grate Co., Greenville, Mich.
TWELVE electric vacuum cleaners—Hurley Machine Co., 29 S. Clinton, Chicago, Ill.
12-IN-1 combination tools—Harrah Mfg. Co., Bloomfield, Ind.
TWELVE MULE TEAM gasoline engines—Associated Mfrs. Co., Waterloo, Iowa
20TH CENTURY balancing tools—Rockford Tool Co., Rockford, Ill.
20TH CENTURY barn door hangers—Hunt, Helm, Ferris & Co., Harvard, Ill.
20TH CENTURY bath tub seats—U. S. Sanitary Mfg. Co., Arot bldg., Pittsburgh, Pa.
20TH CENTURY bed casters—Keystone Friction Hinge Co., Williamsport, Pa.
20TH CENTURY belt dressing—Bayerson Oil Works, Erie, Pa.
20TH CENTURY belt lacing & steel belt lacing studs—Manufacturers' Belt Hook Co., 1321 W. Congress, Chicago, Ill.
TWENTIETH CENTURY boring tools—Wellman Co., Medford, Mass.
20TH CENTURY can & bag carriers—Wirt & Knox Mfg. Co., 23 N. 4th, Phila., Pa.
20TH CENTURY can openers—Knickerbocker Mfg. Co., Belleville, N. J.
20TH CENTURY children's vehicles—Kirk-Latty Mfg. Co., W. 85th (bet. Detroit & Madison av.), Cleveland, Ohio
20TH CENTURY collar shaping machines—Wm. A. Zeidler Co., 163rd & Melrose av, New York
20TH CENTURY concrete mixers—Twentieth Centry Mixer Co., Connorsville, Ind.
20TH CENTURY creamery testers—Creamery Package Mfg. Co., 61 W. Kinzie, Chicago, Ill.
TWENTIETH CENTURY drill chucks—Standard Machinery Co., Mystic, Conn.
20TH CENTURY drinking fountains—M. & H. Foundry & Mfg. Co., Belleville, Ill.

20TH CENTURY forge blowers—Champion Tool Co., Meadville, Pa.
20TH CENTURY fruit evaporators—Munnsville Plow Co., Munnsville, N. Y.
20TH CENTURY gas engines—New York Yacht, Launch & Engine Co., Morris Heights, New York
TWENTIETH CENTURY gas machines, gas producers—C. M. Kemp Mfg. Co., 401 E. Oliver, Baltimore, Md.
20TH CENTURY hinge mfrs.—Keystone Friction Hinge Co., Williamsport, Pa.
20TH CENTURY ice & refrigerating machines—Boland Machinery Co., 552 W. Van Buren, Chicago, Ill.
20TH CENTURY ice skates, roller skates—Kohler Die & Specialty Co., De Kalb, Ill.
20TH CENTURY linoleum cements—L. W. Ferdinand & Co., 154 Kneeland, Boston, Mass.
20TH CENTURY lunch boxes—Reading Saddle & Mfg. Co., Reading, Pa.
20TH CENTURY mail boxes—Wm. F. Heise Mfg. Co., 355 Union pk ct, Chicago, Ill.
20TH CENTURY milk can washing machines—Oakes & Burger Co., Cattaraugus, N. Y.
20TH CENTURY nut crackers & picks—Gray Iron Foundry Co., Reading, Pa.
20TH CENTURY packing—American Steam Packing Co., 10 High, Boston, Mass.
20TH CENTURY packing—Martell Packings Co., Inc., The, Elyria, Ohio
20TH CENTURY pickup sweepers—Baker Mfg. Co., Springfield, Ill.
20TH CENTURY pipe vises—Prentiss Vise Co., 110 Lafayette, New York
20TH CENTURY rug exhibitors—Consolidated Carpet Sewing Machine Co., Bridgeport, Conn.
20TH CENTURY snow plows—Baker Mfg. Co., Springfield, Ill.
TWENTIETH CENTURY spark timers—Powell Muffler & Timer Co., Utica, N. Y.
20TH CENTURY steam engine, indicators, tube cleaners—Richard Thompson & Co., 126 Liberty, New York
20TH CENTURY store stools—Bryan Novelty Mfg. Co., Bryan, Ohio
TWENTIETH CENTURY tank heaters—Butler Co., Butler, Ind.
20TH CENTURY tire protectors—20th Century Tire Protector Co., Midlothian, Tex.
20TH CENTURY vegetable oil soap—Theo. B. Robertson Products Co., Inc., 700 W. Division, Chicago, Ill.
TWENTY-FIRST CENTURY valve bags—Urschel-Bates Valve Bag Co., Toledo, Ohio
23 POLISH—Mutual Auto Accessories Co. of America, 1777 B'way, New York
23-SKIDDO paint & varnish remover—Keystone Varnish Co., 71 Otsego, Brooklyn, N. Y.
22 HI-POWER ammunition—Savage Arms Corp., Utica, N. Y.
TWITCHELL tire pressure gauges—Twitchell Gauge Co., 1516 S. Wabash av, Chicago, Ill.
TWITCHELL'S acidometers—Chas. J. Tagliabue Mfg. Co., 20 33rd, Brooklyn, N. Y.
TWIN cultivators—J. I. Case Plow Works, Racine, Wis.
TWIN BRAND ink erasers—Graef & Schmidt, 107 Chambers, New York
TWIN jacks—Weaver Mfg. Co., Springfield, Ill.
TWIN wall ties—Hunt Metal Corner Co., Westboro, Mass.
TWIN CITY engines, derricks, hoists—Minneapolis Steel & Machinery Co., Minneapolis, Minn.
TWIN GRIP paper fasteners—De Long Hook & Eye Co., Phila., Pa.
TWINPLEX safety razor stroppers—Twinplex Sales Co., 1602 Locust, St. Louis, Mo.
TWINROLD box strapping—Stanley Works, New Britain, Conn.
TWIN-TACT spark plugs — Superior Motor Power Co., 135 5th av, New York
TWINTILE motor cloth—Boston Woven Hose & Rubber Co., Cambridge, Mass.
TWINVOLUTE pumps—Twinvolute Pump & Mfg. Co., 55 William, New York
TWO CELL electric lanterns—Hytees' Factories, Inc., Indianapolis, Ind.
2 IN 1 engine lathes—J. J. McCabe, 149 B'way, New York
2 IN 1 polish—F. F. Dalley Co., Buffalo, N. Y.
2-IN-1 spark plug wrenches—Chas. Miller, Syracuse, N. Y.
TWO-IN-ONE toe walk welding dies—Cleveland Shaft Spring Co., Cleveland, Ohio
TWOPLEX demijohns—Fred C. White, 241 Water, New York
TWO-WAY plug—Benjamin Electric Mfg. Co., 128 S. Sangamon, Chicago, Ill.
TWO-WAY wire connectors—Frank Ridlon Co., 251 A, Boston, Mass.
TY COBB sporting & athletic goods—W. B. Jarvis Co., Grand Rapids, Mich.
TYCOS instruments—Taylor Instrument Companies, Rochester, N. Y.
TYDEN self-locking seals—International Seal & Lock Co., Hastings, Mich.
TYDOL gasoline—Tidewater Oil Co., 11 B'way, New York
TYLER feed water weighers, steam traps—Tyler Underground Heating System, 815 S. Canal, Pittsburgh, Pa.
TYLER steam traps—Tyler Underground Heating System, 815 S. Canal, Pittsburgh, Pa.
TYLER wrought steel window frame—W. S. Tyler Co., Cleveland, Ohio
TYLER'S calf weaners—Wm. E. Pratt Mfg. Co., 35 W. Lake, Cihcago, Ill.
TYPHON clothes washing machines—Richmond Cedar Works, Fulton, Richmond, Va.
TYPHOON double-acting pumps—Fairbanks, Morse & Co., 900 S. Wabash av, Chicago, Ill.
TYPHOON turbine blowers—L. J. Wing Mfg. Co., 352 W. 13th, New York
TYRIAN automobile horn bulbs, inner automobile tubes, rubber-headed tacks, rubber blankets, blowers, bed pans, syringes, bottles, tobacco pouches & bath sprays—Tyer Rubber Co., Andover, Mass.
TYROLEAN electric bells—Electric Goods Mfg. Co., Canton, Mass.
TYRONE automatic sand drums—Roberts & Schaefer Co., 332 S. Michigan av, Chicago, Ill.
TYTE-UNYTE pipe joint cements—J. C. Whitlam Mfg. Co., Wadsworth, Ohio

U concrete reinforcing materials, reinforcing bar benches—Neevel Mfg. Co., Kansas City, Mo.
U packing—Providence Belting Co., 7 Beverly, Providence, R. I.
U packing—Wolverine Leather Goods Co., Detroit, Mich.
U. C. water coolers—Union Cooperage Co., 2nd & Penrose, St. Louis, Mo.
U. M. clothes washing machines—Coffield Motor Washer Co., Dayton, Ohio
U. F. CO. cast iron soil pipes—Union Foundry Co., Anniston, Ala.
U-NETTES filing cabinets—General Fireproofing Co., Youngstown, Ohio
U-N-O shoe blacking & polishes—Everett & Baron Co., 217 Canal, Providence, R. I.
U N X L D galvanized laundry tub covers—Greason Mfg. Co., 108 W. 99th, New York
U-AU-TO axle grease & linseed oil soap—Sinclair Refining Co., Albany, N. Y.
UBBINK curb forms—Joe Ubbink, Port Washington, Wis.
UDELL ironing boards—Udell Works, Indianapolis, Ind.
UGITE road binders & preservatives—United Gas Improvement Co., Phila., Pa.
UHL metallic furniture, adding machine stands—Toledo Metal Furniture Co., Toledo, Ohio
U-KAN-PLATE metal polish—A. R. Justice Co., 607 Chestnut, Phila., Pa.
UKO spark plugs, stove polish—Utility Co., 636 W. 44th, New York
ULCO lead rope, lead wood packing—United Lead Co., 111 Broadway, New York
ULRICH adjustable shadowless tables—Wausau Fixture Co., Wausau, Wis.
ULSTER chair seats—Blair Veneer Co., North Troy, N. Y.
ULSTER kitchen knives—Divine Dwight & Sons, Ellenville, N. Y.
ULSTER staybolt iron—Ulster Iron Works, Dover, N. J.
ULTEX propection lenses—Bausch & Lomb Optical Co., Rochester, N. Y.
ULTIMATE water closets — Jackson Potteries Co., Fulton bldg, Pittsburgh, Pa.
ULTRA tire air pumps—Stevens & Co., 373 Broadway, New York
ULTRA BLAC automobile varnish—Atlantic Varnish Works, Inc., Richmond, Va.
ULTRA CAPITAL steel—Edgar T. Ward's Sons, 44 Farnsworth, Boston, Mass.
UMAKEM toy outfits—W. R. Price, Inc., 127 5th av, New York
UMPIRE wall ties—Church Appliance Mfg. Co., La Salle, Ill.
UNCLE SAM cultivators—Grand Detour Plow Co., Dixon, Ill.

UNCLE SAM grass sheep shears—Geo. E. Gay, Augusta, Me.
UNCLE SAM picture hooks—Forsyth Metal Goods Co., East Aurora, N. Y.
UNCLE SAM riveting machines—A. C. Williams Co., Ravenna, Ohio
UNCLE SAM spring tooth attachments—B. F. Avery & Sons, Louisville, Ky.
UNCLE SAM stove pipe dampers—Sayre Stamping Co., Sayre, Pa.
UNCLE SAM'S portable punches—Whitney Metal Tool Co., Rockford, Ill.
UNDERHILL axes—American Axe & Tool Co., Glassport, Pa.
UNDERWOOD belting—Wm. Sumner Belting Co., Tolland, Conn.
UNDERWOOD self-feeding drills—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
UNDERWRITERS fire door hangers—Stowell Co., S. Milwaukee, Wis.
UNDERWRITERS fire extinguishers—Knight & Thomas, 212 Summer, Boston, Mass.
UNDERWRITERS fire hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
UNEEDA ranges—Huenefeld Co., Cincinnati, Ohio
UNEEDIT gas sad irons—Rosenbaum Mfg. Co., 33 Bleecker, New York
UNEQUALED oak flooring—T. Wilce Co., 2209 Throop, Chicago, Ill.
UNICO carbon paper—Union Paper & Twine Co., 125 St. Clair av, N. W. Cleveland, Ohio
UNICUM chair seats—Theo. H. Gary Co., 61 Irving pl, New York
UNIFIC gauge glasses—H. A. Rogers Co., 87 Walker, New York
UNIFONTE brazing compounds—Phillips-Laffitte Co., Penna. bldg., Phila., Pa.
UNILETS conduit fittings—Appleton Elect. Co., 230 N. Jefferson, Chicago, Ill.
UNI-LITE kerosene oil tubular lanterns — Acorn Brass Mfg. Co., 426 S. Clinton, Chicago, Ill.
UNION air compressors—Union Steam Pump Co., Battle Creek, Mich.
UNION annealing boxes—Union Steel Casting Co., 62nd & Butler, Pittsburgh, Pa.
UNION barn door hangers, barn door rollers, stay rolls—Lawrence Bros., Sterling, Ill.
UNION belting, packing, hose—Voorhees Rubber Mfg. Co., 18 Bostwick, Jersey City, N. J.
UNION carboy rockers—Horace M. McCord & Co., Lumber Exchange, Minneapolis, Minn.
UNION chucks, planes—Union Mfg. Co., New Britain, Conn.
UNION-CINCH pipe fittings—Richardson-Phenix Co., Milwaukee, Wis.
UNION cork board insulation—Union Fibre Co., Winona, Minn.
UNION corn planters—Ohio Rake Co., Dayton, Ohio
UNION electric & enclosed indicating & junction fuses, fuse cut-outs, switch boxes, fusible fire door links—Chicago Fuse Mfg. Co., 1014 W. Congress, Chicago, Ill.
UNION ensilage cutters—Heebner & Sons, Lansdale, Pa.
UNION feed cutters—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
UNION film oil—Union Petroleum Co., Widener bldg, Phila., Pa.
UNION flint paper—American Glue Co., 121 Beverly, Boston, Mass.
UNION frogs, switches & crossings—Morden Frog & Crossing Works, 208 S. La Salle, Chicago, Ill.
UNION gas engines—Union Gas Engine Co., 244 1st, San Francisco, Cal.
UNION grain drills, stalk cutters—Peoria Drill & Seeder Co., Peoria, Ill.
UNION lawn rakes—Union Fork & Hoe Co., Columbus, Ohio
UNION lemon squeezers—Arcade Mfg. Co., Freeport, Ill.
UNION lubricator valves—Wm. Powell Co., Cincinnati, Ohio
UNION milk cans—Oakes & Burger Co., Cattaraugus, N. Y.
UNION packing—Greene, Tweed & Co., 109 Duane, New York
UNION paper bags—Union Bag & Paper Co., 1968 233 B'way, New York
UNION plasterers' steel beads—Union Metal Corner Co., 18 Heath, Boston, Mass.
UNION porch columns, arc lamp posts—Union Metal Mfg. Co., Canton, Ohio
UNION rail bonds—Union Electric Co., Pittsburgh, Pa.
UNION railway track drills—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.
UNION sand & gravel screens—Union Steel Products Co. (Ltd.), Albion, Mich.
UNION sausage stuffers—Union Machine Works & Iron Foundry, 1825 S. Water, Phila., Pa.
UNION screw drivers—Geo. E. Gay, Augusta, Me.
UNION steam jet blowers—Scranton Pump Co., Scranton, Pa.
UNION stone jacks, chain hoists, boot protectors, trench braces, wire rope clips & contractors' pumps—Jas. H. Channon Mfg. Co., 227 W. Erie, Chicago, Ill.
UNION stovette electric stoves—Union Electric Products Co., Kerr bldg., Detroit, Mich.
UNION sweep horse powers—C. L. Clark, St. Johnsburg, Vt.
UNION tool chests—Union Tool Chest Co., Inc., 99 Railroad, Rochester, N. Y.
UNION tool grinders—Barcalo Mfg. Co., Buffalo, N. Y.
UNION standard trolley line materials—R. D. Nuttall Co., McCandless & Harrison av, Pittsburgh, Pa.
UNION truck units—Union Truck Mfg. Co., 250 W. 54th, New York
UNION water closets—Pierce, Butler & Pierce Mfg. Corp., 437 E. 162nd, New York
UNION water meters—Union Water Meter Co., Worcester, Mass.
UNION COMPOUNDING VALVE water heaters—Union Water Meter Co., Worcester, Mass.
UNION GIANT corn & cob mills, gasoline engines—Union Foundry & Machine Co., Ottawa, Kans.
UNION, JR. seeders & sowers—Peoria Drill & Seeder Co., Peoria, Ill.
UNION PACIFIC self-feeding drills—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
UNIPHITE packing—Peerless Rubber Mfg. Co., 31 Warren, New York
UNIPIVOT pyrometers, galvanometers & bridges—Wilson-Maeulen Co., 781 E. 142nd, New York
UNIQUE attrition mills—Robinson Mfg. Co., Muncy, Pa.
UNIQUE boiler injectors—Rue Mfg. Co., 228 Cherry, Phila., Pa.
UNIQUE coaster wagons—Sheboygan Coaster & Wagon Works, Sheboygan, Wis.
UNIQUE cover paper—C. H. Dexter & Sons, Windsor Locks, Conn.
UNIQUE electric illuminated signs—P. Pause & Co., 400 W. Erie, Chicago, Ill.
UNIQUE heaters—New Milford Foundry & Machine Co., New Milford, Conn.
UNIQUE horse tail ties—Geo. S. Knapp, Bridgeport, Conn.
UNIQUE metallic shingles—Meurer Bros. Co., 575 Flushing av, Brooklyn, N. Y.
UNIQUE nutmeg graters—Hamblin & Russell Mfg. Co., Worcester, Mass.
UNIQUE radiator hot water valves—Honeywell Heating Specialty Co., Wabash, Ind.
UNIQUE smokeless rifle powder—Hercules Powder Co., Wilmington, Del.
UNIQUE steel measuring tapes—Keuffel & Esser Co., Hoboken, N. J.
UNIQUE toilet paper holders—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
UNIT concrete reinforcing materials—A. P. Hanson & Son, 1911 Emerson av, Chicago, Ill.
UNIT deep well pumps—Kewanee Private Utilities Co., Kewanee, Ill.
UNIT flushing valves, siamese connections—Murray & Sorenson, 227 W. 17th, New York
UNIT garbage receivers—C. H. Stephenson, Lynn, Mass.
UNIT spirals for concrete columns—American System of Reinforcing, 10 S. La Salle, Chicago, Ill.
UNIT lock-nuts & washers—McClellan Nut Co., 7046 Wentworth av, Chicago, Ill.
UNITAS adding machines—Oscar Muller Co., 32 Broadway, New York
UNITAS sanitary flooring—Embossed Wall Covering Co., 880 N. 48th, Philadelphia, Pa.
UNITAS wall coverings—Embossed Wall Covering Co., 880 N. 48th, Philadelphia, Pa.
UNITED bath fittings & valves—United Brass Mfg. Co., 3844 Hamilton av, Cleveland, Ohio
UNITED concrete mixers & electric lighting system—United Engine Co., Lansing, Mich.
UNITED-OTTO coke oven construction—Welputle Coke Oven Corp., 469 5th av, New York
U. S. air brake hose—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
U. S. ball cocks—Julian d'Este Co., 24 Canal, Boston, Mass.
U. S. barn door hangers—Hunt, Helm, Ferris & Co., Harvard, Ill.
U. S. barrows—Sidney Steel Scraper Co., Sidney, Ohio

U. S. belting—Reed & Duecker, Memphis, Tenn.
U. S. block system signals, electric railway signals—United States Electric Signal Co., West Newton, Mass.
U. S. boiler injectors—American Injector Co., Detroit, Mich.
U. S. buffing compositions—U. S. Chemical Co., 3621 Lakeside av, N. E. Cleveland, Ohio
U. S. carbon paper—United States Typewriter Ribbon Mfg. Co., 8th & Sansom, Philadelphia, Pa.
U. S. clinker hooks, flexible steel wire mats, porch swings—United States Wire Mat Co., Decatur, Ill.
U. S. clothes pins—U. S. Clothespin Co., Montpelier, Vt.
UNITED STATES clothes washing machines—N. Brown Co., Wapakoneta, Ohio
UNITED STATES cream separators—Vermont Farm Machine Co., Bellows Falls, Vt.
U. S. cook stove evaporators—Edw. B. Fahrney, Waynesboro, Pa.
U. S. dinner pails—Central Stamping Co., 172 Fulton, New York
U. S. door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
U. S. STANDARD dry batteries—National Carbon Co., Cleveland, Ohio
U. S. equalizers—U. S. Pressed Steel Co., Ypsilanti, Mich.
U. S. fire extinguishers—Missouri Lamp & Mfg. Co., 114 Elm, St. Louis, Mo.
U. S. gate valves—Wm. Powell Co., Cincinnati, Ohio
U. S. grain graders—B. S. Coustant Mfg. Co., Bloomington, Ill.
U. S. grapple forks—U. S. Wind Engine & Pump Co., Batavia, Ill.
U. S. guard rail clamps—United States Malleable Iron Co., Toledo, Ohio
U. S. hand corn planters—Wabers Mfg. Co., Racine, Wis.
U. S. horse shoes—United States Horse Shoe Co., Erie, Pa.
U. S. hot air furnaces—Columbus Heating & Ventilating Co., Columbus, Ohio
U. S. hot air registers—U. S. Register Co., Ltd., Battle Creek, Mich.
U. S. ice skates, nail sets—P. Lowentraut Mfg. Co., Newark, N. J.
U. S. IGNITOR ignition batteries—National Carbon Co., Madison av, N. W., & W. 117th, Cleveland, Ohio
U. S. low water alarms, safety water columns—Leopold Steigert, Logan & Elder, Cincinnati, Ohio
U. S. meat & food choppers—Smith & Hemenway Co., 261 B'way, New York
U. S. metal polish—Geo. W. Hoffman Co., 557 E. Washington, Indianapolis, Ind.
U. S. padlocks—Slaymaker Lock Co., Lancaster, Pa.
U. S. planes—Sargent & Co., New Haven, Conn.
U. S. pop safety valves—J. E. Lonergan Co., 211 Race, Philadelphia, Pa.
UNITED STATES rail bonds—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
U. S. sash cords—Whittier Mills Co., Chattahooche, Ga.
U. S. sleet cutters—R. D. Nuttall Co., McCandless & Harrison av, Pittsburgh, Pa.
U. S. SPIRAL WATERPROOF trolley arc cords—Whittier Mills Co., Chattahoochee, Ga.
U. S. standard babbitt metal—Riverside Metal Refining Co., Connellsville, Pa.
U. S. standard gauges, tank indicators—Quimby Engineering Co., 913 Ridge av, Philadelphia, Pa.
U. S. standard door hangers—Safety Door Hanger Co., Ashland, Ohio
U. S. standard hot pressed nuts—American Equipment Co., Norristown, Pa.
U. S. standard portable saw mills—Geo. S. Comstock & Son, Mechanicsburg, Pa.
U. S. STANDARD punches—I. P. Richards Co., 23 Pemberton, Providence, R. I.
U. S. steel corn cribs—Kretchmer Mfg. Co., Council Bluffs, Ia.
UNITED STATES steel piling—Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
UNITED STATES Treasury mucilage, writing inks & paste—Wm. A. Davis Co., 40 Batterymarch, Boston, Mass.
U. S. sweat collar—R. Brownson & Co., St. Paul, Minn.
U. S. typewriter ribbons—United States Typewriter Ribbon Mfg. Co., 8th & Sansom, Philadelphia, Pa.
U. S. Wright rubber tires—Morgan & Wright, Detroit, Mich.
U. S. wire poultry netting—Indiana Steel & Wire Co., Muncie, Ind.
U. S. A. babbitt metal—United Smelting & Alumium Corp., 187 Commerce, New Haven, Conn.
U. S. A. grass catchers—Specialty Mfg. Co., St. Anthony Park, Minn.
U. S. A. sliding furniture shoes—Henry W. Peabody & Co., 17 State, New York
U. S. A. ELM CITY babbit metal—United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
U. S. A. HAVABAR babbit metal—United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
U. S. A. LONG LIFE babbit metal—United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
U. S. A. MOTOR babbit metal—United Smelting & Aluminum Co., Inc., 183-189 Commerce, New Haven, Conn.
U. S. A. SPECIAL babbit metal—United Smelting & Aluminum Co., 183-189 Commerce, New Haven, Conn.
U. S. G. Keene's cement—United States Gypsum Co., 205 W. Monroe, Chicago, Ill.
U. S. L. car lighting apparatus, storage batteries—United States Light & Heat Corp., Niagara Falls, N. Y.
U. S. M. C. shoe knife sharpeners, thread lubricators, leather embossing & buttonhole making machines—United Shoe Machinery Co., Boston, Mass.
U. & G. belting—United & Globe Rubber Mfg. Co., Trenton, N. J.
UNITED wrought steel window frame—Trussed Concrete Steel Co., Detroit, Mich.
UNI-TRUCK truck units—Stewart Mfg. Co., Waterloo, Ia.
UNITUBE automobile radiators—Unitube Auto. Radiator Corp., Rochester, N. Y.
UNITY insulator pins—Minerallac Electric Co., 400 S. Hoyne av, Chicago, Ill.
UNIVERSAL adjustable road drag—Galion Iron Works & Mfg. Co., Galion, Ohio
UNIVERSAL angular bit stocks bevels—Goodell Pratt Co., Greenfield, Mass.
UNIVERSAL angular bit stocks, hand drill machines—Millers Falls Co., 28 Warren, New York
UNIVERSAL armature & field coil winding machines—P. E. Chapman, 19th & Walnut, St. Louis, Mo.
UNIVERSAL asbestos gloves—Wheeler & Holcomb Co., 1360 Wells, Chicago, Ill.
UNIVERSAL automatic air squeezer—Berkshire Mfg. Co., Whitney Power blk, Cleveland, Ohio
UNIVERSAL automobile bumpers, lamp brackets—L. P. Halladay Co., Streator, Ill.
UNIVERSAL automobile engine starters, electric lighting systems—North East Electric Co., Rochester, N. Y.
UNIVERSAL babbitt metal—Merchants & Evans Co., 2035 Washington av, Philadelphia, Pa.
UNIVERSAL babbitt metal—More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.
UNIVERSAL bath room fixtures, cutlery, cooking utensils—Landers, Frary & Clark, New Britain, Conn.
UNIVERSAL belt shifters—Builders' Iron Foundry, 9 Codding, Providence, R. I.
UNIVERSAL belting & rubber hose—Boston Belting Corp., 84 Linden Park, Boston, Mass.
UNIVERSAL bibb reamers—C. H. Yonts & Co., Meadville, Pa.
UNIVERSAL bibb seat dressers—Wolverine Brass Works, Grand Rapids, Mich.
UNIVERSAL blue printing machines—Buffalo Blue Print Co., Builders' Exchange, Buffalo, N. Y.
UNIVERSAL boiler injectors—Schutte & Koerting Co., 1251 N. 12th, Philadelphia, Pa.
UNIVERSAL bottle filling machines—Fowler Bottling Machine Co., 124 White, New York
UNIVERSAL box strap—Cary Mfg. Co., Nassau & Jay, Brooklyn, N. Y.
UNIVERSAL cable grips & guy anchors—Universal Cable Grip Co., Syracuse, N. Y.
UNIVERSAL car trucks—J. G. Brill Co., 62nd & Woodland av, Philadelphia, Pa.
UNIVERSAL car window fixtures, sash locks—McCord Mfg. Co., Detroit, Mich.
UNIVERSAL cast iron pipe, pipe swing & universal joints, range boiler stands—Central Foundry Co., 90 West, New York
UNIVERSAL cement—Universal Portland Cement Co., 208 S. La Salle, Chicago, Ill.
UNIVERSAL cement post machinery—Cement Machinery Co., Jackson, Mich.
UNIVERSAL automatic chucks—Potter & Johnston Machine Co., Pawtucket, R. I.
UNIVERSAL cigar lighters—Adjustable Lighter Assn., Newton, Mass.

UNIVERSAL circular folding machines—American Multigraph Sales Co., 1832 E. 40th, Cleveland, Ohio
UNIVERSAL closet couplings—Hydraulic Specialty Co., 427 Walnut, Philadelphia, Pa.
UNIVERSAL coal crushers—Universal Crusher Co., Cedar Rapids, Ia.
UNIVERSAL compression stops—Peck Bros. & Co., New Haven, Conn.
UNIVERSAL cultivators—Avery Co., Peoria, Ill.
UNIVERSAL cultivators—J. I. Case Plow Works, Racine, Wis.
UNIVERSAL cobblers' outfits, shoe cleaners—Root-Heath Mfg. Co., Plymouth, Pa.
UNIVERSAL corner beads—Rogers-Shear Co., Warren, Pa.
UNIVERSAL drilling machine vises—Sellew Machine Tool Co., Pawtucket, R. I.
UNIVERSAL dry batteries—Universal Novelty Wks., 164 5th av, New York
UNIVERSAL electric cable hangers—National Telephone Supply Co., 5100 Superior av, Cleveland, O.
UNIVERSAL electric fans—Diehl Mfg. Co., Elizabeth, N. J.
UNIVERSAL electric gas lighters — Adjustable Lighter Assn., Newton, Mass.
UNIVERSAL electric lamp brackets—McCrosky Reamer Co., Meadville, Pa.
UNIVERSAL electric sad irons—Pelouze Mfg. Co., 232 E. Ohio, Chicago, Ill.
UNIVERSAL electric wire cord spools—McGill Mfg. Co., 77 Oak, Valparaiso, Ind.
UNIVERSAL emery wheel guards—Barcy-Nicholson Co., 37 W. Fort, Detroit, Mich.
UNIVERSAL fertilizer distributors—Towers & Sullivan Mfg. Co., Rome, Ga.
UNIVERSAL fishing rod holders—A. F. Meisselbach & Bros., 29 Congress, Newark, N. J.
UNIVERSAL flanging machines—Morgan Engineering Co., Alliance, Ohio
UNIVERSAL floor oilers—Geo. H. Garnet Co., Allentown, Pa.
UNIVERSAL flour sieves—Parker Wire Goods Co., Worcester, Mass.
UNIVERSAL hand oil pumps—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
UNIVERSAL fruit & vegetable parers—Hamblin & Russell Mfg. Co., Worcester, Mass.
UNIVERSAL furniture polish—American Metal Polish Co., West Somerville, Mass.
UNIVERSAL garment hangers—Two Rivers Plating Works, Two Rivers, Wis.
UNIVERSAL hack saw blades & frames, hack saw machines—West Haven Mfg. Co., West Haven, Conn.
UNIVERSAL heel plates & stiffeners, cobblers' outfit & shoe stands—Root Heath Mfg. Co., Plymouth, Ohio
UNIVERSAL hog fences—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
UNIVERSAL hollow augers—A. A. Wood & Sons Co., Atlanta, Ga.
UNIVERSAL hollow augers—Jas. Swan Co., Seymour, Conn.
UNIVERSAL hook & eyelet setting machines—F. H. Smith Mfg. Co., 3047 Carroll av, Chicago, Ill.
UNIVERSAL hose nozzles—Central Brass & Stamping Co., Peoria, Ill.
UNIVERSAL hydraulic jacks—Richard Dudgeon, 24 Columbia, New York
UNIVERSAL incandescent gas burners—Welsbach Co., 1008 Filbert, Philadelphia, Pa.
UNIVERSAL index centers—Fred C. Dickow, 33 S. Desplaines, Chicago, Ill.
UNIVERSAL insulated connectors—R. S. Mueller & Co., High av, S. E., Cleveland, Ohio
UNIVERSAL insulator clamps, insulator supports—Steel City Electric Co., 1207 Columbus av, Pittsburgh, Pa.
UNIVERSAL insulating paper—Standard Paint Co., 233 B'way, New York
UNIVERSAL kneading & mixing machines—Werner & Pfleiderer Co., 1232 N. Niagara, Saginaw, Mich.
UNIVERSAL knife switches—Geo. Cutter Co., South Bend, Ind.
UNIVERSAL lawn mowers—Blair Mfg. Co., Springfield, Mass.
UNIVERSAL lawn mowers—Clarinda Lawn Mower Co., Clarinda, Ia.
UNIVERSAL lightning arresters — Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
UNIVERSAL locknut bushings—New Process Specialty Co., 230 Hanover, Milwaukee, Wis.
UNIVERSAL log skidding & loading machines—Clyde Iron Works, Duluth, Minn.
UNIVERSAL lubricating oil & greases—W. P. Miller Co., 250 Greene, B'klyn, N. Y.
UNIVERSAL lubricating oils & greases—Wm. P. Miller Co., 2316 S. Wabash av, Chicago, Ill.
UNIVERSAL lumber trimmers—Fox Machine Co., Jackson, Mich.
UNIVERSAL mechanical stokers—Oscar Barnet Foundry Co., Irvington, N. J.
UNIVERSAL metallic sash bars—Voltz Mfg. Co., 914 Penn., St. Joseph, Mo.
UNIVERSAL mucilage—Continental Mfg. Co., 330 N. 3rd, Philadelphia, Pa.
UNIVERSAL nut crackers & picks—Arcade Mfg. Co., Freeport, Ill.
UNIVERSAL oil pumps—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
UNIVERSAL pasting machines—A. G. Prior, Inc., 665 B'way, Newark, N. J.
UNIVERSAL pipe hangers—Enoch Rutzler Co., 404 E. 49th, New York
UNIVERSAL pitching machines, preheaters—Henry Rauch & Son, Mt. Vernon, N. Y.
UNIVERSAL plow coulters—John Clayton Plow Co., Minneapolis, Minn.
UNIVERSAL plow coulters—Rock Island Plow Co., Rock Island, Ill.
UNIVERSAL post hole diggers—F. E. Kohler Co., Canton, Ohio
UNIVERSAL protractors—Chas. H. Besley & Co., 120 N. Clinton, Chicago, Ill.
UNIVERSAL radiator valves, stop & waste cocks—Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
UNIVERSAL ratchet drills — Gallagher Mfg. Co., Lynn, Mass.
UNIVERSAL reamer grinders—Woods Engineering Co., Alliance, Ohio
UNIVERSAL reamers, cutter heads—Schellenbach-Hunt Tool Co., Murdock bldg, Cincinnati, Ohio
UNIVERSAL refrigerator latches—Payson Mfg. Co., 2918 W. Jackson blvd., Chicago, Ill.
UNIVERSAL road rollers—Universal Road Machinery Co., Kingston, N. Y.
UNIVERSAL rock & ore conveyors—Universal Crusher Co., Cedar Rapids, Ia.
UNIVERSAL rubber masticators — Werner & Pfleiderer Co., 1232 No. Niagara, Saginaw, Mich.
UNIVERSAL sash chains, plumber chains—E. Jencks Mfg. Co., Worcester, Mass.
UNIVERSAL saw benches — Colburn Machine Tool Co., Franklin, Pa.
UNIVERSAL saw benches & tables—Oliver Machinery Co., Grand Rapids, Mich.
UNIVERSAL self-feeders & band cutters for threshers—Nichols & Shepard Co., Battle Creek, Mich.
UNIVERSAL sheet metal workers' machines & tools, automobile turntables, etc.—Canton Foundry & Machine Co., Canton, Ohio
UNIVERSAL shoe shining chairs—Buffalo Metal Furniture Co., Buffalo, N. Y.
UNIVERSAL sliding furniture shoes, stove trucks—Universal Caster & Foundry Wks, 574 Ferry, Newark, N. J. See The Bossick Co., Bridgeport, Conn.
UNIVERSAL sling hay carriers—Louden Machinery Co., Fairfield, Ia.
UNIVERSAL soldering fluid—Universal Fluxine Co., Urbana, Ohio
UNIVERSAL splitting shears—Bertsch & Co., Cambridge City, Ind.
UNIVERSAL steel calender stock shells—W. F. Gammeter, Cadiz, Ohio
UNIVERSAL steel ceilings—F. O. Schoedlinger, 142 N. 3d, Columbus, Ohio
UNIVERSAL steel shelving—Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
UNIVERSAL tenon & boring machines—Vulcan Iron Works, Mason City, Ia.
UNIVERSAL test indicators—L. S. Starrett Co. (The), Athol, Mass.
UNIVERSAL tool grinders—Universal Grinding Mach., Fitchburg, Mass.
UNIVERSAL tool grinders — Gosholt Machine Co., Madison, Wis.
UNIVERSAL tool grinders — Mummert-Dixon Co., Hanover, Pa.
UNIVERSAL trolley wire hangers—Electric Railway Equipment Co., Cincinnati, Ohio
UNIVERSAL tube expanders—J. Faessler Mfg. Co., Moberly, Mo.
UNIVERSAL variety wood turning machines—C. Mattison Machine Works, Beloit, Wis.
UNIVERSAL window cleaners — Osborn Mfg. Co., 5401 Hamilton av, N. E., Cleveland, Ohio
UNIVERSAL wall finish & white trowel plaster—United States Gypsum Co., 205 W. Monroe, Chicago, Ill.

UNIVERSAL washing machines — Voss Bros. Mfg. Co., Davenport, Ia.
UNIVERSAL window ventilators—Universal Ventilating Co., 14 Oak, Kansas City, Mo.
UNIVERSAL wood boring machines—J. M. Nash, 842 30th, Milwaukee, Wis.
UNIVERSAL FLUXINE brazing compounds—Universal Fluxine Co., Urbana, Ohio
UNIVERSAL GIANT friction clutch couplings, giant friction clutches—T. B. Wood's Sons Co., Chambersburg, Pa.
UNIVERSAL-PEERLESS perforating machines—A. G. Burton Son, 118 S. Clinton, Chicago, Ill.
UNIVERSITY lawn mowers—Phila. Lawn Mower Co., 3107 Chestnut, Phila., Pa.
UNIVERSITY tool makers' vises—Emmert Mfg. Co., Waynesboro, Pa.
U-NO metal polish—Grady Mfg. Co., Bridge Plaza, Astoria, N. Y.
UNO metal polish—Uno Mfg. Co., 6433 E. Ravenswood Pk, Chicago, Ill.
UNO shade holders—Bryant Electric Co., Bridgeport, Conn.
UNO ventilators—Uno Ventilator Co., Cliftondale, Mass.
UNXLD bicycles—Motor Car Supply Co., 1453 Michigan av, Chicago, Ill.
UNXLD carbon paper, typewriter ribbons — E. A. Brecher & Co., 119 Lafayette, New York
UPRESSIT bottle caps—U. S. Metal Cap & Seal Co., 107 W. 13th, New York
UPSON wall boards—Upson Co., Lockport, N. Y.
UPSON'S window blind adjusters—H. B. Ives Co., New Haven, Conn.
UP-TO-DATE clips—Argus Mfg. Co., 402 N. Paulina, Chicago, Ill.
UP-TO-DATE egg & cream beaters — Parkesburg Stamping & Mfg. Co., Parkesburg, Pa.
UP-TO-DATE garment hangers—Caldwell Mfg. Co., Rochester, N. Y.
UP-TO-DATE mechanical dust collectors—Grand Rapids Blow Pipe & Dust Arrester Co., Grand Rapids, Mich.
UP-TO-DATE rat traps—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
UP-TO-DATE stationers' specialties—Ideal Specialties Mfg. Corp., 436 E. 9th, New York
URANIUM high speed steel—Latrobe Steel Co., Latrobe, Pa.
URBAN mail boxes—Introstile Mfg. Co., Marietta, Ohio
URBAN trolley wheels—Electrical Material Co., 618 W. Jackson blvd, Chicago, Ill.
USA-CO. asbestos packing—United States Asbestos Co., Manheim, Pa.
U-SAV-YOUR polish—U-Sav-Your Mfg. Co., Warren, Mass.
USCO No. 72 airplane fabric—U. S. Rubber Tire Co., 58th & B'way, New York
USE A. clothes washing machines—Fosston Mfg. Co., St Paul, Minn
U-SEE-US electric drink mixers—Hamilton Beach Mfg. Co., Racine, Wis.
USEIT water coolers—Consumers' Cooler Co., Michigan City, Ind.
USEM push buttons—U. S. E. M. Co., 301 W. 37th, New York
USHER automatic planer stops—Lamb Knitting Machine Co., Chicopee Falls, Mass.
USONA asphalt roofing, asphalt shingles—Usona Mfg. Co., Aurora, Ill.
USONA axes—American Axe & Tool Co., Glassport, Pa.
USUDURIAN packing—Revere Rubber Co., Chelsea, Mass.
UTAH belting—Boston Woven Hose & Rubber Co., Cambridge, Mass.
UTAH cement—Portland Cement Co., Salt Lake City, Utah
UTAH centre trip adjustable slings—F. E. Myers & Bro., Ashland, Ohio
UTE waterproof belting—Smyth-Despard Co., Utica, N. Y.
UTICA cement—Utica Hydraulic Cement Co., Utica, Ill.
UTICA chemical fire engines & extinguishers—O. J. Childs Co., Utica, N. Y.
UTICA end cutting nippers—Utica Drop Forge & Tool Co., Utica, N. Y.
UTICA fire clay—Utica Fire Brick & Clay Co., Utica, Ill.
UTILITY army canteens—Hemp & Co., St. Louis, Mo.
UTILITY auger bits—W. A. Ives Mfg. Co., Wallingford, Conn.
UTILITY car ventilators, high pressure couplers, thermostats—Railway Utility Co., 721 Fulton, Chicago, Ill.
UTILITY cockeyes—Frazer & Jones Co., Syracuse, N. Y.
UTILITY corn poppers—Utility Mfg. Co., Sturgis, Mich.
UTILITY floor sanding, polishing & scrubbing machines—Kent Vacuum Cleaner Co., Rome, N. Y.
UTILITY folding stools, motorman's seats, elevator seats—C. A. Cook Co., Cambridge, Mass.
UTILITY gas ranges—Eriez Stove & Mfg. Co., Erie, Pa.
UTILITY hack saw blades & frames—West Haven Mfg. Co., West Haven, Conn.
UTILITY hollow handle tool sets—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
UTILITY milling machine vises—Brown Engineering Co., Reading, Pa.
UTILITY protected automobile heaters, automatic tire pumps, & universal wrenches—Hill Pump Valve Co., Archer av, Canal & 23d, Chicago, Ill.
UTILITY pump governors, steam separators, exhaust heads, feed water heaters—Standard Steam Specialty Co., 542 W. Broadway, New York
UTILITY rubber aprons, rubber sheeting—Stern Specialty Co., 40 E. 22nd, New York
UTILITY sad irons—Edison Electric Appliance Co., Inc. (Hotpoint Div.), 5600 W. Taylor, Chicago, Ill.
UTILITY spark plugs—Utility Co., 636 W. 44th, New York
UTILITY wall boards—Heppes Nelson Roofing Co., 4500 Fillmore, Chicago, Ill.
UTILITY water meters—Pithtsburgh Meter Co., East Pittsburgh, Pa.

V insulating tape—Revere Rubber Co., Chelsea, Mass.
V.-C. emery grinders—Valley City Machine Works, Grand Rapids, Mich.
V. F. M. dairy apparatus—Vermont Farm Machine Co., Bellows Falls, Vt.
V-RAY spark plugs—V-Ray Company, Marshalltown, Ia.
V-RAY searchlights—Stewart-Warver Speedometer Corp., 1826 Diversey Parkway, Chicago, Ill.
V V conduit fittings—V V Fittings Co., Phila., Pa.
V. & B. chisels, hammers, ice tongs, pliers, post hole augers, punches, scrapers, swages, wrenches—Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.
V. & K. gauges, pumps, valves, water motors & sump. drainers—Vaile Kilmes Co., Dayton, Ohio
V. & O. presses—V. & O. Press Co., Dry Harbor rd, Glendale Station, N. Y.
V. & P. SOLVENT paint & varnish remover—Eberson Paint Co., 1822 Morgan, St. Louis, Mo.
VAC gasoline underground storage self-measuring oil pumps & pumping outfits—Vac Liquid Equipment Co., Cedar Rapids, Ia.
VACATION baseballs—Rawlings Mfg. Co., 23rd & Lucas av, St. Louis, Mo.
VAC-M lightning arresters—National Electric Specialty Co., Toledo, Ohio
VACUUM fishing bait—Vacuum Bait Co., North Manchester, Ind.
VACUUM CUP pneumatic tires—Pennsylvania Rubber Co., Jeannette, Pa.
VACUSTAT air valves—Bishop-Babcock-Becker Co., Cleveland, Ohio
VAK-KLEAN vacuum cleaners—Hanlon & Wilson, Wilkinsburg, Pa.
VAKUM lubricators—Wm. Powell Co., Cincinnati, Ohio
VALBESTINE packing—General Asbestos Rubber Co., Charleston, S. C.
VALE drawn metal grease cups—Lindholm Metal Stamping Co., Camden, N. J.
VALENS acid proof metal—Keystone Bronze Co., Pittsburgh, Pa.
VALLEY beet pullers—Donaldson Bros., Mt. Clemens, Mich.
VALLEY screw drivers—Union Hardware Co., Torrington, Conn.
VALLEY CHIEF cider mills—S. R. White's Mills, Norfolk, Va.
VALLEY CITY shoveling & end gate boards—Peoria Drill & Seeder Co., Peoria, Ill.
VALSPAR marine varnishes—Valentine & Co., 456 Fourth av, New York
VALVELESS sight feed lubricators—J. L. Osgood, Buffalo, N. Y.
VALVETITE metallic packing—Akron Metallic Gasket Co., Akron, Ohio
VALVOLINE lubricating oils & greases—Valvoline Oil Co., 11 B'way, New York
VALVOLITE valve stem packing—Quaker City Rubber Co., 629 Market, Phila., Pa.
VAN expansion bolts—Van Expansion Bolt Mfg. Co., 105 W. Monroe, Chicago, Ill.

VAN razor stroppers & pipe hangers—L. A. Carpenter Press Metal Co., Cambridge, Mass.
VANADIUM air hammer rivet sets—Geo. F. Marchant Co., 1420 S. Rockwell, Chicago, Ill.
VANADIUM high speed twist drills—New Process Twist Drill Co., Taunton, Mass.
VANAPHONE talking machines—Garford Mfg. Co., Elyria, Ohio
VAN-AR-CO. closet seats—Van Arnam Mfg. Co., Ft. Wayne, Ind.
VAN AUKEN pump governors, oil extractors, separators, steam traps, valves, vacuum cleaners—Consolidated Engineering Co., 507 W. Jackson blvd., Chicago, Ill.
VANCE blow-off valves, steam traps—Geo. M. Newhall Engng. Co., 1421 Chestnut, Phila., Pa.
VANCE steam heaters—Jas. R. Vance, Geneva, N. Y.
VANCE steam traps—Vance & Vetter Co., Phipps Power bldg, Pittsburgh, Pa.
VANCOUVER row-locks—Wilcox, Crittenden & Co., Middletown, Conn.
VANDA metallic packing—Vanda Co., 25th & Madison av, New York
VANDERBEEK BALL universal joints—Ainslie Machine & Tool Works, 35 Jefferson av, Hartford, Conn.
VANDERBEEK GIANT universal joints—Ainslie Machine & Tool Works, Hartford, Conn.
VANDERBILT brake beams—Buffalo Brake Beam Co., 30 Pine, New York Works, Buffalo, N. Y.
VANDERBILT sash balances—E. C. Stearns & Co., 450 Oneida, Syracuse, N. Y.
VAN DEUSEN cake molds, egg & cream whips, tin measuring cups—Chapman Co., Geneva, N. Y.
VANDOR belt punches—Vaughan & Bushnell Mfg. Co., West Haven, Conn.
VAN DORN car ends—Van Dorn Coupler Co., 2325 S. Paulina, Chicago, Ill.
VAN DORN metallic lockers, post caps & bases—Van Dorn Iron Works Co., 2700 E. 79th, Cleveland, Ohio
VAN DYKE harrows & pulverizers—Janesville Machine Co., Janesville, Wis.
VANGUARD automobile wind shields—Vanguard Mfg. Co., Conant rd & G. T. R. R., Hamtramck, Detroit, Mich.
VANGUARD oil cups—Wm. Powell Co., Cincinnati, Ohio
VAN HOUTEN dough dividing machines—Dutchess Tool Co., Fishkill-on-Hudson, N. Y.
VAN NORMAN internal grinders—Van Norman Machine Tool Co., Springfield, Mass.
VAN SANDS blind fasteners—John Auer, Jr., 197 Middleton, Brooklyn, N. Y.
VAN-SEN carbon paper, typewriter ribbons—Type-ribbon Mfg. Co., 711 S. Dearborn, Chicago, Ill.
VAN STONE pipe fittings—Lumsden & Van Stone Co., 69 High, Boston, Mass.
VAN VALKENBURG'S pen clips, water filters—L. D. Van Valkenburg, Holvoke, Mass.
VAN WIE pressure regulators—J. H. D. Chamberlain Co., Springfield, Mass.
VAPORITE packing—A. W. Chesterton Co., 64 India, Boston, Mass.
VARLEY duplex electro magnets—Acme Wire Co., New Haven, Conn.
VARNAM ox bow pins—O. C. Sawyer, Sharon, Vt.
VAR-NI-GO paint & varnish remover—A. S. Boyle & Co., 1934 Dana av, Cincinnati, Ohio
VARNISHEEN furniture polish—Puritan Soap Co., 496 Exchange, Rochester, N. Y.
VARNOIL metal polish—Frank J. Le Doyen Co., 827 Mangold, Baltimore, Md.
VARNOLIN varnish—Armstrong Paint & Varnish Works, 2522 S. Paulina, Chicago, Ill.
VARSITY bond paper—H. Reeve Angel & Co., Inc., 7 Spruce, New York
VASCO CHOICE carbon tool steel—Vanadium Alloys Steel Co., 1st av & Ross, Pittsburgh, Pa.
VASCO ELECTRIC alloy tool steel—Vanadium Alloys Steel Co., 1st av & Ross, Pittsburgh, Pa.
VASCO LATROBE alloy tool steel—Vanadium Alloys Steel Co., 1st av & Ross, Pittsburgh, Pa.
VASCO MARVEL semi-high speed steel—Vanadium Alloys Steel Co., 1st av & Ross, Pittsburgh, Pa.
VASCO-NON-SHRINKABLE carbon tool steel—Vanadium Alloys Steel Co., 1st av & Ross, Pittsburgh, Pa.
VASCO SPECIAL alloy tool steel—Vanadium Alloys Steel Co., 1st av & Ross, Pittsburgh, Pa.
VASCO VANADIUM carbon tool steel—Vanadium Alloys Steel Co., 1st av & Ross, Pittsburgh, Pa.
VASELINE petrolatum—Chesebrough Mfg. Co., 17 State, New York
VASSAR steam heaters—J. H. McLain Co., Canton, Ohio
VASSAR steam heaters—Reading Stove Works, Reading, Pa.
VATUDRIP rust preventatives—Am. Rust Proof Co., 220 5th av, New York
VAUGHAN leather gauges—Turner & Tanning Machinery Co., Peabody, Mass.
VAUGHAN rail anchors, guard rail clamps—American Guard Rail Fastener Co., Real Estate Trust bldg., Phila., Pa.
VAUGHAN'S NEVER CHIP bottle openers—Crown Throat & Opener Co., 711 Fulton, Chicago, Ill.
VAUGHN'S post hole augers—Iwan Bros., South Bend, Ind.
VAUGHN post hole augers—Seymour Mfg. Co., Seymour, Ind.
VAUGHAN rail anchors & rail anti-creepers—P. & M. Co. (The), 80 E. Jackson blvd, Chicago, Ill.
VAUGHN spring rail frogs—Marden Frog & Crossing Works, 208 S. La Salle, Chicago, Ill.
VECO sweaters—Morgan Knitting Mills, 457 18th av, Newark, N. J.
VEEDER cyclometers, speed indicators, tachometer—Veeder Mfg. Co., Hartford, Conn.
VEEDAL automobile lubricants—Tidewater Oil Co., New York
VEHISOTE fibre boards—Pantasote Co., 11 Broadway, New York
VELAP belting—Olmstead-Flint Co., 32 Water, Lawrence, Mass.
VELLUMOID packing—Newton Mfg. Co., Worcester, Mass.
VELOCITY belting—Olmstead-Flint Co., 32 Water, Lawrence, Mass.
VELOCITY lubricating oils & greases—G. W. Gallaway, 322 Pearl, New York
VELOS tool steel—F. R. Phillips & Sons Co., Penna. bldg., Phila., Pa.
VELOX dry plates—Eastman Kodak Co., Rochester, N. Y.
VELOX grindstones, sickel grinders—Richards-Wilcox Mfg. Co., Aurora, Ill.
VELOX metal polish—Manufacturers' Supplies Co., Juniper & Cherry, Phila., Pa.
VELOX phosphor bronze—A. Gilbert & Sons Brass Fdry. Co., 4019 Forest Pk. bldg., St. Louis, Mo.
VELVAPARA insulating compounds—Elect'l Mat'l Co., 618 N. Jackson blvd, Chicago, Ill.
VELVET automobile oils & cutting compounds—Advance Oil Co., Oil City, Pa.
VELVET babbitt metal—Cleveland Alloys Co., Elm & Superior, Cleveland, Ohio
VELVET belting—W. T. Shackley & Son Co., 49 High, Boston, Mass.
VELVET braided hose, air drill hose, chemical engine hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
VELVET lead pencils—American Lead Pencil Co., 220 5th av, New York
VELVET rubber tile, interlocking mats—W. H. Salisbury & Co., Chicago, Ill.
VELVET THREAD roller skates—Chicago Roller Skate Co., 224 N. Ada, Chicago, Ill.
VELVET BLACKING core compounds—Smith Facing & Supply Co., Carter rd, Cleveland, Ohio
VELVETILE sanitary flooring—American Magnesia Products Co., 600 W. Austin av, Chicago, Ill.
VELVETINE lubricating oils & greases—Climax Refining Co., Williamson bldg, Cleveland, Ohio
VELVEX shingle stains—Barrett Co., 17 Battery pl, New York
VENEER wall ties—American Rolling Mill Co., Middletown, Ohio
VENO bathing caps, rubber gloves—Star Rubber Co., Akron, Ohio
VENTILATOR sash locks—Technology Sales Co., Inc., 25 W. B'way, New York
VENTILITE fixtures for nitrogen filled lamps—Herwig Art Shade & Lamp Co., 2140 N. Halsted, Chicago, Ill.
VENTIPLEX horse collar pads—Burlington Blanket Co., Burlington, Wis.
VENTNOR lawn mowers—Chadborn & Coldwell Mfg. Co., Newburgh, N. Y.
VENTO heaters — American Radiator Co., 820 S. Michigan av, Chicago, Ill.
VENTURA electric disc fans—American Blower Co., 1412 Russell, Detroit, Mich.
VENTURI chemical feed & rate controllers, water waste detectors, loss gauges, & air, brine, chemical solutions, & sewage meters—Builders Iron Foundry, 9 Coddington, Providence, R. I.
VENTURI steam condensers—Howes & Phillips Iron Works, 8 Orange, Newark, N. J.
VENUS electric car headlights—Dayton Mfg. Co., Dayton, Ohio
VENUS electric sad irons—Phelps Mfg. Co., Detroit, Mich.
VENUS lamp burners—Edw. Miller & Co., Meriden, Conn.

VENUS lead pencils—American Lead Pencil Co., 220 5th av, New York
VENUS radical gas heaters—Lawson Mfg. Co., Homestead, Pa.
VERIBEST asphalt shingles, rubber roofing—McHenry-Millhouse Mfg. Co., South Bend, Ind.
VERIBEST V-crimp roofing—Delphos Mfg. Co., Delphos, Ohio
VERILIFE medical batteries—Knapp Elec. & Novelty Co., 511 W. 51st, New York
VERMINGO disinfectants—Worrell Mfg. Co., 212 N. Main, St. Louis, Mo.
VERMONT churns—Vermont Farm Machine Co., Bellows Falls, Vt.
VERMONT WHITE granite—Woodbury Granite Co., Hardwick, Vt.
VERMOREL spray nozzle—Deming Co., Salem, Ohio
VERMOSITE spar varnishes—Devoe & Raynolds Co., 101 Fulton, New York
VERNON cotton hose—Mechanical Rubber Co., 73 Reade, New York
VERONA lock-nuts & washers—Verona Tool Works, Oliver bldg., Pittsburgh, Pa.
VERONA lock washers—Riverside Steel Spring Co., Riverside, N. J.
VERONA seamless poles—Valley Forging Co., Verona, Pa.
VEROSENE FINISH wood stains—Armstrong Paint & Varnish Works, 2532 S. Paulina, Chicago, Ill.
VERSCHOYLE pocket transits—Taylor Instrument Companies, Rochester, N. Y.
VERSIES flexible conduits—Protectus Paint Co., N. Amer. bldg., Phila., Pa.
VERTASCOPE pole measuring instruments—United Electric Supply Co., Marion, Ohio
VERYBEST loose leaf devices—Plew & Motter Co., 1200 W. Monroe, Chicago, Ill.
VERY BEST lug straps—E. H. Jacob Mfg. Co., Danielson, Conn.
VESTA stoves & ranges—Vesta Gas Range & Mfg. Co., Chattanooga, Tenn.
VESTAL sunshine steam & hot water heaters—Reading Scale & Machine Co., Reading, Pa.
VESUVIUS melting furnaces—Davis Mach. Tool Co., Rochester, N. Y.
VESUVIUS packing—Squires & Byrne Rubber Co., San Francisco, Cal.
VESUVIUS pyrites burners—Valley Iron Works Co., Appleton, Wis.
VESUVIUS spark plugs—A. R. Mosler & Co., Mt. Vernon, N. Y.
VIBRO-LIFE massage vibrators—Eureka Vibrator Co., 131 W. 42nd, New York
VIBROSIMPLEX massage vibrators—Universal Novelty Co., 164 5th av, New York
VICHEK bricklayers' chisels, pavers' dressing hatchets, riveting hammers—Vichek Tool Co., 10711 Quincy av, Cleveland, Ohio
VICTOR air tight heaters—A. Geisel Mfg. Co., 219 So. 2nd, St. Louis, Mo.
VICTOR air valves—Geo. M. Davis Regulator Co., 422 Milwaukee av, Chicago, Ill.
VICTOR ale pumps—Victor Electric Co., 236 S. Robbey, Chicago, Ill.
VICTOR animal pokes—Hughes & Smythe, Galena, Ohio
VICTOR animal traps—Oneida Community (Ltd.). Oneida, N. Y.
VICTOR automobile headlights—Corcoran-Victor Co., Cincinnati, Ohio
VICTOR barrows—Frank R. Prescott, Meredith, N. H.
VICTOR batteries—Waterbury Battery Co., Waterbury, Conn.
VICTOR belt dressing—Eagle Oil & Supply Co., 45 India, Boston, Mass.
VICTOR belt lacing—Missouri Belting Co., Grand & La Salle, St. Louis, Mo.
VICTOR belt lacing, belt cements—New York Leather Belting Co., 465 Kent av, Brooklyn, N. Y.
VICTOR safety fuse—du Pont de Nemours, E. I., Wilmington, Del.
VICTOR boiler compounds—Chas. Nuhring & Bro., 1212 Walnut, Cincinnati, Ohio
VICTOR bolt clippers—Roberts Mfg. Co., Somerville, Mass.
VICTOR bottle stoppers—Taplin Mfg. Co., New Britain, Conn.
VICTOR capstans—Wilcox, Crittenden & Co., Middletown, Conn.
VICTOR car movers—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
VICTOR casters—Foster, Merriam & Co., Meriden, Conn.
VICTOR chisels, nail pullers, pliers & nippers, chain tongs, tool sets, wrenches—Bonner Tool Co., Champaign, Ill.
VICTOR coal & gas stoves—Victor Stove Co., Salem, Ohio
VICTOR corn planters—Ohio Rake Co., Dayton, Ohio
VICTOR corn shellers—Barnard & Leas Mfg. Co., Moline, Ill.
VICTOR cotton planters—Kingman Plow Co., Peoria, Ill.
VICTOR creamery churns—Oakes & Burger Co., Cattaraugus, N. Y.
VICTOR cultivators—American Fork & Hoe Co., Cleveland, Ohio
VICTOR cultivators—Hayes Pump & Planter Co., Galva, Ill.
VICTOR desk telephone brackets—Stanley & Patterson, 23 Murray, New York
VICTOR door hangers, elevator safety devices, fire door fittings, fire tin clad doors—Victor Mfg. Co., Newburyport, Mass.
VICTOR door hangers, grindstones—Richards-Wilcox Mfg. Co., Aurora, Ill.
VICTOR electric bells—Electric Goods Mfg. Co., Canton, Mass.
VICTOR ensilage cutters—Foster & Williams Mfg. Co., Racine, Wis.
VICTOR feed cookers—Kelly Foundry & Machine Co., Goshen, Ind.
VICTOR feed cutters—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
VICTOR feed water heaters—Wm. Allen Sons Co., Worcester, Mass.
VICTOR flour sieves—National Mfg. Co., Worcester, Mass.
VICTOR garden barrows—Kilbourne & Jacobs Mfg. Co., Columbus, Ohio
VICTOR garden rakes—Cronk & Carrier Mfg. Co., 150 Lake, Elmira, N. Y.
VICTOR garment hangers—Seed Filler & Mfg. Co., 73 Franklin, New York
VICTOR gate valves—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
VICTOR gauge cocks—McRae & Roberts Co., 227 Campbell av, Detroit, Mich.
VICTOR grass catchers—R. F. Krause, Zion City, Ill.
VICTOR hack-power saws—Sweet & Doyle, Cohoes, N. Y.
VICTOR hack saw blades & frames, nail sets—Victor Saw Works, Springfield, Mass.
VICTOR hack saw machines—Strong, Carlisle & Hammond Co., 336 Frankfort av, N. W., Cleveland, Ohio
VICTOR ham presses—Wolf, Sayer & Heller, Fulton & Peoria, Chicago, Ill.
VICTOR hay carriers—Louden Machinery Co., Fairfield, Ia.
VICTOR hay presses—Geo. Ertel Co., Quincy, Ill.
VICTOR horse brushes—Jos. Lay Co., Ridgeville, Ind.
VICTOR hot air furnaces—Corning Mfg. Co., Corning, N. Y.
VICTOR ice creepers—Philip Rapp, Reading, Pa.
VICTOR insulators—Locke Insulator Mfg. Co., Victor, N. Y.
VICTOR lamp burners—Edw. Miller & Co., Meriden, Conn.
VICTOR lawn clothes dryers—R. W. Robinson Co., Worcester, Mass.
VICTOR lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.
VICTOR lawn mowers—S. P. Townsend & Co., Orange, N. J.
VICTOR lemon squeezers, magnetic tack hammers—Taplin Mfg. Co., New Britain, Conn.
VICTOR mitre boxes—J. C. McCarty & Co., 29 Murray, New York
VICTOR natural gas burners—C. H. Yonk & Co., Meadville, Pa.
VICTOR night latches—Huber Mfg. Co., 417 E. 93d, New York
VICTOR oil cups, valves—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
VICTOR packing, hose—Bowers Rubber Works, San Francisco, Cal.
VICTOR packing—General Asbestos Rubber Co., Charleston, S. C.
VICTOR packing—Mulconroy Co., 54th & Jefferson, Philadelphia, Pa.
VICTOR platform trucks & truck wheels—Victor Truck Co., Johnsonburg, Pa.
VICTOR positive pressure blowers — Connersville Blower Co., Connersville, Ind.
VICTOR pressure regulators—Standard Regulator Co., 90 West, New York
VICTOR projectors—Victor Animatograph Co., Davenport, Ia.
VICTOR punches & shears—Armstrong Mfg. Co., Waterloo, Ia.

VICTOR railway track drills—Isaac G. Johnson & Co., Spuyten Duyvil, New York
VICTOR red oils—Manufacturers Paraffine Co., Chester, Pa.
VICTOR reducing wheels—Jas. L. Robertson & Son, 78 Murray, New York
VICTOR ring travelers—Victor Shaw Ring Traveler Co., 23 Sabin, Providence, R. I.
VICTOR road scrapers—American Steel Co., Sidney, Ohio
VICTOR rubber horse shoe pads, solid tires—Victor Rubber Co., Springfield, Ohio
VICTOR rules, mitre boxes—Stanley Rule & Level Co., New Britain, Conn.
VICTOR saw gummers—Henry Disston & Sons, Tacony, Phila., Pa.
VICTOR saw swages—E. C. Atkins & Co., Indianapolis, Ind.
VICTOR scales—Fairbanks, Morse & Co., 900 S. Wabash av, Chicago, Ill.
VICTOR scroll sawing machines—Seneca Falls Mfg. Co., Seneca Falls, N. Y.
VICTOR shade cloth—Western Shade Cloth Co., 21st & Jefferson, Chicago, Ill.
VICTOR sheepskin wheels—E. Reed Burns, 27 Jackson, Brooklyn, N. Y.
VICTOR spark plugs—Beckley-Ralston Co., 1801 S. Michigan av, Chicago, Ill.
VICTOR steam separators—Steam Appliance Co., Milwaukee, Wis.
VICTOR steam shovels—Toledo Foundry & Machine Co., Toledo, Ohio
VICTOR steam traps—Wright Mfg. Co., Detroit, Mich.
VICTOR step-ladders—Rich Pump Co., South & Depot, Cincinnati, Ohio
VICTOR storage batteries & spark plugs—Milwaukee Auto Specialty Co., 711 Chestnut, Milwaukee, Wis.
VICTOR tire air pumps—Judd & Leland Mfg. Co., Clifton Springs, N. Y.
VICTOR track brooms & brushes, horse & window brushes—Jos. Lay Co., Ridgeville, Ind.
VICTOR TURBINE DRILL breast drills—Smith Drill & Machinery Co., Chattanooga, Tenn.
VICTOR vacuum cleaners—Hugro Mfg. Co., 327 S. La Salle, Chicago, Ill.
VICTOR vises—Chas. Parker Co., Meriden, Conn.
VICTOR wagon buffers—Indianapolis Bolster Spring Co., 326 W. Georgia, Indianapolis, Ind.
VICTOR wagon jacks—Covert Saddlery Works, Interlaken, N. Y.
VICTOR wagon jacks—Fernald Mfg. Co., North East, Pa.
VICTOR water closets—Pierce, Butler & Pierce Mfg. Corp., 437 E. 162nd, New York
VICTOR water heaters—S. V. Reeves, 45 N. 2d, Phila., Pa.
VICTOR water tube expanders—Gustav Wiedeke & Co., Dayton, Ohio
VICTOR water wheels—Platt Iron Works Co., Dayton, Ohio
VICTOR well buckets—Richmond Cedar Works, Richmond, Va.
VICTOR wire fences—Dwiggins Wire Fence Co., Anderson, Ind.
VICTOR wrenches—Bonner Drop Forge Co., 332 S. Michigan av, Chicago, Ill.
VICTOR wrenches—Kraeuter & Co., 583 18th av, Newark, N. J.
VICTOR BALATA belting, pump valves, lug & shuttle straps—Victor-Balata & Textile Belting Co., 38 Murray, New York
VICTOR GRAND fire place heaters—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
VICNTOR WHITE polishing compound—General Plasters Supply Co., 489-493 Broome, New York
VICTORIA automobile headlight bulbs—Victoria Electric Appliance Mfg. Co., Union Hill, N. J.
VICTORIA copying presses—Regina Co., 47 W. 34th, New York
VICTORIA fruit & vegetable parers—Imperial Machine Co., 366 B'way, New York
VICTORIA Keene's cement—Clifford L. Miller & Co., 280 Madison av, New York
VICTORIA liquid soap—F. S. Walton Co., Orthodox & Del., Philadelphia, Pa.
VICTORIA paris white—H. F. Taintor Mfg. Co., 2 Rector, New York
VICTORIA reclaimed rubber—U. S. Rubber Reclaiming Works, 42nd st bldg., New York
VICTORIA row-locks—Wilcox, Crittenden & Co., Middletown, Conn.
VICTORIA venetian blinds, window screens—Bostwick-Goodell, Norwalk, Ohio
VICTORIA GRAY marble—Victoria Marble Co., Knoxville, Tenn.
VICTORIA PINK marble—Victoria Marble Co., Knoxville, Tenn.
VICTORY axes—Dunn Edge Tool Co., Oakland, Ohio
VICTORY cow milking machines—Starch Bros. Co., La Crosse, Wis.
VICTORY lubricating oils & greases—Wm. P. Miller Co., 2316 S. Wabash av, Chicago, Ill.
VICTORY power sprayer—Oeming Co., Salem, Ohio
VICTORY tool steel—Hy. Rossell, 24 S. Jefferson, Chicago, Ill.
VICTORY varnish—Nubian Paint & Varnish Co., 1856 Leclair av, Chicago, Ill.
VICTORY JUNIOR power sprayer—Oeming Co., Salem, Ohio
VICTROLINE automobile & furniture polish—Victroline Co., 39 Pearl, Boston, Mass.
VIDUET brass engine lubricators—Wm. Powell Co., Cincinnati, Ohio
VIENNA bakers' oven doors—Chas. Robson & Co., 8th & Washington av, Philadelphia, Pa.
VIENNA MOIRE blotting paper—Albemarle Paper Mfg. Co., Richmond, Va.
VIGILANT electric bells—Edwards & Co., 140th & Exterior av, New York
VIGILANT feed water regulators—Chaplin-Fulton Mfg. Co., Pittsburgh, Pa.
VIGILANT safety water columns—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
VIGO belting & hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
VIKING babbitt metal—Thos. F. Lukens Metal Co., 238 N. 4th, Philadelphia, Pa.
VIKING belting—New York Leather Belting Co., 465 Kent av, Brooklyn, N. Y.
VIKING cooking stoves—Odin Stove Mfg. Co., Erie, Pa.
VIKING lubricators—Wm. Powell Co., Cincinnati, Ohio
VIKING oil circulating pumps—Peters Machine & Mfg. Co., 7320 Madison av, Cleveland, Ohio
VIKING packing—Manhattan Rubber Mfg. Co., Passaic, N. J.
VIKING pig iron—Carbon Iron & Steel Co., Ltd., Mauch Chunk, Ia.
VIKING shears—Viking Shear Co., Erie, Pa.
VIKING shears—Whitney Metal Tool Co., Rockford, Ill.
VIKING transformers—Viking Electric Co., 152 Chambers, New York
VILLAGE BLACKSMITH cutlery—Washington Cutlery Co., Watertown, Wis.
VILVCO sand & gravel heaters & dyers—Harry Vissering & Co., 14 E. Jackson blvd., Chicago, Ill.
VIM bronze metal bearings—Bronze Metal Co., 30 Church, New York
VIM clothes washing machines—Blackstone Mfg. Co., Jamestown, N. Y.
VIM engines—Ames Iron Works, Oswego, N. Y.
VIM gas igniters, spark plugs—K-W Ignition Co., Chester av & E. 30th, Cleveland, Ohio
VIM mechanical leather goods—E. F. Houghton & Co., 240 W. Somerset, Philadelphia, Pa.
VIM rubber hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
VIM vacuum cleaner—Chas. W. Emery, 2036 N. 13th, Phila., Pa.
VINCENT belting—L. H. Gilmer Co., Tacony, Philadelphia, Pa.
VINEYARD gang plows—Parlin & Orendorff Co., Canton, Ill.
VIRGINIA oil cans—Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.
VIRTUE air pumps—Brown Co., Syracuse, N. Y.
VIRUCO packing—Victor Rubber Co., Springfield, Ohio
VISCOL belt dressing—Viscol Co., Cambridge, Mass.
VISCOS lubricating oils & greases—Nat'l Oil & Sup. Co., 180 Frelinghuysen av, Newark, N. J.
VISE CLIP paper clips—H. C. Cook Co., 100-120 Jewett, Ansonia, Conn.
VISMERA rust resisting iron—Inland Steel Co., First Nat'l Bank bldg., Chicago, Ill.
VITAL spark plugs, vacuum cleaners—Bigsby-Rotary Mfg. Co., 7500 Quincy av., Cleveland, O.
VITALIC rubber tires, inner automobile tubes, bicycle & motor cycle pedals, motorcycle grips—Continental Rubber Works, Erie, Pa.
VITEOSIL pyrometer tubes—Thermal Syndicate (Ltd.), 50 E. 41st, New York
VITIO closet seats—James M. Teahen, Detroit, Mich.
VITRALITE enamels—Pratt & Lambert, Buffalo, N. Y.
VITRAWITE enamels—Flood & Conklin Co., 132 Chestnut, Newark, N. J.
VITRAY brass engine lubricators—Wm. Powell Co., Cincinnati, Ohio

VITREO lavatories & fittings—Haines, Jones & Cadbury Co., 1136 Ridge av, Philadelphia, Pa.
VITREOSIL laboratory apparatus & supplies—Thermal Syndicate (Ltd.), 50 E. 41st, New York
VITRIFIX floor hardener—Vitrifix Co., 133 W. Washington, Chicago, Ill.
VITRO water closets, water closet tanks—James M. Teahen, Detroit, Mich.
VITROLAC varnishes for all purposes—Harrison Works (Du Pont), 35th & Grays Ferry rd, Philadelphia, Pa.
VIVIAN rate controllers—Norwood Engineering Co., Florence, Mass.
VIXEN tools—Vixen Tool Co., 5007 Lancaster av, Philadelphia, Pa.
VIXEN wrenches—Bonney Vise & Tool Works, Allentown, Pa.
VIZOR self closing oilers—Brown Spring Oiler Co., 6911 Carnegie av, S. E., Cleveland, Ohio
VLCHEK tools—Vlchek Tool Co., 10711 Quincy av, Cleveland, Ohio
VOGEL ground connection clamps—Fairmount Elec. & Mfg. Co., 59th & Woodland av, Phila., Pa.
VOGT water tube boilers—Henry Vogt Machine Co., Louisville, Ky.
VOGUE wall paper—Allen Higgins Paper Co., Worcester, Mass.
VOIGTMANN'S fire-proof windows—S. H. Pomeroy Co., 282 E. 134th, New York
VOLBRATH sinks & trays—Volbrath Co., Sheboygan, Wis.
VOLCANIC kitchen enameled ware—Cleveland Stamping & Tool Co., Cleveland, Ohio
VOLCANO car stoves—Buda Co., Railway Exchange bldg., Chicago, Ill.
VOLCANO spark plugs—Volcano Spark Plug Co., Ashland, Ohio
VOLCANO steam heaters, water tube heaters—Harrisburg Mfg. & Boiler Co., Harrisburg, Pa.
VOLGER marking inks—B. C. Volger Mfg. Co., Passaic, N. J.
VOL-KA-NO paint—Black Diamond Mfg. Co., 1219 Bank, Cincinnati, Ohio
VOLKI metal polish—Brewer & Co., Worcester, Mass.
VOLLANS electric welding machines—Detroit Electric Welder Co., 255 Lafayette av, Detroit, Mich.
VOLLER automobile horns—Post & Lester Co., Hartford, Conn.
VOLLRATH kitchen enameled ware—Vollrath Co., Sheboygan, Wis.
VOLT belting—Hide, Leather & Belt Mfg. Co., 227 S. Meridian, Indianapolis, Ind.
VOLTALAC insulating varnish—Standard Varnish Works, 90 West, New York
VOLTA storage battery igniter—Witherbee Igniter Co., 1904 Broadway, New York
VOLTZ automobile wind shields—Limousine-Carriage Mfg. Co., 3515 S. Michigan av, Chicago, Ill.
VOLUNTEER lubricators—Nathan Mfg. Co., 416 E. 106th, New York
VOLUNTEER steam heaters—Wm. H. Page Boiler Co., 141 W. 36th, New York
VOLUNTEER steel ranges—Tenn. Stove Co., Chattanooga, Tenn.
VON BODEN-INGLES fuel oil burners—Sullivan Edward S. Co., Monad bldg, San Francisco, Cal.
VON DUPRIN emergency exit door locks—Vonnegut Hardware Co., Indianapolis, Ind.
VORITE rubber substitutes—Pierce Co., East Rochester, N. Y.
VORTEX carbureters—Fowler Lamp & Mfg. Co., 59 E. 24th, Chicago, Ill.
VORTEX centrifugal pumps—Lawrence Pump & Engine Co., Lawrence, Mass.
VORTEX dish washing machines—Hamilton-Low Co., 145 E. 42nd, New York
VORTEX paper cups—Vortex Mfg. Co., 421 N. Western av, Chicago, Ill.
VOSBERG floor & ceiling plates—N. O. Nelson Mfg. Co., 10th & Chestnut, St. Louis, Mo.
VOSPER pipe cutters—Toledo Pipe Threading Machine Co., 1440 Summit, Toledo, Ohio
VOSS water motor washing machines—Voss Bros. Mfg. Co., Davenport, Ia.
VOYNOW pole repair sleeves—Wm. D. Gherky, Heed bldg., Philadelphia, Pa.
VRANE BRAND pocket knives—Max Klaas, 108 Fulton, New York
VROOMAN'S sink strainers—Andrews Wire & Iron Works, Rockford, Ill.
VUDOR porch shades—Hough Shade Corporation, Janesville, Wis.
VULCABESTON packing, insulating compounds—Johns-Pratt Co., Hartford, Conn.
VULCABESTON packing, insulating compounds, insulating washers—H. W. Johns-Manville Co., Madison av & 41st, New York
VULCAFIBRON packing—C. W. Trainer Mfg. Co., 55 High, Boston, Mass.
VULCAN anvils, tire & axle shrinkers—Illinois Iron & Bolt Co., Carpentersville, Ill.
VULCAN auto tools, caliper gauges, clamp lathe dogs, clamps, "C" machinists' strap, tool markers & vise, chain pipe wrenches & vises, eye bolts, handles, balance crank & machine hoist hooks, lathe dogs, milling machine dogs, swivels, tool holders, wire rope sockets—J. H. Williams & Co., 31 Richards, Brooklyn, N. Y.
VULCAN babbitt metal—North American Smelting Co., 9th & Thompson, Philadelphia, Pa.
VULCAN belt dressing—Goodyear Rubber Hose & Packing Co., 221 Chestnut, Philadelphia, Pa.
VULCAN coat & hat hooks—Morgan Spring Co., Worcester, Mass.
VULCAN coat & hat hooks—Parker Wire Goods Co., Worcester, Mass.
VULCAN coffee percolators, soldering irons, wax melters—Vulcan Electric Heater Co., Buffalo, N. Y.
VULCAN compressed air locomotives, power hammers—Vulcan Iron Works, Mason City, Ia.
VULCAN fire alarm signal boxes—J. H. Bunnell Co., 32 Park pl, New York
VULCAN fire extinguishers—Knight & Thomas, 212 Summer, Boston, Mass.
VULCAN foot power hammers—Vulcan Iron Works Co., Mason City, Ia.
VULCAN furnace pipes—Waverly Heating & Supply Co., 52 Union, Boston, Mass.
VULCAN gas engines—Vulcan Engine Works, 1727 Ludlow, Philadelphia, Pa.
VULCAN gas soldering furnaces, sad irons, waffle irons, melting pots, heaters, ranges, cast iron griddles & gas logs—W. M. Crane Co., 16 W. 32d, New York
VULCAN gasoline blow torches—Otto Bernz, 17-37 Ashland, Newark, N. J.
VULCAN gasoline blow torches—Bridgeport Brass Co., Bridgeport, Conn.
VULCAN hand forks—Pratt Fork & Hoe Corp., Frankfort, N. Y.
VULCAN horse nails—Fowler Nail Co., Seymour, Conn.
VULCAN hose, packing—Empire Tire & Rubber Corp., East Trenton, N. J.
VULCAN iron—Lockhart Iron & Steel Co., Pittsburgh, Pa.
VULCAN linen ledger paper—Carew Mfg. Co., S. Hadley Falls, Mass.
VULCAN lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
VULCAN packing—New York Belting & Packing Co., 91 Chambers, New York
VULCAN packings—Vulcan Asbestos Mfg. Co., W. North av., Westfield, N. J.
VULCAN pipe vises—Hilts Wrench & Mfg. Co., Richford, N. Y.
VULCAN roving cans—Jas. Hill Mfg. Co., 52 Westfield, Providence, R. I.
VULCAN screw drivers—Clement Mfg. Co., Northampton, Mass.
VULCAN shears—Merwin Mfg. Co., Erie, Pa.
VULCAN shears & punching machines—Vulcan Engineering Sales Co., 1764 Elston av, Chicago, Ill.
VULCAN spelter, brass ingots—Vulcan Louisville Smelting Co., 208 S. La Salle, Chicago, Ill.
VULCAN steam shovels—Bucyrus Co., South Milwaukee, Wis.
VULCAN tube cleaners—G. L. Simonds & Co., 230 S. La Salle, Chicago, Ill.
VULCANITE asphalt mastic—Barber Asphalt Paving Co., Land Title bldg., Philadelphia, Pa.
VULCANITE asphalt paints, roofing, shingles—Patent Vulcanite Roofing Co., 2500 Ogden av, Chicago, Ill.
VULCANITE cement—Vulcanite Portland Cement Co., Land Title bldg., Philadelphia, Pa.
VULCANITE emery wheels—New York Belting & Packing Co., 91 Chambers, New York
VULCANIZED fibre timer rings—Continental Fibre Co., Newark Centre, Del.
VUL-COT waste paper baskets—American Vulcanized Fibre Co., Equitable bldg., Wilmington, Del.

W. cotton twine—Estes Mills, Fall River, Mass.
W. hollow mortising chisels—Star Bit & Tool Co., Rockford, Ill.
W. wire fences & gates—Wright Wire Co., Worcester, Mass.

W. A. 30 CAL smokeless rifle powder—Hercules Powder Co., Wilmington, Del.
W. B. & C. lenses, watch crystals—Albert Berger & Co., 45 John, New York
W. C. auto-boat steerers—Wilcox, Crittenden & Co., Middletown, Conn.
W. C. bell roofing edgers—O. W. Burritt & Bro., Weedsport, N. Y.
W. C. C. antimony—Wah Chang Mining & Smelting Co., 233 Broadway, New York
W. D. paint—Dielectric Mfg. Co., 224 S. Vandeventer av, St. Louis, Mo.
W. D. M. metal face packing—Wasl Packing Co., 304 New, Phila., Pa.
W. D. W. blacksmiths' nippers—H. D. Smith & Co., Plantsville, Conn.
W. E. POTHEAD insulating compounds—Western Electric Co., 463 West, New York
W. H. MORLEY & SONS shears & scissors—Adolph Kastor & Bro., 109 Duane, New York
W. J. switch stands—Wm. Wharton, Jr., & Co., Inc., Easton, Pa.
W. J. DENNIS window brushes—W. J. Dennis & Co., 2120 W. Lake, Chicago, Ill.
W-L shingle stains—Woodlife Co., 262 Fulton, Brooklyn, N. Y.
W.-M. iceless refrigerators—Metal Barrel Co., Galesburg, Ill.
W. P. H. packing—Crandall Packing Co., Palmyra, N. Y.
W. P. S. metallic packing—Western Packing & Supply Co., 231 N 5th av, Chicago, Ill.
W-S. hydraulic jacks, machinery, presses—Watson-Stillman Co., 38 Church, New York
W. S. rivet sets, tap borers—P. Lowentrout Mfg. Co., 36 Brenner, Newark, N. J.
W. 17 hot water supply boilers—H. B. Smith Co., Westfield, Mass.
W. U. C. voltage regulators—Portland Co., Portland, Me.
W. W. belt dressing—Duryea Mfg. Co., Bayonne, N. J.
W. W. wire poultry netting—Wickwire Bros., Cortland, N. Y.
W. & B. rubber horseshoe pads—Victor Rubber Co., Springfield, Ohio
W. & B. tool cases—Wedell & Boers, 157 Jefferson, Detroit, Mich.
W. & B. wrenches, files, rubber horseshoes—Whitman & Barnes Mfg. Co., Akron, Ohio
W. & B. DIAMOND twist drills, lawn mowers—Whitman & Barnes Mfg. Co., Akron, Ohio
W. & C. MFG. CO. bath & basin plugs—Weir & Craig Mfg. Co., 2421 Wallace, Chicago, Ill.
W. & E. oil tanks & pumps—A. C. Kraft, 323 W. Lake, Chicago, Ill.
W. & H. ROWLAND automobile springs—Wm. & Harvey Rowland, Frankford, Phila., Pa.
W. & M. telephone wire—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
W. & McD. blow-off valves, steam separators—Watson & McDaniel Co., 146 N. 7th, Phila., Pa.
W. & B. MACHINISTS wrenches—Whitman & Barnes Mfg. Co., Akron, Ohio
W. & P. self-oiling & buffing lathes & bench grinders—Webster & Perks Tool Co., Springfield, Ohio
W. & R. spray pumps—Rochester Spray Pump Co., Rochester, N. Y.
W. & T. chlorinators—Wallace & Tiernan Co., Inc., 137 Centre, New York
WABASH cement—Wabash Portland Cement Co., Detroit, Mich.
WABASH horse collar pads—Harsh-Miller Mfg. Co., Wabash, Ind.
WABASH EXPRESS coaster wagons—Wabash Mfg. Co., Terre Haute, Ind.
WADE precision bench lathes—Walter H. Wade, 311 Atlantic av, Boston, Mass.
WADE & BUTCHERS razors—Adolph Kastor & Bros., 109 Duane, New York
WADHAMS grease cups—Wadhams Oil Co., Nat'l Bank bldg, Milwaukee, Wis.
WADSWORTH kerosene traction engines—Detroit Engine Works, Detroit, Mich.
WAGAMAN gas engines—Advance Mfg. Co., Hamilton, Ohio
WAGENHALS electric car headlights—Dayton Mfg. Co., Dayton, Ohio
WAGGONER fire buckets—Northern Fire Apparatus Co., 2422 University av, S. E. Minneapolis, Minn.
WAGNER ALL-METAL fly traps—Wagner Mfg. Co., Cedar Falls, Ia.
WAGNER bar staples, gasoline engine trucks, cupboard catches, roof brackets, sash holders, screen door hangers, braces & hinges, hay rack clamps, door pulls, coil springs & lawn spuds, sliding door latches, steering coasters—Wagner Mfg. Co., Cedar Falls, Ia.
WAGNER coffee percolators, spiders—Wagner Mfg. Co., Sidney, Ohio
WAGNER cold-saw cutting-off machines, metal boring machines—Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
WAGNER DAISY fly traps—Wagner Mfg. Co., Cedar Falls, Ia.
WAGNER DANGER ice chippers—Wagner Mfg. Co. Cedar Falls, Ia.
WAGNER induction motors, single phase converters—Wagner Electric Mfg. Co., 6400 Plymouth av, St. Louis, Mo.
WAGNER LEADER door hangers—Wagner Mfg. Co., Cedar Falls, Ia.
WAGNER sausage stuffers—Silver Mfg. Co., Salem, Ohio
WAGNER & LOWE hoof parers—Lowe Mfg. Co., Enderlin, N. D.
WAGNER'S children's carriages—E. R. Wagner Mfg. Co., North Milwaukee, Wis.
WAGNER'S flue stops—Weber & Kirck Mfg. Co., Keokuk, Iowa
WAIBEL'S pitching machines, rapid branders—Cleveland Brewers' Supply Co., Cleveland, Ohio
WAINWRIGHT expansion joints, steam condensers—Alberger Pump & Condenser Co., 140 Cedar, New York
WAINWRIGHT steel bound concrete curb—Steel Protected Concrete Co., Real Estate Trust bldg., Phila., Pa.
WAITE gasoline traction engines—Waite Tractor Co., Elgin, Ill.
WAKEFIELD pipe wrenches—Clarence E. Wakefield, Worcester, Mass.
WALCOTT chain warpers—Draper Corp., Hopedale, Mass.
WALDA sash weights—Kennedy-Stroh Corp., Pittsburgh, Pa.
WALDEN-WORCESTER wrenches—Walden-Worcester, Inc., Worcester, Mass.
WALDKIRCHER'S oscillating force pumps—Klotz Machine Co., Sandusky, Ohio
WALDO ring packing—H. Johnson Co., ft Gates av, Jersey City, N. J.
WALDO shade holders—Waldo Co., 45 E. 20th, New York
WALDO JR., sanitary drinking fountains—Trenton Potteries Co., Trenton, N. J.
WALDRON hot air furnace—Brien Heater Co., Westfield, Mass.
WALDS door bumpers—Diehl Novelty Co., Glenbeulah, Wis.
WALES adding machines—Adder Machine Co., Wilkes-Barre, Pa.
WALKER belt fasteners—R. & J. Dick, Passaic, N. J.
WALKER coal drills, mine cages, mine tipples—What Cheer Tool Co., What Cheer, Ia.
WALKER cold rolled shafting—Walker Mfg. Co., Denver, Colo.
WALKER cork pullers, ice picks, ice shavers, lemon squeezers, ice cream dishers—C. L. Walker & Co., 656 W. 12th, Erie, Pa.
WALKER farm wagons—Geo. S. Cady & Co., Moravia, N. Y.
WALKER fire hydrants—Norwood Engineering Co., Florence, Mass.
WALKER flexible joints—Crane Co., 836 S. Michigan av, Chicago, Ill.
WALKER grapple forks—G. A. Swineford Co., Canton, Ohio
WALKER hay carriers—Jackson-Byron Iron Works, Berkeley, Cal.
WALKER oil & gasoline pumps—A. C. Kraft, 323 W. Lake, Chicago, Ill.
WALKER steam heaters—Walker & Pratt Mfg. Co., 33 Union, Boston, Mass.
WALKER twine holders—Universal Winding Co., Boston, Mass.
WALKER'S mane combs—Rubber & Celluloid Harness Trimmings Co., 56 Ferry, Newark, N. J.
WALKOVER car seats, chairs & fittings—Hale & Kilburn Co., 1800 Lehigh av, Phila., Pa.
WALLABOUT rubber hose—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
WALLACE angle benders, anti-rattlers, car racks, sign holders—Wallace Supplies Mfg. Co., 412 Orleans, Chicago, Ill.
WALLACE carbureters—Lucas-Wallace Mfg. Co., Paducah, Ky.
WALLACE lemon squeezers—A. C. Williams Co., Ravenna, Ohio
WALLACE DECK openers — Wallace Supplies Mfg. Co., 412 Orleans, Chicago, Ill.
WALLIS gasoline traction engines—Wallis Tractor Co., Racine, Wis.

WALLS engineers' oiling sets—P. Wall Mfg. Supply Co., 705 Preble av, N. S. Pittsburgh, Pa.
WALLWORKS portable lights—Wells Light Mfg. Co., 154 Chestnut av, Jersey City, N. J.
WALRINE leather wheels—Miller & Co., 12 William, Newark, N. J.
WALRUS asphalt roofing—Warren Chemical & Mfg. Co., 17 Battery pl, New York
WALRUS oil pumps lubricator—D. T. Williams Valve Co., Cincinnati, Ohio
WALRUS rubber packing—Manhattan Rubber Mfg. Co., Passaic, N. J.
WALSH safety lock snaps—Walsh Safety Lock Snap Co., Bellevue, Ohio
WALSH sugar cane carrier feeders—Henry Nadler, Plaquemine, La.
WALSH window tents—Cabinet Mfg. Co., Quincy, Ill.
WALTER A., Wood reapers—Walter A. Wood, Hoosick Falls, N. Y.
WALTERS gasoline blow torches—Quadriga Mfg. & Specialty Co., 213 W. Grand av, Chicago, Ill.
WALTERS metallic shingles—National Sheet Metal Roofing Co., 339 Grand, Jersey City, N. J.
WALTHAM weather vanes—L. W. Cushing & Son, Waltham, Mass.
WALTON electric washing machines—Home Washing Machine Co., 33 35th, Brooklyn, N. Y.
WALTON tap extractors—Walton Co., Hartford, Conn.
WALWITE water paints—M. Ewing Fox Co., 241 E. 136th, New York
WALWORTH genuine stillson pipe wrenches, pipe cutters, pipe vises—Walworth Mfg. Co., Boston, Mass.
WALWORTH pipe vises—Oswego Tool Co., Oswego, N. Y.
WAMPUS rubber packing—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio
WANDS hand vacuum cleaners—Standard Mfg. Co., Syracuse, N. Y.
WANG lubricating oils & greases—Van Tilburg Oil Co., 2424 University av, Minneapolis, Minn.
WANIGAS asphalt roofing, roofing paints—Asphalt Roofing Co., Saginaw, Mich.
WANTOPAIL collapsible buckets—Pillsbury Mfg. Co., 322 Hennepin av, Minneapolis, Minn.
WAPELLO rural mail boxes—C. L. Bettler & Son, Wapello, Ia.
WARD chain pumps, double cylinder air pumps—Ward Pump Co., Rockford, Ill.
WARD desk telephone brackets, orchestra lamps—McLeod, Ward & Co., 430 11th av, New York
WARD gasoline traction engines—Ward Tractor Co., Lincoln, Nebr.
WARD safety razors—Ward Safety Razor Co., Blue Island, Ill.
WARDDEN oil filters—Burt Mfg. Co., 40 Main, Akron, Ohio
WARD'S high speed & tool steel—Ward's Edgar T. Sons, 304 Hudson, New York
WARDWELL stone channeling machines—New Albany Mfg. Co., New Albany, Ind.
WARING drainage systems—Waring, Chapman & Farquhar, 874 Broadway, New York
WARING washing machines—Ed. C. Waring, Huntsville, Mo.
WARLIC steam heaters—Warlic Heater Mfg. Co., Frisco bldg., St. Louis, Mo.
WARMOTH-HYATT sugar disintegrators—Gibbens & Stream, New Orleans, La.
WARNER ammeters & voltmeters—Standard Electric Time Co., Springfield, Mass.
WARNER carriage & wagon wheels—P. Lebzelter, Son & Co., Lancaster, Pa.
WARNER cultivators—Racine-Sattley Co., Springfield, Ill.
WARNER door springs, screen door checks, wire stretchers—Arcade Mfg. Co., Freeport, Ill.
WARNER elevators, gasoline engines, pumping engines—Warner Elev. Mfg. Co., Warner, Ill.
WARNER hub bands—Eastern Malleable Iron Co., Naugatuck, Conn.
WARNER lantern holders—W. C. Ladd, Bristol, Conn.
WARNER pistols—Davis-Warner Arms Co., 96 Chambers, New York
WARNER speedometers, auto meters & speed indicators—Stewart-Warner Speedometer Corp., 1826 Diversey Parkway, Chicago, Ill.
WARNER woven wire fences—Warner Fence Co., Ottawa, Kan.
WARNOCK pipe vises, pipe & brass wrenches—Warnock Mfg. Co., 54 Commercial, Worcester, Mass.
WARNOCK SIMPLEX brass & pipe wrenches—Warnock Mfg. Co., 54 Commercial, Worcester, Mass.
WARREN feed mangers—Rockford Steel Fixture Co., Rockford, Ill.
WARREN hay racks—Harris Mfg. Co., Salem, Ohio
WARREN metal polish—Warren Refining & Chemical Co., 9420 Meech av, Cleveland, Ohio
WARREN tuyere irons—Illinois Iron & Bolt Co., Carpentersville, Ill.
WARREN'S pulley covering—Warren Co., Niles, Mich.
WARRINER cattle stanchions—W. B. Crumb, Forestville, Conn.
WARRINGTON pile drivers' hammers—Vulcan Iron Works, 327 N. Irving av, Chicago, Ill.
WASCO garage self-regulating heating systems—W. A. Schleit Mfg. Co., Syracuse, N. Y.
WARSAW elevators—Warsaw Elevator Co., Warsaw, N. Y
WARWICK dredge chains—Newhall Chain, Forge & Iron Co., 89 West, New York
WARWOOD coal mining picks—Warwood Tool Co., Warwood, Wheeling, W. Va.
WASCO spark plugs—Washington Auto Supply Co., Washington, Ill.
WASHABLE wall finish—Boydell Bros. White Lead & Color Co., Detroit, Mich.
WASHASH metal frame window screens—Continental Co., Detroit, Mich.
WASHBURN vises—Barbour Stockwell Co., Cambridge, Mass.
WASHBURNE sliding door latches—National Mfg. Co., Sterling, Ill.
WASHBURNE'S O. K. paper fasteners—O. K. Mfg. Co., Syracuse, N. Y.
WASHINGTON carbonators—S. Twitchell Co., 223 Vine, Phila., Pa.
WASHINGTON cement—Washington Portland Cement Co., Concrete, Wash.
WASHINGTON spark plugs—Washington Auto Supply Co., Washington, Ill.
WASHINGTON stoves—Allen Mfg. Co., Nashville, Tenn.
WASHINGTON stoves—Gray & Dudley Hardware Co., Nashville, Tenn.
WASSON piston rings—Wasson Piston Ring Co., Plainfield, N. J.
WASSON wire reels—Wasson Reel Co., Clinton, Ill.
WATCH DOG feed water regulators—L. J. Wing Mfg. Co., 352 W. 13th, New York
WATCH DOG water meters—Gamon Meter Co., Newark, N. J.
WATCHMAN'S time recorder—E. Imhauser Co., 212 B'way, New York
WATCO red lead—Wm. Waterall & Co., Camden, N. J.
WATER feed water heaters & purifiers, steam separators—Power Plant Specialty Co., Monadnock Blk., Chicago, Ill.
WATERBURY emery grinders—Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
WATERBURY hydraulic variable speed gears—Waterbury Tool Co., Waterbury, Conn.
WATERBURY lawn sprinklers—Noera Mfg. Co., Waterbury, Conn.
WATERIDE flat belting—F. Raniville Co., Grand Rapids, Mich.
WATER KING waterproof belting—Bay State Belting Co., 605 Atlantic av, Boston, Mass.
WATERLOO BOY cream separators, cow milking machines, gasoline engine, kerosene tractor, manure spreaders—Waterloo Gasoline Engine Co., 625 Miles, Waterloo, Ia.
WATERMAN gas & gasoline pumping & marine gasoline engines—Arrow Motor & Machine Co., 30 Church, New York
WATERMAN self feeding drills—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
WATER NYMPH collars & cuffs—The Arlington Works (E. I. du Pont de Nemours & Co.), 21 E. 40th, New York
WATERSEAL roofing cements—Thompson & Co., 1111 Galveston av, N. S., Pittsburgh, Pa.
WATERTIGHT battery holders—Stanley & Patterson, 23 Murray, New York
WATERTIGHT turbine water wheels—Wm. Bartley & Sons, Bartley, N. J.
WATERTOWN cylinder cocks, automatic oil valves, water gauges—Watertown Specialty Co., Watertown, N. Y.
WATER WEIGHT lawn & garden rollers—Dunham Co., Hippodrome bldg, Cleveland, Ohio
WATER WITCH belting—N. Palmer & Co., Bridgeport, Conn.
WATERWITCH waterproof belting—Smyth-Despard Co., Utica, N. Y.
WATRES graphite lubricators—American Safety Lamp & Mine Supply Co., Scranton, Pa.
WATROUS bubbling cups, self-closing faucets, lavatory, fittings & flush pipes—Watrous Co., 14 E. Jackson blvd, Chicago, Ill.

WATROUS auger bits—C. E. Jennings & Co., 71 Murray, New York
WATROUS cocks & bibbs—Federal-Huber Co., 234 N. Halsted, Chicago, Ill.
WATROUS screen door catches, storm sash hangers —Watrous Acme Mfg. Co., Des Moines, Ia.
WATROUS urinals, flushing valves & water closets—Imperial Brass Mfg. Co., 524 S. Racine av, Chicago, Ill.
WATSON automatic barrel fillers, forge blowers, portable forges—Cleveland Steam Gauge Co., 1108 W. 9th, Cleveland, Ohio
WATSON clay press cocks—Trenton Brass & Machine Co., Trenton, N. J.
WASON electric motors, electric disc fans—Mechanical Appliance Co., Milwaukee, Wis.
WATSON horse cards—L. S. Watson Mfg. Co., Leicester, Mass.
WATSON packing—M. T. Davidson Co., 43 Keap, Brooklyn, N. Y.
WATSON pressure regulators—Watson & McDaniel Co., 146 N. 7th, Phila, Pa.
WATSON roof flanges—Davis-Watson Mfg. Co., Nashua, N. H.
WATSONITE sanitary flooring—Raecolith Flooring Co., Seattle, Wash.
WATT gas radiators—Robt. Watt Mfg. Co., 1720 N. 20th, Phila., Pa.
WATT plows—Call-Watt Co., Richmond, Va.
WATTERS grab buckets—Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.
WATTS blast furnaces—Va. Iron, Coal & Coke Co., Roanoke, Va.
WATTS corn shellers—Watts Mfg. Co., Jackson, Mich.
WATTS oil proof packing—John M. Watts Sons, 54 N. 2nd, Phila., Pa.
WATTS pressure regulators, speed limit engine stops, valves, steam traps, shaking grates—Watts Regulator Co., Lawrence, Mass.
WATTS LAWRENCE damper regulators—Watts Regulator Co., Lawrence, Mass.
WAUGH draft gear—Waugh Draft Gear Co., Peoples Gas bldg., Chicago, Ill.
WAUGH pneumatic drills—Denver Rock Drill Mfg. Co., Denver, Colo.
WAUGHT circle & rotary shears—Thomas Machine Co., Elmira, N. Y.
WAUKEGAN barbed wire—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
WAUPUN water motors—Althouse-Wheeler Co., Waupun, Wis.
WAUREGAN rubber hose—National India Rubber Co., Bristol, R. I.
WAXINE hard wax floor polish—I. H. Wiley Waxine Co., 68 Dover W., Boston, Mass.
WAXIT furniture polish—Van Tilburg Oil Co., Minneapolis, Minn.
WAXOL carriage top dressing furniture polish—W. W. Reid Mfg. Co., 204 Milk, Boston, Mass.
WAX-RITE floor polishers — Hamilton-Beach Mfg. Co., Racine, Wis.
WAXSTUFF cloth lined waterproof wrapping—Insurance Packing Mills, Brockton, Mass.
WAYCOTT brake beams—Damascus Brake Beam Co., London rd & Nickel Plate, Cleveland, Ohio
WAYMAKER automobile horns—Lee Tire & Rubber Co., Conshohocken, Pa.
WAYNE clothes washing machines, washboards—Wayne Mfg. Co., 124 Sidney, St. Louis, Mo.
WAYNE vacuum cleaners—Chas. W. Emery, 2036 N. 13th, Phila., Pa.
WAYNE steel bins—Iron Crib & Bin Co., Wooster, Ohio
WAY'S smelting outfits—Way's Pocket Smelter Co., South Pasadena, Cal.
WEAND sprinkler nozzles, rotary screens—Merritt Hydraulic Co., 110 N. Broad, Phila., Pa.
WEAREBEST typewriter ribbons—Vacuo-Static Carbon Co., Rochester, N. Y.
WEARETTE varnish—Twin City Varnish Co., St. Paul, Minn.
WEAR-EVER aluminum hollow ware—Aluminum Cooking Utensil Co., New Kensington, Pa.
WEAR-PROOF galvanized steel mats—Wear-Proof Mat Co., 500 S. Peoria, Peoria, Ill.
WEARWELL braided cordage—Silver Lake Co., Newtonville, Mass.
WEAR WELL packing, gaskets, clutch linings, leather cups, washers—Detroit Leather Specialty Co., 275 Beecher av, Detroit, Mich.
WEAR-WELL REGAL-leather specialties — Detroit Leather Specialty Co., 275 Beecher av, Detroit, Mich.
WEAR-WRITE typewriter ribbons—Phillips Ribbon & Carbon Co., 88 Manhattan, Rochester, N. Y.
WEATHERBEST stained shingles—Transfer Stained Shingle Co., North Tonawanda, N. Y.
WEATHERED hot water heaters—Weathered Co., Orient & West End av, Jersey City, N. J.
WEATHERITE elastic cements—Pecora Paint Co., 4th & Sedgely av, Phila., Pa.
WEATHERKING umbrellas—Wolfson Bros. Umbrella Co., 392 Broadway, New York
WEATHERPROOF rural mail boxes—Tharpe Hardware & Mfg. Co., Monroe, N. C.
WEAVER AUTO-TWIN automobile jacks—Weaver Mfg. Co., Springfield, Ill.
WEAVER feed water heaters—Jno. O'Brien Boiler Works Co., 11th & Mullanphy, St. Louis, Mo.
WEAVER automobile wrenching trucks, forcing presses—Weaver Mfg. Co., Springfield, Ill.
WEAVER'S jaw chucks—Weaver Mfg. Co., Springfield, Ill.
WEBB automobile & wire belts & flexible shafts—Webb Mfg. Co., ft. Centre, Newark, N. J.
WEBB printing presses—Ray Bros., Ashland, Mass.
WEBBER fanning mills, grain graders—Hirsch Bros., 267 Reed, Milwaukee, Wis.
WEBER compressed air systems—Weber Subterranean Pump Co., 50 E. 42d, New York
WEBER concrete chimneys—Weber Chimney Co., McCormick bldg, Chicago, Ill.
WEBER enclosed fuses, electric rosettes, incandescent cut-outs, electric lamp sockets—Henry D. Sears, 80 Boylston, Boston, Mass.
WEBER gas engines, gas producers—American Gas Engine Co., Kansas City, Mo.
WEBER rail joints—Rail Joint Co., 61 Broadway, New York
WEBER UNIVERSAL sockets—Henry D. Sears, 80 Boylston, Boston, Mass.
WEBSTER lamp adjusters, lamp guards—Frank W. Morse, 289 Congress, Boston, Mass.
WEBSTER pencil sharpeners—F. S. Webster Co., 340 Congregational, Boston, Mass.
WEBSTER steam separators—Webster, Warren & Co., Camden, N. J.
WEDGEWOOD gas, coal & wood stoves & ranges—James Graham Mfg. Co., 53 Mission, San Francisco, Cal.
WEEBER automobile mufflers, wheel pullers, shock absorbers, valve removing tools—C. F. Weeber Mfg. Co., Albany, N. Y.
WEED anti-skid chains—American Chain Co., Bridgeport, Conn.
WEEKS fixture clusters—Dale Lighting Fixture Co., 107 W. 13th, New York
WE-FU-GO filtering & purifying systems—Wm. B. Scaife & Sons Co., 221 1st av, Pittsburgh, Pa.
WEHES dust absorbent sweeping compounds—Pioneer Mfg. Co., Harvard av & E. 103d, Cleveland, Ohio
WEHLING gas analysis apparatus, gas composimeters—Wehling Instrument Co., 71 Broadway, New York
WEIGHTOMETER automatic weighing conveyor scales—Merrick Scale Mfg. Co., Passaic, N. J.
WEILER jacks—Oliver Mfg. Co., 326 S. Desplaines, Chicago, Ill.
WEIMER blowing engine cylinders, gas stove burners, rolling mill trucks—Weimer Machine Works Co., Lebanon, Pa.
WEINLAND boiler cleaners, cut-off valves—Lagonda Mfg. Co., Springfield, Ohio
WEIS book cases, paper clips, postal scales, wood filing cabinets—Weis Mfg. Co., Monroe, Mich.
WEISS speed indicators—Greene, Tweed & Co., 109 Duane, New York
WEISS steam condensers—Southwark Foundry & Machine Co., 430 Washington av, Phila., Pa.
WEITMYER smokeless furnaces—Harrisburg Foundry & Machine Works, Harrisburg, Pa.
WELCO incandescent gas mantles—Welsbach Co., Gloucester City, N. J.
WELD hot water regulators—Geo. A. Weld Co., 79 Milk, Boston, Mass.
WELDAY railway braces—Signal Accessories Co., Utica, N. Y.
WELDCO heaters—Cave Welding & Mfg. Co., Springfield, Mass.
WELDCO steam heaters & welding apparatus—Cave Welding & Mfg. Co., 32 Liberty, Springfield, Mass.
WELDEX tank heaters—Richmond Water Softener Co., Richmond, Ind.
WELDWELL welding compounds—Westinghouse Electric & Mfg. Co., Pittsburgh, Pa.
WELIN QUADRANT ship davits—Welin Marine Equipment Co., 305 Vernon av, Long Island City, N. Y.
WELLBY special float valves — Beaton & Cadwell Mfg. Co., New Britain, Conn.

WELLMAN electric car headlights—Dayton Mfg. Co., Dayton, Ohio
WELLMAN melting furnaces, open hearth charging machines—Wellman-Seaver & Morgan Co., Cleveland, Ohio
WELLS electric lighting systems—R. C. Wells Mfg. Co., Fond du Lac, Wis.
WELLS floor & ceiling plates—Beaton & Corbin Mfg. Co., Southington, Conn.
WELLS multiple punching machines—Frank L. Wells Co., Kenosha, Wis.
WELLS emery tool grinders, grinders & lathes tapping machines, pipe cutters, threading dies, vises & wrenches, self-opening dies & die heads—Greenfield Tap & Die Corp'n, Greenfield, Mass.
WELL'S cutters, emery tool grinders, pipe threading dies, vises & wrenches, tapping machines, self-opening dies & die heads—Greenfield Tap & Die Corp'n, Greenfield, Mass.
WELL'S wood filing cabinets—Jos. S. Caldwell, Syracuse, N. Y.
WELSBACH reflex incandescent gas mantles & gas lamps—Welsbach Co., 1098 Filbert, Phila., Pa.
WELSH tile—Wm. H. Revis, 1128 Broadway, New York
WELTY fountain pens—Wm. A. Welty, Waterloo, Ia.
WEMOKA inner auto tubes—New Jersey Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
WENDELL centrifugal dryers—Link-Belt Co., 39th & Stewart av, Chicago, Ill.
WENTWORTH saw vises—Sargent & Co., New Haven, Conn.
WENTWORTH saw vises—E. C. Stearns & Co., 450 Oneida, Syracuse, N. Y.
WENTZ thermostats—Thomas Yoder Mfg. Co., Engineers' bldg, Cleveland, Ohio
WENZELMANN hay rack clamps—F. E. Myers & Bro., Ashland, Ohio
WENZELMAN portable grain elevator dumps—Wenzelman Mfg. Co., Galesburg, Ill.
WERNICKE flue cutters—M. B. Skinner Co., 562 W. Washington, Chicago, Ill.
WESCO armature coils, insulating compounds, trolley wheels—Wesco Supply Co., 7th & Clark av, St. Louis, Mo.
WESCO kalsomine, oil paints—West Coast Kalsomine Co., West Berkeley, Cal.
WEST hydraulic tire setters—West Tire Setter Co., Rochester, N. Y.
WESTCOTT chucks—Westcott Chuck Co., Oneida, N. Y.
WESTCOTT meters—Metric Metal Works, Erie, Pa.
WESTCOTT pipe and adjustable S wrenches—Keystone Mfg. Co., Buffalo, N. Y.
WESCOTT pipe wrenches—Kilborn & Bishop Co., New Haven, Conn.
WESTCOTT COMBINATION lathe chucks—Westcott Chuck Co., Oneida, N. Y.
WESTCOTT LITTLE GIANT screw machine chucks—Westcott Chuck Co., Oneida, N. Y.
WESTCOTT S adjustable wrenches—Keystone Mfg. Co., Buffalo, N. Y.
WEST END trolley wheels—Albert & J. M. Anderson, Mfg. Co., 289 A, Boston, Mass.
WESTERFIELD gasoline engines—Dice Machine Co., Anderson, Ind.
WESTERN bob sleds, wire stretchers—Western Steel & Iron Works, De Pere, Wis.
WESTERN brake jaws, car doors & fittings, locomotive bell ringers—Western Railway Equipment Co., Central Natl. Bank bldg., St. Louis, Mo.
WESTERN clover bunchers, hay windrowers—Walker Mfg. Co., Council Bluffs, Ia.
WESTERN corn shellers, grain cleaning & grading machinery—Union Iron Works, Inc., 630 E. William, Decatur, Ill.
WESTERN double-acting pumps—M. A. Love Mfg. Co., Rockford, Ill.
WESTERN drag & wheel road scrapers—Western Wheeled Scraper Co., Aurora, Ill.
WESTERN dry batteries—Standard Carbon Co., Los Angeles, Cal.
WESTERN dry kilns, exhaust heads, mechanical dust collectors—J. K. Miller Co., Seattle, Wash.
WESTERN equalizers—Harvey Spring & Forging Co., Racine, Wis.
WESTERN laundry stoves—Gray & Dudley Hardware Co., Nashville, Tenn.
WESTERN lawn mowers—Dille & McGuire Co., Richmond, Ind.
WESTERN liquid polish—Western Robe Mills, 610 W. Randolph, Chicago, Ill.
WESTERN oxide of iron—Western Oxide & Specialty Co., 2117 S. Jefferson, Chicago, Ill.
WESTERN spring tooth harrows, sulky hay rakes—Thomas Mfg. Co., Springfield, Ohio
WESTERN steel wagon skeins—Illinois Iron & Bolt Co., Carpentersville, Ill.
WESTERN sugar cane mills—C. S. Bell Co., Hillsboro, Ohio
WESTERN BELLE riding drills, riding listers—Moline Plow Co., Moline, Ill.
WESTERN CHIEF blacksmiths' tools—Canedy-Otto Mfg. Co., Chicago Heights, Ill.
WESTERN KING hay & corn cutter knives—Wallingford Mfg. Co., Wallingford, Vt.
WESTERN SPECIAL threshers—Huber Mfg. Co., Marion, Ohio
WESTERN STAR clothes washing machines—Wayne Mfg. Co., 124 Sidney, St. Louis, Mo.
WESTERN UNION leather splitting machines—G. W. Baker Machine Co., 218 French, Wilmington, Del.
WESTERN UNIVERSAL automobile wind shields—Western Mechanical Works, Los Angeles, Cal.
WESTFALL rasps—Westfahl File Co., 467 31st, Milwaukee, Wis.
WESTFALIA mine rescue apparatus, respirators—S. F. Hayward & Co., 250 W. 54th, New York
WESTFIELD comealongs—Eureka Co., North East, Pa.
WESTFIELD lawn mowers—Supplee-Biddle Hardware Co., 510 Commerce, Phila., Pa.
WEST HAVEN machinists' scribers & spring leaf openers—West Haven Mfg. Co., West Haven, Conn.
WESTINGHOUSE automatic slack adjusters—American Brake Co., 1932 N. Broadway, St. Louis, Mo.
WESTINGHOUSE clover hullers, threshers, gas engines & pea—Westinghouse Co., Schenectady, N. Y.
WESTINGHOUSE electric interlocking signals—Union Switch & Signal Co., Swissvale, Pa.
WESTINGHOUSE gas meters—Pittsburgh Meter Co., East Pittsburgh, Pa.
WESTINGHOUSE prime movers & auxilliaries, steam turbines, electrical apparatus, arc lamps—Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.
WESTINGHOUSE valve testing device—Westinghouse Air Brake Co., Pittsburgh, Pa.
WESTLUND friction clutches, cut-off couplings, sash locks, engine & screw cutting lathes—C. G. Westlund Co., 498 Millbury, Worcester, Mass.
WESTMAN gasoline engines—Enterprise Machinery Co., 1118 S. 3d, Minneapolis, Minn.
WESTMARK flue rattlers—Mann-McCann Co., Fisher bldg., Chicago, Ill.
WESTMINSTER paris white—H. F. Taintor Mfg. Co., 2 Rector, New York
WESTMORELAND sight feed lubricators—Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
WESTON centrifugal dryers, hydro-extractors—American Tool & Machine Co., 10 High, Boston, Mass.
WESTON chain hoists—Clinton E. Hobbs, 12 Pearl, Boston, Mass.
WESTON linen ledger paper, loose leaf paper—Weston Byron Co., Dalton, Mass.
WESTON ratchet drills—Keystone Mfg. Co., Buffalo, N. Y.
WESTON'S ratchet drills—Irving Mfg. & Tool Co., 157 Chambers, New York
WESTOVER draft gauges, combustion indicators—American Safety Lamp & Mine Supply Co., Scranton, Pa.
WEST POINT hot water heaters—J. H. McLain Co., Canton, Ohio
WEST'S ENAMEL carriage top dressing—L. M. West's Sons, Rockford, Ill.
WEST SIDE cut-off saws—West Side Iron Works, Grand Rapids, Mich.
WEST TEXAS well drilling machinery—San Antonio Machine & Supply Co., San Antonio, Texas.
WETHRPRUFE cement bags—West Jersey Paper Mfg. Co., Camden, N. J.
WETITE waterproof belting—New York Leather Belting Co., 465 Kent av, Brooklyn, N. Y.
WETMORE glue heaters—Advance Machinery Co., Toledo, Ohio
WETPRUFE belting—Hide, Leather & Belt Mfg. Co., 227 S. Meridian, Indianapolis, Ind.
WETTING step ladders—Bent Rung Ladder & Mfg. Co., Indiana, Pa.
WEW valves, check, cross, gate, relief, regrinding, snifting, & throttle—Wm. E. Williams, 62 Front, New York
WHALE belting—Moloney Belting Co., 301 W. Randolph, Chicago, Ill.
WHALE-BONE-ITE closet seats—Brunswick-Balke-Collender Co., 629 S. Wabash av, Chicago, Ill.
WHALEN planer tools—Cincinnati Planer Co., Cincinnati, Ohio

WHALL'S rail insulating joints—C. H. Whall Co., 170 Summer, Boston, Mass.
WHARTON standard guard rail clamps—Wm. Wharton, Jr., & Co., Inc., Easton, Pa.
WHARTON-O'BRIEN headrods, insulated operating & lock rods—Wm. Wharton, Jr., & Co., Inc., Easton, Pa.
WHAT CHEER axes, hand saws, hatchets, mining picks—What Cheer Tool Co., What Cheer, Ia.
WHEATCRAFT coffee roasters—Originator Manufacturing Co., 302 Broadway, New York
WHEATLEY belt dressing, carbon removers—Panama Oil & Grease Co., 159 W. 51st, New York
WHEATON wire rope clamps—C. M. Wheaton & Co., Sunbury, Ohio
WHECO drop forgings—Marine Hardware Equipment Co., S. Portland, Me.
WHEELER reflectors, electric lamp hoods, mirror shades—Wheeler Reflector Co., 156 Pearl, Boston, Mass.
WHEELER sidewalk snow plows—Dyar Supply Co., Cambridge, Mass.
WHEELER steam condensers, steam engines, feed water heaters, vacuum pumps, vacuum pans—Wheeler Condenser & Engineering Co., Carteret, N. J.
WHEELER-BALIKE water cooling towers—Wheeler Condenser & Engineering Co., Carteret, N. J.
WHEELER-BARNARD water cooling towers—Wheeler Condenser & Engineering Co., Carteret, N. J.
WHEELER-PRATT water cooling towers—C. H. Wheeler Mfg. Co., Lehigh & N. 18th, Philadelphia, Pa.
WHEELER & WILSON carriage bows—Eureka Bending & Wheel Works, York, Pa.
WHEELER & WILSON carriage bows—Metropolis Bending Co., Metropolis, Ill.
WHEELER'S wood fillers—Bridgeport Wood Finishing Works (du Pont), Phila., Pa.
WHEELING oil cans, stove pipe dampers—Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.
WHICH WILL WIN plumbers' & miners' candles—Standard Oil Co., of N. Y., 555 W. 25th, New York
WHIRLPOOL basting spoons—Ira F. White & Son Co., Bloomfield, N. J.
WHIRLPOOL water power washers—Cooper Sanitary Mfg. Co., 47th & Cuthbert, Philadelphia, Pa.
WHIRLWIND barn door hangers—J. E. Porter Co., Ottawa, Ill.
WHIRLWIND feed cutters—Wilder-Strong Implement Co., Monroe, Mich.
WHIRLWIND glass front wind shields—Medina Stamping & Machine Co., Medina, N. Y.
WHIRLWIND soot blowers—General Specialty Co., Buffalo, N. Y.
WHIRLWIND BLAST anti-clinker irons—Champion Blower & Forge Co., Lancaster, Pa.
WHISLER nut splitters—John Whisler, Gibson, Ia.
WHITAKER door hangers, garden cultivators, grapple forks—Whitaker Mfg. Co., 509 W. Monroe, Chicago, Ill.
WHITCOMB barn door latches—Albany Hardware Specialty Mfg. Co., Albany, Wis.
WHITCOMB mining drills, lock valves—Geo. D. Whitcomb Co., Rochelle, Ill.
WHITE belting—Western Raw Hide & Belting Co., 600 So. Pierce, Milwaukee, Wis.
WHITE gasoline engines—Eau Claire Mfg. Co., Eau Claire, Wis.
WHITE canoes, motor boats—E. M. White & Co., Old Town, Me.
WHITE enamels—Edw. Smith & Co., 127 West av, Long Island City, N. Y.
WHITE knife switches, light switchboards—Eynon-Evans Mfg. Co., N. 15th & Clearfield, Philadelphia, Pa.
WHITE mop wringers—White Mop Wringer Co., Fultonville, N. Y.
WHITE packing—General Asbestos Rubber Co., Charleston, S. C.
WHITE paper cutting machines—E. C. Fuller Co., 28 Reade, New York
WHITE paper mill screens—J. & W. Jolly (Inc.), Holyoke, Mass.
WHITE saw swages—Phoenix Mfg. Co., Eau Claire, Wis.
WHITE BEAR hydrated lime—Hannibal Lime Co., Hannibal, Mo.
WHITE BIRD kitchen sets—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
WHITE BUFFALO reclaimed rubber—U. S. Rubber Reclaiming Works, 42nd st bldg., New York.
WHITE CEDAR cylinder churns—Richmond Cedar Works, Richmond, Va.
WHITE CEMENT ENAMEL paints—Glidden Varnish Co., 1775 W. Madison, Cleveland, Ohio
WHITE CITY ice picks & shavers & savings banks—Nicol & Co., 218 N. Jefferson, Chicago, Ill.
WHITE COPAL enamels—Newark Varnish Works, 111 Delancey, Newark, N. J.
WHITE CROSS electric hair dryers, massage vibrators, electric sad irons—Lindstrom-Smith Co., 1104 S. Wabash av, Chicago, Ill.
WHITE CROSS rubber hose—Home Rubber Co., Trenton, N. J.
WHITE DAISY hand washing machines—White Lily Mfg. Co., Davenport, Ia.
WHITE DEER packing—La Favorite Rubber Mfg. Co., Hawthorne, N. J.
WHITE DIAMOND buffing compositions—Matchless Metal Polish Co., 151 Varick, New York
WHITEDGE typewriter ribbons—H. M. Storms Co., 11 Vandewater, New York
WHITE enamel rubber packing—Manhattan Rubber Mfg. Co., Passaic, N. J.
WHITEHALL cement—Whitehall Cement Mfg. Co., Cementon, Pa.
"WHITE HAT" fishing tackle—Treman, King & Co., Ithaca, N. Y.
WHITEHEAD wood stains—Whitehead Paint Co., 702 W. 48th, New York
WHITE HEN glass washbards—National Washboard Co., 72 W. Adams, Chicago, Ill.
WHITEHOUSE bread toasters—Roseland Can & Specialty Co., Rockford, Ill.
WHITE HOUSE kitchen cabinets—Cummings Jas. H., 53 W. Jackson blvd, Chicago, Ill.
WHITE KING fire hose—B. F. Goodrich Co., Akron, Ohio
WHITELEY'S CROMON steel castings—Whiteley Malleable Castings Co., Muncie, Ind.
"WHITE LIGHT MANTLE" kerosene lamp burners—Wheeling Stamping Co., Wheeling, W. Va.
WHITE LILY hand washing machines—White Lily Mfg. Co., Davenport, Ia.
WHITE LILY pork products, hams & butter—Dunlevy Packing Co., Hamilton av & Enterprise, Pittsburgh, Pa.
WHITEMORE'S belt dressing—Plomo Specialty Mfg. Co., Cleveland, Ohio
WHITEMORE'S gear protective composition—Whitemore Mfg. Co., Cleveland, Ohio
WHITE MOUNTAIN fruit & vegetable parers—Goodell Co., Antrim, N. H.
WHITE MOUNTAIN ice cream freezers—White Mountain Freezer Co., Nashua, N. H.
WHITENITE glutenous cold water paint—M. Ewing Fox Co., 241 E. 136th, New York
WHITE PYRALIN bath room fixtures & furnishings—Church, C. F. Mfg. Co., Holyoke, Mass.
WHITE ROCK linen ledger paper—W. B. Oglesby Paper Co., Middletown, Ohio
WHITE ROCK wood fibre plaster—American Cement Plaster Co., Lawrence, Kans.
WHITE ROSE cold water paints—Columbia Refining
WHITE SEAL canvas belting—Victor Balata & Textile Belting Co., 38 Murray, New York
WHITE SEAL oxide of zinc—New Jersey Zinc Co., 55 Wall, New York
WHITE SQUADRON packing—Caucos Mfg. Co., 146 N. 2nd, Philadelphia, Pa.
WHITE STAR dry batteries—White Star Battery Co., 126 Chambers, New York
WHITE STAR hydrated lime—Louisville Cement Co., Louisville, Ky.
WHITE STAR oil filters, oiling systems, oil storage tanks—Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
WHITE STAR valves—Wm. Powell Co., Cincinnati, Ohio
WHITE STAR white & red lead—W. W. Lawrence & Co., Pittsburgh, Pa.
WHITE TAR moth balls—White Tar Co., 4 Cliff, New York
WHITFIELD carbon paper—Whitfield Carbon Paper Works, 33 Sullivan, New York
WHITING saw sets—Kilborn & Bishop Co., New Haven, Conn.
WHITIRE automobile tire coating—Sam'l H. French & Co., 4th & Callowhill, Philadelphia, Pa.
WHITLEY'S CROWN automobile castings—Whitley Malleable Castings Co., Muncie, Ind.
WHITLOCK double lap joint pipe—Whitlock Coil Pipe Co., Hartford, Conn.
WHITMAN root cutters—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
WHITNERS grindstones—Murray Stone Co., Williamson bldg., Cleveland, Ohio
WHITNEY car wheels—Enterprise Foundry & Machine Works, Bristol, Tenn.

WHITNEY car wheels—Sanford-Day Iron Works, Knoxville, Tenn.
WHITNEY cotton hooks—Sargent & Co., New Haven, Conn.
WHITNEY key-seating machines—Whitney Mfg. Co., Hartford, Conn.
WHITNEY mailing boxes—Jencks Paper Box Co., 45 Waldo, Providence, R. I.
WHITNEY portable punches—Whitney Metal Tool Co., Rockford, Ill.
WHITNEY ratchet drill stock—Pratt & Whitney Co., Hartford, Conn.
WHITNEY traction engines—Ohio Mfg. Co., Upper Sandusky, Ohio
WHITON centering machines, gear cutting machines & lathe chucks—D. E. Whiton Machine Co., New London, Conn.
WHITTIER oven thermometers—Cooper Oven Thermometer Co., Pequabuck, Conn.
WHITTINGHAM quick break tank switch—Automatic Switch Co., 4 White, New York
WHITTINGHAM reversing motor switches—Automatic Switch Co., 4 White, New York
WHITTINGHAM rheostats—D. H. Darrin, 4 White, New York
WHITTINGTON pipe vises—Whittington-Vaughn Co., Easton, Pa.
WHITTLES cloth feeders—Tillotson Humidifier Co., 78 Fountain, Providence, R. I.
WHITTON bottle filling machines—U. S. Bottlers' Machy. Co., 1033 W. Lake, Chicago, Ill.
WHIZ automobile oil soap, auto top dressing, cutlery polish, lubricating oils & greases, valve grinding compounds—R. M. Hollingshead Co., Camden, N. J.
WHIZ hand soap—Davies, Young Soap Co., Dayton, Ohio
WIARD'S standard washing machines—Wiard Mfg. Co., E. Avon, N. Y.
WICCAPEE rubber belting—New York Rubber Co., 84 Reade, New York
WICKERSHAM American boiler oil feeders—John M. Watt's Sons, 54 N. 2nd, Philadelphia, Pa.
WICKES water tube boilers—Wickes Boiler Co., Saginaw, Mich.
WICKS life boat releasing hooks—David Kahnweiler's Sons, 260 Front, New York
WICO spark coils — Witherbee Igniting Co., 1904 Broadway, New York
WIDDOWSON stave jointing machines—Rochester Barrel Machine Works, Rochester, N. Y.
WIDE world barrel spray pumps—Brandt Mfg. Co., 310 3d av, Minneapolis, Minn.
WIEDEKE flue cutters—Gustav Wiedeke & Co., Dayton, Ohio
WIEDERHOLDT concrete chimneys—Wiederholdt Construction Co., Mechanics Amer. Bank bldg., St. Louis, Mo.
WIES shovels, spades & scoops—Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
WIG-WAG crossing signals—Railroad Supply Co., 203 S. Dearborn, Chicago, Ill.
WIL-BAR electric fixture studs—Wil-Bar Mfg. Co., 22 Clark ct, Detroit, Mich.
WILBERN barn door hangers—Stowell Co., So. Milwaukee, Wis.
WILBERN ADJUSTABLE barn, car, elevator & fire door hangers—Stowell Co., S. Milwaukee, Wis
WILCOX door hangers, manual training benches, sickle grinders, wagon jacks, vises—Richards-Wilcox Mfg. Co., Aurora, Ill.
WILCOX gate valves, pipe fittings—Coldwell-Wilcox Co., Newburgh, N. Y.
WILCOX metallic gaskets—E. A. Wilcox Mfg. Co., 6330 Stony Island av, Chicago, Ill.
WILCOX STAY-ON door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
WILCOX-TANDEM barn door hangers—Richard Wilcox Mfg. Co., Aurora, Ill.
WILCOX WORLD WIDE door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
WILD rock & ore crushers, mining screens—Morse Bros., Denver, Colo.
WILD DUCK black oil duck—Chandler Oil Cloth & Buckram Co., Taunton, Mass.
WILDE shoveling & end gate boards—Klondike Incubator Co., Des Moines, Ia.
WILEY faucet tanks & oil cabinets—New York Oil Cabinet Co., 103 Walker, New York
WILEY'S WAXENE floor finish—I. H. Wiley Waxene Co., 68 Dover W., Boston, Mass.
WILFLEY ore concentrators & slime tables—Mine & Smelter Supply Co., 42 B'way, New York
WILGUS fuel oil pumping systems, pump governors—Wilgus Mfg. Co., Los Angeles, Cal.
WILGUS lawn sprinklers—Stuber & Kuck, Peoria, Ill.
WILHELM paint & varnish remover—A. Wilhelm Co., Reading, Pa.
WILHELME range boilers—Hayes Mfg. Co., Paterson, N. J.
WILKE STUDIO thin face cups, china kilns—Lavelle Foundry Co., Anderson, Ind.
WILKINS gauge glass cutters—G. H. Wilkins, 57 W. Lake, Chicago, Ill.
WILKINSON SHEFFIELD, ENGLAND, IMP. sheep shears—Wiebusch & Hilger, 106 Lafayette, New York
WILKINSON steam turbines—American & British Mfg. Co., Charles, Providence, R. I.
WILKS hot water heaters—S. Wilks Mfg. Co., 3517 Shields av, Chicago, Ill.
WILLARD storage batteries—Willard Storage Battery Co., E. 31st & St. Clair, Cleveland, Ohio
WILLCOX feed water weighers—Willcox Engineering Co., 1525 Holland av, Saginaw, Mich.
WILLETT-BRUCE automatic whistle control—McNab Co., Bridgeport, Conn.
WILLEY brick ovens—Evans & Eichner, 29 W. Lake, Chicago, Ill.
WILLEY electric motors, portable electric drills—Jas. Clark, Jr., Electric Co., Louisville, Ky.
WM. BEATTY & SONS broad axes, hedge knives & picks—John B. Black Co., Chester, Pa.
WM. PENN reclaimed rubber—Manufactured Rubber Co., Penna. bldg., Philadelphia, Pa.
WILLIAMS automobile wind shields—Twentieth Century Garage, South Bend, Ind.
WILLIAMS gasoline strainers—D. T. Williams Valve Co., Cincinnati, Ohio
WILLIAMS gauge cocks, pump governors, safety water columns, steam operated traps, water gauges—Williams Gauge Co., 543 4th av, Pittsburgh, Pa.
WILLIAMS hospital stretchers—Wheeling Tent & Awning Co., Wheeling, W. Va.
WILLIAMS maple sugar evaporators—Vermont Farm Machine Co., Bellows Falls, Vt.
WILLIAMS paper can machinery—Chicago Paper Tube & Can Co., 168 N. May Chicago, Ill.
WILLIAMS paper tube rolling & cutting—Chicago Paper Tube & Can Co., 168 N. May, Chicago, Ill.
WILLIAMS CANTSLIP horseshoes, removable screw calks—Williams Drop Forging Co., Scranton, Pa.
WILLIAMS DIESEL oil engines—Dow Pump & Diesel Engine Co., San Francisco, Cal.
WILLIAMSON cork screws, champagne taps—C. T. Williamson Wire Novelty Co., Badger av, Newark, N. J.
WILLIAMSON hoisting engines—American Engineering Co., Aramingo & Cumberland, Phila., Pa.
WILLIAMSON steam & water heaters—Williamson Foundry Co., Marburg av, Oakley, Cincinnati, Ohio
WILLIS planimeters—Jas. L. Robertson & Son, 78 Murray, New York
WILLIS sap spouts—Hunting Co., Watertown, N. Y.
WILLIS ventilators—Willis Mfg. Co., Galesburg, Ill.
WILLIS wattmeters—Federal Electric Co., 640 W. Lake, Chicago, Ill.
WILLMARC coffee hulling machinery—Wm. L. Dines, Jr., Co., Worcester, Mass.
WILLMARTH countershafts—Wilmarth & Morman Co., 1151 Monroe av, N. W., Grand Rapids, Mich.
WILLOWARE willow baskets—Burlington Willo-Ware Shops, Burlington, Ia.
WILLS axle gauges—Badger State Machine Co., Janesville, Wis.
WILLSTICK mucilage, photographers' paste—Continental Mfg. Co., 330 N. 3rd, Phila., Pa.
WILMINGTON garden hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
WILMINGTON leather fleshing & slating machines—G. W. Baker Machine Co., 218 French, Wilmington, Del.
WILMOT sewing machine oilers—Hero Mfg. Co., Gaul & Adams, Phila., Pa.
WILSON belt fasteners—Angell Belt Hook Co., 16 Warren av, Providence, R. I.
WILSON belt fasteners—Sawyer Belt Hook Co., Pawtucket, R. I.
WILSON belt fasteners—W. O. Talcott, 91 Sabin, Providence, R. I.
WILSON bung spouts & fishing tackle boxes—A. C. Kraft, 323 W. Lake, Chicago, Ill.
WILSON fishing tackle boxes—Wilson F. Cortez Co., 323 W. Lake, Chicago, Ill.
WILSON pipe cutting & threading machinery—Universal Machine Co., Bowling Green, Ohio

WILSON portable fire escapes—S. F. Hayward & Co., 250 W. 54th, New York
WILSON railway crossing gates—Kalamazoo Railway Supply Co., Kalamazoo, Mich.
WILSON railway track drills—Buda Co., Railway Exchange bldg., Chicago, Ill.
WILSON rubber tires—Wilson Tire & Rubber Co., Springfield, Ill.
WILSON shaft springs—Robert P. Wilson, 320 Market, Newark, N. J.
WILSON shovels, spades & scoops—Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
WILSON trace carriers—North & Judd Mfg. Co., New Britain, Conn.
WILSON trolley catchers & retrievers—Wilson & Co., 108 N. 6th, Brooklyn, N. Y.
WILSON water filters—E. L. Dean Machine Co., Holyoke, Mass.
WILSON BROS. bobbins & shuttles—Leigh & Butler, 232 Summer, Boston, Mass.
WILTBONCO water gauges—Wiltbonco Mfg. Co., 24 Porter, Boston, Mass.
WILTON locking cocks—Wilton Mfg. Co., Wrightsville, Pa.
WILWEAR bathroom fixtures—Novelty Mfg. Co., Waterbury, Conn.
WINALL padlock locks—U. S. Lock & Hardware Co., Columbia, Pa.
WINCHESTER nut crackers & picks—Cassady, Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
WINCHESTER rifles—Winchester Repeating Arms Co., New Haven, Conn.
WINCROFT hot plate—Wincroft Stove Works, Middletown, Pa.
WINDEJAMMER pumps—Motor Car Supply Co., 1453 Michigan av, Chicago, Ill.
WINDJAMMER tire air pumps—Bridgeport Brass Co., Bridgeport, Conn.
WIN-DO-LITE electric illuminated signs—Federal Sign System, 640 W. Lake, Chicago, Ill.
WINDOWPHANIE stained glass substitutes—Windowphanie Co., 19 E. 14th, New York
WINDSOR drop forged axle clips—Keystone Forging Co., Northumberland, Pa.
WINDSOR fire place heaters—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
WINDSOR rubber horse shoe pads—Firestone Tire & Rubber Co., Akron, Ohio
WINE socket washers—Wine Railway Appliance Co., Toledo, Ohio
WINFIELD electric welding machines—Winfield Electric Welding Machine Co., Warren, Ohio
WINGO grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
WINIR steel sheet—Canton Sheet Steel Co., Canton, Ohio
WINKLEY oil hole covers & cups, dowel pins—Winkley Co., Detroit, Mich.
WINN belt dressing, boiler compounds, cold water paints—Wm. R. Winn, 488 Cherry, New York
WINN door holder—B. B. Neal Hardware Co., 117 Leonard, New York
WINNDER currycombs—Weber & Kirch Mfg. Co., Keokuk, Ia.
WINNER boiler compound—Winner Co., 30 Church, New York
WINNER clothes lines—Estes Mills, Fall River, Mass.
WINNER clothes washing machines—Wayne Mfg. Co., 124 Sidney, St. Louis, Mo.
WINNER cordage & twine—American Mills Co., Atlanta, Ga.
WINNER equalizers—Harvey Spring & Forging Co., Racine, Wis.
WINNER feed carriers—Owantonna Mfg. Co., Owantonna, Minn.
WINNER feed cookers—Star Tank Co., Goshen, Ind.
WINNER grain graders—American Grain Separator Co., Minneapolis, Minn.
WINNER lawn swings—Goshen Churn & Ladder Co., Goshen, Ind.
WINNER PATENT silos—Pacific Tank & Silo Co., Chehalis, Wash.
WINONA enameled iron bath tubs—McVay-Walker Co., Braddock, Pa.
WINONA farm wagons—Winona Wagon Co., Winona, Minn.
WINSHIP cotton ginning machinery—Continental Gin Co., Birmingham, Ala.
WINSLOW strength computing rules—Geo. W. Richardson, 4212 W. 24th pl, Chicago, Ill.
WINSLOW strength computing rules—Henry W. Tomlinson, 62 E Van Buren, Chicago, Ill.
WINSTON-SALEM rural mail boxes—Brickenstein, L. B., Winston-Salem, N. C.
WINTER rubber horse shoe pads—Firestone Tire & Rubber Co., Akron, Ohio
WINTER wagon jacks—Pioneer Pole & Shaft Co., Piqua, Ohio
WINTERS wharf drop gearing—American Engineering Co., Aramingo & Cumberland, Phila., Pa.
WINTHROP steam & hot water heaters—Dighton Furnace Co., Taunton, Mass.
WINTHROP stoves—Dighton Foundry Co., Taunton, Mass.
WINZE mine hoists—Wellman-Seaver-Morgan Co., Cleveland, Ohio
WIREDUCT non-metallic flexible conduits—American Conduit Mfg. Co., Keystone bldg., Pittsburgh, Pa.
WIRE HOOD saw guards—Zeiller & Nagel, 233 Java, Brooklyn, N. Y.
WIRELESS rubber vehicle tires—B. F. Goodrich Co., Akron, Ohio
WIRETOP muslin bags—Bemis Bro. Bag Co., 601 S. 4th, St. Louis, Mo.
WIRT'S fire hose reels, garden hose reels—Wirt & Knox Mfg. Co., 22 N. 4th, Phila., Pa.
WISCONSIN feed grinding mills—Wisconsin Farm Implement Co., Beloit, Wis.
WISCONSIN fire extinguishers—Badger Chemical Mfg. Co., 143 Reed, Milwaukee, Wis.
WISCONSIN gas engines—Lauson-Lawton Co., De Pere, Wis.
WISCONSIN RUBY red granite—Anderson Bros. & Johnson Co., Wausau, Wis.
WISE hot air furnaces—Wise Furnace Co., Akron, Ohio
WISE iceless soda water fountains—Wise Soda Apparatus Co., Bellevue, Ohio
WISE sulphur burners—Carthage Machine Co., Carthage, N. Y.
WISS tinners' snips—J. Wiss & Sons Co., 31 Littleton av, Newark, N. J.
WISTERIA rubber hose—Bowers Rubber Works, San Francisco, Cal.
WITCH-ELK baseball & athletic shoes—Witchell-Sheill Co., 168 Brooklyn, Detroit, Mich.
WITHAM screen plate fasteners—Union Screen Plate Co., Fitchburg, Mass.
WITHAN battery charging rheostats—E. Marcuson, 136 Liberty, New York
WITHERBEE storage battery igniter—Witherbee Igniter Co., 1904 Broadway, New York
WITROLAC varnish—Harrison's, Inc., 35th & Gray's Ferry rd, Philadelphia, Pa.
WITTEN dumping carts—Baker Mfg. Co., Springfield, Ill.
WITTER automobile hand carts—Baker Mfg. Co., Springfield, Ill.
WITTINGHAM motor charging rheostats—Automatic Switch Co., 4 White, New York
WITT'S garbage pails—Witt Cornice Co., 2118 Winchell av, Cincinnati, Ohio
WI WI grey iron castings—Wytheville Iron Works, Wytheville, Va.
WIZARD cigar lighters—Eldred Mfg. Co., 46 W. Kinzie, Chicago, Ill.
WIZARD creamery testers—Creamery Package Mfg. Co., 61 W. Kinzie, Chicago, Ill.
WIZARD door hangers—Safety Door Hanger Co., Ashland, Ohio
WIZARD drill chucks, drill speeders, turret tap holders, twist drill collets—McCrosky Reamer Co., Meadville, Pa.
WIZARD dry batteries—Stackpole Carbon Co., St. Marys, Pa.
WIZARD electric bells—Ansonia Electrical Co., Ansonia, Conn.
WIZARD garden cultivator—Empire Plow Co., Cleveland, Ohio
WIZARD gas igniters—Hercules Electric Co., Indianapolis, Ind.
WIZARD insulating tape, suction hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
WIZARD lawn mowers—Worcester Lawn Mower Co., Worcester, Mass.
WIZARD mops—Wizard Products Co., 1444 W. 37th, Chicago, Ill.
WIZARD numbering machines—Bates Mfg. Co., 50 Church, New York
WIZARD packing—Peerless Rubber Mfg. Co., 31 Warren, New York
WIZARD paint & varnish remover—Heath & Milligan Mfg. Co., 1833 Seward, Chicago, Ill.
WIZARD roof flanges—Wizard Mfg. Co., 15 Lafayette, Boston, Mass
WIZARD spark plugs—Hampshire Mfg. Co., Hatfield, Mass.
WIZARD wrenches—Richards-Wilcox Mfg. Co., Aurora, Ill.
WIZZARD seed corn dryers—J. Q. Clarke Tank Co., Crawfordsville, Ind.
WOLHAUPTER shoulder flange flat bottom combination plates—Railroad Supply Co., 203 S. Dearborn, Chicago, Ill.

WOLF cold tire setters—Geo. S. Comstock & Son, Mechanicsburg, Pa.
WOLF miners' safety lamps—Wolf Safety Lamp Co. of America, 80 Washington, New York
WOLF-TYPE miners' safety lamps—American Safety Lamp & Mine Supply Co., Scranton, Pa.
WOLFF belt dressing, rope dressing—Wolff Norbert Co., 40 Renwick, New York
WOLFRAM high speed steel—Vulcan Crucible Steel Co., Aliquippa, Pa.
WOLF'S head lubricating oils & greases—Wolverine Lubricants Co., 78 Broad, New York
WOLHAUPTER rail joints—Rail Joint Co., 61 B'way, New York
WOLVERINE belt lacing, clutch linings, shims—National Leather Mfg. Co., Niles, Mich.
WOLVERINE cement mfrs.—Wolverine Portland Cement Co., Coldwater, Mich.
WOLVERINE flexible pipe cleaning augers—centrifugal traps, flushing valves, tap plugs—Wolverine Brass Works, Grand Rapids, Mich.
WOLVERINE gas engines—Wolverine Motor Works, Bridgeport, Conn.
WOLVERINE hay presses—Ypsilanti Hay Press Co., Ypsilanti, Mich.
WOLVERINE hog rings—Chambers, Bering, Quinlan Co., Decatur, Ill.
WOLVERINE hog rings—Heesen Bros. Co., Tecumseh, Mich.
WOLVERINE hog rings—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.
WOLVERINE metallic discs—Strong Machinery & Supply Co., 21 Walker, New York
WOLVERINE show cases—Michigan Show Case Co., 480 Fort W., Detroit, Mich.
WOLVERINE ventilating sash locks & pot cover racks—Wolverine Supply & Mfg. Co. (Page & Fontella), Pittsburgh, Pa.
WOMEN'S FRIEND clothes washing machines—Fossston Mfg. Co., St. Paul, Minn.
WONDER ash sifters—H. E. Hessler Co., Syracuse, N. Y.
WONDER cement importers—Harrison Supply Co., 5 Dorchester av Extension, Boston, Mass.
WONDER chain attachments, drills—Grabler Mfg. Co., Cleveland, Ohio
WONDER coal drills, pneumatic rock drills, pneumatic chipping & calking hammers—pneumatic riveters, drill sharpening machines—Hardsocg Wonder Drill Co., Ottumwa, Ia.
WONDER copper floats—American Pin Co., Waterbury, Conn.
WONDER flush plugs—Bryant Electric Co., Bridgeport, Conn.
WONDER fly swatter—Watson Co., Peru, Ind.
WONDER grain cleaning machinery—Ghent Mfg. Co., Ghent, Minn.
WONDER lubricators—D. T. Williams Valve Co., Cincinnati, Ohio
WONDER stove lids—Standard Utilities Corp., Scranton, Pa.
WONDER tube cleaners—A. W. Chesterton Co., 64 India, Boston, Mass.
WONDER washing machines—Victor Mfg. Co., Leavenworth, Kan.
WONDERFUL garden hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
WONDERFUL harness awls—C. A. Myers Awl Co., 6316 University av, Chicago, Ill.
WONDERFUL metal polish—Borsum Bros., 227 Fulton, New York
WONDERSEAL roofing cements—Republic Paint & Lead Wks., 131st & Taft av, Cleveland, Ohio
WONDERTONE talking machines—Wondertone Phonograph Co., 19 W. Jackson blvd, Chicago, Ill.
WONDER TEN concrete mixers—Waterloo Cement Machinery Corp, Waterloo, Ia.
WONDER WORKER belt dressing, carbon removers, carriage top dressing, metal polish, valve grinding compounds—Hall-Thompson Co., Hartford, Conn.
WONT-BURN fry pans—New England Enameling Co., Middletown, Conn.
WONT-MAR floor finish—Wm. Harland & Son, Buffalo, N. Y
WONT ROLL center & prick punches, punches, nail sets—West Haven Mfg. Co., West Haven, Conn.
WONT SLIP chair tips, rubber heels—C. J. Bailey & Co., 22 Boylston, Boston, Mass.
WON'T SLIP pneumatic tires—Hartford Rubber Works Co., Hartford, Conn.
WONT-SLIP removable screw calks—James Reynolds Mfg. Co., New Haven, Conn.
WOOD gas producers—R. D. Wood & Co., 400 Chestnut, Phila., Pa.
WOOD BROS. traction engines—Wood Bros. Thresher Co., Des Moines, Ia.
WOOD pneumatic hose couplings—Wood Drill Works, Paterson, N. J.
WOOD spring tooth harrows—Ohio Rake Co., Dayton, Ohio
WOOD transformers—General Electric Co., Schenectady, N. Y.
WOOD water meter testing machines—A. P. Smith Mfg. Co., E. Orange, N. J.
WOODBERRY EXTRA cotton duck—Mt. Vernon Woodberry Mills, Cont. bldg, Baltimore, Md.
WOODBRIDGE screw cutting dies—Pratt & Whitney Co., Hartford, Conn.
WOODBURY jigs — Worthington Pump & Machy. Corp., Cudahy, Wis.
WOODBURY GRAY granite—Woodbury Granite Co., Hardwick, Vt.
WOODHOUSE fire boat water towers—Woodhouse Mfg. Co., 64 W. Broadway, New York
WOODISON cupola linings—E. J. Woodison Co., Detroit, Mich.
WOODLIFE shingle stains—Woodlife Co., 262 Fulton, Brooklyn, N. Y.
WOODMAN saw sets—Kilborn & Bishop Co., New Haven, Conn.
WOODMAN & HUDSON'S speed indicators—R. Woodman Mfg. & Supply Co., 82 Sudbury, Boston, Mass.
WOODMANSEE office & library paste, writing inks—F. A. Woodmansee, 117 E. Pearl, Cincinnati, Ohio
WOODPECKER gas engines—Middletown Machine Co., Middletown, Ohio
WOODPECKER paint—Ajax Paint Co., Indianapolis, Ind.
WOODRUFF key seating machines—Union Twist Drill Co., Athol, Mass.
WOODS can openers—Ira W. White & Son, Bloomfield, N. J.
WOOD'S locomotive jacket iron & steel—American Sheet & Tin Plate Co., Frick bldg., Pittsburgh, Pa.
WOODS side bearings—Woods, Edwin S., & Co., 332 S. Michigan av, Chicago, Ill.
WOODSTOCK tapping chucks—Peters Bros. Mfg. Co., Algonquin, Ill.
WOODWARD glass cutters—New England Novelty Works, Hill, N. H.
WOODWARD pig iron—Woodward Iron Co., Woodward, Ala.
WOODWARD truck units—Woodward Truck Attachment Co., Los Angeles, Cal.
WOODWORTH tire protectors—Leather Tire Goods Co., Niagara Falls, N. Y.
WOOLSEY'S kalsomine—C. A. Woolsey Paint & Color Co., 500 Grand, Jersey City, N. J.
WOOSTER paint brushes—Wooster Brush Co., Wooster, Ohio
WOOSTER potato sprayer pumps—Field Force Pump Co., Elmira, N. Y.
WOOSTER'S belting & belt dressing—Duryea Mfg. Co., Bayonne, N. J.
WORCESTER bird cage hooks—Parker Wire Goods Co., Worcester, Mass.
WORCESTER drill grinders, draughting tables—Washburn Shops, Worcester, Mass.
WORCESTER engine lathes—Worcester Lathe Co., Worcester, Mass.
WORCESTER flour sieves—National Mfg. Co., Worcester, Mass.
WORCESTER knife switches, light switchboards—Worcester Electric & Mfg. Co., Worcester, Mass.
WORCESTER lawn mowers, grass catchers—Worcester Lawn Mower Co., Worcester, Mass.
WORCESTER locomotive sanders—Sault Mfg. Co., Worcester, Mass.
WORCESTER pipe hangers—Rockwood Sprinkler Co., Worcester, Mass.
WORCESTER steam gong whistles—Union Water Meter Co., Worcester, Mass.
WORCESTER tire vulcanizers—Worcester Mfg. Co., Worcester, Mass.
WORD rock drills—Word Bros., San Francisco, Cal.
WORKRITE push buttons—Frank W. Morse, 289 Congress, Boston, Mass.
WORKRITE push buttons—S. H. Couch Co., Quincy, Mass.
WORKWELL corn & cob mills—Marseilles Co., East Moline, Ill.
WORLD blotting paper—Albemarle Paper Mfg. Co., Richmond, Va.
WORLD boiler injectors—American Injector Co., Detroit, Mich.
WORLD carbon lamps—F. J. Rooney Lamp Co., Hoboken, N. J.
WORLD clothes washing machines—C. E. Ross, Lincoln, Ill.
WORLD door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.

WORLD incubators & brooders—Fosston Mfg. Co., St. Paul, Minn.
WORLD labeling machines—Economic Machinery Co., Worcester, Mass.
WORLD rubber hose—Home Rubber Co., Trenton, N. J.
WORLD soap powders—Beach Soap Co., Lawrence, Mass.
WORLD BEATER carpet beaters—Smith & Phillips Mfg. Co., 1008 W. Madison, Chicago, Ill.
WORLD'S BEST door hangers—Safety Door Hanger Co., Ashland, Ohio
WORLD'S BEST electric sad irons—Edison Electric Appliance Co., Inc. (Hotpoint Div.), 5600 W. Taylor, Chicago, Ill.
WORLD'S CHAMPION tube expanders—Oswego Tool Co., Oswego, N. Y.
WORLD'S FAIR lemon squeezers—Nicol & Co., 218 N. Jefferson, Chicago, Ill.
WORM pulp washing machines—Baker Mfg. Co., Saratoga, N. Y.
WORRALL friction clutches—American Tool & Machine Co., 10 High, Boston, Mass.
WORRELL'S rotary dryers—S. E. Worrell, Hannibal, Mo.
WORTH lock-nuts & washers—Steel Specialties Co., Waltham, Mass.
WORTHINGTON invalid chairs—Colson Co., Elyria, Ohio
WORTHMOWER lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.
WORTHY engine lubricators—D. T. Williams Valve Co., Cincinnati, Ohio
WOTHERSPOON watering pots—Jas. R. Wotherspoon, 238 N. Front, Phila., Pa.
WRAY floor scraping machines—Duncan Bros. & Wray Co., Ludlow Falls, Ohio
WRENN'S BEST enameled blotting paper—Wrenn Paper Co., Middletown, Ohio
WRENN'S RECORD enameled blotting paper—Wrenn Paper Co., Middletown, Ohio
WREN'S mine car tips—Grant Iron Works, Mahanoy City, Pa
WRIGHT chain hoists—Wright Mfg. Co., Lisbon, Ohio
WRIGHT electric cable hangers—Rhode Island Telephone & Electric Co., 55 Pine, Providence, R. I.
WRIGHT mica plugs—New York Mica & Mfg. Co., Auburn, N. Y.
WRIGHT roller bearings—Penna. Shafting Co., Spring City, Pa.
WRIGHT safety water columns, water gauges, steam traps—Wright Mfg. Co., Detroit, Mich.
WRIGHT truck units—Wright Truck Attachment Co., Seattle, Wash.
WRIGHT wattmeters—General Electric Co., Schenectady, N. Y.
WRIGHT'S wall boards—Wright-Barrett & Stilwell Co., St. Paul, Minn.
WRIGHT'S JENNING'S auger bits—Connecticut Valley Mfg. Co., Centerbrook, Conn.
WRIGLEY pipe cleaners—Sam'l Lewis, 73 Barclay, New York
WRIGLEY ticket printing presses & toggle bolts—Thos. Wrigley Co., 504 Sherman, Chicago, Ill.
WRITERPRESS duplicators—New Writerpress Co., Shelton, Conn.
WUEST herringbone cut gears—Falk Co., ft 30th, Milwaukee, Wis.
WUNNER'S waterproofing materials—Theo. F. Koch & Co., 608 S. Dearborn, Chicago, Ill.
WYANDOTTE cement—Wyandotte Portland Cement Co., Detroit, Mich.
WYANDOTTE DETERGENT cleaning compounds—J. B. Ford Co., Wyandotte, Mich.
WYANDOTTE metal cleaners—J. B. Ford Co., Wyandotte Co., Wyandotte, Mich.
WYDAWAKE damper regulators—L. J. Wing Mfg. Co., 352 W. 13th, New York
WYDLER bolting cloth—R. J. Howe, 320 Broadway, New York
WYE levels—Geier & Bluhm, Troy, N. Y.
WYE levels—Wm. Ainsworth & Sons, Denver, Colo.
WYE levels—Bausch & Lomb Optical Co., Rochester, N. Y.
WYLIE concrete chutes—J. S. Wylie Co., Oklahoma, Okla.
WYLIE gas meters—Equitable Meter Co., Pittsburgh, Pa.
WYDESTEEL filing cabinets—General Fireproofing Co., Youngstown, Ohio
WYOMING curtain releasers, locomotive sanders—Railway & Traction Supply Co., 79 W. Monroe, Chicago, Ill.
WYOMING ensilage cutters—Warsaw-Wilkinson Co., Warsaw, N. Y.
WYOMING automatic eliminators, steam traps—W. H. Nicholson & Co., Wilkes-Barre, Pa.
WYPAK yarn packing—Wyoming Yarn Co., Wyoming, R. I.

X adjustable wrenches—Frank Mossberg Co., Attleboro, Mass.
X garden hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
X-CEL-ALL iron & steel filler cements—Shanafelt Mfg. Co., Canton, Ohio
XCELSIOR boiler rivets—Steel Car Forge Co., Pittsburgh, Pa.
X-F Swiss pattern files—Nicholson File Co., Providence, R. I.
X-I-96 boiler injectors—Wm. Powell Co., Cincinnati, Ohio
X-L fanning mills—American Grain Separator Co., Minneapolis, Minn.
X. L. hack saw blades—H. G. Thompson Son & Co., New Haven, Conn.
X L metallic shingles—Canton Art Metal Co., Canton, Ohio
X. L. C. R. maple & oak flooring—Osgood & Blodgett Mfg. Co., Duluth av & E. 7th, St. Paul, Minn.
X-L-C. R. turbine water wheels—Humphrey Machine Co., Keene, N. H.
X-L-C-R window cleaners—Standard Cleaner Co., 122 S. Michigan av, Chicago, Ill.
X. L. N. C. belt dressing, harness oils & water proofing—Commercial Chemical Co., 212 Essex, Boston, Mass.
XLENT metallic shingles—Hyndman Roofing Co., 318 E. 2nd, Cincinnati, Ohio
XL 96 boiler injectors—Peneberthy Injector Co., Detroit, Mich.
XLNT padlocks—Slaymaker Lock Co., Lancaster, Pa.
X-L-OID rubber roofing—Keystone Roofing Mfg. Co., York, Pa.
X. L. 6 LEVER padlocks—Slaymaker Lock Co., Lancaster, Pa.
XMPLR padlocks—Slaymaker Lock Co., Lancaster, Pa.
XMPLR 6 LEVER padlocks—Slaymaker Lock Co., Lancaster, Pa.
XPDITE permissible explosive—Hercules Powder Co., Wilmington, Del.
X-ALL ball bearings—Salisbury Ball Bearing Co., 3741 E. 93d, Cleveland, Ohio
X-RAY hot water radiators—H. B. Smith Co., Westfield, Mass.
X-RAY induction coils—E. S. Ritchie & Sons, Brookline, Mass.
X-RAY lemon squeezers—Arcade Mfg. Co., Freeport, Ill.
X-RAY spark coils—Pfanstiehl Co., North Chicago, Ill.
X-RAY steam & hot water heaters—Samuel Sloan & Co., Rochester, N. Y.
XTEND-A-FORD truck units — Hayes-Diefenderfer Co., 1876 B'way, New York
XX garden hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
XX hoist, loading & steam shovel chains—Hayden-Corbett Chain Co., Columbus, Ohio
X. X. lawn mowers—Philadelphia Lawn Mower Co., 3107 Chestnut, Philadelphia, Pa.
XX picks—J. W. Mixter Saw Tool Co., Plymouth, Mass.
XX spark plug wrenches—Chas. Miller, Syracuse, N. Y.
XX step ladders—Belt Rung Ladder Co., Indiana, Pa.
XXTH CENTURY graders—Baker Mfg. Co., Springfield, Ill.
XXTH CENTURY hot air furnaces—XXth Century Heating & Ventilating Co., Akron, Ohio
XX CENTURY oil extractors, damper regulators, exhaust heads, pump governors, steam separators, steam traps, valves—Atwood & Morrill, 48 Loring av, Salem, Mass.
XX CENTURY water coolers—Cordley & Hays, 7 Leonard, New York
XX EXTRA fire hose—Empire Tire & Rubber Corp., East Trenton, N. J.
XX oxide of zinc—New Jersey Zinc Co., 55 Wall, New York
XXCY loom pickers—E. H. Jacobs Mfg. Co., Danielson, Conn.
XXX can openers—Browne & Dowd Mfg. Co., Meriden, Conn.
XXX electric bells—P. R. Mfg. Co., Detroit, Mich.
XXX garden hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.

XXX safety valves—J. E. Lonegran Co., 211 Race, Philadelphia, Pa.
XXXX garden hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
XXXXX garden hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
XYLOFORM paint, waterproof glue—Nash Engineering Co., South Norwalk, Conn.
XYNO artificial stone laundry tubs, refrigerator linings, stone burial cases & vaults, stone sanitary flooring, water closet tanks—Mineral Products Co., Rhinelander, Wis.
X YNO humidifying apparatus—Mineral Products Co., Rhinelander, Wis.
XYNO refrigerators—Rhinelander Refrigerator Co., Rhinelander, Wis.
XYZ padlocks—Slaymaker Lock Co., Lancaster, Pa.

Y blow-off valves—Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
Y brass ingots—Geo. S. Youngs, Bridgeport, Conn.
Y engines—Fairbanks, Morse & Co., 920 S. Wabash av, Chicago, Ill.
Y. B. wood stains—Yarnall Paint Co., 1020 Race, Phila., Pa.
Y Co. traps—Jos. H. Young Co., 82 High, Boston, Mass.
YYY safety valves—J. E. Lonegran Co., 211 Race, Phila., Pa.
Y. & E. fishing reels—Horrocks-Ibbotson Co., Utica, N. Y.
YACHT-AUTO bleached waste—Estes Mills, Fall River, Mass.
YALA rachet wrenches—Syracuse Wrench Co., 325 W. Fayette, Syracuse, N. Y.
YALE air compressors—Superior Machine & Engineering Co., 51 Fort, E. Detroit, Mich.
YALE bicycles—Davis Sewing Machine Co., Dayton, Ohio
YALE hose—Empire Tire & Rubber Corp., East Trenton, N. J.
YALE lawn mowers—American Lawn Mower Co., Muncie, Ind.
YALE medicinal atomizers—Becton, Dickinson & Co., Rutherford, N. J.
YALE reels—John Simmons Co., 110 Centre, New York
YALE steam heaters—J. H. McLain Co., Canton, Ohio
YALE stove pipe & elbows—Hemp & Co., Vandeventer nr Shaw, St. Louis, Mo.
YANKEE automobile mufflers—Yankee Co., Utica, N. Y.
YANKEE automobile mufflers & barrel spray pumps D. B. Smith & Co., Utica, N. Y.
YANKEE can openers—Taylor Mfg. Co., Hartford, Conn.
YANKEE cold water paste—National Gum & Mica Co., 59th & 11th av, New York
YANKEE corn hooks—American Fork & Hoe Co., Cleveland, Ohio
YANKEE disc harrows—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
YANKEE drills, drill chucks, screw drivers, vises, wrenches—North Bros. Mfg. Co., Lehigh & American, Phila., Pa.
YANKEE electric lamp flashlights—Strobel & Wilkens Co., 61 W. 23rd, New York
YANKEE calipers & dividers—L. S. Starrett Co. (The), Athol, Mass.
YANKEE feed cutters—W. Eddy Plow Co., Greenwich, N. Y.
YANKEE clippers—Coates Clipper Mfg. Co., Worcester, Mass.
YANKEE garden hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
YANKEE gas & oil stove ovens—Connolly Mfg. Co., 123 Liberty, New York
YANKEE harness snaps—Covert Mfg. Co., Troy, N. Y.
YANKEE ice shavers—Gilchrist Co., 236 Bank, Newark, N. J.
YANKEE lawn mowers—Blair Mfg. Co., Springfield, Mass.
YANKEE levels—Frost & Adams Co., 37 Cornhill, Boston, Mass.
YANKEE nutmeg graters—Hamblin & Russell Mfg. Co., Worcester, Mass.
YANKEE pot cover repair knobs—Graham & Berwin, 107 Lafayette, New York
YANKEE rat traps—Lovell Mfg. Co., Erie, Pa.
YANKEE screw sticks—Chandler & Price Co., Cleveland, Ohio
YANKEE soldering salts—C. W. Leveridge, 133 Liberty, New York
YANKEE stove pipe dampers—Detroit Register Co., Detroit, Mich.
YANKEE tack claws & pullers, wire pullers—Browne & Dowd Mfg. Co., Meriden, Conn.
YANKEE tissue paper machy., Beloit Iron Works, Beloit, Wis.
YANKEE wall plugs—Merwin Mfg. Co., Erie, Pa.
YANKEE FLYER hand cars—E. U. Scoville Co., Manlius, N. Y.
YANKEE SILVER resistance wire — Driver-Harris Co., Harrison, N. J.
YANKEE-TOOTHED concrete shovels—B. B. Neal Hardware Co., 117 Leonard, New York
YARYAN multiple effects evaporators, distilling apparatus—Chas. Ordway, 25 Church, New York
YATES net locks—Alden Speare's Sons Co., Cambridge, Mass.
YEAKLEY vacuum hammers—Williams, White Mfg. Co., Moline, Ill.
YELLOW FELLOW pea hullers, threshers—Avery Co., Peoria, Ill.
YELLOW JACKET sprayer pumps—Field Force Pump Co., Elmira, N. Y.
YELLOW KID paper cap exploders—Wrightsville Hardware Co., Wrightsville, Pa.
YELLOW SEAL lead & zinc—W. W. Lawrence & Co., Pittsburgh, Pa.
YE-OLDE-HOMESTEAD furniture polish—Rath Mfg. Co., Hedley & Richmond, Phila., Pa.
YEOMANS bilge pumps, sewage disposal plants—Yeomans Bros. Co., 231 Institute pl, Chicago, Ill.
YERDON cast brass hose bands—Wm. Yerdon, Port Plain, N. Y.
YORK corn planters & grain drills—Hench & Dromgold Co., York, Pa.
YORK coal & gas engines, gasoline traction engines, pumping jacks—Flinchbaugh Mfg. Co., Greencastle, Pa.
YORK gas ranges, water heaters—Abendroth Bros., Port Chester, N. Y.
YORK padlocks—Slaymaker Lock Co., Lancaster, Pa.
YORK GEM water heaters—Abendroth Bros., Port Chester, N. Y.
YORKLIN thermometers—C. J. Tagliabue Mfg. Co., 18 33d, Brooklyn, N. Y.
YORKSHIRE iron—B. M. Jones & Co., 141 Milk, Boston, Mass.
YORKTOWN HEIGHTS lime—Palmer Lime & Cement Co., 103 Park av, New York
YOST typewriters—Union Typewriter Co., Bridgeport, Conn.
YOST vises, gas soldering furnaces—G. M. Yost Mfg. Co., Meadville, Pa.
YOUGH steam pumps—Boyts Porter & Co., Connellsville, Pa.
YOUKIN oils—Frank L. Young Co., 111 Purchase, Boston, Mass.
YOUNG canopy insulators—Mica Insulator Co., 68 Church, New York
YOUNG gear cutting attachments—Mafreto Machine & Tool Co., Worcester, Mass.
YOUNG lawn sprinklers—Spray Engng. Co., 93 Federal, Boston, Mass.
YOUNG rain water cut-offs—Young Mfg. Co., Bellevue, Ia.
YOUNG water closet bends—Park & McKay, 55 Bagley av, Detroit, Mich.
YOUNG AMERICA cider presses—Whitman Agricultural Co., 7000 S. Broadway, St. Louis, Mo.
YOUNG GIANT fanning mills—A. P. Dickey Mfg. Co., Racine, Wis.
YOUNG GIANT fire pumps—Hale Fire Pump Co., Wayne, Pa.
YOUNGSTOWN iron & steel pipe, corrugated iron & steel, merchant bars, iron & steel sheets, plates, wire hoops & nails, woven wire fences—Youngstown Sheet & Tube Co., Youngstown, Ohio
YOUNGSTOWN expanded metal, lath & metal studs—Youngstown Pressed Steel Co., Youngstown, Ohio
YOUREX cutlery—Associated Silver Co., 5 S. Wabash av, Chicago, Ill.
YPSILANTI vegetable cutters—O. E. Thompson & Sons, Ypsilanti, Mich.
YUNCK store stools—Bryan Novelty Mfg. Co., Bryan, Ohio

Z engines & wood sawing machines—Fairbanks, Morse & Co., 900 S. Wabash av., Chicago, Ill.
Z insulating tape—Revere Rubber Co., Chelsea, Mass.
ZANZIBOLIO floor finish—B. Binswanger & Co., 827 W. 3rd, Philadelphia, Pa.
ZAPON enamels & bronzing liquids, lacquer—Celluloid Zapon Co., 200 5th av, New York
ZAPON leather cloth—Zapon Leather Cloth Co., 200 5th av, New York
ZAREMBA multiple effects evaporators—Zaremba Co., Niagara Life budg, Buffalo, N. Y.
ZAREX roofing—Flintkote Co., 88 Pearl, Boston, Mass.

ZASTROW canning factory cranes—Geo. W. Zastrow, 1410 Thames, Baltimore, Md.
ZAUBITZ oven thermometers, revolution counters—August Zaubitz, 95 Cliff, New York
ZANGER bits—Lebanon Machine Co., Lebanon, N. H.
ZECHER foundry cupolas—Barry & Zecher Co., Lancaster, Pa.
ZEE-ZEE rubber tire—Zee-Zee Tire & Rubber Co., 3301 Walnut, Philadelphia, Pa.
ZEIGLER steam condensers—Vertical Condenser Co., Gerke bldg., Cincinnati, Ohio
ZEISER curb forms—Zeiser Bros., Berwick, Pa.
ZEISS refractometers—Bausch & Lomb Optical Co., Rochester, N. Y.
ZELNICKER car movers, fire buckets, rail benders, wood handles—Walter A. Zelnicker Supply Co., 325 Locust, St. Louis, Mo.
ZELNICKER crayons—Zelnicker Crayon Works, St. Louis, Mo.
ZENA flap packing—Randolph Brandt, 70 Cortlandt, New York
ZENITH pig iron—Zenith Furnace Co., Duluth, Minn.
ZENITH carbonating powders—Church & Dwight Co., 27 Cedar, New York
ZENITH cement wood fibre plaster—United States Gypsum Co., 205 W. Monroe, Chicago, Ill.
ZENITH electric desk lights—J. H. White Mfg. Co., 111 N. 3rd, Brooklyn, N. Y.
ZENITH hame chains—Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
ZENITH lamp chimneys—Macbeth-Evans Glass Co., Pittsburgh, Pa.
ZENITH steam heaters—Coatesville Boiler Works, Coatesville, Pa.
ZENO wire connectors—Fort Dearborn Mfg. Co., Sterling, Ill.
ZENOBIA chemical engine hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
ZEPHYR carbureters—P. R. Mfg. Co., 621-59 Bellevue av, Detroit, Mich.
ZEPHYR fishing reels—A. F. Meisselbach & Bros., 29 Congress, Newark, N. J.
ZEPHYR lawn swings—Goshen Churn & Ladder Co., Goshen, Ind.
ZERK oil & grease cups, self-closing oilers, spring bolts—Zerk Mfg. Co., Cleveland, Ohio
ZERO electric illuminated signs—Marx Zero Sign Works, 126 N. Peoria, Chicago, Ill.
ZERO lubricators—Detroit Lubricator Co., Detroit, Mich.
ZERO refrigerators—Heinz & Munschauer, Buffalo, N. Y.
ZERO stove lid lifters—New York Stamping Co., N. 11th & Berry, Brooklyn, N. Y.
ZERO stove lid lifters, stove door knobs, stove pokers, stove trimmings, valve wire wheels—E. Lynd Mfg. Co., Mechanicsville, N. Y.
ZETROC oil tanks & pumps—A. C. Kraft, 323 W. Lake, Chicago, Ill.
Z-RO hot air furnaces—Oakland Foundry Co., Belleville, Ill.
ZIBELL wire rope coating & lubricant—Zibell Process Compounds Co., 273 Water, New York
ZIEGEL'S chimney caps—Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
ZIEGLER electric mine signals, railway crossing signals—United Electric Apparatus Co., 1529 Columbus av, Boston, Mass.
ZIERMORE feed water regulators, gas pressure regulators, fan engine regulators—Ziermore Regulator Co., Johnsonburg, Pa.
ZIG ZAG rules—Stanley Rule & Level Co., New Britain, Conn.
ZIG-ZAG safety razor blade stroppers—Zig Zag Sales Co., 217 W. Grand av., Chicago, Ill.
ZIMMERMAN blind fasteners, anti sag strap hinges, window casement adjusters—H. Zimmerman, Fremont, Ohio
ZIMMERMAN blind fastners, fire shutter hinges—G. F. S. Zimmerman & Co., Frederick, Md.
ZIMMERMAN fruit evaporators—Blymeyer Iron Works Co., Cincinnati, Ohio
ZIMMERMAN patent iron base post caps—S. Cheney & Son, Manlius, N. Y.
ZIMMERMAN pitless scales—Zimmerman Steel Co., Lone Tree, Ia.
ZIN-MO portable pump & air compressor—Plant Engineering & Equipment Co., Inc., 6 Church, New York
ZINC CITY glazier's points—W. H. Maze Co., Peru, Ill.
ZINKOTE enameled iron pipe conduits—Mark Mfg. Co., Evanston, Ill.
ZINNIS wire stretchers—Burgess-Norton Mfg. Co., Geneva, Ill.
ZIP paint & varnish remover—Jas. H. Prince Paint Co., 5 Lancaster, Boston, Mass.
ZONE metal polish—Providence Oil Co., 10 Dorrance, Wharf, Providence, R. I.
ZOROZO grease—F. S. Walton Co., Orthodox & Delaware, Philadelphia, Pa.
ZUBIAN sealing wax—Dicks-Pontius Co., Dayton, Ohio
ZURN'S axle grease—O. F. Zurn Co., Broad & Le-
ZYMOLITE paint & varnish remover—Emil Calman & Co., 100 William, N. Y.
ZYRO silos—Canton Culvert & Silo Co., Canton, Ohio

ALPHABETICAL SECTION

Contains the **names of all firms and individuals** appearing **in the "Classified Trades Section"** arranged alphabetically with particulars of their main industry.

The address of the head office or works only is given; branch office and works addresses will be found among the various classified lists.

While every effort has been made to insure the correctness of the information appearing herein, no responsibility can be assumed for any errors or omissions.

The publishers will be pleased to receive any information or suggestions which would add to the value of this section.

A-1 Metallic Products Co., stamping, sheet metal, 711 Canal rd, Cleveland, O.
A-A Elec. Mfg. Co., ground connection clamps, 303 Center, Bridgeport, Conn.
A. & A. Rubber Co., rubber heels, Framingham, Mass.
A. A. Wire Co., Newark, N. J.
A. A. A. Spooling & Winding Co., fish line mfrs., Auburn, R. I.
Aalbu Bros., mchsts. & fndrs., Everett, Wash.
Aaron Bros., flour mills, Martinsville, Va.
Abacus Constr. Co., Atlantic City, N. J.
Abadie, E. H., bldg. contr., Merchant-Laclede Bldg., St. Louis, Mo.
Abaqua Lumber Co., Woodburn, Ore.
Abate & Giampuzzi, contractors, New Haven, Conn.
Abbaduska, E. T., masons' & bldrs. matls., Waldron, Mich.
Abbe Engineering Co., 220 B'way, New York.
See adv. index at end of book.
Abbe Hardware Co., New Britain, Conn.
Abbe, Paul C., bark, barley, drug & dye stuff mills, etc., 30 Broad, New York.
Abbeville Cotton Mill, cotton sheetings, Abbeville, S. C.
Abbey, Frank R., packing box mfr., 15 William, New York.
Abbey & Imbrie, fishing tackle mfrs., 15 Warren, New York.
Abbey, W. B., masons' & bldrs. matls., Essex Bldg., Newark, N. J.
Abbot Cornice Works, 6022 Wentworth av, Chicago, Ill.
Abbot & Downing Co., street sweeping machy., Concord, N. H.
Abbot Sheet Metal Wks., cornices, 816 S. Wabash av, Chicago, Ill.
Abbott, A. H., & Co., archts. & engrs. instruments & supplies, 208 S. Wabash av, Chicago, Ill.
Abbott Ball Co., bearing balls, steel, brass & bronze balls, burnishing balls, burnishing and tumbling barrels, burnishing and polishing machines, Elmwood Station, Hartford, Conn.
See adv. index at end of book.
Abbott Bros., pckg. box mfrs., Springfield, Ill.
Abbott, C. T., mchsts. & fndrs., Woodstock, Ill.
Abbott, Chas. F., contractor, Oakville, Conn.
Abbott & Co., mchsts. & fndrs., Hudson, Mich.
Abbott Coin Counter Co., 106 6th av, New York.
Abbott Corp., automobiles, 960 Lafayette av, E., Detroit, Mich.
Abbott, D. E., & Co., mouldings, Huntington, W. Va.
Abbott-Downing Truck & Body Co., automobiles, Concord, N. H.
Abbott, D. S., Co., mchsts. & fndrs., Olean, N. Y.
Abbott, E. A., contractor, 185 Devonshire, Boston, Mass.
Abbott Enamel Sign Co., signs, 24 E. 26th st, New York.
Abbott, E. T., Constr. Co., 1135 B'way, New York.
Abbott, Frank B., architect, 140 S. Dearborn, Chicago, Ill.
Abbott, Franklin, architect, 1723 Connnecticut av, Washington, D. C.
Abbott, Frank I., lbr., 2201 Loomis, Chicago, Ill.
Abbott Hdwe. Co., 636 Columbus av, New York.
Abbott, John C., contractor, Plainfield, N. J.
Abbott, Jno. G. (est. of), children's cradles, mattresses, etc., Antrim, N. H.
Abbott, Johnson R., mach. & fdr., Greenfield, Ind.
Abbott Laboratories, chemicals, 4753 Ravenswood av, Chicago, Ill.
Abbott Manufacturing Co., fertilizer, Louisville, Ga.
Abbott Mfg. Co., hangers, Cleveland, Ohio.
Abbott Packing & Ice Co., meat packers, Carnegie, Pa.
Abbott Piano Action Co., Fort Lee, N. J.
Abbott, S. B., agricultural implements, Goshen, Ind.
Abbott, Sam'l, arc lamp pulleys, Cleveland, Ohio.
Abbott, Sam'l B. (Est. of), stone, Dover, N. H.
Abbott & Son, who. hdwe., Marshalltown, Ia.
Abbott, W. H., mchsts. & fndrs., Hudson, Mich.
Abbott, W. H., signs, name plates, 143 W. 42d, New York.
Abbott, W. H., soap, fertilizer, Holyoke, Mass.
Abbott, Wm. G., ship bldrs., Milford, Del.
Abbott's, M., Sons, heating contrs., cornices, 137 8th av, New York.
Abbott's Machine Shop, Frederick, Md.
A. B. & B. Specialty Co., brewers & maltsters & shavings washing machy., 3300 Fond du Lac av, Milwaukee, Wis.
A. B. C. Castings Co., machsts. & fndrs., 6515 Carnegie av, Cleveland, O.
A. B. C. Generator Co., automobile starters, 1107 S. Hill, Los Angeles, Cal.
A. B. C. Starter Co., 33 Woodbridge, Detroit, Mich.
Abeel, Addison J., bristles, 181 Pearl, New York.
Abel, A. F., contractor, 1 Wood, Ptg., Pa.
Abel & Bach Co., trunks, traveling bags, etc., Milwaukee, Wis.
Abel Bros., contractors, Am. Central Life Bldg., Indianapolis, Ind.
Abel Lime & Cement Co., Davenport, Ia.
Abel, T. W., mchsts., Fond du Lac, Wis.
Abel, Victor D., architect, 139 S. 15th, Phila., Pa.
A. B. See Elec. Elevator Co., 220 B'way, New York.
Abeles, Chas. T. & Co., glass, lumber, etc., Little Rock, Ark.
Abeles & Taussig, ties, poles, Commercial Bldg., St. Louis, Mo.
Abell Elev. Co., 114 N. 8th, Louisville, Ky.
Abell-Howe Co., high speed chains, 322 S. Michigan av, Chicago, Ill. *See adv. index at end of book.*
Abell, Ralph E., architect, Elgin, Ill.
Abelson, A., scrap iron, Altoona, Pa.
Abenaque Mach. Wks., Westminster Station, Vt.
Abendroth Bros., mchsts. & fndrs., Port Chester, N. Y.
Abendroth, G. Irving, Co., steel stacks, tanks, pumps, etc., 10 E. 43d, New York.
Abendroth & Root Mfg. Co., boilers & pipes, Newburgh, N. Y.
Abercrombie, David T., Co., camp furniture, 17 Warren, New York.
Abercrombie & Fitch Co., motor boat bldrs.; gun holsters; buckets, Madison av & 45th, New York.
Abercrombie Stone Co., St. Joseph, Mo.
Aberdeen Granite Wks., West Quincy, Quincy, Mass.
Aberdeen Lumber & Shingle Co., Aberdeen, Wash.
Aberdeen Mill Co., flour, Aberdeen, S. D.
Abernathy Furniture Co., mattresses, Kansas City, Mo.
Abernethy Lverly Co., lbr. mfrs., Bridgewater, N. Car.
Abernathy Vise & Tool Co., 227 Englewood av, Chicago, Ill.
Aberogwen Mont'l Wks., Quincy, Mass.
Aberthaw Cons. Co., reinforced concrete steel cons., 27 School, Boston, Mass.
A. B. Fireproofing Co., 64 W. Randolph, Chicago, Ill.
Abingdon Cement Tile Wks., Abingdon, Ill.
Abingdon Milling Co., flour, Abingdon, Va.
Abingdon Mills, cotton, Huntsville, Ala.
Abingdon Paving Brick & Tile Co., Abingdon, Ill.
Abingdon Sanitary Mfg. Co., plumbers' sanitary earthenware, Abingdon, Ill.
Abingdon Trap Co., Abingdon, Ill.
Abingdon Wagon Co., Abingdon, Ill.
Able Bag & Burlap Co., 1412 Blue Island av, Chicago, Ill.
Abner Mfg. Co., gas machines, Wapakoneta, Ohio.
Aborn Steel Co., 22 Clarke, N. Y.
A. B. Polish Co., metal, furniture & stove polishes, 1515 Haddon av, Chicago, Ill.
Abraham Cement Tool Co., 27 Woodward av, Detroit, Mich.
Abraham & Wood, architects, Scherer Bldg., Detroit, Mich.
Abrahamson Brick Co., Seattle, Wash.
Abrahms, F. M., architect, Rockville Center, N. Y.
Abrames, Harvey, architect, Arcade Bldg., Norfolk, Va.
Abramovitz & Schwartz, trunk mfrs., 195 Wooster, New York.
Abrams Flooring Co., hardwood flooring, Buffalo, N. Y.

Abrams, L., & Sons, trunk mfrs., 1234 W. Chicago av, Chicago, Ill.
Abrams-Orton Mfg. Co., gas furnaces and burners, Wadsworth, O.
Abrams Paint & Glass Co., Richmond, Va.
Abramsen Engineering Co., rolling mill machinery, Union Bank Bldg., Pittsburgh, Pa.
Abramson, Louis A., architect, 220 5th av, New York.
Abrasive Co., emery & corundum wheel mfrs., Philadelphia, Pa.
Abrasive material Co., grinding wheels, Bridesburg, Pa.
Abrasive Mining & Mfg. Co., corundum & emery mfrs., Plymouth, Ind.
Abresch, Chas., Co., wagons—brewers', bldrs, dairy, etc., 398 4th, Milwaukee, Wis.
Abrew, John L., masons' & bldrs. matls., Islip, N. Y.
Abronski Bros., cornices, 1615 Stiles, Philadelphia, Pa.
A. B. See Electric Elevator Co., 220 B'way, New York.
Absley Lbr. Mfg. Co., Scranton, Pa.
A. B. Stove Co., Battle Creek, Mich.
Abt, L., cornices, 2651 W. 12th, Chicago, Ill.
Abt, Ludwig, architect, Moberly, Mo.
Acadia Iron Works, Ltd., Crowley, La.
Acason Motor Truck Co., 291 12th, Detroit, Mich.
Accessible Press Co., woodworking mach., 5622 Dibble av, Cleveland, O.
Accident Cabinet Co., medicine cabinets, Kalamazoo, Mich.
Accurate Engineering Co., 5401 Western av, Chicago, Ill.
Accurate Machine Co., machst., 1071 Power av, Cleveland, O.
Accurate Measure Mfg. Co., advtg. tape, 44 E. 25th, New York.
Acer & Whedon, sheet metal stamping, Medina, N. Y.
Acetylene Journal Pubg. Co., trade publications, 122 S. Michigan av, Chicago, Ill.
Acetylene Stove Co., 1232 E. 3d, Cleveland, O.
Ach, Abraham & Son, tin plate, metals, etc., Dayton, Ohio.
Ach, David M., architect, 1 Madison av, New York.
Achee, Elphez, brick, Labadieville, La.
Acheson Fdry. & Mach. Wks., Chattanooga, Tenn.
Acheson Graphite Co., pine joint compounds, Niagara Falls, N. Y.
Acheson Ink Co., printing ink mfrs., Niagara Falls, N. Y.
Acheson Mfg. Co., mchsts. & fndrs., Rankin, Pa.
Acheson Oildag Co., cutting compounds, Niagara Falls, N. Y.; and lub. oils, Port Huron, Mich.
Achey, Benj., masons' & bldrs. matls., Quakertown, Pa.
Achming, Chas. J., who. hdwe., Lawrence, Kans.
Acid Proof Iron Prod. Co., acid resisting castings, 49 Herman, Newark, N. J.
Acieral Co. of America, alum. alloys, 26 Cortlandt, New York.
Ackenhausen Saddlery Co., Leavenworth, Kans.
Acker, A. L., architect, 182 E. Vernon av, Los Angeles, Cal.
Acker, J. Fred, contractor, Glens Falls, N. Y.
Ackerly, Paul, cotton twine, Vernon, Conn.
Ackerman, Christ, & Sons, contrs., Sheboygan, Wis.
Ackerman, Geo. & Sons Co., metal signs, Cincinnati, O.
Ackerman, Hy. I., brick, Morton, Pa.
Ackerman, Hy., Piano Co., Marion, Ohio.
Ackerman & Johnson, slaters' tools, Bangor, Pa.
Ackerman-Johnson Co., expansion bolts, 631 W. Jackson Bl., Chicago, Ill.
Ackerman, Newton, architect, Eureka, Cal.
Ackerman Telephone Co., 631 W. Jackson, Chicago, Ill.
Ackerman Wheel Co., Rockefeller Bldg., Cleveland, O.
Ackerman, Wm. S., architect, Silk City Trust Bldg., Paterson, N. J.
Ackerson, umbrella handles and sticks, 10 E. 15th, New York.
Ackley Brake & Supply Corp., 50 Church, New York.
Ackley & Brink Mfg. Co., belt dressing, etc., 123 E. Canal, Cincinnati, O.
Ackley & Luff, contractors, Ellensburg, Wash.
Ackley, Robert T., coils, Cortland, O.
ACKLIN (THE) STAMPING CO., 1579 Dorr, Toledo, Ohio. *See adv. index at end of book.*
Ackroyd & Best (Ltd.), miners' safety lamps, Arrott Power Bldg., Pittsburgh, Pa.
Ackroyd, Jas., & Sons, cornices and skylights, Albany, N. Y.
Acme Asbestos Covering & Supply Co., asbestos in all forms, 404 N. Ada, Chicago, Ill. *See adv. index at end of book.*
Acme Bedding Co., mattresses, 1511 Bates, Indianapolis, Ind.
Acme Belting Co., mfrs., Niles, Mich.
Acme Box Co., 1401 W. 21st pl, Chicago, Ill.
Acme Box Co., Omaha, Neb.
Acme Box & Lumber Co., packing box, 3471 E. 49th, Cleveland, O.
Acme Brass Fdry Co., Los Angeles, Cal.
Acme Brass Wks., 147 Baxter, New York.
Acme Brick Co., shale face brick, Cayuga, Ind.
Acme Brick Co., 2320 S. Crawford av, Chicago, Ill.
Acme Brick Co., Fort Worth, Tex.
Acme Brick Co., Marietta, O.
Acme Cabinet Co., 116 W. 32d, New York.
Acme Canning Co., Machias, Me.
Acme Canning Co., Midway, Tenn.
Acme Carbureter & Mfg. Co., Dayton, Ohio.
Acme Cement Corp., Catskill, N. Y.
Acme Cement Plaster Co., Frisco Bldg., St. Louis, Mo.
Acme Chandelier & Mfg. Co., 165 N. Wabash av, Chicago, Ill.
Acme Coal & Lime Co., masons' & bldrs. matls., Terre Haute, Ind.
Acme Coal, Wood & Builders' Supply Co., Toledo, O.
Acme Column Co., 122 Newton, Brooklyn, N. Y.
Acme Compound Mfg. Co., 102 N. 5th av, Chicago, Ill.
Acme Cornice, Skylight & Roofing Co., 30 Fernando, Pittsburgh, Pa.
Acme Die Casting Corp., 87 35th, Brooklyn, N. Y.
Acme Die & Stamping Co., McKee's Rocks, Pa.
Acme Elec. Heater Co., sad irons & toasters, 235 Mt. Elliott av, Detroit, Mich.
Acme Engine Co., Lansing, Mich.
Acme Equipment & Engineering Co., Garfield Bldg., Cleveland, O.
Acme-Evans Co., flour mills, Indianapolis, Ind., & Louisville, Ky.
Acme Extract & Chemical Wks., varnish mfrs., Hanover, Pa.
Acme Fancy Wire Wks., archl. iron, Detroit, Mich.
Acme Fire Clay Wks., common brick, New Cumberland, W. Va.
Acme Fishing Tool Co., mchsts. & fndrs., Parkersburg, W. Va.
Acme Folding Boat Co., folding bath tubs, Miamisburg, Ohio.
Acme Forge & Machine Co., Bloomington, Ill.
Acme Fdry. Co., 308 N. Henry, Brooklyn, N. Y.
Acme Fdry Co., Clay Center, Kans.
Acme Foundry Co., machinists & fdrs., 5217 Sweeney av, Cleveland, O.
Acme Foundry Co., Isabel & M. C. R. R., Detroit, Mich.
Acme Freezer Co., 1543 N. Hutchinson, Phila., Pa.
Acme Furnace Equipt. Co., 39 Cortland, New York.
Acme Gas & Elec. Fixture Co., 132 W. 14th, New York.
Acme Gear Works, Inc., mills,, Astoria, L. I., New York.
Acme Glass Co., glass bottles, Olean, N. Y.
Acme Glass Sand Co., Coxville, Ind.
Acme Gold Pen Co., 17 Vandewater, New York.
Acme Guard Co., 150 Nassau, New York.
Acme Handle Co., 181 W. Houston, New York.
Acme Hardwood Floor Co., 1144 Sutter, San Francisco, Cal.
Acme Harvesting Machine Co., Peoria, Ill.
Acme Iron & Wire Works, 485 6th, San Francisco, Cal.
Acme Kitchen Furniture Co., cabinets; book cases, Chattanooga, Tenn.
Acme Knitting Machine & Needle Co., Franklin, N. H.
Acme Level & Mfg. Co., racks, etc., Toledo, O.
Acme Lumber Co., sash, door & blind, New Castle, Pa.
Acme Lumber Co., Ltd., 1023 Hibernia, New Orleans, La.
Acme Lumber Co., 6th & Channel, San Francisco, Cal.
Acme Lumber & Mfg. Co., Florence, Ala.
Acme Lbr. & Shingle Co., Great Northern Bldg., Chicago, Ill.
Acme Mach. Co., St. Joseph, Mo.
Acme Machine Tool Co., Cincinnati, Ohio.
Acme Mach. Wks., cut and internal gears, 1500 N. 18th, St. Louis, Mo.
Acme Machinery Co., bolt & nut machinery, Cleveland, Ohio.
Acme Mfg. Co., cedar chests, South Bend, Ind.
Acme Mfg. Co., chains, Waterbury, Conn.
Acme Mfg. Co., fertilizer, Wilmington, N. C.
Acme Mfg. Co., ladders, 1806 East, Pittsburgh, Pa.
Acme Mfg. Co., pipe clamps, hammers, hangers, etc., Bangor, Me.
Acme Mfg. Co., dies, models, etc., 355 Howard, Detroit, Mich.
Acme Mattress Co., Kansas City, Mo.
Acme Metal Ceiling Co., cornices, 733 S. Halstead, Chicago, Ill.
Acme Metal Stamping Co., junction boxes, 429 Prospect, N. W., Cleveland, Ohio.
Acme Mill Supply Co., 838 Guardian Bldg., Cleveland, O.
Acme Mill Works, flour mill machy., Greensboro, N. C.
Acme Milling Co., buckwheat flour, Corry, Pa.
Acme Milling Co., flour, Oklahoma, Okla.
Acme Milling Co., flour, Talbott, Tenn.
Acme Mills, flour, Hopkinsville, Ky.
Acme Motor Truck Co., 808 E. Woodbridge, Cadillac & Detroit, Mich.
Acme Nail & Supply Co., 422 Frankfort av, Cleveland, O.
Acme Nov. Co., card tables, Jamestown, N. Y.
Acme Oil Engine Co., machsts., Bridgeport, Conn.
Acme Packing Co., 2226 S. La Salle, Chicago, Ill.
Acme Pattern & Mach. Co., Buffalo, N. Y.
Acme Pattern Wks., 11 Woodbridge, W. Detroit, Mich.
Acme Paving & Crusher Co., contrs., Commerce Bldg., Kansas City, Mo.
Acme Planing Mill Co., Portland, Ore.
Acme Polish Co., metal, 71 12th, Pittsburgh, Pa.
Acme Preserve Co., Adrian, Mich.
Acme Press Cloth Co., Frankford, Phila., Pa.
Acme Print Co., textile machy. supplies, Reading, Pa.
Acme Printing Ink Co., 548 W. Harrison, Chicago, Ill.
Acme Ribbon & Carbon Co., Charleston, W. Va.
Acme Road Machy. Co., dumping wagons, Frankfort, N. Y.
Acme Roofing Co. cornices, 797 Russell, Detroit, Mich.
Acme Rubber Mfg. Co., Trenton, N. J.
Acme Sanitary Pottery Co., Trenton, N. J.
Acme Shear Co., Bridgeport, Conn.
Acme Sheet Metal Co., Martins Ferry, O.
Acme Specialty Mfg. Co., heaters, Toledo, O.
Acme Spring Bed & Mattress Co., Fort Smith, Ark.
Acme Stamping Co., steel kegs, Shamokin, Pa.
Acme Staple Co. (Ltd.), paper stapling machs., Camden, N. J.
Acme Steel Goods Co., 2834 Archer av, Chicago, Ill.
Acme Steel & Malleable Iron Wks., 245 Military rd, Buffalo, N. Y.
Acme Stove & Range Co., gas stoves, Carnegie, Pa.
Acme Supply Co., mchsts. & fndrs., 28 E. Jackson boul, Chicago, Ill.

Acme Supply Co., masons' & builders' supplies, 26th & Warwick av, Newport News, Va.
Acme Tag Co., 2840 Fremont av, Minneapolis, Minn.
Acme Tank Co., 59 Cortlandt, New York.
Acme Tent & Awning Co., 1012 Market, St. Louis, Mo.
Acme Tool & Die Co., Syracuse, N. Y.
Acme Universal Joint Mfg. Co., Kalamazoo, Mich
Acme Veneer & Lumber Co., 8th & Harriet, Cincinnati, Ohio.
Acme Wagon Co., Emigsville, Pa.
Acme White Lead & Color Works, Milwaukee Jct. nr. St. Aubin av, Detroit, Mich.
Acme Wire Co., magnet wire & electro magnet mfrs., New Haven, Conn.
Acme Woodworking Co., display racks & stands, 562 W. 34th, New York
Acme Woolen Mill Co., felts cotton, 1294 W. 70th, Cleveland, O.
A. & C. Mill Co., lumber, Edmonds, Wash.
Acocella, J. B., architect, 9 Clinton, Newark, N. J.
Acocella, Michael A., architect, Mount Vernon, N. Y.
Acomb-Keller Bldg. Co., 2d & Natl. Bk. Bldg., Cincinnati, O.
Acorn Brass Mfg. Co., envelope sealing machines, etc., 426 South Clinton, Chicago, Ill.
Acorn Buggy Co., carriages, 5th & Eggleston av, Cincinnati, O.
Acorn Elect. Mfg. Co., elec. ltg. plants, Minneapolis, Minn.
Acorn Insulated Wire Co., 77 Richards, Brooklyn, N. Y.
Acorn Lumber Co., Oliver Bldg., Pittsburgh, Pa.
Acorn Web Mills, North Wales, Pa.
A. & C. Stone & Lime Co., masons' & bldrs.' matl., 17 N. Pennsylvania, Indianapolis, Ind.
Active Glass Co., 740 S. Wabash av, Chicago, Ill.
Acton, John, steam traps, oil filters, machy., regulators, valves, etc., 118 John, Brooklyn, N. Y.
Acton Products Co., canned goods, Acton, Ind.
Acushnet Iron Co., mchsts. & fdrs., New Bedford, Mass.
Acushnet Mills Corp., cotton sheetings, New Bedford, Mass.
Acushnet Process Co., rubber goods, Acushnet, Mass.
Acushnet Saw Mills Co., box shooks, Acushnet, Mass.
Ada Clay Co., brick and tile, Ada, O.
Ada Coal & Lumber Co., masons' & bldrs. matls., Ada, O.
Ada College of Engineering, Ada, O.
Ada Granite Co., Ada, O.
Adair, A. D., & McCarty Bros., phosphate acid, Atlanta, Ga.
Adair, Geo. B., & Son Co., mill & facty. supplies, 514 1st av, S., Seattle, Wash.
Adair, Richard H., architect, Parkersburg, W. Va.
Adam Bros. Co., paint mfrs., Erie, Pa.
Adam, Frank, Elec. Co., Inc., cut-outs and switchboards, 914 Pine, St. Louis, Mo.
Adam, John, contractor, Lebanon, Ind.
Adam, Louis A., architect, 122 E. 25th, New York.
Adamant Porcelain Co., E. Liverpool, O.
Adams Bros., contrs., Helena, Mont.
Adams, A. F., architect, 3623 Wyandotte, Kansas City, Mo.
Adams, A., Jr., canned goods, Sunland, Cal.
Adams, A. L., drill, anvil & vise combined, Cedar Rapids, Ia.
Adams, A. L., mchsts., Bridgeport, Conn.
Adams, A. L., Paper Co., Baldwinsville, Mass.
Adams, A. M., architect, 1012 Walnut, Phila., Pa.
Adams & Adams, architects, Gibbs Bldg., San Antonio, Tex.
Adams, Albert L., contractor, 217 E. 5th, New York.
Adams, Arthur F., architect, 822 Sprague av, Spokane, Wash.
Adams Bag Co., The, paper mills & paper bag mfrs., Euclid bldg., Cleveland and Chagrin Falls, O.
Adams-Bagnall Electric Co., lighting equipment, Cleveland, O.
Adams Brick Co., Martinsville, Ind.
Adams Bros., cotton waste, 134 Tudor, S. Boston, Mass.
Adams Bros., flour mills, Cadiz, Ky.
Adams Bros., machsts., 224 Eddy, Providence, R. I.
Adams Bros. & Co., mchsts., 136 W. Lake, Chicago, Ill.
Adams Bros. Contr. Co., masons' & bldrs.' matls., Zanesville, O.
Adams Bros. Mfg. Co., elec. heaters, Fayette & Chartiers, Pittsburgh, Pa.
Adams Bros. Paynes Co., bldrs. mtls., Lynchburg, Va.
Adams Bros. & Sellers Fig Co., canned goods, Alvin, Tex.
Adams, C. N., brick, Alexandria, La.
Adams, C. R., mchsts. & fdrs., Ventor, Va.
Adams, Campbell Co., Los Angeles, Cal.
Adams Carriage Co., Dover & Lisbon, O.
Adams, Chas. J., & Sons, contractors, 24 Gold, New York.
Adams, Chas. S., contractor, Pleasantville, N. J.
Adams, Clyde S., architect, 1509 Arch, Phila., Pa.
Adams Co., gear machy., machsts. & fdrs., stove trimmings, vises, etc., Dubuque, Ia.
Adams Constr. Co., 137 S. La Salle, Chicago, Ill.
Adams County L'br. Co., Decatur, Ind.
Adams, Cushing & Foster, fountain pens, tablets & pads, 168 Devonshire, Boston, Mass.
Adams, D. C., Crayon Co., mfrs. all kinds of crayon, 125 Market, St. Louis, Mo. *See adv index at end of book.*
Adams, D. E., Co., silk thread, 225 5th av, New York.
Adams, D. L., lumber, Portland, Ind.
Adams, Dan'l., sash, door & blind mfrs., 2940 Marshall, Philadelphia, Pa.
Adams & Duford Co., stone producers, Chaumont, N. Y.
Adams, E. B., & Son, machsts., Racine, Wis.
Adams, E. G., artificial stone laundry tubs, Kingston, N. Y.
Adams, E. P., Co., advtg. signs, 170 Summer, Boston, Mass.
Adams, Edward P., landscape architect, Exchange Bldg., Boston, Mass.
Adams & Elting Co., mfrs, paints, varnishes, enamels, etc., 726 Washington blvd., Chicago, Ill.
Adams, Enos, Co., quartz, soap, Bennington, Vt.
Adams, Frank, architect, 216 Boerum, Brooklyn, N. Y.
Adams, Frank P., cooperage stock, Bluffton, Ind.
Adams, Fred C., Co., soap makers & mill & factory supplies, oils, etc., 234 S. La Salle, Chicago, Ill.
Adams, Fred M., masons' & bldrs.' matls., Elgin, Ill.
Adams, G. E., cornices, Glens Falls, N. Y.
Adams, Geo. G., architect, 288 Essex, Lawrence, Mass.
Adams, G. H., & Son, whol. hdwe., Tyler, Tex.
Adams, Geo. H., Co., knitting & latch needles & machy., Hill, N. H.
Adams, Geo. J., machy. dlr., 39 South, New York.
Adams, H., heating & ventilating engineer, 1263 Calvert Bldg., Baltimore, Md.
Adams Hardware & Paint Co., Lowell, Mass.
Adams & Hart, machy. dlrs., Grand Rapids, Mich.
Adams Heating Plumbing Co., Helena, Mont.
Adams-Holland Electric Co., switch boxes, Revere, Mass.
Adams, Hollopeter & Mallett, elec. fix. mfrs., 353 Sutter, San Francisco, Cal.
Adams Husker Co., agricultural implements, Marysville, Ohio.
Adams, J. A., & Sons Co., Ltd., lumber mfrs., Ruston, La.
Adams, J. B., lime mfrs., Birmingham, Ala.
Adams, J. D., & Co., road machs. & graders, Indianapolis, Ind.
Adams, J. E., architect, Johnstown, Pa.
Adams, J. M., parquet floors, 330 N. Charles, Baltimore, Md.
Adams, J. R. M., whol. hdwe., Eutaw & Franklin, Baltimore, Md.
Adams, J. T., card feed rolls, Lowell, Mass.
Adams, J. T., contractor, Columbus Saving & Trust Bldg., Columbus, O.
Adams, Jacob A., & Son, contrs., Wilkinsburg, Pa.
Adams & Jewell, asbestos pipe coverings, Rome, N. Y.
Adams, John E. S., carriages, 28 Huneman, Boston, Mass.
Adams, John J., machsts., Worcester, Mass.
Adams & Johnson Co., harness, saddles & strap work, Galesburg, Ill.
Adams & Kelly Co., masons' & bldrs.' matls., Omaha, Nebr.
Adams & Kirby, architects, 17 W. 42d, New York.
Adams & Langford, flour mills, Harrodsburg, Ky.
Adams Laundry Machy. Co., Troy, N. Y.
Adams, Lloyd P., architect, Geneva, N. Y.
Adams Mfg. Co., buckram, 31 E. 32d, New York.
Adams Mfg. Co., glue, 2823 S. 9th, Minneapolis, Minn.
Adams Mfg. Co., mosquito netting, Shelton, Conn.
Adams Mfg. Co., stationers' specialties, 80 E. Plumstead, Phila., Pa.
Adams Mattress Co., Adams, Mass.
Adams-Morgan Co., wireless instruments, Upper Montclair, N. J.
Adams, Norman W., architect, 619 Summit av, Syracuse, N. Y.
Adams, P. D., architect, Boothbay, Me.
Adams Paper Co., Wells River, Vt.
Adams, Payne & Gleaves, masons' & bldrs.' matls., Roanoke, Va.
Adams, Percy C., architect, Woodward Bldg., Washington, D. C.
Adams-Pond Co., contractors, 166 Debonshire, Boston, Mass.
Adams & Powers Co., sash, door & blind mfrs., Worcester, Mass.
Adams, R. T., & Co., parquet floors, 15 Milk, Boston, Mass.
Adams & Raymond Veneer Co., Indianapolis, Ind.
Adams, Rayus, architect, 7 W. 42nd, New York.
Adams-Rogers Co., sash, door & blind mfrs., Indianapolis, Ind.
Adams & Ruxtom Construction Co., Springfield, Mass.
Adams, S. G., Stamp & Seal Co., 412 N 6th, St. Louis, Mo.
Adams, S. H., cooperage stock, Portland, Ind.
Adams, S. & Son, agricultural implements, Rome, N. Y.
Adams & Schneider, contractors, Chattanooga, Tenn.
Adams Ship Bldg. Co., East Boothbay, Me.
Adams & Sullivan, contractors, Louisville, Ky.
Adams & Taylor Mach. Co., Fort Wayne, Ind.
Adams, Thos. J., & Co., varnish mfrs., 3605 N. 4th, Phila., Pa.
Adams Truck, Foundry & Machine Co., Findlay, O.
Adams, U. S., & Co., lumber, Townsend, Mass.
Adams, W. A., flour mills, Simpsonville, S. C.
Adams, W. T., Mach. Co., Corinth, Miss.
Adams, W. W., & Sons, heating contrs., No. Calhoun, Baltimore, Md.
Adams & Westlake Co., railroad specialties, 319 W. Ontario, Chicago, Ill.
Adams & White Co., archt. & engrs.' supplies, 94 Pearl, Buffalo, N. Y.
Adams, Wm., architect, 15 W. 38th, New York.
Adams, Wm., Co., contractors, 209 La Salle, Chicago, Ill.
Adams, Wm., Fdry. Co., 960 N. 9th, Phila., Pa.
Adams, Winfield, Pleasantville, N. J.
Adamson & Anderson, who. & retail plate & window glass, Terre Haute, Ind.
Adamson, G. H., contractor, 1325 Green, Salt Lake City, Utah.
Adamson, J. H., contractor 57 Ann, New York.
Adamson, Jos., & Co., elastic & cotton webbing, Columbia & Gtn. av, Phila., Pa.
Adamson Machine Co., rubber mill machinery, castings, etc., Akron, Ohio. *See adv. index at end of book.*

Adamson Mfg. Co., tire vulcanizers, East Palestine, Ohio.
Adamstown Canning & Supply Co., Adamstown, Md.
Adapt Machy. Co., 1624 Wabash av, Chicago, Ill.
Adapti Mfg. Co., conduit fittings, 919 West, Cleveland, Ohio.
Adbro Mfg. Co., massage vibrators and screwdrivers, Phipps Power Bldg., Pittsburgh, Pa.
Adco, Inc., advt. signs, 381 4th av, New York.
Adde & Co., machsts. & mill & facty. supplies, Portland, Me.
Adden & Parker, architects, 12 Bosworth, Boston, Mass.
Addenbrook's, J. U., Sons, contractors, Norfolk, Va.
Adder Mach. Co., Wilkes-Barre, Pa.
Addikson & Bauer, who. hdwe., Jackson, Miss.
Addison Bros., lumber, Lorane, Ore.
Addison Packing Co., canned goods, Southwest Harbor, Me.
Addressing Mach. Co., Buffalo, N. Y.
Addressograph Co., addressing & mailing machines, 901 W. Van Buren, Chicago, Ill.
Addy, Matthew, Co., iron ores, coal & coke, 1st National Bank Bldg., Cincinnati, Ohio.
Ade, Carl C., architect, 344 East av, Rochester, N. Y.
Adee, Fred., Co., plumbers' supplies-jobbers, 3 Cliff, New York.
Adelano Co., woolfat, 135 Front, New York.
Adelhurst Iron Co., New Haven, Conn.
Adell Canning Co., Adell, Wis.
Adell Mfg. Co., hdwe. & sheet metal stamping, Orange, Mass.
Adelsohn, E. M., architect, 1776 Pitkin av, Brooklyn, N. Y.
Adelson, Mose D., scrap iron, Pittston, Pa.
Adelsperger Rolland, architect, College Station, Tex.
Ader, Frank G., Construction Co., Newport, Ky.
Adirondack Elec. Power Corp., Glens Falls, N. Y.
Adirondack Silo Co., Malone, N. Y.
Adjustable Clamp Co., 216 N. Jefferson, Chicago, Ill.
Adjustable Fixture Co., 305 Mfrs. Home, Milwaukee, Wis.
Adjustable Lighter Assn., cigar & gas lighters, Newton, Mass.
Adjustable Table Co., adding mach. stands, Grand Rapids, Mich.
Adjusto Spec. Co., sheet mtl. goods mfrs., Springfield, Mass.
Adkins, E. S. & Co., lbr., sashes, etc., Salisbury, Md.
Adkins, Young & Allen Co., mill & facty. supplies, 561 Wash. blvd., Chicago, Ill.
Adkinson Bros. Co., lumber, Carrollton, Ky.
Adler, Abraham K., architect, McCormick Bldg., Chicago, Ill.
Adler Color & Chemical Wks., 100 William, New York.
Adler, H., Co., mchsts. & fndrs., gas stoves, Carnegie, Pa.
Adler, Jacob, & Co., leather gloves, 315 4th av, New York.
Adler Mfg. Co., organs, pianos, Louisville, Ky.
Adler & Oberndorf, meat packers, 4201 S. Ashland av, Chicago, Ill.
Adler Underwear & Hosiery Mfg. Co., Harrison & Queen City avs, Cincinnati, Ohio.
Adler Veneer Seat Co., Payntar av, L. I. City, N. Y.
Adlerhurst Iron Co., West Haven, Conn.
A. D. Mfg. Co., traps, bath waste, 201 Piquette, Detroit, Mich.
Admiral Anchor Co., Chester, Pa.
Admiral Hay Press Co., Kansas City, Mo.
Admiral Welding Mach. Co., Kansas City, Mo.
Adolph, Jos., contractor, Lancaster, N. Y.
Adoue-Keown Hardware Co., Houston, Tex.
Adovasio, Louis, & Co., contractors, Youngstown, Ohio.
Adreon Mfg. Co., car replacers, clamps, braces, etc., Security Bldg., St. Louis, Mo.
Adrian Furnace Co., blast, Dubois, Pa.
Adrian Iron & Metal Co., scrap rubber, Adrian, Mich.
Adrian Steel Casting Co., Adrian, Mich.
Adrian Wire Fence Co., Adrian, Mich
Adriance Mach. Wks., 80 Richards, Brooklyn, N. Y.
Adriance Plumbing & Seating Co., Poughkeepsie, N. Y.
Adro Co., metal polish, 247 Pearl, New York.
A. & D. Sheet Metal Wks., cornices, Kalamazoo, Mich.
A. D. Standard Contrg. Co., 225 Lexington av, New York.
Adt, Jno. B., Co., freight elev. machy. mfrs. & mill & facty. supplies, 326 N. Holliday, Baltimore, Md.
Adundel Cons. Co., 329 S. Caroline, Baltimore, Md.
Advance Bag Co., Middletown, Ohio.
Advance Bedding Co., mattresses, La Crosse, Wis.
Advance Car Mover Co., Appleton, Wis.
Advance Co., ventilating apparatus mfrs., Richmond, Ind.
Advance Dairy Machy. Co., precision laths, Canton, O.
Advance Elec. Co., 20 N. Commercial, St. Louis, Mo.
Advance Elec. & Mfg. Co., junction boxes, switchboards, etc., Kansas City, Mo.
Advance Engineering Co., Motta av, Cleveland, Ohio
Advance Felt Specialty & Cutting Co., 322 S. Jefferson, Chicago, Ill.
Advance Fire Clay Co., Uhrichsville, Ohio.
Advance Fdry. Co., Dayton, Ohio.
Advance Glass Co., Newark, O.
Advance Grease Co., Wan Mfg
ADVANCE GREASE CO., lubricating oils & greases, 170 S. Water, Jackson, Mich.
Advance Lumber Co., Rockefeller Bldg., Cleveland, Ohio.
Advance Machine Co., embossing machine mfrs., Cambridge, Mass.
Advance Mach. Co., 4645 Ravenswood av, Chicago, Ill.
Advance Machine Co., Los Angeles, Cal.
Advance Machinery Co., Toledo, Ohio.
Advance Machy. & Supply Co., Denver, Colo.
Advance Mfg. Co., hand vacuum cleaners, Kalamazoo, Mich.
Advance Mfg. Co., pumping & traction gasoline engines, Hamilton, Ohio.
Advance Mfg. Co., sewer traps, Erie, Pa.
Advance Oil Co., Oil City, Pa.
Advance Packing & Supply Co., 11 N. Franklin, Chicago, Ill.
Advance Paint Co., Indianapolis, Ind.
Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
Advance Roofing & Sheet Metal Wks., cornices, 4830 Cottage Grove av, Chicago, Ill.
Advance Rumely Co., agricultural implement mfrs., engines, machsts., etc., La Porte, Ind.
Advance Rumely Thresher Co., La Porte, Ind.
Advance Spec. & Mfg. Co., harness tassels, St. Joseph, Mo.
Advance Stove Wks., Evansville, Ind.
Advance Terra Cotta Co., 29 So. La Salle, Chicago, Ill.
Advance Tool Co., special tools, Canal & Jackson, Cincinnati, O.
Advance Tool Mfg. Co., blow torches, 149 Church, New York.
Advertisers Paper Mill, Holyoke, Mass.
Advertising Laboratories (The), Canton, Ohio.
Advtg. Leather Spec. Co., 303 Mercer, New York.
Advtg. Novelty Co., Spokane, Wash.
Advtg. Pencil Co., 284 Pearl, New York.
Advtg. & Selling Magazine, 381 4th av, New York.
Advertising Specialty Co., 1280 Turck, San Francisco, Cal.
Ady, S. J., canned goods, Sharon, Md.
A. & E. Leather Goods Co., 42 E. 20th, New York.
Aeolian Co., pianos, 29 W. 42d, New York.
Aeolian Plastic Slate Roofing Co., 637 W. 42d, New York.
Aeppli & Smith, leather gloves, 4014 Parker av, Chicago, Ill.
Aerial Cutlery Mfg. Co., Marinette, Wis.
Aermotor Co., agricultural implements, 1146 S. Campbell av, Chicago, Ill.
Aero Fire Alarm Co., Seattle, Wash.
Aerofram Co., Inc., gasoline fuel savers, 107 Mass. av, Boston, Mass.
Aeromarine Plane & Motor Co., aeroplanes & supplies, Times Bldg., New York.
Aero-Motion Co. of Am., aero. motors, Wright Bldg., St. Louis, Mo.
Aero Pulverizing Co., 120 B'way, New York.
Aero Wheel Co., airplane wheels, 1777 B'way, New York.
Aeroshade Co., Waukesha, Wis.
Aerothrust Engine Co., igniters, La Porte, Ind.
Aetna Boiler Compound Co., 6062 S. La Salle, Chicago, Ill
Aetna Bottle & Stopper Co., 54 Peck, Providence, R. I.
Aetna Brass Mfg. Co., machsts. & fdrs., 1631 E. 55th, Cleveland, Ohio.
Aetna Brick Co., Cohoes, N. Y.
Aetna Cabinet Co., bank fixtures, Indianapolis, Ind.
Aetna Construction Co., Merrill Bldg., Milwaukee, Wis.
Aetna Engine Wks., Menominee, Wis.
Aetna Explosives Co., Inc., powder mfrs., 120 B'way, New York.
Aetna Fire Brick Co., Oak Hill, Ohio.
Aetna Fire Sprinkler Co., automatic, 7 S. Clinton, Chicago, Ill.
Aetna Foundry Co., 32d & Allegheny av, Phila., Pa.
Aetna Fdry. & Mach. Co., Warren, Ohio.
Aetna Graphite Co., Cleveland av, Columbus, Ohio.
Aetna Life Insurance Co., Hartford, Conn.
Aetna Mach. Wks., Kansas City, Mo.
Aetna Nut Co., Southington, Conn.
Aetna Paper Co., Dayton, Ohio.
Aetna Paving Co., 133 W. Washington, Chicago, Ill.
Aetna Plating Wks., bath tub seats, 126 S. Clinton av, Chicago, Ill.
Aetna Portland Cement Co., Detroit, Mich.
Aetna Rubber Co., gloves, rubber, 815 E. 79th, Cleveland, Ohio.
Aetna Sand & Gravel Co., 7159 Normal, Chicago, Ill
Aetna Steel Products Co., Inc., sheets & plates, 30 Church, New York.
Affeld, J. S., contractor, Ford Bldg., Detroit, Mich.
Affleck Ruling & Stationery Co., tablets & pads, Holyoke, Mass.
A. F. S. Machine Co., 531 S. St. Clair, Toledo, Ohio.
Aftel, Sidney E., architect, Ohio Bldg., Toledo, Ohio.
Aganite, Edw., contractor, Green Bay, Wis.
Agar, C. A., & Co., cardboard mfrs., 167 41st, Brooklyn, N. Y.
Agar Mfg. Co., corrugated paper products, 167 41st, Brooklyn, N. Y.
Agar Provision & Packing Co., meat packers, 310 N. Green, Chicago, Ill.
A. G. A. Railway Light & Signal Co., lighting systems, Elizabeth, N. J.
Agard Hardware Co., Torrington, Conn.
Agard Planing Mill, sash, door & blind, Topeka, Kans.
Agate Granite Co., St. Cloud, Minn.
Agatile Composition Flooring Co., 616 W. Van Buren, Chicago, Ill.
Agatine Shoe Hook & Eyelet Co., 258 Norfolk, Newark, N. J.
Agawam Chemical Wks., acids, Grosvenor Bldg., Providence, R. I.
Agawan Co., woolen flannels, Agawan, Mass.
Agee Canning Co., Baldwin Station, Va.
Agee Screen Co., Ft. Worth, Tex.
Agens & Co., inc. lamp coloring, 219 Market, Newark, N. J.
Agents Supply Co., advtg. spec., Ft. Wayne, Ind.
Ager, C. Leonard J., paper, Lyonsdale, N. Y.

A. G. Mfg. Co., switches & panel board cabinets, Seattle, Wash.
Agne, Rushmer & Jennison, architects, Arcade Bldg., Utica, N. Y.
Agner, D. B., flour mills, Warm Springs, Va.
Agner, Raymond C., Co., wrenches, grease guns & cups, Burlington, Wis.
Agnew Hardware Co., Everett, Wash.
Agnew, John, Co., masons' & bldrs.' matls., Paterson, N. J.
Agnew, O. L., fertilizer, Canon, Ga.
Agricultural Chemical Wks., 901 Macy, Los Angeles, Cal.
Agricultural & Commercial Lime Co., Canton, Ohio.
Agricultural & Mechanical Coll. of Tex., College Station, Tex.
Ahern, A. W., cornices, 8812 24th av, Brooklyn, N. Y.
Ahern Construction Co., Willimantic, Conn.
Ahern, Jas., granite tools, Barre, Vt.
Ahern & Welch Co., contractors, 721 Main, Hartford, Conn.
Ahl & McLaughlin, cornices & skylights, Sacramento, Cal.
Ahlberg Bearing Co., 2636 Michigan av, Chicago, Ill.
Ahlborg, Olaf, contractor, 17 Wildwood av, Providence, R. I.
Ahlborn, Wm., Const. Co., contrs., Hammond, Ind.
Ahlbrand Carriage Co., Seymour, Ind.
Ahlers & Gregoire, coppersmiths, Louisville, Ky.
Ahlgrim, F. H., architect, Michigan City, Ind.
Ahlschlaeger, Walter N., architect, 111 W. Wash., Chicago, Ill.
Ahlstrom, O. J., embroidery, sewing & plating machs., 711 B'way, New York.
Ahlstrom Piano Co., Jamestown, N. Y.
Ahlswede Mfg. Co., traveling bags, 126 N. Los Angeles, Los Angeles, Cal.
Ahmay, G. L. & Son, contractors, 1217 N. Y. av, N. W., Washington, D. C.
Ahnapee Veneer & Seating Co., Algoma, Wis.
Ahr, Hy., Son's Iron Wks., 444 E. 148th, New York.
Ahr & Rost Co., carriage bodies & rims, Cincinnati, Ohio.
Ahrens, Claus & Co., contractors, Rutherford, N. J.
Ahrens-Fox Fire Engine Co., Cincinnati, Ohio.
Ahrens & Ott Mfg. Co., mill & facty. & plumbers' & steam fitters suppplies, etc., 319 W. Main, Louisville, Ky.; 14-30 N. Peoria, Chicago, Ill.; Houston & San Antonio, Texas, & New Orleans, La.
Aicher Machine Works, 1650 Stockton, San Francisco, Cal.
Aiello Bros. & Co., canned goods, Highland, N. Y.
Aiello, Gaetano, contractor, 1322 Webster av, Pittsburgh, Pa.
Aigner, G. J., & Co., index tabs 554 W. Adams, Chicago, Ill.
Aiken Construction Co., Fargo, N. D.
Aiken, Fred, architect, Theatre Bldg., San Jose, Cal.
Aiken, L. R. & Bro., lumber, Mount Pleasant, Ga.
Aiken Mills, sheetings, cotton, Bath, S. C.
Aiken's, Frank D. Sons, ties, poles, etc., Brunswick, Ga.
Aimone Mfg. Co., book cases, 430 E. 23d, New York.
Ainsley, J. C., Packing Co., Campbell, Cal.
Ainslie Knitting Mach. Co., 281 Ainslie, Brooklyn, N. Y.
Ainslie Mach. & Tool Wks., universal joints, drill vises, jigs, dies & Tools mfrs., 35 Jefferson av, Hartford, Conn. *See adv. index at end of book.*
Ainslie-Martin Co., who. hdwe. & mills & facty. supplies, Lynchburg, Va.
Ainsworth Construction Co., Terre Haute, Ind.
Ainsworth & Dupp, canned goods, Seattle, Wash.
Ainsworth, Wm., & Sons, engineering & surveying instruments, Denver, Colo.
Air Device Co., pumps, 2975 Cottage Grove av, Chicago, Ill.
Air Friction Carbureter Co., Dayton, Ohio.
Air Reduction Sales Co., gas mfrs., 120 Broadway, New York.
Aircraft, trade publication, Plainfield, N. J.
Air-Tight Steel Tank Co., Gloster & B. & O. R. R., Pittsburgh, Pa.
Aird-Don Co., plumbers' supplies-jobbers, Troy, N. Y.
Aireys Packing Co., canned goods, Aireys, Md.
Aitcheson & Bro., sash door blind, Alexandria, Va.
Aitcheson, J. & H., mchst. & fdrs., Alexandria, Va.
Aitken, David R., stone producers, Memphis, Tenn.
Aitkin & Bebbington, steel struct. wk., Trenton, N. J.
Ajax Auto & Aerosheet Metal Co., 245 W. 55th, New York.
Ajax Badge Co., badges & buttons, Kansas City, Mo.
Ajax Brass & Iron Wks., mchst. & fdrs., 47 Clementine, San Francisco, Cal.
Ajax Brass Mfg. Co., Chicago, Ill.
Ajax Brick Co., Western av & M. C. R. R., Detroit, Mich.
Ajax Drainage Cons. Corp., 60 Herkimer, Brooklyn, N. Y.
Ajax Electric Tool Co., elec. port. drills, Ludington, Mich.
Ajax Elec'l Spec. Co., Flashlights, St. Louis, Mo.
Ajax Enameling & Fdy. Co., Battle Creek, Mich.
Ajax Fire Engine Wks., 882 3d av, Brooklyn, N. Y.
Ajax Forge Co., 2499 Blue Island av, Chicago, Ill.
Ajax Foundry, archl. iron, 51 Clementine, San Francisco, Cal.
Ajax Fndry. Co., Milwaukee Wis.
Ajax Rubber Co., druggists' & surgical goods, 1796 B'way, New York.
Ajax Hdwe. Mfg. Co., 1100 Military Rd., Buffalo, N. Y.
Ajax Iron Wks., mchsts. & fndrs., Corry, Pa. & Denver, Colo.
Ajax Lubricating Co., 108 S. La Salle, Chicago, Ill.
Ajax Metal Co., babbitt metal, castings, etc., 46 Richmond, Philadelphia, Pa.
Ajax Mfg. Co., agric. implements, 848 Jackson, Pittsburgh, Pa.
Ajax Mfg. Co., bolt & nut machinery, Cleveland, Ohio.
Ajax Oil & Grease Co., 170 W. 65th, New York.
Ajax Paint Co., Indianapolis, Ind.
Ajax Rubber Co., 1796 Broadway, New York.
Ajax Trunk & Sample Case Co., 150 W. 18th, New York.
A. J. Contracting Co., Inc., 101 Park av, New York.
Ajello, Gaetan, architect, 1 W. 34th, New York.
A. & J. Mfg. Co., bicycle parts & sundries, 559 W. Lake, Chicago, Ill.
A. & J. Mfg. Co., hardware specialties, Binghamton, N. Y.
A. & J. Mfg. Co., machinists & founders, Gadsden, Ala.
A. J. Nipple & Pipe Cutting Co., 203 Lafayette, New York.
Akar Ignition Co., ignition apparatus, Wayne Junction, Phila., Pa.
Akerlund & Semmes, Inc., gas producers, 17 Battery pl., N. Y.
Akerly, Hiram A., fire, tin clad doors, etc., 173 Berry, Brooklyn, N. Y.
Akers & Harpham Co., cornices & skylights, Akron, Ohio.
Akersville Roller Mill Co., flour, Akersville, Ky.
Akin-Erskine Milling Co., flour, Evansville, Ind.
Akin, John A., architect, Hopkins, Mo.
Akin, W. F., canned goods, Galena, Mo.
Akro Agate Co., playing marbles, Clarksburg, W. Va.
Akron Belting Co., Akron, Ohio.
Akron Brick & Tile Co., Akron, Ohio.
Akron Cultivator Co., Akron, Ohio.
Akron Equipment Co., rubber tire machy. & molds, Akron, O.
Akron File Co., Akron, Ohio.
Akron Foundry Co., Akron, Ohio.
Akron Fountain Pen Co., Akron, Ohio.
Akron Gas Lamp Co., gasoline lighting systems, Akron, Ohio.
Akron Gear & Engineering Co., Akron, Ohio.
Akron Lumber Co., Akron, Ohio.
Akron Mfg. Co., button mfrs., Akron, N. Y.
Akron Mattress Mfg. Co., Akron, Ohio.
Akron Metal Products Co., stamping works, Akron, Ohio.
Akron Metallic Gasket Co., 142 N. Union, Akron, Ohio. *See adv index at end of book.*
Akron Paving & Plaster Co., masons' & bldr. matl., Akron, O.
Akron Pigment Co., Akron, Ohio.
Akron Roofing Tile Co., Brook, Akron, Ohio.
Akron Rubber Mold & Machine Co., Akron, Ohio.
Akron-Selle Co., wagons & gears, Akron, Ohio.
Akron Smoking Pipe Co., Mogadore, Ohio.
Akron Soap Co., Akron & Youngstown, Ohio.
Akron Steel Casting Co., Akron, Ohio.
Akron Supply Co., masons' & bldrs.' matls., Akron, Ohio.
Akron Varnish Co., Akron, Ohio.
Akron Vitrified Clay Mfg. Co., Akron, Ohio
A. K. Water Heater Mfg. Co., gas water heaters, 2196 Pitkin av, Brooklyn, N. Y.
A. L. A. Mfg. & Supply Co., oils, 72 Trinity pl, New York.
Alabama Brick & Tile Co., Hollywood, Ala.
Alabama Broom & Mattress Co., Huntsville, Ala.
Alabama Charcoal Co., Kansas City, Mo.
Alabama Chemical Co., Montgomery, Ala.
Alabama Co., furnaces, Birmingham, Ala.
Alabama Cooperage Co., Calera, Ala.
Alabama Corn Mills Co., Mobile, Ala.
Alabama Cotton Mills, Speigner, Ala.
Alabama Dry Dock & Shipbuilding Co., Mobile, Ala.
Alabama & Florida Lumber Co., Noma, Fla.
Alabama-Georgia Syrup Co., canners, Montgomery, Ala.
Alabama Graphite Co., Ashland, Ala.
Alabama High Grade Brick Co., Sylacuga, Ala.
Alabama Lime & Stone Co., Paint Rock, Ala.
Alabama Lumber Co., Birmingham & Montgomery, Ala.
Alabama Machinery & Supply Co., mill & facty. supplies, Montgomery, Ala.
Alabama Oil & Guano Co., Opelika, Ala.
Alabama Paving Co., American Trust Bldg., Birmingham, Ala.
Alabama Pipe & Foundry Co., Anniston, Ala.
Alabama Polytechnic Institute, Engng. Schools & Coll., Auburn, Ala.
Alabastine Co., Grandville av, S. W., Grand Rapids, Mich.
Aladdin Co., port. houses, Bay City, Mich.
Alaga Fertilizer Co., Blakeley, Ga.
Alameda Sugar Co., Alaska Commercial Bldg., San Francisco, Cal.
Alamo Construction Co., San Antonio, Tex.
Alamo Engineering & Sup. Co., Omaha, Nebr.
Alamo Farm Light Plant Co., elec. lgt. plants, Omaha, Neb.
Alamo Iron Wks., San Antonio, Tex.
Alamo Mfg. Co., Mchsts. & fdrs., Hillsdale, Mich.
Alamosa Flour Mills, Alamosa, Colo.
Alart & McGuire Co., canned goods, 116 Imlay, B'klyn, N. Y.
Alaska Freezer Co., ice chippers, etc., Winchendon, Mass.
Alaska Oil & Guano Co., fertilizer mfrs., Portland, Ore., & Killisnoo, Alaska.
Alaska Pacific Navigation Co., shipbldrs, Seattle, Wash.
Alaska Packers' Assn., Wells Fargo Bldg., San Francisco, Cal.
Alaska Portland Packers' Assn., canned goods, Portland, Ore.
Alaska Refrigerator Co., Muskegon, Mich.
Alaska Salmon Co., 112 Market, San Francisco, Cal.
Alaska Sanitary Packing Co., canned goods, Seattle, Wash.
Alaska Supply Co., who. h'dwe., Juneau, Alaska.
Alaska Treadwell Gold Mining Co., San Francisco, Cal.
Alba Mfg. Co., chemicals, Aurora, Ill.

Albach, Theo., cornices, 335 E. 133d, New York.
Alban & Lockhart, architects, Endicott Bldg., St. Paul, Minn.
Alban & Prins, architects, Endicott Bldg., St. Paul, Minn.
Alband, John, cornices, Streator, Ill.
Albany Belting & Supply Co., Albany, N. Y.
Albany Billiard Ball Co., Albany, N. Y.
Albany Boat Corp., motor boats, Watervliet, N. Y.
Albany Brass Fdry., Albany, N. Y.
Albany Canning Co., Albany, Wis.
Albany Car Wheel Co., Albany, N. Y.
Albany Casket Co., Albany, N. Y.
Albany Chemical Co., Albany, N. Y.
Albany Felt Co., Albany, N. Y.
Albany Foundry Co., Albany, N. Y.
Albany Hardware & Iron Co., who. hardware, Albany, N. Y.
Albany Hardware Specialty Mfg. Co., drilling machines, concrete mixers, Albany, Wis.
Albany Iron Wks., machts. & fdrs., Albany, Ore.
Albany Knitting Co., sweaters, cardigans, etc., Albany, N. Y.
Albany Lubrg. Co., 708 Washington, New York.
Albany Machine & Tool Co., machinists, Industrial Bldg., Albany, N. Y.
Albany Malleable Iron Co. (Voorheesville), Albany, N. Y.
Albany Mill Supply Co., Albany, Ga.
Albany Paper Products Co., straw board mfrs., Albany, Ind.
Albany Phosphate Co., Albany, Ga.
Albany Rubber Tire Co., packing mfrs., Albany, N. Y.
Albany Sand & Supply Co., Albany, N. Y.
Albany Steam Trap Co., Albany, N. Y.
Albany Warehouse Co., Albany, Ga.
Albany Waste & Metal Co., Albany, N. Y.
Albaugh-Dover Co., cut & worn gears, etc., 2100 Marshall blvd, Chicago, Ill.
Albee & Godfrey Co., archl. iron, Stewart av, Brooklyn, N. Y.
Albee, H. M. & Son, machsts., 201 Sussex av, Newark, N. J.
Albemarle Paper Mfg. Co., Richmond, Va.
Albemarle Products Corp., canned goods, Charlottesville, Va.
Albemarle Stove & Mach. Co., Charlottesville, Va.
Alberene Stone Co., soapstone products, 223 E. 23d, New York.
Alberger Gas Engine Co., 281 Chicago, Buffalo, N. Y.
Alberger Heater Co., Buffalo, N. Y.
Alberger Pump & Condenser Co., pumps and condensers, 140 Cedar, New York.
Albers Bros. Milling Co., flour, farina, cereal foods, Portland, Ore., & Los Angeles, Cal.
Albers & Lorenz, mattresses, 635 E. Water, Milwaukee, Wis.
Albersmeier, Wm. H., architect, Rauh Bldg., Indianapolis, Ind.
Albert & Davidson, second-hand pipe, pipe fitting, etc., 256 Oakland, Brooklyn, N. Y.
Albert & Fischer Hdwe. & Sheet Metal Co., 2524 S. 7th, St. Louis, Mo.
Albert, G. G. & Co., slate, Bangor, Pa.
Albert Gas Fixture Co., 707 3d av, New York.
Albert, L., & Son, scrap rubber, Trenton, N. J.
Albert Lea Construction Co., Albert Lea, Minn.
Albert Lea Packing Co., meat, Albert Lea, Minn.
Albert Lea Tractor & Mfg. Co., Albert Lea, Minn.
Albert, Matt S., contractor, Centralia, Wash.
Alberta Knitting Mills, bathing suit mfrs., sweaters, etc., Lenta & Armat Gtn., Philadelphia, Pa.
Alberts, J. B., leaded glass, 307 1st, Louisville, Ky.
Alberts, W. E. & Son, contractors, 367 Lehigh av, Ptg., Pa.
Albertsoan, Dan J., architect, Kalamazoo, Mich.
Albertson, A. H., architect, Henry Bldg., Seattle, Wash.
Albertson & Co., Inc., valve grinders, Sioux City, Ia.
Albertson, E. J., machsts. & fndrs., Knightstown, Ind.
Albey Bros., straw, binders, & box boards, 149 Meeker av, Newark, N. J.
Albia Box & Paper Co., Troy, N. Y.
Albia Packing Co., meat, Albia, Iowa.
Albina Engine & Mach. Wks., ship bldrs., 28 Albina, Portland, Ore.
Albinson Construction Co., Wilmac Bldg., Minneapolis, Minn.
Albion Bangor Slate Co., Wind Gap, Pa.
Albion Chemical Wks., soap, Albion, Mich.
Albion Knit Goods Co., sweaters, cardigans, etc., Utica, N. Y.
Albion Lumber Co., Albion, & San Francisco, Cal.
Albion Malleable Iron Co., machts. & fndrs., Albion, Mich.
Albion Mfg. Co., asbestos paper mfrs., boiler compounds, Seattle, Wash.
Albion Medina Stone Co., Albion, N. Y.
Albion Milling Co., flour, Albion, Mich. & Albion, Neb.
Albion Shale Brick Co., Albion, Ill.
Albion Superior Slate Co., Wind Gap, Pa.
Albion Tool Co., machsts., Los Angeles, Cal.
Albion Vein Slate Co., rfg. slate mfrs., Bangor, Pa.
Albion Vitrified Brick Co., Albion, Ill.
Albrecht, A., & Co., contractors, Penobscot Bldg., Detroit, Mich.
Albrecht, Chas. R., architects' & engrs.' supplies, 62 Fulton, New York.
Albrecht, Francis J., heaters, & oven bldrs, etc., 1146 Penn av, Pittsburgh, Pa.
Albrecht, Fred'k., wooden kegs, Pratt & Smallwood, Baltimore, Md.
Albrecht, H. & Co., horse collars, 610 Wash'n, St. Louis, Mo
Albrecht, John, contractor, 167 Grace, Buffalo, N. Y.
Albrecht & Meister Co., wall pockets, 80 Fifth av, New York.
Albright, A. A., & Son, contractors, Allentown, Pa.
Albright, A., & Sons, flour mills, Elgin, Ky.
Albright, C. S., contractor, 6040 Hollywood, Los Angeles, Cal.
Albright, Harrison, architect, Laughlin Bldg., Los Angeles, Cal.
Albright Ignition Co., spark plugs, Columbus, Ga.
Albright, J. H., architect, Fort Dodge, Ia.
Albright, J. H., & Sons, agricultural implements, Mifflinburg, Pa.
Albright, Son & Co., pipe bends & coils, Allentown, Pa.
Albright & Stenton, textile machinery supplies, Reading, Pa.
Albro-Clem Elev. Co., 7th & Glenwood, Philadelphia, Pa.
Albro, Lewis C., architect, 2 W. 47th, New York.
Albuquerque Fdry. & Mach. Wks., Albuquerque, New Mexico.
Albuquerque Lumber Co., Albuquerque, New Mexico.
Albus, E. E., architects, 544 E. Market, Louisville, Ky.
Albus & Richardson, architects, 544 E. Market, Louisville, Ky.
Alcania Co., tin plate, Oliver Bldg., Pittsburgh, Pa.
Alcatraz Co., Inc., paint mfrs., 2300 Williamsburg av, Richmond, Va.
Alcemo Mfg. Co., tire cements, 35 Bridge, Newark, N. J.
Alcock, John L. & Co., lumber mfrs., 1 S. Gay, Baltimore, Md.
Alcohol Utilities Co., 27 William, New York.
Alcott, W. K. & Co., hardwood doors, & sash, door & blind mfrs., Washington & 18th, Phila., Pa.
Alcus, S. T. & Co., Ltd., packing box mfrs., Hagan av & New Basin, New Orleans, La.
Aldag, F. W. Co., masons' & bldrs.' matls., E. Washington & Belt, Indianapolis, Ind.
Aldag Paint & Varnish Co., plate glass, Indianapolis, Ind.
Alden, Chas. H., architect, Henry Bldg., Seattle, Wash.
Alden & Harlow, architects, 305 5th av, Pittsburgh, Pa.
Alden & Harris, architects, Exchange bk. Bldg., St. Paul, Minn.
Alden, Henry B., architect, Beverly, Mass.
Alden, Henry B., architect, 15 Exchange, Boston, Mass.
Alden, John, naval architect, 131 State, Boston, Mass.
Alden Lime Co., Clinton, Ia.
Alden Lime Co., Fulton, Ill.
Aldens' Successors (Ltd.), gutta percha, crude rubber, 290 B'way, New York.
Alder, Benj. S., Co., who. hdwe., 30 Warren, New York.
Alder Chemical Co., carriage Top Dressing, Mount Vernon, N. Y.
Alderfer, F. G. & Co., crates, Sharon Center, O.
Alderman, D. W., & Sons Co., lbr., Alcolu, S. C.
Alderman, Geo. P. B. & Co., architects, 439 High, Holyoke, Mass.
Alderman, J. W., lumber, Tarpon Springs, Fla.
Alderson, Mrs. F. M., canned goods, Troutville, Va.
Alderson, Roy, architect, 1131 11th, San Diego, Cal.
Alderson, S. I., lbr. mfrs., Asbury, W. Va.
Aldon Co., rail sawing machy., 3338 W. Ravenswood av, Chicago, Ill.
Aldrich & Aldrich, architects, Galesburg, Ill.
Aldrich, B. W. & Co., snow shovels, Wallingford, Vt.
Aldrich, Benj. F., contractor, Dunkirk, N. Y.
Aldrich, Chas. R., contractor, 3d & Jefferson, Seattle, Wash.
Aldrich, Elbert, cornices, Poughkeepsie, N. Y.
Aldrich, G. A., & Co., masons' & bldrs.' Hillsdale, Mich.
Aldrich, Leander S., architect, Uxbridge, Mass.
Aldrich Mfg. Co., tinware mfrs., Buffalo, N. Y.
Aldrich Paper Co., Watertown, N. Y.
Aldrich Publishing Co., trade publications, 461 8th av, N. Y.
ALDRICH PUMP CO., Allentown, Pa.
See adv. index at end of book.
Aldrich, Wm. K., clamps, screws, Lowell, Mass.
Aldridge, A. E., brick, Dutchess Junction, N. Y.
Aleen, M. W., Construction Co., Walpole, Mass.
Alemite Metals Co., 341 W. Chicago av, Chicago, Ill.
Alert Mills, buckwheat flour, fountain City, Wis.
Alert Pipe & Supply Co. (jobbers), Bay City, & Saginaw, Mich.
Alert Tool Co., knurl holders, 221 N. 23d, Philadelphia, Pa.
Alevoli, G., contractor, 88 Lanark rd, Stamford, Conn.
Alexalite Co., lighting fixtures, 432 E. 23d, New York.
Alexander, A. R., cornices, Portland, Me.
Alexander, Aaron, rural mail boxes, Newfield, N. Y.
Alexander Bros., contractors, Williamson bldg., Cincinnati, O.
ALEXANDER BROS. (leather belting & sole leather), 414 N. 3d, Philadelphia, Pa.
Alexander Bros. Lumber Co., Schofield Bldg., Cleveland, Ohio.
Alexander Car Replacer Mfg. Co., Scranton, Pa.
Alexander City Cotton Mills, Alexander City, Ala.
Alexander & Cox Co., gas engines, 2358 Ogden, Chicago, Ill.
Alexander Crossing Co., Clinton, Ill.
Alexander, D. A., Co., concrete anchors, 272 State, Rochester, N. Y.
Alexander, F. C., contractor, Old South bldg., Boston, Mass.
Alexander, G. M., lumber, Claypool, Ind.
Alexander, G. S., & Co., Inc., chemical brokers, 61 B'way, N. Y.
See adv. index at end of book.
Alexander & Garsed, mill & facty. supplies, Charlotte, N. C.
Alexander, Geo. E., & Son, handles, rakes—garden or lawn, etc., Sunapee, N. H.
Alexander, H., paint mfrs., High Point, N. C.
Alexander, H. N., & Sons, lumber, Greenville, Miss.
Alexander, H. T., & Co., jobbers, oils, 17 Battery pl, New York.
Alexander, J. M., & Co., mill & facty. supplies, Atlanta, Ga.
Alexander, J., Mfg. Co., desk lights, 1931 B'way, New York.
Alexander, James, Constr. Co., Memphis, Tenn.
Alexander, Jas. F., & Son, architects, Lafayette, Ind.

Alexander-Kramer Co., toys, games, etc., Dayton, O.
Alexander, Lester F., & Co., contrs., New Orleans, La.
Alexander Lumber Co., 332 S. Michigan av, Chicago, Ill.
Alexander, M., sash, door & blind mfrs., Joliet, Ill.
Alexander Mfg. Co., garden plows, Ames, Ia.
Alexander Molasses Co., canned goods, 614 W. Austin av, Chicago, Ill.
Alexander, R., furniture, 197 Island av, E., Minneapolis, Minn.
Alexander & Reid Co., tile & mosaics floor, 355 W. 36th, New York
Alexander, Robt., contractor, 130 W. 24th, New York.
Alexander, Shumway & Utz Co., contrs., 16 State, Rochester, N. Y.
Alexander, W. J., masons' & bldrs.' matls., Steubenville, O.
Alexander, Warren, billiard & pool tables, 607 Main, Worcester, Mass.
Alexander Window-Ventilator Mfg. Co., Spartanburg, S. C.
Alexandria Crushed Stone Co., Alexandria, Ind.
Alexandria Fertilizer & Chemical Co., Alexandria, Va.
Alexandria Glass Co., bottles, Alexandria, Va.
Alexandria Halter Factory, Alexandria, O.
Alexandria Iron Works, machst. & fdrs., Alexandria, Va.
Alexandria Iron Works, Evans bldg., Washington, D. C.
Alexandria Lumber Co., Ltd., Alexandria, La.
Alexandria Paper Co., Alexandria, Ind.
Alexandria Preserving Co., canned goods, Alexandria, Ind.
Alexius Bros. & Co., brick, Covington, La.
Alfalfa Meal & Milling Co., flour, Cherokee, Okla.
Alfalfa Products Co., meal, Sunnyside, Wash.
Alfred, A. R., & Son, masons' & bldrs.' matls., Davisboro, Ga.
Alfred Clay Co., terra cotta roofing tile, Alfred Station, N. Y.
Alford, D. C., masons' & bldrs.' matls., Hartwell, Ga.
Alford, H. C., architect, Madison, Wis.
Alford Motor & Machine Co., machts. & fndrs., Goshen, Ind.
Alfred, W. W., architect, Pensacola, Fla.
Alger Clay Mfg. Co., Alger, O.
Alger, Edwin N., architect, Huntington, W. Va.
Alger, Smith & Co., lumber, Penobscot bldg., Detroit, Mich.
Alger-Sullivan Lumber Co., Century, Fla.
Algie, Robt., J., crushel stone, 2249 Broadway, New York.
Algiers Cornice & Plbg. Wks., 157 Delaronde, New Orleans, La.
Algiers Mfg. Co., Ltd., sashes, doors & blinds, 429 Patterson, New Orleans, La.
Algoma Coal & Coke Co., Algoma, W. Va.
Algoma Lbr. Co., Los Angeles, Cal.
Algona Brick & Tile Works, Algona, Iowa.
Algonite Stone Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
Algonquin Co., woolen flannels, Passaic, N. J.
Alhambra Brick & Tile Co., Phoenix, Ariz.
Alhambra Tile Co., Newport, Ky.
Alhin, Victor O., contractor, Joliet, Ill.
Alhorn & Waller, brick, Morganfield, Ky.
Alice Mills, cotton sheetings, Easly, S. C.
Aliceville Oil & Mfg. Co., Aliceville, Ala.
Aliff, E. C., canned goods, Buchanan, Va.
Alignum Fireproof Products Co., asbestos doors, 42 Whitehall, New York.
Alkahn Silk Label Co., 116 W. 32d, New York.
All-American Truck Co., autos, Sacramento blvd, Chicago, Ill.
All Roofing Mfg. Co., 1843 Converse av, E. St. Louis, Ill.
Allaire, P., contrs., Bristol, Conn.
Allaire Woodworkers, toys, games & novelties, Allaire, N. J.
Allan, A., & Son, Babbitt metal mfrs., 6th & Bergen, Harrison, N. J.
Allan, Geo. & Co., contractors, 625 W. 69th, Chicago, Ill.
Allan, Jas. T., architect, Brandeis Theatre Bldg., Omaha, Nebr.
Allan & Newcombe, granite prod., Barre, Vt.
Allaway & Hancox, elec. signs, 5944 S. Halsted, Chicago, Ill.
Allbee, Geo. B. Co., steam fitters' supplies, Bellows Falls, Vt.
Allbright & Lightcap, playing marbles, Ravenna, O.
Allbright-Nell Co., packing house machy., 5323 Western blvd, Chicago, Ill.
Allegan Brick Co., Allegan, Mich.
Allegan Carving Mfg. Co., mission lamps, Allegan, Mich.
Allegan Fdry. & Mach. Co., Allegan, Mich.
Allegany Window Glass Co., Port Allegany, Pa.
Alleger's, E. W., & Son, masons' & bldrs.' matls., Washington, N. J.
Alleghany Ore & Iron Co., Buena Vista, Va.
Allegheny Box Co., 601 Byrd, Richmond, Va.
Allegheny Brick Co., common, 19th, Pittsburgh, Pa.
Allegheny College, engng. school & coll., Meadville, Pa.
Allegheny Forging Co., forgings (automobile, etc.) & alloys, First National Bank Bldg., Pittsburgh, Pa.
Allegheny Foundry Co., Boquet & Grant, Pittsburgh, Pa.
Allegheny Fdry. & Mach. Co., Glassmere, Pa.
Allegheny Lumber Co., Ferguson bldg., Pittsburgh, Pa.
Allegheny Milling Co., flour, Covington, Va.
Allegheny Plate Glass Co., Glassmere, Pa.
Allegheny Steel Band Co., nailing plugs, 886 Main, Pittsburgh, Pa.
Allegheny Steel Co., machts. & fndrs., & rolling mills, Oliver bldg., Pittsburgh, Pa.
Allegheny Steel Tank Car Co., Warren, Pa.
Alleghany Valley Brick Co., Olean, N. Y.
Allegretti Mfg. Co., razor strops, Geneva, N. Y.
Allen, A. & Co., machts., 2001 Carpenter, Phila., Pa.
Allen, A. W., architect, Streator, Ill.
Allen, Albert, machsts., Livermore Falls, Me.
Allen, Alex., vacuum cleaners, 426 Pearl, Buffalo, N. Y.
Allen, Alonzo W., machsts., 2427 Mascher, Phila., Pa.
Allen, Alvan, Brick Co., Wilmington, Del.
Allen Anti-Rust Mfg. Co., paint mfrs., Glenn Bldg., Cincinnati, O.
Allen, Augustus N., architect, 2 W. 45th, New York.
Allen Auto. Spec. Co., inner tube bags, 16 W. 61st, New York.
Allen, B. F., lumber, Tiro, O.
Allen & Bailey Tag Co., Caledonia, N. Y.
Allen-Blaisdell Co., church, lodge & school furniture, 12 Pearl, Boston, Mass.
Allen, Bona, collars, Buford, Ga.
Allen-Bradley Co., motor starters, rheostats, switches, etc., 495 Clinton, Milwaukee, Wis.
Allen Bros., stencils, 55 Cornhill, Boston, Mass.
Allen Bros., machs. & fdrs., Elkader, Ia.
Allen Bros., carriages, Nashville, Tenn.
Allen, C. J., contr., Builders' Exchange, San Francisco, Cal.
Allen, C. M., contractor, 2531 7th av, Birmingham, Ala.
Allen, C. S. Co., contractors, Allston, Boston, Mass.
Allen Chair Co., furniture, Concord Junction, Mass.
Allen, Chas. G. Co., agricultural implements, Barre, Mass.
Allen, Chas. I., faucets, wooden handles & knobs, Pequabuck, Conn.
Allen, Chas. M., excelsior, Fulton, N. Y.
Allen Chemical Co., acid mfrs., Allentown, Pa.
Allen, Claire, architect, Jackson, Mich.
Allen, Clement E., meat packers, Media, Pa.
Allen & Collens, architects, 40 Central, Boston, Mass.
Allen Construction Co., 1413 H., N. W., Washington, D. C.
Allen Crucible Co., 714 50th av, East Oakland, Cal.
Allen & Curtiss Co., boring tools, Mishawaka, Ind.
Allen, D. C., & Co., cornices & skylights, Coldwater, Mich.
Allen, D. S., knives—oyster & clam, Port Lavaca, Tex.
Allen, David E., machsts. & fndrs., Yonkers, N. Y.
Allen Die Block Co., shoe machy., Haverhill, Mass.
Allen-Doane & Co., stencils, 29 Cornhill, Boston, Mass.
Allen, E. Philip & Co., mill & facty. supplies, Atlantic City, N. J.
Allen, Edgar & Co., Ltd., steel mfrs. & imptrs., 718 W. Lake, Chicago, Ill.
Allen, Edmund A., whol. lumber, 133 W. Wash., Chicago, Ill.
Allen, H., Co., exhaust & blow piping, 41 Beverly, Boston, Mass.
Allen Engine Co., derrick irons & fittings, 5315 N. 2d, Phila., Pa.
Allen Engineering & Contr. Co., Netcong, N. J.
Allen, F. H., machinist, Donaldsonville, La.
Allen, F. P., Jr., architect, 520 East, San Diego, Cal.
Allen & Fell, cornices, Wilkes-Barre, Pa.
Allen Filter Co., Toledo, Ohio.
Allen Fdry., Adams, Mass.
Allen Fire Dept. Supply Co., hose clamps & couplings, 159 Aborn, Providence, R. I.
Allen, Frank F., architect, 725 Putman, Fort Wayne, Ind.
Allen, Frank P., & Son, architects, Houseman Bldg., Grand Rapids, Mich.
Allen, Fred A., Sportsman's Specialty Co., duck calls, boat oars, Monmouth, Ill.
Allen, G. W., & Son, architects, Laporte, Ind.
Allen & Garcia Co., contractors, 332 So. Michigan, Chicago, Ill.
Allen, Geo. B., architect, 193 Ashley, Hartford, Conn.
Allen, Geo. C., architect, Berwyn, Pa.
Allen, Geo. R., patterns & models, 13th & Buttonwood, Phila., Pa.
Allen, Geo. W., & Son, La Porte, Ind.
Allen, Glenn, architect, 216 Eddy, San Francisco, Cal., and Plant City, Fla.
Allen, Gordon, architect, 2 West, Boston, Mass.
Allen, H. J. (Est. of), masons & bldrs. matls., Clinton, N. Y.
Allen, H. M., & Co., masons' & bldrs. matls., Billings, Mont.
Allen, H. R., & Co., lumber mfrs., Commerce Bldg., Columbus, Ohio.
Allen, Harris, architect, Oakland, Cal.
Allen, Harris Campbell, architect, 2514 Hillegass av, Berkeley, Cal.
Allen, Hy., chemical glasswe., 138 William, New York.
Allen, Higgins, Wall Paper Co., Worcester, Mass.
Allen & Hinckle, brick & tile, Royalton, O.
Allen Iron & Steel Co., elec. cable hangers, 3d & Venango, Philadelphia, Pa.
Allen, Isaac A., Jr., architect, 904 Main, Hartford, Conn.
Allen, J. & B., sweaters, etc., 4980 Sheldon av, Phila., Pa.
Allen, J. E., architect, 283 Essex, Lawrence, Mass., & Provo City, Utah.
Allen, J. & S., fish line mfrs., Walpole, Mass.
Allen, J. W., spokes, Scottville, Ky.
Allen, J. W., & Co., ice cream freezers, 116 N. Peoria, Chicago, Ill.
Allen, Jas. T., Contr. Co., 8106 Quincy av, Cleveland, O.
Allen & Jemison Co., who. hdwe., Tuscaloosa, Ala.
Allen, Jerome R., architect, 101 Park av, New York.
Allen, Jesse, Lime Co., Burns, Tenn.
Allen, Jno., cornices, Schenectady, N. Y.
Allen, Jno., Co., carbon paper, 17 Rose, New York.
Allen, John D., theatre architect, Heed Bldg., Philadelphia, Pa.
Allen, Jno. F., Co., riveting machines, 370 Gerard av, New York.
Allen, Jno. L., & Bro., advtg. spec., 28 Bremen, Buffalo, N. Y.

Allen, Jos. B., architect, Irvington, N. J.
Allen-Knight Construction Co., 610 S. Broadway, Los Angeles, Cal.
Allen, L. B., Co., soldering flux, etc., 4519 N. Lincoln, Chicago, Ill.
Allen, L. H., wire cloth, Amherst, Mass.
Allen, Lane & Scott, railroad staty., etc., 1211 Clover, Philadelphia, Pa.
Allen, Layton, architect, Lombard Bldg., Indianapolis, Ind.
Allen, Lester, cornices & skylights, Spokane, Wash.
Allen Lumber Co., sashes, doors & blinds, Barre, Vt.
Allen Lumber Co., Berlin, Wis.
Allen, McNerney & Co., horn hair pins, Attleboro, Mass.
Allen, M. M., flour mills, Windle, Tenn.
Allen, M. M., Supply Co., masons' & bldrs.' matls., Newport, Ky.
Allen Machine Co., Cleveland, Ohio.
Allen Machine Co., rubber machines, Erie, Pa.
Allen Machine Wks., Miamisburg, Ohio.
Allen Mfg. Co. (The), safety set screw mfrs., 135 Sheldon, Hartford, Conn. *See adv index at end of book.*
Allen Mfg. Co., horse collars, Lawrenceville, Ga.
Allen Mfg. Co., mchsts. & fndrs., Nashville, Tenn.
Allen Mfg. Co., Ltd., Shreveport, La.
Allen Motor Co., automobile bldrs., Fostoria, Ohio.
Allen, N. R., Sons Co., harness lthr., Kenosha, Wis.
Allen & Nelson Mill Co., lumber, Monohan & Seattle, Wash.
Allen, Neyers & Co., cornices, Rock Island, Ill.
Allen, O. C., lumber, Knoblick, Ky.
Allen, Otis, & Son Co., lbr., Lowell, Mass.
Allen Packing Co., Collingswood, N. J.
Allen Paint & Putty Wks., 334 N. Ashland av, Chicago, Ill.
Allen, Paul R., architect, 35 W. 39th, New York.
Allen, Percy Ira, architect, Cutler Bldg., Rochester, N. Y.
Allen Pitless Scale Co., mchsts. & fndrs., New Castle, Ind.
Allen, R. R., masons' & bldrs.' matls., Suffolk, Va.
Allen & Reed, architects, La Porte, Ind.
Allen & Reed, mill & facty. & steam fitters' supplies, 178 Dorrance, Providence, R. I.
Allen, Robert C., contractor, Park Bldg., Worcester, Mass.
Allen, Robt. T., shipping tags, Jackson, Mich.
Allen, S. L., & Co., agricultural implements, Denckla Bldg., Philadelphia, Pa.
Allen Shade Holder Co., 46 Cornhill, Boston, Mass.
Allen Shipbldg. Co., Seattle, Wash.
Allen-Smith Co., contractors, Niagara Falls, N. Y.
Allen & Son Co., sash cord & sash chain fastener mfrs., 904 Main, Hartford, Conn.
Allen-Sparks Gas Light Co., Lansing, Mich.
Allen Spool & Printing Co., tex. machy., supplies, etc., Mystic, Conn.
Allen, T. B., flour mills, Brundidge, Ala.
Allen, Thompson, contractors, Woodbury, N. J.
Allen, Truman A., architect, 860 Dewey av, Rochester, N. Y.
Allen Typewriter Co., Allentown, Pa.
Allen, W. D., heating contractor, Seattle, Wash.
Allen, W. D., Mfg. Co., mill & facty., steamfitters' supplies, 566 W. Lake, Chicago, Ill.
Allen, W. H. & G. W., who. hdwe., 113 Market, Philadelphia, Pa.
Allen, W. H., Jr., steel structural dirs., 110 State, Boston, Mass.
Allen, W. M., Son & Co., contractors, Peoria, Ill.
Allen, W. R., contractor, Pittston, Pa.
Allen, Wm., architect, Kaysville, Utah.
Allen, Wm. A., Co., lbr., Portland, Me.
Allen, Wm. H., architect, 82 Church, New Haven, Conn.
Allen, Wm., Sons Co., boilers, heaters, etc., Green, Plymouth & Washington, Worcester, Mass.
Allen, Wilson E., architect, Belmar, N. J.
Allen Wrench & Tool Co., wrench & tool mfrs., 754 Eddy, Providence, R. I.
See adv index at end of book.
Allendale Cotton Oil & Fertilizer Co., cottonseed meal, Allendale, S. C.
Allendorf Co., lenses, Cleveland, Ohio.
Allen's, S., Sons, mill & facty. supplies, Greenfield, Mass.
Allenson Bros., tin cylinders, 9 Steeple, Providence, R. I.
Allentown Bobbin Works, bobbin mfrs., Allentown, Pa.
Allentown Boiler Works, Allentown, Pa.
Allentown Construction Co., Allentown, Pa.
Allentown Experimental Works, models, Union & So. 3rd, Allentown, Pa.
Allentown Mfg. Co., paint, Allentown, Pa.
Allentown Portland Cement Co., Allentown, Pa.
Allentown Reed, Harness & Mill Supply Co., Allentown, Pa.
Allentown Spinning Co., jute, Allentown, Pa.
Allentown Testing Laboratory, chemists, Allentown, Pa.
Allers, Harry A., metal polish, Emerson Bldg., Baltimore, Md.
Allerton-Clarke Co., who. hdwe. mfrs.' agents, 74 W. Lake, Chicago, Ill.
Alliance Brass & Bronze Co., castings, Alliance, Ohio.
Alliance Brick Co., Alliance, Ohio.
Alliance Chemical Co., sulphur colors, 176 Federal, Boston, Mass.
Alliance Clay Product Co., Alliance, Ohio.
Alliance Co., plumbers' sanitary earthenware mfrs., 1924 Clybourn av, Chicago, Ill.
Alliance Fertilizer Co., Alliance, Ohio.
Alliance Foundry Co., Canton, Ohio.
Alliance & Industrial Mfg. Co., fertilizer mfrs., Ellerson, Va.
Alliance Iron & Metal Co., scrap rubber, Alliance, Ohio.
Alliance Machine Co., traveling cranes, Alliance, Ohio.
Alliance Mfg. Co., auto. wood bodies, carriages, Streator, Ill.
Alliance Milling Co., flour, Denton, Texas.
Alliance Preserving Co., Ridgely, Md.
Alliance Rice Milling Co., Houston, Texas.
Alliance Spec. Mfg. Co., desk tele. brackets, Lakewood, Ohio.
Alliance Structural Co., structural mills, Alliance, Ohio.
Alliance Vitreous China Co., Alliance, Ohio.
Alliance Window Glass Co., window glass mfrs., Salem, W. Va.
Allied Sugar Machy. Corp., 120 Broadway, New York.
Alliger Box & Lbr. Co., North Tonawanda, N. Y.
Allin Mach. Wks., Helena, Ark.
Alling & Cory Co., envelopes, adding mach. rolls, Rochester, N. Y.
Alling Rubber Co., mill & factory supp., Hartford, Conn.
Alling, Wm. H., Co., dock bldrs., New Haven, Conn.
Allington & Curtis Mfg. Co., mchsts. & fndrs., 18 L., Boston, Mass., and Saginaw, Mich.
Allino Switch Box Mfg. Co., St. Louis, Mo.
Allinson, Geo. A., architect, Burlington, N. J.
ALLIS-CHALMERS MFG. CO., mfs. all kinds of machinery, Milwaukee, Wis. *See adv index at end of book.*
Allison, A. W., architect, 748 Glenn av, Wilkinsburg, Pa.
Allison & Allison, architects, Hibernian Bldg., Los Angeles, Cal.
Allison, B. J., & Co., brick, Haverstraw, N. Y.
Allison Bros., soap & soap powders, Middletown, Conn.
Allison, Chas. B., Jr., architect, Jenkins Bldg., Pittsburgh, Pa.
Allison Co., welders' rings, Chester, Pa.
Allison Contracting Co., 109 N. Dearborn, Chicago, Ill.
Allison Coupon Co., books, Indianapolis, Ind.
Allison & Doughty, stock mirrors & window glass, 200 Greene, New York.
Allison & Goldbeck, contractors, 109 N. Dearborn, Chicago, Ill.
Allison, J. E., flour mills, Talladega, Ala.
Allison Lumber Co., Bellamy, Ala.
Allison, R. W., patterns & models, Dayton, Ohio.
Allison, S., & Son, stone, 1354 Palmetto, Los Angeles, Cal.
Allison, T. F. & T. E., fertilizer mfrs., Lavonia, Ga.
Allison & Hadaway Corp., lamps, 42 W. 39th, New York.
Allison & Vervalen Coal & Lumber Co., masons' & bldrs.' matls., Haverstraw, N. Y.
Allison, W. D., Co., massage vibrators, Indianapolis, Ind.
Allison, Wm., machsts., Punxsutawney, Pa.
Allison & Wood, brick, Haverstraw, N. Y.
Allith-Prouty Co., automobile tire locks & hdwe. mfrs., Danville, Ill.
Allivine Co., canned goods, Norma, N. J.
Allman Gas Engine & Mach. Co., 461 Canal, New York.
Allman, N. R., & Sons, sashes, doors & blinds, Garrett, Ind.
Allmendinger, Louis, architect, 20 Palmetto, Brooklyn, N. Y.
Allmetal Weatherstrip Co., 224 W. Madison, Chicago, Ill.
Allmur Mfg. Co., elec. cooking app., Janesville, Wis., & Marion, Ind.
Alloy Steel Forging Co., Carnegie, Pa.
Alloy Steel Products Corp., iron & steel products, 30 Church, New York. *See adv index at end of book.*
Alloyed Metal & Mfg. Co., alum. castings, 2337 Pope & Newstead avs, St. Louis, Mo.
Allred, Wm. P., Jr., architect, Fergusson Bldg., Duluth, Minn.
Allright Mfg. Co., closet seats, Rural Hall, N. C.
Allsteelequip Co., steel fcty. equip., Aurora, Ill.
Allward-Bownan Glass Co., Des Moines, Ia.
Allwood, J. R., & Son, cornices, 39 Marshall, Newark, N. J.
Allwood Lime Co., 30 N. Dearborn, Chicago, Ill.
Allyndale White Marble & Lime Co., Hartford, Conn.
Allyn & Quinn, contractors, E. 50th & 56th av, S. E., Portland, Ore.
Allyne Brass Fndry Co., 207 Crawford, Detroit, Mich., & Buffalo, N. Y.
Allyne-Ryan Foundry Co., castings, Aetna rd & E. 91st, Cleveland, Ohio.
Alma Lumber Co., Alma, N. C.
Alma Mfg. Co., pearl buttons, 661 S. Monroe, Baltimore, Md.
Alma Standard Foundry Mfg. Co., Alma, Mich.
Almand, A. J., masons' & bldrs.' matls., Lithonia, Ga.
Almand, John Parks, architect, Little Rock, Ark.
Almar Mfg. Co., elec. light fix. mfrs., 47 W 34th, New York.
Almeda Canning Co., Wellston, Ohio.
Almetal Mfg. Co., 7227 Manchester av, St. Louis, Mo.
Almion Engng. & Contr. Co., 25 Church, New York.
Almirall & Co., htg. contrs., 1 Dominick, New York, & 53 W. Jackson blvd., Chicago, Ill.
Almirall, Raymond F., & Cusachs, architects, 12 E. 46th, New York.
Almiroty, Randolph H., architect, 220 5th av, New York.
Almond, David, machst., 88 Warren, Newark, N. J.
Almond Mfg. Co., drilling machines, 1516 E. 32d, Cleveland, O.
Almond Roller Mills (O. Culver), buckwheat flour, Almond, Wis.
Almond, T. R., Mfg. Co., machsts. & fndrs, chucks, table lamps, etc., Ashburnham, Mass.
Almont Mfg. Co., mchsts. & fndrs., Almont, Mich.
Almorth, G. A., draughting tables, New Haven, Conn.
Almquist, Carl M., architect, 35 S. Dearborn, Chicago, Ill.
Almy, Arthur Lewis, architect, 42 Weybosset, Providence, R. I.
Almy & Son, mchsts & fndrs., Trumansburg, N. Y.

Almy Water Tube Boiler Co., 184 Allens av, Providence, R. I.
Almyra Mach. Works, Almyra, Ark.
Aloe, A. S., Co., scientific instruments, 621 Olive, St. Louis, Mo.
Aloha Lumber Co., Aloha, Wash.
Alpena Excelsior Co., Alpena, Mich.
Alpena Woolen Mills Co., woolen blankets, Alpena, Mich.
Alperin, H. J., Co., sad irons, 720 Euclid av, Cleveland, Ohio.
Alpert, M., & Son, scrap iron & steel, New Haven, Conn.
Alpert Woodworking Co., sash, door & blind mfrs., 410 Snediker av, Brooklyn, N. Y.
Alpeter, Hall & Alpeter Co., contractors, Ferguson Bldg., Los Angeles, Cal.
Alpha Brick & Holding Co., Glasco, N. Y.
Alpha Brush Co., Troy, N. Y.
Alpha Electric Co., jobbers elec. materials, 116-18 W. 29th, New York.
Alpha Hdwe. & Supply Co., Grass Valley & Nevada City, Cal.
Alpha Lamp Co., 113 Grant av, Harrison, N. J.
Alpha Portland Cement Co., Easton, Pa.
Alphaduct Co., conduits, 136 Cator av, Jersey City, N. J.
Alpine Evaporated Cream Co., canners, Gonzales, Cal.
Alpine Safe & Lock Co., 911 Freeman av, Cincinnati, Ohio.
Alpine Woolen Mills, Mount Airy, N. C.
Alpirn, A. B., scrap iron, Omaha, Neb.
Algonquin Slate Products Co., Worcester, Mass.
Already Box Co., Danville, Ill.
Alschuler, Alfred S., architect, 28 E. Jackson blvd, Chicago, Ill.
Alsen's Am. Portland Cement Wks., 277 B'way, New York.
Alsing, J. R., drug, ball & pebble mills, 75 Guernsey, B'klyn, N. Y.
Alsop, M. M., architect, Clarksdale, Miss.
Alsop & Peirce, contractors & engineers, Newport News, Va.
Alson Process Co., cotton ginning & flour mill machy., St. Louis, Mo.
Alspaugh Cotton Mills, Taylorsville, N. C.
Alsteel Mfg. Co., baling presses, Battle Creek, Mich.
Alston & Hoggan, contractors, Contl. Nat. Bk. Bldg., Salt Lake City, Utah.
Alston Lucas Paint Co., 1029 Currier, Chicago, Ill.
Alston Saw & Steel Co., hack saw blades, Folcroft, Pa.
Alsup, J. D., architect, James Bldg., Chattanooga, Tenn.
Alt Box Mfg. Co., 174 Carroll, St. Louis, Mo.
Alt, Fred, mchst. & fndr., Effingham, Ill.
Alta Glass Beveling Wks., 1781 Mission, San Francisco, Cal.
Altamaha Fertilizer Co., Vidalia, Ga.
Altamaha Woodworking Co., Darien, Ga.
Altavista Fndry. Co., Altavista, Va.
Altemus, Jacob K., mchst., 2824 N. 4th, Philadelphia, Pa.
Altenberg, George H., Lumber Co., Dancy, Wis.
Altender, Theo., & Son, draftsman's tools, 945 Ridge av, Philadelphia, Pa.
Alter, C. A., cornices, Indiana, Pa.
Alter Light Co., mantles, 430 S. Green, Chicago, Ill.
Alter Motor Car Co., Plymouth, Mich.
Alterson, L., & Co., shoe buckles, 461 8th av, New York.
Althaus, Jacob, & Co., contractors, 810 Olive, St. Louis, Mo.
Althouse Bros., brick, Sycamore, Ohio.
Althouse & Jones, architects, Mansfield, Ohio.
Althouse, S. W., & Son, brick, Marseilles, Ohio.
Althouse-Wheeler Co., agricultural implements, Waupun, Wis.
Altieri Bros., contractors, 145 Bishop, Waterbury, Conn.
Altieri Const. Co., Inc., 888 E. Tremont av, New York.
Altieri, M., & Sons, crushed stone, 363 Concord av, New York.
Altizer Elevator Co., 609 N. La Salle, Chicago, Ill.
Altland, Alfred D., hammock mfrs., Dillsburg, Pa.
Altman, B., soap, 325 W. 21st, New York.
Altman, Harry W., architect, Uniontown, Pa.
Alto Construction Co., contractors, Utica, N. Y.
Alton Box Board & Paper Co., Alton, Ill.
Alton Brick Co., Alton, Ill.
Alton Brick Co., Chemical Bldg., St. Louis, Mo.
Alton Bldrs. Supply Co., Alton, Ill.
Alton Canning Co., Alton, Ind.
Alton Lumber Co., Buckhannon, W. Va.
Altoona Brick Co., Altoona, Pa.
Altoona Cement Co., Altoona, Kans.
Altoona Coal & Coke Co., Altoona, Pa.
Altoona Concrete Constr. & Supply Co., Altoona, Pa.
Altoona Iron Co., Altoona, Pa.
Altoona Packing Co., Altoona, Wash.
Altorfer Bros. Co., clothes washing machines, Peoria, Ill.
Altshuler Bros., umbrella mfrs., 381 B'way, New York.
Alumalux Co., aluminum solder, Sidney, Ohio.
Alumina Shale Brick Co., Bradford & Lewis Run, Pa.
Alumina Soapalite Co., 625 3rd, San Francisco, Cal.
Aluminum Castings Co., fndrs., Cleveland, O.
Aluminum Co. of America, Oliver Bldg., Pittsburgh, Pa.
See adv index at end of book.
Aluminum Container Corp., metal nov. & spec., Fulton, N. Y.
Aluminum Cooking Utensil Co., New Kensington, Pa.
Aluminum Flake Co., Akron, Ohio.
Aluminum Fdry. Co., Sebring, Ohio.
Aluminum Goods Mfg. Co., aluminum kitchen ware, Manitowoc, Wis.
Aluminum Mfg. Co., Des Moines, Ia.
Aluminum Ore Co., East St. Louis, Ill.
Aluminum Products Co., La Grange, Ill.
Aluminum Sign Co., Kewaunee, Wis.
Aluminum Specialty Co., small metal specialties, Manitowoc, Wis.
Aluminum Ware Mfg. Co., Inc., hollow ware, Elmira, N. Y.
Aluminite Mfg. Co., 27 4th av, New York.
Alva Roller Mills, flour, Alva, Okla.
Alvey-Ferguson Co., conveyors, 70 North av, Oakley, Cincinnati, Ohio.
Alvey Mfg. Co., chain conveyors, etc., 3201 S. B'way, St, Louis, Mo.
Alvin Mfg. Co., table silverware, Sag Harbor, N. Y.
Alvord Reamer & Tool Co., Millersburg, Pa.
Alvord & Burdick, consulting engrs., 8 S. Dearborn, Chicago, Ill.
Alward, B. R., flour mills, Camden, Mich.
Alwine Bros. Brick Co., New Oxford, Pa.
Amalgamated Cornice Roofing Co., 161 Broome, New York.
Amalgamated Gum Co., casein, Troy, N. Y.
Amalgamated Machy. Corp., 72 W. Adams, Chicago, Ill.
Amalgamated Motors Corp., Alhambra, Cal.
Amalgamated Oil Co., Pac. Elec. Bldg., Los Angeles, Cal.
Amalgamated Paint Co., Pier 11, N. R., New York.
Amalgamated Roofing Co., 431 S. Dearborn, Chicago, Ill.
Amalgamated Sugar Co., Ogden, Utah.
Aman & Sandmann, packing box mfrs., 18 W. McMicken av, Cincinnati, Ohio.
Amana Society, blankets, Amana, Iowa.
Amarillo Broom Co., Amarillo, Texas.
Amarillo Hardware Co., wholesale, Amarillo, Texas.
Amberg File & Index Co., 1400 Fulton, Chicago, Ill.
Amberg, Louis, & Son, children's vehicles, dolls, 101 E. 16th, New York.
Amberson, R. T., flour, London, Texas.
Ambler-Davis Co., contractors, Harrison Bldg., Philadelphia, Pa.
Ambler, Edwin P., heating contr., 2822 La Salle, St. Louis, Mo.
Ambler, H. C., Contracting Co., masons' & bldrs.' matls., 3717 Old York rd, Philadelphia, Pa.
Ambler Saw Mfg. Co., hand & circular saws, filing, brazing & setting machines, Natick, Mass.
Amboy Paper Co., cardboard, Bridgeport, Pa.
Amboy Products Co., canned goods, Amboy, Ill.
Amboy Wks., electric & gas light portables, Perth Amboy, N. J.
Ambroid Co., varnish mfrs., 227 Miller av, Brooklyn, N. Y.
Ambrose, C. P., & Bro., cornices & skylights, Berkeley Springs, W. Va.
Ambrose, F. O., mill & facty. supplies, Janesville, Wis.
Ambrose, J. A., masons' & bldrs.' matls., Lawrenceville, Ga.
Ambrose, J. T., canned goods, Oakland, W. Va.
Ambrose, Mach. Co., Provost & Eagle, Brooklyn, N. Y.
Ambrose, Thomas B., hardware, wholesale, Nashua, N. H.
Ambursen Const. Co., wire rope tramways, 61 B'way, New York.
Amendt Milling Co., flour, Monroe, Mich.
Ament, H. B., iron glue, Louisville, Ky.
America Htg. & Supply Co., Rockford, Ill.
Am. Abrasive Metals Co., 50 Church, New York.
Am. Adding Mach. Co., Mills Bldg., San Francisco, Cal.
Am. Agricult. Chemical Co., fertilizer mfrs., 2 Rector, New York.
Am. Air Compressor Wks., 26 Cortlandt, New York.
Am. Alkali & Acid Co., Bradford, Pa.
Am. Alloys Co., metals, Baltimore, Md.
Am. Aluminum Mfg. Co., Lemont, Ill.
Am. Aluminum Ware Co., 374 Jeliff av, Newark, N. J.
Am. Aniline Products, Inc., aniline colors & dyes, 80 5th av, New York.
Am. Antiformin Co., disinfectants, 38 Water, New York.
Am. Appliance Co., lamps, Indianapolis, Ind.
Am. Appraisal Co., setting valuations, Stroh Bldg., Milwaukee, Wis.
Am. Arch. Co., loco. brick arches, etc., 30 Church, New York.
Am. Architect, trade publications, 243 W. 39th, New York.
Am. Archl. Iron Wks., E. Boston, Boston, Mass.
Am. Aromatic Disinfector Co., 428 Walnut, Philadelphia, Pa.
Am. Art Bronze Fdry., 4921 W. Lake, Chicago, Ill.
Am. Art Metal Wks., bronze doors, 13 Grace, San Francisco, Cal.
Am. Art Papier Mache Wks., Irving Pk. Bldg., Chicago, Ill.
Am. Art Sign Co., 201 37th, Brooklyn, N. Y.
Am. Art Works, Coshocton, Ohio.
Am. Artisan, trade publications, 910 S. Michigan av, Chicago, Ill.
Am. Asbestos Co., Norristown, Pa.
Am. Asbestos & Mfg. Co., 58 Sutter, San Francisco, Cal.
Am. Asphalt Assn., asphalt miners, St. Louis, Mo.
Am. Auto Accessories Co., 410 Gulow, Cincinnati, O.
Am. Auto Top Mfg. Co., 1451 Wash. blvd., Chicago, Ill.
Am. Automatic Scale Co., 448 Huffman, av, Dayton, O.
Am. Autopress Co., printing press mfrs., 261 W. 36th, New York.
Am. Automatic Mach. Co., self-closing cocks & bibbs, 22 Lovering, Boston, Mass.
Am. Auxiliary Heating Co., 6 Beacon, Boston, Mass.
Am. Axe & Tool Co., Glassport, Pa.
Am. Axle Works, 12th & Montgomery av, Philadelphia, Pa.
Am. Badge Co., advtg. nov. & spec., 143 W. Austin av, Chicago, Ill.
Am. Bag & Burlap Co., Boston, Mass.
Am. Bag Co., dlrs. in bags, burlap & twine, 3rd & Harrison, Oakland, Cal.
Am. Bag Co., Memphis, Tenn.
Am. Bakers Machy. Co., 2121 N. 9th, St. Louis, Mo.

Am. Balance Valve Co., Jersey Shore, Pa.
Am. Ball Chain Wks., 12 Wooster, New York.
Am. Ball Co., ball bearings, steel balls mfrs., 115 Clifford, Providence, R. I.
Am. Ball Valve & Mfg. Co., 578-80 Franklin, Detroit, Mich.
Am. Ballast Co., powdered limestone, Holston Nat. Bk. Bldg., Knoxville, Tenn.
Am. Bank Protection Co., alarms, 1201 S. 3rd, Minneapolis, Minn.
Am. Bar Lock Co., vault & sidewalk lights, Borden av, Long Island City, N. Y.
Am. Battery Co., 1132 Fulton, Chicago, Ill.
Am. Bauxite Co., Oliver Bldg., Pittsburgh, Pa.
Am. Beauty Stove Co., Erie, Pa.
Am. Bed Co., 18th & Pk. av, St. Louis, Mo.
Am. Bedding Co., Superior, Wis.
Am. Beet Sugar Co., Denver, Colo.
Am. Bell & Foundry Co., Northville, Mich.
Am. Belting Co.'s., 1609 Gough, Baltimore, Md.
Am. Belting & Tanning Co., 135 Oliver, Boston, Mass.
Am. Billiard Table & Saloon Fixture Co., 924 McLean av, Cincinnati, Ohio.
Am. Bitumastic Enamels Co., preservative paint mfrs., 17 Battery pl, New York.
Am. Blacksmith Co., trade publications, 775 Main, Buffalo, N. Y.
Am. Blakeslee Mfg. Co., engines, Birmingham, Ala.
Am. Blakeslee Mfg. Co., fruit & vegetable packages, veneer cutting machy., gas engines, etc., Birmingham, Ala.
Am. Blank Book Mfg. Co., 150 Lafayette, New York.
Am. Blind Stitch Mach. Co., 325 Lafayette, New York.
Am. Blower Co., mchsts. & fndrs., 1400 Russell, Detroit, Mich.
Am. Blue Print Co., 30 E. 42d, New York.
Am. Blue Print Paper Co., drawing materials, 335 Plymouth ct, Chicago, Ill.
Am. Blue Stone Co., Warsaw, N. Y.
Am. Boat Co., motor boat, Detroit, Mich.
Am. Body Co., auto. bodies, 1257 Niagara, Buffalo, N. Y.
Am. Boiler Wks., Erie, Pa.
Am. Bolt Co., Birmingham, Ala.
Am. Bolt & Screw Case Co., Dayton, Ohio.
Am. Bonding Co. of Baltimore, insurance, Fidelity Bldg., Baltimore, Md.
Am. Boron Products Co., copper alloy mfr., 686 Court, Reading, Pa.
Am. Bottle Cap Mfg. Co., 53 E. Illinois, Chicago, Ill.
Am. Bottle Co., 38 S. Dearborn, Chicago, Ill.
Am. Bottle Co., Massillon, Ohio.
Am. Bottle Co., Newark, Ohio.
Am. Box Ball Co., bowling alley bldrs., 1545 Vanburen, Indianapolis, Ind.
Am. Box Board Co., Grand Rapids, Mich.
Am. Box Co., packing box, 1932 W. 3d, Cleveland, Ohio.
Am. Box & Lumber Co., Nashua, N. H., and Norfolk, Va.
Am. Brake Co., 1932 N. B'way, St. Louis, Mo.
Am. Brake Shoe & Fndry. Co., 30 Church, New York.
AMERICAN BRASS CO., brass, copper & German silver in the form of sheets, rolls, wire, rods & tubes, mfrs., Waterbury, Conn.
Am. Brass & Copper Co., 138 Lafayette, New York.
Am. Brass Fix. Wks., machsts., 66 Greenpoint av, B'klyn, N. Y.
Am. Brass Fndry. Co., Milwaukee, Wis.
Am. Brass & Glass Co., elec. & gas light fixtures, 190 N. La Salle, Chicago, Ill.
Am. Brass & Iron Co., machsts. & fndrs., castings, etc., Crystal & Trombly, Detroit, Mich.
Am. Brass Mfg. Co., cocks, stops & waste, 1521 E. 49th, Cleveland, Ohio.
Am. Brass Mfg. Co., fndrs., 731 Folsom, San Francisco, Cal.
Am. Brass Novelty Co., plumbers' supplies, Grand Haven, Mich.
Am. Brass & Plating Wks., Louisville, Ky.
Am. Brass Products Co., forgings, stampings & specialties, Pottstown, Pa.
Am. Bread & Pastry Board Co., Cambridge, Ohio.
Am. Briar Pipe Co., 170 W. Randolph, Chicago, Ill.
Am. Brick Co., Berlin, Conn.
Am. Brick Co., common brick, Scranton, Pa.
Am. Brick & Tile Co., Mason City, Ia., and Oklahoma City, Okla.
Am. Bridge Co., bridge bldg., steel structl. wk., etc., 30 Church, New York.
Am. & British Mfg. Co., motor fire engines, steel projectiles, etc., Charles, Providence, R. I.
Am. Bronze Co., bearings, bushings, castings, bronze, Berwyn, Pa.
Am. Bronze Co., fndrs., Buffalo, N. Y.
Am. Bronze Powder Mfg. Co., 16 Warren, New York.
Am. Broom & Brush Co., Amsterdam, N. Y.
Am. Broom Mfg. Co., Short & Edenburg, New Orleans, La.
Am. Broom Supply Co., St. Louis, Mo.
Am. Brush Corp., 1222 W. Madison, Chicago, Ill.
Am. Buckle Co., West Haven, Conn.
Am. Buffalo Robe Co., Buffalo, N. Y.
Am. Bldg. Brick Co., 3639 W. 56th, Cleveland, Ohio.
Am. Bldg. Fdry. Co., 2300 S. Springfield av, Chicago, Ill.
Am. Buncher Mfg. Co., Oliver & Harding, Indianapolis, Ind.
Am. Bureau of Inspection, inspecting & testing engineers, Monadnock Blk., Chicago, Ill.
Am. Butter Cutting Mach. Co., Elmsford, N. Y.
Am. Button Co., 70 Morris av, Newark, N. J.
Am. Button Wks., 312 7th av, New York.
Am. Cabinet Co., dental furn., Two Rivers, Wis.
Am. Calk Co., steel toe-calks, 1217 Forest, Detroit, Mich.
Am. Camphor Refining Co., 14 Fulton, Boston, Mass.
Am. Can Co., 120 B'way, New York. *See adv index at end of book.*
Am. Car Co., 1518 S. Vandeventer av, St. Louis, Mo.
Am. Car & Foundry Co., car supplies, machsts. & fndrs., ship bldrs., etc., Syndicate Trust Bldg., St. Louis, Mo.
Am. Car Sprinkler Co., Worcester, Mass.
Am. Carbolite Co., calcium carbide, Duluth, Minn.
Am. Carbon & Battery Co., E. St. Louis, Mo.
Am. Carbonic Machinery Co., ice & refrigerating machines, Grand Rapids, Wis.
Am. Card Clothing Co., Worcester, Mass.
Am. Carpenter & Bldr. Publishing Co., 1827 Prairie av, Chicago, Ill.
Am. Carpet & Upholstery Journal, 421 Chestnut, Phila., Pa.
Am. Carrara Marble Co., Los Angeles, Cal.
Am. Carriage Co., 1275 Budd, Cincinnati, Ohio.
Am. Carriage Co., Kalamazoo, Mich.
Am. Carton Sealing Mach. Co., 1060 W. Harrison, Chicago, Ill.
Am. Cash Register Co., Saginaw, Mich.
Am. Casket Co., 519 Broome, New York.
Am. Cast Iron Pipe Co., Birmingham, Ala.
Am. Castings & Mfg. Corp., castings, letters & figures, seals, etc., Brooklyn, N. Y.
Am. Casting Co., fndrs., cast iron pipe, culverts, etc., Birmingham, Ala.
Am. Casting & Mfg. Corp., 30 Main, Brooklyn, N. Y.
Am. Cement Mach. Co., Keokuk, Ia.
Am. Cement & Plaster Co., Blue Rapids, Kans.
Am. Cement Plaster Co., Lawrence, Kans.
Am. Cement Tile Mfg. Co., Oliver Bldg., Pittsburgh, Pa.
Am. Cereal-Coffee Co., cereal foods, 18 E. Kinzie, Chicago, Ill.
Am. Cereal Co., 17 Battery pl, New York.
Am. Chain Co., chain mfrs., Bridgeport, Conn.
Am. Chemical Co., 640 Carr, Cincinnati, Ohio.
Am. Chemical & Dyestuff Co., 97 Oliver, Boston, Mass.
Am. Chemical & Mfg. Co., paint mfrs., Norfolk, Va.
Am. Chemical & Mining Co., polish, Atlanta, Ga.
Am. Chemical Paint Co., 1126 S. 11th, Philadelphia, Pa.
Am. Chime Clock Co., 1665 Ruffner, Philadelphia, Pa.
Am. Circular Loom Co., interior conduits, 90 West, New York, and Boston, Mass.
Am. City, trade publications, 154 Nassau, New York.
Am. Clay Co., Terre Haute, Ind.
Am. Clay Machinery Co., S. 5 Walnut, Bucyrus, Ohio.
Am. Clay Products Co., 175 5th av, New York.
Am. Clay Products Mfg. Co., potteries, Stillwater, Minn.
Am. Clip Co., filing devices, Beebe av, Long Island City, N. Y.
Am. Clothes Dryer Co., 224 W. 26th, New York.
Am. Coal Chute Co., 14 Buffington av, Newark, N. J.
Am. Coast Co., contractors, Atlantic City, N. J.
Am. Coating Mills, cardboard, boxboard, etc., Elkhart, Ind.
Am. Coil Co., Foxboro, Mass.
Am. Cold Japan Co., paint mfrs., Pittsburgh, Pa.
Am. Collapsible Tube Corp., 1012 Clinton, Hoboken, N. J.
Am. Color Co., dyes, Indianapolis, Ind.
Am. Column Co., steel columns, Battle Creek, Mich.
Am. Column & Lumber Co., St. Albans, W. Va.
Am. Commercial Corp., bags, baskets, etc., 120 B'way, New York.
Am. Compound Co., case hardening compounds, 469 Atlantic av, Boston, Mass.
Am. Compound Door Co., hardwood doors, 2031 S. Morgan, Chicago, Ill.
Am. Compressor & Pump Co., 801 E. Pratt, Baltimore, Md.
Am. Computing Co., cheese cutters, Indianapolis, Ind.
Am. Concrete Co., 166 Georgia, Buffalo, N. Y.
Am. Concrete Filler Co., Hippodrome Annex, Cleveland, Ohio.
Am. Concrete Steel Co., 27 Clinton av, Newark, N. J.
Am. Conduit Co., East Chicago, Ind.
Am. Conduit Mfg. Co., Keystone Bldg., Pittsburgh, Pa.
Am. Construction Co., dams, bulkheads, breakwaters, etc., Rockefeller Bldg., Cleveland, Ohio.
Am. Contrg. Co., Title Guaranty Bldg., St. Louis, Mo.
Am. Contractor Publishing Co., 6 N. Mich., Chicago, Ill.
Am. Conveyor Co., 3017 La Salle, Chicago, Ill.
Am. Cooperage Co., Helena, Ark.
Am. Copper & Brass Wks., copper floats, pans, stills, tanks, etc., Cincinnati, Ohio.
Am. Cork Co., 16 Blackstone, Boston, Mass.
Am. Corn Mill Co., Winston-Salem, N. C.
Am. Cornice Works, 966 E. 4th, Los Angeles, Cal.
Am. Cornice Wks., 3 Charles, Providence, R. I.
Am. Cotter Pin Co., Park Bldg., Pittsburgh, Pa.
Am. Cotton Mills, cheese cloth, 70 Franklin, New York.
Am. Cotton Oil Co., 65 B'way, New York.
Am. Crayon Co., 1300 Hayes av, Sandusky, Ohio.
See adv index at end of book.
Am. Creosote Works, Southport, New Orleans, La.
Am. Creosoting Co., 401 W. Main, Louisville, Ky.
Am. Creosoting Co., creosoting works, 17 Battery pl, New York.

Am. Cuckoo Clock Co., 1665 Ruffner, Wayne Junction, Philadelphia, Pa.
Am. Culvert Co., steel coal bins, Albert Lea, Minn.
Am. Cut Glass Co., Lansing, Mich.
Am. Cutlery Co., 764 Mather, Chicago, Ill.
Am. Cyanamid Co., Nashville, Tenn.
Am. Cyanamid Co., chemicals, 511 5th av, New York.
Am. Die Casting Co., Indianapolis, Ind.
Am. Die & Tool Co., manufacturing machinists, Reading, Pa. *See adv index at end of book.*
Am. Disinfectant Wks., Buffalo, N. Y.
Am. Disinfecting Co., Sedalia, Mo.
Am. Distilling Co. of N. Y., 49 Washington, New York.
Am. Distilling Co., Pekin, Ill.
Am. Distributing Co., distributors, 27 William, New York.
Am. District Steam Co., heating contrs. & steam fitters' supplies, North Tonawanda, N. Y.
Am. Doll Mfg. Co., 61 Wooster, New York.
Am. Drafting Furniture Co., 199 Railroad, Rochester, N. Y.
Am. Dredge Building & Constr. Co., Seattle, Wash.
Am. Dredging Co., Mariners' & Merchants' Bldg., Phila., Pa.
Am. Dredging Co., 255 California, San Francisco, Cal.
Am. Drop Forger, trade publication, 108 Smithfield, Pittsburgh, Pa.
Am. Dry Plate Co., Worcester, Mass.
Am. Duplex Steam Trap Co., Moffatt Bldg., Detroit, Mich.
Am. Duplicator Co., 3 Coenties sl, New York.
Am. Duralumin Co., 11 Pine, New York.
Am. Dust Absorbing Floor Oil Co., 100 Greene, New York.
Am. Dyewood Co., 80 Maiden la, New York.
Am. Dynalite Co., Amherst, Ohio.
Am. Electric Air Pump Co., compressors (air), Penn & Barbeau, Pittsburgh, Pa.
Am. Electric Battery Wks., 116 Wooster, New York.
Am. Elec. Co., tele. apparatus & lightning arresters, 6401 S. State, Chicago, Ill.
Am. Elec. Cutting Mach. Co., 410 E. 32d, New York.
Am. Elec. Equipment Co., soldering flux & portables, Kansas City, Mo.
Am. Elec. Lamp Wks. of G. E. Co., Central Falls, R. I.
Am. Elec. Mach. & Elev. Co., 1706 N. 12th, St. Louis, Mo.
Am. Elec. Tool Co., machsts., drills, W. Newton, Mass.
Am. Elec. Welding Co., 200 5th av, New York.
Am. Elec'l. Heater Co., machst., Burroughs & Woodward avs. Detroit, Mich.
Am. Electrical Works, cables, coils, wires, etc., Phillipsdale, R. I.
Am. Elevator Co., 117 Cedar, New York.
Am. Elevator & Electric Co., 511 Poydras, New Orleans, La.
Am. Elevator & Machine Co., Louisville, Ky.
Am. Emblem Co., Inc., advtg. novelties, 333 Columbia, Utica, N. Y.
Am. Emery Wheel Works, Providence, R. I.
Am. Enamel Co., wood turners & enamelers & enamel mfrs., Providence, R. I.
Am. Enameled Brick & Tile Co., brick mfrs., 52 Vanderbilt av, New York.
Am. Enameled Magnet Wire Co., Muskegon, Mich.
Am. Enameling Mfg. Corp., Rahway, N. J.
Am. Encaustic Tiling Co., tile mfrs., 16 E. 40th, New York.
Am. Engine & Boiler Wks., Tonawanda, N. Y.
Am. Engine Co., rowboat motors, 2d & Amsterdam, Detroit, Mich.
Am. Eng. & Tractor Co., Charles City, Iowa.
Am. Engineering Co., shipbuilding machinery, Philadelphia, Pa.
Am. Envelope Co., 817 Washington blvd, Chicago, Ill.
Am. Envelope Co., West Carrollton, Ohio.
Am. Equip. Co., bolt, nut & rivet, Norristown, Pa.
Am. Evaporator Co., 222 N. Front, Philadelphia, Pa.
Am. Ever Ready Wks. of Nat. Carbon Co., electrical specialties, battery holders, Thompson av, L. I. City, N. Y.
Am. Expansion Bolt Co., 1752 Webster av, New York.
Am. Exporter, trade publication, 17 Battery pl, New York.
Am. Extract Co., 129 W. Kinzie, Chicago, Ill.
Am. Face Brick Assn., Fulton Bldg., Pittsburgh, Pa.
Am. Falls Milling Co., Ltd., flour, American Falls, Idaho.
Am. Feather Duster Co., 23 Great Jones, New York.
Am. Felt. Co., 100 Summer, Boston, Mass.
Am. Fence Const. Co., steel, 96 Church, New York.
Am. Ferrofix Brazing Co., Perry Bldg., Philadelphia, Pa.
Am. Fertilizer, trade publications, 1010 Arch, Philadelphia, Pa.
Am. Fertilizer Co., Savannah, Ga.
Am. Fertilizing Co., Norfolk, Va.
Am. Fibre Chair Seat Corp., 540 Van Alst av, Long I. City, N. Y.
Am. Fibre Co., Jacksonville, Fla.
Am. Fiber Package Co., div. of Am. Box Board Co., Grand Rapids, Mich.
Am. Fidelity Co., insurance, Montpelier, Vt.
Am. File Renewing Co., 85 Kimball, Providence, R. I.
Am. Film Co., moving picture films, 6227 B'way, Chicago, Ill.
Am. Filter Co., 665 Buffum, Milwaukee, Wis.
Am. Finishing Machy. Co., 141 Milk, Boston, Mass.
Am. Fire Alarm Co., 967 Liberty av, Pittsburgh, Pa.
Am. Fire App. Co., 30 E. 42d, New York.
Am. Fire Brick Co., Spokane, Wash.
Am. Fire Clay Co., American Trust Bldg., Cleveland, Ohio.
Am. Fisheries Co., shipdldr., Bellingham, Wash.
Am. Fixture Co., store fix., 20th & York, San Francisco, Cal.
Am. Fixture & Mfg. Co., Troy, Ohio.
Am. Flag Co., 73 Mercer, New York.
Am. Flag Mfg. Co., Easton, Pa.
Am. Flexible Bolt Co., Union Bank Bldg., Pittsburgh, Pa.
Am. Flint Co., silex, Iron City, Tenn.
Am. Floor Surfacing Machine Co., Toledo, Ohio.
Am. Flyer Mfg. Co., toys, games & nov., 2219 S. Halstead, Chicago, Ill.
Am. Folding Box Co., 21 W. 4th, New York.
Am. Folding Machine Co., paper folding machines, Warren, Ohio.
Am. Forge Co., 25 Tehama, San Francisco, Cal.
Am. Forge & Mach. Co., Canton, Ohio.
Am. Forge Wks., Denver, Colo.
Am. Forging & Socket Co., auto bow sockets, Pontiac, Mich.
Am. Fork & Hoe Co., Cleveland, Ohio.
Am. Fdry. & Casting Co., Dayton, Ohio.
Am. Fdry. Co., Indianapolis, Ind.
Am. Fdry. & Construction Co., steam heating contractors, expansion joints, etc., 2d av. & Longworth, Pittsburgh, Pa.
Am. Fdry. & Furnace Co., furnace & boilers, Bloomington, Ill.
Am. Fdry. & Mach. Co., Hamilton, Ohio.
Am. Fdry. & Mfg. Co., galvanizing works, Frederick, Md.
Am. Fdry. & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Am. Fdry. & Pipe Co., Penn Station, Pa.
Am. Frog & Switch Co., Hamilton, Ohio.
Am. Furnace Co., 2725 Morgan, St. Louis, Mo.
Am. Galvanizing Co., 3300 Grays Ferry av, Philadelphia, Pa.
Am. Gas Engine Co., 11th & Winchester av, Kansas City, Mo.
Am. Gas Fixture Works, 1235 Filbert, Philadelphia, Pa.
Am. Gas Furnace Co., 24 John, New York.
Am. Gas Light Journal, 42 Pine, New York.
Am. Gas Machine Co., camp stoves, Albert Lea, Minn
Am. German Boiler Compound Co., 30 N. Dearborn, Chicago, Ill.
Am. Glass Spec. Co., lantern globes, Monaca, Pa.
Am. Glass Wks., bottles, Richmond, Va.
Am. Glue Co., 121 Beverly, Boston, Mass.
Am. Golf Glove Co., 5127 Lena, Gtn., Philadelphia, Pa.
Am. Grain Separator Co., Erie & S. E. Essex, Minneapolis, Minn.
Am. Granite Co., Hardwick, Vt.
Am. Granite Co., 15th & Cleveland avs, Milwaukee, Wis.
Am. Granite Saw Co., Worcester, Mass.
Am. Graphite Co., 38 S. Dearborn, Chicago, Ill.
Am. Graphite Co., baking enamels, Cleveland, Ohio.
Am. Graphite Co., Gadsen, Ala.
Am. Graphophone Co., fndrs., Bridgeport, Conn.
Am. Graphophone Co., Woolworth Bldg., New York.
Am. Grinder Mfg. Co., 2203 Sycamore, Milwaukee, Wis.
Am. Grocer, trade publication, 90 Broadway, New York.
Am. Grondal Co., furnaces, 120 Broadway, New York.
Am. Guard Rail Fastener Co., rail anchors, fasteners & braces, Real Estate Trust Bldg., Philadelphia, Pa.
Am. Gum Products Co., core compounds, 200 5th av, New York.
Am. Gum Tape Co., 115 Worth, New York.
Am. Gut String Mfg. Co., 5415 S. Ashland av, Chicago, Ill.
Am. Gypsum Co., wall plaster mfrs., Rochester, N. Y.
Am. Hair Cloth Co., Pawtucket, R. I.
Am. Hair Felt Co., 41st & Madison av, New York.
Am. Hame & Bit Co., mchsts. & fndrs., 59 N. J. R. R. av, Newark, N. J.
Am. Handle Co., Jonesboro, Ark.
Am. Hard Rubber Co., rubber goods mfrs., 9 Mercer, New York, & Akron, Ohio.
Am. Hard Wall Plaster Co., Utica, N. Y.
Am. Hardware Equipment Co. (wholesale), Charlotte, N. C.
Am. Hdwe. Journal, trade publication, 21 Park Row, New York.
Am. Hdwe. Lbr. Co., Main & Dock, St. Louis, Mo.
Am. Hdwe. Stores, Inc., hdwe. & mill & facty supplies, 140 Middle, Bridgeport, Conn.
Am. Hardware & Supply Co., Fairfield av & Middle, Pittsburgh, Pa.
Am. Hatter, trade publication, 1182 B'way, New York.
Am. Heating Co., 7034 B'way, S. E., Cleveland, Ohio.
Am. Heating Co., Duluth, Minn.
Am. Heating Spec. Co., box 344, Peru, Ind.
Am. Heating & Supply Co., Rockford, Ill.
Am. Hide & Leather Co., 1330 Elston av, Chicago, Ill.
Am. High Explosive Co., 712 Empire Bldg., Pittsburgh, Pa.
Am. High Speed Chain Co., Indianapolis, Ind.
Am. High Speed Press Co., 30 E. 23d, New York.
Am. Hog Post Co., oilers, Peoria, Ill.
Am. Hoist & Derrick Co., hoists & derricks, 63 S. Robert, St. Paul, Minn.
Am. Hominy Co., Indianapolis, Ind.
Am. Hone Co., Olean, N. Y.
Am. Horse Shoe Co., iron rolling & steel bar mills, Phillipsburg, N. J.
Am. Hosiery Co., New Britain, Conn.
Am. Huhn Metallic Packing Co., 233 B'way, New York.
Am. Hydrating Co., lime hydrating machy., Md. Trust Bldg., Baltimore, Md.
Am. Ice Co., tongs, 6th & Arch, Philadelphia, Pa.
Am. Incandescent Heat Co., Inc., heat treating furnaces, 10 Postoffice sq, Boston, Mass.
Am. Injector Co., machsts. & brass fndrs., injectors & ejectors, 173 14th av, Detroit, Mich.
Am. Ink Co., printing inks, 154 Nassau, New York.

Am. Insulated Wire & Cable Co., 954 W. 21st, Chicago, Ill.
Am. Insulating Machinery Co., wire winding & covering machinery, Fairhill & Huntingdon, Philadelphia, Pa.
Am. Insulation Co., pipe & boiler covering, Roberts av & Stokley, Philadelphia, Pa.
See adv index at end of book.
Am. Insulator Co., Inc., New Freedom, Pa.
Am. International Shipbuilding Corp., 140 N. Broad, Philadelphia, Pa.
Am. Iron & Metal Co., scrap rubber, 140 Oliver, Boston, Mass.
Am. Iron & Steel Mfg. Co., Lebanon, Pa.
Am. Iron & Supply Co., scrap iron & steel, 110 S. Dearborn, Chicago, Ill.
Am. Iron & Wire Wks., 1622 Carroll av, Chicago, Ill.
Am. Iron & Wire Wks., architect'l & ornamental, Seattle, Wash.
Am. Iron Works, Des Moines, Ia.
Am. Iron Wks., machsts., Louisville, Ky.
Am. Ironing Machine Co., Federal Life Bldg., Chicago, Ill.
Am. Kardex, filing devices, Tonawanda, N. Y.
Am. Keene Cement Co., Sigurd, Utah.
Am. Kersey Co., woolen blankets, Litchfield, Minn.
Am. Key Can Co., 140 S. Dearborn, Chicago, Ill.
Am. Keyless Lock Co., 619 W. Jackson blvd, Chicago, Ill.
Am. Knife Co., Baldwinsville, N. Y.
Am. Knitting Co., bathing suit mfrs., Honesdale, Pa.
Am. Knitting Co., bathing suits, Waltham, Mass.
Am. Knitting Mills, sweaters, etc., Cent'l Trust Bldg., Phila., Pa.
Am. Kron Scale Co., 430 E. 53rd, New York.
Am. Krupp System-Diesel Engine Co., machsts., 165 Broadway, Brooklyn, N. Y.
Am. Label & Advtg. Tape Co., 60 Cooper Sq., New York.
Am. Label Co., 216 W. 18th, New York.
Am. Label Mfg. Co., Cross & Covington, Baltimore, Md.
Am. Lace Leather Co., belt lacing, Richmond, Va.
Am. Lace Paper Co., 419 3rd, Milwaukee, Wis.
Am. Lacquer Co., Bridgeport, Conn.
Am. La France Fire Engine Co., Elmira, N. Y.
Am. Lamp Wks., 253 W. 47th, New York.
Am. Laundry Machy. Co., Cincinnati, Ohio.
Am. Lava Co., acetyl. gas burner, tile mfrs. & miners, Chattanooga, Tenn.
See adv index at end of book.
Am. Lawn Mower Co., Muncie, Ind.
Am. Lead Co., bar, 3116 Penn av, Pittsburgh, Pa.
Am. Lead Pencil Co., 220 5th av, New York.
Am. Leather Mfg. Co., Newark, N. J.
Am. Leather Products Co., Indianapolis, Ind.
Am. Lightning Rod Co., Omaha, Neb.
Am. Lignite Briquette Co., San Antonio, Tex.
Am. Lime & Stone Co., Tyrone, Pa.
Am. Linde Refrigeration Co., ice & refrigerating machy., 346 B'way, New York.
Am. Line Materials Co., cross-arms & wood conduit, 332 S. Michigan, Chicago, Ill.
Am. Linoleum Mfg. Co., 366 5th av, New York.
Am. Linseed Co., 79 Milk, Boston, Mass.
Am. Linseed Co., Detroit, Mich.
Am. Linseed Co., Woolworth Bldg., New York.
Am. Locknut Co., 10600 Corliss av, Chicago, Ill.
Am. Lock Nut & Tool Co., mchsts. & fdrs., Oregon, Ill.
Am. Locomotive Co., mchsts. & fndrs., 30 Church, New York, & Beaver & Stanton, Pittsburgh, Pa.
Am. Logging Tool Co., Evart, Mich.
Am. Loose Leaf Mfg. Co., 121 N. Green, Chicago, Ill.
Am. Lubricator Co., mchsts. & fndrs., Summit & Wabash Ry., Detroit, Mich.
Am. Lumber & Cedar Co., 209 Lumber exch., Minneapolis, Minn.
Am. Lumber Co., 1407 Philpot, Baltimore, Md.
Am. Lumber Co., Merryville, La.
Am. Lbr. Co., 30 Church, New York.
Am. Lbr. & Construction Co., Duluth, Minn.
Am. Lumber & Export Co., Birmingham, Ala.
Am. Lumber & Mfg. Co., Peoples Bank, Pittsburgh, Pa.
Am. Lumberman, trade publications, 431 S. Dearborn, Chicago, Ill.
Am. Luminous Products Co., paint, powder, cardboard, novelties, etc., Watts, Los Angeles, Cal.
Am. Luxfer-Prism Co., glass constructions, 1018 37th, Chicago, Ill.
Am. McKenna Process, iron rail & rolling mills, 508 Colby-Abbott, Milwaukee, Wis.
Am. Mach. Co., paper slitting & tagging machy., Newark, Del.
Am. Machine Co., Newark, Ohio.
Am. Mach. Tool Engng. Wks., 21854 Kenzie, Chicago, Ill.
Am. Mach. & Foundry Co., cigar & cigarette packing, & tobacco machy., 5520 2d av, Brooklyn, N. Y.
Am. Mach. & Mfg. Co., cottonseed hullers, Greenville, S. C.
Am. Mach. Works, engine contractors, 518-24 4th, Oakland, Cal.
Am. Mach. Wks., Omaha, Neb.
Am. Machy. Co., Atlanta, Ga.
Am. Machy. Co., carton sealing machines, 1229 Callowhill, Philadelphia, Pa.
Am. Machy. Co., mchsts. & fdrs., Port Huron, Mich.
Am. Machy. & Const. Co., 103 W. Water, Milwaukee, Wis.
Am. Machy. Exchange, machinery dlrs., 217 Centre, New York.
Am. Machsts., trade publication, 10th av & 36th, New York.
Am. Made Stuffed Toy Co., 123 Bleecker, New York.
Am. Magnesia & Covering Co., magnesia pipe coverings, Plymouth Meeting, Pa.
Am. Magnesia Products Co., sanitary flooring, 418 W. 12th pl, Chicago, Ill.
Am. Magnesium Corp., ferro-metals—magnesium, Niagara Falls, N. Y.
Am. Mailing Device Corp., 103 Park av, New York.
Am. Maize-Products Co., oils, 135 William, New York.
Am. Malleable Casting Co., Marion, Ohio.
Am. Malleable Co., machsts., Owosso, Mich.
Am. Malleables Co., malleable iron castings, Lancaster, N. Y.
Am. Malting Co., 120 B'way, New York.
Am. Manganese Bronze Co., bronze castings, 3501 Rhawn, Philadelphia, Pa.
Am. Manganese Mfg. Co., ferro-manganese, Bullitt Bldg., Philadelphia, Pa.
Am. Manganese Steel Co., 332 S. Mich av, Chicago, Ill.
Am. Mangle & Roller Co., laundry machy., Racine, Wis.
Am. Mfg. Co., catalog envelopes & shipping tags, Battle Creek, Mich.
Am. Mfg. Co., cordage & twine mfrs., West, Brooklyn, N. Y.
Am. Mfg. Co., grass catchers, Columbus, Ohio.
Am. Mfg. Co., hdwe-cabinet & saddlery, Chattanooga, Tenn.
Am. Mfg. Co., inc. lamp coloring, 1319 3d av, New York.
Am. Mfg. Co., sashes, doors & blinds, 2101 Louisiana, New Orleans, La.
Am. Mfg. Co., soda water fountains, Memphis, Tenn.
Am. Mfg. Co., table silverware, Meriden, Conn.
Am. Mfg. Co., waterproofing materials & shingle stains, 114 Plymouth av N., Minneapolis, Minn.
Am. Mfg. Concern, advtg. novelties, Falconer, N. Y.
Am. Marble Mosaic Co., floors, 534 Market, Milwaukee, Wis.
Am. Mason Safety Thread Co., safety stair treads, Lowell, Mass.
Am. Materials Co., sanitary flooring, 101 Park av, New York.
Am. Matrix-Paper Mills, paper mfrs., Richmond, Va.
Am. Mattress Co., 5 Wey, Boston, Mass.
Am. Mechanical Toy Co., Dayton, Ohio.
Am. Mercantile Co., fishing poles, Tacoma, Wash.
Am. Metal Bed Co., 42 Clifton, Newark, N. J.
Am. Metal Ceiling Co., 1529 Fulton, Brooklyn, N. Y.
Am. Metal Co., 61 Broadway, New York.
Am. Metal Fusing & Cutting Co., autogenous welding, 1004 Stunter, Long Island City, N. Y.
Am. Metal Form Co., concrete forms, 343 S. Dearborn, Chicago, Ill.
Am. Metal Hose Co., flexible metallic hose & tubing mfrs., Waterbury, Conn.
Am. Metal Moulding Co., 145 N. J. R. R. av, Newark, N. J.
Am. Metal Polish Co., W. Somerville, Mass.
Am. Metal Products Co., bolt clippers, 72 W. Adams, Chicago, Ill.
Am. Metal Treatment Co., Elizabeth, N. J.
Am. Metal Ware Co., bedstead mfrs., sheet metal stamping, 368 W. Huron, Chicago, Ill.
Am. Metal Weather Strip Co., weather strips, 144 Division N., Grand Rapids, Mich.
Am. Metal Wheel & Auto Co., Toledo, Ohio.
Am. Metal Works, metal stamping & dies, 20 E. Herman, Philadelphia, Pa.
Am. Metallic Packing Co., Lexington, Ky.
Am. Meter Co., fndrs., 3112 N. 17th, Philadelphia, Pa.
Am. Mica Co., Newton Lower Falls, Mass., and 52 B'way, New York.
Am. Milk Co., canned, 324 W. Kinzie, Chicago, Ill.
Am. Mill Co., lumber, Aberdeen, Wash.
Am. Mills Co., cordage & twine, Atlanta, Ga.
Am. Mills Co., woolen carriage cloth, Rockville, Conn.
Am. Mills Co., cotton & elastic webbing, Waterbury, Conn.
Am. Mine Door Co., Canton, Ohio.
Am. Mineral Co., talc mfrs., soapstone, Johnson, Vt.
Am. Mining Tool Co., Ottumwa, Ia.
Am. Mirror Co., 160 Reed, Milwaukee, Wis.
Am. Moistening Co., mine sprayers, humidifying apparatus, 120 Franklin, Boston, Mass.
Am. Mold Co., 235 Cherry, Philadelphia, Pa.
Am. Moulding Machine Co., Terre Haute, Ind.
Am. Monolith Co., sanitary flooring, 765 30th, Milwaukee, Wis.
Am. Morocco Case Co., 217 E. 38th, New York.
Am. Mosaic & Tile Co., Louisville, Ky.
Am. Motor Equipment Co., mchsts. & fdrs., 181 Mass av, Boston, Mass.
Am. Motor Truck Co., Newark, Ohio.
Am. Motor Vehicle Co., Lafayette, Ind.
Am. Motorist, trade publication, 501 5th av, New York.
Am. Motors Corp, 100 Broad, New York.
Am. Multiple Fabric Co., 183 Hartford av, Providence, R. I.
Am. Multigraph Sales Co., multigraphs, etc., 1832 E. 40th, Cleveland, Ohio.
Am. Name Plate Co., 352 Atlantic av, Boston, Mass.
Am. National Co., children's vehicles, velocipedes & coaster wagons, Toledo, Ohio.
Am. Net & Twine Co., 575 Atlantic av, Boston, Mass.
Am. Nickel Wks., plating wks., 555 W. Monroe, Chicago, Ill.
Am. Nickeloid Co., Peru, Ill.
Am. Nitrogen Products Co., Seattle, Wash.
Am. Novelty Paper Co., Saugerties, N. Y.

Am. Novelty Wks., dowels & wood handles, Wellsville, N. Y.
Am. Numbering Mach. Co., 224 Shepherd, Brooklyn, N. Y.
Am. Nut & Bolt Fastener Co., lock washers, Ontario & Doerr, Pittsburgh, Pa.
Am. Oak Leather Co., Kenner, Dalton & McLean avs, Cincinnati, Ohio.
Am. Oil Co., lubrg. oils, American Bldg., Baltimore, Md.
Am. Oil Corp., lubrg., Jackson, Mich.
Am. Oil Co., 180 S. Water, Providence, R. I.
Am. Oil & Disinfectant Co., 196 Water, New York.
Am. Oil & Lubricant Wks., Rochester, N. Y.
Am. Oil & Paint Co., 284 Perry, San Francisco, Cal.
Am. Oil Products Co., lubricants, 1426-30 Seneca, Buffalo, N. Y.
Am. Oil Pump & Tank Co., Findley & Dalton, Cincinnati, Ohio
Am. Oil Refining Co., boiler compounds, 2066 Milwaukee, Chicago, Ill., and 1482 B'way, New York.
Am. Oil & Supply Co., 52 Lafayette, Newark, N. J.
Am. Oil Treating & Hardening Co., lubrg. oils, Ivorydale, Cincinnati, Ohio.
Am. Oil Wks. (Ltd.), Titusville, Pa.
Am. Olive Co., canned, Los Angeles, Cal.
Am. Optical Co., goggles & eye protectors, lenses & watch crystals, Southbridge, Mass.
Am. Ore Reclamation Co., 71 B'way, New York.
Am. Oven & Mach. Co., 111 W. Washington, Chicago, Ill.
Am. Oxhydric Co., oxygen gas, ft. 32d, Milwaukee, Wis.
Am. Oxygen Assn., 134 Eliot, Boston, Mass.
Am. Oxygen Co., gas, Perry Bldg., Philadelphia, Pa.
Am. Oxygen Co., oxy-acet. welding app., 2d & Elm, Cincinnati, O.
Am. Packing Co., canned goods, Everett, Wash.
Am. Pad & Ink Co., 22d & Glenwood av, Philadelphia, Pa.
Am. Pad & Paper Co., Holyoke, Mass.
Am. Pad & Textile Co., Greenfield, Ohio.
Am. Paint & Glass Co., 131 Fort, W., Detroit, Mich.
Am. Paint Works, 428 Josephine, New Orleans, La.
Am. Paper Goods Co., Kensington, Conn.
Am. Paper Products Co., East Liverpool, Ohio.
Am. Paper Products Co., 2d & Bremen av, St. Louis, Mo.
Am. Paper Stock Co., scrap rubber, 297 Orleans, Detroit, Mich.
Am. Paper Tube Co., Woonsocket. R. I.
Am. Papeterie Co., envelopes, writing paper, etc., Albany, N. Y.
Am. Papeterie Co., Quincy, Ill.
Am. Parlograph Corp., 123 Liberty, New York.
Am. Parquetry Floor Co., 1124 Walnut, Philadelphia, Pa.
Am. Passementry Factory, silk tassels, etc.,528 B'way, New York.
Am. Pattern Co., 3336 Market, Philadelphia, Pa.
Am. Pattern Mfg. Co., Keystone, Youngstown, Ohio.
Am. Pattern Wks., Dubois & Clay, Detroit, Mich.
Am. Paving & Constr. Co., Marshall Bldg., Cleveland, Ohio.
Am. Paving & Contracting Co., Montebello av & Jenkins la, Baltimore, Md.
Am. Pearl Button Co., Washington, Ia.
Am. Pearl Button Wks., 143 W. 19th, New York.
Am. Pedometer Co., New Haven, Conn.
Am. Perforated Metal Co., Belleville, N. J.
Am. Perforator Co., 621 W. Jackson blvd., Chicago, Ill. *See adv index at end of book.*
Am. Petroleum Products Co., 196 Water, New York.
Am. Phonograph Co., talking machs., Columbus av & 101st, New York.
Am. Phonoparts Co., motors, 501 W. 35th, Chicago, Ill.
Am. Phosphorus Co., 3d & Dauphin, Philadelphia, Pa.
Am. Photographic Paper Co., 2304 Washington, Boston, Mass.
Am. Piano Co., 439 5th av, New York.
Am. Pickle & Canning Co., Wiggins, Miss.
Am. Pig Tail Co., St. Marys, Pa.
Am. Pile Driving Co., Everett, Wash.
Am. Pin Co., gas attachments, shade holders, upholstery hdwe., etc., Waterbury, Conn.
Am. Pipe Bending Mach. Co., 39 Pearl, Boston, Mass.
Am. Piston Ring Co., 704 S. 11th, Newark, N. J.
Am. Plaster Drill, 717 E. 140th, Brooklyn, N. Y.
Am. Plate Glass Co., Kane, Pa.
Am. Platinum Works, Oliver & N. J. R. R. av, Newark, N. J.
Am. Player Action Co., 122 Troop av, New York.
Am. Playground Device & Swing Co., Terre Haute, Ind.
Am. Plumbers' Supply Co., Toledo, Ohio.
Am. Plumbing Mfg. Co., 164 Atlantic av, Brooklyn, N. Y.
Am. Pneumatic Service Co., 100 Boylston, Boston, Mass.
Am. Portable House Co., Seattle, Wash.
Am. Porcelain Co., East Liverpool, Ohio.
Am. Post Office Equipment Co., 343 S. Dearborn, Chicago, Ill.
Am. Postal Machines Co., 295 Congress, Boston, Mass.
Am. Powder Mills, Board of Trade Bldg., Boston, Mass.
Am. Power Co., fuel economizers, 630 Washington, Boston, Mass.
Am. Press Brick Co., 6500 Easton av, St. Louis, Mo.
Am. Press Cloth Co., Columbia, S. C.
Am. Pressed Steel Co., floor plates, Commercial Trust Bldg., Philadelphia, Pa.
Am. Pressing Iron Co., 48 E. 8th, New York.
Am. Pressweld Radiator Corp., auto radiators, Euclid, Detroit, Mich.
Am. Printer, trade publication, 344 W. 38th, New York.
Am. Printing Ink Co., 2314 W. Kinzie, Chicago, Ill.
Am. Printing Ink Co., 1127 W. 6th, Cincinnati, Ohio.
Am. Process Co., drying apparatus mfrs., 68 William, New York.
Am. Propeller & Mfg. Co., airplane, Baltimore, Md.
Am. Pulley Co., 114 S. Clinton, Chicago, Ill.
Am. Pulverizer Co., 32d & Ridge, E. St. Louis, Ill.
Am. Pumice Co., 111 W. Monroe, Chicago, Ill.
Am. Radiator Co., boilers & radiators, vacuum cleaners, etc., 816 Michigan av, Chicago, Ill.
Am. Radiator Co., 124 Jefferson, Detroit, Mich.
Am. Radiator Co., mchsts. & fndrs., Kansas City, Mo.
Am. Radio & Research Corp., 21 Park Row, New York.
Am. Ry. Appliance Co., gas engines, Oil City, Pa.
Am. Railways Equipment Co., fareboxes, Dayton, Ohio.
Am. Railway Supply Co., 134 Charles, New York.
Am. Range & Foundry Co., Cleveland, Ohio.
Am. Rattan & Reed Mfg. Co., 268 Norman av, Brooklyn, N. Y.
Am. Raveller Co., textile machy., Philmont, N. Y.
Am. Reduction Co., fertilizer mfrs., 1942 Forbes, Pittsburgh, Pa.
Am. Refining Co., petroleum, Tulsa, Okla.
Am. Reflector & Lighting Co., 517 W. Jackson blvd, Chicago, Ill.
Am. Refractories Co., silica magnesite & chrome brick, ores, etc., 208 S. La Salle, Chicago, Ill.
Am. Ribbon & Carbon Co., Rochester, N. Y.
Am. Rice Milling Co., Crowley, La.
Am. Ring Co., shade holders, 531 Bank, Waterbury, Conn.
Am. Rivet Co., New Haven, Conn.
Am. Road Mach. Co., stone bins, Commercial Trust pl, Phila., Pa.
Am. Road Machinery Co., Kennett Square, Pa.
Am. Roll & Fndry. Co., Canton, Ohio.
Am. Roll Gold Leaf Co., 56 Pine, Providence, R. I.
Am. Roller Bearing Co., Baum & Melwood, Pittsburgh, Pa.
Am. Rolling Mill Co., Middletown, Ohio.
Am. Roofing Co., cornices, 634 Gratiot av, Detroit, Mich.
Am. Rotary Pump Co., mchy., 67 Hampden, Boston, Mass.
Am. Rubber Co., 130 Essex, Boston, Mass.
Am. Rubber Mfg. Co., Sheldon Bldg., San Francisco, Cal.
Am. Rubber Reclaiming Co., 406 E. Rittenhouse, Phila., Pa.
Am. Rule Mfg. Co., Nashville, Tenn.
Am. Rust Proof Co., paint mfrs., 220 5th av, New York.
Am. Safe & Lock Co., Anderson, Ind.
AMERICAN SAFETY LAMP & MINE SUPPLY CO., machinists & founders, Scranton, Pa.
Am. Safety Razor Co., 303 Jay, Brooklyn, N. Y.
Am. Sales Book Co. (Ltd.), adding mach. rolls, Elmira, N. Y.
Am. Sales Co., explosives, Godchaux Bldg., New Orleans, La.
Am. Sand & Gravel Co., Chamber of Com. Bldg., Chicago., Ill.
Am. Sand & Gravel Co., Erie, Pa.
Am. Sandstone Brick Machy. Co., Abingdon, Mich.
Am. Sanitary Mfg. Co., mchsts. & fdrs., Abington, Ill.
Am. Sanitary Wks., potteries, Washington, N. J.
Am. Sash & Door Co., Kansas City, Mo.
Am. Saw & Mfg. Co., thick saw blades & metal band saws, Springfield, Mass.
Am. Saw & Tool Wks., 2431 W. 14th, Chicago, Ill.
Am. Saw Mill Machy. Co., Hackettstown, N. J.
Am. Scale Co., Kansas City, Mo.
Am. Scientific Instrument Co., 50 John, New York.
Am. Scrap Iron Co., Akron, Ohio.
Am. Screen Co., Brookline, Mass.
Am. Screen Mfg. Co., Kansas City, Mo.
Am. Screw Co., wood & machine screws, stove & tire bolt mfrs., etc., 21 Stevens, Providence, R. I.
Am. Screw Propeller Co., wheels, 1326 Chestnut, Philadelphia, Pa.
Am. Sea Green Slate Co., roofing slate mfrs., Granville, N. Y.
Am. Seal Co., Bridgeport, Conn.
Am. Seating Co., fndrs., furniture, etc., 14 E. Jackson blvd, Chicago, Ill.
Am. Seeding Machine Co., Springfield, Ohio.
Am. Self Winding Clock Co., 133 W. Washington, Chicago, Ill.
Am. Separator Co., Bainbridge, N. Y.
Am. Sewer Pipe Co., Akron, Ohio
Am. Sewer & Drain Constr. Co., 2816 N. Washtenaw av, Chicago, Ill.
Am. Shade Mach. Co., 19 Milk, Boston, Mass.
Am. Shade Roller Co., 151 33d, Brooklyn, N. Y.
Am. Shading Mach. Co., 164 Rano, Buffalo, N. Y.
Am. Shearer Mfg. Co., machst., Nashua, N. H.
Am. Sheet Metal Lath Co., 426 3d av, Brooklyn, N. Y.
Am. Sheet Metal Stamping Corp., Lehigh av & Mutter, Phila., Pa.
Am. Sheet Metal Works, 3427 S. Carrollton, New Orleans, La.
Am. Sheet & Tin Plate Co., iron rolling mills, Frick Bldg., Pittsburgh, Pa.
American Ship Building Co., ft. of W. 54th, Cleveland, Ohio.
Am. Shipbuilding Co., 11 B'way, New York.
Am. Shoe Polish Co., 810 N. Franklin, Chicago, Ill.
Am. Shop Equipm't Co., furnaces, McCormick Bldg., Chicago, Ill.
Am. Shovel & Stamping Co., Lorain, Ohio.
Am. Show Case Co., 289 Greenpoint av, Brooklyn, N. Y.
Am. Shuttle Co., Exchange Bldg., Boston, Mass.
Am. Sign Co., electric illuminated, Kalamazoo, Mich.
Am. Sign Wks., 109 N. Dearborn, Chicago, Ill.
Am. Silk Journal, 373 4th av, New York.
Am. Silk Label Mfr. Co., 22 E. 17th, New York.
Am. Silk Mfg. Co., chamois importers, mach. wipers, 4341 Orchard, Philadelphia, Pa.
Am. Silver Co., Bristol, Conn.
Am. Skate & Mgr. Co., Reading, Pa.

Am. Skein & Fdry. Co., Racine, Wis.
Am. Slag Co., Land Title Bldg., Philadelphia, Pa.
Am. Slate Co., Easton, Pa.
Am. Slate Co., plumbers, 17 Southampton, Boston, Mass.
Am. Slate Wks., Slatington, Pa.
Am. Slicing Machine Co., meat, 209 S. State, Chicago, Ill.
Am. Slide Co., Columbus, Ohio.
Am. Smelting & Refining Co., lead seals, metals, etc., Cincinnati, Ohio.
Am. Smelting & Refining Co., 120 B'way, New York.
Am. Smokeless Powder Co., 131 State, Boston, Mass.
Am. Soap Co., 1986 Plum, Cincinnati, Ohio.
Am. Soap & Washoline Co., Cohoes, N. Y.
Am. Soapstone Finish Co., Chester Depot, Vt.
Am. Soda Fountain Co., 282 Congress, Boston, Mass.
Am. Soldier Co., toys, games & nov., Myrtle av & De Boo pl, Glendale, N. Y.
Am. Specialty Co., hwde. mfrs. & card cutting machs., Bridgeport, Conn.
Am. Spec. Co., advtg., 9 Vose, Rochester, N. Y.
Am. Specialty Mfg. Co., dressing rope, Iron & Erie Ry., Cleveland, Ohio.
Am. Specialty Stamping Co., kitchen enam. ware mfrs., Johnstown, Pa.
Am. Spectacle Co., 1328 B'way, New York.
Am. Speed Indicator Co., New London, Conn.
Am. Spelter Corp., 61 B'way, New York.
Am. Spinning Co., cotton sheetings, Greenville, S. C.
Am. Spiral Pipe Works, lap welded pipe, forged steel pipe flanges, corrugated furnaces, 14th & S. Cicero av, Chicago, Ill. *See adv index at end of book.*
Am. Spiral Spring & Mfg. Co., 56th & A. V. R. R., Pittsburgh, Pa.
Am. Spirits Mfg. Co., distrs., 27 William, New York.
Am. Sports Publishing Co., 45 Rose, New York.
Am. Spring Needle Wks., New Britain, Conn.
Am. Spray Co., air cooling & purifying apparatus, 26 Cortlandt, New York.
Am. Stamping & Enamelling Co., Bellaire, O.
Am. Stamp Mfg. Co., stencils, presses, etc., 85 John, New York.
Am. Stamping & Manufacturing Co., metal stampings, 421 Park Bldg., Pittsburgh, Pa.
Am. Stamping Co., oil cups, Battle Creek, Mich.
Am. Standard Asphalt Co., contrs., Lee & Floyd, Louisville, Ky.
Am. Standard Motion Picture Mach. Co., 261 W. 36th, New York.
Am. Stationer, trade publications, 431 S. Dearborn, Chicago, Ill.
Am. Stave & Cooperage Co., Chelsea, Mass.
Am. Steam Conveyor Corp., ash conveyors, 326 W. Madison, Chicago, Ill.
Am. Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
Am. Steam Packing Co., 191 High, Boston, Mass.
Am. Steam Pump Co., Battle Creek, Mich.
Am. Steel Chase Co., 38 Park Row, New York.
Am. Steel Co., iron & steel, Park Bldg., Pittsburgh, Pa.
Am. Steel & Copper Plate Co., 101 Fairmont av, Jersey City, N. J.
Am. Steel Dredge Co., Fort Wayne, Ind.
Am. Steel Fdrys. Co., steel castings, 30 Church, New York, & 332 S. Michigan av, Chicago, Ill.
Am. Steel Frame & Band Iron Co., 300 Water, New York.
Am. Steel Grave Vault Co., Galion, Ohio.
Am. Steel Package Co., machst., Defiance, Ohio.
Am. Steel Pipe & Tank Co., Los Angeles, Cal.
Am. Steel Scaffold Co., steel scaffold brackets, 250 Sheridan av, Detroit, Mich.
Am. Steel Scraper Co., road scrapers, Sidney, Ohio.
Am. Steel Spring Co., 2341 Keystone av, Chicago, Ill.
Am. Steel Tube Co., Toledo, Ohio.
Am. Steel & Tin Plate Co., Pittsburgh, Pa.
Am. Steel & Tube Co., pipe & fittings, Lorain, Ohio.
Am. Steel Window Co., 334 S. Michigan av, Chicago, Ill.
Am. Steel & Wire Co., 208 S. La Salle, Chicago, Ill. *See adv index at end of book.*
Am. Steel Wool Mfg. Co., 451 Greenwich, New York.
Am. Sterilizer Co., sterilizing & disinfecting apparatus, Erie, Pa.
Am. Rubbing Stone Co., Floyds Knobs, Ind.
Am. Stone Ballast Co., Prov. Bank Bldg., Cincinnati, Ohio.
Am. Stone Co., Richmond, Va.
Am. Stone Trade, trade publications, 537 S. Dearborn, Chicago, Ill.
Am. Stopper Co., machy., 19 Verona, Brooklyn, N Y.
Am. Storage Battery Co., Albro, Boston, Mass.
Am. Stove Co., water heaters, etc., St. Louis, Mo.
Am. Stove & Range Co., Keokuk, Ia.
Am. Straw Board Co., Akron, Ohio.
Am. Straw Board Co., wrapping paper, etc., Times Bldg., New York.
Am. Sugar Refining Co., 117 Wall, New York.
Am. Suit Case Mfg. Co., 17 Walker, New York.
Am. Supply & Machinery Co., machy. dlrs., Omaha, Neb.
Am. Supply Co., mill & facty. supplies, 135 Washington, Providence, R. I.
Am. Surety Co., indemnity bond insurance, 100 B'way, New York.
Am. Swiss File & Tool Co., machs., 24 John, New York.
Am. Synthetic Color Co., Stamford, Conn.
Am. Synthite Co., impregnating compounds, 30 Church, New York.
Am. Syrup & Preserving Co., canners, Terminal Trks. & E. Union, St. Louis, Mo.
Am. System of Reinforcing, concrete reinforcing matls., 10 S. La Salle, Chicago, Ill.
Am. Tag Co., 6133 State, Chicago, Ill.
Am. Tag Co. of N. J., 123 Sussex av, Newark, N. J.
Am. Tank & Pump Co., gasoline pumps, 407 Golden Gate, San Francisco, Cal.
Am. Tap Bush Co., Detroit, Mich.
Am. Tap & Die Co., taps, dies & screw plates, mfrs., Greenfield, Mass. *See adv index at end of book.*
Am. Tar Products Co., 208 S. La Salle, Chicago, Ill.
Am. Telegraph Typewriter Co., 251 W. 19th, New York.
Am. Tent & Awning Co., 307 Wash. av N, Minneapolis, Minn.
Am. Terra Cotta & Ceramic Co., Peoples Gas Bldg., Chicago, Ill.
Am. Textile Banding Co., Marshall & Hunting Pk, Phila., Pa.
Am. Thermo-Ware Co., 16 Warren, New York.
Am. Thermos Bottle Co., Norwich, Conn.
Am. Thermometer Co., 3146 Lucas, St. Louis, Mo.
Am. Thermostat Co., heat regulators, 101 Mechanic, Newark, N. J.
Am. Thread Co., 260 W. B'way, New York.
Am. 3-Way Prism Co., sidewalk lights & ventilator mfrs., etc., La Porte, Ind.
Am. Thresherman, trade publication, Madison, Wis.
Am. Tie & Timber Co., Brunswick, Ga.
Am. Tin & Terne Plate Co., 34th & Vine, Philadelphia, Pa.
Am. Tire Fabric Co., Newburyport, Mass.
Am. Tire & Rubber Co., Akron, Ohio.
Am. Tool & Mfg. Co., Urbana, Ohio.
Am. Tool & Machine Co., engineers, founders & machinists, sugar centrifugals a specialty, 10 High, Boston, Mass.
Am. Tool Works Co., lathes, planers, etc., Cincinnati, Ohio.
Am. Top Co., Jackson, Mich.
Am. Torgoment Flooring Co., Hampden & Charles, Minneapolis, Minn.
Am. Tower & Tank Co., Elgin, Ill.
Am. Toy Wks., 7 Chatham sq, New York.
Am. Track Barrow Co., Lowell, Mass.
Am. Tractor Co., engines, Des Moines, Ia.
Am. Tractor Corp., Peoria, Ill.
Am. Trading Co., importers, 25 Broad, New York.
Am. Transformer Co., 145 Miller, Newark, N. J.
Am. Tripoli Co., Seneca, Mo.
Am. Trunk & Bag Co., 109 Federal, Pittsburgh, Pa.
Am. Trunk & Case Co., 29 Wells, Chicago, Ill.
Am. Trunk Co., 1039 Central av, Cincinnati, Ohio.
Am. Tube Bending Co., New Haven, Conn.
Am. Tube Co., 37th & Rockwell, Chicago, Ill.
Am. Tube & Stamping Co., hot & cold rolled strip steel & stampings, Bridgeport, Conn.
Am. Tube Wks., 10 Oliver, Boston, Mass.
Am. Tubular Axle Co., Toledo, Ohio.
Am. Tug Boat Co., Everett, Wash.
Am. Type Fdrs. Co., type cases, 200 William, New York, & Communipaw av, Jersey City, N. J.
Am. Typewriter Co., 265 B'way, New York.
Am. Vacuum Cleaning Co., 17 Wadsworth, Buffalo, N. Y.
Am. Valve Co., Coxsackie, N. Y.
Am. Valve & Meter Co., Cincinnati, Ohio.
Am. Valve & Tank Co., machsts., Indianapolis, Ind.
Am. Vanadium Co., vanadium alloys, Vanadium Bldg., Pittsburgh, Pa.
Am. Varnish Co., 1140 N. Branch, Chicago, Ill.
Am. Varnish Wks., 425 Greenpoint av, Brooklyn, N. Y.
Am. Velvet Co., Stonington, Conn.
Am. Veneer Column Co., 913 Grand, Brooklyn, N. Y.
Am. Veneer Co., Hoboken, N. J.
Am. Viscose Co., artificial silk, Marcus Hook, Pa.
Am. Vitrified Conduit Co., B'way & 23d, New York.
Am. Vulcanized Fibre Co., 504 Equitable Bldg., Wilmington, Del.
Am. Wagon Co., 8th & Sycamore, Cincinnati, Ohio.
Am. Wall Bed Co., 1339 W. 21st, Chicago, Ill.
Am. Wall Pocket Mfg. Co., 1021 Main, Buffalo, N. Y.
Am. Warehouse Co., Wichita, Kans.
Am. Warming & Ventg. Co., dry earth closets, Elmira, N. Y.
Am. Warp Drawing Machine Co., tex. machy. supplies, etc., 95 Milk, Boston, Mass.
Am. Watch Case Co., 15 Maiden la, New York.
Am. Watchman's Clock Co., 150 Nassau, New York.
Am. Watchman's Time Detector Co., 3403 Perkins av, Cleveland, Ohio.
Am. Water Motor Co., Columbus, Ohio.
Am. Water Softener Co., water filters, 1003 Chestnut, Phila., Pa.
Am. Water Supply Co., paper dishes, plates, spoons, 251 Causeway, Boston, Mass.
Am. Wax Co., 161 Summer, Boston, Mass.
Am. Welding Co., boilers, cylinders, kettles, tanks, etc., Carbondale, Pa.
Am. Well Prospecting Co., mill & factory supp., Los Angeles, Cal., & Corsicana, Tex.
Am. Well Works, well drilling machy., pumps, oil & gas well supplies, etc., Aurora, Ill.
Am. Whalebone Co., 454 Broome, New York.
Am. Whip Co., Westfield, Mass.
Am. Window Glass Co., Farmers' Bank Bldg., Pittsburgh, Pa.
Am. Wire Fabrics Co., 208 S. La Salle, Chicago, Ill.

Am. Wire Fence Co., 10 S. La Salle, Chicago, Ill.
Am. Wood Board Co., Schuylerville, N. Y.
Am. Wood Pipe Co., 302 McDougal, Brooklyn, N. Y.
Am. Wood Pipe Co., Tacoma, Wash.
Am. Wood Preserving Co., 1351 N. Branch, Chicago, Ill.
Am. Wood Rim Co., Onaway, Mich.
Am. Woodwork Mfg. Co., plumbers, Evansville, Ind.
Am. Woodworking Co., 19 Warren, New York.
Am. Wood Working Co., 4345 Wabansia av, Chicago, Ill.
Am. Woodworking Machy. Co., dado & panel raising machs., Rochester, N. Y.
Am. Woolen Co., woolen blankets, 245 Slate, Boston, Mass.
Am. Wringer Co., 99 Chambers, New York.
Am. Writing Mach. Co., 343 B'way, New York.
Am. Writing Paper Co., specialties of all kinds, Holyoke, Mass.
Am. Wrought Anvil Co., 298 Union av, Brooklyn, N. Y.
Am. X-Ray Equipt. Co., 50 E. 42nd, New York.
Am. Zinc & Chemical Co., 61 Broadway, New York.
Am. Zinc, Lead & Smelting Co., 120 B'way, New York, & 55 Congress, Boston, Mass.
Am. Zinc Products Co., Greencastle, Ind.
Americus Construction Co., Americus, Ga.
Americus Home Mixture Guano Co., Americus, Ga.
Americus Mfg. Co., lumber, Americus, Ga.
Americus Oil Co., Americus, Ga.
Amerman, M. T., cornices & skylights, Onarga, Ill.
Amerman & Patterson, carbolic acid, etc., 21 State, New York.
Ames, A. T., Mfg. Co., machinists, Niles, Cal.
Ames, B. C., Co., clock makers' machy., Waltham, Mass.
Ames Bag Machine Co., mchsts. & fndrs., 5606 Euclid av, Cleveland, Ohio.
Ames Bending Co., Celina, Ohio.
Ames, Bonner Co., brushes, Toledo, Ohio.
Ames Bros., flour, Hutchinson, Minn.
Ames-Dean Carriage Co., wagons, Jackson, Mich.
Ames, F. A., Co., auto. wood bodies, Owensboro, Ky.
Ames & Filstead Co., typewriter parts, 607 S. Dearborn, Chicago, Ill.
Ames & Ginty, cornices & skylights, Hereford, Boston, Mass.
Ames-Harris-Neville Co., ore bags, bags & bagging, Potrero & Alameda, San Francisco, Cal., and Tents, Portland, Ore.
Ames Iron Works, engines & boilers, Oswego, N. Y.
Ames, J. C., Lbr. Co., masons' & bldrs.' matls., Streator, Ill.
Ames, J. K., lumber mfrs., Mexico, N. Y.
Ames, John W., architect, 15 Exchange, Boston, Mass.
Ames, Merritt, Chemical Wks., Glens Falls, N. Y.
Ames Mill, flour, Northfield, Minn.
Ames Motor Car Co., Owensboro, Ky.
Ames Plow Co., Quincy Hall, Boston, Mass.
Ames Shipbuilding & Dry Dock Co., Seattle, Wash.
Ames Shovel & Tool Co., Ames Bldg., Boston, Mass.
Ames Sword Co., polishing belts, key chains, rifles, swords, etc., Chicopee, Mass.
Ames, W., & Co., iron rolling mills, Jersey City, N. J.
Ames, Wm. O., contractor, Ellensburg, Wash.
Amesbury Brass & Foundry Co., Amesbury, Mass.
Amesbury Metal Body Co., Amesbury, Mass.
Amesbury Top Co., Amesbury, Mass.
Amesbury, Wm. H., contractor, Wilkes-Barre, Pa.
Ameudt Milling Co., flour, Monroe, Mich.
Amherst Cut Stone Co., Amherst, Ohio.
Amherst Mfg. Co., cotton thread, Amherst, Mass.
Amherst Stone Quarries Co., Cleveland, Ohio.
Amicalola Marble Co., Atlanta, Ga.
Amidon, Frank, l'br., Richmond, N. H.
Amidon, G. F., l'br., West Chesterfield, N. H.
Amiesite and Stone Co., stone, Baltimore, Md.
Ammann Mfg. & Const. Co., 163 Av D, New York.
Ammann & Co., brick, Decatur, Ill.
Ammidon & Co., tin plate, metals, etc., 31 S. Frederick, Baltimore, Md.
Amole Products Co., soap, Pontiac Bldg., St. Louis, Mo.
Amory, F. D., Jr., architect, 812 Madison av, New York.
Amos, Chas., & Co., steel struct. wk., 640 Hart av, Detroit, Mich.
Amos, Geo. E., & Co., wholesale hdwe., Fairmont, W. Va.
Amoskeag Mfg. Co., tickings & denims, Manchester, N. H.
Amoskeag Paper Mill Co., Manchester, N. H.
Amphion Piano Player Co., pneumatic piano actions, Syracuse, N. Y.
Ampt, Chas. F., Co., shoe blacking, 112 E. Water, Cincinnati, O.
Amrein, Wm. P., contractor, 919 N. Moulton av, Baltimore, Md.
Amron Mfg. Co., elec. portables, 506 S. Wells, Chicago, Ill.
Ams, Max, Inc., meat packers, 372 Greenwich, New York.
Ams, Max, Machine Co., can making machinery & power presses, mfs., Bridgeport, Conn.
Amsel Constr. Co., Inc., 927 B'way, Brooklyn, N. Y.
Amsler Blue Print Co., architects' & engineers' supplies, 30 Church, New York.
Amsler, C. (Est. of), meal, Hempstead, Tex.
Amsler, Jacob H., architect, 1616 Crosby av, New York.
Amsler, W. H., contractor, Franklin, Pa.
Amsler, Walter O., combustion engn'g, Wabash Bldg., Pittsburgh, Pa.
Amsterdam Broom Co., Amsterdam, N. Y.
Amsterdam Bldg. Co., 140 W. 42d, New York.
Amsterdam Canning Co., Amsterdam, Mo.
Amsterdam Drop Forging Co., Amsterdam, N. Y.
Amundsen, A., & Co., machsts., 542 W. Jackson blvd, Chicago, Ill.
Amusement Supply Co., moving picture machs., 5 S. Wabash av, Chicago, Ill.
Amy, W. S., cornices & skylights, Council Bluffs, Ia.
Anaconda Copper Mining Co., Anaconda, Mont.
Anacortes Fisheries Co., canned goods, Seattle, Wash.
Anacortes Glass Co., fruit jars, Anacortes, Wash.
Anacortes Lumber & Box Co., Anacortes, Wash.
Anadarko Milling Co., flour, Anadarko, Okla.
Analomink Paper Co., North Water Gap, Pa.
Ancarrow, Newton, E., contractor, Richmond, Va.
Anchey's, A. G., & Sons, machsts. & fndrs., Codorus, Pa.
Anchor Art Glass Co., 220 W. 4th, Cincinnati, Ohio.
Anchor Blasting Mat & Rope Co., 245 E. 32d, New York.
Anchor Box Co., Western & Section Fairmt., Cincinnati, Ohio.
Anchor Bolt & Nut Co., Poughkeepsie, N. Y.
Anchor Brass Wks., mchsts. & fndrs., 141 W. Austin av, Chicago, Ill.
Anchor Brass & Aluminum Co., Cincinnati, Ohio.
Anchor Buggy Co., carriages, C. H. & D. Ry., nr. Gest, Cincinnati, Ohio.
Anchor Cap & Closure Corp., 81 Prospect, Brooklyn, N. Y.
Anchor Concrete Const. Co., Evansville, Ind.
Anchor Concrete Stone Co., Rock Rapids, Ia.
Anchor Core Soap Co., 180 No. Dearborn, Chicago, Ill.
Anchor Corrugating Const. Co., port. fireproof garages, 140 Washington, New York.
Anchor Duck Mills, bags & bagging, Rome, Ga.
Anchor Electric Co., electrodes, 557 W. Jackson, Chicago, Ill.
Anchor Fence & Iron Co., Cleveland, Ohio.
Anchor Fish Co., canned, Anacortes, Wash.
Anchor Knitting Mills, bathing suit mfrs., Cohoes, N. Y.
Anchor Milling Co., flour, Galveston, Tex.
Anchor Oil & Chemical Co., Cleveland, Ohio.
Anchor Packing Co., Lafayette Bldg., Philadelphia, Pa.
Anchor Post Iron Wks., ornamental iron, 167 B'way, New York.

BRANCH OFFICES:

79 Milk, Boston, Mass.
902 Main, Hartford, Conn.
Real Estate Trust Co. Bldg., Broad & Chestnut, Philadelphia, Pa.
Guardian Bldg., Euclid av, Cleveland, Ohio
Empire Bldg., Atlanta, Ga.
1410 "H," N. W., Washington, D. C.

Anchor Pottery, Trenton, N. J.
Anchor Refining Co., lubricating oils & greases, 82 Woodroad, Jersey City, N. J.
Anchor Sanitary Co., plumbers' supplies, jobbers, 123 3rd av, Pittsburgh, Pa.
Anchor Spring & Bedding Co., Nashville, Tenn.
Anchor Stone Co., 2937 Lyndale S., Minneapolis, Minn.
Anchor Stove & Range Co., New Albany, Ind.
Anchor Supply Co., machsts, contrs., tents, etc., Evansville, Ind.
Anchor Webbing Co., cotton sleeving & webbing, Pawtucket, R. I.
Ancram Paper Mills, 150 W. 22nd, New York.
Andalusia Fertilizer Co., Andalusia, Ala.
Anderes, John, & Son, contractors, Wausau, Wis.
Anders Constr. Co., Rockefeller Bldg., Cleveland, Ohio.
Anders, Geo. E., brick, 1886 Fairmount av, Fairmt., Cincinnati, Ohio.
Anders & Snyder, contractors, Heed Bldg., Philadelphia, Pa.
Andersen, John, contractor, Kewanee, Ill.
Andersen Spec. Co., wood fillers, extension planks, 6 E. Lake, Chicago, Ill.
Anderson, A., granite producer, South Ryegate, Vt.
Anderson, A. B., architect, N. Y. Life Bldg., Kansas City, Mo.
Anderson, A. & E., Co., contractors, 19 La Salle, Chicago, Ill.
Anderson, A. F., archl. iron, 5844 Loomis, Chicago, Ill.
Anderson, A. H., brass castings, etc., 1213 Fulton, Chicago, Ill.
Anderson, A. J., & Co., contrs., Louisville, Ky.
Anderson, A. M., Co., 67 Algonquin, Providence, R. I.
Anderson, A. R., & Co., shoetrees, Arlington, N. J.
Anderson, Aaron, contractor, Rock Island, Ill.
Anderson, Albert, contractor, Plymouth Bldg., Minneap., Minn.
Anderson, Albert & J. M., Mfg. Co., mfrs. time switches, plugs & receptacles, trolley line material, electric switches & breakers, 289 A, Boston, Mass.
Anderson, Andrew G., stone, 5838 Justine, Chicago, Ill.
Anderson, Aug. B., architect, 47 W. 34th, New York.
Anderson, Aug. E., contractor, Prudential Bldg., Buffalo, N. Y.
Anderson, Axel, stone producer, Memphis, Tenn.
Anderson & Belcher, fertilizer, Starrsville, Ga.
Anderson Box & Basket Co., Henderson, Ky.
Anderson Bros., contractors, Albert Lea, Minn.
Anderson Bros., fndrs, 1388 Fulton, Chicago, Ill.
Anderson Bros., carriages, Colon, Mich.
Anderson Bros., machsts., Jamestown, N. Y.
Anderson Bros. Canning Co., Oskaloosa, Ia.
Anderson Bros. Co., contractors, Council Bluffs, Ia.

Anderson Bros. Co., cornices & skylights, 394 Grove, Jersey City, N. J.
Anderson Bros. & Johnson Co., granite, Wausau, Wis.
Anderson, C. F., & Co., machsts., 710 S. Clark, Chicago, Ill.
Anderson, C. J., & Co., architects, Green Bay, Wis.
Anderson, C. J., & Co., rheostats, 212 W. Austin av, Chicago, Ill.
Anderson, Carl, Co., machsts., 867 Larrabee, Chicago, Ill.
Anderson, Carl, Elec. Corp., teleph. & appar., 143 W. 36th, New York.
Anderson Carriage Co., Columbus, Ohio.
Anderson Carriage Mfg. Co., Anderson, Ind.
Anderson, Chas., hod elev., 983 Pacific, Brooklyn, N. Y.
Anderson, Chas. B., fndrs., 109 S. Clinton, Chicago, Ill.
Anderson, Chas. L., machst., 569 W. Van Buren, Chicago, Ill.
Anderson, Chas. M., architect, 324 N. Charles, Baltimore, Md.
Anderson, Chas. M., machst., 1831 Blake, Denver, Colo.
Anderson Chemical Co., Wallington, N. J.
Anderson & Christiansen, carriages, Lincoln, Neb.
Anderson, Clais, architect, Stamford, Conn.
Anderson Co., agricultural implements, 2324 University av, St. Paul, Minn.
Anderson & Co., raincoats & mackintoshes, Trenton, N. J.
Anderson Computing Scale Co., Anderson, Ind.
Anderson Cotton Mills, sheetings, Anderson, S. C.
Anderson County Cotton Oil Co., fertilizer mfrs., Palestine, Tex.
Anderson Coupling & Fire Supply Co., fire alarms, hose carriages & carts, Kansas City, Kan.
Anderson, Cyrus I., contractor, 1077 4th, E., Salt Lake City, Utah.
Anderson, D. Wiley, architect, 922 E. Main, Richmond, Va.
Anderson-Darragh Co. (Ltd.), mchsts. & fndrs., 3206 Penn av, Pittsburgh, Pa.
Anderson Die Machine Co., die forming machines, tapping machines, etc., 544 Iranistan av, Bridgeport, Conn. *See adv index at end of book.*
Anderson, Donald G., architect, 28 E. 49th, New York.
Anderson & Dougherty, cornices & skylights, Salinas, Cal.
Anderson, E. L., Distillery Co., 6th & Overton, Cincinnati, Ohio.
Anderson, E. D., Inc., label machs., etc., 101 Park av, New York.
Anderson Elec. Car Co., stor. battery trucks, Milwaukee Junction, Detroit, Mich.
Anderson Elec. Mach. Tool Co., 1324 Cass av, St. Louis, Mo.
Anderson Elec. Spec. Co., lamp cord adjusters, 562 W. Vanburen, Chicago, Ill.
Anderson, E. P., & Co., gum arabic imprs., etc., 99 John, New York.
Anderson, E. W., Constr. Co., Newcastle, Pa.
Anderson Electric Specialty Co., 562 W. Vanburen, Chicago, Ill.
Anderson Engine Co., 4036 N. Rockwell, Chicago, Ill.
Anderson Engineering & Supply Co., range boiler heaters, Peekskill, N. Y.
Anderson, Eric J., patterns & models, Hartford, Conn.
Anderson, F. W., & Co., auto. tops & windshields, Phila., Pa.
Anderson Fertilizing Co., Anderson, Ind.
Anderson Forge & Mach. Co., crankshafts, Detroit, Mich.
Anderson Foundry & Machine Works, Anderson, Ind.
Anderson, Frank W., agricultural implements, Portland, N. Y.
Anderson & Frankel, architects, Lexington, Ky.
Anderson, Fred, Co., contractors, 2810 Bryant av, S., Minneapolis, Minn.
Anderson, G., contractor, Oconomowoc, Wis.
Anderson, G. A., & Co., stone producers, 16th av, S. E. Elm, Minneapolis, Minn.
Anderson, G. A., Manfg. Co., fire dept. supplies mfrs., Baltimore, Md.
Anderson, G. A., Piano Co., Rockford, Ill.
Anderson, G. L., brass works, Birmingham, Ala.
Anderson, G. P., & Co., steam fitters' supplies, 65 Oliver, Boston, Mass.
Anderson Gas Appliance Co., stoves, Anderson, Ind.
Anderson, Geo., architect, 6046 Lawton av, Berkeley, Cal.
Anderson, Geo., & Co., machsts., Newark, N. J.
Anderson, Geo. H., & Co., bath room fixtures, 1467 W. Austin av, Chicago, Ill.
Anderson, Geo. P., & Co., mill & facty. supplies, 65 Oliver, Boston, Mass.
Anderson, Geo. S., Co., machsts. & fndrs., Jeffersonville, Ind.
Anderson & Gow., bldg. contrs., Duluth, Minn.
Anderson, Gus, brooms, Salina, Kans.
Anderson, Gustavus, contractor, Camden, N. J.
Anderson, H. A., architect, Long Beach, Cal.
Anderson, H. J., Co., l'br., Portland, Ore.
Anderson, H. O., & Son., sashes, doors & blinds, Sturgis, S. D.
Anderson, Hans, contractor, Racine, Wis.
Anderson, Hamill Constr. Co., Pueblo, Colo.
Anderson Hardware Co., Anderson, S. C.
Anderson Hardware Co., New Bethlehem, Pa.
Anderson, Helga A., architect, 5 N. La Salle, Chicago, Ill.
Anderson, Homer, wire measuring machs., Peekskill, N. Y.
Anderson & Ireland Co., whol. hdwe., 111 Light, Baltimore, Md.
Anderson, J. B., & Co., contractors, Richard av, Birmingham, Ala.
Anderson, J. F., Lumber Co., Mitchell, S. D.
Anderson, J. H. & C. P., contractors, Piqua, Ohio.
Anderson, J. P., & Co., confectioners' mchy., 422 N. 6th, Philadelphia, Pa.
Anderson, Jas. E., masons' & bldrs.' matls., Woodland, Ill.
Anderson, Jas., & Sons, lubrg. oils, Sidney, Ohio.
Anderson & Jensen, common brick, Roberts, Ill.
Anderson, John J., machinist, Cannon Falls, Minn.
Anderson & Johnson, contractors, 75 Roosevelt av., Jersey City, N. J.
Anderson & Jones, paper & pulp mill architects, Carthage, N. Y.
Anderson, Julius J., architect, Drexel Bldg., Philadelphia, Pa.
Anderson, K. A., cornices & skylights, Tacoma, Wash.
Anderson-Kenneth Co., mill & facty. supplies, 33 Atwater, Detroit, Mich.
Anderson Knife & Bar Co., Anderson, Ind.
Anderson Lbr. Corp., Marion, S. C.
Anderson & Lind Mfg. Co., sash, door & blind mfrs., 2127 Iowa, Chicago, Ill.
Anderson Lumber Co., Charleston, S. C.
Anderson Lumber Co., Passaic, N. J.
Anderson Lumber Co., South Stillwater, Minn.
Anderson-McCutchon Co., water heaters, Peekskill, N. Y.
Anderson & McGregor Co., masons' & bldrs.' matls., Bellaire, O.
Anderson, M., Brick Co., Minneapolis, Minn.
Anderson Mach. & Fdry. Co., Anderson, S. C.
Anderson Mach. Wks., drilling & tapping machs., Peekskill, N. Y.
Anderson Mfg. Co., lbr. mfrs., Tampa, Fla.
Anderson Mfg. Co., Elyria, Ohio.
Anderson Mfg. Co., fuel economizers, 1922 Arch, Philadelphia, Pa.
Anderson Mfg. Co., jigs & fixtures, Elyria, Ohio.
Anderson Mattress Co., Anderson, Ind.
Anderson Mattress & Spring Bed Co., Anderson, S. C.
Anderson & Middleton Lumber Co., Aberdeen, Wash.
Anderson Motor Co., Rock Hill, S. C.
Anderson, O. D., masons' & bldrs.' matls., Anderson, S. C.
Anderson & Osterman, elevators, 131 Washington, Providence, R. I
Anderson, P. J., lumber, Hardwood, Mich.
Anderson, Peter, Co., carriages, Lafayette, Ind.
Anderson Phosphate & Oil Co., Anderson, S. C.
Anderson, Pierce, architect, Railway Exchange, Chicago, Ill.
Anderson, Probst & White, architects, Railway Exchange Bldg., Chicago, Ill.
Anderson, R. C., contractor, Mount Vernon, Ohio.
Anderson, R. K., machinist, Fort Scott, Kans.
Anderson, R. N., & Co., building contr., Lyric Bldg., Richmond, Va.
Anderson, Richard, heating contractor, 277 W. 117th, New York.
Anderson, Richard, stone producer, 3112 Osgood, Chicago, Ill.
Anderson & Ringrose, contractors, 320 Market, San Francisco, Cal.
Anderson Rolled Gear Co., worm gear rings, Cleveland, Ohio.
Anderson, S. J., flour mills, Burns, Tenn.
Anderson, Samuel, common brick, Taylorville, Ill.
Anderson & Slonaker, lbr. mfrs., Del. av & Poplar, Phila., Pa.
Anderson & Spilman, flour mills, Danville, Ky.
Anderson Supply Co., eng'ng. & surveying instrs., Seattle, Wash.
Anderson, T., masons' & bldrs.' matls., Milan, Minn.
Anderson, T. P., varnish, 304 Madison av, New York.
Anderson T. R., contractor, Oklahoma, Okla.
Anderson Tack Co., Rockland, Mass.
Anderson-Tully Co., lumber, Memphis, Tenn.
Anderson, V. D., Co., air & steam traps, steam and oil separators, etc., 1935 W. 96th, Cleveland, Ohio.
See adv index at end of book.
Anderson, Vance, Co., contrs., Fargo, N. D.
Anderson & Veatch, architects, Evansville, Ind.
Anderson Vehicle Co., carriages, Fond du Lac, Wis.
Anderson, W. A., & Co., advtg. nov., 83 Fulton, New York.
Anderson, W. J., & Co., sealing machy., tags, tapes, etc., 341 B'way, New York.
Anderson-Whitson Co., contractors, Lumber Exchange, Minneapolis, Minn.
Anderson, W. H., Tool & Supply Co., Brush & Macomb, Detroit, Mich.
Anderson, W. L., architect, Lakeville, Mass.
Anderson, W. M., htg. contractors, 2017 Sansom, Phila., Pa.
Anderson, Wm. B., Foundry Co., brass castings, 28 S. Clinton, Chicago, Ill.
Anderson, Wm. C., architect, Brunswick, Ga.
Anderson & Winbald, contractors, 6235 S. Michigan av, Chicago, Ill.
Anderson Wrench Co., Portland, Conn.
Anderson's, John D., Sons, 952 Green av, Brooklyn, N. Y.
Anderson's, L. G., Sons, masons' & bldrs.' matls., Franklin, Ohio.
Anderton, E. K., metallic sash bars, 210 Grand, New York.
Andes, E. B., & Co., match plates, Lancaster, Pa.
Andler, Adam, cornices, 3028 Highland av, Mt. A., Cincinnati, Ohio.
Andover Motor Vehicle Co., Andover, Mass.
Andrae, Julius, & Sons Co., telephones & apparatus, etc., 362 B'way, Milwaukee, Wis.
Andre, B., contractor, New London, Conn.
Andree, Frank W., & Co., architects, Cawker Bldg., Milwaukee, Wis.

Andres, Eugene C., Co., cotton waste, 141 Milk, Boston, Mass.
Andres, Jos., grain cradles, Kelso, Ind.
Andres Stone & Marble Co., Keefe av & Richards, Milwaukee, Wis.
Andresen Hardware Co., 724 S. 6th, Minneapolis, Minn.
Andresen-Ivans Co., grab buckets, 80 E. Jackson blvd., Chicago, Ill.
Andresen, Jacob, Co., elec. & gas light fix., 314 S. 4th, Minneapolis, Minn.
Andresen, Theodore, architect, 643 Barry av, Chicago, Ill.
Andrew, C. A., canned goods, Conowingo, Md.
Andrew, David M., Co., contractors, Mt. Vernon & 26th, Baltimore, Md.
Andrew & Harrer, contractors, 1002 Fessenden, Portland, Ore.
Andrew, Jno. Hy., & Co. (Ltd.), steel, 26 Cortlandt, New York.
Andrew, L. J., & Co., canned goods, Bethlehem, Md.
Andrew, M. L., & Co., machsts., Cincinnati, Ohio.
Andrew Motor Mfg. Co., gas engines, Milwaukee, Wis.
Andrewartha, John, architect, 921½ Congress av, Austin, Tex.
Andrews, A. H., Co., bank, office, store & school fixtures, etc., 115 So. Wabash av, Chicago, Ill.
Andrews Asphalt Paving Co., Hamilton, Ohio.
Andrews, B. B., lbr., Birnamwood, Wis.
Andrews Bros., contractors, B. of L. E. Bldg., Cleveland, Ohio.
Andrews Bros., masons' & bldrs.' matls., Jacksonville, Ill.
Andrews Bldg. Co., 1475 B'way, New York.
Andrews, Chas. M., architect, 69 W. 36th, New York.
Andrews Constr. Co., East End Trust Bldg., Pittsburgh, Pa.
Andrews Heating Co., heating contrs., Minneapolis, Minn.
Andrews, Isaac W., & Sons, coffins, etc., So. Woodstock, Me.
Andrews, J. B., & Co., canned goods, Hurlock, Md.
Andrews, J. M., & Sons Co., bldg. contrs., Somerville, Mass.
Andrews, Jacques, & Rantoul, architects, 50 Congress, Boston, Mass.
Andrews, John T., & Co., paper & pulp mills, Penn Yan, N. Y.
Andrews, L. E., & Co., mill & facty. supplies, Gloucester, Mass.
Andrews' Loom Reed Harness Wks., tex. machy., Spartanburg, S. C.
Andrews Lumber Co., New Bethlehem, Pa.
Andrews, M. P., & Co., architects, Petersburg, Va.
Andrews Mfg. Co., hdwe. mfrs., 388 Harmony, Philadelphia, Pa.
Andrews, O. B., Co., corrugated paper boxes, cartons, etc., Chattanooga, Tenn.
Andrews, Paul A., architect, 40 W. 38th, New York.
Andrews & Peck Co., sash, door & blind mfrs., Hartford, Conn.
Andrews, R. P., Paper Co., confetti, Washington, D. C.
Andrews, S. P., contractor, Chicago Junction, Ohio.
Andrews Steel Co., Newport, Ky.
Andrews, Thos. G., & Co., laundry tray wastes, 30-32 Wendell, Boston, Mass.
Andrews Tractor Co., 26th & University av, Minneapolis, Minn.
Andrews, W. A., & Son, flour, Necessity, Tex.
Andrews, W. H., architect, 101 Tremont, Boston, Mass.
Andrews, Wm., Inc., boiler compound, 120 Liberty, New York.
Andrews, Wm. P., Canned Goods Co., Crapo, Md.
Andrews, Wm. R., contractor, 3839 Ellis, Chicago, Ill.
Andrews Wire & Iron Works, Rockford, Ill.
Andreykovicz & Dunk, aniline colors, 58 N. Front, Phila., Pa.
Androscoggin Fdry. Co., Auburn, Me.
Androscoggin Mills, cotton sheetings, bags, etc., Lewiston, Me.
Androscoggin Pulp Co., 50 State, Boston, Mass.
Androvette & Townsend, varnish, shellac, etc., 235 Water, New York.
Andrus & Bode, contractors, Lewis Bldg., Portland, Ore.
Andrus, Chas. B., & Son, contractors, Hartford, Conn.
Andrus, David, lumber mfrs., Perry, N. Y.
Andrus-Loveland Co., elevator safety devices, Moffat Bldg., Detroit, Mich.
Andry, Paul, architect, 510 Tulane Newcomb, New Orleans, La.
Angel, A. W., architect, 3739 Princeton av, Los Angeles, Cal.
Angel, H. Reeve, & Co., importers & selling agents, 7 Spruce, New York.
Angeles Mattress & Feather Wks., 3917 S. Main, Los Angeles, Cal.
Angelina County L'br. Co., Keltys, Tex.
Angell, Arnold A., architect, 302 S. Kildare av, Chicago, Ill.
Angell Belt Hook Co., 16 Warren av, Providence, R. I.
Angell, Chas. E., machst., 223 Aborn, Providence, R. I.
Angell Elevator Lock Co., 370 Atlantic av, Boston, Mass.
Angell, H. C., & Co., lbr. mfrs., Grand Rapids, Mich.
Angell, H. M., lumber, 49 Westminster, Providence, R. I.
Angell, Harry S., architect, Free Press Bldg., Detroit, Mich.
Angell Nail & Chaplet Co., Cleveland, Ohio.
Angell & Swift, architects, 87 Weybosset, Providence, R. I.
Angelus Couch & Furniture Mfg. Co., mattresses, Los Angeles, Cal.
Angelus Drafting Co., architects, 756 S. B'way, Los Angeles, Cal.
Angelus Rubber Co., mill & factory supp., Los Angeles, Cal.
Angelus Sanitary Can Mach. Co., 298 S. Fernando Blvd., Los Angeles, Cal.
Anger Engng. Co., 303 16th, Milwaukee, Wis.
Angers, J. A., & Bro., contractors, lbr., Springfield, Mass.
Angert Iron & Wire Wks., 6028 Grove av, Chicago, Ill.
Angier Mills, wrapping paper, cornices & skylights, etc., Ashland, Mass.
Angle Hardware Co., Piqua, Ohio.
Angle Mfg. Co., ice cream freezers, 244 W. 23d, New York.
Angle Steel Sled Co., Otsego, Mich.
Angle Steel Stool Co., Otsego, Mich.
Angler's Bait & Mfg. Co., 913 W. Randolph, Chicago, Ill.
Anglev & Cole, boat oars, Brewer, Me.
Angldile Computing Scale Co., Elkhart, Ind.
Anglo-American Co., elec. lamp flashlights, 634 Smithfield, Pittsburgh, Pa.
Anglo-Am. Mill Co., Owensboro, Ky.
Anglo-American Provision Co., meat packers, U. S. Yards, Chicago, Ill.
Anglo-American Varnish Co., 53 Johnston, Newark, N. J.
Angmore Mfg. Co., water heaters, Sweeney av, Cleveland, Ohio.
Angne Co., archl. wood turning, Cincinnati, Ohio.
Angola Brick & Tile Co., Angola, Ind.
Angola Engine & Fdry. Co., Angola, Ind.
Angora Knitting Mill, sweaters, Detroit, Mich.
Angora Spec. Co., sweaters, cardigans, etc., 87 34th, Bklyn, N. Y.
Anguera Lbr. & Tie Co., 111 W. Washington, Chicago, Ill.
Angus Engineering Co., 87 Wall, New York.
Angus, Nelson E., packing box, Amherst, Mass.
Animal Oil Co., belt dressing, Ontario nr. Del. River, Phila., Pa.
Animate Toy Co., 31 E. 17th, New York.
Anis, Albert, architect, Ashland Blk., Chicago, Ill.
Ankenbauer, B., landscape architect, 5139 Inwalle av, Cincinnati, Ohio.
Ankeney Linseed Mfg. Co., Flaxseed, Des Moines, Ia.
Anker-Holth Mfg. Co., mchsts. & fndrs., cream separators, Port Huron, Mich.
Anketell Lumber & Coal Co., 2235 Dime Bank Bldg., Detroit, Mich.
Ankyra Mfg. Co., bolt, nut & rivet mfrs., Wayne Junct., Philadelphia, Pa.
Ann Arbor Carriage Wks., Ann Arbor, Mich.
Ann Arbor Machine Co., Ann Arbor, Mich.
Anna Cotton Mills, Kingsmountain, N. C.
Anna Lumber & Mfg. Co., Anna, Ill.
Annan, J. P., architect, Com'l Bk. Bldg., Shreveport, La.
Annear, Wm., mill & facty. supplies, 57 N. 2d, Philadelphia, Pa.
Annenberg, J. D., & Co., scrap iron & steel, Aurora, Ill.
Anness, H. W., & Co., flag mfrs., 409 Pearl, New York.
Anness & Potter Fire Clay Co., Woodbridge, N. J.
Annett & Bros., granite, 12 W. 141st, New York.
Annin & Co., flags & pennants, 99 Fulton, New York.
Annino, Jos. S., contractor, Middletown, Conn.
Anniston Cordage Co., sash cords, etc., Anniston, Ala.
Anniston Fertilizer Co., Anniston, Ala.
Anniston Foundry Co., Anniston, Ala.
Anniston Hardware Co., Anniston, Ala.
Anniston Lime Co., Anniston, Ala.
Anniston Mfg. Co., cotton sheetings, Anniston, Ala.
Annville Lime, Stone & Products Co., Lebanon, Pa.
Annville Stone Co., Annville, Pa.
Ansbacher, A. B., & Co., color mfrs., 527 5th av, New York.
Ansco Co., photographic supplies, Binghamton, N. Y.
Ansell, Oscar, machst., Springfield, Ill.
Anslinger Sheet Metal Wks. Co., Springfield, Mo.
Anson, Gilkey & Hurd Co., lumber, shooks, Merrill, Wis.
Anson Shingle & Lbr. Co., Kansas City, Mo.
Ansonia Clock Co., 99 John, New York.
Ansonia Electrical Co., burglar alarms, electric bells, magnets, push buttons, wires, etc., Ansonia, Conn.
Ansonia Mfg. Co., mchsts. & fndrs., Ansonia, Conn.
Ansonia Mfg. Co., marine clocks, 71 8th av, New York.
Ansonia Mfg. Co., sewage disposal plants, etc., 15 Park Row, New York.
Ansonia Novelty Co., metal nov. & spec., Ansonia, Conn.
Ansonia, O. & C., Co., laces, Ansonia, Conn.
Ansonia Trap Rock Co., stone producers, Ansonia, Conn.
Ansorge, Carl T., architect, 2011 Seminary av, Chicago, Ill.
Ansted & Burk Co., flour & feed mills, Springfield, Ohio.
Anstedt, C., Leather Co., 560 Commerce, Milwaukee, Wis.
Anstey, A. D., architect, 1 Bridge Plaza, Long Island City, N. Y.
Anstice, Josiah, & Co., hardware specialties, 238 N. Water, Rochester, N. Y.
Anstine, W. W., & Co., contractors, 1218 Filbert, Philadelphia, Pa.
Ansul Chemical Co., sulphur dioxide, Marinette, Wis.
Antakwa Co., paints & waterproofing matls. mfrs., 133 W. Washington, Chicago, Ill.
Anthe Mach. Works, Covington, Ky.
Anthe, Phil J., & Co., advtg. novelties, Cincinnati, Ohio.
Anthoine, Geo. A., steam fitters' supplies, Biddeford, Me.
Anthony Co., crucible & fuel oil burning furnaces, 138 West av, Long Island City, N. Y.
Anthony, D. S., trunk mfr., Sioux City, Ia.
Anthony, Frank P., heating contr., 280 Washington, Boston, Mass.
Anthony, H. P., architect, 1420 Clarkson, Denver, Colo.
Anthony, J. J., architect, Moscow, Idaho.
Anthony, Mark, masons' & bldrs.' matls., Streator, Ill.
Anthracite Bridge Co., steel struct. wk., Scranton, Pa.
Anthracite Separator Co., Hazleton, Pa.
Anthracite Welding & Mach. Co., Scranton, Pa.
Anthrol Wood Preserving Co., 12 E. 15th, New York.
Anti-Borax Compound Co., Ft. Wayne, Ind.
Ant-Dust Chemical Co., sweeping compounds, 1001 Water, Denver, Colo.

Anti-Hydro Waterproofing Co., 9 Orchard, Newark, N. J.
Anti-Kalsomine Co., wall finish, Grand Rapids, Mich.
Anti-Stick Co., waterproofing materials, Westerville, Ohio.
Antietam Paper Co., Hagerstown, Md.
Antigo Canning Co., Antigo, Wis.
Antigo Mfg. Co., broom handles, Antigo, Wis.
Antill, Jos., contractor, Houston, Tex.
Antiseptic Broom Co., Savannah, Ga.
Antiseptol Liquid Soap Co., 564 W. Randolph, Chicago, Ill.
Antoine & Son, machsts., Passaic, N. J.
Anton, Geo. T., & Bro., boxes, lamps, miners', Monongahela, Pa.
Antonori & Smith, contr., Newport News, Va.
Antonovich, Emil P., architect, 20 Montgomery, San Francisco, Cal.
Antox Paint Co., Indianapolis, Ind.
Antozone Chemical Co., soap, etc., 32 Old slip, New York.
Antrim Iron Co., Grand Rapids, Mich.
Antrim Lime Co., Grand Rapids, Mich.
Antrim Lbr. Co., Wright Bldg., St. Louis, Mo.
Antrobus, John H., architect, Montrose, Colo.
Antwerp Naval Stores Co., turpentine, Savannah, Ga.
Anyan, Wm. S., contractor, Greenwich, Conn.
Anylite Electric Regulator Co., Fort Wayne, Ind.
Any Package Wrapping Co., machines, 42 Spring, Newark, N. J.
Apalachee Fertilizer Co., Apalachee, Ga.
Apalachie Fertilizer Co., Apalachie, Ga.
Apco Asphalt Roofing Co., 47 W. 34th, New York.
Apel, Gustav E., htg. contr., 575 4th. av, Brooklyn, N. Y.
Apelt, Herman, oils, horse hair, 76 Wall, New York.
Apex Appliance Co., clothes washing machines, 3223 W. 30th, Chicago, Ill.
Apex Color Wks., 50 B'way, New York.
Apex Elec. Mfg. Co., elec. sad & soldering irons, 1410 W. 59th, Chicago, Ill.
Apex Electrical Mfg. Co., Vacuum Cleaners, 1111 Power av, Cleveland, Ohio.
Apex Equipt. Co., steam shovels, etc., 63 Wall, New York.
Apex Fish Co., canned, Anacortes, Wash.
Apex Pulverizing Mills, Inc., grinding & pulverizing wks., 254 Eagle, Brooklyn, N. Y.
Apffel, Phillip, Co., lenses, 54 John, New York.
Apgar, John A., architect, 246 N. 7th, Newark, N. J.
Apollo Elec. Steel Co., Apollo, Pa.
Apollo Metal Works, La Salle, Ill.
Apollo Player Piano Co., 518 W. 55th, New York.
Apollo Steel Co., iron rolling mills, Apollo, Pa.
Apollo Woolen Mills, Apollo, Pa.
Apostilico, Alphonso, contractor, Scranton, Pa.
Apothecaries Hall Co., chemicals, Waterbury, Conn.
Appalachian Apple Orchards, canned, Tallulah Park, Ga.
Appalachian Marble Co., Knoxville, Tenn.
Appel, Henry L., Co., contractors, 179 W. Washington, Chicago, Ill.
Appenheimer, Jno. L., stone, 75 Appenheimer av, Buffalo, N. Y.
Apperson Bros. Auto. Co., Kokomo, Ind.
Apple Plumbing & Htg. Co., cornices, West Chester, Pa.
Applebee, B. L., architect, Ossining, N. Y.
Appleby Bros., canned goods, Fayetteville, Ark.
Appleby Bros. & Whittaker Co., plumbers' & steam fitters' supplies, Harrisburg, Pa.
Appleby, T. H., & Co., horse collars, Syracuse, N. Y.
Applegarth, C. L., Co., canned goods, ft. of Webster, Baltimore, Md.
Applegarth, G. A., architect, Claus Spreckels Bldg., San Francisco, Cal.
Applegarth, W. F., canned goods, Golden Hill, Md.
Applegate Chemical Co., indelible inks, 6322 Ellis av, Chicago, Ill.
Applegate, Jos. H., brick, Trenton, N. J.
Appleton Brass Co., ball cocks, 3 Appleton, Boston, Mass.
Appleton Canning Co., Grand Junction, Colo.
Appleton Car Mover Co., 547 Eldorado, Appleton, Wis.
Appleton, Chas. J., contractor, Heed Bldg., Philadelphia, Pa.
Appleton Coated Paper Co., Appleton, Wis.
Appleton Co., cotton flannels, Lowell, Mass.
Appleton Const. Co., contrs., Appleton, Wis.
Appleton Counter Co., Haverhill, Mass.
Appleton Elec. Co., conduit fittings, clamps & hangers, 224 N. Jefferson, Chicago, Ill.
Appleton, F. H., Son, reclaimed rubber, 185 Summer, Boston, Mass.
Appleton Hay Tool Co., Appleton, Wis.
Appleton Machine Co., paper & pulp mill, Appleton, Wis.
Appleton Mfg. Co., agricultural implements, Batavia, Ill.
Appleton Paper & Pulp Co., Appleton, Wis.
Appleton, W. Cornell, architect, Exchange Bldg., Boston, Mass.
Appleton Wire Works, Appleton, Wis.
Appleton Wood Products Co., butchers' blocks, Appleton, Wis.
Appleton Woolen Mills, Appleton, Wis.
Appleyard, Geo. T., architect, Widdicomb Bldg., Grand Rapids, Mich.
Appleyard, George T., architect, Muskegon, Mich.
Appman Cornice Works, 128 Valencia, San Francisco, Cal.
Appomattox Iron Wks. & Supply Co., Petersburg, Va.
Apsley Rubber Co., rubber boots, Hudson, Mass.
Apter Bros. Mfg. Co., carbon paper & typewriter ribbons, 552 W. Harrison, Chicago, Ill.
A. P. W. Paper Co., toilet paper, holders & towels, Albany, N. Y.
Aquabar Co., waterproofing mtlrs., Real Estate Trust Co. Bldg., Philadelphia, Pa.
Aquapura Filter Mfg. Co., St. Louis, Mo.
Aquart Mfg. Co., furniture polish, Chemical Bldg., St. Louis, Mo.
Aquatic Cream Separator Co., Rochester, N. Y.
Arabol Mfg. Co., dextrine, glue, starch, etc., 100 William, New York.
Aragon Mills, cotton duck & canvas, Aragon, Ga.
Arata & Co., trunk mfrs., 118 S. 13th, Philadelphia, Pa.
Arbaugh, R. B., architect, Canton, Ohio.
Arbenz Car Co., Chillicothe, Ohio.
Arbeson & Hansen, contrs., Joliet, Ill.
Arbetter Felling Machine Co., 242 Dover, Boston, Mass.
Arbogast & Bastian Co., meat packers, Allentown, Pa.
Arbogast, S. G., brick, Farmer City, Ill.
Arbuckle & Co., mchsts. & fndrs., Rushville, Ind.
Arbuckle Bros., sugar refineries, 71 Water, New York.
Arbuckle-Ryan Co., mill & facty. supplies & machy. dlrs., Toledo, Ohio.
Arbuckle & Son, brick, Homer, Ind.
Arbuckle & Son, brick, Rays Crossing, Ind.
Arc, K. N., architect, B'way Central Bldg., Los Angeles, Cal.
Arcade Machine Wks., New Milford, Conn.
Arcade Malleable Iron Co., Worcester, Mass.
Arcade Mfg. Co., mfrs. coffee mills, hdwe., toys, molding machines, etc., Freeport, Ill.
Arcade Planing Mill Co., Arcade, N. Y.
Arcade Steam Heating Co., 126 W. Kinzie, Chicago, Ill.
Arcadia Advt. Specialties Co., Inc., Newark, N. J.
Arcadia Canning Works, Arcadia, Ind.
Arcadia Cotton Oil & Mill & Mfg. Co., Arcadia, La.
Arcadia Mill Co., flour, Enterprise, N. C.
Arcadia Mills, cotton sheetings, Spartanburg, S. C.
Arcadia Trailer Corp., Newark, N. J.
Archambault, Albert, granite, Holyoke, Mass.
Archard, Richard J., contractor, 60 Murray, Fall River, Mass.
Archbald, E. L., Co., contractors, 111 W. Washington, Chicago, Ill.
Archbold-Brady Co., steel structural wks., Syracuse, N. Y.
Archbold Brick & Tile Co., Archbold, Ohio.
Archdeacon & Sullivan, contractors, 5 E. Concord, Boston, Mass.
Archer & Allen, architects, Central Savings Bk. Bldg., Baltimore, Md.
Archer & Baldwin, machy. dlrs., 114 Liberty, New York.
Archer Blower & Pipe Co., Seattle, Wash.
Archer, C. S., canned goods, Pylesville, Md.
Archer, Chris., contractor, West New Brighton, N. Y.
Archer-Daniels Linseed Co., 2901 S. E., Minneapolis, Minn.
Archer-Frost Co., architects, 1900 Euclid av, Cleveland, Ohio.
Archer, Geo., brick, Haverstraw, N. Y.
Archer, Geo. F., sewerage disposal plants; tele. & app., 10 E. 43d, New York.
Archer, H. & Co., contractors, 314 S. 10th, Minneapolis, Minn.
Archer Iron Works, steel automobile truck bodies, 2436 W. 34th pl., Chicago, Ill.
Archer, J. W., & Son, canned goods, Wilna, Md.
Archer, John, canned goods, Magnolia, Md.
Archer Mfg. Co., dental, barber chairs, etc., Rochester, N. Y.
Archer & Pancoast Co., elec. & gas light fixtures, 507 W. 24th, New York.
Archer Piano Co., 511 E. 72d, New York.
Archer Rubber Co., Milford, Mass.
Archer Strauss Rubber Co., soles, Framingham, Mass.
Archey, Brant, Coal Co., masons' & bldrs.' matls., Frankfort, Ind.
Archery Co., toys, games & nov., Glen Falls, N. Y.
Archibald, F., Co., boot counters, Haverhill, Mass.
Archibald Guilford Wheel Co., Guilford, Conn.
Archibald Mfg. Corp., shoe blacking, Rochester, N. Y.
Archibald Wheel Co., 150 West, Lawrence, Mass.
Architect (The), trade publication, 245 Mission, San Francisco, Cal.
Architects' Card File Co., advtg. nov., 35 Montgomery, San Francisco, Cal.
Architects' & Engrs.' Supply Co., 913 Grand av, Kansas City, Mo.
Architectural Contrg. Co., 101 Park av, New York.
Architectural Decorating Co., decorations, plastic relief, 1600 S. Jefferson, Chicago, Ill.
Architectural Designing Co., Grosse Bldg., Los Angeles, Cal.
Architectural Iron & Bronze Wks., 425 Potrero av, nr. 17th, San Francisco, Cal.
Architectural League of N. Y., 215 W. 57th, New York.
Architectural Metal Works, 157 E. 85th, New York.
Arch'l Cornice & Skylight Wks., 4077 Park av, New York.
Archl. Mold Co., Warren & Medrum avs, Detroit, Mich.
Arch'l Record, trade publication, 119 W. 40th, New York.
Architecture, trade publication, 597 5th av, New York.
Architecture & Bldg., trade publication, 23 Warren, New York.
Arco Co., paints, varnishes & enamels, etc., Euclid & E. 65th, Cleveland, Ohio.
Arctic Ice Machine Co., ice & refrigerating machines, Canton, Ohio.
Arden Manufg. Co., toys, Guttenberg, N. J.
Ardis & Co., Ltd., masons' & bldrs.' matls., Shreveport, La.
Ardmore Brick & Tile Co., Ardmore, Okla.
Ardmore Milling Co., flour, Ardmore, Okla.

Ardmore Refining Co., petroleum & its products, Ardmore, Okla.
Ardrey, S. B., & Sons, mchsts. & fndrs., Briston, Pa.
Arenander, Carl E., architect, 587 Summer av, Newark, N. J.
Arend, Ernest A., architect, 105 W. 40th, New York.
Arensberg & Clemence, cornices, 924 Moyamensing, Phila., Pa.
Arex Co., ventilators, 1591 Conway Bldg., Chicago, Ill. *See adv index at end of book.*
Argillo Wks., sewer pipe, Carbon Cliff, Ill.
Argillo Wks., brick, Rock Island, Ill.
Argo Milling Co., buckwheat flour, Charlevoix, Mich.
Argo Motor Co., Jackson, Mich.
Argus Mfg. Co., pen clips, 402 N. Paulina, Chicago, Ill.
Argus Novelty Co., swings, La Porte, Ind.
Argus Smelting Co., 47 W. 34th, New York.
Arguto Oilless Bearing Co., Wayne Junc., Philadelphia, Pa.
Ariola, G., & Co., granite, Montpelier, Vt.
Arion Mfg. Co., talking machines, Boston, Mass.
Arista Mills Co., sheeting, Winston-Salem, N. C.
Arithstyle Co., adding machines, 35 W. 39th, New York.
Ariton Fertilizer Co., Ariton, Ala.
Arizona Copper Co., Clifton, Ariz.
Arizona Gypsum Plaster Co., Douglas, Ariz.
Arizona Hardware Supply Co., wholesale, Phoenix, Ariz.
Arizona Iron Works, Phoenix, Ariz.
Arizona Lumber & Mill Co., Tucson, Ariz.
Arizona Lumber & Timber Co., Flagstaff, Ariz.
Arizona Marble Co., Bowie, Ariz.
Arizona & Sonora Mfg. Co., machinists & fndrs., Nogales, Ariz.
Arkadelphia Milling Co., lumber, Arkadelphia, Ark.
Ark. Brick & Mfg. Co., Little Rock, Ark.
Ark. Bridge Co., contrs., Waldheim Bldg., Kansas City, Mo.
Ark. City Milling Co., flour, Arkansas City, Kan.
Ark. City Veneer & Box Co., sash, door & blind, Arkansas City, Kan.
Ark. Coffin Co., South Fort Smith, Ark.
Ark. Cypress Shingle Co., Little Rock, Ark.
Ark. Fertilizer Co., Little Rock, Ark.
Ark. Industrial Univ., engng. schools & coll., Fayetteville, Ark.
Ark. Land & Lumber Co., Malvern, Ark.
Ark. Lime Co., Ruddells, Ark.
Ark. Lumber Co., Warren, Ark.
Ark. Mill Supply Co., Pine Bluff, Ark.
Ark. & Miss. Hdwe. Co., Helena, Ark.
Ark. Oak Flooring Co., Pine Bluff, Ark.
Ark. Orchard Planting Co., canned goods, Highland, Ark.
Ark. Soapstone Refractories Co., Little Rock, Ark.
Ark. Soft Pine Bureau, lumber, Little Rock, Ark.
Ark. Valley Fence Co., Wichita, Kan.
Ark. Zinc & Smelting Corp., spelter, Van Buren, Ark.
Arkell Safety Bag Co., paper bag mfrs., 120 B'way, New York.
Arkell & Smiths, paper bags, Canajoharie, N. Y.
Arkisen Bros., brick, Hudson, N. Y.
Arkmo Packing Co., Decatur, Ark.
Arkwright Mills, cotton sheetings, Fall River, Mass.
Arlett, Arthur, contractor, Call Bldg., San Francisco, Cal.
Arlington Art Glass Wks., Atlanta, Ga.
Arlington Canning Assn., Arlington, Minn.
Arlington, Claude L., architect, 507 Main, Worcester, Mass.
Arlington Coal & Coke Co., Lynchburg, Va.
Arlington Lumber Co., Arlington, Ky.
Arlington Machine Works, Arlington Heights, Mass.
Arlington Mfg. Co., fertilizer mfrs., Arlington, Ga.
Arlington Mfg. Co., paints, Canton, Ohio.
Arlington Milling & Lumber Co., Hillyard, Wash.
Arlington Oil & Guano Co., fertilizer mfrs., Arlington, Ga.
Arlington Refrigerator Co., Arlington, Vt.
Arlington Works, The (E. I. du Pont de Nemours & Co.), toilet article mfrs., etc., 21 E. 40th, New York.
Arlitt, Max., cornices, Austin, Tex.
Armbruster, M., & Sons, scenic artists, 249 S. Front, Columbus, Ohio.
Armbruster, Otto, machsts & fndrs., Sheboygan Falls, Wis.
Armendinger, M., & Son, contractors, 1153 Myrtle av, Brooklyn, N. Y.
Armentrout & Sons, wholesale hdwe., 1710 14th, N. W., Washington, D. C.
Armer, Clarence H., & Bro., hogsheads, Augusta, Ky.
Armfield, G. W., architect, Greensboro, N. C.
Armiger Chemical Co., carriage dressing, 2151 Austin av, Chicago, Ill.
Arminius Chemical Co., 44 Pine, New York.
Arminius Chemical Co., ores, purities & sulphur, Mineral, Va.
Armitage, Jno. L., & Co., wood fillers, 54 Dawson, Newark, N. J.
Armitage Manufg. Co., pitch, Richmond, Va.
Armitage, Wm. H., architect, 417 Montgomery, San Fran., Cal.
Armleder, O., Co., automobile bldrs., 12th & Plum, Cincinnati, O.
Armon Mfg. Co., rope, twine, Mount Holly, N. C.
Armor Clad Mfg. Co., filing cabinets, Canton, Ohio.
Armour Ammonia Wks., 3130 Benson, Chicago, Ill.
Armour, C. P., & Co., brick, Houston Station, Del.
Armour & Co., meat packers, 208 S. La Salle, Chicago, Ill.
Armour Fertilizer Wks., United Stock Yards, Chicago, Ill.
Armour Curled Hair & Felt Wks., 3131 Benson, Chicago, Ill.
Armour Glue & Ammonia Wks., Postal Telegraph Bldg., San Francisco, Cal.
Armour Glue Wks., 49 Commercial Wharf, Boston, Mass.; 3130 Benson, Chicago, Ill.; & 120 B'way, New York.
Armour Institute of Technology, engng. school & college & testing laboratory, 3300 Federal, Chicago, Ill.
Armour, Judson, carriages, East Downington, Pa.
Armour Leather Co., 175 N. Franklin, Chicago, Ill.
Armour Sandpaper Wks., 1355 W. 31st, Chicago, Ill.
Armour Soap Wks., 3130 Benson, Chicago, Ill.
Armourdale Fdry. Co., Kansas City, Kan.
Armourdale Lbr. & Supply Co., Arkansas City, Kan.
Arms, H. G., stone prod., Bristol, Conn.
Arms Leather Nov., Amherst, Mass.
Armspear Mfg. Co., lamps, 447 W. 53d, New York.
Armstrong, A. A., purchasing agent, Union Bank Bldg., Pittsburgh, Pa.
Armstrong, A., Co., carriages, 719 State av, Cincinnati, Ohio.
Armstrong, A. J., architect, 516½ Market, Shreveport, La.
Armstrong, A. R., contractor, 145 E. Willis, Detroit, Mich.
Armstrong-Blum Mfg. Co., rod cutters, punches & shears, etc., 337 N. Francisco av, Chicago, Ill.
Armstrong Bros., cornices, Springfield, Ill.
Armstrong Bros. Tool Co., tool holders, etc., 339 N. Francisco av, Chicago, Ill.
Armstrong, C. E., & Sons, wholesale hdwe., Clinton, Ia.
Armstrong, Charles R., architect, Denegre bldg., New Orleans, La.
Armstrong Co., cements, putty, 124 Post av, Detroit, Mich.
Armstrong & Co., cook furnaces, 7 Wood, Pittsburgh, Pa.
Armstrong & Cooke, contractors, 1407 Brighten rd, Pittsburgh, Pa.
Armstrong Cork & Insulation Co., 24th & A. V. R. R., Pittsburgh, Pa.
Armstrong & De Gelleke, architects, 122 E. 25th, New York.
Armstrong, Eliza J., packing box mfrs., 489 Washington, New York.
Armstrong, F. A. W., & Co., screw machine products, 358 Atlantic av, Boston, Mass.
Armstrong, Frank H., architect, Seward Bldg., Auburn, N. Y.
Armstrong, Fred A., switch blocks, 348 Court, Brooklyn, N. Y.
Armstrong, G. R., Mfrs. Supplies, Inc., mill, facty. & munition supplies, 252 Franklin, Boston, Mass.
Armstrong, G. W., cornices, Shelby, Ohio.
Armstrong, Geo. W., & Co., Inc., iron & steel bars, Fort Worth, Tex.
Armstrong & Graham, harness, 128 Jefferson av, Detroit, Mich.
Armstrong, H. J., & Co., loose leaf devices, 538 S. Clark, Chicago, Ill.
Armstrong, I., & Co., sash, door & blind, Danbury, Conn.
Armstrong, J. B., Co., canned goods, Norfolk, Va.
Armstrong, J. C., Mach. & Fdry. Co., Peoria, Ill.
Armstrong, J. H., Co., masons' & bldrs.' matls., Fort Worth, Tex.
Armstrong, Jno. A., architect, 10 S. La Salle, Chicago, Ill.
Armstrong, Jno., Lime & Quarry Co., Alton, Ill.
Armstrong-Johnston Mfg. Co., auto. bodies, Columbus, Ohio.
Armstrong, Joseph M., architect, Annapolis, Md.
Armstrong, Landon Co., wholesale hdwe., Kokomo, Ind.
Armstrong & Latta Co., contractors; dock bldrs., Land Title Bldg., Philadelphia, Pa.
Armstrong, M., Co., wood & metal auto. bodies, 433 Chapel, New Haven, Conn.
Armstrong Mach. & Well Wks. Co., Ltd., Welsh, La.
Armstrong Mach. Wks., Three Rivers, Mich.
Armstrong Machinery Co., machsts. & fndrs., Spokane, Wash.
Armstrong, Maitland & Co., glass stainers, etc., 58 W. 10th New York.
Armstrong Mfg. Co., brick, Hicksville, Ohio.
Armstrong Mfg. Co., corn racks, Ottumwa, Ia.
Armstrong Mfg. Co., mech. stokers, Springfield, Ohio.
Armstrong Mfg. Co., forgings and machsts. & fndrs., Waterloo, Iowa.
Armstrong Mfg. Co., saw tools. 42nd, Portland Ore.
Armstrong Mfg. Co., water, gas & steam fitters' tools, 278 Knowlton, Bridgeport, Conn. *See adv index at end of book.*
Armstrong Oiler Co., car journal lubricators, Commonwealth Trust Bldg., Philadelphia, Pa.
Armstrong, P. M., & Co., tin plate, metals, Lisbon, Ohio.
Armstrong Packing Co., lubricating oils & greases, soap, meat, Dallas, Tex.
Armstrong Paint & Varnish Works, 2502 S. Pauline, Chicago, Ill.
Armstrong & Parker, bolts, screws, washers, etc., Bath & North, Baltimore, Md.
Armstrong, Paul, advtg. spec., 564 W. 160th, New York.
Armstrong, R. S., & Bro., mill & facty. supplies, Atlanta, Ga.
Armstrong Rubber Co., heels, tubing, 118 Adams, Newark, N. J.
Armstrong Stove & Mfg. Co., Perryville, Md.
Armstrong-Thielman Lumber Co., Calumet, Mich.
Armstrong Truck Co., North Wales, Pa.
Armstrong & Veley, machsts., Kalamazoo, Mich.
Armstrong, W. H., Co., surgical instruments, 34 W. Ohio, Indianapolis, Ind.
Armstrong, Walter, machst., Springfield, Mass.
Armstrong, Wm., machst. & fndr., Maryville, Mo.
Armstrong, W. B., contractor, Everett, Boston, Mass.
Armstrong, William, knitted gloves, Needham Heights, Mass.
Armstrong, Wm. H., carriage wheels, South Coventry, Conn.

Armstrong-Wolfe-Zimmerman Co., mill & facty. supplies, 1st & Market, Pittsburgh, Pa.
Arndt Bros., rye & wheat flour, Sheboygan, Wis.
Arndt, Wm., cornices, Easton, Pa.
Arnell, Robt., lbr., Lewes, Del.
Arneson Fdry. Co., Kenosha, Wis.
Arnett, C. C., machst. & fndr., Gainesville, Tex.
Arnett, Edw. B., contractor, Sea Isle City, N. J.
Arnett, Lee, Co., road culverts, Lincoln, Neb.
Arnold, A. A., architect, Weston, W. Va.
Arnold, Adam, brick, Thomasville, Ga.
Arnold Bros., meat packers, 660 W. Randolph, Chicago, Ill.
Arnold, C. N., Co., masons' & bldrs.' matls., Poughkeepsie, N. Y.
Arnold, Casper, & Son, sashes, doors & blinds, Cullman, Ala.
Arnold, Cheney & Co., ivory, gum arabic imprs., 82 Beaver, New York.
Arnold, Clinton C., architect, Scarboro-on-Hudson, N. Y.
Arnold & Co., lbr. mfrs., Albany, N. Y.
Arnold & Co., stove casters, Norwalk, Conn.
Arnold Co., contrs., 105 S. La Salle, Chicago, Ill.
Arnold Co., tex. machy., iron castings, etc., Norwalk, Conn.
Arnold, Conrad, stone prod., 1207 Orange, Syracuse, N. Y.
Arnold-Creager Co., machinery, New London, Ohio.
Arnold Damper, Inc., Goshen, Ind.
Arnold, Daniel, machst. & fndr., Warren, Ind.
Arnold, E. W., architect, Battle Creek, Mich.
Arnold Electric Co., drink mixers, hair dryers, electric motors, massage vibrators, etc., Racine, Wis.
Arnold, Elmer H., Co., cornices, Superior, Wis.
Arnold-Evans Co., mill & facty. supplies, Spokane, Wash.
Arnold, F., & Sons, instruments, 310 N. Eutaw, Baltimore, Md.
Arnold, H. H., Co., machsts. & fndrs., Rockland, Mass.
Arnold, Harry J., architect, 345 5th av, New York.
Arnold, Hoffman & Co., aniline colors, alkali & starch mfrs., 55 Canal, Providence, R. I.
Arnold, Lew K., architect, Grandview, Wash.
Arnold Lumber Co., Ensley, Ala.
Arnold & Murdock, machsts., Kenosha, Wis.
Arnold, N. B., metal polish, rust preventatives, 1 Sigourney, Brooklyn, N. Y.
Arnold Print Wks., machsts. & fndrs., North Adams, Mass.
Arnold, R. H., Co., contractors, 830 McGarry, Los Angeles, Cal.
Arnold, S. A., landscape architect, 50 Broomfield, Boston, Mass.
Arnold, S. G., steel facty. equipment, 2619 W. Vanburen, Chicago, Ill.
Arnold, Samuel, architect, 2996 Adeline, Berkeley, Cal.
Arnold, Schwinn & Co., bicycle mfrs., 1718 N. Kildare av, Chicago, Ill.
Arnold & Stern, architects, East. Av Bldg., Rochester, N. Y.
Arnold, Thos., cornices, Lancaster, Pa.
Arnold & Van House, architects, Daly Bk. Bldg., Butte, Mont.
Arnold, W. A., fertilizer mfr, Clio, Ala.
Arnold, W. E., rubber molds, Malden, Mass.
Arnold-Wagner Elec. Co., door key lights, South Bend, Ind.
Arnold, Wm. H., sash, door & blind, Adams, Mass.
Arnold & Zeiss, crude rubber, 347 Madison av, New York.
Arnolds, G. W., Son, agricultural implements, Ionia, Mich.
Arnold's, J. H., Son, labels, stamps, stencils, 47 Fulton, New York.
Arnot, A. M., cornices & skylights, Charleston, S. C.
Arnott & Co., machinery, Los Angeles, Cal.
Arnould, A. A., contractor, Davenport, Ia.
Arnstein, Eugene, paints, enamels, bronze powders, 45 W. 26th, Chicago, Ill.
Arntzen Co., Inc., hospital stretchers, 808 N. Clark, Chicago, Ill.
Arny, C. W., & Son, mill & facty, supplies, Trenton & Somerset, Philadelphia, Pa.
Arny, Chas., iron, steel, Elizabeth, N. J.
Aronauer, Joseph, mattresses, 61 Chrystie, New York.
Aroner, J., architect, 130 N. 5th av, Chicago, Ill.
Aronoff, Joseph J., canvas & leather bags & specialties, Trenton, N. J.
Aroostock Produce Co., starch mfrs., Houlton, Me.
Aroostock Valley Starch Co., Fort Fairfield, Me.
Arora Co., clothes washing machines, 46 E. 41st, New York.
Arp & Hammond Hardware Co., Cheyenne, Wyo.
Arpin Hardwood Lumber Co., oak flooring, Grand Rapids, Wis.
Arpin, J. B., contractor, Houston, Tex.
Arpin, J. B., Dredging Co., Grand Rapids, Wis.
Arpin, John, Lumber Co., Grand Rapids, Wis.
Arpp, Simpson Co., contractors, Middletown, Ohio.
Arps, G. L., & Co., fertilizer mfrs., Norfolk, Va.
Arrah-Wanna Moccasin Co., hunting boots, Brockton, Mass.
Arras Cream Separator Co., machsts., Bluffton, Ohio.
Arrel Limestone Co., Youngstown, Ohio.
Arrigoni, F., & Bro., contractors, Middletown, Conn.
Arrington Fdry. & Mach. Co., Brookhaven, Miss.
Arrington, H. J., Co., lumber, Claremont, Va.
Arrow Boiler Compound Co., Roe Bldg., St. Louis, Mo.
Arrow Bottlers Machy. Co., 17 N. La Salle, Chicago, Ill.
Arrow Conductor & Mfg. Co., 1536 W. Adams, Chicago, Ill.
Arrow Electric Co. (The), electric wiring device mfrs., Hartford, Conn.
Arrow Head Mfg. Co., lime mfrs., St. Louis, Mo.
Arrow Mfg. Co., electric motors, etc., Toledo, Ohio.
Arrow Motor & Machine Co., marine engines, 30 Church, New York.
Arrowhead Mills, Inc., sulphite pulp, Fulton, N. Y.
Arrowsmith Concrete Tool Co., Arrowsmith, Ill.
Arsholouis Thermometer Mfg. Co., Industrial Bldg., Syracuse, N. Y.
Art Bedstead Co., 37th & Rockwell, Chicago, Ill.
Art Brass Co., 299 E. 134th, New York.
Art Brass & Wire Wks., archl. iron, Forest & Ellery, Detroit, Mich.
Art Castings Wks. 104 Verona, Newark, N. J.
Art Gas & Electric Fixture Co., 329 Elmwood av, Buffalo, N. Y.
Art Glass Co., 74-78 Fort E, Detroit, Mich.
Art Glass Co., La Crosse, Wis.
Art Glass Studios, 374 E. 141st, New York.
Art Graphic Co., pennant mfrs., 129 Fulton, New York.
Art Hardware & Mfg. Co., Seattle, Wash.
Art Iron & Wire Works, Toledo, Ohio.
Art Lamp Mfg. Co., 1258 W. 15th, Chicago, Ill.
Art Marble Co., 2608 Flournoy, Chicago, Ill.
Art Metal Construction Co., steel office furniture, tiles & safes, Jamestown, N. Y.
Art Metal Fireproof Door & Trim Co., 2732 Wentworth av, Chicago, Ill.
Art Metal Mfg. Co., lamps, E. 61st & Curtis av, Cleveland, Ohio.
Art Metal Products Co., metal furniture, bank fixtures, etc., 514 S. Green, Chicago, Ill
Art Metal Wks., fndrs., 7 Mulberry, Newark, N. J.
Art Mosaic & Tile Co., Toledo, Ohio.
Art Novelty Co., music cabinets, Goshen, Ind.
Art Novelty Co., 216 S. West Temple, Salt Lake City, Utah.
Art Pattern Wks., 121 Lafayette av, Detroit, Mich.
Art Shade Co., 224 N. Desplaines, Chicago, Ill.
Art Stone Co., artificial bldg. stone, 240 Market, Hartford, Conn.
Art Stone Co., Millers Falls, Mass.
Art Stone Construction Co., Miami, Fla.
Art-Stone Mfg. Co., 282 9th av, New York.
Art Stove Co., Russell & Milwaukee, Detroit, Mich.
Art Wall Paper Mills, 2414 W. 21st, Chicago, Ill.
Art Wares Mfg. Co., Indianapolis, Ind.
Arters, A., Son Co., saddles, Lisbon, Ohio.
Artesian Stone & Lime Wks., Grand & Campbell avs, Chicago, Ill.
Artesian Valley Alfalfa Milling Co., Fowler, Kans.
Artesian Well & Supply Co., Providence, R. I.
Arth Brass & Aluminum Castings Co., Cleveland, Ohio.
Arthur Co., machsts, 188 Front, New York.
Arthur, H. S. & Sons Co., cornices, Watertown, N. Y.
Arthur, J. T., machsts., Calico Rock, Ark.
Arthur, W. H., contractor, Washington Bldg., Stamford, Conn.
Artillery Fuse Co., ammunition, Church & F, Wilmington, Del.
Artista Piano Player Co., Rock Island, Ill.
Artistic Bronze Co., mchsts. & fndrs., Bridgeport, Conn.
Artistic Chandelier & Lamp Wks., 17 Battery pl, New York.
Artistic Medal & Badge Co., buttons; 1 Beekman, New York.
Artistic Nov. Co., 312 7th av, New York.
Artistic Wood Turning Wks., 515 N. Halsted, Chicago, Ill.
Artizan Brass Co., air pumps, 230 N. Jefferson, Chicago, Ill.
Artley Bros., fndrs., Muncy, Pa.
Artos Eng'g. Co., 348 Milwaukee, Wis.
Arundel Sand & Gravel Co., sand, Pier 2, Pratt, Baltimore, Md.
Arvac Mfg. Co., universal joints, Anderson, Ind.
Arvonia-Buckingham Slate Co., Richmond, Va.
Asbell, S. J., Co., mchsts. & fndrs., Paterson, N. J.
Asbestolith Mfg. Co., sanitary flooring, 1 Madison av, New York.
Asbestos Burial Casket Co., Lowville, N. Y.
Asbestos Co. of Cal., 16 Natoma, San Francisco, Cal.
Asbestos Copying Bath Co., 26 Barclay, New York.
Asbestos Felting Wks., 79 Maiden la, New York.
Asbestos Fibre Spinning Co., North Wales, Pa.
Asbestos & Mineral Corp., asbestos, 17 Battery pl, New York.
Asbestos Protected Metal Co., concrete roofing mfrs., First Nat. Bank, Pittsburgh, Pa.
Asbestos & Rubber Wks. of Am., 58th & B'way, New York.
Asbestos & Rubber Wks. of N. J., packing mfrs., Camden, N. J.
Asbestos Shingle Co., Nashua, N. H.
Asbestos Shingle, Slate & Sheathing Co., Ambler, Pa.
Asbestos Textile Co., asbestos products, 233 B'way, New York.
Asbestos Wood Co., Nashua, N. H.
Asbury Glass Sign Co., 304 Greenwich, New York.
Asbury Graphite Mills, Asbury, N. J.
Asbury, Louis H., architect, Charlotte, N. C.
Asbury Marble Co., Knoxville, Tenn.
Asbury Park Mill Co., sashes, doors & blinds, Asbury Park, N. J.
Asbury & Whitehurst, architects, 110 N. 7th, Richmond, Va.
Ascension Red Cypress Co. (Ltd.), lumber & cypress shingles, 403 Whitney bldg., New Orleans, La.
Asch & Co., auto. towing ropes, 16 W. 61st, New York.
Asch, Edgar S., Co., metal buttons, 30 W. 36th, New York.
Aschauer, C. J., architect, Decatur, Ill.
Aschenbach Harness Co., bags, belts, jack-straps, etc., 74 Warren, New York.
Aschenbach, Henry, Harness Co., mechanics' tool bags, 71 Warren, New York.
Aschenbach, Walter J., architect, 51 Wakeman av, Newark, N. J.
Ascher, Leopold Co., shaving brushes, 118 6th av, New York.
Ascher, Simon & Co., sweaters, etc., 390 4th av, New York.
Ascher Supply Co., plumbers' supplies, jobbers, 288 N. High, Columbus, O.
Asdahl & Nelson, masons' & bldrs. matls., Racine, Wis.

Asendorf, J. H., Co., lumber mfrs., Stewart Bldg., Baltimore, Md.
Asendorf, Wm. H., & Co., packing box mfrs., Russell & Stockholm, Baltimore, Md.
Aseptic Cotton Products Co., Chattanooga, Tenn.
Aseptic Hospital Supply Co., furniture, 92 Fulton, B'klyn, N. Y.
Aseptic Products Co., surgical gauze mfrs., 237 Borden av, Long Island City, N. Y.
Ash, C., & Sons, contractors, 202 Maria av, St. Paul, Minn.
Ash, Chas. H., contractor, Coatesville, Pa.
Ash, Chas. W., lumber, Coatesville, Pa.
Ash, Claudius, Sons & Co. (Ltd.), rubber goods, 1 Union sq, New York.
Ash Grove Lime & Portland Cement Co., Grand av Temple, Kansas City, Mo.
Ash, Henry M., mill & facty. supplies, Paterson, N. J.
Ash, Percy, University of Illinois, architect, Toledo, Ill.
Ash & Willey, wood handles, Bryan, Ohio.
Ashaway Clay Co., Ashaway, R. I.
Ashaway Line & Twine Mfg. Co., Ashaway, R. I.
Ashbaugh Co., paint mfrs., Columbus, Ohio.
Ashbery, Hy. C., stencils, rubber stamps, etc., 285 Washington, Buffalo, N. Y.
Ashboro Roller Mills, flour, Ashboro, N. C.
Ashboro Wheelbarrow Co., sashes, doors & blinds, ladders, Ashboro, N. C.
Ashbrook Elec. Co., storage batteries, 4111 Ravenswood av, Chicago, Ill.
Ashbrook, F. S., Dist. Co., Cynthiana, Ky.
Ashburn Lumber Co., Ashburn, Ga.
Ashburn Oil Mill, Ashburn, Ga.
Ashby, Ashby & Schulze, architects, 178 Jackson blvd, Chicago, Ill.
Ashby, Jos., contractor, 249 S. 24th, Philadelphia, Pa.
Ashby & Sons, cereal & prepared foods, Leavenworth, Kans.
Ashcraft Cotton Mills, Florence, Ala.
Archcraft-Wilkinson Co., potash, sulphate of copper, ammonia, etc., Atlanta, Ga.
Ashcroft, G. B., architect, Balboa Bldg., San Francisco, Cal.
Ashcroft Mfg. Co., alarms, clocks, gauges, indicators, recorders, etc., 119 W. 40th, New York.
Ashe-Carson Co., turpentine, Andalusia, Ala.
Asheim, Leonard, architect, 211 State, Bridgeport, Conn.
Ashelman & Gage, architects, Fargo, N. D.
Ashenden, H. H., machy. dlr., Waterbury, Conn.
Asher, A. J., lumber, Pineville, Ky.
Asher Mfg. Co., ldry. machy., Willimantic, Conn.
Asheville Constr. Co., Asheville, N. C.
Asheville Dray, Fuel & Constr. Co., Asheville, N. C.
Asheville, Mica Co., Asheville, N. C.
Asheville Milling Corp., flour, Asheville, N. C.
Asheville Packing Co., fertilizer mfrs., Asheville, N. C.
Asheville Supply & Fdry. Co., Asheville, N. C.
Ashfield, F. J., contractor, 350 Fulton, Brooklyn, N. Y.
Ashford Trunk & Bag Co., Atlanta, Ga.
Ashland Anchor & Steel Post Co., Ashland, Ohio.
Ashland Cement Constr. Co., Ashland, Ky.
Ashland Co., cotton sheetings, Ashland, R. I.
Ashland Co., lumber, Ashland, Me.
Ashland Cotton Co., umbrella cloth, Jewett City, Conn.
Ashland Emery & Corundum Co., E. Cambridge, Boston, Mass.
Ashland Fire Brick Co., Ashland, Ky., and Ironton, Ohio.
Ashland Fdry. & Mach. Works, Ashland, Ky.
Ashland Graphite Co., Ashland, Ala.
Ashland Hardware Co., Ashland, Ohio.
Ashland Iron & Mining Co., Ashland, Ky.
Ashland Iron Wks., Ashland, Ore., and 1604 W. Superior, Chicago, Ill.
Ashland Lime, Salt & Cement Co., masons' & bldrs. matls., Ashland, Wis.
Ashland Lumber Co., Ashland, Ky.
Ashland Mfg. Co., auto jacks, etc., Ashland, Ohio.
Ashland Mfg. Co., musical instrument strings, belting mfrs., etc., W. 43d & S. Hermitage av, Chicago, Ill.
Ashland Milling Co., Ashland, Ky.
Ashland Oil Mill & Fertilizer Co., Ashland, Ala.
Ashland Paint Co., Huntington, W. Va.
Ashland Paper Co., Ashland, Wis.
Ashland Products Co., auto jacks & tire savers, Ashland, Ohio.
Ashland Steel Co., Ashland, Ky.
Ashley, M. F., & Co., masons' & bldrs. matl., Attleboro, Mass.
Ashley Machine Wks., Rochester, N. Y.
Ashley Steel Building Co., Inc., portable building, 1790 B'way, New York.
Ashley, T. C., & Co., aniline colors, rubber substitutes, etc., Atlantic av, Boston, Mass.
Ashman, Geo., crushed stone, Osgood, Ind.
Ashman, S. A. & Son Co., iron forgings, 2300 E. Tioga, Phila., Pa.
Ashmead, Duffield, Jr., architect, Franklin Trust Bldg., Philadelphia, Pa.
Ashmore, Clifford, stencils, 210 Arch, Philadelphia, Pa.
Ashmore, R. W., & Sons, ties, Benhaden, Florida.
Ashmusen Mfg. Co., aeronautical motors, 266 Pearl, Providence, R. I.
Ashoyton Knitting Co., knitted gloves, Shelburne Falls, Mass.
Ashtabula Bow Socket Co., Ashtabula, Ohio.
Ashtabula Corrugated Box Co., Ashtabula, Ohio.
Ashtabula Hide & Leather Co., Ashtabula, Ohio.
Ashtabula Pail Co., Ashtabula, Ohio.
Ashtabula Shale Brick Co., Ashtabula, Ohio.
Ashton & Bridgeman, contractors, 58 Sutter, San Francisco, Cal.
Ashton Casket Co., Easton, Pa.
Ashton & Huntress, architects, 477 Essex, Lawrence, Mass.
Ashton, J. B., flour mills, Columbia, Tenn.
Ashton, J. H., & Co., drinking fountains, 271 Franklin, Providence, R. I.
Ashton, Laird & Co., welding apparatus, 607 W. 43d, New York.
Ashton Mfg. Co., burners, furnaces, torches, etc., 184 Emmet, Newark, N. J.
Ashton Valve Co., safety & relief valves, gauges, etc., 161 First, Cambridge, Mass.
Ashton-Whyte Stone Co., Salt Lake City, Utah.
Ashton, Wm. S., architect, 88 4th, Fall River, Mass.
Ashuelot Paper Co., Hinsdale, N. H.
Ashwell, G. Gouverneur, architect, 174 N. 9th, Newark, N. J.
Ashworth Bros., machsts., Fall River, Mass.
Ashworth's, J. E., Sons, horse blankets, West Brookville, N. Y.
Askam Rubber Co., reclaimed rubber, Milford, Conn.
Aske Automobile Voltage Regulator Co., Duluth, Minn.
Askew, W. S., Co., flour, lbr., Newnan, Ga.
Askew Saddlery Co., Kansas City, Mo.
Askins & Dircks Lumber Co., Union City, Tenn.
Askwith, H. A., architect, 292 E. 45th, Portland, Ore.
Asmus & Norton, architects, Stahlman Bldg., Nashville, Tenn.
Aspaugh, J. A., brick & tile, Payne, Ohio.
Asphalt Block Pavement Co., Toledo, Ohio.
Asphalt Constr. Co., Madison av & 137th, New York.
Asphalt Ready Roofing Co., 9 Church, New York.
Asphalt Roofing Co., Saginaw, Mich.
Asphaltum & Oil Refining Co., Los Angeles, Cal.
Aspinwall, Geo. H., Inc., paints, chemicals, etc., Corneilsn av, Jersey City, N. J.
Aspinwall, J. Lawrence, architect, 8 W. 40th, New Yorfl.
Aspinwall Mfg. Co., agricultural implements, Jackson, Mich.
Assau, W. F., Canning Co., Boston, cor. Streeper, Baltimore, Md.
Assay, Wilbur, architect, Asbury Park, N. J.
Assenmacher, W. J., Co., contractors, Lincoln, Neb.
Associated Automatic Sprinkler Co., 2216 Vine, Phila., Pa.
Associated Mfrs. Co., machsts. & fndrs., Waterloo, Ia.
Associated Metal Lath Manufacturers, 901 Swetland Bldg., Cleveland, Ohio.
Associated Oil Co., Sharon Bldg., San Francisco, Cal.
Associated Rolling Mills, Ltd., copper ferrules, 145 Lafayette, New York.
Associated Silver Co., cutlery mfrs., 5 S. Wabash av, Chicago, Ill.
Associated Supply Co., oil & gas well supplies, Sharon Bldg., San Francisco, Cal.
Associated Tanners' Machinery Co., hide & leather working machinery, mfrs., 424 Essex, Salem, Mass.
Associated Tile Mfrs., art, ceramic, enameled, etc., Masonic Bldg., Beaver Falls, Pa.
Astell, Hdwe. Co., cornices & skylights, Buffalo, Wyo.
Astle, H. J., & Co., exhaust fans, polishing machines, etc., 118 Orange, Providence, R. I.
Astlett, H. A., & Co., crude rubber imps., 66 Beaver, New York.
Astley, T. M., masons' & bldrs.' matls., Grand Ledge, Mich.
Astoria Boat Wks., & Marine Equipment Co., Inc., Astoria, L. I., N. Y.
Astoria Box Co., lumber, Astoria, Ore.
Astoria Casket Co., 16 Chestnut, Long Island City, N. Y.
Astoria Constr. Co., Astoria, Ore.
Astoria Contr. Co., 201 E. 66th, New York.
Astoria Mach. Wks., 54 Fulton av, Astoria, Long Island, N. Y.
Astoria & Puget Sound Canning Co., South Bellingham, Wash.
Astoria Silk Wks., plushes, 727 Steinway av, Long Island City, N. Y.
Astoria Timber & Lumber Co., Astoria, Ore.
Astoria Veneer Mills & Dock Co., ft. Blackwell, Long Island City, N. Y.
Astoria Wire Co., rubber covered wire, ft. of Court, Long Island City, N. Y.
At Last Washer Co., washing machs., Perry, Ia.
Ataglance Thermometer Co., St. Louis, Mo.
Atcheson & Barok Die Tool Co., 43 W. Long, Columbus, Ohio.
Atcheson, N. S., architect, David Whitney Bldg., Detroit, Mich.
Atchison Optical Co., Atchison, Kan.
Atchison Paving Brick Co., Atchison, Kan.
Atchison Revolving Door Co., sash, door & blind mfrs., 53 W. Jackson blvd., Chicago, Ill., and Independence, Kan.
Atchison Saddlery Co., Atchison, Kan.
Atchley, P. S., flour mills, Ebenezer, Tenn.
Aten, Hy. F., machsts. & fndrs., Hope, N. J.
Aten Sewage Disposal Co., 286 5th av, New York.
Aten & Whitlan masons' & bldrs.' matls., Ashtabula, Ohio.
Aterite, M. H., Co., Inc., non-corrosive plumbers' supplies, 55 John, New York.
Atha Tool Co., mechanics' tools, ft. of Chapel, Newark, N. J.
Athenia Steel Co., 135 William, New York.
Athens Brick Co., Athens, Ohio.
Athens Brick & Tile Co., Athens, Tex.
Athens Brick & Tile Co., Athens, Wis.
Athens Foundry & Machine Co., Athens, Ohio.
Athens Foundry & Machine Works,, Athens, Ga.

Athens Glass Co., Morgantown, W. Va.
Athens Hardware Co., Athens, Ga.
Athens Lumber Co., Athens, Ohio.
Athens Lumber Co., Morgantown, W. Va.
Athens Mach. Shop Co., Athens, N. Y.
Athens Mattress & Spring Bed Co., Athens, Ga.
Athens Pressed Brick Co., Athens, Tex.
Athens Roller Mills, flour mills, Athens, Tenn.
Athens Stove Co., mfrs., Athens, Ohio.
Atherton, Fred L., Mach. Co., textile machy. supplies, etc. (warpers), Paterson, N. J.
Atherton, G. W., masons' & bldrs.' matls., Livermore, Ky.
Atherton, Jesse, machy dlr., Providence, R. I.
Atherton, M., Sons, lbr., Anderson, Ind.
Atherton, Thos. H., Jr., architect, Coal Exchange Bldg., Wilkes-Barre, Pa.
Atherton, Walter, architect, 15 Exchange, Boston, Mass.
Athey Co., mfrs. weather strips, 2355 S. La Salle, Chicago, Ill.
Athey Sanitary Equipment Co., 1907 Michigan av, Chicago, Ill.
Athol Comb Co., Athol, Mass.
Athol Machine Co., vises, machinery & fine tools, mfrs., Athol, Mass.
Athol Mfg. Co., blankets, cushions, leather, rubber sheeting, Athol, Mass.
Athol Pump Co., Athol, Mass.
Atkin, C. B., Co., sash, door & blind, Knoxville, Tenn.
Atkin, Wm. T., Jr., brick, Deerfield, Mich.
Atkins, Alfred, contractor, 1345 Montezuma, Pittsburgh, Pa.
Atkins Bros., hubs, spokes, etc., Attoway, Va.
Atkins & Co., toys, games, etc., 7 S. Mole, Philadelphia, Pa.
Atkins & Durbrow, peat moss, hoof packing, 157 Water, New York.
Atkins, E. C., & Co., saws, tools & machinery, 41 W. South, Indianapolis, Ind.
Atkins, Ed., contractor, 249 S. 24th, Philadelphia, Pa.
Atkins, H. C., Mfg. Co., machsts., 745 S. 3rd, St. Louis, Mo.
Atkins, Kroll & Co., brick, 311 California, San Francisco, Cal.
Atkins & Pearce Mfg. Co., cordage mfrs., 5th & Eggleston av, Cincinnati, Ohio.
Atkinson, A. S. J., architect, 3801 Macomb, N. W., Washington, D. C.
Atkinson Box & Lumber Co., packing box mfrs., Hawley, Pa.
Atkinson Building Co., 239 Arcade Bldg., Norfolk, Va.
Atkinson, C. H., Paving Co., contrs., Watertown, S. D.
Atkinson Co., plumbers' brass goods, etc., 575 Lyell av, Rochester, N. Y.
Atkinson, Edw. G., architect, 434 State, Schenectady, N. Y.
Atkinson, Hugh., contractor, Carbondale, Pa.
Atkinson, J. F., contractor, 610 S. B'way, Los Angeles, Cal.
Atkinson, J. W., contractor, Richmond, Va.
Atkinson, Jas. H., stone producer, 29th & Hampden av, Baltimore, Md.
Atkinson, Lyon S., contractor, Sunset blvd., Los Angeles, Cal.
Atkinson Lbr. & Real Estate Co., Evanston, Wyo.
Atkinson-Morse Destructor Co., 71 8th av, New York.
Atkinson, Oloff, brick, Rock Island, Ill.
Atkinson, P. W., canned goods, Berkeley Springs, W. Va.
Atkinson, W. H., architect, Mt. Vernon, Ill.
Atkinson, W. H., Co., steel structural wk., Hoboken, N. J.
Atkinson-Williams Hardware Co., Fort Smith, Ark.
Atlanta Canning Co., Atlanta, Ind.
Atlanta Canning Co., Atlanta, N. Y.
Atlanta Casket Co., Atlanta, Ga.
Atlanta Contracting Co., 230 E. 42d, New York.
Atlanta Cotton Oil Co., cottonseed meal, Atlanta, Ga.
Atlanta Envelope Co., Atlanta, Ga.
Atlanta Gas Light Co., paving, roofing pitch & tar mfrs., Atlanta, Ga.
Atlanta Hardwood Lumber Co., Atlanta, Ga.
Atlanta Marble & Granite Co., Atlanta, Ga.
Atlanta Metal Bed Co., Atlanta, Ga.
Atlanta Milling Co., flour, Atlanta, Ga.
Atlanta Paper Co., Atlanta, Ga.
Atlanta Plow Co., Atlanta, Ga.
Atlanta Rubber Stamps & Stencil Wks., Atlanta, Ga.
Atlanta Steam Heating Co., Atlanta, Ga.
Atlanta Stove Works, Atlanta, Ga.
Atlanta Table Co., desks, Atlanta, Ga.
Atlanta Tent & Awning Co., Atlanta, Ga.
Atlanta Terra Cotta Co., Atlanta & East Point, Ga.
Atlanta Tile & Brick Co., Atlanta, Ohio.
Atlanta Utility Wks., machsts. & fndrs., East Point & Atlanta, Ga.
Atlanta Variety Works, cloth mops, Atlanta, Ga.
Atlanta Wood & Iron Novelty Co., Atlanta, Ga.
Atlanta Woodenware Co., wood handles, Atlanta, Ga.
Atlantic Bag Co., second-hand bags, 243 Water, New York.
Atlantic Basin Iron Wks., machsts., Summit, Brooklyn, N. Y.
Atlantic Bithulithic Co., Richmond, Va.
Atlantic Boat Co., launch & yacht motor boat bldrs., Amesbury, Mass.
Atlantic Box & Lbr. Co., 814 E. 5th, New York.
Atlantic Brick Mfg. Co., May's Landing, N. J.
Atlantic Brick Mfg. Co., 1218 Chestnut, Philadelphia, Pa.
Atlantic Brick & Tile Co., Atlantic, Iowa.
Atlantic Can Co., 2126 Boston, Baltimore, Md.
Atlantic Canning Co., Atlantic, Ia.
Atlantic Canning Co., Eastport, Me.
Atlantic Canning Co., Rehoboth Beach, Del.
Atlantic Chemical Co., fertilizer mfrs., Columbia, S. C., and Macon, Ga.
Atlantic City Plumbing Supply Co., Atlantic City, N. J.
Atlantic Coal & Coke Co., Tunnelton, W. Va.
Atlantic Coast Co., Inc., ship bldrs., Thomaston, Me.
Atlantic Coast Hardware Co., 134 Pearl, Boston, Mass.
Atlantic Coast Lbr. Corp., 1700 B'way, New York.
Atlantic Coast Sand Co., 24 Stone, New York.
Atlantic Coffin & Casket Co., Rosehill, N. C.
Atlantic Communication Co., wireless tel. instruments, 241 Lafayette, New York.
Atlantic Co., sash chains, 470-17th, Brooklyn, N. Y.
Atlantic Constr. & Supply Co., Atlantic City, N. J.
Atlantic Creosoting & Wood Preserving Wks., Norfolk, Va.
Atlantic Dock Co., 1 N Pier, Atlantic Basin, Brooklyn, N. Y.
Atlantic Drier & Varnish Co., Meadow & Wolf, Philadelphia, Pa., and 3909 Sheridan, Chicago, Ill.
Atlantic Electric Vehicle Co., 893 Freylinghuysen av, Newark, N. J.
Atlantic Engine Co., emery grinders, Meadville, Pa.
Atlantic Equipment Co., railroad equipt., 149 Broadway, New York.
Atlantic Filter Co., Marine Nat. Bank Bldg., Buffalo, N. Y.
Atlantic Foundry Co., Akron, Ohio.
Atlantic Foundry Co., Morgan av & Groton, Cleveland, Ohio.
Atlantic Gulf & Pacific Co., contractors, Park Row Bldg., New York, and Houston, Tex.
Atlantic & Gulf Portland Cement Co., Ragland, Ala.
Atlantic Importing Co., soldering flux, Providence, R. I.
Atlantic Insulated Wire & Cable Co., Stamford, Conn.
Atlantic Iron Wks., machsts., 441 11th av, Brooklyn, N. Y.
Atlantic Iron Wks., machsts. & fndrs., Norfolk, Va.
Atlantic Isinglass Co., Boston, Mass.
Atlantic Jute Mills, bagging sugar cloth mfrs., Norfolk, Va.
Atlantic Knitting Mills, sweaters, 1270 B'way, New York.
Atlantic Leather Co., Av A, Newark, N. J.
Atlantic Lumber Co., 70 Kilby, Boston, Mass.
Atlantic Machine Screw Co., 48 Binford, Boston, Mass.
Atlantic Mfg. Co., mill & facty. supplies, Wilmington, Del.
Atlantic Mfg. Co., screw mach. prod., Bridgeport, Conn.
Atlantic Metal Hose Co., 1777 B'way, New York.
Atlantic Mills, woolen flannels, 120 Manton av, Providence, R. I.
Atlantic Paint Co., Cleveland, Ohio.
Atlantic Radiator Co., Huntington, Pa.
Atlantic Refining Co., oil mfrs., 3144 Passyunk av, Phila., Pa.
Atlantic Rice Mills Co., Beaumont, Tex.
Atlantic Rubber Co., bulbs & sheetings, Atlantic, Mass.
Atlantic Rubber Co., Linden, Boston, Mass.
Atlantic Screw Wks., Hartford, Conn.
Atlantic Show Case Co., 6 Franklin av, Brooklyn, N. Y.
Atlantic Smelting & Refining Wks., 57 Richards, Brooklyn, N. Y.
Atlantic Southwestern Broom Co., 2d & Toone, Baltimore, Md.
Atlantic Stamping Co., hollow ware mfrs., 156-180 Ames, Rochester, N. Y.
Atlantic Starch Wks., Westport, Conn.
Atlantic Steel Casting Co., Chester, Pa.
Atlantic Steel Co., Atlanta, Ga.
Atlantic Terra Cotta Co., 1170 B'way, New York.
Atlantic Tile Mfg. Co., ceramic, Matawan, N. J.
Atlantic Tubing Co., 1756 Cranston, Providence, R. I.
Atlantic Turpentine & Pine Tar Co., Savannah, Ga.
Atlantic Type Fdry. Co., 190 Congress, Philadelphia, Pa.
Atlantic Varnish Works, varnish mfrs., Richmond, Va.
Atlantic Welding Co., elec. welding, 30 Church, New York.
Atlantic Wire Co., Branford, Conn.
Atlantic Wire & Iron Wks., 1638 Fulton, Chicago, Ill.
Atlantic Wood Heel Co., 322 Van Buren, Brooklyn, N. Y.
Atlantic Wks., mchsts. & fdrs., 80 Border, E. Boston, Mass.
Atlas Auto Supply Co., metal polish, 656 W. Austin av, Chicago, Ill.
Atlas Ball Co., limit gauges, brass & steel balls, 4th & Glenwood av, Philadelphia, Pa.
Atlas Bolt & Screw Co., 1000 Ivanhoe rd, Cleveland, O.
Atlas Brass Fdry., 155 A, S, B, Boston, Mass.
Atlas Brass Fdry. Co., 112 Greenpoint av, Brooklyn, N. Y.
Atlas Brass Fdry. Co., 980 Park, Columbus, Ohio.
Atlas Brass Mfg. Co., mchsts. & fdrs., 332 Lakeside av, N. W., Cleveland, Ohio.
Atlas Brass Works, 431 Folsom, San Francisco, Cal.
Atlas Brick Co., El Paso, Tex.
Atlas Building Co., 219 W. 7th, Los Angeles, Cal.
Atlas Building Material Co., Newburgh, N. Y.
Atlas Button Wks., 22 W. 22d, New York.
Atlas Car & Mfg. Co., cars & electric locomotives, Cleveland, O.
Atlas Cereal Co., 1200 W. 8th, Kansas City, Mo.
Atlas Chemical Co., sulphuret of antimony, Waltham, Mass.
Atlas Coal & Supply Co., masons' & bldrs. matls., Binghamton, N. Y.
Atlas Co., roofing cements, asbestos, & compounds, Lincoln, N. J.
Atlas Constr. Co., Youngstown, Ohio.
Atlas Crucible Steel Co., Dunkirk, N. Y. *See adv index at end of book.*
Atlas Drop Forge Co., Lansing, Mich.
Atlas Dryer Co., Cleveland, Ohio.

Atlas Educational Film Co., 63 E. Adams, Chicago, Ill.
Atlas Engn'g Co., concrete mixers, 3009 Lisbon av, Milwaukee, Wis.
Atlas Engineering Co., lime hydrators, mechanical gas producers, etc., Amherst, Ohio. *See adv. index at end of book.*
Atlas Elec. Storage Battery Co., Greenville, Mich.
Atlas Floor Co., sanitary flooring mfrs., 2401 Normal av, Chicago, Ill.
Atlas Forgings Co., 2515 S. Artesian av, Chicago, Ill.
Atlas Foundry Co., 234 Military av, Detroit, Mich.
Atlas Foundry Co., Marion, Ind.
Atlas Foundry & Machine Co., Tacoma, Wash.
Atlas Heating & Ventilator Co., 72 Fruellon, San Francisco, Cal.
Atlas Imperial Engine Co., Oakland, Cal.
Atlas Laundry Machy. Co., 6th & Baymiller, Cincinnati, Ohio.
Atlas Lumber Co., Atlas Bldg., Seattle, Wash.
Atlas Mach. Co., Louisville, Ky.
Atlas Mach. Co., 7 Eddy, Providence, R. I.
Atlas Mach. Co., power presses, wire-forming & rivet machinery, Waterbury, Conn.
Atlas Mfg. Co., auto crankshafts, etc., Fostoria, Ohio.
Atlas Mfg. Co., cotton sheetings, Bessemer City, N. C.
Atlas Mfg. Co., hdware. mfrs., New Haven, Conn.
Atlas Metal Parts Co., sheet metal stampings, 998 15th, Milwaukee, Wis.
Atlas Metal Wks., Dallas, Tex.
Atlas Mineral Products Co., slate flour, soapstone, talc, etc., Lincoln, N. J.
Atlas Mixed Mortar Co., Los Angeles, Cal.
Atlas Mixed Mortar Co., masons' & bldrs. matls., Ry. Exch. Bldg., Portland, Ore.
Atlas Oil Co., Rose Bldg., Cleveland, Ohio.
Atlas Paint Co., 101 Park av, New York.
Atlas Paint Co., Sharpsburg, Pa.
Atlas Paper Co., Indianapolis, Ind.
Atlas Paving Brick Co., Hollister & Griffith, San Francisco, Cal.
Atlas Portland Cement Co., 134 N. La Salle, Chicago, Ill.
Atlas Portland Cement Co., 30 Broad, New York.
Atlas Powder Co., dynamite, powder & explosives mfrs., Du Pont Bldg., Wilmington, Del.
Atlas Press Brick Wks., Dallas, Tex.
Atlas Press Co., arbor presses, 323 N. Park, Kalamazoo, Mich.
Atlas Radiator Pedestal Co., 102 Williams, Norwich, Conn.
Atlas R. R. Supply Co., 431 S. Dearborn, Chicago, Ill.
Atlas Roofing Co., cornices, Newburgh, N. Y.
Atlas School Supply Co., composition blackboards, 531 S. Peoria, Chicago, Ill.
Atlas Selling Agency, fuse plugs, 450 4th av, New York.
Atlas Shear Co., Bridgeport, Conn.
Atlas Specialty Mfg. Co., inner tube bags, 219 N. Michigan av, Chicago, Ill.
Atlas Steel Casting Co., Buffalo, N. Y.
Atlas Steel Column Mfg. Co., 212 N. 10th, Brooklyn, N. Y.
Atlas Supply Co., mill & facty. & plumbers' supplies, Muskogee, Okla.
Atlas Tack Co., nails, rivets & tacks, Fairhaven, Mass.
Atlas Tile Co., Coeur D'Alene, Idaho.
Atlas Wall Plaster Co., Louisville, Ky.
Atlas Wash Tray Co., cement wash tray mfrs., New Haven, Conn.
Atlas Welding Works, Rahway, N. J.
Atlee, S. & J. C., lumber mfrs., Fort Madison, Iowa.
Atsatt Bros., coffee & peanut roasters, Mattapoisett, Mass.
Attacho Light Co., elec, lanterns, Syndicate Trust Bldg., St. Louis, Mo.
Attalla Foundry & Mach. Co., Attalla, Ala.
Atteaux, F. E., & Co., chemicals, 174 Purchase, Boston, Mass.
Atterbury Bros., casein, 145 Nassau, New York.
Atterbury Grosvenor, architect, 20 W. 43d, New York.
Atterbury Motor Car Co., Buffalo, N. Y.
Atterbury & McKelvey, Inc., cotton waste, 145 Nassau, New York.
Attica Lbr. Co., Attica, Ind.
Attley, J. M., Co., lbr., 11 S. La Salle, Chicago, Ill.
Attoyac River Lumber Co., Houston, Texas.
Attracto Co., advtg. spec., Tretz bldg., Philadelphia, Pa.
Attwell Cornice Co., Ft. Worth, Tex.
Attwood Brass Wks., machsts., Grand Rapids, Mich.
Atwater, D., & Son, masons' & bldrs. matls., Massillon, Ohio.
Atwater & Dow, common brick, South Amherst, Mass.
Atwater, E. C., & Co., cornices, Springfield, Mass.
Atwater-Kent Mfg. Works, gas igniters, 4937 Stenton av, Philadelphia, Pa.
Atwater Mfg. Co., bolt, nut & rivet, Plantsville, Conn.
Atwater Mfg. Co., h'dwe mfrs. (carriage), auto., etc., Southington, Conn.
Atwater, S. I., advtg. nov., 101 Lafayette, New York.
Atwater, W. H., & Sons, lumber mfrs., Garfield, N. Y.
Atwater, W. J., Co., masons' & bldrs. matls., New Haven, Conn.
Atwood Anthony, masons' & bldrs. matls., Plymouth, Mass.
Atwood, C. W., masons' & bldrs. matls., Watertown, Conn.
Atwood, Crawford Co., textile machy., Pawtucket, R. I.
Atwood Davis Sand Co., 112 W. Adams, Chicago, Ill.
Atwood, F. H., Lumber Co., Cairo, Ill.
Atwood, Frank W., aniline colors, Boston, Mass.
Atwood, Harrison H., architects, Dorchester, Boston, Mass.
Atwood-Jones Mfg. Co., machinists, Stillwater, Minn.
Atwood & McManus Box Co., Chelsea, Mass.
Atwood Machine Co., Stonington, Conn.
Atwood & Morrill, regulators, valves, etc., 48 Loring av, Salem, Mass.
Atwood River Canning Co., Valona, Ga.
Atwood-Robbins Lumber Co., masons' & bldrs. matl., Plymouth, Mass.
Atwood Vacuum Cleaner Co., Rockford, Ill.
Atyeo Bros., masons' & bldrs. matls., Sullivan, Ohio.
Aubeuf, Frank J., Inc., hand carts, Oneida, N. Y.
Aubel, F. & E., iron, 2505 Germtn., Philadelphia, Pa.
Aubertin, Jos. F., tex. machy., roll coverers, New Bedford, Mass.
Aubin, Wilfrid, contractor, Woonsocket, R. I.
Aubrey, C. H., flour mills, Stithton, Ky.
Auburn Automobile Co., Auburn, Ind.
Auburn Ball Bearing Co., 26 Elizabeth, Rochester, N. Y.
Auburn Brick Tile & Cement Co., Auburn, Ill.
Auburn Brick & Tile Co., Auburn, Ia.
Auburn Brush Co., cloth mops, etc., Auburn, Me.
Auburn Button Works, Auburn, N. Y.
Auburn Canning Co., Auburn, Neb.
Auburn Fndry., Auburn, Ind.
Auburn Handle Co., Auburn, Ind.
Auburn Hardware Co., Auburn, Ind.
Auburn Ignition Mfg. Co., Auburn, N. Y.
Auburn Leather Goods Co., packings, etc., Auburn, N. Y.
Auburn Lumber Co., Auburn, Ind.
Auburn Mach. & Auto. Garage, Auburn, Ind.
Auburn Mfg. Co., bodies & seats, wood (auto., carriages, etc.), Auburn, Ind.
Auburn Mills, flour, Auburn, Ky.
Auburn Shale Brick Co., Auburn, Pa.
Auburn Wagon Co., delivery, Martinsburg, W. Va.
Auburn Wheel & Mfg Co., Auburn, R. I.
Auburndale Hardware Co., Toledo, Ohio.
Aucutt Bros., masons' & bldrs. matls., Aurora, Ill.
Audebert Wall Paper Mill, 1807 Foster av, Chicago, Ill.
Audubon Canning Co., Audubon, Ia.
Audubon Wire Coth Co., Audubon, N. J.
Aue Ferdinand Co., machsts., 401 E. 91st, New York.
Auer, C. A., leather, Corry, Pa.
Auer, F. E., cornices, 3507 N. 22d, St. Louis, Mo.
Auer, John B., machsts., Trenton, N. J.
Auer, John, Jr., heavy hdwe., bolts, hinges, hooks, etc., 197 Middleton, Brooklyn, N. Y.
Auer Register Co., 403 Long av, N. W., Cleveland, Ohio.
Aufderheide, Fred, brick, New Ulm, Minn.
Aufruchtig, Alois, coppersmith, 220 Lombard, St. Louis, Mo.
Aughenbaugh, B. A., carriages, Urbana, Ohio.
Aughinbaugh Canning Co., ft. Lawrence, Baltimore, Md.
Auginbaugh, H. C., masons' & bldrs.' matls., Wellsville, Ohio.
Auglaize Box Board Co., Saint Marys, Ohio.
Auglaize Cooperage & Lbr. Co., Minster, Ohio.
Auglaize Motor Car Co., New Bremen, Ohio.
Augmore Mfg. Co., gasoline & water heaters, stocks & dies, etc., 5407 Sweeney av, Cleveland, Ohio.
Augne Plow Co., Dayton, Ohio.
Augstein, S., & Co., gloves, sweaters, etc., 352 4th av, New York.
Augur, Chas. E., Co., contractors, 549 Elm, New Haven, Conn.
Augusta Bedding Co., hair mattresses, Augusta, Ga.
Augusta Broom Works, Augusta, Ga.
Augusta Factory, cotton duck & canvas, Augusta, Ga.
Augusta Hardware Co., Augusta, Ga.
Augusta Lbr. Co., Augusta, Me.
Augusta Milling Co., flour, Augusta, W. Va.
Augusta Milling & Mercantile Co., flour, Mossy Creek, Va.
Augusta Mutual Telephone Co., Augusta, Ill.
Augusta Stove Fdry., Augusta, Ky.
Augusta Trunk Factory, Augusta, Ga.
Augusta Vat Shale Brick Co., Augusta, Ga.
Augusta Veneer Co., Augusta, Ga.
Augustine Automatic Rotary Engine Co., Buffalo, N. Y.
Augustine, Charles, architect, Kenosha, Wis.
Augustine, T. C., boilers, St. Joseph, Mo.
Auld & Blackman, machsts., 819 Bryant, San Francisco, Cal.
Auld Co., pressure reducing valves, Thompson & 12th, Phila., Pa.
Auld & Conger Co., ldry tubs, slate mantels, roofing slate, etc., 942 Prospect, Cleveland, Ohio.
Auld, Hampton, printing inks, 106 Verona av, Newark, N. J.
Aulds, J. F., Sons, carriages, Elberton, Ga.
Auler, Henry, architect, Oshkosh, Wis.
Auletta Constr. Co., 103 Park av, New York.
Aull Bros. Co., wood dishes, Dayton, Ohio.
Ault & Wiborg Co., printing inks, etc., Cincinnati, Ohio.
Ault Wooden Ware Co., Cincinnati, Ohio.
Aulson, J. W., & Son, tanning machy., Waukegan, Ill.
Aultman & Locke, advtg. signs, 224 3rd av, Milwaukee, Wis.
Aultman, T. G., Steam Pump Wks., machsts. & fndrs., Fairmont, W. Va.
Aultman & Taylor Machinery Co., agricultural implements, Mansfield, Ohio.
Aumen Machy. Co., machy. dlr., 107 E. Lombard, Baltimore, Md.
Aumond Stump Machine Co., stump pullers, Cedar Springs, Mich.
Aurentz, Raymond J., architect, 1206 Hugh, Fort Wayne, Ind.
Aurora Automatic Machy. Co., motor cycles, 1307 So. Michigan av, Chicago, Ill.

Aurora Brick Wks., Aurora, Ill.
Aurora Coffin Co., Aurora, Ind.
Aurora Cornice Wks., Aurora, Ill.
Aurora Cotton Mills, flannels, Burlington, N. C.
Aurora Cotton Mills Co., sheetings, Aurora, Ill.
Aurora Door Hanger & Spec. Co., Aurora, Ill.
Aurora Fdry. Co., Aurora, Ill.
Aurora Mantle & Lamp Co., Aurora, Ill.
Aurora Metal Co., machsts. & fndrs., Aurora, Ill.
Aurora Milling Co., flour, Aurora, Mo.
Aurora Steel Products Co., junction boxes, Aurora, Ill.
Aurora Steel Tank Co., 10 W. Illinois, Chicago, Ill.
Aurora Tool Wks., Aurora, Ind.
Ausable Horse Nail Co., Keeseville, N. Y.
Ausfeld, Fred'k, architect, Bell Bldg., Montgomery, Ala.
Auslander, Alfred, architect, 1750 Topping, New York.
Ausmus, W. Mc., Co., flour mills, La Follette, Tenn.
Austell Swing & Ladder Co., Austell, Ga.
Austen, J. I., Co., toys, games & nov., 1323 Michigan av, Chicago, Ill.
Austin, A. H., contractor, Webster City, Ia.
Austin, A. N., architect, 365 Spahr, Pittsburgh, Pa.
Austin Adding Machine Co., Baltimore, Md.
Austin Automobile Co., Grand Rapids, Mich.
Austin Bros., contractors, Atlanta, Ga.
Austin Bros., steel structural wk., Dallas, Tex.
Austin Bros., masons' & bldrs.' matls. & whol. hwde., Stockton, Cal.
Austin Cambridge Co., ammunition, Cleveland, Ohio.
Austin Canning Co., Austin, Ind.
Austin Co., contractors, 14230 Euclid av, Cleveland, Ohio.
Austin Const. Co., Matthews Bldg., Milwaukee, Wis.
Austin Dog Bread & Animal Food Co., Chelsea, Mass.
Austin & Doten, wholesale hardware, 102 North, Boston, Mass.
Austin & Eddy, bldrs. hdwe. & machy., 117 Broad, Boston, Mass.
Austin, Elizabeth M., architects, Hearst Bldg., San Francisco, Cal.
Austin, Ennis, architects, J. M. S. Bldg., South Bend, Ind.
Austin, F. A., Pattern Co., Syracuse, N. Y.
Austin, F. C., Co., drainage machy., Railway Exchange Bldg., Chicago, Ill.
Austin Fdry. Co., Alexandria, Minn.
Austin, Frank, Co., lbr., Mendon, Mich.
Austin, Frank Lyman, architect, Burlington, Vt.
Austin, Frank W., contractors, Yonkers, N. Y.
Austin, G. W., & Co., soil pipe plugs, etc., 132 High, Boston, Mass.
Austin, Hall, Hdwe. Co., Brownwood, Tex.
Austin, H. N., architect, Jackson, Miss.
Austin Hdwe. Co., Terre Haute, Ind.
Austin, J. C., architect, 412 W. 6th, Los Angeles, Cal.
Austin, John, smelter & refiner, 74 Clifford, Previdence, R. I.
Austin, M. B. & Co., conduit bendors & junction boxes, 706 W. Jackson blvd., Chicago, Ill.
Austin, M. E., & Co., mill & facty. supplies, Lawrence, Mass.
Austin Mach. Wks., 1821 N. 5th, Philadelphia, Pa.
Austin, Mason & Co., packing mfrs., 15 Park Row, New York.
Austin Mfg. Co., machsts., 910 S. Michigan av, Chicago, Ill.
Austin Mill & Grain Co., flour, Brownwood, Tex.
Austin Oil Mfg. Co., meal, Austin, Tex.
Austin Organ Co., pipe organ mfrs., 158 Woodland, Hartford, Conn.
Austin Powder Co., explosives, 1229 Rockefeller Bldg., Cleveland, Ohio.
Austin Separator Co., 97-101 Woodbridge av, Detroit, Mich.
Austin & Son, machsts., Grand Rapids, Mich.
Austin Trunk Factory, Austin, Tex.
Austin, W. D., architect, School, Boston, Mass.
Austin, W. E., Machy. Co., Atlanta, Ga.
Austin, W. H., architect, Long Beach, Cal.
Austin-Warren Co., whip mfrs., Westfield, Mass.
Austin-Western Road Machinery Co., 910 S. Michigan, av, Chicago, Ill.
Austin White Lime Co., Austin, Tex.
Austin, Wm. E., architect, 46 W. 24th, New York.
Australian Hardwood Lumber Co., American & Australian hardwood lumber, ship timbers, etc., 480-486 Brannan, San Francisco, Cal.
Austro-American Magnesite Co., 208 S. La Salle, Chicago, Ill.
Autauga Oil & Fertilizer Co., Prattville, Ala.
Auth Elec'l Specialty Co., annunciators, Ansonia, Conn.
Auth Elec'l Spec. Co., 422 E. 53d, New York.
Auto. Accessories Co., 816 W. North av, Baltimore, Md.
Auto. Aero Sheet Metal Wks., cornices, New Haven, Conn.
Auto. Body Co., Lansing, Mich.
Auto. Brass Mfg. Co., 56 Friendship, Providence, R. I.
Auto. Castings Co., gray iron castings, Scranton rd, Cleveland, Ohio.
Auto Comfort Robe Co., Gloversville, N. Y.
Auto. Compressor Co., Wilmington, Ohio.
Auto. Crankshaft Co., Jackson, Mich.
Auto. Engine Wks., University & Griggs, St. Paul, Minn.
Auto. Equipment Co., compounds, valve grinding, East Orange, N. J.
Auto. Equipment Co., spark plugs, Detroit, Mich.
Auto-Fedan Hay Press Co., 1603 Wyoming, Kansas City, Mo.
Auto. Fender & Radiator Wks., 1140 Geary, San Francisco, Cal.
Auto. Lamp & Radiator Co., auto. fenders, Cleveland, Ohio.
Auto. Marine Engine Wks., machsts. & fndrs., Tacoma, Wash.
Auto. Parts Co., oil gauges, 702 Eddy, Providence, R. I.
Auto. Parts Mfg. Co., 528 B'way, Milwaukee, Wis., and Sioux City, Iowa.
Auto. Plating & Mfg. Co., Cleveland, Ohio.
Auto. Pneumatic Action Co., 627 W. 50th, New York.
Auto. Remodeling Co., auto. wood bodies, 1505 S. Michigan av, Chicago, Ill.
Auto. Screw Products Co., Cleveland, Ohio.
Auto. Sheet Metal Wks., 2420 W. 22d, Chicago, Ill.
Auto. Spec. Mfg. Co., Joliet, Ill.
Auto. Specialties Co., auto. wind shields, E. E. Jenkins Arcade, Pittsburgh, Pa.
Auto. Stove Works, New Athens, Ill.
Auto. Strop Safety Razor Co., 345 5th av, New York.
Auto. Supply Co., 1789 B'way, New York.
Auto Supply Co., spark plugs, 1335 Mich. av, Chicago, Ill.
Auto Supply Mfg. Co., fire alarms, 220 Taaffe pl, Brooklyn, N. Y.
Auto Tire Vulcanizing Co., Lowell, Mass.
Auto Top Mfg. Co., 425 Golden Gate av, San Francisco, Cal.
Auto Vacuum Freezer Co., 25 W. B'way, New York.
Auto Wheel Co., Lansing, Mich.
Autocall Co., fire alarms, etc., Shelby, Ohio.
Autocar Co., automobile bldrs., Ardmore, Pa.
Autocoil Co., 136 7th av, Jersey City, N. J.
Autofiller Pen Co., Toledo, Ohio.
Autoforce Ventg. System, 53 Devonshire, Boston, Mass.
Autogenous Welding Devices Co., 16th & Locust, Kansas City, Mo.
Autogenous Welding Equip. Co., Springfield, Mass.
Autographic Register Co., machsts., Hoboken, N. J.
Autographic Register Co. of San Francisco, 38 Clementina, San Francisco, Cal.
Autoine Lumber Co. (Ltd.), Jonesboro, La.
Automatic Adding Machine Co., adding machines, 148 Duane, New York.
Automatic Appliance Co., annunciators, machy. bells, etc., 172 Columbus av, Boston, Mass.
Automatic Bookkeeping Register Co., S. E. Cor. 18th & Wyandotte, Kansas City, Mo.
Automatic Box Machy. Concern, 270 Congress, Boston, Mass.
Automatic Buffing Mach. Co., lathes, Buffalo, N. Y.
Automatic Button Co., Muscatine, Ia.
Automatic Cable Clamp Co., Donora, Pa.
Automatic Call & Advg. Clock Co., advtg. spec., Portland, Ore.
Automatic Carrier Co., Juneau, Wis.
Automatic Chemical Closet Co., 1417 Wash av, N., Minneapolis, Minn.
Automatic Coin Wrapping Mach. Co., 80 Greenwich, New York.
Automatic Concrete Mixer Co., 44 Whitehall, New York.
Automatic Cradle Mfg. Co., Stevens Point, Wis.
Automatic Disinfectant Co., Box 252, Memphis, Tenn.
Automatic Door Catch Co., Harvey, Ill.
Automatic Door Rail Co., Hillsdale, Mich.
Automatic Drill Chuck Corp., 519 Hillger, Detroit, Mich.
Automatic Elec. Co., tele. condensers & apparatus, 1001 W. Van Buren, Chicago, Ill.
Automatic Electric Pump Co., Davenport, Ia.
Automatic Electric Washer Co., Newton, Ia.
Automatic Electric Welder Co., welding mach. mfrs., 618 W. Jackson blvd, Chicago, Ill.
Automatic Engraving & Mfg. Co., Inc., mchst., 79 E. 130th, New York.
Automatic Enunciator Co., hospital signals, 1001 W. Van Buren, Chicago, Ill.
Automatic Equip. Co., advtg. spec. 261 B'way, New York.
Automatic Faucet & Spigot Co., Saginaw, Mich.
Automatic File & Index Co., filing cabinets & devices, Green Bay, Wis.
Automatic Fire Alarm Co., Bradford, Pa.
Automatic Fire Alarm Co., 416 B'way, New York.
Automatic Fire Detector Co., 46 W. 53rd, New York.
Automatic Fusible Lightning Arrester Co., Colorado Springs, Col.
Automatic Industries, trade publication, 239 W. 39th, New York.
Automatic Light Co., elec. light plants, Point Clinton, Ohio.
Automatic Lock Cover Corp., 48 E. 12th, New York.
Automatic Machine Co., Bridgeport, Conn.
Automatic Mach. Co., 497 5th, San Francisco, Cal.
Automatic Mach. & Tool Co., 210 N. Ann, Chicago, Ill.
Automatic Packing & Labeling Co., packing machines, 5520 2d av, Brooklyn, N. Y.
Automatic Pencil Sharpener Co., 58 E. Washington, Chicago, Ill.
Automatic Pivot Gate Co., Waverly, O.
Automatic Products Co., screw machine, 22-24 Du Bois, Detroit, Mich.
Automatic Racking Mach. Co., Ft. 28th, Chicago, Ill.
Automatic Re-closing Circuit Breaker Co., 38 N. Water, Columbus, Ohio.
Automatic Refrigerating Co., mchsts. & fndrs., Hartford, Conn.
Auto. Registering Mach. Corp., voting machs., Jamestown, N. Y.
Automatic Rotary Pump Co., Bible House, New York.
Automatic Sash Holder Mfg. Co., 50 Church, New York.

Automatic Screw Machine Products Co., 416 W. Grand av, Chicago, Ill.
Automatic Sealing Vault Co., burial cases, Peru, Ind.
Automatic Sprinkler Co., automatic sprinkler mfrs., 123 William, New York.
Automatic Stamping & Machine Co., mchsts. & fdrs., 7803 Madison, Cleveland, Ohio.
Automatic Steam Trap & Spec. Co., 316 Harper av, Detroit, Mich., & 2707 Vestry av, Cleveland, Ohio.
Automatic Switch Co., 4 White, New York.
Automatic Target Mach. Co., 203 Fulton, New York.
Automatic Tile Mach. Co., Cincinnati, Ohio.
AUTOMATIC TIME STAMP CO. (automatic time recording & computing machines for all divisions of time & for all purposes, 159 Congress, Boston, Mass.
Automatic Transportation Co., 2933 Main, Buffalo, N. Y.
Automatic Trolley Guard Co., 65 Carroll, Buffalo, N. Y.
Automatic Vacuum Pump Co., vacuum htg., 223 W. Erie, Chicago, Ill.
Automatic Vent. Co., 2 Rector, New York.
Automatic Weighing Mach. Co., 138 Commerce, Newark, N. J.
Automatic Woven Wire Supply Co., Mangin & Delancey, New York.
Automobile, The, trade publication, 239 W. 39th, New York.
Automobile Const. & Engng. Co., piston rings, 3325 Chestnut, Philadelphia, Pa.
Automobile Dealer & Repairer Co., 71 Murray, New York.
Automobile Journal Publishing Co., Pawtucket, R. I.
Automobile Supply Mfg. Co., fire alarms, 80 B'way, Brooklyn, N. Y.
Automobile Topics, trade publication, 1790 B'way, New York.
Autoparts Mfg. Co., Detroit, Mich.
Autophone Co., mechl. organs, Ithaca, N. Y.
Autopiano Co., 653 W. 51st, New York.
Autopress Co., printing presses & machy., 95 Madison av, New York.
Autosales Gum & Chocolate Co., 96 Spring, New York.
Autotone Player Piano Co., 542 W. 52d, New York.
Autoyre Co., wire goods & metal novelties, Oakville, Conn.
Autrey, D. A. & Son, lumber, Autreyville, Ga.
Autrey & Tyndall, turpentine, Autreyville, Ga.
Auxer, A. J., contractor, Lancaster, Pa.
Auxiliary Fire Alarm Co., 144 Oliver, Boston, Mass.
Available Truck Co., 1539 N. Kilpatrick, Chicago, Ill.
Avalon Knitwear Co., sweaters, etc., Utica, N. Y.
Averbeck, M. J., silver novelties, 10 maiden la, New York.
Averill, F. L., engineer, Library of Congress, Washington, D. C.
Averill Paint Co., 240 Plymouth, Brooklyn, N. Y.
Avery, A. M. & Son, wholesale hardware, mill & factory supplies, Pensacola, Fla.
Avery, B. F. & Sons, agricultural implements, Louisville, Ky.
Avery Chemical Co., 88 Broad, Boston, Mass.
Avery Co., agricultural implements & automobile builders, engines, etc., Peoria, Ill.
Avery Co., mill & facty. supplies, Atlanta, Ga., and Portland, Ore.
Avery, Frank F., mattresses, Framingham, Mass.
Avery, Geo. F., contrs., Oneido, N. Y.
Avery Lester, Clearwater, Fla.
Avery, M. E., Co., mill & facty. supplies, Watertown, N. Y.
Avery, Philip S., architect, 185 Devonshire, Boston, Mass.
Avery Rock Salt Mining Co., Scranton, Pa.
Avery & Saul, sheet metal dealers, 207 Congress, Boston, Mass.
Avery, Walter B., contractor, 632 G., NW., Washington, D. C.
Avery, Wm., contr., Waldron, Ind.
Avery's, F. P., Sons, mchsts. & fndrs., Tukhannock, Pa.
Avis, A. B., fly traps, Pomona, Cal.
Avis Milling Co., buckwheat flour, Waldron, Mich.
Avis, S. R. & Sons, gun barrels, 198 Brown, New Haven, Conn.
Aviston Condensed Milk Co., Aviston, Ill.
Avlor Bros., flour mills, Culpeper, Va.
Avoca Mfg. Co., bobbins, spools, wire reels, Avoca, N. Y.
Avoca Wheel Co., Avoca, N. Y.
Avon Milling & Mfg. Co., flour, Avon, Ill.
Avon Mills, cotton sheeting, Gastonia, N. C.
Avon Mills Co., cotton damasks & towels, Lewiston, Me.
Avondale Sash & Door Co., 3515 Belmont av, Chicago, Ill.
Avondale Stove & Fdry. Co., Birmingham, Ala.
A. & W. Electric Sign Co., Cleveland, Ohio.
Awsumb, Geo., architect, 189 W. Madison, Chicago, Ill.
Axelson Machine Co., 1406 San Fernando, Los Angeles, Cal.
Axford Incubator Co., 750 E. 45th, Chicago, Ill.
Axtell Co., mill & facty. supplies, Fort Worth, Tex.
Axtheim Mfg. Co., blind fasteners, 242 3d av, Pittsburgh, Pa.
Axthelm, August W., cornices, 1604 Tower Grove av, St. Louis, Mo.
Axwell Equipment Co., spark plugs, 208 Wood, Pittsburgh, Pa.
Ayars, Chas. R., architect, 184 W. Washington, Chicago, Ill.
Ayars, Clinton B., Canning Co., Bridgeton, N. J.
Ayars Mach. Co., Salem, N. J.
Ayer, Fred. H., Mfg. Co., machsts., Chicago Heights, Ill.
Ayer & Lord Tie Co., creosoting wks., ties, poles & posts, etc., 80 E. Jackson blvd, Chicago, Ill.
Ayer-McCarel, Reagan Clay Co., Brazil, Ind.
Ayers, C. E., mach. & fdr., Rockford, Ia.
Ayers-Cihlar-Ransom Co., bank fixtures, 726 S. Desplaines, Chicago, Ill.
Ayers, J. R., agricultural implements, Petersburg, Va.
Ayers, Jno. W. & Son, machsts., 88 Walker, New York.
Ayers Mineral Co., sand-clay, Zanesville, Ohio.
Ayers-Witmer Lumber Co., mfrs. interior hardwood wk., Niagara Falls, N. Y.
Ayes & Co., machsts, 1812 Ellen, Chicago, Ill.
Aykroyd Iron Works, structural steel & ornamental iron work, 31 N. Foster, Worcester, Mass.
Ayling & Reichert Co., copper floats, Toledo, Ohio.
Aylward Sons Co., mchsts. & fdrs., Neenah, Wis.
Aylward, R. C., cornices, Peoria, Ill.
Aylor Bros., flour mills, Culpeper, Va.
Ayres, Altee B., architect, Bedell Bldg., San Antonio, Tex.
Ayres, Bridges & Co., cotton waste, bristles, wax, oils, etc., 200 Summer, Boston, Mass.
Ayres, C. M., architect, Tuscaloosa, Ala.
Ayres, J. F., fertilizer mfrs., Alloway, N. J.
Ayres, John T., carriages, Elmira, N. Y.
Ayres, Louis, architect, 50 E. 41st, New York.
Ayres, Wm. & Sons, carriage robes, 3d & Cumberland, Phila., Pa.
Azadian Gauge Mfg. Co., Eastwood, Syracuse, N. Y.
A-Z Co., auto metal bodies, tanks, seats, radiators, etc., 527 W. 5th, New York.

Baab Bros., brick, Dover, Ohio.
Baab, Frank, wholesale hardware, Wilkes-Barre, Pa.
Baars, H., & Co., lumber, Pensacola, Fla.
Babb, C. H., & Co., steam fitters' supplies, Bangor, Me.
Babb Mill Co., flour mills, Afton, Tenn.
Babbitt, B. B., contractor, 4 Hamilton pk, New Brighton, N. Y.
Babbitt, B. T., Inc., soap, metal polish, glycerine, etc., 11 Broadway, New York.
Babbitt Bros., tex. machy. supplies (loom crank shafts), Fairhaven, Mass.
Babbitt, Chas. E., machsts. & fndrs., Portland, Me.
Babbitt, Edw. F., architect, Hayden Bldg., Columbus, Ohio.
Babbitt, L. L., wire, Clayville, N. Y.
Babbitt Steam Specialty Co., New Bedford, Mass.
Babcock, Alex. L., contractor, Freeport, Ill.
Babcock Bros. Lumber Co., Frick Bldg., Pittsburgh, Pa.
Babcock, C., & Co., contractors, 36 Beverly, Boston, Mass.
Babcock Coal & Coke Co., Pittsburgh, Pa.
Babcock Davis Corp., steel, Cambridge, Mass.
Babcock, Hinds & Underwood, hardware merch., 174 Washington, Binghamton, N. Y.
Babcock, Jno., & Co., size & varnishes, Allston, Boston, Mass.
Babcock, John D. (Est. of), 401 S. Clinton, Syracuse, N. Y.
Babcock, L. H., architect, Bartlesville, Okla.
Babcock Lumber Co., Sedalia, Mo., and Frick Bldg., Pittsb'gh, Pa.
Babcock Mfg. Co., agricultural implements, Leonardsville, N. Y.
Babcock, Milton, architect, Milton, Mass.
Babcock & Penton, naval architects, Penton Bldg., Cleveland, Ohio, and 120 B'way, New York.
Babcock Printing Press Mfg. Co., New London, Conn.
Babcock & Templeton, Inc., exporters and importers, Postal Telegraph Bldg., San Francisco, Cal.
Babcock Varnish Co., 144 High, Boston, Mass.
Babcock, W. W., Co., churns, ladders, Bath, N. Y.
Babcock & Wilcox, stone producers, Kasota, Minn.
Babcock & Wilcox Co., mechanical stokers, boilers, etc., 85 Liberty, New York.
Babe, Jas., contractor, Chester, Pa.
Babin & Beck, architects, Beaumont, Tex.
Babue, F. X., & Sons, contractors, Sioux City, Ia.
Babson, Dow Mfg. Co., machsts. & fndrs., screws, etc., 60 Fulda, Boston, Mass.
Babyeat Mfg. Co., mattresses, Mansfield, Ohio.
Baccich & de Montluzin, architects, Maison Blanche bldg., New Orleans, La.
Bach Brick Co., 2647 Montrose av, Chicago, Ill.
Bach, J. O., architect, Superior, Wis.
Bach, M. W., & Co., horse collars, Ottawa, Ill.
Bacharach Industrial Instrument Co., indicators, meters, etc., 14 Wood, Pittsburgh, Pa.
Bache, Arthur J., contractor, 1225 11th, N. W., Washington, D. C.
Bache, Geo., architect, 1038 Woodycrest av, New York.
Bache, Semon, & Co., polished plate glass, 636 Greenwich, New York.
Bachelder, A., & Co., wooden plugs, 234 Mt. Vernon, Lowell, Mass.
Bachelor Brick & Tile Co., Angola, Ind.
Bachler, C. F., htg. contrs., 146 N. 10th., Philadelphia, Pa.
Bachman, Adam, stone producer, 16 S. 22d, Pittsburgh, Pa.
Bachman, C. A., cornices, Newton, Kans.
Bachman, Conrad, sashes, doors & blinds, Vermillion, Ohio.
Bachman, F. M., Co., lbr. mfrs., Madison av. c. Lincoln, Indianapolis, Ind.
Bachman, R. K., & Bro., sash, door & blind mfrs., Phillipsburg, N. J.
Bachman-Veghte Co., masons' & bldrs.' matls., Roselle Park, N. J.
Bachmann Bros., heaters, La Porte, Ind.
Bachmann Bros., celluloid combs, 609 Commerce, Phila., Pa.
Bachmann, Geo., contractor, Camden, N. J.
Bachmann, Geo. J., architect, Flint, Mich.
Bachmann, J., & Co., belting, 16 Reade, New York.
Bachrach & Co., advtg. signs, 577 Market, San Francisco, Cal.

Backes, M., Sons, torpedoes, Wallingford, Conn.
Backman Sheet Metal Wks., Des Moines, Iowa.
Backstay Machine & Leather Co., Union City, Ind.
Backus, A., Jr., & Son, packing box mfrs., Detroit, Mich.
Backus, Albert, & Co., stone, Irvington, N. J.
Backus-Brooks Co., lumber mfrs., 602 Andrus Bldg., Minneapolis, Minn.
Backus Corp., gray iron castings, electro plating, etc., Brandon, Vt.
Backus Corp., open fireplace, gas, steam radiator mfrs., 40 Kilby, Boston, Mass.
Backus Novelty Co., coat hooks, Smithport, Pa.
Backus, Peter B., heating contractor, Wilkes-Barre, Pa.
Backus & Sholes, common brick, Hampshire, Ill.
Backus Water Motor Co., gas engines, water motors, etc., 172 Penn av, Newark, N. J.
Bacon, A. S., & Sons, lumber, Savannah, Ga.
Bacon Bros., cornices & skylights, Middletown, Conn.
Bacon, Chas. E., architect, Merchants Bk. Bldg., Indianapolis, Ind.
Bacon & Co., crates, ladders, etc., Gasport, N. Y.
Bacon & Co., steel structural dlrs., 107 Oliver, Boston, Mass.
Bacon, Earle C., machy. dlrs., 26 Cortlandt, New York.
Bacon, Ed. R., Co., contractors, tools & supplies, 942 E. 4th, Los Angeles, Cal.
Bacon, Edwin P., architect, 120 Fordham drive, Buffalo, N. Y.
Bacon Felt Co., felt wheels & mechanical felt mfrs., Winchester, Mass.
Bacon, H., architect, 101 Park av, New York.
Bacon Heater & Mfg. Co., 2622 Franklin av, Cleveland, Ohio.
Bacon, Lewis H., architect, 50 Bromfield, Boston, Mass.
Bacon Mfg. Co., agricultural implements, Pontiac, Mich.
Bacon Milling Co., flour, Maysville, Ga.
Bacon-Taplin Co., machy. dlrs., Springfield, Mass.
Bacon, Willard M., architect, 27 Kilby, Boston, Mass.
Bacterial Sewage Purification Co., 2 Wall, New York.
Baden, Henry W., contractor, Evans Bldg., Washington, D. C.
Badenhausen Co., Rialto Bldg., San Francisco, Cal., *See adv index at end of book.*
Badenhausen Co., water tube boilers, 1429 Chestnut, Phila., Pa.
Bader, Daniel S., contractor, 1345 Arch, Philadelphia, Pa.
Bader, F. L., architect, 3718 Park Hill av, Milwaukee, Wis.
Bader & Huebner, stone producers, Johnstown, Pa.
Bader, J. A., Co., contractor, 923 Market, Wilmington, Del.
Bader, John, Lumber Co., 2020 Clybourne av, Chicago, Ill.
Badger Auto. Body Co., 3009 Lisbon av, Milwaukee, Wis.
Badger & Badger, lbr. mfrs., Toledo, Wash.
Badger Bag & Paper Co., 222 W. Kinzie, Chicago, Ill., and Wausau, Wis.
Badger Box & Lumber Co., Grand Rapids, Wis.
Badger Brass Mfg. Co., machsts. & fndrs., Kenosha, Wis.
Badger Calendar Co., advtg. novelties, 790 Buffum, Milwaukee, Wis.
Badger Canning Co., Beaver Dam, Wis.
Badger Chemical Mfg. Co., fire extinguishers, 143 Reed, Milwaukee, Wis.
Badger Concrete Mixer Co., First Nat. Bk. Bldg., Milwaukee, Wis.
Badger Construction Co., Ry. Exch. Bldg., Milwaukee, Wis.
Badger, E. B., & Sons Co., copper boilers, joints, kettles, etc., 63-75 Pitts, Boston, Mass.
Badger Fire Extinguisher Co., 34 Portland, Boston, Mass.
Badger Fdry Co., Racine, Wis.
Badger, Franklin L., machst. & fndr., East Concord, N. H.
Badger Furnace Co., machsts., Appleton, Wis.
Badger Gas & Gasoline Engine Co., power transmitting & wood sawing machy., Kansas City, Kan.
Badger Handle Co., halters, straps, belts, etc., 323 E. Water, S., Milwaukee, Wis.
Badger, L. K., & Co., machsts., Quincy, Mass.
Badger Lbr. Co., 2401 E. 15th, Kansas City, Mo., and Tigerton, Wis.
Badger Malleable & Mfg. Co., malleable iron castings & specialties, South Milwaukee, Wis.
Badger Meter Mfg. Co., water meters, 261 3d, Milwaukee, Wis.
Badger Nail Co., 159 Muskego av, Wilwaukee, Wis.
Badger-Packard Machy. Co., 133 W. Water, Milwaukee, Wis.
Badger Sash & Door Co., 594 Island av, Milwaukee, Wis.
Badger State Machine Co., Janesville, Wis.
Badger State Tanning Co., harness leather, Sheboygan, Wis.
Badger Steel Roofing & Corrugating Co., cornices & skylights, La Crosse, Wis.
Badger Tool & Forge Co., cold forgings, cold & cape chisels, 707 Nebraska, Oshkosh, Wis.
Badger Wire & Iron Works, 25th av & Cleveland, Milwaukee, Wis.
Badges & Buttons, 931 Brook la, Baltimore, Md.
Badges & Buttons Co., advtg. novelties, Richmond, Va.
Badgley, S. R., architect, 6408 Euclid av, Cleveland, Ohio.
Badt-Westburg Elec. Co., ammeters, rheostats, etc., 53 W. Jackson blvd., Chicago, Ill.
Baechlin, Henry, architect, 665 Broad, Newark, N. J.
Baeck Wall Paper Co., 233 37th, Brooklyn, N. Y.
Baeder, Adamson & Co., paper & pulp mills & glue mfrs., Richmond & Allegheny, Philadelphia, Pa.
Baeder, J. L., elec. & gas light fixtures, 2849 Webster av, New York.
Baeder, Louis, architect, Securities bldg., Seattle, Wash.
Baehker, F., elec. light fixture mfrs., 2531 Milwaukee av, Chicago, Ill.
Baehring, H., brick, Schleisingerville, Wis.
Baenker, H. H., Motor Plow Co., St. Charles, Mo.
Baer, A. S., & Son, beer coolers, 106 Wall, New York.
Baer Bros., gold, silver & aluminum leaf, enamels, etc., 438 W. 37th, New York.
Baer, H., Co., contractors, 842 S. 19th, Newark, N. J.
Baer, Herbert M., architect, 665 5th av, New York.
Baer, R. P., & Co., lumber mfrs., Md. Casualty Bldg., Balto., Md.
Baerresen Bros., architects, Cham. Comm. Bldg., Denver, Colo.
Baerresen & Wieger, architects, Cheyenne, Wyo.
Baertl Anti-Slip Cement Co., 97 Water, New York.
Baeseman, G. H., Mfg. Co., lbr., Rib Falls, Wis.
Baeuerle & Morris, condensers, evaporators, distilling app., etc., 932 N. Front, Philadelphia, Pa.
Bagby Furniture Co., desk mfrs., Eastern av. & Exchange, Baltimore, Md.
Bagby, W. L., Co., Inc., cotton waste, Fort Worth, Tex.
Bagdad Land & Lumber Co., Bagdad, Fla.
Bagg, Egbert, architect, Clarendon Bldg., Utica, N. Y.
Baggot, E., Co., drainage systems, elec. light fixtures, 21 E. Lake, Chicago, Ill.
Baggstrom, J. E., architect, Wausa, Neb.
Bagley, Abraham, architect, Berne, Ind.
Bagley Canning Co., Talent, Ore.
Bagley Grader Co., railroad, reservoir, Tacoma, Wash.
Bagley & Sewell Co., machsts. & fndrs., Watertown, N. Y.
Bagley & Spicer, cornices & skylights, Pittsburgh, Kan.
Bagnell, Jas. F., architect, 93 W. 8th, Bayonne, N. J.
Bagnell Timber Co., Title Guaranty Bldg., St. Louis, Mo.
Bagshaw & Field, machsts., 145 N. 5th, Philadelphia, Pa.
Bagshaw, W. H., Co., textile machy., Lowell, Mass.
Bagues Freres Co., elec. & gas light fixtures, 705 5th av, New York.
Bagwell Mfg. Co., carriages, Gainesville, Ga.
Bahe, Edw., sash, door & blind mfrs., 1820 Austin av, Chicago, Ill.
Bahmann Iron Works Co., plantation machinery, Cincinnati, Ohio.
Bahn, Walter D., & Co., masons' & bldrs. matls., New Freedom, Pa.
Bahner, Geo., masons' & bldrs. matls., New Boston, Ohio.
Bahnsen, John, architect, Hauser Bldg., St. Louis, Mo.
Bahr Bros. Mfg. Co., machsts. & fndrs., Marion, Ind.
Bahr, Chas., contractor, Verona, N. J.
Bahr Demijohn Co., 901 Grand, Brooklyn, N. Y.
Baier Bros. Mfg. Co., poultry fountains, Cissna Park, Ill.
Baier & Conrad, cornices, 336 Hunterdon, Newark, N. J.
Baile, C. A. & Co., canned goods, Medford, Md.
Bailey, A. N., flour mills, Cedarville, W. Va.
Bailey & Allen Co., structural steel & plate-making machy., 122 S. Michigan blvd, Chicago, Ill.
Bailey & Alling Lbr. Co., Ft. Clay, Newark, N. J.
Bailey & Bailey, architects, Lawrence Bldg., Okla. City, Okla.
Bailey & Blendinger Mfg. Co., knives, Woburn, Mass.
Bailey & Bowne, auto. wood bodies, Utica, N. Y.
Bailey-Burruss Mfg. Co., mill & factory supp. & oil mill machy., Atlanta, Ga.
Bailey, C., & Co., wagon spokes, Elimsport, Pa.
Bailey, C. J., & Co., rubber gds., druggists' & surgical, 22 Boylston, Boston, Mass.
Bailey, C. M., & Co., meat packers, Newark, N. J.
Bailey, C. T., & Co., glue mfrs., 80 E. Jackson blvd., Chicago, Ill.
Bailey, C. W., & Son, carriages, Windsor, Va.
Bailey, Chas. A., granite, Suncook, N. H.
Bailey, Chas. J., architect, Bank, Waterbury, Conn.
Bailey & Co., storage battery trucks, Amesbury, Mass.
Bailey, D. J., granite producers, West Dummerston, Vt.
Bailey, E., & Sons, masons' & bldrs. matls., Patchogue, N. Y.
Bailey, E. M., & Son, agricultural implements, Leraysville, Pa.
Bailey Elmer Smith, architect, 33 Cornhill, Boston, Mass.
Bailey, Emment E., Co., architects, Keenan Bldg., Ptg., Pa., & Oil City, Pa.
Bailey Engine Co., machsts, Lima, N. Y.
Bailey, F. O., Carriage Co., Portland, Me.
Bailey, F. T., & Co., sink legs, North Scituate, Mass.
Bailey-Farrell Mfg. Co., plumbers' supplies, jobbers, 3d av & Ross, Ptg., Pa.
Bailey, Fred T., & Co., portable benches, North Scituate, Mass.
Bailey, G. E., & Sons, oven bldrs., Mansfield, Mass.
Bailey, G. W., Co., auto, binding & gimps, shoe knives, Brockton, Mass.
Bailey, Geo. D., Co., thrustball bearing, 1124 S. Michigan av, Chicago, Ill.
Bailey, Geo. P., & Son, stencils, Rochester, N. Y.
Bailey, J. Barnes, canned goods, Forest Hill, Md.
Bailey, J. E., canned goods, East Hebron, Me.
Bailey, J. W., & Co., masons' & bldrs. matls., Anderson, Ind.
Bailey, John T., Co., cordage & twine mfrs., Water & Morris, Philadelphia, Pa.
Bailey Knitting Mills, sweaters, etc., Fort Plain, N. Y.
Bailey & Koerner, contractors, Louisville, Ky.

Bailey, L. R., & Co., architects, N. W. Bank Bldg., Portland, Ore.
Bailey & Lambert, contractors, Walla Walla, Wash.
Bailey-Lebby Co., mill & facty. supplies, Charleston, S. C.
Bailey Lbr. Co., box shooks, Suncook, N. H.
Bailey-Lush Co., contractors, 201 N. Broad, Philadelphia, Pa.
Bailey, M. A., masons & bldrs. matls. Northampton, Mass.
Bailey Mach. Co., Hilderbran, N. C.
Bailey Mfg. Co., copying presses, Berlin, Conn.
Bailey-Marsh Co., contractors, Metropolitan Life Bldg., Minneapolis, Minn.
Bailey Meter Co., recording meter mfrs., 141 Milk, Boston, Mass. *See adv. index at end of book.*
Bailey, Myron C., contractor, Northampton, Mass.
Bailey, Oscar L., & Co., knitted gloves & mittens, Everett, Mass.
Bailey Piano Co., Whitlock & Leggett avs, New York.
Bailey, R. A., architect, 54 Lafayette av, Detroit, Mich.
Bailey, R., & Son, contractors, 18 Lackman av, Mariners Harbor, N. Y.
Bailey Reflector Co., show case, 617 2nd, Pittsburgh, Pa.
Bailey-Reynolds Chandelier Co., Kansas City, Mo.
Bailey, Robert M., architect, 15 Beacon, Boston, Mass.
Bailey, S. C., lumber, Cedartown, Ga.
Bailey Spencer Hardware Co., Lynchburg, Va.
Bailey, W. A., masons' & bldrs. matls., Northampton, Mass.
Bailey, W. C., contractor, Omaha, Neb.
Bailey, W. H., & Sons, cornices, Morgantown, W. Va.
Bailey, W. J., Co., masons' & bldrs. matls. San Diego, Cal.
Bailey, W. T., architect, 358 Beale av, Memphis, Tenn.
Bailey, W. T., & Co., cornices & skylights, Concord, N. H.
Bailey Wall Paper Co., 1915 W. 96th, Cleveland, O.
Bailey & Weston, window shade mfrs., 81 Wash'n, Boston, Mass.
Bailey, Wm. D., Co., sash, door & blind mfrs., Matawan, N. J.
Bailey, Wm. J., & Co., machsts., 401 Mulberry, Newark, N. J.
Bailey, Wm. M., Co., contractors, 88 Broad, Boston, Mass.
Bailey, Wm. R., heating contrs., 96 Warren, New York.
Bailey Willis F., contrs., Decatur, Ill.
Bailey's, C. M., Sons & Co., oil cloth mfrs., Winthrop, Me.
Bailie Basket Co., 82 Sudbury, Boston, Mass.
Baillard, E. V., Co., models & experimental wk., 24 Frankfort, New York.
Baillie Stone Co., The Arcade, Berlin Heights & Cleveland, O.
Bailor Plow Mfg. Co., Atchison, Kans.
Baily & Bassett, architects, 421 Chestnut, Philadelphia, Pa.
Baily Hardware Co., Pottstown, Pa.
Baily, R. M., & Co., machinery dlrs., Commercial Trust Bldg., Philadelphia, Pa.
Bain Bros. Mfg. Co., dryers, seed corn, Cedar Rapids, Ia.
Bain & Co., fertilizer mfrs., Courtland, Va.
Bain, Fred B., advtg., Ins. Bldg., San Francisco, Cal.
Bain, H. H., Sheet Metal Works, Shreveport, La.
Bain, L. F., & Sons, fertilizer mfrs., Wakefield, Va.
Bain Wagon Co., wagon makers, Kenosha, Wis.
Bainbridge, Chas. J., advt. nov., Syracuse, N. Y.
Bainbridge Electrical Co., telephones & apparatus, 1613 Sansom, Philadelphia, Pa.
Bainbridge, Wm. M., brick, Rushville, Ind.
Bainbridge's, Chas. T. Sons, Paper & Pulp Mills, 2 Cumberland, Brooklyn, N. Y.
Bains, G. B., & Son, trunk mfrs., 1028 Chestnut, Phila., Pa.
Bair, Harry S., architect. Vandergrift Bldg., Pittsburgh, Pa.
Bair, M. N., architect, 1911 Derry, Harrisburg, Pa.
Baird, A. D., & Sons, stone prod., 667 Wythe av, B'klyn, N. Y.
Baird Bros. & Co., metal polish, bicycle & sewing machine oils, Cleveland, Ohio.
Baird, C. K., Co., searchlights, 24 E. 23rd, New York.
Baird Co., surgical & dental instruments, Plainfield, N. J.
Baird, D. W., Lumber Co., 1026 W. 22d, Chicago, Ill.
Baird-Daniels Co., gin distillers, 143 W. B'way, New York.
Baird, David, Co., lbr., ties, poles, etc., Camden, N. J.
Baird Equipment Co., self winding clocks, chronographs, etc., 319 W. Ohio, Chicago, Ill.
Baird, Frederick, architect, Bangor Bldg., Cleveland, Ohio.
Baird Hardware Co., Gainesville, Fla.
Baird Harvester Co., Decatur, Ill.
Baird, J. H. & Son, fertilzer mfrs., Marlboro, N. J.
Baird Machine Co., badge pin machy., etc., Bridgeport, Conn.
Baird Mach. & Mfg. Co., 56 Jefferson av, Detroit, Mich.
Baird Machinery Co., machine tools & supply dealers, 125 Water, Pittsburgh, Pa.
Baird, Matthew, Contracting Co., 433 E. 92d, New York.
Baird Motion Picture Machine Co., 24 E. 23d, New York.
Baird, Motion Picture Mach. Co., 31 Runyon, Newark, N. J.
Baird Pneumatic Tool Co., drills, Topeka, Kan.
Baird & Slinger, mchsts. & fdrs., Portage, Wis.
Baird, W. J., Machy. Co., dlrs., Detroit, Mich.
Baird's, S. L. M., Sons, masons' & bldrs.' matls., Evansville, Ind.
Bairstow, Frederick, stone producers, Waukegan, Ill.
Baitelman, Sam'l, carriages, 211 Wooster, New York.
Baitinger, Wm. F., crushed stone, 1486 Mack av, Detroit, Mich.
Baizley, John, Iron Wks., mchsts. & fndrs., 514 S. Del. av, Philadelphia, Pa.
Bajohr, Carl, Lightning Conductor Co., 4055 Keokuk, St. Louis, Mo.
Bakeman, Geo. F., contractor, Benton Harbor, Mich.
Bakenridge Lbr. Co. (Ltd.), Springfield, La.
Baker, A. D., Co., agricultural implements, Swanton, Ohio.
Baker, A. T. & Co., plushes, Main & Carson, Philadelphia, Pa.
Baker & Adamson Chemical Co., hydrofluoric acid, Easton, Pa.
Baker Advtg. Co., advtg. novelties, 428 Central Blk., Pueblo, Colo.
Baker, Alfred, buttons, 79 Orange, Newark, N. J.
Baker, Alfred M., architect, Mercantile Nat'l Bank Bldg., St. Louis, Mo.
Baker, Barron, Inc., contractors & road machy., 221 W. B'way, New York.
Baker-Bell Motor Co., 665 N. Broad, Philadelphia, Pa.
Baker, Benj., machsts., Oswego, N. Y.
Baker & Bennett Co., bob sleds, 873 B'way, New York.
Baker Box Co., Worcester, Mass.
Baker & Brinkley, contractors, Norfolk, Va.
Baker & Bro., carriages, Lexington, Ky.
Baker Bros., flour mills, Binghamton, N. Y.
Baker Bros., drilling, etc., machines, Toledo, Ohio.
Baker Bros. & Co., plate glass, 27 South Gay, Baltimore, Md.
Baker Bros. Glass Co., Okmulgee, Okla.
Baker & Brown, fertilizer mfrs., Staunton, Va.
Baker-Brown Casket Co., Rochester, N. Y.
Baker Brush Co., 83 Grand, New York.
Baker, C. D., heating contrs., Raymond, Wash.
Baker, C. L., automobile bldrs., Norwalk, Conn.
Baker, C. O., canned goods, Fincastle, Va.
Baker, C. W. & Sons, canned goods, Aberdeen, Md.
Baker Castor Oil Co., 120 B'way, New York.
Baker, Cecil F., architect, 30 N. Michigan av, Chicago, Ill.
Baker, Cecil Frank, architect, University of Kansas, Kansas State Agri. College, Manhattan, Kan.
Baker, Charles, potteries, Rockville, Ind.
Baker, Chas. F., & Co., nails, 48 Lincoln, Boston, Mass.
Baker, Charles M., architect, 67 Milk, Boston, Mass.
Baker City Packing Co., meat, Baker, Ore.
Baker & Co., fertilizer mfrs., Winchester, Va.
Baker & Co., muffles, metal novelties & specialties, platinum sheet wire, etc., 54 Austin, Newark, N. J.
Baker, Donald A., designer of dies, tools, etc., Vanderbilt Ave. Bldg., New York.
Baker-Dunbar-Allen Co., contractors, Citizens Bldg., Cleveland, O.
Baker, Edwin F., contractor, Warren, Pa.
Baker Elec. Co., massage vibrators, Hartford, Conn.
Baker, F. M., Apparatus Co., laboratory apparatus, Syracuse, N. Y.
Baker Fndry. & Mach. Co., Amesbury, Mass.
Baker, Frank L., architect, Portation Bldg., Seattle, Wash.
Baker, Frank S., architect, 133 W. Washington, Chicago, Ill.
Baker, Fred, brick, Wilson, Conn.
Baker, Fred K., Lumber Co., mfrs. & wholesalers, Everett, Wash.
Baker, G. D., ties, poles, etc., Washington C. H., Ohio.
Baker, G. Harold, canned goods, Aberdeen, Md.
Baker, G. W., Mach Co., 218 French, Wilmington, Del.
Baker, Geo. M., Co., platinum, 91 Page, Providence, R. I.
Baker, Geo. W., masons' & bldrs.' matls., Loami, Ill.
Baker Gun & Forging Co., Batavia, N. Y.
Baker, H. H., & Co., yacht sails, Buffalo, N. Y.
Baker, H. J., & Bro., sulphate of ammonia, potash, camphor, etc., 81 Fulton, New York.
Baker, H. P., & Co., wood handles, Columbia, Va.
Baker, H. W., masons' & bldrs.' matls., Berryville, Va.
Baker & Hamilton & Pacific Co., wholesale hdwe., 7th & Townsend, San Francisco, Cal.
Baker, Harry F., landscape architect, 4629 Lake Harriet blvd, Minneapolis, Minn.
Baker & Holmes Co., masons' & bldrs.' matls., Jacksonville, Fla.
Baker, Hugh J., consulting sales engineer, Majestic Bldg., Indianapolis, Ind.
Baker Ice Mach. Co., Omaha, Neb.
Baker Iron Wks., Los Angeles, Cal.
Baker, J. A., canned goods, East New Market, Md.
Baker, J. E., Co., stone producers, York, Pa.
Baker, J. Edw., architect, Manchester, N. H.
Baker, J. K., & Sons Co., gasoline torches, Kendallville, Ind.
Baker, J. L., lumber, Omaha, Neb.
Baker, J. M., fertilizer mfrs., Temple, Ga.
Baker, J. T., Chemical Co., Phillipsburg, N. J.
Baker, Jas. M., patterns & models, 114 W. Exchange, Providence, R. I.
Baker, Jas. B., architect, 156 5th av, New York.
Baker, John, Jr., asphalt dlrs. & imptrs., 17 Battery pl, New York.
Baker, John M., architect, 9 Jackson av, Long Island City, N. Y.
Baker, John S., brake handles, rachet wheels, Beverly, Mass.
Baker, Jos. W., architect, 11 N. 4th, Harrison, N. J.
Baker & Lasher, Inc., contractors, New Britain, Conn.
Baker Lead Mfg. Co., Worcester, Mass.
Baker & Lockwood Mfg. Co., contrs. tents, Kansas City, Mo.
Baker & McDowell Hardware Co., Natchez, Miss.
Baker, McMillen Co., handles, wood turning, Akron, Ohio.
Baker, M. A., cornices, Brunswick, Ga.
Baker Mach. Co., New Bedford, Mass.
Baker Machinery Co., Des Moines, Ia.
Baker-Manchester Mfg. Co., silver & plated novelties, 100 Stewart, Providence, R. I.
Baker Mfg. Co., agricultural implements, Evansville, Wis.

Baker Mfg. Co., carts, culverts, street cleaning machines, etc., 1000 Stanford av, Springfield, Ill.
Baker Mfg. Corp., paper mill machy., Saratoga Springs, N. Y.
Baker-Matthews Mfg. Co., lumber, Sikeston, Mo.
Baker & Mays, flour mills, Marion, Ky.
Baker, Milton O., contractor, New Britain, Conn.
Baker-Minter Lbr. Co., Delaware, Va.
Baker, Moses E., architect, 73 Newberg, Boston, Mass.
Baker-Nealey Co., lumber, Chesaw, Wash.
Baker & Norris, architect, 41 E. 4th av, Cincinnati, Ohio.
Baker, O. D., Co., mattresses, 60 Canal, Boston, Mass.
Baker, Owen, Constr. Co., Johnstown, Pa.
Baker & Parker, architects, Equitable Bldg., Boston, Mass.
Baker & Price, contrs., Logansport, Ind.
Baker, R. D., Co., New Penobscot Bldg., Detroit, Mich.
Baker, R. & L. Co., automobile bldrs., ft. W. 80th, Cleveland, O.
Baker, R. T., Co., Lake av, N. W., Cleveland, Ohio.
Baker River Lumber Co., Concrete, Wash.
Baker & Smith, steamfitters' supplies, 408 N. Wells, Chicago, Ill.
Baker, Smith & Co., heating app., 576 Greenwich, New York.
Baker Specialty & Supply Co., plumbers' supplies—jobbers, Logansport, Ind.
Baker Stove Works, Belleville, Ill.
Baker, T. E. & Sons Co., elec. & gas light fixtures, San Jose, Cal.
Baker Valve Co., piston rings, 1855 E. 28th, Minneapolis, Minn.
Baker-Vawter Co., loose leaf devices, Benton Harbor, Mich.
Baker, W. Edgar, Jr., architect, 299 Madison av, New York.
Baker, W. J., Co., metal screens & specialties, Newport, Ky.
Baker, W. S., canned goods, Bridgeton, N. J.
Baker, W. T., paints, cements, etc., 224 Suydam av, Jersey City, N. J.
Baker, W. W., Tanning Co., Sumac, Hallsboro, Va.
Baker-Wakefield Cypress Co., Ltd., Plattenville, La.
Baker & Walls, canned goods, Sudlerville, Md.
Baker, Wm., contractor, 137 South, Jersey City & Passaic, N. J.
Baker, Wm., masons' & bldrs.' matls., New Baltimore, Mich.
Baker, Wm. E., contractor, Scranton, Pa.
Baker, Wm. H., machst., Trenton, N. J.
Baker & Winsor, battery chemicals, 189 Eddy, Providence, R. I.
Bakers' Helper Co., trade publication, 327 S. La Salle, Chicago, Ill.
Bakers, Joseph, Ltd., machinery imp., 235 B'way, New York.
Bakers' Review, trade publication, 233 B'way, New York.
Bakers' Weekly, trade publication, 41 Park Row, New York.
Bakersfield Iron Works, Bakersfield, Cal.
Bakersfield Sandstone Brick Co., Bakersfield, Cal.
Bakewell, John, Jr., architect, 251 Kearney, San Francisco Cal.
Bakke, O., architect, Missoula, Mont.
Bal, Wm., Co., trunk mfrs., 7 Vesey, Newark, N. J.
Balbach Smelting & Refining Co., 580 Market, Newark, N. J.
Balch Bros. & West, advtg. spec., Utica, N. Y.
Balch, H. F. & Co., contrctrs, Phoenix Bldg., Minneapolis, Minn.
Balch, Harold C., architect, Madison, Wis.
Balcomb, Edwin B., architect, 228 Sussex, Salem, Mass.
Bald Mountain Portland Cement Co., Aragon, Ga.
Baldauf, John, contractor, Marion, Ohio.
Baldensperger, S. G., contractor, Highland Bldg., Pittsburgh, Pa.
Balderston, Chas., architect, 411 Walnut, Philadelphia, Pa.
Balderston, H., & Son, archl. iron, 319 Pearl, Baltimore, Md.
Baldock & Co., flour mills, Dearborn, Va.
Baldoser & Pace Pottery Co., Roseville, Ohio.
Baldridge Bros., contrs., Decatur, Ill.
Baldridge, E R., & Co., stone producers, Hollidaysburg, Pa.
Baldridge Gear Co., 235 Mt. Elliot av, Detroit, Mich.
Baldridge, J. C., Lumber Co., Albuquerque, N. M.
Baldt Anchor Co., Chester, Pa.
Baldt Steel Co., Newcastle, Del.
Baldwin, A. & Co., Ltd., wholesale hdwe., Camp & Common, New Orleans, La.
Baldwin, Bert L., architect, Perin Bldg., Cincinnati, Ohio.
Baldwin Brass Wks., fndrs., 411 S. Clinton, Chicago, Ill.
Baldwin Bros., contrs., Rose Bldg., Cleveland, Ohio, & Erie, Pa.
Baldwin Bros., wagon hubs & spokes, Ironton, Mo.
Baldwin Bros., machinists, Winona, Minn.
Baldwin & Brown, wholesale hdwe., masons' & bldrs.' matls., 1557 E. Main, Richmond, Va.
Baldwin, C. R., contractor, West Chester, Pa.
Baldwin Chain & Mfg. Co., chains & sprockets for trucks, tractors & machine drivers, Worcester, Mass.
Baldwin, Chas. H., architect, Orange, N. J.
Baldwin, Chas. P., architect, 45 Clinton, Newark, N. J.
Baldwin Co., organs, 142 W. 4th, Cincinnati, Ohio.
Baldwin County Fertilizer Co., Milledgeville, Ga.
Baldwin, Dwight M., Jr., flour, 2219 Pillsbury av, Minneapolis, Minn.
Baldwin, E. F., machsts. & fndrs., Gardner, Mass.
Baldwin, E. N., hdwe. mfrs. (carriage), Shelton, Conn.
Baldwin, Edwin L., masons' & bldrs.' matls., Lestershire, N. Y.
Baldwin, Frank C., architect, 816 Conn. av, N. W., Washington, D. C., & Fredericksburg, Va.
Baldwin, Frank, & Son, contrs.' tools, 33 South, New York.
Baldwin, H. A., & Co., masons' & bldrs.' matls., 14903 Saranac, Cleveland, Ohio.
Baldwin, H. J., & Son, ties, poles & posts, Waverly, N. Y.
Baldwin, H. N., canned goods, Chestertown, Md.
Baldwin, Homer (Est. of), flour mills, Youngstown, Ohio.
Baldwin, J. Frank, masons' & bldrs.' matls., Birmingham, Ala.
Baldwin, J. J., architect, Anderson, S. C.
Baldwin, J. P., htg. contr., 208 N. Wells, Chicago, Ill.
Baldwin, Jas., Co., textile machy. supplies., etc., Manchester, N. H.
Baldwin, Jas. L., & Co., cash carriers, 350 W. Madison, Chicago, Ill.
Baldwin & Lewis, turpentine, Lee, Fla.
Baldwin, Linus, contractor, Middletown, Conn.
Baldwin Locomotive Works, Eddystone & Philadelphia, Pa.
Baldwin Lumber Co., Garfield av, Jersey City, N. J.
Baldwin Lumber Co., Ltd., Baldwin, La.
Baldwin, Martin, machsts. & fndrs., St. Clair, Mich.
Baldwin Mfg. Co., threshers, Sparta, Mich.
Baldwin, M. E., Construction Co., 140 S. Dearborn, Chicago, Ill.
Baldwin, N. T., & Son, contractors, Atlantic City, N. J.
Baldwin & Pennington, architects, Profesional Bldg., Baltimore, Md.
Baldwin Piano Co., Gilbert av, Cincinnati, Ohio.
Baldwin & Prisler Co., stone producers, Ottawa, Ill.
Baldwin Refrigerator Co., Burlington, Vt.
Baldwin Supply Co., mill & facty. supplies, Elkins, W. Va.
Baldwin, T. F., decorative art leathers, 3 W. 47th, New York.
Baldwin Tool Wks., mchsts. & fndrs., Parkersburg, W. Va.
Baldwin, Tuthill & Bolton, machsts., Grand Rapids, Mich.
Baldwyn Brick & Tile Co., Baldwyn, Miss.
Balestrieri, R., & Co., stone, Atlantic City, N. J.
Balf, Edw., Co., contractors, Hartford, Conn.
Balfour, Guthrie & Co., masons' & bldrs.' matls., Park & Oak, Portland, Ore.; Seattle, Wash., & San Francisco, Cal.
Balfour Quarry Co., Asheville, N. C.
Baling Tie Buckle Co., Waterloo rd, Cleveland, Ohio.
Balkan Construction Co., 53 W. Jackson blvd, Chicago, Ill.
Balke & Co., fndr., Louisville, Ky.
Balke & Krauss Co., sash, door & blind mfrs., Indianapolis, Ind.
Ball Bearing Shade Roller Co., Naugatuck, Conn.
Ball Bros.' Glass Mfg. Co., cans, fruit jars, bottle glass, sheet zinc., etc., Muncie, Ind.
Ball, Charles, architect, Lockhaven, Pa.
Ball Chemical Co., paint specialties, Fulton Bldg., Pittsburgh, Pa.
Ball & Cole, mchsts. & fndrs., Russellville, Ark.
Ball Engine Co., Erie, Pa.
Ball Gear & Mach. Co., machsts., 56 Greenpoint av, Brooklyn, N. Y.
Ball Ground Oil & Fertilizer Co., Ball Ground, Ga.
Ball, I. M., & R. E., carriages, Bushnell, Ill.
Ball, J. F., & Bro., Lumber Co. (Ltd.), Alexandria, La.
Ball & Jewell, machsts., 24 Franklin, Brooklyn, N. Y.
Ball, John R., Fdry. & Mach. Wks., Durango, Colo.
Ball, Phil. De C., machsts., 3003 N. B'way, St. Louis, Mo.
Ball & Roller Bearing Co., 22 Maple av, Danbury, Conn.
Ball & Socket Mfg. Co., metal buttons, West Cheshire, Conn.
Ballantyne, Henry F., architect, 2 W. 47th, New York.
Ballard, Agnes, architect, 312 Jefferson rd, West Palm Beach, Fla.
Ballard & Ballard Co., flour mills, Louisville, Ky.
Ballard Drop Forge Co., bolts, Seattle, Wash.
Ballard-Ford Hardware Co., Washington C. H., Ohio.
Ballard, J. W., Co., masons' & bldrs.' matls., Binghamton, N. Y.
Ballard Japanning Co., patent leather, Woburn, Mass.
Ballard Knitting Co., sweaters, etc., Norristown, Pa.
Ballard Packing Co., meat; fertilizer mfrs., Marion, Ind.
Ballard Plannery Co., Inc., architects, Columbia Bldg., Spokane, Wash.
Ballard & Son, stone, Sioux Falls, S. D.
Ballard, Stephen, Rubber Co., 90 W. B'way, New York.
Ballard Vale Mills Co., woolen flannels, Ballard Vale, Mass.
Ballard, Wm. M., contractor, Oneida, N. Y.
Ballast, Egbert, architect, 825 Oakland av, Grand Rapids, Mich.
Ballet, Jacob, cornices & skylights, Edinburg, Ill.
Balley, W. T. Lbr. Co., Virginia, Minn.
Balliet, A. H., cigar box mfrs., Allentown, Pa.
Ballin, August E., brick, Lacarne, Ohio.
Ballin, F. A., naval arch., Worcester Bldg., Portland, Ore.
Ballin, R. C., brick, Lacarne, Ohio.
Ballin Water Tube Boiler Co., Portland, Ore.
Ballinger & Perrot, architects, 1328 B'way, New York, & Methodist Bldg., Philadelphia, Pa.
Ballinger, R. C., & Co., contractors, 218 N. 13th, Phila., Pa.
Ballman Cabinet Co., 314 Russell av, Cincinnati, Ohio.
Balloffet-Baszanger Die Co., diamond draw plates, 108 Fulton, New York.
Ballou-Hutchins Elec. Co., time switches, Providence, R. I.
Ballou, J. C., granite, Quincy, Mass.
Ballou, Johnson & Nichols Co., wholesale hdwe., 128 Dorrance, Providence, R. I.
Ballou, M. E. & Son, Co., mill & clothes baskets, Becket, Mass.
Ballou Thread Co., 189 Charles, Providence, R. I.
Ballston Fibre Products Co., Ballston Spa., N. Y.
Ballweg & Co., packing box mfrs., Indianapolis, Ind.
Ballwood Co., machsts., 30 Church, New York.
Bally, Samuel H., contractor, Lancaster, Pa.
Balm Mfg. Co., mchsts. & fndrs., Canton, Ohio.
Balte, Ben & Son, lbr., Ferdinand, Ind.
Balte Mfg. Co., concrete mixers, Kearney, Neb.
Baltes, E. M. & Co., masons' & bldrs.' matls., Fort Wayne, Ind.

Baltes, H. A., lamp cord adjusters, Garwood, N. J.
Baltic Chemical Co., aniline dyes, dyewood extracts, etc., 183 Duane, New York.
Baltimore Belting Co., 115 W. Lombard, Baltimore, Md.
Baltimore Brass & Plating Wks., castings, 118 E. Centre, Baltimore, Md.
Baltimore Brick Co., Baltimore, Md., & Richmond, Va.
Baltimore Buggy Top Co., 113 W. Mt. Royal av, Baltimore, Md.
Baltimore Canning Co., 117 W. Cross, Baltimore, Md.
Baltimore Car & Fdry. Co., Pittsburgh, Pa.
Baltimore Car-Wheel Co., Fulton Station, Baltimoree, Md.
Baltimore Chemical Co., soldering flux, 321 St. Paul, Balti., Md.
Baltimore Cooperage Co., tank mfrs., Hanover & Creek, Baltimore, Md.
Baltimore Copper Paint Co., Key Highway & Covington, Baltimore, Md.
Baltimore Copper Smelting & Rolling Co., smelters & refiners, Baltimore, Md.
Baltimore Dry Docks & Ship Building Co., ship builders, Baltimore, Md.
Baltimore Enamel & Novelty Co., Woodall, Baltimore, Md.
Baltimore Engine Co., 221 N. Calvert, Baltimore, Md.
Baltimore Fertilizer Co., 221 N. Calvert, Baltimore, Md.
Baltimore Gas Appliance & Mfg. Co., mchsts. & fndrs., Bayard & Hamburg, Baltimore, Md.
Baltimore Gas Light Co., 13 N. Howard, Baltimore, Md.
Baltimore Hub-Wheel Mfg. Co., Fiswy & Gy, Baltimore, Md.
Baltimore Lumber Co., 1131 Watson, Baltimore, Md.
Baltimore Malleable Iron & Steel Castings Co., founders., Baltimore, Md.
Baltimore & Ohio R. R. Co., Baltimore, Md.
B. & O. R. R. Shops, mchsts. & fdrs., Newark, Ohio.
Baltimore Oil Co., lubricating oils dealer, 106 N. High, Baltimore, Md.
Baltimore Oxidized Nail Co., 215 S. Central av, Baltimore, Md.
Baltimore Peach Bottom Slate Corp., Delta, Pa.
Baltimore Pearl Hominy Co., Howard & Stockholm, Balto., Md.
Baltimore Plbg. Supply Co., steam fitters' supplies, 3 N. Central av, Baltimore, Md.
Baltimore Polytechnic Institute, engng. schools & coll., 311 Courtland, Baltimore, Md.
Baltimore Pump Co. (The), steam, 6 E. German, Baltimore, Md.
Baltimore Quarries Co., stone, Baltimore, Md.
Baltimore Retort & Fire Brick Co., cor Hull & Nicholson, Baltimore, Md.
Baltimore Roofing & Asbestos Mfg. Co., Asbestos, Md.
Baltimore Sash & Door Co., Howard & West, Baltimore, Md.
Baltimore Sign Co., sign mfrs., Baltimore, Md.
Baltimore Stamping & Enameling Co., tinware mfrs., 909 E. Pratt, Baltimore, Md.
Baltimore Terra Cotta Wks., fire clay, 1300 Covington, Baltimore, Md.
Baltimore Tube Co., brass & copper tubing mfrs., Wicamico & Ostend, Baltimore, Md.
Baltimore Varnish Wks., Severn & Bayard, Baltimore, Md.
Baltuff, Jos. M., Security Bank Bldg., Minneapolis, Minn.
Balyeat Mfg. Co., mattresses, Mansfield, Ohio.
B. & A. Mach. Wks., 317 S. Clinton, Chicago, Ill.
Bamberg Cotton Mills Co., sheetings, Bamberg, S. C.
Bamberger, Alex., contr., 3945 Perrysville av, Pittsburgh, Pa.
Bamberger, Herman Co., umbrella mfrs., 877 B'way, New York.
Bambrick Bros.' Construction Co., 5229 St. Louis av, St. Louis, Mo.
Bambrook, A. W., fdrs., Jacksonville, Ill.
Bame & Cardell, contractors, 176 Warren, Albany, N. Y.
Bamford & Smith Co., textile machy., 9 Culver, Providence, R. I.
Bammerlin, Wm. A., pianos, Massillon, Ohio.
Bammerun, Oscar W., pianos, Massillon, Ohio.
Banard, Lawrence, architect, 46 Lawton, New Rochelle, N. Y.
Bancroft & Barnard, mchsts. & fdrs., Gardner, Mass.
Bancroft, Francis W., architect, Bloomfield, N. J.
Bancroft, Fred'k. J., tennis racquet mfr., Pawtucket, R. I.
Bancroft, Jos. & Sons Co., shade cloth mfrs., Rockford, Wilmington, Del.
Bancroft Paper Co., Bancroft, Mass.
Bancroft Textile Co., auto. & furniture binding & gimps, Worcester, Mass.
Bancroft, Wendell & Co., masons' & bldrs.' matls., Reading, Mass.
Banderob-Chase Co., washing mach., Oshkosh, Wis.
Bandler, Bernard, & Sons, carbons, 220 5th av, New York.
Bane & Hoffman, contractors, Joplin, Mo.
Bangert, Valentine, contractor, 34 Orchard, Jamaica, N. Y.
Bangor Brick & Const. Co., Bangor, Me.
Bangor Casket Mfg. Co., Bangor, Pa.
Bangor Central Slate Co., roofing slate mfrs., Bangor, Pa.
Bangor Excelsior Slate Co., roofing slate mfrs., Easton, Pa.
Bangor Granite Co., Bangor, Me.
Bangor Lumber Mfg. Co., Bangor, Me.
Bangor Mattress Co., bedstead mfrs., Bangor, Me.
Bangor School Slate Co., Bangor, Pa.
Bangor Slate Mining Co., Bangor, Pa.
Bangor Stoneware Co., Bangor, Me.
Bangor Structural Slate Co., Bangor, Pa.
Bangor Washington Slate Co., rfg. slate mfrs., Bangor, Pa.
Bangs, C. H., Druggists' Fix. Co., store & bar fixtures, Reading, Mass.
Bangs-Gaynor Cement & Plaster Co., Fayetteville, N. Y.
Bangs, Jno. D., & Co., cooking apparatus, 421 S. Wabash av, Chicago, Ill.
Banister, A. W., Co., exhaust & blow piping, 421 Dorchester av, S., Boston, Mass.
Banister Mills, flour, Houston, Va.
Banister & Pollard Co., whol. hdwe. & mill & facty. supplies, 206 Market, Newark, N. J.
Bank Bros., contrs., 1416 Lincoln, Salt Lake City, Utah.
Banker, A. M., contractor, Gloversville, N. Y.
Banker, C. P., rural mail boxes, Lawrence, Kansas.
Banker Mfg. Co., door checks & springs, New Brunswick, N. J.
Banker Wind Shield Co., automobile, 5722 Ellsworth av, Pittsburgh, Pa.
Bankers' Engineering Co., architects, 112 E. 19th, New York.
Bankers' Ink Co., Kansas City Mo.
Bankers' Pen Co., 935 B'Way, New York.
Banks Bros., masons' & bldrs.' matls., Biddeford, Me.
Banks Bros. Packing Co., meat packers, Norfolk, Va.
Banks, F. S., & Co., protractors, 149 Church, New York.
Banks, John H., & Son, assayers, 61 B'way, New York.
Banks, Robert V., architect, 95 B'way, Brooklyn, N. Y.
Banks Supply Co., mill & facty. supplies, Huntington, W. Va.
Banks, W. O., architect, 2325 Larkin, San Francisco, Cal.
Bannantine Galvanized Iron Mfg. Co., 117 Soulard, St. Louis, Mo.
Banner Buggy Co., 11th & Howard, St. Louis, Mo.
Banner Chemical Co., Denver, Colo.
Banner Clay Wks., brick, Edwardsville, Ill.
Banner Coal & Sand Co., masons' & bldrs.' matls., R. I. & Wabash & Euclid, St. Louis, Mo.
Banner Elec. Wks. of Gen. E. Co., incandescent elec. lamps, Youngstown, Ohio.
Banner Fertilizing Co., Benson, N. C.
Banner Iron Works, bldrs.' iron wks., Shaw av & Oak Hill, St. Louis, Mo.
Banner Lumber Co., 7353 Manchester, St. Louis, Mo.
Banner Machine Co., Columbiana, Ohio.
Banner Mfg. Co., aqua ammonia, 373 Adelaide, Detroit, Mich.
Banner Mfg. Co., cradles, Mt. Airy, N. C.
Banner Mfg. Co., pipe couplings, basin cocks, 100 Lafayette, New York.
Banner Packing Co., Lebanon, Ohio.
Banner Rock Products Co., insul'n. cork, min'l, wool mfrs., Alexandria, Ind.
Banner Roller Mills, Lincolnton, N. C.
Banner Rubber Co., Keurick & Bittner, St. Louis, Mo.
Banner Sash & Door Co., 8025 S. B'way, St. Louis, Mo.
Banner Window Glass Co., So. Charleston, W. Va.
Banning Canning Co., Banning, Cal.
Banning, Cooper & Co., pig iron, Oliver Bldg., Pittsburgh, Pa.
Banning, L. G., lumber mfrs., 5th & Main, Cincinnati, Ohio.
Banning, W. E., Stamp & Stencil Wks., Syracuse, N. Y.
Bannister, A. F., & Co., cutlery mfrs., Newark, N. J.
Bannister, Geo. M., & Co., sweaters, etc., 3562 N. Marshall, Philadelphia, Pa.
Bannister, Geo. S., architect, 115 S. Dearborn, Chicago, Ill.
Bannister Marble & Granite Wks., stone producers, Bristol, Pa.
Bannister & Schell, architects, 67 Wall, New York.
Bannon Lbr. Co., Syracuse, N. Y.
Bannon, Michael E., architect, Fort Madison, Ia.
Bannon, P., Pipe Co., 528 W. Jefferson, Louisville, Ky.
Bannon P., & Sons, masons' & bldrs.' matls., 129 Richards, Brooklyn, N. Y.
Banta & Bender Co., incubators & refrigerators, Ligonier, Ind.
Banta Refrigerator Co., Clearfield, Pa.
Bantam Anti-Friction Co., ball, roll & thrust bearings, etc., Bantam, Conn.
Bantel, M., contractor, New Rochelle, N. Y.
Banting Machine Co., Toledo, Ohio.
Bantleon Bros. Co., sash, door & blind mfrs., Rochester, N. Y.
Bantz Bros., wood handles, Hoboken, N. J.
Baragwanath, Wm., & Son, steam condensers, heaters, pumps, etc., 53 W. Jackson blvd, Chicago, Ill.
Baranowitz, M., machsts., 218 Centre, New York.
Barataria Canning Co., Chartres & Mozant, New Orleans, La.
Barbara & D'Aurio, contractors, Waterbury, Conn.
Barbaresi, A., & Son, contractors, Mt. Vernon, N. Y.
Barbeau & Werring, contractors, N. W. Bldg., Minneapolis, Minn.
Barbed Anchor Mfg. Co., Louisville, Ky.
Barbee Wire & Iron Works, 180 N. Dearborn, Chicago, Ill., & Lafayette, Ind.
Barber, A. H., Creamery Supply Co., machsts., 300 W. Austin av, Chicago, Ill.
Barber Asphalt Paving Co., 294 Washington, Boston, Mass., 7 S. Dearborn, Chicago, Ill., & Land Title Bldg., Phila., Pa.
Barber-Bradley Construction Co., 1824 E. 15th, Los Angeles, Cal.
Barber Bros., steam engines, etc., Syracuse, N. Y.
Barber, C. G., advtg. signs, Ithaca, N. Y.
Barber Car Co., York, Pa.
Barber, Chas. L., sash, door & blind mfr., Orange, N. J.
Barber-Colman Co., textile machy., milling cutters, etc., Rockford, Ill.
Barber & Co., conveyor chain, lock nuts, 2812 S. Wabash av, Chicago, Ill.
Barber Donn, architect, 101 Park av, New York.
Barber, Earl W., architect, Superior, Wis.
Barber, Edgar J., architect, Dennison, Ia.

Barber, El., Mfg. Co., switches, North Attelboro, Mass.
Barber, G. L., fertilizer mfrs., Jacksonville, Tex.
Barber, H. J., contractor, 560 E. Grand blvd, Detroit, Mich.
Barber, H. S., masons' & bldrs.' matls., Penns Grove, N. J.
Barber, Horace, Distilling Co., Warehouse Point, Conn.
Barber, Joel D., architect, Grand Central Terminal, New York.
Barber, J. F., & Co., whol. hdwe., Hazleton, Pa.
Barber Leather Co., North Adams, Mass.
Barber & McMurray architects, Knoxville, Tenn.
Barber, M. A., mchsts. & fdrs., Norwich, Conn.
Barber, M. D., lbr. mfrs., Macclenny, Fla.
Barber Mfg. Co., bed springs, Anderson, Ind.
Barber Mfg. Co., cotton webbing, tapes, etc., Lowell, Mass.
Barber Mfg. Co., iron (architectural & ornamental), Ashtabula, Ohio.
Barber Milling Co., flour, 552 Cham. Commerce, Minneapolis, Minn.
Barber, O. C., Mining & Fertilizer Co., Akron, Ohio.
Barber & Ross, whol. hdwe., 11th & G., N. W., Washington, D. C.
Barber, T. P., architect, 1st Nat'l Bk. Bldg., Colorado Springs, Colo.
Barber Turpentine Co., Milton, Fla.
Barbers' Journal, trade publications, 25 W. 42nd, New York.
Barbey, H. J., canned goods, 220 Front, Portland, Ore.
Barbon Slate Co., Slatington, Pa.
Barbour Bros., machsts., Trenton, N. J.
Barbour Buggy Co., carriages, South Boston, Va.
Barbour Chemical Co., acids barium, 50th av, East Oakland, Cal.
Barbour Chemical Works, 354 Pine, San Francisco, Cal.
Barbour Flax Spinning Co., packing, twine, etc., Paterson, N. J.
Barbour, J. E., Co., linen thread, Paterson, N. J.
Barbour Silver Co., Meriden, Conn.
Barbour Stockwell Co., mchsts. & fndrs., confectioners' machy., 205 B'way, Cambridge, Mass.
Barbourville Brick & Tile Co., Barbourville, Ky.
Barcalo Mfg. Co., airplane parts & supplies, Buffalo, N. Y.
Barckley, A. J., cornices & skylights, Batavia, Ill.
Barcklow & Fulton, contractors, Camden, N. J.
Barclay, Alex. M., htg. contrs., 113 N. 6th, Philadelphia, Pa.
Barclay, Ayers & Bertsch Co., mill & facty. supplies, Grand Rapids, Mich.
Barclay Bros., granite, Barre, Vt.
Barclay, D., & Sons, blue prints, 1515 Sansom, Philadelphia, Pa.
Barclay, John E., contractor, Norfolk, Va.
Barclay Naval Stores Co., 44 Whitehall, New York.
Barclay, W. A., Jr., heating contractors, 314 Pacific av, Jersey City, N. J.
Barco Brass & Joint Co., 226 N. Jefferson, Chicago, Ill.
Barcroft, Fred, machsts., Madera, Cal.
Barcroft, Fred'k T., architect, Fine Arts Bldg., Detroit, Mich.
Barcus Bros., saws, Muskegon, Mich.
Barcus, G. F., masons' & bldrs.' matls., Rochester, Ind.
Barcus Mfg. Co., tuyere irons, Wabash, Ind.
Barcy-Nicholson Co., connectors, guards, metal polish, 837 W. Fort, Detroit, Mich.
Bard, Chas. G., mill & facty. supplies, Kalamazoo, Mich.
Bard Hardware Co., hdwe., whol., Reading, Pa.
Bard Mfg. Co., screw machine products, Waltham, Mass.
Bard Union Co., Norwich, Conn.
Bardall, J. C., Co., corn brooms, Moundsville, W. Va.
Barde, M., & Sons, machy. dealers, Portland, Ore.
Bardeen Paper Co., Otsego, Mich.
Barden Electric & Machinery Co., Houston, Tex.
Barden, Peter, granite, Providence, R. I.
Barden & Robeson Corp., carriage hubs, Penn Yan, N. Y.
Bardens & Oliver, lathes, etc., Cleveland, Ohio.
Bardes, E. H., Range & Fdry. Co., Cincinnati, Ohio.
Bardley, Chas. W., architect, Brown Bldg., Rockford, Ill.
Bardsley Bros. Co., elevator gates, doors, etc., 151 Baxter, New York.
Bardwell-Robinson Co., sashes, doors & blinds, 24th, av N, & 2d, Minneapolis, Minn.
Bareis, Geo. F., sash, doors & blinds, Canal Winchester, Ohio.
Barenfanger, C. W., Carriage Wks., Evansville, Ind.
Barfield, Wm. G., architect, 58 W. Washington, Chicago, Ill.
Barfly Screen Co., barfly window & door rolling screen mfrs., Portland, Me.
Barge & Lighter Repair Co., shipyard, dry dock & machine shops, ft. of Henderson, Jersey City, N. J.
Bargelt & Son, cornices, Hanover, Pa.
Barill, Alfredo, Jr., architect, Grant Bldg., Atlanta, Ga.
Baringer, M. F., mill, dairy & corn feed, Bourse, Phila., Pa.
Bario Metal Corp., acid resisting, elec. metal furnaces, 167 W. 18th, New York.
Bark River Bridge & Culvert Co., Bark River, Mich.
Barkelew Elec. Mfg. Co., cut-outs, machsts, Middletown, Ohio.
Barker, A. Iron Co., scrap iron & rubber, Springfield, Ill.
Barker, C. L., engines, Norwalk, Conn.
Barker-Cardy Mach. Co., Jacksonville, Fla.
Barker, Chadsey & Co., wholesale hwde & mill & facty. supplies, 38 Westminster, Providence, R. I.
Barker Chemical Co., Inglis, Fla., & Savannah, Ga.
Barker, Clarence G., architect, Salinas, Cal.
Barker & Co., lumber, 53 State, Boston, Mass.
Barker Cotton Mills, Mobile, Ala.
Barker, F. H., flour, High Point, N. C.
Barker, Frank M., flour mills, Mendota, Va.
Barker, Fred, fndr., Paterson, N. J.
Barker, Fred. K., Lumber Co., lumber mfrs. & wholesalers, Everett, Wash.
Barker, G. S., & Son, mchsts., fndrs., Scranton, Pa.
Barker, Geo. M., masons' & bldrs.' matls., 649 New York av, N. W., Washington, D. C.
Barker, H. & Co., starch mfrs., Chamber of Commerce, Boston, Mass.
Barker, H. J., & Co., sheet metal stamping, 101 N. Jefferson, Chicago, Ill.
Barker & Hamilton, mill & facty. supplies, 4th & Brannan, San Francisco, Cal.
Barker, Henry, & Co.. canned goods, Millsboro, Del.
Barker, Jas., castings, grate bar mfrs., etc., 6th & Cayuga, Philadelphia, Pa.
Barker-Jennings Hardware Co., Lynchburg, Va.
Barker & Kelly, carriages, 456 Penn., Washington, D. C.
Barker Lumber Co., Woburn, Mass.
Barker Mfg. Co., machsts. & fdrs., David City, Neb.
Barker, Rose & Clinton Co., wholesale hwde., Elmira, N. Y.
Barker, Russell F., architect, 43 Ann, Hartford, Conn.
Barker, S. G., & Son, gray iron castings, Scranton, Pa.
Barker-Sweet Mfg. Co., file & rasp mfrs., 220 N. Y. av, Jamaica, N. Y.
Barker, W. P., masons' & bldrs.' matls., Batavia, Ill.
Barker, Wm., & Co., machsts., & screw cutting lathes, Wheeler & Pleasant av, Cincinnati, Ohio.
Barker, Wm., & Co., metal shaking machy., Covington, Ky.
Barker, Wm. G., Co., lumber, 141 Milk, Boston, Mass.
Barkhausen, Carl, architect, 70 Wisconsin, Milwaukee, Wis.
Barkhausen, Henry A., masons' & bldrs.' matls., Green Bay, Wis.
Barkhorn, Wm. H., Co., sash, door & blind mfrs., 22 Sayre, Newark, N. J.
Barkley, A., Canning Co., Carlyle, Ill.
Barkley, N. Smith, contractor, 1324 W. 5th, Wilmington, Del.
Barkman, Geo., architect, Hamilton, Ohio.
Barks & Barstow Mfg. Co., mill bldgs. & roof trusses, Valley Park, Mo.
Barkwill-Farr Co., brick, Leader-News Bldg., Cleveland, Ohio.
Barler, A. C., Mfg. Co., document boxes, 341 E. Ohio, Chicago, Ill.
Barleson, Jas. A., contractor, Ambler, Pa.
Barley, J. E., canned goods, East Hebron, Me.
Barley Mfg. Co., auto. bldrs., Streator, Ill.
Barley Motor Car Co., Streator, Ill.
Barley & Spencer Lbr. Co., Marion, Ind.
Barley, Thos. K., agricultural implements, Sedalia, Mo.
Barlow, A. G. & Son, lumber, Westford, Conn.
Barlow, Alfred E., architect, 286 5th av, New York.
Barlow Bros., R. R. stationery, Grand Rapids, Mich.
Barlow Bros., belting mfrs., 543 N. 64th, Philadelphia, Pa.
Barlow Bros., contractors, 614 Fellows av, Syracuse, N. Y.
Barlow Bros. Co., cornices & skylights, Waterbury, Conn.
Barlow Co., mchsts. & fdrs., advertising nov. & spec., Holyoke, Mass.
Barlow & Co., steam fitters' supplies, Ossining, N. Y.
Barlow, Edwin T., architect, North Adams, Mass.
Barlow Fndry. Co., 551 R. R. av Newark, N. J.
Barlow Hardware Co., Corry, Pa.
Barlow, John W., Co., mill & facty. supplies, textile machy., Lawrence, Mass.
Barlow & Kent Co., carpet beaters, Urbana, Ohio.
Barlow, M. C., contractor, Columbus, Ga.
Barlow & Seelig Mfg. Co., clothes washing machines, Ripon, Wis.
Barlow, W. F., Jr., architect, Brockton, Mass.
Barlum, Jno. J., meat packers, 319 Lincoln av, Detroit, Mich.
Barlum, Thos. & Sons, meat packers, Bates & Cadillac sq, Detroit, Mich.
Barnaby, C. H., lbr., Greencastle, Ind.
Barnard, Arthur H., lumber, 206 Lumber Ex., Minneapolis, Minn.
Barnard, B. S., & Co., undergd. conduit tools, 50 Church, New York.
Barnard, Chas. A., woodworking machy., 210 Main, Gardner, Mass.
Barnard, Edw., Co., harness mfrs., Rome, N. Y.
Barnard, F. A., & Son, printing inks, 529 S. Dearborn, Chicago, Ill.
Barnard, Geo. A., cornices, Worcester, Mass.
Barnard, Geo. D., & Co., handcuffs, etc., Laclede & Vandeventer, St. Louis, Mo.
Barnard, H. B., contractors, 140 S. Dearborn, Chicago, Ill.
Barnard, Houston, contractor, Rochester, N. Y.
Barnard & Leas Mfg. Co., mchsts. & fndrs., & mill & facty. supplies, Moline, Ill.
Barnard Machinery Co., Enterprise, Kans.
Barnard Mfg. Co., mill & facty. supplies, Spokane, Wash.
Barnard, Porter & Remington, plate glass, Rochester, N. Y.
Barnard Stamp Co., 311 Olive, St. Louis, Mo.
Barner-Mead Lumber Co., 1962 E. 107th, Cleveland, Ohio.
Barnes, A. J., architect, 7114 Hawthorne av, Los Angeles, Cal.
Barnes, A. S., contractor, 215 W. 7th, Los Angeles, Cal.
Barnes, Allen L., architect, 37 W. Van Buren, Chicago, Ill.
Barnes, Almond W., soap, 32 Eagle, Brooklyn, N. Y.

Barnes Bros., contractors, Logansport, Ind.
Barnes Bros., poultry supplies, Wellsville, N. Y.
Barnes, Chas., Co., machsts., 55 Main, Cincinnati, Ohio.
Barnes, Chas. F. J., architect, Kresge Bldg., Detroit, Mich.
Barnes Drill Co., Rockford, Ill.
Barnes, E. A., contractors, Oklahoma City, Okla.
Barnes, E. H., Co., box shooks, 61 B'way, New York.
Barnes, F. C., Co., canned goods, Worcester Bldg., Portland, Ore.
Barnes, F. G., lumber, Silver Lake, Wash.
Barnes, Frederick M., architect, Haight Bldg., Seattle, Wash.
Barnes, H. N., contractor, South Bend, Ind.
Barnes, Harry A., contractor, Logansport, Ind.
Barnes, Henry K., Co., leather belting, mill & fire department supplies, 234 Devonshire, Boston, Mass.
Barnes & Irving, Inc., machinery, dealers' mill supplies, Syracuse, N. Y.
Barnes, J. A., Mach. Co., Oshkosh, Wis.
Barnes, James I., contractor & masons' & bldrs.' matls., Logansport, Ind.
Barnes, Julian, architect, 332 S. La Salle, Chicago, Ill.
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Barnes-Lindsley Mfg. Co., wood cross arms, Portland, Ore.
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Barnes Mfg. Co., pumps, Mansfield, Ohio.
Barnes Mfg. Co., sashes, doors & blinds, W. End, Jersey City, N. J.
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Barnes National Ink Co., 222 N. 5th, Philadelphia, Pa.
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Barnes-Ross Co., match safes, Indianapolis, Ind.
Barnes, Rudolph & Co., wall paper, York, [illegible]
Barnes Safe & Lock Co., bank vaults, 941 Liberty, Pittsburgh, Pa.
Barnes Safe & Vault Co., 12 N. 12th, Richmond, Va.
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Barnett Drop Forging Co., Easthampton, Mass.
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Barnett, G. & H., Co., file & rasp mfrs., 1076 Frankford av, Philadelphia, Pa.
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Barney, M. C., & Son, stone producers, Flint, Mich.
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Barney, Morgan, naval architect, 29 B'way, New York.
Barney & Smith Car Co., Dayton, Ohio.
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Barnum, F. S., architect, Cocoanut Grove, Fla.
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Baron, Carol F., architect, 1365 Pembroke, Bridgeport, Conn.
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Barre Medium Granite Co., Barre, Vt.
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Barrett Co., chemicals, paints & roofing mfrs., 17 Battery pl, New York.
Barrett-Cravens Co., elevating trucks, 608 S. Dearborn, Chicago, ill.
Barrett, Denton & Lynn Co., flour, Dalton, Ga.
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Barrett Hardware Co., Joliet, Ill.
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Barrett Sales Co., expansion bolts, etc., 568 W. Washington blvd., Chicago, Ill.
Barrett, Thos. A., architect, Eaton, Ohio.
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Barrett, W. C., & Bro., curtain rods & hardware mfrs., 603 N. La Salle, Chicago, Ill.
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Barrett, W. L., glass cutters' & soldering sets, mfrs., Bristol, Conn.
Barrett & Wall, steam htg. contrs., 40 Allyn, Hartford, Conn.
Barrett, Wm., contractor, 27 Hunneman, Boston, Mass.
Barrett, Wm. E., & Co., lbr. mfrs., 29 E. Madison, Chicago, Ill.
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Barringer, Wm. C., cornices, Decatur, Ill.
Barrington Steam Brick Co., 10 Weybosset, Providence, R. I.
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Barron, H. J., & Co., mill & facty. supplies, 149 B'way, New York.
Barron, Jas. S., & Co., whol. hdwe., 221 W. B'way, New York.
Barron Red Pressed Brick Co., Barron, Wis.
Barron Woolen Mill Co., woolen blankets, Barron, Wis.
Barrott, E., & Son, masons' & bldrs.' matls., Lawrenceburg, Ind.
Barrow, H. E., & Co., fertilizer mfrs., Farmville, Va.
Barrow, John H., & Co., envelope sealing machs., 5 N. La Salle, Chicago, Ill.
Barrow Laboratory Co., chemists Memphis, Tenn.
Barrow-Scott Milling Co., flour, Bristol, Tenn.
Barrow, W. B., contractor, Raleigh, N. C.
Barrows, Chas. S., architect, 344 East av, Rochester, N. Y.
Barrows, Geo. A., Lime Co., Denver, Colo.
Barrows, H. F., & Co., silver nov., N. Attleboro, Mass.
Barrows Lock Co., metal nov. & specialties, Lockport, Ill.
Barrows Mfg. Co., cordage & twine mfrs., Lansdale, Pa.

Barrus, Geo. H., consulting htg. engrs., Pemberton Bldg., Boston, Mass.
Barry, Bert B., second-hand railroad equip., Peoples Gas Bldg., Chicago, Ill.
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Barry, David J., contractor, 64 E. Manning, Providence, R. I.
Barry, E. J., paris green, 29 Cliff, New York.
Barry & Henneberger, masons' & bldrs.' matls., Paducah, Ky.
Barry & McAlister, horse collars, 233 Race, Philadelphia, Pa.
Barry, Smith & Withers, architects, Paris, Tex.
Barry-Wehmiller Machinery Co., bottles, machy. & supplies, 6501 Florissant av, St. Louis, Mo.
Barry, Wm. E., architect, Kennebunk, Me.
Barry, Wm. J., contractor, 439 Ashland, Boston, Mass.
Barry & Zecher Co., machinists, Lancaster, Pa.
Barschi, Harry, ash cans, 411 E. 107th, New York.
Barse, C. V. B., Co., oil well supplies, Olean, N. Y.
Barstow, J. P., & Co., steam fitters' supplies, Norwich, Conn.
Barstow Stove Co., combination heaters, 116 Point, Providence, R. I.
Barstow, W. S., & Co., Inc., contractors, 50 Pine, New York.
Bartberger, Jones & Fisher, architects, Westinghouse Bldg., Pittsburgh, Pa.
Bartelmann, R. W., Co., sash, door & blind mfrs., 910 Weed, Chicago, Ill.
Bartelme Co., lumber, E. Henn & 6th av, S. E., Minneapolis, Minn.
Bartelstone Bros., plate glass, 4179 3d av, New York.
Bartelstone & Co., plate glass, 1170 B'way, New York.
Bartenslager, J. H., fertilizer mfrs., Stewartstown, Pa.
Barth, A. H., Sr., boxes—rural, mail, Lamar, Mo.
Barth, Herman, architect, 12 Geary, San Francisco, Cal.
Barth, Jas. H., trunk mfr., 449 E. Water, Milwaukee, Wis.
Barth Mfg. Co., lifting jacks, 350 Milwaukee, Milwaukee, Wis.
Barthel, Bernard, brewery archt., 127 N. Dearborn, Chicago, Ill.
Barthold & Casey, masons' & bldrs.' matls., Houston, Tex.
Bartholomaei, Max, Son & Co., contractors, 466 Warren av, Detroit, Mich.
Bartholomew Co., auto. bldrs., mchsts. & fndrs., Peoria, Ill.
Bartholomew & Co., cornices & skylights, Michigan City, Ind.
Bartholomew, Edw. W., Lbr. Co., Buffalo, N. Y.
Bartholomew, H. M., architect, 39 E. Grant, Lancaster, Pa.
Bartholomew, M. L., floor plates, Phoenixville, Pa.
Bartholomew, Paul A., architect, Greensburg, Pa.
Bartholomew, R. C., lbr. mfs., Springfield, Mass.
Bartholomew Roofing Co., Memphis, Tenn.
Bartle, A. C., Lumber Co., Newark, N. Y.
Bartle Bros., stone, Plainfield, N. J.
Bartle, H. J., Mfg. Corp., tent, etc., mfrs., Troy, N. Y.
Bartlesville Vitrified Brick Co., Bartlesville, Okla.
Bartlesville Zinc Co., 61 B'way, New York.
Bartlett, A. F., & Co., mchsts. & fndrs., Saginaw, Mich.
Bartlett, A. L., Co., masons' & bldrs.' matls., Rockford, Ill.
Bartlett Box & Lumber Co., Westboro, Mass.
Bartlett Bros. Co., htg. contrs., regulators, etc., 178 Huron, Cleveland, Ohio.
Bartlett, C. H., architect, 580 Mass. av, Boston, Mass.
Bartlett, C. O., & Snow Co., agrlt. implts., conveying machy., crushers, dryers, etc., French St., Cleveland, Ohio.
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Bartlett & Co., mine car wheels, Saginaw, Mich.
Bartlett & Dow Co., wholesale hdwe. & mill & facty supplies, Lowell, Mass.
Bartlett, E. E., machy., 326 A, Boston, Mass.
Bartlett, Edw., contractor, Watertown, Wis.
Bartlett, Edwin E., metal working mach'y, Nashua, N. H.
Bartlett Excelsior Co., excelsior, Melvin Mills, N. H.
Bartlett, Geo. M., architect, 103 Park av., New York.
Bartlett Hayward Co., mfrs. tanks, stoves, etc., Baltimore, Md.
Bartlett, Herbert F. J., architect, Caldwell, N. J.
Bartlett, J. B. C., Iron Wks., 229 W. 36th, New York.
Bartlett, J. E. Co., masons' & bldrs.' matls., Jackson, Mich.
Bartlett, Joseph F., sash, door & blind, Turners Falls, Mass.
Bartlett, L. D. & Son, rakes—garden or lawn, etc., South Tamworth, N. H.
Bartlett & McFarlane, masons' & bldrs.' matls., Waterloo, Ia.
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Bartlett Mill Co., lumber, Machias, Wash.
Bartlett, O. L., butchers' blocks, Mound City, Ill.
Bartlett, R. R., architect, Astoria, Ore.
Bartlett, Sam'l L., architect, German Life Bldg., St. Paul, Minn.
Bartlett, W. Orrin, architect, 738 Broad, Newark, N. J.
Bartlett, W. S., lbr., South Kingston, N. H.
Bartlett, W. T. S., machy. dealer & mill & facty. supplies, Lowell, Mass.
Bartlett, W. W., window screens, Leominster, Mass.
Bartley Bros. & Hall, horse clippers, 50 Warren, New York.
Bartley Graphite Products Co., Bartley, N. J.
Bartley, Jonathan, Crucible Co., crucible phosphorizers & plumbago stoppers, Trenton, N. J.
Bartley-Kennedy Co., heating contrs., 224 3d av, Pittsburgh, Pa.
Bartley Mfg. Co., bags & bagging, 261 South, New York.
Bartley, R. C., Co., mchsts. & fndrs., Bartley, N. J.
Bartley, Wm. & Sons, mchsts. & fndrs., Bartley, N. J.
Bartlum, Geo. L., sponges, Key West, Fla.
Barton & Bro., flour mills, Summers, Ark.
Barton, C. B., architect, 1st Trust & S. B. Bldg., Oakland, Cal.
Barton County Flour Mills Co., Great Bend, Kans.
Barton, Cyrus, masons' & bldrs.' matls., Lowell, Mass.
Barton, F. C., tapes, braids, webbings, etc., 65 Worth, New York.
Barton, Francis M., Co., architects, 304 S. Wabash av, Chicago, Ill.
Barton, Geo. H. W., cornices & skylights, Bath, Me.
Barton, George Edward, architect, Consolation House, Clifton Springs, N. Y.
Barton, Harry, architect, Greensboro, N. C.
Barton, H. H. & Son Co., flint paper, 109 S. 3d, Philadelphia, Pa.
Barton & Hite, contractors, Sacramento, Cal.
Barton, Howard H., architect, Brattle Bldg., Cambridge, Mass.
Barton, J. E., sash, door & blind, Anderson, S. C.
Barton, Jno. W., steam traps, 2707 Vestry av, Cleveland, Ohio.
Barton Lumber & Brick Co., Jonesboro, Ark.
Barton Mfg. Co., rubber stamps, 87 Duane, New York.
Barton Salt Co., Hutchinson, Kans.
Barton, W. C., architect, Hubbell Bldg., Des Moines, Ia.
Bartoo, Elfred H., architect, Ackerman Bldg., Binghamton, N. Y.
Bartow Brick Co., Atlanta, Ga.
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Bartsch, August, flour mills, Paris, Ark.
Bartsch, Valentine, glass stainers, Roslindale, Boston, Mass.
Bartz, Jno. J., steel structural wk., 249 15th, Milwaukee, Wis.
Baruch Elec. Controller Co., circuit breakers & enclosed fuses, 111 Kearny, San Francisco, Cal.
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Barwick Investment & Const. Co., 610 Chestnut, St. Louis, Mo.
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Basford, Erickson & Co., cornices, 24 Armat, Gtn., Phila., Pa.
Bash, C. E. & Co., masons' & bldrs.' matls., Huntington, Ind.
Bash, S. & Co., fertilizer mfrs., Fort Wayne, Ind.
Bashford, E. A., ties, poles & posts, Peebles, O.
Bashlin Co., steam, gas & water valve mfrs., Warren, Pa.
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Basic Products Co., hydrated lime, Oliver Bldg., Pittsburgh, Pa.
Baskerville & Jones, flour mills, Champe, Va.
Basket Importing Co., 119 W. 23d, New York.
Basket Novelty Corp., willow, 75 W. Houston, New York.
Baskin Lumber Co., Baskin, La.
Basman, A. M., & Co., cornices, 468 Fort W., Detroit, Mich.
Basnight, J. S., hdwe., Neubern, N. C.
Bason, Wm. & Son, contractors, Sayville, N. Y.
Basore Milling Co., flour, Kingston, Ark.
Bass Bros., mill & facty. supplies, 82 Walker, New York.
Bass, E. & J., silver novelties, 610 B'way, New York.
Bass, E. L. & Bros., contrs., 708 Bainbridge, Richmond, Va.
Bass Fndry. & Machine Co., Rock Run, Ala., & Fort Wayne, Ind.
Bass, Herbert L., & Co., architects, Hume-Mansur Bldg., Indianapolis, Ind.
Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.
Bass, Jos., wash boilers, 239 Race, Philadelphia, Pa.
Bass, Sam'l M., 38 Belleville av, Newark, N. J.
Bass, Smith Co., canned goods, Litwalton, Va.
Basse, Wm., Hardware Co., San Antonio, Tex.
Bassemir, John, & Son, machsts., 87 Frankfort, New York.
Bassett, A., Iron & Wire Wks. 42 Walworth, Brooklyn, N. Y.
Bassett & Courtney, brick, Beaver City, Ind.
Bassett, D. M., Bolt Wks., Shelton, Conn.
Bassett, E. C., bob sleds, farm wagons, Sterling, Ill.
Bassett Jewelry Co., silver novelties, 101 Sabin, Providence, R. I.
Bassett, Josiah G., common brick, Bridgewater, Mass.
Bassett, O. T. & Co., masons' & bldrs.' matls., El Paso, Tex.
Bassett Pattern Wks., 62 Central av, Cincinnati, Ohio.
Bassett, Robt. N., Co., corset wire, 220 5th av, New York.
Bassett, Walter, soap, Taunton, Mass.
Bassford, C. A., architect, 371 Selby av, St. Paul, Minn.
Bassford, E. P., & C. A., architects, Gilfillan blk., St. Paul, Minn.
Bassick, N. C., & Sons, granite, South Thomaston, Me.
Bassill, Louis, Co., mchsts. & fdrs., 100 Utica, Boston, Mass.
Bassindale, Lambert, architect, Capital Bk. Bldg., St. Paul, Minn.
Bassman & Oislander, scrap lead, brass, zinc, tin, 217 Front, New York.
Bast, T. W., architect, Sedalia, Mo.
Bast, W. H., architect, 2227 Sycamore, Terre Haute, Ind., & Afton, Okla.
Bastian-Blessing Co., safety devices, carbonaters, etc., 125 W. Austin av, Chicago, Ill.
Bastian Bros. Co., advertising novelties, signs, etc., Rochester, N. Y.
Bastian-Morley Co., water htrs., La Porte, Ind.
Bastman, Geo. F., architect, 807 E. 15th, Kansas City, Mo.
Bastress, D. G., architect, Sharon, Pa.
Bastress, J. N., & Co., contractors, Scranton, Pa.
Bastrop Cotton Oil Co., Bastrop, La.
Baszanger, carbons, 65 Nassau, New York.
Bataille, Achille & Co., bank railings, 587 Hudson, New York.
Batavia Brass & Iron Novelty Wks., oil can faucets, Batavia, N. Y.

Batavia Canned Goods Co., Batavia, N. Y.
Batavia Clamp Co., Batavia, N. Y.
Batavia Engineering Works, mchsts. & fdrs., Batavia, Ill.
Batavia Foundry Co., Batavia, Ohio.
Batavia Machine Co., bean separators, Batavia, N. Y.
Batavia & N. Y. Wood-Working Co., Batavia, N. Y.
Batavia Rubber Co., Batavia, N. Y.
Batchelder & Collins, masons' & bldrs.' matls., Norfolk, Va.
Batchelder-Gallant Co., plugs, 106 Ferdinand, Boston, Mass.
Batchelder, R. C., mason's mat'ls., Albany, N. Y.
Batchelder & Snyder Co., meat packers, 55 Blackstone, Boston, Mass.
Batchelder-Wasmund Co., stone producers, Jefferson av. W. & 15th, Detroit, Mich.
Batcheller, E. S., & Co., wholesale hdwe & mill & facty. supplies, Gloversville, N. Y.
Batchelor Timber Co., lbr. mfrs., Saginaw, Mich.
Batdorf & Co., brick, Burlington, Kans.
Bate, A. & Son, stone producers, Bay City, Mich.
Bate Boiler Efficiency Co., flue cleaners, Conshohocken, Pa.
Bate, Wm. T., & Son, machts. & fdrs., Conshocken, Pa.
Batalle & Renwick, chemicals, 80 Maiden la, New York.
Bateman, C. J., architect, 293 Washington, Boston, Mass.
Bateman, J. B., Jr., lumber, Whitney Bldg., New Orleans, La.
Bateman, J. Paul, Co., auto. wood bodies, Bridgeton, N. J.
Bateman, John J., contractor, 845 Locust av, Germantown, Philadelphia, Pa.
Bateman Mfg. Co., agricultural implements, Grenloch, N. J.
Bateman, W. M., contractor, Lexington, Ky.
Bates, A. B., Co., machsts., Oakland, Me.
Bates & Bacon, cigar cutters, Attleboro, Mass.
Bates, Borland & Ayer, contractors, Crocker Bldg., Oakland, Cal.
Bates Bros., Co., bank messengers' wallets, Athol, Mass.
Bates, C. E., Co., canned goods, Blanchester, Ohio.
Bates, C. J., & Son, manicure sets, Chester, Conn.
Bates, Chas. E., architect, Hume-Mansur Bldg., Indianapolis, Ind.
Bates, Chas. F., & Co., soap, Wollaston, Mass.
Bates, Chas. W., architect, Bd. of Tr. Bldg., Wheeling, W. Va.
Bates, Chas. W., contractor, Youngstown, Ohio.
Bates & Clark Co., contractors, Seattle, Wash.
Bates & Culley, organs, 1827 S. 11th, Philadelphia, Pa.
Bates, Delos, lbr. mfrs, Madison, Ohio.
Bates, E. E. & J. H., well curbing, Arlington, Providence, R. I.
Bates, E. V., Mach. Co., Lowell, Mass.
Bates & Edmonds Motor Co., mchsts. & fdrs., Lansing, Mich.
Bates, Edw., Co., steamfitters' supplies, Syracuse, N. Y.
Bates Elev. Co., 211 President, Baltimore, Md.
Bates Expanded Steel Truss Co., linemen's climbers, steel poles, 208 S. La Salle, Chicago, Ill.
Bates & Gamble, architects, Close Realty Bldg., Toledo, Ohio.
Bates, Geo. A., & Son, mchsts. & fdrs., Fall River, Mass.
Bates, H. C., architect, Berlin, N. H.
Bates, H. G., canned goods, Blanchester, Ohio.
Bates & How, architects 542 5th av, New York.
Bates, Howard M., soap, 1140 Fairmount av, Philadelphia, Pa.
Bates, J. B., flour mills, McQuady, Ky.
Bates, J. E., & Co., rubbers, boots & shoes, 202 Church, New York.
Bates, John S., granite producers, Norwalk, Conn.
Bates, L. L. & Co., safe deposit locks, 150 Portland, Boston, Mass.
Bates Mach. Co., Joliet, Ill.
Bates Mfg. Co., machsts., numbering mach., Orange, N. J.
Bates, Orson C., lumber mfrs., Point Rock, N. Y.
Bates & Rogers Construction Co., 37 W. Vanburen, Chicago, Ill.
Bates Tractor Co., engines, Lansing, Mich.
Bates Valve Bag Co., bag fillers, 7310 So. Chic. Av, Chicago, Ill.
Bates, W. E., Mfg. Co., metal novelties, Waterbury, Conn.
Batesburg Cotton Oil Co., fertzr. mfrs., Batesburg, S. C.
Batesville Casket Co., Batesville Ind.
Batesville Excelsior Co., excelsior mfrs., Batesville, Ark.
Batesville Lumber & Veneer Co., Lawrenceburg, Ind.
Batesville Mfg. Co., wagon spokes, Batesville, Miss.
Bath Auto & Gas Engine Co., Bath, Me.
Bath, Cyril J., & Co., machy. dlrs., Cleveland, Ohio.
Bath Harness Co., horse collars, Bath, N. Y.
Bath Iron Works, Ltd., mchsts. & fndrs., Bath, Me.
Bath, John Co., Inc., spec. machy., precision tools, jigs, fixtures, etc., 8 Grafton, Worcester, Mass.
Bath Portland Cement Co., 31 Clinton, Newark, N. J.
Baton, Henry E., contractor, 12th & Sansom, Phila., Pa.
Baton Rouge Brickyard, Baton Rouge, La.
Batschy, Jno., architect, Wells Bldg., Quincy, Ill.
Batson, C. A., contractor, Brockton, Mass.
Batson-Cook Co., masons' & bldrs.' matls., Westpoint, Ga.
Battaglia Bros., scrap rubber, 381 Pearl, New York.
Battalle & Renwick, saltpetre, refuse salt, refined sulphur, 80 Maiden la, New York.
Battenfield, M. W., masons' & bldrs.' matls., Delaware, Ohio.
Batterman, Henry C., mach. & fdr., Dyer, Ind.
Batterman Truitt Co., elec. disc fans, 20 E. Kinzie, Chicago, Ill.
Batterson & Eisele, granite, marble, 101 Pk. av, New York.
Batterson & Eisele, marble, Edgewater, N. J.
Batterson, Ernest S., architect, Kalamazoo, Mich.
Batterson, J. G., granite, 489 5th av, New York.
Battery Engng. & Constr. Co., contractors, 17 Battery Pl., New York.
Battery Park Fish & Oyster Co., canners, Smithfield, Va.
Battey Machinery Co., Rome, Ga.
Battie Hardware Co., Dawson, Ga.
Battin & Co., silver nov., 3d av, Newark, N. J.
Battis Bros., mill & steam fitters' supplies, Oshkosh, Wis.
Battjes Fuel & Building Material Co., Grand Rapids, Mich.
Battle Creek Coal & Coke Co., Orne, Tenn.
Battle Creek Furnace & Roofing Co., cornices, Battle Creek, Mich.
Battle Creek Paper Co. (Ltd.), folding paper boxes, Battle Creek, Mich.
Battle Creek Roofing & Mfg. Co., varnish, Battle Creek, Mich.
Battle Creek Sand Sifter Co., Battle Creek, Mich.
Battle, J. C., architect, Grant Bldg., Atlanta, Ga.
Battle Laboratory Chemists, Montgomery, Ala.
Bauch, Walter, gas ranges, 8651 Vincennes, Chicago, Ill.
Bauder E., mchsts. & fdrs., Sterling, Ill.
Bauer, A., Construction Co., 227 W. Huron, Chicago, Ill.
Bauer & Beamer, stone prod., Muskegon, Mich.
Bauer & Black, elastic hosiery, 45 W. 25th, Chicago, Ill.
Bauer Bros., contrs., Belleville, Ill.
Bauer Bros. Co., oil mill & feed grinding machinery, Bauer Bldg., Springfield, Ohio.
Bauer Bros. Mfg. Co., carriage aprons, Richmond & Carr, Cincinnati, Ohio.
Bauer, C., Jr., architect, 801 Manhattan av, Brooklyn, N. Y.
Bauer, Chas., masons' & bldrs.' matls., Springfield, Ohio.
Bauer, E., cornices, Hamilton, Ohio.
Bauer, Jno. G., stone producers, 1 Quebec rd, nr Price Hill, Cincinnati, Ohio.
Bauer, Jos., cornices & skylights, Fergus Falls, Minn.
Bauer, Julius, & Co., pianos, 305 S. Wabash av, Chicago, Ill.
Bauer Mach. Co., Jeffersonville, Ind.
Bauer Machine Wks. Co., Kansas City, Mo.
Bauer, Max, cameras, Jersey City, N. J.
Bauer, Philip, Co., manganese, varnish, gums, etc., 68 Broad, New York.
Bauer Trunk & Bag Co., Oshkosh, Wis.
Bauer, Walter S., contractor, 420 Upsal, Philadelphia, Pa.
Bauerle & Stark Co., tele. cabinet wk., 1147 W. Ohio, Chicago, Ill.
Bauer's, Chas., Sons, cornices, 159 William, Buffalo, N. Y.
Bauer's, Jacob, Sons, meat packers, 2932 Massachusetts, Camp Washington, Cincinnati, Ohio.
Baugh, Batten & Baugh, canned goods, Clarksville, Ohio.
Baugh, C. L., canned goods, New Vienna, Ohio.
Baugh Cable Clip Co., elec. cable hangers, Hopkinsville, Ky.
Baugh & Sons Co., chemicals, 20 S. Delaware av, Philadelphia, Pa., & Baltimore, Md.
Baughman, J. H., & Co., Inc., flour mills, Stanford, Ky.
Baughman, N. C., clothes washing machs., York, Pa.
Baughman, S. E., & Sons, mchsts. & fdrs., Taylorville, Ill.
Baughman & Son, brick, Broughton, Ohio.
Baughman Stationery Co., pads & tablets, Richmond, Va.
Bauhaf Bros., stone producers, Canton, Ohio.
Bauholzer, Paul P., telegraph instruments, 2339 E. Huntington, Phila., Pa.
Baulard, V. L., & Co., glass, Galveston, Tex.
Baulet Fine Tool Wks., Sebago Lake, Me.
Baum Bros. Co., cups disinfectants, floor oils, polishes, soap, etc., Denver, Colo.
Baum, C. F., Co., silk fringes, 232 S. Franklin, Chicago, Ill.
Baum, Chas., mirror plateaux, 311 B'way, New York.
Baum, Dwight J., architect, Riverdale-on-Hudson, N. Y.
Baum, Ewald J., architect, Empire State Bldg., Spokane, Wash.
Baum, Geo. G., architect, 1424 Arch, Philadelphia, Pa.
Baum, J., Safe & Lock Co., 617 E. Front, Cincinnati, Ohio.
Baum, Jacob G., machsts., 537 W. 35th, New York.
Baum, M. J., stone prod., Springfield, Ill.
Baum & Schoel, bakers' machy., Waterloo, Ia.
Bauman Hardware Co., Wausau, Wis.
Bauman, J. F., architect, Knoxville, Tenn.
Bauman, Jos., & Son, cornices, 61 W. 4th, New York.
Baumann, Albert B., architect, Knoxville, Tenn.
Baumann Dyestuff & Chemical Co., 250 Plymouth, Brooklyn, N. Y.
Baumann, Ferdinand, Sons Co., sash, door & blind mfrs., 181 W. Main, Columbus, Ohio.
Baumann, Frederick, architect, 2744 Pine Grove av, Chicago, Ill.
Baumann, H. C., architect, 251 Kearny, San Francisco, Cal.
Baumann, Jacob, stone, 1326 Altgeld, Chicago, Ill.
Baumann, L., landscape architect, 3233 Portis av, St. Louis, Mo.
Baumann Rubber Co., New Haven, Conn.
Baumeister, F., & Son, berry boxes, Rockwood, Mich.
Baumeister, L. W., Co., contrs., 1145 Rose, St. Paul, Minn.
Baumeister Piano Co., 511 E. 72d, New York.
Baumeister, W. I., contractor, Bellingham, Wash.
Baumeister, Wm., Co., contractors, Pioneer Bldg., St. Paul, Minn.
Baumgardener Concrete Products Co., Tiffin, Ohio.
Baumgart, Fred, brick, Humphrey, Neb.
Baumgarten & Co., toys, games & nov., 213 E. Fayette, Baltimore, Md.
Baumgarten, Wm., & Co., interior hardwood wk. mfrs., 715 5th av, New York.
Baumgarten & Wyler, machts. & brass fndrs., El Paso, Tex.

Baumgarth, John, Co., fly killers, 1414 W. Randolph, Chicago, Ill.
Baumgartner Bros., brick, Chatfield, Ohio.
Baumgartner, Eugene, musical instrument strings, etc., 829 W. 53 pl, Chicago, Ill.
Baumgartner, Frank, contractor, Harrisburg, Pa.
Baumneckel, G., & O., meat packers, Dayton, Ohio.
Baum's Castorine Co., lubrg. oils, Rome, N. Y.
Baur Fdy. Co., Belleville, Ill.
Baur, Jno. Albert., Architect, Sharon Bldg., San Francisco, Cal.
Baur Window Glass Co., Eaton, Ind.
Bauroth Bros., machsts., Springfield, Ohio.
Baurotn, E. F., power presses, Toledo, Ohio.
Bausback, Robt. & Sons, fertilizer mfrs., Shelbyville, Ind.
Bausch & Lomb Optical Co., scientific instruments, Rochester, N. Y.
Baush Machine Tool Co., Springfield, Mass.
Bausmith & Drainie, architects, Gerke Bldg., Cincinnati, Ohio.
Baute, Henry, mchsts. & fdrs., Benton Harbor, Mich.
Bavaria Knitting Mills, sweaters, cardigans, etc., 121 S. Market, Chicago, Ill.
Bawden, J. H. & Co., mchsts. & fndrs., Freehold, N. J.
Baxendale, Whittlesey & Cummings, stamping presses, etc., Rochester, N. Y.
Baxter, A. E., Engng. & Appraisal Co., Buffalo, N. Y.
Baxter Bros., contractors, Huntsville, Ala.
Baxter Bros. Co., canned goods, Brunswick, Me.
Baxter, G. S. & Co., lumber, 17 William, New York, & Fernandina, Fla.
Baxter, H. C., & Bro., canned goods, Brunswick, Me.
Baxter, Henry V., fertilizer mfrs., Chester, Pa.
Baxter, J. J., contractor, Jackson, Miss.
Baxter, Jas., Fdry. & Mach. Wks., Boise, Idaho.
Baxter, Kelley & Faust, plushes, 28 E. 19th, New York.
Baxter Mach Co., Lebanon, N. H.
Baxter, Odell & Halpin, archts., Hammond Bldg., Detroit, Mich.
Baxter Sash & Door Co., Duluth, Minn.
Baxter, T. W., Co., scrap iron & steel, Utica, N. Y.
Bay Chemical Wks., sal soda, North Point & Kearny, San Francisco, Cal.
Bay City Boiler Co., Bay City, Mich.
Bay City Box & Crate Co., Bay City, Mich.
Bay City Constr. Co., Bay City, Mich.
Bay City Dredge Wks., ditching machs., Bay City, Mich.
Bay City Forge Co., hammered steel forgings, 1820 Cranberry, Erie, Pa.
Bay City Fdy. & Mach. Co., Bay City, Mich.
Bay City Hardware Co., Bay City, Mich.
Bay City Iron Co., mchsts. & fndrs., Bay City, Mich.
Bay City Iron Works, Berkeley, Cal.
Bay City Lumber Co., Aberdeen, Wash.
Bay City Packing Co., Apalachicola, Fla.
Bay City Plow Wks., beet lifters, Bay City, Mich.
Bay City Rice Milling Co., Bay City, Tex.
Bay City Stone Co., Bay City, Mich.
Bay City Wood Plaster Co., Bay City, Mich.
Bay De Noquet Co., lumber mfrs., 80 E. Jackson blvd., Chicago, Ill.
Bay Development Co., gravel, 153 Berry, San Francisco, Cal.
Bay, Gottfried, machsts., 537 W. 50th, New York.
Bay, John C., & Son, brick, Cumberland, Ohio.
Bay, John W., & Co., canned goods, Stockley, Del.
Bay Poplar Lumber Co., Cincinnati, Ohio.
Bay Ridge Specialty Co., bath room fixtures, 5613 First av, Brooklyn, N. Y.
Bay Shore Building Co., Hearst Bldg., San Francisco, Cal.
Bay Side Canning Co., Alviso, Cal.
Bay State Belting Co., 605 Atlantic av, Boston, Mass.
Bay State Brush & Mop Co., Woburn, Mass.
Bay State Chemical Co., aniline colors, 38 India, Boston, Mass.
Bay State Comb Co., Leominster, Mass.
Bay State Cotton Corp., tire fabrics, 60 Federal, Boston, Mass.
Bay State Crucible Co., Taunton, Mass.
Bay State Dredging & Contrg. Co., 247 Atlantic av, Boston, Mass.
Bay State Elev. Co., Springfield, Mass.
Bay State Emery Wheel Co., grinding, Worcester, Mass.
Bay State Fdy. Co., Westfield, Mass.
Bay State Htg. & Sprinkling Co., 49 Haverhill, Boston, Mass.
Bay State Insulated Wire & Cable Co., Hyde Park, Mass.
Bay State Iron Wks., machsts., Erie, Pa.
Bay State Metal Wheel Co., East Templeton, Mass.
Bay State Milling Co., feed, Winona, Minn.
Bay State Mop Co., Woburn, Mass.
Bay State Motor Wks., engines, Holyoke, Mass.
Bay State Optical Co., Attleboro, Mass.
Bay State Pump Co., tire pumps., 100 Purchase, Boston, Mass.
Bay State Stamping Co., grease & oil cups & sheet metal stampings, 380 Chandler, Worcester, Mass.
Bay State Tap & Die Co., screw cutting tools, mfrs., Mansfield, Mass.
Bay State Thread Wks., Springfield, Mass.
Bay State Who. H'dwe., 1321 Washington, Boston, Mass.
Bay View Fdry. Co., Sandusky, Ohio.
Bay View Steel Casting Co., 132 S. Bay, Milwaukee, Wis.
Bayard, Jno. B., architect, Vincennes, Ind.
Bayard, M. L., & Co., contractors, Penna. Bldg., Phila., Pa.
Bayard, M. L., & Co., machsts., Woodbine, N. J.
Bayer Co., colors, dyes, disinfectants, etc., 117 Hudson, New York.
Bayer, Frank Co., typewriter ribbons, 119 Lafayette, New York.
Bayer, Gardner-Himes Co., mchsts., hdwe. mfrs., 101 Park av, New York.
Bayer, J. C., cornices & sky lights, Portland, Ore.
Bayer Pattern Plate & Mfg. Co., Cleveland, Ohio.
Bayer Rothgeb Co., iron, brass & bronze fndrs., grilles, gates, fences, etc., Los Angeles, Cal.
Bayer Steam Soot Blower Co., 2828 La Salle, St. Louis, Mo.
Bayer Valve Co., 2828 La Salle, St. Louis, Mo.
Bayerson Oil Works, mfrs. & dealers—greases & petroleum products, 12th & P. & E. R. R., Erie, Pa.
Bayles, D. T., & Son, masons' & bldrs.' matls., Stony Brook, N. Y.
Bayles, J. M., & Son, ship bldrs., Port Jefferson, N. Y.
Bayles Shipyards, Inc., Port Jefferson, N. Y.
Bayles Vehicle Top & Trimming Co., Kansas City, Mo.
Bayless, M. F., canned goods, Aberdeen, Md.
Bayless Mfg. Co., broom handles, Memphis, Tenn.
Bayless Mfg. Corp., pulp paper, Austin, Pa.
Bayless Pulp & Paper Co., Binghamton, N. Y.
Bayley Heating Supply Co., 131 Sycamore, Milwaukee, Wis.
Bayley Mfg. Co., elec. disc fans & heating apparatus, 732 Green-bush, Milwaukee, Wis.
Bayley & Son, lighting fixtures, 105-109 Vanderveer, Brooklyn, N. Y.
Bayley Structural Iron Co., 705 S. Pierce, Milwaukee, Wis.
Bayley, Wm., Co. agricultural implements, Springfield, Ohio.
Baylies, A., architect, 33 Bible House, New York.
Baylis Co., machsts., Bloomfield, N. J.
Baylis, I. B., architect, Hempstead, N. Y.
Baylor, C. E. Co., masons & bldrs.' matls. & who. h'dwe, Mor-ristown, Tenn.
Bayne, C. M. & Co., masons' & bldrs.' matls., Norfolk, Va.
Bayne, Jasper Co., mill & facty. supplies, 29 Sullivan, New York.
Bayne, Wilson & Pratt, oil well supplies, Pittsburgh, Pa.
Baynes, Wm. J., Co., Inc., 143 Hampshire, Buffalo, N. Y.
Baynon, C. A., Co., who. h'dwe, 91 Reade, New York.
Bayonet-Trolley-Harp Co., Springfield, Ohio.
Bayonne Bolt & Nut Co., Bayonne, N. J.
Bayonne Casting Co., Bayonne, N. J.
Bayonne Cornice & Skylight Co., Bayonne, N. J.
Bayonne Scrap Iron & Metal Co., Bayonne, N. J.
Bayonne Steel Casting Co., Bayonne, N. J.
Bayonne Supply Co., mill facty. & plumbers' supplies (jobbers), Bayonne, N. J.
Bayou Blue Lumber Co., Hutchinson, La.
Bayou City Iron Wks., Houston, Tex.
Bayou Land & Lumber Co., 301 Neave Bldg., Cincinnati, Ohio.
Bayou Liberty Lumber Co., Bonfouca, La.
Bayshore Fdy. Co., Pensacola, Fla.
Bayside Iron Wks., mchsts. & fndrs., Everett, Wash.
Bayside Lumber Co., Eureka, Cal.
Bayside Sash & Door Co., 806 3d av., Brooklyn, N. Y.
Bayway Chemical Co., chemical mfrs., Elizabeth, N. J.
B. B. & B. Trunk Co., Ohio & Sandusky, Pittsburgh, Pa.
B. & B. Mfg. Co., automobile wrenches, tire holders & windshields, Cleveland, O.
B. & B. Mfg. Co., children's vehicles, Racine, Wis.
B. & B. Mfg. Co., fndry. moulding machs., Indianapolis, Ind.
B. B. Spec. Co., plumbers' spec., Phipps Power Bldg., Pittsburgh, Pa.
B. B. W. Mfg. Co., spectacle frames, 251 W. 19th, New York.
B. & C. Mfg. Co., flashlights, 290 Church, New York.
B. & E. Mfg. Co., inner tube bags, 444 B'way, New York.
B. E. S. Tool & Mfg. Co., drill presses, Rockford, Ill.
Beach, A. Y., masons' & bldrs.' matls., Seymour, Conn.
Beach, C. M. Co., masons' & bldrs.' matls., New Milford, Conn.
Beach City Silica Sand Co., Beach City, Ohio.
Beach & Co., aniline colors, Hartford, Conn.
Beach Enameling Co., Coshocton, Ohio.
Beach, Fred F., patterns & models, Bridgeport, Conn.
Beach & Fuller Co., crates, veneer mfrs., Evansville, Ind.
Beach, H. B., & Son, tubular boilers, Hartford, Conn.
Beach, H. D., Co., signs (celluloid), Coshocton, Ohio.
Beach, J. W., Co., scrap brass, Bridgeport, Conn.
Beach, Jas., & Sons, soap, Dubuque, Iowa.
Beach Leather Co., advtg. novelties, Coshocton, Ohio.
Beach Mfg. Co., contractors, Charlotte, Mich.
Beach Mfg. Co., machsts. & fdrs., Montrose, Pa.
Beach Mfg. Co., screw mach. & sheet metal products, experimental & special machy. engineering, Little bldg., Boston, Mass.
Beach Milling Co., flour, Holland, Mich.
Beach, Oliver B., mchsts. & fdrs., Stony Creek, Conn.
Beach, Rogers & Co., lumber mfrs., De Funiak Springs, Florida.
Beach-Russ Co., machinery, pumps, filter presses, etc., 220 B'way, New York. *See adv index at end of book.*
Beach, S. G., & Sons, sash, door & blind, Placerville, Cal.
Beach, S. Y., Paper Co., Seymour, Conn.
Beach Soap Co., Lawrence, Mass.
Beach, T. C., Auto Turntable Co., St. Johns, Mich., & 50 Church, New York.
Beach, Wm., Hardware Co., Columbus, Ga.

Beacham, J. S., & Bro., dry docks, Covington, ft. of Warren av, Baltimore, Md.
Beacon Elec. Wks., elec. lanterns, 132 King, New York.
Beacon Falls Rubber Shoe Co., Beacon Falls, Conn.
Beacon Light Co., Los Angeles, Cal.
Beacon Mfg. Co., cotton blankets, New Bedford, Mass.
Bead Chain Mfg. Co., Bridgeport, Conn.
Beader Box Co., Huntington, W. Va.
Beadle, J. Grant, architect, Galesburg, Ill.
Beadle, Jno. T., Co., harness mfrs., Traverse City, Mich.
Beagle Hame Wks., Freeland, Pa.
Beahm & Rice, contractors, 615 14th, NW, Washington, D. C.
Beal, A. B., contractor, 43 Tremont, Boston, Mass.
Beal, Earl E., architect, Elyria, Ohio.
Beal, J. A., lumber mfr., Luverne, Ala.
Beal, J. William, architect, 62 Summer, Boston, Mass.
Beal, Joseph & Co., machinery dlrs., 457 Atlantic av, Boston, Mass.
Beale Bros., cornices & skylights, Rushville, Ind.
Beale, J. M. & Co., brick, West Brooklyn, Ill.
Beale, M. E., canned goods, Skowhegan, Me.
Beall Bros., machsts., Alton, Ill.
Beall Construction Co., 612 14th, NW, Washington, D. C.
Beall, Fred E., architect, 306 St. Paul, Baltimore, Md.
Beall Improvement Co., machsts., Decatur, Ill.
Beall, J. M., architect, Monessen, Pa.
Beall Tool Co., blacksmiths' drills, portable forges, East Alton, Ill.
Beals, McCarthy & Rogers, who. h'dware & mill & facty. supplies, 46 Terrace, Buffalo, N. Y.
Beals & Selkirk Trunk Co., Wyandotte, Mich.
Beals, W. A., architect, Blaine, Me.
Beam, Jas. H., machinist, Martins Ferry.
Beaman & Smith Co., metal boring machs., Providence, R. I.
Beaman Trunk Co., Knoxville, Tenn.
Beamer, E. R., canned goods, Eagle Rock, Va.
Bean Bros., brick, Hartford, Ky.
Bean, James W., contractor, NW cor. 14th & M, NE, Washington, D. C.
Bean, L. C., Co., masons' & bldrs.' matls., Lisbon, Ohio.
Bean, Lewis U., Co., paint & varnish mfrs., 922 Cherry, Philadelphia, Pa.
Bean, M. B., architect, Lansdale, Pa.
Bean, O. R., architect, Eugene, Ore.
Bean, R. L., ship bldrs., Camden, Me.
Bean Spray Pump Co., San Jose, Cal.
Bean Tool & Sales Co., Berea, Ohio.
Beane, Frank E., mill & facty. supplies, Augusta, Ga.
Bear, Albert G., architect, 316 Baronne, New Orleans, La.
Bear Creek Canning Co., Stoutland, Mo.
Bear Eng. & Constr. Co., 34 S. 17th, Philadelphia, Pa.
Bear & Ruth Co., meat packers, Sandusky, Ohio.
Beard, B. C., machinist, Millen, Ga.
Beard, C. S., machinist, Arkansas City, Kansas.
Beard, Campbell & Co., who. h'dwe., Port Huron, Mich.
Beard Constr. Co., Colonial Trust Bldg., Reading, Pa.
Beard, H. B., Co., horse collars, York, Pa.
Beard, J. H., masons' & bldrs.' matls., Geneva, N. Y.
Beard, Wm. & Co., contractors, 59 Pearl, New York.
Bearden, C. E., architect, First Natl. Bk. Bldg., Chattanooga, Tenn.
Beardslee Chandelier Mfg. Co., elec. & gas light fixtures, 216 S. Jefferson, Chicago, Ill.
Beardslee-Graham Showcase Co., Seattle, Wash.
Beardsley, C., architect, Catskill, N. Y.
Beardsley, C T., architect, 601 Colorado av, Bridgeport, Conn.
Beardsley Carriage Co., St. Joseph, Mo.
Beardsley Electric Co., Los Angeles, Cal.
Beardsley, L. S., architect, 38 W. 32d, New York.
Beardsley, Wm. J., architect, 49 Market, Poughkeepsie, N. Y.
Beardsley's, J. W., Sons, canned goods, 690 Frelinghuysen av, Newark, N. J.
Bearings Co. of America, ball bearing mfrs., Lancaster, Pa.
Bears, B., trunk mfrs., 1048 3d av, New York.
Bearse, Chester, architect, Centerville, Mass.
Bearse, O., & Son Co., lumber, 79 Milk, Boston, Mass.
Beasley & McCafferty Lumber Co., Carrolton, Ala.
Beasley & Miller, cornices & skylights, Pittsburg, Kan.
Beasley & Sons Co., sash, door & blind, Nashville, Tenn.
Beasman, F. B., & Co., contractors, 7 Clay, Baltimore, Md.
Beaton, A. J., Mfg. Co., floor & ceiling plates, New Britain, Conn.
Beaton & Cadwell Mfg. Co., steam specialists, New Britain, Conn.
Beaton & Corbin Mfg. Co., pipe hangers, plates, sleeves, Southington, Conn.
Beaton, D. T., cornices & skylights, Manchester, Mass.
Beatrice Brick Works, Beatrice, Nebr.
Beatrice Irin Wks., Beatrice, Nebr.
Beatrice Milling Co., flour, Whitewright, Tex.
Beatrice Steel Tank Mfg. Co., Beatrice, Nebr.
Beats All Mfg. Co., carpet beaters, Fairmont, Minn.
Beattie, Arthur A., architect, Gloversville, N. Y.
Beattie & Cornell, contractors, Fall River, Mass.
Beattie, John (Est. of), stone prod., Guilford, Conn.
Beattie Mfg. Co., machsts., Cohoes, N. Y.
Beattie & Wilcox, contractors, Fall River, Mass.
Beattie, Wm. H., granite & crushed stone, Fall River, Mass.
Beattie, Wm. J., architect, Columbia Bldg., St. Louis, Mo.
Beattie Zinc Works Co., battery coppers, Reading, Mass.
Beatty Bros., contrs., 2001 Metropolitan, Pittsburgh, Pa.
Beatty Const. Co., crushed stone, 66 Warren, Boston, Mass.
Beatty, E. T., mach. & fdry., Birmingham, Ala.
Beatty Felting Co., boots & shoes, Mishawaka, Ind.
Beatty, Fred W., blue & black prints & papers, 39 Ann, New York.
Beatty, J. B., architect, 15 N. Reid, Elizabeth, N. J.
Beatty, Janson W., & Co., mill & facty. supplies, Saco, Me.
Beatty, John L., architect, 146 Federal, Pittsburg, Pa.
Beatty & Jordan, machsts., Bolivar, N. Y.
Beatty, W. D., Co., contractors, 900 Burt, Pittsburg, Pa.
Beaty, C. N., architect, Hot Springs, Ark.
Beauchamp, I. D., flour mills, Taylorsville, Ky.
Beauchamp, R. L., & Co., granite producers, Rion, S. C.
Beauchemin, Oscar, architect, City Natl. Bk. Bldg., Holyoke, Mass.
Beaudett, O. J., Co., carriages, Pontiac, Mich.
Beaudry & Co., power hammer mfrs., 141 Milk, Boston, Mass.
Beaudry, T. J., & Son, fndrs, Marlboro, Mass.
Beaufort County Iron Wks., Inc., Washington, N. C.
Beaufort Veneer & Package Co., cases, crates, Beaufort, S. C.
Beaumel, D. W., & Co., fountain pen mfrs., 17 Vandewater, New York.
Beaumier, Joe H., mach. & Fdr., Brenham, Tex.
Beaumont & Aughtie, glass stainers, 36 Columbus av, Boston, Mass.
Beaumont, G. B., Co., contractors, 286 5th av, New York.
Beaumont, George, architect, 25 N. Dearborn, Chicago, Ill.
Beaumont Iron Works Co., Beaumont, Tex.
Beaumont Lbr. Co., Beaumont, Tex.
Beaumont Mfg. Co., cord & twine, sheetings, Spartanburg, S. C.
BEAUMONT, R. H., CO., conveyors & hoists, Drexel Bldg., Philadelphia, Pa.
See adv index at end of book.
Beaumont Rice Mills, Beaumont, Tex.
Beaumont Valve & Hydrant Wks., Kankakee, Ill.
Beaumont, W., contractor, Stephen Girard Bldg., Phila., Pa.
Beaumont, Wilbert, contractor, Atlantic City, N. J.
Beaupre Bros., machs. & fdrs., Franklin, N. H.
Beauvais Water Heater Co., Springfield, Mass.
Beaven-Jackson Lumber & Veneer Co., Evergreen, Ala.
Beaver Brook Paper Mills, Danbury, Conn.
Beaver Canning Co., Randolph, Wis.
Beaver Clay Mfg. Co., brick, New Galilee, Pa.
Beaver Co., plaster boards, etc., 956 Beaver rd, Buffalo, N. Y.
Beaver Contr. & Eng. Corp., 113 State, Boston, Mass.
Beaver Dam Lumber Co., Cumberland, Wis.
Beaver Dam Mfg. Co., agricultural implements, Beaver Dam, Wis.
Beaver Dam Marble Co., Gunther Bldg., Baltimore, Md.
Beaver Dam Milling Co., flour, Beaver Dam, Ky.
Beaver Dam Roller Mill, Crouse, N. C.
Beaver Engine Co., gas, 183 Meldrum av, Detroit, Mich.
Beaver Eng'rg & Contracting Co., 51 Chambers, New York.
Beaver Falls Art Tile Co., Beaver Falls, Pa.
Beaver Falls Planing Mill Co., sash, door & blind mfrs., Beaver Falls, Pa.
Beaver Mach. & Tool Co., jigs, dies, etc., 13-15 Franklin, Newark, N. J.
Beaver Mfg. Co., machsts., 1st & Oklahoma av, Milwaukee, Wis.
Beaver Mills, pails, buckets & kits, Keene, N. H.
Beaver Motor Truck Co., Portland, Oregon.
Beaver Portland Cement Co., Portland, Ore.
Beaver Silo & Box Mfg. Co., packing box, Beaver Dam, Wis.
Beaver Soap Co., Dayton, Ohio.
Beaver State Motor Co., Gresham, Ore.
Beaver Steel Co., imp. & exp. steel & iron, 305 5th av, Pittsburg, Pa.
Beaver Tile & Brick Co., Beaver, Ohio.
Beaver Tool & Eng. Co., Elkin, Ill.
Beaver Valley Boiler Wks., Beaver Falls, Pa.
Beaver Valley Glass Co., Rochester, Pa.
Beaver Valley Lime Co., Elwood City, Pa.
Beaver Valley Pot Co., glass house clay supplies, Rochester, Pa.
Beaver Valley Sandstone Co., New Castle & Wampum, Pa.
Beaver Varnish Co., Buffalo, N. Y.
Beaverville Brick & Tile Co., Beaverville, Ill.
Beavis, Alfred J., architect, 245 Stanton av, Detroit, Mich.
Bebb & Gould, architects, Security Bldg., Seattle, Wash.
Bebee, Wm. G., marble, Manchester Center, Vt.
Bechard Mfg. Co., silver novelties, 706 Townsend, Chicago, Ill.
Bechtel, A. A., contractor, Easton, Pa.
Bechtel, Jos., contractor, 200 N. 15th, Philadelphia, Pa.
Bechtel, W. A., contractor, 625 Market, San Francisco, Cal.
Bechtle, Otto, elec. & gas light fixtures, Alameda, Cal.
Bechtold, E. E., canopy insulators, 1928 Wabash av, Chicago, Ill.
Bechtolt, Geo. E., agricultural implements, Urbana, Ohio.
Beck, Alexander, contractor, Kelline Bldg., Omaha, Nebr.
Beck, August C., Co., lock corner boxes, 1-30 East, Milwaukee, Wis.
Beck & Beck, granite, Barre, Vt.
Beck & Benedict, whol. hdwe., Waynesboro, Pa.
Beck Bros., mattresses, 260 Bruce, Newark, N. J.
Beck, C. F., & Son Co., sash, door & blind, Monroe, Mich.

Beck Cereal Co., cereal foods, 569 Fort, W., Detroit, Mich.
Beck, Chas., Co., paper box machinery, 607 Chestnut, Philadelphia, Pa.
See adv index at end of book.
Beck, Chas. O., architect, Hazleton, Pa.
Beck & Conley, architects, Karbach Blk., Omaha, Neb.
Beck & Corbitt Iron Co., whol. hdwe., 1230 N. Main, St. Louis, Mo.
Beck Duplicator Co., 491 B'way, New York.
Beck, Edw. T., & Co., contractors, Warren, Pa.
Beck Electrical Repair Co., freight elev., 149 W. State, Columbus, Ohio.
Beck, Fr., & Co., wall coverings, 281 5th av, New York.
Beck & Gregg Hardware Co., Atlanta, Ga.
Beck, Guido, architect, 8th & Main, Dubuque, Ia.
Beck, H. A., contractor, Burlington, Ia.
Beck, H. Frederick, architect, 8 S. Dearborn, Chicago, Ill.
Beck, Herman, contractor, 325 Winslow av, Buffalo, N. Y.
Beck, J. Philip, & Son, carriages, Saginaw, Mich.
Beck, Jno. W., brick, Vicksburg, Miss.
Beck, Oscar & Co., thermometers, 280 Manger, Bklyn, N. Y.
Beck & Son, automobile bldrs., Cedar Rapids, Ia.
Beck, Vere W., contractor, 58 S. Water, Providence, R. I.
Beck-Walker Co., fertilizer mfrs., Chestertown, Md.
Beck, Wm., cornices & skylights, Englewood, N. J.
Beck, Wm. & Chas., fire hose, Lawrence, Mass.
Becker, August, Engraving Co., name plates, 247 Atlantic av, Boston, Mass.
Becker, Bernhard, architect, Gardner Bldg., Toledo, Ohio.
Becker & Brisbois, cut glassware, 123 Middleton, Brooklyn, N. Y.
Becker Bros., meat packers, 2692 3d av, New York.
Becker Bros., pianos, 767 10th av, New York.
Becker Bros. & Son, packing box mfrs., Lexington & Fkd., Baltimore, Md.
Becker, C. D., cornices, Lestershire, N. Y.
Becker, C. L. & D. J., Co., lbr., 290 B'way, New York.
Becker, C., Milling Co., flour, Red Bud, Ill.
Becker, Chas. W., cotton waste, Amsterdam, N. Y.
Becker Chemical Co., car cleaning compounds, 19 Main, Cincinnati, Ohio.
Becker, Christian, assay balances, 92 Reade, New York.
Becker, Christian, carriages, Tamaqua, Pa.
Becker & Co., Ltd., machy. export, 90 West, New York.
Becker Constr. Co., 361 Grove, Newark, N. J.
Becker & Cramer, cornices & skylights, Springfield, Mo.
Becker, Emil, flour, Anderson, Texas.
Becker, F., cornices & skylights, Berwyn, Ill.
Becker, Geo., arch'l iron, 545 W. 22d, New York.
Becker, Geo. F., contractor, 160 W. 4th, St. Paul, Minn.
Becker, Gerhard J., architect, 2904 Bailey av, St. Louis, Mo.
Becker Glass & Paint Co., 372 Pearl, Buffalo, N. Y.
Becker, Henry & Sons, contractors, South Orange, N. J.
Becker, Irvin H., contractor, Schuykill Haven, Pa.
Becker, J. C., masons' & bldrs. matls., Adrian, Minn.
Becker, Jno. L., cornices, Hamilton, Ohio.
Becker, K. J., contractor, Winona, Minn.
Becker, L. C., & Son, contractors, 415 13th, Newark, N. J.
Becker Mfg. Co., fndrs., Two Rivers, Wis.
Becker Milling Machine Co., vertical & horizontal type milling machines & milling cutters, mfrs., Hyde Park, Mass.
Becker-Moore Paint Co., 1219 Olive, St. Louis, Mo.
Becker, P. A., Co., show cases, 132 Cumberland, Brooklyn, N. Y.
Becker, P. & Co., trunk mfrs., 333 W. Monroe, Chicago, Ill.
Becker, R. A., Varnish Co., Harrison av & Garrard, Cincinnati, O.
Becker-Seidel Co., htg. contrs., 324 Prospect av, Cleveland, Ohio.
Becker, Smith & Page, wall paper mfrs., Snyder av. & Water, Phila., Pa.
Becker Steel Co. of Am., 154 Nassau, New York.
Becker & Thomas Co., umbrella mfrs., Cleveland, Ohio.
Becker, W. C., Mfg. Co., seats & tanks, Marietta, O.
Becker, Wm., A., Co., masons' & bldrs.' matls., Monroe, Wis.
Beckert Needle & Supply Co., 4929 Green, Philadelphia, Pa.
Beckert Seed Store, fertilizer mfrs., 103 Federal, Pittsburgh, Pa.
Beckert, Wm., & Son, dumping wagons., 1003 E. Ohio, North Side, Pittsburgh, Pa.
Beckett, Harold C., architect, 406 Elks Temple, Detroit, Mich.
Beckett Paper Co., Hamilton, Ohio.
Becking, Geo., & Son, contractor, Chattanooga, Tenn.
Beckley-Cardy Co., school furniture, 312 W. Randolph, Chicago, Ill.
Beckley Coal & Coke Co., Macdonald, W. Va.
Beckley & Myers Ice & Fuel Co., masons' & bldrs.' matls., Springfield, Ohio.
Beckley Perforating Co., steel plate work, tanks, stacks, steel, Garwood, N. J.
Beckley-Ralston Co., carriage hdwe. mfrs., 1801 S. Michigan av, Chicago, Ill.
Beckman Bros., mill & facty. supplies, Des Moines, Ia.
Beckman, Dawson C., ready roofing, etc., 19 S. LaSalle, Chicago, Ill.
Beckman & Linden Engng. Corp., carbon electrodes & silico manganese, Balboa Bldg., San Francisco, Cal.
Beckman, N. O., Co., blankets—horse & cattle, Fulton rd, N. W., Cleveland, Ohio.
Beckman, Otto F., Co., glass stainers, New Haven, Conn.
Beckman & Sauer, lbr., Ferdinand, Ind.
Beckman Supply Co., masons' & bldrs.' matls., Hammond, Ind.
Beckman, Thomas J., Co., advrtg. novelties, 310-316 N. 11th, Philadelphia Pa.
Beckman, Wm., cornices, 15th & Bremen, Cincinnati, Ohio.
Beckmann, L., Co., engng. & surveying instrumts, 1003 Jackson, Toledo, Ohio.
Beckwith Bros., contractors, Schenectady, N. Y.
Beckwith-Chandler Co., varnish mfrs., 203 Emmett, Newark, N. J.
Beckwith Elevator Co., 123 Pearl, Boston, Mass.
Beckwith, F. H., architect, P. O. Arcade, Bridgeport, Conn.
Beckwith, H. R., architect & contractor, Claremont, N. H.
Beckwith, Hira R., contractor, Claremont, N. H.
Beckwith, Joel, masons' & bldrs.' matls., Parkersburg, W. Va.
Beckwith Organ Co., Louisville, Ky.
Beckwith, P. D. (Est. of), mchsts. & fdrs., Dowagiac, Mich.
Becroft, Wm. E., architect, Wallingford, Conn.
Becton, Dickinson & Co., medicinal atomizers, Rutherford, N. J.
Bedard & Morency Mill Co., sash, door & blind, Oak Park, Ill.
Bedell, Andrew S., machsts. & fndrs., Elkland, Pa.
Bedell, Geo. V., architect, Law Bldg., Indianapolis, Ind.
Bedell Mfg. Co., mattresses, Washington, D. C.
Bedell Struct. Steel Wks., New Orleans, La.
Beder, Harold W., architect, 335 5th av, New York.
Bedford Aluminum & Spec. Co., 4 Reade, New York.
Bedford Cut Stone Co., contr., Bedford, Ind.
Bedford Fdry. & Mach. Co., Bedford, Ind.
Bedford Htg. Co., 1233 Atlantic av, Brooklyn, N. Y.
Bedford Mills Co., woolen blankets & flannels, Bedford, Va.
Bedford, Nugent, Co., contractors, Evansville, Ind.
Bedford Pulp & Paper Co., Richmond, Va.
Bedford Safety Razor Co., Bedford, Mass.
Bedford Steam Stone Works, stone producers, Bedford, Ind.
Bedford Stone & Constr. Co., Indianapolis, Ind.
Bedient, Ralph G., architect, So. Norwalk, Conn.
Bedortha Bros., levels, Windsor, Conn.
Beebe Brick Mfg. Co., Beebe, Ark.
Beebe Cordage Co., Rockaway, N. J.
Beebe Glove Co., Richmond, Ind.
Beebe, H. P., architect, Fredonia, N. Y.
Beebe, H. R., contractor, Utica, N. Y.
Beebe, Hy. A., stone producers, 1116 Wabash, Detroit, Mich.
Beebe Stave Co., cooperage stock, Little Rock, Ark.
Beebe, W. S., Co., hdwe. mfrs., New Haven, Conn.
Beech Creek Truck & Auto Co., Beech Creek, Pa.
Beecher & Barr, lumber, Pottsville, Pa.
Beecher Draught Spring Co., New Haven, Conn.
Beecher Falls Co., music cabinets, Beecher Falls, Vt.
Beecher, Fowler, Mfg. Co., stencils, 244 3d, Louisville, Ky.
Beecher, Scott M., contractor, 1054 Lovejoy, Buffalo, N. Y.
Beecher, Walter A., machsts., Mason City, Iowa.
Beechnut Packing Co., Canajoharie, N. Y.
Beede, N. W., & Son, lbr. mfrs., Jefferson, Ohio.
Beedenville Lbr. Co., Bruce, Wis.
Beedle, C. F., cornices, Greenville, Ohio.
Beegan, John B., cornices, 952 State, New Haven, Conn.
Beegee Co., ink erasers, 1133 B'way, New York.
Beegle Packing Co., canned goods, Ketchikan, Alaska.
Beehler Mfg. Co., hdwe. mfrs., St. Louis, Mo.
Beeker Mfg. Co., plumbers' wood work, Marietta, Ohio.
Beekman Bros., plumbers' supplies—jobbers, Des Moines, Ia.
Beekman Sanitary Spec. Co., 101 Beekman, New York.
Beekman Sash, Door & Woodworking Co., 259 B'way, New York.
Beekman, Wm. F., architect, 345 5th av, New York.
Beeland, W. J., contractor, Macon, Ga.
Beeler & Campbell Sup. Co., oil & gas well supplies, Independence, Kan.
Beelman, Claude W., architect, 2d Natl. Bk. Bldg., Toledo, Ohio.
Beeman & Cashin Mercantile Co., whol. hdwe., Evanston, Wyo.
Beeman Garden Tractor Co., traction engines, 311 6th av, Minneapolis, Minn.
Beere, George W., aluminum, brass & bronze castings, railings, screens, etc., 294 Taaffe pl, Brooklyn, N. Y.
Beerline, J. W., & Sons, brick & tile, Cridersville, Ohio.
Beers Bros., machsts, Rochester, N. Y.
Beers Constr. Co., Fort Wayne, Ind.
Beers, Herbert P., architect, 38 S. Dearborn, Chicago, Ill.
Beers, Isaac, contractor, 123 E. 23d, New York.
Beers, J. L., & Sons, fndrs., Swales, Pa.
Beers, R. E., Lumber Co., Trenton, N. J.
Beers Sales Co., elec. portables, Bridgeport, Conn.
Beers, W. Harmon, architect, 17 Madison av, New York.
Beers & Warfield, contrs., & masons' & bldrs.' matls., Cortland, N. Y.
Beerston Acetate Co., Olean, N. Y.
Beery, Jesse, Co., bits (bridle), Pleasant Hill, Ohio.
Bee's, John D., Sons, cornices, Lynn, Mass.
Beese, Chas., & Son, contractors, Lick Run rd, Cincinnati, Ohio.
Beeson, D. R., architect, Johnson City, Tenn.
Beeson, Fred C., veneer mfrs., 1032 Fulton, Chicago, Ill.
Beeson Hardware Co., High Pt., N. C.
Beeten Lumber & Mfg. Co., Carlisle, Pa.
Beezer Bros., architects, Northern Bk. & Trust Bldg., Seattle, Wash.
Beffel, Frank, Mfg. Co., machsts., Racine, Wis.
Begardus, C. E., testing lab., Seattle, Wash.

Beggs & Cobb Tanning Co., patent leather, Boston, Mass.
Beggs, James, & Co., mill & facty. supplies, boilers, engines, etc., 30 Warren, New York. *See adv. index at end of book.*
Beggs Pipe & Fdry. Co., Birmingham, Ala.
Beggs Wagon Co., Kansas City, Mo.
Begnaud, J. W., masons' & bldrs.' matls., Breaux Bridge, La.
Behel, Vernon W., architect, 25 N. Dearborn, Chicago, Ill.
Behle, C. J., & Sons Co., contractors, Covington, Ky.
Behlen, Chas., Sons Co., carriages, 15th & Vine, Cincinnati, Ohio.
Behlen, H., & Bro., wood stains, shellac, oil—soluble colors, 371 Pearl, New York.
Behles, E. P., architect, Hicks Bldg., San Antonio, Tex.
Behm, Gustav, classic wood carver, 715 North av, Chicago, Ill.
Behm, J., & Co., contractors, 141 Oak, San Francisco, Cal.
Behning Piano Co., 306 E. 133d, New York.
Behr, Frederick H., architect, Morristown, N. J.
Behr, Herman, & Co., flint paper, 61 B'way, New York.
Behrend, F. chemical app; polishing cloths, pumice stone, etc., 54 Front, New York.
Behrend, Jacob, blacking cases, 122 W. Allen, Philadelphia, Pa.
Behrend & Rothchild, match safes, 353 B'way, New York.
Behrend & Rothschild, rubber balloons, 54 Van Dam, Greenpoint, L. I., N. Y.
Behrendt, Herman F., machsts., 22 Green, Newark, N. J.
Behrens & Bushnell, machsts., Ivoryton, Conn.
Behrens, H., Mfg. Co., wash boilers, Winona, Minn.
Behrens, O. J., & Son, contractors, Wilkes-Barre, Pa.
Behrensmeyer, Geo. P., architect, 403½ Main, Quincy, Ill.
Behrer, Arnold & Sons, plumbers' supplies, jobbers, 273 Pearl, New York.
Behrer & Benson, sash, door & blind mfrs., 1545 E 63d, Chicago, Ill.
Behrer & Co., mill, facty. & plumbers' supplies (jobbers), 81 Beekman, New York.
Behringer, Edw. A., mill & facty. supplies, 88 W. Broadway, New York.
Beidler, F., mill & facty. supplies, Upper Sandusky, Ohio.
Beidler, Francis, ties, poles & posts, 20 W. Jackson, Chicago, Ill.
Beidler, Henry S., masons' & bldrs.' matls., Doylestown, Pa.
Beier Water Heater Co., 311 Water, Pittsburgh, Pa.
Beierl, Max G., architect, German Am. Bk. Bldg., Buffalo, N. Y.
Beigel, Hy., rattans, reed & chair canes, 154 Nassau, New York.
Beighlee Electric Co., 6523 Euclid av, Cleveland, Ohio.
Beiler, Henry P., architect, 3166 Lincoln av, Chicago, Ill.
Beilman, W. E., heaters, Buffalo, N. Y.
Beimer, Anthony, architect, San Bernardino, Cal.
Bein, E. & Co., plate glass, 1632 Milwaukee av, Chicago, Ill.
Beinhauer, Alfred, contractor, 25 Beaver, New York.
Beisley, David, brooms, Wamego, Kans.
Beitel L'br Co., San Antonio, Tex.
Beith & Reilly Co., mill & facty. & plumbers' supplies (jobbers), 2475 3rd av, New York.
Beiting, Edward, architect, 411 W. 10th, Newport, Ky.
Beitner, Geo. L., oven illuminators, Bridgeport, Conn.
Beitzel, Jacob, & Sons, sashes, doors and blinds, York, Pa.
Bel Air Packing Co., Bel Air, Md.
Bel, J. A., Lumber Co., Ltd., Lake Charles, La.
Belber Trunk & Bag Co., 1641 N. Hancock, Philadelphia, Pa.
Belcher & Loomis Hardware Co., 89 Weybosset, Providence, R. I.
Belcher Malleable Iron Co., Easton, Mass.
Belcher & Taylor Agricultural Tool Co., fertilizer distributors, Chicopee Falls, Mass.
Belden, A. G., & Co., lubrg. oils & greases, 29 Burling Slip, New York.
Belden Brick Co., Canton, O.
Belden, E. S., & Sons, contractors, 217 Laurel, Hartford, Conn.
Belden Machine Co., drop forgings, etc., New Haven, Conn.
Belden Mfg. Co., testing clamps, etc., 2316 S. Western av, Chicago, Ill.
Belding Bros. & Co., silk thread, 902 Broadway, New York.
Belding-Hall Co., mchsts. & fdrs., Belding, Mich.
Belfast Slate Co., roofing slate mfrs., Nazareth, Pa.
Belfi Bros. & Co., terrazzo & mosaic flooring, 1923 Market, Philadelphia, Pa.
Belfield, H., Co., mill & facty. supplies & steam specialties, 435 N. Broad, Philadelphia, Pa.
Belfont Iron Works Co., Ironton, Ohio.
Belgium Cannery, Belgium, Wis.
Belgrade Glass Co., tumblers, Buckhannon, W. Va.
Belgrade Lumber Co., Memphis, Tenn.
Belisle, Jos., brick, Fishkill Landing, N. Y.
Belknap Addressing Mach. Co., 46 W. 23d, New York.
Belknap, C. C., Glass Co., Seattle, Wash.
Belknap Hardware & Mfg. Co., 2nd & Washington, Louisville, Ky.
Belknap, John A., shovel mfrs., Anamosa, Ia.
Belknap Mfg. Co., mchsts. & fndrs., Bridgeport, Conn.
Belknap-Moran-Allen Co., glaziers' putty, 5 Ainslie, Brooklyn, N. Y.
Belknap & Phillips, common brick, St. Clair, Mich.
Belknap Wagon Co., Grand Rapids, Mich.
Bell, A. W., contractor, Spring Grove av, Cincinnati, Ohio.
Bell, Algernon S., architect, 320 5th av, New York.
Bell, Andrew (Estate of), rubber washers, balls, etc., 45 Commercial, Newark, N. J.
Bell Arc Light Co., 20 W. Houston, New York.
Bell Art Glass Wks., 2416 North av, Milwaukee, Wis.
Bell Bag Co., 63 Front, New York.
Beli & Bentley, Inc., architects, Security Bk. Bldg., Minneapolis, Minn.
Bell-Bockell Co., stone producers, Altoona, Pa.
Bell Boiler & Iron Co., Lancaster, Pa.
Bell Book & Stationery Co., 914 E. Main, Richmond, Va.
Bell Bros., mchsts. & fndrs., 27th & A. V. R. R., Pittsburgh, Pa.
Bell Bros. Piano Co., Muncie, Ind.
Bell, Bruce W., architect, Easton, Pa.
Bell, C., tile, Craigville, Ind.
Bell, C. S., Co., agricultural implements, Hillsboro, Ohio.
Bell, Clyde Chas., architect, Cranford, N. J.
Bell & Clairbone, contractors, 1240 Dauphine, New Orleans, La.
Bell Co., advtg. spec., 105 Public Sq, Nashville, Tenn.
Bell Copper Co., Monadnock bldg, San Francisco, Cal.
Bell, D. J., mchsts., 1811 Larchmont av, Chicago, Ill.
Bell, E. A., sash, door & blind mfrs., Valparaiso, Ind.
Bell, Edw. L., contractor, Norfolk, Va.
Bell, Edwin, Co., cooperage stock, So. 17th, Pittsburgh, Pa.
Bell Electric Motor Co., Garwood, N. J.
Bell, Geo. A., Fertilizer Wks., Wheelersburg, Ohio.
Bell & Gossett, case hardening & tempering compounds, 609 W. 30th, Chicago, Ill.
Bell, H. E., mill & facty. supplies, 212 Church, Philadelphia, Pa.
Bell & Howell Co., battery charging rheostats, 1803 Larchmont av, Chicago, Ill.
Bell, J. W., flour mill, Spartanburg, S. C.
Bell, J. W. Co., eave-trough hangers, Mercer, Pa.
Bell, John C., architect, 5743 Catherine, West Phila., Pa.
Bell, Jno., Co., masons' & builders' materials, E. 138th & Gerard av, N. Y. City.
Bell Knitting Co., sweaters, gloves, 352 4th av, New York.
Bell Locomotive Wks., Yonkers, N. Y.
Bell, Louis F., contractor, Wakefield, R. I.
Bell Lumber Co., Security Bank Bldg., Minneapolis, Minn.
Bell, M. F., architect, Fulton, Mo.
Bell Mach. Wks., Anacortes, Wash.
Bell Mfg. Co., advtg. spec., 207-209 E. 26th, Chicago, Ill.
Bell Mfg. Co., glass blowing machines, Fairmount, Ind.
Bell Mfg. Co., hand vacuum cleaners, Cleveland, Ohio.
Bell Mfg. Co., metal polishes, Main & Gratiot, St. Louis, Mo.
Bell Motor Car Co., York, Pa.
Bell, O. C., turpentine, Holley, Fla.
Bell, O. E., mchst. & fdr., Moscow, Idaho.
Bell Oil Co., 115 Ferry, St. Louis, Mo.
Bell Pump & Mfg. Co., 78 Fort E., Detroit, Mich.
Bell, Sam'l R., Jr., contractor, Chester, Pa.
Bell-Scott Co., contractors, Seattle, Wash.
Bell, W. E., architect, Shoaff bldg., Ft. Wayne, Ind.
Bell, W. H., contractor, Closter, N. J.
Bell, W. R., Jr., architect, Murfreesboro, Tenn.
Bell & Wildman, 619 Upshur, machy. dealers, Portland, Ore.
Bell, Wm. L., architect, 33 Rock, Atlanta, Ga.
Bellaire Bottle Co., Bellaire, Ohio.
Bellaire Stove Co., Bellaire, Ohio.
Bellbuckle Milling Co., flour, Bellbuckle, Tenn.
Belle City Incubator Co., Racine, Wis.
Belle City Malleable Iron Co., Racine, Wis.
Belle City Mfg. Co., agricultural implements, machsts. & fdrs., Racine, Wis.
Bellefontaine Bridge & Steel Co., Bellefontaine, Ohio.
Bellefontaine Hame Co., Bellefontaine, Ohio.
Bellefonte Brick Co., Bellefonte, Pa.
Bellefonte Eng'ng Co., mchsts. & fdrs., Bellefonte, Pa.
Bellefonte Lime Co., Bellefonte, Pa.
Belle Plaine Canning Co., Belle Plaine, Ia.
Belleville Brick & Tile Co., Belleville, Ill.
Belleville Fdry. Co., Belleville, Ill.
Belleville Implement & Motor Co., mchsts. & fdrs., Belleville, Ill.
Belleville Shock Mover Co., agricultural implements, Belleville, Ill.
Belleville Stove & Range Co., Belleville, Ill.
Bellevue Furnace Co., 703 Bellevue, Detroit, Mich.
Bellevue Industrial Furnace Co., 703 Bellevue av, Detroit, Mich.
Bellevue Mfg. Co., advtg. spec., Lee, Mass.
Bellevue Piano Co., Bellevue, Ia.
Bellinger, A. A., lumber mfrs., Tonawanda, N. Y.
Bellingham Bedding Co., mattresses, Bellingham, Wash.
Bellingham Canning Co., Bellingham, Wash.
Bellis, A. J., architect, 1403 23d, Galveston, Tex.
Bellis, Wm. L., horse collars, Cleveland, Ohio.
Bellmark Co., potteries, Trenton, N. J.
Bellony, Alexander N., architect, 537 Woodlawn av, Buffalo, N. Y.
Bellows & Aldrich, architects, 8 Beacon, Boston, Mass.
Bellows Bros., mchsts. & fdrs., Salem, Ind.
Bellows, C. W., architect, Ruggery Bldg., Columbus, Ohio.
Bellows, Chas. H., Cut Stone Co., 233 B'way, New York.
Bellows, Elvin H., lumber, Frankfort, Mich.
Bellows Falls Mach. Co., chilled calender rolls, Bellows Falls, Vt.
Bellows Falls Pulp Plaster Co., Bellows Falls, Vt.
Bell's, Sam'l, Sons, contractors, Lebanon, Pa.
Bellwood Mfg. Co., mchsts. & fdrs., Bellwood, Pa.
Belmar Mfg. Co., garment hangers, Canton, Pa.
Belmer, H., Co., wire goods, 628 W. 3d, Cincinnati, Ohio.
Belmont Casket Mfg. Co., Columbus, Ohio.
Belmont Fdry., Toledo, Ohio.

Belmont Gurnee Stone Co., New Durham, N. J.
Belmont, Hy., heating contr., 103 Park av, New York.
Belmont Iron Wks., mchsts. & fndrs, fences, gates, steel structural work, etc., 22d & Washington av, Philadelphia, Pa.
Belmont Packing & Rubber Co., 133 N. 2nd, Philadelphia, Pa.
Belmont Stamping & Enameling Co., New Philadelphia, Ohio.
Belnap, H., Lbr. Co., sash door & blind mfrs., Ogden, Utah.
Beloit Box Board Co., Beloit, Wis.
Beloit Brass Works, Beloit, Wis.
Beloit Fdry. Co., Beloit, Wis.
Beloit Iron Works, paper mchy., Beloit, Wis.
Beloit Lumber Co., Beloit, Wis.
Belson, Henry C., contractors, Albion, N. Y.
Belt Grip Pulley Co., 182 Breckenridge, Buffalo, N. Y.
Belt Line Brick Co., 512 Andrus Bldg., Minneapolis, Minn.
Belt Line Crusher Co., stone, Kansas City, Mo.
Belt, P. P., machinist, Fredonia, Kans.
Beltine Chemical & Mfg. Co., belt dressings, soap, etc., 401 N. Sangamon, Chicago, Ill.
Belting & Machy. Co., Rochester, N. Y.
Belton Mills, sheetings, cotton, Belton, S. C.
Beltrail Tractor Co., St. Paul, Minn.
Beltz, J. W., Sons Co., sash, door & blind mfrs., Wheeling, W. Va.
Belvidere Milling Co., flour, Belvidere, Tenn.
Belvidere Screw & Mach. Co., Belvidere, Ill.
Belz, J. H., Provision Co., 3601 S. B'way, St. Louis, Mo.
Beman Automatic Oil Can Co., Meadville, Pa.
Beman, J. Garfield, architect, Park av & 41st, New York.
Beman, Spencer S., architect, 332 S. Michigan av, Chicago, Ill.
B. E. Mfg. Co., mechanics' aprons, auto. tire holders, etc., 18 W. 18th, New York.
Bement Miles Wks., fndrs., 21st & Callowhill, Philadelphia, Pa.
Bement Stove Repair Co., grey iron castings, Lansing, Mich.
Bement's, E., Sons, cultivators, Lansing, Mich.
Bemis, A. L., manual training benches & pattern makers, Worcester, Mass.
Bemis, Addison L., architect, Worcester, Mass.
Bemis Bros. Bag Co., aprons, blankets, school bags, etc., 601 S. Fourth, St. Louis, Mo.
Bemis & Call Hardware & Tool Co., Springfield, Mass.
Bemis Car Truck Co., Springfield, Mass.
Bemis Indianapolis Bag Co., Barth av & Belt, Indianapolis, Ind.
Bemis, J. M., & Son, lumber, Bradford, Pa.
Ben Hill Co., fertilizer, Fitzgerald, Ga.
Ben-Hur Metal Polish Co., Crawfordsville, Ind.
Ben Hur Vacuum Cleaner Co., Indianapolis, Ind.
Ben-Mohr Mfg. Co., bakers' molds, 51 Cliff, New York.
Benard, Thos. H., & Son, contractors, 39 Neponset, Boston, Mass.
Benazet Heddle Co. (Ltd.), tex. machy. supplies, etc., 500 W. Girard av, Philadelphia, Pa.
Benbow Co., desk tel. brackets, 54 N. 6th, Philadelphia, Pa.
Benda, Geo., bronze powders, 112 E. 19th, New York.
Bender, C., & Sons, lbr., Houston, Tex.
Bender, Geo., machy dlrs., 128 Center, New York.
Bender, Hy., brick, Gardenville, N. Y.
Bender, Hy., platinum foil, rivets, etc., 42 Walnut, Newark, N. J.
Bender, J. D., Roofing & Paving Co., Monadnock Blk., San Francisco, Cal.
Bender, L. W., & Son, contractors, Cape Girardeau, Mo.
Bender, Ph. J., & Sons, mchsts., 87 Frankfort, New York.
Bender, W. M., contractor, New Castle, Pa.
Bendinger, Louis, stone producers, Lockport, N. Y.
Bendus, J. V. & Co., waterproofing cloth, 17 South, New York.
Bene, John, & Sons, peroxide of hydrogen, 645 Dean, B'klyn, N. Y.
Benecia Agric. Wks., horse hoes, Benecia, Cal.
Benecke, F. F., & Son, brick & tile, Corwin, Ohio.
Benedict & Burnham, machsts., Waterbury, Conn.
Benedict, C., Mfg. Co., dress shields, 591 Mission, San Francisco, Cal.
Benedict, E. E., architect, 51 Leavenworth, Waterbury, Conn.
Benedict, Eli, architect, 1947 B'way, New York.
Benedict, Frederick S., architect, 50 E. 41st, New York.
Benedict, J. B., architect, Central Savings Bk. Bldg., Denver, Col.
Benedict, John, Co., brick, Davenport Iowa.
Benedict, John S., Lumber Co., 419 N. Halsted, Chicago, Ill.
Benedict Mfg. Co., silver plated hollow ware, knives, etc., East Syracuse, New York.
Benedict & Swanson, contractors, Jamestown, N. Y.
Benedict, Wm. K., architect, 527 5th av, New York.
Benefiel, C. E., Co., combination tools, Indianapolis, Ind.
Benesch, Jos., & Co., scrap iron, 1718 Vliet, Milwaukee, Wis.
Benfield & Milne Mfg. Co., signs, 374 Woodside av, Newark, N. J.
Benford Mfg. Co. spark plugs, Mount Vernon, N. Y.
Benham & Noyes, corn syrup, 12 B'way, New York.
Benjamin Air Rifle Mfg. Co., St. Louis, Mo.
Benjamin, C. W., wood handles, Sidney, Ohio.
Benjamin, Chas. H., architect, 772 E. 25th, Paterson, N. J.
Benjamin, Chas. K., contractor, Geneva, N. Y.
Benjamin & Daniels, granite producers, Hardwick, Vt.
Benjamin Elec. Mfg. Co., general offices & works, 120-128 S. Sangamon, Chicago, Ill. *See adv. index at end of book.*
Benjamin Hdwe. Co. (wholesale), Phœnixville, Pa.
Benjamin, M. E., architect, St. Petersburg, Fla.
Benjamin, Michael, cornices, 1718 S. 4th, Philadelphia, Pa.
Benjamin, R. A., architect, Bisbee Bldg., Jacksonville, Fla.
Benjamin-Sellar Mfg. Co., stove pipe braces, 559 W. Quincy, Chicago, Ill.
Benjamin & Straight, architects, 293 Woodward, Detroit, Mich.
Benjamin, T., & Sons, architects, Wenham Bldg., Grand Rapids, Mich.
Benjamin, W. A., switches, Los Angeles, Cal.
Benker, F. K., & Co., barrel machy., Millersburg, Pa.
Benneche, Edw., & Bro., fishing poles, 43 Gt. Jones, New York.
Benner, Elmer C., architect, Asbury Park, N. J.
Benner, J. H., & Co., contrs., Marion, Ind.
Benner Mach. Works, machinists & founderers, 5th & Oak, Oakland, Cal.
Benner Mfg. Co., toys, games, etc., Lancaster, Pa.
Benners, E. H., Co., lubrg. oils, 32 Front, New York.
Bennes, John V., architect, Chamber of Commerce Bldg., Portland, Ore.
Bennet, Jno. E., stone producers, Port Jefferson, N. Y.
Bennett-Barnes Co., contrs., Terre Haute, Ind.
Bennett, Benj. F., Bldg. Co., contractors, 123 S. Howard, Baltimore, Md.
Bennett & Bennett, machsts., Terre Haute, Ind.
Bennett Bros., stone producers, Winston-Salem, N. C.
Bennett Bros. Co., machsts., Lowell, Mass.
Bennett & Carey Bros. Co., canned goods, Frankford, Del.
Bennett Carriage Co., Burlington, Ia.
Bennett Contracting Corp., Portland, Me.
Bennett, D. C., architect, 717 Marquette av, Minneapolis, Minn.
Bennett, D., & Son, contractors, Schenectady, N. Y.
Bennett Dreyer Buss Belting Co., 3110 N. 11th, St. Louis, Mo.
Bennett, E. C., lumber mfr., Galena, Ohio.
Bennett, E. W., & Co., metal polish, tin cans, etc., 2000 16th, San Francisco, Cal.
Bennett, Edw. H., architect, Railway Exchange, Chicago, Ill.
Bennett, Edwin, Pottery Co., Baltimore, Md.
Bennett, Edwin T., architect, Mahwah, N. J.
Bennett, F. A., machinery dealer, 30 Church, New York.
Bennett, Frank H., contractors, Seattle, Wash.
Bennett, F. L., & Co., emblems & pins, Rochester, N. Y.
Bennett Furnace Co., 6531 Euclid av, Cleveland, Ohio.
Bennett, G. L., Machinery Co., Inc., 30 Church, New York.
Bennett, G. S., & Co., plate glass, 114 N. 9th, Philadelphia, Pa.
Bennett, G. W., & Bro., canned goods, Inverness, Md.
Bennett, Geo. W., contractor, Franklin Bldg., Baltimore, Md.
Bennett, Geo. W., lumber mfrs., Pitcher, N. Y.
Bennett, H. E., & Co., brick, Sidney, Ohio.
Bennett, H. L., plate glass, Philadelphia Bourse, Phila., Pa.
Bennett, H. L., Box Factory, packing boxes, Seattle, Wash.
Bennett, H. L., & Co., agricultural implements, Westerville, O.
Bennett Hardwood Lumber Co., Memphis, Tenn.
Bennett, I. A., Co., guy anchors, 112 W. Adams, Chicago, Ill.
Bennett, I. S., canned goods, Riverton, Md.
Bennett, J. A., masons' & bldrs.' matls., Ravenna, Ohio.
Bennett, J. A., & Son, incubators, Gouverneur, N. Y.
Bennett, J. W., canned goods, Auburn, Me.
Bennett, Jas. V., & Co., contractors, Williamsport, Pa.
Bennett, Jno. C., masons' & bldrs.' matls., Lowell, Mass.
Bennett & Lear, masons' & bldrs.' matls., West Chester, Pa.
Bennett & Lindenfield, architects, Benton Harbor, Mich.
Bennett Lumber & Mfg. Co., Hart, Mich.
Bennett, M., contractor, 50 Hedley, Providence, R. I.
Bennett, M., & Sons, contractors, Indiana, Pa.
Bennett Mfg. Co., machsts. & fndrs., Plymouth, Mich.
Bennett Mfg. Co., medicine cabinets, Alden, N. Y.
Bennett Mfg. Co., woodenware & nov. mfrs., Portland, Me.
Bennett & Mason Co., whol. hdwe., 154 State, Rochester, N. Y.
Bennett Metal Treating Co., hardening compound, Elmswood, Conn.
Bennett, N. T., fertilizer mfr., New Windsor, Md.
Bennett-O'Connell Co., platers' & polishers' supplies, 3600 So. Morgan, Chicago, Ill.
Bennett Organ Co., Rock Island, Ill.
Bennett Paper Can & Tube Co., 291 10th, San Francisco, Cal.
Bennett, Perry, & Sons, stone producers, Stoneham, Mass.
Bennett, R. A., architect, Tuckahoe, N. Y.
Bennett & Smith Co., contractors, Greensburg, Pa.
Bennett & Talbott, contractors, Greensburg, Pa.
Bennett, Thos., architect, 5123 3rd av, Brooklyn, N. Y.
Bennett Varnish Co., 2215 Elston av, Chicago, Ill.
Bennett, W. S., & Co., masons' & bldrs'. matls., 30th & L. E. & W. Ry., Indianapolis, Ind.
Bennett, Wells E., architect, La Crosse, Wis.
Bennett-Wheeler Mer. Co., cornices & skylights, Butler, Mo.
Bennett & White, Inc., music roll mfrs., 67 Goble, Newark, N. J.
Bennett, Wm. Arthur, architect, 19 S. La Salle, Chicago, Ill.
Bennett, Wm. B., contractor, 742 N. Negleg av, Pittsburgh, Pa.
Bennett, Wm. H., Co., boot & shoe counters, Lynn, Mass.
Bennett Wire Co., wire cloth mfrs., 405 Lexington av, New York. *See adv. index at end of book.*
Bennett & Witte, lumber mfrs., 222 W. 4th, Cincinnati, Ohio.
Bennetts, B. H., metallurgical engrs., Tacoma, Wash.
Benninghofers, C. Sons, gas engines, Hamilton, Ohio.
Bennington, S. B., contractor, Lynchburg, Va.
Bennington Scale Co., elec. cooking app., Bennington, Vt.
Bennington Wax Paper Co., Bennington, Vt.
Bennis, Edw. F., contractor, P. O. Bldg., Germantown, Phila., Pa.
Bennis, Richard P., contractor, 3d & Erie, Philadelphia, Pa.
Benns, W. E., architect, Bessemer, Ala.
Benns & Visscher Co., carriages, Schenectady, N. Y.
Benoit, Constant A., baking enamels, Sheepshead Bay, N. Y.
Benolite Co., inslg. var., 331 4th av, Pittsburgh, Pa.

Benore, John, contractor, Scranton, Pa.
Benroth Bros., machinists, Columbus Grove, Ohio.
Bens, S. J., Mfg. Corp., toilet paper & toys, holders, Herkimer, N. Y.
Bens, Wm., Co., manicure sets, silver novelties, shears, etc., 7 Beverly, Providence, R. I.
Bensinger, C. Co., duplicating app., 32nd & Stone, New York
Benskin Mfg. Co., pattern making outfits, Canton, Ohio.
Benson, A. M., & Co., barrel machy., Cleveland, Ohio.
Benson, A. R., Co., soldering flux, Hudson, N. Y.
Benson & Andrews, architects, Augusta, Ga.
Benson & Barbot, architects, Charleston, S. C.
Benson, C. H., grain elevator builder, 406 Corn Exchange, Minneapolis, Minn.
Benson, Chas. A. & Co., steel structural work, 1810 N. Fairfield av, Chicago, Ill.
Benson Coal Co., masons' & bldrs.' matls., Melrose, Mass.
Benson Dry Plate & Camera Co. 168½ Delancey, New York.
Benson, Edw., architect, 118 N. La Salle, Chicago, Ill.
Benson, Emil, & Son, contractors, 340 Willard, Providence, R. I.
Benson, Fred S., machinist, Port Allegany, Pa.
Benson, Geo. S., & Sons, contractors, Stimpson Bldg., Los Angeles, Cal.
Benson, H. K. & F. S., rolling mills—brass & copper, Glen Ridge, N. J.
Benson Hardware Co., Andalusia, Ala.
Benson, J. P., architect, 331 Madison av, New York.
Benson, L. A., machsts. tools & supplies, 8 E. Lombard, Baltimore, Md.
Benson & Marxer, contractors, Des Moines, Ia.
Benson Mines Co., iron ore mines, Benson Mines, St. Lawrence Co., N. Y.
Benson, Newman, contractor, 1625 Bedford av, Pittsburgh, Pa.
Benson, Oscar T., contractor, Hitchcock rd, Worcester, Mass.
Benson & Peterson, contractors, 437 Leclaire av, Chicago, Ill.
Benson-Phillips & Co., masons' & bldrs.' matls., Newport News, Va.
Benson-Phillips Co., masons' & bldrs.' matls., Newport News, Va.
Benson, W. T., & Co., lubricating oils & greases, 232 N. Front, Philadelphia, Pa.
Bent, F. H., architect, Bound Brook, N. J.
Bent, G. W., Co., machsts. & fndrs., 93 Causeway, Boston, Mass.
Bent, Geo. P., Co., pianos, 214 S. Wabash av, Chicago, Ill.
Bent Glass Nov. Co., 22 Wooster, New York.
Bent, Jas. S., core compounds, fish oils, etc., 117 1st, S. Boston, Mass.
Bent, S., & Bros., combination step-ladder chairs, Gardner, Mass.
Bent & Pennebaker, contractors, Los Angeles, Cal.
Bent, R. G. & Co., contractors, 904 Main, Hartford, Conn.
Bent Rung, Ladder & Mfg. Co., Indiana, Pa.
Bentel & Hyland, contractors, Cheviot, Ohio.
Bentel & Margedant Co., automobile body & wheel machy., etc., Hamilton, Ohio.
Benthall Mach. Co., coffee pickers, 115 Shoop, Suffolk, Va.
Bentley, A., & Sons Co., contractors, etc., 3051 A, Toledo, Ohio.
Bentley & Andrews, contractors, E. 11th & Irving, Portland, Ore.
Bentley, F. A., machst. & fndr., West Point, Miss.
Bentley & Gerwig Furniture Co., Parkersburg, W. Va.
Bentley, J. A., Lumber Co., Zimmerman, La.
Benton, A. B., architect, 114 N. Spring, Los Angeles, Cal.
Benton & Benton, architects, Chamberlaine Bldg., Norfolk, Va., and Wilson, N. C.
Benton Brick & Pottery Co., Benton, Ark.
Benton County Hardware Co., Rogers, Ark.
Benton, E. R., architect, 67 Milk, Boston, Mass.
Benton Electric Co., machsts. & fndrs., La Crosse, Wis.
Benton Harbor Malleable Foundry Co., castings, Benton Harbor, Mich.
Benton, L. F., Co., spark plugs, Vergennes, Vt.
Benton Mfg. Co., machinists, Monticello, Ga.
Benton Mfg. Co., machinists, 9 Bethune, New York.
Benton, Perry T., architect, Green Bay, Wis.
Benton Supply Co., fertilizer, Monticello, Ga.
Benton, Wm. H., architect, Bond Bldg., Washington, D. C.
Bentonville Milling Co., flour, Bentonville, Va.
Bentz, Frank B., machsts. & fndrs., Brunnerville, Pa.
Bentz, Harry, Engineering Co., Inc., air conditioning machy., 90 West, New York
Benvenue Granite Co., Stonington, Me.
Benz, Adam, & Son, machsts. & fndrs., Bank & Central, Cincinnati, Ohio.
Benzie & Campbell, granite, St. Cloud, Minn.
Benzien, Herman, brick, Wisner, Neb.
Berbecker, Julius, & Sons Co., hardware, Arlington Heights, Ill.
Berbecker & Rowland Mfg. Co., brass specialties & hardware mfrs., Waterville, Conn.
Berbert, A., & Bro., surgical instruments, 436 Powell, San Francisco, Cal.
Berchem, Julius, founders, 4921 W. Lake, Chicago, Ill.
Berckmans, P. J., Co., landscape architects, Augusta, Ga.
Berdel, J. G., contractor, Canton, Ohio.
Berea Canning Co., Berea, Ky.
Bereda Mfg. Co., varnish mfrs., Zion City, Chicago, Ill.
Berenson & Moses, architects, 904 Main, Hartford, Conn.
Berg Auto. Trunk & Spec. Co., 400 Lafayette, New York.
Berg Bros., advg. nov., 480 B'way, New York
Berg, Chas. I., architect, 331 Madison av., New York.
Berg Co., glue mfrs., Ontario below Richmond, Philadelphia, Pa.
Berg, David, Distilling Co., denatured alcohol, Delaware & Tasker, Philadelphia, Pa.
Berg, Edward J., architect, 223 Elizabeth, Utica, N. Y.
Berg, F. O., Co., contrs. tents, Spokane, Wash.
Berg, James, Mfg. Co., hydrometers & thermometers, 3707 12th av, Brooklyn, N. Y.
Berg, John, & Bro., ironing boards, ladders, etc., 5001 5th av, Chicago, Ill.
Berg, Louis O., machinist, Madison, Minn.
Berg, Wm., Co., carriages, Omaha, Neb.
Bergami, F. Nicholas, granite producers, Milford, N. H.
Bergbom & Roberg, ironing machs., 218 N. Jefferson, Chicago, Ill.
Berge, J. & H., chemical app., crucible mfrs., etc., 95 John, New York.
Bergen, E., & Sons, masons' & bldrs.' matls., Waterbury, Conn.
Bergen, J. D., Co., cut glassware, Meriden, Conn.
Bergen & Lindeman, contractors, 120 Liberty, New York.
Bergen Paper Co., Ridgefield Park, N. J.
Bergen Point Iron Wks., Bayonne, N. J.
Bergendahl-Knight Co., contractors, 111 W. Monroe, Chicago, Ill.
Berger, A. A., & Co., iron (architectural & ornamental), Houston, Tex.
Berger-Aiken Coal Co., coal miners & dealers, Benedum-Trees Bldg., Pittsburgh, Pa.
Berger, Albert, & Co., lenses, watch crystals, 45 John, New York.
Berger Bros., charcoal, 1186 Cherry av, Chicago, Ill.
Berger Bros., fertilizer mfrs., Easton, Pa.
Berger Bros. Co., tin plates & metals, 229 Arch, Phila., Pa.
Berger, Bruno W., & Son, architects, 121 Bible House, New York.
Berger, C. L., & Sons, architects' instruments, 35 Williams, Boston, Mass.
Berger, Carl P., architect, S. Penn Sq. Bldg., Philadelphia, Pa.
Berger & Carter Co. (owners of Pacific Tool & Supp. Co.), mach. shop equipt., tool & supps., main office at 17th & Mississippi, San Francisco, Cal. Branch offices at Los Angeles, Cal.; Portland, Ore., and Seattle, Wash.
Berger, Chas., machst. & fndr., Belleville, Ill.
Berger & Co., filing safes, Canton, Ohio.
Berger, Mrs. Chas. E., flour mills, Trout Run, Pa.
Berger, Edw. W., & Bro., mill, facty. & plumbers' supplies (jobbers), Weehawken, N. J.
Berger, Glose Co., wholesale hardware, Allentown, Pa.
Berger, Gustav, sash, door & blind mfrs., 1143 N. Front, Philadelphia, Pa.
Berger, H., Sons, stucco wk., papier mache mfrs., 346 E. 34th, New York.
Berger & Hawden Mfg. Co., egg automatic boilers, Homestead, Pa.
Berger, Jacob F., architect, 349 13th av, Brooklyn, N. Y.
Berger, L. D., tin plate, metals, etc., 59 N. 2nd, Phila., Pa.
Berger, Louis, & Co., architects, 1652 Myrtle av., Evergreen, N.Y.
Berger Mfg. Co., roofing, etc., Canton, Ohio.
Berger Mfg. Co. of Cal, corr. iron mfrs., 1120 Mission, San Francisco, Cal.
Berger Metal Mfg. Co., elec. portables, 138 W. 14th, New York.
Berger, Rich. A., architect, 811 N. 15th, St. Louis, Mo.
Berger, Richard, & Son, architect, 309 B'way, New York.
Berger, S. K., plate glass, 414 S. Dearborn, Chicago, Ill.
Berger Specialty Mfg. Co., metal specialties, Richmond, Va.
Berger, William, & Co., bed springs, mattresses, etc., 392 Florida, Milwaukee, Wis.
Berger & Wirth, printing inks, 58 Columbia Hts., Brooklyn, N. Y.
Bergeron, H. J., machinist, Houma, La.
Bergeron, J. L., & Son, contractors, Burlington, Vt.
Bergesen, John, architect, 153 W. 126th, New York.
Bergey, Aaron E., architect, Bessemer Bldg., Pittsburgh, Pa.
Berggren & Pearson Mach. Co., 221 Canal, New York.
Bergh, Wm., cornices, Newton, Kan.
Berghausen Machine Co., 2128 Colerain av, Cincinnati, Ohio.
Berghofer, Mitchell Co., machinists, Quincy, Ill.
Bergholtz, Edmund, architect, Galena Blk., Salt Lake City, Utah.
Bergholtz, Strodtz & Co., machinists, 2230 Ogden av, Chicago, Ill.
Bergie Nat'l Spark Plug Co., 7th & 19th av, Rockford, Ill.
Bergin, M. J., Lbr. Co., 225 Dennison av, Columbus, Ohio.
Bergland, G. A., lbr., Matthews Bldg., Milwaukee, Wis.
Berglas, M. P., Mfg. Co., plumbers' wood wk., 10 Fulton, Brooklyn, N. Y.
Berglund, Chas., & Son, cornices, 236 E. 47th, New York.
Bergman, Andrew, contractor, Troy, N. Y.
Bergman, Jos. A., & Son, contractors, 2610 Wylie av, Pittsburgh, Pa.
Bergman Knitting Mills, Osceola & Pastorius, Gtn., Phila., Pa.
Bergman Tool Mfg. Co., Buffalo, N. Y.
Bergman, W., Hardware Co., 44 E. Genesee, Buffalo, N. Y.
Bergmann, F. J., soap, 413 W. Morris, Indianapolis, Ind.
Bergner, Fred, & Co., jewelers' boxes, Paca & Cross, Baltimore, Md.
Bergquist, B., dumb waiters, 534 Union, Brooklyn, N. Y.
Bergquist Bros., contractors, Duluth, Minn.
Bergren, L. G., & Son, contractors, Hearst Bldg., San Fran., Cal.
Bergstein Bros., mattresses, 208 Plymouth av, N., Minneapolis, Minn.
Bergstrom, A. B., machinist, Norfolk, Neb.
Bergstrom & Bass, machinists, 158 2d av, Brooklyn, N. Y.
Bergstrom, C. H., carriages, Neenah, Wis.

Bergstrom, Edwin, architect, Cit. Nat. Bk. Bldg., Los Angeles, Cal.
Bergstrom Paper Co., Neenah, Wis.
Bergstrom Stove Co., Neenah, Wis.
Berhard, Mercer, Co., masons' & bldrs.' matls., Burlington, Ia.
Bering, C. L. & Theo., Jr., wholesale hardware, Houston, Tex.
Bering-Cortes Hardware Co., Houston, Tex.
Bering Mfg. Co., sash, door & blind mfrs., Houston, Tex.
Beringer Hardware Co., Purcell, Okla.
Berk Bros., bottle openers, 543 B'way, New York.
Berka, F., masons' & bldrs.' matls., Santa Rosa, Cal.
Berkebile Bros., contrs., Johnstown, Pa.
Berkefeld Filter Co., 162 William, New York.
Berkeley Cornice Works, Berkeley, Cal.
Berkeley, Fourniss Co., machsts. & fndrs., Madison, Wis.
Berkeley Iron Works, Berkeley, Cal.
Berkely Mfg. & Supply Co., waist & packing, 640 Paronia av, Jersey City, N. J.
Berkheimer, J. E., Mfg. Co., asphalt, roofing, Tacoma, Wash.
Berkley Chemical Co., fertilizer mfrs., Norfolk, Va.
Berkley Machine Works, Berkley, Va.
Berkowitz Envelope Co., Kansas City, Mo.
Berks Engineering Co., Reading, Pa.
Berkshire & Becket Silk Co., silk thread, Becket, Mass.
Berkshire Box & Paper Co., Mellenville, N. Y.
Berkshire Fertilizer Co., Bridgeport, Conn.
Berkshire Glass Sand Co., Cheshire, Mass.
Berkshire Hardware Co., Pittsfield, Mass.
Berkshire Hills Co., lime, Sheffield, Mass.
Berkshire Hills Paper Co., Adams, Mass.
Berkshire Iron Wks., 120 B'way, New York.
Berkshire Iron Wks., blast furnace, Cheshire, Mass.
Berkshire Lumber Co., Pittsfield, Mass.
Berkshire Mfg. Co., foundry molding machines, Whitney Power blk., Cleveland, Ohio.
Berkshire Mill Supply Co., Pittsfield, Mass.
Berla, Elias, cornices, 232 Mulberry, Newark, N. J.
Berlenbach, Francis J., architect, 260 Graham av, B'klyn, N. Y.
Berlin Aniline Wks., 213 Water, New York.
Berlin Brick Co., Berlin, Md.
Berlin Construction Co., 220 B'way, New York, and Berlin, Conn.
Berlin Fabric Mfg. Co., advtg. nov. & specialties, Berlin, Wis.
Berlin Fdry. & Mach. Co., Berlin, N. H.
Berlin & Jones Envelopes Co., 547 W. 27th, New York.
Berlin Knitting Co., lumbermen's socks, Bangor, Me.
Berlin Knitting Mills, sweaters, cardigans, etc., 187 Broadway, Brooklyn, N. Y.
Berlin Machine Works, 261 B'way, New York.
Berlin Neuroder Art Printing Co., wall pockets, 80 5th av, New York
Berlin, Robert C., architect, 19 S. La Salle, Chicago, Ill.
Berlin Supply Co., fertilizer mfrs., Berlin, Ga.
Berlinger & Moscovitz, architects, 320 5th av, New York.
Berlinghof & Davis, architects, S. M. L. Bldg., Lincoln, Neb.
Berman, Samuel, wholesale hardware, 28 Post, Boston, Mass.
Berman, Sam'l J., architect, Lennox Bldg., Cleveland, Ohio.
Bermo Welding Co., 1915 Harney, Omaha, Neb.
Bernard, A. M., machsts., New Iberia, La.
Bernard Bros., ties, poles & posts, Land Tile Bldg., Phila., Pa.
Bernard-Greenwood Co., steam fitters' supplies, 20 Desbrosses, New York.
Bernard, Jos., Esq., architect, Guarantee bldg, New Orleans, La.
Bernard, J. L. S., contractor, Oak Park, Ill.
Bernard, Phillip, Co., cupolas, Sioux City, Ia.
Bernard, W. J., soap, Seattle, Wash.
Bernardin Bottle Cap Co., Evansville, Ind.
Bernardin, J. M., Lbr. Co., Kansas City, Mo.
Bernd, G., Co., horse collars, Macon, Ga.
Berne Lumber Co., Berne, Ind.
Berne Milling Co., flour, Berne, Ind.
Berner & Freedman, trunk mfrs., 452 B'way, New York.
Berner, H. D., & Winterbauer Co., ale pumps, 4th av & 12th, New York.
Berney-Bond Glass Co., glass bottles, Bradford, Pa.
Bernhard, F. A. & Co., badges & buttons, 275 W. 23d, New York.
Bernhard Mattress Co., 739 Mission, San Francisco, Cal.
Bernhard, Wilhelm, architect, 64 W. Randolph, Chicago, Ill.
Bernhardt, Chas. Wm., contractor, Atlanta, Ga.
Bernhardt, David, Paint Co., Ltd., 321 Camp, New Orleans, La.
Bernhardt, M. E., cigar holders, 157 Chambers, New York.
Bernhardt Mfg. Co., machsts., Edwardsville, Ill.
Bernhardt Niehaus & Co., mchsts. & fndrs., Collinsville, Ill.
Bernheim Dist. Co., 218 Greenwich, New York.
Bernhisel Construction Co., 105 W. Monroe, Chicago, Ill.
Bernice Lumber Co., Ltd., Bernice, La.
Bernier, Napoleon M., carriages, 46 Point, Providence, R. I.
Bernier, Victor, contractor, 953 Baldwin, Waterbury, Conn.
Bernier & Vanasse, contractors, Northampton, Mass.
Bernreuther, Fred, cornices, Edwardsville, Ill.
Bernritter, Frank H., contractor, 127 N. Dearborn, Chicago, Ill.
Berns & Schlee mchsts. & fndrs., Lyons, N. Y.
Bernstein, J., torches, cornices, Omaha, Neb.
Bernstein Mfg. Co., 3rd & Allegheny av, Philadelphia, Pa.
Bernstein, Michael, architect, 103 Park av, New York.
Bernz, Otto, furnaces & plumbers' tools, 17-37 Ashland, Newark, N. J.
Beronio & Palmer, mchsts. & fdrs., Memphis, Tenn.
Berres, A., architect, 1484 St. Marks av, Brooklyn, N. Y.
Berrian, Edwd., architect, Hollands, Rockaway Beach, N. Y.
Berrick's, Chas., Sons Co., contractors, 1151 Main, Buffalo.
Berridge Bldg. Co., contractors, Passaic, N. J.
Berridge Shear Co., Sturgis, Mich.
Berrigan, J. J., filter presses, Orange, N. J.
Berrigan, Wm. J., contractor, Little Falls, N. Y.
Berry, A. C. U., contractor, Selling Bldg., Portland, Ore.
Berry, A. Hall, 71 Murray, New York.
Berry, Addison C., & Co., architects, Hammond, Ind.
Berry, A., Hein Fan Co., exhaust fans, 92 1st, South Boston, Mass.
Berry & Beckel, contractors, Austin, Minn.
Berry Bros., contractors, Garfield bldg, Cleveland, O.
Berry Bros., bolts & nuts, Columbus, Ohio.
Berry Bros., paint & varnish, Detroit, Mich.
Berry Bros., Wight & Leib, wood alcohol & enamels, Detroit, Mich.
Berry, Chas. E., machsts., Somerville, Mass.
Berry, Chas. H., Supply Co., mill & facty. supplies, Wheeling, W. Va.
Berry, Chas. V., contractor, Mansfield, Ohio.
Berry Co., masons' & bldrs. matls., Oil City, Pa.
Berry & Davidson, architects, 29 Central, Boston, Mass.
Berry & Duke, steam fitters' supls., Duke Center, Pa.
Berry Engng. Co., machsts., Chester, Pa.
Berry & Ferguson, masons' & bldrs. matls., 159 Devonshire, Boston, Mass.
Berry Fdry. & Mfg. Co., St. Joseph, Mo.
Berry, Frank A., architect, Atlantic City, N. J.
Berry, Geo., packing box mfrs., North Tonawanda, N. Y.
Berry, Geo. O., brick, Columbus, Ga.
Berry-Glosser Co., junction boxes, Marion, Ohio.
Berry, H. N., machst. & fdr., Greenville, Miss.
Berry Iron & Steel Co., St. Joseph, Mo.
Berry, J. C., architect, Amarillo, Tex.
Berry, J. H., mchsts. & fndrs., Mansfield, Ohio.
Berry, J. M. & L. C., iron, 325 W. Ohio, Chicago, Ill.
Berry, Jas. E., brick & fire clay, Woodbridge, N. J.
Berry, James, & Son, scrap rubber, Brockton, Mass.
Berry, Lewis D., machsts., Petrolia, Pa.
Berry Lumber Co., who., 30 Church, New York.
Berry-McCray Co., canned goods, Huntington, W. Va.
Berry, McKnight Clock Co., switches, Marine City, Mich.
Berry, O. P., Co., excelsior & wood wool mfrs., Wolfeboro Falls, N. H.
Berry, S. H., Hardware Co., Dover, N. J.
Berry, S. R., architect, 445 Breckenridge, Buffalo, N. Y.
Berry Stone Co., Ellettsville, Ind.
Berry & Tracey, granite producers, Warner & B. & O. R. R., Baltimore, Md.
Berry Union Co., flanged, boltless flanges, etc., unions, 400 Jodchaux bldg, New Orleans, La.
Berry, W. J., & Co., cornices & skylights, Tampa, Fla.
Berry-Wood Piano Player Co., Kansas City, Mo.
Berryman, C. M., masons' & bldrs. matls., Versailles, Ky.
Berryman, John, contractor, Orange, N. J.
Berryville Canning Co., Berryville, Ark.
Berryville Milling Co., flour mills, Berryville, Ark.
Bers, E. & Co., iron, steel & rubber scrap, 330 S. Del. av, Philadelphia, Pa.
Berschbach & Herz, cornices, 634 Gratiot av, Detroit, Mich.
Berst Mfg. Co., wood skewers, Saginaw, Mich.
Bersted Forming Tool Co., 771 Mather, Chicago, Ill.
Bertels, W. B. & Son Co., Inc., wash boilers, steel drums, tin, oil & grease cans, etc., Wilkes-Barre, Pa.
Bertelsen Adjustable Grille Co. 2117 S. Troy, Chicago, Ill.
Bertelsen, John, cornices, Rock Island, Ill.
Bertelsen & Petersen Eng. Co., engines, 256 Border, Boston, Mass.
Bertelsman, Glenn Co., screw mach. products, 1119 Hamilton av, Indianapolis, Ind.
Bertha Mineral Co., zinc, Pulaski, Va.
Berthe, Albert, fndrs., 763 Patterson av, Jersey City, N. J.
Berthelet, H., Sewer Pipe Co., 4th & Montana avs, Milwaukee, Wis.
Berthold & Jennings Lbr. Co., Wright Bldg., St. Louis, Mo.
Bertholdt, H. C., cornices, Menominee, Mich.
Bertie Cotton Oil Co., Aulander, N. C.
Bertig Bros., ties, Paragould, Ark.
Bertke, H., & Son, contractors, Newport, Ky.
Bertler's, S., Sons Co., brick, Manitowoc, Wis.
Bertling, Paul C. & Son, Galvanizing & Sheet Metal Wks., cornices, Hancock & 18th, Detroit, Mich.
Bertolet & Hunter silica sand, Temple, Pa.
Bertolette, Edw. F., architect, 1614 Cherry, Philadelphia, Pa.
Bertolette Mach. Tool Co., machy. dlrs., new & sec. hd., 220-228 Orient av, Jersey City, N. J.
Bertrand & Chamberlin, architects, N. W. Bk. Bldg., Minneapolis, Minn.
Bertsch & Co., machs. & fdrs., Cambridge City, Ind.
Berwick Lumber Co., Ltd., Cleo & Freret, New Orleans, La.
Berwin Knitting Mills, 424 Bainbridge, Brooklyn, N. Y.
Berzen, Nat. E., scrap rubber, 232 South, New York.
Besarick, J. H., archit't, 124 Norfolk av, Roxbury, Boston, Mass.
Besarick, Wm. H., architect, 15 School, Boston, Mass.
Be Saw Tire & Rubber Co., Hartville, Ohio.
Beseler, Chas. Co., stereopticons, 131 E. 23d, New York.

Beseler Oxygen Co., 131 E. 23d, New York.
Beseman, E. J., cornices, 731 San Fernando, Los Angeles, Cal.
Beshers, Robt. L., canned goods, El Paso, Ill.
Beshore, Chas., & Co., cornices, Marion, Ind.
Besly, Chas. H., & Co., machst., mill & facty. tools & supplies, disc grinders, taps, etc., 128 N. Clinton, Chicago, Ill.
Bessel, Wesley, arch't, 56 W. 45th, New York.
Bessell, Wesley S., architect, 56 W. 45th, New York.
Bessman, Samuel P., architect, 20 Clinton, Newark, N. J.
Bessemer Fire Brick Co., Birmingham, Ala.
Bessemer Foundry Co., fndrs., Grove City, Pa.
Bessemer Fdry. & Mach. Co., Bessemer, Ala.
Bessemer Gas Engine Co., Grove City, Pa.
Bessemer Limestone Co., Youngstown, Ohio.
Bessemer Motor Truck Co., Grove City, Pa.
Bessemer Refining Co., petroleum, Titusville, Pa.
Bessemer Soil Pipe Works of the N. O. Nelson Mfg. Co., Bessemer, Ala.
Besser Mfg. Co., machy., Alpena, Mich.
Bessie Furnace Co., Oliver Bldg., Pittsburgh, Pa.
Bessinger & Co., turpentine, Loughman, Fla.
Best Brothers Keen's Cement Co., Medicine Lodge, Kans.
Best Builders' Supply Co., Marion Bldg., Cleveland, Ohio.
Best, C. L., Gas Traction Co., Oakland, Cal.
Best-Clymer Mfg. Co., canned goods, Virginia & Davis, St. Louis, Mo.
Best Co., power plant piping, steam fitters' supps., 33rd & R. R., Pittsburgh, Pa.
Best, E., Plumbing, Htg. & Supply Co., Quincy, Ill.
Best, Edw. H., & Co., felt blankets, 222 Purchase, Boston, Mass.
Best Elec. Co., Vanadium Bldg., Pittsburgh, Pa.
Best Foundry Co., Bedford, Ohio.
Best, H. D., Co., contractors, 52 Vanderbilt av, New York.
Best, J. A., & Co., cornices & skylights, Allentown, Pa.
Best, John H., & Sons, display racks, Galva, Ill.
Best, Jos. B., contractor, Woodbury, N. J.
Best, L. Co., emery wheel mfrs., 75 Barclay, New York.
Best Light Co., machst. & fdrs., 479 2nd, N. E., Canton, Ohio.
Best Mfg. Co., advtg. nov. & spec., New Haven, Conn.
Best Mfg. Co., bank fixtures, Peoria, Ill.
Best Mfg. Co., castings, A & 1st, Pittsburgh, Pa.
Best Mfg. Co., fly killers, Charlotte, Mich.
Best Mfg. Co., plumbers' supplies, jobbers, 4610 St. Clair av, Cleveland, Ohio.
Best Mfg. Co., sash, door & blind mfrs., Peoria, Ill.
Best Register Co., registers & grilles, 15th & Oklahoma Av, Milwaukee, Wis.
Best, Richard, lead pencils, 54 Lafayette, New York.
Best Stove Co., gas stoves and ranges, 39 Atwater av, Detroit, Mich.
Best, W. N., Inc., metal furnace mfrs., 11 B'way, New York.
Betaw Tire & Rubber Co., Hartville, Ohio.
Betcher, Chas., Lbr. Co., Red Wing, Minn.
Betells, James O., Esq., architect, 665 Broad, Newark, N. J.
Bethania Stock Co., flour, Bethania, N. C.
Bethany Canning Co., Bethany, Mo.
Bethel, Geo. D., sash, door & blind mfrs., Antwerp, N. Y.
Bethlehem Foundry & Machine Co., Bethlehem, Pa.
Bethlehem Lime & Stone Co., Bethlehem, Pa.
Bethlehem Motor Corp'n, Allentown, Pa.
Bethlehem Paint Co., Bethlehem, Pa.
Bethlehem Roofing & Metal Wks., Bethlehem, Pa.
Bethlehem Shipbldg. Corp., South Bethlehem, Pa.
Bethlehem Steel Bridge Corp., So. Bethlehem, Pa.
Bethlehem Steel Co., iron & steel mfrs., S. Bethlehem, Pa.
Bethlehem Snap Fastener Co., 1013 Myrtle av, Brooklyn, N. Y.
Bethume & Fuchs, architects, 215 Franklin, Buffalo, N. Y.
Betkouskie, Martin F., plastic orna., Los Angeles, Cal.
Betson Plastic Fire Brick Co., Rome, N. Y.
Betsey Ross Flag Co., Newburgh, N. Y.
Bettcher, Geo. L., architect, Empire Bldg., Denver, Colo.
Bettcher Mfg. Co., stampings, etc., 6120 Clark av, Cleveland, O.
Bettendorf Co., cars, Bettendorf, Ia.
Bettendorf Oxygen-Hydrogen Co., Bettendorf, Ia.
Bettendorf Stone Co., Bettendorf, Ia.
Better, Jos., stone producer, New Philadelphia, Ohio.
Better Way Products Co., cereal foods, San Diego, Cal.
Betterman, Reinhold, boiler flue plugs, Johnstown, Pa.
Bettes, A. O., Mfg. Co., metal polish, 1208 E. 12th, Kansas City, Mo.
Bettes & Ebsen, automobile & mill & factory supplies, 150 Chambers, New York. *See adv index at end of book.*
Bettes, H. S., Hardware Co., Paris, Tex.
Bettis, H., Co., cooperage stock, Wheeling, W. Va.
Bettler, C. L. & Son, boxes—rural mail, Wapello, Ia.
Betton, Chas. L., architect, 31 Exchange, Lynn, Mass.
Betton, J. M., sand blast machs., etc., 59 Pearl, New York.
Betts, Anson G. Co., chrom. ores, manganese ores, iron ores, Asheville, N. C.
Betts & Betts Corp., welding & cutting apparatus & signs, motors, etc., 513 W. 42nd, New York.
Betts, Chas. M., & Co., Lbr., Hertel av & Niagara River, Buffalo, N. Y., & Bailey Bldg., Philadelphia, Pa.
Betts Machine Co., boring machines, car lathes, etc., Maryland av & South, Wilmington, Del.
Betz, Piere Co., airplane parts & supplies, 2230-40 E. 9th, Cleveland, Ohio.
Betts Spring Co., 888 Folsom, San Francisco, Cal.
Betts, W. L., machsts., Petroleum Center, Pa.
Betz, Frank S., Co., machsts., Hammond, Ind.
Betz, Gerard W., architect, Kingston, N. Y.
Betz, Jacob, stone producers, Lancaster, Pa.
Betz-Pierce Co., nickel steel merchants, 2230 E. 9th, Cleveland, Ohio.
Betz, Robt. E., contractor, Sioux City, Ia.
Betzler, Geo. J., contractor, 2622 Marshall, Minneapolis, Minn.
Beuchner & Orth, architects, Shubert Bldg., St. Paul, Minn.
Beucler, L. A., & Co., masons' & bldrs. matls., Mowrytown, O.
Beuerlein, F. X., mchsts. & fdrs., Lawrenceburg, Tenn.
Beutel, H. M., architect, First Nat'l Bk. Bldg., El Paso, Tex.
Beutel Pickling & Canning Co., Bay City, Mich.
Beuthin, Chas. F. W., mchsts. & fdrs., Prairie Du Chien, Wis.
Beuttell Hy., & Sons, linoleum mfrs., 114 5th av, New York.
Beuttler & Arnold, architects, Security Bk. Bldg., Sioux City, Ia.
Beuttler, John F., architect, Phelan Bldg., San Francisco, Cal.
Beveridge Paper Co., Indianapolis, Ind.
Beveridge, S. T. & Co., fertilizer mfrs., Richmond, Va.
Beveridge & Taylor, wagon spokes, Bristol, Tenn.
Beveridge, W. H., Jr., contractor, Richmond, Va.
Beverley, R. C., Heating Co., heating contractors, 9 N. 7th, Richmond, Va.
Beverly Mfg. Co., pennant mfrs., Staunton, Va.
Beverly Textile Mills, Beverly, N. J.
Beverly, W. E., lumber, Thomasville, Ga.
Beverstock, O. D., Co., plant sticks, rims—sieve & riddle, Keene, N. H.
Bevin Bros. Mfg. Co., mchsts. & fdrs., East Hampton, Conn.
Bevins, Chas. L., architect, Jamestown, R. I.
Bevis Rock Salt Co., Wright Bldg., St. Louis, Mo.
Bewley, Geo. P., lbr., Berwyn, Md.
Bewley Mills, flour, Ft. Worth, Tex.
Beyer, F. D., & Co., masons' & bldrs. matls., Tyrone, Pa.
Beyer, Max J., architect, 79 River, Hoboken, N. J.
Beyerle, J. J., Mfg. Co., dress shields, 81 S. 5th, B'klyn, N. Y.
Beyerlein, John N., carriages, 5336 South Park av, Chicago, Ill.
Beyrer, W. H., architect, Lyceum Bldg., Duluth, Minn.
Beyster Bros., contractors, 1964 Fort W., Detroit, Mich.
Beyster Jno., lumber, 875 Fort, W. Detroit, Mich.
B. & H. Fibre Mfg. Co., talking mach. needles, 35 W. Kinzie, Chicago, Ill.
Bialek, Wm., machsts., Terre Haute, Ind.
Bianchi, Chas., & Sons, granite, Barre, Vt.
Bianchi, G. R., Granite Co., Montpelier, Vt.
Bibb, B. C., Stove Co., 109 Light, Baltimore, Md.
Bibb Brick Co., Macon, Ga.
Bibb Mfg. Co., filter bags, Macon, Ga.
Bibb Sewer Pipe Co., Macon, Ga.
Biberstein, R. C., architect, Charlotte, N. C.
Bicalky Fan Co., Buffalo, N. Y.
Bick, J. N., concrete steel construction, Toledo, Ohio.
Bick, Jacob N., contractor, The Nasby, Toledo, O.
Bickel, Chas., architect, May Bldg., Pittsburgh, Pa.
Bickel, Chas. F., Co., Inc., dredging contrs., 30 Church, N. Y.
Bickel Hy., Co., contrs., Louisville, Ky.
Bickel, T. W., mach. & fdr., Alva, Okla.
Bickelhaupt, Geo., green house bldrs., 722 11th av, New York.
Bickerstaff Brick Co., Brickyard, Ala.
Bickett Machine & Mfg. Co., bench milling machines, Cincinnati, Ohio.
Bickford Bros. Co., hammock mfrs., Rochester, N. Y.
Bickford Fire Brick Co., Curwensville, Pa.
Bickford & Francis Belting Co., 34 Pearl, Buffalo, N. Y.
Bickford, H., & Co., boring & turning mills mfrs., Lakeport, N. H.
Bickford, H. H., architect, 118 Lake, Elmira, N. Y.
Bickford, H. M., Co., lumber, 70 Kilby, Boston, Mass.
Bickford Machine Co., see Greenfield Top & Die Corporation, Greenfield, Mass.
Bickhardt, Andrew, cornices, 3540 Bronx blvd, New York.
Bickhaus File Co., Quincy, Ill.
Bicking Paper Co., presses, 111 N. 2nd, Philadelphia, Pa.
Bicking, S. Austin, Paper Mfg. Co., box bd mfrs. & indented paper, East Downingtown, Pa.
Bickley, Geo. Howard, architect, 1529 Walnut, Philadelphia, Pa.
Bickmore Gall Cure Co., Old Town, Me.
Bicknell, Geo. H., Co., boot & shoe counters, Weymouth, Mass.
Bicknell Mfg. & Supply Co., wholesale hardware & mill & facty. supps., Janesville, Wis.
Bicknell-Thomas Co., tap chucks, tapping attachments, friction clutches, gauges, etc., mfrs., Greenfield, Mass.
Bickta, Chas. F., hair plastering, 2d & Greenhill av, Wilmington, Del.
Bicycle Step Ladder Co., 6 W. Randolph, Chicago, Ill.
Biddison Mfg. Co., lubricators, Madison, Wis.
Biddle-Gaumer Co., fndrs., 3846 Lancaster av, Philadelphia, Pa.
Biddle, Jas. G., instruments (electrical testing, etc.), 1211 Arch, Philadelphia, Pa.
Biddle Motor Car Co. Germantown, Sedgley & Allegheny avs, Philadelphia, Pa.
Biddle Piano Co., 107 E. 128th, New York.
Biddle Purchasing Co., wholesale hardware, 105 Chambers, New York, & 208 S. La Salle, Chicago.
Biddle & Smart Co., automobile bodies, Amesbury, Mass.
Bidle, W. S., Co., steel hardening, 1411 E. 45th, Cleveland, O.
Bidtel Chemical Wks., Inc., 51 Front, New York.

Bidwell, C. V., mchsts. & fndrs., Sharon, Pa.
Bidwell, F. S., Co., masons' & bldrs. matls., Windsor Locks, Conn.
Bidwell, J. C., & Co., mill & facty. supplies, Hartford, Conn.
Bieber, Wm. S., flour mills, Clarkstown, Pa.
Biecker, Jos. H., contractor, First Nat. Bk. Bldg., Cincinnati, O.
Biefield, O., & Co., mchsts. & fdrs., Watertown, Wis.
Bieg, Fred, Box Co., 40 Gold, New York.
Bieg, Hy., sinks & trays, 50 Wallabout, Brooklyn, N. Y.
Biegert, J. C., Machine Wks., shingle saw collars, Seattle, Wash.
Biegler, Louis, Co., cornices, 167 N. Curtis, Chicago, Ill.
Biehl, Edward, common brick, Pana, Ill.
Biehl Iron Wks., Inc., concrete mixers, Reading, Pa.
Biehl's Carriage & Wagon Wks., Reading, Pa.
Bieker Bros. Co., masons' & bldrs.' matls., Hammond, Ind.
Biele, Carl F., architect, 381 W. 12th, New York.
Bielenberg, A., Co., color mfrs., 69 Front, New York.
Bieley, Boris, scrap rubber, 59 Pearl, New York.
Bielhen Fdry. & Mach. Wks., St. Joseph, Mo.
Bien & Peters, masons' & bldrs.' matls., Belleville, Ill.
Bienfield, Dan. L., & Co., contractors, Phelan Bldg., San Francisco, Cal.
Bienville Lumber Co. (Ltd.), Alberta, La.
Bier, Chas. W., architect, 219 6th, Pittsburgh, Pa.
Bierbaum-Dollar, heating & ventigating engrs., Buffalo, N. Y.
Bierly, Jacob, canned goods, Springwood, Va.
Bierman-Everett Fdry. Co., junction boxes, Irvington, N. J.
Bierman, F., & Sons, scrap rubber, St. Louis, Mo.
Bierman, John A., meat packers, Wilmington, Del.
Biersach & Niedermeyer Co., cornices, sheet metal doors, etc., 220 5th, Milwaukee, Wis.
Biertuempfel Bros. Cork Co., 57 Av L, Newark, N. J.
Biesanz Stone Co., gravel washers, Winona, Minn.
Biescar Bros., bank & office railings, Los Angeles, Cal.
Biesenger, Geo. L., contractor, 865 Downington av, Salt Lake City, Utah.
Bies, J., fnder., Michigan City, Ind.
Biever, A. W., Plumbing & Htg. Co., Aurora, Ill.
Big Bay Lumber Co., 2345 Loomis, Chicago, Ill.
Big Bend Milling Co., flour, Davenport, Wash.
Big Creek Shingle Co., lumber mfrs., Tacoma, Wash.
Big Creek Timber Co., lumber, Aberdeen, Wash.
Big Diamond Mills Co., feed, 922 Flour Exch., Minneapolis, Minn.
Big Falls Paper Co., Rock City Falls, N. Y.
Big Four Canning Co., Stanley, Wis.
Big Four Clay Co., Canton and Malvern, Ohio.
Big Four Crushed Stone Co., Ingalls, Ind., and Van Wert, Ohio.
Big Four Ink & Color Co., Battle Creek, Mich.
Big Four Mfg. Co., track jacks, etc., Bloomfield, Ind.
Big Four Stone Co., New Point, Ind.
Big Pine Lumber Co., Ltd., Colfax, La.
Big Rock Stone & Construction Co., Little Rock, Ark.
Big Run Mfg. Co., cooperage, Allentown, Pa.
Big Sandy Hardware Co., Paintsville, Ky.
Big Sandy Milling Co., flour, Louisa, Ky.
Big Savage Fire Brick Co., Frostburg, Md.
Bigelow Bros., lumber, Bowling Green, Ohio.
Bigelow Bros. & Walker Co., lumber mfrs., 5 N. La Salle, Chicago, Ill.
Bigelow, Cheney, Wire Wks., Springfield, Mass.
Bigelow Co., boilers, machsts., etc., New Haven, Conn.
Bigelow & Donovan, masons' & bldrs.' matls., New Hampton, Ia.
Bigelow & Dowse Co., whol. hdwe. & mill & facty. supplies, 229 Franklin, Boston, Mass.
Bigelow, F. A., & Son, masons' & bldrs.' matls., Peninsula, Ohio.
Bigelow, Frederick, architect, 1 Clinton, Jersey City, N. J.
Bigelow, Kennard & Co., elec. & gas light fix. mfrs., 511 Washington, Boston, Mas.
Bigelow Varnish Co., 87 Oliver, Newark, N. J.
Bigelow, W. C., paper & pulp mill architect, Biddeford, Me.
Bigelow & Dadsworth, architects, 3 Hamilton pl, Boston, Mass.
Biger, Leonard, canned goods, Kenton, Del.
Biggar, C. H., architect, Bakersfield, Cal.
Biggar Bros., loose pulley oilers, Oneida, N. Y.
Biggar, J. W., architect, West Tampa, Fla.
Bigger, Frederick T., architect, city-country bldg., Pittsburgh, Pa.
Biggers, T. J., architect, 2520 Blakemore av, Nashville, Tenn.
Biggers, W. R., architect, Tampa, Fla.
Biggin, Chas. P., Co., founders, 1829 Harlin, Philadelphia, Pa.
Biggin, Frederic, architect, Polytechnic Institute, Auburn, Ala.
Biggins, Thos., contractor, Waynesburg, Pa
Biggs, A., Sash & Door Co., 4036 N. California av, Chicago, Ill.
Biggs, B. F., Co., masons' & bldrs.' matls., Pomeroy, Ohio.
Biggs, B. F., Pump Co., Lafayette, Ind.
Biggs Boiler Works Co., boilers, tanks, vulcanizers, Case av & Williams, Akron, Ohio. *See adv index at end of book.*
Biggs, D. M., & Co., contractors, 60 Marsh, Boston, Mass.
Biggs, E. W., & Co., tallow, Kansas City, Mo.
Biggs Heating Co., heating contractors, 917 H, N. W., Washington, D. C.
Biggs & Son, contractors, Springfield, Ill.
Biggs, Wm., contractor, Ann Arbor, Mich.
Biggs-Watterson Co., machy. dlrs. & traveling cranes, Guardian Bldg., Cleveland, Oho.
Bigheart Refining Co., petroleum, Tulsa, Okla.
Bigler, S. L. (Est. of), common brick, Harrisburg, Pa.
Biglow, E., Co., brick & tile, New London, Conn.
Bignall Co., machsts. & fndrs., Medina, N. Y.
Bignall & Keeler Machine Works, dies, grinders, pipe & tube mill machy., Edwardsville, Ill.
Bigney, C. I., Construction Co., 75 Westminster, Providence, R. I.
Bigney, E. H., contractor, 17 Custom House, Providence, R. I.
Bigney, Marion E., wood handles, Moores Hill, Ind.
Bigsby-Rotary Mfg. Co., vacuum cleaners, spark plugs, screws, etc., Cleveland, Ohio.
Bihn & Wolff Co., lamp black mfrs., Ash & Almond, Phila., Pa.
Bijur Motor Ltg. Co., igniters, 15th, Hoboken, N. J.
Bikel, Henry F., architect, 3301 Gough, Baltimore, Md.
Bi-Lateral Fire Hose Co., 326 W. Madison, Chicago, Ill.
Bilding, E. W., & Son, contrs., Burlington, Vt.
Bilek, Stephen, Co., embossed mouldings, 2117 S. Troy, Chicago, Ill.
Biles, N. D., & Co., masons' & bldrs.' matls., St. Joseph, Mo.
Bilger, Nicholas, Webbing Co., 315 Vine, Philadelphia, Pa.
Bilger, S. L., contractors, Shamokin, Pa.
Bilgram Machine Wks., gears and gear cutting machinery, 1231 Spring Garden, Philadelphia, Pa.
Bilhorn Bros., organs, 133 W. Lake, Chicago, Ill.
Bill, Bell & Co., flour mills, Ogdensburg, N. Y.
Bill, E. S., machinery dealer, Filtzgerald, Ga.
Bill, H. S., architects, Goyd Bldg., Kansas City, Mo.
Bille, Hans, & Co., sash, door & blind, Marshfield, Wis.
Biller, J., contractor, 110 Jessie, San Francisco, Cal.
Biller, John, contractor, 460 Montgomery, San Francisco, Cal.
Biller & Spawn, cornices, 114 1st, New York.
Billingham Brass & Mach. Co., Trenton, N. J.
Billings,-Brown Co., belt dressing, Cleveland, Ohio.
Billings Canning Co., Billings, Mo.
Billings-Chapin Co., paint mfrs., 1163 E. 40th, Cleveland, Ohio.
Billings, D. L., & Co., pipe hangers, 762 Dudley, Boston, Mass.
Billings Fdry. & Mfg. Co., Billings, Mont.
Billings Hardware Co., Billings, Mont.
Billings Lbr. & Coal Co., sashes, doors, etc., Billings, Mont.
Billings, Paul, & Sons, masons' & bldrs. matls., & mill & facty. supplies, Tunkhannock, Pa.
Billings Poly Inst., engng. schools & coll., Billings, Mont.
Billings Sidewalk & Coal Co., Hartford, Conn.
Billings & Spencer Co., hdwe. mfrs.; machsts. tools; drop forging, etc., Hartford, Conn.
Billings Union Trowel Wks., Irvington, N. J.
Billingsley, R., contractor, Kasota Bldg., Minneapolis, Minn.
Billington, Jas. H., Co., mill & facty. supplies, 113 Chestnut, Philadelphia, Pa.
Billis, O. J., architect, Hitchcock Bldg., Nashville, Tenn.
Billmeyer, A. F., architect, Grand Rapids, Wis.
Billmeyer & Small Co., lumber & sash, door & blinds, York, Pa.
Billow-Firestone Co., spring beds, Columbus, Ohio.
Billquist, T. E., architect, Vandergrift Bldg., Pittsburgh, Pa.
Bills, C. H., architect, Nicholas Bldg., Toledo, Ohio.
Billstrom, Nels J., machinist, Rockford, Ill.
Billups, C., Son & Co., agricultural implements, Norfolk, Va.
Biloxi Canning Co., Biloxi, Miss.
Biltmore Roller Mills, Biltmore, N. C.
Biltmore Wheat Hearts Co., Asheville, N. C.
Bilton Machine Tool Co. (The), gear milling & plain horizontal milling, rivetting & drilling machines; mfrs., Bridgeport, Conn.
Bilt-Well Sign System Elec. Co., 115 E. 15th, New York.
Bimel-Ashcroft Mfg. Co., wagon spokes, Poplar Bluff, Mo.
Bimel-Ashcroft Mfg. Co., wagon spokes, Dermoth, Ark.
Bimel Spoke & Auto. Wheel Co., Portland, Ind.
Binder Bros., common brick, Emaus, Pa.
Binder Elevator & Electric Co., Birmingham, Ala.
Binder, John F., kitchen boilers, 6 W. Lake, Chicago, Ill.
Binder, Wm., architect, Rea Bldg., San Jose, Cal.
Bindley Hdwe. & Mfg. Co., tin plate, metals, etc., Pittsb'gh, Pa.
Binford, Jos., & Sons, masons' & bldrs.' matls., Crawfordsville, Ind.
Bing & Bing Constr. Co., Inc., 119 W. 40th, New York.
Bing Bros., mechl. toys, games, etc., 381 4th av, New York.
Bing, John, churns, alcohol stoves, 381 4th av, New York.
Bingen Brick Co. (Ltd.), South Bethlehem, Pa.
Binger Co., Inc., advtg. signs, 53 W. 23d, New York.
Bingham Bros., masons' & bldrs.' matls., New Ulm, Minn.
Bingham Hdwe. Co., Superior, Wis.
Bingham Harness Co., Rome, N. Y.
Bingham, J. B., packing box mfr., Bennington, Vt.
Bingham, J. F., Mfg. Co., tinware, Lawrence, Mass.
Bingham Last Block Co., Bingham, Me.
Bingham Mills, flour, Talladega, Ala.
Bingham-Shelley Co., contractors, Platt Bldg., Portland, Ore.
Bingham & Taylor, founders, Ellicott sq., Buffalo, N. Y.
Bingham Trunk Co., 39 Mechanic, Buffalo, N. Y.
Bingham, W., Co., whol. hdwe. & mill & facty. supplies, 1278 W. 9th, Cleveland, Ohio.
Binghamton Boiler Compound Co., Binghamton, N. Y.
Binghamton Brick Co., Binghamton, N. Y.
Binghamton Glass Co., Binghamton, N. Y.
Binghamton Hdwe. Spec. Co., Binghamton, N. Y.
Binghamton Mach. Wks., centering machs., Binghamton, N. Y.

Binghamton Mfg. Co., coal chutes, Binghamton, N. Y.
Binghamton Metal & Paper Co., scrap rubber, Binghamton, N. Y.
Binghamton Oil Refg. Co., lubrg., Binghamton, N. Y.
Binghamton Paving Block Co., brick, Binghamton, N. Y.
Bings Weedless Fish Hook Co., 84 Loan & Trust, Milwaukee, Wis.
Binkley Buggy Co., carriages, Tipton, Ind.
Binner, Theo., archl. decorators, 423 14th, San Francisco, Cal.
Binney, Arthur, naval architects, 70 Kilby, Boston, Mass.
Binney-Godfrey Co., fndrs., Kent av, Brooklyn, N. Y.
Binney Machine Wks., Big Rapids, Mich.
Binney & Smith Co., clays, minerals, etc., 81 Fulton, New York.
Binns, Hy., fndrs., Passaic, N. J.
Binns Patent Band Co., tinsel cords, tex. machy (spindle hook bands), 1842 Gtn. av, Philadelphia, Pa.
Binns, Wm. H., machinist, 416 Harrison, San Francisco, Cal.
Binswanger, B., & Co., paint mfrs., 827 N. 3rd, Philadelphia, Pa.
Binswanger & Co., glass, Richmond, Va.
Binswager, H. P., clays, ores, minerals, 203 B'way, New York.
Biograph Co., moving picture films, 807 E. 175th, New York.
Bippus, Jacob, & Son, contrs., Evansville, Ind.
Bippus Tile Co., Bippus, Ind.
Birch & Bassett, masons' & bldrs. matls., Dover, N. J.
Birch & Birch, machs. & fdrs., Crawfordsville, Ind.
Birch Bros., mill & facty. supplies, tex. mchy., Somerville, Mass.
Birch, Hintz Mfg. Co., pumps, vale, 1108 S. Kilbourne av, Chicago, Ill.
Birch, Jas. H., ambulances, carriages, Burlington, N. J.
Birch Mfg. Co., coal chutes & garbage receivers, 1276 Clybourn av, Chicago, Ill.
Birch Motor Car Co., Michigan av, Chicago, Ill.
Birch, S., & Sons Constr. Co., concrete posts, Fargo, N. D.
Birchard Construction Co., contractor, Lincoln, Neb.
Bircher, Geo., fndrs., 716 Cherry, Philadelphia, Pa.
Bird, A. J., lime Rockland, Me.
Bird-Archer Co., boiler compounds, 90 West, New York.
Bird, Christopher, contractor, 95 Greenwood pl, Buffalo, N. Y.
Bird Fastener Co., 225 5th av, New York.
Bird, J. A. & W., & Co., chemical importers & mfrs. agts., 88 Pearl, Boston, Mass.
Bird Japanning Co., tinning & japanning, Boston, Mass.
Bird, Louis Francis, architect, South Orange, N. J.
Bird Machine Co., rotary screens for paper mills, E. Walpole, Mass.
Bird, Milton W., architect, Wenatchee, Wash.
Bird, Rymer Co., gas elect. fixtures, 332 12th, Oakland, Cal.
Bird & Son, building & roofing papers, floor coverings, fibre cases, and special paper products mfrs., E. Walpole, Mass.
Bird, Thos. J., arch'l engrs., 30 E. 42d, New York.
Bird Varnish Co., glue mfrs., 202 Main, Cincinnati, Ohio.
Bird, W. M., & Co., mill & facty. supplies, Charleston, S. C.
Bird-Wilcox Co., welding & cutting apparatus, Atlanta, Ga.
Bird, Wm. E., galvanizing wks., 17 Border, Boston, Mass.
Birdsall Bros. Co., blankets, flannels, woolen, Honesdale, Pa.
Birdsall Engine Co., saw mill machy., Newark, N. J.
Birdsall-Griffith Constr. Co., Racine, Wis.
Birdsall, W. A., & Co., fndrs., 44 Mechanic, Newark, N. J.
Birdsboro Iron & Steel Breaking Co. (Ltd.), scrap iron, Birdsboro, Pa.
Birdsboro Steel Fndry. & Mach. Co., Birdsboro, Pa.
Birdsboro Stone Co., Bulletin Bldg., Phila. & Birdsboro, Pa.
Birdsell Mfg. Co., mfrs. agricultural implements, So. Bend. Ind.
Birdsong, Mason, mchsts., Bolton, Miss.
Birge, Charles E., architect, 29 W. 34th, New York.
Birge, M. H., & Sons Co., wall paper mfrs., Buffalo, N. Y.
Birk, Jno., Co., surgical instruments, 310 S. 3d, Louisville, Ky.
Birkelbach, Frank U., contractor, Richmond Bldg., Phila. Pa.
Birkenmeier & Kuhm Co., whol. hdwe., 529 Clinton av, Newark, N. J.
Birkenstein, S., & Sons, brass ingots, etc., 377 W. Ontario, Chicago, Ill.
Birkett, A. S., mchsts. & fdrs., Clayton, Ill.
Birkett Mills, flour, Penn Yann, N. Y.
Birkle, John A., lumber, Williamsport, Pa.
Birkmeyer, Mescher & Co., brick & tile, Cold Water, Ohio.
Birkmire, Wm. H., architect, 1133 B'way, New York.
Birley, Geo. H., contractor, Hackensack, N. J.
Birmingham Bed Co., Birmingham, Ala.
Birmingham Buggy Co., Birmingham, Ala.
Birmingham Bldg. & Imp. Co., American Trust ldg., Birmingham, Ala.
Birmingham Carriage & Wagon Co., Birmingham, Ala.
Birmingham Fertilizer Co., Birmingham, Ala.
Birmingham Fdry. Co., Birmingham, Ala.
Birmingham Hide & Tallow Co., Birmingham, Ala.
Birmingham, J. Edw., architect, Warburton Bldg., Yonkers, N. Y.
Birmingham Mach. & Fdry. Co., Corliss engines, castings, forgings, etc., Birmingham, Ala.
Birmingham Metal Products Co., Birmingham, Ala.
Birmingham Packing Co., Birmingham, Ala.
Birmingham Paint & Glass Co., Birmingham, Ala.
Birmingham Rail & Locomotive Co., Birmingham, Ala.
Birmingham Saw Works, Birmingham, Ala.
Birmingham Slag Co., Jeff. Co. Bk. Bldg., Birmingham, Ala.
Birmingham Stove & Range Co., Birmingham, Ala.
Birmingham Supply Co., masons' & bldrs. matls., S. 17th, Ptg., Pa.
Birmingham Trunk Factory, Birmingham, Ala.
Birmington Iron Fndry., Derby Conn.
Birnbaum Bros. & Sack, scrap tin, rubber & brass, 133 Roosevelt, New York.
Birnbaum, Wm., smoking pipes, 67 Nassau, New York.
Birnie & Diack, granite, S. Quincy, Quincy, Mass.
Birnie Paper Co., envelopes, Springfield, Mass.
Birt Bros., lumber, Burkettsville, Ohio.
Birtman, C. F., elec. hair dryers, 163 N. Wabash av, Chicago, Ill.
Birtman Elec. Co., 1422 W. Randolph, Chicago, Ill.
Birtwell, H. B., mchy. dlrs., Chester, Pa.
Birtwell, W. L., machy. dlrs., Philadelphia, Pa.
Birtwistle, E. S., aluminum solder, 358 6th av, Newark, N. J.
Bisbee, Henry V., architect, Fairhaven, Mass.
Bisch, Geo. F., mchsts., Springfield, Ill.
Bischof, Wm., Sr., masons' & bldrs. matls., Nebraska City, Neb.
Bischoff, C., & Co., chemical, color, & gelatine imptrs. & mfrs., 451 Washington, New York.
Bisco, M. B., architect, 1st National Bank Bldg., Colorado Springs, Colo.
Biscoe, M. B., architect, Exchange Bldg., Denver, Colo.
Bisenius, G. L., Trunk Co., 360 Jackson, St. Paul, Minn.
Biser, G. W., canned goods, Berkeley Springs, W. Va.
Biset Brick Co., South River, N. J.
Bishop-Babcock-Becker Co., bottlers' machinery, vacuum pumps, etc., Cleveland, Ohio.
Bishop Bros., contractors, Northampton, Mass.
Bishop Bros. Quarry Co., Quincy, Mass.
Bishop Calculating Recorder Co., 233 B'way, New York.
Bishop, Chas., granite, S. Quincy, Quincy, Mass.
Bishop & Co., canned goods, Los Angeles, Cal.
Bishop, Dexter L., Co., lumber, Meriden, Conn.
Bishop & Dickinson, rattan furniture, Baldwinsville, Mass.
Bishop, E. K., Mill Co., lumber, Montesano, Wash.
Bishop, Geo. H., laundry mchy., 550 W. Washington, Chicago, Ill.
Bishop, George H., & Co., saws, Lawrenceburg, Ind.
Bishop Gutta-Percha Co., 420 W. 25th, New York.
Bishop, H. A., contractor, 208 S. La Salle, Chicago, Ill.
Bishop & Hagermann Co., buttons, Muscatine, Ia.
Bishop Hardware Co., Dowagiac, Mich.
Bishop, J. B., granite producers, Milford, N. H.
Bishop, J., & Co., electrodes, incinerators, platinum, etc., Malvern, Pa.
Bishop, J. H., Co., carriage robes, Wyandotte, Mich.
Bishop, J. W., Co., general building contractors, 101 Park av, New York, 683 Atlantic av & 109 Foster, Worcester, Mass.
Bishop, John H., contractors, 171 John, Bridgeport, Conn.
Bishop, Jos., granite, S. Quincy, Quincy, Mass.
Bishop, J. W., Co., gln. bldg. contrs., 101 Park av, New York & 109 Foster, Worcester, Mass.
Bishop Ladder Co., Hartford, Conn.
Bishop Leonard H., architect, Westhampton, N. Y.
Bishop & Lynes, masons' materials, Norwalk, Conn.
Bishop, R. & B., granite, Quincy, Mass.
Bishop, Robert, Mfg. Co., carpet linings, cotton & machine wipers, 157 W. 6th, Boston, Mass.
Bishop, Thos. R., architect, 35 S. Dearborn, Chicago, Ill.
Bishop, W. S., elec. plating dynamos, New Haven, Conn.
Bishopric Mfg. Co., wall board & roofing, 1415 Este av, Cincinnati, Ohio.
Bishopric Products Co., brewers' pitch, Spring Grove & Este av, Cincinnati, Ohio.
Bishopp Hominy Co., Sheldon, Ill.
Bishop's, William, Sons, marine plumbing fixtures, 724 3d av, Brooklyn, N. Y.
Bishops, Wm., Sons, pumps, ship vents., etc., 18 James, New York.
Bismarck Mill Co., lumber mfrs., Tacoma, Wash.
Bison Mfg. Co., cutlery mfrs., Little Valley, N. Y.
Bison Storage Battery Co., 38 Riley, Buffalo, N. Y.
Bissell Carpet Sweeper Co., carpet sweepers, 210 Erie, N. W., Grand Rapids, Mich.
Bissell, E. W., lbr., Rutland, Vt.
Bissell, Edw. J., potato scoops, Milford, Mich.
Bissell & Erter, tile & brick, Cecil, O.
Bissell, F., Co., electrical supplies, Toledo, Ohio.
Bissell, Frank H., architect, 567 5th av, New York.
Bissel, L. B., architect, North Yakima, Wash.
Bissell & Sinkler, architects, Otis Bldg., Philadelphia, Pa.
Bissett, R. G., steamfitters' supplies, Guardian Bldg., Cleveland, Ohio.
Bisson & Jodoin, cornices & skylights, 124 Franklin, Manchester, N. H.
Bisson, P., & Son, stone producers, Athens, Ga.
Biswanger, C., Theo., architect, 411 Walnut, Philadelphia, Pa.
Bitoslag Paving Co., 90 West, New York.
Bittel, Wm., mill & facty. supplies, Peoria, Ill.
Bittenbender Co., whol. hdwe., mill & facty. supplies, contrs. & machsts.' tools, Scranton, Pa.
Bittenbender, Geo. H., & Son, machsts., Plymouth, Pa.
Bittenbender, W. W., & Co., machsts., Nanticoke, Pa.
Bitter, Jos., cornices, Sandusky, Ohio.
Bitterman, E., cornices & skylights, Lexington, Ky.
Bittinger, E. M., lime, Bittinger, Pa.
Bitting, Edward R., architect, South Bethlehem, Pa.
Bittles, Raser, handles, Greencastle, Ind.
Bittner, G. C., Co., almond meal, Toledo, Ohio.
Bittner, Louis, Lumber Co., Bellevue, Iowa.
Bittner Slate Co., roofing slate mfrs., Allentown, Pa.

Bitu-Mortar Waterproofing Co., 340 E. 27th, New York.
Biturine Co., paints & enamels, 24 California, San Francisco, Cal.
Bitzer, Chas., & Son, sweaters, cardigans, etc., 2513 E. Fletcher, Philadelphia, Pa.
Biwabik Mining Co., iron ores, Youngstown, Ohio.
Bix Janitor Supply Co., 119 Pine, St. Louis, Mo.
Bixby, B. B., architect, 641 Crocker, Los Angeles, Cal.
Bixby, Curtis W., architect, 8 Beacon, Boston, Mass.
Bixby, E. M., & Son, masons' & bldrs.' matls., Poultney, Vt.
Bixby, S. M., & Co., shoe blacking & polishes, 46th & 2d av, Brooklyn, N. Y.
Bixler Coal & Coke Co., Fulton Bldg., Pittsburgh, Pa.
Bixler, J. P., & Sons, masons' & bldrs.' matls., Carlisle, Pa.
Bixler, Wm. H., fertilizer mfrs., Hagerstown, Md.
Bizzozero, E., granite, W. Quincy, Quincy, Mass.
Bjorge, Chas. N., architect, Grand Forks, N. D.
Bjork Bros., contractors, 3811 Forest av, Chicago, Ill.
Bjorling, E. E., architect, Newhouse Bldg., Salt Lake City, Utah.
Bjorlund, Chas. A., contractor, 682 Dewey, Bridgeport, Conn.
Bjornson Sheet Metal Wks., cornices & skylights, Omaha, Neb.
Bjur Bros., pianos, Whitlock & Leggett avs, New York.
B. & K. Mfg. Co., drop forgings, New Britain, Conn.
Blabon, Geo. W., Co., linoleum mfrs., 21st & Hunting Pk. av, Philadelphia, Pa.
Blaby, Joseph H., architect, Palmyra, N. Y.
Black, A. S., burning brands, stencils, etc., 206 Longworth, Cincinnati, Ohio.
Black, A. W., & Son, architects, Security Bldg., St. Louis, Mo.
Black Bear Co., boiler compounds, 138 Temple, Long Island City, N. Y.
Black & Boyd Mfg. Co., iron, bronze, 432 E. 23d, New York.
Black Bros., flour, Beatrice, Neb.
Black Bros. Machinery Co., machsts. & fndrs., Mendota, Ill.
Black Builders' Supply Co., Marietta, Ga.
Black Cat Polish Co., 34 Washington, Buffalo, N. Y.
Black-Clawson Co., paper mill machinery, Hamilton, Ohio.
Black Construction Co., contractors, 20 W. Jackson blvd, Chicago, Ill.
Black & Coulter Co., contractors, Columbia, S. C.
Black & Decker Mfg. Co., machinery mfrs., Baltimore, Md.
Black Diamond Co., trade publication, 431 S. Dearborn, Chicago, Ill.
Black Diamond Granite Co., St. Cloud, Minn.
Black Diamond Mfg. Co., paint mfrs., belt dressing, etc., 1219 Bank, Cincinnati, Ohio.
Black Diamond Paint & Varnish Wks., 1219 Bank, Cincinnati, O.
Black Diamond Powder Co., Pittston, Pa.
Black Diamond Ribbon & Carbon Co., Rochester, N. Y.
Black Diamond Saw & Machine Wks., Natick, Mass.
Black Diamond Spad Co., mfrs. miners' spads, Box 414, Richmond, Va.
Black Eagle Carriage Mfg. Co., Great Falls, Mont.
Black Furnace Co., Mount Vernon, Ohio.
Black & Gay, Cameras, Inc., Thomaston, Me.
Black, Geo., architect, Pawlet, Vt.
Black, W. H., & Son, contractor, Youngstown, Ohio.
Black Hdwe. Co., who. hdwe., Galveston, Tex.
Black Hawk Brick Co., Davenport, Ia.
Black Hawk Construction Co., Waterloo, Ia., & Freeport, Ill.
Black Hawk Fdy. & Mach. Co., Black Hawk, Colo.
Black Hawk Mfg. Co., machsts. & fndrs., Waterloo, Ia.
Black Hills Lime Co., Pringle, S. D.
Black, J. B., Co., machsts. & edge tools, Chester, Pa.
Black, J. C., & Co., machsts. & fndrs., Keene, N. H.
Black, J. Fred, architect, Middleboro, Mass.
Black, J. S., granite prod., Vinalhaven, Me.
Black, Jas., Masonry & Contracting Co., Wright Bldg., St. Louis, Mo.
Black, Jno., stone producer, Harrisburg, Pa.
Black, John H., Co., masons' & bldrs.' matls., Builders' Exch., Buffalo, N. Y.
Black, K. L. & Co., Inc., contrs., 110 N. 7th, Richmond, Va.
Black, Lee, architect, Lansing, Mich.
Black, M. J., & Sons, flour mills, Athens, Ala.
Black, Neill, lbr., Manchester, N. C.
Black, P. F., Co., carriages, 2361 E. 14th, Cleveland, Ohio.
Black Planing Mill Co., 220 No. Church, West Chester, Pa.
Black Products Co., core compounds & flour, 135th & Calumet av, Chicago, Ill.
Black River Falls Lumber & Mercantile Assn., masons' & bldrs.' matls., Black River Falls, Wis.
Black, Robt., & Co., lbr. mfrs., Bay City, Mich.
Black Rock Mfg. Co., machinists, Bridgeport, Conn.
Black, S. C., architect, Chemical Bldg., St. Louis, Mo.
Black & Sell, contrs., 136 Cantoma, Pittsburgh, Pa.
Black Silk Stove Polish Works, Sterling, Ill.
Black, Sivalls & Bryson, tanks, Bartlesville, Okla.
Black Steel & Wire Co., Kansas City, Mo.
Black, Warren G., Oil Co., Century Bldg., Cleveland, Ohio.
Black, Wm. B., contractor, 966 S. West Temple, Salt Lake City, Utah.
Black-Woods Mfg. Co., machinists, Peoria, Ill.
Blackall, Clapp & Whittemore, architects, 20 Beacon, Boston, Mass.
Blackburn, John H., & Son, contractors, Staunton, Va.
Blackburn, J. T. D., masons' & bldrs. matls., Albany, N. Y.
Blackburn-Smith Corp., The, feed-water filter, 107 W. 40th, New York.
Blackburn, S. P., & Co., mill & facty. supplies, 287 Atlantic av, Boston, Mass.
Blackburn Spec. Co., auto. locks, 3409 Perkins av, Cleveland, O.
Blackburn Varnish Co., Dana & Flora Evanston, Cincinnati, O.
Blacker & Shepard Co., lumber, 409 Albany, Boston, Mass.
Blackley, L. J., contractor, Lockport, N. Y.
Blackfoot Farmers' Milling Co., Ltd., flour, Blackfoot, Idaho.
Blackford, W. S. & A. V., mill & facty. supplies, Bonaparte, Ia.
Blackford Window Glass Co., Vincennes, Ind.
Blackfox Brick Co., fire, 111 Market, Pittsburgh, Pa.
Blackhall Mfg. Co., machinery, 196 Seneca, Buffalo, N. Y.
Blackinton, R., & Co., silver nov., N. Attleboro, Mass.
Blackinton, V. H., & Co., emblems & badges, Attleboro Falls, Mass.
Blackiston Canning Co., Clayton, Del.
Blackledge, H., & Co., contractors, 25 Seventh, Norwich, Conn.
Blackman, C. A., & Co., lumber, Everett, Wash.
Blackman Sheet Metal Works, Des Moines, Ia.
Blackman, W. B., architect, Danbury, Conn.
Blackmer Cut Glass Co., New Bedford, Mass.
Blackmer & Post Pipe Co., vitrified sewer pipe, Boatmen's Bank Bldg., St. Louis, Mo.
Blackmer Rotary Pump Co., Petoskey, Mich.
Blackmone Mfg. Co., mattresses, 309 S. Main, St. Louis, Mo.
Blackmore, John, machinist, Painesville, Ohio.
Blackshear Mfg. Co., fertilizer, Blackshear, Ga.
Blacksher Co., lumber, Mobile, Ala.
Blacksmith & Wheelwright, trade publication, 71 Murray, New York.
Blackstone Braid Co., shoe laces, Central Falls, R. I.
Blackstone Guano Co., fertilizer mfrs., Blackstone, Va.
Blackstone Lumber & Mfg. Co., sash, door & blind, Blackstone, Va.
Blackstone Mach. Co., Pawtucket, R. I.
Blackstone Mfg. Co., cotton sheetings, 50 S. Main, Providence, R. I.
Blackstone Mfg. Co., washing machines, Jamestown, N. Y.
Blackstone Plow Wks., Blackstone, Va.
Blackstone Reed & Harness Co., 41 Bayley, Pawtucket, R. I.
Blackstone & Smith, contractors, Portland, Me.
Blackwell & Baker, architects, Northern Bk. & Trust Bldg., Seattle, Wash.
Blackwell Brick Co., Blackwell, Okla.
Blackwell, F. E., advtg. nov. & spec., 630 Mission, San Francisco, Cal.
Blackwell L'br. Co., Coeur D'Alene, Idaho.
Blackwell Milling & Elevator Co., flour, Blackwell, Okla.
Blackwell, P. A., & Co., whol. hdwe. & mill & facty. supplies, Henderson, Ky.
Blackwood & Nelson, architects, Lackawanna Bldg., Scranton, Pa.
Blade Printing & Paper Co., Toledo, Ohio.
Bladen Tie & Lumber Co., Brunswick, Ga.
Blades, J. B., Lumber Co., Newbern, N. C.
Blaettnar's, M., Sons, carriages, Pomeroy, Ohio.
Blagden, Wendell D., architect, 15 W. 38th, New York.
Blaich, Alfred O., Co., case hardening compounds, 1956 Clybourn av, Chicago, Ill.
Blaisdell, S., Jr., Co., cotton waste, Chicopee, Mass.
Blaikie, Edwin K., architect, 67 Milk, Boston, Mass
Blaine Bros. & Krasnov, 25 W. 20th, New York.
Blaine-Mackay-Lee Co., flour mills, North East, Pa.
Blaine Shingle Co., lumber, Blaine, Wash.
Blair, Albert E., architect, Lawrence, Kans.
Blair, Alexander, architect, Macon, Ga.
Blair, Alegernon, contractor, Montgomery, Ala.
Blair, D., & Bros., common brick, Stanton & Black, Pittsb'gh, Pa.
Blair, Edgar, architect, 1426 Jackson, Seattle, Wash.
Blair Engineering Co., 343 So. Dearborn, Chicago, Ill.
Blair, H. Crawford, archl. wood turning, 40 Clifford, Providence, R. I.
Blair Horse Collar Co., Blair, Neb.
Blair, J. C., Co., pads, Huntingdon, Pa.
Blair, J. F., cornices & skylights, Concordia, Kans.
Blair, J. H., architect, Boothbay, Me.
Blair, J. & J., Lumber Land Co., Placerville, Cal.
Blair, J. M., Brick Co., 409 Johnston Bldg., Cincinnati, Ohio.
Blair, J. T., Co., metal polish, Nashville, Tenn.
Blair L. R., Inc., universal joints, 50 Church, New York.
Blair Limestone Co., Pittsburgh, Pa.
Blair Mfg. Co., lbr., Camden, N. J.
Blair Mfg. Co., mchsts., Springfield, Mass.
Blair Milling Co., flour, Atchison, Kans.
Blair Mills, damasks, cotton, Belton, S. C.
Blair Motor Truck Co., Newark, Ohio.
Blair & Son, mchsts. & fndrs., Waukesha, Wis.
Blair Tool & Mach. Wks., 521 Greenwich, New York.
Blair Veneer Co., chair seats, North Troy, Vt.
Blair, W. F., contrs., Waynesburg, Pa.
Blair, W. H., architect, Janesville, Wis.
Blair, Walter D., architect, 597 5th av, New York.
Blairsville Enamel Ware Co., mchsts. & fndrs., Blairsville, Pa.
Blairsville Mach. Co., Blairsville, Pa.

Blairsville Sanitary Co., lavatories, Blairsville, Pa.
Blaisdel, Wm. E., architect, Toppenish, Wash.
Blaisdell, Frank M., architect, Little Rock, Ark.
Blaisdell Machine Works, machinists, Vineland, N. J.
Blaisdell Mchy. Co., mchsts. & fdrs., Bradford, Pa.
Blaisdell Milling Co., feed, 204 Met. Natl. Bank Bldg., Minneapolis, Minn.
Blaisdell, N., & Sons, ship bldrs., Bath, Me.
Blaisdell, Nathaniel, architect, 255 California, San Fran., Cal.
Blaisdell Paper Pencil Co., 141 Berkeley, Philadelphia, Pa.
Blaisdell, S. S., Mach. Co., 228 Aborn, Providence, R. I.
Blaisdell, W. B., & Co., granite, Franklin, Me.
Blak, Edward, mica, Newdale, N. C.
Blake Car Step Wks., Charlotte, N. C.
Blake-Carroll Construction Co., American Trust Bldg., Birmingham, Ala.
Blake, Chas. G., & Co., granite columns & mausoleum, 108 So. La Salle, Chicago, Ill.
Blake Const. Co., contrs., Appleton, Wis.
Blake, Edgar O., architect, 621 Davis, Evanston, Ill.
Blake, Edwin J., fndrs., Hartford, Conn.
Blake Elec. Mfg. Co., light switchboards, 1 Rowes Wharf, Boston, Mass.
Blake & Engle, contractors, Law Bldg., Baltimore, Md.
Blake, Frank W., lumber mfrs., Norfolk, Va.
Blake, G. F., Mfg. Co., mchsts. & fdrs., 200 Devonshire, Boston, Mass.
Blake, Geo. F., Jr., & Co., wholesale hardware, Worcester, Mass.
Blake, H. A., & Son, mchsts. & fdrs., Cheboygan, Mich.
Blake, H., & Son, turbine water wheels, East Pepperell, Mass.
Blake & Higgins, paper mills, Bellows Falls, Vt.
Blake, J. M., & Son, wagons, Buffalo, N. Y.
Blake & Johnson Co., bolt, nut, rivet, screw & screw machine products, etc., mfrs., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book.
Blake, John T., contractor, Madison, Wis.
Blake & Knowles Steam Pump Wks., 115 B'way, New York.
Blake-McFall Co., pads & tablets, Portland, Ore.
Blake Mfg. Co., name plates, Springfield, Mass.
Blakemore Constructions Co., contrs., New Orleans, La.
Blake Pump & Condenser Co., Fitchburg, Mass.
Blake Signal & Mfg. Co., 251 Causeway, Boston, Mass.
Blake Specialty Co., castings, couplings, ferrules, plugs, traps, etc., Rock Island, Ill.
Blake, T. E., architect, 52 Vanderbilt av, New York.
Blake, W. L., & Co., gasoline & kerosene engines, mill, factory, plumbers', steam & gasfitters' supplies, jobbers, Portland, Me.
Blakley Engine Co., rowboat motors, Muskegon, Mich.
Blakely, John, & Son, cotton mops, 1089 Germantown av, Philadelphia, Pa.
Blakeley, Geo. C. S., Son, brick, Lynn, Mass.
Blakeley Oil & Fertilizer Co., Blakeley, Ga.
Blakely, W. W., boring tools, 100 Leicester ct, Detroit, Mich.
Blakeman, Chas., & Sons, pearl buttons, 236 Bank, Newark, N. J.
Blakeman, Fredk. T., architect, 1 B'way, New York.
Blakemore, R. F., cornices & skylights, Fayetteville, Tenn.
Blaker, J. L., concrete cars, Blaker Mills, W. Va.
Blakeslee, C. W., & Sons, contractors, 58 Waverly, New Haven, Conn.
Blakeslee Forging Co., carriage hardware, forgings, etc., Plantsville, Conn.
Blakeslee, G. S., & Co., smoked beef shavers, 2856 Quinn, Chicago, Ill.
Blakeslee Lumber Co., sash, door & blind, Pittsfield, Mass., & Albany, N. Y.
Blakeslee Mfg. Co., mchsts. & fdrs., Du Quoin, Ill.
Blakesley Novelty Co., cotton sleeving, Bristol, Conn.
Blakey-Clark Hardware Co., Ennis, Tex.
Blalock-Allen Hardware Co., Wadesboro, N. C.
Blanch Bros., contractors, Conshohocken, Pa.
Blanchard, A. H., cornices & skylights, Sacramento, Cal.
Blanchard Bros., advtg., nov., & spec., 19th, Brooklyn, N. Y.
Blanchard Bros., granite, Uxbridge, Mass.
Blanchard Bros., cornices & skylights, Napoleonville, La.
Blanchard Bros. & Lane, patent leather, 20 Bruen, Newark, N. J.
Blanchard Bros. Granite Co., Linwood, Mass.
Blanchard, Brown Co., contractors, 660 Market, San Fran., Cal.
Blanchard Building Co., contrs., 601 Rubold Bldg., Dayton, O.
Blanchard, Geo. W., & Co., masons' & bldrs. matls., Winchester, Mass.
Blanchard, Humber & Co., fertilizer, Columbus, Ga.
Blanchard, Huse Templeton, architect, 15 E. 40th, New York.
Blanchard, Isaac H., Co., advtg. spec., 418 W. 25th, New York.
Blanchard, James A., Co., insecticides, 30 Church, New York.
Blanchard & Kelly, elec. & gas light fixtures, 157 E. 128th, New York.
Blanchard Lumber Co., 126 State, Boston, Mass.
Blanchard Machine Co., high power vertical surface grinders, mfrs., Cambridge, Mass.
Blanchard Mfg. & Canning Co., Eastport, Me.
Blanchard, Wm. L., Co., contractors, 45 Poinier, Newark, N. J.
Blanchardville Lumber Co., Blanchardville, Wis.
Blanck, A. E., contractor, Battle Creek, Mich.
Blancke, A. C., & Co., steels, 116 S. Michigan av, Chicago, Ill.
Blancke, L. C., Co., Inc., drills, taps & tool steel, 10 Thomas, New York.
Bland, J. F., Flour Mills, Cologne, Va.
Bland, Jas. F., cross ties, Mayesville, S. C.
Bland, Jeff, Lbr. & Bldg. Co., Houston, Tex.
Bland, John I., & Co., contractors, Harrison Bldg., Phila., Pa.
Blandin Co., bobbin painting machs. & mill & facty. supplies, Lawrence, Mass.
Blanding, H. O., architect, Corsicana, Texas.
Blandon Rolling Mills, Blandon, Pa.
Blandy Paper Co., cardboard, Schuylerville, N. Y.
Blaney, Cyril C., babbit metal, 16 Kingston, Boston, Mass.
Blank & Gottschall, flour mills, Sunbury, Pa.
Blanke Mfg. & Supply Co., 3d & Wash av, St. Louis, Mo.
Blanke, W. F., Can & Mfg. Co., 116 Pine, St. Louis, Mo.
Blanke & Zink, architects, Equitable Bldg., Baltimore, Md.
Blanks, J. C., flour mills, Woodbury, Tenn.
Blanton Milling Co., flour, Indianapolis, Ind.
Blasauf, John, machinist, 81 City Hall, San Francisco, Cal.
Blase, Hans, cantractor, 5019 Pensacola av, Chicago, Ill.
Blaser Auto Body Co., Fostoria, Ohio.
Blaser, E. G., brick & tile, Upper Sandusky, Ohio.
Blaisier-Sanborn Mfg. Co., fndrs., Utica, N. Y.
Blasius Piano Co., Woodbury, N. J.
Blasius & Sons, pianos, 40 S. 16th, Philadelphia, Pa.
Blassberg, M., mchsts. & fdrs., Turners Falls, Mass.
Blast Furnace & Steel Plant, trade publication, 108 Smithfield, Pittsburgh, Pa.
Blatch, N. S., Inc., contr., 50 E. 42d, New York.
Blatchford Calf Meal Co., Waukegan, Ill.
Blatchford, E. W., Co., antimony, pipe, metals, etc., 230 N. Clinton, Chicago, Ill.
Blatchley, Burton N., contractor, 902 Chapel, New Haven, Conn.
Blatt, S. & Co., elec. & gas light fixtures, 49 Elizabeth, New York
Blattner, Fred'k, machsts., 223 Maujer, Brooklyn, N. Y.
Blatz, Val, Paint & Varnish Co., Louisville, Ky.
Blauvelt Knitting Co., 280 Pine, Newark, N. J.
Blauvelt Wiley Paper Mfg. Co., 135 Charlton, New York.
Blaw, Knox, Co., pressed & welded steel, iron poles & transmission towers, Farmers Bank Bldg., Pittsburgh, Pa.
Blaw Steel Construction Co., Hoboken, Pa.
Blayer, Chr., cornices, 161 W. 145th, New York.
Bleadon-Dun Co., surgical instruments, 15 S. Desplaines, Chicago, Ill.
Bleaman & Berg, bags and suit cases, 246 Spring, Paterson, N. J.
Bleazby Bros., toys, games & nov., 337 Woodward av, Detroit, Mich.
Blecher Bros., cornices, 43 1st, New York.
Blecher Bros. Co., cornices, 49 Northend av., Brooklyn, N. Y.
Blecher, Louis, architect, 1524 Winfield, Los Angeles, Cal.
Blechner's, Albert, Sons, cornices, 677 Bergen av, New York.
Bleck, Wm. F., Co., sash, door & blind mfrs., 1846 N. Lamon av, Chicago, Ill
Bleckley, Haraison, architect, Esqking Bldg., Atlanta, Ga.
Blee, John F., architect, Union League Bldg., Los Angeles, Cal.
Bleecker, Aug., & Son, boat anchors, 5 Jones la, New York.
Bleecker, Rutger, & Co., peanut oils, 87 Wall, New York.
Bleecker, Wm. R., Oil Co., Albany, N. Y.
Blefgen, Hy. J., cornices, 868 N. 4th, Philadelphia, Pa.
Blehdon, V. R., tow, curled hair, Brisbane Bldg., Buffalo, N. Y.
Bleie, David, architect, 2339 Morris av, New York.
Bleier Contracting Co., Heath & Day, Boston, Mass.
Blendinger, Fred A., 824 O'Hara, Pittsburgh, Pa.
Blepp Knitting Works, sweaters, cardigans, etc., 6824 Superior av, Cleveland, Ohio.
Biesanz, Philip, brick, Winona, Minn.
Blesanz Stone Co., Winona, Minn.
Bleser, Jacob, machinist, Springfield, Ill.
Blesh, Alex., contractor & architect, Lock Haven, Pa.
Bless & Drake, founders, 175 N. J. R. R. av, Newark, N. J.
Blessing, C. A., plumbers' supplies, jobbers, 516 Montgomery av, Philadelphia, Pa.
Blessing, Emil K., musical instruments, Elkhart, Ind.
Blethen, Hugh R., hoists, traveling cranes, air compressors, etc., 21 Park row, New York.
Blevney Mach. Co., grinding & polishing & finishing machines, also friction clutches, Greenfield, Mass.
Blewett, Geo. A., architect, Endicott Bldg., St. Paul, Minn.
Bleyer, Alfred, & Co., paper dishes, plates, etc., 229 West, New York.
Bleyle Elec. Co., 84 Courtlandt, New York.
Blichert, P. A., Mfg. Co., shoe blacking, 190 13th, Jersey City, N. J.
Blick, Jos. J., architect, Pasadena, Cal.
Blickensderfer Mfg. Co., machsts. & fndrs., typewriters, Stamford, Conn.
Blickman, S., sheet metal stamping, 199 Lafayette, New York.
Bliesener, W. J., machinists, Rock Island, Ill.
Blight, Sons & Co., caps, blasting fuse, Eagle River, Mich.
Blinn, L. W., Lbr. Co., Los Angeles & Pasadena, Cal.
Blintner & Lawson, sashes, doors & blinds, 160 Western, Minneapolis, Minn.
Blish, F. T., Hardware Co., South Manchester, Conn.
Blish Milling Co., wheat flour, Seymour, Ind.
Blish, Mize & Silliman Hardware Co., Atchison, Kan.
Bliss, A. H., & Co., brass chains, North Attleboro, Mass.
Bliss, A. L., Lumber Co., 1107 Lbr. Exch., Minneapolis, Minn.
Bliss Bros., hdwe. mfrs. (marine), 170 Commercial, Boston, Mass.

Bliss-Chester Co., wire connectors, sheet metal stamping, etc., 31 Mathewson, Providence, R. I.
Bliss, Cook Oak Co., lumber, Blissville, Ark.
Bliss, E. A., Co., table silverware, Meridean, Conn.
Bliss, E. C., Mfg. Co., plating wks., etc., 73 Page, Providence, R. I.
Bliss, E. W., Co., sheet metal working machinery mfrs., 19 Adams, Brooklyn, N. Y. *See adv index at end of book.*
Bliss, John, & Co., nautical instruments, etc., 128 Front, New York.
Bliss & Laughlin, machinists, Harvey, Ill.
Bliss & Lavelle, architects, 274 Main, Springfield, Mass.
Bliss, R., Mfg. Co., wooden clamps, mallets & wood turnings, 525 Main, Pawtucket, R. I. *See adv index at end of book.*
Bliss School of Electricity, Washington, D. C.
Bliss Supply Co., steam fitters' supplies, 815 Long av, Cleveland, Ohio.
Bliss, Walter D., archits., Balboa Bldg., San Francisco, Cal.
Bliss & Van Auken, lbr. mfrs., Saginaw, Mich.
Blissfield Motor Works, machsts. & fndrs., Blissfield, Mich.
Blitch, T. N., turpentine, Blitchton, Ga.
Blithe, Wesley L., architect, 608 Chestnut, Philadelphia, Pa.
Blitz Bros., show cases, 450 N. Hermitage av, Chicago, Ill.
Blitz, L., crude rubber, 4 Stone, New York.
Bliven & Carrington, lubrg. oils, 29 Moore, New York.
Bloch, Ben, Co., archit., 500 5th av, New York.
Bloch Bros., carriages, Mobile, Ala.
Bloch Bros., machinery dlrs., Selma, Ala.
Bloch Go-Cart Co., invalid chairs, toys, etc., 1136 N. Am. Bldg., Philadelphia, Pa.
Bloch & Hesse, architects, 500 5th av, New York.
Bloch, Jos., sponges, chamois, 51 Cliff, New York.
Bloch, Jos., Co., cornices, 90 Bushwick av, Brooklyn, N. Y.
Bloch, L. D., & Co., paper shades, 157 5th av, New York.
Blocher, D., & Co., fertilizer mfrs., Gettysburg, Pa.
Block Chemical Works, Berkeley Heights, Newark, N. J.
Block & Diemer, architects, Mercantile Bldg., Rochester, N. Y.
Block Gas Mantle Co., thorium nitrate, arc lamps, etc., Youngstown, Ohio.
Block, H. & L., leather gloves, 149 2nd, San Francisco, Cal.
Block, I., & Son, stoves, ovens, etc., 393 Pearl, New York.
Block, Jules, Junk Co., Houston, Tex.
Block, Mandel & Co., plumbers' supplies, 1151 W. 12th, Chicago, Ill.
Block, W. G., Co., masons' & bldrs.' matls., Davenport, Ia.
Blocki-Brennan Refining Co., paints for coating & preserving iron & steel, masons' & bldrs.' matls., 11 N. La Salle, Chicago, Ill.
Blocki, F., Co., agricultural implements, Sheboygan, Wis.
Blocksidge, Jas., glass stainers, 2 High, Albany, N. Y.
Blockson Bros. Construction Co., Marion, Ohio.
Blodgett, B. F., & Co., celluloid combs, Leominster, Mass.
Blodgett & Clapp Co., whol. hdwe., & mill & facty. supplies, 1417 Main, Hartford, Conn.
Blodgett Clock Co., 261 Franklin, Boston, Mass.
Blodgett Const. Co., contractors, Midland Bldg., Kansas City, Mo.
Blodgett, G. S., Co., ovens, Burlington, Vt.
Blodgett, L. M., contractor, 1521 S. Central av, Los Angeles, Cal.
Blodgett Milling Co., buckwheat & rye flour, Janesville, Wis.
Blodgett & Orswell Co., cotton thread, Pawtucket, R. I.
Bloede, Victor G., Co., dextrine, Caton av, Baltimore, Md.
Blohm, Chas. H., cornices, 1120 Emmet, St. Louis, Mo.
Blohme, J. Harry, architect, Alaska Com'l Bldg., San Francisco, Cal.
Blohme Milling Co., flour, Charleston, S. C.
Bloker Lumber Co., Lindsey, Ohio.
Blom, Peter H. C., soap, Keokuk, Iowa.
Blome, R. S., contractor, 139 N. Clark, Chicago, Ill.
Blome-Sinek Co., contractors, gen'l., 139 N. Clark, Chicago, Ill.
Blonck, W. A., & Co., boiler efficiency meters, 343 S. Dearborn, Chicago, Ill.
Blondin, Edward A., architect, 4 W. Garfield blvd., Chicago, Ill.
Blondin, L. S., granite, Waterbury, Vt.
Blood Bros. Machine Co., machsts. & fndrs., Allegan, Mich.
Blood, L. A., architect, 2246 Morgan av, Morgan Park, Ill.
Blood, T. L., & Co., paints for coating, wood fillers, 413 Wacouta, St. Paul, Minn.
Bloodgood & Sugarman, archits., 681 5th av, New York.
Bloodgood, Wm. E., architect, 681 5th av, New York.
Bloom, Alfred, Co., sashes, doors & blinds, Omaha, Neb.
Bloom Auto Spec. Co., Tiffin, Ohio.
Bloom-Burns Mfg. Co., machinists, Freeport, Ill.
Bloom Flusher Co., 18 Cherlotte, Tiffin, Ohio.
Bloom & Godley Co., mattresses, Trenton, N. J.
Bloom, Henry, contractor, Beaver Falls, Pa.
Bloom, J. F., & Co., stone, Omaha, Neb.
Bloom Mfg. Co., agricultural implements, Nashua, Ia.
Bloom, Percy, & Co., cornices, 205 Washington, Brooklyn, N. Y.
Bloom, W., & Co., scrap iron, Williamsport, Pa.
Bloomberg, Sam'l, glass, Hoboken, N. J.
Bloomdale Tile & Brick Co., Bloomdale, Ohio.
Bloomer, E., & Co., cornices, 530 E. 39th, Chicago, Ill.
Bloomer Lime Co., 406 E. 149th, New York.
Bloomer Mach. Wks., Bloomer, Wis.
Bloomer Mill Co., flour, Bloomer, Wis.
Bloomfeldt & Rapp, machinists, 108 N. Jefferson, Chicago, Ill.
Bloomfield Brick Co., Bloomfield, Ind.
Bloomfield Clay Co., Metuchen, N. J.
Bloomfield Coal & Supply Co., masons' & bldrs.' matls., Bloomfield, N. J.
Bloomfield, David, architect, Meriden, Conn.
Bloomfield Mfg. Co., mchsts. & fndrs., Bloomfield, Ind.
Bloomfield Mill Co., Bloomfield, Ky.
Bloomingdale, F., fndrs., Voorheesville, N. Y.
Bloomingdale Milling Co., flour, Bloomingdale, Mich.
Bloomingdale Rubber Co., 501 5th av, New York.
Bloomington-Bedford Stone Co., Bloomington, Ind.
Bloomington Canning Co., Bloomington, Ill.
Bloomington Coal Co., masons' & bldrs. matls., Bloomington, Ind.
Bloomington Constr. Co. Bloomington, Ill.
Bloomington Crushed Stone Co., Bloomington, Ind.
Bloomington Pressed Brick Co., Bloomington, Ill.
Bloomquist-Eck Mach. & Mfg. Co., 205 St. Clair av, N. E., Cleveland, Ohio.
Bloomsburg Brick Co., Bloomsburg, Pa.
Bloomsburg Car Mfg. Co., mchsts. & fdrs., Bloomsburg, Pa.
Bloomsburg, H., & Co., steam heating circulators, 425 N. Cary, Baltimore, Md.
Bloomsburg Paper Co., Bloomsburg & Lightstreet, Pa.
Bloomsbury Graphite Co., fdry. facings, Bloomsbury, N. J.
Bloomquist Eck Mach. Co., mach. tools, 1146 E. 152d, Cleveland, Ohio.
Bloss, O. J., archl. iron, 243 Monitor, Brooklyn, N. Y.
Blosser, John S., stone producer, Cloverdale, Ohio.
Blossom Bros., sash, door & blind, New Bedford, Mass.
Blossom Oil & Cotton Co., meal, Blossom, Tex.
Blossom-Provine Lumber Co., Seattle, Wash.
Blossvale Paper Co., Blossvale, N. Y.
Blouin, Alfred, contractor, Tarrytown, N. Y.
Blouin, Jos., Jr., architect, Tarrytown, N. Y.
Blount Carriage & Buggy Co., East Point, Ga.
Blount Engineering Co., engines, gears, etc., 100 High, Boston, Mass.
Blount, F. M., Constr. Co., Pensacola, Fla.
Blount, J. G., Co., grinders, polishing machines & speed lathes, mfrs., Everett, Mass.
Blount, J. I., & Co., mach. dealers, Birmingham, Ala.
Blount, J. J., masons' & bldrs. matls., Hawkinsville, Ga.
Blount Plow Wks., Evansville, Ind.
Blount & Rees, soap, Wabash, Ind.
Blowers, F. L., contractors, Gloversville, N. Y.
Blue Ball Mach. Wks., gas engines, Blue Ball, Pa.
Blue Creek Co., turpentine, Thelma, Fla.
Blue Diamond Canning Co., Portland, Me.
Blue Earth City Mill Co., flour, Blue Earth, Minn.
Blue Grass Lumber Co., Lexington, Ky.
Blue Grass Milling Co., flour, Campbellsburg, Ky.
Blue Hill Quarry Co., West Quincy, Mass.
Blue, J. J., & Son, woolen blankets, Ettrick, Wis.
Blue, Jno., machinist, Laurinburg, N. C.
Blue Label Safety Squib Co., Plymouth, Pa.
Blue Limestone Co., 605 Lumber exch., Minneapolis, Minn.
Blue Mountain Slate Co., Slatington, Pa.
Blue Print Co., 101 Park av, New York.
Blue & Queripel Co., plumbers' supplies, jobbers, 2360 3d av, New York.
Blue Ribbon Body Co., wood auto bodies, 1720 Fairfield av, Bridgeport, Conn.
Blue Ribbon Mfg. Co., metal polish, Boston, Mass.
Blue Ridge Cotton Oil Mill, meal, Travelers Rest, S. C.
Blue Ridge Lime Co., Fletcher, N. C.
Blue Ridge Locust Pin Co., Dillsboro, N. C.
Blue Ridge Marble Co., Nelson, Ga.
Blue Ridge Ochre Co., clay, Cartersville, Ga.
Blue Ridge Red Cedar Co., chests, Reidsville, N. C.
Blue Seal Chemical Co., drain pipe solvents, 417 E. 16th, N. Y.
Blue Seal Supply Co. mchy. 12 Port, Boston, Mass.
Blue Stone Land & Lumber Co., Ridgway, Pa.
Blue Trap Rock Co., Little Rock, Ark.
Blue Valley Mfg. Co., mchsts. & fdrs., Manhattan, Kans.
Blue Valley Slate Mfg. Co. (Ltd.), Slatington, Pa.
Blue Vein Slate Co., Slatington, Pa.
Bluebaugh, W. F., machinists & founders, Arcanum, Ohio.
Bluefield Hardware Co., Bluefield, W. Va.
Bluestone Mattress & Pillow Co., Graham, Va.
Bluff City Mills, Inc., flour, Bluff City, Tenn.
Bluffs City Lumber & Coal Co., Council Bluffs, Ia.
Bluffton Anchor Co., Bluffton, Ohio.
Bluffton Mfg. Co., washing mach., Bluffton, Ohio.
Bluffton Stone Co., Lima, Ohio.
Blueford, I., & Co., mchy. dealers, 105 N. 15th, Richmond, Va.
Blum, Albert, cornices, 4244 Allison, Norwd., Cincinnati, Ohio.
Blum, Ben, & Co., wholesale hardware, Galveston, Tex.
Blum & Delbridge, stone producers, Bittern av & E. 73d, Cleveland, Ohio.
Blum & Dilbridge, stone producers, Amherst, Ohio.
Blum, Geo. & Edw., architects, 505 5th av, New York.
Blum, Julius, & Co., seamless steel tubing, etc., 510 W. 24th, New York.
Blum & McNamara, Inc., Whitney Bldg., New Orleans, La.
Blum Mfg. Co., cow & sheep bells, Collinsville, Ill.
Blum, R., chamois importers, sponges, 108 Pearl, Boston, Mass.

Blum Roller Mills, flour, Blum, Tex.
Blum Shoe Mfg. Co., felt boots, Dansville, N. Y.
Blumberg, D., scrap rubber, 335 N. 4th, Philadelphia, Pa.
Blumberg, W. L., & Co., who'sale h'dwe, 92 Chambers, New York.
Blume, Edwin H., architect, Riverhead, N. Y.
Blume, H., & Son, scrap iron & steel, 536 Myrtle av, B'klyn, N. Y.
Blumenkrohn, A. A., buttons, 160 5th av, New York.
Blumenkrohn, L., & Co., buttons, 13 W. 27th, New York.
Blumenstock & Reid Co., meat p'kers, 3261 W. 65th, Cleveland, O.
Blumenthal, B., & Co., buttons, 15 E. 26th, New York.
Blumenthal, H. G., Co., cornices & skylights, Provo, Utah.
Blumenthal & Co., brushes, 241 Centre, New York.
Blumenthal, Sidney, & Co., plushes & velvets, Shelton, Conn.
Blumer, Adam, mach. & fdr., Moss Point, Miss.
Blumer-Sartain Packing Co., meat packers, Columbus, Ohio.
Blumhard, C. A., Blue Paper Co., 38 S. 6th, Philadelphia, Pa.
Blumling, P., masons' & bldrs. matls., McKees Rocks, Pa.
Blundon & Hinton, canned goods, Reedville, Va.
Blundon & Margrie, electric contractors, 2000 Telegraph av, Oakland, Cal.
Bly Bros. & McGilliard Stone Co., 668 S. Utah, Los Ang., Cal.
Bly & Hamann, architects, 833 St. Johns, Brooklyn, N. Y.
Blycher, August W., contractors, 3128 Fairfield av, Bridgeport, Conn.
Blymer Bros. Co., tin plate, metals, Mansfield, Ohio.
Blymyer Iron Works Co., sugar, coffee & rice plantation mchy., Cincinnati, Ohio.
Blystone Mfg. Co., concrete mixers, Cambridge Springs, Pa.
Blystone, F. M., mattresses, Elmira, N. Y.
Blystone, W. C., & Son, lumber, Cambridge Springs, Pa.
Blystone, W. I., & Son, mattresses, Jamestown, N. Y.
Blyth, E. J., buckwheat flour, Walworth, N. Y.
Blythe Construction Co., 756 S. B'way, Los Angeles, Cal.
Blythe & Isenhour, contractors, Charlotte, N. C.
B. & M. Brick Co., Madison, Wis.
B. & M. Machine Co., Akron, Ohio.
Boal, Theodore Davis, architect, 1725 N. W., Washington, D. C.
Boal, Theodore Davis, Centre Co., architect, Boalsburg, Pa.
Boardman, E. A., & Sons, lumber, Thorp, Wis.
Boardman, F. E., fertilizer mfrs., Middletown, Conn.
Boardman & Gray, pianos, Albany, N. Y.
Boardman, Robt., Co., mchsts., Oil City, Pa.
Boas, Francis J., contractor, 201 N. Broad, Philadelphia, Pa.
Boas Thread Co., Stamford, Conn.
Boas, Wm. J., Co., folding paper boxes, 1427 Vine, Phila., Pa.
Boaz Cotton Oil Co., Boaz, Ala.
Boaz Fertilizer Co., Boaz, Ala.
Boaz Milling Co., flour, Boaz, W. Va.
Bobb, Peter E., & Co., lbr. mfrs., Thorp, Wis.
Bobbitt, James H., flour mills, Valley Oak, Ky.
Bobrick Chemical Co., Los Angeles, Cal.
Bock Bearing Co., taper roller bearings, Phillips av. & M. C. R. R., Toledo, O.
Bock, Leo, scrap iron, Olean, N. Y.
Bock, M., scrap iron & steel, 32 Bennett, Buffalo, N. Y.
Bock-Walker Co., wholesale hardware, Battle Creek, Mich.
Bockes & Mahan, lbr. mfrs., Kalkaska, Mich.
Bockhoven Bros. Co., lbr., 132 Astor, Newark, N. J.
Bockstege Furniture Co., Evansville, Ind.
Bodach, Chas., & Sons, show cases, 314 S. Franklin, Chicago, Ill.
Bodary Building Co., 759 Stanley av, Detroit, Mich.
Bodcaw Lumber Co., Stamps, Ark.
Bode, Geo., contractor, Youngstown, Ohio.
Bode Wagon Co., 1655 Central av, Cincinnati, Ohio.
Bodenstein, J. G., & Co., ice picks, planers, plows, etc., Staatsburg, N. Y.
Bodenstein & Kuemmerle, revolving chairs, Lawrence & Grand av, Philadelphia, Pa.
Bodette, Edw., contractor, 704 Boalt, Toledo, O.
Bodin, Eugene, brick, Franklin, La.
Bodine Electric Co., dynamo & motor mfrs., 2254 W. Ohio, Chicago, Ill.
Bodine Roofing Co., Mansfield, O.
Bodker, A. J., architect, 63 W. 45th, New York.
Bodmer, A. W., stone producer, Portsmouth, Ohio.
Bodt, W. A., canned goods, Churchville, Md.
Bodwell, Albert E., architect, 18 Tremont, Boston, Mass.
Bodwell Counter Co., Haverhill, Mass.
Bodwell, Cyrus F., architect, Gardner, Mass.
Bodwell Granite Co., Rockland, Me.
Boebinger Hardware Co., 315 E. Pearl, Cincinnati, Ohio.
Boeckeler Lumber Co., Hall & Mallinckrodt, St. Louis, Mo.
Boedtcher, Franz A., elevator safety devices, 355 W. 42d, New York.
Boegel, Wm. J., architect, 3 W. 29th, New York.
Boeger, John C., contractor, Arlington Heights, Ill.
Boehrer, J. Henry, archit., Thomson Bldg., Oakland, Cal.
Bolger-Meyer Mach. & Tool Co., coupling shaft, 59-65 McWhorter & Bruen, Newark, N. J.
Boehler, Chas. F., landscape archt., Kresge Bldg., Detroit, Mich.
Boehm, C. A., & Son, carriages, Camden, N. Y.
Boehme, Chris. A., brewery architects, Kasota blk, Minneapolis, Minn.
Boehm, Christian C., inc. lamps, Rochester, N. Y.
Boehm, Geo. A., & H., architects, 7 W. 42d, New York.
Boehm, H., & Co., incandescent miniature lamps, Youngstown, O.
Boehm, Hy., & Co., mchsts. & fndrs., 306 N. Holliday, Baltimore, Md.
Boehme & Rauch Co., paper & pulp mills, Monroe, Mich.
Boehmer, A. L., paint, Covington, Ky.
Boehmer, Chas., & Son, contractors, 7904 Gang, Pittsburgh, Pa.
Boeing Airplane Co., Seattle, Wash.
Boeke Constr. Co., 1818 Ann av, St. Louis, Mo.
Boekel, Wm. & Co., machsts, 518 Vine, Philadelphia, Pa.
Boekenkamp, E. G., Sr., architect, Norwood, Pa.
Boelhauwe, C. T., architect, State Bk. & Tr. Bldg., San Antonio, Tex.
Boelhauwe, Chas. G., contractor, San Antonio, Tex.
Boenisch & Kraus, architects, Ohio Bldg., Akron, Ohio.
Boerder Process Steel Co., Woodhill & Hazelwood, Cleveland, O.
Boerum & Farrell, architects, Rockaway Park, N. Y.
Boerum Knitting Mills, sweaters, cardigans, etc., 105 Meserole, Brooklyn, N. Y.
Boesch Lamp Co., 962 Mission, San Francisco, Cal.
Boesch Mfg. Co., machsts, Danbury, Conn.
Boesch, Victor P. & Son, cornices, Linwood & Delta av, Cincinnati, Ohio.
Boese, Frederick D., architect, Call Bldg., San Francisco, Cal.
Boese, John, architect, 280 Broadway, New York.
Boese & Suter, architects, Queens Plaza Ct. Bldg., Long Island City, N. Y.
Boeseke-Dawe Co., cornices & skylights, Santa Barbara, Cal.
Boettcher, Ludwig, machsts., 208 E. 19th, New York.
Boetticher & Kellogg Co., wholesale hdwe.; machsts' tools, Evansville, Ind.
Boettiger & Co., paste, Erie, Pa.
Boettiger, Louis A., Co., key chains, cream dippers, tweezers, 48 Leonard, New York.
Boettler, Fred, carriages, 2621 Cass av, St. Louis, Mo.
Bofinger Bros., metal & elec. signs, 146 E. 42d, New York.
Bogalusa Mill & Supply Co., masons' & bldrs.' matls., Bogalusa, La.
Bogard, A., scrap iron & steel, Terre Haute, Ind.
Bogard, Noah, contr., Washington, Ind.
Bogardus, E. R., & Son, architects, Mason City, Ia.
Bogardus, J. R., architect, 907 E. El Paso, Texas.
Bogardus-Nelson Co., pressure gauges, Marshalltown, Ia.
Bogart, A. L., Co., elec. burners, torches, clocks, etc., 55 Barclay, New York.
Bogart, I. H. & Son, contractors, 414 Albany, Boston, Mass.
Bogart, J. S., contractor, Mills Bldg., San Francisco, Cal.
Bogart Piano Co., 9 Canal pl, New York.
Bogert, A. Z., & Bro., masons' & bldrs.' matls., River Edge, N. J.
Bogert-Carlough Co., machsts., Paterson, N. J.
Bogert, Chas A., contractor, Englewood, N. J.
Bogert, C. V. R., Esq., architect, 199 Main, Hackensack, N. J.
Bogert & Hopper, wood turning products, 67 Barclay, New York.
Boggs Auto Supply Co., Ft. Dodge, Ia.
Boggs Broom Corn Co., 1206 N. Main, St. Louis, Mo.
Boggs, Edw. T., architect, Norristown, & 136 S. 4th, Phila., Pa.
Bogota Paper & Board Co., Bogota, N. J.
Bogue, Chas. J., Elec. Co., 513 W. 29th, New York.
Bogue, Geo. P., architect, East Machias, Me.
Bogue-Wensley Lead Co., Denver, Colo.
Boh, Arthur P., architect, 302 Carondelet, New Orleans, La.
Bohannan, Wilson, door locks, 760 Lexington av, Brooklyn, N. Y.
Bohem, A. & G., cornices, 15th & Federal, Philadelphia, Pa.
Bohem Mfg. Co., window ventilators, 1414 Fdrl, Phila., Pa.
Bohemian Pottery Co., Zanesville, Ohio.
Bohlen, D. A., & Son, archts., Majestic Bldg., Indianapolis, Ind.
Bohm, Albert, push buttons, 260 W. B'way, New York.
Bohm Cabinet Co., piano benches, 179 Magne, Rochester, N. Y.
Bohm, G. B., architect, Williamson Bldg., Cleveland, Ohio.
Bohm & Stuhr, sash, door & blind, B'way & W. & L. E. R. R., Cleveland, Ohio.
Bohn Roofing & Cornice Co., Norfolk, Va.
Bohnard & Parsons, architects, Euclid Bldg., Cleveland, Ohio.
Bohne, F. W., architect, N. Y. blk, Seattle, Wash.
Bohner Mfg. Co., faucet filters, 1009 S. Wabash av, Chicago, Ill.
Bohner, M. J., cornices, skylights, Miami, Fla.
Bohnet, Jno. & Co., auto. tops, Lansing, Mich.
Bohrer, K. E., laundry tray legs, 347 Worth, Rochester, N. Y.
Boice, Runyon Co., masons' & bldrs.' matls., Plainfield, N. J.
Boicourt, J. L., fndrs., Fort Worth, Texas.
Boig & Hill, steam fitters' supplies, 216 Fulton, New York.
Boileau, Paul, stone producers, 722 S. Kelmar, Chicago, Ill.
Boiler-Kote Co., The, compounds, 343 Dearborn, Chicago, Ill.
Boiler Maker, trade publication, 461 8th av, New York.
Boiler & Radiator Sales Co., steam fitters' supplies, 126 W. Kinzie, Chicago, Ill.
Boiler Room Improvement Co., smoke indicators, 8 S. Dearborn, Chicago, Ill.
Boillot & Lauck, architects, Scarritt Bldg., Kansas City, Mo.
Boise-Iron Wks. & Fdry. Co., Boise, Idaho.
Boise Butcher Co., Ltd., Boise, Idaho.
Boise Canning Co., Boise, Idaho.
Boise Payette Lbr. Co., Boise, Idaho.
Bois D'Arc Canning Co., Bois D'Arc, Mo.
Boissier Elec. Co., 205 W. 19th, New York.
Boitnott, C. C. & Sons, canned goods, Naffs, Va.
Boker & Co., steel products, 101 Duane, New York.
Boker Cutlery & Hardware Co., Inc., 101 Duane, New York.

Boker, Raymond F., architect, 904 Main, Hartford, Conn.
Bokern, F. T., stove mfrs., 217 Market, St. Louis, Mo.
Boland Bros., contractors, Scranton, Pa.
Boland, C. P. & Co., bldg. & genl. contractors, 30 4th, Troy, N. Y.
Boland, Christ T., contractor, Scranton, Pa.
Boland, Jas., Rendering & Fertilizing Co., Jackson, Mich.
Boland, John V., Constr. Co., Chemical Bldg., St. Louis, Mo.
Boland Machine & Mfg. Co., New Orleans, La.
Boland Machy. Co., 552 W. Van Buren, Chicago, Ill.
Bolce, Louis H., & Co., paint mfrs., 2435 Gilbert av, Cincinnati, O.
Bolcom, H. C., Lumber Co., cedar shingles, Seattle, Wash.
Bold, Wm. M., machsts., Decatur, Ill.
Boldt, Chas., Co., glass bottles, Davis la & Penn Ry., Cincinnati, Ohio.
Boldt, George, machsts. & fndrs., Tinley Park, Ill.
Boldt-Low Construction Co., Swetland Bldg., Cleveland, Ohio.
Bolduc, Leander, contractor, Fall River, Mass.
Boley, B., glass bottles, 157 10th av, New York.
Boley, C. H., Co., size, turpentine, varnish, etc., 3722 N. Randolph, Philadelphia, Pa.
Bolin-Hall Grain Co., Liberal, Kans.
Bolin Metallic Door Co., Kansas City, Mo.
Bolinders Co., Imp., marine engines, 30 Church, New York.
Bolinger, S. H., & Co., Ltd., lumber, Bolinger & Shreveport, La.
Bolivar Fdry. & Mach. Co., Bolivar, Pa.
Boll Bros. Mfg. Co., mattress mfrs., Harrisburg, Pa.
Boll, John H., architect, 621 Main, Cincinnati, Ohio.
Bolle, R., Mfg. Co., celluloid combs, 99 Stewart, Providence, R. I.
Bollenbacher, J. Carlisle, architect, 14 E. Jaackson, Chicago, Ill.
Boller, Carl, architect, Gayety Theater Bldg., Kansas City, Mo.
Boller, Chas. & Sons Co., sash, door & blind mfrs., lbr. 379 Chicago, Buffalo, N. Y.
Boller, Peter, Mach. Wks., 124 N. Curtis, Chicago, Ill.
Boller Piano Co., 2168 Milwaukee av, Chicago, Ill.
Bollerman, Arthur M., pianos, 90 Lincoln, New York.
Bolles, Aerial E., window sash, 52 Duane, New York.
Bolles, E. E. & Co., lumber, Coleman, Wis.
Bolles, Edw. G., architect, 660 Market, San Francisco, Cal.
Bolles, J. E., Iron & Wire Wks., 4th & Porter, Detroit, Mich.
Bolles, Wm. B., concrete mixers, P. O. Box 600, Milwaukee, Wis. *See adv. index at end of book.*
Bollinger-Andrews Constr. Co., Empire Bldg., Pittsburgh, Pa.
Bollinger Bros., brewery architects & contrs., Fulton Bldg., Pittsburgh, Pa.
Bollinger & Rieley Mach. Co., Cleveland, Ohio.
Bollmann, Wilson, Fdry. Co., 506 E. Front, Cincinnati, Ohio.
Bollwerk, H., & Bro., auto. wood bodies, tank wagons, St. Louis, Mo.
Bolster Bros., stone producers, Ephrata, Pa.
Bolster, J. W., carriages, Peabody, Mass.
Bolte, Ben., & Son, Lbr. Mfrs., Ferdinand, Ind.
Bolte Mfg. Co., incandescent portable lamps, 125 S. Racine av, Chicago, Ill.
Bolte Mfg. Co., concrete mixers, Kearney, Neb.
Bolter's, A. Sons, fndrs., 2301 Ward, Chicago, Ill.
Bolton Bros., mill & facty. supplies, 416 E. Pratt, Baltimore, Md.
Bolton, Chas. W. & Son, architects, Witherspoon Bldg., Phila, Pa.
Bolton, F. D., canned goods, Fincastle, Va.
Bolton, H. L., canned goods, Troutville, Va.
Bolton, R. P., exhaust heads, 55 Liberty, New York.
Bolton-Pratt Co., contractors, Columbia Bldg., Cleveland, Ohio.
Boltz, B. F., Mfg. Co., wood handles, Winchester, Ind.
Bolyard, Nelson, flour mills, Marquiss, W. Va.
Bomar, B. F., machsts., Spartanburg, S. C.
Bolz, McBride, Cooperage Co., Bk. of Commerce, St. Louis, Mo.
Bomberger Brick Wks., Lancaster, Pa.
Bomer-Ferguson Co., Ltd., lumber, Lake Arthur, La.
Bomgardner Mfg. Co., invalid chairs, 1384 Hird av, Cleveland, Ohio.
Bommer Bros., hinge mfrs., 270 Willoughby av, Brooklyn, N. Y.
B. & O. Milk Co., canned, Carlyle, Ill.
Bon Air Coal & Iron Co., furnaces, Nashville, Tenn.
Bon Ami Co., soap powders, 17 Battery pl, New York.
Bonafide Mfg. Co., gaff hooks, minnows, etc., Plymouth, Mich.
Bonagur, Vincent, architect, 789 Horne, New York.
Bonar, James & Co., Inc., steam spec., Park Bldg., Pittsburg, Pa.
Bonas, E., & Sons, mchsts. & fndrs., Coulterville, Ill.
Bonazzi & Bonazzi, granite, Montpelier, Vt.
Bond, Alfred J., lumber, Bradford, Pa.
Bond Bottle Sealing Co., crown corks & washers, 501 Monroe, Wilmington, Del.
Bond & Bours Co., wholesale hdwe., Jacksonville, Fla.
Bond Bldg. Co., contr's., Elizabeth, N. J.
Bond, B. F., Paper Co., blankets, 33 S. Hanover, Baltimore, Md.
Bond Bros., paper box mach'y, Spencerville, Md.
Bond Bros., ties, Elizabethtown, Ky.
Bond, Chas., Co., mill & facty. supplies & leather belting, 520 Arch, Philadelphia, Pa.
Bond, E. W., Co., lumber, Lake Helen, Fla.
Bond Foundry & Machine Co., power transmitting machinery, Manheim, Pa.
Bond, Geo. E., & Co., granite producers, Barre, Vt.
Bond, G. H., architect, Tampa, Fla.
Bond, H. W., architect, Weiser, Idaho.
Bond, H. W., Bros., contrs., New Orleans, La.
Bond, Harold L. Co., contractors' equipment & supplies, mfrs., 391 Atlantic av, Boston, Mass.
Bond Lumber Co., Glenwood, Fla.
Bond, Newton C., architect, North Adams, Mass.
Bond Paint & Varnish Co., E. 81, Cleveland, O.
Bond, S. G., architect, 227 E. Douglas av, Wichita, Kans.
Bond, St. Georges, scriptographs, Crozer Bldg., Philadelphia, Pa.
Bond Sandstone Brick Co., Lake Helen, Fla.
Bond Scale Co., Los Angeles, Cal.
Bond Steel Post Co., Adrian, Mich.
Bond Supply Co., mill & facty. supplies, Kalamazoo, Mich.
Bond, T. H. & Bro., distillers, McBrayer, Ky.
Bond Varnish Co., Fanwood, N. J.
Bond, Vivian & Co., ferre manganese, etc., 68 Beaver, New York.
Bond, W. C., wood handles, New Castle, Ind.
Bond, W. T., lumber, Caneyville, Ky.
Bond, Walter J., contractor, 13 Haliett, Long Island City, N. Y.
Bond, Wm., & Son, chronometers, 22 Beacon, Boston, Mass.
Bondy, J. L., archl. iron, 8 S. Dearborn, Chicago, Ill.
Bonebrake Hardware & Implement Co., El Reno, Okla.
Bonell, Wm., carriages, Eau Claire, Wis.
Bonesteel, A. E. & Co., wholesale hdwe., 313 River, Troy, N. Y.
Bonestell, C. K., Jr., archt., Monadnock Bldg., San Francisco, Cal.
Boney, A. T., agricultural implements, Cairo, Mo.
Boney, Leslie N., architect, Goldsboro, N. C.
Bonfoey & Elliott, architects, Tampa, Fla.
Bonfoey, F. L., architect, Charlotte, N. C.
Bonham Cotton Mills, sheetings, Bonham, Tex.
Bonham, Edw., architect, Sun Bldg., Lowell, Mass.
Bonham Recorder Co., carfare registers, Hamilton, Ohio.
Bonham, Winchester, contractor, Wildwood, N. J.
Bonita Mfg. Co., elec. cable hangers, Hancock & Columbia, Philadelphia, Pa.
Bonitz, Henry E., architect, Wilmington, N. C.
Bonn, Sam., contrs., Syracuse, N. Y.
Bonnell, E. M., bed springs, Corry, Pa.
Bonnell, J. D., & Son, jewelers' tags, 311 Atlantic av, Boston, Mass.
Bonnell, Jas. E., contractor, Tacoma, Wash.
Bonnell, W. A., Co., bolts, cabinets, clamps, connectors, etc., 132 Church, New York.
Bonner & Barnewall, belting, 30 Church, New York.
Bonner Drop Forge Co., staple pullers, 332 S. Michigan av, Chicago, Ill.
Bonner Fruit Co., canners, Lankershim, Cal.
Bonner, J. H., & Sons, lumber, Heth, Ark.
Bonner & Marshall Brick Co., 133 W. Washington, Chicago, Ill.
Bonner Oil Co., Houston, Tex.
Bonner Portland Cement Co., Bonner Springs & Kansas City, Kans.
Bonners Ferry L'br. Co., Bonners Ferry, Idaho.
Bonney, E. L., Box Co., packing box, Brocton, Mass.
Bonney-Floyd Co., steel castings, etc., Columbus, Ohio.
Bonney Supply Co., contractors' machy., Livingston Bldg., Rochester, N. Y.
Bonney-Vehslage Tool Co., conductors' ticket punches, 60 N. J. R. R. av, Newark, N. J.
Bonney Vise & Tool Works, wrenches, vises & forgings, Allentown, Pa. *See adv index at end of book.*
Bonnite Insulation Co., 225 Murray, Newark, N. J.
Bonniwell-Calvin Iron Co., wholesale hdwe., 1205 W. 10th, Kansas City, Mo.
Bonnot Co., brick, clay & cement machy., Canton, Ohio.
Bono Plow Co., Bono, Ark.
Bonsack, Fred'k C., architect, Pierce Bldg., St. Louis, Mo.
Bonta, E. W., architect, Curney Bldg., Syracuse, N. Y.
Bonthron, Jas., architect, Beck Bldg., Portland, Ore.
Bonvallet's, P. A., Sons, canned goods, Wichert, Ill.
Bonville Bros., slate for elec'l purposes, Fair Haven, Vt.
Bonville, Edw., slate for elec'l purposes, Fair Haven, Vt.
Bonyata Chemical Co., liquid, disinfectant & scrubbing soaps, Grinnell, Iowa.
Booden & Son, varnish mfrs., 243 N. 9th, Brooklyn, N. Y.
Booker Box Co., pckg. box mfrs., Louisville, Ky.
Booker & Campbell, contractors, Bellingham, Wash.
Booker, H. R., & Co., wholesale hdwe. & plumbers' supplies (jobbers), Hampton, Va.
Booker, Kiehl & Whipple, contrs., Central Bldg., Seattle, Wash.
Bookhop, F. H., corn & whisk brooms, & brushes, 151 38th, Brooklyn, N. Y.
Books Trunk Co., 19 E. 8th, Kansas City, Mo.
Bookwalter Wheel Co., Miamisburg, Ohio.
Boom Boiler & Welding Co. (The), 1615 Merivin av, Cleveland, Ohio.
Boomer, I. E., masons' & bldrs.' matls., Forest & Dequindre, Detroit, Mich.
Boone, Allan E., architect, 112 Water, Boston, Mass.
Boone Brick Tile & Paving Co., Boone, Ia.
Boone Bros., flour mills, Erin, Tenn.
Boone Construction Co., Lebanon, Ind.
Boone, D. R., lime, Oglesby, Tex.
Boone, Dr. G. A., canned goods, Troutville, Va.
Boone Milling Co., flour, Boone Mill, Va.

Boone, Robt. M., contractor, Alliance, Ohio.
Boone, W. B., architect, 1165 College, Memphis, Tenn.
Boone, W. E., architect, 1101 36th av, N. Seattle, Wash.
Boone, W. E., machy. dealer, Jacksonville, Fla.
Boonstra, L. A., architect, Lafayette, Ind.
Boonton Rubber Co., Boonton, N. J.
Boonville Brick Co., Boonville, Mo.
Booneville Brick & Tile Co., Booneville, Miss.
Boonville Canning Co., Boonville, N. C.
Boor & Davis, flour mills, Mannington, W. Va.
Boorse, Horace B., contractor, 665 N. 15th, Philadelphia, Pa.
Boortz, Fred, contractor, Waukesha, Wis.
Boorum & Pease Co., R. R. stationery; books, etc., 109 Leonard, New York.
Boorum & Pease Co., index tabs, Brooklyn, N. Y.
Boos, John, & Co., cutting benches, butchers' blocks, Effingham, Ill.
Booser. G. A., machsts., & cooperage stock, Corning, Ark.
Booth, A. M., masons' & bldrs.' matls., Huntsville, Ala.
Booth, A. W., & Bro., masons' & bldrs.' matls., Bayonne, N. J.
Booth, Alexander, contractor, Newport, R. I.
Booth Art Glass Co., 84 W. Huron, Buffalo, N. Y.
Booth, Benj. & Co. (Ltd.), card clothing, 1717 N. Bodine, Philadelphia, Pa.
Booth & Boyd Lbr. Co., Saginaw, Mich.
Booth Bros. Co., shoe machy., Rochester, N. Y.
Booth Bros & Hurricane Isle Granite Co., stone workers, 208 B'way, New York.
Booth & Chase Co., Inc., contractors, Fall River, Mass.
Booth, C. F., Co., talcum powder, Norwich, N. Y.
Booth Column Co., Toledo, Ohio.
Booth Felt Co., Inc., 440 19th, Brooklyn, N. Y.
Booth Fisheries Co., Astoria, Ore.
Booth & Flinn, contractors, 17 Battery pl, New York & 1942 Forbes, Pittsburgh, Pa.
Booth, Garrett & Blair, chemists, engineers & testing laboratories, 404 Locust, Philadelphia, Pa.
Booth, George E. Bldg. Co., contractors, B'way & Circus pk, Detroit, Mich.
Booth, Irving D., Inc., hardware—wholesale, Elmira, N. Y.
Booth, J. B., Co., steel struct. wk., 216 E. Robinson, Pittsburgh, Pa.
Booth, J. R., lbr., Burlington, Vt.
Booth-Kelly Lbr. Co., Eugene, Ore.
Booth, L. M., Co., water softening, Nutley, N. J.
Booth & Law Co., varnish mfrs., New Haven, Conn.
Booth & Lewis Lbr. Co., Grand Cen. Ter., New York.
Booth Mfg. Co., filing cabinets, Howard City, Mich.
Booth Packing Co., Wolfe & Lancaster, Baltimore, Md.
Boothbay Gas Engine Co., East Boothbay, Me.
Boothbay Packing Co., Boothbay Harbor, Me.
Boothby & Tucker, canned goods, Portland, Me.
Boothe-Miller Co., lamps, 2210 S. Main, Los Angeles, Cal.
Boott Mills, cotton sheetings, duck, Lowell, Mass.
Booz Bros., ship bldrs., ft. of Montgomery, Baltimore, Md.
Booze, G. C., canned goods, Springwood, Va.
Booze, G. W., machinist, Gueydan, La.
Boquin, L. O., contractor, Oil City, Pa.
Borbein Auto. Co., 2109 N. 9th, St. Louis, Mo.
Borbein, H. G., carriages, 1439 N. 13th, St. Louis, Mo.
Borchers Carriage & Auto Co., Dayton, Ohio.
Borchers, Richard C., & Co., tex. machy, supplies, etc., Fkd., Philadelphia, Pa.
Bord Varnish Co., 202 Main, Cincinnati, Ohio.
Borden, Chas. W., lumber, Half Moon Bay, Cal.
Borden Co., The, "Beaver" easy working pipe threaders and "Beaver" square end pipe cutters, Warren, Ohio.
See adv index at end of book.
Borden, Cook & Co., sash, door & blind mfrs., Fall River, Mass.
Borden, Guiney & Kendall Co., masons' & bldrs.' matls., Fall River, Mass.
Borden, Jefferson & Son, mill & facty. supplies, Fall River, Mass.
Borden & Remington Co., mfrs. drugs & chemicals, jobbers of burlaps, bale rope, starches, lubricating oils, etc., Fall River, Mass.
Bordentown Forge & Mach. Co., Bordentown, N. J.
Border City Industrial Co., step ladders, Border City, N. Y.
Borderland Commercial Co., advtg. spec., 321 Trust Bldg., El Paso, Tex.
Bordo, L. J., Co., valve mfrs., & steam specialties, 12th & Thompson, Philadelphia, Pa.
Boren, John W., & Sons Co., contrs., Louie & Columbia, Dayton, Ohio.
Boren, Wm., masons' & bldrs.' matls., Ashland, Ohio.
Borg & Beck Co., machsts., Moline, Ill.
Borg, Emil, contractor, 1787 E. 45th, Los Angeles, Cal.
Borger Bros. Co., tubular boilers, tanks, etc., Broad & Scioto, Columbus, Ohio.
Borger Mfg. Co., envelope sealing machines, Cincinnati, Ohio.
Borger, Valentine, machsts., 2035 N. 2d, Philadelphia, Pa.
Borgeson, C. E., wood handles, 1775 Wilson av., Chicago, Ill.
Borgeson Mfg. Co., hdwe., Torrington, Conn.
Borgfedt, Geo., & Co., aluminum hollow ware; alarm clocks, toys, etc., 16th & Irving pl, New York.
Borgfeldt Cigar Mach. Co., Metuchen, N. J.
Borgfeldt, N. H., & Co., machsts., Metuchen, N. J.
Borgman, A. J., cornices, 765 Forest av, E. Detroit, Mich.
Borgmeyer, Edw. J., architect, Stimson Bldg., Los Angeles, Cal.
Borgner, Cyrus Co., masons' & bldrs.' matls., 234 N. 23d, Philadelphia, Pa.
Borgstrom, G. J., dies, 118 So. Clinton, Chicago, Ill.
Borgwald, John, contractor, Mount Vernon, N. Y.
Borgwald, Wm., contractor, Mount Vernon, N. Y.
Borgwardt & Ernst Co., tree moss, 1234 W. Chicago av, Chicago, Ill.
Borgzinner, S., Co., jewelry cases, 82 Nassau, New York
Borhek, R. E., architect, Savage-Scofield Bldg., Tacoma, Wash.
Borie, C. L., Jr., architect, 15th & Walnut, Philadelphia, Pa.
Boright, John W., Lumber Co., Chatham, N. Y.
Boring & Tilton, architects, 32 B'way, New York.
Boring, William A., architect, 52 Vanderbilt av, New York.
Bork & Richard, sash, door & blind mfrs., Meadville, Pa.
Borkel, Jno., & Co., cornices, 42 E. Houston, New York.
Borkenhagen, A., & Son, contrs., 175 Norwalk av, Buffalo, N. Y.
Borkenstein, B., contractors, Fort Wayne, Ind.
Borland & Diamond Lumber Co., Oil City, Pa.
Born, Chas. A. Son, plumbers' supplies—jobbers, Pensacola, Fla.
Born, L., masons' & bldrs.' matls., Hampton, Va.
Born, S. A., Bldg. Co., 660 Market, San Francisco, Cal.
Born Steel Range Co., 3945 W. 25th, Cleveland, Ohio.
Borne, Chas. A., Co., machy. dlrs., 37 Wooster, New York.
Borne-Scrymser Co., oils, 80 South, New York.
Bornemann, Adolph, machinist, St. Peter, Minn.
Bornemann, Ed., lumbermen's socks, St. Peter, Minn.
Borneman & Sons, whol. hdwe. & mill & facty. supplies, Elkhart, Ind.
Bornwasser, Louis P., Co., meat packers, Louisville, Ky.
Borough Development Co., 186 Remsen, Brooklyn, N. Y.
Borres, Jos. & Sons, contractors, 4808 Kincaid, Pittsburgh, Pa.
Borreson Mfg. Co., hdwe.; machsts., St. Paul, Minn.
Borries, Wm. E., architect, 383 B'way, Weehawken, N. J.
Borst, Geo. H., architect, 69 W. Washington, Chicago, Ill.
Borsum Bros., metal polish, 227 Fulton, New York.
Borthwick, Pringle, contractor, 8018 Germantown, Phila., Pa.
Borton, C. F., Co., contractors, Hibernian Bldg., Los Angeles, Cal.
Borton Coal & Trading Co., masons' & bldrs.' matls., Atlantic City, N. J.
Boryer, Harry F., contractor, 1300 F, N. W., Washington, D. C.
Borzner, Andrew C., architect, 717 Walnut, Philadelphia, Pa.
Bos, Jno. N., Sand Co., 118 N. La Salle, Chicago, Ill.
Bosbury, R. B., cornices & skylights, Parkersburg, W. Va.
Boscacer, Jos., machinist, Oakland, Cal.
Bosch, Hy., Co., wall paper mfrs., 485 5th av, New York.
Bosch, Hy., Co., window shade mfrs., 525 S. Wabash av, Chicago, Ill.
Bosch Magneto Co., magneto mfrs., 223 W. 46th, New York.
Boschen, W., architect, Tootle-Lemon Bk. Bldg., St. Joseph, Mo.
Boseck, Otto M., contractor, 99 Marlemont av, Buffalo, N. Y.
Bosher's, R. H., Sons, carriages, Richmond, Va.
Bosken Lumber Co., Evans & Erie, Cincinnati, Ohio.
Bosler, E. H., carriage dressing, 1935 Wabash av, Chicago, Ill.
Bosley, D. W., Co., weather strips, 122 S. Mich. av, Chicago, Ill.
Bosley, L. W., cornices & skylights, Gainesville, Tex.
Boss, Chas. H., rakes, Liberty, R. I.
Boss, John C., Co., brick, Elkhart, Ind.
Boss Knitting Machine Works, Reading, Pa.
Boss Mfg. Co., agricultural implements, Kewanee, Ill.
Boss Mfg. Co., canvas gloves, 70 Washington, Brooklyn, N. Y.
Boss Nut Co., lock-nuts & washers, 1744 N. Kolmar av., Chicago, Ill.
Boss Pulling Mach. Co., steel derricks, Vanburen, Ind.
Boss Tile Spade Co., Anamosa, Ia.
Boss Washing Mach. Co., Cincinnati, Ohio.
Bossange, E. Raymond, architect, Carnegie Inst. Technology, Pittsburgh, Pa.
Bosserdet Yacht & Engine Co., machsts., Park View & Jefferson av, Detroit, Mich.
BOSSERT CORPORATION (THE), automobile stampings, etc,. Utica, N. Y. *See adv index at end of book.*
Bossert, Fred, masons' & bldrs.' matls., Grand Rapids, Wis.
Bossert, O. H., Co., contractors, 848 Jackson, Milwaukee, Wis.
Bossert, Louis & Son, stair bldrs.' supplies, 1335 Grand, Brooklyn, N. Y.
Bossom, Alfred C., architect, 366 5th av, New York.
Bosson & Lane, lubricating oils & greases, Atlantic, Boston, Mass.
Bost, C. F., contractor, Huntsville, Ala.
Bostick Lbr. & Mfg. Co., Meridian, Miss.
Bostick, P. E., contr., 1st Nat. Bk. Bldg., Birmingham, Ala.
Bostick Stove Co., Lapeer, Mich.
Bostock, Thos., & Sons, mchsts. & fdrs., Brockton, Mass.
Boston Auto Gage Co., fuel level indicators, 8 Waltham, Boston, Mass.
Boston Auto Top Co., 100 Massachusetts av, Boston, Mass.
Boston Auto Wrench Co., 31 State, Boston, Mass.
Boston Automatic Fire Alarm Co., 141 Milk, Boston, Mass.
Boston Badge Co., buttons, 294 Waashington, Boston, Mass.
Boston Bamboo Co., bamboo furn., 117 Portland, Boston, Mass.
Boston Belting Corp., rubber belting, hose, packing and roller coverings, mfrs., 84 Linden pk, Roxbury, Boston, Mass.
Boston Belting Co., packing mfrs., 217 S. Peters, New Orleans, La.

Boston Blower Co., fan mfrs., Hyde pk, Boston, Mass.
Boston Blue Print Co., 12 India, Boston, Mass.
Boston Bonnet Wire Co., 38 India, Boston, Mass.
Boston Bottling, Wiring & Labeling Co., 23 Wormwood, Boston, Mass.
Boston Brass Andiron Co., 104 Utica, Boston, Mass.
Boston Brass Co., ball cocks, floats, tank valves & lead traps & "Acme" Sewer valves, mfrs., 135 Bacon, Waltham, Mass. *See adv index at end of book.*
Boston Brazing Co., 465 Atlantic av, Boston, Mass.
Boston Brick Co., Boston, Mass.
Boston Bridge Works, steel bridges & structural steel work, 47 Winter, Boston, Mass.
Boston Building Materials Co., 370 Albany, Boston, Mass.
Boston Burial Case Co., Somerville, Mass.
Boston Chemical Co., disinfectants, 66 Hanover, Boston, Mass.
Boston Clip & Tag Co., 40 Sudbury, Boston, Mass.
Boston Contracting Co., 49 Medford, Boston, Mass.
Boston Copper Works Co., E. Boston, Mass.
Boston Corking Mach. Co., boat fenders, 18 Tremont, Boston, Mass.
Boston Coupling Co., 156 Pearl, Boston, Mass.
Boston Duck Co., canvas & cotton duck, Bondsville, Mass.
BOSTON-ECONOMY LAMP DIVISION, renewed incandescent lamps, "Boston" carbon & "Eagle" tungsten, 43 Hospital, Providence, R. I.
Boston Elevated Railway Co., mchsts. & fdrs., 101 Milk, Boston, Mass.
Boston Engng. Co., boilers, 308 Atlantic av, Boston, Mass.
Boston Engineers' Supply Co., 159 Pearl, Boston, Mass.
Boston Excelsior Co., excelsior mfrs., & packing and wrapping pads, 26 Canal, Boston, Mass., and 11th av & 29th, N. Y.
Boston Feather Duster Co., 74 Pearl, Boston, Mass.
Boston Felt Mfg. Co., mechanical, 110 Beach, Boston, Mass.
Boston Filter Co., water coolers & filters, Chelsea, Mass.
Boston Fire & Police Notification Co., fire alarms, 11 High, Boston, Mass.
Boston Food Products Co., canned goods, 16 New, Boston, Mass.
Boston Forge Co., E. Boston, Mass.
Boston Foundry Co., 210 Border, Boston, Mass.
Boston Fountain Pen Co., 319 Washington, Boston, Mass.
Boston Galvanizing Wks., 121 W. 1st, Boston, Mass.
Boston Gear Works, gears, sprockets, chains & Universal hoists, Quincy, Mass.
Boston Gore & Web Co., shoe goring & elastic webbing, Chelsea, Mass.
Boston Index Card Co., index cards, guides & vertical file folders, mfrs., 113 Purchase, Boston, Mass.
Boston Insulated Wire & Cable Co., Boston, Mass.
Boston Iron & Metal Co., scrap iron & steel, Baltimore, Md.
Boston Last Co., elec. htg. & ironing outfits (shoe facty.), 44 Binford, Boston, Mass.
Boston Leather Stain Co., 109 Purchase, Boston, Mass.
Boston Lightning Rod Co., Old South Bldg., Boston, Mass.
Boston & Lockport Block Co., tackle blocks, sheaves, etc., 100 Condor, E. Boston, Mass.
Boston Lumber Co., 79 Milk, Boston, Mass.
Boston Machine Screw Co., screw machine products, 17 Tudor, Cambridge, Mass.
Boston Machine Shop Co., Oroville, Cal.
Boston Mach. Wks. Co., Lynn, Mass.
Boston Mailing Co., 394 Atlantic av, Boston, Mass.
Boston Marine H'dwe. Co., whol., 259 Atlantic av, Boston, Mass.
Boston Mat & Basket Co., 94 Commercial, Boston, Mass.
Boston Metallic Bed Co., 90 Canal, Boston, Mass.
Boston Metal Ceiling & Mfg. Co., 516 Atlantic av, Boston, Mass.
Boston Milling Co., flour, South Boston, Va.
Boston Mirror Co., 69 Sudbury, Boston, Mass.
Boston Nickel Plating Co., 160 Portland, Boston, Mass.
Boston Oil & Gasoline Co., lubrg. oils & greases, 24 Piedmont, Boston, Mass.
Boston Oil Mill Co., fertilizer mfrs., Boston, Ga.
Boston Oregon Mast Co., 131 Coleridge, E. Boston, Mass.
Boston Packing Co., meat, Portland, Ore.
Boston Paper Mfg. Co., fancy printed, 15 Chardon, Boston, Mass.
Boston Paste Co., 81 Traverse, Boston, Mass.
Boston Piano Supply Co., piano key hammers, B'way, Boston, Mass.
Boston Pipe & Fittings Co., steam fitters' supplies, 273 Congress, Boston, Mass.
Boston Pocket Book Co., bk. messengers' wallets, 169 Massachusetts av, Boston, Mass.
Boston Pressed Metal Co., seamless drawn shapes & specialties from brass & steel, 169 Union, Worcester, Mass.
Boston Printing Press & Machy. Co., East Bridgewater, Mass.
Boston Roofing Co., cornices & skylights, 6 Beacon, Boston, Mass.
Boston Rubber Shoe Co., 101 Milk, Boston, Mass.
Boston Sand & Gravel Co., 88 Broad, Boston, Mass.
Boston Sash Weight Co., 79 Milk, Boston, Mass.
Boston Saw & Tool Co., Inc., hack saw blades, 76 Freeport, Boston, Mass.
Boston Scale Mach. Co., angle plate mfrs., 100 Ruggles, Boston, Mass.
Boston Self-Locking Block Co., Waltham, Mass.
Boston Society of Architects, 16 Somerset, Boston, Mass.
Boston Spec. Corp., pencil sharpeners, 261 B'way, New York.
Boston Steam Specialty Co., 332 A, Boston, Mass.
Boston Thread Co., Lena & Armat, Philadelphia, Pa.
Boston Thread & Twine Co., Boston, Mass.
Boston Tow Boat Co., submarine divers, 111 Devonshire, Boston, Mass.
Boston Vapor Heating Co., 52 Chauncy, Boston, Mass.
Boston Varnish Co., varnish mfrs., Everett, Mass.
Boston Willow Furniture Co., Cambridge, Mass.
Boston Wire Stitcher Co., machsts., East Greenwich, R. I.
Boston Woven Hose & Rubber Co., mechanical rubber goods mfrs., Cambridge, Mass.
Boston Woven Wire Brush Co., Lynn, Mass.
Bostrom-Brady Mfg. Co., levels, Atlanta, Ga.
Bostrom, R. E., architect, Pickering Bldg., Cincinnati, Ohio.
Bostwick-Braun Co., wholesale hdwe., Toledo, Ohio.
Bostwick Bros., masons' & bldrs.' matls., St. Albans, Vt.
Bostwick-Goodell, wooden specialties, Norwalk, Ohio.
Bostwick, Harley, & Co., turpentine Lawtey, Fla.
Bostwick, C. G., sheet steel ceilings, ventilator mfrs., etc., Hartford, Conn.
Bostwick & Goodell, advtg. novelties, Norwalk, Ohio.
Bostwick, J. R. & H. J., pipe joint & roofing cements, Clifton Springs, N. Y.
Bostwick, Jas. M. C., babbit metal, 372 Abbott, Detroit, Mich.
Bostwick Steel Lath Co., Niles, Ohio.
Boswick, Jas. R., contractor, Portsmouth, Va.
Bosworth Bag Co., Memphis, Tenn.
Bosworth, F. S., & Son, masons' & bldrs.' matls., Elgin, Ill.
Bosworth, F. Hunt, Jr., architect, 597 5th av, New York.
Bosworth, Geo. E., contractor, Amherst, Mass.
Bosworth, Geo. F., architect, 112 Water, Boston, Mass.
Bosworth, M. A., Lumber Co., Vincennes, Ind.
Bostworth, Walter S., machsts. & brass fndrs., Warren, R. I.
Bosworth, Wm. W., architect, 527 5th av, New York.
Botany Worsted Mills, machsts., Passaic, N. J.
Botfield Spec. Mfg. Co., fire brick cement, 624 S. Front, Philadelphia, Pa.
Bothe, J. G., Contr. Co., 1603 N. 18th, St. Louis, Mo.
Bothwell & Carson, contractors, 1523 Franklin, Pittsburgh, Pa.
Bothwell, J. H., architect, Tyler, Texas.
Bothwell, J. L., architect, 3012 Holmes, Dallas, Tex.
Botsford, Chas. H., contractor, 1515 Park av, Bridgeport, Conn.
Botsford Lbr. Co., Winona, Minn.
Bott Bros. Mfg. Co., cooperage stock, Alexandria, Mo.
Bottelli, Romolo, architect, 207 Market, Jersey City, N. J.
Bottiger, Christ, pipe joint paste, 23 Peach, Erie, Pa.
Bottle Capping Mach. Co., 949 B'way, New York.
Bottlers' & Mfrs.' Supply Co., 218 E. 37th, New York.
Bottom Creek Coal & Coke Co., Vivian, W. Va.
Bottomley Machine Co., Alliance, Ohio.
Bottoms, Abel, & Sons Co., contractors, 3611 Walnut, Phila., Pa.
Botts Marking Ink Co., 330 Pearl, New York.
Bottum Valve Co., vacuum valves, 211 W. Schiller, Chicago, Ill.
Botwin & Tunick, contractors, 1252 Lick Run, Cincinnati, Ohio.
Batzum Bros. Co., masons' & bldrs.' matls., Akron, Ohio.
Bouas & Sons, machsts & fndrs, Coulterville, Ill.
Bouchard, John, & Sons Co., mill & facty. supplies, Nashville, Tenn.
Bouchard, Louis C., architect, 64 W. Randolph, Chicago, Ill.
Boucher, H. E., Mfg. Co., machsts., 150 Lafayette, New York.
Boucher, Jos., brick, 180 Plantation, Worcester, Mass.
Boucher, Milton H., mchsts. & fndrs., Meyersdale, Pa.
Boucherle, L., & Son, archts., Stambaugh Bldg., Youngstown, O.
Boudreaux, L. S., lumber, New Orleans, La.
Boughton, C. Frank, machsts., 23 Rose, New York.
Boughton Door Co., self-closing fire & electric-operated doors, mfrs., 311 Atlantic av, Boston, Mass.
Boughton, Wm., H., architect, 1579 Elmwood, av, Buffalo, N. Y.
Bouker Contracting Co., 24 State, New York.
Boulden, Wm. M., & Son, iron fdrs., Chester, Pa.
Boulder Pressed Brick & Lumber Co., Boulder, Colo.
Boulet Fine Tool Wks., Sebago Lake, Me.
Boulin-Gorrell Co., sashes, doors, etc., Lakeport, N. H.
Boulin, V. J., wire forming dies, 1 Union sq., New York.
Bound Brook Crushed Stone Co., Bound Brook, N. J.
Bound Brook Engine & Mfg. Co., steam, 1425 Chestnut, Philadelphia, Pa.
Bound Brook Oil-Less Bearing Co., Bound Brook, N. J.
Bounds, G. A., & Co., canned goods, Hebron, Md.
Bounty, A. E., Co., masons' & bldrs.' matls., Stamford, Conn.
Bour-Davis Motor Car Co., 253 Woodbridge, Detroit, Mich.
Bourbon Copper & Brass Works Co., Cincinnati, Ohio.
Boureau, H. U., & Co., mchsts. & fndrs., 3302 Ludlow, Phila, Pa.
Bourgois & Beaulien, lumber, Jeanerette, La.
Bourgeois & Beaullieu, lumber, Jeannette, La.
Bourke-Rice Envelope Co., 511 W. Jackson blvd, Chicago, Ill.
Bourn Rubber Co., insulated wire, shoes, etc., 58 Warren, Providence, R. I.
Bourne, Frank A., architect, 70 Kilby, Boston, Mass.
Bourne, Jno. R., machsts., Rochester, N. Y.
Bourne & Knowles Mfg. Co., nut mfrs., Cleveland, Ohio.
Bourne Magnetic Truck Co., Sedgley av & 79th, Phila., Pa.
Bourne, W. & Son, pianos, Boston, Mass.
Bourne, Wm., & Son Piano Co., Needham, Mass.

Bourne-Fuller Co., steel structural dealers, Hickox Bldg., Cleveland, Ohio.
Bourneuf, Louis, Corp., steam fitters' & plumbers' supplies, Lynn, Mass.
Bournique Glass Co., Kokomo, Ind.
Bourque & Sears, shoe patterns, Haverhill, Mass.
Bourque Construction Co., Lawrence, Mass.
Bourquin Bros., brick, Archbold, Ohio.
Bourret-Kirkwood Co., laundry machy., 1128 Mission, San Francisco, Cal.
Bouscaren, G., archl. engrs., City Hall, Cincinnati, Ohio.
Bousman Mfg. Co., gasoline strainers, Grand Rapids, Mich.
Boust, A. C., drilling mchs., Northumberland, Pa.
Boustead Elec. & Mfg. Co., dynamo & motor mfrs. & machy. dlrs., 18 E. Hennekin av, Minneapolis, Minn.
Boutan, Victor, contractor, 1519 Terry, Seattle, Wash.
Boutell Mfg. Co., evaporating machy., 558 Lyell, Rochester, N. Y.
Bouton, C. H., meat packers, Marathon, N. Y.
Boutwell Bros., wholesale hdwe., Lowell, Mass.
Boutwell Milling & Grain Co., corn feed & rye flour, Troy, N. Y.
Boutwell, Milne & Varnum Co., granite, Barre, Vt.
Bouvier, J. C. N., contractor, Woonsocket, R. I.
Bovaird & Co., mchsts. & fdrs., Bradford, Pa.
Bovaird & Seyfang Mfg. Co., mchsts. & fdrs., Bradford, Pa.
Bovaird Supply Co., mill & facty. supplies, Sapulpa, Okla., & Independence, Kans.
Bovee Furnace Wks., Waterloo, Ia.
Bovers, John A., architect, 2818 Dalton av, St. Louis, Mo.
Bovey-Shute Lumber Co., 1210 McKnight Bldg., Minneapolis, Minn.
Bovyer & Sons, contractors, 2407 California, San Francisco, Cal.
Boward, H. M., & Sons Co., contractors, Black Bldg., Los Angeles, Cal.
Bowd, E. A., architect, Lansing, Mich.
Bowden Bros., cotton batting, Cedar Grove, N. J.
Bowden, Fred'k., masons' & bldrs.' matls., 218 Orange, Newark, N. J.
Bowden, Geo. M., contractor, Minerva, Ohio.
Bowden Lime Wks., Saingaw, Ala.
Bowden, Mills C., contractors, Galveston, Tex.
Bowden, Thos., granite prod., New Haven, Conn.
Bowden, Thos J., & Son, lumber, Marblehead, Mass.
Bowditch, Arthur H., architect, 44 Bromfield, Boston, Mass.
Bowditch, Ernest W., landscape archt., 29 Central, Boston, Mass.
Bowditch, Jas. H., landscape archt., Tremont Bldg., Boston, Mass.
Bowditch, Walter, masons' & bldrs.' matls, Haines & Baynton, Gtn., Philadelphia, Pa.
Bowdle Bros., mchsts. & fndrs., Piqua, Ohio.
Bowdle. C. F., architect, Piqua, Ohio.
Bowdlear, W. H., Co., wax, 69 Broad, Boston, Mass.
Bowdon Oil Mills, Bowdon, Ga.
Bowdry, H. N., contractor, Empire Bldg., Birmingham, Ala.
Bowdry & McKinley Iron Wks., fndrs., Fort Worth, Tex.
Bowe, Burke Co., contractors, Duluth, Minn.
Bowe Carriage Co., Wilmington, Del.
Bowell, C. J., architect, 4218 Dodge, Omaha, Neb.
Bowen, C. E., contractor, Canton, Ohio.
Bowen & Davis, architects, G-McK. Bldg., Fresno, Cal.
Bowen, F. J., architect, St. Anthony Bldg., San Antonio, Tex.
Bowen, Howard, architect, 30 N. La Salle, Chicago, Ill.
Bowen-Jewell Co., cotton bagging, Jewell, Ga.
Bowen, John Co., contractors, 184 Dudley, Boston, Mass.
Bowen Products Corp., Auburn div., grease cups, 357 Canal, Auburn, N. Y.
Bowen Products Corp., lubricators, E. 72nd, Cleveland, O.
Bowen & Ray, fertilizer, Bowman, Ga.
Bowen, Richard T., contractor, Atlantic City, N. J.
Bowen, S. R., Co., contrs., Mason City, Ia.
Bowen, S. R., Co., machinists, Coalinga, Cal.
Bower, C. P., contractor, Roberts & Wayne av, Philadelphia, Pa.
Bower & Carper, canned goods, Bedford, Va.
Bower, F. C., canned goods, Troutville, Va.
Bower, Henry, Chemical Mfg. Co., chemicals, Gray's Ferry rd & 29th, Philadelphia, Pa.
Bower, John, Co., meat packers, 24th & Brown, Philadelphia, Pa.
Bower Knitting Co., sweaters, etc., Hawley, Pa.
Bower, Lee & Son, canned goods, Troutville, Va.
Bower Roller Bearing Co., Hart av, nr Mack, Detroit, Mich.
Bower, W. Frank, architect, 44 Harrison, East Orange, N. J.
Bowers Bros., contractors, Fargo, N. D.
Bowers Bros. & Co., heating contrs., 1629 Ludlow, Phila., Pa.
Bowers, Chas., contractor, Arcanum, Ohio.
Bowers, L. M., & Co., mchsts. & fndrs., Binghamton, N. Y.
Bower's Machine Works, Canon, Ga.
Bowers, M. B., machsts. & fndrs., Hackettstown, N. Y.
Bowers & Mower, naval architects, Chestnut & 5th, Phila., Pa.
Bowers Pottery Co., Mannington, W. Va.
Bowers, R. C., Granite Co., Montpelier, Vt.
Bowers, Robt. W., architect, York, Pa.
Bowers Rubber Works, 68 Sacramento, San Francisco, Cal.
Bowers, S. P., Co., lbr., 112 N. Broad, Philadelphia, Pa.
Bowers Southern Dredging Co., Galveston, Tex.
Bowers, U. R., & Sons, floor finish, paint mfrs., etc., Los Angeles. Cal.
Bowers, W. A., Heating Co., 484 Market, Milwaukee, Wis.
Bowers, Warren, machsts., Chicora, Pa.
Bowes, H. W., masons' & bldrs.' matls., Bath, N. Y.
Bowie County Cotton Oil Co., meal, fertz. mfrs., New Boston, Tex.
Bowie, E. W., flour mills, Daleville, E. W.
Bowie Lumber Co., Bowie, La.
Bowie Stove Co., Rome, Ga.
Bowie Switch Co., Nevada Bank Bldg., San Francisco, Cal.
Bowien, Chas. C., sash, door & blind, Red Lodge, Mont.
Bowker Bros., trunk mfrs., 11 Columbia, Boston, Mass.
Bowker Chemical Co., oxide of iron, etc., 2 Rector, New York.
Bowker, F. S., ship bldr., Phippsburg, Me.
Bowker Fertilizer Co., 43 Chatham, Boston, Mass., & 60 Trinity pl, New York.
Bowker, Torrey Co., marble interior wk., 158 A, Boston, Mass.
Bowler Foundry Co., 1688 Columbus rd, Cleveland, Ohio.
Bowler & Jones, harness mfrs., Freeport, Ill.
Bowler, M. J., carriages, Holyoke, Mass.
Bowler, Robt. B., architect, 101 Park av, New York.
Bowler, T. J., Hardware Co., 65 E. Lake, Chicago, Ill.
Bowles & Bals, mattresses, Corry, Pa.
Bowles Bros. Co., flour, Los Angeles, Cal.
Bowles Co., mill & facty. & plumbers' supplies—jobbers, Seattle, Wash.
Bowles, H., architect, 112 W. 9th, Los Angeles, Cal.
Bowling, Andrew, flour mills, Staunton, Va.
Bowling Green Mach. Co., Bowling Green, Ky.
Bowling Green Milling Co., flour, Bowling Green, Ky.
Bowling Green Motor Truck Co., Bowling Green, Ohio.
Bowlus Mfg. Co., low down combination water closets, Springfield, Ohio.
Bowman, A. W., & Co., wireless instruments, Boston, Mass.
Bowman, Ben., contractor, Newport, Ky.
Bowman-Blackman Mach. Tool Co., 1513 W. B'way, St. Louis, Mo.
Bowman Bros. Co., masons' & bldrs.' matls., McKeesport, Pa.
Bowman, C. C., contractor, Bloomington, Ill.
Bowman Carriage Co., auto bodies, wheels, etc., Sacramento, Cal.
Bowman, C. P., Hardware Co., Staunton, Va.
Bowman, D. F., Co., waste cotton & wool, New Albany, Ind.
Bowman, E. R., htg. contrs., 3211 Lorain, Cleveland, Ohio.
Bowman, F. E., & Co., archts. & contractors, Comcl. Club Bldg., Portland, Ore.
Bowman, Geo. A., mill & facty. supplies, Utica, N. Y.
Bowman, Geo. H., Co., aluminum ware, etc., 224 Euclid av, Cleveland, Ohio.
Bowman, Herbert C., architect, 261 B'way, New York.
Bowman, I., canned goods, Boone Mill, Va.
Bowman Lumber Co., Williamsport, Pa., & St. Albans, W. Va.
Bowman, M. K.-Edson Co., contractors, tools & supplies, 64 Dey, New York.
Bowman, Paul G., machsts., Bellefontaine, Ohio.
Bowman, S. H., Lbr. Co., 1121 Lbr. Ex., Minneapolis, Minn.
Bowman, Sidney B., Auto Co., 225 W. 49th, New York.
Bowman Supply & Mfg. Co., plumbers' & mill & facty. supplies, 890 Main, Pittsburgh, Pa.
Bowman Technical School, engng., Lancaster, Pa.
Bowman, W. N., architect, Central Savings Bk., Denver, Colo.
Bowman, Walker, chemical engineer, 39 Cortlandt, New York.
Bowman, Wm., scrap iron, 1325 Eastern av, Baltimore, Md.
Bowman's, Ezra F., Sons, mchsts. & fdrs., Lancaster, Pa.
Bowman-Blackman Machine Tool Co., machy. dealers, 1513 N. B'way, St. Louis, Mo.
Bowman-Hicks Lumber Co., Kansas City, Mo.
Bown, Geo. G., & Sons, carriages, Fairport, N. Y.
Bowning, Wm. J., lbr. mfrs., Salisbury, Md.
Bowser, R. M., & Son, display racks, Renfrew, Pa.
Bowser, S. F., & Co., oil tanks & pumps, Fort Wayne, Ind.
Bowser Sanitary Mfg. Co., water closets, Lafayette, Ind.
Bowsher, N. P., Co., machinery specialties, South Bend, Ind.
Bowstead, Henry G., architect, Marion, Ind.
Bowyer, O. M., mchsts. & fdrs., Fincastle, Va.
Box, Albert K., music cabinets, Pulaski, N. Y.
Box, Alfred, & Co., cranes, hoists, etc., Front, Poplar & Canal, Philadelphia, Pa.
Boxall, Geo. W., contractor, Montclair, N. J.
Boxill & Burel, Carbon brushes, Indianapolis, Ind.
Boxton, Geo. W., & Son, contractors, Hearst Bldg., San Francisco, Cal.
Boyajohn-Arnold Co., contractors, Panama Bldg., Portland, Ore.
Boyce, Alex. R., machsts., ft. Front, Long Island City, N. Y.
Boyce Cotton Oil & Mfg. Co., Ltd., Boyce, La.
Boyce Hardware Co., Port Huron, Mich, & Wellsville, N. Y.
Boyce Lumber & Realty Co., Boyce, La.
Boyce, Myron J., models, gas regulators, 1 Bethune, New York.
Boyce, W. E., Bldg. & Mfg. Co., 1153 Wells, Chicago, Ill.
Boyd & Berry, contractors, 11 Crampion Way, Boston, Mass.
Boyd, C., Paper Co., Appleton, Wis.
Boyd, Caleb B., stone, Morgantown, W. Va.
Boyd, Chas. C., & Co., lumber mfrs., Glenn Bldg., Cincinnati, O.
Boyd Construction Co., Ger. Life Bldg., St. Paul, Minn.
Boyd & Cook, contractors, Reibold Bldg., Dayton, O.
Boyd, D. Knickerbocker, architect, 139 S. 15th, Philadelphia, Pa.
Boyd, Douglas & Co., fertilizer, Griffin, Ga.
Boyd, F. O., & Co., alcohol, 433 Washington, New York.
Boyd, F. Shirley, auto. springs, 903 Boylston, Boston, Mass.
Boyd, Fred., Co., masons' & bldrs.' matls., Seattle, Wash.

Boyd, Harry C., contractor, Coraopolis, Pa.
Boyd & Harvey Co., ties, poles, etc., Augusta, Me.
Boyd, J. S., Co., velvets, Williamstown, Mass.
Boyd, Jas., candles, 408 W. 26th, New York.
Boyd, Jas. & Bro., hose & fire couplings, 25th & Wharton, Philadelphia, Pa.
Boyd, Jno., Plumbing & H'tg Co., 284 Columbus av, New York.
Boyd, John T., Jr., architect, 15 E. 40th, New York.
Boyd, James, & Bro., fire dept. supplies, 25th & Wharton, Philadelphia, Pa.
Boyd, Lawrence V., architect, Harrison Bldg., Philadelphia, Pa.
Boyd, Lunham & Co., meat packers, 208 S. La Salle, Chicago, Ill.
Boyd, Paul L., architect, 1118 Chestnut, Philadelphia, Pa.
Boyd & Saucer, turpentine, Baldwin, Fla.
Boyd & Schafer, masons' & bldrs.' matls., Erie, Pa.
Boyd & Stewart, architects, Century Bldg., Pittsburgh, Pa.
Boyd, W. E., mchsts. & fndrs., Queen City, Texas.
Boyd, Wm., Jr., architect, Vandergrift Bldg., Pittsburgh, Pa.
Boyd, Wm. S., architect, 203 W. 14th, New York.
Boydell Bros. White Lead & Color Co., Detroit, Mich.
Boyden, Ernest N., architect, 85 Water, Boston, Mass.
Boye & Emmes Machine Tool Co., Spring Grove av, Cincinnati, O.
Boyer, A., Broom Co., Galesburg, Ill.
Boyer-Campbell Co., mill & facty. supplies, Congress & Brush. Detroit, Mich.
Boyer, E. W., architect, Ferguson Bldg., Pittsburgh, Pa.
Boyer, Geo. H., architect, Lebanon, Pa.
Boyer, Harry, Inc., contrs., Billings, Mont.
Boyer, J. Frank Co., htg. contrs., Norristown, Pa.
Boyer, J. R. C., oils, 29 B'way, New York.
Boyer, Lynn H., architect, Wildwood, N. Y.
Boyer, Mahlon H., lumber, Pine Grove, Pa.
Boyer & Rogers, architects, Pocatello, Idaho.
Boyer, W. C., & Son, architects, Higginsville, Mo.
Boyer, W. W., & Co., canned goods, 2327 Boston, Baltimore, Md.
Boyers & Baldwin, machsts. & fndrs., Los Angeles, Cal.
Boyes & Blandford Co., contrs., Grand Rapids, Mich.
Boyertown Burial Casket Co., Boyertown, Pa.
Boyes, Hulshizer & Co., flour, Seward, Neb.
Boyeson, H. C., & Co., advtg. novelties, 350 Minnesota st., St. Paul, Minn.
Boylan, Wm. H., architect, 390 George, New Brunswick, N. J.
Boyland, Jno. P., architect, 2526 Webster av, New York.
Boyle, A. S. Co., paint & varnish remover, 1934 Dana av, Cincinnati, Ohio.
Boyle Bros., machsts. & fndrs., Woodward, Okla.
Boyle, C. A. & Co., enamel cleaner, 643 Washington blvd, Chicago, Ill.
Boyle Can Co., Maryland Trust Bldg., Baltimore, Md.
Boyle, Clarence, Inc., lbr., Lumber Exchange Bldg, Chicago, Ill.
Boyle, Frank, & Sons, contractors, 154 E. 40th, New York.
Boyle, Harry C., & Co., architects, Evansville, Ind.
Boyle, J., & Co., canned goods, Wolfe & Thames, Baltimore, Md.
Boyle, Jas., cattle stanchions, Salem, Ohio.
Boyle, Jas. A., architect, 367 Fulton, Brooklyn, N. Y., & Bennett Bldg., Wilkes-Barre, Pa.
Boyle, Jas. W., contractor, Freeland, Pa.
Boyle, John & Co., canvas stitched belting mfrs., 112 Duane, New York.
Boyle, John, & Co., mchsts. & fdrs., Peabody, Mass.
Boyle, Jno., Co., mural decorators, New Britain, Conn.
Boyle, John, & Co., canvas roofing & tents, etc., 112 Duane, New York.
Boyle, John F., Co., paper & pulp mills, 500 Montgomery, Jersey City, N. J.
Boyle, P. J., mach. & fdr., Mangum, Okla.
Boyle & Prowler, archt., 367 Fulton, Brooklyn, N. Y.
Boyle-Robertson Constr. Co., 1516 H, N. W., Washington, D. C.
Boyle, Thos., cornices, La Salle, Ill.
Boyle, Thos., stone, 174 Riverside av, Newark, N. J.
Boylston Mfg. Co., shoe machy., 251 A, Boston, Mass.
Boylston Steam Specialty Co., pressure regulators, 116 W. Illinois, Chicago, Ill.
Boyne City Chemical Co., wood alcohol, Boyne City, Mich.
Boyne City Lumber Co., Boyne City, Mich.
Boynton, Chas. E., architect, Limerick, Me.
Boynton & Church, contractors, Merchants National Bk. Bldg., St. Paul, Minn.
Boynton & Co., mouldings, wood turnings, etc., 1725 Dickson, Chicago, Ill.
Boynton Furnace Co., mchsts. & fndrs., 106 W. 37th, New York.
Boynton, H. R., Co., mill & facty. & plumbers' supplies, 216 N. Los Angeles, Los Angeles, Cal.
Boynton, John H., parquet floors, Flatiron Bldg., New York.
Boynton Land & Lbr. Co., 915 Olive, St. Louis, Mo.
Boynton, Louis H., architect, Ann Arbor, Mich.
Boyt, Walter, Saddlery Co., Des Moines, Ia.
Boyts, Porter, & Co., machsts. & fdrs., Connellsville, Pa.
Bozarth Lbr. Co., Egg Harbor City, N. J.
Bozman, C. W., & Son, canned goods, Eden, Md.
Bozeman Milling Co., flour, Bozeman, Montana.
Braas Bros. Co., contractors, Niagara Falls, N. Y.
Braasch, Walter, contrs., Manitowoc, Wis.
Braband, Frank J. E., architect, 901 Wrightwood av, Chicago, Ill.
Brabant, Gifford, architect, 2717 N. Kedzie av, Chicago, Ill.
Brabson Bros., mchsts. & fndrs., hdwe. mfrs., 47 Hamilton, Newark, N. J.
Brace, A. E., Constr. Co., Gloversville, N. Y.
Brace & Hergert Mill Co., lumber mfrs., Seattle, Wash.
Brace Leather Goods Co., auto. straps, Pontiac, Mich.
Brace, Leonard W., architect, Flint, Mich.
Brach, T. S., Supply Co., wax (dry battery), 129 Sussex av, Newark, N. J.
Bracher Co., stones, razor hones, whetstones, Belleville, N. J.
Brackbill, T. L., carriages, Strasburg, Pa.
Brackett Bridge Co., steel struct. wk., First Nat. Bank Bldg., Cincinnati, Ohio.
Brackett Construction Co., 1st Nat. Bk. Bldg., Cincinnati, Ohio.
Brackett, H. F., & Co., scrap iron & steel, 77 Newman, Boston, Mass.
Brackett, J. L. & Co., trunk mfrs., Portland, Me.
Brackett, Josiah, & Son, Sumac, 134 Summer, Boston, Mass.
Brackett, S. S., lbr. mfrs., Greenland, N. H.
Brackett, Shaw & Lunt Co., machsts. & fdrs., Somersworth, N. H.
Brackney, C. C., architect, Knoxville, Tenn.
Bradbury Bros., htg. contrs., Denver, Colorado.
Bradbury, Eugene, architect, Charlottesville, Va.
Bradbury, Edwin H., contr., Sheidley Bldg., Kansas City, Mo.
Bradbury, Frank, & Son, paving blacks—asphalt, West Franklin, Me.
Bradbury Marble Co., 4165 Duncan, St. Louis, Mo.
Braddock Lumber Co., Braddock, Pa.
Braddock Manufacturing Co., machsts. & fdrs., Braddock, Pa.
Braden, A. R., lumber, Clarington, Pa.
Braden Mfg. Co., conductor pipe mfrs., cornices, Terre Haute, Ind.
Braden Printing Ink Co., Caxton Bldg., Cleveland, O.
Bradentown Hardware Co., Bradentown, Fla.
Bradford Belting Co., 2nd & Walnut, Cincinnati, O.
Bradford Co., advtg. signs, St. Joseph, Mich.
Bradford Co., importer of aluminum products, 200 5th av, New York.
Bradford & Deruchie, cornices, 439 E. Water, Syracuse, N. Y.
Bradford Draft Gear Co., 30 Church, New York, & 4th Natl. Bk. Bldg., Atlanta, Ga.
Bradford & Elliott, flour mills, Sunrise, Ky.
Bradford Fireproofing Co., Bradford, Pa.
Bradford, G. M., pckg. box mfrs., Williamsburg, Mass.
Bradford Hdw. Lbr. Co., Bradford, Pa.
Bradford-Hicks Lumber Co., Shreveport, La.
Bradford, J. W., architect, Fort Dodge, Ia.
Bradford, James, Co., paints, 8 E 3d, Wilmington, Del.
Bradford, Jos. N., architect, Brown Hall, O. S. U., Columbus, O.
Bradford-Kees Lbr. Co. (Ltd.), Lofton, La.
Bradford-Kennedy Co., lumber, Omaha, Neb.
Bradford, Kyle & Co., wire, Plymouth, Mass.
Bradford, Louis, Lumber Co., South Omaha, Neb.
Bradford Machine Tool Co., 657 Evans, Cincinnati, Ohio.
Bradford Milling Co., flour, Bradford, Tenn.
Bradford Motor Wks., mchsts. & fdrs., Bradford, Pa.
Bradford Pressed Brick Co., Bradford, Pa.
Bradford, R. E., auto gloves, Gloversville, N. Y.
Bradford Soap Wks., Hughesdale, R. I.
Bradford Supply Co., oil well supplies, Bradford, Pa.
Bradford, Thos., machsts., Danielson, Conn.
Bradford, Wm. A., Co., soil, pipe, hooks, Chestnut Quincy, Mass.
Bradford, W. W., canned goods, Bel Air, Md.
Bradford Wool Comb Co., machsts., 2630 Mascher, Phila., Pa.
Bradford & Co., advtg. nov. & spec., St. Joseph, Mich.
Bradl, Frank, cornices & skylights, Ludington, Mich.
Bradlee & Chatman Co., machsts. & fndrs., 54 Canal, Boston, Mass.
Bradlee & Co., chain mfrs., 726 Richmond, Philadelphia, Pa.
Bradley, A. J., Mfg. Co., stencil inks, paper, etc., 101 Beekman, New York.
Bradley Brick Co., Mooresville, Ind.
Bradley & Co., contrs., Portsmouth, O.
Bradley, C. C., & Son, power hammers, etc., Syracuse, N. Y.
Bradley, C. E., Motor Co., spark plugs, 268 Diamond, Phila., Pa.
Bradley, Chas. C., architect, 815 Chestnut, St. Louis, Mo.
Bradley, Chas. S., canned goods, Preston, Md.
Bradley, Chas. S., & Sons, metallurgical engrs., 41 Park Row, New York.
Bradley Co., cornices, New Haven, Conn.
Bradley Co., lumber, Tomahawk, Wis.
Bradley Contracting Co., 1 Madison av, New York.
Bradley, D. M., ties, poles, Hagan, Ga.
Bradley, David, Machine Works, malleable & steel castings, Bradley, Ill.
Bradley & Farnham, can openers, locks, catches, etc., Middlefield, Conn.
Bradley, G. W., Axe & Tool Mfg. Co., Newburgh, N. Y.
Bradley Gin Saw Filer Co., Dallas, Tex.
Bradley, H. C., machsts., Bridgeport, Conn.
Bradley, H. S., architect, 756 S. B'way, Los Angeles, Cal.
Bradley Heating Co., 3834 Olive, St. Louis, Mo.
Bradley & Hubbard Mfg. Co., mchsts. & fdrs., electric & gas light fixtures, Meriden, Conn.
Bradley Iron Wks., rust-proofing, 37 Ferris, Brooklyn, N. Y.
Bradley, John, tubular boilers, 304 Ferry, Newark, N. J.

Bradley, John C., contractor, Corning, N. Y.
Bradley Knitting Co., sweaters, cardigans, Delavan, Wis.
Bradley Lumber Co., Warren, Ark.
Bradley Mfg. Works, machts., brass & composition fdrs., Bradley, Ill.
Bradley, Miller & Co., lbr. mfrs., Bay City, Mich.
Bradley, Milton, Co., toys, games & nov., Springfield, Mass.
Bradley, N. B. & Sons, salt mfrs., Bay City, Mich.
Bradley, Osgood, Car Co., car axles, bldrs, wheels, etc., Worcester, Mass.
Bradley, P. & Sons, agricultural implements, Harrisburg, Va.
Bradley, Perry, machinist, Oberlin, Kans.
Bradley Polytechnic Institute, engng. schools & coll., Peoria, Ill.
Bradley Pulverizer Co., machy., 92 State, Boston, Mass.
Bradley, S. M., lumber, Morehead, Ky.
Bradley & Smith, mill brushes, etc., 251 Pearl, New York.
Bradley Stencil Mach. Co., 3745 Forest Pk. blvd., St. Louis, Mo.
Bradley, Thos. H., mill & facty. supplies, Watertown, N. Y.
Bradley Timber & Ry. Supply Co., Duluth, Minn.
Bradley & Vrooman Co., paints, enamels, etc., 2632 S. Dearborn, Chicago, Ill.
Bradley, W. B., Constr. Co., Richmond, Va.
Bradley, W. C., Co., fertilizer, Columbus, Ga.
Bradley, Walter T. Co., lime mfrs., 9th & Thompson, Phila., Pa.
Bradley, Wm. & Son, stone producers, 547 Vernon av, Long Island City, N. Y.
Bradshaw, C. B., architect, Orange, Cal.
Bradshaw & Co., brick, tile, Fort Dodge, Ia.
Bradshaw, Preston J., architect, Inter'l Life Bldg., St. Louis, Mo.
Bradstreet, Wm. H., plate glass, 165 S. Pearl, Albany, N. Y.
Bradt, Henry J., contractor, Jackson, Mich.
Bradt Paint Specialty Co., Troy, N. Y.
Bradway, C. P., Machine Wks., West Stafford, Conn.
Bradway Novelty Co., soap bubblers, 1 W. B'way, New York.
Brady, A. J., contractor, Marion, O.
Brady, A. P., contr., Humboldt Bk. Bldg., San Francisco, Cal.
Brady, Albert I., architect, 15 Broad, New York.
Brady Brass Co., mchsts. & fndrs., 170 14th, Jersey City, N. J.
Brady Bros., contractors, Bayonne, N. J.
Brady Bros., lbr. mfrs., Tonawanda, N. Y.
Brady & Co., heating contrs., 125 Curtis, Chicago, Ill.
Brady, Edward, & Son, contrs., 1113 Cathedral, Baltimore, Md.
Brady Elec. Mfg. Co., New Britain, Conn.
Brady, F. A., Inc., hdwre. who., 30 Church, New York.
Brady & Fitzpatrick, contractors, Troy, N. Y.
Brady, Harold B., architect, 29 Academy, Jersey City, N. J.
Brady, Jas., masons' & bldrs., matls., Lansdale, Pa.
Brady, Jas. A., Fdry. Co., 35th & Ashland av, Chicago, Ill.
Brady, Jas B., Co., crushed stone, 525 E. 118th, New York.
Brady, John T., & Co., contractors, 193 Park av, New York.
Brady, Jos. L., architect, Keokuk, Ia.
Brady, R. H., contractor, Wilmington, N. C.
Brady, S. D., architect, Franklin, Pa.
Brady, W. B., Const. Co., 111 W. Washington, Chicago, Ill.
Brady, Wm. M., architect, 15 Alexander av, Yonkers, N. Y.
Brady's, Jas., Sons Co., contractors, Bayonne, N. J.
Braeburn Steel Co., Braeburn, Pa.
Braecklein, J. G., archt., Massachusetts Bldg., Kansas City, Mo.
Braemer Air Conditioning Corp., apparatus, Lafayette Bldg., Philadelphia, Pa.
Braender Bldg. & Constr. Co., 315 4th av, New York.
Braender, Philip, cellar drainers, 315 4th av, New York.
Braender Rubber & Tire Co., Rutherford, N. J.
Bragaw Fertilizer Co., Washington, N. C.
Bragdon, Claude F., architect, Cutler Bldg., Rochester, N. Y.
Bragdon, L. C., granite prod., Franklin & North Sullivan, Me.
Bragdon, Louis G., contractor, West Medford, Mass.
Brager, B., & Sons, garment hangers, display racks, 84 5th av, New York.
Bragg, Jno. I., machsts., 24 Atwood, Providence, R. I.
Bragg, N. H., & Sons, wholesale hdwe., Bangor, Me.
Bragger, J. J., fndrs., Watertown, N. Y.
Braggins, John H., & Sons, cornices, Erie, Pa.
Bragonier, A. C., & Son, lubrg. oils, 343 N. Calvert, Balto., Md.
Bragstad Concrete Machy. Co., Canton, S. D.
Bragstad, Jos. W., architect, Davidson Bldg., Sioux City, Ia.
Braid Electric Co., mchsts. & fdrs., Nashville, Tenn.
Brainard Bros., meat packers, 15 Exch. pl, Jersey City, N. J.
Brainard Crusher-Pulverizer Co., Old Colony Bldg., Chicago, Ill.
Brainard, Owens, architect, 52 Vanderbilt av, New York.
Brainard & Wilson Co., sliding furn. shoes, Danbury, Conn.
Brainerd & Armstrong Co., silk thread, New London, Conn.
Brainerd & Leeds, architects, 89 Franklin, Boston, Mass.
Brainerd Mfg. Co., door bolts, holders, etc., E. Rochester, N. Y.
Brainerd, Shaler & Hall Quarry Co., stone producers, Portland, Conn.
Brainerd, Wm. L., architect, Paducah, Ky.
Braintree Rubber Cement Co., S. Braintree, Mass.
Braithwaite, C. W., Co., label & paint mfrs., 313 So. Canal, Chicago, Ill.
Braithwaite, J. C., canned goods, Cross Junction, Va.
Braithwaite, Jesse, architect, Spanish Fork, Utah.
Brakeley, A., canned goods, Bordentown, N. J.
Brakeley, J., canned goods, Freehold, N. J.
Brakeman, Harvey, architect, Franklin, Pa.
Braman, Dow & Co., mill & facty. supplies, 239 Causeway, Boston, Mass.
Braman Mfg. Co., wood nov., Carthage, N. Y.
Brambach Piano Co., 643 W. 49th, New York.
Bramble, James A., canned goods, Joppa, Md.
Bramble, T. M., & Co., canned goods, Cambridge, Md.
Bramblet & Huseman, architects, Oklahoma Bldg., Oklahoma City, Okla.
Bramcote Fdry. & Mach. Co., Pottstown, Pa.
Bramer, E. L., contractor, Lyons, N. Y.
Bramhall-Deane Co., cooking app., 261 W. 36th, New York.
Bramlage, Louis, l'br., Hamburg, Ind.
Brammer, H. F., Mfg. Co., machsts. & fndrs., Davenport, Ia.
Branagan, Jas. M., electric & gas light fixtures, 537 W. Erie, Philadelphia, Pa.
Branch Saw Co., 2323 W. 9th, St. Louis, Mo.
Brand, August, carriages, Springfield, Ill.
Brand, Chas. F., burners, furnaces, garbage, etc., 16th & Jacob, Wheeling, W. Va.
Brand-Dunwoody Milling Co., flour, Joplin, Mo.
Brand, Gustave A., & Co., leaded glass, 1428 Michigan av, Chicago, Ill.
Brand & Hardin Milling Co., flour, Saginaw, Mich.
Brand, Herman, bone dealer, 404 E. 48th, New York.
Brand & Herrman, electro plating, 247 Centre, New York.
Brand, John T., stone producers, Lithonia, Ga.
Brand & Newmeyer Granite Co., Lithonia, Ga.
Brand, S. H., Co., mill & facty. supplies, 559 W. Lake, Chicago, Ill.
Brand Stove Co., 319 6th, Milwaukee, Wis.
Brand, William F., flour mills, Staunton, Va.
Brandano, Daniel, contractor, Malden, Boston, Mass.
Brandau Shoe Co., 89 Sherman, Detroit, Mich.
Brandeis Machinery & Supply Co., contractors' tools & supplies, 331 W. Main, Louisville, Ky.
Brandes, C., wireless tel. instruments, 32 Union sq., New York.
Brandes, Carl, machinist, 1327 Otto, Chicago, Ill.
Brandenberg Cobbling Supply Co., 157 W. Grand av, Chicago, Ill.
Brandenburg, E. G., Construction Co., Temple ct., Minneapolis, Minn.
Brandin, Wm., architect, 55 Vanderveer av, Brooklyn, N. Y.
Brandis & Sons' Mfg. Co., engng. & surveying instruments, 754 Lexington av, Brooklyn, N. Y.
Brandis, Wm., cornices, 3109 Reading rd, Cincinnati, Ohio.
Brandner, L. T., architect, U. S. Yards, Chicago, Ill.
Brandon, D. F., contractor, Chattanooga, Tenn.
Brandon, D. S., brick, Huntsville, Ala.
Brandon, Isaac, & Bro., crude rubber, 17 Battery pl, New York.
Brandon Lime & Marble Co., Leicester Junction, Vt.
Brandon Lumber Co., Auburn, Ind.
Brandon Marble Co., Brandon, Vt.
Brandon Mills, cotton sheetings, Greenville, S. C.
Brandsville Canning & Preserving Co., Brandsville, Mo.
Brandt, A. H., machsts. & fndrs., Carmi, Ill.
Brandt, A., Upholstering Co., bed springs, Fort Worth, Tex.
Brandt, Berkley, architect, 30 N. Michigan av, Chicago, Ill.
Brandt Bros., cornices & skylights, Spokane, Wash.
Brandt, C. H. W., chicory mfrs., Stockton, Cal.
Brandt Cashier Co., 1 Madison av, New York, & 1018 S. Wabash av, Chicago, Ill.
Brandt, Christian W., architect, Kresge Bldg., Detroit, Mich.
Brandt Clay Products Co., drain tile, Binghamton, N. Y.
Brandt-Dent Co., machsts. & fndrs., Watertown, Wis.
Brandt, Harry, Constr. Co., Seattle, Wash.
Brandt, J. M., machst. & fndr., Bellevue, Ia.
Brandt, John, architect, 271 W. 125th, New York.
Brandt, Louis, architect, 1900 Euclid av, Cleveland, Ohio.
Brandt Mfg. Co., spray pumps, 310 3rd av, N., Minneapolis, Minn.
Brandt, Randolph, gum gaskets; packing mfrs.; pump valves, 70 Cortlandt, New York.
Brandt & Stevens, contractors, Hearst Bldg., San Francisco, Cal.
Brandt, W. H., & Co., masons' & bldrs.' matls., 3015 Walnut, Milwaukee, Wis.
Brandwein, A., mattresses, 3945 Wentworth av, Chicago, Ill.
Brandywine Fibre Products Co., 815 Shipley, E. Wilmington, Del.
Branitzky, N. Thos., architect, 54 W. Randolph, Chicago, Ill.
Brann & Stuart Co., contractors, Commer. Trust Bldg., Philadelphia, Pa.
Branner, John K., architect, 519 California, San Francisco, Cal.
Branning Mfg. Co., lbr., Edenton, N. C.
Brannon, Chas. W., architect, 17 E. Cannon, Dayton, Ohio.
Brannon, W. A., Co., fertilizer, Moreland, Ga.
Brannum-Keene Lbr. Co., sash, door & blind mfrs., Indianapolis, Ind.
Brannum Lumber Co., Alexandria, Ind.
Branson, A. L., brick, Marlin, Tex.
Bransford, G. H., & Son, brick, Fulton, Ky.
Branson & Griswold Hdwe. Co., Trinidad, Colo.
Bransford Mills, flour, Owensboro, Ky.
Bransford, T. L., & Sons, brick, common, Union City, Tenn.
Brant, A. A., Lumber Co., Toms River, N. J.
Brant & Apple Co., ties, poles & posts, Lucasville, Ohio.
Branthoover & Johnston Co., mill & facty. supp., Cambridge, O.
Brantley & Doby, granite producers, Lithonia, Ga.

Brantley, W. L., lumber, Sylvania, Ga.
Branyon, M. L., & Bro., masons' & bldrs.' matls., Mansfield, Ohio.
Brasco Mfg. Co., brass door guards, thresholds, bank railings, copper store fronts, 1451 S. Michigan av, Chicago, Ill.
Brashear-Burns Co., contractors, 210 W. 7th, Los Angeles, Cal.
Brasher, H. D., Lbr. Co., Columbus, Ohio.
Brass & Bronze Orna. Art Mfg. Co., elec. light fix. mfrs., 1061 Mission, San Francisco, Cal.
Brass City Lbr. Co., sash, dor & blind mfrs., Waterbury, Conn.
Brass Fixtures Co., elec. light fix. mfrs., Southington, Conn.
Brass Fndrs. Supply Co., Hamburg pl, Newark, N. Y.
Brass Fdry. Co., Peoria, Ill.
Brass Goods Mfg. Co., 533 Union, Brooklyn, N. Y.
Brass Goods Mfg. Co., 107 Lafayette, New York.
Brass Product Co., brass fndrs., Detroit, Mich.
Brass Spec. Co., desk sets, 1645 N. 10th, Philadelphia, Pa.
Brass World & Plasterer's Guide, trade publication, 55 Duane, New York.
Brassart Fixture Co., elec. & gas light fixtures, 20 Warren, New York.
Brassington, Jno., Inc., advtg. spec., Milwaukee, Wis.
Braswell, S. G., flour mills, Boma, Tenn.
Brattain, E. C., lumber, Lena, Ind.
Braucher, Ernest, architect, 6 N. Clark, Chicago, Ill.
Braudy, M., & Sons, mill & facty. supplies, Grand Rapids, Mich.
Brauer, A. G., Supply Co., machsts., 316 N. 3rd, St. Louis, Mo.
Brauer Acetylene Lighting Co., Marshalltown, Ia.
Brauer Bros. Mfg. Co., sporting goods, 204 N. 14th, St. Louis, Mo.
Brauer, Justus, & Son, life preservers, 129 Arch, Phila., Pa.
Braumuller Piano Co., 626 W. 43d, New York.
Braun Bros. & Co., lumber, Athens, Wis.
Braun Bros., contrs., Dubuque, Ia.
Braun, Chas., architect, 459 41st, Brooklyn, N. Y.
Braun Corporation, machinery, Los Angeles, Cal.
Braun, D. J., Mfg. Co., machsts. & fndrs., 6800 N. Ashland av, Chicago, Ill.
Braun Electric Mfg. Co., motors, Canal, Dover, Ohio.
Braun, Frank, architect, 585 9th av, Astoria, N. Y.
Braun, Geo. H., architect, Sun Bldg., Detroit, Mich.
Braun, Henry H., architect, 114 E. 28th, New York.
Braun, H. & Son, contrs., Atchison, Kan.
Braun & Howe, masons' & bldrs.' matls., 66 Huron, Brooklyn, N. Y.
Braun, J. G., ornamental iron work, 609 So. Paulina, Chicago, Ill.
Braun, J. M., contractor, Sheboygan, Wis.
Braun, J., & Sons, machsts. & fndrs., 1615 N. 23d, Phila., Pa.
Braun-Knecht-Heimann Co., chemicals, 576 Mission, San Francisco, Cal.
Braun Machine Works, gears, cut, 1321 Gates av, Brooklyn, N. Y.
Braun, Wm. T., architect, 189 W. Madison, Chicago, Ill.
Braunfels, Browning & Co., mill & facty. supplies, 1940 Park av, New York.
Braunschweiger Bros., machinists, Toledo, Ohio.
Braunsdorf, Geo. W., paper, fibre & felt washers, 430 E. 53d, New York.
Braunsdorf, John H., machinist, Pearl River, N. Y.
Braunsdorf-Mueller, machinists, Elizabeth, N. J.
Braunstein Bros., Co., shades, 124 Wooster, New York.
Braunton, Harold, contractor, 180 Jessie, San Francisco, Cal.
Braunton & Leibert, architects, Martin Bldg., El Paso, Tex.
Brauman & Co., mattresses, Welkesburne, Pa.
Brawley, T. R., felt washers, gaskets, etc., 85 Adams, Brooklyn, N. Y.
Braxmar, C. G., Co., fire trumpets, badges, etc., 10 Maiden la, New York.
Bray Bros., masons' & bldrs.' matls., Terre Haute, Ind.
Bray, G. H., contractor, Atlanta, Ga.
Bray, J. N., Lumber Co., Cecil, Ga.
Bray, J., Slate Co., roofing slate, E. Banger, Pa.
Bray & Kates Co., cans, Arlington Heights, Ill.
Bray & Lukens Co., masons' & bldrs.' matls., 861 E. Eagle, Buffalo, N. Y.
Bray, W. T., architect, Fidelity Bldg., Duluth, Minn.
Bray, Wm., architect, Tucson, Ariz.
Brayer Bros., contractors, Smith Blk., Auburn, N. Y.
Brayer, Wm., machsts. & fndrs., South Haven, Mich.
Brayton Engineering Co., Pittock Blk., Portland, Ore.
Brayton Mfg. Co., lantern slides, 431 S. Dearborn, Chicago, Ill.
Brayton, L., Fndry. Co., River Point, R. I.
Brazel Novelty Mfg. Co., advtg. nov., 1710 Ella, Cincinnati, O.
Brazelton Lumber Co., Waco, Tex.
Brazer, Clarence W., architect, 1133 Broadway, New York.
Brazil Clay Co., Brazil, Ind.
Brazil & Drago, architects, 62 State, Rochester, N. Y.
Brazil Face Brick Co, Brazil, Ind.
Brazil Hollow Brick & Tile Co., Brazil, Ind.
Brazil L'br. Co., Brazil, Ind.
Brazil Mach. & Fdry. Co., Brazil, Ind.
Brazil Stamping & Mfg. Co., pressed steel specialties, Brazil, Ind.
Brazilian Turpentine Co. (Ltd.), Glenshaw, Pa.
Brazillian, James A., architect, Chelsea, Mass.
Brazos, A., & Sons, contractors, Middletown, Conn.
Brazos, Frank, contractor, 135 Foote, New Haven, Conn.
Brazos Packing Co., meat, Waco, Tex.
Brazos Valley Cotton Mills, West, Tex.
Bready, Geo. L., architect, 220 W. 42nd, New York.
Breaithwaite, Thos., knitted gloves, Vineland, N. J.
Breakey, L. I., gauge glass fitting, 712 N. State, Marshall, Mich.
Breathwaite, Wm., sweaters, etc., 4931 Gtn. av, Gtn., Phila., Pa.
Breakless Staybolt Co., Pittsburgh, Pa.
Breakwater Co., crushed stone, Cleveland, Ohio.
Brear, S. D., & Son, tubular boilers, Tacoma, Wash.
Brearley, H. P., machy. dlrs., 90 West, New York.
Breault, Geo., contractor, Woonsocket, R. I.
Breault, M., Co., box shooks, Cohoes, N. Y.
Breaux Bridge Brick & Milling Co., Ltd., Breaux Bridge, La.
Breaznell, J. H., battery connectors, 26 Court, Brooklyn, N. Y.
Brecher, E. A., & Co., carbon paper, etc., 119 Lafayette, New York.
Brecht Co., packing house equip., 1201 Cass av, St. Louis, Mo.
Breck, Jos., & Sons Corp., whol. hdwe., 55 Franklin, Boston, Mass.
Breck Photoplay Supply Co., Stereopticons, San Francisco, Cal.
Breckwoldt, J., & Co., sounding boards, Dolgeville, N. Y.
Bredell's Composition Co., paints, 521 Washington, New York, & 818 Mission, San Francisco, Cal.
Bredhoff & Grimley, tin cans, 344 Front, San Francisco, Cal.
Bredt, F., & Co., colors, dyes, tragancanth imprts., 240 Water, New York.
Breeall, Jas., architect, Hibbs Bldg., Washington, D. C.
Breece Mfg. Co., carriage & wagon wheels, Portsmouth, Ohio.
Breed, Edw. W., landscape arch., 340 Main, Worcester, Mass.
Breeding, H. D., architect, Watts Bldg., Birmingham, Ala.
Breeding, W. R., canned goods, Fedralsburg, Md.
Breedon, Geo. W., flour mills, Bolivar, Tenn.
Breedon, Jacob, machsts. & brass fndrs., Adrian, Mich.
Breedon's, Wm., Son, needles (spring knitting), Amsterdam, N. Y.
Breen Art Glass Co., 29 Martin, Milwaukee, Wis.
Breen, Leonard M., bldg. contrs., Paterson, N. J.
Breen, Martin, cornices, Galveston, Tex.
Breen, Michael, contractor, 1362 Inwood av, New York.
Breen & Rinn, contractors, 624 Madison av, New York.
Breen Stone & Marble Co., Kasota, Minn.
Breen, Wm. J., Co., coke & pig iron dlrs., 84 State, Boston, Mass.
Breese Bros. Co., cornices, 2347 Reading rd, Cincinnati, Ohio.
Breeze Carburetor Co., machsts. & fndrs., 250 South, Newark, N. J.
Breher, L. S., acetylene gas generators, 183-187 W. Third, St. Paul, Minn.
Breiby & Bruno, architects, 206 E. 23d, New York.
Breig Bros., contractors, Scranton, Pa.
Breilmaier, E., & Sons Co., architects, 111 Mason, Milwaukee, Wis.
Breining, John A., & Son, lumber, Williamsport, Pa.
Breisinger, Chas., & Son, brick, Bucyrus, Ohio.
Breitung, C. Alfred, architect, Walker Bldg., Seattle, Wash.
Breitung, E. N., & Co., iron ores, Cleveland, Ohio.
Breivogel, Geo., cornices, 46 Rose, New York.
B. R. Elec. Co., telephone app., etc., Kansas City, Mo.
B. R. E. Mfg. Co., plumbers' woodwork mfrs., Hyde Park, Mass.
Bremen Fdry. & Mach. Wks., Bremen, Ga.
Bremen Mfg. Co., machinists, Bremen, Ohio.
Bremer Cut Stone Co., 3100 Roanoke rd, Kansas City, Mo.
Bremer, Hy. F., cornices, 2227 Ogden av, Chicago, Ill.
Bremer, W. A., machinist, Los Angeles, Cal.
Bremmeyer & Bair Co., who. hdwe., Petoskey, Mich.
Brenan, J. T., glass makers' sand, Robinson, Md.
Brenbunfus Engineering Co., Lorain, Ohio.
Brendinger, P. F., contractor, Commer. Trust Bldg., Phila., Pa.
Brendon, Chas., architect, 500 5th av, New York.
Breneman, Chas. W., & Co., window shade mfrs., 2045 Reading rd, Cincinnati, Ohio.
Breneman, H. N., & Co., file mfrs., Lancaster, Pa.
Breneman, Jos. P., contractor, Lancaster, Pa.
Brenet, Joseph P., architect, Oil City, Pa.
Brenham Compress Oil & Mfg. Co., meal, Brenham, Tex.
Brenizer, Warren F., Co., contractors, 141 Q, N. W., Washington, D. C.
Brenkert Light Projection Co., 49 Cortlandt, Detroit, Mich.
Brennan Construction Co., 11 N. La Salle, Chicago, Ill.
Brennan, Frank, contractor, 1409 Ritner, Philadelphia, Pa.
Brennan, J. E., contractor, 180 Jessie, San Francisco, Cal.
Brennan, Jno., & Co., boilers, steel plate wk., etc., 24th & M. C. R. R., Detroit, Mich.
Brennan, Joseph F., cornices & skylights, Jacksonville, Ill.
Brennan, J. W., Construction Co., Geneva, N. Y.
Brennan Packing Co., meat packers, 39th & Normal av, Chicago, Ill.
Brennan, Peter J., & Son, contractors, 624 Madison av, New York.
Brennan, Richard, forgings, 33 River, Buffalo, N. Y.
Brenneman, J. E., dock bldrs., 1523 S. Front, Philadelphia, Pa.
Brennen Motor Mfg. Co., 101 Grape, Syracuse, N. Y.
Brenner Bros. Mfg. Co., electric & gas light fixtures, Meriden, Conn.
Brenner, Ferd., Lumber Co., Alexandria, La.
Brenner, L., & Co., scrap iron, Lebanon, Pa.
Brenner & Weiner, scrap iron, Pottsville, Pa.
Brensike, John, & Son, machsts. & fndrs., Juneau, Wis.

Brent, W. F., contractor, Norfolk, Va.
Brenton, Jos. C., architect, Charleroi, Pa.
Brenton, T. H., brick, Neligh, Neb.
Brereton, W. H., contractor, Des Moines, Ia.
Bresch, B. P., & Bro., soap, 5100 N. 2nd, St. Louis, Mo.
Bresee Mfg. Co., contractors, Mattoon, Ill.
Breseman, E. J., architect, Perkins Bldg., Tacoma, Wash.
BRESLAUER, A., industrial chemicals, soda ash, caustic soda, bicarbonate soda, calcium chloride, cyanide potassium, eucalyptus oil, rosin & dyestuffs, American Nat'l Bank Bldg., San Francisco, Cal.
Breslauer-Lachicotte & Co., canned goods, Waverly Mills, S. C.
Breslin, Andrew, sash, door & blind, Summit Hill, Pa.
Breslin Boiler & Iron Wks., Fort Smith, Ark.
Bressler, C. O., & Co., cornices, Lebanon, Pa.
Bretand, J. V., Bessemer converters, 2917 W. Gd. blvd., Detroit, Mich.
Bretch, A., cornices, 20 Stone, Dayton, Ohio.
Brethauer, G. J., Planing Mill Co., 2250 Bogen, Cincinnati, Ohio.
Bretney, H. V., Co., harness leather, Springfield, Ohio.
Brett & Hall, landscape architects, 248 Boylston, Boston, Mass.
Brett, Wm. P., machinist, Decatur, Ill.
Bretting, C. G., Mfg. Co., mill & facty. supplies, Ashland, Wis.
Brettner, O. L., architect, Holland Bldg., Springfield, Mo.
Bretz, John E., contractor, Springfield, Ill.
Bretz, J. S., Co., ball bearings, 250 W. 54th, New York.
Breuscaud, Jules, contractor, 290 B'way, New York.
Breul, Fred G., machinery, Bridgeport, Conn.
Brewbaker, J. C., canned goods, Buchanan, Va.
Brewer, A. G., machsts. & fndrs., Natick, Mass.
Brewer Bag Co., 78 Pearl, New York.
Brewer, Ben., Brick Co., Colorado Springs, Colo.
Brewer Bros. Co., machinists, 614 Filbert, Philadelphia, Pa.
Brewer, Chas. A., & Sons, vending machy., 6320 Howard av, Chicago, Ill.
Brewer & Co., boiler compounds, disinfectants, metal polish, etc., Worcester, Mass.
Brewer, C. R., Metal Refining Co., ingots, brass & copper, 1312 Dayton, Cincinnati, O.
Brewer Elevator Co., 27 Bowker, Boston, Mass.
Brewer, F. P. & W. A., lbr. mfrs., Saginaw, Mich.
Brewer, G. H., contractors' tents, Shreveport, La.
Brewer, R. G., masons' & bldrs.' matls., Mamaroneck, N. Y.
Brewer-Titchener Corp., eyelets, top irons, etc., Cortland, N. Y.
Brewer, H., & Co., machinery, Tecumseh, Mich.
Brewer, J. H., machinist, Mount Vernon, Ohio.
Brewer, L. R., flour, Hickory, N. C.
Brewer & Locke, fertilizer mfrs., Swedesboro, N. J.
Brewer & Maltster, trade publications, 163 W. Washington, Chicago, Ill.
Brewer & Tyhurst, cornices, 116 Washington, Pittsburgh, Pa.
Brewer, W. L., architect, Greensboro, N. Y.
Brewer, Wm. W., candle machy., Troy, N. Y.
Brewers' Journal, trade publication, 1 Hudson, New York.
Brewing Appliance Spec. Co., machy., Hartford, Conn.
Brewster Bros., contractors, Independence, Kan.
Brewster & Co., automobile bldrs., Queensboro Bridge Plaza, Long Island City, N. Y.
Brewster, E. E., architect, Riverside, Cal.
Brewster, F. K., blasting fuse, caps, etc., Port Ewen, N. Y.
Brewster, Geo. M., & Son, contractors, Tenafly, N. J.
Brewster, H. N., contractor, Ridgefield Park, N. J.
Brewster, Herbert R., architect, 116 Nassau, New York.
Brewster Lumber Co., Savannah, Ga., and Knowlton, Wash.
Brewster & Son, masons' & bldrs.' matls., Ridgefield, N. J.
Brewster, Wm., & Co., machsts. tools, 40 Church, New York.
Brewton Iron Works, Brewton, Ala.
Breyer Bros. Whiting Co., windmills, Waupun, Wis.
Breyman, G. H., & Bros., contractors, Marine Bldg., Toledo, Ohio.
Breyman, Geo. F., & Bros., contractors, Marine Bldg., Toledo, Ohio, and Boston, Mass.
Breyman Leather Co., Portland, Ore.
Brezee & Mallory, architects, Saratoga Springs, N. Y.
Briante Construction Co., Inc., White Plains, N. Y.
Brick & Clay Record, trade publications, 610 Federal, Chicago, Ill.
Brick, Terra Cotta & Tile Co., Corning, N. Y.
Brickell & Brickell, architects, Olean, N. Y.
Brickell Constr. Co., Watertown, S. D.
Brickell, Wm. S., Co., architects, 683 Ellicott sq., Buffalo, N. Y.
Brickenstein, L. B., rural mail boxes, Winston-Salem, N. C.
Brickey, F. M., & Co., wheat flour, Prairie du Rocher, Ill.
Brickschmitt Quarry & Const. Co., stone prod., 6509 Manchester av, St. Louis, Mo.
Brictson Mfg. Co., tire protectors, Brookings, S. Dak.
Bridalveil Canning Co., Ronda, N. C.
Bridal Veil L'br'g Co., Bridal Veil, Ore.
Bride, Grimes & Co., htg. contrs., Lawrence, Mas.
Bride, Wm. J., Co., air, tire pumps, Reading, Mass.
Bridge & Beach Mfg. Co., 1st & Valentine, St. Louis, Mo.
Bridge, Jno., tex. machy. (roll coverers), Chester, Pa.
Bridge, Lewis, & Sons, cornices, Huntington, Ind.
Bridge, Lucius L., architect, 1024 Main, Bridgeport, Conn.
Bridge Shingle Co., lumber, Lawrence, Wash.
Bridgeford & Co., machsts. & fndrs., Louisville, Ky.
Bridgeford Machine Tool Works, lathes, etc., 420 Blossom rd, Rochester, N. Y. *See adv index at end of book.*
Bridgeport Art Glass Co., Bridgeport, Conn.
Bridgeport Barrel Co., Inc., 487 Main, Bridgeport, Conn.
Bridgeport Body Co., 363 Fairfield av, Bridgeport, Conn.
Bridgeport Boiler Wks. Co., Bridgeport, Conn.
Bridgeport Brass Co., machinists, Bridgeport, Conn.
Bridgeport Bronze Marine Paint Co., Bridgeport, Conn.
Bridgeport Chain Co., weldless wire chain, mfrs., 964 Crescent av, Bridgeport, Conn.
Bridgeport Coach Lace Co., Bridgeport, Conn.
Bridgeport Cornice Wks., Bridgeport, Conn.
Bridgeport Crucible Co., Bridgeport, Conn.
Bridgeport Cutter Co., Inc., milling cutter mfrs., Bridgeport, Conn.
Bridgeport Deoxidized Bronze & Metal Co., fndrs., Bridgeport, Conn.
Bridgeport Die & Mach. Co., Bridgeport, Conn.
Bridgeport Elec. Mfg. Co., electric water heaters, Bridgeport, Conn.
Bridgeport Electric Products Co., push buttons, telephones & apparatus mfrs., Bridgeport, Conn.
Bridgeport Engng. Co., saw tables for metal, Bridgeport, Conn.
Bridgeport Hardware Mfg. Corp., machine tools & hardware specialties, Bridgeport, Conn.
Bridgeport Lamp Chimney Co., Bridgeport, W. Va.
Bridgeport Malleable Iron Wks. (branch of the Eastern Malleable Iron Wks.), malleable & gray iron castings, Bridgeport, Conn.
Bridgeport Metal Goods Mfg. Co., specialist in metal goods, Bridgeport, Conn.
Bridgeport Metal Treating Co., case & steel hardening, Bridgeport, Conn.
Bridgeport Motor Co., Bridgeport, Conn.
Bridgeport Pattern & Model Co., Bridgeport, Conn.
Bridgeport Piston Ring Co., Bridgeport, Conn.
Bridgeport Plumbing Supply Co., Bridgeport, Conn.
Bridgeport Projectile Co., Union av, Bridgeport, Conn.
Bridgeport Safety Emery Wheel Co., Bridgeport, Conn.
Bridgeport Screw Co., Bridgeport, Conn.
Bridgeport Sewer Construction Co., 165 Lindley, Bridgeport, Conn.
Bridgeport Wire Goods Co., egg beaters, towel bars, etc., East Port Chester, Conn.
Bridgeport Wood Finishing Works (Du Pont), paints, stains, enamels, polishes, paint & varnish removers, etc., Philadelphia, Pa.
Bridge's, A. D., Sons, contr., cloth boards, silos, etc., Hazardville, Conn.
Bridges, E. D., granite producer, Nevada City, Cal.
Bridges Mfg. Co., photo. mounts, Rochester, N. Y.
Bridges-Smith & Co., paint mfrs., Louisville, Ky.
Bridges & Webber, architects, Chamber of Commerce Bldg., Portland, Ore.
Bridgeton Brick Co., Bridgeton, N. J.
Bridgeton Chandelier Co., electric & gas light fixtures, Bridgeton, N. J.
Bridgeton Condensed Milk Co., canned, Bridgeton, N. J.
Bridgeton Construction Co., contractors, Bridgeton, N. J.
Bridgewater Brick Co., Bridgewater, Mass.
Bridgewater Machine Co., Akron, Ohio.
Bridgewater Mfg. Co., woolen blankets, Bridgewater, Va.
Bridgewater Plow Corp., Bridgewater, Va.
Bridgman Bros. Co., castings, connections, traps, etc., 1426 Washington av, Philadelphia, Pa.
Bridgman, E. C., maps, 61 Warren, New York.
Bridgman Mattress Co., Knoxville, Tenn.
Bridgman, Smith, Co., mfrs. fine paper boxes, Kent & Division avs, Brooklyn, N. Y.
Bridgton Mach. & Lbr. Co., Bridgton, Me.
Bridley-Fuhrman, Martin Co., wholesale hardware, Elmira, N. Y.
Brieck Bros. Co., contractors, McKeesport, Pa.
Bried, Jas. L., contractor, Englewood, N. J.
Brielmaier, E., & Sons, architects, 19 La Salle, Chicago, Ill., & 432 B'way, Milwaukee, Wis.
Brieman, Chas. G., machst. & fndr., Juneau, Wis.
Brien Heater Co., hot air furnace, mfrs., Westfield, Mass.
Brier, Fisher & Miller, traveling bags, 218 Arch, Phila., Pa.
Brier Hill Steel Co., Youngstown, Ohio.
Brier, John T., lbr. mfrs., bath, Ind.
Brierley Machine Co., 1736 E. 22d, Cleveland, Ohio.
Brierly, Frank F., & Sons, masons' & bldrs.' matls. & mill & facty. supplies, Beaver Falls, Pa.
Brierly-Lombard Co., machsts.; mill & facty. supplies, etc., 663 Main, Worcester, Mass.
Briesneck Machinery Co., Brunswick, Ga.
Briganti, Domenico, architect, Philipsburgh Bldg., Yonkers, N. Y.
Brigham, Coveney & Bisbee, architects, 184 Boylston, Boston, Mass.
Briggs, Abram T., contractor, Taunton, Mass.
Briggs Aeroplane Co., Alexandria, Va.
Briggs & Allyn Mfg. Co., wood tanks; sash, doors, etc., Lawrence, Mass.
Briggs, Belmar, Edge Tool Co., Haverhill, Mass.
Briggs Carriage Co., auto. bodies, trolley wheels, Amesbury, Mass.

Briggs & Cooper Co. (Ltd.), lbr. mfrs., Saginaw, Mich.
Briggs Engineering & Constr. Co., 75 Westminister, Providence, R. I.
Briggs Engng. Co., machinists, ft. 24th, Brooklyn, N. Y.
Briggs, Fredk. H., architect, 47 W 34th, New York.
Briggs, Geo. M., Inc., contrs., Newton, Mass.
Briggs, G. S., & Co., lumber mfrs., Norfolk, Va.
Briggs, Geo. T., contractor, Narragansett Pier, R. I.
Briggs Hardware Co., Neosha, Mo.
Briggs, J. E., architect, Parsons, Kan.
Briggs, John, & Co., color mfrs. & importers, 45 Purchase, Boston, Mass.
Briggs, Jno. D., architect, Raleigh, N. C.
Briggs Labor Saving Spec. Co., concrete spreading dump carts, Waterloo, Iowa.
Briggs Lumber Co., Oneonta, N. Y., and Walker, Ore.
Briggs, Marvin, Inc., machy. dlrs., 167 6th, Brooklyn, N. Y.
Briggs & McLaughlin Contrg. Co., 337 E. 134th, New York.
Briggs Machinery Co., mill & facty. supplies & wood working machy., 238 2nd av, Pittsburgh, Pa.
Briggs Magneto Co., machinists, Elkhart, Ind.
Briggs Mfg. Co., auto bodies, Taft av, Cleveland, Ohio.
Briggs Mfg. Co., tire fabrics, Voluntown, Conn.
Briggs & Nelson, architects, Rose Bldg., Cleveland, Ohio.
Briggs, Oliver L., & Son, billiard tables, 61 Essex, Boston, Mass.
Briggs Pump Co., Omaha, Neb.
Briggs-Shaffner & Co., machinists, Winston-Salem, N. C.
Briggs & Stratton Co., switches, 258 Milwaukee, Milwaukee, Wis.
Briggs, Thos. H., & Sons, wholesale hardware, Raleigh, N. C.
Briggs & Turivas, scrap iron, 110 S. Dearborn, Chicago, Ill.
Briggs, W. H., Hardware Co., Valdosta, Ga.
Briggs-Weaver Machinery Co., Dallas, Tex.
Briggs, W. R., architect, Security Bldg., Bridgeport, Conn.
Brigham, Arthur A., mill & facty. supplies, Old South Bldg., Boston, Mass.
Brigham Bros., brick, East Kingston, N. Y.
Brigham, Charles, architect, Watertown, Mass.
Brigham City Canning Co., Brigham, Utah.
Brigham, N. R., architect, City Nat'l Bk. Bldg, Omaha, Neb.
Bright Circle Mfg. Co., vacuum cleaners, Toledo, Ohio.
Bright & Co., mill & facty. supplies; masons' & bldrs.' matls., & wholesale hardware, Reading, Pa.
Bright, Geo., Hardware Co., Pottsville, Pa.
Bright, H. F., lumber, Ashland, Pa.
Bright, H. V., machy., turnstiles, Cleveland, Ohio.
Bright, J. H., Contr. & Bldg. Co., Title Guaranty, St. Louis, Mo.
Bright, John I., architect, 1710 Chestnut, Philadelphia, Pa.
Bright Star Battery Co., 316 Hudson, New York.
Brightman Bros., paint, New Bedford, Mass.
Brightman Furnace Co., Cleveland, Ohio.
Brightman Mach. Co., Cleveland, Ohio.
Brightman Mfg. Co., shafting & straightening machy., Columbus, Ohio.
Brightman Nut & Mfg. Co., Sandusky, Ohio.
Brighton Fire Brick Co., New Brighton, Pa.
Brighton Fdry. Co., 3306 Artesian av, Chicago, Ill.
Brighton Mills, cotton duck, Passaic, N. J.
Brigman Shingler & Co., turpentine, Milltown, Ga.
Briley, C. A., heating contractors, 1003 Forbes, Pittsburgh, Pa.
Brill, J. G., Co., auto. wood bodies, 62d & Woodland, Phila., Pa.
Brillhart, Jacob S., & Sons, brick, Porters Sideling, Pa.
Brilliant Electric Wks. of G. E. Co., lamps, Cleveland, Ohio.
Brilliant Gas Lamp Co., 1009B So. Wabash av, Chicago, Ill.
Brilliant Mfg. Co., signs, 1035 Ridge av, Philadelphia, Pa.
Brilliant Searchlight Mfg. Co., Duluth, Minn.
Brilliant Sign Co., 3531 Washington av, St. Louis, Mo.
Brilliant Sign Letter Co., 478 6th av, New York.
Brillion Brick & Tile Co., Brillion, Wis.
Brillion Iron Wks., Brillion, Wis.
Brillion Lumber Co., Brillion, Wis.
Brim, A. W., letters & figures, Seneca Falls, N. Y.
Brimer & England Bros., contractors, Knoxville, Tenn.
Brinckerhoff, Arthur F., landscape architect, 15 E. 40th, New York.
Brinckloe, Wm. Draper, archit., Easton, Md., & Wilmington, Del.
Brindle, D. E., contractor, Carlisle, Pa.
Brineman, M. D., architect, Huntington, Ind.
Brininstool Co., paint, Los Angeles, Cal.
Brink, C. I., Inc., Signs, 24 Gold, Boston, Mass.
Brink, E. P., & Son, arcitects, 11th, N. W., Washington, D. C.
Brinkerhoff, J. P., Sons, machsts. & fndrs., 57 Dey, New York.
Brinkerhoff Piano Co., 209 S. State, Chicago, Ill.
Brinkley Car Wks. & Mfg. Co., Brinkley, Ark.
Brinkley-Curd Hdwe. & Implement Co., Pueblo, Colo.
Brinkman, Fred, brick, Arlington, Neb.
Brinkman, H., brick, Mount Vernon, Ind.
Brinkman, H. W., architect, Emporia, Kan.
Brinkmann Bros., cornices, 2617 Frankford, Philadelphia, Pa.
Brinkmann, J. H., & Sons, furnaces, 1913 Olive, St. Louis, Mo.
Brinks, Hy., & Sons, contractors, Quincy, Ill.
Brinley & Holbrook, landscape architects, 156 5th av, New York.
Brinly, Hardy Co., agric. implement mfrs., Louisville, Ky.
Brinser, E. C., Sons, baseball bats, handles, poles, etc., Richmond, Va.
Brinton, H., Co., machinists, 213 Race, Philadelphia, Pa.
Brinton Motor Truck Co., 5740 Cherry, Philadelphia, Pa.
Briscoe, B. P., architect, Beatty Bldg., Houston, Tex.
Briscoe Mfg. Co., sheet metal stampers, Detroit, Mich.
Briscoe Motor Corp., automobile builders, Jackson, Mich.
Briscoe, W. D., machinist, 15th & Ohio av, Washington, D. C.
Brisentine Bros., canned goods, Prospect, Va.
Brislin Boiler & Iron Wks., Fort Smith, Ark.
Brison Bros., brick, Millersport, Ohio.
Brissey, W. L., Lumber Co., Anderson, S. C.
Brissman & Co., contractors, Moline, Ill.
Brister, B. E., Merc. Co., lumber, Bogue Chitto, Miss.
Brister & Knowles, contractors, Petersburg, Va.
Bristle, Jos. H., architect, 130 N. 5th av, Chicago, Ill.
Bristol Bay Packing Co., salmon packers, 112 Market, San Francisco, Cal.
Bristol Brass Co., brass sheets, rods, etc., Bristol, Conn.
Bristol Coffin & Casket Co., Bristol, Va.
Bristol Co. (The), "Bristol's" recording instruments for pressure, temperature, electricity, time, motion, speed, humidity, etc., also electric pyrometers, patent belt fasteners & safety set screws, Waterbury, Conn. *See adv index at end of book.*
Bristol Co., steam fitters' supplies, St. Joseph, Mo.
Bristol Door & Lbr. Co., Bristol, Tenn.
Bristol & Gale Co., agricultural implements, 158 Carroll av, Chicago, Ill.
Bristol Mfg. Co., coffins, etc., Bristol, Vt.
Bristol Naval Stores Co., Bristol, Fla.
Bristol Patent Leather Co., 327 Arch, Philadelphia, Pa.
Bristol & Plainville Tramway Co., machst., Bristol, Conn.
Bristol & Sweet Harness Co., Fargo, N. D.
Bristow, John., contractor, Narragansett, R. I.
Brite, James, architect, 18 E. 41st, New York.
British-American Chemical Co., 52 Vanderbilt av, New York.
Britt Bros., turpentine, Bonifay, Fla.
Britt, J. A., & Son, flour mills, Clay Pool, Ky.
Brittain & Co., meat packers, Marshalltown, Ia.
Brittain, J. H., contractor, 345 Sherman av, Salt Lake City, Utah.
Brittain, John J., Co., contractors, 105 W. Monroe, Chicago, Ill.
Brittingham & Hixon Lbr. Co., lbr., Madison, Wis.
Britton Lumber Co., Lakewood, Fla.
Britton Pressed Brick Co., Ann Arbor, Mich.
Britton, W. D., Hardware Co., Ogdensburgh, N. Y.
Broad Gauge Iron Wks., stable fix. & weather vanes, 77 Port, Boston, Mass.
Broad, Jas., contractor, Spokane, Wash.
Broadbent, J., & Son, absorbent cotton, Unionville, Conn.
Broadhead, Jos., saws, Manistee, Mich.
Broaddus & Ives Lbr. Co., Newbern, N. C.
Broadway Bedding Co., mattresses, Louisville, Ky.
Broadway Coal & Feed Co., masons' & bldrs.' matls., 6431 Broadway, Cleveland, Ohio.
Broadway Construction Co., 235 E. Washington, Los Angeles, Cal.
Broadway Contracting Co., Inc., 4925 B'way, New York.
Broadway Fdry. Co., Cleveland, Ohio.
Broadway Iron Fndry Co., Cambridge, Mass.
Broadway Mfg. Co., sash, door & blind, Knoxville, Tenn.
Broadwell, C. H., contrs., Milford, Conn.
Broadwell, Wm. M., masons' & bldrs.' matls., Bangor, Mich.
Broas & Sage Co., refrigerating machy., 17 Alling, Newark, N. J.
Broaten & Mincy, architects, Mason City, Ia.
Broc Carriage & Wagon Co., auto. windshields, N. E. Cleveland, Ohio.
Brock, A. S., Rubber Co., 57 Broad, Boston, Mass.
Brock Bros., cornices, Cambridge, Mass.
Brock Bros., cornices & skylights, Melrose, Mass.
Brock, V. A., flour mills, Sparta, Ky.
Brockett, F. A., architect, Cutler Bldg., Rochester, N. Y.
Brockett-Gorham Co., spark plugs, Marion, Ohio.
Brockett, L. B., & Son, mill & facty. supplies, Battle Creek, Mich.
Brockett & Wood, architects, Powers Bldg., Rochester, N. Y.
Brockie, J. W., handles, New Berlin,
Brockle & Hastings, architects, 1713 Sansom, Philadelphia, Pa.
Brocklehurst, H., contractor, 512 W. Norris, Philadelphia, Pa.
Brocklehurst & Potter Co., contractors, 1328 B'way, New York.
Brockman, J. R., Mfg. Co., htg. contrs., 617 N. 2d, St. Louis, Mo.
Brockman, Sam'l J., contractor, 421 Milwaukee, Milwaukee, Wis.
Brockton Die Co., Brockton, Mass.
Brockton Gas Light Co., gas retort carbons, Brockton, Mass.
Brockton Heel Co., boot & shoe counters, Brockton, Mass.
Brockton Last Co., wooden shoe lasts, Brockton, Mass.
Brockton Mallet Co., Brockton, Mass.
Brockton Mop Wringer Co., Brockton, Mass.
Brockton Webbing Co., Brockton, Mass.
Brockton Welting Co., Brockton, Mass.
Brockway, A. L., and Dwight R. Collin, architects, Third Bk. Bldg., Syracuse, N. Y.
Brockway Brick Co., Brockway, N. Y.
Brockway Bros. Co., brick, Dutchess Junction, N. Y.
Broadway & McNeil & Feets Co., architects, Warren, Pa.
Brockway Mach. Bottle Co., Brockwayville, Pa.
Brockway & Meckensturn Mach. Co., cotton machy., Moodus, Conn.
Brockway Motor Truck Co., auto. bldrs., Cortland, N. Y.
Brockway-Smith Corp., sash, door & blind mfrs., 98 Canal, Boston, Mass.

Brockway, W. N., carriages, Homer, N. Y.
Brode, F. W., & Co., cottonseed oils, Memphis, Tenn.
Brode Iron Works, 37 Hawthorne, San Francisco, Cal.
Brode, W. M., Co., contractors, New Comerstown, Ohio.
Broderick & Bascom Loggers' Supply Co., mill & facty. supplies, 623 Western av, Seattle, Wash.
Broderick & Bascom Rope Co., cordage & twine mfrs., Main & Douglas, St. Louis, Mo.
Broderick Co., boilers, Muncie, Ind.
Brodorick Co., advtg. novelties, 223 E. 4th, St. Paul, Minn.
Broderick, Edmund D., contractor, 110 W. 40th, New York.
Broderick, John H., contractor, 44 Bromfield, Boston, Mass.
Brodesser Elev. Co., Burleigh & Weil, Milwaukee, Wis.
Brodie Elec'l & Auto. Co., Manchester, N. H.
Brodie, Harry C., contractor, Portage, Wis.
Brodie Mfg. Co., ash cans, 52 Ellery, Brooklyn, N. Y.
Brodie, T. L., architect, Jefferson Co. Bk. Bldg., Birmingham, Ala.
Brodie, Walter M., metallurgical engrs., 49 Cedar, New York.
Brodie, Wm., cornices & mill & facty. supplies, 307 Jackson av, L. I. City, N. Y.
Brodie, Wm. H., Co., elevator doors, 38 Park pl, New York.
Brodin Pattern & Supply Wks., stove pipe ventilators, etc., 2418 W. 16th, Chicago, Ill.
Brodix & Malone, stone producers, 112 W. Adams, Chicago, Ill.
Brodner, K., plate glass, New Haven, Conn.
Brodt, T. E., sash, door & blind mfrs., Bagley, Wis.
Brody & Lipman, contrs., New London, Conn.
Brody, S., bags & bagging, South & Clinton, New York.
Brody, William, & Co., dental instruments, 1911 Park av, New York.
Broeker, Chas., & Co., flour mills, Owensboro, Ky.
Broering & Meier, brick, Covington, Ky.
Brogan & Co., steam fitters' supplies, 810 Race, Phila., Pa.
Brogan, Edward, stone producers, 1215 Franklin, N. S., Pittsburgh, Pa.
Brogan, Jas. F., & Co., contractors, Commercial Trust Bldg., Philadelphia, Pa.
Brogon Mills, flannels, cotton, Anderson, S. C.
Brohard Co., machinists, Lehigh & 3d, Philadelphia, Pa.
Brohl & Appell, heating contractors, Sandusky, Ohio.
Brohm & Molitor, file & stove mfrs., 257 S. Pearl, Albany, N. Y.
Brokaw-Eden Mfg. Co., clothes washing machines, Alton, Ill.
Brokensword Stone Co., crushed stone & lime, Bucyrus, Ohio.
Brokhaus, Geo. C., architect, 402 Washington, Hoboken, N. J.
Broline, Nolan & Co., contrs., 8 S. Dearborn, Chicago, Ill.
Brom, Martin, contractor, Winona, Minn.
Brombacher, A. F., & Co., whol. hdwe., 31 Fulton, New York.
Brombacher, J., machinist, Los Angeles, Cal.
Bromich, Joseph, boilers, Topeka, Kan.
Bromilaw Brick Works, Alexandria, Va.
Bromley, H. C., contractor, Seattle, Wash.
Bromley-Merseles Mfg. Co., machinists, 837 Larrabee, Chicago, Ill.
Bromm, Fred, machinist, 2564 S. Halsted, Chicago, Ill.
Bromund, E. A., Co., wax; ceresine imprts., 356 B'way, New York.
Bromwell Brush & Wire Goods Co., 612 W. 6th, Cincinnati, Ohio.
Bromwell Co., wire goods, 420 Main, Cincinnati, Ohio.
Bronson Bros., masons' & bldrs.' matls., Winsted, Conn.
Bronson, E. B., Co., machsts. & fndrs., Blue Island, Ill.
Bronson, Homer D., Co., brass hinges & metal novelties, Beacon Falls, Conn.
Bronson & Townsend Co., wholesale hdwe., New Haven, Conn.
Bronson-Walton Co., guy clamps, Cleveland, Ohio.
Bronson, Wm. & Hy., machsts. & fndrs., Roxbury, Conn.
Bronx Carbonate So., carbonic acid gas, 934 E. 165th, New York.
Bronx Cut Stone Co., 4177 3d av, New York.
Bronx Derrick & Tool Co., 370 So. blvd, New York.
Bronx Metal Wks., 1833 Washington av, New York.
Bronx Sash & Door Co., E. Tremont av & 180th, New York.
Bronzbaswyt Metals Co., mill bearing & castings, First Nat'l Bank bldg, Pittsburgh, Pa.
Bronze Age Metal Co., tuyeres & coolers, 5323 Butler, Pittsburgh, Pa.
Bronze Metal Co., machsts. & fndrs., 30 Church, New York.
Bronze Powder Wks. Co., Elizabeth, N. J.
Bronze Weather Strip Co., 134 Milk, Boston, Mass.
Brook, Abraham, architect, 350 Fulton, Brooklyn, N. Y.
Brook-Bolshaw Co., cross ties, Savannah, Ga.
Brook Building & Supply Co., Brook, Ind.
Brook, John, stone producer, 2169 E. 28th, Cleveland, Ohio.
Brook Novelty Co., ironing boards, corn poppers, Brook, Ind.
Brook Terra Cotta, Tile & Brick Co., Brook, Ind.
Brooke, Chas. J., architect, 12th & Walnut, Philadelphia, Pa.
Brooke, E. & G., Iron Co., iron nails, Birdsboro, Pa.
Brooke, Fred'k H., architect, Telegraph Bldg., Washington, D. C.
Brooke Lumber Co., Pataskala, Ohio.
Brooker, Robt., contractor, Lancaster, Wis.
Brookfield Glass Co., glass insulators, 2 Rector, New York.
Brookhaven Cotton Oil & Fertz. Co., Brookhaven, Miss.
Brookhaven Gravel Co., Brookhaven, Miss.
Brookhaven L'br. & Mfg. Co., Hattiesburg, Miss.
Brookhaven Pressed Brick & Mfg. Co., Brookhaven, Miss.
Brookins Co., electric & gas light fixtures, 1747 Euclid av, Cleveland, Ohio.
Brookline Contracting Co., Brookline, Mass.
Brooklyn Ash Can Mfg. Co., 2196 Fulton, Brooklyn, N. Y.
Brooklyn Brass Wks., machsts. & fndrs., 263 Scholes, Brooklyn, N. Y.
Brooklyn Brick Co., common, 506 Chamber of Comm., Indianapolis, Ind.
Brooklyn Cooperage Co., 142 Kent av, Brooklyn, N. Y.
Brooklyn Elec. Lamp & Nov. Co., 278 Fulton, Brooklyn, N. Y.
Brooklyn Facing Mills, fndry. facings, 105 Metropolitan av, Brooklyn, N. Y.
Brooklyn Filter Bag Co., 643 Kent av, Brooklyn, N. Y.
Brooklyn Fire Brick Wks., 88 Van Dyke, Brooklyn, N. Y.
Brooklyn Fire-Proof Sash & Door Co., 101 Richardson, Brooklyn, N. Y.
Brooklyn F'ndry Co., Astoria, N. Y.
Brooklyn Galvanizing & Mfg. Co., tin plate, 120 Liberty, New York.
Brooklyn Lthr. Belting Co., 42 S. 6th, Brooklyn, N. Y.
Brooklyn Lbr. Co., 452 Hamilton av, Brooklyn, N. Y.
Brooklyn Metal Ceiling Co., 287 Greene av, Brooklyn, N. Y.
Brooklyn Navy Yard, fndrs., Brooklyn, N. Y.
Brooklyn Shield & Rubber Co., 397 Summer av, Brooklyn, N. Y.
Brooklyn St. F'ndry Co., North Adams, Mass.
Brooklyn Suit Case Mfg. Co., trav. bags, 87 Harrison pl, Brooklyn, N. Y.
Brooklyn Tool Co., hoof parers, Brooklyn, Ind.
Brooklyn Tube Works, brass, bronze & copper seamless tubing, mfrs., Bay & Columbia, Brooklyn, N. Y.
Brooklyn Varnish Mfg. Co., 35 Nostrand av, Brooklyn, N. Y.
Brooklyn Vault Light Co., 254 Monitor, Brooklyn, N. Y.
Brooklyn Vitrified Tile Wks., ceramic & vitreous, 92 Third, Brooklyn, N. Y.
Brookman Mfg. Co., lye, 664 N. Wells, Chicago, Ill.
Brooks & Bramhall, architects, Decatur, Ill.
Brooks Brick Co., Brewer, Me.
Brooks Bros., cornices & skylights, Columbus, Ind.
Brooks Bros., lbr., 1923 University av, St. Paul, Minn.
Brooks, Chas. A., contractor, Augusta, Me.
Brooks, Chas. J., machinist, New Haven, Conn.
Brooks, Clarence, & Co., varnish, hard oil finish, 249 Chestnut, Newark, N. J.
Brooks & Co., sash, door & blind mfrs., Poughkeepsie, N. Y.
Brooks Construction Co., Fort Wayne, Ind.
Brooks, E., & Co., contractors, 3 W. 39th, New York.
Brooks, E. J., & Co., railway supplies, mfrs., 227 Fulton, New York.
Brooks, E. S., masons' & bldrs.' matls., Westbrook, Me.
Brooks Furniture Mfg. Co., Rochester, N. Y.
Brooks, Geo. B., cotton waste, 303 Canal, Providence, R. I.
Brooks, Geo., & Son Co., auto. & furniture binding & gimps, 5428 Wyalusing, Philadelphia, Pa.
Brooks, Geo. W., architect, Perth Amboy, N. J.
Brooks, Hall L., ties, poles & posts, Tomahawk, Wis.
Brooks Hardware Co., Augusta, Me.
Brooks & Hunt, contrs., Greensboro, N. C.
Brooks, John, Co., knives, Brockton, Mass.
Brooks, Louis, architect, 150 Nassau, New York.
Brooks, M. S., & Sons, wire goods, hammers, hooks, etc., Chester, Conn.
Brooks Machine Co., Wichita, Kan.
Brooks Mfg. Co., jewelry cases, 221 High, Boston, Mass.
Brooks Mfg. Co., knocked-down boats, Saginaw, Mich., and lumber, Greensboro, N. C.
Brooks Mfg. Co., plumbing spec., 2946 W. Lake, Chicago, Ill.
Brooks Oil Co., C. & P. & Erie R. R., Cleveland, Ohio.
Brooks Packing Co., canned goods, Tillamook, Ore.
Brooks, Peter, & Son, contrs., 267 White, Hartford, Conn.
Brooks & Ross Lumber Co., 39 S. La Salle, Chicago, Ill.
Brooks-Scanlon Lbr. Co., 1120 Plymouth Bldg., Minneapolis, Minn.
Brooks-Scanlon Co., lumber mfrs., Kentwood, La.
Brooks, T. C., & Sons Co., contractors, Jackson, Mich.
Brooks, T. H., & Co., fndrs., Cleveland, Ohio.
Brooks Tent & Awning Co., Denver, Colo.
Brooks Tomato Products Co., canners, Collinsville, Ill.
Brooks, William J., canned goods, Beaufort, S. C.
Brookside Brass Fdy. & Mfg. Co., self-closing cocks & bibbs, 2315 Selzer av, S. W., Cleveland, Ohio.
Brookside Mills, cotton duck & canvas, Knoxville, Tenn.
Brookside Paper Co., binders' boards, South Manchester, Conn.
Brooksville Woolen Mill, blankets, Brookville, Me.
Brookville Bridge Co., Brookville, Ohio.
Brookville Glass & Tile Co., Brookville, Pa.
Brookville Mfg. Co., farm wagons, Brookville, Pa.
Broome & Sterbing Co., advtg. spec., Coshocton, Ohio.
Broomhall, E. F., architect, Alworth Bldg., Duluth, Minn.
Brooms, Brushes & Handles, trade publication, Milwaukee, Wis.
Brophy Belting & Supply Co., Madison, Ind.
Brophy Bros., brick, Grassy Point, N. Y.
Brophy, Chas. A., button mfrs., Aurora, Ill.
Bros Wm., Boiler & Mfg. Co., Nic Island, Minneapolis, Minn.
Broschart & Braum, sheet metal ornaments, borders, etc., 601 W. 130th, New York.
Brosche & Kenlay, 20th Century Injector & Supply Co., Attica, Ind.
Brose, Andrew, contractor, 42 E. 23d, New York.
Brose, Geo., flour mills, Evansville, Ind.

Brosie, Louis O., architect, Highland Bldg., Pittsburgh, Pa.
Brosius, Edgar E., grab buckets, Benedum Bldg., Pittsburgh, Pa.
Bross & Shearer, brick, Shippinsburg, Pa.
Brossman, Chas., architect, Merchants Bk. Bldg., Indianapolis, Ind.
Brost Pattern Works, wood & metal, 5122 St. Clair av, Cleveland, Ohio.
Brostrom, Ernest O., architect, Reliance Bldg., Kansas City, Mo.
Brothers, James W., lumber, Lacenter, Wash.
Brotherton, F. E., architect, Equitable Bldg., Detroit, Mich.
Brotherton, Wm., Jr., sash, door & blind mfrs., Peekskill, N. Y.
Brotsch, F. V., Co., contractors, Rochester, N. Y.
Brott, H. R., contractor, Gloversville, N. Y.
Brougher, W. D., Net Co., fly nets, Wellsville, Pa.
Broughton, J. H., masons' & bldrs.' matls., Portsmouth, N. H.
Broughton, N. L., lbr., Pinewood, S. C.
Broughton & Wiggins Co., lbr., Portland, Ore.
Brounet, Arthur, decorative art tapestries, etc., 1133 B'way, New York.
Broussard Casket & Mfg. Co., New Iberia, La.
Broussard Cotton Oil Co. (Ltd.), Broussard, La.
Brousseau, H. P., brick, Shodack Landing, N. Y.
Broverman, Morris, & Son, bristles, 100 Maiden la, New York.
Brower & Best, common brick, Thompsonville, Conn.
Brower, John, architect, 118 E. 28th, New York.
Brower, John, heating contractors, 352 W. 13th, New York.
Brower, Roy L., Corp., wholesale hdwe., 12 Cedar, New York.
Brown, A. B., Co., weather strips, 405 Lexington av, New York.
Brown, A. C., & Sons, contractors, Tottenville, N. Y.
Brown, A. & F., Co., machsts. & fndrs., 79 Barclay, New York.
Brown, A. R., bolts, nuts & rivets, Erwin, Tenn.
Brown, A. Ten Eyck, architect, Realty Tr. Bldg., Atlanta, Ga.
Brown, Albert, common brick, Saranac, Mich.
Brown, Arthur, contractor, South Vineland, N. J.
Brown, Arthur, Jr., architect, 251 Kearny, San Francisco, Cal.
Brown, Arthur S., Mfg. Co., belting, solid cotton, Tilton, N. H.
Brown, Asahel C., & Son, flour mills, Waltersburg, Pa.
Brown, B. F., contractor, 5992 Centre av, Pittsburgh, Pa.
Brown, B. F., & Co., polishes & shoe blacking, 137 Fulton, Boston, Mass.
Brown Bag Filling Machine Co. (The), mfrs., Fitchburg, Mass.
Brown & Bailey Co., folding paper boxes, 410 Franklin, Philadelphia, Pa.
Brown Bed Mfg. Co., Kansas City, Mo.
Brown Beer Pump Co., 11 Chardon, Boston, Mass.
Brown, Benson, contractor, Faribault, Minn.
Brown, Blodgett & Sperry Co., architects' instruments, 5th & Minn., St. Paul, Minn.
Brown Brick Co., Dallas, Tex.
Brown Bros., castings, Stamford, Conn.
Brown Bros., contractors, Kansas City, Kan.
Brown Bros., meat packers, 534 W. Ray, Indianapolis, Ind.
Brown Bros., tubular boilers, Spokane, Wash.
Brown Bros. Co., mill & facty. supplies, 62 Exchange pl, Providence, R. I.
Brown Bros. Co., lumber mfrs., Gainesville, Fla.
Brown Bros. Co., machsts. & fndrs., Gloucester, Mass.
Brown Bros. Fdry. & Mach. Co., Eldora, Ia.
Brown Bros. Lumber Co., Rhinelander, Wis.
Brown & Brown Coal Co., masons' & bldrs.' matls., Washington Arcade, Detroit, Mich.
Brown Buggy Co., Waterloo, Ia.
Brown, C., lumber, Midland, Mich.
Brown, C. A., flour mills, Falls, Pa.
Brown, C. G., Furn. Co., music cabinets, card tables, Syracuse, N. Y.
Brown, C. O., & Bro., masons' & bldrs.' matls., Columbia, S. C.
Brown-Camp Hardware Co., Des Moines, Ia.
Brown Car Wheel Wks., fndrs., 466 Howard, Buffalo, N. Y.
Brown Carriage Co., 1630 Gest, Cincinnati, Ohio.
Brown, Carroll & Co., granite, Barre, Vt.
Brown, Carrol H., architect, Stimson Bldg., Los Angeles, Cal.
Brown, Chas. A., architect, 53 State, Boston, Mass.
Brown, Chas. D., masons' & bldrs.' matls., Emaus, Pa.
Brown, Chas. H., Paint Co., 188 Montague, Brooklyn, N. Y.
Brown, Chas. R., contractor, sand & gravel dlrs., Syracuse, N. Y.
Brown, Chester A., architect, 15 Beacon, Boston, Mass.
Brown, Chris., mchsts. & fdrs., Stamford, Conn.
Brown, Chris. F., contractor, Dorchester, Boston, Mass.
Brown City Mfg. Co., mchsts. & fdrs., Brown City, Mich.
Brown, Clarence J., architect, Security Bk. Bldg., Minneapolis, Minn.
Brown, Clinton C., plate glass, Syracuse, N. Y.
Brown Clutch Co., Sandusky, Ohio.
Brown & Co., iron bar mills, 10th & Duquesne way, Pittsburgh, Pa.
Brown Co., paper, sulphite, lbr. & bldg. mtls., Portland, Me.
Brown Co., spark plugs, Syracuse, N. Y.
Brown Corp., turpentine, Portland, Me.
Brown Cotton Gin Co., New London, Conn.
Brown, Cyrus P., architect, Camden, Me.
Brown, D. F., architect, Northmont, Reading, Pa.
Brown, D. P., & Co., mill & facty. supplies, 262 N 4th, Phila., Pa.
Brown, D. V., optical goods, Philadelphia, Pa.
Brown Dry Dock Co., ft. Morris, Jersey City, N. J.
Brown, E. B., architect, Stockton, Cal.
Brown, E. C., Co., spray pumps, etc., Rochester, N. Y.
Brown, E., & Co., cornices & skylights, 114 E. 9th, Los Angeles, Cal.
Brown, E. E., & Co., fndrs., McKean & Meadow, Philadelphia, Pa.
Brown, E. G., flour mills, Lascassas, Tenn.
Brown, E. H., Mfg. Co., ravelers & collar & cuff ldry. machy., Troy, N. Y.
Brown, E. M., Paper Co., Rock City Falls, N. Y.
Brown, E. W., Co., canned goods, South Portland, Me.
Brown, Ed. B., contractor, Verona, N. J.
Brown, Edmund K., landscape architect, 13 Park row, New York.
Brown, Edwin H., architect, Am. Red Cross, Camp Cody, Deming, N. Mex.
Brown, Elliot C., Co., contractors, 70 E. 45th, New York.
Brown, Elliott L., architect, 506 B'way, Yonkers, N. Y.
Brown, Emma C., mach. & fdr., Newton Junction, N. H.
Brown Enamel Wks., Fitchburg, Mass.
Brown Engine & Mach. Co., Fitchburg, Mass.
Brown Engineering Co., engineers & mfrs., 110 N. 3d, Reading, Pa. *See adv index at end of book.*
Brown, F. A., architect, 756 S. B'way, Los Angeles, Cal.
Brown, F. B., lbr., Hampton, N. H.
Brown, F. G., aniline colors, 112 N. Delaware av, Phila., Pa.
Brown, F. H., Packing Co., steam, 623 Cherry, Philadelphia, Pa.
Brown, F. W., architect, Forsyth Bldg., Atlanta, Ga.
Brown, F. P., elec. light fix. mfrs., 45 N. 6th, Philadelphia, Pa.
Brown, F. S. & G. L., Machine Co., machy. mfrs., Baltimore, Md.
Brown & Farnsworth, contractors, Bellows Falls, Vt.
Brown Fig Co., canned goods, Beaumont, Tex.
Brown Folding Mach. Co., Erie, Pa.
Brown, Frank C., archt., 9 Park, Boston, & New Bedford, Mass.
Brown, Frank E., architect, 47 Orange, New Haven, Conn.
Brown, Frank Horton, architect, White Plains, N. Y.
Brown, Fred'k. L., archt., Real Estate Exch. Bldg., Scranton, Pa.
Brown, G. H., & Bro., carriages, Kinderhook, N. Y.
Brown, G. S., architect & contr., Lafayette, Ind.
Brown, George, architect, Dover, N. H.
Brown, Geo., & Co., stone, 286 5th av, New York.
Brown, Geo. C., & Co., lumber, Memphis, Tenn.
Brown, Geo. L., & Son, contrs., Rialto Bldg., Kansas City, Mo.
Brown, Glenn, architect, 806 17th, N. W., Washington, D. C.
Brown, Gordon, lead pencils, 90 W. B'way, New York.
Brown, Grant, lbr. mfrs., Carlisle, N. Y.
Brown Guano Co., Albany, Ga.
Brown, H. C., contractor, Duluth, Minn.
Brown, H. B., Co., machsts. & fndrs., East Hampton, Conn.
Brown, H. D., & Co., masons' & bldrs.' matls., Aurora, Ill.
Brown, H. L., Fence & Mfg. Co., Oakley, Cincinnati, Ohio.
Brown Hardware Co., Punxsutawney, Pa.
Brown, Harold P., elec. ry. supplies, pump tools, etc., 120 Liberty, New York.
Brown, Harry H., contractor, 212 Clay, Baltimore, Md.
Brown & Hawkins, mill facty. supp., Seward, Ala.
Brown Hdwe. Co., tools, cutlery & bldrs.' supplies, Asheville, N. C.
Brown Heating Co., 5972 Easton av, St. Louis, Mo.
Brown & Hedge, masons' & bldrs.' matls., Holton, Kans.
Brown, Henry, mchsts. & fdrs., Chippewa Falls, Wis.
Brown, Henry A., architect, Beverly, N. J.
Brown, Henry J., & Son, contrs., 1534 Fulton, Brooklyn, N. Y.
Brown, Henry L., contractor, 27th & Clearfield, Phila., Pa.
Brown Hoisting Machinery Co., 4403 St. Clair, N. E., Cleveland, Ohio.
Brown, Howard Curtis, paper & pulp mill, Comstocks Bridge, Conn.
Brown & Hutchinson, shoe patterns, Haverhill, Mass.
Brown, I. N., contractor, Peters Bldg., Atlanta, Ga.
Brown Instrument Co., pyrometers, thermometers & indicators, Wayne & Windrim, Philadelphia, Pa.
Brown, J. E., masons' & bldrs.' matls., Benton Station, Me.
Brown, J. Edgar, machsts., Chestnut Level, Pa.
Brown, J. F., brick, Hanford, Cal.
Brown, J. H., Co., contractors, Atlanta, Ga.
Brown, J. K. & Co., scaffold bldrs., 181 3d av, Brooklyn, N. Y.
Brown, J. N., contractors, Bozeman, Mont.
Brown, J. O., contractor, Fort Wayne, Ind.
Brown, J. V., cornices, Reisterstown, Md.
Brown, Jas. H., mill & facty. supplies, 139 3d av., B'klyn, N. Y.
Brown, Jas H., Co., contractors, 511 S. 3d, Minneapolis, Minn.
Brown, Jas., Jr., & Sons, textile machy. supplies, etc., Ring & Main, Philadelphia, Pa.
Brown, Jas. W., contractor, Wakefield, R. I.
Brown, John G., contractor, Witherspoon Bldg., Phila., Pa.
Brown, John I., mchsts. & fndrs., Roaring Spring, Pa.
Brown, John & Son, granite, Barre, Vt.
Brown, John, & Sons, granite, Rider av & 141st, New York.
Brown, John W., Mfg. Co., automobile lamps, Columbus, Ohio.
Brown, Jos., faucets, New Orleans, La.
Brown, Jos. A., architect, 778 Genesee, Buffalo, N. Y.
Brown, Jos. E., Co., cornices, 1003 Race, Philadelphia, Pa.
Brown-King Constr. Co., Commercial Trust Bldg., Phila., Pa.
Brown Knitting Co., bathing suits & sweaters, Warsaw, N. Y.
Brown-Kunze Co., lumber, Arlington, Wash.
Brown, L. K., machsts., Asotin, Wash.
Brown, L. L., Paper Co., Adams, Mass.

Brown, L. S., Charcoal Co., 317 Main, Springfield, Mass.
Brown Laboratories, chemists, Nashville, Tenn.
Brown, Lewis A., Co., baskets, brooms & brushes, Boston, Mass.
Brown-Lewis Corp., mchsts. & fndrs., Walla Walla, Wash.
Brown-Lipe-Chapin Co., automobile gears, Syracuse, N. Y.
Brown-Lipe Gear Co., auto. gears, Syracuse, N. Y.
Brown, Louis L., Co., Inc., ship builders, 30 Church, New York.
Brown & Lowe Co., contractors, Schenectady, N. Y.
Brown Lbr. Co., Cottage Grove, Ore., & West Union, S. C.
Brown Mach. & Engine Co., gas engines, Lansing, Mich.
Brown-McDonald Machy. Co., 9th & N. Market, St. Louis, Mo.
Brown, McLaren Mfg. Co., screw mach. products, 109 Larned E., Detroit, Mich.
Brown, M., Co., masons' & bldrs.' matls., Wapakoneta, Ohio.
Brown, M. G., masons' & bldrs.' matls., Edenton, N. C.
Brown-Manly Plow Co., Malta, Ohio.
Brown Mfg. Co., agricultural implements, Zanesville, Ohio.
Brown Mfg. Co., cotton flannel, Concord, N. C.
Brown, Martin B., Printing & Binding Co., R. R. stationery, 39 Chambers, New York.
Brown Milling Co., flour, Charlottesville, Va.
Brown Mining Co., iron ores, Cardiff, Tenn.
Brown-Mitchison Co., box shooks, lumber, Marinette, Wis.
Brown, Moses W., & Co., pianos, Hampton, N. H.
Brown, N. B., & Co., heating contrs., 9 S. La Salle, Chicago, Ill.
Brown, O. W., machsts., Abilene, Kans.
Brown, Old., W. E., Co., distillers, Covington, Ky.
Brown, P. J., Constr. Co., Rockefeller Bldg., Cleveland, Ohio.
Brown Packing Co., meat packers, Blairsville, Pa.
Brown Paper Co., Fort Madison, Ia.
Brown Paper Co., Ithaca, N. Y.
Brown Paper Co., St. Louis, Mo.
Brown & Patterson, mchsts. & fndrs., 33 Marcy av, B'klyn, N. Y.
Brown, Peter, agricultural implements, Greeley, Colo.
Brown Pollard Construction Co., Niagara Falls, N. Y.
Brown Portable Conveying Machy. Co., 10 S. La Salle, Chicago, Ill.
Brown, R. A., & Co., contractors, Washington, Ind.
Brown, R. G., & Co., archs., Grand Theatre Bldg., Columbus, O.
Brown, R. H., & Co., machsts., New Haven, Conn.
Brown, R. L., cornices, 2023 Pearl, cov. Cincinnati, Ohio, & Covington, Ky.
Brown, R. M., plate glass, 1252, N. W., Washington, D. C.
Brown, Robt., contractor, 115 N. 10th, Seattle, Wash.
Brown-Roberts Hardware & Supply Co., Ltd., Alexandria, La.
Brown-Rogers Co., wholesale hdwe., Winston-Salem, N. C.
Brown, Rufus H., Inc., contractor, 350 Fulton, Brooklyn, N. Y.
Brown, Russell, Co., architects, Carter Bldg. Houston, Tex.
Brown, S., & Co., cornices & skylights, 114 E. 9th, Los Angeles, Cal.
Brown, S. E., & Co., heating contrs., Seattle, Wash.
Brown, S. N., & Co., bows, shafts, etc., Dayton, Ohio.
Brown, Samuel J., architect, 164 Federal, Boston, Mass.
Brown, Samuel J., architect, Main, cor. Gardner, Higham, Mass.
Brown & Sharpe Mfg. Co., mechanics' & metal working tools, mfrs., Providence, R. I.
Brown Sheet Iron & Steel Works, Berry & Pearl, Minneapolis, Minn.
Brown & Shrepferman, contrs., Continental bldg, Denver, Colo.
Brown-Sinramm Co., transfer ornaments, 1 W. 34th, New York.
Brown Specialty Machy. Co., core making machy., 2440 W. 22d, Chicago, Ill.
Brown Spring Ice Skate Co., Webster City, Ia.
Brown Spring Oiler Co., 6911 Carnegie av, S. E., Cleveland, O.
Brown Stamping Co., cans, Toledo, Ohio.
Brown Stave Co. (Ltd), cooperage stock, Monroe, La.
Brown Stone Store Co., Waltonville, Pa.
Brown, T. O., & Son, contractors, Augusta, Ga.
Brown, T. W., & Bro., mchsts. & fdrs., Chattanooga, Tenn.
Brown-Talbot Machinery Co., gas engines, Salem, Mass.
Brown, Thos., contractor, 1135 Niagara, Buffalo, N. Y.
Brown, Thos. S., architect, Bristol, Tenn.
Brown Trafilog Co., traffic time recorders, 6911 Carnegie av, S. E., Cleveland, Ohio.
Brown Truck Mfg. Co., Ralston, Neb.
Brown Univ. Engng. School & Coll., Prospect, Providence, R. I.
Brown & Von-Beren, architects, 185 Church, New Haven, Conn.
Brown, W. A., & Co., cornices & skylights, Decatur, Ala.
Brown, W. B., Co., electric & gas light fixtures, Bluffton, Ind.
Brown, W. E., elastic hosiery, 39 Broad, Providence, R. I.
Brown, W. F., & Sons, lumber, Denham Springs, La.
Brown, W. H., architect, 843 N. Meridian, Indianapolis, Ind.
Brown, W. Harry, coke mfrs., Pittsburgh, Pa.
Brown, W. J., architect, Am. Tr. Bldg., Cedar Rapids, Ia.
Brown, W. N., architect, Marints Ferry, Ohio.
Brown & Walcott, architects, 19 S. LaSalle, Chicago, Ill.
Brown-Wales Co., jobbers, iron & steel bars, sheets & shapes, steam fitters, plumbing supplies, & whol. hdwe., 489 C, Boston, Mass.
Brown, Walter E., cornices & skylights, Shelbyville, Ind.
Brown, Walter G., front brick, Ipswich, Mass.
Brown, Ward, architect, 1725 H, N. W., Washington, D. C.
Brown & Whiteside, architects, Du Pont Bldg., Wilmington, Del.
Brown, Will G., machsts., Danville, Pa.
Brown-Willard Co., canned goods, Portland, Me.
Brown, Willard D., archt., 45 Milk, Boston, & Lexington, Mass.
Brown, Wm. M., fertilizer mfr., Cedarville, N. J.
Brown, Wm. R., Co., emblem & eng. adv. j'lry, Providence, R. I.
Brown, Wm. R., contractor, 2145 E. Firth, Philadelphia, Pa.
Brown & White Co., carriages, Bangor, Me.
Brown & Wille, contrs., Niagara Falls, N. Y.
Brown & Zortman Machinery Co., machine tools, Union Arcade bldg, Pittsburgh, Pa.
Browne & Borum Co., steam fitters, Memphis, Tenn.
Browne & Dowd Mfg. Co., awls, knives, picks, scrapers, can openers, etc., Meriden, Conn.
Browne, F. W., brushes—fdry., mach. & facty., & boiler cleaners, Farmington, N. H.
Browne, Fredk., Co., architect, 209 W. 102d, New York.
Browne, H. R., lumber mfrs., Fosdick Bldg., Cincinnati, Ohio.
Browne Iron Works Co., Denver, Colo.
Browne, J. A., & Co., carriage rims, North Manchester, Ind.
Browne, M. C., glue, Holyoke, Mass.
Browne-Morse Co., filing cabinets & waste baskets, Muskegon Heights, Mich.
Browne, P. Chappel, architect, Mohawk Bldg., Portland, Ore.
Browne, W. G., Mfg. Co., egg beaters, claws, knives, can openers, etc., Kingston, N. Y.
Brownell & Burt, auto. wood bodies, 10 Wash., Taunton, Mass.
Brownell, C. H., telephone cabinet wk., Peru, Ind.
Brownell Co., boilers & engines, Dayton, Ohio.
Brownell Co., cordage & twine mfrs., Moodus, Conn.
Brownell-Drews Lumber Co., Ltd., Morgan City, La.
Brownell, G. L., textile machy., Worcester, Mass.
Brownell Improvement Co., lime, stone, Cham. of Com. Bldg., Chicago, Ill.
Brownell Machy Co., 11 Eddy, Providence, R. I.
Brownell-Mason Co., htg. contrs., Fitchburg, Mass.
Brownell, S. A., & Co., lbr., Essex Junction, Vt.
Brownfield, Jas. A., planing mill, 33 W. 8th, Covington, Ky.
Browning Co., cranes, E. 162nd, Waterloo rd, N. E., Cleveland, Ohio.
Browning Lumber Co., East Palatka, Fla.
Browning, S. W., flour mills, Wytheville, Va.
BROWNING, VICTOR R., & CO., hoisting, conveying & contractors' machinery, 17701 Lake Shore blvd, Cleveland, O.; Mansfield, O., & College Point, New York.
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Browning, Wm., cornices, Warren, Ohio.
Brownlee, J. N., machsts. & fndrs., Shubuta, Miss.
Brownlee-Lowry Co., lumber, Cisco, Ga.
Brownlee Co., lumber, River Rouge, Detroit, Mich.
Brown's, G., Sons, cottonades, Mount Joy, Pa.
Brown's Insecticide Co., 203 E. 44th, New York.
Brownsville Cotton Oil & Ice Co., cottonseed meal, Brownsville, Tenn.
Brownsville Woolen Mills Co., Brownsville, Ore.
Brownville Board Co., Brownville, N. Y.
Brownville Paper Co., Brownville, N. Y.
Brownwall Engine & Pulley Co., Holland, Mich.
Brownwood Fdry. & Mach. Co., Brownwood, Tex.
Broxton Fertilizer Co., Broxton, Ga.
Broyles, W. & G. D., masons' & bldrs.' matls., Palestine, Tex.
B. & R. Rubber Co., baby carriage tires, N. Brookfield, Mass.
Brubaker, B. F., masons' & bldrs.' matls., Freeport, Ill.
Brubaker, O. C., architect, Mishawaka, Ind.
Brubaker, S. H., & Co., canned goods, Boone Mill, Va.
Brubaker & Stern, architects, Aetna Bldg., Indianapolis, Ind.
Brubaker, W. L., & Bros., dies, reamers, taps, wrenches, etc., Millersburg, Pa.
Bruce, A. C., Esq., architect, 19 Fairview rd, Atlanta, Ga.
Bruce, Alex., contractor, Yonkers, N. Y.
Bruce Bros., cornices & skylights, Fort Smith, Ark.
Bruce & Cook, tin plate, metals, etc., 190 Water, New York.
Bruce, E. L., Co., hardwood flooring, Little Rock, Ark.
Bruce, J. B., Lbr. Co., 18th & Minn av, Arkansas City, Kans.
Bruce, Jno. J., Fdry. Co., 2421 Colerain av, Cincinnati, Ohio.
Bruce, Lawrence, contractor, North Haven, Conn.
Bruce Lumber & Mill Co., Berkeley, Cal.
Bruce-Macbeth Engine Co., Cleveland, Ohio.
Bruce, Morris M., architect, Flood Bldg., San Francisco, Cal.
Bruce Pattern & Mfg. Co., Birmingham, Ala.
Bruce, Thos. P., fndrs., Los Angeles, Cal.
Bruceton Milling Co., flour, Bruceton Mills, W. Va.
Bruchhauser Bros., flour mills, Anna, Ill.
Bruchhauser, Henry & Son, contractors, 130 Ellery, B'klyn, N. Y.
Brucker, Chas., contractor, Englewood, N. J.
Brucker, Henry C., archit., 720 Prospect av, Brooklyn, N. Y.
Brucker, Michael, mchsts. & fndrs., 820 N. Lincoln, Chicago, Ill.
Bruckman Lumber Co., Allegheny, Pa.
Brueggeman, G. F. A., archt., 3d Nat'l. Bk. Bldg., St. Louis, Mo.
Bruen & Morris, masons' & bldrs.' matls., Madison, N. J.
Bruer Bros. & Co., sashes, doors & blinds, 2814 Lyndale av, S., Minneapolis, Minn.
Bruggeman, J. F., Co., contractors, 502 Avery, Pittsburgh, Pa.
Brugh, R., canned goods, Nace, Va.
Brugler, J. H., architect, Danville, Pa.
Brumback, F. C., & Son, flour mills, Luray, Va.
Brumbaugh, G. Edwin, architect, Rl. Est. Tr. Bldg., Phila., Pa.
Bruml, Hy., Co., advtg. novelties, 110 Liberty, New York.
Brun, C. B., architect, 405 Lexington av, New York.
Brundage, Avery, contractors, 110 S. Dearborn, Chicago, Ill.

Brundidge Fertilizer Co., Brundidge, Ala.
Brunduck, W. R., & Bros., canned goods, Drayden, Md.
Brune, T., architect, United Cotton Bldg., New Orleans, La.
Brunell & Despard, heating contrs., Worcester, Mass.
Brunelle, Arsene, contractors, Manchester, N. H.
Brunen, Wm. B., cornices, 651 Pike Cov., Cincinnati, Ohio.
Bruner, C. C., architect, San Bernardino, Cal.
Bruner, Owen M., Co., lbr., Land Title bldg, Phila., Pa.
Bruner, P. M., Granitoid Co., Frisco Bldg., St. Louis, Mo.
Brunett, Frank O., asbestos pipe coverings, 396 Smith, Brooklyn, N. Y.
Brunette, N., stone, Duck Creek, Wis.
Brunger, S., & Co., blankets, flannels (woolen), Sullivan, Ind.
Brunhoff Mfg. Co., cigar lighters, 9th & Freeman av, Cincinnati, Ohio.
Brunig, Robt., machsts., 523 Brannan, San Francisco, Cal.
Brunk Machine & Forging Co., Lorain, Ohio.
Brunkhorst, A. F., cornices, Cape Girardeau, Mo.
Brunn & Co., wood & metal auto. bodies & auto. & carriage seats, 988 Ellicott, Buffalo, N. Y.
Brunnckow, C. G., Co., cornices, 223 Globe, Providence, R. I.
Brunner, Arnold W., architect, 101 Park av, New York.
Brunner Chemical Wks., soldering flux, etc., 17 E. 3d, Cincinnati, Ohio.
Brunner, F., & Son, billiard & pool tables, 671 Communipaw av, Jersey City, N. J.
Brunner Foundry & Mfg. Co., Peru, Ill.
Brunner, H. J., Hdwe. & Mach. Supply Co., 1306 Grand, Kansas City, Mo.
Brunner & Lay, stone cutters' tools, 570 W. Polk, Chicago, Ill.
Brunner Mfg. Co., air compressors, Utica, N. Y.
Brunn's Carriage Mfg. Co., 1140 Main, Buffalo, N. Y.
Bruno, C., & Son, musical instruments, 351 4th av, New York.
Bruno & Petitti, contractors, 18 Tremont, Boston, Mass.
Bruns, Benedict J., architect, 3952 N. Robey, Chicago, Ill.
Bruns, J. H., Fdry., Watertown, S. D.
Brunswick-Balke-Collender Co., billiard tables & balls, 29 W. 32d, New York.
Brunswick-Balke-Collender Co., store fixtures, 629 S. Wabash av, Chicago, Ill.
Brunswick Brick & Tile Co., Brunswick, Mo.
Brunswick Carriage Wks., Brunswick, Ga.
Brunswick Fertilizer Co., Brunswick, Ga.
Brunswick Furniture Co., Brunswick, Md.
Brunswick Mfg. Co., machsts., Brunswick, Me.
Brunswick Marine Const. Corp., ship bldrs., 63 Wall, New York.
Brunswick Refrigerating Co., pipe bends, tanks, valves, etc., New Brunswick, N. J.
Brunswick Shipbuilding Co., Brunswick, Ga.
Brunt Mfg. Co., cultivators, Horicon, Wis.
Brunt Tile & Porcelain Co., Columbus, O.
Brunt, Walt. N., badges, etc., 880 Mission, San Francisco, Cal.
Brunton, M. J., Jr., cornices, Springfield, Mass.
Brusa Bros., granite, Barre, Vt.
Brusa Granite Co., Northfield, Vt.
Bruser, W. H., cornices & skylights, Vicksburg, Miss.
Brush Bros., brick, Bailey av nr. Erie R. R., Buffalo, N. Y.
Brush & Engel Bldg Co., contractors, 218 Shiloh, Pittsburgh, Pa.
Brush, G. W., contractor, Northport, N. Y.
Brush, Jos., masons' & bldrs.' matls., Greenwich, Conn.
Brushlite Co., elec. lgt. plant, 255 Greenwich, New York.
Brush-McCoy Pottery Co., Zanesville, O.
Brush Mop Co., 410 Lafayette, New York.
Brushbroom Co., 616 W. Elm, Chicago, Ill.
Brusher, J. B., handles, tex. machy. supplies, Norristown, Pa.
Brust & Phillipp, architects, Free Press Bldg., Milwaukee, Wis.
Bruston Automatic Electric Lighting & Power Co., 101 Park av, New York.
Bruton, J. C., wooden cross arms, Fayetteville, N. C.
Bruty, John W., contractor, 209 Washington, Boston, Mass.
Bruyere, Louis U., architect, 15 W. 38th, New York.
Bryan, A. J., architect, Chico, Cal.
Bryan & Bippus, tubular boilers, Wheeling, W. Va.
Bryan Brick Co., Bryan, Ohio.
Bryan Bros, lbr., Allendale, S. C.
Bryan Bros., flour mills, Buffalo, W. Va.
Bryan & Co., contractors, Jacksonville, Fla.
Bryan Coal Co., masons' & bldrs.' matls., Galion, Ohio.
Bryan Co., signs, Cleveland, Ohio.
Bryan Cotton Oil Co., fertilizer mfrs., Bryan, Texas.
Bryan Cotton Oil & Fertz. Co., meal, Bryan, Tex.
Bryan, Frank, architect, Col. Sav. & Trust Bldg., Columbus, O.
Bryan, Frank, contractor, McKees Rocks, Pa.
Bryan, H. E., cornices & skylights, Cadiz, Ohio.
Bryan, H F., architect, 1802 W. 50th, Los Angeles, Cal.
Bryan Hardware Co. (wholesale), Bryan, O., & Westfield, Mass.
Bryan, Jas. M., paint mfrs., Wilmington, Del.
Bryan-Marsh, Division, elec. lamps, 431 S. Dearborn, Chicago, Ill.
Bryan Mfg Co., barrows, Bryan, Ohio.
Bryan-Metcalf Co., turpentine, Harper, Fla.
Bryan, N. C., turpentine, Monticello, Fla.
Bryan Nov. Mfg. Co., folding seats, display racks, etc., Bryan, O.
Bryan Plow Co., Bryan, Ohio.
Bryan & Poteet, architects, Lakeland, Fla.
Bryan Show Case Co., Bryan, Ohio.
Bryant & Austin, contrs., 1650 Compton av, Los Angeles, Cal.
Bryant & Berry Co., mchsts.& fndrs., 32 Atwater, W. Detroit, Mich.
Bryant Bros Co., memorial windows, 79 E. Main, Columbus, O.
Bryant, Chas. K., archt., Va. Ry. & Power Bldg., Richmond, Va.
Bryant Chucking Grinder Co., Springfield, Vt.
Bryant & Detwiler, contractors, Dime Bank Bldg., Detroit, Mich.
Bryant, Edw., Co., masons' & bldrs.' matls, 23 Central, Boston, Mass., & Rockport, Me.
Bryant Elec. Co., sleeve wire connectors, 1421 State, Bridgeport, Conn.
Bryant, E. R., porcelain spec., 81 High, Boston, Mass.
Bryant Fertilizer Co., Alexandria, Va.
Bryant Furniture Co., bedstead mfrs., Truxton, N. Y.
Bryant, Geo. H., & Son, masons' & bldrs.' matls., Fitzgerald, Ga.
Bryant Heater & Mfg. Co., gas heaters, 952 E. 72d, Cleveland, O.
Bryant, J. C., Co., lbr., Loris, S. C.
Bryant, J. E., contractor, Ripley, N. Y.
Bryant, J. R., architect, Sweetwater, Tex.
Bryant, J. W., Co., fndrs., 2601 University av, S. E., Minneapolis, Minn.
Bryant, John T., delivery & wooden market baskets, Springfield, Ohio.
Bryant Lumber & Shingle Mill Co., Seattle, Wash.
Bryant Mfg. Co., battery coppers & zincs, 456 W. Ontario, Chicago, Ill.
Bryant Mfg. Co., wood handles, Springfield, Ohio.
Bryant Uph. Furniture Co., 1622 W. 7th, Los Angeles, Cal.
Bryant, O., & Sons, machsts., 1407 West av, Buffalo, N. Y.
Bryant Paper Co., surface coated paper, Kalamazoo, Mich.
Bryant Supply Co., masons' & bldrs.' matls., Kansas City, Mo.
Bryant & Trott Co., cornices & skylights, Santa Maria, Cal.
Bryant, W. A., & Sons Co., masons' & bldrs.' matls., Waterloo, Ia.
Bryant Zinc Co., 600 Orleans, Chicago, Ill.
Bryant's, John, Sons, carriages, 15 Austin, Boston, Mass.
Bryce Bros. Co., glass tumblers, Mount Pleasant, Pa.
Bryce Building Co., Fort Smith, Tex.
Bryce Heating & Ventilating Co., Toledo, Ohio.
Bryceland Lumber Co., Ltd., Bryceland, La.
Brydges, E. M., architect, 64 E. Van Buren, Chicago, Ill.
Brydon, H. R., architect, Riverside, Wash.
Brydson Bros., contrs., Austin, Tex.
Bryer, A. E., Contracting Co., 461 Western av, Lynn, Mass.
Brylgon Steel Casting Co., connecting rods, New Castle, Del.
Bryne, W. A., contr., West Medford, Mass.
Bryson & Bryson, contrs., Jacksonville, Fla.
Bryson City Pump Works Co., Bryson City, N. C.
Bryson, D. A., lumber, Montpelier, Ind.
Bryson, Geo. M., architect, Boston Bldg., Salt Lake City, Utah.
Bryson, Thos. B., contractor, 52 Vanderbilt av, New York.
Bubeck & Guerin, poker sets, humiditors, etc., 161 W. 18th, New York.
Buch Bros., lbr., Reading, Pa.
Buch Fdry. Equipment Co., molding machs., Bridgeport, Pa.
Buchan & Co., contractors, Peoples Bk. Bldg., Pittsburgh, Pa.
Buchan, P. F., turpentine, Manley, N. C.
Buchan Soap Co., 988 Hume av, N. W., Cleveland, Ohio.
Buchanan, A., Jr., soil pipe connections, 490 Sumner av, Brooklyn, N. Y.
Buchanan & Bolt Wire Co., Holyoke, Mass.
Buchanan & Brockway, architects, Pasadena, Cal.
Buchanan & Burns Co., manicure files, 45 Austin, Newark, N. J.
Buchanan, C. G., Chem. Co., 118 E. Pearl, Cincinnati, Ohio.
Buchanan, C. G., Co., stone crushing machy., magnetic separators, etc., 90 West, New York.
Buchanan Cabinet Co., Buchanan, Mich.
Buchanan Elec. Steel Co., steel truck wheels, 80 E. Jackson blvd, Chicago, Ill.
Buchanan Fndry. Co., Lebanon, Pa.
Buchanan, Geo. J. Co., cornices & skylights, 87 Commercial Wharf, Boston, Mass.
Buchanan & Gilder, Fort Worth, Tex.
Buchanan, J. F., & Co., outlet bushings, 1719 Chestnut, Philadelphia, Pa.
Buchanan, Jos. W., carriages, 801 E. Market, Indianapolis, Ind.
Buchanan, S. G., carriages, Mays Lick, Ky.
Buchanan, Thos., Co., buffing wheels, 29 W. 3d, Cincinnati, Ohio.
Buchanan, Washington T., Crawfordsville, Ind.
Buchanan, Wm., cornices, 488 Sumner av, Brooklyn, N. Y.
Buchanan, Wm., lumber, Texarkana, Tex.
Buchanan, Wm. D., contractor, Cohoes, N. Y.
Buchanan & Smock Lumber Co., Asbury Park, N. J.
Buchel Mach. Wks., regulators, New Orleans, La.
Bucher, E. Packing Co., meat packers, Cairo, Ill.
Bucher & Gibbs Plow Co., Canton, O.
Bucher & Smith Co., key seaters, power hack saws & arbor presses, East Liverpool, Ohio.
Bucher, Wm. M., & Son, sash, door & blind, Harrisonburg, Va.
Buchheimer, Geo. H., sporting & athletic goods mfrs., Balto., Md.
Buchholtz, C., Co., machsts., Hoboken, N. J.
Buchleins', Hy., Sons, stencils, 27 Green, Newark, N. J.
Buchman & Fox, architects, 42d & Madison av, New York.
Buch's, A., Sons Co., agricultural implements, Elizabethtown, Pa.
Buchtenkirk, Geo. C., architect, 21 Park row, New York.
Buchwald, Chas. A., Lumber Co., Marshalltown, Ia.
Buck Bros., mchsts. & fdrs., edge tools, Millbury, Mass.
Buck Bros. Co., glass, Des Moines, Ia.

Buck, C. H. & Co., signs—brass, electric, glass, etc., 411 Dorchester av, Boston, Mass.
Buck, Chas., Edge Tool Co., machsts., Millbury, Mass.
Buck, Clyde D., & Co., wood handles, Kokomo, Ind.
Buck Creek Cotton Mills, Siluria, Ala.
Buck, E. A., & Co., mill & facty. supplies, & wholesale hdwe., Palmer, & Worcester, Mass.
Buck & Gallagher, stone producers, 25th & Morris, Phila., Pa.
Buck Glass Co., glass bottles, Fort av & Lawrence, Balto., Md.
Buck, H. E., Brick Mfg. Co., Lake Charles, La.
Buck, J. F., turpentine, Apalachicola, Fla.
Buck, J. M., & Co., handles—wood, Bluffton, Ind.
Buck, Lawrence, architect & archl. water colorist, 64 E. Vanburen, Chicago, Ill.
Buck, Levin T., & Co., common brick, Weems, Va.
Buck & Mullen, contractors, Muskegon, Mich.
Buck, Niels & Co., architects & contrs., 105 S. La Salle, Chicago, Ill.
Buck, Peter E., & Sons, wholesale hdwe, masons' & bldrs.' & mill & facty. supplies., Ashland, Pa.
Buck, R. B., brick, Morris, Ill.
Buck, T., & E. R., lumber, West Sterling, Mass.
Buck, T. S., Mfg. Co., rubber stamps, 535 B'way, New York.
Buck & Toole Milling Co., flour, Bloomfield, Mo.
Buck, Werden, masons' & bldrs.' matls., Joliet, Ill.
Buckbee, J. C., Co., complete stone crushing plants, etc., 38 S. Dearborn, Chicago, Ill.
Buckel, Chas., architect, 3149 Mission, San Francisco, Cal.
Buckelew Hardware Co., Shreveport, La.
Buckett, Arthur C., architect, 1327 Farwell av, Chicago, Ill.
Buckey Planing Mill Co., Baltimore, Ohio.
Buckeye Aluminum Co., Wooster, Ohio.
Buckeye Baler Co., presses, Findlay, Ohio.
Buckeye Bedding Co., mattresses, Dayton, Ohio.
Buckeye Belting & Supply Co., 1560 W. 3d, Cleveland, O.
Buckeye Boiler Co., tanks (all kinds), etc., Dayton, Ohio.
Buckeye Boiler Skimmer Co., Toledo, Ohio.
Buckeye Brass & Mfg. Co., hand vacuum cleaners, 1807 Columbus rd, Cleveland, Ohio.
Buckeye Builders' Supply Co., Toledo, Ohio.
Buckeye Canning Co., Continental, Ohio.
Buckeye Chemical Co., boiler compounds, 1121 Chamber of Commerce, Detroit, Mich., & Akron, Ohio.
Buckeye Churn Co., Sidney, Ohio.
Buckeye Clay Pot Co., Toledo, Ohio.
Buckeye Cotton Oil Co., Gwenne Bldg., Cincinnati, Ohio.
Buckeye Cream Separators Co., Oberlin, Ohio.
Buckeye Dredging Co., sand dlrs., Kimball & Mitchell, Columbus, Ohio.
Buckeye Elec. Wks. of G. E. Co., lamps, Illuminating Bldg., Cleveland, Ohio.
Buckeye Engine Co., Cleveland & Salem, Ohio, & Chicago, Ill.
Buckeye Engine & Fdry. Co., Joliet, Ill.
Buckeye Fireclay Co., Urichsville, Ohio.
Buckeye Foundry Co., Queen City av & Buck, Cincinnati, Ohio.
Buckeye Foundry Co., Overpeck, Ohio.
Buckeye Furnace Co., heating, 1635 E. 55th, Cleveland, Ohio.
Buckeye Handle, Gear & Bending Co., Alliance, Ohio.
Buckeye Incubator Co., Springfield, Ohio.
Buckeye Ink Co., 141 E. 4th, Cincinnati, Ohio.
Buckeye Iron & Brass Works, oil mill machy., etc., Dayton, Ohio.
Buckeye Jack Mfg. Co., Alliance, Ohio.
Buckeye Lumber Co., Seattle, Wash.
Buckeye Mach. Co., Lima, Ohio.
Buckeye Mfg. & Fdry Co., gauges, butt, 2046 W. 55th, Cleveland, Ohio.
Buckeye Mfg. Co., automobile bldrs. & machsts, Anderson, Ind.
Buckeye Marble Co., Hamilton, Ohio.
Buckeye Mill & Lumber Co., Jackson, Ohio.
Buckeye Paint & Varnish Co., Toledo, Ohio.
Buckeye Paste Co., 270 S. Wall, Columbus, Ohio.
BUCKEYE PRODUCTS CO. (THE), fndry. supplies & core & parting compounds, 919-929 W. 5th, Cincinnati, Ohio.
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Buckeye Pump & Mfg. Co., mchsts. & fndrs., Columbus, Ohio.
Buckeye Ribbon & Carbon Co., Cleveland, Ohio.
Buckeye Rolling Mill Co., Newark & Steubenville, Ohio.
Buckeye Salt Co., Pomeroy, Ohio.
Buckeye Saw Mfg. Co., Columbus, Ohio.
Buckeye Saw Vise Co., gauges, butt, 2046 W. 55th, Cleveland, O.
Buckeye Sewer Pipe Co., Akron, Ohio.
Buckeye Stave Co., lumber, Leipsic, Ohio.
Buckeye Stamping Co., boxes, Columbus, Ohio.
Buckeye Steel Castings Co., Columbus, Ohio.
Buckeye Steel Furnace Co., Dayton, Ohio.
Buckeye Stoneware Co., potteries, Buckeye Cottage, Ohio.
Buckeye Supply Co., scrap iron & steel, Marietta, Ohio.
Buckeye Tempered Copper & Brass Co., Mansfield, Ohio.
Buckeye Tent & Awning Mfg. Co., 264 Spruce, Columbus, Ohio.
Buckeye Tool & Machine Co., drilling machines, New Philadelphia, Ohio.
Buckeye Traction Ditcher Co., trench excavating machy., Findlay, Ohio.
Buckeye Twist Drill Co., drills, reamers & special tools, Alliance, Ohio.
Buckeye Window Glass Co., Bonham av, Columbus, Ohio.
Buckeye Wrecking & Salvage Co., second hand bldg. materials, 959 W. 7th, Cincinnati, Ohio.
Buckeystown Packing Co., Buckeystown, Md.
Buckham, C. W., architect, 307 5th av, New York.
Buckhannon Chemical Co., wood alcohol, Olean, N. Y.
Buckhannon Woolen Mills, flannels, Buckhannon, W. Va.
Buckhead Fertilizer Co., Buckhead, Ga.
Buckhorn Plaster Co., Denver, Colo.
Buckie Printers' Ink Co., 714 S. Clark, Chicago, Ill.
Buckingham, C. W., architect, Jacksonville, Ill.
Buckingham Fdry. & Screen Plate Co., Bellows Falls, Vt.
Buckingham, Geo. W., contractor, Grand Forks, N. D.
Buckingham & Hair, masons' & bldrs.' matls., Milford, Ohio.
Buckingham, Jerome W., architect, 136 Griggs, Waterbury, Conn.
Buckingham, N., & Co., coffins, caskets, etc., Bridgeport, Conn.
Buckingham, Newell, archt., Corcoran bldg., Washington, D. C.
Buckingham, Rae, Co., garment hangers, 208 S. La Salle, Chicago, Ill.
Buckingham-Routh Co., hot water radiators, New Haven, Conn.
Buckingham, W. H., linemen's climbers, Binghamton, N. Y.
Buckingham, W. J., & Son, handles—wood, Mathiston, Miss.
Buckler, Riggin, architect, 11 E. Pleasant, Baltimore, Md.
Buckley, A. H., architect, Gloyd Bldg., Kansas City, Mo.
Buckley, A. W. & Co., architects, 3967 Elston av, Chicago, Ill.
Buckley, Dement & Co., addressing & mailing, 632 Sherman, Chicago, Ill.
Buckley & Douglas Lumber Co., Manistee, Mich.
Buckley, Ellwood, contractor, Atlantic City, N. J.
Buckley, Fred, cornices & skylights, Wichita, Kans.
Buckley, J., Co., meat packers, Chester, Pa.
Buckley, J. M., & C. J., Co., contractors, 164 Federal, Boston, & 128 Vernon, Worcester, Mass.
Buckley, J. N., brass & composition fndrs., Dalton, Mass.
Buckley, Jas. J., hod elevators, 303 5th av, New York.
Buckley, Jeremiah, contractor, 2233 Creston av, New York.
Buckley, John, Hub, Spoke & Wheel Co., 969 N. 2d, Phila., Pa.
Buckley, M. D., granite producers, New London, Conn.
Buckley, Roland C., archt., Plymouth Bldg., Minneapolis, Minn.
Buckley, Walter F., fndrs., 627 Filbert, Philadelphia, Pa.
Buckley, W., Rubber Co., 69 Warren, New York.
Buckley, Washington, Inc., contractor, 94 Emerson, B'klyn, N. Y.
Buckley's, B., machsts., Paterson, N. J.
Bucklin, C. R., Belting Co., Pawtucket, R. I.
Buckman, A. M., architect, Bellows Falls, Vt.
Buckman & Kean Japanning Co., patent leather, Woburn, Mass.
Bucknall, Scholtz & Co., corkwood imptrs., 193 Water, New York.
Bucknell Univ. Dept. of C. E., engng. school & coll., Lewisburg, Pa.
Buckner Bros. Lbr. Co., 332 S. Michigan av, Chicago, Ill.
Buck's Stove & Range Co., 3500 N. 2d, St. Louis, Mo.
Buckstaff Co., caskets, etc., Oshkosh, Wis.
Buckstaff-Sprague Lumber Co., Morris, Wis.
Buckwalter, J. A., wholesale hdwe. & masons' & bldrs.' matls., Royersford, Pa.
Buckwalter Stove Co., stove mfrs., Royersford, Pa.
Bucley Lbr. Co., Yelgar, La.
Bucy, Aldo, contractor, 3020 Allendale, Pittsburgh, Pa.
Bucyrus Co., mchsts. & fndrs.; conveying machy., South Milwaukee, Wis.
Bucyrus Copper Kettle Works, Bucyrus, Ohio.
Bucyrus Rubber Co., Bucyrus, Ohio.
Buda Co., special truck wk. mfrs.; cars, etc., 80 E. Jackson, Chicago, Ill.
Budd, B. F., & Son, contractors, Sharon, Pa.
Budd, Edward G., Mfg. Co., sheet metal stamping & steel auto bodies, Phila., Pa.
Budd Grate & Fdy. Co., 2013 Letterly, Phila., Pa.
Budd, H. T., mchsts. & fdrs., Okron, Ohio.
Budd, K. C., architect, 500 5th av, New York.
Budd & Ranney Mfg. Co., machsts., 82 W. State, Columbus, O.
Budde Mfg. Co., plumbers' wood work, 4 Summer, San Francisco, Cal.
Budde & Weis Mfg. Co., bank, office & store fixtures, Jackson, Tenn.
Budde & Westermann, match mfrs., tin foil, 7th av & 29th, New York.
Buddenbaum Lbr. Co., Indianapolis, Ind.
Buddy, Phil. P., Bldg. & Constr. Co., St. Joseph, Mo.
Budge, Frank T., Co., wholesale hdwe., Miami, Fla.
Buebendorf Bros., flint pebbles, Produce Exch., New York.
Bueche, Frank, & Co., contractors, 13 Lippincott, Cincinnati, O.
Buechele Iron & Tool Wks. Co., mchsts. & fndrs., 4127 Liberty av, Pittsburgh, Pa.
Buecker, Henry F., mach., Newport, Ky.
Buehne Steel Wool Co., 93 Nassau, New York.
Buehner, A. Decorators' Supply Co., St. Louis, Mo.
Buehrle, German B., masons' & bldrs.' matls., Youngstown, Ohio.
Buek, Chas., architect, 5 E. 42d, New York.
Buell Bros., hdwe. mfrs., Clinton, Conn.
Buell Bros., radiator trucks, Fulton, N. Y.
Buell, C. S., Co., cornices, 198 4th av, Brooklyn, N. Y.
Buell Mfg. Co., woolen blankets & flannels, St. Joseph, Mo.
Buell, Ward S., contractor, Albion, N. Y.
Buena Vista Foundry Co., machsts. & fndrs., Buena Vista, Va.
Buente, Louis C., stone, 3656 Sp. Grove av, Cum., Cincinnati, O.
Buer, Jacob L., architect, 1846 B'way, Toledo, Ohio.

Buerger, Albert J., Jr., architect, 4026 W. 12th, Chicago, Ill.
Buerkel & Co., mill & facty. supplies, 24 Union Park, Boston, Mass.
Buerkens Mfg. Co., machsts. & fndrs., Pella, Ia.
Buerkin & Kaempen, contractors, Quincy, Ill.
Buermann, Aug., Mfg. Co., machsts., hdwe. mfrs., 220 Jeliff av, Newark, N. J.
Buermming, Herman W., architect, 521 Jackson, Milwaukee, Wis.
Buerstrin Constr. Co., 567 E. Water, Milwaukee, Wis.
Buescher Band Instrument Co., Elkhart, Ind.
Buesching-Hagerman & Co., contractors, Fort Wayne, Ind.
Buess, Wm., marble interior wk., 312 E. 95th, New York.
Buettner Shelburne Mach. Co., machsts., Terre Haute, Ind.
Buff & Buff Mfg. Co., current meters; architects & engineers' instruments, 98 Green, Jamaica Plain, Mass.
Buffalo Asbestos Co., pipe covering, 64 Delaware av, Buffalo, N. Y.
Buffalo Automatic Mfg. Co., paper clips & fasteners, 165 Pearl, Buffalo, N. Y.
Buffalo Bath Cabinet Co., 435 William, Buffalo, N. Y.
Buffalo Belting Wks., 18 Ellicott, Buffalo, N. Y.
Buffalo Blue Print Co., Builders' Exchange, Buffalo, N. Y.
Buffalo Bolt Co., Buffalo, N. Y.
Buffalo Box Factory, Buffalo, N. Y.
Buffalo Brake Beam Co., machsts. & fndrs., 32 Nassau, New York.
Buffalo Brass Fdry., Buffalo, N. Y.
Buffalo Brick Co., Buffalo, Kan.
Buffalo Car Wheel Fndry Co., Dun Bldg., Buffalo, N. Y.
Buffalo Cement Co., 110 Franklin, Buffalo, N. Y.
Buffalo Chemical Fire Extinguisher Co., 67 Carroll, Buffalo, N. Y.
Buffalo Contrs. Equip't Co., concrete mixers, 1443 Niagara, Buffalo, N. Y.
Buffalo Co-operative Stove Co., Buffalo, N. Y.
Buffalo Corr. Container Co., 25 Imson, Buffalo, N. Y.
Buffalo Crushed Stone Co., Ellicott sq., Buffalo, N. Y.
Buffalo Cut Glass Co., Batavia, N. Y.
Buffalo Dec. Fibre Co., Buffalo, N. Y.
Buffalo-Dehn Co., picture books, 70 W. Chippewa, Buffalo, N. Y.
Buffalo Dental Mfg. Co., Buffalo, N. Y.
Buffalo Dredging Co., Morgan Bldg., Buffalo, N. Y.
Buffalo Dry Dock Co., machinists, Buffalo, N. Y.
Buffalo Emery Wheel Co., 127 Ash, Buffalo, N. Y.
Buffalo Engine Co., machinists, Buffalo, N. Y.
Buffalo Engng. Co. Erie Co., Bank Bldg., Buffalo, N. Y.
Buffalo Envelope Co., 268 Mich. av, Buffalo, N. Y.
Buffalo Expanded Metal Co., 120 Hardwood pl, Buffalo, N. Y.
Buffalo Fertilizer Works, Marine Bank Bldg., Buffalo, N. Y.
Buffalo Fire Door Co., 80 Terrace, Buffalo, N. Y.
Buffalo Flour Milling Co., Central Tr. Bl., Philadelphia, Pa.
Buffalo Forge Co., elec. disc fans; machsts. & fndrs., Buffalo, N. Y.
Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book.
Buffalo Galvanizing & Tinning Wks., 49 Jackson, Buffalo, N. Y.
Buffalo Gas Co., gas retort carbons, Buffalo, N. Y.
Buffalo Gas Mantle Co., 296 Bryant, Buffalo, N. Y.
Buffalo Gasoline Motor Co., Buffalo, N. Y.
Buffalo Gear & Pattern Wks., machsts., 18 Elk, Buffalo, N. Y.
Buffalo Glass Co., 101 E. Seneca, Buffalo, N. Y.
Buffalo Grille Co., wood turning, 270 Court, Buffalo, N. Y.
Buffalo Hardwood Lbr. Co., 940 Seneca, Buffalo, N. Y.
Buffalo Hoist & Derrick Co., buckets, etc., 131 Erie, Buffalo, N.Y. *See adv index at end of book*
Buffalo House Wrecking & Salvage Co., scrap iron, etc., Sycamore & Erie R. R., Buffalo, N. Y.
Buffalo Incubator Co., 543 Seneca, Buffalo, N. Y.
Buffalo Jewelry Case Co., Buffalo, N. Y.
Buffalo Knife Co., Buffalo, N. Y.
Buffalo Lamp Co., 110 B'way, Buffalo, N. Y.
Buffalo Last Wks., clogs, 4 Lock, Buffalo, N. Y.
Buffalo Litholite Co., stone, Main & Amherst, Buffalo, N. Y.
Buffalo Mach. Mfg. Co., Buffalo, N. Y.
Buffalo Mfg. Co., water cooler filters, etc., Buffalo, N. Y.
Buffalo Mattress Co., 135 Church, Buffalo, N. Y.
Buffalo Metal Furniture Mfg. Co., Buffalo, N. Y.
Buffalo Metal Goods Co., oil & grease cup lubricators, 196 Winchester av, Buffalo, N. Y.
Buffalo Meter Co., disc & water meters, 2921 Main, Buffalo, N. Y.
See adv index at end of book.
Buffalo Mill Supply Co., 210 Main, Buffalo, N. Y.
Buffalo Nipple & Mach. Co., Inc., 235 Glenwood av, Buffalo, N. Y.
Buffalo Non-Ferrous Casting & Mfg. Co., 45 Letchworth, Buffalo, N. Y.
Buffalo Oil & Compound Co., Buffalo, N. Y.
Buffalo Oil, Paint & Varnish Co., Buffalo, N. Y.
Buffalo Paragon Wall Plaster Co., Ellicott sq., Buffalo, N. Y.
Buffalo Pattern Wks., 830 Hertel av, Buffalo, N. Y.
Buffalo Pitts Co., agricultural implements, Buffalo, N. Y.
Buffalo Plumbing Supply Co., 665 Fillmore av, Buffalo, N. Y.
Buffalo Pottery, Buffalo, N. Y.
Buffalo Pressed Steel Co., 800 Kensington av, Buffalo, N. Y.
Buffalo Printing Ink Wks., 348 Ellicott, Buffalo, N. Y.
Buffalo Refining Co., petroleum, 77 Main, Buffalo, N. Y.
Buffalo Refrigerating Mach. Co., 126 Liberty, New York.
Buffalo Sandstone Brick Co., Lancaster, N. Y.
Buffalo Scale Co., 1205 Niagara, Buffalo, N. Y.
Buffalo Sled Co., children's sleds, coaster wagons, etc., N. Tonawanda, N. Y., & 108 Chambers, New York.
Buffalo Smelting Wks., 1 Austin, Buffalo, N. Y.
Buffalo Specialty Co., hdwe. mfrs., machsts., 375 Ellicott, Buffalo, N. Y.
Buffalo Springfield Roller Co., road machines & graders, Springfield, Ohio.
Buffalo Steam Pump Co., machsts. & fndrs., Buffalo and North Tonawanda, N. Y.
Buffalo Steel Co., Tonawanda, N. Y.
Buffalo Structural Steel Co., Buffalo, N. Y.
Buffalo Thermometer Co., 60 Cherry, Buffalo, N. Y.
Buffalo Toy Co., 10 Elk, Buffalo, N. Y.
Buffalo Trunk Mfg. Co., Buffalo, N. Y.
Buffalo Union Furnace Co., ft. Hamburg, Buffalo, N. Y.
Buffalo Waste Paper Co., scrap iron, rubber, etc., 113 Erie, Buffalo, N. Y.
Buffalo Weaving & Belting Co., rubber goods, cotton webbing, skate straps, etc., Buffalo, N. Y.
Buffalo Wholesale Hardware Co., 317 Washington, Buffalo, N. Y.
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.
Buffalo Woven Label Wks., 565 Washington, Buffalo, N. Y.
Buffington, Arthur E., contractor, New Bedford, Mass.
Buffington, C. A., & Co., auto. seats, Berkshire, N. Y.
Buffington, I. T., sash, door & blind, Elizabethville, Pa.
Buffington Wheel Co., Burlington, Ia.
Buffum Tool Co., bricklayers' chisels, South Side, Louisiana, Mo.
Buford Bros., wholesale hardware, Nashville, Tenn.
Bugbee, Arthur S., architect, Hearst Bldg., San Francisco, Cal.
Bugbee, E. A., Co., granite, Barre, Vt.
Bugbee, H. A., fertilizer mfrs., Willimantic, Conn.
Bugbee, Maxwell G., architect, 619 Washington, San Francisco, Cal.
Bugbee, Newton A. K., & Co., contractors, Trenton, N. J.
Buhl Malleable Co., castings, Detroit, Mich.
Buhl, Sons Co., whol. hdwe. & mill & facty. supplies, 103-119 Woodbridge, W., Detroit, Mich.
Buhl Stamping Co., cans, tin plate mfrs., etc., Detroit, Mich.
Buhler Mill & Elevator Co., Buhler, Kan.
Buhlmann, A. W., textile machy. & supplies, 200 5th av, New York.
Buhner, F. F., fertilizer, Seymour, Ind.
Buhner, Rudolph F., machsts. & fndrs., Seymour, Ind.
Buhr Mfg. Co., agricultural implements, Washington, Mo.
Buhr, Pfaff & Co., confectioners' machy., 2d & Race, Cincinnati, Ohio.
Buhring Water Purifying Co., 68 Murray, New York.
Buhrke, R. H., Co., tool bags, steel balls, jack-straps, etc., 2414 N. Sac. av, Chicago, Ill.
Buhrman, J. B., & Son, canned goods, Lick Run, Va.
Buhrman, Pharr Hdwe. Co., Texarkana, Ark.
Buick Motor Co., Flint, Mich.
Buie, J. C., sashes, doors & blinds, Burnt Fort, Ga.
Builder & Contractor, trade publications, Los Angeles, Cal.
Builders' Brick Co., 118 N. La Salle, Chicago, Ill., and Seattle, Wash.
B'ldrs.' Brick Mfg. Co., Hooper, Neb.
Builders' Brick & Supply Co., masons' & bldrs.' matls., 172nd & West Farms rd, New York.
Building Const. Co., 343 S. Dearborn, Chicago, Ill.
Builders' Construction Co., Lemcke Annex, Indianapolis, Ind.
Builders' General Supply Co., masons' & bldrs.' matls., Darby & Scott, Columbus, O.
Builders' Iron Foundry, water pipe fittings, meters, gauges, grinding & polishing machinery, etc., 9 Codding, Providence, R. I.
Builders' Iron & Steel Co., 262 Bridge, E. C., Boston, Mass.
Builders' Iron Wks. Co., bank railings, 1815 University av, Minneapolis, Minn.
Builders' Lime & Cement Co., Davenport, Ia.
Builders' Lumber & Supply Co., contrs., W. 73d & Denison, Cleveland, Ohio.
Builders' Lumber & Supply Co., Macon, Ga.
Builders' Mfg. Co., sash, door & blind mfrs., 828 N. Wells, Chicago, Ill.
Builders' Material Supply Co., Republic Bldg., Kansas City, Mo.
Builders' Material Supply Co., Center, Newark, N. J.
Builders' Mutual Supply Co., Savannah, Ga.
Builders' Steel Product Co., culverts, 1210 Fidelity, Philadelphia, Pa.
Builders' Supply Co., sash, door & blind mfrs., 2228 W. Mad., Chicago, Ill.
Builders' Supply Co., sash, door & blind, Everett, Wash.
Builders' Supply Co., Gaffney, S. C.
Builders' Supply Co., Los Angeles, Cal.
Builders' Supply Co., Shreveport, La.
Builders' Supply Corp., door & house bells (rotary), 342 E. Wash., Indianapolis, Ind.
Builders' Supply Depot, 42 8th, San Francisco, Cal.
Bldg. Age, trade publication, 239 W. 39th, New York.
Building Management, trade publications, 119 W. 40th, New York.
Building Material Co., Monadnock Bldg., San Francisco, Cal.

Building Specialties Co., Inc., masons' & bldrs.' matls., Rochester, N. Y.
Building Supplies Corp., Norfolk, Va.
Building Witness, trade publication, Commercial Tribune Bldg., Cincinnati, Ohio.
Buildings Equipment Mfg. Co., elec. safety devices, 327 S. La Salle, Chicago, Ill.
Buildings' News, trade publications, Perry Bldg, Phila., Pa.
Buissono Bros. Mfg. Co., machinists, 3351 Parnell, Chicago, Ill.
Bulasky, L., hatters' machy., 44 E. Houston, New York.
Bulger, C. W., & Son, architects, Praetorian Bldg., Dallas, Tex.
Bulger, Wm., Varnish Co., 3053 E. 87th, Cleveland, Ohio.
Bulis, J. C., Mfg. Co., paper boxes, 1122 S. 12th, St. Louis, Mo.
Bulkley, Dunton & Co., paper & pulp mills & wood pulp, importers, 75 Duane, New York.
Bulkley, Hy. W., heaters, Orange, N. J.
Bull Creek Sand & Gravel Co., Columbus, Ga.
Bull, Edward H., contractor, Waltham, Mass.
Bull, Edwin C., bldg. contractor, Waltham, Mass.
Bull Run Talc & Soapstone Co., Clifton Station, Va.
Bull Tractor Co., 2628 Univ. av, S. E., Minneapolis, Minn.
Bull, Wm., textile machy., supplies, etc., Bennington, Vt.
Bull, Wm. C., architect, Bennington, Vt.
Bullard Brick Co., Jackson, Miss.
Bullard & Bullard, architects, Unity Bldg., Springfield, Ill.
Bullard Co., maps, 46 Cornhill, Boston, Mass.
Bullard, Elizabeth, landscape architect, 472 Park pl, Bridgeport, Conn.
Bullard & Gormley Co., whol. hdwe., 175 N. State, Chicago, Ill.
Bullard, George Wesley, architects, Provident Bldg., Tacoma, Wash.
Bullard, Hoagland & Benedict, lumber & masons' & bldrs.' matls., Omaha, Neb.
Bullard Machine Tool Co., boring & turning machines, Bridgeport, Conn.
Bullard Spec. Co., roof flanges, Tiffin, Ohio.
Bullard Spec. Co., speed indicators, Springfield, Mass.
Bullard, W. H., Thread Co., Holyoke, Mass.
Bullderick, Fred E., mattresses, Dempsey & C. H. & D. R. R., N. Fairmount, Cincinnati, Ohio.
Bullen, H. B., Lumber & Coal Co., masons' & bldrs. matls., Stillwater, Okla.
Buller Brush Co., Hartford, Conn.
Bulley & Andrews, contractors, 25 N. Dearborn, Chicago, Ill.
Bullington Engineering Wks., Union av & East Ankeny, Portland, Ore.
Bullman, E. O., Mfg. Co., bottle openers, Grand Rapids, Mich.
Bullock, C. K., mill & facty. supplies, 1357 Ridge av, Phila., Pa.
Bullock, Geo. H., contractor, Wakefield, R. I.
Bullock, John S., Lime & Cement Co., masons' & bldrs.' matls., 510 Colvin, Baltimore, Md.
Bullock Mfg. Associates, machinists, Springfield, Mass.
Bullock, T. H., Mfg. Co., blacksmiths' bellows, Cleveland, Ohio.
Bullock Tractor Co., 1801 Diversey Parkway, Chicago, Ill.
Bullockville Home Mixture Guano Co., Bullockville, Ga.
Bull's Ferry Chemical Co., dyes & dyestuffs, Edgewater, N. J.
Bulls Gap Canning Co., Bulls Gap, Tenn.
Bulow Turpentine Co., Bulow, Fla.
Bultman, F. H., Co., gears, Cleveland, Ohio.
Bumby, H. E., scrap iron & steel, Bessemer, Ala.
Bumby, Jos., Hardware Co., Orlando, Fla.
Bumann Mfg. Co., oil cans, razor stroppers, traps, Litchfield, Ill.
Bumpass Coop Co., poultry coops, Bumpass, Va.
Bumps Paper Fastener Co., La Crosse, Wis.
Bumstead, F. E., machinists, Colorado Springs, Colo.
Bumstead, F. F., machinist, Ontario, Cal.
Bunce Art Glass Co., Richmond, Va.
Bunce, J. Oscar, architect, 286 5th av, New York.
Bunck, Jno. J., & Co., brushes, brooms, 155 Chambers, New York.
Bundo Bros., contractors, 1018 E. 75th, Chicago, Ill.
Bundy Mfg. Co., machinists, Endicott, N. Y.
Bundy, W. H., Recording Co., time recorders, 135 5th av, New York.
Bungalow Construction Co., 1026 Main, Hartford, Conn.
Bungalow Craftsman Co., portable houses, Seattle, Wash.
Bungalow Magazine, trade publications, Seattle, Wash.
Bungardner, L. A., Co., contractors, Scandn.-Amer. Bk. Bldg., St. Paul, Minn.
Bunger & Scheidegger, machinists, Cleveland, Ohio.
Bungert, P. J., architect, Rockville Center, N. Y.
Bunker-Culler Lumber Co., Bunker, Mo.
Bunker, G. W., Co., contractors, Grand Rapids, Mich.
Bunker Hill Canning Co., Bunker Hill, Ind.
Bunker, Wm., G., architect, Augusta, Me.
Bunkie Brick Works, Ltd., Bunkie, La.
Bunn & Nase, contractor, 1123 B'way, New York.
Bunnecke, Geo., & Sons, contractors, 305 St. Paul, Baltimore, Md.
Bunnell, J. H., & Co., tele. & telephone app.; batteries, alarms, etc., 32 Park pl, New York.
Bunnell, W. H., washers, plugs, cups, 131 Worth, New York.
BUNTING BRASS & BRONZE CO., finished bronze bushings & bearings, 738 Spencer, Toledo, Ohio.
See adv index at end of book.
Bunting Hardware Co., 810 Walnut, Kansas City, Mo.
Bunting Iron Works, Coalinga, Cal.
Bunting, J. R., Bedding Co., 1505 Wharton, Philadelphia, Pa.
Bunting Publication, Inc., trade publication, 9 S. Clinton, Chicago, Ill.
Bunting & Shrigley, architects, 603 Chestnut, Philadelphia, Pa.
Bunton & Bernard, contractors, Manchester, N. H.
Buob & Scheu, machsts. & auto. wood bodies, 216 Webster, Cincinnati, Ohio.
Buonanno & Marcello Co., contractors, 583 Laurel Hill av, Providence, R. I.
Buoy, Jno. Y., Co., wholesale hardware, mill & facty. supps., Milton, Pa.
Burbank, Ralph N., architect, 75 State, Boston, Mass.
Burbank & Ryder, paint & varnishes, Boston, Mass.
Burbank Thawing Mach. Co., 355 Warren, Box, Boston, Mass.
Burch, F. J., Mfg. Co., tents, Pueblo, Colo.
Burch, F. S., & Co., sheep dips, disinfectants, 152 W. Huron, Chicago, Ill.
Burch, Horace O., contractors, New London, Conn.
Burch Plow Wks. Co., Crestline, Ohio.
Burchartz Fireproofing Co., 26 Cortlandt, New York.
Burchell, Johnston Corp., fire detectors, 149 B'way, New York.
Burcher & Robinson, contractors, Scranton, Pa.
Burchett & Billings, lbr., Austin, N. C.
Burchfield, T. T., Co., machinery dlrs., 54 N. 6th, Phila., Pa.
Burchwell Mfg. Co., lamps, Pontiac Bldg., St. Louis, Mo.
Burckard Blacking & Oil Co., shoe blacking, 1322 Greenmount av, Baltimore, Md.
Burd, Chas. E., contractor, Red Bank, N. J.
Burd Construction Co., Canton, Ohio.
Burd High Compression Ring Co., 23d av & 10th, Rockford, Ill.
Burden & Blakeslee, can righting machs., Cazenovia, N. Y.
Burden, Chester G., architect, 340 Madison av, New York.
Burden Iron Co., horse shoes, Troy, N. Y.
Burdett Chair Mfg. Co., furniture, rattan & reed, Keene, N. H.
Burdett Mfg. Co., cotton mops & rope, Kansas City, Mo.
Burdett Mfg. Co., oxy-acet. welding apparatus, 309 St. Johns Ct., Chicago, Ill.
Burdett-Rowntree Mfg. Co., dumb waiters, Hoboken, N. J.
Burdett, Smith & Co., hot air furnaces, Troy, N. Y.
Burdette Cooperage Co., Burdette, Ark.
Burdick, A. W., architect, Oskaloosa, Ia.
Burdick, A. W., & Co., cornices & skylights, Memphis, Tenn.
Burdick Cabinet Co., 15 E. Washington, Chicago, Ill.
Burdick Enamel Sign Co., 220 S. State, Chicago, Ill.
Burdick, L. F., Co., heating contractors, 2011 Adams, Toledo, O.
Burdick, S. O., architect, bldg. contr., Rutland, Vt.
Burdick & Son, stove trimmings, stampings, etc., Albany, N. Y.
Burdie Bros., brick, Glasgow, Mo.
Burdin, J. J., & Bro., lumber & saw mill, St. Martinville, La.
Burditt Bros., masons' & bldrs.' matls., Rutland, Vt.
Burditt & Williams Co., whol. hdwe., 95 Summer, Boston, Mass.
Burdsal, A., Co., paint mfrs.; wood stains & fillers, etc., Indianapolis, Ind.
Burdsall, Wm. H., contractor, Lansdowne, Pa.
Bureau Bros., architect'l bronze fndrs., 23d & Westmoreland, Philadelphia, Pa.
Burfiend, Wm. F., architect, 1324 S. State, Chicago, Ill.
Burg, E. F., hotel supplies, 224 W. First, Duluth, Minn.
Burg, L., Carriage Co., Dallas City, Ill.
Burgan, Wm. M., lumber mfrs., American bldg., Baltimore, Md.
Burgard, Henry P., Co., contractors, 1968 Fillmore av, Buffalo, N. Y.
Burgaw Brick Wks., Burgaw, N. C.
Burge Mach. Wks., 230 N. Jefferson, Chicago, Ill.
Burger, August, machst. & fndr., Mobile, Ala.
Burger & Baumgard, who. hdwe., 88 White, New York.
Burger Boat Co., motor boat, launch & yacht bldrs., Manitowoc, Wis.
Burger & Gohlke, cornices, 232 7th, Brooklyn, N. Y.
Burger, H. B., Jr., ship bldrs., Manitowoc, Wis.
Burger Iron Co., Akron, Ohio.
Burger, Wm., masons' & bldrs.' matls., Boonville, Mo.
Burgeson, C. F., contractors & dock bldrs., Tacoma, Wash.
Burgess Battery Co., dry batteries, Madison, Wis.
Burgess, C. F., Laboratories, chem. engineers & elec. lamp flashlights, Madison, Wis.
Burgess, C. H., stone producers, Euclid Quarries, Cleveland, O.
Burgess, Chas. V., architect, Security Tr. Bldg., Lynn, Mass.
Burgess Co., aeroplanes & supplies, Marblehead, Mass.
Burgess & Co., potters' supplies, East Liverpool, Ohio.
Burgess Construction Co., Hartford, Conn.
Burgess, Fobes & Co., white lead & paint mfrs., Portland, Me.
Burgess-Granden Co., electric & gas light fixtures, Omaha, Neb.
Burgess, Jas., cornices, 254 Prairie av, Providence, R. I.
Burgess, Jas. S., lumber mfrs., Marathon, N. Y.
Burgess & Long, chemical engrs., Columbus Savings & Trust Bldg., Columbus, Ohio.
Burgess, M. W. & J. G., flour mills, Reader, W. Va.
Burgess Mach. Co., New Haven, Conn.
Burgess & Norton Mfg. Co., hardware & hatchets, Geneva, Ill.
Burgess Soldering Furnace Co., Columbus, Ohio.
Burgess, W. Starling, Co. (Ltd.), naval architects, Marblehead, Mass.
Burgett, L. A., & Co., contractors, Lorain, Ohio.
Burggraf, C. H., architect, Albany, Ore.
Burgin & Co., Inc., chemicals, 95 William, New York.
Burgin Packing Co., canned goods, Cincinnati, Ohio.

Burglar Proof Lock & Hdwe. Corp., 75 Fulton, New York.
Burgmann, Feodor, packing mfr., 26 Cortlandt, New York.
Burgmaster, Daniel, heating contractor, 70 Del. av, Buffalo, N. Y.
Burgren, Albert W., architect, 30 Woodland av, San Francisco, Cal.
Burgy, F. F., machsts. & fndrs., Edgerton, Wis.
Burham Safety Razor Co., 66 Murray, New York.
Burhans & Black Co., wholesale hdwe., mill & facty. supplies, 136 N. Salina, Syracuse, N. Y.
Burhans, Lewis, contractor, Newburgh, N. Y.
Burhorn, Edwin, Co., water cooling towers, 71 Wall, New York.
Burk, Alan R. H., Mfg. Co., copper sinks, 2260 N. Philip, Phila., Pa.
Burk & Bottomley, architects, 69 Canal, Boston, Mass.
Burk Construction Co., New Castle, Ind.
Burk, Frank, contractor, New Castle, Ind.
Burk, Louis, meat packers, Girard & 3d, Philadelphia, Pa.
Burk Machine Tool Co., Conneaut, Ohio.
Burk, Michael F., architect, 333 Union, Lynn, Mass.
Burk, Wm. B., & Co., sponges, chamois, 6th & Arch, Phila., Pa.
Burk, Wm. R., architect, Hicks Bldg., New Orleans, La.
Burke, Andrus, Sand Co., Fort Smith, Ark.
Burke, Augustus, Roofing Co., roofing felts, 2621 N. Halsted, Chicago, Ill.
Burke Brick & Tile Co., Fort Smith, Ark.
Burke Bros., granite, Barre, Vt.
Burke Construction Co., Fort Smith, Ark.
Burke County Oil & Fertilizer Co., Waynesboro, Ga.
Burke, D. F., contractor, 7 Alden, Boston, Mass.
Burke, E. J., architect, Eureka, Cal.
Burke Elec. Co., stor. battery charging sets & mfrs. of elecr'l. machy., Erie, Pa.
Burke Furnace Co., locomotive stokers & smokeless furnaces, 223 W. Austin av, Chicago, Ill.
Burke Garden Mills, flour, Burke Garden, Va.
Burke Golf Co., Newark, Ohio.
Burke, J. J., & Co., contractors, Kearns Bldg., Salt Lake City, Utah.
Burke, Jas. J., contractors, 336 Katherine, Buffalo, N. Y.
Burke, John R., contractor, 78 Devonshire, Boston, Mass.
Burke, Jos. F., Co., contrs., Plainfield, N. J.
Burke Mfg. Co., razor stroppers, Dayton, Ohio.
Burke, P. J., Monumental Works, Washington C. H., Ohio.
Burke, Smith & Nelson, contractors, Muskegon, Mich.
Burke, T. C., masons' & bldrs.' matls., Macon, Ga.
Burke, Timothy, contractor, Scranton, Pa.
Burke, W. J., contractor, Lyndhurst, N. J.
Burkete, A. H., mill & facty. supplies, Gosport, Ind.
Burkett, J. T., & Co., architects, Waterloo, Ia.
Burkett Lightning Rod Co., Fremont, Ohio.
Burkett Mfg. Co., oil engines & baling presses, 162 W. Spring, Columbus, Ohio.
Burkettsville Canning Co., Burkettsville, Ohio.
Burkhard, Thos., stills, 494 Flushing av, Brooklyn, N. Y.
Burkhardt, G., Mfg. Co., cornices, 2123 N. Clark, Chicago, Ill.
Burkhardt, Hy., Packing Co., meat packers, Dayton, Ohio.
Burkhardt, Jacob, common brick, Waterloo, Ill.
Burkhardt, John, bronze doors, gates, door hangers, 531 W. 55th, New York.
Burkhardt Packing & Provn. Co., Denver, Colo.
Burkhardt, W. A., flour mills, Vinegrove, Ky.
Burkhardts, Geo. J., Sons, wood tanks, Drexel Bldg., Phila., Pa.
Burkhartsmeir, Daniel, Cooperage Co., 7254 S. Chicago av, Chicago, Ill.
Burkhead, G. W., architect, Iowa Bldg., Sioux City, Ia.
Burkholder, I. C. & Son, canned goods, Buchanan, Va.
Burkholder Lumber Co., 211 Lbr. Ex., Minneapolis, Minn.
Burkholder, Sam'l, Lbr. Co., Crawfordsville, Ind.
Burkley, Geo. F., canned goods, Belcamp, Md.
Burks, P. I., & Co., pianos, Louisville, Ky.
Burleigh, R., & Sons, wood handles, Dermott, Ark.
Burleson, J. E., Mica Co., Spruce Pine, N. C.
Burlew Hardware Co., Charleston, W. Va.
Burley Heater Co., Tyrone, Pa.
Burley, Jas. L., architect, 347 5th av, New York.
Burley & Winter Pottery Co., Crooksville, Ohio.
Burlingame, A., Co., mill & facty. supplies, Worcester, Mass.
Burlingame, Clarence E., archt., 42 Weybosset, Providence, R. I.
Burlingame & Darby's Co., masons' & bldrs.' matls., mill & facty. supplies, & wholesale hdwe., North Adams, Mass.
Burlingame, S. F., kerosene & gasoline engine mfrs., Worcester, Mass.
Burlingame, Walter E., assayers, Denver, Colo.
Burlington Basket Co., Burlington, Ia.
Burlington Blanket Co., Burlington, Wis.
Burlington Brass Works, mchsts. & fdrs., Burlington, Wis.
Burlington Brick & Tile Co., Burlington, Wis.
Burlington Buggy Co., Burlington, Ia.
Burlington Coffin Co., Burlington, N. C.
Burlington Construction Co., Burlington, Ia.
Burlington County Farmers' Exchange, fertilizer mfrs., Mt. Holly, N. J.
Burlington Flouring Co., Burlington, Vt.
Burlington Granite Co., Burlington, Vt.
Burlington Grocery Co., masons' & bldrs.' matls., Burlington, Vt.
Burlington Iron Store Co., Burlington, Ia.
Burlington Lumber Co., Burlington, Ia.
Burlington Rendering Co., Burlington, Vt.
Burlington Soap Co., Burlington, Ia.
Burlington Supply Co., fertilizer mfrs., Burlington, N. J.
Burlington Venetian Blind Co., Burlington, Vt.
Burlington Vinegar & Pickle Wks., Burlington, Ia.
Burlington Watch Co., 19th & Marshall blvd., Chicago, Ill.
Burlington Willow Ware Shops, baskets, Burlington, Ia.
Burmite Roofing Co., 19 S. La Salle, Chicago, Ill.
Burms Co., contractors, 952 Main, Bridgeport, Conn.
Burn-Boston Battery & Mfg. Wks., 134 State, Boston, Mass.
Burnap, George, landscape architect, 808 17th, N. W., Washington, D. C.
Burner, E. & Co., contractors, South Bend, Ind.
Burner & Macomber, Archts., McKnight Bldg., Minneapolis, Minn.
Burner, Owen M., Co., lumber mfrs., Land Title Bldg., Phila., Pa.
Burnet Co., mill & facty. supplies, 69 South, New York.
Burnett Bag & Burlap Co., Howard & Ostend, Baltimore, Md.
Burnett Bros., granite producers, Milford, N. H.
Burnett Canning Co., Burnett, Ind.
Burnett, E., architect, 11 E. 24th, New York.
Burnett Engineering & Constr. Co., 501 W. 145th, New York.
Burnett Foundry & Machine Works (Ltd.), Petoskey, Mich.
Burnett, Geo. B., & Son, palm leaf hats, 36 W. 4th, New York.
Burnett, Geo. C., architect, Cameron Bldg., Waco, Tex.
Burnett, J. H., Iron Wks., Fresno, Cal.
Burnett-Larsh Mfg. Co., elec. pumps; water supply systems., Dayton, Ohio.
Burnett & Loggans, architects, Bristol, Tenn.
Burnett, Rollin P., contractor, Society for Savings Bldg., Cleveland, Ohio.
Burnett, Sir Robert, & Co., distillers, 632 W. 34th, New York.
Burnett & Son, sashes, doors & blinds, Sacramento, Cal.
Burnett, Tom B., Co., mattresses, Dallas, Texas.
Burney Bros., mill & facty. supplies, Little Falls, N. Y.
Burnham, A. C., & F. G., brick, Montague City, Mass.
Burnham, Asa C., paper & pulp mills, Camden, N. Y.
Burnham Bros., marine R'ways & dry docks, Gloucester, Mass.
Burnham Bros. Brick Co., 50th & State, Milwaukee, Wis.
Burnham, C. G., masons' & bldrs. matls., Holyoke, Mass.
Burnham Co., contrs., Berkley, Cal.
Burnham & Davis Lbr. Co., Lowell, Mass.
Burnham, D. H., architect, 209 S. LaSalle, Chicago, Ill.
Burnham, E. S. Co., canned goods, 16 Gansevoort, New York.
Burnham, Geo., & Higgins, archts,, 120 Exchange, Portland, Me.
Burnham, Gilbert H., machsts., Newport, R. I.
Burnham, Hubert, architect, 209 S. LaSalle, Chicago, Ill.
Burnham, L. A. & Co., fish lines, Gloucester, Mass.
Burnham & Morrill Co., canned goods, Portland, Me.
Burnham-Standeford Co., sashes, doors & blinds, Oakland, Cal.
Burnham, Walter E., contractor, Law Bldg., Baltimore, Md.
Burnitol Mfg. Co., cups—paper, cuspidors, etc., Orient av, Boston, Mass.
Burnley Battery & Mfg. Co., North East, Pa.
Burnoil Engine Co., mfrs. of oil engines, 1104 High, South Bend, Ind.
Burnoor Heater Co., gas, Chattanooga, Tenn.
Burnot Mfg. Co., glue, 64 Gold, New York.
Burns, A. W., & Co., contractors, 55 E. State, Columbus, Ohio.
Burns & Bassick Co. (Division of The Bassick Co.), furniture trimmings & automobile h'dwe mfgrs., 38 Austin, Bridgeport, Conn.
Burns Bros., contrs., & masons' & bldrs.' matls., New Castle, Pa.
Burns Bros., & Haley, contractors, Watertown, N. Y.
Burns & Campbell, granite producers, Petersburg, Va.
Burns Co., masons' & bldrs.' matls., Bridgeport, Conn.
Burns, D. H., stone producers, Chester, Pa.
Burns, E. Reed, platers' supplies, 25 Jackson, Brooklyn, N. Y.
Burns Fire Brick Co., Williamsport, Pa.
Burns, Fleming & Co., heating contrs., 815 Forbes, Pittsburgh, Pa.
Burns, H. J., cornices & skylights, Spokane, Wash.
Burns & Hancock Fire Brick & Clay Co., Montezuma, Ind.
Burns, Harry, Lbr., Shippensburg, Pa.
Burns Hydro Carbon Burner Co., Fort Plain, N. Y.
Burns Iron Wks., 201 Commerce, Newark, N. J.
Burns, John, & Son, tin cans, 19 Fulton, New York.
Burns, J. W., masons' & bldrs.' matls., Watertown, Wis.
Burns, Jabez, & Sons, machsts., 600 W. 43d, New York.
Burns, Jas., architect, 64 W. Randolph, Chicago, Ill.
Burns, Jas. F., boxes, cleats, couplings, 713 Cherry, Phila., Pa.
Burns, Jesse L., contractor, 6212 1st av, N., Birmingham, Ala.
Burns, Jno. E., Lumber Co., 700 W. Chicago av, Chicago, Ill.
Burns, John, Granite Co., 840 N. Main, Providence, R. I.
Burns, John, & Son, stone prod., 156 7th, Brooklyn, New York.
Burns, Jos. M., contractor, West Chester, Pa.
Burns Lbr. Co., Duluth, Minn.
Burns, M. A., Mfg. Co., shingles, Eureka, Cal.
Burns, P., Saddlery Co., 713 Lucas, St. Louis, Mo.
Burns, Robt., Lbr. Co., Mitchell, S. D.
Burns & Russell Co., brick, American Bldg., Baltimore, Md.
Burns, Sam'l T., lumber mfrs., Alton, N. Y.
Burns & Schilling, glass house molds, 589 Kent av, B'klyn, N. Y.
Burns Knitting Co., gloves & sweaters—knitted, Nashua, N. H.
Burns System, Inc., research engineers, Little Bldg., Boston, Mass.

Burns Typewriter Co., Buffalo, N. Y.
Burns, W. F., Co., savings banks, 38 S. Dearborn, Chicago, Ill.
Burns, W. J., Co., contrs., Syracuse, N. Y.
Burnside Bros., lumber mfrs., Maryland, N. Y.
Burnside Excelsior Co., Burnside, Ky.
Burnside Roller Mills, flour, Burnside, Ky.
Burnside Steel Co., castings, Railway Exchange, Chicago, Ill.
Burpee & Letson, canning machy., Bellingham, Wash.
Burr Bros., lumber mfrs., Gloversville, N. Y.
Burr Co., castings, manhole covers, spiral fire escapes, etc., Champaign, Ill.
Burr, David & Co., soap, 28 E. Kinzie, Chicago, Ill.
Burr, Henry E., landscape architect, Orange, N. J.
Burr & Houston Co., fndrs., 84 Calyer, Brooklyn, N. Y.
Burr, Howard B., architect, Waterloo, Ia.
Burr Incubator Co., Omaha, Neb.
Burr Index Co., Hartford, Conn.
Burr, John T., & Son, machy. mfrs., 429 Kent av, B'klyn, N. Y.
Burr Mfg. Co., tackle blocks, stretchers, etc., Whitney Power blk, Cleveland, Ohio.
Burr & Munsing, masons' & bldrs.' matls., Ludlow, Mass.
Burr Oak Belting Co., 521 Livingston, Cincinnati, Ohio.
Burr-Vack Co., toys, games & novelties, 511 S. Wabash av, Chicago, Ill.
Burrage, H. E., & Co., cornices & skylights, Leominster, Mass.
Burrage, Robt. R., glue mfrs., 83 Gold, New York.
Burrell Belting Co., woven & conveyor belting, 413 S. Hermitage, Chicago, Ill.
Burrell, Clay N., architect, Albany Bldg., Oakland, Cal.
Burrell & Co., cornices, Duluth, Minn.
Burrell, D. H., & Co., mill & facty. supplies, cow milking, butter printing & cutting, & cheese facty. machy., etc., Little Falls, N. Y.
Burrell Engineering & Construction Co., 323 S. La Salle, Chicago, Ill.
Burrell, H. G., cornices & skylights, Stoughton, Mass.
Burrell, Horace H., contractor, 206 Quince, Philadelphia, Pa.
Burrell Mfg. Co., cement machy., Bradley, Ill.
Burridge, B. W., electro plating, 461 Bush, San Francisco, Cal.
Burrill, J. R., architect, Exchange Bk. Bldg., Spokane, Wash.
Burrill, T. O., architect, Harrington, Wash.
Burris, Jno. T., & Son, shingles—metallic, Anderson, S. C.
Burritt, A. W., Co., who. h'dwe., Knowlton, Bridgeport, Conn.
Burritt, O. W., & Bro., wholesale hdwe., Weedsport, N. Y.
Burroughs Adding Mach. Co., Detroit, Mich.
Burroughs-Baldwin Co., who. h'dwe., 87 Warren, New York.
Burroughs Bros. Mfg. Co., chemicals, Coca Cola Bldg., Balto., Md.
Burroughs, Chas., Co., machsts., 141 Commerce, Newark, N. J.
Burroughs, G. C., architect, Union Trust Bldg., Cincinnati, Ohio.
Burroughs, Geo., & Sons, trunk mfrs., 424 E. Water, Racine, Wis.
Burroughs, J. P., & Son, flour mills, Flint, Mich.
Burroughs & Mankin, brick, Richmond, Va.
Burroughs, R. A., & Co., coppersmiths, Norfolk, Va.
Burroughs-Ross-Colville Co., neck yokes, McMinnville, Tenn.
Burroughs & Taylor Co., woolen blankets, Cave, Tenn.
Burroughs, Thos. F., Sons, masons' & bldrs.' matls., Alexandria, Va.
Burroughs Tool Co., 87 Warren, New York.
Burroughs-White Trunk Co., Los Angeles, Cal.
Burrowes, E. T., Co., screens, wood & all metal for windows, doors & porches; home billiard tables, folding card tables, cedar chests & furniture specialties, mfrs., Portland, Me.
Burrowes, M. R., archt., Trussed Concrete Bldg., Detroit, Mich.
Burrows Cyclecar Co., Ripley, N. Y.
Burrows Fndry Co., Ellwood City, Pa.
Burrows Mfg. Co., regulators, traps, valves, etc., York, Pa.
Burrows Metal Mfg. Co., 521 W. 23d, New York.
Burrows, Park T., architect, McManus Bldg., Creston, Ia.
Burrows, Sloan & Co., mfrs. agts., Real Estate Trust Bldg., Philadelphia, Pa.
Burrows, Thos. C., steel imptrs., 17 Burling Slip, New York.
Burrows, Walter R., track jacks, 80 Maiden la, New York.
Burrows, Wm. H., architect, Dayton, Wash.
Burrows, Wm., Mfg. Co., plumbers' wood wk., 430 Kent av, Brooklyn, N. Y.
Burrus Mill & Elevator Co., flour, Ft. Worth, Tex.
Burrus, O. M., & Bro., stone producers, Burlington, Ia.
Burruss Engng. Co., machy., Atlanta, Ga.
Burry & Markel Co., masons' & bldrs.' matls., Evans City, Pa.
Bursik & Krupka Co., sash, door & blind mfrs., 1919 S. Fairfield av, Chicago, Ill.
Burson Knitting Co., machy., Rockford, Ill.
Burson Mfg. Co., machsts., Rockford, Ill.
Burstein, Meyer, cotton waste, Neenah, Wis.
Burt, F. N., Co., boxes, Buffalo, N. Y.
Burt & Hicks, lbr., Biscoe, N. C.
Burt Mach. Co., 403 E. Oliver, Baltimore, Md.
Burt Mfg. Co., mattresses, 226 Eddy, Providence, R. I.
Burt Mfg. Co., ventilators, 40 Main, Akron, Ohio.
Burt & Mitchell Co., dry docks, etc., ft. Morris, Jersey City, N. J.
Burt Portland Cement Co., Bellevue, Mich.
Burt, W. A., & Son, flour, Simsboro, La.
Burtar, Adolph G., architect, 7616 Madison, Forest Park, Ill.
Burtchaell, John W., electric & gas light fixtures, 357 Ellis, San Francisco, Cal.
Burtis, D. H., cornices & skylights, Phoenix, Ariz.
Burton, A. & E., & Co., brooms & brushes, 73 Pearl, Boston, Mass.
Burton, A. G., Son, machsts., 118 S. Clinton, Chicago, Ill.
Burton, A. J., & Son, band saws, Quincy, Mass.
Burton, Alvah F., granite, Thomaston, Me.
Burton & Bendernagel, archts., Audubon Bldg., New Orleans, La.
Burton & Burton, contractors, Trenton, N. J.
Burton & Co., wholesale hdwe., Oxford, Ala.
Burton Constr. Co., Montgomery, Ala.
Burton, D. F., hosiery—elastic, Pythian Temple, Cleveland, O.
Burton-Dixie Corp., cotton felts & mattresses, 2024 S. Racine av, Chicago, Ill.
Burton, E., fertilizer, St. Joseph, Mich.
Burton, E. P., Lbr. Co., Charleston, S. C.
Burton & Fenton, masons' & bldrs.' matls., Mount Vernon, N. Y.
Burton, G. F., Co., mill & facty. supplies, Springfield, Ohio.
Burton Hdwe. & Mfg. Co., cornices & skylights, Knoxville, Tenn.
Burton, Howard B., architect, 47 W. 34th, New York.
Burton, J. H., & Co., lbr., 38 Park Row, New York.
Burton & Johnson Co., mchsts. & fdrs., 2301 Center av, Cleveland, Ohio.
Burton-Lingo Co., masons' & bldrs.' matls., Fort Worth,. & El Paso, Tex.
Burton Range Co., 7 Sycamore, Cincinnati, Ohio.
Burton, Reuben, cornices, Richmond, Va.
Burton-Swartz Cypress Co. of Fla., lumber, Perry, Fla.
Burton, T., & Son, canned goods, Millsboro, Del.
Burton, W. J., Co., ties, roofing, doors, tanks, etc., Junction & Federal, Detroit, Mich.
Burton, Walter, contractor, 328 Nicollet av, Minneapolis, Minn.
Burtt Mfg. Co., machsts., Kalamazoo, Mich.
Burwak Elevator Co., 216 Fulton, New York.
Burwell, Elliot N., architect, 70 Kilby, Boston, Mass.
Burwell, J. C., masons' & bldrs.' matls., Winsted, Conn.
Bury Compressor Co., air & gas compressors, Erie, Pa.
Busch, A. H., Co., plumbers' & mill & facty. supplies, 150 N. Los Angeles, Los Angeles, Cal.
Busch, Adolphus, Glass Mfg. Co., Main & Dorcas, St. Louis, Mo.
Busch, J. C., Co., compressors, spruce cutters, cranes, hoists, etc., 140 Ferry, Milwaukee, Wis.
Busch & Percival, contractors, Brisbane Bldg., Buffalo, N. Y.
Busch, Russell & Gelts Co., stone, Muncie, Ind.
Busch & Stewart, contractors, Williamsport, Pa.
Busch-Sulzer Bros-Diesel Engine Co., 2d & Gratiot, St. Louis, Mo.
Buscher, Wm. J., architect, 950 Allis, Milwaukee, Wis.
Buschle Sons, Mfg. Co., pipe wrenches, 1637 Central av, Cincinnati, Ohio.
Buschner, A. C., & Co., silk tassels, 1253 Nostrand av, Brooklyn, N. Y.
Buse, Frederick, packing box mfrs., 1112 1st av, New York.
Buser, Nathaniel E., architect, Mount Morris, Ill.
Buser-Poston Tufting Mach. Co., Chillicothe, Ohio.
Busfield Machine Co., Haverhill, Mass.
Bush, Beach & Gent, chemicals, 80 Maiden la, New York.
Bush Bros., sash, door & blind mfrs., Royersford, Pa.
Bush Building Co., Nashville, Tenn.
Bush, C. P., Hardware Co., Columbus, Ga.
Bush, Chas. S., Co., lubricating oils & greases, 260 Weybosset, Providence, R. I.
Bush, Charles T., architect, 825 Julien av, Dubuque, Ia.
Bush, E. M., Hdwe. Co., Evansville, Ind.
Bush Fdry. & Metal Wheel Co., Quincy, Ill.
Bush, Geo. L., & Co., x-ray app., 334 Sutter, San Francisco, Cal.
Bush & Gerts Piano Co., 1550 Dayton, Chicago, Ill.
Bush Glass Co., Lansing, Mich.
Bush & Handwerk, cornices, Joliet, Ill.
Bush, J. D., & Co., lbr. mfrs., Dupont Bldg., Wilmington, Del.
Bush, Jas. S., store & bar fixtures, 239 B'way, New York.
Bush & Lane Piano Co., Holland, Mich.
Bush Mfg. Co., airplane radiators, 77 Commerce, Hartford, Conn.
Bush, Matt & Bros., contrs., Little Rock, Ark.
Bush Motor Co., auto bldrs., Bush Temple, Chicago, Ill.
Bush, Thos. G., & Co., contrs., Pulsen Bldg., Spokane, Wash.
Bush, W. J., & Co., oils, etc., 100 William, New York.
Bush, W. R., contractor, Springfield, Ohio.
Busha, S. J., fertilizer, Buford, Ga.
Bushauer, Peter, brass fndr., 261 Elm, Newark, N. J.
Bushel, R., brick, Stamford, Texas.
Bushell, A. A., & Son, contrs., Peoria, Ill.
Bushey, G. M., & Son, lime mfrs., Cavetown, Md.
Bushey, N. C., contractor, Springfield, Mass.
Bushman, Thomas, architect, Altoona, Pa.
Bushnell, Alvah, Co., filing containers, 925 Filbert, Phila., Pa.
Bushnell, Clarence E., plumbers' & mill & facty. supplies, Buffalo, N. Y.
Bushnell, G. B., contractor, Elkhart, Ind.
Bushnell, G. H., Press Co., machsts., Thompsonville, Conn.
Bushnell, John S., & Co., reducing wheels, etc., 146 Liberty, New York.
Bushnell, N. T., Co., wholesale hdwe., & mill & facty. supplies, New Haven, Conn.
Bushnell Novelty Co., wringers (mop), Mansfield, Ohio.
Bushnell Pump Co., Bushnell, Ill.
Bushnell Tank Works, coal chutes, Bushnell, Ill.
Bushwick Pork Pckg. Co., 29 Bushwick av, Brooklyn, N. Y.
Bushy, Geo., contractor, Lebanon, Ind.

Business Men's Clearing House, Republic Bldg., Chicago, Ill.
Business Men's Paper Press Co., Wayland, Mich.
Business Reviving Co., advtg, novelties, Oblong, Ill.
Busk & Wind, contractors, Ramge Bldg., Omaha, Neb.
Buss, Edw. A., paper archts., mill engrs., 85 Water, Boston, Mass.
Buss, H. & Co., chalk imptrs., 434 B'way, New York.
Buss Mach. Wks., Holland, Mich.
Busse Brick Co., Covington, Ky.
Busse, Henry, & Co., contrs., Main & Wabash, Pittsburgh, Pa.
Busselle, Alfred, architect, 132 Madison av, New York.
Bussmann Mfg. Co., enclosed fuses, 3819 N. 23d, St. Louis, Mo.
Buswell Paint Co., Oakland, Cal.
Butchart, W. A., concentrating tables, Mercantile Bldg., Denver, Cal.
Butcher, Edwin, heddles, Worcester, Mass.
Butcher & Gage, machsts., Jackson, Mich.
Butcher, L. H., Co., glue mfrs., 341 Montgomery, San Francisco Cal.
Butcher Polish Co., finishes for floors & other woodwork, mfrs., 356 Atlantic av, Boston, Mass.
Butchers' Advocate Co., trade publication, 1328 B'way, New York.
Butcher's Packing Co., meat, 529 Poplar, Cincinnati, Ohio.
Butensky, I., elec. & gas light fixtures, 342 Bowery, New York.
Butke, Robert, contractor, Paxton Bldg., Omaha, Neb.
Butler, A. G., steel stamps, etc., 253 B'way, New York.
Butler Basket Co., Butler, Ind.
Butler Bolt & Rivet Co., Butler, Pa.
Butler Bottle Co., Butler, Ohio.
Butler Brick & Tile Co., Butler, Ind.
Butler Brick Wks., Austin, Tex.
Butler & Brittain, whol. hdwe., 55 Main, San Francisco, Cal.
Butler Bros., Constr. Co., 228 W. 4th, Los Angeles, Cal.
Butler Bros., wholesale hdwe, Rand bridge, Chicago, Ill.
Butler Bros., contractors, N. Y. Life Bldg., St. Poul, Minn.
Butler Bros. Piano Mfg. Co., 25 W. McMicken av, Cincinnati, O.
Butler Car Wheel Co., Pittsburgh, Pa.
Butler, Chas., architect, 16 E. 23d, New York.
Butler, Chas. J., heating contr., 737 13th, N. W., Wash., D. C.
Butler & Co., contrs., 30 N. La Salle, Chicago, Ill.
Butler Co., machsts. & fdrs., Butler, Ind.
Butler Constr. Co., Waukesha, Wis.
Butler Cotton Oil Co., cottonseed meal, Albertville, Ala.
Butler-Dietzler Hdw. Co., cornices, Kaukauna, Wis.
Butler Doll Stand Co., Oak Park, Ill.
Butler, Edmund F., & Co., plumbers' supplies—jobbers, 80 Pearl, Boston, Mass.
Butler-Edwards Elec. Co., dynamotors, dental engines, etc., Easton, Pa.
Butler Engine & Fdry Co., mchsts. & fdrs., Butler, Pa.
Butler, G. T., architect, St. Augustine, Fla.
Butler, Geo., architect, 62 W. 45th, New York.
Butler, Harry, cornices & skylights, Bloomington, Ill.
Butler, Henry, contractor, Long Island City, N. Y.
Butler, Horne & Co., sash, door & blind mfrs., Norman Park, Ga.
Butler, J. G., Builders' Supply Co., Savannah, Ga.
Butler, J. W., & Bro., Co., contractors, Amer. Bk. Bldg., St. Paul, Minn.
Butler-Kuser Oil & Fertilizer Co., Birmingham, Ala.
Butler Lumber Co., Belleville, Wash.
Butler Mfg. Co., barrels, pumps & tanks, Kansas City, Mo.
Butler Mfg. Co., music cabinets, 721 N. Clinton, Syracuse, N. Y.
Butler Mfg. Co., ventilator mfrs., 900 6th av, S. E., Minneapolis, Minn., & Indianapolis, Ind.
Butler, Orrin H., soap, Berwick, Me.
Butler, Philip H., & Co., soapstone laundry tubs, 197 B. S., Boston, Mass.
Butler Plating & Mfg. Co., desk lights, 370 Atlantic av, Boston, Mass.
Butler & Rodman, architects, 16 E. 23d, New York.
Butler & Son, machinists, Seneca, Kans.
Butler Stone Co., Sandusky, Ohio.
Butler St. Fdry. & Iron Co., 3422 Normal av, Chicago, Ill.
Butler, Thos. & Co., scrap iron & steel, 23 Medford, Boston, Mass.
Butler, Thos F., back water traps, Lorain, O.
Butler, Victor K., Co., elec. light fix. mfrs., S. W. cor. Charles & Center, Baltimore, Md.
Butler, Wm. L., contractor, Beach Haven, N. J.
Butler, Wm. P., & Sons, wholsale hdwe., New Bedford, Mass.
Butler, W. T., & Son, contrs., Atlanta, Ga.
Butler, Wright, architect, Cumberland, Md.
Butsch, M. C., contractor, St. Marys, Pa.
Butt, Herbert G., models & patterns, 352 Atlantic av, Boston, Mass.
Butt, Jos. A., canned goods, 111 N. B'way, Baltimore, Md.
Butte Carriage Wks., Butte, Montana.
Butte Engineering & Elec. Co., 683 Howard, San Francisco, Call.
Butte Machy. Co., Butte, Montana.
Butte Sewer Pipe & Tile Co., Butte, Mont.
Buttenbender, Jonas, cornices, 4154 Lincoln av, Chicago, Ill.
Butter County Refining Co., canned goods, Monroe, Ohio.
Butter Drawbar Attachment Co., 110 Engineers Bldg., Cleveland, Ohio.
Butter, Gustav A., sasr, door & blind mfrs., 603 Mitchell, Milwaukee, Wis.
Butter, Sam'l, & Co., plumbers' solder, 284 Franklin, Boston, Mass.
Butterfield, C. S., Co., lumber, Brookhaven, Miss.
Butterfield Canning Co., Muncie, Ind.
Butterfield & Co., machsts., Derbyline, Vt.
Butterfield Lbr. Co., Norfield, Miss.
Butterfield Trunk Co., Seattle, Wash.
Butterfield, W. M., Co., architects, Manchester, N. H.
Butterfield, Wells D., archt., David Whitney Bldg., Detroit, Mich.
Butters Lbr. Co., Boardman, N. C.
Butterweck, H. A., contractor, Allentown, Pa.
Butterworth, H. W., & Sons Co., textile machy. supplies, etc., 2415 E. York, Philadelphia, Pa.
Butterworth-Judson Co., chemicals, 61 B'way, New York,
Butterworth & Lowe, machsts. & fdrs., Grand Rapids, Mich.
Butterworth, S. D., architect, Lansing, Mich.
Butterworth, Stephenson Co., archts., Couch Bldg., Portland, Ore.
Butterworth Supply Co., plumbers' sundries, 4200 Kensington av, Philadelphia, Pa.
Butterworth, T. C., architect, Monterey, Cal.
Butterworth, Wm. H., machsts., Trenton, N. J.
Buttgenbach, Jos., & Co., meat packers, 336 4th, San Francisco, Cal.
Buttler-Howell Co., sashes, doors & blinds, New Brunswick, N. J.
Button Machy. Co., machsts., Hoboken, N. J.
Buttress, J. A., Machine Wks., Los Angeles, Cal.
Buttrick Lbr. Co., Waltham, Mass.
Buttrill Guano Co., Jackson, Ga.
Butts, J. R., Sons Co., contractors, Wheeling, W. Va.
Butts, L. P., masons' & bldrs.' matls., Oneonta, N. Y.
Butts & Ordway Co., whol. hdwe., 33 Purchase, Boston, Mass.
Butz & Clader, contractors, Allentown, Pa.
Butz, Edw. M., lumber, Easton, Pa.
Butz, Frederick & Co., sashes, doors & blinds, Allentown, Pa.
Butz, Jas. F., & Co., masons' & bldrs.' matls., Allentown, Pa.
Buvinger, G. W., & E. E., cornices, Dayton, Ohio.
Buxton, G. W., brick, Martinsburg, W. Va.
Buxton, Jos., steel scaffold brackets, 935 Scotten, Detroit, Mich.
Buxton, W. A., machinery dlr., Worcester, Mass.
Buys, Arthur Francis, architect, Nyack, N. Y.
Buysse, Eugene, & E. Hartwick, architects, Kresge Bldg., Detroit, Mich.
Buzby, C. M., & Sons, lbr. mfrs., 626 Wash. av, Phila, Pa.
Buzzell, E. H., lumber, 71 Kilby, Boston, Mass.
Buzzell, J. G., & Co., mchsts. & fdrs., 102 High, Boston, Mass.
Buzzini, Walter J., gas & elec. cooking app., 505 W. 21st, New York.
B. & W. Concrete Co., concrete, 207 Market, Newark, N. J.
B. & W. Construction Co., 10 S. La Salle, Chicago, Ill.
Byerly & Sons, asphalt, 2489 W. 4th, Cleveland, Ohio.
BYERS, A. M., CO., PIPE & TUBE MILLS, 235 Water, Pittsburgh, Pa. *See adv on front cover*
Byers Bros. Construction Co., Kalamazoo, Mich.
Byers, Clarkson, contractors, 806 Walnut, Philadelphia, Pa.
Byers & Craig, contractors, New Castle, Pa.
Byers, John F., Machine Co., auto cranes, hoists & derricks, 242 Sycamore, Ravenna, Ohio. *See adv index at end of book.*
Byers Mfg. Co., machsts., New Haven, Conn.
Byers, Robt. S., architect, C. of C. Bldg., Rochester, N. Y.
Byers & Smith, mill & facty. supplies, 105 Haverhill, Boston, Mass.
Byesville Planing Mill Co., Byesville, Ohio.
Byfield, Chas. H., architect, Law Bldg., Indianapolis, Ind.
Byfield Woolen Co., Byfield, Mass.
By-Products Coke Corp., 332 S. Mich. av, Chicago, Ill.
Byram & Co., mchsts. & fndrs., 435 Guoin, Detroit, Mich.
Byram Fdry Co., grey iron castings, Indianapolis, Ind.
Byram Mfg. Co., hand soap, 373 Washington, Boston, Mass.
Byrd, Arlie C., & Co., flour mills, Ruddle, W. Va.
Byrd, D. M., flour mills, Franklin, W. Va.
Byrd, F. L., & Co., turpentine, Milltown, Ga.
Byrd, John, metallic window frame & sash, 1427 Catharine, Philadelphia, Pa.
Byrd Lumber Co., Marion, Ind.
Byrd Milling Co., flour, Cane River, N. C.
Byrd, P. A., ties, Little Rock, Ark.
Byrd Text. Machy. & Supply Co., Durham, N. C.
Byrn Bros., wagon spokes, Brownsville, Tenn.
Byrne Bros., cornices & skylights, Santa Cruz, Cal.
Byrne Bros. Dredging & Engineering Co., 208 S. La Salle, Chicago, Ill.
Byrne, C. E., Piano Co., 231 E. 41st, New York.
Byrne, Edward J., architect, 509 Willis av, New York.
Byrne, Francis B., architect, 104 S. Michigan av, Chicago, Ill.
Byrne, Frank J., htg. contrs., 1429 E. 7th, Brooklyn, N. Y.
Byrne, Henry, contractor, 392 Mercer, Jersey City, N. J.
Byrne, J. H., canned goods, Lowry, Va.
Byrne, J. M., Lbr. Co., sash, door & blind mfrs., Kansas City, Mo.
Byrne, Jno., cornices, Pittston, Pa.
Byrne, John B., Inc., contractor, Cambridge, Mass.
Byrne, Jos. T., common brick, 29th & Clearfield, Phila., Pa.
Byrne, Kingston, & Co., carbureters, spark plugs, wheels, etc., Kokomo, Ind.
Byrne, Peter (Est. of), brick, 20th & Cambria, Philadelphia, Pa.
Byrne-Renfro Lumber Co., Kansas City, Mo.

Byrne, Thos. F., sweaters, etc., Phoenixville, Pa.
Byrne-Turner Co., wood pipe, Bellingham, Wash.
Byrnes Belting Co., 2109 Locust, St. Louis, Mo.
Byrnes, Michael, Bldg. Co., Elizabeth, N. J.
Byrnes, Thos. F., contractor, Utica, N. Y.
Byromville Mfg. Co., cottonseed meal & oils, Byromville, Ga.
Byron, Forman & Riggs, Inc., contrs., Cohoes, N. Y.
Byron & Hall, Black Diamond carbons, 116 Broad, New York.
Byrum Hardware Co., Birmingham, Ala.
Bywater & Groo., cornices & skylights, Salt Lake City, Utah.
Byxbee & Clark Co., lumber, Balboa Bldg., San Francisco, Cal.

Cabaret, Paul E., & Co., arch'l bronze fndrs, 126 11th av, New York.
Cabarrus Cotton Mills, Concord, N. C.
Cabble, Wm., Excelsior Wire Mfg. Co., 88 Ainslie, B'klyn, N. Y.
Cabinet Mfg. Co., bath cabinets, incubators, etc., Quincy, Ill.
Cable Co., pianos, 301 S. Wabash av, Chicago, Ill.
Cable Excavator Co., Comrl. Tr. Bl., Philadelphia, Pa.
Cable Flax Mills, cords, thread, twine, etc., Schaghticoke, N. Y.
Cable, G. W., Jr., masons' & bldrs.' matls., Fairfield, Ia.
Cable, Hobart M., Co., pianos, La Porte, Ind.
Cable-Nelson Piano Co., 209 S. State, Chicago, Ill.
Cable Piano Co., 137 W. 4th, Cincinnati, Ohio.
Cable & Sons, pianos, 550 W. 38th, New York.
Cable, W. N., masons' & bldrs., matls., 200 5th av, New York.
Cabot, Edwin S. (Est. of), gold leaf, 103 Arch, Boston, Mass.
Cabot, Godfrey L., carbon black, Old South Bldg., Boston, Mass.
Cabot Mfg. Co., cotton sheetings, 70 Kilby, Boston, Mass.
Cabot, Samuel, Inc., mfg. chemists, building specialties, 141 Milk, Boston, Mass.
Cabott, P. M., Co., circular folding machy., 6 Church, New York.
C. A. C. Axe Co., Holbrook, Mass.
Cache Knitting Wks., bathing suits, sweaters, etc., Logan, Utah.
Cadario, L. B., & Sons, contractors, 15 Court sq, Boston, Mass.
Cadden, Michael A., contractor, Scranton, Pa.
Caddo Oil & Refining Co. of Louisiana, Shreveport, La.
Caddo Rapides, Ltd., Lumber Co., Alexander, La.
Caddo River Lbr. Co., R. A. Long Bldg., Kansas City, Mo.
Caddo Window Glass Co., Shreveport, La.
Cade, John R., & Son, sashes, doors & blinds, Guttenberg, N. J.
Caden Stone Co., Evansville, Ind.
Cadillac Auto Truck Co., Cadillac, Mich.
Cadillac Casket Co., 214 Cherry, Detroit, Mich.
Cadillac Chemical Co., wood alcohol, Cadillac, Mich.
Cadillac Elec. Mfg. Co., elec. stoves, Cadillac, Mich.
Caddilac Furniture Co., closets, seats, Smith Bldg., Detroit, Mich.
Cadillac Handle Co., Cadillac, Mich.
Cadillac Lumber Co., sash, door & blind, Cadillac, Mich.
Cadillac Machine Co., Cadillac, Mich.
Cadillac Motor Car Co., 1343 Cass av, Detroit, Mich.
Caddillac Sand & Gravel Co., Nicholas Bldg., Toledo, Ohio.
Cadillac Turpentine Co., Cadillac, Mich.
Cadillac Varnish Wks, 31 Eastern pl, Detroit, Mich.
Cadillac Veneer Co., lumber, Cadillac, Mich.
Cadman, A. W., Mfg. Co., brass castings, 2816 Smallman, Pittsburgh, Pa.
Cadoo, John C. W., contractor, Flushing, N. Y.
Cadorette, Mapine, contrs., New Bedford, Mass.
Cadwallader, Dougherty & Co., boot & shoe counters, 113 N. 3rd, Philadelphia, Pa.
Cadwallader, Thos., poultry markers, Salem, Ohio.
Cadwell, Archie B., contractor, New Britain, Conn.
Cadwell Fertilizer Works, Cadwell, Ga.
Cadwell-Vernon Co., tel. cabinet wk., Jamestown, N. Y.
Cadwell, Wm. H., architect, New Britain, Conn.
Cady, C. N., Co., machsts. & fndrs., Canastota, N. Y.
Cady, Geo. L., & Sons, machsts., mill supplies, lbr., Lowell, Mass.
Cady, Geo. S., & Son, farm wagons, Moravia, N. Y.
Cady & Gregory, architects, 40 W. 32d, New York.
Cady, H. F., Lumber Co., Omaha, Neb.
Cady, Jeremiah Kiersted, architect, 179 W. Washington, Chicago, Ill.
Cady, John Hutchins, architect, 10 Weybosset, Providence, R. I.
Cady, Jno. N., architect, Summit, N. J.
Cady Mach. Co., Cleveland, Ohio.
Cady Mfg. Co., hardware specialties, Auburn, N. Y.
Cady, W. M., Lumber Co., McNary, La.
Caffery, J. H., carriages, 1712 Fairmount, Philadelphia, Pa.
Caffrey, Patrick, contrs., Springfield, Ohio.
Caflisch, Fred, handles, Union City, Pa.
Cahalane, Daniel J., contractor, New Brighton, N. Y.
Cahill & Armstrong, architects, Hippodrome Bldg., Cleveland, O.
Cahill & Co., carriages, Wilmington, Del.
Cahill Iron Works, machsts. & fndrs., Chattanooga, Tenn.
Cahill, J. H., contractor, Louisville, Ky.
Cahill, Jos. P., corn brooms, 820 W. 51st pl, Chicago, Ill.
CAHILL, M. F., brass, iron & steel, ferrules, mfrs., 710 E. 2nd, Boston, Mass. *See adv index at end of book.*
Cahill Mfg. Co., machsts. & fndrs., Worcester, Mass.
Cahill, P. J., machinist, Leeds, Mass.
Cahill-Swift Mfg. Co., plumbers' supplies, jobbers, St. Louis, Mo
Cahill & Vensano Co., contrs., 110 Sutter, San Francisco, Cal.
Cahill, W. S., Co., machinists, ft. of Webster, Baltimore, Md.
Cahn, Hugo, & Co., cork mfrs., 257 W. 17th, New York.
Cahoon & Hudgins, contractors, Norfolk, Va.
Caiazzo, C., contractors, 6441 Dean, Pittsburgh, Pa.
Caille Bros. Co., vending machines & machsts. & fndrs., Detroit, Mich.
Caille Perfection Motor Co., 2d & Amsterdam, Detroit, Mich.
Cain Construction Co., Gary, Ind.
Cain-Grimshaw Co., masons' & bldrs.' matls., Bellingham, Wash.
Cain, H., cornices, Connersville, Ind.
Cain, Herbert L., architect, Va. Ry. & Power Bldg., Richmond, Va.
Cain Mach. Co., East Liverpool, Ohio.
Cain, Milo, cornices, Kokomo, Ind.
Cain-O'Berry Boiler Co., Orlando, Fla.
Caine, Chas. W., masons' & bldrs.' matls., Cleves, Ohio.
Caine, John J., iron scrap, N. American Bldg., Philadelphia, Pa.
Caine Stone Co., Warner rd. & C. & P. Ry., Cleveland, Ohio.
Caird Engineering Wks., Helena, Mont.
Cairns, Bayard S., architect, 411 West End av, New York.
Cairns, Bayard S., architect, Scimitar Bldg., Memphis, Tenn.
Cairns & Bro., fire trumpets, 186 Lafayette, New York.
Cairns, Hugh, archl. modelers, 9 Harcourt, Boston, Mass.
Cairns, Jno., architect, Dreka Bldg., De Land, Florida.
Cairo Guano Co., Cairo, Ga.
Cairo Milling Co., flour, Cairo, W. Va.
Cairo Thread Works, 105 Wooster, New York.
Cake, Chas. W., lbr., Norfolk, Va.
Calafati, Salvator S., architect, 224 Main, New Rochelle, N. Y.
Calahane, Jas. P., contractor, Jamestown, N. Y.
Calander, Jno., Mfg. Co., ladders, 629 Jackson, St. Paul, Minn.
Calcasieu Long Leaf Lumber Co., Lake Charles, La.
Calcasieu Lumber Co., Austin, Tex.
Calcis Lime & Stone Co., Calcis, Ala.
Calcite Quarry Co., stone producers, Annville, Pa.
Calcium Light Advtg. Co., advtg. spec., Newburgh, N. Y.
Calco Chemical Co., aniline colors, dyes, etc., Bound Brook, N. J.
Calculagraph Co., time recorders, etc., 30 Church, New York.
Calculator Corpn., calculating machines, 4th Nat. Bank Bldg, Grand Rapids, Mich.
Calcutt, N. W., Co., cooperage stock, Dyersburg, Tenn.
Caldabaugh Bros., cornices, Wheeling, W. Va.
Caldbeck-Cosgrove Corp., masons' & bldrs.' matls., St. Johnsbury, Vt.
Calder, Geo. H., emery wheel cutters, mfrs., Lancaster, Pa.
Calder Mach. Wks., 420 N. 3d, Philadelphia, Pa.
Calder, Robt., Co., cornices, 86 Exch., Rochester, N. Y.
Calder, Wm. M., contractor, 1648 11th av, Brooklyn, N. Y.
Caldwell, A. & G. J., gin distillers, Newburyport, Mass.
Caldwell, B. F., cornices & skylights, Pomona, Cal.
Caldwell, Chas. H., architect, 101 Park av, New York.
Caldwell & Drake Iron Works, Columbus, Ind.
Caldwell, Edward B., jr., architect, First Bridgeport Bk. Bldg., Bridgeport, Conn.
Caldwell, E. H., & Son, machy. dealers, Corpus Christi, Tex.
Caldwell, E. R., & Co., machsts. & fndrs., Bradford, Pa.
Caldwell, E. R., & Son Brass Co., fndry, 619 W. Fayette, Syracuse, N. Y.
Caldwell, Edw. F., & Co., elec. & gas light fixtures, 38 W. 15th, New York.
Caldwell-Edwards Handle Mills, Union Springs, Ala.
Caldwell Elec. Corp., Champaign, Ill.
Caldwell, Francis G., architect, Stephen Girard Bldg., Phila., Pa.
Caldwell, H. W., & Son Co., power transmitting machinery & mill & facty. supplies, 17th & Western av, Chicago, Ill.
Caldwell & Sons, Iseminger Co., contrs. & sash, door & blind mfrs., Middletown, Ohio.
Caldwell, J. D., Co., machy. dlrs., Oregonian Bldg., Portland, Ore.
Caldwell, Jos. S., filing cabinets & devices, Syracuse, N. Y.
Caldwell Lumber Co., Oil City, Pa.
Caldwell Mfg. Co., sash balances, etc., Rochester, N. Y.
Caldwell Milling Co., flour, Caldwell, Kan.
Caldwell Oil Mill Co., meal, Caldwell, Tex.
Caldwell, R. J., Co., felts, 21 Park Row, New York.
Caldwell, S. J., R. R. ties, Plain Dealing, La.
Caldwell, W. E., Co., mill & facty. supp., tanks, towers, wind mills, pumps, engines, power transmittting, machy., etc., Louisville, Ky. *See adv index at end of book.*
Caldwell, Walter G., architect, Williamson Bldg., Cleveland, O.
Caldwell & Ward Brass Co., machsts. & fndrs., Syracuse, N. Y.
Caldwell-Watson Fdry. & Mach. Co., Birmingham, Ala.
Caldwell, Wm. A., architect, De Menil Bldg., St. Louis, Mo.
Calebaugh Self-Lubricating Carbon Co., carbon brushes, 1503 Columbia av, Philadelphia, Pa.
Caledonia Bean Harvesting Wks., Caledonia, N. Y.
Caledonia Chemical Co., Caledonia, N. Y.
Caledonia Wagon & Iron Works, Caledonia, Minn.
Calendar Spec. Co., advtg. novelties, 113 South, New York.
Calhoun, Chas. L., architect, 21 East 40th, New York.
Calhoun, D. A., & Co., contractors, 52 Vanderbilt av, New York.
Calhoun, E. C., architect, 911 Franklin, Reading, Pa.
Calhoun Foundry Co., Anniston, Ala.
Calhoun Gas Co., gas retort carbons, Battle Creek, Mich.
Calhoun & Miller, contractors, 6200 Penn av, Pittsburgh, Pa.

Calhoun Mills, cotton sheetings, Calhoun Falls, S. C.
Calhoun Pattern Fdry. & Mach. Co., Houston, Tex.
Calhoun Roller Mills, flour, Calhoun, Ga.
Cal. Adding Mach. Co., machsts. & fndrs., Flood Bldg., San Francisco, Cal.
Cal. Artistic Metal & Wire Co., 349 7th, San Francisco, Cal.
Cal. Auto Top Co., 1019 Van Ness, San Francisco, Cal.
Cal. Barrel Co., 433 California, San Francisco, Cal.
Cal. Bellows Works, 416 Harriet, San Francisco, Cal.
Cal. Belting Co., 1459 Mission, San Francisco, Cal.
Cal. Bestwall Co., plaster boards, San Francisco, Co.
Cal. Boiler Works, 526 Howard, San Francisco, Cal.
Cal. Brass Wks. (Kingwell Bros.), castings & bell fndrs., 450 Natoma, San Francisco, Cal.
Cal. Brick Co., 110 Jessie, San Francisco, Cal.
Cal. Canneries Co., 600 Minnesota, San Francisco, Cal.
Cal. Card Mfg. Co., photographic mountings, Potrero av, Mariposa, San Francisco, Cal.
Cal. Casket Co., 959 Mission, San Francisco, Cal.
Cal. Chair Co., mattresses, Richmond, Cal.
Cal. Citrus Products Co., 850 42nd av, Oakland, Cal.
Cal. Construction Co., 74 N. Montgomery, San Francisco, Cal.
Cal. Cornice Wks., Los Angeles, Cal.
Cal. Corr. Culvert Co., iron flumes, tanks, signs, etc., Berkeley, Cal.
Cal. Cotton Mills Co., Oakland, Cal.
Cal. Cut Glass Mfg. Co., Pasadena, Cal.
Cal. Cut Stone Co., 2136 S. Sawyer av, Chicago, Ill.
Cal. Door Co., 43 Main, San Francisco, Cal.
Cal. Envelope Co., 31 Minna, San Francisco, Cal.
Cal. Fertilizer Wks., 1332 Evans av, San Francisco, Cal.
Cal. Fire Proof Door Co., Los Angeles, Cal.
Cal. Fixture Co., 1422 So. Main, Los Angeles, Cal.
Cal. Fdry. & Mach. Co., California, Pa.
Cal. Fresno Oil Co., Fresno, Cal.
Cal. Fruit Canners' Assn., 101 California, San Francisco, Cal.
Cal. Gear Works, 2132 Folsom, San Francisco, Cal.
Cal. Glue Wks., Fairfax av & Rankin, San Francisco, Cal.
Cal. Granite Co., Rocklin, Cal.
Cal. Hardware Co., 500 E. 1st, Los Angeles, Cal.
Cal. & Hawaiian Sugar Refining Co., 230 Cal., San Fran., Cal.
Cal. Hydraulic Engineering & Supply Co., 70 Fremont, San Francisco, Cal.
Cal. Ink Co., 33 Clementina, San Francisco, Cal.
Cal. Iron Works, Riverside, Cal.
Cal. Iron Works, San Diego, Cal.
Cal. Mach. Wks., California, Mo.
Cal. Mfg. Co., sash, dor & blind mfrs., 2243 S. Troy, Chicago, Ill.
Cal. Metal Enam. Co., enam. iron signs, Los Angeles, Cal.
Cal. Mill Co., sashes, doors & blinds, 645 Bryant, San Fran., Cal.
Cal. National Supply Co., mill & facty. supplis., Coalinga & San Francisco, Cal.
Cal. Notion & Toy Co., 555 Market, San Francisco, Cal.
Cal.-Oregon Lumber Co., 112 Market, San Francisco, Cal.
Cal. Ore Testing Co., 630 Sacramento, San Francisco, Cal.
Cal. Ornamental Brick Co., Los Angeles, Cal.
Cal. Ornamental Iron Wks., Los Angeles, Cal.
Cal. Paint Co., Oakland, Cal.
Cal. Perforating Screen Co., 416 Harrison, San Francisco, Cal.
Cal. Pine Box & Lumber Co., 1st Natl. Bk. Bldg., San Fran., Cal.
Cal. Planing Mill & Lbr. Co., Los Angeles, Cal.
Cal. Pole & Piling Co., wood cross arms, San Francisco, Cal.
Cal. Polytechnic School, engng. schools & coll., San Luis Obispo, Cal.
Cal. Portland Cement Co., Los Angeles, Cal.
Cal. Pottery Co., 12th & Otis, San Francisco, Cal.
Cal. Pressed Brick Co., Niles, Cal.
Cal. Purity Paper Bottle Co., Sacramento, Cal.
Cal. Redwood Assn., lbr. Exposition Bldg., San Fransisco, Cal.
Cal. Ripe Olive Co., canned, 24 California, San Francisco, Cal.
Cal. Salt Co., Mills Bldg., San Francisco, Cal.
Cal. Saw Wks., 721 Brannan, San Francisco, Cal.
Cal. Scagliola Co., artificial marble, San Francisco, Cal.
Cal. School of Mechanical Arts, engng. schools & coll., Folsom & 26th, San Francisco, Cal.
Cal. Shade Cloth Co., 2181 Bryant, San Francisco, Cal.
Cal. Shipbuilding Co., Long Beach, Cal.
Cal. Show Case Co., Los Angeles, Cal.
Cal. Soap Co., 2437 E. 9th, Los Angeles, Cal.
Cal. Soap Co., Oakland, Cal.
Cal. Steam & Plumbing Supply Co., 671 5th, San Fran., Cal.
Cal. Steel Co., Inc., steel structural wk., Hobart Bldg., San Francisco, Cal.
Cal. Sugar & White Pine Co., 1st National Bank Bldg., San Francisco, Cal.
Cal. Tallow Works, 1226 Evans av, San Francisco, Cal.
Cal. Tanning Co., 1905 Shenandoah av, St. Louis, Mo.
Cal. Tool Works, 181 Beale, San Francisco, Cal.
Cal. Well Tool & Mach. Wks., machsts, Los Angeles, Cal.
Cal. Wire Cloth Co., 587 Mission, San Francisco, Cal.
Cal. Woolen Mfg. Co., woolen blankets & flannels, California, Mo.
Calima Canning Co., Los Angeles, Cal.
Calkins Co., machinery, Los Angeles, Cal.
Calkins, Milford, lumber mfr., Brant, N. Y.
Calkins & Pearce, gas heaters, 751 E. Long, Columbus, Ohio.
Call Bros. Hardware Co., Pikeville, Ky.
Call, Clarence, insulator pins & brackets, N. Wilkesboro, N. C.
Call., Geo. & Co., stone, L. I. City, N. Y.
Call-Watt Co., agricultural implements, Richmond, Va.
Calladay, Frank, Hd'we Co., Hutchinson, Kan.
Callaghan, J., & Son, fire doors, Cleveland, Ohio.
Callaghan & Laubacher Mach. Co., Canton, Ohio.
Callaghan Machine & Die Co., Canton, Ohio.
Callahan Constr. Co., Knoxville, Tenn.
Callahan Constr. Co., City Nat'l Bank Bldg., Omaha, Neb.
Callahan Constr. Co., Dallas, Tex.
Callahan, Cornelius, Co., Siamese connectors, couplings, etc., 127 Purchase, Boston, Mass.
Callahan, J. W., & Son, heating contr., steam fitters' supplies, Worcester, Mass.
Callahan Lumber Co., Ltd., Midland, La.
Callahan, M. J., architect, Panama Bldg., Portland, Ore.
Callahan, Michael J., htg. contrs., 343 W. 52d, New York.
Callahan & Schock, contractors, Indiana Harbor, Ind.
Callahan, Timothy E., granite, Montpelier, Vt.
Callahan, W. P., Co., gas, gasoline & oil engines, etc., Dayton, O.
Callahan, Wm., granite, Quincy, Mass.
Callam, John, & Co., masons' & bldrs.' matls., Kenton, Ohio.
Callam Mills, flour mills, Saginaw, Mich.
Callanan, Geo., & Co., mill & facty. supplies, 218 Front, New York.
Callanan, Martin, glass stainers, 421 N. 19th, Philadelphia, Pa.
Callander, G. F., & Son, masons' & bldrs.' matls., Painesville, O.
Callaway, C. M., Lumber Co., Huntington, W. Va.
Callaway Hardware Co., Fulton, Mo.
Callaway, Wm. E., shoe blacking & polishes, 61 Wilkinson av, Jersey City, N. J.
Callery, W. W., & Co., Pittsburgh, Pa.
Calleson, C. A., machinery dealer, 50 Church, New York.
Calley Lumber Co., Fresno, Cal.
Calligan, A. H., & Co., contrs., 1001 E. Main, Richmond, Va.
Callin, A. C., architect, Pittsburg, Kan.
Callis & Callis, architects, 2055 Kennedy av, Baltimore, Md.
Callis, D. Millard, naval architect, Munsey Bldg., Baltimore, Md.
Callis, Geo. R., Jr., architect, Knickerbocker Bldg., Baltimore, Md.
Calman, Emil, & Co., paints, enamels, varnishes, etc., 100 William, New York.
Calmar Mfg. Co., glass, Calmar, Ia.
Calnan, T. C., contractor, Anaconda, Mont.
Calor, C. H., hardware mfr., Plainville, Conn.
Caloric Co., electric stoves & elec. cooking app., Janesville, Wis.
Caloric Pipeless Furnace Co., 1531 Locust, Phila., Pa.
Calumet Brick Co., 111 W. Washington, Chicago, Ill.
Calumet Coal & Teaming Co., 9022 Commercial av, Chicago, Ill.
Calumet Concrete Construction Co., 100 W. 115th, Chicago, Ill.
Calumet Fdry. Equipment Co., Harvey, Ill.
Calumet & Hecla Mining Co., machsts. & fndrs., Calumet, Mich.
Calumet Iron Wks., Balls la, Newark, N. J.
Calumet Steel Co., rolling & steel structural mills, etc., 208 S. La Salle Chicago, Ill.
Calumet Supply Co., mill & facty. supplies, Gary, Ind.
Calumet Supply Mfg. Co., folding cots, cattle guards, etc., 14 E. Jackson, Chicago, Ill.
Calvano, S., Iron Wks., West Hoboken, N. J.
Calvert Aniline & Chemical Co., 28 W. 3d, Cincinnati, Ohio.
Calvert Mach. Co., 1606 Thames, Baltimore, Md.
Calvert Mortar Color Works, Warner & Wooster, Baltimore, Md.
Calvert Stove & Htg. Co., 512 S. Chester, Baltimore, Md.
Calvert's, J., Sons, masons' & bldrs.' matls., 145 Griswold, Detroit, Mich.
Calvet, Pablo & Co., crude rubber, ivory nuts, 99 Water, New York.
Camassa, Jas. E., architect, 251 Shrewsbury, Worcester, Mass.
Cambre Bros., sashes, doors & blinds, Jackson, Miss.
Cambria Canning Co., Cambria, Wis.
Cambria Fertilizer Co., Johnstown, Pa.
Cambria Junk Co., scrap iron, Johnstown, Pa.
Cambria Paint & Color Co. (Ltd.), Johnstown, Pa.
Cambria Spring Co., auto. springs, Los Angeles, Cal.
Cambria Steel Co., Widener Bldg., Philadelphia, Pa.
Cambrian Limestone Co., Wampum, Pa.
Cambridge Brass Co., elec. fixtures, 50 Sudbury, Boston, Mass.
Cambridge City Casket Co., Cambridge City, Ind.
Cambridge Cornice & Sheet Metal Wks., 16 E. Dedham, Boston, Mass.
Cambridge Glass Co., Cambridge, Ohio.
Cambridge Iron Wks., Cambridge, Mass.
Cambridge Mfg. Co., lbr., Cambridge, Md.
Cambridge Milling Co., flour, Cambridge, Neb.
Cambridge Packing Co., canned goods, Cambridge, Ia.
Cambridge Plumbing Supply Co., Cambridge, Mass.
Cambridge Roofing Co., Cambridge, Ohio.
Cambridge Slate Co., roofing slate mfrs., Slatington, Pa.
Cambridge Starch Co., Cambridge, Minn.
Cambridge Tile Mfg. Co., Covington, Ky.
Camden Anchor-Rockland Mach. Co., Camden, Me.
Camden Boiler Wks., Inc., asphalt & oil boiling kettles, Welaware River & 26th, Camden, N. J.
Camden Brick Co., Camden, S. C.
Camden Canning Co., Camden, Ohio.
Camden City Glass Co., Camden, N. J.

Camden Cotton Oil Co., Camden, Ala.
Camden Copper Works, Inc., pans, evaporators, 559 S. 2nd, Camden, N. J.
Camden Elbow Co., elbows & shoes, conductor pipe, Camden, N. J.
Camden Forge Co., fndrs., Camden, N. J.
Camden Fndry. Co., machsts., Camden, N. J.
Camden Heating Co., Camden, N. J.
Camden Iron Wks., machsts. & fndrs., Camden, N. J.
Camden Lime Co., Camden, N. J.
Camden Lumber Co., Brunswick, Ga.
Camden Lumber Co., Camden, Me.
Camden Oil & Fertilizer Co., Camden, Ark.
Camden Packing Co., canned goods, Camden, N. Y.
Camden Pottery Co., Camden, N. J.
Camden Yacht Bldg. & Ry. Co., Camden, Me.
Came, J. E., Co., billiard tables, 114 Sudbury, Boston, Mass.
Camel Co., car doors, 332 S. Michigan av, Chicago, Ill.
Camenisch, John, cornices, La Salle, Ill.
Cameragraph Co., machsts., 906 Baltimore av, Kansas City, Mo.
Cameron, A. B., Piano Co., 267 E. 133d, New York.
Cameron, A. S., Steam Pump Works, Bowling Green Bldg., New York. *See adv index at end of book.*
Cameron Appliance Co., connectors, expansion bolts, testing clamps, etc., 48 Waters av, Everett, Mass.
Cameron & Barkley Co., mill & facty. & plumbers' supplies—jobbers, Charleston, S. C.
Cameron Bros., mattresses, 822 Federal, Pittsburg, Pa.
Cameron Clay Products Co., Cameron & Emporium, Pa.
Cameron Bros. & Co., mill & facty. supplies, 268 Market, San Francisco, Cal.
Cameron & Co., contractors, Ryan Bldg., St. Paul, Minn.
Cameron Cotton Oil Co., cottonseed meal, Cameron, Tex.
Cameron & Disston, contractors, Hearst Bldg., San Fran., Cal.
Cameron Elec'l Mfg. Co., armatures, commutators, etc., Ansonia, Conn.
Cameron Engineering Co., cranes, trolleys, trucks, etc., E. Stroudsburg, Pa. *See adv index at end of book.*
Cameron, G. V. & F. W., plate glass, 284 Central av, Albany, N. Y.
Cameron, J. D., & Son Co., lbr. mfrs., Mobile, Ala.
Cameron, J. E., packing box mfr., Golden Dale, Wash.
Cameron, James L., architect, 1900 Euclid av, Cleveland, Ohio.
Cameron, Joe T., flour mills, Washburn, Tenn.
Cameron, Joyce & Co., contractors, Keokuk, Ia.
Cameron Lbr. Co., Long Bldg., Kansas City, Mo.
Cameron Machine Co., paper slitting & rewinding & fabric cutting Machines, etc., 61 Poplar, Brooklyn, N. Y. *See adv index at end of book.*
Cameron Oil Mill, meal, Cameron, S. C.
Cameron Picture Mach. Co., searchlights, Brooklyn, N. Y.
Cameron Powder Mfg. Co., Emporium, Pa.
Cameron, R. H., architect, State Bk. & Tr. Bldg., San Antonio Tex.
Cameron, R. W., & Co., varnish gum imp., 23 So. William, New York.
Cameron, Schroth Co., steam fitters' supplies, 415 Rush, Chicago, Ill.
Cameron Septic Tank Co., Monadnock blk., Chicago, Ill.
Cameron Stove Co., iron forgings, Richmond, Va.
Cameron Tool Co., machsts. & fndrs., Cameron, W. Va.
Cameron, W. J., Co., contrs., 106 N. La Salle, Chicago, Ill.
Cameron, W. L., Co., buttons, 507 W. 50th, New York.
Cameron, Wm., & Co., masons' & bldrs.' matls., Waco, Tex.
Cameron Wire Wheel Co., 47 Adelaide, Detroit, Mich.
Cameron's, Jas., Sons, contrs. & masons' & bldrs.' matls., Keokuk, Ia.
Camillus Cutlery Co., Camillus, N. Y.
Camm, Geo. E., machinist, Johnstown, N. Y.
Camm & Hedges Co., sashes, doors & blinds, Petaluma, Cal.
Cammerer, H., & Son, cornices, Nashville, Tenn.
Camp Bros. & Co., agrlt. implts., portable elevators, washing machy., etc., Washington, Ill.
Camp Co., elec. hair dryers, La Crosse, Wis.
Camp Conduit Co., 306 Marshall Bldg., Cleveland, Ohio.
Camp, D. J., lbr. mfr., East Randolph, Vt.
Camp & Du Puy, architects, 426 E. Alder, Portland, Ore.
Camp, E. N., & Sons Co., agricultural implements, Moreland, Ga.
Camp Glass Co., window, Huntington, W. Va.
Camp, H. B., Co., underground conduits, Fulton Bldg., Pittsburgh, Pa.
Camp, H. W., Co., fertilizer, Moreland, Ga.
Camp, Harry E., petroleum, Bradford, Pa.
Camp, J. M., & Son, carriages, Lincoln, Neb.
Camp, L. W., Co., brick, Akron, Ohio.
Camp Machine Shop, Atlanta, Ga.
Camp Mfg. Co., lumber, Franklin, Va.
Camp Spring Mill Co., flour, Nashville, Ill.
Camp, W. R., architect, Chamber of Commerce Bldg., Washington, D. C.
Campbell, A. D., fertilizer mfr., Chipley, Fla.
Campbell, A. S., Co., elec. lamps, lighting systems, etc., 276 Commercial, Boston, Mass.
Campbell, Alden W., architect, 34th J., Sacramento, Cal.
Campbell, Andrew C., spring cotters & keys, Waterbury, Conn.
Campbell-Bosworth Mach. Co., 205 Lincoln, Boston, Mass.
Campbell Bros., contractors, Santa Fe, N. M.
Campbell Bros. Co., contractors, Youngstown, Ohio.
Campbell Bros. Co., meat packers, Danville, Ill.
Campbell Bros. Mfg. Co., agricultural implements, Harrison, O.
Campbell Building Co., Newhouse Bldg., Salt Lake City, Utah.
Campbell, C. M., & Sons, masons' & bldrs.' matls., Temple, Tex.
Campbell, C. W., industrial chemicals, 11 Cliff, New York.
Campbell, Christopher, Inc., contractor, 286 5th av, New York.
Campbell & Clute Mach. Co., Cohoes, N. Y.
Campbell & Dann Mfg. Co., rims & felloes, carriage & wagon wheels, Tullahoma, Tenn.
Campbell & Dempsey Co., contractors, Kingston, N. Y.
Campbell, Don C., & Sons, flour, Lone Wolf, Okla.
Campbell, E. D., flour mills, Milford Square, Pa.
Campbell, E. W., architect, 5 Park Square, Boston, Mass.
Campbell Electric Co., X-ray & electro-medical apparatus, automatic time switches, low voltage, etc., 17 Stewart, Lynn, Mass.
Campbell Fibre Co., Stanton, Del.
Campbell Glass & Paint Co., 816 N. 7th, St. Louis, Mo.
Campbell, H. L., Constr. Co., Hazleton, Pa.
Campbell, Harry E., iron works, 409 W. Pearl, Albany, N. Y.
Campbell-Harris Lbr. Co., Dallas, Tex.
Campbell Hardware Co., Seattle, Wash.
Campbell & Hartman, contractors, Portland, Ore.
Campbell Heating Co., Des Moines, Ia.
Campbell & Horigan, modelers & sculptors, 4718 Penn, Pittsburgh, Pa.
Campbell, Hugh. & Son, contractors, Bay City, Mich.
Campbell Iron Co., 821 Cass av, bet. 8th & 9th, St. Louis, Mo.
Campbell, J. B., brass works, Erie, Pa.
Campbell, J., Co., canned goods, Camden, N. J.
Campbell, J. E., sash, door & blind, Humboldt, Tenn.
Campbell, J. G. & W., whol. hdwe. & mill & facty. supplies, Butler, Pa.
Campbell, J. M., cooperage stock, Caldwell, Ark.
Campbell, J. M., lubrg. oils & greases, 54 2d, Milwaukee, Wis.
Campbell, J. P., machy. dealer, Jacksonville, Fla.
Campbell, James, brick, Lehigh, Ia.
Campbell, Jas. F., & Son, machsts.; file & rasp mfrs., 13 Frost, Brooklyn, N. Y.
Campbell, Jas. I., architect, Woodycrest av & 163d, New York.
Campbell, Jas. N., Co., architects, Penn Bldg., Pittsburgh, Pa.
Campbell, Jno., posts, hitching, Manchester, N. H.
Campbell, John, & Co., aniline colors, 75 Hudson, New York.
Campbell, John F., contractor, 2440 16th, San Francisco, Cal.
Campbell & Kelly, Inc., machts. & fndrs., Tonopah, Nev.
Campbell & Keppen, clothes pins, Lamont, N. Y.
Campbell, L. G., Milling Co., flour, Owatonna, Minn.
Campbell, Lewis, pipe supplies, Boyerstown, Pa.
Campbell & Lewis, consulting htg. engineers, Watertown, N. Y.
Campbell Lumber & Mfg. Co., Hoag nr. Dorr, Toledo, Ohio.
Campbell, M. R., rims & felloes, carriage & wagon, Tullahoma, Tenn.
Campbell Machy. Co., 35 W. 39th, New York.
Campbell, Manson Co., Ltd., agricultural implements, Leavitt & Campbell, Detroit, Mich.
Campbell Mfg. Co., machinists & founders, Gadsden, Ala.
Campbell & Morgan, contrs., Appleton, Wis.
Campbell, Morrell & Co., masons' & bldrs.' matls., Passaic, N. J.
Campbell Motor Car Co., Kingston, N. Y.
Campbell, O. A., contractors' tents, 1252 W. 24th, Los Angeles, Cal.
Campbell Paper Box Co., South Bend, Ind.
Campbell, Peter F., machinist, 51 Laurel, Philadelphia, Pa.
Campbell & Price, contrs., Oklahoma, Okla.
Campbell, S. K., Co., agricultural implements, Central Bridge, N. Y.
Campbell, Shiras, architect, 103 Park av, New York.
Campbell & Smiley, heating contr., 30 Church, New York.
Campbell-Smith-Ritchie Co., sash, door & blind, Lebanon, Ind.
Campbell Supply Co., mill & facty. & plumbers' supplies—jobbers, 570 Columbus av, New York.
Campbell, T. J., machy. dlrs., 974 Beach, Philadelphia, Pa.
Campbell, Thos. E., & Co., cut glassware, 42 S. 8th, Brooklyn, N. Y.
Campbell, Thos. M., architect, Augusta, Ga.
Campbell, W. A., architect, Cutler Bldg., Rochester, N. Y.
Campbell, W. H., contractor, Ithaca, N. Y.
Campbell, W. J., Lbr. Co. (Ltd.), Oshkosh, Wis.
Campbell, W. M., flour mills, Gillham, Ark.
Campbell, W. S., cornices & skylights, Carrollton, Ga.
Campbell & Wall., contractors, Troy, N. Y.
Campbell, Walter M., pen archl. water colorists, 8 Beacon, Boston, Mass.
Campbell, Wm., contractor, Troy, N. Y.
Campbell, Wm., Co., fireless cookers, 160 Addison, Detroit, Mich.
Campbell, Wm., Wall Paper Co., Hackensack, N. J.
Campbell Wire Specialty Wks., South Bend, Ind.
Campbell, Wyant & Cannon Fdry. Co., Muskegon, Mich.
Campbellsville Canning Co., Campbellsville, Ky.
Campbellsville Lumber Co., Campbellsville, Ky.
Campbellsville Mfg. Co., woolen blankets, Campbellsville, Ky.
Campen Co., contractors, Omaha Natl. Bk. Bldg., Omaha, Neb.
Campen, Sam'l. M., lumber, Alliance, N. C.
Campf, Ralph, contractor, Paterson, N. J.

Campfield, Edwin M., architect, Colonial Bldg., Richmond, Ind.
Campfield, Raggle, Black Co., Colonial Bldg., Richmond, Ind.
Campobello Oil Mills, meal, Campobello, S. C.
Campville Brick Co., Campville, Fla.
Canadian-Am. Cereal Products Co., Produce Exch., New York.
Canadian-Am. Lumber Co., Spokane, Wash.
Canadian Knitting Mills, sweaters, cardigans, etc., 86 Meserole, Brooklyn, N. Y.
Canadian-Leonard Const. Co., 332 So. Michigan av, Chicago, Ill.
Canadian Mill & Elevator Co., El Reno, Okla.
Canady-Blaisdell Corp., fuel economizers, 90 West, New York.
Canal Construction Co., 189 W. Madison, Chicago, Ill.
Canal Lumber Co., wood pipe, Seattle, Wash.
Canal Mfg. Co., sash, door & blind, Seattle, Wash.
Canan Building Supply Co., Altoona, Pa.
Canan-Knox Supply Co., masons' & bldrs.' matls., Altoona, Pa.
Canandaigua Kraut Co., canned, Canandaigua, N. Y.
Canasawacta Knitting Co., bathing suit mfrs., Sherburne, N. Y.
Canastota Canning Co., Canastota, N. Y.
Canavan, J., L., brooms, Lawrence, Kan.
Canby, Hy. M., lbr. mfr., Equitable Bldg., Wilmington, Del.
Cancos Mfg. Co., packing, Garden & Bridge, Philadelphia, Pa.
Canda, M. M., masons' & bldrs.' matls., 184 3d, Brooklyn, N. Y.
Candee Incubator & Brooder Co., Eastwood, N. Y.
Candee & Krekeler Co., masons' & bldrs.' matls., 472 Hamilton av & 1217 Grand, Brooklyn, N. Y.
Candee, L., & Co., rubber boots & shoes, New Haven, Conn.
Candee, Smith & Howland Co., masons' & bldrs.' matls., ft. E. 26th, New York.
Candela, Rosario, archit., 120 E. 101st, New York.
Candelet, J. E., & Co., contractors, 10 Warrington, Providence, R. I.
Candler Dock & Dredge Co., Moffat Bldg., Detroit, Mich.
Candler, Duncan, architect, 105 W. 40th, New York.
Candler Elec. Lamp Co., 106 W. 46th, New York.
Candler, Geo. V., Co., cornices & port. fireproof garages, 1092 Jefferson av, Detroit, Mich.
Candler, J. D., Roofing Co., cornices, 179 High., E. Detroit, Mich.
Candler Radiator Co., 1084 Jefferson, E., Detroit, Mich.
Candler, Robt., Co., cornices & skylights, 963 Beaubien, Detroit, Mich.
Cando Implement Co., machsts. & fndrs., Cando, N. D.
Candor Blanket Co., Candor, N. Y.
Candvo & Grizzello, contrs., Toronto, O.
Candy & Co., beeswax, insulating compounds, etc., 403 N. Paulina, Chicago, Ill.
Candy & Nut Machine Co., Toledo, Ohio.
Cane Valley Mill Co., Cane Valley, Ky.
Cane, W. H. & F. W., contractors, 233 B'way, New York.
Canedy-Otto Mfg. Co., machsts. & fndrs., portable forges, Chicago Heights, Chicago, Ill.
Canfield, Alfred, billiard tables, 199 Market, Newark, N. J.
Canfield, Chas., architect, Arlington, Vt.
Canfield, D. H., architect, Middletown, N. Y.
Canfield Gas Engine Co., Binghamton, N. Y.
Canfield, H. C., lawn swings, Batesville, Ind.
Canfield, H. O., Co., plumbers' rubber goods, Bridgeport, Conn.
Canfield, Lee, Lumber Co., Cedar Rapids, Ia.
Canfield Lumber Co., Waterloo, Ia.
Canfield Mfg. & Novelty Co., handles (wood), Canfield, Ohio.
Canfield, M. C., Sons Co., babbitt & solder, 93 Wilsey, Newark, N. J.
Canfield Oil Co., oils, wax, greases, varnishes, etc., 3216 E. 55th, Cleveland, Ohio.
Canfield Rubber Co., Bridgeport, Conn.
Canfield Supply Co., plumbers' supplies—jobbers, Kingston, N. Y.
Canister Co. of N. Jersey, cans, cases, lacquering, etc., Broad, Phillipsburg, N. J.
Cann & Corrubia, architects, Central Nat. Bk. Bldg., St. Louis, Mo.
Cann & Saul Steel Co., pipe straps, hangers, & iron & steel forgings, 516 Commerce, Philadelphia, Pa.
Cannella, Chas. P., architect, 60 Graham av, Brooklyn, N. Y.
Cannelton Iron Wks., Cannelton, Ind.
Cannelton Planing Mill Co., sashes, doors & blinds, Cannelton, Ind.
Cannelton Sewer Pipe Co., Cannelton, Ind.
Cannici, Harry S., archit., 818 Chapel, New Haven, Conn.
Cannelton Stoneware & Pottery Co., Cannelton, Ind.
Canniff, W. C., & Co., granite, Quincy, Mass.
Canning Trade, publications, State Bk. of Md. Bldg., Baltimore, Md.
Cannon, B. W., turpentine, Georgetown, S. C.
Cannon, E. W., architect, Central Bk. Bldg., Oakland, Cal.
Cannon Falls Canning Co., Cannon Falls, Minn.
Cannon, Fermor S., Co., architects, Traction Term. Bldg., Indianapolis, Ind.
Cannon & Fetzer, architects, Templeton Bldg., Salt Lake City, Utah.
Cannon, G. J., architect, Chronicle Bldg., Houston, Tex.
Cannon, H. P., & Son, canned goods, Bridgeville, Del.
Cannon Lbr. Co., 6054 Garfield av, St. Louis, Mo.
Cannon Mfg. Co., shade cloth, Concord, N. C.
Cannon Oiler Co. (successor to R. E. Bloomer), Keithsburg, Ill.
Cannon, T. J., & Sons Machine Co., designers & builders of special machinery, tools, etc., Lynn, Mass.
Cannon Valley Milling Co., flour, 822 Flour Ex., Minneapolis, Minn.
Canode & Hunt Mfg. Co., typewriter ribbons, 536 S. Clark, Chicago, Ill.
Canon City Foundry & Mach. Co., Canon City, Colo.
Canon Oil & Fertilizer Co., Canon, Ga.
Canonchet Line & Twine Co., Canonchet, R. I.
Canonsburg Pottery Co., Canonsburg, Pa.
Canonsburg Steel & Iron Wks., Canonsburg, Pa.
Cantasano, Vito G., & Bros., cotton waste, 185 South, New York.
Canterbury, A. C., flour mills, Turtle Creek, W. Va.
Cantin, A. A., architect, 68 Post, San Francisco, Cal.
Cantine, Martin, Co., paper & pulp mills, Saugerties, N. Y.
Canton, A. N., architect, Walton Bldg., Atlanta, Ga.
Canton Art Metal Co., cornices & skylights, Canton, Ohio.
Canton Auto Parts Mfg. Co., pistons, rings, Canton, Ohio.
Canton Boiler & Engng. Co., bleaching tanks, Canton, Ohio.
Canton Box Co., packing, 2515 Boston, Baltimore, Md.
Canton Brass Foundry Co., Canton, Ohio.
Canton Bridge Co., Canton, Ohio.
Canton Bros., granite, Barre, Vt.
Canton Buggy Co., Canton, Ohio.
Canton Canning Co., Canton, Ohio.
Canton Cement Specialty Co., Canton, Ohio.
Canton Clay Products Co., crockery, Canton, Ohio.
Canton Cornice & Skylight Co., Canton, Ohio.
Canton Cotton Mills, Canton, Ga.
Canton Culvert & Silo Co., Canton, Ohio.
Canton Cutlery Co., Canton, Ohio.
Canton Drop Forging & Mfg. Co., Canton, Ohio.
Canton Elec-Cut Co., meat choppers & slicers, Canton, Ohio.
Canton Electric Sign Co., Canton, Ohio.
Canton Engineering & Electric Co., Canton, Ohio.
Canton Fertilizer & Chemical Co., Canton, Ohio.
Canton Feed & Milling Co., Canton, O.
Canton Fertilizer Co., Canton, Ga.
Canton Foundry & Machine Co., Canton, Ohio.
Canton Furniture Mfg. Co., revolving bookcases & desks, Canton, Ohio.
Canton Glass Co., stationers, chemical & druggists, etc., glass ware, Marion, Ind.
Canton Grate Co., Canton, Ohio.
Canton Grey Lime Co., Canton, Ohio.
Canton Hardware Co., Canton, Ohio.
Canton Incandescent Light Co., Canton, Ohio.
Canton Iron & Metal Co., Canton, Ohio.
Canton Ladder Co., Canton, Ohio.
Canton Lbr. Co., Boston ft. of Kenwood av, Baltimore, Md., & Canton, Mo.
Canton Lbr. Co., Boston ft. of Kenwood av, Baltimore, Md.
Canton Lumber Co., Canton, Ohio.
Canton Mach. Shop, spec. machy., Canton, Ohio.
Canton Malleable Iron Co., founders, Canton, Ohio.
Canton Mattress Co., Canton, Ohio.
Canton Metal Ceiling Co., Canton, Ohio.
Canton, Norman, architect, Walton Bldg., Atlanta, Ga.
Canton Paint & Glass Co., Canton, Ohio.
Canton Pattern & Mfg. Co., Canton, Ohio.
Canton Planing Mill Co., Canton, Mo.
Canton Pressed Brick Co., Canton, Ohio.
Canton Provision Co., Canton, Ohio.
Canton Razor Strop Co., Inc., Canton, Ohio.
Canton Rubber Co., Canton, Ohio.
Canton Saw Co., circular saws, Canton, Ohio.
Canton Sash Weight Co., Canton, Ohio.
Canton Sheet Steel Co., Canton, Ohio.
Canton Sign Co., elec. signs, Canton, Ohio.
Canton Stamping & Enameling Co., Canton, Ohio.
Canton Steel Foundry Co., Canton, Ohio.
Canton Steel Roofing Co., sheet steel ceilings, Canton, Ohio.
Canton Supply Co., mill & facty. supplies, Canton, Ohio.
Canton Tent & Awning Co., Canton, Ohio.
Canton Tile Hollow Brick Co., New Bethlehem, Pa.
Canton Trunk Co., Canton, Ohio.
Cantor & Dorfman, architects, 373 Fulton, Brooklyn, N. Y.
Cantor, Jos., rubber substitutes, etc., 54 Stone, New York.
Cantrell Constr. Co., 21st & Sedgley av, Philadelphia, Pa.
Cantslip Mfg. Co., rubber mats, 16 Cedar, New York.
Cantwell Hardware Co., Kenton, Ohio.
Canvas Belting Co., Cleveland, Ohio.
Canvas Thread Tire Co., Utica, N. Y.
Canvass Decoy Co., Union City, Tenn.
Cap-Swivel-Let Co., conduit fittings, Warren, R. I.
Capac Paper Co., Capac, Mich.
Caparn, Harold A., landscape architect, 220 W. 42nd, New York.
Cape Ann Anchor Works, Gloucester, Mass.
Cape Ann Isinglass Co., 121 Beverly, Boston, Mass.
Cape Ann Lumber Co., masons' & bldrs.' matls., Gloucester, Mass.
Cape Ann Tool Co., Rockport, Mass.
Cape Cod Power Dory Co., launch, motor boat & yacht bldrs., Wareham, Mass.
Cape Cod Specialty Co., canned goods, North Truro, Mass.
Cape County Milling Co., flour, Jackson, Mo.
Cape Fear Machine Works, Wilmington, N. C.
Cape Fear Mfg. Co., sashes, doors & blinds, Greensboro, N. C.
Cape Girardeau Portland Cement Co., Cape Girardeau, Mo.

Cape Girardeau Press Brick Co., Cape Girardeau, Mo.
Cape, Hy., lbr., 52 Vanderbilt av, New York.
Cape, Jas., & Sons Co., contractors, Racine, Wis.
Cape Lime & Marble Co., Cape Girardeau, Mo.
Cape May Glass Co., Cape May Court House, N. J.
Cape May Sand Co., Cape May, N. J.
Capelle, A. J., architect, Woods Bldg., Evansville, Ind.
Capelle Hardware Co., 212 Market, Wilmington, Del.
Capen Belting & Rubber Co., Main & Chestnut, St. Louis, Mo.
Capen, G. W., architect, Canton, Mass.
Capen, John F., architect, 207 Market, Jersey City, N. J.
Capewell Horse Nail Co., Hartford, Conn.
Capital Box Factory, turned wood, Sacramento, Cal.
Capital Buggy Co., Henderson, N. C.
Capital City Carriage Co., Des Moines, Ia.
Capital City Casket Co., Sacramento, Cal.
Capital City Culvert Co., Madison, Wis.
Capital City Furniture Co., 639 Jackson, St. Paul, Minn.
Capital City Lime & Cement Co., Starkey & Indiana, St. Paul, Minn.
Capital City Supply Co., steam fitters' supplies, Charleston, W. Va.
Capital Constr. Co., 415-8 E. Market, Indianapolis, Ind., & Madison, Wis.
Capital Elec. Co., armatures, Springfield, Ill.
Capital Elec. Co., clothes washing machines, 321 Sheldon, Chicago, Ill.
Capital Elec. Co., incandescent elec. lamps, Denver, Colo.
Capital Electric Co., steps, poles, Salt Lake City, Utah.
Capital Fertilizer Co., Montgomery, Ala.
Capital Gas Engine Co., Indianapolis, Ind.
Capital Hill Monument Co., Des Moines, Ia.
Capital Iron Works Co., Topeka, Kan.
Capital Lime Stone Co., Columbus, Ohio.
Capital Lumber & Mfg. Co., Frankfort, Ky.
Capital Mach. Co., Indianapolis, Ind.
Capital Mastic Co., contrs., Sacramento, Cal.
Capital Porcelain Mfg. Co., Trenton, N. J.
Capital Rattan Co., Furniture, Indianapolis, Ind.
Capital Seat & Nov. Co., 369 3d av, New York.
Capital Stone Co., Atlanta, Ga.
Capital Wire Co., Madison, Wis.
Capitol Brass Wks., brass founders & finishers, 596 Franklin, Detroit, Mich.
Capitol Castings Co., machsts. & fndrs., Lansing, Mich.
Capitol City Iron Wks., Olympia, Wash.
Capitol City Lbr. Co., Hartford, Conn.
Capitol City Machine Works, Montgomery, Ala.
Capitol City Supply Co., mill & facty. supplies, Charleston, W. Va.
Capitol City Vitrified Brick & Paving Co., Topeka, Kan.
Capitol Constr. Co., Ruggery Bldg., Columbus, Ohio.
Capitol Foundry Co., Denver, Colo.
Capitol Fdry. Co., Hartford, Conn.
Capitol Knit Wks., sweaters, cardigans, etc., 745 De Kalb av, Brooklyn, N. Y.
Capitol Lbr. Co., Indianapolis, Ind.
Capitol Milling Co., flour, Los Angeles, Cal.
Capitol Paint & Varnish Co., Washington, Pa.
Capitol Refining Co., petroleum & its products, Stockyards, Cal.
Capitol Refining Co., 343 Sansome, San Francisco, Cal.
Caplan Galvanized Iron Cornice Co., 4414 Easton av, St. Louis, Mo.
Caplan, Julius H., scrap iron, Lebanon, Pa.
Caplan, Philip, architect, 16 Court, Rockaway Beach, N. Y.
Caplan, S., & Co., bristles, hair, 80 Pine, New York.
Capoli Button Works, Lansing, Ia.
Cappel, A., & Son, umbrella mfrs., Dayton, Ohio.
Capps, B. W., cornices & skylights, Memphis, Tenn.
Capps, J., & Sons (Ltd.), woolen blankets, Jacksonville, Ill.
Caprio & Grieco, contractors, Lock Haven, Pa.
Capron Co., belt buckles, 70 Ship, Providence, R. I.
Caproni, P. P., & Bro., stucco wk., 1914 Washington, Boston, Mass.
Caputa & Sojka, contractors, Scranton, Pa.
Car Co., carriages, Elkhart, Ind.
Carabelli, Jos., Monumental Works, 12317 Euclid av, Cleveland, Ohio.
Carah, Hedley V., architect, 50 Oliver, Boston, Mass.
Caraleigh Phosphate & Fertilizer Works, Raleigh, N. C.
Caravel Co., chemicals, dyestuffs, etc. (brokers), 13-21 Park row, New York.
Carbaugh Brick & Tile Wks., Fort Smith, Ark.
Carbaugh, Wm. H., brick, New Oxford, Pa.
Carbic Mfg. Co., calcium carbide, Duluth, Minn.
Carbo Corp., posts (iron & steel), Chicago Heights, Ill.
Carbo-Hydrogen Co., of America, welding-apparatus, Beneduon Tress Bldg., Pittsburgh, Pa.
Carbo Steel Post Co., 538 S. Clark, Chicago, Ill.
Carbolineum Importing Co., 76 Wall, New York.
Carbolineum Wood Preserving Co., of Oregon, Portland, Ore.
Carbolineum Wood Preserving Co. of Wis., Milwaukee, Wis.
Carbolineum Wood Preserving Co. of N. Y., 41 Greene, New York.
Carbon Iron & Steel Co. (Ltd.), blast furnaces, Mauch Chunk, Pa.
Carbon Limestone Co., Youngstown, Ohio.
Carbon Preservative Paint Co., Salt Lake City, Utah.
Carbon Slate Co., slate blackboards, Slatington, Pa.
Carbon Steel Casting Co., Lancaster, Pa.
Carbon Steel Co., bar mills, ft. 32nd, Pittsburgh, Pa.
Carbondale Instrument Co., hydrometers, Carbondale, Pa.
Carbondale Mach. Co., machsts. & fndrs., Carbondale, Pa.
Carbondale Milling Co., flour, Carbondale, Pa.
Carbondale Sponge Co., 89 Fulton, New York.
Carbono Specialty Mfg. Co., belt dressing, 366 W. B'way, New York.
Carborundum Co., emery wheels, stones, etc., Niagara Falls, N. Y.
Card. C. S., Iron Works Co., Denver, Colo.
Card, Earle, Lbr. Co., 1159 Wabash, Detroit, Mich.
Card, I. P., architect, Corona, N. Y.
Card, J. M., Lumber Co., Chattanooga, Tenn.
Card, S. W., Mfg. Co., dies, reamers, taps, etc., Mansfield, Mass.
Cardiff Green Marble Co., Cardiff, Md.
Cardiff Gypsum Plaster Co., Fort Dodge, Ia.
Cardiff, J. A. F., architect, 101 Park av, New York.
Cardinal Cabinet Co., Wabash, Ind.
Cardineli, Vincent, Co, tracing paper, 577 Market, San Francisco, Cal.
Cardington Cabinet Co., Cardington, Ohio.
Cardo Bros. & Co., granite, Cypress av & 132d, New York.
Cardwell, Allen D., telegraph instruments, 251 W. 19th, N. Y.
Cardwell Blue Print & Supply Co., Denver, Colo.
Cardwell Mach. Co., machy. mfrs., 1900 E. Gary, Richmond, Va.
Cardwell Mfg. Co., gear draft, etc., McCormick Bldg., Chicago, Ill.
Caretti. John, & Co., floor mosaics, 53 Austin, Chicago, Ill.
Caretto & Forster, architects, 30 E. 42d, New York.
Carew, Henry, contractor, 210 Jos-Campau, Detroit, Mich.
Carew, Jos F., stone producers, Gerard & Mass. av, Boston, Mass.
Carew Mfg. Co., paper & pulp mills, & typewriter paper, S. Hadley Falls, Mass.
Carey Box & Lbr. Co., sash, door & blind mfrs., 634 1st, Brooklyn, New York.
Carey Brick Co., 133 W. Washington, Chicago, Ill.
Carey Bros., flour mills, Tatham Springs, Ky.
Carey Bros. Wall Paper Mfg. Co., 1023 Filbert, Philadelphia, Pa.
Carey & Co., carriage lamps, 246 N. 5th, Philadelphia, Pa.
Carey Const. Co., concrete piles, Cleveland, Ohio.
Carey, J. B., stone producers, Convoy, Ohio.
Carey, J. D., Co., contractors, Citizens Bldg., Cleveland, Ohio.
Carey, J. F., contr. & stone producer, Winsted, Conn.
Carey, Jas, sash, door & blind mfr., Copenhagen, N. Y.
Carey, Jas. L., mill engineers, 208 N. Laramie av, Chicago, Ill.
Carey, Jno. W., architect, Mer. Natl. Bk. Bldg., San Francisco, Cal.
Carey, Lawrence, contrs., Rome, N. Y.
Carey-Lombard, Young & Co., lumber mfrs., 332 S. Michigan av, Chicago, Ill.
Carey Machinery & Supply Co., mill & facty. supplies, 119 E. Lombard, Baltimore, Md.
Carey-Mandi Constr. Co., Oaks Park, Ill.
Carey, Philip, Mfg. Co., paper & pulp mills, roofing, asbestos felting, etc., 330 Wayne av, Lockland, Cincinnati, Ohio.
Carey-Reed Co., contrs., Lexington, Ky.
Carey Salt Co., Hutchinson, Kans.
Carey & Sons, Clinton, Iowa.
Carey, W. W., Co., woodworking machy., etc., Lowell, Mass.
Cargill-Cleveland & Co., whip mfrs., Westfield, Mass.
Carhart, A. L., contractor, Hale Bldg., Philadelphia, Pa.
Carhart Constr. Co., Atlantic Highlands, N. J.
Carhartt, Hamilton, Cotton Mills, Rock Hill, S. C.
Caril, Jesse E., ship bldrs., Northport, N. Y.
Carkeek, Thos. T., architect, Lincoln Bldg., Dubuque, Ia.
Carl, Dunning Equipment Co., machinery & contractors' equipment, 32 United Bldg., Indianapolis, Ind.
Carl, Frederick, machsts., 623 H, Washington, D. C.
Carl J. Horn, archit., Logansport, Ind.
Carl, John H, sash, doors & blind mfrs., 510 1st av, New York
Carl, Max J., Machine Co., 314 Superior av, N. W., Cleveland, O.
Carland, J. C., & Co., contractors, Spitzen Bldg., Toledo, Ohio.
Carlaw Bros., granite producers, Sacramento, Cal.
Carleton Canoe Co., Old Town, Me.
Carleton Co., contractors, 151 W. 42d, New York.
Carleton Co., elec. portable fans, 170 Summer, Boston, Mass.
Carleton, E. Everett & Co., varnish gums, shellac, 133 Front, New York.
Carleton & Moffat, oils, gambier, etc., 80 Maiden la, New York.
Carleton, Norwood & Co., ship builders, Rockport, Me.
Carley, C. R., patterns & models, 318 E. Water, Syracuse, N. Y.
Carley Heater Co., machsts. & fndrs., Olean, N. Y.
Carley, Ira, lumber, Ingalls, Mich.
Carlin, Anthony, Co., rivet mfrs., 2717 E. 75th, Cleveland, Ohio.
Carlin Calculator Co., machy., calculating machs., Chicago, Ill.
Carlin, D. N., Co., toys, 127 Denniston, Pittsburgh, Pa.
Carlin & Fulton Co., wholesale hdwe., 309 W. German, Baltimore, Md.
Carlin Hulfish Co., wholesale hdwe., Alexandria, Va.
Carlin Iron Wks., 310 W. 40th, New York.
Carlin, John H., Machine Co., Pittsburgh, Pa.
Carlin, John J., architect, Drexel Bldg., Philadelphia, Pa.
Carlin Machy. & Supply Co., mill & facty. supplies, 161 E. Lacock, Pittsburgh, Pa.
Carlin, P. J., Constr. Co., 1123 B'way, New York.

Carlin, Thos. F., contractor, West New Brighton, N. Y.
Carlin's, Thos., Sons Co., grinding pans & shears, 1600 River av, Pittsburgh, Pa.
Carlisle-Ayer Co., sash, door & blind, 42 Washington, North, Boston, Mass.
Carlisle Brick Co., Carlisle, Pa.
Carlisle, E. A., & Pope Co., sash, door & blind mfrs., 98 Canal, Boston, Mass.
Carlisle & Finch Co., gas engines, motors, search lights, etc., 229 E. Clifton av, Cincinnati, Ohio.
Carlisle & Gale Co., exhaust & blow piping, 5 North, Boston, Mass.
Carlisle Hardware Co., hardware, mill & facty. supplies, 326 Main, Springfield, Mass.
Carlisle, Louis G., architect, Vicksburg, Miss.
Carlisle Milling Co., flour, Carlisle, Ky.
Carlisle Packing Co., canned goods, Seattle, Wash.
Carlisle-Pennell Lumber Co., sash, door & blind, Atchison, Kans.
Carlisle Rice Mill Co., Carlisle, Ark.
Carlisle & Schilling Bros., fndrs., Poplar av & Henry, Columbus, Ohio.
Carlisle & Sharrer, architects, Jenkins Arcade, Pittsburgh, Pa.
Carll Bros., canned goods, Waterboro, Me.
Carll Canning Co., Augusta, Me.
Carlls, C. W., Sons, metal cornices, etc., Warren & Front, Trenton, N. J.
Carlon Construction Co., Oskaloosa, Ia.
Carlson, Aaron, sash, door & blind, 15th av, nr Central av, Minneapolis, Minn.
Carlson, A. E., contractor, Kewanee, Ill.
Carlson, A. M. & Son, patent specialists, Dispatch Bldg., St. Paul, Minn.
Carlson, Arthur G., architect, 226 Henry, Brooklyn, N. Y.
Carlson & Barger, scrap iron & steel, Northampton, Mass.
Carlson Bros. Co., cornices, Superior, Wis.
Carlson, Edwin, architect, 54 Hermon, Worcester, Mass.
Carlson, Ernest F., Co., contrs., Springfield, Mass.
Carlson, Frank A., contractor, Duluth, Minn.
Carlson & Johnson, contrs., 4233 Bryant av, S., Minneapolis, Minn.
Carlson, J. P., contractor, Red Wing, Minn.
Carlson, J. S., & L. Co., contractors, Montclair, N. J.
Carlson, L. M., woven wire mattresses, Grand Island, Neb.
Carlson Operating Co., hod elev., 1074 St. Marks av, Brooklyn,, N. Y.
Carlson, Oscar W., contractor, 86 Gallatin, Providence, R. I.
Carlson & Russ, machsts., 2319 Rich. ter, Port Richmond, N. Y.
Carlson & Torell Co., contractors, New Britain, Conn.
Carlson, Victor J., contrs., 445 Vancouver, Portland, Ore.
Carlson-Wenstrom Co., Erie av & Richmond, Philadelphia, Pa.
Carlsted Bros., contractors, 300 20th av, N., Minneapolis, Minn.
Carlton, Chas. W., architect, Chattanooga, Tenn.
Carlton, E. G., & Sons, woolen flannels, Rochdale, Mass.
Carlton, F. W., contractor, Bath, Me.
Carlton, F. W., dock bldrs., Woolwich, Me.
Carlton, Gus, bldg. contr., Portland, Ore.
Carlton Hardware Co., Calumet, Mich.
Carlton Machine Tool Co., drilling machines, Cincinnati, Ohio.
Carlton Mills Co., bathing suit mfrs., Coral & Adams, Phila., Pa.
Carlton Service, Chicago, advtg. spec., 538 S. Dearborn, Chicago, Ill.
Carlucci, Nicholas, stone prod., Scranton, Pa.
Carlyle Milling Co., flour, Carlyle, Ill.
Carlyle Paper Co., Carlyle, Ill.
Carlyle Paving Brick Co., Portsmouth, Ohio.
Carman & Fryer, freight elev., Indianapolis, Ind.
Carman, Geo., architects, Reliance Bldg., Kansas City, Mo.
Carman Mfg. Co., ash cans, Columbus, Ohio.
Carman Mfg. Co., beds, matresses, Portland, Ore.
Carman Mfg. Co., machsts. & fndrs., Tacoma, Wash.
Carman-Thompson Co., mill & facty supplies, Lewiston, Me.
Carmichael Buggy Co., Jackson, Ga.
Carmichael Constr. Co., Akron, Ohio.
Carmichael, D. G., contractor, 902 Chapel, New Haven, Conn.
Carmichael Guano Co., fertilizer mfrs., Jackson, Ga.
Carmichael, Hy., chemical engrs., 88 Broad, Boston, Mass.
Carmichael, John I., architect, 1520 Fairmount av, Phila., Pa.
Carmichael Lumber Co., McDonough, Ga.
Carmichael, Wm. P., contractor, Rialto Bldg., St. Louis, Mo.
Carmichael, Wm. P., Co., contractors, Williamsport, Ind.
Carmody, Frank S., Construction Co., 1413 G, N. W., Washington, D. C.
Carnahan, C. T., Mfg. Co., machsts., Denver, Colo.
Carnahan Mfg. Co., hard wood doors, Loogootee, Ind.
Carnahan & Mulford, contractors, 45 Kearny, San Francisco, Cal.
Carnahan Tin Plate & Sheet Co., Canton, Ohio.
Carnation Milk Products Co., canned goods, Seattle, Wash.
Carneal & Johnston, architects, Chamber of Com., Richmond, Va.
Carnegie Brick & Stone Co., Carnegie, Pa.
Carnegie Institute of Technology, engng. school & coll., Schenely pk, Pittsburgh, Pa.
Carnegie, John L., & Son, contrs., 189 N. Madison, Chicago, Ill.
Carnegie Steel Co., blast furnaces, iron rolling mills, machsts. & fndrs., etc., Carnegie Bldg., Pittsburgh, Pa.
Carnegie, Wm. G., architect, 109 W. Madison, Chicago, Ill.
Carnell, Geo., brick machinery, 1819 N. 5th, Philadelphia, Pa.
Carnell, Wm., & Son, machsts. & fndrs., Glassboro, N. J.
Carnesville Gin & Milling Co., Carnesville, Ga.
Carney, B. J., & Co., ties, poles & posts, Grinnell, Ia.
Carney, E. P., machsts., Ilion, N. Y.
Carney (Mrs.) J. A., ties, Carney, Ala.
Carney, J., Coal Co., masons' & bldrs.' matls., Waltham, Mass.
Carney, J. M., flour mills, Poca, W. Va.
Carney Lumber Co., 2335 Laflin, Chicago, Ill.
Carney Paper Co., Maumee, Ohio.
Carney, W. M., Mill Co., lumber, Atmore, Ala.
Carney's Cement Co., Mankato, Minn.
Carnham, Victor H., & Co., garment hangers, Buffalo, N. Y.
Carnick, R., scrap iron, Franklin, Pa.
Carnie-Goudie Mfg. Co., hammock mfrs., 613 Cherry, Phila., Pa. & Grand av, Kansas City, Mo.
Carnwath, Bell & Co., packing box mfrs., 613 Cherry, Phila., Pa.
Carola Co., talking machines, 118 Noble Ct., Cleveland, Ohio.
Carolin, R. B., brass & composition fndrs., Detroit, Mich.
Carolina Bagging Co., Henderson, N. C.
Carolina, Barytes Co., 101 Pk. av, New York.
Carolina Brick Co., Kingston, N. C.
Carolina Buggy Mfg. Co., Henderson, N. C.
Carolina Cross Arm Co., Elkin, N. C.
Carolina Fdry. & Mach. Co., Winston-Salem, N. C.
Carolina Fibre Co., Hartsville, S. C.
Carolina Lumber Mfg. Co., Charlotte, N. C.
Carolina Mach. Co., Fayetteville, N. C.
Carolina Marble & Granite Co., Salisbury, N. C.
Carolina Metal Co., babbitt metal, Shelby, N. C.
Carolina Mills, bags & bagging, Greenville, S. C.
Carolina Mineral Co., Penland, N. C.
Carolina Phosphate Co., fertilizer mfrs., Greenville, S. C.
Carolina Pine Products Co., tar mfrs., Cleveland, Ohio.
Carolina Portland Cement Co., Charleston, S. C.
Carolina Rice Mills, Goldsboro, N. C.
Carolina Supply Co., mill & facty. supplies, Greenville, S. C.
Carolina Washboard Co., Raleigh, N. C.
Caroline Fdy. Co., Baltimore, Md.
Carolus Mfg. Co., models & experimental work, Sterling, Ill.
Caron, August S., contractor, Oak Park, Ill.
Caron Granite Co., Milford, N. H.
Carondelet Fndry Co., 2101 S. Kingshighway blvd, St. Louis, Mo.
Carondelet Packing Co., meat, 8000 Ivory av, St. Louis, Mo.
Carondelet Planing Mill Co., 5826 S. B'way, St. Louis, Mo.
Carothers, A. K., stone producers, Williamsport, Pa.
Carow, J. & Co., jewelry cases, 85 Warren New York.
Carpeles Co., trunks, 1000 St. Paul av, Milwaukee, Wis.
Carpenter, A. J., Jr., architect, 39 Dunreath, Rox., Boston, Mass.
Carpenter, A. L., lbr. mfrs., Cassville, N. Y.
Carpenter, A. N., landscape archt., Galesburg, Ill.
Carpenter, B. G., Co., htg. contrs., Wilkes-Barre, Pa.
Carpenter & Bayles, handle mfrs., 100 Walker, New York.
Carpenter Bros., lumber, Crandon, Wis.
Carpenter, C. E., archit., 91 Cottage, Pawtucket, R. I.
Carpenter, Chas. R., Mach. Co., disc grinders, Racine, Wis.
Carpenter Coal & Lumber Co., masons' & bldrs.' matls., Attleboro, Mass.
Carpenter & Co., architects, St. Cloud, Minn.
Carpenter Construction Co., Grand Rapids, Mich.
Carpenter, Cyrus, & Co., hot air furnaces, 177 Massachusetts av, Boston, Mass.
Carpenter, D. L. & Co., whol. hdwe., 652 Main, Cincinnati, Ohio.
Carpenter, Daniel, contractor, Ossining, N. Y.
Carpenter, Davis, Co., plain & prismatic vault, etc., lights., 216 E. 41st, New York.
Carpenter, Du Bois, architect, 45 Market, Poughkeepsie, N. Y.
Carpenter, E. W., Mfg. Co., jigs & fixtures, 515 Union av, Bridgeport, Conn.
Carpenter, F. A., architect, Brown Bldg., Rockford, Ill.
Carpenter, Franklin, R. & Sons, metallurgical engrs., Denver, Colo.
Carpenter, G. Albert, machsts., Muncie, Ind.
Carpenter, Geo. B., & Co., contractors, mill. facty. & steamfitters' supplies, etc., 440 North Wells, Chicago, Ill.
Carpenter, Geo. T., masons' & bldrs.' matls., 1001 S. Karlov av, Chicago, Ill.
Carpenter, J. C., contractor, Chester, S. C.
Carpenter, J. C., Fig Co., canned goods, Houston, Tex.
Carpenter, J. M., Tap & Die Co., Pawtucket, R. I.
Carpenter, James E. R., architect, 681 5th av, New York.
Carpenter, John, architect, Marshall, Tex.
Carpenter, L. A., Press Metal Co., sheet metal, novelties, mfrs., 131 Munroe, Cambridge, Mass.
Carpenter-Morton Co., asphalt roofing, paints, varnishes, etc., 77 Sudbury, Boston, Mass.
Carpenter, O. A., architect, Montpelier, Ohio.
Carpenter, O. H., architect, Iowa City, Ia.
Carpenter, P. C., corn brooms, Demorest, Ga.
Carpenter, R. F., Mfg. Co., steel toilet partitions & gravity hinges, Cleveland, Ohio.
Carpenter R. H., architect, 194 Rawson, Atlanta, Ga.
Carpenter Steel Co., Reading, Pa.
Carpenter, T. A., & Sons, contractors, Bennington, Vt.
Carpenter-Tew Gear Co., 67 35th, Brooklyn, N. Y.
Carpenter-Udell Chemical Co., Grand Rapids, Mich.
Carpenter, W. A., architect, 200 E. 13th, Portland, Ore.

Carpenter, W. B., Co., catalog envelopes, 422 Main, Cincinnati, Ohio.
Carpenter, W. D., Co., sweeping compounds, disinfectants, etc., Syracuse, N. Y.
Carpenter, W. I., Lumber Co., 504 Lbr. Ex., Minneapolis, Minn.
Carpenter, W. J., architect, Highland Bldg., Pittsburgh, Pa.
Carpenter & Weldon, archits., Pickering Bldg., Cincinnati, Ohio.
Carpenter, Wellington, sashes, doors & blinds, Concord, N. H.
Carpenter Wing Carrier Mfg. Co., 473 Cleveland, St. Paul, Minn.
Carper Fdry. & Machine Co., Mabscot, W. Va.
Carper, J. L., flour mills, Griffithsville, W. Va.
Carpp, S. M., canned goods, Hartford, Mich.
Carquinez Brick & Tile Co., 461 Market, San Francisco, Cal.
Carr & Baal Co., sashes, doors & blinds, Des Moines, Ia.
Carr, C. R., architect, Roswell, N. M.
Carr, Commodore, contractor, East St. Louis, Ill.
Carr-Cullen Co., sashes, doors, blinds, 10th av N. E. & Marshall, Minneapolis, Minn.
Carr, Elmer E., boiler arches, 231 Insurance Exchange, Chicago, Ill.
Carr, F. C., cornices, Waltham, Mass.
Carr, F. S., Co., curtain fasteners, Boston, Mass.
Carr Fastener Co., Boston, Mass.
Carr, Frank A., architect, 69 Douglas av, Yonkers, N. Y.
Carr, G. P., contractor, Shawnee, Okla.
Carr, Geo. W., Co., contractors, 518 Main, Worcester, Mass.
Carr, Geo. Wallace, architect, 122 S. Michigan av, Chicago, Ill.
Carr, H. J., & Co., contractors, Atlanta, Ga.
Carr, H. W., architect, Green Bay, Wis.
Carr, Herbert V., contractors, East Norwalk, Conn.
Carr, J. B., Co., chain mfrs., Troy, N. Y.
Carr, J., Base Ball Co., 660 Pacific, Brooklyn, N. Y.
Carr, J. E., & Sons, cornices & skylights, Brockton, Mass.
Carr, Jas. W., foundry, Richmond, Va.
Carr, Jno. D., contractor, Uniontown, Pa.
Carr, John, & Son, architects, Brookville, Pa.
Carr, Jos., Co., machsts., 132 N. 7th, Philadelphia, Pa.
Carr, L. W., landscape architect, 1432 Arthur av, Cleveland, O.
Carr, Loftus H. & Co., mattresses, 288 Flushing av, B'klyn, N. Y.
Carr Lowrey Glass Co., glass bottle mfrs., Baltimore, Md.
Carr, M. M., canned goods, Aberdeen, Md.
Carr, M. W., & Co., silver nov., Somerville, Mass.
Carr & McClaskey, common brick, Chester, Pa.
Carr Mfg. Co., machsts., Kansas City, Mo.
Carr, Merrett L., architect, Meyer-Kiser Bk. Bldg., Indianapolis, Ind.
Carr Milling Co., flour, Hamilton, Ohio.
Carr Pail & Package Co., Ashby, Mass.
Carr, R. A., flour mills, Maysville, Ky.
Carr, Ryder & Adams Co., interior woodwork, Dubuque, Iowa.
Carr, Stuart R., & Co., fndrs., Boston & Montford av, Balto., Md.
Carr, W. C., & Son, contractors, Crawfordsville, Ind.
Carr, W. H., architect, Leesburg, Fla.
Carr, W. L., & Co., granite prod., Waterbury, Vt.
Carragan & Tilson, steel stamps, stencils, 88 Chambers, New York.
Carragher, F. J., sashes, doors & blinds, Belleville, N. J.
Carran, Lewis C., Co., lubricating oils & greases, Cleveland, O.
Carran, Richard B. & Sons, Co., machist. & fndrs., Ludlow, Ky.
Carrara Paint Co., Barberton, Ohio.
Carre, W. W., Co. (Ltd.), lumber, 814 Hibernia Bldg., New Orleans, La.
Carrere & Hastings, architects, 45th & Vanderbilt av, New York.
Carretto Gustave, architect, Baldwin, N. Y.
Carriage Dealers Journal, trade publications, Troy, N. Y.
Carriage Monthly, publications trade, 1010 Arch, Phila., Pa.
Carriage & Toy Co., childrens carriage mfrs., Baltimore, Md.
Carriage Woodstock Co., neck yokes, Owensboro, Ky.
Carrico Stone Co., Rockford, Ill.
Carrier Cutlery Co., Elmira, N. Y.
Carrier Eng'g. Corp., air cooling app., etc., 39 Cortlandt, New York.
Carrier E. T., cornices, South Manchester, Conn.
Carrier, F. P., machist., Edgerton, Wis.
Carrier Lumber & Mfg. Co., Sardis, Miss.
Carrington & Co., match safes, 42 Walnut, Newark, N. J.
Carrington, Geo. S., Co., label mfrs., 2340 W. Van Buren, Chicago, Ill.
Carrington & Gonella Stone Co., Sanford, N. C.
Carrigan Jno., architect, Epler Bldg., Seattle, Wash.
Carroll, A. P. Machine Co., machsts. & fndrs., 92 Broadway, Cambridge, Mass.
Carroll Box & Lumber Co., 629 E. 18th, New York.
Carroll Bros., canned goods, Havre de Grace, Md.
Carroll Bros., cornices, Lowell, Mass.
Carroll Bros., masons' & bldrs', matls., Ellicott sq., Buffalo, N. Y.
Carroll Bros., plating wks., 185 Franklin, Boston, Mass.
Carroll Bros. & Co., brush mfrs., Baltimore, Md.
Carroll, Chas., tubular boilers, Oswego, N. Y.
Carroll Contracting Co., Navarre Bldg., St. Louis, Mo.
Carroll, E. H., & Son, lumber, Warner, N. H.
Carroll Engineering Co., machsts., Dayton, Ohio.
Carroll Fdry. Co., Houghton, Mich.
Carroll Foundry & Machine Co., 992 No. Sandusky, Bucyrus, O.
Carroll, Guy H., masons' & bldrs.' matls., Aledo, Ill.
Carroll, H. C., & Sons, common brick, 67th & Gibson, Phila., Pa.
Carroll, J. Bruce, advtg. nov. & spec., 3057 Carroll, Chicago, Ill.
Carroll, J. E., Sand Co., White Bldg., Buffalo, N. Y.
Carroll, J. T., Lumber Co., Butte, Montana.
Carroll, Jamieson Machine Tool Co., Batavia, Ohio.
Carroll, Jos. L., mill & facty. supplies, Winsted, Conn.
Carroll, L. W., & Son, mill & facty. supp., Norwich, Conn.
Carroll, M. F., & Sons Co., carriages, Hillsboro, Ohio.
Carroll, Martin, Co., contrs., 1118 McGee, Kansas City, Mo.
Carroll Motor Car Co., Strasburg, Pa.
Carroll, Patrick, & Son, boilers (range, galvanized iron), 1406 Fairmont, Philadelphia, Pa.
Carroll-Porter Boiler & Tank Co., barge bldrs., foundry ladles, steel struct'l wk., etc., Empire Bldg., Pittsburgh, Pa.
Carroll Sand Co., White Bldg., Buffalo, N. Y.
Carroll Steel Co., steel products, 15 Park Row, New York.
Carroll, T. Geo., architect, Franklin Bldg., Baltimore, Md.
Carroll, W. A., Co., mill & facty. supps., San Francisco, Cal.
Carroll & Warner, canned goods, McDaniel, Md.
Carroll, William A., carriages, New Bedford, Mass.
Carrollton Nov. Co., mechl. toys, Carrollton, Ohio.
Carrollton Pottery Co., Carrollton, Ohio.
Carron, A. M., Machine Co., air pumps, Penn & Barbeau, Pittsburgh, Pa.
Carrom Co., toy nov., Ludington, Mich.
Carron & Co., auto. gloves, 1777 B'way, New York.
Carrothers Bros., architects, 17 W. 1st, Colorado Springs, Colo.
Carruth, J. G., & Co., woolen flannels, Indiana av & Rosehill, Philadelphia, Pa.
Carruthers & Fithian Clutch Co., Grove City, Pa.
Carruthers, Robt., Co., textile machy., Lowell, Mass.
Carscallen Bros., contractors, Coeur D'Alene, Idaho.
Carsley, Geo. H., architect, Helena, Mont.
Carsley, Glen W., architect, Kenosha, Wis.
Carson, Alexander W., architect, Charleston, W. Va.
Carson Bros., common brick, Vancouver, Wash.
Carson, C. A., Co., contractors, 6408 Euclid av, Cleveland, O.
Carson & Furman, contractors, Haverstraw, N. Y.
Carson, G. & W. H., lime mfrs., Plymouth Meeting, Pa.
Carson & Hartwig, tool-post turrets, 25 Hackett, Newark, N. J.
Carson Motor Co., gas engines, 654 Franklin, Detroit, Mich.
Carson, Nick H., contractor, El Paso, Tex.
Carson-Rowell & Co., babbit metal, Appleton, Wis.
Carson Trench Machine Co., sewer excavating machinery, 16 Dorrance, Boston, Mass.
Carson, Wm. & C. H., stone, Rochester, N. Y.
Carstarphen Elec. Co., cigar lighters, Denver, Colo.
Carsten Batteries, 1381 Fulton, Brooklyn, N. Y.
Carstens, H., Mfg. Co., surgical instruments, 567 W. Lake, Chicago, Ill.
Carstens Packing Co., meat, Tacoma, Wash.
Carswell, David, killers, fly swatters, St. Joseph, Mo.
Carswell, Wetmore & Co., granite, Barre, Vt.
Cartan & Delvin, masons' & bldrs.' matls., Matawan, N. J.
Carter, B. L., canned goods, Stone Mountain, Va.
Carter-Bell Mfg. Co., rubber substitutes, 150 Nassau, New York.
Carter Bros., contractors, Danville, Ill.
Carter Bros. Mattress Co., Chattanooga, Tenn.
Carter & Bucholz Co., Inc., disc grinders, 1234 S. State, Syracuse, N. Y.
Carter, C. C., & Sons, contrs., Nashville, Tenn.
Carter, C. E., Co., toys, Erie, Pa.
Carter, C. G., contractor, 27 W. 3d S., Salt Lake City, Utah.
Carter, C. J., Lumber Co., R. A. Long Bldg., Kansas City, Mo.
Carter, C. W. H., varnish, 8 Ferry, New York.
Carter & Campbell, children's carriages, Winchendon, Mass.
Carter Carburetor Co., 2840 N. Spring, St. Louis, Mo.
Carter Constr. Co., 42 Broadway, New York.
Carter, David T., & Co., lumber mfrs., Law Bldg., Baltimore, Md.
Carter, Donlevy & Co., tin plate, metals, etc., 1012 Cherry, Philadelphia, Pa.
Carter, E. T., machst. & fndr., Plainville, Conn.
Carter Elec. Co., alternating current rectifiers, etc., Atlanta, Ga.
Carter, F. M., & Co., turpentine, Boyett, Fla.
Carter, F. R., brick, Peoria, Ill.
Carter & Foster, brick & contractors, London, Ohio.
Carter, Fred N., contractor, Poughkeepsie, N. Y.
Carter, Geo. A., tacks, Brockton, Mass.
Carter, Geo. H., Co., wood mantels, 43 Beverley, Boston, Mass.
Carter, Geo. R., Co., auto. belts, Connersville, Ind.
Carter, Gough & Co., silver nov., 9 Maiden la, New York.
Carter, H. W., Paper Co., confetti, Springfield, Mass.
Carter & Hakes Machine Co., milling mach. & vises, Winsted, Conn.
Carter, Ira Calvin, archit., Lake Charles, La.
Carter Iron Co., staybolt, 307 5th av, Pittsburgh, Pa.
Carter, J. A., packing box, Petersham, Mass.
Carter, J. F., Co., oiled clothing, Beverly, Mass.
Carter, J. N., turpentine, Meigs, Ga.
Carter, J. S., & Co., fertilizer mfrs., Westminster, S. C.
Carter, J. W., Co., cornices & skylights, Manchester, Mass.
Carter, J. W., & Co., lamp cord adjusters, Abilene, Tex.
Carter-Kelley Lumber Co., Manning, Texas.
Carter, L. D., architect, 287 Salmon, Portland, Ore.

Carter-Lee Lumber Co., sash, door & blind mfrs., 1621 W. Washington, Indianapolis, Ind.
Carter Mfg. Co., lumber, Carters, Florida.
Carter Milling Co., flour, Democrat, N. C.
Carter, N. E., contractor, 2314 Main, S. Omaha, Nebr.
Carter Paint Co., paints, Liberty, Ind.
Carter Mfg. Co., lumber, wholesale mfrs. interior finish, Keokuk, Iowa.
Carter, R. K., & Co., wholesale hdwre., 66 Reade, New York
Carter, Ralph B., Co., pneumatic water supply systems, 152 Chambers, New York.
Carter, Rice & Co., Corp., insulating tape, 246 Devonshire, Boston, Mass.
Carter, S. C., Co., mchsts., Los Angeles, Cal.
Carter, Samuel O., brick, Sidney, Ia.
Carter Sheet Metal Co., Omaha, Neb.
Carter, Shepherd Milling Co., flour, Hannibal, Mo.
Carter, T. A., lumber mfrs., Miami, Fla.
Carter, T. T., architect, Bluefield, W. Va.
Carter-Travis Co., sash, door & blind, Seymour, Ind.
Carter, W. G., contractors, 3301 Parnell av, Chicago, Ill.
Carter, W. T., & Bro., lumber, Camden, Tex.
Carter, W. T., Lumber & Bldg. Co., Houston, Texas.
Carter White Lead Co., 12042 Peoria, Chicago, Ill.
Carter, Wm. C., contractor, Fitchburg, Mass.
Carter, Wm. Co., knitted gloves, Needham Heights, Mass.
Carter, Wm. D., machsts., Cleveland, Ohio.
Carter, Wm. P., architect, Springfield, N. J.
Carter Wire Fence Machine Co., Mt. Sterling, Ohio.
Carter's Ink Co., carbon paper, inks, paste, etc., E. Cambridge, Boston, Mass.
Carter's, J. T., mchts. & fndrs., Danville, Va.
Carterville Brick & Tile Co., Carterville, Ill.
Carthage Board & Paper Co., Carthage, Ind.
Carthage Fertz. Factory, Carthage, Tex.
Carthage Fdg. & Mach. Wks., Carthage, Mo.
Carthage Mach. Co., Carthage, N. Y.
Carthage Marble & White Lime Co., Chouteau & Vandeventer av, St. Louis, Mo.
Carthage Marble Wks., Carthage, Mo.
Carthage Quarry Co., Carthage, Mo.
Carthage Stone Co., Carthage, Mo.
Carthage Stone Yard, N. W. cor. 16th & Askew av, Kansas City, Mo.
Carthage Superior Marble & Limestone Co., Carthage, Mo.
Carthage Superior Spring Bed Mfg. Co., Carthage, Mo.
Carthage Sulphite Pulp & Paper Co., Carthage, N. Y.
Carthage Tissue Paper Mills, Carthage, N. Y.
Cartier, A. E., Sons Co., carriage shafts & poles, lbr., sash door & blind mfrs., etc., Ludington, Mich.
Cartier, M. N., & Sons Co., building & roofing papers, 289 Canal, Providence, R. I.
Cartier, T. N., carriages, Fall River, Mass.
Cartmell, Thos. B., Paint & Glass Co., Wilmington, Del.
Carton Belting Co., 52 Everett, Allston, Mass.
Cartwright Bros Co., crockery, East Liverpool, Ohio.
Cartwright, J. M., shears, Malaga, Cal.
Cartwright, T. C., masons' & bldrs.' matls., Marshalltown, Ia.
Cartwright, Thos. Edgar, masons' & bldrs.' matls., Summitville, Ind.
Carty-Dever Co., meat packers, Rockford, Ill.
Carusi, E. A., granite prod., Barre, Vt.
Carvell, Herman & Co., masons' & bldrs.' matls., Helena, Ark.
Carver, C. R., Co., embossing, stationery & stamping presses, 20th & Clearfield, Philadelphia, Pa.
Carver Cotton Gin Co., machsts. & fndrs., East Bridgewater, Mass.
Carver, E. S., & Son, packing box mfrs., 914 W. Westmrlnd., Philadelphia, Pa.
Carver File Co., machsts., 3231 Frankford, Philadelphia, Pa.
Carver, J. C., & Co., canned goods, Marumoco, Md.
Carver, Jos., architect, Colfax, La.
Carver, Richard, masons' & bldrs.' matls., Skaneateles, N. Y.
Carver Tool Wks., Spring Valley, N. Y.
Carver Wagon Co., carriages, Morristown, Tenn.
Carwood, Fred T., fly swatters, killers, Danville, Ill.
Cary Brick Co., Mechanicsville, N. Y.
Cary & Co., masons' & bldrs.' matls., Pensacola, Fla.
Cary, Davis, Co., dish washing machines, 42 Pearl, Buffalo, N. Y.
Cary, F. S., & Co., granite producers, Zanesville, Ohio.
Cary, Geo., architect, 184 Delaware av, Buffalo, N. Y.
Cary, Jas. H., elec. drills, Portland, Me.
Cary, Jno. & Co., common brick, Mobile, Ala.
Cary, L. K., Co., wholesale h'dwe., Ft. Fairfield, Me.
Cary Mfg. Co., box strapping mfrs., Nassau & Jay, B'klyn, N. Y.
See adv index at end of book.
Cary Safe Co., machsts., Buffalo, N. Y.
Cary Sand & Gravel Co., 127 N. Dearborn, Chicago, Ill.
Cary Spring Wks., 240 W. 29th, New York.
Caryl, A. H., lbr., 133 W. Washington, Chicago, Ill.
Casavant Bros., organs, South Haven, Mich.
Casazza, Geo. J., architect, 1133 Broadway, New York.
Cascade Fdry. Co., Erie, Pa.
Cascade Lumber Co., North Yakima, Wash.
Cascade Sheet Metal Works, cornices & skylights, Seattle, Wash.
Cascio, S., marble interior wk., 1259 Flushing av, B'klyn, N. Y.
Case, A. W., & Son, machsts. & fndrs., Highland Park, Conn.
Case, A. Willard, Co., paper & pulp mill, Manchester, Conn.
Case, Andrew J., contractor, Trenton, N. J.
Case Board Co., Andover, Conn.
Case Bros., paper & pulp mill, Highland Park, Conn.
Case Canning Co., Marshfield, Mo.
Case, Chas. W., architect, 832 Felicity, New Orleans, La.
Case & Cothran, contractors, Atlanta, Ga.
Case Crane & Engineering Co., Columbus, Ohio.
Case & Crotser, lumber, Kingsley, Mich.
Case, Fowler, Lumber Co., Macon, Ga.
Case Furnace Co., hot air, Tacoma, Wash.
Case Hardening Service Co., compounds, 1390 W. 10th, Cleveland, Ohio.
Case, J. I., Plow Works, plows, harrows, cultivators, planters, listers, etc., Racine, Wis.
Case, J. I., Threshing Machine Co., Racine, Wis.
Case, J. W., architect, David Whitney Bldg., Detroit, Mich.
Case, Jasper D., lumber, Rushville, Ind.
Case & Kroenlien, horse collars, Peoria, Ill.
Case, Levi, & Co., cornices, Schenectady, N. Y.
Case Lumber Co., Ltd., St. Joseph, La.
Case, Mfg. Co., paper & pulp mill, Unionville, Conn.
Case Mfg. Co., portable bldgs., 114 Liberty, Jackson, Mich.
Case & Marshall, paper, Hartford, Conn.
Case, Paul, architect, Westminster, Md.
Case & Risley Press Paper Co., binders' boards, Oneco, Conn.
Case School of Applied Science, engng. school & coll., Euclid av & Wade pk, Cleveland, Ohio.
Case Shingle & Lumber Co., Raymond, Wash.
Case, W. A., & Sons Mfg. Co., plumbers' & steam fitters' supplies, Buffalo, N. Y.
Case, W. J., & Son, contractors, Saratoga Springs, N. Y.
Case, W. R., & Sons Cutlery Co., Bradford, Pa.
Case, Walter, contractor, 817 G, N. W., Washington, D. C.
Case, Willard & Co., mill engnrs., 17 Battery pl, New York.
Casein Mfg. Co., 13 Park Row, New York.
Caseley & Neimes, corset eyelet mfrs., Taunton, Mass.
Casement Hardware Co., hdwe. specialties, 9 S. Clinton, Chicago, Ill.
Casenite Co., valve seats, 21 Warren, New York.
Casey & Broderick, stone prod., 523 State, Springfield, Mass.
Casey, D. L., Mach. Co., Springfield, Ohio.
Casey, Edw. P., architect, 149 Broadway, New York.
Casey, F. A., Co., automobile bldrs., Billerica, Mass.
Casey & Fant, architects, Anderson, S. C.
Casey-Hedges Co., blast furnaces, boilers, meter boxes, etc., & steel wks. constr., etc., Chattanooga, Tenn.
Casey & Hurley, contractors, 120 Pequonnock, Bridgeport, Conn.
Casey, Jno. A., Co., oil, turpentine, pitch, etc., 144 Maiden la, New York.
Casey, John F., Co., contractors, Oliver Bldg., Pittsburgh, Pa.
Casey Mfg. Co., auto. bindings, 216 Monroe av, Detroit, Mich.
Casey, Richard H., Inc., contractor, 246 W. 16th, New York.
Casey Trunk Co., 224 W. 35th, New York.
Cash, A. W., Co., valves, regulators, etc., Decatur, Ill.
Cash & Co., lumber, Hartwell, Ga.
Cash, J. & J., Ltd., woven labels, cotton towels, So. Norwalk, Conn.
Cash Mercantile Co., adding machs., 326 Market, San Francisco, Cal.
Cash, R. E., contractor, Lincoln Inn Ct., Cincinnati, Ohio.
Cash, W. F., & Co., machinists, Hiawatha, Kan.
Cashen, John J., & Son, steam fitters' supplies, Meriden, Conn.
Cashier Cash Register Co., Los Angeles, Cal.
Cashion, J. B., & Sons, mattresses, Cornelius, N. C.
Cashman Bros. Co., contractors, Newburyport, Mass.
Cashman, John J., contractor, 44 Court, Brooklyn, N. Y.
Cashman, John, & Sons Co., contractors, 247 Atlantic av, Boston, Mass.
Cashman & McCarthy, cornices, 372 W. Fayette, Syracuse, N. Y.
Cashmore, Jonathan, brick, Wadsworth, Ill.
Casket Interment Box Co., 4854 N. Clark, Chicago, Ill.
Caskey, C. R., Lbr. Co., 1123 B'way, New York.
Caskey & Keen, fndrs., Phila., Pa.
Caskey, Wm., & Son, castings (brass & bronze), York & Richmond, Philadelphia, Pa.
Casmento Specif Roofing Co., 103 Park av, New York.
Casna, J., & Co., granite, Quincy, Mass.
Cason-Monk & Co., hardware—wholesale, Nacogdoches, Tex.
Caspar Lumber Co., Hobart Bldg., San Francisco, Cal.
Casparis Stone Co., Clinton Bldg., Columbus, Ohio.
Casper, Ranger Constn. Co., general & building contractors, Holyoke, Mass.
C. A. S. Products Co., automobile gears, Columbus, Ohio.
Cass, B. T., & Co., picture frame mouldings, 2416 W. 22d, Chicago, Ill.
Cass, C. H., brick, Bridgewater, Ia.
Cass., N. D., Co., nov., toys & games, Athol, Mass.
Cass-Smurr-Damerel Co., wholesale hdwe. & heating contrs., 412 S. Broadway, Los Angeles, Cal.
Cassady, D. L., & Bro., flour, Williamsport, W. Va.
Cassady-Fairbanks Mfg. Co., hdwe. specialties, 6126 S. La Salle, Chicago, Ill.
Cassard, Hamilton, sewing machines, Holliday & Pleasant, Baltimore, Md.

Cassaretto, John, contrs. & masons' & bldrs.' matls., 345 Berry, San Francisco, Cal.
Cassco Bar Metallic Packing Co., 8 S. Dearborn, Chicago, Ill.
Cassebeer, Walter H., architect, Sibley blk., Rochester, N. Y.
Cassel, A. A., Metal Co., scrap iron, 227 Mineral, Milwaukee, Wis.
Cassel, Jacob C., logs (gas), 2347 N. 7th, Philadelphia, Pa.
Cassell, Chas. M., architect, Portsmouth, Va.
Cassell, Fred, wood carving tools, Grand Rapids, Mich.
Cassella Color Co., 182 Front, New York.
Casselman, C. W., cornices, Alliance, Ohio.
Casselman, Paul L., architect, 1215 Locust, Philadelphia, Pa.
Casselton Hardware Co., heating contractors, Casselton, N. D.
Casseus Mfg. Co., conductor pipe mfrs., Edwardsville, Ill.
Cassidy, A. F., Corp., architects, 272 Beaumont, Brooklyn, N. Y.
Cassidy, Chas. J., Co., contrs., 6th & Irving, Washington D. C.
Cassidy, David D., architect, Amsterdam, N. Y.
Cassidy & Gallagher, contrs., 73 Elm, Albany, N. Y.
Cassidy, Jno., & Son, masons' & bldrs.' matls., Bangor, Me.
Cassidy, L. M., architect, 1343 N. Waco av, Wichita, Kans.
Cassidy, S. W., architect, Herkimer, N. Y.
Cassidy & Son Mfg. Co., machsts. & fndrs., 101 Park av, New York.
Cassini Mosaic & Tile Co., 1027 Broadway, Cincinnati, Ohio.
Casson, Robt. H., fndrs., Paterson, N. J.
Cassone, Joe H., architect, 110 N. Penn, Allentown, Pa.
Cast Iron Brazing & Mfg. Co., Manchester, N. H.
Cast Iron Pipe Publicity Bureau, 1 B'way, New York.
Castagnos Cane Loader Co., New Orleans, La.
Castalia Portland Cement Co., Publication Bldg., Pittsburgh, Pa.
Castine Line & Twine Co., Castine, Me.
Castle, A. M., & Co., boiler lugs, post caps, etc., 1300 North Branch, Chicago, Ill.
Castle Bros., masons' & bldrs.' matls., Johnson pl, Brooklyn, N. Y.
Castle, C. E., contractor, Ogdensburg, N. Y.
Castle, Chas. L., billiard tables, Syracuse, N. Y.
Castle & Doyle, masons' & bldrs.' matls., Madison, Wis.
Castle, Gottheil & Overton, sulphite pulp, 200 5th av, New York.
Castle, Montague, London Co., glass stainers, 126 6th av., New York.
Castle Refrigerating Mach. Co., Indianapolis, Ind.
Castle, Wilmot, Co., sterilizers, Rochester, N. Y.
Castleberry & Flewellen Planing Mill Co., Longview, Tex.
Castleman-Blakemore Co., canned goods, Louisville, Ky.
Castner, J. P., stone, Changewater, N. J.
Casualty Co. of America, accident & employers' liability ins., 298 B'way, New York.
Caswell Constr. Co., Inc., 428 S. Salina, Syracuse, N. Y.
Caswell & Hartsell, cornices & skylights, Wichita, Kan.
Caswell Mfg. Co., machsts. & fndrs., Cherokee, Ia.
Catalogue Equipment & Supply Co., advtg. novelties & spec., Allston, Boston, Mass.
Cataract City Milling Co., flour & feed mills, Niagara Falls, N. Y.
Cataract Refining & Mfg. Co., lubricating oils & greases, Buffalo, N. Y.
Catasauqua Gong & Stamping Wks., Catasauqua, Pa.
Catawba Fertz. Co., Lancaster, S. C.
Catawissa Specialty Mfg. Co., fruit parers & toasters, Catawissa, Pa.
Catchpole Boiler, Fndry. & Mach. Co., Geneva, N. Y.
Cate, James & Son, Co., flour mills, Hopkinsville, Ky.
Catelain, A. G., hose clamps, 1446 Indiana av, Chicago, Ill.
Cately & Ettling, auto. top & carriage bows, Cortland, N. Y.
Cates, H. M., & Son, machsts. & fndrs., Houlton, Me.
Cates Machine Wks., Burlington, N. C.
Cates, Saml., sponges, Key West, Fla.
Cathedral Candle Co., Syracuse, N. Y.
Cathell Bros. & Co., stacks, tank & tubular boilers, etc., Fort av & Lawrence, Baltimore, Md.
Catholic University School of Technological Sciences, engng. schools and coll., Washington, D. C.
Cathrae, John H., & Son, engrs., Marquette Bldg., Chicago, Ill.
Cathrein Mfg. Co., skate straps, 1824 Linden, B'klyn, N. Y.
Cathroe, H. J., & Co., contractors, Brandeis Bldg., Omaha, Neb.
Cating Rope Wks., Maspeth, N. Y.
Catlin, Elmer, H., Co., 309 13th, N. W., Washington, D. C.
Catlin, W. J., & Bro., dry docks, & marine rys., Whitehaven, Md
Catoosa Limestone Products Co., Graysville, Ga.
Cator Dump Wagon Co., Palmyra, N. Y.
Catrano & Federico, contrs., New Orleans, La.
Catskill Cement Co., Cementon, N. Y.
Catskill Fdry. & Mach. Co., Catskill, N. Y.
Cattaraugus Cutlery Co., Little Valley, N. Y.
Cattie Bros. Co., galvanizing & tinning, 1706 N. Howard, Philadelphia, Pa.
Catton-Neill Co., Ltd., mill & facty. supplies, Honolulu, Hawaii.
Cauble, H. W., cornices, 666 W. 63d, Chicago, Ill.
Caughlin, T. P., contractor, 30 N. La Salle, Chicago, Ill.
Cauldwell, Wingate Co., contractors, 381 4th av, New York.
Caulkins, H. J., & Co., china kilns, State & Griswold, Detroit, Mich.
Caulkins, W. E. & Son, contractors, Hartford, Conn.
Caummisar, T. C., & Sons, corn brooms, excelsior mfrs., Louisville, Ky.
Cauter, E. A., pocket knife cases, 204 Church, New York.
Cauthen, T. M., lumber, Waldo, Fla.
Cavagnaro, Jno. J., textile machy., etc., Harrison, N. J.
Cavanagh Bros. & Co., wholesale hdwe., 89 Warren, New York.
Cavanaugh, C., masons' & bldrs., matls., Carbondale, Pa.
Cavanaugh, J. H., & Sons, lumber, Anacortes, Wash.
Cavanaugh-Linn Co., contractors, Citizens Bldg., Cleveland, Ohio.
Cavanaugh Packing Co., meat, Muncie, Ind.
Cavanaugh, Thos. L., contractor, 288 Catherine, Detroit, Mich.
Cave Welding & Mfg. Co., oxy-acetylene welding app. & supps., 32 Liberty, Springfield, Mass.
Cavicchi Polishing Mach. Co., floor surfacing machs., Quincy, Mass.
Caward, R. S., agricultural implements, grubbing machines, etc., Cresco, Ia.
Cawley, Clarke & Co., color mfrs. & imptrs., 272-280 Passaic, Newark, N. J.
Cawley, Edw., masons' & bldrs.' matls., Lowell, Mass.
Cawn Mining & Mfg. Co., paint mfrs., Canton, Ohio.
Cawood Novelty Mfg. Co., advtg. novelties, fly killers, Danville, Ill.
C-A-Wood-Preserver Co., Wright Bldg., St. Louis, Mo.
Caw's Pen & Ink Co., 76 Duane, New York.
Cawthon, N. W., flour, Holly Springs, Miss.
Caxton School Supply Co., school furniture & blackboards, 560 W. Monroe, Chicago, Ill.
Cayce Milling Co., flour, Cayce, Ky.
Cayuga Cement Corp., Portland Point, N. Y.
Cayuga Linen & Cotton Mills, Auburn, N. Y.
Cayuga Milling Co., feed, Cayuga, Ind.
Cayuga Packing & Mfg. Co., Cayuga, Ind.
Cayuta Mfg. Co., machsts. & fndrs., Sayre, Pa.
Cazanas, Nickoloas, contractor, Lowell, Mass.
Cazenovia Canning Co., Cazenovia, N. Y.
C. & B. Clay Co., fire brick, Canton, Ohio.
C. C. C. Fire Hose & Rubber Co., Canton Junction, Mass.
C. & C. Electric & Mfg. Co., Garfield, N. J.
Cecil, D. K., contractor, Lexington, N. Car.
Cedar Bluff Marble Co., Knoxville, Tenn.
Cedar Bluff Roller Mills, flour, Cedar Bluff, Va.
Cedar Bluff Woolen Co., blankets, & Flannels, Cedar Bluff, Va.
Cedar City Mills, flour, Lebanon, Tenn.
Cedar Falls Canning Co., Cedar Falls, Ia.
Cedar Falls Mfg. Co., cotton sheetings, Cedar Falls, N. C.
Cedar Glenn Canning Co., Bedford, Va.
Cedar Grove Mfg. Co., cotton towels, 65th av & 21st, Phila., Pa.
Cedar Hill Roller Mill, flour mills, Cedar Hill, Tenn.
Cedar Products Co., pencil timber, Alton Park, Tenn.
Cedar Rapids Brick Co., Cedar Rapids, Ia.
Cedar Rapids Canning Co., Cedar Rapids, Ia.
Cedar Rapids Carriage Works, Cedar Rapids, Ia.
Cedar Rapids Cornice Co., Cedar Rapids, Ia.
Cedar Rapids Fndry. & Mach. Co., Cedar Rapids, Ia.
Cedar Rapids Lumber Co., Cedar Rapids, Ia.
Cedar Rapids Pump Co., Cedar Rapids, Ia.
Cedar Rapids Sash & Door Co., Cedar Rapids, Ia.
Cedar River Lumber Co., 914 Plymouth Bldg., Minneapolis, Minn.
Cedar Shingle Co., lumber, Elbe, Wash.
Cedar Springs Mfg. Co., lumber, Adairsville, Ga.
Cedar-Sweep Co., sweeping compound, Los Angeles, Cal.
Cedarburg Canning Co., Cedarburg, Wis.
Cedarburg Wire & Wire Nail Co., Cedarburg, Wis.
Cedarburg Woolen Mills, woolen blankets, Cedarburg, Wis.
Cedarine Co., furn. polish, Clinton, N. Y.
Cedaroleum Co., soap (liquid), rust preventives, Perkinsville, Vt.
Cedarstrand, Aug., & Co., contractors, 984 Central av, Minneapolis, Minn.
Cedartown Fdry. & Mach. Co., Cedartown, Ga.
Cedartown Iron Co., blast furnaces, Cedartown, Ga.
Cederberg, J. O., Jr., architect, Endicott, St. Paul, Minn.
Cederburg & Van Kirk, archts., Endicott Bldg., St. Paul, Minn.
Ceiro Pasco Mining Co., 15 Broad, New York.
Celina Brick Mfg. Co., Celina, Ohio.
Celina Machine Works, Celina, Ohio.
Celina Mfg. Co., machinists, Celina, O.
Celina Mill & Elevator Co., flour, Celina, Tex.
Celina Specialty Co., metallic furniture, Celina, O.
Celina Stearic Acid Co., Celina, Ohio.
Celite Products Co., insulation, Van Nuys bldg., Los Angeles, Cal.
Cell Drier Machine Co., machsts. & fndrs., Taunton, Mass.
Cella, John B., architect, 738 Broad, Jersey City, N. J.
Celluloid Co., celluloid mfrs., 36 Washington pl., New York.
Celluloid Starch Co., 43 W. 36th, New York.
Celluloid Zapon Co., lacquer & enamels mfrs., 200 5th av, New York.
Ceman, Julius F., contractor, Berlin, Wis.
C. & E. Mfg. Co., machsts. & fndrs., Marshalltown, Ia.
Cement Casket Mfg. Co., Albion, Mich.
Cement & Engng. News, trade publication, 610 S. Dearborn, Chicago, Ill.
Cement Era Publishing Co., 538 S. Clark, Chicago, Ill.
Cement-Gun Co., Allentown, Pa.
Cement-Gun Construction Co., 914 S. Michigan av, Chicago, Ill.
Cement & Lime Products Co., Denver, Colo.
Cement Machy. Co., Jackson, Mich.
Cement Products Co., tanks, septic, Wilmington, N. C.
Cement Stave Silo Co., Des Moines, Ia.

Cement Tile Machy. Co., Waterloo, Ia.
Cement World, trade publication, 53 W. Jackson blvd, Chicago, Ill.
Centadrink Filters Co., 1440 B'way, New York.
Centaur Lime Co., Centaur Station, Mo.
Centennial Mill Co., farina, Seattle, Wash.
Centennial Mill Co., feed, Avoca, Ia.
Center Point Canning Co., Center Point, Ia.
Center Shaft Penholder Co., Hanover, Pa.
Centerpoint Roller Mill Co., flour, Centerpoint, Tex.
Centerville Brick Co., Centerville, Ia.
Central Archl. Iron Wks., 53 W. Jackson blvd, Chicago, Ill.
Central Asbestos & Magnesia Co., 214 W. Grand av., Chicago, Ill.
Central Auto Body Co., 15 Orchard, Hartford, Conn.
Central Bag Mfg. Co., burlap & cotton bags, 3622 Iron, Chicago, Ill.
Central Belting Co., 41 W. 21st, New York.
Central Boiler & Supply Co., Grand Rapids, Mich.
Central Boiler Works, tanks, smoke stacks, etc., 3d & Congress, Detroit, Mich.
Central Box Board Co., 43d & Racine av, Chicago, Ill.
Central Brass Co., fndrs., New Haven, Conn.
Central Brass & Fixture Co., machsts. & fndrs., Springfield, O.
Central Brass Fdry., 109 S. Clinton, Chicago, Ill.
Central Brass Foundry, Toledo, O.
Central Brass Mfg. Co., plumbers' supplies, 6206 Cedar av, S. E., Cleveland, Ohio.
Central Brass Stamping Co., hose couplings, lawn sprinklers, etc., Peoria, Ill.
Central Brass Wks. Co., fndrs., Kansas City, Mo.
Central Bronze & Brass Fdry., 714-716 Cherry, Phila., Pa.
Central Broom Co., Jefferson City, Mo.
Central Building Co., contrs., 58 Front, Worcester, Mass.
Central Burglar Alarm Co., time switches, 501 Rush, Chicago, Ill.
Central California Canneries, San Francisco, Cal.
Central Casket Co., Buffalo, N. Y.
Central Chandelier Co., elec. light fixture mfrs., 1547 Fulton, Chicago, Ill.
Central Chandelier Co., 224 Centre, New York.
Central Chemical Co., 115 W. Washington, Chicago, Ill.
Central Chemical Co., fertilizer mfrs., Hagerstown, Md.
Central City Bolt Co., Syracuse, N. Y.
Central City Brick Mfg. Co., Central City, Ky.
Central City Bung Co., wooden plugs, Huntington, W. Va.
Central City Chemical Co., fumigators, 1752 Kimball av, Chicago, Ill.
Central City Lumber & Mfg. Co., Central City, Ky.
Central City Paving Co., contrs., Union Bldg., Syracuse, N. Y.
Central City Wheel Wks., Syracuse, N. Y.
Central Clay Products Co., brick, North Tonawanda, N. Y.
Central Coal & Coke Co., Keith & Perry Bldg., Kansas City, Mo.
Central Coal & Lbr. Co., Houston, Tex.
Central Commercial Co., asphalt, rosin, silica mfrs., 111 N. Market, Chicago, Ill.
Central Concrete Const. Co., contrs., Louisville, Ky.
Central Construction Co., 228 Southampton, Boston, Mass.
Central Constr. Co., Sheboygan, Wis.
Central Constr. & Supply Co., asphalt paving contrs., Harrisburg, Pa.
Central Contracting Co., contractors, Keystone Bldg, Pittsburgh, Pa.
Central Cornice & Roofing Wks., Decatur, Ill.
Central Cornice & Skylight Wks., Irvington, N. J.
Central Cornice Wks., 336 W. 37th, New York.
Central Cornice Wks., 345 N. Frazer, Philadelphia, Pa.
Central Cotton Oil Co., Jackson, Miss.
Center County Lime Co., Bellefonte, Pa.
Central Cut Glass Co., 1114 E. 63d, Chicago, Ill.
Central Cypress Co., lumber, Centralia, Fla.
Central Distributing Co., mill & facty. supplies, 316 Harper, Detroit, Mich.
Central Door & Lbr. Co., 481 Glisan, Portland, Ore.
Central Dredging Co., Swetland Bldg., Cleveland, Ohio.
Central Dry Plate Co., 1811 Arsenal, St. Louis, Mo.
Central Dyestuff & Chemical Co., Newark, N. J.
Central Electric Co., lighting systems, plugs & receptacles, 320 S. 5th av, Chicago, Ill.
Central Engineering Co., Davenport, Ia.
Central Fertilizer Co., Midville, Ga.
Central Flatiron Mfg. Co., gas & sad irons, Johnson City, N. Y.
Central Fdry. Co., Ft. Wayne, Ind.
Central Fdry. Co., grey iron castings, 338 N. May, Chicago, Ill.
Central Fdry. Car Co., Irvona, Pa.
Central Fdry. Co., Hamilton, Ohio.
Central Fdry. Co., Marshalltown, Ia.
Central Foundry Co., pipe mfrs., 90 West, New York.
Central Fdry. Co., Webb City, Mo.
Central Foundry Supply Co., P. O. Box 945, Columbus, Ohio.
Central Frog & Switch Co., Cincinnati, Ohio.
Central Gas & Electric Fixture Mfg. Co., 805 Vincent av, N. E., Cleveland, Ohio.
Central Georgia Guano Co., Milledgeville, Ga.
Central Georgia Plumbing & Heating Co., Macon, Ga.
Central Glass Works, Wheeling, W. Va.
Central Granite Co., Barre, Vt.
Central Hard Fibre Co., W. Somerville, Mass.
Central Hardware & Harness Co., Ironton, Ohio.
Central Hardware & Supply Co., Patton, Pa.
Central Illinois Light Co., 316 S. Jefferson, Peoria, Ill.
Central Iron & Coal Co., 90 West, New York.
Central Iron & Steel Co., steel plate mfrs., Harrisburg, Pa.
Central Iron Wks., 939 W. Lake, Chicago, Ill.
Central Iron Wks., 420 E. 48th, New York.
Central Iron Works, 631 Florida, San Francisco., Cal.
Central Ky. Carriage Co., Danville, Ky.
Central Knitting Co., sweaters, cardigans, etc., 772 Madison, Brooklyn, N. Y.
Central Lake Canning Co., Central Lake, Mich.
Central Leather Co., sole leather mfrs., 17 Battery pl, New York.
Central Loose Leaf Co., Benton Harbor, Mich.
Central Lumber Co., mouldings, brackets, etc., Chattanooga, Tenn.
Central Lumber Co., Williamson Bldg., Cleveland, Ohio.
Central Lumber Co., Hudson, Wis.
Central Lumber Co., Jackson, Tenn.
Central Lbr. Co., Mentone, Ind.
Central Lbr. Co., 838 McKnight Bldg., Minneapolis, Minn.
Central Lbr. Co., Reading, Pa.
Central Mach. Co., paper cutting & printing press machs., etc., Niagara Falls, N. Y.
Central Machine Co., machsts., 710 Cherry, Philadelphia, Pa.
Central Mach. Elec'l Repair Shop, Portsmouth, Ohio.
Central Mach. & Supps. Co., terminals & tips, 148 Chambers New York.
Central Machine & Tool Co., Toledo, Ohio.
Central Mach. Wks., Indianapolis, Ind.
Central Machine Works, Los Angeles, Cal.
Central Machine Works, special machinery & tools, 12th & Tyler, St. Louis, Mo. *See adv index at end of book*
Central Mach. Wks. & Auto Co., Sioux City, Iowa.
Central Machine Wks. Co., 1234 Central Av., Minneapolis, Minn.
Central Machy. Mfg. Co., machsts., Los Angeles, Cal.
Central Mfg. Co., auto. bodies & seats, Connersville, Ind.
Central Mfg. Co., desk mfrs., 454 Armour, Chicago, Ill.
Central Mfg. Co., masons' & bldrs.' matls., Macon, Ga., & Roanoke, Va.
Central Mfg. & Lumber Co. (Ltd.), S. Salcedo & Perdide, New Orleans, La.
Central Metal & Supply Co., plumbers supplies, wholesale, 609 E. Lombard, Baltimore, Md.
Central Mill & Elevator Co., Council Hill, Okla.
Central Mills Co., cordage & twine, Southbridge, Mass.
Central Mosaic & Tile Co., Memphis, Tenn.
Central Motor Co., machsts., Hamilton, Ohio.
Central Neb. Millwork Co., sashes, doors & blinds, Hastings, Neb.
Central N. Y. Concrete Co., Inc., 100 State, Albany, N. Y.
Central Oil & Gas Stove Co., Gardner, Mass.
Central Oolitic Stone Co., Bloomington, Ind.
Central Optical Co., optical goods, Southbridge, Mass.
Central Paint & Glass Co., 30 Cadillac sq., Detroit, Mich.
Central Paint & Supply Co., Ry. Exch. Bldg., St. Louis, Mo.
Central Paper Co., Muskegon, Mich.
Central Paper & Tablet Co., Indianapolis, Ind.
Central Paving Co., contractors, 179 W. Washington, Chicago, Ill.
Central Penna. Lumber Co., Williamsport, Pa.
Central Planning Mill & Lumber Co., Louisville, Ky.
Central Plumbers' Supply Co., 252 Pearl, New York.
Central Products Co., correction salts, 1352 Wells, Chicago, Ill.
Central Radiator Co., Lansdale, Pa.
Central R'way Signal Co., flags, First National Bk. Bldg., Pittsburgh, Pa.
Central Refining Co., oils, petroleum & its products, Lawrenceville, Ill.
Central Rubber Co., mechanical rubber goods, 154 N. 7th, Philadelphia, Pa.
Central Rubber & Supply Co., steam fitters supplies, 201 N. West, Indianapolis, Ind.
Central Sash & Door Co., Topeka, Kans.
Central Sheet Metal Wks., 260 E. 78th, New York.
Central Silica Co., Zanesville, Ohio.
Central Smelting & Refining Co., Borden av & Haywood, Long Island City, N. Y.
Central Soap Mfg. Co., 2671 E. 75th, Cleveland, Ohio.
Central Specialty Co., castings, 1653 St. Aubin av, Detroit, Mich.
Central Specialty Mfg. Co., machsts., 508 S. Peoria, Chicago, Ill
Central Stamping Co., enameled, galvanized & tinware mfrs., 172 Fulton, New York.
Central States Bridge Co., 601 Beecher, Indianapolis, Ind.
Central States Canning Co., Indianapolis, Ind.
Central Station, trade publication, 62 Park Row, New York.
Central Station Steam Co., meters separators, traps, steam, etc., 710 Woodbridge, E. Detroit, Mich.
Central Steel Co., Massillon, O.
Central Steel & Wire Co., cold rolled steel, rounds, squares, hexagons & flats, 127 No. Peoria, Chicago, Ill.
Central Supply Co., heating contr., steam fitters' supplies, Worcester, Mass.
Central Supply Co., janitors' supplies, 28 S. William, New York. York.

Central Supply Co., mill & facy. supplies, Little Rock, Ark.
Central Supply Co., mill & factory & plumbers' supplies, jobbers, 312 S. 3rd, Minneapolis, Minn.
Central Supply Co., plumbers' supplies, jobbers, Indianapolis, Ind.
Central Tel. & Elec. Co., bicycle lamps, 310 N. 11th, St. Louis, Mo.
Central Tool & Die Co., Dayton, O.
Central Tube Co., Pittsburgh, Pa.
Central Unadilla Silo Co., Des Moines, Ia.
Central Valley Machy., Well & Supply Co., Belleville, Ill.
Central Veneer Co., Huntington, W. Va.,
Central Veneer Co., Indianapolis, Ind.
Central Warehouse Lumber Co., Phillsbury and Territorial, Minneapolis, Minn.
Central Wheel & Mfg. Co., toys, games & novelties, Sturgis, Mich.
Central Wire & Iron Wks., wire guards, enclosures, partitions, railings, etc., Des Moines, Iowa.
Central Wire & Iron Wks., Indianapolis, Ind.
Central Wire & Iron Wks., 813 S. 7th, St. Louis, Mo.
Central Wood Turning Co., book cases, 610 N. E. Main, Minneapolis, Minn.
Central Woodworking Co., sash door & blind mfrs., 113 Central av, Newark, N. J.
Centralia Envelope Co., Centralia, Ill.
Centralia Pulp & Water Paper Co., Grand Rapids, Wis.
Centralized Ball Mill Co., Monadnock Bldg., San Francisco, Cal.
Centre Foundry & Machine Co., castings, 2011 Main, Wheeling, W. Va.
Centrifugal Pump Co., 434 Canal, New York.
Century Button Wks., 25 W. 38th, New York.
Century Cement Machine Co., Rochester, N. Y.
Century Constr. Co., airplane parts & supps., Buffalo, N. Y.
Century Cork Co., 220 W. 19th, New York.
Century Electric Co., machsts., 19th & Pine, St. Louis, Mo.
Century Elec'l Co., instruments, Syracuse, N. Y.
Century Fuel Co., silica sand, 328 W. 37th, Chicago, Ill.
Century Iron Co., 1453 Niagara, Buffalo, N. Y.
Century Machine Co., bakers' machinery, Winton pl, Cincinnati, Ohio.
Century Mfg. Co., automobile bldrs., stor. battery trucks, 11 Ferry av, W. Detroit, Mich.
Century Mfg. Co., carriages, East St. Louis, Ill.
Century Mfg. Co., draughting tables, Cleveland, Ohio.
Century Mfg. Co., fndrs., 453 Canal, New York.
Century Mfg. Co., waterproofing materials, varnish, 272 W. Genesee, Buffalo, N. Y.
Century Materials Co., cattle guards for rys., Monadnock Blk., Chicago, Ill,
Century Metal Spinning & Stamping Co., 49 Elizabeth, New York.
Century Ornamental Glass Co., 5039 Delmar, St. Louis, Mo.
Century Pen Co., Whitewater, Wis.
Century Plainfield Tire Co., tires, North av, Plainfield, N. J.
Century Pump Co., 719 6th, Brooklyn, N. Y.
Century Pump Wks., Carthage, Mo.
Century Stained Glass Works, memorial windows, 212 S. 11th, Phila., Pa.
Century Stearic Acid Candle Wks., 380 South, New York.
Century Steel Co. of America., Poughkeepsie, N. Y.
Century Stove & Mfg. Co., Johnstown, Pa.
Century Telephone Const. Co., Buffalo, N. Y.
Century Tool & Metal Co., welding compounds & plates, 180 N. Market, Chicago, Ill.
Century Varnish Co., 272 W. Genesee, Buffalo, N. Y.
Century Ventilating Co., 257 3d av, New York.
Ceppi, A., Co., picture frame moldings, 101 B'way Exch., Boston, Mass.
Ceramic Mach. Co., Hamilton, Ohio.
Ceramic Supply & Construction Co., gas producers, Columbus, Ohio.
Cereal Food Co., canned, Peoria, Ill.
Cereal Mills Co., flour, Wausau, Wis.
Cereghino, D., machsts., 4445 Mission, San Francisco, Cal.
Ceresit Waterproofing Co., 110 S. Dearborn, Chicago, Ill.
Cerny, J., architect, 1444 S. Crawford av, Chicago, Ill.
Cerny-Pickas & Co., archl. iron, 3321 S. Crawford av, Chicago, Ill.
Cerro Gordo Mines Co., ores, 1st Nat'l Bank Bldg., San Francisco, Cal.
Cerro de Pasco Mining Co., 15 Broad, New York.
Certain-teed Products Corp., roofing, paints, etc., St. Louis, Mo.
Cervin, Olof Z., architect, Rock Island, Ill.
Cevasco, Cavagnaro & Ambrette, macaroni machinery manfrs., 156 6th, Brooklyn, N. Y.
Chace, Andrew R., granite, E. Providence, R. I.
Chace, Leonard S., mill & facty. supplies, Fall River, Mass.
Chace Mills, shade cloth mfrs., Fall River, Mass.
Chadborn & Coldwell Mfg. Co., lawn mowers & trimmers, Newburgh,N. Y.
Chadbourn Lbr. Co., Wilmington, N. C.
Chadbourne & Moore, webbing, Chelsea, Mass.
Chadbourne-Walker Machine Screw Co., 100 Sudbury, Boston, Mass.
Chadburn Economy Burner Co., water heaters, Savings Bank Bldg., Newburgh, N. Y.
Chadburn & Edwards, contractors, Yonkers, N. Y.
Chadburn, M. J., carriages, Yonkers, N. Y.
Chadeloid Chemical Co., paint remover, 100 William, New York.
Chadwick-Boston Lead Co., 162 Congress, Boston, Mass.
Chadwick & Caffrey, oils, Beaufort, N. C.
Chadwick Engineering Wks., Pottstown, Pa.
Chadwick-Hoskins Co., cotton sheetings, Charlotte, N. C.
Chadwick, J. & Bros., cotton thread, ft. of Lembeck av, Jersey City, N. J.
Chadwick, L. L., contractor, 112 E. Lake, Minneapolis, Minn.
Chadwick & Morris, who. h'dwe., Lockport, N. Y.
Chadwick & Sykes, contractors, Crocker Bldg., San Francisco, Cal.
Chadwick & Trefethen, mill & facty. supplies, Portsmouth, N. H.
Chadwick, W. H., brick, Dayton, Ohio.
Chadwick, W. W., brick & tile, Condit, Ohio.
Chafer Co., htg. contrs., 431 Champlain av, N. W., Cleveland, Ohio.
Chaffee Bros. Co., packing boxes & box shooks, cloth boards, store trunks, etc., Oxford, Mass.
Chaffee Mfg. Co., cable cords, fish line mfrs., Willimantic, Conn.
Chaffee, Thos. K., Co., paint mfrs., 115 Wickendon, Providence, R. I.
Chaffin Bros., stone prod., Kokomo, Ind.
Chafflee's, F., Sons, lbr., Rutland, Vt.
Chafin, J. B., architect, Washington, Fla.
Chaille, D., Jr., architect, Laredo, Tex.
Chain Belt Co., 736 Park, Milwaukee, Wis.
Chalfant, A. M., masons' & bldrs. matls., Sharpsburg, Pa.
Challenge Co., agricultural implements, Batavia, Ill.
Challenge Cutlery Corp., Bridgeport, Conn.
Challenge Machine Co., dressers & guards (emory wheel), 5116 Springfield av, Phila., Pa.
Challenge Machy. Co., Grand Haven, Mich.
Challenge Refrigerator Co., Grand Haven, Mich.
Challenge Tube Cleaner Co., 63 Market, Lowell, Mass.
Challoner Co., machsts. & fndrs., Oshkosh, Wis.
Chalmers Chem. Co., paint & varnish remover, 115 Chestnut, Newark, N. J.
Chalmers, Harvey & Son, pearl buttons, Amsterdam, N. Y.
Chalmers, J. W., architect, 228 W. 4th, Los Angeles, Cal.
Chalmers Mfg. Co., castings, Lima, O.
Chalmers-Williams Mfg. Co., 1461 Arnold, Chicago Heights, Ill.
Chalstrom, J. E., contrs., Joliet, Ill.
Chamberlain, A. P., stone, Denison, Tex.
Chamberlain Co., drain pipe cleaners, 305 Penn av, Pittsburgh, Pa.
Chamberlain Constr. Co., Seattle, Wash.
Chamberlain, F. R., & Co., masons' & bldrs.' matls., Wellsville, N. Y.
Chamberlain, G. Howard, architect, 18 S. B'way, Yonkers, N. Y.
Chamberlain, J. H. D. Co., metal spec., rotary engines, water reg., etc., Springfield, Mass.
Chamberlain, J., & Sons, contractors, Asbury Park, N. J.
Chamberlain, John G., masons' & bldrs.' matls., Bordentown, N. J.
Chamberlain Mach. Works, Waterloo, Ia.
Chamberlain, R. T., & Sons, contractors, 142 E. 5th, So., Salt Lake City, Utah.
Chamberlin Cartridge & Target Co., ammunition, Cleveland, Ohio.
Chamberlin Co., advtg. counsellors, Kresge Bldg., Detroit, Mich.
Chamberlin, E. B., & Co., fertilizer mfrs., Highstown, N. J.
Chamberlin, James B., architect, Newtown, Pa.
Chamberlin & Johnson, sealing wax, 1238 Voskamp, Pittsburgh, Pa.
Chamberlin Metal Weather Strip Co., 109 3d av, Detroit, Mich.
Chamberlin, O. N., architect, Schofield Bldg., Cleveland, Ohio.
Chamberlin Rubber Co., Rochester, N. Y.
Chambers, A. J., contractor, Millville, N. J.
Chambers, A. Reeder, fire brick, clay, etc., Trenton, N. J.
Chambers, B. W., contrs., 737 S. St. Clair, Toledo, O.
Chambers & Barnes, contrs., Rochester, N. Y.
Chambers, Bering, Quinlan Co., agricultural implements, & soldering irons, Decatur, Ill.
Chambers Bros. Co., brick & clay wkg. machy., 52nd below Lancaster av, Phila., Pa.
Chambers, F. M., contrs., Rock Island, Ill.
Chambers, Geo., contractors, Powers Bldg., Rochester, N. Y.
Chambers, Henry, contr,, 6475 Frankstown av, Pittsburgh, Pa.
Chambers, J. B., contractor, Youngstown, Ohio.
Chambers, J. H., lumber, Cottage Grove, Ore.
Chambers Mfg. Co., gas stoves & ranges, Shelbyville, Ind.
Chambers, M. W., broom corn, Dayton, Ohio.
Chambers, S. K., & Bro., masons' & bldrs.' matls., West Grove, Pa.
Chambers & Son, contractors, Chattanooga, Tenn.
Chambers, Walter B., architect, 109 Broad, New York.
Chambers, W. H., & Son, contrs., Newcastle, Pa.
Chambersburg Engng. Co., machinery mfrs., Chambersburg, Pa.
Chambley, Alex., contractor, 243 S. 10th, Philadelphia, Pa.
Champaign Bros., machsts., Ithaca, N. Y.
Champion Bed Spring Co., E. 37th, Cleveland, Ohio.
Champion Blower & Forge Co., Lancaster, Pa.
Champion Brass Works, machsts. & fndrs., Coldwater, Mich.
Champion Brick Co., 206 Courtland, Baltimore, Md.
Champion Brick Co., Mechanicsville, N. Y.

Champion Bridge Co., Wilmington, Del.
Champion Button-Hole Mach. Co., 641 Atlantic av, Boston, Mass.
Champion Button Wks., 104 W. 30th, New York.
Champion Carbon Co., dry batteries, 1st National Bank Bldg., Cincinnati, Ohio.
Champion Chemical Wks., chloride of lime, lye, 19 W. Austin, Chicago, Ill.
Champion Coated Paper Co., paper & pulp mills, Hamilton, Ohio.
Champion Compound Co., boilers, Lehigh av & Mutter, Phila., Pa.
Champion Drill Co., Avon, N. Y.
Champion Evaporator Co., Hudson, Ohio.
Champion Fibre Co., Hamilton, Ohio.
Champion Foundry Machinery Co., riddles, 2435 W. 14th, Chicago, Ill.
Champion Hdwe. Co., Geneva, Ohio.
Champion Horse Shoe Co., Pawtucket, R. I.
Champion Ignition Co., spark plugs, Flint, Mich.
Champion International Co., paper & pulp mills, Lawrence, Mass.
Champion Iron Co., machsts. & fndrs., Kenton, Ohio.
Champion Iron & Wire Wks., Omaha, Neb.
Champion Iron Works, Kenton, Ohio.
Champion L'br. Co., Orvisburg, Miss.
Champion & Levien, Inc., contrs., 48 E. 10th, New York.
Champion Machine & Forging Co. (The), drop forgings, 3690 E. 78th, Cleveland, O. *See adv index at end of book.*
Champion Machy. Co., Joliet, Ill.
Champion Mfg. Co., bolt, nut & rivet mfrs., 7332 Kimbark av, Chicago, Ill.
Champion Mfg. Co., machsts. & fndrs., Rocky Hill, Conn.
Champion Mfg. Co., water cooling radiators, 552 Golden Gate av, San Francisco, Cal.
Champion Metal Deather Strip & Parting Bead Co.., 12 Columbia, Boston, Mass.
Champion Milk Cooler Co., Cortland, N. Y.
Champion Motors Co., Fulton, N. Y.
Champion Oil Co., 633 W. 39th, Chicago, Ill.
Champion Paper Co., Carthage, N. Y.
Champion Paper Cutter Co., Piqua, Ohio.
Champion Potato Machinery Co., Hammond, Ind.
Champion Rivet Co., Harvard av & E. 108th, Cleveland, Ohio.
Champion Shoe Machinery Co., 3727 Forest Pk. blvd., St. Louis, Mo.
Champion Silk Co., silk thread, Pottstown, Pa.
Champion Spark Plug Co., Toledo, Ohio.
Champion Stove Co., 4001 W. 25th, Cleveland, Ohio.
Champion, Thomas E., canned goods, Normal, Ill.
Champion Tool Co., machinists, Meadville, Pa.
Champion Tool & Handle Co., log hooks, Evart, Mich.
Champion Tool Works Co., lathes, 4955 Spring Grove av, Cincinnati, Ohio.
Champion Wagon Co., auto. wood bodies & storage battery trucks, Owego, N. Y.
Champion Washing Machine Co., Cincinnati, Ohio.
Champion Wire & Iron Wks., bk. & office railings, Louisville, Ky.
Champlain Mfg. Co., interior finish, Burlington, Vt.
Champlin Hardware Co., Enid, Okla.
Champlin, Wm. H., lbr., packing boxes, Rochester, N. H.
Champney, E. F., architect, Henry Bldg., Seattle, Wash.
Chance, Geo. W., architect, 47 W. 34th, New York.
Chance, Geo. Whitefield, architect, Harrison Bldg., Phila., Pa.
Chance Mfg. Co., arresters & guy anchors, Centralia, Mo.
Chancellor Hardware Co., Parkersburg, W. Va.
Chancellor, S. D., rims & felloes, Wilmington, Ohio.
Chance's, R. C., Sons, canned goods, 122 Pine, Philadelphia, Pa.
Chandle, H. P., Sons Co., household specialties, mfrs., Baltimore, Md.
Chandlee, Ira W., canned goods, Slab, Pa.
Chandler & Ballard Co., canned goods, Exmore, Va.
Chandler & Barber Co., whol. hdwe., 124 Summit, Boston, Mass.
Chandler Bros., lbr., New Gloucester, Me.
Chandler, Chas. H., architect, Topeka, Kan.
Chandler & Co., masons' & bldrs.' matls., Knoxville, Tenn.
Chandler Co., name plates & light stampings, Springfield, Mass.
Chandler Construction Co., 31 State, Boston, Mass.
Chandler, E. L., Co., lumber, Barton Landing, Vt.
Chandler & Farquhar Co., whol. hdwe., machsts., mill & facty. supplies, belt shifters, wire straightening machy., etc., 36 Federal, Boston, Mass.
Chandler, Francis W., archit., 195 Marlborough, Boston, Mass.
Chandler, Geo. M., ties, poles & posts, Onaway, Mich.
Chandler, Geo. M., Co., gen'l. contractors, 1523 W. Market, Indianapolis, Ind.
Chandler, H. S., architect, 73 Newbury, Boston, Mass.
Chandler Mach. Co., Ayer, Mass.
Chandler Mach. Co., Kokomo, Ind.
Chandler & Maps, masons' & bldrs.' matls., Long Branch, N. J.
Chandler & Morse, mill & facty. supplies, Putnam, Conn.
Chandler Motor Car Co., E. 131st & St. Clair av, Cleveland, O.
Chandler Oil Cloth & Buckram Co., East Taunton, Mass.
Chandler & Park, architects, 400 S. Main, Racine, Wis.
Chandler & Price Co., machy. (presses), Cleveland, Ohio.
Chandler Pump Co., Cedar Rapids, Ia.
Chandler Pumps Co., machinists, Kansas City, Mo.
Chandler, T. P., architect, 328 Chestnut, Philadelphia, Pa.
Chandler & Taylor Co., machsts. & fndrs., Indianapolis, Ind.
Chandler, W. G., architect, Marshfield, Ore.
Chandley Co., mattresses, Worcester, Mass.
Chanel, A. B., architect, Battle Creek, Mich.
Chaney Mfg. Co., barometers, thermometers, Springfield, Ohio.
Channell Chemical Co., floor & furniture polish, 1419 Carroll av, Chicago, Ill.
Channon & Dufva, mill & facty., plumbers' & steam fitters' supplies, Rock Island, Ill.
Channon-Emery Stove Co., founders, Quincy, Ill.
Channon, H., Co., contrs.' tools & mill & facty. & steam fitters' supplies, 150 N. Market, Chicago, Ill.
Channon, James H., Mfg. Co., contractors' & railway supplies, 227 W. Erie, Chicago, Ill.
Chanslor & Lyon Co., auto. tops, Los Angeles, Cal.
Chantrell Hardware & Tool Co., hardware mfrs., Reading, Pa.
Chanute Brick & Tile Co., Chanute, Kan.
Chanute Cement Co., Chanute, Kan.
Chanute Lumber Co., Chanute, Kan.
Chanute Refining Co., petroleum, Chanute, Kan.
Chaparra Sugar Co., 129 Front, New York.
Chapel, A. M., Machine Co., Pittsfield, Mass.
Chapel Mills Mfg. Co., woolen flannels, Cherry Valley, Mass.
Chapin, Chas. E., Co., brushes, 201 Fulton, New York.
Chapin Co., dairy feed, Hammond, Ind.
Chapin, E. T., Co., ties, poles, etc., Spokane, Wash.
Chapin, Edwin T., architect, State Mutual Bldg., Worcester, Mass.
Chapin & Gould Paper Co., Springfield, Mass.
Chapin, Louis S., leaded glass, Rochester, N. Y.
Chapin, R. E., Mfg. Wks., oil cabinets, cans, pumps, tanks, etc., Batavia, N. Y.
Chapin, Richard S., architect, 1127 Helen av, Detroit, Mich.
Chapin-Stephens Co., carpenters', coopers' tools, gauges, levels, screw drivers, etc., Pine Meadow, Conn.
Chapler, Elijah C., architect, Atkinson, Ill.
Chapin, Benj. M., Co., contrs., Morgantown, W. Vo.
Chaplin-Fulton Mfg. Co., gas regulating valves, 28 Penn av, Pittsburgh, Pa.
Chapline Construction Co., Victoria Bldg., St. Louis, Mo.
Chapline, John, architect, Clearfield, Pa.
Chapman & Bangs Co., wholesale hdwe., Bridgeport, Conn.
Chapman & Brooks Co., whol. hdwe. & mill & facty. supplies, Springfield, Mass.
Chapman Bros., contractors, Humboldt & M. C. R., Detroit, Mich.
Chapman, C. A., Inc., mill engineer & paper & pulp mill architect, 28 Jackson blvd., E., Chicago, Ill.
Chapman, C. Bayless, architects, 84 S. 10th, Minneapolis, Minn.
Chapman, C. L., Cream Separator Wks., Erie, Pa.
Chapman, C. W., Lumber Co., Waterloo, Ia.
Chapman, Chas., contractor, 118 N. La Salle, Chicago, Ill.
Chapman Co., cake moulds, cream dippers, egg beaters & measuring cups, etc., Geneva, N. Y.
Chapman-Cross Construction & Realty Co., Montgomery, Ala.
Chapman & Dewey Lbr. Co., Rialto Bldg., Kansas City, Mo.
Chapman, E. R. B., architect, 44 Bromfield, Boston, Mass.
Chapman, Edgar, contractor, Plant City, Fla.
Chapman Elec. Neutralizer Co., Portland, Me.
Chapman Engng. Co., gas producers, Mount Vernon, Ohio.
Chapman, F. H., Contrg. Co., 103 Park av, New York.
Chapman, F. W., contractor, Waterloo, Ia.
Chapman Fertilizer Co., Central Bldg., Los Angeles, Cal.
Chapman & Frazer, architects, 112 Water, Boston, Mass.
Chapman, George A., architect, Auditorium Bldg., Minneapolis, Minn.
Chapman & Graham, Inc., contrs., Jamestown, N. Y.
Chapman, H. B., Co., sash, door & blind, 81 Bristol, Boston, Mass.
Chapman, H. K., architect, Candler Bldg., New York.
Chapman, H. L., mfrs. gas engines, Marcellus, Mich.
Chapman Hardware Co., Durango, Colo.
Chapman, Henry Otis, architect, 335 5th av, New York.
Chapman, Hiram W., htg. contractors, 331 Vanderbilt av, Brooklyn, N. Y.
Chapman, J. L., architect, 720 Robinson av, San Diego, Cal.
Chapman Jack Co., car, screw, loco. & truck lifting jacks, 45th & Lakeside av, Cleveland, Ohio.
Chapman, Jno. C., architect, Sioux Falls, S. D.
Chapman, Josephine W., architect, 46 Washington sq., New York.
Chapman Knitting Mills, 68 E. 131st, New York.
Chapman, Lbr. Co., Welch Bldg., San Francisco, Cal.
Chapman Lbr. Co., 1322 Carbon, Syracuse, N. Y.
Chapman Mfg. Co., compounds, Ashland, Ohio.
Chapman Milling Co., flour, Sherman, Tex.
Chapman & Murphy, architects, Kampmann Bldg., San Antonio, Tex.
Chapman, P. E., armature & field coil winding machs., 10th & Walnut, St. Louis, Mo.
Chapman, P. Higbee, architect, 4061 Chouteau av, St. Louis, Mo.
Chapman Plumbing Supp. Co., 204-208 W. 3d, S. W., Canton, Ohio.
Chapman & Resnick, scrap rubber, 1361 S. Morgan, Chicago, Ill.
Chapman, Robt., & Co., contractors, 1874 Park av, New York.
Chapman, Sargent, woodenware & novelties, Perrysburg, Ohio.
Chapman Slate Co., roofing slate, Bethlehem, Pa.
Chapman & Smith Co., paste, 1017 Washington blvd, Chicago, Ill.
Chapman & Soden, roofing paper, 150 Oliver, Boston, Mass.

Chapman Stained Glass Studios, 222 Hudson av, Albany, N. Y.
Chapman Standard Slate Co., roofing slate, Philadelphia, Pa.
Chapman Steam Specialty Co., regulators, Canton, O.
Chapman-Storm Lumber Co., Morgan City, La.
Chapman, T. M., & Co., masons' & bldrs.' matls., Middlebury, Vt.
Chapman Tap & Counter Co., Haverhill, Mass.
Chapman & Tripp, masons' & bldrs.' matls., Jewett City, Conn.
Chapman Valve Mfg. Co., valve hydrant mfrs., Indian Orchard, Mass.
Chapman, W. H., foot presses, etc., 229 Mulberry, Newark, N. J.
Chapman, W. H., Co., hardware mfrs., Middletown, Conn.
Chapman, W. H., & Sons, masons' & bldrs.' matls., Wheeling, W. Va.
Chapman, W. R., & Sons, contrs., S. E. Washington av, Philadelphia, Pa.
Chapman, Wm., architect, 15 Ashburton pl, Boston, Mass.
Chapman, Wm. O., Co., stable, bank & office fix., 30 Church, New York.
Chapman's, T. M., Sons Co., machsts. & fndrs., Old Town, Me.
Chappel, Edw., Co., masons' & bldrs.' matls., Norwich, Conn.
Chappell & Bosworth, architects, 258 Broadway, New York.
Chappell, F. H. & A. H., Co., lumber mfrs., New London, Conn.
Chappell Shingle Co., lumber, Granite Falls, Wash.
Chappell-Warren Co., heating contrs., 1384 E. 6th, Cleveland, O.
Chappell, Wayvell & Co., floor surfacing machy., 358 W. Madison, Chicago, Ill.
Chapper, Frank, Iron & Wire Wks., Detroit, Mich.
Charbeneau, J. C., acetylene gas generators, Mt. Clemens, Mich.
Charcoal Iron Co. of America, pig iron, Union Trust Bldg., Detroit, Mich.
Charcoal Supply Co., 1186 Cherry av, Chicago, Ill.
Chard & Howe, lubrg. oils, 250 Front, New York.
Chard, Thornton & Walter G., architects, 101 Park av, New York.
Chard., Walter G., architect, 101 Park av, New York.
Charlebois Bros., contractors, Watertown, N. Y.
Charleroi Hard Wall Plaster Co., Speers, Pa.
Charleroi Iron Wks., Charleroi, Pa.
Charles City Engine Co., Charles City, Ia.
Charles, U. G., architect, Schweiter Bldg., Wichita, Kans.
Charles, Valentine W., architect, 428 Jefferson, Milwaukee, Wis.
Charles, Wm. B., cotton waste, Amsterdam, N. Y.
Charleston Canning Co., Charleston, Tenn.
Charleston Engineering & Contr. Co., Charleston, S. C.
Charleston Excelsior M. & B. Wks., Charleston, S. C.
Charleston Galvanzed Iron Cornice & Steel Ceiling Wks., Charleston, S. C.
Charleston Hardware Co., Charleston, W. Va.
Charleston Iron Wks., Charleston, S. C.
Charleston Lead Wks., Charleston, S. C.
Charleston Lumber Co., Charleston, W. Va.
Charleston Milling Co., flour, Charleston, Mo.
Charleston Milling & Produce Co., flour, Charleston, W. Va.
Charleston, S. C., Mining & Mfg. Co., phosphate rock, Richmond, Va.
Charleston Window Glass Co., Charleston, W. Va.
Charlesworth, G. A., machsts., Elmer, N. J.
Charlesworth, Wm., Handle Co., Fayetteville, Ark.
Charlevoix Hardware Co., cornices & skylights, Charlevoix, Mich.
Charlevoix Lumber Co., Charlevoix, Mich.
Charlevoix Rock Products Co., lime mfrs., Charlevoix, Mich.
Charlotte Bellows Works, Charlotte, N. C.
Charlotte Brick Co., Charlotte, N. C.
Charlotte Bros., machsts. & brass fndrs., Woonsocket, R. I.
Charlotte Casket Co., Charlotte, N. C.
Charlotte Coal & Supply Co., masons' & bldrs. matls., Charlotte, N. Y.
Charlotte Consolidated Constr. Co., Charlotte, N. C.
Charlotte Hardware Co., Charlotte, N. C.
Charlotte Paving Co., contrs., Charlotte, N. C.
Charlotte Pipe & Fdry. Co., Charlotte, N. C.
Charlotte Roller Mills, flour, Charlotte, Tenn.
Charlotte Supply Co., mill & facty. supplies, Charlotte, N. C.
Charlotte Wagon & Auto Co., auto. wood bodies, Charlotte, N. C.
Charlottesville Hardware Co., Charlottesville, Va.
Charlottesville Lumber Co., Charlottesville, Va.
Charlton, Chas. H., Jr., architect, Baton Rouge, La.
Charlton, J. F., architect, 730 Gravier, New Orleans, La.
Charlton, J. J., lbr. mfrs., Kettle Falls, Wash.
Charlton & Kuenzli, architects, Camp Bldg., Milwaukee, Wis., & Marquette, Mich.
Charpiot & Mills Mfg. Co., stoves, Toledo, Ohio.
Charter Gas Engine Co., Sterling, Ill.
Charter Oak Milling Co., Blac River Falls, Wis.
Charter Oak Stove & Range Co., Antelope & Conduit, St. Louis, Mo.
Charvat Anton, architect, 1801 S. Ashland av, Chicago, Ill.
Chase, A. B., Co., organs & pianos, Norwalk, Ohio.
Chase Bag Co., 8 N. Main, St. Louis, Mo.
Chase, Benj., Co., sticks (plant), Derry, N. H.
Chase, Chas. F., mill & facty. supplies, 39 Cortlandt, New York.
Chase, Chas. S., Co., masons' & bldrs. matls., Portland, Me.
Chase & Cooledge Co., mill & facty. supplies, Holyoke, Mass.
Chase, D. D., Lumber Co., Haverhill, Mass.
Chase, Edw. O., machsts., 46 Lawrence, Newark, N. J.
Chase Elec. Co., 105 S. Dearborn, Chicago, Ill.
Chase, F. A., & Co., mill & facty. supplies, 253 W. Exchange, Providence, R. I.
Chase Foundry & Mfg. Co., trucks & cars of all kinds, for all purposes, & improved road machinery, 2700 S. Parsons av, Columbus, Ohio. *See adv index at end of book.*
Chase, Frank D., architect, 122 S. Michigan av, Chicago, Ill.
Chase Furn. & Coffin Co., Dallas, Texas.
Chase Granite Co., Blue Hills, Me.
Chase, H. & L., bags & bagging, 267 Atlantic av, Boston, Mass.
Chase, H. L., canned goods, Melfa, Va.
Chase-Hackley Piano Co., Muskegon, Mich.
Chase-Hibbard Corp., flour mills, Elmira, N. Y.
Chase & Howland, mill engnrs., New Bedford, Mass.
Chase, L. C. & Co., upholstery & trimming materials, motor & railway mfrs., 89 Franklin, Boston, Mass. *See adv index at end of book*
Chase Machine Co., winches, capstans, etc., 2313 Elm, N. W., Cleveland, Ohio.
Chase Metal Works, brass & copper rods, sheet, tubing & wire mfrs., Waterbury, Conn.
Chase Motor Truck Co., 332 S. West, Syracuse, N. Y.
Chase, Parker & Co., wholesale hdwe. & mill & facty. supplies, 81 Pearl, Boston, Mass.
Chase, Roberts & Co., varnishes, enamels, lacquer, etc., West av, L. I. City, N. Y.
Chase Rolling Mill Co., brass & copper sheet rods, tubing & wire mfrs., Waterbury, Conn.
Chase, S. H., Lumber Co., San Jose, Cal.
Chase-Shawmut Co., soldering flux, paste, salts & stick, Newburyport, Mass.
Chase, Stephen, lumber mfrs., Hagedorns Mills, N. Y.
Chase Turbine Mfg. Co., saw mill machy, & water wheels, Orange, Mass.
Chase, Wm. Co., architect, 8 Marlboro, Boston, Mass.
Chase, Wm. J. J., architect, Candler Bldg., Atlanta, Ga.
Chase, Wm. R. S., architect, Holyoke Nat'l Bk. Bldg., Holyoke, Mass.
Chaska Brick & Tile Co., Ryan Bldg., St. Paul, Minn.
Chateaugay Pulp Co., Chateaugay, N. Y.
Chatfield Brass & Iron Wks. Co., Escanaba, Mich.
Chatfield Canning Co., Chatfield, Minn.
Chatfield & Chatfield, masons' & bldrs. matls., Waterbury, Conn.
Chatfield, E. S., machsts. & brass fndrs., Addison, N. Y.
Chatfield, Geo. S., Co., contractors & masons' & bldrs. matls., Waterbury, Conn.
Chatfield Mfg. Co., deadening felts, roofing & paving pitch, etc., Carthage, Cincinnati, Ohio.
Chatfield Paper Co., New Haven, Conn.
Chatfield & Sharp, fuel gas burners, Jamestown, N. Y.
Chatfield & Woods Co., paper, etc., 3rd & Plum, Cincinnati, Ohio.
Chatham Brick Co., Savannah, Ga.
Chatham Carriage Co., Savannah, Ga.
Chatham Mach. & Tool Wks., Inc., machts., jigs & fix., 128 Mott, New York.
Chatham Mfg. Co., turpentine, Savannah, Ga.
Chatham Mfg. Co., woollen blankets, Elkin, N. C.
Chatham Oil & Fertilizer Co., Pittsboro, N. C.
Chatham, R. J., canned goods, Eden, Md.
Chatham Trunk Fcty., Savannah, Ga.
Chatillon, John & Sons, hdwe. specialties, scales & scrapers, 85 Cliff, New York.
Chatlos, William F., contractors, 1374 Barnum av, Bridgeport, Conn.
Chatsworth Brick Co., Chatsworth, Ga.
Chatsworth Guano Co., fertilizer mfrs., Chatsworth, Ga.
Chattahoochee Brick Co., Atlanta, Ga.
Chattahoochee Lumber Co., Lelor, Ga.
Chattanooga Armature Works, Chattanooga, Tenn.
Chattanooga Blow Pipe & Roofing Co., Chattanooga, Tenn.
Chattanooga Boiler & Tank Co., Chattanooga, Tenn.
Chattanooga Bottle & Glass Mfg. Co., Chattanooga, Tenn.
Chattanooga Brazing & Welding Co., Chattanooga, Tenn.
Chattanooga Broom & Mop Co., Chattanooga, Tenn.
Chattanooga Buggy Co., Chattanooga, Tenn.
Chattanooga Builders' Supply Co., Chattanooga, Tenn.
Chattanooga Car & Foundry Co., Chattanooga, Tenn.
Chattanooga Coffin & Casket Co., Chattanooga, Tenn.
Chattanooga Implement & Mfg. Co., Chattanooga, Tenn.
Chattanooga Iron Works, cornices & skylights, Chattanooga, Tenn.
Chattanooga Lumber Co., Chattanooga, Tenn.
Chattanooga Machy Co., key seaters, Chattanooga, Tenn.
Chattanooga Mattress Co., Chattanooga, Tenn.
Chattanooga Paint Co., Chattanooga, Tenn.
Chattanooga Plow Co., Chattanooga, Tenn.
Chattanooga River Brick Co., Chattanooga, Tenn.
Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
Chattanooga Sand & Supply Co., Chattanooga, Tenn.
Chattanooga Sash & Door Co., Chattanooga, Tenn.
Chattanooga Saw Wks., Chattanooga, Tenn.
Chattanooga Sewer Pipe & Fire Brick Co., flue linings, Chattanooga, Tenn.
Chattanooga Stamping & Enameling Co., plates, Chattanooga, Tenn.
Chattanooga Wagon Co., Chattanooga, Tenn.
Chattanooga Wheelbarrow Co., Chattanooga, Tenn.
Chatten & Hammond, architects, 64 E. Van Buren, Chicago, Ill.

Chatten, Harvey, architect, Wells Bldg., Quincy, Ill.
Chatten, S. H., Lbr. Co., Inter State Bldg., Kansas City, Mo.
Chatterton File Wks., 38 Randall, Providence, R. I.
Chatterton, Jas. M., contractor, 108 S. 8th, Brooklyn, N. Y.
Chatterton, O. J., masons' & bldrs. matls., Hamersville, Ohio.
Chatwin, Alfred, Supply Co., mill & facty. supplies, 401 Broome, New York.
Chatwin Bros. Riprap & Contracting Co., Shreveport, La.
Chaudron & Co., plate glass, 1112 Cathedral, Baltimore, Md.
Chauncey Warehouse & Mfg. Co., Chauncey, Ga.
Chautauqua Photographic Co., Empire Bldg., Pittsburgh, Pa.
Chautauqua Planing Mill Co., sash, door & blind mfrs., Falconer, N. Y.
Chautauqua Refrigerating Co., masons' & bldrs. matls., Jamestown, N. Y.
Chautauqua Towel Mills, Jamestown, N. Y.
Chauvet & Coulter Co., lace machs., 245 7th av, New York.
Chazy Marble Lime Co., Chazy, N. Y.
Cheboygan Mfg. Co., sash, door & blinds, Cheboygan, Mich.
Cheboygan Paper Co., Cheboygan, Mich.
Cheek & Belvin, brick, Durham, N. C.
Cheek, J. U., sashes, doors & blinds, Dunwoody, Ga.
Cheek, M. B., machs. & fdrs., Aurora, Ind.
Cheeseboro & Sand, lumber mfrs., Berne, N. Y.
Cheesebrough, Thos. E., rakes, wood handles, etc., Freeport, Mich.
Cheesman & Elliot, paint mfrs., 100 William, New York.
Cheever Iron Ore Co., Port Henry, N. Y.
Chehalls Fir Door Co., McCleary, Wash.
Cheinuck Mfg. Co., wire & cable cov., Pawtucket, R. I.
Chellberg, Otto, stone producers, Oak Park, Ill.
Chelsea Clock Co., 16 State, Boston, Mass.
Chelsea Coal & Cement Co., masons' & bldrs. matls., Chelsea, Mass.
Chelsea Electro Plating & Polishing Co., 247 Centre, New York.
Chelsea Elevator Co., 213 W. 26th, New York.
Chelsea Fibre Mills, burlap, 212 5th av, New York.
Chelsea File Wks., Norwich, Conn.
Chelsea H'dwe. Co., who. h'dwe., Atlantic City, N. J.
Chelsea Lbr. Co., 87 Manhattan, New York.
Chelsea Oil & Supp. Co., lubricants, 17 Battery pl., New York.
Chelten Elec. Co., electrical spec., junction boxes, enclosed fuses, etc., Armat & Heiskel, Philadelphia, Pa.
C. H. & E. Mfg. Co., hoists & mixers, 384 Clinton, Milwaukee, Wis.
Chemi Co., metal polish, 715 E. Main, Richmond, Va.
Chemical Charcoal Co., 211 Fillmore av, Buffalo, N. Y.
Chemical Co. of Am., 28 Platt, New York.
Chemical Constr. Co., acid plants, Charlotte, N. C.
Chemical & Engng. Co., belt dressing, fillers, etc., Watertown, N. Y.
Chemical Importing & Mfg. Co., chemicals, fireworks, dyes, etc., 90 West, New York.
Chemical Lime Co., Bellefonte, Pa.
Chemical Mfg. Co., Covington, Ky.
Chemicals Mfg. Co., boiler compounds, 62 W. Madison, Chicago, Ill.
Chemical Paper Mfg. Co., Holyoke, Mass.
Chemical Pigments Corp., lithopone, Stock Exch. Bldg., Philadelphia, Pa.
Chemical Products Co., soluble cotton, size, etc., 93 Broad, Boston, Mass.
Chemical Products Co., 116 Christopher, New York.
Chemical (The) Pump & Valve Co., Perth Amboy, N. J.
Chemical Rubber Co., W. 112th, Cleveland, Ohio.
Chemical Supply Co., soaps, etc., 2450 Canal rd., Cleveland, Ohio.
Chenery & Co., mill & facty. supplies, Jamestown, N. D.
Cheney, A. C., Piano Action Co., Castleton, N. Y.
Cheney Bros., carriage & wagon wheel spokes, Jamaica, Vt.
Cheney Bros., plushes & velvets, So. Manchester, Conn.
Cheney, Chas. H., architect, Spreckles Bldg., San Francisco, Cal.
Cheney, Frank P., lbr., Lowell, Mass.
Cheney, Hy., Hammer Co., Little Falls, N. Y.
Cheney, Howard L., architect, 30 N. Michigan av, Chicago, Ill.
Cheney Lime Co., Allgood, Ala.
Cheney, S. H., cornices & skylights, Fond Du Lac, Wis.
Cheney, S., & Son, machsts. & fndrs., Manlius, N. Y.
Cheraw Brick Wks., Cheraw, S. C.
Cheraw Oil & Fertz. Co., Cheraw, S. C.
Cheraw Sash, Door & Lbr. Co., Cheraw, S. C.
Cherokee Brick Co., Macon, Ga.
Cherokee Chemical Co., barytes miners, 109 Hollingsworth, Baltimore, Md.
Cherokee Fall Mfg. Co., bags & bagging, Cherokee Falls, S. C.
Cherokee Fertilizer Co., Macon, Ga.
Cherokee Fdy. & Mach. Wks., Gaffney, S. C.
Cherokee Mfg. Co., machsts. & fndrs., Cherokee, Iowa.
Cherokee Mfg. Co., masons' & bldrs. matls., Dalton, Ga.
Cherokee Ochre Co., clays, Cartersville, Ga.
Cherry Chandelier Co., electric & gas light fixture mfrs., 525 N. 9th, Philadelphia, Pa.
Cherry Chemical Co., boiler compounds, 1018 Callowhill, Philadelphia, Pa.
Cherry Creek Canning Co., Cherry Creek, N. Y.
Cherry Implement Co., machsts., Aurora, N. C.
Cherry, J. G., Co., machsts. & fndrs., Cedar Rapids, Ia.
Cherry, John, contractor, Jacksonville, Ill.
Cherry, P. L., Co., masons' & bldrs. matls., Lumber Exch., Portland, Ore.
Cherry River Boom & Lbr. Co., Scranton, Pa.
Cherry River Paper Co., Scranton, Pa.
Cherry Tree Machine Co., Cherry Tree, Pa.
Cherry, W. A., fire door hangers, New Call Bldg., San Francisco, Cal.
Cherry, Wm. John, architect, Grand Cent. Term., New York.
Cherryvale Brick Co., Cherryvale, Kan.
Cherryvale Iron Wks. Co,, Cherryvale, Kan.
Chesapeake Belting Co., belting mfrs., 823 McKine, Baltimore, Md.
Chesapeake Iron Works, Baltimore, Md.
Chesapeake Launch & Motor Co., Norfolk, Va.
Chesapeake Mach. Co., Eastern av, Baltimore, Md.
Chesapeake Marine Ry. Co., machsts., Philpot cor. Point, Baltimore, Md.
Chesapeake Oil Co., paint & oil mfrs., Stockholm & Peach alley, Baltimore, Md.
Chesapeake Packing Co., Sherwood, Md.
Chesapeake Paperboard Co., box board mfrs., Baltimore, Md.
Chesapeake Pulp & Paper Co., West Point, Va.
Chesebro, Whitman, Co., scaffolding & ladders, 1167 1st av, New
Chesbrough Mfg. Co., petrolatum, 17 State, New York.
Cheshire, J., & Son, machsts. & fndrs., Martinsville, Va.
Cheshire Lime Mfg. Co., Cheshire, Mass.
Cheshire Mills, woolen flannels, Harrisville, N. H.
Cheshire, R. L., contractor, 1118 Peabody av, Memphis, Tenn.
Chesley, A. C., Co., fireproof doors, 275 Rider av, New York.
Chesley Bros., machsts. & fndrs., Danville, Ill.
Chesley, Earl & Heimbach, Inc., contractors & dock bldrs., 20 Breckenridge, Buffalo, N. Y.
Chesley, J. L., machst. & fndr., Danville, Ill.
Chesnee Mills, cotton sheetings, Chesnee, S. C.
Chesnutt, Cooper & Co., bristles, 100 William, New York.
Chessman & Elliot, paint mfrs., 639 Kent av, Brooklyn, N. Y.
Chester Advtg. Co., advtg. novs., 202 W. 3d, Chester, Pa.
Chester Constr. & Contr. Co., Otis Bldg., Phila., Pa.
Chester County Motor Co., Coatesville, Pa.
Chester, F. E., Mfg. Co., fishing tackle, 3 Pine, Providence, R. I.
Chester General Contracting Co., East Liverpool, Ohio.
Chester Graphite Co., Chester Springs, Pa.
Chester Granite Wks., Chester, Mass.
Chester Hardware Co., Chester, S. C.
Chester Knitting Wks., sweaters, cardigans, etc., 2103 Pitkin av, Brooklyn, N. Y.
Chester Lumber & Coal Co., masons' & bldrs.' matls., Chester, Pa.
Chester Mach. Co., Chester, Vt.
Chester Mach. & Lbr. C'o., Chester, S. C.
Chester Paper Co., Chester, Pa.
Chester Ry. Supply Co., trolley ears, Chester, Pa.
Chester Ship Building Co. (Ltd.), Chester, Pa.
Chester Steel Castings Co., 407 Sansom, Philadelphia, Pa.
Chester Stone Co., Chester, Pa.
Chester, W. C., contractor, Wrightsville, Ga.
Chester, W. R., & Co., lumber, 89 State, Boston, Mass.
Chesterman & Streeter, elastic & surgical hosiery, 25 S. 11th, Philadelphia, Pa.
Chesterton, A. W., Co., gauge glass cutters, mill & facty. supplies & packing mfrs., etc., 64 India, Boston, Mass.
Chestnut Ridge White Brick Co., 7 W. 45th, New York.
Cheswold Canning Co., Aberdeen, Md.
Chetham Lbr. Co., 15 William, New York.
Chevalier Bros. Co., machsts. & fndrs., B'klyn, N. Y.
Cheves, Wm. R., granite producers, Lanesville, Mass.
Chevillot, Louis F., contractor, 68 Greenwood, Detroit, Mich.
Chevrolet Motor Co., Flint, Mich.
Chew, Joshua, & Co., contractors, Lafayette, Ind.
Cheyenne Brick Co., Cheyenne, Wyo.
Cheyney, Jno. H., & Co., machinists, Chester, Pa.
Cheyney, John K., sponges, Tarpon Springs, Fla.
Chicago Addressing Co., 720 S. Dearborn, Chicago, Ill.
Chicago Aluminum Castings Co., fndrs., 2647 Ogden av, Chicago, Ill.
Chicago Apparatus Co., laboratory apparatus & supplies, 32 S. Clinton, Chicago, Ill.
Chicago Arch'l Photographing Co., Marquette Bldg., Chicago, Ill.
Chicago Art Metal Wks., monograms, 300 W. Lake, Chicago, Ill.
Chicago Asbestos Mfg. Co., asbestos cements, pipe coverings & roofing, 1909 W. 22d pl, Chicago, Ill.
Chicago Asbestos Table Mat Co., 215 Loomis, Chicago, Ill.
Chicago Auto. Equipment Co., auto. wood bodies, 810 W. Jackson blvd., Chicago, Ill.
Chicago Auto. Supply House, carbon removers, 1351 S. Michigan av, Chicago, Ill.
Chicago Automatic Machine Co., screw mach., 400 N. Oakley blvd., Chicago, Ill.
Chicago Automatic Switch Co., 212 N. Peoria, Chicago, Ill.
Chicago Baling Press Co., paper balers, 305 S. La Salle, Chicago, Ill.
Chicago Bearing Metal Co., 2234 W. 43d, Chicago, Ill.
Chicago Belting Co., 125 N. Green, Chicago, Ill.
Chicago Binder & File Co., 117 S. Clinton, Chicago, Ill.
Chicago & Bloomington Stone Co., Bloomington, Ind.
Chicago Brick Co., 38 S. Dearborn, Chicago, Ill.

Chicago Brick Machinery Co., 20 W. Jackson blvd, Chicago, Ill.
Chicago Bridge & Iron Works, bridges, barges, boats, steel chimneys, cranes, derricks, dry docks, etc., 1319 W. 105th, Chicago, Ill. *See adv index at end of book.*
Chicago Bronze Co., 110 W. Lake, Chicago, Ill.
Chicago Brush Mfg. Co., 412 W. Erie, Chicago, Ill.
Chicago Bldrs.' Specialties Co., benders, clamps, floor clips, etc., 11 S. La Salle, Chicago, Ill.
Chicago Building Constr. Co., 4770 Lincoln av, Chicago, Ill.
Chicago Building Glass Co., 3516 N. Clark, Chicago, Ill.
Chicago Butchers' Packing Co., 216 N. Peoria, Chicago, Ill.
Chicago Calcium Light Co., 178 N. Green, Chicago, Ill.
Chicago Car Door Co., McCormick Bldg., Chicago, Ill.
Chicago Car Seal Co., milk bottle caps, 364 N. Green, Chicago, Ill.
Chicago Carbonic Gas Co., 904 W. Superior, Chicago, Ill.
Chicago Case Mfg. Co., sample cases, 213 No. Morgan, Chicago, Ill.
Chicago Casket Co., 1106 So. Canal, Chicago, Ill.
Chicago Clamp Co., woodworkers' clamps, 253 Eliot, Detroit, Mich.
Chicago Cleveland Car Roofing Co., carlines, 80 E. Jackson blvd, Chicago, Ill.
Chicago Coach & Carriage Co., auto. seats, 1223 S. Michigan av, Chicago, Ill.
Chicago Coated Board Co., 420 E. North Water, Chicago, Ill.
Chicago Concentrated Food Co., 3059 Sheffield av, Chicago, Ill.
Chicago Concrete Post Co., 608 S. Dearborn, Chicago, Ill.
Chicago Contractors' Supply Co., crushed stone, 5835 Loomis, Chicago, Ill.
Chicago Conveyor Co., gravity, 613-615 Root, Chicago, Ill.
Chicago Copper & Chemical Co., Western Union Bldg., Chicago, Ill.
Chicago Cork Wks. Co., 630 S. Wabash av, Chicago, Ill.
Chicago Cornice Co., 210 S. Western av, Chicago, Ill.
Chicago Creosoting Co., Waukegan, Ill.
Chicago Curtain Stretcher Co., 3725 Wall, Chicago, Ill.
Chicago Cut Stone Co., 3403 La Salle, Chicago, Ill.
Chicago Decorated Leather Co., chair seats, 426 S. Clinton, Chicago, Ill.
Chicago-Detroit Bag Co., Marquette Bldg., Chicago, Ill.
Chicago Die & Mach. Wks., 415 N. Carpenter, Chicago, Ill.
Chicago Down Draft Furnace Co., 115-17 S. Clinton, Chicago, Ill.
Chicago Drainage Const. Co., 30 N. La Salle, Chicago, Ill.
Chicago Dryer Co., ironing & laundry machy., 630 S. Wabash av, Chicago, Ill.
Chicago Elec. Mfg. Co., automobile lamp, 2817 S. Halsted, Chicago, Ill.
Chicago Electric Meter Co., graphometers, 1045 W. Washington, Chicago, Ill.
Chicago Electric Sign Co., 18 S. Clinton, Chicago, Ill.
Chicago Engineer Supply Co., 68 W. Lake, Chicago, Ill.
Chicago Envelope Co., 59 E. Madison, Chicago, Ill.
Chicago Expansion Bolt Co., 111 N. Jefferson, Chicago, Ill.
Chicago Eyeshade Co., 128 S. Clinton, Chicago, Ill.
Chicago Eye Shield Co., goggles & eye protectors, etc., 2300 Warren av, Chicago, Ill.
Chicago Faucet Co., 2712 N. Crawford av, Chicago, Ill.
Chicago Feather Duster Co., 816 Fulton, Chicago, Ill.
Chicago Ferrotype Co., cameras, photograph machy., 1455 W. Congress, Chicago, Ill.
Chicago Ferrule & Nut Co., 880 Lill av, Chicago, Ill.
Chicago Fertilizer & Chemical Wks., 7631 S. Green, Chicago, Ill.
Chicago File & Rasp Co., 111 W. Washington, Chicago, Ill.
Chicago Fire Apparatus Co., 208 N. 5th av, Chicago, Ill.
Chicago Fire Brick Co., 133 W. Washington, Chicago, Ill.
Chicago Fire Hose Co., 124 W. Lake, Chicago, Ill.
Chicago Fire Proof Covering Co., 322 N. Mich. av, Chicago, Ill.
Chicago Fire Window & Cornice Co., 1035 W. Van Buren, Chicago, Ill.
Chicago Flag & Decorating Co., 1345 S. Wabash av, Chicago, Ill.
Chicago Flexible Shaft Co., 5600 W. 12th, Chicago, Ill.
Chicago Floor Co., 730 S. Wabash av, Chicago, Ill.
Chicago Folding Box Co., 2555 Taylor, Chicago, Ill.
Chicago Form Co., garment hangers, 175 W. Jackson blvd, Chicago, Ill.
Chicago Foundation Co., contrs., 105 W. Monroe, Chicago, Ill.
Chicago Fndry. Co.,, 2211 N. Major, Chicago, Ill.
Chicago Fountain Soda Water Co., 1140 W. Harrison, Chicago, Ill.
Chicago Furnace Supply Co., 549 W. Monroe, Chicago, Ill.
Chicago Fuse Mfg. Co., arresters, cut-outs, fuses, etc., 1014 W. Congress, Chicago, Ill.
Chicago General Constr. Co., 133 W. Washington, Chicago, Ill.
Chicago General Fixture Co., elec. light fixture mfrs., 19 E. Lake, Chicago, Ill.
Chicago Glass Novelty Co., advertg. letter signs, 1206 Branson, Marion, Ind.
Chicago Glove & Mitten Co., 458 N. Halsted, Chicago, Ill.
Chicago Glue Co., 2012 W. Kinzie, Chicago, Ill.
Chicago Gold Coin Stove Wks., Chicago, Ill.
Chicago Gold Enamel Co., Monadnock Blk., Chicago, Ill.
Chicago Granitine Mfg. Co., artificial stone ldry. tubs, 3619 Wall, Chicago, Ill.
Chicago Gravel Co., sand dlrs., 343 S. Dearborn, Chicago, Ill.
Chicago Gum Tape Co., sealing machs., 187 N. Dearborn, Chicago, Ill.
Chicago Hammock Co., 1833 N. Halsted, Chicago, Ill.
Chicago Handle Bar Co., Shelby, Ohio.
Chicago Hardware Foundry Co., North Chicago, Ill.
Chicago Heat Regulator Co., 1801 Diversey Parkway, Chicago, Ill.
Chicago Heights Boiler Wks., Chicago Heights, Ill.
Chicago Heights Bottle Co., Chicago Heights, Ill.
Chicago Heights Constr. Co., Chicago, Ill.
Chicago Heights Oil Mfg. Co., dairy, horse & mule feed, Chicago Heights, Ill.
Chicago Hosiery Co., lumbermen's socks, 565 Michigan av, Detroit, Mich.
Chicago House Wrecking Co., mill & facty. supplies, 35th & Iron, Chicago, Ill.
Chicago Hydraulic Press Brick Co., 133 W. Washington, Chicago, Ill.
Chicago Insulated Wire & Mfg. Co., Sycamore, Ill.
Chicago Iron Fdry Co., 2313 Austin av, Chicago, Ill.
Chicago Iron & Steel Wks., 733 Fulton, Chicago, Ill.
Chicago Journal Bearing Co., machsts. & fndrs., 519 W. Vanburen, Chicago, Ill.
Chicago Knife Wks., 228 S. Clinton, Chicago, Ill.
Chicago Knitting Mills, sweaters, cardigans, etc., 2103 Pitkin av, Brooklyn, N. Y.
Chicago Label & Box Co., 312 N. May, Chicago, Ill.
Chicago Lamp & Fixture Co., metallic shades, 411 S. Sangamon, Chicago, Ill.
Chicago Laundry Machy. Co., collar seam dampening machines, 213 W. Grand av, Chicago, Ill.
Chicago Leather & Mercantile Co., leather gaskets & washers, 1848 W. 14th, Chicago, Ill.
Chicago Lumber & Coal Co., East St. Louis, Ill.
Chicago Lumber & Coal Co., R. A. Long Bldg., Kansas City, Mo.
Chicago L'br. Co., Omaha, Neb.
Chicago Mach. Tool Co., 625 W. Washington, Chicago, Ill.
Chicago Mach. & Washer Co., 2625 W. 15th, Chicago, Ill.
Chicago Machy. Exchange, 1217 Washington blvd., Chicago, Ill.
Chicago Mailing Tube Co., 425 S. Hoyne av, Chicago, Ill.
Chicago Malleable Castings Co., 120th & Racine av, Chicago, Ill.
Chicago Malleable Iron Co., founders, Blue Island & Western avs, Chicago, Ill.
Chicago Mfg. Co., globe valves, 1464 S. Michigan av, Chicago, Ill.
Chicago Mfg. Co., valves, Chicago Jct., Ohio.
Chicago Mat Board Co., 664 Washington blvd., Chicago, Ill.
Chicago Metal Covering Co., mouldings, 2835 Lake, Chicago, Ill.
Chicago Metal Reduction Co., welding plates, 29 W. Jackson blvd, Chicago, Ill.
Chicago Metal Sign Co., 20 N. Wells, Chicago, Ill.
Chicago Metal Treating Co., 4032 N. Rockwell, Chicago, Ill.
Chicago Metal Weather Strip Co., 1617 N. Troy, Chicago, Ill.
Chicago Mica Co., Valparaiso, Ind.
Chicago Mill & Lumber Co., boxes, crates, etc., 111 W. Washington, Chicago, Ill.
Chicago Millwork Supply Co., 1404 W. 37th, Chicago, Ill.
Chicago Min. Lamp Wks., 640 W. Lake, Chicago, Ill.
Chicago Mirror & Art Glass Co., adv. purposes, 216 N. Clinton, Chicago, Ill.
Chicago Motor & Vibrator Co., 163 N. Wabash, Chicago, Ill.
Chicago Nipple Mfg. Co., 908 W. Lake, Chicago, Ill.
Chicago & Northwestern Railway, 226 W. Jackson blvd, Chicago, Ill.
Chicago Nov. Co., steam cookers, 1314 Clybourne av, Chicago, Ill.
Chicago Nut Co., nut mfrs. & screw machine products, 2513 W. 20th, Chicago, Ill.
Chicago & Oak Park Cut Stone Co., Oak Park, Ill.
Chicago & Oak Park Supply Co., masons' & bldrs. matls., 637 Desplaines av, Forest Park, Chicago, Ill.
Chicago Oxygen Gas Co., 1742 W. Madison, Chicago, Ill.
Chicago Oyster Pail Co., paper cups, 504 S. Green, Chicago, Ill.
Chicago Packing Co., meat packers, 4535 Gross av, Chicago, Ill.
Chicago Paper Tube & Can Co., 168 N. May, Chicago, Ill.
Chicago Pennant Co., 6142 Cottage Grove av, Chicago, Ill.
Chicago Perforating Co., perforated metals, 2445 West 24th pl, Chicago, Ill.
Chicago Piano Bench Co., 1115 W. Lake, Chicago, Ill.
Chicago Plush & Leather Case Co., jewelry cases, 110 N. Franklin, Chicago, Ill.
Chicago Penumatic Tool Co., Fisher Bldg., Chicago, Ill. *See adv index at end of book.*
Chicago Portland Cement Co., 30 N. La Salle, Chicago, Ill.
Chicago Printing Ink Co., 24 S. Clinton, Chicago, Ill.
Chicago Pulley & Shafting Co., 40 S. Clinton, Chicago, Ill.
Chicago Pump Co., 904-910 W. Lake, Chicago, Ill. *See adv index at end of book.*
Chicago-Racine Alumn. Brass & Iron Wks., machsts., 224 W. Huron, Chicago, Ill.
Chicago Ry. Equipment Co., 1928 W. 46th, Chicago, Ill.
Chicago Ry. Signal & Supply Co., elec. bells, 122 S. Michigan av, Chicago, Ill.
Chicago Raw Products Co., fertilizer mfrs., 2801 S. Ashland av, Chicago, Ill.
Chicago Rawhide Mfg. Co., gears & pinions, 1301 Elston av, Chicago, Ill.
Chicago Recording Scale Co., machsts. & fndrs., Waukegan, Ill.

Chicago Retort & Fire Brick Co., Ottawa, Ill.
Chicago Roller Skate Co., 224 N. Ada, Chicago, Ill.
Chicago Rubber Clothing Co., blankets, mackintoshes, rubber goods, etc., Racine, Wis.
Chicago Sash, Door & Blind Mfg. Co., 1249 W. North av, Chicago, Ill.
Chicago Scale Co., portable forges, 7740 S. Chi. av, Chicago, Ill.
Chicago Screw Co., 13 N. Jefferson, Chicago, Ill.
Chicago Sewer Pipe Co., 133 W. Washington, Chicago, Ill.
Chicago Ship Building Co., 101st & Calumet R., Chicago, Ill.
Chicago Show Card Wks., signs, cardboard, 406 Dearborn, Chicago, Ill.
Chicago Signal Co., 522 S. Clinton, Chicago, Ill.
Chicago Soda Fountain Co., 153 N. Jefferson, Chicago, Ill.
Chicago Solder Co., canning machy., solders, etc., 218 N. Union av, Chicago, Ill.
Chicago Sporting Goods Mfg. Co., 123 S. Jefferson, Chicago, Ill.
Chicago Spring Butt Co., hinges, 340 Union Pk. ct, Chicago, Ill.
Chicago Stage. Ltg. Co., 112 N. La Salle, Chicago, Ill.
Chicago Steam Heating Co., 565 W. Washington, Chicago, Ill.
Chicago Steel Car Co., Harvey, Ill.
Chicago Steel Foundry Co., castings, etc., 3701 S. Kedzie av, Chicago, Ill.
Chicago Steel Post Co., 208 S. La Salle, Chicago, Ill.
Chicago Steel Tank Co., 733 S. Halsted, Chicago, Ill.
Chicago Steel Tape Co., 6231 Cottage Grove av, Chicago, Ill.
Chicago Stone Conduit Co., Addison & Chi. River, Chicago, Illl.
Chicago Store & Office Fixture Co., 820 S. Clinton, Chicago, Ill.
Chicago Stove & Range Co., 2023 S. Clark, Chicago, Ill.
Chicago Stove Wks., 2301 S. Paulina, Chicago, Ill.
Chicago Surgical & Elec. Co., 324 W. Supr., Chicago, Ill.
Chicago Switchboard Mfg. Co., 426 S. Clinton, Chicago, Ill.
Chicago Tanning Co., leather gloves, 130 W. Austin av, Chicago, Ill.
Chicago Tape & Label Co., labels & measuring tape, 521 N. Spaulding av, Chicago, Ill.
Chicago Telephone Supply Co., Elkhart, Ind.
Chicago Temperature Regulator Co., 215 W. Illinois, Chicago, Ill.
Chicago Time Lock Co., 2765 St. Marys, Chicago, Ill.
Chicago Tin Co., 2005 S. State, Chicago, Ill.
Chicago Tool & Kit Mfg. Co., 6 E. Lake, Chicago, Ill.
Chicago Tubing & Braiding Co., 216 N. Clinton, Chicago, Ill.
Chicago Union Lime Wks., McCook, Ill.
Chicago Union Lime Wks. Co., 1900 W. 19th, Chicago, Ill.
Chicago Varnish Co., 2100 Elston av, Chicago, Ill.
Chicago Veneer Co., Burnside, Ky.
Chicago Ventilator & Iron Works, 355 Union Pk. Ct., Chicago, Ill.
Chicago Wall Paper Mill, Steubenville, Ohio.
Chicago Waste Co., cotton & woolen waste, 319-331 W. Ohio, Chicago, Ill.
Chicago Watch Tool Co., 1956 Grand av, Chicago, Ill.
Chicago Watchman's Clock Wks., 56 E. Randolph, Chicago, Ill.
Chicago Well Supp. Co., cylinders & valves, 232 W. Ontario, Chicago, Ill.
Chicago Wheel & Mfg. Co., emery & corundum wheel mfrs., etc., 1101 W. Monroe, Chicago, Ill.
Chicago White Lead & Oil Co., 1454 S. Western av, Chicago, Ill.
Chicago Willowware Co., auto. baskets, 542 E. 47th, Chicago, Ill.
Chicago Wire Chair Co., 619 N. La Salle av, Chicago, Ill.
Chicago Wire, Iron, Brass Wks., 2340 Nelson, Chicago, Ill.
Chicago Wire Rope Preserver Co., 315 S. La Salle, Chicago, Ill.
Chicago Wood Carving Co., 1509 N. Halsted, Chicago, Ill.
Chicago Wood Finishing Co., 1309 Sloan, Chicago, Ill.
Chickamauga Fertilizer Works, Atlanta, Ga.
Chickamauga Quarry & Constr. Co., Chattanooga, Tenn.
Chickasaw Cooperage Co., Memphis, Tenn.
Chickasaw Lumber Co., Ardmore, Okla.
Chickasaw Machine & Foundry Co., Memphis, Tenn.
Chickasaw Shipbuilding Co., Chickasaw, Ala.
Chickasaw Tile Co., Chickasaw, Ohio.
Chickasha Iron Wks., machsts. & fndrs., Chickasha, Okla.
Chickasha Milling Co., flour, Chickasha, Okla.
Chickering Bros., pianos, 2250 S. Park av, Chicago, Ill.
Chickering, Geo. W., architect, 6 Beacon, Boston, Mass.
Chickering, H. L., masons' & bldrs.' matls., Joplin, Mo.
Chickering & Sons, pianos, 791 Tremont, Boston, Mass.
Chicopee Mfg. Corp., cotton blankets, duck, flannels & sheetings, Chicopee Falls, Mass.
Chief Kokomoko Spec. Co., furn. polish, Kokomo, Ind.
Chief Mfg. Co., carpet cleaning machy., looms, etc., Indianapolis, Ind.
Chief Tractor Mfg. Co., traction engines, Ecorse, Detroit, Mich.
Child Acme Cutter & Press Co., paper cutting machines, 184 Summer, Boston, Mass.
Child, Edw. S., architect, 29 Broadway, New York.
Child G. Sherman, archit., Lake Worth, Florida.
Child & Scott, heating contrs., 112 Wooster, New York.
Child, W. C. W., steel struct. wk., 355 Kingsland av, B'klyn, N. Y.
Child, W. T., architect, Evans blk, Denver, Colo.
Children's, E., Sons Mfg. Co., agricultural implements, Council Bluffs, Ia.
Children's Vehicle Corp., East Templeton, Mass.
Childress Mills, flour, Childress, Va.
Childrey Co., blue prints, Richmond, Va.
Childs Bros., contractors, Tallahassee, Fla.
Childs, Chas. M., & Co., paint mfrs., 43 Summit, B'klyn, N. Y.
Childs, H. L., & Co., mill & facty. supplies, 249 Water, Pittsburg, Pa.
Childs, Jno., Sr., machy. dlrs., Smiths Ferry, Pa.
Childs, Neal T., l'dscape architect, 68 Post, San Francisco, Cal.
Childs, O. J., Co., fire apparatus, Utica, N. Y.
Childs, S. D., & Co., sheet metal stamping, etc., 136 S. Clark, Chicago, Ill.
Childs & Smith, architects, 122 S. Michigan av, Chicago, Ill.
Childsdale Paper Co., Childsdale, Mich.
Chiles, E. N. & Co., flour mills, Gilmores Mills, Va.
Chilhawie Extract Co., Newport, Tenn.
Chilhowie Milling Co., flour, Chilhowie, Va.
Chillicothe Coal Co., masons' & bldrs.' matls., Chillicothe, Ohio.
Chillicothe Hardware Co., Chillicothe, Ohio.
Chillicothe Iron Co., Chillicothe, Mo.
Chilson Furnace Co., Mansfield, Mass.
Chilton Canning Co., Chilton, Wis.
Chilton, Geo., cornices, Rouses Point, N. .
Chilton, Henry J., patent broker, 110 S. Dearborn, Chicago, Ill.
Chilton Paint Co., paint mfrs., College Point, L. I., N. Y.
China Grove Roller Mills, China Grove, N. C.
Chinn Mineral Co., Harrodsburg, Ky.
Chinook Lumber & Shingle Co., Seattle, Wash.
Chinook Packing Co., canned goods, Chinook, Wash.
Chioldi Bros., granite, Barre, Vt.
Chipley Home Mixture Guano Co., Chipley, Ga.
Chipman Chemical Engng. Co., Inc., chemical spec., 95 Liberty, New York.
Chippewa Falls Canning Co., Chippewa Falls, Wis.
Chippewa Falls Woolen Mills, woolen blankets, Chippewa Falls, Wis.
Chippewa Foundry & Machine Co., Chippewa Falls, Wis.
Chippewa Milling Co., flour, Montevideo, Minn.
Chippewa Shale Brick Co., Chippewa Lake.
Chiquola Mfg. Co., cotton sheetings, Honeapath, S. C.
Chiris Antoine Co., oils, 20 Platt, New York.
Chisholm, A. C., archit., 501 S. 18th, Fort Smith, Ark.
Chisholm, Boyd & White Co., brick machy., 57th & Wallace, Chicago, Ill.
Chisholm Co., 178 Centre, New York.
Chisholm, Henry, architect, 90 Gladstone, Boston, Mass.
Chisholm, J. O., & Co., contractors, New Orleans, La.
Chisholm-Moore Mfg. Co., chain hoists, etc., 5046 Lakeside av, Cleveland, Ohio.
Chisholm, R. A., contractor, 180 Jessie, San Francisco, Cal.
Chisholm-Scott Co., machinists, Cadiz, Ohio.
Chisholm's Steel Shovel Works, Cleveland, Ohio.
Chisom, C. R., contractor, Bellingham, Wash.
Chisos Mining Co., 51 Exchange, Portland, Me.
Chittenden, E. D., Co., fertilizer mfrs., Bridgeport, Conn.
Chittenden & Eastman Co., mattresses, Burlington, Ia.
Chittenden & Kotting, architects, Dime Bk. Bldg., Detroit, Mich.
Chivvis, W. R., lbr. mfrs., ft. Lafayette av, St. Louis, Mo.
Chloride of Silver Dry Cell Bty. Co., 407 N. Paca, Baltimore, Md.
Chmelik, Frank, architect, 796 2nd av, Long Island City, N. Y.
Choate, Chas. Edward, archit., Atlanta, Ga.
Chocayotte Brick Co., Weldon, N. C.
Chocolate Cooler Co., ice cream cabinets, Grand Rapids, Mich.
Choctaw Lbr. Co., Kansas City, Mo.
Choctaw Portland Cement Co., Tulsa, Okla.
Choctaw Pressed Brick Co., McAlester, Okla.
Choice, J. I., flour, Kilgore, Tex.
Chonette, O. W., contractor, 356 Pine, San Francisco, Cal.
Chopa Piston Ring Co., Detroit, Mich.
Choptank Canning Co., Choptank, Md.
Chowan Cotton Oil & Fertilizer Co., Edenton, N. C.
Chris Sign & Wall Paper Co., electric illuminated, Seattle, Wash.
Chrisman Fdry. Co., castings, rig irons, etc., Morgantawn, W. Va.
Chrisney Canning Co., Chrisney, Ind.
Chrisp, Hugh P., architect, Cutler Bldg., Rochester, N. Y.
Chrispin, Jas. G., Lime & Cement Co., 2117 Monroe av, Norwood, Cincinnati, Ohio.
Christ Bros. Mfg. Co., tex. machy. supplies (tapes, braid & cords), 1303 Buttonwood, Philadelphia, Pa.
Christa Marble Co., marble & onyx workers, Detroit, Mich.
Christe-Kline Forge Co., iron & steel forgings, Detroit, Mich.
Christeanson, J. H., architect, Benkelman, Neb.
Christen Bellows & Mfg. Co., Main & Dock, St. Louis, Mo.
Christen, Chas., architect, Decatur, Ind.
Christensen, Adolph, contractor, 1433 Brown, Phila., Pa.
Christensen, C. S., Co., flour, Madelia, Minn.
Christensen, Carl C., contractor, Perth Amboy, N. J.
Christensen, Chas. W., architects, 332 S. Mich. av, Chicago, Ill.
Christensen & Christensen, contrs., 869 Grand, Bridgeport, Conn.
Christensen Construction Co., Felt Bldg., Salt Lake City, Utah.
Christensen Engng Co., oil engines, Milwaukee, Wis.
Christensen, Fred, Constr. Co., Perth Amboy, N. J.
Christensen, H. M., Co., shoe knives, Brockton, Mass.
Christensen, M. F., & Son Co., balls, marbles, Akron, Ohio.
Christensen Mach. Co., Racine, Wis.
Christensen, N., & Sons, wholesale hdwe., masons' & bldrs. matls. & mill & facty. supplies, Beaufort, S. C.
Christensen, Oscar N., architect, Kenosha, Wis.

Christensen Rudolph, hdwe. mfr., 107 Chambers, New York.
Christenson Lbr. Co., lbr. mfg., 1950 3d, San Francisco, Cal.
Christian Bros. Soap Co., 42 Delaware av, Albany, N. Y.
Christian, Geo. C., & Co., flour, 1004 New Ch. Com., Minneapolis, Minn.
Christian, J. E., & Co., contractors, 1119 Superior av, N. E., Cleveland, Ohio.
Christian, Jno., Mfg. Co., thresher teeth, San Jose, Cal.
Christian, L., & Co., flour, Shakopee, Minn.
Christian, T. S., contractor, Durham, N. C.
Christiana Mach. Co., Christiana, Pa.
Christiana Machine Co., machst., Wilmington, Del.
Christiano, Jos., contractor, Greenwich, Conn.
Christiansen Bros., contractors, 469 1st av, Milwaukee, Wis.
Christiansen, C., cabinet makers' benches, clamps, 2219 Grand, Chicago, Ill.
Christiansen, Chas., cornices, 276 Water, New York.
Christiansen, L., automatic elev. gates, 254 Broad, Lynn, Mass.
Christie, Alex., automobile springs, Seattle, Wash.
Christie, B. B., fndrs., Dayton, Ohio.
Christie Cut Stone Co., Memphis, Tenn.
Christie Machine Works, 191 Fremont, San Francisco, Cal.
Christman, A. G., Co., washing machines, ironing boards, Reading, Pa.
Christman, A. H., toe-calks (steel), Eaton, Ohio.
Christman, B., lumber, Loyal, Wis.
Christman, H. G., Co., contractors, South Bend, Ind.
Christman Piano Co., 597 E. 137th, New York.
Christman Sons, pianos, 35 W. 14th, New York.
Christmann, Phillip, & Sons Co., doors, sheet metal, etc., 858 Virginia, Buffalo, N. Y.
Christmann Sheet Metal Co., cornices, 285 Delaware av, Buffalo, N. Y.
Christoffel's, A., Sons, scrapers, cleaners, boiler flue or tube, 277 Eldert, Brooklyn, N. Y.
Christofferson Aircraft Mfg. Co., 57 Post, San Francisco, Cal.
Christopher, Geo. C., & Son, bank & office railings, Wichita, Kan.
Christopher, J. H., contractor, Ridgewood, N. J.
Christopher, John G., Co., mill & facty. supplies, Jacksonville, Fla.
Christopher, Lee, architect, 3491 Highland Pk. dr, Salt Lake City, Utah.
Christopher & Simpson Iron Wks., 9th & Pk. av, St. Louis, Mo.
Christy Box Car Loader Co., Des Moines, Ia.
Christy Co., razor mfrs., Fremont, Ohio.
Christy Knife Co., Fremont, Ohio.
Chrome Steel Wks., iron rolling mills, Chrome, N. J.
Chromister, V. H., soap, Decatur, Ill.
Chrystal, Chas. B., clays, minerals, etc., 13 Cliff, New York.
See adv index at end of book.
Chubb, Charles St. J., Jr., archit., 2372 17th av, Columbus, O.
Chubb, John D., architect, 109 N. Dearborn, Chicago, Ill.
Chubbuck Furnace Co., 1892 Washington, Boston, Mass.
Chum, Chas. H., architect, Asheville, N. C.
Chumbley, J. E. & Co., wire measuring mach., Nashville, Tenn.
Church Appliance Mfg. Co., coal chutes; joists, anchor & timber caps, etc., La Salle, Ill.
Church Art Work Co., archl. modelers, Mount Vernon, N. Y.
Church Bros., lumber mfrs., Afton, N. Y.
Church Bros., machsts. & fndrs., Adrian, Mich.
Church, C. F., Mfg. Co., plumbers' supplies & bathroom fixtures & fittings, mfrs., Holyoke, Mass.
Church Co., pianos, Dayton, Ky.
Church & Coover, Shoaff Bldg., Fort Wayne, Ind.
Church, D. O., Co., contractors, 68 Post, San Francisco, Cal.
Church & Dwight Co., chemicals, 27 Cedar, New York.
Church, E. C., Co., whol. hdwe. & mill & facty. supplies, 5 Eddy, Providence, R. I.
Church, E. I., & Co., weather strips, West Hanover, Mass.
Church, Elmore, lbr. mfrs., Brasher Falls, N. Y.
Church, H. W., contractor, 494 Ashland av, St. Paul, Minn.
Church, Isaac H., expansion & toggle bolts, South Norwalk, Conn.
Church, J. Winfield, contractor, Narragansett Pier, R. I.
Church, Jas. A., Co., contractors, 262 Sherman av, New Haven, Conn.
Church, John, Co., pianos, 109 W. 4th, Cincinnati, Ohio.
Church & Morse, whol. hdwe. & mill & facty. supplies, Meriden, Conn.
Church, Myron H., architect, 140 S. Dearborn, Chicago, Ill.
Church, Stephen B., mill & facty. supp., Seymour, Conn.
Church St. Machy. & Engrg. Corp., machy. & hdwe. exporters, 30 Church, New York.
Church, Walter S., Esq., archit., Marquette Bldg., Chicago, Ill.
Church, W. C., Lumber Co., Des Moines, Ia.
Churchill & Allen, shoe tacks, nails, etc., Lynn, Mass.
Churchill Cabinet Co., tel. cabinet wk., 2119 Churchill, Chicago, Ill.
Churchill, Frank G., architect, Hennen Bldg., New Orleans, La.
Churchill, Frank M., architect, 536a Congress, Portland, Me.
Churchill, Judson N., architect, Lansing, Mich.
Churchman, C. Wharton, architect, 1311 Walnut, Phila., Pa.
Chuse & Co., horse collars, Peoria, Ill.
Chuse Engine & Mfg. Co., Mattoon, Ill.
Chute & Butler Co., organs & pianos, Peru, Ind.
Chytraus, Olaf, contractor, 555 E. 8th, So., Salt Lake City, Utah.

Cianci, Joseph, & Son Co., contractors, 12 Ring, Providence, R. I.
Cibara Mfg. Co., vegetable glue, 2108 Papin, St. Louis, Mo.
Cicero Fuel & Building Material Co., Cicero, Ill.
Cicero Lumber Co., Cicero, Ind.
Cifax Packing Co., canned goods, Cifax, Va.
Cigar Mach. Corp. of Amer., Industrial Bldg., Baltimore, Md.
Cilley, W. W., & Co., machinists, Lynn, Mass.
Cimini, Pasquale L., architect, 47 Niagara, Buffalo, N. Y.
Cincinnati Abattoir Co., meat packers, Spring Grove av nr. Stock Yards, Cincinnati, Ohio.
Cincinnati Advtg. Prod. Co., signs, glass, 1101 York, Cincinnati, Ohio.
Cincinnati Artistic Wrought Iron Co., 2941 Eastern av, Cincinnati, Ohio.
Cincinnati Auto Specialty Co., auto tops, 426 Elm, Cleveland, O.
Cincinnati Automatic Machine Co., screw machines, Oakley, Cincinnati, Ohio.
Cincinnati Bag Co., 601 E. 5th, Cincinnati, Ohio.
Cincinnati Ball Crank Co., North Oakley, Cincinnati, Ohio.
Cincinnati Bell Foundry Co., 2933 Spring Grove av, Cincinnati, Ohio.
Cincinnati Bellows Wks., 2211 Norwood av, Norwood, Cincinnati, Ohio.
Cincinnati Beveling & Silvering Co., glass benders & bevelers, 430 Oliver, Cincinnati, Ohio.
Cincinnati Bickford Tool Co., Cincinnati, Ohio.
Cincinnati Blue Print Co., 141 E. 4th, Cincinnati, Ohio.
Cincinnati Brick Co., Addyston, Ohio.
Cincinnati Butchers' Supply Co., butchers' machy., meat choppers & slicers, 2008 Central av, Cincinnati, Ohio.
Cincinnati Can Co., oil, gasoline & pump cans, etc., 426 Culvert, Cincinnati, Ohio.
Cincinnati Car Co., Spring Grove & Mitchell av, Cincinnati, O.
Cincinnati Cement Products Co., garden furniture, window refrigerators, 2016 Dana av, Cincinnati, Ohio.
Cincinnati Cigar Box Co., gum lumber mfrs., 2d & John, Cincinnati, Ohio.
Cincinnati Clay Products & Supply Co., masons' & bldrs.' matls., Johnston Bldg., Cincinnati, Ohio.
Cincinnati Cloth Button Co., 536 Main, Cincinnati, Ohio.
Cincinnati Coffin Co., Richmond, Carr & Fillmore, Cincinnati, O.
Cincinnati Cornice Wks., 637 W. Court, Cincinnati, Ohio.
Cincinnati Crushed Stone & Gravel Co., Union Central Bldg., Cincinnati, Ohio.
Cincinnati Cushion Co., mattresses, 116 Opera pl, Cincinnati, O.
Cincinnati Electrical Tool Co., Cincinnati, Ohio.
Cincinnati Elevator Wks., machinists, 212 W. 2d, Cincinnati, O.
Cincinnati Envelope Co., 9th & Sycamore, Cincinnati, Ohio.
Cincinnati Fire-Proof Door Co., Cincinnati, Ohio.
Cincinnati Flag Pole Co., Bond Hill, Cincinnati, Ohio.
Cincinnati Floor Co., Eastern av & Linwood rd, Cincinnati, O.
Cincinnati Fly Screen Co., Gest & Evans, Cincinnati, Ohio.
Cincinnati Fdry. Co., Cincinnati, Ohio.
Cincinnati Frog & Switch Co., Madison rd, Oakley, Cincinnati, Ohio. *See adv index at end of book.*
Cincinnati Galvanizing Co., ash cans, galvanized iron & garbage pails, McMicken av & Tafel, Cincinnati, Ohio.
Cincinnati Gear Co., 1815 Reading rd, Cincinnati, Ohio.
Cincinnati Gear Cutting Machine Co., Elam & Garrard av, Cincinnati, Ohio.
Cincinnati Granite Wks., 4043 Spring Grove av, Cincinnati, O.
Cincinnati Grinder Co., Colerain & Alabama, Cincinnati, Ohio.
Cincinnati Hdwd. Lbr. Co., 2624 Colerain av, Cincinnati, Ohio.
Cincinnati Horse Shoe & Iron Co., Cleves, Ohio.
Cincinnati Iron Fence Co., Spring Grove av, Cincinnati, Ohio.
Cincinnati Iron & Steel Co., lathes, etc., Cincinnati, Ohio.
Cincinnati Lathe & Tool Co., North Oakley, Cincinnati, Ohio.
Cincinnati Lubricant Pump Co., Cincinnati, Ohio.
Cincinnati Mfg. Co., ornamental iron & bronze work, fireproof doors, etc., Cincinnati, Ohio. *See adv. index at end of book.*
Cincinnati Metal Refining Co., Babbitt metal, 1314 Dayton, Cincinnati, Ohio.
Cincinnati Milling Machine Co., Cincinnati, Ohio.
Cincinnati Oil Wks. Co., lubrg. oils, 525 Eggleston av, Cincinnati, Ohio.
Cincinnati Panel Co., auto. & carriage bodies, 1938 W. 8th, Cincinnati, Ohio.
Cincinnati Pattern Wks., Front & Lawrence, Cincinnati, Ohio.
Cincinnati Planer Co., South, Oakley, Cincinnati, Ohio.
Cincinnati Plate Glass Co., 319 W. 2d, Cincinnati, Ohio.
Cincinnati Pulley Machy. Co., pulley turning lathes, drilling & riveting machy., Covington, Ky.
Cincinnati Pump Co., Liberty & Clay, Cincinnati, Ohio.
Cincinnati Ry. Supply Co., wire rope clips, 13 E. 2d, Cincinnati, Ohio.
Cincinnati Rubber Mfg. Co., belting, hose, packing, etc., Cincinnati, Ohio.
Cincinnati Sash & Door Co., 942 W. 6th, Cincinnati, Ohio.
Cincinnati Scale Mfg. Co., 312 Walnut, Cincinnati, Ohio.
Cincinnati Screw Co., Mercantile Library Bldg., Cincinnati, O.
Cincinnati Sewer Pipe Co., 3716 Montgomery rd, Evanston, Cincinnati, Ohio.
Cincinnati Shaper Co., Elam & Garrard, Cincinnati, Ohio.
Cincinnati Sheet Metal & Roofing Co., 226 E. Front, Cincinnati, Ohio.

Cincinnati Soap Co., Sp. Grove & Clifton avs, Wn. pl, Cincinnati, Ohio.
Cincinnati Stamping Co., tinware, 24 W. McMicken av, Cincinnati, Ohio.
Cincinnati Steel Castings Co., Queen City & Spring Grove avs, Cincinnati, Ohio.
Cincinnati Storage Battery Co., 228 Stark, Cincinnati, Ohio.
Cincinanti Tech. School, engng. schools & coll., Cincinnati, Ohio.
Cincinnati Tent & Awning Co., tool rolls, 232 E. 3d, Cincinnati, Ohio.
Cincinnati Time Recorder Co., 9 Church, New York.
Cincinnati Tool Co., chisels, clamps, linemen's tools, etc., Norwood, Cincinnati, Ohio. *See adv index at end of book.*
Cincinnati Truss Hoop Co., 115 W. 2d, Cincinnati, Ohio.
Cincinnati Varnish Co., 2111 South, Cincinnati, Ohio.
Cincinnati Veneer Co., 1285 W. 6th, Cincinnati, Ohio.
Cincinnati Wire Bound Box Co., 213 Webster, Cincinnati, Ohio.
Ciralsky, Abraham, & Son, scrap iron, South Bend, Ind.
Cire Bros., brick, Donaldsonville, La.
Cisco Mach. Tool Co., engine lathes, Cincinnati, Ohio.
Cisler & Morse, contrs., Marietta, Ohio.
Cisler, Thos., & Co., brick, Marietta, Ohio.
Cissell, J. R., meat packers, Perryville, Mo.
Citico Furnace Co., Chattanooga, Tenn.
Citizens' Canning Co., Spiceland, Ind.
Citizens' Construction Co., 133 W. Washington, Chicago, Ill.
Citizens' Cotton Oil Co., meal, Cumby, Tex.
Citizens' Gas Co., by-products, coke, ammonia, tar, etc., 47 S. Penn, Indianapolis, Ind.
Citizens' Home Bldg. Co., Citizens' Bldg., Cleveland, Ohio.
Ciitzens' Lumber Co., Pillsbury & Territorial rd, Minneapolis, Minn.
Citizens' Lumber Co., Parkersburg, W. Va.
Citizens' Mill & Gin Co., flour, Alice, Tex.
Citizens' Sand & Gravel Co., Toledo, Ohio.
Citrus Soap Co., San Diego, Cal.
Cittenden, B. D., masons' & bldrs.' matls., Burton, Ohio.
City Boiler & Machine Co., 939 W. 8th, Kansas City, Mo.
City Brass Fdry. Co., castings, 5318 St. Clair av, Cleveland, O.
City Brass Wks., founders, Columbus, Ohio.
City Brass Wks., machsts. & fndrs., 159 N. Jefferson, Chicago, Ill.
City Button Wks., 376 2d av, New York.
City Carriage Wks., Ft. Wayne, Ind.
City Coal Co., masons' & bldrs.' matls., Pawtucket, R. I.
City Coal & Wood Co., masons' & bldrs.' matls., New Britain, Conn.
City Concrete & Coal Co., masons' & bldrs.' matls., 936 Woodward av, Detroit, Mich.
City Constr. Co., Pereles Bldg., Milwaukee, Wis.
City Cornice Works, Seattle, Wash.
City Cornices & Skylight Co., 267 W. 35th, New York.
City Engineering Co., machinists, Dayton, Ohio.
City Flour Milling Co., Statesville, N. C.
City Forge & Iron Works, 424 E. First, Dayton, Ohio.
City Foundry Co., 45th & Hamilton av, Cleveland, Ohio.
City Foundry Co., 2585 Pawtucket av, Providence, R. I.
City Foundry Co., Toledo, Ohio.
City Fuel & Supply Co., masons' & bldrs.' matls., Hammond, Ind.
City Gas Co., coal tar products, Norfolk, Va.
City Iron Fndry., Lowell, Mass.
City Iron Wks., Grand Ledge, Mich.
City Iron Wks. & Mach. Co., 522 S. Del. av, Philadelphia, Pa.
City Lumber Co., Jackson, Tenn.
City Lumber Co., Woonsocket, R. I.
City Lbr. & Coal Co., 590 W. Main, Waterbury, Conn.
City Lumber Yard, sash, door & blind, Iron Mountain, Mich.
City Machine Co., Cleveland, Ohio.
City Mach. & Tool Wks., Dayton, Ohio.
City Mill & Grain Co., flour, Columbia, Tenn.
City Mills Co., flour, Columbus, Ga.
City Ornamental Iron, Wire & Brass Wks., fndrs., San Diego, Cal.
City Ornamental Iron Works, 728 S. Main, Los Angeles, Cal.
City Paving & Constr. Co., 2064 W. 13th pl, Cleveland, Ohio.
City Point Concrete Co., 149 Greenwich av, New Haven, Conn.
City Purchasing Dept., City Hall, St. Paul, Minn.
City Sash & Door Co., 132 E. Lake, Minneapolis, Minn.
City Sash & Door Co., Seattle, Wash.
City Street Improvement Co., contractors & dock bldrs., 166 Geary, San Francisco, Cal.
City & Suburban Buildings Co., Fort Wayne, Iowa.
City Waste Disposal Co., 45 7th av, New York.
Civic Center Supply Co., masons' & bldrs.' matls., 603 Octavia, San Francisco, Cal.
Cizek Bros. Mfg. Co., portable grain elev., Clutier, Ia.
C. J. Mfg. Co., meters (coal), 3425 N. 5th, Philadelphia, Pa.
Clad, Victor V., Co., cooking app., 217-219 S. 11th, Phila., Pa.
Claflin, C. A., Co., boiler tube soot blowers & steam hose couplings mfrs., 161 High, Boston, Mass.
Claffin Engng. Co., rubber molds, Lancaster, Ohio.
Claflin, Fuller, architect, Elks Temple, Detroit, Mich.
Clafin, H. B., architect, Phoenix, Ariz.
Claflin Machine Co., Waterville, Me.
Claflin Mill & Elevator Co., Claflin, Kan.
Claflin, Waldo M., shoes (baseball & athletic), 1107 Chestnut, Philadelphia, Pa.
Claggett Saddletree Co., Jeffersonville, Ind.
Claiborne Av Sash Factory Co., 2460 N. Claiborne, New Orleans, La.
Claiborne, Johnston & Co., contractors, Garrett Bldg., Baltimore, Md.
Claire, Justinian, Co., chemical apparatus, 573 Market, San Francisco, Cal.
Clampitt & Moss, oil & gas well supplies, 959 E. 4th, Los Angeles, Cal.
Clancy Hardware Co., Syracuse, N. Y.
Clancy, J. R., hose clamps, etc., Syracuse, N. Y.
Clancy, R. L., machy. dlrs., Savannah, Ga.
Clancy, W. J., contractor, Ann Arbor, Mich.
Clapp & Abercrombie Co., architects, Greenfield, Mass.
Clapp, Alfred, lumber, 112 Water, Boston, Mass.
Clapp, B. P., Ammonia Co., Louisville, Ky.
Clapp, C. E., & Co., scrap iron & rubber, 170 Summer, Boston, Mass.
Clapp, Chalmers S., architect, Framingham, Mass.
Clapp, E. D., Mfg. Co., carriage hardware, etc., 300 Genesee, Auburn, N. Y.
Clapp, E. H., Rubber Co., reclaimed rubber, 49 Federal, Boston, Mass.
Clapp Eastham Co., wireless telegraph instruments mfrs., Cambridge, Mass.
Clapp Fire Resisting Paint Co., Bridgeport, Conn.
Clapp, Frank, architect, 723 Liberty av, Spokane, Wash.
Clapp, H. D. B., & Co., burlap, 824 N. American, Phila., Pa.
Clapp, J. M., contractor, Seattle, Wash.
Clapp, James Ford, archit., 20 Beacon, Boston, Mass.
Clapp & Treat, whol. hdwe. & mill & facty. supplies, 68 State, Hartford, Conn.
Clapp, Z. C., steam htg. contractors, Springfield, Mass.
Clarage Fan Co., centrifugal fans, North & Porter, Kalamazoo, Mich.
Clare Knitting Mills, knitted gloves, Saginaw, Mich.
Claremont Knitting Co., sweaters, cardigans, etc., 206 Stagg, Brooklyn, N. Y.
Claremont Paper Co., Claremont, N. H.
Claremore Mill & Elevator Co., flour, Claremore, Okla.
Clarendon Cotton Oil Co., meal, St. Paul, S. C.
Clarendon Marble Co., West Rutland, Vt.
Clarendon Refining Co., petroleum products, Clarendon, Pa.
Clarendon Torpedo Co., Titusville, Pa.
Clarinda Lawn Mower Co., Clarinda, Ia.
Clarion Gas Co., Oil City, Pa.
Clark, A. C., & Co., boiler flue cleaners, 1035 E. 76th, Chicago, Ill.
Clark, A. F. Lumber Co., wood cross arms, Peabody, Mass.
Clark, A. J., Co., anchor straps, Salem, Ohio.
Clark, A. L., Lumber Co., Glenwood, Ark.
Clark, A. L., Stone Co., Elizabeth, N. J.
Clark, A. N., & Son, machsts. & fndrs., Plainville, Conn.
Clark, A. R., & Co., contractors, 30 N. Michigan av, Chicago, Ill.
Clark, Allen, & Co., handles, New Britain, Ohio.
Clark, Allison P., Co., contractors, Montclair, N. J.
Clark, Alvan, & Sons Corp., telescopes, Cambridge, Mass.
Clark, Andrew R., flour mills, Lottsburg, Va.
Clark, Appleton P., Jr., architect, 816 14th, N. W., Washington, D. C.
Clark, Archibald G., architect, Lowman Bldg.,
Clark & Arms, architects, 542 5th av., New York.
Clark & Bates Lbr. Co., sash, door & blind mfrs., Commerce Bldg., Kansas City, Mo.
Clark Blade & Razor Co., 119 Sussex av, Newark, N. J.
Clark Body Co., auto. metal bodies, Water, Amesbury, Mass.
Clark & Boice Lbr. Co., Dallas, Tex.
Clark Brick & Tile Co., Clark, N. C.
Clark Bros., flour, Troy, Kan.
Clark Bros., htg. contractors, 1228 Locust, Philadelphia, Pa.
Clark Bros., masons' & bldrs.' matls., Cambridge, Mass.
Clark Bros. Bolt Co., bolts, nuts, screws & rivets, mfrs., Milldale, Conn. *See adv index at end of book.*
Clark Bros. Co., machsts. & fndrs., Olean, N. Y.
Clark Bros. & Co., sash, door & blind, Plymouth, Pa.
Clark Bros. Cutlery Co., 926 B'way, Kansas City, Mo.
Clark Bros. Pottery Co., Cannelton, Ind.
Clark, Burton S., architect, 747 Main, Hartford, Conn.
Clark, C. B., & Co., contractors, Commonwealth Bk. Bldg., Baltimore, Md.
Clark, C. C., & Son, fertilizer mfrs., Mt. Ephraim, N. J.
Clark, C. Everett, Co., contractors, 69 W. Washington, Chicago, Ill.
Clark, C. L., sweep horse powers, St. Johnsburg, Vt.
Clark, C. N., & Co., stone producers, Urbana, Ill.
Clark, C. W., architect, Cortland, N. Y.
Clark Cadle Harmon Corp., metal novelties, Rochester, N. Y.
Clark Car Co., industrial, mine, ore & railroad cars, etc., Oliver Bldg., Pittsburgh, Pa.
Clark Cast Steel Cement Co., elastic, iron & pipe joint cements, Shelton, Conn.
Clark Caster Co., machsts. & fndrs., Plainville, Conn.
Clark, Chas. J., air meters, 1716 W. Adams, Chicago, Ill.
Clark, Chas. R., architect, Champaign, Ill.
Clark, Chas. S., architect, 443 E. Tremont av, New York.
Clark, Chester N., architect, Beverly, Mass.

Clark Co., iron & steel nipples, West Newton, Pa.
Clark & Co., contractors, 225 5th av, New York.
Clark & Co., lbr., sash, door & blind mfrs., 515 Hunterdon, Newark, N. J.
Clark & Co., stone producers, wkrs., dealers, 4415 Fkd., Philadelphia, Pa.
Clark & Co., turpentine, Bonifay, Fla.
Clark Construction Co., Danville, Ill.
Clark Construction Co., 928 B'way, Kansas City, Mo.
Clark County Construction Co., Winchester, Ky.
Clark County Lumber Co., Springfield, Ohio.
Clark County Oil & Fertilizer Co., Athens, Ga.
Clark & Craighead, contractors, 6346 Opal, Philadelphia, Pa.
Clark, Cyrus B., dowels, Grand Rapids, Mich.
Clark, D. M., cornices & skylights, Marquette, Mich.
Clark, D. N., masons' & bldrs.' matls., Shelton, Conn.
Clark, D. P., archit., Bay City, Mich.
Clark, D. W., & Co., aluminum castings, 280 First, Boston, Mass.
Clark-Danforth Handle Co., Cairo, Ill.
Clark, David H., Co., contractors, 166 Brewery, New Haven, Conn.
Clark & Durham, flour mills, Franklin, Ky.
Clark Dust Collecting Co., Fisher Bldg., Chicago, Ill.
Clark, E. C., Motor Co., machinists, Jackson, Mich.
Clark, E. R., Co., machinists, Hartford, Conn.
Clark, Earl S., & Co., industrial engnrs., Turks Head Bldg., Providence, R. I.
Clark, Edred W., machinist, Hartford, Conn.
Clark, Edw. S., auto. engines, Boston, Mass.
Clark, Edwin H., archit., 6 N. Michigan av, Chicago, Ill.
Clark, Elbert N., contractor, Milford, Conn.
Clark Elec. & Mfg. Co., 149 B'way, New York.
Clark Elec. Meter Co., 215 S. Clinton, Chicago, Ill.
Clark, Elizabeth B., landscape architect, 235 S. 11th Phila., Pa.
Clark Engine & Boiler Co., steam engines & boilers, Kalamazoo, Mich.
Clark Equipment Co., tools, Buchanan, Mich.
Clark, F. Alton, architect, Naugatuck, Conn.
Clark, F. C., petrotatum, 316 Kinzie, Chicago, Ill.
Clark, F. N., lbr. mfrs., Manton, Mich.
Clark, F. R., granite, Concord, N. H.
Clark & Flanagan, switchboards, Fair Haven, Vt.
Clark Flexible Coupling Co., 27 Walker, New York.
Clark Flexible Metallic Packing Co., Portland, Me.
Clark Fndry. Co., Rumford, Me.
Clark Fndry. Co., grey iron castings, 1327 Osage, Denver, Colo.
Clark, Fred G., Co., chemicals, 1081 W. 11th, Cleveland, Ohio.
Clark, G. A., Co., sash, door & blind mfrs., Sidney, N. Y.
Clark, G. Aldersey, landscape archt., 46 Cornhill, Boston, Mass.
Clark, Gardner, masons' & bldrs.' matls., Philadelphia, N. Y.
Clark, Gay, Mfg. Co., spokes, Little Rock, Ark.
Clark, Geo. C., Metal Last Co., machsts., Mishawaka, Ind.
Clark, Geo. D., masons' & bldrs.' matls., Blossburg, Pa.
Clark, Geo. H., & Co., hosiery boards, Meredith, N. H.
Clark, Geo. M., & Co., gas heaters, stoves, ovens, etc., 179 N. Michigan av, Chicago, Ill.
Clark, George P., Co. (The), trucks, casters, fans & wringing machines, mfrs., Windsor Locks, Conn.
Clark, Geo. W., tin cans, 252 Water, New York.
Clark-Graham Co., canned goods, Tacoma, Wash.
Clark Grain & Fuel Co., masons' & bldrs.' matls., Chippewa Falls, Wis.
Clark Grave Vault Co., burial vaults, Columbus, Ohio.
Clark, H. C., & Son Machine Co., paper mill machy., Lee, Mass.
Clark, H. E., & Bros., door lock, etc., mfrs., (Brighton), Rochester, N. Y.
Clark, H. H., architect, 7 South Excelsior av, Butte, Mont.
Clark, H. W., Co., machsts. & fndrs., Mattoon, Ill.
Clark, H. W., Leather Co., Woburn, Mass.
Clark, H. W., & Son, machsts. & fndrs., Denison, Tex.
Clark, Haniel, & Son, sash, door & blind, Union City, Pa.
Clark, Haniel, & Son Co., sash, door & blind mfrs., Corry, Pa.
Clark Hardware Co., Black Hawk, Colo.
Clark Hardware Co., Jamestown, N. Y.
Clark, Harlan M., architect, New England Bldg., Cleveland, Ohio.
Clark & Henery Construction Co., Stockton, Cal.
Clark, Henry N., Co., hot air furnaces, 56 Union, Boston, Mass.
Clark, Herd Mfg. Co., tables (billiard, pool), 2419 N. Front, Philadelphia, Pa.
Clark Implement Co., machsts. & fndrs., Council Bluffs, Ia.
Clark, J. A., sash, door & blind, Point Marion, Pa.
Clark, J. Alfred, machsts. & fndrs., 35th & Gray's Ferry rd, Philadelphia, Pa.
Clark, J. B., architect, Henry Bldg., Portland, Ore.
Clark, J. C., machsts. & fndrs., Atlanta, Ga.
Clark, J. G., lumber mfr., Beirne, Ark.
Clark, J. L., Carriage Co., carriages, trucks, & wagons, 519 High, Oshkosh, Wis.
Clark, J. L., Mfg. Co., boxes, tin cans, flour sifters, etc., Rockford, Ill.
Clark, J. M., steam engines, Whitestone, L. I., N. Y.
Clark, J. N., masons' & bldrs.' matls., Milford, Ohio.
Clark, J. R., Co., packing box mfrs., 2d av, N., & Aldrich av, Minneapolis, Minn.
Clark, Jas., Dist. Co., Cumberland, Md.
Clark, Jas. F., cornices, 15 Grant ct, Detroit, Mich.
Clark, Jas., Jr., Electric Co., machsts., Louisville, Ky.
Clark, Jas. S., granite, Rutland, Vt.
Clark, Jas. T., Co., machsts. & fndrs., 70 Adams, Newark, N. J.
Clark, John, & Sons, contrs., Nanticoke, Pa.
Clark, Jno., sash, door & blind mfrs., 231 Hopkinson av, Brooklyn, N. Y.
Clark, John C., & Son, contrs., 1925 Penna. av, Baltimore, Md.
Clark, Jno., Saddlery Co., Portland, Ore.
Clark, Josiah, stone producers, Quakertown, Pa.
Clark, L. D., & Son, canned goods, Eastport, Me.
Clark & Lee Co., contractors, 201 Devonshire, Boston, Mass.
Clark Lumber Co., Auburn, N. Y.
Clark Lbr. Co., Millwood, Ore.
Clark, M. F., contractor, Youngstown, Ohio.
Clark Machine Co., St. Johnsville, N. Y.
Clark Machy Co., boring tools, 1302 Ontario, Cleveland, Ohio.
Clark Mach. & Fdry. Co., textile machy., supplies, etc., Franklin, Mass.
Clark, MacMullen & Riley, heating & ventg. engrs., 101 Park av, New York.
Clark Mfg. Co., brick, Moseleyville, Ky.
Clark Mfg. Co., coffins, etc., Providence, R. I.
Clark Mfg. Co., horse blankets, West Newton, Mass.
Clark, Melville, Piano Co., 410 S. Michigan av, Chicago, Ill.
Clark Mile End Spool Cotton Co., East Newark, N. J.
Clark Milling Co., flour, Augusta, Ga.
Clark & Mills Elec. Co., Cambridge, Mass.
Clark, Morton, architect, 3118 1st, Des Moines, Ia.
Clark, N. & Sons, brick & tile, 116 Natoma, San Francisco, Cal.
Clark-Nickerson Lumber Co., Everett, Wash.
Clark & Norton Mfg. Co., machsts. & fndrs., Wellsville, N. Y.
Clark, O. L., architect, Bakersfield, Cal.
Clark Paint, Oil & Glass Co., Rochester, N. Y.
Clark Paper & Mfg. Co., Rochester, N. Y.
Clark & Pearce, granite, S. Quincy, Quincy, Mass.
Clark, Peter, Iron Wks., 406 W. 30th, New York.
Clark Pressed Brick Co., Malvern, Ark.
Clark, R. F., husking hooks, 54 W. Lake, Chicago, Ill.
Clark, R. S., & Son, labels & tags, Cohoes, N. Y.
Clark-Ray-Johnson Co., turpentine, Hernando, Fla.
Clark-Rhodes Lbr. Co., Richmond, Va.
Clark, Robert C., architect, U. S. Yards, Chicago, Ill.
Clark, Robt. E., Thread Co., Chester, Pa.
Clark & Roberts Co., dental & hospital furniture, Indianapolis, Ind.
Clark & Russell, architects, 110 Tremont, Boston, Mass.
Clark, S. L., & Son, lbr. mfrs., Larishville, N. Y.
Clark, Sam'l (Est. of), brick, Eliot, Me.
Clark-Smith Hardware Co., Peoria, Ill.
Clark & Son Co., lbr. sashes & doors, Corry, Pa.
Clark Supply House, steam fitters' supplies, Noblesville, Ind.
Clark, T. B., & Co., cut glassware, Honesdale, Pa.
Clark, T. E., Jr., lime mfrs., 1305 N. J. av, Washington, D. C.
Clark, T. F., & Co., coal chutes, Salem, Ohio.
Clark, T. F., & Co., cornices & skylights, Seattle, Wash.
Clark Textile Co., knitted gloves, Saratoga Springs, N. Y.
Clark Thread Co., Clark, Newark, N. J.
Clark, Tom, architect, Fremont, Neb.
Clark & Tunison, contractors, 17 Queens, Long Island City, N. Y.
Clark, W. E., architect, 506 Frear Bldg., Troy, N. Y.
Clark, W. Emery, architect, Bakewell Bldg., Pittsburgh, Pa.
Clark, W. J., Co., textile machy., supplies, etc., Salem, Ohio.
Clark, W. L., Co., advtg. signs, 115-117 Nassau, New York.
Clark, W. L., & Co., canned goods, Vale, Md.
Clark, W. N., Co., canned goods, Rochester, N. Y.
Clark, Walter, mill & facty. supplies, Clarksdale, Miss.
Clark, Wm. C., machsts. & fndrs., Franklin, Mass.
Clark, Wm. J., contractor, Carnegie, Pa.
Clark, Wm. J., archit., 4850 Blackstone av, Chicago, Ill.
Clark, Wm. L., architect, Alexandria, Va.
Clark & Wilson Lbr. Co., Linnton, Ore.
Clarke, A. B., & Son Hardware Co., 1215 E. Main, Richmond, Va.
Clarke, Audley, Co., masons' & bldrs.' matls., 527 Smith, Brooklyn, N. Y.
Clarke Can Co., boxes & cans (sitho metal), 12th & Fitzwater, Philadelphia, Pa.
Clarke, Chas. A., masons' & bldrs.' matls., Jennings, La.
Clarke, Chas., & Co., contractors, Galveston, Tex.
Clarke-Conroy Co., stone producers, Norwich, N. Y.
Clarke Construction Co., Clinton, Ia.
Clarke & Courts, architects & engineers' instruments & supplies, Galveston, Tex.
Clarke, F. H., Mfg. Co., concrete mixers, 10719 Superior av, Cleveland, Ohio.
Clarke, Frederick W. & Edwin B., architects, Brandeis Bldg., Omaha, Neb.
Clarke Gas Engine Co., machsts., Evansville, Ind.
Clarke & Harrison, machy. dlrs., 149 B'way, New York.
Clarke & Howe, architects, Turk's Head Bldg., Providence, R. I.
Clarke, J. J., Co., Ltd., masons' & bldrs.' matls., 1111 Julia, New Orleans, La.
Clarke, J. O., Tank Co., Crawfordsville, Ind.
Clarke Machinery Co., San Diego, Cal.
Clarke, Robt., bath room fix. & furnishings, 100 Schermerhorn, Brooklyn, N. Y.

Clarke, T. A., Co., contractors, 122 Livingston, Brooklyn, N. Y.
Clarke, W. M., architect, Metz Bldg., Grand Rapids, Mich.
Clarke, Wm., & Sons, damasks (cotton), Cedar & Margaret, Philadelphia, Pa.
Clarke, Wm. Wirt, & Son, masons' & bldrs.' matls., Monument & Forest, Baltimore, Md.
Clarke & Winston Co., contractors, 10th & Wharf, S. W., Washington, D. C.
Clarke's Brass Fdry., Kansas City, Mo.
Clarke's Saw & Mach. Wks., saw blades, 66 Alpine, Newark, N. J.
Clarks, A. H., Son, contractors, 275 High, Newark, N. J.
Clark's Foundry, grey iron castings, 1327 Osage, Denver, Colo.
Clark's Iron Fdry., Bayonne, N. J.
Clarksburg Casket Co., Clarksburg, W. Va.
Clarksburg Glass Co., benders, Clarksburg, W. Va.
Clarksburg Opalescent Glass Works, Clarksburg, W. Va.
Clarksburg Pottery Co., Clarksburg, W. Va.
Clarksdale Machinery Supply Mfg. Co., Clarksdale, Miss.
Clarkson & Ford Co., lubrg. oils., 55 Water, New York.
Clarkson Glue Co., 3259 Shields av, Chicago, Ill.
Clarkson, John T., contractor, Hagerstown, Md.
Clarkson Mfg. Co., pulley mortising machines, Lancaster & Dallas, Baltimore, Md.
Clarkson Memorial School of Technology, engng. school & col., Potsdam, N. Y.
Clarkson Milling Co., flour, Clarkson, Ky.
Clarkson School of Technology, Potsdam, N. Y.
Clarksville Fdry. & Mach. Works, Clarksville, Tenn.
Charlotte Leather Belting Co., Charlotte, N. C.
Clary Bros., carriages, Troy, N. Y.
Clas, A. C., architect, Colby-Abbott Bldg., Milwaukee, Wis.
Clason Architectural Metal Works, roofing & sheet metal contractors, 428 Kinsley av, Providence, R. I.
Clason Map Co., Denver, Colo.
Classe, F. M., mattresses, 2727 S. B'way, St. Louis, Mo.
Clauberg, F. A., & Co., razor & cutlery mfrs., 27 Park pl, New York.
Claude & Starck, architects, Madison, Wis.
Claudius, Chas. W., architect, Richmond, Cal.
Claudius, Henry F., architect, Asheville, N. C.
Clauer, Ernst C., architect, 2447 North av, Milwaukee, Wis.
Claus Automatic Gas Cock Co., brass castings, 1614 Booth, Milwaukee, Wis.
Clausen, Arthur C., architect, Lumber Ex., Minneapolis, Minn.
Clausen, Chas. O., architect, Hearst Bldg., San Francisco, Cal.
Clausen, H. C., Iron Wks., 433 E. 74th, New York.
Clausen & Kruse, architects, Central Office Bldg., Davenport, Ia.
Clausen, N. C., Arch. Iron Co., Albany, N. Y.
Clauser, W. H., & Sons, contractors, Delphi, Ind.
Clausmeier & Archer, machsts., Ft. Wayne, Ind.
Clausnitzer, John, architect, 272 3d av, New York.
Clauss, N. J., meat packers, Sacramento, Cal.
Clauss Shear Co., Fremont, Ohio.
Claussen & Claussen, architects, Macleary Bldg., Portland, Ore.
Claverie, A. J., & Co., tallow, New Orleans, La.
Claviola Co., pianos, 520 W. 48th, New York.
Clawson Chemical Co., Ridgway, Pa.
Clawson, L. E., Co., sewer pipes, chimney tops, 80 Page, San Francisco, Cal.
Clawson Mach. Co., Flagtown, N. J.
Clay Contrg. & Bldg. Matl. Co., 369 E. 167th, New York.
Clay County Cotton Oil Co., cottonseed meal, West Point, Miss.
Clay County Mill & Elevator Co., Piggott, Ark.
Clay County Oil Mill & Fertilizer Co., Lineville, Ala.
Clay County Steam Brick Wks., Green Coal Springs, Fla.
Clay Engine Co., 6950 Kinsman rd, Cleveland, Ohio.
Clay, Jno. H., machsts. & fndrs., 1320 Ridge av, Philadelphia, Pa.
Clay Product Co., 175 W. Jackson blvd., Chicago, Ill.
Clay, Wm. W., architect, 226 S. La Salle, Chicago, Ill.
Claybrook-Neale Packing Co., Bowlers Wharf, Va.
Claycraft Brick Co., Columbus, Ohio.
Claycraft Builders Supply Co., Hartman Bldg., Columbus, Ohio.
Claymont Brick Wks., common, New Cumberland, W. Va.
Clayson, Edw., contractors, 1307 N. Harding, Chicago, Ill.
Clayton Air Compressors Wks., 115 B'way, New York.
Clayton Bros., Inc., cutlery, shears, etc., Bristol, Conn.
Clayton Canning Co., Clayton, Del.
Clayton, Geo. A., contractor, Atlanta, Ga.
Clayton, J. M., & Co., canned goods, Hoopersville, Md.
Clayton, John, Plow Co., Minneapolis, Minn.
Clayton & Lambert Mfg. Co., mfrs. of small tools and automobile accessories, 205 Piquette av E., Detroit, Mich.
Clayton Lbr. Co., masons' & bldrs.' matls., South River, N. J.
Clayton-Marlborough Mfg. Co., vacuum cleaners, Rochester, N. Y.
Clayton, Nicholas J., architect, 1205 35th, Galveston, Tex.
Clayton Oil Mill, fertilizer, Clayton, N. C.
Clayton's, Frank B., Sons, racks (trunk, automobile), 1227 N. 11th, Philadelphia, Pa.
Clayville Fndry. & Mach. Co., Clayville, N. Y.
Clayville Paper Mills Co., Clayville, N. Y.
Clayworker, trade publication, Indianapolis, Ind.
Cleaner Mfg. Co., polishes, 2842 Olive, St. Louis, Mo.
Cleanola Co., metal polish, Fulton Bldg., Pittsburgh, Pa.
Cleanso Spec. Co., soap, Cambridge, Mass.
Clear Creek Lbr. Co., Reeves, La.
Clearfield Brick Mfg. Co., Clearfield, Pa.
Clear Lake Lumber Co., Clear Lake, Wash.
Clearfield Clay Working Co., brick, Clearfield, Pa.
Clearfield Fire Brick Co., Clearfield, Pa.
Clearfield Hardware Co., Clearfield, Pa.
Clearfield Mach. Shops, sand sifters, Clearfield, Pa.
Clearfield Millwork & Lumber Co. (Ltd.), Clearfield, Pa.
Clearfield Sewer Pipe Co., Clearfield, Pa.
Cleary Bros., lumber, Bow, Wash.
Cleary, J. E., tubular boilers, Spokane, Wash.
Cleary, Peter, contractor, 115 Marton, Brooklyn, N. Y.
Cleary-White Construction Co., 105 W. Monroe, Chicago, Ill.
Cleaton, J. A., lbr. mfrs., Ruston, La.
Cleaver & Leather, mill & facty. supplies, Paterson, N. J.
Cleburne Fdry. Co., Cleburne, Tex.
Cleerman Land & Lumber Co., Green Bay, Wis.
Cleese, John P., Co., 18th & York, San Francisco, Cal.
Clegg, F. A., & Co., steam htg. contrs., Louisville, Ky.
Clegg, Jno. W., & John, heating contrs., Ottawa, Ill.
Clegg Mfg. & Tool Co., jigs, fixtures, gages, metal stampings & spec. machy. mfgrs., Attleboro, Mass.
Clegg, R. H., brick, Durham, N. C.
Cleghorn Co., htg. contrs., 54 Batterymarch, Boston, Mass.
Cleland, G. A., contractor, Kankakee, Ill.
Cleland Mfg. Co., agricultural implements, 280 Washington av, N., Minneapolis, Minn.
Clem Bros., masons' & bldrs.' matls., Staunton, Va.
Clem, John M., & Son, flour mills, Malvern, Ark.
Clemence, Geo. H., architect, 405 Main, Worcester, Mass.
Clemence, J. C., architect, Deer Park, Wash.
Clemens Elect'l Corp., 725 Main, Buffalo, N. Y.
Clemens, John, machsts., 1922 S. 7th, St. Louis, Mo.
Clement, A. D., meat packers, Danville, Va.
Clement Coverall Co., baking enamels, Camden, N. J.
Clement, F. H., & Co., contractors, Land Title Bldg., Phila., Pa.
Clement, Hugh B., architect, Penobscot Bldg., Detroit, Mich.
Clement, J. L., & Sons, lumber, Gobleville, Mich.
Clement, L. D., toys, North Weave, N. H.
Clement Mfg. Co., cutlery mfrs., Northampton, Mass.
Clement Mfg. Co., paper bailing presses, Adrian, Mich.
Clement, W. D., machsts., Waltham, Mass.
Clements, A. J., & Son, masons' & bldrs.' matls., Massillon, O.
Clements, Chas., granite producers, Boston, Mass.
Clements, G. C., architect, Bishop, Cal.
Clements Mfg. Co., hand vacuum cleaners, 609 Fulton, Chicago, Ill.
Clemetsen Co., desks, 2607 Flournoy, Chicago, Ill.
Clemm, Robert C., architect, 9 Clinton, Newark, N. J.
Clemons, C. B., Co., pianos, 1513 W. Madison, Chicago, Ill.
Clemons, Chas. H., lumber, Montesano, Wash.
Clemons, L. J., architect & contractor, Youngstown, Ohio.
Clemons Mach Co., sand papering machs., Hornell, N. Y.
Clemson Bros., saws, Middletown, N. Y.
Clemson College, engng. school & coll., Clemson College, S. C.
Clemson Knife Co., Woburn, Mass.
Clendenin Bros., copper products mfrs., Baltimore, Md.
Cleophas, Chas., & Co., advtg. spec., Beloit, Wis.
Clepper, E. E., architect, Sharon, Pa.
Clepper, H. C., architect, Park Bldg., Pittsburgh, Pa.
Clergy, Stephen, Jr., architect, 124 Demond pl, Buffalo, N. Y.
Clerkin, Andrew J., cornices, New Haven, Conn.
Clermont Brick Co., Batavia, Ohio.
Clermont Sewer Pipe Co., Clermont, Pa.
Clermont Sewer Pipe Co., 50 Church, New York.
Clernand & Co., freight elevators, etc., 359 W. B'way, New York.
Cleveland-Akron Bag Co., Cleveland, Ohio.
Cleveland, Alden T., Mfg. Co., polishes & shoe blacking, 125 Broad, Boston, Mass.
Cleveland Alloys Co., babbit metal, Elm & Superior, Cleveland, O.
Cleveland Aluminum Casting Co., 905 Addison rd, 1386 E. 40th, Cleveland, Ohio.

CLEVELAND ARMATURE WORKS

4736 St. Clair av, Cleveland, O.

See adv. index at end of book.

Cleveland Art Metal Co., bronze arch., bank & office railings, 3620 Superior, Cleveland, Ohio.
Cleveland Art Silk Co., Cleveland, Ohio.
Cleveland Auto Top & Trimming Co., 2084 E. 22d, Cleveland, O.
Cleveland Automatic Machine Co., Cleveland, Ohio.
Cleveland Belting & Machine Co., mchy. dealers, 1922 Scranton rd, Cleveland, Ohio.
Cleveland Billiard & Mfg. Co., 306 Prospect av, N. E., Cleveland, Ohio.
Cleveland Block Co., tackle, 1173 W. 11th, Cleveland, Ohio.
Cleveland Blow Pipe & Mfg. Co., 6950 Kinsman rd, Cleveland, O.
Cleveland Bolt & Mfg. Co., Cleveland, Ohio.
Cleveland Box Co., lumber, shooks, Cleveland, Ohio.
Cleveland Brass & Copper Mills, Inc., 321-324 Guardian Bldg., Cleveland, Ohio.
Cleveland Brass Mfg. Co., plumbers' brass goods, 4606 Hamilton av, Cleveland, Ohio.
Cleveland Brass Works, machsts. & fndrs., Cleveland, Ohio.

Cleveland Brewers' Supply Co., mchy, 1506 W. 25th, Cleveland, Ohio.
Cleveland Brick & Clay Co., B. of L. E. Bldg., Cleveland, Ohio.
Cleveland Brick Machy. Co., Wickliffe, Ohio.
Cleveland Builders' Supply Co., Leader-News Bldg., Cleveland, O.
Cleveland Burial Case Co., 2274 St. Clair av, N. E., Cleveland, O.
Cleveland Button Co., Cleveland, Ohio.
Cleveland Canning Co., Cleveland, Wis.
Cleveland-Canton Spring Co., Canton, Ohio.
Cleveland Car Specialty Co., carlines, Lakeside, opp. E. 45th, Cleveland, Ohio.
Cleveland Castings Patterns Co., 1930 E. 61st, Cleveland, Ohio.
Cleveland Chain & Mfg. Co., hooks, shackle, chain, etc., 2 A. B. C. R. R., Cleveland, Ohio.
Cleveland Chandelier Co., 1522 Brownell Court, Cleveland, O.
Cleveland Chaplet & Mfg. Co., 1197 W. 67th, N. W., Cleveland, Ohio.
Cleveland City Forge & Iron Co., Cleveland, Ohio.
Cleveland Cliffs Iron Co., blast furnace, chemicals & oils, Rockefeller Bldg., Cleveland, Ohio.
Cleveland Coffin & Casket Co., Cleveland, Tenn.
Cleveland Column Co., 1826 Columbus rd, Cleveland, Ohio.
Cleveland Constr. Co., Citizens Bldg., Cleveland, Ohio.
Cleveland Co-Operative Stove Co., 2323 E. 67th, Cleveland, O.
Cleveland Crane & Engineering Co., Wickliffe, Ohio.
Cleveland Cream Separator Co., 6613 Hough, Cleveland, Ohio.
Cleveland Cyclone Fence Co., steel, 1230 E. 55th, Cleveland, O.
Cleveland Dental Supply Co., time & automatic switches, 623 Rose Bldg., Cleveland, Ohio.
Cleveland Die & Mfg Co., 748 E. 82d, Cleveland, Ohio.
Cleveland Dock Engineering Co., Citizens Bldg., Cleveland, Ohio.
Cleveland Dustout Co., compounds, sweepings, 2100 E 55th, Cleveland, Ohio.
Cleveland Elbow Mfg. Co., stove pipe & elbow mfrs., 1615 Merwin, N. W., Cleveland, Ohio.
Cleveland Electro Metals Co., machsts. & fndrs., 2397 W. 38th, Cleveland, Ohio.
Cleveland Engineering Agcy. Co., employment agency, Rose Bldg., Cleveland, Ohio.
Cleveland & Erie Machy. Co., dlrs., Cleveland, Ohio.
Cleveland Fabric Belting Co., 1471 W. 110th, Cleveland, Ohio.
Cleveland Fare Box Co., 5318 St. Clair av, Cleveland, Ohio.
Cleveland Faucet Co., machsts. & fndrs., Cleveland, Ohio.
Cleveland Feed Water Regulator Co., Tennyson rd, Cleveland, O.
Cleveland Flue Cleaner Mfg. Co., emery wheel dressers, 321 Frankfort av., N. W., Cleveland, Ohio.
Cleveland Flush Meter Co., valves flushing, 118 Noble ct, Cleveland, Ohio.
Cleveland Folding Machine Co., mchy., Cleveland, Ohio.
Cleveland Frog & Crossing Co., Cleveland, Ohio.
Cleveland Furnace Co., Clark av S. W. & Cuyahoga River, Cleveland, Ohio.
Cleveland Galvanizing Works Co., chain mfrs., 3924 Cooper av, Cleveland, Ohio.
Cleveland Gas & Electric Supply Co., 940 Prospect av, S. E., Cleveland, Ohio.
Cleveland Gear Works, Cleveland, Ohio.
Cleveland & Godfrey, architects, 15 Beacon, Boston, Mass.
Cleveland Hardware Co., hardware mfrs., Cleveland, Ohio.
Cleveland Hardwood Floor Co., Cleveland, Ohio.
Cleveland Heater Co., 1905 W. 112th, Cleveland Ohio.
Cleveland Iron Ore Paint Co., Cleveland, Ohio.
Cleveland, J. W., Hardware Co., 81 B'way, Paterson, N. J.
Cleveland Knife & Forge Co., 1960 W. 114th, Cleveland, Ohio. *See adv. index at end of book.*
Cleveland Lathe & Machy. Co., Whitney Power Bldg., Cleveland, Ohio.
Cleveland Laundry Machinery Mfg. Co., 5184 Fowler av S. E., Cleveland, Ohio.
Cleveland Lawn Weeder Co., Cleveland, Ohio.
Cleveland Leather Goods Co., traveling bags, 28 Noble ct, Cleveland, Ohio.
Cleveland Lock Wks., shelf brackets, husking gloves, hinges, etc., Cleveland, Ohio.
Cleveland Lumber Co., sash, door & blind, 8617 Buckeye rd, Cleveland, Ohio.
Cleveland Lumber & Mfg. Co., Cleveland, Tenn.
Cleveland Machine & Mfg. Co., machsts. & fndrs., presses, etc., Cleveland, Ohio.
Cleveland Mach. Screw Co., Cleveland, Ohio.
Cleveland Machine Tool Works, Cleveland, Ohio.
Cleveland Machy. & Supply Co., drilling mach., etc., Cleveland Nat'l. Bank Bldg., Cleveland, O.
Cleveland Machinery & Supply Co., Cleveland, Tenn.
Cleveland Magneto Watchman's Clock Co., 150 Nassau, N. Y.
Cleveland Mantel & Tile Co., laundry tubs, slate, 1426 E. 30th, Cleveland, Ohio.
Cleveland Mfg. & Supply Co., boiler compounds, Wade Bldg., Cleveland, Ohio.
Cleveland Material Co., masons' & bldrs.' mtls., Cleveland, Ohio.
Cleveland Metal Pattern Co., patterns & models, 728 Frankfort av, Cleveland, Ohio.
Cleveland Metal Products Co., cooking utensils, oil heaters, etc., 7609 Platt av, and C. & P. tracks, Cleveland, Ohio.
Cleveland Metal Roofing & Ceiling Co., cornices & skylights, 3105 Detroit av, Cleveland, Ohio.
Cleveland Metal Stamping Co., Cleveland, Ohio.
Cleveland Metal Treating & Welding Co., case hardening, 4829 Lexington av N. E., Cleveland, Ohio.
Cleveland Metalcraft Co., Cleveland, Ohio.
Cleveland Mill & Power Co., clothes lines, Lawndale, N. C.
Cleveland Mill Supply Co., power transmitting appliances, Guardian Bldg., Cleveland, Ohio.
Cleveland Milling Co., flour, Cleveland, Tenn.
Cleveland Milling Machine Co., 18511 Euclid av, Cleveland, O.
Cleveland, Mortimer B., architect, Waterloo, Ia.
Cleveland Motor Cycle Mfg. Co., 7209 Platt av, Cleveland, Ohio.
Cleveland National Machine Co., 1366 W. 70th, Cleveland, O.
Cleveland Natural Gas Supply Co., fireless cookers, 222 High, Cleveland, Ohio.
Cleveland Nickel Wks., tumbling & cinder mills, etc., 1167 W. 67th, Cleveland, Ohio.
Cleveland-Oconee Lumber Co., Oconee, Ga.
Cleveland Osborn Mfg. Co., fndry. supp's., brushes, etc., 4505 Hamilton av, Cleveland, Ohio.
Cleveland Paper Mfg. Co., Cleveland, Ohio.
Cleveland Planer Works, Cleveland, Ohio.
Cleveland Plating Co., electroplating, 3610 Superior, Cleveland, Ohio.
Cleveland Plumbing Supply Co., 1017 Walnut, Cleveland, Ohio.
Cleveland Pneumatic-Tool Co., 3734 E. 78th, Cleveland, Ohio.
Cleveland Power Transmission Co., machinery dealers, Garfield Bldg., Cleveland, Ohio.
Cleveland Pressed Steel Co., stamping works, Harvard av, Cleveland, Ohio.
Cleveland Provision Co., 2527 Canal rd, Cleveland, Ohio.
Cleveland Punch & Shear Works Co., 3921 St. Clair av N. E., Cleveland, Ohio.
Cleveland Puncture Proof Tire Co., Columbus, Ohio.
Cleveland Pure Food Co., canned, 3520 Princeton av, Chicago, Ill.
Cleveland Railbond Co., 3727 E. 78th, Cleveland, Ohio.
Cleveland Ry. Supply Co., clamps, creepers, fasteners, guardrails, switches, etc., Cleveland, Ohio.
Cleveland Rock Drill Co., drills, Cleveland, Ohio.
Cleveland Rule Co., 2190 W. 59th, Cleveland, Ohio.
Cleveland Salt Co., 2295 Ashland rd S. E., Cleveland, Ohio.
Cleveland Seating Co., school furniture, 554 Rose Bldg., Cleveland, Ohio.
Cleveland Shaft Spring Co., coupling bolts, dies, etc., Cleveland, Ohio.
Cleveland & Sons Co., contractors, Brockport, N. Y.
Cleveland Specialties Mfg. Co., breast strap slides, Cleveland, O.
Cleveland Specialty & Mfg. Co., machsts., Cleveland, Ohio.
Cleveland Speed Indicator Co., W. 112th & Locust av N. W., Cleveland, Ohio.
Cleveland Stamping & Tool Co., casseroles, Cleveland, Ohio.
Cleveland Steam Gauge Co., portable forges, forge blowers, 1108 W. 9th, Cleveland, Ohio.
Cleveland Steel Barrel Co., steel shipping barrels, 9612 Meech av, Cleveland, Ohio.
Cleveland Steel Casting Co., Cleveland, Ohio.
Cleveland Steel Co., steel bridge plate, Rockefeller Bldg., Cleveland, Ohio.
Cleveland Steel Range Co., machsts. & fndrs., 2900 Detroit av, Cleveland, Ohio.
Cleveland Steel Stamp Works, Cleveland, Ohio.
Cleveland Steel Tool Co., punches, etc., Cleveland, Ohio.
Cleveland Stone Co., grindstone mfrs., Leader-News Bldg., Cleveland, Ohio.
Cleveland Stone Co., producers, 316 4th av, Pittsburgh, Pa.
Cleveland Store Fixture Co., refrigerators, Cleveland, Ohio.
Cleveland Switchboard Co., Cleveland, Ohio.
Cleveland Tack Works, nails, 1303 E. 49th, Cleveland, Ohio.
Cleveland Tanning Co., bindings & gimps, Denison av & B. & O. R. R., Cleveland, Ohio.
Cleveland Tool & Supply Co., platers' & polishers' supplies, 1427 W. 6th, Cleveland, Ohio.
Cleveland Tractor Co., Euclid & Lamb av, Cleveland, Ohio.
Cleveland Trinidad Paving Co., 420 Lakeside av N. E., Cleveland, Ohio.
Cleveland Trolley Wheel Co., Cleveland, Ohio.
Cleveland Trunk Co., 1317 Euclid av, Cleveland, Ohio.
Cleveland Twist Drill Co., 1 E. 49th, Cleveland, Ohio.
Cleveland Varnish Co., 3111 E. 87th, Cleveland, Ohio.
Cleveland, W. L., Co., machinery, Los Angeles, Cal.
Cleveland Waterproof Paper Co., Cleveland, Ohio.
Cleveland Welding & Mfg. Co., machsts. & fndrs., W. 117th & Berea rd, Cleveland, Ohio.
Cleveland Window Glass & Door Co., shades & reflectors, 209 Champlain av N. W., Cleveland, Ohio.
Cleveland Wire Cloth & Mfg. Co. (The), 3576 E. 78th, Cleveland, Ohio. *See adv. index at end of book.*
Cleveland Wire Spring Co., Cleveland, Ohio.
Cleveland Woolen Mills Co., Dresden, Ohio.
Cleveland Worm & Gear Co., 1667 E. 40th, Cleveland, Ohio.
Cleveland Wrought Products Co., cap & set screws & studs, W. 58th & W. & L. E. Belt Line, Cleveland, Ohio.
Clevenger, C. R., & Co., architects, Columbus, Ind.
Clever Constr. Co., Charlotte, Mich.
Clever & Gulick, machinists, Fullerton, Cal.
Cleverly Electrical Works, boxes, clamps, rods, push buttons, etc., 17 N. 7th, Philadelphia, Pa.
Clevidence, A. E., masons' & bldrs.' matls., Mount Morris, Ill.

Click, Jos., contractor, 1203 Voskamp, Pittsburgh, Pa.
Cliff & Guibert Co., fire hose reels, 460 W. B'way, New York.
Cliff Paper Co., Niagara Falls, N. Y.
Cliff, Thos., brick, Clio, Mich.
Clifford, A. D., Co., Contrs., New Britain, Conn.
Clifford Bros., charcoal, Ft. Wayne, Ind.
Clifford, C., scrap iron & rubber, Baltimore, Md.
Clifford, Frank E., architect, 117 James, Syracuse, N. Y.
Clifford, G. D., masons' & bldrs.' matls., Eustis, Fla.
Clifford, Geo. B., contractor, Martins Ferry, Ohio.
Clifford Hardware Co., Evansville, Ind.
Clifford, Jas. J., & Co., machsts., Green Island, N. Y.
Clifford, L. L., & Co., elec. cooking app., Marion, Ind.
Clifford, P. T., & Son, contractors, Valparaiso, Ind.
Clifford, S., & Co., contractors, 10 S. La Salle, Chicago, Ill.
Clifford, Wm., Co., contrs., 734 Vernon av, Long Isl. City, N. Y.
Clifford, Wm., & Sons Co., contractors, Elizabeth, N. J.
Clifford's, Jas., Sons, stone prod., Lenox, Mass.
Cliffs Chemical Co., Charcoal, Goodman, Wis.
Cliffwood Brick Co., Cliffwood, N. J.
Clifton-Applegate & Toole, contrs., Anaconda, Mont.
Clifton Bros., contractors, Zanesville, Ohio.
Clifton Chemical Co., 317 Greenwich, New York.
Clifton Forge Machine & Foundry Co., Clifton Forge, Va.
Clifton Forge Milling & Feed Co., Inc., flour mills, Clifton Forge, Va.
Clifton Mfg. Co., cotton sheetings, Clifton, S. C.
Clifton Mfg. Co., rubber clothing, 65 Brookside av, J. P., Boston, Mass.
Clifton Mfg. Co., tents, Waco, Tex.
Clifton Motor Wks., gas engines, 229 E. Clifton av, Cincinnati, O.
Clifton Paper Mills, Clifton, N. J.
Clifton Pratt Co., vacuum cleaners, 1224 W. 8th, Cincinnati, O.
Clifton Specialty Co., Inc., vacuum cleaners, 84 W. Mohawk, Buffalo, N. Y.
Clifton Springs Dist. Co., Ludlow av & B. & O. S. W. Cum., Cincinnati, Ohio.
Clifton Textile Co., umbrella cloth, Union Hill, N. J.
Clemalene Chemical Co., washing powder, Canton, Ohio.
Climax Bearing Co., 1324 Majestic Bldg., Detroit, Mich.
Climax Cleaner Mfg. Co., Cleveland, Ohio.
Climax Co., machsts., 275 Passaic, Newark, N. J.
Climax Engng. Co., gas engines & kerosene tractors, Clinton, Ia.
Climax Fire Brick Co., Climax, Clarion Co., Pa.
Climax Lime & Stone Co., Wick, Pa.
Climax Lock & Ventilator Co., hdwe, mfrs., 656 Mich. av, Buffalo, N. Y.
Climax Lumber Co., Bunkie, La.
Climax Machy. Co., Indianapolis, Ind.
Climax Mfg. Co., machsts. & fndrs., Corry, Pa.
Climax Mfg. Co., machsts. & fndrs., East Hampton, Conn.
Climax Motor Devices, 5209 Prospect av, Cleveland, Ohio.
Climax Refining Co., compounds, oils, greases, etc., Williamson Bldg., Cleveland, Ohio.
Climax Sanitary Co., Plumbers' Wood Wk., Detroit, Mich.
Climax Smoke Preventer Co., smokeless furnaces, 261 Franklin, Boston, Mass.
Climax Tube Co., 89 State, Boston, Mass.
Climax Western Oil Co., 2824 10th av, Minneapolis, Minn.
Clinch, C. G., & Co., lubricating oils & greases, 144 Davis, San Francisco, Cal.
Clinch Clip Co., 196 Seneca, Buffalo, N. Y.
Clinchfield Portland Cement Corp., Kingsport, Tenn.
Clinchfield Products Corpn., chemicals, 120 B'way, New York.
See adv index at end of book.
Cline, A. J., elec. hoists, 343 S. Dearborn, Chicago, Ill.
Cline, E. H., architect, Brockman Bldg., Los Angeles, Cal.
Cline, Edw. W., machinist, Marietta, Ohio.
Cline Electric Mfg. Co., controllers, electric motors & printing machy., Fisher Bldg., Chicago, Ill.
Cline, Hyman E., contractor, 43 Tremont, Boston, Mass.
Cline, L., Mfg. Co., towel bars, cans, holders, etc., 1239 S. Wabash av, Chicago, Ill.
Cline, Samuel S., flour mills, Bunkerhill, W. Va.
Cline, Tribolet Lbr. Co., Bluffton, Ind.
Clinedinst, Jno. W., carriages, New Market, Va.
Cling-Surface Co., saw vises, belt dressing, etc., Buffalo, N. Y.
Clinger's, D., Sons, lumber, Milton, Pa.
Clinkofstine, L. S., & Co., scrap iron, Saginaw, Mich.
Clinton Alfalfa Milling Co., meal, Clinton, Ohio.
Clinton Bridge Works, Clinton, Ia.
Clinton Canning Co., Rome, N. Y.
Clinton Concrete Co., Clinton, Mass.
Clinton Construction Co., 140 Townsend, San Francisco, Cal.
Clinton Contracting Co., West Hoboken, N. J.
Clinton Cut Glass Co., Aldenville, Pa.
Clinton, E., & Co., brushes (fdr., mach. & facty., paint, varnish, etc.), 2119 Arch, Philadelphia, Pa.
Clinton Foundry Co., Clinton, Mass.
Clinton Furniture Co., Clinton, Ia.
Clinton Glass Co., 1000 W. 21st, Chicago, Ill.
Clinton Hardware Co., Clinton, Tenn.
Clinton Iron & Steel Co., blast furnaces, W. Carson, Pittsburgh Pa.
Clinton Knitting Co., sweaters, cardigans, etc., Clinton, N. Y.
Clinton Lock Co., machsts. & fndrs., Clinton, Ia.
Clinton Lbr. Co., Clinton, N. C.
Clinton Mfg. Co., cotton sheetings, Woonsocket, R. I.
Clinton Mfg. Co., sashes, doors & blinds, Sabina, Ohio.
Clinton Mfg. Co., creamery machy., Clinton, Wis.
Clinton Mfg. Co., packings, 83 Grand av, Brooklyn, N. Y.
Clinton Metallic Paint Co., Clinton, N. Y.
Clinton Oil Mills Co., meal & fertz. mfrs., Clinton, S. C.
Clinton Paper Co., Clinton, Ia.
Clinton Paving Brick Co., Clinton, Ind.
Clinton Point Stone Co., 17 Battery pl, New York.
Clinton & Russell, architects, 32 Nassau, New York.
Clinton Saddlery Co., Clinton, Ia.
Clinton Sugar Refining Co., Clinton, Ia.
Clinton Supply Co., platers' supps., 117 S. Clinton, Chicago, Ill.
Clinton, Walter R., engines, West Haven, Conn.
Clinton Wire Cloth Co., fences, screens, etc., Clinton, Mass.
Clintonville Baler Co., paper bailing presses, Clintonville, Wis.
Clio Oil & Fertz. Co., Clio, S. C.
Clip Bar Mfg. Co., concrete curb (steel bound), 26th & Penna., Philadelphia, Pa.
Clipless Paper Fastener Co., Newton, Ia.
Clipper Belt Lacer Co., belt laces, 1042 Front av, Grand Rapids, Mich. *See adv index at end of book.*
Clipper Fountain Supply Co., ice cream dishers, & ice shavers, Troy, N. Y.
Clipper Lawn Mower Co., Dixon, Ill.
Clipper Shingle Co., lumber, Clipper, Wash.
Clipper Tool Co., saw vises, 284 Mills, Buffalo, N. Y.
Clippert, Geo. H., & Bro., Brick Co., 161 Virginia Park, Detroit, Mich.
Clippert Spaulding & Co., common brick, Lansing, Mich.
Clippinger, A. B., & Son, Mfg. Co., agricultural implts., hay racks, sweep rakes, wood tanks, Kansas City, Kans.
Clizbe Bros. Mfg. Co., machsts. & fdrs., Plymouth, Ind.
Cloak & Suit Button Co., 60 W. 27th, New York.
Clochessy, John, paper bags, 21 W. 4th, New York.
Clonin & Messenger, masons' & bldrs.' matls., ft. Camelia, Long Island City, N. Y.
Clooney Const. & Towing Co., ship bldrs., Westlake, La.
Clopp, Geo. B., bridge railings, 3717 Filbert, Philadelphia, Pa.
Clopton, B. M., sashes, doors & blinds, Corsicana, Tex.
Cloquallum Shingle Co., lbr. mfrs., Elma, Wash.
Cloquet Lbr. Co., Cloquet, Minn.
Cloquet Tie & Post Co., Cloquet, Minn.
Clore, Jos. O., & Son, lumber, Henderson, Ky.
Clore, Wm. H., Mfg. Co., agricultural implts., Washington, Ind.
Clos Construction Co., 721 Cramer, Milwaukee, Wis.
Close, Wm. A., Trading & Mfg. Co., brick, Matawan, N. J.
Closet Seat Bumper Co., rubber bumpers, Cincinnati, O.
Closser Bros., contractors, 777 Fort W., Detroit, Mich.
Clossman Hardware Co., Zanesville, O.
Closterman, H., chairs, 25 Atla. Bk. Bldg., Cincinnati, Ohio.
Closz & Howard Mfg. Co., agricultural implts., Webster City, Ia.
Clot & Crist Machine Co., 940 Bryant, San Francisco, Cal.
Clothel Co., ice & refrigerating machines, 61 B'way, New York.
Clothier & Furnisher, trade publication, 13 Astor pl, New York.
Cloud, Newton H., architect, 1802 Mt. Salem la, Wilmington, Del.
Clough & Co., mill supplies, Oshkosh, Wis.
Clough Concrete Const. Co., Quincy, Ill.
Clough, D. H., & Co., contractors, Duluth, Minn.
Clough-Hartley Co., lumber, Everett, Wash.
Clough, John H., clothes line pulleys, Corry, Pa.
Clough & Molloy, stone producers, Hartford rd & B. & O., Baltimore, Md.
Clough, R. M., chucks, cutters, drilling machs., etc., Tolland, Conn.
Clough, Rockwell, Co., staples, cork screws, Alton, N. H.
Clough, Theo., gasoline burners, Dobbs Ferry, N. Y.
Clough & Warren Co., pianos, 35 University Bldg., Adrian, Mich.
Clough & Witt Machine Co., 1740 Columbus rd, Cleveland, Ohio.
Clous, D. A., architect, 331 Madison av, New York.
Clover, Chas. S., fndrs., Muskegon, Mich.
Clover Leaf Machine Co., hoisting machy., South Bend, Ind.
Clover Leaf Mfg. Co., tex. machy. (bobbins), Carbondale, Pa.
Clover Mfg. Co., grinding compound, Norwalk, Conn.
Cloverport Boat & Mfg. Co., machsts., Cloverport, Ky.
Clow, Jas. B., & Sons, mill & facty. & plumbers' supplies—jobbers, Franklin & Harrison, Chicago, Ill.
Cloyd Bros. Co., sash, door & blind mfrs., Bristol, Tenn.
Cloyes, Frederick O., architect, 189 W. Madison, Chicago, Ill.
Cluce, Robt. J., contractor, 3d av. & 148th, New York.
Cluley Multiplier Co., adding machines, Green Bay, Wis.
Clum Mfg. Co., auto. switches, 23 Exit, Milwaukee, Wis.
Clum, Wm. E., architect, 120 Broad, Elizabeth, N. J.
Clune, M., & Co., mattresses, 1407 S. Meridian, Indianapolis, Ind.
Cluster Alliance Gas Light Co., 1758 Madison av, New York.
Clute Bros., cotton batting, Cohoes, N. Y.
Clute Coal & Supply Co., masons' & bldrs.' matls., Bay City, Mich.
Clute, H. C., machsts., 380 Wayne, Jersey City, N. J.
Cluthe, G., Co., machsts., 28 E. Court, Cincinnati, Ohio.
Clyde Brick & Tile Works, Clyde, Ohio.
Clyde Cars Co., 42 Whitehall, New York.
Clyde Casting Co., machsts. & fndrs., Seattle, Wash.

Clyde Cutlery Co., Clyde, Ohio.
Clyde Glass Wks., bottles, Clyde, N. Y.
Clyde Iron Works, hoisting engines & logging machy., Duluth, Minn. *See adv index at end of book.*
Clyde Kraut Co., canned, Clyde, Ohio.
Clyde Milling & Elevator Co., Clyde, Kan.
Clyde River Pulp Co., West Derby, Vt.
Clydesdale Brick & Stone Co., Oliver Bldg., Pittsburgh, Pa.
Clydesdale Stone Co., crushed, Oliver Bldg., Pittsburgh, Pa.
Clymer Brick & Fire Clay Co., Clymer, Pa.
Clymer, Harry G., architects, Wainwright Bldg., St. Louis, Mo.
Clymer, L. M., mill & facty. supplies, Greensboro, N. C.
C. M. B. Wrench Co., bench legs, Garfield, N. J.
C. & M. Envelope Co., 535 Pearl, New York.
Coady, Edward, architect, Scott Thompson Bldg., Oklahoma City, Okla.
Coal Age, trade publication, 10th av & 36th, New York.
Coal & Coke Operator, trade publication, 108 Smithfield, Pittsburgh, Pa.
Coal Tar Product Co., 570 Smith, Brooklyn, N. Y.
Coal Trade Bulletin, pubs., Park Bldg., Pittsburgh, Pa.
Coal Trade Journal, 20 Vesey, New York.
Coale Muffler & Safety Valve Co., valve mfrs., Baltimore, Md.
Coale, Thos. E., Lumber Co., lumber (wholesale), 1418 Walnut, Philadelphia, Pa. *See adv index at end of book.*
Coan, M. A., contractor, 185 Church, New Haven, Conn.
Coast Art Marble Co., 68 Clara, San Francisco, Cal.
Coast Bridge Co., contrs., ft. of E. Main, Portland, Ore.
Coast Cul. & Flume Co., Columbia blvd, Portland, Ore.
Coast Fish Co., canned, Anacortes, Wash.
Coast Fishing Co., canners, Los Angeles, Cal.
Coast Folding Paper Box Facty., Inc., 560 Mission, San Francisco, Cal.
Coast Fdry. Co., South, San Francisco, Cal.
Coast Iron & Machine Wks., machsts. & fndrs., Tacoma, Wash.
Coast Knitting Co., sweaters, Woodbine, N. J.
Coast Metal Wks., tin cans, 180 Townsend, San Francisco, Cay.
Coast Ship Bldg. Co., Portland, Ore.
Coastwise Dredging Co., Norfolk, Va.
Coastwise Ship Bldg. Co., ship builders, Baltimore, Md.
Coates, Bennett & Reidenbach, metals, Hague, Rochester, N. Y.
Coates Clipper Mfg. Co., drilling & sheep shearing machy., etc., Worcester, Mass.
Coates, F. C., flour mills, Horners, Va.
Coates Plumbing Supply Co., Tampa, Fla.
Coates & Traver, architects, Rowell Bldg., Fresno, Cal.
Coatesville Boiler Works, boiler & tank mfrs., Coatesville, Pa.
Coatesville Fdry. & Mach. Co., Coatesville, Pa.
Coats & Burchard Co., appraisers, engineers, inventories, 29 S. La Salle, Chicago, Ill.
Coats-Fordney Logging Co., lumber, Aberdeen, Wash.
Coats, Fred R., watchmakers' tools, Springfield, Ill.
Coats, J. & P., cotton thread, Pawtucket, R. I.
Coats, J. R., machinist, Visalia, Cal.
Coats Mach. Tool Co., 30 Church, New York.
Coats Mfg. Co., lumber mfrs., Wellsville, N. Y.
Coats Shingle Co., lumber, Hoquiam, Wash.
Cobb, Albert W., architect, 168 Bridge, Springfield, Mass.
Cobb Brick Co., Ft. Worth, Tex.
Cobb & Drew, rivet, staple & tack mfrs., Plymouth, Mass.
Cobb, Francis, Co., ship bldrs., Rockland, Me.
Cobb, Henry Ives, architect, 527 5th av, New York.
Cobb & Jenkins, patterns, 380 Atlantic av, Boston, Mass.
Cobb, John P., masons' & bldrs.' matls., Fredonia, N. Y.
Cobb, M. E., architect, 166 Montague, Brooklyn, N. Y.
Cobb Preserving Co., Fairport, N. Y.
Cobb & Webster, contractors, Portland, Me.
Cobb, Wm., fndrs., Jackson, Mich.
Cobb, Wm. H., architect, 2156 Sunnyside av, Chicago, Ill.
Cobbleick-Kibbe Glass Co., Oakland, Cal.
Cobbs & Mitchell, lumber, Cadillac, Mich.
Coblentz Tool & Supply Co., Erie, Pa.
Coburn, C. B., Co., mill & facty. supplies, Lowell, Mass.
Coburn, Douglas F., architect, Sumpter Bldg., Dallas, Tex.
Coburn, Frank G., contractor, 294 Washington, Boston, Mass.
Coburn, Ira W., contractor, 180 Jessie, San Francisco, Cal.
Coburn Organ Co., 220 N. Washtenaw av, Chicago, Ill.
Coburn Trolley Track Mfg. Co., sliding door hardware, metal covered doors, rolling ladders & overhead monorail mfrs., P. O. Box 721, Holyoke, Mass.
Coburn, Walter, Co., cotton waste, Lowell, Mass.
Cochise Machine Co., Los Angeles, Cal.
Cochran, A., & Co., sashes, doors & blinds, Quaker City, Ohio.
Cochran Cotton Mill Co., Cochran, Ga.
Cochran, Drugan & Co., potteries, Trenton, N. J.
Cochran, Jas., contractor, Greensburg, Pa.
Cochran Oil Mill & Ginnery, Cochran, Ga.
Cochran & Phillips, turpentine, McIntyre, Fla.
Cochran Pipe Wrench Mfg. Co., 7544 S. Chicago av, Chicago, Ill.
Cochran-Sargent Co., plumbers' supplies, 182, E. 6th, St. Paul, Minn.
Cochran, T. H., & Son, contractors, 415 S. Hayes, Portland, Ore.
Cochrane-Bly Co., cutting-off machines, Rochester, N. Y.
Cochrane Brass Fdry., York, Pa.
Cochrane Chemical Co., 148 State, Boston, Mass.
Cochrane Chemical Co., insulating materials, 221 Randolph av, Jersey City, N. J.
Cochrane, Geo. A., Co., contractors, 1210 Washington av, Pittsburgh, Pa.
Cochrane, J. A., Brass Mfg. Co., hardware, 1403 E. 40th, Cleveland, O.
Cochrane Packing Co., meat packers, Kansas City, Kan.
Cochrane, T. H., Co., masons' & bldrs.' matls., Westfield, Wis.
Cocker, J. C., architect, 2017 5th av, New York.
Cocker, M., & Co., tex. machy. supplies (brushes mill), 10th & Spring Garden, Philadelphia, Pa.
Cocker Mach. & Fdry. Co., beamers, sizing & dyeing machy., Gastonia, N. C.
Cocker Saw Mfg. Co., Lockport, N. Y.
Coco Bros., bk. & office railings, 13 Baxter, New York.
Cocozza, Louis H., contr., 1188 Main, Bridgeport, Conn.
Codd, E. J., Co., sheet metal work, 700 S. Caroline, Balto., Md.
Codd, Eliza, architect, Nantucket, Mass.
Codd Tank & Specialty Co., mill & facty supplies, Balto., Md.
Codding & Heilborn Co., silver novelties, North Attleboro, Mass.
Coddington Engineering Co., 33d & Villard av, North Wilwaukee, Wis.
Codman & Desyradelle, architects, 27 Kilby, Boston, Mass.
Codman, F. L. & J. C., Co., buffing wheels, 15 Elkins S., Boston, Mass.
Codman, Ogden, architect, 340 Madison av, New York.
Codman & Shurtleff, surgical instruments, air pumps, 120 Boylesston, Boston, Mass.
Codman, Stephen, architect, 27 Kilby, Boston, Mass.
Codmus Bros., brass & composition fndrs., Bloomfield, N. J.
Codori, John A., contractor, 1235 Arch, Philadelphia, Pa.
C. O. D. Tractor Co., 309 Washington av, N. Minneapolis, Minn.
Coduri & Joseph, granite, Westerly, R. I.
Cody, C. L., cornices, Ridgway, Pa.
Cody, C. Paxton, architect, Marine Bk. Bldg., Erie, Pa.
Cody, Jos., & Sons, tubular boilers; expansion tanks, Peoria, Ill.
Codyer & Cavanaugh, cornices, Waltham, Mass.
Coe Brass Branch, bolt, nut & rivet mfrs., Torrington, Conn.
Coe & Brown, mill & facty. supplies, New Haven, Conn.
Coe, C. T., Co., turbo blowers, 10 Johnson, Newark, N. J.
Coe, E. F., landscape architect, 103 Alden av, New Haven, Conn.
Coe, Jas. A., & Co., mill & facty. supplies, 106 Mulberry, Newark, N. J.
Coe Mfg. Co., key rings, straw dispensers, etc., 35 Warren, New York.
Coe Mfg. Co., machsts. & fndrs., Painesville, Ohio.
Coe-Mortimer Co., fertilizer mfrs., 51 Chambers, New York.
Coe-Stapley Mfg. Co., machsts., Bridgeport, Conn.
Coe, W. H., Mfg. Co., gold leaf, gilding wheels, 74 Weybosset, Providence, R. I.
Coefax Iron Wks., Coefax, Wash.
Coefield Mfg. Co., electric & gas light fixtures, 51 Shipley, San Francisco, Cal.
Coen Co., oil burners & heaters, 112 Market, San Francisco, Cal.
Coen & Conway, contractors, Davenport, Ia.
Coes, Loring & Co. (Inc.), mfrs, machine knives of all classes & special forged material for making cutting edges, Coes sq. Worcester, Mass. *See adv index at end of book.*
Coes Wrench Co., makers of adjustable wrenches, Coes sq, Worcester, Mass. *See adv index at end of book.*
Coeur D'Alene Grain & Milling Co., Coeur D'Alene, Idaho.
Coeur D'Alene Hardware & Foundry Co., Wallace, Idaho.
Coeur D'Alene L'br. Co., Coeur D'Alene, Idaho.
Coey Motor Co., 2010 S. Wabash av, Chicago, Ill.
Coffey, Alfred I., architect, Humboldt Bldg., San Francisco, Cal.
Coffey, D. L., contractor, Chattanooga, Tenn.
Coffeyville Fdry. & Mach. Co., Coffeyville, Kansas.
Coffeyville Implement & Mfg. Co., machsts. & fndrs., Coffeyville, Kansas.
Coffeyville Shale Products Co., Coffeyville, Kansas.
Coffeyville Vitrified Brick & Tile Co., Coffeyville, Kansas.
Coffield Motor Washer Co., clothes washing machines, Dayton, O.
Coffin, Arthur S., architect, 64 W. Randolph, Chicago, Ill.
Coffin Box & Lumber Co., Nicollet Island, Minneapolis, Minn.
Coffin, Isaac, Co., high pressure piping, 52 Sudbury, Boston, Mass.
Coffin, M. C., landscape architect, 73 E. 92d, New York.
Coffin Packing & Prov. Co., Denver, Colo.
Coffin, Stanley H., cloth mops, 12 Pearl, Boston, Mass.
Coffin Valve Co., valves, sluice gates & adjustable elec. fixtures, Neponset, Boston, Mass.
Coffman, Jas. M. & Son, contrs., Anna, Ill.
Coffran Mfg. Co., masons' & bldrs.' matls., Washington C. H., Ohio.
Cogan, F. L. Co., contrs., 233 B'way, New York.
Coggins Marble Co., Canton, Ga.
Coggins & Owens, machy. dlrs. & mill & factory supplies, 19 S. Charles, Baltimore, Md.
Coghlan, Jos. T., hair (curled), Drexel Bldg., Philadelphia, Pa.
Coghlan & Saunders, architects, Electric Bldg., Cleveland Ohio.
Coghlan, W. J., mattresses, Kankakee, Ill.
Coghlin Machinery & Supply Co., Toledo, Ohio.
Cogswell, Chas. N., architect, Old South Bldg., Boston, Mass.

Cogswell-Koether Co., contractors, 406 Park av, Baltimore, Md.
Cogswell Polytechnic College, engng. schools & coll., 26th & Folsom, San Francisco, Cal.
Cohankus Mfg. Co., cordage & twine, Paducah, Ky.
Cohasset Canning Co., Cohasset, Va.
Cohee, A. F., Co., Frankfort, Ind.
Cohen Bros. Iron & Metal Co., Des Moines, Ia.
Cohen, Chas. J., envelopes, 510 Ludlow, Philadelphia, Pa.
Cohen, D., scrap rubber, iron, 104 W. Main, Danville, Ill.
Cohen, E. M., & Sons Iron & Metal Co., Des Moines, Ia.
Cohen, Frank L., contractor, 49 Niagara, Buffalo, N. Y.
Cohen, Hy., cornices, 1340 Fulton, Brooklyn, N. Y.
Cohen, Isaac H., scrap iron & steel, 111 Pratt, Buffalo, N. Y.
Cohen, J., & Son, scrap iron & steel, Peoria, Ill.
Cohen, Jos. M., scrap iron, Sandusky, Ohio.
Cohen, Louis, mattresses, 232 E. 125th, New York.
Cohen, M., & Son Co., scrap iron & steel, 1670 St. Clair, Cleveland, Ohio.
Cohen, Michael, & Co., stone, 8 W. 40th, New York.
Cohen, Samuel, architect, 32 Union sq, New York.
Cohen-Schwartz Rail & Steel Co., iron & steel scrap, St. Louis, Mo.
Cohen, Simon, architect, 2205 5th av, New York, & 163 Springfield av, Newark, N. J.
Cohen, Walter S., architect, May Bldg., Pittsburgh, Pa.
Cohlgraff, Henry J., contr'tor, 133 W. Washington, Chicago, Ill.
Cohn, Adolph, lamp cord adjusters, West Hoboken, N. J.
Cohn & Bock Co., box shooks, insulator pins, wood cross arms, etc., Princess Anne, Md.
Cohn Bros., architects, 363 Stone av., Brooklyn, N. Y.
Cohn Cut Stone Co., 38th & 14th av., Brooklyn, N. Y.
Cohn & Goldberg, masons' & bldrs.' matls., Nashville, Tenn.
Cohn, Wm., plumbers' supplies, jobbers, Stamford, Conn.
Cohocksink Brass Foundry, castings (brass & bronze), 5th & Berks, Philadelphia, Pa.
Cohocton Canning Co., Cohocton, N. Y.
Cohoes Iron Fdry. & Mach. Co., dumb waiters, freight elevators, etc., Cohoes, N. Y.
Cohoes Rolling Mill Co., pipe & tube mill, Cohoes, N. Y.
Cohoon, U. G., contractor, Parsons, Kans.
Cohutta Talc Co., Dalton, Ga.
Coin Machine Mfg. Co., elec. water heaters, Portland, Ore.
Coiner, J. N., flour mills, Waynesboro, Va.
Coiner Milling Co., flour, Lynwood, Va.
Cointex Co., The, coin counting & stacking devices, St. Johns pl, Buffalo, N. Y.
Cokato Canning Co., Cokato, Minn.
Colbert County Oil & Fertilizer Co., Tuscumbia, Ala.
Colborne Mfg. Co., machsts., 157 W. Division, Chicago, Ill.
Colburn Automobile Co., Denver, Colo.
Colburn Bros. Co., flour, McPherson, Kans.
Colburn Mach. Tool Co., machsts., Franklin, Pa.
Colburn, Serenus M., Esq., architect, Donaldson Bldg., Minneapoolis, Minn.
Colburn, Wilford, lumber mfrs., Middle Grove, N. Y.
Colby Cheese Box & Silo Co., Colby, Wis.
Colby & Co., bags & burlap, Savannah, Ga.
Colby, E. B., & Co., stoves & furnaces, Hoboken av, Jersey City N. J.
Colby, F. E., architect, Trimble Bldg., Sioux City, Ia.
Colby, Frank A., architect, 15 E. 40th, New York.
Colby, Frank A., & Son, contractors, Brunswick, Me.
Colby, Herbert W., architect, 46 Cornhill, Boston, & Haverhill, Mass.
Colby-Hinkley Co., veneer, Benton Harbor, Mich.
Colby Mill Co., lumber, Colby, Wash.
Colby Milling Co., flour, Dowagiac, Mich.
Colby, N. H., cast-iron culverts, Granville, Ill.
Colby Univ., Engng. School & Coll., Waterville, Me.
Colclesser Bros., axe mfrs., El Dorado, Pa.
Colclough, C. A., machsts., Hollis Center, Me.
Colcord, Albert E., architect, 117 N. Dearborn, Chicago, Ill.
Colcord Lumber Co., Atlanta, Ga.
Colcord-Wright Machy. & Supply Co., 1229 N. B'way, St. Louis, Mo.
Cold-Jess Mfg. Co., nut mfrs., Cleveland, Ohio.
Cold Light Mfg. Co., airplane parts & supps., 558 W. 158, New York.
Cold Light Mfg. Co., bulbs, Denver, Col.
Cold Springs Construction Co., 528 Ellicott sq., Buffalo, N. Y.
Cold Storage Refrigerator Co., Eau Claire, Wis.
Coldwater Ladder Co., Coldwater, Mich.
Cold Water Refining Co., belt dressing, Raymilton, Pa.
Coldwell Gildard Co., tex. machy., notions (warp stop), 95 Milk, Boston, Mass.
Coldwell Lawn Mower Co., Newburgh, N. Y.
Coldwell-Wilcox Co., sluice gates, valves, etc., Newburgh, N. Y.
Cole, A. R. Co., contrs., Ann Arbor, Mich.
Cole, Arthur W., architect, 5413 Greenwood av, Chicago, Ill.
Cole Bros., machsts., Patton, Pa.
Cole Bros. Lightning Rod Co., 316 S. 7th, St. Louis, Mo.
Cole, Chester, architect, Chico, Cal.
Cole & Cole, granite, Quincy, Mass.
Cole & Dixon, truck units, etc., 109 W. 64th, New York.
Cole & Field, contrs., Joliet, Ill.
Cole, Geo., contractor, Stoneham, Mass.
Cole Glass Co., Lancaster, Ohio.
Cole, H. C. and W. S., tacks, Kingston, Mass.
Cole, H., Co., architects' instruments, 68 E. Gay, Columbus, O.
Cole-Halstead Light and Sales Co., Los Angeles, Cal.
Cole, Henry & Co., sockets, 54 Old Colony av, Boston Mass.
Cole, J. N., masons' & bldrs.' matls., Danville, Pa.
Cole, Jas., Co., organs, Melrose, Mass.
Cole, L. S., landscape architect, Lytton Bldg., Chicago, Ill.
Cole, M. J. Jr., contrs., Little Rock, Ark.
Cole Mfg. Co., agricultural implements, Charlotte, N. C.
Cole Mfg. Co., radiators, stove mfrs., etc., 3218 S. Western av, Chicago, Ill.
Cole Mfg. Co., sash, doors & blinds, Memphis, Tenn.
Cole Motor Car Co., 730 E. Washington, Indianapolis, Ind.
Cole, N. S., & Son, Inc., contrs., Haverhill, Mass.
Cole, R. D., Mfg. Co., agricultural implements, Newnan, Ga.
Cole, Robert, architect, Bellefonte, Pa.
Cole, Roscoe Mfg. Co., wire cloth, S. Norwalk, Conn.
Cole, S. B., contractor, Battle Creek, Mich.
Cole, S. B., cornices & skylights, Quincy, Mich.
Cole, S. M., Co., masons' & bldrs.' matls., Oberlin, Ohio.
Cole, S., & Son, machsts. & fndrs., Lebanon, N. H.
Cole, W. H., & Sons, whol. hdwe., 40 S. Charles, Baltimore, Md.
Cole, W. T., tubular boilers, Ishpeming, Mich.
Cole, W. V., contractor, Tampa, Fla.
Cole, Wm. A., Paper Co., Putney, Vt.
Cole, Wm., & Sons, granite, Barre, Vt.
Colebrook, W. & Sons, roofing & cements, 1419 Orange, Syracuse, N. Y.
Colebrookdale Iron Co., machsts. & fndrs., Pottstown, Pa.
Coleman, Adelbert E., architect & ornamental bronze & iron, 37th & Stewart, Chicago, Ill.
Coleman, Allan J., augers, 208 N. Wabash av, Chicago, Ill.
Coleman-Beil Co., mattresses, 1322 W. Monroe, Chicago, Ill.
Coleman Bros., contractors & crushed stone, Chelsea, Mass.
Coleman, Chas. H., brick, Athens, Tex.
Coleman, David C., architect, Merchants' National Bk. Bldg., San Francisco, Cal.
Coleman Feed Roller Co., saw mill mchy., Vredenburgh, Ala.
Coleman, Galen, machsts. & fndrs., Middletown, N. Y.
Coleman Gas Wks. Mfg. Co., gas machines, 829 Sycamore, Cincinnati, Ohio.
Cloeman Guano Co., Coleman, Ga.
Coleman, H. B., masons' & bldrs., Chippewa Falls, Wis.
Coleman Hardware Co., 122 S. Michigan av, Chicago, Ill.
Coleman, Harter & McCormick, lbr., Williamsport, Pa.
Coleman, J. C., auto windshields, 137 N. Grand blvd, Detroit, Mich.
Coleman, J. C., & Sons Co., contractors & crushed stone, 1620 Tremont, Rox., Boston, Mass.
Coleman & Jenkins, contrs., San Antonio, Tex.
Coleman, John, lumber, Williamsport, Pa.
Coleman, Jno. N., architect, 7100 S. Chicago av, Chicago, Ill.
Coleman Lamp Co., Wichita, Kans.
Coleman Lbr. Co. (Ltd.), Shreveport, La.
Coleman Machy. & Tool Co., 38 Park Row, New York.
Coleman & Smith, flour mills, Weldon, Ky.
Coleman, W. C., Co., machy. dealers, 161 Summer, Boston, Mass.
Coleman, W. H., Co., lumber & cooperage stock, Jackson, Tenn.
Coles, C. B., & Sons Co., lbr., sashes, doors, etc., Camden, N. J.
Coles' Constr. Co., L. C. Smith Building, Seattle, Wash.
Coles Mfg. Co., machsts., 1615 N. 23d, Philadelphia, Pa.
Coles Picture Mach. Corp., 120 W. 41st, New York.
Coles Tool & Mach. Co., Oneida, N. Y.
Coley, Samuel B., architect, 569 5th av, New York.
Colfax Brick Co., common, Colfax, W. Va.
Colfax Hardwood Lumber Co., Colfax, La.
Colfax Mfg. Co., carriages, South Bend, Ind.
Colfax Pressed Brick Co., Denver, Colo.
Colfax Stone Co., Chippewa Falls, Wis.
Colgan, J. W., Co., harness ornaments, Sudbury Bldg., Boston, Mass.
Colgan Machy. Supply Co., concrete bldg. & brich machy., Columbus, Ohio.
Colgan Mfg. & Supply Co., packing mfrs, lubricating oils, 118 Maiden la. New York.
Colgan, Wm. H., Co., switch boxes, clamps, etc., West Newton, Mass.
Colgate & Co., soap mfrs., 105 Hudson, Jersey City, N. J.
Colladay, Jos. O., Co., machsts., 626 Race, Philadelphia, Pa.
Collamer Mach. Wks., machsts, 1214 E. 152d, Cleveland, O.
Collamore, L., contractor, Little Rock, Ark.
Collapsable Joist Form Co., concrete forms, Finance Bldg., Kansas City, Mo.
Collard, Alfred, knitted gloves, 256 E. Ashmead, Gtn., Phila., Pa.
College Hill Press Brick Co., 1400 College av, St. Louis, Mo.
College Mill Co., flour, Franklin, Ky.
College Point Boat Corp., ship bldrs., College Point, L. I., N. Y.
Collett, Wm. C., architect, 50 Broomfield, Boston, Mass.
Colley, C. D., Co., architects, Century Bldg., Pittsburgh, Pa.
Colley, Chas. E., architect, South Orange, N. J.
Colley, Chas. J., architect, Pacific Bldg., San Francisco., Cal.
Colley, Clarence K., architect, L. & C. Bldg., Nashville, Tenn.
Colley, J. H., architect, F. & F. Nat'l Bk. Bldg., Nashville, Tenn.
Collier-Barnett Co., sashes, doors & blinds, Toledo, Ohio.
Collier, Eusebius, lbr., 494 Broad, Newark, N. J.
Collier, H. C., & Sons, varnish mfrs., Binghamton, N. Y.
Collier, Horace O., lumber, Oxford, Fla.

Collier-Keyworth Co., children's carriages, Gardner, Mass.
Collier Motor Truck Co., Painesville, Ohio.
Collier, Thos. L., sashes, doors & blinds, Gibsonburg, Ohio.
Colliers-Adams Mfg. Co., lumber, St. Joseph, Mo.
Collignon, G. W., architect, Chronicle Bldg., Houston, Tex.
Collin County Mill & Elevator Co., flour, McKinney, Tex.
Collings Carriage Co., Camden, N. J.
Collingwood Brick Co., Toledo, Ohio.
Collins, A., Lumber Co., Charlotte, N. C.
Collins & Aikman Co., car plush, 4675 Nixon, Philadelphia, Pa.
Collins, Bartlett, carriages, Avon, Mass.
Collins Bros., brooms, Lawrence, Mass.
Collins Bros., machsts., Pawtucket, R. I.
Collins Bros. Lumber Co., Sullivan, Wis.
Collins, Chas. D., contractor, 719 18th, N. W., Washington, D. C.
Collins, Chas., & Sons, contractors, Troy, N. Y.
Collins, Clarence H., elec. & gas light fixtures, Cleveland, Ohio.
Collins Colliery Co., coke, Macdonald, W. Va.
Collins Co., agricultural implements, Collinsville, Conn.
Collins, D. C. Newman, architect, 29 Broadway, New York.
Collins, Darrah, & Co., lumber, Nebraska, Pa.
Collins, E. F., & Sons, cotton waste, Springfield, Mass.
Collins, Edw. R., architect, Westfield, N. J.
Collins, Esslen Lbr. Co., Madison, Wis.
Collins, Frank, brick, Princess Anne, Md.
Collins, G. A., & Son, bodies—automobile, Akron, Ohio.
Collins, G. H., architect, 1803 Campbell, Houston, Tex.
Collins, G. J. S., contractor, 423 S. 31st, Omaha, Neb.
Collins Garage Mach. Wks., Opelika, Ala.
Collins, Geo., architect & contr., 1st & Berry, Hackensack, N. J.
Collins, Geo. H., contractor, Houston, Tex.
Collins, Geo. M., brick, Crisfield, Md.
Collins-Gordon Co., contractors, Ferguson Bldg., Pittsburgh, Pa.
Collins, H. F., Co., boxes, St. Paul, Minn.
Collins, H. L., mach. & fdr., Gainesville, Tex.
Collins, H. L., Co., labels, shipping cases, boxes, etc., Myrtle & Wabash, St. Paul, Minn.
Collins, Hilton, Co., lap links, neck yokes, etc., Louisville, Ky.
Collins, Horace B., architect, Lewis & Gold, Hartford, Conn.
Collins, J. A., contrs., Alameda, Cal.
Collins, J. Frank, architect, Spartanburg, S. C.
Collins, J. H., Boiler Co., Amsterdam, N. Y.
Collins, J. S., & Son, fertilizer mfrs., Moorestown, N. J.
Collins, Jacob P., Co., lumber, South Seaville, N. J.
Collins, John, & Co., canned goods, American Corners, Md.
Collins, John D., contractor, Morristown, N. J.
Collins, Jno. M., contr., 82 State, Albany, N. Y.
Collins Mfg. Co., paper & pulp mills, writing paper, N. Wilbraham, Mass.
Collins Mfg. Co. (Ltd.), oil filters, regulators, etc., 612 Chestnut, Philadelphia, Pa.
Collins Mfg. Co., pipe hangers, 126 First av, Pittsburgh, Pa.
Collins Metallic Packing Co., 56 N. 2d, Philadelphia, Pa.
Collins, Michael J., duck coats, 24 Thayer, Boston, Mass.
Collins & Moore, plumbers' supplies, Paris, Tex.
Collins, O. C., & Co., architects, Frankfort, Ind.
Collins, Phelps, contr., masons' & bldrs.' matls., Alpena, Mich.
Collins, Plass, Thayer Co., burlap, 26 Beaver, New York.
Collins Plow Co., machsts. & fndrs., Dockery, Miss.
Collins Plow Co., Quincy, Ill.
Collins, R., contractor, Alpena, Mich.
Collins, R. L., & Sons, flour mills, Crittenden, Ky.
Collins, R. N., Vehicle Woodwork Co., auto. metal bodies, 3900 Chouteau av, St. Louis, Mo.
Collins, T. C. & Son, flour, Windom, Minn.
Collins, T. J., Furniture Co., Toledo, Ohio.
Collins, T. J., & Son, architects, Staunton, Va.
Collins, T. P., contractor, Kankakee, Ill.
Collins, Thos. & Sons, granite, Quincy, Mass.
Collins, Val. P., architect, Paul Jones Bldg., Louisville, Ky.
Collins, Walter L., architect, Milford, Mass.
Collins & Webb., machy. dlrs., Los Angeles, Cal.
Collins, Wm. P., & Co., mill & facty. supplies, 701 S. Dearborn, Chicago, Ill.
Collins, Wm. P., Co., tubular boilers, 134 Franklin, Long Island City, N. Y.
Collinson, Joshua, machst., East Orange, N. J.
Collinsville Zinc Co., Collinsville, Ind.
Collinwood Fdry., 17004 Waterloo rd, Cleveland, O.
Collinwood Lumber Co., Collinwood, Ohio.
Collis Co., machsts. & fndrs., Clinton, Ia.
Collman & Duncan, contractors, 2661 B'way, San Fran., Cal.
Collmer Bros., machsts., South Bend, Ind.
Collum Mfg. Co., confectioners' machy., Hartford, Conn.
Collyer Insulated Wire Co., rubber wire, Pawtucket, R. I.
Col-Mac Co., flexible metallic hose, tubing, etc., 250 South, Newark, N. J.
Colman, C. L., Lumber Co., La Crosse, Wis.
Colman, J. M., Co., creosoting wks., Seattle, Wash.
Colmesnil, Geo. de., architect, Lick Bldg., San Francisco, Cal.
Colnik, C., Mfg. Co., machsts., 750 Greenbush, Milwaukee, Wis.
Colombat, Henry & Co., fringes, 239 Geary, San Francisco, Cal.
Colon, Geo., & Co., contractors, 81 E. 125th, New York.
Colonial Bangor Slate Co., blackboards & mantels, Bangor, Me.
Colonial Bedding Co., mattresses, Fredericksburg, Va.
Colonial Board Co., Manchester, Conn.
Colonial Braid Co., shoe laces, So. Attleboro, Mass.
Colonial Building Co., Spokane, Wash.
Colonial Can Co., 120 Milk, Boston, Mass.
Colonial Carriage Co., Circleville, Ohio.
Colonial Chandelier Wks., 122 Centre, New York.
Colonial Coal & Coke Co., Oliver Bldg., Pittsburgh, Pa.
Colonial Co., adding mach. rolls, Mechanic Falls, Me.
Colonial Co., china, East Liverpool, Ohio.
Colonial Creosoting Co., Louisville, Ky.
Colonial Elec. Wks. of G. E. Co., Warren, Ohio.
Colonial File Co., Neponset, Boston, Mass.
Colonial Fireplace Co., fireplace goods, brass, bronze & aluminum castings & machy.—commercial platers of brass, copper, nickel & tin, 4631 W. 12th, Chicago, Ill.
Colonial Foundry & Machine Co., castings, Columbia, Pa.
Colonial Handle Co., Knoxville, Tenn.
Colonial Iron Co., 149 B'way, New York.
Colonial Iron Wks. Co., steel structural work, 881-885 E. 67th, Cleveland, O.
Colonial Knitting Mills, gloves & mittens, 1011 Chestnut, Philadelphia, Pa.
Colonial Knitting Mills, sweaters, cardigans, etc., 291 Essex, Brooklyn, N. Y.
Colonial Lubrg. Oil Co., 15 Storer, Boston, Mass.
Colonial Mfg. Co., acetylene gas burners, Chattanooga, Tenn.
Colonial Mfg. Co., elec. fix. mfrs., Alleghany & A, Phila., Pa.
Colonial Mfg. Co., English hall clocks, Zeeland, Mich.
Colonial Office Appliance Co., 98 Park pl, New York.
Colonial Pressed Brick Co., Mogadore, Ohio.
Colonial Red Cedar Chest Co., Lincoln, Neb.
Colonial Salt Co., Akron, Ohio.
Colonial Sign & Insulator Co., Akron, Ohio.
Colonial Soap Co., 1701 N. Ashland av, Chicago, Ill.
Colonial Stained Glass Wks., 161 High, Boston, Mass.
Colonial Steel Co., 324 4th av, Pittsburgh, Pa.
Colonial Sugars Co., 129 Front, New York.
Colonial Supply Co., mine, mill & facty. supplies, 217 Water, Pittsburgh, Pa. *See adv index at end of book.*
Colonial Towel Mfg. Co., Clifton Heights, Pa.
Colonial Wks., paint mfrs., 233 Norman av, Brooklyn, N. Y.
Colonna Marine Railway Corp., dry docks, Norfolk, Va.
Colony, L. J. (Est. of), furniture—rattan & reed, Keene, N. H.
Colora Canning Co., Aberdeen, Md.
Colo. Badge & Novelty Co., Denver, Colo.
Colo. Bedding Co., Pueblo, Colo.
Colo. Brass Fdry. Co., Denver, Colo.
Colo. College Dept. of Engng., Colorado Springs, Colo.
Colo. Concrete Mixer Co., Denver, Colo.
Colo. Condensed Milk Co., canned, Fort Lupton, Colo.
Colo. Fuel & Iron Co., Denver, Colo.
Colo. Gray Iron Fdry. Co., Denver, Colo.
Colo. Iron & Metal Co., Denver, Colo.
Colo. Iron Works Co., Denver, Colo.
Colo. Lime & Fluxing Co., 321 McPhee, Denver, Colo.
Colo. Packing & Provision Co., Denver, Colo.
Colo. Portland Cement Co., Denver, Colo.
Colo. Rubber Co., mill & facty supps., Denver, Colo.
Colo. State Agricultural Coll., Fort Collins, Colo.
Colo. State Univ., engng. schools & coll., Boulder, Colo.
Colo. Tent & Awning Co., Denver, Colo.
Colo. Wrecking & Building Co., 1426 Second, Denver, Colo.
Colo. Yule Marble Co., Marble, Colo.
Colo. Yule Marble Co., 334 5th av, New York.
Colpitts, S. B., carriages, Alliston, Boston, Mass.
Colquhoun, D., & Son, meat packers, Central Falls, R. I.
Colquitt Lumber Co., Moultrie, Ga.
Colson Co., bicycles, screw mach. products, Elyria, Ohio.
Colson, F. A., Pattern Wks., Buffalo, N. Y.
Colson-Hudson, architects, Dun Bldg., Buffalo, N. Y.
Colson U. O. Co., advtg. spec., 118-20-22 S. Main, Paris, Ill.
Colt & Dickson Packing & Mfg. Co., canned goods, Frederick, Md.
Colt, J. B. D., Co., gas machs.; auto. lamps, etc., 30 E. 42d, New York.
Colt, Robert, architect, 85 Water, Boston, Mass.
Colt, Samuel S., architect, Orange, N. J.
Colter, A. W., Canning Co., Mt. Washington, Ohio.
Colter, Henry, lbr., Bobo, Ind.
Colton, Arthur Co., machsts., Jefferson & Chene, Detroit, Mich.
Colton Bros. Co., flour mills, Bellefontaine, Ohio.
Colton, Geo. S., Elastic Web. Co., Easthampton, Mass.
Colton Mfg. Co., saddlery hdwe. mfrs. & machsts., Montpelier, Vt.
Colton, Reuben, landscape architect, 31 Mass. av, Boston, Mass.
Colt's Patent Firearms Mfg. Co., rifles, guns, etc., Hartford, Conn.
Columb Tyres Import Co., tires, 1 Madison av, New York.
Columbia Arch'l Iron Wks., 1619 Clybourne av, Chicago, Ill.
Columbia Art Glass Co., 1956 N. Halsted, Chicago, Ill.
Columbia Axle Co., 826 E. 72d, Cleveland, Ohio.
Columbia Ball Caster Co., 160 N. 5th av, Chicago, Ill.
Columbia Bangor Slate Co., rfg. slate mfrs., Bangor, Pa.
Columbia Boiler Works, tanks & stacks, Columbia, Pa.
Columbia Box Co., 19th & N Market, St. Louis, Mo.
Columbia Box & Lumber Co., South Bend, Wash.
Columbia Brass Co., cocks, Detroit, Mich.
Columbia Brass Wks., shower baths, 740 N. Franklin, Chicago, Ill.

Columbia Brick Wks., Portland, Ore.
Columbia Button Wks., 229 W. 28th, New York.
Columbia Can Co., Madison, 1st & 2d, St. Louis, Mo.
Columbia Canning Co., Columbia, Tenn.
Columbia Carriage & Auto. Wks., Portland, Ore.
Columbia Casting Co., brass fndrs., Ferdinand & Wabash R. R., Detroit, Mich.
Columbia Chemical Co., Pittsburgh, Pa.
Columbia Chemical Wks., aqua ammonia, Bush Terminal, Brooklyn, N. Y.
Columbia Chuck & Tool Co., flue cutters, 140 S. Dearborn, Chicago, Ill.
Columbia Conserve Co., canned goods, Indianapolis, Ind.
Columbia Constr. Co., 425 E. Water, Milwaukee, Wis.
Columbia Contract Co., E. Water & Main, Portland, Ore.
Columbia Cornice Co., Cambridge, Mass.
Columbia Cotton Mill Co., bags & bagging, Columbia, Tenn.
Columbia Cotton Oil Co., Magnolia, Ark.
Columbia Counter Co., 349 Congress, Boston, Mass.
Columbia County Cotton Oil Co., meal, Harlem, Ga.
Columbia Creosoting Co., Portland, Ore.
Columbia Digger Co., 180 Burnside, Portland, Ore.
Columbia Dist. Co., Waterloo, N. Y.
Columbia Elec. Nov. Corp., flash-lights & cigar lighters, 167 Wooster, New York.
Columbia Engine Co., machsts., 1275 Jefferson av, Detroit, Mich.
Columbia Engng. Wks., ship bldrs., Portland, Ore.
Columbia Envelope Co., 349 W. Austin av, Chicago, Ill.
Columbia Fastner Co., snap fasterners, 3229 S. Ashland av, Chicago, Ill.
Columbia Feather Co., hair & cotton felt mattresses, 413 W. Huron, Chicago, Ill.
Columbia Fertilizer Co., Columbia, Ala.
Columbia Fire Brick Co., Canton, Ohio.
Columbia Fire Extinguisher Co., 174 Centre, New York.
Columbia Gas & Elec. Fix. Co., 182 Grand, New York.
Columbia Gas Engine Co., Portland, Ore.
Columbia Gas Stove Co., Huntington, W. Va.
Columbia Granite Co., Milford, N. H.
Columbia Granite Co., Westerly, R. I.
Columbia Granite & Dredging Co., crushed stone & sand, Washington, D. C.
Columbia Granite Wks., Quincy, Mass.
Columbia Graphophone Co., 233 B'way, New York.
Columbia Guano Co., fertilizer mfrs., Norfolk, Va.
Columbia Hardwood Lumber Co., 2082 Dominick, Chicago, Ill.
Columbia Heater Co., Paterson, N. J.
Columbia Lamp Division, the Nat'l Lamp Wks., Title Guarantee Bldg., St. Louis, Mo.
Columbia Iron & Wire Works Co., Canton, Ohio.
Columbia Iron Wks., 721 Reading rd, Cincinnati, Ohio.
Columbia Iron Works, 246 N. 5th, Philadelphia, Pa.
Columbia Knitting & Mfg. Co., sweaters, gloves, etc., 236 B'way, Milwaukee, Wis.
Columbia Knitting Mills, sweaters, etc., 116 W. 32nd, New York.
Columbia Lubricants Co., 126 Massachusetts av, Boston, Mass.
Columbia Lubricants Co., 1549 S. Michigan, Chicago, Ill.
Columbia Lubricants Co. of N. Y., 116 Broad, New York.
Columbia Lbr. & Mfg. Co., Columbia, S. C.
Columbia Machine Co., Zanesville, Ohio.
Columbia Machine & Stopper Corp., 414 W. 38th, New York.
Columbia Mach. Tool Co., Hamilton, O.
Columbia Machine Works, 215 Spear, San Francisco, Cal.
Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
Columbia Mantel Co., Louisville, Ky.
Columbia Mfg. Co., cotton sheeting, Ramseur, N. C.
Columbia Mfg. Co., garment hangers, Easthampton, Mass.
Columbia Mfg. Co., laundry machy., Columbia, Pa.
Columbia Marble Co., 268 Market, San Francisco, Cal.
Columbia Metal Box Co., 226 E. 144th, New York.
Columbia Metal Hose Wks., 532 W. 22nd, New York.
Columbia Metal Stamping Co., dies stamping, Cleveland, O.
Columbia Mill & Elevator Co., flour, Columbia, Tenn.
Columbia Mills, Inc., shade cloth mfrs., 225 5th av, New York.
Columbia Mills, woolen blankets, Lewiston, Me.
Columbia Mineral Wool Co., 58 W. Washington, Chicago, Ill.
Columbia Motor Truck & Trailer Co., Pontiac, Mich.
Columbia Narrow Fabric Co., cotton & elastic webbing, Shannock, R. I.
Columbia Naval Stores Co., Savannah, Ga.
Columbia Novelty Co., 1431 N. 8th, St. Louis, Mo.
Columbia Nut & Bolt Co., Bridgeport, Conn.
Columbia Oil Co. of New York, 15 William, New York.
Columbia Paper Bag Co., 921 E. Fort av, Baltimore, Md.
Columbia Paper Bag Co., paper bag mfrs., Long Island City, N. Y.
Columbia Planter Co., agricultural implements, planters, Springfield, Ohio.
Columbia Plate Glass Co., Blairsville, Pa.
Columbia Plow Wks., Copake Falls, N. Y.
Columbia Products Co., whiting & paris white mfrs., Garfield Bldg., Cleveland, Ohio.
Columbia Pump & Well Co., machy. dlrs., 522 12th, N. W., Washington, D. C.
Columbia Quarry Co., Fullerton Bldg., St. Louis, Mo.
Columbia Record Stove Co., 624 S. 2d, Philadelphia, Pa.
Columbia Refining Co., oils, paints, 90 West, New York.
Columbia Ribbon & Carbon Mfg. Co., 69 Wooster, New York.
Columbia River Canning & Produce Co., St. Helena, Ore.
Columbia River Door Co., lbr., Rainier, Ore.
Columbia River Packers' Assn., Astoria, Ore.
Columbia River Shipbuilding Corp., Portland, Ore.
Columbia Rubber Co., 301 Congress, Boston, Mass.
Columbia Sanitary Mfg. Co., lavatories & fittings, Louisville, Ky.
Columbia School Supply Co., Indianapolis, Ind.
Columbia Smelting & Refining Wks., 366 West, New York.
Columbia Specialty Co., boxes, cans, etc., 1508 E. Fayette, Baltimore, Md.
Columbia Stained Glass Works, 25 S. 2d, Philadelphia, Pa.
Columbia Star Milling Co., flour, Columbia, Ill.
Columbia Steel Co., mfrs., Elyria, Ohio.
Columbia Steel Co., iron rolling mills, 503 Market, San Francisco, Cal.
Columbia Steel & Shafting Co., rolling mills, Pittsburgh, Pa.
Columbia Stone Co., Soc. for Sav. Bldg., Cleveland, Ohio.
Columbia Supply Co., mill & facty. supplies, Columbia, S. C.
Columbia Tire & Rubber Co., Columbiano, Ohio.
Columbia Tool Steel Co., 552 W. Lake, Chicago Heights, Ill.
Columbia Typewriter Mfg. Co., 37 W. 116th, New York.
Columbia Univ. Engng. School & Coll., W. 116th nr. Amsterdam av, New York.
Columbia Wagon Co., Columbia, Pa.
Columbia Wax Wks., 751 E. 137th, New York.
Columbia Western Mills, machsts. & fndrs., Wheeler & Ring, Saginaw, Mich.
Columbia Western Mills, shade cloth mfrs., Peoria & W. 121st, Chicago, Ill.
Columbia Wire & Iron Wks., 1933 W. Lake, Chicago, Ill.
Columbia X-Ray & Elec. Corp., 131 E. 23d, New York.
Columbian Bronze Corp., 50 Church, New York.
Columbian Canning Co., canned goods, Lubec, Me.
Columbian Carbon Co., black, Weston, W. Va.
Columbian Construction Co., Muskegon, Mich.
Columbian Cutlery Co., Reading, Pa.
Columbian Enameling & Stamping Co., Terre Haute, Ind.
Columbian Granite Co., Montpelier, Vt.
Columbian Hdwe. Co., vises, anvils, drop forgings, etc., Cleveland, Ohio.
Columbian Iron Wks., flap valves, machsts. & fndrs., Chattanooga, Tenn.
Columbian Iron Works, Turning, District of Columbia.
Columbian Mail Crane Co., Columbus, Ohio.
Columbian Mfg. Co., awning stripes, denims, tickings, Greenville, N. H.
Columbian Paper Co., Buena Vista, Va.
Columbian Paper Co., Bristol, Va.
Columbian Rope Co., 3050 Genesee, Auburn, N. Y.
See adv index at end of book.
Columbian Steel Tank Co., auto. metal bodies, gasoline pumps, New England Bldg., Kansas City, Mo.
Columbiana Boiler Co., Columbiana, Ohio.
Columbiana Fdry. Co., Columbiana, Ohio.
Columbiana Mfg. Co., handles, Columbiana, Ohio.
Columbiana Pump Co., Columbiana, Ohio.
Columbus Anvil & Forging Co., Columbus, Ohio.
Columbus Aseptic Furniture Co., Columbus, Ohio.
Columbus Auto. Brass Co., 769 N. 4th, Columbus, Ohio.
Columbus Auto Parts Co., screw mach. prod., E. Russell, Columbus, Ohio.
Columbus Belting & Supply Co., 77 E. Long, Columbus, Ohio.
Columbus Bolt Works Co., Columbus, Ohio.
Columbus Brass Co., structural brass & bronze work, 838 Dublin av, Columbus, Ohio.
See adv index at end of book.
Columbus Brick Co., Columbus, Miss.
Columbus Brick & Terra Cotta Co., Columbus, Ohio.
Columbus Builders' Supply Co., 409 Dennison av, Columbus, O.
Columbus Canning Co., Columbus, Wis.
Columbus Casket Mfg. Co., Columbus, Ga.
Columbus Chemical Co., green soap, 3725 Langley av, Chicago, Ill.
Columbus Clay Mfg. Co., Blacklick, Ohio.
Columbus Coal & Lime Co., masons' & bldrs. matls., 307 S. High, Columbus, Ohio.
Columbus Coffin Co., Columbus, Ohio.
Columbus Contractors' Supply Co., masons' & bldrs. matls., Columbus av & Tr. Bldg., Columbus Ohio.
Columbus Die, Tool & Mach. Co., armature discs, 955 Cleveland, av, Columbus, Ohio.
Columbus Electrical Wks. Co., 247 N. Front, Columbus, Ohio.
Columbus Engng. & Equipment Co., machy. dlrs., Columbus, O.
Columbus Fdy. Co., Columbus, Ind.
Columbus Fibre Box Co., N. W. cor. Hickory & Wall, Columbus, Ohio.
Columbus Fire Brick Co., general bldg. prods. & coal, Hartman bld, Columbus, Ohio.
Columbus Forge & Iron Co., automobile forgings, etc., Columbus, Ohio. *See adv index at end of book.*
Columbus Glass Co., Lancaster, Ohio.
Columbus Grove Brick & Tile Co., Columbus Grove, Ohio.

Columbus Handle & Tool Co., Columbus, Ind.
Columbus Hardware & Furniture Co., Columbus, Miss.
Columbus Htg. & Ventg. Co., machsts., Columbus, Ohio.
Columbus Incandescent Mantle Co., Columbus, Ohio.
Columbus Iron Wks. Co., Columbus, Ga.
Columbus Lift Truck Co., Columbus, Ohio.
Columbus McKinnon Chain Co., mfrs. chains of every description, Columbus, Ohio. *See adv index at end of book.*
Columbus Macadam Co., crushed stone, contractors & masons' & bldrs. matls., 319 Dublin av, Columbus, Ohio.
Columbus Mach. & Fdry. Co., cottonseed oil machy., Columbus, O.
Columbus Mailing Bag Co., 2782 N. High, Columbus, Ohio.
Columbus Malleable Iron Co., Columbus, Ohio.
Columbus Mfg. Co., cotton sheeting, Columbus, Ga.
Columbus Mfg. Co., webbing—cotton, Columbus, Miss.
Columbus Mill & Mine Supply Co., 75 N. Front, Columbus, O.
Columbus Oil Cloth Co., 1280 N. Grant av, Columbus, Ohio.
Columbus Packing Co., meat packers, Columbus, Ohio.
Columbus Paint Mfg. Co., 278 Kimball, Columbus, Ohio.
Columbus Phaeton Co., carriages, Burlington, N. J.
Columbus Piano Co., Columbus, Ohio.
Columbus Plate & Window Glass Co., 69 E. Long, Columbus, O.
Columbus Plow Co., Columbus, Ohio.
Columbus Pump Co., hydraulic rams, Columbiana, Ohio.
Columbus Scale & Repair Co., machsts., 142 W. Long, Columbus, Ohio.
Columbus Show Case Co., 423 N. Grant av, Columbus, Ohio.
Columbus Slate Co., New Hayden Bldg., Columbus, Ohio.
Columbus Steam Boiler & Htr. Co., Columbus, Ohio.
Columbus Steam Pump Wks., Columbus, Ohio.
Columbus Structural Steel Co. (The), structural steel & ornamental iron work, Columbus, Ohio.
Columbus Sucker Rod Co., Columbus, Ohio.
Columbus Supply Co., mill & facty. & plumbers' supplies—jobbers, 37 W. Spring, Columbus, Ohio.
Columbus Tent & Awning Co., Columbus, Ohio.
Columbus Truck & Supply Mfg. Co., Columbus, Ga.
Columbus Varnish Co., Columbus, Ohio.
Columbus Washed & Sterilized Wiper Co., mach. wipers, 522 Parsons av, Columbus, Ohio.
Columbus Wire & Iron Works Co., Columbus, Ohio.
Colusa Milling Co., flour, Colusa, Cal.
Colusa Sandstone Co., Potrero av & Division, San Francisco, Cal.
Colvin, Albert Leslie, contr., Anderson, Ind.
Colvin Chase Fence Co., South Charleston, Ohio.
Colvin Fndry. Co., 185 Globe, Providence, R. I
Colvin, J B., machsts. & fndrs., Worcester, Mass.
Colvin-Robb Lumber Co., Bibawik, Minn.
Colvin, S. S., Stave Co., cooperage stock, Pemberville, Ohio.
Colwell Cooperage Co., 412 G'wich, New York.
Colwell, E. F., landscape architect, 6523 Euclid av, Cleveland, O.
Colwell Granite Co., producers, Farmers' Bank Bldg., Pitts., Pa.
Colwell Ideal Corp., plumbing goods, Franklin & Dubois, Detroit, Mich.
Colwell, Philip, contractor, 21 Gilbert, New Haven, Conn.
Colyer, Jos. H., & Son, masons' & bldrs. matls., 531 Nostrand av, Brooklyn, N. Y.
Colyer, Kit, contractor, Midland Bldg., Kansas City, Mo.
Comas Machine Co., machsts. & fndrs., Salem, Va.
Comb, David, & Son, contractors, Lumber Exch., Minneapolis, Minn.
Combahee Fertz. Co., Charleston, S. C.
Combes, G. D., masons' & bldrs. matls., Rockville Center, N. Y.
Combination Door Co., windows & storm doors, Fond Du Lac, Wis.
Combination Engine Co., 3148 Penn av, Pittsburgh, Pa.
Combination Engine & Compressor Co., Bradford, Pa.
Combination Fountain Co., Decatur, Ill.
Combination Ladder Co., lawn settees, clothes bars, etc., 366 Fountain, Providence, R. I.
Combination Rubber Mfg. Co., beltings, hose, etc., Bloomfield, N. J.
Combined Locks Paper Co., Combined Locks, Wis.
Combined Supply & Equipment Co., fndry. facings, chaplets & supplies, 766 Grant, Buffalo, N. Y.
Combs, A. G., fertilizer, Locust Grove, Ga.
Combs Granite Co., Lithonia, Ga.
Combustion Appliance Co., gas analysis apparatus, 7101 N. Clark, Chicago, Ill.
Combustion Engng. Corp., 11 B'way, New York.
Combustion Utilities Corp., fire controllers, 60 Wall, New York.
Combusto Devices Corp., fuel economizers, 250 W. 54th, N. York
Comeau, John F., architect, Elmhurst, N. Y.
Comeaux Lumber Co., Broussard, La.
Comee Metallic Packing Co., Stevens Point, Wis.
Comer & Beals, flour mills, Gamaliel, Ky.
Comer, E. T., & Co., fertilizer mfrs., Millhaven, Ga.
Comer Mercantile Co., fertilizer, Comer, Ga.
Comer Oil Mill, Comer, Ga.
Comerer, W. M., lumber, Burnt Cabins, Pa.
Comerma Co., contractors, 114 Liberty, New York.
Comes & Imbs, architects, Columbia Bldg., St. Louis, Mo.
Comes, John T., architect, Renshaw Bldg., Pittsburgh, Pa.
Comet Automobile Co., Decatur, Ill.
Comey & Frost, l'dscape architects, Abbott Bldg., Boston, Mass.
Comey, R. H., Co., shades, porch, Camden, N. J.
Comfort Chemical Closet Co., Factories Bldg., Toledo, Ohio.
Comfort, Ralph M., architect, 160 5th av, New York.
Comly, Frank T., stone producers, Edgehill, Pa.
Commander Mill Co., flour, 922 Flour Ex., Minneapolis, Minn.
Commander, T. A., & Son, lbr., Elizabeth City, N. C.
Commary, W. T., & Son, contractor, Crocker Bldg., San Francisco, Cal.
Commerce Brick & Lumber Co., Commerce, Ga.
Commerce Fertilizer Co., Commerce, Ga.
Commerce Motor Car Co., Penobscot Bldg., Detroit, Mich.
Commercial Acetylene Supply Co., 80 B'way, New York.
Commercial Acetylene Welding Co., calcium carbide, Monadnock Bldg., San Francisco, Cal.
Commercial Acid Co., Boatsman Bank Bldg., St. Louis, Mo.
Commercial Auto Body & Mfg. Co., 5345 St. Clair, Cleveland, O.
Commercial Battery Co., 718 W. Jackson blvd, Chicago, Ill.
Commercial Blue Print Co., 17 Quincy, Chicago, Ill.
Commercial Boiler Works, tubular, Seattle, Wash.
Commercial Box & Envelope Co., Chester, Pa.
Commercial Brass Corpn., lubricators, valves, etc., Detroit, Mich.
Commercial Camera Co., Rochester, N. Y.
Commercial Car Unit Co., 16th & Glenwood, Philadelphia, Pa.
Commercial Cars, Ltd., 40 Convent av, New York.
Commercial Cedar Co., lumber mfrs., Seattle, Wash.
Commercial Chemical Co., belt dressing & waterproof for shoes, 212 Essex, Boston, Mass.
Commercial Chemical Co., hydrofluoric acid, alums & ammonia, Ludington Bldg., Chicago, Ill.
Commercial Constr. Co., 8 Bridge, New York.
Commercial Corundum & Emery Wheel Co., 922 W. Ohio, Chicago, Ill.
Commercial Cylinder Co., acetylene cylinders, 80 B'way, New York.
Commercial Distilling Co., Terre Haute, Ind.
Commercial Electric Co., Ltd., 728 Poydras, New Orleans, La.
Commercial Elec. Sign Co., 440 W. 46th, New York.
Commercial Elec'l Supply Co., arc lamp insulators, 15th & Pine, St. Louis, Mo.
Commercial Enclosed Fuse Co., Hoboken, N. J.
Commercial Engine Co., Los Angeles, Cal.
Commercial Fdry. Co., 97 Meldrum, Detroit, Mich.
Commercial Furniture Co., desk mfrs., 2718 W. Superior, Chicago, Ill.
Commercial Iron Wks., 171 Globe, Providence, R. I.
Commercial Iron Wks., machsts., 481 5th, San Francisco, Cal.
Commercial Iron Wks. Co., fndrs., Penn Yan, N. Y.
Commercial Journal, 628 Chestnut, Philadelphia, Pa.
Commercial Lubricating Co., cor. Meadow & Jackson, Phila., Pa.
Commercial Lbr. Co., Shreveport, La.
Commercial Mach. Co., Dunkirk, N. Y.
Commercial Mach. Co., Worcester, Mass.
Commercial Milling Co., farina, wheat flour, Woodbridge & Randolph, Detroit, Mich.
Commercial Oil Co., 17 Main, Buffalo, N. Y.
Commercial Oxygen Co., Fountain & Washington, Baltimore, Md.
Commercial Paste Co., Hoster & High, Columbus, Ohio.
Commercial-Research Co., platinum & tungsten products., Jackson av & Honeywell, Long Island City, N. Y.
Commercial Sash & Door Co., 4914 S. Paulina, Chicago, Ill.
Commercial Sash & Door Co., Liberty & 33rd, Pittsburgh, Pa.
Commercial Sash & Door Co., Seattle, Wash.
Commercial Shingle Co., lumber, Bellingham, Wash.
Commercial Soap Co., Reno, Nev.
Commercial Stone Co., Joliet, Ill.
Commercial Switchboard Mfg. Co., Denver, Colo.
Commercial Truck Co. of Am., 27th & Brown, Philadelphia, Pa.
Commercial Truckmobile Co., 1720 S. Michigan, Chicago, Ill.
Commercial Utilities Mfg. Co., advtg. spec., 160 N. 5th av, Chicago, Ill.
Commercial Utilities Mfg. Co., time stamps, 521 W. 26th, New York.
Commercial Vehicle, trade publication, 239 W. 39th, New York.
Common Sense Gas Tractor Co., 622 S. E. 9th, Minneapolis, Minn.
Common Sense Novelty Co., elec. illuminating signs, Sheffield av & Montana, Chicago, Ill.
Common Sense Tire Removers Co., Dowagiac, Mich.
Common Sense Truss Co., elastic hosiery, 306 W. Madison, Chicago, Ill.
Commonwealth Adding Mach. Co., Muskegon, Mich.
Commonwealth Brass Works, lubricators, valves, etc., Detroit, Mich.
Commonwealth Chemical Corp., Hoboken, N. J.
Commonwealth Color & Chemical Co., Nevins, Brooklyn, N. Y.
Commonwealth Cotton Oil Co., meal, Cushing, Okla.
Commonwealth Glue Co., Drexel Bldg., Philadelphia, Pa.
Commonwealth Motors Co., 326 W. Madison av, Chicago, Ill.
Commonwealth Quarry Co., crushed stone, Summit, N. J.
Commonwealth Roofing Co., Grove c. 19th, Jersey City, N. J.
Commonwealth Steel Co., machsts. & fndrs., Pierce Bldg., St. Louis, Mo.
Commonwealth Supply Co., gear mfrs., Richmond, Va.
Communipaw Steel Co., steel structural work, 95 Liberty, New York.
Commutator Co., armatures, machinists, 121 N. 1st, Minneapolis, Minn.

Comolli & Co., granite, Barre, Vt.
Compagnie Morana, oils, 118 E. 27th, New York.
Complete Mfg. Co., clothes washing machines, Kenosha, Wis.
Compo-Board Co., Minneapolis, Minn.
Compound Door Co., St. Joseph, Mich.
Compound Injector & Specialty Co., plumbing specialties, 419 No. Laramie av, Chicago, Ill.
Compound Spec. Co., 156 West av, L. I. City, N. Y.
Compressed Air & General Machinery Co., 39 Stevenson, San Francisco, Cal.
Compressed Air Power Co., 110 Jessie, San Francisco, Cal.
Compressed Steel Shafting Co., 393 Dorchester av, S. Boston, Mass.
Compressed Wood Preserving Co., Spring Grove & Station avs, Winton pl, Cincinnati, Ohio.
Comptograph Co., adding machines, 14 S. La Salle, Chicago, Ill.
Compton, A. A., contractor, Springfield, Mo.
Compton, C. C., architect, Donora, Pa.
Compton, Demetrius, lumber, Elk Lick, Pa.
Compton, Ezra, brick, School, Ill.
Compton-Price Piano Co., Coshocton, Ohio.
Compton, W. H., Shear Co., 314 Camden, Newark, N. J.
Compton, W. R., Realty & Bldg. Co., Elmira, N. Y.
Computer Mfg. Co., scales, 268 Market, San Francisco, Cal.
Computing Appliances Co., machsts. & fndrs., Dayton, Ohio.
Computing Cheese Cutter Co., Anderson, Ind.
Computing Scale Co., Dayton, Ohio.
Computing Scale & Fixture Co., coffee & spice mills, 303 E. 4th, Cincinnati, Ohio.
Comstedt, Joseph F. H., steel products, 120 B'way, New York.
Comstock, A. S., machst. & fndr., Evanston, Ill.
Comstock, C. H., Co., common brick, Ashkum, Ill.
Comstock-Castle Stove Co., Quincy, Ill.
Comstock, Corry B., architect, 110 W. 40th, New York.
Comstock, Edw., Co., Rome, N. Y.
Comstock, Geo. S., & Son, air compressors, hydraulic rams, Mechanicsburg, Ohio.
Comstock, L. H., lbr. mfrs., Louisville, Ky.
Comstock, L. K. & Co., contractors, 21 E. 40th, New York.
Comstock & Van Dreser, architects, Gloversville, N. Y.
Conable, Geo. W., architect, 46 W. 24th, New York.
Conan, C. A., contractor, 1345 Arch, Philadelphia, Pa.
Conanicut Mills, cotton sheetings, Fall River, Mass.
Conant Bros. Co., medicine cabinets, Somerville, Mass.
Conant, Chas. P., building contractor, Lowell, Mass.
Conant & Co., elastic webbing, Littleton, Mass.
Conant & Donelson Co., machsts. & fndrs., Conway, Mass.
Conant, Edward F., flour, Conant, Idaho.
Conant, F. R., Co., packing box mfrs., Auburn, Me.
Conant, R. O., Co., canning machy., Portland, Me.
Conard, D. R., architect, Hartman Bldg., Columbus, Ohio.
Conard, Thos. P., railroad equipt. & machy. dlr., 2 S. 15th, Phila., Pa.
Conastee Mills, cotton sheetings, Greenville, S. C.
Conay Glove Co., 115 E. 23d, New York.
Concanon, Wm. N., Co., contractors, Underwood Bldg., San Francisco, Ill.
Concord Axle Co., machsts. & fndrs., Penacook, N. H.
Concord Fdy. Co., Elkhart, Ind.
Concord Fdry. & Mach. Co., Concord, N. H.
Concord Fdry. & Mach. Wks. Co., Concord, N. C.
Concord Granite Co., Concord, N. H.
Concord Lime Wks., Concord, Tenn.
Concord Mfg. Co., steam htrs., Dayton, Ohio.
Concord Pipe Co., Concord, N. H.
Concord Wheel Co., Concord, N. H.
Concord Woodworking Co., Concord, N. H.
Concordia Milling Co., flour, Concordia, Kan.
Concordia Oil Mills Co., cottonseed meal, Vidalia, La.
Concordia Safety Lamp Co., Fulton Bldg., Pittsburgh, Pa.
Concourse Blue Print Co., blue prints, 52 Vanderbilt av, New York.
Concrete-Cement Age Publishing Co., 310 Telegraph Bldg., Detroit, Mich.
Concrete Construction Co., Sharp Bldg., Kansas City, Mo.
Concrete Constr. Co., 1618 Thompson, Philadelphia, Pa.
Concrete Const. Co., Empire Bldg., Pittsburgh, Pa.
Concrete Engineering Co., Omaha, Neb.
Concrete Form & Engine Co., Detroit, Mich.
Concrete Foundation Co., Sharp Bldg., Kansas City, Mo.
Concrete Steel Bridge Co., Clarksburg, W. Va.
Concrete Steel Co., 42 B'way, New York.
Concrete & Steel Const. Co., Joplin, Mo.
Concrete Steel Engng. Co., 13 Park Row, New York.
Concrete Stone & Sand Co., Poland av, Youngstown, Ohio.
Concrete Waterproof Paint Co., 827 N. 3rd, Philadelphia, Pa.
Condarjian, L. K., architect, 1942 Kern, Fresno, Cal.
Conde, W. W., Hardware Co., wholesale, Watertown, N. Y.
Condensite Co. of Am., baking enamels, insulating varnishes, Bloomfield, N. J.
Conder & Culbertson, contractors, Odd Fellows Bldg., Indianapolis. Ind.
Condie-Bray Glass Paint Co., B'way & Benton, St. Louis, Mo.
Condit Electrical Mfg. Co., elect'l protective devices, cut-outs, oil break switches, transformers, etc., 1st & L, Boston, Mass.
Condon, Geo. C., contractor, Wesley Roberts Bldg., Los Angeles, Cal.
Condon, Geo. W., contractor, W. O. W. Bldg., Omaha, Neb.
Condon, James, common brick, Mazon, Ill.
Condon, Wm. F., contractor, 218 Putnam av, Cambridge, Mass.
Condrad, J. B., bldg. contr., Orchard & Layton blvd., Milwaukee, Wis.
Condrin, Mrs. Wm. Marine, machinist, Oil City, Pa.
Condron Co., arch'l consulting engrs., Monadnock Bldg., Chicago, Ill.
Condron, J. B., masons' & bldrs.' matls., Hollidaysburg, Pa.
Conductor Fitting Co., rain water cut-offs, Marietta, Ohio.
Cone, Fred H., & Co., bristles, chemicals, horse hair, 181 Front, New York.
Cone, Harry A., architect, Schofield Bldg., Cleveland, Ohio.
Cone, J. H. & W. E., whol. hdwe., 87 Asylum, Hartford, Conn.
Cone, Jos. D., lumber, wagon spokes, North Vernon, Ind.
Cone, R. D., Co., whol. hrwe., mill & facty. supplies, Winona, Minn.
Conejos Co-operative Roller Mills & Mfg. Co., Antonio, Colo.
Conen, Stephen, cornices, 4305 Lincoln av, Chicago, Ill.
Cones & Menefee, lumber mfrs., 450 W. Broad, Columbus, Ohio.
Cones, Frank, contractor, 408 Lombard, Indianapolis, Ind.
Conestoga Glue Wks., Lancaster, Pa.
Conestoga Steam Cotton Mills, Lancaster, Pa.
Conewango Refining Co., oil & petroleum, Warren, Pa.
Conewago Trap Rock Co., Williamsport, Pa.
Coney & Parker Co., masons' & bldrs.' matls., Brunswick, Ga.
Coneys, Jno. L., architect, 1513 Walnut, Philadelphia, Pa.
Confectioner's Gazette, trade publication, 366 B'way, New York.
Confer, Smith & Co., founders, Hamburg, Pa.
Congaree Fertilizer Co., Columbia, S. C.
Congdon, Alphonse, contrs., Narragansett Pier, R. I.
Congdon & Carpenter Co., whol. hdwe., 155 Canal, Providence, R. I.
Congdon, D. C., cornices & skylights, Fort Scott, Kan.
Congdon, Henry M., & Son, architects, 18 B'way, New York.
Congdon, Z. T., Brass Fdry., Providence, R. I.
Conger & Whyte, brick, Goldfield, Ia.
Congleton, J., brooms, New Philadelphia, Ohio.
Congoleum Co., congoleum, 1109 Lytt Bldg., Chicago, Ill.
Congress Varnish Wks., 114 Maiden Lane, New York.
Conheim, Herman, bristles, 70 Pine, New York.
Conine, W. M., common brick, Camp Hill, Ala.
Conkey, G. E., Co., insecticides, 3039 Woodland av, S. E., Cleveland, Ohio.
Conkle, John, Jr., lumber, Clark, Ohio.
Conklin Bros., dock bldrs., contractors, 2080 Richmond ter., Port Richmond, N. Y.
Conklin, Claude C., architect, Patchogue, N. Y.
Conklin & Convery, archit., 28 Central av, Newark, N. J.
Conklin & Cummins, masons' & bldrs.' matls., Goshen, N. Y.
Conklin, H. King., architect, 665 Broad, Newark, N. J.
Conklin, H. R., bag filters, Joplin, Mo.
Conklin, Henry B., contractor, Belle Plaine, Ia.
Conklin Pen Mfg. Co., Toledo, Ohio.
Conklin, Reuling Co., contractors, masons' & bldrs.' matls. & sash, door & blinds, Pekin, Ill.
Conklin, S. P., mill & facty. supplies, 68 Jefferson av, Detroit, Mich.
Conklin & Sons Co., masons' & bldrs.' matls., Madison, Wis.
Conklin & Strong, masons' & bldrs.' matls., Warwick, N. Y.
Conklin, T. E. & Co., brass & copper angles, channels, etc., 61 Duane, New York.
Conklin Tin Plate & Metal Co., Atlanta, Ga.
Conkling-Armstrong Terra Cotta Co., terra cotta architectural, Wissahickon av & Juniata, Philadelphia, Pa.
Conkling, E. A., Box Co., packing box mfrs., 2001 Reading rd, Cincinnati, Ohio.
Conkling, H. J., masons' & bldrs.' matls., 731 Hunt, Cincinnati, Ohio.
Conkling, W. H., & Sons, sashes, doors & blinds, Dallas, Tex.
Conlan, Bernard, & Co., belt buckles, uniform buttons, etc., 87 Hamilton, Newark, N. J.
Conlan Elec. Co., 86 Walker, New York.
Conlee Lumber Co., Attalia, Wash.
Conley Camera Co., Rochester, Minn.
Conley, Frank E., Stone Co., masons' & bldrs. matls., Utica, N. Y.
Conley Frog & Switch Co., Memphis, Tenn.
Conley, Joseph A., brick, Harpster, Ohio.
Conley Stain & Blacking Co., 15 Sherman, Boston, Mass.
Conley, T. F., tubular boilers, Tiffin, Ohio.
Conley Tinfoil Co., 521 W. 25th, New York.
Conlin, J. C., mill & fcty. & steam fitters' supplies, 361 Washington, Providence, R. I.
Conlin & Roberts, cornices & skylights, 414 Natoma, San Francisco, Cal.
Conlin, Thos., Plumbing & Htg. Co., 3978 Cottage Grove av, Chicago, Ill.
Conlon & Co., masons' & bldrs. matls., 270 Provost, Jersey City, N. J.
Conlon, Jas. W., stone, Av A & 68th, New York.
Conlon, John J., sashes, doors & blinds, Hannibal, Mo.
Conlon, Wm. J., brass fndrs., Albany, N. Y.
Conly Bros., masons' & bldrs. matls., Front & Madison, Wilmington, Del.

Conly, J. A., Button Co., 116 N. State, Chicago, Ill.
Conn, A. H., harness specialties, neck yokes, Cedar Rapids, Ia.
Conn, Chas. G. (Ltd.), musical instruments, Elkhart, Ind.
Connally, Walter & Co., mill & facty. supplies, Tyler, Tex.
Connaughton, John P., tubular boilers, 540 S. Capitol av, Indianapolis, Ind.
Conneaut Can Co., Conneaut, Ohio.
Conneaut Leather Co., Conneaut, Ohio.
Conneaut Metal Wks., portables, aeroplanes, Conneaut, Ohio.
Conneaut Shovel Co., Conneaut, Ohio.
Conn. Adamant Plaster Co., New Haven, Conn.
Conn. Aircraft Co., aeroplanes, New Haven, Conn.
Conn. Blower Co., Inc., The, fans, 133-39 Sheldon, Hartford, Conn.
Conn. Box Co., New Haven, Conn.
Conn. Brass Fdry. Co., Waterbury, Conn.
Conn. Brass & Mfg. Corp., brass sheets & bars, West Cheshire, Conn.
Conn. Chain Co., sash chain, 236 Middle, Bridgeport, Conn.
Conn. Clasp Co., machsts., Bridgeport, Conn.
Conn. Concrete Co., 185 Church, New Haven, Conn.
Conn. Cord Iron Corp., Norwich, Conn.
Conn. Dynamo & Motor Co., Irvington, N. J.
Conn. Elec. Mfg. Co., enclosed fuses, Conn. av, Bridgeport, Conn.
Conn. Elec. Steel Co., Inc., elec. steel castings, 540 Flatbush av, Hartford, Conn.
Conn. Engineering & Contrg. Co., Norwich, Conn.
Conn. Fat Rendering & Fertilizing Corp., tallow mfrs,. New Haven, Conn.
Conn. Fireworks Co., West Haven, Conn.
Conn. Glue Co., Danbury, Conn.
Conn. Hassain Paving Co., 902 Chapel, New Haven, Conn.
Conn. Lime Co., Lee, Mass.
Conn. Mfg. Co., fndrs., Waterbury, Conn.
Conn. Marine Boiler Wks., Bridgeport, Conn.
Conn. Metal Treating Co., Inc., case hardening, steel heat treating, etc., Bridgeport, Conn.
Conn. Mills Co., canvas & cotton duck, Danielson, Conn.
Conn. Oil Co., Waterbury, Conn.
Conn. Quarries Co., stone p'ducers, trap rock, New Haven, Conn.
Conn. Sash & Door Co., 248 Park, New Haven, Conn.
Conn. Shock Absorber Co., Meriden, Conn.
Conn. Steam Brownstone Co., Portland, Conn.
Conn. Steel & Wire Co., auto. trunk racks, Hartford, Conn.
Conn. Tele. & Elec. Co., fire alarms, elec. bells, etc., 70 Britnia, Meriden, Conn.
Conn. Turbine Mfg. Co., New London, Conn.
Conn. Valley Lumber Co., 147 Milk, Boston, Mass.
Conn. Valley Mfg. Co., bits, boring tools & gas engines, Centerbrook, Conn.
Conn. Valley Orchard Co., fertilizer, Berlin, Conn.
Conn. Web & Buckle Co., Bridgeport, Conn.
Conneen Constr. Co., 1829 Filbert, Philadelphia, Pa.
Connell & Dengler Mach. Co., siding saw machy., Rochester, N. Y.
Connell, Geo. E., architect, Newport News, Va.
Connell, J., architect, 208 9th, Hoboken, N. J.
Connellsville Central Coke Co., Empire Bldg., Pittsburgh, Pa.
Connellsville Coal & Coke Co., Connellsville, Pa.
Connellsville Constr. Co., Connellsville, Pa.
Connellsville Garbage & Fertilizer Co., Connellsville, Pa.
Connellsville Iron Wks., machsts. & fndrs., Connellsville, Pa.
Connellsville Mach. & Car Supply Co., Connellsville, Pa.
Connellsville Mfg. & Mine Supply Co., Connellsville, Pa.
Connellsville Mutual Coke Co., Scottdale, Pa.
Connelly, Arthur, architect, 46 Breitnall pl, Newark, N. J.
Connelly, D., Boiler Co., Ivanhoe rd & N. Y. & St. L. R. R., Cleveland, Ohio.
Connelly Glass Co., window glass mfgrs., Caney, Kan.
Connelly Hardwood Lbr. Co., 180 Indiana av, Kansas City, Mo.
Connelly Iron Sponge & Governor Co., 227 Fulton, New York.
Connelly, J., Constr. Co., Leader-News Bldg., Cleveland, Ohio.
Connelly, Joseph L. Co., contractors, 133 W. Washington, Chicago, Ill.
Connelly, P., contractor, 13 E. Hamilton pl, Jersey City, N. J.
Connelly, P. F., contr., Little Rock, Ark.
Conner, Chas. H., & Co., tin plate, metals, etc., Louisville, Ky.
Conner & Hunt, machsts., 566 Folsom, San Francisco, Cal.
Conner, J. W., & Son, agricultural implements, Orangeville, Pa.
Conner Millwork Co., sash, door & blind, Trenton, N. J.
Conner, Theodore, architect, Erie Bldg., Cleveland, Ohio.
Conners Bros. Co., contractors, masons' & bldrs. matls., Lowell, Mass.
Connersville Blower Co., Connersville, Ind.
Connersville Buggy Co., Connersville, Ind.
Connersville Lbr. Co., Connersville, Ind.
Connery & Co., steel plate work, cylinders, tanks, etc., 2d & Luzerne, Philadelphia, Pa.
Connery Mach. & Tool Co., workers of spec. machy., jigs, fixtures, etc., 56 Harrison av, Springfield, Mass.
Connewango Refining Co., lubricating oils & greases, Warren, Pa.
Connley, J. H., brick, Berlin, Conn.
Connolly Bros., contractors, Beverly Farms, Mass.
Connolly, Jas., contractors, 355 Rivington, New York.
Connolly, M. T., Contrg. Co., 238 17th, Jersey City, N. J.
Connolly Mfg. Co., ovens, 123 Liberty, New York.
Connolly Steel Casting Co., Chelsea, Mass.
Connolly, Wm. H., Co, contractors, 495 12th av, Newark, N. J.
Connor, Edwin F., archit., 76 Dorrance, Providence, R. I.
Connor Fdry. Co., Grand Rapids, Mich.
Connor, Francis, pianos, 343 Lexington av, New York.
Connor, G. Prescott, architect, 18 Dawson, Boston, Mass.
Connor Hdwe. Co. (Ltd.), cornices, Plymouth, Mich.
Connor, I. W., Co., masons' & bldrs. matls., Wayne, Pa.
Connor, Jas., contractor, 1317 Arch, Philadelphia, Pa.
Connor, M. A., plumbers' specialties, Lockport, N. Y.
Connor, Martha L., stone producers, Walton, N. Y.
Connor, R., Co., lumber, ties, poles & posts, Marshfield, Wis.
Connor, Thos., contractor, 3329 N. 5th, Philadelphia, Pa.
Connor, W. B., Inc., feed water pumps & heaters, 90 West, New York.
Connors & Fitlin, contrs., Orange, N. J.
Connors, J. C., contrs., Schenectady, N. Y.
Connors-Weyman Steel Co., Birmingham, Ala.
Connors, Wm., Paint Mfg. Co., mfrs., Troy, N. Y.
Conolly, Hy., Co., loose leaf devices, Rochester, N. Y.
Conococheague Brick & Earthenware Co., Williamsport, Md.
Conover, Allan D., architect, Madison, Wis.
Conover Bros., masons' & bldrs. matls., Orange, N. J.
Conover, Warren H., architect, 114 Liberty, New York.
Conquest, P. L., & Son, ties, poles & posts, Amer. Nat'l Bank Bldg., Richmond, Va.
Conrad Bros., 682 Commerce, Milwaukee, Wis.
Conrad, Earl W., carriages, Warsaw, Ind.
Conrad, Edw. J., lbr., Lisbon, N. H.
Conrad, Frank J., machsts., Toledo, Ohio.
Conrad, H. G., Saw Tool Co., 707 S. Clinton, Chicago, Ill.
Conrad, I. N., Iron Works, machsts. & fndrs., Boyne City, Mich.
Conrad, J. B., & Son, contrs., 1028 National av, Milwaukee, Wis.
Conrad, John, & Co., corn brooms, Everett, Mass.
Conrad, Jno. F., Co., cleanouts, Elizabeth, N. J.
Conrad, Krammerer Glue Co., New Albany, Ind.
Conrad Piano Mfg. Co., 181 3d, Milwaukee, Wis.
Conrad, Wm. J., masons' & bldrs. matls., Marysille, Ohio.
Conradis, August, contractor, Magee Bldg., Pittsburgh, Pa.
Conrady, M. J., contrs., 475 Greenwich, New York.
Conran Standpipe Co., 305 Pearl, New York.
Conrey, D. L., Furniture Co., book cases, Shelbyville, Ind.
Conrey-Davis Mfg. Co., medicine cabinets, sewing tables, Shelbyville, Ind.
Conron-McNeal Co., ice skates, Kokomo, Ind.
Conron, Thos., Hdwe. Co., Danville, Ill.
Conrow, H. S., architect, Schweiter Bldg., Wichita, Kans.
Conroy-Prugh Co., plate glass mirrors, 1430 Western av, Pittsburgh, Pa.
Conshohocken Stone Quarry, Conshohocken, Pa.
Considine & Haskell, architects, Hullitt Bldg., Elmira, N. Y.
Considine, Norbert A., envelope & paper pulp mills, North American Bldg., Philadelphia, Pa.
Consolidated Alfalfa Milling Co., meal, Newton, Kansas.
Consolidated Belting Co., Chester, Pa.
Consolidated Belting Co., Delaware & Jeffrey, Philadelphia, Pa.
Consolidated Brick Co., Horseheads, N. Y.
Consolidated Car Fender Co., trolley car fenders & snow brushes, mfrs., Foot Vale, Providence, R. I.
Consolidated Car Heating Co., heaters, signals, etc., Albany, N.Y.
Consolidated Carpet Sewing Mach. Co., Bridgeport, Conn.
Consolidated Chemical Co., Kane, Pa.
Consolidated Coke Co., Oliver Bldg., Pittsburgh, Pa.
Consolidated Color & Chemical Co., 122 Hudson, New York.
Consolidated Construction Co., 827 Law Bldg., Indianapolis, Ind.
Consolidated Constr. Co., 34th & Bowman, Philadelphia, Pa.
Consolidated Dental Mfg. Co., 130 Washington pl, New York.
Consolidated Dressed Beef Co., meat packers, 30th & Race, Philadelphia, Pa.
Consolidated Electric Lamp Co., incandescent electric lamps, carbon & tungsten mfrs., Danvers, Mass.
Consolidated Elec. Mfg. Co., panel board cabinets, 223 N. 13th, Phila., Pa.
Consolidated Electric & Mfg. Co., machsts. & fndrs., Assumption, Ill.
Consolidated Elec. Sign Co., 213 W. Austin av, Chicago, Ill.
Consolidated Engine Stop Co., 133 W. 19th, New York.
Consolidated Engng. Co., contractors & engineers, Calvert Bldg., Baltimore, Md.
Consolidated Engineering Co., heating contractors, 507 W. Jackson, Chicago, Ill.
Consolidated Engng & Constr. Co., 622 E. McMillan, W. H., Cincinnati, Ohio.
Consolidated Expanded Metal Co., Rankin, Pa.
Consolidated Filters Co., 136 W. 65th, New York.
Consolidated Fireworks Co., 22 Park pl, New York.
Consolidated Fruit Jar Co., machsts., New Brunswick, N. J.
Consolidated Fuel & Lumber Co., Ishpeming, Mich.
Consolidated Gas & Elec. Co., 554 Lake, Chicago, Ill.
Consolidated Gasoline Engine Co., 202 Fulton, New York.
Consolidated Hospital Supply & Laundry Machy. Co., Saugatuck, Conn.
Consolidated Indiana Coal Co., masons' & bldrs. matls., 404 Term. Bldg., Indianapolis, Ind.
Consolidated Iron Wks., machsts., Hoboken, N. J.
Consolidated Knitting & Spinning Mills, lumbermen's socks, Reading, Pa.
Consolidated Lamp & Glass Co., Corapolis, Pa.

Consolidated Lamp & Glass Co., 66 West, New York.
Consolidated Lbr. Co., Central Bldg., Los Angeles, Cal.
Consolidated Lumber Co., Stillwater, Minn.
Consolidated Machy. Wrecking Co., 50 Church, New York.
Consolidated Mfg. Co., auto. forgings & tubing, Toledo, Ohio.
Consolidated Mfg. Co., ice cream freezers, Hartford, Conn.
Consolidated Mfg. Co., hose cleaners, 54 Belmont av, Newark, N. J.
Consolidated Mfg. Co., metal spinning, Dayton, Ohio.
Consolidated Marble & Stone Co., Carthage, Mo.
Consolidated Milling Elevator & Power Co., flour, Chippewa Falls, Wis.
Consolidated Naval Stores Co., Jacksonville, Fla.
Consolidated Pacific Cement Plaster Co., Amboy, Cal.
Consolidated Packing & Supply Co., 21 Barclay, New York.
Consolidated Phosphate Co., Columbia, Tenn.
Consolidated Phosphate Co., Dublin, Ga.
Consolidated Pipe Co., Los Angeles, Cal.
Consolidated Press Co., machsts., Hastings, Mich.
Consolidated Products Co., machy. dlrs., 15 Park Row, New York.
Consolidated Pump Co., extension ladders & pumps, Toledo, O.
Consolidated Quarry Co., Barre, Vt.
Consolidated Ry. Elec. Light'g & Equipt. Co., 61 B'way, New York.
Consolidated Railway & Mill Supply Co., mill & facty. supps., 327 S. La Salle, Chicago, Ill.
Consolidated Rendering Co., bone dlrs., oleo oils, etc., 40 N. Market, Boston, Mass.
Consolidated Rosendale Cement Co., 50 Church, New York.
Consolidated Rubber Co., plumbers' goods, Trenton, N. J.
Consolidated Rubber Tire Co., 229 W. 57th, New York.
Consolidated Safety Pin Co., clips (paper, fountain pen), Bloomfield, N. J.
Consolidated Safety Valve Co., 119 W. 40th, New York.
Consolidated Saw Mills Co., lbr. mfrs., Wright Bldg., St. Louis, Mo.
Consolidated Sheet Metal Works, metal doors, windows, etc., 661 Hubbard, Milwaukee, Wis.
Consolidated Stamp Mfg. Co., 87 Maiden la, New York.
Consolidated Stone Co., Bedford, Ind.
Consolidated Stone & Mining Co., crushed, 307 5th av, Pittsburgh, Pa.
Consolidated Telegraph & Electrical Subway Co., 54 Lafayette, New York.
Consolidated Time Lock Co., 2268 Spring Grove, Cincinnati, O.
Consolidated Tramway Co., machsts. & fndrs., Roanoke, Va.
Consolidated Utilities Corp., elec. lgt. plants, 319 W. Lake, Chicago, Ill.
Consolidated Water Power & Paper Co., Grand Rapids, Wis.
Consolidated Wheatland Plaster Co., Caledonia, N. Y.
Consolidated Window Glass Co., Bradford, Pa.
Consolly, Robert G., architect, 40 E. State, Trenton, N. J.
Consolva & Overmeyer, contractors, Norfolk, Va.
Constable Bros. Co., contractors, Erie, Pa.
Constable, Robt. S., contractor, Youngstown, Ohio.
Constance Lumber Co., Mansfield, Ohio.
Constant, B. S., Mfg. Co., machy. dealers, machsts. & fndrs., grain machy., Bloomington, Ill.
Constant, C. L., Co., metallurgical engrs., 42 New, New York.
Constant, P. J., contractor, 277 B'way, New York.
Constantin Refining Co., petroleum, Tulsa, Okla.
Constantine Board & Paper Co., Constantine, Mich.
Constantine Casket Co., Constantine, Mich.
Constantine Construction Co., 240 Dewey av, Buffalo, N. Y.
Constantine Milling Co., flour, Constantine, Mich.
Constine, Carl & Son, lbr., Peshtigo, Wis.
Constitution Stone Co., Constitution, Ohio.
Construction & Engineering Co., 1047 Folsom, San Francisco, Cal.
Construction News Co., trade publication, 53 W. Jackson blvd., Chicago, Ill.
Construction Service Co., 15 William, New York.
Consumer Glue Co., 176 Federal, Boston, Mass.
Consumers' Ammonia Mfg. Co., Camden, N. J.
Consumers' Box Board & Paper Co., Lititz, Pa.
Consumers' Box Mfg. Co., packing box mfrs., 925 Halsted, Chicago, Ill.
Consumers' Chemical Corp., 120 B'way, New York.
Consumers' Coal & Supply Co., masons' & bldrs.' matls., Asbury Park, N. J.
Consumers' Coal & Supply Co., masons' & bldrs.' matls., Elkhart, Ind.
Consumers' Cooler Co., Michigan City, Ind.
Consumers' Cotton Oil Mills, 39 S. La Salle, Chicago, Ill.
Consumers' Fuel & Building Supply Co., Lima, Ohio.
Consumers' Lignite Co., Dallas, Tex.
Consumers' Lumber & Veneer Co., Apopka, Fla.
Consumers' Monument Co., Ball Ground, Ga.
Consumers' Power Co., 226 Main, Jackson, Mich.
Consumers' Refining Co., lubricating oils, etc., 76 W. Monroe, Chicago, Ill.
Consumers' Rubber Co., packing mfrs., Cleveland, Ohio.
Consumers' Salt Co., Los Angeles, Cal.
Contact Process Co., chemicals, Buffalo, N. Y.
Contentnea Guano Co., Wilson, N. C.
Contessa, Vita, contractor, 311 E. 119th, New York.
Contey, Frank, scrap iron, rubber, 451 Whiton, Jersey City, N. J.
Contey, Frank M., scrap iron, 317 Grand, Jersey City, N. J.
Conti Bros., granite producers, Milford, N. H.
Continental Aircraft Corp., 120 Liberty, New York.
Continental Asbestos Corp., 7 Summer, Worcester, Mass.
Continental Bedding Co., cotton felt mattresses, 86 Beverly, Boston, Mass.
Continental Bedding Mfg. Co., 1636 Bryant, San Francisco, Cal.
Continental Boiler & Sheet Iron Wks., 1218 S. Vandeventer av, St. Louis, Mo.
Continental Bolt & Iron Wks., 2225 W. 43d, Chicago, Ill.
Continental Brass & Foundries Co., stoves, 21 S. 4th, St. Louis, Mo.
Continental Brick Co., Wright Bldg., St. Louis, Mo.
Continental Bridge Co., steel structural work, Peotone, Ill.
Continental Can Co., cans & can closing machines, Syracuse, N. Y.
Continental Car Co., Louisville, Ky.
Continental Chemical Co., boiler compounds, 119 S. 4th, Philadelphia, Pa.
Continental Co., screens, ventilators, etc., Penobscot Bldg., Detroit, Mich.
Continental Condensed Milk Co., Mill Hall, Pa.
Continental Constr. Co., Nat'l. Bank of Commerce Bldg., St. Louis, Mo.
Continental Contracting Co., Kearns Bldg., Salt Lake City, Utah.
Continental Elec. Co., metal specialties, brass nuts, screws, washers, binding, posts, etc., 1883 Park av, New York.
Continental Felt Co., 64 E. 11th, New York.
Continental Fibre Co., Newark Centre, Del.
Continental File Corp., Anderson, Ind.
Continental Gin Co., machinists, Birmingham, Ala.
Continental Grate Co., Exchange Bldg., Boston, Mass.
Continental Heater Co., Dunkirk, N. Y.
Continental Iron & Steel Co., 2 Rector, New York.
Continental Iron Works, corrugated furnaces, welded cylinders, pipes, annealing pots, digesters, etc., West & Calyer, Brooklyn, N. Y.
Continental Knitting mills, sweaters, cardigans, etc., 860 Flushing av, Brooklyn, N. Y.
Continental Latch Needle Co., 120 Liberty, New York.
Continental Lbr. Co., Houston, Tex.
Continental Mach. & Fdry. Co., grey iron & semi-steel, 517 Ins. Exch. Bldg., Chicago, Ill.
Continental Mach. Wks., Oakland, Cal.
Continental Metal Co., bearing, 57-61 Richards, Brooklyn, N. Y.
Continental Mfg. Co., disinfectants & furn. polish, Indianapolis, Ind.
Continental Mfg. Co., glue mfrs., 4611 Girard, Phila., Pa.
Continental Marble & Granite Co., Canton, Ga.
Continental Mills, cotton sheetings, Lewiston, Me.
Continental Motor Mfg. Co., machsts., Muskegon, Mich.
Continental Motor Truck Co., Fisher Bldg., Chicago, Ill.
Continental Oil Co., Denver, Colo.
Continental Oil Products Co., lubrg., 4053 S. La Salle, Chicago, Ill.
Continental Paint & Mfg. Co., Cleveland, Ohio.
Continental Paper Bag Co., paper bag mfrs., 17 Battery pl, New York.
Continental Paper Co., Bogota, N. J.
Continental Piling & Lumber Co., 112 W. Adams, Chicago, Ill.
Continental Piston Ring Co., Memphis, Tenn.
Continental Portland Cement Co., cement mfrs., Wright Bldg., St. Louis, Mo.
Continental Refining Co., Oil City, Pa.
Continental Rubber Works, cups, buckets, hose, etc., Erie, Pa.
Continental Sales Display Corp., elec. illuminated signs, 110 W. 40th, New York.
Continental Salt & Chemical Co., 16 California, San Francisco, Cal.
Continental Shipbuilding Corp., 103 Park av, New York.
Continental Steel & Supply Co., nails, Fulton Bldg., Pittsburgh, Pa.
Continental Stove Co., Richmond, Va.
Continental Sugar Co., Toledo, Ohio.
Continental Supply Co., oil & gas well supplies, Post Dispatch Bldg., St. Louis, Mo.
Continental Tie & Lumber Co., Denver, Colo.
Continental Truck Mfg. Co., Superior, Wis.
Continental Varnish Co., Newark, N. J.
Continental Wood Screw Co., saw grinders & screws, New Bedford, Mass.
Continuous Castings Corp., Garwood, N. J.
Contoocook Valley Paper Co., West Henniker, N. H.
Contra Costa Construction Co., Berkeley, Cal.
Contracting & Material Co., 10 S. La Salle, Chicago, Ill.
Contracting & Supply Co., masons' & bldrs.' matls., 816 Olive, St. Louis, Mo.
Contractor (The), trade publication, Old Colony Bldg., Chicago, Ill.
Contractors' Casting & Mach. Co., 743 Hertel av, Buffalo, N. Y.
Contractors' Equipment Co., tools & supplies, Seattle, Wash.
Contractors' Machy. Exchange, 38 Stanford, San Francisco, Cal.
Contractors' Stone & Gravel Co., N. & W. Ry., Newton, Cincinnati, Ohio.
Contractors' Supply Co., masons' & bldrs.' matls., Marion, Ind.

Contractors' Trading Co., contractors' tools & supplies, 232 Fulton, New York.
Contrexeville Mfg. Co., plushes, Manville, R. I.
Conver, S. S., architects, Lansdale, Pa.
Converse, D. E., Co., cotton sheetings, Glendale, S. C.
Converse, E. E., sash, door & blind mfrs., Ocala, Fla.
Converse, Emil P., contractor, Massillon, Ohio.
Converse, F. S., Co., rotary screens, Johnson City, N. Y.
Converse, H. P., & Co., contractors, 88 Broad, Boston, Mass.
Converse, M. E., & Son, toys, games & nov., Winchendon, Mass.
Converse Rubber Shoe Co., Malden, Mass.
Convertible Ratchet Wrench Co., Allentown, Pa.
Convery's, John P., Sons, masons' & bldrs.' matls., Newburgh, N. Y.
Conveying Weigher Co., 90 West, New York.
Conway & Co., friction clutches, 2507 Beekman, Cincinnati, O.
Conway Cotton Oil & Gin Co., Conway, Ark.
Conway Iron Wks., Conway, S. C.
Conway, J. P., machst. & fndr., Winchester, Ky.
Conway, J. W., founder, Hartford, Conn.
Conway, L. Eugene, architect, New London, Conn.
Conway L'br. Co., textile machy., supplies, etc., Conway, N. H.
Conway Lumber Co., Fort Dodge, Ia.
Conway-McLeod Fdry. Co., 675 Atwater, E., Detroit, Mich.
Conway, Martin, contractor, New Brunswick, N. J.
Conway, Merritt C., architect, 211 Furnam, Syracuse, N. Y.
Conway, R. F., Co., contractors, 133 W. Washington, Chicago, Ill.
Conway Stove Co., mfrs., Bellevue, Ohio.
Conway Veneered Door & Mantel Co., 2019 St. Paul, Milwaukee, Wis.
Conway, W. J., architect, 400 Union, Brooklyn, N. Y.
Conway, Wm., brick, 5800 Walnut, Philadelphia, Pa.
Conway, Wm. A., wholesale hdwe., 626 Forrest, Baltimore, Md.
Conway, Wm. H., architect, 104 E. Side sq., Springfield, Ill.
Conwell & Co., ties, poles, etc., Milton, Del.
Conwell, Rowland & Hutchins, architects, Conestoga Bldg., Pittsburgh, Pa.
Conwoy Towboat Co., Covington, Ky.
Cook, A. D., machst. & fndr., Lawrenceburg, Ind.
Cook, A. J., & Co., masons' & bldrs.' matls., Memphis, Tenn.
Cook, A. W., wood handles, Fryeburg, Me.
Cook, Anderson, Co., masons' & bldrs.' matls., Beaver, Pa.
Cook, Asa S., Co., machinists, Hartford, Conn.
Cook, Barron C., Chemical Mfg. Co., Charlotte, N. C.
Cook Bros. Pottery Co., Gadsden, Ala.
Cook & Brown Lime Co., Oshkosh, Wis.
Cook, C. A., Co., piano benches, seats, stools, etc., Cambridge, Mass.
Cook, C. J., Co., 275 16th, Portland, Ore.
Cook, C. Lee, Mfg. Co., machsts., mtlc. packing, etc., Louisville, Ky.
Cook Cane Mill & Evaporator Co., sugar evap. & mills, 320 N. 2d, St. Louis, Mo.
Cook Car Journal Cooler Co., machsts. & fndrs., Flint, Mich.
Cook Carriage Co., Bloomville, Ohio.
Cook, Chas. A., & Co., machinery & automobile springs, 3911 2d av, Brooklyn, N. Y.
Cook, Chas. K., Co., advtg. novelties, 211-213 S. 2d, Camden, N. J.
Cook & Chick Co., mill & facty. supplies, 18 E. Kinzie, Chicago, Ill.
Cook, Clinton B., architect, Asbury Park, N. J.
Cook & Coburn, dowels, West Fairlee, Vt.
Cook & Cokefair, lubrg. oils, 306 Pearl, New York.
Cook Const. Co., Gilfillan Blk., St. Paul, Minn.
Cook & Corswandt, elec. & gas light fixtures, 20 E. Lake, Chicago, Ill.
Cook, E. C., & Bro., contractors' tents, 827 Loomis av, Chicago, Ill.
Cook, Ernest L., common brick, Bridgewater, Mass.
Cook, F. A., & Son, 127 W. 40th, New York.
Cook, F. B., testing clamps, 162 N. Clinton, Chicago. Ill.
Cook, F. D., L'br. Co., Nashua, N. H.
Cook, F. H., & Co., machsts. & fndrs., Leominster, Mass.
Cook, Frank B., Co., telephones, 326 W. Madison, Chicago, Ill.
Cook, Fred, lumber, Dunn, La.
Cook & Genung Co., masons' & bldrs.' matls., 16 Jersey, Newark, N. J.
Cook, Geo., contr., Plattsburg, N. Y.
Cook, Geo. L., architect, Dorchester, Boston, Mass.
Cook, H. C., Co., machinists, Ansonia, Conn.
Cook, H. N., Belting Co., 401 Howard, San Francisco, Cal. *See adv. index at end of book.*
Cook, H. R., cornices & skylights, 838 King, Wilmington, Del.
Cook, J. C., cornices, Greenville, S. C.
Cook, J. W., common brick, Poneto, Ind.
Cook, Jas. M., lbrmen's socks, Somerset, Pa.
Cook, John, & Son, contractors, Brookline, Mass.
Cook, L. D., Co., masons' & bldrs.' matls., Boundbrook, N. J.
Cook & Laurie Gravel Co., Montgomery, Ala.
Cook-Lewis Fdry. Co., Greensboro, N. C.
Cook, M. D. L., contractor, Little Rock, Ark.
Cook, Mark, brick, Springville, Utah.
Cook & Miller, cornices, Muncie, Ind.
Cook Milling Co., flour, Mebane, N. C., & Mabscott, W. Va.
Cook Motor Co., Delaware, Ohio.
Cook, N. B., Oil Co., animal, fish & vegetable oils, 148 Front, New York. *See adv. index at end of book.*
Cook, O. S., & Sons Co., packing box mfrs., Fitchburg, Mass.
Cook & Parker, whip mfrs., Westfield, Mass.
Cook Pottery Co., china, cleats, crockery, insulators, knobs, porcelain specialties, etc., Trenton, N. J.
Cook, R. A., mill & facty. supplies, Stevens Point, Wis.
Cook-Rankin-Wyckoff, architects, 112 W. 9th, Los Angeles, Cal.
Cook & Ripley, contractors, Schenectady, N. Y.
Cook, Robt. Allen, architect, Milford, Mass.
Cook, Simon Co., scrap iron, Wabash, Ind.
Cook & Smith, sash, door & blind mfrs., Redwood, N. Y.
Cook Spring Co., 420 E. 106th, New York.
Cook Standard Tool Co., cattle guards, Kalamazoo, Mich.
Cook, Thos. W. G., presses, 83 Walker, New York.
Cook, W. P., & Co., lbr. mfrs., Charleston, C. C.
Cook, Walter, architect, 3 W. 29th, New York.
Cook-Watkins & Co., granite producers, 223 Columbus av, Boston, Mass.
Cook, Wm. F., Supply Co., stone prod., 184 State, Springfield, Mass.
Cook, Wm. H., contrs., Rockford, Ill.
Cook, Wm. P., & Co., ties, Jacksonville, Fla.
Cooke & Co., architects, Prince Theatre Bldg., Houston & Beaumont, Tex.
Cooke, E. B., architect, Atlanta Trust Bldg, Atlanta, Ga.
Cooke, F. E., mason's & bldrs'. matls., Fredonia, N. Y.
Cooke, J. P., Co., stamps—rubber, steel—Omaha, Neb.
Cooke, Jno. K., & Son, steel structural wk., Athenia, N. J.
Cooke, Jos. C., architect, 34 S. 17th, Philadelphia, Pa.
Cooke, Jos. S., electroplating, 20 Jacob, New York.
Cooke-Shanawolf Co., canned goods, 3909 Bank, Baltimore, Md.
Cooke Wilson Electric Supply Co., mfrs. agents, Imperial Power Bldg., Pittsburgh, Pa.
Cookeville Roller Mills, flour, Cookeville, Tenn.
Cook's, A., Sons Co., lumber, Cooksburg, Pa.
Cook's, Adam, Sons, lubrg. oils, 708 Washington, New York.
Cooks' Linoleum Co., Trenton, N. J.
Cook's Lbr. Co., Laconia, N. H.
Cool Spring Canning Co., Cool Spring, Del.
Coolbaugh, C. C., & Son, lumber mfrs. & wholesale dlrs., 19th & Cambria, Philadelphia, Pa.
Cooledge, F. J., & Sons, enamels, paints, Atlanta, Ga.
Cooley & Brenan, contractors, Springfield, Mass.
Cooley, A. E., & Co., steam fitters' supplies, Canandaigua, N. Y.
Cooley, C. D., Co., architect, 37 E. 28th, New York, Akron, Ohio, Kansas City, Mo., & Washington, D. C.
Cooley, C. F., masons' & bldrs. matls., Madison, Wis.
Cooley Mfg. Co., carpet beaters, 551 W. Monroe, Chicago, Ill.
Cooley Mfg. Co., cheese boxes, West Bend, Wis.
Cooley Mfg. Co., packing mfrs., 98 Park pl, New York.
Cooley & Son, masons' & bldrs. matls., Montrose, Pa.
Cooley & Trevor Mfg. Co., machsts., Hartford, Conn.
Cooley Wright Mfg. Co., machsts. & fndrs., gas engines, Waterbury, Vt.
Coolidge & Carlson, architects, 89 State, Boston, Mass.
Coolidge Carriage Co., Woodville, Mass.
Coolidge & Hodgdon, architects, 134 S. La Salle, Chicago, Ill.
Coolidge, L. H., Co., naval architects, Seattle, Wash.
Coolidge, Roger E., mill engineer, Southbridge, Mass.
Coolidge & Schussler, lumber, Metropolitan Life Bldg., Minneapolis, Minn.
Coolidge & Shattuck, architects, Ames Bldg., Boston, Mass.
Cooling Carriage Co., Wilmington, Del.
Cooling Tower Co., 15 John, New York.
Coombs & Ash, architects, Lewiston, Me.
Coombs, Harry S., architect, Lewiston, Me.
Coombs, R. D., & Co., steel struct'd work, 30 Church, New York
Coombs, Wm. A., Milling Co., flour, Coldwater, Mich.
Coomer & Small Co., contractors, Sioux City, Ia.
Cooney-Dunn Co., m[illegible] & facty. supplies, 72 Grand, New York.
Cooney, Eckstein & Co., lbr., 66 Broad, New York.
Cooney, John H., heating contractor, Harrison, N. J.
Cooney & Smith, mattresses, Saginaw, Mich.
Coonley Mfg. Co., machsts. & fndrs., Cicero, Ill.
Cooper, A. A., Wagon & Buggy Co., Dubuque, Iowa.
Cooper, A. P., architect, Uniontown, Pa.
Cooper, A. & W., masons' & bldrs. matls., 1318 Gratiot av, Detroit, Mich.
Cooper, B., & Son, coppersmiths, 910 E. Baltimore, Balti., Md.
Cooper & Bagg, architects, Clarendon Bldg., Utica, N. Y.
Cooper, Barclay, contractor, 45 N. 11th, Minneapolis, Minn.
Cooper & Beckbissinger, architects, Saginaw, Mich.
Cooper-Bell Varnish Co., 2526 W. Van Buren, Chicago, Ill.
Cooper & Bones, brick, Ada, Okla.
Cooper Brick Co., Akron, Ohio.
Cooper Bros., machsts. & fndrs., Cortland, N. Y.
Cooper, C. & G., Co., machinists, Mount Vernon, Ohio.
Cooper, C. M., ties, poles & posts, Paintsville, Ky.
Cooper, Chas., & Co., chemicals, 194 Worth, New York.
Cooper, Chas. (Est. of), knitting & textile machs., etc., Bennington, Vt.
Cooper, Chas. S., contractor, 20 Clinton av, Newark, N. J.
Cooper & Co., masons' & bldrs. matls., Belfast, Me.
Cooper & Cooper, chemicals, 309 B'way, New York.
Cooper, Dyer, machst., N. 40th, Philadelphia, Pa.

Cooper, E. B., contractor, Lumber Exch., Minneapolis, Minn.
Cooper, E. C., ties, Wilton, Ark.
Cooper, E. N., & Co., machst. & fndr., Harrisburg, Pa.
Cooper, Edw. S., gimlet bits, Seymour, Conn.
Cooper, F. A., architect, Conn. Nat'l Bk. Bldg., Bridgeport, Conn.
Cooper, Francis W., architect, Pueblo, Colo.
Cooper, Frank Irving, Corp., architects, 33 Cornhill, Boston, Mass.
Cooper, Frank N., contractor, Jeff E. & Joplin, Detroit, Mich.
Cooper, George S., architect, 1413 G, N. W., Washington, D. C.
Cooper, Geo. W., shingle stains, Denver, Colo.
Cooper, Guano Co., Wilmington, N. C.
Cooper, Gustave A., architect, 75 Whitestone, Flushing, N. Y.
Cooper, H. W., Saddlery Hardware Mfg. Co., Moline, Ill.
Cooper, Harry, Supply Co., plumbers', jobbers' & steam fitters' supplies, Springfield, Mo.
Cooper Heater Co., Carlisle, Pa.
COOPER HEWITT ELECTRIC CO., electric lamps for illumination of industrial plants & for photography, Hoboken, N. J.
Cooper Hose Mender Co., 8th & Grand, Providence, R. I.
Cooper, Hugh L., & Co., contractors, 101 Park av, New York.
Cooper, J. J., contractor, Andrus Bldg., Minneapolis, Minn.
Cooper, Jas. E., architect, Pope Bldg., Washington, D. C.
Cooper, Jno., cupola linings, 111 Clay, Brooklyn, N. Y.
Cooper, John S., canned goods, Columbia, Del.
Cooper Lumber Co., Columbus, Ga.
Cooper & McKee, refrigerators & water coolers, 110 Lorimer, Brooklyn, N. Y.
Cooper Madison Co., refrigeration engrs., Calcium, N. Y.
Cooper, Mark P., masons' & bldrs. matls., Christiana, Pa.
Cooper, Otway, halters & wholesale hdwe., Urbana, Ohio.
Cooper Oven Thermometer Co., oven thermometers & enamel dials, Pequabuck, Conn.
Cooper, P. B., architect, Annapolis, Md.
Cooper Sanitary Mfg. Co., cocks, plumbers' supplies, regulators, valves, etc., 34th & Chestnut, Philadelphia, Pa.
Cooper Spring Co., Cleveland, Ohio.
Cooper Union, engng. school & coll., Cooper sq, New York.
Cooper, W. J., architect, Boston Bldg., Salt Lake City, Utah.
Cooper, W. N., lumber, Asheville, N. C.
Cooper, W. S., & Co., contractors, Toronto, Ohio.
Cooper, Wells & Co., lumbermen's socks, St. Joseph, Mich.
Cooper, Wm. J., & Co., sashes, doors & blinds, Camden, N. J.
Co-operative Concrete Constr. Co., molds, Oskaloosa, Ia.
Co-operative Engng. Co., 50 Church, New York.
Co-operative Enterprise Glass Co., lamp chimneys, North Vernon, Ind.
Co-operative Fertilizer Co., Braselton, Ga.
Co-operative File Co., Lawrence, Mass.
Co-operative Flint Glass Co., Beaver Falls, Pa.
Co-operative Foundry Co., sewer manhole steps, 207 Junction av, Detroit, Mich.
Co-operative Foundry Co., stoves & furnaces, Rochester, N. Y.
Co-operative Furniture Co., book-cases, Rockford, Ill.
Co-operative Plate Window Glass Co., 5914 S. Racine av., Chicago, Ill.
Co-operative Stove Co., Bloomington, Ill.
Co-operative Tin Shop, cornices & skylights, Lafayette, Ind.
Cooper's, Peter, Glue Factory, Gowanda, N. Y.
Coopersburg Bending Wks., carriage bodies, Coopersburg, Pa.
Coopersburg Casket Co., Coopersburg, Pa.
Coos Bay Iron Works, Marshfield, Ore.
Coos Bay Lumber Co., Oakland, Cal.
Coosa Pipe & Fdry. Co., Birmingham, Ala.
Coosa Portland Cement Co., N. Stock Exch. Bldg., Phila., Pa.
Coosa River Fertilizer Co., Wetumpka, Ala.
Coosada Pottery Co., Coosada Station, Ala.
Cope, Hy., & Co., fertilizer mfrs., Lincoln University, Pa.
Cope, L. Lynden, architect, Oswego, N. Y.
Cope, L. N., & Son, contractors, Decatur, Ill.
Cope Pattern Wks., 30 Brush, Detroit, Mich.
Cope & Stevenson, architects, 316 Walnut, Phila., Pa.
Cope, T. J., manhole covers, underground tools & equipments, 1620 Chancellor, Philadelphia, Pa.
Copeland, G. T., corn poppers, Gloversville, N. Y.
Copeland, H. L., architect, Walla Walla, Wash.
Copeland, Hugh, & Sons, stone producers, Washington & 24th, Philadelphia, Pa.
Copeland-Inglis Shale Brick Co., Birmingham, Ala.
Copeland, J. F., cornices & skylights, Hampton, Va.
Copeland, L. E., masons' & bldrs. matls., Dunwoody, Ga.
Copeland Lumber Co., Hazelhurst, Ga.
Copeland Mill Supply Co., 424 Central av, Pawtucket, R. I.
Copeman Electric Stove Co., Flint, Mich.
Copenhaver, Geo. C., carriages, Denver, Colo.
Coplay Cement Mfg. Co., Copley, Pa.
Copley Bros., cornices & skylights, Riverside, Cal.
Copp, C. W., masons' & bldrs.' matls., James, Flushing, N. Y.
Coppala Ra Faielo, architect, Pennyfield av, New York.
Copper City Commercial Co., cornices & skylights, Anaconda, Montana.
Copper Clad Malleable Range Co., 520 N. Commercial, St. Louis, Mo.
Copper Queen Consolidated Mining Co., Douglas, Ariz.
Coppersmith, J. M., machinist, Rockford, Ohio.
Coppes Bros. & Zook, cabinets, Nappanee, Ind.
Coppes, John, architect, Kaukauna, Wis.
Coppock-Warner Lbr. Co., Land Title Bldg., Philadelphia, Pa.
Copps Bros., bldg. contractors, Madison, Wis.
Coppus Engineering & Equipment Co., steam turbines, turbo blowers, etc., Worcester, Mass.
Coquard, Leon, architect, 169 First, Detroit, Mich.
Coral Concrete Culv. Mfg. Co., Coral, Mich.
Corbaley, Chas. W., Co., contractors, H. W. Hellman Bldg., Los Angeles, Cal.
Corbett, B. C., architect, Union Oil Bldg., Los Angeles, Cal.
Corbett & Co., clothes dryers, flag poles, ladders, etc., 429 E. 109th, New York.
Corbett & De Cowsey, elec. vulcanizers, 705 Columbia Bank Bldg., Pittsburgh, Pa.
Corbett, Edw. M., architect, 70 Bedford, Fall River, Mass.
Corbett (Miss) Ella M., architect, Hayden Bldg., Columbus, O.
Corbett, F. A., contractor, 148 Sutherland rd, Boston, Mass.
Corbett, Geo. E., & Co., boilers, 1336 Cortland, Chicago, Ill.
Corbett, Geo. W., contractor, 409 10th, N. W., Washington, D. C.
Corbett, Harvey W., architect, 190 Montague, Brooklyn, N. Y.
Corbett, J. Knox, Lumber Co., Tucson, Ariz.
Corbett, Lawrence, architect, 129 Weld, Rochester, N. Y.
Corbett Lumber Co., Moultrie, Ga.
Corbett, M. J., & Co., bronze powders, 24 State, New York.
Corbett, M. J., & Co., wood acids & alcohol, Binghamton, N. Y.
Corbett Mill Co., lumber, Anacortes, Wash.
Corbett & Rohe, mill & facty. supplies, Greensburg, Ind.
Corbett-Steeves Pattern Works, Rochester, N. Y.
Corbett & Stuart, wood acids, Binghamton, N. Y.
Corbett, T. R., & Sons, contractors, Woburn, Mass.
Corbett, Wm. H., sashes, doors & blinds, Napa, Cal.
Corbin Cabinet Lock Co., New Britain, Conn.
Corbin Disinfecting Co., Front & Walnut, Philadelphia, Pa.
Corbin, E. M., architect, Putnam, Conn.
Corbin & Guion, machsts., 310 S. Desplaines, Chicago, Ill.
Corbin, P. & F., bldrs. hdwe., New Britain, Conn.
Corbin, P. & F., hdwe., 101 Park av, New York.
Corbin Screw Corp., screws of every description and automatic screw machine products mfrs., New Britain, Conn.
Corbin Supply Co., mill & factory supplies, Macon, Ga.
Corbin, W. S., masons' & bldrs. matls., Gouverneur, N. Y.
Corbitt Automobile Co., Henderson, N. C.
Corbitt Buggy Co., Henderson, N. C.
Corbusier, J. W. C., architect, Lennox Bldg., Cleveland, Ohio.
Corby Co., alcohols, Washington, D. C.
Corcoran, A. J., Inc., machsts. & fdrs., tanks, towers, windmills, etc., 761 Jersey av, Jersey City, N. J.
Corcoran Constr. Co., West Chester, Pa.
Corcoran, J. G., Co., contractors, 4 Smithfield, Pittsburgh, Pa.
Corcoran Mfg. Co., automobile parts, 4634 Spring Grove av, Cincinnati, O.
Corcoran Matt & Co., coppersmiths, Louisville, Ky.
Corcoran, P., & Son, packing box mfrs., D., S. Boston, Mass.
Corcoran Scientific School of Columbian Univ., engng. schools & coll., Washington, D. C.
Corcoran Supply Co., plumbers', steam & gas fitters' supplies, jobbers, Brockton, Mass.
Corcoran-Victor Co., automobile lamps, etc., Cincinnati, O.
Cordage Trade Journal, 81 Fulton, New York.
Cordaville Woolen Co., Cordaville, Mass.
Corddry Co., sash, door & blind mfrs., Snow Hill, Md.
Cordele Sash, Door & Lumber Co., Cordele, Ga.
Cordes, A. W., architect, 124 W. 45th, New York.
Cordes, Ayrault & Co., asphalt shingles, Tonawanda, New York.
Cordes, F. H., Bldg. Co., Union Trust Bldg., Cincinnati, Ohio.
Cordes, H. W., architect, Union Trust Bldg., Cincinnati, Ohio.
Cordes, L. H., & Co., common brick, Watertown, Wis.
Cordesman-Rechtin Co., dado & wood working machy., Butler, Cincinnati, Ohio.
Cordingley, W. S., & Son, cotton waste, 229 A. S., Boston, Mass.
Cordis Mills, tickings, Millbury, Mass.
Cordley & Hayes, water, milk & cream coolers, flower tubs, & fire brackets, 7 Leonard, New York.
Cordner, J. G., architect, Bankers' Life Bldg., Lincoln, Neb.
Cordova Leather Co., 176 Madison av, New York.
Core, W. T., dry docks, Norfolk, Va.
Corey, E., & Co., wholesale hdwe., mill & facty. supplies, 195 Commercial, Portland, Me.
Corey Mach. Co., machsts., Gloversville, N. Y.
Corey-Taylor Constr. Co., Ogden, Utah.
Corey, Wm., Co., textile machy., supplies, etc., Manchester, N. H.
Corinth Machy. Co., Corinth, Miss.
Cork Insert Co., cork insert frictions & tensions, pulleys, brake & clutch facings, 164 Federal, Boston, Mass.
Cork Insulation Co., Jersey City, N. J.
Cork Mfg. Co., 186 Van Brunt, Brooklyn, N. Y.
Cork & Zicha Marble Co., 813 Vernon av, L. I. City, N. Y.
Corkery, Jno. J., stone producers, Yonkers, N. Y.
Corkey Bros. Logging Co., lumber, Hoquiam, Wash.
Corkran, Hill & Co., meat packers, Union Stock Yards, Baltimore, Md.
Corlett, W. W., oil & gas well supplies, Knox, Pa.
Corley, J. P., Lumber Co., Manchester, Ga.
Corley Mfg. Co., saw teeth, Chattanooga, Tenn.
Corley, W. C., lumber, Coushatta, La.
Corliss, C. R., & Sons, oiled clothing, Gloucester, Mass.
Corliss Carbon Co., carbon brushes, Bradford, Pa.

Corliss, E. M., Co., gas engines, 314 Brannan, San Francisco, Cal.
Corliss Gas Engine Co., 440 Market, San Francisco, Cal.
Corliss, J., Supply Co., manufacturers agents, 1906 Olive, St. Louis, Mo.
Corliss Mfg. & Supply Co., boiler compounds, cements, metal polish etc., 1906 Olive, St. Louis, Mo.
Corliss Motor Truck Co., Corliss, Wis.
Corn Belt Tractor Co., traction engines, 2701 Univ. av, S. E., Minneapolis, Minn.
Corn Products Refining Co., food products, 17 Battery pl, New York.
Corneby, F. G., sash, door & blind mfrs., Athens, Pa.
Corneer Brick Co., Omaha, Neb.
Cornelius, A. W., architect, Merchants National Bank Bldg., San Francisco, Cal.
Cornelius, Chas. O., archt., 100 E. 17th, New York.
Cornelius, Henry D., Co., contractors, 3014 Calvelage, Indianapolis, Ind.
Cornelius Mill Furnishing Co., 1119 N. 6th, St. Louis, Mo.
Cornelius, T. Ed., architect, House Bldg., Pittsburgh, Pa.
Cornell Bros., contractors, Tacoma, Wash.
Cornell, Chas. J., glass stainers, 345 W. B'way, New York.
Cornell College, engng. school & coll., Mount Vernon, Ia.
Cornell Comb Co., Leominster, Mass.
Cornell, Frank T., architect, Grand Central Term., New York.
Cornell Iron Works, iron works, 26th & 11th av, New York.
Cornell, J. N. H., contractor, 29 B'way, New York.
Cornell, J. S., & Son, contractors, Finance Bldg., Phila., Pa.
Cornell, Jos. H., architect, Mott av, Far Rockaway, N. Y.
Cornell Lumber Co., Pleasantville, N. Y.
Cornell & Matthews, architects, Bulletin Bldg., Phila., Pa.
Cornell-Searl Co., oil well & plumbers' supplies, Lincoln, Neb.
Cornell & Underhill, plumbers, mill & steam fitters' supplies, iron pipe jobbers, Greenwich & Spring, New York.
Cornell University, engng. school & coll., Ithaca, N. Y.
Cornell, W. G., & Co., heating contrs., 45 E. 17th, New York.
Cornell Wood Products Co., wall boards, 175 W. Jackson blvd, Chicago, Ill.
Cornell-Young Co., contractors, Macon, Ga.
Corner, Jas., & Sons, pine tar, E. Falls av & Fawn, Baltimore, Md.
Cornfoot, Wm., mach. & fdr., Portland, Ore.
Cornie Stave Co., lumber, Junction City, Ark.
Corning, Arthur W., lubrg. oils, 251 Front, New York.
Corning Building Co., Corning, N. Y.
Corning, Burt W., architect, Schofield Bldg., Cleveland, O.
Corning & Co., denatured alcohol, Peoria, Ill.
Corning, Edward, Co., contractors, Vanderbilt av & 45th, New York.
Corning Fdry., Inc., grey iron castings, Corning, N. Y.
Corning Glass Wks., Corning, N. Y.
Corning, J. H., iron, 520 13th, N. W., Washington, D. C.
Corning Mfg. Co., stove mfrs., Corning, N. Y.
Cornish, Alfred, & Co., harness, saddles, etc., Omaha, Neb.
Cornish Co., pianos, Washington, N. J.
Cornish, E. P., mill & facty. supplies, Manchester, N. H.
Cornplanter Lubrg. & Oil Co., Ft. Drake, St. Paul, Minn.
Cornplanter Refining Co., Warren, Pa.
Cornwall, E., & Co., archl. iron, 709 Sarah, Pittsburgh, Pa.
Cornwall, J., & Sons, flour mills, Cadillac, Mich.
Cornwall Mfg. Co., sheet metal stampings & gasolene tanks, Penobscot av, Cleveland, O.
Cornwall Ore Bank Co., Cornwall, Pa.
Cornwall & Patterson Co., screw mach. prod., Bridgeport, Conn.
Cornwell Co., meat packers, Saginaw, Mich.
Cornwell, Fay D., architect, Indiana Harbor, Ind.
Cornwell, Lewis (Est. of), lbr. mfrs., Saginaw, Mich.
Corol Co., rust preventive, 343 S. Dearborn, Chicago, Ill.
Corona Chemical Co., color mfrs, etc., 213 Lake, Milwaukee, Wis.
Corona Cut Glass Co., Toledo, Ohio.
Corona Rubber Reclaiming Co., Germantown, Pa.
Corona Supply Co., carbon paper, etc., Rochester, N. Y.
Corona Typewriter Co., Groton, N. Y.
Coronaca Oil Mill, meal, Coronaca, S. C.
Coronet Phosphate Co., 99 John, New York.
Corono Mills Co., flour, farina, St. Louis, Mo.
Coronum Equipt. Co., valves, couplings, 89 Fulton, New York.
Corr, Peter H., cotton waste, Taunton, Mass.
Corralline Drug & Chemical Co., 465 Greenwich, New York.
Correll, R. S., masons' & bldrs.' matls. & mill & facty. supplies, Pen Argyl, Pa.
Corrick Bros., contractors, Trussed Concrete Bldg., Detroit, Mich.
Corrigan & John, masons' & bldrs.' matls., Clyde, N. Y.
Corrigan, McKinney & Co., pig iron & coke dlrs., Cleveland, O.
Corrington, Wm. E., brick, Moweaqua, Ill.
Corr. Bar Co., concrete steel construction, reinforcing materials, Mutual Life Bldg., Buffalo, N. Y.
Corr. Bar Co., concrete reinforcement, Nat'l Bank of Commerce Bldg., St. Louis, Mo.
Corr. Container Corp., corrugated paper boxes, etc., 520 Dublin av, Columbus, Ohio.
Corr. Culvert Co., Moberly, Mo.
Corr. Metal Co., Emporia, Kan.
Corr. Paper Co., Norfolk, Va.
Corr. Paper Products Co., 221 W. 26th, New York.
Corr. Steel Nail Co., Springfield, Ohio.
Corry Art Stone Co., cement bldg. tile, Corry, Pa.
Corry Bed Spring Co., Corry, Pa.
Corry Brick & Tile Co., Corry, Pa.
Corry Metal Products Co., medicine cabinets, Corry, Pa.
Corry Pail Co., Corry, Pa.
Corry Steam Boiler Wks., Corry, Pa.
Corry Wrench Co., Corry, Pa.
Corse, Montgomery, lumber, Jacksonville, Fla.
Corser, Frederick G., architect, N. Y. Life Bldg., Minneapolis, Minn.
Corsett, L. E., contractor, Olean, N. Y.
Corsicana Brick Co., Corsicana, Tex.
Corsicana Cotton Mills, Corsicana, Tex.
Corskie, J. P., & Son, granite, Barre, Vt.
Corson, G. & W. H., lime mfrs., Plymouth Meeting, Pa.
Corson, Geo. W., & Sons, contractors, 210 E. 89th, New York.
Corson, Leander S., contractor, Ocean City, N. J.
Corthaus, A. C., Spec. Co., advtg. spec., 408 Grand av, Milwaukee, Wis.
Cortland Cart & Carriage Co., Sidney, N. Y.
Cortland Forging Co. Cortland, N. Y.
Cortland Fdry. & Mach. Co., Cortland, N. Y.
Cortland Grinding Wheel Corp., machst., Cortland, N. Y.
Cortland Specialty Co., bicycle oils, paints, soaps, etc., Cortland, N. Y.
Cortland Welding Compound Co., flux-oxy-acetylene welding, Cortland, N. Y.
Cortright Metal Roofing Co., metallic shingles, 50 W. 23rd, Philadelphia, Pa.
Corwin, H. G., architect, Maine Bldg., Los Angeles, Cal.
Corwin & Vail Lumber Co., Riverhead, N. Y.
Corry, B. F., contractor, Alameda, Cal.
Cory, Chas., & Son, brass finishers & fndrs., 286 Spring, New York.
Cory & Co., coal jigs, Oliver Bldg., Pittsburgh, Pa.
Cory, Herbert H., mill & facty. supplies, Norfolk, Va.
Cory-Patterson Mfg. Co., life-saving nets, Greenfield, Ohio.
Corydon Lumber Co., Corydon, Ia.
Corydon Milling Co., flour, Corydon, Ky.
Coryell, B. H., contractor, Williamsport, Pa.
Coryville Chemical Co., acetate of lime, alcohol, etc., Bradford, Pa.
Cosby, Clarence, scrap iron & steel, Richmond, Va.
Cosby, Overton M., sash, door & blind, Washington, Ind.
Cosden & Co., petroleum & its products, Tulsa, Okla.
Cosgrave, John J., architect, 362 State, Albany, N. Y.
Coshocton Art Leather Co., Coshocton, Ohio.
Coshocton Brick Co., Coshocton, Ohio.
Coshocton Glass Co., bottles, Coshocton, Ohio.
Coshocton Iron Co., mchsts. & fndrs., Monongahela, Pa.
Coshocton Specialty Co., advertising, Coshocton, Ohio.
Coshocton Straw Paper Co., Coshocton, Ohio.
Cosman, Jacob E., machsts. & fndrs., Rockford, Wash.
Cosmo Buttermilk Soap Co., Upper Sandusky, Ohio.
Costello, D. J., Co., contractor, North Andover, Mass.
Costello, John F., contractor, Spokane, Wash.
Costen, Moore & Co., brick common, McKenzie, Tenn.
Costen, W. A., Co., almond meal, Pocomoke City, Md.
Coster, August, contractor, Norfolk, Va.
Costerisan, G. F., architect, Lankershim bldg., Los Angeles, Cal.
Costigan, Lawrence, stone prod., Church la & Baynton, Gtn., Philadelphia, Pa.
Costmeter Co., mfrs costmeters & installers of cost systems, 295 Franklin, Boston, Mass.
Coston Signal Co., 24 Water, New York.
Cote & Frost, contractors, Bellows Falls, Vt.
Cote, J. S., architect, Haight Bldg., Seattle, Wash.
Cote Piano Mfg. Co., Fall River, Mass.
Cotey, L. C., & Son, sash, door & blind mfrs., Vergennes, Vt.
Cothran, John R., architect, 403 Carondelet, New Orleans, La.
Cothran, Thos. W., architect, Greenwood, S. C.
Coto-Coil Co., armature & field coil winding mach., 1655 Elmwood av, Providence, R. I.
Cottage Building Co., sash, door & blind mfrs., Evansville, Ind.
Cottage Grove Mfg. Co., lumber mfrs., 3912 Langley av, Chicago, Ill.
Cottage Planing Mill Co., masons' & bldrs.' matls., Everett, Pa.
Cottageville Milling Co., flour, Cottageville, W. Va.
Cott-a-Lap Co., burlap, size & wall paper, Somerville, N. J.
Cotten Bros. Cypress Co., Ltd., Morgan City, La.
Cotter, E. J., stone producers, Hancock, N. Y.
Cotter, Jere., & Son, contractors, West Newton, Mass.
Cotter, T., contractor, 2364 Tiebout av, New York.
Cotter Transfer & Storage Co., Mansfield, Ohio.
Cotteral Bldg. Co., 614 Race, Cincinnati, O.
Cottier, Chas., & Son, gold leaf, 65 Nassau, New York.
Cottingham, J. C., & Sons Co., tackle blocks, 118 N. Delaware av, Phila., Pa.
Cotto Waxo Co., sweeping compounds, 1308 N. Main, St. Louis, Mo.
Cotton Belt Lumber Co., Bearden, Ark.
Cotton, H. W., landscape architect, 406 Centre, Newbury, Mass.
Cotton, Lemuel, & Son, wood handles, Hiram, Me.
Cotton Manual Publishing Co., Atlanta, Ga.
Cotton Mfg. Co., saddlery, hdwre. mfrs., Montpelier, Vt.
Cotton Oil Co., meal, Bamberg, S. C.

Cotton Oil & Ginning Co., Scotland Neck, N. C.
Cotton State Lbr. Co., Meehan Junction, Miss.
Cotton States Belting & Supply Co., Atlanta, Ga.
Cotton States Seed & Fertilizer Co., Macon, Ga.
Cotton, Wm. E., & Co., cornices, 1600 Hartford av, Baltimore, Md.
Cottonseed Products Co., Roff, Okla.
Cottonwood Milling & Elevator Co., flour, Cottonwood, Idaho.
Cottrell, C. B., & Sons Co., machsts. & fndrs., bag printing machy., Westerly, R. I.
Cottrell, J. T., Co., masons' & bldrs.' matls., Pawtucket, R. I.
Cottrell, Jonathan F., architect, 1912 Sprague, Omaha, Nebr.
Cottrell Saddlery Co., Richmond, Va.
Cottrell, W. C. & A. F., architects, Asbury Park, N. J.
Couch, A. M., cornices, 236 S. Euclid av, Dayton, Ohio.
Couch Automatic Telephone Co., 150 Nassau, New York.
Couch Bros. Mfg. Co., sweat pads, Atlanta, Ga.
Couch & Heyle, mill & fcty. supplies, Peoria, Ill.
Couch, Lester S., architect, 70 Kilby, Boston, Mass.
Couch, S. H., Co., annunciators & telephones, Quincy, Mass.
Couch, Wm., contractor, Main, Long Island City, N. Y.
Coudersport-Mangle Roller Mfg. Co., Coudersport, Pa.
Coughenour, E. C., Co., tubular boilers, Huntington, W. Va.
Coughlan, Jas. J., contractor, Carney Bldg., Boston, Mass.
Coughlan, John P., contractor, 1822 Main, Kansas City, Mo.
Coughlan, T. R., Co., lime mfrs., stone producers, Mankato, Minn.
Coulbourne & Parsons, canned goods, Marion Station, Md.
Could Construction Co., Davenport, Ia.
Coulee Lbr. Co., Attalia, Wash.
Coulman & Westcott, slate floor tiles, mantels, stair treads, etc., Fair Haven, Vt.
Coulson, Fred'k, architect, 405 Main, Worcester, Mass.
Coulson, J. W., & Bro., contractors, Hanover, Pa.
Coulson, J. W., & Co., store front construction, Columbus, O.
Coulston, Brundage & Co., rural mail boxes, La Harpe, Ill.
Coulston, J. W., & Co., color mfrs. & imptrs., 80 Maiden la, New York.
Coulston, Wm. R., & Co., contractors, 2041 E. Charleston, Philadelphia, Pa.
Coulter, D., & Son, masons' & bldrs.' matls., Andover, Ohio.
Coulter & McKenzie Mach. Co., Bridegport, Conn.
Coulter Mfg. Co., shoe lasts, 325 Arch, Phila., Pa.
Coulter, Norman R., architect, 46 Kearney, San Francisco, Cal.
Coulter's Rattan Wrks., children's carriages, 1141 Sutter, San Francisco, Cal.
Council Bluffs Concrete Co., contr., Council Bluffs, Ia.
Council Tool Co., Wananish, N. C.
Counts, J. C., grain cradles, Prosperity, S. C.
Coupe, Wm., Co., Ltd., textile machy., supplies, etc., South Attleboro, Mass.
Couple Gear Freight Wheel Co., stor. battery trucks, Grand Rapids, Mich.
Courbat, Geo. A., sash, door & blind mfrs., Mallory, N. Y.
Courchesne, A., masons' & bldrs.' matls., El Paso, Tex.
Courtade, Jos. N., & Sons, piano cases, 516 W. 24th, New York.
Courtman, Walter F., archl. iron, West Hoboken, N. J.
Courtnay Mfg. Co., cotton sheetings, Newry, S. C.
Courtney Co., masons' & bldrs.' matls., Charlston, W. Va.
Courtney, D. S., Co., tex. machy., supplies (bobbins), Chicopee, Mass.
Courtney Fire Brick Co., Monongahela, Pa.
Courtney, W. J., Co., canned goods, Mundy Point, Va.
Courtrai Mfg. Co., airplane fabrics, 115 Franklin, New York.
Courtright & Whiting Supply Co., mill & facty. supplies, Mobile, Ala.
Courval & Co., lumber mfrs., Essexville, Mich.
Couse & Bolten, belting mfrs., 44 Lafayette, Newark, N. J.
Cousens & Pratt, yacht sails, Neponset, Boston, Mass.
Cousins, H. A., Co., artificial marble, 524 W. 25th, New York.
Cousins & Son Boiler Wks., 74 Wabash, Buffalo, N. Y.
Coutant, A. K., sash, door & blind mfrs., Kingston, N. Y.
Coutts, Thos., Co., contractor, stone producers, 3324 Smallman, Pittsburgh, Pa.
Covel Machine Co., Fall River, Mass.
Covel Mfg. Co., saw sharpening machines, trucks, Benton Harbor, Mich.
Covel & Osborn Co., mill & facty. supplies, Fall River, Mass.
Covell Belting Co., leather belting, 41 N. 7th, Philadelphia, Pa.
Covell, Lyman T., lumber, Whitehall, Mich.
Covell, Wm. S., architect, 101 Park av, New York.
Cover Canning Co., Easton, Md.
Cover, H. S., goggle mfrs., South Bend, Ind.
Cover, Peter J., & Son, wholesale hardware, Meyersdale, Pa.
Covert, H. N., Co., coal chutes, etc., 351 Lexington av, New York.
Covert Mfg. Co., saddlery hardware, Troy, N. Y.
Covert Motor Vehicle Co., auto axles, Lockport, N. Y.
Covert Saddlery Wks., Interlaken, N. Y.
Covert & Stewart, masons' & bldrs.' matls., Sharpsville, Pa.
Covey & Dawson, canned goods, Barber, Md.
Covey Durham Coal Co., charcoal, 431 S. Dearborn, Chicago, Ill.
Covington Arch'l Iron Works, Covington, Ky.
Covington Brick Co., Covington, Va.
Covington Lbr. Co., Kent, Wash.
Covington Machine Co., Covington, Va.
Covington Milling Co., flour, Covington, Tenn.
Covington Mills, shade cloth, Covington, Ga.
Covington Multiple Drill Co., Covington, Ky.
Covington, W. H., Co., turpentine, Belle Isle, Fla.
Covington Woolen Mills, Covington, Ohio.
Cowan, Andrew, & Co., belting mfrs., mill & factory & steam fitters' supplies, etc., 421 W. Main, Louisville, Ky.
Cowan Building Co., 106 W. Madison, Baltimore, Md.
Cowan, Edw., cornices, 175 Larned W., Detroit, Mich.
Cowan, Jos. S., contractor, 419 4th av, Pittsburgh, Pa.
Cowan Mfg. Co., closet seats, Fulton Bldg., Pittsburgh, Pa.
Cowan Truck Co., Dorchester & Holyoke, Mass.
Cowart, A. J., lumber, Colquitt, Ga.
Cowden Brick & Tile Co., Lancaster, Ohio.
Cowden & Co., masons' & bldrs.' matls., Harrisburg, Pa.
Cowdery Coal Co., masons' & bldrs.' matls., Geneva Ohio.
Cowdrey, C. H., Machine Wks., builders of special machinery, Fitchburg, Mass.
Cowdrick, Wm. J. S., contractor, Niagara Falls, N. Y.
Cowe, Wm., architect, Mack blk., Denver, Colo.
Coweeman Driving & Rafting Co., lumber, Kelso, Wash.
Cowell, Arthur W., landscape architect, State College, Pa.
Cowell & Bedeson, architects, Merced, Cal.
Cowell, Henry, Lime & Cement Co., 2 Market, San Francisco, Cal.
Cowell, Herbert, architect, 1 Jefferson, Joliet, Ill.
Cowell, Levi, contractor, Marietta, Ohio.
Cowell Portland Cement Co., 2 Market, San Francisco, Cal.
Cowen, Chas. A., & Co., contractors, 30 E. 42nd, New York,
Coweta Cotton Oil Mill, Newnan, Ga.
Coweta Fertilizer Co., Newnan, Ga.
Cowgill & Hill Milling Co., flour, Carthage, Mo.
Cowin, J. N., & Co., masons' & bldrs.' matls., Medford, Mass.
Cowing Bros., bridge foundations, Crosby & Nickle Plate R. R., Collinswood, Cleveland, Ohio.
Cowles, C., & Co., auto & carriage hdwe, lamps, etc., Water & Chestnut, New Haven, Conn.
Cowles, Geo. S., architect, 8 Getty sq, Yonkers, N. Y.
Cowles-Horan Whip Co., Westfield, Mass.
Cowles, Louis, architect, Santa Rosa, Cal.
Cowles & Mutscheller, architects, Saginaw, Mich.
Cowles Shipyards Co., tow or tug boats, Buffalo, N. Y.
Cowles Tool Co., milling cutters, etc., 2086 W. 110th, Cleveland, O.
Cowley, A. W., architect, Columbia Bldg., Spokane, Wash.
Cowley & Thompson, arch't., Columbia Bldg., Spokane, Wash.
Cowlitz Bridge Co., Yeon Bldg., Portland, Ore.
Cowpens Mfg. Co., cotton sheetings, Cowpens, S. C.
Cowper, John W., & Co., contractors, Fidelity Bldg., Buffalo, N. Y.
Cox, A. F., architect, Chelan, Wash.
Cox, A. F., & Son, shoe polishes, Portland, Me.
Cox, A. G., buckwheat flour, Osseo, Wis.
Cox, A. J., flour mills, Cleveland, Tenn.
Cox, Abram, Stove Co., fndrs., American & Dauphin, Philadelphia, Pa.
Cox Aero Wks., propellers, auto wheels, Bayonne, N. J.
Cox Brass Mfg. Co., oxy-acetylene welding apparatus, Albany, N. Y.
Cox Bros., contractors, 5th av & Lincoln way, San Francisco, Cal.
Cox Bros. Co., wholesale hardware, West Union, W. Va.
Cox, C. A., cornices & skylights, Savannah, Ga.
Cox, C. E., Arrester Co., Eaton, Ohio.
Cox, E. D., contractor, Minerva, Ohio.
Cox, Frederic E., architect, Council Bluffs, Ia.
Cox, G. F., contractor, Norfolk, Va.
Cox, G. W., stone producers, Osgood, Ind.
Cox, Geo. S., & Bro., hair cloth mfrs., Cambria & Ornes, Philadelphia, Pa.
Cox & Gordon, meat packers, 1019 S. 3d, St. Louis, Mo.
Cox, I. G., & Bro., machsts., Paulsboro, N. J.
Cox, Irving, architect, 15 William, New York.
Cox, J. Elwood, textile mach. supplies, Highpoint, N. C.
Cox, J. Fillmore, Engng. & Tube Bending Mach. Wks., Bayonne, N. J.
Cox, Jas. S., architect, Estherville, Ia.
Cox, Jas. T., mill & facty. supplies, Paterson, N. J.
Cox, John, Jr., architect, 30 E. 42d, New York.
Cox, John, & Son, masons' & bldrs.' matls., Vanceburg, Ky.
Cox, Justice, Jr., & Co., pig iron dlrs., Land Title Bldg., Philadelphia, Pa.
Cox Lime & Stone Co., Plymouth Meeting, Pa.
Cox, P.T., Contracting Co., Inc., 154 Nassau, New York.
Cox, R. E., brick cutters, East Liverpool, Ohio.
Cox, S. S., Show Case Co., North Manchester, Ind.
Cox & Sons Co., machinery mfrs, tanks, etc., Lafayette Bldg., Philadelphia, Pa.
Cox & Stevens, naval architects, 15 William, New York.
Cox & Stone, heating contrs., 74 Richmond, Providence, R. I.
Cox, Thomas, & Son, machsts. & fndrs., Denver, Colo.
Cox, Thos., & Sons Machy. Co., Little Rock, Ark.
Cox, W. H., flour mills, Dover, Tenn.
Cox, W. S., wholesale hardware, Silver City, N. M.
Cox, Wm., architect, Bellingham, Wash.
Cox, Wm. H., architect, 53 State, Boston, Mass.
Coxe Traveling Grate Co., Hazleton & Port Carbon, Pa.

Coxhead, Ernest, architect, Hearst Bldg., San Francisco, Cal.
Coxhead, John H., architect, 928 Ellicott sq, Buffalo, N. Y.
Cox's, C. A., Sons, masons' & bldrs.' matls., 2139 American, Philadelphia, Pa.
Coxsackie Wheel & Mfg. Co., Coxsackie, N. Y.
Coy Paper Co., West Claremont, N. H.
Coye, Chas. A., coal bags, Grand Rapids, Mich.
Coyle, Bartley, & Son, common brick, Easthampton, Mass.
Coyle Bros., contractors, Galveston, Tex.
Coyle, H. B., Iron Wks., 622 Filbert, Philadelphia, Pa.
Coyle, H. J., lbr. mfr., Clifford, La.
Coyle, Jos. S., architect, 622 Filbert, Philadelphia, Pa.
Coyne Bros. Varnish Co., N. 2d & Pike, Philadelphia, Pa.
Coyne & Delany Co., machsts. & fndrs. & water-closet tanks, 832 Kent av, Brooklyn, N. Y.
Coyne, Jas. A., contractor, Steubenville, Ohio.
Cozzens Heating & Const. Co., 1201 N. Vandeventer, St. Louis, Mo.
C. & P. Elec. Wks., panel board cabinets, Springfield, Mass.
C. P. N. Chemical Co., Inc., chemicals, drugs, dyestuffs, 78 Reade, New York, & 231 W. Huron, Chicago, Ill.
Crab Creek Lbr. Co., Byron, Wash.
Crabb, Jas., contractor, Wilmette, Ill.
Crabb, Robert, architect, 5607 Euclid av, Cleveland, Ohio.
Crabb, Wm., & Co., frame pins drawing, mill & facty. supplies, 3d av, cor. 4th, Newark, N. J.
Crabbe, S. F., architect, Fargo, N. D.
Crabill Hose Clamp Co., lawn sprinklers, Battle Creek, Mich.
Crabtree, Fremont R., architect, 2449 Grand av, Milwaukee, Wis.
Crabtree & Havey, granite, North Sullivan, Me.
Crabtree, Walter P., architect, New Britain, Conn.
Craddeck, Edw. S., machsts., 226 E. 144th, New York.
Craddock, James H., architect, Farnum Bldg., Omaha, Nebr.
Craemer, Fred, submarine divers, 1220 Beach, Philadelphia, Pa.
Craft Bros., canned goods, Springwood, Va.
Craft, J. Watson, masons' & bldrs.' matls., Ambler, Pa.
Craftman Bungalow Co., architects, Empire Bldg., Seattle, Wash.
Crafton Lumber & Supply Co., Crafton, Pa.
Crafts, Arthur A., grinder tool mfr., 125 Summer, Boston, Mass.
Craftsman Tool Co., Conneaut, Ohio.
Crager Wire & Iron Wks., Salt Lake City, Utah.
Cragg, H. C., Mfg. Co., machsts. & fndrs., 228 K. S. W., Washington, D. C.
Cragin, M. J., garbage disposal plants, 746 E. 43d, Chicago, Ill.
Crago's Practical Mach. Wks., Kansas City, Mo.
Craig Bros., boilers, heating contractors, Fargo, N. D.
Craig & Brown, cornices, 421 20th, Brooklyn, N. Y.
Craig, David, cleanouts, faucets, 70 Broad, Boston, Mass.
Craig, E. E., & Co., cornices & skylights, Ennis, Tex.
Craig, Forbes & Co., granite, Quincy, Mass.
Craig Fdry. Co., lead castings, 42 Sanford, Brooklyn, N. Y.
Craig, Geo., & Sons, lumber mfrs., Morris Bldg., Phila., Pa.
Craig & Harris, stone producers, Galesburg, Ill.
Craig, J. C., architect, Kearns Bldg., Salt Lake City, Utah.
Craig, J. J., contractor, Covington, Ky.
Craig, Jas., engines, Garfield av, Jersey City, N. J.
Craig, Jas. A., contractor, E. E. Trust Bldg., Pittsburgh, Pa.
Craig, John J., architect, 53 State, Boston, Mass.
Craig, Jno. J., Co., marble prod., Knoxville, Tenn.
Craig, Jno. M., fndrs., Hartford, Conn.
Craig Mfg. Co., chain transmission, Cedar Rapids, Iowa.
Craig Millard Co., smoke consumers, Detroit, Mich.
Craig Mills, flour, New Castle, Va.
Craig Oil Co., Toledo, Ohio.
Craig Plastering Co., Odd Fellows Bldg., St. Louis, Mo.
Craig-Reynolds Fdry. Co., steam heaters, Dayton, Ohio.
Craig, S. Daley, architect, Petersburg, Va.
Craig, Samuel A., architect, Warsaw, Ind.
Craig & Schoffner Hardware Co., Nashville, Tenn.
Craig Shop, Ye, advtg. nov. & spec., Buffalo, N. Y.
Craig Stone Co., producers, Oliver Bldg., Pittsburgh, Pa.
Craig & Vrooman, cornices, Schenectady, N. Y.
Craig, Wm., Canning Co., Ogden, Utah.
Craighill, S. P., architect, People's Natl. Bk. Bldg., Lynchburg, Va.
Craigsville Woolen Mfg. Co., woolen blankets, Craigsville, Pa.
Crain, Jas. E., contractor, Logansport, Ind.
Crain Pump & Lbr. Co., 623 Arch, Philadelphia, Pa.
Cram & Ferguson, architects, 15 Beacon, Boston, Mass.; Scanlon Bldg., Houston, Tex., & 33 W. 42d, New York.
Cram, Frank, & Sons, masons' & bldrs.' matls., Des Moines, Ia.
Cram, Geo. F., Co., maps, atlases, 107 N. Market, Chicago, Ill.
Cramer, Augustus, contractor, Atlantic City, N. J.
Cramer Bros., cornices & skylights, Grant's Pass, Ore.
Cramer-Force Co., paper bags, Rochester, N. Y.
Cramer, G., Dry Plate Co., Shenandoah & Lemp avs, St. Louis, Mo.
Cramer, Geo., cornices & skylights, Niles, Ohio.
Cramer & Johnston, contrs., Oxford, O.
Cramer-Kay Machy. Co., dealers, Newhouse Bldg., Salt Lake City, Utah.
Cramer, Philip L., contractor, 713 Euclid av, Pittsburgh, Pa.
Cramer & Sherr, trav. bags & suit cases, 24 S. Frost, Phila., Pa.
Cramer, Stuart W., mill & facty. supplies, Charlotte, N. C.
Cramer, Thomas, Co. whol. hardware, North Tonawanda, N. Y.
Cramer, W. F., canned goods, Gasport, N. Y.
Cramp & Co., contractors, Denckla Bldg., Philadelphia, Pa.
Cramp, Wm., & Sons Ship & Engine Bldg. Co., Beach & Ball, Philadelphia, Pa.
Crampton-Farley Brass Co., valves, drams, etc., 221 Main, Kansas City, Mo.
Crampton, I. E., & Son Canning Co., Celina, Ohio.
Crampton & Son, boilers, Covington, Ohio.
Cranberry Furnace Co., blast, Johnson City, Tenn.
Crancer Hardware Co., Leavenworth, Kans.
Cranch Hill Granite Wks., Quincy, Mass.
Crandal, Stone & Co. Division, The Brewer-Titchener Corp., carriage & automobile hardware, Binghamton, N. Y.
Crandall, A. I., architect, Lebanon, Ore.
Crandall Bros., contrs., Williamsport, Pa.
Crandall Bros., faucets (wood), N. Kingsville, Ohio.
Crandall & Brown, lumber mfrs., 3300 S. Racine av, Chicago, Ill.
Crandall, C. J., architect, The Dalles, Ore.
Crandall Can Filler Mach. Co., Buffalo, N. Y.
Crandall Carriage Co., 593 3d av, New York.
Crandall, Chas. F., architect, E. & B. Bldg., Rochester, N. Y.
Crandall, Chas. H., architect, Burlington, Vt.
Crandall, E. V., Oil & Putty Mfg. Co., 1105 Metropolitan av, Brooklyn, N. Y.
Crandall Eng'ng Co., dry docks, 102 Border, E. Boston, Mass.
Crandall, G. H., Co., sash, door & blind mfrs., Cohoes, N. Y.
Crandall, J. E., masons' & bldrs.' matls., Ripley, N. Y.
Crandall Packing Co., asbestos gaskets, Palmyra, N. Y.
Crandall Panel Co., Brockton, N. Y.
Crandall Pettee Co., oven bldrs., 135 Hudson, New York.
Crandell, W. W., flour mills, Brownsville, Tenn.
Crandley Rubber & Supp. Co., mill & facty. supps., San Francisco, Cal.
Crandon Mfg. Co., thermostats, Portland, Me.
Crane & Breed Mfg. Co., automobile bldrs, caskets, undertakers' supplies, 1227 W. 8th, Cincinnati, Ohio.
Crane Bros., cornices & skylights, Machias, Me.
Crane Bros., paper & pulp mills, Westfield, Mass.
Crane Bros., silk thread, Kingston, Pa.
Crane, C., & Co., lumber mfrs., 1739 Eastern av, Cincinnati, O.
Crane, C. Howard, architect, Dime Bk. Bldg., Detroit, Mich.
Crane, Chas. D., architect, 606 Farwell av, Milwaukee, Wis.
Crane Co., automobile tools, Allston, Mass.
Crane Co. (Est. 1855), gas, steam & water fittings; oil, gas well & plumbers' supplies, etc., 836 S. Michigan av, Chicago, Ill.

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Boston, Mass.	Oklahoma City, Okla.
Bridgeport, Conn.	Omaha, Neb.
Brooklyn, N. Y.	Philadelphia, Pa.
Buffalo, N. Y.	Portland, Ore.
Cincinnati, O.	Sacramento, Cal.
Davenport, Ia.	St. Paul, Minn.
Des Moines, Ia.	St. Louis, Mo.
Detroit, Mich.	Salt Lake City, Utah
Duluth, Minn.	San Francisco, Cal.
Fargo, N. D.	Seattle, Wash.
Grand Rapids, Mich.	Sioux City, Ia.
Great Falls, Mont.	Spokane, Wash.
Indianapolis, Ind.	Springfield, Mass.
Kansas City, Mo.	Syracuse, N. Y.
Knoxville, Tenn.	Tacoma, Wash.
Little Rock, Ark.	Terre Haute, Ind.
Los Angeles, Cal.	Washington, D. C.
Memphis, Tenn.	Wichita, Kan.
Minneapolis, Minn.	

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Toronto, Ont.	Montreal, Que.

Crane & Co., paper & pulp mills, Dalton, Mass.
Crane, F. H., & Sons, masons' & bldrs.' matls., Quincy, Mass.
Crane Felt Mfg. Co., Belvidere, N. J.
Crane, Floyd H., sash, door & blinds, Passaic, N. J.
Crane, Fred M., & Co., contractors, Omaha, Nebr.
Crane, Geo. E., architect, 4568 Jamaica av, Richmond Hill, N. Y.
Crane Glass & Mfg. Co., 206 St. Clair av., Cleveland, Ohio.
Crane-Hamel Hardware Co., Yazoo City, Miss.
Crane Iron Wks., blast furnaces, Catasauqua, Pa.
Crane, James W., oils, grease, etc., 23-27 W. Pier, Hamilton Ferry, Brooklyn, N. Y.
Crane-Kreig Hardware Co., Newark, Ohio.
Crane, L. M., & Co., lubrg. oils, 91 Oliver, Boston, Mass.
Crane, M. H. (Est. of), htg. contrs., 189 W. Madison, Chicago, Ill.
Crane & MacMahon, carriage & wagon wheels, shafts, etc., 10 Bridge, New York.
Crane Mfg. Co., textile machy. supplies, etc., Lakeport, N. H.
Crane, Marcus S., lbr., Caldwell, N. J.
Crane & Milligan, mill & facty. supplies, 54 Mechanic, Newark, N. J.

Crane & Ordway, mill & facty., plumbers' & steamfitters' supplies, St. Paul, Minn.
Crane Oxygen Wks., 2 W. 90th, New York.
Crane, P. D., Co., clamps & masons' & blders.' matls., 10225 Meech av, Cleveland, Ohio.
Crane Packing Co., The, piston rod, 31 S. Clinton, Chicago, Ill.
Crane Puller Co., wheel & gear pullers & attachments mfrs., Arlington, Mass.
Crane, Theodore, architect, 15 W. 38th, New York.
Crane-Veeder Co., masons' & bldrs.' matls., Schenectady, N. Y.
Crane, W. B., & Co., ties, poles & posts, 913 W. 22d, Chicago, Ill.
Crane, W. & D. G., Co., lbr., Burlington, Vt.
Crane, W. F., & Co., high-pressure piping, 149 B'way, New York.
Crane, W. M., Co., stove mfrs., 16 W. 32d, New York.
Crane, W. T., Carriage Hdwe. Co., 165 Mulberry, Newark, N. J.
Crane, Z. & W. M., paper & pulp mills, Dalton, Mass.
Craner, Jno. H., architect, Conestoga Bldg., Pittsburgh, Pa.
Crane's, T. A., Sons Co., machsts. & fndrs & ship bldrs., ft. Columbia, Brooklyn, N. Y.
Craney & Spaulding, brick, Kenosha, Wis.
Cranford, Chas., contractor, 186 Remsen, Brooklyn, N. Y.
Cranford Colestone Works, Cranford, N. J.
Cranford Co., contractor, 52 9th, Brooklyn, N. Y.
Cranford Const. Co., cement piles, Gerke Bldg., Cincinnati, Ohio.
Cranford Paving Co., 2620 E. N. W., Washington, D. C.
Cranmer, H. A., & Sons, masons' & bldrs.' matls., Monroeton, Pa.
Crannell, Francis F., Lumber Co., Albany, N. Y.
Cranska Thread Co., Worcester, Mass.
Cranston, John A., Lbr. Co., 109 King, Wilmington, Del.
Cranston, T. H., & Co., wholesale hdwe., 56 E. Randolph, Chicago, Ill.
Cranston Worsted Mills, harness twine, Bristol, R. I.
Crapper, Hedley, contractors, 5839 Ellsworth, Pittsburgh, Pa.
Crary, C. S., Co., canned goods, Streator, Ill.
Crary Machine Wks., Benton Harbor, Mich.
Crauder, Hy., brick, Germantown, Ohio.
Craun Bros., fire extinguishers, fly killers, Butler, Ind.
Craven Chemical Co., Newbern, N. C.
Craven Fdry. & Mach. Co., Newbern, N. C.
Craven & Lang, contractors, Hibernia blk, New Orleans, La.
Craven Lbr. Co., Dallas, Tex.
Cravenette Glove Mfg. Co., 55 Woodbridge, Detroit, Mich.
Craw, Wm. N., Mfg. Co., toys, games & nov., S. Norwalk, Conn.
Crawford, Archie, contractor, Port Huron, Mich.
Crawford Automobile Co., Hagerstown, Md.
Crawford, Benjamin F., architect, Ellenburg, Wash.
Crawford Cedar Co., lber. ties, poles & posts, Menominee, Mich.
Crawford Co., steam fitters' supplies, 846 S. Canal, Chicago, Ill.
Crawford, D. F., Co., Ltd., contrs., 603 5th av, Pittsburgh, Pa.
Crawford, Daniel, Jr., contractor 701 N. 63d, Philadelphia, Pa.
Crawford, David A., mchsts. fndrs., Emlenton, Pa.
Crawford & Deal, hdwe. dirs., Canton, O.
Crawford, F. S., architect, 18 Adams av, Endicott, N. Y.
Crawford, J. L., contrs., Springfield, Ohio.
Crawford, L. M., Asbestos Co., asbestos pipe coverings, 1901 Clay, Denver, Colo.
Crawford, Leon W., archt., Odd Fellows Hall, Wilmington, Del.
Crawford Lumber Co., sash, door & blind, Jacksonville, Ill.
Crawford & McCrimmon Co., machsts. & fndrs., Brazil, Ind.
Crawford, McGregor & Canby Co., golf clubs, Dayton, Ohio.
Crawford Machine Tool Co., Inc., 21 Park Row, New York
See adv index at end of book
Crawford Mfg. Co., lumber, Menominee, Mich.
Crawford Mfg. Co., machsts., New Brunswick, N. J.
Crawford, P. R., & Son, htg. contrs., Williamson Bldg., Cleveland, Ohio.
Crawford Plumbing Mill Supply Co., Winston-Salem, N. C.
Crawford, Samuel, & Sons, lumber, Cedar River, Mich.
Crawford Supply Co., steam fitters' supplies, Bucyrus, Ohio.
Crawford & Tyler, unions, North Dana, Mass.
Crawford-Vaughn Boiler & Locomotive Works, Birmingham, Ala.
Crawford, W. M., & Co., contrs., 70 Western Av., Minneapolis, Minn.
Crawford, Wm., contractors, 5 E. 42d, New York.
Crawford, Wm. (Est. of), stone producers, Newburgh, N. Y.
Crawfordsville Casket Co., Crawfordsville, Ind.
Crawfordsville Corrugated Culv. Co., Crawsfordsville, Ind.
Crawfordsville Ginning & Fertilizer Co., Crawfordsville, Ga.
Crawfordsville Hardware Co., Crawfordsville, Ind.
Crawfordsville Shale Brick Co., Crawfordsville, Ind.
Crawfordsville Wire Nail Co., Crawfordsville, Ind.
Crawley, A. B., flour mills, Gladys, Va.
Crawley Book Machy. Co., Newport, Ky.
Crawn Bros., flour mills, North River, Va.
Crawshaw, J. M., machsts & fndrs., Auburn, Me.
Cray Bros., carriage & wholesale hdwe., 1111 W. 11th, Cleveland, Ohio.
Craycroft-Herrold Brick Co., Fresno, Cal.
Craycroft Oil Co., 42 B'way, New York.
Craycroft & Son, machsts. & fndrs., Vandalia, Ill.
Crayen, G. A. & Co., magnalium, 81 New, New York.
Creager, H. A., architect, 1834 Jefferson av, Grand Rapids, Mich.
Creaghead Engng. Co., arc lamp insulators, & electric railway supplies, 340 Main, Cincinnati, Ohio.
Cream City Bedding Co., 3200 Fond du Lac av, Milwaukee, Wis.
Cream City Boiler Co., 37th av & Lapham, Milwaukee, Wis.
Cream City Can Wks., 241 Oregon, Milwaukee, Wis.
Cream City Casket Co., 490 32d, Milwaukee, Wis.
Cream City Fndry. Co., 15th & Oklahoma av, Milwaukee, Wis.
Cream City Net Co., hammock mfrs., 1076 Grove, Milwaukee, Wis.
Cream City Sand Co., 601 Edison, Milwaukee, Wis.
Cream City Sash & Door Co., 601 Park, Milwaukee, Wis.
Cream of Wheat Co., 5th & 1st av N., Minneapolis, Minn.
Creamer, F. D., & Co., masons' & bldrs.' matls., 26 Court, Brooklyn, N. Y.
Creamer, W. G., & Co., hdwe., castings, 96 John, New York.
Creamery Package Mfg. Co., dairy equipment & supps., 61 W. Kinzie, Chicago, Ill.
Creamo Specialty Co., soap, Fairport, N. Y.
Creasy Rotary Filer Co., The, gin saw, Bollinger, Tex.
Creditors' Mercantile Guide, trade publication, 37 Liberty, New York.
Cree, D. W., camp stoves, Greggsville, Ill.
Cree, J. A., machinist, Utica, Ohio.
Creech & Walker Constr. Co., Aberdeen, Wash.
Creed, W. R., & Co., lbr., 110 W. 34th, New York.
Creedon, Michael, contractor, Dobbs Ferry, New York.
Creepcheck Co., anti-rail creepers, 81 Fulton, New York.
Creeth & Kennedy, architects, 304 S. B'way, Los Angeles, Cal.
Crefeld Waste & Batting Co., Saylesville, R. I.
Creger, Edwin F., architect, 107 W. High, Springfield, Ohio.
Crehore, Chas. F., & Son, paper & pulp mills, 87 Milk, Boston, Mass.
Creighton, Jas. A., & Co., lime, Thomaston, Me.
Creighton & McDonald, architects, Phoenix, Ariz.
Creighton, Thos., J., brass & composition finders, Fall River, Mass.
Creitz, W. A., Co., flour mills, Cambridge City, Ind.
Crelin Machine Co., Los Angeles, Cal.
Cremering Bros., corn brooms, 216 W. Pearl, Cincinnati, Ohio.
Cremo Milk Co., Valley Ford, Cal.
Cremoline Disinfecting Co., 17 S. Main, St. Louis, Mo.
Crenshaw-Gary Lbr. Co., Memphis, Tenn.
Creosoted Wood Block Paving Co., wood block paving contrs., Q. & C. Bldg., New Orleans, La.
Creque & Thurston, cornices, Jackson, Mich.
Crerar, Adams & Co., mill & facty. supplies, 259 E. Erie, Chicago, Ill.
Crescent Advtg. Co., mirrors, Parsons, Kan.
Crescent Advtg. Nov. Co., New Orleans, La.
Crescent Art Metal Co., electric & gas light fixtures, Bridgeton, N. J.
Crescent Bed Co. (Ltd.), machsts. & fndrs., New Orleans, La.
Crescent Belt Fastener Co., belt fastener mfrs., 381 4th av, New York.
Crescent Bottle Co., McDonald, Pa.
Crescent Brass Mfg. Co., machsts. & fndrs. & shade holders, Cleveland, Ohio.
Crescent Brass Mfg. Co., Reading, Pa.
Crescent Brass & Pin Co., 1150 Trumbull, Detroit, Mich.
Crescent Brick Co., Red Bank, N. J.
Crescent Brush Wks., Troy, N. Y.
Crescent Burner Mfg. Co., 116 E. 27th, New York.
Crescent Chemical Co., Philadelphia, Pa.
Crescent City Carbonate Co., Celeste & Religious, New Orleans, La.
Crescent City Machine & Mfg. Works, 628 Tchoupitoulas, New Orleans, La.
Crescent City Mfg. Co. (Ltd.), sash, door & blind, 628 Tchoupcializein Div., New Orleans, La.
Crescent Color & Chemical Wks., 59th & 11th av, New York.
Crescent Co., bathing suits, sweaters, etc., 53 E. 21st, New York.
Crescent Co., Inc., saw, screw drivers, etc., Meriden, Conn.
Crescent Concrete Co., Erie Co. Bk. Bldg., Buffalo, N. Y.
Crescent Concrete Construction Co., Evansville, Ind.
Crescent Cotton Oil Co., Memphis, Tenn.
Crescent Electric & Mfg. Co., knife switches, 3515 Penn av, Pittsburgh, Pa.
Crescent Emery-Corundum Wheel Co., Indianapolis, Ind.
Crescent Engineering Co., Inc., screw mach. products, Phila., Pa.
Crescent Feather Co., 19th & Harrison, San Francisco, Cal.
Crescent Felt Mattress Co., 77 N. Jefferson Davis Parkway, New Orleans, La.
Crescent Fire Arms Co., Norwich, Conn.
Crescent Flexible Armour Co., rubber hose, Trenton, N. J.
Crescent Flour Mills, Denver, Colo.
Crescent Forge & Shovel Co., Havana, Ill.
Crescent Fndry. Co., Rochester, N. Y.
Crescent Glass Co., lantern globes & tumblers, Wellsburg, W. Va.
Crescent Insulated Wire & Cable Co., Trenton, N. J.
Crescent Iron Works, Coalinga, Cal.
Crescent Leather Goods Co., 16 W. 19th, New York.
Crescent Linseed Oil Wks., lubrg. oils, 927 Blackhawk, Chicago, Ill.
Crescent Lumber Co. (Ltd.), New Orleans, La.
Crescent Machine Co., wood working, Leetonia, Ohio.
Crescent Mach. Wks., South Bend, Ind.
Crescent Mfg. Co., bank fix, coffee mills, lawn swings, etc., Louisville, Ky.

Crescent Mfg. Co., carving & kitchen knives, etc., Fremont, O.
Crescent Mfg. Co., heel plates, Richmond, Va.
Crescent Mfg. Co., lubrs., machsts. & fndrs., etc., Scottdale, Pa.
Crescent Mfg. Co., plastering trowels, 129 Reade, New York.
Crescent Mill & Elevator Co., Denver, Colo.
Crescent Milling Co., Cynthiana, Ky.
Crescent Milling Co., flour, Fairfax, Minn.
Crescent Novelty Mfg. Co., 703 S. B'way, St. Louis, Mo.
Crescent Oil Co., lubrg. oils, 602 W. Pratt, Baltimore, Md.
Crescent Oil Co., lubrg., Indianapolis, Ind.
Crescent Oil Co., 30 Church, New York.
Crescent Oil & Supply Co., 303 Main, St. Louis, Mo.
Crescent Paper Co., Marseilles, Ill.
Crescent Paper & Machine Co., Phoenix, New York.
Crescent Pk. Brass Fndry., Waltham, Mass.
Crescent Pavement Co., Erie Co. Bk. Bldg., Buffalo, N. Y.
Crescent Phosphorized Metal Co., 2314 Wood, Philadelphia, Pa.
Crescent Planing Mill Co., 3227 N. 9th, St. Louis, Mo.
Crescent Portland Cement Co., Wampum, Pa.
Crescent Roller Mills Co., flour, Taylorsville, Ky.
Crescent Soap Co., 519 W. McCarthy, Indianapolis, Ind.
Crescent Stone Co., Bloomington, Ind.
Crescent Stove & Mfg. Co., Lehighton, Pa.
Crescent Stove Wks., Evansville, Ind.
Crescent-Talking Mach. Co., 109 Reade, New York.
Crescent Tool Co., machsts. & fndrs., 1761 Reading, Cincinnati, Ohio.
Crescent Tool Co., pliers, wrenches, etc., Jamestown, N. Y.
Crescent Tool Mfg. Co., 1002 Cass av, St. Louis, Mo.
Crescent Trunk Co., Ltd., 311 Girard, New Orleans, La.
Crescent Window Glass Co., Weston, W. Va.
Cresol Chemical Co., camphor, 8 Van Buren, Brooklyn, N. Y.
Creson, Robt. F., contractor, Builders' Exch., Memphis, Tenn.
Cresskill Lumber Co., Cresskill, N. J.
Cressman & Mauser, masons' & bldrs.' matls., Bath, Pa.
Cressman, N. C., Co., mill & facty. & steam fitters' supplies, Drexel Bldg., Philadelphia, Pa.
Cresson, W. P., archit. Dept. of State, Washington, D. C.
Cresson-Morris Co., machsts. & fndrs., 18th & Allegheny, Philadelphia, Pa.
Cressona Powder Co., Pottsville, Pa.
Cressy Contracting Co., 278 Albany, Boston & Gloucester, Mass.
Crest Chemical Co., disinfectants, shingle stains, varnish, etc., Seattle, Wash.
Crestline Mfg. Co., pumps, Crestline, Ohio.
Creston Milling Co., flour, Creston, Wash.
Creston Roller Mills, Creston, N. C.
Creswell Fruit & Vegetable Growers' Assn., canned goods, Creswell, Ore.
Creswell, Samuel J., Iron Wroks, iron fndrs. & structural iron work, 23d & Cherry, Philadelphia, Pa.
Creswell, T. B., contractor, Saginaw, Mich.
Creta Creme Co., soap powders, 520 W. 27th, New York.
Crete Mills, flour, Crete, Nebr.
Cretors, C., & Co., coffee roasters, 620 W. 22d, Chicago, Ill.
Cretors, J. B., aprons (buggy), St. Paris, Ohio.
Creutzer, J. A., architect, Leary Bldg., Seattle, Wash.
Creveing, Whitfield, contractor, Newburgh, N. Y.
Crew, Levick, Co., oil mfrs., Land Title Bldg., Philadelphia, Pa.
Crewe Roller Mills, flour, Crewe, Va.
Crex Carpet Co., 1134 B'way, New York.
Cribben & Sexton Co., fndrs., 680 N. Sacramento blvd, Chicago, Ill.
Crichton, Alex. F., jute twine & yarn, 16th & Railroad av, Wilmington, Del.
Crichton-Curl Enamel Co., enam. iron signs, Ellwood City, Pa.
Crickenberger, W. P., flour mills, New Market, Va.
Crider, E. I. & Son, camp stoves, Silex, Me.
Crider, P. B., & Son, lumber, Bellefonte, Pa.
Cridland, Robt. B., landscape architect, Bailey Bldg., Phila., Pa.
Crie, H. H. & Co., wholesale hardware & mill & factory supplies, Rockland, Me.
Crim, C. M., & Son, lumber, Salem, Ind.
Crim, W. H., Jr., architect, 425 Kearney, San Francisco, Cal.
Crimmins, Thos., Contr. Co., 444 E. 69th, New York.
Cripe & Seamen, contrs., Goshen, Ind.
Cripple Creek Mine & Supply Co., Cripple Creek, Colo.
Crisp, Herbert G., architect, 2709 St. Paul, Baltimore, Md.
Crisp, Jas., & Co., belting mfrs., Bloomfield, N. J.
Crisp, John, & Sons, contractors, Akron, Ohio.
Crissey & Fowler Lumber Co., Colorado Springs, Colo.
Crist, G. D., contr., Columbia, Mo.
Cristan Constr. Co., Durham, N. C.
Cristy, Edward Buxton, architect, Albuquerque, N. M.
Criterion Slate Co., columns, mantels—marbleized slate—Hydeville, Vt.
Crites, F. H., contrs., 2136 Belleview av, Kansas City, Mo.
Crittenden, B. D., masons & bldrs. matls., Burton, O.
Crittenden Guano Co., Shellman, Ga.
Crittenden Lbr. Co., Providence, R. I.
Crivel, Geo. F. & Co., fndry facings & supplies, Ellicott Sq., Buffalo, N. Y.
Crivitz Pulp & Paper Co., Crivitz, Wis.
Croake, James J., contractor, 2927 Fullerton av, Chicago, Ill.
Crobaugh & Dahm Hardware Co., masons' matls. & plumbers' supplies, Tiffin, Ohio.
Croce Auto Co., Asbury Park, N. J.
Crocker Bros., pig iron and coke dlrs., etc., 21 E. 40th, New York
Crocker, Burbank & Co., paper mills, Fitchburg, Mass.
Crocker Chair Co., Sheboygan, Wis.
Crocker, Frank, architect, German Am. Bk. Bldg., St. Joseph, Mo., & Grand Island, Neb.
Crocker, H. S., & Co., architects' instruments, 565 Market, San Francisco, Cal.
Crocker, Harry, contractor, Saratoga Springs, N. Y.
Crocker, L. O., Jr., conductors' ticket punches, East Braintree, Mass.
Crocker-McElwain Co., paper & pulp mills, Holyoke, Mass.
Crocker Nat'l Fire Prevention Engineering Co., fire protection suppl's, 1270 B'way, New York
Crocker & Ogden Co., who. hdwe., Binghamton, N. Y.
Crocker-Wheeler Co., elec. disc fans, etc., Ampere, N. J.
Crockett, D. B., Co., paint mfrs., Bridgeport, Conn.
Crockett, F. A., brick, East Dover, Me.
Crockett Lumber & Pile Co., Norfolk, Va.
Crockett, W. & W. F., contractors, 306 E. 59th, New York.
Crockett, Wm. P., Co., pipe cutters, 411 S. Jefferson, Chicago, Ill.
Crockwell Mine & Mill Supply Co., New Bk. Com. Bldg., St. Louis, Mo.
Crofoot Gear Works, medium & small gears in large quantities, mfrs. of, Cambridge, Mass.
Croft & Boerner, architects, Fidelity Bldg., Duluth, Minn.
Croft, Stephen P., contractor, 587 49th, Milwaukee, Wis.
Croft, T. E., ties, poles, etc., Trilby, Fla.
Crofts & Reed Co., soap, 418 N. Claremont Av., Chicago, Ill.
Croley, Geo. H., Co., incubators, 8th & Townsend, San Fran., Cal.
Croll, Geo., contr., Brattleboro, Vt.
Croll, Geo. L., contractor, Rosemont, Pa.
Cromble, W. M., & Co., lbr., 101 Park Av., New York.
Crompton & Knowles Loom Works, makers of looms for every known weave of fabric, Worcester, Mass.
Cromwell, J. J., architect, Walsh av, Brooklyn, N. Y.
Cromwell, R. A., Mfg. Co., soap, metal polish, etc., 303 E. 29th, New York.
Cromwell Steel Co., mfrs., Lorain, O.
Cromwell, W. F., machsts. & fndrs., Bedford, Pa.
Cron, L. C. & W. L., Co., knocked down furniture, Piqua, Ohio.
Cron, Wm., Sons Co., carriages, Celina, Ohio.
Cronan's Cornice Works, 718 Natoma, San Francisco, Cal.
Crone, A. W., & Sons, contractors, 498 Central av, Jersey City, N. J.
Crone, Daniel A., architect, Oliver Bldg., Pittsburgh, Pa.
Crone, F. G., burners, 334 Genesee, Buffalo, N. Y.
Crone, J. W., architect, Winchester, Ky.
Cronenberg, L., & Sons, sash, door & blind mfrs., Mount Vernon, N. Y.
Cronin, Barth S., Co., contractors & dock bldrs., 573 Clinton, Brooklyn, N. Y.
Cronin, Daniel G., cornices & skylights, Morris, Ill.
Cronin, Jno. P., mill & facty. supplies, Paterson, N. J.
Cronin, M. F., horse collars, 369 Pearl, New York.
Cronin, P. J., Co., harness, saddles, etc., Portland, Ore.
Cronin, Thos. Co., contractors, S. 17th, cor. Muriel, Pittsburgh, Pa.
Croninger Packing Co., meat packers, Shamokin, Pa.
Cronise Bros., canned goods, Nace, Va.
Cronk & Carrier Mfg. Co., hardware specialties, 150 Lake, Elmira, N. Y. *See adv index at end of book*
Cronk, Charles E., architect, Herkimer, N. Y.
Cronk, F. S., Co., machsts. & fndrs., Waxahachie, Tex.
Cronk, Horace L., musical instru. strings, Battle Creek, Mich.
Cronk Mfg. Co., sash, door & blind mfrs., New Brunswick, N. J.
Cronkrite, L. R., corn brooms, Williamsport, Pa.
Crook, A. M., & Son, mill & facty. supplies, Trenton, N. J.
Crook-Horner Supply Co., mill & facty. & plumbers' supplies, 11 Bladerson, Baltimore, Md.
Crook, J. A., contractor, Los Angeles, Cal.
Crook, Kries Co., machsts. & fndrs., 28 Light, Baltimore, Md.
Crook Son & Co., handles, Hicksville, Ohio.
Crooke Htg. & Vent. Co., 97 Warren, New York.
Crooke, Jno. J., Co., tin foil, 68 William, New York.
Crooker, B. I., Co., Builders Exchange, Buffalo, N. Y.
Crooks, F. McC., architect, Century Bldg., Pittsburgh, Pa.
Crooks & McLean Co., marble producers, Carthage, N. Y.
Crooks Pattern Works, 955 Cleveland av, Columbus, Ohio.
Crooks, R. E., architect, Lancaster, Ohio.
Crooks, W. D., & Sons, hard wood doors, Williamsport, Pa.
Crookston Brick & Tile Co., Crookston, Minn.
Crookston Lumber Co., First National Soo Line Bldg., Minneapolis, Minn.
Crookston Mfg. Co., agricultural implements, Crookston, Minn.
Crookston Milling Co., flour, Crookston, Minn.
Crookston Tool Co., Crookston, Minn.
Crookston, W. H., & Bro., pipe joint cement, 2449 3d av, New York.
Crooksville China Co., Crooksville, Ohio.
Crooksville Pottery Co., Crooksville, Ohio.
Cropp, A. J., & Co., concrete mixers, 1721 W. Grand Av., Chicago, Ill.
Cropsey & Mitchell, sash, door & blind mfrs., Bay 35th, Brooklyn, N. Y.
Crosbie, R. L., cornices & skylights, Ogden, Utah.

Crosby Bros. Co., lumber, Arrowsic, Me.
Crosby, C. P., lumber, Rhinelander, Wis.
Crosby Co., rubber buckets, Cuba, N. Y.
Crosby Co., sheet metal stamping, bicycle parts & sundries, etc., 183 Pratt, Buffalo, N. Y.
Crosby & Co., stove pipe enamels, Detroit, Mich.
Crosby, D., & Son, cat boats, Osterville, Mass.
Crosby, G., Fred, architect, 110 Tremont, Boston, Mass.
Crosby, G. R., & Sons, contractors, Beverly, Mass.
Crosby, H. B., architect, 1st Nat'l Bk. Bldg., Paterson, N. J.
Crosby, H. W., Contr. Co., 4048 Evans av, St. Louis, Mo.
Crosby, L., & Son Const. Co., contrs., Massachusetts Bldg., Kansas City, Mo.
Crosby Mfg. Co., carriages (children's), Frenchtown, N. J.
Crosby Navigation Co., shipbldrs., Richmond, Me.
Crosby Steam Gage & Valve Co., steam specialties mfrs., 40 Central, Boston, Mass.
Crosby, W. S., architect, 179 W. Washington, Chicago, Ill.
Crosby, Walter W., efficiency engrs., Munsey Bldg., Baltimore, Md.
Crosby, Wilton, cat boats, Osterville, Mass.
Crose, Jas., contrs., Racine, Wis.
Crosfield, Wm., wood handles, Berkeley Springs, W. Va.
Crosier, Geo. P., architect, White Plains av & 223d, New York.
Crosier, Perry E., architect, Plymouth Bldg., Minneapolis, Minn.
Crosman, G. A., & Sons Co., box shooks, Portland, Me.
Cross, A. P., contractor, Mer. Trust Bldg., Los Angeles, Cal.
Cross, A. T., Pencil Co., fountain pen mfrs., 53 Warren, Providence, R. I.
Cross Anchor Oil Mill, meal, Cross Anchor, S. C.
Cross Bros., cornices, 2330 Woodward, Detroit, Mich.
Cross Bros. Co., cutters' granite bldg. wk., Northfield, Vt.
Cross Bros. & Co., mill & facty. supplies, Rochester, N. Y.
Cross, C. C., & Son, architects, Santa Monica, Cal.
Cross, Clarence L., lbr., Monadnock Bldg., Chicago, Ill.
Cross & Cross, architects, 681 5th av, New York.
Cross, E. C., & Son, meat, Salem, Ore.
Cross, E. J., Co., contractors, 82 Foster, Worcester, Mass.
Cross, E., & Son, Co., contractors, dock bldrs., Portsmouth, Va.
Cross Engng. Co., steel struct. wk., Carbondale, Pa.
Cross, Ezra M., Machine Co., Berlin, N. H.
Cross Gear & Engine Co., Detroit, Mich.
Cross, Harold, architect, 123 S. Dillon, Los Angeles, Cal.
Cross, John W., archit., 10 E. 47th, New York.
Cross, M. C., architect, Tulsa, Okla.
Cross Metal Products Corp., snap fastners, 2427 3rd Av., New York.
Cross Paper Feeder Co., machy., 185 Summer, Boston, Mass.
Cross & Parham, machsts. & fndrs., Sidell, Ill.
Cross Press & Sign Co., machsts., 1508 Dayton, Chicago, Ill.
Cross, W. D., machst. & fdr., Geneva, Ind.
Cross, W. W., & Co., insulated staples, tacks, etc., Brockton, Mass.
Crossan Constr. Co., Land Title Bldg., Philadelphia, Pa.
Crossan, Miner & Frees, lumber, Coffey, Mo.
Crosscup, I. O., boiler compounds, 24 California, San Fran., Cal.
Crossett Lumber Co., Crossett, Ark.
Crossington Knitting Mills, sweaters, etc., 243 Ashmead, Gtn. Philadelphia, Pa.
Crossley, G. R., lbr., 11 William, New York.
Crossley Machine Co., State & Chestnut Av., Trenton, N. J. *See adv index at end of book.*
Crossman Co., clays, South Amboy, N. J.
Crossman Tack Co., Dighton, Mass.
Crossroads Canning Co., Berkeley Springs, W. Va.
Crosta Bros., cornices & skylights, Denver, Colo.
Crosta, Edward A., contractor, Atlantic City, N. J.
Crosta, John H., contrs., Lackawanna, N. Y.
Croswell, John, contractor, Wellesley Hills, Mass.
Crotch Island Granite Co., 26 Cortland, New York.
Crothersville Canning Co., Seymour, Ind.
Croton Chemical Co., 14 Cedar, New York.
Croton Mfg. Co., brass tubing, Croton of Hudson, N. Y.
Crotty, J. J., & Co., machsts., Parkersburg, W. Va.
Crouch Bros. Co., flour mills, Erie, Pa.
Crouch, E. M., contractor, Oil City, Pa.
Crouch, W. J., Co., iron & steel, 68 William, New York.
Crouch Lumber & Construction Co., Trinadad, Colo.
Crough & Fitzgerald, trunks, etc., 177 B'way, New York.
Crough, Geo. F., & A. W., naval architects, 2411 Sedgwich av, New York.
Crouse Clay Products Co., Akron, Ohio.
Crouse-Hinds Co., electrical goods, Syracuse, N. Y.
Crouse, Ira R., contractor, Perth Amboy, N. J.
Crouse, J. L., contrs., Greensboro, N. C.
Crouse Metal Mfg. Co., box fasteners, Williamsport, Pa.
Crout, J. M., fndrs., Saluda, S. C.
Crow-Elkhart Motor Co., Elkhart, Ind.
Crow Fertilizer Co., Monroe, N. C.
Crow, Lewis & Wickenhoefer architects, 200 5th av, New York.
Crow Motor Car Co., Elkhart, Ind.
Crow Stove Polish Co., 2520 Galena, Milwaukee, Wis.
Crow, Wm. L., Constr. Co., 103 Park av, New York.
Crow-Wynn Heating Co., 4070 East 82d, S. E., Cleveland, Ohio.
Crowder, B. L., canned goods, Fincastle, Va.
Crowder Bros., machsts., 2018 Locust, St. Louis, Mo.

CROWE, F. T., & CO., contractors' tools & supplies, Seattle, Wash.
Crowe, F. T., & Co., masons' & bldrs.' matls., Tacoma, Wash.
Crowe, J. H., architect, Getysburg, Pa.
Crowe, J. N., ladders, Salem, Mass.
Crowe, John Co., contractors, Fall River, Mass.
Crowe-Keane Button Co., Botsford, Conn.
Crowe, M. A., architect, Leader Bldg., Cleveland, Ohio.
Crowe, Michael J., masons' & bldrs.' matls., Lockport, N. Y.
Crowe Name Plate & Engraving Co., 1749 Grace, Chicago, Ill.
Crowe, R. B., architect, Columbus, Ind.
Crowe, Thos. W., contractor, New Britain, Conn.
Crowell, C. Parker, architect, Bangor, Me.
Crowell Chemical Co., metal polish, Beverly, Mass.
Crowell, D. J., machsts., 61 Terrace, Buffalo, N. Y.
Crowell, E. H., contractor, Crown Point, Ind.
Crowell, Fred C., sash, door & blind, Norwich, Conn.
Crowell, Jas., lbr., Ft. Cross, Newark, N. J.
Crowell, Jas. B., & Son, brick molds, Wallkill, N. Y.
Crowell-Lundoff-Little Co., contractors, 1951 E. 57th, Cleveland, Ohio.
Crowell Mfg. Co., blowers, pumps, air compressors, etc., 296-298 Taaffe pl, Brooklyn, N. Y. *See adv index at end of book.*
Crowell & Murray, chemical laboratories, 407 Perry-Payne Bldg., Cleveland, Ohio.
Crowell & Seward, contrs., Pasadena, Cal.
Crowell & Spencer Lumber Co., Ltd., Long Leaf, La.
Crowell & Van Meter, architects, Caldwell-Murdock Bldg., Wichita, Kan.
Crowell, Weymouth, contractor, 121 E. 6th, Los Angeles, Cal.
Crowell, William, Co., oxyacetylene welding, Van Horne & Central R. R., Jersey City, N. J.
Crowell & Young, tanks, Tulsa, Okla.
Crowen, Samuel N., architect, 30 N. La Salle, Chicago, Ill.
Crowley Boiler Wks., Jackson, Mich.
Crowley, Chas. O., contractor, Troy, N. Y.
Crowley Iron & Machy. Co., Crowley, La.
Crowley, Jno. A., Co., high speed steel, 120 Liberty, New York.
Crown Brass Fdy. Co., Los Angeles, Cal.
Crown Cap Mfg. Co., 201 37th, Brooklyn, N. Y.
Crown Chair Co., Evansville, Ind.
Crown Chemical Co., metal polish, Indianapolis, Ind.
Crown Commercial Car Co., machinists, North Milwaukee, Wis.
Crown Cork & Seal Co., crown cork mfrs., Baltimore, Md.
Crown Cotton Mills, Dalton, Ga.
Crown Cut Glass Co., Hancock, N. Y.
Crown Die & Tool Co., 553 W. Monroe, Chicago, Ill.
Crown Electrical Mfg. Co., St. Charles, Ill.
Crown Foundry Co., Belleville, Ill.
Crown Fuel Saver Co., fuel economizers, 325 W. Lake, Chicago, Ill.
Crown Hardware Co., Pasadena, Cal.
Crown Hardware Mfg. Co., dies & metal stampings, 1121 E. 2nd, Dayton, Ohio.
Crown Iron Works, bridge railings, 1229 Tyler, Minneapolis, Minn.
Crown, J. F., & Son, carriages, Washington, D. C.
Crown Jewel Milling Co., flour, Cynthiana, Ky.
Crown L'br. & Silo Co., Omaha, Neb.
Crown Mfg. Co., agricultural implements, Phelps, N. Y.
Crown Mfg. Co., boiler compounds, 5716 Euclid av, Cleveland, Ohio.
Crown Mill Co., flour, Socorro, N. M.
Crown Oil Co., 804 Lakeside av, N. W., Cleveland, Ohio.
Crown Oil & Wax Co., lubrg., cor. Pratt & 8th, Baltimore, Md.
Crown Optical Co., Rochester, N. Y.
Crown Pipe & Foundry Co., Jackson, Ohio.
Crown Pipe Mfg. Co., Omaha, Neb.
Crown Pitter Co., strawberry hullers, Cleveland, Ohio.
Crown Potteries Co., crockery, Evansville, Ind.
Crown Rheostat & Supply Co., abrasives, 17 S. Desplaines, Chicago, Ill.
Crown Ribbon & Carbin Mfg. Co., typewriter ribbons, Rochester, N. Y.
Crown Roller Mills, flour, Morganfield, Ky.
Crown Sash, Door & Mill Co., 2416 McPherson, Los Angeles, Cal.
Crown Silk Mfg. Co., Bangor, Me.
Crown Slate Co., Pen Argyl, Pa.
Crown Smelting Co., brass fndrs., Chester, Pa.
Crown Stove Works, machsts. & fndrs., Cicero, Ill.
Crown Surgical Instrument Co., 798 8th av, New York.
Crown Throat & Opener Co., 711 Fulton, Chicago, Ill.
Crown Varnish & Enamel Co., 2322 N. Seeley av, Chicago, Ill.
Crown Ventilator Co., Milwaukee, Wis.
Crown Wall Plaster Co., Braddock, Pa.
Crown Welding Wks., 364 Willoughby av, Brooklyn, N. Y.
CROWN WILLAMETTE PAPER CO., bags, San Francisco, Cal.
Crowninshield, B. B., naval architect, 75 State, Boston, Mass.
Crowther Hardware Co., wholesale, San Angelo, Tex.
Crowther, Harry, mach. wipers, Rorer & Ontario, Phila., Pa.
Crowther Motor Co., 27th & Diamond, Rochester, N. Y.
Crowther & Rogers Mfg. Co., castings, St. Joseph, Mo.
Crowther, T., & Co., gear cleaning machines, 170 Oliver, Boston, Mass.
Croze, Jos., dry docks, Houghton, Mich.

Crozer Coal & Coke Co., Upland, Pa.
Crozier, R. J., Co., mfrs. agents & mill & facty. supplies, North American Bldg., Philadelphia, Pa.
Crucet Mfg. Co., portables, 256 W. 28th, New York.
Crucible Steel Casting Co., Lansdowne, Pa., & Cleveland, Ohio.
Crucible Steel Casting Co., 612 Clinton, Milwaukee, Wis.
Crucible Steel Co. of America, rolling mills, Oliver bldg., Pittsburgh, Pa.
Crucible Steel Forge Co., Grant av, Cleveland, Ohio
Cruickshank, A. G., masons' & bldrs.' matls., Port Huron, Mich.
Cruickshank, Clinton M., cont., 103 Park av, New York.
Cruickshank Engine Co., 286 Dyer, Providence, R. I.
Cruickshank Iron Wks. Co., steel structural wk., Richmond, Va.
Cruikshank Bros. Co., canned goods, Pittsburgh, Pa.
Cruise, Edwin, contractor, New London, Conn.
Cruise & Smiley Constr. Co., Pawtucket, R. I.
Cruise, Thos., contractor, Hudson, N. Y.
Crumb Quarry Co., granite, Westerly, R. I.
Crumb, W. B., cattle stanchions, Forestville, Conn.
Crume Brick Co., Dayton, Ohio.
Crumley, Jones & Crumley Co., contractors, 536 Findlay, Cincinnati, Ohio.
Crumley-Sharp Hardware Co., Atlanta, Ga.
Crump, Benj. T., Co., harness mfrs., Richmond, Va.
Crump Bros., masons' & bldrs.' matls., Memphis, Tenn.
Crump, F. T., brick, Columbus, Ind.
Crumpton, K. R., architect, Superior, Wis.
Crunden, Martin, Mfg. Co., enameled, galvanized & japanned ware mfrs., 2d & Gratiot, St. Louis, Mo.
Crupper, Jos. L., sash, door & blind, 13th & Ohio av, N. W., Washington, D. C.
Cruse-Crawford Mfg. Co., Birmingham, Ala.
Cruse-Kemper Co., steel struc. wk., condensers, tanks, etc., Ambler, Pa.
Crush Brick & Tile Co., Sulphur Springs, Tex.
Crutchfield Hardware Co., wholesale, Thomasville, N. C.
Crutchfield, I. P., architect, 102 Congress, E., Savannah, Ga.
Cruver Mfg. Co., glass paper weights, Chicago, Ill.
Cryer Return Lime System Co., 18 E. 41st, New York.
Cryer, T. B., heating contractors, 249 High, Newark, N. J.
Cryptofel Chain Co., electric light fixtures mfrs., 140 Boylston, Boston, Mass.
Crystal Brook Granite Co., Hardwick, Vt.
Crystal Carbonite Lime Co., Louisiana, Mo.
Crystal Coal & Coke Co., Crystal, W. Va.
Crystal Gelatine Co., 121 Beverly, Boston, Mass.
Crystal Mach. Co., clothes washing machines, 18 Piquette, Detroit, Mich.
Crystal Mfg. Co., ink erasers, Syracuse, N. Y.
Crystal Oil Works, Oil City, Pa.
Crystal Palace Flouring Mills Co., Weatherford, Tex.
Crystal Paper Co., Middletown, Ohio.
Crystal Percolator Co., 44 E. 23d, New York.
Crystal Refrigerator Co., Fremont, Neb.
Crystal Sand Co., Bridgeton, N. J.
Crystal Soap Co., 60 5th, Milwaukee, Wis.
Crystal Spring Canning Co., Dixon, Mo.
Crystal Springs Oil Mill, Fertilizer & Mfg. Co., Crystal Springs, Miss.
Crystal Springs Paste Co., 70 Kilby, Boston, Mass.
Crystal Springs Sand Co., Canal Fulton, Ohio.
Crystal Tumbler Co., Morgantown, W. Va.
Crystal Washing Machine Co., 18 Piquette, Detroit, Mich.
Crystalline Soap Co., Army & Hampshire, San Francisco, Cal.
Cuatt, Wm., contractor, Ossining, N. Y.
Cuban-Am. Sugar Co., 129 Front, New York.
Cuban Eng. & Contr. Co., 17 W. 42d, New York.
Cuban Portland Cement Co., 347 Madison av, New York.
Cubberly, Leon, architect, Long Branch, N. J.
Cudahy Bros. Co., meat packers, Cudahy, Wis.
Cudahy Packing Co., meat packers, canned goods, compounds, etc., 111 West Monroe, Chicago, Ill.
Cudell, F. E., back water traps, Cleveland, Ohio.
Cudworth, Frank G., architect, Reliance Bldg., Kansas City, Mo.
Cudworth & Thompson, architects, Norwich, Conn.
Cuero Cotton Oil & Mfg. Co., meal, Cuero, Tex.
Cuff, C. C., architect, Ochsner Bldg., Sacramento, Cal.
Cuff, J. W., & Co., htg. contrs., 2027 N. 23d, Philadelphia, Pa.
Culberts, Wm., Sons, tubular boilers, Nashville, Tenn.
Culbertson Bros., carriages, Mechanicsburg, Ohio.
Culbertson, H. E., Co., contractors, Citizens Bldg., Cleveland, O.
Culbertson Hardware Co., Auburn, Ind.
Culbertson & Kelly, contractors, Ford Bldg., Detroit, Mich.
Culicour, M., brushes, brooms, etc., 41 Fulton, New York.
Cull, Wm., & Sons, carriages, Marion, Ohio.
Cullen & Atkinson Co., core & enameling ovens, Hartford, Conn.
Cullen, C. W, Machinery Co., dealers, Cleveland, Ohio.
Cullen, Chas. H., architect, 101 Park av, New York.
Cullen-Friestedt Co., contractors, 7 S. Dearborn, Chicago, Ill.
Cullen, Geo. P., contractor, 155 N. Clark, Chicago, Ill.
Cullen, J. P., Constr. Co., Janesville, Wis.
Cullen, John, contractor, East Hampton, Mass.
Cullen & Vaughn Co., archl. wood turning, contractors, interior wood finishing & masons' & bldrs.' matls., 450 Dayton, Hamilton, Ohio.
Culler Furniture Co., revolving chairs, Williamsport, Pa.
Cullinan, Thos. F., Co., reinf. concrete steel const., Providence, R. I.
Cullinane, Richard, architect, 288 Essex, Lawrence, Mass.
Cullman Fertilizer Co., Cullman, Ala.
Cullman Wheel Co., roller sprockets, etc., 1346 Altgeld, Chicago, Ill.
Culloden Ginning & Fertilizer Co., Culloden, Ga.
Cullum & Boren Explosive Co., tools (gun cleaning & reloading), Dallas, Tex.
Cullum, J., & Co., tubular boilers, Kingston, N. Y.
Cullum, W. J., Co., contractors, Portsmouth, Ohio.
Culmers Co., glass, Salt Lake City, Utah.
Culp, W. S. & A. M., contractors, Chestertown, Md.
Culpeper Brick Co., Culpeper, Va.
Culpepper & Co., ties, poles & posts, 22 E. Lexington, Balti., Md.
Culter Desk Co., Buffalo, N. Y.
Cutler Dry Kiln Co., 20 Churchill, Buffalo, N. Y.
Culter & Proctor Stove Co., Peoria, Ill.
Culver, A., Co., masons' & bldrs. matls., Rockland, Mass.
Culver, Irwin C., Co., window display fixtures, 60 E. 8th, New York.
Culver, M. A., & Son, lumber, Cedar, Mich.
Culver Mfg. Co., automobiles, Culver City, Cal.
Culver-Stearns Mfg. Co., lamp adapters & guards, storage batteries, etc., Detroit, Mich., & Worcester, Mass.
Culver, W. W., architect, Butts Bldg., Wichita, Kan.
Cumberland Cereal Co., Cumberland, Md.
Cumberland Clay Co., Mount Holly Springs, Pa.
Cumberland Electric Mfg. Co., transformers & voltage regulators, Memphis, Tenn.
Cumberland Fertilizer Co., Cartersville, Ga.
Cumberland Foundry & Mfg. Co., Nashville, Tenn.
Cumberland Fruit Package Co., berry boxes, Cumberland, Wis.
Cumberland Glass Mfg. Co., Bridgeton, N. J.
Cumberland Hydraulic Cement & Mfg. Co., Cumberland, Md.
Cumberland Marble Mill Co., Knoxville, Tenn.
Cumberland Milling Co., flour, Cumberland, Md.
Cumberland Portland Cement Co., Cumberland, Md.
Cumberland Sash & Door Co., Cumberland, Md.
Cumberland Shipbuilding Co., wooden ship builders, 415 Congress, Portland, Me.
Cumberland Steel Co., Cumberland, Md.
Cumberland Valley Spoke & Bending Co., rims & spokes, Hagerstown, Md.
Cumbler, Geo. W. (Est. of), stone producers, Steelton, Pa.
Cuming, Henry B., leather belting, 207 Center, New York.
Cuming, M. A., & Co., hatters' machy., 43 Bleeker, New York.
Cumings, H. P., Construction Co., 319 Washington, Boston, Mass.
Cumiskey, John H., contractor, Bridgeport, Conn.
Cummer Cypress Co., lumber, Sumner, Fla.
Cummer-Diggins Co., lumber mfrs., Cadillac, Mich.
Cummer, F. D., & Son Co., asphalt plant bldrs., dryers, etc., Superior Arcade, Cleveland, Ohio.
See adv. index at end of book.
Cummer Lumber Co., Jacksonville, Fla.
Cummer Mfg. Co., woodenware & novelties, Cadillac, Mich.
Cummer Products Co., lubricating oils, 2150 W. 15th, Cleveland, Ohio.
Cumming Oil & Fertilizer Co., Cumming, Ga.
Cummings, Bevis & Levan, mill & facty. supplies, Lancaster, Pa.
Cummings Bros., carriages, Hudson, N. H.
Cummings Bros., stone prod., Voorheesville, N. Y.
Cummings, C. K., architect, 8 Beacon, Boston, Mass.
Cummings, C. R., Export Co., lbr., Houston, Tex.
Cummings & Downer, architects, Painesville, Ohio.
Cummings & Emerson, who. hdwe., Peoria, Ill.
Cummings, F. G., packing box mfrs., Lowell, Mass.
Cummings Filter Co., pressure, 2701 Liberty av, Pittsburgh, Pa.
Cummings, G. R., Jr., & Co., shoe blacking & polishes, 264 S. Water, Milwaukee, Wis.
Cummings, Geo., & Son, tex. machy. (roll coverers), Fall River, Mass.
Cummings, H. P., Construction Co., Ware, Mass.
Cummings Iron Wks. & Supply Co., Walterboro, S. C.
Cummings, J. C., architect, Norwich, N. Y.
Cummings, J. C., contractor, Batavia, N. Y.
Cummings Josiah & Son, store trucks, 657 Atlantic av, Boston, Mass.
Cummings, M. F., cornices & skylights, Yazoo City, Miss.
Cummings, M. F., & Son, architects, Nat'l State Bk. Bldg., Troy, N. Y.
Cummings Machine Co., concrete mixers, Minister, Ohio.
Cummings Machine Wks., 110 High, Boston, Mass.
Cummings-Moberly Cypress Co., Moberly, La.
Cummings & Moore Graphite Co., 672 Atwater E., Detroit, Mich.
Cummings Ship Instrument Works, marine specialties mfrs., 110 High, Boston, Mass.
Cummings Structural Concrete Co., Benedum Trees Bldg., Pittsburgh, Pa.
Cummings, T. A., Fdry. Co., 1338 Cortland, Chicago, Ill.
Cummings, W. H., & Sons, scrap rubber, 60 Harrison, New York.
Cummins, B. F., Co., check perforators, protectors, etc., 4740 W. Ravenswood av, Chicago, Ill.
Cummins Canning Co., Conneaut, Ohio.

Cummins, Chas., flour mills, Cumminsville, Ky.
Cummins & Co., handles, Red Lick, Ky.
Cummiskey, Chas. J., architect, 165 E. Pomona (Gtn.), Philadelphia, Pa.
Cunliff, Chas., contractor, Title Guaranty Trust Bldg., St. Louis, Mo.
Cunningham, A. J., Co., meat pkrs., 34 Blackstone, Boston, Mass.
Cunningham, A. W. & Co., builders' supplies, Atlantic City, N. J.
Cunningham Brick Co., Greensboro, N. C.
Cunningham Bros., contractors, Beloit, Wis.
Cunningham, Bullock & Humphrey, architects, 1211 Coon av, N. W., Washington, D. C.
Cunningham, C. S. & Son Co., contrs., 23 Central av, Lynn, Mass.
Cunningham, C. S., & Sons Constr. Co., 7 Water, Boston, Mass.
Cunningham, Christopher, Co., tubular boilers, 437 Greenpoint av, Brooklyn, N. Y.
Cunningham Construction Co., Martinsville, Ind.
Cunningham, D. O., Glass Co., bottles & window glass, Jane & 22nd, Pittsburgh, Pa.
Cunningham, F. H. & J. G., architects, Greenville, S. C.
Cunningham, F. W., & Sons, contractors, Portland, Me.
Cunningham & Foley, Inc., contrs., 219 W. 116th, New York.
Cunningham, Frank M., contractor, Atlantic City, N. J.
Cunningham Hardware Co., Mobile, Ala.
Cunningham, J. H., Co., fndrs., 269 Congress, Boston, Mass.
Cunningham, Jas., Son & Co., automobile bldrs., Rochester, N. Y.
Cunningham, John J., architect, 430 Congress, Portland, Me.
Cunningham, M. E., Co., steel stamps, 625 Smithfield, Pittsburgh, Pa.
Cunningham Packing Co., meat packers, 84 S. Market, Boston, Mass.
Cunningham Paving & Constr. Co., 1345 Arch., Phila., Pa.
Cunningham-Penn. Steel Co., special machinery, Phila., Pa.
Cunningham Piano Co., 1101 Chestnut, Philadelphia, Pa.
Cunningham Plumbing Supply Co., plumbers' & steam fitters' supplies, 1234 Pennsylvania av, N. W., Washington, D. C.
Cunningham & Politeo, architects, First Nat'l Bk. Bldg., San Francisco, Cal.
Cunningham, Richard, brick, Russiaville, Ind.
Cunningham, T., Co., contractors, 608 E. 15th, New York.
Cunningham, Wm. J., brass fndrs., 21 Park row, New York.
Cuno Engng. Corp., auto lamps & cigar lighters, Meriden, Conn.
Cuozzo, D., contractor, 21 Park row, New York.
Cupples Adjustable Tooth Co., Tyrone, Pa.
Cupples, Sam'l, Envelope Co., 6th & Cerre, St. Louis, Mo.
Cupples, Sam'l, Woodenware Co., 7th & Spruce, St. Louis, Mo.
Cuprite Sulphur Corp., 50 E. 42d, New York.
Cureton, Geo. W., flour, Rising Fawn, Ga.
Cureton, Wm., & Sons, castings, Lexington, Richland Co., Ohio.
Curfman, F. S., Mfg. Co., electric flashlights, Marysville, Mo.
Curlett, W., & Son, architects, 548 S. Spring, Los Angeles, & Phelan Bldg., San Francisco, Cal.
Curley Bros., mason's & builder's materials, Wakefield, Mass.
Curley, J., & Bro., who. hdwe., 306 B'way, New York.
Curnow, R. C., machinist, Sonora, Cal.
Curphey & Mundy, contractors, Vicksburg, Miss.
Curran Bros. & Murphy, stone prod., Douglas & 4th av, Brooklyn, N. Y.
Curran & Firth, cornices, Toledo, Ohio.
Curran, Jas., cornices, Syracuse, N. Y.
Curran, Jas. H., Elevator Co., 114 W. 2d, Cincinnati, Ohio.
Curran Lumber Co., Lexington, Ky.
Curran Supply Co., steam fitters' supplies, 512 W. 36th, New York.
Curran-Swartout Co., Inc., contrs., Granite Bldg., Rochester, N. Y.
Currie Bros., Co., fertilizer mfrs., Milwaukee, Wis.
Currie Canning Co., Grand Junction, Colo.
Currie Co., mill & facty. supplies, Atlantic City, N. J.
Currie, J. B., & Son, machsts., 72 Adams, Brooklyn, N. Y.
Currie, J. L., lumber, Carthage, N. C.
Currie Mach. Co., 45 Fort, Detroit, Mich.
Currie, Malcom, contractor, Attleboro, Mass.
Currie, Marvin & Son, contrs., Johnstown, N. Y.
Currie, Thos. E., contractor, Magraw Bldg., Detroit, Mich.
Currie Windmill Co., Topeka, Kans.
Currier-Cameron Co., auto. wood bodies, 85 Elm, Amesbury, Mass.
Currier, Chas. E. & Co., contractors, 10 High, Boston, Mass.
Currier, Cyrus, & Sons, leather & oilcloth, etc., machy., 365 Market, Newark, N. J.
Currier, Eugene L., arch't, the Leamington Bldg., Minneapolis, Minn.
Currier Needle Co., Manchester, N. H.
Currier, R. B., Co., lbr. mfrs., Springfield, Mass.
Curry Bros. Oil Co., lubrg. oils, 253 Franklin, Boston, Mass.
Curry Champion Flv Trap Co., Paducah, Ky.
Curry, J. P., Mfg. Co., bag tyers, 280 Madison av, New York.
Curry, J. W., Co., belting, harness, straps, etc., 2615 Cummins, Cincinnati, Ohio.
Curry, Robt., architect, 45 Broadway, New York.
Curry, Robt. W., contractor, Newport, R. I.
Curry-Wagner Construction Co., 1900 Euclid av, Cleveland, O.
Curry's, Wm., Sons Co., masons' & bldrs. matls., Key West, Fla.
Curtain Supply Co., car curtains & trimmings, 320 W. Ohio. Chicago, Ill.
Curtainless Shower Co., shower baths, 25 W. B'way, New York.
Curtice Bros. Co., canned goods, Rochester, N. Y.
Curtice, J. E., lumber, Coleman, Mich.
Curtin, C. A., architect, Columbia Bldg., Louisville, Ky.
Curtin & Clark Hardware Co., Kansas City, Mo.
Curtin & Co., architects, Tulsa, Okla.
Curtin, Hebert, Co., glove mach., Gloversville, N. Y.
Curtin, John (Inc.), yacht sails, 3 South, New York.
Curtin-Ruggles Co., contractors, 39 Cortlandt, New York.
Curtin, Wm. H., Mfg. Co., htg. contrs., 331 Adam, Brooklyn, N. Y.
Curtis, Albert B., oil extractions, 25 Union, Worcester, Mass.
Curtis, Booth & Bently Co., sash, door & blind, Oklahoma, Okla.
Curtis- Brislin Lbr. Co., sash, door & blind mfrs., 3290 Atlantic av, Brooklyn, N. Y.
Curtis & Bro., paper & pulp mills, Newark, Del.
Curtis Bros., sashes, doors & blinds, East Orange, N. J.
Curtis Bros. & Co., lumber mfrs., Clinton, Ia.
Curtis, C. H., cornices & skylights, Waldboro, Me.
Curtis, C. M., architect, Vinney Bldg., Syracuse, N. Y.
Curtis, Chas. E., & Son, stone producers, Salem, Mass.
Curtis & Co., sashes, doors & blinds, 25 8th, Zanesville, Ohio.
Curtis & Co. Mfg. Co., mill & facty. supplies, 215 N. Desplaines, Chicago, Ill.
Curtis & Co. Mfg. Co., saw, lathe, etc., mill machy., 1571 Kienlen av, St. Louis, Mo.
Curtis Cornelius, sash, door & blind mfr., 22d & Center av, Chicago, Ill.
Curtis Corporation, canned goods., Long Beach, Cal.
Curtis & Curtis Co., steam fitters' supplies, mfrs., Bridgeport, Conn.
Curtis Dexter Co., horse collar pads, etc., Madison, Wis.
Curtis, Espy & Co., hrwe. mfrs., 158 N. Ashland blvd., Chicago, Ill.
Curtis, F. M., architect, Tampa, Fla.
Curtis, Fred W., plate glass, Troy, N. Y.
Curtis & Haire, machsts., Woodsfield, Ohio.
Curtis, Henry Loomis, architect, Abington, Pa.
Curtis, J. A., cornices, Red Hook, N. Y.
Curtis, J. H., landscape archs., 220 Devonshire, Boston, Mass.
Curtis, Jas. C., & Co., coffins, etc., 1222 W. Van Buren, Chicago, Ill.
Curtis, John B., architect, Port Henry, N. Y.
Curtis, John, & Co., contractors, Wilkes-Barre, Pa.
Curtis-Leger Fixture Co., metallic shades, 235 W. Jackson blvd., Chicago, Ill.
Curtis, M. J., architect, Reno, Nev.
Curtis Machine Co., Milan, Ohio.
Curtis Machine Corp., wood working machy., Jamestown, N. Y.
Curtis & Marble Mach. Co., textile machy., Worcester, Mass.
Curtis, Mont G., Co., horse collars, Troy, N. Y.
Curtis, N. A., Mfg. Co., carpet sweepers, Columbus, Ohio.
Curtis, N. C., University of Illinois architect, Toledo, Ohio.
Curtis & Pope Lumber Co., masons' & bldrs.' matls., 774 Albany, Boston, Mass.
Curtis, Reuel A., architect, Reserve Bank Bldg., Kansas City, Mo.
Curtis, S. P., & Son ,masons' & bldrs.' matls., Rutland, Vt.
Curtis Sash & Door Co., Sioux City, Ia.
Curtis Screw Wks., Buffalo, N. Y.
Curtis & Spindell Co., elastic hosiery, Lynn, Mass.
Curtis T. I. & Son, contrs., Nashville, Tenn.
Curtis & Tompkins, chemists, 331 California, San Francisco, Cal.
Curtis, Towle & Paine Co., sashes, doors, blinds & store fixtures, Lincoln, Neb.
Curtis Truck & Forging Co., machinists, Decatur, Ill.
Curtis & Von Bernuth Mfg. Co., auto. & carriage robes & rugs, 88 W. B'way, New York.
Curtis, W. H., naval arch., Bates Bldg., Portland, Ore.
Curtis Wharf Co., masons' & bldrs.' matls., Anacortes, Wash.
Curtis, Wm., Sons Co., lumber, 30 Eustis, Boston, Mass.
Curtis-Willis Co., machy. dlrs., 30 Church, New York.
Curtis & Yale Co., masons' & bldrs.' matls., Wausau, Wis.
Curtis-Yale Howard Co., wood handles, 1805 S. E. 5th, Minneapolis, Minn.
Curtiss Aeroplane & Motor Corp., 1972 Elmwood, Buffalo, N. Y.
Curtiss Bros., sewing tables, Richland, N. Y.
Curtiss & Dean, contractors, Hartford, Conn.
Curtiss, Harold M., Coal Co., masons' & bldrs.' matls., Milford, Mass.
Curtiss, J. H., Co., ship water closets, 2 South, New York.
Curtiss, Louis, architect, 1118 McGee, Kansas City, Mo.
Curtiss & Pierpont Co., cornices, New Haven, Conn.
Curtiss, W. L., ties, poles, etc., Birge Bldg., Buffalo, N. Y.
Curtiss, Wm. M., Co., masons' & bldrs.' matls. & mill & facty. supplies, 5016 20th, N. W., Seattle, Wash.
Curtisville Tile & Brick Co., Curtisville, Ind.
Cusack, Andrew M., contractor, 319 Washington, Boston, Mass.
Cusack Hardware Co., wholesale hardware, 1004 Arch, Phila., Pa.
Cusacks, Philip Allain, archt., 12 E. 46th, New York.
Cusack, Thos., Co., signs, 1312 W. Harrison, Chicago, Ill.
Cushen, P. J., contractor, 217 St. Paul, Baltimore, Md.
Cushing & Anderson, glass stainers, 155 Dudley, Rox., Boston, Mass.
Cushing, D., & Co., carnices, Lowell, Mass.
Cushing, L. W., & Son, weather vanes, Waltham, Mass.
Cushing Refining Co., petroleum and its products, Cushing, Okla.
Cushman Chuck Co., Hartford, Conn.

Cushman & Denison Mfg. Co., stationers' spec., 240 W. 23d, New York.
Cushman Electric Co., machsts. & fndrs., Concord, N. H.
Cushman, H. T., Mfg. Co., music stands, North Bennington, Vt.
Cushman Motor Wks., engines, etc., Lincoln, Neb.
Cushman Pattern & Model Wks., Houston, Tex.
Cushman, Person W., steam htg. contr., 7516 Decker av, N. E., Cleveland, Ohio.
Cushman & Rankin Co., paper & pulp mills, Bath, N. H.
Cushman Sprayer Co., machsts. & fndrs., St. Joseph, Mo.
Cushman, W. D., masons' & bldrs.' matls., Poseyville, Ind.
Cushnoc Paper Co., Augusta, Me.
Cushwa, Victor, & Sons, masons' & bldrs.' matls., Williamsport, Md.
Cusick Cornice & Roofing Co., 2602 5th av, Pittsburgh, Pa.
Cussins, Chas. D., Co., wholesale hdwe., 170 N. 3d, Columbus, O.
Cussins & Fearn Co., whol. hdwe., 48 Spring, Columbus, Ohio.
Custen Bros., button mfrs., 111 5th av, New York.
Custer Coupling Co., Bradford, Pa.
Custer Lumber Co., Custer, Wash.
Custer Milling Co., flour, Custer, Okla.
Custer & Seltzer, architects, Camden, N. J.
Custer, W. F., & Son, carriage wrenches, hand power punch & shear combined, Summitville, Ind.
Custodis, Alphons, Chimney Const. Co., 95 Nassau, New York.
Custodis Chimney Co., contractors, 140 S. Dearborn, Chicago, Ill.
Cutaway Harrow Co., clod crushers, cutters, etc., Higganum, Conn.
Cuthbert Bros. Co., contractors, Bessemer Bldg., Pittsburgh, Pa.
Cuthbert, E. D., architect, 435 Kansas av, Topeka, Kan.
Cuthbert Electrical Mfg. Co., 725 Fulton, Chicago, Ill.
Cuthbert Fertilizer Co., Cuthbert, Ga.
Cuthbert Oil Co., Cuthbert, Ga.
Cuthbertson, Elmer L., contractor, 334 Rox av, Philadelphia, Pa.
Cuthbertson, W. J., architect, 328 Montgomery, San Francisco, Cal.
Cuthrell, John A., lbr. mfrs., Greentown, Ind.
Cuthrell, Jno., Co., masons' & bldrs,' matls., Berkeley, Va.
Cutler Blades & Hardware Co., Newbern, N. C.
Cutler Desk Co., filing cabinets, Buffalo, N. Y.
Cutler-Hammer Mfg. Co., electric controlling apparatus, lifting magnets & magnetic clutches, 12th & St. Paul av, Milwaukee, Wis. *See adv. index at end of book.*
Cutler Hardware Co., Waterloo, Ia.
Cutler, Magner Co., masons' & bldrs.' matls., Duluth, Minn.
Cutler Mail Chute Co., Rochester, N. Y.
Cutler Mills, cotton twine, Warren, R. I.
Cutler Mills Co., mosquito netting, Packer, Conn.
Cutler & Procter Stove Co., mchts. & fndrs., Peoria, Ill.
Cutshall & Cutshall, contractors, Brazil, Ind.
Cutshall, Ira F., architect, Tarentum, Pa.
Cutsinger, F. M., lbr. mfrs., Evansville, Ind.
Cutter Co., mfg. I-T-E circuit breakers (electrical), Phila., Pa.
Cutter & Cutter, auto. trunks, 26 Chauncy, Boston, Mass.
Cutter, George, Co., electrical specialties & inc. cut-outs, 415 Notre Dame, South Bend, Ind.
Cutter & Kirtland, architects, Eilers Bldg., Spokane, Wash.
Cutter, Leslie W., contractor, Bangor, Me.
Cutter Mfg. Co., rope cutters & twine holders, Orient av, Everett Station, Boston, Mass.
Cutter, Olin W., architect, 683 Atlantic av, Boston, Mass.
Cutter, Scott C., testing clamps, Oswego, Ill.
Cutter & Smith Co., sash, door & blind mfrs., 2176 Washington, Rox., Boston, Mass.
Cutter-Tower Co., toothpick mfrs., 326 Broadway, New York.
Cutter, W. C., clay miners, Woodbridge, N. J.
Cutter & Wood Supply Co., machinists', foundry, metal polishers', & platers' & general facty. supplies, 68 Pearl, Boston, Mass.
Cutting, Carleton & Cutting, architects, 44 Front, Worcester, Mass.
Cutting, Frank R., masons' & bldrs.' matls., Lapeer, Mich.
Cutting & Washington, Inc., radio engineers & manufacturers, 26 Portland, Cambridge, Mass. *See adv index at end of book.*
Cuyahoga Boiler Works, 1206 Main av, Cleveland, Ohio.
Cuyahoga Builders' Supply Co., Schofield Bldg., Cleveland, Ohio.
Cuyahoga House Wrecking Co., bldg., materials, 6311 Kinsman rd, Cleveland, Ohio.
Cuyahoga Lumber Co., 1948 Carter rd, Cleveland, Ohio.
Cuyahoga Rendering & Soap Works, Denison av, S. W., Cleveland, Ohio.
Cuyahoga Roofing Co., cornices & skylights, Woodland & N. P. R R., Cleveland, Ohio.
Cuyahoga Spring Co., 16609 Waterloo rd, Cleveland, Ohio. *See adv. index at end of book.*
Cuyahoga Stamping & Machine Co., 1067 E. 152d, Cleveland, O.
Cuyahoga Tool Co., mchts., 103 E. Howard, Cleveland, Ohio
Cuyahoga Varnish Co., 8820 Bessemer av, Cleveland, Ohio
Cuyler & Mohler, mill & facty. & plumbers' supplies, 611 William Baltimore, Md.
Cuyuna-Minneapolis Iron Co., 514 Plymouth Bldg., Minneapolis, Minn.
Cycle Hatcher Co., incubators, Elmira, N. Y.
Cycle Washing Mach. Co., 160 Ann, Chicago, Ill.
Cyclemotor Corp., 149 Cady, Rochester, N. Y.
Cyclone Blow Pipe Co., 2552 W. 21st, Chicago, Ill.
Cyclone Fence Co., gates & iron fences, Waukegan, Ill.
Cyclone Grate Bar Co., 9 Grimes, Buffalo, N. Y.
Cyclone Mach. Co., coal drills, Pittston, Pa.
Cyclone Mfg. Co., hand vacuum cleaners, Bradford, Pa.
Cyclone Seeder Co.,, Urbana, Ind.
Cyclops Foundry Co., gray iron castings, Union Bk. Bldg., Pittsburgh, Pa.
Cyclops Iron Works, 837 Folsam, San Francisco, Cal.
Cyclops Steel Co., steel mfrs., 120 Broadway, New York.
Cypher, J. L., fndrs., Connellsville, Pa.
Cyphers Incubator Co., 95 Dewey av, Buffalo, N. Y.
Cypress Lumber Co.,, 88 Broad, Boston, Mass.
Cyr, John & Co., contrs., Lawrence, Mass.
Czar Ignition Co., spark plugs, 531 Ellicott, Buffalo, N. Y.
Czeschinsky, Fredk., architect, 410 Mackinaw, Detroit, Mich.

Daarf Contrg. Corp., 117 W. 25th, New York.
Dabbs, C. H., contractor, Meridian, Miss.
Dabbs & Wetmore, contrs., Meredien, Minn.
Dackus, John J., arch't City Hall, Los Angeles, Cal.
Dadant & Sons, bee keepers' supplies, Hamilton, Ill.
Dade Lumber Co., West Palm Beach, Fla.
Dadeville Cotton Oil Co., cottonseed meal, Dadeville, Ala.
Dadswell, Arthur L., contractor, 334 E. Ferry, Buffalo, N. Y.
Dady, M. J., contractor, 350 Fulton, Brooklyn, N. Y.
Daegling, A. V., contractor, 9000 Houston av, Chicago, Ill.
Daemicke, Paul J., Co., butchers' machy. & supplies, 321 W. South Water, Chicago, Ill.
Dafoe-Eustice Co., canvas covers, 340 Jefferson, Detroit, Mich.
Daft, A. C., ferro tungsten, tungsten, metal tungstic acid, Oliver Bldg., Pittsburgh, Pa.
Daggett & Curry Co., shades, Waltham, Mass.
Daggett, E. P., Canning Co., Coopersville, Mich.
Daggett Galvanizing & Plating Co., Syracuse, N. Y.
Daggett, R. P., & Co., architects, Lemcke Annex, Indianapolis, Ind.
Daggitts, Wm. H., & Sons, soap & soap powders, 383 W. 12th, New York.
Dagit, Henry D., & Son Co., architects, 411 Walnut, Phila., Pa.
D'Agostino, Jos., Co., contrs., 1834 Main, Bridgeport, Conn.
Dahill, F. J., Co., contractors, 217 Water, New Haven, Conn.
Dahl, E. A., & Co., contractors, Duluth, Minn.
Dahl, Henry C., contractor, 231 S. 8th, Philadelphia, Pa.
Dahl Mfg. Co., heat regulators, Minneapolis, Minn.
Dahl Mfg. Co., rules, 841 E. 136th, New York.
Dahl Punctureless Tire Co., 1424 Hennepin av, Minneapolis, Minn.
Dahlberg Office Supply Co., loose leaf devices, Des Moines, Ia.
Dahler, Jerauld, architect, Grand Central Terminal, New York.
Dahlman Constr. Co., Majestic Bldg., Milwaukee, Wis.
Dahlquist Machy. Co., 240 S. Exchange, St. Paul, Minn.
Dahlquist Mfg. Co., coppersmiths, 40 W. 3rd, So. Boston, Mass. *See adv index at end of book.*
Dahlstrom Metallic Door Co., 35 Blackstone av, Jamestown, N.Y. *See adv index at end of book.*
Dahmke, John J. A., Pkg. Co., meat, 2334 W. Lake, Chicago, Ill.
Dahnke-Walker Milling Co., flour, Union City, Tenn.
Daigger, A., & Co., laboratory supplies, 54 W. Kinzie, Chicago, Ill.
Daigle-Steger Iron Wks., 565 Lafayette blvd, Detroit, Mich.
Daigneault, A., contractor, Woonsocket, R. I.
Dail Steel Products Co., stamping works, Lansing, Mich.
Dail, W. H., Jr., brick, Greenville, N. C.
Dailey, L. W., Stove Wks., Stillwater, Minn.
Dailey-Udell Co., canned goods, Brockport, N. Y.
Daily Mfg. Co., sporting goods, 432 E. 7th, St. Paul, Minn.
Dain Mfg. Co. of Iowa, agricultural implements & automobile bldrs., Ottumwa, Ia.
Dain & Vermilyea, M., masons' & bldrs.' matls., Flint, Mich.
Dains, N., Sons Co., masons' & bldrs.' matls., Peekskill, N. Y.
Dairy Cream Separator Co., Lebanon, Ind.
Dairy Machinery & Constr. Co., creamery machy., freezers, etc., Derby, Conn.
Dairy Specialty Co., machsts., West Chester, Pa.
Dairymen's Mfg. Co., machy., boxes, cans, etc., Bay, Jersey City, N. J.
Dairymen's Supply Co., milk bot. caps, 1919 Market, Phila., Pa.
Daisy Mfg. Co., machsts. & fndrs., Plymouth, Mich.
Daisy Woodcraft Co., mission lamps, Faribault, Minn.
Dake Engine Co., hoists, Grand Haven, Mich.
Dakin, C. C., architect, Reading, Cal.
Dakota Construction Co., Grand Forks, N. D.
Dakota Iron Store, Sioux Falls, S. D.
Dakota Plaster Co., Rapid City, S. D.
Dakota Plow & Wagon Co., Sioux Falls, S. D.
Daland & Co., soap, 203 W. B'way, New York.
Dalby, H. L., canned goods, San Bernardino, Cal.
Dale Brewster Mach Co., Inc., dealers, 54 Lafayette, New York.
Dale, Chas. M., & Co., contrs., Lebanon, Ind.
Dale, Guy, architect, Corpus Christi, Tex.
Dale, John P., Machy. Co., Nashville, Tenn.
Dale Lighting Fixture Co., 107 W. 13th, New York.
Dale, Margaret, clothes lines, cotton mops Arlington, Mass.
Dale-Rey Corp., machy. mfrs., 25 Church, New York.
Daleville Canning Co., Daleville, Ind.
Daleville Glass Co., bottles, Daleville, Ind.
Daley Bros. Constr. Co., Bolivar, Ohio.

Daley, Chas. & Co., contractors, Railway Exch. Bldg., Seattle, Wash.
Daley Ldry. Machy. Wks., 337 Butler, Brooklyn, N. Y.
Daley, M. H., machsts., Charles City, Iowa.
Daley, R. A., sashes, doors & blinds, Rawlins, Wyo.
Daley, Robt. D., Co., contractors, 6 Church, New Haven, Conn.
Dalgleish, W. S., contractor, Burlington, Ia.
Dalglish, Robert, contractor, Morristown, N. J.
Dalk & Lindberg, sash, door & blind mfrs., Seattle, Wash.
Dalkena Lumber Co., Dalkena, Wash.
Dall, Bowers, Inc., contractor, 348 Trumbull, Hartford, Conn.
Dall, J., Constr. Co., Grand Central Terminal, New York.
Dall, Wm., contractor, 1276 W. 3rd, N. W., Cleveland, Ohio.
Dall, Wm., Co., contractors, Fort McHenry, Baltimore, Md.
Dallas, A. C. & Sons, metals, etc., 225 N. Jefferson, Chicago, Ill.
Dallas Art Glass Co., Dallas, Tex.
Dallas, B. B., tubular boilers, Knoxville, Tenn.
Dallas Brass Mfg. Co., machsts. & fndrs., Dallas, Tex.
Dallas Coffin Co., Dallas, Tex.
Dallas Cooperage & Woodenware Co., Dallas, Tex.
Dallas Cotton Mills, Dallas, Tex.
Dallas Fertilizer Reduction Co., Dallas, Tex.
Dallas Fdy., Dallas, Tex.
Dallas Iron Wks., Dallas, Ore.
Dallas Lime & Gravel Co., Dallas, Tex.
Dallas Mfg. Co., cotton sheetings, Huntsville, Ala.
Dallas & Nardulli, stone producers, 608 Larimer av, Pitts., Pa.
Dallas Oil & Fertilizer Co., Dallas, Ga.
Dallas Oil & Refining Co., Dallas, Tex.
Dallas, S. C., architect, 1832 S. 10th, E., Salt Lake City, Utah.
Dallas Screen Co., Dallas, Tex.
Dallas Show Case & Mfg. Co., Dallas, Tex.
Dallas Waste Mills, cotton & wool, Dallas, Tex.
Dallett & Co., elec. ry. supplies, Harrison Bldg., Phila., Pa.
Dallett, E. James, architect, Equitable Bldg., Wilmington, Del.
Dallett, Thos. H., Co., pneumatic tools, Juniper & Federal, Philadelphia, Pa.
Dalley, F. F., Co., shoe polishes, Buffalo, N. Y.
Dallis, P. A., Co., architects, Candler Bldg., Atlanta, Ga.
Dallman, Chas. F., & Son, stone producers, 5816 Laflin, Chicago, Ill.
Dallman & Cooper Supply Co., mill & facty. supplies, Fond Du Lac, Wis.
Dally, S. W. R., masons' & bldrs. matls., Seattle, Wash.
Dalrymple, Geo., machsts. & fndrs., Fair Haven, Vt.
Dalrymple, H. L., canned goods, Marshfield, Mo.
Dalrymple, J. A., & Co., slipper bows, Haverhill, Mass.
Dalsey, Harry L., architect, 2321 W. North av, Chicago, Ill.
Dalton Adding Machine Co., Norwood, Cincinnati, Ohio.
Dalton Auto. & Machine Co., Dalton, Ga.
Dalton Bros. Brick Co., Hopkinsville, Ky.
Dalton, Ernest, typewriter ribbons, 444 Market, San Fran., Cal.
Dalton Excelsior Co., Dalton, Ga.
Dalton Foundry, Warsaw, Ind.
Dalton, Henry, & Sons Co., machinist, Oakland, Cal.
Dalton-Ingersoll Mfg. Co., plumbers' supplies, jobbers, 52 Chauncy, Boston, Mass.
Dalton, J. D., & Son, masons' & bldrs.' matls., Aurora, Ill.
Dalton, John, electroplating, 20 Jacob, New York.
Dalton, Jno., Co., Ltd., masons' & bldrs' matls., Morgan City, La.
Dalton Mfg. Corp., lathes, 1915 Park av, New York.
Dalton Pottery Co., Dalton, Ohio.
Dalton Supply Co., machsts. & fndrs., Dalton, Pa.
Daly Bros., Sup. & Engng. Co., steam fitters' supp., Waterbury, Conn.
Daly & Hannan Dredging Co., Ogdensburg, N. Y.
Daly & Hopper, cornices & skyl'ts, 1802 11th, Washington, D. C.
Daly, J. A., brick, Nevada, Mo.
Daly, John J., Iron, Steel & Metal Co., 101 Mott av, Long Island City, N. Y.
Daly, M., stone producers, Conshohocken, Pa.
Daly, M. J., & Sons, mechanical & construction engineers, also jobbers in mill, steam & plumbing & factory supplies, 543 to 555 Bank, Waterbury, Conn.
Daly & Merritt, contrs., Portchester, N. Y.
Daly Plumbing Supply Co., 93 Cummings, Boston, Mass.
Daly & Rutherford, cornices, Jackson, Mich.
Daly, T. J., contractor, Augusta, Ga.
Dalzell Bros. Co., cornices, Youngstown, Ohio.
Dalzell, Brown & Co., architects, 29 West 34th, New York.
Dalziel-Moller Co., plumbers' supplies, jobbers, 556 Mission, San Francisco, Cal.
Damas & Francis, machsts., Sonora, Cal.
Damascus Brake Beam Co., London rd & Nickel Plate, Cleveland, Ohio.
Damascus Bronze Co., bronze castings and ingot metals, Pittsburgh, Pa. *See adv index at end of book.*
Damascus Crucible Steel Casting Co., New Brighton, Pa.
Damascus Mfg. Co., oils & greases, Cassius, Cleveland, Ohio.
Dambach, Edw., Co., lumber, Evans City, Pa.
Dame Mantel Co., masons' & bldrs.' matls., Harriman, Tenn.
Dame, Melvin A., & Son Co., heaters, Lynn, Mass.
Dame, Stoddard, Co., who. hdwe., 374 Washington, Boston, Mass.
Dameron, W. A., & Bro., canned goods, Weems, Va.
Dames Ferry Milling Co., flour, Dames Ferry, Ga.
Damhorst, Wm. S., brick, Quincy, Ill.
Damm, Jos., stone producers, 1403 East, Pittsburgh, Pa.
Damon, Arlington, machsts. & fndrs., Buckfield, Me.
Damon Bros., axe mfrs., Carmel, Me.
Damon, C. Page, architect, Haverhill, Mass.
Damon Co., buttons & horn hair pins, Leominster, Mass.
Damon, E. O., Jr., architect, Fort Dodge, Ia.
Damon, Geo., & Sons, printing presses & machy., 44 Beekman, New York.
Damon, J. F., machsts. & fndrs., Milford, Mass.
Damon Spec. Co., auto polish, 902 South Hill, Los Angeles, Cal.
Damon, W. F., flour mills, Elkton, Ky.
Damon, W. L., Co., masons' & bldrs.' matls., New Britain, Conn.
Damon, Walter S., packing boxes, State Line, N. H.
D'Amour Mach. Wks., 78 Cortlandt, New York.
Dan Valley Mills, flour, Danville, Va.
Dana, C. H., markers (poultry, cattle, etc.), West Lebanon, N. H.
Dana Canned Goods Co., Belpre, Ohio.
Dana Ca., machsts. & fndrs., Platteville, Wis.
Dana & Company, Inc., steel ferro metals and heavy chemicals imptrs., 111 B'way, New York. *See adv. index at end of book.*
Dana Hardware Co., 28 Pearl, Boston, Mass.
Dana Warehouse Co., masons' & bldrs.' matls., 271 Snelling av, N., St. Paul, Minn.
Dana Warp Mills, bags, etc., Westbrook, Me.
Danaher Lumber Co., Tacoma, Wash.
Danaher, R. E., Co., lumber, Majestic Bldg., Detroit, Mich.
Danahy Packing Co., meat, 25 Metcalf, Buffalo, N. Y.
Danberg C. A. Co., brass & composition fndrs, New Britain, Conn.
Danbury Hardware Co., Danbury, Conn.
Danbury Square Box Co., Danbury, Conn.
Dance Guano Co., Toccoa, Ga.
Dancyger Safety Pin Ticket Co., Cleveland, Ohio.
Dane Machine Co., Salem, Mass.
Dane Mfg. Co., insulation, 333 6th av, Newark, N. J.
Danforth Chemical Co., insecticides, Leominster, Mass.
Danforth, Eugene, spool wood, Bangor, Me.
Danforth, John W., Co., contractors, 70 Ellicott, Buffalo, N. Y.
Dangel, David, & Sons, contractors, 506 N. Van Buren, Wilmington, Del.
Dangler, Harold G., architect, 215 Montague, Brooklyn, N. Y.
Dangler Stove Co., 5017 Perkins av, Cleveland, Ohio.
Dangles, Jacob, & Son, meat packers, 722 Myrtle av, Bklyn., N. Y.
Daniel Contracting Co., 503 Market, San Francisco, Cal.
Daniel, F. W., masons' & bldrs.' matls., Ness City, Kan.
Daniel, Jacob, Brick Co., 291 Clippert av, Detroit, Mich.
Daniel Packing Co., Amburg, Va.
Daniel & Reilly, advtg. novelties, Baltimore, Md.
Daniel Sons & Palmer Co., fertilizer, Millen, Ga.
Daniel, W. H., Supply Co., fertz. mfrs., Mullins, S. C.
Daniels, Arthur, Co., contrs., tools & supp., 13 Park Row, New York.
Daniels, Chas. A., contrs., Adams, Mass.
Daniels, D. L., & Co., granite producers, Milford, N. H.
Daniels, Fred, fertilizer mfr., Johnsonburg, N. Y.
Daniels, Fred G., architect, Pawtucket, R. I.
Daniels, Geo. A., gas ranges, 100 William, New York.
Daniels, Geo. E., carriage wheels, Rowley, Mass.
Daniel's, Jack, Old Time Distillery, Lynchburg, Tenn.
Daniels & Lyst, contractors, Anderson, Ind.
Daniels Mach. Co., cutting machy., S. Royalton, Vt.
Daniels, Moses, cornices & syklights, Brunswick, Ga.
Daniels Motor Car Co., Reading, Pa.
Daniels, Oscar, Co., contractors, iron & steel, Woolworth Bldg., New York.
Daniels Road Oiling Co., 171 Westminster, Providence, R. I.
Daniels Safety Device Co., lock nuts, 204 S. La Salle, Chicago, Ill.
Daniels, Sam'l A., machinist, Waterville, N. Y.
Daniels, Willard B., clays, marble dust, chalk, etc., 252 Front, New York.
Danielson, B. J., bldg. contr., 638 Mineral, Milwaukee, Wis.
Danielson, Chas., contractor, Duluth, Minn.
Danielson, Daniel, contractor, 874 Layton blvd, Milwaukee, Wis.
Danielson Engine Wks., 339 E. 39th, Chicago, Ill.
Danielson, J. C., & Co., pliers, Jamestown, N. Y.
Danielson & Pierce, lbr., Rhinelander, Wis.
Danis, Hunt, Constr. Co., Main bet. 1st & 2nd, Dayton, Ohio.
Danker, Brunn, & Son, contractors, Johnstown, Pa.
Dann Bros. & Co., auto. bodies, fenders, seats, etc., New Haven, Conn.
Dann Products Co., bronze bearings, 1084 E. 152nd, Cleveland, O.
Dannehl, Valentine, machsts. & fndrs., Fredericksburg, Va.
Dannenhoffer Glass Wks., 330 Himrod, Brooklyn, N. Y.
Danner, Adam, Co., machinists, Yonkers, N. Y.
Danner, J., broom corn, Humboldt, Ill.
Danser Mfg. & Supply Co., mill & facty. supplies, Weston, W. Va.
Dantzler Fdry. & Mach. Wks., Gulfport, Miss.
Dantzler, L. N., Lbr. Co., Moss Point, Miss.
Dantzler Shipbldg. & Dry Dock Co., Moss Point, Miss.
Danubil Co., Inc., packing mfrs., Postal Telegraph Bldg., New York.
Danver, R. H., machinist, 845 Pennsylvania av, N. S., Pittsburgh, Pa.
Danvers Leather Co., leather boards, 161 Devonshire, Boston, Mass.

Danversport Rubber Co., Danversport, Mass.
Danville Brick Co., Danville, Ill.
Danville Buggy Co., Danville, Ill.
Danville Canning Co., Danville, Ind.
Danville Fdry. & Mach. Co., Danville, Ill.
Danville Hardware Co., Danville, Va.
Danville Hardware & Supply Co., plumbers' supp., Danville, Pa.
Danville Iron & Metal Co., Danville, Ill.
Danville Lime & Cement Co., masons' & bldrs.' matls., Danville, Ill.
Danville Lounge & Mattress Co., Danville, Ill.
Danville Lbr. Co., Danville, Ill.
Danville Lumber & Mfg. Co., Danville, Ky.
Danville Lumber & Mfg. Co., sash, door & blind, Danville, Va.
Danville Malleable Iron Co., Danville, Ill.
Danville Stove & Mfg. Co., Danville, Pa.
Danville Struct. Tubing Co., Danville, Pa.
Danz, H., Jr., cornices & skylights, Green Bay, Wis.
Danzeisen Pckg. Co., meat packers, Decatur, Ill.
Danzer Lumber Co., Hagerstown, Md.
Danzer Metal Works, cornices & skylights, Hagerstown, Md.
Danzer, Wm. F., & Co., contractors, South Bethlehem, Pa.
Danzis, G., watchmakers' tools, 47 Ann, New York.
D. & A. Post Mould Co., Three Rivers, Mich.
Daprato Statuary Co., marble interior wk., 766 W. Adams, Chicago, Ill.
Darby, Edw., & Sons Co., wire goods mfrs., 239 Arch, Phila., Pa.
Darby, H. M., architect,, Elkins, W. Va.
Darby & King Hdwe. Co., Florence, Ala.
Darby, Rezin W., contractor, 3009 O, N. W., Washington, D. C.
Darbyshire, A. J., brick, Sabina, Ohio.
Darbyshire, Harvie, Iron & Mach. Co., El Paso, Tex.
Darcey, D. J., contractor, West New Brighton, N. Y.
Darche Mfg. Co., elec. alarm clocks, 643 Washington blvd, Chicago, Ill.
D'Arcy & Sons Co., sash, door & blind, 61 Washington, N., Boston, Mass.
D'Arcy Spring Co., Kalamazoo, Mich.
Darden, J. M., contractor, Suffolk, Va.
Dargan Lbr. Co., Effingham, S. C.
Dargent, Chas., glass floats, 360 Crescent, Brooklyn, N. Y.
Dark & Co., contractors, 654 Main, Buffalo, N. Y.
Dark, Stephen C., architect, 159 E. Market, Indianapolis, Ind.
Darling, C. H., mill & facty. supplies & whol. hdwe., Woonsocket, R. I.
Darling, C. Harry, machinist, Trenton, N. J.
Darling, C. P., Co., packing boxes & cloth boards, 415 Charles, Providence, R. I.
Darling, Chas., & Co., lbr., 1055 W. 22d, Chicago, Ill.
Darling & Co., tallow, 4201 S. Ashland av, Chicago, Ill.
Darling Construction Co., Waycross, Ga.
Darling & Dean Co., whol. hdwe., Nome, Alaska.
Darling & Eitel Co., contractors, 130 N. 5th av, Chicago, Ill.
Darling, F. W., Co., masons' & bldrs.' matls., Hyde Park, Mass.
Darling, J. W., Lumber Co., 2d National Bk. Bldg., Cincinnati, O.
Darling, Joseph E., architect, Bennett Bldg., Fall River, Mass.
Darling, Jos. M., contractor, Fall River, Mass.
Darling, L. B., Fertilizer Co., Worcester, Mass.
Darling Machine Co., machsts. & fndrs., 2110 Superior av, N. W., Cleveland, Ohio.
Darling, O. J., & Co., plumbers' pumps, 372 Kirby av, W. Detroit, Mich.
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.
Darling-Slade Constr. Co., Newport, R. I.
Darling & Walper, architects, Chamber of Commerce, Detroit, Mich.
Darling, Walter S., masons' & bldrs.' matls., Kingston, N. Y.
Darling, Wm. P., masons' & bldrs.' matls., Kalamazoo, Mich.
Darlington Brick & Mining Co., Darlington, Pa.
Darlington Brick & Tile Co., Darlington, S. C.
Darlington Cotton Oil Co., meal, Darlington, S. C.
Darlington Fertilizer Co., Darlington, S. C.
Darlington, Howard G., contractor, West Chester, Pa.
Darlington Iron Wks., Darlington, S. C.
Darlington's, M., Sons, canned goods, Pomeroy, Pa.
Darmer, C. A., architect, 1111½ B'way, Tacoma, Wash.
Darnell-Love Lumber Co., mill, lbr., etc., Leland, Miss., and Memphis, Tenn.
Darragh, Small & Co. (Ltd.), cocoanut oil, cocoa mats, 177 Water, N. Y. City.
Darrah Milling Co., flour, Big Rapids, Mich.
Darrin, D. H., rheostats, 4 White, New York.
Darrow, Alfred L., architect, 8 Beacon, Boston, Mass.
Darrow & Comstock Co., mill & facty. supplies, New London, Conn.
Darrow, F. H., Steel Boat Co., Albion, Mich.
Darrow's, Rufus, Son, masons' & bldrs.' matls., 618 W. 49th, New York.
Darsh, Chas. H., architect, Westfield, N. J.
Darst, Otto C., architect, Brunson Bldg., Columbus, O.
Dart, David C., architect, Judge Bldg., Salt Lake City, Utah.
Dart, E. M., Mfg. Co., pipe union mfrs., Thurber av & Eddy, Providence, R. I. *See adv. index at end of book.*
Dart, H. W., lumber, Dartford, Wash.
Dart, Jas. A., & Son, cornices, Port Huron, Mich.
Dart Motor Truck Mfg. Co., Waterloo, Ia.
Dart, Whitman, architect, Gumbel Bldg., Kansas City, Mo.
Darting & McGavren, canned goods, Glenwood, Ia.
Daru & Huffman, elec. light fix. mfrs., 18 Bergen, Brooklyn, N. Y.
Darwin & Milner, steel, 281 Water, New York.
Dary Ring Traveler Co., tex. machy., supplies, etc., Taunton, Mass.
Dashiell, C. M., canned goods, Princess Anne, Md.
Dassau, Fred'k, architect, 1373 B'way, Brooklyn, N. Y.
Datz, Albert Co., advtg. novelties, Jersey City, N. J.
Datz, Chas. F., Co., packing box mfrs., 482 N. 5th, Phila., Pa.
Daub, Walter T., architect, 341 5th av, New York.
Daube & Hopken, balances, assay & analytical, 39 Carlton av, Jersey City, N. J.
Daubenmire, C. E., drain tile, Union City, Ind.
Daubenspeck, Chas. B., contractor, Allentown, Pa.
Dauber Bell Mach. Co., Oshkosh, Wis.
Dauber-Kratsch Co., machinists, Oshkosh, Wis.
Dauch Mfg. Co., traction engines, Sandusky, Ohio.
Dauchy, Chas. H., & Co., plate glass, Troy, N. Y.
Dauchy Iron Wks., 223 W. Illinois, Chicago, Ill.
Daugherty, A. E., watchman's clocks, Penn Bldg., Pittsburgh, Pa.
Daugherty Bros. Brick Co., Kittanning, Pa.
Daugherty Bros.' Hdwe. Co., whol. hdwe., Wellington, Ohio.
Daugherty Foundry Co., Allentown, Pa.
Daugherty-Smith-Phillips Co., electricians' drills, 502 W. Division, Chicago, Ill.
Daugherty, W. E., gas machs., etc., Princeton, Ind.
Daugherty, W. H., & Son, petroleum, Petrolia, Pa.
Dauley & Wright, stone producers, Oneonta, N. Y.
Daum, A. F., Elec. Fuse Co., 1157 Hodgkiss, Pittsburgh, Pa.
Dauphin, Wm., Bronze & Iron Wks., 141 W. 33d, New York.
Dauplais, A., bldg. contr., Superior, Wis.
Dauplais, A. J., contractor, Superior, Wis.
Daus, Felix F., Duplicator Co., 111 John, New York.
Dautel, L., & Son Co., contractor, 5710 Hough av, N. E., Cleveland, Ohio.
Dautoff, J. D., architect, Stock Exch. Bldg., Portland, Ore.
Dautremont, Frank, brick, Monticello, Ia.
Dave Machine Co., machinists, 314 S. B'way, Lawrence, Mass.
Davelaar, Wm., architect, 204 Grand av, Milwaukee, Wis.
Davenport Bedding Co., mattresses, Davenport, Iowa.
Davenport Brick & Tile Co., Davenport, Ia.
Davenport Granitoid Co., Davenport, Ia.
Davenport-Brown Co., sash, door & blind mfrs., Somerville, Mass.
Davenport, Harry C., founders, Blissfield, Mich.
Davenport, John, Co., machsts. & fndrs., Stamford, Conn.
Davenport & Keeler, chemists, New Britain, Conn.
Davenport, L. M., Co., whol. hdwe., 3478 E. 5th, Lost Angeles.
Davenport Ladder Co., Davenport, Ia.
Davenport Locomotive Works, Davenport, Ia.
Davenport Mach. & Fdry. Co., Davenport, Ia.
Davenport Machine Tool Co., clock pinions, drilling & automatic screw machy., New Bedford, Mass.
Davenport Mfg. Co., machsts. & fndrs., Davenport, Ia.
Davenport, Mart, & Co., htg. contrs., Lockport, N. Y.
Davenport-Paine Co., lbr. mfrs., Holquiam, Wash.
Davenport Pearl Button Co., Davenport, Ia.
Davenport, Peters Co., lumber, 70 Kilby, Boston, Mass.
Davenport Planter Co., Wheaton, Ill.
Davenport, S. F., steam engines, Hallowell, Me.
Davenport Stone & Marble Co., Davenport, Ia.
Davenport-Treacey Piano Co., 518 W. 55th, New York.
Davenport Wagon Co., Davenport, Ia.
Davenport Washing Mach. Co., Davenport, Ia.
Daverman, J. & G., architects, Ass'n of Commerce Bldg, Grand Rapids, Mich.
Davey & Co., lubricants, 2608 Grand av, Chicago, Ill.
Davey & Crowther, architects, Coal Exch. Bldg., Scranton, Pa.
Davey, E. H., Co., paper & pulp mills, Bloomfield, N. J.
Davey Fibre Products Co., cardboard, gaskets, 164 Laidlaw av, Jersey City, N. J.
Davey, J. Jeffery, architect, Brandeis Theatre Bldg, Omaha, Neb.
Davey, John H., granite tools, New London, Conn.
Davey, W. O., & Sons, paper & pulp mills, 174 Laidlaw, Jersey City, N. J.
Davia Bros., floor mosaics, 161 W. 24th, Chicago, Ill.
David, Lester W., lumber Co., Seattle, Wash.
David, P., Co., machinists, 21st & Indiana, San Francisco, Cal.
Davidheiser, F. B., brick, Pottstown, Pa.
Davidoff, J., mchy., guards & safety devices, 733 Lafayette av., Brooklyn, N. Y.
Davids, Thaddeus, Ink Co., 97 Vandam, New York.
Davidsen, Wayland F., architect, Charlestown, W. Va.
Davidson, A. C., contractor, Rochester, Ind.
Davidson, Alex., masons' & bldrs.' matls., Canandaigua, N. Y.
Davidson, Chas., elec. & gas light fixtures, 37 Rankin, Newark, N. J.
Davidson, Chas. E., portable grain elevator, Eureka,Ill.
Davidson Chemical Co., Garrett Bldg., Baltimore, Md.
Davidson Commission Co., fullers' earth, 140 W. Van Buren, Chicago, Ill.
Davidson Construction Co., 1445 E. 16th, Los Angeles, Cal.
Davidson, D. H., pckg. box mfrs., 2005 Washn. av, Phila., Pa.
Davidson-Dietrich Plow Co., Evansville, Ind.
Davidson-East-Molyneaux Co., flour mills, Rockwood, Tenn.
Davidson, F. F., architect, Monadnock Bldg., Chicago, Ill.

Davidson Fan Co., ventilating, Newton, Mass.
Davidson Granite Co., Lithonia, Ga.
Davidson, H. B., carriages, Springfield, Ill.
Davidson Heating & Construction Co., heating appliances, 80 York, Hanover, Pa.
Davidson, H. O., architect, 10209 Somerset av, N. E., Cleveland, Ohio.
Davidson, Hicks & Greene Co., lumber, Nashville, Tenn.
Davidson, Jas., ship builders, Bay City, Mich.
Davidson, J. M., contractor, Akron, Ohio.
Davidson, J. W., & Co., elec. light fix. mfrs., 629 Main, Cincinnati, Ohio.
Davidson, M. I., Co., hair cloth mfrs., 1100 Shackamaxon, Philadelphia, Pa.
Davidson, M. T., Co., machsts. & plunger pumps, 43 Keap, Brooklyn, N. Y.
Davidson Mill & Elevator, flour, Muskogee, Okla.
Davidson Ore Mining Co., White Bldg., Buffalo, N. Y.
Davidson Pipe & Iron Co., second-hand pipe, 436 Kent av, Brooklyn, N. Y.
Davidson, Richard Co., dock bldr., New London, Conn.
Davidson Rubber Co., Boston, Mass.
Davidson, S. M., Co., mason's & bldrs.' matls., Beacon, N. Y.
Davidson Steel & Forging Corp., 122 Maiden la, New York.
Davidson & Stevenson Porcelain Co., insulators, East Liverpool, Ohio.
Davidson, W. H., dry docks, New London, Conn.
Davidson, W. J., & Sons, masons' & bldrs.' & mill & facty. supplies, Beaver Falls, Pa.
Davie, J. T., Brick Co., common, Spokane, Wash.
Davies, Edgar W., canned goods, Leesburg, N. J.
Davies, Fred G., baled shavings, North Tonawanda, N. Y.
Davies & Fshon, Ltd., lumber, 214 Front, San Francisco, Cal.
Davies, J. C., contractor, Saginaw, Mich.
Davies, John, architect, 177 Castleton av, Tompkinsville, N. Y.
Davies, John G., machinist, Sacramento, Cal.
Davies, John J., & Co., steel struct. dlrs., 20th & Clearfield, Philadelphia, Pa.
Davies, K. M., Co., canned goods, Williamson, N. Y.
Davies Supply Co., mill & facty. & plumbers' supplies, 412 W. Ontario, Chicago, Ill.
Davies & Thomas Co., machsts. & fndrs., Catasauqua, Pa.
Davies, Young Soap Co., Dayton, Ohio.
D'Avignon, Francis P., stone producers, New London, Conn.
Davin, J. J., drilling tools, Washington, Pa.
D'Avino & Marchetti, architects, 42 Church, New Haven, Conn.
Davis, A., & Bros., crushed stone, Hermitage rd, Richmond, Va.
Davis, A. C., architect, Shawnee, Okla.
Davis, A. C., Lbr. Co., Columbus, Ohio.
Davis, A. L., Son, agric. imps., Binghamton, N. Y.
Davis, Abraham, architect, 13 Newark av, Jersey City, N. J.
Davis Acetylene Co.,, 90 Prospect, Elkhart, Ind.
Davis, Albert E., architect, 258 E. 138th, New York.
Davis & Andrews Co., flour mills, Memphis, Tenn.
Davis & Archer, contractors, Richmond, Va.
Davis, B. F. & C. M. Co., contrs., Fort Worth, Tex.
Davis Bar Harbor Buckboard Co., carriages, Bar Harbor, Me.
Davis-Birely Table Co., Shelbyville, Ind.
Davis Boring Tool Co., 3722 Forest Pk. blvd., St. Louis, Mo.
Davis-Bournonville Co., oxyacetylene welding & cutting apparatus, Jersey City, N. J.
Davis Brake Beam Co., Johnstown, Pa.
Davis, Brinton B., architect, Inter-Southern Bldg., Louisville, Ky.
Davis & Brooks, architects, 1 Lewis, Hartford, Conn.
Davis Bros., concrete reinf. bars, spikes, etc., 29th & Bristol, Philadelphia, Pa.
Davis Bros., contractors, Richmond, Va.
Davis Bros., cornices & skylights, 204 Dilworth, Pittsburgh, Pa.
Davis Bros., flour mills, Smyrna, Tenn.
Davis Bros., granite, West Berlin, Vt.
Davis Bros. & Co., masons' & bldrs.' matls., Saltsburg, Pa.
Davis Bros. Lumber Co., Ltd., Ansley, La.
Davis Bros. Stone Co., Lannon, Wis.
Davis, C. A., contractor, Security Bk. Bldg., Minneapolis, Minn.
Davis, C. A., & Son, masons' & bldrs.' matls., Goshen, Ind.
Davis, C. E., Mach. Co., engine lathes, special mach. & key seating tools, 133 Andrews, Rochester, N. Y.
Davis, C. E., Packing Co., fertilizer mfrs., Fleeton, Va.
Davis, C. H., & Co., Inc., meat packers, Norwich, Conn.
Davis, C. K., Mfg. Co., locomotives, Detroit, Mich.
Davis, C. M., & Co., woolen flannels, Northfield, Vt.
Davis, C. W., contractor, Champaign, Ill.
Davis Chair Co., Marysville, Ohio.
Davis, Chas. E., gray iron coatings, Rutland, Vt.
Davis, Chas. J., Bldg. Co., contrs., Albany, N. Y.
Davis, Chas. M., architect, 28 E. 49th, New York.
Davis Coal & Coke Co., Continental Bldg., Baltimore, Md.
Davis & Coleman Co., Inc., contrs., Binghamton, N. Y.
Davis Const. Co., htg. contrs., 175 N. Dearborn, Chicago, Ill.
Davis Construction Co., Plymouth Bldg., Minneapolis, Minn.
Davis Construction Co., Union Trust Bldg., Washington, D. C.
Davis & Cooper, contrs., Mobile, Ala.
Davis & Dane, architects, 1024 Main, Bridgeport, Conn.
Davis & Daniels Co., masons' & bldrs.' matls., Mitchell, S. D.
Davis, David, architect, 41 E. 4th, Cincinnati, Ohio.
Davis, David R., architect, 526 S. Wisconsin, Racine, Wis.
Davis & Davis, architects, 64 E. Van Buren, Chicago, Ill.
Davis, E. C., & Co., machinists, Seneca Falls, N. Y.
Davis, E. T., & Son, contrs., Springfield, Mass.
Davis, Edw. H., architect, Connell Bldg., Scranton, Pa.
Davis, Ed. L., architect, 159 Clinton, Schenectady, N. Y.
Davis, Edward L., Lumber Co., Louisville, Ky.
Davis, Emry, inks, inkstands, 298 B'way, New York.
Davis, F. H., machinist, Cambridge, Mass.
Davis, F. Pierpoint, architect, Exchange Bldg., Los Angeles, Cal.
Davis & Farnum Mfg. Co., machsts. & fndrs., Waltham, Mass.
Davis Fire Brick Co., Oak Hill, Ohio.
Davis Foundry, Hornell, N. Y.
Davis Foundry Co., Lawrence, Mass.
Davis Foundry & Machine Works, Rome, Ga.
Davis, Fred. W., wood pails & buckets, Keene, N. H.
Davis, Fred'k L., architect, Leominster, Mass.
Davis & Furber Machine Co., North Andover, Mass.
Davis, G. M., & Son, tanks—wood, Palatka, Fla.
Davis, G. R., cornices & sylights, Paducah, Ky.
Davis & Geck, cat-gut, 217 Duffield, Brooklyn, N. Y.
Davis, Geo. A., Construction Co., South Bend, Ind.
Davis, Geo. C., chemists, engineers, 39 S. 10th, Philadelphia, Pa.
Davis, Geo. H., architect, 411 Perry av, Peoria, Ill.
Davis, Geo. H., stone, Blue Springs, Neb.
Davis, Geo. M., Regulator Co.,, 422 Milwaukee av, Chicago, Ill.
Davis, Geo. M., & Son, contrs., Equitable Bldg., Boston, Mass.
Davis, Geo. W., carriage robes, Worcester, Mass.
Davis, Geo. W., Motor Car Co., Richmond, Ind.
Davis, H. B., Co., enamels, paints, varnishes, etc., Keyser Bldg., Baltimore, Md.
Davis-Hansen Co., sift pumps, Oshkosh, Wis.
Davis Hardware Co., Gardner, Mass.
Davis Hdwe. Mfg. Co., Gloucester, Mass.
Davis & Hemphill, screw mach. products, Elkridge, Md.
Davis, Herbert E., architect, 175 5th av, New York.
Davis, Herbert M., machsts. & fndrs., Dover, N. H.
Davis & Hopkins Lumber Co., Princeton, Ill.
Davis, Horwich & Steinman, bedstead mfrs., 2236 La Salle, Chicago, Ill.
Davis, Howe & Co., machsts. & fndrs., Salt Lake City, Utah.
Davis, Hunt & Collister Co., wholesale hdwe., 2056 Ontario, Cleveland, Ohio.
Davis, I. B., & Son, machsts., Hartford, Conn.
Davis Instrument Mfg. Co., anemometers, 112 W. Fayette, Baltimore, Md.
Davis, J. C., contractor, Garfield Bldg., Cleveland, Ohio.
Davis, J. H., cream separators, Sparta, Wis.
Davis, J. H., flour mill, Vilonia, Ark.
Davis, J. H., & Son, lumber, Kathleen, Ga.
Davis, J. P., contractors, Owensboro, Ky.
Davis, J. W., architect, Warren, Ohio.
Davis, J. W., contractor, Newport News, Va.
Davis, Jas. S., machst. & fndr., Omaha, Neb.
Davis, Jas. & Son, machsts., 463 Pacific av, Jersey City, N. J.
Davis, Jno., cornices, 170 Court, Brooklyn, N. Y.
Davis, John B., ladders, ironing boards, curtain stretchers, Clinton, Me.
Davis, John C., contractor, Scranton, Pa.
Davis-Johnson Mfg. Co., machsts., 4518 Lex., Chicago, Ill.
Davis & Kermode, brick, Livingston, Montana.
Davis, L. D., fndrs., 15th & French, Wilmington, Del.
Davis, L. E., machst. & fndr., Hinckley, Ill.
Davis, L. M., contractor, Pensacola, Fla.
Davis, L. O. & E. S., masons' & bldrs.' matls., Middleton, Conn.
Davis, Lewis T., contractor, Poughkeepsie, N. Y.
Davis & Lippincott, canned goods, Woodstown, N. J.
Davis, Louis N., machsts., West Chester, Pa.
Davis Lumber Co., Shamokin, Pa.
Davis Lumber & Planing Mill Co., sash, door & blind, Christiana, Pa.
Davis, McGrath & Kiessling, architects, Fuller Bldg., New York.
Davis & McLae Mfg. Co., tex. machy., supplies, roll covers, Fall River, Mass.
Davis, M. L., lumber mfr., Oak Grove, Ala.
Davis, M. M., & Son, ship bldrs., Solomons, Md.
Davis, M., & Sons, machsts., Salem, Ohio.
Davis, M. Stuart, architect, Louisburg, N. C.
Davis Mach. Shop, Rock Island, Ill.
Davis Machine Tool Co., Rochester, N. Y.
Davis Mach. Wks., Burlington, Vt.
Davis Mfg. Co., tractor motors, 57th & Mitchell, Milwaukee, Wis.
Davis Marble Co., floor mosaics, 1450 W. North av, Chicago, Ill.
Davis Milk Machy. Co., cream separators, 10 S. La Salle, Chicago, Ill.
Davis Mill Co., flour, Galesville, Wis.
Davis, Millard F., architect, Hildreth Bldg., Lowell, Mass.
Davis & Millbery, contrs., Zanesville, Ohio.
Davis, Milton C., contractor, 633 N. Calvert, Baltimore, Md.
Davis & Mowrey, masons' & bldrs.' matls., Spring City, Pa.
Davis, N. Frank, mill & facty. supplies, Fall River, Mass.
Davis, N. R., & Sons, machsts. & fndrs., Assonet, Mass.
Davis, Norris K., Mach. Wks., concrete mixers, elec. furnaces, etc., 400 7th, San Francisco, Cal.
Davis, O. C., Co., steam fitters' supplies, Racine, Wis.

Davis, O. L., canned goods, Park Rapids, Minn.
Davis, O. L., Lumber Co., Trinadad, Colo.
Davis Oil Co., tallow, 95 9th, Brooklyn, N. Y.
Davis Paper Co., lthr. boards, Contoocook, N. H.
Davis Paper Co., West Hopkinton, N. H.
Davis Planing Mill Co., sashes, doors & blinds, Springfield, Mo.
Davis, R. A., flour mills, Gibbon, Neb.
Davis, R. G., contractor, Carnegie, Pa.
Davis, Robt. L., contractor, Tampa, Fla.
Davis, Rodney, gears, 624 Race, Philadelphia, Pa.
Davis, S. H., Co., mill & facty. supplies & wholesale hdwe., 68 Portland, Boston, Mass.
Davis, S. & Paul A., 3d, architects, 1713 Sansome, Phila., Pa.
Davis & Sargent Lbr. Co., Lowell, Mass.
Davis Scott Belting Co., 240 Hawthorne av, Portland, Ore.
Davis Sewing Machine Co., Dayton, Ohio.
Davis & Sherer Co., factory equipment, 226 So. Ludlow, Dayton, Ohio.
Davis & Siehl Co., iron fences, 4032 Hamilton av, Cincinnati, O.
Davis Slate & Mfg. Co., structural slate, 618 E. 40th, Chicago, Ill.
Davis-Smith Co., contractors, 516 Federal, Pittsburgh, Pa.
Davis-Speyer Co., sashes, doors & blinds, Hoboken, N. J.
Davis Springs Co., Inc., flour, Hiddenite, N. C.
Davis Sulphur Ore Co., 65 Wall, New York.
Davis, T. B., contractor, Rock Island, Ill.
Davis, T. B. & S. S., contrs., stone prod., Rock Island, Ill.
Davis, T. E., architect, Asheville, N. C.
Davis, Thos., & Sons, buttons, 375 Market, Newark, N. J.
Davis Trap Rock Works, stone producers, Parkway Bldg., Philadelphia, Pa.
Davis Tungsten Lamp Wks., 535 Van Vorst pl, Union Hill, N. J.
Davis, W. A., Contrg. Co., Joliet, Ill.
Davis, W. Benj., Brick Co., Richmond, Va.
Davis, W. G., Coal Co., masons' & bldrs.' matls., Oak Park, Ill.
Davis, W. M., & Son, brick, Common, Knoxville, Tenn.
Davis, W. S., architect, 321 W. 3d, Los Angeles, Cal.
Davis, W., & Sons, harness, saddles, mfrs., 333 Market, San Francisco, Cal.
Davis, W. T., & Co., machinists, Comstock, Mich.
Davis, W. W., glass stainers, 3922 Olive, St. Louis, Mo.
Davis Warehouse Co., Columbus, Ga.
Davis-Warner Arms Corp., gun, pistol & revolver mfrs., 96 Chambers, New York.
Davis-Watson Mfg. Co., flanges, flashings, roofs, Nashua, N. H.
Davis Welding & Mfg. Co., storage tanks, 1543 Queen City av, Cincinnati, Ohio.
Davis, Wm. A., Co., inks, mucilage, etc., 40 Batterymarch, Boston, Mass.
Davis, Wm. D., carriages, Lockport, N. Y.
Davis, Wm. E, & Co, brick, New Haven, Conn
Davis, Wm. F., Mach. Tool Co., Inc., 85 Liberty, New York.
Davis, Wm. T., architect, 813 14th, N. W., Washington, D. C.
Davis, Z. B., Corp., contractors, New Bedford, Mass.
Davisboro Fertilizer Co., Davisboro, Ga.
Davison, C. J., & Co., fertilizer mfrs., Woodville, Ga.
Davison Chemical Co., acid mfrs., Garrett Bldg., Baltimore, Md.
Davison Htg. & Cons. Co., Hanover, Pa.
Davison & Jones, contractors, Malden, Boston, Mass.
Davison, N. C., Co., gas engines, 3145 Penn, Pittsburgh, Pa.
Davison-Namack Fdry. Co., Ballston Spa, N. Y.
Davisson, O. J., machst. & fndr., Mechanicsville, Ia.
Davisson, R. R., Contracting Co., Monrovia, Cal.
Davitt Iron Fdry., Springfield, Mass.
Davock Building Co., Campau Bldg., Detroit, Mich.
Davol Mills, cotton sheetings, Fall River, Mass.
Davol Rubber Co., stationers' & druggists' rubber sundries, 69 Point, Providence, R. I.
Davy Automatic Fire Escape Co., Union Bldg., Syracuse, N. Y.
Davy & Co., wood handles, Evart, Mich.
Dawes Electric Sign Mfg. Co., Arrott Power Bldg., Pitts'bg., Pa.
Dawkins, W. H., Lumber Co., Ashland, Ky.
Dawson, A. N., architect, Kiam Bldg., Houston, Tex.
Dawson, Albert, corset laces, Pawtucket, R. I.
Dawson, Alex. A., contractor, Yonkers, N. Y.
Dawson & Archer, 15 E. 40th, New York.
Dawson, B. C., brick, Jefferson City, Mo.
Dawson, B. E., canned goods, Berkeley Springs, W. Va.
Dawson Binder Co., 216 N. Main, St. Louis, Mo.
Dawson Brick & Tile Co., Springfield, Ill.
Dawson Bros., contractors, 3638 Central av, Minneapolis, Minn.
Dawson Bros., contractors, Syracuse, N. Y.
Dawson Bros., fireplace furnishings mfrs., 523 N. Halsted, Chicago, Ill.
Dawson, Charles W., architect, Muskogee, Okla.
Dawson, Chas. W., machst. & fndr., Elwood, Ind.
Dawson Constr. Co., May Bldg., Pittsburgh, Pa.
Dawson Home Mixture Guano Co., Dawson, Ga.
Dawson, J. R., Mfg. Co., carpet & egg beaters, cork screws, etc., Fairhill Station, Philadelphia, Pa.
Dawson, M. C., brick, Rushville, Ind.
Dawson Mach. Co., Worcester, Mass.
Dawson Milling Co., flour, Dawson Springs, Ky.
Dawson, Richard, architect, Brunson Bldg., Columbus, Ohio.
Dawson, Wm. E., masons' & bldrs.' matls., Batavia, N. Y.
Day, B. T. & S. P., Co., varnish mfrs., 2394 Canal rd, Cleveland, Ohio.
Day, Beaner Wade, Esq., archit., Endicott Bldg., St. Paul, Minn.
Day, Bergwall Co., sweeping compounds, 121 Buffalo, Milwaukee, Wis.
Day Chemical Co., Westline, Pa.
Day, Clinton, architect, 14 Montgomery, San Francisco, Cal.
Day Co., mechanical dust collectors, 1004 Lyndale, Minneapolis, Minn.
Day, Dexter D., & Son, lime mfrs., Ira, Vt.
Day-Draper Co., architect, Buhl Bldg., Detroit, Mich.
Day, E. H., lbr. mfrs., Independence, La.
Day-Elder Motors Co., 161 Ogden, Newark, N. J.
Day & Frick, soap, 1760 N. Howard, Philadelphia, Pa.
Day, Geo. F., spark plugs, 21 Haverhill, Boston, Mass.
Day, H. L., Sons & Co., mattresses, Bangor, Me.
Day, H. P. & E., hard rubber, Seymour, Conn.
Day, Hiram, masons' & bldrs.' matls., Rensselaer, Ind.
Day & Holt Co., cornices, Catskill, N. Y.
Day, J., common brick, Paines, Mich.
Day, J H., Co., bakers', etc., machinery, 1184 Harrison av, Cincinnati, Ohio.
Day, J. Taylor, lumber, Hazel Green, Ky.
Day, Jas. B., & Co., lacquer & varnish mfrs., 214 W. Ohio, Chicago, Ill.
Day, John Bagley, architect, 1265 Broadway, New York.
Day, John W., & Son, contractors, Gloucester, Mass.
Day & Klauder, architects, 925 Chestnut, Philadelphia, Pa.
Day & Lee Co., cornices, 107 Water, New Haven, Conn.
Day Light Co., paint mfrs., 24 S. 7th, Philadelphia, Pa.
Day Lumber Co., Big Lake, Wash.
Day Lumber Co., Seattle, Wash.
Day Lumber & Coal Co., Jackson, Ky.
Day Mach. Co., dlrs., Buffalo, N. Y.
Day, N. Curtis, masons' & bldrs.' matls., Fletcher Sav. & Trust Bldg., Indianapolis, Ind.
Day, Robert L., architect, Huntington, W. Va.
Day Rubber Co., mill supplies, 415 N. 4th, St. Louis, Mo.
Day, S. A., Mfg. Co., metal polish & plating supplies, 1483 Niagara, Buffalo, N. Y.
Day, Stephen, & Son, contractors, New Albany, Ind.
Day, T. J., stone, Butler, Mo.
Day, T. L., Swing & Co., canned goods, Ridgely, Md.
Day, Thos., Co., elec., gas light fix. mfrs. & machsts. & fndrs., 725 Mission, San Francisco, Cal.
Day, W. J., screw machine products, Forestville, Conn.
Day, Warren W., architect, 527 Main, Peoria, Ill.
Day, Wm. M., lumber mfr., Salisburg, Md.
Day & Zimmerman, Inc., modernizing engineers, 611 Chestnut, Philadelphia, Pa.
Daydark Specialty Co., cameras, 2823 Benton, St. Louis, Mo.
Daykin Bros., machsts. & fndrs., 1606 W. 25th, Cleveland, Ohio.
Daylight Glass Mfg. Co., 411 Walnut, Philadelphia, Pa.
Days, F. A., & Sons, masons' & bldrs.' matls., Provincetown, Mass.
Dayton Aero Motors Co., Dayton, Ohio.
Dayton, Albert F., architect, 909 McColloch, Wheeling, W. Va.
Dayton Art Glass Wks., Dayton, Ohio.
Dayton Asphalt Roofing & Paving Co., Dayton, Ohio.
Dayton Beater & Hoist Co., engines, bedplates, etc., Dayton, Ohio.
Dayton Body Co., Dayton, Ohio.
Dayton Brass Castings Co., founders, Dayton, Ohio.
Dayton Bronze Bearing Co., machinists, Dayton, Ohio.
Dayton Builders' Supply Co., Dayton, Ohio.
Dayton Car Wrench Co., 15 S. Brown, Dayton, Ohio.
Dayton Casket Co., Dayton, Ohio.
Dayton Castings Co., machsts. & fndrs., Dayton, Ohio.
Dayton D., Handle Co., Dayton, Ohio.
Dayton, Dick, Co., engines, pumps, etc., Quincy, Ill.
Dayton Elec. Car Co., stor. battery trucks, Dayton, Ohio.
Dayton Electrical Mfg. Co., dynamos, motors, etc., Dayton, Ohio.
Dayton Engine Wks., Dayton, Ohio.
Dayton Engineering Laboratories Co., automobile self-starters, Dayton, Ohio.
Dayton Fan & Motor Co., Dayton, Ohio.
Dayton Fare Recorder Co., registers, Dayton, Ohio.
Dayton Folding Box Co., 2727 Spring Grove av, Cincinnati, O.
Dayton Friction Toy Wks., Dayton, Ohio.
Dayton Globe Iron Works Co., Dayton, Ohio.
Dayton Glove Co., 11 St. Marys, Dayton, Ohio.
Dayton Grinding Wheel Co., emery wheel mfrs., Dayton, Ohio.
Dayton Hardware & Machy. Co., 1st & Taylor, Portland, Ore.
Dayton Iron & Metal Co., scrap iron & rubber, Dayton, Ohio.
Dayton Iron & Steel Co., Dayton, Ohio.
Dayton Last Wks., shoe lasts, Dayton, Ohio.
Dayton Lbr. & Mfg. Co., Dayton, Ohio.
Dayton Mach. Products Co., dies, tools, etc., Dayton, Ohio.
Dayton Malleable Iron Co., castings, Dayton, Ohio.
Dayton Mfg. Co., railway supplies, etc., Dayton, Ohio.
Dayton Metal Products Co., screw machine products, Dayton, O.
Dayton Milling Co., flour, Dayton, Tenn.
Dayton Milling Co., rye flour, Towanda, Pa.
Dayton-Montague Granite Wks., stone producers, Mason City, Ia.
Dayton & Montgomery, htg. contrs., 9 Lafayette, Brooklyn, N. Y.
Dayton Motor Truck Co., Dayton, Ohio.

Dayton Paper Nov. Co., wood dishes, Dayton, Ohio.
Dayton Pipe Coupling Co., Dayton, Ohio.
Dayton Pitless Scale Co., Dayton, Ohio.
Dayton Plating & Mfg. Co., Dayton, Ohio.
Dayton Pneumatic Tool Co., Dayton, Ohio.
Dayton Pump & Mfg. Co., Dayton, Ohio.
Dayton Reliance Tool & Mfg. Co., Dayton, Ohio.
Dyyton Rubber Mfg. Co., 991 Kiser, Dayton, Ohio.
Dayton Screw Co., Dayton, Ohio.
Dayton & Smith, architects, Perth Amboy, N. J.
Dayton Specialty Mach. Co., Dayton, Ohio.
Doyton Steel Constr. Co., Howell & Wilbur, Dayton, Ohio.
Dayton Steel Foundry Co., Dayton, Ohio.
Dayton Stencil Wks., Dayton Ohio.
Dayton Supply Co., plumbers' supplies—jobbers, Dayton, Ohio.
Dayton Toy & Specialty Co., poultry fountains, Dayton, Ohio.
Dayton, W. B., & Son, htg. contrs., 291 Schermerhorn, Brooklyn, N. Y.
Dayton Washington Mach. Motor Co., Dayton, Ohio.
Dayton Welding & Mfg. Co., clothes washing machines, Dayton, Ohio.
Dayton, Wm. H., machst. & fndr., North Harpersfield, N. Y.
Dayton, Wm. H., disinfectants, 4108 E. 100th, Cleveland, Ohio.
Dayton Wire Wheel Co., airplane wheels, Dayton, Ohio.
Daytons' Soap Mfg. Co., Millville, N. J.
Dazey Churn Mfg. Co., 4301 Warne, St. Louis, Mo.
D. & B. Pump & Supply Co., Los Angeles, Cal.
D. C. Mfg. Co., supply and waste (bath), Canton, Ohio.
D. & D. Electric Co., electric controllers, mfrs., 53 W 3d, New York.
Deacon & Alger, architects, James Bldg., Chattanooga, Tenn.
Deacon Bros., granite, S. Quincy, Quincy, Mass.
Deacon, D. cornices & skylights, Stoughton, Mass.
Deacon, J. C., & Co., lumber mfrs., Loomis S. of 22d, Chicago, Ill.
Deacon, Walter, & Co., granite, S. Quincy, Quincy, Mass.
Deacy, Wm. H., architect, 509 5th av, New York.
Deadwyler, A. B., fertilizer, Commerce, Ga.
Deady, P. F., cornices, Terre Haute, Ind.
Deakins, Herbert, contractor, 2311 Palm Beach, Pittsburgh, Pa.
Deal Buggy Co., carriages, Jonesville, Mich.
Deal & Ginzel, architects, Lincoln, Ill.
Deal Island Packing Co., canned goods, Deal Island, Md.
Deal, L. K., Lumber Co., Des Moines, Ia.
Dealano, E. A., Co., machinists, 1401 W. North, Chicago, Ill.
Dealers Elec. Light Co., 2901 Indiana av, Chicago, Ill.
Dealers Record Co., trade publications, 1827 Prairie av, Chicago, Ill.
Dealers Steam Packing Co., Palmyra, N. Y.
Deamude Machine Co., machsts. & fndrs., 1591 Columbus rd, Cleveland, Ohio.
Dean, Arthur D., architect, 4611 Main av, Norwood, Cincinnati, Ohio.
Dean & Barry Co., paint mfrs., Locust, Columbus, Ohio.
Dean & Blake, htg. contractors, 668 Fulton, Brooklyn, N. Y.
Dean Bros. Steam Pump Works, 327 W. 10th, Indianapolis, Ind.
Dean, C. P., Corp., store fixtures, Richmond, Va.
Dean, Chas. A., motor boat, launch & yacht bldrs., Alexandria, Va.
Dean Constr. Co., 491 10th, San Francisco, Cal.
Dean, Danford W., contractor, Olean, N. Y.
Dean & Dean, architects, 137 S. La Salle, Chicago, Ill.
Dean, E. Clarence, architect, 2 W. 47th, New York.
Dean, Edw. C., architect, 1211 Conn. av, N. W., Washington, D. C.
Dean, Edw., Co., architects, 2 W. 47th, New York.
Dean, Ellsworth, architect, 331 4th av, Pittsburgh, Pa.
Dean, F. W., mill engrs., 53 State, Boston, Mass.
Dean Forging Co., Muncie, Ind.
Dean, H. C., cornices & skylights, Vassar, Mich.
Dean, Harry, architect, 1035 Curtis av, Richmond Hill, N. Y.
Dean, Jno. M., Corp., talking machine needles, pins, Putnam, Conn.
Dean, Levi J., architect, Huntington, W. Va.
Dean Lbr. & Fuel Co., Spokane, Wash.
Dean Mill Co., flour, Ava, Ill.
Dean, O. J., architect, Huntington, Pa.
Dean, O. J., & Co., elec. ventilating app., Assn. Bldg., Chicago, Ill.
Dean, O. M., & Sons, corn brooms & steel wire brushes, Worcester, Mass.
Dean Reversible Window Co., 551 Brannan, San Francisco, Cal.
Dean, Ruth, landscape architect, 4 W. 40th, New York.
Dean, Silas, & Son, rye & buckwheat flour, Oak Hill, N. Y.
Dean Steam Pump Co., machsts. & fndrs., Holyoke, Mass.
Dean, W. J., architect, Merchants Bk. Bldg., Indianapolis, Ind.
Dean, W. J., contractor, 1861 10th, E., Salt Lake City, Utah.
Dean, Walter R., hot air furnaces, Oakham, Mass.
Deane, A. M., & Co., granite, S. Quincy, Quincy, Mass.
Deane, E. L., Machine Co., water filters, T squares, Holyoke, Mass.
Deane Mach. Co., Fitchburg, Mass.
Dearborn Brass Co., Cedar Rapids, Ia.
Dearborn Canning Co., Dearborn, Mo.
Dearborn Chemical Co., 332 S. Michigan av, Chicago, Ill.
Dearborn Construction Co., Waterloo, Ia.
Dearborn Cut Stone Co., 6100 Lafayette av, Chicago, Ill.
Dearborn Duster Co., 550 W. Harrison, Chicago, Ill
Dearborn Desk Mfg. Co., Marion, Ind.
Dearborn Foundry Co., manhole covers, crestings & finials, 1922 Archer av, Chicago, Ill.
Dearborn, H., & Sons, stone producers, Stone City, Ia.
Dearborn Mach. Wks., 410 S. Dearborn, Chicago, Ill.
Dearborn Motor Truck Co., 1250 S. Campbell av, Chicago, Ill.
Dearhammer, A. L., contractor, Beloit, Wis.
Dearking, E. L., cornices, 1663 Iliff av, Cincinnati, Ohio.
Dearinger & Brunner, lumber, Addy, Wash.
De Arment, Carl, brick, Petoskey, Mich.
De Arment, Frank H., architect, 343 S. Dearborn, Chicago, Ill.
De Armond, Ashmead & Bickley, architects, 618 Chestnut, Philadelphia, Pa.
Deatherage, Ben. S., Lumber Co., 403 R. A. Long Bldg., Kansas City, Mo.
Deatherage Lbr. Co., sash, door & blind mfrs., 403 R. A. Long Bldg., Kansas City, Mo.
Deaton, G. H., & Co., advtg. nov., 171 N. Green, Chicago, Ill.
Deats, Emley H., lbr., Pittstown, N. J.
Deats, Hiram, Jr., rollers—land & field, Pittstown, N. J.
Devitt-Clark Packing Co., canned goods, Biloxi, Miss.
Deavitt, H. M., chemist, 209 S. La Salle, Chicago, Ill.
De Bar Co., oils, varnish, bronzing liquids, 1 State, New York.
De Beer, Jacob, baseball mfrs., Johnstown, N. Y.
Debevoise-Anderson Co., pig iron, coke, ores, 56 Liberty, New York.
Debevoise Co., paint mfrs., 968 Grand av, Brooklyn, N. Y.
Debo Canning Co., Moneta, Va.
Debo & McLain Canning Co., Goodview, Va.
De Bobula, Titus, architect, 10 E. 43d, New York.
de Brauwere, Victor F. V., architect, Plymouth Bldg., Minneapolis, Minn.
Debrook Co., chemical dealers, 15 Park Row, New York.
Debs, Chas. H., Co., elec. light fix. mfrs., 170 W. Randolph, Chicago, Ill.
Debus, Wm., architect, 86 Cedar, Brooklyn, N. Y.
De Busk, John, flour mills, Glade Springs, Va.
De Buys, Rathbone, architect, Hibernia Bldg., New Orleans, La.
De Bruycker, August, chimney tops, 171 7th av, Brooklyn, N. Y.
Decalcomania Co., transfer ornaments, 20 W. Jackson blvd., Chicago, Ill.
De Camp, Benj. C., architect, Neave Bldg., Cincinnati, Ohio.
De Camp, Lee, architect, Empress Theatre Bldg., Grand Rapids, Mich.
De Camp & Sloan Mfg. Co., contractors, 420 Ogden, Newark, N. J.
Decarbonated Lime & Stone Co., Waynesboro, Pa.
Decarie Incinerator Co., garbage disposal plants, McKnight Bldg., Minneapolis, Minn.
Decatur Brick Mfg. Co., Decatur, Ill.
Decatur Brick & Tile Co., Albany, Ala.
Decatur Bridge Co., steel struct. wk., Decatur, Ill.
Decatur Bldrs. Supply Co., masons' & bldrs.' matls., Decatur, Ill.
Decatur Car Wheel Co., machsts. & fndrs., Savannah, Ga.
Decatur Coffin Co., Decatur, Ill.
Decatur Cornice & Roofing Co., New Decatur, Ala.
Decatur Cornice & Roofing Co., Decatur, Ill.
Decatur Const. Co., contrs., Decatur, Ill.
Decatur Fertilizer Co., Decatur, Ala.
Decatur Fertilizer Co., Decatur, Ind.
Decatur Fdry. Co., Decatur, Ill.
Decatur Fdry., Furnace & Mach. Co., Decatur, Ind.
Decatur Fountain Co., Decatur, Ill.
Decatur Hoop & Lumber Co., Decatur, Mich.
Decatur & Hopkins Co., whol. hdwe., 120 High, Boston, Mass.
Decatur Lbr. & Mfg. Co., masons' & bldrs.' matls., Decatur, Ill.
Decatur Malleable Iron Co., castings, Decatur, Ill.
Decatur Mfg. Co., wire fences & gates, Decatur, Ill.
Decatur Specialty Co., flue cleaners, Decatur, Ill.
Decatur Trunk Facty., Decatur, Ill.
Dececo Co., plumbers' supplies—jobbers, 157 High, Boston, Mass.
Decherd Mill Co., flour, Decherd, Tenn.
Deck Bros., machsts., Buffalo, N. Y.
Deckebach, F. C., Sons Co., fndrs., 123 W. Court, Cincinnati, O.
Decker, Adam, Hardware Co., 347 Jackson, St. Paul, Minn.
Decker Bros. Co., pianos, 1223 Miller, Chicago, Ill.
Decker, C. E., architect, 520 East, San Diego, Cal.
Decker, C. F., masons' & bldrs.' matls., Vermilion, Ohio.
Decker Co., billiard tables, 62 Cooper sq., New York.
Decker, E. S., sash, door & blind mfrs., Springfield, Mass.
Decker, E. F., saw works, Albany, N. Y.
Decker, Fred'k, & Son, contractors, 1209 E. Biddle, Balto., Md.
Decker, Harry M., architect, 609 B'way, Utica, N. Y.
Decker, J. L., architect, Stambaugh Bldg., Youngtown, Ohio.
Decker, Jacob E., & Sons, meat packers, Mason City, Ia.
Decker, John, & Son, cornices, 2704 Girard av, Philadelphia, Pa.
Decker, Louis, cornices, La Porte, Ind.
Decker Mfg. Co., hog ringers, hardware, Keokuk, Iowa.
Decker Mfg. Co., self-heating soldering irons, gasoline blow torches, 251 Elm, Newark, N. J.
Decker, O. S., & Co., rolled steel floor plates, House Bldg., Pittsburgh, Pa.
Decker, R. A., architect, Rhinebeck, N. Y.
Decker & Son, pianos, 701 E. 135th, New York.
Deckert, W. D., Co., mill & facty. supplies, Dubuque, Ia.
Deckman-Duty Brick Co., Swetland Bldg., Cleveland, Ohio.
Decorative Art Glass Co., Davenport, Ia.

Decorative Glass Co., 3248 Chestnut, Philadelphia, Pa.
Decorative Stained Glass Co., 312 W. 34th, New York.
Decorative Stone Co., artificial bldg. stone, New Haven, Conn.
Decorators Supply Co., architectural decorators, models, supplies, etc., Archer & Leo, Chicago, Ill.
De Coster, Mills & Co., contractors, Morristown, N. J.
De Cou, Richard, Co., scrap iron, 12th & Noble, Philadelphia, Pa.
DeCourcy, A. B., & Co., organs, 634 Harrison av, Boston, Mass.
De Croupot Iron Wks., fndrs., 345 Monroe av, Detroit, Mich.
De Curtins, Andrew, architect, Lima, Ohio.
Deddens, Wm., Dist. Co., 223 W. 6th, Cincinnati, Ohio.
Dederichs, Peter, archt., Chamber of Com. Bldg., Detroit, Mich.
Dederick, A. E., contractor, Kingston, N. Y.
Dedham Pottery Co., Dedham, Mass.
De Dion-Bouton Auto Co., 110 W. 54th, New York.
Dedrick, N., machsts., Manitowoc, Wis.
Dedrick & Piner, architects, Billings, Mont.
Dee, Thos. J., & Co., smelters & refiners, 5 S. Wabash av, Chicago, Ill.
Dee, Wm. E., Co., castings, sewer pipes, gratings, etc., 30 N. La Salle, Chicago, Ill.
Deed, Wm. J., Jr., naval archt., 112 Water, Boston, Mass.
Deegan, E. J., Mfg. Co., The, damper regulators, 756 Whitlock av, New York.
Deeken, John Henri, archt., Trust Central Bldg., Cincinnati, O.
Deeks, Deeks & Smith, bldg., contrs., Exchange Bank Bldg., St. Paul, Minn.
Deeley, Robt., & Co., mach. dealer, 29 B'way, New York.
Deem, E. A., lbr., Dayton, Ohio.
Deemer Steel Casting Co., New Castle, Del.
Deen, C. Clarence, flour mills, Fowling Creek, Md.
Deen Loom Co., machsts. & fndrs., Harlan, Ia.
Deen Turpentine Co., Loughman, Fla.
Deep Cove Mfg. Co., fertilizer mfrs., Eastport, Me.
Deep River Brick & Tile Co., Deep River, Ia.
Deer, A. J. Co., machsts., Hornell, N. Y.
Deere & Co., agricultural implements, Moline, Ill.
Deere, John, Harvester Wks., binders, mowers, etc., East Moline, Ill.
Deere, John, Plow Co., silos, 130 Hickory, Kansas City, Mo.
Deere, John, Plow Co., wagons, 2204 B'way, N. St. Louis, Mo.
Deere, John, Plow Works, agricultural implements, Moline, Ill.
Deere, John, Wagon Works, Moline, Ill.
Deere Co., machsts. & fndrs., planters, drills, etc., Moline, Ill.
Deerfield Lumber Corp., Wilmington, Vt.
Deering, G. G., & Co., ship bldrs., Bath, Me.
Deering, J. G., & Son, packing box mfrs., Biddeford, Me.
Deering, R. A., & Son, cornices & skylights, Newport, Me.
Deering Wks., mchts., fndrs., 1734 Fullerton av, Chicago, Ill.
Deery, John Jerome, architect, Land Title Bldg., Phila., Pa.
Deeter, Isaac, brick, Pleasant Hill, Ohio.
Deetz & Co., cornices, Duluth, Minn.
Deeves, G. H., Lbr. Co., ties, poles, etc., Ry. Ecxh., Chicago, Ill.
Deeves, J. H., & Bro., contractors, 103 Park av, New York.
Deeves, Richard, & Son, contractors, 309 B'way, New York.
Defender Automatic Regulator Co., Oriel Bldg., St. Louis, Mo.
Defender Photo Supply Co., Rochester, N. Y.
Defendorf, Chas. J., bldg. contr., Auburn, N. Y.
De Fi Mfg. Co., carbon paper, etc., 150 Nassau, New York.
Defiance Box Co., Defiance, Ohio.
Defiance Button Mach. Co., 43 W. 24th, New York.
Defiance Carriage Co., Defiance, Ohio.
Defiance Checkwriter Corp., Rochester, N. Y.
Defiance Glove & Mitten Works Co., Defiance, Ohio.
Defiance Lantern & Stamping Co., 15 Caledonia av, Rochester, N. Y.
Defiance Lumber Co., Tacoma, Wash.
Defiance Machine Works, Woodworking, Defiance, Ohio.
Defiance Mfg. Co., blue & black prints, check protectors, drawing materials, etc., 22 E. 41st, New York.
Defiance Paper Co., Niagara Falls, N. Y.
Defiance Pressed Steel Co., machsts., Defiance, Ohio.
Defiance Screw Machine Products Co., Defiance, Ohio.
Defiance Starch Co., Omaha, Neb.
Defiance Welding Co., machsts., Defiance, Ohio.
De Foe Boat & Motor Wks., Bay City, Mich.
Deford Co., lthr. belt butts, 42 S. Calvert, Baltimore, Md.
De Forest, Alling, architect, Sibley Bldg., Rochester, N. Y.
De Forest, E. G., architect, 280 Madison av, New York.
De Forest & Hotchkiss Co., lbr. mfrs., 115 Water, New Haven, Conn.
De Forest Radio Telephone & Tel. Co., 1391 Sedgwick av, New York.
De Forest Sheet & Tin Plate Co., The, Niles, Ohio.
See adv. index at end of book.
De Forge, L. M., mill & facty. supplies, 83 Hixon pl, Newark, N. J.
De Frain Sand Co., Beach & Berks, Philadelphia, Pa.
Defrees, C. H., masons' & bldrs. matls., contractor, South Bend, Ind.
De Frehn, W. & Sons, revolving chairs, Johnstown, Pa.
Defreville, J., castings, 142 McWhorter, Newark, N. J.
De Garmo, Walter C., architect, Miami, Fla.
Degen, L. P., Belting Co., 258 Mission, San Francisco, Cal.
Degenhart & Co., cornices, 1910 Niagara, Buffalo, N. Y.
De Gerdsdorff, Geo. B., architect, 103 Park av, New York.
Degnon Contracting Co., 68 Hunters Pt. av, Long Isl. City, N. Y.
De Golyer, Robt. S., architect, 122 S. Michigan av, Chicago, Ill.
De Golyer Varnish Wks., Troy, N. Y.
De Gouvela, Jos., contractor, Jacksonville, Ill.
De Graff Canning Co., De Graff, Ohio.
De Grasse Paper Co., Pyrites, N. Y.
De Grauw, Aymer & Co., cordage mfrs., boat oars, 34 South, New York.
De Groot, Wm. E., contractor, Bristol, Pa.
De Guere, L. A., architect, Grand Rapids, Wis.
De Haas, N. G., lumber, masons' & bldrs.' matls., Marquette, Mich.
De Hammel Construction Co., Swetland Bldg., Cleveland, Ohio.
De Hart, I. C., & Co., lbr. mfrs., Hartville, Va.
De Hart, I. N., & Son, sash, door & blind, Nashville, Tenn.
De Hart, John, architect, 1039 Fox, New York.
De Haven, B. F., flour mills, Gainsboro, Va.
De Haven Mfg. Co., bands, box straps, pail clasps, bale ties, box & crate fasteners, etc., 50 Columbia Hgts., B'klyn, N. Y.
De Hertogh, Ruckaberle & Co., architects, 25 W. 42d, New York.
Dehli, Arne, architect, 257 B'way, New York.
Dehls & Stein, Inc., chemical boiler compounds, etc., 239 South, Newark, N. J.
Dehner & Wershey, cornices, Lincoln, Ill.
De Hoff, H. E., architect, 48 S. 61st, Philadelphia, Pa.
Deible, H. C., carriages, Reynoldsville, Pa.
Deibler, Geo. H., contractor, McAlester, Okla.
Deil, Louis E., architect, 1133 Broadway, New York.
Deily & Fowler Mfg. Co., gas holders, 39 Laurel, Phila., Pa.
Deily, G. B. F., masons' & bldrs.' matls., Catasauqua, Pa.
Deinzer Mfg. Co., spring beds, mattresses, 57 Catherine, Detroit, Mich.
Deisher, J. S., canned goods, Fincastle, Va.
Deisler, J. G., contractor, 105 W. 40th, New York.
Deissler, P. & Bro., metal casements, etc., 249 S. 6th, Phila., Pa.
Deister Concentrator Co., Ft. Wayne, Ind.
Deister Machine Co., machsts., Ft. Wayne, Ind.
Deitering, Chas. H., architect, Central Nat'l Bk. Bldg., St. Louis, Mo.
Deitrich, C. F., hay carriers, Bryan, Ohio.
Deitrich, Wm. H., contractor, Danville, Va.
Deitsch Bros., traveling bags, 14 E. 17th, New York.
Deitz, Alonzo E., locks, 73 Clymer, Brooklyn, N. Y.
De Jarnette & Carver, architects, Hubbell Bldg., Des Moines, Ia.
De Jong, Chas., Bldg. Co., Paterson, N. J.
Dejonge, Louis, Co., fly catchers, 71 Duane, New York.
De Jute, Jas., contractor, Youngstown, Ohio.
De Kalb Mfg. Co., automobile bldrs., Auburn, Ind.
De Kalb, W. M., architect, James Bldg., Chattanooga, Tenn.
De Kalb Wagon Co., De Kalb, Ill.
De Kam, Peter J., architect, Kalamazoo, Mich.
Deknatel, J. A., & Son, scientific instrument jewels, 8 Heyward, Brooklyn, N. Y.
DELACOUR-ART GLASS WORKS, glass stainers, 10th & Webster, Oakland, Cal.
Delacour, Wm., glass stainer, Oakland, Cal.
De Lacroix, Louis, contractor, 2826 Vine, Cincinnati, Ohio.
De Lacy, E. J., contractor, 638 G, N. W., Washington, D. C.
Delahunty Dyeing Mach. Co., tex. machy., Pittston, Pa.
De Laittre-Dixon Lumber Co., 1301 20th av, N., Minneapolis, Minn.
Delamater Hardware Co., 8 Woodward av, Detroit, Mich.
De Lancey, Edw., sashes, doors & blinds, Lancaster, Ohio.
Delaney, Dan'l, & Son, auto. springs, etc., Hamilton, Newark, N. J.
Delaney, Edw. D., fndrs., Belleville, N. J.
De Laney Forge & Iron Co., 300 Perry, Buffalo, N. Y.
Delaney, J. P., contractor, Sea Isle City, N. J.
Delaney, M. B., tubular boilers, Hudson, N. Y.
Delaney Oil Co., 47 3d, Milwaukee, Wis.
De Laney, Thos. M., plumbers' supplies—jobbers, 576 Atlantic av, Brooklyn, N. Y.
Delaney, Wm., buttons, 79 Orange, Newark, N. J.
Delano & Aldrich, architects, 126 E. 38th, New York.
De Lano Bros., cornices & skylights, 70 Spear, San Fran., Cal.
Delano, C. F., cornices & skylights, Fairhaven, Mass.
Delano Granite Co., Rocklin, Ca.
Delanoy, F. W., machinist, Alameda, Cal.
Delany & Co., glue mfrs., 209 N. 3d, Philadelphia, Pa.
Delany, P. & Co., tubular boilers, steel stacks & tanks, Newburgh, N. Y.
Delaplane, C. C., flour mills, Delaplane, Va.
Delapierre, Arthur, Inc., tool handles, 19 Warren, New York.
Delarue, Robt., & Co., flint pebbles, 149 B'way, New York.
Delatour, A. J., lbr., 176 Cherry, New York.
Delatte & Lagrange, contractors, Lake Charles, La.
Delatush, Henry, Co., contrs., 562 Newark av, Jersey City, N. J.
Delatush, J. C., & G. A., architects, Red Bank, N. J.
De Laval Dairy Supply Co., cream saparators, 61 Beale, San Francisco, Cal.
De Laval Separator Co., 165 B'way, New York.
De Laval Steam Turbine Co., E. Trenton, N. J.
See adv index at end of book.
De La Vergne Machine Co., oil engine blrs., ft. E. 138th, New York.
Del. Brass & Aluminum Co., Muncie, Ind.

Delaware Bridge Co., Delaware, Ohio.
Delaware Clay Mfg. Co., drain tile, Delaware, Ohio.
Delaware Coll., engng. schools & coll., Newark, Del.
Delaware Elec. & Supply Co., mill, plumbers', steam fitters' supplies, etc., 213 Shipley, Wilmington, Del.
Del. Fertilizer Co., Dover, Del.
Del. Fdry. & Mach. Co., Delaware, Ohio.
Del. Granite & Mining Co., stone producers, 14th & Pine, Wilmington, Del.
Delaware Hard Fibre Co., Wilmington, Del.
See adv index at end of book.
Delaware Hardware Co., 2d & Shipley, Wilmington, Del.
Delaware Marine Mfg. Co., hdwe. mfrs., B. & O. R. R. & Conrd., Wilmington, Del.
Del. Metal Culv. Co., Clayton, Del.
Delaware Metal Refinery, babbit metal, testing scales, spelter, etc., Washington & 18th, Philadelphia, Pa.
Delaware River Quarry & Construction Co., 26 Exchange pl, Lambertville, & Jersey City, N. J.
Delaware River Steel Co., blast furnaces, Chester, Pa.
Delaware Sash Weight Co., Wilmington, Del.
Delaware Seamless Tube Co., Auburn, Pa.
Delaware Terra Cotta Co., brick, 819 Shipley, Wilmington, Del.
Delcampe Welding Co., Bridgeport, Conn.
Del Carlo, C., contractor, Norwich, Conn.
Delehanty, Andrew L., architect, 61 State, Albany, N. Y.
Delehanty, Bradley, architect, 2 W. 45th, New York.
Delelaar, M., Son & Co., brick, 153 Pryor av, Milwaukee, Wis.
Delevan Mfg. Co., roofing cements, compounds & paints, etc., 65 Delevan, Brooklyn, N. Y.
Delgado, J., Mfg. Co., canned goods, Dallas, Tex.
Delgado Mills, tickings, Wilmington, N. C.
Del Gaudio, M. W., architect, Webster & Tremont avs, New York.
Del Giudice, A., & Son, granite, 703 Atwells av, Providence, R. I.
Del Guercio, A., architect, 222 Washington, Newark, N. J.
Delight Lumber Co., Delight, Ark.
De Lion, Carl H., architect, 200 Montague, Brooklyn, N. Y.
Delisle, Adrien, architect, Levy Bldg., Houston, Tex.
De Lisle & Cooper, contractors, Campau Bldg., Detroit, Mich.
Del Isle, S. G., wooden columns, 337 Carondelet, New Orleans, La.
Del'Isle, Sidney G., architect, 337 Carondelet, New Orleans, La.
Delk, Edwd. Buehler, architect, 34 S. 17th, Philadelphia, Pa.
Delker Bros. Buggy Co., Henderson, Ky.
Delker, Geo., Co., carriages, Henderson, Ky.
Dell, Emerson C., architect, 65 Monticello av, Buffalo, N. Y.
Dell, Frank M., masons' & bldrs.' matls., S. E. cor. Cruse & Southeastern av, Indianapolis, Ind.
Dell, John C., & Son, counter scales, 422 Vine, Philadelphia, Pa.
Dellenbarger, C. E., mchsts., 1608 W. Lake, Chicago, Ill.
Dellinger, A. M., agricultural implements, Lancaster, Pa.
Dellinger, Edward, contractor, Batavia, N. Y.
Dells Paper & Pulp Co., Eau Claire, Wis.
Delmonico Bros. Co., contractors, Syracuse, N. Y.
Delmonto Paving Co., 1537 Fillmore av, Buffalo, N. Y.
De Loach Mill Mfg. Co., mill & facty. supplies, Bridgeport, Ala.
De Long, G. T., canned goods, Lithia, Va.
De Long Hook & Eye Co., Broad & Wallace, Philadelphia, Pa.
De Long Machinery Co., Morrillton, Ark.
De Long & Son, wholesale hrwe., Glens Falls, N. Y.
De Long, Wallace W., architect, Appleton, Wis.
De Longchamps, F. J., architect, Reno, Nevada.
Delowry, Thos. A., contractor, Waterbury, Conn.
Delp, Jacob, contractor, Bloomfield, N. J.
Delphi Lime Co., Delphi, Ind.
Delphi Straw Board Co., Delphi, Ind.
Delphos Bending Co., Delphos, Ohio.
Delphos Foundry, Delphos, Ohio.
Delphos Mfg. Co., cans, tanks, etc., First & Pierce, Delphos, O.
Delphos Printing Press Co., Delphos, Ohio.
Delta Chemical Co., Wells, Mich.
Delta Co., advtg. spec., 629-631 Main, Osage, Ia.
Delta Elec. Co., elec. lamp flashlights, Marion, Ind.
Delta File Works, 3231 Frankford, Philadelphia, Pa.
Delta Hardware Co., Escanaba, Mich.
Delta Mfg. Co., spark plugs, Bloomfield, N. J.
Delta Oil Co., Greenville, Miss.
Delta-Star Electric Co., electrical appliances, 2437 Fulton, Chicago, Ill.
Delta Stave Co. (Ltd.), cooperage stock, Lanesville, La.
Deltox Grass Rug Co., Oshkosh, Wis.
De Man Bros. Co., sash, door & blind mfrs., 416 Maybury av, Detroit, Mich.
Demar, Edward, architect, Sault Saint Marie, Mich.
De Marce, A., machst. & fndr., Texarkana, Tex.
Demarest, A. T., & Co., carriages, New Haven, Conn.
Demarest, Chas. H., bamboo, cutch., 150 Water, New York.
Demarest, Edwin, masons' & bldrs.' matls., Tenafly, N. J.
Demarest Heater Co., Springfield, Mass.
De Martini, Paul F., architect, 2123 Powell, San Francisco, Cal.
Demattel, L. & Co., contractors, 8 Avery, San Francisco, Cal.
De Matteo M., contractor, 146 Dudley, Roslindale, Boston, Mass.
De Mattia Bros., machsts., Garfield, N. J.
Dement Bros. Co., flour mills, Walla Walla, Wash.
Demeritt Co., canned goods, Waterbury, Vt.
Demers, Joseph C., contractors, Manchester, N. H.
De Mers, Magloir, machinist, Toledo, Ohio.
Demers & Mosley, architects, Union Natl. Bk. Bldg., Troy, N. Y.
De Michiel, John, & Bros., contractors, Torrington, Conn.
De Milt, H. R., Co., tin plate, 238 Water, New York.
Deming Apparatus Co., sugar machinery, 30 Church, New York.
Deming Co. (The), hand & power pumps, working heads, cylinders, etc, Salem, Ohio. *See adv index at end of book.*
Deming Hardware Co., Montpelier, Vt.
Deming & Thompson Co., sashes, doors & blinds, Frankfort, Ind.
Demmer, Chas., cornices & skylights, Santa Rosa, Cal.
Demmerle & Co., goggles & eye protectors, 45 W. 25th, New York.
Demmler Bros Co., wholesale hdwe., 109 Ross, Pittsburgh, Pa.
Demmler & Schenck Co., steel tables, 434 Penn av, Pittsbgh, Pa.
Demmler, Wm. & Bro., machsts., Kewanee, Ill.
DeMoney, Frank O., architect, 5 N. La Salle, Chicago, Ill.
Demoorjian, H. S., architect, 340 Main, Worcester, Mass.
De Mooy Machine Co., drilling machines, 706 Frankfort av, Cleveland, Ohio.
Demopolis Auto & Machine Co., Demopolis, Ala.
Demorest Foundry & Machine Works, Demorest, Ga.
Demorest Mfg. Co., concrete mixers, Enid, Okla.
De Maulin Bros, Co., badges & buttons, Greenville, Ill.
Demourelle, Jas., & Sons, masons' & bldrs.' matls., 1035 Tolouse, New Orleans, La.
Dempcy-Degener Co., coal chutes & pockets, 307 4th av, Pittsburgh, Pa.
Dempsey, Chas. J., contractor, 218 E. 87th, New York.
Dempsey & Hardy, contrs., Princeton, N. J.
Dempsey, Jno. F., & Co., machsts., Lynn, Mass.
Dempsey Lbr. Co., Johnstown, Pa.
Dempsey Lumber Co., Tacoma, Wash.
Dempsey, Michael J., machsts. & fndrs., 548 W. 55th, New York.
Dempsey, W. J., contractor, 103 Park av, New York.
Dempster, Jas., machsts., Knoxville, Tenn.
Dempster Mfg. & Supply Co., Des Moines, Ia.
Dempster Mill Mfg. Co., steel tanks, & agricultural implements, Beatrice, Neb.
Dempster & Son, masons' & bldrs.' matls., Merchants Exch. Bldg., San Francisco, Cal.
Dempwolf, C. H., & Co., fertilizer machy., York, Pa.
Dempwolf, J. A., architect, York, Pa.
Dempwolf, Reinhardt, architect, York, Pa.
Demster, W. R., machinists, 1316 Oak, Kansas City, Mo.
De Mueron, Francis A., architect, 31 E. 27th, New York.
Demuth Glass Mfg. Co., bottles & tubing, Gardner av, Brooklyn, N. Y.
De Muth, W., & Co., smoking pipes, 230 5th av, New York.
Denault, Moses, & T. Arthur, masons' & bldrs.' matls., New Bedford, Mass.
Denburger, H., contractor, Bethlehem, Pa.
Denby Motor Truck Co., Holbrook av, Detroit, Mich.
Denby & Nute, architects, 333 4th av., New York.
Dendinger, Theo., lumber, Madisonville, La.
Dengel, F. R., Mfg. Co., plumbers' supplies, 336 4th, Milwaukee, Wis.
Denger Bros., masons' & bldrs.' matls., Davenport, Ia.
Denholm & Co., contractor, 622 E. McMillan, Cincinnati, Ohio.
Denholm, J. M., Bros. & Co., meat packers, 5th & Frankstown avs, Pittsburgh, Pa.
Denick, Edwin V., architect, House Bldg., Pittsburgh, Pa.
Denier's Son, plate glass mirrors, 17 Crosby, New York.
Denie's, Jno. A., & Sons Co., lime, Memphis, Tenn.
Denio General Elec. Co., fire alarms, Rochester, N. Y.
Denio, P. T., & C. E., butter tubs, Hyde Park, Vt.
Denison & Coerper, lumber, Hartford, Wis.
Denison Cotton Mill Co., Denison, Tex.
Denison Lumber Co., Hagerstown, Md.
Denison Mattress Facty., Denison, Tex.
Denison & Pilkington, contrs., Oakland, Cal.
Denison Univ., engng. school & coll., Granville, Ohio.
Denke, A. Reinhold, architect, Nevada Bk. bldg., San Fran., Cal.
Denke, E. H., architect, 1317 Hyde, San Francisco, Cal.
Denman, C. K., Hippee Bldg., Des Moines, Ia.
Denman & Davis, iron, steel, 85-91 Lafayette, New York.
Denman, W. M., brick, West Unity, Ohio.
Denmark Condensed Milk Co., Denmark, Wis.
Denmark Oil & Fertz. Co., meal, Denmark, S. C.
Denmead Bros., lbr. mfrs., West Point, Va.
Denmire, L. E., canned gds., Montrose, Ia.
Denneen, C. A., Co., contractors, 42 B'way, New York.
Denneen Motor Co., Cleveland, Ohio.
Dennehy Bros., shoe blacking & polishes, Brockton, Mass.
Dennehy, Chas., & Co., gin distillers, 229 W. Randolph, Chicago, Ill.
Dennehy, Thos., contractor, Town of Union, N. J.
Denney Tag Co., West Chester, Pa.
Dennick, Wm., & Co., fndrs., Dayton, Ohio.
Denning, J. A., contractor, Janesville, Wis.
Denning Tractor Co., engines, plows, Cedar Rapids, Ia.
Dennins, O., Sons, brushes & hand mirrors, Troy, N. Y.
Dennis, A. L., Salt & Lumber Co., 801 G. R. Sav. Bk. Bldg., Grand Rapids, Mich.
Dennis, D. H., lbr., Stratford, N. H.
Dennis, J. B., metal furn., etc., Monadnock Bldg., San Francisco, Cal.
Dennis, J. T., canned goods, Preston, Md.
Dennis, John, Mach. Co., Lowell, Mass.
Dennis, L. E. P., & Son, fertilizer mfrs., Crisfield, Md.
Dennis Mfg. Co., matresses, Waco, Tex.

Dennis, Martin, Co., tanning extracts, 859 Summer av, Newark, N. J.
Dennis, O. P., architect, Fay Bldg., Los Angeles, Cal.
Dennis, P. E., architect, Macon, Ga.
Dennis, V. R., Construction Co., Lewis Bldg., Portland, Ore.
Dennis, W. J., & Co., brushes, Weather strips, etc., 2120 W. Lake Chicago, Ill.
Dennis & Watson, machsts., Trenton, N. J.
Dennison Fire Proofing Co., Mason City, Ia.
Dennison Foundry & Machine Co., Dennison, Ohio.
Dennison, Hirons & Darbyshire, archts., 475 5th av, New York.
Dennison, Lee, contrs., Hornell, N. Y.
Dennison Mfg. Co., doilies, 15 John, New York.
Dennison Mfg. Co., paper crepe, covers, cups, fasteners, etc., 26 Franklin, Boston, Mass.
Dennison Sewer Pipe Co., Dennison, Ohio.
Denny Bros., contractors, Zanesville, Ohio.
Denny, Chas. W., architect, Hale Bldg., Philadelphia, Pa.
Denny, Hillborn & Rosenback, paints, 230 N. 12th, Phila., Pa.
Denny-Renton Clay & Coal Co., acid proof brick, cupola linings, Seattle, Wash.
Denominator Adding Machine Co., 224 Shepperd av, Brooklyn, N. Y.
De Noyelles Brick Co., Haverstraw, N. Y.
Denslow Heating Co., Waverly, N. Y.
Denslow, L. E., architect, 44 W. 18th, New York.
Densmore Brick Co., Lebanon, N. H.
Densmore & Le Clear, architects, 88 Broad, Boston, Mass.
Densmore-Stabler Refining Co., asphalt miners & refiners, Los Angeles, Cal.
Denson, Jas. F., architect, Am. Nat'l. Bk. Bldg., St. Paul, Minn.
Dent Hardware Co., refrigerator hardware mfrs., Fullerton, Pa.
Dent, J. H., contractor, Delaware, Ohio.
Dent, M. F., Co., machinists' tools, etc., dealers, 7 Blandina, Utica, N. Y.
Dentler, Bagger Co., automatic fire doors, fittings, Vicksburg, Mich.
Denton Bros., meat packers, Columbus, Ohio.
Denton & Co., contractors, concrete steel constr., 7 E. 42d, New York.
Denton Lumber Co., Enville, Fla.
Denton Milling Co., flour, Denton, Tex.
Denton Roller Mills, Denton, N. C.
Denton & Son, carriages, Oswego, N. Y.
Denton & Waterbury, lumber mfrs., Whitesboro, N. Y.
Dentzel, Wm. H., carousels, organs, 3641 Germantown av, Philadelphia, Pa.
Denune Builders' Supply Co., Linden Heights, Ohio.
Denver Auto Goods Co., Denver, Colo.
Denver Bedding Co., Denver, Colo.
Denver Boiler & Iron Wks. Co., Denver, Colo.
Denver Brass Wks. Co., fndrs., Denver, Colo.
Denver Engineering Works Co., Denver, Colo.
Denver Fire Clay Co., Denver, Colo.
Denver Fireproofing Co., Denver, Colo.
Denver, Frank, machist. & fndr., Washington, Ind.
Denver Gas & Electric Light Co., Denver, Colo.
Denver Hydro Co., air compressors & valves, 3100 Stuart, Denver, Colo.
Denver Iron Works & Fdry. Co., Denver, Colo.
Denver Marble & Granite Co., Denver, Colo.
Denver Metal Co., Denver, Colo.
Denver Packing & Prov. Co., Denver, Colo.
Denver Pressed Brick Co., Denver, Colo.
Denver & Pueblo Construction Co., 3262 Blake, Denver, Colo.
Denver Quartz Mill & Crusher Co., Denver, Colo.
Denver Rock Drill Mfg. Co., Denver, Colo.
Denver Sewer Pipe & Clay Co., Denver, Colo.
Denver Shale Brick Co., Denver, Colo.
Denver Sheet Metal Wks. Co., Denver, Colo.
Denver Tent & Awning Co., Denver, Colo.
Denver Terra Cotta Co., Denver, Colo.
Denver Wrecking & Const. Co., 851 Delaware, Denver, Colo.
Denzi & Phillips, glass signs, ceilings, 24 Dey, New York.
De Paola, Angelo, architect, 117 Summit av, West Hoboken, N. J.
De Paoli Mosaic Ass'n, 10 Damrell, S. Boston, Mass.
De Pasquale, Salvatore M., contr., 2975 Marion av, New York.
De Paul University College, engng. schools & coll., 1010 Webster, Chicago, Ill.
De Pere Mfg. Co., boilers, bins, coal conveyers, etc., West De Pere, Wis.
De Pere Tablet Co., De Pere, Wis.
De Planque, F. R., & Son, papier mache mfrs., 1349 Ridge av, Philadelphia, Pa.
Deport Cotton Seed Oil Co., Deport, Tex.
Deposit Lumber Co., Deposit, N. Y.
Deppe, A. H., Co., trunk mfrs., Minneapolis, Minn.
Deppisch, John L., contractor, 132 Pius, Pittsburgh, Pa.
Deppmann, A., & Co., heating contrs., 5334 B'way, Chicago, Ill.
De Pree Chemical Co., 123 W. Washington, Chicago, Ill.
De Prefontaine, Chas., masons' & bldrs.' matls., Blue Bell, Pa.
De Prosse, Victor A., architect, Hudson, N. Y.
Depue Brass Mfg. Co., Clinton, Ia.
Derby & Ball, agricultural implements, Bellows Falls, Vt.
Derby Desk Co., Somerville, Mass.
Derby Gas Co., gas retort, carbons, Derby, Conn.
Derby & Robinson, architects, 20 Beacon, Boston, Mass.
Derby, S. L., masons' & bldrs.' matls., Lemont, Ill.
Derbyshire, F. W., machsts., Waltham, Mass.
Dercum & Beer, architects, 4500 Euclid av., Cleveland, Ohio.
De Remer & Hewitt, archts., Title Ins. Bldg., Los Angeles, Cal.
Deremus, John T., Co., mill & facty. supplies, Paterson, N. J.
Derheimer & Co., contractors, Fort Wayne, Ind.
Derickson Creamery, Canning & Storage Co., Leslie, Ark.
Derickson, G. P., Co., whol. hdwe., 18 N. 3d, Minneapolis, Minn.
Derickson, W. L., canned goods, Bel Air, Md.
De Riso Bros., contractors, Town of Union, N. J.
De Rivas & Harris Mfg. Co., pianos, 138 Willow av, New York.
Dermon Soap Co., 300 N. Beacon, Boston, Mass.
Dermott Land & Lumber Co., hardwood lumber mfrs., etc., Railway Exchange, Chicago, Ill.
Dernell, H. F., Co., ice axes, tongs & tools, Athens, N. Y.
De Rome, L., Bronze, Brass & Bell Fdy., Inc., Oakland, Cal.
De Ronde, Frank S., paint & varnish remover, 24 Stone, New York.
De Roo, P., Sons, corn brooms, Wade & Borton, Cincinnati, Ohio.
De Rosa, Eugene, architect, 150 Nassau, New York.
De Rose & Cavalieri, architects, 2333 1st av, New York.
De Rose, Jos., architect, 119 Ellison, Paterson, N. J.
Derr, A. S., & Co., sash, door & blind, Dixon, Ill.
Derr, Walter, stone producers, Conshohocken, Pa.
Derry, A. L. & Co., machy. dlrs., Scranton, Pa.
Derry Glass Sand Co., Latrobe, Pa.
Derry Lbr. Co., Majestic Bldg., Detroit, Mich.
Derryfield Co., sashes, doors & blinds, Manchester, N. H.
Dershimer & Griffin, contractors, masons' & bldrs.' matls., Pittston, Pa.
Des Arc Hoop & Lumber Co., Des Arc., Ark.
Desch, J. W., masons' & bldrs.' matls., Celina, Ohio.
Deschauer, S., Co., plumbers' & steam fitters' supplies, 1345 Blue Island av, Chicago, Ill.
Deschauer Wire & Iron Wks., 2009 Larrabee, Chicago, Ill.
Deschler, August, machsts., Chillicothe, Ohio.
Des Cognets, Louis, & Co., masons' & bldrs.' matls., Lexington, Ky.
De Shay, D. H., agricultural implements, Elysburg, Pa.
Deshler Broom Factory, Deshler, Neb.
Deshler Mail Box Co., Deshler, O.
De Sibour, Jules H., architect, Hibbs Bldg., Washington, D. C.
Desjardins Co., architects, Majestic Bldg., Denver, Colo.
Desjardins, Louis, brick, Lisbon Falls, Me.
Deslauriers Column Mould Co., Woolworth Bldg., New York.
Desloge Consolidated Lead Co., Rialto Bldg., St. Louis, Mo.
De Smet Quartz Tile Co., stucco work & mfrs., 133 W. Washington, Chicago, Ill.
Des Moines Bale Tie Co., Des Moines, Ia.
Des Moines Brick & Tile Co., Des Moines, Ia.
Des Moines Bridge & Iron Co., 9th & Tuttle, Des Moines, Ia.
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Des Moines Broom Co., Des Moines, Ia.
Des Moines Building Material Co., Des Moines, Ia.
Des Moines Casket Co., Des Moines, Ia.
Des Moines Clay Co., Des Moines, Ia.
Des Moines Engineering & Construction Co., Des Moines, Ia.
Des Moines Fuel & Lime Co., Des Moines, Ia.
Des Moines Incubator Co., Des Moines, Ia.
Des Moines Iron Co., Des Moines, Ia.
Des Moines Marble & Mantel Co., Des Moines, Ia.
Des Moines Refining Assay Co., softeners—water, Des Moines, Iowa.
Des Moines River & Gravel Co., Harvey, Ia.
Des Moines Saddlery Co., Des Moines, Ia.
Des Moines Sheet Metal Co., Des Moines, Ia.
Des Moines Silo & Mfg. Co., Des Moines, Ia.
Des Moines Slide Co., Des Moines, Ia.
Des Moines Stove Repair Co., Des Moines, Ia.
Des Moines Structural Steel Works, Des Moines, Ia.
Des Moines Tent & Awning Co., Des Moines, Ia.
Desmond, D. J., Commissary Co., contractors, Underwood Bldg., San Francisco, Cal.
Desmond & Lord, architects, 15 Beacon, Boston, Mass.
Desmond, M. Mfg. Co., machsts., Edwardsville, Ill.
Desmond, Owen E., contractor, 429 Plymouth ct, Chicago, Ill.
Desmond-Stephan Mfg. Co., machsts. & fndrs., Urbana, Ohio.
Desmond, Theo. H., landscape architect, Hartford, Conn.
De Snell, G. E., architect, 3 N. Montana, Butte, Mont.
De Soto Brick Co., Ltd., Mansfield, La.
De Soto Brick & Tile Works, De Soto, Ia.
De Soto Co., turpentine, Quitman, Ga.
De Soto Cotton Oil Co., Mansfield, La.
De Soto Foundry & Machine Co., Ltd., Mansfield, La.
De Soto Hardwood Flooring Co., Memphis, Tenn.
De Soto Oil Co., Memphis, Tenn.
De Soto Paint Mfg. Co., Memphis, Tenn.
De Soto Roller Mills, flour, De Soto, Mo.
Despatch Mfg. Co., annealing furnaces, ovens & electric cooking app., 104 2d, N. Minneapolis, Minn.
Desper, H. A., plumbers' specialties, 16 Foster, Worcester, Mass.
Des Rivieres, Geo. R., baled shavings, 5444 S. Mich., Chicago, Ill.
Desrosier, Gilbert, carriages, Northampton, Mass.
Dessau, Maurice S., black diamond carbons, 6 Maiden la, New York.
Dessau's, S., Sons, diamond emery wheel dressers, diamond tools & black diamond & bortz imp., 180 B'way, New York.
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Dessert, Crystal Salt Co., White Plains, Nev.
Dessez, Leon E., architect, 1421 F, Washington, D. C.
Dessureau & Co., granite, Barre, Vt.
d'Este, Julian Co.. steam engineering specialties mfrs., 24 Canal, Boston, Mass.
Destremps, Lewis E., architect, N-B Theatre Bldg., New Bedford, Mass.
Destremps, Louis G., & Sons, architects, 58 Bedford, Fall River, Mass.
Destruction Co., garbage burners, 111 Broadway, New York.
Desvoyan, Helia L., architect, Central Falls, R. I.
De Tamble Motors Co., Anderson, Ind.
Detering, H. E., brooms—corn, Houston, Tex.
Detjen, Henry, architect, 4268 Conn., St. Louis, Mo.
Detjen & Son, contrs., Sedalia, Mo.
Detlaff, A. J., Co., machsts. & fndrs., & plating wks., Detroit, Mich.
Detmer, Hy., pianos, 10 S. Wabash av, Chicago, Ill.
Detmer Mfg. Co., gas machines, 2518 Archer av, Chicago, Ill.
Detraz Bros., masons' & bldrs., matls. & supplies, Vevay, Ind.
Detrick Distilling Co., Dayton, Ohio.
Detrick & Harvey Machine Co., machinery mfrs., Baltimore, Md.
Detrick, M. H., Co., boiler & fire brick, 549 W. Washington, Chicago, Ill.
Detroit Alaska Knitting Mills, lumbermen's socks, 575 Michigan av, Detroit, Mich.
Detroit Arch'l Iron Wks. Co., Detroit, Mich.
Detroit Art Metal Co., metal spinning, Detroit, Mich.
Detroit Auto Dash Co., wood rims, 519 Beaubien, Detroit, Mich.
Detroit Auto Piston Co., 180 John R, Detroit, Mich.
Detroit Auto Specialty Co., water cooling radiators, 909 Greenwood av, Detroit, Mich.
Detroit Automatic Scale Co., machsts., 608 Woodward av, Detroit, Mich.
Detroit Axle Co., 235 16th, Detroit, Mich.
Detroit Bath Tub & Brass Co., plumbers' wood wk., Detroit, Mich.
Detroit Bearing & Castings Co., Detroit, Mich.
Detroit Belt Lacer Co., Detroit, Mich.
Detroit Blowpipe Co., dust collectors, 366 Grand River av, Detroit, Mich.
Detroit Boat Co., motor boats, Detroit, Mich.
Detroit Brass Wks., hose cocks, Bklyn. & Belt Line, Detroit, Mich.
Detroit Bridge & Iron Wks., Steel Struct. Wk., Rouge river, Detroit, Mich.
Detroit Building & Construction Co., Free Press Bldg., Detroit, Mich.
Detroit Cabinet Co., 988 Riopelle, Detroit, Mich.
Detroit Can Co., Russell & Trombley, Detroit, Mich.
Detroit Carriage Goods Co., motor hoods, Detroit, Mich.
Detroit Casket Co., 185 Congress W., Detroit, Mich.
Detroit Cedar & Lumber Co., Ford Bldg., Detroit, Mich.
Detroit Chandelier Lamp Co., Elec. Fix., 79 B'way, Detroit, Mich.
Detroit Chemical Works, alumnia sulphate, nitric acid, 238 Junction av, Detroit, Mich.
Detroit Coin Wrapper Co., Detroit, Mich.
Detroit Column & Mfg. Co., Holden & C, Detroit, Mich.
Detroit Commercial Can Co., Pontiac, Mich.
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
Detroit Cornice & Slate Co., 147 Antoine, Detroit, Mich.
Detroit Corrugated Box & Board Co., corrugated paper, 88 Isabella, Detroit, Mich.
Detroit Creamery Co., canned goods, Detroit, Mich.
Detroit Decorative Supply Co., Detroit, Mich.
Detroit Edge Tool Wks., machsts., Woodbridge & McDougall, Detroit, Mich.
Detroit Elec. Heater Co., elec. sad irons, Detroit, Mich.
Detroit Elec. Welder Co., machy., 255 Lafayette blvd, W. Detroit, Mich.
Detroit Engine Wks., Detroit, Mich.
Detroit Excelsior Wks., 2116 Russell, Detroit, Mich.
Detroit Flower Pot Mfg. Co., Lafferty & Howard, Detroit, Mich.
Detroit Forging Co., 120 Mount Elliott av, Detroit, Mich.
Detroit Foundry Co., stoves, wall torches, etc., Detroit, Mich.
Detroit Fdry. & Mfg. Co., 15 Macomb, Detroit, Mich.
Detroit Fuse & Mfg. Co., 1400 Rivard, Detroit, Mich.
Detroit Gas & Elec. Fix. Co., 68 W. Gd. River av, Detroit, Mich.
Detroit Gas Turbine Corp., airplane engines, Detroit, Mich.
Detroit Gear & Mach. Co., Detroit, Mich.
Detroit Glove & Mfg. Co., 64 Congress W., Detroit, Mich.
Detroit Graphite Co., paints, 10-12th, Detroit, Mich.
Detroit Gray Iron Fdy. Co., Detroit, Mich.
Detroit Grinding Wheel Co., emery wheel mfrs., Detroit, Mich.
Detroit Htg. & Lighting Co., machsts., Detroit, Mich.
Detroit Htg. & Refrigerating Co., machsts., Detroit, Mich.
Detroit Hoist & Machine Co., Detroit, Mich.
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Detroit Insulated Wire Co., Detroit, Mich.
Detroit Iron & Stel Co., blast furnaces, Detroit, Mich.
Detroit Laundry Mach. & Supply Co., Detroit, Mich.
Detroit Lead Pipe Wks., 61 2nd, Detroit, Mich.
Detroit Leather Specialty Co., Inc., packing washers, etc., 275 Beecher av, Detroit, Mich.
Detroit Leather Wks., auto. belts, 141 Champlain, Detroit, Mich.
Detroit Lighting Fix. Co., elec. fixtures, 222 Jefferson av, E. Detroit, Mich.
Detroit Lubricator Co., Detroit, Mich.
Detroit Lumber Co., Jefferson & Junction avs, Detroit, Mich.
Detroit Marvel Brass Mfg. Co., plumbing traps, etc., 326-332 Rivard, Detroit, Mich.
Detroit Mausoleum Equip. Works, archl. & bronze workers, Detroit, Mich.
Detroit Metal Spinning Co., 197 Monroe av, Detroit, Mich.
Detroit Metallic Casket Co., metallic burial cases, 862 Gratiot av, Detroit, Mich.
Detroit Mill Supply Co., 14 High, Detroit, Mich.
Detroit Milling Co., flour, Gd. River & Warren, Detroit, Mich.
Detroit Mirror Wks., Waterman & M. C. R. R., Detroit, Mich.
Detroit Model Mach. Wks., wrenches, Fremont, Ohio.
Detroit Motor Car Supply Co., machsts., Kercheval & Connors ck, Detroit, Mich.
Detroit Motor Castings Co., 299 Beaufait, Detroit, Mich.
Detroit Nut Co., Hubbard av & M. C. R. R., Detroit, Mich.
Detroit Oak Belting Co., 266 Wight, Detroit, Mich.
Detroit Oil & Cotton Co., meal, Detroit, Tex.
Detroit Paper Tube & Can Co., mfrs. of mailing tubes, 26 Griswold, Detroit, Mich.
Detroit Pattern Wks., 110 St. Antione, Detroit, Mich.
Detroit Piston Ring Co., 53 Richmond, Detroit, Mich.
Detroit Pneumatic Chuck Co., pneumatic chucks, 516 F. P. Bldg., Detroit, Mich.
Detroit Power Spec. Co., boiler cleaners, Detroit, Mich.
Detroit Pressed Steel Co., Detroit, Mich.
Detroit Rack Co., umbrella stands, 125 Monroe av, Detroit, Mich.
Detroit Range Boiler Co., 619 24th, Detroit, Mich.
Detroit Refining Co., paints, Majestic Bldg., Detroit, Mich.
Detroit Register Co., Detroit, Mich.
Detroit River Iron Wks., steam engines, Detroit, Mich.
Detroit Roofing Tile Co., Detroit, Mich.
Detroit Rubber Stamp Co., steel stamps, 90 Griswold, Detroit, Mich.
Detroit Sanitary Bag Co., machine wipers, Detroit, Mich.
Detroit Sanitary Supply Co., plumbers' supplies & bath room fix., 191 2nd, Detroit, Mich.
Detroit Saw & Tool Co., Detroit, Mich.
Detroit Scoop Truck Co., 2225 Jefferson av, W., Detroit, Mich.
Detroit Screw Works, 348 Franklin, Detroit, Mich.
See adv index at end of book.
Detroit Seamless Steel Tube Co., Detroit, Mich.
Detroit Shipbuilding Co., Detroit, Mich.
Detroit Show Case Co., 480 Fort, W., Detroit, Mich.
Detroit Soap Co., presses, Detroit, Mich.
Detroit Socket Co., Detroit, Mich.
Detroit Stamping Co., 957 W. Fort, Detroit, Mich.
Detroit Standard Gear Co., Detroit, Mich.
Detroit Starter Co., auto. lamps & mfrs. automobile starters, 203 Monroe av, Detroit, Mich.
Detroit Steam Appliance Co., power plant equipment, 500 Union Trust Bldg., Detroit, Mich.
Detroit Steel Casting Co., Detroit, Mich.
Detroit Steel Cooperage Wks., Detroit, Mich.
Detroit Steel Products Co., forgings, springs, windows, etc., Penobscot Bldg., Detroit, Mich.
Detroit Stoker Co., machsts. & fndrs., N. Grand blvd & Riopelle, Detroit, Mich.
Detroit Store Fixture Co., Detroit, Mich.
Detroit Stove Works, mfrs. of "Jewel" stoves, ranges, & furnaces, machsts. & fdrs., 1320 Jefferson, Detroit, Mich.
Detroit Sulphite Pulp & Paper Co., Detroit, Mich.
Detroit Tank & Seat Co., Detroit, Mich.
Detroit Tech. Inst., engng. schools & coll., Detroit, Mich.
Detroit Testing Laboratory, 674 Woodward, Detroit, Mich.
Detroit Tool Co., machy., Detroit, Mich.
Detroit Trailer Co., auto. truck trailers, 673 Atwater, E. Detroit, Mich.
Detroit Truck Co., mfrs. auto trucks, Dime Bank Bldg., Detroit, Mich.
Detroit Twist Drill Co., 555 Fort, W., Detroit, Mich. *See adv. index at end of book.*
Detroit Valve & Fittings & Detroit Brass, Wyandotte, Mich.
Detroit Vapor Stove Co., Detroit, Mich.
Detroit Varnish Co., Detroit, Mich.
Detroit Waste Wks., 112 Larned, W., Detroit, Mich.
Detroit White Lead Wks., Detroit, Mich.
Detroit White Metal Co., Inc., 628 W. Jefferson av, Detroit, Mich.
Detroit Window & Stained Glass Co., Detroit, Mich.
Detroit Wire Bound Box Co., 1031 18th, Detroit, Mich.
Detroit Wire & Iron Wks., 1160 Jefferson av, E., Detroit, Mich.
Detroit Wire Spring Co., Detroit, Mich.
Detroit Wood Pulley Co., Detroit, Mich.
Detroit-Wyandotte Motor Truck Co., Wyandotte, Mich.
Detroiter Motor Car Co., Stanley & Vermont avs, Detroit, Mich.
Dettman, Wm. C., cornices, Danville, Ill.
Dettmer & Handwerk, masons' & bldrs.' matls., Slatington, Pa.
Dettra, Jno. C., & Co., flag mfrs., Oaks, Pa.
Detweiler, Theo., masons' & bldrs.' matls., Brookville, Ohio.
Detwiler, Chas. H., architect, 46 Cedar, New York.
Detwiler, J. H., sashes, doors and blinds, Tampa, Fla.
Detwiler Monumental Works, Phoenixville, Pa.
Detwiller & Street Fireworks Mfg. Co., 22 Park pl, New York.
Deuback, B., & Son, machsts. fndrs., Dallas, Tex.
Deuel, Chas. C., Co., pipe bends, tanks, etc., Detroit, Mich.

Deuer, C. H., lumber mfr., Misouri Valley, Ia.
Deuscher, H. P., Co., agricultural implements, Hamilton, Ohio.
Deuse, J. S., machsts. & fndrs. & bits, drills, ice picks, etc., Chester, Conn.
Deutch, Arthur, handles, Savannah, Ga.
Deutermann, Geo., mill & facty. supplies, 209 Centre, New York.
Deutsch, Chas., mantles, 177 E. 87th, New York.
Deutsch, Jacob, cornices, 232 Chrystie, New York.
Deutsch, N. & Co., smelters and refiners, 540 W. 13th, Chicago, Ill.
Deutz, A., & Bro., masons' & bldrs.' matls. & wholesale hdwe., Laredo, Tex.
Devall Bluff Gin & Milling Co., Devall Bluff, Ark.
Devaney, Jno. J., Co., cornices & skylights, Bayonne, N. J.
De Vault, Jas., contractor, Canton, Ohio.
De Veaux, Wm. W., architect, North Yakima, Wash.
De Ved & Sons Sash Weight Co., tin plate, metals, etc., Baltimore, Md.
Develine Foundry, Boulder, Colo.
Deveney, J. B., & J., trunk mfrs., 126 N. 16th, Philadelphia, Pa.
Devenpeck Coal Co., masons' & bldrs. matls., Schenectady, N. Y.
Devereaux, Valentine, architect, 345½ Washington, Portland, Ore.
Devereaux, Ward, machsts. & fndrs., Bancroft, Mich.
Devere & Schloegel Lbr. Co., 606 Park, Milwaukee, Wis.
Deverell Perfection Mfg. Co., machsts., Caton av, B'klyn, N. Y.
Deverell, Spencer & Co., contractors, Garrett Bldg., Balto., Md.
Deverell, W. P., contractor, Ramge Bldg., Omaha, Neb.
De Vilbiss Mfg. Co., paint spraying machines, Toledo, Ohio.
Devilbliss, G. W., canned goods, Stewartstown, Pa.
Devillers Soap Co., 95 Cliff, New York.
Devine, J. C., Co., contractors, Alliance, Ohio.
Devine, J. P., Co., chemical & distilling apparatus, machy. & auto boxes, Buffalo, N. Y.
Devine, P., F., trunk mfr., Lowell, Mass.
Devitt, Paul J., mill & facty. supplies, 1101 S. 2nd, Phila, Pa.
Devlin, Chas., cotton waste, 3219 Kensington, Philadelphia, Pa.
Devlin, Chas. J. I., architect, Pacific Bldg., San Francisco, Cal
Devlin, Hary J., htg. contrs., 218 E. 43d, Chicago, Ill.
Devlin, John O., Constr. Co., 233 Broadway, New York.
Devlin, Leo J., architect, Pacific Bldg., San Francisco, Cal.
Devlin, Thos., Mfg. Co., machsts. & fndrs., & plumbing & steamfitters' supplies, 3d & Lehigh av, Philadelphia, Pa.
Devney, H. J., marine ry. bldrs., Ashtabula, Ohio.
Devoe & Raynolds Co., bronze powders, paint & oil paint mfrs., 101 Fulton, New York.
De Vogel Contr. Co., Passaic, N. J.
De Vore-McGormley Co., contractors, Toledo, Ohio.
De Voss, W. A., architect, Portsmouth, Ohio.
Devou, V. N., Supply Co., mill & facty. supplies, 506 Central av, Cincinnati, Ohio.
De Voursney Bros., lamps, 389 Broome, New York.
De Vries Bros., machsts., Passaic, N. J.
De Vries, S. J., & Co., lbr., 840 W. 47th, Chicago, Ill.
De Vry Corp, searchlights, 117 N. Wells, Chicago, Ill.
De Waard, John R., architect, Glencoe Bldg., Duluth, Minn.
Dewar Bros. Trunk Mfg. Co., Denver, Colo.
Dewar Mfg. Co., mine lamps, 34-35th, Brooklyn, N. Y.
De Weerd, Geo., architect, Holland, Mich.
Dewees, Jno. W., machst., 640 Filbert, Philadelphia, Pa.
Deweese, F. M. & Co., machinist, Chillicothe, Ohio.
Dewes, A., Co., sheet metal stamping & metallic tubing, 199 Lafayette, New York.
Dewes, John-Gumbs Die Co., die cutting, 403 Broome, New York.
Dewey Bros., mill & facty. supplies, Goldsboro, New York.
Dewey Column & Monumental Wks., granite, Barre, Vt.
Dewey Engng. Co., 25 Hancock pl, New York.
Dewey, F. E. & B. A., paper ruling machs., Springfield, Mass.
Dewey, F. O., Co., headlights, lamps, etc., 28 Canal, Boston, Mass.
Dewey Mfg. Co., machsts. & fndrs., Dewey, Okla.
Dewey Portland Cement Co., Scarritt Bldg., Kansas City, Mo.
Dewing & Sons, masons' & bldrs.' matls., Kalamazoo, Mich.
De Witt Boag Co., silk thread, Hornell, N. Y.
De Witt, Davis, Jr., advtg. signs., White Bldg., Buffalo, N. Y.
De Witt, E. W., & Son, brass fndrs., Port Carbon, Pa.
De Witt, H. E., masons' & bldrs.' matls., Lynchburg, Va.
De Witt Rice Mill Co., De Witt, Ark.
Dewsberry, R. A., ice cream freezers, 1010 W. Lake, Chicago, Ill.
Dewsnap, Wm., architect, 203 Broadway, New York.
Dexheimer, P., & Sons, contractors, Orange, N. J.
Dexter, A. M. (Est. of), mill & facty. supplies, Mattapoisett, Mass.
Dexter & Bowles, mill & facty. supplies, Springfield, Mass.
Dexter Bros. Co., waterproofing matls., 105 Broad, Boston, Mass.
Dexter, C. H., & Sons, paper & pulp mill, Windsor Locks, Conn.
Dexter Co., washing machines, Fairfield, Ia.
Dexter Engineering Co., Inc., vacuum valves, Providence, R. I.
Dexter, Everett O., contractor, Attleboro, Mass.
Dexter Farming Canning Co., Dexter, Iowa.
Dexter Folder Co., machsts. & fndrs., paper cutting & feeding machines, 200 5th av, New York.
Dexter, H. C., Chair Co., book cases, Black River, N. Y.
Dexter, H. H., contractor, Gary, Ind.
Dexter, H. P., architect, Dexter, Me.
Dexter, I. H., Co., flexible couplings, 27 Walker, New York.
Dexter Lumber Co., sash, door & blind, 4765 Montg'y pk, Norwood, Cincinnati, Ohio.
Dexter & McCluer, architects, Canby Bldg., Dayton, Ohio.
Dexter Metal Mfg. Co., bank & office fixtures (metallic), 93 Arch, Camden, N. J.
Dexter & Newton, hdwe, mfrs., 543 W. 120th, Chicago, Ill.
Dexter Portland Cement Co., Nazareth, Pa.
Dexter Sulphite Pulp & Paper Co., Dexter, N. Y.
Dexter Woodworking & Bldrs.' Supply Co., sash, door & blind mfrs., Dexter, N. Y.
Dexter Yarn Co., Pawtucket, R. I.
Dey, J. F., Co., contractors, 263 Lake, Newark, N. J.
Deyo-Macey Engine Co., Binghamton, N. Y.
Deysher, Abner S., packing box mfrs., Reading, Pa.
De Zeng Standard Co., instruments, surgical & dental, Camden, N. J.
De Zouche, Hanson & Co., mill & facty. supplies, 14 N. 5th, Philadelphia, Pa.
D. G. C. Valve Co., 18 E. 41st, New York.
Diadem Mfg. Co., horn combs, Fitchburg, Mass.
Diagraph Co., machsts., 2121 N. 9th, St. Louis, Mo.
Dialectric Mfg. Co., insultg. paper & compounds, 224 S. Vandeventer, St. Louis, Mo.
Diament, J. E., Co., canned goods, Cedarville, N. J.
Diamond Alkali Co., First Nat'l Bank Bldg., Pittsburgh, Pa.
Diamond, Bernard, contractor, 12 Bergen, Brooklyn, N. Y.
Diamond Boiler Works, 2200 N. 1st, Minneapolis, Minn.
Diamond Braiding Mills, shoe laces, Chicago Heights, Ill.
Diamond Brass Fdry. & Mach. Co., 1115 Washington blvd, Chicago, Ill.
Diamond Brick Co., Oak Hill, Ohio.
Diamond Cable Co., lightning rods, Bourbon, Ind.
Diamond Calk Horse Shoe Co., Duluth, Minn.
Diamond Carburetor Co., Jersey City, N. J.
Diamond Chain Co., York, Pa.
Diamond Chain & Mfg. Co., Indianapolis, Ind.
Diamond, Chas. T., architect, Columbia Bldg., Spokane, Wash.
Diamond Clamp & Flask Co., Richmond, Ind.
Diamond Constr. Co., Huntington, W. Va.
Diamond Cork Co., 59 Pearl, New York.
Diamond Cupped Bearing Co., 130 Manhattan, New York.
Diamond Crystal Salt Co., St. Clair, Mich.
Diamond Door Hanger Co., 28 Rodney, Brooklyn, N. Y.
Diamond Drill Carbon Co., 63 Park Row, New York.
Diamond Drill Contr. Co., Spokane, Wash.
Diamond Elec. Co., sad irons, stoves, etc., Binghamton, N. Y.
Diamond Elec. Soap Co., Greenfield, Mass.
Diamond Elec. Water Heater Co., Kohl Bldg., San Francisco, Cal.
Diamond Expansion Bolt Co., 89 West, New York.
See adv index at end of book.
Diamond Fire Brick Co., Canon City, Colo.
Diamond Forging & Mfg. Co., Chartiers & Ridge av, Pittsburgh, Pa.
Diamond Fdry. Co., Akron, Ohio.
Diamond Glass Co., 1447 W. 25th, Cleveland, Ohio.
Diamond Glass Co., bottle mfrs., Royersford, Pa.
Diamond Glue Co., gelatine mfrs., Ill. Mich. Canal, Chicago, Ill., & 213 N. Water, Philadelphia, Pa.
Diamond Huller Co., Winona, Minn.
Diamond Ink Co., glue, etc., 192 E. Water, Milwaukee, Wis.
Diamond Iron Works, Hammond, La.
Diamond Iron Works, 2d & 18th av, N., Minneapolis, Minn.
Diamond, L. J., boilers, Elwood, Ind.
Diamond Lbr. Co., Wilmington, Del.
Diamond Lumber Co., Green Bay, Wis.
Diamond, McDonnell & Co., shoe blacking, 409 N. 4th, Phila., Pa.
Diamond Mach. Co., coal chutes, pumps, Monongahela, Pa.
Diamond Machine Co., gas engines, boilers, etc., 3d & Vine, Cinnati, Ohio.
Diamond Mach. Co., magnetic chucks, grinding & polishing machinery mfrs., 9 Codding, Providence, R. I.
Diamond Mfg. Co., conduit cleats, pipes, soldering coppers, etc., Detroit, Mich.
Diamond Match Co., match mfrs. & machsts. & fndrs., 111 B'way, New York.
Diamond Metal Weather Strip Co., Columbus, Ohio.
Diamond Mill Co., flour, Sherman, Texas.
Diamond Mills Paper Co., 44 Murray, New York.
Diamond, Nicholas & Co., sample cases, 616 W. Adams, Chicago, Ill.
Diamond Oil Co., core, paint & varnishes, 52nd & Sprays av, Philadelphia, Pa.
Diamond Paint & Varnish Co., 910 Champlain av, Cleveland, Ohio.
Diamond Paste Co., Albany, N. Y.
Diamond Point Pen. Co., 44 E. 23d, New York.
Diamond Portland Cement Co., 1313 Williamson, Cleveland, O.
Diamond Powder Specialty Co., flue cleaners, 82 First, Detroit, Mich.
Diamond Press Brick Co., Ferris, Tex.
Diamond Red Paint Co., 2750 N. Lincoln, Chicago, Ill.
Diamond Rubber Co., Akron, Ohio.
DIAMOND SAW & STAMPING WORKS, "Sterling" hack saws, machines, & frames, 357 7th, Buffalo, N. Y.
See adv index at end of book.
Diamond Show Case Co., 2210 Superior, N. W., Cleveland, Ohio.

Diamond Spec. Co., carbon removers, Indianapolis, Ind.
Diamond Specialty & Supply Co., r. r., mill & facty. supplies, 1225 Arch, Philadelphia, Pa.
Diamond Stamping Works, 1946 E. 55th, Cleveland, Ohio.
Diamond State Fibre Co., advtg. nov. & spec. artificial leather, fibre goods, Elsmere, Del.
Diamond State Fibre Co., Bridgeport, Conn.
Diamond Steel Pole Co., Land Tile Bldg., Philadelphia, Pa.
Diamond Stone Co., Passaic, N. J.
Diamond, T., Motor Car Co., 432 W. Superior, Chicago, Ill.
Diamond Tack & Nail Wks., Boston, Mass.
Diamond Textile Machine Wks., 1820 N. 10th, Philadelphia, Pa.
Diamond Tool & Die Co., lathes, tools, 438 Asylum, Hartford, Conn.
Diamond Veneer Co., Edinburg, Ind.
Diamond Wall Cement Co., wall plaster mfr., Williamsport, Pa.
Diamond Whip Co., axle & leather washers, 406 N. Curtis, Chicago, Ill.
Diamond Wire & Iron Wks., oven wire goods, 516 N. Capitol av, Indianapolis, Ind.
Diana Oil & Grease Co., 554 Hamilton av, Brooklyn, N. Y.
Diana Paper Co., Watertown, N. Y.
Dibble, Chas. E., contractor, Adrian, Mich.
Dibble, S. B., Lumber Co., North Adams, Mass.
Dibble, Wallace E., architect, 317 Main, Springfield, Mass.
Dibelka, Jas. B., architect, 130 N. Wells, Chicago, Ill.
Dibert, Bancroft & Ross Co., Ltd., mill & facty. supplies, Tulane & Hagan av, New Orleans, La.
Dibert, L. C., Co., extractors, 138 1st, San Francisco, Cal.
Dibert, Stark & Brown Cypress Co., Ltd., Donner, La.
Di Blasi, Alfred, architect, Corona, N. Y.
Diboll & Owen, Ltd., archts., Interstate Bldg., New Orleans, La.
Di Bona, Luigi, granite, W. Quincy, Quincy, Mass.
Di Camillo, Raymond C., architect, Williamson Bldg., Cleveland, Ohio.
Dice Engine Co., machsts., Anderson, Ind.
Dick, A. B., Co., machsts., 736 W. Jackson blvd, Chicago, Ill.
Dick Bros. (Inc.), cocks (basin, bath), machsts. & fndrs., Reading, Pa.
Dick Contractor Co., Colorado Bldg., Washington, D. C.
Dick, D. D., & Sons, enamelers, 519 Cherry, Philadelphia, Pa.
Dick, David & Son, architects, Charleston, W. Va.
Dick, Gustav A., architect, 811 State, Milwaukee, Wis.
Dick, J. H., trunk mfrs., 645 W. Madison, Chicago, Ill.
Dick, J. I., Co., cornices, Scottdale, Pa.
Dick, Jos., Mfg. Co., mchsts. & fndrs., & agricultural implts., Canton, Ohio.
Dick & Monaco, contrs., Bernardsville, N. J.
Dick, R. & J., Ltd., belting, turned shafting & wrought steel pulleys, Passaic, N. J.
Dick Sand Co., Franklin, Pa.
Dick, Wilmot, contractors, Camden, N. J.
Dickason, Goodman, Lbr. Co., K. & P. Bldg., Kansas City, Mo.
Dicke Tool Co., Downers Grove, Ill.
Dickelman Mfg. Co., cornices & skylights & conductor pipe & eaves troughs, Forest, Ohio.
Dickenson, H. G., machsts., Rockford, Ill.
Dickerman & Co., masons' & bldrs.' matls., Concord, N. H.
Dickerman, E. W., architect, Perry Bldg., Binghamton, N. Y.
Dickerman Hardware & Supply Co., Wallingford, Conn.
Dickerman, J. A., rattan furniture, Gardner, Mass.
Dickerson Automatic Governor Co., Salt Lake City, Utah.
Dickerson Bldg. Supply Co., sash, door & blind, Fairmont, W. Va.
Dickerson Cotton Cleaner Co., machines, Ft. Worth, Tex.
Dickerson, Edward, contractor, Chester, Pa.
Dickerson, Van Dusen, & Co., tin, plate, 32 Cliff, New York.
Dickey, A., & Co., porch columns, rope mouldings, etc., 37 Bristol, Boston, Mass.
Dickey, A. F., architect, Huntington, W. Va.
Dickey, A. P., Mfg. Co., fanning mills, Racine, Wis.
Dickey Belting Co., Lewiston, Me.
Dickey, C. W., & Donovan, John J., architects, 414 15th, Oakland, Cal.
Dickey, D. Anderson, architect, Ind. Life Bldg., Nashville, Tenn.
Dickey Grabler Works, dies, etc., 118 Noble ct, Cleveland, Ohio.
Dickey, H. M., masons' & bldrs.' matls., Oldtown, Me.
Dickey, Leroy W., contractor, Lowell, Mass
Dickey Steel Co. (The), steel merchants, 229 B'way, New York.
Dickey, W. S., Clay Mfg. Co., masons' & bldrs. matls., N. Y. Life Bldg., Kansas City, Mo.
Dickey, Wm. P., & Co., wholesale hardware, Bangor, Me.
Dickhoff, Samuel, contractor, Schenectady, N. Y.
Dickie, D. W. & R. Z., naval architects, 112 Market, San Francisco, Cal.
Dickie, Jas., architect, 112 Market, San Francisco, Cal.
Dickinson Ball Bearing Wheel & Vehicle Co., Little Rock, Ark.
Dickinson Brick & Tile Co., Glasgow, Ky.
Dickinson Bros., masons' & bldrs.' matls., Glasgow, Ky.
Dickinson, Chas. W., hickory handles, Ypsilanti, Mich.
Dickinson Co., canned goods, Oswego, Ore.
Dickinson & Co., canned goods, Eureka, Ill.
Dickinson, D. E., architect, Blissfield, Mich.
Dickinson Fire Brick Co., Buena Vista, Va.
Dickinson Fire & Pressed Brick Co., Dickinson, N. D.
Dickinson, Frank L., architect, Westville, N. J
Dickinson, Geo. A., contractor, Bellingham, Wash.
Dickinson, H. H., Builders' Supply Co., 1140 14th av, Detroit, Mich
Dickinson & Hockenberry, contractors, Marietta, Ohio.
Dickinson, J. Q., & Co., bromine, Malden, W. Va.
Dickinson, Mahlon H., architect, Empire Bldg., Philadelphia, Pa.
Dickinson Mfg. Co., insulators and waterproof sockets & elec. spec., telephone acces., etc., Springfield, Mass.
Dickinson, Orison, architect, Empire Bldg., Seattle, Wash.
Dickinson, Paul, round house smoke jacks, 3346 S. Artesian av, Chicago, Ill.
Dickinson Rack Co., Stockbridge, Mich.
Dickinson, Thos. L., diamond tools mfr., 64 Nassau, New York.
Dickinson, W. E., architect, 136 Market, Paterson, N. J.
Dickinson's, A., Sons, lbr., nails, boxes, etc., Ashuelot, N. H.
Dickison, Guy B., contrs., Union Bldg., Syracuse, N. Y.
Dickover, Geo. T. & Son, contractors, Wilkes-Barre, Pa.
Dickover, M. A., contrs., Hammond, Ind.
Dickow, Fred C., machy. dlr., 33 S. Desplaines, Chicago, Ill.
Dicks, David, & Co., Inc., dyes, colors, etc., 299 B'way, New York.
Dicks-Pontius Co., cements, wax, etc., Dayton, Ohio.
Dicks, Slosson Co., Inc., humidifying app., 302 B'way, New York.
Dickson, A. L., contrs., Jackson, Miss.
Dickson Bros., drain tile, Whiteland, Ind.
Dickson & Bull, mfrs. artificial limbs, 2116 Telegraph av, Oakland, Cal
Dickson Car Wheel Co., Houston, Tex.
Dickson & Co., mill & facty. supplies, New Castle, Pa.
Dickson, J. W., machsts. & fndrs., Castle Rock, Wash.
Dickson, J. W. Co., lumber, Memphis, Tenn.
Dickson, Jas. C., lbr. mfrs., 936 E. Vermont, Indianapolis, Ind.
Dickson, R., architect, Virginia City, Nevada.
Dickson & Turnbull, contractors, 421 W. 54th, New York.
Dictograph Co., 220 W. 42d, New York.
Didden, C. A. & Son, architects, Corcoran Bldg., Washington, D. C.
Didier-March Co., mfrs. fire brick, all kinds, Perth Amboy, N. J.
Didier, Wm., Mfg. Co., machsts., Racine, Wis.
Didriksen, H. P., floor-finishing machs., 1826 Summit, Columbus, Ohio.
Die Cast Fibre Co., Wilmington, Del.
Die Sinking & Mach. Co., rubber molds, Akron, Ohio.
Diebold Elec. Co., mach. dlrs., Salt Lake City, Utah.
Diebold, John, & Sons Stone Co., 1417 16th, Louisville, Ky.
Diebold Lumber & Mfg. Co., embossed mouldings, 93 Wabash av, Pittsburgh, Pa.
Diebold Products Co., machsts., 5333 St. Clair, Cleveland, Ohio.
Diebold Safe & Lock Co., Canton, Ohio.
Dieckman Hardwood Co., 350 Beach, San Francisco, Cal.
Dieckmann, Ferdinand, Co., conductor pipe, etc., 2423 Harrison av, Cincinnati, Ohio.
Diedrick, Aug., contractor, 97 Van Buren, Brooklyn, N. Y.
Diefenbacher, Philip, & Son., hollow bldg. blocks, Massillon, O.
Diefenderfer & Dinwiddle Co., who. h'dwe., Sheridan, Wyo.
Diefenthaler & Co., brick & tile, Millbury, O.
Dieffenbacher, P., & Sons, contractors, Massillon, Ohio.
Diehl, F. F., contractor, 3539 Shaw av, Cincinnati, Ohio.
Diehl, G. M., Mach. Wks., Wabash, Ind.
Diehl, H. P., Co., fireworks, Lawrenceburg, Ind.
Diehl, H. Robert, architect, Chamberlaine Bldg., Norfolk, Va.
Diehl Mfg. Co., machsts., Elizabeth, N. J.
Diehl Novelty Co., mchsts. & fdrs., Glenbeulah, Wis.
Diehl, Omwake & Diehl, masons' & bldrs.' matls., Chambersburg, Pa.
Diehl Pottery Co., Philadelphia, Pa.
Diehl, Wm. H., badges & buttons, Philadelphia, Pa.
Dielectric Mfg Co., compounds, wood preservatives, paints, varnishes, etc., 224 S. Vandeventer av, St. Louis, Mo.
Dielmann, Jno. C., masons' & bldrs.' matls., San Antonio, Tex.
Dielmann, L. M. J., architect, 306 E. Commerce, San Antonio, Tex.
Dielmore Valve Co., Tacoma, Wash.
Diem & Wing Paper Co., Gilbert av, Cincinnati, Ohio.
Dieman, Chas., architect, Granby Bldg., Cedar Rapids, Iowa.
Diemer, John F., Co., envelopes, 67 Cortlandt, New York.
Diemer, Julius J., architect, 118 E. 28th, New York.
Diemer, Philip H., architect, 128 Humboldt, Weehawken, N. J.
Dienelt & Eisenhardt, power hammers, linoleum & textile machinery, 1304 No. Howard, Philadelphia, Pa.
Diener, Geo. W., Mfg Co., cans, torches, fire extinguishers, etc., 400 Monticello av, Chicago, Ill. *See adv. index at end of book.*
Diener, T. C., & Co., stone producers, 1157 W. 21st, Chicago, Ill.
Dienst, A. P., Co., steam fitters', mill & facty. supplies, 2604 3d av, New York.
Diercks-Blodgett Shipbldg. Co., Pascagoula, Miss.
Dierks Lbr. & Coal Co., masons' & bldrs.' matls., Gates Bldg., Kansas City, Mo.
Dierks & Sons Lbr. Co., sash, door & blind mfrs., 19th cor. Woodland av, Kansas City, Mo.
Dierlinger, Geo. H., architect, 12th & Chapline, Wheeling, W. Va.
Diestler Co., lumber, Hortonville, Wis.
Dieter Nut Co., 374 Madison av, New York.
Dieter & Wenzel Construction Co., contrs., Joplin, Mo.
Dieterler, Chas. T. E., architect, 15 W. 38th, New York.
Dietrich & Beutin, brick, Dubuque, Iowa.

Dietrich Bros., steel structural dealers, Baltimore, Md.
Dietrich, E. G. W., architect, 118 E. 28th, New York.
Dietrich, H. A. R., htg. contrs., South Bethlehem, Pa.,
Dietrich, J., & Co., soap, San Antonio, Tex.
Dietrich, John H., carriages, Greenmount & Gorsuch avs, Baltimore, Md.
Dietrich, Wm. A., contractor, Pottsville, Pa.
Dietrichs Valve-Oleum Oil Co., lubricating oils, 1252 W. 70th, Cleveland, O.
Dietrick, J. E., architect, 1014 S. 28th, Omaha, Neb.
Diets, S. J., mchsts. & fdrs., Bloomington, Ill.
Dietsch, A. Co., sash, door & blind mfrs., 2640 Sheffield av, Chicago, Ill.
Dietz, C. N., Lbr. Co., Omaha, Neb.
Dietz, Fred, Co., wire bound boxes, 1102 Madison av, Indianapolis, Ind.
Dietz, H. Z., architect, Lafayette, Ind.
Dietz, J. F., Co., desk mfrs., Cincinnati, O
Dietz Machine Co., 126 Fountain, Philadelphia, Pa.
Dietz, R. E., Co., lamps, lanterns, 60 Laight, New York.
Dietz, W. G., stone, Palmyra, Pa.
Dietze, Oscar, cornices, 208 E. 74th, New York.
Dietzgen, Eugene, Co., "T" squares, architects' & engineers' instruments, 166 W. Monroe, Chicago, Ill.
Diez & Roemer Brass Co., mchsts. & fndrs., 212 Fallsway, Baltimore, Md.
Diffany & Co., machsts., 209 Parkhurst, Newark, N. J.
Diffenerfer, E. H., architect, Winchester, Va.
Differential Car Co., Inc., dumping cars, 141 B'way, New York.
Differential Clock Co., 209 S. State, Chicago, Ill.
Difficy, Thos., & Co., trunk mfrs., Louisville, Ky.
Diffor, John, bldg. contr., Superior, Wis.
Di Fiore, D., Canning Co., San Jose, Cal.
Digel, S. H., contractor, Elwood, Ind.
Diggins, G. F., contractor, Kendallville, Ind
Diggs & Beadles, fertilizer mfrs., Richmond, Va.
Diggs, S., flour mills, Oliver Springs, Tenn.
Dighton Foundry Co., Taunton, Mass
Dighton Furnace Co., Taunton, Mass.
Dighton Stove Lining Co., Dighton, Mass.
Digneo, Carlos, contractor, Sante Fe, N. M.
Dikeman Mfg. Co., awls, clamps, scrapers, vises, screw driver mfrs., wrenches, etc., Norwalk, Conn.
Dildine Bridge & Iron Co., Hannibal, Mo.
Dilg Mfg. & Trading Co., dynamo mfrs., elec. fans, ice breakers, polish, 401 E. 163d, New York.
Dilks, Albert W., architect, Mutual Life Bldg., Philadelphia, Pa.
Dill & Collins Co., paper & pulp mills, 140 N. 6th, Philadelphia, Pa.
Dill, Harry H., lumber mfrs., Equitable Bldg., Baltimore, Md.
Dill, J. T. Co., mill & facty. supplies, 90 Walker, New York.
Dill, Jas. B., flour mills, Huntingdon, Tenn.
Dill, John W., architect, Idaho Falls, Idaho.
Dill, Lewis, & Co., lumber mfrs., Keyser Bldg., Baltimore, Md.
Dill Mfg. Co., junction boxes & metal stamping, etc., 684 E. 82d, Cleveland, Ohio.
Dill, T. C., Machine Co. (slotting machines), Somerset & Mascher, Philadelhia, Pa.
Dill, Wm., architect, Little Rock, Ark
Dill, Wm. H., Co., contractors, 153 Masten av, Buffalo, N. Y.
Dillaby, Frank H., architect, 101 Tremont, Boston, Mass.
Dillard Crawley Hardware Co., Blackstone, Va.
Dillard & Jones, flour mills, Mineral Springs, Ark.
Dille & Harris, masons' & bldrs.' matls., Valparaiso, Ind.
Dille & McGuire Mfg. Co., lawn mowers, Richmond, Ind.
Dillehay Brick Co., Danville, Ky.
Diller, Caskey & Keen, fnrds., N. 6th, c. Berks, Philadelphia, Pa.
Diller Clay & Stone Co., Lancaster, Pa.
Diller Mfg. Co., machinists, Bluffton, O.
Diller Tile Co., Bluffton, Ohio
Dilley, Clinton L., Co., masons' & bldrs.' matls., Logansport, Ind.
Dilley Foundry Co., Pine Bluff, Ark.
Dilley, Geo. E. & Son, mill & facty. supplies, Palestine, Tex.
Dilley, Wm., janitors' supplies, 22 N. 5th av, Chicago, Ill.
Dilling Cotton Mills, Kings Mountain, N. C.
Dillingham Mfg. Co., ironing boards, ladders, refrigerators, etc., Sheboygan, Wis.
Dillman, I. M., sashes, doors & blinds, Long Beach, Cal.
Dillner-Meyer Mfg. Co., turnbickles for aircraft, W. Hoboken, N. J.
Dillon Box Iron Wks. Co., machsts., Denver, Colo.
Dillon, C. E., architect, Mechanics Bldg., Petersburg, Va.
Dillon, D. M., Steam Boiler Wks., Fitchburg, Mass.
Dillon, Edward F., contractors, 5 N. First, Albany, N. Y.
Dillon Electric Grinder Co., Canton, Ohio.
Dillon Hardware Co., Denver, Colo.
Dillon, Jno., & Co., contractors, 179 W. Washington, Chicago, Ill.
Dillon, Jno. L., masons' & bldrs.' matls., Salem, N. Y.
Dillon, John Robert, architect, Grant Bldg., Atlanta, Ga.
Dillon, J. W., masons' & bldrs.' matls., Thomasville, Ga.
Dillon, McLellan & Beadel, architects, 3 W. 29th, New York.
Dillon Machine Co., Lawrence, Mass.
Dillon, Moses, Co., masons' & bldrs.' matls., Sterling, Ill.
Dillon Plow Works, Dillon, S. C.
Dillon Supply Co., mill & facty. supplies, Raleigh, N. C.
Dillon's, E., Sons, lime mfrs., Indian Rock, Va.
Dilts Machine Works, paper mill machinery, knives, etc., Fulton, N. Y.
Dilworth, Porter & Co., machsts. & fndrs., 4th & Bingham, Pittsburgh, Pa.
Dilzer, Fred, htg. contractor, 58 W. Kinzie, Chicago, Ill.
Dimock & Fink Co., mill & facty. & plumbers' supplies—jobbers, 220 E. 125th, New York.
Dimock, Gould & Co., lbr. mfrs., Moline, Ill.
Dimond, J. H. E., & Son, carriages, Urbana, Ohio.
Dimond Milling Co., cereal foods, Keokuk, Ia.
Dimond-Union Stamp Wks., 175 Washington, Boston, Mass.
Dinan, Thos. (Est. of), brick, East Kingston, N. Y.
Dines, Wm. L., Jr., Co., machsts. & rice & coffee hulling machy., Worcester, Mass.
Ding & Teuscher, cornices, 11 Holland, Newark, N. J.
Dingee, M. H., & Co., lubrg. oils, 254 Water, New York.
Dingelstedt & Co., arsenic, 21 State, New York.
Dingfelder, W. S., lbr., sash, door & blind mfr., Hamilton, Ohio.
Dingley, E. S., Co., canned goods, West Farmington, Me.
Dings, Chas. W., mill & facty. supplies, Oswego, N. Y.
Dings Magnetic Separator Co., magnetic separators for all purposes, 672 Smith, Milwaukee, Wis.
Dini, Geo. L., papier mache mfrs., 483 Baltic, Brooklyn, N. Y.
Dinkel, J. S., lumber, Longwood, Fla.
Dinkel & Jewell Co., masons' & bldrs.' matls., Tarrytown, N. Y.
Dinkelberg, Frederick P., architect, 80 E. Jackson blvd., Chicago, Ill.
Dinkins-Davidson Hardware Co., Atlanta, Ga.
Dinn, P. J., & Co., archl. iron, 278 Dover, Boston, Mass.
Dinnebeil Bros., contractors, 200 5th av, New York.
Dinnie, J. A., Co., contractors & masons' & bldrs.' matls., Grand Forks, N. D.
Di Novo, Frank, contractor, Troy, N. Y.
Dinsmoore, Wm. W., architect, 28 School, Boston, Mass.
Dinsmore Mfg. Co., sewing machs. & machy., Salem, Mass.
Dinwiddie Stave Co., cooperage stock, Louisville, Ky.
Dinwiddie Constr. Co., Yeon Bldg., Portland, Ore.
Dion, Alfred O., architect, 22 Park Vale av, Boston, Mass.
Dion, Geo. P., architect, Chicopee, Mass.
Dion, N. G., architect, Hoquiam, Wash
Dippold, A. P., architect, 4747 Cottage Grove av, Chicago, Ill.
Dippold, Fred M., stone, St. Marys, Pa.
Direct Advtg. Co., advtg. spec., Erie, Pa.
Direct Line Telephone Co., 450 Broome, New York.
Direct Separator Co., steam separators, Syracuse, N. Y.
Dirigo Packing Co., Machias, Me.
Dirksen, R. D., sash, door & blind mfrs., Freeport, Ill.
Di Roma, Tony, landscape architect, 33 Evelyn pl, New York.
Dirr, Geo. L., & Son, cornices, 3631 Warsaw av, P. H., Cincinnati, Ohio.
Disappearing Roller Screen Co., 2544 W. Pico, Los Angeles, Cal.
Disborough, Geo., contractor, Connersville, Ind.
Disbrow, M. A., & Co., glass & masons' & bldrs.' matls., Lyons, Ia.
Disbrow Sash & Door Co., Cedar Rapids, Ia.
Disc Grader & Plow Co., Andrus Bldg., Minneapolis, Minn.
Dischert, Geo. C., Carriage & Wagon Co., 915 Washington, St. Louis, Mo.
Disco Elec. Starter Corp., Boyer Bldg., Detroit, Mich.
Dishaw & Dishaw, machinists & founders, Canton, N. Y.
Disher, Anderson E., lumber, Dexter, Mo.
Dishman, A. T., common brick, Spokane, Wash.
Dismore, Geo. W., packing box mfrs., Lawrence, Mass.
Dispatch Motor Car Co., 1200 av S E., Minneapolis, Minn.
Display Fountain Mfg. Co., elec. illuminated signs, 187 B'way, New York.
Dissinger Farm Co., machsts. & fndrs., Wrightsville, Pa.
Disston, Henry, & Sons, saw sharpening & metal cutting-off machinery & screw rods, Tacony, Philadelphia, Pa
Distinctive Homes Co., architects, 216 Boston Blk., Seattle, Wash.
Distler, John C., cornices, Mishawaka, Ind.
District of Columbia Paper Mfg. Co., 3255 K, N. W., Washington, D. C.
Ditch, Bowers & Taylor, carriages, Mt. Roy & North, Baltimore, Md.
Ditchitt, Thos. (Est.), roofing slate, Bangor, Pa.
See adv index at end of book.
Dithey, Wm. J., architect, 1 Union sq., W., New York.
Ditmars, I. E., architect, 111 5th av, New York.
Dittlinger, H., Roller Mills Co., flour, New Braunfels, Tex.
Dittlinger Lime Co., New Braunfels, Tex.
Dittman, Fred, Hardware Co., cornices & skylights, La Crosse, Wis.
Dittmar, John, & Son, wood handles, 800 E. Pratt, Baltimore, Md.
Dittmar Powder Wks., 102 W. 130th, New York.
Ditto, Chas. H., duck calls, Keithsburg, Ill.
Ditto, G. M., machinist, Joliet, Ill.
Dittoe, Fahnestock & Ferber, architects, Carew Bldg., Cincinnati, Ohio.
Dittrich, Henry C., architect, Wocester Bldg., Portland, Ore.
Dittrick & Jordan Elec. Co., armature re-winding, 8700 Lorain av, Cleveland, Ohio.
Ditzel & Ward, contractors, Batavia, N. Y.
Ditzler Color Co., 20 Baltimore av, W., Detroit, Mich.
Ditzler Hardwood Co., Bluffton, Ind.
Diulus, Guy, contractor, 389 Boquet, Pittsburgh, Pa.

Divekey Bros., machsts. & mill & facty. supplies, Aurora, Ill.
Diven Mfg. Co., filing cabinets & devices, Elmira, N. Y.
Diversey Fdry. Co., Chicago, Ill.
Divex Chemical Corp., 320 5th av, New York.
Divine Bros. Co., buffing & polishing wheels, Utica, N. Y.
Divine, Dwight, & Son, cutlery mfrs., Ellenville, N. Y.
Devine, Fred D., Co., fishing rods, Utica, N. Y.
Dix Bros., flour mills, Wytheville, Va.
Dix, Chas. B., machsts. & fndrs., Glens Falls, N. Y.
Dix, Chas. H., stone, 52 B'way, New York.
Dix, John C., Son & Co., carriages, Memphis, Tenn.
Dix Mfg. Co., hdwe. mfrs., Eager & Fallsway, Baltimore, Md.
Dix-Mason Brick Co., Marion, Ohio.
Dixie Brick & Tile Co., Puryear, Tenn.
Dixie Cotton Mills, La Grange, Ga.
Dixie Cotton Oil Co., Montgomery, Ala.
Dixie Cotton Oil Mill, cottonseed meal, Little Rock, Ark.
Dixie Culvert & Metal Co., pipe, dredge & pontoon, Atlanta, Ga.
Dixie Fertilizer Co., Dublin, Ga.
Dixie Guano Co., fertilizer mfrs., Suffolk, Va.
Dixie Lime & Cement Corp., Norfolk, Va.
Dixie Logging Tool Co., Chattanooga, Tenn.
Dixie Lumber Co., Mobile, Ala.
Dixie Mach. Co., Tampa, Fla.
Dixie Mfg. Co., dust collectors, Stockholm & Russell, Baltimore, Md.
Dixie Mattress Co., Hattiesburg, Miss.
Dixie Milling Co., flour, Burlington, N. C.
Dixie Milling Co., flour, High Point, N. C.
Dixie Motor Car Co., 3d & K, Louisville, Ky.
Dixie Packing Co., Atlanta, Ga.
Dixie Portland Cement Co., Chattanooga, Tenn.
Dixie Seal & Stamp Co., stencils, Atlanta, Ga.
Dixie Vehicle Manufacturing Co., Ltd., 721 St. Joseph, New Orleans, La.
Dixon & Ballou, plumbers' supplies—jobbers, 37 Carroll, Buffalo, N. Y.
Dixon, Chas. E., & Son, trench braces, 3027 Liberty av, Pitts., Pa.
Dixon, Chas. R., Co., machinists, Kingston, N. Y.
Dixon & Dixon, contrs., Martins Ferry, Ohio.
Dixon Glass Co., Los Angeles, Cal.
Dixon, H. L., Co., glass house moulds & machsts. & fndrs., Rosalyn rd, Pittsburgh, Pa.
Dixon, John, & Son, cornices, Racine, Wis.
Dixon, Joseph Crucible Co., graphite products, Jersey City, N. J.
Dixon Lubricating Saddle Co., stirrups & levers, Bristol, R. I.
Dixon Mfg. Co., machsts. & fndrs., Austin, Tex.
Dixon, Robt. B., & Co., masons' & bldrs.' matls., Easton, Md.
Dixon, Robt. C., architect, 544 Park av, Trenton, N. J.
Dixon Springs Milling Co., flour, Dixon Springs, Tenn.
Dixon Valve & Coupling Co., 11th & Race, Philadelphia, Pa.
Dixon, Wm., mill & facty. supplies, watchmakers' & jewelers' tools, etc., 39 John, New York.
Dixon, Wm. F., cotton & wool waste, 102 Levering, Phila., Pa.
Dixon, W. W., architect, 1844 5th av, Oakland, Cal.
D. & J. Co., machinists, West Lafayette, Ohio.
Djorup, Frank, sanitary flooring, concrete hardeners, 133 Washington, Chicago, Ill.
Dlouhy, Vincent, Sash & Door Co., 2138 Laflin, Chicago, Ill.
Doak, Albert, contractor, 2138 Arch, Philadelphia, Pa.
Doak Gas Engine Co., Oakland, Cal.
Doan, A. M., contractor, 318 Huron, Toledo, Ohio.
Doan, Israel, & Sons Co., contractors, Aurora, Ill.
Doan, T. E., Bellingham, Wash.
Doane & Bartlett Co., oils, Beaufort, N. C.
Doane, E. E., arcihtect, Peoples Bank Bldg., Passaic, N. J.
Doane, G. E., mill & facty. supplies, Middleboro, Mass.
Doane, G. M., & Sons, contractors, Santa Maria, Cal.
Doane & Jones Lbr. Co., Elmira, N. Y.
Doane Mfg. Co., wood handles, Allston, Mass.
Doane Motor Truck Co., 425 4th, San Francisco, Cal.
Dobbertin, A. C., corn brooms, Rochester, N. Y.
Dobbie Fdry. & Mach. Co., contractors' tools & supplies, etc., & drag line excavators, Niagara Falls, N. Y.
Dobbin, Geo. F., architect, 8341 Germantown av, Phila., Pa.
Dobbins, C. E., & Co., machinists, 460 N. Halsted, Chicago, Ill.
Dobbins Core Drill Co., 112 W. 42nd, New York.
Dobbins Mfg. Co., gasoline soldering iron, 127 S. 1st, Minneapolis, Minn.
Dobbins, Seward G., architect, Atlantic City, N. J.
Dobbins Soap Mfg. Co., 119 S. 4th, Philadelphia, Pa.
Dobbins, T. A., & Co., flour, Rusk, N. C.
Dobbins, W. H., & Co., confetti, 48 N. Front, Philadelphia, Pa.
Dobbs, Jos., contractor, Bernardsville, N. J.
Dobbs, S. B., masons' & bldrs.' matls., 1218 Chestnut, Phila., Pa.
Dobeas, Louis, lumber, Ingalls, Mich.
Dobell, R. H., architect, Carvallis, Ore.
Doble, Abner, auto. bldr., Waltham, Mass.
Doble-Detroit Steam Motor Co., Detroit, Mich.
Dobson, Frank, htg. contr., 319 E. 53d, New York.
Dobson, J. & J., woolen blankets, plushes, Falls Schuylkill, Philadelphia, Pa.
Dobson Mfg. Co., dairy app. & supplies, Rockford, Ill.
Dobson & Olive, contrs., Montgomery, Ala.
Dobson, R. P., & Co., heating contr., Paca & Saratoga, Balti., Md.
Dobson, W. H., contractor, Wilkes-Barre, Pa.
Dobson, Wm., spray cans, Canastota, N. Y.
Dock, Wm., & Co., soap, 2144 Colerain av, Cincinnati, Ohio.
Dockham Publishing Co., 6 Beacon, Boston, Mass.
Dockray, H. V., Brass & Iron Co., Zanesville, Ohio.
Dockstader, Otis, & Son, architects, 103 W. Church, Elmira, N. Y.
Dockwiler & Kingsbury Co., ground bone, Indianapolis, Ind.
Dodd, A. W., & Co., glue & fish oils, Gloucester, Mass.
Dodd & Carpenter, brick, Jamestown, Ohio.
Dodd City Oil Mill Co., meal, Dodd City, Tex.
Dodd Co., engng. & surveying instrs., 1936 E. 6th, Cleveland, O.
Dodd & Struthers, lightning rods, Des Moines,, Ia.
Dodd, Thos. J., contractor, Norwich, Conn.
Dodd, W. J., Esq., architect, 520 W. 7th, Los Angeles, Cal.
Doddington Co., sash, door & blind mfrs., 451 W. Broad, Columbus, Ohio.
Doddridge Window Glass Co., West Union, W. Va.
Dodds, Alex., Co., machinists, Grand Rapids, Mich.
Dodds Canning Co., Dodds, Ohio.
Dodds, Everett S., Co., architects, Brandeis Theatre Bldg., Omaha, Neb.
Dodds, Geo., & Sons Granite Co., Xenia, Ohio.
Dodds, John A., stone producers, 2929 Ellsworth, Phila., Pa.
Dodds L'br. Co., Omaha, Neb.
Dodds-Page Co., architects, Lennox Bldg., Cleveland, Ohio.
Dodge, Albert J., thermometers, Peterboro, N. H.
Dodge, August W., boilers, furnaces, etc., Springfield, Mass.
Dodge & Bliss Co., lbr. mfrs. & shooks, boxes, W. End, Jersey City, N. J.
Dodge Bros., automobile bldrs., Campau av, Detroit, Mich.
Dodge, C. A., Co., contractors, 166 Devonshire, Boston, Mass.
Dodge, C. A., Co., contractors, Cambridge, Mass.
Dodge, Chas. S., machinists, Lowell, Mass.
Dodge Clothespin Co., wood dishes, Caudersport, Pa.
Dodge-Davis Mfg. Co., woolen flannels, Bristol, N. H.
Dodge-Dickinson Co., mattresses, Bloomington, Ill.
Dodge, Edwin L., htg. contr., 8 Friend, Boston, Mass.
Dodge, Edwin S., architect, 15 Exchange, Boston, Mass.
Dodge, E. J., Co., lumber mfrs., 16 California, San Fran., Cal.
Dodge Fertilizer Co., Eastman, Ga.
Dodge, F. W., trade publication, 119 W. 40th, New York.
Dodge, Haley, Co., wholesale heavy harwdare, mill, factory, railroad & blacksmith supplies, also carriage woodwork, 218 High, Boston, Mass.
Dodge, Harry, contractor, Bellows Falls, Vt.
Dodge, H. B., & Co., sash, door & blind mfrs., 332 So. Michigan av, Chicago, Ill.
Dodge, H. C., Inc., turret lathes, 46 Alger, Boston, Mass.
Dodge-Haley Co., whol. hdwe. & mill & facty. supplies, 218 High, Boston, Mass.
Dodge, J., Bros., machsts. & fndrs., Campan av, Detroit, Mich.
Dodge Lumber Co., Monroe, Wis.
Dodge Lumber & Fuel Co., Rochester, Minn.
Dodge Mfg. Co., mill & facty. supplies, Mishawaka, Ind.
Dodge & Morrison, architects, 135 Front, New York.
Dodge & Olcott Co., oils, 87 Fulton, New York.
Dodge, Paul L., architect, Asbury Park, N. J.
Dodge, R. Irving, architect, 233 Broadway, New York.
Dodge, Robt., glass stainer, 242 W. 14th, New York.
Dodge Sales & Engineering Co., power transmission machy., Mishawaka, Ind.
Dodge Scale Co., 126 11th av, New York.
Dodge, S. P., Co., carriages, Manchester, N. H.
Dodge Tool Co., Grinnel, Ia.
Dodgen Canning Co., Gentry, Ark.
Dodgson, L. P., & Son, masons' & bldrs.' matls., McLean, Ill.
Dodson & Card Co., heating contractors, 699 Howard, Detroit, Mich.
Dodson, E., Saw Mill & Lbr. Co., 557 Cleveland av, Columbus, O.
Dodson, Fisher, Brockman Co., harness, 15 N. 3d., Minneapolis, Minn.
Dodson, H. C., Jr., architect, St. Michaels, Md.
Dodson, J. V., machinist, Norwich, Kan.
Dodson Saddlery Co., Dallas, Tex.
Doe, F. A., contractor, Amesbury, Mass.
Doe, Frank P., Lumber Co., 16 California, San Francisco, Cal.
Doe, Walter S., commutator compounds, Kent, Ohio.
Doehler Die-Casting Co., Huntington, Brooklyn, N. Y.
Doehrer, Bernhardt, architect, 15 Fairfield av, Bridgeport, Conn.
Doelger & Kirsten, machsts., 507 Cedar, Milwaukee, Wis.
D'Oench & Yost, architects, 105 W. 40th, New York.
Doeppers, E. C., & Co., architects, Bloomington, Ind.
Doering, C., & Son, tinning & japanning, 1375 W. Lake, Chicago, Ill.
Doermann-Roehrer Co., masons' & bldrs.' matls. & mill & facty. & mine supplies, 318 E. 3rd, Cincinnati, Ohio.
Doerr Bros., architects, 28 E. Jackson blvd., Chicago, Ill.
Doerr, Burt O., architect, Battle Creek, Mich.
Doerr Glass Co., glassware, Vineland, N. J.
Doerun Lead Co., Bonne Terre, Mo.
Doerun Oil Mill Co., Doerun, Ga.
Doerzbach Bros., contractors, Sandusky, Ohio.
Doggett, Stanley, hydraulic lime & clay, minerals, etc., 11 Cliff, New York.
Doherty Bros., iron fndrs., Lowell, Mass.
Doherty, Eugene (Est. of), rubber goods, 110 Kent av, Brooklyn, N. Y.
Doherty, Frank E., contractor, 133 W. Washington, Chicago, Ill.
Doherty, Frank J., cornices & skylights, Lynchburg, Va.

Doherty Hardware Co., Ltd., Baton Rouge, La.
Doherty, Jos., & Bro., contractors, ft. of Hallam, Bridgeport, Conn.
Doherty Lime & Stone Co., The Spitzer, Toledo, Ohio.
Doherty, Peter J., architect, Leicester, Mass.
Doherty, Philip, Hardware & Supply Co., Latrobe, Pa.
Doherty, Timothy F., architect, 347 Poplar, New Haven, Conn.
Dohmen, Anton, architect, 1st Nat. Bk. Bldg., Milwaukee, Wis.
Dohn, Fischer & Beyer, sash, door & blind mfrs., Buffalo, N. Y.
Doig, Wm. S. (Est. of), machinist, 54 Franklin, Brooklyn, N. Y.
Doke, F. L., Lbr. Co., Corsicana, Tex.
Dolan, Daniel J., masons' & bldrs.' matls., 1643 Market, San Francisco, Cal.
Dolan, Mrs. Ellen, contractor, Betehl, Conn.
Dolan, Jos. M., contractor, 197 Sidney, Boston, Mass.
Dolan, Thos., Heating Co., Oklahoma, Okla.
Dolan, T. & J., stone producers, 316 S. 24th, Philadelphia, Pa.
Dolan, W. J., church decorations, 100 Boylston, Boston, Mass.
Doland, J. A., & Co., contractors, New London, Conn.
Dolbeer & Carson Lumber Co., Merchants' Exch. Bldg., San Francisco, Cal.
Dolby, S. W., Jr., canned goods, Whitehaven, Md.
Dolby, W. H., canned goods, Whitehaven, Md.
Dold, Jacob, Packing Co., meat, Buffalo, N. Y.
Dold-Walls Co., kitchen utensils, 417 Commerce, Phila., Pa.
Dole, E., & Co., woolen flannels, Campton, N. H.
Dole, M. H., lumber mfrs., Washington, N. H.
Dole, Osgood & Co., carriages, Peabody, Mass.
Dole Valve Co., 208 No. Wells, Chicago, Ill.
Doles, Edwin E., spokes, rims (carriage & wagon wheel), Greensburg, Ind.
Dolese Bros. Co., contractors, stone, 10 S. La Salle, Chicago, Ill.
Dolese & Shepard Co., contractors & masons' & bldrs.' matls., 108 S. La Salle, Chicago, Ill.
Dolezal, Jos., pearl buttons, Long Island City, N. Y.
Dolge, C. B., Co., compounds, disinfectants, etc., Westport, Conn.
Dolgeville Felt Shoe Co., Dolgeville, N. Y.
Dolgoff, Jas. L., scrap brass, Bridgeport, Conn.
D'Olier Centrifugal Pump & Machine Co., 1421 Chestnut, Philadelphia, Pa.
Doliff, L. P., & Co., lumber, 615 Lumber Ex. Bldg., Minneapolis, Minn.
Dolinsky Bros., contractors, Cleveland, Ohio.
Doll, Jacob, & Sons, pianos, 100 Southern blvd, New York.
Doll, Wm., founders, Dresden, O.
Dollan, Jos., Contrg. Co., 25 W. 140th, New York.
Dollar, Robert, Co., lumber, 230 California, San Francisco, Cal.
Dollar, W. H., Mfg. Co., killers, fly swatters, Camden, N. J.
Dollard Const. Co., contrs., Syracuse, N. Y.
Dollard, Jas., Co., contractors, Troy, N. Y.
Dollard, M. F., contractor, Albany, N. Y.
Dollinger, John, tubular boilers, Beaumont, Tex.
Dolliver, J. W., architect, 201 Sansome, San Francisco, Cal.
Dollman, Henry, contractor, Merchants' Bk. Bldg., Indianapolis, Ind.
Dollman, J. W., cornices & skylights, Glendale, Ohio.
Dolloff, C. W., & Co., contractors, 20 Central, Boston, Mass.
Dolman, Chas., knitted gloves, 48 E. Court, Cincinnati, Ohio.
Dolomite Products Co., stone producers, 1110 Euclid av, Cleveland, Ohio.
Dolph, John C., Co., insulating compounds, 178 Emmett, Newark, N. J.
Dolph Mfg. Corp., impregnating compounds, 519 W. 38th, New York.
Dolphin Cutlery Co., 3 W. 29th, New York.
Dolphin Jute Mills, cordage & twine mfrs., Paterson, N. J.
Dolphin White Lead & Color Wks., paint mfrs., Plainville, Ohio.
Doman, H. C., Co., marine engines, 5th, Oshkosh, Wis.
Dombrowski, F. A., founders, Neshkoro, Wis.
Dome, Geo., contractors, Middletown, Ohio.
Domestic Appliance Co., vacuum cleaners, Rochester, N. Y.
Domestic Chemical Corp., copper & zinc sulphate, Maspeth & Gardner avs, Brooklyn, N. Y.
Domestic Engine & Pump Co., Shippensburg, Pa.
Domestic Engng., trade publications, 37 W. Van Buren, Chicago, Ill.
Domestic Engineering Co., electric lighting systems for residences, etc., & electric lighting plants, Dayton, Ohio.
Domestic Gas Iron Co., sad irons, 1001 Black Adore av, Pittsburgh, Pa.
Domestic Laundry Equipment Corp., laundry machinery mfrs., 1365 Lexington av, New York.
Domestic Nov. Co., 217 High, Newark, N. J.
Domestic Plating Wks. Co., 1121 Washington blvd., Chicago, Ill.
Domestic Sewing Mach. Co., 19 W. Jackson blvd., Chicago, Ill.
Domestic Soap Mfg. Co., scouring powders, 113 6th, Long Island City, N. Y.
Domestic Talking Machine Co., 33d & Arch, Philadelphia, Pa.
Domestic Tungsten Lamp Co., 418-420 Tenth, West New York, N. J.
Domestic Utilities Co., dish washing machines, Newark, N. J.
Domestic Vacuum Cleaner Co., Torrington, Conn.
Domhoff & Joyce Co., pig iron dlrs., 4th & Elm, Cincinnati, Ohio.
Dominick & Haff, silver nov., 545 W. 23d, New York.
Dominick, William F., architect, 3 W. 29th, New York.
Dominion Asbestos & Rubber Corp., packings, Tribune Bldg., 154 Nassau, New York. *See adv index at end of book*
Dominion Iron Wks., machsts. & fndrs., Bristol, Va.
Dominion Metal Products Co., road culverts & cornices & skylights, shingles, etc., Roanoke, Va.
Dommermuth, M., contractor, Avoca, Pa.
Domsohn, C. J., & Co., contractors, Coatesville, Pa.
Donaghmore Iron & Steel Co., scrap iron, Lebanon, Pa.
Donahoe Bros., contractors, Middletown, Conn.
Donahoe & Nolan, brick, Trenton, N. J.
Donahoo & Kidd, contractors, Jacksonville, Fla.
Donahue & Co., bldg. contrs., 318 Bradford av, Milwaukee, Wis.
Donahue, Edw., contractor, Janesville, Wis.
Donahue Hardware Co., Sandusky, Ohio.
Donahue, J. E., Lumber Co., South Bend, Ind.
Donahue, J., & Son, bldg. contrs., 318 Bradford, Milwaukee, Wis.
Donahue, J. W., architect, 476 Main, Springfield, Mass.
Donahue & Marsden, machinists, Norfolk, Va.
Donahue, Robt., Iron & Hardware Co., Burlington, Ia.
Donahue-Selover Const. Co., Globe Bldg., St. Paul, Minn.
Donahue, W. B., contractor, Portland, Ore.
Donald, Hy. R., Sales Co., fndry. lacings, etc., Milwaukee, Wis.
Donald, James, architect, 17 Battery pl, New York.
Donald, Wm. C., & Co., lamp black mfrs., printing inks, Andover, Mass.
Donalds Oil Mill Co., meal, Donalds, S. C.
Donaldson Art Sign Co., pennant mfrs., 21st & L. N. R. R., Cov., Cincinnati, Ohio.
Donaldson Bros., agricultural implements, Mt. Clemens, Mich.
Donaldson & Fisher Co., machsts., 1654 Besley Ct, Chicago, Ill.
Donaldson Iron Co., machsts. & fndrs., Emaus, Pa.
Donaldson, J. S., contractor, Atlanta, Ga.
Donaldson & Meier, architects, Penobscot Bldg., Detroit, Mich.
Donaldson & Pearson, contractors, Atlanta, Ga.
Donaldson, W. W., contractor, Portsmouth, Ohio.
Donaldsonville Oil Mill, Donaldsonville, Ga.
Donaldsonville Shingle Co., lbr. mfrs., Donaldsonville, Ga.
Donchain, Sam'l, Rug Co., fasteners, Hartford, Conn.
Donegan, D., Co., contractors, 5904 14th av, Brooklyn, N. Y.
Donegan, J. W., architect, 39 Ann, New York.
Donegan & Swift, mill & facty. supplies, 6 Murray, New York.
Donegan, Thos. F., contractor, Trenton, N. J.
Dongan Elec. Mfg. Co., transformers, Detroit, Mich.
Donges, John, & Co., carriage bows, hubs, rims, shafts & spokes, Hamilton, Ohio.
Donigan & Nielson, fifth wheel, 743 3d av, Brooklyn, New York.
Doniphan Lbr. Co., Kansas City, Mo.
Donker & Williams Co., advtg. nov. & spec., 1322 Wabash av, Chicago, Ill.
Donley Brick Co., Washington, Pa.
Donley Bros. Co., concrete inserts, 3625 E. 74th, Ceveland, Ohio *See adv index at end of book*
Donlon, Thos., Co., contractors, 294 Butler, Brooklyn, N. Y.
Donn & Deming, architects, 808 17th, N. W., Washington, D. C.
Donn, Jno. M., architect, 1516 H, N. W., Washington, D. C.
Donnally, A. H., machst. & fndr., Fairmont, W. Va.
Donnan, W. S., Hardware Co., McDonough, Richmond, Va.
Donnell, C. E., & Co., printing inks, Sawyer Bldg., St. Louis, Mo.
Donnell, Harry E., architect, 225 5th av, New York.
Donnell, W. J., Lumber Co., Perth Amboy, N. J.
Donnellan & McKenzie, stone producers, Tacoma, Wash.
Donnelley, Wm. T., naval architect, 17 Battery pl, New York.
Donnelly & Blanthorn & Co., machsts., 526 W. 28th, New York.
Donnelly Brick Co., Berlin, Conn.
Donnelly, D. B., steam fitters' supplies, Fairfield, Me.
Donnelly, D. St. C., architect, New London, Conn.
Donnelly, John, holders, Branford, Conn.
Donnelly, J. R., Co., plate & window glass, 54 Classon av, Brooklyn, N. Y.
Donnelly-Kelly Glass Co., furn. tops, Holland, Mich.
Donner Steel Co., 475 Abbott rd, Buffalo, N. Y.
Donoghue James, soldering presses, Cleveland, O.
Donnelly Machine Co., Brockton, Mass.
Donohue, E. J., architect, Gilfillan Blk., St. Paul, Minn.
Donohue, John T., tackle blocks, 704 S. Potomac, Baltimore, Md
Donohue-Selover Construction Co., 699 Virginia av, St. Paul, Minn.
Donohue's, P. J., Sons, tubular boilers, 108 Wallabout, Brooklyn, N. Y.
Donovan & Crandall, architects, 600 Lexington av, New York.
Donovan, D. A., pipe hangers, Auburn, N. Y.
Donovan, D. F., cornices & skylights, 505 Newark av, Jersey City, N. J.
Donovan Iron & Supply Co., 812 N. Main, St. Louis, Mo.
Donovan, John E., contractor, 2205 Richmond ter, Port Richmond, N. Y.
Donovan, John F., contractor, West New Brighton, N. Y.
Donovan, John Jos., architect, Dalziel Bldg., Oakland, Cal.
Donovan Lumber Co., Aberdeen, Wash.
Donovan, Michael J., architect, Vicksburg, Miss.
Donovan, Walter A., architect, Meriden, Conn.
Donovan, Wm., contractor, Austin, Minn.
Donovan, Wm. J., cornices, 1506 Ogden, Philadelphia, Pa.
Donovan Wire & Iron Co., Chicago & W. & L. E. Ry. Toledo, O.
Doody Vapor Heating Co., Inc., The, heating appliances, 46 Cornhill, Boston, Mass.
Dooley Bros., mfrs. of miners' tools & jobbers miners' supplies, 604 S. Adams, Peoria, Ill.
Dooley, C. E., brick, Scotts Bluff, Neb.

Dooley, C. L., Inc., contractor, 257 Adelphi, Brooklyn, N. Y.
Dooley Hardware Co., Rockville, Ind.
Dooley, Jas. J., & Sons, masons' & bldrs.' matls., Cohoes, N. Y.
Dooley, Killian, Co., Inc., contractors' supplies, 26 Cortlandt, New York.
Dooley & Robinson Bros., fertilizer mfrs., Cardiff, Md.
Doolittle, Hy. N., packing box mfr., 31 Bruen, Newark, N. J.
Doolittle, L. G., machinist, Binghamton, N. Y.
Dooly Fertilizer Co., Vienna, Ga.
Dooly, Jno. E., Hdwe. Co., 1041 N. Vandeventer av, St. Louis, Mo.
Dopp, H. W., Co., vacuum pans, Buffalo, N. Y.
Dopp, J. W., & Co., dealers, equipment, tools & machinery, 1420 Dime Bk. Bldg., Detroit, Mich.
Doppes, J. B., Sons Lbr. Co., 1250 Gest, Cincinnati, Ohio.
Dopplier, Jos., contractors, Indiana Harbor, Ind.
Doran Bros., machsts. & fndrs., Danbury, Conn.
Doran & Co., ties, poles, etc., Bell Blk., Cincinnati, Ohio.
Doran, Jas. W., architect, Sidney, Ohio.
Doran Mfg. Co., gasolene pumps, etc., 612-620 W. Lake, Chicago, Ill.
Doran, Jno. A., cornices, Chester, Pa.
Doran, M. M., bldg. contr., Madison, Wis.
Doran & Sharp Brass Fdry., 2715 Whatcomb av, Seattle, Wash.
Dorchester Brass & Aluminum Foundry, Jamaica Plain, Boston, Mass.
Dorchester & Hughey, lumber mfrs., Bellevue, Ia.
Dorchester Pottery Wks., bean pots, 9 Preston, Boston, Mass.
Dore, A. E., Jr., architect, 438 14th, West New York, N. J.
Doremus, J. T., Co., whol. hdwe., 66 Washington, Paterson, N. J
Doremus Machine Co., 302 13th, N. W., Washington, D. C.
Dorer, C. L., Fdry. Co., Bellaire, Ohio.
Dorer, John, contractor, Irvington, N. J.
Dorflinger, C., & Sons, glass tumblers & cut glassware, White Mills, Pa.
Dorfman & Sons, second hand bags, 269 South, New York.
Dorfmann Bros., thermometers, Corona, N. Y.
Dorfmann, D. W., architect, 69 W. 113th, New York.
Dorhoffer, F. J., Co., cornices, Butte, Mont.
Dorian Demountable Rim Co., 223 W. 53rd, New York.
Doric Art Glass Co., shades, Minneapolis, Minn.
Doriot, H., architect, Bristol, Tenn.
Dorman & Co., mill & facty. supplies, Freeport, Ill.
Dorman, E. E., machsts. & fndrs., Cookeville, Tenn.
Dorman, H. W., cornices, 243 Congress av, New Haven, Conn.
Dorman, Jas., stone, Lawrence, Mass.
Dorman, J. F. W., Co., rubber stamp makers' supplies, mfrs., Baltimore, Md.
Dorman, Jno. H., machinist, 1 Bethune, New York.
Dorman & Smyth Hdwe. Co., cornices, Salisbury, Md.
Dorming-Price Lumber Co., Broxton, Ga.
Dorn, Fred R., architect, Marsh-Strong Bldg., Los Angeles, Cal.
Dorn & Marcellus Co., valve mfrs., Mascher & York, Phila., Pa.
Dornbaum Knitting Co., sweaters, etc., 3136 Lincoln av, Chicago, Ill.
Dornette, Edward H., architect, Pickering Bldg., Cincinnati, O.
Dornette, J., & Bro. Co., desk mfrs., 1250 Harrison av, Cincinnati, Ohio.
Dornfeld Iron Wks., gas producers, Watertown, Wis.
Dornfeld, Jno. F., brewery architects, 2148 Washington blvd., Chicago, Ill.
Dornfeld-Kunert Co., tubular boilers, Watertown, Wis.
Dornin, T. B., Adams Co., cornices & skylights, Lynchburg, Va.
Doron Bros. Elec. Co., Hamilton, Ohio.
Dorpfeld, Fred'k W., Co., files, 24 Kipp, Newark, N. J.
Dorr, C. M., Co., htg. contrs., Hoosick Falls, N. Y.
Dorr Co., cyanide plants & classifiers, slime, mining agitators, metallurgical engineers, Denver, Colo.
Dorr & Dorr, architects, Lumber Exchange, Minneapolis, Minn.
Dorr, Wallie, Co., billiard tables, toys, etc., 35 Murray, New York.
Dorrance, Chas. J., grate bar mfrs., 5235 Ravenswood av, Chicago, Ill.
Dorries & Co., hdwe. mfrs., saddlery, Buffalo, N. Y.
Dorris, E. A., & Sons, flour mills, Hendersonville, Tenn.
Dorris Motor Car Co., 4100 Laclede av, St. Louis, Mo.
Dorsch, John, & Sons, agricultural implements, 209 Wells, Milwaukee, Wis.
Dorschel, Krochne Lumber Co., Chilton, Wis.
Dorsel Co., flour mills, Newport, Ky.
Dorsett, T. W., Co., cornices & skylights, Hoboken, N. J.
Dorsey Mfg. Co., household specialties, mfrs., 39 Pearl, Boston, Mass.
Dorsey, Wm. C., contractor, Terre Haute, Ind.
Dorsey, Wm. C., sash, door & blind mfrs., Highland av & Phila. rd, Baltimore, Md.
Dort Motor Car Co., Flint, Mich.
Dorward, D., Jr., engr. consulting, San Francisco, Cal.
Dose, C. C., architect, 1516 3rd av, Seattle, Wash.
Dossert & Co., wire connectors, terminals, etc., 242 W. 41st, New York.
Doster, S. J., trunk mfr., Phoenix, Ariz.
Doten-Dunton Desk Co., 25 Arch, Boston, Mass.
Doten, S. H. & A. R., carved mouldings, Portland, Me.
Dothan Foundry & Machine Co., Dothan, Ala.
Dothan Guano Co., fertilizer mfrs., Dothan, Ala.
Doty, A. M. & F. T., masons' & bldrs.' matls., Leavittsburg, Ohio.
Doty & Doty, masons' & bldrs.' matls., Grand Ledge, Mich.
Doty Lumber & Shingle Co., Doty, Wash.
Doty Mfg. Co., vacuum cleaners, Callahan Power Bldg., Dayton, Ohio.
Doty, O. M., contractor, 1701 9th, Seattle, Wash.
Doub, J. W., & Bros., flour, East Bend, N. C.
Double Blast Mfg. Co., gasoline blast furnaces, firepots, North Chicago, Ill.
Double Drive Truck Co., W. Kinzie, Chicago, Ill.
Double Eccentric Piston Ring Corp., 1083 Tower Grove, St. Louis, Mo.
Double Fabric Tire Co., Auburn, Ind.
Double Service Packing Co., 244 Chestnut, Philadelphia, Pa.
Double Shoal Cotton Mill, Double Shoal, N. C.
Double Truss Cornice Brake Co., machinery, Buffalo, N. Y.
Doubleday-Hill Elec. Co., 719 Liberty, Pittsburgh, Pa.
Doucette Bros., granite, Montpelier, Vt.
Doud Lighting Co., 172 N. Sangamon, Chicago, Ill.
Doud-MacFarlane Machy. Co., mill & facty. supplies, Tacoma, Wash.
Doud Sons & Co., lbr., Winona, Minn.
Douden, A., Planing Mill Co., sash, door & blind, Millersburg, Pa.
Douds, Frank C., & Co., machsts. & ejectors, jet pumps, syphons, etc., New Castle, Pa.
Dougan, J. M., Co., contractors, Portland, Ore.
Dougherty, Andrew, playing cards, 432 4th av, New York.
Dougherty Bros. Tent & Awning Co., 116 S. 4th, St. Louis, Mo.
Dougherty, Cornelius, masons' & bldrs.' matls., 1207 Passyunk av, Philadelphia, Pa.
Dougherty, Edw., brick, 5th & Wyoming av, Philadelphia, Pa.
Dougherty, E. E., architect, Candler Bldg., Atlanta, Ga.
Dougherty, H. D., & Co., hospital furniture, 17th & Indiana, Philadelphia, Pa.
Dougherty, J. M., contractor, Ottawa, Ill.
Dougherty, J. T., surgical instruments, 409 W. 59th, New York.
Dougherty & Moss Lumber Co., St. Joseph, Mo.
Dougherty, W. F., & Sons, cooking apparatus, 925 Arch, Philadelphia, Pa.
Dougherty, W. R., contractor, 1608 Sansom, Philadelphia, Pa.
Dougherty, J. P., contractor, Globe Bldg., Minneapolis, Minn.
Doughten, H. W., agricultural implements, Moorestown, N. J.
Doughty, D. J., sashes, doors & blinds, Farmington, Mo.
Douglas Bros., granite prod., Calais, Me.
Douglas Bros., machsts. & fndrs., Aberdeen, Wash.
Douglas Co., oils, starch, Cedar Rapids, Ia.
Douglas Cut Stone Co., 2131 S. Troy, Chicago, Ill.
Douglas Fir L'br. Co., ties, Portland, Ore.
Douglas Foundry & Machine Works, Douglas, Ga.
Douglas, H. R., Inc., contractor, New London, Conn.
Douglas & Hartman, architects, Timken Bldg., San Diego, Cal.
Douglas, John, Co., plumbers' supplies & bathroom fixtures, machinists, etc., Carthage, Cincinnati, O.
Douglas & Lomason Co., carriage hwde. mfrs., Detroit, Mich.
Douglas Lumber Co., Douglas, Ariz.
Douglas Mach. Co., Luverne, Ala.
Douglas, Nathan, architect, 307 Harvard, Cambridge, Mass.
Douglas Motors Corp., Omaha, Neb.
Douglas Oil & Fertilizer Co., Douglas, Ga.
Douglas, Robt. D., tex. machy., supplies, paper cop tubes, Fall River, Mass.
Douglas & Rudd Mfg. Co., automobile accessories, Bronson, Mich.
Douglas, W. & B., pumps, garden engines, fire hydrants, etc., mfrs., & machsts. & fndrs., Middletown, Conn.
Douglas, W. H., fndrs., 1210 E, N. W., Washington, D. C.
Douglas, Wm., & Co., contractors, 109 Waterman, Providence, R. I.
Douglas-Whisler Brick Co., Beaver Falls, Pa.
Douglass, A. C., contractor, Niagara Falls, N. Y.
Douglass, D. Stuart, architect, 100 State, Albany, N. Y.
Douglass, Edwin D., packing box mfr., 443 N. 5th, Phila., Pa.
Douglass, J. E., steam fitters' supplies, 180 N. Dearborn, Chicago, Ill.
Douglass, J. E., & Son, flour mills, Aldie, Va.
Douglass, L. C., & Co., masons' & bldrs.' matls., Jefferson, Ohio.
Douglass, Thos. J., & Co., heating contrs., 441 N. Dearborn, Chicago, Ill.
Douglasville Roller Mill, flour, Douglasville, Ga.
Doullet & Williams, Inc., Hibernia Bldg., New Orleans, La.
Doun, L. G., Co., mattresses, Omaha, Neb.
Douse, William, contractor, 86 Fuller, Boston, Mass.
Dove, Wm. G., bldg. contrs., Geneva, N. Y.
Dover Boiler Wks., machsts. & boilers, tanks, etc., 50 Church, New York. *See adv. index at end of book.*
Dover Fire Brick Co., Cuyahoga Bldg., Cleveland, Ohio.
Dover Iron Co., blast furnaces, Bear Springs, Tenn.
Dover L'br. Co., Dover, Idaho.
Dover Lumber Co., Dover, N. J.
Dover Lbr. Co., Dover, Ohio.
Dover Mfg. Co., machsts. & fndrs., Dover, Ohio.
Dover Milling Co., flour, Dover, Okla.
Dover Packing Co., canned goods, Dover, Ky.
Dover Pearl Button Co., Dover, Ky.
Dover Stamping & Mfg. Co., Cambridge, Mass.
Do Ville Lake Sand & Gravel Co., Toledo, Ohio.
Dow, Albert H., architect, 101 Tremont, Boston, Mass.
Dow Bos. & Horne Co., canned goods, East Dover, Me.
Dow Chemical Co., chemicals, Midland, Mich.

Dow, J., architect, Summit, N. J.
Dow, J. C., Co., fertilizer mfrs., 148 State, Boston, Mass.
Dow, J. K., architect, Paulsen Bldg., Spokane, Wash.
Dow, Jas. M., machinist, Kenton, Ohio.
Dow, L. A., architect, Paulsen Bldg., Spokane, Wash.
Dow, L. B., mill & facty. supplies, 136 Federal, Boston, Mass.
Dow, Lewis A., architect, Melrose, Mass.
Dow Mfg. Co., spark timers & machsts. & fndrs., Braintree, Mass.
Dow Pump Works, Diesel engines & pumps, Alameda, Cal.
Dow & Sandham, lumber mfrs., Harlan, Ia.
Dow & Smith, chemical engineers, 133 E. 23rd, New York.
Dow, William H., Mfg. Co., sash, door & blind, Waukegan, Ill.
Dow Wire & Iron Works, Louisville, Ky.
Dowagiac Drill Co., Dowagiac, Mich.
Dowd, R. J., Knife Works, 717 Race, Beloit, Wis.
Dowdall, Chas. E., machinist, 152 W. B'way, New York.
Dowden Mfg. Co., agricultural implements, Prairie City, Ia.
Dowell, H., machinist, Meadville, Pa.
Dowelley, Geo. B., lbr., Alexander, Me.
Dowler, Chas. L., hdwe. mfr., 108 N. 3d, Philadelphia, Pa.
Dowler, Press C., architect, Arrott Bldg., Pittsburgh, Pa.
Dowling & Bottomley Co., contractors, 119 Broad, Bridgeport, Conn.
Dowling, J. F., & Co., contractors, Russ Bldg., San Francisco, Cal.
Dowling, Jas., canned goods, Bel Air, Md.
Dowling & Rutherford, contractors, 128 N. La Salle, Chicago, Ill.
Dowling-Schultz Hardware Co., Danville, Ill.
Dowman-Dozier Mfg. Co., contractors, Atlanta, Ga.
Down Tool Wks., twist drills, Fleetwood, Pa.
Downer, S. W., sand, Downer, N. J.
Downers Lbr. Yard, 1011 Whitesboro, Utica, N. Y.
Downes & Co., carbon paper, etc., 63 Wall, New York.
Downes, John E., contractor, New Britain, Conn.
Downey, Alois H., architect, 111 S. Franklin, Mobile, Ala.
Downey Heating & Supply Co., 615 Clybourn, Milwaukee, Wis.
Downey, J. A., architect, The Nasby, Toledo, Ohio.
Downey, John, contractor, 260 Natoma, San Francisco, Cal.
Downey, Jno. I., contractor, 410 W. 34th, New York.
Downey, Jos., contractor, 30 N. La Salle, Chicago, Ill.
Downey & McDermott, stone producers, Homewood av & Mt. Vernon, Pittsburgh, Pa.
Downey Shipbuilding Corp., Arlington, Staten Island, N. Y.
Downey, T. F., Boiler Wks., grate bar mfrs., 323 W. Austin av, Chicago, Ill.
Downey, W. C., & Co., bale ties, Springfield, Ohio.
Downey, Wallace, naval architect, 5 Nassau, New York.
Downey, Wm. H., htg. contr., 52 William, New York.
Downham, John A., & Son, canned goods, Wyoming, Del.
Downing Co., mill & facty. supplies, Brunswick, Ga.
Downing Grease Co., Boston, Mass.
Downing, Henry C., architect, Worcester Bldg., Portland, Ore.
Downing, J. E., contractor, Newport News, Va.
Downing & Lawrence, dry docks, ft. Court, Brooklyn, N. Y.
Downing, R. F., & Co., shellac, bronze powder, 45 Pearl, New York.
Downing-Smith Co., armatures & machsts., 480 S. Green, Chicago, Ill.
Downing, T. D., machinist, Vermilion, Ill.
Downing, W. T., architect, Grant Bldg., Atlanta, Ga.
Downington Iron Works, tanks, stacks, etc., mfrs., East Downington, Pa.
Downingtown Mfg. Co., machsts. & fndrs., East Downingtown, Pa.
Downingtown Paper Box Co., (folding paper box), East Downingtown, Pa.
Downman, R. H., lumber, Hibernia pl, New Orleans, La.
Downs, B. J., brass composition founders, Everett, Mass.
Downs, Frank A., Constr. Co., Canton, Ohio.
Downs, F. Goodwin, architect, 7 W. 14th, New York.
Downs, Harry T., Esq., architect, N. Y. Life Bldg., Minneapolis, Minn.
Downs & Slater, founders, Wharton, N. J.
Downs, W. A., machinist & founder, Montour, Ia.
Downs, W. H., heating contractor, 337 W. 38th, New York.
Downward, Alfred, contractor, 809 Tatnall, Wilmington, Del.
Downward, Jas. G., Co., fertilizer mfrs., Coatesville, Pa.
Dowst Bros. Co., metal nov. & spec., 124 N. Ann, Chicago, Ill.
Doxey, N. D., welding compounds, Elmira, N. Y.
Doyen, Philip H., Co., wooden ship builders, 40 Cottage South, Portland, Me.
Doyle, A. E., architect, Worcester Bldg., Portland, Ore.
Doyle & Co., contractors, 1519 Sansom, Philadelphia, Pa.
Doyle-Dacosta Mfg. Co., wire, insulated & solenoids, Easton, Pa.
Doyle & Devereaux, machinists, Industrial Bldg., Syracuse, N. Y.
Doyle & Downey, boot counters, Newburyport, Mass.
Doyle, Frank J., cornices, Johnstown, Pa.
Doyle, Geo., Corp., stone producers, workers & dealers, 103 Park av, New York.
Doyle, J. & M., contractors, Erie, Pa.
Doyle, Jas. B., wholesale hardware, Scranton, Pa.
Doyle, John, contractor, New Rochelle, N. Y.
Doyle, John T., Co., canned goods, New Haven, Conn.
Doyle & Murphy Co., contractors, Willimantic, Conn.
Doyle Roller Mills, flour, Doyle, Tenn.
Doyle, Thomas, architect, Tarrytown, N. Y.
Doyle, Thos. F., cornices, Muncie, Ind.
Doyle, W. A., airplane propellers, Trenton, N. J.
Doyle, Wm. J., machinist & founder, Rome, N. Y.
Doylestown Agricultural Co., Doylestown, Pa.
Doylestown Aluminum Ware Co., Doylestown, Ohio.
Dozier & Gay Paint Co., Jacksonville, Fla.
Dozier, Miss H. C., architect, Jacksonville, Fla.
Drach, Gustave W., architect, Union Trust Bldg., Cincinnati, O.
Drach, Gustav W. & Wm. F. Miller, architects, Springfield, Ohio.
Draeger (The) Oxygen Apparatus Co., 423 First av, Pittsburgh, Pa.
Draft Regulator Co., Grosvenor Bldg., Providence, R. I.
Dragon Mfg. Co., leather packings, Marietta, O.
Draher, John, machinist, Waterbury, Conn.
Drake Acetylene Burner & Supply Co., 1913 Mission, San Francisco, Cal.
Drake, A. W., Drilling Co., Hazelton, Pa.
Drake, A. W., Mfg. Co., fly killers, Hazelton, Pa.
Drake, B. M., architect, Reliance Bldg., Kansas City, Mo.
Drake, Bostedo Co., masons' & bldrs. matls., Netcong, N. J.
Drake-Brannum Constr. Co., Fort Worth, Tex.
Drake Bros., Lbr., Barnstead, N. H.
Drake, Clifton W., sash, door & blind mfr., Concord, N. H.
Drake & Co., chemicals, 904 Trks. Hd. Bldg., Providence, R. I.
Drake Elec. Works, vibrators, 19 S. Wells, Chicago, Ill.
Drake, H. A., architect, Reliance Bldg., Kansas City, Mo.
Drake, H. E., contractor, 180 Jessie, San Francisco, Cal.
Drake Hardware Co., Burlington, Ia.
Drake Hdwe. Co., machsts. & fndrs. & hand vacuum cleaners, Friendship, N. Y.
Drake Lock-Nut Co., lock nuts & washers, 10th & Folsom, San Francisco, Cal.
Drake Mfg. Co., cigar lighters, 143 Reed, Milwaukee, Wis.
Drake Marble & Tile Co., 58 Plato av, St. Paul, Minn.
Drake-Merritt Casket Co., Constantine, Mich.
Drake, P. A., machinist, Eau Claire, Wis.
Drake, P., & Sons, contractors, Marion, Ohio.
Drake Realty Construction Co., Omaha, Neb.
Drake, Thos., Lumber Co., Zanesville, Ohio.
Drake-Tucker Hdwe. Co., cornices, Rockford, Ill.
Drake, W. H., Co., machsts. & fndrs., 36 Clinton, Newark, N. J.
Drake-Williams-Mount Co., steel plate works, banks, etc., Omaha, Neb.
Drakenfeld, B. F., & Co., chemicals, colors, & paints, 50 Murray, New York
Drane Foundry & Supply Co., Clarksville, Tenn.
Drapeau, Wm., contractor, Lowell, Mass.
Draper Bros. Co., felts, boots, sweaters, etc., Canton, Mass.
Draper Canneries Co., Salt Lake City, Utah.
Draper Canning Co., Milton, Del.
Draper & Co., sash, door & blind, Lancaster, Pa.
Draper Corporation, textile machinery mfrs., Hopedale, Mass.
Draper, Davis, Co., fertilizer mfrs., Milford, Del.
Draper, G. H., canned goods, Milford, Del.
Draper & Hall Co., snap hooks, Middletown, Conn.
Draper, Hy. W., pkg. box mfrs., Albany, N. Y.
Draper & Hirsch, canned goods, Milford, Del.
Draper, James W., contractor, Camden, N. J.
Draper, J. O., Co., soap, cotton softeners, Pawtucket, R. I.
Draper, Luther O., Shade Co., adjustable shades, Spiceland, Ind.
Draper Mfg. Co., machsts. & fndrs., Port Huron, Mich.
Draper Mfg. Co., barometers, anemometers, thermometers, etc., 152 Front, New York.
Draper Mfg. Co., steel barrels, 3603 E. 82d, Cleveland, Ohio.
Draper, Maynard, Co., bags, sporting & athletic goods mfrs., Plymouth, N. H.
Draper & Slaughter, canned goods, Denton, Md.
Draper & Snape, wholesale hdwe., 16 N. Market, Chicago, Ill.
Draper, W. H., & Sons, cordage & twine mfrs., Troy, N. Y.
Drapery Hdwe. Mfg. Co., 87 35th, Brooklyn, N. Y.
Draver, E. R., machsts., Richmond, Ind.
Dravo Contracting Co., diamond bk. bldg., Pittsburgh, Pa.
Dravo-Doyle Co., machy. dlrs., Diamond Bk. Bldg., Pittsburgh, Pa.
Dreadnought Flooring Co., 154 W. 18th, New York.
Dreadnought Tire & Rubber Co., automobile tire mfrs., Baltimore, Md.
Dredge, A., Ruling Pen Co., 75 Gold, New York.
Dreer, Henry A., glaziers' points, 714 Chestnut, Phila., Pa.
Dreger, J. F., architect, Oshkosh, Wis.
Dregge, Groover Lbr. Co., Grand Rapids, Mich.
Dreher, Ernest A., & Son, automatic cellar drainers, 42 Walnut, Newark, N. J.
Dreher, McCoy & Spear, archts., Columbus Bldg., Spokane, Wash.
Drehmann Paving Co., 2622 Parrish, Philadelphia, Pa.
Drehmer, H. G., contractor, Corning, N. Y.
Dreier, E., & Son, contractors, 949 Armstrong av, Kansas City, Kans.
Dreifus, Chas. Co., scrap iron & steel, Oliver Bldg., Pittsburgh, Pa.
Dreifus, Emanuel, iron & steel scrap, Commercial Trust Bldg., Philadelphia, Pa.
Drein, Thos., & Son Co., life boats & preservers, Townsend & A. Wilmington, Del.
Dreis & Krump Mfg. Co., cornice brakes, & sheet metal workers' machy., 2911 S. Halsted, Chicago, Ill.
Dreiske, Wm. D., sash, door & blind mfrs., 3036 N. Chicago av, Chicago, Ill.
Drendell Electrical & Mfg. Co., 169 Erie, San Francisco, Cal.
Drennan Hdwe. Co., Syracuse, N. Y.

Drenthe-Hamilton Canning Co., Hamilton, Mich.
Drescher, Louis, machsts., 207 Centre, New York.
Dresden Spoke Co., Dresden, Tenn.
Dresden Woolen Mills, Dresden, O.
Dresen, Jos., architect, Prairie Du Sac, Wis.
Dreses Machine Tool Co., Cincinnati, O.
Dress, Geo., architect, 1931 Madison av, New York.
Dressel Ry. Lamp Wks., 3860 Pk. av, New York.
Dressendorfer, Andrew, machsts. & fndrs., Fountain City, Wis.
Dresser, S. R., Mfg. Co., machsts. & fndrs., Bradford, Pa.
Dresser, S., & Son, bags & suit cases, 500 Peoria, Chicago, Ill.
Drew, C., & Co., masons' & brick layers' tools, Kingston, Mass.
Drew Carrier Co., agricultural implements, Waterloo, Wis.
Drew-Daniels Granite Co., Waterbury, Vt.
Drew, E. F., & Co., oils, 120 Milk, Boston, Mass.
Drew Electric & Mfg. Co., 1016 E. Michigan, Indianapolis, Ind.
Drew, Fred, Co., contractor, Woodward Bldg., Washington, D. C.
Drew, George S., architect, 42 Warren av, Grantwood, N. J.
Drew, M. R., architect, Greenfield, Mass.
Drew Machy. Agency, Manchester, N. H.
Drew, Miller & Co., turpentine, Kissimmee, Fla.
Drew Oil Mills, Monticello, Ark.
Drewry Bros., toys, North Weare, N. H.
Drexel Institute of Art, Science & Industry, engng. school & coll., Chestnut & S. 32d, Philadelphia, Pa.
Drexel Motor Car Corp., 76th & Wallace, Chicago, Ill.
Dreyer, Detlef J., architect, 35 S. Dearborn, Chicago, Ill.
Dreyer, G. H., & Son, archl. iron, Cleveland, Ohio.
Dreyer, H. D., & Co., packing box mfrs., Aliceanna & Spring, Baltimore, Md.
Dreyer, H. G., & Son Co., racks, Cleveland, Ohio.
Dreyer, Jno. G., architect, 75 Oakland, Brooklyn, N. Y.
Dreyfus Bros., contractors, 324 California, San Francisco, Cal.
Driesbach, F. C., & Son, masons' & bldrs.' matls., White Pigeon, Mich.
Driesbach's, C., Sons, wholesale hdwe. & masons' & bldrs.' matls., Lewisburg, Pa.
Driesler, Benj., architect, 153 Remsen, Brooklyn, N. Y.
Driggs, C. V., Inc., plumbers' supplies, 160 E. 56th, New York.
Driggs Mfg. Corpn., autom., marine, etc., engines, lathes, etc., New Haven, Conn.
Driggs-Seabury Ordnance Co., forgings & pressed steel, Sharon, Pa.
Driscoll Bros. & Co., contractors, & masons' & bldrs.' supplies, Ithaca, N. Y.
Driscoll, Chas. F., architect, Pasadena, Cal.
Driscoll, Dennis, contractor, Brookline, Mass.
Driscoll & Fletcher, machsts., 75 Ellicott, Buffalo, N. Y.
Driscoll, Geo. F., Co., contractors, 548 Union, Brooklyn, N. Y.
Driscoll, Jos. C., contractor, Weightman Bldg., Philadelphia, Pa.
Driscoll, J., & Son Co., contractors, Brookline, Mass.
Driscoll, Timothy, contractor, Brookline, Mass.
Driscoll, T. J., & Co., contrs., Mers. Bk. Bldg., Indianapolis, Ind.
Drissel & Eberts, hardware—whol., S. Bethlehem, Pa.
Driver, C. H., & Kerr Co., machsts., Racine, Wis.
Driver-Harris Wire Co., resistance wire, etc., Harrison, N. J.
Driver, James, architect, 27 State, Boston, Mass.
Driver, John, flag pole fix. & step ladders, San Leandro, Cal.
Driver, Thos. & Sons Mfg. Co., Ltd., plate glass, Racine, Wis.
Droeger Hardware Co., Seymour, Wis.
Droescher, S. R., whol. hdwe. & razor mfrs., 79 Warren, New York.
Drof, Peter, masons' & bldrs.' matls., Petersburg, Ind.
Drolet, E. A., architect, 739 Forest av, E., Detroit, Mich.
Drop Forging Co. of New York, 301 West Side av, Jersey City, N. J.
Drop-a-Line Indicator Co., 213, 144 Oneida, Milwaukee, Wis.
Drost, H., Box Mfg. Co., pckg. box mfrs., Manitowoc, Wis.
Drouvé, G. Co., skylights & sash operating devices, mfrs., Bridgeport, Conn., & Chicago, Ill.
Druckenmiller & Williams, archts., Land Title Bldg., Phila., Pa.
Drucker Bros., buttons, 113 W. 31st, New York.
Drucker & Co., trunks, 6 W. 4th, Cincinnati, Ohio.
Druecker, Jos., Sons' Co., masons' & bldrs.' matls., Atwater rd, Milwaukee, Wis.
Druecker, N. J., & Co., masons' & bldrs.' matls., 2634 N. Artesian av, Chicago, Ill.
Drueding Bros. Co., chamois importers, 5th & Master, Philadelphia, Pa.
Druggists' Circular, trade publication, 100 William, New York.
Druid Oak Belting Co., belting mfrs., 111 E. Lombard, Baltimore, Md.
Drumm Construction Co., 332 S. Michigan av, Chicago, Ill.
Drummond Bros., brick, Asbury Park, N. J.
Drummond, E. L., architect, 16 Bryan, Savannah, Ga.
Drummond Mfg. Co., machsts. & fndrs., Louisville, Ky.
Drummond, M. J., & Co., gas & waterworks supplies, etc., 51 Chambers, New York.
Drummond-Miller Co., contractors, Electric Bldg., Cleveland, O.
Drummond Motor Co., Omaha, Neb.
Drummond Packing Co., meat, Eau Claire, Wis.
Drummond, T. B., & Co., masons' & bldrs.' matls., Buckhannon, W. Va.
Drummond, Wm., architect, 19 S. LaSalle, Chicago, Ill.
Drury Brick & Tile Co., Essex Junction, Vt.
Drury & Kelley Hardware Co., Cadillac, Mich.
Dry Goods Economist, trade publication, 239 W. 39th, New York.
Dry Goods Publishing Co., 116 W. 32d, New York.
Dryburgh, John, contractor, Helena, Mont.
Dryceil Pipe Sleeve Co., 351 Lexington, New York.
Dryden Rubber Co., 1014 S. Kildare av, Chicago, Ill.
Dryer, O. W., architect, Cutler Bldg., Rochester, N. Y.
Dryfus Packing & Provision Co., meat, Lafayette, Ind.
D. & L. Machine & Mfg. Co, 1529 E. 49th, Cleveland, Ohio.
D. & T. Mfg. Co., htg. & ventg. engrs., 1911 Pine, St. Louis, Mo.
Dubach Lumber Co., Ltd., Dubach, La.
Dubble & Zinn, fndrs., Myerstown, Pa.
Dubee, A. J., contractor, Glens Falls, N. Y.
Dubel & Anderson, contractors, Sioux City, Ia.
Dubell, Furman, common brick, Mount Holly, N. J.
Du Bell Mfg. Co., mattresses, Bath, N. Y.
Dubilier Condenser Co., 217 Centre, New York.
Dubin, Geo. H., architect, 724 W. 12th, Chicago, Ill.
Dublin Buggy Co., Dublin, Ga.
Dublin Mill & Elevator Co., flour, Dublin, Tex.
Dublin Roller Mills, flour, Dublin, Va.
Dubois, Chas. L., cornices & skylights, Englewood, N. J.
Dubois Clay Mfg. Co., brick, Dubois, Pa.
Dubois, F., cornices, Vincennes, Ind.
Du Bois, F. M., & Co., mill & facty. & lumber supplies—jobbers, 247 9th av, New York.
Du Bois Fdry. Co., machsts. & fndrs., Cold Springs, N. Y.
Du Bois, Henry, Sons' Co., contractors, 17 State, New York.
Dubois Iron Wks., Dubois, Pa.
Dubois, Jno. E., masons' & bldrs.' matls., & sash, door & blind mfrs., DuBois, Pa.
Du Bois, L., & Co., wholesale hdwe., Ellenville, N. Y.
Du Bois Lumber Co., Vancouver, Wash.
Dubois Piston Ring Co., Albany, N. Y.
Dubois Reinforced Concrete Co., St. Joseph, Mo.
Dubois & McCoy Lumber Co., sash, door & blind, Bellaure, Ohio.
Dubois Watch Case Co., 316 Herkimer, Brooklyn, N. Y.
Du Bois, Wm., architect, Cheyenne, Wyoming.
Dubsky, J. F., htg. contr., 1506 S. Springfield av, Chicago, Ill.
Dubuque Boat & Boiler Wks., Dubuque, Ia.
Dubuque Casket Co., Dubuque, Iowa.
Dubuque Mattress Fcty., Dubuque, Ia.
Dubuque Pckg. Co., meat packers, Dubuque, Ia.
Dubuque Rubber & Belting Co., Dubuque, Ia.
Dubuque Sanitary Mfg. Co., plumbers' supplies, Dubuque, Ia.
Ducas, B. F., Co., aniline colors, dyes, etc., 25 S. William, New York.
Duchemin, Geo. W., plastic ornaments, classic wood carvers, 37 Wainwright, Newark, N. J.
Ducker Co., portable houses, 299 B'way, New York
Duckrow Textile Mach., Troy, N. Y.
Ducktown Sulphur, Copper & Iron Co., copper ores & sulphuric acid, Isabella, Tenn.
Duckwall Belting & Hose Co., 201 N. West, Indianapolis, Ind.
Duckworth Chain & Mfg. Co., Springfield, Mass.
Duckworth-Crawford Co., contractors, 111 High, Newark, N. J.
Duckworth, J. S., architect, Coal Exch. Bldg., Scranton, Pa.
Duco Adding Machine Co., St. Louis, Mo.
Ducommun Hardware Co., 219 S. Central av, Los Angeles, Cal.
Dudely Tool Co., pumps, aircraft, Menominee, Mich.
Dudenhoeffer Co., brick, Erie, Pa.
Dudfield Mfg. Co., eraser troughs, Liberty, Me.
Dudgeon Co., machsts. & fndrs., Cane Valley, Ky.
Dudgeon, Richard, machsts., 24 Columbia, New York.
Dudley, A. W., Co., cornices, Terre Haute, Ind.
Dudley Co., new & second hand machy., motors & belting, State & Lawrence, New Haven, Conn.
Dudley, Chas. H., sporting & athletic goods, Hanover, N. H.
Dudley, D. T., & Co., shoe laces, Haverhill, Mass.
Dudley, D. T., & Son Co., tex. machy. (shuttles), Wilkinsonville, Mass.
Dudley Elec. & Mach. Co., machsts. & brass fundrs., Uniontown, Pennsylvania.
Dudley & Hanson, coal chutes, dipping tanks, Lincoln, Neb.
Dudley & Orr, stone, El Paso, Tex.
Dudley Paper Co., adding machine rolls, Lansing, Mich.
Dudley, S. A., tex. machy., shuttles, Taunton, Mass.
Dudley Sash, Door & Lumber Co., Columbus, Ga.
Dudley, S. W. R., masons' & bldrs.' matls., Seattle, Wash.
Dudley Tool Co., Menominee, Mich.
Dudley, Wm. N., architect, 46 Cornhill, Boston, Mass.
Dudley, Wm. W., architect, 503½ Austin, Waco, Tex.
Dudlo Mfg. Co., insulated coils, Fort Wayne, Ind.
Due, A. L., Fireworks Co., Market & N. Readg., Cincinnati, O.
Duebel, Chas., & Co., contractors, 224 1st, San Francisco, Cal.
Dueber Watch Case Mfg. Co., Canton, Ohio.
Duemcke, Albert, htg. contrs., Oklahoma, Okla.
Duemer, Louis, patternmaker, Hamilton, Ohio.
Duer, Jno., & Sons, whol. hdwe., 36 S. Charles, Baltimore, Md.
Dues, J. J., Machine Co., Minster, Ohio.
Duesenberg Motors Corp., airplane engines, Elizabeth, N. J.
Duesing, Theo., architect, 2700 W. 22d, Chicago, Ill.
Du Fais, John, archt., 53 Everett, R. I.
Duff, Chas. H., fish line mfr., Rockland, Me.
Duff, Jas., Constr. Co., Marshall Bldg., Cleveland, Ohio.
Duff, John W., Inc., contractor, 146 Summer, Boston, Mass.

Duff Mfg. Co., lifting jacks, Preble av, Pittsburgh, Pa.
See adv index at end of book.
Duff, P., & Sons, confec. machy., 918 Duquesne way, Pittsburgh, Pa.
Duff Patents Co., gas producers, Frick Bldg., Pittsburgh, Pa.
Duff & Son, machsts., 175 Grand, New York.
Duff, Thos., contractor, Wyoming W. 7, Philadelphia, Pa.
Duff, Thos. J., architect, 407 W. 14th, New York.
Duff, Wm. E., machinery dlrs. & mill & facty. supplies, York, Pa.
Duffee, W. F., & Co., contractors, Haverhill, Mass.
Dufficy, John, machst., Hamilton, Ohio.
Duffie, Harold B., architect, 4 Robert, Roslindale, Boston, Mass.
Duffin Iron Co., 4837 S. Kedzie, Chicago, Ill.
Duffin, John, contr., Malone, N. Y.
Duffner & Stecker Const. Co., 722 Chestnut, St. Louis, Mo.
Duffy Bros. Contr. Co., Cambridge, Ohio.
Duffy Contrg. Co., 663 W. 46th, New York.
Duffy, J. F., Jr., banana knives, 563 Fulton, Chicago, Ill.
Duffy, Jas. F., architect, 24 S. 7th, Philadelphia, Pa.
Duffy, J. P., Co., tile, & masons' & bldrs.' matls., 207 E. 138th, New York.
Duffy, John J., brush machy., Waterford, N. Y.
Duffy, L. B., canned goods, Haymakertown, Va.
Duffy, M. J., granite producers, Concord, N. H.
Duffy Mfg. Co., hdwe. mfrs., 214 W. Grand av, Chicago, Ill.
Duffy-Trowbridge Stove Mfg. Co., Hannibal, Mo.
Duffy Trunk Co., 141 Baronne, New Orleans, La.
Duft, Samuel E., consulting engr., Empire Bldg., Pittsburgh, Pa.
Dufton Hardware Co., Clearfield, Pa.
Dufur, Baggott & Co., iron railings, 225 W. Saratoga, Balto., Md.
Dufur & Co., iron railings, wire cloth, etc., 311 N. Howard, Baltimore, Md.
Dufur Lbr. Co., Dufur, Ore.
Dugan, Cumberland & Co., machy. dlrs., Howard & Barre, Baltimore, Md.
Dugan, Dan A., contractor, Trenton, N. J.
Dugan, D. D., & Son, contrs., Olean, N. Y.
Dugan, Earl N., architect, Savage Scofield Bldg., Tacoma, Wash.
Dugan, Geo. A., Co., cornices, contractors, 200 5th av, New York.
Dugan, Geo. A., Sr., architect, 200 5th av, New York.
Dugan-Johnson Co., surgical instruments, 206 N. Meridian, Indianapolis, Ind.
Dugan, M., Concrete Co., Bldrs. & Trds. Exchange, Cincinnati, Ohio.
Duggan, F. A., architect, Little Rock, Ark.
Duggan-Rider Co., waste paper baskets, Erie, Pa.
Dugger & Goshorn, plow handles, Memphis, Tenn.
Duguid, Jno. B., trunk mfr., Prospect av & M. C. R. R., Toledo, Ohio.
Dugwell Packing Co., Rocky Mount, Va.
Duhamel & Brueckner, carriages, 735 Bedford av, B'klyn, N. Y.
Duhamel Co., mill & facty. supplies, & whol. hdwe., Rapid City, S. D.
Duhlmeier Bros., lbr., Wad. Dalton av, Cincinnati, Ohio.
Duhring, Okie & Ziegler, architects, Bailey Bldg., Phila., Pa.
Duhrkop Oven Co., 15 Park Row, New York.
Duisdicker Foundry & Mfg. Co., machsts. & fndrs., Pekin, Ill.
Duke, C. A., architect, Failing Bldg., Portland, Ore.
Duke Oak Lumber Co., Wellsville, N. Y.
Duke, Peterson, Hardware Co., 113 W. German, Baltimore, Md.
Dukedom Roller Mill Co., flour, Dukedom, Tenn.
Duker, J. H., Box Co., packing, Aliceanna, cor. Eden, Balto., Md.
Duker, Otto, & Co., lumber & furn. for public bldgs., Fleet & Albemarle, Baltimore, Md.
Dukerschien, L. W., Heating & Ventilating Co., radiator valves, Oshkosh, Wis.
Dukes Glass Works, 2217 Chestnut, Philadelphia, Pa.
Dulaney, W. F., & Sons, machy. dealers, Paris, Tex.
Dulany, J. H., canned goods, Fruitland, Md.
Dulbert, Robt. J., contractor, 141 Milk, Boston, Mass.
Duling, H. L., flour mills, Gormania, W. Va.
Dull, Jno. J., architect, Witherspoon Bldg., Philadelphia, Pa.
Dull, Raymond W., Co., conveyors & elevators & buckets, screens, etc., gravel washing plants, 111 W. Wash., Chicago, Ill.
Dullabahn, Geo. D., contrs., Lebanon, Pa.
Dulle, G. H., Milling Co., flour, Jefferson City, Mo.
Dulles-Baldwin Elec. Drill Co., rock drills, 220 W. 42d, New York.
Duluth Brass Wks. Co., Duluth, Minn.
Duluth Corrugating & Roofing Co., Duluth, Minn.
Duluth Crushed Stone Co., Duluth, Minn.
Duluth Diamond Drilling Co., Duluth, Minn.
Duluth Gas Engine Wks., Duluth, Minn.
Duluth Iron & Metal Co., mill & factory supplies, Duluth, Minn.
Duluth & Iron Range R. R. Co., Duluth, Minn.
Duluth Iron Works, Inc., marine engines, Duluth, Minn.
Duluth Log Co., ties, pole & posts, Duluth, Minn.
Duluth Lbr. Co., Duluth, Minn.
Duluth Machy. Co., Duluth, Minn.
Duluth Plumbing Supplies Co., Duluth, Minn.
Duluth Show Case Co., Duluth, Minn.
Duluth-Superior Dredging Co., Duluth, Minn.
Duluth Tie & Pulpwood Co., Duluth, Minn.
Duluth Trunk Co., Duluth, Minn.
Duluth Universal Milling Co., flour, Duluth, Minn.
Duluth Water Heater Co., Duluth, Minn.
Dulweber, Jno., Co., lbr., Findlay & McLean, Cincinnati, Ohio.
Dumarest Bros., crude rubber, 66 Front, New York.
Dumbleton, Thos., & Son, brick oven bldrs., 619 Carlton av, Brooklyn, N. Y.
Du Mond, A. A., smoke test machines, 45 W. 34th, New York.
Dumond Mfg. Co., clothes washing machines, Cendar Falls, Ia.
Dumond, W. R., boiler compound, 39 South, New York.
Dumphy, Wm., Mfg. Co., sash, door & blind mfrs., Racine, Wis.
Dumrauf & Wicke, butchers' blocks, 406 E. 102d, New York.
Dun, Thos. F., architect, 953 Woodycrest av, New York.
Dunbar Auto. Body Co., 37th & Filbert, Philadelphia, Pa.
Dunbar Box & Lbr. Co., 282 11th av, New York.
Dunbar Bros., granite, Sullivan, Me.
Dunbar Bros. Co., makers of springs of all description, Bristol, Conn.
Dunbar, B. S., brick, Augusta, Ga.
Dunbar, C. L., Lumber Co., tackle block sheaves, Northville, Mich.
Dunbar & Co., machsts., 2652 W. Lake, Chicago, Ill.
Dunbar Construction Co., Sault Saint Marie, Mich.
Dunbar-Dukate Co., canned goods, New Orleans, La.
Dunbar Flint Glass Co., chimney, Dunbar, W. Va.
Dunbar, Irwin, architect, Kirksville, Mo.
Dunbar, J., architect, Kirksville, Mo.
Dunbar, J. J., & Co., htg. contrs., 415 Milwaukee av, Chicago, Ill.
Dunbar, John D., contractor, Canton, O.
Dunbar Ledger & Binder Co., loose leaf devices, Minneapolis, Minn.
Dunbar, L. L., carriages, Linngrove, Ind.
Dunbar Mfg. Co., car flooring, 325 N. Leamongton av, Chicago, Ill.
Dunbar Mill & Lumber Co., Cairo, Ill.
Dunbar, Noel S., archt., Farmers' Trust Bldg., South Bend, Ind.
Dunbar, R. M., architect, Monroe, Mich.
Dunbar Stone Co., River Rouge, Detroit, Mich.
Dunbar & Sullivan, contractors, Dime Bk. Bldg., Detroit, Mich.
Dunbar, Wm., Co., contrs., Fairfax rd & Lamberton dr, Cleveland, Ohio.
Duncan & Bro., fertz. mfrs., La Grange, Ky.
Duncan Bros. Mop Co., mops—polish, 2614 W. Grand av, Chicago, Ill.
Duncan Bros. & Wray Co., machsts., Ludlow Falls, Ohio.
Duncan, D. D., & Co., sashes, doors & blinds, Los Angeles, Cal.
Duncan Electric Mfg. Co., machsts. & fndrs., watthour meters, transformers & wattmeters, Lafayette, Ind.
Duncan Forge Co., boilers, forgings, etc., Water, Toledo, Ohio.
Duncan Foundry & Machine Works, Alton, Ill.
Duncan, Geo., & Co., burlap, 366 B'way, New York.
Duncan & Goodell Co., whol. hdwe. & mill & facty. supplies, Worcester, Mass.
Duncan, Herman John, architect, Medical Bldg., Alexandria, La.
Duncan, J. C., lumber, Killbuck, Ohio.
Duncan, J., Co., overhead trolleys, 7 Fulton pl, Boston, Mass.
Duncan, Jno. G., Co., machy. dlrs., Knoxville, Tenn.
Duncan, John H., architect, 347 5th av, New York.
Duncan Lbr. Co., Cumberland, Ind.
Duncan & Miller Glass Co., Washington, Pa.
Duncan & Porter Co., masons' & bldrs.' matls., 310 Mendota, Pittsburgh, Pa.
Duncan & Sons, horse collars, Seattle, Wash.
Duncan, Wm., mchst. & fndr., 288 Meridian, E. B., Boston, Mass.
Duncan, W. C., & Co., contrs., Sharon Bldg., San Francisco, Cal.
Duncannon Flouring Mill Co., Duncannon, Pa.
Duncan's Mills Land & Lumber Co., 112 Market, San Fran., Cal.
Duncanson-Harrelson Co., contractors, Chronicle Bldg., San Francisco, Cal.
Dunck Tank Wks., wood, 878 30th, Milwaukee, Wis.
Dundas, E. H., contractor, 1501 E., Salt Lake City, Utah.
Dundee Canning & Preserving Co., Dundee, Mich.
Dundee Mfg. Co., signs, Boston, Mass.
Dundee Mills, towels, Hookset, N. H.
Dundee Textile Co., umbrella cloth, Passaic, N. J.
Dundon's Iron Works, 225 Folsom, San Francisco, Cal.
Dundore Manfg. Co., gear mfrs., 221 S. 9th, Reading, Pa.
Dunellen Lbr. & Stone Co., Dunellen, N. J.
Duner Co., car water closets, 101 S. Clinton, Chicago, Ill.
Dunfee, J., & Co., floors, weather strips, 40 N. Franklin, Chicago, Ill.
Dungan Fertilizer Co., Doylestown, Pa.
Dunham, C. A., Co., machsts. & fndrs., steam fitters' supplies, Marshalltown, Ill.
Dunham, C. A., Co., steamfitters' supps., Garfield Bldg., Cleveland, Ohio.
Dunham, Carrigan & Hayden Co., mill & factory & plumbers' supplies, jobbers, & wholesale hdwe., Kansas & Division, San Francisco, Cal.
Dunham, Chas. B., architect, 6 Beacon, Boston, Mass.
Dunham Co., agricultural implements, Hippodrome Bldg., Cleveland, Ohio.
Dunham, Crawford L., mill & facty. supplies, New Bedford, Mass.
Dunham, D. B., & Son, auto. & vehicle tops, Newark, N. J.
Dunham & Fiske, machsts., Whitewater, Wis.
Dunham, Fred P., ox bows, Athens, Vt.
Dunham, G. F., architect, N. W. Bank Bldg., Portland, Ore.
Dunham, H. E., masons' & bldrs.' matls., Chelan, Wash.
Dunham, John M., Co., architects, Chemical Bldg., St. Louis, Mo.
Dunham Mills, sweaters, cardigans, etc., Hartford, Conn.
Dunham, O. E., contractor, Warren, Pa.

Dunham Piston Ring Co., 52 Vandeventer, New York.
Dunham, Thos. C., whiting, varnish, paint, plate glass, 68 Murray, New York.
Dunham, W. H., masons' & bldrs.' matls., Okanogan, Wash.
Dunkel, S. P., & Son, minerals, Baltimore, Md.
Dunker & Perkins, distributors soaps & dyestuffs, 287 Atlantic av, Boston, Mass.
Dunkirk Brick & Tile Co., Dunkirk, N. Y.
Dunkirk Constr. Co., Dunkirk, N. Y.
Dunkirk Electrical Mfg. Co., machsts., Dunkirk, N. Y.
Dunkirk Lbr. Co., Dunkirk, Ind.
Dunkirk Mach. & Boiler Co., Dunkirk, N. Y.
Dunkirk Mason & Contr. Co., Dunkirk, N. Y.
Dunkirk Window Glass Co., S. Charleston, W. Va.
Dunlap, C. C., lumber, Delaware, Ohio.
Dunlap-Coleman Co., contrs., Peoria, Ill.
Dunlap & Co., contrs., masons' & bldrs.' matls., Columbus, Ind.
Dunlap, Elmer E., architect., State Life Bldg., Indianapolis, & Kokomo, Ind.
Dunlap, E. R., architect, Hammond Bldg., Detroit, Mich.
Dunlap Hardware Co., Macon, Ga.
Dunlap, John, Co., oils, cans, Gregg, Pittsburgh, Pa.
Dunlap, J. S., egg beaters, knives, etc., 334 S. Clinton, Chicago, Ill.
Dunlap, Louis E., Co., architects, Kokomo, Ind.
Dunlap Mfg. Co., cloths, metal polish, screens, Bloomington, Ill.
Dunleavy Bros., contractors, Coatesville, Pa.
Dunlevie Lumber Co., Allenhurst, Ga.
Dunlevy Packing Co., meat packers, Hamilton av & Enterprise, Pittsburgh, Pa.
Dunlop & Lisk Pottery Co., Matawan, N. J.
Dunlop Milling Co., flour, Clarksville, Tenn.
Dunlop Mills, flour, Richmond, Va.
Dunlop-Moore Co., masons' & bldrs.' matls., Duluth, Minn.
Dunn Brick Wks., Erie, Pa.
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Dunn Construction Co., Chamber of Commerce Bldg., Birmingham, Ala.
Dunn, Cooper M., landscape architect, State Life Bldg., Indianapolis, Ind.
Dunn, E. D. & J. C., architects, 527 5th av, New York.
Dunn Edge Tool Co., Oakland, Me.
Dunn & Eldridge Co., fndrs., 6 N. 6th, Philadelphia, Pa.
Dunn & Elliot Co., ship bldrs., Thomaston, Me.
Dunn, Geo. O., & Bros., contrs., Indianapolis, Ind.
Dunn Green Leather Co., 32 South, Boston, Mass.
Dunn, H. B., architect, 210 W. 7th, Los Angeles, Cal.
Dunn Ink Wks., Buffalo, N. Y.
Dunn, James, Box Co., packing box, 1952 W. 3d, Cleveland, Ohio.
Dunn, Jas. F., architect, 760 Market, San Francisco, Cal.
Dunn, Jas. J., contractor, Kearny, N. J.
Dunn, Jas. P., chain hoists, Cleveland, Ohio.
Dunn, J. C. & Co., oil cloth mfrs., Camden, N. J.
Dunn, J. M., & Son, contrs., Knoxville, Tenn.
Dunn, Jno. A. Co., revolving chairs, Gardner, Mass.
Dunn Jwly. Co., badges & buttons, 151 Church, New York.
Dunn & Kruse, talc, soapstone, clays, chalk, etc., 63 Park Row, New York.
Dunn, L. J., cornices, 1976 Lexington av, New York.
Dunn Loop Coal & Coke Co., Macdonald, W. Va.
Dunn Lumber Co., White Bldg., Seattle, Wash.
Dunn Mach. Co., Buffalo, N. Y.
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Dunn Mfg. Co., dish washing machines, 180 N. Dearborn, Chicago, Ill.
Dunn Mfg. Co., door check & spring mfrs., Mankato, Minn.
Dunn Mfg. Co., trench braces, Preble av, N. S. Pittsburgh, Pa.
Dunn-McCarthy Co., contractors, 37 W. Van Buren, Chicago, Ill., & Fair, Indianapolis, Ind.
Dunn, M. E., machinist, Portland, Me.
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Dunn & Rodenberg, clutch pencils & pocket knives, Baker, Providence, R. I.
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Dunn Textile Engraving & Mfg. Co., 2011 Church, Philadelphia, Pa.
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Dunn Trunk Co., Bellingham, Wash.
Dunn, T. W., Co., glue & gelatine, 248 Front, New York.
Dunn, Walter E., automobile bldrs., Ogdensburg, N. Y.
Dunn, W. E., Mfg. Co., oil engines, etc., Holland, Mich.
Dunn, W. H., cornices & skylights, Pasadena, Cal.
Dunn, Wm. J., scrap iron & steel, Fall River, Mass.
Dunn, Wm. J., & Son, granite prod., 331 S. 23d, Philadelphia, Pa.
Dunn Wire-Cut Lug Brick Co., Conneaut, Ohio.
Dunnavant, C. E., Contracting Co., Norfolk, Va.
Dunne, Michael F., machsts., 223 West, New York.
Dunne, Thos, Co., advtg. nov., 415-417 Natchez, New Orleans, La.
Dunnebacke Co., masons' & bldrs.' matls., Kenosha, Wis.
Dunnewold & Sartell, sashes, doors & blinds, St. Cloud, Minn.
Dunnigan & Crumley, architects, 391 E. 149th, New York.
Dunning & Boschert Press Co., Inc., 379 W. Water, Syracuse, N. Y. *See adv index at end of book.*
Dunning, Erich, Harvester Co., machsts. & fndrs, Harrington, Wash.
Dunning, Hugh B., architect, 35 S. Dearborn, Chicago, Ill.
Dunning, Neil M., architect, builders exch., Buffalo, N. Y.
Dunning, N. Max, architect, Kimball Bldg., Chicago, Ill.
Dunning, W. D., soap & plaster mixing machines, etc., 379 W. Water, Syracuse, N. Y.
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Dunningham, John, contractor, Elmira, N. Y.
Dunn's Service, gauge glass protectors, 608 S. Dearborn, Chicago, Ill.
Dunphy Boat Mfg. Co., motor boat bldrs., Eau Claire, Wis.
Dun's International Review, trade publications, 290 Broadway, New York.
Dunson Mills, cotton duck & canvas, La Grange, Ga.
Dunstan Brass Mfg. Co., plumbers, brackets, Concord, N. H.
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Duntley Co., belt dressings, 32 S. Michigan av, Chicago, Ill.
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Duntley Products Co., hand vacuum cleaners, Erie, Pa.
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Duntley Pneumatic Sweeper Co., vacuum cleaners, 412-414 S. Market, Chicago, Ill.
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Dunzeller Constr. Co., contractor, Zanesville, Ohio.
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Duplex Elec. Co., 258 Broadway, New York.
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Duplex Engine Governor Co., 36 Flatbush av ext., B'klyn, N. Y.
Duplex Hanger Co., anchors, bases, boxes, joist hangers, etc., E. 53d & Lakeside av, Cleveland, Ohio.
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Duplex Truck Co., auto mfrs., Lansing, Mich.
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Durbrow & Hearne Mfg. Co., machsts., 12 Wooster, New York.
Duren & Co., milk bottle caps, 34 Summer, Boston, Mass.
Durex Chemical Corp., barium products, 320 5th av, New York, & Sweetland, Tenn.
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Durfee Mills, cotton sheetings, Fall River, Mass.
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Durkin, Reeves & Co., duplicators, Schmidt Bldg., Pittsburgh, Pa.
Durlacque Mfg. Co., lacquer mfrs., etc., 2332 Olive, St. Louis, Mo.
Durland Counter Co., Lynn, Mass.
Durland, L. H. Son & Co., masons' & bldrs.' matls., Watkins, N. Y.
Durman, L. C., lbr. mfrs., Harris, Mo.
Durner, A. E., disc sharpeners, Evansville, Wis.
Durocher, Thos. L., contractor, Sault Sainte Marie, Mich.
Durolithic Co., contractors, Ellicott sq., Buffalo, N. Y.
Du Roy Mfg. Co., lumber, Park Lake, Mich.
Durr, C. A., Packing Co., meat packers, Utica, N. Y.
Durr, Sebastian, contr., Mount Vernon, N. Y.
Durrett, J. W., & Son, flour mills, Cross Plains, Tenn.
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Dvorsky Co., buttons, 411 E. 91st, New York.
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Dyar Supply Co., contractors' municipal equipment, mfrs., 66 Broadway, Cambridge, Mass. *See adv index at end of book*
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Dye Products & Chemical Co., colors, 200 5th av, New York.
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Dyer Co., sugar machy., Cleveland, Ohio.
Dyer, G. H., Co., autogenous welding & garage tools, mfrs., 155 Brookline, Cambridge, Mass.
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Dyer, John N., & Son, granite prod., Long Island City, N. Y.
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Dyer, Jno. T., Quarry Co., stone producers., Norristown, Pa.
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Dyer, W. E. S., architect, Land Title Bldg., Philadelphia, Pa.
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Dykeman & Murray, architects, 15 Exchange, Boston, Mass.
Dykes Lbr. Co., 348 W. 44th, New York.
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Dymond-Simmons Hardware Co., Sioux City, Ia.
Dynes-Pohlman Lbr. Co., Indianapolis, Ind.
Dyneto Electric Corp., auto lighting systems, Syracuse, N. Y.
Dyno Utilities Mfg. Co., commutator compounds, 608 S. Dearborn, Chicago, Ill.
Dysart Brick & Tile Co., Dysart, Ia.
Dyson Brick Co., Dyson, S. C.
Dyson, Jos., & Sons, drop forgings, 5125 St. Clair, Cleveland, O.

Eacrett Mill Co., lumber, Port Angeles, Wash.
Eadie Bldg. Supply Co., masons' & bldrs.' mtls., 316 Scarrit Bldg., Kansas City, Mo.
Eads, Harold H., Esq., archt., New York Life Bldg., Minneapolis, Minn.
Eady, Geo. M., Co., contractors, Louisville, Ky.
Eagan & Dougan, contractors, Mutual Life Bldg., Buffalo, N. Y.
Eagan-Rogers Steel & Iron Co., mchsts. & fndrs., Crum Lynne, Pa.
Eagen, Jas. A., machsts., Wyoming, Pa.
Eager Elec. Co., dynamo mfrs., generators, etc., Watertown, N. Y.
Eager, W. A., architect, Story Bldg., Los Angeles, Cal.
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Eagle Belting Co., leather, 542 Jackson Blvd., Chicago, Ill.
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Eagle Brass Foundry, machsts. & fndrs., Seattle, Wash.
Eagle Building & Constr. Co., 405 E. 117th, New York.
Eagle Button Wks., 55 Chrystie, New York.
Eagle Carriage Co., Court & McLean av, Cincinnati, Ohio.
Eagle Constr. Co., Drexel Bldg., Philadelphia, Pa.
Eagle Cordage Mills, Covington, Ky.
Eagle Cornice Co., 312 Blackstone, Providence, R. I.
Eagle Cornice & Roofing Co., ft. of 24th, Detroit, Mich.
Eagle Cornice & Skylight Wks., Cambridge, Mass.
Eagle Cornice Wks., 2726 Sheffield av, Chicago, Ill.
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Eagle Furnace Co., blast furnaces, Attalla, Ala.
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Eagle Iron Wks., fndrs., Muskegon, Mich.
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Eagle Iron Wks., arch't. iron, Wilkes-Barre, Pa.
Eagle Iron Wks. Co., 9 av S & 5th, Minneapolis, Minn.
Eagle Iron Wks. Co., screens, wheels, etc., Terre Haute, Ind.
Eagle, J. W. P., machsts. & fndrs., Ronceverte, W. Va.
Eagle Knife & Bar Co., Lawrence, Mass.
Eagle Knitting Mills, gloves, etc., 382 Broadway, Milwaukee, Wis.
Eagle Lake Fruit & Canning Co., Eagle Lake, Tex.
Eagle Lake Rice Milling Co., Eagle Lake, Tex.
Eagle Lock Co., trunk, hardware, Terryville, Conn.
Eagle Lubricating Oil Co., 226 1st av, Pittsburgh, Pa.
Eagle Lumber Co., Eagle Mills, Ark.
Eagle Lye Wks., 28 Erie, Milwaukee, Wis.
Eagle Machine Co., Lancaster, Ohio.
Eagle Mach. Wks., Richmond, Ind.
Eagle-Macomber Motor Car Co., Sandusky, Ohio.
Eagle Mfg. Co., machsts. & fndrs., Appleton, Wis.
Eagle Mfg. Co., special machinery, dies, etc., Blue Rock & Turrill, Cincinnati, Ohio.
Eagle Milling Co., flour mills, Bentonville, Ark., & Tucson, Ariz.
Eagle Mills, plushes, Woonsocket, R. I.
Eagle Oil & Supply Co., 45 India, Boston, Mass.
Eagle Paint & Varnish Co., N. S., Pittsburgh, Pa.
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Eagle Paving Co., contractors, Rosenbloom Bldg., Syracuse, N. Y.
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Eagle Regalia Co., badges & buttons, 115 Nassau, New York.
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Eagle Roller Mill Co., flour, New Ulm, Minn.
Eagle Roller Mills, flour, Greenville, S. C.
Eagle Roller Mills, flour, Lawrenceburg, Ky.
Eagle Roofing & Art Metal Works, cornices, Tampa, Fla.
Eagle Rubber Co., balloons, Ashland, Ohio.
Eagle Rubber Supply Co., Stamford, Conn.
Eagle Safety Razor Co., 66 W. Broadway, New York.
Eagle Saw Works, Chattanooga, Tenn.
Eagle Smelting & Refining Wks., 233 Broadway, New York.
Eagle Soap Co., Cooper & Turill, Cum., Cincinnati, Ohio.
Eagle Spec. Mfg. Co., sink brackets, mop sticks, etc., Jamestown, N. Y.
Eagle Square Mfg. Co., steel & iron bedsteads, machsts. & fndrs., etc., South Shaftsbury, Vt.
Eagle Stamping Co., 1400 Niagara, Buffalo, N. Y.
Eagle Talking Mach. Co., 75 Fulton, New York.
Eagle Tank Co., wooden tanks, 2426 N. Crawford av, Chicago, Ill.
Eagle Tool & Machine Co., cut gears, 519 South av, Pittsburgh, Pa.
Eagle Tool Wks., Bayonne, N. J.
Eagle Valley Canning Co., New Bridge, Ore.
Eagle Wagon Works, Auburn, N. Y.
Eagle Woodenware Mfg. Co., Hamilton, Ohio.
Eagle Wrought Iron Wks., Jackson av & 150th, New York.
Eagles, Israel C., architect, 153 N. 16th, East Orange, N. J.
Eaglesfield & Shepard, lbr. mfrs., Indianapolis, Ind.
Eagleton Bros., shoe counters, Lynn, Mass.
Eakins, J. S. & W. R., paint, 12 Wallabout, Brooklyn, N. Y.
E. A. Laboratories, elec'l horns, 80 Broadway, Brooklyn, N. Y.
Eames, Alfred M., & Co., carriage wheels, Framingham, Mass.
Eames, C. S., & Co., cornices, Bridgeport, Conn.
Eames & Young, architects, Wright Bldg., St. Louis, Mo.
Eardley, Wm. F., & Bro., printing presses & machy., etc., 138 Centre, New York.
Eareckson, Wm. M., masons' & bldrs.' matls., 814 N. Stricker, Baltimore, Md.
Earlhart, Chas., architect, Champaign, Ill.
Earl, Andrew, sash, door & blind mfrs., Hickory & Water, Columbus, Ohio.
Earl Auto. Wks., springs, windshields auto., Los Angeles, Cal.
Earl Cooperage Co., Earl, Ark.
Earl, J. W., architect, Rochester, Pa.
Earl, Jno., sash, door & blind mfrs., Champlain, N. Y.
Earl, Launcelot M., Jr., architect, Idaho Falls, Idaho.
Earl, M. J., pads & tablets, Reading, Pa.
Earl, W. D., Co., horn buttons, celluloid combs, etc., Leominster, Mass.
Earle Bros., crude rubber, 66 Broad, New York.
Earle Brush Co., Columbia, Pa.
Earle & Co., colors, dyes, etc., 20 W. 3d, New York.
Earle, F. P., ores, minerals, metals, etc., 165 Broadway, New York.

Earle, Edw. E., cornices & skylights, Sacramento, Cal.
Earle Gear & Machine Co., machinery mfrs., 101 E. Wyoming av, Philadelphia, Pa.
Earle, H. S., Mfg. Co., hooks, Detroit, Mich.
Earley, John H., brick, Nicetown La., Philadelphia, Pa.
Earley, Wm., combination & steam heaters, 1216 Ridge av, Philadelphia, Pa.
Earlham College, engng. schools & coll., Richmond, Ind.
Earlham Land Co., stone producers, Des Moines, Ia.
Earling, Johnson & Frake Co., contrs., Red Bank, N. J.
Earlington Mach. Wks., Earlington, Ky.
Earll, Chas. I., trolley catchers & retrievers, 11 B'way, New York.
Earlville Brick & Tile Mfg. Co., Earlville, Ill.
Early, Edw. E., Co., compounds, Canton, Ohio.
Early Fndry Co., Dicksen City, Pa.
Early Gas Engine Co., Williamsport, Pa.
Early Times Dist. Co., Paducah, Ky.
Early, W. C., canned goods, Munford, Va.
Early W. J., & Sons, machsts. & fndrs., 812 Sarah, Pittsburgh, Pa.
Earp, Edwin, architect, 333 Union, Lynn, & Peabody, Mass.
Easiest Way Mfg. Co., clothes washing machines, Sandusky, Ohio.
Easley Cotton Mills, cotton sheetings, Easley, S. C.
Easley Oil Mill Co., meal, Easley, S. C.
Eason, Wm. E., architect, 1036 Sharp av, Nashville, Tenn.
East Arkansas Lumber Co., Paragould, Ark.
East Bangor Consolidated Slate Co., sinks, stalls, etc., East Bangor, Pa.
East Bangor Mfg. Co., hame clips, snap hooks, harness & hitching snaps, machsts. & fndrs., Bangor, Pa.
East Birmingham Iron Roofing Co., cornices, Birmingham, Ala.
East Brooklyn Box Co., East Brooklyn, Md.
East Carolina Land & Lumber Co., lumber mfrs., Kinston, N. C.
East Coast Hardware Co., hdwe. & bldrs.' supps., West Palm Beach, Fla.
East Coast Lumber Co., Watertown, Fla.
East Coast Lumber & Supply Co., Eau Gaille, Fla.
East End Boiler Works, 13 St. Aubin av, Detroit, Mich.
East End Brick Co., Louisville, Ky.
East Hampton Bell Co., East Hampton, Conn.
East Hampton Lumber & Coal Co., masons' & bldrs.' matls., East Hampton, N. Y.
Easthampton Rubber Thread Co., Easthampton, Mass.
East Hartford Mfg. Co., paper pulp mill, Burnside, Conn.
East & Hobbs, contractors, Norfolk, Va.
East Hoquiam Shingle Co., lumber, Hoquiam, Wash.
East Iron & Machine Co., asphalt, paving, plant machinery, etc., 351 E. Market, Lima, Ohio.
East Jersey Pipe Corp., Boilers, cylinders, tanks, etc., Paterson, N. J.
East Jordan Furnace Co., blast, East Jordan, Mich.
East Jordan Lumber Co., maple flooring, East Jordan, Mich.
East Liverpool Brick Mfg. Co., East Liverpool, Ohio.
East Liverpool Potteries Co., East Liverpool, Ohio.
East Ohio Sewer Pipe Co., Irondale, Ohio.
East Pembroke Canning Co., East Pembroke, N. Y.
East Point Lumber Co., East Point, Ga.
East River Planing Mill Co., sash door & blind mfrs., Green Bay, Wis.
East Rochester Iron Wks., East Rochester, N. Y.
East St. Cloud Granite Co., St. Cloud, Minn.
East St. Louis Cotton Oil Co., East St. Louis, Ill.
East St. Louis Lbr. Co., 2022 State, East St. Louis, Ill.
East St. Louis Stone Co., East St. Louis, Ill.
East Shore Mach. Products Co., machsts., E. 140th & Aspinwell av, Cleveland, Ohio.
East Side Boiler Works, Portland, Ore.
East Side Canning Co., Los Angeles, Cal.
East Side Copper Works, 353 E. 31st, New York.
East Side Fdg. Co., Bridgeport, Conn.
East Side Iron Works, 448 E. 167th, New York.
East Side Machine Co., Los Angeles, Cal.
East Side Mill & Lumber Co., Portland, Ore.
East Side Pckg. Co., meat packers, East St. Louis, Ill.
East Stroudsburg Lumber Co., East Stroudsburg, Pa.
East Tacoma Mfg. Co., sash, door & blind, Tacoma, Wash.
East Tennessee Packing Co., meat packers, Knoxville, Tenn.
East Tennessee Woodworking Co., Morristown, Tenn.
East Texas Fertz. Co., Tyler, Tex.
East Trenton Mach. Wks., East Trenton, N. J.
East, Wm. J., architect, Asheville, N. C.
East Windsor Hill Brick Wks., East Windsor Hill, Conn.
Eastburn, Chas. T., stone producers, Yardley, Pa.
Easterbrook, Wm., Jr., & Bro., cornices, steel hames, 311 Cherry, Philadelphia, Pa.
Easterday, Bros., brick & tile, Sparta, Ohio
Easterday, Wm. P., & Co., cornices, Charlestown, W. Va.
Easterling L'br Co., Ora, Miss.
Eastern Advtg. Co., advtg. spec., 8 W. 40th, New York.
Eastern Bedstead Co., Hoboken, N. J.
Eastern Bolt & Nut Co., E. Providence, Providence, R. I.
Eastern Brass & Ingot Corp. of N. Y., Waterbury, Conn.
Eastern Brass & Wood Type Co., 71 4th av, New York.
Eastern Bridge & Structural Co., fabrication of steel for buildings and bridges, 88 Cushing, Worcester, Mass. *See adv. index at end of book.*
Eastern Burlap Bag Co., 95 Commerce, Hartford, Conn.
Eastern Casket Co., 421 W. Camden, Baltimore, Md.
Eastern Cement Co., masons' & bldrs.' matls., Bangor, Me.
Eastern Chemical Co., feltilizer mfrs., 45 Union av, Boston, Mass.
Eastern Clay Goods Co., masons' & bldrs.' matls., 141 Milk, Boston, Mass.
Eastern Concrete Steel Co., D. S. Morgan Bldg., Buffalo, N. Y.
Eastern Constr. Co., 110 W. 40th, New York.
Eastern Constr. Co., Woonsocket, R. I.
Eastern Cornices & Roofing Co., 9 Rutgers, New York.
Eastern Cotton Oil Co., Hertford, N. C.
Eastern Engineering & Construction Co., Derby, Conn.
Eastern Expanded Metal Co., concrete binder, 65 Franklin, Boston, Mass.
Eastern Felt Co., Winchester, Mass.
Eastern Flexible Conduit Co., 41 Gardiner av, Brooklyn, N. Y.
Eastern Handle Co., 36 Whittier, Boston, Mass.
Eastern Hard Fibre Co., Merrimac, Mass.
Eastern Ky. Lbr. Co., Hitchins, Ky.
Eastern Lumber Co., Tonawanda, N. Y.
Eastern Machine Screw Corp., die heads & screw machine products mfrs., New Haven, Conn.
Eastern Machy. Co., brick machy., freight elev., etc., New Haven, Conn.
Eastern Machy. & Equipt. Co., Philadelphia, Pa.
Eastern Mach. Screw Corp., screw mach. products, Truman & Barclay, New Haven, Conn.
Eastern Malleable Iron Co., malleable iron & semi-steel castings & fndrs., Naugatuck, Conn.
Eastern Mfg. Co., paper & pulp mill, Bangor, Me.
Eastern Marble & Granite Works, stone producers, 2700 Diamond, Philadelphia, Pa.
Eastern Metal & Refining Co., Babbitt metal, 121 Beverly, Boston, Mass.
Eastern Nail Co., cement coated wire, shoe & special wire nails, mfrs., Providence, R. I.
Eastern Ohio Glass Co., window glass mfrs., Barnesville, Ohio.
Eastern Oil Tank Co., Lowell, Mass.
Eastern Parts Mfg. Co., stamping, springs, etc., 135 Spring, New York.
Eastern Pattern Wks., Detroit, Mich.
Eastern Penna. Supply Co., whol. hdwe., plumbers' supplies, jobbers, mill & facty. supplies & masons' & bldrs.' matls., Wilkes-Barre, Pa.
Eastern Pin Ticket & Tag Co., Perkasie, Pa.
Eastern Plumbing Supply Co., Hartford, Conn.
Eastern Printing & Mfg. Co., muslin signs, Dayton, Ohio.
Eastern R'way & Lumber Co., wood cross arms, Centralia, Wash
Eastern Range Boiler & Welding Co., expansion tanks, Conshohocken, Pa.
Eastern Salt Co., 186 State, Boston, Mass.
Eastern Shore Fertilizer Co., Cape Charles, Va.
Eastern Signal & Supply Co., primary batteries, 30 Church, New York.
Eastern Slate Co., Fair Hasen, Vt.
Eastern Specialty Co., jewels, 3409 N. 13th, Philadelphia, Pa.
Eastern Spec. Mfg. Co., bathroom fixtures, rubber tank blubs & furnishings, Scranton, Pa.
Eastern Steel Casting Co., 30 Kemble, Boston, Mass.
Eastern Steel Co., Pottsville, Pa.
Eastern Steel Products Co., wire bale ties & wire specialties mfrs., 1-3 Lawrence, New Haven, Conn.
Eastern Supply Co., masons' & bldrs.' matls., Phila. rd & 8th, Baltimore, Md.
Eastern Supply Co., soaps & lubricating oils & greases, 2 Canterbury, Worcester, Mass.
Eastern Tablet Co., writing pads, Albany, N. Y.
Eastern Talc Co., 45 Milk, Boston, Mass.
Eastern Tanner's Glue Co., Gowanda, N. Y.
Eastern Testing Laboratories, Allentown, Pa.
Eastern Tool & Mach. Co., Inc., machsts., 452 E. 148th, New York.
Eastern Tool & Mfg. Co., machsts., Bloomfield av, Bloomfield, N. J.
Eastern & Western Lbr. Co., Portland, Ore.
Eastern Zinc Refining Co., spelter, 255 Russell, Brooklyn, N. Y.
Easthampton Fdry. Co., Easthampton, Mass.
Easthampton Rubber Thread Co., Easthampton, Mass.
Eastlake Mfg. Co., auto. binding, silk fringes, Adams av & Leiper, Philadelphia, Pa.
Eastlake Sheet Metal & Cornice Wks., Seattle, Wash.
Eastman, C. E., architect, Observatory Bldg., Des Moines, Ia.
Eastman Co., canned goods, Fryeburg, Me.
Eastman Cotton Mills, Eastman, Ga.
Eastman, G. A., architect, Lewis Bldg., Portland, Ore.
Eastman, Gardiner, & Co., lumber mfrs. & wholesalers, Laurel, Miss.
Eastman, H. T., & Co., bldg. contrs. & archl. iron, East Cambridge, Mass.
Eastman, J. N., & Co., canned goods, Casco, Me.
Eastman Kodak Co., photo materials, Rochester, N. Y.
Eastman Lumber Co., Platteville, Wis.
Eastman Mach. Co., 779 Washington, Buffalo, N. Y.

Eastman Oil Mills, meal—cottonseed, Jonestown, Miss.
Eastman Plastic Relief Co., 23d & Dickson, St. Louis, Mo.
Eastman, S. L., Flooring Co., Saginaw, Mich.
Eastman, Sam'l Co., hose nozzle mfrs., machsts. & fndrs., East Concord, N. H.
Eastmond & Co., crude rubber, cocoa mats, 82 Beaver, New York.
Easton Brass & Mach. Wks., Easton, Pa.
Easton & Burnham Machine Co., pine, machsts. & fndrs., Pawtucket, R. I.
Easton Car & Construction Car Co., 15 Center sq, Easton, Pa.
See adv. index at end of book.
Easton Cypress Co., lbr. mfrs., Albany, N. Y.
Easton Lime Co., Easton, Pa.
Easton Mach. Co., case hardening, 24 Milk, Boston, Mass.
Easton Machinery Co., Easton, Pa.
Easton Packing Co., Easton, Md.
Easton Polishing Supply Co., plating supps., Easton, Pa.
Easton Printing & Mfg. Co., signs, cardboard, Dayton, Ohio.
Easton, Roland J., & Son, architects, Newport, R. I.
Easton, Thos. G., architect, New Kensington, Pa.
Easton, Vance & Co., contractors, Aberdeen, S. D.
Eastover Constrn. Co., 122 N. Genesee, Utica, N. Y.
Eastwood, Benj., Co., broad looms, & machsts. & fndrs., Paterson, N. J.
Eastwood Chemical Co., Belleville, N. J.
Eastwood-Park Co., silver nov., 102 Murray, Newark, N. J.
Eastwood Wire Mfg. Co., wire mfrs., Belleville, N. J.
Easum Bros., brick, Colfax, Wash.
Easy Fastener Co., Atlanta, Ga.
Eaton, A. A., architect, Ottumwa, Ia.
Eaton & Brownell, architects, Sherman Bldg., Watertown, N. Y.
Eaton, Brown & Simpson, Inc., contrs., 90 West, New York.
Eaton Builders' Supply Co., Niles, Ohio.
Eaton Canning Co., Eaton, Ohio.
Eaton-Chase Co., mill & facty. supplies & whol. hdwe., Norwich, Conn.
Eaton, Crane & Pike Co., paper & pulp mills, Pittsfield, Mass.
Eaton-Dikeman Co., paper & pulp mills, Lee, Mass.
Eaton & Glover Co., machsts., Sayre, Pa.
Eaton, H. B., & Co., machsts.' tools, 144 Pearl, Boston, Mass.
Eaton Hardware Co., Brunswick, Me.
Eaton, Harry H., machinist, Jennings, La.
Eaton, H. F., & Sons, lbr. mfrs., Calais, Me.
Eaton & Hertz, blow cocks, Bowles Bldg., Detroit, Mich.
Eaton, Hy. A., & Son, bobbins, Littleton, N. H.
Eaton, J. C., & Co., brooms, cornices & skylights, Lydonville, Vt.
Eaton, Jas. B., lbr., Bluffton, Ind.
Eaton, John A., machy. dlrs., Bridgeport, Conn.
Eaton Laboratories, chemists, 340 Sansome, San Fran., Cal.
Eaton Mach. Wks., 37 S. Scioto, Columbus, Ohio.
Eaton, M. B., Gas Co., acetylene generators, Morrisville, Vt.
Eaton, Rhodes & Co., pig iron & coke dlrs., 1st Nat. Bank Bldg., Cincinnati, Ohio.
Eaton, Schlaich & Woll, hair, bristles, 97 Maiden la, New York.
Eaton & Smith, contractors, 715 Ocean, San Francisco, Cal.
Eaton, W. J., lbr. mfrs., Albany, N. Y.
Eaton, W. R., Lumber Co., Lockwood, Mo.
Eaton & Wilson, mill & facty. supplies, New London, Conn.
Eatonton Oil & Fertilizer Co., Eatonton, Ga.
Eatonville Lumber Co., Eatonville, Wash.
Eau Claire Bedding Co., Eau Claire, Wis.
Eau Claire Book & Stationery Co., Eau Claire, Wis.
Eau Claire Mfg. Co., marine gas & gasoline engines, Eau Claire, Wis.
Eau Claire Trunk Co., Eau Claire, Wis.
Eavenson, J., & Sons, soap, Camden, N. J., & Philadelphia, Pa.
Eavey Packing Co., canned goods, Xenia, Ohio.
Ebbecke, M. C., Hardware Co., Allentown, Pa.
Ebe Lumber & Shingle Co., Elbe, Wash.
Ebel Co., brass castings, Canton, Ohio.
Ebeling, Arthur H., architect, Security Bldg., Davenport, Ia.
Ebenreiter Lbr. Co., masons' & bldrs.' matls., Sheboygan, Wis.
Eberbach & Son Co., refractometers, Ann Arbor, Mich.
Eberhard, Geo., metal spinning, 9 Calander, Providence, R. I.
Eberhard Mfg. Co., saddlery, hdwe. mfrs., Cleveland, Ohio.
Eberhard & Splater, cooperage stock, Troy, Ind.
Eberhardt & Co., contrs. tents, Indianapolis, Ind.
Eberhardt, Henry W., architect, Collinsville, Ill.
Eberhardt, Hugo, & Co., leaded glass, etc., 2411 W. 16th, Chicago, Ill.
Eberhardt Lumber Co., Salina, Kan.
Eberhardt & Podgur, contractors, 505 5th av, New York.
Eberhart, M., & Son Co., mill & facty. supplies, 1462 1st av, New York.
Eberle Cornice Co., 4014 Laclede av, St. Louis, Mo.
Eberle, Jos. J., architect, 489 5th av, New York.
Eberlee, T. J., cornices, Cattaraugus, N. Y.
Eberlin, Christ, & Son, cornices & skylights, Hermann, Mo.
Eberling Machy. Co., 1319 Williamson Bldg., Cleveland, Ohio.
Eberly, D. L., Pottery Co., Strasburg, Va.
Eberly & Orris Mfg. Co., wagon & carriage materials, Mechanicsburg, Pa.
Eberly, Wilber A., Wheel Wks., York, Pa.
Eberson, Lindsey, Paint Co., 1832 Morgan, St. Louis, Mo.
Ebert, Geo. W., Co., glass, Salt Lake City, Utah.
Ebert, Norris, cement importers, 119 S. 4th, Philadelphia, Pa.
Ebert Tractor Co., Chicago, Ill.
Eberts Bros. Co., masons' & bldrs.' matls., Wyandotte, Mich.
Ebinger, D. A., Sanitary Mfg. Co., sanitary earthenware, 181 Lucas, Columbus, Ohio.
Eble, Chas., cornices, 1907 Vine, Cincinnati, Ohio.
Ebling, John D., stone, Myerstown, Pa.
Ebstein Bros., twist drills, 127 Duane, New York.
Eby, Amos, & Co., fertilizer mfrs., Leaman Place, Pa.
Eby, F. B., Handle Co., 12th & Stanley, Detroit, Mich.
Eby Machinery Co., 35 Main, San Francisco, Cal.
Eccles, John L., Co., htg. contrs., 699 B'way, New York.
Eccles Lumber Co., Ogden, Utah.
Eccles, Richard Co., vehicle special forgings, etc., Auburn, N. Y.
Eccles & Smith, machy., mill & factory supps., etc., Los Angeles, Cal.
Eccleston, Chas. P., contractor, Westerly, R. I.
Eccleston, F. B., machst. & fndr., Neb. City, Neb.
Eccleston Machy. Co., ball mills, Los Angeles, Cal.
Echota Cotton Mills, Calhoun, Ga.
Eck Dynamo & Motor Co., Belleville, N. J.
See adv index at end of book.
Eckart, Fred, Packing Co., meat packers, Ft. Wayne, Ind.
Eckart Plumbing & Heating Co., Seattle, Wash.
Eckbold's, Wm., Sons, machy. dealers, Aramingo & Girard av, Philadelphia, Pa.
Eckel & Aldrich, architects, Corby-Forsee Bldg., St. Joseph, Mo.
Eckel Hydrostat Co., regulators, 458 Mt. Elliott av, Detroit, Mich.
Eckel, Louis P., architect, 191 York, Buffalo, N. Y.
Eckels-Nye Steel Co., rolling mills, high carbon steel & steel bars, Syracuse, N. Y.
Eckenrode Bros., contractors, Wilkes-Barre, Pa.
Eckenrode, Chas. E., carriages, 18 N. Carrollton, Baltimore, Md.
Eckenroth, F., & Son, lbr., 921 E. 5th, New York.
Ecker, Geo. T., & Co., contrs., Wilkes-Barre, Pa.
Eckerman, Oscar A., architect, Moline, Ill.
Eckerson Bedding Co., Mechanicville, N. Y.
Eckert, John A., packing box mfrs., 214 Pearl, New York, & 54 Hopkins, Brooklyn, N. Y.
Eckert Knitting Co., 923 20th av, N., Minneapolis, Minn.
Eckerts, John, Sons, cornices & skylights, Madison, Ind.
Eckhardt Mfg. Co., agricultural implements, 2300 University av, W., St. Paul, Minn.
Eckhardt Monumental Co., Toledo, Ohio.
Eckhart Carriage Co., Auburn, Ind.
Eckhart, Chris., filter presses, 1237 W. 6th, Cincinnati, Ohio.
Eckiff Automatic Boiler Circulation Co., 48 Shelby, Detroit, Mich.
Eckland, Fugard & Knapp, architects, 111 W. Monroe, Chicago, & Moline, Ill.
Eckler, Henry, Mfg. Co., masons' & bldrs.' matls., & contrs., South Bend, Ind.
Eckles, W. G., architect, New Castle, Pa.
Ecklund, Fugard & Knapp, architects, Sterling, Ill.
Eckman, Chas. H., architect, Marshalltown, Ia.
Eckman Furniture Co., desk mfrs., Jamestown, N. Y.
Eckstorm, Christian A., architect, 5 N. La Salle, Chicago, Ill.
Eclipse Air Brush Co., 79 Orange, Newark, N. J.
Eclipse Brass Fdry. Co., Dayton, Ohio.
Eclipse Cement & Blacking Co., metal polish, 1240 Belmont av, Philadelphia, Pa.
Eclipse Co., bars, hangers, etc., North Girard, Pa.
Eclipse Elec. Mfg. Co., portables, St. Paul, Minn.
Eclipse Fireproof Sash & Door Co., 273 Russell, B'klyn, N. Y.
Eclipse Folding Mach. Co., hand vacuum cleaners & paper folding machines, Sidney, Ohio.
Eclipse Fuel Engineering Co., 100 Forbes, Rockford, Ill.
Eclipse Gas Stove Co., S. Main, Rockford, Ill.
Eclipse Lawn Mower Co., Prophetstown, Ill.
Eclipse Light Co., 583 B'way, New York.
Eclipse Machine Co., bicycle coaster brakes, auto & tractor starters, aeroplane & bicycle hubs, Elmira, N. Y.
Eclipse Machine Tool Co., 7 Sherman, Charlestown, Mass.
Eclipse Mfg. Co., automobile accessories, spark plugs, etc., Indianapolis, Ind.
Eclipse Mfg. Co., bolt and screw cases, Wellston, Ohio.
Eclipse Mfg. Co., revolving chairs, York, Pa.
Eclipse Metal Mfg. Co., stove pipe mfrs., Eden, N. Y.
Eclipse Mill Co., lumber, Everett, Wash.
Eclipse Paint & Mfg. Co., Citizens' Bldg., Cleveland, Ohio.
Eclipse Pulley Covering Co., 2028 W. Lake, Chicago, Ill.
Eclipse Railway Supply Co., car fenders & wheel guards, 4824 Payne av, Cleveland, Ohio.
Eclipse Sign & Advertising Co., Reading, Pa.
Eclipse Stove Co., Mansfield, Ohio.
Eclipse Tanning Co., 119 Sussex av, Newark, N. J.
Eclipse Wall Plaster Co., masons' & bldrs.' matl., Waynesboro, Pa.
Eclipse Wood Pulley Co., Berlin, Pa.
Eco Magneto Clock Co., 197 Congress, Boston, Mass.
Eco Mfg. Co., piston rings, Exchange Bldg., Boston, Mass.
Ecob, Robt. Gilbert, architect, 299 Madison av, New York.
Economic Machinery Co., labeling machy., Worcester, Mass.
Economical Elec. Lamp Wks. of G. E. Co., 25 W. Broadway, New York.
Economical Flush Valve Mfg. Co., New York.
Economy Advtg. Co., glass signs, Centralia, Ill.

Economy Baler Co., machsts., Ann Arbor, Mich.
Economy Boiler Compound Co., Flatiron Bldg., New York.
Economy Box & Pie Plate Co., paper dishes, plates, etc., Marion, Ind.
Economy Concrete Co., laundry trays, 997 Dixwell, New Haven, Conn.
Economy Construction Co., 318 W. 10th, Kansas City, Mo.
Economy Drawing Table Co., Adrain, Mich.
Economy Elec. Co., sadirons, 211 Fulton, Brooklyn, N. Y.
Economy Elec'l Spec. Co., conduit benders & junction boxes, 2857 S. Halsted, Chicago, Ill.
Economy Engn'g Co., portable elevators & tiering mach., 415 So. Washtenaw av, Chicago, Ill.
Economy Engn'g Co, electric hoists, Willoughby, Ohio.
Economy Excavator Co., machines, Iowa Falls, Ia.
Economy Furnace Co., Chicopee, Mass.
Economy Fuse & Mfg. Co., Kinzie & Orleans, Chicago, Ill.
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Economy Gas Lamp Co., 213 Goodrich, Kansas City, Mo.
Economy Gas Mach. Co., Rochester, N. Y.
Economy Glove Co., Ft. Wayne, Ind.
Economy Hang-Up Soap Co., 180 N. Dearborn, Chicago, Ill.
Economy Heater Co., automatic water heaters and boilers, gas heating, 108 So. La Salle, Chicago, Ill.
Economy Iron Works, feed water purifiers, Chester, Pa.
Economy Lubrg. Co., 655 Main, Boston, Mass.
Economy Machinery Co., dealers, 428 E. Pearl, Cincinnati, Ohio.
Economy Mfg. Co., tool chests, 508 Commerce, Philadelphia, Pa.
Economy Metal Edge Box Co., 500 S. Peoria, Chicago, Ill.
Economy Mills, cotton & woolen waste, 2322 22d, Oakland, Cal.
Economy Motor Co., automobile builders, Tiffin, Ohio.
Economy Oil Co., 13th & Clinton, Chicago, Ill.
Economy Pottery Co., Trenton, N. J.
Economy Pumping Mach'y Co., 116 N. Carpenter, Chicago, Ill.
Economy Seat Co., Inc., upholstered chair seats, 915 W. 31st, Chicago, Ill.
Economy Separable Switch Point Co., Louisville, Ky.
Economy Silo & Mfg. Co., Frederick, Md.
Economy Stay Co., handles, bags, Jefferson City, Mo.
Economy Stove Co., Cleveland, Ohio.
Economy Switchbox & Mfg. Co., Cleveland, Ohio.
Economy Toggle Co., 21 Storer, Boston, Mass.
Economy Tumbler Co., glass, Morgantown, W. Va.
Economy Vapor Heating Co., vacuum valves, Merchants' National Bank Bldg., Omaha, Neb.
Economy Welding Mach. Co., Kansas City, Mo.
Economy Wiping Materials Co., waste, 100 10th av, New York.
Ecorse Fdry. & Mach. Co., Ecorse, Mich.
E. C. Sales Co., auto. tire holders, 140 W. Van Buren, Chicago, Ill.
Edbrooke, H. W. J., architect, Opera House blk., Denver, Colo.
Eddleman, Wm. H., & Sons, contractors, 453 Green La Rox, Philadelphia, Pa.
Eddy Brass Fndry. & Mach. Co., 301 N. Halsted, Chicago, Ill.
Eddy Bros. & Co., lbr. mfrs., Bay City, Mich.
Eddy, C. F., Co., masons' & bldrs.' matls., West Newton, Mass.
Eddy, C. K., & Sons, lbr. mfrs., Saginaw, Mich.
Eddy Co., razor strops, Worcester, Mass.
Eddy, D., & Sons Co., refrigerators, 326 Adams, Boston, Mass.
Eddy & Eddy, starch, Main & Market, St. Louis, Mo.
Eddy Eng'ng Co., Alpena, Mich.
Eddy, F. W., contractor, Wilkes-Barre, Pa.
Eddy, Geo. M., Co., measuring tapes, 135 Johnson, Brooklyn, N. Y.
Eddy, Geo. W., Co., wholesale hardware, Syracuse, N. Y.
Eddy Paper Co., Three Rivers, Mich.
Eddy, R. M., Fndry Co., 372 W. Grand av, Chicago, Ill.
Eddy Valve Co., fire hydrants, valves, etc., Waterford, N. Y.
Eddy, W., Plow Co., Greenwich, N. Y.
Eddy's, Titus, Son., lamp black mfr., Troy, N. Y.
Eddystone Mfg. Co., machsts. & fndrs., Eddystone, Pa.
Ede, G. A., machsts. & fdrs., Cobden, Ill.
Edelman & Barnett, architects, 356 S. Spring, Los Angeles, Cal.
Edelmann, E., & Co., automobile accessories mfrs., 341 E. Ohio, Chicago, Ill.
Edelstein, Carl, scrap brass, 279 Front, New York.
Eden, John, contractor, Attleboro, Mass.
Ederer, R. J., Co., cotton rope, fish nets, etc., 341 W. Ohio, Chicago, Ill.
Ederer, R. J., Thread Co., Elizabeth & Unity, Philadelphia, Pa.
Edes Mfg. Co., battery coppers, plates & zinc rods, Plymouth, Mass.
Edgar Bros. Co., clay, miners & shippers, Metuchen, N. J.
Edgar & Campbell, cornices & skylights, Seattle, Wash.
Edgar Canning Co., Edgar, Nebr.
Edgar, Chas. S., masons' & bldrs.' matls., Metuchen, N. J.
Edgar Lumber Co., Wesson, Ark.
Edgar Mfg. Co., nutmeg graters, Reading, Mass.
Edgar Plastic Kaolin Co., Metuchen, N. J.
Edgar Steel Seal & Mfg. Co., Lawrence, Kans.
Edgar Zinc Co., Security Bldg., St. Louis, Mo.
Edge, Benj. F., sash, door & blind mfrs., Grand Rapids, Mich.
Edge & Edwards Machy. Co., filing machines, Newark, N. J.
Edge, Frank, & Co., machsts., Grand Rapids, Mich.
Edge Hill Silica Rock Co., cupola linings or blocks, New Brunswick, N. J.
Edge Moor Iron Co., Edge Moor, Del.
E. D. Gear Mfg. Co., Inc., wagon gears, Westfield, N. Y.
Edgecomb, W. H., & Sons, lumber, Knoxville, Pa.
Edgecombe Co., pipe joint compound, Cuyahoga Falls, Ohio.
Edgecumbe, J. C., & Co., packing mfrs., 149 Broadway, New York.
Edgecumbe-Parks Co., poles, Benton Harbor, Mich.
Edgemont Machine Co., friction clutches, etc., Dayton, Ohio.
Edgerton Mfg. Co., coal baskets, Plymouth, Ind.
Edgerton, William S., architect, 234 Lark, Albany, N. Y.
Edgertyn Aniline Corp., 118 William, New York.
Edgett-Burnham Co., canned goods, Newark, N. Y.
Edgett & Ellis Co., lumber, Somerset, Ky.
Edgett & Patterson, contractors, Carbondale, Pa.
Edgeworth, Jas. J., stone, 2701 Stewart av, Chicago, Ill.
Edginton, Walter, pearl buttons, 210 Vine, Philadelphia, Pa.
Edible Products Co., cocoanut oil, 120 Broadway, New York.
Edinburg Milling Co., flour, Edinburg, Va.
Edinger, Ed. Co., contractors & stone producers, Cedar Rapids, Ia.
Edington Bros., cornices & skylights, Harriman, Tenn.
Edison Elec. Appliance Co., Inc., ranges, cooking app., etc., 5660 W. Taylor, Chicago, Ill.
Edison Elec. Illuminating Co., of Brooklyn, 360 Pearl, Brooklyn, N. Y.
Edison, J. D., fertilizer mfrs., Johnston, S. C.
Edison Lamp Wks. of G. E. Co., x-ray app., Sussex, Harrison, N. J.
Edison Phonograph Wks., machsts., Orange, N. J.
Edison Portland Cement Co., Stewartsville, N. J.
Edison Storage Battery Co., Orange, N. J.
Edison, Thos. A., machsts., Orange, N. J.
Edlin, S. H., & Co., machsts., Indianapolis, Ind.
Edmands, Arthur B., Co., mill & facty. supplies, Slater av, Pawtucket, R. I.
Edmands, Walter S., elec. light baths, 134 Congress, Boston, Mass.
Edmonds Elev., Co., Cleveland, Ohio.
Edmonds, F. E., cornices, Springfield, Ill.
Edmonds, J. Wesley, & Son, metal polish, 212 West, New York.
Edmonds, Thos. C., & Co., plate glass, 1826 Park av, New York.
Edmonds, W. A., & Co., brass castings, Norfolk, Va.
Edmondson, R. Q., & Bro., fertilizer mfrs., Eufaula, Ala.
Edmonston, Sam'l H., Co., contractors, 611 G, N. W., Washington, D. C.
Edmunds, Franklin D., architect, Real Est. Tr. Bldg., Phila., Pa.
Edmunds, Jas. R., Jr., architect, 12 E. Read, Baltimore, Md.
Edmunds & Jones Corp., auto. lamps & whistles, 436 Lawton, Detroit, Mich.
Edmunds Mfg. Co., interior hardwood wk., 1220 S. Robey, Chicago, Ill.
Edmunds, W. C., & Son, whol. hdwe., 112 S. Howard, Baltimore, Md.
Edna Brass Mfg. Co., Cincinnati, Ohio.
Edna Cotton Mills, Reidsville, N. C.
Edson, Gilbert, architect, Connell Bldg., Scranton, Pa.
Edson Mfg. Co., diaphragm pumps, marine steering gears & bottle filling machines, mfrs., 257 Atlantic av, Boston, Mass.
Edson, Starks, paint mrf., Saxton's River, Vt.
Edson, Wyman L., agricultural implts., creamery testers, etc., Union Center, N. Y.
Edstrand & Olson, plating wks., 159 N. Jefferson, Chicago, Ill.
Edtbauer, E., automatic weighing machs., 817 Washington blvd., Chicago, Ill.
Educational Film Corp., wood fillers, 729 7th av, New York.
Edward Bros., sea green rfg. slate, Granville, N. Y.
Edward Valve & Mfg. Co., Edison Bldg., Chicago, Ill.
Edwards, B. V., & Co., machinists, 45 Austin, Newark, N. J.
Edwards, B. W., & Sons, lumber mfrs., 17 S. Gay, Baltimore, Md.
Edwards Bros., sealing wax, Milton, Mass.
Edwards, C. D., agricultural implements, Albert Lea, Minn.
Edwards, C. J., Co., masons' & bldrs.' matls., Vicksburg, Miss.
Edwards & Chamberlain Hardware Co., whol. hdwe., Kalamazoo, Mich.
Edwards, Chas., architect, 129 Market, Paterson, N. J.
Edwards & Co., electrical specialties manfrs., Exterior & 140th, New York.
Edwards & Co., masons' & bldrs.' matls., Kingston, Pa.
Edwards Construction Co., Tampa, Fla.
Edwards, E. A., & Co., stone producers, Denver, Colo.
Edwards, E. L., Lbr. Co., Dayton, Ohio.
Edwards, Edwd. T., iron & steel trolley mills, Columbia, Pa.
Edwards & Edwards, scythe snaths, Waterbury, Vt.
Edwards Folding Box Co., 27 N. 6th, Philadelphia, Pa.
Edwards Furnace Co., Wellsboro, Pa.
Edwards, G. B., Lumber Co., Bessemer, Ala.
Edwards, Geo. B., cornices, Mendota, Ill.
Edwards, H. B., masons' & bldrs.' matls., Titusville, Pa.
Edwards, H. D., & Co., mill, facty. & steam fitters' supplies, 18 Woodward, Detroit, Mich.
Edwards Instrument Co., 966½ Ft. Wayne av, Indianapolis, Ind.
Edwards, J. R., & Co., contractors, Pottsville, Pa.
Edwards, Jas., pearl buttons, Newark, N. J.
Edwards, John H., stone, 5837 Justine, Chicago, Ill.
Edwards, Jos., & Co., steam pumps, 827 E. 9th, New York.

Edwards, L. T., consulting htg. engineers, 18th & 7th, Phila., Pa.
Edwards Lighting Fixture Co., 65 E. Lake, Chicago, Ill.
Edwards Metal Structure Co., metal lath, Kansas City, Mo.
Edwards Mfg. Co., cotton sheetings, Augusta, Me.
Edwards Mfg. Co., machinists & founders, Laceyville, Pa.
Edwards Mfg. Co., metal ceilings, shingle, tile, steel lockers & shelving, rolling steel doors, 545-565 Eggleston av, Cincinnati, Ohio. *See adv index at end of book.*
Edwards Mfg. Co., washing machs., Honey Creek, Ind.
Edwards Mills, cotton twine, Crawford, Ga.
Edwards & Monohan Co., contractors, 6 Beacon, Boston, Mass.
Edwards & Norberg, architects, Phelan Bldg., San Francisco, Cal.
Edwards, O. D., masons' & bldrs.' matls., Ithaca, N. Y.
Edwards, O. M., Co., filing cabinets & railway sash fixtures, Syracuse, N. Y.
Edwards, R. M., cornices, Los Angeles, Cal .
Edwards, Robert C., architect, 6 Hillside rd, Elizabeth, N. J.
Edwards, S. E., architects, Sheidley Bldg., Kansas City, Mo.
Edwards Vitrified Brick Co., sewer pipe, Albion, Ill.
Edwards, Wm. A., architect, Candler Bldg., Atlanta, Ga.
Edwards, W. F., & Co., contractors, Orange, N. J.
Edwards, W. G., machinist, Plainview, Minn.
Edwards, W. Harry, architect, Boston Bldg., Denver, Colo.
Edwards, W. J., architect, Grand Forks, N. D.
Edwards & Walker Co., whol. hdwe., mill & facty. supplies, Portland, Me.
Edwards & Wildey Co., contrs., Black Bldg., Los Angeles, Cal.
Edwards, Wm., contractor, Ridgway, Pa.
Edwards X-Ray Mfg. Co., generators, Indianapolis, Ind.
Edwardsville Brass Co., machsts. & fndrs., Edwardsville, Ill.
Edwins & Edwins, architects, N. W. Bldg., Minneapolis, Minn.
Eefers, Wm. R., sheet metal stampings, 140 Sullivan, New York.
Eells & Mott Co., carriage & wholesale hdwe., Oneida, N. Y.
Eely, Fred H., architect, Lyceum Bldg., Memphis, Tenn.
Effbee Co., manicure sets, Wells, Chicago, Ill.
Efferding, T. G., contractor, Dubuque, Ia.
Effert & Gerisch, stone producers, West New York, N. J.
Efficiency Elec. Co., cable rocks & fixture hangers, E. Palestine, Ohio.
Efficiency Oil Corp, 1716 B'way, New York.
Efficiency Oil Corp., 2100 Kienlenar, St. Louis, Mo.
Efficient Contrs., Inc., open hearth furnaces, Perth Amboy, N. J.
Efficient Service Co., engineers, draftsmen, etc., employment agency, Monadnock blk., Chicago, Ill.
Efland Milling Co., flour, Efland, N. C.
Efron, Jacob, steam fitters' supplies, 233 Broome, New York.
Egan & Co., contractors, 133 W. Washington, Chicago, Ill.
Egan, Martin J., 490 S. 13th, Newark, N. J.
Egan, Seth S., machst., Lebanon, Ind.
Egan, K. Francis X., Corp., cotton waste, 20-22 Bergen, Brooklyn, N. Y.
Egan, Thos., contractor, New Orleans, La.
Egan, Thos. J., contractor, Greenwich, Conn., & 1721 Bluff, Pittsburgh, Pa.
Egan, Thos. P., contractor, Coxtan Bldg., Cleveland, Ohio.
Egan Waste Co., 19 Burling, New York.
Egbers, Geo. H., & Bro., iron, 228 E. 7th, Cincinnati, Ohio.
Egbert, W. V., & Co., plumbers' supplies—jobbers, 35 Mechanic, Newark, N. J.
Egdorf, John, stone, 1227 Otto, Chicago, Ill.
Egg Harbor Brick Mfg. Co., Egg Harbor City, N. J.
Eggan, Fred. J., mill & facty. supplies, Ishpeming, Mich.
Eggers, Chas. F., & Co., contractors, Uniontown, Pa.
Eggers, Fred, Veneer Seating Co., Two Rivers, Wis.
Eggers & Heinlein, crude rubber, 59 Pearl, New York.
Eggers, Jno., Iron Wks., 219 N. Elizabeth, Chicago, Ill.
Eggers Milling Co., flour, Hermann, Mo.
Eggers, Wm. J., & Sons, rubber molds, 294 Taaffe pl, Brooklyn, N. Y.
Eggerss-Oflyng Co., boxes, trunks, Omaha, Neb.
Eggert, Chas., masons' & bldrs.' matls., North Milwaukee, Wis.
Eggert, G. S., lbr. mfrs., Getchell, Wash.
Egginton, O. F., Co., cut glassware, Corning, N. Y.
Egle Bros., Mfg. Co., china kilns, 169 Sylvester, Detroit, Mich.
Egry Register Co., Dayton, Ohio.
Egypt Canning Co., Fairport, N. Y.
Egyptian Chemical Co., disinfectants, 255 Atlantic av, Boston, Mass.
Egyptian Iron Wks., mine cars, cages, etc., Murphysboro, Ill.
Egyptian Laquer Mfg. Co., Rahway, N. J.
Egyptian Lumber Co., St. Louis, Mo.
Egyptian Powder Co., East Alton, Ill.
Ehinger-Vogt Co., toys, Palmyra, Mich.
Ehlers, A., architect, Carthage, Mo.
Ehlers, Geo. C., architect, 721 3d, Milwaukee, Wis.
Ehlers, Robt. J., Co., refrigerators, furniture, 125 E. 46th, New York.
Ehlers, Wm. H., architect, Catonsville, Md.
Ehlert Hdwe. Co., 209 3d, Milwaukee, Wis.
Ehman Tire & Rubber Co., La Salle & 27th, Chicago, Ill.
Ehmann Olive Co., canned, Oroville, Cal.
Ehrensperger, J. J., machsts. & fndrs., Cullman, Ala.
Ehret Magnesia Mfg. Co., Land Title Bldg., Philadelphia, Pa.
Ehret Roofing & Mfg. Co., Drexel Bldg., Phila., Pa.
Ehrhard Mfg. Co., carriages, St. Charles, Mo.
Ehrhardt, C. & Son, lbr., Ehrhardt, S. C.
Ehrhart, Louis, & Son, sash, door & blind mfrs., 2415 Fullerton av, Chicago, Ill.
Ehrlich, A. B., & Co., scrap iron, Springfield, Mass.
Ehrlich, Mrs. F., knitted gloves, 1211 Arch, Philadelphia, Pa.
Ehrlich, H., & Sons Mfg. Co., bk. fixtures, lumber, St. Joseph, Mo.
Erman Mfg. Co., celluloid signs, 170 Summer, Boston, Mass.
Ehrmann & Bablsen, carbon & cortz, 2 Maiden la, New York.
Ehrmann & Co., meat packers, Terre Haute, Ind.
Ehrmann, Ludwig, color mfrs. & imptrs., 288 Bowery, New York.
Ehrsam, Fritz., architect, 922 Franklin, Reading, Pa.
Ehrsam, J. B., & Sons Mfg. Co., mill & facty. supplies, Enterprise, Kans.
Eich, Geo. B., architect, 39 S. State, Chicago, Ill.
Eichberg & Lang, cornices, Memphis, Tenn.
Eichberg S., Milton, architect, 64 W. Randolph, Chicago, Ill.
Eichel, Jas., machsts., 381 Broome, New York.
Eichelberger's, T. D., Sons, masons' & bldrs.' matls., Dayton, O.
Eichenbusch, J. W., & Bro., bags & suit cases, 9 W. Kinzie, Chicago, Ill.
Eichenfeld, Daniel, architect, Tulsa, Okla.
Eichholtz, Geo. W., & Son, lbr. mfrs., Indianapolis, Ind.
Eichhorn, Augustus, architect, 81 Essex, Orange, N. J.
Eichleay, John, Jr., Co., contractors, Pittsburgh, Pa.
Eichman, J. C., Mfg. Co., plumbers' supplies, mfrs., Balto., Md.
Eichmann, Robt. W., contractor, 234 Summit av, Jersey City, N. J.
Eichorn, Mrs. Ludwig, cornices, New Orleans, La.
Eickoff, O. S., architect, Spring Valley, N. Y.
Eid, L., Concrete Steel Co., 1206 Liberty, Cincinnati, Ohio.
Eidlitz, Cyrus L. W., archt., 347 W. 86th, New York.
Eidlitz, Marc, & Son, contractors, 30 E. 42d, New York.
Eidlitz & Ross, steel structural wk., 110 W. 40th, New York.
Eidt, Julius, cornices & skylights, Sioux City, Ia.
Eielson, A., lbr. mfrs., Springfield, Ill.
Eifert, Hy. F., auto. & furn. binding, 42 Union sq., New York.
Eifert, Paul, auto. trunks, Grand Rapids, Mich.
Eifert & Stochr, organs, 920 2d av, Long Island City, N. Y.
Eifler, Chris., organs, Darby, Pa.
Eilers, Henry, contractor, Burlington, Ia.
Eimer & Amend, chemicals, chemical apparatus, etc., 205 3d av, New York.
Einsiedel, Julius, brick, Egg Harbor City, N. J.
Einsweller, C. W., masons' & bldrs.' matls., Utica, Ohio.
Eisaman & Richer, lumber, Peru, Ind.
Eisbach, Peter, contractor, Dubuque, Ia.
Eiselt, Heinrich E., archt., Colorado Sav. & Trust Bldg., Columbus, Ohio.
Eiseman, G. Chas., cornices, Houston, Tex.
Eisemann, John Ed., cornices & skylights, Houston, Tex.
Eisen & Son, architects, Wilcox Bldg., Los Angeles, Cal.
Eisenberg Bros., arch'l iron, 438 E. 10th, New York.
Eisenberg, M. & Son, fireplace furnishings, mfrs., 165 Grand, New York.
Eisenberg, S., architect, Chelsea, Mass.
Eisenbrandt, F. B., machinist, ft. of Light, Baltimore, Md.
Eisendrath Glove Co., leather gloves, Armitage & Elston, Chicago, Ill.
Eisendrath, Simon B., architect, 500 5th av, New York.
Eisenla, Frederic W., architect, 186 Remsen, Brooklyn, N. Y.
Eisenman, Chas E., contr., 154 Linwood av, Bridgeport, Conn.
Eisenmann, John, architect, The Arcade, Cleveland, Ohio.
Eisemann, S. J., ironing boards, 369 Broadway, New York.
Eisenmayer Milling Co., flour, Springfield, Mo.
Eisenmenger, L., Meat Co., St. Paul, Minn.
Eisenstadt, Wm., soap, 1615 W. 42d, Chicago, Ill.
Eisenstark & Lipshitz, advtg. nov., 297 Mercer, New York.
Eisinger, L. W., architect, 52 Vanderbilt av, New York.
Eisler, Anthony & Co., paper clips, gummed labels, tags, tickets, etc., 227 Canal, New York.
Eisler Mfg. Co., spec. machy. & stamping works, Rochester, N. Y.
Eismann Magneto Co., spark plugs, 32 33d, Brooklyn, N. Y.
Eisner Bros. & Birenberg, archl. iron, 51 E. 110th, New York.
Eissler, J. Fred, carriages, Fostoria, Ohio.
Eiswerth Co., sash, door & blind, Williamsport, Pa.
Eitel, H. G., masons' & bldrs.' matls., Elberton, Wash.
Eizner & Anderson, architects, Citizens' National Bank Bldg., Cincinnati, Ohio.
Ekle, A. R., stone producers, Mankato, Minn.
Ekroth Piano Co., Rockford, Ill.
Ekstrand, Oscar, & Co., contractors, Evanston, Ill.
Ela, M. T., lbr., Warner, N. H.
Elaborated Ready Roofing Co., 4417 Wentworth av, Chicago, Ill.
Elam, Thos., & Son, contractors, 180 Jessie, San Francisco, Cal.
El Arco Radiators Co., airplane radiators, 252 W. 64th, New York.
Elastic Tip Co., small molded rubber goods, mfrs., 370 Atlantic av, Boston, Mass.
Elastoid Fibre Co., candle tubes & paper sleeves, Waltham, Mass.
Elaterite Paint & Mfg. Co., Des Moines, Ia.
Elba Fertilizer Wks., Elba, Ala.
Elba Mfg. Co., cottonseed meal, Charlotte, N. C.
Elba Products Co., canned goods, Batavia, N. Y.
Elbel Co., machinists & founders, Canton, Ohio.
Elbert & Co., oil importers, 71 Wall, New York.
Elbert County Fertilizer Co., Elberton, Ga.
Elberton Brick Co., Elberton, Ga.
Elberton Granite Corp., Elberton, Ga.

Elberton Guano Co., Elberton, Ga.
Elberton Machine Works, Elberton, Ga.
Elberton Oil Mills, Atlanta, Ga.
Elboeuf Knitting Co., bathing suit mfrs., Utica, N. Y.
Elbridge Engine Co., gas engines, 109 Sibley Block, Rochester, N. Y.
Elcessor, Andrew, tubular boilers, Marietta, Ohio.
Elco Co., ship builders, Bayonne, N. J.
Elco Works, The, machsts., Bayonne, N. J.
Elcock & Sons, granite, W. Quincy, Quincy, Mass.
El Comercio, trade publication, 114 Liberty, New York.
Elden, T. G., bolt, nut & rivet mfr., 115 Sycamore, Cincinnati, O.
Elder Bros., contractors, San Antonio, Tex.
Elder-Conroy Hardware Co., Clarksville, Tenn.
Elder & Henry, founders, Columbus, O.
Elder, Hiram, architect, Marion, Ind.
Elder, J. E., Hardware Co., Clarksville, Tenn.
Elder, Jas., cordage mfrs., 230 W. Coulter, Germantown, Philadelphia, Pa.
Elder Mercantile Co., cornices & skylights, Ottawa, Kan.
Elder Paving & Contrg. Co., Montebello av, Baltimore, Md.
Elder, Robert L., contractor, 806 E. 11th, Indianapolis, Ind.
Elder, W. F., Lumber Co., Macon, Ga.
Elderfield-Hartshorn Hardware Co., Niagara Falls, N. Y.
Eldora Pipe & Tile Co., Eldora, Ia.
Eldorado Brick Co., Eldorado, Ill.
Eldorado Foundry & Mach. Co., Eldorado, Ark.
Eldorado Lumber Co., Eldorado, Ark.
Eldorado Oil Mill & Fertilizer Co., Eldorado, Ark.
El Dorado Oil Works, 433 California, San Francisco, Cal.
Eldorado Packing Co., canners, Eldorado, Md.
Eldred, Anson, Co., paper & pulp mills, Stiles, Wis.
Eldred Mfg. Co., cigar lighters, 46 W. Kinzie, Chicago, Ill.
Eldred Mill Co., flour, Jackson, Mich.
Eldred, Williard H., harness mfrs., Battle Creek, Mich.
Eldred Window Glass Co., Punxsutawney, Pa.
Eldredge Electric Mfg. Co., machinists, Springfield, Mass.
Eldredge, Geo. W., architect, Consolidated Realty Bldg., Los Angeles, Cal.
Eldridge Bros., sash, door & blind mfrs., Dexter, Me.
Eldridge, C. W., architect, Cutler Bldg., Rochester, N. Y.
Eldridge, Geo. G., machinist & founder, Des Moines, Ia.
Eldridge Mfg. Co., automobile bldrs., 140 Stuart, Boston, Mass.
Eldridge, T. H., fertilizer mfrs., Norwich, Conn.
Eldridge, Wm. K., architect, Board of Trade Bldg., Indianapolis, Ind.
Eldt, Geo. M., soap, Tiffin, Ohio.
Electra Lightning Rod Co., Cresco, Ia.
Electric Accumulator Co., rectifiers, 811 Penna., Pittsburgh, Pa.
Elec. Alkaline Co., "Clorox" disinfectant, East Oakland, Cal.
Elec. Apparatus Co., mail boxes, 127 S. Green, Chicago, Ill.
Elec. Appliance Co., Burlington, Kan.
Elec. Appliance Co., car bells, 701 W. Jackson blvd., Chicago, Ill.
Elec. Auto-Lite Co., Toledo, O.
Elec. Automatic Appliance Co., fire alarms, 1749 Arapahoe, Denver, Colo.
Elec. Automatic Cigar Lighter Co., 556 W. 27th, New York.
Elec. Auto Sales Corp., auto frames & trucks, Central Park W. & 62d, New York.
Elec. Blower Co., electric forge blowers, electric blowers & exhausters & electric ventilating fans, mfrs., 352 Atlantic av, Boston, Mass.
Electric Boat Co., Groton, Conn.
Elec. Boiler Co., Rochester, N. Y.
Elec. Cable Co., insulated wire, 10 E. 43d, New York.
Elec. Car & Locomotive Corp., 165 B'way, New York.
Elec. Carriage Call & Spec. Co., 311 W. 40th, New York.
Elec. Carrier Co., 15 Park Row, New York.
Elec. City Bedding Co., mattresses, Scranton, Pa.
Elec. City Brick Co., Augusta, Ga.
Elec. City Fdry. Co., Schenectady, N. Y.
Elec. City Glass Co., 480 Genesee, Buffalo, N. Y.
Elec. Cleanser Co., Canton, Ohio.
Elec. Compound Co., soap powders, 211 W. 16th, Los Angeles, Cal.
Elec. Const. & Machy. Co., Rock Island, Ill.
Elec. Construction & Motor Co., Findlay, Ohio.
Elec. Controller Co., heating pads, 317 W. Maryland, Indianapolis, Ind.
Electric Controller & Mfg. Co., switches, 2698 E. 79th, Cleveland, Ohio. *See adv. index at end of book.*
Elec. Cut Co., coffee or spice mills, Canton, O.
Elec. Dumbwaiter Co., 116 Morgan, Pittsburgh, Pa.
Elec. Economy Co., rectifiers, 1529 Columbus av, Roxbury, Boston, Mass.
Elec. Emery Wheel Co., 827 Broad, Newark, N. J.
Elec. Engineering Co., 21 N. 6th, Minneapolis, Minn.
Elec. Engrs. Equipment Co., 711 Meridian, Chicago, Ill.
Elec. Fire Alarm Co., Sheboygan, Wis.
Elec. Flasher Co., 80 5th av, New York.
Elec. Floor Surfacer Co., 149 W. 36th, New York.
Elec. Furnace Co. of America, Alliance Bank Bldg., Alliance, O.
Elec. Furnace Construction Co., Fiance Bldg., Phila., Pa.
Elec. Fuseguard Co., 60 Shipman, Newark, N. J.
Elec. & Glass Spec. Wks., Toledo, Ohio.
Elec. Goods Mfg. Co., Canton, Mass.
Elec. Heat Regulator Co., 2753 4th av, S., Minneapolis, Minn.
Elec. Heating Apparatus Co., electric furnaces, 121 Sussex av, Newark, N. J.
Elec. Horn & Spec. Co., Utica, N. Y.
Elec. Hose & Rubber Co., 12th & Dure, Wilmington, Del.
Elec. Lustre Starch Co., 26 Central, Boston, Mass.
Elec. Mach. Co., corn poppers, New Albany, Ind.
Elec. Machinery Co., 14th av & N. E. Tyler, Minneapolis, Minn.
Elec. Machy. Sales Co., 327 S. La Salle, Chicago, Ill.
Elec. Mfg. Co., auto. supplies, 166 W. 6th, St. Paul, Minn.
Elec. Mfg. Co., cooking app., 59 New Montgomery, San Francisco, Cal.
Elec. Materials Co., bearings, castings, forgings, etc., North East, Pa.
Elec. Motors Co. (The), armature, stator and field coil winding, 5902 Carnegie av, Cleveland, Ohio.
Elec. Novelty Works, 533 Mission, San Francisco, Cal.
Elec. Operations Co., machsts. & fndrs., 254 36th, Brooklyn, N. Y.
Elec. Panelboard Co., junction boxes, 27 N. Water, Rochester, N. Y.
Elec. Porcelain & Mfg. Co., Trenton, N. J.
Elec. Products Co., light switchboards & generators, 1067 E. 152d, Cleveland, Ohio.
Elec. Railway Equipment Co., Cincinnati, Ohio.
Elec. Railway Improvement Co., Cleveland, Ohio.
Elec. Ry. Journal, 10 av & 36th, New York.
Elec. Railway & Mfrs. Supply Co., 36 2d, San Francisco, Cal.
Elec. Refining Co., lubricating oils & greases, Toledo, Ohio.
Elec. Review & Western Electrician, trade publication, 608 S. Dearborn, Chicago, Ill.
Elec. Rotary Mach. Co., 32 S. Clinton, Chicago, Ill.
Elec. Rubber Reclaiming Co., Barberton, Ohio.
Elec. Service Co., commutator rings, 12th & Madison, Cincinnati, Ohio.
Elec. Sales Corp., elec. radiators, Henry Bldg., Seattle, Wash.
Elec. Service Supplies Co., clamps & trailer connectors, 17th & Cambria, Philadelphia, Pa.
Elec. Smelting & Aluminum Co., Lockport, N. Y.
Elec. Spark Appliance Co., auto. horns, 140 Imlay, Bklyn., N. Y.
Elec. Specialties Mfg. Co., cooking app., Benton Harbor, Mich.
Elec. Specialty Co., condensers, testers, Cresco, Ia.
Elec. Specialty Co., generators, Stamford, Conn.
Elec. Specialty Mfg. Co., interior tele., Moorhead Bldg., Pittsburgh, Pa.
Elec. Steam Radiator Co., Portland, Me.
Elec. Steel Castings Co., 64th & R. R., Milwaukee, Wis.
Elec. Steel Co., W. 31st & S. Wood, Chicago, Ill.
Elec. Steel Co. of Ind., castings, Indianapolis, Ind.
Elec. Steel Fdry., Portland, Ore.
Elec. Storage Battery Co., 19th & Allegheny av, Phila., Pa.
Elec. Storage Supply Co., batteries, Somerville, Mass.
Elec. Supply Co., armature rewinding & commutator refilling, Charleston, S. C.
Elec. Supply Co., sockets, incandescent lamps, Sioux City, Ia.
Elec. Supply Co., storage batteries, 727 Superior av, N. E., Cleveland, Ohio.
Elec. Tachometer Co., Perry Bldg., Philadelphia, Pa.
Elec. Time & Mfg. Co., clocks, West Lafayette, Ind.
Elec. Vehicles, trade publications, 53 W. Johnson blvd., Chicago, Ill.
Elec. Vulcanizer Co., 618 3d av, S., Minneapolis, Minn.
Elec. Water Sterilizer Co., Scottdale, Pa.
Elec. Welding Co., gear blanks, 2114 Superior Viaduct, Cleveland, Ohio.
Elec. Welding Co., machy., 764 Cort., New York.
Elec. Welding Co., reinforcing materials, Benediun Trees Bldg., Pittsburgh, Pa.
Elec. Wheel Co., metal wheels, cars, carts, etc., Station D, Quincy, Ill.
See adv index at end of book.
Electrical Age, trade publication, 233 B'way, New York.
Elec'l Alloy Co., resistance wire mfrs., Morristown, N. J.
Elec'l Appliance Mfg. Co., blind fasteners & oven thermometers, mfrs., Waterbury, Conn.
Elec'l Const. Supply Co., arc lamp insulators, Springfield, Ohio.
Elec'l Decorative Flower Co., 140 W. 116th, New York.
Elec'l Industries Mfg. Co., 328 W. 41st. New York.
Elec'l Mfg. Co., lugs, switchboards, light & power, 112 Hamilton av, Cleveland, Ohio.
Elec'l Material Co., elec. supp., 618 W. Jackson blvd, Chicago, Ill.
Elec'l Mfrs. Equipment Co., armature machy., Postal Telegraph Bldg., Chicago, Ill.
Elec'l Merchandising, trade publication, 239 W. 39th, N. Y.
Elec'l Products Corp., elec. illumn. signs, 941 W. 16th, Los Angeles, Cal.
Elec'l Record, 116 Liberty, New York.
Elec'l Repair Co., 548 W. 25th, New York.
Elec'l Review, trade publication, Monadnock block, Chicago, Ill.
Elec'l Sales Co., fire alarms, elec. bells & horns, 176 Federal, Boston, Mass.
Elec'l Specialty Mfg. Co., outlet bushings, 49 Beaufort, Providence, R. I.
Elec'l Testing Co., storage battery charging sets, Peoria, Ill.
Elec'l Testing Laboratories, 80th & E. End av, New York.
Elec'l World, trade publication, 10th av & 36th, New York.
Electro-Ad Co., elec. illuminated signs, Detroit, Mich.
Electro Bleaching Gas Co., 18 E. 41st, New York.

Electro Call Signal Co., factory signals, 1591 Columbus rd, Cleveland, Ohio.
Electro Chemical Co., Dayton, Ohio.
Electro Chemical Engraving Co., advtg. novelties, etched metal signs, etc., 450 19th, Brooklyn, N. Y.
Electro Dental Mfg. Co., heaters, surgical instruments, etc., 33d & Arch, Philadelphia, Pa.
Electro-Dynamic Co., machs., Bayonne, N. J.
Electro Importing Co., 233 Fulton, New York.
Electro Magnetic Tool Co., 2902 Carroll, Chicago, Ill.
Electro-Metallurgical Co., 42d St. Bldg., New York.
Electro Silicon Co., metal polish, 30 Cliff, New York.
Electro Steel Co., elec. furnace, Curry Bldg., Pittsburgh, Pa.
Electro Surgical Instrument Co., Rochester, N. Y.
Electrolamp Co., spark plugs, Detroit, Mich.
Electrolytic Engineering Corpn., electrolytic cells, 501 5th av, New York.
Electrolytic Sanitation Co., sewage disposal system, 53 W. Jackson blvd, Chicago, Ill.
Electrolytic Zinc Co., 3 So. William, New York.
See adv. index at end of book.
Electromechanical Co., armatures, 530 N. Calvert, Balto., Md.
Electromobile Motor Car Co., Boatmen's Bank Bldg., St. Louis, Mo.
Electron Chemical Co., chemical machinery mfrs., Portland, Me.
Electrose Mfg. Co., arc lamps, insulators, insulating compounds, etc., 70 Washington, Brooklyn, N. Y.
Electrova Co., pianos, 117 Cypress av, New York.
Ele-Kem Co., cyanede case hardening compounds, 1508 Clybourn av, Chicago, Ill.
Elektra Toy & Novelty Co., 400 Lafayette, New York.
Elenbrok, Caroline, masons' & bldrs.' matls., 2104 Fkd. av., Baltimore, Md.
Elevator Construction Co., freight elev., 327 Second av, Pittsburgh, Pa.
Elevator Roller Mills Co., flour, Columbus, Neb.
Elevator Signal Co., 116 West, New York.
Elevator Supplies Co., Inc., elevators supplies mfrs., Hoboken, N. J.
Eley, Frederick H., architect, Santa Ana, Cal.
Elford, Edw., contractor, 103 N. 3d, Columbus, Ohio.
Elfreth & Co., contractors, 1708 Sansom, Philadelphia, Pa.
Elgensom, Eros, bags & suit cases, 771 Mather, Chicago, Ill.
Elgin Brass Co., 21 Park row, New York.
Elgin Brass & Electrical Mfg. Co., machsts. & fndrs., Elgin, Ill.
Elgin-Butler Brick & Tile Co., Austin, Tex.
Elgin Butter Tub Co., Elgin, Ill.
Elgin Canning Co., Elgin, Ia.
Elgin Cotton Oil Co., meal, Elgin, Tex.
Elgin Gas Engine & Mach. Co., Elgin, Ill.
Elgin, Joliet & Eastern Ry. Co., 208 S. La Salle, Chicago, Ill.
Elgin Mfg. Co., machinists & founders, Elgin, Ill.
Elgin Metal Novelty Co., machinists, Elgin, Ill.
Elgin Motor Car Corp., automobile bldrs., McCormick Bldg., Chicago, Ill.
Elgin National Soap Co., Elgin, Ill.
Elgin Nat. Watch Co., 10 S. Wabash av, Chicago, Ill.
Elgin Packing Co., Elgin, Ill.
Elgin Saddlery & Harness Co., Elgin, Ill.
Elgin Silver Plate Co., hardware, casket trimmings, Elgin, Ill.
Elgin Street Sweeper Co., machy., Elgin, Ill.
Elgin Tool Works, machinists & founders, Elgin, Ill.
Elgin Tractor Corp., Piqua, Ohio.
Elgin Wheel & Engine Co., Elgin, Ill.
Elgin Wind Power & Pump Co., Elgin, Ill.
Elias, G., & Bro., basswoood, ties, poles, etc., 965 Elk, Buffalo, N. Y.
Elias, Jos., & Co., plate glass, Jackson av, Long Island City, N. Y.
Eliason, J. T. & L. E., lumber, masons' & bldrs. matls.' New Castle, Del.
Eli Bridge Co., elec. lgt. plants, Roadhouse, Ill.
Elig, Chas. J., Carriage Co., Wheeling, W. Va.
Eliot Mills, Inc., cotton & jute felt & cotton shoddy mfrs., 184 Summer, Boston, Mass.
Elite Button Co., 220 W. 19th, New York.
Elite Mfg. Co., concrete mixers, etc., Ashland, Ohio.
Elite Polish Co., New Kensington, Pa.
Elite Pottery Co., Trenton, N. J.
Elite Vacuum Cleaner Mfg. Co., Kesner Bldg., Chicago, Ill.
Elitsac Mfg. Co., lumber mfrs., Castile, N. Y.
Elizabeth City Brick Co., Elizabeth, N. C.
Elizabeth City Buggy Co., Elizabeth City, N. C.
Elizabeth City Iron Works & Supply Co., Elizabeth City, N. C.
Elizabeth Cornice Wks., Elizabeth, N. J.
Elizabeth Hardware Co., Elizabeth, N. J.
Elizabeth Iron Wks., Norfolk, Va.
Elizabeth Mach. & Iron Wks., castings, Elizabeth, N. J.
Elizabeth Mfg. Co., machinists, Elizabeth, N. J.
Elizabeth Mills, cotton thread, Hills Grove, R. I.
Elizabeth Sash, Door & Supply Co., Elizabeth, N. J.
Elizabeth Street Fndry., 5837 S. Elizabeth, Chicago, Ill.
Elizabethtown Milling Co., Elizabethtown, Ky.
Elizabethtown Smelting Co., 503 Mulberry, Newark, N. J.
Eljer Co., plumbers, Cameron, W. Va.
Elk City Flour Mills Co., Elk City, Okla.
Elk Engng. Wks., machsts. & fndrs., St. Marys, Pa.
Elk Eye Milling Co., McConnellsville, Ohio.
Elk Fire Brick Co., St. Marys, Pa.
Elk Graphite Milling Co., St. Marys, Pa.
Elk Mfg. Co., terminals, 1926 B'way, New York.
Elk Ridge Coal & Coke Co., Northfolk, W. Va.
Elk Tanning Co., machinists & founders, Ridgway, Pa.
Elk Valley Lbr. Co., Elkhart, Ind.
Elkan, H., & Co., tallow, 10 W. Austin av, Chicago, Ill.
Elkan, M. M., contractor, Macon, Ga.
Elkhart Brass Mfg. Co., machinists & founders, Elkhart, Ind.
Elkhart Bridge & Iron Co., Elkhart, Ind.
Elkhart Carriage & Motor Car Co., Elkhart, Ind.
Elkhart Fdry. & Mach. Co., Elkhart, Ind.
Elkhart Hdwe. Mfg. Co., Elkhart, Ind.
Elkhart Iron Wks., machinists, Elkhart, Ind.
Elkhart Junk Co., scrap iron, Elkhart, Ind.
Elkhart Mfg. Co., gas ignitors, Monroe, Mich.
Elkhart Musical Instrument Co., Elkhart, Ind.
Elkhart Rubber Works, plumbers' rubber goods, etc., Elkhart, Ind.
Elkhoff, John, contractor, Grand Forks, N. D.
Elkhorn Lumber Co., Elkhorn, Wis.
Elkin Buggy Co., carriages, Elkin, N. C.
Elkin Canning Co., Elkin, N. C.
Elkin Roller Mills, Elkin, N. C.
Elkin Veneer & Mfg. Co., Elkin, N. C.
Elkins Brick Co., common, Elkins, W. Va.
Elkins Fndry. & Mach. Co., Elkins, W. Va.
Elkins Milling Co., flour, Elkins, W. Va.
Elkins Pail & Lumber Co., Elkins, W. Va.
Elkins Refrigerator & Fixt. Co., Elkins, W. Va.
Elkus Co., umbrellas, 729 Mission, San Francisco, Cal.
Ella Mfg. Co., cotton sheeting, Shelby, N. C.
Ellard, W. B., masons' & bldrs.' matls., Cornelia, Ga.
Ellaville Guano Co., Ellaville, Ga.
Ellbacher, Chas., contractor, Elizabeth, N. J.
Elledge & Norman Marble Co., Columbus, Ga.
Ellenberger, Henry C., architect & contractor, Youngstown, O
Ellenberger & MacNeal, lumber, Towanda, Pa.
Ellenton Fertilizer Co., Ellenton, S. C.
Eller, Chas., machst. & fndr., Fort Scott, Kan.
Eller Mfg. Co., steel roofing, etc., Canton, Ohio.
Eller, W. J., flour mills, Hillsdale, Tenn.
Ellerbe, F. H., architect, Endicott Bldg., St. Paul, Minn.
Ellerbe, Round & Moore, architect, Eau Claire, Wis.
Ellerman & McLean, contrs., Yankton, S. Dak.
Ellers, H. P., Mfg. Co., nut tapping machs., Cleveland, Ohio.
Ellert, C. H., belt dressing, cements, mops, Evansville, Ind.
Ellery, Jos. E., wall pockets, 381 4th av, New York.
Ellery Knitting Mills, sweaters, cardigans, etc., 251 Stockton, Brooklyn, N. Y.
Ellett, Thos. H., architect, Mad. Sq. Gdn. Tower, New York.
Ellfeldt Hdwe. & Machst. Supply Co., 1219 McGee, Kansas City, Mo.
Ellicott Brick Co., Jewettville, N. Y.
Ellicott & Emmart, architects, Union Trust Bldg., Baltimore, Md.
Ellicott Machine Corp., hydraulic dredge mfrs., Bush & Severn, Baltimore, Md. *See adv index at end of book.*
Ellicottville Milling Co., lumber mfrs., Ellicottville, N. Y.
Ellin, Kitson & Co., carvers, arch'l modelers, marble interior wk., Madison av & 34th, New York.
Ellingson, E., machst., Canton, S. D.
Ellingson Lumber Co., Hawkins, Wis.
Ellington Elec. Co., storage battery charging sets, Quincy, Ill.
Ellington & Guy, lumber mfrs., 611 Times Dispatch Bldg., Richmond, Va.
Ellington Piano Co., Eden Park Entrance, Cincinnati, Ohio.
Ellingwood Turning Co., pike poles, West Paris, Me.
Elliot, F., & Co., knitted gloves, Waltham, Mass.
Elliot Woodworker Co., machinery, Congress & Brush, Detroit, Mich.
Elliott Addressing Mach. Co., 539 Market, San Francisco, Cal.
Elliott, B. K., Co., scientific instruments, 126 6th. Pittsb'h, Pa.
Elliott & Barry Eng. Co., 1426 Oline, St. Louis, Mo.
Elliott Bay Dry Dock Co., Seattle, Wash.
Elliott, Ben. C., architect, Mexico, Mo.
Elliott, Blair Steel Co., New Castle, Pa.
Elliott Bros., machsts. & fndrs., Sacramento, Cal.
Elliott Cedar River Gravel Co., sand dlrs., Seattle, Wash.
Elliott, Chas. H., Co., calendar pads, 17th & Lehigh av, Philadelphia, Pa.
Elliott Co., addressing machy., 143 Albany, Cambridge, Mass.
Elliott Co., machsts. & fndrs. & power accessories, Pittsburgh, Pa.
Elliott & Co., meat packers, Duluth, Minn.
Elliott Contracting Co., McKay Bldg., Portland, Ore.
Elliott, D. J., canned goods, Salisbury, Md.
Elliott, D. J., machst. & fndr., Monte Vista, Colo.
Elliott, E. A., ladders, Rumney, N. H.
Elliott Elec. Co., vacuum cleaners, 322 Champlain av, Cleveland, Ohio.
Elliott-Fisher Co., adding, billing & bookkeeping mach., Harrisburg, Pa.
Elliott Fndry. & Mach. Wks., 1921 S. Fairfield av, Chicago, Ill.
Elliott, Fred. W., architect, Cham. of Com. Bldg., Columbus, O.
Elliott Frog & Switch Co., 301 S. Main, E. St. Louis, Ill.
Elliott, G. Benj., foundry facings, San Francisco, Cal.
Elliott, G. W., & Co., machsts., De Smet, S. D.
Elliott & Hall, cloth folders, Worcester, Mass.
Elliott, Hayden, & Co., masons' & bldrs.' matls., La Salle, Ill.

Elliott, J. & W. A., Co., contractors, Lumber Exchange, Minneapolis, Minn.
Elliott, J. Wilkinson, landscape architect, 336 4th av, Pittsburgh, Pa:
Elliott, Jno., arch'l iron, 356 Pearl, New York.
Elliott Mach. Co., Calais, Me.
Elliott Mach. Co., Grand Rapids, Mich.
Elliott Mfg. Co., tinware mfrs., Warren, Ill.
Elliott & Reid Co., fence machs., Richmond, Ind.
Elliott, S. B., architect, Sherman, Texas.
Elliott Service Co., elec. illuminated signs, 110 W. 40th, N. Y.
Elliott, T. Albert, contractors, 625 Onondaga av, Syracuse, N. Y.
Elliott-Thompson Electric Co., armature & field coils, Ajax Bldg., Cleveland, Ohio.
Elliott Varnish Co., 1013 S. Kolmar av, Chicago, Ill.
Elliott, W. J., masons' & bldrs.' matls., Canonsburg, Pa.
Elliott, Wm. J., contractor, Coatesville, Pa.
Elliott Woodworker Co., woodworking machs., Congress & Brush, Detroit, Mich.
Ellis, A. Raymond, architect, 36 Pearl, Hartford, Conn.
Ellis, A. W., Mill, flour, Farmington, N. C.
Ellis Adding Typewriter Co., 338 Elizabeth av, Newark, N. J.
Ellis, Austin A., handles, Keene, N. H.
Ellis Bros., masons' & bldrs.' matls., Kokomo, Ind.
Ellis, C. C., architect, Lorain, Ohio.
Ellis, C. R., architect, Macon, Ga.
Ellis Canning Co., Brant, N. Y.
Ellis Carriage Works, Kingston, N. C.
Ellis, Chas. H., & Son, insecticides, Port Chester, N. Y.
Ellis, Clark & Sons, mill & facty. supplies, Milford, Mass.
Ellis & Cummings Oil Wks., Reading, Pa.
Ellis Drier Co., drying mach., 140 W. Van Buren, Chicago, Ill.
Ellis, Mrs. E. B., turpentine, Newbern, N. C.
Ellis, E. R., brick, Coatesville, Ind.
Ellis, E. W., Lumber Co., sash, door & blind, Grand Rapids, Wis.
Ellis, Edmund L., architect, 3 W. 29th, New York.
Ellis Elec. Sign Co., signs, Denver, Col.
Ellis Engine Co., 2843 E. Grand blvd, Detroit, Mich.
Ellis & Ford Mfg. Co., chain pipe vises, pipe cutter wheels, Detroit, Mich.
Ellis, Frank M., architect, 801 S. Boulevard, Oak Park, Ill.
Ellis, Geo. D., & Sons Co., machsts. & fndrs., 309 N. 3d, Philadelphia, Pa.
Ellis, H. G., architect, Hyde Bldg., Spokane, Wash.
Ellis, J. B., flour, Kittrell, N. C.
Ellis, J. Lewis, architect, Marion, Ohio.
Ellis, Jno. E., contractors, Troy, N. Y.
Ellis, John W., lbr. mfrs., Kansas City, Kans.
Ellis Keystone Agricultural Wks., Pottstown, Pa.
Ellis, L. R., contractor, Central Bldg., Seattle, Wash.
Ellis Mfg. Co., can openers, sheet metal stamping, etc., Milldale, Conn.
Ellis, R. E., Engng. Co., production mach. & tools, 621 Wash'n blvd, Chicago, Ill.
Ellis, R. S., flour mill, Steprock, Ark.
Ellis & Smith, broom & wood handles, Bleecker, N. Y.
Ellis, T. M., & Co., flour mills, Russellville, Ky.
Ellis Time Stamp Co., 229 W. Ill., Chicago, Ill.
Ellis & Wells, archit., Hyde Bldg., Spokane, Wash.
Ellis, W. H., & Son Co., dock bldrs. & contractors, 479 Meridian, Boston, Mass.
Ellis, Walter, sashes, doors & blinds, Stockport, Ohio.
Ellis, Wm. C., & Sons Iron Wks., agricultural implements, Memphis, Tenn.
Ellis, Wm. H., contractor, 344 N. 4th, Philadelphia, Pa.
Ellis, Wm. J., architect, 28 E. Federal, Youngstown, Ohio.
Ellison Brass Mfg. Co., furniture trimmings, etc., Jamestown, N. Y.
Ellison Bros., machsts., 2213 Bridge, Fkd., Philadelphia, Pa.
Ellison & Co., htg. contrs., 211 E. 126th, New York.
Ellison Construction Co., 60 Prospect, Hartford, Conn.
Ellison, Lewis M., calorimeters, 214 W. Kinzie, Chicago, Ill.
Ellison, W., & Sons Mfg. Co., machsts., St. Louis, Mo.
Elliston Lime Co., Elliston, Montana.
Ellms, H. E., & Co., sash, door & blind, 22 Washington, N. Boston, Mass.
Ells, Irving B., architect, 47 W. 34th, New York.
Ellsworth Brass Fdry. Co., Bridgeport, Conn.
Ellsworth & Filley, canned goods, Windsor, Conn.
Ellsworth Fndry. & Mach. Wks., Ellsworth, Me.
Ellsworth Hardwood Co., toys, games & nov., Ellsworth, Me.
Ellsworth, J. E., contractor, Elreno, Okla.
Ellsworth, M. D., & Co., lumber, Tavera, Wis.
Ellsworth, S. P., machsts., 430 Kent av, Brooklyn, N. Y.
Ellsworth Salt Co., Ellsworth, Kans.
Ellsworth Stone Co., Iowa Falls, Ia.
Ellsworth & Thayer Mfg. Co., auto. gloves, 338 B'way, Milwaukee, Wis.
Ellsworth Woolen Mill, blankets, Ellsworth, Me.
Ellwood City Forge Co., Ellwood City, Pa.
Ellwood City Iron & Wire Co., Ellwood City, Pa.
Ellwood City Nail Co., Pittsburgh, Pa.
Ellwood Foundry Co., Ellwood City, Pa.
Ellwood Stone Co., producers, House Bldg., Pittsburgh, Pa.
Elm City Brass & Rivet Co., Plainville, Conn.
Elm City Cornice Wks., New Haven, Conn.
Elm City Cotton Mills, La Grange, Ga.
Elm City Lbr. Co., Newbern, N. C.
Elm City Lbr. Co., New Haven, Conn.
Elm City Mfg. Co., toys, games & nov., New Haven, Conn.
Elm Grove Milling Co., flour, Elm Grove, W. Va.
Elma Shingle Co., lbr. mfrs., Elma, Wash.
Elmendorf Varnish Co., 841 Larrabee, Chicago, Ill.
Elmer, H. M., contractor, 1593 Portland av, St. Paul, Minn.
Elmer & Moody Co., sash, door & blind mfrs., Seattle, Wash.
Emery, Chas. W., vacuum cleaners, 2036 N. 13th, Phila., Pa.
ELMES, CHAS. F., ENGINEERING WORKS, INC., Hydraulic Machinery, Presses, Pumps, Accumulators, cor. Fulton & Sangamon, Chicago, Ill.
See adv index at end of book.
Elmhurst-Chicago Stone Co., Elmhurst, Ill.
Elmira Boiler & Iron Wks., Elmira, N. Y.
Elmira Casket Co., Elmira, N. Y.
Elmira Commercial Motor Car Co., Owego, N. Y.
Elmira Cotton Mills Co., Burlington, N. C.
Elmira Fdry. Co., Elmira, N. Y.
Elmira Storage & Supply Co., mill & facty. supp., Elmira, N. Y.
Elmore Fertilizer Co., Tallassee, Ala.
Elmore Ginning & Fertilizer Co., Laurinburg, N. C.
Elmore Milling Co., flour, Oneonta, N. Y.
Elmore Packing Co., Astoria, Ore.
Elmore Tool Mfg. Co., auger bits, Hartford, Conn.
Elmore Veneer Co., Conneaut, Ohio.
Elmore, Walter D., metal babbitt, Bessemer Bldg., Pittsburgh, Pa.
Elms, Jas., mill & facty. supplies, Auburn, Me.
Elmslie, George G., Esq., archit., Peoples Gas Bldg., Chicago, Ill.
Elmwood Box Co., 87 Willard av, Providence, R. I.
Elmwood Button Co., Bridgeport, Conn.
Elmwood Castings Co., Murray rd, Cincinnati, Ohio.
Elmwood Mills, shoe laces, Daboll, Providence, R. I.
Elnora Packing Co., Elnora, Ind.
El-Oso Asphalt Co., contrs., Victoria Bldg., St. Louis, Mo.
El Paso Brick Co., El Paso, Tex.
El Paso Bridge & Iron Co., El Paso, Tex.
El Paso Foundry & Machine Co., El Paso, Tex.
El Paso Grain & Milling Co., flour, El Paso, Tex.
El Paso Ice & Refrigerator Co., stone (crushed), El Paso, Tex.
El Paso Lumber Co., El Paso, Tex.
El Paso Sash & Door Co., El Paso, Tex.
El Paso Trunk Fcty., El Paso, Tex.
El Reno Foundry & Machine Co., El Reno, Okla.
El Reno Mill & Elevator Co., flour, El Reno, Okla.
Elsenhans Mach. Wks., 500 Washington, Buffalo, N. Y.
Elsesser, Michael, machsts., ft Court, Brooklyn, N. Y.
Elsey Canning Co., Elsey, Mo.
Elsinghorst, John H., cornices, 574 Mich., Buffalo, N. Y.
Elsinore Paper Co., 131 W. 24th, New York.
Elsmere Granite Co., 1752 N. Spaulding Av., Chicago, Ill.
Elsmere Hdwe. Co., who. hdwe., Lexington Pike, Erlanger, Cincinnati, Ohio.
Elsner, G. W., canned goods, Aberdeen, Md.
Elson & Brewer, oils, 20 Gold, New York.
Elson Williams Construction Co., 830 Hennepin av, Minneapolis, Minn.
Elston Tel. & Mfg. Co., Muscoda, Wis.
Elterich, Chas., Co., machsts., 177 Grand, New York.
Elux Miniature Lamp, Division of G. E. Co., 6 E. 39th, N. Y.
Elvin, Frank F., architect, 182 State, Springfield, Mass.
Elway Miller Co., heating contractors, Aberdeen, Wash.
Elwell, B. F., Glue Co., Rockport, Mass.
Elwell, C. A., seines & fish nets, Gloucester, Mass.
Elwell, H. F., Iron Wks., Springfield, Mass.
Elwell-Parker Electric Co., electric industrial & factory trucks, Cleveland, Ohio.
Elwood, C. C., architect, Elkhart, Ind.
Elwood Iron Wks. Co., machsts. & fndrs., Elwood, Ind.
Elwood Lawn Mower Mfg. Co., Elwood, Ind.
Elwood Myers Co., advtg. spec., Springfield, Ohio.
Elwood, Robt., architect, New Canaan, Conn.
Elworthy, Helwick, Co., contractors, Wimson Bldg., Cleveland, O.
Ely, C. Upham, nickel anodes, 60 Vesey, New York.
Ely, Chas. H., architect, Sharon, Mass.
Ely Construction Co., Charlotte, N. C.
Ely, E. C., Co., machsts. & fndrs., Leona, Pa.
Ely, Ethelbert, assayer, Dover, N. J.
Ely, J. H. & W. C., architects, Fireman Bldg., Newark, N. J.
Ely Lumber Co., sash, door & blind, Holyoke, Mass.
Ely, T. J., Mfg. Co., carpet beaters, handles, mop wringers, etc., Erie, Pa.
Ely & Williams Co., cans, boxes, 257 B'way, New York.
Elyria Belting & Machinery Co., second-hand mach., etc., Elyria, Ohio.
Elyria Canning Co., Elyria, Ohio.
Elyria Concrete Co., masons' & bldrs.' matls., Elyria, Ohio.
Elyria Constr. Co., Elyria, Ohio.
Elyria Enameled Products Co., chemical apparatus, stills, tanks, etc., Elyria, Ohio. *see adv. index at end of book.*
Elyria Foundry Co., Elyria, Ohio.
Elyria Hdwe. Co., Elyria, Ohio.
Elyria Iron & Steel Co., Cleveland, Ohio.
Elyria Mach. Co., lathe mfr., Elyria, Ohio.
Elzner, A. O., archit., Citizens Bank Bldg., Cincinnati, Ohio.

Emack, John D., Co., rfg. slate mfrs., Stephen Girard Bldg., Philadelphia, Pa.
Emanuel & Co., slag products, Catasauqua, Pa.
Emanuel Farm Co., lumber, Savannah, Ga.
Emanuel, N., & Co., ties, poles & posts, Brunswick, Ga.
Embalmers' Supply Co., disinfectants, Westport, Conn.
Embalming Burial Case Co., Burlington, Ia.
Embankment Co., contrs., Joliet, Ill.
Emblem Mfg. Co., machinists, Angola, N. Y.
Embossed Wall Covering Co., 880 N. 48th, Philadelphia, Pa.
Embossing Co., toys, Albany, N. Y.
Embree Co., paper doilies, Buena Vista, Va.
Embree Elevator & Millwright Co., Lynn, Mass.
Embroidery Hoop Co., Canton, Ohio.
Embry Box Co., Louisville, Ky.
Embury, Aymar 2d, architect, 132 Madison av, New York.
Embury Mfg. Co., lanterns, Warsaw, N. Y.
Embury-Martin Lumber Co., Cheboygan, Mich..
Em-Em Selling Co., portable benches, 422 E. 16th, New York.
Emenar Co., self-fluxing solder, 55 Liberty, New York.
Emergency Forge Co., Lansing, Mich.
Emerson, A. C., & Co., masons' & bldrs.' matls., Warrensburg, N. Y.
Emerson Apparatus Co., calorimeters, 251 Causeway, Boston, Mass.
Emerson-Brantingham Co., farm machy., buggies, tractors, wagons, etc., Rockford, Ill.
Emerson-Brantingham Implement Co., Rockford, Ill.
Emerson Co., engineers, 30 Church, New York.
Emerson & Co., granite, Lancaster, N. H.
Emerson Dry Kiln Co., Flatiron Bldg., New York.
Emerson, E. F., Co., sash, door & blind mfrs., Randolph, Vt.
Emerson Elec. Mfg. Co., elec. disc. fans, 2024 Washington av, St. Louis, Mo.
Emerson Engine Co., Alexandria, Va.
Emerson, F. M., Co., contractors, 82 Wisconsin av, Milwaukee, Wis.
Emerson & Germain, contrs., Pittsfield, Mass.
Emerson Mfg. Co., machinists, Lawrence, Mass.
Emerson & Norris Co., artificial bldg. stone, Boston, Mass.
Emerson Paper Co., adding mach. rolls, Sunapee, N. H.
Emerson Phonograph Co., talking machines, 3 W. 35th, New York.
Emerson Piano Co., 560 Harrison av, Boston, Mass.
Emerson Pump & Valve Co., foot valves, etc., Alexandria, Va.
Emerson, Sam'l W., Co., contractors, foot of Addison rd, Cleveland, Ohio.
Emerson, Smith & Co. (Ltd.), grinders, saws, tools, etc., Beaver Falls, Pa.
Emerson Steam Pump Co., Alexandria, Va.
Emerson & Stevens Mfg. Co., machinists & founders, Oakland, Me.
Emerson, Wm., architect, 597 5th av, New York.
EMERY CANDLE CO., Mercantile Library Bldg., Cincin., Ohio.
Emery, Chas. W., hand vacuum cleaners, 2036 N. 13th, Phila., Pa.
Emery, Geo. D., Co., lbr., 220 11th av, New York.
Emery Hardware Co., Bradford, Pa.
Emery, Hy. G., architect, Bible House, New York, & Nyack, N. Y.
Emery & Hoffer, contractors, Waterloo, Ia.
Emery, Howard B., architect, Bennett Bldg., Wilkes-Barre, Pa.
Emery, J. Paul, contractor, 4907 Wynnefield, Philadelphia, Pa.
Emery, L., Jr., oil well supplies, Bradford, Pa.
Emery Lumber & Coal Co., Williamsport, Pa.
Emery, M. L. & H. G., architect, 42 N. Pearl, Albany, N. Y.
Emery & Macpherson, architects, 121 N. Pearl, Albany, N. Y.
Emery Mfg. Co., oils, etc., Bradford, Pa.
Emery, Marshall L., architect, Bible House, New York.
Emery & Nelson, lumber, Napavine, Wash.
Emery Pneumatic Lubricator Co., air brake & pneumatic lubricators, 1932 N. B'way, St. Louis, Mo.
Emery, Thompson, Machy. & Supply Co., 235 E. 41st, New York.
Emery, V. J., machinists & founders, Quincy, Mass.
Emery, W. N., & Son, machinists & founders, Franklin, Pa.
Emery-Waterhouse Co., whol. hdwe., mill & facty. supplies, 143 Middle, Portland, Me.
Emery, Wm. S., seats, 118 E. 28th, New York.
Emig & Hatmaker, mill & facty. supplies, Geneva, N. Y.
Emigsville Quarry Co., lime mfrs., Emigsville, Pa.
Eminence Milling Co., Eminence, Ky.
Emlenton Milling Co., Ltd., flour, Emlenton, Pa.
Emlenton Refining Co., lubrg. oils., Emlenton, Pa.
Emmart Packing Co., 5425 S. State, Chicago, Ill.
Emmel, Chas. & Rose, Co. archl. modelers, 383 Albany, Boston, Mass.
Emmel Co., classic wood carvers, 81 Bristol, Boston, Mass.
Emmelman Bros. Mfg. Co., gasoline blow torches, Indianapolis, Ind.
Emmens & Abbott, architects, Stamford, Conn.
Emmerich, Chas., & Co., mattresses, 501 W. Huron, Chicago, Ill.
Emmerich, Fred'k, machinist, 365 Flushing av, Brooklyn, N. Y.
Emmers Cornice Co., 1007 B'way, Cincinnati, Ohio.
Emmert Hdwe. Co., Hagerstown, Md.
Emmert Mfg. Co., draughting appliances, Waynesboro, Pa.
Emmitt, Albert, contrs., Ossining, N. Y.
Emmons Bros., mattresses, Meridian, Miss.
Emmons, E. G., scythe rifles, West Morris, Conn.
Emmons, Hawkins Hardware Co., Huntington, W. Va.
Emmons Loom Harness Co., Lawrence, Mass.
Emory & Eisenbrey, mill & chemical engrs., Harrison Bldg., Philadelphia, Pa.
Emory & Nussear, architects, Professional Bldg., Baltimore, Md.
Emory, P. P., Mfg. Co., founders, Springfield, Mass.
Emory, Robt. J., Co., machinists, 27 Runyon, Newark, N. J.
Emory, Walter L., architects, Honolulu, Hawaii.
Empire Art Metal Co., Inc., College Point, L. I., N. Y.
Empire Automobile Co., S. W. cor. Capitol & Michigan, Indianapolis, Ind.
Empire Axle Co., axle bldrs. for motor trucks, Dunkirk, N. Y.
Empire Bending Works, rim, shafts & bows, mfrs., Lancaster, Pa.
Empire Blower & Pipe Co., Rochester, N. Y.
Empire Braid Wks., 413 W. B'way, New York.
Empire Brass Co., 329 E. 26th, New York.
Empire Brass fdy., Binghamton, N. Y.
Empire Brass Mfg. Co., Cleveland, Ohio.
Empire Brass & Metal Wks., 29 W. 34th, New York.
Empire Brass Works, 824 Fulton, Chicago, Ill.
Empire Brick & Supply Co., masons' & bldrs.' matls., 103 Park av, New York.
Empire Brush Wks., mach. brushes, 1311 N. Robey, Chicago, Ill.
Empire Buggy Co., Jackson, Ga.
Empire Button Mold Mfg. Co., 722 E. 11th, New York.
Empire Carbon Wks., 415 Locust, St. Louis, Mo.
Empire China Wks., porcelain spec., 156 Greene, Bklyn., N. Y.
Empire City-Gerard Co., sash, door & blind mfrs., 265 Greenpoint av, Brooklyn, N. Y.
Empire City Pearl Button Wks., 10th, Long Island City, N. Y.
Empire Coal & Coke Co., masons' & bldrs.' matls., Rock Island, Ill.
Empire Coarse Salt Co., Syracuse, N. Y.
Empire Coke Co., Geneva, N. Y.
Empire Co., bread boards, North Girard, Pa.
Empire Construction Co., Great Falls, Mont.
Empire Cooping Co., bird cages, Fultonville, N. Y.
Empire Cotton Oil Co., Atlanta, Ga.
Empire Cream Separator Co., machinists, Bloomfield, N. J.
Empire Cut Glass Co., Flemington, N. J.
Empire Duplex Gin Co., 346 B'way, New York.
Empire Electric & Mfg. Co., eyelets, ferrules & spec. elect'l goods, Plainville, Conn.
Empire Elec. Sign Co., 162 E. 118th, New York.
Empire Engineering Co., Inc., contrs., 6 Church, New York.
Empire Feather Duster Co., 203 Centre, New York.
Empire Foundry Co., Oakland, Cal.
Empire Foundry Co., Syracuse, N. Y.
Empire Fringe Co., 909 Faile, New York.
Empire Galvanizing Co., 2507 E. Cumberland, Philadelphia, Pa.
Empire Glass Co., Smethport, Pa.
Empire Grate Co., Chester, Pa.
Empire Guano Co., fertilizer mfrs., New Albany, Ind.
Empire Gypsum Co., wall plaster mfrs., Cutler Bldg., Rochester, N. Y.
Empire Implement Mfg. Co., grinders, Albany, N. Y.
Empire Ivory Button Wks., 826 B'way, New York.
Empire Knife Co., Winsted, Conn.
Empire Knitting Mills, sweaters, 154 Whiting, Chicago, Ill.
Empire Knitting Mills, sweaters, etc., 236 Bank, Newark, N. J.
Empire Knitting Wks., sweaters, cardigans, etc., 10 Varet, Brooklyn, N. Y.
Empire Lamp Mfg. Co., 1214 W. Madison, Chicago, Ill.
Empire Laundry Machy. Co., 352 Western av, Boston, Mass.
Empire Lighting fixture Co., 224 Centre, New York.
Empire Lime Kilns, Bellefonte, Pa.
Empire Lime & Stone Co., Milwaukee, Wis.
Empire Limestone Co., 19 Hudson, Buffalo, N. Y.
Empire Lbr. Co., 2034 Southport av, Chicago, Ill.
Empire Lumber Co., Toledo, Ohio.
Empire Mach. Co., Corning, N. Y.
Empire Mach. & Stamping Co., 59 Terrace, Buffalo, N. Y.
Empire Mach. Wks., Berry, Brooklyn, N. Y.
Empire Mach. Wks., machinists, Mount Morris, N. Y.
Empire Machinery & Supply Corp., mill & facty. supplies, 36 Commercial pl, Norfolk, Va.
Empire Mfg. Co., agricultural implements, Quincy, Ill.
Empire Mfg. Co., belting, hose, rubber goods, etc., Lockport, N. Y.
Empire Mfg. Co., hard fibre, 26th & Tatnell, Wilmington, Del.
Empire Mfg. Co., packing box mfrs., Goldsboro, N. C.
Empire Mattress Co., 2231 W. Madison, Chicago, Ill.
Empire Metal Co., Syracuse, N. Y.
Empire Mills Co., flour, Columbus, Ga.
Empire Nickel Plating Wks., Troy, N. Y.
Empire Nov. Co., badges & buttons, 3546 5th av, Chicago, Ill.
Empire Oil Works, oil refining, Oil City, Pa.
Empire Optical Co., Rochester, N. Y.
Empire Ornamental Glass Co., 437 Washington, New York.
Empire Paper Co., Ithaca, N. Y.
Empire Paper Tube & Box Co., 155 Bk., New York.
Empire Pipe Bending & Supply Co., 253 Park av, Brooklyn, N. Y.
Empire Plow Co., agricultural implement mfrs., Cleveland, Ohio.
Empire Polishing Co., S. Quincy, Quincy, Mass.
Empire Provision & Beef Co., 247 Lewis, Buffalo, N. Y.
Empire Rice Milling Co., Ltd., 1676 Tchoupitoulas, New Orleans, La.

Empire Roller Fifth Wheel Wks., Quincy, Ill.
Empire Rolling Mill Co., Bessemer & C. & P. Ry, Cleveland, O.
Empire Rubber Co., 126 W. 22d, New York.
Empire Sash & Door Co., Friendship, N. Y.
Empire Slag Co., Watervliet, N. Y.
Empire Smelting Co., Depew, N. Y.
Empire Smelting & Refining Co., El Paso, Tex.
Empire Soap Co., 203 W. B'way, New York.
Empire Spring Bed Wks., Elmira, N. Y.
Empire State Bag Co., 760 Wythe av, Brooklyn, N. Y.
Empire State Canning Co., Rome, N. Y.
Empire State Chemical Co., Athens, Ga.
Empire State Guano Co., fertilizer mfrs., Americus, Ga.
Empire State Pickling Co., canned goods, Phelps, N. Y.
Empire State Silk Label Co., 218 Tyler, West New Brighton, N. Y.
Empire Steel & Iron Co., blast furnaces, Catasauqua, Pa.
Empire Stone Co., Bloomington, Ind.
Empire Supply Co., coal & dumping cars, North Miami, Okla.
Empire Tile Co., 5120 Sweeney, Cleveland, O.
Empire Tin Ware Co., ash, garbage, paint & varnish cans, etc., 29 S. 5th, Brooklyn, N. Y.
Empire Tire & Rubber Corp., Trenton, N. J.
Empire Transformer Co., elec. bells, 2214 Sedgwick, Chicago, Ill.
Empire Varnish Co., 2638 E. 76th, Cleveland, Ohio.
Empire Wall Plaster Co., Utica, N. Y.
EMPIRE WEAVING & BELTING CORP., solid woven belting & webbings, East Rochester, N. Y.
See adv index at end of book.
Empire Wheel Wks., auto. wheel pullers, Utica, N. Y.
Empire Wood Type Co., 31 Ferry, New York.
Empire Zinc Co., Denver, Colo.
Empkie-Shugart-Hill Co., wholesale hardware, Council Bluffs, Ia.
Employees' Indemnity Co. of Philadelphia, steam boiler insurance, 331 Walnut, Philadelphia, Pa.
Employers' Liability Assurance Corp. (Ltd.), insurance, 33 Broad, Boston, Mass.
Emporia Lumber & Coal Co., masons' & bldrs.' matls., Emporia, Kan.
Emporia Machine Co., Emporia, Va.
Emporium Iron Co., blast furnaces, Emporium, Pa.
Emporium Lbr. Co., Utica, N. Y.
Emporium Machine Co., Emporium, Pa.
Emporium Milling Co., flour, Emporium, Pa.
Empson Packing Co., Longmont, Colo.
Emrath, Louis, machinist, 4236 N. Ashland av, Chicago, Ill.
Emrich, C., stove mfr., 371 S. High, Columbus, Ohio.
Emrich, Phil., tanners' tools, 824 Main, Cincinnati, Ohio.
Emrick, A. E., agricultural implements, Germantown, Ohio.
Emsley, John W., bags, burlaps, Adams & Emerald, Phila., Pa.
Emswiler, L. A., contractor, Cliftonforge, Va.
Enamel Concrete Brick Co., Des Moines, Ia.
Enamel Concrete Co., cement brick machy., Des Moines, Ia.
Enamel Products Co., Eddy rd. & Taft av, Cleveland, Ohio.
Enamel Vitrified Brick Co., 1348 Nicholas Bldg., Toledo, Ohio.
Enameled Iron Sign Co., 22 E. 27th, New York.
Enameled Metals Co., interior conduits, 61 Bridge, Pittsb'g, Pa.
Enameled Steel Sign Co., 222 N. State, Chicago, Ill.
Enameled Tank Co., Kalamazoo, Mich.
Endailey & Lewis, flour mills, Kunath, Va.
Endebrock, Wm. P., architect, American Mechanic Bldg., Trenton, N. J.
Enderes, Inc., punches, knives, chisels, etc., Albert Lea, Minn.
Enders, P., & Son, contractors, Rochester, N. Y.
Enders Sales Co., safety razor mfrs., 17 Battery pl, New York.
Endersen Spar & Timber Co., masts & spars, Hoquiam, Wash.
Endicott Forging & Mfg. Co., Endicott, N. Y.
Endicott-Johnson & Co., paper & pulp mills, Endicott, N. Y.
End-Oxy Appliance Co., welding app., 29 N. Willow, Trenton, N. J.
Endres, H. W., landscape architect, Syndicate Tr. Bldg., St. Louis, Mo.
Endres, J. A., & Son, cornices & skylights, Leavenworth, Kan.
Endress & Watkin, architects, Littlefield Bldg., Austin, Tex.
Endsley, J. W., insulator pins, Somerfield, Pa.
Endura Mfg. Co., packing mfrs., 63d & Eastwick av, Phila., Pa.
Endurance Autoil Co., metal polish, Muncie, Ind.
Endurance Tire & Rubber Co., New Brunswick, N. J.
Energine Refining & Mfg. Co., soap, 242 Arcade, Cleveland, Ohio.
Energy Elevator Co., hand elevators, 214 New, Philadelphia, Pa.
Engberg Electric & Mechanical Works, dynamo & motor, St. Joseph, Mich.
Engel Aircraft Co., Niles, O.
Engel Bros., barrels, 1153 Center, Chicago, Ill.
Engel & Kirchheiner, coppersmiths, 1611 Thames, Baltimore, Md.
Engel Lbr. Co., Grand Rapids, Mich.
Engel Mfg. Co., ball cocks, 210 Temple, Syracuse, N. Y.
Engelbach Mach. Mfg. Co., Leadville, Colo.
Engelberger, F. & W. V., Co., cornices, 159 Jeliff av, Newark, N. J.
Engelberg Huller Co., rice & coffee machinery, 831 W. Fayette, Syracuse, N. Y.
Engelhard, Chas., furnaces, chemical thermometers, etc., 30 Church, New York.
Engelhard, Frank, & Sons, copper floats, 200 Franklin, Springfield, Mass.
Engelhardt, Jno. W., Co., advtg. spec., New Orleans, La.
Engelhardt, Theobald, brewery architect, 905 B'way, Bklyn., N.Y.
Engelhart Trunk Co., Cleveland, Ohio.
Engeln & Co., coils, gas lighting sparks, 1904 Euclid, Cleveland, Ohio.
Engeln, M., & Son, machsts. & fndrs., McHenry, Ill.
Enger, Frank J., carriages, wagons, Marion & Dakota av, Avon, Cincinnati, Ohio.
Enger Motor Car Co., Cincinnati, Ohio.
Engerbretsen, John, contractor, San Diego, Cal.
Engine & Machinery Co., Canton, Ohio.
Engineer Co., mechanical draft, etc., 17 Battery pl, New York.
Engineering Agency, Monadnock Blk., Chicago, Ill.
Engineering Co., machinists, Ft. Wayne, Ind.
Engineering Co. of Phila., Harrison Bldg., Philadelphia, Pa.
Engineering Const. Co., Scranton, Pa.
Engineering Const. Co., 106 N. La Salle, Chicago, Ill.
Engineering & Contracting, trade publication, 608 S. Dearborn, Chicago, Ill. *See adv. index at end of book.*
Engng. & Fdy. Co., Stockton, Cal.
Engng. & Mining Journal, 10th av & 36th, New York.
Engineering News Record, trade publication, 10th av & 36th, New York. *See adv index at end of book.*
Engineering Products Co., annunciators, elec. bells, 40 Goldsmith av, Detroit, Mich.
Engineering & Steam Supplies Co., 1029 S. 3rd, Minneapolis, Minn.
Engineering Wks., Van Buren, Ark.
Engineers Appliance Co., steam traps, valves, etc., Cleveland, O.
England Bros., flour mills, Springfield, Tenn.
England, S. B., cornices, Altoona, Pa.
England, Walton, & Co., leather belting, butts & harness, 3d & Vine, Philadelphia, Pa.
Englander Spring Bed Co., 88 35th, Brooklyn, N. Y.
Englar, John A., fertilizer mfr., Linwood, Md.
Engle & Gohn, contractors, 50 Callahan av, Dayton, Ohio.
Englebert & Co., stone producers, Nashville, Tenn.
Englehardt, C. P., architect, 905 B'way, Brooklyn, N. Y.
Englehardt Piano Co., St. Johnsville, N. Y.
Englehart Co., Atlanta, Ga.
Engle's, Jno. S., Sons, masons' & bldrs.' matls., Hummelstown, Pa.
Englewood Art Glass Co., 6749 Emerald, Chicago, Ill.
Englewood Chandelier Wks., 628 E. 63d, Chicago, Ill.
Englewood Desk Co., 58th & Lowe av, Chicago, Ill.
Englewood Sash & Door Co., 5935 Lowe av, Chicago, Ill.
Englis, Chas. M., ship bldrs., 34 Greenpoint, av, Brooklyn, N. Y.
Englis, Geo. H., contractor, White Plains, N. Y.
English Bros., contractors, Champaign, Ill.
English, C. R., Co., mill & facty. supplies, 167 Oliver, Boston, Mass.
English Canning & Mfg. Co., English, Ind.
English, Frank G., contractor, 1608 N. Carlisle, Philadelphia, Pa.
English Iron Wks. Co., boom swinging gears, Leekes, Mo.
English, Jno. J., cornices, Kenosha, Wis.
English Mfg. Co., wood pails & buckets., Antigo, Wis.
English & Mersick Co., lamps, hdwe, mfrs., Winchester av, New Haven, Conn.
English Mica Co., Insurance Bldg., Williamsport, Pa.
English & Miller, mach. dlrs., Campbell Bldg., Detroit, Mich.
English, R. W., Lumber Co., Denver, Colo.
English Tool & Supply Co., 408 W. 5th, Kansas City, Mo.
Engman-Matthews Range Co., South Bend, Ind.
Engravers' & Printers' Machy. Co., Sag Harbor, N. Y.
Eng.-Skell Co., essential oils, etc., 208 Mission, San Francisco, Cal.
Engstrom & Samuelson, contrs., Warren, Pa.
Engstrum, F. O., Co., contractors, 500 Seaton, Los Angeles, Cal.
Enid Fdry. & Mach. Co., Enid, Okla.
Enid Mill & Elevator Co., flour, Enid, Okla.
Enid Sash & Door Co., Enid, Okla.
Enid Vitrified Brick & Tile Co., Enid, Okla.
Ennis, Geo. T., & Sons, machsts., 329 C, N. W., Washington, D. C.
Enoch Mfg. Co., boxes, lunch, Mount Sterling, Ky.
Enochs Bros., lbr., Fernwood, Miss.
Enochs Lumber Co., Jackson, Tenn.
Enochs Lumber & Mfg. Co., Jackson, Miss.
Enochs Yellow Pine Co., lumber, Jackson, Miss.
Enoree Mills, cotton sheetings, Greenville, S. C.
Enos Fire Escape Co., 522 N. Sangamon, Chicago, Ill.
Enos & Sanderson Co., whol. hdwe., 43 Carroll, Buffalo, N. Y.
Enos., W. B., & Co., ties, poles & posts, Metropolitan & Liverpool, Pittsburgh, Pa.
Enright, P. J., Co., cornices & skylights, Chicopee Falls, Mass.
Ensey & Gildea, contractors, Munsey Bldg., Baltimore, Md.
Ensey, Orvis B., cornices, Indianapolis, Ind.
Ensign, Bickford, Co., blasting fuse, caps, etc., Simsbury, Conn.
Ensign Cotton Mills, Forsyth, Ga.
Ensign, F. V., match safes, Elmira, N. Y.
Ensign Foundry Co., Toledo, Ohio.
Ensign, G. W., Inc., contractors, Harrisburg, Pa.
Ensign Mfg. Co., machsts. & fndrs., 19 brook, Fanueili, Boston, Mass.
Ensign Refining Co., lubricants, etc., 10703 Quebec av, S. E. Cleveland, O.
Ensinger Contr. Co., New Rochelle, N. Y.

Ensley, G. W., cornices & skylights, Chariton, Ia.
Enslin, Franklin, & Co., cornices, Ashland, Mass.
Enstice Bros., contractors, 45 Clinton, Newark, N. J.
Ensworth, L. L., & Son, whol. hdwe., mill & facty. supplies, 344 Front, Hartford, Conn.
Entenman, A., sash, door & blind mfr., 669 73d, Brooklyn, N. Y.
Enterprise Aluminum Co., Massillon, Ohio.
Enterprise Art Glass Wks., Enterprise Bldg., Milwaukee, Wis.
Enterprise Bed Co., Hammond, Ind.
Enterprise Brass Fdry., machsts. & fndrs., Seattle, Wash.
Enterprise Brass Foundry Co., Tacoma, Wash.
Enterprise Brass & Plating Wks., 6th & Baymiller, Cincinnati, O.
Enterprise Brass Wks., machsts. & fndrs., Muskegon, Mich.
Enterprise Brick Co., Duluth, Minn.
Enterprise Brick Co., Mountainview, N. J.
Enterprise Brick Wks. Co., 207 N. 8th, St. Louis, Mo.
Enterprise Broom Works, 321 E. Grand av, Chicago, Ill.
Enterprise Carriage Wks., Piqua, Ohio.
Enterprise Coal Co., masons' & bldrs.' matls., East Liverpool, O.
Enterprise Coal & Supply Co., masons' & bldrs.' matls., Elizabeth, N. J.
Enterprise Co., agricultural implements, mill & facty. supplies, etc., Columbiana, Ohio.
Enterprise Contracting Co., dock bldrs., Bessemer Bldg., Pittsburgh, Pa.
Enterprise Cornice Wks., 759 N. Markol, Philadelphia, Pa.
Enterprise Cotton Mills, Enterprise, Ala.
Enterprise Cotton Oil Co., Enterprise, Ala.
Enterprise Cut Glass Co., Elmira Heights, N. Y.
Enterprise Electric Co., transformers, Warren, Ohio.
Enterprise Elec Nov. Co., 137 Greene, New York.
Enterprise Elec. Supply Co., open batteries, Latrobe, Pa.
Enterprise Electric Works, 654 Mission, San Francisco, Cal.
Enterprise Fertilizer Wks., Enterprise, Ala.
Enterprise Fndry. Co., Auburn, N. Y.
Enterprise Foundry Co., gray iron castings, 1257 Warren av E., Detroit, Mich.
Enterprise Fdry. Co., Kansas City, Mo.
Enterprise Foundry Co., Nixon & Manhattan, N. S., Pitts'bg, Pa.
Enterprise Fndry. Co., Rochester, N. Y.
Enterprise Foundry Co., 65 Market, San Francisco, Cal.
Enterprise Fdry. Co., brake shoes, 2902 19th, San Francisco, Cal.
Enterprise Fdry. & Mach. Co., Hattiesburg, Miss.
Enterprise Foundry & Machine Works, Bristol, Tenn.
Enterprise Garnetting Co., absorbent cotton, Cohoes, N. Y.
Enterprise Hdwe. Mfg. Co., Frederick, Md.
Enterprise Iron & Fdry. Co., Fort Worth, Texas.
Enterprise Iron Wks., machsts. & fndrs., Indianapolis, Ind.
Enterprise Lime & Ballast Co., Hyndman, Pa.
Enterprise Lumber Co., Ltd., Alexandria, La.
Enterprise Lbr Co., 677 Melish, Cincinnati, Ohio.
Enterprise Machinery Co., 1118 S. 3rd, Minneapolis, Minn.
Enterprise Mach. & Garage Co., Franklin, Ky.
Enterprise Machine Works, Los Angeles, Cal.
Enterprise Machy. Co., Inc., punch & drill presses, 33-34 S. Clinton, Chicago, Ill.
Enterprise Mattress Co., 29 Beverly, Boston, Mass.
Enterprise Mfg Co., cotton sheeting, Augusta, Ga.
Enterprise Mfg. Co., sheet metal stampings, etc., 217 Ash, Akron, Ohio.
Enterprise Mfg. Co., grass catchers, hdwe. specialties, etc., 3d & Dauphin, Philadelphia, Pa.
Enterprise Mfg. & Cons. Co., gas ovens, 1706 Washington av, Kansas City, Mo.
Enterprise Mill Soap Wks., 2229 N. 12th, Philadelphia, Pa.
Enterprise Oil Co., 164 Chandler, Buffalo, N. Y.
Enterprise Optical Mfg. Co., 564 W. Randolph, Chicago, Ill.
Enterprise Paint Mfg. Co., 854 W. Van Buren, Chicago, Ill.
Enterprise Paving & Constr. Co., 8444 B'way, S. E., Cleveland, Ohio.
Enterprise Planing Mill Co., Hastings, Neb.
Enterprise Planing Mill Co., Hillsboro, Ohio.
Enterprise Plumbing Supply Co., 26 W. Kinsey, Chicago, Ill.
Enterprise Sand Co., Fulton Bldg., Pittsburgh, Pa.
Enterprise Soap Works, Nashville, Tenn.
Enterprise Steam & Hot Water Heating Co., 600 N. Howard, Baltimore, Md.
Enterprise Stone Co., Peoria, Ill.
Enterprise Tool Co., E. 72nd , Cleveland, Ohio.
Enterprise Tool & Metal Wks., 126 S. Clinton, Chicago, Ill.
Enterprise Wire & Iron Wks., bk. railings, 1524 N. Regester, Baltimore, Md.
Entin & Rubin, contractors, 1357 N. Rockwell, Chicago, Ill.
Entlich, Henry M., architect, 432 S. 5th, Brooklyn, N. Y.
Entrekin, J. H., masons' & bldrs.' matls., Greenfield, Ill.
Entress Brick Co., common, Bedford av & Duff Hill, Pittsb'h, Pa
Entwistle, T. C., Co., machsts., Lowell, Mass.
Enville Mill & Gin Co., flour, Enville, Tenn.
Enz Iron Fdry. Co., Denver, Colo.
Enzler, Jos. A., trunk mfrs., Dubuque, Iowa.
Epeneter, G. F., Cornice Wks., Omaha, Neb.
Ephraim Sanitary Canning Co., Ephraim, Utah.
Ephrata Fdry & Mach. Wks., Ephrata, Pa.
Ephrata Stove Works, Ephrata, Pa.
Epling, Emery, architect, Lewiston, Idaho.
Eppelsheimer & Co., bakers' molds, 34 Hubert, New York.
Epperson, W. S., architect, Canton, Ohio.
Epping-Carpenter Pump Co., deep well, ft. 43d, Pittsburgh, Pa.
Epping Handle Co., Epping, N. H.
Eppinger & Russell Co., lbr., etc., 165 B'way, New York.
Eppler's, Jno., Mach. Wks., 629 Filbert, Philadelphia, Pa.
Epps, Orlo, architect, Oneonta, N. Y.
Epstein, Sam'l (Inc.), auto tops, 109 8th av, New York.
Epstein & Vollweller, packing box mfrs., 814 E. 5th, New York.
Equipment Co., machy. dlrs., mill & facty. supplies, etc., 1522 Grand av, Kansas City, Mo.
Equipment Mfg. Co., factory trunks, Leader-News Bldg., Cleveland, Ohio.
Equipoise Rivet Co., header products, light metal stamping, Waterbury, Conn.
Equitable Asphalt Maintenance Co., mixers, 1901 Campbell, Kansas City, Mo.
Equitable Brick Mfg. Co., Perry Bldg., Philadelphia, Pa.
Equitable Meter Co., machsts. & fndrs., 424 1st av, Pittsburgh, Pa.
Equitable Powder Mfg. Co., East Alton, Ill.
Equitable Window Glass Co., window glass mfgrs., Buckannon, W. Va.
Equitherm Control Corp., thermostats, 30 Church, New York.
Equitherm Temperature Control Corp., 203 Greenwich, New York,
Equity Equipment Co., contrs., 1434 Main, Cincinnati, O.
Erb, C. F., machsts. & brass fndrs., Youngstown, O.
Erb Hdwe. Co., Ltd., Lewiston, Idaho.
Erb, Isaac, architect, Port Huron, Mich.
Erb, W. B., & Co., machsts., 405 S. Clinton, Chicago, Ill.
Erbeck, F. J., contractor, Homestead, Pa.
Erbelding, E. J., Co., heating contractors, Augusta, Ga.
Erbestos Brake Lining Co., 242 N. 17th, Philadelphia, Pa.
Erby, Wm., & Sons Co., carriages, 121 W. Grand av, Chicago, Ill.
Erd Motor Co., machsts., Saginaw, Mich.
Erda, Gustave, architect, 826 Manhattan av, Brooklyn, N. Y.
Erdle Perforating Co., perforated metals, 181 York, Rochester, N. Y. *See adv index at end of book.*
Erdman, Geo. F., lumber, Williamsport, Pa.
Erdman-Guider Co., auto. wood bodies, 2290 Woodward av, Detroit, Mich.
Erhart, Chris., grey iron castings, 1237 W. 6th, Cincinnati, O.
Erhart, Fred, architect, Norton Bldg., Louisville, Ky.
Erich, G. F., Co., masons' & bldrs.' matls., Allentown, Pa.
Ericka Mfg. Co., metal polish & hand soap, Springfield, Mass.
Ericksen, A. G., contractor, 404 N. Prior av, St. Paul, Minn.
Ericksen, F., Co., stone producers, Stone City, Ia.
Erickson, Andrew L., machsts., Ladd, Ill.
Erickson, Aug., & Co., granite, St. Cloud, Minn.
Erickson & Bissell, lumber, Escanaba, Mich.
Erickson, C. E., & Co., advtg. specialties, Des Moines, Ia.
Erickson Engng. Co., Inc., shipbldrs., Seattle, Wash.
Erickson, G., & Bro., lumber, Fall River, Mass.
Erickson, Henry E., archt., Am. Nat. Bk. Bldg., St. Paul, Minn.
Erickson, Herbert, architect, Gary, Ind.
Erickson, J. M., boxes—rural mail, Slater, Ia.
Erickson, John E., machst., Fillmore av & Walter, St. Paul Minn.
Erickson, L., Elec. Co., reflectors, 6 Portland, Boston, Mass.
Erickson, Louis, & Son, contractors, Ishpeming, Mich.
Erickson & Petterson, contractors, railroad, Monadnock Bldg., San Francisco, Cal.
Erickson Soap Co., Hartford, Conn.
Ericsson, Henry, Co., contractors, 139 N. Clark, Chicago, Ill.
Ericsson Mfg. Co., magnets, Buffalo, N. Y.
Ericsson Screw Mach. Products Co., Inc., 609 Bergen, Brooklyn, N. Y.
Erie Art Metal Co., Erie, Pa.
Erie Basin Dry Dock, ft. of Beard & Lond Dock, B'klyn, N. Y.
Erie Blue Stone Association, 341 5th av, New York.
Erie-Buffalo Tube Co., seamless tubes, Erie, Pa.
Erie Bldg. Co., Erie Co. Bk. Bldg., Buffalo, N. Y.
Erie Burial Case Co., coffins, caskets, etc., Erie, Pa.
Erie Button Wks., Erie, Pa.
ERIE CAR WORKS, mfrs. industrial cars, 1150 West 17th, Erie, Pa.
Erie City Iron Works, steam boiler, engines & tanks, Erie, Pa.
Erie City Mfg. Co., carpet beaters, handles, mops, etc., Erie, Pa.
Erie Clutch & Mach. Co., flanged pulleys, Cuyahoga Falls, Ohio.
Erie Clutch & Pulley Co., hoisting machinery, Erie, Pa.
Erie Constr. Co., Marine Natl. Bk. Bldg., Buffalo, N. Y.
Erie Contr. Co., D. S. Morgan Bldg., Buffalo, N. Y.
Erie Elec. Blue Print Co., Erie, Pa.
Erie Engine Works, engine & boiler builders, Erie, Pa.
Erie Forge Co., forgings in carbon & alloy steels, Erie, Pa.
Erie Foundry Co., drop hammers, 12th & Cranberry, Erie, Pa.
Erie Fndry. Co., Rochester, N. Y.
Erie Gas Mantle Mfg. Co., Erie, Pa.
Erie Hard Wall Plaster Co., Erie, Pa.
Erie Hardware Co., Erie, Pa.
Erie Iron & Metal Co., Erie, Pa.
Erie Iron & Steel Co., iron & steel scrap, Erie, Pa.
Erie Lay Boy Co., paper stackers, Erie, Pa.
Erie Machine Shops, road rollers, Erie, Pa.
Erie Malleable Iron Co., automobile castings, Erie, Pa.
Erie Metal Products Co., stampings, etc., Erie, Pa.
Erie Mfg. & Supply Co., mill & factory supplies, 1215 Peach, Erie, Pa.

Erie Mop & Wringer Co., Erie, Pa.
Erie Motor Truck Co., Erie, Pa.
Erie Oil Co., lubrg., Erie, Pa.
Erie Pail Facty., Erie, Pa.
Erie Pump & Engine Works, Inc., 141 Glenwood av, Medina, N. Y. *See adv index at end of book.*
Erie Reduction Co., fertilizer mfrs., Erie, Pa.
Erie Sand & Gravel Co., Erie, Pa.
Erie Steel Construction Co., elec. traveling & hand power cranes, Erie, Pa.
Erie Stone Co., Toledo, Ohio.
Erie Toe Calk Mach. Co., Erie, Pa.
Erie Tool Wks., machsts., Erie, Pa.
Erie Trailer Mfg. Co., auto. truck trailers, Erie, Pa.
Erie White Metal Co., fndrs., Erie, Pa.
Erie Window Glass Co., Erie, Pa.
Erieg, Wm. J., paint mfrs., Williamsport, Pa.
Eriez Stove & Mfg. Co, Erie, Pa.
Erikson, L., Elec. Co., lamp adapters, 6 Portland, Boston, Mass.
Erixson, Fred. A., contractor, Salem, Ore.
Erk Bros., cornices, Honesdale, Pa.
Erkenbrach, Geo. A., Co., soluble cotton, ammonia, acetone, etc., chem., 115 Maiden la, New York.
Erker, Adam M., cornices, 432 W. 37th, New York.
Erker, Walter S., Esq., architect, Henne Bldg., Los Angeles, Cal.
Erkins Studios, sun dials, 227 Lexington av, New York.
Erlandsen, Julius, machinist, 172 Centre, New York.
Erlbacher, B., machinist, Cape Girardeau, Mo.
Erler, Richard W., architect, 45 Clinton, Newark, N. J.
Ermeling, Ralph W., architect, 189 W. Madison, Chicago, Ill.
Ermold, Edw., Co., labeling machs., 656 Hudson, New York.
Ermold, Geo. Co., surgical instruments, 362 2d av, New York.
Ernecke & Salmstein Co., paints, enamels, etc., 1509 N. Halsted, Chicago, Ill.
Erner Electric Co., knife switches, St. Clair av & E. 2d, Cleveland, Ohio.
Ernsdorff, John, Iron Co., Dubuque, Ia.
Ernst, B., Bros., meat packers, 2920 N. 6th, Philadelphia, Pa.
Ernst, C. K., ash can conveyors, etc., Buffalo, N. Y.
Ernst, Chas., architect, Tiffin, Ohio.
Ernst, Chas. K., ash hoists, conveyors, etc., 1001 E. Ferry, Buffalo, N. Y.
Ernst, Frank, lumber mfrs., Bleecker, N. Y.
Ernst, Gustave, arch'l iron, 505 E. 165th, New York.
Ernst Hardware & Plumbing Co., cornices & skylights, Seattle, Wash.
Ernst, Louis, & Sons, whol. hdwe., mill & facty. supplies, etc., 43 South av, Rochester, N. Y.
Ernst's, Chas. F., Sons, iron fndrs. & machsts., Buffalo, N. Y.
Erny, Hy., ice cream machs., etc., 75 Fulton, New York.
Erogh, Fred., architect, Farmers Ln. & Tr. Bldg., Sioux City, Ia.
Errington, F. A., machinist, 39 Cortlandt, New York.
Erskine, Alex., woolen blankets, 4th & Somerset, Phila., Pa.
Erskine, Harold Perry, architect, 108 W. 54th, New York.
Erskine, Jas. Lowe, Co., brushes, 462 Greenwich, New York.
Ertel, Geo., Co., agricultural implements, Quincy, Ill.
Ertz, C. W., architect, Pittock Blk., Portland, Ore.
Ervien, Chas. W., & Co., steel plate wk., stacks, tanks, etc., Venango & G, Philadelphia, Pa.
Ervin Bros. Co., wholesale hardware, Jackson, Ohio.
Ervin, D. S., Co., lime, Cedarville, Ohio.
Ervin Mfg. Co., mattresses, El Paso, Tex.
Erving Paper Mills, Erving, Mass.
Erwin, Arch. B., stone producers, Port Kennedy, Pa.
Erwin & Co., machinists, 3736 Cottage Grv. av, Chicago, Ill.
Erwin Cotton Mills Co., West Durham, N. C.
Erwin, Hy., & Sons, mortar color mfrs., Bethlehem, Pa.
Erwin, J. M., flour, Byers, Tex.
Erwin Mfg. Co., fire extinguishers, mfrs., Montgomery Bldg., Milwaukee, Wis.
Erwin Motor & Machine Co., 31st & Dauphin, Phila., Pa.
Esbjornsson, John, masons' & bldrs.' matls., Litchfield, Minn.
Escambia Land & Mfg. Co., lumber, Pace, Fla.
Escanaba Hardware Co., Escanaba, Mich.
Escanaba Mfg. Co., paper & wood plates & handles, etc., St. Louis, Mo.
Escanaba Pulp & Paper So., Escanaba, Mich.
Esche-Nelson Milling Co., wheat flour, Manawa, Wis.
Eschmann, B. & J., marble wk., 412 E. 37th, New York.
Eschweller, Alex., Co., architect, Goldsmith Bldg., Milwaukee, Wis.
Esenwein & Johnson, architects, 775 Ellicott sq., Buffalo, N. Y.
Esenwine, Geo. W., founders, Salona, Pa.
Eshelman, David, & Son, contractors, Anderson, Ind.
Eshelman, Jas. C., contractor, 35 N. Dearborn, Chicago, Ill.
Eshelman, U. H., contractor, Franklin, Pa.
Eskrigge, Frank T., architect, 17 Milk, Boston, Mass.
Esleeck Mfg. Co., paper & pulp mills, Turners Falls, Mass.
Esler, Samuel M., switches, 59 E. Adams, Chicago, Ill.
Eslien Sheet Metal Wks., 1001 30th, Milwaukee, Wis.
Esmeralda Canning Co., Circleville, Ohio.
Esmond Mills, blankets, carriage robes, Esmond, R. I.
Espedahl, Jacob, architect, Daytona, Fla.
Espen-Lucas Machine Works, machinery mfrs., 21 Girard, Philadelphia, Pa.
Ess Bros., machinists, Chaska, Minn.
Essanay Film Mfg. Co., 1333 Argyle, Chicago, Ill.
Essebagger, C. M., architect, Empire Theatre Bldg., Grand Rapids, Mich.
Essena, Chas., contractor, Somerville, Boston, Mass.
Essenwanger, Chas., & Son., cornices, 280 E. 148th, New York.
Esser, Herman J., architect, Camp Bldg., Milwaukee, Wis.
Esser, John F., storage batteries, 1206 2d av, New York.
Esser & Schmidt, cornices & skylights, Hartford, Wis.
Essex Brass Fndry. Co., Cambridge, Mass.
Essex Construction Co., 87 Academy, Newark, N. J.
Essex Cornice Wks., 107 Houston, Newark, N. J.
Essex Engine Co., Lynn, Mass.
Essex Fndry., Murray, Newark, N. J.
Essex, G. B., Brass Co., dial cocks, lubricators, pumps, etc., Detroit, Mich.
Essex Gelatine Co., 40 N. Market, Boston, Mass.
Essex Glass Co., Mount Vernon, Ohio.
Essex Horse Nail Co. (Ltd.), Essex, N. Y.
Essex Mach. Co., Lynn, Mass.
Essex Packing Co., Tappahannock, Va.
Essex Pad & Paper Co., Holyoke, Mass.
Essex, Robt., Incubator Co., Buffalo, N. Y.
Essex Rubber Co., Trenton, N. J.
Essex Supply Co., mill & facty. supplies, 54 Polk, Newark, N. J.
Essex Tool Works, Newark, N. J.
Essex Varnish Co., 84 Vesey, Newark, N. J.
Essex Wood Heel Co., Haverhill, Mass.
Essig & Myers, brick, N. 2d n. Butler, Philadelphia, Pa.
Essig, W. W., & Co., landscape archs., Farwell Bldg., Detroit, Mich.
Essley, E. L., Machy. Co., 555 Washington blvd., Chicago, Ill.
Essmueller Mill Furnishing Co., 1222 S. 8th, St. Louis, Mo.
Esson Sand & Gravel Co., 111 W. Washington, Chicago, Ill.
Estabrook, Frank E., architect, Newburgh, N. Y.
Estabrook, Geo. R., cornices, Springfield, Mass.
Estabrook's, R., Sons, plumbers' supplies—jobbers, 202 1st, Boston, Mass. *See adv index at end of book*
Estate Stove Co., elec. cooking app., Hamilton, Ohio.
Este, Chas., Co., lumber, 3d & Allegheny, Philadelphia, Pa.
Estep, Chas. A., & Son, masons' & bldrs.' matls., Portland, Mich.
Estep, Harry S., architect, Empire Bldg., Pittsburgh, Pa.
Estep, Miles E., landscape arch., Paulsen Bldg., Spokane, Wash.
Ester, W. E., htg. contrs., Auburn, Wash.
Esterbrook Steel Pen Mfg. Co., machinists, Camden, N. J.
Estergreen, F. E., machinist, Hastings, Minn.
Esterline Co., watermeters, tachometers, recorders, etc., Indianapolis, Ind.
Estes, E. B., & Sons, wood turnings, wooden ware & novelties, etc., mfrs., 364 5th av, New York.
See adv index at end of book.
Estes, L. V., efficiency engineers, 332 S. Mich. av, Chicago, Ill.
Estes Mills, cordage, twine & waste mfrs., Fall River, Mass.
Estey Bros. Co., archl. iron, 270 Union av, Brooklyn, N. Y.
Estey Organ Co., pianos, Brattleboro, Vt.
Estey Piano Co., So. Blvd. & Lincoln av, New York.
Estey Wire Wks. Co., wire goods mfrs., 34 Cliff, New York.
See adv index at end of book.
Estle & O'Brien Boiler Co., Portland, Me.
Esty Sprinkler Co., machsts. & fndrs., Laconia, N. H.
Esty, Wm., machst. & fndr., Laconia, N. H.
Etching Co. of Am., advtg. spec., 2526 W. Congress, Chicago, Ill.
Etheridge, J. E., Lumber Co., Norfolk, Va.
Etherton, E. E., Co., contractors, Monadnock Bldg., San Francisco, Cal.
Etiwan Fertz. Co., Charleston, S. C.
Etna Co., machinists & founders, Taunton, Mass.
Etna Forge & Bolt Co., House Bldg., Pittsburgh, Pa.
Etna Foundry Co., Etna, Pa.
Etna Machine Co., machsts. & fndrs., metal cutting-off machines, Maplewood av., Toledo, Ohio.
Etnyre, E. D., & Co., street sprinkling carts & wagons, Oregon, Ill.
Etsweiler, Wm., mill & facty. supplies, 230 N. 3d, Phila., Pa.
Etter Bros., brick, Dupont, Ohio.
Etting, A. E., flour, David City, Neb.
Ettinger, J. M., heaters, 70 W. Lake, Chicago, Ill.
Ettler, Jno. A., architect, 604 Mission, San Francisco, Cal.
Ettlinger, Louis, & Sons, jewelry cases, 65 Nassau, New York.
Ettlinger Sign Co., advtg., 638 Federal, Chicago, Ill.
Ettman, H. L., Sponge Co., 1112 Pine, St. Louis, Mo.
Etzel, M., & Sons, Inc., wood auto. bodies, 101 Fairmont av, New Haven, Conn.
Eubank Canning Co., Eubank, Ky.
Eubank Elec. Transmission Co., autos, Portland, Ore.
Eubank Machy. Co., Dallas, Tex.
Eubank Tankard Co., canned goods, Kilmarnock, Va.
Euclid Av. Electric Fixture Co., 5213 Euclid av, Cleveland, O.
Euclid Av. Lumber Co., 11710 Euclid av, Cleveland, Ohio.
Euclid Crane & Hoist Co., Euclid, Ohio.
Euclid Furnace & Cornice Wks., 796 N. Euclid, St. Louis, Mo.
Euclid Mach. & Engng. Co., spec. machy., 40 Noble rd, Cleveland, O.
Euclid Mfg. Co., acid storage tanks, Paden City, W. Va.
Euclid Stone & Brick Co., Cleveland, Ohio.
Euell, Geo. Raymond, architect, 125 Sherman av, New York.
Eugene Fruit Growers' Assn., canned goods, Eugene, Ore.

Eugene Woolen Mill Co., carriage robes, Eugene, Ore.
Euneka Blotter Bath Co., humidifying apparatus, 6221 Wentworth av, Chicago, Ill.
Eureka Art Glass Co., 2915 Lincoln, Chicago, Ill.
Eureka Automatic Elec. Signal Co., Tamaqua, Pa.
Eureka Bending & Wheel Works, wood bending, York, Pa.
Eureka Blotter Bath Co., 6221 Wentworth av, Chicago, Ill.
Eureka Boiler Works Co., 166 Fremont, San Francisco, Cal.
Eureka Brass Co., 601 Red Bud av, St. Louis, Mo.
Eureka Brass Wks., machsts. & fndrs., 1040 Hulbert av, Cincinnati, Ohio.
Eureka Brick Co., Norfolk, Va.
Eureka Button Co., 684 B'way, New York.
Eureka Calcium Wks., chloride of calcium, Pomeroy, Ohio.
Eureka Canning Co., Bishopville, Md.
Eureka Cedar Lumber & Shingle Co., Hoquiam, Wash.
Eureka Chemical Co., paint mfrs., 970 Grand av, B'klyn, N. Y.
Eureka Co., armatures, machsts. & fndrs., North East, Pa.
Eureka Co., carriages, Rock Falls, Ill.
Eureka Cotton Mills, cotton twine, Englewood, Tenn.
Eureka Cotton Mills, sheetings, Lancaster, S. C.
Eureka Digger Co., machsts., 227 W. Huron, Chicago, Ill.
Eureka Fence Mfg. Co., Richmond, Ind.
Eureka Fire Brick Wks., Mount Braddock, Pa.
Eureka Fire Hose Mg. Co., 27 Barclay, New York.
Eureka Flint & Spar Co., silicia mfrs., Trenton, N. J.
Eureka Fluid Wks., chemicals, 1209 Valencia, San Francisco, Cal.
Eureka Foundry Co., Chattanooga, Tenn.
Eureka Granite Co., Hardwick, Vt.
Eureka Htg. & Ventg. Co., Saginaw, Mich.
Eureka Instrument & Appliance Co., 419 Granite Bld., Rochester, N. Y.
Eureka Iron & Wire Works, 374 11th, San Francisco, Cal.
Eureka Lamp Co., 424 Columbia, Weehawken, N. J.
Eureka Machine Co., machsts. & fndrs., Lansing, Mich.
Eureka Machine Co., machy., Cleveland, Ohio.
Eureka Mfg. Co., oilers, Council Bluffs, Ia.
Eureka Mills Co., 711 S. Theresa av, St. Louis, Mo.
Eureka Mower Co., agricultural implement mfrs., 16 Hickory, Utica, N. Y.
Eureka Nut Lock Co., 3201 Smallman, Pittsburgh, Pa.
Eureka Packing Co., sheet packing, 78 Murray, New York.
Eureka Paper Co., 265 W. B'way, New York, & Fulton, N. Y.
Eureka Planing Mill & Lumber Co., sash, door & blind, Fostoria, Ohio.
Eureka Paving Co., contrs., Houston, Tex.
Eureka Pneumatic Spray Co., 62 9th av, New York.
Eureka Rubbing Stone Co., 157 W. Austin, Chicago, Ill.
Eureka Sash, Door & Moulding Mills, 1715 Mission, San Francisco, Cal.
Eureka Silk Mfg. Co., silk thread, Putnam, Conn.
Eureka Slate Mfg. Co. (Ltd.), roofing slate mfrs., Slatington, Pa.
Eureka Slate Quarries, Fair Haven, Vt.
Eureka Smokeless Furnace Co., fuel economizers, 1215 Chamber of Commerce Bldg., Chicago, Ill.
Eureka Spec. Printing Co., gummed labels, cor. Elec. & Dixon av, Scranton, Pa.
Eureka Spring Co., 150 Bleecker, New York.
Eureka Supply Co., archl. iron, Chattanooga, Tenn.
Eureka Supply Co., terminal blocks, nails, elec. cable hangers & battery holders, Sewell, N. J.
Eureka Tackle Block Co., 413 E. Pearl, Cincinnati, Ohio.
Eureka Vacuum Cleaner Co., D. Whitney Bldg., Detroit, Mich.
Eureka Vibrator Co., 131 W. 42d, New York.
Eureka Water Heater Co., 37 W. Lake, Chicago, Ill.
Eureka White Marble Quarries, Talladega, Ala.
Eurich, Frank, Jr., architect, 173 Main, Hackensack, N. J.
European Color & Chemical Co., Hoboken, N. J.
European Knitting Mills, sweaters, cardigans, etc., 80 Manhattan av, Brooklyn, N. Y.
Eustis, J. P., Mfg. Co., bathroom accessories mfrs., Cambridge, Mass.
Eutsler Bros., contractors, Grottoes, Va.
Euston Process Co., white & red lead mfrs., Scranton, Pa.
Euston White Lead Co., Wabash tracks, St. Louis, Mo.
Evangeline Iron Works, Evangeline, La.
Evans, A. E., contractor, 5 McIntyre av, Pittsburgh, Pa.
Evans, A. J., Canning Co., Fort Valley, Ga.
Evans, Allen, architect, Farmers' Bank Bldg., Philadelphia, Pa.
Evans, Andrew J., corn brooms, Terre Haute, Ind.
Evans, B. A., agricultural implements, Hammond, N. Y.
Evans, B., & Bro., masons' & bldrs.' matls., Norristown, Pa.
Evans & Black, architects, Flint, Mich.
Evans Bros. & Co., Wilkes-Barre, Pa.
Evans Bros., contractors, Lafayette, Ind.
Evans Bros. Const. Co., 2312 6th av S. F., Birmingham, Ala.
Evans, Burd P., & Co., contractors, 13th & Wallace, Phila., Pa.
Evans, C. H., & Co., crank & fly wheel steam pump mfrs., 179 Fremont, San Francisco, Cal.
Evans, C. P., architect, Felt Bldg., Salt Lake City, Utah.
Evans & Calloway, lbr., Fowler, Ind.
Evans, Chas., Jr., cardigans, sweaters, etc., Needham Heights, Mass.
Evans, Chas. P., sash, door & blind mrs., Rochester, N. Y.
Evans, Chas. S., architect, Hall Bldg., Kansas City, Mo.
Evans, Clark W., architect, Coal Exchange Bldg., Wilkes-Barre, Pa.
Evans Clay Mfg. Co., Uhrichsville, Ohio.
Evans & Co., wool wadding, Lockport, N. Y.
Evans & Convery, rubber & steel stamps, stencils, etc., 24 N. 6th, Philadelphia, Pa.
Evans & Coppins Co., machsts., Princeton, Ill.
Evans, Dan'l, Const. Co., Odd Fellows Bldg., St. Louis, Mo.
Evans Devices Corp., addressing machs., 745 Main, Buffalo, N. Y.
Evans & Eichner, oven bldrs., 29 W. Lake, Chicago, Ill.
Evans, Evan, contractor, 1226 Ida, Cincinnati, O.
Evans, F. H., Est. of, expansion bolts, heaters, etc., 31 Hewes, Brooklyn, N. Y.
Evans Friction Cone Co., pulleys, variable speed transmission, etc., Newton Centre, Mass.
Evans, G. H., Lumber Co., Chattanooga, Tenn.
Evans, G. W., canned goods, Aberdeen, Md.
Evans, H. C., & Co., toys, games & nov., 1522 W. Adams, Chicago, Ill.
Evans & Howard Fire Brick Co., 920 Market, St. Louis, Mo.
Evans, H. R., & So., contrs., 10 Mathewson, Providence, R. I.
Evans, I H., turpentine, Halcyon Dale, Ga.
Evans, John A., Co., ventg. app. for power plants, etc., Richmond, Ind.
Evans, John E., pump valves, Nutley, N. J.
Evans, Jno., & Co., archl. modelers & sculptors, 77 Huntington av, Boston, Mass.
Evans, John, Sons, machsts., 506 N. 13th, Philadelphia, Pa.
Evans, John, Stone & Lime Co., Marion, Ohio.
Evans, Jos. T., masons' & bldrs.' matls., Riverton, N. J.
Evans, L. N., & Co., pckg. box mfrs., Bennington, Vt.
Evans-Lee Co., masons' & bldrs.' matls., Eau Claire, Wis.
Evans & Liddle, corn brooms, Lockport, N. Y.
Evans Linseed Oil Co., Indianapolis, Ind.
Evans Mfg. Co. (Ltd.), machsts. & fndrs., Butler, Pa.
Evans Marble Co., marble producers, Baltimore, Md.
Evans Marble Co., 133 N. Clark, Chicago, Ill.
Evans, Melvern R., architect, 10½ E. Orange, Lancaster, Pa.
Evans Milling Co., cereal foods, Indianapolis, Ind.
Evans Mill Supply Co., 212 Summer, Boston, Mass.
Evans Mold & Fndry. Co., Uniontown, Pa.
Evans Oil Wks., 637 Elsinore, Cincinnati, Ohio.
Evans, Oscar E., & Co., architects, 2569 Mission, San Fran., Cal.
Evans Products Corpn., duplicators, 46 Murray, New York.
Evans, R. H., & Co., contractors, Columbus Savings & Trust Bldg., Columbus, Ohio.
Evans, S. T., contractor, Mount Vernon, N. Y.
Evans, S. W., & Son, machsts. & fndrs., 4623 Paul, Phila., Pa.
Evans & Son, masons' & bldrs.' matls., Thomasville, Ga.
Evans Stamping & Plating Co., marine gears & tapping machines, Taunton, Mass.
Evans, T. L., Sons, stone producers, Danville, Pa.
Evans, Thos. E., brick, Reynoldsville, Pa.
Evans, W. L., vanishing door hinges, wardrobes & telephone booths, Washington, Ind.
Evans, W. P., granite prod., Lithonia, Ga.
Evans, W. S., & Son, lumber, Elba, La.
Evans & Warner, architects, Witherspoon Bldg., Phila., Pa.
Evans, Wylie H., architect, 612 Ohio, Terre Haute, Ind.
Evanston Bldg. Matl. Co., masons.' & bldrs.' matls., & contractors, Evanston, Ill.
Evansville Brass Wks., Evansville, Ind.
Evansville Brick & Tile Co., Evansville, Ind.
Evansville Broom Co., Evansville, Ind.
Evansville Canning Co., Evansville, Wis.
Evansville Coffin Co., Evansville, Ind.
Evansville Desk Co., Evansville, Ind.
Evansville Lthr. & Belting Co., Evansville, Ind.
Evansville Mattress & Couch Co., Evansville, Ind.
Evansville Metal Bed Co., Evansville, Ind.
Evansville Mirror & Beveling Co., Evansville, Ind.
Evansville Oil Co., lubrg., Evansville, Ind.
Evansville Packing Co., meat packers, Evansville, Ind.
Evansville Paint & Varnish Co., plate glass, Evansville, Ind.
Evansville Planing Mill Co., Evansville, Ind.
Evansville Sand & Gravel Co., Evansville, Ind.
Evansville Sash & Door Co., Evansville, Ind.
Evansville Stove Wks., Evansville, Ind.
Evansville Supply Co., machsts' tools & steam fitters' supplies, Evansville, Ind.
Evansville Surprise Bed Spring Co., Evansville, Ind.
Evansville Tool Wks., machsts. & fndrs., Evansville, Ind.
Evansville Trunk Co., Evansville, Ind.
Evansville Veneer Co., Evansville, Ind.
Evarts Machine Co., piston rings, Hartford, Conn.
Evatt Constr. Co., 161 Devonshire, Boston, Mass.
Eveland Elec. Riveter Co., Drexel Bldg., Phila., Pa.
Eveland, G. H., canned goods, Miamiville, Ohio.
Evenlid, B., architect, Ramge Bldg., Omaha, Neb.
Evens & Howard Fire Brick Co., 920 Market, St. Louis, Mo.
Evenson-Utterberg, contrs., Plymouth Bldg., Minneapolis, Minn.
Evensta, E. G., & Co., contrs., N. W. Bldg., Minneapolis, Minn.
Ever Ready Mfg. Co., fire extinguishers, 44 Pearl, Buffalo, N. Y.
Ever Tight Piston Ring Co., 1424 Chestnut, St. Louis, Mo.
Everal, F. H., & Co., tile, Westerville, Ohio.

Eveready Mfg. Co., of Boston, paper clip & fastener machine mfrs., Little Bldg., Boston, Mass.
Evered Fndry. & Mach. Wks., Superior, Wis.
Everest, W. S., carriages, Easthampton, N. Y.
Everett, A. F. N., architect, Walton Bldg., Atlanta, Ga.
Everett, Arthur G., archt., 266 Chestnut Hill av, Boston, Mass.
Everett, A., & Son, letters & figures, Auburn, N. Y.
Everett & Barron Co., shoe blacking & marking inks, 217 Canal, Providence, R. I.
Everett Brick Co., common, Everett, Wash.
Everett Bros., fertilizer mfrs., Rockingham, N. C.
Everett Constr., Co., Everett, Wash.
Everett Distilling Co., Everett, Mass.
Everett Flour Mill Co., Everett, Wash.
Everett, J. A., hand seed sowers, Indianapolis, Ind.
Everett, J. F., architect, Boston Blk., Seattle, Wash.
Everett, J. Guy, Co., cornices, 1119 W. Market, Louisville, Ky.
Everett Mfg. Co., wagon dump boxes, Newark, N. Y.
Everett Marine Ways, Inc., dry docks, Everett, Wash.
Everett Mills, denims, 120 Franklin, Boston, Mass.
Everett, Oliver, architect, 1940 Webster, San Francisco, Cal.
Everett Packing Co., canned goods, Everett, Wash.
Everett Piano Co., Albany, Boston, Mass.
Everett Pulp & Paper Co., Lowell, Wash.
Everett Sand & Gravel Co., Everett, Wash.
Everett Sash & Door Co., Everett, Wash.
Everett Shingle Co., lumber, Everett, Wash.
Everett, W. D. J., masons' & bldrs.' matls., West Milton, Ohio.
Everglade Cypress Lumber Co., Parkersburg, W. Va.
Evergreen Stone Wks., Decatur & Myrtle, Brooklyn, N. Y.
Evergrip Gliding Caster Co., 261 Canal, New York.
Everham, Melville B., contractor, Chamber of Com., Detroit, Mich.
Everhard Co., brick, Massillon, Ohio.
Everhard Mfg. Co., stencils, Canton, Ohio.
Everhart, A. C., contractor, Williamsport, Pa.
Everhart Brass Works, 422 Penn. av, Scranton, Pa.
Everitt Bros., auto. tops, 669 Mack av, Detroit, Mich.
Everitt, C. H., contractor, Auburn Bldg., Buffalo, N. Y.
Everlastik, Inc., webbing mfrs., 395 B'way, New York.
Everlasting Valve Co., 2 Rector, New York.
Everly, Wm., contractor, 314 Newton Claypool Bldg., Indianapolis, Ind.
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Evers, Geo. C., cornices & skylights, Spokane, Wash.
Evers, Henry A., steel stamps, 45 Eddy, Providence, R. I.
Evers Iron Works, machsts. & fndrs., 1569-71 Merwin, N. W., Cleveland, Ohio.
Evers, Jno., Estate, molding sand, Waterford, N. Y.
Eversharp Pencil Co., 1800 Roscoe, Chicago, Ill.
Eversole, A. B., ties & poles, Buckhorn, Ky.
Everson, C. G., & Co., elec. & gas light fixtures, 70 W. Lake, Chicago, Ill.
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Everson Mfg. Co., hand vacuum cleaners, 271 Franklin, Boston, Mass.
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Eves, A. W., lbr., Iola, Pa.
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Ewert & Kutscheid, squaring shears, 3108 S. Halsted, Chicago, Ill.
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Ewing, B., flour mills, Springville, Ala.
Ewing & Brockenbrough, contractors, Lafayette, Ind.
Ewing & Chappell, architects, 101 Park av. New York.
Ewing, H. Norwood, Co., toilet paper, Woolworth Bldg., New York.
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Ewing, Jas., machst. & fndr., Fremont, Ind.
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Excelsior Brick Co., Fredonia, Kan.
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Excelsior Brick Co., Menomonie, Wis.
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Excelsior Mixer & Machy. Co., Milwaukee, Wis.
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Excelsior Package Handle Co., 44 N. 4th, Philadelphia, Pa.
Excelsior Pearl Wks., 178 Grand, New York.
Excelsior Plating Co., padlock locks, Lancaster, Pa.
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Exner, Paul J., & Son, contractors, 109th & E. R., New York.
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Exporters' Review, trade publication, 80 Broad, New York.
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Faber, Eberhard Rubber Co., erasers, Newark, N. J.
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Faber, Jacob, trunk mfrs., 1955 E. 9th, Cleveland, Ohio.
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Faber, Peter, bldg. contr., Madison, Wis.
Faber Piano Co., 351 Rider av, New York.
Faber Sulky Co., Rochester, N. Y.
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Fabre & Bearwald, architects, Merchants National Bk. Bldg., San Francisco, Cal.
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Fabric Fire Hose Co., rubber goods, 127 Duane, New York.
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Factory Magazine, trade publication, 5 N. Wabash av, Chicago, Ill.
Factory & Mill Supply Co., dlrs. in metal trades machy., 137 Oliver, Boston, Mass.
Factory Supply Co., mill & fact'y supps., 40 E. Kinzie, Chicago, Ill.
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Fahrney, Edw. B., fruit evaporators, Waynesboro, Pa.
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Faiella, Wm. A., architect, 391 E. 149th, New York.
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Fair Mfg. Co., machinists, 617 Bryant, San Francisco, Cal.
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Fair, S., & Son, fndrs., Saginaw, Mich.
Fairbank & Co., pig iron & iron ore, Wade bldg., Cleveland, Ohio.
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Fairbanks, Morse & Co., cars, cranes, engines, pumps & machy. mfrs., fndrs., machsts., tools & supplies, compressors, steam fitters' supplies, 900 S. Wabash av, Chicago, Ill.
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Fairbanks Steam Shovel Co., Marion, Ohio.
Fairburn Oil & Fertilizer Co., cottonseed meal, Fairburn, Ga.
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Fairchild & Betts, machsts. & fndrs., Warren, Pa.
Fairchild, Chas. A., architect, Kalamazoo, Mich.
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Fall River Canning Co., Fall River, Wis.
Fall River Foundry & Machine Co., Fall River, Mass.
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Fall River Sheet Metal & Cornice Works, Fall River, Mass.
Fall River Steam & Gas Pipe Co., Corp., machsts. & fndrs., Fall River, Mass.
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Falls Hollow Staybolt Co., Cuyahoga Falls, Ohio.
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Fanning, J. P., models wk., 678 Jefferson av, Br'klyn, New York.
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Fanning, Wm. T., architect, Colt Bldg., Paterson, N. J.
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Fanslow Bros., machsts. & fndrs., Yankton, S. D.
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Farber Clay & Mining Co., Farber, Mo.
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Faribault Engine Mfg. Co., Faribault, Minn.
Faribault Furniture Co., Faribault, Minn.
Faribault Woolen Mill Co., Faribault, Minn.
Faries Mfg. Co., electric fixtures, Decatur, Ill.
Farish & Gray, bldg. contrs., 3d Nat. Bk. Bldg., St. Louis, Mo.
Fariss Bros., contrs., Berkeley, Cal.
Farist Steel Co., Bridgeport, Conn.
Farley, C. H., & Co., glass stainers, Portland, Me.
Farley, Edw. P., Co., architects, Ry. Exch. Bldg., Chicago, Ill.
Farley, Ed. & Son, stone producers, Columbia, Mo.
Farley, Frank C., architect, 15 W 38th, New York.
Farley, Jas. A., contractor, 569 5th av, New York.
Farley & Loetscher Mfg. Co., ornamental woodwk, Dubuque, Ia.
Farley Paper Co., Farley, Mass.
Farley, W. E., & Bro., plastic orna., 3635 Market, Phila., Pa.
Farm Engng. Co., gasoline tractors, Sand Springs, Okla.
Farm House Traction Wks., Hartford, S. Dak.
Farm Implement News Co., trade publication, Masonic Temple, Chicago, Ill.
Farm Implements Publishing Co., trade publications, 1018 Lumber Exch., Minneapolis, Minn.
Farm Progress, trade publication, 7th & Olive, St. Louis, Mo.
Farmer Coal & Supply Co., masons' & bldrs. matls., Asbury Park, N. J.
Farmer, Jas. E., steel struct. wk., 41 Judson av, New Haven, Conn.
Farmer Roller Mill Co., Farmer, N. C.
Farmers' & Builders' Supply Co., Owego, N. Y.
Farmers' Canning Co., Dunreith, Ind.
Farmers' Canning Co., Mt. Carmel, Ill.
Farmers' Canning Co., Red Lion, Pa.
Farmers' Cement Tile Mach. Co., machsts., St. Johns, Mich.
Farmers' Co-operative Fertilizer Co., Blackstone, Va.
Farmers' Co-operative Warehouse & Gin Co., Troy, Ala.
Farmers' Cotton Oil Co., Americus, Ga.
Farmer's Cotton Oil Co., cottonseed meal, Dothan, Ala.
Farmer's Cotton Oil Co., meal, Farmersville, Tex.
Farmer's Cotton Oil Co., La Grange, Ga.
Farmers Cotton Oil Co., fertilizer, Wilson, N. C.
Farmers' Cotton Oil & Fertilizer Co., Huntsville, Ala.
Farmers Cotton Oil & Fertilizer Co., Toccoa, Ga.
Farmer's Cotton Seed Oil Mill, Martin, Ga.
Farmers E. & C. Union Warehouse Co., fertilizer mfrs., Dewey Rose, Ga.
Farmers' Exchange, flour mills, Romney, W. Va.
Farmers Exchange Co., fertilizer mfrs., Union Bridge, Md.
Farmers' Fertilizer Co., Columbus, Ohio.
Farmers' Fertilizer & Feed Co., Westminster, Md.
Farmers Fertilizer & Phosphate Co., Camilla, Ga.
Farmers' Fertilizer Works, Byromville, Ga.
Farmers' Fertilizer Wks., Elizabethtown, Pa.
Farmers' Fertilizer Wks., Milan, Ga.
Farmers' Flour Mills, Berthoud, Colo.
Farmers' & Ginners' Oil Mill, Austin, Tex.
Farmers' & Ginners' Cotton Oil Co., fertz. mfrs., Sulphur Springs, Tex.
Farmers' Ginning & Milling Co., flour, Rich Square, N. C.
Farmers' Grain & Milling Co., masons' & bldrs. matls., Sidney, Ohio.
Farmers Guano Co., fertilizer mfrs., Bainbridge, Ga.
Farmers Guano Co., fertilizer mfrs., Norfolk, Va.
Farmers' Machine Shop, Gueydon, La.
Farmers Manfg. Co., basket mfrs., Norfolk, Va.
Farmers' & Merchants' Milling Co., flour, Brooksville, Ky.
Farmers' Milling Co., flour, Beaver Dam, Ky.
Farmers Milling Co., flour, Tree, Va.
Farmers' Mutual Benefit & Trading Co., machsts. & fndrs., Brooklyn, Wis.
Farmers' Oil & Fertz. Co., Texarkana, Tex.
Farmers Oil & Fertilizer Co., Texarkana, Ark.
Farmers' Oil Mill, fertz. mfrs., Newberry, S. C.
Farmer's Oil Mill, Royston, Ga.
Farmers & Planters' Co., fertilizer mfrs., Salisbury, Md.
Farmers & Planter's Gin & Mill Co., Greenville, Ala.
Farmers' Roller Mills, flour, Spencer, W. Va.
Farmers Storage & Fertz. Co., Aiken, S. C.
Farmers' Union Fertilizer Co., Baskerville, Va.
Farmers Union Warehouse Co., fertilizer mfrs., Bowersville & Monticello, Ga.
Farmers' Union Warehouse Storage & Mfg. Co., Conyers, Ga.
Farmers' Warehouse & Fertilizer Co., Reynolds, Ga.
Farmersburg Brick & Tile Wks., Farmersburg, Ind.

Farmersville Mill & Light Co., Farmersville, Tex.
Farmingdale Chem. Wks., Inc., Farmingdale, L. I., N. Y.
Farmington Brush & Scraper Co., Farmington, N. H.
Farmington Milling Co., flour, Farmington, Mo.
Farmville Mfg. Co., handles, Farmville, Va.
Farmville Mills, flour, Farmville, Va.
Farmville Oil & Fertilizer Co., Farmville, N. C.
Farnam Bros. Co., contractors, Plymouth Bldg., Minneapolis, Minn.
Farnam-Cheshire Lime Co., 39 Cortlandt, New York.
Farnan Brass Works Co., 1105 Center N. W., Cleveland, Ohio.
Farnham, H. F., Co., sash, door & blind mfrs., Portland, Me.
Farnham, J. F., excelsior & lbr. mfrs., Union, N. H.
Farnham Mfg. Co., textile machy. supplies, etc., 39 Indiana, Buffalo, N. Y.
Farnham & Nelson Co., trunk racks, auto metal bodies, 47 Union av, Jamaica pl, Boston, Mass.
Farnham Printing & Stationery Co., 806 Lbr. Exch., Minneapolis, Minn.
Farnsworth, F. C., Co., steam traps, 2d av & 39th, B'klyn, N. Y.
Farnsworth, Hoyt & Co., shoe buttons, 58 Lincoln, Boston, Mass.
Farnsworth, Jas. M., architect, 644 8th av, New York
Farnsworth Packing Co., Brooklin, Me.
Farnsworth, R. & P., contrs., Owensboro, Ky.
Farnum & Co., granite, 1088 Westminster, Providence, R. I.
Farnum, J. B., Co., mill & facty. supplies, Woonsocket, R. I.
Farnum, Jas. J., Sr., architect, Chester, Pa.
Farnum, John & Co., cotton sheetings, 235 Chestnut, Phila., Pa.
Farnworth Co., flannels-woolen, Lisbon Center, Me.
Farquahar Machy. Co., Jacksonville, Fla.
Farquhar, A. B., Co. Ltd., farm machy. & implement mfrs., York, Pa.
Farquhar Furnace Co., Wilmington, Ohio.
Farquhar, R. D., architect, Van Nuys Bldg., Los Angeles, Cal.
Farquharson, Robt., granite producers, South Ryegate, Vt.
Farr, Albert, architect, 68 Post, San Francisco, Cal.
Farr & Bailey Mfg. Co., oil cloth mfrs., Camden, N. J.
Farr Brick Co., 222 Leader News Bldg., Cleveland, Ohio.
Farr, D., flour mills, Franklin, Tenn.
Farr Mfg. Co., soap, cutting & drilling oils & compounds, N. Tonawanda, N. Y.
Farra, Harry W., contractor, West Chester, Pa.
Farrand, Teo. S., contractor, Verona, N. J.
Farrar & Guy, lumber & contractors, 312 Quincy B., Denver, Colo.
Farrar Iron & Steel Co., Buffalo, N. Y.
Farrar Lumber Co., Dalton, Ga.
Farrar, R. L., flour mills, Mulberry, Tenn.
Farrar & Trefts, Inc., engineers, founders, etc., Buffalo, N. Y.
Farrel, John & Son, agric. implts., Newton, N. J.
Farrel Foundry & Machine Co., paper & pulp mill, rolling mill, rubber & stone working machy., etc., Ansonia, Conn.
Farrell, Andrew & Sons, granite, Westerly, R. I.
Farrell, C. H., & Co., sash, door & blind, 6 Northampton, Boston, Mass.
Farrell-Cheek Steel Foundry Co., Sandusky, Ohio.
Farrell & Conaton, steam fitters' supplies, Lowell, Mass.
Farrell, Edw. P., fndrs., 1414 Philpot, Baltimore, Md.
Farrell, Francisco, Llado & Co., corkwood imptrs., 37 Maiden La., New York.
Farrell, James F., stone producer, Covington, Ky.
Farrell, Jas. P., & Co., contractors, 1621 Sansom, Phila., Pa.
Farrell, John, & Sons, drum hoists, Newton, N. J.
Farrell, M., & Sons, contractors, Hoboken, N. J.
Farrell, M. & T. E., contractors, West Chester, Pa.
Farrell Mach. & Boiler Wks., Brinkley, Ark.
Farrell, Patrick, contractor, 2d Nat. Bk. Bldg., Cincinnati, Ohio.
Farrell & Reed, contractors, 3d & Mission, San Francisco, Cal.
Farrell, R. C., archit., 707 So. Hope, Los Angeles, Cal.
Farrell Valve & Specialty Co., valves & cocks, Austin Bldg., Buffalo, N. Y.
Farrell, W. J., cork mfr., bottle openers, 325 Washington, New York.
Farrell, Wm., Lumber Co., Hensley, Ark.
Farrend, Mrs. Beatrix, architect, 21 E. 11th, New York.
Farrenkopf, Chas. & Sons, machsts., 623 Minna, San Fran., Cal.
Farriby, J. N., machsts. & fndrs., Ubly, Mich.
Farrin, M. B., Lumber Co., Station av & Winton pl, Cincinnati, Ohio.
Farrington Case Co., 48 Maiden La., New York.
Farrington & Co., window springs, Mt. Vernon, N. Y.
Farrington, Frank, Co., contractors, Scherer Bldg., Detroit, Mich.
Farrington Mfg. Co., door stops, 23 Vale, Boston, Mass.
Farrington, Robt. M., architect, Grand Cent. Term., New York.
Farrington, W. U. (Est. of), soaps, East Greenwich, R. I.
Farris Bridge Co., steel struct. wk. & mine tipples, Charleston, W. Va.
Farris, Jos., grate bar mfrs., Springfield, Ill.
Farris Milling Co., flour, Cave City, Ky.
Farrish, Arthur, Lumber Co., Asotin, Wash.
Farrow Arms Co., mchsts., 210 2d N. W., Washington, D. C.
Fars, Fred. F., architect, Schmulbach Bldg., Wheeling, W. Va.
Farwell Cornice Co., 3935 Southport av, Chicago, Ill.
Farwell, J. B., & Co., masons' & bldrs.' matls., Oswego, N. Y.
Farwell, Lyman, architect, 610 S. B'way, Los Angeles, Cal.
Farwell Mills, cotton sheetings, Lisbon, Me.
Farwell, Ozmun, Kirk & Co., wholesale hdwe., 2d & Jackson, St. Paul, Minn.
Farwell & Rhines, Inc., flour mills, Watertown, N. Y.
Fash, Robt. A., architect, 163 W. 20th, New York.
Fashion Button Wks., 344 W. 38th, New York.
Fashion Silk Mfg. Co., umbrella cloth, Paterson, N. J.
Fass, Jos., & Co., contractors, Madison, Wis.
Fasset, J. E., Boiler Works, Wellsville, Ohio.
Fassett, E. F., architect, 95 Exchange, Portland, Me.
Fassett, Fred W., lumber mfrs., Wellsville, N. Y.
Fassett Lumber Co., Fresno, Cal.
Fassett, M. L., sashes, doors & blinds, Findlay, Ohio.
Fassler, Jacob, desk mfr., Utica, N. Y.
Fassnacht, A., & Sons, carriages, Chattanooga, Tenn.
Fate, J. D., Co., brick & clay machinery, Plymouth, Ohio.
Fath Construction Co., 5103 Euclid av, Cleveland, Ohio.
Fathauer, Theo., Co., lbr., 1428 Cherry av, Chicago, Ill.
Fatzler, Fred, Co., contractors, 810 Broad, Newark, N. J.
Faucher Bros., contractors, 58 Front, Worcester, Mass.
Faudel, Henry J., stone producer, Independence, Ohio.
Faught & Macklin, architects, Barnes Bldg., Wichita, Kan.
Faul & Timmins, metallic gaskets, seats, Buffalo, N. Y.
Faul, Wm. J., Co., lubrg. oils, 133 Front, New York.
Fauldrath, C. H., & Bro., mattresses, 219 N. Howard, Baltimore, Md.
Faulkenburg Fdry. & Mach. Co., Andalusia, Ala.
Faulkner, Chas. D., architect, 322 S. Michigan av, Chicago, Ill.
Faulkner, D. A., machinist, Woodland, Cal.
Faulkner, Frank G., contractor, Sedalia, Mo.
Faulkner Lumber Co., sash, door & blind, Pittsfield, Mass.
Faulks, Jas. H., Co., cornices & skylights, Elizabeth, N. J.
Faultless Anchor Co., Fostoria, Ohio.
Faultless Caster Co., Evansville, Ind.
Faultless Engine Co., 1511 Cypress av, Kansas City, Mo.
Faultless Iron Works, machsts. & fndrs., St. Charles, Ill.
Faultless Rubber Co., rubber goods, Ashland, Ohio.
Faultless Starch Co., 1025 W. 8th, Kansas City, Mo.
Faunt Bros., brass castings, 1555 Fulton, Chicago, Ill.
Faunt Le Roy Elev. Co., 8th nr. Pratt, Baltimore, Md.
Faust Bros. Lbr. Co., Jackson, Miss.
Faust, J. U., & Co., lumber, Paducah, Ky.
Faust, John K., & Son, contractors, Reading, Pa.
Faust, Samuel, contractor, New Castle, Ind.
Faville, Wm. B., archit., Balboa Bldg., San Francisco, Cal.
Favor, Frank M., masons' & bldrs.' matls., Gardner, Mass.
Favor, Ruhl & Co., architects' instruments, 43 W. 23d, New York.
Favorite Boiler Compaund Co., 8568 Vine av, Chicago, Ill.
Favorite Mfg. Co., machinists, 319 Mt. Vernon av, Columbus, O.
Favorite Stove & Range Co., Piqua, Ohio.
Favret, Lionel F., contractor, 307 Tulane Newcourt, New Orleans, La.
Favrot & Livaudais, architects, Perrin Bldg., New Orleans, La.
Faw, J. H., Inc., auto. creepers, 41 Warren, New York.
Fawcett, C. E., mill & facty. supplies, Cedar Rapids, Ia.
Fawcett, Hughes, harness twine, 115 Franklin, New York.
Fawcett, Wm., bldg. contr., Duluth, Minn.
Fawcus Machine Co., cut gears & special mach., 1st Nat. Bank Bldg., Pittsburgh, Pa. *See adv index at end of book.*
Faxon & Gallagher Drug Co., whol. & retail plate & window glass, 80 B'way, Kansas City, Mo.
Fay Belting Co., leather, 151 Lafayette, New York.
Fay & Bowen Engine Co., Geneva, N. Y.
Fay Bros., machy. dlrs., Jeanerette, La.
Fay Bros. & Co., lumber mfrs., Cedar Rapids, Ia.
Fay, Edward, & Son, building contractors, 2 S. Mole, Phila., Pa.
Fay Improvement Co., Phelan Bldg., San Francisco, Cal.
Fay, J. A., & Egan Co., wood working machinery, Cincinnati, Ohio.
Fay-Kultgen Fdy. Co., St. Joseph, Mich.
Fay Mach. Tool Co., 2d & Glenwood av, Philadelphia, Pa.
Fay, Robert, pianos, 567 Valencia, San Francisco, Cal.
Fay & Scott, engine lathes, mill & facty. supplies, Dexter, Mo.
Fay, S. C., & Co., Inc., contrs., Springfield, Mass.
Fay, U. G., architect, Central Bldg., Seattle, Wash.
Fayette Canning Co., Fayette & Washington Court House, Ohio.
Fayette Coke Co., New Salem, Pa.
Fayette Fertilizer Co., Fayetteville, Ga.
Fayette Lumber Co., Connellsville, Pa.
Fayetteville Canning Co., Fayetteville, Ark.
Fayetteville Mfg. Co., butchers' blocks, Fayetteville, N. Y.
Fayetteville Milling Co., flour, Fayetteville, Tenn.
Fayetteville Oil Co., Fayetteville, Ga.
Fayetteville Oil Mills, Fayetteville, Ohio.
Fayfield, Robert C., architect, Iroquois Bldg., Buffalo, N. Y.
Fazon & Zimmers, lbr. mfrs., Goshen, Wash.
Fead, John L., & Sons, knitted gloves, Port Huron, Mich.
Feaga, Gaylord W., contractor, Citizens' Bldg., Cleveland, Ohio.
Feagans, W. C., flour mills, Wheatland, W. Va.
Fear, Fred, Match Co., Bloomsburg, Pa.
Fearless Dishwasher Co., Rochester, N. Y.
Fearnley, Arthur J., tex. mach'y, supplies (slashers, reeds), Fall River, Mass.
Fearon Brown Co., camphor, oils, 96 Wall, New York.
Fearon, F. G., Co., contractors, 280 Madison av, New York.
Fearon Lumber & Veneer Co., Ironton, Ohio.
Fearon-Tillotson Fndry. Co., 1420 W. Kinzie, Chicago, Ill.
Feather, N. B., mercury testing columns, Hackett, Newark, N. J.

Featherbone Whip Co., Westfield, Mass.
Featheredge Rubber Co., rubber sponge mfrs., 408 W. Grand av, Chicago, Ill.
Featherley, Emmett R., Jr., architect, 443 11th, Niagara Falls, N. Y.
Featherweight Eyeshade Co., Merchantville, N. J.
Febrey, E. J., & Co., heating contractors, Pacific Bldg., Washington, D. C.
F. & E. Check Protecting System, 227 West Erie, Chicago, Ill.
Fechheimer, A. Lincoln, architect, Union Trust Bldg., Cincinnati, Ohio.
Fechheimer Steel & Iron Co., Allentown, Pa.
Fedders Mfg. Co., water cooling radiators, Buffalo, N. Y.
Fedell, A. F., Co., contractors, Vickers Bldg., Baltimore, Md.
Federal Adding Machine Corp., special tools, cutters, reamers, jigs, fixtures, gauges & adding machines, York & Grove, New Haven, Conn. *See adv index at end of book.*
Federal Asbestos Co., Milwaukee, Wis.
Federal Bearings Co., ball bearings, Poughkeepsie, N. Y.
Federal Body Co. of N. Y., 250 W. 54th, New York.
Federal Brass & Bronze Co., machsts.' & fndrs.' castings, Ridge, Astoria, N. Y.
Federal Brass Fdy. Co., Boston, Mass.
Federal Brass Mfg. Co., plumbing, brass goods, 1000 Champlain av, N. W., Cleveland, Ohio.
Federal Brass Wks., 3100 S. Kedzie, Chicago, Ill.
Federal Bridge Co., Des Moines, Ia.
Federal Bridge & Structural Co., Waukesha, Wis.
Federal Button Co., 365 Market, Newark, N. J.
Federal Cement Tile Co., 920 Westminster Bldg., Chicago, Ill.
Federal Chemical Co., fertilizer mfrs., phosphate rock, Louisville, Ky.
Federal Clay Product Co., Mineral City, Ohio.
Federal Concrete Co., Mutual Life Bldg., Buffalo, N. Y.
Federal Construction Co., Odd Fellows Bldg., St. Louis, Mo.
Federal Construction Co., Sharon Bldg., San Francisco, Cal.
Federal Constr. Co., Hartman Bldg., Columbus, Ohio.
Federal Creosoting Co., Louisville, Ky.
Federal Dyestuff & Chemical Corp., 2 Rector, New York.
Federal Elec. Co., 640 W. Lake, Chicago, Ill.
Federal Enam. & Stamping Co., ash cans, Thompson & Chartiers, Pittsburgh, Pa.
Federal Equipment Co., bank fix., Carlisle, Pa.
Federal Export Corp., steel & machy. dlrs., 42 Broadway, New York.
Federal Felting Co., Westerly, R. I.
Federal Filter Co., 1364 Grand av, Chicago, Ill.
Federal Fdy. Co., Indianapolis, Ind.
Federal Foundry Supply Co., 2639 E. 79th, Cleveland, Ohio.
Federal Furnace Co., 108 & Calumet River, Chicago, Ill.
Federal Glass Co., Columbus, Ohio.
Federal Granite Brick Co., common brick, Scranton, Pa.
Federal Graphite Mills, 2639 E. 79th, Cleveland, Ohio.
Federal-Huber Co., machsts. & fndrs, plumbers' supplies—jobbers, 234 N. Halsted, Chicago, Ill.
Federal Knitting Mills Co., cardigans, sweaters, Detroit & W. 29th, Cleveland, Ohio.
Federal Lumber Co., Guardian Bldg., Cleveland, Ohio.
Federal Machy. Sales Co., 12 N. Jefferson, Chicago, Ill.
Federal Malleable Co., castings, West Allis, Wis.
Federal Mfg. Co., machsts., 21 E. Van Buren, Chicago, Ill.
Federal Mfg. Co., machsts. & fndrs., 168 W. Long, Columbus, O.
Federal Metallic Packing Co., 48 Hanover, Boston, Mass.
Federal Mill Co., lumber, San Francisco, Cal.
Federal Milling Co., flour, Lockport, N. Y.
Federal Miniature Lamp Division Nat'l Lamp Wks. of G. E. Co., 920 S. Michigan av, Chicago, Ill.
Federal Mining & Smelting Co., Mullan, Idaho.
Federal Motor Truck Co., motor fire engines, Leavitt & Campbell avs, Detroit, Mich.
Federal Packing Co., canned goods, Enosburg Falls, Vt.
Federal Paper Board Co., Bogota, N. J.
Federal Paper Stock Co., cotton waste, 1814 N. Main, St. Louis, Mo.
Federal Parquetry Mfg. Co., 3 W. 14th, New York.
Federal Plate Glass Co., Ottawa, Ill.
Federal Pressed Steel Co., Keefe av & N. Pierce, Milwaukee, Wis.
Federal Process Co., paint mfrs., Cleveland, Ohio.
Federal Railway Supply Co., brake beams, box car loaders, etc., Knoxville, Tenn.
Federal Refractories Co., brick, ores, etc., Cleveland, Ohio.
Federal Rubber Co., The, auto tires, Cudahy, Wis.
Federal Sash & Door Co., 18th & Wabash av, Kansas City, Mo.
Federal Screw Corp., wood screw, 393 Harris av, Providence, R. I.
Federal Shipbldg. Co., Kearny, N. J.
Federal Sign System, fire alarms, elec'l horns, etc., 640 W. Lake, Chicago, Ill.
Federal Signal Co., railway signals, etc., Albany, N. Y.
Federal Steam & Gas Supply Co., 195 High, Boston, Mass.
Federal Steel Cement Mills, hardeners (concrete), 2639 E. 79th, Cleveland, Ohio.
Federal Steel Fixture Co., metallic lockers, etc., 189 W. Madison, Chicago, Ill.
Federal Steel Fdry. Co., Chester, Pa.
Federal Sugar Refining Co., 91 Wall, New York.
Federal Terra Cotta Co., architectural, 101 Park av, New York.
Federal Tool & Alloyed Steel Corp., 12 Platt, New York.
Federal Tool Co., 2512 W. Monroe, Chicago, Ill.
Federal Toy Co., 168 Greene, New York.
Federal Window Co., puttyless windows, Security Bldg., Milwaukee, Wis.
Federated Glass Co., Point Marion, Pa.
Fee-Crayton Harwood Lumber Co., Dermott, Ark.
Fee, Grant, contractor, 2440 16th, San Francisco, Cal.
Fee & Mason, plates, clamps, straps, hangers, etc., 81 Beekman, New York.
Feeley, Wm. J., Co., The Art Metal Work, 169 S. Angell, Providence, R. I.
Feely, John, contractor, Ogdensburg, N. Y.
Feeney & Atherton, granite producers, Woodstock, Md.
Feeney & Bremer Co., Tillamook, Ore.
Feeney, Jno., cornices, 1 N. Grove, Boston, Mass.
Feeney, John J., architect, Coal Exch. Bldg., Scranton, Pa.
Feeney & Sheehan Bldg. Co., building contractors, 164 Montgomery, Albany, N. Y.
Feeny-Hurd Co., machsts., Muncie, Ind.
Feeny Mfg. Co., clothes line reels, vacuum cleaners, Muncie, Ind.
Feeser, A. W., & Co., canned goods, Silver Run, Md.
Feeser, Frank S., Co., tool kits, auto. radiator covers, 1102 Prospect, Indianapolis, Ind.
Fegan, Owen J., contractor, Mount Vernon, New York.
Fegely, J., & Son, steam fitters' suppls., and whol. hdwe., Pottstown, Pa.
Fegley, Morris, lumber, Pine Grove, Pa.
Fehl, Henry, carriages, Springfield, Ohio.
Fehleisen, Rosacker, Lbr. Co., Boone, Ia.
Fehlig Bros. Box Mfg. Co., 1909 Washington, St. Louis, Mo.
Fehlig Const. Co., Theresa av & Hickory, St. Louis, Mo.
Fehn, Sidney M., archetct, College Point, N. Y.
Fehring Carriage Co., Columbus, Ind.
Feick Bros. Co., surg'l instru., 809 Liberty av, Pittsburgh, Pa.
Feick, Geo., & Sons, contractors, Sandusky, Ohio.
Feich, John A., contractor, Sandusky, Ohio.
Feidt, Geo. D., & Co., viscosimeters, 244 N. 5th, Philadelphia, Pa.
Feigel, M., & Bro., paint, varnish, etc., 185 Wooster, New York.
Feigenbaum Trunk & Bag Co., 1272 W. 6th, Cleveland, Ohio.
Feigenspan, C. & Co., advtg. nov., Cincinnati, Ohio.
Feilbach Motor Co., machsts., Weil & Burleigh, Milwaukee, Wis.
Fein, J., architect, 215 Snedecker av, Brooklyn, N. Y.
Feinberg, Abe, scrap iron & steel, Muncie, Ind.
Feinberg & Feinberg, furniture tops, 433 4. 42d, New York.
Feinburg, David, Co., scrap rubber, 11 B'way, Chelsea, Mass.
Feindel, H. A., masons & blds. materials, Wakefield, Mass.
Feine, August, & Sons Co., machsts., 152 Terrace, Buffalo, N. Y.
Feiner, I. G., architect, 505 5th av, New York.
Feiner, P., cornices, 335 W. 44th, New York.
Feis, Chas. J., Co., advtg. spec., New York.
Feist, John, & Sons Co., sash, door & blind mfrs., 115 Ash, Buffalo, N. Y.
Feitel, Dan W., Bag Co., burlap bags, Clarborne & Erato, New Orleans, La.
Feitel, Maurice, masons' & bldrs.' matls., 3722 Tulane av, New Orleans, La.
Felch, L. G., lumber, Monroe Center, Ohio.
Felchlin, R. F., architect, Rowell Bldg., Fresno, Cal.
Feld, Geo. A., Co., tin plate, 162 E. 129th, New York.
Feldhake, J. J., cornices & skylights, Effingham, Ill.
Feldheim, Lyman, Co., sash, door & blind mfrs., Erie, Pa.
Feldman, Chas. H., cornices & skylights, St. Peter, Minn.
Feldman, H. & Co., scrap rubber, 324 S. Del., Philadelphia, Pa.
Feldman, Jno., archl. iron, 1323 Gates av, Brooklyn, N. Y.
Feldman, J., Co., steel wire, Jersey City.
Feldman, L. A., Fixture Co., 24 W. 30th, New York.
Feldman Mfg. Co., elec. water heaters, Times Bldg., New York.
Feldman & Seeler, architects, Kresge Bldg., Detroit, Mich.
Feldman System Mfg. Co., loose leaf devices, Chicago, Ill.
Feldmann, L., & Co., brooms, 417 Montgomery, San Francisco, Cal.
Feldstein, Chas. H., Co., hair cloth mfrs., 1839 Madison, Philadelphia, Pa.
Felgemaker, A. B., Erie Organ Co., Erie, Pa.
Felgenhauer, Frank J., Co., contractors, 4 Court sq, B'klyn, N. Y.
Felger & Caston, brick, Arcola, Ind.
Felin, Chas. F., & Co., sash, door & blind, Old York rd & Butler, Philadelphia, Pa.
Felin, John J., & Co., meat packers, 4142 Germantown, Philadelphia, Pa.
Felkel, F., architect, 413 4th av, Pittsburgh, Pa.
Felker Bros., lbr., Rochester, N. H.
Felker Bros. Mfg. Co., steel tanks, Mansfield, Wis.
Felker, L. J., architect, Weiser, Idaho.
Fell, Hy. R., Co., reinf. concrete steel const., Trenton, N. J.
Fell, Jos. E., machsts. & fndrs., Ogdensburg, N. Y.
Fell, W. J., lbr. mfrs., Salt Lick, Ky.
Fellabom, L. H., contractor, Wellesley & Heberton av, Pittsburgh, Pa.
Fellers Bros., lumber, Harriette, Mich.
Fellgren Constr. Co., 5817 B'way, Chicago, Ill.
Fellheimer, Alfred, architect, 5 E. 42d, New York.
Felli, P. C., & Co., granite producers, Milford, N. H.
Fellows, Allen D., architect, East Auburn, Cal.
Fellows, Azro, mill & facty. supplies, Belvidere, Ill.

Fellows & Co., ladders, 234 Friend, Boston, Mass.
Fellows Gear Shaper Co., machsts. & fndrs., Springfield, Vt.
Fellows, Gertrude F., lbr., West Brentwood, N. H.
Fellows, J. B., & Co., lawn sprinklers, Boston, Mass.
Fellows, John N., contractor, Columbia, Mo.
Fellows & Son, packing boxes, Manchester, N. H.
Fellows, Wm. K., architect, 814 Tower Court, Chicago, Ill.
Fellrath, John B., Co., wooden shoes, Fond Du Lac, Wis.
Fellsen Tire Co., 1995 B'way, New York.
Fellweck Auto. & Mfg. Co., windshields, Evansville, Ind.
Felmlee, Oscar R., architect, New Windsor, Colo.
Fels, Arthur B., heating contr., Portland, Me.
Fels & Co., soap, 73d & Woodland av, Philadelphia, Pa.
Fels Fibre Fabric Co., Lowell, Mass.
Felsenthal, G., & Sons, advtg. spec., 446 Wells, Chicago, Ill.
Felson, J. M., architect, 1133 B'way, New York.
Felss Flour Milling Co., Cincinnati, Ohio.
Felsworth Lime Co., Staunton, Va.
Felt & Almy, masons' & bldrs.' matls., Randolph, N. Y.
Felt, Geo. F., Lbr. Co., Salt Lake City, Utah.
Felt, J. H., & Co., architects, Grand av Temple, Kansas City, Mo.
Felt Paper Co., Rowlandsville, Md.
Felt Specialty Mfg. Co., ball bearing, 590 Pearl, New York.
Felt & Tarrant Mfg. Co., adding machines, 1717 N. Paulina, Chicago, Ill.
Feltch, E. S., & Co., carriages, Amesbury, Mass.
Felters Co., felt mills, 103 Bedford, Boston, Mass.
Feltes & Donegan, machsts., 1410 Kansas av, Kansas City, Mo.
Felton, D. D., Brush Co., Atlanta, Ga.
Felton, M., Sons Co., contractors, Covington, Ky.
Felton Packing Co., canned goods, Felton, Del.
Felton, S. A., & Son Co., brushes—fdry., mach., factory, etc., Manchester, N. H.
Felton, Sibley & Co., paint mfrs., 136 N. 4th, Philadelphia, Pa.
Felton & Son, gin distillers, 516 E. 2d, Boston, Mass.
Felton-Turner Heating Co., 34 Warren, Boston, Mass.
Felton, Wm. F., contractor, 1450 Michigan av, Buffalo, N. Y.
Feltus Bros., mill & facty. supplies, whol. hdwe., Natchez, Miss.
Fender Lumber Co., Valdosta, Ga.
Fenderson, John, & Co., lbr. mfrs., Springfield, Mass.
Fenderson, W. N., canned goods, Chebeague Island, Me.
Fenhagen, Geo. C., architect, 11 E. Pleasant, Baltimore, Md.
Fenimore, Edw. C., contractor, 8 E. Broad, Columbus, Ohio.
Fenn, C. E., & Co., marble, granite, 38 S. Dearborn, Chicago, Ill.
Fenn Mfg. Co., post hole augers, Charlotte, Mich.
Fenn Mfg. Co., tapping & drilling machines, cutter grinders & special machinery mfrs., 385 Broad, Hartford, Conn.
Fenn Ventilator Co., rotary ventilator mfrs., 94 Blackstone, Boston, Mass.
Fenn, Wm. J., cornices, Johnstown, Pa.
Fennell, Geo. H., & Co., heating contractors, Newport, Ky.
Fennell, James S., contractor, 180 Jessie, San Francisco, Cal.
Fennell, John J., & Sons, horse lawn boots, Cynthiana, Ky.
Fenner, Brut L., architect, 101 Park av, New York.
Fenner, Geo. L., varnish mfrs., West av, Long Isl. City, N. Y.
Fenno, Ed. K., contrs., Esnbim Bldg., Syracuse, N. Y.
Fenny, Edmond J., Co., elec. portables, Muncie, Ind.
Fenollosa, White & Shufeldt, landscape archts., 101 Tremont, Boston, Mass.
Fensholt & Fechner, mill & facty. supplies, 16 S. Clinton, Chicago, Ill.
Fensterer & Ruhe, elec'l glassware, 37 Murray, New York.
Fenton Art Glass Co., table, Williamstown, W. Va.
Fenton Construction Co., marble prod., Knoxville, Tenn.
Fenton, David, ship bldr., Manchester, Mass.
Fenton Fibre Box Co., North Tonawanda, N. Y.
Fenton, J. H., & Co., steam fitters' supplies, Cedar Rapids, Ia.
Fenton Label Co., 9th & Thompson, Philadelphia, Pa.
Fenton & Sons, Box & Lbr. Co., North Tonawanda, N. Y.
Fenwood Lumber Co., Wausau, Wis.
Ferber Constr. Co., Hackensack, N. J.
Ferdinand, L. W., & Co., marine glue and linoleum cement mfrs., 154 Kneeland, Boston, Mass. *See adv index at end of book.*
Ferdon, architect, St. Petersburg, Fla.
Ferer, J., egg testers, Falls City, Neb.
Ferge, Hy., bldg. contr., 421 Milwaukee, Milwaukee, Wis.
Fergus Casket Works, Fergus Falls, Minn.
Fergus Falls Knitting Wks., Fergus Falls, Minn.
Fergus Flour Mills Co., Fergus Falls, Minn.
Fergus Iron Works Co., machsts. & fndrs., Fergus Falls, Minn.
Fergus Mfg. Co., sashes, doors & blinds, Fergus Falls, Minn.
Fergus Packing Co., meat, Fergus Falls, Minn.
Ferguson, C. E., Saw Mill, lumber, Little Rock, Ark.
Ferguson, Carlow & Wrenn, architects, Va. Nat'l Bk. Bldg., Norfolk, Va.
Ferguson, Chas. A., architect, Arcade, Nashville, Tenn.
Ferguson & Clarke, lbr. mfrs., 517 Flushing av, B'klyn, N. Y.
Ferguson & Edmondson Co., contractors, Keystone Bldg., Pittsburgh, Pa.
Ferguson, F., & Son, machsts. & fndrs., Hoboken, N. J.
Ferguson-Flanigan Co., contractors, Vickers Bldg., Cleveland, O.
Ferguson, Frank W., architect, 33 W. 42d, New York.
Ferguson, G. B., trunk, McCall Bldg., Memphis, Tenn.
Ferguson, Geo. N., brass & composition fndrs., Bloomfield, N. J.
Ferguson, H. E., contractor, Richmond, Va.
Ferguson, Hardy S., mill engr., 200 5th av, New York.
Ferguson, Henry, canned goods, Elwood, Ind.
Ferguson, Hugh, concrete steel constr., Pittsburgh Life Bldg., Pittsburgh, Pa.
Ferguson & Hunt, masons' & bldrs.' matls., Rosedale, Ind.
Ferguson, James, railroad ties, Montgomery City, Mo.
Ferguson, John W., contractor, 253 B'way, New York.
Ferguson, Jno. W., Co., contractors, Paterson, N. J.
Ferguson & Lange Fndry. Co., Clybourne av & Willow, Chicago, Ill.
Ferguson Lumber Co., Rockville, Ind.
Ferguson Mfg. Co., machsts., Dubuque & Waterloo, Iowa.
Ferguson & Palmer Co., lumber, Paducah, Ky.
Ferguson Pub. Co., trade publications, 90 West, New York.
Ferguson, Robt. B., contractor, 254 Lee av, Brooklyn, N. Y.
Ferguson, Robt. T., contractor, Norfolk, Va.
Ferguson & Son, contractors, 1739 Union, San Francisco, Cal.
Ferguson Steel & Iron Co., shipbuilders, structural steel, whol. etc., Bailey av, B'way, Buffalo, N. Y.
Ferguson Supply Co., plumbers' supplies—jobbers, Grand Rapids, Mich.
Ferguson Synstone Co., concrete bldg. block machy., Century Bldg., Denver, Colo.
Ferguson, Thos., contractor, 192 Bradhurst av, New York.
Ferguson Tin Plate Co., Torrens & P. R. R., Pittsburgh, Pa.
Ferguson, W. T., Lbr. Co., Wright Bldg., St. Louis, Mo.
Ferguson Waterproof Co., mechanics' aprons, Grand & Hickory, St. Louis, Mo.
Ferguson & Wheeler, lumber, Poplar Bluff, Mo.
Ferguson, Wm. M., masons' & bldrs.' matls., Tipton, Mo.
Ferguson, Wm., & Son, contractors, 405 E. 21st, Phila., Pa.
Ferguson's, Wm. A., Sons, stone, Little Falls, N. J.
Fergusson Bros., chemicals, 109 Chestnut, Philadelphia, Pa.
Fern, Russel E., Co., contrs., Scranton, Pa.
Fernald Co., masons' & bldrs.' matls., 221 Tehama, San Francisco, Cal.
Fernald, Geo. H., Hardware Co., Sanford, Fla.
Fernald, Geo. Porter, architect, 70 Kilby, Boston, Mass.
Fernald, Keene & True Co., canned goods, West Poland, Me.
Fernald Mfg. Co., machsts. & fndrs., North East, Pa.
Fernald, Willmont L., lumber, Logansport, Ind.
Fernandina Shipbuilding & Dry Dock Co., Fernandina, Fla.
Ferndale Canning Co., Ferndale, Wash.
Ferndon, J. H., tuprentine, Homerville, Ga.
Fernekes & Cramer, architects, Pabst Bldg., Milwaukee, Wis.
Fernholtz Brick Machinery Co., machsts., Boyle & Vandeventer av, St. Louis, Mo.
Fernschild, Geo. J., Jr., architect, 192 Main, New Rochelle, N. Y.
Fernstenmaker, W. E., brick, Pickerington, Ohio.
Fernstrum, Frank G., tubular boilers, Menominee, Mich.
Fernwood Lbr. Co., Fernwood, Miss.
Fero Elec. Air Pump Co., Wilkinsburg, Pa.
Ferracute Mach. Co., Bridgeton, N. J.
Ferrand, Gabriel, architect, Wash. Univ. School of Arch., St. Louis, Mo.
Ferrary Bros. Co., tex. machy., hooks (reed), Paterson, N. J.
Ferree, Albert G., architect, 6258 Stewart av, Chicago, Ill.
Ferree, E. H., Co., machsts., leather & metal novelties & notions, Lockport, N. Y.
Ferrell, A. T., & Co., agricultural implements, Saginaw, Mich.
Ferrell Brake & Mfg. Co., Cassius av, S. E., Cleveland, Ohio.
Ferrell, C. A., architect, Little Rock, Ark.
Ferrell, M. F., & Son, canned goods, Haymakertown, Va.
Ferrier, E. L., & Co., contractors, Ellensburg, Wash.
Ferrin, F. M., flexible cords, 45 Arch, Boston, Mass.
Ferris Bros., cornices & skylights, South Manchester, Conn.
Ferris, Chas. S., sash, door & blind mfr., 232 McCullough, Cincinnati, Ohio.
Ferris, F. A., & Co., meat packers, 262 Mott, New York.
Ferris, Geo. A., architect, Reno, Nev.
Ferris, Jno. & Sons, lbr., Brookville, Ind.
Ferris, O. J., paint, Plainville, Ohio.
Ferris Pressed Brick Co., Ferris, Tex.
Ferris Steam Mortar Wks., masons' & bldrs.' matls., 632 Galloway av, Columbus, Ohio.
Ferris, Theo. E., naval architect, 30 Church, New York.
Ferris, Warren B., Brick Co., Columbus, Ohio.
Ferro Brick Co., Watsontown, Pa.
Ferro Concrete Construction Co., Richmond & Harriet, Cincinnati, Ohio.
Ferro Construction Co., 537 S. Dearborn, Chicago, Ill.
Ferro Machine & Foundry Co., grey iron casting for automobiles, trucks & tractors, etc., E. 66th & Hubbard av, Cleveland, Ohio.
Ferrochem Co., Ltd., feed water treatment for boilers, 30 Church, New York.
Ferrofix Brazing Co., brazing compounds, 225 S. 24th, Phila., Pa.
Ferrofix Brazing & Machine Wks., cast iron, Seattle, Wash.
Ferrosteel Co., 425 Prospect av, N. W., Cleveland, Ohio.
Ferry-Baker Lumber Co., Everett, Wash.
Ferry, C. S., & Son, sash, door & blind, Pittsfield, Mass.
Ferry Cap & Set Screw Co., bolts, studs, etc., Cleveland, O.
Ferry, Geo. B., architect, Pasadena, Cal.
Ferry, John J., architect, Englewood, N. J.
Ferry, T. Ross, architect, 277 B'way, New York.
Fersinger, Peter, contractor, 1 N, N. W., Washington, D. C.
Ferstler, Christian, cut glassware, 2346 Summerfield, Brooklyn, N. Y.

Fertile Brick & Tile Co., Fertile, Minn.
Fertile Chem. Co., Cleveland, Ohio.
Fesenfeld & Barber, machsts. & fndrs., Black Earth, Wis.
Fessenden, B. & A. D., Co., lumber, Townsend, Mass.
Fessenden & Co., silver novelties, 100 Friendship, Providence, R. I.
Fessler, David, cornices, 347 E. 105th, New York.
Festus Pressed Brick Co., Festus, Mo.
Feth, Wm. P., architect, Leavenworth, Kans.
Fetterolf, Edwin H., architect, 1524 Chestnut, Phila., Pa.
Fetter's, Jacob, Sons, sash, door & blind, Milton, Pa.
Fettig, Jos., scrap iron, steel & rubber, 1910 Plum, Cincinnati, Ohio.
Fetzer Bros., wholesale hdwe., Brookville, Pa.
Fetzer & Co., machsts. & fndrs. agric'l implements, Springfield, Ill.
Fetzer, G. W., turpentine, Eden, Ga.
Fetzer-Menger Co., contractors, Bessemer Bldg., Pittsburgh, Pa.
Feuchtwanger, L., & Co., acid, 136 Liberty, New York.
Feudtner, Wm., iron, 391 7th, Jersey City, N. J.
Feuerstein, S. B., & Co., printing presses & machy., 542 Jackson blvd, Chicago, Ill.
Feugill, Jno. H., architect, 316 Essex, Lawrence, Mass.
Fewlass-Leen Brass & Iron Co., brass fndrs., 610 E. Front, Cincinnati, Ohio.
Fey Spec. Co., conduit benders, Detroit, Mich.
Feyer Constr. Co., 277 Burgess, St. Paul, Minn.
Fezandie, Felix, color mfr. & imptr., 205 Fulton, New York.
Fiber Barrel Mach. & Mfg. Co., 2516 Jane, Pittsburgh, Pa.
Fiberide Sample Trunk Co., 252 Lafayette, New York.
Fiberlic Co., wall coverings, Camden, N. J.
Fiberloid Co., Indian Orchard, Mass.
Fiberoid Trunk Wks., 4621 B'way, Chicago, Ill.
Fibre Board Box Co., 2622 N. Hancock, Philadelphia, Pa.
Fibre Case & Nov. Co., 274 Church, New York.
Fibre Conduit Co., Orangeburg, N. Y.
Fibre Container Co. of Pa., Manayunk, Philadelphia, Pa.
Fibre Corp., paper & pulp mills, Lockport, N. Y.
Fibre Cushion Horse Shoe Co., 88 New Chambers, New York.
Fibre & Fabric, trade publications, 127 Federal, Boston, Mass.
Fibre Fabric Co., White Hall, Md.
Fiber Finishing Co., washers, 117 Lincoln, Boston, Mass.
Fibre Package Co., corrugated paper, 88 Isabella, Detroit, Mich.
Fibre Rock Mfg. Co., packing mfrs., 4566 Silverwood, Phila., Pa.
Fibre Sample Case & Trunk Co., 535 B'way, New York.
Fibre Specialty Mfg. Co., sample cases, Kennett Square, Pa.
Fibre Trunk & Case Co., Nashville, Tenn.
Fibrestone & Roofing Co., 199 10th, San Francisco, Cal.
Fibro Mfg. Co., cane webbing, 9th & Chestnut, Philadelphia, Pa.
Fibro Products Co., candle tubes, New Bedford, Mass.
Fichtenberg, Hans H., soap powder, Merrill Bldg., Wis.
Fichter & Brooker, architects, 2 Nat'l. Bk. Bldg., Akron, Ohio.
Ficken, H. Edwards, architect, 10 W. 22d, New York.
Ficken, Wm. H., htg. contrs., 232 Robinson, Brooklyn, N. Y.
Fickes, H., & Son, contractors, Altoona, Pa.
Fickett, O. A., Co., meat packers, Bangor, Me.
Fickincher, Fred, cornices, Lock Haven, Pa.
Ficks-Reed Co., rattan & reed furniture, children's carriages, 424 Findlay, Cincinnati, Ohio.
Fidalgo Island Packing Co., Anacortes, Wash.
Fidalgo Lumber & Box Co., shooks, Anacortes, Wash.
Fiddelke, H. G., architect, Parkside Bldg., Oak Park, Ill.
Fidelity Brass Mfg. Co., 1001 Washington blvd., Chicago, Ill.
Fidelity & Casualty Co., insurance, 97 Cedar, New York.
Fidelity Chemical Corp., fertilizer mfrs., Houston, Tex.
Fidelity Coal & Supply Co., masons' & bldrs. matls., Lima, Ohio.
Fidelity Constr. Co., Heed Bldg., Philadelphia, Pa.
Fidelity Cotton Oil Co., meal, Houston, Tex.
Fidelity & Deposit Co. (Develop. Dept.), bonding company, Baltimore, Md.
Fidelity Electric Co., dynamo & motor mfrs., Lancaster, Pa.
Fidelity Glass Co., bottles, Tarentum, Pa.
Fidelity Mach. & Mfg. Co., tex. machy., cylinders & dials, knitting machines, etc., 4015 Paul, Fkd., Philadelphia, Pa.
Fidelity Mfg. Co., cotton damasks, Charlotte, N. C.
Fidelity Metal Co., babbit metal, 192 Diamond, Brooklyn, N. Y.
Fieber & Holmes, sashes, doors & blinds, Brookville, Ind.
Fiebing Chemical Co., oils, metal polish, etc., 240 Reed, Milwaukee, Wis.
Fiedler, A. B., & Sons, silk fringes, 367 W. Adams, Chicago, Ill.
Fiedler, Chas. K., architect, David Whitney Bldg., Detroit, Mich.
Flegel, Albert L., Co., architects, 28 E. Jackson blvd., Chicago, Ill.
Fiegle, Geo., contractors, Austin, Tex.
Fiego, Alex. J. R., instruments of precision, Lynn, Mass.
Fiehler, Aug. D., contractor, Youngstown, O.
Field, A. J., & Son, lbr. mfrs., Kings Creek, Ky.
Field, Alfred & Co., core compounds, wholesale hdwe., etc., 93 Chambers, New York.
Field, Barker & Underwood, contractors, 14 S. Penn sq., Philadelphia, Pa.
Field-Brundage Engine Wks., machsts., Jackson, Mich.
Field, C. R., Mfg. Co., children's carriages, Greenfield, Mass.
Field, Chas. H., moulds, ladles & engraving machines, 113 Point, Providence, R. I.
Field & Clarkson, architects, Wheat Bldg., Fort Worth, Tex.
Field Contracting Co., 40 Manhattan av, New York.
Field, D. S., & Levi, lbr., Chattanooga, Tenn.
Field, David W., water filters, Builders' Exch., Philadelphia, Pa.
Field Force Pump Co., Elmira, N. Y.
Field, Jas., Co., tents, Rochester, N. Y.
Field, Julian, & Co., cottonseed oils, Atlanta, Ga.
Field, L. H., Jr., architect, Jackson, Mich.
Field, Robt. B., architect, 30 E. 42d, New York.
Field, R. B., & Co., leather washers, packings & specialties, Worcester, Mass.
Field & Shorb Co., mill & fcty., plumbers' & steam fitters' supplies, Decatur, Ill.
Field, Walter W., & Son, machsts., Cambridge, Mass.
Field & White Co., felt, paper & pulp mills, 116 Nassau, New York.
Field, Wm. H., Co., mill & facty. supplies, 35 Washington, N., Boston, Mass.
Fielder, A. A., Lumber Co., Sherman, Tex.
Fielder & Allen Co., architects & engineers' instr. & supplies, Atlanta, Ga.
Fielder, Elbert O., contractor, Allenhurst, N. J.
Fielding, A., & Bros., tassels, drapery, saddlery, etc., Hoboken, N. J.
Fielding, Fred A., architect, 117 Buffalo av, Paterson, N. J.
Fielding, Harry P., architect, 97 College av, Troy, N. Y.
Fielding, Mantle, architect, 518 Walnut, Philadelphia, Pa.
Fielding & Shepley, bldg. contrs., 216 W. University av, St. Paul, Minn.
Fieldner & Son, lumber, Ney, Ohio.
Fields Brick Co., Chester, Pa.
Field's, Chas. J., Sons, wholesale hdwe., 633 Market, Phila., Pa.
Fields, E. Stanley, architect, Reserve Bank Bldg., Kansas City, Mo.
Fields, L. C., flour, McHenry, Ga.
Fields Mfg. Co., woolen blankets, Mouth of Wilson, Va.
Fieldstein, J. Ethan, architect, Hale Bldg., Philadelphia, Pa.
Fiers, W. T., machsts., Red Key, Ind.
Fifer & Beatty, mill & facty. supplies, Front & Lehigh av, Philadelphia, Pa.
Fifield Bros. Co., mill & facty. supplies, Augusta, Me.
Fifield, E. L., whol. lumber, Monadaock Bldg., San Francisco, Cal.
Fifield Lumber Co., sash, door & blind, Janesville, Wis.
Fifth Avenue Coal Co., masons' & bldrs.' matls., 5th av & Big Four, Columbus, Ohio.
Figg, L. R., & Co., contractors, Louisville, Ky.
Figge, Fred, Co., meat packers, 285 Atlantic av, Brooklyn, N. Y.
Figge & Hutwelker Co., meat packers, 621 W. 40th, New York.
Figlinolo, J., contractor, 719 Union av, New York.
Figueria Cut Glass Co., Hammonton, N. J.
Fike, H. P., & Co., architects, Peru, Ind.
Filament Supply Co., Hoboken, N. J.
Filbert Paving Co., Old Builders Exchange, Baltimore, Md.
File & Alexander, contrs., Decatur, Ill.
File, D. A., & Co., contrs., Fitzsimons Bldg., Pittsburgh, Pa.
Filer, Edw. T., sash, door & blind mfrs., 5503 Washington Bl., Chicago, Ill.
Filer & Stowell Co., engines, pumps, saw mill machy., etc., 219 Beecher, Milwaukee, Wis.
Filer, W. H., brick, Grove City, Pa.
Fileri, Christian, Co., sash, door & blind mfrs., 1352 Genesee, Buffalo, N. Y.
Filice & Perrelli Canning Co., Gilroy, Cal.
Filion Mill & Lumber Co., Port Angeles, Wash.
Filip, Meydrech & Co., sash, door & blind mfrs., 1420 W. 21st, Chicago, Ill.
Filkins, O. B., buckwheat flour, Stanton, Mich.
Fill, S. M., architect, Chula Vista, Cal.
Fillgrove, Louise A., cornices & skylights, Ironton, Ohio.
Fillion, Jos., cornices, North Platte, Neb.
Fillion, S. O., raw mica, 68 Murray, New York.
Fillmore Av. Fdry. & Iron Wks., Buffalo, N. Y.
Filoon, V. & F. W., Co., boot counters, Brockton, Mass.
Filson, A. R., & Son, contrs., Bellefontaine, Ohio.
Filtham, George, architect, 262 Central av, St. Petersburg, Fla.
Fimiani, Joseph, & Son, contrs., 483 Breckinridge, Buffalo, N. Y.
Finch, D. C., turpentine, Rocky Ford, Ga.
Finch, E. N., architect, Peoples' Bk. Bldg., Wilkes-Barre, Pa.
Finch, J. H., Co., machsts., 24 Beach, Boston, Mass.
Finch Mfg. Co., mining machry., Scranton, Pa.
Finch, Pruyn & Co., paper & pulp mills, Glens Falls, N. Y.
Finch, T. A., flour, Eupora, Miss.
Fincham, C. T., architect & contractor, Moore Bldg., San Antonio, Tex.
Finck, J. C., Mine & Milling Co., barytes, 101 Barton, St. Louis, Mo.
Finck & Oldroyd, silver nov., Elizabeth, N. J.
Fincke, Oscar, bar fix., 1916 Bryant, San Francisco, Cal.
Findeisen & Kropf Mfg. Co., plumbers' wood work, 2559 W. 21st, Chicago, Ill.
Findeisen & Kropf Mfg. Co., plumbers' wood wk., auto. windshields, etc., 2559 W. 21st, Chicago, Ill.
Findlater Hardware Co., San Angelo, Tex.
Findlay Carriage Co., Findlay, Ohio.
Findlay Clay Pot Co., Findlay, Ohio.
Findlay Electric Porcelain Co., Findlay, Ohio.
Findlay, Robt., Mfg. Co., elec. light fix. mfrs., 28 Warren, New York.

Findley Elec. Co., armatures, 215 S. 5th, Minneapolis, Minn.
Findley, H. L. Co., contractors, Noblesville, Ind.
Findling, H. M., cornices, Valparaiso, Ind.
Findorff, J. H., bldg. contr., Madison, Wis.
Fine, Horace E. Co., monograms, Trenton, N. J.
Finger & Bailey, architects, Kress Bldg., Houston, Tex.
Fingerhut, Ed., elec. light fix. mfrs., 1206 N. 4th, Phila., Pa.
Fingerle, Jno. C., machsts. & fndrs., Mason, Mich.
Fingles, W. A., cornices, 29 S. Howard, Baltimore, Md.
Finigan, Zabriskie Co., machsts., Paterson, N. J.
Fink, A., & Sons, meat packers, Newark, N. J.
Fink, Adam, cotton damasks, Orthodox & Large, Phila., Pa.
Fink, Alexander W., mach. & fndr., Converse, Ind.
Fink Bros., contractors, 302 Central av, Albany, N. Y.
Fink, Chas. A., architect, 14 Wells, Milwaukee, Wis.
Fink, F. B., Instrument Co., 804 Pine, St. Louis, Mo.
Fink, Philip, & Sons, cornices, 213 S. 1st, Louisville, Ky.
Fink, W. A., architect, 426 Franklin Reading, Pa.
Finke Bros., cooperage stock, Portland, Ore.
Finke, Engng. Co., contrs., 1533 Germantown, Dayton, Ohio.
Finke Mfg. Co., arch'l. modelers & sculptors, 83 Plane, Newark, N. J.
Finkel, Maurice H., architect, Ehrlich Bldg., Detroit, Mich.
Finkell-Hackmeister Chemical Co., nickel salts, 1910 Forbes, Pittsburgh, Pa.
Finkell, Wm. T., nickel salts, 103 Maiden la, New York.
Finkelstein & Co., window display fixtures, 48 Mangin, New York.
Finkelstein, M., cornices, 37 Spring, Boston, Mass.
Finkensieper, Benj., architect, 134 Broadway, Brooklyn, N. Y.
Finkl, A., & Sons, drop forgings, 1326 Cortland, Chicago, Ill.
Finkle, A. N., lumber, Spring Mills, Pa.
Finkle, J. J., contractor, Gloversville, N. Y.
Finlay & Robb, cornices & skylights, Seattle, Wash.
Finlayson, Frank L., architect, 2 W. 45th, New York.
Finlayson Tool Co., well drilling machy., Tulsa, Okla.
Finley Canning & Mfg. Co., Ozark, Mo.
Finley & Son, mill & facty. supplies, Dalton, Ga.
Finn, Alfred G., architect, 716½ Main, Houston, Tex.
Finn, E. D., Construction Co., Dime Bk. Bldg., Detroit, Mich.
Finn, Geo. M., soap, 427 E. Water, Syracuse, N. Y.
Finn, Jas. E., bldg. & general contrs., Geneva, N. Y.
Finn, James J., & Son, contractors, 9 Cuyler av, Albany, N. Y.
Finn, John & Co., contractors, 234 E. Fort, Detroit, Mich.
Finn, Jno., Metal Works, 384 2nd, San Francisco, Cal.
Finn, P. W., & Son, contrs., Altoona, Pa.
Finn, Robert, architect, Free Press Bldg., Detroit, Mich.
Finne & Gjarde, contractors, Northern Bk. Bldg., Seattle, Wash.
Finnegan, Thos. J., heating contractors, Jersey City, N. J.
Finnell, John H., contractor, Niagara Falls, N. Y.
Finneran, Geo., architect, City Hall Annex, Boston, Mass.
Finney, C. H., & Sons, stone, 139 W. 53d, New York.
Finney, G. W., Lumber Co., Odessa, Wash.
Finney, Wm. W., canned goods, Bel Air, Md.
Finnigan, J. J., & Co., tubular boilers, Atlanta, Ga.
Finnila, M. A., brick contr., 9 Douglass, San Francisco, Cal.
Finola Mfg. Co., floor scrubbing machs., Hannibal, Mo.
Finster, C. G., architect, 167 E. Grand av, Detroit, Mich.
Finucane Boiler Wks., Houston, Tex.
Finver Bros. & Co., umbrella mfrs., 126 5th av, New York.
Finzer Bros. Clay Co., brick, Shanesville, Ohio.
Fire Alarm Signal Co., 303 Congress, Boston, Mass.
Fire Creek Coal & Coke Co., Fire Creek, W. Va.
Fire Detecting Wire Co., thermostats, 101 Park Row, New York.
Fire & Gas Appliance Co., valve mfrs., 1906 Wyandotte, Kansas City, Mo.
Fire Gun Mfg. Co., fire extinguishers, 115 4th av, New York.
Fire Prevention Fire Door Mfg. Co., 231 W. 19th, New York.
Fire Proof Sanitary Housing Co., portable houses, Portland, Ore.
Fire Protection & Equipment Co., automatic fire sprinklers, 23 Minna, San Francisco, Cal.
Fire & Water Engng., trade publication, 154 Nassau, New York.
Firebaugh, D. W., canned goods, Fincastle, Va.
Firebaugh, W. H., canned goods, Troutville, Va.
Firestone Tire & Rubber Co., Akron, Ohio.
Firex Mfg. Co., fire extinguishers, 2039 S. Morgan, Chicago, Ill.
Firm L'br. Co., Hattiesburg, Miss.
Firsching, J. A., textile machinery, 614 Broad, Utica, N. Y.
First Avenue Brick & Tile Co., Evansville, Ind.
Firstenberg, J., advtg. spec., 332 East 48th, New York.
Firth-Sterling Steel Co., McKeesport, Pa.
Firth, Wm., tex. mach'y supplies, etc., 200 Devonshire, Boston, Mass.
Fischback Mfg. Co., machsts. & fndrs., Peoria, Ill.
Fischbeck Soap Co., 17th & Rhode Island, San Francisco, Cal.
Fischer, Adam E., architect, 373 Fulton, Brooklyn, N. Y.
Fischer, Adam, Mfg. Co., massage vibrators, St. Louis, Mo.
Fischer Bros., store fixtures, 5 E. 137th, New York.
Fischer Bros. & Corwin, egg beaters, sink brushes, broom covers, etc., 635 N. 3d, Newark, N. J.
Fischer Can Co., Hamilton, Ohio.
Fischer, Chas., Spring Co., flexible shafts, metal nov. & specialties, wire springs, etc., 473 Kent av, Brooklyn, N. Y.
Fischer, F. L., contractor, 2004 Watson, Pittsburgh, Pa.
Fischer & Flohr, hog rings, Bucyrus, Ohio.
Fischer Foundry Co., 1615 Roland, Pittsburgh, Pa.
Fischer, Fred'k Wm., architect, 9154 Commercial av, Chicago, Ill.
Fischer, Geo., & Co., contractors, 406 12th av, Long Island City, N. Y.
Fischer, Geo. J., architect, 406 12th av, Astoria, N. Y.
Fischer, Henrich Co., soap, 2715 Colerain av, Cincinnati, Ohio.
Fischer, H. G., & Co., therapeutic lamps, 2341 Wabansic av, Chicago, Ill.
Fischer & Hayes Rope Co., 602 W. Lake, Chicago, Ill.
See adv. index at end of book.
Fischer, J. A., contractors, Atlanta, Ga.
Fischer, J. & C., pianos, 417 W. 28th, New York.
Fischer, & Jirouch Co., archl. modelers, 4821 Superior av., Cleveland, Ohio.
Fischer, L. A., & Co., masons' & bldrs.' matls., Bradford, Pa.
Fischer Leaf Co., stove mfrs., Louisville, Ky.
Fischer Lime & Cement Co., Memphis, Tenn.
Fischer L'br. Co., Marcola, Ore.
Fischer Machine Co., machsts, 310 N. 11th, Philadelphia, Pa.
Fischer Mach. Wks., 1845 Carroll av, Chicago, Ill.
Fischer, Philip, architect, 514 Dodge, Buffalo, N. Y.
Fischer Special Mfg. Co., screw machine products, 2076 Reading rd, Cincinnati, Ohio.
Fischer-Sweeney Bronze Co., alum. castings & rods, Hoboken, N. J.
Fischer, Wm. G., Stove & Range Co., 328 Plum, Cincinnati, Ohio.
Fiscus, W. J., cornices & skylights, Findlay, Ohio.
Fish, A. E., & Co., machsts., Denver, Colo.
Fish, A. E. & Co., screens—window & door, Keene, N. H.
Fish Brush Factory, 4700 Lorain av, Cleveland, Ohio.
Fish, Charles R., & Co., architects, Worcester, Mass.
Fish, E. M., Co., bldg. contrs., Eau Claire, Wis.
Fish, F. S., architect, Superior Bldg., Cleveland, Ohio.
Fish, Ferd, architect, Larchmont, N. Y.
Fish, G. R., wood handles, Hancock, N. Y.
Fish, H. A., & Co., masons' & bldrs.' matls., Elmira, N. Y.
Fish Hardware Co., Cloquet, Minn.
Fish & Horton Co., cabinets, panelboard, 133-135 Mill, Rochester, N. Y.
Fish & Hunter Co., sashes, doors & blinds, Deadwood, S. D.
Fish, James, contrs., Stapleton, N. Y.
Fish, M. J., & Son, contractors, 114 State, Boston, Mass.
Fish Rotary Oven Co., Walworth, Wis.
Fish Stone Co., West of Canal, Columbus, Ohio.
Fishbein Bros., 85 Mercer, New York.
Fishburn, W. H., Mfg. Co., screens, Denver, Colo.
Fishel & Marks, iron & steel, 3018 E. 55th, Cleveland, O.
Fishel-Nessler Co., silver nov., 184 5th av, New York.
Fisher, A., machsts. & fndrs., Macomb, Ill.
Fisher, A. B., Co., machsts. & fndrs, 18 Dunham pl, B'klyn, N. Y.
Fisher, Aaron, stone producers, Delphos, Ohio.
Fisher & Aitken, architects, Idaho Falls, Idaho.
Fisher, Albert, carriages, 460 E. Grand blvd., Detroit, Mich.
Fisher, Albert J., & Son, architects, 4007 N. Robey, Chicago, Ill.
Fisher, Alex, machsts., Shawnee, Okla.
Fisher, Alfred, furnaces, 1453 Austin av, Chicago, Ill.
Fisher Auto Top Co., Norwalk, Ohio.
Fisher, B. E., & Co., folding paper boxes, 117 N. 5th av, Chicago, Ill.
Fisher Bagasse Furnace Co. (Ltd.), New Orleans, La.
Fisher Body Corp., auto. bodies, Oakland & Piquette, Detroit, Mich.
Fisher Box Co., packing, Menominee, Mich.
Fisher Brass Fdry. Co., Milwaukee, Wis.
Fisher Bros., architects, Pontiac, Mich.
Fisher Bros. Co., steam fitters' supplies, Astoria, Ore.
Fisher, Carozza Bros. & Co., contractors, Equitable Bldg., Baltimore, Md.
Fisher Carriage & Wagon Wks., Sedalia, Mo.
Fisher, Charles H., masons' & bldrs.' materials, Reading, Pa.
Fisher, Chase Mfg. Co., fuse boxes & disconnecting switches, 118 Parsons av, Columbus, Ohio.
Fisher, Churchill Co., masons' & bldrs.' matls., Dedham, Mass.
Fisher, Clellan Waldo, architect, 58 Front, Worcester, Mass.
Fisher & Davis Mfg. Co., mill & facty. supplies, 934 N. 1st, St. Louis, Mo.
Fisher Devore Construction Co., builders, etc., Cincinnati, Ohio.
Fisher, E. J., & Co., scrap iron, Wilkes-Barre, Pa.
Fisher, E. W., Co., steam fitters' supplies, 811 Superior av, NE., Cleveland, Ohio.
Fisher Electrical Wks., dynamo mfrs., Detroit, Mich.
Fisher, Francis J., masons' & bldrs.' matls., 2663 Blake, Denver, Colo.
Fisher, Geo. A., Co., contractors, 600 W. 144th, New York.
Fisher, Geo. H., Jr., architect, 224 Manson pl, Plainfield, N. J.
Fisher, Governor Co., machsts. & fdrs., Marshalltown, Ia.
Fisher, Gurdon R., architect, Newton Highlands, Mass.
Fisher, Henry, architect, 97 Main av, Vineland, N. J.
Fisher, H. Messinger, architect, 483 Bloomfield av, Montclair, N. J.
Fisher, Homer, architect, Anaconda, Mont.
Fisher, J. L., canned goods, Boone Mill, Va.
Fisher, Jacob, architect, 25 Av. A, New York.
Fisher Knitting Machine Co., 19 Whitesboro, Utica, N. Y.
Fisher, L., Co., contractors, Waltham, Mass.
Fisher & Lambie, contractors, Austin, Tex.
Fisher Leather Belting Co., 221 N. 3d, Philadelphia, Pa.

Fisher, M., contractor, 687 Mission, San Francisco, Cal.
Fisher Mach. & Tool Co., 102 Broadway, Buffalo, N. Y.
Fisher Machine Works Co., Leavenworth, Kans.
Fisher, Mahlon Leonard, architect, Williamsport, Pa.
Fisher Mfg. Co., ball bearings, East Liverpool, Ohio.
Fisher Mfg. & Fuel Co., masons' & bldrs. matls., Wilmington, O.
Fisher, Martin, architect, 2156 Central av, Cincinnati, O.
Fisher, Martin & Sons, cornices, 438 Pearl, Buffalo, N. Y.
Fisher-Morris Co., store & bar fixtures, Charles City, Ia.
Fisher, Nicholas E., architect, Williamsport, Pa.
Fisher & Norris, anvils, vises, etc., Trenton, N. J.
Fisher, Philip, cornices, 1066 Central av, Cincinnati, Ohio.
Fisher, R. H., contractor, Cedar Rapids, Ia.
Fisher, Richards & Todd, hardware (whol.), Hazleton, Pa.
Fisher, Ripley & Le Boutillier, architects, 45 Bromfield, Boston, Mass.
Fisher & Rohleder, elec. light fix. mfrs., 219 W. Saratoga, Baltimore, Md.
Fisher, S. J., masons' & bldrs.' matls., Union City, Ind.
Fisher, S. L., & Son, contrs., Elizabeth, N. J.
Fisher & Stables, flour mills, Hebron, Va.
Fisher, Thorsen & Co., paint, glass, Portland, Ore.
Fisher, W. H., fndrs., Rebuck, Pa.
Fisher, W. O., brick, Basco, Ill.
Fisher, Arthur A., architect, Century Bldg., Denver, Colo.
Fisher & Wilson Co., lumber, 819 Rockefeller Bldg., Cleveland, O.
Fishers Canning Co., Fishers, Ind.
Fisherville Saw Co., Penacook, N. H.
Fisk, E. W., cream separators, Newark, N. Y.
Fisk Mfg. Co., ladders, washing machs., Churubusco, Ind.
Fisk Mfg. Co., soap, Springfield, Mass.
Fisk Paper Co., Hinsdale, N. H.
Fisk Rubber Co., Chicopee Falls, Mass.
Fiske Bros. Refining Co., oil & grease, 24 State, New York.
Fiske-Carter Construction Co., 11 Foster, Worcester, Mass.
Fiske & Co., masons' & bldrs.' matls., 25 Arch, Boston, Mass.
Fiske Corp., sash, door & blind mfrs., hdwe., Natick, Mass.
Fiske, J. W., Iron Wks., 80 Pk. pl, New York.
Fiske & Meginnis, architects, Bankers' Life Bldg., Lincoln, Neb.
Fissell, Wm. H., & Co., contractors, 1328 Broadway, New York.
Fitall, John C., Co., contractors, 181 Putnam av, Brooklyn, N. Y.
Fitch, C. C., contractor, Norfolk, Va.
Fitch Dustdown Co., sweeping compounds, 1028 W. Front, Cincinnati, Ohio.
Fitch Gear Co., Rome, N. Y.
Fitch, John & Son, cornices & skylights, Millersburg, Ohio.
Fitch, R. F. & W. B. Co., harness mfrs., Oskaloosa, Ia.
Fitch, W. & E. T. Co., fndrs., New Haven, Conn.
Fitchburg Automatic Machine Wks., multiple spindle screw mach. mfrs., Fitchburg, Mass.
Fitchburg Brick Co., Fitchburg, Mass.
Fitchburg Duck Mills, Fitchburg, Mass.
Fitchburg Enamel Co., Fitchburg, Mass.
Fitchburg Fndry Co., Fitchburg, Mass.
Fitchburg Grinding Machine Co., Universal grinders mfrs., Fitchburg, Mass.
Fitchburg Hardware Co., whol. hdwe., masons & bldrs. material, contrs. supplies, Fitchburg, Mass.
Fitchburg Htg. & Plumbing Co., Fitchburg, Mass.
Fitchburg Horn Goods Co., hair pin mfrs., Fitchburg, Mass.
Fitchburg Machine Wks., turning lathes mfrs., Fitchburg, Mass.
Fitchburg Paper Co., Fitchburg, Mass.
Fitchburg Steam Engine Co., Fitchburg, Mass.
Fitchwill, A. & Co., contrs., Shelbyville, Ky.
Fite & Arbelo Co., sash, door & blind, 20th & Glenwood av, Philadelphia, Pa.
Fite Hardware Co., wholesale, Dalton, Ga.
Fitler, Edwin H., Co., cordage & twine mfrs., 517 Arch, Philadelphia, Pa.
Fitts, Frank E., Mfg. & Supply Co., mills & facty. supplies, 88 Purchase, Boston, Mass.
Fitwell Knitting Co., Cohoes, N. Y.
Fitzberger, John, Metal Cornice Co., 18 Clay, Baltimore, Md.
Fitzberger, Thos. F., cornices, 213 Park av, Baltimore, Md.
Fitzdale Paper Co., Fitzdale, Vt.
Fitz-Dana & Brown, tin plate, 441 Pearl, New York.
Fitz Dana & Co., wholesale hdwe., 110 North, Boston, Mass.
Fitzgerald, Chas., architect, Hathaway Bldg., Milwaukee, Wis.
Fitzgerald Cotton Mills, Fitzgerald Ga.
Fitzgerald Cotton Oil Co., Fitzgerald, Ga.
Fitzgerald, D. F., granite, Quincy, Mass.
Fitzgerald, David, cornices, Yonkers, N. Y.
Fitzgerald, Edward P., architect, 340 Main, Worcester, Mass.
Fitzgerald, F. H., architect, Alworth Bldg., Duluth, Minn.
Fitzgerald Iron Works, Fitzgerald, Ga.
Fitzgerald, J. E., Co., contractors, New London, Conn.
Fitzgerald, J. P., contractor, Saratoga Springs, N. Y.
Fitzgerald, J. W., Co., sand dlrs., Savannah, Ga.
FitzGerald, Jas. H., packing box mfr., 417 E. 8th, New York.
Fitzgerald, John J., & Co., masons' & bldrs.' matls., 2d & Butler, Philadelphia, Pa.
Fitz Gerald, John L., journal bearings, castings, etc., Albany, N. Y.
Fitzgerald Laboratories, Niagara Falls, N. Y.
Fitzgerald, M. J., Co., mill & facty. supplies, 252 Lafayette, New York.
Fitzgerald Mfg. Co., battery connectors, auto horns, etc., Torrington, Conn.
Fitzgerald-Speer Co., sash, door & blind, Pen Argyl, Pa.
Fitzgerald Trunk Co., 1214 Wells, Chicago, Ill.
Fitzgerald, W. E., flour, Omaha, Ga.
Fitzgerald, W. H. J., Co., dealers in metal, trades machinery, 30 Oliver, Boston, Mass.
Fitzgerald, W. & Son, contractors, Salem, Mass.
Fitzgerald, Wm. J., contractor, Beloit, Wis.
Fitzgibbon Boiler Co., Oswego, N. Y.
Fitzgibbon & Crisp, wood & metal auto bodies, carriages, Trenton, N. J.
Fitz-Gibbon, J. D., contractor, Chemical Bldg., St. Louis, Mo.
Fitzgibbons Bros., carriages, Monroe, Wis.
Fitzgibbons, Jas., contractor, Ogdensburg, N. Y.
Fitzhenry, E. L. & Co., machsts. & fndrs., 49 Washington, N. Boston, Mass.
Fitzhenry-Guptill Co., spray pumps, 135 First, Boston, Mass.
Fitzhugh & Fitzhugh, architects, Phoenix, Ariz.
Fitzhugh, Thornton, architect, Story Bldg., Los Angeles, Cal.
Fitz-Mahony, Michael J., architect, 109 Broad, New York.
Fitzpatrick Bros., cleaning compounds, 1319 W. 32d pl, Chicago, Ill.
Fitzpatrick, Francis W., architect, 1200 16th, N. W., Washington, D. C.
Fitzpatrick & Hoepfner, contractors, 63 E. Gay, Columbus, Ohio.
Fitzpatrick, J. J., & Sons, contractors, Plattsburg, N. Y.
Fitzpatrick, John, architect, 276 E. 201st, New York.
Fitzpatrick, John, Co., soap, 28th & Western av, Chicago, Ill.
Fitzpatrick, Walter J., stump pullers, 182 5th, San Francisco, Cal.
Fitz Simmons, A. Burch, architect, Bond Bldg., Washington, D. C.
Fitzsimmons & Connell Dredge & Dock Co., 2431 S. Paulina & 10 S. La Salle, Chicago, Ill.
Fitzsimmons, Frank, contrs., Springfield, Ill.
Fitzsimmons, Thos., brick, Prescott, Ariz.
Fitzsimmons, Wm. J., architect, 207 Market, Newark, N. J.
Fitzsimons Co., cold drawn steel mfrs., Youngstown, Ohio.
Fitz Water Wheel Co., Hanover, Pa.
Five & Ten Store Magazine & Variety Review, trade publications, Gerke Bldg., Cincinnati, Ohio.
Fizer, W. E., canned goods, Bedford, Va.
Fix's, S., Sons, steam flue welding, Leonard & Winter, Cleveland, Ohio.
Fixture Specialty Co., shade holders, Los Angeles, Cal.
Fixture Spray Co., pneumatic spray brushes, 545 W. 22d, New York.
Flaccus, C. L., Glass Co., bottles, tex. machy., spinning frames, Empire Bldg., Pittsburgh, Pa.
Flaccus, E. C., Co., canned goods, Wheeling, W. Va.
Flaccus, Wm., Oak Leather Co., blacksmiths' bellows, 1228 River av, Pittsburgh, Pa.
Flach, Ernest, flour, Comfort, Tex.
Flack Bros., masons' & bldrs., matls., East Chicago, Ind.
Flagg, Ernest, architect, 109 Broad, New York.
Flagg, Geo. A., architect, 665 Newark av., Jersey City, N. J.
Flagg, L. G. & Co., glass mosaic wk., Sudbury Bldg., Boston, Mass.
Flagg, Stanley G., & Co., machsts. & fndrs., Morris Bldg., Phila., Pa.
Flagler & Allen, brick, Arlington, N. Y.
Flagler Co., contractors, Atlanta, Ga.
Flahive Constr. Co., 610 S. Broadway, Los Angeles, Cal.
Flambeau Lbr. Co., Lac De Flambeau, Wis.
Flambeau Paper Co., Park Falls, Wis.
Flamboe, A. G. H., architect, Keokuk, Ia.
Flanagan, A., Co., school supplies & specialties, 521 S. Wabash av, Chicago, Ill.
Flanagan & Beidenweg Co., glass stainers, 312 W. Illinois, Chicago, Ill.
Flanagan, Geo. J., school supplies, 515 S. 5th av, Chicago, Ill.
Flanagan, John, Buggy Co., Greenville, N. C.
Flanagan, Jno. J., Jr., stone producers, Lannon, Wis.
Flanagan, M. C., file mfrs., New Haven, Conn.
Flanagan, Stephen, & Sons, contractors, Scranton, Pa.
Flanagan, Wm. contractor, 118 E. 28th, New York.
Flanagan-Zeller Brick Mfg. Co., 1st & Michigan av, Kansas City, Mo.
Flanders, A. F., Mfg. Co., display racks, Buffalo, N. Y.
Flanders, Chas., lbr., Brentwood, N. H.
Flanders Co., auto horns, Detroit, Mich.
Flanders, Geo. L., lbr., Lebanon, N. H.
Flanders Hdwe. Co., North Weare, N. H.
Flanders, J. E., architect, 1320 Puterbough, San Diego, Cal.
Flanegin Hdwe. Co., cornices, Logansport, Ind.
Flanigan, P., & Sons, contractors, Harford rd & B. & O. R. R., Baltimore, Md.
Flanner-Steger Land & Lbr. Co., 28 E. Jackson blvd., Chicago, Ill.
Flanner Water Tube Boiler Co., Second National Bank Bldg., Akron, Ohio.
Flannery Bolt Co., Vanadium Bldg., Pittsburgh, Pa.
Flannery, J. Rogers & Co., lock washers, Vanadium Bldg., Pittsburgh, Pa.
Flannery, P. J., Co., steam cocks, fndrs., New Britain, Conn.
Flannery, P. J., & Son, contractors, Yonkers, N. Y.

Flannery, P., & Son, masons' & bldrs.' matls., State & Belt Line, East St. Louis, Ill.
Flash Chemical Co., soaps, polishes & disinfectants, mfrs., 160 2d, Cambridge, Mass.
Flashtric Sign Wks., 216 N. Clinton, Chicago, Ill.
Flat-Slab Patent Co., concrete floors & arches, 332 So. Michigan av, Chicago, Ill.
Flat-Top Fuel Co., coke, Bluefield, W. Va.
Flater, H., & Son, pumps, Findlay, Ohio.
Flather & Co., machsts., Nashua, N. H.
Flather, E. J., Mfg. Co., gear cutting machines & machine tool mfrs. & fndrs., Nashua, N. H.
Flather Fdry. Co., Nashua, N. H.
Flatley Bros. Co., masons' & bldrs.' matls., Green Bay, Wis.
Flavell Co., tallows, soap powders, Asbury Park, N. J.
Flavell, Geo. W. & Bro., elastic hosiery, 1011 Spring Garden, Philadelphia, Pa.
Flavin, W. H., & Co., plating wks., 247 Centre, New York.
Fleck Bros. Co., plumbers' supplies—jobbers, 44 N. 5th Philadelphia, Pa.
Fleck Carbon Co., 71 W. B'way, New York.
Fleck, Chas. W., cornices, 2016 Cherokee, St. Louis, Mo.
Fleck, M., clothes dryers, cans, etc., 119 E. 131st, New York.
Fleckenstein, Geo. J., brick, Anna, Ohio.
Fleckenstein, V., machsts. & fndrs., Dorchester, Wis.
Fleet, Frank E., Co., patent leather, 112 Beach, Boston, Mass.
Fleet-McGinley Co., R. R. stationery, cor. South & Water, Baltimore, Md.
Fleetwood Metal Body Co., Fleetwood, Pa.
Fleig, L. L., & Co., 212 W. Austin av, Chicago, Ill.
Fleischer, Ernst, Knitting Co., sweaters, etc., 379 11th av., Milwaukee, Wis.
Fleischman, Jno L., lbr. mfrs., Saginaw, Mich.
Fleischmann Constr. Co., 531 7th av, New York.
Fleishhacker, A., & Co., folding paper boxes, 401 2d, San Francisco, Cal.
Fleissner, Chas., leather embossing plates, 121 N. J. R. R. av, Newark, N. J.
Fleming, Alfred J., stone, sand & gravel dlrs., 109 Broad, New York.
Fleming, Arch, flour mills, Fairmont, W. Va.
Fleming Bros. Co., masons' & bldrs.' matls., Denver, Colo.
Fleming, Bryant, architect, Prudential Bldg., Buffalo, N. Y.
Fleming & Co., canned goods, S. W. cor. Cross & Race, Baltimore, Md.
Fleming & Co., Masons' & bldrs.' matls., 253 B'way, New York.
Fleming, E. L., flour, Middleburg, N. C.
Fleming Fdry. Co., Springfield, Mass.
Fleming, J. H., & Son, stone producers, Henderson, Ky.
Fleming, Jas., cornices & skylights, Lansing, Mich.
Fleming, John G., & Son, paper & pulp mills, Dallas, Tex.
Fleming Lumber & Merc. Co., Red Cliff, Colo.
Fleming, Otto, medical batteries, 1028 Arch, Philadelphia, Pa.
Fleming & Sons Mfg. Co., agricl. implements, Huntsville, Mo
Fleming, T. B., Dearing Hardware Co., Athens, Ga.
Fleming Tank Co., Inc., wooden tanks, 315 Liberty, Pittsburgh, Pa.
Fleming, Wm. H. Irwin, architect, 1504 H, N. W., Washington, D. C.
Fleming, Willis N., architect, Natick, Mass.
Fleming's, Wm., Sons, tubular boilers, New Castle, Pa.
Flemington Mill Co., flour, Flemington, W. Va.
Flemins, C. C., contractor, 204 Omega, Pittsburgh, Pa.
Flemish Lynn Phonograph Co., talking machs., 269 37th, Brooklyn, N. Y.
Flemming Tank Co., wood, 3115 Liberty, Pittsburgh, Pa.
Flenen, L., Jr., architect, 3697 Boulevard, Jersey City, N. J.
Flentje, Ernest, shock absorber mfrs., 1643 Cambridge, Cambridge, Mass.
Flesher, Chas. H., machsts., Dunkirk, N. Y.
Fleshman, H. P., canned goods, Troutville, Va.
Fletcher, Arthur G. C., architect, Park av & 41st, New York.
Fletcher & Crowell Co., machsts. & fndrs., Portland, Me.
Fletcher, E. F., architect, Independence, Kans.
Fletcher, E. R., granite producer, Hardwick, Vt.
Fletcher, E. R., machsts., Bloomington, Ind.
Fletcher Furniture Co., Nashua, N. H.
Fletcher, Geo. N., & Sons, lbr. mfrs., Alpena, Mich.
Fletcher Guano Co., Columbus, Ga.
Fletcher, H. B., architect, 306 North Sta., Boston, Mass.
Fletcher, H. E., Co., crushed stone, contractors, West Chelmsford, Mass.
Fletcher, H. N., granite producers, Graniteville, Mass.
Fletcher, John C., machsts., McColl, S. C.
Fletcher-Lahey Co., contractors, 31 State, Boston, Mass.
Fletcher Lumber Co., Ottumwa, Ia.
Fletcher Mfg. Co., brackets, guy clamps, insulators, pulleys, etc., Dayton, Ohio.
Fletcher Mfg. Co., machsts. & fndrs., Newport, Ky.
Fletcher Paper Co., Alpena, Mich.
Fletcher, R. E., contrs., Plant City, Fla.
Fletcher & Robbins, contractors, Augusta, Me.
Fletcher, Robert C., architect, 179 W. Washington, Chicago, Ill.
Fletcher, Terry Co., glass cutters, putty knives, can openers, etc., Forestville, Conn.
Fletcher, Thompson, Inc., archts. & mill engrs., Bridgeport, Conn., & 207 Market, Newark, N. J.
Fletcher, W. A., machst. & fndr., Clarksville, Mo.
Fletcher, W. & A., Co., machsts. & fndrs., Hoboken, N. J.
Fletcher, W. B., & J. A., meal, McColl, S. C.
Fleurant, J. F., & Son, contractors, Woonsocket, R. I.
Flexible Armored Hose Co., Buffalo, N. Y.
Flexible Bolt Co., Thompson av, Pittsburgh, Pa.
Flexible Compound Co., paint & varnish mfrs., 3607 Haverford, Philadelphia, Pa.
Flexible Paint Co., Huntington, Ind.
Flexible Steel Lacing Co., lamp guards, 522 S. Clinton, Chicago, Ill.
Flexitallic Gasket Co., Camden, N. J.
Flexlume Sign Co., 1453 Niagara, Buffalo, N. Y.
Flexner-Taylor Co., Ltd., fireproofing & waterproofing materials, 786 E. B'way, S. Boston, Mass.
Flexo Coupling Co., Montclair, N. J.
Flexo Mfg. Co., airplane radiators, 1312 E. 12th, Los Angeles, Cal.
Flexol Co., waterproofing materials, 31 W. 31st, New York.
Flexotile Floor Co., Rockford, Ill.
Flexstone Construction Co., sanitary composition flooring, Hartman Bldg., Columbus, Ohio.
Flick, Ira C., architect, Snow Bldg., Syracuse, N. Y.
Flick, J. H., Construction Co., 37 W. Van Buren, Chicago, Ill.
Flick & Simons, contrs., Nazareth, Pa.
Flickinger Bros., machsts., Hanover, Pa.
Flickinger, J. H., Co., canned goods, San Jose, Cal.
Flickinger, Jno. D., machsts., Hanover, Pa.
Flickinger & Miller, carriages, Fort Scott, Kans.
Flickner, J. O., & Sons, horse collars, Evansville, Ind.
Flickwir & Bush, contractors, 1 Madison av, New York.
Fligeltaub, Hy., scrap iron & steel, Evansville, Ind.
Flinn & Breneman, htg. contrs., Lancaster, Pa.
Flinn & Dreffein Co., furnaces, gas producers, etc., 431 S. Dearborn, Chicago, Ill.
Flinn, Richard J., steam traps, W. Roxbury Sta., Boston, Mass.
Flinn & Treacy, contractors, 1st Natl. Bk. Bldg., San Fran., Cal.
Flint, A. A., lbr. mfrs., Tyngsboro, Mass.
Flint, A. W., & Co., ladders, New Haven, Conn.
Flint Brick Co., Des Moines, Ia.
Flint & Chester, mill & facty. supplies, 237 Lafayette, New York.
Flint Coal Co., masons' & bldrs.' matls., Flint, Mich.
Flint, Dayton Co., contractors, 335 Chene, Detroit, Mich.
Flint Elec. & Mfg. Co., snap switches, Denver, Colo.
Flint, F. W., architect, Brandon, Vt.
Flint, Geo. C., Co., interior hardwood wk., 20 W. 36th, New York.
Flint Hill Cooperage & Lbr. Co., Flint Hill, Va.
Flint Hollow Canning Co., Seymour, Mo.
Flint Lumber Co., Flint, Mich.
Flint, N. R., wood handles, East Hiram, Me.
Flint Pattern & Foundry Co., Flint, Mich.
Flint River Brick Co., Albany, Ga.
Flint River Cotton Mills, cotton sheetings, Albany, Ga.
Flint River Milling Co., flour, Bainbridge, Ga.
Flint Sandstone Brick Co., Flint, Mich.
Flint Specialty Co., whip sockets, Flint, Mich.
Flint Varnish & Color Wks., Flint, Mich.
Flint & Walling Mfg. Co., mill & factory supplies & agri'l implements, Kendallville, Ind.
Flint, Warren F., Co., makers of steel wires, brushes, 220 Franklin, Boston, Mass.
Flint, Wyman, & Sons Co., paper & pulp mills, Bellows Falls, Vt.
Flintkote Co., asphalt shingles & prepared roofing mfrs., 88 Pearl, Boston, Mass.
Flippor, H. O., canned goods, Buchanan, Va.
Flizikowski, John S., architect, 138 N. La Salle, Chicago, Ill.
Flocken, Chas., contractor, Elizabeth, N. J.
Flocker, Jno., & Co., mill & facty. supplies, 957 Liberty, Pittsburgh, Pa.
Floete Lbr. Co., Spencer, Iowa.
Floeter, P. C., architect, Bay City, Mich.
Flohr, G., Co., cornices & skylights, Mansfield, Ohio.
Flomaton F'ndry Co., Flomaton, Ala.
Flood City Mfg. Co., machsts., Johnstown, Pa.
Flood & Conklin Co., enamels, varnishes, etc., 132 Chestnut, Newark, N. J.
Flood, Edw. F., & Co., caskets, etc., 24 Essex, Newark, N. J.
Flood, Geo. S., & Co., masons' & bldrs.' matls., Waterville, Me.
Flood & Van Wirt Co., contractors, Hudson Falls, N. Y.
Flood, Walter H., chemical engr., 3725 Langley av, Chicago, Ill.
Floodberg & McCaffery, contractors, Monadnock Bldg., San Francisco, Cal.
Floor-Shine Mfg. Co., 2744 Olive St. Louis, Mo.
Flor, Edw., saddletrees, Demorest, Ga.
Flora, G. B., & Sons, canned goods, Wirtz, Va.
Flora Saw Mill Co., lbr., Flora, Ind.
Florance Bros. Mfg. Co., sash, doors & blinds, Paterson, N. J.
Florence, B. D., & Son, flour mills, New Haven, Ky.
Florence Column Co., Florence, Ala.
Florence Co., machsts. & fndrs., Florence, Mass.
Florence Furniture Co., caskets, coffins, Florence, Mass.
Florence Ginning & Milling Co., flour, Florence, S. C.
Florence Iron Co. of Wisc., 25 Broad, New York.
Florence Iron Wks., machsts. & fndrs., 400 Chestnut, Phila., Pa.
Florence Knitting Mills, sweaters, etc., Lehigh & Nutter, Philadelphia, Pa.

Florence Mach. Co., polishing machs., Florence, Mass.
Florence Mach. & R. R. Supply Co., Florence, Ala.
Florence Mfg. Co., metal nov. & specialties, Florence, Mass.
Florence Mills, cotton sheeting, Forest City, N. C.
Florence Silver Plate Co., 108 W. Lombard, Baltimore, Md.
Florence Table & Lbr. Co., Memphis, Tenn.
Florence Thread Co., Florence, N. J.
Florence Wagon Co., Florence, Ala.
Florentine Alabaster Cement Art Wks., 353 N. State, Chicago, Ill.
Florentine Art Plaster Co., 2208 Chestnut, Philadelphia, Pa.
Florentine Brotherhood, brass fndrs., 842 Exchange av, Chicago, Ill.
Florentine Pottery Co., Chillicothe, Ohio.
Florey Bros., pianos, Washington, N. J.
Florey's Brick Wks., East Downington, Pa.
Florida Auto & Gas Engine Co., Tampa, Fla.
Florida Cotton Oil Co., cottonseed meal, Chattanooga, Tenn.
Florida Crushed Rock Co., Tampa, Fla.
Florida Electric & Machy. Co., Lakeland, Fla.
Florida Fertilizer Co., Gainesville, Fla.
Florida Hardware Co., Jacksonville, Fla.
Florida Land Co., lumber, Montbrook, Fla.
Florida Lime Co., Ocala, Fla.
Florida Mach. Wks., brass castings, Jacksonville, Fla.
Florida Mfg. Co., meal, Madison, Fla.
Florida Metal Products Co., Jacksonville, Fla.
Florida Mining Co., phosphate rock miners, 61 Broadway, New York.
Florida Phosphate Mining Corp., Bartow, Fla.
Florida Pine Co., lumber, Jacksonville, Fla.
Florida Pitch Pine Lumber Co., Fernandina, Fla.
Florida Spring Bed Mfg. Co., Jacksonville, Fla.
Florida Tie & Lumber Co., Jacksonville, Fla.
Florida Trunk Mfg. Co., Jacksonville, Fla.
Florida Wood Products Co., Jacksonville, Fla.
Florida Woodenware Co., Palatka, Fla.
Floridin Co., fullers earth, Warren, Pa.
Florin, Philip, advtg. nov., 465 Broome, New York.
Florists' Exchange, trade publication, 448 W. 37th, New York.
Flory, S. Mfg. Co., slate & stone machinery & hoisting engines, Bangor, Pa.
Flosson Lunch Wagon Co., Westfield, N. Y.
Fostoria Stave & Barrel Co., cooperage stock, Fostoria, Ohio.
Flota Mica Sales Co., lubricants, Moffat Bldg., Detroit, Mich.
Floto Bros. Constr. Co., Steubenville, Ohio.
Floto, Julius, architect, Austin, Ill.
Flottemesch, H., canned goods, Magnolia, Md.
Flounders Bros., contrs., Media, Pa.
Flounders, Jas. B., contractor, 1329 Arch, Philadelphia, Pa.
Flounders, Newton, architect, Media, Pa.
Flour City Ornamental Iron Wks., 27th & 27th av, Minneapolis, Minn.
Flour City Trunk Co., 115 2d av. S. E., Minneapolis, Minn.
Flournoy, Addison H., landscape architect, McClean Bldg., Washington, D. C.
Flournoy, David, brick, Evergreen, La.
Flournoy & Flournoy, archts., McClean Bldg., Washington, D. C.
Flower City F'dry Co., Rochester, N. Y.
Flower City Plant Food Co., Rochester, N. Y.
Flower City Tissue Mills Co., Rochester, N. Y.
Flower Lumber Co., Jakin, Ga.
Flower, Stephens Mfg. Co., machsts. & fndrs., Detroit, Mich.
Flower, Walter L., Co., oil filters, 307 S. 8th, St. Louis, Mo.
Flower Waste & Packing Co., cotton waste packing, 30 Church, New York.
Flowers, E. P., & Co., lumber mfrs., Montgomery, Ala.
Flowers Fndry. Co., Harmony, Pa.
Flowery Branch Gin & Oil Co., Flowery Branch, Ga.
Floyd Cotton Mills, Rome, Ga.
Floyd & Lee, turpentine, Thomasville, Ga.
Floyd, W. H., architect, 656 Wabash av, Terre Haute, Ind.
Floyd, Warren L., architect, 124 Stevens, Lowell, Mass.
Floyd-Wells Co., stove mfrs., Royersford, Pa.
Fluck, Hugh W., stone, 7306 Kimbark av, Chicago, Ill.
Fludder, A. J., contractor, Newport, R. I.
Fluegel, Anton, archl. iron, 219 Cook, Brooklyn, N. Y.
Flugger, Jno. C., architect, 766 Second av, San Francisco, Cal.
Fluhrer, Lewis P., Co., contractors, 220 W. 42d, New York.
Fluke, J. B., & Son, contractors, Altoona, Pa.
Fluke, P. M., canned goods, Blue Ridge Springs, Va.
Fluor Bros. Const. Co., bldg. contrs., Oshkosh, Wis.
Fluor-Spar Waterproofing & Constr. Co., 366 B'way, New York.
Flurie, E. E., brick, New Cumberland, Pa.
Flury, Geo. B., contractor, 1138 S. 22d, Philadelphia, Pa.
Flushing Canning Co., Flushing, Mich.
Flushvalve Co., flushing valves, 245 Centre, New York.
Fluskey, J. B., tubular boilers, Pier 4, Pratt, Baltimore, Md.
Fly Swatter Mfg. Co., Canton, Ohio.
Flygare & Barnes, machsts. & fndrs., Connell, Wash.
Flynn Bros., brass fndrs., Hoboken, N. J.
Flynn Bros. Brush Mfg. Co., Troy, N. Y.
Flynn & Doyle Co., carriages, Bantam, Conn.
Flynn & Emrich Co., machinery manfrs., Baltimore, Md.
Flynn, John J., Co., contractors, Washington, Salem, Mass.
Flynn, M. W., granite, Westerly, R. I.
Flynn, T. J., Metal Wks., Cambridge, Mass.
Flynn, W. S., clarifiers, condensers & stills, 76 Hudson, Jersey City, N. J.
Flynn, Wm. F., & Son, cornices & skylights, Attleboro, Mass.
Flynt Building & Construction Co., Palmer, Mass.
Flynt, W. N., Granite Co., crushed stone, Monson, Mass.
F. & N. Lawn Mower Co., Richmond, Ind.
Foale, F. A. S., architect, Ochsner Bldg., Sacramento, Cal.
Foamite Fire Extinguisher Co., 200 5th av, New York.
Foard-Barstow Ship Chandlery Co., mill & facty. supps., San Francisco, Cal.
Foard, S. B., canned goods, Rocks, Md.
F. & O. Cedar Wks. (Ltd.), 49 Murray, New York.
Focht, Geo., Sons, fndry. barrows, machsts., 117-119 Adams, Hoboken, N. J. *See adv index at end of book.*
Focht, L. H., & Son, contractors, Reading, Pa.
Fockens, R., architect, 7 Water, Boston, Mass.
Focke's, Wm., Sons Co., meat packers, Dayton, Ohio.
Foco Oil Co., lubrg., Franklin, Pa.
Foehringer, Fred'k W. L., architect, 186 N. La Salle, Chicago, Ill.
Foell, August, architect, 3349 California av, St. Louis, Mo.
Foell Supply Co., canned goods, 331 W. 22d pl, Chicago, Ill.
Foeller & Schober, architects, Green Bay, Wis.
Foerst, John, & Sons, fuel oil burners, Bayonne, N. J.
Foery & Kastner, contractors, Rochester, N. Y.
Fogarty, Jas. H., traps, heaters, regulators, 126 Liberty, New York.
Fogarty, M. J., machsts., 40 Harrison, Brooklyn, N. Y.
Fogarty, Michael, tubular boilers, 531 W. 33d, New York.
Fogarty, Philip, & Co., sink brushes, 49 Wyona, Brooklyn, N. Y.
Fogerty, Wm. J., heating contr., 26 Peck, Providence, R. I.
Fogg, Alman H., Co., whol. hdwe., Houlton, Me.
Fogg, Arthur A., patterns & models, Meriden, Conn.
Fogg, Ezra D., Co., lbr. mfrs., New Haven, Conn.
Fogg & Hires Co., canned goods, Salem, N. J.
Fogg, M. W., boat cushions, mattresses, 202 Front, New York.
Fogle Bros. Co., contractors, masons' & bldrs.' matls., Winston Salem, N. C.
Fogle Const. Co., contrs., Reliance Bldg., Kansas City, Mo.
Fogliasso-Clement Bldg. Co., 197 Bleecker, New York.
Foidel, S., canned goods, Knoxville, Ia.
Foil Bros., flour, Mt. Pleasant, N. C.
Foisher Bros. Paper Co., pads & tablets, Fort Wayne, Ind.
Folberth Auto Specialty Co., carbureters, 7914 Lake av, Cleveland, Ohio.
Fold Easy House Mfg. Co., chairs, swings, etc., McClure, Pa.
Folding Mattress Co., New Haven, Conn.
Folding Partition Co., 200 Broadway, New York.
Folding Sawing Mach. Co., 161 W. Harrison, Chicago, Ill.
Folding Scaffold Bracket Co., 60 W. Lafayette av, Detroit, Mich.
Foley Bros., bldg. contrs., Gilfillan Blk., St. Paul, Minn.
Foley Bros. Co., stone producers, Olean, N. Y.
Foley Contracting Co., Wabash & Violet, Pittsburgh, Pa.
Foley, D. A., & Co., contractors, Aitkin, Minn.
Foley, E. W., Contracting Corp., Woonsocket, R. I.
Foley, F. W., brass wire, Dollar Bay, Mich.
Foley Fertilizer Co., Foley, Ala.
Foley, John F., stationers' specialties, Attleboro, Mass.
Foley, John J., architect, 46 Kearney, San Francisco, Cal.
Foley, M., Co., contractors, Evanston, Ill.
Foley Supply Co., plumbers', mill & facty. supplies, 327 E. Water, New York.
Foley, T. F., contractor, S. Norwalk, Conn.
Foley, W. E., architect, Baker Blk., Springfield, Mo.
Foley-Wardwell Co., machsts., Cleveland, Ohio.
Foley & Williams Piano Co., 19 W. Jackson blvd, Chicago, Ill.
Foley-Williams Supply Co., machsts. & fndrs., 19 W. Jackson blvd, Chicago, Ill.
Foley-Young & Peabody, contrs., Merchants' Nat'l bldg., St. Paul, Minn.
Folger, Jacob, meat packer, Toledo, Ohio.
Folk Bros., contractors, Findlay, Ohio.
Folk, E. L., Co., whol. hdwe., mill & facty. supplies, masons' & bldrs.' matls., Suffolk, Va.
Folks, T. John, architect, Colt Bldg., Paterson, N. J.
Folland, W. C., architect, W. South Temple, Salt Lake City, Utah.
Follansbee Brothers Co., tin plate & sheet metals, Pittsburgh, Pa.
Folleson, T. E., Fdy. Co., Rockford, Ill.
Follett Time Recording Co., 9 W. Broadway, New York.
Follmer, C. C., & Co., lbr. mfrs., Grand Rapids, Mich.
Follmer, Clogg & Co., umbrella mfrs., 114 5th av, New York.
Follrath, W. D., & Co., cornices, Springfield, Ohio.
Folsom, C. G., Mfg. Co., rural mail boxes, South Bend, Ind.
Folsom, H. & D., Arms Co., whol. h'dwe., 314 B'way, New York.
Folsom, R. L., heating boilers, 235 Congress, Boston, Mass.
Folsom Snow Guard Co., 4 P. O. sq., Boston, Mass.
Folsom & Stanton, architects, 1328 Walnut, Philadelphia, Pa.
Folsom & Tillman Hardware Co., Helena, Ga.
Foltmer, Peter M., sash, door & blind, St. Cloud, Minn.
Foltz, Cyrus, contractor, Swayzee, Ind.
Foltz, D. C., common brick, Dunbar, Pa.
Foltz, Fritz, & Son, architects, 111 W. Washington, Chicago, Ill.
Foltz, Herbert, architect, Lemcke Annex, Indianapolis, Ind.
Foltz Manufg. & Supply Co., mill & facty. supplies, whol., Hagerstown, Md.

Folz, Frank W., & Co., contractors, Dayton & Freeman av, Cincinnati, Ohio.
Foncar, Mary M., patent lthr., Woburn, Mass.
Fond du Lac Church Furniture Co., Fond lu Lac, Wis.
Fonda, F. A., agricultural implements, East Galway, N. Y.
Fonda, W. B. (Est. of), lime mfrs., Saint Albans, Vt.
Fonder, Edw. F., contractor, Land Title Bldg., Philadelphia, Pa.
Fones Bros. Hardware Co., Little Rock, Ark.
Fontaine, B., Hardware Co., Green Bay, Wis.
Fontaine, Walter F., architect, Woonsocket, R. I.
Fontein, Wm., Piano Co., Columbus, Neb.
Foohey, Timothy, Dredging Co., Fort Wayne, Ind.
Fooks Lumber Co., Paducah, Ky.
Foos Gas Engine Co., 800 Monroe, Springfield, Ohio.
Foot, Homer, & Co., mill & facty. supplies & whol. h'dwe., Springfield, Mass.
Foot, M. D., architect, 1432 75th, Brooklyn, N. Y.
Foot Mfg. Co., platers & polishers' supplies, 36 Germania av, Jersey City, N. J.
Foote & Becker, whol. h'dwe., Scranton, Pa.
Foote Bros. Gear & Machine Co., 210-220 N. Carpenter, Chicago, Ill. *See adv index at end of book*
Foote-Burt Co., drilling machines, Cleveland, Ohio.
Foote, C. H., Lumber Co., Scranton & Girard av, Cleveland, O.
Foote, C., Mfg. Co., machsts., Nunda, N. Y.
Foote Concrete Machinery Co., 1324 S. Michigan av, Chicago, Ill.
Foote, D. E., & Co., canned goods, 2039 Aliceanna, Baltimore, Md.
Foote, Headley & Carpenter, architects, Cutler Bldg., Rochester, N. Y.
Foote, J. B., Foundry Co., Fredericktown, Ohio.
Foote & Jones, contrs., Pittsfield, Mass.
Foote Mfg. Co., combination tools, Dayton, Ohio.
Foote, Mark A., railroad brake shoes, Federal Bldg., Chicago, Ill.
Foote Mineral Co. (mineral products mfrs.), 107 N. 19th, Phila., delphia, Pa.
Foote, Pierson & Co., elec'l testing instruments, etc, 160 Duane, New York.
Foote, R. W., architect, 185 Church, New Haven, Conn.
Footes Trunk & Bag Fcty., Atlanta, Ga.
Foran Fndry. & Mfg. Co., Flemington, N. J.
Forbach, Christ, contractor, 204 French, Buffalo, N. Y.
Forbes, A. J., & Son, bank fix., 1530 Filbert, San Francisco, Cal.
Forbes, Benj. P., Co., metal polish, Cleveland, Ohio.
Forbes Boiler & Iron Wks., Peoria, Ill.
Forbes Brass Co., Rochester, N. Y.
Forbes, Chas. M., chemicals, Crocker Bldg., San Francisco, Cal.
Forbes, Chas. W., architect, 837 Elmwood av, Fort Worth, Tex.
Forbes Co., water sterilizers, 1234 Callowhill, Philadelphia, Pa.
Forbes, D. H., cornices & skylights, Topeka, Kans.
Forbes Dry Plate Co., 26 Forbes, Rochester, N. Y.
Forbes E. M., contractor, Norfolk, Va.
Forbes, H. deB., architect, Richmond, Ky.
Forbes, John R., machsts. & fudrs., Jersey City, N. J.
Forbes, J. P., coupon books, Coshocton, Ohio.
Forbes Mfg. Co., wholesale hdwe., Hopkinsville, Ky.
Forbes & Myers, electric grinder mfrs., 169 Union, Worcester, Mass. *See adv index at end of book.*
Forbes, Rich'd J. H., concrete constrn., Monadnock Bldg., San Francisco, Cal.
Forbes, Robt. R., ground connection clamps, Mt. Holly, N. J.
Forbes Silver Co., Meriden, Conn.
Forbes Varnish Co., West Park, Ohio.
Forbes, W. S., & Co., meat packers, Richmond, Va.
Forburger Stone Co., Lincoln, Neb.
Forbush Planing Mill Co., Gowanda, N. Y.
Force, Chas. C., & Son, mill & facty. supplies, Madison, N. J.
Force, W. A., & Co., hand stamp makers' machy., machsts., etc. 535 Pearl, New York.
Forchelmer, Hugo, lumber, Whitney Bldg., New Orleans, La.
Ford, A. H., stone producers, Hulberton, N. Y.
Ford, A. P., & Co., canned goods, Crisfield, Md.
Ford Auger Bit Co., Holyoke, Mass.
Ford, Bacon & Davis Corp., contrs., 115 B'way, New York.
Ford, Boos & Schoof, contractors, Janesville, Wis.
Ford Bros., canned goods, Syracuse, N. Y.
Ford Bros., machsts., 23 Illinois, Buffalo, N. Y.
Ford Bros. & Co., machsts. & fndrs., 1610 S. Front, Phila., Pa.
Ford Bros. Glass Co., 207 Washington av N., Minneapolis, Minn.
Ford, Butler & Oliver, architects, 101 Park av., New York.
Ford Chain Block & Mfg. Co., hoists (chain), 139 N. Oxford, Philadelphia, Pa.
Ford & Co., wheels, Tippecanoe City, Ohio.
Ford, E. J., stone producers, Scotts Crossing, Ohio.
Ford, Edw., Plate Glass Co., Rossford, Ohio.
Ford, F. Codman, masons' & bldrs.' matls., front brick, 738 Union, New Orleans, La.
Ford Flour Co., Nashville, Tenn.
Ford Fdry. Co., stoves, Concord, N. H.
Ford Fndry. & Htg. Co., Cuyahoga Falls, Ohio.
Ford, Geo., machst. & fndr., Mystic, Ia.
Ford, Geo. B., architect, 10 Park av, New York.
Ford, H. L., architect, Hippodrome Arcade, Youngstown, Ohio.
Ford, Hamilton E., architect, Lorain, Ohio.
Ford Hardware Co., Washington C. H., Ohio.
Ford, Henry & Son, machsts. & brass fndrs., Dearborn, Mich.
Ford, Hudson & Co., flour, Plateau, N. C.
Ford, J. B., Co., metal cleaners, Wyandotte, Mich.
Ford, J. C., stone producers, Scotts Crossing, Ohio.
Ford, J. W., flour mills, Hartford, Ky.
Ford & Johnson Co., chairs, 900 S. Michigan av, Chicago, Ill.
Ford & Kendig Co., plumbers' supplies—jobbers, 312 W. 24th, Philadelphia, Pa.
Ford & Kimball, machsts. & fndrs., Concord, N. H.
Ford Lbr. Co., sash, door & blind mfrs., Princeton, Ind.
Ford Lumber Co., Sioux City, Ia.
Ford, M. I., Co., contractors, Binghamton, N. Y.
Ford Mfg. Co., building sheathing, paper & pulp mills, felts, linings, etc., 2339 La Salle, Chicago, Ill.
Ford Mfg. Co., machsts., Rockford, Ill.
Ford Mfg. Co., pot covers, Newark, N. J.
Ford Mfg. Co., weather strips, Holyoke, Mass.
Ford Meter Box Co., Wabash, Ind.
Ford Motor Co., auto builders & gas engine mfrs., Detroit, Mich.
Ford Paving Co., Brandeis Theatre Bldg., Omaha, Neb.
Ford Paving Co., Cedar Rapids, Ia.
Ford-Perry Co., silver novelties, 70 Ship, Providence, R. I.
Ford & Phillips Co., contractors, 723 S. 5th av, Chicago, Ill.
Ford Pulley & Hardware Co., Inc., 404 4th av, New York. *See adv index at end of book.*
Ford, R. T., Co., plumbers' supplies, South, Rochester, N. Y.
Ford, S. N., & Co., sashes, doors & blinds, Mansfield, Ohio.
Ford, Sherwood D., architect, Lyon Bldg., Seattle, Wash.
Ford, Stephen W., architect, Clarksburg, W. Va.
Ford, Thos. P., Co., machsts., 407 Broome, New York.
Ford, W. B., canned goods, Van Bibber, Md.
Ford, W. F., Surgical Instrument Co., 118 E. 59th, New York.
Ford, William B., machsts. & fndrs., Royal Center, Ind.
Forderer Cornice Works, 269 Potrero av, San Francisco, Cal.
Fordham Cornice Wks., 1004 Tremont av, New York.
Fordham Stone Renovating Co., 417 E. 34th, New York.
Fordland Canning & Packing Co., Fordland, Mo.
Fordney Fassett Co., lbr. mfrs., Franklinton, La.
Fordney, J. F., architect., Schmitz Bldg., Fort Wayne, Ind.
Fordney, J. W., lbr. mfrs., Saginaw, Mich.
Fords Porcelain Works, Perth Amboy, N. J.
Fordyce Lumber Co., Fordyce, Ark.
Fore Elec'l Mfg. Co., stor. battery charging sets, St. Louis, Mo.
Fore River Ship Building Corp., Quincy, Mass.
Foreign Crucibles, Ltd., importers of crucibles, Church & Fulton, New York. *See adv index at end of book.*
Foreign Languages Translation Bureau, 1st Natl. Bank Bldg., Chicago, Ill.
Foreman-Derrickson Veneer Co., Elizabeth City, N. C.
Foreman & Putman, contrs., Marietta, Ohio.
Forest Box & Lbr. Co., 4th & E. R., New York.
Forest Chemical Co., alcohol, acetate of lime, Sheffield, Pa.
Forest City Bedstead Co., 1197 W. 67th, Cleveland, Ohio.
Forest City Bit & Tool Co., Rockford, Ill.
Forest City Box Co., packing box, 723 Stone's Levee, Cleveland, Ohio.
Forest City Canning Co., Forest City, Ia., and Forest City, Mo.
Forest City Fdry. & Mfg. Co., mail boxes, etc., 2202 Elm av, Cleveland, Ohio.
Forest City Furniture Co., Rockford, Ill.
Forest City Mach. Co., Rockford, Ill.
Forest City Machine & Forge Co., 5101 Lakeside av, N. E., Cleveland, Ohio.
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, Ohio.
Forest City Provision Co., meat packers, 2773 E. 37th, Cleveland, Ohio.
Forest City Steel & Iron Co., 110th nr Detroit av, Cleveland, O.
Forest City Woolen Mills Co., lumbermen's socks, Cleveland, O.
Forest Constr. Co., Forest, Ohio.
Forest Grove Fruit Growers' Ass'n, canned goods, Forest Grove, Ore.
Forest Lbr. Co., R. A. Long Bldg., Kansas City, Mo.
Forest Lbr. Co., Fulton Bldg., Pittsburgh, Pa.
Forest Products Co., charcoal, pine oil, rosin, turpentine mfrs., 1212 Whitney, New Orleans, La.
Forest Products Co., lbr., Red Wing, Minn.
Forg, Peter, Mfg. Co., portables, 50 Park, Somerville, Mass.
Forged Steel Wheel Co., Pittsburgh, Pa.
Forgeson, J., & Son, architects, Findlay, Ohio.
Forhan, H. L., canned goods, Portland, Me.
Fork Township Oil Mill, meal, Townville, S. C.
Forked Deer Mfg. Co., flour mills, Trenton, Tenn.
Forked Deer Milling Co., flour, Dyersburg, Tenn.
Forman-Breen Mfg. Co., harness, saddles & strap wk. mfrs., Louisville, Ky.
Forman, Ford & Co., glass, 111 S. 2d, Minneapolis, Minn.
Forman, Geo. A., stucco wk., 654 Gates av, Brooklyn, N. Y.
Forman H. M., lbr., Tionesta, Pa.
Forman & Light, architects, 40 Cedar, New York.
Forman, Thos., Co., maple flooring, Fort W. & P. M. R. R., Detroit, Mich.
Formhals & Son, carriages, Ottawa, Ill.
Formica Insulation Co., 3240 Spring Grove av, Cincinnati, Ohio.
Forney, Chas. W., lbr., Cambridge, Ohio.
Forney Cotton Oil & Ginning Co., meal, Forney, Tex.
Forney, J. H., boxes, Burlington, Ia.

Fornwald Bros., sash, door & blind, Berlin, Pa.
Forrest, A. Lowther, architect, Law Bldg., Baltimore, Md.
Forrest, C. S., architect, Concord, N. H.
Forrest, Chas., contr., 46 East Mohawk, Buffalo, N. Y.
Forrest City Box Co., Forrest City, Ark.
Forrest, E. W., cornices and skylights, Fairhaven, Mass.
Forrestal, Chas., contractor, 2908 Chestnut, Milwaukee, Wis.
Forrester Bros. Stone Co., 35th & Roanoke blvd, Kansas City, Mo.
Forrester-Nace Box Co., pckg. box mfrs., 80 Wyoming, Kansas City, Mo.
Forrester Plaster Co. ft. E. 49th, Cleveland, Ohio.
Forsberg, Gustave W., machst., 8th & Water, S. W., Washington, D. C.
Forschler Motor Truck Mfg. Co., New Orleans, La.
Forschner, Chas., & Sons, spring balances, 206 E. 19th, New York.
Forschner, R. H., Co., scales, 230 3d, New York.
Forsell, Ernest, architect, First Natl. Bk. Bldg., Duluth, Minn.
Forsman, John A., cornices, 341 W. 58th, Chicago, Ill.
Forster, J., cornices, 413 E. 53d, New York.
Forster, John G., patterns, Indianapolis, Ind.
Forster, Jno, M., Co., belting, wood pulleys & mill supplies, Rochester, N. Y.
Forster Lbr. Co., Nat'l Bank Bldg., Milwaukee, Wis.
Forster Mfg. Co., tooth pick mfrs., Dixfield, Me.
Forster Paint & Mfg. Co., Winona, Minn.
Forsyth, Chas. N., contractor, 3417 N. 16th, Philadelphia, Pa.
Forsyth, Edward A., architect, 220 Woodworth av, Yonkers, New York.
Forsyth Electric Co., commutators, Seattle, Wash.
Forsyth Iron Bed Co., Winston-Salem, N. C.
Forsyth, J. E., draft gear, Peoples' Gas Bldg., Chicago, Ill.
Forsyth Metal Goods Co., hdwe. specialties, East Aurora, N. Y.
Forsyth Roller Mills, Winston-Salem, N. C.
Forsyth Street Planing Mills, Jacksonville, Fla.
Forsyth, W., & Sons Co., auto engines & ironing boards, Lynn, Mass.
Forsythe, Jas., masons' & bldrs.' matls., Clyde, Ohio.
Forsythe, John R., architect, 232 St. Paul., Baltimore, Md.
Fort Atkinson Canning Co., Fort Atkinson, Wis.
Fort Bragg Growers' Ass'n., canned goods, Fort Bragg, Cal.
Fort Dearborn Mfg. Co., sleeve wire connectors, etc., Sterling, Ill.
Fort Dodge Bedding Co., mattresses, Fort Dodge, Iowa.
Fort Dodge Brick & Tile Co., Fort Dodge, Ia.
Fort Dodge Culv. Co., Fort Dodge, Ia.
Fort Dodge Fndry. Co., Fort Dodge, Iowa.
Fort Dodge Portland Cement Corp., Fort Dodge, Ia.
Fort Gaines Fertilizer Co., Fort Gaines, Ga.
Fort Henry Mining Co., iron ores, Cleveland, Ohio.
Fort Hill Chemical Co., potash, Rumford Falls, Me.
Fort Jennings Stone Co., Fort Jennings, Ohio.
Fort Madison Plow Co., Fort Madison, Ia.
Fort Miller Pulp & Paper Co., Fort Miller, N. Y.
Fort Motte Oil Cotton Co., cottonseed meal, Fort Motte, S. C.
Fort, O. M., architect, Camden, S. C.
Fort Orange Const. Co., 61 Columbia, Albany, N. Y.
Fort Orange Paper Co., 200 5th av, New York.
Fort & Parslow, architects, Tampa, Fla.
Fort Pitt Bedding Co., mattresses, Liverpool & Preble, Pittsburgh, Pa.
Fort Pitt Bridge Wks., machsts. & fndrs., steel structural, House Bldg., Pittsburgh, Pa.
Fort Pitt Chemical Co., liquid soap, 14th & Etna, Pittsburgh, Pa.
Fort Pitt Hdwe. Co., 807 Liberty av, Pittsburgh, Pa.
Fort Pitt Malleable Iron Co., castings, machsts. & fndrs., Thompson & Crawford, Pittsburgh, Pa.
Fort Pitt Oil & Paint Co., 3209 Liberty, Pittsburgh, Pa.
Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa., & Hobart Bldg., San Francisco, Cal.
Fort Pitt Steel Casting Co., McKeesport, Pa.
Fort Pitt Stone & Brick Co., Carnegie, Pa.
Fort Pitt Supply Co., plumbers' supplies—jobbers, 332 2d av, Pittsburgh, Pa.
Fort Recover Stirrup Co., stirrups—wooden, Ft. Recovery, Ohio.
Fort Recovery Tile Co., Fort Recovery, Ohio.
Fort Scott Hydraulic Cement Co., Ft. Scott, Kans.
Fort Scott Sorghum Syrup Co., canned, Fort Scott, Kans.
Fort Smith Chair Co., Fort Smith, Ark.
Fort Smith Handle Co., Fort Smith, Ark.
Fort Smith Lumber Co., Plainview, Ark.
Fort Smith Refrigerator Wks., Ft. Smith, Ark.
Fort Smith Rim & Bow Co., Fort Smith, Ark.
Fort Smith Spelter Co., Warren, Ohio.
Fort Smith Wagon Co., Fort Smith, Ark.
Fort Stanwix Canning Co., Rome, N. Y.
Fort Valley Oil Co., Fort Valley, Ga.
Fort Wayne Brick Co., Fort Wayne, Ind.
Fort Wayne Builders' Supply Co., Fort Wayne, Ind.
Fort Wayne Corrugated Paper Co., Ft. Wayne, Ind.
Fort Wayne Electric Works of Gen. Elec. Co., Ft. Wayne, Ind.
Fort Wayne Engineering & Mfg. Co., Fort Wayne, Ind.
Fort Wayne Fdry. & Mach. Co., Ft. Wayne, Ind.
Fort Wayne Iron Store Co., Fort Wayne, Ind.
Fort Wayne Lumber Co., Fort Wayne, Ind.
Fort Wayne Oil & Supply Co., Fort Wayne, Ind.
Fort Wayne Rolling Mill Corp., Fort Wayne, Ind.
Fort Wayne Roofing & Paving Co., Fort Wayne, Ind.
Fort Wayne Saddlery Co., Ft. Wayne, Ind.
Fort Wayne Smelting & Refining Co., Fort Wayne, Ind.
Fort Worth Feather & Mattress Factory, Fort Worth, Tex.
Fort Worth Mattress & Comfort Mfg. Co., Fort Worth, Tex.
Fort Worth Packing Co., meat, Fort Worth, Tex.
Fort Worth Well Machy. & Supply Co., Fort Worth, Tex.
Fortado, J. L., Co., stone prod., Springfield, Ill.
Fortenbacher, J., & Son, cornices & skylights, 538 E. Ohio, Pittsburgh, Pa.
Fortenbaugh, Chas., packing box mfrs., 636 W. Pratt, Baltimore, Md.
Forth, W. J., stone producers, Manistee, Mich.
Fortier, Theo., lawn furn., 1971 B'way, B'klyn, N. Y.
Fortin-Chambers Co., contrs., Ry. Exch. Bldg., Portland, Ore.
Fortin, Jos. T., architect, 600 Blue Island av., Chicago, Ill.
Fortner, L. B., Co., aniline colors, 36 Strawberry, Phila., Pa.
Fortner, S. A., canned goods, Smyrna, Del.
Fortson Shingle Co., lumber, Fortson, Wash.
Fortuna Lthr. Co., advtg. nov. & spec., 5909 Park av, Phila., Pa.
Fortuna Mach. Co., 127 Duane, New York.
Fortville Canning Co., Fortville, Ind.
Forve-Pettebone Co., elec. & gas light fixtures, Los Angeles, Cal.
Fosburgh Lumber Co., Norfolk, Va.
Fosdick Machine Tool Co., Cincinnati, Ohio.
Foshee, J. M., lumber, Cohasset, Ala.
Foskett & Bishop Co., steam fitters, mill & facty. supps., New Haven, Conn.
Foss, Al., fishing bait, 1722 Cumberland rd, Cleveland, Ohio.
Foss Designing & Bldg. Co., contrs., Pasadena, Cal.
Foss, E. B., lbr. mfrs., Bay City, Mich.
Foss Engine Wks., machsts., Kalamazoo, Mich.
Foss, F. W., Co., masons' & bldrs.' matls., Berkeley, Cal.
Foss, Geo. F., Machy. & Supp. Co., 30 Church, New York.
Foss & Janes, contractors, Fitchburg, Mass.
Foss, M. L., mill & facty. supp., Denver, Colo.
Foss & Pevear, architects, 71 Brimmer, Boston, Mass.
Foss, W. J., Co., mill & facty. supplies, Springfield, Mass.
Fosseen, A. B., & Co., masons' & bldrs.' matls., North Yakima, Wash.
Fossett, Geo. W., & Son, cornices, 10 N Vogdes, Philadelphia, Pa.
Fossol, John, & Co., sponges, Tarpon Springs, Fla.
Fosston-Carpenter Co., agricultural implements, 473 Cleveland av, N., St. Paul, Minn.
Fosston Mfg. Co., agrl. implts., 473 Cleveland, St. Paul, Minn.
Fossum, Geo. F., architect, Aberdeen, S. D.
Foster, A. V., machst, Millbridge, Me.
Foster, Arthur, architects, 230 S. La Salle, Chicago, Ill.
Foster, B. D., Mrs., stone producer, Carter, Ky.
Foster Bolt & Nut Mfg. Co., Union av. & E. 72d, Cleveland, O.
Foster Box Board Co., Utica, N. Y.
Foster Bros., architects, Danbury, Conn.
Foster Bros. & Chatillon Co., cutlery mfrs., Fulton, N. Y.
Foster Bros. Mfg. Co., bedstead mfrs., mattresses, 320 N. Holliday, Baltimore, Md.
Foster Bros. Mfg. Co., bedsteads, mattresses, etc., Utica, N. Y.
Foster-Brown Co., machsts. & fndrs., Westbrook, Me.
Foster, C. A., architect, 2810 Newkirk av, Brooklyn, N. Y.
Foster, C. H., Accessories Co., auto. lamps, Chicago, Ill.
Foster, C. M., architect, Mer. Library Bldg., Cincinnati, Ohio.
Foster Const. Co., Caswell blk., Milwaukee, Wis.
Foster & Creighton Co., contractors, stone producers, Nashville, Tenn.
Foster, David S., Sons & Co., wholesale hdwe., Utica, N. Y.
Foster Engng. Co., belt shifters, regulators, etc., 109 Monroe, Newark, N. J.
Foster, F. B., & Co., corrugated fibre products, 25th & Locust, Phila., Pa.
Foster, Fountain & Co., canned goods, Biloxi, Miss.
Foster & Gade, architects, 15 W. 38th, New York.
Foster Gear Co., machsts., 246 Kaiser, Columbus, Ohio.
Foster, Geo. L., & Son, architects, Mansfield, Mass.
Foster, H. M., Co., railway equipment, Baltimore & Calvert, Baltimore, Md.
Foster Hardware Co., Little Rock, Ark.
Foster, Harry H., soap spouts, Cabot, Vt.
Foster Heating Co., 15 Palmer, Rox, Boston, Mass.
Foster & Hosler, granite, 431 S. Dearborn, Chicago, Ill.
Foster, Jacob R., pegs—shoe, Plymouth, N. H.
Foster, Jas. P., & Co., sash, door & blind mfrs., 115 S. Frederick, Baltimore, Md.
Foster, John W., architect, 22 Worthington, Springfield, Mass.
Foster, L. B., Co., second hand pipe, Park Bldg., Pittsburgh, Pa.
Foster-Latimer Lumber Co., Mellen, Wis.
Foster & Loftus, contrs., Bangor, Me.
Foster & Long, contractors, Jacksonville, Fla.
Foster, Lothman Mills, sash, door & blind mfrs., Oshkosh, Wis.
Foster, Louis H., Turkish towels, D & Tioga, Philadelphia, Pa.
Foster Lumber Co., Long Bldg., Kansas City, Mo.
Foster Lumber Co., Tacoma, Wash.
Foster, M. A., & Son, machsts. & brass fndrs., Altoona, Pa.
Foster Mach. Co., turret lathes, Elkhart, Ind.
Foster Mach. Co., textile machy., supplies, etc., Westfield, Mass.
Foster, Merriam & Co., machsts. & fndrs., Meriden, Conn.
Foster, Morgan, Lumber Co., Henry Bldg., Seattle, Wash.

Foster-Munger Co., sash, door & blind mfrs., etc., 1404 W. 37th, Chicago, Ill.
Foster, N. C., Lumber Co., Fairchild, Wis.
Foster Pump Wks., 36 Bridge, Brooklyn, N. Y.
Foster, R. S., Lbr. Co., Indianapolis, Ind.
Foster-Richardson Co., bedstead mfrs., Westboro, Mass.
Foster, Robt. W., machsts. & fndrs., New Bedford, Mass.
Foster Rubber Co., 105 Federal, Boston, Mass.
Foster, S. A., Lumber Co., Lincoln, Neb.
Foster, S. Willis, architect, 1107 Maxwell av, Spokane, Wash.
Foster Sheet Metal Co., ceilings, cornices, ornaments, etc., Springfield, Ill.
Foster, Stevens & Co., wholesale hardware, 157 Monroe av, N. W., Grand Rapids, Mich.
Foster Stove Co., Ironton, Ohio.
Foster, Theo. W., & Bro. Co., shears, scissors, silver novelties, 100 Richmond, Providence, R. I.
Foster-Thornburg Hdwe. Co., Huntington, W. Va.
Foster, Tobias, machinist, Spencerville, Ohio.
Foster-Vogt. Co., concrete steel construction, Sharon Bldg., San Francisco, Cal.
Foster, Walter H., Co., milling machines, 50 Church, New York.
Foster, Wm., architect, Butler, Pa.
Foster, Wm. G., architect, Streator, Ill.
Foster & Williams Mfg. Co., agricultural implements, machsts. & fndrs., Racine, Wis.
Fostoria Battery Co., Fostoria, Ohio.
Fostoria Glass Co., 60 Pearl, Buffalo, N. Y.
Fostoria Glass Co., lamp chimney, Moundsville, W. Va.
Fostoria Glass Novelty Co., glass tubing, Fostoria, Ohio.
Fostoria Incandescent Lamp Div. of G. E. Co., Fostoria, Ohio.
Fostoria Pressed Steel, sheet metal stampings, Fostoria, Ohio.
Fostoria Provisions Co., meat packers, Fostoria, Ohio.
Fostoria Screw Co., Fostoria, Ohio.
Fothergill, Thos. W., cornices & skylights, Houston, Tex.
Fotheringham, John, contractor, 3367 Fkd. av, Philadelphia, Pa.
Foucart, J. E., machsts., Williamsport, Pa.
Fougera, E., & Co., filter paper, 90 Beekman, New York.
Fougner, Ernest H., architect, 800 Broad, Newark, N. J.
Foulds, I., & Son, belting, Hudson, Mass.
Foulds, Wm., Co., paper & pulp mill, Manchester, Conn.
Foulk, Frank H., architect, New Castle, Pa.
Foulk, Walter L., contractor, Vineland, N. J.
Foulkes Contracting Co., Terre Haute, Ind.
Foulkes, Edw. T., architect, Crocker Bldg., San Francisco, Cal.
Foulkes & Hogue, architects, Commercial Club Bldg., Portland, Ore.
Foulks, Wm., machsts., fndrs., Moorhead, Minn.
Foundation Co., The, dock bldrs., contractors, 233 Broadway, New York.
Foundries Co., Orrville, Ohio.
Foundry, trade publications, Penton Bldg., Cleveland, Ohio.
Foundry Equipment Co., Buffalo, N. Y.
Foundry Equipment Co., 1833 Columbus rd, Cleveland, Ohio.
Foundry & Mach. Products Co., Detroit, Mich.
Foundry Manganese Co., ferro alloys, etc., Harrison Bldg., Philadelphia, Pa.
Foundry Specialty Co., fdry. flux, Cincinnati, Ohio.
Fountain & Choate, contractors, 113 E. 23d, New York.
Fountain Faucet Co., 61st av. W. & Polk, Duluth, Minn.
Fountain Inn Mfg. Co., damasks—cotton, Fountain Inn., S. C.
Fountain Inn Oil Mill Co., fertz. mfrs., Fountain Inn, S. C.
Fountain, J., Lbr. Co., Appleton, Wis.
Fountain, Jno., Jr., cable joints, 510 Broome, New York.
Fountain Spec. Co., Grand Haven, Mich.
Four Drive Tractor Co., Big Rapids, Mich.
Four-In-One Ladder Mfg. Co., Mishawaka, Ind.
Four Wheel Drive Auto Co., Clintonville, Wis.
Fourche River Lbr. Co., 5 N. La Salle, Chicago, Ill.
Fourchy, Robert, architect, Woodward Bldg., Washington, D. C.
Fourman Bros., lumber mfg., Arcanum, Ohio.
Fournier, Auguste, archit., 4 Ashburnham, W. Fitchburg, Mass.
Foust's, Wm., Sons, gin distillers, Glen Rock, Pa.
Fouts, C. C. Co., silos & tanks, 650 Woodlawn av, Middletown, O.
Fouts & Hunter Carriage Mfg. Co., Terre Haute, Ind.
Foutz, C. J., & J. C., canned goods, Roanoke, Va.
Fow Mfg. Co., furnace pipe, 233 N. 2d, Philadelphia, Pa.
Fowble, Chas. A., contractor, Germ. Life Bldg., St. Paul, Minn.
Fowden Gasoline & Electric Rock Drill Co., 4th & Walnut, Philadelphia, Pa.
Fowden, Wm. T., blow-off valves, Chester, Pa.
Fowell, Wm., & Son, contractors, Nashua, N. H.
Fowle, John L., belt knives, Reading, Mass.
Fowler Airplane Corpn., 128 12th, San Francisco, Cal.
Fowler Bottling Mach. Co., 124 White, New York.
Fowler Bros., Co., fertilizer, Covington, Ga.
Fowler Canning & Mfg. Co., Fowler, Colo.
Fowler, Clarence, architect, 15 E. 40th, New York.
Fowler & Co., curtain rods, Worcester, Mass.
Fowler, D., Jr., & Co., brick, Haverstraw, N. Y.
Fowler, E. S., ophthalmoscopes, 31 State, Chicago, Ill.
Fowler, Everett, brick, Haverstraw, N. Y.
Fowler, F. S., mill & facty. supplies, Amesbury, Mass.
Fowler Fndry. Co., machsts. & brass fndrs., Bradford, Pa.
Fowler, Fred H., architect, 329 Carson av, Rochester, N. Y.
Fowler, G. W., & Co., commutator compounds, North Tonawanda, N. Y.
Fowler, Geo. W., Co., machsts. & fndrs., West Palm Beach, Fla.
Fowler, J. Chandler, architect, 34 School, Boston, Mass.
Fowler, J. L., Co., billiard tables, 1812 W. Lake, Chicago, Ill.
Fowler, J. M., lbr., Benson, Vt.
Fowler, J. P., Mfg. Co., machsts. & fndrs., Salt Lake City, Utah.
Fowler, J. Sumner, architect, 19 Milk, Boston, Mass.
Fowler, John P., & Co., mattresses, 1434 Wabash av, Chicago, Ill.
Fowler, L. A., & Sons, contrs., 1409 Walnut, Kansas City, Mo.
Fowler Lamp & Mfg. Co., 59 E. 24th, Chicago, Ill.
Fowler, Lawrence H., architect, 347 N. Charles, Baltimore, Md.
Fowler, M. W., architect, 610 S. B'way, Los Angeles, Cal.
Fowler & McVitie, masons' & bldrs.' matls., Galveston, Tex.
Fowler-Manson-Sherman Cycle Mfg. Co., 1447 Austin av, Chicago, Ill.
Fowler Nail Co., Seymour, Conn.
Fowler Net & Twine Co., fish nets, 107 S. 2d, Philadelphia, Pa.
Fowler-Norwood-Greene Co., packing boxes, Keene, N. H.
Fowler, O. L., contractor, New London, Conn.
Fowler Packing Co., meat packers, Kansas City, Kans.
Fowler & Pay, masons' & bldrs.' matls., Mankato, Minn.
Fowler & Sellars Co., cornices, White Plains, N. Y.
Fowler, W. J., lumber, Bowdon, Ga.
Fowler & Wolfe Mfg. Co., hot water radiators, machsts. & fndrs., Bourse, Philadelphia, Pa.
Fowles, Harry I., & Son, contrs., 188 Poplar, New Haven, Conn.
Fowles, J. H., & Son, contractors, Holyoke, Mass.
Fownes Bros. & Co., gloves, 119 W. 40th, New York.
Fox, A. H., Gun Co., 4700 N. 18th, Philadelphia, Pa.
Fox, Arthur W., stereopticons, 83 Schermerhorn, Brooklyn, N. Y.
Fox, Benj., Inc., contractor, 15 Exchange, Boston, Mass.
Fox, Benj., Sons, machsts. & fndrs., 513 W. 34th, New York.
Fox-Borden Mfg. Co., desk tele. brackets, 103 Station A, Hartford, Conn.
Fox Bros. & Co., mill & facty. supplies, 126 Lafayette, New York.
Fox Bros. Hardware Co., Pine Bluff, Ark.
Fox, C. M., Silica Sound, Ridgway, Pa.
Fox, Chas. E., archit., 700 Lincoln Parkway, Chicago, Ill.
Fox, Chas. H., arch'l iron, 369 W. 11th, New York.
Fox, Chas. J., heating contr., 1208 Grand av., Milwaukee, Wis.
Fox, Chas. J., soap, 313 S. Philip, Philadelphia, Pa.
Fox, Chas. K., Heel Co., wooden shoe heels Haverhill, Mass.
Fox Chemical Co., fertilizer mfgs., Louisville, Ky.
Fox, E. S., & Co., brick, stove linings, Reading, Pa.
Fox Electrical Corpn., 119 42nd, New York.
Fox Furnace Co., Elyria, Ohio.
Fox & Gale, architects, 3 Park, Boston, Mass.
Fox, Geo. E., Co., plate glass desk pads, stationers' specialties, 35 W. Kinzie, Chicago, Ill.
Fox, Geo. H., & Co., contractors, 19 S. La Salle, Chicago, Ill.
Fox, Geo. S., ladders, 137 N. 6th., Philadelphia, Pa.
Fox, Gustav, Co., advtg. nov., Cincinnati, Ohio.
Fox, H. K. C., htg. contrs., Frederick, Md.
Fox, H. W., & Co., contractors 2411 Greenmount av, Baltimore, Md.
Fox, Henry E., Const. Co., 81 E. 125th, New York.
Fox, J. H., & Son, toys, Berea, Ohio.
Fox, J. M., Iron Wks., brass fndrs., Peekskill, N. Y.
Fox, J. W., Excelsior Co., Grand Rapids, Mich.
Fox, Jas., & Sons, contractors, Richmond, Va.
Fox, John A., architect, 126 Tremont, Boston, Mass.
Fox, Jno., & Co., cast iron pipes, 253 B'way, New York.
Fox, Jno. M., & Co., battery coppers, washers, Portland, Me.
Fox, Jno. O., & Co., masons' & bldrs.' matls., Putnam, Conn.
Fox, L. C., masons' & bldrs.' matls., Irwin, Pa.
Fox, L. E., brick, Medina, Ohio.
Fox Lake Canning Co., Fox Lake, Wis.
Fox Lime & Stone Co., Racine, Wis.
Fox, M. Ewing Co., 241 E. 136th, New York.
See adv under Paint Mfrs., branch offices, end of book.
Fox Mach. Co., Jackson, Mich.
Fox, Max, scrap iron, New Bedford, Mass.
Fox Paper Co., Lockland, Ohio.
Fox River Boiler & Sheet Iron Wks., machsts. & fndrs., Aurora, Ill.
Fox River Cornice Works, Green Bay, Wis.
Fox River Iron Co., machsts. & fndrs., Aurora, Ill.
Fox River Paper Co., Appleton, Wis.
Fox River Screen Plate Co., Appleton, Wis.
Fox River Valley Knitting Co., lumbermen's socks, Appleton, Wis.
Fox Supply Co., floor surfaces, Brooklyn, Wis.
Fox, T. R., & Son, contractors, Hartford, Conn.
Fox, Thos., granite, Concord, N. H.
Fox Typewriter Co., Grand Rapids, Mich.
Fox, W. H., & Son, paper & pulp mills, Penn Yan, N. Y.
Fox, Wm., brick, Peoria, Ill.
Fox, Wm., freight elev., 71 Larned, W. Detroit, Mich.
Fox, Wm. B., & Bro., wholesale hdwe., 21 Warren, New York.
Fox, Z. F., & Son, clamps, gauges, trucks, etc., Freeport, Mich.
Foxboro Co., indicating & recording instruments for temperature, pressure, speed, time & combustion, mfrs., Foxboro, Mass.
See adv index at end of book.
Fox's, Geo., Sons, boilers, 511 W. 34th, New York.
Foy, Edw. A., Co., lightning rods, etc., 815 B'way, Cincinnati, Ohio.

Foy, Edw. L., & Co., plastic slate roofers, 16 W. Camden, Baltimore, Md.
Foy Paint Co., plate glass, 230 E. 5th, Cincinnati, Ohio.
Foy-Proctor Co., contractors, Nashville, Tenn.
Foyer, Chas. A., & Co., typewriter ribbons, 1104 Prospect av, Cleveland, Ohio.
Fradley, J. F., & Co., silver nov., 312 E. 23d, New York.
Frahm, L., Co., bldg. contrs., 29th av & Mitchell, Milwaukee, Wis.
Frahn, Harry J., architect, Ind. Life Bldg., Nashville, Tenn.
Frailey, J., & Bro., contractors, 451 Pearl, Buffalo, N. Y.
Fraim, E. T., Lock Co., latch & padlock mfrs., Lancaster, Pa.
Fraley Bros., machsts. & fndrs., Emmitsburg, Md.
Fraley's, S. C., Sons, scrap iron & steel, 515 Richmond, Philadelphia, Pa.
Fralick, S. R., & Co., conduit hangers, 15 S. Clinton, Chicago, Ill.
Fralin, J. L., canned goods, Blue Ridge Springs, Va.
Framburg, H. A., & Co., elec. & gas light fiixtures, 24 S. Clinton, Chicago, Ill.
Framing Foundries, grey iron castings, Framingham, Mass.
Framingham Coal Co., Framingham, Mass.
Framingham Constr. & Supp. Co., Framingham, Mass.
Framingham Lumber Co., Framingham, Mass.
Framingham Screw Wks., schew mach. prod., Framingham, Mass.
France Co., stone producers, Toledo & Van Wert, Ohio.
France, David Co., masons' & bldrs.' matls., Tasker St. Wharf, Philadelphia, Pa.
France Mfg. Co., rectifiers, 1434 W. 75th, Cleveland, Ohio.
France Milling Co., buckwheat flour, Cobleskill, N. Y.
France Packing Co., metallic packing mfrs., Tacony, Phila., Pa.
France, Roy F., architect, 155 N. Clark, Chicago, Ill.
France Slag Co., concrete, slag & crushed stone, 2nd Nat'l Bank, Toledo, Ohio.
France Stone Co., Holland, Ohio.
France Stone Co., Toledo, Ohio.
Frances, L. M., mach. & fdr., Reading, Pa.
Francesconi, J. C., & Co., imps., oils, etc., 23 Beaver, New York.
Francesville Clay Product Co., brick, Francesville, Ind.
Franche, C. E., & Co., lacquering for the trade, 440 Orleans, Chicago, Ill.
Francini, C., marble imptrs., Lexington av & 35th, New York.
Francis Bros & Jellett (Inc.), htg. contrs. & m. chy. dlrs., 31 Madison av, New York, & Real Estate Trust Bldg., Philadelphia, Pa.
Francis, Chas. E., Co., factory trucks, glue machy., Rushville, Ind.
Francis Chemical Co., 131 Washington, Providence, R. I.
Francis & Co., diamond tools, 50 State, Hartford, Conn.
Francis, Henry M., & Sons, architects, Fitchburg, Mass.
Francis, Frederick L., archit., Fitchburg, Mass.
Francis, Loutrel, & Co., R. R. stationery, 21 Cliff, New York.
Francis Machy. Co., St. Louis, Mo.
Francis Mfg. Co., dress hooks, Niagara Falls, N. Y.
Francis & Nygren Fndry. Co., 2542 Fillmore, Chicago, Ill.
Francis, Philip S., trolley pole brackets, 115 N. 6th, Phila., Pa.
Francis Vitric Brick Co., Boynton, Okla.
Francis, W. P., contractor, Atlanta, Ga.
Francis, W. R., & Bros., lumber mfrs., 1422 W. Cary, Richmond, Va.
Francisco, Geo. M., contractor, 3639 Stettinius av, Cincinnati, O.
Franciscus Co., masons' & bldrs.' matls., Lewiston, Pa.
Franciscus Hardware Co., Tyrone, Pa.
Francke Co., flexible couplings, New Brunswick, N. J.
Franco-Am. Chemical Co., 8 Gold, New York.
Franco Am. Chem. Wks., Carlstadt, N. J.
Franco-American Food Co., canned, Franklin, Jersey City, N. J.
Frand, M. J. & Co., mchsts., Camden, N. J.
Frandsen Construction Co., 64 W. Randolph, Chicago, Ill.
Frandsen, H. J., contractor, 510 Rice, St. Paul, Minn.
Frank, Aug. C., die sinkers, 732 Sansom, Philadelphia, Pa.
Frank, Benjamin, architect, 328 N. Charles, Baltimore, Md.
Frank Chicory Co., Bay City, Mich.
Frank, De Keyser, bathroom fittings, 33 Park pl, New York.
Frank & Gutmann, jewelry cases, 25 W. 8th, New York.
Frank, H. J., Fdry & Mach. Co., Davenport, Ia.
Frank & Hedden Co., machsts, 183 1st, Jersey City, N. J.
Frank, Henry, Jr., mill & facty. supplies, 374 Hudson, New York.
Frank, Howard C., architect, House Bldg., Pittsburgh, Pa.
Frank, J. H., architect, Real Est. Tr. Bldg., Philadelphia, Pa.
Frank, Joseph & Son, architects, Scott Bldg., Erie, Pa.
Frank, Julius, archit., 25 Madison Sq. N., New York.
Frank, L., Saddlery Co., San Antonio, Tex.
Frank, L. & S., advtg. spec., St. Louis, Mo.
Frank, L. & Son Co., meat packers, 644 Market, Milwaukee, Wis.
Frank, L. & Sons, fertilizer mfrs., Zanesville, O.
Frank, M. K., scrap iron & steel, R. R. equip't, Frick Bldg., Pittsburgh, Pa.
Frank Machy. Co., Buffalo, N. Y.
Frank Mfg. Co., concrete mixers, Des Moines, Ia.
Frank, Nathan, & Sons, scrap iron, 1404 Mullikin, Baltimore, Md.
Frank Oil Co., lubrg., Titusville, Pa.
Frank, P. M., Disinfecting Co., 91 Bleecker, New York.
Frank, Peter H., contractor, 299 Depew av, Buffalo, N. Y.
Frank Pure Food Co., canned goods, 644 Market, Milwaukee, Wis.
Frank, R. E., Steam Boiler Co., 6714 S. Chicago av, Chicago, Ill.
Frank, S. M., & Co., smoking pipes, 928 B'way, New York.
Frank-Wagner & Mitchell, architects, Permanent Title Bldg., Akron, Ohio.
Frank, Walter G., architect, Clarendon Bldg., Utica, N. Y.
Frankau, Adolph, & Co., smoking pipes, 175 Front, New York.
Francke, C. D., & Co., mill & facty. supplies, wholesale. hdwre., Charleston, S. C.
Franke, F., & Co., machsts., Louisville, Ky.
Franke, George, Sons Co., Christmas novelties mfrs., Balto., Md.
Franke, H., lumber mfrs., Ft. Wayne, Ind.
Franke, H. E., elec. & gas light fixtures, 421 B'way, Milwaukee, Wis.
Franke, H., Steel Range Co., Cleveland, O.
Frankel, Albert B., architect, East St. Louis, Ill.
Frankel Bros. & Co., scrap rubber, Rochester, N. Y.
Frankel Connector Co., 177 Hudson, New York.
Frankel Display Fixture Co., 177 Hudson, New York.
Frankel, Max Co., bottlers' machy., 290 Pearl, New York.
Frankenmuth Woolen Mill Co., knitted gloves, Frankenmuth, Mich.
Frankford Brick Wks., Torsdle av, Philadelphia, Pa.
Frankford Fdry. & Mach. Wks., power presses, Widener Bldg., Philadelphia, Pa.
Frankford Gas Fixture Co., 4273 Frankford, Phila., Pa.
Frankford Waste Co., waste cotton & wool, Van Dyke & orchard, Philadelphia, Pa.
Frankfort Broom Co., Frankfort, Ky.
Frankfort Construction Co., Frankfort, Ind.
Frankfort General Insurance Co., 123 William, New York.
Frankfort & Kirschner, architects, 820 Westchester av, New York.
Frankfurth, Wm., Hdwe. Co., 119 W. Water, Milwaukee, Wis.
Frankham, Wm., Brass & Bronze Co., Canton, Ohio.
Franklin, A. J., masons' & bldrs.' matls., Statesboro, Ga.
Franklin Automobile Co., 101 Marcellus, Syracuse, N. Y.
Franklin, B. A., Stone, Laporte, Ind.
Franklin Board & Paper Co., Franklin, O.
Franklin Brass & Bronze Co., Franklin, Pa.
Franklin Brass Co., fndrs., Battle Creek, Mich.
Franklin Brass Foundry, 100 Young, Long Island City, N. Y.
Franklin Brass Fdry. Co., Reading, Pa.
Franklin Bros., contractors, Akron, O.
Franklin Buggy Co., Barnesville, Ga.
Franklin Builders' Supply & Coal Co., 400 W. Broad, Columbus, Ohio.
Franklin Button Wks., 1023 Vine, Philadelphia, Pa.
Franklin, Chas., contractor, Iowa City, Ia.
Franklin Coffin Wks., 1326 Syramore, Cincinnati, Ohio.
Franklin Coil Hoop Co., Franklin, Ind.
Franklin & Co., architects, Crozer Bldg., Philadelphia, Pa.
Franklin Co., gas & steam radiators, Canton, Ohio.
Franklin Co., insulating compounds, Bound Brook, N. J.
Franklin Contracting Co., 52 Vanderbilt av, New York, & 1504 W. Sara, Baltimore, Md.
Franklin Core Rod & Gagger Co., Franklin, Pa.
Franklin Cotton Mill Co., cordage, twine & belting mfrs., etc., Plum & Charles, Cincinnati, Ohio.
Franklin Cotton Oil & Fertilizer Co., Franklin, Va.
Franklin County Lumber Co., Carrabelle, Florida.
Franklin Crayon Co., Rochester, N. Y.
FRANKLIN DIE & TOOL CO., THE, tools, dies, gauges & fixtures, Columbus, Ohio. *See adv index at end of book.*
Franklin Electric Mfg. Co., lamps, Hartford, Conn.
Franklin Engineering & Constr. Co., bulletin, Philadelphia, Pa.
Franklin Fndry Co., Franklin, Pa.
Franklin Fountain Pen Co., 51 N. 10th, Philadelphia, Pa.
Franklin Galvanized Ware Mfg. Co., Franklin, Ind.
Franklin, Geo., contractor, Sandwich, Ill.
Franklin Guano Co., fertz. mfrs., Liberty, S. C.
Franklin Institute, engng. schools, 15 S. 7th, Philadelphia, Pa.
Franklin Iron Works, machsts. & fndrs, La Crosse, Wis., & Mt. Vernon, Wash.
Franklin Knitting Mills, sweaters, 511 E. 72d, New York.
Franklin, L. Murray, Jr., architect, 50 E. 41st, New York.
Franklin Lumber Co., Franklin, Pa.
Franklin Machine Co., ball winders and shafting machy., 189 Charles, Providence, R. I.
Franklin Mach. Co., 126 Folsom, San Francisco, Cal.
Franklin Mach. & Steam Boiler Wks., 88 Quay, Brooklyn, N. Y.
Franklin Mfg. Co., asbestos matls., cements, packing mfrs., etc., Franklin, Pa.
Franklin Mfg. Co., die cast parts, Magnolia, Syracuse, N. Y.
Franklin Mfg. Co., wire straightening and cutlery machinery mfrs., New Haven, Conn.
Franklin Mills, cotton sheetings, Greenville, S. C.
Franklin Mills Co., flour, Batavia, N. Y.
Franklin Mills Corp., towels, Unionville, Mass.
Franklin Needle Co., Franklin, N. H.
Franklin Oil & Gas Co., Bedford, Ohio.
Franklin Paper Co., Holyoke, Mass.
Franklin Park Foundry Co., malleable & gray iron castings, Herrs Island, Pittsburgh, Pa.
Franklin Pipe & Fndry. Co., 2438 S. Paulina, Chicago, Ill.
Franklin Plbg. & Tinning Co., cornices & skylights, Atlanta, Ga.
Franklin Portable Crane & Hoist Co., Box 516, Franklin, Pa.

Franklin Process Co., dyeing machy., 291 Promenade, Providence, R. I.
Franklin Ry. Supply Co., railway spec. mfrs., 30 Church, New York.
Franklin & Readhead, canned goods, Thaxton, Va.
Franklin Rubber Co., clothing, 134 Federal, Boston, Mass.
Franklin Silica Sand Co., Franklin, Pa.
Franklin Silver Plate Co., Greenfield, Mass.
Franklin Soap Co., 516 Reading rd, Cincinnati, Ohio.
Franklin Specialty Mfg. Co., adjustable light holders, mfrs., 710 Eddy, Providence, R. I.
Franklin Steel Wks., concrete reinfg. materials, Franklin, Pa.
Franklin Steel Wks., toe-calks, Joliet, Ill.
Franklin Stone Co., Nicholson, Pa.
Franklin Sugar Refining Co., 125 S. Orianna, Philadelphia, Pa.
Franklin Tool Wks., logging, 1049 Railroad av S., Seattle, Wash.
Franklin, Wm. W., & Son, architects, Commercial Tribune Bldg., Cincinnati, Ohio.
Franklinville Canning Co., lock corner boxes, Franklinville, N. Y.
Franklinville Mfg. Co., bags & bagging, Franklinville, N. C.
Frankman Bros. Bridge & Construction Co., Metropolitan Life Bldg., Minneapolis, Minn.
Franks Canning Co., Franks, Mo.
Franks, F. C., contractor, Phelan Bldg., San Francisco, Cal.
Franks, J. W., & Sons, advtg. & nov., Peoria, Ill.
Franke Mfg. Co., elec. fixtures, Rock Island, Ill.
Franks Sani-Cover Supply Co., plating & enameling works, Cambridge, Mass.
Frankton Canning Co., Frankton, Ind.
Fransen, Nels P., & Co., bldg. contrs., Endicott Bldg., St. Paul. Minn.
Franssens, J. M., harness, saddles, etc., Green Bay, Wis.
Frantz, Chas., contractor, 365 Kosciusko, Brooklyn, N. Y.
Frantz, J. J., contractor, New York Blk., Seattle, Wash.
Frantz Mfg. Co., hdwe., door hangers, hinges, hooks, etc., Sterling, Ill.
Frantz, Premier Co., electric vacuum cleaners, Cleveland, Ohio.
Frantz, Wm. H., & Son, contractors, Geneva, N. Y.
Frantzke, Emil J., architect, Majestic Bldg., Milwaukee, Wis.
Franz Bros.Packing Co., meat packers, Springfield, Ill.
Franz Hardware Co., Webb City, Mo.
Franz, Val., contractor, 180 Jessie, San Francisco, Cal.
Franzen, Wm., & Son, glass bottles, Chase & George, Milwaukee, Wis.
Franzheim, E. B., architect, Schmulbach Bldg., Wheeling, W. Va.
Franzke, Arthur, cornices & skylights, Bellingham, Wash.
Franzmeier, Louis, clover bunchers, grain lifter guards, Timothy, Wis.
Fraprie-Douglas Co., tex. machy., supplies (paper cop tubes), Fall River, Mass.
Frary Mfg. Co., mfrs. burned goods, & variety burning lathes, Charlemont, Mass.
Frary Spool Co., Berlin, N. Y.
Fraser, A. L., cornices, Salem, Oregon.
Fraser & Berau, contractors, 1761 Fulton, Brooklyn, N. Y.
Fraser-Brace & Co., contractors, 1328 Broadway, New York.
Fraser Co., engines & milling machs., 667 E. Water, Milwaukee, Wis.
Fraser, E. L., machsts. tools, etc., 141 3rd, Philadelphia, Pa.
Fraser Granite Co., Mansfield, Ohio.
Fraser, H. A. & D. M., contractors, Ardmore, Pa.
Fraser, J. C., & Sons Co., contractors, 5 Providence, Boston, Mass.
Fraser, James M., architect, 44 Knowles (E. C.), Cleveland, O.
Fraser Lubricator Co., 2412 S. 7th, St. Louis, Mo.
Fraser Mfg. Co., machsts., 573 Henderson, Jersey City, N. J.
Fraser & Richardson Const. Co., stone producers, 6th & Wewatta, Denver, Colo.
Fraser, Robt. M., granite, Montpelier, Vt.
Fraser & Ross, contractors, 64 Dexter, Providence, R. I.
Fraser, Warren F., Co., machst. & tools, Freeport, Boston, Mass.
Frasier & Frasier, contractors, 180 Jessie, San Francisco, Cal.
Frasse, Peter A., & Co., Inc., machinists' tools & supplies, 417 Canal, New York.
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Frauenfelder, J. J., architect, 610 S. B'way, Los Angeles, Cal.
Frauneder, Cornelius, iron & wire, Oakland, Cal.
Frautz, Wm. H., & Son, bldg. contrs., Geneva, N. Y.
Fray, John S., Co., brace bits, tool sets, etc., Bridgeport, Conn.
Frazar & Co., sulphuret of antimony & mineral rubber, 50 Church, New York.
Frazee, H. E., flour, Pelican Rapids, Minn.
Frazee, Jas., Milling Co., flour, Baldwinsville, N. Y.
Frazer Bros. Co., machsts., Adams, N. Y.
Frazer, G. M., mach. & fdr., Eugene, Ore.
Frazer, Horace S., archit., 112 Water, Boston, Mass.
Frazer & Jones Co., saddlery hardware & malleable iron castings, Syracuse, N. Y.
Frazer Lubricator Co., 3921 Normal av, Chicago, Ill.
Frazer Paint Co., Hubbard & M. C. R. R., Detroit, Mich.
Frazeur Lime Wks., Bridgeton, N. J.
Frazier, C. E., architect, Candler Bldg., Atlanta, Ga.
Frazier Bros., contrs., Chester, Pa.
Frazier, Chas. E., archit., 30 N. Dearborn, Chicago, Ill.
Frazier-Evans Constr. Co., Weightman Bldg., Philadelphia, Pa.
Frazier, Henry F., architect, Nappanee, Ind.
Frazier, J. H., marine r'ways & dry docks, Marblehead, Mass.
Frazier Packing Co., canned goods, Elwood, Ind.
Frazier, R. H., & Son, contractors, 224 W. Mulberry, Baltimore, Md.
Frazier, W. S., & Co., auto. wood bodies ,Aurora, Ill.
Freas, Francis L., barometers, hydrometers, thermometers, etc., Conshohocken, Pa.
Fredella, Jos., contractor, Glens Falls, N. Y.
Fredenberg, M. D., machinist & founder, Alexandria, Minn.
Fredenburg & Lounsbury, masons' & bldrs.' matls., 381 4th av, New York.
Frederick, Adam, lumber, Woodbury, Pa.
Frederick, B. Stevens, mfrs. foundry facings & supplies, 3rd & Larned, Detroit, Mich.
Frederick Brick Co., Kingston, N. Y.
Frederick Brick Wks., Frederick, Md.
Frederick Bros., brick, Allentown, Pa.
Frederick Bros., contractors, 1910 Beaver av, Pittsburgh, Pa.
Frederick, Chas., contractor, Chambersburg, Pa.
Frederick City Packing Co., Frederick, Md.
Frederick-Elder Co., elec. light fix. mfrs., Bridgeville, Pa.
Frederick, Geo. A., archit., Hotel Sherwood Monument, Baltimore, Md.
Frederick Iron & Metal Co., scrap rubber, 235 Harrison, Baltimore, Md.
Frederick Machine Works, milling mach., vises, 460 Foster av, Norwalk, Ohio.
Frederick Piano Co., 125 Cypress av, New York.
Frederick, S. Y., & Son, masons' & bldrs.' matls., Hazleton, Pa.
Frederick, W. C., architect, Pensacola, Fla.
Frederick, W. F., Piano Co., 635 Smithfield, Pittsburgh, Pa.
Fredericks, Chas. C., masons' & bldrs.' matls., Wayne av. c. Reading Ry., Gtn., Philadelphia, Pa.
Fredericks, Wm. H., sashes, doors & blinds, Camden, N. J.
Frederickson, A. D. & J. V., bldg. contrs., Madison, Wis.
Frederickson, C. G., bldg. contr., Duluth, Minn.
Frederickson, Christian, architect, Lehi, Utah.
Fredericktown Lumber Co., Fredericktown, Mo.
Fredin, J. F., bldg. contr., Duluth, Minn.
Fredonia Brick Co., Fredonia, Kans.
Fredonia Canning Co., Fredonia, Wis.
Fredonia Portland Cement Co., Fredonia, Kans.
Fredonia Preserving Co., Fredonia, N. Y.
Fredonia Window Glass Co., Fredonia, Kans.
Free & Mutchler, sash, door & blind, Paw Paw, Mich.
Free Sewing Machine Co., Rockford, Ill.
Freeborn, F. W., Engng. Const. Co., Rialto Bldg., Kansas City, Mo.
Freeburg, A. S., stone prod., Hartford, Conn.
Freed Heater Co., Bourse, Philadelphia, Pa.
Freedlander, Jos. H., architect, 244 5th av, New York.
Freeman, F. W., Co., sheet metal, stamping dies, etc., mfrs., 160 Portland, Boston, Mass.
Freedman, Louis, contractor, Trenton, N. J.
Freedman, Small & Co., plumbers' supplies—jobbers, 623 S. 6th, Philadelphia, Pa.
Freedner, Chas, contractor, Wallace, Idaho.
Freedom Casket Co., Freedom, Pa.
Freedom Lbr. Co., Freedom, Me.
Freedom Oil Wks. Co., petrolatum, Freedom, Pa.
Freela, D., Sons Co., tanks, steel, Sturgis, Mich.
Freeland, B. F., Sons Co., agricultural implements, oil pumps, machsts. & fndrs, Sturgis, Mich.
Freeland & Klyce Engng. Co., archtl., structl. & consult'g., 65 Life & Casualty, Nashville, Tenn.
Freeland Mfg. Co., woolen blankets & flannels, Freeland av & Walnut la, Philadelphia, Pa.
Freeland Plumbing & Plumbing Supplies Co., steam fitters' supplies, Freeland, Pa.
Freeland Steel Tank Co., farm boilers, feed cookers, Portage, Wis.
Freeman, A. W., hdwe. mfr., 229 Mulberry, Newark, N. J.
Freeman, Alfred, architect, 29 W. 34th, New York.
Freeman, Anthony, hdwe. mfr., 54 W. Lake, Chicago, Ill.
Freeman, Arthur C., Jr., architect, Arcade Bldg., Norfolk, Va.
Freeman & Brooks, contractors, Champaign, Ill.
Freeman, Chas. A., Mfg. Co., window screens, weather strips, 201 Devonshire, Boston, Mass.
Freeman, E. B., lumber mfrs., Norfolk, Va.
Freeman, E. G., & Co., cornices, Binghamton, N. Y.
Freeman, E. H., Elec. Co., machinists, Trenton, N. J.
Freeman Fire Brick Co., New Cumberland, W. Va.
Freeman Fdy. & Mach. Wks., Seymore, Mo.
Freeman, Frank, architect, 132 Nassau, New York.
Freeman, G. C., architect, 1111 N. 11th, Reading, Pa.
Freeman, G. R., architect, 56 Market, Poughkeepsie, N. Y.
Freeman, Geo. A., architect, 17 W. 44th, New York.
Freeman, H. C., & Co., belt conveyors, 141 Milk, Boston, Mass.
Freeman, J. Eugene, architect, Kohl Bldg., San Francisco, Cal.
Freeman, L. D., machst. & fndr., Seymour, Mo.
Freeman, Leon, woven labels, 404 S. Wells, Chicago, Ill.
Freeman, Louis G., Co., machsts., 210 E. 9th, Cincinnati, Ohio.
Freeman Mach. Co., Lawrence, Mass.
Freeman, Manning & Son, masons' & bldrs.' matls., Metuchen, N. J.
Freeman Mfg. Co., agr. imp. mfrs., Racine, Wis.
Freeman Mfg. Co., surgical hosiery, Detroit, Mich.
Freeman Pattern Works, Toledo, Ohio.
Freeman Perfume Co., almond meal, Cincinnati, Ohio.

Freeman, Philip, & Bros., elec. & gas light fixtures, 92 Bowery, New York.
Freeman, S., & Sons Mfg. Co., agricultural implements, Racine, Wis.
Freeman-Smith Lumber Co., Millville, Ark.
Freeman & Wasgatt, granite, Barre, Vt.
Freeport Brass Fdry., Freeport, Ill.
Freeport Clay Products & Mineral Co., brick, Freeport, Pa.
Freeport Fndry Co., Freeport, Ohio.
Freeport Gas Mach Co., Freeport, Ill.
Freeport Motor Co., machsts., Freeport, Ill.
Freeport Shipbldg. Co., wooden ship bldrs., S. Freeport, Ill.
Freeport Sulphur Co., crude sulphur miners, 63 Beaver, New York.
Freese Bros., brick, Janesville, Wis.
Freese, E. M. & Co., machsts. & fndrs., Galion, Ohio.
Freese, F. E., sash, door & blind mfr., 3925 Armitage av, Chicago, Ill.
Frei Emil Art Glass Co., 3934 S. Grand av, St. Louis, Mo.
Frei Pickle Works, canned, Portland, Ore.
Freiberg Lbr. Co., lbr., Dalton & Findlay, Cincinnati, Ohio.
Freidus, M., machy. dlrs., 210 Centre, New York.
Freijs, Chas. T., architect, Fletcher Sav. & Tr. Bldg., Indianapolis, Ind.
Frein Masonry & Contrg. Co., 3802 Forest Park blvd, St. Louis, Mo.
Freitag, Weinhardt & Co., mill & facty. & steam fitters' supplies, Terre Haute, Ind.
Freling & Steinle, trunks, Omaha, Neb.
Frelinger, J. G., Iron Wks., 115 W. 2d, Cincinnati, Ohio.
Fremont Canning Co., Fremont, Mich.
Fremont Fdry. & Mach. Co., Fremont, Neb.
Fremont Kraut Co., canned goods, Fremont, Ohio.
Fremont Mfg. Co., incubators, refrigerators, etc., Fremont, Neb.
Fremont Mfg. Co., pipe cutters & threaders, Fremont, Mich.
Fremont Milling Co., flour, Fremont, Neb.
Freemont Motor Co., Okla. City, Okla.
Fremont Oil Co., Fremont, N. C.
Fremont Steam Boiler Wks., Fremont, Ohio.
Fremont Stove Co., Fremont, Ohio.
Fremont Tile & Brick Co., Fremont, Ohio.
French, A. A., & Son, architects, University Bldg., Detroit, Mich.
French, Albert E., architect, Goebel Bldg., Detroit, Mich.
French, Arthur, common brick, Polo, Ill.
French Battery & Carbon Co., elec. lamp flashlights, Madison, Wis.
French, Burt L., architect, Marion, Ind.
French Button Wks., 108 N. Franklin, Philadelphia, Pa.
French, C. B., Cabinet Co., telephone booths, Metropolitan av, Maspeth, Borough of Queens, N. Y.
French Cabinet Co., tele. cabinet wk., Metropolitan av nr. Flushing av, Brooklyn, N. Y.
French China Co., Sebring, Ohio.
French Creek Fndry. Co., elec. steel castings, Franklin, Pa.
French Creek Granite Co., St. Peters, Pa.
French, E. C., & Co., boiler, flue & tube cleaners, 53 W. Jackson blvd, Chicago, Ill.
French, E. W., Co., advtg. spec., 1 Beekman, New York.
French, Edw. V., architect, 143 North av, Plainfield, N. J.
French, F. W., Oxygen Co., Oakland, Cal.
French Fndry Co., Piqua, Ohio.
French, Fred F., carriages, 930 Commonwealth av, Boston, Mass.
French, G. N., & Son, carriages, Bellows Falls, Vt.
French, H. P., Co., Inc., 320 B'way, New York. *See adv. index at end of book.*
French, H. Q. & Son, granite, 15 E. 40th, New York.
French & Hecht, machsts. & fndrs., Davenport, Ia.
French, James F., Brookston, Ind.
French, Jesse Piano & Organ Co., St. Louis, Mo.
French, Jesse, & Sons Piano Co., New Castle, Ind.
French Lubrg. Oil Co., 400 Pearl, New York.
French, Mansfield, J., architect, Snow Bldg., Syracuse, N. Y.
French Mfg. Co., fndrs., Waterbury, Conn.
French, O. P., & Sons Co., cornices, Woonsocket, R. I.
French Oil Mill Machinery Co., Piqua, Ohio.
French Paper Co., Niles, Mich.
French, R. T., flour mills; Middleville, Mich.
French, Richard, Iron Wks., Worcester, Mass.
French, Rollin E., archt, 1026 Kentucky av, Indianapolis, Ind.
French, Samuel H., & Co., paints, masons' & bldrs.' matls. & cement, York av, 4th & Callowhill, Philadelphia, Pa.
French, W. C., machsts. & brass compositing fndrs., Alpena, Mich.
French, W. F., mill & facty. supplies, Milford, N. H.
French, Walter S., contractor, Moorestown, N. J.
French, William S., flour mills, Woodstock, Va.
Frenchmen's Bay Packing Co., South Gouldsboro, Me.
Freney & Jackson, architects, 51 Leavenworth, Waterbury, Conn.
Frenier, Maxime O., engineer, 583 Union, Springfield, Mass.
Frenier & Son, machsts., Rutland, Vt.
Frentz, Geo., ship bldr., Scranton, Miss.
Frerk, Henry, Sons, masons' & bldrs.' matls., 3135 Belmont av, Chicago, Ill.
Frescoat Co., cold water paints, Grand Rapids, Mich.
Freshley, N. S., machsts. & brass fndrs., Lebanon, Pa.
Freshour, Hy. C., paper clips, float valves, etc., Bridgeport, Conn.
Fresno Agricultural Wks., Fresno, Cal.
Fresno Brick & Tile Co., Fresno, Cal.
Fresno Flume & Lumber Co., Fresno, Cal.
Fresno Lumber Co., Fresno, Cal.
Fresno Soap Co., Fresno, Cal.
Fretwell, John, architect, Adrian, Mich.
Fretwell & Winburn, architects, Idaho Falls, Idaho.
Fretz, A. L., & Son, contractors, Chancellor Bldg., Phila., Pa.
Fretz, Gross & Co., steel umbrella parts, 22d & Sedgley av, Philadelphia, Pa.
Fretz, S. S., Jr., pipe nipples, 23d & Sedgley av, Phila., Pa.
Freu Brick Co., Piggott, Ark.
Freund Constr. Co., Bulletin Bldg., Philadelphia, Pa.
Freund, Ernst, meat packer, 1215 W. Liberty, Cincinnati, Ohio.
Freund, Frank, contractor, Galveston, Tex.
Freund, H. H., malt mills, 154 W. 18th, New York.
Freund, Jacob, Roofing Co., Mitchell av & B. & O. S. W. Ry., Cincinnati, Ohio.
Freund, John, architect, 11 E. Lexington, Baltimore, Md.
Freund Packing & Mfg. Co., meat, St. Joseph, Mo.
Frevert Machinery Co., machinery dealer, 38 Vesey, New York.
Frey, Joseph, masons' & bldrs.' matls., Norwalk, Ohio.
Frey, Louis, & Co., blue prints & papers., 50 John, New York.
Frey, Miley J., contractor, Pittsburgh, Pa.
Frey Planing Mill Co., sash, door & blind mfrs., Louisville, Ky.
Frey & Thomas, wholesale hdwe., York, Pa.
Freyberg, C. B., Lbr. Co., Sheboygan, Wis.
Freyberg, Richard H., cornices, 2308 2d av, New York.
Freydberg Bros., Inc., insulating tape, 50 W. 18th, New York.
Freyder, F. X., architect & contr., Iowa City, Ia.
Freyermuth & Maurer, archts., Warner Bldg., South Bend, Ind.
Freyhof, John D., masons' & bldrs.' matls., Glendale, Ohio.
Freyn & Co., gen'l. contrs., Peoples Gas Bldg., Chicago, Ill.
Freys, Chas. T., architect, 150 E. Market, Indianapolis, Ind.
Friberg-McLennan Co., contractors, Oregonian Bldg., Portland, Ore.
Frick & Borwick Granite Co., St. Cloud, Minn.
Frick Co., machinery & agricul. implts., mfrs., Waynesboro, Pa.
Frick Grate Bar Co., steel stacks, 421 Chestnut, Phila., Pa.
Frick, H. C., Coke Co., Carnegie Bldg., Pittsburgh, Pa.
Frick, Howard A., architect, Hermiston, Ore.
Frick, Julius C., cornices, 1802 Orange, Indianapolis, Ind.
Frick & Lindsay Co., mill & facty. supplies, Robinson, Ptg., Pa.
Frick-Reid Supply Co., machy. dirs., Sandusky & Robinson, Pittsburgh, Pa.
Fricke, Adolf, iron holders, polishing cloths, etc., 73 Franklin, New York.
Fricke, J. E., Co., cords, rope, twine, etc., 247 Market, Phila., Pa.
Fricker, Fred., elec. signs, 428 11th av, New York.
Fricker, John, Co., cornices, 10 Ely, Rochester, N. Y.
Frictionless Metal Co., fndrs. & mchsts., Chattanooga, Tenn.
Friday Bros. Canning Co., Coloma, Mich.
Friday Harbor Packing Co., Friday Harbor, Wash.
Friday Mach. & Supp. Co., elec. light plants, Sigourney, Iowa.
Fridley, Seymour, lumber mfrs., Phelps, N. Y.
Fridlund, A. J., contractor, Moorhead, Minn.
Fridman Lumber Co., furniture for public bldgs., New Richmond, Ohio.
Fridrich, Chas. L., architect, 5120 Wells av, St. Louis, Mo.
Friebus, G. S., masons' & bldrs.' matls., Norfolk, Va.
Fried, Jos., contractor, 530 E. 71st, New York.
Fried-Ostermann-Meyer Co., auto. gloves, 623 Reed, Milwaukee, Wis.
Fried & Reineman, meat packers, Spring Garden av, Pittsburgh, Pa.
Friedberger-Aaron Mfg. Co., tapes, braids & cords, 18th & Courtland, Philadelphia, Pa.
Friedburg & Son, cornices, 278 Division av, Brooklyn, N. Y.
Friedel, J. F., Paper Box Co., Syracuse, N. Y.
Friedel, W. R., Co., lbr., Memphis, Tenn.
Friederich, A., & Sons, contractors, Rochester, N. Y.
Friedhoff & Mahaffey, cornices, Johnstown, Pa.
Friedl, Herman, architect, 154 W. Randolph, Chicago, Ill.
Friedland, Louis H., architect, 177 Penn, Brooklyn, N. Y.
Friedlander-Brady Knitting Mills, 501 S. Green, Chicago, Ill.
Friedlander, Jos. B., Co., plate & window glass, 233 Washington, Brooklyn, N. Y.
Friedlander, Julius, & Co., carriages, Columbus, Ga.
Friedlander, Oscar O., 40 Murray, New York.
Friedlander, Paul N., brushes, 337 Broadway, New York.
Friedley-Voshardt Co., sheet metal moldings, ornaments, etc., 733 S. Halsted, Chicago, Ill.
Friedline, Wm., rye flour, Sipesville, Pa.
Friedlund Bros., architects, Moorehead, Minn.
Friedman Blau Farber Co., gloves & mittens, sweaters, cardigans, Cleveland, Ohio.
Friedman Bros., plate glass, 461 Valcenia, San Francisco, Cal.
Friedman, Chas., scrap iron, rubber, 5 Beacon, Newark, N. J.
Friedman, F. J., & Son, contractor, 53 Fox, Buffalo, N. Y.
Friedman, Jos., elec. portables, casseroles, etc., 114 5th av, New York.
Friedman, M. A., iron, 152 Jeliff av, Newark, N. J.
Friedman, Raphael N., architect, 6 N. Clark, Chicago, Ill.
Friedman, Robertson & Keeler, architects, 90 West, New York.
Friedman, S. M., Co., cornices, 95 Cedar, Brooklyn, N. Y.
Friedman, Samuel, contractor, Keeline Bldg., Omaha, Nebr.
Friedrich, Aloysius, contractor, 3427 East, Pittsburgh, Pa.
Friedrich, E. H., Co., cornices & skylights, Holyoke, Mass.

Friedrichs, Carl, machsts., Hoboken, N. J.
Friend, Chas., & Son, harness, saddles, etc., 343 Jackson, St. Paul, Minn.
Friend & Co., masons' & bldrs.' matls., Petersburg, Va.
Friend, Henry P., contractor, Norristown, Pa.
Friend, Jno. H., architect, 148 Alexander av, New York.
Friend, John M., mason & bldrs. matl., Newport, R. I.
Friend Mfg. Co., machsts., Gasport, N. Y.
Friend & Terry Lumber Co., Sacramento, Cal.
Friends University Engng. Schools & Coll., Wichita, Kans.
Friendsville Roller Mills, flour, Friendsville, Tenn.
Fries, A. G., Plating Co., 200 Terrace, Buffalo, N. Y.
Fries, A., & Sons, brick, Connersville, Ind.
Fries, Anthony J., stencils, soap & box printing dies, 717 Sycamore, Cincinnati, Ohio.
Fries, Beall & Sharp Co., tin plate, 734 10th, N. W., Washington, D. C.
Fries & Co., mchsts. & fndrs., 91 Main, Buffalo, N. Y.
Fries, Geo., Sons, wash boilers, egg beaters, etc., 222 S. Front, Philadelphia, Pa.
Fries, W. E., brick, Milton, Pa.
Friese, G. M., masons' & bldrs.' matls., Rahway, N. J.
Frietchen, Edward, & Bro., soap, Mansfield, Ohio.
Frink Engng. Co., archit., Illuminating Bldg., Cleveland, Ohio.
Frink, I. P., Inc., reflector mfrs., 10th av & 24th, New York.
Frink Pyrometer Co., Lancaster, O.
Frink, S. R., architect, Commerce Bldg., Kansas City, Mo.
Fringer, C. F., canned goods, Lithia, Va.
Frings, Martin, parquet floors, 3639 N. 11th, Philadelphia, Pa.
Frisbee Hardware Co., Connellsville, Pa.
Frisbie Engine & Mach., Co., 33 E. Water, Cincinnati, Ohio.
Frisbie, L. T., Co., fertilizer mfrs., New Haven, Conn.
Frisbie Motor Co., machsts. & fndrs., Middletown, Conn.
Frisch Bros., patterns & models, 29th & Tatnall, Wilmington, Del.
Frisch Toilet Mirror Co., 161 W. 29th, New York.
Frischkorn, Hunter B., mill & facty. supplies, 801 E. Cary, Richmond, Va.
Fritch, Alfred R., architect, Trust Bldg., El Paso, Tex.
Fritch, D. D. & N. D., flour mills, Macungie, Pa.
Fritchey, J. U., & Son, contractors, Lancaster, Pa.
Fritchie Auto. & Battery Co., storage battery trucks, Denver, Colo.
Frith's Union Slaughter House, meat packers, Dubuque, Iowa.
Fritsch Thermometer Mfg. Co., 210 Canal, New York.
Fritschy, A. J., Corp., arch'l iron, 604 Greenwich, New York.
Fritts, D. H., & Co., carved mouldings, 414 N. Wood, Chicago, Ill.
Fritz Bros., dog collars, Meriden, Conn.
Fritz, C. B. & A. K., bldg. contrs., Madison, Wis.
Fritz, Geo., stone producer, 1213 East, N. S., Pittsburgh, Pa.
Fritz, Geo. E., patterns & models, 4 Howard, New York.
Fritz, Geo. J., Fndry. & Mach. Co., 2018 S. 3d, St. Louis, Mo.
Fritz, Herman, architect, 237 Main av, Passaic, N. J.
Fritz, John T., architect, Linton, Ind.
Fritz Mfg. Co., blue print cars & draughting tables, Grand Rapids, Mich.
Fritz, N., contractor, 62 Maywood, Boston, Mass.
Fritz-Rumer-Cooke-Grant Co., contractors, Inter Term bldg, Columbus, Ohio.
Fritz, W. G., Co., contractors, Essex Bldg., Newark, N. J.
Fritz, W. H., masons' & bldrs.' matls., Berwyn, Pa.
Fritz, Wm. H., & Co., lumber, Crozer Bldg., Philadelphia, Pa.
Fritzsche Bros., oils, 82 Beekman, New York.
Fritzche & Kleason, glass, 197 E. Genesee, Buffalo, N. Y.
Fritzell, Oscar, brass fdrs., 51 Chestnut, New Haven, Conn.
Fritzinger, Wm. A., masons' & bldrs.' matls., Slatington, Pa.
Frix, J. J., flour mills, Walnut Grove, Ala.
Friz, Clyde N., architect, Munsey Bldg., Baltimore, Md.
Frizell Ladder Co., 135 Granite av, Boston, Mass.
Frizlen Cut Glass Co., Mt. Holly, N. J.
Frobes & Smith, contractors, Wellsville, Ohio.
Froehlich, Chas. M., heating contrs., Harrisburg, Pa.
Froehling & Robertson, testing laboratories, Real Estate Bldg., Richmond, Va.
Froelich Bros., plumbers' supplies—jobbers, 142 N. 7th, Philadelphia, Pa.
Froerning Bros. Quarry Co., Milwaukee, Wis.
Frog-Switch & Mfg. Co., railroad supplies mfrs., Carlisle, Pa.
Frohe, Leo. P., glass stainers, 220 B'way, Buffalo, N. Y.
Frohlich, Edw., Glass Co., sash, doors & blinds, Detroit, Mich.
Frohman & Martin, architects, Pasadena, Cal.
Frohne, Wm. C., architect, 2463 Davidson av, New York.
Fromberg & Drennan, contrs., Q. & C. Bldg., New Orleans, La.
Froment & Co., iron & steel, 150 Bank, New York.
Fromherz & Drennan, architects, Q. & C. Bldg., New Orleans, La.
Fromm, G. A., radiation calculators, 85 Hawthorn, Brooklyn, N. Y.
Fromm, S., sweaters, cardigans, etc., 93 Underhill av, Brooklyn, N. Y.
Frommann & Jebsen, architects, 64 W. Randolph, Chicago, Ill.
Front Drive Motor Co., 16th & Willow av, Hoboken, N. J.
Front & Morrison, paint mfrs., Portland, Ore.
Frontenac Motor Co., 1547 Gd. River av, Detroit, Mich.
Frontier Brass Fdry., Niagara Falls, N. Y.
Frontier Brick Wks., Niagara Falls, N. Y.
Frontier Contr. Co., Morgan Bldg., Buffalo, N. Y.
Frontier Cut Glass Co., Buffalo, N. Y.
Frontier Engine Wks., machsts., 9 Perry, Buffalo, N. Y.
Frontier Iron Wks., 36 Letchworth, Buffalo, N. Y.
Frontier Meter Wks., Buffalo, N. Y.
Frontier Plumbing & Heating Co., 353 Ellicott, Buffalo, N. Y.
Frontier Stone Co., 1003 Fillmore av, Buffalo, N. Y.
Frontier Water & Steam Sup. Co., Buffalo, N. Y.
Frooks Engine Co., 352 1st av, New York.
Frosch, Berthold, landscape architect, 1200 Chislet, Pitts'bg, Pa.
Frost & Adams Co., architects', engineers' & artists supplies, 37 Cornhill, Boston, Mass.
Frost, B. E., archit., 1900 Euclid av, Cleveland, Ohio.
Frost Box Co., packing boxes, Beverly, Mass.
Frost, C. L., & Son, forming machs., Grand Rapids, Mich.
Frost, C. S. & C. H., machsts. & brass fndrs., Watkins, N. Y.
Frost & Chamberlain, architects, 390 Main, Worcester, Mass.
Frost, Chas. S., architect, 105 S. La Salle, Chicago, Ill.
Frost, Chas. S., architect, Capital Bk. Bldg., St. Paul, Minn.
Frost & Cundell, importers, Asiatic products, camphor, 60 Wall, New York.
Frost Engng. Co., farm elec. lighting plants, Evansville, Wis.
Frost, Frederick G., archit., 19 West 44th, New York.
Frost Gear & Forge Co., automobile forgings & gears, Jackson, Mich.
Frost, Geo. T., & Sons, mill & facty. supplies, Paterson, N. J.
Frost, Hy. A., architect, Brattle Bldg., Cambridge, Mass.
Frost Insecticide Co., Arlington, Mass.
Frost-Johnson Lumber Co., Boatsmen Bank Bldg., St. Louis, Mo.
Frost, Jos., contractor, Gary, Ind.
Frost Mfg. Co., machsts. & fndrs., Galesburg, Ill.
Frost Mfg. Co., plumbers' brass goods, Kenosha, Wis.
Frost, N. E., Co., heat generators, 175 W. Jackson blvd, Chicago, Ill.
Frost Paint & Oil Co., 1209-11 Tyler, N. E., Minneapolis, Minn.
Frost Ry. Supply Co., friction draft springs, weather strips, Penobscot Bldg., Detroit, Mich.
Frost-Sibley Lumber Co., Lamison, Ala.
Frost Superior Fence Co., E. 131st, Cleveland, Ohio.
Frost, Willard A., architect, 50 Bromfield, Boston, Mass.
Frost & Winchester Co., contrs., Equity Bldg., Detroit, Mich.
Frost's Veneer Seating Co. (Ltd.), Sheboygan, Wis.
Fruchey Mfg. Co., machsts., 429 Bagg, Detroit, Mich.
Fruchthendler, L., & Co., bathing suit mfrs., 616 E. 5th, N. Y.
Frudden Lumber Co., Ackley, Ia.
Fruehauf Mfg. Co., thermometers, 12 Bleecker, Brooklyn, N. Y.
Fruehauf Trailer Co., auto. truck trailers, 1371 Gratiot av, Detroit, Mich.
Fruehling, G. H., architect, Binz Bldg., Houston, Tex.
Fruen Cereal Co., Western av, S. W. cor. Thomas av, Minneapolis, Minn.
Fruhling, A. G., machinist, Los Angeles, Cal.
Fruin-Bambrick Const. Co., contrs., 800 S. Spring av, St. Louis, Mo.
Fruin-Colnon Contr. Co., 800 S. Spring, St. Louis, Mo.
Fruin Drop Forge Co., 347 Root, Chicago, Ill.
Fruit Belt Preserving Co., canned goods, East Williamson, N. Y.
Fruit Farm Preserving Co., Cedarville, N. J.
Fruit-Ohl Co., mill & facty. supplies, who. hdwe., Sharon, Pa.
Frush, J. P., & Son, contractors, Warsaw, Ind.
Fry, A. M., contractor, Piqua, Ohio.
Fry Art Co., color mfrs., Great Neck, L. I., N. Y.
Fry Bros. & Co., soap, 111 E. Canal, Cincinnati, Ohio.
Fry Bros. Mfg. Co., lawn swings, Richmond, Ind.
Fry Constr. Co., Erie, Pa.
Fry, E. Y., lumber, Stockton, Ga.
Fry, Edw. G., machsts., Lebanon, Pa.
Fry, Frank L., architects, 140 S. Dearborn, Chicago, Ill.
Fry, H. C., Glass Co., auto. lamp lenses, Rochester, Pa.
Fry, J. W., cornices, 1021 Pike, Seattle, Wash.
Fry, Jas. W., contractor, Greenfield, Ind.
Fry, John W., flour mills, Melber, Ky.
Fry, L. E., & Co., motor boat, launch & yacht bldrs., Clayton, N. Y.
Frye & Chesterman, architects, Roanoke, Va.
Frye & Co., meat packers, Seattle, Wash.
Frye, J. Marshall, Co., cross arms (wood), Hattiesburg, Miss.
Frye, Phipps & Co., wholesale hdwe., 23 Pearl, Boston, Mass.
Fryer, David E., & Co., masons' & bldrs.' matls., Seattle, Wash.
Fryer, R. D., turpentine, Sumatra, Fla.
Frymier & Hanna Co., contractors, 25 W. 45th, New York.
F. & S. Motors Co., 219 Becher, Milwaukee, Wis.
Fuchs, Geo. D., contractor, Scranton, Pa.
Fuchs & Lang Mfg. Co., machsts. & fndrs., 119 W. 40th, New York.
Fuchs, Louis, cornices, 76 Vermont, Brooklyn, New York.
Fuchs, Max, Co., sponges, chamois, 244 Pearl, New York.
Fudge, F. E., turpentine, Colquitt, Ga.
Fuehrer, Wm. J., architect, 127 Clifford av, Rochester, N. Y.
Fuel Saver Stove Co., mfrs., Alliance, Ohio.
Fuell & Fuell, archit., 116 W. 39th, New York.
Fuerst Bros. & Co., chemicals, 2 Stone, New York.
Fuerst-Friedman Co., machy. dlrs., 1251 W. 9th, Cleveland, O.
Fuerst Robt., contractor, 2704 Vine, Cincinnati, Ohio.
Fuerste, Chas., machst. & fndr., Guttenberg, Ia.
Fugard, John Reed, archit., 111 N. Monroe, Chicago, Ill.
Fugere, Geo. H., architect, 67 Main, Chicopee Falls, Mass.
Fuhr, Jno. H., architect & contr., Macomb, Ill.

Fuhrer-Ford Milling Co., flour, Mount Vernon, Ind.
Fuhs, Adolph, architect, 302 E. 87th, New York.
Fulcher Brick Co., Nashville, Tenn.
Fuld, Wm., toys, games & nov., 1228 N. Central av, Balto., Md.
Fuldner Constr. Co., Majestic Bldg., Milwaukee, Wis.
Fulflo Pump Co., lubricating, 128 Opera pl, Cincinnati, Ohio.
Fulghum, S. F., & Co., contractors, Pensacola, Fla.
Fulham, W. F., architect, 2130 Berlin, New Orleans, La.
Fulkerson Bros. Handle Co., Puxico, Mo.
Fulkerson, J. C., masons' & bldrs.' matls., Cedar Rapids, Ia.
Fullam Constr. Co., 103 Park av, New York.
Fuller, A. W., flour, Fullers, N. C.
Fuller, Albert B., architect, Reliance Bldg., Kansas City, Mo.
Fuller, Alex. A., architect, 140 N. Dearborn, Chicago, Ill.
Fuller, Andrew D., Co., contractors, 3 Hamilton pl, Boston, Mass.
Fuller, Aug. P., Co., varnish mfrs., Portland, Me.
Fuller Auto. & Wagon Wks., Chattanooga, Tenn.
Fuller Bros., contractors, Frostburg, Md.
Fuller Bros., lumber, Vermontville, Mich.
Fuller Bros., masons' & bldrs.' matls., Charleston, Ill.
Fuller Bros. Co., wrenches, pipe, 139 Greenwich, New York.
Fuller Buggy Co., wagons, Jackson, Mich.
Fuller Canneries Co., Rockefeller Bldg., Cleveland, Ohio.
Fuller Co., dynamo mfrs., Detroit, Mich.
Fuller & Co., masons' & bldrs.' matls., Albany, N. Y.
Fuller & Cooper, machsts., Williamson, N. Y.
Fuller & Delano Co., architects, 44 Front, Worcester, Mass.
Fuller, E. C., Co., machsts., 28 Reade, New York.
Fuller, E. H., canned goods, Stanton, Ky.
Fuller, Elam H., contractor, 416 W. B'way, New York.
Fuller (The) Engineering Co., Allentown Natl. Bank Bldg., Allentown, Pa.
Fuller, Foley & Co., granite, W. Quincy, Quincy, Mass.
Fuller, Frederic, bell fndr., 277 Brook, Providence, R. I.
Fuller & Fuller Co., turmeric, 540 W. Randolph, Chicago, Ill.
Fuller, G. E. & A. I., nails, tacks, pails, buckets, etc., Keene, N. H.
Fuller, G. W., Co., auto. baskets & trunks, Hartford, Conn.
Fuller, Geo. A., architect, 18 Tremont, Boston, Mass.
Fuller, Geo. A., Co., contractors, Penobscot Bldg., Detroit, Mich.
Fuller, Geo. A., Co., contractors, 175 5th av, New York.
Fuller, Geo. A., Constr. Co., Dwight Bldg., Kansas City, Mo.
Fuller, Geo. H., contractor, Chicago Heights, Ill.
Fuller, Geo. H., & Son Co., band saw & gold solder, Pawtucket, R. I.
Fuller & Goepp, plate glass, 34 Davis, San Francisco, Cal.
Fuller-Goodman Co., lumber, Oshkosh, Wis.
Fuller, H. B., Co., adhesives, 188 W. 3d, St. Paul, Minn.
Fuller & Heller Hdwe. Co. (wholesale), Muscatine, Ia.
Fuller Iron Wks., founders, 40 Tockwotton, Providence, R. I.
Fuller, J. D., masons' & bldrs.' matls., Montville, Ga.
Fuller, J. J., mfgr. & contr. in gen'l. & spec'l. woodwork, Westfield, Mass.
Fuller, J. N., Co., architects, Winfield, Kan.
Fuller & Johnson Mfg. Co., gasoline & kerosene engines, Madison, Wis.
Fuller, L. A., woodenware mfr., Marlboro Depot, N. H.
Fuller-Lehigh Co., car wheels & axles, Fullerton, Pa.
Fuller, Lemuel, lbr., Amherst, N. H.
Fuller, Louis E., inks, 226 W. 75th, New York.
Fuller, M. W., architect, Fort Collins, Colo.
Fuller Mfg. Co., machsts. & fndrs., New Haven, Conn.
Fuller, Otis L., Co., shear mfrs., Goshen, Ind.
Fuller, Ralph L., & Co., Inc., chemicals, 2 Rector, New York.
See adv. index at end of book.
Fuller & Robinson Co., architects, 95 State, Albany, N. Y.
Fuller, Samuel B., architect, Pawtucket, R. I.
Fuller-Saxton Co., paper bag machy., Drexel Bldg., Phila., Pa.
Fuller & Sons Mfg. Co., auto clutches & transmissions, Kalamazoo, Mich.
Fuller, Thos. J. D., architect, 806 17th, N. W., Washington, D. C.
Fuller, W. C., Co., mill & facty. supplies, Mansfield, Mass.
Fuller, W. P., & Co., plate glass, varnish, 301 Mission, San Francisco, Cal.
Fuller-Warren Co., stove mfrs., 930 32d, Milwaukee, Wis., & Troy, N. Y.
Fuller & Warren Co., warm air furnaces, gas ranges, etc., 256 Water, New York.
Fuller, Wm., contractor, 83 Adams, Rochester, N. Y.
Fuller, Wm. A., masons' & bldrs.' matls., sash, door & blind, Clinton, Mass.
Fuller's Elec. Stone Wks., Utica, N. Y.
Fuller's, G., Sons, steam engines, machsts. & fndrs., Hallowell, Me.
Fullerton, Clarence A., architect, 386 5th av, New York.
Fullerton, D., & Co., meat packers, Paterson, N. J.
Fullerton Krueger Lumber Co., 915 Lbr. Ex., Minneapolis, Minn.
Fullerton Lumber Co., Minneapolis, Minn.
Fullerton-Powell Hardwood Lumber Co., East St. Louis, Ill.
Fullgraf, C. W., landscape arch., Chemical Bldg., St. Louis, Mo.
Fullington, E. M., masons' & bldrs.' matls., Clearfield, Pa.
Fullman, John G., contractor, E. E. Trust Bldg., Pittsburgh, Pa.
Fullwider & Kernodle, contractors, Lebanon, Ind.
Fulmer, Bennett R., contractor, Greensburg, Pa.
Fulmer, C. F., timers, spark, Plainfield, N. J.
Fulmer & Henderson, masons' & bldrs.' matls., Stenton av., Gtn., Philadelphia, Pa.
Fulmer, J. H., roof snow guards, Nazareth, Pa.
Fulper, Edward B., hydrocarbon oils, caustic, soda, etc., Trenton, N. J.
Fulper Pottery Co., water filters & coolers, Flemington, N. J.
Fulton, Allan W., & Co., naval archs., 602 E. Pratt, Balto., Md.
Fulton Asphalt Co., 53 W. Jackson blvd., Chicago, Ill.
Fulton Bag Co., Fulton, N. Y.
Fulton Bag & Cotton Mills, Atlanta, Ga.
Fulton Bell Co., drink mixers, 451 Greenwich, New York.
Fulton Brick & Tile Co., Fulton, Ohio.
Fulton Brick Wks., Richmond, Va.
Fulton Bros., contractors, 19 Warren, Albany, N. Y.
Fulton & Butler, architects, Uniontown, Pa.
Fulton, C. E., ship builders, Wilmington, Cal.
Fulton, C. K., & Co., sash, door & blind, 1428 2d, N., Minneapolis, Minn.
Fulton Co., auto. horns, 726 Nat. av, Milwaukee, Wis.
Fulton Co., machsts. & fndrs., Knoxville, Tenn.
Fulton-Conway & Co., wholesale hardware, Louisville, Ky.
Fulton Cornice & Skylight Wks., 5 Rivington, New York.
Fulton County Home Builders, Atlanta, Ga.
Fulton County Silk Mills, knitted gloves, Gloversville, N. Y.
Fulton Drop Forge Co., Canal Fulton, Ohio.
Fulton Engine Wks., Los Angeles, Cal.
Fulton Fire Brick Co., Fulton, Mo.
Fulton Foundry Co., 1209 Marquette av, Cleveland, Ohio.
Fulton Fdry. & Mach. Co., 21 Furman, Brooklyn, N. Y.
Fulton, Geo., Jr., architect, 191 Church, New Haven, Conn.
Fulton Glass Co., 715 Fulton, Chicago, Ill.
Fulton, H. K., corn brooms, 107 E. 4th, Wilmington, Del.
Fulton Harwood Brass Fdry. Co., South Bend, Ind.
Fulton Iron Wks., anvil, blocks, upsetters, etc., Detroit, Mich.
Fulton Iron Works, sugar machy., 1295 Delaware av, St. Louis, Mo.
Fulton Lumber Co., Fulton, Kan.
Fulton Mach. Co., pulleys, vises, etc., Canal Fulton, Ohio.
Fulton Mach. Tool Co., lathes, 1436 Bryan pl, Chicago, Ill.
Fulton Mach. & Vise Co., machsts. & fndrs., Lowville, N. Y.
Fulton Mfg. Co., children's carriages, 1319 S. Mich., Chicago, Ill.
Fulton Mfg. Co., machinists, Erie, Pa.
Fulton, Mehring & Hauser Co., whol. hdwe., York, Pa.
Fulton Metal Bed Mfg. Co., Atlanta, Ga.
Fulton Motor Truck Co., Farmingdale, L. I., N. Y.
Fulton Packing Co., meat, 820 Fulton, Chicago, Ill.
Fulton Pit Car Co., Canal Fulton, Ohio.
Fulton Shipbuilding Co., Wilmington, Cal.
Fulton Shoe Polish Co., 289 Pearl, New York.
Fulton Spec. Co., metal nov. & spec., Fulton, N. Y.
Fulton Spec. Co., rubber type, Elizabeth, N. J.
Fulton Stone Co., Fulton, Ohio.
Fulton Steel Corpn., Fulton, N. Y.
Fulton Supply Co., mill & facty. supplies, Atlanta, Ga.
Fulton Supply Co., plumbers' supplies—jobbers, 1600 Fulton. Chicago, Ill.
Fulton & Taylor, architects, Hippodrome Bldg., Cleveland, Ohio.
Fulton Tool Co., drills, etc., Huntington, W. Va.
Fulton Tool Wks., Canal Fulton, Ohio.
Fulton & Walker Co., ambulances, police wagons, 20th & Filbert, Philadelphia, Pa.
Fulwider, W. A., Co., lbr. mfrs., Bloomington, Ind.
Funck, Philip, Corp., machinists, Rochester, N. Y.
Funda, Henry, contractor, 201 Edison, Syracuse, N. Y.
Funk Bros. Mfg. Co., machinists, Chicago Heights, Ill.
Funk, H. E., architect, 253 B'way, New York.
Funk, J. M., sash, door & blind mfr., Waynesburg, Pa.
Funk, Jos. P., & Co., meat packers, 1024 N. Main, St. Louis, Mo.
Funk & Wilcox, architects, 120 Boylston, Boston, Mass.
Funke, Ferdinand, Sons, paper & pulp mills, Evansville, Ind.
Funkhouser, R. J., & Co., ties, poles & posts, Hagerstown, Md.
Funsten Clay Products Co., 55 New Montgomery, San Fran., Cal.
Funston, Edmund B., Co., architects, Robinson Bldg., Racine, Wis.
Fuqua Hardware Co., Baton Rouge, La.
Fuqua, J. J., flour mills, Milan, Tenn.
Fuquay, D. F., archit., Daytona Beach, Fla.
Fur Trade Review, 1181 B'way, New York.
Furber, Stockford & Co., lumber, 89 State, Boston, Mass.
Furber, Wm. C., architect, 418 Walnut, Philadelphia, Pa.
Furhman, Louis P., meat packer, 1010 Clinton, Buffalo, N. Y.
Furlong, Andrew J., scrap iron, Norristown, Pa.
Furlong, Jas., contractor, Monadnock Bldg., San Francisco, Cal.
Furlong, Jno. W., & Co., contrs., 46 Benevolent, Providence, R. I.
Furlong, Thos. N., cement laundry trays, 360-364 Fell, San Francisco, Cal.
Furlow Pressed Brick Co., Los Angeles, Cal.
Furman Farm Improvement Co., fertilizer, Atlanta, Ga.
Furnald, John C., machsts. & fndrs., Rochester, N. H.
Furnam, Edw., brick, Sayreville, N. J.
Furness Bros. Co., machsts. pumps, etc., 1613 W. Walnut, Chicago, Ill.
Furness, Evans & Co., architects, Franklin Bk. Bldg., Phila., Pa.
Furniture Industry, trade publication, Evansville, Ind.
Furniture Journal, trade publication, 610 S. Dearborn, Chicago, Ill.

Furniture Mfr. & Artisan, trade publications, Grand Rapids, Mich.
Furniture World, trade publication, 15 W. 38th, New York.
Furr & Kerr, flour mills, Broad Run, Va.
Furrow, Edw., architect, I. O. O. F. Bldg., Springfield, Ill.
Furst-Clark Construction Co., Fidelity Bldg., Baltimore, Md.
Furst, John E. K., architect, 624 Madison av, Chicago, Ill.
Furst-Kerber Cut Stone Co., 2301 S. La Salle, Chicago, Ill.
Furstenau, Martin C., naval architect, 308 Walnut, Phila., Pa.
Furstenberg Bros., lbr. mfrs., Saginaw, Mich.
Furtman, Aug. J., cornices, 2453 Walnut, Milwaukee, Wis.
Furukawa & Co., Ltd., metal imp., 120 B'way, New York.
Fusco, Donato, contractor, Montclair, N. J.
Fuss, J. C., grain cradles, Kauffman, Pa.
Futurity Investment Co., lumber, Bellingham, Wash.
Fyans, Fraser & Blackway Co., mill & facty. supplies, Fall River, Mass.
Fyfe, Alex. Co., machinist, 652 W. 44th, New York.
Fyr-Fyter Co., fire extinguishers, Dayton, Ohio.
Fyricide Mfg. Co., fire extinguishers, 124 W. 80th, New York.
Fyro Extinguisher Co., fire, Syracuse, N. Y.
Fyster, Weiser & Co. (Ltd.), bark mills, York, Pa.

G. A. Ball Bearing Mfg. Co., 3051 W. Lake, Chicago, Ill.
Gabbert Lumber Co., Mattoon, Ill.
Gabel Mfg. Co., poppers (corn), Hawkeye, Ia.
Gabel Packing Co., meat, 221 N. Peoria, Chicago, Ill.
Gabell, W. T., masons' & bldrs.' matls. 2308 N. 29th, Phia., Pa.
Gabelle, Henry C., architect, 1900 Euclid av, Cleveland, Ohio.
Gable, H. A., whol. hdwe., Harrisburg, Pa.
Gable, R. F., architect, Bushnell Bldg., Springfield, Ohio.
Gabler Constr. Co., 402 Hudson, New York.
Gabler, Ernest, & Bro., pianos, 347 Rider av, New York.
Gabriel Mfg. Co., horns, shock absorbers, Cleveland, Ohio.
Gabriel Reinforcement Co., concrete reinfg. matls., Penobscot Bldg., Detroit, Mich.
Gabriel & Schall, chemicals, 295 B'way, New York.
Gabriel, W. H., Carriage & Wagon Co., 315 Prospect av, N. W., Cleveland, Ohio.
Gaddis, John W., architect, Vincennes, Ind.
Gade Bros. Mfg. Co., engines, Iowa Falls, Ia.
Gade, John Allyne, archit., 15 West 38th, New York.
Gadfield, C. L., machinist, Millersburg, Ohio.
Gadsden Contracting Co., Savannah, Ga.
Gadsden Fertilizer & Gin Co., Gadsden, Ala.
Gadsden Foundry Co., Gadsden, Ala.
Gadsden Hardware & Supply Co., Gadsden, Ala.
Gadsden Pipe Co., Gadsden, Ala.
Gaenslen, Fred'k B., architect, Alamo Bk. Bldg., San Antonio, Tex.
Gaertner, Otto, architect, 339 Palmer av, Yonkers, N. Y.
Gaertner, Wm., & Co., laboratory app. & supplies, 5349 Lake Pk. av, Chicago, Ill.
Gaetjens, Chas. F., embossing inks, 626 4th av, Brooklyn, N. Y.
Gaffage, J. S., & Co., gas engines, Greenport, N. Y.
Gaffga, J. S., & Co., machsts, Greenport, N. Y.
Gaffney, B., & Sons, contractors, Saratoga Springs, N. Y.
Gaffney Constr. Co., 1927 Poplar, Philadelphia, Pa.
Gaffney, J. J., architect, 437 S. 2nd, Louisville, Ky.
Gaffney, J. W., Son, contractors, masons' & bldrs.' matls., 427 E. Main, Waterbury, Conn.
Gaffney Mfg. Co., cotton sheetings, Gaffney, S. C.
Gaffney Wood Products Co., wood alcohol, Bradford, Pa.
Gaffy & Keefe Construction Co., 245 Kalamath, Denver, Colo.
Gage, Carl A., architect, Auditorium Bldg., Minneapolis, Minn.
Gage, E. E., Mfg. Co., knives, Gardner, Mass.
Gage, Elbridge G., brick, Dover, N. H.
Gage Elwell Milling Co., flour, Fulton, N. Y.
Gage, G. L., Co., masons' & bldrs.' matls., Lawrence, Mass.
Gage & Gemin, architects, 220 E. 6th, Dayton, Ohio.
Gage, John S., netting, 510 B'way, New York.
Gage, L. H., Lbr. Co., 32 Westminster, Providence, R. I.
Gage Roller Mills, flour, Gage, Okla.
Gage, S. Edson, architect, 28 E. 49th, New York.
Gage Structural Steel Co., 3141 S. Hoyne av, Chicago, Ill.
Gage, Thos. G., Co., contractors, 111 W. Monroe, Chicago, Ill.
Gage Tool Co., machsts., Vineland, N. J.
Gage, W. M., lbr. mfrs., 735 W. Green, Louisville, Ky.
Gager Lime & Mfg. Co., Chattanooga, Tenn.
Gaggin & Gaggin, architects, University blk, Syracuse, N. Y.
Gagley, Jos., & Son, spokes, Baldknob, Ark.
Gagnier Bros., contrs., Springfield, Mass.
Gagnon & Co., contractors, Billings, Mont.
Gahagan, Walter H., caisson foundations & contr., 147 Remsen, Brooklyn, N. Y.
Gahagan's, J., Sons, sashes, doors & blinds, Hoboken, N. J.
Gahan, Wm. G., architect, 254 Huguenot, New Rochelle, N. Y.
Gaidry, L. R., concrete flooring, 305 Baronne, New Orleans, La.
Gain, Robert, Co., paper cups, 50 Washington, Brooklyn, N. Y.
Gainer, F. H., stamping, Plainville, Conn.
Gaines, Joseph K., shoe display firms, 467 C, N. W., Washington, D. C.
Gaines, L. P., flour, Cave, Ga.
Gaines, Thos. P., masons' & bldrs.' matls., Sherburne, N. Y.
Gainesville Brick Co., Gainesville, Tex.
Gainesville Fdry. & Mach. Wks., Gainesville, Fla.
Gainesville Iron Wks., Gainesville, Ga.
Gainesville Planing & Coffin Co., Gainesville, Fla.
Gainesville Roller Mills Co., flour, Gainesville, Ga.
Gair & Binderup, Denver, Colo.
Gair, Robert, Co., packing & corrugated paper & boxes, labels, etc., 50 Washington, Brooklyn, N. Y.
Gaiser, W. H., carriages, Wichita, Kans.
Gaisford, Jno., architect, Goodwyn Institute Bldg., Memphis, Tenn.
Gaites, Peace & Co., elec. light fix. mfrs., 204 Willoughby, Brooklyn, N. Y.
Galansky, Thos., scrap iron, Alliance, Ohio.
Galard Co., bath room fix., 327-341 6th av, Newark, N. J.
Galber, John, contractor, Seattle, Wash.
Galbert, Thos., brick, West Farmington, Me.
Galbraith, B. G., asphalt paving contrs., Harrisburg, Pa.
Galbraith, Bacon & Co., masons' & bldrs.' matls., Seattle, Wash.
Galbraith, John, pckg. box mfrs., 619 Commerce, Phila., Pa.
Galbraith Paving Co., 3732 Old York rd, Philadelphia, Pa.
Galbraith, T. J., architect, Slaughter Bldg., Dallas, Tex.
Galbraith, W. A., cornices & skylights, Opelika, Ala.
Gale, Conrad H., packing box, Tully, Mass.
Gale Mfg. Co., agricultural implements, Albion, Mich.
Gale, O. Milton, machsts., Syracuse, N. Y.
Galena Clay Products Co., Galena, Ohio.
Galena Foundry & Machine Co., Galena, Kans.
Galena Iron Works Corp., machsts. & fndrs., Galena, Ill.
Galena Signal Oil Co., Franklin, Pa.
Galesburg Coulter Disc Co., agric. implts., Galesburg, Ill.
Galesburg Machine Works, Galesburg, Ill.
Galesburg Malleable Castings Co., Galesburg, Ill.
Galesburg Sheet Metal Works, ventilators, Galesburg, Ill.
Galesburg Spec. Wks., lawn mower oilers, Galesburg, Ill.
Galesburg Writing Mach. Co., machsts. & fndrs., Galesburg, Ill.
Galet, A., plate and window glass, 121 Mission, San Francisco, Cal.
Galeton Stave & Heading Co., cooperage stock, Galeton, Pa.
Galewski, A., & Son, bags, boxes, belts, straps, etc., 453 Broome, New York.
Galewski, David, traveling bags, 181 Mercer, New York.
Galewski, S., traveling bags, 261 Canal, New York.
Galey Hardware Co., Chester, Pa.
Galigher Machinery Co., Salt Lake City, Utah.
Galion Brass & Bronze Fndry. Co., Galion, Ohio.
Galion Dynamic Motor Truck Co., Galion, Ohio.
Galion Handle & Mfg. Co., Galion, Ohio.
Galion Iron Works & Mfg. Co., machsts. & fndrs., Galion, Ohio.
Galion Lumber Co., Galion, Ohio.
Galion Metallic Vault Co., Galion, Ohio.
Gall, Chas. H., granite, 127 N. Dearborn, Chicago, Ill.
Gall Cure Collar Pad Co., Richmond, Ind.
Gall, H. L. C., architect, 10 E. 14th, New York.
Gall, Jas. E., machsts. & fndrs., Wakarusa, Ind.
Gall, Wm., stone producers, Ableman, Wis.
Gallagher, B., & Son, contractors, 134 B'way, Brooklyn, N. Y.
Gallagher, Bernard, drills, Lynn, Mass.
Gallagher Bros., masons' & bldrs.' matls., Wallingford, Conn.
Gallagher Bldg. Co., contractors, 257 Courtland, Bridgeport, Conn.
Gallagher & Co., contractors, 501 W. 145th, New York.
Gallagher, D. F., & Co., arch. iron, 37 Commercial whf., Boston, Mass.
Gallagher, Dan'l J., Mfg. Co., cotton waste, 513 S. Clinton, Chicago, Ill.
Gallagher, E. J., contractor, Crocker Bldg., San Francisco, Cal.
Gallagher, Frank J., contractor, 490 Park pl., Brooklyn, N. Y.
Gallagher, John, Co., contr. tents, Madison, Wis.
Gallagher Mfg. Co., machsts., Lynn, Mass.
Gallagher, P. J., glass, mirrors, etc., 24 New Chambers, New York.
Gallagher's, Jas., Sons, brass fndrs., 87 Centre, New York.
Gallaher, Louis, Co., masons' & bldrs.' matls., Savannah, Ga.
Gallaher & Speck, freight elevators & heating contrs., 215 Congress, Chicago, Ill.
Galland-Henning Mfg. Co., hydraulic presses, etc., Railway Exchange Bldg., Milwaukee, Wis.
Gallaway, G. W., lubrg. oils, 322 Pearl, New York.
Gallbraith, C. C., & Son, life boats & preservers, clinch rings, etc., 49 West, New York.
Gallery, John J., contractor, 133 W. Washington, Chicago, Ill.
Galle, W. F., & Co., lbr., 1262 Budd, Cincinnati, Ohio.
Galley Bros., carriages, Mount Pleasant, Pa.
Gallick, Jos., contractor, 469 Concord av, New York.
Gallie Machine Works, 429 Tehama, San Francisco, Cal.
Galligan, Thos., Inc., contractor, 518 E. 23rd, New York.
Galliher, C. F., architect, Bell Bldg., Montgomery, Ala.
Gallin, Jno., & Son, contractors, 6 Gold, New York.
Gallison, F. L., fndr. & castings, Lawrence, Mass.
Gallison, Wm. H., Co., mill & facty. supplies, plumbers' supplies, jobbers, 399 Atlantic av, Boston, Mass.
Gallivan Building Co., Greenville, S. C.
Gallivan, Jerry A., Co., heating contrs., Muncie, Ind.
Gallo Bros., contrs., Netcong, N. J.
Galloup, J. O., mill & facty. supplies, Battle Creek, Mich.
Galloway, A. T., rye and wheat flour, Oakdale, Neb.
Galloway, Jas., Co., wholesale hdwe., 121 W. Pratt, Balto., Md.

Galloway, Kennedy Co., plow beams & wagon wheels, Clarendon, Ark.
Galloway, P. W., contractor, Racine, Wis.
Galloway-Pease Co., lbr. mfrs., Saginaw, Mich.
Galloway, R. L., flour mills, Falmouth, Ky.
Galloway Terra Cotta Co., fountains, etc., 3202 Walnut, Philadelphia, Pa.
Galloway & Wagner, carriages, 303 W. 53d, New York.
Galloway, Wm., Co., agricultural implements, Waterloo, Ia.
Galloy & Van Etten, stone, 11756 S. Halsted, Chicago, Ill.
Gallum & Weltzien, cornices, 845 Kinnickinnic av, Milwaukee, Wis.
Gallup Hdwe. Co., mill & facty. supplies, Cortland, N. Y.
Gallup & Lewis, mattresses, Jackson, Mich.
Gallup Ruffling Handle Co., Norwalk, Ohio.
Galpin's, Alfred, Sons, wholesale hdwe., Appleton, Wis.
Galusha Stove Co., 167 Court, Rochester, N. Y.
Galva Heater Co., Galva, Ill.
Galvanized Products Co., hardware mfrs., Phillipsburg, N. J.
Galveston Creosoting Co., Galveston, Tex.
Galveston Wharf Co., Galveston, Tex.
Galvin, A. J., contractor, Lennox Bldg., Cleveland, Ohio.
Gamage, J. W., & Co., masons' & bldrs.' matls.. Norfolk, Va.
Gamage, John O., masons' & bldrs.' matls., Norfolk, Va.
Gamble Bros., lumber, Highland Park, Ky.
Gamble & Bryan, contrs., East Liverpool, Ohio.
Gamble, Chas. M., archit., 2412 Putnam, Toledo, O.
Gamble Const. Co., 620 Chestnut, St. Louis, Mo.
Gamble, Gheen & Co., flour mills, Bellefonte, Pa.
Gamble Hardware Co., Wetumpka, Ala.
Gamble, Jas., contractor, 15 William, New York.
Gamble, L. M. F., contrs., Mexico, Mo.
Gamble Lumber Co., Brewster, Wash.
Gamble, R. L., architect, Topeka, Kans.
Gamble, Samuel, Co., contractors, Carnegie, Pa.
Gamble & Stockton Co., brick, Jacksonville, Fla.
Gambrill, C. A., Mfg. Co., flour mills, 104 Commercial, Baltimore, Md.
Gambrill & Melville Mills Co., towels, Havre De Grace, Md.
Gamer Co., machinists & fndrs., Fort Worth, Tex.
Games Fndry. Co., Ensley, Ala.
Gamewell Co., jigs & fixtures, Newton Upper Falls, Mass.
Gamewell Fire Alarm Tele. Co., elec. bells, fire alarm insts., machsts. & fndrs., 70 E. 45th, New York.
Gammeter, W. F., furnaces, Cadiz, Ohio.
Gammino, Frank A., contrs., 331 B'way, Providence, R. I.
Gamon Meter Co., mchsts. & fndrs., 282 South, Newark, N. J.
Gamp, Hy. S., contractor, 1935 Clinton av, New York.
Gamwell, C. C., masons' & bldrs.' matls., Pittsfield, Mass.
Ganado Mill & Elevator Co., rice, Ganado, Tex.
Ganahl, C., Lumber Co., Los Angeles, Cal.
Ganal Lumber Co., Newstead & Duncan, St. Louis, Mo.
Gander, A., & Sons, constrs., 14 Osborn, Albany, N. Y.
Gancher, T. A., adding machs., 148 Duane, New York.
Gandy (The) Belting Co., belting manfrs., 749 W. Pratt, Baltimore, Md.
Gandy, Wm. H. (Estate of), paper-cotton tissue, Lambertville, N. J.
Gangelhoff Bros., bedsteads, 909 S. 2d, Minneapolis, Minn.
Gangewere, Wm. H., & Co., contractors, Allentown, Pa.
Gangwer & Co., machsts., La Porte, Ind.
Gannaway, Jno. E., & Co., wholsale hardware, Lynchburg, Va.
Gannett Electrical Co., facty. trucks, 55 Pine, Providence, R. I.
Gannon Bros., contractors, West Newton, Mass.
Gannon, Michael G., granite producers, Concord, N. H.
Gano, Moore & Co., pig iron dlrs., Land Title Bldg., Phila., Pa.
Ganos & Smith, turpentine, Huntington, Fla.
Gans Bros., umbrella mfrs., 100 Hanover, Baltimore, Md.
Ganschow, Wm., Co., gears, 1001 Washington blvd, Chicago, Ill. *See adv. index at end of book.*
Ganter, F. X., & Co., store fixtures, cor. Sharp & Ostend, Baltimore, Md.
Ganther & Kroyer, contrs., Oshkosh, Wis.
Gantner & Mattern Co., sweaters, etc., Grant av & Post, San Francisco, Cal.
Gantner, Wm., Co., cornices & skylights, 9 Del Ray, Pittsburgh, Pa.
Gantt Mfg. Co., agricultural implements, Macon, Ga.
Gara-McGinley Co., steel awnings, ceilings, cornices & skylights, etc., 23 S. 17th, Philadelphia, Pa.
Garage Constr. Co., Grand & Oliver, Pittsburgh, Pa.
Garber, I. C., contractor, Jackson, Miss.
Garber, Jos. S., brick, Pottstown, Pa.
Garber Mill & Elevator Co., flour, Garber, Okla.
Garber & Wilbarger Co., machsts., Harrisonburg, Va.
Garber & Woodward, architects, Union Central Bldg., Cincinnati, Ohio.
Garbutt & Weidner, architects, Casper, Wyo.
Gard Pattern Co., Denver, Colo.
Gardam, Wm., & Son, machsts., 114 Park pl., New York.
Garden City Canning Co., Provo, Utah.
Garden City Chandelier Co., 552 W. Jackson blvd., Chicago, Ill.
Garden City Fan Co., blowers, exhaust fans, etc., machsts. & Fndry., 332 S. Michigan, Chicago, Ill.
Garden City Feeder Co., Pella, Ia.
Garden City Laboratory, soldering flux, etc., 161 W. Harrison, Chicago, Ill. *See adv index at end of book.*
Garden City Plating & Mfg. Co., 1430 S. Talman av, Chicago, Ill.
Garden City Pottery Co., San Jose, Cal.
Garden City Sand Co., Chamber of Commerce Bldg., Chicago, Ill.
Garden City Spring Wks., 2300 Archer, Chicago, Ill.
Garden City Tablet Co., pads, Elkhart, Ind.
Garden, Edw. G., architect, Phelan Bldg., San Francisco, Cal.
Garden, F. M., & Co., contractors, 251 Kearney, San Francisco, Cal.
Gardiner, Beardsell & Co., shoe counters, 50 Lincoln, Boston, Mass.
Gardiner, Clarence H., architect, Rensselaer, N. Y.
Gardiner, E. W., mill & facty. supplies, Amsterdam, N. Y.
Gardiner, Hy., granite producers, Millstone, Conn.
Gardiner Metal Co., 1364 W. Lake, Chicago, Ill.
Gardiner Mill Co., lumber, 16 California, San Francisco, Cal.
Gardiner Paint Co., 258 Broadway, New York.
Gardiner Storage Battery Co., 50 East 51st, Chicago, Ill.
Gardiner, Thos. W., & Sons, wooden shoe lasts, Lynn, Mass.
Gardiner, W. B., Co., masons' & bldrs.' matls., Annapolis, Md.
Gardner, A. D., flour, Stayton, Ore.
Gardner, B. M., Co., brass, copper, bronze rods, sheets & tubes, Guardian Bldg., Cleveland, Ohio.
Gardner Broom Co., Amsterdam, N. Y.
Gardner Bros., flour mills, Leetown, W. Va.
Gardner-Bryan Co., machsts. & fndrs., Williamson Bldg., Cleveland, Ohio.
Gardner Carburetor & Brass Works, Shreveport, La.
Gardner, Clarence, architect, Penn Mutual Bldg., Phila., Pa.
Gardner, Colin, Paper Co., Middletown, Ohio.
Gardner & Co., soap, 222 E. 34th, New York.
Gardner, David P., & Son, sash, door & blind mfrs., 49 Fleet pl, Brooklyn, N. Y.
Gardner & Doughtie, contractors, Columbus, Ga
Gardner, E. C. & G. C., architects, 33 Lyman, Springfield, Mass.
Gardner, E. J., Axle & Mach. Co., Carlisle, Pa.
Gardner Elec. Drill & Machy. Co., Cleveland, Ohio.
Gardner, Everett M., architect, 198 Hollywood av, Lowell, Mass.
Gardner General Foundry Co., Gardner, Mass.
Gardner Governor Co., engines, pumps, regulators, etc., 23 Williamson, Quincy, Ill.
Gardner Grate Co., gauge glass protectors, 21 Burgess, Boston, Mass.
Gardner, H. S., architect, Ackerman Bldg., Binghamton, N. Y.
Gardner Hardware Co., 304 Henn av, Minneapolis, Minn.
Gardner-Harvey Paper Co., Middletown, Ohio.
Gardner, I. E., masons' & bldrs.' matls., Hackensack, N. J.
Gardner, J. H., architect, Fort Scott, Kans.
Gardner, Jas. Jr., Co., fire brick, gas retort benches, etc., Bolivar, Pa.
Gardner, John M., architect, Granby Bldg., Cedar Rapids, Ia.
Gardner, Jos., cornices, Indianapolis, Ind.
Gardner, L. H., Paper Co., Mumford, N. Y.
Gardner, Louis M., architect, Phelan Bldg., San Francisco, Cal.
Gardner, M. B. & L. B., brick, Hackensack, N. J.
Gardner Mach. Co., Beloit, Wis.
Gardner Machine Works, Gardner, Mass.
Gardner & Meeks Co., masons' & bldrs.' matls., Guttenburg, N. J.
Gardner Mill Co., sash, door & blind mfrs., 2415 Elston av, Chicago, Ill.
Gardner, O. C., lumber mfrs., West Burlington, N. Y.
Gardner Paper Board Co., Middletown, Ohio.
Gardner, Peterman & Co., lumber mfrs., Saginaw, Mich.
Gardner, R., Electrical Works, forge blowers, 1712 Columbus rd, Cleveland, Ohio.
Gardner, Robt. W., 43 Cedar, New York.
Gardner, S. J., Fdry. & Machine Co., New Albany, Ind.
Gardner Sash Pulley Co., hdwe. mfrs., 15 N. Jeff.. Chicago, Ill.
Gardner-Stedman Co., transformers, 160 N. 5th, Chicago, Ill.
Gardner, T. W., architect, Stahlman Bldg., Nashville, Tenn.
Gardner, William, & Co., naval architects, 1 B'way, New York.
Gardner Wire Co., auto. belts, 5646 Race av, Chicago, Ill.
Gardner Wood Co., lumber, 3 West 14th, New York.
Garetson-Greason Lbr. Co., cypress & gum, St. Louis, Mo.
Garetson Mfg. Co., mattresses, San Diego, Cal.
Garey & Co., canned goods, Denton, Md.
Garfield, Abram, architect, Garfield Bldg., Cleveland, Ohio.
Garfield Bronze & Iron Works, Garfield, N. J.
Garfield Fire Clay Co., Robinson, Pa.
Garfield Mach. Wks., screw machine products, Garfield, N. J.
Garfield Mfg Co., moulded heat proof insulation, Garfield, N. J.
Garfield Smelting Co., Salt Lake City, Utah.
Garford Engineering Co., Elyria, Ohio.
Garford Mfg. Co., elec'l horns, talking machines, elec. lighting system, Elyria, Ohio.
Garford Motor Truck Co., Lima, Ohio.
Garl Electric Co., Akron, O.
Garland, F. V., Co., trunks, 42 E. 6th, St. Paul, Minn.
Garland, M., Co., machsts. & fndrs., Bay City, Mich.
Garland Mfg. Co., textile machy., supplies, Saco, Me.
Garland Nut & Rivet Co., First Nat'l Bank Bldg., W. Pittsburgh, Pa.
Garlock Packing Co., Palmyra, N. Y.
Garman, A. St. Clair, lbr., 8th, Bel. Diamond, Philadelphia, Pa.
Garman Bros., arch'l iron, 322 E. 75th, New York.
Garman, N. H., & Bro., contractors, Reading, Pa.
Garmen, C., & Sons, contractors, New Brighton, Pa.
Garmen & Forkenbrock, cornices & skylights, New Hampton, Ia.

Garmo Co., sash, door & blind mfrs., Keokuk, Iowa.
Garmroth, Geo., brick, Payne, O.
Garner-Blakely Co., canned goods, Cairo, Ga.
Garner Brick Wks., Haverstraw, N. Y.
Garner Bros., canned goods, Lewisetta, Va.
Garner, J. J., cornices & skylights, Seattle, Wash.
Garner Ventg. Co., 72 Trinity pl, New York.
Garnet Co., special oil manfrs., Allentown, Pa.
Garnet, Geo. H., Co., soaps and disinfectants, Allentown, Pa.
Garnett Corey Hardware Co., Medford, Ore.
Garnett, Herbert, respirators, Box 247, Toledo, Ohio.
Garnich, Emil, & Sons Hardware Co., Ashland, Wis.
Garnier, Emile, masons' & bldrs'. matls., 1601 N. Robertson, New Orleans, La.
Garnier, Joe I., heating contractor, Chattanooga, Tenn.
Garnjost Constr. Co., Yonkers, N. Y.
Garnjost, F. A., contractor, Yonkers, N. Y.
Garns, W. H., architect, Fletcher Sav. & Trust Bldg., Indianapolis, Ind.
Garnsey, Leigh G., contractor, 108 W. 6th, Los Angeles, Cal.
Garon, I., sweaters, etc., Duluth, Minn.
Garot Bros., heating contractors, Green Bay, Wis.
Garot, Edw., contractor, Green Bay, Wis.
Garrabrandt, Wm. E., architect, 566 Main, East Orange, N. J.
Garrabrant Bros., brick, Funk, Neb.
Garrahan Canning Co., Luzerne, Pa.
Garrahan, P. F., cornices, Altoona, Pa.
Garrard Milling Co., flour, Lancaster, Ky.
Garratt-Callahan Co., packing mfrs., boiler compounds & metal polish, 30 Fremont, San Francisco, Cal.
Garratt, W. T., & Co., engines, 299 Fremont, San Francisco, Cal.
Garraty & Co., cornices, 1629 Ransted, Philadelphia, Pa.
Garren & Hines, boilers, Muscatine, Ia.
Garrett Attachment Co., 1328 Broadway, New York.
Garrett, Bryant, flour, Lena, Miss.
Garrett, C. S., & Son Co., paper & pulp mills, 20 S. Marshall, Philadelphia, Pa.
Garrett, E., paper & pulp mills, Chester, Pa.
Garrett, Edwin T., Co., paper & pulp mills, Lansdowne, Pa.
Garrett-Elliott Hdwe. & Heating Co., Denver, Colo.
Garret Go-Cart & Carriage Co., 1728 Arcade pl, Chicago, Ill.
Garrett, J. G., & Son, architects, Gainesville, Tex.
Garrett, J. T., bldg. contr., Fullerton Bldg., St. Louis, Mo.
Garrett, Jas., & Co., masons' & bldrs.' matls., 1432 S. Penn sq, Philadelphia, Pa.
Garrett, Sylvester S., & Co., confetti & paper blankets, 259 S. 3d, Phila., Pa.
Garrett, T. H., Lumber Co., Chemical Bldg., St. Louis, Mo.
Garrett, Urias E., architect, Danville, Ill.
Garrett, W. D., & Co., mill & facty, supplies, 136 Liberty, New York.
Garrett, W. S., architect, Currier Bldg., Los Angeles, Cal.
Garrett, Wilbur R., contractor, 1416 F, N. W., Washington, D. C.
Garrett, Wm., wagon spokes, Canandaigua, N. Y.
Garretts, Hy. G., & Son, plate glass, Quincy, Ill.
Garrigues Sons & Co., chemical engrs., 154 Nassau, New York.
Garrigus, C. G., Mach. Co., Bristol, Conn.
Garrison, A., Fdry. Co., hot sawing machs., 901 Bingham, Pittsburgh, Pa.
Garrison Brass & Mach. Wks., 107 W. 13th, New York.
Garrison Bros. Co., tobacco transplanters, Bridgeton, N. J.
Garrison Co., Inc., mfg. engrs. & sheet metal developments, 183 John, Bridgeport, Conn.
Garrison, G. B., contractor, Rochester, N. Y.
Garrison, J. H. (Est. of), masons' & bldrs. matls., Tully, N. Y.
Garrison, John D., contractor, 1435 Chestnut, Phila., Pa.
Garrison Mach. Wks., Dayton, Ohio.
Garry Iron & Steel Mfg. Co., of New York, 529 W. 23d, New York.
Garry, Jos., & Son, contractors, 418 E. 25th, New York.
Garst, J. B., canned goods, Roanoke, Va.
Garstang, Chas. E., architect, 837 S. Vermont av, Los Angeles, Cal.
Gartelmann, Herman, & Co., machsts., 246 Canal, New York.
Garthe, Wm. Co., contrs., Maryland av & Oliver, Baltimore, Md.
Gartland Fdry. Co., Terre Haute, Ind.
Gartland, P. J., contractor, 74 Spencer, San Francisco, Cal.
Gartland Toledo Fndry. Co., Toledo, Ohio.
Gartman, C. E., mach. & fndr., Denver, Colo.
Gartman, W. D., cornices & skylights, Columbus, Ga.
Gartner, F. B., architect, Prudential Bldg., San Antonio, Tex.
Garton Toy Co., Sheboygan, Wis.
Gartrell, J. Burgess & Co., contractors, 2160 Hollins, Baltimore, Md.
Gartside, Benj. W., Jr., architect, Lane Bldg., Davenport, Ia.
Gartside, W. N., fndry. supplies, Richmond, Ind.
Gartside's Iron Rust Soap Co., 4054½ Lancaster, Phila., Pa.
Garver, Wm. L., architect, Neosho, Mo.
Garvey Bros., contractors, 1911 White Plains rd, New York.
Garvey, James, contractor, New Castle, Ind.
Garvin & Co., cornices, Elkhart, Ind.
Garvin Machine Co., machinery mfrs., 147 Varick, New York.
Garvin, Michael J., architect, 3307 3d av, New York.
Garvis, Benj. E., patterns & models & genl. woodwk., 113-115 Mechanic, Newark, N. J.
Garwood Gas Lamp & Heater Co., Canton, Ohio.
Garwood Bronze & Iron Wks., bench legs, boxes, pots, etc., Garwood, N. J.
Gary Construction Co., Gary, Ind.
Gary Fdry. & Mach. Co., East Gary, Ind.
Gary, James S., & Son, cotton duck mfrs., Baltimore, Md.
Gary Motor Truck Co., Gary, Ind.
Gary Screw & Bolt Co., Gary, Ind.
Gary, Theo. H., Co., chair seats, porch shades, 67 Irving pl, New York.
Gas Age, trade publication, 52 Vanderbilt av, New York.
Gas Appliance Co., The, furnaces, 713 Frankfort av, Cleveland, Ohio.
Gas Consumers' Assn., elec. light fix. mfrs., 467 O'Farrell, San Francisco, Cal.
Gas Engine & Power Co. & Chas. L. Seabury & Co., Morris Heights, New York.
Gas Engng. Co., gas apparatus, etc., Trenton, N. J.
Gas Fixture & Brass Co., elec. & gas, Cleveland, Ohio.
Gas Fraction Fdy. Co., Minneapolis, Minn.
Gas Machinery Co., 1900 Euclid av, Cleveland, Ohio.
Gas Power, trade publication, St. Joseph, Mich.
Gas Power Engng. Co., 213 North av, Milwaukee, Wis.
Gas Record, trade publication, Monadnock blk., Chicago, Ill.
Gasau-Thompson Co., bedstead mfrs., 10 Ashland pl, Bklyn., N. Y.
Gasco Protector Co., respirators, protectors, etc., 1103 North av, Waukegan, Ill.
Gascoigne & Goddard, contractors, 19 Milk, Boston, Mass.
Gascoyne & Co., chemists, 27 S. Gay, Baltimore, Md.
Gaskell, Wm., & Son, bolt, nut & rivet mfrs., 59 Freeman, Brooklyn, N. Y.
GASKET SUPPLY CO., gaskets, washers & sheet metal stamping, 1927 Ludlow, Philadelphia, Pa.
See adv index at end of book.
Gaskill Hardware Co., Newbern, N. C.
Gaskin, Edw., naval architect, Buffalo, N. Y.
Gaskin & Hentz, turpentine, Buckhorn, Fla.
Gaskins Fdry. Co.,, New Bern, N. C.
Gasoline Engine Equipment Co., electric light plant, 30 Church, New York.
Gasparello Bros., granite, Barre, Vt.
Gass, Anthony, cornices & skylights, La Crosse, Wis.
Gass, John, architect, 600 Hastings, Pittsburgh, Pa.
Gass, John H., sash, door & blind mfr., 601 Sackett, Bklyn., N. Y.
Gasser, Chas., contractor, 814 W. Cary, Richmond, Va.
Gassner, A., & Son, contractors, Utica, N. Y.
Gast, A. A., & Son, brick, Akron, Ind.
Gastine Co., gasoline economizers, Bridgeton, N. J.
Gastmeyer, Chas., architect, 1652 Myrtle av, Brooklyn, N. Y.
Gaston Canning Co., Gaston, Ind.
Gaston, G. G., lumber, Tionesta, Pa.
Gaston Iron Wks., Gastonia, N. C.
Gaston Mfg. Co., cotton sheeting, Cherryville, N. C.
Gaston, Williams & Wigmore, machy. dlrs., 140 Broadway, New York.
Gastonia Cotton Mfg. Co., Gastonia, N. C.
Gaston's, N. B., Sons Co., pitless scales, Beloit, Wis.
Gaswell Co., acetylene gas generator, 68 Summit av, Brooklyn, N. Y.
Gatchett, A., & Son, contractors, New Philadelphia, Ohio.
Gate City Coffin Co., Atlanta, Ga.
Gate City Fence Works, Atlanta, Ga.
Gate City Fdy. Co., Kansas City, Mo.
Gate City Mach. Wks., Kansas City, Mo.
Gaterman Mfg. Co., agricultural implements, machsts., Manitowoc, Wis.
Gates Bros. Co., lbr. mfrs., Union City, Ga.
Gates, Chas. M., architect, Ideal Bldg., Denver, Colo.
Gates, Ernest H., architect, Twin Falls, Idaho.
Gates, F. E., Marble & Tile Co., Indianapolis, Ind.
Gates Fdry. Co., machsts. & fndrs., Wilkes-Barre, Pa.
Gates, H. M., & Son, machinists, Houlton, Me.
Gates, J. J., & Co., common brick, Ashland, Ky.
Gates Lumber Co., Wilmar, Ark.
Gates Mfg. Co., auto. tops, Indianapolis, Ind.
Gates, N. S., & Son, cornices, Findlay, Ohio.
Gates, Peace & Co., machsts. & brass fndrs., 665 Manhattan av, Brooklyn, N. Y.
Gatlin, W. R., architect, Hopkinsville, Ky.
Gatterdam, Fred E., brewery architect, 154 W. Randolph, Chicago, Ill.
Gatti, T. C., machst. & fndr., Pascagoula, Miss.
Gaudalupe Valley Cotton Mills, sheetings, Cuero, Tex.
Gauger, A. F., architect, Scandinavian Am. Bk. Bldg., St. Paul, Minn.
Gauger, Jno. A., & Co., sash, door & blind mfrs., etc., 1434 W. 22d, Chicago, Ill.
Gauger, Wm., architect, 36 W. Randolph, Chicago, Ill.
Gaul, Hermann J., architect, 111 W. Washington, Chicago, Ill.
Gauld Co., mill & facty. supplies, plumbers' supplies, jobbers, 69 N. 12th, Portland, Ore.
Gault, Edw. E., architect, Lafayette, Ind.
Gault, Wm. A., & Son, masons' & bldrs.' matls., 9 E. Lexington, Baltimore, Md.
Gaumer, E. B., & Sons, carriages, Urbana, Ohio.
Gaumont Co., moving picture films, Congress av, Brooklyn, N. Y.
Gauntt, F. G., Mfg. Co., mill & facty. supplies, Fort Wayne, Ind.
Gaus, Hy., & Sons Mfg. Co., sash, door & blind mfrs., Main & Clinton, St. Louis, Mo.
Gause & Lynch, architects, Wilmington, N. C.

Gauthier, August, contractor, Hancock, Mich.
Gautier, J. H., & Co., crucible, fire & clay brick, gas retorts, etc., 1 Greene, Jersey City, N. J.
Gavigan, Jas. J. F., architect, Grand Central Terminal, New York.
Gavin & Doris, contractors, 273 Grand, Jersey City, N. J.
Gavin Hardware Co., Leominster, Mass.
Gavin, Jos., mattresses, 1133 S. 8th, Philadelphia, Pa.
Gavin Mirror & Art Glass Wks. mfrs., 275 W. Water, Milwaukee, Wis.
Gavin, Stephen J., Lbr. Co., 6500 Easton av, St. Louis, Mo.
Gawn, D., architect, 11619 Detroit av, Cleveland, Ohio.
Gawthrop, Allen, Jr., hydraulic rams, Wilmington, Del.
Gawthrop, Jos. R., fertilizer mfr., Kennett Square, Pa.
Gay, Chas. P., architect, 1729 P, N. W., Washington, D. C.
Gay, David S., tow, Winchester, Ky.
Gay, E. L., Mach. Co., auto. tools, Southbridge, Mass.
Gay, Fred E., belt lacing, Thornton, R. I.
Gay, Geo. E., machst. & fndr., Augusta, Me.
Gay. Henry Lord, architect, McNeece Bldg., San Diego, Cal.
Gay, J. E., & Co., carriages, Easthampton, N. Y.
Gay, John L., lumber, Suffolk, Va.
Gay Mfg. Co., lamp cord adjusters, Rochester, N. Y.
Gay Oil Co., Little Rock, Ark.
Gay & Proctor, architects, 50 Bromfield, Boston, Mass.
Gay, S. C., Co., spring wagons, Ottawa, Ill.
Gayan Machine Shops, machsts. & fndrs., Logan, W. Va.
Gaydoul Goid Pen Co., 50 John, New York.
Gager Lime & Mfg. Co., Chattanooga, Tenn.
Gayle, M. W., masons' & bldrs.' matls., Newport News, Va.
Gaylord Bros., bags & bagging, Syracuse, N. Y.
Gaylord & Butler Co., steam fitters' supplies, Scranton, Pa.
Gaylord, Chas. E., mechanical draftsman, Marquette Blk., Chicago, Ill.
Gaylord & Eitepence Co., machinery dealers, mill & facty. supplies, 179 Washington, Binghamton, N. Y.
Gaylord Engineering & Constr. Co., Binghamton, N. Y., & Scranton, Pa.
Gaylord Sanitary Mfg. Co., plumbing fixtures, Rochester, N. Y.
Gayner Glass Wks., glass bottles, Salem, N. J.
Gaynor Contracting Co., wood block paving contrs., Scranton, Pa.
Gaynor Elec. Bulb Manipulator Co., incandescent lamp replacers, 24 Wooster, New York.
Gaynor, J. M. & Co., contrs., Wilkes-Barre, Pa.
Gaynor Mfg. Co., machinists, Bridgeport, Conn.
Gaynor, Michael, brick, 30th & Moris, Philadelphia, Pa.
Gaynor, P. F., brass castings, Albany, N. Y.
Gayoso Oil Works, Memphis, Tenn.
Gazzam, H. P., Machine Co., machsts. & fndrs., 32d & Penn av, Pittsburgh, Pa.
G. B. Garage & Mfg. Co., valve reseating tools, Hempstead, N. Y.
G. & C., Foundry Co., Sandusky, Ohio.
G. & D. Mfg. Co., machinists, Streator, Ill.
Geaber, Jos. F., & Bro., fertilizer mfrs., Narragansett Pier, R. I.
Geake, Wm., stone producers, Ft. Wayne, Ind.
Gealy Wrench & Mfg. Co., Grove City, Pa.
Gear Grinding Mach. Co., Detroit, Mich.
Geare, R. W., architect, Woodward Bldg., Washington, D. C.
Gearhart, A. W., burners, Fresno, Cal.
Gearhart Knitting Mach. Co., tex. machy., supplies, etc., Clearfield, Pa.
Gearhart, Wm. L., & Son, founders, McEwensville, Pa.
Gearing Bros. Co., Ltd., contractors, 15th & M. C. R. R., Detroit, Mich.
Gearless Automatic Pump Co., machinists, Rock Island, Ill.
Geary, Andrew J., plumbers' supplies, jobbers, 9311 Baltimore av, Chicago, Ill.
Geary County Lumber Co., Junction City, Kan.
Geary, Jas., contractor, Perrin Bldg., New Orleans, La.
Geary, L. E., naval arch., Pier 1, Seattle, Wash.
Geary Milling & Elevator Co., flour, Geary, Okla.
Geary, Walter N., architect, 7528 Commercial, New Orleans, La.
Geauga Silica Sand Co., Schofield Bldg., Cleveland, Ohio.
Gebhardt Chili Powder Co., canned goods, San Antonio, Tex.
Gebhardt, H. J., machinist, 343 S. Dearborn, Chicago, Ill.
Gebhardt, John, & Son, contractors, 1825 Orchard, Chicago, Ill.
Gebhardt, Morow & Co., contractors, Alpena, Mich.
Gebhart, R. E., architect, Callahan Bk. Bldg., Dayton, Ohio.
Gebhart, S. T. & G. A., Co., wholesale hdwe., Dayton, Ohio.
Gebhart-Wiuchet Lbr. Co., Dayton, Ohio.
Gebert Shingle Co. (Ltd.), New Iberia, La.
Geddes, Jas., & Co., coffee mills, 353 Market, San Fran., Cal.
Geddes, Jos., vent. mfrs., Rochester, N. Y.
Gedge Bros. Iron Roofing Co., Anderson, Ind.
Gedge-Gray Co., paint mixers, Lockland, Ohio.
Gedney, M. A., Co., canned goods, Minneapolis, Minn.
Gedney, Wm. N., contrs., 24 Linwood av, Kansas City, Mo.
Gee, Chas. E., machsts., Lowell, Mass.
Gee Elec. Co., elec. supplies for mines and industrial plants, 18 14th, Wheeling, W. Va.
Gee, Irwin M., architect, Board of Education, Toledo, Ohio.
Gee, John W., & Son, contractors, Syracuse, N. Y.
Geele, F., Hardware Co., Sheboygan, Wis.
Geer, Harry R., Co., 858 McLaren av, St. Louis, Mo.
Geerin Bros. & Co., steam fitters' supplies, 422 E. 8th, Cincinnati, Ohio.
Geesenheimer & Co., chemicals, 134 Cedar, New York.
Geeslin, Jos., contractor, Bellevue, Ky.
Geforer, C., & Son, machsts., 1017 Ridge, Philadelphia, Pa.
Gehl Bros. Mfg. Co., agricultural implements, West Bend, Wis.
Gehr, H. W., machsts. & fndrs., Wadena, Minn.
Geher, Fischer & Co., cornices, 227 S. 2d, Louisville, Ky.
Gehl, M. C., Co., creamery machy., 3002 Meinecke av, Milwaukee, Wis.
Gehnrich Indirect Heat Oven Co., ovens for japanning, enameling, lacquering & drying, 62 Franklin av, Brooklyn, N. Y. *See adv. index at end of book.*
Gehres, Anna, stone, 1968 Fillmore av, Buffalo, N. Y.
Gehres Bros., sashes, doors & blinds, Waverly, Ohio.
Gehret Bros., steel struct. wk., Bridgeport, Pa.
Gehrke, Hans A., architect, Chamber of Commerce Bldg., Detroit, Mich.
Gehron, Jacob, & Sons, contractors, Williamsport, Pa.
Geib, E. L., Machine Co., Akron, Ohio.
Geib, Frank, contractor, Sheboygan, Wis.
Geib, Wm. H., masons' & bldrs.' matls., East Aurora, N. Y.
Geier & Bluhm, architects & engineers' instruments & castings, Troy, N. Y.
Geier, P. A., Co., special machinery, etc., Cleveland, Ohio.
Geiger, A. C., architect, Miami, Fla.
Geiger, A. M., Cement Co., masons' & bldrs.' matls., Leavenworth, Kans.
Geiger, August, heating contr., 114 N. 6th, Philadelphia, Pa.
Geiger Bros., advtg. spec., 17-23 Nevada, Newark, N. J.
Geiger & Busch, copper coils, Bucyrus, Ohio.
Geiger, J., machinist, Stockton, Cal.
Geiger, J. I., contractor, 1533 Germantown, Dayton, Ohio.
Geiger Lbr. & Mill Co., sash, door & blind mfrs., Mount Carmel, Pa.
Geiger & Peters, archl. iron, Indianapolis, Ind.
Geigy Co., aniline colors, 89 Barclay, New York.
Geijsbeck Engineering Co., brick & continuous kilns, 45 South, Portland, Ore.
Geilfuss, H., & Son, architects, 46 Kearny, San Francisco, Cal.
Geis & Bichler, boilers, St. Joseph, Mo.
Geis, Gustave, tubular boilers, Kansas City, Mo.
Geis, Jno. H., & Co., masons' & bldrs.' matls., Brooklyn, Md.
Geise Mann Hardware Co., Greenville, Miss.
Geise, Martin J., architect, 800 Main, Quincy, Ill.
Geisel, A., Mfg. Co., tinware mfrs., 219 S. 2nd, St. Louis, Mo.
Geisenheimer & Co., aniline oils, color mfrs., 134 Cedar, New York.
Geiser, Jos., & Son, contractors, 557 Academy, L. I. City, N. Y.
Geisinger, L. H., Co., contractors, 539 31st, Wilwaukee, Wis.
Geisler Bros., cornices, Dubuque, Iowa.
Geisler, Chas. R., architect, Hostetter Bldg., Pittsburgh, Pa.
Geissel, A., & Sons, carriages, 485 N. 3d, Philadelphia, Pa.
Geissel & Richardson, lumber, Ridge av, c Master, Phila., Pa.
Geissler Bros., furnaces, Reading, Pa.
Geissler, Chas. C., show cases, 62 N. 4th, Philadelphia, Pa.
Geissler, Rudolph, glass stainers, 56 W. 8th, New York.
Geister Bros., masons' & bldrs.' matls., Elgin, Ill.
Gelb, J., & Co., machy. dlrs., 203 Centre, New York.
Gelchsheimer, Fred, cornices, 4910 Lincoln av, Chicago, Ill.
Gelgand, Joseph J., architect, 346 Herman, Buffalo, N. Y.
Gelien & Co., paints, 120 Liberty, New York.
Gelinas, A., & Sons, contractors, Saginaw, Mich.
Geller-Ward & Hasner Hdwe. Co., 414 N. 4th, St. Louis, Mo.
Gem City Acet. Generator Co., Dayton, Ohio.
Gem City Boiler Co., 331 Leo, Dayton, Ohio.
Gem City Elev. Wks., Dayton, Ohio.
Gem City Machine Co., machinists, Dayton, Ohio.
Gem City Pattern Wks., Dayton, Ohio.
Gem City Press Brick Co., Quincy, Ill.
Gem City Smelting & Brass Castings Co., Dayton, Ohio.
Gem City Stove Co., Dayton, Ohio.
Gem City Stove Mfg. Co., Quincy, Ill.
Gem City Trunk Mfg. Co., Quincy, Ill.
Gem Cutlery Co., 11th av & 25th, New York.
Gem Fountain Pen Corp., 59 Pk. pl. New York.
Gem Hammock & Fly Net Co., 326 Florida, Milwaukee, Wis.
Gem Mfg. Co., incubators, Greenville, Ohio.
Gem Mfg. Co., woodenware & novelties (turned) mfrs., New Durham, N. H.
Gem Mfg. Co., children's outdoor swings, etc., N. Girard, Pa.
GEM MANUFACTURING CO., "Gem" oil cans—machine, engine & locomotive oilers—boiler flue & tube cleaners, "Gem" brush spiral & coniform are wonders, "Pyramid" torches are best for factories & mines; made of heavy Brazed steel—"Gem" flexible shafts, rope or motor driven, Goebel, nr Fulton, N. S., Pittsburgh, Pa. *See adv index at end of book.*
Gem Motor Car Co., Grand Rapids, Mich.
Gem Stamped Steel Co., metal stamping & drawings, Chelsea, Mass.
Gem Stopper Co., sheet metal stamping, etc., 2120 Nicholas, Phila., Pa.
Gem Supply Co., dustless dust cloths, Waterbury, Conn.
Gem Toothpick Co., Adrian, Mich.
Gem Wire Fence Co., Pontiac, Mich.
Gemco Mfg. Co., automobile access., 674 So. Pierce, Milwaukee, Wis.
Gemmel Bros., stone producers, 902 Catharine, Richmond, Va.
Gemmi Bros. Co., pearl buttons, 125 N. 5th, Philadelphia, Pa.

Gemmill & Billmeyer, architects, York, Pa.
Gemrig, J. H., & Son, surgical instruments, 109 S. 8th, Philadelphia, Pa.
Gendreau, H. L., architect, Willimansett, Mass.
Gendreau, Hubert L., architect, 830 Chicopee, Holyoke, Mass.
Gendron, A. D., architect, Astoria, Ore.
Gendron Wheel Co., Toledo, Ohio.
General Abrasive Co., emery mfrs., Niagara Falls, N. Y.
General Accident Insurance Co., 421½ Walnut, Philadelphia, Pa.
General Acetylene Co., gas generators, 80 Broadway, New York.
General Adhesive Mfg. Co., Inc., paste, etc., 469 Greenwich, New York.
General Advertising Co., signs, Reading, Pa.
General Aluminum & Brass Mfg. Co., bearings, castings, St. Aubin av, Detroit, Mich.
General American Tank Car Corp., Harris Trust Bldg., Chicago, Ill.
General Apparatus Co., spec. mach'y, Aspinwall, Pa.
General Asbestos Rubber Co., metallic packing, Charleston, S. C.
General Bakelite Co., 2 Rector, New York.
General Briquetting Co., 25 Broad, New York.
General Bronze Fdry. Co., Cleveland, Ohio.
General Builders' Supply Co., Indianapolis, Ind.
General Building Supply Co., Savannah, Ga.
General Carbonic Co., Bridge, Albany, N. Y.
General Castings Corp., Buffalo, N. Y.
General Ceramics Co., clay & stoneware products, 50 Church, New York.
General Chemical Co., 25 Broad, New York.
General Combustion Co., furnaces, Monadnock Bldg., Chicago, Ill.
General Concrete Construction Co., 431 S. Dearborn, Chicago, Ill.
General Condenser Co., steam & oil separators, 1240 N. 12th, Philadelphia, Pa.
General Construction Co., Union Trust Bldg., Detroit, Mich.
General Construction Co., Fort Worth, Tex.
General Construction Co., 995 30th, Milwaukee, Wis.
General Construction Co., Gary, Ind.
General Contracting Co., Laconia, N. H.
General Contracting Co., Plymouth Bldg., Minneapolis, Minn.
General Contracting Co., 1218 Chackmaxon, Philadelphia, Pa.
General Contracting & Engineering Co., 29 B'way, New York.
General Cooperage & Timber Co., Whitney Central Bldg., New Orleans, La.
General Crushed Stone Co., Easton, Pa.
General Devices & Fittings Co., cable supporting clamps, 817 Washington blvd, Chicago, Ill.
General Drop Forge Co., Buffalo, N. Y.
General Eclipse Co., stationers' spec., Danielson, Conn.
General Electric Co., electric lighting plants, etc., Schenectady, N. Y. *See adv index at end of book.*
General Engineering Co., automobiles, Marquette Bldg., Detroit, Mich.
General Engng. Co., machsts., 717 Front, Philadelphia, Pa.
General Engng. & Const. Co., contrs., Rockford, Ill.
General Equipt. Co., R. R. equipt., 30 Church, New York.
General Erecting Co., steel struct. wk., Syracuse, N. Y.
General Etching & Mfg. Co., advtg. spec., 312-14-16 S. Hamilton av, Chicago, Ill.
General Export & Commission Co., crude rubber, 8 Bridge, New York.
General Filtration Co., filters, Rochester, N. Y.
General Fire Extinguisher Co., automatic fire sprinklers, cast iron pipe & fittings, valves, fire alarms, etc., 275 W. Exchange, Providence, R. I.
General Fireproofing Co., Youngstown, Ohio.
General Fdry. Co., machsts. & brass fndrs., Williamsport, Pa.
General Gas Appliance Co., stoves, ranges, heaters, 103 Park av, New York.
General Gas Electric Co., elec. lgt. plants, Hanover, Pa.
General Gas Light Co., Kalamazoo, Mich.
General Gas Mantle Co., Camden, N. J.
General Glass Mfg. Co., signs, 355 Union Park ct, Chicago, Ill.
General Illuminating Co., 47 Greene, New York.
General Incandescent Lamp Wks. of G. E. Co., 214 Electric Bldg., Cleveland, Ohio.
General Insulate Co., insulators, dies, tools, etc., 1008 Atlantic av, Brooklyn, N. Y.
General Iron Works, 1480 Eastern P'way, Brooklyn, N. Y.
General Kompolite Co., composition flooring mfrs., 325 Borden av, Long Island City, N. Y.
General Laboratories, disinfectants, Madison, Wis.
General Lead Batteries Co., 4 Lister av, Newark, N. J.
General Lighting Fixture Co., 28 W. Lake, Chicago, Ill.
General Mach. Co., 417 E. 156th, New York.
General Mach. & Mfg. Co., dies, jigs, models, etc., Bridgeport, Conn.
General Mach. Wks., York, Pa.
General Machy. & Supply Co., air compressors, 39 Stevenson, San Francisco, Cal.
General Magnesite & Magnesia Co., 29th & Montgomery av, Phila., Pa.
General Malleable Co., machsts. & fndrs., Warren, Ohio.
General Manifold & Printing Co., 727 S. Dearborn, Chicago, Ill., & Franklin, Pa.
General Mfg. Co., screw mach. prod., Waterbury, Conn.
General Motors Corp., machsts. & fndrs., Flint, Mich.
General Motors Truck Co., Pontiac, Mich.
GENERAL NAVAL STORES CO., INC., 90 West, New York; 1236 McCormick Bldg., Chicago, Ill., & 2213 Union Central Bldg., Cincinnati, Ohio.
General Oil Furnace Corp., 233 B'way, New York.
General Oil Wks. Co., lubrg., Indianapolis, Ind.
General Optical Co., 50 E. 42d, New York.
General Ordnance Co., aeroplane guns & rifles, machsts. & fndrs., Derby, Conn.
General Package Co., box hinging machs., 99 Warren, New York.
General Pattern & Model Co., 178 Centre, New York.
General Petroleum Co., Alaska Commercial Bldg., San Francisco, Cal.
General Pipe & Fdry. Co., machsts. & fndrs., Atlanta, Ga.
General Platers' Supply Co., 489-493 Broome, New York.
General Porcelain Co., Parkersburg, W. Va.
General Pressed Metal Co., stampings, American & Diamond, Philadelphia, Pa.
General Radio Co., wireles telegraph apparatus mfrs., 11 Windsor, Cambridge, Mass.
General Ry. Signal Co., Rochester, N. Y.
General Reduction Co., fullers earth, Atlanta, Ga.
General Refractories Co., brick, 111 Broadway, New York.
General Repair Mach. Shop, Hamilton, Ohio.
General Rim Co., Swetland Bldg., Cleveland, Ohio.
General Rubber Co., B'way & 58th, New York.
General Slate Co., roofing slate, 200 Devonshire, Boston, Mass.
General Specialty Co., boiler tube cleaners, Buffalo, N. Y.
General Spring & Wire Co., 26 Morrow, Detroit, Mich.
General Steel Co., imgots, Public Service Bldg., Milwaukee, Wis.
General Storage Battery Co., 2005 Locust, St. Louis, Mo.
General Supply Co., masons' & bldrs.' supplies, Easton, Pa.
General Supply Co., mill & facty. supplies, Danielson, Conn.
General Supply Co., platers' & polishers' supplies, 1122 St. Clair av, Cleveland, Ohio.
General Supply Co., plumbers' supplies—jobbers, Atlanta, Ga.
General Supply & Construction Co., York, Pa.
General Supply Corp., woolen waste, wiping rags & leather mattress tufts, Worcester, Mass.
General Supply & Equip. Co., plumbers' supplies—jobbers, 459 Canal, New York.
General Supply & Machy. Co., Meridian, Miss.
General Tire & Rubber Co., Akron, Ohio.
General Utility Co., pumps, air tires, 1326 Ogden, Philadelphia, Pa.
General Vehicle Co., motor wagon mfrs., Borden & star av, Long Island City, N. Y.
General Welding Co., Hoboken, N. J.
General Welding & Equipment Co., 107 Massachusetts av, Boston, Mass.
General Woodwork Co., auto & carriage, 1225 Budd, Cincinnati, Ohio.
Generator Valve Co., carbureters, 47 Dinsmore pl, Brooklyn, N. Y.
Genessee Cooperage Co., Elba, N. Y.
Genesee Furnace Co., blast furnaces, Charlotte, N. Y.
Genesee Iron Wks., machsts. & fndrs., Flint, Mich.
Genesee Lime Co., Honeoye Falls, N. Y.
Genesee Lime Co., Lima, N. Y.
Genesee Lumber Co., Genesee, La.
Genesee Metals Co., Rochester, N. Y.
Genesee Optical Co., Rochester, N. Y.
Genesee Plating Wks., Rochester, N. Y.
Genesee Tack Co., Rochester, N. Y.
Genesee Textile Co., Rochester, N. Y.
Genesee Valley Mfg. Co., agric. implts., Mount Morris, N. Y.
Geneseo Canning Co., Geneseo, N. Y.
Geneva Boiler Wks., Geneva, N. Y.
Geneva Brick & Tile Wks., Geneva, Ohio.
Geneva Canning Co., Geneva, Ohio.
Geneva Cutlery Co., Geneva, N. Y.
Geneva Fertilizer Wks., Geneva, Ala.
Geneva Fdry. & Mach. Co., Geneva, Ill.
Geneva Mfg. Co., woodenware mfrs., Geneva, Ill.
Geneva Metal Wheel Co., Geneva, Ohio.
Geneva Milling Co., masons' & bldrs.' matls., Geneva, Ohio.
Geneva Preserving Co., canned goods, Geneva, N. Y.
Geneva Tractor Co., Geneva, Ohio.
Geneva Wagon Co., Geneva, N. Y.
Gennert, G., cameras, moving picture machs., 24 E. 13th, New York.
Genovese Bros., contractors, 290 W. Main, Stamford, Conn.
Gens, Chas., Jr., architect, 1015 E. 2nd, Brooklyn, N. Y.
Genseke, Merman, soap, Streator, Ill.
Gensel, Frederick, & Co., founders, 911 Vine, Philadelphia, Pa.
Gensman Bros. & Co., wholesale hardware, Enid, Okla.
Genter, J. H., Co., projection screens, Newburgh, N. Y.
Gentile Bros., contractors, 617 Abbott rd, Buffalo, N. Y.
Gentry, Frank H., architect, Union Oil Bldg., Los Angeles, Cal.
Gentz, A. G., canned goods, Lineboro, Md.
Gentz Bros., contractors, Grand Rapids, Mich.
Genuine Bangor Slate Co., Easton, Pa.
Genuine Washington Slate Co., Slatington, Pa.
Genung, C. W., agricultural implements, machinist, Madison, O.
Geographical Publishing Co., 621 Plymouth, Chicago, Ill.
Geometric Stamping Co., 221 E. 131st, Cleveland, Ohio.
Geometric Tool Co., New Haven, Conn.

George, A. H., Co., fertz. mfrs., Meridian, Miss.
George Automatic Roller Bearing Co., 4614 Spring Grove av, Cincinnati, Ohio.
George & Barker Salmon Packing Co., Point Roberts, Wash.
George & Borst, contractors, 277 S. 11th, Philadelphia, Pa.
George Bros., machinists, Grass Valley, Cal.
George Bros. & Co., Winchester, Ky.
George Bros., Griffith Co., rubber stamps, Lincoln, Neb.
George, Claude, Co., machy. dlrs., Omak, Wash.
George & Co., meat packers, 404 S. Charles, Baltimore, Md.
George, E. A., architect, American Nat'l Bank Bldg., Shreveport, La.
George, E. J., flour, Lexington, S. C.
George, J. R., & Bro., canned goods, Irvington, Va.
George, M. & R. L., machinists, New Lisbon, N. Y.
George, MacLucas & Fitton, architects, Lemcke Annex, Indianapolis, Ind.
George & O'Connor Co., contractors, 207 Market, Newark, N. J.
George, R. W., flour, Francisco, N. C.
George, Richard A., architect, 69 Genesee, Utica, N. Y.
George, S., Co., paper & pulp mills, Wellsburg, W. Va.
George & Sherrard Paper Co., Wellsburg, W. Va.
George, Thomas J., architect, 32 Nassau, New York.
George Washington University, engng. schools & coll., Washington, D. C.
George, Wm. H., contractor, Atlanta, Ga.
Georgeson, F. T., architect, Eureka, Cal.
Georgia Agr'l Wks., Fort Valley, Ga.
Georgia Belle Fertilizer Co., Newnan, Ga.
Georgia Brick Co., Adairsville, Ga.
Georgia Cane Products Co., canned goods, Columbus, Ga.
Georgia Car & Locomotive Co., Atlanta, Ga.
Georgia-Carolina Brick Co., Augusta, Ga.
Georgia-Carolina Lumber Co., Pottsville, Pa.
Georgia Chemical Wks., fertilizer mfrs., Augusta, Ga.
Georgia Cordage Mills, Scottdale, Ga.
Georgia Fertilizer Co., Nashville, Tenn.
Georgia Fertilizer & Mfg. Co., Cairo, Ga.
Georgia Fertilizer & Oil Co., Valdosta, Ga.
Georgia Fertilizer Works, Sandersville, Ga.
Georgia Granite & Marble Wks., Rome, Ga.
Georgia Hardware Co., wholesale, Brunswick, Ga.
Georgia Iron Works, mill & facty. supps., Augusta, Ga.
Georgia Kaoline Co., Macon, Ga.
Georgia Lumber Co., Bluefield, W. Va.
Georgia Lumber & Turpentine Co., Cutting, Ga.
Georgia Marble Co., Tate, Ga.
Georgia Marble Finishing Wks., Canton, Ga.
Georgia Milling Co., flour, Fort Valley, Ga.
Georgia Paint & Glass Co., Atlanta, Ga.
Georgia Paving & Constr. Co., Columbus, Ga.
Georgia-Peruvian Ochre Co., clays, 165 B'way, New York.
Georgia Phosphate Co., Athens, Ga.
Georgia Pine Co., lumber mfrs., Elliott & Linwood av, Baltimore, Md.
Georgia Pine Turpentine Co., 158 Perry, New York.
Georgia Plow & Fdry. Co., Athens, Ga.
Georgia Products Co., fertilizer mfrs., Fort Gaines, Ga.
Georgia Quincy Granite Co., Macon, Ga.
Georgia Red Brick Co., Pooler, Ga.
Georgia School of Technology, engng. schools & coll., Atlanta, Ga.
Georgia Ship Building Co., Savannah, Ga.
Georgia Supply Co., mill & facty. supplies, Savannah, Ga.
Georgia Talc Co., crayon, Asheville, N. C.
Georgia Veneer & Package Co., Brunswick, Ga.
Georgia Vitrified Brick & Clay Co., Augusta, Ga.
Georgia Warehouse Co., Macon, Ga.
Georgs, C. W., Mfg. Co., sashes, doors & blinds, Beaumont, Tex.
Geraghty Bros. Elevator Co., 416 S. 6th, St. Louis, Mo.
Geraghty & Co., badges & buttons, 3035-37 W. Lake, Chicago, Ill.
Geran, J., electro plating, 168 Centre, New York.
Gerard, G. H., Son & Co., sash, door & blind mfrs., 265 Greenpoint, Brooklyn, N. Y.
Gerard, Michael, machsts. & fndrs., Cissna Park, Ill.
Gerber, A. F., Stone Co., 202 Bigelow, Newark, N. J.
Gerber, J. J., cornices & skylights, 128 6th av, S., Minneapolis, Minn.
Gerber, Louis, & Son, mining mach. picks, 66 Walter av, Pittsburgh, Pa.
Gerbig, J. C., & Son, soap, Chambersburg, Pa.
Gerdau, Otto, Co., rattans, 83 Murray, New York.
Gerdes & Co., machinery mfrs., 42 Church, New York.
See adv index at end of book
Gerdes, T. N., window ventilators, 123 Liberty, New York.
See adv index at end of book.
Gerding & Aumann, cornices, Ft. Wayne, Ind.
Gerding, Geo. W., traveling bags, 405 Commerce, Phila., Pa.
Gerecke, August, sheet metal gauges, Carlstadt, N. J.
Geretz, Martin, architect, Lexington, Ky.
Gerhard, E. C., Bldg. Co., Victoria Bldg., St. Louis, Mo.
Gerhard, F. J., drain tile, 110 Belmont av, Newark, N. J.
Gerhard, G. L., & Son, architects, 619 Penn, Reading, Pa.
Gerhardstein Bros., brick & tile, Bellevue, Ohio.
Gerhardt, C., brooms, brushes, cleaners, 591 Hudson, New York.
Gerhardt, Paul, architect, Schiller Bldg., Chicago, Ill.
Gerity, H. S., architect, 607 S. Hill, Los Angeles, Cal.
Gerkensmyer, H., brick, Martin, Ohio.
Gerkin, J. D., & Co., cornices & skylights, Toledo, Ohio.
Gerlach, H. C., architect, Mankato, Minn.
Gerlach, M. H., architect, Bellingham, Wash.
Gerlach, Peter, Co., barrel, stave & heading machinery, 1712 Winter, Cleveland, Ohio.
Gerline Brass Fdry. Co., Kalamazoo, Mich.
Gerlinger Steel Casting Co., steel castings, West Allis, Wis.
Gerloch, H. W., machsts. & fndrs., Huntingdon, Pa.
Germain & Boyd Lbr. Co., Saginaw, Mich.
Germain Co., lumber, Farmers' Bank Bldg., Pittsburgh, Pa.
Germain, Louis, naval architect, Saginaw, Mich.
Germain Piano Co., Saginaw, Mich.
Germain Seed & Plant Co., 326 S. Main, Los Angeles, Cal.
Ger.-Am. Bronze Powder Mfg. Co., 38 W. 32d, New York.
German-Am. Button Co., Rochester, N. Y.
German-Am. Cinematograph & Film Co., 219 2d av, New York.
German-Am. Glass Wks., Philadelphia, Pa.
German-Am. Lumber Co., Pensacola, Fla.
German-Am. Lbr. Co., Rochester, N. Y.
German-Am. Paint Co., 717 Waldo ct, Chicago, Ill.
German-Am. Pitch Co., 414 Water, Cincinnati, Ohio.
German-Am. Portland Cement Wks., La Salle, Ill.
German-Am. Sugar Co., West Bay City, Mich.
German-Artistic Weaving Co., 141 W. 36th, New York.
German Chemical Supply Co., metal polish, 9420 Meach av, Cleveland, Ohio.
German-Compound Co., boiler compounds, 20 N. Market, Boston, Mass.
German, F. G., architect, Duluth, Minn.
German, Frederick G., architect, Exchange Bldg., Duluth, Minn.
German, Howard W., architect, Schwind Bldg., Dayton, Ohio.
German Rock Asphalt Co., Morgan Bldg., Buffalo, N. Y.
Germania Cedar Wks., pencil timber, Christiana, Tenn.
Germania Imptg. Co., linoleum mfrs., 41 Union sq, New York.
Germania Knitting Wks., 440 Canal, New York.
Germania Mills, flour, Fredericksburg, Va.
Germania Refrigerator & Mchy. Co., Belleville, Ill.
Germania Supply & Fdry. Co., Covington, Ky.
Germann Bronze Co., die castings, 18th & Chestnut, Erie, Pa.
Germanow, Simon, Mach. Wks., 58 Mill, Rochester, N. Y.
Germantown Milling Co., flour, Germantown, Ky.
Germantown Steam Co., heating contrs., 349 W. Hortter, Philadelphia, Pa.
Germantown Tool Works, tool mfrs., 520 Commerce, Phila., Pa.
Germantown Varnish, Color & Paint Co., 5434 Germantown av, Philadelphia, Pa.
Germer Mfg. Co., engines, Detroit, Mich.
Germer Stove Co., Erie, Pa.
Germuiller, Julius, architect, Stewart Bldg., Washington, D. C.
Gernandt, W. F., architect, Brandeis Theatre Bldg., Omaha, Neb.
Gernert Bros. Lbr. Co., Louisville, Ky.
Gernhardt, H. T., & Co., glass enamelers, 409 E. Fayette, Baltimore, Md.
Gernshyn, Hy., & Bro., sweaters, cardigans, etc., 32 Stockton, Brooklyn, N. Y.
Gernt, Rudolph C., architect, Campau Bldg., Detroit, Mich.
Gerock Bros. Mfg. Co., zinc castings, cornices, metal doors, etc., 1252 S. Vandeventer av, St. Louis, Mo.
Gerola Mfg. Co., chain grip pipe vises, Old Colony Bldg., Chicago, Ill.
Gerow, Emma, pckg. box mfrs., 450 11th av, New York.
Gerrard, Barclay Granite Co., Barre, Vt.
Gerrard Wire Tying Mach's, box strapping mach's, 79 Warren, New York.
Gerrich, Chas. V., architect, Securities Bldg., Seattle, Wash.
Gerrick & Gerrick Co., steel structural work, Seattle, Wash.
Gerrish Dredging Co., 101 Tremont, Boston, Mass.
Gerritsen, Henry, architect, Garfield, N. J.
Gerry, F. R., Co., sash, door & blind, 1835 Market, Phila., Pa.
Gerry, Geo., & Son, textile machinery, supplies, Athol, Mass.
Gersix Mfg. Co., autos, Seattle, Wash.
Gersmann, Rudolf, arch'l iron, 1431 Bryant av, New York.
Gerson & Carey, brass castings, Lansing, Mich.
Gerson, I., & Son, scrap iron & steel, Toledo, Ohio.
Gerson, Sam'l, scrap iron, Coatesville, Pa.
Gerst Bros. Mfg. Co., machsts. & fndrs., 800 Cass av, St. Louis, Mo.
Gerstein Bros. & Cooper, distilling apparatus, etc., 3 W. 3d, S. Boston, Mass.
Gerstendorfer Bros., enamels, paints, furniture polish, etc., 221 E. 42d, New York.
Gerstenslager Co., carriages, Wooster, Ohio.
Gerstner, A. W., Co., wholesale hdwe., 634 8th av, New York.
Gerstner, H., & Sons, tools, cases & chests, Dayton, Ohio.
Gertig, E. A., contractor, Albuquerque, N. M.
Gerts, Lumbard & Co., kalsomine paint brushes, 221 W. Randolph, Chicago, Ill.
Gerwig, H., & Sons, packing mfrs., 1301 Penn av, Pittsb'h, Pa.
Gery & Peters, contractors, Allentown, Pa.
Gescheidt, Jacob, & Co., contrs., 142 E. 43d, New York.
Geske, C., & Co., dock bldrs. & contrs., Seattle, Wash.
Gessner, David, textile machy., Worcester, Mass.
Gesswein, F. W., Co., jewelers' machy., etc., 16 John, New York.
Gesswein, Paul H., & Co., watchmakers' tools, 35 Maiden la, New York

Gest, G. M., underground conduits, 237 B'way, New York.
Gestring Wagon Co., 1718 N. B'way, St. Louis, Mo.
Getchell, J S., & Son, machsts. & fndrs., Caribou, Me.
Getchell, Seth S., & Son, mill & facty. supplies, tin cylinders, Woonsocket, R. I.
Gethmann Brick Co., Gladbrook, Ia.
Getman & Judd Co., lumber, Stamford, Conn.
Gette, O. J., archt., 46 Cedar, New York.
Gettier Studios, glass stainers, 855 N. Howard, Baltimore, Md.
Gettings Bros., contractors, Mansfield, Ohio.
Gettins-Kopitke Co., contractors, Messenger Bldg., Toledo, Ohio.
Gettner, K. H., Co., machsts. & fndrs., Cecil pl, Pittsb'h, Pa.
Getty, F. I., machinist, Jennings, La.
Getty, Hugh, contractor, 359 W. 26th, New York.
Gettys, M. H., contractor, Harrisburg, Pa.
Getz Power Washer Co., clothes washing machines. Morton, Ill.
Getz-There Soap Co., Conshohocken, Pa.
Getz, W. F., architect, Lancaster, Ohio.
Getzen, J. C., turpentine, Webster, Fla.
Geuder, Paeschke & Frey Co., pressed steel parts, St. Paul av & 15th, Milwaukee, Wis. *See adv index at end of book.*
Geving Bros., machsts., Lake Mills, Iowa.
Geyer, Ed. J., tailors' pressing machs., Rochester, N. Y.
Geyer, John, sash, door & blind mfrs., Prescott, Wash.
Geyer's Stationer, trade publication, 318 B'way, New York.
Geyser Elec. Co., washing mach., 321 Sheldon, Chicago, Ill.
Gfell, John H., & Co., mill, facty. & plumbers' supplies, jobbers, Norwalk, Ohio.
G. & G. Telescopic Sidewalk Hoist & Door Co., Phelan Bldg., San Francisco, Cal.
Gheen, T. D., archit., Daytona Beach, Fla.
Ghent Canning Co., Ghent, Ky.
Ghent Mfg. Co., grain separators, Ghent, Minn.
Ghent Motor Co., 20 E. Jackson blvd, Chicago, Ill.
Gherky, Wm. D., pole repair sleeves, 30th & Walnut, Phila., Pa.
Ghirardi, P. B., architect, Morgan City, La.
Gholstin Spring & Mattress Co., Atlanta, Ga.
Gholston Bros., masons' & bldrs.' matls., Comer, Ga.
Ghriskey's, Chas. M., Sons, wholesale hdwe., 508 Commerce, Philadelphia, Pa.
Giannini, G. W., mill & facty. supplies, 437 W. 42d, New York.
Giannini & Hilgart, glass stainers, 222 W. Madison, Chicago, Ill.
Giant Grip Horse Shoe Co., Oshkosh, Wis.
Giant Mfg. Co., pipe pushers & textile machy., Council Bluffs, Iowa.
Giant Portland Cement Co., Penn bl, Philadelphia, Pa.
Giant Powder Co., 1st Natl. Bk. Bldg., San Francisco, Cal.
Giaver & Dinkelberg, archits., 80 E. Jackson blvd, Chicago, Ill.
Gibb, Arthur N., architects, Trust Co. Bldg., Ithaca, N. Y.
Gibb, Frank W., architect, Little Rock, Ark.
Gibb Instrument Co., pyrometers, Highland Bldg., Pittsb'h, Pa.
Gibb, Wm. R., architect, 160 W. Jackson blvd., Chicago, Ill.
Gibbens-Finney-Gordon Co., mill & factory supplies, 213 Canal, New Orleans, La.
Gibbes Machinery Co., Columbia, S. C.
Gibbins, T. C., lumber, Washington, La.
Gibboney, A. R., & Co., blankets, flannels, woolen, Reedsville, Pa.
Gibboney, Jacob, lumber, Bradford, Ohio.
Gibbons, A. J., Metropolis, Ill.
Gibbons, E. F., architect, Erie Bldg., Cleveland, Ohio.
Gibbons, Edward, contractor, 203 Montgomery av, Providence, R. I.
Gibbons, Ernest A., Co., mill & facty. supplies, 27 Montgomery, Jersey City, N. J.
Gibbons, J. E., stone producers, Williamsport, Pa.
Gibbons, Jno. V., mill & facty. supplies, 133 Greenwich, New York.
Gibbons, M. J., Supply Co., plumbers' supplies, jobbers, Dayton, Ohio.
Gibbons Mach. & Fdry. Co., Des Moines, Ia.
Gibbons, Martin, contractor, Dunmore, Pa.
Gibbons, N. L., steam heaters, Norristown, Pa.
Gibbons, Patrick F., contractor, Scranton, Pa.
Gibbons, Robt. E., architect, 1116 N. 9th, Terre Haute, Ind.
Gibbons & Stone, pianos, Rochester, N. Y.
Gibbs Bros., machinists, Commerce, Ga.
Gibbs-Brower Co., angle straightening machs., 261 B'way, New York.
Gibbs, Chas. E., machsts., Honesdale, Pa.
Gibbs, Chas. M., contrs. tents, Syracuse, N. Y.
Gibbs, Fred W., contractor, Montclair, N. J
Gibbs Gas Engine Co of Fla., Jacksonville, Fla.
Gibbs Heddle Co., tex. machy., Leicester, Mass.
Gibbs, J. B., contractor, 1633 O, N. W., Washington, D. C.
Gibbs, Mrs. J. L., lumber, Mayfield, Mich.
Gibbs, John, contractor, Carbondale, Pa.
Gibbs, John W., contractor, Morgan Bldg., Buffalo, N. Y.
Gibbs, L. Y., Son & Co., fertilizer, Savannah, Ga.
Gibbs Loom Harness & Reed Co., tex. machy., supplies, Clinton, Mass.
Gibbs Mfg. Co., toy mfrs., Canton, Ohio.
Gibbs Preserving Co., 2301 Boston, Baltimore, Md.
Gibbs & Pulsifer, architects, Lewiston, Me.
Gibbs & Sanders, masons' & bldrs.' matls., Albion, Mich.
Gibbs, W. F., Mfg. Co., name plates, Hamden, Conn.
Gibbs, W. H., & Co., cut glassware, Stroudsburg, Pa.
Gibbs, Wm. H., cornices & skylights, 2948 W. Pico, Los Angeles, Cal.
Gibbud, M. J., Co., contractors, 107 Water, New Haven, Conn.
Gibby Foundry Co., steam heaters, 96 Condor, E. B. Boston, Mass.
Gibey Tire & Rubber Co., 215 N. Broad, Philadelphia, Pa.
Gibford Specialty Co., razor stroppers mfrs., 217 W. Grand av, Chicago, Ill.
Gibford-Weiffenbach Co., knives, Adrian, Mich.
Giblin & Co., machsts. & fndrs., Utica, N. Y.
Giblin, Peterson & Screen, contrs., 39 S. La Salle, Chicago, Ill.
Gibney Iron & Steel Co., Phillipsburg, N. J.
Gibney Tire & Rubber Co., Conshohocken, Pa.
Gibout, L. E., sash, door & blind, Menominee, Mich.
Gibraltar Knitting Mills, 1010 W. 12th, Chicago, Ill.
Gibsland Oil Mills & Fertilizer Co., Gibsland, La.
Gibson, A. C., Co., steel stamps, rubber type, stencils, etc., Buffalo, N. Y.
Gibson, B. K., architect, 110 S. Dearborn, Chicago, Ill.
Gibson Bedstead Co., machsts. & fndrs., 25 George, Boston, Mass.
Gibson Bros. Mfg. Co., cocks & bibbs, N. Chicago, Ill.
Gibson Canning Co., Gibson City, Ill.
Gibson & Cobb, flour, Atlanta City, Tex.
Gibson & Cole, contractors, Pendleton, Ore.
Gibson Co., carbon removers, 424 N. Capitol blvd., Indianapolis, Ind.
Gibson, David, machst. & fndr., Waterloo, Ia.
Gibson, G. N., & Son, lumber mfrs., West Stockholm, N. Y.
Gibson, G. P., & Son, lbr. mfrs., 468 Genesee, Utica, N. Y.
Gibson, Geo. H., Co., advtg. counsellors, 154 Nassau, New York.
Gibson, H. B., Co., millers, 123 Liberty, New York.
Gibson, Hollister Mfg. Co., auto lamps, spark plugs, etc., Springfield, Mass.
Gibson-Homans Co., paint mfrs., 2366 Woodhill rd, S. E., Cleveland, Ohio.
Gibson Iron Works, machsts. & fndrs., Gibson City, Ill.
Gibson Iron Wks. Co., blowers, kettles, etc., 168 1st, Jersey City, N. J.
Gibson, J. A., contractor, 497 Artillery av, Detroit, Mich.
Gibson, J. L., masons' & bldrs.' matls., North Conway, N. H.
Gibson & King, contrs., Warren, Pa.
Gibson & Kirk Co., machsts. & fndrs., 217 Key Highway, Baltimore, Md.
Gibson & Knopp, contrs., Uniontown, Pa.
Gibson Mfg. Co., warm air furnaces, 415 Niles, Waterloo, Iowa.
Gibson Musical String Co., Belleville, N. J.
Gibson, Porter E., contractor, Cambridge, Ohio.
Gibson & Price Co., lead pipe, 1786 Columbus, N. E., Cleveland, Ohio.
Gibson Refrigerator Co., Greenville, Mich.
Gibson, Richard, contractor, 65 Long Wharf, Boston, Mass.
Gibson, Robt. W., architect, 185 Madison av, New York.
Gibson & Robertson, architects, Herald Bldg., El Paso, Tex.
Gibson Slide Rule Co., Niles, Mich.
Gibson, W. E., sash, door & blind mfr., 3527 Market, Phila., Pa.
Gibson, Wm. D., Co., springs, 1800 Clybourn, Chicago, Ill.
Gichner, Ernest, cornices & skylights, 1107 E, N. W., Waterbury, D. C.
Gichner, Fred S., founders, 1214 D, N. W., Washington, D. C.
Giclas, H. J., cornices & skylights, 1134½ S. W., Waterbury, D. C.
Giddings, Burt & Sons, fertilizer mfrs., Baldwinsville, N. Y.
Giddings & Lewis Mfg. Co., machsts. & fndrs., Fond du Lac, Wis.
Gideon-Anderson Lbr. & Merc. Co., Gideon, Mo.
Gideon, Samuel Edward, archit., University of Texas, Dept. Architecture, Austin, Tex.
Gidon, Jos. E., auto. lamps, 794 10th av, New York.
Giebisch & Joplin, contractors, Rothchild Bldg., Portland, Ore.
Giele, Louis H., architect, 1123 Broadway, New York.
Gielow & Orr, naval architects, 52 B'way, New York.
Gier, E. F., architect, Conrad, Ia.
Gier, F. B., & Co., contractors, 517 Riddle rd, Cincinnati, Ohio.
Gier Pressed Steel Co., steel stampings, Lansing, Mich.
Gierhart, J. B., architect, Huntington, Ind.
Giertsen, M. O., architect, McKnight Bldg., Minneapolis, Minn.
Gies Gear Co., Boydell Bldg., Detroit, Mich.
Gies, Rowland C., architect, David Whitney Bldg., Detroit, Mich.
Giese, Frank, stone, Viaduct & Big 4, Cincinnati, Ohio.
Giese Mfg. Co., metal spinning, 260 S. 5th, Philadelphia, Pa.
Giesey, J. H., architect, 514 Smithfield, Pittsburgh, Pa.
Giesey, M. F., architect, German Bk. Bldg., Wheeling, W. Va.
Gieske, J. R., architect, Ceredo & Huntington, W. Va.
Gieske, Walter M., architect, Gunther Bldg., Baltimore, Md.
Giesler & Co., machsts. & fndrs., Muscatine, Ia.
Giesse Glass Sign Wks., 147 Duane, New York.
Giessen, D. E., Co., whol. hdwe., 215 Prospect av, S. E., Cleveland, Ohio.
Giessing Milling Co., flour, Farmington, Mo.
Gifford, A. W., Co., hdwe. mfrs., Worcester, Mass.
Gifford, C. M., & Son, canned goods, San Diego, Cal.
Gifford, Chas. A., architect, 60 Park pl, New York.
Gifford Electric Mfg. Co., lightning arresters, Traverse City, Mich.
Gifford Engine Co., Lansing, Mich.
Gifford, Jno. A., & Son, whol. hdwe., 25 Park pl, New York.
Gifford, Prince, sash, door & blind mfrs., Wareham, Mass.
Gifford-Wood Co., machsts. & fndrs., Hudson, N. Y.
Gift, J. W., & Co., flour mills, Peoria, Ill.

Giglas, Louis, cornices, Waterbury, D. C.
Gigrich, A. A., & Co., umbrella sticks, Amityville, N. Y.
Giguere, Peter C., & Son, contractors, 410 7th av., N. E., Minneapolis, Minn.
Gila Valley Milling Co., flour, Safford, Ariz.
Gilb, V., & Son, machsts. & fndrs., Birmingham, Ala.
Gilbane Building Co., Calverley, Providence, R. I.
Gilbert, A. C., Co., elec. portable fans, Fox, New Haven, Conn.
Gilbert, A. F., architect, 80 Maiden la, New York.
Gilbert, A., & Sons, newspaper files & specialties (wood), Derby, Conn.
Gilbert, A., & Sons Brass Foundry Co., 4019 Forest Pk. Blvd., St. Louis, Mo.
GILBERT & BARKER MFG. CO., oil storage systems for mills, factories, railways, mines, etc., hand and power-driven self-measuring and non-measuring pumps; storage tanks, fuel oil-burning equipment, gas & oil fired furnaces for hardening, tempering, annealing, etc., Springfield, Mass. *See adv index at end of book.*
Gilbert & Bennett Mfg. Co., wire brushes, lath stretchers, cloth, etc., Georgetown, Conn.
Gilbert, C. M., & Co., cement importers, Savannah, Ga.
Gilbert, Calvin, machsts. & fndrs., Gettysburg, Pa.
Gilbert, Chas., architect, 11 E. 24th, New York.
Gilbert, Chas. P. H, architect, 1124 Broadway, New York.
Gilbert & Co., gauge glass gaskets, Hyattsville, Md.
Gilbert, E. T., Mfg. Co., brushes, cleaners, etc., Rochester, N. Y.
Gilbert, Fabian & Brentano, architects, Furniture Bldg., Evansville, Ind.
Gilbert, Frank, Paper Co., Waterford, N. Y.
Gilbert, G. W., & Son, cornices, Detroit, Mich.
Gilbert, Geo. W., contractor, York, Pa.
Gilbert-Grant Co., mfrs. cranes, hoists, winches & windlasses, 143 B'way, New York. *See adv index at end of book.*
Gilbert, H., & Son, whol. hdwe., 219 Market, Harrisburg, Pa.
Gilbert, Harry W., masons' & bldrs.' matls., Hatchinson & Venaugh, Philadelphia, Pa.
Gilbert, Hedge Lumber Co., Burlington, Ia.
Gilbert, J. L., & Bro., Lbr. Co., East Falls & Eastern avs, Baltimore, Md.
Gilbert Knitting Co., sweaters, cardigans, etc., Little Falls, N. Y.
Gilbert, L. B., bldg. contr., Madison, Wis.
Gilbert Mfg. Co., carbureters, auto. tire holders, etc., New Haven, Conn.
Gilbert & Nichols Co., buckwheat & rye flour, Fulton, N. Y.
Gilbert Paper Co., Menasha, Wis.
Gilbert, Perley F., architect, 53 Central, Lowell, Mass.
Gilbert Trunk Factory, Birmingham, Ala.
Gilbert, V. P., contractor, 453 S. Spring, Los Angeles, Cal.
Gilbert, W. L., Clock Co., Winsted, Conn.
Gilbert Wall Paper Co., York, Pa.
Gilbert, Wm., machst. & fndr., Fulton, Mo.
Gilbert, Wright L., contractor, 133 Chambers, New York.
Gilbert, Z. R., lumber, Orange Hill, Fla.
Gilbertson, J., cornices & skylights, Bayonne, N. J.
Gilbreth, G. W., & Co., contractors, 606 S. Hill, Los Angeles, Cal.
Gilchrist, A. D., architect, Rock Hill, S. C.
Gilchrist Co., hdwe. mfrs., 236 Bank, Newark, N. J.
Gilchrist, David D., contractor, Summit, N. J.
Gilchrist, Edmund B., architect, 1424 Walnut, Philadelphia, Pa.
Gilchrist-Fordney Co., lumber, Laurel, Miss.
Gilchrist, Geo. E., Co., mill, facty. & plumbers' supplies—jobbers, 106 High, Boston, Mass.
Gilchrist, H. D., architect, Frick Bldg., Pittsburgh, Pa.
Gilchrist, John G., founders, South Bend, Wash.
Gilchrist, M. D., masons' & bldrs.' matls., Oskaloosa, Ia.
Gilchrist, Robt., Co., manganese dioxide carbon, Elizabeth, N. J.
Gilchrist, W. Irwin, steam fitters' supps., 681 Market, San Francisco, Cal.
Gilcrest, F. H., Lumber Co., Kearney, Neb.
Gilcrest, J. K. & W. H., Co., lumber mfrs., Des Moines, Ia.
Gildard, W. H., architect, Knoxville, Tenn.
Gildersleeve, Raleigh C., archit., 303 5th av, New York.
Gildersleeve Ship Building Co., Gildersleeve, Conn.
Gile, J. M., architect, Pueblo, Colo.
Gile Tractor & Engine Co., gas engines, Ludington, Mich.
Giles, Albert E., brick, Peoria, Ill.
Giles, Alfred, Co., architect, F. Bldg., San Antonio & Laredo, Tex.
Giles Drilling Co., Inc., core boring contrs., 30 Church, New York.
Giles, Geo., moss—tree, Ocala, Fla.
Giles & Nielsen Nickel Wks., ice cream dishes, spoons, etc., Troy, N. Y.
Giles, Son & Hubbard, flour mills, Toshes, Va.
Gilfillan, F. C., machinists, Ebenezer, N. Y.
Gilford, F. E., hammers, cutters, boxes, etc., Concord, N. H.
Gilkerson Construction Co., 26 Richards, Salt Lake City, Utah.
Gilkey, Jarboe, Hardware Co., Chickasha, Okla.
Gill, Arthur B., architect, Heed Bldg., Philadelphia, Pa.
Gill Bros. Co., lamp globes & chimneys, Steubenville, Ohio.
Gill, C. P., & Co., granite, Montpelier, Vt.
Gill Clay Pot Co., Muncie, Ind.
Gill & Co., lamp reflectors, globes, etc., E. York & Thompson, Philadelphia, Pa.
Gill, D. A., mill & facty. supplies, Meadville, Pa.
Gill, David, Jr., masons' & bldrs.' matls., Kingston, N. Y.
Gill & Gill, architects, 752 5th, San Diego, Cal.
Gill, Howard W., fertilizer mfrs., Avalon, Va.
Gill, Irving J., archit., 913 Figueroa, Los Angeles, Cal.
Gill, J. H., machinist, Raleigh, N. C.
Gill, J. O., architect, 1004½ Commerce, Dallas, Tex.
Gill, John M., cornices, Waterbury, Conn.
Gill, Jno. N., & Co., contractors, 1215 Filbert, Philadelphia, Pa.
Gill, John P., contractor, Princeton, N. J.
Gill, Jno., & Sons Co., contractors, Citizens' Bldg., Cleveland, O.
Gill Lumber Co., Hippodrome Bldg., Cleveland, Ohio.
Gill Mfg. Co., mining picks, Phillipsburg, Pa.
Gill Mfg. Co., piston rings, 351 W. 59th, Chicago, Ill.
Gill & Mulholland, masons' & bldrs.' matls., Jacksonville, Fla.
Gill, P. H., & Sons, machinists, 2 Lorraine, Brooklyn, N. Y.
Gill, R. J., architect, Murphysboro, Ill.
Gill, Thos., Soap Co., 711 Kent av, Brooklyn, N. Y.
Gill, W. E., machsts. & fndrs., Lake Geneva, Wis.
Gill, W. L., architect, Sherman, Tex.
Gillam, H. C., mill & facty. supplies, Centralia, Wash.
Gillam, M. M., elec. illuminated signs, 110 W. 34th, New York.
Gillaspie, J. W., canned goods, Bedford, Va.
Gille Mfg. Co., tinware mfrs., 1423 W. 9th, Kansas City, Mo.
Gillen, Chambers Co., gaskets, pipe & boiler coverings (asbestos), etc., 66 N. Front, Portland, Ore.
Gillen, Edw., Dock, Dredge & Const. Co., contrs., Racine, Wis.
Gillen, Edw. E., Co., bldg. contrs. & dock bldrs., Wells Bldg., Milwaukee, Wis.
Gillen, Edw. G., dredging contrs., ft. Nock, Milwaukee, Wis.
Giller, Louis, architect, 395 Broadway, New York.
Gilles, Campbell Co., contractors, 101 Park av, New York.
Gillespie, Adam, contractor, Greenfield, Ind.
Gillespie Bros. & Co., crude rubber, 11 B'way, New York.
Gillespie & Carrel, architects, 1123 Broadway, New York.
Gillespie, Chas. H., archit., 149 Broadway, New York.
Gillespie, Chas. H., & Sons, paint & varnish remover, Dey, Jersey City, N. J.
Gillespie, D. L., & Co., lumber, Oliver Bldg., Pittsburgh, Pa.
Gillespie & Daly, contractors, International Life Bldg., St. Louis, Mo.
Gillespie, E. W., machy. dlrs., Knoxville, Tenn.
Gillespie, Earl A., sash, door & blind mfrs., Ozone Park, N. Y.
Gillespie, Jas., lumber mfr., North Tonawanda, N. Y.
Gillespie, Jno., Lbr. Co., sash, door & blind mfrs, W. 22d & Laflin, Chicago, Ill.
Gillespie, L. C., & Sons, oils, 6 Fletcher, New York.
Gillespie, Lowell, contractor, Danville, Ill.
Gillespie Machine Co., stamping dies, Phipps Pr. Bldg., Pittsburgh, Pa.
Gillespie Mfg. Co., machsts. & fndrs., 810 Brocket, Pittsburgh, Pa.
Gillespie, T. A., Co., contractors, 50 Church, New York.
Gillet, Eaton & Squire, machinists, Lake City, Minn.
Gillett Building Supply Co., sash, door & blind mfrs., Gillett, Wis.
Gillett Canning Co., Gillett, Wis.
Gillett, Charles A., canned goods, Auburn Junction, Ind.
Gillett, E. A., & Sons, carriage rims, Charlestown, Boston, Mass.
Gillette, C. H., bent wood, Indianapolis, Ind.
Gillette Clipping Mach. Co., 129 W. 31st, New York.
Gillette, Edwin F., architect, 8 S. Dearborn, Chicago, Ill.
Gillette Elec. Street Clock Co., 728 Buckingham pl. Chicago, Ill.
Gillette Light Projector Co., 10710 Clifton Blvd, Cleveland O.
Gillette Motors Co., Mishawaka, Ind.
Gillette Roller Bearing Co., factory trucks, Grand Rapids, Mich.
Gillette Safety Razor Co., 41 W. 1st, Boston, Mass.
Gillette, Thurber J., architect, 811 Park, Syracuse, N. Y.
Gillette-Vibber Co., junction boxes, bushings, couplings, etc., New London, Conn.
Gillette, W. H., Mfg. Co., bent wood, & neck yoke centers, Louisville, Ky.
Gilliam Coal & Coke Co., Lynchburg, Va.
Gilliam Mfg. Co., automobile parts, Canton, Ohio.
Gillick Bros., bldg. contrs., 319 W. Stein, St. Louis, Mo.
Gillie Machine Co., boilers, tanks, etc., Tonawanda, N. Y.
Gillies & Dashiell, canned goods, Quantico, Md.
Gillies, Jas., & Sons, stone prod., 14th, L. I. City, N. Y.
Gillinder & Sons, chemical & druggists' glassware & engng. spec., State & Deverlaux, Philadelphia, Pa.
Gillingham, Frank C., & Son Co., lumber, Norris & Richmond, Philadelphia, Pa.
Gillingham, H. F., & Co., scrap iron, 1013 N. Front, Phila., Pa.
Gillings, Peter, Co., stone, 737 E. 219th, New York.
Gillinsky, M., scrap rubber, Trenton, N. J.
Gilliom Lbr. Co., sash, door & blind mfrs., Berne, Ind.
Gillis, Chas. H., & Son, contractors, Battle Creek, Mich.
Gillis & Co., lbr., Heyworth Bldg., Chicago, Ill.
Gillis & Geohegan, boiler feeders, hoists, 537 W. B'way, New York.
Gillis, Russell A., architects, Fairmont, W. Va.
Gilliuson & Carson, architects, Glencoe Bldg., Duluth, Minn.
Gillon, Edw. E., masons' & bldrs.' matls., 3944 Geary, San Francisco, Cal.
Gillon Machine Co., Waycross, Ga.
Gilman, C. H., floor finish, paint, etc., mfr., 103 Merrimac, Boston, Mass.
Gilman Canning Co., Gilman, Ia.
Gilman, J. P., architects, Gloyd Bldg., Kansas City, Mo.
Gilman, J. W., & Son, contractors, 911 W. Clay, Richmond, Va.

Gilman Paint & Varnish Co., Chattanooga, Tenn.
Gilman, Roger, architect, Gloyd Bldg., Kansas City, Mo.
Gilman Snow Guard Co., snow guards & wire brushes, 103 Merrimac, Boston, Mass.
Gilman & Son, machsts, Springfield, Vt.
Gilman, Wm., tubular boilers, 1110 Beach, Philadelphia, Pa.
Gilman, Wm. D., Co., sulphide soda, 22 S. 3d, Philadelphia, Pa.
Gilmartin, Edw., & Sons, lumber mfrs., Ft. Wayne, Ind.
Gilmer, L. H., Co., cotton belting mfrs., Tacony, Phila., Pa.
Gilmore, A. L., structural engineer, Binghamton, N. Y.
Gilmore Bros., contractors, Toledo, Ohio.
Gilmore, D. H., Co., mill, facty., plumbers' supplies, jobbers, 515 S. 3d, Minneapolis, Minn.
Gilmore Mfg. Co., riding harrows, Burlington, Ia.
Gilmore-Puckett Co., fertz. mfrs., Amory, Miss.
Gilmore, R. E., Post, Tex.
Gilmore, S., calcined & wall plaster mfrs., Indian Falls, N. Y.
Gilmore Tube Scraper Wks., boiler cleaners, Buffalo, N. Y.
Gilmour, G. R. Howard, architect, 2415 Guilford av, Baltimore, Md.
Gilmour Hogshead Mach. Co., Owensboro, Ky.
Gilmour, J. A., pckg. box mfrs., 23 Bond, New York.
Gilpin Carriage Co., Abingdon, Va.
Gilpin, Chas., contractors, Harrison Bldg., Philadelphia, Pa.
Gilroy, Jas. J., tubular boilers, 347 39th, Brooklyn, N. Y.
Gilson Bros. Co., machsts. & fndrs., Fredonia, Wis.
Gilson, J. E., contractor, 180 Jessie, San Francisco, Cal.
Gilson Mfg. Co., machsts. & fndrs., Port Washington, Wis.
Gilsonite Constr. Co., general contractors, Wainwright Bldg., St. Louis, Mo.
Giltmer & Lee, contrs., Pasadena, Cal.
Gimbel, Geo., & Co., Inc., enamels, paints & varnishes, 24 Stone, New York.
Gimms, S. R., flour, Pendleton, S. C.
Gindele, Chas. W., Co., contractors, 3333 S. La Salle, Chicago, Ill.
Gingras, Edward F., belt dressing, 202 Main, Buffalo, N. Y.
Ginn Co., masons' & bldrs.' matls., Ironton, Ohio.
Ginn, E. R., sashes, doors & blinds, Varnville, S. C.
Ginn, I. L., & Co., fertilizer, Bowman, Ga.
Ginnold, Harold H., architect, Northern Bk. Bdg., Seattle, Wash.
Ginsburg, Abraham, architect, 11 Bloomfield, Passaic, N. J.
Ginsburg, R. L., Sons Co., scrap iron, 909 Greenwood av, Detroit, Mich.
Ginsburg, S., turpentine, Mossy Head, Fla.
Ginter-Wardein Co., sash, door & blind mfrs., Alton, Ill.
Ginther, Wm. P., architect, Everett Bldg., Akron, Ohio.
Ginther's, J., Sons Co., iron arch'l, Buffalo, N. Y.
Ginzburg, M., billiard tables, 134 Bowery, New York.
Ginzel, John, Co., dock bldrs., Buhl blk, Detroit, Mich.
Giometti Bros., cut glassware, Corning, N. Y.
Giordanni & Co., granite, Quincy, Mass.
Giorla Giuseppe, architect, 19 Madeleine av, New Rochelle, N. Y.
Gipson, H. M., & Son, sash, door & blind mfrs., Brandon, Vt.
Gipson Lumber Co., 405 Lbr. Ex., Minneapolis, Minn.
Gipson, W. A., masons' & bldrs.' matls., Upper Sandusky, Ohio.
Girard Canning Co., North Girard, Pa.
Girard Chemical Co., core oil, 24 Maurice, Buffalo, N. Y.
Girard Cornice & Roofing Co., 1022 Ridge, Philadelphia, Pa.
Girard Iron Co., blast furnaces, Girard, Ohio.
Girard Iron & Metal Co., scrap iron, E. York & Aramingo av, Philadelphia, Pa.
Girard Iron Works, fndrs., 22nd & Master, Philadelphia, Pa.
Girard Lumber Co., Menominee, Mich.
Girard Machine & Tool Co., 491 N. 3d, Philadelphia, Pa.
Girard Model Wks., Girard, Pa.
Girard Wrench Mfg. Co., Girard, Pa.
Girdletree Packing Co., Girdletree, Md.
Girnau Mfg. Co., cement mixers, Eau Claire, Wis.
Girrbach, Paul, cornices, St. Johns pl, Tompkinsville, N. Y.
Girtanner-Vavies Engng. & Contrg. Co., Chemical Bldg., St. Louis, Mo.
Girten Belting & Packing Co., Houston, Tex.
Girten-Bowman Supply Co., mill & facty. supplies, Houston, Tex.
Girton & Perry, contrs., Logansport, Ind.
Gisborne Co., lbr., Montpelier, Vt.
Gisholt Machine Co., machine tools, Madison, Wis.
Gisriel, Wm., & Son, castings, Federal & Guilford av, Baltimore, Md.
Gisselbrecht & Sator, sash, door & blind mfrs., 2025 N. Mozart, Chicago, Ill.
Git Mfg. Co., soap, Westfield, Mass.
Githens, Alfred Morton, architect, 52 Vanderbilt av, New York.
Gits Brothers Mfg. & Specialty Co., oil cups, grease caps, oil hole covers, 555 W. Monroe, Chicago, Ill.
Gits Elec'l Co., hand vacuum cleaners, 1121 Washington blvd, Chicago, Ill.
Gitt, F. L., & Co., masons' & bldrs.' matls., Roanoke, Va.
Gittner Coal & Supply Co., masons' & bldrs.' matls., Waukesha, Wis.
Gitzendanner Muller Co., machsts., 15 Vandewater, New York.
Giudici Bros. & Co., granite, Barre, Vt.
Given & Given, architects, Charleston, W. Va.
Given, R., & Son Co., harness mfrs., Sidney, Ohio.
Givens, G. O., canned goods, Buchanan, Va.
Givinner, Joseph M., architect, 14 Mariner, Buffalo, N. Y.
Givyn-Harper Mfg. Co., blankets, Patterson, N. C.
G. & J. Tire Co., Indianapolis, Ind.
Glacier Metal Co., packing mfrs., Hull & 22d, Richmond Va.
Gladbrook Pressed Brick & Tile Co., Gladbrook, Ia.
Gladden, C. S., lumber, Memphis, Tenn.
Gladding, B. F., & Co., chalk lines, S. Otselic, N. Y.
Gladding, C. B., spokes, hubs (wagon), Geneva, Ohio.
Gladding, McBean & Co., clay products mfgrs., Crocker Bldg, San Francisco, Cal.
Glade, Henry, Milling Co., flour, Grand Island, Neb.
Glade, John, & Sons, contractors, Batavia, N. Y.
Glade Valley Milling Co., flour, Walkersville, Md.
Glader, Wm., machsts., 210 N. Ann, Chicago, Ill.
Gladfelter & Chambers, contractors, 729 Roland av., Baltimore, Md.
Gladium Co., tool steel saws, drills, etc., 127 Duane, New York.
Gladstone Mattress Co., Huntington, W. Va.
Gladwin & Lane, masons' & bldrs.' matls., Westfield, Mass.
Gladys Canning Co., Gladys, Va.
Glaenzer & Co., electric magnets, 33 W. 34th, New York.
Glafey, F. A., Keenan Bldg., Pittsburgh, Pa.
Glamorgan Pipe & Foundry Co., machsts. & fndrs., Lynchburg, Va.
Glandorf, C. H., contractor, 8th & Plum, Cincinnati, Ohio.
Glasby, J. F., Lbr. Co., 9 Badger av, Newark, N. J.
Glascock Bros. Mfg. Co., washing machines, children's carriages, Muncie, Ind.
Glaser, A., metal spinning, 61 Frankfort, New York.
Glaser Co., fertilizer mfrs., Plainfield, N. J.
Glaser-Crandell Co., canned goods, 2006 S. Western av, Chicago, Ill.
Glaser, Emile F., architect, Gerke Bldg., Cincinnati, Ohio.
Glaser, Rohrer & Co., store fixtures, 502 E. 74th, New York.
Glaser & Schwartz, brewery archs., Cincinnati, Ohio.
Glaser, Wm. A., cornices & skylights, Covington, Ky.
Glasgow Canning Co., Glasgow, Mo.
Glasgow Iron Co., steel struct. mills, Pottstown, Pa.
Glasgow Iron Wks. & Supply Co., 28 West, New York.
Glasgow Milling Co., flour, Glasgow, Mo.
Glasow, Fred, agricultural implements, Fond du Lac, Wis.
Glass Brick Co., brick mfrs., 1st Nat. Bk. Bldg., Cincinnati, O.
Glass & Butner, architects, Republican Bldg., Fresno, Cal.
Glass, J. E., Lumber Co., 1129 Plymouth Bldg., Minneapolis, Minn.
Glass, Jas. A., archl. iron, 167 Congress, Boston, Mass.
Glass, Robt., & Co., Troy, N. Y.
Glasscock Stove & Mfg. Co., Greensboro, N. C.
Glasser & Co., architects, 70 Manhattan, New York.
Glassford & Dodd, masons' & bldrs.' matls., 6th, Jersey City, N. J.
Glatfelter, P. H., Co., paper & pulp mills, Spring Grove, Pa.
Glatt, Jacob, cornices, 3640 Dickens av, Chicago, Ill.
Glauber Brass Mfg. Co., plumbers' goods, etc., 49th & Superior, Cleveland, Ohio.
Glauber, M., & Co., basin wrenches, traps, chains, washers, plugs, etc., 103 Varick, New York.
Glauber, Sam S., plumbers, mill & facty. supplies, jobbers, 242 E. 79th, New York.
Glaubitz, R. B., ties, poles & posts, Wittenberg, Wis.
Glaze, Robert, contractor, Humboldt Bk. Bldg., San Francisco, Cal.
Glazier Headlight Co., Rochester, N. Y.
Gleason, Frederick, contractor, Rochester, N. Y.
Gleason, J. L., & Co., electric drills, 241 Franklin, Boston, Mass.
Gleason, James, & Co., switches, 560 W. Monroe, Chicago, Ill.
Gleason, Jno. L., boxes, Jamaica Plains, Boston, Mass.
Gleason Lumber Co., Van Wert, Ohio.
Gleason-Peters Co., screw mach. prod., etc., 384 Classon av, Brooklyn, N. Y.
Gleason, Thos. E., fourdrinier wire, cylinder molds, etc., E. Newark, N. J.
Gleason, Thos. Jay, baseball score bks., 1552 Bergen, Brooklyn, N. Y.
Gleason, Thos. L., architect, 45 Maiden la., Albany, N. Y.
Gleason-Tiebout Glass Co., bottles, arc lamps, etc., 93 Commercial, Brooklyn, N. Y.
Gleason, W. J., Co., contractors, Aitkin, Minn.
Gleason Wks., iron founders, gears, gear planers, etc., 2000 University av, Rochester, N. Y.
Gleckler, Fred, brick & tile, Oak Harbor, Ohio.
Gleckler, Geo., brick & tile, Elmore, Ohio.
Gledhill, A. C., sashes, doors & blinds, Galion, Ohio.
Gledhill & Co., machy. dlrs., Bridgeport, Conn.
Gledhill Wall Paper Co., 541 W. 34th, New York.
Gleek, Albert, & Son, contractors, Paterson, N. J.
Gleenor, C. M., architect, Bowling Green, Ky.
Gleim, Geo., Jr., architect, 149 B'way, New York.
Glen, Allen, Oil Mill, meal, Glen Allen, Miss.
Glen Alpine Milling Co., flour, Glen Alpine, N. C.
Glen, Blair Redwood Co., lumber, Monadnock Bldg., San Francisco, Cal.
Glen-Gery Shales Brick Co., Reading, Pa.
Glen Mfg. Co., sashes, doors & blinds, Glen Rock, Pa.
Glen Mills Paper Co., Stephen Girard Bldg., Philadelphia, Pa.
Glen Raven Cotton Mills, Burlington, N. C.
Glen & Stiteler, power pumps, 421 N. 19th, Phila., Pa.
Glen Union Supply Co., lbr. mfrs., Pottsville, Pa.
Glen View Brick Co., common, Clarksburg, W. Va.
Glen Wagon & Car Corp., Cortland, N. Y.

Glencairn Mfg. Co., shoe laces, Pawtucket, R. I.
Glencoe Cotton Mills, twine, Columbia, S. C.
Glencoe Distillery Co., Louisville, Ky.
Glencoe Fdry. & Machine Co., Glencoe, Minn.
Glencoe Granite Co., W. Quincy, Quincy, Mass.
Glencoe Lime & Cement Co., Syndicate Tr. Bdg., St. Louis, Mo.
Glencoe Mills, cotton flannels, Burlington, N. C.
Glencoe Turpentine Co., New Smyrna, Fla.
Glendale Elastic Fabrics Co., elastic webbing, Easthampton, Mass.
Glendale Lbr. Co., Glendale, Ore.
Glendale Mfg. Co., clothes line reels, & ice picks, 1 Madison av, New York.
Glenn Canning Co., Prospect, Va.
Glenn, Fred E., cast iron soil pipes & fittings, St. Charles, Ill.
Glenn, Hugh, & Co., masons' & bldrs.' matls., The Dalles, Ore.
Glenn Mfg. Co., iron plumbing goods, St. Charles, Ill.
Glenn-Martin Co., aeroplanes & supplies, Los Angeles, Cal.
Glennie, John, soap, North Andover, Mass.
Glenny, Wm., Glass Co., fruit jar wrenches, 10 W. Commerce, Cincinnati, Ohio.
Glenola Cotton Mills, Eufaula, Ala.
Glens Falls Brick Co., contrs., Glens Falls, N. Y.
Glens Falls Mach. Wks., Glens Falls, N. Y.
Glens Falls Portland Cement Co., Glens Falls, N. Y.
Glenshaw Glass Co., glass bottles, Glenshaw, Pa.
Glenside Woolen Mills, woolen carriage cloth, Skaneateles Falls, N. Y.
Glenwood Lumber Co., San Jose, Cal.
Glenwood Lumber & Mfg. Co., Glenwood Springs, Colo.
Glenzer, J. C., Co., special machy., Detroit, Mich.
Glesenkamp, L. E., carriages, 319 Liberty, Pittsburgh, Pa.
Glessner Co., gray iron castings, Whitaker, Ohio.
Gleye Hardware Co., wholesale, Grand Rapids, Mich.
Glick, Harris, waste cotton & wool, Worcester, Mass.
Glick, Jacob, architect, 112 E. 6th, Newport, Ky.
Glick & Weitzel, contractors, Lorain, Ohio.
Glidden, Edw. H., architect, Garrett Bldg., Baltimore, Md.
Glidden, Guy A., lbr., New Market, N. H.
Glidden, H. W., architect, Wright & Callender Bldg., Los Angeles, Cal.
Glidden Mfg. Co., butter printing & cutting machs., Beverly, Mass.
Glidden Varnish Co., 1755 W. Madison, Cleveland, Ohio.
Glidden, W. L., ladders, 1035 Atlantic av, Brooklyn, N. Y.
Glidden, Wilmot, & Son, hand & power vacuum cleaners, Oak Park, Ill.
Glide Road Machine Co., 501 S. E. Huron, Minneapolis, Minn.
Globe Automobile Sprinkler, 2035 Washington av, Phila., Pa.
Globe, B. G., architect, Robinson Arcade Bldg., Tulsa, Okla.
Globe Boiler Compound Co.. Binghamton, N. Y.
Globe Brass Fndry., 60 Elm, Cincinnati, Ohio.
Globe Brass Mfg. Co., machsts. & fndrs., 5532 Perkins ct, N. E., Cleveland, Ohio.
Globe Bldg. Co., contractors, 443 Broad, Newark, N. J.
Globe Bldg. Co., contractors, 756 S. B'way, Los Angeles, Cal.
Globe Canning Co., Eastport, Me.
Globe Casket Mfg. Co., Kalamazoo, Mich.
Globe Chemical Co., battery chemicals, 1135 Regent av, Cincinnati, Ohio.
Globe Cotton Mills, Augusta, Ga.
Globe Counter Co., Haverhill, Mass.
Globe Dredging Co., Savannah, Ga.
Globe Ear Phone Co., audiphones, 88 Tremont, Boston, Mass.
Globe Elec. Co., machsts., 6340 Stony Island av, Chicago, Ill.
Globe Elec. Co., storage batteries, 195 B'way, Milwaukee, Wis.
Globe Fertilizer Co., Louisville, Ky.
Globe Foundry & Machine Works, Niles, Ohio.
Globe Fdry. & Mach. Co., Sheboygan, Wis.
Globe Furniture Co. (Ltd.), Northville, Mich.
Globe Gas Light Co., gasoline, alcohol & kerosene specialties, 25 Union, Boston, Mass.
Glabe Grain & Milling Co., 913 E. 3d, Los Angeles, Cal.
Globe H'dwe Co., wholesale hardware, Globe, Ariz.
Globe Granite Co., Montpelier, Vt.
Globe Inventing Co., grinders, 4877 N. Hermitage av, Chicago, Ill.
Globe Iron Co., blast furnaces, Jackson, Ohio.
Globe Iron Fndry. Co., Johnstown, Pa.
Globe Iron & Metal Co., scrap iron & rubber, 117 E. York, Baltimore, Md.
Globe Iron Roofing & Corrugating Co., Newport, Ky.
Globe Iron Wks., Duluth, Minn.
Globe Iron Wks., fndrs., Erie, Pa.
Globe Iron Wks., machsts. & fndrs., Sacramento, Cal.
Globe Iron Wks., machsts. & fndrs., Tacoma, Wash.
Globe Jewelry Case Co., 127 Spring, New York.
Globe Leather Belting Co., 519 Atlantic av, Boston, Mass.
Globe Lumber Co., Globe, Wash.
Globe Mach. & Fdry. Co., Tackawana & Church, Fkd., Phila., Pa.
Globe Machine & Stamping Co., 1250 W. 76th, Cleveland, Ohio.
Globe Machy. & Supply Co., Des Moines, Ia.
Globe Malleable Iron & Steel Co., 101 Greenway av, Syracuse, N. Y.
Globe Mfg. Co., machsts., Battle Creek, Mich.
Globe Mfg. Co., towels, Gaffney, S. C.
Globe Mfg. Co., screw & washing machs., Perry, Ia.
Globe Mfg. Co., paint & varnish mfrs., Peoria, Ill.
Globe Mattress Mfg. Co., 145 North, Boston, Mass.
Globe Metal Co., fndrs., 1970 Clybourn av, Chicago, Ill.
Globe Milling Co., flour, Watertown, Wis.
Globe Motor Truck Co., Brady av, East St. Louis, Ill.
Globe Nickel Plating Co., 15 Chardon, Boston, Mass.
Globe Optical Co., goggles, 403 Washington, Boston, Mass.
Globe Packing Box Co., Washington & I. C. R. R. crossing, New Orleans, La.
Globe Paper Box Co., 105 Jefferson, Chicago, Ill.
Globe Paper Co., Evansville, Ind.
Globe Porcelain Co., Trenton, N. J.
Globe Pressed Brick Co., Ferris, Tex.
Globe Razor Co., Fremont, Ohio.
Globe Refining Co., lubricating oils, 934 Rose Bldg., Cleveland, O.
Globe Register Co., 2412 Reading rd, Cincinnati, Ohio.
Globe Rubber Tire Mfg. Co., Trenton, N. J.
Globe Seamless Steel Tubes Co., People's Gas Bldg., Chicago, Ill.
Globe Sheet Metal Co., cornices & skylights, 1413 Platte, Denver, Colo., & Seattle, Wash.
Globe Shipbldg. Co., Superior, Wis.
Globe Silk Works, thread, New Haven, Conn.
Globe Smoking Pipe Co., Cortland, N. Y.
Globe Soap Co., glycerine, etc., United Bank Bldg., Cincinnati, O.
Globe Spec. Machy. Co., 128 N. Jefferson, Chicago, Ill.
Globe Steam Boiler & Iron Wks., 349 Eddy, Providence, R. I.
Globe Steel Co., steel chilled shot, Mansfield, Ohio.
Globe Stove & Range Co., elec. cooking app., Kokomo, Ind.
Globe Ticket Co., 112 N. 12th, Philadelphia, Pa.
Globe Trimming & Button Co., 149 W. 23d, New York.
Globe Ventilator Co., Troy, N. Y.
Globe Vise & Truck Co., Grand Rapids, Mich.
Globe-Wernicke Co., index tabs, Cincinnati, Ohio.
Globe Wire Co. (Ltd.), rods—drill, Sharpsburg, Pa.
Globe Wire & Iron Wks., Atkinson av, Milwaukee, Wis.
Globe Woven Belting Co., 1398 Clinton, Buffalo, N. Y.
Glockner, Alexander M., cornices & skylights, Portsmouth, Ohio
Gloekler, Bernard, Co., butchers' machy. & supplies, 1127 Penn av, Pittsburgh, Pa.
Glogau & Co., mfrs. of specialties, Dickey Bldg., Chicago, Ill.
Glokner & Blue Co., tinsmiths' supplies, 2474 3rd av, New York.
Gloninger & Co., front brick, Arrott Bldg., Pittsburgh, Pa.
Glor Bros. & Willis Mfg. Co., stalls, machsts., Attica, N. Y.
Gloria Light Co., gasoline lamps, 1100 Wash. blvd. Chicago, Ill.
Gloria Mfg. & Supp. Co., pipe, cement, 354 W. 17th, New York.
Gloucester Isinglass & Glue Co., Gloucester, Mass.
Gloucester Net & Twine Co., Gloucester, Mass.
Gloucester Oiled Clothing Co., Gloucester, Mass.
Glove Creek Canning Co., Montvale, Va.
Glove Varnish Co., 6125 Butler, Pittsburgh, Pa.
Glover Bros., machsts. & fndrs., Paul & Vandyke, Phila., Pa.
Glover, Geo. J., contractor, 1022 Whiting, New Orleans, La.
Glover, H. W., wood handles, West Millbury, Mass.
Glover, Horatio N., & Son, gum substitutes, Mattapan, Boston, Mass.
Glover, J. G., architect, 222 Navy, Brooklyn, N. Y.
Glover Machine Works, Marietta, Ga.
Glover, W. H., Co., masons' & bldrs.' matls., Rockland, Me.
Gloversville Auto Glove Co., Gloversville, N. Y.
Gloversville Knitting Co., knitted gloves, Gloversville, N. Y.
Gloversville Silk Mills, knitted gloves, Gloversville, N. Y.
Glowacki, John B., Co., cornices, 1440 W. 47th, Chicago, Ill.
Gloyd, James R., Co., contrs., Hipp. Annex Bldg., Cleveland, O.
Glucroft & Glucroft, architects, 729 Flushing av, Brooklyn, N. Y.
Glunz Saddlery Co., Fort Scott, Kans.
Glynn Canning Co., Brunswick, Ga.
Glysson, Eugene C., granite, Barre, Vt.
Gminer, C., brick, Waupaca, Wis.
Gnu Sales Corp., copy holders, Monadnock Bldg., San Fran., Cal.
Goad Water Filter & Purifier Mfg. Co., Allentown, Pa.
Goat, Fred, Co., book binders' machy., 10 Reade, New York.
Goble, Floyd S., contractor, Port Jervis, N. Y.
Goble, Frank N., contractor, 1 E. 42d, New York.
Goble, J. H., & T. C., ship bldrs., Oswego, N. Y.
Goby Engine Co., machsts., Cleveland, Ohio.
Gochenour, W. J., flour mills, Penn Laird, Va.
Godart, Jules, architect, 328 Montgomery, San Francisco, Cal.
Godbeer, Hy., granite, Fitchburg, Mass.
Godby, W. H., & Bro., cornices & skylights, Harrison, N. J.
Godchaux Brick Co. (Ltd.), Abbeville, La.
Goddard & Co., flour mills, Estill Springs, Tenn.
Goddard, F. A., & Co., shoe counters, Lynn, Mass.
Goddard, F. H., masons' & bldrs.' matls., 520 Franklin, Detroit, Mich.
Goddard, Fred A., architect, Plymouth, Mass.
Goddard, H. I., architects, Reliance Bldg., Kansas City, Mo.
Goddard, John E., machsts. & fndrs., Spencer, Mass.
Goddard Packing Co., canned goods, Ogden, Utah.
Goddard, Simon, architect, Sheridan, Wyo..
Goddard Tool Co., cutters, jigs, gauges, etc., 351 W. Chicago, Chicago, Ill.
Goddard, Vallis V., contractor, Holyoke, Mass.
Goddard, Wm. M., architect, Cohoes, N. Y.
Godel, E., & Sons, meat packers, Peoria, Ill.
Godfrey, B. C., & Sons, masons' & bldrs.' matls., Elkhart, Ind.
Godfrey & Bolger, roll coverers, textile machy., Adams, Mass.

Godfrey, Chester N., architect, 15 Beacon, Boston, Mass.
Godfrey, E. E., machsts. & fndrs., Ithaca, N. Y.
Godfrey, E. J., Co., tex. machy., roll coverers, No. Adams, Mass.
Godfrey, G. R., harness, saddles & strap wk., Gardner, Mass.
Godfrey, H. M., agricultural implements, Jonesburg, Mo.
Godfrey, Jas. A., & Co., bldg. contrs., Wainwright Bldg., St. Louis, Mo.
Godfrey, John F., coal conveying machy., Elkhart, Ind.
Godfrey-Keeler Co., mill & facty. supplies, engines, boilers, etc., 70 Warren, New York. *See adv index at end of book.*
Godfrey, L. N., Co., lumber, 60 Congress, Boston, Mass.
Godfrey Packing Co., canned goods, Benton Harbor, Mich.
Godfriaux & Kauffmann, stone, 2115 Girard, Chicago, Ill.
Godkin, John, lbr. mfrs., Bay City, Mich.
Godley, Carroll, Lbr. Co., Dallas, Texas.
Godley, Fredk. A., architect, 15 E. 40th, New York.
Godley & Haskell, architects, 244 Madison av, New York.
Godley, S. S., & G. H., architect, Neave Bldg., Cincinnati, Ohio.
Godsey & Fry, armature rewinding, Richmond, Va.
Godwin, Alfred, glass stainers, 2217 Chestnut, Philadelphia, Pa.
Godwin Constr. Co., 251 4th av, New York.
Godwin, Thos. W., & Co., engines, iron forgings, etc., Norfolk, Va.
Goebel, J., & Co., clays, crayons, etc., 129 Maiden la, New York.
Goecke, Jos., brick, Maria Stein, Ohio.
Goedde, B. & Co., lbr. mfrs., Weber & Illinois av, East St. Louis, Ill.
Goehner, Chas., archl. iron, Racine, Wis.
Goelitz, Henry G., contractor, Oak Park, Ill.
Goeller, Chas., Constr. Co., 45 Clinton, Newark, N. J.
Goeller, H. R., fndr., 406 Frelinghuysen av. Newark, N. J.
Goeller, J. F., & Son, sashes, doors & blinds, Klamath Falls, Ore.
Goeller's, M. G., Sons, corn brooms, Circleville, Ohio.
Goenner, Albert, architect, Bliss Bldg., Washington, D. C.
Goepel, C. F., & Co., fibre washers, 137 E. 13th, New York.
Goepper, Fred, masons' & bldrs.' matls., N. Michigan & C. I. & W. R. R., Indianapolis, Ind.
Goeppinger, L. & H., horse collars, Boone, Ia.
Goertz, Aug., & Co., metal nov. & spec., 276 Morris av, Newark, N. J.
Goerz, C. P., Am. Optical Co., cameras, etc., 317 E. 34th, New York.
Goes Lithographing Co., calendar pads, 61st & Clark, Chicago, Ill.
Goes, Oscar, & Co., saws, knives, 1822 W. Lake, Chicago, Ill.
Goesse & Remmers Bldg. & Constr. Co., 805 Cass av, St. Louis, Mo.
Goessling, Wm. F., Box Co., Blair av & Mullanphy, St. Louis, Mo.
Goethe Lumber Co., Whitney, Fla.
Goethel, Alex. G., cornices, 815 Winnebago, Milwaukee, Wis.
Goethel, Alfred C., Co., ventilators, 301-303 4th, Milwaukee, Wis.
Goetjen & Workman, canned goods, 906 Webster, San Francisco, Cal.
Goetsch & Son, machsts. & fndrs., Naperville, Ill.
Goette, Rudolph F. A., machst., Rochester, N. Y.
Goetter & Hillman, contrs., Oaks Park, Ill.
Goettmann, O. J. transformers, 525 Ohio, Pittsburg, Pa.
Goetz Brass Co., plumbers' supp., 630 N. Franklin, Chicago, Ill.
Goetz Box Anchor Co., New Albany, Ind.
Goetz, Chas., & Co., wire springs, 2548 S. Kedzie av, Chicago, Ill.
Goetz-Coleman Mfg. Co., machsts. & fndrs., New Albany, Ind.
Goetz Co., architects, Yankton, S. Dak.
Goetz Const. Co., Yanktown, S. D.
Goetz Pressed Brick Co., New Albany, Ind.
Goetze Gasket & Packing Co., New Brunswick, N. J.
Goetze, Siegfried, architect, 6778 Hollywood blvd, Los Angeles, Cal.
Goetzman, H. W., sash, door & blind mfrs., Rochester, N. Y.
Goff, Chas. A., architect, 149 Breckenridge, Detroit, Mich.
Goff, D., & Sons, car plush, tapes, braids, etc., Pawtucket, R. I.
Goff, E. W., masons' & bldrs.' matls., Cumberland Mills, Me.
Goff, Garner T., contractor, Atlantic City, N. J.
Goff, Jas. C., Co., masons' & bldrs.' matls., 31 Point, Providence, R. I.
Goff-Kirby Coal Co., masons' & bldrs.' matls., Electric Bldg., Cleveland, Ohio.
Goff Lumber Co., Wilkes-Barre, Pa.
Goff, T. J., machst., Arcadia, La.
Goff, W. H., masons' & bldrs.' matls., Broadway, Ohio.
Goffin & Zeifang, gas engines, Niagara Falls, N. Y.
Gogebic Steam Boiler Wks., Duluth, Minn.
Gogel Mfg. Co., heaters, Toledo, Ohio.
Goggin Constr. Co., Arcola, Ill.
Goggin, Patrick, contrs., Fredonia, N. Y.
Gohde Nov. Co., advtg. spec., Virqua, Wis.
Goheen Mfg. Co., paints, Canton, Ohio.
Gohl, Christian, & Sons, carriages, Williamsport, Pa.
Gohmann Bros. & Kahler Co., machsts. & fndrs., New Albany, Ind.
Goiler, Chas. H., sash, door & blind, Hicksville, Ohio.
Going Mfg. Co., pearl buttons, Amsterdam, N. Y.
Gokey, Wm. J., & Co., dry docks, Erie Basin, Brooklyn, N. Y.
Golbert Last Co., wooden shoe lasts, Worcester, Mass.
Golbranson & Co., granite, S. Quincy, Quincy, Mass.
Gold Bros. Brick Co., Big Stone City, S. D.
Gold Car Htg. & Lighting Co., 17 Battery pl, New York.
Gold Coin Stove Co., Troy, N. Y.
Gold Medal Camp Furn. Mfg. Co., Racine, Wis.
Gold Medal Polish Co., floor & furniture polish, etc., Racine, Wis.
Gold Medal Waterproofing Co., East Oakland, Cal.
Gold, P., & Co., masons' & bldrs.' matls., Elizabeth, N. J.
Gold & Taylor Cut Stone Co., 312 3d av, Brooklyn, N. Y.
Gold, Walter C., belt dressing, emery wheel mfrs., 235 Race, Philadelphia, Pa.
Goldbar Lumber Co., Goldbar, Wash.
Goldberg, A., architect, 391 East 149th, New York.
Goldberg, Adolph, architect, 354 State, Brooklyn, N. Y.
Goldberg, Carl I., architect, 437 B'way, Bayonne, N. J.
Goldberg, Chas. H. & E. S., whol. h'wre, 114 Reade, New York.
Goldberg-Davidson & Co., buttons, 312 7th av, New York.
Goldberg Display Fixtures Co., 135 W. 23d, New York.
Goldberg, E., Iron Wks., 107 Hunterdon, Newark, N. J.
Goldberg, J., & Son, steel struc. wk., 7500 Independent av, Kansas City, Mo.
Goldberg & Kavadlo, arch'l iron, 245 E. 110th, New York.
Goldberg Ozone Mach. Co., generators, Indianapolis, Ind.
Goldberger & Greisen, architects, Perth Amboy, N. J.
Goldblatt, H., Tool Co., 213 E. 15th, Kansas City, Mo.
Goldcamp Bros. & Co., masons' & bldrs.' matls & wholesale h'wre, Ironton, Ohio.
Goldcamp Mill Co., flour, Ironton, Ohio.
Golden-Anderson Valve Specialty Co., Fulton Bldg., Pittsburgh, Pa.
Golden & Bartlett, contractors, Manchester, N. H.
Golden-Belknap & Swartz Co., machsts., 1248 Grand River av W, Detroit, Mich.
Golden Belt Mfg. Co., bags & bagging, Durham, N. C.
Golden & Crick, contractors, 3512 5th av, Pittsburgh, Pa.
Golden Eagle Milling Co., flour, Petaluma, Cal.
Golden Elevator & Mill Co., cereal foods ,Golden, Ill.
Golden Fire Brick Co., Denver, Colo.
Golden Fndry. & Mach. Co., mill & facty. supps., Columbus, Ga.
Golden Gate Brass & Mfg. Co., fndrs., 48 Tehama, San Francisco, Cal.
Golden Gate Mfg. Co., brewers' mchy., 9 Desbrosses, New York.
Golden Gate Packing Co., San Jose, Cal.
Golden, P., & Son, brick, Catskill, N. Y.
Golden Rule Cutlery Co., advtg. nov., 212 N. Sheldon, Chicago, Ill.
Golden State Asparagus Co., canned, 16 California, San Francisco, Cal.
Golden State Canning Co., Ontario, Cal.
Golden State & Miners' Iron Wks., 249 1st, San Francisco, Cal.
Golden State Portland Cement Co., Los Angeles, Cal.
Golden West Motors Co., Sacramento, Cal.
Golden West Plating Wks., electro plating, 131 Mission, San Francisco, Cal.
Goldenblum, Wm., & Co., whol. h'dwe, 17 Murray, New York.
Goldendale Garage, machsts., Goldendale, Wash.
Goldendale Milling Co., feed mill, Goldendale, Wash.
Golden's Foundry & Machine Co., Columbus, Ga.
Goldfein, E. H., architect, Reserve Trust Bldg., Cleveland, Ohio.
Goldie, Robert, Co., contractors, 19 S. La Salle, Chicago, Ill.
Goldie, Wm., Jr., lbr. mfrs., Bay City, Mich.
Golding Mfg. Co., machsts. & fndrs., Franklin, Mass.
Golding Sons Co., potters' supplies, feldspar miners, Trenton, N. J.
Goldingay Bros. Co., sash, door & blind mfrs., 88 E. Kinney, Newark, N. J.
Goldman, A., masons' & bldrs.' matls., Victoria, Tex.
Goldman, A., & Co., scrap iron & steel, 2580 W. Jefferson, Detroit, Mich.
Goldman, Harold, architect, 47 W. 34th, New York.
Goldman, Philip, plate glass, 81 Greene, New York.
Goldmark, Jas., Co., staples, brushes, compounds, 81 Warren, New York.
Goldner, David, architect, Highland Bldg., Pittsburgh, Pa.
Goldner & Goldberg, architects, 391 E. 149th, New York.
Goldrich, Phillip, architect, 326 E. 98th, New York.
Goldrick, Philip, brick, Kingston, N. Y.
Goldsboro Buggy Co., carriages, Goldsboro, N. C.
Goldsboro Lumber Co., Dover, N. C.
Goldschmidt-Detinning Co., 120 B'way, New York.
Goldschmidt, M., & Co., machsts., 542 S. Clark, Chicago, Ill.
Goldsmith Bros. Smelting & Refining Co., Heyworth Bldg., Chicago, Ill.
Goldsmith, C. A., brass fndr., 42 Cutler, Newark, N. J.
Goldsmith & Chatfield, contractors, 672 W. Main, Waterbury, Conn.
Goldsmith, F. L., lumber, 19 Chardon, Boston, Mass.
Goldsmith, Franklin, & Son, contractors, Catasauqua, Pa.
Goldsmith, Goldwin, architect, 306 Marvin Hall, Lawrence, Kan.
Goldsmith, Jacob S., architect, Wheeler Bldg., Columbus, Ohio.
Goldsmith, L., & Son, hdwe. mfrs., Cherry, Newark, N. J.
Goldsmith Metal Lath Co., 53 Central av, Cincinnati, Ohio.
Goldsmith, N. W., lbr., Chester, N. H.
Goldsmith, Stern & Co., sewing thimbles, 33 Gold, New York.
Goldsmith & Tuthill, masons' & bldrs.' matls., Cutchogue, N. Y.

Goldsmith's, P., Sons, base ball mfrs., etc., John, Findlay & Charlotte, Cincinnati, Ohio.
Goldstein, Eli W., architect, 47 Niagara, Buffalo, N. Y.
Goldstein Eng. Co., fire alarms, 45 Maiden la., New York.
Goldstein, I. J., Co., architects, Ohio Bldg., Akron, Ohio.
Goldstein, Irwin, contractor, Plymouth Bldg., Minneapolis, Minn.
Goldstein, Jos. (Est. of), metallic shades, 323 Pearl, New York.
Goldstein, Louis, plate glass, 231 Bowery, New York.
Goldstein, Molse H., architect, Title Guarantee Bldg., New Orleans, La.
Goldstein's, L., Sons, scrap brass, iron & steel, Allegheny bet. Richmond, Philadelphia, Pa.
Goldstone, Jos., horse & coat hair, 335 B'way, New York.
Goldstone, Tobias, architect, 50 Graham av, Brooklyn, N. Y.
Goldwaite, C. D., contractor, Marsh-Strong Bldg., Los Angeles, Cal.
Goldwater, J. M., scrap rubber, 943 N. American, Philadelphia, Pa.
Goll, John, & Co., building contractors, 1539 Filbert, Philadelphia, Pa.
Golley & Finley Iron Wks., machsts & fndrs., Lima, Ohio.
Gollmar, E. T., machsts. & fndrs., Baraboo, Wis.
Gollner, Phillip, Co., plumbers', mill & facty. supplies, W. 33d & Archer av, Chicago, Ill.
Golucke, C. H. & Son, masons' & bldrs.' matls., Crawfordville, Ga.
G. & O. Mfg. Co., airplane radiators, New Haven, Conn.
Gomber, John, mill & facty. supplies, Frederick, Md.
Gompert, Wm. H., architect, 171 Madison av, New York.
Gomperts, Chas. W., contractors, 503 Market, San Francisco, Cal.
Gomph, Hy. G., & Co., hdwe. mfrs., Albany, N. Y.
Gondert & Lienesch, packing box mfrs., Dayton, Ohio.
Gong Bell Mfg. Co., East Hampton, Conn.
Gonser, Jno. R., lumber, Kutztown, Pa.
Gonzales Cotton Mill Co., Gonzales, Tex.
Gonzales Cotton Oil & Mfg. Co., meal, Gonzales, Tex.
Gonzalez, Andres, beeswax, crude rubber, 82 Pine New York.
Goo & Hopkins, lumber, machy., Delevan, N. Y.
Gooch, Arthur M., mchsts. & fndrs., Newton Center, Mass.
Gooch-Edenton Hardware Co., Jackson, Tenn.
Gooch Milling & Elevator Co., flour, Lincoln, Neb.
Good Bros., brick, South English, Ia.
Good Bros. Leather Co., 142 Frelinghuysen av, Newark, N. J.
Good, Charles, architect, Grand Island, Neb.
Good & Craft, elec. light fix. mfrs., 514 N. Eutaw, Baltimore, Md.
Good, Geo. S., Fire Brick Co., Patton, Pa.
Good Housekeeping Co., elec. cooking apparatus, Berkeley, Cal.
Good, J. R., & Co., sash, door & blind, Colfax, Wash.
Good, James, soap, 939 N. Front, Philadelphia, Pa.
Good & Lee, contractors, Frankfort, Ind.
Good Mfg. Co., ins. tape, 160 N. Wells, Chicago, Ill.
Good Mfg. Co., pipe straps, tank balls, etc., 305 E. 134th, New York.
Good Pine Lumber Co., Goodpine, La.
Good Roads, trade publication, 150 Nassau, New York.
Goods Roads Constr. Co., Galveston, Tex.
Good Roads Machy. Co., Kennett Square, Pa.
Good Tool & Supply Co., mill, factory & steamfitters' supplies, Lima, Ohio.
Goodale Co., machsts. & fndrs., Kalamazoo, Mich.
Goodall Hammock Co., Westbrook, Me.
Goodall, J. B., & Sons Co., masons' & bldrs.' matls. & contr., Peru, Ind.
Goodall Rubber Co., 11th & Race St., Philadelphia, Pa.
Goodbody, Wm., envelopes, 505 W. B'way, New York.
Goode Canning Co., Henry, Va.
Goode & Hayward, masons' & bldrs.' matls., Springfield, Ohio.
Goode, R. L., & Sons, canned goods, Buchanan, Va.
Goode, W. P., Brush Co., 136 North, Boston, Mass.
Goodell Co., agricultural implements, Antrim, N. H.
Goodell Granite & Marble Co., Burlington, Vt.
Goodell, J. H., & Son, machsts., Marseilles, Ill.
Goodell Mfg. Co., boring tools, machsts., Greenfield, Mass.
Goodell-Pratt Co., 1,700 kinds of carpenters' and machinists' hand tools, Greenfield, Mass.
Goodell, Skiles Lumber Co., Chandlerville, Ill.
Goodell Tool Co., machsts. & fndrs., Shelburne Falls, Mass.
Goodell, Zina, mill & facty. supplies, Salem, Mass.
Goodenow-Brookfield Knitting Co., sweaters, cardigans, etc., 420 B'way, Kansas City, Mo.
Goodenow & Ginn, contractors, 435 Vinewood, Detroit, Mich.
Goodfarb, Chas., elec. & gas light fixtures, 219 Grand, New York.
Goodfellow, Irving, archt., Boston Bldg., Salt Lake City, Utah.
Goodfellow's, W. H., Sons, wholesale hdwe., Altoona, Pa.
Goodhue, Bertram G., architect, 2 W. 47th, New York.
Goodin, R. G., brick, Lebanon, Ky.
Goodin, Reid & Co., cloth, 4th & Main, Cincinnati, Ohio.
Goodjohn Sash & Door Co., Leavenworth, Kans.
Goodland Cypress Co., lumber, Hibernia Bldg., New Orleans, & Chacahoula, La.
Goodlander, Geo. W., contrs., Mass. Bldg., Kansas City, Mo.
Goodlander Milling Co., flour, Fort Scott, Kans.
Goodlander-Robertson Lumber Co., Memphis, Tenn.
Goodlatte & Sons, oil cloth mfrs., Delowanna, N. J.
Goodlin, J. O., Son & Co., masons' & bldrs.' matls., Toronto, O.
Goodline Mfg. Co., index cards & brackets, Kent, Ohio.
Goodman Contracting Co., 263 E. 133d, New York.
Goodman, E. & Co., contrs., La Salle, Ill.
Goodman Engine & Machine Co., machsts. & fndrs., S. 15th & Muriel, Pittsburgh, Pa.
Goodman & Gavin, pckg. box mfrs., 248 Metropolitan av, Brooklyn, N. Y.
Goodman, John, contractor, 2133 Florence av, Cincinnati, Ohio.
Goodman, K. S., Co., lbr., 80 E. Jackson blvd, Chicago, Ill.
Goodman, K., & Son, cornices, Chester, Pa.
Goodman Lumber Co., Goodman, Wis.
Goodman Machine & Tool Co., variable speed transmission, 50 Church, New York.
Goodman Mfg. Co., mining machy., Halsted & 48th pl, Chicago, Ill.
Goodman, W. A., fndrs., Waterloo, Ia.
Goodman, W. W., contractor, Canton, Ohio.
Goodmiller, Preston V., architect, Stockton, Ill.
Goodner Pump & Mfg. Co., Rocky Ford, Colo.
Goodnow & Blake Mfg. Co., carbureter floats, 4th & Porter, Detroit, Mich.
Goodnow, E. J., lbr., Parkhill, N. H.
Goodnow, L. H., Foundry Co., emery grinders, fly wheels, etc., Fitchburg, Mass.
Goodpasture & Tenison, harness, saddles, etc., Nashville, Tenn.
Goodrich, B. F., Co., rubber belting, Akron, Ohio, and Broad & Spring Garden, Philadelphia, Pa.
Goodrich, B. F., Rubber Co., belting mfrs., 1925 Michigan av, Chicago, Ill.
Goodrich, C. E., stone, Auburn, N. Y.
Goodrich, Chas. W., brick, Wheatland, Wyo.
Goodrich & Clark, architects, Augusta, Ga.
Goodrich & Goodrich, architects, Abingdon Bldg., Portland, Ore.
Goodrich, H. M., saws, Bellingham, Wash.
Goodrich, J. F., & Co., carriages, New Haven, Conn.
Goodrich, W. J., fertilizer, Royal Center, Ind.
Goodrich, W. S., brick, Epping, N. H.
Goodrich, Wm., & Co., linseed oil & cake mills, 30th & Hopkins, Milwaukee, Wis.
Goodrich, Wm. F., architect, 3298 Jefferson E., Detroit, Mich.
Goodrum, John W., contractor, Seguin, Tex.
Goodsell, B. J., Hdw. Co., cornices & skylights, Ludington, Mich.
Goodsell Mfg. Co., sashes, doors & blinds, Toledo, Ohio.
Goodspeed Machine Co., Winchendon, Mass.
Goodwater Fertilizer Co., Goodwater, Ala.
Goodwell Elec. Co., htg. pads, 59 E. Van Buren, Chicago, Ill.
Goodwillie Bros., packing box & box shooks mfrs., 10 La Salle, Chicago, Ill.
Goodwillie, D. M., Co., packing box mfrs., 22d & Allport, Chicago, Ill.
Goodwin-Bradely Pattern Co., 227 Eddy, Providence, R. I.
Goodwin Bros., common brick, Minonk, Ill.
Goodwin Bros. Pottery Co., Elmwood, Conn.
Goodwin, Bullard & Woolsey, architect, 4 E. 39th, New York.
Goodwin, C. E., & Sons, woolen blankets, Cumberland Gap, Tenn.
Goodwin Car Co., 17 Battery pl, New York.
Goodwin, E. S., architect, 29 Weybosset, Providence, R. I.
Goodwin, F. C., cornices, 5556 Arch, Philadelphia, Pa.
Goodwin, F. E., Lbr. Mfgrs., Chelsea, Utah.
Goodwin-Gallagher Sand & Gravel Corp., 61 B'way, New York.
Goodwin, J. C., underwear folding & cutting machs., 2d & Diamond, Philadelphia, Pa.
Goodwin, John A., brick, 27th & Tioga, Philadelphia, Pa.
Goodwin, L. B., canned gds., Olaf, Va.
Goodwin, L. P., wood handles, Erin, Tenn.
Goodwin Lumber Co., Pleasant Lake, Ind.
Goodwin Mfg. Co., plumbers' candles, 3332 Chouteau, St. Louis, Md.
Goodwin & Mitchell, contractors, Brookline, Mass.
Goodwin Preserving Co., canned goods, Louisville, Ky.
Goodwin Tile & Brick Co., Des Moines, Ia.
Goodyear, A. B., binders—lumber, load, Bloomdale, Ohio.
Goodyear Bros., masons' & bldrs.' matls., Carlisle, Pa.
Goodyear, C. A., Lumber Co., Tomah, Wis.
Goodyear Cotton Mills, tire fabrics, Killingly, Conn.
Goodyear Lbr. Co., Marine Nat. Bank Bldg., Buffalo, N. Y.
Goodyear Rubber Co., fire extinguishers, rubber belting, hose, packing, 539 Mission, San Francisco, Cal.
See adv index at end of book
Goodyear Rubber Co., 787 B'way, New York.
Goodyear Rubber Hose & Packing Co., belt dressing, 241 Chestnut, Philadelphia, Pa.
Goodyear Rubber Insulating Co., 105 E. 131st, New York.
Goodyear Tire & Rubber Co., Akron, Ohio.
Goodyear's Metallic Rubber Shoe Co., Naugatuck, Conn.
Googins & Clark, bldg. contrs., Portland, Me.
Gooley & Edlund, machsts., Cortland, N. Y.
Gooley, W. F., cornices, 1911 W. Fayette, Syracuse, N. Y.
Goossen, Stephen B., architect, 92 B'way av, Detroit, Mich.
Gopher Envelopes Co., 500 S. 5th, Minneapolis, Minn.
Gopher Hardware Co., 212 N. 1st, Minneapolis, Minn.
Gordon, A. D., heaters, 231 Franklin, Buffalo, N. Y.
Gordon, Balch & Lippert, architects, Madison, Wis.
Gordon Bros., cotton waste, Hazardville, Conn.

Gordon Bros., curled hair, Pierce & Orthodox, Philadelphia, Pa.
Gordon, Chapman Co., mattresses, 1245 W. 14th pl., Chicago, Ill.
Gordon Engg. Corpn., dryers, 39 Cortlandt, New York.
Gordon, G. W., contractor, 166 11th, Portland, Ore.
Gordon, Geo. W., architect, Law Bldg., Indianapolis, Ind.
Gordon, H. L., machsts., West Garland, Me.
Gordon, H. W. (Est. of), stencils, Lynn, Mass.
Gordon-Hauss-Folk Co., flour, St. Marys, Ohio.
Gordon Hollow Blast Grate Co., Greenville, Mich.
Gordon, J. P., Co., tire covers, fabrics, etc., Columbus, Ohio.
Gordon, J. Riley, architect, 507 5th av, New York.
Gordon, Jas. L., cornices, Lowell, Mass.
Gordon, L. S., pea pickers, Elizabeth City, N. C.
Gordon-Lawless Co., sheet metal goods, Omaha, Neb.
Gordon Lumber Co., Middletown, N. Y.
Gordon Mach. Co., 650 Evans, Cincinnati, O.
Gordon & Madden, architects, 300 Sibley blk., Rochester, N. Y.
Gordon Metal Co., tin plate, metals, etc., whol., Richmond, Va.
Gordon, Orville E., fire extinguishers, Rays Crossing, Ind.
Gordon Piano Co., 709 Whitlock av, New York.
Gordon Plumbing & Heating Co., 311 W. 47th, Chicago, Ill.
Gordon Propeller & Mfg. Co., 9901 Desmond av, Cleveland, Ohio.
Gordon, R. W., & Co., soap, McKeesport, Pa.
Gordon Sand Co., Conneaut, Ohio.
Gordon & Smithline, brick, Phoenix, Ariz.
Gordon Supply Co., cotton duck, 537 Albany, Boston, Mass.
Gordon Supply Co., mill & facty. supplies & machy. dlrs., Chicago Heights, Ill.
Gordon & Taylor Const. Co., Century Bldg., Denver, Colo.
Gordon Tire & Rubber Co., Canton, Ohio.
Gordon, Van Tine Co., grille work, sash, doors & blinds, Davenport, Ia.
Gordon, Wm. M., & Son, woolen blankets, Galax, Va.
Gordon & Gordon, pea harvesters, Elizabeth City, N. C.
Gordonsville Milling Co., flour, Gordonsville, Tenn.
Gordy, Geo. G., flour, Cusseta, Ga.
Gore, Howard M., paper & pulp mills, Freeland, Md.
Gore, Simeon T., architect, Walla Walla, Wash.
Gore, D. B., Co., Inc., New Orleans, La.
Goreczky, A., sashes, doors & blinds., Boise, Idaho.
Gorham Bros. Co., machsts. & fndrs., Mount Pleasant, Mich.
Gorham Co., Architectural Bronze, 5th av & 36th, New York. *See adv index at end of book.*
Gorham, D. F., stone producers, Mount Kisco, N. Y.
Gorham Engng. Co., machsts., Oakland, Cal.
Gorham Fire Apparatus Co., 127 Mission, San Francisco, Cal.
Gorham, H. E., machsts., Oneonta, N. Y.
Gorham, H. W., cribbage boards, East Norwalk, Conn.
Gorham-Revere Rubber Co., insulating tape, 50 Tremont, San Francisco, Cal.
Gorlitz, S., cornices, 65 Reid av, Brooklyn, N. Y.
Gorman, Chas. B., trunk mfrs., 329 N. Howard, Baltimore, Md.
Gorman Elec. Co., 315 Minn., St. Paul, Minn.
Gorman, Jas. J., cornices, Albany, N. Y.
Gorman, M. B., Co., masons' & bldrs.' matls., Defiance, Ohio.
Gorman, Thos. C., cotton damasks, Adams & Church, Phila., Pa.
Gormley, P. F., Co., bldg. contractors, Union Trust Bldg., Washington, D. C.
Gormley, Robt. W., & Co., machsts., Troy, N. Y.
Gorndt, C. A., & Co., oven bldrs., 189 W. Madison, Chicago, Ill.
Gornell, E., Sons Co., platers' brushes, 547 Quincy, Chicago, Ill.
Gorning & Luey, patterns & models, 1112 N. B'way, St. Louis, Mo.
Go-Ro Mfg. Co., roof flanges, 826 Baronne, New Orleans, La.
Gorrell, H. E., canned goods, Bel Air, Md.
Gorrie, D. F., & Son, contrs., Montgomery, Ala.
Gorrill, C. H., & A. W., contractors, Call Bldg., San Fran., Cal.
Gorse, F. W., Co., elastic hosiery, Needham Heights, Mass.
Gorse, Wm., & Co., elastic hosiery, Needham Heights, Mass.
Gorsline & Swan Const. Co., Rochester, N. Y.
Gorton, Geo., Machine Co., Racine, Wis.
Gorton & Lidgerwood Co., steam & hot water heaters, valves, etc., 96 Liberty, N. Y.
Gosa Brockman Co., jigs & fixtures, 12 N. 5th, Phila., Pa.
Goseh Bros. & Sons, sash, door & blind mfrs., 6436 Wentworth av, Chicago, Ill.
Goshen Buggy Top Co., Goshen, Ind.
Goshen Churn & Ladder Co., Goshen, Ind.
Goshen Cornice Wks., sheet metal goods mfrs., Goshen, Ind.
Goshen Eyelet Co., Goshen, Ind.
Goshen Lightning Rod Co., Goshen, Ind.
Goshen Lumber Co., Goshen, Wash.
Goshen Mfg. Co., mfrs. of lawn swings, ladders & agricultural implements, Goshen, Ind.
Goshen Milk Condensing Co., canned, Goshen, Ind.
Goshen Milling Co., flour, Goshen, Ind.
Golden Novelty & Brush Co., medicine cabinets, lamps, racks, etc., Goshen, Ind.
Goshen Sash & Door Co., Goshen, Ind.
Goshen Stamping & Brass Co., machsts., Goshen, Ind.
Goshen Sweeper Co., Grand Rapids, Mich.
Goshen Veneer Co., Goshen, Ind.
Goshorn Hardware Co., Charleston, W. Va.
Goss Bros., clothes line, Fall River, Mass.
Goss, C. B. & F. H., masons' & bldrs.' matls., Melrose, Mass.
Goss & Conly, granite prod., West Danville, Vt.
Goss, F. H., Brick Co., common, Tacoma, Wash.
Goss, J. C., Co., flag mfrs., Detroit, Mich.
Goss, J. & E., tex. machy., supplies (Reeds), Fall River, Mass.
Goss, John L., Corp., granite, Stonington, Me.
Goss, Jos., & Son, machsts. & fndrs., Centerville, Ia.
Goss Printing Press Co., 1535 S. Paulina, Chicago, Ill.
Goss, Wm. Howard, lumber, Paintersville, Pa.
Gossard, A. R., mill & facty. supplies, Austin, Tex.
Gossert, Hy, classic wood carver, 320 Harmon, Philadelphia, Pa.
Gossett, A. F., & Son, fertilizer, Griffin, Ga.
Gosso Co., army cots, etc., 14 E. Jackson, Chicago, Ill.
Gosweiler, S. O., canned goods, Bel Air Md.
Gosweiler, W. L., canned goods, Aberdeen, Md.
Gotham Can Co., 60 Eagle, Brooklyn, N. Y.
Gotham Knitting Mills, sweaters, bathing suits, 30 W. 21st New York.
Gotham Pearl Button Wks., 45 E. 17th, New York.
Gothberg, H. & E., machsts. & fndrs., 139 Cator av, Jersey City, N. J.
Gotshall Mfg. Co., lumber & cooperage stock, Hawthorne & L. S. & M. S. Ry., Toledo, Ohio.
Gott, Francis H., architect, Carter Bldg., Rochester, N. Y.
Gotten, D. H., flour mills, Bartlett, Tenn.
Gottesleben, Oscar C., architect, Dime Bk. Bldg., Detroit, Mich.
Gottfried, A., & Co., organ pipes, Erie, Pa.
Gottko, J., & Sons, contractors, Bayonne, N. J.
Gottlieb, A., & Sons Co., confetti, 54 S. 2d, Brooklyn, N. Y.
Gottlieb, I., ale pumps, 332 W. 52d, New York.
Gottlieb, M., & Sons, packing box mfrs., 20 Clarke, New York.
Gotto, O. W., masons' & bldrs. matls., Michigan City, Ind.
Gottron Bros., Co., masons' & bldrs.' mtls., Fremont, Ohio.
Gottschalk, Andrew, brick, Berne, Ind.
Gottschalk, Chas. E., architect, Phelan Bldg., San Fran., Cal.
Gottschalk & Co., pan cleaning machines, Reedsville, Pa.
Gottschalk Construction Co., 219 Castle Hall, Indianapolis, Ind.
Gottschalk, F. S., Furnace & Roofing Co., Covington, Ky.
Gottschalk, J. W., Mfgr. Co., magnet & telephone wire, 2726 Mascher, Phila., Pa.
Gotwald, Robert C., architect, Gotwald Bldg., Springfield, Ohio.
Goubert, A. A., hammers, 90 West, New York.
Gouge & Ames, architects, 70 Genesee, Utica, N. Y.
Gough, Richard, & Co., china wood & soya bean oils, 69 Ball, New York.
Gough, W. L., Co., balata; crude rubber, 16 Exchange pl., New York.
Gould, A. H., architect, Henry Bldg., Portland, Ore.
Gould, A. R., & Sons, carriages, Scranton, Pa.
Gould, A. W., architect, American Bk. Bldg., Seattle, Wash.
Gould & Ash, chemical engrs., 216 Pine, San Francisco, Cal.
Gould, Augustus, machst., Norwich, Conn.
Gould Balance Valve Co., Kellogg, Ia.
Gould, Carl F., architect, Securities, Seattle, Wash.
Gould Co., plumbers supplies, jobbers, 69 N. 12th, Portland, Ore.
Gould Coupler Co., machsts. & fndrs. & steel car platforms, 30 E. 42d, New York.
Gould & Cutler, paints, 45 Sudbury, Boston, Mass.
Gould & Eberhardt, gear hobbing & metal shaping machines, etc., Newark, N. J.
Gould, F. P., & Son, contractors, City Nat. Bk. Bldg., Omaha, Nebr.
Gould, G. E., carriages, Lake Grove, N. Y.
Gould & Gould, architects, 146 Westminster, Providence, R. I.
Gould Grain Co., 600 Flour Ex., Minneapolis, Minn.
Gould, Lee, H. & Co., cornices & skylights, 251 Arcade, Cleveland, Ohio.
Gould Mfg. Co., lbr., Oshkosh, Wis.
Gould-Mersereau Co., hdwe.; machsts. & fndrs., 52 W. 38th, New York.
Gould & Nowlen, mill & facty. supplies, Bath, N. Y.
Gould Packing Co., Cambridge, Mass.
Gould Paper Co., Lyons Falls, N. Y.
Gould Storage Battery Co., 30 E. 42d, New York.
Gould's, M. Son & Co., machsts. & fndrs., 115 Lafayette, Newark, N. J.
Goulds Mfg. Co., pumps, 71 W. Fall, Seneca Falls, N. Y. *See adv index end of book.*
Goulet & Co., sahes, doors & blinds, Toledo, Ohio.
Gourlay Granite Wks., Westerly, R. I.
Gourley, Arthur, & Co., lbr., 11 S. LaSalle, Chicago, Ill.
Gouverneur Marble Co., Gouverneur, N. Y
Gove, Hartley, glass tubing, Vineland, N J.
Gove, S. H., archit., Dayton, Fla.
Gove & Walsh, architects, Boston Bldg., Denver, Colo.
Gow, Chas. R., Co., contractors, 166 Devonshire, Boston, Mass.
Gow, Geo., contractor, Carnegie, Pa.
Gowanda Agricultural Wks., Gowanda, N. Y.
Gowdey, J. A., Reed & Harness Mfg. Co., 1226 N. Main, Providence, R. I.
Gower, Fielding, contractor, Yonkers, N. Y.
Gowing, D. H. Veneer Co., Portsmouth, Va.
Gowing, Dietrick, Co., dairy app. & supplies, 240 W. Jefferson, Syracuse, N. Y.
Gowing, Frederick H., architect, 18 Tremont, Boston, Mass.
Goyne Steam Pump Co., Ashland, Pa.
G. & P. Engraving Co., name plates, Wollaston, Mass.
Grabe & Helleberg, architects, Columbus, Nebr.
Graber, Francis, cornices, 2306 N. 4th, Philadelphia, Pa.

Grabler Mfg. Co., conduit hangers & malleable iron castings, Cleveland, Ohio.
Grabo, E. O., Machine Works, machinery mfrs., 180 Center, New York.
Grace & Bernieri, contrs., Claus Spreckels bldg., San Frsco., Cal.
Grace Constr. & Supp. Co., Fort Wayne, Ind.
Grace, E. J., gas engines, 2811 Raspberry, Erie, Pa.
Grace Harbor Lumber Co., ties, ft. Western blvd, Detroit, Mich.
Grace Varnish Co., 1014 Larrabee, Chicago, Ill.
Grace, W. R., & Co., crude rubber, 7 Hanover Sq., New York.
Grace, Wm., onyx importers, 123 Liberty, New York.
Grace, Wm., Co., contractors, 519 S. Oakley, Chicago, Ill.
Gracey, R., & Sons Co., pile shoes, 115 1st av, Pittsburgh, Pa.
Gracie, Chas. R., portables, 309 W. 41st, New York.
Grad, Frank, architect, 245 Springfield av, Newark, N. J.
Grade Casket Co., 734 E. 17th, Los Angeles, Cal.
Gradin Bros., scrap iron & rubber, Cleveland, Ohio.
Gradwohl, F., Engr. & Contg. Co., 101 Park av, New York.
Grady, F. M., carriages, Butte, Montana.
Grady, J. E., & Co., mill & facty. supp., Apalachicola, Fla.
Grady, Jas. L., contractors, Beverly, Mass.
Grady, John, & Son, contractors, Bangor, Me.
Grady, M. J., Mixture Mfg. Co., shade or glove holders, 608 1st av, N., Minneapolis, Minn.
Grady Mfg. Co., metal polish, Bridge Plaza, Astoria, N. Y.
Grady, T., contractor, Yonkers, N. Y.
Graebert & Sons, machsts. & brass fndrs., 12 Sherman, Detroit, Mich.
Graef, Christ, sweaters, etc., 2261 N. 2d, Philadelphia, Pa.
Graef & Schmidt, whol. hdwe. & cutlery mfrs., etc., 107 Chambers, New York.
Graeser Mfg. Co., advtg. novelties, 55 Taggart, Pittsburgh, Pa.
Graf, Frank H., Mfg. Co., fireplace fixture mfrs., 322 7th av, New York.
Graf, Fred, architect, Matthews Bldg., Milwaukee, Wis.
Graf, Henry C., contractor, Baraboo, Wis.
Graf, Jos., machst. & fndr., 886 Park av, Brooklyn, N. Y.
Graf, Martin, archit'l iron, 279 Avenue B, New York.
Graf-Morsbach Co., harness, saddles & strap wk., Flint & Wade, Cincinnati, Ohio.
Graf Stove & Range Co., Silverlake, Wis.
Graf-Webb Iron Mfg. Co., fndrs., Louisville, Ky.
Graff, A., & Sons, bank railings, 39 Shipley, San Francisco, Cal.
Graff Constr. Co., Seattle, Wash.
Graff Furnace Co., 105 E. 29th, New York.
Graff, Geo. B., Co., office devices, mfrs., 294 Washington, Boston, Mass.
Graff, P., & Co., blankets, flannels, woolen, Worthington, Pa.
Graff, R. F., & Sons, architects, Knoxville, Tenn.
Graffa & Son, contrs., Columbus, Ind.
Grafried, W. F., flour mills, Danville, Tenn.
Grafton Coal & Coke Co., Grafton, W. Va.
Grafton Foundry Co., Grafton, Wis.
Grafton Quarry Co., Wright Bldg., St. Louis, Mo.
Grafton, R. E., canned goods, Forest Hill, Md.
Grafton Roller Mill Co., Grafton, N. D.
Grafton Stone Co., Hickox Bldg., Cleveland, Ohio.
Graham, Anderson, Probst & White, archits., 244 Madison av, New York.
Graham & Berwin, key rings, knobs, dog collars, etc., 107 Lafayette, New York.
Graham Bros., gin distillers, Rockford, Ill.
Graham Bros., & Co., soap, 1319 W. Lake, Chicago, Ill.
Graham, Burnham & Co., architects, First Nat'l. Bk. Bldg., Omaha, Neb., Railway Exchange Bldg., Chicago, Ill., & 80 Maiden la, New York.
Graham-Campion Co., contractors, Heed Bldg., Philadelphia, Pa.
Graham, Chas., Chemical Pottery Wks., 986 Metropolitan av, Brooklyn, N. Y.
Graham, D. S., & Co., Ellzey, Fla.
Graham, Dwight, machst. & fndr., Hamilton, N. Y.
Graham, Edward T. P., architect, 20 Beacon, Boston, Mass.
Graham, F. J., brick, Lynn, Mass.
Graham, F. M., & Co., masons' & bldrs. matls., Fitzgerald, Ga.
Graham, Geo. D., printing inks, 523 Commercial, San Francisco, Cal.
Graham Glass Co., glass makers' sand, Evansville, Ind.
Graham & Hill, archts., Hume-Mansur Bldg., Indianapolis, Ind.
Graham, J. W., & Co., architects & engrs.' instrs. & supplies, Spokane, Wash.
Graham, James, & Co., brass fndrs., New Haven, Conn.
Graham, James, Mfg. Co., stoves & ranges, 531 Mission, San Francisco, Cal.
Graham, Jno., architect, Joshua Green Bldg., Seattle, Wash.
Graham, John B., contractors, 8 Beacon, Boston, Mass.
Graham, John H., architect, 1836 Euclid av, Cleveland, Ohio.
Graham, Jno. H., & Co., whol. hdwe., 113 Chambers, New York.
Graham, John, Jr., architect, Rl. Est. Tr. Bldg., Phila., Pa.
Graham, L. L., scenic artist, Brooklyn, N. Y.
Graham Lumber Co., 41 E. 4th, Cincinnati, Ohio.
Graham Lumber Co., Wright, Bldg., St. Louis, Mo.
Graham & McKeon, contractors, Perth Amboy, N. J.
Graham Mfg. Co., drill speeders, knurl holders, drill vises, etc., mfrs., 96 Point, Providence, R. I.
Graham Mfg. Co., key blanks, Derby, Conn.
Graham Mattress Co., Big Stone Gap, Va.
Graham Mill & Elevator Co., flour, Graham, Tex.
Graham Milling Co., Lancaster, Ohio.
Graham Nut Co., bolt ends, 1317 W. Carson, Pittsburgh, Pa.
Graham Paper Co., roofing & blasting paper, St. Louis, Mo.
Graham Roller Bearing Co., Coudersport, Pa.
Graham & Ross Mercantile Co., masons' & bldrs.' matls., Great Falls, Mont.
Graham, Mrs. S. C., & Son, turpentine, Baxley, Ga.
Graham, S. P. Lbr. Co., 810 Magazine, Louisville, Ky.
Graham & Schenck, masons' & bldrs.' matls., West Union, Ia.
Graham, Thos., & Co., wood singletrees, doubletrees & whiffletrees, Madison, Ind.
Graham, W. M., & Co., contractors, Erie, Pa.
Graham, Wm. H., contractor, Aurora, Ill.
Grahamton Mfg. Co., twine, yarn, Grahamton, Ky.
Grahman Granitoid Co., bldg. contrs., 4952 Lotus av, St. Louis, Mo.
Grain Belt Tractor Co., Fargo, N. Dak.
Gram, Edmund, pianos, 414 Milwaukee, Milwaukee, Wis.
Gramercy Brass & Iron Wks., 615 10th av, New York.
Gramm-Bernstein Co., motor trucks, Lima, Ohio.
Grammes, L. F., & Sons, machinery, tools, supplies & metal goods, mill & facty. supplies, 344 Union, Allentown, Pa.
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Grams, Wm., sashes, doors & blinds, Sturgis, S. D.
Granam, Chas., lumber, Scotia, Wash.
Granberg, Emil, baseball bats, St. Louis, Mo.
Granby Mining & Smelting Co., St. Louis, Mo.
Granby Pulp & Paper Co., Fulton, N. Y.
Grand Canyon Lime & Cement Co., Los Angeles, Cal.
Grand Central Iron Wks., 212 E. 52d, New York.
Grand Corr. Paper Co., 30 Crosby, New York.
Grand Crossing Boiler Wks., 1244 E. 73d, Chicago, Ill.
Grand Crossing Tack Co., S. Chicago av & E. 79th, Chicago, Ill.
Grand Detour Plow Co., Dixon, Ill.
Grand Forks Fndry. & Mach. Co., Grand Forks, N. D.
Grand Haven Brass Fndry, Grand Haven, Mich.
Grand Island Culvert & Metal Wks., Grand Island, Neb.
Grand Island Tannery & Halter Co., Grand Island, Neb.
Grand Isle Lbr. Co., Van Buren, Me.
Grand Knitting Wks., sweaters, cardigans, etc., 291 Essex, Brooklyn, N. Y.
Grand Lake Co., paper bags, 280 Madison av, New York.
Grand Ledge Chair Co., piano benches, Grand Ledge, Mich.
Grand Ledge Clay Product Co., underground conduits, Grand Ledge, Mich.
Grand Rapids Art Glass Co., Grand Rapids, Mich.
Grand Rapids Bedding Co., mattresses, Grand Rapids, Mich.
Grand Rapids Belting Co., leather belting, 1-3 Ionia av, Grand Rapids, Mich.
Grand Rapids Blow Pipe & Dust Arrester Co., Grand Rapids, Mich.
Grand Rapids Bookcase & Chair Co., Hastings, Mich.
Grand Rapids Brass Co., machsts. & fndrs., Grand Rapids, Mich.
Grand Rapids Brick Co., Grand Rapids, Wis.
Grand Rapids Brush Co., Grand Rapids, Mich.
Grand Rapids Calender Co., advtg. Spec., 572-576 Division av, S. Grand Rapids, Mich.
Grand Rapids Casket Co., Grand Rapids, Mich.
Grand Rapids Chair Co., music cabinets, Grand Rapids, Mich.
Grand Rapids Clock & Mantel Co., Grand Rapids, Mich.
Grand Rapids Consol. Brick & Tiling Co., Grand Rapids, Mich.
Grand Rapids Fancy Furniture Co., Grand Rapids, Mich.
Grand Rapids Fibre Furniture Co., Grand Rapids, Mich.
Grand Rapids Fire Proofing Co., Grand Rapids, Mich.
Grand Rapids Foundry Co., coal chutes, Grand Rapids, Mich.
Grand Rapids Furniture Record, trade publication, Grand Rapids, Mich.
Grand Rapids Gas Engine & Yacht Co., Grand Rapids, Mich.
Grand Rapids Glue Co., Grand Rapids, Mich.
Grand Rapids Grinding Mach. Co., 17 Ottawa av, N. W., Grand Rapids, Mich.
Grand Rapids Hardware Co., near P. M. R. R., Grand Rapids, Mich.
Grand Rapids Lbr. Co., Grand Rapids, Mich.
Grand Rapids Malleable Wks., fndrs., Grand Rapids, Mich.
Grand Rapids Milling Co., flour, Grand Rapids, Wis.
Grand Rapids Orna. Iron & Wire Wks., Grand Rapids, Mich.
Grand Rapids Panel Co., wood graining machs., Grand Rapids, Mich.
Grand Rapids Paper Box Co., Grand Rapids, Mich.
Grand Rapids Pearl Button Co., Grand Rapids, Mich.
Grand Rapids Piano Case Co. (Ltd.), Grand Rapids, Mich.
Grand Rapids Plaster Co., Grand Rapids, Mich.
Grand Rapids Refrigerator Co., Grand Rapids, Mich.
Grand Rapids Salvage Co., mill & facty. supplies, Grand Rapids, Mich.
Grand Rapids School of Equipment Co., Grand Rapids, Mich.
Grand Rapids Screen Co., Grand Rapids, Mich.
Grand Rapids Sheet Metal & Rfg. Co., cornices, Grand Rapids, Mch.
Grand Rapids Shingle Co., lbr. mfrs., Sedro Woolley, Wash.
Grand Rapids Show Case Co., show cases & fixtures, Ottawa av & Coldbrook, N. W., Grand Rapids, Mich.
Grand Rapids Sticky Fly Paper Co., Grand Rapids, Mich.
Grand Rapids Supply Co., mill & facty. supplies, Grand Rapids, Mich.
Grand Rapids Tex. Machy. Co., Grand Rapids, Mich.
Grand Rapids Trunk Co., Grand Rapids, Mich.

Grand Rapids Varnish Co., Grand Rapids, Mich.
Grand Rapids Veneer Works, Grand Rapids, Mich.
Grand Rapids Wood Finishing Co., Grand Rapids, Mich.
Grand River Canning Co., Markesan, Wis.
Grand Saline Salt Co., Grand Saline, Tex.
Grand Tool & Mch. Wks., Inc., jigs & fixtures, 161 Grand, New York.
Grand Union Grill Wks., 3422 W. Lake, Chicago, Ill.
Grande, Andrew, contractor, Virgiaia, Minn.
Grande Ronde Lbr. Co., Perry, Ore.
Grander Stove Co., Royersford, Pa.
Grandfather Falls Co., paper & pulp mills, Merrill, Wis.
Grandgent & Elwell, architects, 44 Bromfield, Boston, Mass.
Grandview Cotton Oil Mill, cottonseed meal, Grandview, Tex.
Grandy, John, bldg. contr., Duluth, Minn.
Grandy, N. G., & Co., fertilizer, Elizabeth City, N. C.
Graner-Mahoney Contrg. Co., Wainwright Bldg., St. Louis, Mo.
Grange Commercial Stores, fertilizer mfrs., Bridgeton, N. J.
Grange, Garrett S. de, architect architect, Frederick, Md.
Granger, A. D., Co., machy. dlrs., 15 Park row, New York.
Granger Brick & Tile Co., common, Granger, Wash.
Granger & Co., machsts. & fndrs., Louisville, Ky.
Granger Lime & Marble Co., West Stockbridge, Mass.
Granger, Merton E., architect, 474 S. Salina, Syracuse, N. Y.
Granger & Young, architects, 332 S. Michigan av, Chicago, Ill.
Grangers Lime Co., masons' & bldrs.' mtls., W. Stockbridge, Mass.
Granite Bituminous Paving Co., Railway Exchange Bldg., St. Louis, Mo.
Granite City Granite Co., St. Cloud, Minn.
Granite City Iron Works, St. Cloud, Minn.
Granite City Lime & Cement Co., Granite City, Ill.
Granite City Soap Co., Newburgh, N. Y.
Granite Clay Co., Akron, Ohio.
Granite Cordage Co., Granite Falls, N. C.
Granite Linen Co., linen towels, Wortendyke, N. J.
Granite Ry. Co., Quincy, Mass.
Granite State Mfg. Co., toys, games & novelties, Concord, N. H.
Granite State Mowing Machine Co., Hinsdale, N. H.
Granite State Spring Bed Co., Nashua, N. H.
Granite States Mica Co., 294 Washington, Boston, Mass.
Granitine Wall Plaster Co., Lebanon, Pa.
Granitville Mfg. Co., cotton sheetings, Augusta, Ga.
Grant, Alex., & Son, wholesale hdwe., Syracuse, N. Y.
Grant Bros., contractors, Attleboro, Mass.
Grant Bros. Construction Co., Los Angeles, Cal.
Grant Bros. Foundry Co., 697 Beaufait av, Detroit, Mich.
Grant Canning Co., Grant, Mich.
Grant, Chas. C., architect, 37 E. 28th, New York.
Grant, Chas. H., Granite Co., Brattleboro, Vt.
Grant, Chas. M., stone producers, Troy, N. Y.
Grant Contracting Co., 7 E. 42d, New York.
Grant & Crammer, contractors, Beach Haven, N. J.
Grant-Davis Lumber Co., Cabool, Mo.
Grant, Edw. E., architect, 397 Washington av, Newark, N. J.
Grant & Fanning, contractors, 49 Smith, Bridgeport, Conn.
Grant, Francis W., architect, Mehlhorn Bldg., Seattle, Wash.
Grant, G. J., Construction Co., Exchange Block Bldg., St. Paul, Minn.
Grant, G. M., Co., contractors, 865 Chapel, New Haven, Conn.
Grant Gear Works, mfrs. chains, gears & sprockets, 151 Pearl, Boston, Mass. *See adv index at end of book.*
Grant, Geo. J., Const., Co., Exchange Bank Bldg., St. Paul, Minn.
Grant, Geo. M., & Co., lbr. mer., 30 Church, New York.
Grant Gravel Co., Flatiron Bldg., San Francisco, Cal.
Grant, H. L., & Son, brick, Goldsboro, N. C.
Grant Iron Wks., Mahanoy City, Pa.
Grant, J. C., Chemical Co., E. St. Louis, Ill.
Grant, J. W., contractor, Bayonne, N. J.
Grant, John, Paving Co., Paxton blk., Omaha, Nebr.
Grant Iron & Steel, 233 Broadway, New York.
Grant, Jno., & Son, contractors, 4500 Euclid av, Cleveland, Ohio.
Grant-Lees Gear Co., auto. gear transmission, 2367 E. 69th, Cleveland, Ohio.
Grant Locomotive & Car Wks., Houston, Tex.
Grant Mfg. & Machine Co., riveting machine mfrs., Bridgeport, Conn.
Grant Marble Co., 27th & Canal, Milwaukee, Wis.
Grant, Michael F., & Co., machsts. & fndrs., 330 S. Clinton, Chicago, Ill.
Grant Motor Car Co., Findlay, Ohio.
Grant, P. S., machinist, St. Helena, Cal.
Grant Planing Mill, sash, door & blind mfrs., Kenosha, Wis.
Grant Portland Cement Co., Penna. Bldg., Philadelphia, Pa.
Grant Pulley & Hdwe. Co., 101 Park av, New York.
Grant, R. W., architect, Beatrice, Nebr.
Grant, Smith, Porter Ship Bldg. Co., Portland, Ore.
Grant, Thos., brick, Freeport, Ill.
Grant Timber & Mfg. Co., Taxarkana, Ark.
Grant Yarn Co., warps, Fitchburg, Mass.
Grants Pass Hardware Co., Grants Pass, Ore.
Grants Pass Iron & Steel Wks., Grants Pass, Ore.
Grantville Oil Mills, Grantville, Ga.
Grantwood Moulding & Trim. Co., sashes, doors & blinds, Grantwood, N. J.
Granular Metal Co., machsts. & fndrs., 77 Farnum, Boston, Mass.
Granum, Martin, architect, Montivideo, Minn.
Graphite Metallizing Corp., brushes, Yonkers, N. Y.
Graphoil Lubricating Co., 71 Clymer, Brooklyn, N. Y.
Graphoscope Co., projecters, searchlights, Washington, D. C.
Grasberger, B. A., & Co., paper dishes, 920 W. Moore, Richmond, Va.
Graspit Mfg. Co., belt dressing, 721 Wash'gton blvd, Chicago, Ill.
Grass Valley Hardware Co., Grass Valley, Cal.
Grasselli Chemical Co., chemicals & fertilizers, Guardian Bldg., Cleveland, Ohio.
Grasselli Powder Co., Guardian Bldg., Cleveland, Ohio.
Grasser Contracting Co., 912 Hennon, New Orleans, La.
Grasser Motor Co., Toledo, Ohio.
Grassler & Gezelschap, lighting fixtures, 214 3d, Milwaukee, Wis.
Graston, G. W., Milling Co., Dupont, Ind.
Grater-Bodey Co., lumber, Norristown, Pa.
Grater, Ursinus, architect, Norristown, Pa.
Gratke, G. E., architect, Strawberry Point, Ia.
Graton & Knight Mfg. Co., leather belting, straps, etc., Worcester, Mass., & 247 Mission, San Francisco, Cal. *See adv index at end of book.*
Grattan & Lattimer, contractors, ft. of Main, Buffalo, N. Y.
Grattan, T. F., Co., contractors, Cohoes, N. Y.
Gratz, Geo. E., Jr., archl. iron, 1143 DeKalb av, Brooklyn, N. Y.
Grau Bros., brooms, brushes, 1662 Central av, Cincinnati, Ohio.
Grau, H. E., Co., contractors, 1707 Sansom, Philadelphia, Pa.
Grau & Lehmann, silk fringes, 537 W. B'way, New York.
Grauer, A., & Co., contractors, 41 E. Columbia, Detroit, Mich.
Grauer, Albert, & Co., cornices, 318 Long av, N. W., Cleveland, Ohio.
Grauert, Emile W., architect, 36 E. 23d, New York.
Grauman, L., Fixture Co., bank railings, Denver, Colo.
Grave, R., Co., carriages, 732 Brannan, San Francisco, Cal.
Graveley, Frank P., & Co., architects, Board of Trade Office Bldg., New Orleans, La.
Gravely, B. F., & R. P., insulator, pins & brackets, etc., Martinsville, Va.
Gravely, W. A., contractor, Danville, Va.
Gravenhorst & Co., varnish gums, etc., 96 Wall, New York.
Graver, Geo. A., machsts. & fndrs., Youngs, Pa.
Graver, H. A., brick, Lehighton, Pa.
Graver, Wm., Tank Wks., East Chicago, Ind.
Graves, A. A., lumber, Loyal, Wis.
Graves, B. S., architects, Hammond, Ind.
Graves Bros., contractors, West Medford, Mass.
Graves Bros. Co., turpentine, Hosford, Fla.
Graves-Dawson Supply Co., fertilizer mfrs., Waverly, Ala.
Graves, E. M., contractor, Swetland Bldg., Cleveland, Ohio.
Graves, F. E., Construction Co., 2520 Nicollet av, Minneapolis, Minn.
Graves File Co., file mfrs., 67 N. J. R. R. av, Newark, N. J.
Graves, Frank B., Co., absorbent & waste cotton, Albany, N. Y.
Graves, Frank, Sash, Door & Mill Co., Los Angeles, Cal.
Graves, Geo. Wm., architect, Rowland Bldg., Detroit, Mich.
Graves, Harold S., architect, 57 Mt. Vernon, Boston, Mass.
Graves, Harry Prescott, architect, 18 Shattuck, Lowell, Mass.
Graves Heating Co., 162 N. Desplaines, Chicago, Ill.
Graves-Humphreys Hardware Co., Roanoke, Va.
Graves, L. C., & Co., carriages, Springboro, Pa.
Graves, L. L., machsts., Streator, Ill.
Graves Machin'y Exchange, 50 Church, New York.
Graves, Manbert Geo., & Co., lbr. packing box mfrs., Ft. Hertel av, Buffalo, N. Y.
Graves & Marschall Co., feed water heaters, etc., Dayton, Ohio.
Graves, N. Z., Corp., paint & varnish mfrs., 22 S. 3d, Philadelphia, Pa.
Graves, Robt., Co., wall paper mfrs., 169 Madison av, New York.
Graves Shale Paving Brick Co., Birmingham, Ala.
Graves-Smith Co., fertilizer manufacturers, Camp Hill, Ala.
Graves & Stamp, lumber, Des Arc, Mo.
Graves-Tatum Co., lbr. & turpentine mfrs., De Funiak Springs, Fla.
Gravois Mach. Shop Co., 712 N. 10th, St. Louis, Mo.
Gravois Planing Mill Co., Minnesota & Juniata, St., Louis, Mo.
Grawl, Milton S., architect, Harrison Bldg., Philadelphia, Pa.
Gray-Aldrich Co., mchsts. & fdrs., 33 Commercial Wharf Boston, Mass.
Gray, Arthur F., architect, Watertown, Mass.
Gray, Arthur F., mill engrs., 53 State, Boston, Mass.
Gray Bros., contractors, Rosemont, Pa.
Gray Bros., flour, Graysville, Ga.
Gray Bros., wholesale hdwe., Seattle, Wash.
Gray, C. L., Lbr. Co., Meridian, Miss.
Gray, Chas. M., Marble & Slate Co., 709 Vernon av, Long Island City, N. Y.
Gray & Co., elec. plating dynamos, 120 W. 3d, Cincinnati, Ohio.
Gray Construction Co., Orear Leslie Bldg., Kansas City, Mo.
Gray Constr. Co., Watertown, S. D.
Gray Court Oil & Fertz. Co., Gray Court, S. C.
Gray & Davis, lamps, Boston, Mass.
Gray & Dudley Hardware Co., Nashville, Tenn.
Gray, E. W., canned goods, Daysboro, Del.
Gray Eagle Marble Co., Knoxville, Tenn.
Gray, Edw., contractor, Ft. Orleans, Detroit, Mich.
Gray Elec. Co., electric light plants, Springfield, Ohio.
Gray, F. E., machst. & fndr., Middletown Springs, Vt.
Gray Fndry., Inc., castings, Poultney, Vt.

Gray, Frank B., architect, 10 S. La Salle, Chicago, Ill.
Gray, Frank E., architect, 86 Michigan, Milwaukee, Wis.
Gray, Fred E., machst., Middletown Springs, Vt.
Gray, G. A., Co., machine tools, Cincinnati, Ohio.
Gray, G. G., contractor, 51½ W. 3d, South, Salt Lake City, Utah.
Gray, Geo. H., architect, Sweet Springs, Monroe County, W. Va.
Gray, Geo. H., & Son, lumber, Entiat, Wash.
Gray Hardware Co., Coshocton, Ohio.
Gray, Hawley, Mfg. Co., hardware mfrs.—marine, 937 E. Jeff av, Detroit, Mich.
Gray Iron Casting Co., Springfield, Ohio.
Gray Iron Foundry Co., hardware mfrs., Reading, Pa.
Gray, J. A., Co., machsts., 18th & Bryant, San Francisco, Cal.
Gray, J. C., & Co., sash, door & blind mfrs., Lyondville, N. Y.
Gray, J. J., Jr., ferro-phosphorus, Rockdale, Tenn.
Gray, Joshua, & Sons, lbr., Gardiner, Me.
Gray Motor Co., engines, Oakland & McLean, Detroit, Mich.
Gray, Peter, & Sons, special stampings & railway sheet metal ware mfrs., 286 Third, East Cambridge, Mass.
Gray & Prior Mach Co., universal joints, gasoline, kerosene, marine engines, Hartford, Conn.
Gray, R. A., architect, Phoenix, Ariz.
Gray, Ralph W., architect, 19 Congress, Boston, Mass.
Gray, Richard H., architect, 1104 San Jacinto, Houston, Tex.
Gray-Robinson Constr. Co., Manitowoc, Wis.
Gray, S. & Co., cotton thread & twine, Walpole, Mass.
Gray, Sidney T., cornices, Lapeer, Mich.
Gray & Son, masons' & bldrs.' matls., Wooster, Ohio.
Gray & Son Glass Co., Falls Creek, Pa.
Gray Spec. Co., compounds, 148 Avon av, Newark, N. J.
Gray Summit White Sand Co., Boatmen's Bank Bldg., St. Louis, Mo.
Gray Telephone Pay Station Co., Hartford, Conn.
Gray Tractor Co., 30th av, S. E., & N. P. tracks, Marshall, Minneapolis, Minn.
Gray, W. I., & Co., heating contractors, 914 Mary pl, Minneapolis, Minn.
Gray, Wm. S., & Co., acetone, denatured & wood alcohol, 80 Maiden la, New York.
Gray, Wm., & Sons Co., granite producers, 30th bel. Walnut, Philadelphia, Pa.
Gray & Wischmeyer, architects, Starks Bldg, Louisville, Ky.
Grayling Dowel Co., dowel pins, Grayling, Mich.
Grayling Lumber Co., Detroit, Mich.
Grays Ferry Abattoir Co., meat packers, 36th & Gray's Ferry rd, Philadelphia, Pa.
Grays Harbor Commercial Co., lumber mfrs., ft. of 3d, San Francisco, Cal.
Grays Harbor Hardware Co., Aberdeen, Wash.
Grays Harbor Iron & Steel Co., mchsts & fdrs., Hoquiam, Wash.
Grays Harbor Logging Co., lumber, Aberdeen, Wash.
Grays Harbor Lumber Co., Hoquiam, Wash.
Grays Harbor Shingle Co., lumber, Aberdeen, Wash.
Gray's Harbor Shipbuilding Co., Aberdeen, Wash.
Grayson Fertz. Co., Leitchfield, Ky.
Grayson Home Mixture Co., Grayson, Ga.
Grayson-McLeod Lbr. Co., Wright Bldg., St. Louis, Mo.
Grayson, Owen, Co., meat packers, Oakland, Cal.
Grayson Tool & Mfg. Co., Charleston, W. Va.
Graysonia-Nashville Lumber Co., Nashville, Ark.
Grazier Bros., masons' & bldrs.' matls., Tyrone, Pa.
Grazier Elec. Sign Products Co., flashers, Johnstown, Pa.
Greacen & Co., monograms & hdwe. mfrs., 480 Washington, Newark, N. J.
Grear, P. L., contractor, Albion, N. Y.
Grearson & Lane Co., granite, Barre, Vt.
Greason Mfg. Co., mill & facty. supplies, 108 W. 99th, New York.
Greason, Tweed & Co., mill & facty. supplies, 109 Duane, New York.
Great Barrington Mfg. Co., Turkish towels, Great Barrington, Mass.
Great Eastern Clay Products Co., 175 5th av, New York.
Great Falls Iron Wks., Great Falls, Mont.
Great Falls Lumber Co., Great Falls, Mont.
Great Falls Mfg. Co., cotton sheetings, Somersworth, N. H.
Great Falls Meat Co., Great Falls, Mont.
Great Falls Chemical Co., boiler compounds, Appleton, Wis.
Great Lakes Boat Bldg. Corp., 333 Becher, Milwaukee, Wis.
Great Lakes Brass Fdry., castings, Bay City, Mich.
Great Lakes Chemical Wks., boiler compound, Appleton, Wis.
Great Lakes Dredge & Dock Co., 104 S. Mich. av, Chicago, Ill.
Great Lakes Elec. Mfg. Co., generators, 700 W. 22d, Chicago, Ill.
Great Lakes Engng. Wks., Detroit, Mich.
Great Lakes Mfg. Co., hdwe., North Chicago, Ill.
Great Lakes Refining Co., paints, Cleveland, Ohio.
Great Lakes Welding Co., 937 West, N. W., Cleveland, Ohio.
Great Northern Bridge Co., Lumber Exch., Minneapolis, Minn.
Great Northern Fuel & Construction Co., Fargo, N. D.
Great Northern Pail Co., Gillett, Wis.
Great Northern Paper Co., 30 E. 42d, New York.
Great Northern Sand & Stone Co., New Castle, Pa.
Great Northern Sewer Pipe Co., Empire, Ohio.
Great Southern Lumber Co., Bogalusa, La.
Great Western Brick Co., San Francisco, Cal.
Great Western Canning Co., Delphi, Ind.
Great Western Cutting & Welding Co., 884 Folsom, San Francisco, Cal.
Great Western Fixture Wks., 211 W. Schiller, Chicago, Ill.
Great Western Knitting Co., gloves, 110 Buffalo, Milwaukee, Wis.
Great Western Machinery Co., mill & factory supp., San Francisco, Cal.
Great Western Mfg. Co., agrlt. implts., mill & facty. supplies, etc., Leavenworth, Kans.
Great Western Mfg. Co., bicycles & motorcyles, Pa Porte, Ind.
Great Western Oil Co., 2846 E. 37th, Cleveland, Ohio.
Great Western Pottery Co., Kokomo, Ind.
Great Western Portland Cement Co., Kansas City, Mo.
Great Western Re-Fillable Fuse Co., 326 3d, Pittsburgh, Pa.
Great Western Smelting & Refining Co., 4100 Wallace, Chicago, Ill.
Great Western Stove Co., Leavenworth, Kans.
Great Western Stove Repair Co., 312 Hennepin av, Minneapolis, Minn.
Great Western Sugar Co., Denver, Colo.
Greater N. Y. Bedding Co., 39 East, New York.
Greater New York Brick Co., 103 Park av, New York.
Greater N. Y. Metal Box Co., 143 W. 19th, New York.
Greathouse, David B., brick, Lewisport, Ky.
Greaves-Klusman Tool Co., engine lathes, Cincinnati, Ohio.
Greaves Spec'ty Co., centrifugal pumps, 44 E. 23d, New York.
Greaves, Thos., sweaters, 5241 Wakefield, Gtn., Philadelphia, Pa.
Grebb, L., canned goods, Key Highway & Lawrence, Balto., Md.
Grebenzik, H., & Son, dyers' copper wks., N. Paterson, N. J.
Grecht, W. Co., canned goods, 1330 S. Sharp, Baltimore, Md.
Greco Canning Co., San Jose, Cal.
Greco, Charles R., architect, Guardian Bldg., Cleveland, Ohio.
Greece Constr. Co., Rochester, N. Y.
Grede, Geo., & Bro. Co., carriages, 248 Reed, Milwaukee, Wis.
Gredig, Albert E., architect, Knoxville, Tenn.
Greek-Am. Sponge Co., 300 W. Randolph, Chicago, Ill.
Greeley, Mellen Clark, archit., Baldwin Bldg., Jacksonville, Fla.
Greely Stone Co., St. Paul, Ind.
Green, A. H., Co., wood turner, 97 Warren, New York.
Green, A. P., Fire Brick Co., Mexico, Mo.
Green, Adolph, contractor, Green Bay, Wis.
Green, B. G., archl. iron, 213 Pacific, Brooklyn, N. Y.
Green, B. S., Co., horse collars, Bloomington, Ill.
Green & Bauer, X-ray app., Hartford, Conn.
Green Bay Barker Co., machsts. & fndrs., Green Bay, Wis.
Green Bay Brick Co., Green Bay, Wis.
Green Bay Canning Co., Green Bay, Wis.
Green Bay Carriage & Wagon Co., Green Bay, Wis.
Green Bay Cornice & Corrugating Co., Green Bay, Wis.
Green Bay Drive Calk Co., Green Bay, Wis.
Green Bay Foundry & Machine Co., Green Bay, Wis.
Green Bay Lumber Co., Des Moines, Ia.
Green Bay Machine Co., Green Bay, Wis.
Green Bay Paper & Fibre Co., Green Bay, Wis.
Green Bay Planing Mill Co., sash, door & blind, Green Bay, Wis.
Green Bay Soap Co., Green Bay, Wis.
Green Bay Trunk & Bag Co., Green Bay, Wis.
Green Bros., canned goods, Ball Ground, Ga.
Green Bros., lumber mfrs., Blockville, N. Y.
Green Bros., machsts. & fndrs., Lewisburg, Tenn.
Green Bros. Box & Lbr. Co., Rockford, Ill.
Green, C. A., Co., fndry. ladles, sand sifters, molders' flasks, Toledo, Ohio.
Green, C. E., & Son, brass & wire ferrules, 95 Passaic, Newark, N. J.
Green, Casper, & Son, flour mills, Morgan, Minn.
Green Const. Co., Valparaiso, Ind.
Green, Cyrus P., architect, Alva, Okla.
Green, D. D., cornices, 215 6th, Milwaukee, Wis.
Green, Daniel, Felt Shoe Co., Boston, Mass.
Green, E. E., architect, Northern Bk. Bldg., Seattle, Wash.
Green Elevator Co., freight elevators, 215 W. Front, Wilmington, Del.
Green Engineering Co., machsts. & fndrs., East Chicago, Ind.
Green Forest Canning Co., Green Forest, Ark.
Green Fdry. & Furnace Works, Des Moines, Ia.
Green, Fred C., granite producer, Freeport, Me.
Green Fuel Economizer Co., Beacon, N. Y.
Green, G. S., Co., hdwe., whol., 74 Warren, New York.
Green, Geo., Lbr., Co., 22d & S. Canal, Chicago, Ill.
Green, H. L., elec. fix. mfrs., Los Angeles, Cal.
Green, H. M., contractors, Kansas City, Mo.
Green-Haas-Schwartz Co., sweaters, cardigans, &c., Euclid av & E. 57th, Cleveland, Ohio.
Green Halter Co., Urbano, Ohio.
Green, Hy. J., barometers, gauges, recorders, thermometers, etc., 1191 Bedford av, Brooklyn, N. Y.
Green, Herbert H., architect, 155 N. Clark, Chicago, Ill.
Green, Herbert M., architect, Scarritt Bldg., Kansas City, Mo.
Green Hill Fire Brick Co., North East, Md.
Green Insulation Co., paper, Cleveland, Ohio.
Green, Isaac H., architect, Sagville, N. Y.
Green, J. A., & Sons, stone producers, Stone City, Ia.
Green, Jas. C., architect, 2 Columbus Circle, New York.
Green, Jas. E., architect, 1204 13th av, N. Birmingham, Ala.
Green (John C.) School of Science, Engng. Schools & Coll., Princeton, N. J.

Green, John, & Sons, machsts., Hoopeston, Ill.
Green, Jordan, architect, 27 Clinton, Newark, N. J.
GREEN, L, A., rails, machinery & equipment (new & used), 1st Nat. Bank Bldg., Pittsburgh, Pa.
Green, L. S., architect, 1818 F, Galveston, Tex.
Green, M. A., & Co., hot air furnaces, Bridgeport, Conn.
Green Machy. & Mfg. Co., Salt Lake City, Utah.
Green Mfg. Co., automobiles, Cobleskill, N. Y.
Green Mountain Pub. Co., Middlebury, Vt.
Green Mountain Lime Corp., Worcester, Mass.
Green Mt. Packing Co., canned goods, Portland, Me.
Green Mt. Slate Co., roofing slate, Poultney, Vt.
Green Piano Co., Louisville, Ky.
Green & Pierson, masons' & bldrs.' matls., Madison, N. J.
Green, R. H., contractor, Pocatello, Idaho.
Green & Reading, canned goods, Eden, Md.
Green, Richard T., Co., ship bldrs., Chelsea, Mass.
Green River Chair Co., Livermore, Ky.
Green River Woolen Mills, Phil, Ky.
Green, Robt. M., & Sons, soda water fountains, 1413 Vine, Philadelphia, Pa.
Green, Robt. S., masons' & bldrs.' matls. & twine mfrs., 3232 Fkd. av ext., Baltimore, Md.
Green, Sam'l M., Co., Inc., engineers, architects & contractors, Springfield, Mass.
Green & Sons Co., contractors, Orland, Chicago, Ill.
Green, Thos. L., & Co., bakers' machy., Indianapolis, Ind.
Green, W. E. E., architect, Luverne, Minn.
Green, W., Elec. Co., 81 Nassau, New York.
Green, Warren E., Co., contractors, 29 W. 38th, New York.
Green & Wicks, architects, 110 Franklin, Buffalo, N. Y.
Greenabaum Bros., canned goods, Seaford, Del.
Greenbaum & Hardy, architects, Scarritt Bldg., Kansas City, Mo.
Greenberg & Bartlett, contractors, 103 Park av., New York.
Greenberg & Burke, architects, Evans Bldg., Washington, D. C.
Greenberg, Chas. F., soap, Scranton, Pa.
Greenberg, Edward, wagons, Arlington Heights, Ill.
Greenberg Guarantee Roofing Co., cornices, 22 Catherine, New York.
Greenberg's, M., & Sons, castings, 225 Beale, San Francisco, Cal.
Greenbrier Distilling Co., Louisville, Ky.
Greenbrier Milling Co., flour, Alderson, W. Va.
Greencastle Cabinet Co., Greencastle, Ind.
Greencastle Fdry. & Mach. Co., Greencastle, Ind.
Greene Aeronautical Co., aeroplane stabilizers, Elyria, Ohio.
Greene Bros., htg. contrs., 417 Hanover, Boston, Mass.
Greene, Byron W., Jr., Co., bldg. matls., 309 av B, New York.
Greene, Charles Summer, architect, Pasadena, Cal.
Greene County Lbr. Co., Bexley, Miss.
Greene & Daniels Co., warps, thread, twine, Pawtucket, R. I.
Greene, Ernest, architect, 5 Beekman, New York.
Greene, F. J., Engineering Wks., Racine, Wis.
Greene, Henry M., architect, Pasadena, Cal.
Greene, J. E., architect, American Trust Bldg., Birmingham, Ala.
Greene, J. W., architect, Ravenna, Ohio.
Greene, M. J., machsts. & fndrs., Tallapoosa, Ga.
Greene Mineral Paste Co., metal polish, Keene, N. H.
Greene, Nelson (Est. of), machsts., Edmeston, N. Y.
Greene, Philip, contractors, Pawtucket, R. I.
Greene, Robinson, architect, Williamson Bldg., Cleveland, Ohio.
Greene & Sons, stone, 3403 Lowe av, Chicago, Ill.
Greene, Tweed & Co., hardware mfrs., 109 Duane, New York.
Greene, W. S., architect, 200 W. 7th, Los Angeles, Cal.
Greene & Wood, masons' & bldrs' matls., New Bedford, Mass.
Greeneville Packing Co., meat packers, Greeneville, Tenn.
Greenfield, Arthur, Inc., concrete steel const., 204 E. 26th, New York.
Greenfield Box Co., 21 Gold, New York.
Greenfield Constr. Co., Hornell, N. Y.
Greenfield Fruit Jar & Bottle Co., Muncie, Ind.
Greenfield, Geo. H., architect, 4037 Drexel blvd., Chicago, Ill.
Greenfield, Jas L., landscape architect, 1 B'way, New York.
Greenfield Machine Co., reamer and universal grinders, Greenfield, Mass.
Greenfield, Robt. A., architect, 33 W. 42d, New York; P. O. Bldg., Mount Vernon; 15 Court, White Plains, N. Y.
Greenfield Tap & Die Corp., screw cutting, tools, taps, dies, screw plates, reamers, gages & machine tool mfrs., Greenfield, Mass. *See adv index at end of book.*
Greenford Tile & Clay Co., brick, Greenford, Ohio.
Greengard, Bernhard C., architect, 175 W. Jackson blvd, Chicago, Ill.
Greenhalg Bros., cotton & Turkish towels, 2218 Martha, Philadelphia, Pa.
Greenhalgh, Geo. H., screw machine products, 228 Jelliff av, Newark, N. J.
Greenlaw, A., architect, Camden, Me.
Greenlaw Mfg. Co., flexible joints, 141 Milk, Boston, Mass.
Greenleaf, E. T., architect, Upland, Cal.
Greenleaf, Jno. C., architect, 15 W. 38th, New York.
Greenleaf, L. C., architect, 101 Tremont, Boston, Mass.
Greenleaf Stone Co., Green Bay, Wis.
Greenlee Bros. & Co., machsts. & fndrs., Rockford, Ill.
Greenlee Fndry. Co., 664 W. 12th, Chicago, Ill.
Greenlee Stone & Bldg. Co., Denver, Colo.
Greenley, Howard, architect, 101 Park av, New York.
Greenlie-Halliday Co., machsts., 499 Water, New York.
Greenlie, Wyatt & Co., nut mfrs., 499 Water, New York.
Greenman, Wm. B., contractor, 350 Fulton, Brooklyn, N. Y.
Greenmount Iron & Mfg. Co., fndrs., 889 Greenmount av, Baltimore, Md.
Greeno, C. C., ties, poles & posts, Burnside, Ky.
Greenpoint Brass Fdry., 38 Franklin, Brooklyn, N. Y.
Greenpoint Chemical Wks., 425 Greenpoint av, Brooklyn, N. Y.
Greenpoint Enameling Wks., 300 Greenpoint av, B'klyn, N. Y.
Greenpoint Fire Brick Co., 111 Clay, Brooklyn, N. Y.
Greenpoint Metallic Bed Co., 226 Franklin, Brooklyn, N. Y.
Greenport Basin & Const. Co., machsts., Greenport, N. Y.
Green's Car Wheel Mfg. Co., 3018 N. B'way, St. Louis, Mo.
Green's, Hannibal Son, & Co., whol. hdwe., Troy, N. Y.
Greensboro Cotton Oil Co., cottonseed meal, Greensboro, Ala.
Greensboro Fertilizer Co., Greensboro, Ga.
Greensboro Supply Co., mill & facty. supplies, Greensboro, N. C.
Greensburg Fdry. & Mach. Co., Jeannette, Pa.
Greensburg Glass Co., bottles, jars—milk, Greensburg, Pa.
Greensburg Limestone Co., Greensburg, Ind.
Greenslade, John, fudry, 172 Corcoran av, Milwaukee, Wis.
Greenspon's, Jos., Sons Iron & Steel Co., machy. dealers, B'way & Branch, St. Louis, Mo.
Greenstein, L., architect, Prudential Bldg., Buffalo, N. Y.
Greentown Canning, Ice & Mfg. Co., Greentown, Ind.
Greenup Milling Co., flour, Greenup, Ky.
Greenvill Gravel Co., Greenville, Ohio.
Greenville Cotton Oil & Mfg. Co., Greenville, Ga.
Greenville Implement Co., Greenville, Mich.
Greenville Iron Wks., aluminum, brass & grey iron castings, Greenville, S. C.
Greenville Mfg. Co., lamp cord adjusters, & tanks, Greenville, Pa.
Greenville Mill & Elevator Co., flour, Greenville, Tex.
Greenville Milling Co., flour, Greenville, Ky.
Greenville Silica Co., silica sand, Greenville, Pa.
Greenville Steel Car Co., underframes, Greenville, Pa.
Greenwald Display Fixture Co., window display fix., 234 5th av, New York.
Greenwald Packing Co., meat packers, Brunswick nr Wilkens av, Baltimore, Md.
Greenwald & Pollak, contractors, 30 E. 42d, New York.
Greenwell, N., Lumber Co., New Haven, Ky.
Greenwich Sash & Door Co., Greenwich, Conn.
Greenwood Advertising Co., electric illuminated signs, Knoxville, Tenn.
Greenwood Advtg. Co., elec. sign flashers, 1942 S. Main, Los Angeles, Cal.
Greenwood Associates, revolving chairs, Gardner, Mass.
Greenwood-Atkinson-Armstrong Co., employees' uniforms, flag mfrs., Detroit, Mich.
Greenwood China Co., Trenton, N. J.
Greenwood & Co., masons' & bldrs.' matls., Warren, Ohio.
Greenwood Constr. & Supply Co., 48 Terminal wy, Pittsburgh, Pa.
Greenwood Cotton Mills, sheetings, Greenwood, S. C.
Greenwood Fertz. Co., Greenwood, S. C.
Greenwood Mfg. Co., water closet bends, 540 Greenwood, Detroit, Mich.
Greenwood Pottery Co., Trenton, N. J.
Greenwood System, advtg. signs, Knoxville, Tenn.
Greer-Beatty Clay Co., Magnolia, Ohio.
Greer Chemical Co., emery grinders, 20 N. Jackson blvd, Chicago, Ill.
Greer Cotton Seed Oil & Fertz. Co., Greer, S. C.
Greer, Edwin K., masons' & bldrs.' matls., Wareham, Mass.
Greer Fertz. Co., Greer, S. C.
Greer, Fredric, screw mach. products, 525 W. Vanburen, Chicago, Ill.
Greer, J. L., lumber, Greer, Fla.
Greer & Laing, wholesale hdwe., Wheeling, W. Va.
Greer, Lloyd, architect, Valdosta, Ga.
Greer Lbr. Co., sash, door & blind mfrs., 247 Kimberly av, New Haven, Conn.
Greer Steel Co., cold rolled strip steel, Dover, Ohio.
Greever, J. A., wholesale hdwe., Tazewell, Va.
Gregerstsen Bros. Co., lumber, McCormick Bldg., Chicago, Ill.
Gregg Fertilizer Co., Doerun, Ga.
Gregg Hardware Co., 44 Cadillac sq, Detroit, Mich.
Gregg & Leisenring, architects, 1320 New York av, N. W., Washington, D. C.
Gregg & Pletcher, contractors, Zanesville, Ohio.
Gregg & Son, sashes, doors & blinds, Nashua, N. H.
Gregg Varnish Co., Grand & McKissock av, St. Louis, Mo.
Gregg, Wm. D. Rogers, Co., carriages, & auto. wood bodies, 1926 Arch, Philadelphia, Pa.
Gregorio, Nicholas, & Co., contractors, 860 E. 228th, New York.
Gregory Coke, Coal & Lime Co., Marshalltown, Ia.
Gregory, E. R., contractor, 60 W. Dedham, Boston, Mass.
Gregory, E. W., architect, Campau Bldg., Detroit, Mich.
Gregory Elec. Co., machsts., 1601 S. Lincoln, Chicago, Ill.
Gregory, Frank M., contractor, Zionsville, Ind.
Gregory Fruit Co., canned, Colton, Cal.
Gregory, Julius, architect, 30 E. 42d, New York.
Gregory, M., lbr., Marydell, Ky.
Gregory Rubber Co., Akron, Ohio.
Gregory & Sherman, masons' & bldrs.' matls., Nyack, N. Y.

Gregory, T. J., Handle Wks., Cookeville, Tenn.
Gregory Talc Blackboard & Crayon Co., Nashville, Tenn.
Gregory, Thos., Galvanizing Wks., 263 N. Henry, Brooklyn, N. Y.
Gregory, W. T., contractor, Norfolk, Va.
Gregoy, Wm., machinist, Los Angeles, Cal.
Greif Bros. Cooperage Co., 1937 Willey av, Cleveland, Ohio.
Greig, George, lumber, Arnaudville, La.
Greilick Mfg. Co., lbr., sash, door & blind mfrs., Traverse City, Mich.
Greilling Bros. Co., dock bldrs. & contr., Green Bay, Wis.
Grein, Geo., contractor, Youngstown, Ohio.
Greiner, Emil, Co., chemical app., etc., 55 Fulton, New York.
Greiner, Gottlieb, laboratory app., 81 John, New York.
Greiner, T., Bldg. & Cont. Co., contractors, Louisville, Ky.
Greisler, Fred N., architect, Lafayette Bldg., Phila., Pa.
Greist Mfg. Co., machsts., New Haven, Conn.
Greiwe, E., & Bro., cornices, 1128 B'way, Cincinnati, Ohio.
Grell, Jacob W., elec. light fix. mfrs., 812 Noble, Phila., Pa.
Grendel Mills, cotton sheetings, Greenwood, S. C.
Gresham Fruit Growers' Assn., canned, Gresham, Ore.
Gresham Mfg. Co., machinists, Griffin, Ga.
Gress Mfg. Co., lumber, Jacksonville, Fla.
Greth Machine Works, Reading, Pa.
Grether Fire Equip Co., flood light projectors, Dayton. Ohio.
Grettenberger Sons, machsts., Tidioute, Pa.
Grewe, John, Construction Co., Century Bldg., St. Louis, Mo.
Grey, Elmer, archt., Wright & Callender Bldg., Los Angeles, Cal.
Grey, Henry, architect, 1312 W. 38th pl, Los Angeles, Cal.
Grey, Howard E., architect, Poulsbo, Wash.
Grey Iron Casting Co., Mount Joy, Pa.
Gribben, J. Upton, architect, Col. Sav. & Tr. Bldg., Columbus, O.
Gribben Lbr. Co., 975 E. 7th, St. Paul, Minn.
Gribble Advtg. Co., advtg. nov., 78 Main, Galena, Ill.
Griebel, E. G., machsts. & fndrs., Woodstock, Ill.
Griebel, Geo. H., architect, 1974 B'way, New York.
Griebel Instrument Co., thermometers, Carbondale, Pa.
Grieble, G. A., architect, Park Bldg., Cleveland, Ohio.
Grieco, Chas. P., & Co., contractors, Lock Haven, Pa.
Grieme, H. C., Co. (Est. of), masons' & bldrs.' matls., Amsterdam, N. Y.
Grieme, Henry W., architect, Amsterdam, N. Y.
Grier Bros., Ltd., miners' lamps, 124 2d av, Pittsburgh, Pa.
Grier, F. A., & Sons, machsts., Salisbury, Md.
Brier, R. D., & Sons Co., Salisbury, Md.
Grier, Robt. D., mill & facty. supplies, Salisbury, Md.
Griesbaum, Wm. J., contractor, Pottsville, Pa.
Griesemer Graphite Co., Anniston, Ala.
Grieshaber, B., & Co., fountain pen mfrs., 118 N. State, Chicago, Ill.
Grieshaber, Carl F., architect, 4 E. 39th, New York.
Grieshaber, Wm., scrap iron, steel & rubber, Reading, Pa.
Griesser, Richard, brewery architect, 64 W. Randolph, Chicago, Ill.
Griesser, Wilhelm, architect, 2819 S. King's Highway blvd., St. Louis, Mo., & 120 B'way, New York.
Grieves, C. S., Paint Co., Amesbury, Mass.
Griffen, Benjamin, plate glass, 40 Vestry, New York.
Griffen, Geo. M., Lbr. Co., Oriel Bldg., St. Louis, Mo.
Griffin, A. J., architect, North Bend, Ore.
Griffin, A. M., architect, N. & C. Ry., Nashville, Tenn.
Griffin & Boehme, cornices, 350 W. University av, St. Paul, Minn.
Griffin Bros., contrs., Norfolk, Va.
Griffin Bros., school slates, Bangor, Pa.
Griffin Button Co., Shelton, Conn.
Griffin, C. N., Co., contractors, 3111 Carnegie av, S. E., Cleveland, Ohio.
Griffin, C. W., brooms, Chanute, Kans.
Griffin, Chas., mill engrs., 121 S. Walker, Lowell, Mass.
Griffin & Co., masons' & bldrs.' matls., Gloucester, Mass.
Griffin Construction Co., Atlanta, Ga.
Griffin, D. F., & Bros., contractors, Portland, Me.
Griffin Envelope Co., 25 Fremont, San Francisco, Cal.
Griffin, F. W., architect, Porterville, Cal.
Griffin Fndry. & Mfg. Co., Rome, Ga.
Griffin, G. W., Co., machsts. & fndrs., Franklin, N. H.
Griffin, Geo. B. & C. M., broom corn, Charleston, Ill.
Griffin, Geo. W., architect, Concord, N. H.
Griffin, H., & Bro., contractors, Nashville, Tenn.
Griffin, H. F., steel struct. wk., Mennen Annes, New Orleans, La.
Griffin, H. M., architect, Connersville, Ind.
Griffin Hardware Co., Rome, Ga.
Griffin, J. W., architect, Savings Bk. Bldg., Watertown, N. Y.
Griffin, John F., Co., contractors, 17 Milk, Boston, Mass.
Griffin, John J., & Co., machsts., 1513 Race, Philadelphia, Pa.
Griffin Lumber Co., Sandy Hill, N. Y.
Griffin, M. J., contractor, 169 Stanton av, Detroit, Mich.
Griffin Mfg. Co., cottonades & tickings, Griffin, Ga.
Griffin Mfg. Co., hardware mfrs., Erie, Pa.
Griffin Oil Co., Griffin, Ga.
Griffin, Percy, architect, 30 Church, New York.
Griffin Press Brick Co., Griffin, Ga.
Griffin Roofing Co., 506 W. 26th, New York.
Griffin & Satterwhite, wholesale hdwe., Roanoke, Ala.
Griffin & Skelley Co., canned goods, San Francisco, Cal.
Griffin Specialty Co., clamps, 506 W. 26th, New York.
Griffin Transfer Co., masons' & bldrs.' matls., Tacoma, Wash.
Griffin, W. C., Land Co., lumber, Brooklyn, Miss.
Griffin, Walter Burley, landscape architect, 104 S. Michigan av, Chicago, Ill.
Griffin Wheel Co., machsts. fndrs., 332 S. Michigan, Chicago, Ill.
Griffin & Wynkoop, architects, 30 Church, New York.
Griffith & Boyd Co., fertilizer mfrs., 9 S. Gay, Baltimore, Md.
Griffith Bros., Slate Co., roofing slate mfrs., Slatington, Pa.
Griffith, C. A., & Co., advtg. nov., Bellingham, Wash.
Griffith, C. H., cornices & skylights, Bernardsville, N. J.
Griffith Concrete & Constr. Co., 3513 Grand blvd, Ptg., Pa.
Griffith Cornice Wks., 2441 Indiana av, Chicago, Ill.
Griffith, David, granite producer, Penryn, Cal.
Griffith, E. R. & W. M., contractors, West Chester, Pa.
Griffith, F. Morrison, architect, 11511 St. Clair av, Cleveland, O.
Griffith & Fair, architects, 505-6 Bass Blk., Fort Wayne, Ind.
Griffith, Frank H., masons' & bldrs.' matls., Kingston, N. Y.
Griffith, G. V., & Son, wood handles, Muncie, Ind.
Griffith, Geo. D., & Co., lbr., 11 S. La Salle, Chicago, Ill.
Griffith, Geo. J., archl. iron, Johnstown, Pa.
Griffith, Geo. T., architect, Crawfordsville, Ind.
Griffith & Goodrich, architects, Mo. Am. Bldg., Fort Wayne, Ind.
Griffith Hdwe. Co., cornices, Girardville, Pa.
Griffith, Harry C., architect, Canby Bldg., Dayton, Ohio.
Griffith, Henry C., architect, Ludlow, Ky.
Griffith, Jas. E., contractor, Freeland, Pa.
Griffith, Jas., & Sons Co., contractors, Reading rd & E. 12th, Cincinnati, Ohio.
Griffith Lumber Co., Santa Ana, Cal.
Griffith Mfg. & Supply Co., machsts. & fndrs., Griffith, Ind.
Griffith, Robt. C., cooperage stock, Terre Haute, Ind.
Griffith, T. A., sashes, doors & blinds, Okla, Okla.
Griffith & Turner Co., fanning mills, 215 N. Paca, Baltimore, Md.
Griffith, W. F. & Bro., canned goods, Emmerton, Va.
Griffith, Webster, lumber, Ebensburg, Pa.
Griffith & Wedge Co., machsts. & fndrs., Zanesville, Ohio.
Griffith, Wm. J., roofing slate, Poultney, Vt.
Griffith, Wm. M., architect, Sapulpa, Okla.
Griffiths, A. J., & Son, boiler compounds, 3526 Gtn. av, Philadelphia, Pa.
Griffiths Charcoal Iron mills, Washington, Pa.
Griffiths & Co., masons' & bldrs.' matls., Dallas, Tex.
Griffiths, Harry, architect, 105 Church, New Haven, Conn.
Griffiths, Jas. A., boiler castings, brass castings, 1315 Buttonwood, Philadelphia, Pa.
Griffiths, John, & Son Co., contractors, 112 W. Adams, Chicago, Ill.
Griffiths, K. F., & Co., abrasives, cyanide, etc., 81 Fulton, New York.
Griffiths Machine Works, 22 Clementina, San Francisco, Cal.
Griffiths & Pierce, contractors, Utica, N. Y.
Griffoul, A., & Bros. Co., machsts. & fndrs, 280-286 Chestnut, Newark, N. J.
Grigg-Hanna Co., packing box mfrs., 1262 Michigan av, Detroit, Mich.
Griggs & Ball, masons' & bldrs.' matls., East Aurora, N. Y.
Griggs, D. B., & Sons, box shooks, Chicopee Falls, Mass.
Griggs, G. W., architect, San Bernardino, Cal.
Griggs, Ichabod N., & Son, masons' & bldrs.' matls., Holland, N. Y.
Griggs Packing Co., meat packers, Roanoke, Va.
Griggs, Wilfred E., architect, 111 W. Main, Waterbury, Conn.
Grigsby & Co., fertilizer mfrs., Bardstown, Ky.
Grimes Bros., feed, Lexington, N. C.
Grimes Canning & Preserving Co., Grimes, Ia.
Grimes, G. W., Co., well drilling machy., machsts. & fndrs., Bluffton, Ind.
Grimes & Harris, machsts. & fndrs., Leominster, Mass.
Grimes, J. O., turpentine distillers, Wilmington, N. C.
Grimes, Marshall R., architect, 39 E. 42d, New York.
Grimes Milling Co., flour, Salisbury, N. C.
Grimes, P. G., jigs, fixtures, gages & small tools, Milford, Conn.
Grimm, G. H., machst., Rutland, Vt.
Grimm Iron Works, architectural iron, etc., Cincinnati, Ohio.
Grimm, John A., masons' & bldrs, matls., Hartford, Wis.
Grimm, Max, masons' & bldrs.' matls., Troy, N. Y.
Grimm, Nicholas R., architect Bond Bldg. Washington D. C.
Grimm, Paul, scrap brass & rubber, 284 Front, New York.
Grimond, J. & A. D. (Ltd.), cordage & twine mfrs., 320 B'way, New York.
Grimshaw, Young & Co., fruit pickers, Lowell, Mass.
Grinberg Bros., stoves, 154 South, New York.
Grinden Art Metal Co., fire proof doors, mouldings, etc., 427 Marcy av, Brooklyn, N. Y.
Grindle, Alf., architect, Board of Trade Bldg., Indianapolis, Ind.
Grindol, W. H., & Sons, stone prod., Decatur, Ill.
Grinels, M. P., canned goods, Bushy, Va.
Gring, J. M., Co., masons' & bldrs.' matls., Reading Pa.
Grinnan, J. C., masons' & bldrs.' supplies, Arcade Bldg., Norfolk, Va.
Grinnell Canning Co., Grinnell, Ia.
Grinnell Clay Products Co., Grinnell, Iowa.
Grinnell Elec. Car Co., stor. battery trucks, 467 Wood av, Detroit, Mich.
Grinnell Electric & Heating Co., Grinnell, Ia.
Grinnell Washing Machine Co., Grinnell, Ia.
Grip Nut Co., McCormick Bldg., Chicago, Ill.

Grip-Tite Co., belt dressing, New Brunswick, N. J.
Grippin Mfg. Co., wood fillers, Newark, N. J.
Griscom-Russell Co., machinery mfrs., 92 West, New York.
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Grisham, C. S., & Co., flour mills, Newbern, Tenn.
Grismore-Hyman Co., cooperage stock, Memphis, Tenn.
Grissel, J. P., Cornice Co., Cedar Rapids, Ia.
Grissinger Machine Works, 904 Quarry, Philadelphia, Pa.
Griswold, Geo., architect, Middletown, Conn.
Griswold, Geo. M., Mach. Co., New Haven, Conn.
Griswold Mfg. Co., aluminum & iron cooking utensils & stoves, Erie, Pa.
Griswold Mfg. Co., machsts., Rock Island, Ill.
Griswold, Richmond & Glock Co., cornices & skylights, Meriden, Conn.
Griswold-Sohl Co., whol. hdwe., 79 N. Front, Columbus, Ohio.
Griswoldville Mfg. Co., crinoline, Griswoldville, Mass.
Groah, B. A., Constr. Co., 847 W. North, Pittsburgh, Pa.
Grob-Gamsby Hdwe. Co., Inc., whol. hdwe., 100 Maiden lane, New York.
Grobert, Henry, contractor, East Orange, N. J.
Groce, Charles E., meat packer, Circleville, Ohio.
Groch, Fred'k, Coal Co., masons' & bldrs.' matls., Sandusky, O.
Groch, Max, machst., 41 Av L, Newark, N. J.
Grodin Bros., scrap rubber, Cleveland, Ohio.
Groendyke, J. C., cordage & twine mfr., 8 S. Dearborn, Chicago, Ill.
Groening Bros., flour, Lehigh, Kans.
Groeninger, J. J., Co., cornices, Evansville, Ind.
Groeschel, Jacob, heating contr., 1513 Lloyd, Milwaukee, Wis.
Groezinger's, G., Sons, leather & belting mfrs., Lancaster, Pa.
Groff, Aaron, carriages, Oakbottom, Pa.
Groff, F. A., & Son, cow milking machines, St. Johnsville, N. Y.
Groff & Weaver, carriages, New Holland, Pa.
Grogan, Chas. P., canned goods, Los Angeles, Cal.
Grogan, H. F., & Co., paint & varnish mfrs., etc., 2113 E. Sergent, Philadelphia, Pa.
Groll, P. J., Constr. Co., 145 E. 53rd, New York.
Groman Bros. (Ltd.), brick, South Bethlehem, Pa.
Gromann, Hy F., yacht sails, 320 Pearl, New York.
Grona, A., mattresses, San Antonio, Tex.
Gronborg, C. C., cornices, West New York, N. J.
Grone, Louis H., contractor, Benvist Bldg., St. Louis, Mo.
Gronen & Cowan, lumber mfrs., Waterloo, Ia.
Gronenberg & Leuchtag, architects, 303 5th av, New York.
Groner & Rowell Co., lbr., Scholls, Ore.
Groomes, Thos. C., architect, Rockville, Md.
Grootenboer, R. H., architect, Castle Hall, Indianapolis, Ind.
Grosback, Wm., & Co., archl. iron, 37 Maspeth av, Brooklyn, N. Y.
Grosch, Ernest L., architect, Hazleton, Pa.
Groscup Co., heating contractors, St. Paul & 26th, Baltimore, Md.
Groseclose, J. C., flour mills, Crockett, Va.
Grosklaus, John, & Son, contractors, 299 Old Bergen rd, Jersey City, N. J.
Groskopf Bros., trunk mfrs., Grand Rapids, Mich.
Grosline, W., lumber mfrs., Millers Mills, N. Y.
Gross, A., & Co., candles, oils, etc., 90 West, New York.
Gross Bros., machsts. & fndrs., Eugene, Ore.
Gross Bros., sashes, doors & blinds, Homeworth, Ohio.
Gross Chandelier Co., 1107 Locust av, St. Louis, Mo.
Gross Co., agricultural implements, Carroll, Ia.
Gross, Conrad, carriages, Richmond, Va.
Gross Constr. Co., Oklahoma, Okla.
Gross, F. C., & Bros. Co., meat packers, Muskego av, Milwaukee, Wis.
Gross, F. H., cornices & skylights, Washington, Ind.
Gross-Feibel Co., machsts., Hillsboro, Ohio.
Gross, Fred B., & Son, brick, Orland, Me.
Gross, Fred E., & Son, Inc., contrs., Yonkers, N. Y.
Gross, G. V., & Co., essential oils, 30 Old Slip, New York.
Gross, Geo. M., cornices, 1445 S. State, Chicago, Ill.
Gross, Geo., pipe brackets, cast iron basins, Rockaway Beach, L. I.
Gross, H. E., & Co., mattresses, 823 Rebecca, Pittsburgh, Pa.
Gross & Herman, contractors, 529 W. 158th, New York.
Gross, J. H., & Co., turpentine, Lessie, Fla.
Gross & Kleinberger, architects, Bible House, New York.
Gross Mfg. Co., machsts. & brass fndrs., Hazelton, Pa.
Gross, Otto, oils, ore, plumbago, etc., 66 Beaver, New York.
Gross, Philip, Hdwe. Co., 218 3d, Milwaukee, Wis.
Gross Star Gas Iron Co., 336 Van Buren, Chicago, Ill.
Gross, W. H., marble producers, Lee, Mass.
Grossberg, H. T., & Co., mattresses, 4658 B'way, Chicago, Ill.
Grosscup & Sons, contractors, Bridgeton, N. J.
Grosse, R. E., masons' & bldrs.' matls., Mason, Tex.
Grosser Knitting Mach. Co., 260 W. B'way, New York.
Grossius, Jno., Furnace Co., machsts. & fndrs., 318 E. 8th, Cincinnati, Ohio.
Grosskopf, Fred A., lumber, Pella, Wis.
Grossman Bros. & Rosenbaum, elevators, vault lights, archl. iron, Willow av & 133d, New York.
Grossman, Emil, Mfg. Co., spark plugs, 167 41st, B'klyn, N. Y.
Grossman, G. J., stone producers, Meriden, Conn.
Grossman & Hooe Saddlery Co., 221 Main, Cincinnati, Ohio.
Grossman, M., scrap iron, 560 Maxwell, Chicago, Ill.
Grossman, W., & Son, fertilizer mfrs., Petersburg, Va.
Grosso, Flavio B., architect, 126 Market, Paterson, N. J
Grosswiller, Jos. F., Co., plumbers' supplies, 430 Huron, Toledo, Ohio.
Grosvenor-Dale Co., cotton sheetings, Grosvenor Bldg., Providence, R. I.
Grotbe, Wm. H., brick, York, Pa.
Grote, F., & Hubbell Co., mirrors, monograms, buttons, etc., 82 4th av, New York.
Grote, F., Mfg. Co., machsts. & fndrs., Evansville, Ind.
Grote, Geo. W., & Co., cement, paints, putty, etc., 430 E. 102d, New York.
Grote, Hy. C., architect, 5899 Delmar av, St. Louis, Mo.
Grote Mfg. Co., freight elev., Evansville, Ind.
Grotenrath, Fred, machy. dlr., 103 W. Water, Milwaukee, Wis.
Groth, Adam, & Co., stone prod., Joliet, Ill.
Groth, J. F., & Son, lime, Cedarburg, Wis.
Grothe, John J., snow plows, Woburn, Mass.
Grotnes, Chas., machst., 128 N. Jefferson, Chicago, Ill.
Groton Bridge Co., steel truct. wk., Groton, N. Y.
Groton Iron Wks., shipbldrs., Noank, Conn.
Groton Leatherboard Co., 16 State, Boston, Mass.
Grotz, Chas. J., architect, 58 W. Washington, Chicago, Ill.
Grovania Cotton Oil Co., Grovania, Ga.
Grove City Brass & Bronze Co., Grove City, Pa.
Grove City College Dept. of Mech. & C. E. Engng. School & Coll., Grove City, Pa.
Grove City Limestone Co., Grove City, Pa.
Grove Feed & Storage Co., flour mills, Elkins, W. Va.
Grove, Geo. H., architect, 213 Walnut, Harrisburg, Pa.
Grove, Isaac, machst., Rheems, Pa.
Grove Linseed Oil Co., Del. av & Bigler, Philadelphia, Pa.
Grove, M. J., Lime Co., Lime Kiln, Md.
Grove, O. S., architect, 2911 Telegraph av, Berkeley, Cal.
Grove-Wharton Constr. Co., New Omaha Nat. Bk. Bldg., Omaha, Nebr.
Groveland Mills, woolen flannels, South Groveland, Mass.
Grover, C. L., architect, Willmar, Minn.
Grover File Co., file makers & moving truck mfrs., Nashua, N. H.
Grover, John D., & Son, cattle, plastering & curled hair, Somerset & Tulip, Philadelphia, Pa.
Grover, R. A., handles, dowels, skewers, etc., Andover, Me.
Groves, Albert B., architect, 314 N. 4th, St. Louis, Mo.
Groves, Eugene G., architect, A. C. Foster Bldg., Denver, Colo.
Groves, L. M., contractor, 7 Rockwood av, Worcester, Mass.
Grow, F. J., lumber, Napoleon, Ind.
Growall, J. P., sash, door & blind, Rockwood, Pa.
Growers' Canning Co., Council Bluffs, Iowa.
Grozier, Jas. H., Co., contractors, Hartford, Conn.
Grubb, Geo. W., sashes, doors & blinds, Greencastle, Ind.
Grubb & Kosegarten Bros., fndrs., Nassau, N. Y.
Grube, Adam, & Son, brick, Springfield, Ohio.
Grube Bros., brick, Springfield, Ohio.
Grube, E. A., contractor, Youngstown, Ohio.
Grube, H. L., lumber whol., Baltimore & South, Baltimore, Md.
Grube, Martin, gin distillers, Huntingdon, Pa.
Grube-Meyering Trunk Co., Fulton & Peoria, Chicago, Ill.
Gruber & Co., masons' & bldrs.' matls., St. Cloud, Minn.
Gruber & Doss, masons' & bldrs.' matls. & architects, Shelbyville, Ky.
Gruber, E. Wm., brick, Ord, Neb.
Gruber, Rupert & Co., cornices, 541 Sherman, Buffalo, N. Y.
Grueby Faience & Tile Co., art & decorative tile, 560 1st, S. Boston, Mass.
Gruen, D., Sons & Co., watch case mfrs., McMillan & Iowa, Cincinnati, Ohio.
Gruen, Wm. H., architect, Chemical Bldg., St. Louis, Mo.
Gruendel, Geo., Mach. Wks., 440 N. Peoria, Chicago, Ill.
Gruendler, A. H., cornices, 1018 Cass av, St. Louis, Mo.
Gruendler Patent Crusher & Pulverizer Co., corn mills, 928 Main, St. Louis, Mo.
Gruenebaum, L., scrap brass, 418 E. 7th, Cincinnati, Ohio.
Gruhl Sash & Door Co., 195 Stewart, Milwaukee, Wis.
Gruhler, Wm. J., Co., contractors, 219 E. High av, Phila., Pa.
Gruman Ice Tool Wks., machsts, plows, Branchville, Conn.
Grumb Bros., stone, Lowell, Mass.
Grund-Graham Co., contrs., Freeport, Ill.
Grundfor, M., architect, Pocatello, Idaho.
Grundford, J. A., architect, Brooks Arcade, Salt Lake City, Utah.
Grundy Brass Wks., floor plates, Boston, Mass.
Grundy, J. E., & Co., machsts. & fndrs., 82 Sudbury, Boston, Mass.
Gruner, Phillip, & Bro. Lbr. Co., 4006 N. B'way, St. Louis, Mo.
Grunert, James E., architect, 2409 Rich. rd, New Dorp, N. Y.
Gruninger, F. H., architect, Warren, Pa.
Grupe Drier & Boiler Co., drying apparatus, 317 E. 2nd, Davenport, Iowa.
Grupe, John P., boilers, Davenport, Ia.
Grupelli, Eney, contractor, Morristown, N. J.
Grupp, Edw., & Son, contractors, 205 Riley, Buffalo, N. Y.
Grush, Chas. E., architect, Beverly, Mass.
Grussing, Geo. H., architect, 154 W. Randolph, Chicago, Ill.
Grymes Engineering Co., drydocks & shipyards, Morris, Jersey City, N. J.

Guadulpe River Navigation Co., sand & gravel dlrs., Victoria, Tex.
Guantanamo Sugar Co., 129 Front, New York.
Guarantee Ash Can Co., 203 E. 101st, New York.
Guarantee Co. of N. Am., indemnity bond insurance, 111 B'way, New York.
Guarantee Construction Co., 140 Cedar, New York.
Guarantee Elec. Co., 430 S. Green, Chicago, Ill.
Guarantee Liquid Measure Co., air tire pumps, 719 Farmers Bank Bldg., Pittsburgh, Pa.
Guarantee Mach. Co., drilling machs., Grand Rapids, Mich.
Guarantee Roofing Co., 61 E. 4th, New York.
Guarantee Sheet Metal Wks., 439 E. 23d, New York.
Guarantee Spec. & Nov. Co., advtg., Rochester, N. Y.
Guarantee Tire & Rubber Co., spark plugs, Indianapolis, Ind.
Guaranteed Appliance Co., radiator valves, 14 E. Jackson blvd, Chicago, Ill.
Guaranty Iron & Wire Co., firedoors & iron stairs, 2847 W. Lake, Chicago, Ill.
Guard, Roy, architect, Norwich, N. Y.
Guard, Shirley R., architect, 8 W. 40th, New York.
Guardian Gas Appliance Co., gas furnaces & garbage incinerators, 3409 Superior, Cleveland, Ohio.
Guarino Contracting Co., Inc., Mt. Vernon, N. Y.
Gubbins, Wm. F., architect, 155 N. Clark, Chicago, Ill.
Gubser Bros., contractors, Newport, Ky.
Guckenheimer, A., & Bros. Co., 125 1st av, Pittsburgh, Pa.
Gude & Co., contractors, Atlanta, Ga.
Gude, O. J., & Co., advtg. signs, 220 W. 42nd, New York.
Gudeman & Co., decorative elec. lighting, 19 W. 36th, New York.
Guenscht, L., buttons, 182 Centre, New York.
Guentert, E., architect, 5707 Brilliante av, St. Louis, Mo.
Guenther, C. H., & Son, flour mills, San Antonio, Texas.
Guenther, Fred W., contractor, Burlington, Ia.
Guenther Hardware Co., Owensboro, Ky.
Guenzel, Louis, architect, 111 W. Washington, Chicago, Ill.
Guerber Engng. Co., steel structl. wk. & coal breaker bldgs., Bethlehem, Pa.
Guerdan, F., & Son, iron, 829 S. 7th, St. Louis, Mo.
Guerin, P. E., Inc., hdwe., machsts., 21 Jane, New York.
Guernsey Earthenware Co., crucibles, Cambridge, Ohio.
Guernsey, R. T., contractor, 253 S. Quince, Philadelphia, Pa.
Guerriere, Daniel A., architect, 647 Main, Hartford, Conn.
Guertin, J. Noel, architect & genl. contr., Manchester, N. H.
Guest & Co., wholesale hdwe., New London, Conn.
Guest, Geo., Son, fndrs., 4423 Ludlow, Philadelphia, Pa.
Guffey, J. M., Petroleum Co., lubrg. oils, Pittsburgh, Pa.
Gugert, Francis A., architect, Wayne, Pa.
Guggenheim Bros., meat packers, 46th & Packers av, Chicago, Ill.
Gugler Lithographic Co., maps, Milwaukee, Wis.
Guiatino Bros., bldg. contrs., Portland, Ore.
Guide Motor Lamp Co., W. 114th, Madison, Cleveland, Ohio.
Guidone, A. L., & Son, contractors, 52 Vanderbilt av, New York.
Guie, Jas., & Sons, paper & pulp mills, Downingtown, Pa.
Guignon, E. E., cornices, Corry, Pa.
Guignon, H. A., cornices, Corry, Pa.
Guilbert & Betelle, architects, 665 Broad, Newark, N. J.
Guilbert & Funston, architects, Robinson Bldg., Racine, Wis.
Guild & Co., contractors, Chattanooga, Tenn.
Guild & Garrison, pump mfrs., 463 Kent av, Brooklyn, N. Y.
Guilderland Fdry. Co., Guilderland, N. Y.
Guile & Windnagle, grape baskets, Penn Yan, N. Y.
Guiler Engng. Co., cane sugar mchy., Framingham, Mass.
Guilford Lbr. Mfg. Co., Greensboro, N. C.
Guilford Mfg. Co., woodenware & novelties, Guilford, Me.
Guilford & Waltersville Granite Co., Law Bldg., Baltimore, Md.
Guilfoy Cornice Works, 209 8th, San Francisco, Cal.
Guillott Metal Gasket & Supply Co., 24 S. Clinton, Chicago, Ill.
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Guinotte, K., architect, Midland Bldg., Kansas City, Mo.
Guiou & Ledwich, masons' & bldrs.' matls., Omaha, Nebr.
Guiterman, Rosenfield & Co., platinum, iridium, sheet alum., 35 S. William, New York.
Gulbransen-Dickinson Co., pianos, 36 S. State, Chicago, Ill.
Guldaman & Son, tubular boilers, Wichita, Kans.
Guldberg, Chris A., architect, 198 President, Brooklyn, N. Y.
Gulf Arm & Creosoting Co., Hattiesburg, Miss.
Gulf Bag Co., 330 Notre Dame, New Orleans, La.
Gulf Boiler Works, Tampa, Fla.
Gulf Chemical Co., Marianna, Fla.
Gulf City Boiler Wks. Co., Mobile, Ala.
Gulf Coast Brick & Tile Co., Brownsville, Tex.
Gulf Cooperage Co., oil barrels, Frick Annex, Pittsburgh, Pa.
Gulf Fertilizer Co., Tampa, Fla.
Gulf Galvanized & Metal Works, cornices & skylights, 2845 Magazine, New Orleans, La.
Gulf Guano Co., Bainbridge, Ga.
Gulf Iron Works, Tampa, Fla.
Gulf Mach. Wks., Pensacola, Fla.
Gulf Packing Co., canned goods, Biloxi, Miss.
Gulf Paving Co., contrs., Chattanooga, Tenn.
Gulf Pine Co., turpentine, Odessa, Fla.
Gulf Pipe Line Co., Frick Bldg. Annex, Pittsburgh, Pa.
Gulf Red Cedar Co., lumber mfrs., Richmond, Va.
Gulf Refining Co., petroleum products, Frick Bldg. Annex, Pittsburgh, Pa.
Gulf States Belting & Hose Co., Shreveport, La.
Gulf States Steel Co., Birmingham, Ala.
Gulfport Creosoting Co., Gulfport, Miss.
Gulfport Fertz. Co., Gulfport, Miss.
Gulick-Henderson Co., chemists, 21 Park Row, New York.
Gulick-Henderson Co., metallurgical engrs., 145 W. 36th, Pittsburgh, Pa.
Gulickson, Geo., grate bar mfrs., 330 Milwaukee av, Chicago, Ill.
Gullberg & Smith, book gathering machs., 187 Lafayette, New York.
Gullett Gin Co., Amite City, La.
Gullett, John D., architect, Chamber of Com. Bldg., Birmingham, Ala.
Gulliver, John W., bldg. contr., Portland, Me.
Gumbinsky Bros. Co., cotton waste & wiping rags, 2261 S. Union av, Chicago, Ill.
Gumbinsky, Oscar & Bros., scrap iron & rubber, Kalamazoo, Mich.
Gumm Aluminum Castings Co., Manitowoc, Wis.
Gummell, Edw. G., contractor, 36 P, N. W., Washington, D. C.
Gummey, McFarland & Co., tin plate, 147 N. 10th, Phila., Pa.
Gump, B. F., Co., flour mill machy., mill & facty. supplies & machsts., 431 S. Clinton, Chicago, Ill.
Gump, Chas. A., mill & facty. supplies, Dayton, Ohio.
Gumz, Gutknecht & Wussow, bldg. contrs., M. & N. Bk. Bldg., Milwaukee, Wis.
Gumz, Herman, Boiler Wks., 7 Greenwood Lake R. R.. av, Newark, N. J.
Gumz, R., & Co., meat packers, Muskego av, Milwaukee, Wis.
Gunby, L. W., Co., mill & facty. supplies & cornices, Salisbury, Md.
Gunckel, Frank, contractor, Germantown, Ohio.
Gund Mfg. Co., guy anchors, adjusters, etc., E. R., La Crosse, Wis.
Gund Mfg. Co., mechanical toys, 440 W. 42d, New York.
Gunderman, Geo. J., contractors, South Bend, Ind.
Gunderson Milling Co., flour, Kenyon, Minn.
Gundlach, Chas., cornices, Sandusky, Ohio.
Gundlach, H., contractor, Houghton, Mich.
Gundlach-Manhattan Optical Co., Rochester, N. Y.
Gundling, B. V., Co., sash, door & blind, West New York, N. J.
Gunkel, Otto F., cornices, Ft. Wayne, Ind.
Gunlach, P. M., Sons, agricultural implements, Belleville, Ill.
Gunlocke, W. H., Chair Co., Wayland, N. Y.
Gunn, E. G., lumber mfrs., 2211 E. Main, Richmond, Va.
Gunn, Frederick C., architect, Republic Bldg., Kansas City, Mo.
Gunn Furniture Co., Grand Rapids, Mich.
Gunn, W. S., & Co., fndrs., 1312 W. Marshall, Richmond, Va.
Gunnell Manitowoc Shipbldg. Co., Manitowoc, Wis.
Gunning, D., architect, 1664 W. 24th, Los Angeles, Cal.
Gunpowder Paper Mill, White Hall, Md.
Gunset, Louis E., htg. contr., 2259 Ryer av, New York.
Gunster Bros., plumbers' & steamfitters' supplies & wholesale hdwe., Scranton, Pa.
Gunther Bros., common brick, Port Washington, Wis.
Gunther, F. W., Co., canned goods, Racine, Wis.
Gunther Hardware Co., 505 Hampshire, Quincy, Ill.
Gunzelman & Cramer, contrs., Somerville, N. J.
Gurd, John A., architect, 281 5th av, New York.
Gurda, Leon M., architect, 478 Mitchell, Milwaukee, Wis.
Gurley, A. L., & Co., corn brooms, Clavis, N. M.
Gurley, W. & L. E., architects & engineers & instruments & supplies, Troy, N. Y.
Gurney, Ansel S., & Co., masons' & bldrs.' matls., Wareham, Mass.
Gurney Ball Bearing Co., Jamestown, N. Y.
Gurney, D. B., tacks, Whitman, Mass.
Gurney Elec. Elev. Co., Honesdale, Pa.
Gurney Elevator Co., 62 W. 45th, New York.
Gurney Heater Mfg. Co. of Boston, steamfitters' supps., E. 42nd, New York, and Franklin & Pearl, Boston, Mass.
Gurney Refrigerator Co., Fond Du Lac, Wis.
Gurney, Wm. H., htg. contrs., Paterson, N. J.
Guss, E. M., & Sons, wholesale hdwe., Mifflin, Pa.
Guss, Walter G., architect, 2804 14th, N. W., Washington, D. C.
Gussaroff Realty & Constr. Co., 601 W. 149th, New York.
Gussman Key Cutting Mach. Co., 1 Madison av, New York.
Gust, G. W., rural mail boxes, Morenci, Mich.
Gustafson, J. H., leaded glass, Rochester, N. Y.
Gustafson Mfg. Co., car brasses, machsts. & fndrs., Chattanooga, Tenn.
Gustafson & Scott Mfg. Co., saw clamps, 4325 Wabansia av, Chicago, Ill.
Gustave Linseed Co., pump oilers, Chicago, Ill.
Gustaveson, P., machsts., Chehalis, Wash.
Gustin-Bacon Mfg. Co., mill & facty. supplies, fuel oil burners, machy., etc., 1604 Grand, Kansas City, Mo.
Gustin, N., & Son, machsts., Johnstown, N. Y.
Gutfleish, A. A., htg. contrs., Lancaster, Pa.
Guth, Alex. C., architect, 425 E. Water, Milwaukee, Wis.
Guth, J. P., architect, Paxton Bldg., Omaha, Nebr.
Guth Mfg. Co., curtain poles & stretchers, 116 E. 24th, New York.
Gutherless, J. E., common brick, Leavenworth, Wash.
Gutherman, J. J., masons' & bldrs.' matls., 32 Chester, Brooklyn, N. Y.

Guthrie, A., & Co., bldg. contrs., 336 Jackson, St. Paul, Minn.
Guthrie, B. B., lumber, Carbon Hill, Ala.
Guthrie Bros., red rfg. slate, West Pawlet, Vt.
Guthrie Iron Wks., machsts. & fndrs., Guthrie, Okla.
Guthrie, Jones & Co., carriages, Wilmington, Del.
Guthrie, Keith O., contrs., Schenectady, N. Y.
Guthrie Mill & Elevator Co., Guthrie, Okla.
Guthrie-Thompson Co., contractors, Lemcke Bldg., Indianapolis, Ind.
Guthrie, Wm. A., lumber, Indianapolis, Ind.
Guthy, Peter, contractor, 926 B'way, Brooklyn, N. Y.
Gutleben Bros., contractors, New Call Bldg., San Francisco, Cal.
Gutlius, Jno., & Son, carriages, Mifflinburg, Pa.
Gutmann, Ferdinand, Co., bottle sealing machs., 134 W. 29th, New York.
Gutradt, Jos., Co., soap, San Francisco, Cal.
Gutschmidt, W. H., cornices, West Hoboken, N. J.
Gutta Percha & Rubber Mfg. Co., rubber goods mfrs., 126 Duane, New York.
Guttenberg Canning Co., Guttenberg, Ia.
Guttenberg, S. A., architect, Proctor Bldg., Mount Vernon, N. Y.
Guttermann, Paul H., & Co., contractors, 1536 N. Gay, Baltimore, Md.
Gutterson & Gould, scrap iron, Lawrence, Mass.
Gutterson, Harry H., architect, 278 Post, San Francisco, Cal.
Guy & McClintock Co., contrs., Oak Park, Ill.
Guyan Mach. Shops., engines, boilers, etc., Logan, W. Va.
Guyton & Cumfer Mfg. Co., roofing machs., 4451 Fillmore, Chicago, Ill.
G. V. Sales Co., polishing cloths, 132 Nassau, New York.
Gwathmey Engineering Co., Norfolk, Va.
Gwathmey Mfg. Co., Inc., machsts. & fndrs., Harrisonville, Mo.
G. & W. Electric Specialty Co., junction boxes, switches, etc., 7440 So. Chicago av, Chicago, Ill.
Gwilliam Co., ball and roller bearings, 225 W. 58th, New York.
See adv index at end of book.
Gwinn Bros. & Co., flour mills, Huntington, W. Va.
Gwizdowski, J. J., architect, 901 Russell, Detroit, Mich.
Gwynn-Bacon Vulcanizer Co., 3213 Locust, St. Louis, Mo.
Gwynn, Jas., Burner & Engineering Co., Empire Bldg., Pittsburgh, Pa.
Gwynn Island Fish & Oyster Co., canned, Grimstead, Va.
Gyllenberg, J. A., mach. & fndr., Baker, Ore.
Gypsite Fireproofing Co., tile ceilings, 4th & Holden, Detroit, Mich.
Gypsum Canning Co., Port Clinton, Ohio.
Gypsum Fireproofing Co., 205 W. Monroe, Chicago, Ill.
Gypsum Products Co., 14 E. Jackson, Chicago, Ill.
Gyro Metal Works, machinists, Norfolk, Va.
Gyro Motor Co., 744 Girard, N. W., Washington, D. C.

Haack, Louis, gas fixtures, 619 10th av, New York.
Haag Bros. Co., clothes washing machs., Peoria, Ill.
Haag, Jacob, contractor, Mount Vernon, N. Y.
Haag, Jos., Roofing & Cornice Co., 29 W. 3d, St. Paul, Minn.
Haagen, Paul T., architect, 139 N. Clark, Chicago, Ill.
Haag's Cutting Die Wks., glove machy., Gloversville, N. Y.
Haak, Wm. A., contractor, Flushing, N. Y.
Haaker, W., Co., canned goods, 182 Franklin, New York.
Haarmann, G., & Co., steel structural wk., Holyoke, Mass.
Haartz, J. C. (Inc.), artificial leather, 136 Federal, Boston, Mass.
Haas Bros., quicksilver, 61 B'way, New York.
Haas, Chas. C., contractor, Jamestown, N. Y.
Haas, Chas., Sheet Metal Wks., cornices, Omaha, Neb.
Haas, G. M., ornamental iron, Union Hill, N. J.
Haas, Geo. J., architect, Kresge Bldg., Detroit, Mich.
Haas, Harvey B., machst. & fndr., East Greenville, Pa.
Haas, Herman, Hdwe. & Imp. Co., whol. hdwe., Weiser, Idaho.
Haas & Hohmann, cornices & skylights, Kaukauna, Wis.
Haas, Morris, cornices & skylights, 1817 Mary, Pittsburgh, Pa.
Haas, Philip, Co., water closets, Dayton, Ohio.
Haas, R., Elec. & Mfg. Co., transformers, Springfield, Ill.
Haas, R. Julius, Sons, 436 E. 67th, New York.
Haas, W. D., & Co., masons' & bldrs.' matls., Bunkie, La.
Haase-Bohle Carriage Co., 3958 Laclede av, St. Louis, Mo.
Haase, Conrad, mattresses, Evansville, Ind.
Haase, Edwin C., architect, 558 E. North, Buffalo, N. Y.
Haase Mach. Wks., milling mach. attachmts. Minneapolis, Minn.
Haase Motor Wks., machsts., Milwaukee, Wis.
Haas's, Julius, Sons', contractors, 436 E. 67th, New York.
Habenicht & Howlett, plate glass, 525 Clay, San Francisco, Cal.
Haber, C. A., architect, Monadnock Bldg., San Francisco, Cal.
Haberer & Co., carriage & wagon bodies & seats, Gest & Summer, Cincinnati, Ohio.
Haberer, Felix H., architect, 1510 High, Utica, N. Y.
Haberhorn, J. H. A., Co., contractors, 384 14th av, Detroit, Mich.
Haberkamp, Wm., Mach. Wks., 442 Wells, Chicago, Ill.
Haberkorn, C. H., & Co., tea wagons, B'klyn & Eighth, Detroit, Mich.
Haberle, J. B., machinist, South Bend, Ind.
Haberling, Chas., water heaters, Columbus, Ohio.
Haberman Hardware Co., Marion, Ohio.
Habersack, N. A., architect, 160 W. 99th, New York.
Habhegger, Fred, brick, Wrenshall, Minn.
Habig, Geo., iron, 2819 Stanford av, Los Angeles, Cal.
Habirshaw Elec. Cable Co., rubber goods, 10 E. 43d, New York.
Hach, Richard G., urinal strainers, 159 E. 26th, New York.
Hachenberg Turbine Co., steam turbines, 66 Myrtle av, Flushing, N. Y.
Hachmeister-Lind Chemical Co., Pittsburgh, Pa.
Hack, W. C., & Sons, wholsale hdwe., Shamokin, Pa.
Hackdorn Contracting Co., Board of Trade Bldg., Indianapolis, Ind.
Hacke, H. C., soda ash, 244 California, San Francisco, Cal.
Hackenburg, W. E., & Co., silk thread, 1211 Arch, Phila., Pa.
Hackendahl & Schmidt Co., machsts., 1513 St. Paul, Milwaukee, Wis.
Hackensack Brick Co., Haskensack, N. J.
Hackensack Coal & Lumber Co., Hackensack, N. J.
Hacker, C., Co., sash, door & blind mfrs., Joliet, Ill.
Hacker, C. E., contractors, Brunswick, Me.
Hacker, Horace, & Co., machsts., 312 N. May, Chicago, Ill.
Hackett Bros., castings, 242 Lillibridge, Detroit, Mich.
Hackett-Gates-Hurty Co., hdwe., tin plate, 4th & Rosabel, St. Paul, Minn.
Hackett, J. Fndry. Co., Charlotte, N. C.
Hackett, L. K., & Co., canned goods, Finchville, Md.
Hackett, M., & Sons, contractors, 224 Griffith, Jersey City, N. J.
Hackett Motor Car Co., Jackson, Mich.
Hackett, P., Hardware Co., Ogdensburgh, N. Y.
Hackett, R., & Co., cornices, Richmond, Va.
Hackett & Witham, machsts. & fndrs., Skowhegan, Me.
Hackley, A. C., lumber mfrs., West Winfield, N. Y.
Hackley-Phelps-Bonnell Co., lbr. mfrs., Grand Rapids, Mich.
Hackman, Klehfoth & Co., masons' & bldrs.' matls., Richmond, Ind.
Hackner, E., Co., church furniture, La Crosse, Wis.
Hackney Mfg. Co., agricultural implements, St. Paul, Minn.
Hackney Ventilating Co., blowers, Prior & University, St. Paul, Minn.
Hackney Wagon Co., Wilson, N. C.
Hackwell, E. A., & Co., lbr., Worcester, Mass.
Hackworthy Const. Co., contrs., Appleton, Wis.
Haddock, Chas., machy. dlrs., 343 N. 3d, Philadelphia, Pa.
Haddock & Talliferro, turpentine, Damascus, Ga.
Haddock, Wm. D., & Co., contrs., 804 Orange, Wilmington, Del.
Haddorff Piano Co., Rockford, Ill.
Hadentine Lbr. Co., Camden, N. J.
Hadesty, J. M., & Son, gas tapping machs., Tamaqua, Pa.
Hadler, W. E., architect, 1414 Oxford, Richmond Hill, N. Y.
Hadley, Chas. R., Co., loose leaf devices, Los Angeles, Cal.
Hadley-Dean Glass Co., 11th & Lucas av, St. Louis, Mo.
Hadsell Bros. Co., lumber mfrs., Worcester, N. Y.
Haeberle Lumber Co., sash, door & blind, Niagara Falls, N. Y.
Haefell, Walter, Architect, 245 W. 55th, New York.
Haeger Brick & Tile Co., Coal City, Ill.
Haeger, Leonard, architect, 3844 Utah pl, St. Louis, Mo.
Haenichen Bros. Silk Co., umbrella cloth, Paterson, N. J.
Haenke, J., Martyn Co., architects, 15 Broad, New York.
Haese Track Sander Co., sand boxes, Milwaukee, Wis.
Haeseler, A. M., Bldg. & Contr. Co., Wainwright Bldg., St. Louis, Mo.
Haeusermann Metal Mfg. Co., 3114 3rd av, New York.
Haeussler, A. F., architect, Roe Bldg., St. Louis, Mo.
Hafer, C., Lumber Co., Council Bluffs, Ia.
Hafer Foundry & Machine Works, boiler cleaners, Chambersburg, Pa.
Hafer, J. D., cornices & skylights, Reading, Pa.
Hafers, Chris., Iron Wks., archl. iron, 407 W. 37th, New York.
Haffner Bros. Co., harness leather, 1130 Hopple, C. W., Cincinnati, Ohio.
Haffner, Chas., cornices & skylights, Burlington, Ia.
Haffner, Chas., Co., boilers, 2246 S. Halsted, Chicago, Ill.
Haffner-Veder Cut Stone Co., 1024 Peralta, Pittsburgh, Pa.
Hafker, Bryan, archl. iron, 73 N. Portland av, Brooklyn, N. Y.
Hafleigh & Co., case hardening compounds, Cambria & N. America, Philadelphia, Pa.
Hafner Mfg. Co., plate glass; lbr., Main, c Dock, St. Louis, Mo.
Haftenkamp, G., cornices, 34th & Prospect av, Kansas City, Mo.
Hagaman, Andrew, contractor, Port Richmond, N. Y.
Hagaman, F. L., Co., contractors, Rochester, N. Y.
Hagan & Co., cornices & skylights, Huntington, W. Va.
Hagan & Cushing, meat, Moscow, Idaho.
Hagan, G. W., turpentine, Iron City, Ga.
Hagan Gas Engine Mfg. Co., Winchester, Ky.
Hagan, Jas. A., stone, 1620 S. Laramie av, Chicago, Ill.
Hagan, John, & Co., stone, Comly Ab. Del., Philadelphia, Pa.
Hagan, L. T., belt shifters, Winchester, Ky.
Hagan, Lane & Co., turpentine, Buena Vista, Ga.
Hagans & Isleman, flour mills, Cameron, W. Va.
Hagar Hdwe. & Paint Co., Burlington, Vt.
Hagar Straw Board Paper Co., Xenia, Ohio.
Hagelberg, W., Inc., wall pockets, 5 E. 17th, New York.
Hagelskamp Bros. & Haverkamp, canned goods, Indianapolis, Ind.
Hagemeyer & Brunn, crude rubber, 82 Beaver, New York.
Hagemeyer Trading Co., crude rubber imps., 17 Battery pl., New York.
Hagen, Henry, contractor, Fort Benton, Mont.
Hagen Oil Mill & Fertilizer Co., Hagen, Ga.
Hager, C. C., Co., stamp pads & ink, 1234 Penn, Pittsburgh, Pa.
Hager, C. & Son, Hinge Mfg. Co., 2447 De Kalb, St. Louis, Mo.
Hager, Chas., & Son, grease bags, 1876 B'way, New York.

Hager, E. M., & Sons Co., contractors, 141 Elm, Buffalo, N. Y.
Hager, H. F., fertilizer mfrs., Quakertown, Pa.
Hager, Howard, Co., contractors, 6101 Penn av, Pittsburgh, Pa.
Hager, Julius, contractor, Janesville, Wis.
Hagerman & Phillips, masons' & bldrs.' matls., Findlay, Ohio.
Hagerstown Cap Co., Hagerstown, Md.
Hagerstown Fdry. Co., Hagerstown, Md.
Hagerstown Heating Co., Hagerstown, Md.
Hagerstown Mantel & Furniture Co., bank fix., Hagerstown, Md.
Hagerstown Metal & Refining Co., brass castings, Hagerstown, Md.
Hagerstown Shoe & Legging Co., Hagerstown, Md.
Hagerty Bros. & Co., chemical glassware, 10 Platt, New York.
Hagerty Bros. Co., machsts & mill & facty. supplies, Peoria, Ill.
Hagg Constr. Co., 1634 Sansom, Philadelphia, Pa.
Haggard & Marcusson Co., iron bedsteads, bunks, cots, chairs, etc., 1109 W. 37th, Chicago, Ill. *See adv. index at end of book.*
Haggerty, J. Hy., contrs.' tools, 50 South, New York.
Haggerty Refining Co., lubrg. oils, 50 South, New York.
Hagglund, H. E., mop sticks & holders, 410 W. Elm, Chicago, Ill.
Haglin, Stahr Co., contractors, Lumber Exch., Minneapolis, Minn.
Haglock, Fred W., architect, Akron Sav. & Loan Bldg., Akron, O.
Hagstedt, Chas., arc flaming lamps, 139 E. 54th, New York.
Hagstoz, T. B., & Son, gold alloys, Babbitt metal, etc., 709 Sansom, Philadelphia, Pa.
Hagstrom Bros. Mfg. Co., lamp cord adjusters, Lindsborg, Kans.
Hagstrom, Chas. E., & Co., contractors, 1514 Emerson av, N., Minneapolis, Minn.
Hague Box & Lumber Co., Tacoma, Wash.
Hague, Walter E., & Son, electro plating, Barker pl, Pittsburgh, Pa.
Hagy, Clayton L., & Son, mach. wipers, waste cotton & wool, 16th & Carpenter, Phila., Pa.
Hagy, D. F., architect, Tampa, Fla.
Hagy, J. Milton, Waste Works, cotton & wool waste, Phila., Pa.
Hagy, W. N., contractor & architect, San Antonio, Tex.
Hahl Automatic Clock Co., 2644 N. Maplewood av, Chicago, Ill.
Hahn, A., & Co., traveling bags, 69 5th av, New York.
Hahn, A. F., contractor, Chattanooga, Tenn.
Hahn, Arthur W., brushes, 7 Dominick, New York.
Hahn, Edward, architect, Bridge Plaza, Long Island City, N. Y.
Hahn, F. P., contractor, Nazareth, Pa.
Hahn, Frank E., architect, 1112 Chestnut, Philadelphia, Pa.
Hahn, Frank K., contractor, Cedar Rapids, Ia.
Hahn, Granville, slate, Walnutport, Pa.
Hahn, Henry, contractor, 247 Summit av, Jersey City, N. J.
Hahn, Howard H., architect, Kenosha, Wis.
Hahn, J. N., Co., corrugated paper boxes, Cuyahoga & W. 3d, Cleveland, Ohio.
Hahn Mfg. Co., jigs & fixtures, 5332 Hamilton av, Cleveland, Ohio.
Hahn, Max, Packing Co., meat, Dallas, Tex.
Hahn Motor Truck & Wagon Co., Hamburg, Pa.
Hahn, Scott W., contractor, 5215 Chestnut, Philadelphia, Pa.
Hahne, Frank, cornices & skylights, Savannah, Ga.
Haibach Contracting Co., 1261 N. 26th, Philadelphia, Pa.
Haigermoser, Jos., archl. modelers, 459 Beaubien, Detroit, Mich.
Haigh, Jos., & Sons Co., contractors, 140 S. Dearborn, Chicago, Ill.
Haight, Alton, architect, 15 E. 40th, New York.
Haight, Chas. C., architect, 52 Vanderbilt av, New York.
Haiku Fruit & Packing Co., Haiku, Hawaii.
Hain, G. E., Co., cornices & skylights, Fremont, Mich.
Hain, Geo. M., carriages, Reading, Pa.
Hain, Wm. T., cornices & skylights, Reading, Pa.
Hainer Bookkeeping Mach. Co., adding, 45 Willard av., Providence, R. I.
Haines, A., cornices, 100 Fulton, Brooklyn, N. Y.
Haines Co., exhaust & blow piping, etc., 1933 W. Lake, Chicago, Ill.
Haines, E. C., lumber, Portageville, Mo.
Haines Gauge Co., 119 S. 4th, Philadelphia, Pa.
Haines, Geo. S., Co., trunk, 610 Wood, Pittsburgh, Pa.
Haines, Jones & Cadbury Co., plumbers', mill & facty. supplies—jobbers, machsts. & fndrs., 1136 Ridge av, Philadelphia, Pa.
Haines Jos. H., & Sons, fertilizer mfrs., Medford, N. J.
Haines Lumber Co., North Tonawanda, N. Y.
Haines, O. J., & Son, cornices, East St. Louis, Ill.
Haines, W. P., & Co., pianos, 113 E. 138th, New York.
Haines, William, architect, 85 Robbins, Waltham, Mass.
Haines, William S., & Co., vacuum valves & steam traps, 12th & Buttonwood, Philadelphia, Pa.
Hainline Bros., common brick, Blandinsville, Ill.
Hair, C. E., & Co., architects, Terminal Bldg., Oklahoma City, Okla.
Haire, C. S., & J. G. Link, architects, Helena, Mont.
Haire, James A., machst. & fndr., Weyauwega, Wis.
Haish, Jacob, Co., agricultural implts., De Kalb, Ill.
Haisler Bros. Co., brooms, brushes, 740 N. Franklin, Chicago Ill.
Haiss, Geo., Mfg. Co., machsts. & wagon loaders, 141st & Rider av, New York.
Haist, Edw. R., contractor, 1701 Main, Buffalo, N. Y.
Hak, Anton, pearl buttons, West Willington, Conn.
Hake, A. M., & Co., contractors, York, Pa.
Hake, Harry, architect, Telephone Bldg., Cincinnati, Ohio.
Hakemeyer Mach. Co., Paterson, N. J.
Hakes, H. W., Mfg. Co., textile machy., supplies, etc., Millbury, Mass.
Hakill-Hunter Co., hardware—wholesale, 35 Terminal way, Pittsburgh, Pa.
Hal Motor Mfg. Co., automobiles, E. 72d, Cleveland, Ohio.
Haladay Motor Car Co., Mansfield, Ohio.
Halback, C. E., & Co., archl. iron, 23 E. 26th, New York.
Halbeisen, F., brick, Fremont, Ohio.
Halbert, Geo., & W., church & theatre decorations, 134 Livingston, Brooklyn, N. Y.
Halcomb Steel Co., Syracuse, N. Y. *See adv. index at end of book.*
Halcomb, W. A., machst. & fndr., Poplar Bluff, Mo.
Halcott, Geo. C., architect, City Hall, Worcester, Mass.
Halcrow, Wm. J., Co., contractors, 88 Cliford, Providence, R. I.
Hald, Emil, Blow Pipe Wks., 84 Oak, Brooklyn, N. Y.
Halden, John C., architect, 8 Beacon, Boston, Mass.
Haldy Marble & Granite Wks., stone producers, Lancaster, Pa.
Hale, Alfred, Rubber Co., diving apparatus, 17 Covington, S. B., Boston, Mass.
Hale Bros., Co., brass & jack chains, Worcester, Mass.
Hale Buggy Mfg. Co., carriages, Anniston, Ala.
Hale Co., desks, etc., 14 Stone, New York.
Hale Elec. & Engry. Co., pumps, 1232 E. 3rd, Cleveland, Ohio.
Hale, F. E., Mfg. Co., book cases, Herkimer, N. Y.
Hale Fire Pump Co., Wayne, Pa.
Hale, Fred A., architect, Continental blk., Salt Lake City, Utah.
Hale Gas Co., natural gas valve, Neodesha, Kans.
Hale, Geo. C., steel hames, ladders, Kansas City, Mo.
Hale, Geo. D., & Co., contractors, 6401 Hollywood, Los Angeles, Cal.
Hale, J. H., & Son, flour mills, Litton, Tenn.
Hale, J. I., architect, Defiance, Ohio.
Hale, Jas., Mixer Mfg. Co., Kansas City, Mo.
Hale, Jno., & Sons, buckwheat flour, Lyons, Mich.
Hale & Kelsey, steam fitters' supplies, Middletown, Conn.
Hale & Kilburn Corp., metal auto bodies, sheet metal stampings, R. R. car seats, metal ship wk., moldings, etc., 18th & Lehigh av, Philadelphia, Pa.
Hale Motor & Mach. Co., machsts., 654 Franklin, Detroit, Mich.
Hale, Mylrea Co., lbr. mfrs., Wausau, Wis.
Hale, Perley, architect, 6 N. Clark, Chicago, Ill. & 121 B'way, San Diego, Cal.
Hale & Rogers, architects, 470 5th av, New York.
Hales, Jas., contractor, 1431 Milburn, Toledo, Ohio.
Haley & Blanch Elevator Co., 53 Sabin, Providence, R. I.
Haley-Hammond Co., mangrove bark, valonea imprts., etc., 129 Pearl, New York.
Haley, Michael S., contractor, Chelsea, Mass.
Haley Patent Leather Co., Winchester, Mass.
Haley, Philip J., contractor, Willmar, Min.
Haleyville Oil & Fertilizer Co., Haleyville, Ala.
Halfhill Tuna Packing Co., canned, Los Angeles, Cal.
Halifax Paper Corp., Richmond, Va.
Halker Bros., lbr. mfrs., Fort Wayne, Ind.
Halkett, J. H., machst., Bridgton, Me.
Hall, A. D., & Son, refrigerators, 33 Spice, Boston, Mass.
Hall, A. G., fish line mfrs., Highland Mills, N. Y.
Hall, A. M., Co., machsts., Indianapolis, Ind.
Hall, A. W., & Co., machsts., 633 Plymouth ct, Chicago, Ill.
Hall, Albert G., architect, 56 Linwood, Roxbury, Boston, Mass.
Hall, Alfred G., architect, 204 N. Karlov av, Chicago, Ill.
Hall, Amos H., & Sons, beer coolers, wood tanks, 2915 N. 2d, Philadelphia, Pa.
Hall & Barr, masons' & bldrs.' matls., Cedartown, Ga.
Hall, Benjamin M., architect, Warren, R. I.
Hall Bros., carriages, Jacksonville, Ill.
Hall Bros., contrs., New Britain, Conn.
Hall Bros., dock bldrs., Gloucester, Mass.
Hall Bros., Co., churns, West Acton, Mass.
Hall Bros., Marine Ry. Co., 312 California, San Francisco, Cal.
Hall Bros. & Wood, sash, door & blind, 54th & Lancaster av, Philadelphia, Pa.
Hall & Brown Wood Working Machine Co., wood working machy., 1913-33 W. B'way, St. Louis, Mo.
Hall, C. B., brooms, Iola, Kans.
Hall, C. M., Lamp Co., Hancock & Rivard, Detroit, Mich.
Hall, C. R., Lbr. Co., 407 Com. Tribune Bldg., Cincinnati, Ohio.
Hall, C. W., Carriage Co., 191 John, Bridgeport, Conn.
Hall & Carlton, masons' & bldrs.' matls., Elizabeth, N. J.
Hall & Carpenter, tin plate, etc., 518 Race, Philadelphia, Pa.
Hall, Chas., brick, Cass City, Mich.
Hall, Chas. A., Hdwe. Co., Urbana, Ill.
Hall, Chas. Ward, contractor, 130 Nassau, New York.
Hall China Co., East Liverpool, Ohio.
Hall & Chowning, masons' & bldrs.' matls., Shelbyville, Ky.
Hall Concrete Products Co., flower pots, Grassland, Pa.
Hall-Crawford Contrg. Co., reinf. concrete steel const., Macon, Ga.
Hall-Curry Construction Co., Board of Trade Bldg., Indianapolis, Ind.
Hall & Donahue Coffin Co., Knoxville, Tenn.
Hall, E. N., lye, 396 B'way, New York.
Hall, E. O., & Son, Ltd., mill & facty. supplies, Honolulu, Hawaii.
Hall, E. R., & Bro., contractors, 34 S. 17th, Philadelphia, Pa.
Hall, Emery S., architect, 1102 S. La Salle, Chicago, Ill.

Hall, Ernest S., contractor, Brattleboro, Vt.
Hall, F. A. & P., textile machy., supplies, etc., Lawrence, Mass.
Hall, Fessenden, veneer mfrs., 218 S. 2d, Philadelphia, Pa.
Hall, Frank A., & Sons, machsts., 120 Baxter, New York.
Hall, Frank B., Co., croquet sets and cross arms, Newton Falls, Ohio.
Hall, G. R., & Co., cornices & skylights, Marlboro, Mass.
Hall, Gardiner, Jr., & Co., cotton thread, S. Willington, Conn.
Hall Gas Engine Co., Garden Bldg., Philadelphia, Pa.
Hall, Geo. M., Co., contractors, Homestead, Pa.
Hall & Graf, architects, Syndicate Tr. Bldg., St. Louis, Mo.
Hall Hardware Co., 137 W. Washington, Indianapolis, Ind.
Hall Hardware Co., 517 N. 3d, Minneapolis, Minn.
Hall, Harold, architect, Sarastoa, Fla.
Hall, Harry J., & Son, contractors, Findlay, Ohio.
Hall, Herman R., architect, Norwich, N. Y.
Hall-Holmes Mfg. Co., machsts., etc., Jackson, Mich.
Hall, Howard H., Const. Co., contractors, East St. Louis, Ill.
Hall & Hurlbert, machsts., ft. of 24th, Brooklyn, N. Y.
Hall, I. A., & Co., mill & facty. supplies, Paterson, N. J.
Hall Iron Wks., machsts. & fndrs., Lockport, N. Y.
Hall, Irving, stone producer, Norwalk, Conn.
Hall, J. C., Co., R. R. stationery, 68 W. Exchange, Providence, R. I.
Hall, J. F., brick, Hazelhurst, Ga.
Hall, J. F., Martin Co., contractors, Stimson Bldg., Los Angeles, Cal.
Hall, J. Herbert, architect, Huntington, Pa.
Hall, J. L. & Son, brick, Derby, Ohio.
Hall, J. P., masons' & bldrs.' matls., 588 Central av, Jersey City, N. J.
Hall, Jas. B., cooperage stock, Lexington, Ky.
Hall, Jas. H., Plow Co., Maysville, Ky.
Hall, John L., lumber, Williamsport, Pa.
Hall, Jos., contractor, Logansport, Ind.
Hall & Knight Hardware Co., Lewiston, Me.
Hall-Leeper Hardware Co., Denison, Tex.
Hall & Lethly, architects, Fairbanks Bldg., Springfield, Ohio.
Hall, Lincoln & Co., cotton duck, mops, twine, 154 Milk, Boston, Mass.
Hall, Louis, ties, Heidelberg, Ky.
Hall Lumber Co., 101 Milk, Boston, Mass.
Hall Machine Works, Sebring, Ohio.
Hall, Mackay Construction Co., Chemical Bldg., St. Louis Mo.
Hall Mammoth Incubator Co., Little Falls, N. Y.
Hall Mfg. Co., hdwe. specialties, Monticello, Ia.
Hall Mfg. Co., machsts., fndrs. & fillers, Harrison, N. J.
Hall, Morgan B., Co., architects & contrs., 434 Diamond, Pittsburgh, Pa.
Hall, N. B., & Sons, cooperage stock, Decatur, Ala.
Hall Organ Co., pianos, West Hartland, Conn.
Hall & Ostergren, architects, 11 S. La Salle, Chicago, Ill.
Hall Paint & Hardware Co., Lawrence, Mass.
Hall-Patterson Bldg. Co., lumber exch., Minneapolis, Minn.
Hall Printing Press Co., machsts. & fndrs., Dunellen, N. J.
Hall, R. L. & W. H., fertilizer, Newton, Ga.
Hall, R. S., & Co., turpentine, Ocala & Charlotte Harbor, Fla.
Hall, Robt. H., architect, Seymour, Ind.
Hall, S. L., Co., oven bldrs., 20 W. Jackson blvd, Chicago, Ill.
Hall Scott Motor Car Co., Crocker Bldg., San Francisco, Cal.
Hall Sherwood Co., whol hardware, Grand Rapids, Mich.
Hall Sidney Carriage Wks., Huntington, Ind.
Hall & Sons, brick, stove linings, etc., Buffalo, N. Y.
Hall Steam Pump Co., gas & air compressors, 213 Galveston, Pittsburgh, Pa.
Hall Switch & Signal Co., machsts., 50 Church, New York.
Hall, T. J., & Co., masons' & bdrs.' matls., sand, gravel, 450 E. Pearl, Cincinnati, Ohio.
Hall-Thompson Co., belt dressing, carbon removers, soap, etc., Hartford, Conn.
Hall & Torrey, mill & facty. supplies, Rockland, Mass.
Hall, W. A., Mfg. Co., elastic hosiery, St. Louis, Mo.
Hall, W., & Co., filter cloths, etc., Lansdowne, Pa.
Hall, W. D., masons' & bldrs.' matls., Harvard, Ill.
Hall, W. L., brick, Madisonville, Ky.
Hall, W. N., sash, door & blind mfrs., Alleghany, N. Y.
Hall, W. P., Stove Co., cooperage stock, Memphis, Tenn.
Hall, W. S., Co., marine steering wheels, Rochester, N. Y.
Hall-Welter Co., check writing machs., Rochester, N. Y.
Hall & Whittington, canned goods, Marion Station, Md.
Hall, Wilbur B., metal nov. & spec., Meriden, Conn.
Hall, Wm., Co., machsts. & fndrs., Quincy, Mass.
Hall, Wm. M., Co., steamfitters' supps., North Attleboro, Mass.
Hallack & Howard Lumber Co., packing box mfrs., Denver, Colo.
Halladan, P. O., contractor, Metropolitan Life Bldg., Minneapolis, Minn.
Halladay, L. P., Co., shock absorbers, lamp brackets & hdwe. mfrs., Streator, Ill.
Hallahan & Ahearn, contractors, 271 W. 125th, New York.
Hallam, F. W., & Co., ice & refrig. machy., 379-380 Harmon, Brooklyn, N. Y.
Hallberg, J. H., rheostats, transformers, etc., 1604 B'way, New York.
Hallberg, L. G., architect, 116 S. Michigan av, Chicago, Ill.
Hallenbeck, Earl, architect, 307 Maple, Syracuse, N. Y.
Hallenberg, Adolph, architect, Keller Bldg., Louisville, Ky.
Haller-Cummingham Elec. Co., wireless instruments, 428 Market, San Francisco, Cal.
Haller, Joseph F., can filling mach., Chartiers & Oliff, Pittsburgh, Pa.
Haller, Nicholas T., Co., architects, 211 10th N. W., Washington, D. C.
Haller Sign Wks., 213 W. Austin av, Chicago, Ill.
Haller Wagon & Carriage Co., Louisville, Ky.
Hallerman, G., contractor, Schneller av, Price Hill, Cincinnati, Ohio.
Hallet & Davis Piano Co., 146 Boylston, Boston, Mass.
Hallett, H. H., architect, 982 Woodward av, Detroit, Mich.
Hallett Iron Wks., Harvey, Ill.
Hallett, Marcus, architects, Mutual Bldg., Richmond, Va.
Hallettsville Hardware Co., Hallettsville, Tex.
Halliday, H. H., Milling Co., wheat flour, Cairo, Ill.
Halliday,H. L., masons' & blds.' matls., sand & gravel dlrs., Cairo, Ill.
Hallidie Co., rock crushers, Spokane, Wash.
Hallidie Machinery Co., 411 Occidental av, Seattle, Wash.
Halligan, Thos., meat packers, 629 W. 40th, New York.
Hallin Gas Engine & Boat Co., machsts. & fndrs., Tacoma, Wash.
Hallinan Bros., contractors, Little Falls, N. Y.
Halliwell Bros., 333 W. Pico, Los Angeles, Cal.
Halliwell & Co., elec. hair dryers, 64 E. 12th, New York.
Hallman, Oliver F., fndrs., Mont Clare, Pa.
Hallman, Wm., masons' & bldrs.' matls., Pottstown, Pa.
Hallock, Allanson E., carriages, Smithtown Branch, N. Y.
Hallock Bldg. Co., contrs., Portland, Ore.
Hallock, F., Co., mill & facty. supplies & whol. hdwe., Derby, Conn.
Hallock, L. G., Son & Co., contractors, Wheeling, W. Va.
Halloran, Matthews W., stone prod., New Britain, Conn.
Halloran, Thos., fndrs., 890 Metropolitan av, Brooklyn, N. Y.
Halloren, J., Lumber Co., Ottawa, Kans.
Hallowell, Chas. T., contractor, 1231 N 61st, Philadelphia, Pa.
Hallowell Granite Wks., Hallowell, Me.
Hallowell & Souder, ties, poles & posts, Harrison Bldg., Philadelphia, Pa.
Hall's, Ellis, Sons Co., dynamite, torpedoes, Oil City, Pa.
Hall's Safe Co., The, 3253-3269 Spring Grove av, Cincinnati, Ohio. *See adv index at end of book.*
Hall's, Sam'l, Sons, machsts., 229 W. 10th, New York.
Hall's, Sidney, Sons, boilers, Rochester, N. Y.
Halltown Canning Co., Halltown, Mo.
Halltown Paper Board Co., box boards, Halltown, W. Va.
H. & A. Lock Co., trunk & bag hdwe. mfrs., 243 44th Brooklyn, N. Y.
Halogen Chemical Co., Bay City, Mich.
Haloid Co., photo. paper, Rochester, N. Y.
Halpern Bros., elec. signs, 115 E. 107th, New York.
Halpern, Isaac, Bros. & Co., scrap iron, 1333 N. Front, Philadelphia, Pa.
Halpin-Boyle Const. Co., contrs., Kansas City, Mo.
Halpin, Jas., cornices, 1719 Fulton, Brooklyn, N. Y.
Halpin, John B., Co., contractors, Elyria, Ohio.
Halpin, Nicholas F., Sr., corn brooms, Deerfield, N. Y.
Halsall, Geo., boiler compounds, Jamestown, N. Y.
Halsema-Buckland-Fitchner Co., contrs., Jacksonville, Fla.
Halseman, J. C., Mfg. Co., sashes, doors & blinds, Jacksonville, Fla.
Halsey, H. B., Co., masons' & bldrs.' matls., South Orange, N. J.
Halsey, J. H., & Smith, patent lthr., New, Newark, N. J.
Halsey Lbr. Co., Charleston, S. C.
Halsey Mfg. Co., temperature regulators, steam traps, etc., 1211-1215 Filbert, Phila., Pa.
Halstead, J. N., Lumber Co., Brazil, Ind.
Halstead, Jos. Co., architectl. & ornamental iron, 1233 W. Randolph, Chicago, Ill.
Halsted Brush Co., 71 Park pl., New York.
Halsted & Co., machsts. & fndrs., 1129 Cherry, Phila., Pa.
Halsted, E. S., & Co., bags, burlap, 64 Pearl, New York.
Halsted Lbr. Co., 529 84th, Brooklyn, N. Y.
Halsted, W. D., Oil Co., 320 E. Water, Milwaukee, Wis.
Halt Mfg. Co., carterpillar tractors & harvesters & agric. machy., Peoria, Ill.
Halteman, J. L., masons' & bldrs.' matls. & contr., Pottstown, Pa.
Halter Cut Glass Co., 265 Franklin av, Brooklyn, N. Y.
Halton's, Thos., Sons, tex. machy., dobbies, card repeaters (Jacquard), Allegheny av & C, Philadelphia, Pa.
Halverson Bros., steamfitters' supplies, Ogden, Utah.
Halyard Hardware Co., Joplin, Mo.
Halyard Mfg. Co., shoe eyelets, Providence, R. I.
Ham, E. A., masons' & bldrs.' matls., Hunter, N. Y.
Ham, E. W., Elec. Co., Worcester, Mass.
Ham, L. M., Co., machsts. & fndrs., 158 Portland, Boston, Mass.
Hamachek, Frank, agricultural implements, Kewaunee, Wis.
Mamacher, W. J., small wood turnings, Grand Rapids, Mich.
Hamann, J. Henry, architect, 109 Forest av, Brooklyn, N. Y.
Hamar, Alex., common brick, West Lebanon, Ind.
Hambach, A., Co., mill & facty. supplies, plumbers, jobbers, 1st av S. & King, Seattle, Wash.

Hamblen, C. F., masons' & bldrs.' matls., mill & facty. supplies, wholesale hdwe., St. Augustine, Fla.
Hamblet Brick Co., Portland, Me.
Hamblet, Geo. W., castings, Lawrence, Mass.
Hamblet Hardware Co., Peabody, Mass.
Hamblet & Hayes Co., mill, fact'y & tanners supplies, 284 Devonshire, Boston, & Peabody, Mass.
Hamblet Machine Co., Lawrence, Mass.
Hamblin & Russell Mfg. Co., wire specialties, Worcester, Mass.
Hamborszki, Geza, architect, 1069 Meade av, Scranton, Pa.
Hamburg Boiler Wks., tanks, Hamburg, Pa.
Hamburg Broom Wks., Hamburg, Pa.
Hamburg Bros., machsts. & fndrs., Mt. Vernon, Wash.
Hamburg Button Co., 1140 B'way, New York.
Hamburg Canning Co., Hamburg, New York.
Hamburg Knitting Mills, sweaters, cardigans, etc., 685 Park av, Brooklyn, N. Y.
Hamburg Planing Mill Co., Hamburg, N. Y.
Hamburg Plow Wks., Hamburg, Pa.
Hamburg Vitrified Brick Co., 20th & Sedgley, Philadelphia, Pa.
Hamburger Cotton Mills, Columbus, Ga.
Hamburger, E., & Co., mfrs interior hardwood wk., 139 Emerson pl, Brooklyn, N. Y.
Hamburger, Felix, arc lamps, 404 4th av, New York.
Hamburger, Geo., Tool & Supply Co., mill & fcty. supps., Denver Colo.
Hamburger, H., goat & horse hair, bristles, 86 John, New York.
Hamby, A. W., architect, Columbia, S. C.
Hamel, J. J., & Co., lubrg. oils, Union Bk. Bldg., Pittsburgh, Pa.
Hamel Shoe Machinery Co., Haverhill, Mass.
Hamer, Fred, cornices, 938 W. North av, Chicago, Ill.
Hamer, J. W., common brick, Armstrong, Ill.
Hamersville Canning Co., Hamersville, Ohio.
Hamill, Alex., Iron Wks., machsts., 426 Montgomery, Jersey City, N. J.
Hamill, D. L., Co., plumbers' supplies, jobbers, 60 Delaware av, Buffalo, N. Y.
Hamill-Floyd Co., architects, Hirbour Bldg., Butte, Mont.
Hamilton, A., & Son, contractors, 2490 Tiebout av, New York.
Hamilton, Alex. D., contractor, Atlanta, Ga.
Hamilton, Alfred O., furnaces, 820 E. 43d, Chicago, Ill.
Hamilton Autographic Register Co., Hamilton, Ohio.
Hamilton, Bacon, Sign Co., advtg., 2440 W. 22d, Chicago, Ill.
Hamilton Bank Note Engraving & Printing Co., street ry. tickets, etc., 142 Adams, Brooklyn, N. Y.
Hamilton-Beach Mfg. Co., curling irons, elec. portable fans & small elec. motors, Racine, Wis.
Hamilton, Bradford, architect, 263 Summer, Boston, Mass.
Hamilton Brick Co., Hamilton, Ohio.
Hamilton Bros., contractors, Lynchburg, Va.
Hamilton Bros. Co., spools, bobbins, Goffstown, N. H.
Hamilton, C. J., & Son, machsts. & fndrs., Plymouth, Mich.
Hamilton Caster & Mfg. Co., Hamilton, Ohio.
Hamilton & Chambers Co., steel structural wks., 29 Broadway, New York.
Hamilton Co., casein, ferro manganese, castor oil, imp., etc., 50 Church, New York.
Hamilton Constr. Co., Hamilton, Ohio.
Hamilton Copper & Brass Wks., machsts. & fndrs., Hamilton, O.
Hamilton Corp., speedometer mfrs., Lancaster, Pa.
Hamilton & De Loso (Inc.), grease cups mfrs. & sheet metal stampings, Bridgeport, Conn.
Hamilton, E. N., architect, 502 Park rd., N. W., Washington, D. C.
Hamilton, Ed O., contractor, Omaha, Nebr.
Hamilton Emery & Corundum Co., Chester, Mass.
Hamilton, F. B., architect, City Hall, Kansas City, Mo.
Hamilton Fdry. & Mach. Co., Hamilton, Ohio.
Hamilton, Frank H., architects, City Hall, Springfield, Ill.
Hamilton, G. H., Mfg. Co , canvas gloves, etc., Beaver, Pa.
Hamilton, Geo., jewelers' rolls, 144 Pine, Providence, R. I.
Hamilton, Geo. A., architect, Jefferson Co. Bk. Bldg., Watertokn, N. Y.
Hamilton & Hamilton, cornices & skylights, Oskaloosa, Ia.
Hamilton & Hamilton, Jr., silver nov., Providence, R. I.
Hamilton & Hansell, elec. furnaces, 13 Park row, New York.
Hamilton Hdwe. Co., whol. hdwe., 74 Cortlandt, New York.
Hamilton Hardware Corp., mill & automobile supplies & builders' hardware, wholesale, Waterbury, Conn.
Hamilton Hosiery Mills, sweaters, cardigans, etc., Hamilton, N. Y.
Hamilton, J. A., & Sons, lumber, Conyers, Ga.
Hamilton, J. H., & Co., tapes, braids, 25 White, New York.
Hamilton, J. M., stone producers, Marion, Ohio.
Hamilton, J. T. & A., glass bottles, 26th & A. V. R. R., Pittsburgh, Pa.
Hamilton, Jas. M., packing box mfrs., Chester, Pa.
Hamilton, John A., architect, 32 B'way, New York.
Hamilton, John A., contractor, Manticoke, Pa.
Hamilton, Jno., Brass Wks., fndrs., Bridgeport, Conn.
Hamilton, John L., architect, 814 Tower Ct, Chicago, Ill.
Hamilton, Joseph H. (Est. of), stone producers, Lowell, Mich.
Hamilton, Jos. S., contractor, 829 Orange, Wilmington, Del.
Hamilton Knitting Mills, sweaters, cardigans, &c., 70 3d, Brooklyn, N. Y.
Hamilton-Low Co., dish washing machs., steam engines, 145 E. 42d, New York.
Hamilton Lbr. & Box Co., Chattanooga, Tenn.
Hamilton Lbr. Mfg. Co., glass, Paterson, N. J.
Hamilton Machine Tool Co., lathes, etc., Hamilton, Ohio.
Hamilton Mfg. Co., advtg. nov., Portland, Me.
Hamilton Mfg. Co., tickings, 201 Devonshire, Boston, Mass.
Hamilton Mfg. Co., window shades, Anderson, Ind.
Hamilton Mfg. Co., wooden furniture, Two Rivers, Wis.
Hamilton Motor Car Co., York, Pa.
Hamilton, Otto Coke Co., ammonia & tar mfrs., Hamilton, Ohio.
Hamilton-Parker Fuel & Supply Co., masons' & bldrs' matls., 491 Kilbourne, Columbus, Ohio.
Hamilton Piano Co., Chicago Heights, Ill.
Hamilton, R. A., flour, Beaver Creek, N. C.
Hamilton, Robt., & Son, soap, 709 Tasker, Philadelphia, Pa.
Hamilton, Robt., & Sons, fndrs., 56 Water, Brooklyn, N. Y.
Hamilton Rubber Mfg. Co., 1229 S. Michigan, Chicago, Ill.
Hamilton, S. M., Co., masons' & bldrs.' matls., Dunkirk, N. Y.
Hamilton-Sargent Co., architects, Clearwater, Fla.
Hamilton Sheet Metal Co., safe deposit boxes, Hamilton, Ohio
Hamilton Smithing & Mfg. Co., dumping wagons, Hamilton, O.
Hamilton Supply Co., mill & facty. supplies, Hamilton, Ohio.
Hamilton, Thomas H., architect, 11 N. Market sq, Harrisburg, Pa.
Hamilton, W. C., & Sons, writing paper, Wm. Penn, Pa.
Hamilton, W. C. T., heating contractors, 2948 Nicollet, Minneapolis, Minn.
Hamilton Wall Paper Co., Wayside av, Jersey City, N. J.
Hamilton Watch Co., Lancaster, Pa.
Hamilton Web Co., cotton webbing, woven labels, Hamilton, R. I.
Hamilton's, T., Sons, steel wire, 1340 E. Berks, Phila. Pa.
Hamlen, J. H., & Son, lbr. & shooks, Portland, Me.
Hamler Boiler & Tank Co., 3906 S. Halsted, Chicago, Ill.
Hamler-Eddy Smoke Recorder Co., 3906 S. Halsted, Chicago, Ill.
Hamlet Mills, cotton batting, Otter River, Mass.
Hamlin, A. D. F., architect, 105 Morningside av, New York.
Hamlin, A L., contractor, 1134 Princeton, Salt Lake City, Utah.
Hamlin, E. F., Brass Co., Union, N. H.
Hamlin & Emery Brass Co., castings, 49 Island, Boston, Mass.
Hamlin & Morrison, chemical engrs., 119 S. 4th, Phila., Pa.
Hamlyn, W. H. & Son, contractors, 35 Greenwich, Providence, R. I.
Hamm, C. E., contractor, Warren, Pa.
Hamm, M., Co., fertilizer, Washington C. H., Ohio.
Hammacher, Schlemmer & Co., mill & facty. supplies, wholesale hdwe., 133 4th av, New York.
Hammann Slate Co., Bangor, Pa.
Hammann, Wm., ventg. caps, 1057 5th, Milwaukee, Wis.
Hammant & Shoop, machsts. & fndrs., Vassar, Mich.
Hamme, John B., architect, York, Pa.
Hammel Oil Burner Co., Los Angeles, Cal.
Hammel Oil Burning Equip. Co., Inc., burners & furnaces, 409 Pine, Providence, R. I.
Hammel Riglander & Co., watch crystals, 47 Maiden la. New York.
Hammer, Bray, Co., stoves & ranges, Ft. Harrison, Oakland, Cal.
Hammer Bros., White Lead Co., St. Louis, Mo.
Hammer & Co., carpenters' clamps, machsts. & fndrs., Branford, Conn.
Hammer Dry Plate Co., Ohio av & Miami, St. Louis, Mo.
Hammer, H. H., machinist, Red Bluff, Cal.
Hammer, Harry G., architect, Glenside, Pa.
Hammer Iron Wks., Fort Smith, Ark.
Hammer Lumber Co., Franklir Bk. Bldg., Philadelphia, Pa.
Hammer, Thos. B., lumber, Franklin Bk. Bldg., Philadelphia, Pa.
Hammermill Bond Paper Co., Erie, Pa.
Hammerschlag Mfg. Co., paper & pulp mills, 232 Greenwich, New York.
Hammet, A., & H. G. Co., masons' & bldrs.' matls., Newport, R. I.
Hammett, H. G., railroad specialties, Troy, N. Y.
Hammett, J. L., Co., school supplies mfrs., Kendall sq, Cambridge, Mass.
Hammill, A., fndrs., Beloit, Wis.
Hammill & Gillespie, clays, minerals, etc., 240 Front, New York.
Hammill, Wm. S., Co., contractors, Troy, N. Y.
Hammon Coupler Co., pipe, Farmers Bk. Bldg., Pittsburgh, Pa.
Hammond Asphalt Products Co., paints, Hammond, Ind.
Hammond Bedding Co., cotton felt mattresses, Hammond, Ind.
Hammond Brass Wks., machsts. & fndrs., Hammond, Ind.
Hammond Brick Co. (Ltd.), Hammond, La.
Hammond Bros., contrs., 1732 Grand av, Kansas City, Mo.
Hammond, Byrd, Iron Co., brackets, fittings, etc., 1712-1719 American Trust Bldg., Birmingham, Ala.
Hammond, C. S., & Co., maps, 18 Thames, New Yoork.
Hammond, C. & Son, archts., 179 N. Water, New Bedford, Mass.
Hammond, C., & Son, machsts., Ogontz, Pa.
Hammond, Chas. Heireck, architect, St. Louis, Mo.
Hammond Cornice Wks., Hammond, Ind.
Hammond, E. L., & Son, files, key rings, Sayre, Pa.
Hammond, Edw. J., Co., lumber, 79 Milk, Boston, Mass.
Hammond Engng. Co., vacuum dryers, etc., Warren, Pa.
Hammond Fire Brick Co., Fairmont, W. Va.
Hammond, Fred'k, architect, 3029 3d av, New York.
Hammond & Freeman, brick, Dutchess Junction, N. Y.
Hammond, G. H., Co., meat packers, Union Stock Yards, Chicago, Ill.
Hammond, Geo. F., archt., 4220 Prospect av, S. E., Cleveland, O.

Hammond Glue Co., Hammond, Ind.
Hammond Hardware & Supply Co., Ltd., Hammond, La.
Hammond, Harold, architect, Hale Bldg., Philadelphia, Pa.
Hammond Heating Co., 130 E. Pearl, Cincinnati, Ohio.
Hammond-Homberger Co., gas stoves, Silver Creek, N. Y.
Hammond, Horace B., architect, Union Planters' Bank Bldg., Memphis, Tenn.
Hammond Iron Works, steel plate construction, Warren, Pa.
See adv index at end of book.
Hammond, J. T., & Son, toys, games & nov., 4534 Hedge, Philadelphia, Pa.
Hammond, J. W., machst., Fredonia, N. Y.
Hammond, John, Co., contractor, 68 N. Washington, Chicago, Ill.
Hammond, Knowlton & Co., silk thread, Putnam, Conn.
Hammond Lumber Co., 260 California, San Francisco, Cal.
Hammond Mach. Co., Haverhill, Mass.
Hammond Mach. & Forge Wks., steel struct. wk., Hammond, Ind.
Hammond Malleable Iron Co., castings, Hammond, Ind.
Hammond Mfg. Co., drilling & tapping machs., 2139 Hamilton av, Cleveland, Ohio.
Hammond Mfg. Co., mill & facty. supplies, Kamm Bldg., Portland, Ore.
Hammond Packing Co., meat, Cheyenne, Wyo.
Hammond Packing Co., machsts. & fndrs., St. Joseph, Mo.
Hammond Paint & Slug Shot Wks., Beacon, N. Y.
Hammond Process Co., paints, Norwich, Conn.
Hammond Sheet Metal Mfg. Co., 119 Cass av, St. Louis, Mo.
Hammond, Standish Co., meat packers, 20th & Standish, Detroit, Mich.
Hammond Steel & Forging Co., Solway, N. Y.
Hammond, Theo. C., cornices, 13 Ferry, Newark, N. J.
Hammond Typewriter Co., 537 E. 69th, New York.
Hammond, W., & Co., whol. lbr., 112 Market, San Francisco, Cal.
Hammond, W. G., archt., 1 E. of MacDuff av, Jacksonville, Fla.
Hammond & Yardley, masons' & bldrs.' matls., Stockton, Cal.
Hammons, Geo. L., Inc., packing, 627 Washington blvd, Chicago, Ill.
Hammons, J. E., & Son, architects, Gary, Ind.
Hampden Brass Co., fndrs., Springfield, Mass.
Hampden Cornice Wks., Springfield, Mass.
Hampden Corundum Wheel Co., Springfield, Mass.
Hampden Glazed Paper & Card Co., Holyoke, Mass.
Hampden Lbr. Co., sash, door & blind mfrs., Springfield, Mass.
Hampden Mfg. Co., hooks, tacks, fasteners, 108 Fulton, New York.
Hampden Paint & Chemical Co., Springfield, Mass.
Hampden Toy Co., Westfield, Mass.
Hampden Watch Co., Canton, Ohio.
Hamper & Basket Mfg. Co., fruit & vegetable packages, Bridgeton, N. J.
Hampshire Mfg. Co., spark plugs, Hatfield, Mass.
Hampshire Paper Co., South Hadley Falls, Mass.
Hampshire Pearl Button Co., Amsterdam, N. Y.
Hampshire Slate Co., Fair Haven, Vt.
Hampson, Jas. A., stone, 3529 S. Leavitt, Chicago, Ill.
Hampstead Fertilizer Co., Hampstead, Md.
Hampton & Branchville R. R. Lbr. Co., Hampton, S. C.
Hampton Bros. Co., contractors, Atlantic City, N. J.
Hampton Buggy Co., carriages, Hampton, Ga.
Hampton Elec. & Mach. Co., machy. dlrs., 518 Mission, San Francisco, Cal.
Hampton Fertilizer Co., Hampton, Ga.
Hampton Guano Co., fertilizer mfrs., Norfolk, Va.
Hampton, J. H., Buggy Co., Leaksville, N. C.
Hampton-Kelley Canning Co., Hampton, Ia.
Hampton Lumber Co., Omaha, Neb.
Hampton Lumber Co., Southampton, N. Y.
Hampton, M. Luther, architect, Hippodrome Bldg., Miami, Fla.
Hampton Mfg. Co., auto. reliners, Indianapolis, Ind.
Hampton Mfg. Co., machsts. & fndrs., Hampton, Va.
Hampton Normal & Ag'l Institute, Hampton, Va.
Hampton Paper Co., Northampton, Mass.
Hampton, Ralph C., baling presses, Honeybrook, Pa.
Hampton Stave Co., lumber & cooperage stock, Fordyce, Ark.
Hampton Stock Farm Co., lumber, Glenwood, Mich.
Hampton, Thomas, contractor, Real Estate Trust Bldg., Washington, D. C.
Hampton, W. E., Co., contractors, San Diego, Cal.
Hamrick Mills, cotton sheetings, Gaffney, S. C.
Hamrick Tank & Barrel Hardshell Enameling Co., 5831 Wissahickon av, Philadelphia, Pa.
Hamson, J., & Son, soap, Lynn, Mass.
Hance, J. W., Foundry Co., Westerville, Ohio.
Hance, Wallace E., architect, Equitable Bldg., Wilmington, Del.
Hanchett Swage Works, Big Rapids, Mich.
Hancock Brick & Tile Co., Findlay, Ohio.
Hancock Bros., architects, Fargo, N. D.
Hancock Bros., flour mills, Albany, Ky.
Hancock, C. W., & Son, contractors, Lynchburg, Va.
Hancock, Flora L., canned goods, Salem, N. J.
Hancock Fdry. Mach. Wks., Hancock, Md.
Hancock, Harbin & Hancock, contractors, Mobile, Ala.
Hancock Inspirator Co., machsts. & fndrs., valve mfrs., etc., 119 W. 40th, New York.
Hancock, J. B., masons' & bldrs.' matls., Cookstown, N. J.
Hancock, Jas., dist., Ludlow, Ky.
Hancock & Koch, architect, Coal Exch. Bldg., Scranton, Pa.
Hancock, L. W., & Co., contrs., Louisville, Ky.
Hancock Mfg. Co., machsts. & fndrs., Charlotte, Mich.
Hancock S. O., lbr., Casco, Me.
Hancock Shale Brick Co., Hagerstown, Md.
Hancock Stone Co., Findlay, Ohio.
Hancock, W. C., machsts., Concord, Mass.
Hancox, Chas J., architect, 111 N. Washington, Chicago, Ill.
Hand, B. A., Co., wholesale hdwe., Ottumwa, Ia.
Hand, Edw. L., & Co., 722 Arch, Philadelphia, Pa.
Hand, Jas., lumber, Purvis, Miss.
Hand, John E., & Sons Co., binnacles, compasses, indicators, etc., 222 Walnut, Philadelphia, Pa.
Hand, Jos. A., contractor, 8029 Frankfort av, Philadelphia, Pa.
Hand Knit Hosiery Co., lumbermen's socks, Sheboygan, Wis.
Hand Made Furniture Shop, 426 Armour, Chicago, Ill.
Han-D Metal Products Corp., 681 Communipaw av, Jersey City, N. J.
Hand, Robt. E., ties, poles & posts, Erma, N. J.
Hand Stitch Broom Sewing Machine Co., 424 1st av, Pittsburgh, Pa.
Hand Trading Co., fertilizer, Pelham, Ga.
Hand, W. H., Jr., naval architect, New Bedford, Mass.
Handel Co., machsts. & fndrs., Meriden, Conn.
Handel, Louis, Co., screw mach. products, 138 Center, New York.
Handifold Toilet Paper Co., Leominster, Mass.
Handlan-Buck Mfg. Co., whol. hdwe., mill, facty. & railway supplies, 210 N. 3d, St. Louis, Mo.
Handle & Excelsior Co., Picture Rocks, Pa.
Handley & Co., badges & buttons, 50 John, New York.
Handley, W. A., Mfg. Co., canvas & cotton duck, Roanoke, Ala.
Handlowitch, J., contractor, 579 S. 19th, Newark, N. J.
Handshy, C. E., architect, Zanesville, Ohio.
Handshy, Wm. C., & Son, contractors, Zanesville, Ohio.
Handy Bros., contractors, 106 Field pl, New York.
Handy Bros., lbr. mfrs., Bay City, Mich.
Handy & Harman, gold anodes, 59 Cedar, New York.
Handy Ladder Wks., Cleveland, Ohio.
Handy Light Co., elec. desk lights, 215 Butler, Cincinnati, Ohio.
Handy Mfg. Co., pipe threading dies, stocks, etc., Bridgeport, Conn.
Handy Mfg. Co., screws, clamps, 29 E. Madison, Chicago, Ill.
Handy, N. B., Co., wholesale hdwe., Lynchburg, Va.
Handy Sack Baler Co., Cedar Rapids, Ia.
Handy Supply Co., commutator compounds, 11737 Detroit av, Cleveland, Ohio.
Handy Things Mfg. Co., woodenware & novelties, Ludington, Mich.
Hane, F. O., contractor, Bradford, Pa.
Hanel, A. B., Co., contractors, 118 Locust, Milwaukee, Wis.
Hanemann, J. Theo., architect, 103 Park av, New York.
Hanes, Jos. H., contractor, Cape May City, N. J.
Hanes Roller Mills, State Road, N. C.
Hanes, Samuel J., & Son, archts., 205½ S. 6th, Springfield, Ill.
Haney Carriage & Mach. Co., machsts., Center Hall, Pa.
Haney, J. H., & Co., harness, saddles, etc., Omaha, Neb.
Haney School Furn. Co., Grand Rapids, Mich.
Hanford, Arthur, architect, Sellwood Bldg., Duluth, Minn.
Hanford, J. J., machinist, San Bernardino, Cal.
Hanger, C. F., Co., carriages, 6520 Carnegie av, Cleveland, Ohio.
Hanging Rock Iron Co., Hanging Rock, Ohio.
Hanifen, H. John, architect, Ottawa, Ill.
Hanify, J. R., Co., ties, poles & posts, 24 Market, San Fran., Cal.
Hank Bros., mill & facty. supplies, whol. hdwe., Paducah, Ky.
Hanke Iron & Wire Wks., 800 N. Albany av, Chicago, Ill.
See adv index at end of book.
Hanker & Cairns, architects, Scimitar Bldg., Memphis, Tenn.
Hanker, Chas., architect, Toledo, Ill.
Hankey, A., & Co., machsts. & fndrs., Rochdale, Mass.
Hankey, A., & Co., machsts.' tools, Bourse, Philadelphia, Pa.
Hankey Lumber Co., Bowling Green, Ohio.
Hankey Milling Co., flour, Petoskey, Mich.
Hankin, H. R., & Bros., contractors, Buffalo, N. Y.
Hankin, John, & Bro., machsts., 550 W. 25th, New York.
Hankins, H. H., & Bro., masons' & bldrs.' supplies, Bridgeton, N. J.
Hankins, S. R., & Sons, brooms, Hastings, Neb.
Hankinson Brick Co., North Augusta, S. C.
Hanks, A. A., assayers, chemists, 630 Sacramento, San Francisco, Cal.
Hanks, Fred. W., meter discs, 10624 St. Clair av, Cleveland, O.
Hanks, O. G., & Co., silk thread, Mansfield Center, Conn.
Hanks Stove & Range Co., Rome, Ga.
Hanky Lumber Co., Bowling Green, Ohio.
Hanlein, Hy., & Son, stone, 417 E. 103d, New York.
Hanley-Casey Co., htg. contrs., 1607 Olive, St. Louis, Mo.
Hanley, John, contractor, McGraw Bldg., Detroit, Mich.
Hanley, R. H., machsts., Palatka, Fla.
Hanley, S. V., vehicle washers, 857 Cambridge av, Milwaukee, Wis.
Hanley, Wm. T., dry dock & marine ry., ft. of Washington, Jersey City, N. J.
Hanline Bros., paint mfrs., 25 S. Howard, Baltimore, Md.
Hanlon Contracting Co., Gerke Bldg., Cincinnati, Ohio.
Hanlon Dry Dock & Shipbuilding Co., Oakland, Cal.

Hanlon & Goodman Co., brushes, holders, dusters, etc., 270 Pearl, New York.
Hanlon-Gregory Galvanizing Co., 24th & A. V. R. R., Pittsburgh, Pa.
Hanlon & Oakes, Sioux City, Ia.
Hanlon, Thos. H., contractor, 1817 Dorchester av, Boston, Mass.
Hanlon & Wilson, hand vacuum cleaners, Wilkinsburg, Pa.
Hanna Bros., masons' & bldrs.' matls., Denison, Tex.
Hanna Color Mfg. Co., paint mfrs., 155 N. Clark, Chicago, Ill.
Hanna Engineering Works, 1764 Elston av, Chicago, Ill.
Hanna, F. C., contractor, Cambridge, Ohio.
Hanna, Jno., & Sons, contractors, Chester, Pa.
Hanna, M. A., & Co. iron ores & coke, Leader News Bldg., Cleveland, Ohio.
Hanna Paint Mfg. Co., Columbus, Ohio.
Hanna Stone Co., Chester, Pa.
Hanna & Todd, masons' & bldrs.' matls., Aurora, Ill.
Hanna & Young Handle Co., Poplar Bluff, Mo.
Hannaford, S., & Sons, architects, Hulbert blk., Cincinnati, Ohio.
Hannah & Finton Co., machy. dlrs., Springfield, Mass.
Hannah, J. D., contractors, Monadnock Bldg., San Francisco, Cal.
Hannah, J. S., contractor, Williams Bldg., San Francisco, Cal.
Hannah & Lay Co., wheat flour, Traverse City, Mich.
Hannah & May Mercantile Co., masons' & bldrs.' matls., Traverse City, Mich.
Hannah, Thomas., architect, Keenan Bldg., Pittsburgh, Pa.
Hannahass, R. L., canned goods, Goodview, Va.
Hannan, F. H., Supply Co., masons' & bldrs.' mtls., Bridgeport, Conn.
Hannan, P. J., Co., contractors, Boatmen's Bk. Bldg., St. Louis, Mo.
Hanneman, Aug., sash, door & blind mfrs., Milton av & Monument, Baltimore, Md.
Hanner & Fredericks, htg. contrs., 824 Amsterdam av, New York.
Hanni, Nicholas, flour, Troy, Mo.
Hannibal Car Wheel & Fdry. Co., Hannibal, Mo.
Hannibal Gas Mach & Mfg. Co., Hannibal, Mo.
Hannibal Lime Co., Hannibal, Mo.
Hannibal Milling Co., flour, Hannibal, Mo.
Hannibal Wagon Co., Hannibal, Mo.
Hannifin Mfg. Co., machsts., 621 S. Kolmar av, Chicago, Ill.
Hannigan, John C., contractor, Schenectady, N. Y.
Hannon, Arthur M., architect, Garfield Bldg., Cleveland, Ohio.
Hannon, F. J., masons' & bldrs.' matls., 146 Summer, Boston, Mass.
Hannum, H. A., & Co., pinking & scalloping machy., 303 Wallace, Syracuse, N. Y.
Hannum, Philip G., contractor, Atlantic City, N. J.
Hanny, Chas. G., & Co., archl. iron, 856 W. North, Pittsburgh, Pa.
Hano, Philip, advtg. nov., 806 Greenwich, New York.
Hanover Bending & Mfg. Co., carriage rims, Hanover, Pa.
Hanover Brick Co., Morristown, N. J.
Hanover Co., chemicals, aniline dyes & colors, 72 Cliff, New York.
Hanover Contracting Co., 21 Park row, New York.
Hanover Cordage Co., Hanover, Pa.
Hanover Heel & Innersole Co., boot counters, Hanover, Pa.
Hanover Red Pressed Brick Co., Hanover, Ohio.
Hanover Wire Cloth Co., Hanover, Pa.
Hanovia Chemical & Mfg. Co., thermometers, 233 N. J. R. R. av, Newark, N. J.
Hanrahan Brick & Ice Co., Kingston, N. Y.
Hanrahan, Thos. M., & Co., contractors, Schenectady, N. Y.
Hanreddy, Jos., contractor & brick, 127 N. Dearborn, Chicago, Ill.
Hansbrough-Johnston Co., contractors, Monadnock Bldg., San Francisco, Cal.
Hanscom Construction Co., 70 Kilby, Boston, Mass.
Hanscom Cutter Wks., milling, 1297 River H. P., Boston, Mass.
Hanscom, Frank W., boot counters, Haverhill, Mass.
Hanscom Hardware Co., Haverhill, Mass.
Hansell-Elcock Co., mchsts. & fndrs., Archer & Normal avs, Chicago, Ill.
Hansell Grate Co., shaking grates, 80 E. Jackson blvd, Chicago, Ill.
Hansell, Wm. S., & Sons, horse collars, 131 Market, Phila., Pa.
Hansen, A., motor boat bldrs., ft. 58th, Brooklyn, N. Y.
Hansen, A. M., mchsts. & fndrs., Waupaca, Wis.
Hansen & Bain, machsts. & fndrs., San Francisco, Cal.
Hansen Bros., common brick, Princeton, Ill.
Hansen, C. L., machsts., Helena, Mont.
Hansen, Christian, brass & composition fndrs., Bridgeport, Conn.
Hansen Constr. Co., First Nat'l. Bank Bldg., Milwaukee, Wis.
Hansen, Cornelius, masons' & bldrs.' matls., Bessemer, Mich.
Hansen, H. C., Type Foundry, 190 Congress, Boston, Mass.
Hansen, Harold M., architect, 112 N. La Salle, Chicago, Ill.
Hansen, Joe, contractor, Council Bluffs, Ia.
Hansen, John F., contractor, Albert Lea, Minn.
Hansen, John & Sons, soap, 824 30th, Milwaukee, Wis.
Hansen, Marvin W., elec. lamp flashlights, 38 11th, Toledo, Ohio.
Hansen, O. C., Mfg. Co., leather gloves, 291 Milwaukee, Milwaukee, Wis.
Hansen & Olsen, brass & composition fndrs., Chicago, Ill.
Hansen, Otto, contractor, 1220 11th av, Spokane, Wash.
Hansen, Otto E., gas logs, Perth Amboy, N. J.
Hansen & Peterson Co., contractors, Joliet, Ill.
Hansen, Richard, contractor, Duluth, Minn.
Hansen & Young, architects, Vermont Bldg., Salt Lake City, Utah.
Hansen's Chr. Laboratory, butter colors, Little Falls, N. Y.
Hanshaft, Max, scrap iron, rubber, brass, etc., 262 Front, New York.
Hanson, A. P., & Son, concrete reinforcing materials, 1911 Emerson av, Chicago, Ill.
Hanson, Albert, Lumber Co., Ltd., Garden City, La.
Hanson, Alfred, & Son, contractors, Augusta, Me
Hanson, Andrew, machsts. & fndrs., Alpena, Mich.
Hanson Bros., scales, 525 N. Ada, Chicago, Ill.
Hanson Bros., screw mach. products, Plainville, Conn.
Hanson, C. H., Co., name plates, rubber stamps, stencils, etc., 178 N. Clark, Chicago, Ill.
Hanson, Chas., bldg. contr., Portland Me.
Hanson, Chas. A., contractor, Portland, Me.
Hanson Clutch & Machy. Co., friction clutch appliances, Tiffin, Ohio.
Hanson, F. C., shavings & steel wool, Southbridge, Mass.,
Hanson, Fred, bldg. contr., Madison, Wis.
Hanson, H. M., architect, Gloucester, Mass.
Hanson, Hy., metallurgical engrs., 85 2nd, San Francisco, Cal.
Hanson, Jos., oil pumps, Inwood, Iowa.
Hanson & Lantz, canned goods, Edgewood, Md.
Hanson, Louis Co., barbers' chairs, 1500 N. Kostner av, Chicago, Ill.
Hanson Mach. Co., Somerville, Mass.
Hanson Mfg. Co., clocks, Princeton, Ind.
Hanson, R., & Sons, lbr., Grayling, Mich.
Hanson Tool & Die Co., Detroit Mich.
Hanson & Van Winkle Co., platers' machy. & supplies, 269 Oliver, Newark, N. J.
Hanson-Ward Veneer Co., Bay City, Mich.
Hanssel, Frank G., contractor, White Bldg., Buffalo, N. Y.
Hanssen, Gustav A., architect, 2030 29th, San Diego, Cal.
Hanssen's, Louis, Sons, mill & facty. supplies, wholesale hdwe., Davenport, Ia.
Hanstetter, A., airplane parts & supps., 308 Madison av, New York.
Hanten Mach. Co., Watertown, S. D.
Hapgood, Edw. T., architect, 36 Pearl, Hartford, Conn.
Hapgood, Frost & Co., contractors, Wellesley, Mass.
Hapgood, J. J., & Co., lbr., Peru, Vt.
Hapgood Plow Co., Alton, Ill.
Happ, Louis, stone producer, 1315 Penna av, Pittsburgh, Pa.
Happ & Shelverton, architects, Macon, Ga.
Happell, Adam, arch'l iron, 408 E. 93d, New York.
Happinger Co., loose leaf devices, 118 St. Clair av, N. E., Cleveland, Ohio.
Happy Farmer Co., engines, 322 3d av, Minneapolis, Minn.
Happy, Harrison G., architect, Eau Claire, Wis.
Harbach's, L., Sons Co., mattresses, Des Moines, Ia.
Harbater & Silk, contractors, 106 W. 13th, New York.
Harbauer Co., canned goods, Toledo, Ohio.
Harbaugh, A. G., Co., axle greases & oils, Hipp Annex Bldg., Cleveland, Ohio.
Harbaugh Constr. Co., Akron, Ohio.
Harbeck & Neuhaus, hog ringers, Davenport, Ia.
Harber & Kaufman, contractors, Chamber of Commerce, Detroit, Mich.
Harbeson, John F., architect, 5301 Knox, Philadelphia, Pa.
Harbison & Gathright, harness, saddles & strap wk. mfrs., Louisville, Ky.
Harbison Mfg. Co., mill & facty. supplies & machstts., 1001 Mulberry, Kansas City, Mo.
Harbison-Walker Refractories Co., masons' & bldrs.' matls., Farmers' Bk. Bldg., Pittsburgh, Pa.
Harbor Springs Lumber Co., Harbor Springs, Mich.
Harburger & Stack, crude rubber, beeswax, horse hair, 27 Ferry, New York.
Harby, Abrous & Melius, contrs., 30 E. 42nd, New York.
Harcus, Adam H., contractor, Racine, Wis.
Harcus & Co., contractors, 774 Russell, Detroit, Mich.
Hard Mfg. Co., bedstead mfrs., 117 Tonawanda, Buffalo, N. Y.
Hard, Straiton, contractor, Atlanta, Ga.
Hardage & McMullen, lumber, Largo, Fla.
Hardaway, Cargill Co., canned goods, Columbus, Ga.
Hardaway Contracting Co., Columbus, Ga.
Hardcastle, Mrs. K. N., Co., canned goods, Denton, Md.
Harde & Hasselman, architects, 56 W. 45th, New York.
Harde, Herbert S., architect, 56 W. 45th, New York.
Hardee & Cordy, turpentine, Cherry Lake, Fla.
Hardeman-Belcher Constr. Co., Dallas, Tex.
Harden, Frank, contractor, Camden, N. J.
Hardenbergh, Henry J., architect, 47 W. 34th, New York.
Hardenbergh, P. R. L., & Co., fly nets, 237 E. 8th, St. Paul, Minn.
Harder, A. P., cornices, Rockford, Ill.
Harder Auto. Truck Co., 149 W. 62d, Chicago, Ill.
Harder & Boesenberg, wall pockets, 377 B'way, New York.
Harder, H. J., machsts. & fndrs., Beaver Dam, Wis.
Harder, Julius, architect, 120 W. 32d, New York.
Harder Mfg. Co., agricultural implements, Cobleskill, N. Y.

Hardesty Mfg. Co., iron flumes, Denver, Colo.
Hardesty Mfg. Co., machsts. & fndrs., Dover, Ohio.
Hardgrove, Wm., contractor, Somerville, N. J.
Hardie Mfg. Co., machsts. & fndrs., Hudson, Mich.
Hardie-Tynes Mfg. Co., machsts. & fndrs., Birmingham, Ala.
Hardin Construction Co., 534 N. La Salle, Indianapolis, Ind.
Hardin, D., Co., interior finish mfrs., Saginaw, Mich.
Hardin-Lavin Co., steam fitters' supps., 4543 Cottage Grove av. Chicago, Ill.
Hardin, M. T., architect, Muskogee, Okla.
Hardin, R. A., architect, 1315 Jackson, Houston, Tex.
Harding, B. W., boilers, Sioux Falls, S. D.
Harding, C. L., architect, Woodward Bldg., Washington, D. C.
Harding, E. R., Co., contractors, Racine, Wis.
Harding & Fancourt, oils, soap, cotton softeners, etc., 516 S. Del., Philadelphia, Pa.
Harding, H. C., mill soaps, Sedgley W. 17th, Philadelphia, Pa.
Harding, H. W., Lumber Co., Hamilton blvd & Midland av, Detroit, Mich.
Harding, J. W., flour mills, Claysville, Ky.
Harding, J. W., & Co., mill & facty. supplies, Lynn, Mass.
Harding, John W. R., umbrella mfrs., 1528 Gillingham, Philadelphia, Pa.
Harding, L., & Sons, scrap iron, steel & rubber, Omaha, Neb.
Harding, Malcolm B., architect, Westfield, Mass.
Harding Mfg. Co., screw driver & knife mfrs., Mansfield, Mass.
Harding, P. E., Constr. Co., 86 Weybosset, Providence, R. I.
Harding & Seaver, architects, 7 North, Pittsfield, Mass.
Harding, Slattery & Buchanan, contractors, Crawfordsville, Ind.
Harding, Thos., architect, Little Rock, Ark.
Harding, Walter J., architect, Lawrence, Mass.
Harding, Wm. & Co., roofing slate mfrs., Pen Argyl, Pa.
Harding, Wm. E., architect, Hyde Park, Boston, Mass.
Hardinge Bros., watchman's portable clocks & watchmakers' & jewelers' tools, 4203 Ravenswood av, Chicago, Ill.
Hardinge Conical Mill Co., grinding mills, etc., 120 B'way, New York.
Hardison, W. T., & Co., masons' & bldrs.' matls., 11 S. Front, Nashville, Tenn.
Hardisty & Co., auger bits, etc., Garland Linwood, Cincinnati, O.
Hardman Button Co., Beverly, Mass.
Hardman, C. C., Co., sashes, doors & blinds, Shreveport, La.
Hardman, Peck & Co., pianos, 433 5th av, New York.
Hardman Tire & Rubber Co., 207 W. 76th, New York.
Hardner, Geo. H., contractor, Allentown, Pa.
Hardock, Benj., mattresses, 531 N. 2d, Philadelphia, Pa.
Hardsocg Mfg. Co., adze mfrs., Ottumwa, Ia.
Hardsocg, Martin Co., spike pullers & tool mfrs., 922 South av, Pittsburgh, Pa.
Hardsog Wonder Drill Co., drill sharpening machines, Ottumwa, Ia.
Hardware Age, trade publication, 239 W. 39th, New York.
Hardware Agency Co., 224 Franklin, Boston, Mass.
Hdwe. Co., Fort Scott, Kan.
Hdwe. Dlrs. Mag., trade publication, 253 B'way, New York.
Hdwe. Review, trade publication, Woolworth Bldg., New York.
Hdwe. Spec. Mfg. Co., Anderson, Ind.
Hdwe. Spec. Mfg. Co., 810 Montrose av, Chicago, Ill.
Hardware & Supply Co., hardware, automobile & electrical supp., Akron, Ohio.
Hdwe. Supply Co., Grand Rapids, Mich.
Hardware & Supply Co., 215 Canal, New York.
Hardway, Geo. J., architect, 347 5th av, New York.
Hardwick, C. H., & Co., granite, Quincy, Mass.
Hardwick Polishing Co., granite prod., Hardwick, Vt.
Hardwick Stove Co., cast iron hollow ware, Cleveland, Tenn.
Hardwick, W. M., machy. dlrs., Dalton, Ga.
Hardwicke, Chas. W., & Co., sash, door & blind mfrs., 18th, Richmond, Va.
Hardwicke-Etter Co., whol. hdwe. & mill & facty. supps., Sherman, Tex.
Hardwood Door Co., 160 W. 5th, St. Paul, Minn.
Hardwood Finish Co., sash, door & blind mfrs., Athens, Ohio.
Hardwood Flooring Co., Roanoke, Va.
Hardwood Interior Co., flooring, 446 6th, San Francisco, Cal.
Hardwood Mfg. Co., bags & bagging, 101 3d av S., Minneapolis, Minn.
Hardwood Mfg. Co., lbr. mfrs., Monroe, La.
Hardwood Products Co., sash, door & blind, Neenah, Wis.
Hardwood Record, trade publication, 537 S. Dearborn, Chicago, Ill.
Hardy Buggy Co., Paducah, Ky.
Hardy, Chas., mineral broker, 50 Church, New York
Hardy, Chas. H., contractor, Ayer, Mass.
Hardy & Cole, pckg. box mfrs., Andover, Mass.
Hardy County Milling Co., flour, Moorefield, W. Va.
Hardy & Day, contractors, Beverly Farms, Mass.
Hardy & Dischinger Co., mill & facty. supplies, Toledo, Ohio.
Hardy, F. A., & Co., 10 S. Wabash av, Chicago, Ill.
Hardy, Frank H., mill baskets, foundry brushes, Andover, Mass.
Hardy, Geo. F., architect & mill engr., 309 B'way, New York.
Hardy, H., contractor, Jackson, Miss.
Hardy, Harry E., contractor, 148 Burrill, Lynn, Mass.
Hardy, L., Co., machsts., Worcester, Mass.
Hardy Mach. Co., N. Baltimore, Ohio.
Hardy Paint & Varnish Co., Toledo, Ohio.
Hardy & Streeter, contractors, 95 Milk, Boston, Mass.
Hardy & Tierney, pipe & boiler coverings, etc., 410 E. 23d, New York.
Hardy, Voorhees & Co., sash, door & blind mfrs., Met. av, Brooklyn, N. Y.
Hardy, W. F., machst., Champaign, Ill.
Hardy, Wallace L., machst., Joliet, Ill.
Hardy, Wm. A., & Sons Co., Babbitt metal, auto & brass castings, etc., Fitchburg, Mass.
Hare, A. A., hot air furnaces, 300 Woodward av, Detroit, Mich.
Hare & Hare, landscape archs., Gumbel Bldg., Kansas City, Mo.
Hare, J. M., machsts. & fndrs., Noblesville, Ind.
Hare, Robinson-Hughes, lumber mfrs., 15th, Richmond, Va.
Hare, W., & Son, carriages, Noblesville, Ind.
Harer, G. V., contractors, Lykens, Ohio.
Hargett, P. L., & Co., wholesale hdwe., Frederick, Md.
Hargrave, W. T., sash, door & blind, Petersburg, Va.
Hargrove & Ruth Lumber Co., Poplar Bluff, Mo.
Harig, Henry, & Co., contractors, 31 E. 4th, Cincinnati, Ohio.
Haring, D., contractor, Clinton, Ia.
Haring, Ellsworth, iron & steel merchant, 114 Liberty, New York.
Harker, H. J., architect., 810 Chestnut, St. Louis, Mo.
Harker Mfg. Co., fire appliances, 410 E. Pearl, Cincinnati, Ohio.
Harker Pottery Co., East Liverpool, Ohio.
Harkins, M. T., contr., Lewiston, Me.
Harkins, T. B., Fdry. Co., Bristol, Pa.
Harkness & Cowing Co., stearic acid, candles, Murray av & Carthage Pike St. B., Cincinnati, Ohio.
Harl, David G., architect, Punxsutawney, Pa.
Harl, McKean, contractor, Punxsutawney, Pa.
Harlan & Hollingsworth Corpn., ship builders, Wilmington, Del.
Harlan, J. M., Lumber Co., Indianola, Ia.
Harlan Morris Mfg. Co., cooperage stock, Jackson, Tenn.
Harland, Wm., & Son, varnishes, Buffalo, N. Y.
Harleigh Iron Wks. Co., machsts., Hazleton, Pa.
Harlem Mfg. Co., valves, 518 W. 55th, New York.
Harlem Oil & Fertilizer Co., Harlem, Ga.
Harlem River Lbr. & Wood Working Co., 138th & Gerard av, New York.
Harlem Supply Co., plumbers' supplies—jobbers, 116 E. 124th, New York.
Harley & Aga, architects, 139 N. Clark, Chicago, Ill.
Harley, Alvin E., & Marr, Richard H., architects, Kresge Bldg., Detroit, Mich.
Harley Bros., mill & facty. supplies, Geneva, Ohio.
Harley Burglar Proof Ventg. Sash Lock Mfg. Co., hdwe. mfrs., 3341 Ogden av, Chicago, Ill.
Harley, C. & G. P., lime, Delphi, Ind.
Harley, Chas., Co., scrap iron, 650 7th, San Francisco, Cal.
Harley Co., machts. & fndrs., Springfield, Mass.
Harley-Davidson Motor Co., motor cycles & bicycles, 3732 Chestnut, Milwaukee, Wis.
Harley, J. S., fly nets, Quakertown, Pa.
Harley, P. N., Hardware Co., Waycross, Ga.
Harlow, Alfred B., architect, Farmers Bank Bldg., 5th av, Pittsburgh, Pa.
Harlow, Hamilton, architect, 101 Tremont, Boston, Mass.
Harlow Lbr. Co., Hartford, Conn.
Harlow, William H., & Sons, masons' & bldrs.' matls., 95 Pierce, Boston, Mass.
Harman Bros., machsts., 1915 Washington av. Phlidelphia, Pa.
Harman & de Rundeau, flour mills, Crimora, Va.
Harman Eave Trough Hanger Co., New Philadelphia, Ohio.
Harman, Ed. F., posts (steel), Rosewood, Ohio.
Harman Engng. Co., ice & refrigerating machy., Charlotte, N. C.
Harman & Hassert, machsts. & fndrs., Bloomsburg, Pa.
Harman, Jacob A., consulting htg. engr., Dime Savings Bank, Peoria, Ill.
Harman, John B., architect, 56 N. Duke, Lancaster, Pa.
Harman, Jno. H., architect, Uniontown, Pa.
Harman & Moyer, machsts. & fndrs., Freeburg, Pa.
Harmer Rubber Reclaiming Works, East Millstone, N. J.
Harmon, Arthur Loomis, architect, 3 W. 29th, New York.
Harmon, C. A., & Son, machsts, Watertown, N. Y.
Harmon Color Works, Inc., color mfrs., College Point, L. I., N. Y.
Harmon & Dixon, whol. hdwe., 117 Chambers, New York.
Harmon, F. L., & Co., mattresses, Tacoma, Wash.
Harmon Machy. Co., Cordova, Alaska.
Harmon Mach. Co., Watertown, N. Y.
Harmon Paper Co., Brownville, N. Y.
Harmon & Reid, flour, Kernersville, N. C.
Harmon & Son, stone producers, Lannon, Wis.
Harmon, William H., & Son, architects, Beverly, Mass.
Harmony Grove Mills, cotton sheetings, Commerce, Ga.
Harmony Mills, cotton sheetings, Cohoes, N. Y.
Harms Bros., machsts., 1730 Thames, Baltimore, Md.
Harn, Willard E., Co., contractors, 213 N. Calvert, Baltimore, Md.
Harnden, Jas. H., Co., stone prod., 991 Grand, Brooklyn, N. Y.
Harned, Henry P., architect, 231 Wisconsin av, Oak Park, Ill.
Harney, G. E., architect, 320 5th av, New York.
Harney, Jos. G., contractor, 3619 18th, San Francisco, Cal.
Harney, Wm., range boilers, 1349 N. Warnock, Philadelphia, Pa.
Harnisch, Ad. A., archl. modelers, Syracuse, N. Y.
Harnois, F. Louis, architect, 100 E. 16th av, Denver, Colo.
Harper Brick Co., Harrison, N. J.
Harper Brush Wks., mop handles, Fairfield, Ia.

Harper Buggy Co., Columbia City, Ind.
Harper & Buttendorff Co., contractors, Oak Park, Ill.
Harper, C. M. C., masons' & bldrs. matls., Boston, Pa.
Harper, David, masons' & bldrs.' matls. & contr., Harrison, N. J.
Harper, F. C., Screw Works, 19 E. 8th, Chicago, Ill.
Harper, Fred D., dry batteries, Everett, Mass.
Harper, G. H., Co., veneer mfrs., Orange, N. J.
Harper-Hill Brick Co., common, Seattle, Wash.
Harper Lumber & Bldg. Co., Meadville, Pa.
Harper & McIntire Co., wholesale hdwe., Ottumwa, Ia.
Harper Machy. Co., 50 Church, New York.
Harper Mfg. Co., mill & facty. supplies, Chester, Pa.
Harper Oriphone Co., audiphones, 294 Washington, Boston, Mass.
Harper & Reynolds Co., plumbers' supplies, jobbers, 152 N. Main, Los Angeles, Cal.
Harper, Thos., brass fndrs., 204 Lafayette, New York.
Harper, W. E., Co., silver nov., New Britain, Conn.
Harper, Walter, stone, Ridley Park, Pa.
Harper, Wm. F., contractor, 68 V, N.W., Washington, D. C.
Harperly Hall Co., Central contractors, P. N. & 64th, New York.
Harpers Brass Wks., Portland, Ore.
Harpers Ferry Paper Co., Harpers Ferry, W. Va.
Harpham Bros., Co., horse collars, harness, etc., Lincoln, Nebr.
Harpold Bros., wholesale hdwe., Ravenswood, W. A.
Harpole, John A., brick, Clinton, Ky.
Harpring, L. H., & Bro., cornices, 1236 S. Shelby, Louisville, Ky.
Harps, J. A., Mfg. Co., oil cans, automobile tanks, Greenfield, O.
Harpster & Bliss, architects, Nantucket bldg., Akron, Ohio.
Harrah Mfg. Co., tools, Bloomfield, Ind.
Harrah & Stewart Mfg. Co., brooms, soap, Des Moines, Ia.
Harral Soap Co., 136 Havemeyer, Brooklyn, N. Y.
Harrell, Ed. H., Co., lumber, Houston, Tex.
Harrell, R. A., Buggy Co., carriages, South Boston, Va.
Harrigan, J., & Son, cornices & skylights, 111 Liverpool, E. Boston, Mass.
Harrigan, John J., masons' & bldrs.' matls., Beverly, Mass.
Harrigan Safe Co., Kansas City, Mo.
Harriman, L. P., brass fndrs., Lyndonville, Vt.
Harriman Mfg. Co., agricultural implements & plow stocks, Harriman, Tenn.
Harriman Milling Co., flour, Harriman, Tenn.
Harriman Motors Co., South Glastonbury, Conn.
Harriman, S. H., dowels, Fryeburg, Me.
Harring, F. J., & Co., fndrs., Grand Rapids, Mich.
Harringford Mfg. Co., pick & mattock mfrs., 148 State, Boston, Mass.
Harrington, B. E., canned goods, Taylors Island, Md.
Harrington Bros., bldg. contrs., Watson & Odell av, St. Louis, Mo.
Harrington, C. W., Co., contrs., Branford, Conn.
Harrington Canning Co., Harrington, Del.
Harrington Cutlery Co., Southbridge, Mass.
Harrington, E. G. & Co., pianos, 433 5th av, New York.
Harrington, Edwin, Son & Co., drilling, staybolt threading tapping machines, etc., 17th & Callowhill, Philadelphia, Pa.
Harrington, Geo. S., Co., tex. machy., pickers (hair), 77 Washington, N. Boston, Mass.
Harrington & Howard, architects, Dubois, Pa.
Harrington, Hubert, mill & facty. supplies, Fargo, N. D.
Harrington, Jno. (Est. of), stone, Chambridge, Mass.
Harrington, King & Co., mill & facty. supplies, 79 Commercial, Boston, Mass.
Harrington & King Perforating Co., mining screens, 614 N. Union av, Chicago, Ill.
Harrington Mach. Co., Erie, Pa.
Harrington Milling Co., lumber, Harrington, Wash.
Harrington, P. J., stone producers, Norwich, Conn.
Harrington-Peters Co., contractors, Oriental Bldg., Seattle, Wash.
Harrington & Richardson Arms Co., gun & pistol mfgrs., Worcester, Mass.
Harrington-Robinson & Co., steel structural dlrs., 45 Bromfield, Boston, Mass.
Harrington, S. W., lbr. mfrs., Lehigh, Ia.
Harrington, T. J., knives, shoemakers' tools, Southbridge, Mass.
Harrington, T., & Sons, contractors, 558 Montgomery, Jersey City, N. J.
Harris, A. H., sash, door & blind, Pittston, Pa.
Harris, A. J., & Co., scrap iron, Lowell, Mass.
Harris, A. L., architect, 1410 H, N.W., Washington, D. C.
Harris, A. W., & Co., lubrg. oils & greases, 73 Front, New York.
Harris, A. W., Oil Co., boiler compounds, lubricating oils, etc, 326 S. Water, Providence, R. I.
Harris Air Pump Co., 421 W. South, Indianapolis, Ind.
Harris, Alfred W., architect, Schofield Bldg., Cleveland, Ohio.
Harris, Arthur, & Co., fndrs., 212 N. Curtis, Chicago, Ill.
Harris Automatic Press Co., E. 71st, Cleveland, Ohio.
Harris Bag Co., 508 Caxton, Cleveland, Ohio.
Harris, Benj., Co., badges & buttons, 229 Bowery, New York.
Harris Brick Co., Cincinnati, Ohio.
Harris Bros., masons' & bldrs.' matls., Zanesville, Ohio.
Harris Bros., Co., second hand bldg. matls. & machy. dlrs., 35th & Iron, Chicago, Ill.
Harris, Burt, scrap iron, 30 Church, New York.
Harris, C. E., Hardware Co., Rockville, Conn.
Harris, C. F., contractor, Youngstown, O.
Harris, C. P., masons' & bldrs.' matls., Meadville, Pa.
Harris, C. S., contractor, Price, Utah.
Harris, C. S., cornices, Shelter Island Heights, N. Y.
Harris, C. S., Co., machsts, Rome, N. Y.
Harris Calorific Co., Cleveland, Ohio.
Harris Carriage Co., Lynchburg, Va.
Harris, Chas. E., auto wheels, Easthampton, Mass.
Harris, Chas. F., & Co., carriages, Littleton, N. H.
Harris Clay Co., Dillsboro, N. C.
Harris, S. A., & Co., sleeving cotton, 119 S. 4th, Philadelphia, Pa.
Harris-Corliss Engine & Machine Co., steam engines, engine lathes, contractors' machine work, Park, Providence, R. I.
Harris, Delancey P., Hardware Co., 24 Murray, New York.
Harris, Edgar T., contractor, South Hadley Falls, Mass.
Harris Emery Co., cariage cloth, flannels—woolen, Penacook, N. H.
Harris Engine Co., Front & Orange, Wilmington, Del.
Harris, F. T., architect, Redlands, Cal.
Harris Fire Apparatus Co., fire extinguisher & supps., 39 E. 19th, New York.
Harris, Franklin M., & Co., contractors, 1820 Wylie, Phila., Pa.
Harris, G. H., Co., poker sets, 61 Clymer, Brooklyn, N. Y.
Harris, Geo. D., contractor, Albion, N. Y.
Harris, Geo. W., Co., loom harness, Lowell, Mass.
Harris Granite Quarries Co., Salisbury, N. C.
Harris, H. E., Engng. Co., jigs & fixtures, tapping machs., hob grinding machs., multiple slide presses, offset drilling attachments, gauges of all descriptions & spec. machy., models, etc., 1047 Broad, Bridgeport, Conn.
Harris, H. P., cornices & skylights, Monticello, Ill.
Harris Hardware Co., Washington, N. C.
Harris & Harrington, English hall clock, 29 Park pl, New York.
Harris, Harvey E., architect, 20 Montgomery, San Francisco, Cal.
Harris, Herbert, lime mfr., Lime Rock, R. I.
Harris, Herman A., contr., 5001 Lexington av, N. E., Cleveland, Ohio.
Harris, I. H., lumber, Woodstock, Va.
Harris Ice Mach. Wks., Portland, Ore.
Harris Iron & Supply Co., Memphis, Tenn.
Harris, J., Co., gas stoves, Cleveland, Ohio.
Harris, J. P., canned goods, Preston, Md.
Harris, J. W., mill & facty. supplies, whol. hdwe., Americus, Ga.
Harris Knitting Mills, knitted gloves, Armat & Lena, Gtn., Philadelphia, Pa.
Harris, L., & Sons, plate glass, 177 Greenwich, New York.
Harris Laboratory, Inc., rubber tests, 26 Cortlandt, New York.
Harris, Leonard B., architect, 411 Walnut, Philadelphia, Pa.
Harris, M. R., masons' & bldrs.' matls., Ottawa, Kans.
Harris Machinery Co., Washington & University, S. E., Minneapolis, Minn.
Harris Mfg. Co., feed carriers, bowls, cattle stanchions, etc., Salem, Ohio.
Harris Mfg. Co., lumber, Johnson City, Tenn.
Harris Mfg. Co., machinists, Stockton, Cal.
Harris & Merritt, architects, Erie Co. Bk. Bldg., Buffalo, N. Y.
Harris, Morgan, contractor, Carnegie, Pa.
Harris Oil & Grease Wks., lubrg., Titusville, Pa.
Harris, P. E., & Co., canned goods, Seattle, Wash.
Harris, P. S., bank & office railings, Wheeling, W. Va.
Harris Player Piano Co., Binghamton, N. Y.
Harris Pump & Supply Co., water supply systems, 320 2d av, Pittsburgh, Pa.
Harris, R., traveling bags, 4824 S. Main, Los Angeles, Cal.
Harris, R. F., & Co., agricultural implements, Charlottesville, Va.
Harris, R. H., & Sons, carriages, Pulaski, Tenn.
Harris, Ralph C., architect, 79 W. Monroe, Chicago, Ill.
Harris & Reed, ball & roller bearing auto. hubs, bicycle parts & sundries, 1500 W. 15th, Chicago, Ill.
Harris & Richards, architects, Drexel Bldg., Philadelphia, Pa.
Harris, Robt. L., architect, 2027 Kennedy av, Baltimore, Md.
Harris, S. H., Co., archl. iron, 2424 W. 22nd, Chicago, Ill.
Harris Safety Co. (of Youngstown, O.), archl. iron, 39 E. 19th, New York.
Harris, Samuel, & Co., machsts., mill, facty. supplies & tools, 114 N. Clinton, Chicago, Ill.
Harris-Smith Coal & Coke Co., Uniontown, Pa.
Harris Soap Co., 18 Stetson, Buffalo, N. Y.
Harris, Sol. J., architect, 3 E. 42nd, New York.
Harris-Stevens Co., cages, cars, fans, etc., Pittsburgh, Pa.
Harris Trunk Mfg. Co., Portland, Ore.
Harris, W. E., architect, Portsmouth Bldg., Kansas City, Mo.
Harris, W. G., architect, Portsmouth Bldg., Kansas City, Mo.
Harris, W. H., lbr., East Sullivan, N. H.
Harris, W. S. & Co., fertilizer, Wilson, N. C.
Harris & Warner, fertilizer mfrs., Kellyton, Ala.
Harris-Wheaton Co., boot counters, 157 Pearl, Boston, Mass.
Harris, Wm. M., Jr., masons' & bldrs.' matls., 546 Atwells av, Providence, R. I.
Harris Wood Fibre Mantle Co., 1569 Columbus, N. W., Cleveland, Ohio.
Harrisburg Bag & Box Co., paper flour bags, Harrisburg, Pa.
Harrisburg Brass & Bronze Foundry, Harrisburg, Pa.
Harrisburg Burial Case Co., Harrisburg, Pa.
Harrisburg Foundry & Machine Co., engine builders, Harrisburg, Pa.
Harrisburg Hdwe. Co., whol. hdwe., Harrisburg, Pa.
Harrisburg Iron & Steel Co., scrap, Harrisburg, Pa.

Harrisburg Pipe & Pipe Bending Co., rolling mill, Harrisburg, Pa.
Harrisburg Roll Grinding & Corrugating Co., Harrisburg, Pa.
Harrisburg Stamping Co., Harrisburg, Pa.
Harrison, B. F., Mfg. Co., steamer chairs, Arkville, N. Y.
Harrison, B. J., Son Co., piano benches, Winsted, Conn.
Harrison Bros. & Co., chemicals, 35th & Grays Ferry av, Philadelphia, Pa.
Harrison Bros. & Co., carriages, Jersey, Ohio.
Harrison Bros. Co., sand & gravel dlrs., Tacoma, Wash.
Harrison Bros., Inc., abrasives, Amesburg, Mass.
Harrison Co., cardboard signs, Union City, Ind.
Harrison & Co., key cutting machs., 81 New, New York.
Harrison Constr. Co., Petersburg, Va.
Harrison & Craig Co., contractors, 23 Clinton, Newark, N. J.
Harrison & Curtis, masons' & bldrs.' matls., Newburgh, N. Y.
Harrison, D. A., carriages, Clarksville, Tenn.
Harrison & Dean, Inc., conts., Huntington, W. Va.
Harrison, D. L., canned goods, Brosius, W. Va.
Harrison, D. S., Woodwardsville, Md.
Harrison Dust Guard Co., Toledo, Ohio.
Harrison Elec. Co., Van Brunt, Brooklyn, N. Y.
Harrison Engineering & Constr. Corp., Morgan Bldg., Buffalo, N. Y.
Harrison Fertilizer Co., Harrison, Ga.
Harrison Fdry. & Mach. Co., Harrison, Ark.
Harrison Granite Co., 200 5th av, New York.
Harrison, H. H., & Co., engrs., employment agencies, Assn. Bldg., Chicago, Ill.
Harrison, Jas. S., & Co., wood handles, Addison, N. Y.
Harrison, John (Est. of), mill & facty. supplies, 169 South, New York.
Harrison, John F., cooperage stock, Bienville, La.
Harrison, Joseph D., architect, 52 Vanderbile av, New York.
Harrison, M. Joseph, architect, 63 Park Row, New York.
Harrison, M., & Son, cornices, 214 E. 52d, New York.
Harrison Machine Wks., Belleville, Ill.
Harrison Machine Works, Los Angeles, Cal.
Harrison Mfg. & Boiler Co., boilers, pipe, etc., Harrisburg, Pa.
Harrison Mfg. Co., machinists, Lockport, N. Y.
Harrison, Merritt, architect, Bd. of Trade Bldg., Indianapolis, Ind.
Harrison & Meyer, contrs., Oliver Bldg., Pittsburgh, Pa.
Harrison Planing Mill Co., Hastings, Neb.
Harrison, R. C., & Co., stone, 3d & Allegheny, Philadelphia, Pa.
Harrison, Robt., Co., auto. wood bodies, 330 W. 1st, So. Boston, Mass.
Harrison Safety Boiler Works, machsts. & fndrs., 3147 N. 17th, Philadelphia, Pa.
Harrison Sq. Fndry. Co., Boston, Mass.
Harrison Supply Co., abrasives, granite marble polishing machy., polishers' supps. & granite cutters' tools, 5 Dorchester av extension, Boston, Mass.
Harrison, T. P., contractor, Lincoln, Neb.
Harrison, W. H., Co., masons' & bldrs.' matls., Grand Island, Neb.
Harrison, W. R., & Co., agricultural implements, Massillon, Ohio.
Harrison, Walter H., landscape architect, La Mott, Pa.
Harrison Waterproof Materials Co., 30 Church, New York.
Harrison, Wm. H., brick, E. 49th, opp. Guy av, Cleveland, Ohio.
Harrison Works (Du Pont), chemicals, paints, varnishes, enamels, etc., 35th & Grays Ferry rd, Philadelphia, Pa.
Harrisonburg Milling Co., flour, Harrisonburg, Va.
Harris's, J. M., Sons, flour mills, Glen Easton, W. Va.
Harrman & Son, brick, Antwerp, Ohio.
Harrocks-Ibbotson Co., fishing rods, etc., Utica, N. Y.
Harrold Tool & Forge Co., Columbiana, Ohio.
Harrold, Wm. H., architect, Schenley Park, Pittsburgh, Pa.
Harron, Rickard & McCone, machinery & supplies & machsts.' tools, 139 Townsend, San Francisco, Cal.
Harroun, J. E., & Son, lumber mfrs., Watertown, N. Y.
Harroun Motors Corp., Hayne, Mich.
Harrow Spring Co., machsts., rolling mills, 1112 1st National Bk. Bldg., Milwaukee, Wis.
Harroway, M. W., masons' & bldrs.' matls., Richmondville, N. Y.
Harry Bros. Co., tanks, Dallas, Tex.
Harry Bros. Co., corrugated galvanized iron lawn rollers, Carr & I. C. R. R., New Orleans, La.
Harry Bros. Mfg. Co., dies & metal stamping, 282 E. Woodbridge, Detroit, Mich.
Harry, I. H., flour mills, Falls Mills, Va.
Harry, L. C., Co., bolts, spikes, etc., 1140 Liberty, New York.
Harry, O. K., Steel Wks., Dallas, Tex.
Harry, S. J., Co., contractors, Connellsville, Pa.
Harryman Bro., broom corn, Wichita, Kan.
Harryman, R. E., Mach. Co., Louisville, Ky.
Harsch, John Co., brass fndrs., Cleveland, Ohio.
Harsh-Miller Mfg. Co., hdwe. mfrs., Wabash, Ind.
Harsha, L. R., Mfg. Co., weather strips, mouldings, 2010 Carroll av, Chicago, Ill.
Harshaw, Fuller & Goodwin Co., chemical mfrs. & dealers, Cleveland, New York & Philadelphia.
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Harshbarger Milling Co., flour, Milton, W. Va.
Harshfield, Fred, canned goods, Shepherdsville, Ky.
Harshman, John F., & Sons, machsts. & founders, Saratoga, Ind.
Harstick Heating Co., Memphis, Tenn.
Harston, L. M., Co., mill & facty. supplies, North Windham, Conn.
Hart, B. F., Jr., & Co., water cooling towers & contractor, 50 Church, N. Y.
Hart & Bailey, contractors, 16th & Louden, Philadelphia, Pa.
Hart & Bro. Co., meat packers, Wilmington, Del.
Hart Bros., bldg. contrs., 36 Pacific, Lynn, Mass.
Hart Bros. Machine Co., Clarksburg, W. Va.
Hart Cedar & Lumber Co., Hart, Mich.
Hart, Chas., tex. machy., presses (cloth, rotary steam), Plum & Hedge, Philadelphia, Pa.
Hart, Chas. H., cornices, Aurora, Ill.
Hart & Co., brushes, commutator compounds, Fostoria, Ohio.
Hart & Cooley Co., wrought steel hot air registers, New Britain, Conn.
Hart & Crouse Co., furnaces, Utica, N. Y.
Hart, Donald P., architect, 3 W. 29th, New York.
Hart, Dow J., lock corner boxes, Marlboro, N. H.
Hart, E. W., architect, East Las Vegas, N. M.
Hart Edison Packing Co., 234 State, Boston, Mass.
Hart, Edward, contr., Norfolk, Va.
Hart & Fleet, lbr. mfrs., Albany, N. Y.
Hart Fndry. Co., Lawrence, Mass.
Hart Fndry. Co., Peoria, Ill.
Hart, Frank J. W., architect, Hot Springs, Ark.
Hart, Fdk., & Co., designers & makers special machy., 837 Main, Poughkeepsie, N. Y.
Hart Grain Weighter Co., Eaton, Water & Hancock, Peoria, Ill.
Hart, H. C., Implement Co., La Crosse, Wis.
Hart, H. C., Mfg. Co., die sinkers, letter openers, cutlery, etc., Unionville, Conn.
Hart & Hegeman Mfg. Co., junction boxes, clamps, machsts., etc., 342 Capitol av, Hartford, Conn.
Hart & Hutchinson Co., steel lockers & facty. equipment mfrs., New Britain, Conn.
Hart, I. S., sash, door & blind, Sayre, Pa.
Hart, Jas. A., Co., contractors, 256 B'way, New York.
Hart, Jas. J., Constr. Co., Yonkers, N. Y.
Hart, Jos. H., architect, Atlas Bank Bldg., Cincinnati, Ohio.
Hart, Jno. N., Lbr. Co., Portsmouth, Va.
Hart Lumber & Mfg. Co., Inc., spokes, handles & whipstock, Martinsville, Va.
Hart Mfg. Co., belt fasteners, St. Louis, Mo.
Hart Mfg. Co., desk mfrs., Findlay, Ohio.
Hart Mfg. Co., die stocks, Cleveland, Ohio.
Hart Mfg. Co., machsts. & fndrs., 352 Atlantic av, Boston, Mass.
Hart Mfg. Co. (The), "Diamond H" switches, mfrs., 230 Hamilton, Hartford, Conn. *See adv. index at end of book.*
Hart Mirror Plate Co., Grand Rapids, Mich.
Hart, P. A., contractor, 71 Lafayette av, New Brighton, N. Y.
Hart, P., & Sons, stone prod., 71 Lafayette av, New Brighton, N. Y.
Hart Packing Co., 144 High, Boston, Mass.
Hart & Page, mason's & bldrs.' matls., Rockford, Ill.
Hart-Parr Co., machsts. & fndrs., Charles City, Ia.
Hart, Patrick, scrap iron, Newburgh, N. Y.
Hart, Patrick J., cornices, Fitchburg, Mass.
Hart, R. A., machsts., Battle Creek, Mich.
Hart, R. E., architect, Stahlman Bldg., Nashville, Tenn.
Hart, S. W., & Son, masons' & bldrs.' matls. & contr., Minerva, Ohio.
Hart, Sanford P., architect, Carroll, Ia.
Hart Sash Holder Co., Lexington, Mo.
Hart & Schmidt, architects, 15 E. 40th, New York.
Hart, T. T., Paper Co., Albany, Ind.
Hart, Thos. H., Co., machsts. & fndrs., 364 Atlantic av, Boston, Mass.
Hart-Ward Hardware Co., Raleigh, N. C.
Hart, Wm., coffee roasters, 34 Catherine, New York.
Hartbauer, Dan'l, stone producers, 4109 Liberty av., Pittsburgh, Pa.
Harte, J. H., contractor, 1609 Webster, Omaha, Nebr.
Harter Co., lamp cord adjusters, Waukegan, Ill.
Harter Mfg. Co., fixture clusters, shade holders, 524 S. Clinton, Chicago, Ill.
Harter Milling Co., Toledo, Ohio.
Hartford Auto. Parts Co., Hartford, Conn.
Hartford Blower Co., shavings collecting systems, Hartford, Conn.
Hartford Board Co., Hartford, Conn.
Hartford Bros., machsts. & fndrs., 102 South, Boston, Mass.
Hartford Burial Case Co., Hartford, Conn.
Hartford Canning Co., Hartford, Wis.
Hartford City Paper Co., Hartford City, Ind.
Hartford City Salt Co., Hartford, W. Va.
Hartford Constr. Iron Wks., steel centering, Hartford, Conn.
Hartford Contractors' Supply Co., mill & facty. supps., Hartford, Conn.
Hartford Drop Forge Co., Hartford, Conn.
Hartford, Edw. V., auto. brakes, shock absorbers, 141 Morgan, Jersey City, N. J.
Hartford Elec. Nov. Co., 160 N. Wells, Chicago, Ill.
Hartford Engine Wks., mtlc. packing, Hartford, Conn.
Hartford Faience Co., archl. faience, Hartford, Conn.
Hartford Fertilizer Wks., Hartford, Ala.
Hartford & Hausler, architects, Pioneer Bldg., St. Paul, Minn.
Hartford Lbr. Co., Hartford, Conn.

Hartford Lumber Co., sash, door & blind, Hartford, Wis.
Hartford Machine Screw Co., Hartford, Conn.
Hartford Mattress Co., Hartford, Conn.
Hartford Mill Supply Co., Hartford, Conn.
Hartford Paper Co., Hartford, Conn.
Hartford Rubber Wks. Co., Hartford, Conn.
Hartford Special Machny. Co., dynamometers, Hartford, Conn.
Hartford Stained Glass Wks., Hartford, Conn.
Hartford Steam Boiler Inspection & Insurance Co., Hartford, Conn.
Hartford Sterling Co., table silverware, 46th nr 6th, Phila., Pa.
Hartford Time Switch Co., 71 Murray, New York.
Hartford Wire Wks., bed springs, Hartford, Conn.
Hartge, C. E., architect, Raleigh, N. C.
Hartig, Louis, masons' & bldrs.' matls., wholsale hdwe., 1001 7th, N. W., Washington, D. C.
Hartig Standard Gas Engine Co., machsts., 69 Commercial, Newark, N. J.
Hartig, W. F., Plow Co., Evansville, Ind.
Harting, S., contractor, 20 S. Johnson, Gtn., Philadelphia, Pa.
Hartje Paper Mfg. Co., 113 Wood, Pittsburgh, Pa.
Hartley Boiler Wks., Montgomery, Ala.
Hartley, C. J., Co., machsts., Peoria, Ill.
Hartley, Geo., brass, copper, broom & brush wire, Waterbury, Conn.
Hartley, John H., cornices, 3402 H., Philadelphia, Pa.
Hartley, Jno. J., Agency, contrs., Muncie, Ind.
Hartley, M., Co., rifles, guns, etc., 233 B'way, New York
Hartley-Rose Belting Co., 425 1st av, Pittsburgh, Pa.
Hartley Screw Products Co., 65 N. J. R. R. av, Newark, N. J.
Hartley Shingle Co., lumber, Everett, Wash.
Hartley, T., machst., 75 Delevan, Brooklyn, N. Y.
Hartley, W. H., Sons & Co., cornices & skylights, Cambridge, O.
Hartline Mill & Elevator Co., flour, Hartline, Wash.
Hartlove Packing Co., canned goods, 14 N. Schroeder, Baltimore, Md.
Hartman, Albert, architect, Dunmore, Pa.
Hartman Broom Co., Clay Center, Kans.
Hartman Bros., contractors, Williamsport, Pa.
Hartman Bros., Inc., importers, oil, hair, crude rubber, etc., 641 Atlantic av, Boston, Mass.
Hartman Bros., mattresses, Quincy, Ill.
Hartman Co., fndrs., 1231 N. Front, Philadelphia, Pa.
Hartman, E. F., Co., pads & tablets, Springfield, Ill.
Hartman Electrical Mfg. Co., circuit breakers & elec. specialties, Mansfield, Ohio.
Hartman-Franz Co., tin plate, metals, etc., Dayton, Ohio.
Hartman, G. W., Htg. Co., 12th & Oxford, Philadelphia, Pa.
Hartman-Greiling Co., tubular boilers, Green Bay, Wis.
Hartman, H., maps, 253 W. 42nd, New York.
Hartman, H. J., Fdry. Co., castings, Grand Rapids, Mich.
Hartman Hardware Co., McKeesport, Pa.
Hartman Ingot Metal Co., 2511 W. 21st, Chicago, Ill.
Hartman, J., architect, 765 Amsterdam av, New York.
Hartman, J. H. B., Co., machsts. & fndrs., Millheim, Pa.
Hartman, John H., & Bros., contractors, Williamsport, Pa.
Hartman, Julius, Esq., architect, Todd Bldg., Louisville, Ky.
Hartman-Malcolm Co., classic wood carvers, 847 N. Troy, Chicago, Ill.
Hartman Mfg. Co., agricultural implements, Vincennes, Ind.
Hartman, Robt., Co., cardboard signs, 409 Pearl, New York.
Hartman, Wm. T., cornices, Lyons, N. Y.
Hartmann, G., Contracting Co., Chemical Bldg., St. Louis, Mo.
Hartmann, Neubert Lumber Co., cedar shingles, Seattle, Wash.
Hartmann-Sanders Co., sash, door & blind mfrs., 2155 Elston av, Chicago, Ill.
Hartmann Trunk Co., Racine, Wis.
Hartnett, J. A., & Bro sash, door & blind mfrs., Dover, Del.
Hartnett, John J., Est., fndry., Albany, N. Y.
Hartnett, W. J., cornices, Easton, Md.
Harton, Pembroke D., Co., machsts. & fndrs., 15th & Fairmount av, Philadelphia, Pa.
Hartranft, Frank, fertilizer mfrs., Coatesville, Pa.
Hartranft, Wm. G., Co., masons' & bldrs.' matls., Real Estate Tr. Bldg., Philadelphia, Pa.
Hartsburg & Hawksley Co., sash, door & blind, North Aurora, Ill.
Hartsells Mach. Co., Hartsells, Ala.
Hartshorn, C. H., reed & rattan wks., children's carriages & rattan furniture, Gardner, Mass.
Hartshorn, F. E., lbr. mfrs., New Haven, Conn.
Hartshorn, Stewart Co., shade rollers, Newark, N. J.
Hartsig, Jacob, common brick, Warren, Mich.
Hartson, L. M., Co., tex. machy., supplies, etc., N. Windham, Conn.
Hartsville Fertz. Co., Hartsville, S. C.
Hartsville Milling Co., flour, Hartsville, Tenn.
Hartsville Oil Mill, meal, Hartsville, S. C.
Hartsville Supply Co., mill & facty. supplies, Hartsville, S. C.
Hartwell Bros., handles, wagon spokes, etc., Chicago Heights, Ill.
Hartwell, C. L., & Co., handles, poles, neck yokes, etc., Chicago Heights, Ill.
Hartwell, Henry W., architect, 147 Summer, Waltham, Mass.
Hartwell Iron Wks., Houston, Tex.
Hartwell Mills, cotton sheetings, Hartwell, Ga.
Hartwell, Richardson & Driver, architects, 27 State, Boston, Mass.
Hartwell, Walter A., bldg. contr., Fitchburg, Mass.
Hartwick, E. F., & Co., landscape archs., Ford Bldg., Detroit, Mich.
Hartwig, Harry F., contractor, 7403 J, Philadelphia, Pa.
Hartwig & Kemper, chair manfrs., Baltimore, Md.
Hartwig, Wm. J., Co., soldering flux, Detroit, Mich.
Harty Bros. & Harty Co., sash, door & blind mfrs., 2100 Loomis, Chicago, Ill.
Hartz, H. V., Co., machy., Cleveland, Ohio.
Hartzell & Collins, architects, New York Life Bldg., Minneapolis, Minn.
Hartzell, D. W., Inc., ship bldrs., Winslow, Ont., Can.
Hartzell, Geo. W., lumber mfrs., Dayton, Ohio.
Hartzell, Walnut Propeller Co., Pipua, Ohio.
Hartzfeld, Clarence, architect, 7 S. Dearborn, Chicago, Ill.
Harum, David, Canning Co., Homer, N. Y.
Harvard Co., dental chairs, Canton, Ohio.
Harvard Elec. Co., testing clamps & elec. cable hangers, 525 W. Van Buren, Chicago, Ill.
Harvard Knitting Mills, sweaters, cardigans, etc., 19 E. 24th, New York.
Harvard Piano Co., Dayton, Ky.
Harvard-Pioneer Motor Car Co., Troy, N. Y.
Harvard University School of Applied Science, engng school & coll., Cambridge, Mass.
Harvey, Arthur C., Co., steel & iron, 374 Congress, Boston, Mass.
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Harvey Brick & Tile Co., Harvey, Ia.
Harvey-Burden Const. Co., Chemical Bldg., St. Louis, Mo.
Harvey Chemical Co., metal polish & carbon removers, Lafayette, Ind.
Harvey Coal & Coke Co., Macdonald, W. Va.
Harvey Co., mill & facty. supplies, 113 South, Baltimore, Md.
Harvey Fibre Carpet Co., Trenton & Allegheny av, Phila., Pa.
Harvey Furnace Co., 337 W. 38th, New York.
Harvey, Geo. E., machst., Lewiston, Me.
Harvey, Geo. F., Jr., architect, Commonwealth Bldg., Denver, Colo.
Harvey, Geo. L., architect, 105 S. Dearborn, Chicago, Ill., & Port Huron, Mich.
Harvey, Geo. W., Co., contractors, 201 Devonshire, Boston, Mass.
Harvey & Harvey hickory handles Augusta Me
Harvey, John, Fuel & Feed Co., Leadville, Colo.
Harvey Mill Co., lumber, Etna, Wash.
Harvey Milling Co., feed, Harvey, N. D.
Harvey Motor Truck Wks., auto. bldrs., Harvey, Ill.
Harvey & Outerbridge, cod oil, 11 B'way, New York.
Harvey Paper Co., rope, Wellsburg, W. Va.
Harvey Spring & Forging Co., Racine, Wis.
Harvey & Viegler, architects, American Bk. Bldg., Seattle, Wash.
Harvey, W. A., elec. toys & auto. lamps, Scranton, Pa.
Harvey, W. T., Lumber Co., Columbus, Ga.
Harvey, W. W., & Son, machsts. & fndrs., Constantine, Mich.
Harvey & Watts, smoking pipes, 1822 E. Venange, Phila., Pa.
Harvey, Wm., mattresses, Norristown, Pa.
Harvey, Wm. A., contractor, New London, Conn.
Harvey, Wm. H., architect, Fiskdale, Mass.
Harvey's, A., Sons Mfg. Co., plumbers', steam fitters' & engineers', mill & facty. supplies, 1st & Woodbridge, Detroit, Mich.
Harveysburg Fertilizer Co., Harveysburg, Ohio.
Harvie, Harry R., architect, 408 9th, Brooklyn, N. Y.
Harward, C. F., canned goods, Halls, Tenn.
Harward Mfg. Co., piston rings, 3939 Magnolia av, St. Louis, Mo.
Harwi, A. J., Hardware Co., Atchison, Kans.
Harwood-Barley Mfg. Co., machsts. & fndrs., Marion, Ind.
Harwood Counter Co., Lynn, Mass.
Harwood, F. W., & Son, gold leaf, 7 Clay, Baltimore, Md.
Harwood, Geo. S., & Son, tex. machy., supplies, etc., 53 State, Boston, Mass.
Harwood, H., & Sons, base ball, Natick, Mass.
Harwood, L. A., machsts. & fndrs., Goshen, Ind.
Harwood & Moss, contractors, Newport News, Va.
Harwood & Quincy Mach. Co., Worcester, Mass.
Harwood & Son, contrs. tents, 175 W. B'way, New York.
Harwood, W. S., Lumber & Coal Co., Bloomington, Ill.
Harwood's, H. J., Sons, school furniture, 27 Haymarket sq, Boston, Mass.
Hasam Box Facty., packing, 621 N. Rochblave av, New Orleans, La.
Hasard, Wm., masons' & bldrs.' matls. & baling hay, Trumansburg, N. Y.
Hasbrouck-Bergen Co., elec. & gas light fixtures, 223 E. 38th, New York.
Hasbrouck, Chas. A., & Son, sash, door & blind mfrs., 863 3d av, New York.
Hasbrouck Flooring Co., 501 E. 70th, New York.
Hasbrouck, Garrett, contractor, Dobbs Ferry, N. Y.
Hasbrouck, J. J., & Co., buhr-stones buggies, New Paltz, N. Y.
Hascall Paint Co., W. 70th, Cleveland, Ohio.
Hase & Weiher, bldg. contrs., 2916 McKinley blvd, Milwaukee, Wis.
Hasecoster, J. A. architect, 2nd Nat. Bk. Bldg., Richmond, Ind.
Haselbarth, C. R., & Son, machsts., Elk Lick, Pa.
Haseltine, J. E., & Co., whol. hdwe., 88 Front, Portland, Ore.
Haserot, Francis H., Co., canned goods, Huron rd, S. E., Cleveland, Ohio.

Hasey Heating Co., 503 4th av, S., Minneapolis, Minn.
Haskard, John S., scrap iron, Plainfield, N. J.
Haskell & Barker Car. Co., Michigan City, Ind.
Haskell & Barnes, architects, 301 N. Charles, Baltimore, Md.
Haskell Bros., trunk mfrs., 165 N. Green, Chicago, Ill.
Haskell, C. S., pianos, 1520 Kater, Philadelphia, Pa.
Haskell Dawes Mach Co., cordage machy., 176 Federal, Boston, Mass.
Haskell, Fitch H., architect, 244 Madison av, New York.
Haskell, J. B., machst. & fndr., East Waterford, Me.
Haskell Quarry Co., Haskell, N. J.
Haskell, Wm. H., Mfg. Co., bolt, nut & rivet mfrs., Pawtucket, R. I.
Haskew Lumber Co., So. Pittsburgh, Tenn.
Haskin, Chas. A., contractor, Boston, Mass.
Haskin Glass Co., Martin's Ferry, Ohio.
Haskins Art Glass Co., Rochester, N. Y.
Haskins Bros. & Co., soap, Sioux City, Ia.
Haskins Glass Co., insulators, Wheeling, W. Va.
Haskins, J. L., Lumber Co., lumber manfrs., Maryland Casualty Bldg., Baltimore, Md.
Haskins, L. M., isinglass, 131 State, Boston, Mass.
Haskins, R. G., flexible shafts, portable grinders, 547 Washinton blvd., Chicago, Ill.
Haskins, Wm., & Son, lumber, 110 State, Boston, Mass.
Haslam Lime & Chemical Co., Scranton, Pa.
Haslehurt, W. W., machinery, 2122 Folsom, San Francisco, Cal.
Haslet, Flanagan & Co., tinware mfrs., 116 N. 2d, Phila., Pa.
Haslett Spiral Chute Co., special chutes & beet & roller conveyor systems, Westmoreland & 23d, Phila., Pa.
See adv. index at end of book.
Hasley, Geo., & Sons, soap, 1540 East, Pittsburgh, Pa.
Hass & Anderson, hardware, St. Paul, Minn.
Hass Bros., quicksilver, 61 Broadway, New York.
Hass, Hy., & Son, hdwe. mfrs., 1909 Pk. av, New York.
Hass, Jonah, contractor, Johnstown, N. Y.
Hassall, John, (Inc.), nails, screws, rivets & escutcheon pins mfrs:, Clay & Oakland, Brooklyn, N. Y.
See adv. index at end of book.
Hasselbarth, C. O., spring beds & mattresses, Albany, N. Y.
Hasselbarth-Whiton Co., bedsteads & woven-wire mattresses, Utica, N. Y.
Hasselfeldt, Chas., & Co., contrs., La Porte, Ind.
Hassell, C., contractor, Burlington, Ia.
Hassell Iron Wks. Co., Colorado Springs, Colo.
Hasselman, Francis G., architect, 56 W. 45th, New York.
Hasselman, Fredk. R., architect, 10 R. R. pl, East Orange, N. J.
Hassenbruch, Herman, Co., wholesale hdwe., 8 N. 5th, Phila., Pa.
Hasseries, Carl, grass catchers, B'way & E. 55th, Cleveland, O.
Hassler, Fred'k, archl. iron, 2 Sullivan, Brooklyn, N. Y.
Hassler, S. R., flour, Rocky Face, Ga.
Hasson, Holt & Nance, whol, hdwe., Morristown, Tenn.
Hastings, A. J., Co., saw mfrs., 41 Commercial, Newark, N. J.
Hastings, A. W., & Co., sash, door & blind, 134 Friend, Boston, Mass.
Hastings Cabinet Co., Hastings, Neb.
Hastings Canning Co., Hastings, Neb.
Hastings Casket Mfg. Co., Hastings, Minn.
Hastings & Co., gold leaf, 819 Filbert, Philadelphia, Pa.
Hastings Cut Stone Co., Main c. 7th av, S. E., Minneapolis, Minn.
Hastings Equity Grain Bin Mfg. Co., chutes, portable houses, Hastings, Neb.
Hastings, F. L., architect, Hastings-on-Hudson, N. Y.
Hastings Foundry & Iron Works, Hastings, Neb.
Hastings Industrial Co., refrigeration engrs., 326 W. Madison, Chicago, Ill.
Hastings, J. M., Lumber Co., 541 Wood, Pittsburgh, Pa.
Hastings, J. W., & Son, flour mills, Big Sandy, Tenn.
Hastings, M. E., cornices, New York Mills, N. Y.
Hastings & Morrison, stone producers, 1510 Washington av, Philadelphia, Pa.
Hastings Packing Co., Laurel, Del.
Hastings Pavement Co., 25 Broad, New York.
Hastings, Samuel A., architect, Farmers' Tr. Bldg., Indianapolis, Ind.
Hastings Sporting Goods Wks., Hastings, Mich.
Hastings, T. Mitchell, Shadycroft, Haverford, Pa.
Hastings, Thomas, architect, 52 Vanderbilt av, New York.
Hastings, W. S., & Sons, fertilizer mfrs., Atglen, Pa.
Hastings, W. W., architect, Everett, Wash.
Hastings Wool Boot Co., Hastings, Mich.
Hasty, J. F., & Sons, box shooks, 21st & Standish, Detroit, Mich.
Hasty, John A., architect, 46 Cornhill, Boston, Mass.
Haswell Steel Range & Furnace Co., Circleville, Ohio.
Hatch & Bailey Co., masons' & bldrs.' matl., S. Norwalk, Conn.
Hatch & Barnes Co., sash, door & blind mfrs., Worcester, Mass.
Hatch, E. W., metallic packing, 14 L., Boston, Mass.
Hatch, E. W., & Son, corn brooms, Union City, Pa.
Hatch, Edw. G., architect, 11218 Hopkins av, Cleveland, Ohio.
Hatch, Edwin G., wire connectors, 120 Broadway, New York.
Hatch, F. E., machsts., 74 Greene, New York.
Hatch Hdwe. Co., cornices, Union City, Pa.
Hatch, Hugh, brick, Camden, N. J.
Hatch, J. E., masons' & bldrs.' matls., Garrettsville, O.
Hatch, John D., architect, Humboldt Bk. bldg., San Francisco, Cal.
Hatch, Southmayd, naval architect, Ft. Fordham, New York.
Hatch, Wm. W., architect, 251 Broadway, Troy, N. Y.
Hatch's, W. W., & Son's Co., contractors, Goshen, Ind.
Hatfield Coal Co., masons' & bldrs.' matls., Middletown, Ohio.
Hatfield & Scott, steam fitters' supplies, Troy, Ohio.
Hathaway, H. W., architect, 6 Beacon, Boston, Mass.
Hathaway, O. H., Co., roll coverers, Central Falls, R. I.
Hatheway Mfg. Co., machsts., Bridgeport, Conn.
Hatheway & Reynolds, sweaters, cardigans, etc., Oriskany Falls, N. Y.
Hathorne, A. C., Co., cornices, Burlington, Vt.
Hattaway & Co., turpentine, Bluffton, Ga.
Hatten, I. E., Lumber Co., csks, door & blinds, Springfield, Mo.
Hatten Lumber Co., New London, Wis.
Hatten, Owen, brick, Fisher's la & 9th, Philadelphia, Pa.
Hatter, T. A., & Son, lumber mfr., Creola, Ala.
Hatteroth, Wm., surgical instruments, 228 Powell, San Francisco, Cal.
Hattersley, A., & Sons, fndrs., Ft. Wayne, Ind.
Hattersley Constr. Co., Spitzer Bldg., Toledo, O.
Hattiesburg Wood Reduction Co., turpentine, Hattiesburg, Miss.
Hatton & Co., architects, 1314 G, N. W., Washington, D. C.
Hatton, Ed. T., contractor, Kokomo, Ind.
Hatton, Horace T., architect, Cutler Bldg., Rochester, N. Y.
Hatzell & Buehler, contractors, 373 4th av, New York.
Haubtman & Loeb Co., Ltd., mill & facty. supplies, 717 Magazine, New Orleans, La.
Hauck, A. B., stone producers, Lebanon, Pa.
Hauck Bros., wholesale hardware, Mechanicsburg, Pa.
Hauck, Chas. F., & Co., cornices, Springfield, Ohio.
Hauck Mfg. Co., furnaces (crucible, etc.), 101 11th, Brooklyn, N. Y.
Hauck, Michael, cornices, 1351 Walnut, Cincinnati, Ohio.
Hauck, Wm. J., tools, 306 South West blvd, Kansas City, Mo.
Haucke, Geo., Co., wholesale hardware, Springfield, Ohio.
Hauenstein, Alfred G., Lbr. Co., 3050 Main, Buffalo, N. Y.
Hauenstein & Co., linseed oil & cake mills, 39 Vincennes, Buffalo, N. Y.
Hauer, J. B., panel board cabinets, 23 Richardson, Brooklyn, N. Y.
Hauer & Mowere, architects, 3110 Columbia av, Philadelphia, & Lebanon, Pa.
Haugaard, Henry E., architect, Hillside Bk. Bldg., Richmond Hill, N. Y.
Haugh, J. G., & Co., baling presses, Bassom, Ohio.
Haugh, T. M., tubular boilers, Mannington, W. Va.
Haughton Elev. & Mach. Co., 679 Spencer, Toledo, Ohio.
Haumerson, F. H., & Sons, brick, Racine, Wis.
Haupt Constr. Co., 307 W. 8th, Los Angeles, Cal.
Haupt & Swerdloff, contractors, 5th & Locust, Philadelphia, Pa.
Hauptman, A., cup strainers, 23 Leonard, New York.
Hauptmann, Wm., arch'l iron, 410 E. 104th, New York.
Haury Hardware Co., 470 Broadway, Cleveland, O.
Hausburg, E. O., watchman's clocks, 45 Maiden la, New York.
Hauschildt & Ekins, leather belting, 222 Center, New York.
Hausen Const. Co., Caswell blk., Milwaukee, Wis.
Hausen & Yorke Co., h'dwe, whol., 88 Warren, New York.
Hauser Bros. Fdry. Co., 1859 E. 28th, Minneapolis, Minn.
Hauser, Edgar F., architect, 9 Clinton, Newark, N. J.
Hauser, John, architect, 358 W. 125th, New York.
Hauser, John, stone prod., 2333 Ridge av, Philadelphia, Pa.
Hauser Lumber Co., Franklin, Minn.
Hauser-Owen-Ames Co., contractors, Grand Rapids, Mich.
Hauser Packing Co., 2300 E. 9th, Los Angeles, Cal.
Hauser Shade Cloth Co., Chicago Heights, Ill.
Hauser-Stander Tank Co., wood tanks, Cincinnati, Ohio.
Hauser & Weil, advtg. nov., 142 5th av, New York.
Hausfeld Co., burners, furnaces & fdry. equipt., Harrison, Ohio.
Hausle, Frank, architect, 81 E. 125th, New York.
Hausleiter, Julius, & Co., glass stainers, 298 Fulton, Brooklyn, N. Y.
Hausling, F. M., waterproofing materials, 9 Orchard, Newark, N. J.
Hausman, Nicholas N., architect, Glen Cove, Long Island City, N. Y.
Hausman & Wimmer Co., scrap iron & steel & rubber, 111 2d av, Pittsburgh, Pa.
Hausmann & Dunn Co., surgical & dental instruments, 708 S. Clark, Chicago, Ill.
Hausmann, Geo., & Sons, meat packers, 51st & Westminster av, Philadelphia, Pa.
Hausmann Mfg. Co., binder attachments, Long Prairie, Minn.
Hausmann, Otto, & Co., organs, 1208 Kinnickinnic, Milwaukee, Wis.
Haut, Gustave, brick, Perham, Minn.
Hauthaway, C. L., & Sons, polishes, 346 Congress, Boston, Mass.
Havana Mfg. Co., mchsts. & fdrs., Havana, Ill.
Havana Metal Wheel Co., Havana, Ill.
Havard, O. D., Co., coal meters, Scranton, Pa.
Havell Mfg. Co., hdwe. mfrs., 284 Washington, Newark, N. J.
Haven, H. M., & Crosby, Wm. W., architects, 40 Central, Boston, Mass.
Haven & Hoyt, architects, 220 Devonshire, Boston, Mass.
Haven Malleable Castings Co., Cincinnati, Ohio.
Haven Mfg. Co., floor scrapers, Racine, Wis.

Haven, R. H., & Son, copper wire, Bridge & Front, Grand Rapids, Mich.
Havens Bros. Mfg. & Supply Co., machsts., Denver, Colo.
Havens, Fred A., & Co., contractors, 845 N. 19th, Phila., Pa.
Havens, Harold A., cable grips, Syracuse, N. Y.
Havens Oil Co., Washington, N. C.
Haverford Coll., engng. school & coll., Haverford, Pa.
Haverhill Box Board Co., Haverhill, Mass.
Haverhill Construction Co., Haverhill, Mass.
Haverhill Fire Appliance Co., Haverhill, Mass.
Haverhill Tack Co., Haverhill, Mass.
Haverhill Wood Heel Co., Haverhill, Mass.
Haverly Bros., lumber mfrs., Gallupville, N. Y.
Haverstick, Albert, & Son, paper bags, 11 S. Lititia, Phila., Pa.
Haverstick & Co., mill, factory and steam fitters' supplies, 66 Rochester, N. Y.
Haverstick Construction Co., Noblesville, Ind.
Haviland Clay Works, Haviland, O.
Haviland, L. P., canned goods, Camden, N. Y.
Haviland Shade Roller Co., 407 Broome, New York.
Haw Creek Turpentine Co., Dupont, Fla.
Haw Hardware Co., Ottumwa, Ia.
Hawaii Preserving Co., Ltd., canned goods, Honolulu, Hawaii.
Hawaiian Commercial & Sugar Co., Alaska Commercial Bldg., San Francisco, Cal.
Hawaiian Fertilizer Co., 244 California, San Francisco, Cal.
Hawaiian Fertz Co., bone meal, Honolulu, Hawaii.
Hawaiian Islands Packing Co., Ltd., Wahiawa, Hawaii.
Hawaiian Pineapple Co., canned, Honolulu, Hawaii.
Hawbolt, Chas. H., sheet metal doors, Portland, Me.
Hawes & Dodd, mosaic floor, mantels, 59 E. Adams, Chicago, Ill.
Hawes, E. A., Jr., lumber, Atkinson, N. C.
Hawes, Edwin Co., heating contr., 726 Main, Worcester, Mass.
Hawes, Henry F., architect, Urban Bldg., Louisville, Ky.
Hawes, J., Mfg. Co., toys, games & nov., Towanda, Pa.
Hawes, R. H., Const. Co., Witherspoon Bldg., Philadelphia, Pa.
Hawes, S. H., & Co., masons' & builders' materials, 1801 E. Cary, Richmond, Va.
Hawes, Willard, & Co., lumber, Lewis & 7th, New York.
Hawesville Hub Mfg. Co., Hawesville, Ky.
Hawgood Tire Equipment Co., rubber vulcanizers, Indianapolis, Ind.
Hawk, A. J., Sons, cooperage stock, Rockford, O.
Hawk, Co., architects, 150 N. Rayan av, Youngstown, Ohio.
Hawk-Eye Compound Co., bailer compounds, 357 W 63d, Chicago, & 140th & Seeley av, Blue Island, Ill.
Hawk, J. W., architect, Security Bldg., Oklahoma City, Okla.
Hawk, O. E., & Co., architects, 522 Williamson av, Youngstown, Ohio.
Hawk, Otis E., & Co., contractors, Youngstown, Ohio.
Hawken-Wollgast Co., metal parts, 184 Beaubien, Detroit, Mich.
Hawker, W. S., Mfg. Co., wood working machy., portable, 458 E. Bacon, Dayton, Ohio.
Hawkes Boiler Co., 140 S. Dearborn, Chicago, Ill.
Hawkes, E. M., granite, Rochester, N. H.
Hawkes-Jackson Co., thumb tacks, 38 Murray, New York.
Hawkes, L. W., & Co., mattresses, Lowell, Mass.
Hawkes, T. G., & Co., glass tumblers, Corning, N. Y.
Hawkeye Adtg. Co., spec., Clarinda, Ia.
Hawkeye Carriage & Auto Co., Cedar Rapids, Ia.
Hawkeye Condensed Milk Co., canned, Brighton, Ia.
Hawkeye Fdry Co., machsts & fdrs., Waterloo, Ia.
Hawkeye Lumber & Coal Co., masons' & bldrs.' matls., Cedal Rapids, Ia.
Hawkeye Lumber Co., Oskaloosa, Ia.
Hawkeye Mach. & Brass Wks., Des Moines, Ia.
Hawkeye Mfg. Co., machy., Waterloo, Ia.
Hawkeye Mfg. & Repair Co., automobiles, Sioux City, Ia.
Hawkeye Oil Co., Waterloo, Ia.
Hawkeye Pearl Button Co., Muscatine, Ia.
Hawkeye Portland Cement Co., Des Moines, Ia.
Hawkeye Pump Co., poultry coops, Farfield, Ia.
Hawkeye Supply Co., plumbers' supplies, jobbers, Mason City, Ia.
Hawkeye Wrench Co., Marshalltown, Ia.
Hawkins, Alfred W., & Son, glass stainers, 1823 S. 19th, Philadelphia, Pa.
Hawkins & Barnett Mach. Co., Trinidad, Colo.
Hawkins Bros., cornices, Elgin, Ill.
Hawkins Co., tacks, animal traps, South Britain, Conn.
Hawkins, Geo. A., sash, door & blind mfrs., 367 Fulton, B'klyn, N. Y.
Hawkins, H. J., machsts. & fndrs., Downers Grove, Ill.
Hawkins Hardware Co., Hattiesburg, Miss.
Hawkins, J. H. W., architect, 28 Stockton, Jacksonville, Fla.
Hawkins, O. J., architect, Newark, Ohio.
Hawkins, Rollyn, hot air furnaces, Indianapolis, Ind.
Hawkins, Wilson Co., machsts., 712 Sansom, Philadelphia, Pa.
Hawkinson, Carl N., architect, 332 S. Michigan av, Chicago, Ill.
Hawkridge Bros., Co., steel merchants, 303 Congress, Boston, Mass.
Hawks Hardware Co., Goshen, Ind.
Hawks-Maupin Co., masons' & bldrs.' matls., Portsmouth, Va.
Hawksbill Cannery, Luray, Va.
Hawley & Cheadle Construction Co., Clinton, Ia.
Hawley Down Draft Furnace Co., Easton, Pa.
Hawley, E. J. & C. H., machsts. & fndrs. & stone working machy., Manchester, Vt.
Hawley Glass Co., bottles, glass, Hawley, Pa.
Hawley Hardware Co., Bridgeport, Conn.
Hawley, Hughson, arch'l water colorists, 1 Union sq, New York.
Hawley, John F., contractor, Hostetter Bldg., Pittsburgh, Pa.
Hawley Mfg. Co., cork pullers, Stepney, Conn.
Hawley Produce & Storage Co., masons' & bldrs.' matls., Perry, N. Y.
Hawley Pulp & Paper Co., Oregon City, Ore.
Hawley School of Engng., Boston, Mass.
Hawley, W. O., contractor, Savannah, Ga.
Haws, A. & J., & Sons (Ltd.), brick, saddle sleeves, etc., Johnstown, Pa.
Haws, Dan'l B., glue mfrs., 30 N. 5th, Philadelphia, Pa.
Haws, Geo. A., lubrg. oils, 135 Front, New York.
Haws, Harvey, architect, Ardmore, Pa.
Haws, Samuel R., & Sons, contractors, Ardmore, Pa.
Haws, Wm., pckg. box mfrs., 154 9th, Brooklyn, N. Y.
Hawthorn Pottery Co., Hawthorn, Pa.
Hawthorn, W. S., masons' & bldrs.' matls., Dayton, O.
Hawthorne Hardware Co., Elgin, Ill.
Hawthorne, Lewis Co., .sash, door & blind mfrs., New Haven, Conn.
Hawthorne Mfg. Co., elec. lamp flashlights & machsts., Spruce & Howard, Bridgeport, Conn.
Hawthorne Paper Co., Kalamazoo, Mich.
Haxby & Gillespie, architects, Fargo, N. D.
Haxby, Robt. Van Loan, architect, 4441 Colfax av, S., Minneapolis, Minn.
Hay, Alex., architect, 127 Carondelet, New Orleans, La.
Hay-Budden Mfg. Co., anvils, forgings, rings, etc., 254 N. Henry, Brooklyn, N. Y.
Hay Fndry. & Iron Wks., Plum Point la, Newark, N. J.
Hay Hdwe. Co., Oskosh, Wis.
Hay, Houston Axle Co., Coshocton, Ohio.
Hay, Jas. P., Lbr. Co., Murray, Ky.
Hay, John, granite prod., Hardwick, Vt.
Hay Lbr. Co., Spring Grove av & June, Cincinnati, Ohio.
Hay, Mark, architect, Annawan, Ill.
Hay & Peabody Casket Co., Portland, Me.
Hay, Thos., & Sons Co., contractors, Racine, Wis.
Hay Tool Mfg. Co., alfalfa stackers, Council Bluffs, Iowa.
Hay Trade Journal Publishing Co., Canajoharie, N. Y.
Hay, Wm. A., contractor, Orange, N. J.
Hayde, S. J., Const. Co., contrs., Cliff dr & Woodland av, Kansas City, Mo.
Hayden, A. W., contractor, Albuquerque, N. M.
Hayden Automatic Block Mach. Co., Columbus, Ohio.
Hayden Bros., lbr., Hollis, N. H.
Hayden Co., interior hardwood work, 450 Park av, New York.
Hayden-Corbett Chain Co., Columbus, Ohio, branch at Huntingdon, W. Va. *See adv index at end of book.*
Hayden & Derby Mfg. Co., heaters, injectors, etc., 119 W. 40th, New York.
Hayden, E. W., Co., polishing mops & furniture polish, Toledo, O.
Hayden, G. W., brass castings, Cambridge, Mass.
Hayden Hardware Co., Windsor, Mo.
Hayden, J. M., Co., mill & facty. supplies, Grand Rapids, Mich.
Hayden, L. S., machsts. & fndrs., Essex, Conn.
Hayden Mach. Co., Alton, Ill.
Hayden, P., Saddlery Hdwe. Co., machsts. & fndrs., Long & Scioto, Columbus, Ohio.
Hayden, Samuel H., shoe patterns, Haverhill, Mass.
Hayden, W. B., & Sons Co., masons' & bldrs.' matls., Cassopolis, Mich.
Hayden & Westcott Lbr. Co., 80 E. Jackson blvd., Chicago, Ill.
Hayden, Wm., Milling Co., wheat flour, Tecumseh, Mich.
Haydenville Button Co., Haydenville, Mass.
Haydenville Co., cocks, faucets, pumps, valves, etc., machsts. & fndrs., Haydenville, Mass.
Haydon, A. & M., bolts, 304 N. 22d, Philadelphia, Pa.
Hayek, Andrew A., architect, Edgewater, N. J.
Hayes, A. L., Co., lumber, Nashville, Tenn.
Hayes, A. W., masons' & bldrs.' matls., Joliet, Ill.
Hayes Bros., Inc., steam htg. contrs., Indianapolis, Ind.
Hayes, C. H., Corporation, packing box, Haverhill, Mass.
Hayes, C. I., elec. ovens, 9 King av, Providence, R. I.
Hayes, Chas. A., architect, Terminal Sta., Mobile, Ala.
Hayes Constr. Co., Dunkirk, Ind.
Hayes-Defenderfer Co., truck units, 1876 B'way, New York.
Hayes Duster Co., 5 W. 4th, New York.
Hayes, E. B., Machy. Corp., Oshkosh, Wis.
Hayes, E. L. S., bldg. contr., 1019 Chestnut, St. Louis, Mo.
Hayes, F. H., canned goods, Dexter, Me.
Hayes File Co., 474 Franklin, Detroit, Mich.
Hayes, Geo., Co., cornices, metal lath, 311 E. 23d, New York.
Hayes-Ionia Co., auto. metal bodies, Ionia, Mich.
Hayes, J. L., & Co., masons' & bldrs.' matls., Lewiston, Me.
Hayes, John, heating contr., 806 N. 14th, St. Louis, Mo.
Hayes, Jos. A., escutcheons, 284 Devonshire, Boston, Mass.
Hayes Loom, Reed & Harness Co., Woonsocket, R. I.
Hayes-Lucas Lbr. Co., Winona, Minn.
Hayes & McFerrin, flour mills, Readyville, Tenn.
Hayes Mfg. Co., fenders, forgings, mufflers, auto, Detroit, Mich.
Hayes Mfg. Co., range boilers, Paterson, N. J.
Hayes & Miller Co., auto. wood bodies, 518 W. 57th, New York.
Hayes, Norman B., contractor, Watertown, N. Y.
Hayes, Paul J., architect, Austin, Minn.
Hayes Pump & Planter Co., Galva, Ill.

Hayes, R. L. & M. H., carriages, 203 E. Town, Columbus, & Cleveland, Ohio.
Hayes Run Fire Brick Co., Orviston, Pa.
Hayes Track Appliance Co., machsts., Richmond, Ind.
Hayes Wheel Co., Jackson, Mich.
Hayes, Wm. W., contractors, 180 Jessie, San Francisco, Cal.
Hayman, Jos. C., masons' & bldrs.' matls., Racine, Ohio.
Hayman, Mich'l, & Co., tin, spelter, ingots, etc., Buffalo, N. Y.
Hayman & Stegkamper, contractors, 3250 Euclid av, Cleveland, Ohio.
Haymond & Howard, contractors, Waldron, Ind.
Hayner, Geo. M., paper twine, 541 W. 56th, New York.
Hayner, J. M., & Co., canned goods, South Lebanon, Ohio.
Hayner, Norman C., Co., boiler compounds, Rochester, N. Y.
Haynes, A. F., architect, Watertown, Mass.
Haynes Auto. Co., Kokomo, Ind.
Haynes Bros. Co., sashes, doors & blinds, Cadillac, Mich.
Haynes & Chalmers Co., whol. hdwe., Bangor, Me.
Haynes, Chas., architect, Mehlhorn Bldg., Seattle, Wash.
Haynes & Co., numbering machs., steel stamps, etc., 75 Westminster, Providence, R. I.
Haynes Construction Co., 42 Court, Boston, Mass.
Haynes, Geo. E., architect, Miller Bldg., Pittsfield, Mass.
Haynes Hardware Co., Emporia, Kans.
Haynes, L., architect, 83 Fairfield av, Bridgeport, Conn.
Haynes-Langenberg Mfg. Co., htg. contrs., 4045-57 Forest Park blvd, St. Louis, Mo.
Haynes Lumber Co., Port Huron, Mich.
Haynes Mach. Co., Vanburen, Ind.
Haynes Mattress Factory, Sealy, Tex.
Haynes Stellite Co., stellite, Kokomo, Ind.
Haynes-Thompson Co., plumbers' supplies, jobbers, 2107 Vine, Philadelphia, Pa.
Hays, Alden F., masons' & bldrs.' matls., Sewickley, Pa.
Hays, E. F., & Sons, whol. hdwe., Chicora, Pa.
Hays, Frank A., architect, Weightman Bldg., Phila., Pa.
Hays, G. W., & Son, cornices, Washington, Pa.
Hays, Geo. W., ladders, 228 5th, Milwaukee, Wis.
Hays & Hoadley, architects, 2010 B'way, New York.
Hays, J. T., & Son, acetylene gas generators, Emmetsburg, Md.
Hays, L., harness, Wichita, Kans.
Hays Mfg. Co., brass & iron products for plumbing, gas, water & steam, Erie, Pa.
Hays & Murdaugh, turpentine, Hays, Fla.
Hays, N. R., turpentine, Apalachicola, Fla.
Hays, O. G., lumber, Kell, Ill.
Hay's, Sam'l W., Sons, machy. dlrs., Keeman Bldg., Pittsb'h, Pa.
Hays, Wm. C., architect, First Nat. Bk. Bldg., San Fran., Cal.
Haysler Iron Co., whol. hdwe., 1206 Union, Kansas City, Mo.
Haysler Mfg. Co., machsts., Clinton, Mo.
Hayslip & Dear, lumber, Alexandria, La.
Hayssen Mfg. Co., bakers' machy., Sheboygan, Wis.
Hayt, S. T. (Est. of), flour mills, Corning, N. Y.
Hayton Pump Co., machsts. & fndrs., Quincy, Ill.
Hayward Co. (The), digging, ditching, dredging & excavating machinery, etc., 50 Church, New York.
See adv index at end of book.
Hayward, G. B., starch mfrs., Ashland, Me.
Hayward, S. F., & Co., fire extinguishers, mine rescue app., etc., 250 W. 54th, New York.
Hayward Wrench Co., St. Louis, Mo.
Haywood Implement Co., Indianapolis, Ind.
Haywood Tire & Equipment Co., machsts., Indianapolis, Ind.
Haywood, Wm. T., architect, Mt. Gilead, N. C.
Hazard Lead Wks., paint mfrs., Hazardville, Conn.
Hazard Mfg. Co., insulated wires & cables, Wilkes-Barre, Pa
Hazel Atlas Glass Co., Conservative Life Bldg., Wheeling, W. Va.
Hazel Brick & Tile Co., Hazel, Ky.
Hazel Dell Slate Co., roofing slate mfrs., Slatington, Pa.
Hazel Hill Canning Co., Fredericksburg, Va.
Hazel Mill Co., lbr. mfrs., Bellingham, Wash.
Hazell, A. M., dock bldrs., 26 Cortlandt, New York.
Hazen-Brown Co., metal polish, 727 Atlantic av, Boston, Mass.
Hazen-Brown Co., rubber goods, Brockton, Mass.
Hazen, H. C., Contr. Co., 2070 Reading rd., Cincinnati, Ohio.
Hazen Mfg. Co., machsts. & fndrs., Hudson, Mich.
Hazen, Wyane S., agricultural implements, Ripon, Wis.
Hazledine, E. T., Co., machsts., Terre Haute, Ind.
Hazlehurst Lbr. Co., Hazlehurst, Miss.
Hazlehurst Mach. Shop, Hazlehurst, Miss.
Hazlehurst Oil Mill & Fertilizer Co., Hazlehurst, Miss.
Hazleton Hardware Co., Hazleton, Pa.
Hazleton Iron Wks. Co., machsts. & fndrs., Hazleton, Pa.
Hazleton Machy. & Supply Co., contractors' tools & supplies, Hazleton, Pa.
Hazleton Mfg. Co., coffins, Hazleton, Pa.
Hazleton Steam Htg. Co., Hazleton, Pa.
Hazlett, Hugh, & Son, contractors, 1701 N. 20th, Phila., Pa.
Hazlett, Wm. C., architect, 1133 B'way, New York.
Hazzard, Elliott W., architect, 437 5th av, New York.
H. & B. Amer. Mach. Co., cotton machy., Pawtucket, R. I.
H. B. Cement Co., Louisville, Ky.
H. C. Tack Co., Cleveland, Ohio.
Heaby, Wm., architect, 288 Hawthorne av, Yonkers, N. Y.
Heacock & Hokanson, architects, Bailey Bldg., Philadelphia, Pa.
Head Lumber Co., Prescott, Ariz.
Head, W. F., & Son, lbr., Hookset, N. H.
Headfort Bros. & Hitchins Fdry. Co., Waterloo, Ia.
Headland Fertilizer Works, Headland, Ala.
Headley & Adams, sash, door & blind mfrs., Ocean City, N. J.
Headley & Farmer Co., trav. bags & suit cases, Harrison, N. J.
Headley Good Roads Co., 301 S. 30th, Philadelphia, Pa.
Headley, L. Leslie, architect, Guarantee Trust Bldg., Atlantic City, N. J.
Headley, Samuel H., contractor, Atlantic City, N. J.
Headlund & Kent, architects, Dooly Bldg., Salt Lake City, Utah.
Headman, Aug. G., architect, New Call Bldg., San Fran., Cal.
Headrick, F. E., common brick, Bellingham, Wash.
Heald, Addison & Son, planes, tools, Milford, N. H.
Heald, Jno. H., & Co., tanning & bark extracts, Lynchburg, Va.
Heald Machine Co., surface internal cylinder & ring grinders, magnetic chucks, Worcester, Mass.
Heald's School of Engineering, 130 Union sq, San Francisco.
Heale, J. A. & Co., typewriter ribbons, oils, rubber stamp inks, etc., 96 John, New York.
Healey & Co., stor. battery trucks & carriages, 1652-58 Broadway, New York.
Healey, J. H., contractor, Pawtucket, R. I.
Healey, Peter, fndrs., Evansville, Ind.
Health Hog Oiler Co., Kenton, Ohio.
Health Merry-Go-Round Co., carousels, organs, etc., Quincy, Ill.
Healy, Geo., machst., 11 Alling, Newark, N. J
Healy, Henry J., architect, 320 5th av, New York.
Healy, John E. & Son, 707 Tatnall, Wilmington, Del.
Healy, Michael, boilers, Toledo, Ohio.
Healy-Tibbitts Constr. Co., 9 Main, San Francisco, Cal.
Healy, Wm. F., contractor, 82 W. Washington, Chicago, Ill.
Healy's, S. A., Sons, wood handles, West Chesterfield, Mass.
Heames, W. E. & Co., masons' & bldrs.' matls., Detroit, Mich.
Heaney Mfg. Co., metal polish, 164 State, Boston, Mass.
Heaney, Nicholas L., stone producers, Point Pleasant, Pa.
Heaney, P. J. Co., masons' & bldrs'. malts, West Farms rd & 172d, New York.
Heap, Thos., masons' & bldrs.' matls., Urbana, Ohio.
Heap, Wm., & Sons, plumbers' woodwork, Grand Haven, Mich.
Heaphy, Wm. A., masons' & bldrs'. matls., Lee, Mass.
Heaps, Clarence E., contractor, Moline, Ill.
Heaps, S. Leroy, architect, Kewanee, Ill.
Heard Bros., fertilizer, Macon, Ga.
Heard & Cardwell, architects, Peoples Nat'l Bk. Bldg., Lynchburg, Va.
Heard, Cardwell & Craighill, architects, Danville, Va.
Heard Co. Oil & Fertilizer Co., Franklin, Ga.
Heard, J. P., & Sons Co., fertilizer, Vienna, Ga.
Heard Lumber Co., Savannah, Ga.
Hearn, J. C., mach. wks., 38 W. Swan, Columbus, Ohio.
Hearn, John J., Constr. Co., 65 W. 46th, New York.
Hearne Bros. & Co., coffins, Whitakers, N. C.
Hearne, Robt. J., perforating machs., 12 Wooster, New York.
Hearne Timber Co., Times Bldg., St. Louis, Mo.
Hearsch-Wesson Mfg. Co., lbr., Flint, Mich.
Hearsey-Willis Co., automobile accessories (jobbers), 339 N. Capitol, Indianapolis, Ind.
Heartick, E. G., cornices, 915 E. B'way, Louisville, Ky.
Heartley Machine, Variety, Iron & Tool Wks., 960 Summit, Toledo, Ohio.
Heat & Power Corp., heating contractors, 30 Light, Baltimore, Md.
Heath Chemical Co., fertilizer mfrs., Yonkers, N. Y.
Heath & Cove, architects, Nat'l Realty Bldg., Tacoma, Wash.
Heath, Edmund F., & Son, rubber & enamel carriage cloth, 225 Warren, Newark, N. J.
Heath, F. L., feed & flour mills, Corry, Pa.
Heath, Geo. W., & Co., fountain pen mfrs., 208 1st, Newark.
Heath-Johnson Co., ornamental iron workers, 300 W. Ontario, Chicago, Ill.
Heath & Milligan Mfg. Co., mfrs. paints & waterproofing matls., 1833 Seward, Chicago, Ill.
Heath, Robt., machst, Binghamton, N. Y.
Heath Samuel Co., masons' & bldrs.' matls., Trenton, N. J.
Heath Siren Mfg. Co., elec'l horns, San Francisco, Cal.
Heath Stove & Heating Co., 207 Park av, Baltimore, Md.
Heath Unit Tile Co., fireproof hollow tile, National Realty Bldg., Tacoma, Wash.
Heath, W. A., Mach. Co., Lestershire, N. Y.
Heath, Wm. G., & Co., heating contrs., 60 Friendship, Providence, R. I.
Heathcock-Rush Mach. Co., Jackson, Tenn.
Heathcote, John, & Son, 212 Eddy, Providence, R. I.
Heathcote, S. E., & Co., flannels, blankets, woolens, Glen Rock, Pa.
Heather, R., Co., elec. & gas light fixtures, 19 W. 36th, New York.
Heatherman, Patrick, stone producer, Urbana, O.
Heating Engineers' Supp. Co., gas heating boilers, Germania Savings Bk. Bldg., Pittsburgh, Pa.
Hgt. & Ventg. Magazine, 1123 B'way, New York.
Heaton, Arthur B., architect, Wilkins Bldg., Washington, D. C.
Heaton, Butler & Bayne (Ltd.), glass stainers, 437 5th av, New York.
Heaton & Ellison, contractors, 1818 4th av, S. Minneapolis, Minn.
Heaton, J. M., common brick, Manchester, Ill.
Heaton, Jno., architect, Xenia, Ohio.

Heaton Mfg. Co., shoe buttons, 77 Cromwell, Providence, R. I.
Heaton Peninsular Button Fastener Co., 65 Shirley, Boston.
Heaton & Senft, harness, saddles, etc., Waco, Ga.
Heaton & Vierling, trunk mfrs., 21 W. 3d, New York.
Heaton & Wood, parquet floors, weather strips, etc., 1802 Chestnut, Philadelphia, Pa.
Heatwole, J. S., & Co., architects, Harrisonburg, Va.
Heavner, Frank R., contractor, Norristown, Pa.
Heavner, R. A., architect, Jackson, Tenn.
Heavy Hardware Co., Toledo, Ohio.
Hebard, Chas., & Sons, lumber, Pequaming, Mich.
Hebard-Cypress Co., lbr. mfrs., Scranton, Pa.
Hebb, Geo. A., machsts., 70 William, Newark, N. J.
Hebbard & Wenz, archl. iron, 240 N. 10th, Brooklyn, N. Y.
Hebbard, Will Sterling, architect, Grant Bldg., San Diego, Cal.
Hebendahl, J. P., Co., clamps & insulators, Elizabeth, N. J.
Hebert Mfg. Co., piston rings, Franklin, N. H.
Hebing, Henry, & Sons, who. hdwe., 107 North, Rochester, N. Y.
Hebrew Tech. Inst., engng. schools & coll., 34 Stuyvesant, New York.
Hebron Fire & Pressed Brick Co., Hebron, N. Dak.
Hebron Mfg. Co., cotton sheetings, 21 S. Main, Providence, R. I.
Hechler, V., Packing & Commission Co., meat packers, Richmond, Va.
Hecht, Albert S., architect, 154 W. Randolph, Chicago, Ill.
Hecht, Jere M., brass fndr., 320 W. Grand av, Chicago, Ill.
Heck, A. B., canned goods, Buchanan, Va.
Heck, G. J., machst., St. Paul, Minn.
Heck Motor Car Co., Hamilton, Ohio.
Heck, Wm., harness, saddles, California, Mo.
Heckard, M., & Sons, common brick, Canton, Ill.
Heckart, W. O., contractor, Eugene, Ore.
Heckenhauer, C. F., carriages, Muncie, Ind.
Heckenlively, J. L., architect, Landers Bldg., St. Louis, Mo.
Hecker Cereal Co., 40 Corlears, New York.
Hecker-Jones-Jewell Milling Co., farina, 40 Corlears, New York.
Heckert, Sidney F., architect, Bessemer Bldg., Pittsburgh, Pa.
Heckethorn, W. N., machsts, Washington, Iowa.
Heckla Iron Works, posts, Brooklyn, N. Y.
Heckler, Chas. J., contractor, 3001 N. Craskey, Phila., Pa.
Heckler, Leidy B., contractor, Ambler, Pa.
Heckman & Co., soap, Covington, Ky.
Heckman, H. R., & Co., architects, 1604 Mineral Springs rd, Reading, Pa.
Hecla Iron Works, ornamental iron & bronze, bank fixtures, etc., 118 N. 11th, Brooklyn, N. Y.
Hedason Mfg. Co., screw mach. products, spring motors, etc., 28 Whitney av, New Haven, Conn.
Hedden Constr. Co., 52 Vanderbilt av, New York.
Hedden, E. J., contractor, 14 S. Broad, Philadelphia, Pa.
Hedden Iron Const., steel constr., W. Elizabeth, N. J.
Heddles Lumber Co., Madison, Wis.
Heddon, Jas., & Son, fishing rods, Dowagiac, Mich.
Hedenberg, Chas. L., machinist, Madison, Ga.
Heddenberg, James W., maps, 40 N. Dearborn, Chicago, Ill.
Hedgecock Brick Co., Walnut Cove, N. C.
Hedgecock, R. W., brick, Winston-Salem, N. C.
Hedges-Atkins Supply Co., plumbers' supplies, Denver, Colo.
Hedges & Bro., brass fndrs., 10 R. R. pl., Newark, N. J.
Hedges, C. E., mach. & fdr., Lincoln, Neb.
Hedges Construction Co., Springfield, Mo.
Hedges, Geo. L., contractors, 330 Norton, New Haven, Conn.
Hedges, Sam'l P., machsts, Greenport, N. Y.
Hedman, Axel S., architect, 106 E. 19th, New York, & 371 Fulton, Brooklyn, N. Y.
Hedman Mfg. Co., check protectors, 227 W. Erie, Chicago, Ill.
Hedrick, W. C., Constr. Co., Dallas, Tex.
Heebner, Geo. K., contractor, 1231 Vine, Philadelphia, Pa.
Heebner & Sons, agricultural implements, Lansdale, Pa.
Heekin Can Co., 6th, New & Culvert, Cincinnati, Ohio.
Heer Bros., htg. contrs., 218 W. Fayette, Baltimore, Md.
Heer Engine Co., Portsmouth, Ohio.
Heer, Frid. J., Jr., architect, 235 8th, Dubuque, Ia.
Heer, L. L., machsts & fndrs., North Yakima, Wash.
Heeroy Mach. & Battery Wks., 918 W. 43d, Chicago, Ill.
Heers, C. A., architect, New Ulm, Minn.
Hees, MacFarlane Co., window shade mfrs., 957 Hubbard, Detroit, Mich.
Heeson Bros. Co., agricultural implements, Tecumseh, Mich.
Heeter, C. M., Sons & Co., machinists, Butler, Pa.
Heffelfinger Co., masons' & bldrs.' matls., Hampton, Va.
Hefferman Engine Wks., Seattle, Wash.
Heffernan, Jas. P., Paper Co., 25 Water, New York.
Heffernan & Mattanovich, architects, Hewes Bldg., San Francisco, Cal.
Heffly Inst., engng. schools & coll., Brooklyn, N. Y.
Heffner, Dietrich & Co., masons' & bldrs'. matls., Kutztown, Pa.
Heffner Lbr. & Coal Co., Elwood, Ind.
Heffron Trenching Co., sewer excavating machs., Cleveland, O.
Heflin, E. G., contractor, Fredericksburg, Va.
Hefman, John, Co., office wardrobes, Rochester, N. Y.
Hefner & Maysills, machsts. & brass fndrs., Grafton, W. Va.
Hefner, O. V., cornices & skylights, Bluefield, W. Va.
Hegan Co., wood mantels, Louisville, Ky.
Hege & Co., masons' & bldrs.' matls., Columbus, Ind.
Hegeler Zinc Co., Danville, Ill.
Hegener, Rudolph, Co., sash, door & blinds mfrs., 9246 Harbor av, Chicago, Ill.
Hegewald, Chas., Co., mchsts & fdrs., New Albany, Ind.
Heggie, Jas. G., & Sons, cylinders, ladles, tanks, etc., Joliet, Ill.
Heggie, Wm., steel plate wks., Joliet, Ill.
Heginbottom, S. H., & Sons, locomotive bell ringers, Saginaw, Mich.
Hegner Const. Co., contrs., Appleton, Wis.
Hehle, B., malt milling system, Gerke Bldg., Cincinnati, Ohio.
Hehnke, O. J., architect, Scottsbluff, Nebr.
Heibel, P., & Sons, packing box mfrs., 1452 S. 2d., St. Louis.
Heidbreder Bros. & Co., plate glass, Quincy, Ill.
Heidbreder & Weiss, contrs., Quincy, Ill.
Heide, A. F., architect, Russ Bldg., San Francisco, Cal.
Heidecker Brick Co., Brecon, Ohio.
Heidelbach Lumber Co., sash, doors, blinds, Danville, Va.
Heidelberg & Levy, architects, 345 5th av, New York.
Heidelberg, Max G., architect, 15 W. 38th, New York.
Heidelmeier Art Glass Wks., 4613 N. Clark, Chicago, Ill.
Heidemann Lbr. Co., masons' & bldrs.' matls., Quincy, Ill.
Heidenkamp Plate Glass Co., Springdale, Pa.
Heider Mfg. Co., engines, Carroll, Ia.
Heidig, Jno. B., stone producers, Lancaster, Pa.
Heidinger, Frank, machsts, Fairfield, Ill.
Heidrich, Chas. A., architect, 11 Woodlawn av., Albany, N. Y., & 423 State, Schenectady, N. Y.
Heidt, C., & Son, cooperage stock, 64 Fairmount, Jersey City, N. J.
Heidt, W., Cornice Works, 152 1st, San Francisco, Cal.
Heierman, Frank, & Bro., machs. & fdrs., Austin, Tex.
Heights Plumbing Supply Co., 495 W. 145th, New York.
Heikes, E. K., flannels, woolens, York Springs, Pa.
Heil Co., steel tanks, 26th & Montana, Milwaukee, Wis.
Heil, Henry, Chemical Co., chemicals, St. Louis, Mo.
Heil, John C., cornices, 1204 N. Gay, Baltimore, Md.
Heil Packing Co., meat, 2216 La Salle, St. Louis, Mo.
Heil, Valentine, contractor, Lima, O.
Heiland, Geo. W., mercury testing columns, 107 W. 13th, New York.
Heilbron, Fred. A., cornices & skylights, San Diego, Cal.
Heilman Boiler Works, steel tanks & stacks, Allentown, Pa.
Heilman Machine Wks., Evansville, Ind.
Heim Cement Products Co., brick, North Liberty, Ind.
Heim, John & Son, brick, Dubuque, Iowa.
Heim, L. J., & Co., tin plate, Park Bldg., Pittsburgh, Pa.
Heim Mach. Co., Danbury, Conn.
Heim, R. F., architect, Bartlett Trust Co., Bldg., St. Joseph, Mo.
Heiman & Schwartz, architects, 212 Stockton, San Francisco, Cal.
Heimann, Morris A., Mfg. Co., window fixtures, 1122 Washington av, St. Louis, Mo.
Heimbach Lbr. Co., Duluth, Minn.
Heimbach Rubber Heel Co., Duluth, Minn.
Heimburger, G. U., architect, Merchants-Laclede Bldg., St. Louis, Mo.
Heimerdinger, W. C., safety razors & shears, Louisville, Ky.
Heimlich, John, stone prod., LeRoy, N. Y.
Hein Furniture Co., Toledo, Ohio
Hein, John, Co., lumber, Tony, Wis.
Heine (The) Chimney Co., 123 W. Madison, Chicago, Ill.
Heine & Co., oils, 7 Platt, New York.
Heine, Jno. F., & Son, cornices & skylights, Hooper, Neb.
Heine Safety Boiler Co., 5319 E. Marcus av, St. Louis, Mo.
Heinecke Bros. Co., contractors, Lumbermen's Bldg., Portland, Ore.
Heineke & Co., agric. implement mfrs., Springfield, Ill.
Heineman, Arthur S., architect, San Fernando Bldg., Los Angeles, Cal.
Heineman, O., Co., silk thread, 2701 Armitage av, Chicago, Ill.
Heineman, Otto, Phonograph Supp. Co., Inc., 25 W. 25th, New York.
Heinemann Chemical Co., wood alcohol, Olean, N. Y.
Heinemann, Geo., fuse blocks, clamps, switches, etc., 500 W. Girard av, Philadelphia, Pa.
Heinemann, Louis, & Son, machsts, 1801 Belmont av, Chicago, Ill.
Heinfeldt Mfg. Co., sashes, doors, blinds, New Berlin, Ohio.
Heinhart, Jno., & Son, stone producers, Massillon, Ohio.
Heinicke, H. R., Inc., chimneys, 147 4th av, New York.
Heinigke & Smith, glass mosaic wks., 24 E. 13th, New York.
Heinisch, Geo. H., brick, Portsmouth, Ohio.
Heinisch's, R., Sons' Wks., snips, Newark, N. J.
Heinke, Chas. A., contractor, 160 W. Sharpnack Gtn., Phila., Pa.
Heinlein, Fred'k., architect, 311½ S. Spring, Los Angeles, Cal.
Heinlein, John, Cut Stone Co., 555 President, Brooklyn, N. Y.
Heinman, John, contractor, St. Cloud, Minn.
Heinman & Stern, meat packers, 1040 McAllister, San Francisco, Cal.
Heinn Co., loose leaf devices, 354 Florida, Milwaukee, Wis.
Heinrich Technical Laboratories, testing, Tacoma, Wash.
Heins, Alex., Belting Co., 2441 Harrison, San Francisco, Cal.
Heins, Daniel, mach. & fdr., Carrollton, Mo.
Heins, W. F., mach. & fdr., Carrollton, Mo.
Heins, Wm. R., & Co., contractors, 1713 Moravian, Phila, Pa.
Heintz, W. H., cornices, New Rochelle, N. Y.
Heintzelman-Earle-Wickeren Co., machinists, Los Angeles, Cal.
Heinz, C., Stove Co., 100 N. 2d., St. Louis, Mo.

Heinz, H. J., Co., canned goods, Pittsburgh, Pa.
Heinz, Lorenz H., architect, 128 N. LaSalle, Chicago, Ill.
Heinz & Munschauer, bird & animal cages; refrigerators, etc., Buffalo, N. Y.
Heinze Elec. Co., Lowell, Mass.
Heinze, John O., Co., automobile engine starters & lighting systems, Springfield, Ohio
Heinzelman Bros. Carriage Co., Belleville, Ill.
Heinzkill, John, Soap, Appleton, Wis.
Heinzmann, G. W., & Son, contractors, Lemcke Bldg., Indianapolis, Ind.
Heipershausen Bros., marine & tubular boilers, 72 Mangin, New York.
Heise & Bruns Mill & Lbr. Co., 600 S. Caroline, Baltimore, Md.
Heise, Wm. F., Mfg. Co., mail boxes, 355 Union pk. ct., Chicago, Ill.
Heisel, C. (Est. of), feed, flour, Plattsmouth, Neb.
Heiser, H. J., & Co., who. hdwe., Mahanoy City, Pa.
Heiser, J. B., handles (hammer), Atwater, Ohio.
Heiser, Jno., & Son, masons' & bldrs.' matls., Sidney, Ohio.
Heiser, Wm., Sons Co., machsts., Buffalo, N. Y.
Heisey, A. H., & Co., glassware, Newark, Ohio.
Heiskell, Jas. M., R. R. ties, Galveston, Tex.
Heisler, Frank, contractor, Sikeston, Mo.
Heisler Locomotive Wks., Erie, Pa.
Heissler Storage Battery Co., 1436 S. Michigan av, Chicago, Ill.
Heist, Harry H., contractor, 65th & Limekiln pk., Phila., Pa.
Heitger, Julius, brick common, Bedford, Ind.
Heitland Grate & Mantel Co., fireplace heaters, heat deflectors, 120½ W. 5th, Quincy, Ill.
Heitmann, F. W., Co., mill & facty. supplies, who. hdwe., Houston, Tex.
Heitmann Lbr. Co., cash, door & blind mfrs., 5852 S. Ashland av, Chicago, Ill.
Heitz, Louis R., mach. & fdr., Muscatine, Ia.
Hektograph Mfg. & Dup. Co., 46 Murray, New York.
Helander Fixture Mfg. Co., 2412 Milwaukee av, Chicago, Ill.
Helb, Edw., levels, Railroad, Pa.
Helbock, C., contractor, 633 Wales av, New York.
Helbostad, H. K., architect, Kellogg, Idaho.
Held, A., ivory nuts, crude rubber, 11 William, New York.
Held, Albert, architect, Realty Bldg., Spokane, Wash.
Helder, Arthur H., landscape arch., Kansas City, Mo.
Helderberg Cement Co., Albany, N. Y.
Heldmyer Hardware Co., Elyria, Ohio.
Helena Hardware Co., Helena, Mont.
Helena Job Wks., cornices & skylights, Helena, Ark.
Helena Tin & Plumbing Co., Helena, Ark.
Helfensteller, Hirsch & Watson, architects, Chemical Bldg., St. Louis, Mo.
Helfrich Lbr. & Mfg. Co., Evansville, Ind.
Helfrich, N. J., & Co., masons' & bldrs.' matls., Carthage, Ill.
Helfrich Pottery Co., Evansville, Ind.
Helgason Bros., contractors, Vicksburg, Miss.
Helgerson Bros., Iron Wks., Green Bay, Wis.
Helick Chauncey G., architect, 1910 Spring Garden, Phila., Pa.
Hell Gate Sheet Metal Wks., 236 E. 95th, New York.
Hellenberg, J. B., Co., turned wood novelties, Coldwater, Mich
Hellenic Chemical & Color Co., Inc., 429 W. 13th, New York.
Heller-Aller Co., agricultural implements & machsts, Napoleon, Ohio.
Heller, B., & Co., writing inks, 3925 Calumet av, Chicago, Ill.
Heller & Brightly, mfrs. engineering & surveying instruments, 1122 Spring Garden, Philadelphia, Pa.
Heller Bros., Co., contractors, Logan av, Youngstown, Ohio.
Heller Bros. Co., iron rolling mills, files & rasps, 879 Mt. Prospect av, Newark, N. J.
Heller, C. B., elec. fix. mfrs., 622 Arch, Philadelphia, Pa.
Heller, C., Sons, sashes, doors & blinds, 49 Cambridge av, Jersey City, N. J.
Heller, H. F., architect, Fond du Lac, Wis.
Heller, Jno. M., contractor, South Orange, N. J.
Heller, Jos. S., potash, ammoniates, phosphate rock, etc., 62 William, New York.
Heller & Merz Co., color mfrs., 503 Hudson, New York.
Heller, S., machsts, 250 Milwaukee, Wis.
Heller, Sam'l, trunk mfrs., 315 N. 2d, Philadelphia, Pa.
Heller Tool Co., blacksmiths', 245 Verona av, Newark, N. J.
Heller, W. C., & Co., hardware, shelf boxes, Montpelier, Ohio.
Hellman Bros., brick, Tiffin, Ohio.
Hellman Lumber & Mfg. Co., Covington, Ky.
Hellmer, M., sweaters, cardigans, etc., 311 Poplar, Phila., Pa.
Hellmer, R. M., lumber, Dossman, La.
Hellminger Bros., mchsts. & fdrs., Adell, Wis.
Hellmuth, Chas., printing inks, 154 W. 18th, New York.
Hellmuth & Hellmuth, architects, Chemical Bldg., St. Louis, Mo.
Hellogg Switchboard & Supply Co., 1066 W. Adams, Chicago, Ill.
Hellos Mfg. Co., storage batteries, lamps, etc., Garden av bridge, Philadelphia, Pa.
Hellrung & Grim House Furnishing Co., mattresses, 906 Washington av, St. Louis, Mo.
Helm Brick Machine Co., Traverse City, Mich.
Helm, S. D., Mfg. Co., fountains, stock, Crawfordsville, Ind.
Helm, Wm. E., architect, Corona, N. Y.
Helman, D. L., lumber mfrs., Warren, Ohio.
Helmbacher Forge & Rolling Mills Co., crankshafts, Syndicate Trust Bldg., St. Louis, Mo.
Helmbold, Fritz, meat packers, Troy, N. Y.
Helme & McIlhenny, machsts, 1339 Cherry, Philadelphia, Pa.
Helmer, Robert, architect, 235 5th av, New York.
Helmerich, W. H., & Co., glass stainers, 719 Fulton, Chicago, Ill.
Helmera, Jno. G., architect, 814 Union, West Hoboken, N. J.
Helmick Fdry. & Machine Co., Fairmont, W. Va.
Helming, Wm., brick, Ferdinand, Ind.
Helmle & Corbett, architects, 190 Montague, Brooklyn, N. Y.
Helmle, Geo. H., architects, Ferguson Bldg., Springfield, Ill.
Helmold, J. F., & Bro., machsts., 1462 Hamburg, Chicago, Ill.
Helmrich, Geo., cornices, New Rochelle, N. Y.
Helms Butler Co., bldg. contrs., Portland, Me.
Helm's, D. D., Sons, meat packers, Camden, N. J.
Helms, Edward F., architect, 5th av & California, San Francisco, Cal.
Helms, F. W., contractor, Summit, N. J.
Helmus, Gabriel, silk tassels, 142 Greene, New York.
Helper Bros., scrap iron, Bay City, Mich.
Helrich, Otto A., architect, Everett, Mass.
Helson, Richard, contractor, 121 Columbia W., Detroit, Mich.
Heltzel Steel Form & Iron Co. (The), Warren, Ohio.
See adv index at end of book.
Helvetia Milk Condensing Co., canners, Highland, Ill.
Helvetia Silk Mill, velvets, Paterson, N. J.
Helwig Mfg. Co., pneumatic tools & labor-saving devices, St. Paul, Minn.
Helwig, Wm., & Co., badges & buttons, Cincinnati, Ohio.
Hely, Edw., stone, crushed, Cape Girardeau, Mo.
Heman Constr. Co., Title Guarantee Trust Bldg., St. Louis, Mo.
Hemenway Furniture Co., Alexandria, La.
Hemeon Bros., contractors, Somerville, Boston, Mass.
Hemet Canning Co., Hemet, Cal.
Hemingray Glass Co., Covington, Ky.
Hemingway Bros., brooms, Stockton, Cal.
Hemingway & Co., color mfrs., Bound Brook, N. J.
Hemingway, Frank, Inc., chemicals, 115 Broadway, New York.
Hemingway, H. C., & Co., canned goods, Syracuse, N. Y.
Hemingway, H. F., & Co., canned goods, Orleans & Bradford, Baltimore, Md.
Hemingway Mach. Co., Lynn, Mass.
Heminway & Bartlett Silk Co., silk thread, Watertown, Conn.
Hemlock Mfrs., lumber, Oshkosh, Wis.
Hemme, Charles, architect, DeSoto, Mo.
Hemmer, Michael, contractor, 215 Sunset av, Syracuse, N. Y.
Hemmerdinger, John H., & Son, razor strops, Vandervoort av, Brooklyn, N. Y.
Hemmerdinger, L., & Co., paints, bronze powders, 438 E. 123d, New York.
Hemmerle, Frank J., cornices, Sandusky, Ohio.
Hemmi-Nygren Mfg. Co., lumber, Everson, Wash.
Hemming Bros. Co., automatic grinding & polishing machinery mfrs., New Haven, Conn.
Hemming Mfg. Co., insulators, battery covers, etc., Garfield, N. J.
Hemmings, E. C., architect, 1203 J, Sacramento, Cal.
Hemmler, A. H., architect, 524 S. Spring, Los Angeles, Cal.
Hemp, C. E., draughting room equipment, Hamilton, Ohio.
Hemp & Co., stoves, army canteens, etc., Vandeventer, nr. Shaw, St. Louis, Mo.
Hempel, Max, cornices, 3016 E. 91st, Chicago, Ill.
Hempelman & Hector, machsts, 120 Longworth, Cincinnati, O.
Hempfield Foundry, Greensburg, Pa.
Hemphill Mfg. Co., knitting machy, Central Falls, R. I.
Hemphreys, E. C., Co., mill & facty. supplies, 445 Howard, Detroit, Mich.
Hemple, C. H., & Bro., contractors, Braddock, Pa.
Hempstead, John, second-hand barrels, Waterford, N. Y.
Hemsher Metal Co., brass fudrs., 18-28 Rapelyea, Brooklyn, N. Y.
Hemsing & Son, sash, door & blind, Sonderton, Pa.
Hemstreet, W. F., architect, Woolworth Bldg., New York.
Henbeck, Geo. F., Jr., heating contr., 128 N. Fremont av, Baltimore, Md.
Hench & Dromgold Co., agricultural implement mfrs., York, Pa.
Hendee, C. C., Co., brushes, 48 7th, Milwaukee, Wis.
Hendee-Connor Co., mill & facty. supplies, 60 Pearl, Buffalo.
Hendee Mfg. Co., machsts, Springfield, Mass.
Henderer, E., & Co., machsts, Wilmington, Del.
Henderer, Earl M., architect, Atlantic City, N. J.
Henderer's, A. L., Sons, pumps & punching machines, Wilmington, Del.
Henderich, F. A., architect, St. Augustine, Fla.
Henderson, A. P., roof brackets, Assinippi, Mass.
Henderson, Alex., contractor, 305 W. 21st, New York.
Henderson-Ames Co., machsts. & fdrs., Kalamazoo, Mich.
Henderson & Baird Hardware Co., Greenwood, Miss.
Henderson & Bro. Co., Ltd., contractors, S. 25th, below Spruce. Phila, Pa.
Henderson Bros., automobile bldrs., N. Cambridge, Mass.
Henderson Bros., carriages & automobiles, Cambridge, Mass.
Henderson Bros., glass stainers, 317 E. 64th, New York.
Henderson Bros., contractors, Coshocton, Ohio.
Henderson Bros., machsts, Waterbury, Conn.
Henderson Bros., tumbling barrels, 133 S. Leonard, Waterbury, Conn.
Henderson Buggy Mfg. Co., Henderson, N. C.
Henderson, C. A., architect, Coffeyville, Kan.

Henderson, C. C., Machine Co., Greenville, Ala.
Henderson Canning Co., Aberdeen, Md.
Henderson Cotton Mills, Henderson, Ky., & Henderson, N. C.
Henderson Cotton Oil & Gin Co., meal, Henderson, Tex.
Henderson, Edwin, contractor, Port Washington, N. Y.
Henderson Elec. Co., portable benches, Ampere, N. J.
Henderson, Frank, hot air furnaces, Troy, N. Y.
Henderson, F. R. & Co., crude rubber, 82 Beaver, New York.
Henderson Iron Works, Mobile, Ala.
Henderson, J. G., sheet metal stamping, 12 Perry, Buffalo, N. Y.
Henderson, J. H., contractors, 908 O'Farrell, San Francisco, Cal.
Henderson, James G., stone, Ft. Worth, Tex.
Henderson, John T., contractor, 139 Beltzhoover, Pittsburgh, Pa.
Henderson & Johnson, paints, Gloucester, Mass.
Henderson Lumber Co., Ocilla, Ga.
Henderson Lumber Co., ties, poles & posts, 316 4th av, Pittsburgh, Pa.
Henderson, M. E., architect, Knoxville, Tenn.
Henderson Machine Co., 5032 Germantown av, Phila, Pa
Henderson Mfg. Co., carriages, Henderson, Ky.
Henderson Molpus Co., fertilizer mfrs., Philadelphia, Miss.
Henderson Motor Cycle Co., 1158 Cass av, Detroit, Mich.
Henderson, P. J., heating contr., 171 Foster, Worcester, Mass.
Henderson, Peter, & Co., fertilizer mfrs., 35 Cortlandt, New York.
Henderson Roller Mills Co., Monroe, N. C.
Henderson Rubber Co., rubber compound mfrs., Baltimore, Md.
Henderson & Son, machsts. & fndrs., Watseka, Ill.
Henderson, Mrs. W. C., flour mills, Worry, N. C.
Henderson, W. D., contractors, Hearst Bldg., San Fran., Cal.
Henderson, W. K., Iron Wks. & Supply Co., steam fitters' supplies, Shreveport, La.
Henderson Wagon Wks., dumping wagons, Henderson, Ky.
Henderson, Walter P., architect, 144 Congress, Boston, Mass.
Henderson-Willis Welding & Cutting Co., 2305 N. 11th, St. Louis, Mo.
Hendey Machine Co., engine lathes, milling machines, shapers & cautering machine mfrs., Torrington, Conn.
Hendley, Jas. W., htg. contrs., Corcoran Bldg., Washington, D. C.
Hendley & Whittemore Co., wood-working machy., Beloit, Wis.
Hendrick Mfg. Co., cars, screens, steel tanks, etc., Carbondale, Pa.
Hendricks Brick Co., East Kingston, N. Y.
Hendricks Bros., copper bolts, rivets, rods, etc., 49 Cliff, New York.
Hendricks & Class, wholesale hdwe., 30 Church, New York.
Hendricks, G. C., architect, Winston-Salem, N. C.
Hendricks, Martz Bros., Co., mirrors & glass shelves, Shelby & Larned, Detroit, Mich.
Hendricks-Moore-Young Co., masons' & bldrs.' matls., Lexington, Ky.
Hendricks & Weatherall, cornices & skylights, Memphis, Tenn.
Hendricks, Wm. M., machist. & fndr., Watervalley, Miss.
Hendrickson & Dilatush, fertilizer mfrs., Robbinsville, N. J.
Hendrickson, E. D., machts. & fndrs., Demorest, Ga.
Hendrickson, Edward E., architect, 925 Chestnut, Phila., Pa.
Hendrickson Lumber Co., 112 Market, San Francisco, Cal.
Hendrickson-McCabe Constr. Co., O. C. S. Bank Bldg., Syracuse, N. Y.
Hendrickson Motor Truck Co., 3528 S. Wabash av, Chicago, Ill.
Hendrickson Roofing Co., cornices, Springfield, Ohio.
Hendrie & Bolthoff Mfg. & Supply Co., mill & facty. supplies, Denver, Colo.
Hendrie, W. C., Rubber Co., Torrance, Cal.
Hendrix, J. A., flour mills, Milligan College, Tenn.
Hendry, Alex., contractors, 320 W. Grand av, Chicago, Ill.
Hendry, C., architect, Elmhurst, N. Y.
Hendryx, Andrew B., Co., chains, bird cages, fishing tackle & wire picture cord, etc., New Haven, Conn.
See adv index at end of book.
Hendryx Cyanide Machy. Co., 136 Liberty, New York.
Hendy, J., Iron Works, Sunnyvale, Cal.
Henebry, Thos. F., machsts. & fndrs., Danbury, Conn.
Henes & Keller Co., machsts. & fndrs., Menominee, Mich.
Henes, Louis G., machy. dlr., Monadnock Bldg., San Francisco, Cal.; Title Insurance Bldg., Los Angeles, Cal.
Hengels, H. C., architect, Monadnock blk, Chicago, Ill.
Hengels, Henry C., architect, 702 Grand av, Milwaukee, Wis.
Henion & Hubbell, machy. dlrs., contrs.' tools & supplies, & wholesale hdwe., 219 N. Jefferson, Chicago, Ill.
Henis, Wm. G., Sons & Co., weather vanes, 1347 Ridge av, Philadelphia, Pa.
Henke, D. E., & Co., contractors, Zanesville, Ohio.
Henke, Robt., gold leaf, 175 Park Row, New York.
Henkel & Brown, contractors, Mason City, Ia.
Henkel Co., cutlery mfrs., Fremont, Ohio.
Henkel & Sullivan, contractors, Mercantile Library Bldg., Cincinnati, Ohio.
Henkle & Joyce Hardware Co., Lincoln, Neb.
Henley, Francis E., architect, 42 Weybosset, Providence, R. I.
Henley Roller Skate & Mach. Co., Richmond, Ind.
Henne & Meyer Co., wholesale hdwe., Rockdale, Tex.
Henneberry & Co., meat packers, Arkansas City, Kans.
Henneberry & Halligan, granite producers, Concord, N. H.
Hennebique Const. Co., 1170 B'way, New York.
Hennebohle, Frank, machst., 8101 S. Chicago av, Chicago, Ill.
Hennecke, C., Co., structural steel, 1353 N. Pierce, Milwaukee, Wis.
Hennen, Joseph E., architect, Fond Du Lac, Wis.
Hennepin Bridge Co., 968 Laurel, Minneapolis, Minn.
Hennepin Paper Co., Plymouth Bldg., Minneapolis, Minn.
Hennepin Sash, Door & Lumber Co., Emerson av, & 29th, Minneapolis, Minn.
Hennesey, D. R., machst. & fndr., Bellefontaine, Ohio.
Hennessey Bros., contractors, Brookline, Mass.
Hennessey Foundry Co., Springfield, Ohio.
Hennessey, J. M., & Bro., contractors, Troy, Ohio.
Hennessey, Wm. E., stone producers, Amsterdam, N. Y.
Hennessy, Dennis, tubular boilers, steel stacks & tanks, etc., Syracuse, N. Y.
Hennessy, J. D., & Co., masons' & bldrs.' matls., 195 Front, Portland, Ore.
Henney Buggy Co., Moline, Ill.
Hennigan, J. G. E., lunch wagons, Worcester, Mass.
Henning Bros., cornices, cans, 3924 Indiana av, Chicago, Ill.
Henning E., Inc., cooperage stock mfrs., 39 S. La Salle, Chicago, Ill.
Henning, Jno., & Sons, scrap iron & steel, 1016 E. Susquehanna av, Philadelphia, Pa.
Henning, Julius, cornices & skylights, 315 Plymouth, N., Minneapolis, Minn.
Henning, V., & Sons, smelters & refiners; alloys, ingots, etc 330 Belmont av, Brooklyn, N. Y.
Henning, Wm., brick, Newton, Ia.
Henning, Wm., Co., canned goods, 1260 W. Division, Chicago, Ill.
Henninger, F. A., architect, Securities Bldg, Omaha, Neb.
Henningsen Bros, contractors, Irvington, N. J.
Henon & Boyle, architects, Fuller Bldg., Philadelphia, Pa.
Henrich, Edw. G., architect, Mutual Life Bldg., Buffalo, N. Y.
Henrich, Geo. A., heating contr., 5650 B'way, Chicago, Ill.
Henrich's, Wm., Sons Co., contractors, 193 Spring, Buffalo, N. Y.
Henrick, John, contractor, Oswego, N. Y.
Henricks, C. R., architect, Norristown, Pa.
Henricks Magneto & Elec. Co., electric lighting outfits, 1225 S. Paul, Indianapolis, Ind.
Henrickson & Co., contracors, Globe Bldg., Seattle, Wash.
Henrie, C. B., cornices, Xenia, Ohio.
Henrietta Mills, cotton sheeting, Caroleen, N. C.
Henrikson, Bernard T., & Co., wood working mach. knives, 664 W. Austin, Chicago, Ill.
Henrix, Luebbert Mfg. Co., tents, 326 Howard, San Francisco, Cal.
Henrotin, A., Co., soap, 447 Wells, Chicago, Ill.
Henry, A. L., contractor, Gloversville, N. Y.
Henry Airtight Weather Strip Co., Crawfordsville, Ind.
Henry & Allen, flat spring keys, garden tools, etc., Auburn, N. Y.
Henry-Bonnard Bronze Co., archl. & ornamental iron work & castings, 20 Exchange pl, New York; also Mt. Vernon, N. Y.
Henry Bros., canned goods, Poage's Mill, Va.
Henry Bros., gas burners & furnaces, 198 North Massillon, Ohio.
Henry, C. P., Nov. Co., curtain rods, 184 Early, Providence, R. I.
Henry, Chas., tubular boilers, Madison, Ind.
Henry, Chas. D., architect, Kankakee, Ill.
Henry Contracting Co., 633 W. 47th, New York.
Henry, David, Bldg. Co., Paterson, N. J.
Henry, Edw. P., contractor, Woodbury, N. J.
Henry Engng. Co., machsts., 116 27th, Brooklyn, N. Y.
Henry, Frank N., masons' & bldrs.' matls., Wilkes-Barre, Pa.
Henry, J. E., & Sons Co., paper & pulp mills, Lincoln, N. H.
Henry, J. G., contractor, Geneva, N. Y.
Henry, J. W., architect, Aberdeen, S. D.
Henry, Jas. M., contractor, Fort Wayne, Ind.
Henry, John T., Mfg. Co., pruning knives, hdwe. mfrs., Hamden, Conn.
Henry Mfg. & Grease Cup Co., oil lubricators, Terre Haute, Ind.
Henry Marble Co., 3208 Shields av, Chicago, Ill.
Henry, Millard & Henry Co., machsts. & fndrs., York, Pa.
Henry-Miller Foundry Co., hot air furnaces, 825 Long av, Cleveland, Ohio.
Henry & Murphy, architects, 2d Natl. Bk. Bldg., Akron, Ohio.
Henry Paper Co., Lincoln, N. H.
Henry, Ralph C., architect, 12 West, Boston, Mass.
Henry, Robt., brick, Lancaster, Ohio.
Henry & Sheffler Mach. & Auto Co., Greensburg, Pa.
Henry, T. A., brick, Gastonia, N. C.
Henry, Walter C., & Son, contractors, St. Petersburg, Fla.
Henry, Wm., stone, 5837 Justine, Chicago, Ill.
Henry & Wright Mfg. Co., machsts., Hartford, Conn.
Henryetta Spelter Co., zinc, Henryetta, Okla.
Henryson, L. P., & Co., umbrella mfrs., 20 W. 20th, New York
Henschien, H. P., architect, 37 W. Van Buren, Chicago, Ill.
Hensel, E. R., Steel & Copper Co., Security Bldg., St. Louis, Mo
Hensel, Henry C., architect, 766 8th, Milwaukee, Wis.
Hensel & Meyer, metal polish, 2149 Belmont av, Chicago, Ill.
Hensel, Samuel, contractor, New Philadelphia, Ohio.
Hensel Silk Mfg. Co., silk fringes, 1015 Diamond, Phila., Pa.
Hensey, Melville O., archt., Corcoran Bldg., Washington, D. C.
Hensgen, Fred, architect, 4118 Ballard av, Oakly, Cincinnati, O.
Hensgen, Herman, contractor, Camden, N. J.
Henshaw, Gorham, architect, 87 Weybosset, Providence, R. I.
Hensil, Y. D., architect, Eugene, Ore.
Hensley, Jas. W., & Co., dredging buckets, Indianapolis, Ind.
Hensley Trolley & Mfg. Co., trolley wheels, machsts. & brass fndrs., 363 Holden av, Detroit, Mich.
Henson Brick Supply Co., Hagerstown, Md.

Henson, Edw. F., & Co., packing box mfrs., 921 N. Delaware av, Philadelphia, Pa.
Henson, P., contractor, Huntington, W. Va.
Henson, R. W., contractor, Geneva, N. Y.
Henton, John R., contractor, Decatur, Ill.
Hentschel, P. J., Mach Co., jigs & fixtures, 703 Hillen, Baltimore, Md.
Hentschke, Albert & Son, machsts. & fndrs., 731 Race, Philadelphia, Pa.
Hentz, Hal F., architect, Candler Bldg., Atlanta, Ga.
Henzmann & Richard, archl. & orna. iron, Louisville, Ky.
Hepburn Telephone Mfg. Co., 325 S. Dearborn, Chicago, Ill.
Heppe, Christopher J., & Son, pianos, 1117 Chestnut, Phila., Pa.
Heppe, Wm., & Sons Co., soap, Logansport, Ind.
Heppenstall Forge Co., Bridgeport, Conn.
Heppenstall Forge & Knife Co., automobile forgings, 47th & Hatfield, Pittsburgh, Pa.
Heppenstall & Marquis, masons' & bldrs.' matls., 32d, Pittsburgh, Pa.
Hepperle, J. & Son, stone, 4008 W. Taylor, Chicago, Ill.
Heppert, Jos., lumber mfrs., 906 Catherine, Richmond, Va.
Heppes-Nelson Roofing Co., roofing materials., 1041 Kilbourne av, Chicago, Ill.
Heps, Henri C., architect, 358 N. Y. av, Brooklyn, N. Y.
Hepworth, Jno. W., & Co., tex. machy. (knitting machy.), loopers, Lehigh av & Mascher, Philadelphia, Pa.
Hepworth, S. S., Co., sugar centrifugals & mixers, 2 Rector, New York.
Herbert Boiler Co., 140 Root, Chicago, Ill.
Herbert Brush Mfg. Co., Kingston, N. Y.
Herbert, Derrick, architect, Menominee, Mich.
Herbert, H. W., lbr., Rumney Depot, N. H.
Herbert, M., Co., portables, 8 W. 22d, New York.
Herbert, Thos., & Sons, contractors, Bayonne, N. J.
Herbert, T. L., & Sons, masons' & bldrs.' matls., Nashville, Tenn.
Herbert, Wm. A., & Co., lbr., 11 S. La Salle, Chicago, Ill.
Herberts Engrg. Co., elec. illuminated signs, 10 E. 43d, New York.
Herbertson, John, Sons, machsts. & fndrs., Brownsville, Pa.
Herbold, Chas., & Son, contractors, 2768 W. North av, Baltimore, Md.
Herbrand Co., machs., Fremont, Ohio.
Herbst & Hufschmidt, architects, Caswell blk., Milwaukee, Wis.
Herby's, Chas., Sons, architects, U. B. Bldg., Dayton, Ohio.
Hercules Buggy Co., Evansville, Ind.
Hercules Car Mover Co., 860 Clark, Appleton, Wis.
Hercules Chemical Co., chemical plumbing pipe cleaner, 347 Broadway, New York.
Hercules Chemical Wks., metal polish, 1221 N. Wells, Chicago, Ill
Hercules Elec. Co., gas igniters, Indianapolis, Ind.
Hercules Elec. Steel Corp., 145 Lafayette, New York.
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Hercules Eng'ng Corp., chemical machy., 501 5th av, New York.
Hercules Float Works, seamless copper floats, mfrs., 200 Franklin, Springfield, Mass.
Hercules Gas Engine Co., machsts. & fndrs., Evansville, Ind.
Hercules Instrument Co., ammeters, Mount Vernon, N. Y.
Hercules Iron & Supply Co., 473 Atlantic av, Boston, Mass.
Hercules, J. W., architect, 308 Sherman av, Peoria, Ill.
Hercules Machinery Co., 50 Church, New York.
See adv index at end of book.
Hercules Mfg. Co., agricultural implements, Centerville, Ia.
Hercules Mfg. Co., belt mfrs., 4328 Greenwood av, Chicago, Ill.
Hercules Mfg. Co., labels—woven, Midvale, N. J.
Hercules Mfg. Co., machy., Chattanooga, Tenn.
Hercules Metal Corner Co., Kingston, N. Y.
Hercules Metal Wks., brass fndrs., Castasauqua, Pa.
Hercules Motor Mfg. Co., Canton, Ohio.
Hercules Oil Refining Co., petroleum, E. 30th, Los Angeles, Cal.
Hercules Paper Bag Co., Reading, Pa.
Hercules Powder Co., Wilmington, Del.
See adv index at end of book.
Hercules Sandstone Co., stone producers, Tenino, Wash.
Hercules Slate Co., rfg. slate mfrs., Bangor, Pa.
Hercules Waterproof Cement Co., Buffalo, N. Y.
Herdman Sash, Door & Lumber Co., Zanesville, Ohio.
Herdrick, B. F., brick, Lebanon, Ind.
Herf & Frerichs Chemical Co., 4528 S. Broadway, St. Louis, Mo.
Herff, A. A., architect, S. A. Loan & Trust Bldg., San Antonio, Tex.
Herfort, F., Canning Co., Baraboo, Wis.
Hergert, Theo., sheet metal ornaments, etc., 422 E. 53d, New York.
Hering, Oswald C., & Fitch, architerts, 8 W. 33d, New York.
Herkimer Fibre Co., 51 Lincoln, Boston, Mass.
Herkimer Fdry. Co., Herkimer, N. Y.
Herkless, A. R., contractor, Rushville, Ind.
Herlan, Geo. J., heating contr., 132 Northampton, Buffalo, N. Y.
Herlihy, J. J., heating contr., 751 W. Van Buren, Chicago, Ill.
Herman, F. J., contractor, Toledo, Ohio.
Herman, Geo., contractor, 28 Hillside av, Zuffalo, N. Y.
Herman, Geo. G., Antigo, Wis.
Herman & Herman, Inc., chemical mfrs., 6 Church, New York.
Herman Iron Wks., machsts., West New York, N. J.
Herman, K. I., Co., packing box mfrs., 111 W. Washington, Chicago, Ill.
Herman, M. S., & Bros., canned goods, Savannah, Ga.
Herman Pneumatic Mach. Co., Zellenople, Pa.
Herman, Q. E., architect, Hickory, N. C.
Herman, R. L., architect, 64 W. 38th, New York.
Herman Safe Co., 126 Fremont, San Francisco, Cal.
Herman, Sanford, Saddlery Co., Springfield, Mo.
Hermance Mach. Co., Williamsport, Pa.
Hermandsen, Hans, contractors, West New Brighton, N. Y.
Hermann Bros., stone producers, Dayton, O.
Hermann, E. A., architect, 2567 A. Mission, San Francisco, Cal.
Hermann Eng. Co., machsts., 654 Franklin, Detroit, Mich.
Hermann, F. W., Co., mill & facty. supplies, Guttenberg, N. J.
Hemann & Grace Co., fire proof doors, 671 Bergen, B'klyn, N. Y.
Herrmann, H., Lumber Co., Ashland, Ky.
Hermann, John, horse collars, Lawrence, Kans.
Hermann, M., & Son, carriages, Honesdale, Pa.
Hermann, Martin, lumber mfrs., Callicoon, N. Y.
Hermann Son, contractors, Grand Rapids, Mich.
Hermanns, Madden & Co., contractors, 103 Park av, New York.
Hermanson, Severin S., sweaters, cardigans, etc., Marinette, Wis.
Herminghaus, E. H., architect, Lincoln, Neb.
Hermitsge Cotton Mills, cotton sheetings, Camden, S. C.
Hermitage Hardware Co., Nashville, Tenn.
Herne, J. F., Co., sweeping compounds, Sanford, Boston, Mass.
Hernke, Bernard, machsts. & fndrs., Wausau, Wis.
Hero Mfg. Co., metal novelties & specialties, Gaul & Adams, Phila, Pa.
Hero Snap Fastener Co., 100 5th av, New York.
Herold Bros. Co., barbers' supplies, 62 Public sq., Cleveland, O.
Herold, P. J., architect, Forum Bldg., Sacramento, Cal.
Herold, R. A., architect, Forum Bldg., Sacramento, Cal.
Heron Iron Bedstead Co., Chattanooga, Tenn.
Heron Mfg. Co., casters, Utica, N. Y.
Heron, Thos. J., architect, Publication Bldg., Pittsburgh, Pa.
Herow Granite Co., Willow av & 133d, New York.
Herpel Bros., machinists, Reynoldsville, Pa.
Herr Automatic Press Co., Ambler, Pa.
Herr & Co., who. hardware & mill & factory supplies, Lancaster, Pa.
Herr John, Mfg. Co., floor scrubbing & polishing machines, 44 N. 4th, Phila., Pa.
Herr Mfg. Co., mattresses, Lancaster, Pa.
Herr, Thornton A., architect, 72 W. Adams, Chicago, Ill.
Herr, Wm., cornices, 1625 W. 15th, Chicago, Ill.
Herreshoff Mfg. Co., ship builders, mchsts & fndrs., Bristol, R. I.
Herrfeldt, J. H., & Co., cut glassware, 72 Grand av, B'klyn,
Herrick, A. H., & Son, buckwheat flour, Watertown, N. Y.
Herrick Bros., machsts & fndrs., Bethel, Me.
Herrick, Chas. E., mchsts. & fdrs., Northampton, Mass.
Herrick Co., who. hdwe., 49 Broad, Boston, Mass.
Herrick & Cowell, machsts, New Haven, Conn.
Herrick, Geo. S., grate bar mfrs., Syracuse, N. Y.
Herrick Hardware Co., Waco, Tex.
Herrick, Jr., Howard, stone agent, Law Bldg., Baltimore, Md.
Herrick, F. R., & Co., brushes, brooms, 3843 W. Lake, Chicago, Ill.
Herrick Refrigerator & Cold Storage Co., Waterloo, Ia.
Herring Buggy Co., Mansfield, O.
Herring, G. B., & Son, contractors, Mansfield, O.
Herring-Hall-Marvin Safe Co., Hamilton, O.
Herrington, C. L., masons' & bldrs.' matls., Waynesboro, Ga.
Herrington, Ed., masons' & bldrs'. matls., Hillsdale, N. Y.
Herriott Shoe Polish Co., 2801 N. B'way, St. Louis, Mo.
Herrlein & Henrich Co., glass stainers, metal & glass signs, 97 Hudson, New York.
Herrlinger & Co., paper bags, 206 Walnut, Cincinnati, O.
Herrlinger Paper Co., 211 Main, Cincinnati, O.
Herrman, Edmund, architect, Canton, O.
Herrmann Bros., cornices, 6th & Clay Day, Cincinnati, O.
Herrmann, Edmund, architect, Massillon, O.
Herrmann, F. W., Co., plumbers' supplies, jobbers, Guttenberg, N. J.
Herrmann, H., Furniture Co., music cabinets & desks, 370 Broome, New York.
Herrmann, H., Lbr. Co., E. 125th, New York.
Herrmann, Jos. F., & Co., fertilizer, mtls. glue, axle grease & tallow, Fisher Bldg., Chicago, Ill.
Herrmann, Morris, & Co., clays, color mfrs., 200 5th av, New York.
Herrman's, Philip, Son, contractors, 409 W. 14th, New York.
Herron, P. M., Hardware Co., mill & facty. supplies, 34 Genesee, Auburn, N. Y.
Herron Mfg. Works, Dir. of the Bossick Co. (Bridgeport, Conn.), jigs & fixtures, dies, gages & special machry., Utica, N. Y.
Herron, R. H., Co., oil & gas well supplies, Los Angeles, Cal.
Herruth Core Oil Co., Zion City, Ill.
Hersch, Leo., masons' & bldrs. matls., Sante Fe, N. M.
Herschel, R., Mfg. Co., agricultural implements & mchsts, Peoria, Ill.
Herschell-Spillman Co., mchsts. & fndrs, North Tonawanda, N. Y.
Herschler, L.C., contractor, Schultz Bldg., Columbus, O.
Hersey, A. A., dock bldrs., 362 Border, E. P., Boston, Mass.
Hersey, Ira G., & Sons Co., contractors, 53 Wareham, Boston.
Hersey Mfg. Co., sugar machy, pumps, etc., 314 W. 2d, S. Boston, Mass.

Hersh, A. J., contractor, Altoona, Pa.
Hersh & Bros., heating contractors, Allentown, Pa.
Hersh, F., Hardware Co., Allentown, Pa.
Hersh, Harvey M., mchsts & fndrs, Locust Valley, Pa.
Hersh & Hersh, architects, Altoona, Pa.
Hershey-Leaman Co., contrs., Lititz, Pa.
Hershey Machine & Fndry. Co., Manheim, Pa.
Hershey, P. H., canned goods, Spring Grove, Pa.
Hershey & Rohrer, masons' & bldrs'. matls., Ritman, O.
Hershey & Sexton Co., dish washing machs., 833 Chestnut, Phila., Pa.
Hersom, Thos., & Co., tex. mach'y., mill soaps, New Bedford, Mass.
Hertenstein, C. A., Lumber Co., Chillicothe, O.
Hertenstein, M., Co., stove mfrs., 1409 S. High, Columbus, O.
Hertford Hardware & Supply Co., Hertford, N. C.
Herthel, John W., architect, 119 N. 7th, St. Louis, Mo.
Hertig Furnace Co., 1342 Columbus av, Boston, Mass.
Hertlein, J. P. A., landscape architect, Louisville, Ky.
Hestner Elec. & Mfg. Co., battery charging outfits, W. 112th, Cleveland, Ohio.
Herts Bros. Co., interior hardwood work, 20 W. 57th, New York.
Herta, Henry B., architect, 345 5th av, New York.
Herty Turpentine Cup Co., Jacksonville, Fla.
Hertz, Alfred W., architect, Gloyd Bldg., Kansas City, Mo.
Hertz & Hosbach Co., cash, door & blind, 4th & Holden, Detroit, Mich.
Hertzberg, H., & Son, bottle brushes, 96 Church, New York.
Hertzler & Zook Co., mchsts & fdrs., Belleville, Pa.
Hervey, F. L., & Co., belting mfrs., Fall River, Mass.
Hervey Mach. Works, machsts., 209 Oaks, Kansas City, Mo.
Herwig Art Shade & Lamp Co., lighting fixtures, 2140 N. Halsted, Chicago, Ill.
Herz & Co., battery connectors, spark timers, plugs, auto. accessories, 245 W. 25th, New York.
Herz Mfg. Co., cigar lighters, sad irons, 241 W. 7th, St. Paul, Minn.
Herzler & Henninger Machine Works, mchsts. & fdrs., Belleville, Ill.
Herzog Art Furniture Co., music cabinets, Saginaw, Mich.
Herzog Bros., carriages, 220 Wendell, Chicago, Ill.
Herzog, Geo. P., contractor, Lafayette, Ind.
Herzog Iron Works, ornamental & structl. iron & steel wks., St. Paul, Minn.
Herzog, Jno., & Son, lime mfrs., Patterson, O.
Heslop, J. W. C., brass castings, Point Pleasant, W. Va.
Hess, A. E., lbr. mfrs., Conyngham, Pa
Hess, Adam, arch'l iron, 417 E. 156th, New York.
Hess & Barker, damper regulators, tablet machines, 236 S. 8th, Phila., Pa.
Hess, Barney, scrap brass & copper, 94 Van Dyke, B'klyn, N. Y.
Hess-Bright Mfg. Co., bearings, Front & Erie av, Phila., Pa.
Hess, C. E., lumber mfrs., Cherry Creek, N. Y.
Hess Carriage Co., wagon builders, Hagerstown, Md.
Hess, Chas., Co., bath tub seats, etc., 96 Wall, New York.
Hess, D. S., & Co., interior hardwood wks., 3 E. 40th, New York.
Hess, Daniel T., carriages, Quarryville, Pa.
Hess, E. C., contractor, Sterling, Ill.
Hess, Ernest J., architect, 3226 Magnolia av, St. Louis, Mo.
Hess, Frank, & Sons, sash, door & blind mfrs., 2339 N. Cal. av., Chicago, Ill.
Hess Furnace Co., Tacoma Bldg., Chicago, Ill.
Hess, G. B., Co., flour mills, farina, Green Bay, Wis.
Hess, Geo. F., & Son, contractors, Youngstown, O.
Hess & Hopkins Lthr. Co., harness mfrs., Rockford, Ill.
Hess, John, masons' & bldrs'. matls., Steelton, Pa.
Hess Machine Wks., 2512 Callowhill, Phila., Pa.
Hess-Martin Iron Wks., 434 Belmont av, Portland, Ore.
Hess Planing Mill Co., Waynesboro, Pa.
Hess & Rau, mach. & fdr., Watertown, S. D.
Hess, S. M., & Bro., fertilizer mfrs., 328 Chestnut, Phila., Pa.
Hess-Snyder Co., pumps & stoves, Massillon, Ohio.
Hess & Son, blow torches & solder, 808 Watkey, Philadelphia, Pa.
Hess Steel Corpn., carbon, chromes, manganese, nickel, steel, etc., Penn. R. R. & E. av, Baltimore, Md.
Hess, W. J., machst., Green Bay, Wis.
Hess Warming & Ventilating Co., 1206 B, Tacoma Bldg., Chicago, Ill.
Hess & Wiley, linseed oil mills, Fedonia, Kas.
Hess, Wm. H., metal novelties, Oneida, N. Y.
Hess, Wm. T., mattresses, York, Pa.
Hesse Building Material Co., St. Joseph, Mo.
Hesse Envelope & Lithograph Co., 501 N. 1st, St. Louis, Mo.
Hesse Mfg. Co., cotton webbing, Valley Falls, R. I.
Hesse, Martin, Iron Wks., saw mill machy., etc., 468 E. Taylor, Portland, Ore.
Hesse, Walter, architect, 500 5th av, New York.
Hesse, W. G., & Son, Mfg. Co., carriages, Leavenworth, Kas.
Hessenbruch, H., Co., hdwe., who., razor mfrs., 8 N. 5th, Phila.
Hession Tiller & Tractor Corp., E. Jewett av, Buffalo, N. Y.
Hessler Foundry & Mfg. Co., grey iron castings, Oswego, N. Y.
Hessler, H. E., Co., hdwe. mfrs. who., Syracuse, N. Y.
Hessler, H. H., elastic, surgical hosiery, 38 Arcade, Cleveland, O.
Hessner, Hy., & Son, truck trailers, 33 Bartlet, Brooklyn, N. Y.
Hester Mfg. Co., brass door guards, grilles, railings & threshholds, etc., 1455 S. Michigan av, Chicago, Ill.

Hetherington & Berner, mchsts. & fndrs., Indianapolis, Ind.
Hetherington, J. T., architect, 69 W. Washington, Chicago, Ill.
Hetherington, Jno., & Sons, Ltd., mchsts. & fndrs., 178 Devonshire, Boston, Mass.
Hetherington-Jones Co., spec. machy., Piqua, Ohio.
Hetherington, T. D., architect, Gazette Bldg., Colorado Springs Colo.
Hetrick, Wilson, & Co., flour mills, Indiana, Pa.
Hettinger, C. F., & Co., brewery architects, 1140 Columbus av Boston, Mass.
Hettinger Engine Co., engine builders & mchsts. Bridgeton, N. J
Hettinger, Hy. C., landscape arch., McHenry, Ill.
Hettinger, John P., architect, 3171 N. Halsted, Chicago, Ill.
Hettler, Herman H., Lbr. Co., 2601 Elston av, Chicago, Ill.
Hettrick Mfg. Co., canvas goods of all kinds, belting, etc., Toledo, Ohio.
Hetzel & Co., meat packers, 1743 Larrabee, Chicago, Ill.
Hetzel, J. G., Est. of, contractor, cements, compound, paints, etc., 67 Main, Newark, N. J.
Hetzel-Winget Co., contractors, Grant bldg., Los Angeles, Cal.
Hetzell, John G., & Son, cornices, Paca & Mulberry, Baltimore, Md.
Heuckeroth, Jno., brick, Quakertown, Pa.
Heuer, William W., canned goods, Bel Air, Md.
Heughes, F. L., & Co., structural steel & iron work, Rochester, N. Y.
Heumader, Chris., trunks, St. Joseph, Mo.
Heun, Arthur, architect, 64 E. Van Buren, Chicago, Ill.
Heusinger Hardware Co., San Antonio, Tex.
Hewell, T. J., Jr., fertilizer, Dewey Rose, Ga.
Hewes, Geo. D., contractor, Chester, Pa.
Hewes & Phillips Iron Wks., 8 Orange, Newark, N. J.
Hewes, Sam'l, contractor, Chester, Pa.
Hewett, C. G., cotton damasks, Unity & Leiper Phila., Pa.
Hewett, Jas. A., contractor, Elyria, O.
Hewett Mfg. Co. (of Chicago, Ill.), fndrs, Topeka, Kas.
Hewitt Bearing Metal Co., Inc., 209 Berkeley av, Newark, N. J.
Hewitt & Bottomley, architects, 597 5th av, New York.
Hewitt Bros., machsts. & fndrs., Punta Gorda, Fla.
Hewitt Bros. Soap Co., Dayton, Ohio.
Hewitt, C. B., & Bros., pattern boards, etc., 49 Beekman, New York. *See adv index at end of book*
Hewitt, Chas. W., architect, 604 Academy, Astoria, N. Y.
Hewitt, Edwin, Hawley, architects, 716 4th av, South Minneapolis, Minn.
Hewitt & Emerson, architects, 321 Main, Peoria, Ill.
Hewitt, Ernest C., contractor, Bay City, Mich.
Hewitt & Granger, architects, Bullitt Bldg., Philadelphia, Pa.
Hewitt, Jno., machsts. & fndrs., East Newark. N. J.
Hewitt, L. & R. T., mattresses, South Wethersfield, Conn.
Hewitt-Ludlow Auto Co., 901 Indiana, San Francisco, Cal.
Hewitt Mfg. Co., fndrs., 241 Greenfield av, Milwaukee, Wis.
Hewitt Motor Co., 252 W. 64th, New York.
Hewitt Rubber Co., hose, valves, etc., Buffalo, N. Y.
Hewitt Sales Co., babbitt metal, 1325 12th, Detroit, Mich.
Hewitt, Thos. J., vent. mfr., 57 Ann, New York.
Hewitt & Warden, light switchboards, Newburgh, N. Y.
Hewitt White Co., corset, shoe laces, Paterson, N. J.
Hewitt, Wm. D., architect, Burlington, N. J.
Hewitt, Wm. S., architect, Atlantic City, N. J.
Hewlett Bros., lubrg. oils, 32 Front, New York.
Hewlett, Geo. B., blue & black prints, 32 Front, New York.
Hewlett, Wm. A., architect, 1265 Broadway, New York.
Hews, A. H., & Co., potteries, Cambridge, Mass.
Hexter & Co., who. hdwe., 13th & Hoyt, Portland, Ore.
Hey, M., Mfg. Co., mchsts. & fndrs., 633 N. 3d, Phila., Pa.
Hey, Richard, & Son, woolen blankets, Main Bl. Walnut lane, Philadelphia, Pa.
Heyden Chemical Wks., Garfield, N. J.
Heyden, F., telephone cabinet wks., 517 N. Halsted, Chicago, Ill.
Heyer, A. Lester, meat packer, 318 E. 38th, New York.
Heyer, T. A., Duplicator Co., 160 N. 5th av, Chicago, Ill.
Heyl, Bros. Co., canned goods, 101 S. Front, Phila., Pa.
Heyl & Patterson, conv. troughs, 51 Water, Pittsburgh, Pa.
Heyl, Philip F., lbr., 1215 W. 6th, Cincinnati, Ohio.
Heyman, N. H., machsts., 438 E. 59th, New York.
Helman, Solomon, smoking pipes, 814 Druid Hill, Baltimore, Md.
Heyman-Well Co., who. hdwe., 720 Mission, San Francisco, Cal.
Heystek, Baker, Constr. Co., Kalamazoo, Mich.
Heyward, Thos. R., Co., ferro, alloys, pigiron, fluorspar, Farmers Bank Bldg., Pittsburgh, Pa.
Heywood Bros. & Waflefield Co., portables, 516 W. 34th, New York, and Gardner, Mass.
Heywood Mfg. Co., envelopes, 420 N. 3d, Minneapolis, Minn.
Heyworth, Jas. O., contractor, 606 S. Michigan av, Chicago, Ill.
H. G. Chemical Products Co., Inc., boiler compound, 3778 E. 91st, Cleveland, Ohio.
H. H. H. Tire & Mfg. Co., 263 Halsey, Newark, N. J.
Hibbard, B. H., Co., contractors' & masons' & bldrs.' matls., New Britain, Conn.
Hibbard Basket Wks., South Butler, N. Y.
Hibbard & Cody, architects, Marsh-Strong Bldg., Los Angeles, Cal.
Hibbard Eng'ng Co., cam shafts, Majestic Bldg., Detroit, Mich.
Hibbard, Frank W., contractor, 108 Fargo av, Buffalo, N. Y.
Hibbard Gas Engine Co., Machsts, Hudson Falls, N. Y.

Hibbard, Spencer, Bartlett & Co., wholesale hardware, 303 N. State Street Bridge, Chicago, Ill.
Hibbard, W. E., Mfg. Co., machsts., 79 Washingotn, B'klyn, N. Y.
Hibben & Co., steel plate wks., 9376 Ewing av, Chicago, Ill.
Hibberd Brick Co., Kearney, Neb.
Hibbs, E. A., cupolas, range boilers, expansion tanks, etc., Bread & Quarry, Philadelphia, Pa.
Hibbs, H. C., architect, F. & F. Nat'l. Bank Bldg., Nashville, Tenn.
Hibbs Hardware Co., Portsmouth, Ohio.
Hibner-Hoover Hardware Co., Dubois, Pa.
Hice, Harry M., architect, State Life Bldg., Indianapolis, Ind.
Hice Mfg. Co., carriage rims, Johnson City, Tenn.
Hickerson Roller Mill Co., flour, Grantsburg, Wis.
Hickey & Baker, cornices & skylights, Englewood, N. J.
Hickey Bros., contractors, Railway Exch. Bldg., St. Louis, Mo.
Hickey Contracting Co., 841 B'way, New York.
Hickey Fdry. Co., Buffalo, N. Y.
Hickey M. F. Co., stone prod., 83 9th, Brooklyn, N. Y.
Hickey, M. H., arch'l iron, 36 W. Randolph, Chicago, Ill.
Hickey, Michael & Co., boot & shoe counters, Haverhill, Mass.
Hickey & Schneider, electrical specialties, Elizabeth, N. J.
Hickler Bros., contractors, Sault Sainte Marie, Mich.
Hickman, C. F., architect, Columbus, Ga.
Hickman, Charles L., architect, Clarksburg, W. Va.
Hickman, Franklin P., machsts., 112 West, Wilmington, Del.
Hickman, J. E., architect, 119 S. 5th, Reading, Pa.
Hickman, Louis C., architect, Brown Bros. Bldg., Phila., Pa.
Hickman Milling Co., flour, Hickman, Tenn.
Hickman, Robt. E., canned goods, Wesley Station, Md.
Hickman, V. Q., steam fitters' supls., Union Bk. Bldg., Pittsburgh, Pa.
Hickman Wagon Co., Hickman, Ky.
Hickman, Williams & Co., Coke Mfrs., Ferro-Phosphorus, Louisville, Ky.
Hickmott, R., Canning Co., 320 California, San Francisco, Cal.
Hickok Const. Co., grain elev. bldrs., 818 Flour Exch., Minneapolis, Minn.
Hickok Electric Instrument Co., shunt ammeters, 10514 Dupont, Cleveland, Ohio.
Hickok, Horatio, Co., Packing Box Mfrs., Burlington, Vt.
Hickok, W. O., Mfg. Co., bookbinders mach., Harrisburg, Pa.
Hickory Carriage Co., Sp. Grove av. & Rawson, Cincinnati, Ohio.
Hickory Gas Mantle Mfg. Co., University & Griggs, St. Paul, Minn.
Hickory Handle & Mfg. Co., Conover, N. C.
Hickory Lbr. Co., Danielsville, Pa.
Hickory Mfg. Co., sashes, doors & blinds, Hickory, N. C.
Hickory Novelty Co., sashes, doors & blinds, Hickory, N. C.
Hickory Run Mfg. Co., cooperage, Allentown, Pa.
Hickory Steel Grip Glove Co., 2418 Diversey av, Chicago, Ill.
Hicks, A. C., contractor, Cole Brook, N. H.
Hicks, A. P., paint mfrs., Phelps, N. Y.
Hicks Boiler Wks., 614 S. Main, Providence, R. I.
Hicks, Burt, mach. & fdr., Portland, Ore.
Hicks, C. W., & Co., machsts. & fndrs., Lynchburg, Va.
Hicks Co., Ltd., masons' & bldrs.' matls., Shreveport, La.
Hicks, Geo. F. H., R. R. track laying machines, 537 S. Dearborn, Chicago, Ill.
Hicks & Harper, architecs, Florence, S. C.
Hicks, Harry, machsts & fndrs., North Vernon, Ind.
Hicks, Howard W., Co., Auto Washing Brushes, Denver, Colo.
Hicks, J. C., Sheet Metal Works, cornices & skylights, Knoxville, Tenn.
Hicks, J. Howard, architect, Washington Court House, Ohio.
Hicks, Jas. L., engines, tools, etc., 967 Howard, San Francisco, Cal.
Hicks, Jewell, architect, Durant, Okla.
Hicks, John H., lbr., Avondale, Pa.
Hicks, S. D., & Sons, cornices & skylights, 9 Bowker, Boston, Mass.
Hicks, W. R., contractor, Elwood, Ind.
Hicks, Wm. Mather, gold pens, 235 Greenwich, New York.
Hickson-Rogers Mfg. Co., dowel pins, spokes, etc., Paragould, Ark.
Hickson, Stephen A., gold leaf, 559 Broome, New York.
Hicksville Handle Co., Hicksville, Ohio.
Hico Milling Co., flour, Burlington, N. C.
Hico Oil Mill, meal, Hico, Tex.
Hidalgo Steel Co., 253 B'way, New York.
Hidden Otis Co., wholesale hardware, Louisville, Ky.
Hide & Leather, trade publication, 136 W. Lake, Chicago, Ill.
Hide, Leather & Belting Co., 227 S. Meridian, Indianapolis, Ind.
Hide & Leather Working Mach. Co., 4215 Meinecke av, Milwaukee, Wis.
Hieatt, F. L., Brick & Tile Co., San Diego, Cal.
Hiener Hardware Co., Wheeling, W. Va.
Hieronymus, C. H., lbr. mfrs., Monica, Ky.
Hierspiel Bros., cornices, Peoria, Ill.
Hiertz, Theo., Metal Co., Alaska & Tesson, St. Louis, Mo.
Hiestand & Co., masons' & bldrs.' matls., Salunga, Pa., & Eaton, Ohio.
Higbee, Enoch L., contractor, Atlantic City, N. J.
Higbee Tool Co., Bremen, Ohio.
Higbee, Wilbur S., contractor, Atlantic City, N. J.
Higbie Oats Cleaner Co., 56 W. Lake, Chicago, Ill.
Higby, Gilbert C., architect, 207 Market, Newark, N. J.
Higganum Hardware Co., Higganum, Conn.
Higgin Mfg. Co., hardware, steel anti-rattlers, buttons, etc., Newport, Ky.
Higginbotham & Knapp, architects, Charleston, W. Va.
Higgins, Alvah E., dowels, Jamaica, Vt.
Higgins, Chas. M., & Co., mucilage, paste and ink mfgs., 271 9th, Brooklyn, N. Y.
Higgins & Co., machsts. & fndrs., Holyoke, Mass.
Higgins Dental Mfg. Co., Bellevue, Ohio.
Higgins, E. Leander, architects, 120 Exch., Portland Me.
Higgins, F. J., 154 W. Randolph, Chicago, Ill.
Higgins, Frank B., metal doors, 408 N. 11th, St. Louis, Mo.
Higgins, G. F., Co., heating contrs., Wabash Bldg., Pittsburgh, Pa.
Higgins, J. F., & Co., cornices, 5751 Eastern av, St. Louis, Mo.
Higgins, J. H., Co., scrap iron, 198 Globe, Providence, R. I.
Higgins, J. J., contractor, 349 Main, Worcester, Mass.
Higgins, Jas., brick, Marshall, Tex.
Higgins, John C., machsts., 812 W. Kinzie, Chicago, Ill.
Higgins, Joseph I., architect, Borden Blk., Fall River, Mass.
Higgins-Jung Kleinau Co., stone & granite producers, Bloomington, Ill.
Higgins Lbr. Co., 423 6th, San Francisco, Cal.
Higgins, M. C., contrs., Terre Haute, Ind.
Higgins Machinery Co., belt clamps, Seattle, Wash.
Higgins, Olstin M., architect, Hyde Park, Boston & Attleboro, Mass.
Higgins, Robt., contractor, 4642 Lancaster av, Philadelphia, Pa.
Higgins, Robt. J., lubrg. oils, Albany, N. Y.
Higgins Spring & Axle Co., Racine, Wis.
Higgins Stone Co., Bellevue, Ohio.
Higgins, Thos. H., contractor, Glen Ridge, N. J.
Higgins, W. R., sash, door & blind, Chelan, Wash.
Higgins, W. S., contractor, Newtonville, Mass.
Higgins, Walter, htg. contrs., 910 Mass av N. W., Washington, D. C.
Higgins, Wm., Dry Docks & Marine Rys., Bayonne, N. J.
Higgins, Wm. E., architect, Santa Clara, Cal.
Higginson-Gibson Mfg. Co., sockets, 76 Atherton, Boston, Mass.
Higginson Mfg. Co., cements, mortar, plaster, etc., Newburgh, N. Y.
Higginson, Wm., architect, 13 Park Row, New York.
Higginsville Milling Co., flour, Higginsville, Mo.
Higgs, J. Ed., architect, 910 N. 10th, Richmond, Ind.
Higgs, P. F., architect, Pomona, Cal.
High Falls Mfg. Co., flour, High Falls, N. C.
High Falls Pulp & Paper Co., Chateaugay, N. Y.
High Point Brick Co., High Point, N. C.
High Point Buggy Co., High Point, N. C.
High Point Mfg. Co., music cabinets, High Point, N. C.
High Point Metallic Bed Co., High Point, N. C.
High Point Mill Co., lumber, High Point, Wash.
High Point Milling Co., flour, High Point, N. C.
High Point Veneer & Panel Co., High Point, N. C.
High Shoals Co., cotton sheetings, Charlotte, N. C.
High Shoals Mfg. Co., cotton sheetings, High Shoals, Ga.
High Speed Engine Corp., marine engines, 9 Clinton, Newark, N. J.
High Speed Hammer Co., riveting machines, 307 St. Paul, Rochester, N. Y.
High Speed Metallic Packing Co., 305 N. Michigan av, Chicago, Ill.
High Speed Tools Corp., drills, cutters & reamers, 43 Exchange pl., New York.
High Tension Elec. Spec. Co., cut out hangers & arc lamp insulators, Newton, Mass.
High, W. M., architect, Reading, Pa.
Highby, H. A., lumber mfrs., Willsboro, N. Y.
Highgate Mfg. Co., brass fndrs., Highgate, Vt.
Highhouse's, E., Sons, brick, Warren, Pa.
Highland Body Mfg. Co., carriage bodies & seats, Center Hill av & C. H. & D. R. R., Elmwood pl, Cincinnati, Ohio.
Highland Chemical Products Co., cast iron pipe coatings, Connellsville, Pa.
Highland Cherry Farm Co., canned, Clyde, Ohio.
Highland Coal Co., masons' & bldrs. matls., Somerville, Mass.
Highland Cordage Co., Hickory, N. C.
Highland Electro Chemical Mfg. Co., soldering flux, Connellsville, Pa.
Highland Engraving Co., 256 Sherman, Passaic, N. J.
Highland Fndrs. & Mach. Co., Somerset, Pa.
Highland Glass Co., Washington, Pa.
Highland Iron & Steel Co., Terre Haute, Ind.
Highland Knitting Mill, knitted gloves, Highland, N. Y.
Highland Machine Co., 56 Kemble, Rox, Boston, Mass.
Highland Mfg. Co., tablets & pads, Holyoke, Mass.
Highland Milk Condensing Co., Elkland, Pa.
Highland Mill Co., flour, Willette, Tenn.
Highland Milling Co., flour, Highland, Ill.
Highland Orchards Co., canned goods, Highland, N. Y.
Highland Paper Co., Johnsonburg, Pa.
Highland Park College, engn. schools & coll., Des Moines, Ia.
Highland Park Mfg. Co., meal, cottonseed, Charlotte, N. C.
Highland Slate Co., roofing slate mfrs., Slatedale, Pa.
Highland Stone Co., Olive Hill, Ky.

Highland Worsted Mills, sweaters, etc., Camden, N. J.
Highlander Machine Co., washing machines, Spencerport, N. Y.
Highlands Fire Clay Co., Mackind & Berthold av., St. Louis, Mo.
Highrock Canning Co., Highrock, Pa.
Highton, Wm., & Sons Co., builders' & cabinet hardware, brass bronze & iron castings, mfrs., Nashua, N. H.
Hightower Box & Tank Co., Atlanta, Ga.
Hightower Lumber Co., Birdsview, Wash.
Hightower Planing Mill, Cedartown, Ga.
Highwood Mfg. Co., masons' & bldrs.' matls., Highwood, Ill.
Higley Mach. Co., Croton Falls, N. Y.
Higman, John W. Co., china clays, flint pebbles, chalk, 29 Broadway, New York.
Hignutt, O. M., canned goods, Denton, Md.
Higrade Belting & Weaving Co., woven cotton, Frankfort, Niagara & Dresden, Newark, N. J.
Higrade Motor Co., Harbor Springs, Mich.
Higrade Slate Co., roofing, Granville, N. Y.
Hinn, F. A., Co., Lbr. Mfrs., Santa Cruz, Cal.
Hiland Constr. & Lumber Co., Steubenville, Ohio.
Hilb & Bauer, scrap iron & steel, Union Tr. Bldg., Cincinnati, O.
Hilbert Mach. Co., radial drills, 2116 Colerain av, Cincinnati, Ohio.
Hild Canning Co., Pierre, S. D.
Hildbrandt, Frank, contractor, Houghton, Mich.
Hildebrand, A. M., contractor, Wilkes-Barre, Pa.
Hildebrand Buggy Co., carriages, Terre Haute, Ind.
Hildebrand, E. H., architct, Crocker Bldg., San Francisco, Cal.
Hildebrand, Fred, contractor, Forest Home av, Milwaukee, Wis.
Hildebrandt, John J., Co., fishing tackle, Logansport, Ind.
Hildebrandt Provision Co., meat packers, 3620 Clark av, Cleveland, Ohio.
Hildreth & Beckman, architects, 311 W. 17th, Cincinnati, Ohio, & First Natl. Bk. Bldg., Covington, Ky.
Hildreth Bros., machsts. & fdrs., Harvard, Mass.
Hildreth & Co., testing laboratories, 15 Broad, New York.
Hildreth Granite Co., 31 State, Boston, Mass.
Hildreth, H. V., granite, Graniteville, Mass.
Hildreth, Herbert L., Co., confectioners' machy., 67 Batterymarch, Boston, Mass.
Hildreth Iron Wks., Hildreth, Neb.
Hildreth, J. D., & Son, contractors, 514 Elm, New Haven, Conn.
Hildreth Varnish Co., 90 West, New York.
Hilf Bros., contractors, 9½ Norton, Pittsburgh, Pa.
Hilfinger Bros., plow clamps, potteries, etc., Fort Edward, N. Y.
Hilgard Lumber Co., Houston, Texas.
Hilgartner Marble Co., So. Sharp & Ostend, Baltimore, Md.
Hilgeman, Henry, contractor, Fort Wayne, Ind.
Hilgen Mfg. Co., lumber, Cedarburg, Wis.
Hilgen, Wm. F., architect, Cedarburg, Wis.
Hilgendorf, C. F., whol. hdwe., 303 3rd, Milwaukee, Wis.
Hilker Bros. Brick Mfg. Co., Racine, Wis.
Hilker, Edw., Mop Co., 2614 W. Grand av, Chicago, Ill.
Hilker, H. A., brick, Racine, Wis.
Hilkert, A. B., contractor, Geneva, N. Y.
Hill, A. E., Mfg. Co., machsts. & fdrs., Atlanta, Ga.
Hill, A. R., & Co., masons' & blds.' matls., Willoughby, Ohio.
Hill, Arthur, & Co. (Ltd.), lbr. mfrs., Saginaw, Mich.
Hill, Arthur E., architect, 75 Westminster, Providence, R. I.
Hill & Bosley, fndrs., Winchendon, Mass.
Hill Bros. & Co., turned wood novelties, Williamsburg, Mass.
Hill-Brunner Foundry Supply Co., South & C. H. D. R. R., Cincinnati, Ohio.
Hill Button Wks., 230 W. 17th, New York.
Hill, C. D., & Co., architcts, 317 22d, Galveston & Sumpter, Dallas, Texas.
Hill, C. V., & Co., refrigerators, stove trucks, etc., Trenton, N. J
Hill, C. W., masons' & bldrs.', matls., Walden, N. Y.
Hill, C. W., Chemical Co., 623 San Pedro, Los Angeles, Cal.
Hill-Canton Dryer Co., Canton, Ohio.
Hill City Machine Shop, Rome, Ga.
Hill-Clarke & Co., machy. dlrs., 156 Oliver, Boston, Mass., and 625 Washington blvd, Chicago, Ill.
Hill, Clemens F., carriages, Easton, Pa.
Hill, Clinton M., architect, 50 E. 42nd, New York.
Hill Clothes Dryer Co., clothes dryer & ash sifter mfrs., 40 Central, Worcester, Mass.
Hill Clutch Co. (The), friction clutches, 1000 W. 58th, Cleveland, Ohio.
Hill Crest Canning Co., Afton, Va.
Hill, Curtis, Co., saw mill machy., Kalamazoo, Mich.
Hill & Cutler, cotton waste, 176 Federal, Boston, Mass.
Hill, Dan L., machsts., Keene, N. H.
Hill & Dixon Co., cotton waste, Hearst Bldg., Chicago, Ill.
Hill Dredging Co., Atlantic City, N. J.
Hill-Drummond Lbr. Co., Saginaw, Mich.
Hill, E. W., wagons, dumping, 24 Pollock av, Jersey City, N. J.
Hill, Edwin M., sash, door & blind, 2601 Penn av, Pittsburgh, Pa.
Hill & Evans, cornices, Nanticoke, Pa.
Hill, F. H., Co., coffins, etc., 944 Wash'n blvd, Chicago, Ill.
Hill, Mrs. Florence M., architect, 202 W. 74th, New York.
Hill, Frank E., architect, Gas Office Bldg., Detroit, Mich.
Hill, Frank L., masons' & bldrs.' matls., Danville, Ill.
Hill, Geo., arch'l engrs., 31 E. 27th, New York.
Hill, Geo. H., architect, Bluefield, W. Va.
Hill, Geo. Q., Co., metal nov. & spec., nuts, screws, etc., 37 Wellington av, Framingham, Boston, Mass.
Hill, Geo. W., masons' & bldrs.' matls., Rockville, Conn.
Hill, Geo. W., & Sons, stone producers, Pittsburg, Kans.
HILL & GRIFFITH CO. (THE), foundry supplies, 1248 State av, Cincinnati, Ohio, and Birmingham, Ala. *See adv. index at end of book.*
Hill, Harry A., architect, 40 E. State, Trenton & Princeton, N J.
Hill, Henry W., architect, 138 N. La Salle, Chicago, Ill.
Hill Hydraulic Mach. Co., mine pumps, Seattle, Wash.
Hill, I. Edgar, architect, Geneva, N. Y.
Hill-Independent Mfg. Co., copying baths, Philadelphia, Pa.
Hill Insulating & Mfg. Co., plugs, 511 W. 42nd, New York.
Hill, J. C., Lumber Co., Houston, Texas.
Hill, J. H., & Sons, line tags, Coventry, R. I.
Hill, J. R., architect, Winston-Salem, N. C.
Hill, Jas. B., tile making machs., Deshler, Ohio.
Hill, Jas., Mfg. Co., cans, tin cylinders, stovepipe mfrs., etc., 52 Westfield, Providence, R. I.
Hill, John C., brick, Barnard, Ind.
Hill, John Constr. Co., Syndicate Trust Bldg., St. Louis, Mo.
Hill & Karnes Brick Co., Paducah, Ky.
Hill & Langstroth, hdwe. mfrs., 79 Beekman, New York.
Hill, Lodowick J., Jr., architect, Atlanta Nat. Bk. Bldg., Atlanta, Ga.
Hill, M. B., Mfg. Co., lathe dogs, Worcester, Mass.
Hill Mfg. Co., auto. seats, tops, wooden bodies & windshields, 23 Fuller, Buffalo, N. Y.
Hill Mfg. Co., cotton sheetings, Lewiston, Me.
Hill Mfg. Co., machinist, New Madison, Ohio.
Hill Mfg. Co., radiator shields, 2127 Railway Exchange Bldg., St. Louis, Mo.
Hill, Martin & Hill, cornices & skylights, Independence, Mo.
Hill & Minneck, contractors, 4106 Woodbine av, Baltimore, Md.
Hill, N. N., Brass Co., bell founders, gongs, toys, etc., East Hampton, Conn.
Hill, Peter W., contractor, 97 Proctor, Boston, Mass.
Hill Pump Co., Anderson, Ind.
Hill Pump Valve Co., 23rd & Archer av, Chicago, Ill.
Hill, Richard F., Mfg. Co., sporting goods, 219 High, Newark, N. J.
Hill, Robt. H., architect, Ambridge, Pa.
Hill, S., & Son, cornices & skylights, Santa Ana, Cal.
Hill, Samuel, Hardware Co., Prescott, Ariz.
Hill-Smith Metal Goods Co., for automobiles, 88 Pearl, Boston, Mass
Hill-Standard Mfg. Co., crank turning device, etc., Anderson, Ind.
Hill & Stout, architects, 299 Madison av, New York.
Hill, T. M., brick, Minburn, Ia.
Hill, Thomas, common brick, Edgar, Wis.
Hill, Thos., machsts., Bridgeport, Ohio.
Hill-Thomas Lime & Cement Co., masons' & bldrs.' matls., East St. Louis, Ill.
Hill, W. C., flour mills, Dandridge, Tenn.
Hill, W. H., cornices & skylights, Marlboro, Mass.
Hill, W. H., elec. fixtures, Cambridge Springs, Pa.
Hill, W. V., stone, Morton, Pa.
Hill, Walter E, & Co., htg. contrs., 203 N. Liberty, Baltimore, Md.
Hill, Warren C., architect, 93 Federal, Boston, Mass.
Hill, Wm. C., churns, wood pumps, Brasher Falls, N. Y.
Hill, Wm. D., architect, Pottsville, Pa.
Hill, Wm. F., contractor, Superior, Wis.
Hill, Wm. J., struct'l slate, 70 Wall, New York.
Hilland, W., mach. & fdr., Greensburg, Ind.
Hillard, C. J. Co., ornamental iron, 19th & Minnesota, San Francisco, Cal.
Hillen, Frank, cornices & skylights, Burlington, Ia.
Hillen Mfg. Co., mchsts. & fndrs., Louisville, Ky.
Hillenbrand Co., lbr., Batesville, Ind.
Hillenbrand, Edw. F., glass stainers, 257 W. 29th, New York.
Hiller, J. G., cardboard megaphone, 112 N. 4th av, Louisville, Ky.
Hillerich & Bradsby Co., golf clubs, 725 S. Preston, Louisville, Ky.
Hillerich, E. Walter, architect, 725 S. 24th, Louisville, Ky.
Hillerich, J. F. & Sons Co., sporting & athletic goods mfrs., Louisvile, Ky.
Hiller's, R., Son Co., acetate of lead, 317 Pine, Jersey City, N. J.
Hilles & Jones Co., machine tools, punching & shearing machy., etc., E. Wilmington, Del. *See adv index at end of book.*
Hillger, Samuel E., architect, Seward blk, Auburn, N. Y.
Hillgreen, Lane & Co., organs, Alliance, Ohio.
Hillhouse & Taylor, masons' & bldrs.' matls., Willimantic, Conn.
Hilliard Clutch & Machinery Co., clutches, etc., Elmira, N. Y.
Hilliard Constr. Co., 7 E. 42d, New York.
Hilliard, E. G., mill supplies Duluth Minn.
Hillick, James, Co., contrs., Ithaca, N. Y.
Hillier's, R., Son Co., soap bark, powdered licorice, lac sulphur, etc., 100 William, New York.
Hilliker, C. M., & Sons, machsts. & fndrs., Akron, Ia.
Hillinger, R. J., & Co., fountain pen mfrs., 10 S. Wabash av, Chicago, Ill.
Hillis, J. W., & Son, machsts. & fndrs., Ladoga, Ind.
Hillje Bros., fertilizer mfrs., Weimar, Tex.

Hillman Auto Supply Mfg. Co., auto windshields, 98 Massachusetts av, Boston, Mass.
Hillman, Chas. L., & Son, architects, Provident Bldg., Phila., Pa.
Hillman, F. G., mill & facty. supplies, New Bedford, Mass.
Hillman, J. Constantine, architect, Pasadena, Cal.
Hillman, J. H., & Sons Co., coal & coke, Oliver Bldg., Pittsburgh, Pa.
Hillman, Jos., machy. dlrs., Minneapolis, Minn.
Hillman, R. B., & Son, carriages, Pelham, N. H.
Hillmann, Gustav F. C., naval architects, 470 Green av, Brooklyn, N. Y.
Hillock & Pitman Co., wood handles, Logansport, Ind.
Hills, Alfred L., contractor, Hartford, Conn.
Hill's, Edw., Sons & Co., antimony, oils, soda ash, etc., 64 Wall, New York.
Hills, Edwin, saddlery hardware, shovels, trowels, etc., Plainville, Conn.
Hill's, F. J., Sons, machsts., 6 Howard, New York.
Hills, F. O., machsts. & fndrs., Milroy, Ind.
Hills, McCanna Co., mill & facty. supplies, pumps, etc., 153 W. Kinzie, Chicago, Ill.
Hills, Robt. E., valve mfr., 153 W. Kinzie, Chicago, Ill.
Hillsboro Brick & Tile Co., Hillsboro, Ill.
Hillsboro Condensed Milk Co., canned, Hillsboro, Wis.
Hillsboro Cotton Mills, Hillsboro, Tex.
Hillsboro Dredging Co., Tampa, Fla.
Hillsboro Milling & Mfg. Co., flour, Hillsboro, N. C.
Hillsby & Perkins, contractors, 1825 Sansom, Philadelphia, Pa.
Hillsdale Granite Co., Roslyn, Pa.
Hillsdale Plow Co., fndrs., Hillsdale, N. Y.
Hillsdale Screen Co., Hillsdale Mich.
Hillside Canning Co., Port Townsend, Wash.
Hillson, Hyman M., ovens, Somerville, Mass.
Hilltop Pure Food Co., Ltd., canned goods, Pittsburgh, Pa.
Hillyard Lbr. Co., Hillyard, & Lake City, Wash.
Hillyard Mfg. Co., disinfectants, St. Joseph, Mo.
Hillyer-Speering-Dunn Co., ship bldrs., Jacksonville, Fla.
Hilo Gum Co., vending mach., 1516 W. Van Buren, Chicago, Ill.
Hils, Chas. L., Co., scrap iron, rubber, 832 Reedy, Cincinnati, O.
Hilsenbeck, H. C., mill & facty. supplies, Greeley, Ia.
Hiltebrant, C., Dry Dock Co., Kingston, N. Y.
Hilton, A. H., Soap Co., Parsons, Kans.
Hilton & Briggs, contractors, Battle Creek, Mich.
Hilton-Dodge Sales Co., lbr. mfrs., Darien & Savannah, Ga.
Hilton, J. C., canned goods, Nace, Va.
Hilton, J. D., canned goods, Fincastle, Va.
Hilton Lbr. Co., Wilmington, N. C.
Hilton & Sadler, architects, Janesville, Wis.
Hilton, Sam'l, fndrs., Paterson, N. J.
Hilts, Wm. H., Co., cornices, 82 W. 3d, New York.
Hilts Wrench & Mfg. Co., boiler flue cleaners, Richford, N. Y.
Hilty, J. H., & Son, brick, Ada, Ohio.
Hilty, M., Lbr. Co., ft. 12th, Milwaukee Wis.
Hiltz Harry B., architect, 141 Milk, Boston, Mass.
Hiltz & Janssen, architects, 88 Broad, Boston, Mass.
Hiltz, John, & Sons, contractors, 3 Clay, Baltimore, Md.
Himebaugh Bros., army cots, Jamestown, N. Y.
Himebaugh, C. M., architect, Astoria, Ore.
Himelblau, A. L., architect, 179 W. Washington, Chicago, Ill.
Himes, Albert, Coal Co., masons' & bldrs.' matls., Grand Rapids, Mich.
Himmel, M. L., & Son, show cases, 109 N. Frederick av, Baltimore, Md.
Himmelberger-Harrison Lumber Co., Cape Girardeau, Mo.
Himmelien & Bailey, belting mfrs., 248 Chestnut, Phila., Pa.
Himoff Mach. Co., mills, Astoria, Long Island, N. Y.
Hinamon, D. M., stone producers, Marion, Ohio.
Hincher Mfg. Co., folding chairs, garment hangers, Washington, Ind.
Hinchey, Patrick F., & Co., slate mill stock, tubs, mantels, etc., Hydeville, Vt.
Hinchliff, Geo., Co., contractors, 189 W. Madison, Chicago, Ill.
Hinchliff Lumber Co., Galesburg, Ill.
Hinchman, E. G., Co., htg. contrs., 1263 Atlantic av, Brooklyn, N. Y.
Hinchman, Jno. R., architect, 437 5th av, New York.
Hinchman & Pilat, architects, 52 B'way, New York.
Hinchman-Renton Fireproofing Co., Denver, Colo.
Hinckey, Jos. F., architects, Savings Bank Bldg., Ithaca, N. Y.
Hinckley, Chas. C., machsts., Aurora, Ill.
Hinckley-Dwight Lbr. Co., Gest & Dalton, Cincinnati, Ohio.
Hinckley Fibre Co., Hinckley, N. Y.
Hinckley, H. M., architect, Vineyard Haven, Mass.
Hinckley, Henry N., architect, Savings Bk. Bldg., Ithaca, N. Y.
Hinckley, W. R., architect, Bluehill, Me.
Hincks, Jos. L. S., caskets, coffins, etc., Old Town, Me.
Hind, Edw. W., granite, Fitzwilliam Depot, N. H.
Hind, Thos. J., contractor, 19 Milk, Boston, Mass.
Hind, W. G., architect, 46 Kearny, San Francisco, Cal.
Hinde Brick & Tile Co., Sandusky, Ohio.
Hinde & Dauch Paper Co., Sandusky, Ohio.
Hinderer's Iron Wks., machsts., 118 Camp, New Orleans, La.
Hindle, Walter E., machst., 149 Lafayette, New York.
Hindley, Edwin B., & Co., mill & facty. supplies, Paterson, N. J.
Hindley Gear Co., 1105 Frankford av, Philadelphia, Pa.

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Hindley Mfg. Co., screw eyes cotters, keys, etc., Valley Falls, R. I.
Hindley Mfg. Co., screw hooks, Valley Falls, N. Y.
Hindley & Pendleton Co., riveted pipe, etc., 74 Greenpoint av, N. Y.
Hinds & Coon, mill & facty. supplies, 126 Pearl, Boston, Mass.
Hinds, J. A., & Co., flour mills, Rochester, N. Y.
Hinds, Thomas, Co., machsts. & fndrs., Malone, N. Y.
Hine Bros., mfrs. of colors & dyes, 80 Maiden lane, New York.
Hine Bros. Co., soap, fertilizer mfrs., 4023 S. Ashland av, Chicago, Ill.
Hine, F. L., architect, 189 Montague, Brooklyn, N. Y.
Hine & Froud Co., button mfrs., 271 Douglas, Brooklyn, N. Y.
Hine-Watt Mfg. Co., auto lamps, track jacks, gasoline blow torches, 180 N. Market, Chicago, Ill.
Hineline, J. M., & H. H., contrs., Freeport, Ill.
Hinely & Marable, turpentine, Perry, Fla.
Hiner, Lewis E., architect, Gary, Ind.
Hines Bros. Lbr. Co., lumber mfrs., Kinston, N. C.
Hines, Edward, Lumber Co., sash, door & blind mfrs., 2431 Lincoln, Chicago, Ill.
Hines, Frank H., contractor, 128 W. 124th, New York.
Hines, Frank, Jr., lumber, Ellsworth, Wis.
Hines, Frank & Son, contrs., Muncie, Ind.
Hines, H. C., & Co., cornices, 354 Humboldt av, Detroit, Mich.
Hines & Ritchey, coppersmiths, Louisville, Ky.
Hingley, J. A., machsts., Denver, Colo.
Hinkel, J. K., Mfg. Co., carriage & wagon materials mfrs., Mechanicsburg, Pa.
Hinkle, E. P. & Co., mattresses, Washington, D. C.
Hinkle, H. G., Inc., contractor, Altoona, Pa.
Hinkle Iron Co., 534 W. 56th, New York.
Hinkson Bros., machsts., East Brook, Pa.
Hinman, Clarence G., architect, McKnight Bldg., Minneapolis, Minn.
Hinman, D. A., & Co., machsts. & fndrs., Sandwich, Ill.
Hinman Milking Mach. Co., Oneida, N. Y.
Hinner's, E. H., Sons, masons' & bldrs.' matls., Edgewater, N. J.
Hinners Organ Co., Pekin, Ill.
Hinnricks, Fredk., architect, 1750 Louis av, Milwaukee, Wis.
Hinsdale, Reynold H., architect, Erie Bldg., Cleveland, Ohio.
Hinsdale Woolen Mill, Hinsdale, Mass.
Hinsdill Elec. Co., fixtures, Troy, N. Y.
Hinshaw, S. T., & Co., flour, Yadkinville, N. C.
Hinsman Machine & Tool Co., builders of special machinery tools, etc., Westfield, Mass.
Hinson, C., & B. Co., auto. belts, 1511 Chase, Cincinnati, Ohio.
Hinson, C., & Co., turpentine, Williston, Fla.
Hinton Bros. Lbr. Co., Lumberton, Miss.
Hinton, Fdry., Mach. & Plumbing Co., Hinton, W. Va.
Hinton Milling Co., flour, Hinton, W. Va.
Hinton, W. C., contractor, Cordele, Ga.
Hinz, Albert, cornices, 403 E. 16th, New York.
Hinz Mfg. Co., annealing furnaces, Detroit, Mich.
Hinze, H., machy., embossing & stamping presses, 460 W. 149th, New York.
Hi-Po Waterproof Battery Corp., 1007 Aalantic av., Brooklyn, N. Y.
Hipolito Screen & Sash Co., Los Angeles, Cal.
Hippey, Edw., mach. & fndr., Portland, Ore.
Hipple Planing Mill Co., sash, door & blind mfrs., Lock Haven, Pa.
Hipple, W. B., machst., San Pedro, Cal.
Hipskind, Alois F., contractor, Wabash, Ind.
Hipskind, Chas., contr., Wabash, Ind.
Hipskind, Geo. C., contr., Wabash, Ind.
Hipskind Heating & Plumbing Co., Wabash, Ind.
Hipskind, John F., contractor, Richmond, Ind.
Hipskind, Philip, & Son, contrs., Huntington, Ind.
Hipwell, Chas. G., cornices & skylights, Davenport, Ia.
Hipwell Mfg. Co., dry batteries, lamp guards, etc., 831 North W. av, Pittsburgh, Pa.
Hiram Co-operative Canning Ass'n., Hiram, Me.
Hire Stave & Tile Co., cooperage stock, Mark Center, Ohio.
Hires Condensed Milk Co., 913 Arch, Philadelphia, Pa.
Hires, Turner Glass Co., 30th & Walnut, Philadelphia, Pa.
Hirons, J. A., architect, Dover, Del.
Hirsch, Adolph, & Co., crude rubber, 63 Park Row, New York.
Hirsch Bros., agricultural implmts, 267 Reed, Milwaukee, Wis.
Hirsch Bros. & Co., canned goods, Louisville, Ky.
Hirsch Bros. Co., canned goods, Pittsburgh, Pa.
Hirsch Bros.' Mer. & Prov. Co., meat, Cape Girardeau, Mo.
Hirsch, Cal., & Son, Iron & Rail Co., machinery dealers, 300 S. Broadway, St. Louis, Mo.
Hirsch Cotton & Linter, cottonseed linters, Macon, Ga.
Hirsch, D., & Bro., canned goods, Milford, Del.
Hirsch Elec. Mine Lamp Co., 314 N. 12th, Phila., Pa.
Hirsch, G., & Co., scrap iron, etc., Cleveland, Ohio.
Hirsch, G., Sons, silk fringes, 890 Broadway, New York.
Hirsch, H. O., contractor, Wainwright Bldg., St. Louis, Mo.
Hirsch, I. L., cornices & skylights, Tacoma, Wash.
Hirsch, John, smoking pipes, 524 S. Spring, Los Angeles, Cal.
Hirsch, K., cornices, 2016 W. Division, Chicago, Ill.
Hirsch, L. C., & Co., tin plate, metals, etc., 220 W. 19th, New York.
Hirsch, Leo. H., & Co., buttons, 300 E. 22d, New York.
Hirsch, Louis, knitting machs., 220 5th av, New York.

Hirsch Lbr. Co., 26 Beaver, New York.
Hirsch, Max, architect, 391 Fulton, Brooklyn, N. Y.
Hirsch Rolling Mill Co., Ecoff & Manchester, St. Louis, Mo.
Hirsch & Spitz Mfg. Co., mattresses, Atlanta, Ga.
Hirsch, Willard, architect, Swetland Bldg., Cleveland, Ohio.
Hirschberger, H., Co., cornices & skylights, Portland, Ore.
Hirschfeld, A., soap, Winona, Minn.
Hirschfeld, Benjamin S., architect, 251 Kearny, San Francisco, Cal.
Hirschfelder, Chas. M., architect, 62 State, Rochester, N. Y.
Hirschfelder & Meaney, trunks, 519 Market, San Francisco, Cal.
Hirschfield, H., scrap iron, Bay City, Mich.
Hirschfields, Theo., Sons Co., contractors, 1036 Straight, Cincinnati, Ohio.
Hirschl & Bendheim, smoking pipes, Washington, Mo.
Hirschman, J. C., Co., mattresses, 1201 E. Maryland, Indianapolis, Ind.
Hirschorn, Schoenberger & Krieger, arch'l iron, 608 E. 133d, New York.
Hirschy Co., washing mach., Minneapolis, Minn.
Hirsh, Leon, & Son, ammonia, potash, etc., 368 Greenwich, New York.
Hirsh & Schofield, brewers' & malsters' machy & supplies, 50 Broad, New York.
Hirsh, Stein & Co., glue & fertilizer mfrs., 111 W. Wash., Chicago, Ill.
Hirshberg, Hollander & Co., paint mfrs., 106 W. Pratt, Baltimore, Md.
Hirshfeld, Herman, pearl buttons, New Milford, N. J.
Hirshi, E. L., who. hdwe., Guthrie, Okla.
Hirshtein, J. M., architect, Century Bldg., St. Louis, Mo.
Hirst & Begley Linseed Co., 2013 Mendel, Chicago, Ill.
Hirt Bros., cornices, 2013 Elm, Cincinnati, Ohio.
Hirth, A., & Co., stone producers, Grand Rapids, Mich.
Hiscox, Jas. A., architect, Norwich, Conn.
Hisey-Wolf Mach. Co., mach. tools, Colerain & Marshall, Camp Washington, Cincinnati, Ohio.
Hislop, Jas. W., machsts, Troy, N. Y.
Hiss, Phillip, decorative architect, 452 5th av, New York.
Hiss & Weekes, architects, 452 5th av, New York.
Hist Potato Machinery Co., potato diggers, Alliance, Ohio.
Histand, H. H., architect, Doylestown, Pa.
Hitchcock, A. H., publisher, 508 S. Dearborn, Chicago, Ill.
Hitchcock & Curtiss Knitting Co., Hartford, Conn.
Hitchcock, E. H., & Son, wholesale hdwe., Nashville, Tenn.
Hitchcock, F. F., cornices & skylights, Woodbury, Conn.
Hitchcock Hardware Co., Watertown, Conn.
Hitchcock, L., canned goods, Eagle Harbor, N. Y.
Hitchcock, W. A., architect, Laramie, Wyo.
Hitchens, Chas. P., architect, Keenan Bldg., Pittsburgh, Pa.
Hitchens, Wm. Frank, Esq., architect, 5125 Woodlawn av, Pittsburgh, Pa.
Hitchings, Ben G., sash, door & blind mfrs., E. 34th nr. Av H., Brooklyn, N. Y.
Hitchings & Co., horticultural architect, 1170 Broadway, New Yorok.
Hitchings & Co., mchsts & fndrs., Elizabeth, N. J.
Hitchner & Bassett, masons' & bldrs'. matls., Woodstown, N. J
Hite, W. W., & Co., mill & facty. supplies, 523 W. Main, Louisville, Ky.
Hiteshew & Co., masons' & bldrs.' matls., Chambersburg, Pa.
Hitners, Hy. A., Sons' Co., scrap iron & steel, Hunting & Aramingo av, Philadelphia, Pa.
Hitt, H. H., Lumber Co., Decatur, Ala.
Hitz, C., Foundry Co., Girard, Kas.
Hitz, Chas., cornices, Providence, R. I.
Hitz, Chas. R., brass fndrs., Phila., Pa.
Hitzeroth, Edw., archl. iron, 3120 Market, Phila., Pa.
Hjermstad, J. M., machinist, Red Wing, Minn.
Hjorth Lathe & Tool Co., precision bench lathes, spring winding machs. & reamers, mfg., 27 School, Boston, Mass.
Hjorth, Wm., & Co., pliers & nippers, Jamestown, N. Y.
Hjul, Jas. H., contractors, California & Davis, San Francisco
H. K. H. Silk Co., Watertown, Conn.
H. K. Toy & Nov. Co., Indianapolis, Ind.
Hladik, J. C., architect, Monadnock blk., San Francisco, Cal.
H. & N. Carburetor Co., 1675 Broadway, New York
Hoadley, J., & Sons' Co., stone producers, Stinesville, Ind.
Hoadley Stone Co., Bloomington, Ind.
Hoag, C. F., Co., knitted gloves, Poughkeepsie, N. Y.
Hoag, D. F., & Co., engrs., Corn Exchange Bldg., Minneapolis, Minn.
Hoag Duster Co., Monticello, Ia.
Hoag & Houseman, cash, door & blind, Springport, Mich.
Hoag, Wm. M., masons' & bldrs.' matls., 120 Liberty, New York.
Hoagland, E. L., contractor, Portsmouth, Va.
Hoagland, G. A., & Co., masons' & bldrs.' matls., Omaha, Neb.
Hoagland, Geo. E., architect, State Life Bldg., Indianapolis, Ind.
Hoagland, J. M., & Co., contrs., Sharon, Pa.
Hoagland-Thayer, Inc., automobiles & stor. battery trucks, 300 Washington, Newark, N. J.
Hoagland's, M., Sons' Co., mchsts. & fndrs., Rockaway, N. J.
Hoaglin, F. L., gasoline funnels, Waupaca, Wis.
Hoaglin Mfg. Co., fly killers, Waupaca, Wis.
Hoarse, J., & Co., cut glassware, Corning, N. Y.
Hoban Brass Fdry. Co., Dayton, Ohio.
Hoban & Roach, contractors, South Bend, Ind.
Hobart Allfree Co., car replacers, derailers, etc., 37 W. Van Buren, Chicago, Ill.
Hobart Bros. Co., stor. battery charging sets, Troy, Ohio.
Hobart-Lee Tie Co., lumber, Springfield, Mo.
Hobart, Lewis P., architect, Crocker Bldg., San Francisco, Cal.
Hobart Mfg. Co., mchsts, Troy, Ohio.
Hobart Mill & Elevator Co., flour, Hobart, Okla.
Hobaugh & Weiner, stone, Butler, Pa.
Hobbes, Jno. A., architect, Stewart Bldg., Utica, N. Y.
Hobbs, Clinton E., bolt, nut & rivet mfrs., 12 Pearl, Boston, Mass.
Hobbs Concrete Mach. Co., 1445 W. Gd. blvd., Detroit, Mich.
Hobbs Drain Tile Co., Hobbs, Ind.
Hobbs & Dunn, landscape archs, State Life Bldg., Indianapolis.
Hobbs Hardware Co., Raton, N. Mex.
Hobbs Mfg. Co., canned goods, Denton, Md.
Hobbs Mfg. Co., paper box machy., Worcester, Mass.
Hobbs, Raymond, architect, Pasadena, Cal.
Hobbs, W. H., Supply Co., cornices & mill & facty. supplies, Eau Claire, Wis.
Hobbs, Wall & Co., lumber, Fife Bldg., San Francisco, Cal.
Hobensack, Wm., machsts., Ivyland, Pa.
Hoberg, John, Co., paper & pulp mills, Green Bay, Wis.
Hoboken Bluestone Co., Hoboken, N. J.
Hoboken Paper Mill Co., Hoboken, N. J.
Hoboken White Lead & Color Works, Willow av & 14th, Hoboken, N. J.
Hobron, Thos. W., gas engines, Lick Bldg., San Francisco, Cal.
Hobson Bros., common brick, Wenatchee, Wash.
Hobson & Co., agricultural implements, Easton, Pa.
Hobson & Co., stone producers, Saginaw, Mich.
Hobson-De Lone Co., Inc., advg. Signs, 15th & Wallace, Phila., Pa.
Hobson-Houghton & Co., steel, 83 Beekman, New York.
Hobson & Lawler Co., mill, facty. & plmbrs. supp., Lowell, Mass.
Hoch Bros., who. hdwe., Chicora, Pa.
Hoch, Hames Co., Hazelton, Pa.
Hoch, Oscar S., contractor, Allentown, Pa.
Hochenauer, Jos., machsts., Pueblo, Colo.
Hochgesand, A. M., & Sons, common brick, Jasper, Ind.
Hock, Chas., contractor, 180 Jessie, San Francisco, Cal.
Hockaday Co., paint mfrs., 1831 Carroll, Chicago, Ill.
Hockaday, E., & Co., who. hdwe., Kingfisher, Okla.
Hockenjos, J. J., Co., plate glass., 829 Broad, Newark, N. J.
Hockensmith Wheel & Mine Car Co., Penn Station, Pa.
Hocker Bros., common brick, De Pere, Wis.
Hocker, E. W., & Co., contractors, Springfield, Ill.
Hockett, J. A., & Co., brown corn, Wichita, Kans
Hocking Glass Co., opal & decorative, Lancaster, Ohio.
Hocking Valley Brick Co., Columbus, Ohio.
Hocking Valley Fire Clay Co., Nelsonville, O.
Hocking Valley Mfg. Co., agricultural implements, Lancaster, O.
Hocking Valley Products Co., front brick mfrs., Columbus, Ohio.
Hocking Valley Ry. Shops, mchsts. & fndrs., Columbus, Ohio.
Hockman, J. P., canned goods, Shenandoah, Va.
Hockman, Maurice Allen, architect, Watertown, S. D.
H-O Co., oatmeal, feed, etc., Buffalo, N. Y.
Hoctor, P., & Son, stone producers, Hudson, N. Y.
Hodapp Hominy Co., Seymour, Ind.
Hodapp & Miller, harness, saddles & strap wk. mfrs., Louisville, Ky.
Hodder Constr. Co., Braddock, Pa.
Hoddick, August O., architect, 117 W. 58th, New York.
Hodes & Sullivan, advtg. spec., 142 Fulton, New York.
Hodgart & Co., steam fitters' supplies, 122 S. Mich. av, Chicago.
Hodgdon Bros., motor boat, launch & yacht bldrs., East Boothbay, Me.
Hodgdon, Geo., & Son, architects, 333 4th av, Pittsburgh, Pa.
Hodge, A. L., & Son, masons' & bldrs.' matls., Roxbury Station, Conn.
Hodge, B. J., architect, Berry blk., Nashville, Tenn.
Hodge Boiler Wks., steel plate wks., 99 Summer, E. Boston, Mass.
Hodge Fence & Lumber Co., Ltd., Lake Charles, La.
Hodge & Graves Co., auto & folding seats, Amesbury, Mass.
Hodge & Homer Co., machsts.' tools & supplies, 549 W. Madison, Chicago, Ill.
Hodge, Jeremiah, packing boxes, sashes, doors, etc., Manchester, N. H.
Hodge Mfg. Co., mchsts. & fndrs., Greenville, Pa.
Hodge, Omar, architect, 1016 Main, Richmond, Ind.
Hodge Ship Co., Moss Point, Miss.
Hodge & Stone, valve wheels, Middleton, Conn.
Hodge, Wm. & Co., glass churns, 11 S. 2d, Phila., Pa.
Hodgeden & McDonald, lumber, Aitkin, Minn.
Hodgens, H. Childs, architects, Finance Bldg., Philadelphia, Pa.
Hodgenville Roller Mills, flour, Hodgenville, Ky.
Hodges Broom Works, Atlanta, Ga.
Hodges Bros., lumber, Olathe, Kans.
Hodges, C. S., lumber, Cyrene, Ga.
Hodges, Chas. E., architect, Bankers' Invst. Bldg., San Francisco, Cal.
Hodges Fibre Carpet Co., 212 5th, New York.
Hodges, Frederick G., mattresses, Reading, Pa.
Hodges, W. W., Co., architects, Schofield Bldg., Cleveland, O.
Hodges Water Still Co., Penna. Blgs., Phila., Pa.
Hodgin Constr Co., 1237 Selby av, St. Paul, Minn.

Hodgins, E. C., & Son, contractors, Bangor, Me.
Hodgins, Victor, architect, Bangor, Me.
Hodgkins, Howard G., architect, 179 W. Washington, Chicago, Ill.
Hodgkins, J. F., Co., machsts. & fndrs., Gardiner, Me.
Hodgkinson, J., & Son, sash, door & blind mfrs., Hyde Park, Mass.
Hodgman Rubber Co., 8 W. 40th, New York.
Hodgson, Chancey, W., architect, Penn Bldg., Pittsburgh, Pa.
Hodgson, Ernest F., Co., portable houses, 116 Washington, Boston, Mass.
Hodgson Fndry. Co., 2012 W. 13th, Chicago, Ill.
Hodgson, G. C., & Co., contractors, Reibold Bldg, Dayton, Ohio.
Hodgson, Leslie S., architect, Ogden, Utah.
Hodgson, Oliver, contractor, 275 E. 7th S., Salt Lake City, Utah.
Hodkinson, S. M., htg. contr., 410 W. 125th, New York.
Hodson, F. Garvin, architect, Redlands, Cal.
Hodson, G. & A., machsts., 226 Arch, Philadelphia, Pa.
Hodson, John M., pearl buttons, twine, tex. mchy., etc., Boone & Markle, Philadelphia, Pa.
Hodson, O. O., cornices & skylights, McMinnville, Ore.
Hoe, J. R., & Sons, machsts. & fndrs., Middleboro, Ky.
Hoe, R., & Co., printing presses, saws, etc., 504 Grand, New York.
Hoe, Richard J. C., sash door & blind mfr., 78 Lake, Jersey City, N. J.
Hoefel, Frederick, cornices, Pottsville, Pa.
Hoefer Mfg. Co., machsts., Freeport, Ill.
Hoeffer & Co., contractors, 133 W. Washington, Chicago, Ill.
Hoeffken Bros., contrs., Belleville, Ill.
Hoeffler, Conrad, architect, 703 W. 5th, Fort Worth, Tex.
Hoeffler, J., & Co., printing wks., 163 W. 29th, New York.
Hoefner, A., & Sons, soap, 160 Van Rensselaer, Buffalo, N. Y.
Hoeft & Co., drop forgings, dies, tools, etc., 1600 W. Kinzie, Chicago, Ill.
Hoegee, Wm. H., Co., filter cloths & gun holsters, Los Angeles, Cal.
Hoegg, D. W., Co., canned goods, Portland, Me.
Hoehn, Fred, sad iron handles, Cleveland, Ohio.
Hoehn, R., Co., hydrometers, 31 Union sq, New York.
Hoehn, Wm., Co., arch'l iron, 218 W. 20th, New York.
Hoehne, Ferdinand, machst., Kaukauna, Wis.
Hoehne, R. B., & Associates, brick & continuous kilns, St. Louis, Mo.
Hoellerer, Jos., cornices, 91 Union av, Brooklyn, N. Y.
Hoelscher Bros., plumbers' supplies, 1310 W. Division, Chicago, Ill.
Hoen, Rudolph G., architect, Joliet Nat'l Bk. Bldg., Joliet, Ill.
Hoenigsberger, A., carriage robes, 16 S. Market, Chicago, Ill.
Hoepner Automatic Scale Co., 1401 W. Jackson blvd, Chicago, Ill.
Hoeppner-Bartlett Co., contractors, Eau Claire, Wis.
Hoeppner, Richard, contractor, 3602 Kilburn av, Milwaukee, Wis.
Hoerlein, F. G., gas stoves, 200 Nostrand av, Brooklyn, N. Y.
Hoermann, Carl, architect, 8 N. Dearborn, Chicago, Ill.
Hoernel Hardware Co., Racine, Wis.
Hoerner, H. J., & Sons, stone, 30 Lister av, Newark, N. J.
Hoersting & Holtmann, cornices, 1133 W. 3d, Dayton, Ohio.
Hoertz, Chas., & Son, contractors, Grand Rapids, Mich.
Hoevel Mfg. Corp., sand blast machs., 50 Church, New York.
See adv index at end of book
Hoey, Edw. D., contractor, McKeesport, Pa.
Hoey & Gallaher Fndry. & Mach. Co., Kittanning, Pa.
Hoey, John & Co., mattresses, Alameda & Rhode Island, San Francisco, Cal.
Hof, Geo., Jr., architect, 371 E. 158th, New York.
Hofeller-Loeser Co., scrap rubber, Depew, N. Y.
Hofeller, Theo., & Co., scrap rubber, brass, copper, etc., 206 Scott, Buffalo, N. Y.
Hofer, A. E., architect, 2120 E. 58th, Kansas City, Mo.
Hofer, G., & Sons Co., cornices & skylights, Toledo, Ohio.
Hoff & Bro., wholesale hardware, Reading, Pa.
Hoff, John D., Asbestos Co., Monadnock Bldg., San Francisco, Cal.
Hoffecker Bros. & Hall Co., Smyrna, Del.
Hoffecker, J. H., Canning Co., Smyrna, Del.
Hoffeld, R., & Co., mill & facty. supplies, 61 Carroll, Buffalo, N. Y.
Hoffer, Allen R., & Co., scrap iron, Penna. Bldg., Phila., Pa.
Hoffer, W., Furniture Co., music cabinets, Cohoes, N. Y.
Hoffheimer Bros. Co., distillers, 123 Sycamore, Cincinnati, Ohio.
Hoffman-Ahlers Co., brewers' & malsters' machy. & supplies, 828 E. Pearl, Cincinnati, Ohio.
Hoffman, B., Mfg. Co., mill, facty. & plumbers' supplies, 257 6th, Milwaukee, Wis.
Hoffman & Baur, cornices, 279 Lake, Milwaukee, Wis.
Hoffman & Billings Mfg. Co., mill, facty. & plumbers' supplies, 100 2d, Milwaukee, Wis.
Hoffman Bronze & Aluminum Castings Co., 1000 Addison rd, Cleveland, Ohio.
Hoffman Bros., contractors, Punxsutawney, Pa.
Hoffman Bros. Co., lumber mfrs., Ft. Wayne, Ind.
Hoffman & Bryan, cornices & skylights, Findlay, Ohio.
Hoffman, C. J., & Sons, contractors, Rochester, N. Y.
Hoffman, Chas., contractor, Jamaica, N. Y.
Hoffman, Chas., Co., cornices & skylights, Mansfield, Ohio.
Hoffman Co., architects, Finance Bldg., Philadelphia, Pa.
Hoffman-Corr Mfg. Co., tex. machy. (tapes, braids & cords), 312 Market, Philadelphia, Pa.
Hoffman, De Witt & McDonough Co., Cheltenham, Pa.
Hoffman, Edward, canned goods, Denton, Md.
Hoffman Engineering & Contracting Co., Penna. Bldg., Phila., Pa.
Hoffman, Eugene M., architect, Spreckles Bldg., San Diego, Cal.
Hoffman, F. Burrall, Jr., architect, 17 E. 40th, New York.
Hoffman, F., Co., contractors, Wilkinsburg, Pa.
Hoffman, F. S., & Co., silver nov., 223 E. 23d, New York.
Hoffman Furniture Co., mattresses, 37 Market, Newark, N. J.
Hoffman, Geo. J., & Co., architects, Rochester, Minn.
Hoffman, Geo. J., Co., contractors, South Bend, Ind.
Hoffman, Geo. W., Co., metal polish, 557 E. Washington, Indianapolis, Ind.
Hoffman, H. C., & Co., pckg. box mfrs., Bridgeport, Conn.
Hoffman, H. Curtis, architect, Shiller Bldg., Oak Park, Ill.
Hoffman, H. H., & Co., loose leaf devices, 712 Federal, Chicago, Ill.
Hoffman Hardware Co., Los Angeles, Cal.
Hoffman Hardware Co., Texarkana, Ark.
Hoffman Heater Co., water heaters, Washington, Lorain, Ohio.
Hoffman, Henry, contractor, Millville, N. J.
Hoffman Hinge & Fndry. Co., Hubbard, Porter & Burlington, Cleveland, Ohio.
Hoffman, J. C., & Bro., cornices, Sharon, Pa.
Hoffman, J. C., Inc., spools, mailing tubes, etc., 10 Jones, New York.
Hoffman, J. H. B., cornices, Albany, N. Y.
Hoffman, J. T., & Son, canned goods, Fincastle, Va.
Hoffman, Jas., contractor, Millville, N. J.
Hoffman, John F., Jr., soap, Sedalia, Mo.
Hoffman, Jno., Packing Co., meats, Baymiller, nr. Central, Cincinnati, Ohio.
Hoffman & Kropff Chemical Co., sulphur colors, Porter av, Brooklyn, N. Y.
Hoffman-La Roche Chemical Wks., 440 Washington, New York.
Hoffman, Louis, Hardware Co., Vicksburg, Miss.
Hoffman, Louis P., architect, 826 Jefferson, Buffalo, N. Y.
Hoffman, M. J., Const. Co., contrs., Evansville, Ind.
Hoffman-Marks Co., whol. hdwe., 226 S. Main, Los Angeles, Cal.
Hoffman-Marquard Iron & Mach. Co., St. Louis, Mo.
Hoffman Motor Truck Co., Minneapolis, Minn.
Hoffman, Oliver D., stone, Bechtelsville, Pa.
Hoffman, Oscar, architect, Decatur, Ind.
Hoffman, P., & Bro., fertilizer mfrs., Raubsville, Pa.
Hoffman Paint & Varnish Co., Waters av, Boston, Mass.
Hoffman, Paul, horse collars, Dubuque, Iowa.
Hoffman, Peter, cornices & skylights, Madison, Ind.
Hoffman, R. C., & Co., scrap iron, Continental Bldg., Baltimore, Md.
Hoffman, R. S., paper & pulp mill, Baldwinsville, N. Y.
Hoffman, S. C., cornices & skylights, Leavenworth, Kan.
Hoffman & Scofield, tin plate, 100 Beekman, New York.
Hoffman Spec. Co., radiator valves, 130 N. Wells, Chicago, Ill.
Hoffman, W. L., & Co contractors, 133 W. 47th, Chicago, Ill.
Hoffman, Wm., auto. wood bodies, 51 3d, Milwaukee, Wis.
Hoffmann, E. J. T., architect, 63 E. 71st, Portland, Ore.
Hoffmann, W. A., cornices & skylights, Galveston, Tex.
Hoffman's, John, Sons Co., meat packers, 2148 Colerain av, Cincinnati, Ohio.
Hoffman's, P., Son, cornices, Sharon, Pa.
Hoffmeyer Bros., contractors, 308 Dearborn, Buffalo, N. Y.
Hoffner, Adam, contractor, Butler, Pa.
Hoffistetter & Dawson, contractors, Marion, Ohio.
Hofft, M. A., Co., stoker grates, Indianapolis, Ind.
Hofherr, Geo. W., glass stainers, 409 E. Fayette, Baltimore, Md.
Hofman, A. C., & Sons, meat packers, Syracuse, N. Y.
Hofmann, John, cornices, Dixon, Ill.
Hofstatter, Theo., & Co., interior hardwood wk., 668 5th av., New York.
Hofius Steel & Equipment Co., structural dlrs., Seattle, Wash.
Hog-Joy Co., oilers, Springfield, Ill.
Hogan, Andrew S., contractor, Fargo, S. D.
Hogan & Di Genno, sash, door & blind mfrs., 1616 Webster av, New York.
Hogan, Jas. H., contr., 138 Davenport av., New Haven, Conn.
Hogan Mfg. Co., water closet combination, 74 Grove, Hartford, Conn.
Hogan Milling Co., flour, Junction City, Kan.
Hogan Sheet Metal Wks., cornices, East St. Louis, Ill.
Hogan, Wm. A., architect, Rockaway Park, N. Y.
Hogarth, Jas., machsts. & brass fndrs., Deadwood, S. D.
Hogarty, Edw., machsts. & fndrs., Unionville, Conn.
Hogberg & Ludwig, contractors, 180 Jessie, San Francisco, Cal.
Hogberg Oven Co., 910 S. Michigan av, Chicago, Ill.
Hoge, H. H., cooperage stock, New Knoxville, Ohio.
Hoge Mfg. Co., clutch pencils; thumb tacks, 45 John, New York.
Hogg Constr Co., Inc., 1634 Sansom, Phila., Pa.
Hogg, Geo., Co., contractors, Braddock, Pa.
Hogg-Harris Lbr. Co., Wright Bldg., St. Louis, Mo.
Hogg, Jas. O., architect, N. Y. Life Bldg., Kansas City, Mo.
Hogg Lumber Co., Glen Jean, W. Va.
Hoggson Bros., contractors, 485 5th av, New York, & 129 Church, New Haven, Conn.

Hoggson & Pettis Mfg. Co. (The), small tools, dies, molds, etc., mfrs., 161 Brewery, New Haven, Conn.
Hoggson, S. H., & Co., models & experimental wk., 27 Thames, New York.
Hogin, McKinney & Co., mill & fcty. supplies, Marion, Ind.
Hogle, Albert P., Co., htg. contrs., 1522 Flatbush av, B'klyn, N. Y.
Hoglund, G. E., Foundry Co., Gardner, Mass.
Hogue, S. D., & Son, machinists, Baton Rouge, La.
Hohenadel, P., Jr., Rochelle, Byron, Rockford, Ill., & Janesville, Wis.
Hohenschild, H. H., architect, Navarre Bldg., St. Louis, Mo.
Hohensee, Herman's contractor, Blatz Bldg., Milwaukee, Wis.
Hohlfeld Mfg. Co., hammock mfrs., 10th & Allegheny, Phila., Pa.
Hohlfelder, F., Co., chaplets (foundry), 1197 W. 67th, Cleveland, Ohio.
Hohlock, J. F., contractor, Youngstown, Ohio.
Hohman, C., & Sons, meat packers, 2038 E. Monument, Baltimore, Md.
Hohmann & Maurer Mfg. Co., thermometers, Ames, nr West av, Rochester, N. Y.
Hohner, M., organs & harmonicas, 114 E. 16th, New York.
Hohnsbehn Creamery Supply Co., Waverly, Ia.
Hohulin Bros., woven wire fences, Goodfield, Ill.
Hoil Mfg. Co., pumps, grinders, stamps, etc., 45 N. Division, Buffalo, N. Y.
Hoisting Machinery Co., buckets, cranes & hoists, 50 Church, New York. *See adv index at end of book.*
Hoit, Henry F., architects, 315 E. 10th, Kansas City, Mo.
Hoke Oil & Fertilizer Co., Raeford, N. C.
Hoke Plumbing & Heating Co., Shreveport, La.
Hoke Tractor Co., traction engines, South Bend, Ind.
Holabird-Reynolds Elec. Co., Los Angeles, Cal.
Holabird & Roche, architects, 104 S. Michigan av, Chicago, Ill., N. Y. Life Bldg., Kansas City, Mo., & 2 W. 47th, New York.
Holaday & Bailey, cornices & skylights, Tacoma, Wash.
Holahan, Thos., contractor, 164 Lewis, Rochester, N. Y.
Holben, M. W., contractor, Gary, Ind.
Holbert & Spedden Co., contractors, Fairmont, W. Va.
Holbrook-Armstrong Iron Co., machsts. & fndrs., Racine, Wis.
Holbrook Bros., plate glass, 89 Beekman, New York.
Holbrook, Cabot & Rollins Corp., contractors, 6 Beacon, Boston, Mass.
Holbrook Co., auto. metal bodies, West End & 67th, New York.
Holbrook, Erwin G., architect, Whitaker Bldg., Davenport, Ia.
Holbrook, F. G., lbr. mfrs., Bedford, N. H.
Holbrook, H. E., Co., mfrs. casement hdwe., 200 Devonshire, Boston, Mass.
Holbrook, Harry C., architect, Outlook Bldg., Columbus, Ohio.
Holbrook, M. G., steam htg. contrs., The Arcade, Cleveland, O.
Holbrook Mfg. Co., textile machy. & supplies, 18th, Jersey City, N. J.
Holbrook, Merrill & Stetson, whol. hdwe., & plumbers' supplies, 6th & Bluxome, San Francisco, Cal.
Holbrook Raw Hide Co., 748 N. Main, Providence, R. I.
Holcker Bros. Buggy Co., carriages, Crestline, Ohio.
Holcker-Elberg Mfg. Co., auto. bodies, tops & windshields, N. E cor. 16th & MeGee, Kansas City, Mo.
Holcomb Bros., masons' & bldrs.' matls., Sycamore, Ill.
Holcomb Co., auto. bodies, wood, New Haven, Conn.
Holcomb, D. S., & Co., machy. dlrs., 243 Canal, New York.
Holcomb & Hoke Mfg. Co., pop corn machs., Indianapolis, Ind.
Holcomb, J. I., Mfg. Co., bottle brushes, & brooms, 1543 Van Buren, Indianapolis, Ind.
Holcroft & Lane Co., core ovens, annealing & melting furnaces, 58 Lafayette blvd., Detroit, Mich.
Holcroft, W. H., & Co., contractors, Chester, Pa.
Holden, B. E., architect, Main, Aurora, Ill.
Holden, Benj. Edwin, architect, City Hall, Syracuse, N. Y.
Holden Clay Products Co., brick, Mineral City, Ohio.
Holden, E. M., contractor, Brattleboro, Vt.
Holden, Frank H., architect, 485 5th av, New York.
Holden, Jas., cordage & twine mfr., Fall River, Mass.
Holden, Lansing C., architect, 103 Park av, New York.
Holden Lumber Co., Gloversville, N. Y.
Holden, M. J., Lumber Co., sash, door & blind, Adams, Mass.
Holden & Martin Lbr. Co., sashes, doors & blinds, Brattleboro, Vt.
Holden, N. E., masons' & bldrs.' matls., Danville, Ill.
Holden Paper Co., Newburgh, N. Y.
Holden & Quick, shoe patterns, 120 Centre, New York.
Holden & White, overhead matl. (electric ry.), 1508 Fisher Bldg., Chicago, Ill.
Holder Hardware Co., Bloomington, Ill.
Holder, Henry, Jr., architect, 242 Franklin av, B'klyn, N. Y.
Holderbaum, Jas. B., & Son, whol. hdwe., Somerset, Pa.
Holderfield Supply Co., masons' & bldrs.' matls., Muncie, Ind.
Holdridge, G. W., & Co., contractors & stone producers, Catskill, N. Y.
Holdridge, Hiram A., Co., flour mills, Lima, Ohio.
Holes Bros., granite, St. Cloud, Minn.
Holesworth, Geo. E., architect, Reno, Nev.
Holfeltz, J. R., Co., masons' & bldrs.' matls., Iron Mountain, Mich.
Holgaard, C. J., Co., contractors' tents, 30 Washington av, N., Minneapolis, Minn.
Holgan Bros., machsts., 9 Baxter, New York.
Holgate Bros. Co., broom blocks, wood handles, Kane, Pa.
Holladay, E. G., & Co., contractors, Nashville, Tenn.
Holladay, Henry T., Jr., flour mills, Rapidan, Va.
Holland, A. Raymond, architect, Bailey Bldg., Philadelphia, Pa.
Holland-American Fruit Products Co., canned, Fort Smith, Ark.
Holland Aniline Co., Holland, Mich.
Holland Brass Wks., 616 W. Monroe, Chicago, Ill.
Holland Bros., meat packers, Albany, N. Y.
Holland Canning Co., Holland, Mich.
Holland & Co., wholesale hdwe., Mendota, Ill.
Holland-Cook Mfg. Co., porch columns, Tacoma, Wash.
Holland Constr. Co., San Diego, Cal.
Holland Core Oil Co., core oils, 2012 Austin av, Chicago, Ill.
Holland, E. J., Constr. Co., contractors, Atlantic City, N. J.
Holland, Edw. S., architect, 78 Devonshire, Boston, Mass.
Holland, Frank S., architect, 100 Haight, San Francisco, Cal.
Holland, Frank, & Son, machsts., 683 Lorimer, B'klyn, N. Y.
Holland Furnace Co., Holland, Mich.
Holland, H. O., architect, Mutual Life Bldg., Buffalo, N. Y.
Holland Hardware Co., wholesale, Newburgh, N. Y.
Holland-Horr Mill Co., lumber, Spokane, Wash.
Holland Instrument Corp., powder blowers, rubber syringes, 2314 N. 11th, Philadelphia, Pa.
Holland, J. C., & Son, architects, Mills Bldg., Topeka, Kans.
Holland, J. R., lumber, Collins, Ga.
Holland, John, Gold Pen Co., 129 E. 4th, Cincinnati, Ohio.
Holland Launch & Engine Co., machsts., Holland, Mich.
Holland Leather Board Co., Hop River, Conn.
Holland Mach. Co., elec. pumps, 1270 Broadway, New York.
Holland Mfg. Co., nails, tacks, staple mfrs., etc., Central av & Bank, Baltimore, Md.
Holland Mfg. Co., silk thread, Willimantic, Conn.
Holland Piano Mfg. Co., 205 Metropolitan Life Bldg., Minneapolis, Minn.
Holland Torpedo Boat Co., Groton, Conn.
Holland, S. G., Stave Co., cooperage stock, Nashville, Tenn.
Holland-St. Louis Sugar Co., Holland, Mich.
Holland, Sam'l., machst. & fndr., Park River, N. D.
Holland, Stephen, & Sons, masons' & bldrs.' matls., Hornell, N. Y.
Holland Supply Corp., fertilizer mfrs., Holland, Va.
Holland, Thos., & Sons, dumb waiters, 211 E. 84th, New York.
Holland Trolley Supply Co., boxes, trolley bases, etc., 1623 E. 43d, Cleveland, Ohio.
Holland, William H., flour mills, Seale, Ala.
Hollander & Johnson, drop forging dies, rubber molds, Worcester, Mass.
Hollander Machin'y Co., Inc., second hand, 3 Howard, New York.
Hollander & Morrill, wood auto. bodies, Amesbury, Mass.
Hollands Mfg. Co., bench vices, 352 E. 18th, Erie, Pa.
Hollenbach, Frank H., flour mills, Schnecksville, Pa.
Hollenback, Edwin E., Inc., contractor, 200 N. 15th, Phila., Pa.
Hollenbeck, A. C., brick, Missoula, Mont.
Hollenbeck, Bush Planing Mill Co., Fresno, Cal.
Hollenbeck Mfg. Co., drag road scrapers, rollers, etc., Holdrege, Neb.
Holler, Chas., masons' & bldrs.' matls., Hummelstown, Pa.
Holler, John H., Jr., architect, 82 Wall, New York.
Hollerbach & May Contract Co., contrs., Evansville, Ind.
Hollerlith Building & Contracting Co., 1298 Union av, New York.
Hollern & Johnson, contractors, St. Cloud, Minn.
Holley, C. B., contractor, Augusta, Ga.
Holley Carburetor Co., carburetors, 145 Willis av, E., Detroit, Mich.
Holley Co., knife sharpeners, 21 Elm, Rochester, N. Y.
Holley Mfg. Co., cutlery mfrs., Lakeville, Conn.
Holley-Mason Hardware Co., Spokane, Wash.
Holley Milling Co., Ogden, Utah.
Holliday Eng. Co., machsts., 1818 Milwaukee av, Chicago, Ill.
Holliday-Kemp Co., chemicals, Woodside, L. I.
Holliday, Lewis J., architect, Laramie, Wyo.
Holliday, Read & Sons, Ltd., aniline colors, 160 Franklin, New York.
Holliday, W. H., Co., whol. hdwe. & masons' & bldrs.' matls., Laramie, Wyo.
Holliday, W. J., & Co., mill & facty. supplies, heavy iron, steel & whol. hdwe., etc., 326 W. Georgia, Indianapolis, Ind.
Hollihan & Milostan, cornices, Duluth, Minn.
Hollinger Constr. Co., New Nelson Bldg., Kansas City, Kan.
Hollinger Cutlery Co., Fremont, Ohio.
Hollinger, Jacob F., harness, Lowell, Ohio.
Hollinger Job Construction Co., New Nelson Bldg., Kansas City, Mo.
Hollinger, M. G., & Co., cornices, Marion, Ind.
Hollinger Planing Mill Co., sash, door & blind, Chambersburg, Pa.
Hollingshead, J. D., Co., cooperage stock, 208 S. La Salle, Chicago, Ill.
Hollingshead-Kernan Co., sash, door & blind mfrs., Homestead, N. J.
Hollingshead, R. M., Co., lubricating oils & greases, Camden, N. J.
Hollingshurst & Co., bone dlrs., etc., 66 Beaver, New York.
Hollingsworth & Bragdon, architect, 9 E. 40th, New York.
Hollingsworth, Henry, flour, Wyandotte, Okla.
Hollingsworth, J. E., & Co., contractors, Memphis, Tenn.
Hollingsworth, Jos., masons' & bldrs.' matls., Temple, Tex.

Hollingsworth & Peterson, chemicals, Lafayette Bldg., Philadelphia, Pa.
Hollingsworth & Vose Co., paper & pulp mills, 141 Milk, Boston, Mass.
Hollingsworth, W. T., archl. iron, Covington, Ky.
Hollingsworth Wheel Co., Hagerstown, Md.
Hollingsworth & Whitney Co., paper & pulp mills, 185 Devonshire, Boston, Mass.
Hollingsworth, Wm., machinist, 229 N. Holliday, Baltimore, Md.
Hollis, A. M., & Co., masons' & bldrs.' matls., Canandaigua, N. Y.
Hollis & Co., mill & facty. supp., Little Rock, Ark.
Hollis & Duncan, paper bags, 732 W. Lake, Chicago, Ill.
Hollis, H., Co., architectural & interior woodwork, Hartford City, Ind.
Hollis, H. L., metallurgical engrs., 122 S. Michigan av, Chicago, Ill.
Hollis, J. A., & Son, lbr. mfrs., Reynoldsville, Pa
Hollis, N. F., machsts. & fndrs., Taylorsville, Ill.
Hollis Tractor Co., Pittsburgh, Pa.
Hollister, Amos, & Co., lumber & masons' & bldrs.' matls, Oshkosh, Wis.
Hollister & Bryant, lbr. mfrs., Cheningo, N. Y.
Hollister Builders' Supply Co., Rochester, N. Y.
Hollister, F. W., architect, Saginaw, Mich.
Hollister Lbr. Co. (Ltd.), Rochester, N. Y.
Hollister-Whitney Co., freight elevators, mill & facty. supplies, etc., Quincy, Ill.
Holliston Book Cloth, 2 W. 13th, New York.
Hollivan & Parker, cornices, Portland, Me.
Hollow Cable Mfg. Co., shingle bands, beaters, weather vanes, etc., Hornell, N. Y.
Hollow Center Packing Co., packing mfrs., 608 S. Dearborn, Chicago, Ill.
Hollow Rock Roller Mill, flour, Hollow Rock, Tenn.
Holloway Expanded Metal Co., 515 2d, San Francisco, Cal.
Holloway, J. F., lumber, 312 Commercial Terrace blvd., Philadelphia, Pa.
Hollowell & Bunch, flour, Selwin, N. C.
Hollowell & Wise Co., wholesale hdwe., Penn Yan, N. Y.
Holly Condensed Milk Co., canned goods, Amity, Ore.
Holly, Henry H., architect, 38 W. 32d, New York.
Holly Springs Stoneware & Fire Brick Co., Holly Springs, Miss.
Holly Sugar Co., Denver, Colo.
Hollywell Mills, paper, Chambersburg, Pa.
Hollywood Mfg. Co., woolen blankets, Hollywood, W. Va.
Holm, G. A., & Bros., pads & tablets, Mansfield, Ohio.
Holm, Gust., contractor, Rockford, Ill.
Holm, Jas. M., contractor, 5566 Arch, Philadelphia, Pa.
Holm & Merchant, contractor, 68 Post, San Francisco, Cal.
Holman & Co., silver plated hollow ware, Cincinnati, Ohio.
Holman, F. C., machinist, Tuolumne, Cal.
Holman, Hugh B., contractor, Rochester, Ind.
Holman, Jason R., machts. & fndrs., Hinsdale, N. H.
Holman, Jno., & Co., spring beds, mattresses, 134 Richmond, Boston, Mass.
Holman, R., & Co., desk mfrs., Chelsea, Mass.
Holman Soap Co., 3104 Fox, Chicago, Ill.
Holmberg, Chas., & Co., vacuum & steam revolving pans, etc., 1439 Austin av, Chicago, Ill.
Holmberg, Salomon, contractor, Warren, Pa.
Holmboe & Lafferty, architects, Clarksburg, W. Va.
Holmen Canning Co., Holmen, Wis.
Holmes, A. E., & Bro. Co., cornices, Superior, Wis.
Holmes, Alfred H., architect, Hyde Bldg., Spokane, Wash.
Holmes Automobile Co., Canton, Ohio.
Holmes & Binkley, contractors, Tampa, Fla.
Holmes & Blanchard Co., machsts. & fndrs., 31 State, Boston, Mass.
Holmes Bros., contractors, 256 B'way, New York.
Holmes Bros., machinists, 500 S. Peoria, Chicago, Ill.
Holmes Bros., stone producers, Wilkinsburg, Pa.
Holmes, Chas., Leather Working Machy. Co., Cambridge, Mass.
Holmes Co., canned goods, Robbinston, Me.
Holmes & Co., contractors, Nantucket, Mass.
Holmes, D. H., architect, Timken Bldg., San Diego, Cal.
Holmes, D. H., Co., mattresses, New Orleans, La.
Holmes & Dawson, fertilizer mfrs., Norfolk, Va.
Holmes, E. A., Packing Co., Eastport, Me.
Holmes, E. & B., Machy. Co., Buffalo, N. Y.
Holmes, E. M., machinist, Lynn, Mass.
Holmes & Edwards Silver Co., Bridgeport, Conn.
Holmes & Ehmann, architects, 135 E. Bay, Jacksonville, Fla.
Holmes Elec. Protective Co., burglar alarms, 26 Cortlandt, New York.
Holmes, F. B., & Co., fire brick & masons' & bldrs.' matls., Penobscot Bldg., Detroit, Mich.
Holmes Fibre Graphite Mfg. Co., graphite bearings & brushes, 5155 Wakefield, Philadelphia, Pa.
Holmes & Flinn, architects, 8 S. Dearborn, Chicago, Ill., & Sioux Falls, S. D.
Holmes, G. H., knitted gloves, Gloversville, N. Y.
Holmes, Geo. H., & Co., lumber, Alpena, Mich.
Holmes, H. E., & Co., carriages, 744 Folsom, San Francisco, Cal.
Holmes-Herrick Lbr. Co., Gulfport, Miss.
Holmes, Howard C., consulting & civil engr., 112 Market, San Francisco, Cal.
Holmes Iron Co., Rutland, Vt.
Holmes, Isaac, elastic surgical hosiery, 3519 Zumstein av, Cincinnati, Ohio.
Holmes, J. A., Lbr. Co., 10th, Spruce, St. Louis, Mo.
Holmes, J. S., & Son, contrs., Wilkinsburg, Pa.
Holmes, J. W., engng. instrumens, Batavia, N. Y.
Holmes, Jas., & Son, turpentine, Perry, Fla.
Holmes, John, architect, Marathon, N. Y.
Holmes, John G., elastic hosiery, 111 S. 8th, Philadelphia, Pa.
Holmes, Jno. W., brick, New Britain, Conn.
Holmes & Johnson, sashes, doors & blinds, Berea, Ohio.
Holmes, L. T., lumber, Longstreet, La.
Holmes-Landwehr Heating Co., Toledo, Ohio.
Holmes Lime & Cement Co., Postal Tel. Bldg., San Francisco, Cal.
Holmes, M. C., Canning Co., Eastport, Me.
Holmes, M. D., & Son Co., heating contr., Salem sq., Worcester, Mass.
Holmes Mfg. Co., advtg. spec., 161 N. Harrison, Chicago, Ill.
Holmes Mfg. Co., filing machines, vises, etc., Shelton, Conn.
Holmes Metallic Packing Co., Wilkes-Barre, Pa.
Holmes, O. H., hosiery & elastic webbing, Conshohocken, Pa.
Holmes, Pyott & Co., machsts. & fndrs., 159 N. Jefferson, Chicago, Ill.
Holmes, Robt., & Bros., chutes, mill & facty. supplies, mine hoists, etc., Danville, Ill.
Holmes, Rutledge, architect, Duval Bldg., Jacksonville, Fla.
Holmes, Samuel, boilers, Salt Lake City, Utah.
Holmes Tractor Co., engines, Port Clinton, Ohio.
Holmes, Wm. G., Bronze Co., Bedford, Ohio.
Holmes, Willis B., architect, Macomb, Ill.
Holmes & Winslow, architects, 103 Park av, New York.
Holmes, Zachariah, architect, Rapid City, S. Dak.
Holmesburg Granite Co., Commercial Trust Bldg., Philadelphia, Pa.
Holmgren, Eric O., architect, 373 Fulton, Brooklyn, N. Y.
Holmquist & Co., ladders, ironing boards, etc., W. 35th & S. Maplewood av, Chicago, Ill.
Holmquist & Swanson, curtain stretchers, 2536 S. Western av, Chicago, Ill.
Holophane Glass Co., shades & reflectors, 340 Madison av, New York.
Holophane Glass Wks. of Gen. Elec. Co., Newark, Ohio.
Holsinger, Paul, & Son, canned goods, Downes, Md.
Holsman, Henry K., architect, McCormick Bldg., Chicago, Ill.
Holst, W. O., Builders' Supply Co., Toledo, Ohio.
Holstead Sign & Nov. Co., advtg., Scimiter Bldg., Memphis, Tenn.
Holstead & Sullivan, architects, Palladio Bldg., Duluth, Minn.
Holstein, Aug., contractor, 1726 Chestnut, Milwaukee, Wis.
Holstein, Ferber & Deuprey, architects, Reno, Nev.
Holston Box & Lumber Co., packing box, Knoxville, Tenn.
Holt & Beebe Co., auto annunciators, lamps, etc., 51 Chardon, Boston, Mass.
Holt Bros. Mfg. Co., carriage & wagon bodies, Concord, M. H.
Holt, Chas. L., architect, 150 Nassau, New York.
Holt Construction Co., Federalsburg, Md.
Holt, Duane F., & Son, architects & contractors, Nashua, N. H.
Holt Elec. Co., 379 S. Pierce, Milwaukee, Wis.
Holt-Fairchild Co., contractors, Old South Bldg., Boston, Mass.
Holt, Frank, soap, Manchester, N. H.
Holt, G. L., Co., hdwe. mfrs., Hartford, Conn.
Holt, Gant & Holt Cotton Mfg. Co., Elon College, N. C.
Holt & Gregg Co., lime mfrs., Redding, Cal.
Holt & Gregg Co., masons' & bldrs.' matls., Red Bluff, Cal.
Holt, Jared, Co., shoemakers' wax, Albany, N. Y.
Holt & Jeffery, contractors, Seattle, Wash.
Holt, John, contractor, 950 E. 1st So., Salt Lake City, Utah.
Holt, Jno., & Co., glue mfrs., Lowell, Mass.
Holt Lumber Co., 431 S. Dearborn, Chicago, Ill.
Holt-Lyon Co., carpt. & egg beaters, Tarrytown, N. Y.
Holt Mfg. Co., mill & facty. supplies & agricultural implements, Stockton, Cal.
Holt Mfg. Co., turkish towels, Paterson, N. J.
Holt, O. C., contractor, 110 Jessie, San Francisco, Cal.
Holt, Sam'l (Est of), brick, Concord, N. H.
Holt, Samuel T. H., common brick, Philippi, W. Va.
Holt, Shattuck Co., mill & ftcy. supplies, 29 Otis, East Cambridge, Mass.
Holt-Williamson Mfg. Co., tickings, Fayetteville, N. C.
Holter, A. M., Hardware Co., Helena, Mont.
Holthaus Saddlery Co., 1449 N. 6th, St. Louis, Mo.
Holtkamp, E. E., cornices & skylights, Houston, Tex.
Holton-Abbott Mfg. Co., valve handles & wheels, 59 Goram, W. Somerville, Mass.
Holton & Adams, almond meal, 29 E. 22d, New York.
Holton, Alfred J. S., architect, 32 Nassau, New York.
Holton Brick Co., Holton, Mich.
Holton, Frank, & Co., musical instruments, 2638 Gladys av, Chicago, Ill.
Holtz Co., machsts. & fndrs., Evansville, Ind.
Holtz, F., Co., tubular boilers, Evansville, Ind.
Holtz Fdry. & Mfg. Co., Fremont, Ohio.
Holtzlaw, C. Taylor, architects, Hampton, Va.
Holtzendorf Laboratories, chemists, Memphis, Tenn.
Holtzer-Cabot Elec. Co., fire alarms, charging sets, etc., 125 Amory, Boston, Mass.
Holtzman, Hy., & Sons Co., piano benches, Columbus, Ohio.

Holtzman, W. D., Jr., architect, Adel, Ia.
Holub-Dusha Co., machsts., 1799 1st av, New York.
Holwick, B. C., meat choppers & slicers, Canton, Ohio.
Holyoke Bar Co., machsts. & fndrs., Holyoke, Mass.
Holyoke Belting Co., Holyoke, Mass.
Holyoke Brick Co., Holyoke, Mass.
Holyoke Card & Paper Co., R. R. stationery, etc., Springfield, Mass.
Holyoke Envelope Co., Holyoke, Mass.
Holyoke Halter Mfg. Co., Holyoke, Mass.
Holyoke Heater Co., water heaters, Holyoke, Mass.
Holyoke Machine Co., paper & pulp mill machy., Holyoke, Mass.
Holyoke Plush Co., Holyoke, Mass.
Holyoke Supply Co., steam, water, gas & plumbing supplies, Holyoke, Mass.
Holyoke, Thos. G., architect, Endicott Bldg., St. Paul, Minn.
Holyoke Valve & Hydrant Co., engineers & contractors for heating & automatic sprinkling systems, mill, facty. & steam fitters' supplies, Holyoke, Mass.
Holz, Herman A., metal testing instruments, 2 Madison av, New York. *See adv index at end of book.*
Holzapel's Am. Composition Co., 18 Broadway, New York.
Holzapfel's Am. Composition Co., paint mfrs., 175 Beard, Brooklyn, N. Y.
Holzbog, G. H., & Bro., carriages, Jeffersonville, Ind.
Holzendorf, Geo. W., ties, poles & posts, Kolokee, Fla.
Holzer, R. G. (Est. of), fire doors, New Orelans, La.
Holzinger, F. F., brick, Huntington, Ind.
Holzmueller, C. J., theatre switchboards, 4063 Mission, San Francisco, Cal.
Homan, J. & E., machsts., 435 W. B'way, New York.
Homan Mfg. Co., silverware, etc., Findlay Western & Hulbert av, Cincinnati, Ohio.
Homan, Vandever S., machsts., Pennsgrove, N. J.
Home Art Glass Wks., signs, 290 14th, San Francisco, Cal.
Home Building & Financing Co., Youngstown, Ohio.
Home Canning Co., Blissfield, Mich.
Home Canning Co., Kempton, Ind.
Home Chemical Co., fire extinguishers, 107 Adams, Rochester, N. Y.
Home Construction Co., 1507 Walnut, Kansas City, Mo.
Home Construction Co., Lexington, Ky.
Home Cotton Mills, sheeting, 2d & Barton, St. Louis, Mo.
Home Devices Corp., clothes washing machines, 33 35th, Brooklyn, N. Y.
Home Embroidering Mach. Co., Kansas City, Kan.
Home Equipment Co., tele. cabinet wk., Pleasanton, Kan.
Home & Export Duplicator Co., 89 Front, New York.
Home Fertilizer & Chemical Co., Calvert Bldg., Baltimore, Md.
Home Fertilizer & Cotton Oil Co., Headland, Ala.
Home Fuel Co., masons' & bldrs.' matls.. Grand Rapids, Mich.
Home Furnace Co., machsts., Holland, Mich.
Home Guano Co., fertilizer mfrs., Dothan, Ala.
Home Industry Iron Wks., Mobile, Ala.
Home Light Co. of Am., 1955 Park av, New York.
Home Lumber Co., Carthage, Mo.
Home Mfg. Co., paper balers, Mattoon, Ill.
Home Mfg. Co., sash, door & blind, Port Huron, Mich.
Home Milling Co., flour, Greenville, Ky.
Home Mixture Guano Co., Columbus, Ga.
Home Packing & Ice Co., Terre Haute, Ind.
Home Roofing Co., cornices, 263 Winder, Detroit, Mich.
Home Rubber Co., Trenton, N. J.
Home Specialty Mfg. Co., clothes washing machines, 1015 Power av, Cleveland, Ohio
Home Stove Co., Indianapolis, Ind.
Home Stove Wks., 2622 W. 18th, Chicago, Ill.
Home Supply Co., kerosene oil lamps, 1411 N. Wyandotte, Kansas City, Mo.
Homegardner Sand Co., Sandusky, Ohio.
Homelius, Frank H., architect, Batavia, N. Y.
Homer Brass Wks., machsts. & fndrs., 231 Race, Phila., Pa.
Homer Bros. & Muir Co., duster mfrs., 66 Pearl, Boston, Mass.
Homer Commutator Co., armatures, 4748 Hough av, N. E., Cleveland, Ohio.
Homer Cotton Oil Co., Homer, La.
Homer, Eleazer B., architect, 87 Weybosset, Providence, R. I.
Homestake Mining Co., machsts. & fndrs., Lead, S. D.
Homestead Brick Co., Homestead, Pa.
Homestead Brick Yards, Homestead, N. J.
Homestead Iron Wks., machinists, Homestead, Pa.
Homestead Lbr. Co., Sacramento, Cal.
Homestead Valve & Mfg. Co., machsts. & fndrs., 134 6th av, Pittsburgh, Pa.
Hommel, Ludwing & Co., elec. lamps, 947 Penn av, Pittsburgh, Pa.
Hommel, O., Co., bronzing liquids, Hope & Maple, Pittsburgh, Pa.
Hondo Gin & Milling Co., flour, Hondo, Tex.
Honeoye Falls Furniture Co., desk mfrs., Honeoye Falls, N. Y.
Hones, Chas. A., gas soldering furnaces, 94 Noble, Brooklyn, N. Y.
Honesdale Union Cut Glass Co., Honesdale, Pa.
Honess, Frank C., architect, 24 S. Sprague av, Pittsburgh, Pa.
Honey Clark Canning Co., Aurora, Mo.
Honeyman Hardware Co., 9th & Hoyt, Portland, Ore.
Honeywell, A. A., Co., architects, Kokomo, Ind.
Honeywell Heating Specialty Co., Wabash, Ind.
Honhorst, Jos., Co., ore wagons, watering troughs, steel tanks & stacks, etc., 1016 W. 6th, Cincinnati, Ohio.
Honkamp Bros., pig lead, brass ingots, 3951 Wentworth av, Chicago, Ill.
Honolulu Iron Wks. Co., Honolulu, Hawaii.
Honolulu Plantation Co., sugar refinery, Hooker & Lent Bldg., San Francisco, Cal.
Honstain Bros. Co., grain elevator builders, 306 Corn Ex., Minneapolis, Minn.
Hood, B. Mifflin, brick, Atlanta, Ga.
Hood Bros., mechanics' tools, 180 Oxford, Philadelphia, Pa.
Hood Canning Wks., Portland, Ind.
Hood Furnace & Supply Co., Corning, N. Y.
Hood Milling Co., flour, Gulfport, Miss.
Hood, R. H., Co., contractors & dock bldrs., 111 B'way, New York & 1842 Gtn. av, Philadelphia, Pa.
Hood, Raymond M., architect, 7 W. 42d, New York.
Hood Rubber Co., rubber boots & goods, Watertown, Mass.
Hood, W. H., fertilizer mfrs., Mt. Airy, Md.
Hood & Wright, lumber, Big Rapids, Mich.
Hoodwin, J. W., Co., advertg. specialties, 2494 W. Van Buren, Chicago, Ill.
Hook, Chas. C., architect, Charlotte, N. C.
Hook & Hastings Co., organs, Kendal Green, Mass.
Hook, Jacob W. & C. H., & Co., lubrg. oils, 3700 Bank, Baltimore, Md.
Hook, Jno. H., contractor, Lancaster, Pa.
Hook Patent Kiln Co., Columbus, Ohio.
Hooke, Geo. H., canned goods, 203 California, San Francisco, Cal.
Hooker, C. V., & Son, mill & facty. supplies, St. Johnsbury, Vt.
Hooker Electrochemical Co., 40 Wall, New York.
Hooker, H. M., Co., glass stainers, paint mfrs., 651 W. Wash., Chicago, Ill.
Hooker Hardware Co., Muskogee, Okla.
Hooker Limestone Co., crushed stone, Chattanooga, Tenn.
Hooker, O. V., & Son, machy., Perkins, St. Johnsbury, Vt.
Hooker Richard, architect, Farmers Bank Bldg., Pittsburgh, Pa.
Hooker Steam Pump Wks., 318 Granite Bldg., St. Louis, Mo.
Hookey, W. T., & Sons Co., masons' & bldrs.' matls., 227 E. 129th, New York.
Hookless Fastener Co., machsts., Meadville, Pa.
Hookway, C. T., Constr. Co. (The), Bastable, Syracuse, N. Y.
Hoole & Gesswein, mill & facty. supplies, 84 Walker, New York.
Hoole Mach. & Engraving Wks., 29 Prospect, Brooklyn, N. Y.
Hooley, I. A., canned goods, Topeka, Ind.
Hoonah Packing Co., canned goods, Port Townsend, Wash.
Hooper, C. A., & Co., wood tanks, Balboa Bldg., San Francisco.
Hooper Canning Co., Ogden, Utah.
Hooper & Co., brewery architects, 118 Market, Newark, N. J.
Hooper-Dombrink Art Glass Co., Oakland, Cal.
Hooper, Falkenau, Engng. Co., mill engnrs., Woolworth Bldg., New York.
Hooper, F. E., & Son, snow shovels & washboard mfrs., Biddeford, Me.
Hooper, F. P. & J. A., lumber, 110 Market, San Francisco, Cal.
Hooper, Francis X., Co., box board printing machines, Glenarm, Md.
Hooper, Havey, & Co., granite producers, North Sullivan, Me.
Hooper, Henry N. architect, Lincoln Inn Court, Cincinnati, O.
Hooper, John W., contractor, Trenton, N. J.
Hooper Lbr. Co., 17th & Illinois, San Francisco, Cal.
Hooper Milling Co., flour, Raht, Tenn.
Hooper, Parker Morse, architect, 15 W. 38th, New York.
Hooper, S. F., & Co., contractors, 101 Tremont, Boston, Mass.
Hooper Sons' Mfg. Co., tex. machy., (tapes, braids & cords), Juniper & Cherry, Phila., Pa.
Hooper, Wm. E., & Sons Co., cotton duck mfrs., Baltimore, Md.
Hooper, Wm. T., architect, 2721 S. Michigan av, Chicago, Ill.
Hoopes Bros. & Darlington, wagon spokes, wheels, etc., West Chester, Pa.
Hoopes, Isaac W., meat packers, Mount Cuba, Del.
Hoopes, J. Willard, architect, Lansdowne, Pa.
Hoopes, Ralston R., masons' & bldrs.' matls., West Chester, Pa.
Hoopes, Rufus C., masons' & bldrs.' matls., Fernwood, Pa.
Hoopes & Townsend Co., bolts, iron rolling mills, rivets, screws, washers, etc., Broad & Buttonwood, Philadelphia, Pa.
Hoopeston Canning Co., Hoopeston, Ill.
Hoopeston Planing Mill Co., cash, door & blind, Hoopeston, Ill.
Hoornbeek's, John C., Sons, paper & pulp mills, wood, flour, etc., Napanoch, N. Y.
Hoosac Co., marble dust, silica, North Adams, Mass.
Hoosac Valley Lime Co., Adams, Mass.
Hoose & Person Construction Co., Iron Mountain, Mich.
Hoosier Brick Co., New Albany, Ind.
Hoosier Casting Co., Connersville, Ind.
Hoosier Fence Co., Frankton, Ind.
Hoosier Mfg. Co., kitchen cabinets, grain separators, New Castle, Ind.
Hoosier Mfg. Co., soap, 45 S. Cruse, Indianapolis, Ind.
Hoosier Motor Co., machsts., Goshen, Ind.
Hoosier Specialty Co., Veneer, Ladoga, Ind.
Hoosier Storage Battery Co., Evansville, Ind.
Hoosier Stove Co., Marion, Ind.
Hooten, Chas. B., lbr. mfrs., Danville, Ill.

Hooton Lbr. Co., Terre Haute, Ind.
Hooton & Son, contractors, Greenfield, Ind.
Hooven & Allison Co., cordage & twine mfrs., Xenia, Ohio.
Hooven, Owens, Rentschler Co., steam engines, Hamilton, Ohio.
See adv index at end of book.
Hoover, A. L., & Co., lbr., Winston-Salem, N. C.
Hoover, A. T., & Co., masons' & bldrs.' matls., Nashville, Tenn.
Hoover, Chas., masons' & bldrs.' matls., Ashland, Ohio.
Hoover, F. L., & Sons, contractors, 1023 Cherry, Phila., Pa.
Hoover, G. W., cornices, Audubon, Iowa.
Hoover, G. W., lumber, Williamsport, Pa.
Hoover, H. J., sash, door & blind, Marcellus, Mich.
Hoover, Ira W., architect, 105 S. La Salle, Chicago, Ill.
Hoover, J. B., machsts., 619 N. Fourth, Columbus, Ohio.
Hoover Mfg. Co., agricultural implements, Avery, Ohio.
Hoover & Mason, contractors, coal & ore handling machy., etc., 80 E. Jackson blvd, Chicago, Ill.
Hoover Spring Co., 617 Turk, San Francisco, Cal.
Hoover Steel Ball Co., steel balls, Ann Arbor, Mich.
Hoover Suction Sweeper Co., New Berlin, Ohio.
Hoover, W. H., Co., harness, New Berlin.
Hoover, W. H., Jr., architect, 10 W. Grand, Elizabeth, N. J.
Hoover Wagon Co., auptomobile bodies mfrs., York, Pa.
Hoover, Wallace A., sash, door & blind, Riverside, Pa.
Hope Brick Works, Hope, Ark.
Hope Bros., optical goods, Knoxville, Tenn.
Hope Building Co., 87 Weybosset, Providence, R. I.
Hope Canning Co., Hope, Ind.
Hope, Clifton, brick, St. Michaels, Md.
Hope Co., cotton sheetings, Hope, R. I.
Hope Engng. & Supply Co., gas engines, 803-06 Farmers Bank Bldg., Pittsburgh, Pa., and Mt. Vernon, Ohio.
Hope Fan & Blower Co., driers, Kansas City, Mo.
Hope Fertilizer Co., Hope, Ark.
Hope Forge & Machine Co., Mount Vernon, Ohio.
Hope Foundry Co., Auburn, R. I.
Hope, Geo. D., Lbr. Co., R. A. Long Bldg., Kansas City, Mo.
Hope Glass Wks., 161 Dorrance, Providence, R. I.
Hope Hardware Co., Hope, Ark.
Hope, John, & Sons Engraving & Mfg. Co., 1 Mashapaug, Providence, R. I.
Hope Lumber Co., Hope, Ark.
Hope Mill Supply Co., 3 Washington, Providence, R. I.
Hope Vacuum Cleaner Co., 1800 Central, Kansas City, Mo.
Hope Webbing Co., insulating tape, etc., 1005 Main, Providence, R. I.
Hope, Wm. H., Co., bolts, screws, Lowell, Mass.
Hopedale Mfg. Co., textile machy., supplies, etc., Millford. Mass. Mass.
Hopeman, A. W., & Sons Co., contractors, Rochester, N. Y.
Hopeman Bros. Lbr. & Mfg. Co., Rochester. N. Y.
Hopes Combustion Engng. Co., gray iron & semi-steel castings, Glens Falls, N. Y.
Hopewell Bros., inner tube bags, Watertown, Mass.
Hopewell Lumber Co., Hopewell Junction, N. Y.
Hopewell Valley Canning Co., Hopewell, N. J.
Hopkins, Albert Hart, architect, German Ins. Bldg., Buffalo, N. Y.
Hopkins, Alfred, architect, 101 Park av, New York.
Hopkins & Allen Arms Co., Br. of Marlin Rockwell Corp., machsts. & fndrs., Norwich, Conn.
Hopkins Bros., contractors, Youngstown, Ohio.
Hopkins & Co., bk. & office railings, 199 Franklin, New York.
Hopkins, E. L., architect, 129 W. 2nd, Los Angeles, Cal.
Hopkins Fertilizer Co., New Albany, Ind.
Hopkins, Frank, tubular boilers, Seattle, Wash.
Hopkins, Frank, & Co., clothes bars, North Girard, Pa.
Hopkins, Harold V., mill & facty. supplies, South Attleboro, Mass.
Hopkins, J. F., Est. of, carriages, Waco, Tex.
Hopkins, J. L., & Co., powdered licorice, 100 William, New York.
Hopkins, Johns, Oil Co., lubrg., Stewart Bldg., Baltimore, Md.
Hopkins, Jonathan L., canned goods, Vernon, Del.
Hopkins, L., Mfg. Co., clothes bars, North Girard, Pa.
Hopkins Lbr. Co., Lorane, Ore.
Hopkins & McEntee, architects, 37 E. 28th, New York.
Hopkins, P. B., contractor, Atlanta, Ga.
Hopkins, R. C., shoe counters, Lynn, Mass.
Hopkins, S. H., masons' & bldrs.' matls., Newton, N. J.
Hopkins, W. F., ice tongs, Groton, N. Y.
Hopkinson, Chas. W., architect, Rose Bldg., Cleveland, Ohio.
Hopkinson Leather Co., Woburn, Mass.
Hopkinson Mach. Wks., Springfield, Mass.
Hopkinsville Lime Wks., Hopkinsville, Ky.
Hopkinsville Milling Co., flour, Hopkinsville, Ky.
Hopler Bros., machsts. & fndrs., Naughright, N. J.
Hopmann Cornice Co., 2573 Benton, St. Louis, Mo.
Hopp Carriage Co., Mifflinburg, Pa.
Hopp, J. Lawrence, architect, 404 Summit av, Pittsburgh, Pa.
Hopp, J. W., Construction Co., Cedar Rapids, Ia.
Hoppe, Chas., Co., brass castings, 121 Opera pl, Cincinnati, O.
Hoppe, J. P., architect, Mitchell, S. D.
Hoppe, Paul F., Co., clocks, gauges, 123 Liberty, New York.
Hoppen, J. E., & Sons, mfg. machinists, 78 Main, Belleville, N. J. *See adv. index at end of book.*
Hoppenberg Machine Co., Findlay, Ohio.
Hopper, C. T., Furniture Co., mattresses, Sioux City, Iowa.
Hopper, Daniel A., architect, Irvington, N. J.
Hopper, Faikenau Eng. Co., architects, Woolworth Bldg., New York.
Hopper, Havey & Co., granite, North Sullivan, Me.
Hopper, James C., architect, Leaksville, N. C.
Hopper, Jno. J., Inc., contractor, 217 W. 125th, New York.
Hopper Paper Co., pads, Johnsonburg, Pa.
Hopper, Thos. T., Co., contractors, 280 Madison av, New York.
Hopper, Wm. E., hand fids., Paterson, N. J.
Hoppes Mfg. Co., heaters & purifiers, Springfield, Ohio.
Hoppin & Field, architects, 32 Westminster, Providence, R. I.
Hoppin & Koen, architects, 244 5th av, New York.
Hoppinger Co., loose leaf devices, 118 St. Clair av, N. E., Cleveland, Ohio.
Hopson & Chapin Mfg. Co., htg. contrs.; castings, etc., New London, Conn.
Hopson, Chas. H., architect, Healey Bldg., Atlanta, Ga.
Hopson, W. C., Co., cornices & skylights, shingles, etc., Grand Rapids, Mich.
Hoquiam Lumber & Shingle Co., Hoquiam, Wash.
Hoquiam Packing Co., Hoquiam, Wash.
Hoquiam Sash & door Co, Hoquiam, Wash.
Hoquiam Steam Boiler Wks., tubular, Hoquiam, Wash.
Horan, Jas. J., & Co., mill & facty. supplies, Troy, N. Y.
Horan Stay Hanger Co., cups, circles, hangers, washers, etc., 1932 W. Jefferson, Louisville, Ky.
Horat, Joseph, piston rings, Lafayette, Ind.
Hord Bros., contrs., 1015 Eastlake av, Seattle, Wash.
Hord, T. B., Alfafa Meal Co., Central City, Neb.
Horenburger & Bardes, architects, 122 Bowery, New York.
Horenburger, Herrman, & Son, architects, 656 E. 163d, New York.
Horicon Wind Mill Co., Horicon, Wis.
Horigan Supply Co., mill & facty. & plumbers' supplies, St. Joseph, Mo.
Horine, John T., & Sons, masons' & bldrs.' matls., Delphos, Ohio.
Horizontal Freezer Co., 18 N. Kinzie, Chicago, Ill.
Horlick's Malted Milk Co., cereal foods, Racine, Wis.
Hormeister, Leo, Co., lubrg. oils & greases, Frest Hill & Hofmeister av, Wilwaukee, Wis.
Hormel, Geo. A., & Co., meat packers, Austin, Minn.
Horn, A. C., Co., paints, waterproof materials, etc., Bodine, Long Island City N. Y.
Horn & Brannen Mfg. Co., fndrs., 427 N. Broad, Phila., Pa.
Horn Bros. Mfg. Co., bedstead mfrs., 1144 W. Superior, Chicago, Ill.
Horn, Carl A., 1035 Myrtle av, Baltimore, Md.
Horn, Carl J., architect & contractor, Logansport, Ind.
Horn, E. Co., sash, door & blind mfrs., Topeka, Kans.
Horn, Edward C., Sons, architects & contractors, 1476 B'way, New York.
Horn Elec. Co., 110 S. Desplaines, Chicago, Ill.
Horn, Geo. J., architect & contractor, Findlay, Ohio.
Horn-Holland Co., varnish mfrs., Bodine, Long Island City, N. Y.
Horn, J. G., architect, Hot Springs, Ark.
Horne, L. D., contr., Portland, Ore.
Horn-Lowden Co., cornices, New Haven, Conn.
Horn, M. T., Co., fountain pen mfrs., 114 Park pl, New York.
Horn, Philip, machsts. & fndrs., Shelton, Wash.
Horn Products Co., horn combs, Leominster, Mass.
Horn & Sandstrom, bldg. contrs., Portland, Ore.
Horn, T. L., Trunk Co., 1101 Washington, St. Louis, Mo.
Horn, W. C., Bro. & Co., post card albums, 541 Pearl, New York.
Horn, W. S., Sign Posting Co., Springfield, Ill.
Horn, Wm. H., & Bro., tannery machy., 451 N. 3d, Phila., Pa.
Horn, Wm., Structural Iron Wks., 336 N. Leavitt, Chicago, Ill.
Hornbeak Milling Co., flour, Hornbeak, Tenn.
Hornbeck, F. S., architect, Livingston, Mont.
Hornbeck, J. K., & Son, excelsior mfrs., Hancock, N. Y.
Hornberger, J. A., & Son, masons' & bldrs.' matls., Vermilion, Ill.
Hornblower & Marshall, architects, 1410 H, N. W., Washington, D. C.
Hornbostel, Henry, architect, 63 William, New York.
Hornbrook-Price Co., poultry coops, 1970 Madison av, Indianapolis, Ind.
Horne & Butler, turpentine, Havana, Fla.
Horne, Geo. W., Co., cornices, Lawrence, Mass.
Horne & Hall, contractors, Concord, N. H.
Horne, J. H., & Sons Co., machsts. & fndrs., Lawrence, Mass.
Horne, J. K., & Son, masons' & bldrs.' matls., Struthers, Ohio.
Horne-Johnson Co., flour, Mocksville, N. C.
Horne Mfg. Co., elec. car brakes, trolley bases, catches & sand boxes, etc., 50 Court, Brooklyn, N. Y.
Horner, W. S., & Co., steel bars, sheets, plates, etc., Oliver Bldg., Pittsburgh, Pa.
Horner, Wm., lumber, Reed City, Mich.
Horner, Wm. J., burlap, 62 Beaver, New York.
Hornet Mantel Co., 1112 Market, St. Louis, Mo.
Horning Electric Mfg. Co., machsts., Cleveland, Ohio.
Hornthal & Co., coffins, etc., 1339 S. Wabash av, Chicago, Ill.
Hornum, Louis A., architect, 405 Lexington av, New York.
Hornung, J. C., steam traps, 343 S. Dearborn, Chicago, Ill.
Hornung, Jacob, cooperage stock, New Batavia, Ohio.
Horowitz, Max R., architect, 25 W. 32d, New York.
Horridge & Hinman, machsts., 628 Race, Philadelphia, Pa.
Horrocks Desk Co., Herkimer, N. Y.

Horrocks-Ibbotson Co., fishing tackle, Utica, N. Y.
Horrocks Iron Wks., 234 N. Broad, Philadelphia, Pa.
Horrum, W. H., brick, Auburn, Neb.
Horsburgh Forge Co., 17310 St. Clair, Cleveland, Ohio.
Horsburgh & Scott Co., gears & pinions, 5114 Hamilton av, N. E., Cleveland, Ohio.
Horsch, Philip, contractor, Irvington, N. J.
Horschton Cotton Oil Mill & Mfg. Co., Horschton, Ga.
Horse Whip Co., whip mfrs., Westfield, Mass.
Horseless Age, trade publication, 95 Madison av, New York.
Horseshoers' Journal, trade publication, 142 Lafayette, Detroit, Mich.
Horsey, Roe, & Co., fertilizer mfrs., Greensboro, Md.
Horsford Bros. Co., mill & facty supplies, 235 Mission, San Francisco, Cal.
Horsman, E. I., Co., toys, games, etc., 11 Union sq, New York.
Horst, Henry W., Co., contractors, Horst Bldg., Rock Island Ill.
Horstmann, F. W., Co., feed water heaters, Irvington, N. J.
Horstmann, John, Co., silicate of soda & soda ash, 685 Bryant, San Francisco, Cal.
Horstman, Wm. H., Co., leg & foot protectors, military supplies, etc., 5th & Cherry, Philadelphia, Pa.
Horstmeier Lbr. Co., Stiles & E. Falls av, Baltimore, Md.
Hortman Co., contractors, 3110 S. Carr, New Orleans, La.
Horton, A. E., cornices, Poultney, Vt.
Horton Concrete Construction Co., Reliance Bldg., Kansas City, Mo.
Horton, D. E., Construction Co., Prudential Bldg., Buffalo, N. Y.
Horton, E., & Son Co., chucks, mfrs., Windsor Locks, Conn.
Horton, F. L., Mfg. Co., asbestos brake lining, 36 Whittier, Rox., Boston, Mass.
Horton, F. T., bird gravel, chloride of lime, Hoboken, N. J.
Horton, Fred L., contractor, Conneaut, Ohio.
Horton, H. R., Co., masons' & bldrs.' matls., 459 S. Water, Providence, R. I.
Horton, Harvey S., architect, Marine Nat'l Bank Bldg., Buffalo, N. Y.
Horton & Horton, contractors, Houston, Tex.
Horton & Hubbard Mfg. Co., traveling bags, Somerville, Mass.
Horton, John F., hoisting machy., 157th & 8th av, New York.
Horton Lime Co., Monadnock Bldg., San Francisco, Cal.
Horton Lumber Co., Altmar, N. Y.
Horton, M. V. B., lumber mfrs., Warwick, N. Y.
Horton Machine Wks., Elmira, N. Y.
Horton Mfg. Co., fishing rods & tackle, Bristol, Conn.
Horton Mfg. Co., ironing machs., Ft. Wayne, Ind.
Horton Mfg. Co., patterns & models, 3008 Univ. av, S. E., Minneapolis, Minn.
Horton & Moseley, contractors, 140 S. Dearborn, Chicago, Ill.
Horton Stone Co., Springfield, Mo.
Hortsmann, F. W., Co., machsts., East Newark, N. J.
Horvath, Geo., brass fndrs., Cleveland, Ohio.
Horvath, M. H., landscape architect, 649 Leader, Cleveland, O.
Horvay, Chas. Z., architect, 1808 Marmion av, New York.
Horwich,Vitkin, Co., curled hair, 2301 S. Paulina, Chicago, Ill.
Horwitz, Bernhard, architect, 500 5th av, New York.
Hosford, R., contractor, Lebanon, Ind.
Hosie, Horace W., mill & facty. supplies, Franklin, Mass.
Hosket, Chas. F., contractor, 662 E. Richard, Dayton, Ohio.
Hoskins & Hudley, flour mills, Essex Mill Va.
Hoskins, J. S., Lumber Mfg. Co., Baltimore, Md.
Hoskins, John M., architect, 2837 W. Madison, Chicago, Ill.
Hoskins, L. G., machsts. & fndrs., Tacoma, Wash.
Hoskins Mfg. Co., elec. cooking apparatus, 453 Lawton, Detroit, Mich.
Hosley, M. B., & Son, lumber mfrs., Wells, N. Y.
Hosmer Bros., granite, Groton, Vt.
Hosmer, Clare C., architect, 64 W. Randolph, Chicago, Ill.
Hosmer, G. A., Co., lubricating oils & greases, 375 Ellicott, Buffalo, N. Y.
Hosmer, W. A., lbr., Bellaire, Mich.
Hospital Rubber Co., medicinal atomizers, Attleboro, Mass.
Hospital Supply Co., 53 5th av, New York.
Hossack Bros., contractors, 62 Schermerhorn, Brooklyn, N. Y.
Hossafous, H. C., lumber mfrs., Dayton, Ohio.
Hossfeld Trunk, Bag & Suit Case Co., Topeka, Kan.
Hossman, Henry, steel structural work, Portsmouth, Ohio.
Hosteter, O. H., Hanover, Pa.
Hostetter Connellsville Coke Co., 434 5th, Pittsburgh, Pa.
Hot Blast Feather Co., mattresses, Grand Rapids, Mich.
Hot Springs Plumbing & Machine Co., Hot Springs, Ark.
Hot Springs Sanitary Fertilizer Co., Hot Springs, Ark.
Hotchkin, R. B., architect, Rowell Bldg., Fresno, Cal.
Hotchkiss, Blue & Co., machsts., 80 E. Jackson blvd, Chicago, Ill.
Hotchkiss Bros. Co., masons' & bldrs.' matls., sash, door & blind mfrs., etc., Torrington, Conn.
Hotchkiss, E. H., Co., machy., Norwalk, Conn.
Hotchkiss, Edw. S., hdwe. mfrs., Bridgeport, Conn.
Hotchkiss & Harris, architects, 229 S. Jefferson av, Peoria, Ill.
Hotchkiss, Jas. M., sheet metal stamping, Fairfax, Vt.
Hotchkiss Metal Form Co., Binghamton, N. Y.
Hotchkiss, Sam., contractor, St. Joseph, Mo.
Hotchkiss & Son, mattresses, Lawrenceville, Pa.
Hotchkiss, T. D., Co., nippers, Deep River, Conn.
Hotchkiss & Templeton, mill & facty. supplies & whol. hdwe., Waterbury, Conn.
Hotchkiss, Vail & Garrison Co., plumbers' supplies—jobbers, 103 E. 41st, New York.
Hotopp Varnish Co., Hoboken, N. J.
Hotstream Heater Co., 1385 E. 17th, Cleveland, Ohio.
Hottel, Benj. K., wood handles, Passer, Pa.
Hotton, Bartholomew J., architect, Schiller Bldg., Chicago, Ill.
Hotz Lbr. Co., masons' & bldrs.' matls., Edwardsville, Ill.
Houchin-Aiken Co., machy. dlrs., etc., 113 53rd, Brooklyn, N. Y.
Houchin, Thos. W., Co., ice cream freezers, vegetable slicers, corers, graters, etc., 36 E. 12th, New York.
Houck, Chas. H., architect, Muncie, Ind.
Houck, W. O., heating contrs., Bangor, Pa.
Houda, Jos. F., architect, 1912 S. Crawford av, Chicago, Ill.
Houde Construction Co., Kankakee, Ill.
Houdeshell & Stover, contractors, Bradford, Ohio.
Houdlette, Fred A., & Son, steam fitters' supplies, 93 Broad, Boston, Mass.
Houff, A. Dale, & Co., contractors, Terre Haute, Ind.
Hough Cash Recorder Co., Indian Orchard, Mass.
Hough, Chas. N., Mfg. Co., oil well supps., Franklin, Pa.
Hough, Ed. S., consulting engnr., Bureau Veritas Engnr. Surveyor, 16 California, San Francisco, Cal.
Hough, H. H., soap, Burlington, Vt.
Hough, Sam'l L., contractor, 344 Roebling, Brooklyn, N. Y.
Hough Shade Corporation, Janesville, Wis.
Hough, W. S., Jr., Co., brass & copper rods, sheet & seamless tubing wire, gold & silver alloys, etc., 61 Peck, Providence, R. I.
Hough, Wm. C., architect, 110 W. 40th, New York.
Houghland Bros. Canning Co., Underwood, Ind.
Houghland, O. A., architect, Chariton, Ia.
Houghtaling & Dougen, architect, Henry Bldg., Portland, Ore.
Houghten, Chas. T., & Co., canvas gloves, 493 Baker, Dtroit, Mich.
Houghton-Anderson, contrs., Hollingsworth Bldg., Los Angeles, Cal.
Houghton Constr. Co., 544 Market, San Francisco, Cal.
Houghton, E. F., & Co., mill & facty. supplies, 240 W. Somerset, Philadelphia, Pa.
Houghton, E. W., Lbr. Co., masons' & bldrs.' matls., Galva, Ill.
Houghton, E. W., & Son, architects, Collins Bldg., Seattle, Wash.
Houghton, F. O., heating contr., Worcester, Mass.
Houghton Mfg. Co., textile machinery & sheet metal stamping, Worcester, Mass.
Houghton-Merkel Co., delivery wagons, Marion, Ohio.
Houghton & Richards, iron & sheet, 145 Oliver, Boston, Mass.
Houghton Sulky Co., carriages, Marion, Ohio.
Houlihan, Michael J., contr., Grosvenor Bldg., Providence, R. I.
Houlton Fndry. & Mach. Co., Houlton, Me.
Houlton Lumber Co., Houltonville, La.
Houlton, Sam'l P., stone prodcrs, Lagonda Creek, Springfield, O.
Houlton Woolen Mill, blankets, sweaters, etc., Houlton, Me.
Houma Brick Mfg. Co., Houma, La.
Houma Cypress Co., Ltd., lbr. mfrs., Houma, La.
Houman, Oakley, architect, 6 Park av, Paterson, N. J.
Houpert Mach. Co., piston rings, 351 W. 52d, New York.
Houpt, Irvin B., contractor, Norristown, Pa.
Housatonic Machine & Tool Co., rubber straining & tubing machy., Bridgeport, Conn.
Housatonic Rubber Wks., Bridgeport, Conn.
House, C. W., & Sons, architects, 819 Madison av, Cincinnati, O. & Covington, Ky.
House, Chas. W., & Sons, felt mills, Unionville, Conn.
House Cold Tire Setter Co., 4143 Laclede av, St. Louis, Mo.
House Furnishing Review, trade publication, 200 5th av, New York.
House-Hasson Hardware Co., Knoxville, Tenn.
House, John H., Jr., architect, 503 5th av, New York.
Household Appliance Co., flut brushes, etc., Neenah, Wis.
Household Equipment Co., fireless cookers, 171 27th av, S. E., Minneapolis, Minn.
Household Granite Tub Co., ldry. tub covers, New Haven, Conn.
Household Mfg. Co., carpet, vacuum sweepers, 1221 Filbert, Philadelphia, Pa.
Household Mfg. Co., household specialties, Royersford, Pa.
Housekeeper, Benj., masons' & bldrs.' matls., 1526 N. American, Philadelphia, Pa.
Houser Elev. Co., Syracuse, N. Y.
Houser Lumber Co., Anniston, Ala.
Houser, O. E., machinist, Chillicothe, Ohio.
Houser & Son, flour mills, Pataha City, Wash.
Houser, W. L., Canning Co., Fort Valley, Ga.
Houser, Wm. H., architect, Pottsville, Pa.
Housman, C. G., canned goods, Troutville, Va.
Housman, C. H., jwlry cases, 78 Bedford, Boston, Mass.
Houston, A. C., & Son, contractors, Richmond, Va.
Houston Armature Wks., Houston, Tex.
Houston Bros., lumber, Vicksburg, Miss.
Houston Bros. Co., masons' & bldrs.' matls., 32d & P. R. R., Pittsburgh, Pa.
Houston, C. B., & Co., steel struct. dlrs., Franklin Bank Bldg., Philadelphia, Pa.
Houston, C. S., contractor, Astoria, Ore.
Houston Car Wheel & Mach. Co., Houston, Tex., and Hobart Bldg., San Francisco, Cal.
Houston Coal & Coke Co., Elkhorn, W. Va.

Houston Co-operative Mfg. Co., sashes, doors & blinds, Houston, Tex.
Houston Cotton & Fertilizer Co., Dothan, Ala.
Houston County Oil Mill & Mfg. Co., Crockett, Tex.
Houston, E. C., & Co., masons' & bldrs.' matls., Tekamah, Neb.
Houston, Geo. T., & Co., lbr., 80 E. Jackson, Chicago, Ill.
Houston Guano Co., fertilizer mfrs., Dothan, Ala.
Houston Iron Wks., Houston, Tex.
Houston, J. E., butter tubs, Stowe, Vt.
Houston Mfg. Co., machsts., Rockford, Ill.
Houston Packing Co., Houston, Tex.
Houston Planing Mill, interior hardwood wk., Houston, Tex.
Houston Show Case & Mfg. Co., Houston, Tex.
Houston Soap Wks., Houston, Tex.
Houston, Stanwood & Gamble Co., machs. & fdrs., Covington, Ky.
Houston Structural Steel Co., Houston, Tex.
Houx, Frank T., contractor, Sioux City, Ia.
Hovey, Geo. Walter, architect, Marietta, Ohio.
Hovorka, John D., elec. & gas light fixtures, 3509 W. 12th, Chicago, Ill.
Howard, A. Co., automobiles, Galion, Ohio.
Howard, A. G., lightning arresters, Holdredge, Neb.
Howard, A. L., contractor, 19 S. La Salle, Chicago, Ill.
Howard, Albert, contractor, Lexington, Ky.
Howard, Alonzo, cornices & skylights, Shelbyville, Ind.
Howard, B., lumber mfrs., Union Center, N. Y.
Howard Brick Co., Claremore, Okla.
Howard Brick Co., Howard, Pa.
Howard Broom Co., 4437 N. Lincoln, Chicago, Ill.
Howard Bros., contractors, 412 Dorchester av, Boston, Mass.
Howard Bros. Boiler Wks., 23 Indiana, Buffalo, N. Y.
Howard Bros. Mfg. Co., textile machy., Worcester, Mass.
Howard & Bullough Am. Mach. Co. (Ltd.), Pawtucket, R. I.
Howard, C. B., Co., lumber, Emporium, Pa.
Howard, C. T., poultry, feed, Mulino, Ore.
Howard, C. W., contractor, 3318 E. 10th, Indianapolis, Ind.
Howard Co., masons' & bldrs.' matls., New Haven, Conn.
Howard Creek Mill Co., flour, Reepsville, N. C.
Howard Dustless Duster Co., mnfrs.; also dry dust mops, 290 Franklin, Boston, Mass.
HOWARD (THE), E., CLOCK CO., makers for 75 years of the famous "E. Howard & Co., Boston," Clocks, 373 Washington, Boston, Mass. *See adv index at end of book.*
Howard, E. D., Broom Co., Columbus, Ohio.
Howard, E., Watch Wks., Waltham, Mass.
Howard, Edw. A., & Son, archts., Bastable Bldg., Syracuse, N. Y.
Howard, Emmons, Organ Co., Westfield, Mass.
Howard & Euphrosine, steam fitters' supplies, New Orleans, La.
Howard, Frank, machy. dlr. & masons' & bldrs.' matls., Pittsfield, Mass.
Howard, G. A., Jr., architect, 756 S. B'way, Los Angeles, Cal.
Howard, Gaylord & Co., sash, door & blind, South Hadley, Mass.
Howard, Geo. B., & Sons Co., contractors, Brockton, Mass.
Howard Glass Wks., 104 Chambers, New York.
Howard, H. J. N., Mfg. Co., hose racks, fire extinguishers, 148-150 Pierce, N. W., Washington, D. C.
Howard Handle & Spoke Co., Howard, Pa.
Howard Hardware Co., wholesale, Bellows Falls, Vt.
Howard, Homer M., brick, Columbus, Ga.
Howard & Howard, archts., O'Kane Bldg., Far Rockaway, N. Y.
Howard Iron Wks., freight elev., metal goods, etc., Buffalo, N. Y.
Howard, J. L., architect, Tulsa, Okla.
Howard, J. M., & Sons, carriages, Uniontown, Pa.
Howard, J. W., pavement testing analyzer, 1 B'way, New York.
Howard, Jas. L., & Co., machsts. & fndrs., Hartford, Conn.
Howard, Jno. G., architect, 604 Mission, San Francisco, Cal.
Howard, John T., Co., tin plate, metals, etc., Norfolk, Va.
Howard Lumber & Coal Co., masons' & bldrs.' matls., Franklin, Pa.
Howard Mfg. Co., elastic webbing, 97 Monument, Boston, Mass.
Howard & Merriam, architects, 8 E. Broad, Columbus, Ohio.
Howard Metal Co., Reading, Pa.
Howard, Michael E., machst., Indianapolis, Ind.
Howard Miniature Lamp Co., elec. toys, 338 Main, E. Orange, N. J., & 487 Orange, Newark, N. J.
Howard & Morse, wire screens, etc., 46 Fulton, New York.
Howard, Norman B., architect, 5899 Delmar av, St. Louis, Mo.
Howard Paper Co., Urbana, Ohio.
Howard Park Brick Co., Chattanooga, Tenn.
Howard, Paul J., architect, 1521 W. 7th, Los Angeles, Cal.
Howard Plumbing & Supply Co., Howard & Mercer, Newark, N. J.
Howard, R. S., Co., pianos, 35 W. 42d, New York.
Howard Shipyards Co., machsts. & fndrs., Jeffersonville, Ind.
Howard Stove Co., Beaver Falls, Pa.
Howard Stove Wks., Ralston, Neb.
Howard, Theo. F., architect, Pendleton, Ore.
Howard, W. B., Jr., landscape architect, 15 Broad, New York.
Howard, W. M., granite prod., Blue Hill, Me.
Howard & Wread, contractors, Sarasota, Fla.
Howard's, S. E., Son & Co., razon strops, 1150 B'way, New York.
Howarth, A., & Son, woolen flannels, Oxford, Mass.
Howarth, G. H., & Son, contractors, Johnstown, N. Y.
Howarth & Rogers Co., auto. bodies, Amesbury, Mass.
Howatt, C. B., & Son, contractors, Portland, Me.
Howden, J. J., Co., mill & facty. supplies, Muskegon, Mich.
Howe, A. J., cornices, Streater, Ill.
Howe & Basset Co., steamfitters' supps., Rochester, N. Y.
Howe-Baumann Balloon Co., 187 Murray, Newark, N. J.
Howe Chain Co., elevator chains & buckets, Muskegon, Mich.
Howe Comb Co., celluloid combs, horn hair pins & novelties, Leominster, Mass.
Howe Co., clothes washing machines, Wheeling, W. Va.
Howe Engine Co., fire engines, Indianapolis, Ind.
Howe & French Isinglass Co., 89 State, Boston, Mass.
Howe, Geo., architect, 205 S. Juniper, Philadelphia, Pa.
Howe, Geo. B., architect, 79 Milk, Boston, Mass.
Howe, Geo. R., common brick, Medaryville, Ind.
Howe, H. M., Co., carriages, 417 Fountain, Providence, R. I.
Howe, Lois L., & Manning, archts., 101 Tremont, Boston, Mass.
Howe, Louis W. S., feldspar miners, Glastonbury, Conn.
Howe Mfg. Co., lamps, 115 E. Ontario, Chicago, Ill.
Howe Mill Crayon Co., 442 Merrimack, Lowell, Mass.
Howe, N. L., sash, door & blind, Clinton, Mass.
Howe, Oliver R., mill & facty. supplies, Lynn, Mass.
Howe, R. J., belting cloth, 320 B'way, New York.
Howe Rubber Co., tubes—inner auto., New Brunswick, N. J.
Howe Scale Co., Rutland, Vt.
Howe Scale Co. of Ill., industrial & portable rys., 1315 S. Wabash av, Chicago, Ill.
Howe Scale Co. of N. Y., 341 B'way, New York.
Howe Varnish Co., 253 Norman av, Brooklyn, N. Y.
Howe, W. B., Supply Co., mill & facty. & plumbers' supplies, St. Joseph, Mo.
Howell, A. T., flour mills, Fincastle, Va.
Howell, C. H., & Co., paints, varnish mfrs., etc., 212 Race, Philadelphia, Pa.
Howell, Chas. M., buttons, Waltham, Mass.
Howell, E. W., contractor, Babylon, N. Y.
Howell, F. M., Co., cigar boxes, Elmira, N. Y.
Howell, F. R., Brass Wks., fndrs., 122 N. Franklin, Phila., Pa.
Howell Fertilizer Co., Newark, Ohio.
Howell, Field & Goddard, metal windows & doors, Review av, Long Island City, N. Y.
Howell, Geo. W., Co., cornices, Nashville, Tenn.
Howell, H. W., architect, Lewisohn Bldg., Butte, Mont.
Howell, Harry T., architect, 149th & Willis av, New York.
Howell-Hill Mill Co., lumber mfrs., Tacoma, Wash.
Howell-Hinchman Co., patent leather, Middletown, N. Y.
Howell, J. L., & Son, contrs., Nashville, Tenn.
Howell, J. W., contractor, Danville, Ill.
Howell Lumber Co., New Brunswick, N. J.
Howell & Murray, machinists' clamps, Waverly, N. Y.
Howell, R. R., & Co., agricultural implements, mill & facty. supplies, 31st av, S. E., & 4th, Minneapolis, Minn.
Howell Shingle Co., Ry. Exch. Bldg., Portland, Ore.
Howell, T. P., & Co., patent leather, New st, Newark, N. J.
Howell & Thomas, architects, Cuyahoga Bldg., Cleveland, & 151 E. Broad, Columbus, Ohio.
Howell, Thos. H., flour mills, Camden, Del.
Howell, W. H., Co., machsts. & fndrs., Geneva, Ill.
Howell's, D. J., Sons, stone producers, Easton, Pa.
Howells Mining Drill Co., machsts. & fndrs., Plymouth, Pa.
Howells & Stokes, architects, 100 William, New York, & Henry Bldg., Seattle, Wash.
Howend, Frank, architect, 69 Wisconsin, Milwaukee, Wis.
Hower, Henry, architect, Bloomsburg, Pa.
Hower, J. K., slate, Danielsville, Pa.
Hower & Stender, contractors, Scranton, Pa.
Howery-Taylor Milling Co., flour, Roanoke, Va.
Howes, Edward T., architect, 503 5th av, New York.
Howes, Forest E., machy. bldg. pattern & mach. jobbing, 307 Atlantic av, Boston, Mass.
Howes Lbr. Co., 545 W. 71st, Chicago, Ill.
Howes, R. H., Constr. Co., 105 W. 40th, New York.
Howes, S., Co., machsts. & fndrs., Silver Creek, N. Y.
Howes, S. M., Co., fire place furnishings mfrs., 42 Union, Boston, Mass.
Howes, W. J., architect, 243 High, Holyoke, Mass.
Howie, A., & Son, granite, Quincy, Mass.
Howie Roofing Co., fireproof doors, 370 4th av., Detroit, Mich.
Howison, Charles, architect, Sandwich, Ill.
Howland, B., architect, Brandon, Vt.
Howland Bag & Paper Co., Dexter, N. Y.
Howland, E. H., Lumber & Coal Co., masons' & bldrs.' matls., South Omaha, Neb.
Howland, F. L., machy. dlrs., 90 West, New York.
Howland, Henry R., architect, 103 Park av, New York.
Howland Pulp & Paper Corp., Howland, Me.
Howland & Son, masons' & bldrs.' matls., Athens, N. Y.
Howland, Wm. O., mill & facty. supplies, Chester, Pa.
Howler Mfg. Co., alcohol stoves, Cleveland, Ohio.
Howlet, J. & Co., seals & sealing presses, car, Irvington, N. J.
Howley Hardware Co., Bridgeport, Conn.
Howley, Jno. J., architect, Traders Bk. Bldg., Scranton, Pa.
Howrey, Marion E., common brick, Kingman, Ind.
Hoxie Ammunition Co., Chicago, Ill.
Hoxie, C. E., contractors, Augusta, Me.
Hoy & Co., plumbers' supplies—jobbers, Albany, N. Y.
Hoy, W. J., Co., contractors, Metropolitan Bldg., St. Paul, Minn.
Hoye, Thos. E., Heating Co., 509 E. Water, Milwaukee, Wis.
Hoyer Engng. Co., 281 Grove, Milwaukee, Wis.
Hoyle, Alexander E., architect, 15 Beacon, Boston, Mass.

Hoyle, Chas. R., architect, Slater Bldg., Worcester, Mass.
Hoyle & Scott, lumber, Cambridge, Ohio.
Hoyler Envelope Co., 411 S. Jefferson, Chicago, Ill.
Hoyles, J. T., brick, Marion, Ohio.
Hoynes Safety Powder Co., Cleveland, Ohio.
Hoysradt & Case, machsts., Kingston, N. Y.
Hoyt, B. Terrell, architect, Hoyt & Hamline, Minneapolis, Minn.
Hoyt Bros. & Co., bottle washing machs., Lynn, Mass.
Hoyt, Canner & Co., machsts. & fndrs., Ellenville, N. Y.
Hoyt, Clarence P., architect, 8 Beacon, Boston, Mass.
Hoyt, Dudley E., architect, South Norwalk, Conn.
Hoyt, E. S., landscape architects, 38 W. 11th, New York.
Hoyt, Ed. H., architect, 220 Devonshire, Boston, Mass.
Hoyt Elec. Instrument Wks., Penacook, N. H.
Hoyt, Fred C., carbureters, Boston, Mass.
Hoyt, Fred'k M., & Bro., brushes, Troy, N. Y.
Hoyt, H. P., Co., contractors, Monadnock Bldg., San Fran., Cal.
Hoyt Hdw. Co., cornices, Wellsville, N. Y.
Hoyt Heater Co., Los Angeles, Cal.
Hoyt, J. M., lumber, Prairie, Wash.
Hoyt, John, Co., carriage & wagon shafts, poles, etc., Delaware, N. J.
Hoyt & Lebourveau Co., granite, Barre, Vt.
Hoyt Mfg. Co., machinists, 115 N 9th, Minneapolis, Minn.
Hoyt Metal Co., mfrs. Babbit metals, solder, type metal, sheet lead, lead pipe & all mixed alloys, Boatmen's Bank Bldg., St. Louis, Mo.
Hoyt & Miles, contractors, Yonkers, N. Y.
Hoyt & Milne, Inc., granite producers, Barre, Vt.
H. P. B. Elec. Co., snap switches & automobile headlight dimmers, 30 E. 42nd, New York.
H. P. Co., abrasive wheel treeing devices, 45 Fort, E., Detroit, Mich.
Hradilek, Henry, architect, Illuminating Bldg., Cleveland, Ohio.
Hron, John B., architect, 25 W. 42d, New York.
Hroneck, F. J., architect, Rose Bldg., Cleveland, Ohio.
Hrovda, Jos., & Co., buttons, 439 E. 59th, New York.
H. & T. Constr. Co., 105 W. 40th, New York.
Hub, The, trade publication, 55 Duane, New York.
Hub City Iron Wks., Aberdeen, S. D.
Hub Cornice & Roofing Co., 184 Endicott, Boston, Mass.
Hub Cornice & Skylight Co., 43 Bristol, Boston, Mass.
Hub Elec., benders, 1819 Carroll av, Chicago, Ill.
Hub Furniture Co., Fort Worth, Tex.
Hub, J. C., Mfg. Co., office supplies, 1376 W. 3d, Cleveland, Ohio.
Hub Mach. Welding & Contg. Co., machsts., 22d & Race, Philadelphia, Pa.
Hub Mfg. Co., spokes, Jonesboro, Ark.
Hub Wire Cloth & Wire Work Co., bank railings, 108 Portland, Boston, Mass.
Hubard Fdry. & Machine Works, brass & bronze castings, Lynchburg, Va.
Hubbard, Archie H., architect, Champaign, Ill.
Hubbard & Carmichael Bros., lumber, San Jose, Cal.
HUBBARD & CO. Hubbard pole line hardware & bow arrow arms, Peirce forged steel pins, house brackets, mast arms, clamp pins, expansion bolts & hammer drills & Universal lightning arresters, for electric light overhead pole lines, shovels, spades and scoops, railroad track tools, washers & Co-z barrel plates, Pittsburgh, Pa.
Hubbard, Eldredge & Miller, chairs, Rochester, N. Y.
Hubbard, F. F., canned goods, Canastota, N. Y.
Hubbard Fertilizer Co., Keyser Bldg., Baltimore, Md.
Hubbard, Floyd, Co., Inc., contrs'. equipt., 90 West, New York.
Hubbard, Geo. W., Hardware Co., Flint, Mich.
Hubbard, H. V., landscape architect, 101 Tremont, Boston, Mass.
Hubbard, H. W., machst., Keene, N. H.
Hubbard, James, Co., canned goods, Ottoman, Va.
Hubbard & McClary, machsts. & fndrs., & hdwe. spects., Windsor, Vt.
Hubbard, M. D., Spring Co., Pontiac, Mich.
Hubbard, M. P. & Co., fertilizer mfrs., Calvert Bldg., Balto., Md.
Hubbard Machine Co., ball bearing application for textile machinery, also mill repairs, 72 Commercial, Worcester, Mass.
Hubbard, Melvin H., architect, Paul Bldg., Utica, N. Y.
Hubbard Motor Co., machsts. & fndrs., Middletown, Conn.
Hubbard, O. W., canned goods, East New Market, Md.
Hubbard Portable Oven Co., 1130 Belden av, Chicago, Ill.
Hubbard, Robt. M., brick, San Diego, Cal.
Hubbard, S. B., Co., whol. hdwe., mill, facty. & plumbers' supplies, etc., Jacksonville, Fla.
Hubbard Sash, Door & Lbr. Co., Manchester, N. H.
Hubbard Steel Foundry Co., castings, machine molded gears, & rolling mill machy., East Chicago, Ind.
Hubbard, W. B., & Sons Co., mill & facty. & plumbers' supplies, 176 Oliver, Boston, Mass.
Hubbard, W. J., canned goods, Teagues, Mo.
Hubbard's, Norman, Sons, soldering machs., 265 Water, Brooklyn, N. Y.
Hubbell & Benes, architects, 4500 Euclid av, Cleveland, Ohio.
Hubbell & Benninger, hat blocks, 324 Lafayette, New York.
Hubbell, C. T., & Co., lbr. mfrs., Albany, N. Y.
Hubbell, C. Z., architect, Falls City Blk., Spokane, Wash.
Hubbell Construction Co., Davenport, Ia.
Hubbell & Greene, architects, N. Texas Bldg., Dallas, Tex.
Hubbell, Hall & Randall Co., masons' & bldrs.' matls, Norwalk, Conn.
Hubbell, Harvey, screws, Bridgeport, Conn.
Hubbell, J. L., horse blankets, Ganado, Ariz.
Hubbell & Merwin Co., contrs., 19 Artizan, New Haven, Conn.
Hubbell-Oakes Motor Co., motor trucks, Atlanta, Ga.
Hubbell, Ray, & Co., ice creepers, Northville, N. Y.
Hubbell, S. W., Bldg. Co., 589 Knowlton, Bridgeport, Conn.
Hubbell & Staples Hardware Co., Norwalk, Conn.
Hubbell, W. W., & Co., dock bldrs., 886 Main, Bridgeport, Conn.
Hubbert, B. & H., steam-jacketed kettles, 202 S. 4th, Baltimore, Md.
Hubby, R. G., architect, 6412 Hollywood blvd, Los Angeles, Cal.
Hubel, R. W. architect, 51 N. 91st, New York.
Huber Builders' Material Co., 50 Vine, Cincinnati, Ohio.
Huber Cornice Co., 3744 St. Louis av, St. Louis, Mo.
Huber, E. S., lbr. mfrs., Charlotte, Mich.
Huber Grate Bar & Stocking Co., 1114 E. Monument, Balto., Md.
Huber & Huber, contractors, 23 Spear, San Francisco, Cal.
Huber, J. M., color mfrs. & imptrs., 602 62d, Brooklyn, N. Y.
Huber, Jacob & Co., contractors, 4332 Tower av, Cincinnati, O.
Huber, Jos. C., Jr., architect, Ohio Bldg., Toledo, Ohio.
Huber, Julius H., architect, 6712 N. Clark, Chicago, Ill.
Huber Lumber Yard, Moultrie, Ga.
Huber Machy. Co., 261 46th, Brooklyn, N. Y.
Huber Mfg. Co., key blanks, night latches, etc., 417 E. 93d, New York.
Huber Mfg. Co., traction engines, 170 N. Greenwood, Marion, Ohio.
Huber, Thomas F., architect, The Spitzer, Toledo, Ohio.
Huber Victor, Marble & Granite Co., Scott & St. Louis, New Orleans, La.
Hubert, Jno., coppersmith, 1714 Thames, Baltimore, Md.
Huberty, Ernest, archt., 8017 Whitethorn av, N. E., Cleveland, O.
Hubinger, J. C., Bros. Co., corn oils, starch mfrs., New Haven, Conn.
Hubley, Gordon A., leather mattress tufts, wiping cloths & paper mill felts, Worcester, Mass.
Hubley Mfg. Co., toy mfrs., Lancaster, Pa.
Huck, Fred J., machsts., Tucson, Ariz.
Huck Mfg. Co., store & bar fix., Quincy, Ill.
Hucke, Geo., & Sons Building Co., Railway Exchange Bldg., Kansas City, Mo.
Hucke Hardware Co., Belleville, Ill.
Huckins, P. S., Co., lumber, 40 Central, Boston, Mass.
Hucknall, Thos., contractor, Albion, N. Y.
Huddart, John J., architect, Bank blk, Denver, Colo.
Huddleston, A. E., lumber, White Sulphur Springs, W. Va.
Huddleston Canning Co., Thaxton, Va.
Huddleston, J. S. F., thermometers, 20 Devonshire, Boston, Mass.
Huddleston-Marsh Mahogany Co., 347 Madison av, New York.
Hudson, A. K., architect, Salina, Kans.
Hudson, B. A., & Co., carriages, Kingston, N. C.
Hudson Bag Mfg. Co., Bayonne, N. J.
Hudson Belt Fastener Co., 149 Church, New York.
Hudson Belting Co., leather belts & washers mfrs., 3 Eaton pl, Worcester, Mass.
Hudson, Benj. F., architect, 319 9th, Brooklyn, N. Y.
Hudson Boiler Mfg. Co., 359 W. 42d, New York.
Hudson Brass Fdry., 352 Pearl, New York.
Hudson Brass Wks., elec. light fix. mfrs., 16 Nassau, Brooklyn, N. Y.
Hudson, C. F., & Son, canned goods, Rocky Mount, Va.
Hudson, C. H., contrs., Trust & Savings Bldg., Los Angeles, Cal.
Hudson Cement & Supply Co., Baltimore nr 5th av, Balto., Md.
Hudson & Chester Granite Co., Chester, Mass.
Hudson, Collins & Hammerich, contractors, Rock Island, Ill.
Hudson Companies, contractors, 111 B'way, New York.
Hudson & Co., canned goods, Holley, N. Y.
Hudson Concrete Constr. Co., 452 Montgomery, Jer. City, N. J.
Hudson Counter Co., Hudson, Mass.
Hudson & Dugger Co., cooperage stock, Memphis, Tenn.
Hudson Export & Import Co., auto. springs, ball bearings, 1737 Broadway, New York.
Hudson Fibre Co., cotton felts, Hudson, N. Y.
Hudson Fdry. Co., 173 2d, Jersey City, N. J.
Hudson, H. L., Co., litho metal boxes, 56 Pearl, B'klyn, N. Y.
Hudson Hose Mender Co., Melrose, Mass.
Hudson, J. E., carriage mfr., Kinston, N. C.
Hudson, J. L., & Co., mill & facty. supplies, Springfield, Ill.
Hudson, M. D., Jr., & Co., brick, Gainesville, Ga.
Hudson, M. M., masons' & bldrs.' matls., Holly, Mich.
Hudson Machy. Co., Passaic, N. J.
Hudson Mfg. Co., barn equipts. & whol. hdwe., 308 3rd av, N. Minneapolis, Minn.
Hudson, Mathew J., contractor, Erie Co. Bk. Bldg., Buffalo, N. Y.
Hudson Metal Mfg. Co., stamping dies, 141 Railroad av, Jersey City, N. J.
Hudson Mechanical Rubber Co., 50 Church, New York.
Hudson Metal Bed Co., Lexington av & 46th, New York.
Hudson Motor Car Co., automobile builders, 2901 Jefferson av, Detroit, Mich.
Hudson & Munsell, architects, Stimson Bldg., Los Angeles, Cal.
Hudson Oil Co., lubrg., 109 Broad, New York.
Hudson Oil & Supply Co., 49 Hudson, Jersey City, N. J.
Hudson Parer Co., Leominster, Mass.

Hudson Products, goggles & eye protectors, 19 Madison av, New York.
Hudson, R. M., Co., contrs., Atlanta, Ga.
Hudson River Blue Stone Co., Kingston, N. Y.
Hudson River Fdry. Co., Poughkeepsie, N. Y.
Hudson River Lumber Co., De Ridder, La.
Hudson-Sharp Machine Co., Green Bay, Wis.
Hudson Supply Co., machsts.' tools, mill & facty. supplies, etc., Front & Market, Wilmington, Del.
Hudson, W. Asa. architect, Williamson Bldg., Cleveland, Ohio.
Hudson Wood Working Co., 1616 Webster av, New York.
Huebel, C. J., Co., lumber, Menominee, Mich.
Huebel Mfg. Co., oilers, 103 Monroe, Newark, N. J.
Hueber Bros., contrs., Syracuse, N. Y.
Huebner, Bleistein Patents Co., machsts., 1200 Niagara, Buffalo, N. Y.
Huebner, E., & Sons, pearl buttons, 123 Van Buren, Newark, N. J.
Huebner Mfg. Co., sash, door & blind, Detroit, Mich.
Huebner Screen Door Co., Detroit, Mich.
Huegly Milling Co., flour, Nashville, Ill.
Huenl, Schmid & Holmes, archt., 154 W. Randolph, Chicago, Ill.
Huelsman & Moore, lights, 134 Opera pl, Cincinnati, Ohio.
Huenefeld Co., stoves, Cincinnati, Ohio.
Huenerberg, William, architect, 1114 Forest av, New York.
Huesmann & Co., bristles, 47 Cliff, New York.
Huestis & Huestis, architects, 145 Chestnut, Springfield, Mass.
Huethwohl, Louis, fndr., 513 Flushing av, Brooklyn, N. Y.
Huetteman & Cramer Co., machsts., Mack & Beaufait, Detroit, Mich.
Huetter Constr. Co., Ex. Bk. Bldg., Spokane, Wash.
Huetter Mach. & Tool Co., Indianapolis, Ind.
Huettman & Cramer Co., mfrs. of refrigerating machinery, 26 Griswold, Detroit, Mich.
Huey, Geo. D., architect, N. Y. Life Bldg., Minneapolis, Minn.
Huey & Philip Hardware Co., Dallas, Tex.
Huff, Chas. B., architect, 1715 Park av, Shreveport, La.
Huff & Cook, flour mills, Roanoke, Va.
Huff Electrostatic Separator Co., 60 India, Boston, Mass.
Huff & Findley, ties, poles & posts, Buckhorn, Ky.
Huff, James A., cornices & skylights, Northville, Mich.
Huff, John P., umbrella mfrs., Troy, N. Y.
Huff, K. E., contractor, Canton, Ohio.
Huff, S. E., & Co., masons' & bldrs.' matls., Urbana, Ill.
Huff, Walter S., & Co., architects, Fort Scott, Kan.
Huffington, F. A., & Sons, Normal, Ill.
Huffins, Chas. C., & Co., contractors, Frankfort, Ind.
Huffman, J. W., architect, W. 317 Indiana, Spokane, Wash.
Huffman, W. D., Co., canned goods, Indianapolis, Ind.
Huffmans, W. H. C., Sons, contractors & masons & bldrs'. matls., Williamsport, Pa.
Hufford & Harding, canned goods, South Lebanon, Ohio.
Huffschmidt-Dugan Iron Wks., Bend, Ore.
Hufschmidt, L. A., Mfg. Co., elec. & gas light fixtures, 773 Mission, San Francisco, Cal.
Hug, A. C., machinist, Chambersburg, Pa.
Hug, R., & Son, sashes, doors & blinds, Navarra, Ohio.
Hugaboom, S. G., architect, Malone, N. Y.
Hugel, Fred, & Son, brooms, Lawrence, Mass.
Hugger Bros., contractors, Montgomery, Ala.
Huggins, Jas., & Son, coal tar products, Malden, Mass.
Hughart & Kendal, lbr. mfrs., Grand Rapids, Mich.
Hughart, W. O., Jr., lbr. mfr., Grand Rapids, Mich.
Hughes & Aaron, brick, Natchitoches, La.
Hughes, Andrew F., architect, 323 W. 69th, Chicago, Ill.
Hughes, B. S., architect, Commercial Tribune Bldg., Cincinnati, Ohio.
Hughes, B. & T., masons' & bldrs.' matls., Hudsonville, Mich.
Hughes & Backoff, architects, 31 Clinton, Newark, N. J.
Hughes-Bozarth-Anderson Co., harness, saddles, etc., Oklahoma, Okla.
Hughes Bros., contractors, 1123 B'way, New York.
Hughes Bros., miners' lamps, Scranton, Pa.
Hughes Bros. Co., masons' & bldrs.' matls., Bloomington, Ind.
Hughes Buggy Co., carriages, Lynchburg, Va.
Hughes, C. H., naval architect, 82 Beaver, New York.
Hughes & Chipman, billiard tables, 1405 Main, Kansas City, Mo.
Hughes, Clifton D., contractor, Altoona, Pa.
Hughes & Curren Co., Inc., auto tops, Rochester, N. Y.
Hughes Co., masons' & bldrs.' matls., Charleston, S. C.
Hughes & Co., plumbers' supplies—jobbers, Spokane, Wash.
Hughes, D. C., architect, Buckhannon, W. Va.
Hughes, D. E., architect, Espy, Pa.
Hughes David, stone producer, Fort Worth, Tex.
Hughes, E. F., cornices, furnaces, Titusville, Pa.
Hughes, E. G., contractor, Scranton, Pa.
Hughes, Edw. S., Co., whol. hdwe., Abilene, Tex.
Hughes Electric Heating Co., cooking apparatus, 5660 W. Taylor, Chicago, Ill.
Hughes, Elwood, architect, 210 W. 34th, New York.
Hughes-Evans Co., Inc., railings & fittings, brass, 30 E. 42nd, New York.
Hughes Eyelet Co., Taunton, Mass.
Hughes, F. J., & Co., architects, Hume-Mansur Bldg., Indianapolis, Ind., & 38 S. Main, Dayton, Ohio.
Hughes, G. V., lumber, Mount Orab,
Hughes, Geo. M., contractor, 211 E. Utica, Buffalo, N. Y.
Hughes Granite Co., Clyde, Ohio.
Hughes, Hugh, sash, door & blind mfrs., Turin, N. Y.
Hughes, J. D., Lumber Co., Highbridge, Ky.
Hughes, J. W., Co., massage vibrators, 110 E. 23d, New York.
Hughes, James T., cornices & skylights, Fall River, Mass.
Hughes, Jno., machst. & fndr., Mount Morris, Mich.
Hughes, John F., Constr. Co., 211 Post, Utica, N. Y.
Hughes, Jno., Hardware Co., Fond Du Las, Wis.
Hughes, Jno. R., & Co., trunk mfrs., 40 N. High, Columbus, O.
Hughes, John, & Son., contractors, Muskegon, Mich.
Hughes & Johnson, granite, Quincy, Mass.
Hughes-Keenan Co., structural steel, etc., Mansfield, Ohio.
Hughes Mfg. Co., dress hooks & eyes, etc., Rome, N. Y.
Hughes, N. R., Co., railings & fittings, brass, 42nd St. Bldg., New York.
Hughes & O'Rourke Constr. Co., Dallas, Tex.
Hughes & Patterson, fndrs., iron rolling mills, etc., 800 Richmond, Philadelphia, Pa.
Hughes, R. H., contractor, Long Branch, N. J.
Hughes, Richard, contractor, Wilkes-Barre, Pa.
Hughes & Russum, textile machy., supplies, etc., Oxford & Hedge, Philadelphia, Pa.
Hughes & Smythe, agricultural implements, Galena, Ohio.
Hughes & Son Piano Mfg. Co., Foxcroft, Me.
Hughes Supply Co., mill, facty. & plumbers' supplies, Mansfield, Ohio.
Hughes, Thos. R., architect, 141 Milk, Boston, Mass.
Hughes, Thos., & Son, contrs., 58 New York av, W., Washington, D. C.
Hughes Tool Co., rotary drill bits, Houston, Tex.
Hughes Universal Arc Lamp Co., 628 Race, Philadelphia, Pa.
Hughes, W. J., & Sons Co., plate glass, lbr. mfrs., etc., Louisville, Ky.
Hughes, Wm., Co., machinists, Bough, Providence, R. I.
Hughey, Wm. J., & Son, auto. wood bodies, 2518 Michigan av, Chicago, Ill.
Hughson & Co., lbr. mfrs., Albany, N. Y.
Hughson Steam Spec. Co., W. 21st & S. Racine av, Chicago, Ill.
Hugo Mfg. Co., gas regulators & burners, screw drivers, etc., Duluth, Minn.
Hugo Milling Co., flour, Hugo, Okla.
Hugro Mfg. Co., clothes line reels, vacuum cleaners, etc., 327 S. La Salle, Chicago, Ill.
Huile Co., lubrg. oil & greases, 152 Pleasant, Lynn, Mass.
Huil-Hodge Lbr. Co., Ltd., Hodge, La.
Huke, Wm., Rattan & Willowware Mfg. Co., 1007A 7th, St. Louis, Mo.
Hukill, Hunter Co., mill & facty. supplies, 414 Wood, Pittsburgh, Pa.
Hulbert Bros., trunks, Salt Lake City, Utah.
Hulbert, E. S., & Co., butchers' knives, Bernardstown, Mass.
Hulbert Electro-Steam Mfg. Co., elec. radiators & melting pots, 205 Tehama, San Francisco, Cal.
Hulburd, S. W., broom & wood handles, Brasher Falls, N. Y.
Hulburt, C., & Co., lubrg. oils, 240 Arch, Philadelphia, Pa.
Hulburt, Geo. D., architect, Broadway Market Bldg., Detroit, Mich.
Hulen, Taylor A., Carriage & Wagon Wks., Denver, Colo.
Hulett, Ralph M., Co., architects, Erie Bldg., Cleveland, Ohio.
Huling, Lundy, & Sons, sashes, doors & blinds, Myrtle Point, Ore.
Huling, Tom B., mach. & fndr., Lampasas, Tex.
Hull, A. E., Pottery Co., Crooksville, Ohio.
Hull Bros. Umbrella Co., Toledo, Ohio.
Hull, C. W., Co., masons' & bldrs.' matls., Omaha, Neb.
Hull & Dillon Packing Co., meat, Pittsburgh, Kan.
Hull, F. A., & Son, whol. hdwe. & mill, facty., plumbers' & steamfitters' supplies, Danbury, Conn.
Hull, Henry, contractor, 1418 F, N. W., Washington, D. C.
Hull, Jno. L., common brick, Cambridge, Ill.
Hull-Longnecker Co., lumber, Traverse City, Mich.
Hull Mfg. Co., boiler water feeders, 208 Dime Bank Bldg., Scranton, Pa.
Hull Vehicle Mfg. Co., Savannah, Ga.
Hull, W. S., architect, Jackson, Miss.
Hulla, John, architect, 140 S. Dearborn, Chicago, Ill.
Hulley Fdry. & Mach. Wks., 802 S. Adams, Marion, Ind.
Hull's, D. F., Sons, foundry, Hagerstown, Md.
Hulman, Israel J., mattresses, Binghampton, N. Y.
Hulme, Norman, architect, 1524 Chestnut, Philadelphia, Pa.
Hulse Bros. & Daniel Co., umbrella mfrs., 16 W. 22d, New York.
Hulse Mfg. Co., steel type, 165 William, N. Y.
Hulse, W. E., & Co., architects, Hutchinson, Kan.
Hulsebus, Bernhard L., architect, Jefferson Bldg., Peoria, Ill.
Hulsander, John D., architect, Park Bldg., Worcester, Mass.
Hulson Grate Co., grate bar mfrs., Keokuk, Ia.
Hulst & Van Heulen Fuel Co., masons' & bldrs.' matls., Grand Rapids, Mich.
Hultgreen, C. O., architect, Jamestown, N. Y.
Hultgren, W. P., architect, 1314 Marquette av, Minneapolis, Minn.
Hultquist Bros., machsts. & fndrs., Holdridge, Neb.
Hults, Ellsworth H., Jr., paper & pulp mills, 28 S. 6th, Philadelphia, Pa.
Hum & Leatherman, lightning rods, 103 Market, Pitts'bg., Pa.
Humane Restraint Co., furniture, Madison, Wis.
Humber, R. L., Mach. Wks., Greenville, N. C.

Humbert & Andrews, canned goods, 646 Dean, Brooklyn, N. Y.
Humbert, C. S., canned goods, Troutville, Va.
Humbert, J. S., machy. dlr., 114 Liberty, New York.
Humbert, Wm. S., masons' & bldrs.' matls., Niagara Falls, N. Y.
Humbird Lbr. Co., Sand Point, Idaho.
Humbird Supply Co., mill & facty. supplies, Cumberland, Md.
Humble, W. H., stoves, Holly Grove, La.
Humboldt Brick Mfg. Co., Humboldt, Kan.
Humboldt Cooperage Co., Arcata, Cal.
Humboldt Cotton Mills, cordage mfrs., Humboldt, Tenn.
Humboldt Mach. & Stamping Co., Vernon av & 10th, L. I. City, N. Y.
Humboldt Mfg. Co., scientific instruments, 2014 Nebraska av, Chicago, Ill.
Humboldt Milling Co., sashes, doors & blinds, Fortuna, Cal.
Hume, G. W., Co., canned goods, 112 Market, San Francisco, Cal.
Hume Mfg. Co., laundry marking machines, Kansas City, Kan.
Hume Mfg. Co., traction engines, Hume, Ill.
Hume Mill Co., flour, Bowling Green, Mo.
Hume, Raphael, architect, 477 5th av, New York.
Humes, Albert H., architect, Pawtucket, R. I.
Humes Construction Co., 76 Dorrance, Providence, R. I.
Humes Mfg. Co., mill & facty. supplies, East Providence, R. I.
Humidity Engng. Co., humidifiers, 208 S. La Salle, Chicago, Ill.
Humiston, Edgar, contractor, Sandwich, Ill.
Hummel, A. E., architect, Sheridan, Wyo.
Hummel C., & Sons, machinists, 320 Pearl, New York.
Hummel, David, Bldg. Co., 2629 Spring Grove av, Cincinnati, O.
Hummel & Downing Co., paper & pulp mills, N. Cambridge av. Milwaukee, Wis. & 343 S. Dearborn, Chicago, Ill.
Hummel, Geo. J., Saddletree Co., Madison, Ind.
Hummel & Hillebrand, contractors, Toledo, Ohio.
Hummel, J. F., & Sons, stone producers, Huntsville, Ala.
Hummel, W. F., Knitting Wks., sweaters, etc., 936 3rd, Milwaukee, Wis.
Hummell, Wm. W., contractor, Toledo, Oho.
Hummerch, Benj., brick, Freelandville, Ind.
Hump Hair Pin Mfg. Co., 1918 Prairie av, Chicago, Ill.
Humphreville, W. E., contractor & masons' & bldrs.' matls., Houston, Tex.
Humphrey Brick & Tile Co., Brookville, Pa.
Humphrey Bros., lumber, Gaylord, Mich.
Humphrey Co., water heaters, 715 Rose, Kalamazoo, Mich.
Humphrey, E. C., contractor, Hackensack, N. J.
Humphrey Gas Pump Co., 401 S. A. & K. Bldg., Syracuse, N. Y.
Humphrey, H. W., washers, Unionville, Conn.
Humphrey, John, contractor, 56 Perkins, New Haven, Conn.
Humphrey Mach. Co., Keene, N. H.
Humphrey Mfg. Co., machsts. & fndrs., Elkins, W. Va.
Humphrey Mfg. Co., machsts. & fdrs., Towanda, Pa.
Humphrey Pipe & Foundry Co., Bellefontaine, Ohio.
Humphrey, R. T., htg. contrs., 811 Flatbush av, Brooklyn, N. Y.
Humphrey & Son, agricultural implements, Joliet, Ill.
Humphrey-Widman Bookcase Co., Kirby & 14th, Detroit, Mich.
Humphrey & Young, paper & pulp mills, Napanoch, N. Y.
Humphreys, C. Gilbert, architect, Winston-Salem, N. C.
Humphreys, E. C., Co., alloys, blast furnaces, metals, etc., Book Bldg., Detroit, Mich.
Humphreys, Geo., dock bldr., 575 Clinton, Brooklyn, N. Y.
Humphreys, H., & Co., lbr., Camden, N. J.
Humphreys, John S., Esq., architect, 24 Avon, Cambridge, Mass.
Humphries, C. J., sash, door & blind, Ogden, Utah.
Humphryes, Mfg. Co., pumps, etc., Mansfield, Ohio.
Humphry's R. A., Sons, contractors' tents, tool bags, flag mfrs., etc., 1021 Callowhill, Philadelphia, Pa.
Humpton-Scott Co., toys, games & nov., Columbus, Ohio.
Humrickhouse, Samuel J., architect, Shepherdstown, W. Va.
Hundley, J., architect, Pittock Blk., Portland, Ore.
Hundred Milling Co., flour, Hundred, W. Va.
Huner, John T., match mfr., Evergreen, N. Y.
Hungarian Flour Mills Co., Denver, Colo.
Hunger, H. J., Brass Wks., Cleveland, Ohio.
Hunger & Scheidegger, machsts. & fndrs., Cleveland, Ohio.
Hungerford, Darius, architect, 842 Broadway, Nashville, Tenn.
Hungerford, J. A., cornices, Auburn, N. Y.
Hungerford, P. B., sash, door & blind, Lincoln, Ill.
Hungerford & Terry, water fitters, Penna. Bldg., Phila., Pa.
Hungerford, U. T., Brass & Copper Co., 80 Lafayette, New York.
Hunkin, Conkey Construction Co., Cuyahoga Bldg., Cleveland, O.
Hunkins-Willis Lime & Cement Co., Century Bldg., St. Louis, Mo.
Hunnewell Soap Co., 312 Genesee, Cincinnati, Ohio.
Hunnicutt, Chas., Co., seed corn graders, Wilmington, Del.
Hunnicutt, J. E., Co., cornices, Atlanta, Ga.
Hunsader, John, Mach. Co., Sturgeon Bay, Wis.
Hunsicker Engng. Co., machsts. & fndrs., Lebanon, Pa.
Hunt, A. C., & Co., meat packers, Springfield, Mass.
Hunt Bros., contractors, Kingston, N. Y.
Hunt Bros. Co., canned goods, San Francisco, Cal.
Hunt & Burns, architects, Laughlin Bldg., Los Angeles, Cal.
Hunt, C. H., Co., mining screens, Wilkes-Barre, Pa.
Hunt, C. Howard, Pen Co., machsts., Camden, N. J.
Hunt, C. W., Co., industrial trucks, etc., West New Brighton, New York. *See adv index at end of book.*
Hunt-Crawford Co., paper, Coshocton, Ohio
Hunt & Dorman Mfg. Co., stamping wks., 1600 E. 24th, Cleveland, Ohio.
Hunt, E. Hamilton, machsts.' tools & supplies, 136 W. Lake, Chicago, Ill.
Hunt, E. J., Mfg. Co., oil fitters, Newark, N. J.
Hunt, Edmund S., & Sons Co., fireworks, Weymouth, Mass.
Hunt, Edw. J., transformer oils, 707 Ordway Bldg., Newark, N. J.
Hunt Engineering Co., Republic Bldg., Kansas City, Mo.
Hunt, Geo. W., architect, 75 State, Albany, N. Y.
Hunt, Gilbert J., contractor, Richmond, Va.
Hunt Glass Co., Corning, N. Y.
Hunt, Harry, machst. & fndr., 97 Haverhill, Boston, Mass.
Hunt, Helm, Ferris & Co., agricultural implements & barn equipments, Harvard, Ill.
Hunt, Henry, glass stainers, 175 Steuben, Pittsburgh, Pa.
Hunt, Henry C., Co., mill & facty. supplies, 135 Oliver, Boston, Mass.
Hunt & Hunt, architects, 28 E. 21st, New York.
Hunt, J. Osborn, architect, 114 N. Montgomery, Trenton, N. J.
Hunt, J. T., & Co., contractors, Greensboro, N. C.
Hunt, Jas. B., Mfg. Co., masons' & bldrs.' matls., Trenton, N. J.
Hunt, Jarvis, architect, 30 N. Michigan av, Chicago, Ill.
Hunt & Kline, architects, 52 Vanderbilt av, New York.
Hunt & Kopitke, architects, The Spitzer, Toledo, Ohio.
Hunt, L. F., contractor, Decatur, Ill.
Hunt, M. A., Co., mattresses, Dempsey & C. H. & D. Ry., Cincinnati, Ohio.
Hunt, M. J., machy. dlrs., 1316 Beach, Philadelphia, Pa.
Hunt, M. N., contractor, Sault Sainte Marie, Mich.
Hunt Mfg. Co., disinfectants, 3335 Broadview, Cleveland, Ohio.
Hunt Metal Corner Co., sherardizing, Westboro, Mass.
Hunt & Mottet Co., whol. hdwe. & mill & facty. supplies, Tacoma, Wash.
Hunt, Myron, architect, Hibernian Bldg., Los Angeles, Cal.
Hunt Packing Co., Beaufort, S. C.
Hunt, Pen. C., Howard, Co., spring washers, Camden, N. J.
Hunt, Philip A., Co., gold leaf, 225 5th av, New York.
Hunt, R. H., architect, James Bldg., Chattanooga, Tenn.
Hunt, Robt. W., & Co., inspecting engrs., 175 W. Jackson blvd., Chicago, Ill.
Hunt, Rodney, Machine Co., machsts. & fndrs., Orange, Mass.
Hunt, Roland E., architect, First Natl. Bk. Bldg., Norwood, Cincinnati, Ohio.
Hunt-Spiller Mfg. Corp., gun metal castings, 383 Dorchester, Boston, Mass.
Hunt Spring Bed Co., Chattanooga, Tenn.
Hunt, W. A., sashes, doors & blinds, Cambridge, Ohio.
Hunt, W. W., & Co., landscape archt., 24 State, Hartford, Conn.
Hunt & Washburn, buckwheat flour, Delanson, N. Y.
Hunt, Wm., floor drains, 1512 S. Grand av, St. Louis, Mo.
Hunt, Wm. A., architect, Lonsdale Bldg., Duluth, Minn.
Hunt, Wm. E., architect, Torrington, Conn.
Hunter, A. J., machst. & fndr., Knobnoster, Mo.
Hunter, Alfred, & Son Co., brick, Albany, N. Y.
Hunter, Allen & Co., lumber, Winchester, Ill.
Hunter Arms Co., rifles, guns, etc., Fulton, New York.
Hunter, B. Frischkorn, mill & facty. supplies—wholesale, Richmond, Va.
Hunter & Bell, architects, Southern Bldg., Washington, D. C.
Hunter, Benn & Co., lumber mfrs., Mobile, Ala.
Hunter Bros. Stone Co., Bloomington, Ind.
Hunter Brush Mfg. Co., Blanchester, Ohio.
Hunter, Chas. E. Farmer's Friend Plow Wks., Freder'ksburg, Va.
Hunter Co., lumber, Jacksonville, Fla.
Hunter Constr. Co., Youngstown, Ohio.
Hunter, D. H., contractor, 1820 N. 11th, Reading, Pa.
Hunter, Dexter, lbr. mfrs., Albany, N. Y.
Hunter & Dickson Co., steam fitters' supplies, 241 Arch, Philadelphia, Pa.
Hunter Dry Kiln Co., E. 26th & Cornell av, Indianapolis, Ind.
Hunter-Everett Boat Co., launch & yacht motor boat bldrs., McHenry, Ill.
Hunter Fan & Motor Co., Fulton, N. Y.
Hunter, Frank B., architect, State Life Bldg., Indianapolis, Ind.
Hunter & Gordon, architects, Charlotte, N. C.
Hunter, Harry Edgar, archt., Security Bldg., Cedar Rapids, Ia.
Hunter & Havens, whol. hdwe. & mill & facty. supplies, Bridgeport, Conn.
Hunter Illuminated Car Sign Co., Linden av, Flushing, N. Y.
Hunter & Irvine, flour mills, Washington, Ky.
Hunter, Jas., Htg. & Contrg. Co., Albany, N. Y.
Hunter, Jas., Machine Co., North Adams, Mass.
Hunter, Jas. S., machst. & fndr., Ashland, Ohio.
Hunter, Jno. D., architect, 335 Sterling, Watertown, N. Y.
Hunter, John S. V., pipes, smoking, Camden, N. J.
Hunter, K. C., contractor, Grand Forks, N. D.
Hunter, L. L. (Est. of), lumber, Tidioute, Pa.
Hunter Lumber Co., Berkeley, Cal.
Hunter, M. W., contractor, Bedford, Ind.
Hunter, Malcolm, life saving nets, 32 Dutchkill, Long Island City, N. Y.
Hunter Milling Co., flour, Wellington, Kans.
Hunter, Paul C., architect, 191 9th av, New York.
Hunter Pressed Steel Co., cor. Orthodox & Horrocks, Phila., Pa.
Hunter, R. Malcolm, architect, Annapolis, Md.
Hunter, S. M., & Co., contractors, 5643 Harper av, Chicago, Ill.

Hunter & Saner, lumber, Prosperity, S. C.
Hunter Saw & Machine Co., 57th & Butler, Pittsburgh, Pa.
Hunter & Son, stone producers, Gloversville, N. Y.
Hunter, Stevens & Co., lumber mfrs. & masons' & bldrs.' matls., La Salle, Ill.
Hunter & Strehlow Co., cornices, Peoria, Ill.
Hunter, W. E. N., architect, Cham. of Com. Bldg., Detroit, Mich.
Hunter, W. H., masons' & bldrs.' matls., Wingate, Ind.
Hunter, Wm., Mach. Co., Hoboken, N. J.
Hunters Point Dry Docks, 1 B'way, New York.
Hunting Co., whol. hdwe., Watertown, N. Y.
Hunting Co., plumbers' supplies—jobbers, Rochester, N. Y.
Hunting-Davis Co., architects, Century Bldg., Pittsburgh, Pa.
Hunting, Walter C., architect, 47 W. 34th, New York.
Huntingburg Dry Pressed Brick Co., Huntingburg, Ind.
Huntingburg Wagon Wks., Huntingburg, Ind.
Huntington, Alfred, machsts., Ripley, N. Y.
Huntington Brick Co., Huntington, Ind.
Huntington, Chas. W., lumber, Washington, Vt.
Huntington, Dan'l R., architect, Colman Bldg., Seattle, Wash.
Huntington, G. W., Architect Co., McPhee Bldg., Denver, Colo.
Huntington, H. J., cornices & skylights, 1010 Superior av, Cleveland, Ohio.
Huntington Handle Co., Huntington, W. Va.
Huntington Hardware Co., Huntington, W. Va.
Huntington Hogshead & Specialty Mfg. Co., Huntington, W. Va.
Huntington Iron Wks., Huntington, W. Va.
Huntington Mach. & Fdry. Co., Huntington, Ind.
Huntington Machy. & Supply Co., Wilkes-Barre, Pa.
Huntington Piano Co., Shelton, Conn.
Huntington Roofing & Tile Co., Huntington, W. Va.
Huntington Seating Co., church furniture, Huntington, W. Va.
Huntington & Son, sash, door & blind, Ladoga, Ind.
Huntington Spring Bed Co., Huntington, W. Va.
Huntington Steel Fdry. Co., castings, Huntington, Ind.
Huntington Stove & Foundry Co., Huntington, W. Va.
Huntington Tumbler Co., glass, Huntington, W. Va.
Huntley & Derdinger Corp., contractors, Electric Bldg., Buffalo, New York.
Huntley, J. G., machsts., Pittston, Pa.
Huntley Machy. Co., Holland, Mich.
Huntley Mfg. Co., machsts. & fndrs., Silver Creek, N. Y.
Huntley, W. S., lbr., Ripton, Vt.
Hunton & Weeks, lumber, 1015 Russell, Detroit, Mich.
Huntsinger, J. H., Advtg. & Mfg. Co., spec., 2615-19 Walnut, Kansas City, Mo.
Huntsville Brick Co., Huntsville, Ala.
Huntsville Coffin Co., Huntsville, Ark.
Huntsville Cotton Oil Co., meal, fertz. mfrs., Huntsville, Tex.
Huntsville Fibre & Veneer Works, Huntsville, Ala.
Huntsville Foundry & Machine Co., Huntsville, Ala.
Huntsville Handle Mfg. Co., Huntsville, Mo.
Huntsville Lumber & Mfg. Co., Huntsville, Ala.
Huntsville Warehouse Co., fertilizer mfrs., Huntsville, Ala.
Huntt, Albert F., architect, 1107 E. Main, Richmond, Va.
Hunzicker, John, architect, Eugene, Ore.
Hunzinger, Geo., & Son, card tables, 323 W. 16th, New York.
Hunzinger, J. H., & Co., contractors, Iowa City, Ia.
Hupfauf, Herman, contractor, 7 E. 42d, New York.
Hupp Motor Car Co., Milwaukee & Mt. Elliott av, Detroit, Mich.
Hupp-Yeats Electric Car Co., Lycaste & Detroit ter, Detroit, Mich.
Hurck Indian Motor Co., 109 N. 12th, St. Louis, Mo.
Hurd Bros., lbr., 719 Bailey av., Buffalo, N. Y.
Hurd, Geo. R., Co., masons' & bldrs.' matls., Monroe, Mich.
Hurd, Geo. B., & Co., pads & tablets, 425 Broome, New York.
Hurd & Gore, architects, 8 Beacon, Boston, Mass.
Hurd, Jos. A., Lumber Co., 53 State, Boston, Mass.
Hurd, T. P., & Son, masons' & bldrs.' matls, Clyde, Ohio.
Hurewitz, J., button molds, 33 Bleecker, New York.
Hurlburt Motor Truck Co., 2421 3rd av, New York.
Hurlbut, Rogers Machinery Co., South Sudbury, Mass.
Hurley Bros., contractors, Newton Center, Mass.
Hurley-Grant Co., mill & facty. supplies, Willimantic, Conn.
Hurley, J. W., canned goods, Urbana, Va.
Hurley, John E., boilers, 1219 Ohio av, Washington, D. C.
Hurley, Jno. H., contractor, Trenton, N. J.
Hurley Machine Co., electric labor driving machines, 36 S. Clinton, Chicago, N. Y.
Hurley-Mason Co., contractors, Tacoma, Wash.
Hurley, P. J., contractor, 1233 Cherry, Philadelphia, Pa.
Hurley, W. S., sashes, doors & blinds, Aberdeen, N. C.
Hurley & Wainwright, brass ingots, 81 Fulton, New York.
Hurline, Henry, contractor, Old York rd, Baltimore, Md.
Hurlock, C. S., canned goods, Massey, Md.
Hurmus Paper Co., West Dudley, Mass.
Hurni, R., Packing Co., meat, Sioux City, Ia.
Huron Canning Co., Port Austin, Mich.
Huron Implement Co., Bad Axe, Mich.
Huron Milling Co., flour, Huron, S. D.
Huron Milling Co., starch, Harbor Beach, Mich.
Huron Portland Cement Co., Ford Bldg., Detroit, Mich.
Huron Rubber Co., pneu. tel. cushions, Cleveland, Ohio.
Hurricane Creek Lumber Co., Guy, La.
Hursh, Joseph, architect & contractor, Mansfield, O.
Hurst, A. (Est. of), lime mfrs., Maquoketa, Ia.
Hurst, H. L., Mfg. Co., spraying machs., Canton, Ohio.
Hurst, Leo., contractor, Pocatello, Idaho.
Hurt, R. D., canned goods, Salem, Va.
Hurwitz Bros. Iron & Metal Co., scrap iron, Syracuse, N. Y.
Hurwitz, H., architect, 270 Grand, New York.
Huse, Jos., & Son, mica chimneys, 91 Blackstone, Boston, Mass.
Huse, W. D., & Sons, mill & facty. supplies, Laconia, N. H.
Huselton Automobile Co., Butler, Pa.
Huseman, Augustus, common brick, Pittsfield, Ill.
Huseman, Fred, contrs., Winona, Minn.
Huss Bros. Fixture Co., 25 W. Baker, Cincinnati, Ohio.
Huss Mfg. Co., cotton damasks, Bessemer City, N. C.
Hussa, Theo. F., singeing machs., 50 Church, New York.
Hussander, Arthur F., architect, Tribune Bldg., Chicago, Ill.
Hussebrath Importing Co., rattans, bamboo, 37 Liberty, New York.
Hussey Binns Steel Co., mfrs. of tool steel, Bessemer Bldg., Pittsburgh, Pa.
Hussey, C. G., & Co., copper hammers, 2850 2d av, Pittsburgh, Pa.
Hussey Drop Forge & Mfg. Co., auto axles, radiators, wheels, etc., Cleveland, Ohio.
Hussey, John R., dry kiln doors, Indianapolis, Ind.
Hussey, McCann & Co., machsts.' tools & supplies, 87 Warren, New York.
Hussey, M. M., & E. T., lime mfrs., Palmyra, Tenn.
Hussey Plow Co., North Berwick, Me.
Hussey, W. H., & Son, plumbers' supplies—jobbers, 148 W. 35th, New York.
Hussman, Harry L., tool grinders, 911 N. B'way, St. Louis, Mo.
Hussong Dyeing & Mach. Co., Groveville, N. J.
Hust, Fred, architect, 48 E. South, Salt Lake City, Utah.
Hustead-Semans Coal & Coke Co., Uniontown, Pa.
Husted, A. P., Co., masons' & bldrs.' matls., Tarrytown, N. Y.
Husted-Hall Mould Wks., glass molds, Bridgeton, N. J.
Husted, Mortimer A., signs, celluloid, Philadelphia, Pa.
Hustisford Canning Co., Hustisford, Wis.
Huston, Darbee & Co., fertilizer mfrs., Seaford, Del.
Hutchens, Chas. E., contractor, Huntsville, Ala.
Hutchens, Ed., rubber plant engnrs., 866 Superior, Milwaukee, Wis.
Hutchens & Sampson, flour mills, Yadkinville, N. C.
Hutcheson Mfg. Co., rope, Banning, Ga.
Hutcheson, Wm., machsts., 212 N. Holliday, Baltimore, Md.
Hutchings & Co., horticultural archts., Penna. Bldg., Phila., Pa.
Hutchings, E. T., architect, Columbus Bldg., Louisville, Ky.
Hutchings, Geo. T., granite producers, Milford, Mass.
Hutchings, John Bacon, & Sons, architects, Columbia Bldg., Louisville, Ky.
Hutchings, John F., contractor, Muncie, Ind.
Hutchings Organ Co., 18 Tremont, Boston, Mass.
Hutchins, A. W., & A. B., brick, Orland, Me.
Hutchins, Arthur L., contractor, Watertown, Mass.
Hutchins Car Roofing Co., Ford Bldg., Detroit, Mich.
Hutchins & French, architects, 6 Beacon, Boston, Mass., & Manchester, N. H.
Hutchins, Geo. E., mill & facty. supplies, Lowell, Mass.
Hutchins, H. Wesley Co., lbr., Auburn, Me.
Hutchins, J. C., butter tubs, Montgomery Center, Vt.
Hutchins, J. W., brick, Durham, N. C.
Hutchins, S. B., contractor, Portsmouth, Va.
Hutchins, Wallace J., contractor, Fitchburg, Mass.
Hutchinson Box Board & Paper Co., Hutchinson, Kans.
Hutchinson Bros., hotel cooking apparatus mfrs., Balto., Md.
Hutchinson Bldg. Co., Concord, N. H.
Hutchinson Co., contractors, Oakland, Cal.
Hutchinson Concrete Co., Hutchinson, Kans.
Hutchinson & Cutler, architects, Cutler Bldg., Rochester, N. Y.
Hutchinson, D. W., oils, 94 John, New York.
Hutchinson, Forman S., contractor, Belmar, N. J.
Hutchinson Foundry & Machine Wks., Hutchinson, Kans.
Hutchinson, Homer H., saw bucks & frames, Bristol, N. H.
Hutchinson, Jno., Mfg. Co., ball wheels, Jackson, Mich.
Hutchinson, John, & Sons, stone, 2383 1st av, New York.
Hutchinson Leather Machine Co., Winchester, Mass.
Hutchinson Lbr. Co., Lynn, Mass.
Hutchinson Lumber & Planing Mill Co., Hutchinson, Kans.
Hutchinson Lumber & Supply Co., Cordele, Ga.
Hutchinson, Robert C., architect, 126 Liberty, New York.
Hutchinson, Sam'l R., stone producers, Trenton, N. J.
Hutchinson, W. B., & Co., contractors, Michigan City, Ind.
Hutchinson, W. H., & Son, tin foil, 2101 Walnut, Chicago, Ill.
Hutchinson, W. Henry, whol. hdwe., 49 Monroe, Lynn, Mass.
Hutchison, Darby H., architect, Huntington, W. Va.
Hutchison, Frank, machst., Jackson, Mich.
Hutchison, Jas. G., architect, 101 Tremont, Boston, Mass.
Hutchison Office Specialties Co., stapling machine, 501 5th av, New York.
Hutchison, T. T., & Co., harness mfrs., Wheeling, W. Va.
Hutchison Vapor Heating Corp., heating system, Woodward Bldg., Washington, D. C.
Hutchisson, C. L., architect, City Bank Bldg., Mobile, Ala.
Huth, N. G., Dredging Co., Franklin, La.
Huther Bros. Saw Mfg. Co., 1190 University av, Rochester, N. Y. *See adv. index at end of book.*
Hutkoff, Nathan, & Co., plate glass, 80 Greene, New York.
Hutsinpillar, Sheridan Co., whol. hdwe. & masons' & bldrs.' matls., Ironton, Ohio.

Hutt, J. E., Contracting Co., Railway Exchange Bldg., Kansas City, Mo.
Hutt & Knod, contractors, Pottstown, Pa.
Hutter Constr. Co., Fond Du Lac, Wis.
Hutter, Frank, masons' & bldrs.' matls., Cle Elum, Wash.
Hutter, Karl, bottle stoppers, 241 Lafayette, New York.
Huttig Mfg. Co., sashes, doors & blinds, Muscatine, Ia.
Huttig Mill Work Co., Kansas City, Mo.
Huttig Sash & Door Co., 1200 S. Vanderventer, St. Louis, Mo.
Hutton & Bourbonnais Co., lbr., Hickory, N. C.
Hutton & Buys, architects, 103 Park av, New York.
Hutton Co., brick, Kingston, N. Y.
Hutton, Isaac E., sash, door & blind, Ridgewood, N. J.
Hutton, J. M., & Co., coffins, etc., Richmond, Ind.
Hutton, Jos. T., & Son, architects, Hammond, Ind.
Hutton, L. Percival, architect, Orlando, Fla.
Hutton Mfg. Co., bathing suit mfrs., 44 N. 3d, Philadelphia, Pa.
Hutton, Robt. Co., cornices, 116 Fort, E. Detroit, Mich.
Huxley, Frank S., contractor, Northampton, Mass.
Huxley Valve Co., machsts., 281 Chicago, Buffalo, N. Y.
Huyck, F. C., & Sons, wood felts, Rensselaer, N. Y.
Huyette, Paul B., Co., steamfitters' supplies, 5 S. 18th, Philadelphia, Pa.
Hvass, Chas., & Co., machsts., 511 E. 18th, New York.
Hyacinth Packing Co., Hyacinth, Va.
Hyatt, F. H., stone, Columbia, S. C.
Hyatt Roller Bearing Co., roller bearing mfrs., Harrison, N. J.
Hyatt-Wise Mfg. Co., mantles, Columbus, Ohio.
Hyde, Albert, & Son, msns.' & bldrs.' matls., Grand Rapids, Mich.
Hyde Bros. & Co., water tube boilers, Commonwealth Bldg., Pittsburgh, Pa.
Hyde, C. L., Construction Co., San Diego, Cal.
Hyde Carbon Black Co., Ridgway, Pa.
Hyde, Chas. J., agricultural implements & mill & facty. supplies, Meridian, Miss.
Hyde, Clinton N. C., ranges, 592 Clinton av, Albany, N. Y.
Hyde, E. Belcher, maps, 97 Liberty, Brooklyn, N. Y.
Hyde, E. H., machst. & fndr., Lancaster, Wis.
Hyde, Frank D., contractor, 90 West, New York.
Hyde, Geo. E., & Co., canned goods, Campbell, Cal.
Hyde, Harjes & Co., contractors & dock bldrs., 110 Market, San Francisco, Cal.
Hyde, L. F., architect, 2745 26th av, Oakland, Cal.
Hyde Mfg. Co., knives, broom needles, shoemakers' blades, etc., Southbridge, Mass.
Hyde-Murphy Co., masons' & bldrs.' matls. & sash, door & blind mfrs., Ridgway, Pa.
Hyde Park Foundry & Mach. Co., Hyde Park, Pa.
Hyde, Robt. M., architect, 110 S. Dearborn, Chicago, Ill.
Hyde, W. F., Co., contractors, 1008 Scoville av, Cleveland, Ohio.
Hyde, W. H., & Co., masons' & bldrs.' matls., Ridgway, Pa.
Hyde, W. L., & Co., blackboard erasers, 94 Blackstone, Boston, Mass.
Hyde Windlass Co., machsts. & fndrs., Bath, Me.
Hyder, Jas. B., architect, 1609 Franklin, Denver, Colo.
Hyder, K. Lee, architect, David Whitney Bldg., Detroit, Mich.
Hydeville Slate Wks., for elec. purposes, Hydeville, Vt.
Hydrated Lime Bureau, Arrott Bldg., Pittsburgh, Pa.
Hydraulic Constrg. Co., Watertown, N. Y.
Hydraulic Engng. Wks., machsts., 708 Fulton, Chicago, Ill.
Hydraulic Hoist Mfg. Co., St. Paul, Minn.
Hydraulic Press Brick Co., St. Louis, Mo.
Hydraulic Press Mfg. Co., briquetting mach., Mount Gilead, O.
Hydraulic Pressed Steel Co., 3182 E. 61st, Cleveland, Ohio.
Hydraulic Specialty Co., closet couplings, 427 Walnut, Philadelphia, Pa.
Hydraulic Supply Mfg. Co., riveted steel pipe, Seattle, Wash.
Hydraulic Turbine Corp., machsts. & fnrds., Camden, N. Y.
Hydrex Felt & Engng. Co., 120 Liberty, New York.
Hydro Bar Waterproofing Co., cement waterproofing materials, 328 E. 23d, New York.
Hydro Construction Co., Mutual Life Bldg., Buffalo, N. Y.
Hydro Damp-Proofing & Engng. Co., paint mfrs., Pittsburgh, Pa.
Hydro Heater Co., gas, Oliver Bldg., Pittsburgh, Pa.
Hydro Mfg. Co., water level gauges, Bullitt Bldg., Phila., Pa.
Hydro Palm Soap Co., Neponset, Boston, Mass.
Hydro-Pneumatic Disinfecting Co., 221 Mercer, New York.
Hydro Stone Products Co., 5631 W. 65th, Chicago, Ill.
Hydro Storage Battery & Mfg. Co., whistles, 802 Plum, Cincinnati, Ohio.
Hydrofluoric Mfg. Co., acid, York, Pa.
Hydrolith Co., sanitary flooring, 25 Dean, Brooklyn, N. Y.
Hydrometic Co., water meters, 953 N. Main, Los Angeles, Cal.
Hyer, David B., architect, Charleston, S. C.
Hyer, W. C., cornices & skylights, Aiken, S. C.
Hyett, Robt. L., architect, 624 S. Michigan av, Chicago, Ill.
Hyfield Mfg. Co., safety razor blade sharpening machs., 21 Walker, New York.
Hygeia Antiseptic Toothpick Co., 160 W. 14th, New York.
Hygeia Can. Co., 25 Elm, New York.
Hygeia Filter Co., 338-348 Denton, Detroit, Mich.
Hygeia Medicine Cabinet Co., 246 Middle, Bridgeport, Conn.
Hygenia Brush Co., auto. washing brushes, 350 Park av, Worcester, Mass.
Hygeno Disinfectant Co., sheep dips, Cleveland, Ohio.
Hygenol Co., soap, 2837 Henn, Minneapolis, Minn.
Hygienic Blanket Mills, Hubbardston, Mass.
Hygienic Fleeced Underwear Co., 2415 Howard, Phila., Pa.
Hygienic Products Co., enamel cleaner, 233 Broadway, Canton, Ohio
Hygrade Knitting Mills, sweaters, 777 S. 18th, Newark, N. J.
Hygrade Lamp Co., Salem, Mass.
Hyland Bag Co., 243 Sacramento, San Francisco, Cal.
Hyland, Paul V., architect, 29 E. Madison, Chicago, Ill.
Hyland, W. J., Mfg. Co., ball cocks, Springfield, Mass.
Hyland Wm. A., Jr., fndr., Galena, Md.
Hyman, Frank, mattresses, 1329 Clybourn av, Chicago, Ill.
Hyman, Henry & Co., mfrs. metal goods, 77 Chambers, New York.
Hyman, Louis P., & Co., scrap iron & steel, Louisville, Ky.
Hyman-Michaels Co., scrap iron, People's Gas Bldg. Chicago, Ill.
Hyman Supply Co., mill & facty. supplies, Newbern, N. C.
Hymera Canning Co., Hymera, Ind.
Hymes Bros. Co., oils, 235 Pearl, New York.
Hyndman Roofing Co., corrugated iron roofing, etc., 318 E. 2d, Cincinnati, Ohio.
Hyne, F. T., & Son, masons' & bldrs.' matls., Brighton, Mich.
Hynes, Frank R., machst., Camden, N. Y.
Hynes, John, granite prod., Bond & Union, Brooklyn, N. Y.
Hynes & Myers, brass fndrs., 458 E. 10th, New York.
Hynne-Benrud Granite Co., La Crosse, Wis.
Hynson Tool & Supply Co., 4758 Easton av, St. Louis, Mo.
Hyslop, W. W., architect, Anaconda, Mont.
Hyslop & Westcott, architects, Rookery Bldg., Spokane, Wash.
Hysor, C. H., archt., Wright & Callender Bldg., Los Angeles, Cal.
Hyssong, C. A., potteries, Bloomsburg, Pa.
Hytee's Factories, Inc., elec. lanterns, Indianapolis, Ind.

Iatt Lumber Co., Ltd., Colfax, La.
Ibberson, T. E., contractor, Corn Exchange, Minneapolis, Minn.
Ibbotson, Jos. N. C., architect, Haverhill, Mass.
Iberia Canning Co., Iberia, Mo.
Ice & Cold Mach. Co., 3003 N. B'way, St. Louis, Mo.
Ice Cream Trade Journal, 150 Nassau, New York.
Ice, F. P., & Son, lumber, Mount Summit, Ind.
Ice & Refrigeration, trade publication, 431 S. Dearborn, Chicago, Ill.
Iceless Mach. Co., refrigerating mach., 12014 Iowa av, Cleveland, Ohio.
Ickelheimer Bros. Co., elec. & gas light fixtures, 439 Sutter, San Francisco, Cal.
Icy-Hot Bottle Co., 122 W. 2d, Cincinnati, Ohio.
Ida Canning Co., Ida, Mich.
Idaho Canning Co., Payette, Idaho.
Idaho Elec. & Mfg. Co., cooking app., Porcatell, Idaho.
Idaho Fire Brick Co., Troy, Idaho.
Idaho Fdry. & Mach. Co., Lewiston, Idaho.
Idaho Hardware & Plumbing Co., Ltd., Boise, Idaho.
Idaho Lime Co., masons' & bldrs.' matls., Spokane, Wash.
Idaho Nat. Harvester Co., machsts. & fndrs., Moscow, Idaho.
Idaho Portland Cement Wks., Spokane, Wash.
Idaho Prov. & Packing Co., meat, Boise, Idaho.
Idaho Soap Co., Boise, Idaho.
Iddings Co., oil cans, lanterns, etc., Warren, Ohio.
Ide, A. L., & Sons, steam engines, Springfield, Ill.
Ide, E. T., & H. K., masons' & bldrs.' mtls., St. Johnsbury, Vt.
Ide Lumber Co., packing boxes, Southbridge, Mass.
Ideal Acetylene Co., gas mach'y & lgtng. plants, Johnstown, Pa.
Ideal Aeroplane & Supply Co. toys, 84 W. B'way, New York.
Ideal Air Brush Co., 88 E. 10th, New York.
Ideal Art Bent Glass Co., shades, 407 Broome, New York.
Ideal Auto Co., Fort Wayne, Ind.
Ideal Automatic Governor Co., 164 Emmet, Newark, N. J.
Ideal Automatic Mfg. Co., metallic packing mfrs., 125 Watts. New York.
Ideal Book Mach. Corner Co., Worcester, Mass.
Ideal Bronze Co., fndrs., 1265 E. 55th, Cleveland, Ohio.
Ideal Chemical Co., boiler compound, Indianapolis, Ind.
Ideal China Kiln Co., Port Huron, Mich.
Ideal Clamp Mfg. Co., 202 Bradford, Brooklyn, N. Y.
Ideal Coated Paper Co., Brookfield, Mass.
Ideal Commutators, Dresser Co., stones, 8 S. Dearborn, Chicago, Ill.
Ideal Concrete Constr. Co., Joliet, Ill.
Ideal Concrete Machinery Co., 1346 Monmouth av, Cincinnati, O.
Ideal Constr. Co., N. Milwaukee, Wis.
Ideal Cornice Co., 1040 Howard, San Francisco, Cal.
Ideal Cut Glass Co., Canastota, N. Y.
Ideal Desk Co., book cases, Auburn, Me.
Ideal-Die Casting Co., castings in gold, silver, brass & compositions, 756 Eddy, Providence, R. I.
Ideal Elec. & Mfg. Co., dynamos, motors, etc., Mansfield, Ohio.
Ideal Engine Co., gas & gasoline, Lansing, Mich.
Ideal Fire Detector Co., 374 Plane, Newark, N. J.
Ideal Fishing Float Co., Richmond, Va.
Ideal Floor Sander Co., floor surfacing machines, 440 N. Peoria, Chicago, Ill.
Ideal Fdry. Co., Grand Rapids, Mich.
Ideal Furnace Co., 88 Jefferson av, Detroit, Mich.
Ideal Fuse Co., 149 2d, San Francisco, Cal.
Ideal Gas & Electric Fixture Co., electric & light fixture mfrs., 433 B'way, New York.
Ideal Gas Engine Co., Independence, Ia.

Ideal Gas Light Co., machsts. & fndrs., Kalamazoo, Mich.
Ideal Hanger Co., stone & wall anchors, etc., Cleveland, Ohio.
Ideal Heat & Draft Regulator Co., 419 E. 22d, New York.
Ideal Htg. Co., 915 Gates av, Brooklyn, N. Y.
Ideal Heating Co., 6312 Wentworth av, Chicago, Ill.
Ideal Htg. Co., 16 E. First av, Columbus, Ohio.
Ideal Hoop Co., Ashtabula, Ohio.
Ideal Instrument Co., Penacook, N. H.
Ideal Knitting Mills, 587 Hendrix, Brooklyn, N. Y.
Ideal Lamp Mfg. Co., Fairbault, Minn.
Ideal Leather Goods Co., 326 Dean, Providence, R. I.
Ideal Lbr. & Coal Co., masons' & bldrs.' matls., Appleton, Wis.
Ideal Machine & Tool Co., dies, etc., 128 Opera pl, Cincinnati, O
Ideal Mfg. Co., bottle capping machs., Kewanee, Ill.
Ideal Mfg. Co., meat slicers, cheese cutters, Anderson, Ind.
Ideal Mfg. Co., plumbers' wood wk., closet pulls, Franklin & Dubois, Detroit, Mich.
Ideal Mfg. Corp., stationers' specialties, 436 E. 9th, New York.
Ideal Mfg. & Supply Co., heaters, Oskaloosa, Ia.
Ideal Metallic Furniture Co., racks (hat & clothes), 1259 Military, Detroit, Mich.
Ideal Metallic Packing Co., So. Stillwater. Minn.
Ideal Moistener Co., Findlay, Ohio.
Ideal Oil Co., 931 Clinton, Buffalo, N. Y.
Ideal-Peerless Mfg. Co., machsts., Cleveland, Ohio.
Ideal Power Lawn Mower Co., Lansing, Mich.
Ideal Pump & Mfg. Co., Green City, Me.
Ideal Reversible Hinge & Cabinet Co., 3666 Pk, av, St. Louis, Mo.
Ideal Sad Iron Mfg. Co., Cleveland, Ohio.
Ideal Spec. Co., post cards, Albums, 552 Adams, Chicago, Ill.
Ideal Stencil Machine Co., stencil cutting machy. & stencil paper, Belleville, Ill.
Ideal Supply Co., plumbers' supplies—jobbers, Somerville, Mass.
Ideal Switch & Machy. Co., spark plugs, Plainville, Conn.
Ideal Tire Setter Co., McGehee, Ark.
Ideal Tool & Mfg. Co., die mfrs., Beaver Falls, Pa.
Ideal Vacuum Cleaner Co., Newark, N. J.
Ideal Ventilator Co., window ventilators, 99 Stewart, Providence, R. I.
Ideal Water Cooler Co., Monadnock Bldg., Chicago, Ill.
Ideal Window Glass Co., West Union, W. Va.
Ideal Wrapping Mach. Co., Middletown, N. Y.
Idealite Co., fire proof floors, Cincinnati, Ohio.
Idealo Co., metal polish, Bourse Bldg., Philadelphia, Pa.
Idell, Geo. S., architect, 34 S. 16th, Philadelphia, Pa.
Iden, Hy., electric & light fixture mfrs., 46 University pl, New York.
Igelstroem, Jno., Co., advtg. spec., Massillon, Ohio.
Iglehart Bros., flour mills, Evansville, Ind.
Igo, Jno., & Co., granite, Quincy, Mass.
Igoe Bros., nails, tinning & japanning, etc., 69 Metropolitan av, Brooklyn, N. Y.
Igon Mfg. Co., machsts., Springfield, Ohio.
Ihling Bros., Everard Co., bookholder, Kalamazoo, Mich.
Ikeler, Roland R., flour mills, Bloomsburg, Pa.
Ikenberry Bros., canned goods, Daleville, Va.
Ikenbury, H. C., & Co., canned goods, Cloverdale, Va.
Iler Fndry. & Mfg. Co., machsts. & brass fndrs., 694 E. 82nd, Cleveland, Ohio.
Iles, Edw., machsts. & fndrs., Lincoln, Ill.
Ilg Elec. Ventg. Co., elec. disc. fans, blowers, etc., 154 Whiting, Chicago, Ill.
Ilgentritz, E. C., & Co., landscape architects, 30 Prentiss av, Detroit, Mich.
Iliff Bros., contractors, London, Ohio.
Iliff, John W., & Co., mop tacks, 352 N. Michigan av, Chicago, Ill.
Iliffe, Wm. H., contractor, Watertown, Mass.
Illfelder, B., & Co., slate pencils, 29 Union sq, New York.
Illig & Hartmann, burning brands, 211 Pine, St. Louis, Mo.
Illingsworth, Fred., contractor, Muncie, Ind.
Illingworth, John, Steel Co., high speed steel, Tacony & Lewis, Philadelphia, Pa.
Ill. Art Metal Co., tin plate, metals, etc., Springfield, Ill.
Ill. Boiler Cleaning Compound Co., 1338 N. La Salle, Chicago, Ill.
Ill. Brick Co., 111 W. Washington, Chicago, Ill.
Ill. Bridge Co., Monadnock Bldg., Chicago, Ill.
Ill. Bronze Powder Co., 162 W. Randolph, Chicago, Ill.
Ill. Canning Co., Hoopeston, Ill.
Ill. Car Co., Urbana, Ohio.
Ill. Car & Mfg. Co., machsts., 20 W. Jackson blvd., Chicago, Ill
Ill. Carriage Lamp Co., 224 W. Ill., Chicago, Ill.
Ill. Casket Co., 2330 W. Van Buren, Chicago, Ill.
Ill. Cement Chimney Co., 3520 San Francisco av, Chicago, Ill.
Ill. Clay Products Co., fire clay, Oglesby, Ill.
Ill. Concrete Machine Co., steel centering, Buda, Ill.
Ill. Condensed Milk Co., canners, White Hall, Ill.
Ill. Corr. Metal Co., road culverts, Springfield, Ill.
Ill. Die & Tool Wks., 162 N. Desplaines, Chicago, Ill.
Ill. Electric Porcelain Co., Macomb, Ill.
Ill. Elec'l Mfg. Co., Peoria, Ill.
Ill. Elevator Co., 224 N. Union av, Chicago, Ill.
Ill. Engng. Co., 5021 S. State, Chicago, Ill.
Ill. Fire Proof Covering Co., 216 W. Kinzie, Chicago, Ill.
Ill. Flower Box Co., 180 N. Dearborn, Chicago, Ill.
Ill. Foundry & Machine Co., Belleville, Ill.
Ill. Fndry & Specialty Co., Morris, Ill.
Ill. Glass Co., Alton, Ill.
Ill. Granite & Stone Wks., Springfield, Ill.
Ill. Hydraulic Stone & Construction Co., Elgin, Ill.
Ill. Improvement & Ballast Co., 208 S. La Salle, Chicago, Ill.
Ill. Iron & Bolt Co., Carpentersville, Ill.
Ill. Kaolin Co., fire clay, Anna, Ill.
Ill. Knitting Mills, 1107 Broadway, New York.
Ill. Leather Co., 930 N. Halsted, Chicago, Ill.
Ill. Lumber, Grain & Coal Co., Hoopeston, Ill.
Ill. Maintenance Co., machsts., 72 W. Adams, Chicago, Ill.
Ill. Malleable Iron Co., iron fndrs., pipe fittings & plumbers,' gas & water work supplies; conduit hangers, etc., 1801 Diversey blvd, Chicago, Ill. *See adv index at end of book.*
Ill. Mfg. & Supply Co., dust arresters, feed & fireless cookers, sand blast machy., tumbling & water cinder mills, Quincy, Ill.
Ill. Mineral Milling Co., flint, color mfrs. & importers, East St. Louis, Ill.
Ill. Modern Button & Mach. Co., 2407 W. Ohio, Chicago, Ill.
Ill. Mosaic Tile Co., 3601 S. Ashland av, Chicago, Ill.
Ill. Moulding Co., 2411 W. 23d, Chicago, Ill.
Ill. Nail Co., 826 Dix, Chicago, Ill.
Ill. Nat. Supply Co., oil & gas well supls, machy. dlrs., Casey, Ill.
Ill. Pacific Glass Co., 15th & Folsom, San Francisco, Cal.
Ill. Packing Box Co., 925 N. Halsted, Chicago, Ill.
Ill. Paper Co., Peoria, Ill.
Ill. Printing Co., pads & tablets, Danville, Ill.
Ill. Pump & Brass Co., machsts. & fndrs., Peoria, Ill.
Ill. Pure Aluminum Co., cooking apparatus mfrs., Lemont, Ill.
Ill. Razor Strop Co., 330 W. Kinzie, Chicago, Ill.
Ill. Refrigerator Co., Morrison, Ill.
Ill. School Furniture Co., Rockford, Ill.
Ill. Show Case Wks., 1735 N. Ashland av, Chicago, Ill.
Ill. Silo & Tractor Co., Bloomington, Ill.
Ill. Smelting & Refining Co., 410 N. Peoria, Chicago, Ill. *See adv index at end of book.*
Ill. Spring & Stamping Co., 2341 N. Keystone av, Chicago, Ill.
Ill. Steel Bridge Co., steel structural work, Jacksonville, Ill.
Illinois Steel Co., 208 S. La Salle, Chicago, Ill.
Ill. Stoker Co., Alton, Ill.
Ill. Stone Co., 29 S. La Salle, Chicago, Ill.
Ill. Supply & Construction Co., masons' & bldrs.' matls., Wright Bldg., St. Louis, Mo.
Ill. Terra Cotta Lbr. Co., 119th & Calu. Lake, Chicago, Ill.
Ill. Thresher Co., Sycamore, Ill.
Ill. Tool Wks., die filing machines, 154 E. Erie, Chicago, Ill.
Ill. Valley Silica Co., silica sand, Ottawa, Ill.
Ill. Watch Case Co., Elgin, Ill.
Ill. Watch Co., machsts., Springfield, Ill.
Ill. Zinc. Co., spelter & zinc mfrs., etc., Peru, Ill.
Illustrated Postal Card & Novelty Co., 141 E. 25th, New York.
Ils, John G., & Co., cooking apparatus, 839 Mission, San Francisco, Cal.
Ilsley, Doubleday & Co., paint mfrs. & greases, 229 Front, New York.
Imbler Fence & Mfg. Co., Alexandria, Ind.
Imboden Harrow & Roller Co., Cleona, Pa.
Imboden, I. C., Co., bit brace chucks, Cleona, Pa.
Imbs, J. F., Milling, flour, Belleville, Ill.
Imbs, Thomas F., architect, 2442 N. Grand av, St. Louis, Mo.
Imex Corp., cerium & alloy, 23 Beaver, New York.
Imhauser, E., Co., time recorders, 165 Fulton, New York.
Immaculate Kaolin Co., Easton, Pa.
Immel Constr. Co., Fond Du Lac, Wis.
Immel, Jno., & Sons Co., carriages, 16 E. Livingston, Columbus, Ohio.
Impellittiere, Jos., architect, 118 17th, Buffalo, N. Y.
Imperato, F. P., architect, 237 Union, Brooklyn, N. Y.
Imperial Art Glass & Lamp Wks., glass shades, etc., 205 W. 19th, New York.
Imperial Bagging Co., Norfolk, Va.
Imperial Bearing Co., 1217 Forest av, E., Detroit, Mich.
Imperial Belting Co., 400 N. Lincoln, Chicago, Ill.
Imperial Bit & Snap Co., saddlery hdwe. mfrs., N. W. cor 14th, Racine, Wis.
Imperial Brass Mfg. Co. 524 S. Racine av, Chicago, Ill. *See adv index at end of book.*
Imperial Broom Wks., 172 N. May, Chicago, Ill.
Imperial Button Co., 27 N. 7th, Philadelphia, Pa.
Imperial Canning Co., Parkersburg, W. Va.
Imperial Car Cleaner Co., 115 Chestnut, Newark, N. J.
Imperial Chemical Co., boiler compounds, 514 N. American, Philadelphia, Pa.
Imperial Co., fertilizer mfrs., Norfolk, Va.
Imperial Construction & Real Estate Co., 29 Kensington, New Haven, Conn.
Imperial Cotton Mills., Eatonton, Ga.
Imperial Desk Co., Evansville, Ind.
Imperial Elec. Clock Co., St. Louis, Mo.
Imperial Electric Co., motors & generators, Akron, Ohio.
Imperial Elec. Co., rectifiers, Union City, Ind.
Imperail Elec. Mfg. Co., arc lamps, 253 Broadway, New York
Imperial Filter Mfg. Co., water filters, 1405 Olive, St. Louis, Mo.
Imperial Floor Co., Rochester, N. Y.
Imperial Furnace Co., hot air, Marshalltown, Ia.
Imperial Furn. Co., Grand Rapids, Mich.
Imperial Gas Engine Co., 60 Clementina, San Francisco, Cal.

Imperial Glass Co., Bellaire, Ohio, Charleroi, Pa., 29 E. Madison, Chicago, Ill.
Imperial Harness Co., Richmond, Va.
Imperial Glue Co., 1 Drumm, San Francisco, Cal.
Imperial Iron Wks., machsts. & fndrs., Duluth, Minn.
Imperial Knitting Co., sweaters, etc., 1075 3d, Milwaukee, Wis.
Imperial Leather Mfg. Co., 847 W. Harrison, Chicago, Ill.
Imperial Machine Co., fruits & vegetables, 366 Broadway, New York.
Imperial Machy. Co., Grand Rapids, Mich., & 1611 Central av, Minneapolis, Minn.
Imperial Mfg. Co., aprons (canvas, duck, mechanics'; waterproof), Dayton, Ohio.
Imperial Mfg. Co., carbon paper, typewriter ribbons, 297 Washington, Newark, N. J.
Imperial Mfg. Co., piano cases, Stamford, Conn.
Imperial Mfg. & Trading Co., corn brooms, 253 B'way, New York.
Imperial Methods Co., filing cabinets & devices, 312 W. Madison, Chicago, Ill.
Imperial Oil & Gas Products Co., carbon black, Harrisville, W. Va.
Imperial Paint Co., 80 10th, Long Island City, N. Y.
Imperial Pearl Button Co., 131 W. 23d, New York.
Imperial Polish Co., 54 N. 2d, Philadelphia, Pa.
Imperial Porcelain Wks., porcelain specialties, Trenton, N. J.
Imperial Steel Cabinet Co., 2144 Fulton, Chicago, Ill.
Imperial Steel Range Co., 2900 Detroit av, Cleveland, Ohio.
Imperial Stone Co., Bedford, Ind.
Imperial Sugar Co., Sugarland, Tex.
Imperial Tool Co., Bloomington, Ill.
Imperial Valley Hdwe. Co., Holtville, Cal.
Imperial Wall Paper Co., Glens Falls, N. Y.
Imperial Washing Mach. Co., Sand Springs, Okla.
Imperial Water Proof Co., 105 W. Monroe, Chicago, Ill.
Imperial Wheel Co., Flint, Mich.
Imperial Wire & Iron Wks., bank & office railings, Louisville, Ky.
Imperial Woolen Co., blankets, Main & Rector, Phila., Pa.
IMPERVIOUS METAL CORPORATION, lacquering & japanning for the trade & manufacturers of varnishes, japans, lacquers & enamels, 421 Wood, Pittsburgh, Pa.
Impervious Package Co., cans, kegs, Keene, N. H.
Import Sales Co., dec. elec. lighting, 27 W. 20th, New York.
Imprint Pencil Co., advtg. pencils, 530 B'way, New York.
Improved Aluminum Gasco Protector Co., respirators, protectors, etc., 1103 North av, Waukegan, Ill.
Improved Appliance Co., furnaces, brazing tables, 455 Kent av, Brooklyn, N. Y.
Improved Brick Co., Salt Lake City, Utah.
Improved Equipment Co., gas wks. app., 60 Wall, New York
Improved Gauge Mfg. Co., 320 W. Water, Syracuse, N. Y.
Improved Guano Co., Eastman, Ga.
Improved Mailing Case Co., 309 B'way, New York.
Improved Office Partition Co., Broome & Clark, New York.
Improved Paper Machy. Co., Nashua, N. H.
Improved Sanitary Fixture Co., bath & lavatory, 612 Metropolitan Bldg., Los Angeles, Cal.
Improvement Bulletin, trade publications, 610 Exchange, Minneapolis, Minn.
Imse-Schilling Sash & Door Co., 21st & Papin, St. Louis, Mo.
Incandescent Burner Co., Arc, gas lamps, 395 Claremont av, Brooklyn, N. Y
Incandescent Light Mfg. Co., Council Bluffs, Ia.
Incandescent Light & Stove Co., machsts. & fndrs., Marbury av & B. & O. R. R., Okly., Cincinnati, Ohio.
Incandescent Supply Co., gas & elec. fixtures, 726 Mission, San Francisco, Cal.
Indeliba Mfg. Co., carbon paper, etc., Rochester, N. Y.
Indelli & Conforti Co., contractors, 847 Bryant av, New York.
Independence Canning Corp., Independence, Ia.
Independence Corrugated Culv. Co., Independence, Ia.
Independence Electric & Milling Co., flour, Independence, Va.
Independence Elevator Co., 710 Cherry, Philadelphia, Pa.
Independence Iron Works, Independence, Kan.
Independence Shale Brick Plant, Independence, Mo.
Independence Stove & Fdry. Co., mfrs., Independence, Mo.
Independence Veneer & Box Mfg. Co., Ltd., Independence, La.
Independent Aetna Sprinkler Co., Phila., Pa., & Chicago, Ill.
Independent Asphalt Paving Co., Seattle, Wash.
Independent Brass Foundry, Louisville, Ky.
Independent Brick Co., Md. Trust Bldg., Baltimore, Md.
Independent Bridge Co., steel constn., 829 Beaver av, Pittsburgh, Pa.
Independent Chair Co., 32 Pitts, Boston, Mass.
Independent Construction Co., Davenport, Ia., & Terre Haute, Ind.
Independent Cork Co., 574-76 Hamilton av, c. 17th, Brooklyn, N. Y. *See adv index at end of book.*
Independent Die Co., Brockton, Mass.
Independent Elec. Machy Co., stor. abttery charging sets, 1917 Central, Kansas City, Mo.
Independent Fertilizer Co., Jacksonville, Fla.
Independent Fdry. Co., 743 York, Portland, Ore.
Independent Glass Co., window, Sistersville, W. Va.
Independent Gravel Co., Webb City, Mo.
Independent Guano Co., fertz. mfrs., Greenville, S. C.
Independent Harvester Co., Plano, Ill.

INDEPENDENT IRON & STEEL CO,, 24 California, San Francisco, Cal.
Independent Lamp & Wire Co., 1733 B'way, New York.
Independent Lime & Stone Co., Druecker, Wis.
Independent Lumber & Coal Co., Sauk Center, Minn.
Independent Metal Strap Co., 56 Prince, New York.
Independent Motor Co., Youngstown, Ohio.
Independent Motors Corp., Port Huron, Mich.
Independent Oil Co., Mansfield, Ohio.
Independent Oil & Fertz. Wks., Columbus, Miss.
Independent Oil & Grease Co., 291 S. Water, Milwaukee, Wis.
Independent Packers Fertilizing Co., Columbus, Ohio.
Independent Packing Co., meat, 41st & Halsted, Chicago, Ill., & Tulsa, Okla.
Independent Pneumatic Tool Co., pneumatic & electric tools, 1307 Michigan av, Chicago, Ill.
Independent Refining Co., Ltd., Rouseville, Pa., and Oil City, Pa.
Independent Register & Mfg. Co., machsts. & fndrs., Cleveland, Ohio.
Independent Roller Milling Co., flour, North Mountain, W. Va.
Independent Salt Co., 44 Whitehall, New York.
Independent Sheet Metal Co., corn. & skylights, Seattle, Wash.
Independent Sprinkler Co., Phila., Pa.
Independent Stove Co., Owosso, Mich.
INDEPENDENT TRADING CO,, importers & exporters, 24 California, San Francisco, Cal.
Independent Whip Co., Westfield, Mass.
Inderrieden Canning Co., 336 River, Chicago, Ill.
Indestructible Ash Can Co., 495 Broome, New York.
Indestructible Phonograph Record Co., Albany, N. Y.
Indestructible Sign Co., 62 Prescott, Columbus, Ohio.
Indestructible Wheel Co., Lebanon, Ind.
Index Co., tooth brushes, 33 W. 42d, New York.
Index-Galena Lumber Co., Index, Wash.
Index Republican Co., advtg. nov., Bellefontaine, Ohio.
Index Visible, Inc., filing devices, 230 Grove, New Haven, Conn.
India Alkali Wks., soap powders & cleaning compds., 28 India Wharf, Boston, Mass.
India Cocoa Matting Mfg. Co., 86 Butler, Brooklyn, N. Y.
India Palmetto Brush Co., 720 Grand River av, Detroit, Mich.
India Rubber Co., hard rubber, New Brunswick, N. J.
India Rubber Tire Co., 1512 S. Mich. av, Chicago, Ill.
India Rubber World, trade publication, 25 W. 45th, New York.
Indiahoma Refining Co., petroleum & its prod., Federal Reserve Bank Bldg., St. Louis, Mo.
Indian Head Mills of Ala., Cordova, Ala.
Indian Orchard Co., cable cords, tex. machy., warps, Indian Orchard, Mass.
Indian Refining Co., asphalt miners, oils, wax, etc., 244 Madison, New York.
Indian Territory Illuminating Oil Co., Bartlesville, Okla.
Ind. Air Pump Co., Indianapolis, Ind.
Ind. & Ark. Lumber & Mfg. Co., Marianna, Ark.
Ind. Asphalt Paving Co., contrs., Indianapolis, Ind.
Ind. Bedford Stone Co., Bedford, Ind.
Ind. Board & Filler Co., Vincennes, Ind.
Ind. Box Co., Elwood, Ind.
Ind. Brass Co., machsts. & fndrs., Frankfort, Ind.
Ind. Brass & Iron Bed Co., Mooresville, Ind.
Ind. Brick Co., Anderson, Ind.
Ind. Bridge Co., steel struct. wk., Muncie, Ind.
Ind. Canning Co., Evansville Ind.
Ind. Car & Equipment Co., 20 W. Jackson blvd., Chicago, Ill.
Ind. Chemical Co., printing inks, 608 S. Dearborn, Chicago, Ill.
Ind. Collar Co., Evansville, Ind.
Ind. Concrete Mold Co., curb forms, Peru, Ind.
Ind. Condensed Milk Co., canned, Sheridan, Ind.
Ind. Creosoting Co., Louisville, Ky.
Ind. Die Casting Development Co., machy., Indianapolis, Ind.
Ind. Drain Tile Co., Brooklyn, Ind.
Ind. Dredging Co., Royal Center, Ind.
Ind. Engng. & Constr. Co., Fort Wayne, Ind.
Ind. Feather Stamping Co., Williamsport, Pa.
Ind. Fan Co., 40 E. South, Indianapolis, Ind.
Ind. Flooring Co., 232 Rider av, New York.
Ind. Foundry Co., Indiana, Pa.
Indiana Fuel Supply Co., smoke consumers, Indianapolis, Ind.
Ind. Glass Co., Dunkirk, Ind.
Ind. Handle Co., Vincennes, Ind.
Ind. Hollow Ware Co., machsts. & fndrs., Jeffersonville, Ind.
Ind. Indestructible Paint Co., 870 W. North av, Chicago, Ill.
Indiana Laboratories Co., Inc., metallurgical engrs., Hammond, Ind.
Ind. Lamp Co., Connersville, Ind.
Ind. Limestone Co., Bedford, Ind.
Ind. Lumber Co., Kokomo, Ind. & Nashville, Tenn.
Ind. Lumber & Mfg. Co., interior Woodwork mfrs., 742 So. Michigan, South Bend, Ind.
Ind. Machine Shop Co., Oroville, Cal.
Ind. Mfg. Co., agricultural implements, Merchants' Bank Bldg., Indianapolis, Ind.
Ind. Match Corp., Crawfordsville, Ind.
Ind. Motor Truck Co., auto. bldrs., Marion, Ind.
Ind. Mould & Mach. Wks., Muncie, Ind.
Ind. Paper Co., pads & tablets, Indianapolis, Ind.
Ind. Paving Brick & Block Co., Brazil, Ind.

Ind. Quarries Co., stone prod., 280 Madison av, New York., & 112 W. Adams, Chicago, Ill.
Ind. Rolling Mill Co., New Castle, Ind.
Ind. Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.
Ind. Sewer Pipe Co., Mecca, Ind.
Ind. Shovel Co., New Castle, Ind.
Ind. Silo Co., Anderson, Ind.
Ind. Steel Co., 208 S. La Salle, Chicago, Ill.
Ind. Steel Co., rolling mills, Gary, Ind.
Ind. Steel Products Co., 127 N. Peoria, Chicago, Ill.
Ind. Steel & Wire Co.. Muncie, Ind.
Ind. Stove Wks., Evansville, Ind.
Ind. Tank Heater Co., Argos, Ind.
Ind. Tie Co., Evansville, Ind.
Ind. Truck Co., Marion, Ind.
Ind. Veneer & Lbr. Co., Indianapolis, Ind.
Ind. Veneer & Panel Co., New Albany, Ind.
Ind. Wagon Co., Lafayette, Ind.
Ind. Wood Products Co., broom handles, Spencer, Ind.
Ind. Zinc Creosoting Co., Terre Haute, Ind.
Indianapolis Abbattoir Co., meat packers, W. Morris & White River, Indianapolis, Ind.
Indianapolis Alumn. Casting Co., fndrs., Indianapolis, Ind.
Indianapolis Belting & Supply Co., 32 S. Capitol av, Indianapolis, Ind.
Indianapolis Bleaching Co., cotton sheetings, Indianapolis, Ind.
Indianapolis Blue Print & Supply Co., Indianapolis, Ind.
Indianapolis Bolster Spring Co., 326 W. Georgia, Indianapolis, Ind.
Indianapolis Brass Co., mchsts. & fndrs., Indianapolis, Ind.
Indianapolis Brush & Broom Mfg. Co., 26 Brush, Indianapolis, Ind.
Indianapolis Cable Excavator Co., Indianapolis, Ind.
Indianapolis Casket Co., 521 W. North, Indianapolis, Ind.
Indianapolis Chemical Co., boiler compounds, 1444 Madison av, Indianapolis, Ind.
Indianapolis Coal Co., masons' & bldrs.' matls., 234 Newton, Indianapolis, Ind.
Indianapolis Concrete Co., contrs., Indianapolis, Ind.
Indianapolis Cordage Co., 1959 S. Meridian, Indianapolis, Ind.
Indianapolis Corrugating Co., sheet steel ceilings, incubators & brooders, etc., Indianapolis, Ind.
Indianapolis Dash Co., auto. tops, 2116 S. Meridian, Indianapolis, Ind.
Indianapolis Drop Forging Co., Indianapolis, Ind.
Indianapolis Drug Cabinet Co., Indianapolis, Ind.
Indianapolis Excelsior Machy. Co., Indianapolis, Ind.
Indianapolis Fdry. Co., Indianapolis, Ind.
Indianapolis Glove Co., Indianapolis, Ind.
Indianapolis Mfrs. & Carpenters' Union, lbr. mfrs., Indianapolis, Ind.
Indianapolis Mortar & Fuel Co., 407 Odd-Fellow, Indianapolis, Ind.
Indianapolis Paint & Color Co., Indianapolis, Ind.
Indianapolis Paste Co., Indianapolis, Ind.
Indianapolis Roofing Co., cornices, 155 Kentucky av, Indianapolis, Ind.
Indianapolis Saddlery Co., horse collars, 237 S. Meridian, Indianapolis, Ind.
Indianapolis Sawed Veneer Co., Indianapolis, Ind.
Indianapolis Stove Co., Indianapolis, Ind.
Indianapolis Switch & Frog Co., Springfield, Ohio.
Indianapolis Tent & Awning Co., Indianapolis, Ind.
Indianapolis Terra Cotta Co., Indianapolis, Ind.
Indianapolis Tool & Mfg. Co., machsts., Indianapolis, Ind.
Indianapolis Varnish Co., Indianapolis, Ind.
Indianapolis Wire Bound Box Co., 10th. & Canal, Indianapolis, Ind.
Indianola Cotton Oil Co., Indianola, Miss.
Indicator Instruction Co., engng. school & coll., Newark, N. J.
Indispensable Mfg. Co., lump cord adjusters, San Francisco, Cal.
Individual Drinking Cup Co., paper cups, 220 W. 19th, New York.
Individual Key Ring Co., Hartford, Conn.
Industrial Brick Co., Mount Vernon, Ind.
Industrial Brick Wks., Boonville, Ind.
Industrial Chemical Co., 200 5th av, New York.
Industrial Controller Co., electric controllers & specialties, 890 Greenbush, Milwaukee, Wis.
Industrial Cotton Oil Properties, Houston, Tex.
Industrial Distilling Co., Waterloo, N. Y.
Industrial Elec. Mfg. Co., cooking app., Boydell Bldg., Detroit, Mich.
Industrial Engin'g, trade publication, 30 Church, New York.
Industrial Engin'g Co., reinforced concrete steel const., 30 Church, New York.
Industrial Filtration Corp., 115 Broadway, New York.
Industrial Foundry Co., cow watering bowls, St. Johns, Mich.
Industrial Fdry. & Mach. Co., Pottstown, Pa.
Industrial Glass Co., glass bottles, Lancaster, N. Y.
Industrial Iron Co., iron & steel wks., 1 Madison av, New York
Industrial Iron Wks., Clinton, Mo.
Industrial Iron Works., machsts. & fdrs., Ludington, Mich., & Union City, Pa.
Industrial Lbr. Co., Elizabeth, La.
Industrial Management, The Engineering Magazine, trade publication, 6 E. 39th, New York.
Industrial Mfg. Co., machsts.—sewing machines, Camden, N. J.
INDUSTRIAL MINERALS CO,, INC., commercial minerals, ores & industrial chemicals, Monadnock Bldg., San Francisco, Cal.
Industrial Products Co., machsts., Irving av, Chicago, Ill.
Industrial Requirements Co., Mill & Facty. supplies, 136 Chestnut, Philadelphia, Pa.
Industrial Rice Mill, Houston, Tex.
Industrial Starch Co., 185 Devonshire, Boston, Mass.
Industrial Supply Co., mill & facty. supplies, Jenkins Arcade, Pittsburgh, Pa., Brazil, Ind.. & Keokuk, Iowa.
Industrial Supply & Equipment Co., rail benders, braces, joints, etc., 407 Sansom, Phila., Pa.
Industrial Tape Mills Co., tex. machy., supplies, etc., Jasper & Huntington, Phila., Pa.
Industrial Welding Co., welded products mfrs., Balto., Md.
Industrial Wire & Metal Wks., 95 High, Newark, N. J.
Industrial Works, wrecking cranes, 11th & Wash., Bay City, Mich.
Industry File Works, Cleveland, Ohio.
Infanger, Chas., architect, 2634 Atlantic av, Brooklyn, N. Y.
Ingalls, Arthur R., architect, 7207 Yale av, Chicago, Ill.
Ingalls & Co., binders' board, Castleton, N. Y.
Ingalls, Harry C., architect, 17 E. 40th, New York.
Ingalls Iron Wks., machsts. & fdrs., Birmingham, Ala.
Ingalls & Kendricken, htg. contrs., 47 Bowker, Boston, Mass.
Ingalls-Shepard Forging Co., 322 S. Mich. av, Chicago, Ill.
Ingalls Stone Co., Bedford, Ind., & Binghamton, N. Y.
Ingemann Co., contractors, 1930 St. Anthony av, St. Paul, Minn.
Ingersoll Constr. Co., 324 Fourth av, Pittsburgh, Pa.
Ingersoll Engng & Constr. Co., 70 E. 45th, New York.
Ingersoll, J. H., & Co., canned goods, Exeter, N. H.
Ingersoll, John W., contractor, Atlantic City, N. J.
Ingersoll Milling Machine Co., Rockford, Ill.
Ingersoll, O. W., paint mfrs., 243 Plymouth, Bklyn, N. Y.
Ingersoll Paper Co., Troy, N. Y.
Ingersoll-Rand Co., fndrs. & pneumatic machy. mfrs., 11 B'way, New York. *See adv. index at end of book.*
Ingersoll-Rand Drill Co., 300 N. B'way, St. Louis, Mo.
Ingersoll, Robt. H., & Bro., watches, toys, tire pumps, etc., 315 4th av, New York.
Ingersoll Stouffer Engng. Co., Marshalltown, Iowa.
Ingerson & Glaser Co., stained glass, 1739 Sacramento, San Francisco, Cal.
Ingham & Boyd, architects, Vandergrift Bldg., Pittsburgh, Pa.
Ingham Lumber Co., Long Bldg., Kansas City, Mo.
Ingham-Veazie, architects, 114 Baldwin, Elmira, N. Y.
Ingle, John W., architect, 527 5th av, New York.
Ingle Machine Co., gear tooth rounding machy., 371 St. Paul, Rochester, N. Y.
Ingle Mfg. Co., stove mfrs. & mchsts., San Diego, Cal.
Inglee, Lewis, architect, Amityville, New York.
Inglenook Construction Co., Real Est. Bldg., Birmingham, Ala.
Inglis Mfg. Co., gasoline pumps, 285 5th av., Milwaukee, Wis.
Inglis, Wm., Wire & Iron Wks., 61 Woodbridge av, Detroit, Mich.
Ingold, F. B., masons & bldrs. matls,, Hickory, N. C.
Ingold Unit System Co., architects, 600 S. 1st, W, Cedar Rapids, Ia.
Ingraham, A. S. Co., plating works, Attleboro, Mass.
Ingraham, E. Co., alarm clocks, Bristol, Conn.
Ingraham, George Hunt, architect, 2 A Park, Boston, Mass.
Ingraham, John, granite prod., South Thomaston, Me.
Ingraham, T., & Co., mill & fcty. supplies, 1539 Columbus rd, Cleveland, O.
Ingraham, Wm. B., contractor, Uniontown, Pa.
Ingram, A. P., lbr., Lewes, Del.
Ingram & Co., brick, New Brighton, Pa.
Ingram-Day Lbr. Co., Lyman, Miss.
Ingram, J. D., lbr., McBee, S. C.
Ingram-Richardson Mfg. Co., Enameled Iron Signs, Beaver Falls, Pa.
Ingram, W. H., cooking apparatus, coppersmiths, 106 N 3d, Philadelphia, Pa.
Ingram, W. T., sand & gravel, Jeffersonville, Ind.
Ink Ribbon Mfg. Co., typewriter ribbon & carbon paper, 633 Howard, San Francisco, Cal.
Inlaid Floor Co., mfrs. of ornamental floors, interior woodwork, grills & weather strips, 118th & Alabama, San Francisco, & 4067 Watts, Emeryville, Cal.
Inlaid Slate Co., roofing, Pen Argyl, Pa.
Inlaid Slate Co., Wickliffe, Newark, N. J.
Inland Casket Co., Spokane, Wash.
Inland Construction Co., 4411 S. Grand av, St. Louis, Mo.
Inland Crystal Salt Co., Salt Lake City, Utah.
Inland-Delray Salt Co., Telegraph Bldg., Detroit, Mich.
Inland Elec. Co., 16 N. Franklin, St. Louis, Mo.
Inland Knitting Works, Knitted Gloves, Green Bay, Wis.
Inland Machine Works, 808 Mound, St. Louis, Mo.
Inland Portland Cement Co., Spokane, Wash.
Inland Printer, trade publication, 632 Sherman, Chicago, Ill.
Inland Steel Casting Co., Terre Haute, Ind.
Inland Steel Co., rolling mills, 38 S. Dearborn, Chicago, Ill.
Inland Storekeeper, trade publication, 122 S. Michigan av, Chicago, Ill.
Inland Supply Co., mill & fcty. & plbrs.' supplies, Danville, Ill.
Inland White Lead Co., paint mfrs., 741 Boston av, Chicago, Ill.

Inman Box Co., pckg. box mfrs., 2d & Delaware, Kansas City, Mo.
Inman Mfg. Co., mchsts. & fndrs., Amsterdam, N. Y.
Inman Mills, cotton sheetings, Inman, S. C.
Inman Poulsen Lbr. Co., ft. of E. Caruthers, Portland, Ore.
Inman Tile Co., common brick, Millgrove, Ind.
Inner Braced Furniture Co., desks, Elkhart, Ind.
Innis, Speiden & Co., Inc., chemicals, 46 Cliff, New York
See adv. index at end of book.
Innovation Electric Co., hand & power vacuum cleaners, 585 Hudson, New York.
Innovation Trunk Co., trunk mfrs., 3 Canal pl, New York.
Inscho, C. L., architect. Brunsen Bldg., Columbus, Ohio.
Insecticide Co., Phelan Bldg., San Francisco, Cal.
Insinger Co., machsts., Stenton av, Phila., Pa.
Inskeep Mfg. Co., gloves, Washington, Ohio.
Insley, G. C., canned goods, Lakesville, Md.
Insley Mfg. Co., derricks, hoists, etc., bldrs., 3500 E. St. Clair, Indianapolis, Ind.
Insley & Mitchell, canned goods, Salisbury, Md.
Instantaneous Glue Converter Co., glue heaters, 3752 Montgomery av, Norwood, Cincinnati, Ohio.
Instantaneous Water Htg. Co., Kalamazoo, Mich.
Institute of Applied Arts, engng. schools & coll., Cincinnati, O.
Insto Elec. Heater Co., elec. water heater, 331 Blymer Bldg., Cincinnati, Ohio.
Insulatine Co., wax, insulating compounds, 1 B'way. New York.
Insulating Materials Co., commutator compounds, 805 Wesson av, Detroit, Mich.
Insulator Arrester Co., Duluth, Minn.
Insulite Chemical Co., waterproof mtls., Aurora, Ill.
Insull, Thos., coil, spiral & elliptic springs, 1439 Hutchinson, Philadelphia, Pa.
Insurance Fdry. Co., Covington, Ky.
Insurance Packing Mills, case linings, Brockton, Mass.
Integral Waterproofing Co., cement waterproofing material, 80 Front, New York .
Integrity Const. Co., Lincoln Bldg., Philadelphia, Pa.
Interboro Medal & Badge Co., 40 Maiden la, New York.
Interborough Plumbing Supply Co., 3923 3d av, New York.
Interborough Sash & Door Co., 340 Junius, Brooklyn, N. Y.
Interior Hardwood Co., oak flooring, 1334 Beecher, Indianapolis, Ind.
Interior Lumber Co., Keenan Bldg., Pittsburgh, Pa.
Interior Metal Mfg. Co., hollow steel doors, etc., Jamestown N. Y. *See adv index at end of book.*
Interior Woodwork Co., 523 Park, Milwaukee, Wis.
Interlaced Parquetry Co., parquet floors, 13 Lawrence, New York.
Interlake Pulp & Paper Co., Appleton, Wis.
Interlaken Mills, book cloth, shade cloth mfrs., Turks Head Bldg., Providence, R. I.
Interlocked Metallic Hose Co., Orchard & Scott, Newark, N. J.
Interlocking Fence Co., Morton, Ill.
Intermountain Bridge & Constr. Co., Tecumseh, Neb.
Intermountain Concrete Co., contractors, Ogden, Utah.
International Agricultural Corp., fertilizer mfrs., 61 Broadway, New York.
International Arms & Fuse Co., annunciators, Bloomfield, N. J.
International Asphalt Co., 133 W. Washington, Chicago, Ill.
International Ball & Roller Bearing Co., machsts., 1283 Niagara, Buffalo, N. Y.
International Battery Co., 453 Broome, New York.
International Bedding Co., mattresses, Chase & Guilford, Baltimore, Md.
International Boiler Cleaning Co., 343 N. Calvert, Balto., Md.
International Boiler Compound Co., 144 W. Austin av, Chicago, Ill.
International Braid Co., 47 Charles, Providence, R. I.
International Brass & Elec. Co., 76 Beekman, New York.
International Brick Mach. Co., Binghamton, N. Y.
International Button Co., Rochester, N. Y.
International Carbon Paper Co., typewriter ribbons, 206 Broadway, New York.
International Casement Co., window frame & sash, Jamestown, N. Y.
International Chemical Co., Camden, N. J.
International Cigar Machy. Co., 5520 2d av, Brooklyn, N. Y.
International Clay Machinery Co., Dayton, Ohio.
International Composition Co., marine paints, 18 B'way, New York.
International Concentration Co., ore, 149 B'way, New York.
International Confectioner, trade publication, 109 Lafayette, N. Y.
International Cork Co., 99 Sutton, Brooklyn, N. Y.
International Cotton Mfg. Co., East Killingly, Conn.
International Cotton Mills, tire fabrics, 60 Federal, Boston Mass.
International Creosoting & Canstr. Co., Gelveston, Tex.
International Diamond Drill Contracting Co., Spokane, Wash.
International Distilling Co., Ltd., 921 Canal, New Orleans, La.
International Ditching & Road Machy. Co., Owensboro, Ky.
International Elec. Mfg. Co., melting pots, Indianapolis, Ind.
International Engineer Supply Co., 123 Prince, New York.
International Engineering Co., Society for Savings Bldg., Cleveland, Ohio.
International Engng. Wks., machy. dlrs., 15 Park Row, New York.
International Engineering Wks., machsts., grate bars, steel tanks, etc., Framingham, Mass.
International Equip't Co., centrifugals, 352 Western av, Boston, Mass.
International Extract & Color Co., Utica, N. Y.
International Filter Co., 38 So. Dearborn, Chicago, Ill.
International Floor Mach. Co., 149 W. 36th, New York.
International Fdry., Cleveland, O.
International Glass Co., Millville, N. J.
International Glue Co., 24 T Wharf, Boston, Mass.
International Golf Shaft Co., Dayton, Ohio.
International Guarantee Roofing Co., cornices & skylights, 165 Lexington av, New York.
International Gymnasium Supply Co., Springfield, Mass.
International Harness Machy. Co., 708 B'way, Cincinnati, Ohio.
International Harrow Cultivator Co., Birmingham, Ala.
International Harvester Co. of America, Harvester Bldg., Chicago, Ill.
International Heater Co., Utica, N. Y.
International High Speed Steel Co., "Bull Dog" brand, rock drill steels, hollow & solid, 99 Nassau, New York.
See adv index at end of book
International Instrument Co., 23 Church, Cambridge, Mass.
International Insulation Co., insulating materials, International Falls, Minn.
International Lead Refining Co., pig lead, East Chicago, Ind.
International Lime Co., Sumas, Wash.
International Lumber Co., 11 So. La Salle, Chicago, Ill. & 600 Andrews Bldg., Minneapolis, Minn.
International Mach. & Screw Co., Springfield, Mass.
International Machine Tool Co., 1111 Power av, Indianapolis, Ind.
International Mailing Tube & Wrapper Co., Concord & Prince, Brooklyn, N. Y.
International Mfg. Co., machsts., seed cleaners, Crestline, Ohio.
International Marine Engin'g, trade publication, Whitehall Bldg., New York.
International Metal Polish Co., Quill & Belt Ry., Indianapolis, Ind.
International Mill & Timber Co., house manufactures, Salzburg & M. C. R. R., Bay City, Mich.
International Molding Mach. Co., 2614 W. 16th, Chicago, Ill.
International Money Machine Co., adding, Terre Haute, Ind.
International Motor Co., machsts., 252 W. 64th, New York.
International Nickel Co., 43 Exch. pl, New York.
International Oil Refining Co., 1001 S. Wabash av, Chicago, Ill.
International Oxygen Co., gas mfrs., 115 Broadway, New York.
International Packing Mach. Co., 434 E. 71st, New York.
International Paper Box Mach. Co., Nashua, N. H.
International Paper Co., 30 Broad. New York.
International Phosphate Co., 27 State, Boston, Mass.
International Portland Cement Co., Spokane, Wash.
International Postal Supply Co., machsts., 634 Prospect pl, Brooklyn, N. Y.
International Pottery Co., Trenton, N. J.
International Process Co., digesters, paper & pulp mill machy., 5 Beekman, New York.
International Products Co., paint, White Bldg., Buffalo, N. Y.
International Provision Co., 33 Degraw, Brooklyn, N. Y.
International Pulp Co., clays, minerals, etc., 41 Park Row, New York.
International Refining Co., naphtha, Tulsa, Okla.
International Register Co., trolley arc lamp cords, cane fans, registers, badges, emblems, etc., 15 Throop, Chicago, Ill.
International Rice Mills Co., Eagle Lake, Tex.
International Roll Paper Co., North Manchester, Ind.
International Roofing Mfg. Co., 5301 S. Western av, Chicago, Ill.
International Rubber Co., 120 B'way, New York.
International Salt Co., Scranton, Pa.
International Seal & Knot Protector Co., 133 Mercer, New York.
International Seal & Lock Co., Hastings, Mich.
International Seed Co., Rochester, N. Y.
International Shade Co., Springfield, Mass.
International Sign Co., glass, Cleveland, O.
International Silica Co., miners & millers, Cairo, Ill.
International Silo Co., Linesville, Pa.
International Silver Co., sterling silver ware, Meriden, Conn.
International Slate Co., Slatington, Pa.
International Smelting Co., 42 B'way, New York.
International Sprinkler Co., automatic fire sprinklers, 123 William, New York.
International Steam Engng. Co., water cooling towels, Atlanta, Ga.
International Steel & Iron Co., Edgar & Cleveland av, Evansville, Ind.
International Steel Tie Co., 16702 Waterloo av, Cleveland, Ohio.
International Stereograph Co., lantern slides, Decatur, Ill.
International Sugar Feed Co., 15 Av, S. E. & Rollins, Minneapolis, Minn.
International Supply Co., soap makers, Second & Bent, Cambridge, Mass.
International Tag Co., 652 W. Lake, Chicago, Ill.
International Time Recording Co., self-winding clocks, Endicott, N. Y.
International Trade Developer, publications, 168 N. Michigan av, Chicago, Ill.

International Typesetting Mach. Co., ft. Montague, Brooklyn, N. Y.
International Ultramarine Wks., ultramarine blues, 115 Leonard, New York.
International Window Mfg. Co., 2007 W. Allegheny av, Philadelphia, Pa.
Interocean Barge & Transport Co., Seattle, Wash.
Interocean Oil Co., 90 West, New York.
Inter-Ocean Oil Co., lubricating oils, 171 N. Green, Chic., Ill.
Inter-State Auto. & Supply Co., metal polish, Sioux City, Ia.
Interstate Bottle Stopper Co., 168 39th, Brooklyn, N. Y.
Interstate Building Material Co., Union City, Ind.
Inter-State Car Co., Indianapolis, Ind.
Interstate Chem. Co., soap, compounds, 657 Garfield av, Jersey City, N. J.
Interstate Constr. Co., 17 Custom House, Providence, R. I.
Interstate Contract Co., Bates Bldg., Portland, Ore.
Interstate Contrg. & Supply Co., stone prod., East St. Louis, Ill.
Interstate Drainage & Trust Co., Britt, Ia.
Interstate Elec. Nov. Co., elec. lamp flashlights, 104 S. 4th, Brooklyn, N. Y.
Inter-State Engine & Tractor Co., farm implements, Waterloo, Ia.
Interstate Equip't Co., concrete mixers, South Bend, Ind.
Interstate Equip't Corp., wire rope, tramways, 10 Wall, New York.
Interstate Fire Clay Co., Citizens Bldg., Cleveland, Ohio.
Interstate Foundry Co., E. 61st & Erie R. R., Cleveland, Ohio.
Interstate Hardware & Supply Co., Bristol, Tenn.
Interstate Heater Co., hot air furnaces, 403 Lang av, Cleveland, Ohio.
Interstate Iron & Steel Co., 1st Natl. Bank Bldg., Chicago, Ill.
Interstate Limestone Co., Youngstown, Ohio.
Interstate Lumber Co., Quitman, Ga., Stillwater, Minn., & The Arcade, Cleveland, Ohio.
Interstate Machine Products Co., force feed lubricators, fire horns, 56 Allen, Rochester, N. Y.
Interstate Machinery Co., Troy, N. Y.
Interstate Mfg. Co., furnaces, Oskaloosa, Ia.
Interstate Material Co., masons' & bldrs.' matls., Davenport, Ia.
Interstate Motor Co., Muncie, Ind.
Interstate Oil & Fertilizer Co., Birmingham, Ala.
Interstate Packing Co., meat, Winona, Minn.
Interstate Roofing & Foundry Co., Anniston, Ala.
Interstate Rubber Co., Spokane, Wash.
Interstate Stone Co., Lima, Ohio.
Interstate Tractor Co., gas engines, Waterloo, Ia.
Introstile Mfg. Co., nail boxes, twine holders, Marietta, Ohio.
Invader Oil Co., graphite lubricants & greases, 76 Pearl, New York.
Inverness Mills Co., cotton sheetings, Winston-Salem, N. C.
Invincible Blow Pipe Co., 2527 Homer, Chicago, Ill.
Invincible Grain Cleaner Co., machsts. & fndrs., Silver Creek, N. Y.
Invincible Mfg. Co., belt dressing, Central Nat'l Bank Bldg., Columbus, O
Invincible Mfg. Co., vacuum clnrs., Point Power Bldg., Pittsburgh, Pa.
Invincible Metal Furn. Co., filing cabinets & devices, Manitowoc, Wis.
Invincible Vacuum Clnrs. Mfg. Co., Canal Dover, O.
Invisible Roll Screen Co., East av, Long Island City, N. Y.
In-Vu Mfg. Co., mail receptacles, Rochester, N. Y.
Iola Brick Co., Iola, Kan.
Iola Portland Cement Co., Iola, Kan.
Iona Ventilator Co., 2319 N. Laura, Philadelphia, Pa.
Ione Firebrick Co., Monadnock Bldg., San Francisco, Cal.
Ionia Fine Art Pottery, domestic china, Trenton, N. J.
Ionia Pottery Co., Ionia, Mich.
Iowa Boiler Works, Des Moines, Ia.
Iowa Brass Fdry., Waterloo, Ia
Iowa Bridge Co., Des Moines, Ia.
Iowa Canning Co., Vinton, Ia.
Iowa City Canning Co., Iowa City, Ia.
Iowa Coffin Co., Dubuque, Ia.
Iowa Constr. Co., Engng. Co., Davenport, Ia.
Iowa Ditching Mach. Co., Mt. Pleasant, Ia.
Iowa Fdry. Co., Sioux City, Ia.
Iowa Fdry. & Mfg. Co., Fort Dodge, Ia.
Iowa Gasoline Engine Co., Waterloo, Ia.
Iowa Gate Co., Cedar Falls, Ia.
Iowa Lumber Co., Waterloo, Ia.
Iowa Mach. Works, Works, Clinton, Ia.
Iowa Machy. & Supply Co., Des Moines, Ia.
Iowa Malleable Iron Co., Fairfield, Ia.
Iowa Mfg. Co., pumps, Oskaloosa, Ia.
Iowa Motor Truck Co., Ottumwa, Ia.
Iowa Packing Co., meats, Des Moines, Ia.
Iowa Paint Mfg. Co., truck units, Fort Dodge, Ia.
Iowa Pipe & Tile Co., flue linings, Des Moines, Iowa.
Iowa Pure Iron Culvert Co., Des Moines, Ia.
Iowa Radiator Co., Cedar Rapids, Ia.
Iowa Soap Co., Burlington, Ia.
Iowa Soda Products Co., Council Bluffs, Ia.
Iowa Spreader & Engine Co., Waterloo, Ia.
Iowa State College Div., engng. school & coll., Ames, Ia.
Iowa Steel & Iron Works, Cedar Rapids, Ia.
Iowa Stone Co., Cedar Rapids, Ia.
Iowa Sugar Co., Waverly, Ia.
Iowa Valley Canning Co., Marengo, Ia.
Iowa Valve Co., Oskaloosa, Ia.
Iowa Wind Mill & Pump Co., Cedar Rapids, Ia.
Iredell, F. W., machy. dealers, 11 B'way, New York.
Iredell, Leslie N., architect, Littlefield Bldg., Austin, Tex.
Ireland, Bertram, architect, Atlantic City, N. J.
Ireland, C. L., contractor, Van Wert, Ohio.
Ireland & Helfrich, agricultural implements, Spencerport, N. Y.
Ireland Machine & Foundry Co., Norwich, N. Y.
Ireland Mfg. Co., machinery, Washington, C. H., Ohio.
Ireland & Matthews Mfg. Co., machsts. & sheet metal goods mfrs., 51 Iron, Detroit, Mich.
Ireland, Robt. D., & Co., elec. fix., 278 Boylston, Boston, Mass.
Ireland & Rollings, sashes, doors & blinds contr., Fort Scott, Kans.
Ireland, W. H., stone producers, 1220 Filbert, Philadelphia, Pa.
Irene Mills, towels, damasks, cotton, Gaffney, S. C.
Ireson, Chas. L., mill & facty. supplies, 221 High, Boston, Mass.
Irey, John H., cement silos & block molds, West Liberty, Ia.
Irish, Geo., Paper Co., Buffalo, N. Y.
Irish, Hiram E., architect, 402 S. Tremont av, Los Angeles, Cal.
Irish, W. F., Elec. Supplies, conduit pipe hanging clamps, road oilers, tank switches, etc., 130 W. 32nd, New York.
Iron Age, trade publications, 239 W. 39th, New York.
Iron City Brick & Stone Co., common, Stanton & McCandless av, Pittsburgh, Pa.
Iron City Electric Co., mine supplies, Pittsburgh, Pa.
Iron City Foundry Co., Lebanon, Pa.
Iron City Grate Bar Co., Warren, Ohio.
Iron City Heating Co., contrs., 843 Jackson, Pittsburg, Pa.
Iron City Lumber Co., Birmingham, Ala.
Iron City Oil & Varnish Co., Inwood & Frankstown, Pittsburgh, Pa.
Iron City Roofing Co., cornices & skylights, 6943 Frankstown av, Pittsburgh, Pa.
Iron City Sand Co., Bessemer Bldg., Pittsburgh, Pa.
Iron City Sanitary Mfg. Co., bath tubs, machsts. & fndrs., Oliver Bldg., Pittsburgh, Pa.
Iron City Spring Co., carriage, 2920 Smallman, Pittsburgh, Pa.
Iron City Stone & Constr. Co., Wilkinsburg, Pa.
Iron City Stove & Fdry. Co., grey iron castings, Bristol, Va.
Iron City Tool Wks., Ploe anvils, spike pullers, 3201 Smallman, Pittsburgh, Pa.
Iron Clad Gas Mantle Co., Canton, Ohio.
Iron Clad Joint Co., expansion ball & flexible joints, 120 W. 42nd, New York, & 400 Godchaux Bldg., New Orleans, La.
Iron Clad Mfg. Co., waste cans, 178 Cook, Brooklyn, N. Y.
Iron Crib & Bin Co., Wooster, Ohio.
Iron Hydroxide Co., oxide of iron, Philadelphia, Pa.
Iron Ledge Co., contrs., 320 North av, Bridgeport, Conn.
Iron Ridge Canning Co., Iron Ridge, Wis.
Iron Spec. Co., junction boxes, 166 E. 114th, New York.
Iron Trade Review, trade publication, Pentox Bldg., Cleveland, Ohio.
Ironclad Incubator Co., Racine, Wis.
Ironclay Brick Co., Columbus, Ohio.
Irondequoit Coal & Supply Co., masons' & bldrs.' matls., Irondequoit, N. Y.
Ironite Co., waterproof matl. mfrs., 111 W. Washington, Chicago, Ill.
Irons & Todd, contractors, 101 Park av, New York.
Ironsides Co., Columbus, Ohio.
Ironsides Pottery Co., sanitary earthenware, Bordentown, N. J.
Ironton Cross Tie Co., Ironton, Ohio.
Ironton Engine Co., Ironton, Ohio.
Ironton Incandescent Light & Supply Co., gas stoves, Ironton, Ohio.
Ironton Lumber Co., Ironton, Ohio.
Ironton Portland Cement Co., Ironton, Ohio.
Ironton Punch & Shear Co., Ironton, Ohio.
Ironton Roofing & Corrugating Co., Ironton, Ohio.
Ironton Wood Mantel Co., Ironton, Ohio.
Ironwood Mfg. Co., agricultural implements, Bellefontaine, Ohio.
Iroquois Auto. Top Co., bow separators, Utica, N. Y.
Iroquois Bag Co., Buffalo, N. Y.
Iroquois Canning Co., Onarga, Ill.
Iroquois China Co., Solvay, N. Y.
Iroquois Door Co., sash, door & blind mfrs., Buffalo, N. Y.
Iroquois Engng. Co., 343 S. Dearborn, Chicago, Ill.
Iroquois Fndries, Inc., white metal, aluminum, brass & bronze castings, 474 Genesee, Utica, N. Y.
Iroquois Iron Co., 3267 E. 95th, Chicago, Ill.
Iroquois Nipple Wks., iron pipe nipples, 306 Genesee, Buffalo, N. Y.
Iroquois Pulp & Paper Co., Thomson, N. Y.
Irvin, Jewell & Vinson Co., plate glass, paint mfrs., Dayton, Ohio.
Irvin, R. J. Mfg. Co., auto. windshields, Indianapolis, Ind.
Irvin, Richard, architect, Union Bk. Bldg., Pittsburgh, Pa.
Irvin, Richard, & Co., architects, Commerce Bldg., Erie, Pa.
Irvine & Jachens, badges & emblems, 1027 Market, San Francisco, Cal.
Irvine, Robt. C., lumber, Hollidaysburg, Pa.
Irving & Ackert, contrs., Poughkeepsie, N. Y.
Irving Canning Co., La Conner, Wash.

Irving & Casson, wood mantels, 573 Boylston, Boston, Mass.
Irving Cut Glass Co., Honesdale, Pa.
Irving, E. A., contractor, 3821 Spring Grove av, Cincinnati, Ohio.
Irving Iron Works Co., grating-subway, 3d, Long Island City, N. Y.
Irving, J. S., masons' & bldrs.' matls., Westfield, N. J.
Irving Mfg. Co., crinoline, book cloth, 23 Jersey, New Brighton, S. I., N. Y.
Irving Mfg. & Tool Co., 157 Chambers, New York.
Irving, Newell, Constr. Co., Watervliet, N. Y.
Irving Park Sash & Door Co., 4254 N. Crawford av, Chicago, Ill.
Irving-Pitt Mfg. Co., loose leaf devices, Kansas City, Mo.
Irving, W. A., packing box mfrs., Salem, Mass.
Irvington Bldg. Co., Law Bldg., Indianapolis, Ind., & Irvington, N. J.
Irvington Coal & Lime Co., masons' & bldrs.' matl., 5643 Bonna av. (Irvington), Indianapolis, Ind.
Irvington Mfg. Co., machsts., Irvington, N. J.
Irvington Mill & Elevator Co., Irvington, Ky.
Irvington Packing Co., canned goods, Irvington, Va.
Irvington Smelting & Refining Wks., Irvington, N. J.
Irvington Varnish & Insulator Co., Irvington, N. J.
Irwin Auger Bit Co., Wilmington, Ohio.
Irwin Foundry & Mine Car Co., Irwin, Pa.
Irwin, H. C., masons' & bldrs.' matls., Springfield, Ill.
Irwin, John B., contractor, Sault Ste. Marie, Mich.
Irwin, Jno. W. (Est. of), lbr. mfrs., Goshen, Ind.
Irwin & Leighton, contractors, 126 N. 12th, Philadelphia, Pa.
Irwin Mfg. Co., clothes washing machs., Front & Pike, Cincinnati, Ohio.
Irwin, Paul W., architect, Renshaw Bldg., Pittsburgh, Pa.
Irwin, R. J., machinist, Steubenville, Ohio.
Irwin, S. C., architect, Chamber of Com. Bldg., Tacoma, Wash.
Irwin, Thos. W., Mfg. Co., cornices & skylights, 307 Cremo, Pittsburgh, Pa.
Irwin, Wm. R., contractor, Mason City, Ia.
Isaac, Hyman, Sons Co., scrap iron & steel, Elizabeth, N. Y.
Isaacs, A., & Co., sponges & chamois imp., 58 Beekman, New York.
Isaacs, R. D., & Son, contractors, Wilkes-Barre, Pa.
Isaacs, S., & Co., glue & gelatine mfrs., 100 William, New York.
Isaacson, L. G., Co., mill & facty. supplies, wholesale hdwe., Aberdeen, Wash.
Isabella Limestone Co., New Castle, Pa.
Isakson, P. A., contractor, Ogden, Utah.
Isbell, J. A., wood handles, Baxter, Tenn.
Isbell-Porter Co., gas works apparatus & contr., Newark, N. J.
Isco-Bautz Co., silicia, 46 Cliff, New York.
Isco Chemical Co., chemical mfrs., 46 Cliff, N. Y.
Isear, Meyer, contractor, 481 E. 174th, New York.
Isecovitz, Morris, scrap iron & steel, Reading, Pa.
Isele, A. W., & Son, hammers, tools, etc., 51 Pitt, Boston, Mass.
Iselin, Wm. O'D., architect, 14 E. 46th, New York.
Isely, Samuel, contractor, Monroe, Wis.
Isenberg Bedding Co., mattresses, Wilmington, Del.
Isenberg Bros., Baraboo, Wis.
Isenberg & Krevitzkin, contractors, 54th & Springfield, Philadelphia, Pa.
Isensee, Wm., & Co., machsts. & fndrs., Portland, Ore.
Isenstein, Otto, & Co., essential oils, varnish gums, etc., 10 Hubert, New York.
Isgrigg, W. H., & Son, brick contractors, Greensburg, Ind.
Isham, Arlington D., architect, 115 B' way, New York.
Isham H'dwe Co., who. h'dwe., Burlington, Vt.
Isham, Norman M., architect, Grosvenor Bldg., Providence, R. I.
Isham, Phillips, pig iron & coke dlrs., 55 Liberty, New York.
Isherwood, J. W., architect, 17 Battery pl., New York.
Isko, Inc., elec. refrigerating machinery, Detroit, Mich.
Island Box Co., packing, Haverhill, Mass.
Island Mfg. Co., lumber, Couperville, Wash.
Island Paper Co., Carthage, N. Y., & Menasha, Wis.
Island Petroleum Co., lubrg. oils, Keyser Bldg., Baltimore, Md.
Isles, Andrew, architect, Diamond Bk. Bldg., Pittsburgh, Pa.
Isolated Plant Publish. Co., trade, 366 5th av, New York.
Israel Bros. Iron & Metal Co., scrap, Dayton, Ohio.
Israeli, E., architect, Girard Bldg., Philadelphia, Pa.
Isseks, David, wood tanks, 94 Mangin, New York.
Issenhuth, George, architect, Huron, S. D.
Iszard-Warren Co., levels, 136 N. 12th, Philadelphia, Pa.
Italian Marble Mosaic Co., mosaic mantels, 431 Spruce, Philadelphia, Pa.
Italian Mosaic & Marble Co., Buffalo, N. Y.
Italy Cotton Oil Co., meal, Italy, Tex.
Itasca Cotton Mfg. Co., Itasca, Tex.
Itasca Lbr. Co., 827 Lbr. Ex., Minneapolis, Minn.
Itasca Mfg. Co., advtg. nov. & spec., 510 W. Van Buren, Chicago, Ill.
Itasca Paper Co., Grand Rapids, Minn.
Itasca Roller Mills & Elevator Co., flour, Itasca, Tex.
Ithaca Calendar Clock Co., Ithaca, N. Y.
Ithaca Glass Mfg. Co., Spring City, Pa.
Ithaca Gun Co., shot guns, Ithaca, N. Y.
I. T. S. Rubber Co., heels, Elyria, Ohio.
Ittenbach, G., & Co., stone producers, 916 Harrison, Indianapolis, Ind.
Itter, Chas., contractor, Hazleton, Pa.
Ittner, Anthony, Brick Co., Odd Fellows Bldg., St. Louis, Mo.
Ittner, Wm. B., architect, Bd. of Education Bldg., St. Louis, Mo.
Itzel, Carl J., architect, 1362 Prospect av, New York.
Ivanhoe Furnace Co., blast furnaces, Ivanhoe, Va.
Ivanhoe-Regent Works of G. E. Wks., lamp reflectors, Cleveland, Ohio.
Ivens, Wm. H., Sons Co., terra cotta, clayworking, pottery machinery, etc., Trenton, N. J.
Iver Glass Co., milk bottle caps, Columbus, Ohio.
Iver, John, & Co., contractors, Bradford, Pa.
Ivers, F., & Son, carriages, Cambridge, Mass.
Ivers & Pond Piano Co., 114 Boylston, Boston, Mass.
Iverson Bros., machinists, Salinas, Cal.
Iverson, E., & Sons, contractors, 175 W. Jackson Blvd., Chicago, Ill.
Iverson, J. B., lumber, Forks, Wash.
Ivery, Edwin J., archit., Boston Bldg., Seattle, Wash.
Ives, H. B., Co., hdwe. mfrs., New Haven, Conn.
Ives, L. D., mattresses, Binghamton, N. Y.
Ives, Loyal T., Co., textile machy. supplies, New Brunswick, N. J.
Ives Mfg. Co., elec. pumps, 203 Hanover, Baltimore, Md.
Ives Mfg. Co., motorcycles, Oswego, N. Y.
Ives Mfg. Corp., mechl. toys, Bridgeport, Conn.
Ives, W. A., Mfg. Co., machsts. & fndrs., auger bits, screwdrivers, etc., Wallingford, Conn.
Ives, Wallace A., machsts. & fndrs., Sturgeon Bay, Wis.
Ivins, Ellwood, Tube Wks., Oak Lane Sta., Philadelphia, Pa.
Ivory Handle Co., Hope, Ark.
Ivory, J. C., contractor, Altoona, Pa.
Iwan Bros, bush hooks, Streator, Ill.
Iwan Bros., machsts., South Bend, Ind.
I. X. L. Furniture Co., kitchen cabinets, Goshen, Ind.
I. X. L. Handle Mfg. Co., Dexter, Mo.
I. X. L. Pump & Mfg. Co., 957 N. 9th, Philadelphia, Pa.
Izmirian, Chas., Cornice & Roofing Co., cornices & skylights, 4417 3rd av, New York.
Jaastad, Henry O., architect, Tucson, Ariz.
Jabelonsky, C. H., architect, Peyton Bldg., Spokane, Wash.
Jaburg Bros., dough mixing machines, 10 Leonard, New York.
Jackes-Evans Mfg. Co., stove pipes, currycombs, Main & Tyler, St. Louis, Mo.
Jackman, W. J., guy anchors, Lima, Ohio.
Jacksboro Mill & Elevator Co., flour, Jacksboro, Tex.
Jacksboro Oil & Milling Co., meal, Jacksboro, Tex.
Jackson, A. D., Saddlery Co., horse collars, Benton, Ill.
Jackson, A. R., Kansas City Show Case Wks. Co., 620 E 3d, Kansas City, Mo.
Jackson, Allen W., architect, Equitable Bldg., Boston, Mass.
Jackson, Arthur C., architect, 25 Madison av, New York.
Jackson Automobile Co., Jackson, Mich.
Jackson Bangor Slate Co., roofing, Pen Argyl, Pa.
Jackson Brass Fdry. Co., machsts. & fndrs., Jackson, Mich.
Jackson Brick Co., Jackson, Tenn.
Jackson Bros. Co., lbr., Salisbury, Md.
Jackson-Byron Iron Wks., power pumps & pumping engines, 357-361 Market, San Francisco, Cal.
Jackson, C. D., & Co., marble, onyx, etc., 105th & E. R., New York.
Jackson, C. E., & Co., machsts. & fndrs., 518 Prospect, N. W., Cleveland, Ohio.
Jackson, C. P., lumber, Lawrenceville, Ga.
Jackson, C. W., & Sons, canned goods, 3212 E. 10th, Indianapolis, Ind.
Jackson Casket & Mfg. Co., Jackson, Miss.
Jackson, Chas. H., mill & facty. supplies, Rome, N. Y.
Jackson & Church Co., machsts. & fndrs., Saginaw, Mich.
Jackson, Church & Wilcox Co., machsts., Saginaw, Mich.
Jackson Co., flannels & sheetings, cotton, Nashua, N. H.
Jackson & Co., machsts. & fndrs., Rochester, Mich.
Jackson Contr'ng Co., Inc., 113 Vesey, Newark, N. J.
Jackson Cushion Spring Co., cushion springs & assemblies, 710 Water, Jackson, Mich.
Jackson, E. E., Lbr. Co., Keyser Bldg., Baltimore, Md.
Jackson, E. S., & Co., fndry. facings & supplies, 224 E. 2d, Cincinnati, Ohio.
Jackson-Eagleton Brick Co., Maryville, Tenn.
Jackson, Edwin A., & Bros. (Inc.), mantels and grates, 50 Beekman, New York. *See adv index at end of book.*
Jackson Fence Co., Jackson, Mich.
Jackson Fertz. Co., Jackson, Miss.
Jackson Fibre Co., bags, Bemis, Tenn.
Jackson Fire Brick Co., 20 W. Jackson Blvd., Chicago, Ill.
Jackson Foundry & Machine Co., Paducah, Ky.
Jackson, Francis E., x-ray fluoroscopes, Orange, N. J.
Jackson, Frank H., architect, 1240 Kearney, N. E., Washington, D. C.
Jackson, Frank J., architect, Orear-Leslie Bldg., Kansas City, Mo.
Jackson, G. Edwin, architect, Clarendon Bldg., Utica, N. Y.
Jackson Gas Engine Co., clothes washing machs., Jackson, Mich.
Jackson, Geo., Carriage & Implement Co., Pueblo, Colo.
Jackson Glass Wks., Jackson, Mich.
Jackson & Green, contrs., 500 Park, Bridgeport, Conn.
Jackson Hardware Co., Aberdeen, S. D.
Jackson Iron & Bronze Wks., Jackson, Tenn.
Jackson Iron & Steel Co., Jackson, Ohio.

Jackson, Isaac, Belt Fastner Co., 51 Barclay, New York.
Jackson, J. A., canned goods, Goldsboro, Md.
Jackson, J. Elvin, architect, 727 Walnut, Philadelphia, Pa.
Jackson, J. M., Lumber Co., Parkersburg, W. Va.
Jackson, J. O., Jr., flour, Comet, Tex.
Jackson, J. Richard, contractor, Perry Bldg., Philadelphia, Pa.
Jackson, J. T., Lumber Co., Lexington, Ky.
Jackson, J. W., contractor, Noblesville, Ind.
Jackson, J. W., oilers, cans, Sharpsville, Pa.
Jackson, Jerome P., architect, Sec. Bk. Bldg., Minneapolis, Minn.
Jackson, John H., Tile Co., Albany, N. Y.
Jackson, John J., Co., granulated gold & silver, silver chloride, nitrate, etc., 158 Astor, Newark, N. J.
Jackson, John W. & C. R., flour, Kirwin, Kans.
Jackson, Jos. A., architect, 1123 B'way, New York.
Jackson, L. A., lbr., Crystal, N. H.
Jackson, Louis E., architect, 8 Beacon, Boston, Mass.
Jackson Lumber Co., Lockhart, Ala., & Jackson, Miss.
Jackson Lumber & Supply Co., Waterloo, Ia.
Jackson, M. J., & Son Co., contrs., Troy, N. Y.
Jackson, M. L., contractor, Lorain, Ohio.
Jackson Mach. Tool Co., die sinking machs., Jackson, Mich.
Jackson Mfg. Co., machsts., Rockford, Ill., & Jackson, Ohio.
Jackson Mfg. Co., wheel barrows & small car mfrs., Harrisburg, Pa. *See adv index at end of book.*
Jackson & Maurice, contractors, Ford Bldg., Detroit, Mich.
Jackson Mill & Lumber Co., Jackson, Ohio.
Jackson Milling Co., flour, Stevens Point, Wis.
Jackson Mills, cotton sheetings, Iva., S. C.
Jackson Mills Emery Co., polishers' materials mfrs., Easton Pa.
Jackson Motor Shaft Co., Jackson, Mich.
Jackson & Newton Co., sash, door & blind, 105 Portland, Boston, Mass.
Jackson, O., machsts. & fndrs., Greenwood, N. Y.
Jackson Organ Co., Burlington, Ia.
Jackson, P. H., & Co., vault & sidewalk lights, 237 1st, San Francisco, Cal.
Jackson Potteries Co., Inc., vitreous china plumbing fixtures, Fulton Bldg., Pittsburgh, Pa.
Jackson Repairing Co., carriages, Washington, Pa.
Jackson, Rich., Slate Co., roofing, Pen Argyl, Pa.
Jackson-Richter Iron Wks. Co., Denver, Colo.
Jackson, Robertson & Adams, architects, Turk's Head Bldg., Providence, R. I.
Jackson, Rosencrans & Waterbury, architects, 1328 B'way, New York.
Jackson, S. R., levels, plumb bobs, etc., Watertown, N. Y.
Jackson & Salomonson, architects, 36 Bromfield, Boston, Mass.
Jackson, Sam'l, Co., steam fitters' supplies, Pawtucket, R. I.
Jackson Sand Mining Co., Jackson, Ohio.
Jackson Shear & Razor Co., Fremont, Ohio.
Jackson Shovel & Tool Co., Montpelier, Ind.
Jackson Stone Co., Bridgeport, Conn., & Covington, Ohio.
Jackson Supply Co., fertilizer, Baconton, Ga.
Jackson, Thos., & Co. (Ltd.), sash, door & blind mfrs., Saginaw, Mich.
Jackson, Thos. F., Co., stone prod., Waterbury, Conn.
Jackson, Thos., & Son Co., cord & twine, Reading, Pa.
Jackson, Thos. W., masons' & bldrs.' matrls., Middleport, N. Y.
Jackson Tile & Brick Co., Jackson, Minn.
Jackson & Tindle, lbr., Buffalo, N. Y.
Jackson, W. C., architect, Northern B. & T. Bldg., Seattle, Wash.
Jackson, W., & Co., adv. novelties & specialties, 39 S. La Salle, Chicago, Ill.
Jackson, Walter H., architect, 500 5th av., New York.
Jackson, Willard F., architect, Brockton, Mass.
Jackson, Wm. E., architect, 1003 Spruce, Philadelphia, Pa.
Jackson, Wm. H., Co., galvano-bronze wks., fire-places & mantels, 2 W 47th, New York.
Jackson's Mantel & Grate Wks., fire-place furnishings mfrs., 2 W. 33d, New York.
Jackson's, Sam'l, Sons, ry. signal torpedoes, 1129 S. 15th, Philadelphia, Pa.
Jacksonville Brick Co., Jacksonville, Fla.
Jacksonville Concrete Co., Jacksonville, Fla.
Jacksonville Cotton Oil Co., fertz. mfrs., Jacksonville, Tex.
Jacksonville Fertilizer Co., Jacksonville, Fla.
Jacksonville Fdy. Co., Jacksonville, Ill.
Jacksonville Packing Co., meat packers, Jacksonville, Ill.
Jacob Bros., scrap brass & iron, babbit metal, etc., Bridgeport, Conn.
Jacob Bros. Co., pianos, 539 W. 39th, New York.
Jacob, Chas. W., & Allison, wax, powdered licorice, grass matting, ultramarine blues, 18 Cedar, New York.
Jacob, Robt., motor boat, launch & yacht bldrs., City Island, N. Y.
Jacob, Robt., Engine & Mach. Co., 211 Chouteau av, St. Louis, Mo.
Jacob & Youngs, contractors, 116 W. 32d, New York.
Jacobberger & Smith, architects, Board of Trade, Portland, Ore.
Jacobi, Alex., cornices, Saginaw, Mich.
Jacobi, Jac. L., architect, 1311 Chestnut, Milwaukee, Wis.
Jacobi, N., Hardware Co., Wilmington, N. C.
Jacobowitz, Chas. S., brewers' supps., 1208 West av, Buffalo, N. Y.
Jacobs, Alfred Henry, architect, 110 Sutter, San Francisco, Cal.
Jacobs, Arthur, architect, 128 N. La Salle, Chicago, Ill.
Jacobs, Barney, contractor, Ashland, Wis.
Jacobs Bros., machsts. & fndrs., Avoca, Ia.
Jacobs Bros., contrs., Wilkes-Barre, Pa.
Jacobs Bros. Co., counter & platform scales & slicing machs., 539 W. 39th, New York.
Jacobs Bros. Mfg. Co., mattresses, Champaign, Ill.
Jacobs, C. B., elec. & gas light fixtures, 5241 W. Chicago, av, Chicago, Ill.
Jacobs, Chas., & Co., heaters, purifiers & separators, 258 Franklin, Boston, Mass.
Jacobs, Chas. J., Co., contractors, 107 Terrace, Boston, Mass.
Jacobs, Chas. N., architect, 3630 Minnesota av, St. Louis, Mo.
Jacobs, Constr. Co., 356 S. Spring, Los Angeles, Cal.
Jacobs, David H., & Son, contractors, 166 Devonshire, Boston, Mass.
Jacobs, E. H., Mfg. Co., mill & facty. supplies & loom pickers, Danielson, Conn.
Jacobs, E. P., Mfg. Co., stone mfgrs., Bridgeport, Ala.
Jacobs, Edgar A., cornices & skylights, Port Angeles, Wash.
Jacobs, Elmer F., architect, Morgantown, W. Va.
Jacobs, F. M., mill & facty. supplies, Columbus, Miss.
Jacobs, Geo. M., architect, 6 Beacon, Boston, Mass.
Jacobs, Geo. P., & Co., plumbers', mill & facty. supplies, jobbers, 276 S. 9th, Brooklyn, N. Y.
Jacobs, H. M., architect, 1504 E. 35th, Kansas City, Mo.
Jacobs, Harry A., architect, 320 5th av, New York.
Jacobs-Hutchinson Hardware Co., Fairmont, W. Va.
Jacobs, Jacob J., contractor, Toledo, Ohio.
Jacobs, Julius, masons' & bldrs.' matls., 276 W. McMicken av, Cincinnati, Ohio.
Jacobs, Kenneth W., Co., barrel heaters, 1901 St. Paul, Milwaukee, Wis.
Jacobs, L. W., miter boxes, West Willington, Conn.
Jacobs Mfg. Co. (The), drill chuck mfrs., 894 Park, Hartford, Conn. *See adv index at end of book.*
Jacobs, S. R., machy. dlrs., Atlanta, Ga.
Jacobs, S., & Sons, green house bldrs. & materials, 1365 Flushing av, Brooklyn, N. Y.
Jacobs, W. S., architect, Puyallup, Wash.
Jacobs & Wait, mattresses, Champaign, Ill.
Jacobsen Constr. Co., McKay Bldg., Portland, Ore.
Jacobsen-Jenson Co., contrs., Portland, Ore.
Jacobsen, W. H., heating contractors, Belleville, N. J.
Jacobson, A. C., & Sons, lbr. mfrs., 81 Bridge, Brooklyn, N. Y.
Jacobson, Anton, contractor, Racine, Wis.
Jacobson Bros., contractors, Duluth, Minn.
Jacobson Bros., auto. windshields, 254 Central, Newark, N. J.
Jacobson Gas Engine Co., oil engine, Saratoga Springs, N. Y.
Jacobson, I. M., & Sons Co., ingots, metals, etc., 70 Catherine, Detroit, Mich.
Jacobson, John, contractor, Marshalltown, Ia.
Jacobson, O. B., brick, Kimballton, Ia.
Jacobson-Peterson-Peltz & Kaufer Co., corn brooms, South Bend, Ind.
Jacobson, R. A., contractor, 699 17th av, N. E., Minneapolis, Minn.
Jacobson, Silas, architect, Cap. Bk. Bldg., St. Paul, Minn.
Jacobus, A. G., Sons, tex. machy. brushes (mill), Verona, N. J.
Jacobus, Wm. H., wholesale hdwe., 79 Walker, New York.
Jacoby Art Glass Co., 2700 St. Vincent, St. Louis, Mo.
Jacoby, J. H., & Co., trunk mfrs., Burlington, Ia.
Jacoby & Son, contrs., Helena, Mont.
Jacoby & Son Co., marble interior work, 2025 Market, Philadelphia, Pa.
Jacoby & Weishambel, architects, Allentown, Pa.
Jacot, A. H., music boxes, 29 John, New York.
Jacques, Jno., & Son, machsts., Worcester, Mass.
Jacques, Urgel, architect, 311 Main, Worcester, Mass.
Jaeck, Hector C., battery chemicals, 215 Russell, Brooklyn, N. Y.
Jaeck, Louis, Co., dyestuffs & mill soaps, 257 Front, New York.
Jaeger Automatic Machine Co., 2238 N. 9th, Philadelphia, Pa.
Jaeger, Fred'k, architect, 441 E. Tremont av, New York.
Jaeger, H. J., Co., lamps, 280 Park av, Weehawken, N. J.
Jaeger Machine Co., concrete mixers, 490 Dublin av, Columbus, Ohio.
Jaehnig Gas Fixture Co., 221 13th av, Newark, N. J.
Jaekle, W. L., architect, U. B. Bldg., Dayton, Ohio.
Jaenecke Printing Ink Co., printg. ink & dry colors, Wright & Av B, Newark, N. J.
Jaeschke Bros. Fndy. Co., 3026 Locust, Milwaukee, Wis.
Jaeshn, Frank, Constr. Co., Huron, S. D.
Jager, Chas. J., Co., mill & facty. supplies, 15 Custom House, Boston, Mass.
Jagger Brick Co., Minneapolis, Minn.
Jahant Fndry. & Heating Co., Akron, O.
Jahn, Rudolph B., architect, Sheboygan, Wis.
Jahn, Wm. R., archl. iron, 3239 Germantown av, Phila., Pa.
Jahncke, Fritz, masons' & bldrs.' matls., 814 Howard, New Orleans, La.
Jahncke Navigation Co., 814 Howard av, New Orleans, La.
Jahncke Shipbldg. Co., Madisonville, La.
Jahnke Welding & Mfg. Co., 111 Main, San Francisco, Cal.
Jahn's, Robt., Sons, cornices, Scotch Plains, N. J.
Jaicks, A., Co., contrs., Amer. Bank Bldg., Kansas City, Mo.
Jaite Co., paper & pulp mills, Boston, Ohio.
Jakes Fdry. Co., Nashville, Tenn.

Jakin Brick Co., Jakin, Ga.
Jakobson & Peterson, ship bldrs., ft. of 24th, Brooklyn, N. Y.
Jakoby, Anton, cornices, 3122 Kensington, Philadelphia, Pa.
Jakway-Motor Cone Vacuum Cleaning Mfg. Co., 135 Wood av, Syracuse, N. Y.
Jallade, Louis E., architect, 37 Liberty, New York.
Jamaica Dyewood & Chemical Co., 50 Church, New York.
Jambor Mfg. Co., eng'nrs' specialties, 911 Center, Milwaukee, Wis.
James & Abbott Co., lumber, 155 Milk, Boston, Mass.
James, Alfred, machsts. & fndrs., La Crosse, Wis.
James, B. L., Mercantile & Mfg. Co., Denver, Colo.
James Bros., cornices & htg. contr., West Chester, Pa.
James, D. B., architect, Campton, N. H.
James, D. O., Mfg. Co., machsts. & fndrs., 1120 W. Monroe, Chicago, Ill.
James, E. B., Lumber Co., 20 Central, Boston, Mass.
James, E. L., fertilizer mfrs., Warrenville, Conn.
James Fertilizer Co., James, Ala.
James, Fred J., architect, Tampa, Fla.
James, Geo. A., Co., assayers, 28 Belden pl, San Francisco, Cal.
James & Graham Wagon Co., Memphis, Tenn.
James Granite Co., Hardwick, Vt.
James, Harry H., architect, Crary Bldg., Seattle, Wash.
James, Henry, & Son, tallow, 15 Exchange, Boston, Mass.
James & Holmstrom, pianos, 23 E. 14th, New York.
James, J. T., canned goods, Roanoke, Va.
James, John E., contractor, Wilkes-Barre, Pa.
James Lbr. Co., 921 Aliceanna, Baltimore, Md., & Franklin, Pa.
James Mfg. Co., cattle stanchions, pens, barn equipments, Fort Atkinson, Wis.
James Mfg. Co., closet seats, etc., Canton, O.
James Mfg. Co., hose couplings, rubber heels, flexible fabric tubing, Cleveland, Ohio.
James Mfg. Co., wood alcohol, charcoal, Kane, Pa.
James Ore Concentrator Co., 35 Runyon, Newark, N. J.
James River Brick Co., Norfolk, Va.
James River Furniture & Mattress Co., mattress mfrs., Richmond, Va
James, S. H., architect, Gary, Ind.
James & Schow Co., harness mfrs., Fort Worth, Texas.
James Supply Co., plumbers, mill & facty. supplies & wholesale hdwe., Chattanooga, Tenn.
James, Thos. M., architect, 185 Devonshire, Boston & Sherborn, Mass.
James W. J., ties, Franklin, Pa.
Jameson, Rabinovitch & Jameson, scrap rubber, 1510 Newberry av, Chicago, Ill.
Jamestown Boiler Wks., Jamestown, N. Y.
Jamestown Cabinet Co., Jamestown, N. Y.
Jamestown Canning Co., Jamestown, Ind.
Jamestown Car Parts Mfg. Co., radiators, Jamestown, N. Y.
Jamestown Construction Co., masons' & bldrs.' matls., Jamestown, N. Y.
Jamestown Curtain Rod Co., towel racks, Jamestown, N. Y.
Jamestown Gas Stove Corp., Corry, Pa.
Jamestown H'dwe Co., who. h'dwe, Jamestown, N. J.
Jamestown Iron Wks. Co., machsts. & fndrs., Jamestown, N. Y.
Jamestown Mantel Co., Falconer, N. Y.
Jamestown Milling Co., flour, Jamestown, Ark.
Jamestown Paint & Varnish Co., Jamestown, Pa.
Jamestown Panel Co., Jamestown, N. Y.
Jamestown Shale Paving Brick Co., Jamestown, N. Y.
Jamestown Spring Bed Co., Jamestown, N. Y.
Jamestown Window Screen Co., Jamestown, N. Y.
Jamestown Wood Finishing Co., paints & stains, Jamestown, N. Y.
Jamestown Worsted Mills, woolen flannels, Jamestown, N. Y.
Jamieson & Bond Co., masons' & bldrs.' matrls., Bond av, Oceanus, N. Y.
Jamieson, Jas. P., architect, Security Bldg., St. Louis, Mo.,
Jamieson, M. W., & Co., machsts. & fndrs., Warren, Pa.
Jamieson Mach. Co., St. Joseph, Mo.
Jamieson's, D., Sons, towels, Trenton & Sergeant, Phila., Pa.
Jamison Coal & Coke Co., Oliver Bldg., Pittsburgh, Pa.
Jamison Cold Storage Door Co., Hagerstown, Md.
Jamison & Hallowell, contractors, Montgomery, Ala.
Jamison, I. M., fndrs., Swales, Pa.
Jamison Mill Co., lumber, Everett, Wash.
Jamison & Morris, contractors, Greenville, S. C.
Jamison Rail Bond & Electrical Supply Co., Jenkins Arcade, Pittsburgh, Pa.
Jamison Spring & Mattress Co., Nashville, Tenn.
Jamison, T. H., natural gas burners, Claysville, Pa.
Jamison, W. L., contractor, 42 W. Town, Columbus, Ohio.
Janes, Elisha Harris, architect, 414 Madison av, New York.
Janes, Franklin Hawley, architect, 154 Nassau, New York.
Janes & Kirtland, hot air furnaces, 133 W. 44th, New York.
Janes & Leo, architects, 124 W. 45th, New York.
Janesville Barb Wire Co., Janesville, Wis.
Janesville Batting Mills, cottin batting, Janesville, Wis.
Janesville Brick Works, Janesville, Wis.
Janesville Carriage Works, Janesville, Wis.
Janesville Cement Co., cement shingle machinery, Janesville, Wis.
Janesville Contracting Co., Janesville, Wis.
Janesville Machine Co., agricultural implements, Janesville, Wis.
Janesville Products Co., spark plugs, children's vehicles, etc., Janesville, Wis.
Janesville Sand & Gravel Co., Janesville, Wis.
Janette Mfg. Co., circuit breakers, air compressors, etc., 617 W. Jackson blvd., Chicago, Ill.
Janeway Button Co., New Brunswick, N. J.
Janeway & Carpenter, wall paper mfrs., New Brunswick, N. J.
Jangblut, Aug., Co., pool tables, 833 Filmore, San Francisco, Cal.
Janisch, John L., contractor, 530 Ravenswood av, Chicago, Ill.
Janney Aircraft Co., aeroplanes, Monroe, Mich.
Janney & Co., machsts. & fndrs., Montgomery, Ala.
Janney, Jos. W., lumber, Pier 52, North Wharves, Phila., Pa.
Janney-Semple, Hill & Co., wholesale hdwe., mill & facty. supplies, 1st av, S., & 2d, Minneapolis, Minn.
Janney, Steinmetz & Co., indicators, etc., 1421 Chestnut, Philadelphia, Pa.
Janowitz, A. F., architect, 746 Euclid av, Cleveland, Ohio.
Jansen, Ed., rattan & reed furniture, 110 W. 18th, New York.
Jansen, F. W., Clock Co., elec. alarm clocks, 217 W. Randolph, Chicago, Ill.
Jansen, J. A., architect, Eustis & Como, Minneapolis, Minn.
Jansen & Joosten, organs, Flanagan, Ill.
Jansen-Petersen Co., machsts., Cleveland, Ohio.
Jansen, T. E., cornices, Kenosha, Wis.
Jansen, Wm. C., architect, 813 Prospct, Cleveland, Ohio.
Janson Iron Works, Oakland, Cal.
Janson & Schaefer, contrs., common brick, Pekin, Ill.
Janson Steel & Iron Co., iron bar mill, Columbia, Pa.
Janssen & Abbott, architects, Century Bldg., Pittsburgh, Pa.
Janssen, Bernard H., archl. iron, 135 Huron, Brooklyn, N. Y.
Janssen, Ernest C., architect, Chemical Bldg., St. Louis, Mo.
Janssen, H., pianos, 82 Brown pl, New York.
Janssen, J. B., fndr., Woonsocket, S. D.
Janssen, Otto, architect, 765 Pyrites, Los Angeles, Cal.
Janssen, Wm. H., contractor, Galveston, Tex.
Jante, N. S., machsts. & fndrs., Nashville, Tenn.
Janton, A. & J., coffins, etc., 1410 11th, Philadelphia, Pa.
Janton, Geo., & Sons Co., soap, 272 W. Mound, Columbus, Ohio.
Jantz & Leist Electric Co., dynamos for isolated electric light & power plants, Cincinnati, Ohio. *See adv. index at end of book.*
January & Wood Co., cordage & twine, Maysville, Ky.
Janusch Mfg. Co., colonial candlesticks, machsts. & fndrs., 496 E. 134th, New York.
Janvier, Walter, soap, 417 Canal, New York.
Japanese Tissue Mills, Holyoke, Mass.
Japes, Frank, Co., sash, door & blind, 8th & Plum, Detroit, Mich.
Japs, Frank A., machst., Redwood Falls, Minn.
Jaquith Machy. Bureau, Inc., designers & bldrs. of spec. machy., 100 Purchase, Boston, Mass.
Jarboe, E. R., Canning Co., Mechanicsville, Md.
Jarden Brick Co., Land Title Bldg., Philadelphia, Pa.
Jarden, C. J., architect, 1780 81st, Brooklyn, N. Y.
Jarden Lithographing Co., label mfrs., 310 N. 11th Phila., Pa.
Jardine & Anderson, contractors, Fargo, N. D.
Jardine, Hill & Murdock, architects, 50 E. 42d, New York.
Jardine, Matheson & Co., tallow & oils, 63 Wall, New York.
Jardine, Walter S., & Sons Co., fireplace furnishings mfrs., 155 Forest, Arlington Heights, Mass.
Jarecki Chemical Co., Sandusky, Ohio.
Jarecki Mfg. Co., brass & malleable iron, Erie, Pa.
Jarl,, C. O., contractor, Great Falls, Mont.
Jarratt, J. S., & Co., lumber, Savannah, Ga.
Jarrell, B. C., & Co., sash, door & blind, Humboldt, Tenn.
Jarrell Bros., flour mills, Standardsville, Va.
Jarrell, R., & Son, canned goods, Marydel, Md.
Jarrell, R., & Sons, canned goods, Goldsboro, Md.
Jarrell, W. G., Machine Co., Charlotte, N. C.
Jarrett, Chas. L., architect, North Wales, Pa.
Jarrett Construction Co., Springfield, Mo.
Jarrett, F. H., stone producers, Bethayres, Pa.
Jarrett-Richardson Paving Co., Springfield, Mo.
Jarvis, Charles L., Co., drilling, tapping attachments, hdwe, spec., Gildersleeve, Conn.
Jarvis Engine & Mach. Wks., machsts. & fndrs., Lansing, Mich.
Jarvis Engineering Co., refrigeration, 261 Franklin, Boston, Mass.
Jarvis & Jarvis, bed castors, Southbridge, Mass.
Jarvis, Jos. T., models & patterns, 73 Haverhill, Boston, Mass.
Jarvis Paper Mills, West Claremont, N. H.
Jarvis, T. P., Mach. Wks., refrigerating machs., 275 Connecticut, San Francisco, Cal.
Jarvis, W. B., Co., sporting goods mfrs., Grand Rapids, Mich.
Jasper, Chas., contractor, Hyde Bldg., Spokane, Wash.
Jasper Desk Co., Jasper, Ind.
Jasper Lumber Co., Newton, Ia.
Jasper Machine Works, machsts. & fndrs., Jasper, Ind.
Jasper Oil & Fertilizer Co., Jasper, Ala.
Jasper Veneer Mills, Jasper, Ind.
Jasperson Supply Co., plumbers, Mill & facty. supplies, jobbers, St. Marys, Ohio.
Jastrum, Fred'k., machsts., Freeport, Ill.
Jaxon Co., machsts., 1010 Jackson, Toledo, Ohio.
Jay Printing Ink Co., 250 Plymouth, Brooklyn, N. Y.
Jayn, W. T., flour mills, Gate City, Va.
J. C. H. Galvanizing Co., 1110 N. Front, Philadelphia, Pa.
Jean, Augustine, sash, door & blind, Nadeau, Mich.

Jean, C. W., Co., copying baths, 116 Nassau, New York.
Jeandron, W. J., carbon brushes, 172 Fulton, New York.
Jeanerette Lumber & Shingle Co., Ltd., Jeanerette, La.
Jeanesville Iron Wks. Co., machsts. & fndrs., Hazleton, Pa.
Jeannette Glass Co., glass bottles, Jeannette, Pa.
Jeannette Mach. Co., Jeannette, Pa.
Jeannette Window Glass Co., Point Marion, Pa.
Jefferies, W. P., Co., advtg. nov., 117-21 Winston, Los Angeles, Cal.
Jefferis, Joshua C., architect, 1001 Chestnut, Philadelphia, Pa.
Jefferis, P. E., contractor, West Chester, Pa.
Jefferis, Richard W., Co., bins lockers (metallic), Camden, N. J.
Jefferis, W. W., cornices & skylights, Wilmington, Ohio.
Jeffers, F. K., lumber, Custer, Wash.
Jeffers, J. Allen, contractor, Schenectady, N. Y.
Jeffers, J. H., architect, Mason City, Ia.
Jeffers, Lewis, contractor, Schenectady, N. Y.
Jeffers, Wm., cornices & skylights, 77 Joy, Boston, Mass.
Jefferson Brass Fdry., monel metal castings, 209 King, Brooklyn, N. Y.
Jefferson Brick & Tile Mfg. Co., Jefferson, Wis.
Jefferson, Christ D., die sinkers, 25 N. 7th, Philadelphia, Pa.
Jefferson Construction Co., Q. & C. Bldg., New Orleans, La.
Jefferson Distilling & Denaturing Co., cologne spirits, Harvey, La.
Jefferson, E. D. & Son, kiers, 53 State, Boston, Mass.
Jefferson, Edw., & Bro., textile machy., supplies, etc., 123 S. 2d, Philadelphia, Pa.
Jefferson Elec. Mfg. Co., 847 W. Harrison, Chicago, Ill.
Jefferson Fertilizer Co., Birmingham, Ala., & Jefferson, S. C.
Jefferson Fdry. & Mach. Shops, Jefferson, Texas.
Jefferson Glass Co., arc lamp globes, table, etc., 5 S. Wabash av, Chicago, Ill., and Follansbee, W. Va.
Jefferson Iron Co., Oak Hill, Ohio.
Jefferson Iron Wks. Co., machsts., Detroit, Mich.
Jefferson Mach. Wks., 2005 Oxford, Philadelphia, Pa.
Jefferson Plumber & Mill Supply Co., Birmingham, Ala.
Jefferson Powder Co., Birmingham, Ala.
Jefferson & Thomas, architects, McNeece Bldg., San Diego, Cal.
Jefferson Union Co., unions, flanges, pipe fittings & specialties, etc., Lexington, Mass.
Jeffersonville Canning Co., Jeffersonville, Ind.
Jeffersonville Mfg. Co., kitchen cabinets, Jeffersonville, Ind.
Jeffery-Dewitt Co., lavatory apparatus, Butler av & Grand Trunk Ry., Detroit, Mich.
Jeffery, E. R., architect, 210 W 7th, Los Angeles, Cal.
Jeffery, H. J., architect, Union Bldg., Cleveland, Ohio.
Jeffrey, A. L., sashes, doors & blinds, Marengo, Ohio.
Jeffrey, Dan'l, & Sons, tubular boilers, Jeanerette, La.
Jeffrey, H. T., Jr., architect, Butler Bldg., Brooklyn, N. Y.
Jeffrey, Henry T., Jr., architect, Butler Bldg., Richmond Hill, N. Y.
Jeffrey Hydro Mfg. Co., vacuum cleaners, 824 Columbus Bldg., Cleveland, Ohio.
Jeffrey, John, Co., contractors, 127 N. Dearborn, Chicago, Ill.
Jeffrey Louis, Mfg. Co., catalog envelopes, 78th & Brunswick av, Philadelphia, Pa.
Jeffrey Mfg. Co., conveying, mining, pulverizing, etc., machinery, 961 N. Fourth, Columbus, Ohio.
See adv. index at end of book.
Jeffrey, W. A., & Sons, contractors, Ottawa, Ill.
Jeffreys-Spaulding Mfg. Co., box shooks, Chase City, Va.
Jeffries, A. H., architect, Estherville, Ia.
Jeffries, Wm., machinist, Thibodaux, La.
Jelin, Abraham, contrs., New Brunswick, N. J.
Jelke, John F., Co., canned goods, 759 S. Washtenaw av, Chicago, Ill.
Jelks, W. A., & Co., fertilizer, Hawkinsville, Ga.
Jelley's, J. C., Sons, fertilizer, Mitchell, Ga.
Jellico Foundry Co., Jellico, Texas.
Jellico Hardware Co., Jellico, Tenn.
Jelliff, C. O., Mfg. Co., agricultural implements & wire goods mfrs., Southport, Conn.
Jelliff, Geo. H., & Son, sieves, New Canaan, Conn.
Jeltes, Stuck, & Son, sash, door & blind mfrs., Grand Rapids, Mich.
J-E-M Shade Holder Co., 221 W. 33d, New York.
Jemison, J. B., & Co., lumber, Thomasville, Ga.
Jenckes Knitting Mach Co., Pawtucket, R. I.
Jenckes Spinning Co., tire fabrics, Pawtucket, R. I.
Jencks, E., Mfg. Co., machsts., Worcester, Mass.
Jencks Paper Box Co., 45 Waldo, Providence, R. I.
Jenison, L. & L., Co., flour mills, Jenison, Mich.
Jenkins, A. C., architect, Albany, Ore.
Jenkins Auto Specialty Co., Sumter, S. C.
Jenkins, Branscombe & Romberg, architects, Grand Junction, Colo.
Jenkins Brick Co., Montgomery, Ala.
Jenkins Bros., mill & facty. supplies, 133 N. 7th, Phila, Pa.
Jenkins Bros., valves, traps, washers, gauges, injectors, 80 White, New York.
Jenkins, C. C., masons' & bldrs.' matls., Willoughby, Ohio.
Jenkins, Charles B., architect, Newkirk, Okla.
Jenkins, D. C., Glass Co., Kokomo, Ind.
Jenkins, Daniel, contractor, Streator, Ill.
Jenkins, Geo. O., Co., leather boards & paper & pulp mills, Whitman, Mass.
Jenkins, Geo. R., & Co., lubricating oils & greases, 608 S. Dearborn, Chicago, Ill.
Jenkins Hay Rake & Stacker Co., Chillicothe, Mo.
Jenkins, J. E., flour, Central City, Neb.
Jenkins, J. W., lumber, Macon, Ga.
Jenkins, Jas. H., granite, Quincy, Mass.
Jenkins, John W., stone producers, Springfield, Ohio.
Jenkins, L. Chastine, contractor, Richmond, Va.
Jenkins Lumber Co., Birmingham, Ala.
Jenkins-McKay Hdwe. Co., Central City, Colo.
Jenkins Machine Co., woodworking machy., Sheboygan, Wis.
Jenkins Mfg. Co., machs. & Fdrs., Bloomfield, N. J.
Jenkins Mfg. Co., sewage ejectors, plugs, etc., 20 Vesey, New York
Jenkins Paint & Oil Co., paint manufrs., Norfolk, Va.
Jenkins-Phipps Co., rattan & reed wks., Wakefield, Mass.
Jenkins Rubber Co., Elizabeth, N. J., & 80 White, New York.
Jenkins, Thos., & Co., stone producers, Memphis, Tenn.
Jenkins, U. R., masons' & bldrs.' matls., Wrightsville, Ga.
Jenkins, W. M., Machine Works, 18th & Treat av, San Francisco, Cal.
Jenkins, W. S., & Sons, machsts., Portland, Mich.
Jenkins & Wells, contractors, Sacramento, Cal.
Jenkinson, John, brass fndr., Pawtucket, R. I.
Jenkinson, R. C., & Co., hdwe. mfrs., 293 Washington, Newark, N. J.
Jenks, A. Murray, architect, Mt. Vernon, N. Y.
Jenks, Edw. B., dock bldrs., 143 Liberty, New York.
Jenks, Geo. A., contr., Berkeley, Cal.
Jenks, H. F., Co., tapping & threading mach., drinking & sanitary fountain, etc., Pawtucket, R. I.
Jenks Lantern Co., 208 N. 5th av, Chicago, Ill.
Jenks & Muir Mfg. Co., brass & iron bedsteads and mattresses, 1441 Hastings, Detroit, Mich.
Jenks & Plume, contractors, Mount Vernon, N. Y.
Jenks & Son, machsts. & fndrs., Prairie City, Ia.
Jenks, W. H., machsts. & fndrs., Brookville, Pa.
Jenne Acetylene Gas Machine Co., Traction Terminal Bldg., Indianapolis, Ind.
Jenne, Geo., cornices & skylights, Yazoo City, Miss.
Jennens, W. H., composition & plastic ornaments, archl. decorators, etc., 1811 Baltimore av, Kansas City, Mo.
Jenner, John H., machsts. & fndrs., Leavenworth, Ind.
Jenness, C. A., lbr., Rye Beach, N. H.
Jenness Bros., l'br., Farmington, N. H.
Jennet Bridge & Iron Works, steel bridge bldrs., 3541 Shields av, Chicago, Ill.
Jennett Bros. Co., fertilizer mfrs., Elizabeth City, N. C.
Jennings, Arthur B., architect, 63 Park row, New York.
Jennings Bros. Mfg. Co., machsts. nut crackers, etc., Bridgeport, Conn.
Jennings, C. E., & Co., hdwe. mfrs. 71 Murray, New York.
Jennings Cypress Tank Co., Shreveport, La.
Jennings, E. M., machsts., Webster, N. Y.
Jennings Graphite Co., Lineville, Ala.
Jennings & Griffin, machsts. & fndrs., Meriden, Conn.
Jennings & Griffin Mfg. Co., machsts., Port Jervis, N. Y.
Jennings & John, ornamental architectural iron, 83 Manhattan, New York.
Jennings, Martin, & Bros., contractors, 902 E. Triggs av, Memphis, Tenn.
Jennings Pump Dredge Co., centrifugal pumps with adjustable liners, 305 N. Michigan av, Chicago, Ill. (Going to move.)
Jennings, R. J., Yarn Clearing Machine Co., Elmira, N. Y.
Jennings & Ross Co., contractors, B'way & Chicago, Milwaukee, Wis.
Jennings-Russell Mfg. Co., machsts. & fndrs., augers & mach. bits, Chester, Conn.
Jennings, S. P., & Sons, wood handles, New Castle, Ind.
Jennings Silver Co., Irvington, N. J.
Jennings, W. G., & Son, brick, Greensboro, N. C.
Jennings & Welstead Corp., contractors, 237 E. 41st, New York.
Jennison Co., engineers & contrs. for supplying & installing power, heating & ventilating equipt., Fitchburg, Mass.
Jennison Hardware Co., mill & facty. supplies, 901 N. Water, Bay City, Mich.
Jennison, O. M., lbr., Peacham, Vt.
Jennison, W. J., Co., flour, 922 Flour Exch., Minneapolis, Minn.
Jennison-Wright Co., flooring blocks, wood, Toledo, Ohio.
Jennrich, Anton, architect, 1023 Davis, Milwaukee, Wis.
Jenny, Alex S., architect, 491 Boyton, Boston, Mass.
Jensen Bros. Co., contractors, Council Bluffs, Iowa.
Jensen, C. E., cornces, 3331 W. North av, Chicago, Ill.
Jensen Construction Co., Fort Dodge, Ia.
Jensen Creamery Machinery Co., 68 Hunters Point av, Long Island City, N. Y.
Jensen, Elmer C., architect, New York Life Bldg., Chicago, Ill.
Jensen, Emil, contractor, Kenosha, Wis.
Jensen, G. P. W., contractor, 320 Market, San Francisco, Cal.
Jensen, J. C., & Co., contractors, 7022 St. Lawrence av, Chicago, Ill.
Jensen, J. Chris., architect, Council Bluffs, Ia.
Jensen, Jens K., architect, Perth Amboy, N. J.
Jensen-King-Byrd Co., mill & facty. supplies, whol. hdwe., Spokane, Wash.
Jensen, O. C., machst., 1922 Park av, New York.
Jensen & Krage, contractors, Sioux City, Ia.

Jensen, P. C., mach. & fndr., Central City, Neb.
Jensen & Steenhill, contractors, 105 S. Dearborn, Chicago, Ill.
Jensen's Facty. Store, closet tanks & seats, Evansville, Ind.
Jenson, Louis, contractor, Lincoln, Neb.
Jenson Trunk Facty., 815 Wyandotte, Kansas City, Mo.
Jeppener, Paul, molds, models & experimental wks., 114 Center, New York.
Jerald, S. E., Sulky Co., carriages, Waterloo, Ia.
Jeremiah Woodring Co., whol. hdwe., Hazelton, Pa.
Jergens, Andrew, Co., hand soap, 599 Broadway, New York.
Jergens, Andsen, Co., soap mfrs., Spring Grove av, Cincinnati, O
Jerguson Gauge & Valve Co., mfrs. water gauges & valves for steam, gas & water, 358 Atlantic av, Boston, Mass.
Jerns, Nicholas, lumber, Bellingham, Wash.
Jerome, Edgar, contractor, Rockville, Ind.
Jerome-Edwards Metallic Packing Co., 80 E. Jackson blvd., Chicago, Ill.
Jerome, Hy., carriage rims, Worcester, Mass.
Jerome Paper Co., toilet paper, 314 W. 53d, New York.
Jersemann, Max, jewelry cases, 105 Maiden la, New York.
Jersey, Albert, canned goods, Belcamp, Md.
Jersey Button Wks., 134 W. 26th, New York.
Jersey City Galvanizing Co., pipe straps, iron & steel roofing & ventilator mfrs., 74 Morgan, New York.
Jersey City Machine Co., shell tools, chucks, mandrels, multiple parts, turret lathe work, etc., 113 Plymouth, Jersey City, N. J. *See adv. index at end of book.*
Jersey City Supply Co., plumbers', mill & facty. supplies—jobbers, 12 Mercer, Jersey City, N. J.
Jersey Oil Mill Co., Jersey, Ga.
Jerslid Knitting Co., sweaters, cardigans, etc., Neenah, Wis.
Jervis Foundry & Machine Co., Decatur, Ala.
Jervis Lbr. Co., Decatur, Ala.
Jeschke Mfg. Co., machinist & founder, agric'l implments, Bellevue, Ohio.
Jeske, Gust. J., & Son., bldg. contr., 1089 Richards, Milwaukee, Wis.
Jeske, R., & Bro. Co., cornices, metal doors, 119 Reservoir av, Milwaukee, Wis.
Jesnig, C., scientific instruments, 714 Sansom, Philadelphia, Pa.
Jesperson, C. M., contractor, Omaha, Neb.
Jess & Sturdy, carriages, Springfield, Mo.
Jesse, August, machinist, Stillwater, Minn.
Jesseman Granite Co., North Haverhill, N. H.
Jesson, Jno. B., machsts., 424 Vine, Philadelphia, Pa.
Jessop Steel Co., iron rolling mills, Washington, Pa.
Jessop, Wm., & Sons, Inc., steel, 91 John, New York. *See adv index at end of book.*
Jessup & Moore Paper Co., Commercial Trust Bldg., Phila., Pa.
Jessup, Stephen C., Pattern Wks., Salem, Ohio.
Jester-Cooper Co., telegraph app., Houston, Tex.
Jeter, A. H., & Co., cornices & skylights, 91 Webster av, Long Island City, N. Y.
Jett, Muths, Constr. Co., Inc., Mobile, Ala.
Jetter & Co., machsts., 861 Jefferson, Buffalo, N. Y.
Jewel Cut Glass Co., 200 5th av, New York.
Jewel Elec. Co., 112 N. 5th av, Chicago, Ill.
Jewel Mfg. Co., metal polish, wall paper cleaners, etc., 2863 W. 22d, Chicago, Ill.
Jewel Supply & Equipment Co., mill & facty. supplies, whol. hdwe., 34 S. Calvert, Baltimore, Md.
Jewel Vacuum Cleaner Co., 226 N. Jefferson, Chicago, Ill.
Jewelers' Circular, trade publication, 11 John, New York.
Jewelers' Technical Advice Co., jewelers' & refiners' platinum melting outfits, 14 John, New York.
Jewell Belting Co., Hartford, Conn.
Jewell & Co., plain envelopes, 1302 Filbert, Philadelphia, Pa.
Jewell Electric Co., electrical controller mfrs., Munsey Bldg., Baltimore, Md.
Jewell Electrical Instrument Co., ammeters & voltmeters, 810 West Lake, Chicago, Ill.
Jewell Engng. Co., water filters, 53 W. Jackson blvd, Chicago, Ill.
Jewell & Jewell, contractors, Prov. Bk. Bldg., Cincinnati, Ohio.
Jewell-Loudermilk Co., Gainesville, Ga.
Jewell Mfg. Co., heat regulators, etc., Auburn, N. Y.
Jewell Steel & Malleable Co., Buffalo, N. Y.
Jewell Supply & Equipment Co., contractors' tools & supplies, dealers, 34 S. Calvert, Baltimore, Md.
Jewell, Umbrecht, architect, Press Bldg., Binghamton, N. Y.
Jewell Water Improvement Co., 9 S. Clinton, Chicago, Ill.
Jewett, A. B., architect, Durant, Okla.
Jewett Car Co., Newark, Ohio.
Jewett & Co., stove mfrs., Buffalo, N. Y.
Jewett Cornice & Roofing Co., San Antonio, Texas.
Jewett, E. C., granite, Whitefield, Me.
Jewett, G. S., & F. E., canned goods, Norridgewock, Me.
Jewett, Geo. H., Co., auto. wood bodies, Worcester, Mass.
Jewett, Grace, architect, 939 Jones, San Francisco Cal.
Jewett Lumber Co., Des Moines, Ia.
Jewett Piano Co., Leominster, Mass.
Jewett Refrigerator Co., Buffalo, N. Y.
Jewett & Sowers Oil Co., 20 W. Jackson blvd, Chicago, Ill.
Jewett Stamping & Enameling Co., Jewett, Ohio.
Jewett Typewriter Co., Des Moines, Ia.
Jewettville Brick Co., Builders' Exchange, Buffalo, N. Y.
Jewkes, Jos., & Sons, contractors, 676 Montgomery, Jersey City, N. J.
Jex Lumber Co., Spanish Fork, Utah.
Jeysen, Geo. L., & Son, contrs., West Newton, Mass.
J. H. M. Constr. Co., 54 Maiden la, New York.
Jidas, J. D., Bros. & Co., soap powders, 906 W. North av, Chicago, Ill.
Jiffy Fire Hose Rack Co., hose nipples, reels & drain boxes, 727 7th av, New York.
Jiffy Jack Mfg. Co., 1104 Prospect av, Cleveland, Ohio.
Jiffy Water Heater Co., 1000-02 N. Vandeventer av, St. Louis, Mo.
Jiles, Jas., Co., masons' & bldrs.' matls., Stayton, Pittsburgh, Pa.
Joannes, Francis Y., architect, 52 Vanderbilt av, New York.
Job, Fred'k, watchmakers' & jewelers' tools, Wilkes-Barre, Pa.
Jobbers' Mfg. Co., belt dressing, 327 S. La Salle, Chicago, Ill.
Jobbins, Wm. F., chemicals, Aurora, Ill.
Jobes, Emmor W., machsts., Minerva, Ohio.
Jobes Milling Co., flour, St. Johns, Oreg.
Jobson, C. Frank, architect, Pullman Bldg., Chicago, Ill.
Jobson-Gifford Co., steel struct. wk., 30 E. 42d, New York.
Jobst, B. J., contractor, Paxton Bldg., Omaha, Neb.
Jobst, Jacob J., contr., Peoria, Ill.
Jobst, V., & Sons, contrs., Peoria, Ill.
Jobst, Valentine, architect, 511 N. Madison, Peoria, Ill.
Jochim, J. W., Hardware Co. (Ltd.), cornices & skylights, Ishpeming, Mich.
Joerns Bros. Mfg. Co., sewing cabinets, 2362 University av, St. Paul, Minn.
Joesting & Schilling Co., hotel supplies, 379 Sibley, St. Paul, Minn.
Jogerst, Jos. J., architect, Kresge Bldg., Detroit, Mich.
Johannes, H. J., Pickling Co., canned goods, Clintonville, Wis.
Johannesburg Mfg. Co., lumber, Johannesburg, Mich.
Johannesen Mfg. Co., bank fixtures, Erie, Pa.
Johanning, Chas., cornices, Richmond, Ind.
Johannsen, H. S., marine engines, 50 Church, New York.
Johannsen, Henry H., architect, Orangeburg, S. C.
Johansen, A. B., Mill Co. (Ltd.), machsts., Honolulu, Hawaii.
Johanson, A., & Co., arch. iron, 529 Dorchester av, Boston, Mass.
John, J. T., Co., fertilizer, Johns, N. C.
John, R. H., Jr., trunks, Galveston, Tex.
John Mfg. Co., paper cups, Springfield, Ohio.
Johnetta Fndry. & Mach. Co., Marianna, Pa.
Johns Bros. Milling Co., flour, Henshaw, Ky.
Johns & Brown Co., sash, door & blind mfrs., Aurora, Ill.
Johns Engineering Co., models, dies, tools, etc., Power bldg., Superior viaduct, Cleveland, Ohio. *See adv. index at end of book.*
Johns, H. W.-Manville, Co., asbestos, insulation, etc., Madison av & 41st, New York.
John's Hanger Mfg. Co., hdwe. mfrs., 709 Harrison, San Francisco, Cal.
Johns Hopkins Univ. Dept. of Engng., engng. schools & coll., Baltimore, Md.
Johns Mach. & Stamping Wks. Co., 1715 Leonard, Cleveland, Ohio.
Johns-Pratt Co., fuse insulators & packing mfrs., Hartford, Conn
Johns, Reuben C., contr., Wilkes-Barre, Pa.
Johns, S. P., & Sons, masons' & bldrs.' matls., Sedalia, Mo.
John's Stamping & Machine Works Co. (The), Columbus rd, Cleveland, Ohio.
Johnson, A. A., cornices, Altoona, Pa.
Johnson, A. E., pipe repair clamps, 211 N. Exchange, Providence, R. I.
Johnson, A. H., architect, Tampa, Fla.
Johnson, A., & Sons, brick, Mediapolis, Ia.
Johnson, A V., & Co., contractors, 1123 B'way, New York.
Johnson, A. W., flour mills, Dolphin & Gate City, Va.
Johnson, A. W. V., chemicals, disinfectants, oxygen apparatus, etc., Merchants Exchange Bldg., San Francisco, Cal.
Johnson Acetylene Gas Co., Crawfordsville, Ind.
Johnson, Albert, & Co., bank fix., E. Boston, Mass.
Johnson, Alfred, & Son, contractors, Boston, Mass.
Johnson, Algot, contractor, Burlington, Ia.
Johnson-Anderson Co., contractors, Commercial Bldg., Portland, Ore.
Johnson, Arland W., architect, 507 5th av, New York.
Johnson, Arthur, & Co., badges & buttons, 45 John, New York.
Johnson, August N., machsts. & fdrs., Manistee, Mich.
Johnson Automatic Sealer Co. (Ltd.), machsts., Battle Creek, Mich.
Johnson, B. J., Soap Co., 42 4th, Milwaukee, Wis.
Johnson, B., & Son, contractors, Richmond, Ind.
Johnson & Bassett, textile machy., Worcester, Mass.
Johnson & Baum, contrs., Superior, Wis.
Johnson Belt'g Co., mfrs., 342 E. 38th, New York.
Johnson & Berntson, sash, door & blind mfrs., Corona, N. Y.
Johnson & Briggs, ties, poles & posts, Mutual Bldg., Richmond, Va.
Johnson Bronze Co., pulley bushings, New Castle, Pa.
Johnson Bros., cornices & skylights, 4 Industry, Pittsburgh, Pa.
Johnson Bros. Co., mill & facty. supplis, who. hdwe., Bath, Me.
Johnson Bros. Motor Co., machsts., Terre Haute, Ind.

Johnson & Brown, contrs., Centralia, Wash.
Johnson & Burns, architects, 26 State, Hartford, Conn.
Johnson, C. A., & Co., cloth folding machs., 55 Pine, Providence, R. I.
Johnson, C. H., sashes, doors & blinds, Burton, O.
Johnson, C. I., Mfg. Co., machsts., 48 E. 3d, St. Paul, Minn.
Johnson, C. J., contractor, Railway Exch. Bldg., Seattle, Wash.
Johnson, C. O., stone, Salt Lake City, Utah.
Johnson, C., Upholstering Co., Youngstown, Ohio.
Johnson, C. W., shoes, Natick, Mass.
Johnson-Carey Co., contractors, Metropolitan Bldg., St. Paul, Minn.
Johnson, Carl P., architect, 30 E. 42d, New York.
Johnson & Carlson, wood tanks, 848 Eastman, Chicago, Ill.
Johnson-Carlson Cut Glass Co., 30 E. Randolph, Chicago, Ill.
Johnson Carlyle Machine Co., friction & gas engine clutches, marine gears, etc., Manchester, Conn.
Johnson Carriage Co., shaft ends, 53 Baltimore, Detroit, Mich.
Johnson, Chas. E., & Co., color mfrs., 509 S. 10th, Phila., Pa.
Johnson, Chas. H., shoe counters, Lynn, Mass.
Johnson, Chas. H., Co., cornices, Jacksonville, Fla.
Johnson, Chas. Hdwe. Co., Peoria, Ill.
Johnson, Chas. O., contractor, 240 10th av, 240 10th av, New York.
Johnson, Chas., & Son, arch'l iron, 320 W. Grand, Chicago, Ill.
Johnson, Chris., & Son, contractors, Oshkosh, Wis.
Johnson City Boiler & Tank Co., Johnson City, Tenn.
Johnson City Fdry. & Mach. Co., Johnson City, Tenn.
Johnson Coin Counting Mach. Co., 237 Lafayette, New York.
Johnson & Co., htg. contrs., 1477 Flatbush av, B'klyn, N. Y.
Johnson & Co., buckwheat flour, Franklin, Pa.
Johnson Compound & Supply Co., Rochester, N. Y.
Johnson Constr. Co., 38 S. Dearborn, Chicago, Ill.
Johnson Constr. Co., Fargo, N. D.
Johnson & Crowley, printers' machinists, 182 Centre, New York.
Johnson, D. E., Co., stencils, steel stamps, etc., 140 William, New York.
Johnson-Danforth Co., carriages, Omaha, Neb.
Johnson & De Lano, contrs., 3231 Harrison, Kansas City, Mo.
Johnson & Dryden, canned goods, Pocomoke City, Md.
Johnson, E. E., pump sockets; well screens, etc., St. Paul, Minn.
Johnson, E. F., machsts, Kalkaska, Mich.
Johnson, E. G., Co., contractors, Portland, Me.
Johnson, E. P. Piano Co., Ottawa, Ill.
Johnson, E. P., Rule Mfg. Co., 565 Wash. Blvd., Chicago, Ill.
Johnson, E. S., & Co., bldg. contrs., Mt. Bldg., St. Paul, Minn.
Johnson Educator Food Co., 40 Broad, Boston, Mass.
Johnson Elec. Washer Co., clothes washing machines, 2074 market, San Francisco, Cal.
Johnson, Elmer C., whol. & retail plate glass, Evansville, Ind.
Johnson Engng. Wks., 38 S. Dearborn, Chicago, Ill.
Johnson Excelsior & Mfg. Co., Indianapolis, Ind.
Johnson, Ezra, Novelty Co., advtg. nov., Newnan, Ga.
Johnson, F., & Co., contractors, 1943 N. Cal. av, Chicago, Ill.
Johnson, F. E., architect, Superior, Wis.
Johnson, F. S., Co., harness saddle & strap mfrs., 576 Howard, San Francisco, Cal.
Johnson Fare Box Co., 236 S. Robey, Chicago, Ill.
Johnson & Field Mfg. Co., agric. implement mfrs., cleaners, separators, etc., Racine, Wis.
Johnson, Folger, Esq., architect, 693 Marshall, Portland, Ore.
Johnson-Fortnum mchsts. & fndrs., Berlin, Wis.
Johnson Foundry & Machine Shops, Madison, Ind.
Johnson Fdry. & Mach. Wks., Los Angeles, Cal.
Johnson, Frank, bldg. contr., Duluth, Minn.
Johnson, Frank A., brick, Minneapolis, Minn.
Johnson, Frank H., steel & iron mercht., 208 South La Salle, Chicago, Ill.
Johnson, Frank L., & Co., contractors, Duluth, Minn.
Johnson, Fred, architect, 46 Prospect av, Flushing, N. Y.
Johnson, Fred R., contractor, 179 Kenilworth, Detroit, Mich.
Johnson, G. A., & Son, contractors, 1335 N. Clark, Chicago, Ill.
Johnson Gas Appliance Co., Cedar Rapids, Ia.
Johnson Gear Co., 735 Folsom, San Francisco, Cal.
Johnson, Geo. H., architect, Citizens Bldg., Cleveland, Ohio.
Johnson, Geo. T., & Co., scrap iron & steel, Widener Bldg., Philadelphia, Pa.
Johnson, Geo. T. Co., toilet paper, 76 Batterymarch, Boston, Mass.
Johnson, Geo. W., Limestone Co., New Castle, Pa.
Johnson, Geo. W. Mfg. Co., doors—elevator, fireproof, etc., 209 W. 17th, St. Louis, Mo., and Kansas City, Mo.
Johnson, Grafton, canned goods, Greenwood, Ind.
Johnson Granite Co., Lithonia, Ga. & Montpelier, Vt.
Johnson-Greenleaf Lumber Co., Norfolk, Va.
Johnson, Greenleaf & Son, lumber mfrs., Marine Bk. Bldg., Baltimore, Md.
Johnson & Gustafson, granite, Barre, Vt.
Johnson, H., architect, Farrell, Pa.
Johnson, H., Co., mill & factory supplies, ft. Gates av, Jersey City, N. J.
Johnson, H. F., & Sons, cornices, Kingston, Pa.
Johnson, H. H., panel board cabinets, 277 Minna, San Francisco, Cal.
Johnson, H. S., sashes, doors & blinds, 18th av, N. E., & Marshall, Minneapolis, Minn.
Johnson, H. S., Co., meat packers, Pawtucket, R. I.
Johnson Hardware Co., Lafayette, Ind.
Johnson Hardware & Implement Co., Greenville, Ala.
Johnson Heat Regulating Co., 106 N. 10th, St. Louis, Mo.
Johnson, Henry, Co., mill & factory supplies, ft. Gates av, Jersey City, N. J.
Johnson, Henry Hall, architect, Great Falls, Mont.
Johnson, Henry Hall, & Co., architects, Henry Bldg., Seattle, Wash.
Johnson & Hibbard, auto. wood bodies, trucks, etc., Westfield, Mass.
Johnson & Holloway, architects, State Life Bldg., Indianapolis, Ind.
Johnson, I. H., Jr., Co., Inc., spec. machy., 337 N. 15th, Phila., Pa.
Johnson, I. M., Co., architects, 3245 22d av, S., Minneapolis, Minn.
Johnson Ice Co., masons & bldrs.' matls., Jamestown, N. Y.
Johnson Iron Works, Ltd., Morgan & Sequin, New Orleans, La.
Johnson, Isaacs G., & Co., malleable iron & steel castings, railway track drills, Spuyten Duyvil, New York.
Johnson, Israel H., Jr., Co., machsts., 337 N. 15th, Phila., Pa.
Johnson, J. A., cornices, Middletown, Ohio.
Johnson, J. A., & Co., contractors, 115 S. 6th, Minneapolis, Minn.
Johnson, J. D., Co., machsts. & fndrs., Hainesport, N. J.
Johnson, J. F., contractor, Denton, Tex.
Johnson, J. G., Co., masons' & bldrs.' mtls., Manitowoc, Wis.
Johnson, J. H., architect, Sumter, S. C.
Johnson, J. Henry, architect, 95 State, Albany, N. Y.
Johnson, J. R., & Co., car axles, Richmond, Va.
Johnson, J. T., mill & facty. supplies, who. hdwre., Kingston, N. Y.
Johnson, J. T., & Co., architects, State Life Bldg., Indiana, Ind.
Johnson & Jenning Co., spec. machy., Cleveland, Ohio.
Johnson, Joel, contractor, 110 Jessie, San Francisco, Cal.
Johnson, John, lumber, Monroe, Wash.
Johnson, John, Co., pumps, mixers, filter presses, etc., 37th & 2nd av, Brooklyn, N. Y.
Johnson, Jno., Co., tarpaulins, wagon covers, etc., Detroit, Mich.
Johnson, John, Constr. Co., 765 Abbott rd, Buffalo, N. Y.
Johnson, John H., contractor, 133 W. Washington, Chicago, Ill.
Johnson, Jno. L., sash, door & blind mfr., 4250 Lincoln av, Chicago, Ill.
Johnson, John S., & Son, agricultural implements, Waukon, Ia.
Johnson, John W., granite, Burlington, Vt.
Johnson & Johnson, auto. tops, 422 E. Saratoga, Baltimore, Md.
Johnson & Johnson, medical plasters, etc., New Brunswick, N. J.
Johnson & Johnson Constr. Co., McKnight Bldg., Minneapolis, Minn.
Johnson, Jos. B., mach. dealer, Tampa, Fla.
Johnson, Kirk, & Co., pianos, Lebanon, Pa.
Johnson Knitting Mach. Co., St. Johnsville, N. Y.
Johnson, L. H., contractor, 968 Laurel av, Minneapolis, Minn.
Johnson, L. S., Co., lumber, 414 Albany, Boston, Mass.
Johnson, L. W., machy dealer, Lake City, Fla.
Johnson & Larson, contractors, Sioux City, Ia.
Johnson, Lawrence, & Co., crude rubber, 209 S. 3d, Phila., Pa.
Johnson Lthr. Co., decorative art lthrs., 43 W. 16th, New York.
Johnson, Lindley, architect, Harrison Bldg., Philadelphia, Pa.
Johnson, Louis, lumber, Bayou Chicot, La.
Johnson, Louis, Bldg. Co., contrs., Yonkers, N. Y.
Johnson Lumber Co., Erie, Pa.
Johnson Lumber Co., 1st Nat'l Bk. Bldg., Milwaukee, Wis.
Johnson Lumber Co., masons & bldrs.' matls., Kewanee, Ill.
Johnson, M. B., lumber, Graham, Ga.
Johnson, M. H., Jr., architect, Brazil, Ind.
Johnson, M. L., & Sons, sashes, doors & blinds, 1311 Yale av, S. E., Minneapolis, Minn.
Johnson, M. M., Co., cornices & skylights; incubators & brooders, Colton, Cal. & Clay Centre, Neb.
Johnson Mach. & Tool Co., sensitive drills, Gouverneur, N. Y.
Johnson-Mandeville Co., mill & facty. supplies, 496 Broad, Newark, N. J.
Johnson Mfg. Co., asparagus bunchers, 103 N. Front, Philadelphia, Pa.
Johnson & Mayer, architects, Oregon Bldg., Portland, Ore.
Johnson, Meier, fndr., 155 Wendell, Chicago, Ill.
Johnson & Miller, architects, 105 S. 7th, Terre Haute, Ind.
Johnson & Miller, test indicators, 42 Murray, New York.
Johnson-Morehouse & Dickey Co., mill & facty. supplies, 106 Market, Ptg., Pa.
Johnson & Morris, steam & hot water heating contractors, 538 W. 23d, New York.
Johnson-Morse Can Co., tin can mfrs., 480 Eoff, Wheeling W. Va.
Johnson, Nestor, Mfg. Co., ice skates, 1237 N. Cal. av, Chicago, Ill.
Johnson, O., cornices, 1002 W. Randolph, Chicago, Ill.
Johnson, O. A., & Sons, die stocks, 6522 S. Winchester av, Chicago, Ill.
Johnson, O. C., architect, Butler, Pa.
Johnson, O. D., Stamping Wks., Batavia, N. Y.
Johnson, Ole, Sons, Co., machsts., Milwaukee, Wis.
Johnson, Oliver & Co., plate glass, paint, 24 Custom House, Providence, R. I.
Johnson, Oscar, architect, 3410 Sheffield av, Chicago, Ill.
Johnson, Otto, bldg. contr., Duluth, Minn.
Johnson, P., childrens' cradles, 856 W. Erie, Chicago, Ill.

Johnson, P. P., & Son, contractors, Henderson, Ky.
Johnson, Paul S., can filling machs., 1906 E. 93d, Cleveland, O.
Johnson, Peter, tubular boilers, Thief River Falls, Minn.
Johnson, Peter B., contrs., Racine, Wis.
Johnson, Peter, & Sons, mill & facty. supplies, Decorah, Ia.
Johnson, Philip H., architect, Land Title Bldg., Phila., Pa.
Johnson, R., Yarn & Cordage Mills, Madison, Ind.
Johnson, Reginald D., architect, Pasadena, Cal.
Johnson, Richard H., Co., contractors, Wayne, Pa.
Johnson & Ritz, masons & bldrs.' matls., Napoleon, Ohio.
Johnson, Robt., Inc., contractor, 204 E. 58th, New York.
Johnson, Robt. W., architect, Corona, N. Y.
Johnson, S. C., & Son, auto. & floor polish, carbon & varnish removers, etc., Racine, Wis.
Johnson, S. N., masons' & bldrs.' matls., Laredo, Tex.
Johnson, S. T., Co., machsts., 1334 Mission, San Francisco, Cal.
Johnson, S. S., archit., People's Bank Bldg., Lynchburg, Va..
Johnson, S. W., masons & bldrs.' matls., Watertown, N. Y.
Johnson Service Co., heat regulating appliances, 153 Michigan, Milwaukee, Wis.
Johnson & Saw, contrs., Anaconda, Mont.
Johnson, Sharp, & Co., scrap iron & steel, Commercial Trust Bldg., Philadelphia, Pa.
Johnson, Sherrane, Co., contractors, 103 Park av, New York.
Johnson Shipyards Corp., Mariners Harbor, L. I., N. Y.
Johnson, T. C., & Sons, shoe counters, Lynn, Mass.
Johnson, T., Co., barrel leveling machs., 108 S. La Salle, Chicago, Ill.
Johnson, Thos., architect, Bemidji, Minn.
Johnson, Thos. (Est. of), tex. machy. (hosiery bands & labels), Lawrence & Clearfield, Philadelphia, Pa.
Johnson, Thos. H., contractor, Sedalia, Mo.
Johnson, Thos. J., & Co., sash, door & blind, 896 Washington, Boston, Mass.
Johnson, Thos. W., Co., contrs., Lowell, Mass.
Johnson & Tomek Co., carved mouldings, 1037 S. Leavitt, Chicago, Ill.
Johnson, V. C., machinist, Kasson, Minn.
Johnson, V. E., janitors' supplies, Tacoma, Wash.
Johnson-Van Vlaanderen Mach. Co., Paterson, N. J.
Johnson, W. A., & Bros., cornices & skylights, Key West, Fla.
Johnson, W. E., common brick, Augusta, Wis.
Johnson, W. H., & Son Co., radiator shields, 330 St. Joseph, Indianapolis, Ind.
Johnson, W. J., cornices, Wilmington, Del.
Johnson, W. Templeton, architect, Timken Bldg., San Diego, Cal.
Johnson, W. V., Fndry., machsts. & fndrs., St. Paul, Minn.
Johnson-Washburn Co., steam fitters, mill & facty. supplies, 91 Haverhill, Boston, Mass.
Johnson & Wells Machine Co., Neenah, Wis.
Johnson-Wentworth Lumber Co., Cloquet, Minn.
Johnson, Wm. (Hedenberg Works), plumbers' & tinners' tools, etc., mfrs., Newark, N. J.
Johnson, Wm. C., Sons Mach. Co., St. Louis, Mo.
Johnson, Wm., & Co., masons & bldrs.' matls., Charleston, S. C.
Johnson, Wm. J., machsts. & fdrs., Mayville, Mich.
Johnson, Wm. L., architect, 45 Bromfield, Boston, Mass.
Johnson, Wm. R., duck decoys, Seattle, Wash.
Johnson & Williams, turpentine, Richland, Fla.
Johnson & Wimsatt, lbr., 1212 Water, S. W., Washington, D. C.
Johnson-Woodbridge Co., plate glass, Indianapolis, Ind.
Johnson Wrecking Frog Co., car replacers, Cleveland, Ohio.
Johnson, Z. T., htg. contrs., 3 India sq, Boston, Mass.
Johnsonburg Mach. Co., Johnsenburg, Pa.
Johnson's Iver Arms & Cycle Wks., revolvers, sporting & athletic gds., etc., Fitchburg, Mass.
Johnson's, Jos., Sons, contractors, West New Brighton, N. Y.
Johnston A., Jr., & Co., contrs., 111 W. Monroe, Chicago, Ill.
Johnston Brokerage Co., window glass, 1st Nat. Bk. Bldg., Pittsburgh, Pa.
Johnston Bros., steel plate wk., Ferrysburg, Mich.
Johnston Bros., Clay Works, brick, Clay Works, Iowa.
Johnston & Chapman Co., perforated metals, screen plates, 2925 Carroll av, Chicago, Ill.
Johnston, Clarence H., architect, Capital Bk. Bldg., St. Paul, Minn.
Johnston & Co., cable & cotton cords, 35 Worth, New York.
Johnston, Frederick G., machsts., 74 State, Detroit, Mich.
Johnston, Geo., cornices, Fulton, N. Y.
Johnston Glass Co., Hartford City, Ind.
Johnston, Guy, Contr. Co., Toronto, Ohio.
Johnston, H. M., Lumber Co., Baraboo, Wis.
Johnston & Hamilton, machsts. & fdrs., Morgan City, La.
Johnston Htg. Co., steam & hot water htg. contrs., 131 E. 26th, New York.
Johnston-Hicks Mill Co., flour, Altamont, Ill.
Johnston, J. D., contractor, Newport, R. I.
Johnston, J. F., lumber, Norcross, Ga.
Johnston & Jennings Co., hammered steel forgings, cranes, oil engines, electric hoists, large nuts, rolling mill machinery, shafting, weldless rings, etc., Addison rd, N. Y. C. R. R., Cleveland, Ohio. *See adv index at end of book.*
Johnston, John, & Co., tin plate, etc., 311 W. Lake, Chicago, Ill.
Johnston Mfg. Co., oilers & torches, Urbana, Ohio.
Johnston-Morehouse-Dickey Co., brattice cloth, 106 Market St., Pittsburgh, Pa.
Johnston Optical Co., Detroit, Mich.
Johnston, P. M., Co., contractors, St. Elmo, Ill.
Johnston Planing Mill Co., masons & bldrs.' matls., Johnstown, Pa.
Johnston, R. F., Paint Co., Pearl & Main, Cincinnati, Ohio.
Johnston, R. W., Studios, archl. photographers, 241 5th av, Pittsburgh, Pa.
Johnston, Robt., measuring tapes, Wilkes-Barre, Pa.
Johnston, Robt. C., & Co., steam traps, 620 Lodge, Cincinnati, O.
Johnston & Sharp Mfg. Co., machsts. & fdrs., Ottumwa, Ia.
Johnston-Slocum Co., machsts., Caro, Mich.
Johnston & Son, paper & pulp mills, Port Leyden, N. Y.
Johnston, Thos. H., stencils, Harrisburg, Pa.
Johnston Tin Foil & Metal Co., 6020 S. B'way, St. Louis, Mo.
Johnston, Wm. G., Co., loose leaf devices, 429 Wood, Pittsburgh, Pa.
Johnston, Wm. T., Co., mill & facty. supplies, machry. dlrs., 3d & Vine, Cincinnati, O.
Johnstone Auto Lock Co., Cleveland, Ohio.
Johnstone, J. T., & Co., crude rubber imps., 22 William, New York.
Johnstone, Percy T., architect, 30 N. Michigan av, Chicago, Ill.
Johnstone, Wm. O., architect, No. Tonawanda, N. Y.
Johnstown Clay Products Co., common brick, Johnstown, Pa.
Johnstown Rubber Co., pneumatic tires, Johnstown, Pa.
Johnstown Supply House, mill & facty. supplies, Johnstown, Pa.
Johnstown Tribune Publishing Co., pads, Johnstown, Pa.
Joiner, G. J., flour, Camilla, Ga.
Jointless Refrigerator Mfg. Co., Milwaukee, Wis.
Joliet Bridge & Iron Co., 122 S. Mich. av, Chicago, Ill.
Joliet Flux Co., stone prod., Joliet, Ill.
Joliet Forge Co., auto. crankshafts, Joliet, Ill.
Joliet Fndry. Co., Joliet, Ill.
Joliet Mfg. Co., agricultural implement mfrs., Joliet, Ill.
Joliet Oil Tractor Co., gasoline & kerosene traction engines, Joliet, Ill.
Joliet Quarries Co., stone prod., Joliet, Ill.
Joliet Railway Supply Co., brake beams, center plates & side bearings, 4052 Princeton av, Chicago, Ill.
Joliet Sand & Gravel Co., 343 S. Dearborn, Chicago, Ill.
Joliet Sash & Door Co., Joliet, Ill.
Joliet Wall Paper Mills, Joliet, Ill.
Joliet Wrought Washer Co., Joliet, Ill.
Joll, Harry Dustin, architect, 50 Bromfield, Boston, Mass.
Jolley, J. H., & Co., tin plate, metals, etc., 42 N. 5th, Phila., Pa.
Jolly, J. & W., machsts. & fdrs., Holyoke, Mass.
Jolly, Weiland & Richardson Co., cornices & skylights, Olney, Ill.
Jomieson Ninian, Inc., contrs., Yonkers, N. Y.
Jonah & George, machsts. & fdrs., Merrimac, Mass.
Jonas, Chas. S., & Bros., perforating machs., 125 Worth, New York.
Jonason, S. W., & Co., contrs., Aberdeen, S. D.
Jones, A. H., Co., silver novelties, Meriden, Conn.
Jones, A. S., granite, Barre, Vt.
Jones, A., Sons, masons & bldrs.' matls., Catlin, Ill.
Jones, A. T. & H. H., turpentine, Sale City, Ga.
Jones, Aaron, brick, Burkettsville, Ohio.
Jones, Arthur D., contractors, 76 Kinston, Boston, Mass.
Jones & Auerbacher, mill & facty. supp., 26 Mechanic, Newark, N. J.
Jones Automatic Measuring Pump Co., Shelbyville, Ind.
Jones, B. E., Mfg. Co., broom & wood handles, Alba, Mich.
Jones, B. F., flour mills, Crozet, Va.
Jones, B. M., & Co., Inc., staybolt iron—tool, steel imp., 141 Milk, Boston, Mass.
Jones, Ball, Co., Arlington Heights, Mass.
Jones-Beers Co., contractors, Binghamton, N. Y.
Jones, Ben B., contractor, Newark, Ohio.
Jones of Binghamton, scales, Binghamton, N. Y.
Jones, Brainerd, architect, Petaluma, Cal.
Jones Bros., contractors, Hazlewood, Ohio.
Jones Bros., masons & bldrs.' matls., Milford, Ill.
Jones Bros. & Co., cornices & skylights, Memphis, Tenn.
Jones Bros. Co., granite producers, 10 High, Boston, Mass.
Jones Bros. & Parker, lumber mfrs., Bath, N. Y.
Jones & Bubb, architects, Riggs Bldg., Washington, D. C.
Jones Buggy Co., Madisonville, Ky.
Jones, C. T., architect, James Bldg., Chattanooga, Tenn.
Jones, C. T., machst. & fdr., Columbia, Ala.
Jones, C. T. & W. A., carriages, London, Ohio.
Jones Car Door Co., Monadnock Bldg., Chicago, Ill.
Jones, Chas. D., machst., Leroy, Ill.
Jones, Chas. Dorrance, soap, 429 Locust, Philadelphia, Pa.
Jones, Chas. G., architect, 280 Broadway, New York.
Jones, Chas. H., machinist, Zanesville, Ohio.
Jones, Chas. R., architect, Georgetown, Del.
Jones, Coates & Bailey, packing box mfrs., 1014 Hooker, Chicago, Ill.
Jones & Co., masons & bldrs.' matls., Norfolk, Va.
Jones & Co., auto. wood bodies, Syracuse, N. Y.
Jones Construction Co., 1748 W. Madison, Chicago, Ill.
Jones, D. M., Co., mill & facty. supplies, who. hdwe., Elizabeth City, N. C.
Jones, D., & Son, soap, Newport, R. I.
Jones, David, organs, Jersey City, N. J.
Jones Decorative Glass Co., Concord, c. Hudson av, B'klyn, N. Y.
Jones & Dillingham, paint, Spokane, Wash.
Jones, E., lumber mfrs., Globe, Ore.

Jones, E. D., & Sons Co., machsts. & fdrs., Pittsfield, Mass.
Jones, E. G., Iron Works, Rock Hill, S. C.
Jones, E. J., & Co., sash, door & blind mfrs., 406 W. Spring, Columbus, Ohio.
Jones, E. L., & Co., machsts. & fdrs., Dover, Del.
Jones, E. T., canned goods, Pittsville, Md.
Jones, Ed., & Co., badges & buttons, Oakland, Cal.
Jones, Edw. J., Lumber Co., Morris, Minn.
Jones, Eli, & Sons, nippers & parers, Luverne, Minn.
Jones, Enos F., Chemical Co., 51 Jay, New York.
Jones, Evan, Jr., architect, Wichita Falls, Tex.
Jones-Everett Machine Co., Ardmore, Okla.
Jones, F. O., & Co., cornices, Springfield, Ohio.
Jones, Faulk & Sons, roofing slate mfrs., Slate Hill, Pa.
Jones Fertilizer Co., Louisville, Ky.
Jones Fndry. Co., Meadville, Pa.
Jones & Francis, slate for elec'l purposes, Fair Haven, Vt.
Jones, Frank L., cheese factory & dairy supplies, Utica, N. Y.
Jones, Fred A., Constr. Co., Dallas, Tex.
Jones, Fred D., machst. & fdr., Port Townsend, Wash.
Jones, Fred'k W., architect, Lake Forest, Ill.
Jones & Furbinger, architect, Porter Bldg., Memphis, Tenn.
Jones, G. W. Lbr. Co., Appleton, Wis.
Jones Gauge Co., Boston, Mass.
Jones, Geo. E., architect, 9 Clinton, Newark, N. J.
Jones, Geo. P., & Co., oils, 218 N. Com., St. Louis, Mo.
Jones, Geo. W., brick, Arba, N. [illegible].
Jones & Green, sash, door & blind, Big Rapids, Mich.
Jones, H. C., Co., cottonades, Conshohocken, Pa.
Jones, H. Chas., architect, Grand Theatre blk., Columbus, Ohio.
Jones, H. H., Belt Fasteners, Lancaster, N. H.
Jones, H. N., Constr. Co., San Antonio, Tex.
Jones, H. O., architect, Greenville, S. C.
Jones Hardware Co., Lima, Ohio, Richmond, Ind., & Shamokin, Pa.
Jones Hardware Co., 10 High, Boston, Mass.
Jones & Hardy, mill & facty. supplies, Hudson, N. Y.
Jones, Harlan, architect, Galion, Ohio.
Jones, Harry W., architect, Lumber Exchange Bldg., Minneapolis, Minn.
Jones & Hartley, stone producers, 829 S. 17th av, Minneapolis, Minn.
Jones, Harvey A., architect, Georgitso Bldg., Utica, N. Y.
Jones Hollow Ware Co., Forrest & Madison, Baltimore, Md.
Jones & Hopkins Mfg. Co., machsts. & fdrs., Nashville, Tenn.
Jones & Hotchkiss Co., steam fitters' supplies, Norwalk, Conn.
Jones, Howard E., architect, B'way Central Bldg., Los Angeles, Cal.
Jones, I. G., Co., mill & factory supplies, Syracuse, N. Y.
Jones, I. Howland, architect, 50 Congress, Boston, Mass.
Jones, I. W., architect, Milton, N. H.
Jones Iron Wks., machsts., Buffalo, N. Y.
Jones, J. A., architect, Dispatch Annex, Columbus, Ohio.
Jones, J. A., contractor, Charlotte, N. C.
Jones, J. A. & O. L., Mill & Elevator Co., flour, Nashville, Tenn.
Jones, J. B., lumber mfrs., Broward, Fla.
Jones, J. B. & Co., scrap iron & steel, r. r. equipments, 712 Lacock, Pittsburgh, Pa.
Jones, J. C. Co., who. hdwe., Newark, Ohio.
Jones, J. E., machinist, Richmond, Ind.
Jones, J. E., & Son, spike pullers, Centerville, Ia.
Jones, J. F., Sons, handles (wood), Columbus Grove, Ohio.
Jones, J. H., flour mills, Petercreek, Ky.
Jones, J. H., lumber, Temperanceville, Va.
Jones, J. H., & Son, common brick, Metcalf, Ill.
Jones, J. O., flour mills, Crump, Va.
Jones, J. W., machst. & fdr., Watsontown, Pa.
Jones, Jas., Co., machinists, Los Angeles, Cal.
Jones, Jas. E., lumber, Maple Rapids, Mich.
Jones, James H. S., show case mfrs., 39 William, Bridgeport, Conn.
Jones, Jno. C. Fremont, packing mfrs., Braddock, Pa.
Jones, John P., bldg. contr., 386 Kenilworth pl, Milwaukee, Wis.
Jones, John S., lumber mfrs., Porter Corners, N. Y.
Jones, John T., Sons, canning machy., 734 E. Lombard, Baltimore, Md.
Jones, John W., contractor, Berkley, Va.
Jones, John W., contractor, Bellaire, Ohio.
Jones, Jos. C., Sons, iron, Emporia, Kans.
Jones & Kerry Lumber Co., St. Ignace, Mich.
Jones & Kuhlke, rubber molds, Akron, Ohio.
Jones, L. B., Co., elec. light plants, Kansas City, Mo.
Jones, L. E., archl. iron, 321 N. Calvert, Baltimore, Md.
Jones & Lamb Co., meat packers, 106 South, Baltimore, Md.
Jones & Lamson Mach. Co., machsts. & fdrs., Springfield, Vt.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Jones, Leonard L., architect, 408 S. Spring, Los Angeles, Cal.
Jones Lumber Co., Portland, Ore.
Jones, M. D. Co., sun dials, iron settees, lawn sprinklers, etc., 73 Portland, Boston, Mass.
Jones Machine & Foundry Co., Chattanooga, Tenn.
Jones, Major E., Motor Co., spark plugs, Detroit, Mich.
Jones Mfg. Co., machsts. & fdrs., 243 Franklin, Boston, Mass.
Jones Motor Car Co., Wichita, Kans.
Jones Motrola Co., talking Mach. motors, 29 W. 35th, New York.
Jones Packing Co., steam, 50 Church, New York.
Jones Paint Co., Rome, N. Y.
Jones, Paul & Co., gin distillers, Louisville, Ky., & 1480 B'way, New York.
Jones, Phineas, & Co., carriage & wagon wheels, etc., 305 Market, Newark, N. J.
Jones & Pickett, turpentine, Covington, La.
Jones Positive Nut Lock Co., 2812 S. Wabash av, Chicago, Ill.
James, Post & Co., incubators, Racine, Wis.
Jones, R. A., soap, 15th & Kendall, Cincinnati, Ohio.
Jones, R. E., cold storage doors, Hagerstown, Md.
Jones, R. E., & Co., tubular boilers, Franklin, Pa.
Jones, R. H., ties, poles, Callahan, Fla.
Jones, R. T., Lumber Co., North Tonawanda, N. Y.
Jones, Richard F., contractor, Hartford, Conn.
Jones, Robt. L., Slate Mfg. Co., roofing slate mfrs., Delta, Pa.
Jones, Robt. Ross, consulting engineer, Harrisburg, Pa.
Jones & Roessle, architects, Maison Blanche Bldg., New Orleans, La.
Jones, Roy Childs, architect, McKnight Bldg., Minneapolis, Minn.
Jones, S. A., granite, St. Cloud, Minn.
Jones, S. M., Co., engines, Toledo, Ohio.
Jones Sam'l & Sons, packing box mfrs., 3207 Sp. Garden, Philadelphia, Pa.
Jones & Schumacher, machsts, gas engines, 1100 West, Wilmington, Del.
Jones & Schwarzkopf, trunk mfrs., 1322 Greenmount av, Baltimore, Md.
Jones, Sharon E., Co., hdwe. dlrs., specialties, store system & efficiency, Meridan Life Bldg., Indianapolis, Ind.
Jones Speedometer, 590 Jackson av, Brooklyn, N. Y.
Jones, Sullivan W., architect, 15 W. 38th, New York.
Jones Superior Mach. Co., 1264 W. North av, Chicago, Ill.
Jones System Heating & Ventilating Co., Phelan Bldg., San Francisco, Cal.
Jones, T. B., contractor, Fidelity Bldg., Baltimore, Md.
Jones, T. J., architect, 334 E. 3d, Portland, Ore.
Jones, T. R., Co., miners' caps & squibs, Wilkes-Barre, Pa.
Jones & Tabor, architects, Binz Bldg., Houston, Tex.
Jones, Thos. C., elec. portable, 114 E. 59th, New York.
Jones, Thos. J., stone, 1257 S. Rockwell, Chicago, Ill.
Jones, Thos. P., & Sons, contractors, Manticoke, Pa.
Jones, Thomas W., sheet metal ornaments, 153 Maiden Lane, New York.
Jones, Trevor F., & Co., metallic sash bars, 374 W. Broadway, New York.
Jones, Underwood & Fletcher, Brazil, Ind.
Jones, Virgie E., contractor, Youngstown, Ohio.
Jones, W. A., architect, Vallejo, Cal.
Jones, W. A., Foundry & Machine Co., 4401 W. North av, Chicago, Ill.
Jones, W. B., flour mills, Crossville, Ala.
Jones, W. C., masons & bldrs.' matls., Watertown, N. Y.
Jones, W. Davenport, architect, 31 Clinton, Newark, N. J.
Jones, W. E., stamp'g dies, 14 Water, Brooklyn, N. Y.
Jones, W. R. & Co., plate glass, Outlook Bldg., Columbus, Ohio.
Jones, Walter S., machst. & fdr., South Paris, Me.
Jones, Wm., instruments (Surgical & Dental), Denver, Colo.
Jones, Wm., machst., Lakeland, Fla.
Jones, Wm. A., & Son, lbr., Ft. Center, Newark, N. J.
Jones, Wm. B., Boiler Co., Streator, Ill.
Jones, Wm. C., architect, 30 N. La Salle, Chicago, Ill.
Jones, Wm. C., plain envelopes, 154 W. 18th, New York.
Jones, Wm. E., contractor, Port Huron, Mich.
Jones, Wm. H., contractor, West Chester, Pa.
Jones, Wm. H., Contracting Co., 823 Shipley, Wilmington, Del.
Jones, Wm. J., architect, Pantages Bldg., Seattle, Wash.
Jones, Wm. J., contractor, 2927 W. 5th, Philadelphia, Pa.
Jones, Wm. M., sash, doors & blinds, Asheville, N. C.
Jones, Wm. Potts, masons & bldrs.' matls., Conshohocken, Pa.
Jones, Willis H., archl. iron, settees, railings, etc., Utica, N. Y.
Jones & Winter, contractors, 53 W. Jackson blvd, Chicago, Ill.
Jonesboro Bending Co., bent wood, Jonesboro, Ark.
Jonesboro Handle Co., shovel handles—ash, Jonesboro, Ark.
Jonesboro Mach. Wks., Jonesboro, Ark.
Jonesboro Roller Mill Co. flour, Jonesboro, Ark.
Jonesboro Spoke Co., Jonesboro, Ark.
Jonesboro Yarn Mills Co., seine twine, Jonesboro, Tenn.
Jonesville Oil Mill, meal, Jonesville, S. C.
Joplin Advtg. Sign Co., Joplin, Mo.
Joplin Cornice Wks., Joplin, Mo.
Joplin Fdry Co., Joplin, Mo.
Joplin Hardware Co., Joplin, Mo.
Joplin & Meeks, contractors, 33d & Halsey, Portland, Ore.
Joplin Stove Co., Joplin, Mo.
Joplin Supply Co., mill & facty. supplies, Joplin, Mo.
Joppa Mattress Co., Little Rock, Ark.
Joralemon, Edgar E., architect, 547 Franklin, Buffalo, N. Y.
Jordan, Adolph M., sun dials, 37 E. 5th, Cincinnati, Ohio.
Jordan, B. C., lumber, Alfred, Me.
Jordan Bros., mooring buoys, Norfolk, Va.
Jordan Bros., testing clamps, 74 Beekman, New York.
Jordan Co., contractors, Columbus, Ga.
Jordan, Edw. B., & Co., telephone cabinet wk., 129 Degraw, Brooklyn, N. Y.
Jordan, Edward E., architect, Melrose, Mass.

Jordan, G. J., machsts. & fndrs., Dalton, Mass.
Jordan, Gernaah, architect, Coopersburg, Pa.
Jordan Hardware Co., Willimantic, Conn.
Jordan, J. P., & Co., sashes, doors & blinds, Memphis, Tenn.
Jordan Lumber Co., mason & bldrs.' matl., Malden, Mass.
Jordan Lumber Co., Old Town, Me.
Jordan Mfg. Co., textile, Monticello, Ga.
Jordan, Millinor, & Co., turpentine, Moseley Hall, Fla.
Jordan Motor Car Co., 1070 E. 152d, Cleveland, Ohio.
Jordan, O. F., Co., contractors, 332 S. Michigan av, Chicago, Ill.
Jordan Oil Co.. E. 28th, Los Angeles, Cal.
Jordan & Parker, lbr., Winton, N. C.
Jordan, R. C., agricultural implts., Ottawa, Ill.
Jordan, R. P., & Son, masons' & bldrs.' matls., Royston, Ga.
Jordan, Rufus K., mach. & fndrs., Westbrook, Me.
Jordan Seed & Fertilizer Co., Dublin, Va.
Jordan, W. H., & F., Jr., Inc., chemicals & oils, 92 Wall, New York.
Jordan, W. M., contractor, Greenville, S. C.
Jordan Wheelbarrow Co., Jordan, N. Y.
Jordan, Wm. E., Inc., chemicals, 11 Cliff, New York.
Jordis, John, iron works, 354 Jackson av, New York.
Jordon Co., masons' & bldrs.' matls., New Haven, Conn.
Jorgensen-Bennett Mfg. Co., packing box mfrs., Memphis, Tenn.
Jorgeson, F. C., & Co., show cases, 159 N. Ann, Chicago, Ill.
Jorss, A. F., iron, 315 13th, N. W., Washington, D. C.
Jory, Herbert G., architect, Munsey Bldg., Baltimore, Md.
Josam Mfg., floor drains, 25 So. 4th, St. Louis, Mo.
Jose-Balz Co., contractors, Lemcke Annex, Indianapolis, Ind.
Josef, E. E., Mfg. Co., machsts., Buffalo, N. Y.
Joseph, B. J., architect, New Call Bldg., San Francisco, Cal.
Joseph Iron Co., scrap iron & steel, Aurora, Ill.
Joseph, Isaac, Iron Co., scrap iron, 332 S. Michigan, Chicago, Ill., & 525 Hunt, Cincinnati, Ohio.
Joseph & Joseph, architects, Atlantic Bldg., Louisville, Ky.
Joseph, Joseph & Bro. Co., scrap iron & steel, Cincinnati, Ohio.
Josephie, Geo., Co., broom corn, 227 Water, New York.
Josephine Furnace & Coke Co., blast furnaces, Cleveland, Ohio.
Josey, N. B., Guano Co., Tarboro, N. C.
Joslin, A. D., Mfg. Co., time stamps, 223 W. Erie, Chicago, Ill.
Joslin-Lena Co., contractors, Westerly, R. I.
Joslin Mfg. Co., corset & shoe laces, 610 Manton av, Providence, R. I.
Joslin-Schmidt Co., fertilizer mfrs., chemicals, 3223 Sp. Grove av, Cincinnati, Ohio.
Joslyn Filter Co., water filters, 63 5th av, New York.
Joslyn Mfg. & Supply Co., pole line construction material, Chamber of Com. Bldg., Chicago, Ill.
Joss Bros. Co., granite, Quincy, Mass.
Josselyn, Edgar A., architect, 3 W. 29th, New York.
Josselyn & Taylor Co., architects, C. R. Sav. Bldg., Cedar Rapids, Ia.
Josts', Edmund, Sons, machsts. & fndrs., 48 Dickerson, Newark, N. J.
Joubert & Goslin Machine & Fdy. Co., Birmingham, Ala.
Joullian, E. C., Packing Co., canned goods, Lake Shore, Miss.
Jourdan, C. R., & Son, canned goods, Darlington, Md.
Journal Oil Co., lubrg., Bradford, Pa.
Joy, A. P., engrs. wrenches, Rockingham, N. H.
Joy, A. W., Co., meat packers, Bangor, Me.
Joy Bros., cornices, Johnstown, Pa.
Joy, Chas. E., architect, 113 Church, New Haven, Conn.
Joy, Chas. H., machsts., 407 Aberdeen, Chicago, Ill.
Joy, Edward, Co., htg. contrs., mill & facty. & steam fitters' supplies, Syracuse, N. Y.
Joy & Gallup, architects, Jefferson Co. Bldg., Birmingham, Ala.
Joy, Leander F., stone producers, Peabody, Mass.
Joy, S. Scott, architect, 1118 W. 35th, Chicago, Ill.
Joy, Sam'l S., jacks, wrenches, carriage & wagon, Rockingham, N. H.
Joy, Walter A., stone producers, Poughkeepsie, N. Y.
Joy, Wm. S., architect, Stevens Bldg., Detroit, Mich.
Joyce Bros. & Co., contrs., Keokuk, Ia.
Joyce-Cridland Co., hydraulic lever jacks, etc., Dayton, Ohio.
Joyce, John T., contractor, Newton, Mass.
Joyce Lumber Co., Lyons, Ia.
Joyce, W. L., Co., lumber, 534 Lbr. Exch., Minneapolis, Minn.
Joyner & Jones, turpentine, Benton, Fla.
J. R. Baker & Sons Co., machsts. & fndrs. (specialty mfrs.), Kendallville, Ind.
Jubilee Mfg. Co., machsts. & fndrs., Omaha, Neb.
Judah, E. H., & Co., paint mfrs., 2200 Santa Fe av, Los Angeles, Cal.
Judd, A. F., architect, 141 E. Federal, Youngstown, Ohio.
Judd, Burritt, contractor, South Hadley Falls, Mass.
Judd Coal Co., masons' & bldrs.' matls., Bristol, Conn.
Judd, H. L., Co., binding, hooks, poles, tassels, hdwe. mfrf., etc., 87 Chambers. New York.
Judd Laundry Mach. Co., 1221 S. Michigan av, Chicago, Ill.
Judd & Leland Mfg. Co., leather cups, pumps, etc., Clifton Springs, N. Y.
Judd Paper Co., tablets & pads, Holyoke, Mass.
Judd, R. D., hdwe. mfrs., New Britain, Conn.
Judd, Walter S., granite, Swanton, Vt.
Judd, Wm. F., masons' & bldrs.' matls., Dowagiac, Mich.
Judell, Walter W., archit., 428 Jefferson, Milwaukee, Wis.
Judelshon, Oscar I., machsts., 36 E. 8th, New York.
Judevins, A. & H., contractors, Baraboo, Wis.
Judge, Harry W., machsts., 236 Pearl, Brooklyn, N. Y.
Judkins, J. B., Co., auto. metal bodies, carriages, Merrimac, Mass.
Judlin, Peter, masons' & bldrs.' matls., 2331 N. Ramport, New Orleans, La.
Judsen, Carl A., rubber horse shoe pads, 215 W. Erie, Chicago, Ill.
Judson, C. P., & Co., mill & facty. supplies, Big Rapids, Mich.
Judson Cutlery Co., oil cloth knives, 41 Union Sq, New York.
Judson Governor Co., Rochester, N. Y.
Judson Mfg. Co., whol. hdwe., 819 Folsom, San Francisco, Cal.
Judson Pin Co., Rochester, N. Y.
Judson, W. H., architect, 1121 Washington, Oakland, Cal.
Judson & Williams, machsts. & fndrs., Holyoke, Mass.
Judy & Cook, common brick, Mackinaw, Ill.
Juelson, Edwin, architect, Williston, N. D.
Juengst, Geo., & Son, machsts., Croton Falls, N. Y.
Julian, Jas., stone producers, Madisonville, Ohio.
Julian Milling Co., flour, Julian, N. C.
Julian, V. S. & R. E., architects, 576 N. High, Columbus, Ohio.
Julian, W. A., Co., cornices & skylights, Tucson, Ariz.
Julianelle & Abramowitz, architects, 42 Church, New Haven, Conn.
Jullien, Philip M., archit., 29 S. La Salle, Chicago, Ill.
Jumbo Plaster & Cement Co., Sigurd, Utah.
Jump, G. L., canned goods, Queen Anne, Md.
Jump House Wrecking Co., 210 W. 14th, New York.
Junction City Mfg. Co., coffins, caskets, Junction City, Ga.
Junction City Sewer Pipe Co., Junction City, Ohio.
June, D., Machinery Co., Waco, Tex.
Jung Carriage Co., Sheboygan, Wis.
Jung, Fred'k., contractor, Evergreen av, Brooklyn, N. Y.
Jungelaus, W. P., Co., contractors, 827 Mass. av, Indianapolis, Ind.
Jungers Stove & Range Co., Grafton, Wis.
Juniata Furnace & Fdy. Co., Newport, Pa.
Junior Monarch Hay Press Co., San Leandro, Cal.
Junkune Bros., padlock locks, 1145 W. Garfield, Chicago, Ill.
Junod, P., & Co., fishing tackle mfrs., Celina, Ohio.
Jurack, Chas., patterns & models, cut gears, etc., 201 Oregon, Milwaukee, Wis.
Jurras Granite Co., Montpelier, Vt.
Jury, A. C., contractors, Bloomsburg, Pa.
Jury, W. U., architect, Shamokin, Pa.
Just, Geo. A., Co., contractors, 239 Vernon av, Long Island City, N. Y.
Justice, A. R., Co., metal polish, 612 Chestnut, Philadelphia, Pa.
Justice Coal & Lime Co., masons' & bldrs.' matls., Camden, N. J.
Justice, F. T., & Co., masons' & bldrs.' matls., Lexington, Ky.
Justice, J. H., flour mills, Hillsboro, Tenn.
Justice, Philip S., & Co., jacks, hammers, etc., 421 Chestnut, Philadelphia, Pa.
Justin Mill & Elevator Co., flour, Justin, Tex.
Justis & Butler Canning Co., Richmond, Va.
Justis, J. G., Co., masons' & bldrs.' matls., Newport, Del.
Justrite Mfg. Co., cans, fire extinguishers, lamps, 2061 Southport av, Chicago, Ill.
Justus Plumbing & Heating Co., Massillon, Ohio.
Juul & Sixta, architects, Manitowoc, Wis.
Juvenile Vehicle Mfg. Co., 3401 S. Hoyne av, Chicago, Ill.
Jyrch, Karl E., architect, 1916 Fulton, Chicago, Ill.

Kaaz Mfg. Co., sashes, doors & blinds, Atchison, Kans.
Kablitz-Kahn Co., scrap iron & steel, 2374 Canal rd, Cleveland, Ohio.
Kabureck, Geo., metal lockers & steel shelving, 1123 B'way, New York.
Kadel, L. J., cornices & skylights, Nashville, Tenn.
Kadow, Stanley F., architect, 988 Kinnickinnic av, Milwaukee, Wis.
Kaebin, Ludwig, contrs., Landsdale, Pa.
Kaestner, August J., carriages, 412 Cedar, Milwaukee, Wis.
Kaestner & Hecht Co., machsts., brewers' & malsters' machy., agric'l implements, etc., 500 Throop, Chicago, Ill.
Kafloff, Otto H., architect, 254 Elizabeth, E., Detroit, Mich.
Kagel Bros., fndrs., 1208 St. Paul, Milwaukee, Wis.
Kahan Mach. Wks., 12 N. Market, Chicago, Ill.
Kahan, S., archl. iron, 122 Newton, Brooklyn, N. Y.
Kahl, Fredk., machsts., 382 E. Gd. blvd., Detroit, Mich.
Kahl-Holt Co., tin plate, metals, etc., 111 S. Charles, Baltimore, Md.
Kahl Iron Foundry, gray iron castings, 537 Atwater, E. Detroit, Mich.
Kahl Pattern Wks., Detroit, Mich.
Kahle, Wm., jwlry. cases, 65 Franklin, Boston, Mass.
Kahlenberg Bros. Co., engines (gas & gasoline), Twin Rivers, Wis.
Kahler Co., automobile dashes, New Albany, Ind.
Kahn, A., masons' & bldrs.' matls., Petaluma, Cal.
Kahn, Albert, architect, 58 Lafayette blvd., Detroit, Mich.
Kahn Bros., old metal, smelters & refiners, 785 Humboldt, Brooklyn, N. Y.
Kahn, Ely Jacques, architect, 381 4th av, New York.
Kahn, Jacques, wholesale window & plate glass, 533 W. 37th, New York.

Kahn, Leopold, & Co., paint mfrs., Philadelphia, Pa.
Kahn Mfg. Co., machsts., 598 Clinton, Milwaukee, Wis.
Kahn, Sam, brick, Blakeley, Minn.
Kahn's, E., Sons & Co., meat packers, 517 Livingston, Cincinnati, Ohio.
Kahnweiler's David, Sons, life boats, fenders, hooks, etc., 260 Front, New York.
Kahrs, G. W., architect, Long Beach, Cal.
Kailen, M., & Son, soap, Madison, Wis.
Kain, C. H., architect, Arcade Bldg., Harrisburg, Pa.
Kain, Jas. R., contractor, Mount Vernon, N. Y.
Kainer Mfg. Co., machsts. & fndrs., Chicago, Ill.
Kaiser, Chas. S., architect, Mech. Inst. Bldg., San Francisco, Cal.
Kaiser, F. C., & Son, mach. knives, Muncie, Ind.
Kaiser, Geo. J., tin cans & canisters, 194 Duane, New York.
Kaiser, H., Buggy Co., Kenton, Ohio.
Kaiser, Jacob, Mfg. Co., 3d & Elm, St. Louis, Mo.
Kaiser, John, & Bros. Co., contractors, Elyria, Ohio.
Kaiser, Jno. H., Lbr. Co., Eau Claire, Wis.
Kaiser Knitt'g Wks., sweaters, cardigans, etc., 260 Stone av, Brooklyn, N. Y.
Kaiser Mfg. Co., ash, garbage & waste cans, 245 Pearl, New York.
Kaiser, Wm. P., architect, 313 Carondelet, New Orleans, La.
Kalamazoo Advtg. Co., spec., Kalamazoo, Mich.
Kalamazoo Folding Canvas Boat Co., Kalamazoo, Mich.
Kalamazoo Fdry. & Mach. Co., Kalamazoo, Mich.
Kalamazoo Loose Leaf Binder Co., loose leaf devices, 314 N. Kalamazoo, Kalamazoo, Mich.
Kalamazoo Mach. & Tool Co., Kalamazoo, Mich.
Kalamazoo Malleable Iron Co., Kalamazoo, Mich.
Kalamazoo Paper Co., Kalamazoo, Mich.
Kalamazoo Plating Wks., Kalamazoo, Mich.
Kalamazoo Pump Co., water supply outfits, Kalamazoo, Mich.
Kalamazoo Ry. Supply Co., machsts. & fndrs., Kalamazoo, Mich.
Kalamazoo Rendering & Fertilizer Co., Kalamazoo, Mich.
Kalamazoo Sheet Metal Mfg. Co., Kalamazoo, Mich.
Kalamazoo Sled Co., Kalamazoo, Mich.
Kalamazoo Soap Co., Kalamazoo, Mich.
Kalamazoo Specialty Co., lawn clothes dryers, Kalamazoo, Mich.
Kalamazoo Spring & Axle Co., Kalamazoo, Mich.
Kalamazoo Stationery Co., pads & tablets, Kalamazoo, Mich.
Kalamazoo Steel Goods Co., 412 E. Runson, Kalamazoo, Mich.
Kalamazoo Stove Co., Kalamazoo, Mich.
Kalamazoo Tank & Silo Co., Harrison & M. C. R. R., Kalamazoo, Mich.
Kalamazoo Vegetable Parchment Co., paper & pulp mills, Kalamazoo, Mich.
Kalamein Co., kalameined doors & windows, 10th, Long Island City, N. Y.
Kalb, Adam, machy. dlrs., 162 Grand, New York.
Kalb & McCauley, contractors, Atlanta, Ga.
Kalbach Lumber Co., Oskaloosa, Ia.
Kalbert, Adolph, & Son, cornices & skylights, 170 E. 3d, New York.
Kalbfleisch Corp., battery chemicals, acids, etc., 31 Union Sq, New York.
Kalbfleisch Supply Co., mill & facty. supplies, Watertown, N. Y.
Kalbfleisch, Theo. F., mill & facty. supplies, Glens Falls, N. Y.
Kalbitzer Packing Co., meat packers, Wheeling, W. Va.
Kalchbrenner, John, contractor, 133 W. Washington, Chicago, Ill.
Kaldenberg Trad'g. Co., billiard & pool balls, ivory imptrs., etc., 433 Broome, New York.
Kale Canning Co., Everson, Wash.
Kalem Co., films, 235 W. 23d, New York.
Kale Mfg. Co., chemicals, 1406 N. Front, Philadelphia, Pa.
Kales Stamping Co., auto. horns, conduit hangers, washers, etc., 443 Lafayette bldg., W. Detroit, Mich.
Kalispell Lbr. Co., Kalispell, Mont.
Kalispell Mercantile Co., wholesale hdwre. & mill & fcty. supplies, Kalispell, Mont.
Kall, P. J., contractor, Moorhead, Minn.
Kalle Color & Chem. Co., mfrs. & imp. of indigo, dyes & dyestuffs, 530 Canal, New York.
Kallich & Lubroth, architects, 215 Montague, Brooklyn, N. Y.
Kallman, Schaffer Co., contrs., Schenectady, N. Y.
Kallmerten & Baer, contractors, Mansfield, Ohio.
Kalman, Jos., & Son, cornices, 361 Chelsea, E. B., Boston, Mass.
Kalman, Max M., architect, Old South bldg., Boston, Mass.
Kalman, Paul J., Co., concrete reinforcement, Merchants Nat'l. Bank bldg., St. Paul, Minn.
Kalmath River Packers Ass'n, canned goods, Requa, Cal.
Kalo Brick & Tile Co., Fort Dodge, Ia.
Kalor, Fred. N. H., architect, Plattsburgh, N. Y.
Kalsa, Rudolph, elec. & gas light fixtures, 2320 S. Kedzie av, Chicago, Ill.
Kalsch, John, architect, 5400 Euclid av, Cleveland, Ohio.
Kalt Lbr. Co., lbr. mfrs., 314 E. 64th, New York.
Kaltenbach & Griess, steel struct. wk., Chamber of Commerce Bldg., Cleveland, Ohio.
Kaltenthaler, H. J., machsts., 234 Cherry, Philadelphia, Pa.
Kalter & Rolnick Iron Wks., 415 Dumont av, Brooklyn, N. Y.
Kaltzan & Myers, contractors, Davenport, Iowa.
Kam, John, Malting Co., 377 Genesee, Buffalo, N. Y.
Kamargo Supply Co., mill & facty. supplies, Watertown, N. Y.
Kamerer, Andrew, contrs., Harrisburg, Pa.
Kamerer, I., plumbers' & steam fitters' supplies, 1660 Park av, New York.
Kaminis, Arthur, mach. & fndr., Tarpon Springs, Fla.
Kaminski Hardware Co., Georgetown, S. C.
Kaminsky, Louis, Co., scrap iron and steel, Houston, Tex.
Kamlee Co., auto trucks, 448 E. Water, Milwaukee, Wis.
Kamman, Hy. A., meat packers, 447 Bailey av, Buffalo, N. Y.
Kammen, Walter, bank office railings, 3258 Spring Grove av, Cincinnati, Ohio.
Kammer & Ertle, cornices & skylights, Massillon, Ohio.
Kammerer, Edward W., architect, Lebanon, Ore.
Kamowski, Jos., contractor, Nanticoke, Pa.
Kamper, Louis, architect, fine arts Bldg., Detroit, Mich.
Kampfe Bros, shaving brushes, razor strops, etc., 3303 Atlantic av, Brooklyn, N. Y.
Kamschulte & Webster, architects, 216 N. Water, Milwaukee, Wis.
Kanapaux, C., & Co., contractors, Charleston, S. C.
Kanawha Brick Co., common, Charleston, W. Va.
Kanawha Mfg. Co., tipples mine, Charleston, W. Va.
Kanawha Mine Car Co., Charleston, W. Va.
Kandel Concrete Co., contrs., 100 W. 117th, New York.
Kandem Elec. Co., elec. motors, lamps, etc., 152 Chambers, New York.
Kane Blind & Screen Co., Kane, Pa.
Kane Brick Co., Kane, Pa.
Kane, Ed. J., contractor, Youngstown, Ohio.
Kane Flint Bottle Co., Kane, Pa.
Kane Glass Co., Kane, Pa.
Kane, H. S., canned goods, Brooklin, Me.
Kane, John, tubular boilers, Nyack, N. Y.
Kane, John P., Co., masons' & bldrs.' matrls., 103 Park av, New York.
Kane-Kelly Contrg. Co., Audubon, New Orleans, La.
Kane & Keyser Hardware Co., Belington, W. Va.
Kane, Michael B., architect, Edwardsville, Ill.
Kane, Michael, Brick Co., Hartford, Conn.
Kane, Michael J., contractor, 9 Wade, Worcester, Mass.
Kane & Roach, carriage builders' machinery, Syracuse, N. Y.
Kane Supply Co., mill & facty. supplies, Kane, Pa.
Kane, Wm., Mfg. Co., heaters, 1909 Adams, Philadelphia, Pa.
Kangaroo Mfg. Co., children's vehicles, 10 S. La Salle, Chicago, Ill.
Kankakee Foundry Co., Kankakee, Ill.
Kankakee Tile & Brick Co., Kankakee, Ill.
Kann, Robt., chemist, 124 Front, New York.
Kanneberg Roofing & Ceiling Co., Canton, Ohio.
Kanner, Sam'l,, razor stroppers, 556 B'way, New York.
Kanouse, H. W., Lumber Co., Ford Bldg., Detroit, Mich.
Kanoy, C. E., lbr., Biscoe, N. C.
Kansas Agricultural Coll. Div of Mechanic Arts, Manhattan, Kans.
Kansas Buff Brick & Mfg. Co., Buffville, Kans.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Kansas City Bridge Co., contrs., Orear-Leslie Bldg., Kansas City, Mo.
Kansas City Carriage & Wagon Wks., 237 W. 4th, Kansas City, Mo.
Kansas City Construction Co., 120 Spring, Kansas City, Mo.
Kansas City Elevator Mfg. Co., S. E. cor. 26th & Madison, Kansas City, Mo.
Kansas City Engine Works, 1613 Crystal av, Kansas City, Mo.
Kansas City Engineering Co., machsts., Scarritt Bldg., Kansas City, Mo.
Kansas City Flushing & Drain Co., roof flushing & floor drain, 1433 Main, Kansas City, Mo.
Kansas City Foundry Co., Kansas City, Kans.
Kansas City Furnace Co., 2429 Independence av, Kansas City, Mo.
Kansas City Galvanizing & Mfg. Co., Park & Edgar av, Kansas City, Mo.
Kansas City Hay Press Co., Kansas City, Mo.
Kansas City Htg. Co., 15th & Grand av, Kansas City, Mo.
Kansas City Mach. Wks., Kansas City, Mo.
Kansas City Motion Picture Co., moving picture films, 1017 Central av, Kansas City, Mo.
Kansas City Packing Box Co., Kansas City, Kans.
Kansas City Printing Ink Co., 400 Broadway, Kansas City, Mo.
Kansas City Pump Co., mill & facty., plumbers' & steam fitters' supplies, 1314 W. 10th, Kansas City, Mo.
Kansas City Radiator Co., steam & hot water, 31st, Kansas City, Mo.
Kansas City Rubber & Belting Co., pckg. mfrs., 710 Delaware, Kansas City, Mo.
Kansas City Scale & Supply Co., Kansas City, Mo.
Kansas City Sheet Metal & Furnace Co., cornices, 1318 St. Louis av, Kansas City, Mo.
Kansas City Slide Co., moving picture films & lantern slides, 1017 Central av, Kansas City, Mo.
Kansas City Soap Co., Kansas City, Kans., & Shawanee & R. R., Kansas City, Mo.
Kansas City Stained Glass Wks. Co., 1514 Wyandotte, Kansas City, Mo.
Kansas City Structural Steel Co., Kansas City, Mo.
Kansas City Terra Cotta & Faience Co., 19th & Manchester av, Kansas City, Mo.
Kansas City Testing Laboratory, Kansas City, Mo.

Kansas City Wire & Iron Wks., fndrs., Kansas City, Mo.
Kansas Co-operative Refining Co., Chanute, Kans.
Kansas Lumber Co., Hutchinson, Kans.
Kansas Milling Co., flour, Wichita, Kans.
Kansas Vitrified Brick Co., Chanute, Kans.
Kansas Voting Machine Co., Topeka, Kans.
Kanter & Altman, contractors, 1125 Commonwealth av, Boston, Mass.
Kanter, R. J., Co., lubricating oils, 647 Water, New York.
Kantrowitz, Morris, contractors, 20½ Market, Albany, N. Y.
Kantslip Co., cabinet benches, clamps, gauges, trucks, etc., Freeport, Mich.
Kanzler, Chris., & Son, contractors, Evansville, Ind.
Kaolin Mining Co., Franklin Bank Bldg., Philadelphia, Pa.
Kapailo Mfg. Co., artificial bldg. stone, 103 Park av, New York.
Kaplan, L., scrap rubber, Salem, Ohio.
Kapp, A. Jos., Sons Ivory Co., billiard & pool balls, 124 E. 14th, New York.
Kapple, Andrew C., contractor, Racine, Wis.
Kappler-Fox Fdry. Co., stove mfrs., York & Thompson, Philadelphia, Pa.
Kaps Bros., contractors & masons' & bldrs.' matls., Portsmouth, Ohio.
Kar Engineering Co., Inc., machsts, 79 E. 130th, New York.
Karas Elec. Co., machsts., 215 W. Ill. Chicago, Ill.
Karus, Sigmund, machsts. & fndrs., Wausau, Wis.
Karbach, Chas., architect, 7229 Madison, Forest Park, Ill.
Karbatzki, J. B., & Son, machsts., 1302 W. 22d, Chicago, Ill.
Karcher, Jacob, mattresses, Castorland, N. Y.
Karcher & Smith, architects, 34 S. 17th, Philadelphia, Pa.
Kardell Tractor & Truck Co., St. Louis, Mo.
Kardong Bros., metal bending machy., Minneapolis, Minn.
Karelsen, E., glass cutters, 68 Nassau, New York.
Karge, Frank, stone, 5831 Bishop, Chicago, Ill.
Karges, H. Gilbert, architect, Furniture Bldg., Evansville, Ind.
Karges Wagon Co., Evansville, Ind.
Karle, A., carriages, St. Joseph, Mo.
Karle & Sons, saws, joiners, 142 Chicago, Buffalo, N. Y.
Karlsson, E. K., architect, 65 W. 107th, New York.
Karnes Bros., canned goods, Buchanan, Va.
Karnes, Howard, harness, etc., Knoxville, Tenn.
Karnes, W. M., & Sons, contractors, Paducah, Ky.
Karns, Jas. F., cornices, Everett, Wash.
Karol, B., plumbers' supplies, 800 S. Kedzie av, Chicago, Ill.
Karpen, S., & Bros., revolving chairs, 900 S. Mich., Chicago, Ill.
Karr, Francis, Co., bed springs, mattresses, 1322 W. Monroe, Chicago, Ill.
Karr Portable House Co., 2554 W. Irving Pk. blvd., Chicago, Ill.
Karr Supply Co., mill & facty. supplies, Belleville, Ill.
Karr, Thos. H., contractor, Troy, N. Y.
Karr, Wallace V., architect, Westfield, Mass.
Karry Lode Industrial Truck Co., Long Island City, N. Y.
Karstadt, J. G., contractor, Lemcke Bldg., Indianapolis, Ind.
Karstens, August, brick, Moline, Ill.
Kartheiser, Frank, sash, door & blind, Menominee, Mich.
Kasch Roofing Co., Akron, Ohio.
Kasdorf, Walter O., contractor, 1099 Halton, Milwaukee, Wis.
Kasebier Chatfield Shellac Co., 175 Pearl, New York.
Kasenit Co., case hardening compounds, 11 Water, New York.
Kashner & Son, architects, Lafayette, Ind.
Kasota Marble & Tile Co., Kasota, Minn.
Kasper & Koetzle, mill & facty. supplies, 565 Bushwick, Brooklyn, N. Y.
Kasper Stamp & Seal Co., 821 Locust, St. Louis, Mo.
Kassing, Henry, contractor, Utica, N. Y.
Kast Copper & Sheet Iron Co., 91 Main, Buffalo, N. Y.
Kast, M. I., architect, Commonwealth Tr. Bldg., Harrisburg, Pa.
Kasten & Schmuke Pressed Brick Co., Jackson, Mo.
Kastens H'y., time recorders & stamps & numbering mach., 418 W. 27th, New York.
Kaster, P. M., agricultural implements, Rimersburg, Pa.
Kastl, J. F., cornices & skylights, Omaha, Neb.
Kastler, J. G., & Co., architects, Ch. of Com. Bldg., Detroit, Mich.
Kastner, A. & J. B., cornices & skylights, Tacoma, Wash.
Kastner, Chas., cornices & skylights, Salina, Kans.
Kastner Cut Stone Co., Memphis, Tenn.
Kastner, Julius, architect, 600 E. 18th, Brooklyn, N. Y.
Kastor, Adolph, & Bros., cutlery mfrs., razors, scizzors,etc., 109 Duane, New York.
Kasurin, John, architect, Hotel Statler, Detroit, Mich.
Kasyer Raw Hide Co., 3914 N. B'way, St. Louis, Mo.
Katahdin Pulp & Paper Co., Lincon, Me.
Katchen, Barnett Iron Wks., 700 So. 15th, Newark, N. J.
Kates, Geo. W., contractor, Avalon, N. J.
Katterjorn Brick Co., Paducah, Ky.
Katterjohn, F. W., Cons. Co., masons' & bldrs.' matls., Paducah, Ky.
Katterjohn, G. W., contractor, Paducah, Ky.
Katting, Charles, archit., Dime Savings Bank bldg., Detroit, Mich
Kattmann & Kneeland Tent Co., Houston, Tex.
Katz Bros. Leather Goods Co., 135 W. 20th, New York.
Katz Construction Co., Brandeis Theatre Bldg., Omaha, Nebr.
Katz & Feiner, architects, 505 5th av, New York.
Katz, Samuel, architect, 405 Lexington av, New York.
Katz, Saml., cornices & skylights, 439 E. 23d, New York.
Katz, Wm., & Co., thermometers, 1368 De Kalb, Brooklyn, N. Y.
Katz, Wm. P., architect, 12 N. B'way, Yonkers, N. Y.
Katzenbach & Bullock Co., chemicals, 110 William, New York.
Katzenbach, F. S., & Co., wholesale hdwe., electrical, mill & facty. & plumbers' supplies, Trenton, N. J.
Katzenstein, Leopold, & Co., mill & facty. supplies, 358 West, New York.
Katzinger, Edw., Co., confectioners' gas furnaces, dough dividing machs., 122 N. Peoria, Chicago, Ill.
Kau, Max, architect, 2241 Stratford av, Clifton Heights, Cincinnati, Ohio.
Kauai Trust & Land Co., canned goods, Lawai, Hawaii.
Kaucher, Hodges & Co., contrs., Memphis, Tenn.
Kauffman Architectural Co., Rose Bldg., Cleveland, Ohio.
Kauffman Engng. Co., machsts., St. Louis, Mo.
Kauffman, F. A., Mfg. Co., canned goods, 106 S. 2d, St. Louis, Mo.
Kauffman, Harry M., machsts., Windom, Pa.
Kauffman, J. L., machsts. & fndrs., Garden City, Mo.
Kauffman Pasteurizer Co., Three Rivers, Mich.
Kauffman, William, architect, Conestoga Bldg., Pittsburg, Pa.
Kaufherr & Co., patent leather, 42 Garden, Newark, N. J.
Kauflie, John, contractor, Landsdale, Pa.
Kaufman, A. C., Mfg. Co., stoves, heaters, etc., 210 5th av, New York.
Kaufman, Benj., & Sons, prepared cereal foods, etc., 178 Stanton, New York.
Kaufman, C. R., architect, Boise, Idaho.
Kaufman, David, & Sons Co., scrap iron & steel, Elizabeth, N. J.
Kaufman, E., & Co., steel mfrs., Farmers Bank Bldg., Pittsburgh, Pa.
Kaufman, E. L., & Co., plate glass, Liberty & Fayette, Baltimore, Md.
Kaufman, H. J., architect, Flint, Mich.
Kaufman-Haas Heating Co., 1117 23d, Milwaukee, Wis.
Kaufman Hardware Co., Anderson, Ind.
Kaufman, Jacob, Co., fertilizer mfrs., Seattle, Wash.
Kaufman, Jos., cereal foods, 148 Ludlow, New York.
Kaufman, Lewis R., architect, 373 4th av, New York.
Kaufman, M., scrap iron, rubber, 347 N. Sheldon, Chicago, Ill.
Kaufman Mach'y Co., dealers, 89 Center, New York.
Kaufman Mfg. Co., spring beds, etc., Ashland, Ohio.
Kaufman Mill'g Co., prepared cereal foods, etc., 148 Ludlow, New York.
Kaufman & Strauss Co., metal signs, litho., 122 Fifth av, New York
Kaufman, W. R., architect, Amarillo, Tex.
Kaufman, Wm. S., & Son, architects, Kelly & Hutchinson Bldg., Richmond, Ind.
Kaufmann Bros. & Bondy, smoking pipes, 33 E. 17th, New York.
Kaufmann, K., & Co., bags & suit cases, 169 Murray, Newark, N. J.
Kaufmann, Killan & White, architects, 110 E. 23d, New York
Kaukauna Lumber & Mfg. Co., Kaukauna, Wis.
Kaukauna Machine Works, paper mill machy., Kaukauna, Wis.
Kaukauna Pulp Co., Kaukauna, Wis.
Kaul Clay Mfg. Co., Toronto, Ohio.
Kaul & Hall Lumber Co., St. Marys, Pa.
Kaul, J. & A., machsts. & fndrs., St. Mary's Pa.
Kaul Lumber Co., Birmingham, Ala.
Kaulback, W. S., masons' & bldrs.' matrls., Malden, Mass.
Kaumagraph Co., trade mark stamps, 209 W. 38th, New York.
Kaumier, John C., architect, Port Huron, Mich.
Kausel, John, machinist, Minneapolis, Minn.
Kaustine Co., dry earth closets, Buffalo, N. Y.
Kautz, Chas. E., lumber mfrs., Boyntonville, N. Y.
Kautz, Fred. C., & Co., name plates, rubber stamps, stencils, etc., 2633 W. Lake, Chicago, Ill.
Kauzer, Jno. E., architect, Benshaw Bldg., Pittsburgh, Pa.
Kavanagh Bros. & Co., corn brooms, 1234 W. Kinzie, Chicago, Ill.
Kavanagh Bros. Co., crushed stone & granite, Quincy, Mass.
Kavanagh, Hugh I., architect, 226 E. Eager, Baltimore, Md.
Kavanagh, Jos., Co., coppersmiths, Pratt & Central av, Baltimore, Md.
Kavanaugh, Daniel, lumber, Williamsport, Pa.
Kavanaugh, Edward F., contr., Wallingford, Conn.
Kavanaugh, Geo. W., mill & facty. supplies, Cohoes & Utica, N. Y.
Kavanaugh, J. F., architect, Union Oil Bldg., Los Angeles, Cal.
Kavanaugh, Patrick H., cornices, Peoria, Ill.
Kavanaugh Sand Co., Memphis, Tenn.
Kaw Boiler Works Co., Kansas City, Kansas.
Kaw Milling Co., flour, Topeka, Kans.
Kaw Paving Co., Topeka, Kans.
Kawalle Automatic Mitre Box Co., Manitowoc, Wis.
Kawin, Chas. C., Co., chemists, 417 S. Dearborn, Chicago Ill.
Kawnear Cabinet Co., chemical closets, 1766 Wabash av, Kansas City, Mo.
Kawneer Mfg. Co., steel structl. mills, copper, brass, bronze, mouldings, etc., Grand Rapids & Niles, Mich.
Kay & Ess Co., paint mfrs., varnishes, etc., Dayton, Ohio.
Kay Glove Co., Manitowoc, Wis.
Kay, H. E. (Est. of), machsts. & fndrs., Fall River, Mass.
Kay Lumber Co., Franklin Bank Bldg., Philadelphia, Pa.
Kay, T., Woolen Mill Co., Salem, Ore.

Kaye & Carter Lumber Co., 1115 Lumber Exch., Minneapolis, Minn.
Kayler J. Chalmers, architect, 161 S. Woodward av, Dayton, Ohio.
Kayline Fixture Co., lighting fixtures, 312 High av, Cleveland, Ohio.
Kaylor, John, brick, McClure, Ohio.
Kaysee Co., factory trucks, 519 W. Monroe, Chicago, Ill.
Kayser & Allman, wall paper mfrs., 1522 Chestnut, Phila., Pa.
Kayser, Julius, & Co., knitted gloves & mittens, 45 E. 17th, New York.
Kaysing Iron & Fndry. Co., St. Louis, Mo.
Kaysville Brick Co., Salt Lake City, Utah.
Kaysville Canning Corp., Kaysville, Utah.
Kazoo Go-Bang Co., toys, Kalamazoo, Mich.
K. B. C. Co., carbureters, 2015 Mich. av, Chicago, Il.
K. & B. Co., tel. cord weights, 25 N. 7th, Philadelphia, Pa.
K. & B. Packing & Prov. Co., Denver, Colo.
K.-B. Pulverizer Co., crusher machy., etc., 86 Worth, New York.
K. C. Elevator Mfg. Co., 2601 Madison av, Kansas City, Mo.
K. C. Generator Co., Kansas City, Mo.
K. C. Lumber Co., Lucedale, Miss.
K. & C. Mfg. Co., rims—auto., carriage & wagon wheel. Henniker, N. H.
K. D. Carburetor Co., 5915 Banna av, Cleveland, Ohio.
Keafer, L., billiard & pool tables, 329 W. Girard av, Phila., Pa
Keagy, Henry W., lumber, Hagerstown, Ind.
Keagy & Lear Machine Co., mill & facty. supplies, Coshocton, O.
Kealer, G. H., machst., Batesville, Ark.
Keane, P. J., & Son, contractors, Manchester, N. H.
Kear, H. J., contractor, St. Clair, Pa.
Kearby, E. J., & Co., advtg. spec., St. Joseph, Mo.
Kearfott, Clarence B., architect, Bristol, Tenn.
Kearney Alfalfa Meal Co., Kearney, Neb.
Kearney Flour Mills, Kearney, Neb.
Kearney Fdry., Mach. & Auto. Co., Kearney, Neb.
Kearney Hardware Co., cornices & skylights, Kearney, Neb.
Kearney, J. Watts, & Sons, masons' & bldrs.' matls., 514 S. Peters, New Orleans, La.
Kearney, John, & Co., steam htg. contrs., 523 Ringgold, Cincinnati, Ohio.
Kearney, Thos., contractor, Meriden, Conn.
Kearney & Trecker Co., milling machines, W. Allis, Milwauwee, Wis.
Kearns, Gorsuch Bottle Co., Zanesville, Ohio.
Kearns Motor Truck Co., Beavertown, Pa.
Kearns, P. J., Contracting Co., 2306 Creston av, New York.
Kearns, Patrick, contractor, Orange, N. J.
Kearns, T. A., Co., contractors & dock bldrs., 343 S. Dearborn, Chicago, Ill.
Kearns, W. F., Co., concrete steel const., Cambridge, Mass.
Kearsarge Peg Co., Bartlett, N. H.
Keasbey & Mattson Co., paper & pulp mills, Ambler, Pa.
Keasbey, Robt. A., Co., mill & facty. supplies, 445 West, New York.
Keasey, N. T., Lbr. Co., Brazil, Ind.
Keast, Wm. R. Morton, archit., 6360 McCallum, Philadelphia.
Keating & Black, Inc., mill engrs., Wabash bldg., Pittsburgh, Pa.
Keating, E. F., Co., plumbers' supplies—jobbers, 446 Water, New York.
Keating, J. L., Co., sand & gravel dlrs., 236 E. 35th, New York.
Keating, Jas. A., & Co., steam fitters' supplies, 105 Christopher, New York.
Keating, John S., contractor, Poughkeepsie, N. Y.
Keating, M., & Son Co., floor mosaics, 4046 Wentworth av, Chicago, Ill.
Keaton Bros., cooperage stock, Memphis, Tenn.
Keays, A. A., cornices & skylights, 1228 E. 9th, Los Angeles, Cal.
Keck, Bert D., architect, Crookston, Minn., & Grand Forks, N. D.
Keck & Co., meat packers, Pottstown, Pa.
Keck-Gonnermann Co., agricultural implts., Mount Vernon, Ind.
Keckley, O. C., Co., steamfitters' supplies, 318 W. Washington, Chicago, Ill.
Keckonen Hardware Co., Calumet, Mich.
Kedean, Walter Martin, archit., Williamson bldg., Cleveland, O.
Kedzie Fdy. Co., Chicago, Ill.
Kee Lox Mfg. Co., Rochester, N. Y.
Keeble, Alex. K., machsts. & fndrs., Lawrence, Mass.
Keefe Construction Co., Sioux City, Ia.
Keefe, John J., Co., contractors, Sioux City, Ia.
Keefe, Lawrence (Est.), machsts. & fndrs., Thibodeaux, La.
Keefe, W. F., architect, Amer. Nat. Bk. Bldg., St. Paul, Minn.
Keefer & Bailey, contractors, Huntington, Ind.
Keefer, Elisha H., & Son, contrs., 1321 Rodman, Philadelphia, Pa.
Keefer, Geo. H., contractor, Mt. Carmel, Pa.
Keefer, Hy., crushed stone, Huntington, Ind.
Keefer, John S., contractor, Sunbury, Pa.
Keefer & Maxwell, sweaters, etc., Camillus, N. Y.
Keefer, Peter R., contractor, Sunbury, Pa.
Keefer, Wm. Wesley 2d., architect, 1802 Chestnut, Phila., Pa.
Keeher, Thomas F., contractor, Newport, R. I.
Keeler Brass Co., machsts. & fndrs., Grand Rapids, Mich.
Keeler, E., Co., mill & facty. supplies, Williamsport, Pa.
Keeler Lumber & Fuel Co., masons' & bldrs.' matls., Beloit, Wis.
Keeler, Peter, Bldg. Co., 425 Orange, Albany, N. Y.
Keeler, W. P., cornices & skylights, Spokane, Wash.
Keeley, Jas. J., waste closet tanks, Jackson, Mich.
Keeley, Jerome, & Co., scrap iron & steel, 421 Chestnut, Philadelphia, Pa.
Keeley, John, & Patrick, contrs., East St. Louis, Ill.
Keeley Stove Co., Columbia, Pa.
Keely, S. S., & Son, sash, door & blind mfrs., Main & Umbria, Philadelphia, Pa.
Keeman, Otto A., architect, Stafford & Trainor, Wilkes-Barre, Pa.
Keen, Chas. Barton, landscape archt., 1218 Chestnut, Phila., Pa.
Keen Kleener Mfg. Co., soap, Ottawa, Ill.
Keen, W. B., & Son, carriages, Malden, Mass.
Keen, W. F., & Co., sash, door & blind mfrs., 4317 York rd, Baltimore, Md.
Keenan, Samuel, contractor, Parkersburg, W. Va.
Keenan Structural Slate Co., Bangor, Pa.
Keenan, Walter C., architect, 824 Gravier, New Orleans, La.
Keene-Belvidere Canning Co., Belvidere, Ill.
Keene Bros. Mach. Co., Elkhart, Ind.
Keene Canning Co., Freeport, Ill.
Keene, Chas. A., emblem & eng. adv. jlry, 180 B'way, New York.
Keene, Fred. H., steel letters & figures mfrs., 149 Church, New York.
Keene, Geo. C., & Co., machsts., 2327 Florence av, Cincinnati, O.
Keene Glue Co., Keene, N. H.
Keene Mica Products Co., insulating cloth, 34 W. 33d, New York.
Keene, R. A., & Son, canned goods, Poland, Me.
Keene & Simpson, architects, Reliance Bldg., Kansas City, Mo.
Keene Woodenware Co., pails & buckets, Keene, N. H.
Keener, Geo. I., common brick, Weston, W. Va.
Keener, S. N., Co., sash, door & blind mfrs., Newark, N. Y.
Keener Sand & Clay Co., Hartman bldg., Columbus, Ohio.
Keeney, H. M., architect, Winston-Salem, N. C.
Keenoh Co., razor stroppers, 82 First, Detroit, Mich.
Keep Bros., mill & facty. supplies, 225 Sansom, Phila., Pa.
Keeport, A. B., & Co., masons' & bldrs.' matls., 620 N. Senate, Indianapolis, Ind.
Keery Chemical Co., Hancock, N. Y.
Keery, Thos., Co., chemicals, Hancock, N. Y.
Kees & Colburn, architects, Donaldson Bldg., Minneapolis, & Lowery Annex, St. Paul, Minn.
Kees, F. D., Mfg. Co., machsts. & fndrs., Beatrice, Neb.
Kees, G. A., Domestic Engineering Co., contrs., St. Paul, Minn.
Kees Metal Bldg., Specialties Co., Phelan Bldg., San Francisco, Cal.
Kees, Wm. J., pckg. box mfrs., 113 N. Orianna, Philadelphia, Pa.
Keese & Chamberlin Bros., common brick, Litchfield, Ill.
Keesing & Son, flour mills, Cedar Springs, Va.
Keeveny, T. W., Lbr. Co., 1045 W. 8th, Cincinnati, Ohio.
Keever Starch Co., Chamber of Commerce Bldg., Columbus, O.
Keevil, A. S., envelopes, 210 N. 4th, St. Louis, Mo.
Kefauver & McLaran, contractors, Equitable Bldg., Balto., Md.
Keferstein, Carl B., architect, Stoneleigh ct, Washington, D. C.
Keffer & Jones, architect, Youngerman Bldg., Des Moines, Ia.
Keffer, Wm., smoking pipes, 1128 N. Orianna, Philadelphia, Pa.
Keffler Bros., machinists, Malvern, Ohio.
Kegler, G. F., granite producers, Plymouth, Wis.
Kegley, F. T., archt., Cons. Realty Bldg., Los Angeles, Col.
Kehl, G., & Son Co., contractors, 1225 N. Maplewood av, Chicago, Ill.
Kehl Mercantile Co., lbr., Northport, Mich.
Kehm, A. O., Castings Co., Birmingham, Ala.
Kehm Bros Co., heating contrs., high & low pressure, 15 W. Kenzie, Chicago, Ill.
Kehm, Jno. R., Co., heating contrs., 8 E. Austin, Chicago, Ill.
Kehoe, Alfred L., & Co., architects, 657 W. 183d, New York.
Kehoe, C. C., machsts., Schenectady, N. Y.
Kehoe & Co., stone producers, Hazelton, Pa.
Kehoe Display Fixture Co., bank railings, 541 Market, San Francisco, Cal.
Kehoe Iron Wks., Savannah, Ga.
Kehoe & Mowery Co., contractors, Wilkes-Barre, Pa.
Kehr, A. P., Co., stone, Buffalo, N. Y.
Kehr Packing Co., meat, 3832 Cote Brillante av, St. Louis, Mo.
Keich, R. J., architect, Warren, Ohio.
Keidel, Hy., & Co., whol. hdwe., 405 W. German, Baltimore, Md.
Keighley, Chas., & Sons, machsts., Vineland, N. J.
Keighley, S., Metal Ceiling & Mfg. Co., metal ceiling & lockers, 124 3d av, Pittsburgh, Pa.
Keil-Dedlow Mfg. Co., saw filing machines, Plainview, Neb.
Keil, Francis, & Son, hdwe. mfrs., 401 E. 163d, New York.
Keim Brick & Tile Co., Louisville, Ohio.
Keim, T. B., architect, Haas Bldg., Los Angeles, Cal.
Keimig, Louis J., architect, 347 5th av, New York.
Kein, Reuben, contractor, Easton, Pa.
Keiner-Williams Stamping Co., Richmond Hill, N. Y.
Keiper, Howard O., contractor, Easton, Pa.
Keirn, J. Edw., architect, 3945 Brighton rd, Pittsburgh, Pa.
Keiser Bros., machsts. & fndrs., Hamburg, Pa.
Keiser, F. H., & Co., contractors, Pottstown, Pa.
Keiser, Geo., & Co., farm machy., mill, facty. & plumbers' supplies, Muncie, Ind.
Keiser Mfg. Co., machsts. & fndrs., Reading, Pa.
Keiser-Van Leer Co., whol. hdwe., mill, facty. & plumbers' supplies, Bloomington, Ill.
Keister, A. L., & Co., coke mfrs., Scottdale, Pa.
Keister, Geo., architect, 56 W. 54th, New York.
Keith Bros., flour mills, Buffalo, Ky.
Keith Car & Mfg. Co., Sagamore, Mass.

Keith Furnace Co., Des Moines, Ia.
Keith, Geo. H., architect, Hutton Bldg., Spokane, Wash.
Keith & Hiles Lumber Co., Crandon, Wis.
Keith, J. M., & Co., wood handles, Eastford, Conn.
Keith Lumber Co., Beaumont, Tex., & 2350 Laflin, Chicago, Ill.
Keith Mfg. Co., elec. fixtures, Clinton, N. Y.
Keith Paper Co., Turners Falls, Mass.
Keith, R., Furniture & Carpet Co., mattresses, Kansas City, Mo.
Keith, Simmons & Co., whol. hdwe., mill & facty. supplies, Nashville, Tenn.
Keith, Walter J., archt., 1722 Hennepin av, Minneapolis, Minn.
Keith, Wm. S., soap, Milford, N. H.
Keithly Co., plumbers' supplies—jobbers, Houston, Tex.
Kelham, Geo. W., archt., Sharon Bldg., San Francisco, Cal.
Kelk Carriage Wks., Sedalia, Mo.
Kelker Blower Co., 2383 Filmore av, Buffalo, N. Y.
Kelker, Thos. M., architect, 16 N. 2d, Harrisburg, Pa.
Kell Bros., masons' & bldrs.' matls., Lexington, Ohio.
Kell Milling Co., flour, Vernon, Tex.
Kell, Otto, architect, Davidson Bldg., Des Moines, Ia.
Kellar, O. J., Lime Co., Frederick, Md.
Kellar-Thomason Co., concrete molds, 1222-36 E. 28th, Los Angeles, Cal.
Kellaway, Herbert J., landscape archt., 12 West, Boston, Mass.
Kelleher, John J., scrap iron & steel, 89 Tomkins, New York.
Keller, A. C., Collar Co., Council Bluffs, Ia.
Keller, A. E., oven bldrs., 136 Beekman, New York.
Keller Brick Co., Cuyahoga Falls, Ohio.
Keller Bros., contractors, Harmon rd, Philadelphia, Pa.
Keller Bros., masons' & bldrs.' matls., 6347 Station, Pittsburgh, Pa.
Keller, C., Co., contractors, 210 Moran, Detroit, Mich.
Keller, Chas. J., architect, Germania Bldg., Milwaukee, Wis.
Keller, Christian M., machst. & fndr., Columbus, Ind.
Keller-Crescent Co., advtg. novelties, Princeton, Ind.
Keller-Dunham Piano Co., Scranton, Pa.
Keller, Frank P., architect, Monongahela, Pa.
Keller, G. M., & Son, brick & tile, Attica, Ohio.
Keller, G. P., balances (assay & analytical), Salt Lake City, Utah.
Keller, Geo., architect, 24 Park Terrace, Hartford, Conn.
Keller, George, coppersmith, 1051 Wyckoff av, Brooklyn, N. Y.
Keller, Geo., Pottery Co., 2618 Herndon, Chicago, Ill.
Keller, H. P. S., architect, Raleigh, N. C.
Keller, Hy., & Sons, pianos, Whitlock av & 156th, New York.
Keller, J. D., blankets, flannels, woolens, Houserville, Pa.
Keller & Jeffirs, machsts. & fndrs., Plymouth, Ind.
Keller, John, glass stainers, 1197 Madison, Brooklyn, N. Y.
Keller, John H., flour mills, Fisher's Hill, Va.
Keller Knitting Co., sweaters, cardigans, 5100 Euclid av, Cleveland, Ohio.
Keller, Luther, lime mfrs., masons' & bldrs.' matls., Scranton, Pa.
Keller Mfg. Co., agricultural implements, 1325 N. E. Quincy, Minneapolis, Minn.
Keller Mfg. Co., case hardening, 21st, Allegheny, Phila., Pa.
Keller Mfg. Co., wagons, Corydon, Ind.
Keller Mechanical Engineering Co., dies & die cutting machines, 70 Washington, Brooklyn, N. Y.
Keller & Milliken, masons' & bldrs.' matls., Braddock, Pa.
Keller, Oswald, architect, 1443 Potomac av, Pittsburgh, Pa.
Keller, P., & Co., arc stage & stereopticon lamps, 465 Greenwich, New York.
Keller Pneumatic Tool Co., Fond du Lac, Wis.
Keller Pottery Co., Norristown, Pa.
Keller Printing Co., street ry. tickets, 295 Lafayette, New York.
Keller, Robt., Irish moss, brewers' machy., 334 N. 3d, Phila., Pa.
Keller, Robt., Ink Co., paste, 523 Fort W., Detroit, Mich.
Keller & Sons, stone producers, Ft. Wayne, Ind.
Keller & Tamm Mfg. Co., wagon spokes; handles, etc., Victor & Leeve, St. Louis, Mo.
Keller, Walter S., architect, Timken Bldg., San Diego, Cal.
Keller, Walter S., Esq., archit., 720 Jefferson av, East, Detroit, Mich.
Keller, Wm. H., & Son, pianos, Easton, Pa.
Kellerman Contracting Co., general contractors, Internatl. Life Bldg., St. Louis, Mo.
Kellerstrauss Dist. Co., 320 N. 2nd, St. Louis, Mo.
Kelley, B., & Co., granite & stone cutters' tools, Belfast, Me.
Kelley Bros., contractors, Haverhill, Mass.
Kelley Bros. & Spielman, whiting & Paris white mfrs., Swanson & Moore, Philadelphia, Pa.
Kelley Canning Co., Waverly, Ia.
Kelley, E. B., Co., machy. dlrs., Grand Central Bldg., New York.
Kelley, Edw., heating contr., Fall River, Mass.
Kelley Elec. Co., interior telephones, 427 Elm, Cincinnati, Ohio.
Kelley Electric Mach. Co., Buffalo, N. Y.
Kelley, Frederic P., architect, 437 5th av, New York.
Kelley, H. M., & Co., masons' & bldrs.' matls., Harrisburg, Pa.
Kelley Hardware Co., Duluth, Minn.
Kelley-How-Thomson Co., whol. hdwe., mill & facty. supplies, Duluth, Minn.
Kelley, Irving W., architect, 127 N. Dearborn, Chicago, Ill.
Kelley Island Lime Co., Duluth, Minn.
Kelley Island Lime & Transport Co., mfg. of lime & limestone products, Cleveland, Ohio.
Kelley, Jas. F., & Son, granite, Quincy, Mass.
Kelley, James T., architect, 57 Mt. Vernon, Boston, Mass.
Kelley, John, contrs., S. Sal. & Brighton av, Syracuse, N. Y.
Kelley, John A., Co., contractors, Penna Bldg., Phila., Pa.
Kelley, John M., contractor, Camden, N. J.
Kelley, Jos., sash, door & blind, Reedsville, Pa.
Kelley, Koetl Mfg. Co., X-ray apparatus, Covington, Ky.
Kelley, M. A., Broom Co., Leavenworth, Kans.
Kelley, Samuel D., contractor, 4 Gold, New York.
Kelley, Samuel Dudley, architect, 209 Washington, Boston, Mass.
Kelley-Spear Co., ship builders, Bath, Me.
Kelley, Thos. F., architect, 107 Wall, Bridgeport, Conn.
Kelling, H. C., Constr. Co., 885 7th, Milwaukee, Wis.
Kellmer Piano Co., Hazleton, Pa.
Kellock, Jas. A., Cut Stone Co., Yonkers, N. Y.
Kellogg Brick & Tile Works, Kellogg, Ia.
Kellogg Bros., teasels, Skaneateles, N. Y.
Kellogg Bros. & Co., machsts. & fndrs., Jacksonville, Ill.
Kellogg Bros. Lumber Co., Grand Rapids, Wis.
Kellogg & Buck, flour mills, Morenci, Mich.
Kellogg, Chas. C., & Sons Co., plate glass, Utica, N. Y.
Kellogg, E. H., Co., oils & greases, 243 South, New York.
Kellogg, Fay, architect, 32 Union sq., E., New York.
Kellogg-Food Co., Battle Creek, Mich.
Kellogg, H., harness, saddles & strap wk., Hudson, Mich.
Kellogg, Harold Field, architect, 93 Federal, Boston, Mass.
Kellogg, M. W., Co., piping mfrs., 90 West, New York.
See adv index at end of book.
Kellogg, Mackey Co., heating contrs., plumbers & steamfitters' supplies, 419 W. 18th, Chicago, Ill.
Kellogg Mfg. Co., grinders, pumps, Rochester, N. Y.
Kellogg Marble Co., Carthage, Mo.
Kellogg, P. P., & Co., plain envelopes, Springfield, Mass.
Kellogg, Spencer, & Sons, linseed oil & cake mills, Buffalo, N. Y.
Kellogg Structural Steel Co., 31 Stone, Buffalo, N. Y.
Kellogg Switchboard & Supply Co., 1066 W. Adams, Chicago, Ill.
Kellogg, T. D., Lumber & Mfg. Co., carriage hubs, Antigo, Wis.
Kellogg Toasted Corn Flake Co., cereal foods, Battle Creek, Mich.
Kellogg, W. H., machsts. & fndrs., Sebewaing, Mich.
Kelloggs & Miller, linseed oil mills, Amsterdam, N. Y.
Kells Mill & Lbr. Co., Java & Provost, Brooklyn, N. Y.
Kells, W. J., Mfg. Co., auto. hoods, tanks, radiators, etc., 521 W. 45th, New York.
Kelly, A. R., architect, Story Bldg., Los Angeles, Cal.
Kelly-Atkinson Construction Co., 189 W. Madison, Chicago, Ill.
Kelly, Austin, Ink Co., printing inks, 580 Franklin, Detroit, Mich.
Kelly Auto. Co., wire wheels, 4560 W. Congress, Chicago, Ill.
Kelly Axe Mfg. Co., Charleston, W. Va.
Kelly, Benj. F., & Sons, oil & grease extractors, exhaust heads, feeders, pumps, etc., 25 Church, New York.
Kelly & Boland, contrs., Summit, N. J.
Kelly & Boland, contrs., East Orange, N. J.
Kelly Brass Wks., 226 W. Ontario, Chicago, Ill.
Kelly Bros., children's carriages, rattan furn., Gardner, Mass.
Kelly Bros., contrs., Frankfort, Ind.
Kelly Bros., contractors, Portsmouth, Ohio.
Kelly Bros., stone prod., 93 Charter Oak, Hartford, Conn.
Kelly, C., & Son, contrs., Everett, Wash.
Kelly, Christopher, brick, Fisher's av & Clinton, Olney, Philadelphia, Pa.
Kelly Co., filter pressers, Salt Lake City, Utah.
Kelly-Cohen Fdry. Co., gray iron castings, Canton, Ohio.
Kelly Constr. Co., Bryan, Ohio.
Kelly, D. B., wood handles, Lucas, Mich.
Kelly, D. L., Lumber Co., Warrenton, Ore.
Kelly-Derby Co., store trucks, steam traps, etc., People's Gas Bldg., Chicago, Ill.
Kelly Electric Machine Co., woodworking machy, 1407 West av, Buffalo, N. Y.
Kelly, F. Co., paper fasteners, Derby, Conn.
Kelly Foundry & Machine Co., 614 Ninth, Goshen, Ind.
Kelly Fdry. & Mach. Wks., Mount Gilead, Ohio.
Kelly, Frank E., architect, 390 Douglass, Brooklyn, N. Y.
Kelly, G. A., Plow Co., Longview, Tex.
Kelly Graphite Mills, 355 W. 26th, New York.
Kelly, Geo. T., contractor, Yonkers, N. Y.
Kelly, H., & Co., mill & facty. supplies, 1029 S. 3d, Minenapolis, Minn.
Kelly, H. M., architect, Broad & 5th, Columbus, Ga.
Kelly Handle Bar Co., 5017 Perkins av, N. E., Cleveland, Ohio.
Kelly Handle Co., wood, Charleston, W. Va.
Kelly, J. K., & Co., turpentine, Griffin, Fla.
Kelly, J. W., & Son, carriages, Marietta, Ohio.
Kelly, John C., & Sons, carriages, 5215 Gtn. av, Phila., Pa.
Kelly, John F., architect, P. O. Bldg., Passaic, N. J.
Kelly, John H., contractor, 1208 E. Biddle, Baltimore, Md.
Kelly, John J., contractor, Newport, R. I.
Kelly, Jno., & Son, sash, door & blind mfrs., Malone, N. Y.
Kelly & Jones Co., pipe fittings & plumbers' supplies—jobbers, 135 Water, Pittsburgh, Pa.
Kelly-Jordan Belting Co., Atlanta, Ga.
Kelly & Kelly, Inc., contrs., Long Island City, N. Y.
Kelly & Kennedy, fndrs., Oneida, N. Y.
Kelly, L. J., Mfg. Co., lifting jacks, Albany, N. Y.
Kelly, Leonard & Forrester Co., corn brooms, Ogdensburg, N. Y.
Kelly-Linehan Belting Co., 33 Minna, San Francisco, Cal.
Kelly, M. B., aluminum sheets, rods, Park Bldg., Pittsburgh, Pa.

Kelly & McLaughlin, patent leather, 93 Golden, Newark, N. J.
Kelly Machine Co., Troy, Ohio.
Kelly Mfg. Co., tubular boilers, burial vaults, etc., Bucyrus, O.
Kelly, Michael, machst. & fndr., Parkersburg, W. Va.
Kelly Mill Co., feed, Kansas City, Mo.
Kelly Nail & Door Co., Ironton, Ohio.
Kelly, Nicholas, & Son, glass molds, 1704 Wharton, Pitts., Pa.
Kelly, O. S., Co., machsts. & fndrs., Springfield, Ohio.
Kelly & Oil Mill Fertilizer Co., Opp, Ala.
Kelly, P. H., contractor, Lippincott Bldg., Philadelphia, Pa.
Kelly, Patrick, & Son, stone producers, Easton, Pa.
Kelly, R. A., Co., cordage & twine mfrs., Xenia, Ohio.
Kelly Reamer Co., Kelly reamers & boring tools, 1553 Columbus rd, Cleveland, Ohio. *See adv index at end of book.*
Kelly-Springfield Motor Truck Co., Springfield, Ohio.
Kelly-Springfield Tire Co., B'way & 57th, New York.
Kelly & Steinman, cut glassware, Deposit, N. Y.
Kelly, T. P., & Co., foundry supplies, 355 W. 26th, New York.
Kelly, Thos., & Bros., machinists, 404 S. Kelmar av, Chicago, Ill.
Kelly, Thos., & Co., horse blankets, 89 Chauncy, Boston, Mass.
Kelly, W. D., Co., contrs., Canton, Ohio.
Kelly, Wm. J., sheet metal ornaments, 446 Adelphi, Bklyn., N. Y.
Kelly's, James T., Sons, scrap iron & steel, 249 Greene, Brooklyn, N. Y.
Kelman Elec. & Mfg. Co., Los Angeles, Cal.
Kelsay, Newton, hame chains, machsts, etc., Evansville, Ind.
Kelsey, Albert, architect, Perry Bldg., Philadelphia, Pa.
Kelsey & Freeman, lumber, Toledo, Ohio.
Kelsey, Harlan P., architect, Salem, Mass.
Kelsey Htg. Co., steam & hot water contr., 103 Park av, New York.
Kelsey Heating Co., warm air furnaces, Syracuse, N. Y.
Kelsey, Horatio, handles & wagon spokes, Clinton, Conn.
Kelsey Press Co., machsts. & fndrs., Meriden, Conn.
Kelsey, W. E., & Son, lumber mfrs., North Tonawanda, N. Y.
Kelsey Wheel Co., brake drums, 1203 Military av, Detroit, Mich.
Kelsh, Hy., machst., South River, N. J.
Kelso & Co., fruit & veg. pulp rubbing machy., 559 W. Quincy, Chicago, Ill.
Kelso & Co., pianos, 955 Park av., New York.
Kelso Lbr. Co., Kelso, Wash.
Kelting, Alb. J., machst. & fndr., 459 Carroll, Brooklyn, N. Y.
Kelton's, M. M., Son, printing presses & machy., 76 S 8th, Brooklyn, N. Y.
Kelty, S. L., canned goods, Quinton, N. J.
Kelvin Engng. Co., sugar plant construction, 32 B'way, New York.
Kelwin, H. J., architect, Babylon, N. Y.
Kemco Elec. Mfg. Co., auto starters, Salem, Ohio.
Kemlein & Leahy, marble interior wk., Long Island City, N. Y.
Kemler Lbr. Co., 1168 N. Halsted, Chicago, Ill.
Kemmer, Alva E., contractor, Lafayette, Ind.
Kemmerer, C. J., contractor, Ambler, Pa.
Kemmeter, Gottlieb, brick, Jefferson, Wis.
Kemmitz, Geo. A., architect, 1107 Island av, Milwaukee, Wis.
Kemnitz, Emil, glass stainers, Memphis, Tenn.
Kemp, Alex., granite, S. Quincy, Quincy, Mass.
Kemp, C. M., Mfg. Co., fuel gas machines & burners, mfrs., Balto., Md.
Kemp, F. H., architect, Beloit, Wis.
Kempe, H. F., & Co., belt lacing, 565 Washington Blvd., Chicago, Ill.
Kemp, J. W., flour, Wynnewood, Okla.
Kemp, Jas. F., & Bro., cornices, McKeesport, Pa.
Kemp, Jas. N., Mach. Wks., Albany, N. Y.
Kemp, John F., & Co., machsts., Quincy, Mass.
Kemp, Lysander & Sons, soap, Cambridge, Mass.
Kemp Mach. Wks., Muncie, Ind.
Kemp, N. J., Co., lime and manure spreaders, Batavia, N. Y.
Kemp Rubber Co., 246 Washington, Buffalo, N. Y.
Kemp, W. H., Co., bronze powders, gold leaf, aluminum, etc., 165 Spring, New York.
Kempe, P., & Co., stone, 571 Mather, Chicago, Ill.
Kemper, B. F., architect, Marshall town, Ia.
Kemper Constr. Co., 905 Walnut, Philadelphia, Pa.
Kemper-Odee Engine Co., Albert Lea, Minn.
Kempert, A. F., brick, contractor, 245 S. Morton av, Dayton, O.
Kempert & Sherer, brick, Dayton, Ohio.
Kempf, Geo., Sons, contractors, 823 Virginia, Buffalo, N. Y.
Kempsmith Mfg. Co., milling machines, tools & vises, West Allis, Wis.
Kenan, McKay & Speir, Inc., cotton waste, Atlanta, Ga.
Kendall, Frank A., architect, 45 Bromfield, Boston, Mass.
Kendall, Hadley, & Co., sash, door & blind mfrs., Goffstown, N. H.
Kendall Heating Co., Portland, Ore.
Kendall, J. B. Co., whol. hdwe., mill & facty. supplies, 485 Missouri av, Washington, D. C.
Kendall & Little, canned goods, Copalis, Wash.
Kendall, M. K., & Co., contractors, 110 Pearl, Boston, Mass.
Kendall Mfg. Co., glycerine, soap, powder, etc., 90 Friendship, Providence, R. I.
Kendall Mfg. Co., Inc., office specialties, 79 Sudbury, Boston, Mass.
Kendall, R. C., & Co., pulleys and belt tighteners, 749 First National Bank Bldg., Chicago, Ill.
Kendall Refining Co., belt dressing, oils, etc., Bradford, Pa.
Kendall & Smith, architects, Southern Bldg., Washington, D. C.
Kendall, Taylor, & Co., architects, 93 Federal, Boston, Mass.
Kendall, William C., flour mills, Berry, Ky.
Kendall, Wm. Mitchell, architect, 101 Park av, New York.
Kenderline, T. S., & Sons, fertilizer mfrs., Newtown, Pa.
Kendrick & Brown Co., lumber mfrs., Glens Falls, N. Y.
Kendrick, Davis, Co., dynamo & motor mfrs., tools, toys, etc., Lebanon, N. H.
Kendrick, J. H. & M. B., masons & bldrs.' matls., Thomson, Ga.
Kendrick, Jas. R., Co., elastic hosiery, 125 Herman, Phila., Pa.
Kendrick Valve & Washer Co., Syracuse, N. Y.
Kenefick, Wm., contractor, Bryant Bldg., Kansas City, Mo.
Kenehan Steel Belt Fastener Co., 1252 W. 3d, N. W., Cleveland, Ohio.
Kenfield-Lamoreaux Co., lumber, packing boxes, etc., Washburn, Wis.
Kenilworth Tile Co., Newell, W. Va.
Keniston, Geo. D., & Son, handles, Rumney, N. H.
Kenker, Fred, & Sons, packing box mfrs., 3904 N. Bend rd, Cheviot, Cincinnati, Ohio.
Kenll, Andrew, Jr., contractor, 215 St. Paul, Baltimore, Md.
Kenn-Well Contracting Co., 841 B'way, New York.
Kenna, Hermann, architect, 193 Platt, Butte, Mont.
Kennard Canning Co., Kennard, Ind.
Kennard, F. H., landscape architect, 220 Devonshire, Boston, Mass.
Kennard, Francis J., architect, Tampa, Fla.
Kennard Iron Wks., fdrs., Plainfield, N. J.
Kennebunk Mfg. Co., megaphones, shoes, trees, trav. bags, suit cases, etc., Rochester, N. Y.
Kennedy Bros., contractors, Midland Bldg., Kansas City, Mo. & Youngstown, Ohio.
Kennedy Bros., sashes, doors & blinds, Sumter, S. C.
Kennedy Car Liner & Bag Co., paper shipping covers, Shelbyville, Ind.
Kennedy Co., advtg. spec., Seattle, Wash.
Kennedy Co., masons & bldrs.' matls., Montgomery, Ala.
Kennedy Co., plumbers & steam fitters' supplies, Euclid av, Cleveland, Ohio.
Kennedy & Co., stoves, Rochester, N. Y.
Kennedy, D., & Sons, woolen blankets, Monticello, Wis.
Kennedy, D. J., Co., masons & bldrs.' matls, 6366 Frankstown av, Ptg., Pa.
Kennedy, D. V., & Co., flour mills, Stanford, Ky.
Kennedy, David E., sanitary flooring & cork tile, 53 5th av, New York.
Kennedy, Ernest, architect, Essex Bldg., Minneapolis, Minn.
Kennedy & Forbes, architects, Missoula, Mont.
Kennedy & Greig, machsts., 209 2d av, Detroit, Mich.
Kennedy, H. E., Co., architects, Home Trust Bldg., Ptg., Pa.
Kennedy, J. D., & Co., masons & bldrs.' matls., Dime Bk. Bldg., Detroit, Mich.
Kennedy, J. E., pumps, 30 E. 42d, New York.
Kennedy, J. E., Co., contrs., Atlanta, Ga.
Kennedy, J. E., & Co., surgical & dental instruments, 201 E. 23d, New York.
Kennedy, J. J., masons & bldrs.' matls., Zelienople, Pa.
Kennedy, J. M., architect, Raleigh, N. C.
Kennedy, J. Sarsfield, architect, 157 Remsen, Brooklyn, N. Y.
Kennedy, Jas., contractor, Fargo, N. D.
Kennedy Jerome, masons & bldrs' matls., Dexter, Ga.
Kennedy, Jesse F., architect, Lexington, Ky.
Kennedy, Jno., & Co., contractors, 1133 B'way, New York.
Kennedy, John J., architect, Ford Bldg., Wilmington, Del.
Kennedy, Jno. W., architect, Cohokie Bldg., East St. Louis, Ill.
Kennedy, Joseph, architect, 6 N. 4th, Harrison, N. J.
Kennedy, Julian, blast furnaces, Bessemer Bldg., Pittsburgh, Pa.
Kennedy, L. J., & Sons, contractors, Port Chester, N. Y.
Kennedy-Lopez Oyster & Fish Co., canned, Biloxi, Miss.
Kennedy Mfg. Co., tool kits, 14 E. Jackson blvd, Chicago, Ill.
Kennedy, P. J., & Co., contractors, Holyoke, Mass.
Kennedy, P. W., tubular boilers, 1201 Beecher, Indianapolis, Ind.
Kennedy & Pegelow, canned goods, Williamsburg, Md.
Kennedy & Peterson Construction Co., 7 Water, Boston, Mass.
Kennedy, Ralph M., saws, 117 N. 7th, Philadelphia, Pa.
Kennedy-Stroh Corporation, castings, Pittsburgh, Pa.
Kennedy, T., machinist, Galena, Kans.
Kennedy Valve Mfg. Co., Elmira, N. Y.
Kennedy Van Saun Mfg. & Eng. Corp., crushing, mining, cement machinery, etc., 120 B'way, New York.
See adv. index at end of book.
Kennedy, W. A., Hardware Co., whol., Canton, Ohio.
Kennedy, W. P., contr., Tampa, Fla.
Kennedy, W. T., & Co., archit., Division av, Rockaway Beach, N. Y.
Kennedy Wall Cabinet Co., 4439 N. Clark, Chicago, Ill.
Kennedy, Walter, blast furnaces, Bessemer Bldg., Pittsburgh, Pa.
Kennedy-Webster Co., time switches, 536 S. Clark, Chicago, Ill.
Kennedy, Wm., Construction Co., 215 Montague, B'klyn, N. Y.
Kennedy's, P., Fdry. Co., So. Charles & Wells, Baltimore, Md.
Kennehan, P. E., Son & Co., argricultural implements, Brasher Falls, N. Y.
Kennel Food Supply Co., canned, Fairfield, Conn.
Kennelly, Jno. J., machsts., 794 10th av, New York.
Kennerly Hardware Co., Palatka, Fla.
Kennerly, S. G., hardware, whol., Gainesville, Tex.

Kennerly & Stiegmeyer, architects, Benoist Bldg., St. Louis, Mo.
Kennesaw Marble Co., Marietta, Ga.
Kenneth, W. D., architect, 258 B'way, New York.
Kennett, A. C., lumber, Conway, N. H.
Kennett Cypress & Hardwood Lumber Co., Davenport, Ia.
Kennett Engine & Boiler Wks., Kennett, Mo.
Kennett Fndry. & Mach. Co., Kennett Square, Pa.
Kenney, B. E., Lumber Co., Frankfort, Ky.
Kenney Bros., sashes, doors & blinds, Fort Smith, Ark.
Kenney Bros., stone producers, Long Eddy, N. Y.
Kenney, F. Mfg. Co., tex. machy. (mill soaps), 368 Dorchester av, Boston, Mass.
Kenney, J. R., cornices, 251 S. Wayne av, Dayton, Ohio.
Kenney, Jos. B., & Co., die stamping & electroplating, 1205 Olive, St. Louis, Mo.
Kenney Machinery Co., 124 S. Capitol av, Indianapolis, Ind.
Kenney, R. S., brick, Hebron, Ind.
Kennington Iron Wks., 414 3d av, Brooklyn, N. Y.
Kennison, H. A., architect, McKnight Bldg., Minneapolis, Minn.
Kennon, Chas. C., contractor, 715 18th, N. W., Washington, D. C.
Kenny Boiler & Mfg. Co., 6th & Locust, St. Paul, Minn.
Kenny, J. T., & Co., soap & scouring powders, St. Paul, Minn.
Kenny, Wm. F., & Co., stone producers, wkrs. & dlrs., 347 Columbia, Brooklyn, N. Y.
Kenosha Knitting Co., sweaters, cardigans, etc., Kenosha, Wis.
Kenova Hardwood Flooring Co., Kenova, W. Va.
Kenova Poplar Mfg. Co., oak flooring, Kenova, W. Va.
Kenower, John, & Sons, lumber mfrs., Huntington, Ind.
Kensington Engine Wks. Co., machsts. & fndrs., Beach & E. Berks, Philadelphia, Pa.
Kensington Hair Cloth Co., Palethorp & Somerset, Phila., Pa.
Kensington Pearl Button Co., 2d & Diamond, Philadelphia, Pa.
Kent, Amos, Lumber & Brick Co., Hammond, La.
Kent, Atwater, Mfg. Wks., auto. horns, 4937 Stenton, Philadelphia, Pa.
Kent, Charles Nelson, architect, 108 Jamaica av, New York, N. Y.
Kent, E., & Co., masons & bldrs.' matls., Clinton, Ill.
Kent, Geo. W., contractor, Arlington Heights, Mass.
Kent Iron & Steel Corp., 40 S. 8th, Brooklyn, N. Y.
Kent, J. H., architect, Dooly Bldg., Salt Lake City, Utah.
Kent, J. S. Co., lumber, Harrison Bldg., Philadelphia, Pa.
Kent Light Store, incandescent lamps, Newark, N. J.
Kent, Lindley C., Co., mill & facty. supplies, Front & Monroe, Wilmington, Del.
Kent Lubricating Co., Waukesha, Wis.
Kent Machine Co., chocolate, paint grinding & varnish makers, machinery, etc., 37 Gold, Brooklyn, N. Y.
Kent Machine Co., concrete, Kent, Ohio.
Kent Mfg. Co., woolen blankets, Clifton Heights, Pa.
Kent Mill Co., mfrs. grinding & crushing mills, 10 Rapelyea, Brooklyn, N, Y.
Kent Milling Co., flour, Kent, Ind.
Kent-Owens Machine Co., Toledo, Ohio.
Kent, Percy, Co., second hand bags, burlap, etc., 33 Pearl, New York.
Kent & Purdy Paint Co., 11th & Mullanphy, St. Louis, Mo.
Kent Vacuum Cleaner Co., Rome, N. Y.
Kent, W. W., architect, Lawrence Park, Bronxville, N. Y.
Kent, Willard, architect, Woonsocket, R. I.
Kent, Wm. P., & Co., printing & lithographic inks, 49 Rose, New York.
Kenton Carriage Co., Kenton, Ohio.
Kenton Hardware Co., iron & steel toys, Kenton, Ohio.
Kenton Marble & Granite Co., Kenton, Ohio.
Kenton Supply Co., masons & bldrs.' matls., Covington, Ky.
Kentucky Bedding Co., mattresses, Louisville, Ky.
Kentucky Bluestone Co., Freestone, Ky.
Kentucky Consumers' Oil Co., boiler compounds, Louisville, Ky.
Kentucky Culvert & Mfg. Co., Louisville, Ky.
Kentucky Distilleries & Warehouse Co., 27 William, New York.
Kentucky Electrical Co., Owensboro, Ky.
Kentucky Fertilizer Co., Louisville, Ky.
Kentucky Fire Brick Co., Portsmouth, Ohio.
Kentucky Fluor Spar Co., Marion, Ky.
Kentucky Freestone Co., stone producers, 2629 Spring Grove av, Cincinnati, Ohio.
Kentucky Lumber Co., Burnside, Ky.
Kentucky Mine Supply Co., Middlesboro, Ky.
Kentucky Portland Cement & Coal Co., Pine Hill, Ky.
Kentucky Rim & Shaft Co., Louisville, Ky.
Kentucky River Mills, cordage & twine, Frankfort, Ky. G
Kentucky River Stone & Sand Co., Lawrenceburg, Ky.
Kentucky Saw Wks., 1004 W. Main, Louisville, Ky.
Kentucky Silica Co., sand, Louisville, Ky.
Kentucky Stamping Co., rural mail boxes, fountains, lamps, etc., Louisville, Ky.
Kentucky Stove Co., Louisville, Ky.
Kentucky Tobacco Product Co., Louisville, Ky.
Kentucky Univ., engng. school & coll., Lexington, Ky.
Kentucky Veneer Wks., 13th & Magnolia, Louisville, Ky.
Kentucky Wagon Mfg. Co., carts, storage battery trucks & trailers, 3d & K, Louisville, Ky.
Kentucky Wall Plaster Co., Louisville, Ky.
Kentucky Whip & Collar Co., Eddyville, Ky.
Kenvil Lumber & Store Co., Kenvil, N. J.
Kenway, Arthur D., machy. dlr., Denver, Col.
Kenway, P. Pearl, pipe hanger, Boston, Mass.
Kenwood Bridge Co., First Nat'l Bank Bldg., Chicago, Ill.
Kenwood Heating Co., 4825 St. Lawrence, Chicago, Ill.
Kenworthy, Bros., felts, Stoughton, Mass.
Kenworthy, Chas. F., furnaces, Waterbury, Conn.
Kenyon, A. P., ship builders, Marine City, Mich.
Kenyon Canning Co., Kenyon, Minn.
Kenyon, Chas. F., mattresses, Ocean Grove, N. J.
Kenyon Co., advtg. spec., 303 Grand av, Des Moines, Iowa.
Kenyon, D. R., & Son, machsts. & fndrs., Raritan, N. J.
Kenyon, Geo. G., Lbr. Co., 601 E. Water, Syracuse, N. Y.
Kenyon, H. T., & Co., contractors, masons' & bldrs.' matls., Westerly, R. I.
Kenyon, J. J., Mfg. Co., shoe laces, Pawtucket, R. I.
Kenyon, Jas. S., contractor, Bremerton, Wash.
Kenyon Lumber Co., Sandy Hill, N. Y.
Kenyon Printing & Mfg. Co., maps, Des Moines, Iowa.
Kenyon, R. L., Co., camp furniture, Waukesha, Wis.
Kenyon & Stanley, stone producers, Bethany, Mo.
Kenyon, Wm. M., & Maine, Maurice F., architects, Metropolitan Life Bldg., Minneapolis, Minn.
Keo Shingle Co., England, Ark.
Keogh, John W., & Co., tow, 1807 S. Clark, Chicago, Ill.
Keokuk Brick & Tile Co., Keokuk, Ia.
Keokuk Canning Co., Keokuk, Ia.
Keokuk Hydraulic Tire Setter Co., Keokuk, Ia.
Keonig, D. B., & Co., garment hangers, Hazleton, Pa.
Keough Bros., contractors, 2653 Mississippi, St. Paul, Minn.
Kepler, H. A., contractor, 700 N. 12th, Kansas City, Kan.
Kepner, Arthur S., architect, Pottstown, Pa.
Kepner & Smith, architects, Frederick, Md.
Keppler Glass Constr. Co., plain & prismatic vault & sidewalk lights, 101 Park av, New York.
Kepplinger, Geo. J., floor scraping machines, Dwight, Ill.
Ker, Lloyd, Iron Wks., founders, 252 Spear, San Francisco, Cal.
Keramic Studio Pub. Co., Syracuse, N. Y.
Keratol Co., artificial leather, 348 Van Buren, Newark, N. J.
Kerbaugh Lime Co., Washington av, c. 15th, Philadelphia, Pa.
Kerber Packing Co., meat packers, Elgin, Ill.
Kerby & Bro., tailors' squares & glass cutters' rules, 51 Fulton, New York.
Kerby & Cali, architects, 470 E. Tremont av, New York.
Kerchoff-Cuzner Mill & Lbr. Co., 560 S. Main, Los Angeles, Cal.
Kerckhoff-Cuzner Lumber Co., Pasadena, Cal.
Kerens Cotton Oil Co., meal, Kerens, Tex.
Kerite Insulated Wire & Cable Co., insulated wire mfrs., 30 Church, New York.
Kerkeslager, M. W., mill soaps, 17th & Sedgley av, Phila., Pa.
Kerkow, Chas., architect, 101 Park av, New York.
Kermath Mfg. Co., marine engines, 45 Fort, E. Detroit, Mich.
Kern, A., picks, mattocks, etc., Fleetwood, Pa.
Kern Burner Co., arc & gas lamps, 217 & 125th, New York.
Kern Commercial Co., packing mfrs., 114 Liberty, New York.
Kern, Geo., meat packer, 350 W. 38th, New York.
Kern, J. B. A., & Sons, wheat flour, 31 Cherry, Milwaukee, Wis.
Kern, Jno., & Son, meat packers, Portland, Me.
Kern, S. Y., & Son, carriages, Coopersburg, Pa.
Kern & Son, mailing tubes, etc., 409 Pearl, New York.
Kern, Thos., Lumber Co., sash, door & blind, Slatington, Pa.
Kern, Wm. S., machinists, Wilkes-Barre, Pa.
Kernan, John F., mattresses, Oswego, N. Y.
Kernan, R. H., contractor, South Orange, N. J.
Kernan, W. J., & Co., contractors, 425 S. Cincinnati, Dayton, O.
Kernchen Co., ventilator mfrs and ventilating engrs., 332 S. Michigan av, Chicago, Ill.
Kernchen, J. C., vent. mfr., 105 S. Dearborn, Chicago, Ill.
Kerner Contr. Co., 405 Lexington av, New York.
Kerner, E. V., architect, Century Bldg., Pittsburgh, Pa.
Kerner Incinerator Co., 596 Clinton, Milwaukee, Wis.
Kerner, P., & Sons, contractors, Utica, N. Y.
Kerney Mfg. Co., asbestos table pads & mats, 184 W. 62nd, Chicago, Ill.
Kernochan & Co., whol. hdwe., mill, facty. & plumbers' supplies, Titusville, Pa.
Kerns & Carroll, architects, Coatesville, Pa.
Kerns, Geo. M., architect, Corn Club Bldg., Ottumwa, Iowa.
Kerns, Jas. S., & Son, contrs., Saginaw, Mich.
Kerns, John A., architect, Washington, Pa.
Kerns & Reese, flour mills, Jamestown, Ky.
Kerns, T. A., machst. & fndr., Sutherlin, Va.
Kernshaw, C. G., Contracting Co., Woodward Bldg., Birmingham, Ala.
Kerr, A. H., & Co., bottles, glass, Portland, Ore.
Kerr, Alex., & Son, contractors, Elizabeth, N. J.
Kerr Bros. Co., cornices & skylights, Coldwater, Mich.
Kerr, C. H., Co., contractors, 2565 5th av, Pittsburgh, Pa.
Kerr & Co., belt lacing & fasteners, 114 Liberty, New York.
Kerr, Gifford & Co., masons' & bldrs.' matls., Seattle, Wash.
Kerr Glass Mfg. Co., Portland, Ore.
Kerr Glass Mfg. Co., 70 Portland av, Sand Springs, Okla.
Kerr, H. L., architect, Honolulu, Hawaii.
Kerr & Ingram, sash, door & blind mfrs., Homestead, Pa.
Kerr, J. E., & Co., Annatto, 25 Beaver, New York.
Kerr, J. M., Co., wholesale hardware, Gallipolis, Ohio.
Kerr, J. T., machst. & fndr., Durham, N. C.
Kerr, L. S. D., rims, spokes, wheels, etc., wagon & carriage, Frenchtown, N. J.
Kerr Paper Mill Co., East Downingtown, Pa.

Kerr, R. J., Co., contractors, Farmers Bank Bldg., Pitts'bg., Pa.
Kerr Turbine Co., Wellsville, N. Y.
Kerrick Construction Co., 607 3d av, N. E., Minenapolis,, Minn.
Kerrihard Co., machsts. & fndrs., Red Oak, Ia.
Kerry & Hanson Flooring Co., Grayling, Mich.
Kerschamp Bros., frdrs., Sheboygan Falls, Wis.
Kershaw, John W., Co., Turkish towels, 23d & Hamilton, Philadelphia, Pa.
Kershaw, Nelson, Turkish towels, Clifton Heights, Pa.
Kershaw Oil Mill, fertilizer mfrs., Kershaw, S. C.
Kershaw, W. B., carriages, New Rochelle, N. Y.
Kershaw, W. F., lumber mfr., Marianna, Ark.
Kershner, Matthias, & Fritch, hardware, whol., Reading, Pa.
Kersten, S., heating contr., 554 W. Jackson blvd., Chicago, Ill.
Kersting, J. H., embossing dies, stencils, etc., 75 Fulton, New York.
Kertscher & Co., interior finish mfrs., Elmira, N. Y.
Kertz, Herman, architect, Com. Bldg., St. Paul, Minn.
Kerwin, Andrew J., Jr., contractor, 1133 B'way, New York.
Kerwin Mach. Co., Detroit, Mich.
Keshin, Blithstein & Co., sash, door & blind mfrs., Burroughs av, Brooklyn, N. Y.
Kesler Mfg. Co., cotton sheeting, Salisbury, N. C.
Kesler, P. W., & Co., canned goods, Roanoke, Va.
Kessel, Henry A., Co., mill & facty. supplies, 38 Pearl, New York.
Kesselman & Co., machinists, Butler, Pa.
Kessler-Barkow Saddlery Co., Atchison, Kan.
Kessler, F. M., & Son, canned goods, Buchanan, Va.
Kessler, Fred., cornices, Denver, Col.
Kessler, Geo., Contr. Co., Drexel Bldg., Philadelphia, Pa.
Kessler, Geo. E., & Co., landscape architects, Security Bldg., St. Louis, and Park Board, City Hall, Kansas City, Mo.
Kessler, J., lbr., Daggett, Mich.
Kessler, Jos. G., & Co., spelter, Knickerbocker av, Brooklyn, N. Y.
Kessler, P., & Son, canned goods, Butler, Md.
Kessler, S. E., masons' & bldrs.' matls., Columbia City, Ind.
Kessling, Edw., clinical thermometers, 96 Suydam, Bklyn., N. Y.
Kester Elec. Co., machinists, Terre Haute, Ind.
Kesti & Son, granite producers, Rocklin, Cal.
Kestler, John A., machinist, Lynchburg, Ohio.
Kestner Evaporator Co., 18th & Allegheny, Philadelphia, Pa.
Ketcham, Howard, lumber, 1160 N. 3d, Philadelphia, Pa.
Ketcham Iron Co., Fort Smith, Ark.
Ketcham & McDougall, sewing thimbles, 15 Maiden la, New York.
Ketcham & McQuade, contractors, 1029 Brown, Philadelphia, Pa.
Ketcham, O. W., front brick & terra cotta mfrs., 24 So. 7th, Philadelphia, Pa.
Ketcham, Tredwell, contractor, 424 E. 165th, New York.
Ketchen-Wilder, architects, 36 N. Main, Waterbury, Conn.
Ketcheson, J. C., pads & tablets, Leavenworth, Kan.
Ketchum, D. A. (Est.), masons' & bldrs.' matls., Middletown, N. Y.
Ketchum, W. E., architect, Littlefield Bldg., Austin, Tex.
Ketler-Elliott Erection Co., contractors, 155 N. Clark, Chicago, Ill.
Kettenhofen, N., stone prod., Manitowoc, Wis.
Ketter Buggy Co., Ironton, Ohio.
Ketter, Fred (Est. of), cooperage, Milwaukee, Wis.
Ketterlinus Lithographic Mfg. Co., advtg. novelties, 4th & Arch, Philadelphia, Pa.
Ketterman Packing Co., canned goods, Urbana, Ia.
Kettle River Co., stone producers, Plymouth Bldg., Minneapolis, Minn.
Keuffel & Esser Co., barometers, measuring rods, Hoboken, N. J.
Kevil, R. U., & Sons, flour mills, Princeton, Ky.
Kewanee Boiler Co., Kewanee, Ill.
Kewanee Mfg. Co., coal chutes & sleeping berths, Kewanee, Ill.
Kewanee Private Utilities Co., mfrs. engines, pumps, tanks, etc., Kewanee, Ill.
Kewaunee Mfg. Co., laboratory wood work, Kewaunee, Wis.
Key City Decorative Glass Wks., Dubuque, Ia.
Key City Packing Co., canned goods, Port Townsend, Wash.
Key City Roofing Co., Dubuque, Ia.
Key, E. H., sweaters, etc., Fort Hunter, N. Y.
Key-Hold Lath Co., wall boards, patent lathes, dampproofing mat'l, San Francisco, Cal.
Key, James, Brick Co., Chattanooga, Tenn.
Keyes-Davis Co., radiator brushes & waste cans, Battle Creek, Mich.
Keyes Fibre Co., wood & paper dishes, Waterville, Me.
Keyes, Henry F., architect, 78 Devonshire, Boston, Mass.
Keyes, Jas. A., machst. & fndr., 652 Hudson, New York.
Keyes, Jas. H., eyelet machs., 658 Hudson st, New York.
Keyes, L. D., contractor, Des Moines, Ia.
Keyes Products Co., artificial lumber, paper & pulp mills, veneer panels, etc., 120 Broadway, New York.
Keyes, W. H., & Co., contractors, 101 Tremont, Boston, Mass.
Keyless Auto Clock Co., 246 W. 59th, New York.
Keyless Lock Co., Indianapolis, Ind.
Keyo Bros. & Co., thermometers, Catasqua, Pa.
Keyoke Ry. Equipment Co., Monadnock Bldg., Chicago, Ill.
Keyport Dry Dock Co., Keyport, N. J.
Keys & Miller Lumber Co., sash, door & blind mfrs., Elkton, Md.
Keys Piston Ring Co., 3049 Olive, St. Louis, Mo.
Keys, T. W., contractor, La Salle, Ill.
Keys-Walker Lumber Co., lumber, Roanoke, Va.
Keyser Canning Co., Keyser, W. Va.
Keyser Clarence A., architect, 41 S. 15th, Philadelphia, Pa.
Keyser Hardware Co., Keyser, W. Va.
Keyston Bros., harness, saddles, etc., 120 2d, San Francisco, Cal.
Keystone Albumen & Paint Co., 1346 N. Marston, Phila., Pa.
Keystone Axle Works, car, 33d & A. V. R. R., Pittsburgh, Pa.
Keystone Blue Paper Co., 910 Filbert, Philadelphia, Pa.
Keystone Boiler & Fdry Co., Landisville, Pa.
Keystone Boiler Works, 163 Main, San Francisco, Cal.
Keystone Bone Fertilizer Co., 15 N. 5th, Philadelphia, Pa.
Keystone Bottle Mfg. Co., Uniontown, Pa.
Keystone Box Co., packing, 26th & Liberty av, Pittsburgh, Pa.
Keystone Box Mfg. Co., packing, 701 E. Girard av, Phila., Pa.
Keystone Brass Works, machsts. & fndrs., Erie, Pa.
Keystone Brick Co., Godfrey, E. 2d, St. Park, Philadelphia, Pa.
Keystone Bronze Co., railway & marine castings, bronze, copper & aluminum, Pittsburg, Pa.
Keystone Calendar & Printing Co., advtg. spec., Wilkes-Barre, Pa.
Keystone Chemical Co., boiler compounds, water filters, etc., 2222 N. Marshall, Philadelphia, Pa.
Keystone Clay Products Co., common brick, Greensburg, Pa.
Keystone Coal & Coke Co., Greensburg, Pa.
Keystone Construction Co., Meadville, Pa,
Keystone Contracting Co., Keystone Bldg., Pittsburg, Pa.
Keystone Cut Glass Co., Hawley, Pa.
Keystone Die Stock Co., 652 W. 47th, Chicago, Ill.
Keystone Driller Co., steam shovels, well drilling machines & deep well pumps, 8th av & 20th, Beaver Falls, Pa.
Keystone Drop Forge Wks., Chester, Pa.
Keystone Elec. Mfg. Co., switches, Cleveland, O.
Keystone Emery Mills, 4325 Paul, Philadelphia, Pa.
Keystone Equipment Co., tool holders, 1825 Walnut, Phila., Pa
Keystone Fibre Co., mill boxes, Yorklyn, Del.
Keystone Film Co., 1459 Broadway, New York.
Keystone Fire Door Co., 1231 Irwin av, Pittsburgh, Pa..
Keystone Fireproofing Co., Chester, Pa.
Keystone Flour Co., cereal foods, 1534 Ridge av, Phila., Pa.
Keystone Forging Co., Northumberland, Pa.
Keystone Fdry. Co., Pottstown, Pa.
Keystone Fndry. Supply Co., Ellicott Sq., Buffalo, N. Y.
Keystone Friction Hinge Co., Williamsport, Pa.
Keystone Furnace Construction Co., blast, Farmers' Bk. Bldg., Pittsburgh, Pa.
Keystone Gas Fixture Wks., Reading, Pa.
Keystone Glue Co., Williamsport, Pa.
Keystone Guano Co., fertilizer mfrs., Sylvester, Ga.
Keystone Hair Insulator Co., 1243 Spring Garden, Pittsburgh, Pa.
Keystone Handle Co., Corydon, Pa. & Johnsonville, Tenn.
Keystone Heating Co., Reading, Pa.
Keystone Hindley Gear Co., gears & pinions, 704 Pennsylvania Bldg., Philadelphia, Pa.
Keystone Iron & Metal Co., Bessemer Bldg., Pittsburgh, Pa.
Keystone Iron Works, Los Angeles, Cal.
Keystone Lantern Co., screw caps, etc., Tacony & Cottman, Philadelphia, Pa.
Keystone Latch Needle Co., textile machy., supplies, etc., 543 W. Lehigh av, Philadelphia, Pa.
Keystone Leather Packing Co., 38-40 Market, Auburn, N. Y.
Keystone Lime Co., Charleston, S. C.
Keystone Lubricating Co., Philadelphia, Pa.
Keystone Lumber Co., sash, door & blind mfrs., Tacoma, Wash.
Keystone Lumber Co., Williamsport, Pa.
Keystone Machine Co., agrl. implmt. mfrs., York, Pa.
Keystone Mach. Co., jigs & fixtures, 206 Commercial, Rochester, N. Y.
Keystone Mach. Wks., Sunbury, Pa.
Keystone Mfg. Co., machsts., Buffalo, N. Y.
Keystone Mills Co., lumber, Waukegan, Tex.
Keystone Minerals Co., rotten stone, iron & steel fillers, etc., 41 Union Sq., New York. *See adv. index at end of book.*
Keystone Motor Mfg. Co., East Greenville, Pa.
Keystone Oil & Mfg. Co., 111 N. Market, Chicago, Ill.
Keystone Ornamental Iron & Bronze Wks., 830 Howard, San Francisco, Cal.
Keystone Ornamental Iron Co., Homestead, Pa.
Keystone Paint & Filler Co., Muncy, Pa.
Keystone Paint & Oil Co., lubricating, Columbus, Ohio.
Keystone Paper Mills Co., Upper Darby, Pa.
Keystone Pipe & Supply Co., Butler, Pa.
Keystone Planing Mill, sash, door & blind, Lancaster, Pa.
Keystone Plaster Co., Chester, Pa.
Keystone Pottery Co., Trenton, N. J.
Keystone Printed Specialties Co., trading stamps, 327 Pear Scranton, Pa.
Keystone Roofing Mfg. Co., York, Pa.
Keystone Rubber Mfg. Co., mechanical & packing rubber goods, Erie, Pa.
Keystone Screw Co., 17th & Lehigh, Philadelphia, Pa.
Keystone Seal & Press Co., meter seals, 30 Main, New York.
Keystone Slate Co., roofing slate, Philadelphia, Pa.
Keystone Spring Wks., machsts., 13th & Buttonwood, Philadelphia, Pa.
Keystone State Constr. Co., Penna Bldg., Philadelphia, Pa.
Keystone Steel Casting Co., fndrs., Chester, Pa.
Keystone Steel Co., floor plates & stair treads, Warren, Pa.
Keystone Steel & Wire Co., Peoria, Ill.

Keystone Stoker Co., mechl. stokers, Greenfield, Mass. & 30 Church, New York.
Keystone Stone & Lime Co., Paxtang, Pa.
Keystone Stove Fdry., Spring City, Pa.
Keystone Structural Co., steel structural work, Royersford, Pa.
Keystone Supply & Mfg. Co., plumbers' supplies, jobbers, 917 N. 9th, Philadelphia, Pa.
Keystone Tag Co., West Chester, Pa.
Keystone Tube Wks., Connellsville, Pa.
Keystone Type Fdry., 9th & Spruce, Philadelphia, Pa.
Keystone Underwear Co., sweaters, Lititz, Pa.
Keystone Varnish Co., 71 Otsego, Brooklyn, N. Y.
Keystone Vehicle Co., auto. metal bodies, Reading, Pa.
Keystone Watch Case Co., 1411 Walnut, Philadelphia, Pa.
Keystone Wire Matting Co., Beaver Falls, Pa.
Keysville Plow Works, Machsts. & fndrs., Keysville, Va.
K. G. Welding & Cutting Co., 556 W. 34th, New York. *See adv. index at end of book.*
Khalizog Silk Co., silk thread, 91 5th av, New York.
Khin Trunk & Bag Co., 215 Bergen, Newark, N. J.
Khourn, Amin N., portables elect., New York, N. Y.
K-H Sign Co., elec., Aiken av, & P. R. R., Pittsburgh, Pa.
Kiamensi Clay Co., clay, miners & shippers, Newport, Del.
Kiamensi Woolen Co., blankets, Stanton, Del.
Kibbee, A. S., & Son, lumber mfrs., Albany, N. Y.
Kibele, Cuno, architect, Muncie, Ind.
Kibler, Fred W., masons & bldrs.' matls., Mount Orab, Ohio.
Kicharo, W. F., & Co., contractors, Des Moines, Ia.
Kickapoo Sand & Gravel Co., Attica, Ind.
Kidd & Ashly, architects, Charlottesville, Va.
Kidd Cap. Jos., & Son, naval architects, Duluth, Minn.
Kidd Drawn Steel Co., Aliquippa, Pa.
Kidd, Mrs. E. G., Inc., pickles, Richmond, Va.
Kidd, Franklyn J., archit., 110 Franklin, Buffalo, N. Y.
Kidd. Jos., & Son, naval architects, Palladio Bldg., Duluth, Minn.
Kidd, Russ, Trunk & Bag Co., Shreveport, La.
Kidd, William A., architect, Chamber of Commerce, Buffalo, N. Y.
Kidde, Walter & Co., Inc., contrs., 140 Cedar, New York.
Kidder & Craig, pruning shears, Rumney, N. H.
Kidder, J. F., Mfg. Co., cutting & punching machy., Burlington, Vt.
Kidder, Oswald, Co., dies, Fifth & Norwood, Dayton, Ohio.
Kidder Press Co., machsts. & fndrs., Dover, N. H.
Kidder, R. E., Co., woodworking & special machinery, pattern & model making & envelope cutting presses, Worcester, Mass.
Kidder, R. E., Flour Mills, Kansas City, Mo.
Kiddie, Richard H., machinist, Kinseman, Ohio.
Kidds, Alex., Son, cornices, York, Pa.
Kidney, Geo., packing box mfrs., 7 Walker, New York.
Kidney, Jas., Co., auto. wood bodies, 429 E. 2d, Cincinnati, O.
Kiechler Mfg. Co., exhaust & blow piping, etc., Wade & Denman, Cincinnati, Ohio.
Kieckhefer, A., Elevator Co., St. Paul av, Milwaukee, Wis.
Kieckhefer Box Co., 16th, Viaduct, Milwaukee, Wis.
Kiefer, Albert, architect, Jefferson Bldg., Peoria, Ill.
Kiefer Bros. Cut Glass Co., 4 Ralph av, Brooklyn, N. Y.
Kiefer, Edgar S., Fanning Co., 216 W. Lake, Chicago, Ill.
Kiefer, Karl, Machine Co., bottlers' machinery, 919 Martin, Cincinnati, Ohio.
Kiefer, W. L., iron, Reading, Pa.
Kieff, D. D., architect, 335 Sterling, Watertown, N. Y.
Kieffer Bros., cooking apparatus, steam fittters' supplies, Syracuse, N. Y.
Kieffer Paper Co., Brownstown & Ewing, Ind.
Kieft, Chas., architect, 9 Pike pl Middletown, Conn.
Kiehm, Chas., architect, Gardner Bldg., Utica, N. Y.
Kiehnel & Elliott, architects, Keenan Bldg., Pittsburgh, Pa.
Kiel & Daues Bricklaying & Contracting Co., 2621 Clark av, St. Louis, Mo.
Kiel, J. F., machsts. & brass frdrs., Wayland, N. Y.
Kiel Machine Co., Kiel, Wis.
Kiel Mfg. Co., washing machines, Albert Lea, Minn.
Kieley & Gleason, contrs., Northampton, Mass.
Kieley & Mueller, valves, traps, separators, regulators, etc., 34 W. 13th, New York.
Kienle & Co., printing inks, 109 S. 5th, Brooklyn, N. Y.
Kientz, John, stone producers, 464 W. State, Columbus, Ohio.
Kienzie-Merrick Mfg. Co., bank & office railings, 12-14 S. 3d, Minneapolis, Minn.
Kienzie, Wm. F., hdwe. mfrs., plating wks., etc., 4855 N. Paulina, Chicago, Ill.
Kier, A. H., plate glass, Paterson, N. J.
Kier Fire Brick Co., Oliver Bldg., Pittsburgh, Pa. *See adv index at end of book.*
Kies, Wolfgang, stone, 3310 Vliet, Milwaukee, Wis.
Kiesler, Jos. F., Co., machsts., N. Sangamon & W. Huron, Chicago, Ill.
Kiesling, Homer, architect, 7 Water, Boston, Mass.
Kiesslich, Ed. R., contractor, Sherman blvd & Wright, Milwaukee, Wis.
Kieswetter, Jos. F., vacuum cleaners, Toledo, Ohio.
Kiewert, Chas. L., Co., brewers' & machy. supplies, 114 Huron, Milwaukee, Wis.
Kift Milling Co., flour, Sunbury, Pa.
Kilberer, F., & Son, contrs., Niagara Falls, N. Y.
Kilborn Bros., confetti, New Haven, Conn.
Kilborn & Bishop Co., hdwe. mfrs., New Haven, Conn.
Kilborn, Sauer Co., auto lamps, Fairfield, Conn.
Kilbourn, R. A., lumber mfrs., Harrisville, N. Y.
Kilbourne & Clark Mfg. Co., wireless instruments, Seattle, Wash.
Kilbourne & Jacobs Mfg. Co., agricultural implements, cars, trucks, etc., Columbus, Ohio.
Kilbourne, M., & Co., machy. dlrs., 24 W. Mound, Columbus, O.
Kilbourne Mfg. Corpn., knitting machy., New Brunswick, N. J.
Kilburn, Edw., machinist, Spring Valley, Minn.
Kilburn, Lincoln, Machine Co., Fall River, Mass.
Kilby Car & Foundry Co., Anniston, Ala.
Kilby Frog & Switch Co., Birmingham, Ala.
Kilby Mfg. Co., sugar & wire & nail machy., etc., Cleveland, O.
Kildust Co., sweeping compounds, Rome, Ga.
Kile Mfg. Co., machinists & founders, Akron, Ohio.
Kile & Morgan Co., lbr., R. I. H. Tr. Bldg., Providence, R. I.
Kileen, Thos., & Co., contrs., Duluth, Minn.
Kiley, Jas. A., carriages, Somerville, Mass.
Kiley, Thos. W., & Co., whol. hdwe., mill & facty. supplies, 57 Grand, Brooklyn, N. Y.
Kilgen, Geo., & Sons, organs, 3825 Laclede av, St. Louis, Mo.
Kilgore, L. W., contractor, Canton, Ohio.
Kilgore Mfg. Co., iron toys, Homestead, Pa.
Kilgore, W. B, contractor, 1272 W. North av, Chicago, Ill.
Kilgus, Fred, contractor, 13 S. 6th, Newark, N. J.
Kilgus, Jacob, contr., Pottsville, Pa.
Kilham & Hopkins, architects, 9 Park, Boston, Mass.
Killam, Chas., W., architect, Harvard University, Cambridge, Mass.
Killam, O. W. & W. T., flour, Grove, Okla.
Killark Elec. Mfg. Co., enclosed fuses, 22d & Washington, St. Louis, Mo.
Killeen's Foundry & Iron Works, 774 S. Liberty, New Orleans, La.
Killefer Mfg. Co., agricultural implements, 2209 Santa Fe, Los Angeles, Cal.
Killen-Strait Mfg. Co., traction engines, machsts., Appleton, Wis.
Killen, W. N., packing box, Cato, Wis.
Killgreen, J. G., contractor, Lewis Bldg., Portland, Ore.
Killiam, Charles F., archit., 51 Avon Hill, North Cambridge, Mass.
Killian, A., architect, Owensboro, Ky.
Killian, D., & Son, fertilizer mfrs., Collinsville, Ala.
Killian Fire Brick Corp., Killian, S. C.
Killian Lumber Co., Valdosta, Ga.
Killion Rubber Co., 26 Clayton, Boston, Mass.
Killman & Challe, masons' & bldrs.' matls., Green Bay, Wis.
Killoch, David, Co., elec. lights (desk), 57 Murray, New York.
Killorin Contracting Co., Wakefield, Mass.
Killough, Robt., contractor, Wayne & Dunae, Philadelphia, Pa.
Kilmer, M. D., & Co., ties, bale, 6001 Quinby, Cleveland, Ohio.
Kilmer, Roy, architect, Greenville, Tex.
Kilo Elec. Meter Co., 10th & Canal, Indianapolis, Ind.
Kilpatrick, A., & Sons Fndry. Co., Carrie & Bulwer av, St. Louis, Mo.
Kilpatrick Bros., contractors, Beatrice, Neb.
Kilpatrick Bros. & Collins Contracting Co., Beatrice, Neb.
Kilpatrick, S. F., lumber manufacturer, Carrolton, Ala.
Kilroy, Wm. E., Co., contractors, Pawtucket, R. I.
Kilthan, Gustave, architect, Tuckahoe, & 1 Neptune Island, New Rochelle, N. Y.
Kilty, Jno. J., masons' & bldrs.' matls., Stillwater, Minn.
Kim, Geo. A., & Co., plate glass, 318 1st av, Pittsburgh, Pa.
Kimball, A., Co., pin tickets, 307 B'way, New York.
Kimball, A. M., & Son, machy. dlrs., Pine River, Wis.
Kimball, Allen, Holmes, archit., 129 E. 7th, Ames, Iowa.
Kimball, B. F., & Co., patent leather, Woburn, Mass.
Kimball Bros. Co., carriages, 112 Sudbury, Boston, Mass.
Kimball Bros. Co., elevators, P. O. Box 154, Council Bluffs, Ia.
Kimball Bros. & Sprague, machy. dlrs., Brockton, Mass.
Kimball, C. E., & Son, dumb waiters, 178 High, Boston, Mass.
Kimball, C. J., Co., oil cloth knives, Bennington, N. H.
Kimball, C. M., Co., metal polish, Winthrop, Mass.
Kimball, C. P., & Co., autos. & wood & metal bodies, 3900 S. Michigan av, Chicago, Ill.
Kimball Carriage Co., Manchester, N. H.
Kimball & Chapell Co., machsts. & fndrs., 2834 Loomis, Chicago, Ill.
Kimball-Clark Co., lbr., Oshkosh, Wis.
Kimball & Colwell Co., meat packers, 461 Washington, Providence, R. I.
Kimball & Combe Co., granite, 96 Westminster, Providence, R. I.
Kimball-Dietrich Hardware Co., gas ovens, Elgin, Ill.
Kimball, E. D., & Co., whol. hdwe., 159 N. Market, Chicago, Ill.
Kimball, E. P., & Son, masons' & bldrs.' matls., Troy, N. H.
Kimball-Eisenberg Co., plumbers' supp.—jobbers, Detroit, Mich.
Kimball Elec. Lamp Co., 42 E. 23d, New York.
Kimball, F. J., Co., engineers, 1860 E. 15th, Los Angeles, Cal.
Kimball, Francis H., theatre arch's, 71 B'way, New York.
Kimball, Geo. E., masons' & bldrs.' matls., Hingham, Mass.
Kimball, H. M., architect, 358 Harper av, Los Angeles, Cal.
Kimball, Herbert S., paper & pulp mill architect, 75 State, Boston, Mass.
Kimball, Harry Smith, architect, 113 Orchard, Elizabeth, N. J.
Kimball & Kopcke, lumber, Knoxville, Tenn.

Kimball, L. S., loom pickers, Lowell, Mass.
Kimball Lbr. Co., Ry. Exch. Bldg., St. Louis, Mo.
Kimball Lbr. & Mfg. Co., Laark, La.
Kimball & Prince Lumber Co., Vineland, N. J.
Kimball & Roosa, architects, 71 B'way, New York.
Kimball, Smallman & Frazee Organ Co., 101 B'way, Ext., Boston, Mass.
Kimball & Son, lumber mfrs., Harrisville, N. Y.
Kimball, Thos. R., architect, World-Herald Bldg., Omaha, Neb.
Kimball Tire Case Co., Council Bluffs, Ia.
Kimball, Tyler Co., wood kegs & tanks, 261 S. 8th, Balto., Md.
Kimball-Upson Co., sporting gds. & auto accessories, Sacramento, Cal.
Kimball, W. A., architect, 114 Howard, Lawrence, Mass.
Kimball, W. W., Co., pianos, organs, 304 S. Wabash av, Chicago, Ill.
Kimball, Wm. H., lbr., Stratford, N. H.
Kimball's, S. G., Son, brass founders, Newburgh, N. Y.
Kimbel, A., & Son, interior hardwood wk., 12 W. 40th, New York.
Kimbell, S. S., Brick Co., 133 W. Washington, Chicago, Ill.
Kimber, G. A., machinist, 1326 N. Hamlin, Chicago, Ill.
Kimberlin, C. W., architect, Owensboro, Ky.
Kimberly, C. B., Co., engineers & contrs., Wheeling, W. Va.
Kimberly-Clark Co., paper & pulp mills, Neenah, Wis.
Kimble Elec. Co., elec. disc fans & motors, 634 N. Western, Chicago, Ill.
Kimble, G. A., & Bro., canned goods, Abington, Md.
Kimble Glass Co., tubing, vials, 402 W. Randolph, Chicago, Ill.
Kimble, Walter S., contr., Williamsport, Pa.
Kimbrough Hardware Co., Muncie, Ind.
Kimes, J. B., & Co., slate burial cases, 24th & Callowhill, Philadelphia, Pa.
Kimmel, J. W., lumber, Bluffton, Ohio.
Kimmey, Frank M., contractor, 1007 W. Onondaga, Syracuse, N. Y.
Kimpton, Edw., Co., stationers' specialties, 60 John, New York.
Kimsley Mfg. Co., steam whistles, 42 South & R. R., Bridgeport, Conn.
Kincade, C. C., & Co., lumber, Spickard, Mo.
Kincaid Bros., boiler injectors, 211 Water, Pittsburgh, Pa.
Kincaid, Geo. F., architect, Hearst Bldg., San Francisco, Cal.
Kincaid Mfg. Co., towels, tickings, Griffin, Ga.
Kind & Landesmann, gelatine mfrs., Camden, N. J.
Kindel Bedding & Renovating Co., Denver, Colo.
Kinder, Paul P., contractor, Fort Wayne, Ind.
Kinderhook Knitting Co., knitted gloves, Kinderhook, N. Y.
Kindler & Collins, pianos, 520 W. 48th, New York.
Kindling Machine Co., street flushing machines, Milwaukee, Wis.
Kinemacolor Co. of Am., films, 1600 B'way, New York.
Kinetic Elec. Co., machsts., 16 S. Schell, Philadelphia, Pa.
Kinetic Elec. Co., storage batteries, Norfolk, Va.
Kinetic Engng. Co., organ blowers, 60th & Baltimore av, Philadelphia, Pa.
King, A. R., Mfg. Co., automobile bldrs., Kingston, N. Y.
King & Andrews Co., founders, Chicago Heights, Ill.
King, Beverly S., architect, 103 Park av, New York.
King Bridge Co., Cleveland, Ohio.
King Bronze & Aluminum Fdry. Co., Cleveland, Ohio.
King Bros, brick, Colchester, Ill.
King Bros., cornices, Danville, Ill.
King Buggy Co., carriages, Oxford, N. C.
King, C. Volney, masons' & bldrs.' matls., 517 West, New York.
King, C. W., lumber, Bowdon, Ga.
King Cereal & Mfg. Co., 559 W. Rand., Chicago, Ill.
King, Chas. S., masons' & bldrs.' matls., Dayton, Ohio.
King, Chas. T., & Co., htg. contrs., 523 N. Charles, Balto., Md.
King, Clarence W., architect, 1st Nat'l Bk. Bldg., Shreveport, La.
King Coil & Mfg. Co., 1011 Power av, Cleveland, Ohio.
King Construction Co., greenhouse bldrs., North Tonawanda, N. Y.
King Construction Co., Knoxville, Tenn.
King Contracting Co., 113 State, Boston, Mass.
King Cork & Seal Co., 8th & Fayette, Baltimore, Md.
King Counter Co., Salem, Mass.
King & Dexter Co., mill & facty. supplies, plate glass & whol. hdwe., Portland, Me.
King Drill Mfg. Co., Nebraska City, Neb.
King Elec. Co., telephone & apparatus, Canton, Ohio.
King Elec. & Mfg. Co., lifting magnets, 1011 Power av, Cleveland, Ohio.
King, E. & F., Co., aniline colors, 367 Atlantic av, Boston, Mass.
King & Estridge, contractors, Bedford, Ind.
King, F. E., Co., heating contrs., Norfolk, Va.
King Fifth Wheel Co., 5027 Beaumont av, Philadelphia, Pa.
King-Fisher Mattress Co., Portland, Ore.
King Folding Canvas Boat Co., Kalamazoo, Mich.
King Foundry Co., St. Joseph, Mo.
King, Geo. M., Construction Co., Des Moines, Ia.
King, Geo. R., contractor, Duluth, Minn.
King, Geo. S., architect, 746 Euclid av, Cleveland, Ohio.
King & Gerber Co., machinists, Paterson, N. J.
King, Graham, architect, South Orange, N. J.
King, Graham, architect, 50 Church, New York.
King, Guy, & Co., architects, 1513 Walnut, Philadelphia, Pa.
King, H. B., Sales Agency, steel rails, etc., 244 California, San Francisco, Cal.
King, H. C., Lumber Co., Marion, Ohio.
King, H. G., architect, Buhl Bldg., Detroit, Minn.
King, H. P., Foundry & Machine Works, Osgood, Ind.
King, H. R., heating contr., 617 10th, N. E., Washington, D. C.
King & Hamilton Co., agricultural implements, farm trucks, etc., Ottawa, Ill.
King Hardware Co., Atlanta, Ga.
King, Henry J., architect, 9 Clinton, Newark, N. J.
King, Hugh D., contractor, Bloomfield, N. J.
King Investment & Lumber Co., Pueblo, Colo.
King Iron Wks., 226 Ohio, Buffalo, N. Y.
King, J. B., & Co., wall plaster mfrs., etc., 17 State, New York.
King, J. M., architect, Ashland, Ky.
King, John, machsts., Oakland, Me.
King, Jno. F., architect, Bank blk., Fort Wayne, Ind.
King, John F., Jr., architect, Central Nat. Bk. Bldg., Peoria, Ill.
King, John J., architect, 1600 Morningside av, Pittsburgh, Pa.
King, John P., Mfg. Co., cotton sheeting, Augusta, Ga.
King, Jno. V., architect, 9 Clinton, Newark, N. J.
King, Jos., brick, Eliot, Me.
King, Jos., Mfg. Co., hdwe. mfrs., Troy, N. Y.
King, Julius, Optical Co., goggle mfrs., 10 Maiden la, New York.
King Klip Co., finger nail clippers & cigar cutters, 1328 B'way, New York.
King, L. D., lumber, Audrey, Ore.
King Level Works, Brighton, Mich.
King Light Co., machsts., Peoria, Ill.
King Lumber Co., Charlottesville, Va.
King Lumber & Mfg. Co., Nocatee, Fla.
King, M. D., Milling Co., flour, Pittsfield, Ill.
King Mach. & Mfg. Co., Los Angeles, Cal.
King Machine Shop, machinist, Lewiston, Me.
King Machine Tool Co., Clifton & B. & O. S. W. R. R., Cincinnati, Ohio.
King, Mantel & Furn. Co., masons & bldrs.' matls., Knoxville, Tenn.
King Mfg. Co., bags & bagging, Front & Main, Cincinnati, Ohio.
King Mfg. Co., emery grinders, Piqua, Ohio.
King Mfg. Co., radiator brushes, Newark, N. J.
King Milling Co., buckwheat flour, Lowell, Mich.
King Motor Car Co., Jefferson & Concord av, Detroit, Mich.
King, Murry S., architect, Orlando, Fla.
King, O. P., machinist, Wrens, Ga.
King Oxygen Co., Hoboken, N. J.
King Paint Mfg. Co., varnish, iron & steel fillers, 449 Kent av, Brooklyn, N. Y.
King Paper Co., Kalamazoo, Mich.
King, Patrick J., sash, door & blind mfr., N. Crawford av & Bloomingdale, Chicago, Ill.
King Piano Co., 288 S. La Salle, Chicago, Ill.
King Powder Co., 1st Nat. Bank Bldg., Cincinnati, Ohio.
King, R. C., agricultural implements, Carlisle, Ky.
King, R. M., Lumber Co., Lebanon, Fla.
King Refining Co., asphalt, 58 Sutter, San Francisco, Cal.
King, Robt., contractor, Youngstown, Ohio.
King-Ryder Lumber Co., Bonami, La.
King Sash, Door & Lumber Co., Spokane, Wash.
King Sewing Mach. Co., Buffalo, N. Y.
King Spec. Co., sealing machs., Detroit, Mich.
King Stove & Range Co., Sheffield, Ala.
King & Taylor, architects, Cons. Realty Bldg., Los Angeles, Cal.
King-Trailer Co., truck trailers, Ann Arbor, Mich.
King Ventilating Co., Owatonna, Minn.
King, W. F., & Co., contractors, Duluth, Minn.
King, W. H., machinist, Coshocton, Ohio.
King, W. H., masons & bldrs.' matls., Geneva, Ohio.
King, W. H., scrap rubber, 149 S. Hancock, Philadelphia, Pa.
King, W. H., & Co., brick, Rockford, Ohio.
King, W. O., & Co., lumber, 2453 Loomis, Chicago, Ill.
King, W. P., & Son, canned goods, Peach Bottom, Pa.
King, Walter, architect, Stockton, Cal.
King, Walter E., Co., plumbers' supplies, jobbers, 115 W. 3d, Cincinnati, Ohio.
King, Wm. H., paint mfrs., 124 Greene, Brooklyn, N. Y.
King, Wm. H., Jr., architect, House Bldg., Ptg., Pa.
King, Wm. P., metal nov. & spec., Syracuse, N. Y.
King & Winge Ship Yard, bldrs., Seattle, Wash.
Kingan & Co., Ltd., canned meats, W. End, Maryland & Blackport, Indianapolis, Ind.
Kingan Provision Co., meat packers, 626 W. 35th, New York, & Callowhill & 8th, Philadelphia, Pa.
Kingery Mfg. Co., peanut roasting machines, 420 E. Pearl, Cincinnati, Ohio.
Kingfisher Mill & Elevator Co., flour, Kingfisher, Okla.
Kingham, R. L., machst., Enid, Okla.
Kinghorn, Alex., contractor, Reliance Bldg., Kansas City, Mo.
Kingler, C. P., brick, Paulding, Ohio.
Kingman & Co., fanning mills, Peoria, Ill.
Kingman, E. B., Co., celluloid combs, Leominster, Mass.
Kingman Plow Co., Peoria, Ill.
Kings County Iron Fdry. (Inc.), sash weights, Garden & Meserole, Brooklyn, N. Y.
Kings County Packing Co., canned goods, Armona, Cal.
Kings County Rich Cut Glass Wks., 174 N. 4th, Brooklyn, N. Y.

Kings Creek Quarry Co., stone producers, New Cumberland, W. Va.
King's Crown Plaster Co., Cedar Rapids, Ia.
Kings Mountain Cotton Oil Co., Kings Mountain, N. C.
Kingsbridge Iron Works, 405 E. 99th, New York.
Kingsbury, A. W., stone producers, Stafford Springs, Conn.
Kingsbury Constr. Co., Hudson Falls, N. Y.
Kingsbury & Davis Machine Co., South Coventry, Conn.
Kingsford Foundry & Machine Works, engines, boilers & pumps, Oswego, N. Y.
Kingsley Bros., shoe pegs, Salisbury Center, N. Y.
Kingsley Chas. E., contractor, St. Joseph, Mich.
Kingsley, George S., architect, 109 N. Dearborn, Chicago, Ill.
Kingsley, H. B., lubricating oils, 325 St. Clair av, N. W., Cleveland, Ohio.
Kingsley, L. J., Co., whol. hdwe., Binghamton, N. Y.
Kingsley & Maxwell, contractors, Yonkers, N. Y.
Kingsley Paper Co., 321 St. Clair av, N. W., Cleveland, Ohio.
Kingsley, W. M., architect, Syracuse, Ind.
Kingsley & Wescott, contractors, Scranton, Pa.
Kingsport Brick Corp., Johnson City, Tenn.
Kingsport Reduction Co., wood products, Kingport, Tenn.
Kingston & Campbell, contrs., Poughkeepsie, N. Y.
Kingston Fdry. Co., Kingston, N. Y.
Kingston Granite Co., Newport, Vt.
Kingston Granite Tub Wks., artificial stone laundry tubs, Kingston, N. Y.
Kingston, J. B., & Co., flour mills, Shelbyville, Tenn.
Kingston, Jno., soap, 300 N. Beacon, Boston, Mass.
Kingston, John P., & Son, architects, 518 Main, Worcester, Mass.
Kingston Knitting Co., sweaters, etc., 37 Kingston, Boston, Mass.
Kingston Lumber Co., Kingston, La.
Kinkston Machine & Fdry. Co., 82 Prince, Kingston, N. Y.
Kingston Spoke Mfg. Co., Kingston, Ark.
Kingston's, Paper Co., Inc., Little Falls, N. Y.
Kingsville Lumber Co., Kingsville, Tex.
Kingsway Drain Tile Co., Kingsway, Ohio.
Kingwell, L., brass & bronze castings, 450 Natona, San Francisco, Cal.
Kinkead Mfg. Co., apparatus for aligning & leveling shafting, 45 High, Boston, Mass.
Kinkel's, P. H., Sons, miners feldspar, Bedford, N. Y.
Kinkerter & Sheppard Co., mill & facty. supplies, 4669 Frankford, Philadelphia, Pa.
Kinnard-Haines Co., agricultural implements, 44th av, N. & Bryant, Minneapolis, Minn.
Kinne, Linn, architect, Mayro Bldg., Utica, N. Y.
Kinne Mfg. Co., stoves, 1401 Central av, Minneapolis, Minn.
Kinne, W. A., fndrs., New Britain, Conn.
Kinnear & Gager Mfg. Co., metal ceilings, etc., Columbus, Ohio.
Kinnear Mfg. Co., fireproofing & steel rolling doors & shutters, Columbus, Ohio.
Kinnel, Philip H., cleavers, Columbus, Ohio.
Kinney, A. C., contractor, Norwalk, Ohio.
Kinney, F., tubular boilers, Oakdale, Pa.
Kinney, F. W., architect, Plymouth Bldg., Minneapolis, Minn.
Kinney Lumber Co., Orrville, Ohio.
Kinney Mfg. Co., road oiler, tar pumps, 3529 Washington, Boston, Mass.
Kinney, Myron, & Son, masons & bldrs.' matls., Putnam, Conn.
Kinney, R. W., Co., plumbers' supplies, jobbers, San Francisco, Cal.
Kinney-Rome Co., spring beds, 3617 S. Racine av, Chicago, Ill.
Kinnison Bros., steam fitters' supplies, Dallas, Tex.
Kinockon Apparatus Corp., moving picture machines, Bridgeton, N. J.
Kinsella Varnish Co., Springfield, Ill.
Kinsella, Walter A., Co., tennis rackets, 304 Madison av, New York.
Kinsey, E. A., Co., contrs. tools, mill & facty. supplies, 331 W. 4th, Cincinnati, Ohio.
Kinsey, Howard P., cornices, Easton, Pa.
Kinsey & Johnson, paint mfrs.' color cards, 230 Pearl, Cincinnati, Ohio.
Kinsey & Mahler Co., machsts. & fndrs., mill, facty. & plumbers' supplies, Peoria, Ill.
Kinsey, Wm. A., steel structural wk., 192 Market, Newark, N. J.
Kinsila, Ed. B., architect, 228 W. 42d, New York.
Kinsler-Bennett Co., universal joints, Hartford, Conn.
Kinsler, John, & Son, contractors, Marion, Ohio.
Kinsley, John R., fndrs., 115 E. 6th, Cincinnati, Ohio.
Kinsman & Wagner, carriages, Calumet, Mich.
Kinston Iron & Mantel Wks., sashes, doors, blinds, etc., Kinston, N. C.
Kinter, F. D., masons' & bldrs.' matls., Athens, Pa.
Kintz, P. C., & Sons, contractors, Terre Haute, Ind.
Kintzing, Lester, architect, Grand Central Terminal, New York.
Kinum, Henry, contractor, Schenectady, N. Y.
Kinyon, E. H., masons' & bldrs.' matls., Quincy, Mich.
Kinyon, Willis, machst., Amber, N. Y.
Kinzie, T. D., canned goods, Troutville, Va.
Kipp, A. B., & Co., masons' & bldrs.' matls., Minonk, Ill.
Kipp, B. A., & Co., lumber, 818 W. 6th, Cincinnati, Ohio.
Kipp Engine Works, machinists, Ossining, N. Y.
Kipp, John, contractor, Lorain, Ohio.
Kipp, Ralph P., freight elevators, Ossining, N. Y.
Kipp, S. C., Jr., & Son, damper & pressure regulators, Ossining, N. Y.
Kipp, W. A., fndr., Bronson, Mich.
Kirby, C. K., Jr., architect, 525 Forthcamp, Fresno, Cal.
Kirby Canning Co., Trappe, Md.
Kirby, Clement, S., architect, 757 E. 6th, Erie, Pa.
Kirby, Edgar L., architect, 169 W. Tremont av, New York.
Kirby, Edmund B., metallurgical engrs., Security Bldg., St. Louis, Mo.
Kirby, G. J., Co., optical goods, Willimantic, Conn.
Kirby & Gallop, canned goods, Oxford, Md.
Kirby, Geo., Jr., Paint Co., Gloucester & New Bedford, Mass.
Kirby, Henry, & Petit, J. J., architects, 103 Park av, New York.
Kirby Lumber Co., Houston, Tex.
Kirby Mfg. Co., machsts. & fndrs., Middletown, Conn.
Kirby & Naber, cornices & skylights, Springfield, Mo.
Kirby Planing Mill Co., Thomasville, Ga.
Kirby, Thos. H., & Sons, ship bldrs., St. Michaels, Md.
Kirby, Walter B., architect, 527 5th av, New York.
Kirby-Wood Lumber Co., Muncie, Ind.
Kirchberger, M., & Co., glass shades, gas burner tips, 116 E. 27th, New York.
Kirchheimer Bros. Co., paper bags, 433 W. Ohio, Chicago, Ill.
Kirchhof, Frank, Lumber Co., contractor, 7th & Lawrence, Denver, Colo.
Kirchhoff Piano Co., 250 E. 139th, New York.
Kirchner, A. H., architect, Dooly Bldg., Salt Lake City, Utah.
Kirchner Constr. Co., 221 W. 9th, Cincinnati, Ohio.
Kirchner, H. Wm., architect, International Life Bldg., St. Louis, Mo.
Kirchner Iron & Wire Co., 1149 Norwood rd, Cleveland, O.
Kirchoff, A. G. J., contractor, New Rochelle, N. Y.
Kirchoff Bros., masons & bldrs.' matls., Hampshire, Ill.
Kirchoff & Rose, architects, Majestic Bldg., Milwaukee, Wis.
Kirjham & Parlett, architects, 25 Harrison av, Springfield, Mass.
Kirk, Bimpson, steam & hot water htg. contr., 441 W. 50th, New York.
Kirk & Blum Co., dust collectors, etc., York & Western av, Cincinnati, Ohio.
Kirk, C. H., architect, Helena, Montana.
Kirk, E. W., Soap Cleanser Co., glycerine, Edina, Mo.
Kirk, Geo. H., htg. contrs., 6711 Wentworth av, Chicago, Ill.
Kirk, Halbicht, Co., skylight ventilating apparatus, 108 S. Calvert, Baltimore, Md.
Kirk, Harry D., inks, mucilage mfr., 2316 W. Harrison, Chicago, Ill.
Kirk, Hutton & Co., whol. hdwe., New Castle, Pa.
Kirk, J. B., mach. & fndr., The Dalles, Ore.
Kirk, Jas. S., & Co., glycerine & soap, 106 E. Austin, Chicago, Ill., 727 46th, Milwaukee, Wis. & Wabash Bldg., Pittsburgh, Pa.
Kirk, John P., ship bldr., Toms River, N. J.
Kirk, Joseph H., Co., barrels, 725 W. 31st, Chicago, Ill.
Kirk-Latty Mfg. Co., bolt, nut, rivet, etc., imps., W. 35th bet. Detroit & Madison av, Cleveland, Ohio.
Kirk, Sam'l, & Son Co., silver nov., 108 E. Baltimore, Baltimore, Md.
Kirk Supply Co., mill & facty. supplies, Farmers' Bk. Bldg., Ptg., Pa.
Kirk, W. P., Co., cornices, Bridgeport, Conn.
Kirk, Walter R., chemicals & glycerine, 327 S. La Salle, Chicago, Ill.
Kirk, William, flour mills, Parkersburg, W. Va.
Kirker, L. C., & Son, contractors, Beaver Falls, Pa.
Kirkland, F. W., architect, Rome, N. Y.
Kirklin Clay Mfg. Co., brick, Kirklin, Ind.
Kirkman Die & Tool Wks., Denver, Colo.
Kirkman Engng. Corp., elec. fuses, 237 Lafayette, New York.
Kirkman & Son, soap & soap powders, etc., 215 Water, Brooklyn, N. Y.
Kirkman, Wm. J., models & experimental work, Denver, Colo.
Kirkpatrick Bros., stone prod., Hancock, N. Y. & 1047 S. 23d, Philadelphia, Pa.
Kirkpatrick Christian M., contractor, Greenfield, Ind.
Kirkpatrick Hardware Co., Atlanta, Ga.
Kirkpatrick, J. O., & Sons, masons & bldrs.' matls., Nashville, Tenn.
Kirkpatrick Lumber Co. (Ltd.), Glenmora, La.
Kirkpatrick Mfg. Co., elec. wiring mouldings, Glenwood & N. American, Philadelphia, Pa.
Kirkpatrick Norton, architect, Gluck Bldg., Niagara Falls, N. Y.
Kirkpatrick, Robt. A., architect, 3976 Ellis av, Chicago, Ill.
Kirkpatrick Sand & Cement Co., Birmingham, Ala.
Kirkpatrick, W. J., masons & bldrs.' matls., Battle Creek, Mich.
Kirkup, Robt., & Co., brass fndrs., 616 Lodge, Cincinnati, Ohio.
Kirkwood Wind Engine Co., machsts. & fndrs., Arkansas City, Kans.
Kirn, G. C. Adv. Sign Co., elec., 1303 Pine, St. Louis, Mo.
Kirn, M. L., & Bro., fndrs., 2135 N. Lawrence, Philadelphia, Pa.
Kirner, Philip, contrs., St. Marys, Pa.
Kirsch, Jacob Co., cornices & skylights, 3234 Penn av, Pittsburgh, Pa.
Kirsch Mfg. Co., curtain rods, Sturgis, Mich.
Kirsch, Peter, sashes, doors & blinds, Decatur, Ind.
Kirsch, Robt. G., architect, 4067 Magnolia av, St. Louis, Mo.
Kirsch, Sellemeyer, & Sons Co., masons & bldrs.' matls., Decatur, Ind.

Kirschbraun, Lester, testing engineer, 150 N. 5th av, Chicago, Ill.
Kirschke, Oscar R., architect, Grand Island, Nebraska.
Kirschner Bros., contractors, Erie, Pa.
Kirsh, Frank W., cornices & skylights, Everett, Wash.
Kirst, J. Wilfred, architect, 12 N. Broadway, Yonkers, N. Y.
Kirstein, E., Sons Co., optical goods, Rochester, N. Y.
Kirstin, A. J., Co., stump pullers, Escanaba, Mich.
Kirtland Bros., & Co., safety razors mfrs., 96 Chambers, New York.
Kirtland, W. H., slate slabs, stairs, threads, etc., 1123 B'way, New York.
Kirwan Bros., lumber mfrs., Fulton & Adams, Louisville, Ky.
Kirwan, J. E., Co., canned goods, Atlantic Wharf, Baltimore, Md.
Kirwan, Wm. T. A., & Son, cornices, 12 W. Fort av, Baltimore, Md.
Kirwin Bros., contractors, Newport, R. I.
Kisner, John M., & Bro., Lumber Co., Fairmont, W. Va.
Kissam, Henry Snyder, decorative architect, 25 Madison av, New York.
Kissel Motor Car Co., Hartford, Wis.
Kissinger's, Benj., Sons, brick, York, Pa.
Kissinger's, Jacob, Sons, machsts., 75 Fulton, New York.
Kissner, R. D., masons & bldrs.' matls., Delaware, Ohio.
Kister, F. L., Jr., lumber, Bowling Green, Ky.
Kistler, Lesh, & Co., leather belting butts, 321 A, Boston, Mass.
Kistler & Steppstedt, machsts. & fndrs., Odebolt, Ia.
Kistler, W. H., Stationery Co., Denver, Colo.
Kistner, Geo. C., contractor, Elkhart, Ind.
Kistner, Theodore C., architect, Amer. Nat'l Bk. Bldg., San Diego, Cal.
Kitchell, Bruce P., architect, 207 Market, Newark, N. J.
Kitchell, H. G., machsts. & fndrs., Greenwood, Miss.
Kitchen Cabinet & Table Co., High Point, N. C.
Kitchen Service Co., 37 W. Van Buren, dish washing mach., Chicago, Ill.
Kitchen Specialty Mfg. Co., pot covers, Reading, Pa.
Kitfield, Edw. H., mill engrs., 85 Waters, Boston, Mass.
Kitko, Chas., cornices, 2923 Olive, St. Louis, Mo.
Kitner, F. H., common brick, Woodson, Ill.
Kitselman Bros., fence machines, metal fence posts, etc., Muncie, Ind.
Kitson Co., cocks, 2819 Oakford, Philadelphia, Pa.
Kitson Hydro-Carbon Htg. & Incandescent Lighting Co., machsts. & fndrs., 2819 Oakford, Philadelphia, Pa.
Kittanning Brick & Fire Clay Co., common, Empire Bldg., Pittsburgh, Pa.
Kittanning Clay Mfg. Co., brick, Kittanning, Pa.
Kittanning Clay Products Co., brick, Bradford, Pa.
Kittanning Iron & Steel Mfg. Co., Kittanning, Pa.
Kittinger Furniture Co., portables, 1893 Elmwood av, Buffalo. N. Y.
Kittinger & Stock, sash, door & blind mfrs., Canal Fulton, Ohio.
Kittitas Lumber Co., Ellensburg, Wash.
Kittle, H. M., & Co., trunk mfrs., 197 Jefferson av, Detroit, Mich.
Kittoe Boiler & Tank Co., Inc., Canton, Ohio.
Kittredge Quarries, Milford, N. H.
Kittredge, R. J., & Co., label mfrs., 812 W. Superior, Chicago, Ill.
Kittredge-Waters Supply Co., mill & facty. supplies, 422 Common, New Orleans, La.
Kitts Mfg. Co., steam specialties—regulators, taps, etc., Oswego, N. Y.
Kitts Steam Specialty Co., Oswego, N. Y.
Kitz, Joseph, brewers' pitch & shellac, 333 Jefferson, Hoboken, N. J.
Kitzelman & Dilley Co., cornices, 5918 Lowe av, Chicago, Ill.
Kivett, W. M., brick, Carthage, N. C.
K. & K. Brick Co., Los Angeles, Cal.
Klaas, Max, shears, knives, etc., 108 Fulton, New York.
Klaber, A., & Son, plumbers' marble wks., 211 Vernon av, Long Island City, N. Y.
Klaber, Eugene H., architect, 101 Park av, New York.
Klaber, John J., architect, 225 5th av, New York.
Klaber, S., & Co., brass fndrs., Carlstadt, N. J.
Klaber, S. & Co., bronze fndrs., 21 W. 39th, New York.
Klafter, David Saul, architect, 64 W. Randolph, Chicago, Ill.
Klaine, F. A., Co., stove mfrs., Front & Central av, Cincinnati, Ohio.
Klamt & Miner, bldg. contrs., Portland, Ore.
Klander-Weldon Dyeing Mach Co., Yardley, Pa.
Klappert's, C. W., Sons, contractors, 328 E. 25th, New York.
Klapproth, Wm. C., architect, Oshkosh, Wis.
Klarer Provision Co., meat packers, Louisville, Ky.
Klarquist, S. M., & Son, contractors, Security Bk. Bldg., Minneapolis, Minn.
Klatt, W. C., & Sons, lumber mfrs., Goldendale, Wash.
Klauberg, C., & Bros., razors mfrs., Woolworth Bldg., New York.
Klauder-Weldon Mach. Co., machsts. & fndrs., Amsterdam, N. Y.
Klauer Mfg. Co., metal ceilings, etc., Dubuque, Ia.
Klaunerg, Hugo, willow furniture, Berkeley, Cal.
Klaus & Baxter, contractors, 1745 S. Conestoga, Phila., Pa.
Klaus & Co., machsts., 541 Ferry, Newark, N. J.
Klause Canning & Packing Co., Columbus, Neb.
Klause, Chas., fndrs., 460 N. 12th, Philadelphia, Pa.
Klause, Jos. P., elec. light fix. mfrs., 11th & Ridge, Phila., Pa.
Klausmann, Henry W., contractor, 2611 Cornell av, Indianapolis, Ind.
Klaxon Co., fire alarms, 194 Wright, Newark, N. J.
Klayman, I., & Son, contractors, 1337 W. North av, Baltimore, Md.
Kleansall Co., soap, 332 McKnight Bldg., Minneapolis, Minn.
Kleban, Louis E., contractor, 1714 Crotona Park E., New York.
Klebansky, Wolf, bristles, horse hair, 246 S. 3d, Phila., Pa.
Kleber Piano Co., 237 5th av., Pittsburgh, Pa.
Kleck, J. W., mattresses, San Antonio, Tex.
Klee-Thomson Co., archl. decorators, 327 E. 40th, New York.
Kleeb Lumber Co., South Bend, Wash.
Kleeman, L. F., Mfg. Co., archl. & orna. Iron, 1923 Central, Kansas City, Mo.
Kleeman, Wm., & Co., interior hardwood work (mfrs. & erectors), 101 Park av, New York.
Kleemann, August M., architect, 741 Broad, Newark, N. J.
Kleemann, Otto, architect, 155 E. 14th, Portland, Ore.
Klehm, John & Sons, landscape archs, 428 Jefferson, Milwaukee, Wis.
Kleiber & Co., automobile bldrs., 1426 Folsom, San Francisco, Cal.
Klein, A., cornices & skylights, 383 E. 34th, New York.
Klein, Albert F., architect, Union Trust Bldg., Cincinnati, Ohio.
Klein, Bella, cornices, Pueblo, Colo.
Klein Bros., bamboo furniture, Paynstar av, Long Island City, N. Y.
Klein Bros., Co., contractors, Dallas, Tex.
Klein Bros. Packing Co., meat packers, Presto, Pa.
Klein, C. H., Brick Co., Chaska, Minn.
Klein & Cohn, scrap iron, rubber, 518 Hannibal, Cincinnati, O.
Klein, Ernest, & Bro., ground connect. clamps, 44 Fulton, New York.
Klein, Fred, cornices & skylights, Findlay, Ohio.
Klein, Fred'k J., architect, Anheuser-Neil Bldg., Peoria, Ill.
Klein, J. B., Iron Fdry. Co., Oklahoma, Okla.
Klein-Logan Co., stone axes, 13th & Breed, Pittsburgh, Pa.
Klein Mfg. Co., rfg. cements, Am. Trust Bldg., Cleveland, Ohio.
Klein, Mathias, & Sons, guy anchors, seats & expansion bolts, etc., 562 W. Vanburen, Chicago, Ill.
Klein, Nathan, & Co., machy. dlrs., 208 Center, New York.
Klein, Oscar, paper, Clinton, Ia.
Klein, Paul, masons' & bldrs.' matls., Iola, Kan.
Klein, Wm. C., Jr., architect, 1218 Chestnut, Philadelphia, Pa.
Kleinbeck, C. H., Co., caramel paste, Geneva, Ill.
Kleine & Daumeyer, carriages, 14 W. 12th, Cincinnati, Ohio.
Kleine, Geo., films, 63 E. Adams, Chicago, Ill.
Kleine Optical Co., moving picture machs., 207 S. Wabash av, Chicago, Ill.
Kleine, Wm. E., & Co., whol. hdwe., 120 W. B'way, New York.
Kleinert, Albert E., contractor, 316 Flatbush av, Bklyn, N. Y.
Kleinert, I. B., Rubber Co., rubber bath curtains & rubber goods, 725 Broadway, New York.
Kleinhammer, H., architect, Plattville, Wis.
KLEINHANS, H., CO., machy. dlrs., railroad equipments, 532 Union Arcade, Pittsburgh, Pa.
See adv index at end of book.
Kleinke, Aug., contractor, West Hoboken, N. J.
Kleinpell, W. E., architect, 618 Aldama ter, Los Angeles, Cal.
Kleinschmidt Elec. Co., tele. instruments, 36 Flatbush av, Brooklyn, N. Y.
Klemann & Fowler, architects, First Nat'l Bk. Bldg., Trenton, N. J.
Klemm & Co., lamps, shades, etc., 132 N. 5th, Philadelphia, Pa.
Klemm, E. R., machinist, 1453 Austin av, Chicago, Ill.
Klenk, August, billiard & pool tables, 483 Alfred, Detroit, Mich.
Klenk, Martin, carriages, Sandusky, Ohio.
Kleno Mfg. Co., soap, North Weymouth, Mass.
Klepach, John, contractor, Cedar Rapids, Ia.
Klesius, Geo. A., cornices, 609 12th, Altoona, Pa.
Klett, Jacob, & Sons, lumber mfrs., Ft. Wayne, Ind.
Klett & Soostmeyer Machr. Mfg. Co., machsts., 1883 Park av, New York.
Kletting, R. K. A., architect, Felt Bldg., Salt Lake City, Utah.
Klewer, Wm. L., & Son, architects, 64 W. Randolph, Chicago, Ill.
Kleymeyer-Klute Brick & Tile Wks., Henderson, Ky.
Klicka, Jos., Co., mouldings, W. 20th & S. California av, Chicago, Ill.
Klieves, Archibald L., architect, 1219 Chapline, Wheeling, W. Va.
Klieves Lumber Co., sash, door & blind, Wheeling, W. Va.
Klimpf Medal Co., emblems & pins, 14 John, New York.
Klinck Bros., meat packers, 588 Howard, Buffalo, N. Y.
Klinck, C., Packing Co., meat, 50 Depot, Buffalo, N. Y.
Klincke, Wm. C., contractor, 1715 W. Venango, Philadelphia, Pa.
Klindt, Geiger Canning Co., Cassville, Wis.
Kline Car Corp., Richmond, Va.
Kline & Co., machinists & founders, Reading, Pa.
Kline & Co., masons' & bldrs.' matls., & whol. hdwe., Williamsport, Pa.
Kline, D. Milton, brick, Reading, Pa.
Kline, Dan'l M., contractor, Wilkes-Barre, Pa.
Kline, Mrs. Eliz., flour mills, Brookville, Pa.
Kline Hdwe. Co., machsts. & fndrs., Allentown, Pa.
Kline, Geo. W., architect, Butler, Pa.
Kline, Jas. M., hydraulic rams, Beavertown, Pa.

Kline, John, Brick Co., Wickliffe, Ohio.
Kline Kar Corp., auto. builders, Richmond, Va.
Kline, Lewis T., mill & facty. supplies, Alpena, Mich.
Kline Lumber & Constr. Co., New Castle, Pa.
Kline, M. L., mill, facty. & plumbers' supplies, 84 Front, Portland, Ore.
Kling Bros. Engng. Wks., drilling, punching & shearing machs., etc., 1304 Kingsbury, Chicago, Ill.
Kling Co., contractors, Union League Bldg., Los Angeles, Cal.
Kling Mfg. Co., fly nets, 2425 Fond du Lac av, Milwaukee, Wis.
Kling & Zenk, architects, Davis blk, Youngstown, Ohio.
Klingberg, W., & Son, contractors, 50 Church, New York.
Klingensmith, A., architect, Merchant's Nat'l Bk. Bldg., Fort Smith, Ark.
Klingensmith, H. A., & Son, masons' & bldrs.' matls., New Kensington, Pa.
Klinger, H. J., & Co., buckwheat flour, Butler, Pa.
Klinges, J. P., Jr., architect, 1012 Walnut, Philadelphia, Pa.
Klinkart, A. J., architect, Hagerstown, Md.
Klintz, A., & Co., elec. signs, 905 W. Randolph, Chicago, Ill.
Klipfel Mfg. Co., machinists, 2651 W. Harrison, Chicago, Ill.
Klip-Klip Co., nail clippers, Rochester, N. Y.
Klipper Mfg. Co., machsts. & fndrs., Beaver Dam, Wis.
Klipstein, A., & Co., chemicals, 644 Greenwich, New York.
Klipstein & Rathmann, architects, Chemical Bldg., St. Louis, Mo.
Klipstine, Wm., Lumber Co., Sidney, Ohio.
Klise Mfg. Co., carved mouldings, Grand Rapids, Mich.
Kloak Bros. & Co., store fixtures, 12 E. 3rd, Cincinnati, Ohio.
Klock, A. B., machinist, Herkimer, N. Y.
Kloes, F. J., window shades, 243 Canal, New York.
Klondike Incubator Co., Des Moines, Ia.
Klopfer, Fred'k, carriages, Muncie, Ind.
Klopp, John F., contractor, Ellicott sq, Buffalo, N. Y.
Klopping, A. C., stampings, etc., Toledo, Ohio.
Klose, A., semi-continuous kilns, 277 Hawthorn av, Portland, Ore.
Klose, C., & Co., brick, Aurora, Neb.
Klose, J. Chas., landscape architect, West Hoboken, N. J.
Klostermeier Bros. Hardware Co., Atchison, Kan.
Klostermeier, Louis, brick, Boonville, Ind.
Klotz, A., concrete floors & arches & flue linings, 2517 Washington av, New York.
Klotz, E. L., masons' & bldrs.' matls., Little Falls, N. J.
Klotz Machine Co., wood working machy., Sandusky, Ohio.
Klubertanz Bros. Co., cornices, 889 23d, Milwaukee, Wis.
Kluegel, T. J., Carriage & Wagon Mfg. Co., 827 S. B'way, St. Louis, Mo.
Klufkee, H. E., Saddlery Co., hdwe. mfrs., 109 N. 3d, Phila., Pa.
Kluge, E. H., Weav'g Co., labels, 33 W. 34th, New York.
Kluin, E., & Sons, machsts. & brass fndrs., Elizabeth, N. J.
Klumpp's, Jno. G., Sons, bowling alley bldrs., etc., 13 Baxter, New York.
Klung, H. G., architect, 160 S. Virgil av, Los Angeles, Cal.
Klunk, Wm. J., contractor, Hanover, Pa.
Klutho, H. J., architect, St. James Bldg., Jacksonville, Fla.
Klutho, Victor J., architect, Syndicate Tr. Bldg., St. Louis, Mo.
Kluyskens, G. J., autos, 112 West 42nd, New York.
Klyce, Harvey A., contractor, Sheldon Bldg., San Francisco, Cal.
K. & M. Casting Co., 10611 Quincy av, Cleveland, Ohio.
Knabb, A. & Co., cooperage stock, Warren, Pa.
Knabb, L., ties, poles, etc., Moniac, Ga.
Knape, E. P., machsts. & fndrs., Twin Falls, Idaho.
Knape, Jno., Mach. Co., Grand Rapids, Mich.
Knapheide, Hy., Wagon Co., Quincy, Ill.
Knapp, Arthur, Engineering Corp., mechanical engineers, 30 Church, New York. *See adv index at end of book.*
Knapp, Arthur P., arch'l iron, Lowell, Mass.
Knapp & Bosworth, architects, 15 S. Franklin, Wilkes-Barre, Pa.
Knapp Bros. Mfg. Co., valves, feed water regulators, metal studs, 2419 W. 14th, Chicago, Ill.
Knapp, C. H., machinist, Paterson, N. J.
Knapp Co., desk calendars, 52 E. 19th, New York.
Knapp, E. J., & Co., paint, Belding, Mich.
Knapp, Edw. J., Candle Co., Syracuse, N. Y.
Knapp Elec. & Nov. Co., elec. portable fans, 509 W. 51st, New York.
Knapp, Fred H., Co., labeling mach. mfrs., Baltimore, Md.
Knapp, G., machinist, Plattsmouth, Neb.
Knapp, Gardner & Co., machsts. & fndrs., 62 Sudbury, Boston, Mass.
Knapp, Geo. E., lbr., Tilton, N. H.
Knapp, Geo. S., horse tail ties, Bridgeport, Conn.
Knapp, Herbert E., architect, Waterville, Me.
Knapp, Homer, contractor, Rochester, N. Y.
Knapp, Horace Greeley, architect, 235 Fulton, New York.
Knapp, Jerome, architect, Bay State Bldg., Lawrence, Mass.
Knapp, John, & Sons, Foundry Co., Akron, Ohio.
Knapp Mfg. Co., dust pans, regulating sockets, tack molds, etc., 48 Warren, New York.
Knapp Mfg. & Supply Co., brass trays, lamps, oilers, torches, etc., 241 Water, New York.
Knapp, O. H. P., cornices & skylights, Emporia, Kan.
Knapp, O. P., & Son, carriages, Aurora, Ill.
Knapp & Ronneberger, machsts. & fndrs., Anacortes, Wash.
Knapp Rubber Bind'g Co., stair nos'g & carpet bind'g, 31 E. 17th, New York.
Knapp & Spencer Co., whol. hdwe., Sioux City, Ia.
Knapp Supply Co., mill, facty. & plumbers' supplies, Union City, Ind.
Knappe, I. Jay, archit., Griffith, McKenzie bldg., Fresno, Cal.
Knappmann, Wm., & Co., chalk & whit'g mfrs., Grand, Brooklyn, N. Y.
Knappton Mills & Lumber Co., Knappton, Wash.
Knauer, H. J., architect, 610 S. B'way, Los Angeles, Cal.
Knauer, Newton W., contractor, Atlantic City, N. J.
Knauff & Esterbrook, stopper rod sleeves, Cleveland, Ohio.
Knaur & Howe, machsts. & fndrs., Denison, Tex.
Knaur, W. C., machst. & fndr., Denison, Tex.
Knauth Bros., surgical & dental instruments, 220 4th av, New York.
Kneass, Geo. W., motor boat bldrs., 18th & Illinois, San Francisco, Cal.
Knecht, M., & Sons, machsts. & fndrs., West Salisbury, Pa.
Knecht Milling Co., flour, Mill Hall, Pa.
Knecht & Thomas Pump Co., Union City, Ind.
Kneedler & Co., awning stripes, tickings, Eadon & Kennedy, Philadelphia, Pa.
Kneeland-Bigelow Co., lbr. mfrs., Bay City, Mich.
Kneeland-McClurg Lumber Co., Phillips, Wis.
Kneeskern, J. H., & Sons, sash, door & blind mfrs., St. Johnsville, N. Y.
Kneezel, Edward, architect, State Nat'l Bk. Bldg., El Paso, Tex.
Knell, Albert, architect, Odd Fellows Bldg., St. Louis, Mo.
Knelling, A., architect, Union Trust Bldg., San Francisco, Cal.
Knepper, Jno. H., & Son, heating contractors, 501 Washington, Buffalo, N. Y.
Knerr, H. E., contractor, Stimson Bldg., Los Angeles, Cal.
Knetzger, Chas., Lbr. Co., Peoria, Ill.
Knickerbocker Bag Co., second-hand bags, 7 Front, New York.
Knickerbocker Case Co., traveling bags & suit cases, 230 No. Clinton, Chicago, Ill.
Knickerbocker Chandelier & Elect'l Supply Co., gas light fixture mfrs., 325 W. 42d, New York.
Knickerbocker Co., dust collectors & concrete mixers, cor. Park & Liberty, Jackson, Mich.
Knickerbocker Elec. Co., annunciators & elev. indicators, 116 West, New York.
Knickerbocker Elev. Gate Co., automatic, 116 West, New York.
Knickerbocker Lthr. & Nov. Co., advtg. nov. & spec., 79 5th av, New York.
Knickerbocker Lime Co., 364 N. 24th, Philadelphia, Pa.
Knickerbocker Mach. Works., machsts. & fndrs., 161 Perry, New York.
Knickerbocker Mfg. Co., hrwe. mfrs., Belleville, N. J.
Knickerbocker Metallic Bed Co., machinists, Bayonne, N. J. York.
Knickerbocker Paint Co., mfrs., 185 Madison av, New York.
Knickerbocker Portland Cement Co., 30 E. 42d, New York.
Knickerbocker Silver Co., Port Jervis, N. Y.
Knickerbocker Slate Corp., slate, 19 W. 44th, New York.
Knickerbocker Watch Co., Woolworth Bldg., New York.
Knight, Arthur J., lbr., Dublin, N. H.
Knight-Brinckerhoff Piano Co., Brazil, Ind
Knight Bros., brass castings, Portland, Me.
Knight Buggy Co., carriages, Franklin, Va.
Knight & Co., machinists, Sutter Creek, Cal.
Knight & De Micco, contractors, 2353 Washington av, New York.
Knight, Eugene H., architect, 1607 Empire Bldg., Birmingham, Ala.
Knight, F. C., & Co., architects instruments & supplies, 400 Locust, Philadelphia, Pa.
Knight, Geo. C., machsts., Woonsocket, R. I.
Knight, Geo., & Co., machsts. & fndrs., Brockton, Mass.
Knight, H. W., & Sons, metal numbers & letters, Seneca Falls, N. Y.
Knight Iron & Metal Co., scrap metal merchts., 27th to 28th, & 1st av, Birmingham, Ala.
Knight & Jilson Co., water heaters, Indianapolis, Ind.
Knight Light Co., 351 W. Chicago av, Chicago, Ill.
Knight, M. A., pottery, Akron, Ohio.
Knight Mfg. Co., machinists, Canton, Ohio.
Knight, Maurice A., acids & chem. stoneware, East Akron, Ohio.
Knight, Maurice L., stone producers, 1025 W. Mulberry, Baltimore, Md.
Knight Packing Co., canned goods, Portland, Ore.
Knight, R. W. B., brass pipe fittings, 169 Dorrame, Providence, R. I.
Knight Soda Fountain Co., 351 W. Chicago, Chicago, Ill.
Knight & Thomas, fire extinguishers, etc., 212 Summer, Boston, Mass.
Knight Tire & Rubber Co., Canton, Ohio.
Knight, W. B., Machinery Co., 2000 Lucas av, St. Louis, Mo.
Knight, W. E., contractor, Decatur, Ill.
Knight & Wall Co., whol. hdwe., masons & bldrs.' matls. & mill & facty. supplies, Tampa, Fla.
Knight Woolen Mills, Provo, Utah.
Knightley Milling Co., flour mills, Fort Defiance, Va.
Knighton, W. C., architect, Tilford Bldg., Portland, Ore.
Knighton, W. C., architect, Salem, Ore.
Knights, W. R., htg. contrs., 1224 E. Lake, Minneapolis, Minn.
Knightstown Buggy Co., carriages, Knightstown, Ind.
Knightstown Conserve Co., Knightstown, Ind.
Knipe, Robt. T., architect, New York Bldg., Seattle, Wash.

Knisely Bros., cornices, fireproof windows & metallic window frames, 2799 S. 5th av, Chicago, Ill.
Knisely, H. C., Co., cornices & fireproof sashes & windows, 1908 S. Western av, Chicago, Ill.
Knit Goods Mfg. Co., sweaters, cardigans, etc., 196 Palmeto, Brooklyn, N. Y.
Knit Goods Specialty Co., mantle knittings machy., Chicopee Falls, Mass.
Knitted Padding Co., Canton Junction, Mass.
Knittel, Jos., Show Case Co., Quincy, Ill.
Knoble Filter Co., 1587 Clybourn av, Chicago, Ill.
Knoblock-Heideman Mfg. Co., electrical supplies, So. Bend, Ind.
Knoblock & Kapper, contrs., Massillon, Ohio.
Knoburn Co., doors, window frames, etc.—metallic, Hoboken, N. J.
Knobview Canning Co., Knobview, Mo.
Knoche Gottfried, architect, 516 E. 72d, New York.
Knodle, B. C., cornices & skylights, De Kalb, Ill.
Knoedler, Fred J., tin plate, metals, etc., 68 N. 2d, Phila., Pa.
Knoek, L. S., & Co., whol. hdwe., 188 State, Hartford, Conn.
Knoell Bros., contractors, 1211 S. L., Tacoma, Wash.
Knoell, John, & Sons, refrigerators, 179 Jefferson, Phila., Pa.
Knoell Mfg. Co., advtg. spec., Tonawanda, N. Y.
Knoeller Elect. Co., light switches & rheostats, De Pere, Wis.
Knoff Mfg. Co., machinists, Mankato, Minn.
Knoll, Carl A., & Son, contrs., 59 Sherman av, New Haven, Conn.
Knoll, J. H., washing machines (clothes), Reading, Pa.
Knoll, Janas L., Mfg. Co., clothes washing machines, Lebanon, Pa.
Knollenberg Milling Co., flour, Quincy, Ill.
Knoop, Otto, Lumber & Realty Co., 1217 Julia, New Orleans, La.
Knopel-Mappa Co., machsts., Louisville, Ky.
Knopf, Chas., architect, 523 Springfield av, Newark, N. J.
Knopp, Bernard, contractor, 431 W. 41st, New York.
Knopp Bros. Co., contractors & masons & bldrs.' matls., Toledo, Ohio.
Knopp, John, contractor, Winona, Minn.
Knorr, Edwin B., & Bro., plate glass, 1817 Orthodox, Fkd., Phila., Pa.
Knott, E. R., Mach. Co., 156 Pearl, Boston, Mass.
Knott & Harker Co., glass house machy., Beaver Falls, Pa.
Knott & Heald Co., elec. fix. mfrs., 290 Devonshire, Boston, Mass.
Knott, L. & Co., sash, door & blind mfrs., Cassadaga, N. Y.
Knott, L. E., Apparatus Co., scientific & chemical apparatus mfrs., 79 Amherst, Cambridge, Mass.
Knott Mfg. Co., plumbers' woodwork, Tell City, Ind.
Knott's, David N., Sons, second hand bags, 104 Callowhill, Philadelphia, Pa.
Knotts, R. W., canned goods, Great Mills, Md.
Knowlan Mach. & Supply Co., Victoria, Tex.
Knowles, A. E., carriages, North Chesterville, Me.
Knowles, Adam, machst., Woodstown, N. J.
Knowles & Bassoe, architects, 280 Madison av, New York.
Knowles-Bradley Co., saltpetre & nitrate of soda, 74 Wall, New York.
Knowles, C. S., porcelain or clay cleats, Boston, Mass.
Knowles, Edwin M., China Co., East Liverpool, Ohio.
Knowles, Harry P., architect, 52 Vanderbilt av, New York.
Knowles-Lombard Co., canned goods, Guilford, Conn.
Knowles & Mathewson, contractors, Call Bldg., San Francisco, Cal.
Knowles, Morris, modernizing engrs., Oliver Bldg., Pittsburgh, Pa.
Knowles & Peck, cornices, Rochester, N. Y.
Knowles Scale & Supply Co., mill & fcty. supplies, Lowell, Mass.
Knowles Scale Works, Lowell, Mass.
Knowles Steam Pump Wks., pumping machy., 115 B'way, New York.
Knowles, Taylor & Knowles Co., crockery, East Liverpool, Ohio.
Knowles, W. H., Foundry & Machine Co., machsts. & fndrs., Ottawa, Ill.
Knowles, Wm., architect, Central Bk. Bldg., Oakland & Hearst Bldg., San Francisco, Cal.
Knowles, Wm. H., & Co., mill & facty. supplies, New Bedford, Mass.
Knowles, Wm. W., architect, 35 W. 39th, New York.
Knowlson, A. B., Co., masons & bldrs.' matls., Grand Rapids, Mich.
Knowlson & Kelley Co., engineers, etc., Troy, N. Y.
Knowlton, A. T., Co., toasters, 99 Congress, Detroit, Mich.
Knowlton, B. E., lumber, Burnett, Wash.
Knowlton Bros., machsts. & fndrs., Camden, Me.
Knowlton Bros., paper & pulp mills, Watertown, N. Y.
Knowlton, Dallas, copper paints, Washington, D. C.
Knowlton, Geo. W., Rubber Co., 60 Pearl, Boston, Mass.
Knowlton, Harry B., carriages, North Chesterville, Me.
Knowlton, M. D., Co., paper box machinery, 26 Elizabeth, Rochester, N. Y.
Knowlton Mach. Co., Westbrook, Me.
Knowlton Rubber Co., Geo. W., packing, 60 Pearl, Boston, Mass.
Knowlton & Stone Co., masons & bldrs.' matls., Keene, N. H.
Knox & Allen, metallurgical engineers, 17 Madison av, New York.
Knox, Arthur Howell, architect, 104 S. Mich av, Chicago, Ill.
Knox, C. B., Co., glue mfrs., Johnstown, N. Y.
Knox City Iron Wks., stove mfrs., Knoxville, Tenn.
Knox Construction Co., 405 Lexington av, New York.
Knox, E. I., ties, poles, etc., Lulaton, Ga.
Knox & Elliott, architects, Rockefeller Bldg., Cleveland, Ohio.
Knox, Geo. S., Co., hand vacuum cleaners, Wilkinsburg, Pa.
Knox, J. E., & Co., rubber & cutting dies, Lynn, Mass.
Knox Lumber Co., Aitkin, Minn.
Knox Mfg. Co., hose clamps, couplings, cocks, valves, etc., 321 Cherry, Philadelphia, Pa.
Knox Metal Wheel Co., Knox, Ind.
Knox & Morse Co., shellac, 96 High, Boston, Mass.
Knox Motors Co., builders of "Knox" tractors, Wilbrohon rd, Springfield, Mass.
Knox Stove Works, Knoxville, Tenn.
Knox, Strouss & Bragdon, masons & bldrs.' matls., Juniata & Preble, Ptg., Pa.
Knox, W. E., masons' & bldrs.' matls., Wakefield, Mass.
Knox, W. & J., Net & Twnie Co., cor. Calvert & Lombard, Baltimore, Md.
Knox Woolen Co., wood felts, etc., Camden, Me.
Knoxville Abbatoir Co., meat packers, Knoxville, Tenn.
Knoxville Brick Co., Knoxville, Tenn.
Knoxville Coffin Co., Knoxville, Tenn.
Knoxville Excelsior & Mattress Co., Knoxville, Tenn.
Knoxville Foundry & Machine Co., Knoxville, Tenn.
Knoxville Furniture Co., wood mantels, Knoxville, Tenn.
Knoxville Glove Mfg. Co., Knoxville, Tenn.
Knoxville Iron Co., Knoxville, Tenn.
Knoxville Lumber & Mfg. Co., masons & bldrs.' matls., Knoxville, Tenn.
Knoxville Veneer Co., Knoxville, Tenn.
Knubel, John H., architect, 305 W. 43d, New York.
Knudson & Ferguson, bldg. contrs., Duluth, Minn.
Knudson, H. P., contractor, Waupaca, Wis.
Knudson, Knud P., contrs., Kenosha, Wis.
Knudson & Mercer Lumber Co., 28 E. Jackson blvd, Chicago, Ill.
Knust, Leo. F., architect, 110 W. 40th, New York.
Kny-Scheerer Co., surgical instrs. & X-ray app., 404 W. 27th, New York.
Koban Mfg. Co., rowboat motors, 241 S. Water, Milwaukee, Wis.
Koberlein Fred'k, machst. & fndr., 508 W. 24th, New York.
Kobert, H. G., contractor, 1212 McGee, Kansas City, Mo.
Koblitz-Kohn Co., scrap rubber, 2374 Canal rd, Cleveland, Ohio.
Kobmann, Chas., cornices, 1919 Central av, Cincinnati, Ohio.
Koch A. D., architect, Wells Bldg., Milwaukee, Wis.
Koch, Alfred S., & Sons, machsts., Lancaster, Pa.
Koch, Ands., musical instruments (strings, etc.), 296 B'way, New York.
Koch Bros., fndrs., Harvey, Ill.
Koch Bros. Co., carriages, New Waterford, O.
Koch Butcher Supply Co., racks for cold storage rooms, 519 Wyandotte, Kansas City, Mo.
Koch, C. L., Co., masons & bldrs.' matls., Maumee, Ohio.
Koch, G. W., & Son, parquet floors, 537 W. 53d, New York.
Koch Cut Glass Co., 115 E. So. Water, Chicago, Ill.
Koch, E. B., contractor, 28 4th, E., Salt Lake City, Utah.
Koch, Edward A., & Co., cornices, 427 W. Front, Cincinnati, O.
Koch, Ernest, architect, Hoffman blk., Ottumwa, Ia.
Koch, F. A., & Co., surgical & veterinary instruments, cutlery mfrs., etc., 524 B'way, New York.
Koch, Geo. A., contractor, Reading, Pa.
Koch, Gustav, & Co., badges & emblems, stencils, etc., 71 W. Rand, Chicago, Ill.
Koch, H. C., & Son, architect, Wells Bldg., Milwaukee, Wis.
Koch, Hy., test indicators, Nyack, N. Y.
Koch, Henry A., architect, Rehfuss Bldg., Peoria, Ill.
Koch, Julius, architect & contractor, 219 Carondelet, New Orleans, La.
Koch, Rupert W., architect, Chamber of Commerce Bldg., Detroit & Ann Arbor, Mich.
Koch & Son Mfg. Co., bob sleds, St. Cloud, Minn.
Koch, Theo. B. & Son, contrs., Pottsville, Pa.
Koch, W. Tilden, architect, 3131 Hull av, New York.
Koch & Wagner, architects, 26 Court, Brooklyn, N. Y.
Kocher, A. L., architect, State College, Pa.
Kocher & McCellan, architects, 806 W. 79th, Chicago, Ill.
Kochs, Theo. A., Co., poles, barbers' chairs, 659 Wells, Chicago, Ill.
Kochtitzky, Otto, contr., Cape Girardeau, Mo.
K. & O. Co., cigar cutters & bottle openers, 366 Butler, Brooklyn, N. Y.
Kodak, Stephen J., architect, 34 Warburton av, Yonkers, N. Y.
Koebig, P. W., Estate, 116 Broad, New York.
Koechl, Otto R., architect, 15 E. 40th, New York.
Koegel, Chas., & Son, paper wire mill & coating mill, machinery mfrs., Holyoke, Mass.
Koehl, J. W., & Son, screens, 658 S. Anderson, Los Angeles, Cal.
Koehl, Wm., architect, Park Bldg., Cleveland, Ohio.
Koehler, A., Co., masons' & bldrs.' matls., Geneva, Neb.
Koehler Bros., machinists, Saginaw, Mich.
Koehler Bros.-Fowler Constr., 68 Court av, Memphis, Tenn.
Koehler, Chas. W., architect, 221 Hazelwood av, Detroit, Mich.
Koehler, F. A., contractor, Peru, Ill.
Koehler, F. D., htg. contrs., 560 Richard ter., New Brighton, N. Y.
Koehler, Fred., cornices, Hazleton, Pa.
Koehler, H. J., S. G., Co., automobile bldrs., 154 Ogden, Newark, N. J.

Koehler, Hy. L., Mfg. Co., lbr. mfrs., rubber stamps, stencils, etc., Louisville, Ky.
Koehler & Hinrichs Co., billiard tables, etc., St. Paul, Minn.
Koehler, J. P., Co., scrap iron & steel, 2837 Smallman, Pittsburgh, Pa.
Koehler Mfg. Co., miners' safety lamps, Marlboro, Mass.
Koehler & Streng Co., scrap iron & steel, Noblestown rd, Pittsburgh, Pa.
Koehler, V. Hugo, brewery architect, 2 Columbus Cir., New York.
Kochring Machine Co., concrete mixers, 31st & Concordia av, Milwaukee, Wis.
Koelble, Henry A., architect, 114 E. 28th, New York.
Koelle, Aug., contractor, 61 Bissell av, Buffalo, N. Y.
Koellen, Henry, contractor, Michigan City, Ind.
Koen, Terence A., architect, 244 5th av, New York, N. Y.
Koenig, Adolph G., architect, 405 Lexington av, N. Y.
Koenig, Chas. J. U., contractor, 110 Jessie, San Francisco, Cal.
Koenig & Christiansen, architects, Humboldt Bk. Bldg., San Francisco, Cal.
Koenig, Edw. L., contrs.' tools & supplies, 136 W. Lake, Chicago, Ill.
Koenig, F. C., architect, 4920 Parkside av, Philadelphia, Pa.
Koenig, Fred, architect, 4770 Lincoln av, Chicago, Ill.
Koenig, H. B., cornices, Tonawanda, N. Y.
Koenig & Luhrs Wagon Co., Quincy, Ill.
Koenig, William, architect, 1106 Cabrillo, San Francisco, Cal.
Koenig, Wm., Jr., lamp auto., Brooklyn, N. Y.
Koenigkramer, F. & F., spraying machines, 1914 Western av, Cincinanti, Ohio.
Koenigsberger, F. H., architect, 665 Broad, Newark, N. J.
Koenigsmark Mill Co., flour, Waterloo, Ill.
Koeppen Mould Wks., Marion, Ind.
Koepsell, J. J., Co., mill & facty. supplies, Sheboygan, Wis.
Koering Cyaniding Process Co., Hammond Bldg., Detroit, Mich.
Koerner, C. A., & Co., contractors, Louisville, Ky.
Koerner, Robert A., architect, 681 Ohio, Terre Haute.
Koetting, John, brick, Muscatine, Ia.
Kofoed, Aug., contractor, Silver Creek, N. Y.
Koger Pea & Bean Thresher Co., Morristown, Tenn.
Kogers, John A., archit., Daytona, Florida.
Kohaut, John C., engravers' chucks, wooden mallets, etc., 117 Green, Newark, N. J.
Kohberger & Hoyles, contrs., Marion, Ohio.
Kohfeldt, Walter G., architect, 64 E. Van Buren, Chicago, Ill.
Kohl & Madden Mfg. Co., inks, 124 Polk, Chicago, Ill.
Kohl Mfg. Co., rubber molds, 91 Wareham, Boston, Mass.
Kohlbusch, Herman, assay balances, 149 N. Y. av, Jersey City, N. J.
Kohler Brick Co., Toledo, Ohio.
Kohler & Campbell, pianos, 601 W. 50th, New York.
Kohler Co., cast iron enamel & sanitary ware, Sheboygan, Wis.
Kohler Die & Specialty Co., weather strips, De Kalb, Ill.
Kohler, F. E., Co., hdwe. specialties, Canton, Ohio.
Kohler, F. F., rims & felloes, South Zanesville, Ohio.
Kohler & Liebich, machinists, 1751 Addison, Chicago, Ill.
Kohlhaas Co., card system & files, 31 W. Lake, Chicago, Ill.
Kohlhepp, Anthony, cornices, 616 N. Eutaw, Baltimore, Md.
Kohlman, Nathan, architect, Godchaux Bldg., New Orleans, La.
Kohlmann Moss & Cotton Felt Co., New Orleans, La.
Kohlmetz, Chas. E., iron; elevators, Rochester, N. Y.
Kohlmetz, H. L., iron; elevators, Rochester, N. Y.
Kohlmeyer, Geo. E., cornices, 8222 N. B'way, St. Louis, Mo.
Kohls, Wm., machinists, Cologne, Minn.
Kohn, Alfred, contractor, 110 Jessie, San Francisco, Cal.
Kohn, Jacob & Josef, revolving chairs, 507 W. 26th, New York.
Kohn, Robert D., architect, 56 W. 45th, New York.
Kohner, Henry, architect, Kresge Bldg., Detroit, Mich.
Kohnstamm, H., & Co., starch & color mfrs. & imp., 87 Park pl, New York.
Kohrs Packing Co., meat packers, Davenport, Iowa.
Kokensberger, F. H., contractor, Hazleton, Pa.
Koker Barbers' Supply Co., poles, Sidney & Texas, St. Louis, Mo.
Kokomo Bale Tie Co., Kokomo, Ind.
Kokomo Brass Wks., machinists & founders, Kokomo, Ind.
Kokomo Construction Co., Kokomo, Ind.
Kokomo Elec. Co., machinists, Kokomo, Ind.
Kokomo Fence Mach. Co., Kokomo, Ind.
Kokomo Fertilizer Co., Kokomo, Ind.
Kokomo Hardware Co., Kokomo, Ind.
Kokomo Nail & Brad Co., Kokomo, Ind.
Kokomo Opalescent Glass Co., Kokomo, Ind.
Kokomo Oscillating Fan Co., Kokomo, Ind.
Kokomo Rubber Co., Kokomo, Ind.
Kokomo Sanitary Mfg. Co., plumbers' sanitary earthenware mfrs., Kokomo, Ind.
Kokomo Steel & Wire Co., Kokomo, Ind.
Kokomo Stone Co., Kokomo, Ind.
Kokomo Supply Co., mill & facty. supplies, Kokomo, Ind.
Kokomo Trunk Co., Kokomo, Ind.
Kola Lumber Co., Kola, Miss.
Kolar Bros., window display fixtures & poles (curtain, etc.), 9 Baxter, New York.
Kolb, Edw., machinist, Lockport, N. Y.
Kolb Portable Building Co., portable bldg. & contrs., 30 Church, New York City.
Kolb, Wm. A., cornices, Tacoma, Wash.
Kolbe, Arno, archit., 244 5th av, New York.
Kolbe, John, Co., glass, paint, 229 W. 5th, Cincinnati, Ohio.
Kolberk, A., archit., 577 8th av, New York.
Kolenik, John, Jr., & Co., Inc., grille, fret & lattice, 430 Hancock, Long Island City.
Kolesch & Co., engineering & surveying instruments, 138 Fulton, New York.
Kolisch, J., & Son, soap, 512 E. 76th, New York.
Koll, A. J., wooden columns, Los Angeles, Cal.
Koller, E. L., coal chutes, sand screens, etc., 276 Sussex av, Newark, N. J..
Koller Fertilizer Co., Seitzland, Pa.
Koller, J. B., & Co., carriage & wagon materials mfrs., Mechanicsburg, Pa.
Koller & Smith Co., filing cabinets & devices, 21 Howard, New York.
Kolling Husker Works, Arlington Heights, Ill.
Kollmyer & Talbot, machsts. & fndrs., Keokuk, Ia.
Kollock, L. R., & Co., masons & bldrs.' matls., Mtrl. Ry. Ex. Bldg., Portland, Ore.
Kolloge Hardware Co., 367 3d, Milwaukee, Wis.
Komada Bros., fruit pickers, 1008 Vine, Philadelphia, Pa.
Komp Mach. Wks., Hattiesburg, Miss.
Konigslow, E., Stamping & Tool Wks., Cleveland, Ohio.
Konigslow, Otto, Mfg. Co., stamping works, 3506 Perkins av, Cleveland, Ohio.
Konold, M. J., Co., valves, steam traps, etc., Bessemer Bldg., Pittsburgh, Pa.
Koochook Rubber Co., 1120 Pine, St. Louis, Mo.
Koon, E. B. & H. J., contractors, 31 Mill, Auburn, N. Y.
Koons, E. W., & Co., steamfitters' supplies, 911 Filbert, Philadelphia, Pa.
Koons, Fred'k S., stone producers, Schwenkville, Pa.
Koons, Wm. U., hot air furnaces, Danville, Ill.
Koos, N. S., & Son Co., fertilizer mfrs., Kenosha, Wis.
Kopelent, Hy., cornices, 2723 Vine, Cincinnati, Ohio.
Kopelson Bros., arch'l & ornamental iron, 4118 Park av, New York.
Kopf Bros. Co., canned goods, New Haven, Conn.
Kopf Engng. Co., machinists, Battle Creek, Mich.
Kopf, J. Edwin, architect, Lemcke Annex, Indianapolis, Ind.
Kopitke & Krigge, archit., Spitzer Bldg., Toledo, Ohio.
Kopp, J. K., granite producers, New London, Conn.
Kopp, Jos. D., architect, 327 S. La Salle, Chicago, Ill.
Kopp Motor Truck Co., Buffalo, N. Y.
Koppe & Steinichen, sculptors & modelers, architectural, Atlanta, Ga.
Koppe, Wm., architect, 830 Westchester av, New York.
Koppelman, Wm. H., contractor, Louisville, Ky.
Kopperman, Jos., & Sons, coppersmiths, 307 Florist, Phila., Pa.
Koppers, H., Co., coke, ovens, etc., Union Arcade, Pittsburgh, Pa.
Koppitz-Smith Mill Co., lumber, Pacific, Mo.
Kopps, Jno. I., Sons, cornices & skylights, Boonton, N. J.
Kopriwa, E., Co., classic wood carvers, 2220 Ward, Chicago, Ill.
Kops, J. deBruyn, architect, 47 Drayton, Savannah, Ga.
Korber, Albert, & Son, dec. architects, 42 Hanson pl, Brooklyn, N. Y.
Korber, Herbert W., architect, 42 Hanson pl, Brooklyn, N. Y.
Korber, J., & Co., hardware, wholesale, Albuquerque, N. Mex.
Kordes, Hy. E., contractor, 243 Moffat, Brooklyn, N. Y.
Korell, Emil, architect, 1234 S. Preston, Louisville, Ky.
Korell, J. A., cornices, 777 Ellis, San Francisco, Cal.
Koretke, F. H., Brass Mfg. Co., Ltd., 922 Magazine, New Orleans, La.
Korff, F. W., Elec. Co., machinists, Lockport, N. Y.
Korff Mfg. Co., sink frames, Lansing, Mich.
Korfmann, Fred'k W., architect, 406 9th av, Long Island City, N. Y.
Korsmeyer Co., elect. light plants, Lincoln, Neb.
Korn, A. F., Jr., architect, Security Bldg., Galveston, Tex.
Korn, Geo. W., Razor Mfg. Co., Little Valley, N. Y.
Korn, Wm., crayons & pencils, 120 Centre, New York.
Kornmeyer Bros., brick, Decorah, Ia.
Korns, C. C., Co., insulator clamps, Johnstown, Pa.
Korster, John M., Co., mill & facty. supplies, Rochester, N. Y.
Kortick Falls Mfg. Co., cross arm braces, 335 1st, San Francisco, Cal.
Kortlang, Chas., sash, door & blind mfr., Hoboken, N. J.
Korver, Albert, & Son, decorative architects, 56 Lafayette av, Brooklyn, N. Y.
Koscherak Stopper Co., 489 5th av, New York.
Koschig, Julius C., glass stainers, 717 6th av, New York.
Koshollek, Paul F., machst. & fndr., Stevens Point, Wis.
Kosicky Patent Bake Oven Co., 1079 Mt. Ell, Detroit, Mich.
Kosmath Co., automobile bldrs., 1506 Fort, Detroit, Mich.
Kosmos Portland Cement Co., Kosmosdale, Ky.
Koss Construction Co., Des Moines, Ia.
Koss & German Co., sash, door & blind, Fostoria, Ohio.
Kostelecky, Jos., carriages, Hoboken, N. J.
Koster, John L., architect, 115 S. Dearborn, Chicago, Ill.
Kotcher, C. W., lumber, 649 Gratiot av, Detroit, Mich.
Kotten Mach. Co., pneumatic tools, Bergen & Kearney av, Jersey City, N. J.
Kotting, Charles, archit., Dime Bank Bldg., Detroit, Mich.
Kottolowski, Ernest F., & Co., contractors, 1123 Olive, Indianapolis, Ind.
Kouns, Wesley, agricultural implements, Salina, Kan.

Kovalsky Bros., contractors, 7 E. 42d, New York.
Koven, L. O., & Bro., boilers, tanks, etc., 154 Ogden av, Jersey City, N. J. *See adv index at end of book.*
Koym, H. W., flour, East Bernard, Tex.
Kozick, Edward, architect, 2025 Walnut, Milwaukee, Wis.
K. P. F. Elec. Co., switches, San Francisco, Cal.
Krabbenschmidt, E. A. P., architect, Newark, N. J.
Krack, Gust., & Son, cornices, Erie, Pa.
Kracke & Flanders,, masons' & bldrs.' matls., 819 Julia, New Orleans, La.
Kraemer Bros., masons' & bldrs.' matls., College Point, N. Y.
Kraemer Mfg. Co., cigar, range & gas lighters, 157 Chambers New York.
Kraetke Bros. Mach. Co., 399 Macomb, Detroit, Mich.
Kraetsch & Kraetsch, architects, Securities Bldg., Des Moines, Ia.
Kraetzer Co., sash, door & blind mfrs., 1034 W. 22d, Chicago, Ill.
Kraetzer Cured Lumber Co., Moorhead, Miss.
Kraeuter & Co., carpenters' & upholsterers' tools, 583 18th av, Newark, N. J.
Krafft & Sons, architects, Phelan Bldg., San Francisco, Cal.
Kraft, A. B., contractors, bldg. & gen., York, Pa.
Kraft, A. C., measures, mill & facty. supplies, outing goods, pumps, etc., 323 W. Lake, Chicago, Ill.
Kraft, Bates & Spencer, pianos, 156 Boylston, Boston, Mass.
Kraft, Theo., & Sons, jewelry cases, 458 W. B'way, New York.
Krag, Franz K., stamping dies, jigs & fixtures, 572 W. Randolph, Chicago, Ill.
Krager, J., cotton damasks, 1543 Ruan, Philadelphia, Pa.
Krager Turpentine Cup Co., Daisy, Tenn.
Krahl Const. Co., 350 N. Clark, Chicago, Ill.
Krahn Mfg. Co., air pumps, 598 Clinton, Milwaukee, Wis.
Krais, William, architect, 146 Vista pl, Mount Vernon, N. Y.
Krajewski-Pesant Corp., sugar machy. & fndrs., 54 Beard, Brooklyn, N. Y.
Krakauer Bros., pianos, 125 W. 42d, New York.
Krakauer, Zork & Moye's, Successors, Inc., whol. hdwe., mill & facty. supplies, El Paso, Tex.
Kral, Wm., & Co., pearl buttons, Franklin, Long Island City, N. Y.
Kramb Brick & Tile Co., Oak Harbor, Ohio.
Kramer Automatic Tamper Co., Peoria, Ill.
Kramer Bros. Co., masons & bldrs.' matls., Frankfort, Ind.
Kramer Bros Co., sashes, doors & blinds, Elizabeth City, N. C.
Kramer Bros. Fdry. Co., Dayton, Ohio.
Kramer, C. & W., Co., lumber, Richmond, Ind.
Kramer, Geo. W., & Son, architects, 1 Madison av, New York.
Kramer, H., & Co., smelters & refiners, 730 S. Canal, Chicago, Ill.
Kramer-Hadeler & Co., whol. hdwe., Dayton, Ohio.
Kramer, I. N., carriages, Goodville, Pa.
Kramer, J. B., architect, Elizabeth City, N. C.
Kramer, J. & Sons Mfg. Co., coal & coke wagons & chutes, 675 Water, New York.
Kramer, John, & Co., 1003 S. Clinton, Baltimore, Md.
Kramer, Ludwig, contractor, Hazleton, Pa.
Kramer Rotary Harrow Co., agricultural implements, Morton, Ill.
Kramer, W. J., Oil Co., 216 Reed, Milwaukee, Wis.
Kramer Wagon Co., Oil City, Pa.
Kramer, Wm. K., machst., Perkasie, Pa.
Kramer, X. A., architect, Magnolia, Miss.
Kramig, R. E. & Co., pipe covering, asbestos paper, wall board & marble mosaic, 8th & Eggleston av, Cincinnati, Ohio.
Kramp, A. J., contr., Berlin, Wis.
Kranich & Bach, pianos, 235 E. 23d, New York.
Krantz, John J., contractor, 283 Walden av, Buffalo, N. Y.
Krantz & McCoy, contractors, 365 Soho, Ptg., Pa.
Krantz Mfg. Co., electrical instruments, 160 7th, Brooklyn, N. Y.
Krantz & Sell Co., cut glassware, Honesdale, Pa.
Kranz Carriage & Wagon Mfg. Co., 3032 Gravois rd, St. Louis, Mo.
Krapp, Herbert J., architect, 114 E. 16th, New York.
Krasberg Mfg. Co., herringbone gears, milling cutters, dies, gauges, 420 Orleans, Chicago, Ill.
Krasin, Gustav A., architect, Madison, Wis.
Krasser, F., & Co., archl. iron, 31 George, Rox. Boston, Mass.
Kratt & Agnew, contrs., Lorain, Ohio.
Kratt, George, lumber, Lorain, Ohio.
Kratz, A. S., Co., folding paper boxes, Richmond, Va.
Kratz, C. F., contrs., Portland, Ore.
Kratz, E. V., architect, Champaign, Ill.
Kratz, Peter A., brass castings, Syracuse, N. Y.
Kratzer Carriage Co., Des Moines, Ia.
Kratzer, W. N., Co., structural iron & steel, 3212 Smallman, Pittsburgh, Pa.
Krauch, Walter T., architect, La Grange, Ill.
Kraus, J. C., Cast Stone Works, garden furniture, 363 Lexington av, New York.
Krause, C. A., Milling Co., corn feed & flour, 37th & Burnham, Milwaukee, Wis.
Krause, C. H., Lumber Co., crates, Antigo, Wis.
Krause, Edmund R., architect, 22 W. Monroe, Chicago, Ill.
Krause, Ernest, architect, 906 N. Stanton, El Paso, Tex.
Krause, F. A., flour, Gayhill, Tex.
Krause, F. W., contractor, Wausau, Wis.
Krause, Geo., Hardware Co., Lebanon, Pa.
Krause, J. S., Hardware Co., Bethlehem, Pa.
Krause-Managan Lumber Co., Ltd., Westlake, La.
Krause, Otto, Brass Fdy., San Jose, Cal.
Krause, R. F., grass catchers, Zion City, Ill.
Krause & Stone, lumber, Marshfield, Wis.
Krause, Wm., masons & bldrs.' matls., 1621 N. 5th, Phila., Pa.
Kraushaar Brass Mfg. Co., St. Louis, Mo.
Krauss & Co., willow, wire & trout baskets, 11 Houston, New York.
Krauss, O., & Sons, harness, Topeka, Kans.
Krauss & Roberts, plumbers' supplies—jobbers, cor. Baltimore & Eden, Baltimore, Md.
Krauss, W. K., architect, Law Bldg., Indianapolis, Ind.
Krauth & Benninghofen, machsts., Hamilton, Ohio.
Kravik, G. H., machst. & fndr., Everett, Wash.
Krawiec, I., architect, Baldwin, N. Y.
Kreamer, A., coal hods & urns, 307 Kent av, Brooklyn, N. Y.
Krebbs, Allen, Jr., contr., Atlanta, Ga.
Krebs Commercial Car Co., Clyde, Ohio.
Krebs, Emil, machinist, Elwood, Ind.
Krebs Mfg. Co., jigs & fixtures, special tools, dies, stamping, 341-9 E. Ohio, Chicago, Ill. *See adv index at end of book.*
Krebs Pigment & Chemical Co., lithopone, Newport, Del.
Krefeld Steel Co., 50 Church, New York.
Krefting, Edward, cornices, 622 W. Vanburen, Chicago, Ill.
Kregel Casket Co., 18th & Cass av, St. Louis, Mo.
Kregel Windmill Co., Nebraska City, Neb.
Kreidler Auto Top Co., Trenton, N. J.
Kreig, M. A., & Co., sashes, doors & blinds, Nelsonville, Ohio.
Krein Chain Co., Wapakoneta, Ohio.
Kreis, H., & Sons, contractors, Knoxville, Tenn.
Kreis & Hubbard, umbrella mfrs., 320 S. Franklin, Chicago, Ill.
Kreischer Brick Mfg. Co., Kreischerville, S. I., N. Y.
Kreisle Edwin C., architect, Scarbrough Bldg., Austin, Tex.
Kreiter, Louis, & Co., machsts., 313 S. Clinton, Chicago, Ill.
Kreiter Mfg. Co., pianos, 1043 Winnebago, Milwaukee, Wis.
Kreitler, Chas., twine, Newark, N. J.
Kreitler, Herman, architect, 45 Clinton, Newark, N. J.
Kreitzburg, Ernest J., contractor, Broad & Arch, Phila., Pa.
Kreitzer Buggy Co., Wapakoneta, Ohio.
Krell Auto Grand Piano Co., Connersville, Ind.
Krell Piano Co., 9th & Harriet, Cincinnati, Ohio.
Krelle, F. W., architect, Omaha Nat'l Bk. Bldg., Omaha, Neb.
Krembs & Co., brazing compounds, 173 N. Green, Chicago, Ill.
Krementz & Co., gold collar buttons, Newark, N. J.
Kremer-Cummins Mach. Co., 1833 E. 55th, Cleveland, Ohio.
Kremer & Voirol Contr. Co., Century Bldg., St. Louis, Mo.
Krempel, John P., architects, Henne Bldg., Los Angeles, Cal.
Krenz, Oscar, Copper & Brass Works, 431 Folsom, San Francisco, Cal.
Kress Bros., carriages, Lawrence, Mass.
Kress, F. J., Box Co., packing, 2930 Liberty av, Pittsburgh, Pa.
Kress, Frank F., horse collars, Green Bay, Wis.
Kress, O. F., & Son, fire extinguishers, Lawrence, Mass.
Kretchmer Mfg. Co., bee & poultry supplies, Council Bluffs, Ia.
Kretsch & Priester, mchsts. & fndrs., 25 Bleecker, New York.
Kretschmer Mfg. Co., plumbing & heating supplies, Dubuque, Ia.
Kretz, Adolph H., contractor, Reading, Pa.
Kretz, Joseph, common brick, Washington, Ind.
Kreul Bros., mchsts. & fndrs., Laurens, Ia.
Kreusler, H. L., contractor, 3301 Penn av, Ptg., Pa.
Kreutzburg Meter Co., 9 S. Clinton, Chicago, Ill.
Kreuzberger, Bartie, masons & bldrs.' matls., Sacramento, Cal.
Krewson, T. C., ladders, 801 Master, Philadelphia, Pa.
Krey Packing Co., meat, 21st & Breman av, St. Louis, Mo.
Kreymborg Architectural Co., 1029 E. 163d, New York.
Krick, P. Monroe, contractor, Reading, Pa.
Krick, Tyndall, & Co., brick, Decatur, Ind.
Krickwell Motor Co., 1373 E. 55th, Chicago, Ill.
Krider, C. V., architect, Paris, Tenn.
Kriebee & Co., pipe hangers, 826 Spring Garden, Phila., Pa.
Krieger, Ed., contractor, Clinton, Ia.
Krieger, J. P., Saddlery Co., Louisville, Ky.
Krieghoff Co., contrs., 1187 Bellevue, Detroit, Mich.
Kriegshaber, V. H., & Son, masons & bldrs.' matls., Atlanta, Ga.
Kriel, Chas. G., meat packers, 7 W. Henrietta, Baltimore, Md.
Krier Preserving Co., canned goods, Belgium, Wis.
Kries, Henry A., & Sons Co., heating contractors, Baltimore, Md.
Kries, Michael A., elec. light fix. mfrs., 303 W. Lombard, Baltimore, Md.
Kriete, J. E., canned goods, Dunnsville, Va.
Krietenstein, Carl, whol. & retail plate & window glass, Terre Haute, Ind.
Krietenstein, John, contractor, 35 N. Dearborn, Chicago, Ill.
Kring, Harvey H., architect, 6614 Colorado av, St. Louis, Mo.
Krippene Hardware Co., Oshkosh, Wis.
Krischer's Mfg. Co., stamping, belt buckles, etc., 186 Lewis, New York.
Kritenbrink, J. H., brick, South Omaha, Neb.
Kritzer Co., lime hydrating machinery, 72 W. Adams, Chicago, Ill.
Kroder, John, & Hy. Reubel Co., hdwe. mfrs., Meeker av, Brooklyn, N. Y.
Kroeger Bros., wood stains, 880 McKim, Baltimore, Md.
Kroeger Piano Co., Stamford, Conn.
Kroehler Bros., cornices & skylights, Plattsmouth, Neb.
Kroehles' A., Sons Co., leather harness, Jennings rd, S. W., Cleveland, Ohio.
Kroening Constr. Co., Majestic Bldg., Milwaukee, Wis.

Kroepke, W. H., steam & hot water htg. contr., 383 College av, New York.
Kroeschell Bros. Co., heating contrs. & steam litters supplies, 440 W. Erie, Chicago, Ill.
Kroeschell Bros. Ice Machine Co., 472 W. Erie, Chicago, Ill.
Krogh Mfg. Co., agricultural implements, 147 Beale, San Francisco, Cal.
Kroh, C. Irving, canned goods, Silver Run, Md.
Kroh, C. Z. Mfg. Co., auto. tops—dashes, Toledo, Ohio.
Krokyn, J. Frederick, architect, 44 Bromfield, Boston, Mass.
Kroll Bros., mchsts. & fndrs., 97 Essex, New York.
Krom Mach. Works, 170 Broadway, New York.
Kromholz, L., architect, 1765 Townsend av, New York.
Kronauer, Chas., & Co., harness mfrs., 844 Fulton, Chicago, Ill.
Kronbrodt Cornice Co., 1811 Troost av, Kansas City, Mo.
Kroncke, H. G., Hardware Co., Madison, Wis.
Krone, Chas., machinist, Davenport, Ia.
Krone, Kreutz F., Co., patterns & models, 204 1st, San Francisco, Cal.
Kronenberg, F. L., architect, Madison, Wis.
Kroner, Ernest, architect, Worcester Bldg., Portland, Ore.
Kroner, Fred., Hardware Co., La Crosse, Wis.
Kronheimer & Oldenbusch Co., silver nov., 362 5th av, New York
Kronman, E., cabinets, urns, etc., 40 Catherine, New York.
Kronmiller, Geo., & Son, umbrella mfrs., 139 N. Gay, Baltimore, Md.
Kronquest. August C., gas heaters, Maywood, Ill.
Kroonen, Leo., architect, Corona, Cal.
Kroot, Jos., scrap iron, Edinburg, Ind.
Kropff, Henry M., architect, Renshaw Bldg., Ptg., Pa.
Kropp, Carl, contractor, St. Cloud, Minn.
Kropp, E. C., & Co., advtg. post cards, Milwaukee, Wis.
Kropp Forge Co., forgings, etc., 2512 W. 21st, Chicago, Ill.
Kroske, Paul C., architect, David Whitney Bldg., Detroit, Mich.
Krouse, Geo., castings, bronze, brass, etc., 150 Morgan, Jersey City, N. J.
Krouse, P. J., architect, Meridian, Miss.
Krouse, W. E., & Bro., white metal castings, Bridgeport, Conn.
Krouskop, A. H., masons & bldrs.' matls., Richland Center, Wis.
Krout & Fite Mfg. Co., tex. machy. (tapes, braids & cords), Allegheny av & Emerald, Philadelphia, Pa.
Kruckemeyer, Edward H., architect, St. Paul Bldg., Cincinnati, Ohio.
Kruecke Bros. Mfg. Co., brass castings, 515 Park, Milwaukee, Wis.
Krueger, A. L., Lumber Co., 511 Lbr. Ex., Minneapolis, Minn.
Krueger, E. F., mchst. & fndr., Glenwood City, Wis.
Krueger & Lachmann Milling Co., wheat flour, Neenah, Wis.
Krueger, Wm., Co., whol. hdwe., mill & facty. supplies, Neenah, Wis.
Kruegl, Chas., architect, 1133 27th, San Diego, Cal.
Krug, G., & Son, archl. iron, 415 W. Saratoga, Baltimore, Md.
Krug, Geo. E., architect, 320 5th av, New York.
Krug, Geo. Edw., architect, Orlando, Fla.
Krug Paint Mfg. Co., 449 Kent av, Brooklyn, New York.
Krug, Wm., & Son Co., contractors, 6529 S. State, Chicago, Ill.
Kruger & Blind Co., boiler feed pumps, 511 Master, Phila., Pa.
Kruger, Philip J., mchst. & fndr., Greenville, Ill.
Krulewitch, E. M., contractor, 30 E. 42d, New York.
Krumbhaar, W. B., archit., 618 South, New Orleans, La.
Krumm, Martin, archl. iron, Columbus, Ohio.
Krumsiek, Hy., brick, Shackelford, Mo.
Krupp Foundry Co., Lansdale, Pa.
Kruse & Bahlmann Hardware Co., 410 Pioneer, Cincinnati, O.
Kruse & Banks, ship bldrs., North Bend, Ore.
Kruse & Dewenter, hot air furnaces, 427 E. Washington, Indianapolis, Ind.
Kruse, Fred'k., lumber mfrs., Fredonia, N. Y.
Kruse Hardware Co., Carlisle & Baymiller, Cincinnati, Ohio.
Kruse & Murphy Mfg. Co., sew'g mach., 100 E. 130th, New York.
Kruse Printing Ink Co., duplicator inks, typewriter ribbon & carbon paper, 437 Pearl, New York.
Kruse, Walter O., archit., Davenport, Iowa.
Kruse, Wm., & Co., cornices, 523 Wade, Cincinnati, Ohio.
Krusing, Geo. G., contractor, Jefferson, Wis.
K. & S. Specialty Mfg. & Sales Co., drinking fountains, Cleveland, Ohio.
Kubach, C. J., Co., contractors, 8th, Los Angeles, Cal.
Kuball, Albert C., architect, Lincoln Inn Court, Cincinnati, Ohio.
Kubias, F., & Co., steamfitters' supplies, Cedar Rapids, Ia.
Kubias, J. C., canned goods, Redlands, Cal.
Kuder, Chas. V., & Co., camp stoves, 5315 Wentworth av, Chicago, Ill.
Kuder, Millard A., masons' & bldrs.' matls., Allentown, Pa.
Kuebler Foundries, Easton, Pa.
Kuebler, J. M., Co., sash, door & blind, Wausau, Wis.
Kuehl Bros., machinists, 1218 Milwaukee av, Chicago, Ill.
Kuehl Clock Co., 125 N. Wabash av, Chicago, Ill.
Kuehl, L., & Co., mfrs., Saginaw, Mich.
Kuehn, F. C. W., architect, Huron, S. D.
Kuehn, Jordan Co., contrs., South Bend, Ind.
Kuehn & Metz, stor. batteries, 318 W. 48th, New York.
Kuehne, Carl Oscar, architect, 1572 N. Halsted, Chicago, Ill.
Kuehne, Chasey & Geisecke, architects, Littlefield Bldg., Austin, Tex.
Kuehnie, Jno., & Son, machinists, 2110 Colerain, Cincinnati, O.
Kuenzel Bros., brick & tile, Nevada, Ohio.
Kuenzel Mills Co., blankets, New Bremen, Ohio.
Kuenzli, E. O., archit., 82 Wisconsin, Milwaukee, Wis.
Kuenzli, Hy., & Co., masons' & bldrs.' matls., Milwaukee, Wis.
Kuert Contracting Co., Majestic Bldg., Indianapolis, Ind.
Kues Bros. Iron Works, archit. & ornamental iron, 1807 Cosber av, New York.
Kugler, Clarence B., Jr., & Co., masons' & bldrs.' matls., Land Title Bldg., Philadelphia, Pa.
Kugler, Geo. W., & Sons Co., lumber, 921 New Market, Philadelphia, Pa.
Kugler, Layton T., machinist, Lambertville, N. J.
Kugler Lbr. Co., Washington, N. C.
Kugler & Shane, founders, Woodall & Clement, Baltimore, Md.
Kuh Bros., brooms, corn, Sioux Falls, S. D.
Kuh, E. S., & Valk Co., stearic acid, glue, tallow & wax, etc., Produce Exchange, New York.
Kuhl & Bent Co., advtg. counsellors, 732 Sherman, Chicago, Ill.
Kuhl, Chas., Artificial Stone Co., 601 Hunt, Cincinnati, Ohio.
Kuhlke, M. D., machinist, Akron, Ohio.
Kuhlman Elec. Co., machinists, Elkhart, Ind.
Kuhlman Engrg. Co., light switches & panel board cabinets, Toledo, Ohio.
Kuhlman, G. C., Car Co., trucks (car, steam & elec.), Adams av & L. S. & M. S. Ry., Cleveland, Ohio.
Kuhlmann Hardware Co., 1320 Main, Cincinnati, Ohio.
Kuhlmann & Meyer, flour mills, California, Mo.
Kuhls, H. B. Fred, paints, 6413 3d av, Brooklyn, N. Y.
Kuhmarker Mfg. Co., paper cups, 260 West, New York.
Kuhn, E. C., umbrella mfr., 8 W. 4th, Cincinnati, Ohio.
Kuhn, J. L., & Co., contrs., Harrisburg, Pa.
Kuhn, J. R., Torpedo Co., Parkersburg, W. Va.
Kuhn Sash & Door Co., 204 N. E. 7th, Minneapolis, Minn.
Kuhne-Libby Co., lubrg. oils & greases, 51 Front, New York.
Kuhne, Paul, architect, 165½ E. 33d, Portland, Ore.
Kuhner Packing Co., meat, Muncie, Ind.
Kuhnert, L. C., Jr., Co., gas engines, 139 N. Wabash av, Chicago, Ill.
Kuhnla, August, cornices, skylights, 10 Lorimer, Brooklyn, N. Y.
Kuhns Bros., machsts. & fndrs., Dayton, Ohio.
Kuhn's Paint & Varnish Wks., Houston, Tex.
Kuhns, W. T., Lumber Co., Savannah, Ga.
Kulage Brick Wks., Hobart, Ind.
Kulas, Henry, archt., 883 Windlake av, Milwaukee, Wis.
Kullmann, Salz & Co., leather, Benicia, Cal.
Kulm Mill Co., flour, Kulm, N. D.
Kulp Bros. Brick Co., Columbus, Ohio.
Kulp Lbr. Co., Shamokin, Pa.
Kulzer, Jno. G., lumber, Valley, Wash.
Kump, E. J., architect, Rowell Bldg., Fresno, Cal.
Kumpf, C. R., contractor, Canton, Ohio.
Kunde, J. A., architect, Ripon, Wis.
Kundert Bros., cornices, Monroe, Wis.
Kundtz, Theo., Co., auto. wood bodies, school furniture, etc., Winslow & Elm, Cleveland, Ohio.
Kuner Pickle Co., canned, Denver, Colo.
Kuney, M. D., architect, Diamond, W. Va.
Kunkel Carriage Works, Galion, Ohio.
Kunkle, E. B., & Co., machsts. & fndrs., Ft. Wayne, Ind.
Kunst, John, children's vehicles, 70 Murray, New York.
Kuntz-Johnson Co., lumber mfrs., Dayton, Ohio.
Kuntz, Jos. F., architect, Westinghouse Bldg., Pittsburgh, Pa.
Kuntz, Peter, Co., lumber mfrs., Dayton, Ohio.
Kuntzendorf, C., & Co., trunk mfrs., 160 W. Van Buren, Chicago, Ill.
Kunz, Anthony, Jr., architect, 955 W. Court, Cincinati, Ohio.
Kunz Bros. & Messinger, machsts., Phoenix, Ariz.
Kunz Oil Co., 12 Wilder, Minneapolis, Minn.
Kunze, A. E., contractor, McKeesport, Pa.
Kunzi, Albert C., architect, 65 Elliott av, Brooklyn, N. Y.
Kupfer, Emil F., cut glassware, 239 Greenpoint av, Brooklyn, N. Y.
Kupfer, Otto A., architect, 1865 Millard av, Chicago, Ill.
Kupfer, Theo., machsts. & fndrs., Madison, Wis.
Kupferle Bros. Mfg. Co., brass fndrs., 600 N. 2d, St. Louis, Mo.
Kupferle, Jno. C., Fndry. Co., 1st & Wright, St. Louis, Mo.
Kupka & Follimel, pearl buttons, West New York, N. J.
Kupler, Theo., archl. iron, Madison, Wis.
Kurdle, Thos. J., meat packers, 3811 Eastern av, Baltimore, Md.
Kurfees, C. F., flour, Rockford, N. C.
Kurfees, J. F., Paint Co., Louisville, Ky.
Kurfiss, Selby H., archit., Scarritt bldg., Kansas City, Mo.
Kurke, W. F., architect, Fargo, N. D.
Kurrie Packing Co., meat packers, Taylor & 22d, Baltimore, Md.
Kurst, J. E., architect, Higgins Bldg., Los Angeles, Cal.
Kurtz, A. E., canned goods, Forest Hill, Md.
Kurtz Action Co., Rockford, Ill.
Kurtz Bag Co., 414 B'way, New York.
Kurtz Brass Bed Co. (Ltd.), Corry, Pa.
Kurtz Bros., interior woodwork & finish, Bethlehem, Pa.
Kurtz, L. H., Co., whol. hdwe. & plumbers' supplies, Des Moines, Iowa.
Kurtz, Langbein & Swartz, arch. engrs.' instrs. & supplies, 535 Wood, Pittsburgh, Pa.
Kurtz, N. M., Rattan Co., 155 Valencia, San Francisco, Cal.
Kurtz, W. W., canned goods, Moclips, Wash.
Kurtzer, William, architect, 1753 Boston rd, New York.

Kurtzman, C., & Co., pianos, 526 Niagara, Buffalo, N. Y.
Kurtzner Radiator Co., 7512 Carnegie av, Cleveland, Ohio.
Kurz & Root, switches, Appleton, Wis.
Kusel, D., & F. Co., cornices & skylights, & whol. hdwe., Watertown, Wis.
Kusel Telephone & Elect. Supply Co., 2212 Olive, St. Louis, Mo.
Kusener, Casper, architect, 804 Commercial av, Cairo, Ill.
Kush, Gustave, printers' blankets, 3 Park Row, New York.
Kushakow, Jacob, archl. & ornamental iron, 74 3rd av, New York.
Kushequa Brick Co., Kushequa, Pa.
Kushequa Keramic Co., promenade roofing tile, Kushequa, Pa.
Kusske, H. P., canned goods, Mayer, Minn.
Kuster, J. A., floor scrapers, Plymouth, Wis.
Kutner-Goldstein Co., cornices & skylights, Fresno, Cal.
Kutsche, A. W., & Co., Ford bldg., Detroit, Mich.
Kutsche, C. H., whol. hdwe., Grand Rapids, Mich.
Kuttawa Milling Co., flour, Kuttawa, Ky.
Kuttroff, Pickhardt & Co., Inc., chemicals, colors, paper makers' colors & dyestuffs, 128 Duane, New York.
Kutz & Gift, machsts. & fndrs., Allentown, Pa.
Kutztown Foundry & Machine Co., fndrs. & machsts., 1421 Chestnut, Philadelphia, Pa. *See adv index at end of book.*
Kutztown Lime & Crushed Stone Co., Kutztown, Pa.
Kvenild, B., archit., Brandeis Theatre, Omaha, Neb.
K-W Ignition Co., Chester av & E. 30th, Cleveland, Ohio.
K. & W. Rubber Co., tube reliners, Ashland, Ohio.
Kyle, Geo., masons' & bldrs.' matls., 73d c Grays av, Phila., Pa.
Kyle Lumber Co., Ltd., Franklin, La.
Kyle Oil & Gin Co., meal, Kyle, Tex.
Kyle & Purdy, motor boat, launch & yacht bldrs., City Island, N. Y.
Kyle, R. W., Co., steam heating contrs., Wheeling, W. Va.
Kyle, W., & Sons Co., canned goods, Florence, Ore.
Kynoch, Chas., & Co., mill & facty. supplies, St. Ignace, Mich.
Kyoto Mfg. & Trading Co., harness rings, lanterns, dice, etc., 31 E. 17th, New York.

Labaugh & Armstrong Wood Turn'g Co., bowling balls & pins, 50 Ann, New York.
La Beaume & Klein, architects, Chemical Bldg., St. Louis, Mo.
La Belle Box Co., pckg., Muskegon, Mich.
La Belle Iron Works, Steubenville, Ohio.
Laberge, Alphonse, contrs., Manchester, N. H.
La Boiteaux, C. L., Co., paper boards, etc., First Nat'l Bank Bldg., Cincinnati, Ohio.
Labouisse, S. S., architect, 730 Gravier, New Orleans, La.
Labovich, B., cornices & skylights, 1250 Tremont, Boston, Mass.
Labrot & Graham Co., distillers, Frankfort, Ky.
Lacchi, Primo, architect, 448 N. Luzerne av, Baltimore, Md.
Lacene Mfg. Co., machs. & fndrs., Manchester, N. H.
Lacey, Adin Benedict, architect, 1012 Walnut, Philadelphia, Pa.
Lacey, Geo. E., machinist, Salinas, Cal.
Lacey, R. S. & A. B., Washington, D. C.
Lacey, Sanford O., architect, Phelps Bk. Bldg., Binghamton, N. Y.
Lacey, T. I., & Son, architects, Kilmer Bldg., Binghamton, N. Y.
Lachele, Hy. L., cornices, 1511 Carmen av, Chicago, Ill.
Lachman & Murphy, architects, Witherspoon Bldg., Phila., Pa.
Lachmund Lumber & Coal Co., Sauk City, Wis.
Lachowsky, A. L., mach. & fndr., Morrillton, Ark.
Lack, F. T., & Son, architects, Ward Bldg., Shreveport, La.
Lack Mfg. Co., machsts., Paducah, Ky.
Lack Singletree Co., Paducah, Ky.
Lackawanna Bridge Co., Buffalo, N. Y.
Lackawanna Chemical Co., wood alcohol, Straight, Pa.
Lackawanna Leather Co., Hackettstown, N. J.
Lackawanna Lbr. Co., Scranton, Pa.
Lackawanna Mfg. Co., machsts., Ballston Spa, N. Y.
Lackawanna Steel Co., Buffalo, N. Y.
Lacke Elect. Mfg. Co., heat regulators, 8010 Constance av, Chicago, Ill.
Lackey, H. A., contractors, Carlisle, Pa.
La Clair & McNulty, granite, Barre, Vt.
La Claire & Eggleston, carriages, Big Rapids, Mich.
Lackland, L. C., & Sons, canned goods, Lithia, Va.
Laclede Brass Wks., 307 Cedar, St. Louis, Mo.
Laclede-Christy Clay Products Co., Manchester & Sulphur avs, St. Louis, Mo.
Laclede Iron Wks., 1315 Chestnut, St. Louis, Mo.
La Clede Mfg. Co., paint mfrs.' color cards, Buffalo, N. Y.
Laclede Steel Co., Federal Reserve Bk. Bldg., St. Louis, Mo.
Laco-Phillips Co., tungsten lamps, 131 Hudson, New York.
Laconia Car Co., 60 Congress, Boston, Mass.
Laconia Needle Co., Laconia, N. H.
Lacoste Hardware Co. (whol.), masons' & bldrs.' matls., Long Branch, N. J.
Lacour, Crammer & Co., masons' & bldrs.' matls., Long Branch, N. J.
Lacquer-All. Co., 86 Jefferson, Detroit, Mich.
La Crescent Canning Co., La Crescent, Minn.
Lacroix, W. & E. W., shoe counters, Lynn, Mass.
La Crosse Boiler Co., La Crosse, Wis.
La Crosse Bridge & Steel Co., La Crosse, Wis.
La Crosse Hammock Works, La Crosse, Wis.
La Crosse Knitting Works, knitted gloves, La Crosse, Wis.
La Crosse Lumber Co., Louisiana, Mo.
La Crosse Motor Truck Co., La Crosse, Wis.
La Crosse Plumbing Supply Co., La Crosse, Wis.
La Crosse Rubber Mills Co., La Crosse, Wis.
La Crosse Scrap Iron & Metal Co., Marietta, Ohio.
La Crosse Steel Roofing & Corrugating Co., La Crosse, Wis.
La Crosse Stone Co., contractors, La Crosse, Wis.
La Crosse Tractor Co., La Crosse, Wis.
La Crosse Well Drill Works, well drilling machy., La Crosse, Wis.
La Crosse Woolen Mills, wool batting, La Crosse, Wis.
Lacy, Jas. J., Co., propeller wheels, Block & Wills, Baltimore, Md.
Lacy Mfg. Co., steel plate work, Los Angeles, Cal.
Ladd, C. M., lbr., Worcester, Vt.
Ladd, Carrol W., architect, 101 Park av, New York.
Ladd, Geo. T., Co., watertube boilers, Farmers Bank bldg., Pittsburgh, Pa.
Ladd, Geo. W., & Co., elastic hosiery, 34 Columbus, Boston, Mass.
Ladd, Jno. W., Co., machsts. & fndrs., Detroit, Mich.
Ladd Lime & Stone Co., Atlanta, Ga.
Ladd, W. C., telephone bells, lantern holders, etc., Bristol, Conn.
Lade, Rudolph, heating contrs., 1730 Galena, Milwaukee, Wis.
Ladel Mfg. Co., rolling mill warehouse, trunks, etc., New Philadelphia, Ohio.
Ladehoff & Sohn, architects, Clinton, Ia.
Laderer, W. C., Carriage Co., Zelienple, Pa.
Ladew, Edw. R., Co., belting mfrs., mill & facty. supplies, etc., 54 Franklin, New York, & at Boston, Chicago & Philadelphia.
Ladew, Jones Co., lthr. belting butts, 105 South, Boston, Mass.
Ladewig Stock Co., casseroles, crucibles, cups & milk pasteurizer & machsts., Waukesha, Wis.
Ladish Drop Forge Co., Cudahy, Wis.
Ladner, C. F., Hardware Co., cornices & skylights, St. Cloud, Minn.
Ladoga Canning Co., Ladoga, Ind.
Ladow, J. S., architect, 47 Corliss av, Poughkeepsie, N. Y.
Ladue & Rables, architects, Kresge Bldg., Detroit, Mich.
Ladysmith Brick & Tile Co., Ladysmith, Wis.
Laechle, W. C., & Co., granite producers, 30 N. La Salle, Chicago, Ill.
La Farge Co., archit., 101 Park av, New York.
Lafarge Lumber Co., Lafarge, Wis.
La Farge & Morris, architects, 101 Park av, New York.
Lafave, J. R., Lbr. Co., Croghan, N. Y.
La Favorite Rubber Co., packing mfrs., Hawthorne, N J.
Lafaye, Geo. E., architect, Columbia, S. C.
Lafayette Box Board & Paper Co., Lafayette, Ind.
Lafayette College, engng. school & coll., Easton, Pa.
La Fayette Corn Flour Mills, grits, Lafayette, Ind.
Lafayette, Cornwell, architect, Connersville, Ind.
Lafayette Cotton Mills, Lafayette, Ga.
Lafayette Cotton Oil Mills, Lafayette, Ala.
Lafayette Elec. & Mfg. Co., lightning arresters, telephones, etc., Lafayette, Ind.
Lafayette Engineering Co., Lafayette, Ind.
Lafeyette Fence Works, ornamental bronze & iron gates, Lafayette, Ind.
Lafayette Fertilizer Co., Lafayette, Ga.
Lafayette Lbr. Co., interior hardwood work, Lafayette, Ind.
Lafayette Mill & Lbr. Co., Lafayette av & P. B. & W. R. R., Baltimore, Md.
Lafayette Mills Co., turkish towels, Howard & Lehigh av, Philadelphia, Pa.
Lafayette Mirror Co., furniture tops, 173 Grand, New York.
Lafayette Roller Mills, flour, Lafayette, Ga.
Lafayette Stamping & Enameling Co., West Lafayette, Ohio.
Lafayette Sugar Refining Co. (Ltd.), New Orleans, La.
Lafayette Window Glass Co., Clarksburg, W. Va.
Laferty, J. E., architect, 11 E. Pleasant, Baltimore, Md.
Laffargue Co., pianos, E. 134th & Cypress av, New York.
Lafferty, Sam'l J, & Sons, cornices, Springfield, Ohio.
Laflamme, Frank X,, contractor, Manchester, N. H.
Laflan Paper Co., roof sheathing & bldg. paper, York, Pa.
La Follette Coal & Iron Co., blast furnaces & iron ores, La Follette, Tenn.
Lafond, T., & Son, sewer pipes, Kankakee, Ill.
Lafontaine Handle Co., Decatur, Ind.
La France, L. A., contractor, Holyoke, Mass.
Laganke, Chas. F., machsts., 116 St. Claire av, N. E.,, Cleveland, Ohio.
Lagarde Lime & Stone Co, Anniston, Ala.
Lagasse, Paul, contractor, 826 9th, New Orleans, La.
Lage, B. H., artistic tile & floor mosaics, 484 Greenwich, New York.
Lage Canning Co., Eau Claire, Wis.
Lagerduist, Gust., elevators, 516 N. 3d, Minneapolis, Minn.
Lageschulte & Hager, masons' & bldrs.' matls., Barrington, Ill.
Lagonda Mfg. Co., boiler tube cleansers, etc., Springfield, Ohio.
Lagoon Co., turpentine, Apalachicola, Fla.
La Grande Milling Co., flour, La Grande, Ore.
La Grange, A., contractor, Schenectady, N. Y.
La Grange Fdry. Co., Quincy, Ill.
La Grange Mach. Repair Co., La Grange, Ind.
La Grange Mills, flour, Red Wing, Minn.
La Grange Pearl Button Co., La Grange, Mo.

Lagrange Specialty Co., brick, Lagrange, Ind.
Lahan Stove & Mfg. Co., Quincy, Ill.
Lahoma Roller Mills, flour, Lahoma, Okla.
Lahue, M. M., & Co., machsts., Lowell, Mass.
Laib, Arthur J., architect, Russ Bldg., San Francisco, Cal.
Lalb Co., plumbers, mill & facty. supplies, & jobbers, 1401 S. 8th, Louisville, Ky.
Laidlaw, Adam, & Co., contractors, Bessemer Bldg., Pittsburgh, Pa.
Laidlaw-Dunn-Gordon Co., machsts. & fndrs., Cincinnati, Ohio.
Laidlaw, R., Lbr. Co., Buffalo, N. Y.
Laimbeer, John, Jr., contractor, 103 Park av, New York.
Lain, Ira D., contr., Bloomington, Ill.
Laing, Harrar & Chamberlin, heel plates, 42 N. 3d, Phila., Pa.
Laing Mach. Auto. Repair Co., Plainfield, N. J.
Lainhart & Potter, masons' & bldrs.' matls. & lumber, West Palm Beach, Fla.
Lair, John M., contractor, Gloversville, N. Y.
Laird & Sons, marine ry. bldrs., Ashtabula, Ohio.
Laird, Warren P., archit., Univ. of Pa., Philadelphia, Pa.
Laird & Wilson Mfg. Co., excelsior, Crandon, Wis.
La Junta Brick & Tile Co., La Junta, Colo.
Lake Breeze Motor Co., fans, oil or alcohol driven, 560 West Monroe, Chicago, Ill.
Lake Building Material Co., 2144 W. 47th, Chicago, Ill.
Lake Champlain Pulp & Paper Co., Plattsburg, N. Y.
Lake Charles Carriage & Implement Co., Lake Charles, La.
Lake Charles Planing Mill Co., Lake Charles, La.
Lake Charles Rice Milling Co., Lake Charles, La.
Lake City Stone Co., Dunkirk, N. Y.
Lake County Canning Co., Ukiah, Cal.
Lake Erie Boiler Wks., Buffalo, N. Y., & 2503 Elm av, Cleveland, Ohio.
Lake Erie Builders' Supply Co., Schofield bldg., Cleveland, Ohio.
Lake Erie Dredging Co., Morgan Bldg., Buffalo, N. Y.
Lake Erie Dry Dock & Mill Co., Sandusky, Ohio.
Lake Erie Engng. Wks., Buffalo, N. Y.
Lake Erie Forging Co., Cleveland, Ohio.
Lake Erie Fndry. Co., Buffalo, N. Y., & Girard, Pa.
Lake Erie Iron Co., bolts & nuts, ft. of E. 63d, Cleveland, Ohio.
Lake Erie Limestone Co., Youngstown, Ohio.
Lake Erie Lumber & Supply Co., 5459 Hamilton av, Cleve., O.
Lake Erie Mfg. Co., pumps, valves, etc., Buffalo, N. Y.
Lake Erie Ore Co., 1025 Rockefeller Bldg., Cleveland, Ohio.
Lake Erie Provision Co., meat packers, Clark av & C. C. C. & St. L. Ry., Cleveland, Ohio.
Lake Erie Rubber Co., packing mfrs., Erie, Pa.
Lake Erie Sand Co., Sandusky, Ohio.
Lake Erie Smelting & Refining Co., 7900 Bessemer av, Cleve., O.
Lake, Frank G., lumber, Atlanta, Ga.
Lake & Harris, masons' & bldrs.' matls., Harvard, Ill.
Lake, Lily, Canning Co., Mountain Grove, Mo.
Lake Mills Canning Co., Lake Mills, Ia.
Lake Odessa Milk Co., canned, Lake Odessa, Mich.
Lake Placid Lumber & Supply Co., masons' & bldrs.' matls., Lake Placid, N. Y.
Lake Riley Mill Co., lumber, Hazel, Wash.
Lake & Risley Co., masons' & bldrs.' matls., Pleasantville, N. J.
Lake, Robert, Co., masons' & bldrs.' matls., Jackson, Mich.
Lake Sand Co., 19 S. La Salle, Chicago, Ill.
Lake Shipbuilding Co., Buffalo, N. Y.
Lake Shore Canning Co., Sheboygan, Wis.
Lake Shore Construction & Supply Co., Dunkirk, N. Y.
Lake Shore Elec. Ry. Co., machsts. & fndrs., Fremont, Ohio.
Lake Shore Engine Works, Marquette, Mich.
Lake Shore Sand & Gravel Co., Cuyahoga & W. 3d, Cleveland, O.
Lake Shore Shale Bank Co., Ashtabula, Ohio.
Lake Shore Stone Co., 1406 1st Nat. Bk. Bldg., Milwaukee, Wis.
Lake Superior Brass Fdry., Laurium, Mich.
Lake Superior Electrical Co., Superior, Wis.
Lake Superior Iron & Chemical Co., blast furnaces, Ishpeming, Mich.
Lake Superior Knitting Wks., sweaters, cardigans, etc., Appleton, Wis.
Lake Superior Lumber Co., Ellsworth & McPherson, Kans.
Lake Superior Piling Co., ties, poles & posts, 961 22d, Chicago, Ill.
Lake Superior Stone Brick Co., Calumet, Mich.
Lake Torpedo Boat Co., machsts., Bridgeport, Conn.
Lake Union Brick Co., common, Seattle, Wash.
Lake View Brick Co., 2756 Irving pk, Chicago, Ill.
Lakeside Bridge & Steel Co., steel structural work, N. Milwaukee, Wis.
Lakeside Craft Shops, card tables, Sheboygan, Wis.
Lakeside Dist. Co., 140 W. Water, Milwaukee, Wis.
Lakeside Dredging Co., contrs., Penobscot Bldg., Detroit, Mich.
Lakeside Forge Co., Erie, Pa.
Lakeside Fdry., Muskegon, Mich.
Lakeside Foundry Co., engine pistons, Lycaste av & Det. Terminal Ry., Detroit, Mich.
Lakeside Malleable Castings Co., Racine, Wis.
Lakeside Motor Truck Co., 3751 Wentworth, Chicago, Ill.
Lakeside Paper Co., Menasha, Wis.
Lakeview Milling Co., flour, Lakeview, Mich.
Lakewood Chemical Co., carbon removers, Schofield Bldg., Cleveland, Ohio.
Lakewood Engineering Co., construction & industrial equipment, Cleveland, Ohio. *See adv index at end of book.*
Lakewood Lumber Co., sash, door & blind, 10217 Beria rd, Cleveland, Ohio.
Lakey, A. L., Co., paint mfrs., Kalamazoo, Mich.
Lakey, C. T., roll coverers, Georgiaville, R. I.
Lakin, Bruce, machsts., Sidney, N. Y.
Laks & Zucker, trunk mfrs., 386 W. B'way, New York.
Lalance & Grosjean Mfg. Co., machsts. & fndrs.—seamless stamped metal & enamel wares, 299 B'way, New York.
§La Liberte Bros., contractors, Holyoke, Mass.
Lallie Surveying Instrument & Supply Co., Denver, Colo.
Lalor, W. M., water stills, Manhattan bldg., Chicago, Ill.
Lally Commercial Body Co., auto hoists, Everett, Mass.
Lalley Electro Lighting Co., 1823 Mt. Elliot av, Detroit, Mich
Lally, Jas. H., masons' & bldrs.' matls., Olyphant, Pa.
Lally, M., & Co., coffee roasters, 29 W. 3d, Cincinnati, Ohio.
Lam Building Co., 1001 Wood, Philadelphia, Pa.
Lamar Fertz. Co., Lamar, S. C.
Lamar Ginning & Cottonseed Exchange Co., fertilizer mfrs., Lamar, S. C.
Lamar, L., & E., meal—cottonseed, Selma, Ala.
La Marche & Brault, contractors, Plattsburg, N. Y.
Lamb Bros. & Greene, electric portables, Nappanee, Ind.
Lamb-Davis Lumber Co., Leavenworth, Wash.
Lamb, F. W., Co., htg. contrs., 24 E. Kinzie, Chicago, Ill.
Lamb-Fish Lumber Co., Charleston, Miss.
Lamb, Frank H., Timber Co., lbr., Hoquian, Wash.
Lamb, Geo. L., piano benches, Nappanee, Ind.
Lamb, J. K., machy. dlrs., 246 Chestnut, Philadelphia, Pa.
Lamb, J. & R., furn., stained glass, etc.—decorative architects, 25 6th av, New York.
Lamb, John J., contractor, Summit, N. J.
Lamb Knit Goods Co., gloves & mittens, Colon, Mich.
Lamb Knitting Machine Co., planer stops, knitting machy., etc., Chicopee Falls, Mass.
Lamb Machine Co., dlrs., Hoquiam, Wash.
Lamb, Maskell T., glass stainers, 233 Berrgen, Brooklyn, N. Y.
Lamb & Richie Co., speaking tubes, stainers, pipe, etc., Cambridge, Mass.
Lamb, Thos. W., architect, 644 8th av, New York, & 112 Water, Boston, Mass.
Lamberg, A., & Co., machy. dlrs., 243 Centre, New York.
Lamberson, C. A., & Co., flour mills, Colon, Mich.
Lambert Bros. & Wirt, contractors, Delaware, Ohio.
Lambert, Chas. B., architect, Walla Walla, Wash.
Lambert Gas & Gasoline Engine Co., Anderson, Ind.
Lambert-Grisham Hardware Co., Henderson, Ky.
Lambert, H., Co., masons' & bldrs.' matls., Beaverville, Ill.
Lambert & Hartsoak, architects, Travelers Bldg., Richmond, Va.
Lambert Hoisting Engine Co., machsts., 117 Poinier, Newark, N. J.
Lambert, Jacob, flour mills, Rapid City, S. Dakota.
Lambert Lumber Co., Leavenworth, Kans.
Lambert Machine Co., Marshall, Mich.
Lambert Multiplus Co., belting mfrs., 110 Union av, Portland, Ore.
Lambert, P. W., Co., advert. nov. & specialties, 64 Lispenard, New York.
Lambert, R. R., Co., common brick, Taggart & Crispen, Ptg., Pa.
Lambert & Todd Mach. Co., Camden, N. J.
Lambert, Wm. A., architect, Woolworth Bldg., New York.
Lamberton, W. W., carriages, Brainerdsville, N. Y.
Lambertville Iron & Steel Co., Lambertville, N. J.
Lambertville Pottery Co., Lambertville, N. J.
Lambertville Rubber Co., shoes, balls, etc., Lambertville, N. J.
Lambertville Stone Quarry Co., 1218 Filbert, Philadelphia, Pa.
Lamberty & Co., cornices, 4917 S. Ashland av, Chicago, Ill.
Lambeth Rope Corp. Co., New Bedford, Mass.
Lamble, C. S., & Co., contractors, Tramway Bldg., Denver, Colo.
Lamble, Jas B., Co., machsts., 1415 N. Y. av, N. W., Wash., D. C.
Lambou & Noel Lbr. & Mfg. Co., New Orleans, La.
Lamb's, Daniel, Son, whol. hdwe., Saugerties, N. Y.
Lamdin, Wm. D., archit., 11 E. Pleasant, Baltimore, Md.
Lamey & Co., masons' & bldrs.' matls., Barrington, Ill.
Laminated Shim Co., 533 Canal, New York.
Lamm, Edw. C., sash, door & blind mfrs., Danville, Ill.
Lammerding, John, contractor, Elizabeth, N. J.
Lammert & Mann, machsts., 221 N. Wood, Chicago, Ill.
Lammond & Robertson Co., cocoa mats, Paterson, N. J.
La Mont, A. G., architect, Clarksburg, W. Va.
La Mont Chemical Co., Kane, Pa.
Lamont Engine Co., 1470 Jefferson, Detroit, Mich.
Lamont, Matthew, Sons Co., lbr. mfrs., Bay City, Mich.
La Monte, Geo., & Son, paper, 61 B'way, New York.
Lamoreaux Bros., contrs., Brandies Theatre Bldg., Omaha, Neb.
Lamoureux, F. & Co., cornices, 39 Friendship, Providence, R. I.
Lamoxeaux, Lowell A., archit., 830 Hennepin av, Minneapolis, Minn.
Lamos, Chas. A., Co., sash, door & blind mfrs., Peekskill, N. Y.
Lamp, John J., architect, Orange, N. J.
Lamp & Miller Mfg. Co., machsts. & fndrs., 382 4th, Milwaukee, Wis.
Lamparter, Geo., Sons, glue mfrs., Lancaster, Pa.
Lampel, F. L., chamois importers, 315 Locust, St. Louis, Mo.
Lamper, J. B., & W. A., masons' & bldrs.' materials, Lynn, Mass.
Lampitt, Ed. F., masons' & bldrs.' matls., Pekin, Ill.

Lamphear, Henry L., contractor, Rahway, N. J.
Lampman, J. T., & Co., buckwheat flour, Claverack, N. Y.
Lamprey Co., arch. boiler plates, 283 Elm, Westfield, Mass
Lampson Lbr. Co., New Haven, Conn.
Lamson Co., telegraph instruments, 15 W. 44th, New York.
Lamson Co., carriers, conveyors, cone counting machines, etc., 100 Boylston, Boston, Mass.
Lamson Cutter Head Co., machsts., 30 N. Jefferson, Chicago, Ill.
Lamson, E. F., machsts. & fndrs., Abington, Mass.
Lamson & Goodnow Mfg. Co., knives, Shelburne Falls, Mass.
Lamson-Gray Construction Co., Fergus Falls, Minn.
Lamson, J. H., & Sons, masons' & bldrs.' matls., Randolph, Vt.
Lamson, John S., & Bro., waterproof'g mats., etc., 347 Madison av, New York.
Lamson & Sessions Co., bolt & nut mfrs., 2188 Scranton rd, S. W., Cleveland, Ohio.
Lana Construction Co., Council Bluffs, Ia.
Lanark Canning Co., Lanark, Ill.
Lancaster, A., & Co., blankets, woolen, Chester, N. J.
Lancaster Board & Paper Co., Lancaster, Mass.
Lancaster Bone fertilizer Co., Lancaster, Pa.
Lancaster Brick Co., Lancaster, N. H.
Lancaster Brick & Tile Co., Builders Exch., Buffalo., N. Y.
Lancaster, C. G., architect, Marshall, Tex.
Lancaster Cement Paving Co., Lancaster, Pa.
Lancaster Chemical Co., fertilizer mfrs., Lancaster, Pa.
Lancaster Clamp Window Shade Pull Co., hardware mfrs., Lancaster, Pa.
Lancaster Cork Works (see Armstrong Cork Works), Pittsburgh, Pa.
Lancaster Cotton Mills, sheetings, Lancaster, S. C.
Lancaster Cut Stone Co., Lancaster, Pa.
Lancaster Elevator & Flour Mills, Lancaster, Ky.
Lancaster Foundry Co., castings, Lancaster, Pa.
Lancaster Glass Co. Lancaster, Ohio.
Lancaster, Harry, contractor, Utica, N. Y.
Lancaster, Harry, & Co., flooring, hard wood, Lebanon, Ky.
Lancaster Iron Wks., brake shoes & tank mfrs., Lancaster, Pa.
Lancaster Leather Co., Lancaster, Ohio.
Lancaster Lens Co., Lancaster, Ohio..
Lancaster & Libby, architects, 11 Exchange, Portland, Me.
Lancaster Lime & Supply Co., masons' & bldrs.' matls., Lancaster, Pa.
Lancaster Lumber & Mfg. Co., Lancaster, Ky.
Lancaster Mach. & Knife Wks., Lancaster, N. Y.
Lancaster Machine & Structural Works, steel, Lancaster, Pa.
Lancaster Paint & Glass Co., Lancaster, Pa.
Lancaster Roller Mills, flour, Kilmarnock, Va.
Lancaster Steel Products Co., steel & rods, Lancaster, Pa.
Lance, Arch., contractor, Washington, N. J.
Lance, Geo. A., machsts. & bldrs., Watertown, N. Y.
Lance, L. D., architect, Hill Crest, Reading, Pa., & Wyomissing, Pa.
Lanctot, contractors, 700 Ellicott sq, Buffalo, N. Y.
Land, Chas. D., contractor, 28th & Cambria, Philadelphia, Pa.
Land Construction Co., St. Joseph, Mo.
Land Milling Co., flour, Neodesha, Kans.
Land, Mose H., flour mills, Marshall, Mo.
Landa, A., & Sons Co., advtg. nov. & spec., 1706 Foster av, Chicago, Ill.
Landan Bros., contractors, 311 2d av, Pittsburgh, Pa.
Landau Cabinet Co., cedar chests & kitchen cabinets, Frisco Viaduct, St. Louis, Mo.
Landau, Henry W., fire extinguisher, 104 N. J. Railroad av, Newark, N. J.
Lande, S., & Co., corn brooms, 160 W. Kinzie, Chicago, Ill.
Landeck Lbr. Co., 1st Nat. Bk. Bldg., Milwaukee, Wis.
Landien, J. C., contractor, Jackson, Miss.
Landenbach, H. L., architect, Sidney, Ohio.
Lander & Ayer, lbr. mfrs., Bingham, Mo.
Lander, Isaac, & Son, marble prod., Binghamton, N. Y.
Landers Bros. Co., artificial leather oil cloth, Toledo, Ohio.
Landers, Frary & Clark, fruit presses, hdwe. mfrs., machsts. & fndrs, etc., New Britain, Conn.
Landers Lumber & Cement Co., Springfield, Mo.
Landers, Morrison & Christenson Co., masons' & bldrs.' matls., Lumber Exch., Minneapolis, Minn.
Landers, W. E., Co., fndrs., Syracuse, N. Y.
Landgraff, Frank, brick, Albion, Ind.
Landis Brick Co., New Cumberland, Pa.
Landis, E. M., machinist, Toledo, Ohio.
Landis Engng. & Mfg. Co., clocks, all kinds, Waynesboro, Pa.
Landis, Jerome S., architect, Souderton, Pa.
Landis Machine Co., bolt & nut threading mach., Waynesboro, Pa., and 258 Mullanphy, St. Louis, Mo.
Landis Milling Co., flour, Landis, N. C.
Landis, S. H., & Bro., handles, carriage hubs, etc., Quakerstown, Pa.
Landis Tool Co., grinders, Waynesboro, Pa.
Landis, Wm. G., masons' & bldrs.' matls., Norristown, Pa.
Landon, E. R., iron works, 166 N. May, Chicago, Ill.
Landon, Walter C., & Co., masons' & bldrs.' matls. & wholesale hdwe., Rutland, Vt.
Landor, Edward J., contractor, Canton, Ohio.
Landreth Machinery Co., dealers, Joplin, Mo.
Landreth, W. H., machsts. & fndrs., Ritzville, Wash.
Landsberger, Hugo, Co., ivory imp., 260 W. B'way, New York.
Landshaft, Wm., & Sons, automobile bldrs., 2900 Darwin tr., Chicago, Ill.
Landsman, Geo. M., architect, 502 W. 34th, New York.
Landvoigt, Albert E., architect, 1403 N. Y. av, Washington, D. C.
Landy Stove & Range Co., 1402 N. 16th, St. Louis, Mo.
Lane, A. W., contractor, 19 La Salle, Chicago, Ill.
Lane, Alb. A., Jacquard cards, 73 Warren, New York.
Lane, B. R., machsts., St. Louis, Mich.
Lane & Bodley Co., Tennessee av & Paddock rd., Cincinnati, Ohio.
Lane Bros., contractors, Melrose, Mass.
Lane Bros., stone, 910 S. Main, Los Angeles, Cal.
Lane Bros. Co., machsts. & fndrs., Poughkeepsie, N. Y.
Lane, C. L., pails & buckets, wood, East Swanzey, N. H.
Lane, C. M., Life Boat Co., 250 Huron, Brooklyn, N. Y.
Lane, C. W., & Co., contractors, Atlanta, Ga.
Lane, Chas. R., mill & facty. supplies, masons' & bldrs.' matls., Haverstraw, N. Y.
Lane, Chas. W., carriages, Butte, Mont.
Lane Construction Corp., Meriden, Conn.
Lane, D. & A. W., lbr. mfrs., Iron City, Ga.
Lane, D. T., & Sons, machsts. & fndrs., Franklin, Pa.
Lane, F. M., machsts. & fndrs., Memphis, Tenn.
Lane, G. W. & C. A., mill & facty. supplies, Exeter, N. H.
Lane, Geo. W., & Co., contractors, Lewiston, Me
Lane, H. M., Co., mill engnrs., Owen bldg., Detroit, Mich.
Lane, Ira G., Co., htg. contrs., pipe hangers, 1077 3d av, New York.
Lane, J. H., & Co., filter cloths, bags, cotton duck, etc., 334 4th av, New York.
Lane, J. L., & Co., lumber mfrs., 11 S. La Salle, Chicago, Ill.
Lane, Jno. S., & Son, stone producers, Meriden, Conn.
Lane & Maloney Contr. Co., Newton Center, Mass.
Lane Mfg. Co., power transmitting & wood cutting machy., Montpelier, Vt.
Lane Mfg. Co., clothing fasteners, buttons, etc., Waterbury, Conn.
Lane, Maurice F., contrs., Syracuse, N. Y.
Lane Mill & Mach'y Co., Chilian mills, Los Angeles, Cal.
Lane Motor Truck Co., Kalamazoo, Mich.
Lane-Pyke-Werkhoff Co., htg. contrs., Lafayette, Ind.
Lane Quarry Co., stone producers, Meriden, Conn.
Lane, Roy E., archit., Chamber of Commerce Bldg., Waco, Tex.
Lane & Sutliff, machsts., Eureka, Cal.
Lane, T. W., carriages & auto. bodies, Amesbury, Mass.
Lane, Thos., Co., ornamental iron work, Farmers' Bank Bldg., Pittsburgh, Pa.
Lane, W. T., & Bro., canvas baskets, trucks, etc., Poughkeepsie, N. Y.
Lane & Wyman, architects, 576 Quinnipiac av, Bridgeport, Conn.
Laner, True & Co., sashes, doors & blinds, Byesville, Ohio.
Lanesboro Canning Co., Lanesboro, Minn.
Lanese Co., contractors, Guardian Bldg., Cleveland, Ohio.
Lanett Cotton Mills, West Point, Ga.
Lang Body Co., automobile bodies, W. 106th, Cleveland, Ohio.
Lang Broom Co., corn, 2029 Chateau, Pittsburgh, Pa.
Lang & Bro. Mfg. & Mercantile Co., masons' & bldrs.' matls., Farmington, Mo.
Lang, C. E., Co., cornices, Mishawaka, Ind.
Lang, C., & Son, stone, Vine & Ehrman av, Avon, Cincinnati, Ohio.
Lang Canning & Preserving Co., Beatrice, Nebr.
Lang Chemical Co., boiler compound, 307 Grand River av, Detroit, Mich.
Lang & Cochran, machinists, Wasea, Minn.
Lang, E. & C., stone producers, Columbus, Ohio.
Lang, E. D., stone producers, Canton, Ohio.
Lang, E. M., Co., soldering, canning & sizing machs., etc., Portland, Me.
Lang, Eugene J., architect, 477 5th av, New York.
Lang, F. S., Mfg. Co., stove mfrs., Seattle, Wash.
Lang, Hy., Co., patent lthr., 17th av, Newark, N. J.
Lang, J. A., & Sons, mach'y, 280 Dover, Boston, Mass.
Lang, J. B., Engine & Garage Co., machsts. & fndrs., Ithaca, N. Y.
Lang, J., Elec. Co., machsts., 123 N. Lincoln, Chicago, Ill.
Lang, J. M., & Co., acid phosphate, Savannah, Ga.
Lang, John, Paper Co., 24th & Vine, Philadelphia, Pa.
Lang Propeller Co., airplane proplrs., 527 5th av, New York.
Lang, R. B., Mfg. Co., machsts., Racine, Wis.
Lang, R. F., copper & aluminum solder, 8 Bridge, New York.
Lang, Robt. A., architect, Eau Claire, Wis.
Lang & Scharmann, machsts. & fndrs., Marshfield, Wis.
Lang, Wm., & Sons Co., iron, Patterson nr. Bank, Cincinnati, Ohio.
Lang & Witchell, architects, Southwestern Life Bldg., Dallas, Tex.
Langan, P. T., Lumber Co., Cairo, Ill.
Langan, Thos., Lumber Co., Perth Amboy, N. J.
Langdon, C. S., lbr. mfrs. & wholesale dlrs., 71 Beaver, New York.
Langdon & Hohly, architects, Nicholas Bldg., Toledo, Ohio.
Langdon, Horace, machinist, Monterey, Cal.
Langdon, Jas. G., landscape arch., Munsey Bldg., Baltimore, Md.
Langdon Lime & Cement Co., Salt Lake City, Utah.

Lange, August K., pipe hooks, clamps & hangers, 606 E. 15th, New York.
Lange & Bergstrom, contractors, Sharon Bldg., San Francisco, Cal.
Lange Bros., contrs., Champaign, Ill.
Lange Canning Co., Eau Claire, Wis.
Lange, Ferdinand, contractor, Wilkes-Barre, Pa.
Lange, H. G., machst., 162 N. May, Chicago, Ill.
Lange, John A., architect, Security Bldg., St. Louis, Mo.
Lange Machine Works, cutter heads & stove rejoining machy., Aurora, Ill.
Lange Motor Truck Co., 145 S. St. Claire, Pittsburgh, Pa.
Lange Soap Co., oils, San Antonio, Tex.
Langelier Mfg. Co., builders of multiple drilling, hammering & swaging machines, Arlington, Providence, R. I.
Langenan Mfg. Co., hdwe. mfrs., 8403 Franklin av, N. W., Cleveland, Ohio.
Langenberg, Wm. E., common brick, Stevens Point, Wis.
Langenberger Const. Co., 302 6th, Milwaukee, Wis.
Langenbrunner & Son, horse collars, 315 Hammond, Cincinnati, Ohio.
Langenfeld, Jno., machst., Marytown, Wis.
Langer, Nathan, architect, 81 E. 125th, New York.
Langever, J. J., elec. illuminated signs, Fort Worth, Texas.
Langfeld Bros. & Co., advtg. nov., 1421 Wallace, Phila., Pa.
Langford, Geo., contractor, Allsky Bldg., Portland, Ore.
Langguth Olson Co., elect. irons, 120 Liberty, New York.
Langham, Wm., masons' & bldrs.' matls., Keysport, Ill.
Langland Mfg. Co., pckg. box, sash, door & blind mfrs., Muskegon, Mich.
Langley, Chas. A., contractor, 310 12th, N. W., Washington, D. C.
Langley, Edward, architect, Connell Bldg., Scranton, Pa.
Langley, Geo. H., Lbr. Co., Rochester, N. H.
Langley & Scampini, granite, Concord, N. H.
Langlois Co., mill & facty. supplies, Racine, Wis.
Langlotz, G. G., & Co., trunk mfrs., Washington, D. C.
Langmaid, J. P., & Son, masons' & bldrs.' matls., 311 Derby, Salem, Mass.
Langrall, J., & Bro., canned goods, 2105 Aliceanna, Baltimore, Md.
Langsenkamp, F. H., faucets, pipe bends, etc., Indianapolis, Ind.
Langsenkamp-Wheeler Brass Wks.. machsts. & fndrs., Indianapolis, Ind.
Langslow, Fowler Co., school furniture, Rochester, N. Y.
Langstad & Meyer Co., elec. light plants, Appleton, Wis.
Langstaff-Orm Mfg. Co., lumber mfrs., Paducah, Ky.
Langston, Sam'l M., Co., textile machy. supplies, etc., Camden, N. J.
Langstroth, T. W., horse feed bags, blankets, halters, surcingles, etc., 77 Warren, New York.
Langtry Mach. & Tool Co., 700 Commonwealth av, Detroit, Mich.
Langville Woolen Mills Co., blankets, flannels, woolen, Langville, Pa.
Langworthy, Leslie P., architect, 37 Weybosset, Providence, R. I.
Langworthy, R. O., archt., 608 E. Georgia av, San Antonio, Tex.
Lanier, Dennis, brick, Chinquapin, N. C.
Lanigan Bros., contractors, Bronx River & 165th, New York.
Lanigan & Rosemont Elec. Co., dynamo & motor mfrs., 403 Houston, New York.
Laning, Geo. D., canned goods, Bridgeton, N. J.
Laning, W., & Son Co., canned goods, Bridgeton, N. J.
Lankford, J. A., architect, 1863 Pearce, Jacksonville, Fla.
Lankford, Robt., dry docks & marine rys., Bayonne, N. J.
Lanman, E. B., Co., wrought iron washers, 80 Jackson blvd., Chicago, Ill.
Lanman, Wm. H., contractor, 165 B'way, New York.
Lann & Carter Hardware, Aberdeen, Miss.
Lannert Co., machsts., Cleveland, Ohio.
Lannert Mfg. Co., carriages, Evansville, Ind.
Lanning, G. W., mill & facty. supplies, Trenton, N. J.
Lannon Crushed Stone, 3019 Wright, Milwaukee, Wis.
Lannon, John, stone producers, Plainfield, N. J.
Lanoix, Alphonse, brick, Gonic, N. H.
Lanpher Carriage & Auto. Co., Carthage, Mo.
Lanpher, H. S., & Co., granite paving blocks, 90 West, New York.
Lanquist & Illsley Co., contractors, 1100 N. Clark, Chicago, Ill., & Omaha, Neb.
Lansburgh, G. Albert, architect, 709 Mission, San Fran., Cal.
Lansdale Fndry. Co., heating boilers, Lansdale, Pa.
Lansdale Pure Food Co., canned goods, 1227 Germantown av, Philadelphia, Pa.
Lansden Co., stor. battery trucks, & auto. bldrs., 2211 Nostrand av, Brooklyn, N. Y.
Lansdowne Constr. Co., Lansdowne, Pa.
Lansdowne, J. T., canned goods, Stone Mountain, Va.
Lansing, A. F., architect, Sherman Bldg., Watertown, N. Y.
Lansing, Bley & Lyman, archts., Prudential Bldg., Buffalo, N. Y.
Lansing Co., machsts. & fndrs., Lansing, Mich.
Lansing Foundry Co., Lansing, Mich.
Lansing Lbr. Co., sash, door & blind mfrs., 824 N. Main, Providence, R. I.
Lansing Motor & Pump Co., machsts. & fndrs., Lansing, Mich.
Lansing Stamping & Tool Co., Lansing, Mich.
Lansing Wagon Works, Lansing, Mich.
Lansing Wheelbarrow Co., Lansing, Mich.
Lanski, I., & Son Scrap Iron Co., 2117 S. Jefferson, Chicago, Ill.
Lanston Monotype Mach. Co., type setting machines, 24th & Locust, Philadelphia, Pa.
Lanterman, Wm., contractor, Easton, Pa.
Lantz, Fred, brick, Pioneer, Ohio.
Lantz, I. M., sashes, doors & blinds, McArthur, Ohio.
Lantz, W. K., Carriage & Auto Wks., Muskogee, Okla.
Lanum, S. O., Planing Mill Co., sash, door & blind mfrs., Bloomington, Ind.
Lanyon, D. N., brick, Hillsdale, Ind.
Lanyon, Robert, Zinc & Acid Co., Hillsboro, Ill.
Lanyon Star Smelter Co., Bartlesville, Okla.
Lanz, A., & Sons, machsts. & fndrs., Monroe, Wis.
Lanz, Louis, soap, Oakland, Cal.
Lanz, M., & Sons, pole rings, conduit hangers, bolt, nut & rivet mfrs., 2907 Carson, Pittsburgh, Pa.
Lanz, Owen, & Co., laundry & school bags, 392 Florida, Milwaukee, Wis.
Lanzit Corrugated Paper Co., boxes, 2039 S. Morgan, Chicago, Ill.
Lanzon Furniture Co., elec. portables & silk shades, Grand Rapids, Mich.
Lanzuis Aircraft Co., aeroplanes & supplies, Woolworth Bldg., New York.
Lapachet, A. L., architect, 110 Sutter, San Francisco, Cal.
Lapat, L., scrap iron, Paterson, N. J.
Lapel Bottle Co., Lapel, Ind.
Lapel Canning Co., Lapel, Ind.
Lapierre, A. A., & Co., granite producers, Concord, N. H.
La Pierre Mfg. Co., silver nov, Newark, N. J.
La Pierre-Sawyer Handle Co., Jackson, Mo.
La Plant Co., furnaces, Marshalltown, Ia.
La Plant-Choate Mfg. Co., capstans, movers' rollers, trucks & stump pullers, Cedar Rapids, Ia.
Lapoint & Sullivan, bldg. contrs., Burlington, Vt.
La Pointe, Henry, architect, Miami, Fla.
Lapointe, J. N., Co., machsts., New London, Conn.
Lapointe Machine Tool Co., machsts. & fndrs.—broaching machy., Hudson, Mass.
La Porte Braiding Mills Co., laces, La Porte, Ind.
La Porte Canning Co., La Porte, Ind.
La Porte Fdy. & Furnace Co., La Porte, Ind.
La Porte Harness Co., La Porte, Ind.
La Porte Mat & Mfg. Co., La Porte, Ind.
La Porte Sash & Door Co., La Porte, Ind.
Lapp, Jos., sash, door & blind mfr., Leroy, N. Y.
Lappan, Jas., Mfg. Co., steel stacks, 20th & Pike, Pittsburgh, Pa.
Lapworth Webbing Co., Brockton, Mass.
Lapworth, Wm., & Sons, elastic webbing, Milford, Mass.
Laragy, P., fndrs., Hartford, Conn.
Laramore, O. O., machsts., Portage, Ohio.
Laredo Iron Wks., machsts., Laredo, Tex.
Larendon, M. W., & Co., pitch, turpentine & rosin mfrs., 82 Wall, New York.
Large, A. T., architect, Central Bldg., Los Angeles, Cal.
Large Bros. Lbr. Co., N. Tonawanda, N. Y.
Large, Dail, Mfg. Co., panel board cabinets & switchboard, 606 Cherry, Phila., Pa.
Large, J. E., architect, Bay City, Tex.
Large, Wm. H., machst., Pottstown, Pa.
Larick-Stough Co., pipe threaders, Frankfort, Ind.
Lariew, J. R., mattresses, Elmira, N. Y.
Larimer Co., Co-operative Milk Condensing Co., Loveland, Colo.
Larimer, E. K., Hardware Co., Cedar Rapids, Ia.
Larke, Simon, architect, 719 Main, Niagara Falls, N. Y.
Larkin, C. J., contrs., Rock Island, Ill.
Larkin & Co., contrs., Memphis, Tenn.
Larkin & Co., machsts., sand pumps, etc., Butler, Pa.
Larkin Co., soap, glycerine, etc., 663 Seneca, Buffalo, N. Y.
Larkin, E. L., architect, 259 W. 34th, New York.
Larkin, J. J., machst. & fndr., Bartlesville, Okla.
Larkin, J. J., oil & gas well packers, Bartlesville, Okla.
Larkin, J. K., & Co., whol. hdwe., 34 Reade, New York.
See adv index at end of book.
Larkin, M. D., Supply Co., mill & facty. supplies, Dayton, Ohio.
Larkin Mfg. Co., coupling expanding machs. & fire extinguishers, Dayton, Ohio.
Larkin, Michael, & Son, contractors, 519 E. 16th, New York.
Larkin, P. J., submarine divers, 3 Coenties Slip, New York.
Larkin Reed Co., tex. machy., supplies, etc., Danielson, Conn.
Larmon, L. M., flour mills, Alvaton, Ky.
Larmon, Philip, architect, U. S. Yards, Chicago, Ill.
La Roche, E. B., architect, Jefferson Co. Bank Bldg., Birmingham, Ala.
Laros, D. A., & Sons Co., carriages, Grinnell, Ia.
Larrabee, Albert S. (Est. of), Lakewood, N. J.
Larrabee, C., Jr., stone producers, Willimantic, Conn.
Larrabee-Deyo Motor Truck Co., Binghamton, N. Y.
Larrabee, John E., Co., whol. hdwe., Amsterdam, N. Y.
Larrabee, R. B., glass stainers, 98 Portland, Boston, Mass.
Larrivee, Sam'l, contractor, Williamsport, Pa.
Larrowe Buckwheat Flour Corp., Cohocton, N. Y.
Larrowe Construction Co., 1199 Woodward av, Detroit, Mich.
Larrowe Milling Co., buckwheat flour, Cohocton, N. Y.
Larsen, Anton, & Son, dumb waiters, Brook av & 134th, New York.
Larsen, C., & Co., mouldings, 401 N. Leavitt, Chicago, Ill.

Larsen, Chris., contractor, 110 Jessie, San Francisco, Cal., & Hennen Bldg., New Orleans, La.
Larsen, Clarence H., architect, Terminal Bldg., Lincoln, Neb.
Larsen Constr. Co., Oshkosh, Wis.
Larsen Contr. Co., Stone Harbor, N. J.
Larsen, Fred, contrs., Kenosha, Wis.
Larsen & Grant, archts., Vermont Bldg., Salt Lake City, Utah.
Larsen, Hans, sashes, doors & blinds, Rawlins, Wyo.
Larsen, Holger E., machsts., Janesville, Wis.
Larsen, Ivert, machsts., 221 N. Elizabeth, Chicago, Ill.
Larsen-Sampson Co., contrs., Crocker Bldg., San Francisco, Cal.
Larsen, Wm., Canning Co., Green Bay, Wis.
Larson Bros., ventilator mfrs., Johnsonburg, Pa.
Larson, C. A., cornices & skylights, Sioux City, Ia.
Larson, O. F., contractor, Prov. Bldg., Tacoma, Wash.
Larson & Carlson, granite, Concord, N. H.
Larsen-Danielson Const. Co., contrs., La Porte, Ind.
Larson Hardware Co., Sioux Falls, S. D.
Larson, L. P., architect, Chicasha, Okla.
Larson, Oscar, contrs., 515 Quinnipiac av, New Haven, Conn.
Larson, Peter, brick, Barronett, Wis.
Larson, Thos., brick, Shawano, Wis.
La Rue Tile Co., La Rue, Ohio.
Larzelere, H. L., architect, Mercantile Bldg., Rochester, N. Y.
Larzelere Mach. Co., Williamsport, Pa.
La Salle Mach. & Tool Co., La Salle, Ill.
La Salle Paper Co., South Bend, Ind.
La Salle Pressed Brick Co., La Salle, Ill.
La Salle Steel Co., alloy & automobile, S. Halsted & 23d, Chicago, Ill.
Lasar Mfg. Co., machsts. & fndrs., 1313 16th, St. Louis, Mo.
Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
Lasche, Alfred, Co., mattresses, 960 N. 2nd, Phila., Pa.
Lash, A. F., Co., masons' & bldrs.' matls., 25 D., Boston, Mass.
Lash Lee Studios, scenic artists, 308 E. 48th, New York.
Lash, David H., contractor, 720 Grandview av, Pittsburgh, Pa.
Lasker & Bernstein, sponges & chamois imp., 161 William, New York.
Lasley, W. M., contractor, Temple ct, Minneapolis, Minn.
Laspia & Salvati, architects, 525 Grand, Brooklyn, N. Y.
La Spina, Peter Co., granite & stone prod., 2 Canal pl, New York.
Lassiter, A. L., & Bro., architects, Paducah, Ky.
Lassiter, C. J., corn & flour mills, Raleigh, N. C.
Lassiter, Robert G., & Co., contractors, Oxford, N. C.
Lasure Friction Clutch Pulley Co., Madison, Wis.
Latane & Watson, canned goods, Munford, Va.
Latenser, Jno., architect, Bee Bldg., Omaha, Neb.
Latham & Co., spray pumps, Sandusky, Ohio.
Latham & Crane, contractors, Willimantic, Conn.
Latham, E. B., & Co., incandescent lamp replacers, 4 Murray, New York.
Latham, Edgar H., contrs., Columbus Saving & Trust Co., Columbus, Ohio.
Latham Machy. Co., 1153 Fulton, Chicago, Ill.
Latham & Walters, contrs., State Life Bldg., Indianapolis, Ind.
Lathbury, B. B., testing laboratories, Franklin Bank Bldg., Philadelphia, Pa.
Lather & Carlton, architects, O'Neil Bldg., Binghamton, N. Y.
Lather, Geo., contractor, Traverse City, Mich.
Lathey Steel Type Co., machsts., 325 W. Ohio, Chicago, Ill.
Lathrop, C. P., & Co., masons' & bldrs.' matls., 1600 E. Marshall, Richmond, Va.
Lathrop, C. S., contractor, Lima, Ohio.
Lathrop, E. M., sash, door & blind mfr., Arlington, Vt.
Lathrop, J. W., Co., machsts. & fndrs., Mystic, Conn.
Lathrop Lumber Co., Birmingham, Ala.
Lathrop, Noah, & Son, lbr., Bristol, Vt.
Lathrop & Shea Co., contractors, 185 Church, New Haven, Conn.
Lathrop, Shea & Henwood Co., contractors, Scranton, Pa.
Lathrop, T. A., contractor, 418 1st av, S. E., Minneapolis, Minn.
Lathwood Foundry Co., 30th & Wayne, Pittsburgh, Pa.
Latimer & Lawrence Packing Co., canned goods, Biloxi, Miss.
Latimer, R. L., & Co., mill & facty. supplies, 24 N. Front, Philadelphia, Pa.
La Tosca Knitting Co., sweaters, cardigans, etc., Utica, N. Y.
Latourette-Fical Co., cornices, Sacramento, Cal.
Latourrette-Fical Co., machsts., Oak Park, Cal.
Latrobe Brick Co., Latrobe, Pa.
Latrobe Elec. Steel Co., Latrobe, Pa.
Latshaw Steel & Metal Products Corp., 220 B'way, New York.
See adv index at end of book.
Latta, John S., Co., mill & facty. supplies, 1227 Arch, Phila., Pa.
Latta-Martin Pump Co., Hickory, N. C.
Latterner, Arthur, plumbers' & steam fitters' supplies, wholesale, Washington, D. C.
Lattig-Shimer Mfg. Co., school furn., Bethlehem, Pa.
Lattimer Fndry. & Mach. Co., Lattimer Mines, Pa.
Lattimer-Stevens Co., swivels & meter seals, Columbus Savings & Trust Bldg., Columbus, Ohio.
Lattimer Stove Co., fndrs., Columbus, Ohio.
Lattimer, W. H., & Sons, rattan furniture, Orwell, N. Y.
Latty Bros. Granite Co., Stonington, Me.
Latz, Hy., contrs., Joliet, Ill.
Laub Bros., trunk mfrs., Louisville, Ky.
Laubach, C. J., Co., sash, door & blind mfrs., Phillipsburg, N. J.
Laubenheimer, Geo. E., Co., brewers' machy., 17 N. La Salle, Chicago, Ill.
Laubenstein Mfg. Co., perforated metals, screens, Ashland, Pa.
Lauber, Alb., cornices & skylights, 433 W. 42d, New York.
Lauber, J. C., & Co., cornices, South Bend, Ind.
Laub's, Geo., Sons, shoe thread, Buffalo, N. Y.
Lauby, C. W., cornices & skylights, Vincennes, Ind.
Lauck & Lauck, architects, Scarritt Bldg., Kansas City, Mo.
Laud, Mrs. E. A., lumber, New Madrid, Mo.
Laue Mfg. Co., boiler flue blowers, Chicago Heights, Ill.
Lauer Bros., contrs., ft. of Chestnut, St. Paul, Minn.
Lauer, J. J., cornices, Ashland, Pa.
Lauer, J., & Sons, contractors, 10 Portland, Pittsburgh, Pa.
Lauer, Jno., Mach. Co., crankshafts, Detroit, Mich.
Lauer, M. P., architect, Hamilton Bldg., Akron, Ohio.
Lauer, N., masons' & bldrs.' matls., Ottoville, Ohio.
Lauffer, W. A., Co., granite producers, 2319 Liberty av, Pittsburgh, Pa.
Laughlin, Alex., & Co., furnaces & gas producers, 1st Nat. Bk. Bldg., Pittsburgh, Pa.
Laughlin, Homer, China Co., East Liverpool, Ohio.
Laughlin, Homer, Engineers Corp., 262 Long Beach av, Los Angeles, Cal.
Laughlin, John, mill & facty. supplies, Cohoes, N. Y.
Laughlin Mfg. Co., fountain pen mfrs., Detroit, Mich.
Laughlin, Thos., Co., marine hdwe., & galvanized iron & brass, Portland, Me.
Laughlin, W. F., & Son, contractors, Altoona, Pa.
Laughlin, Wm. M., architect, New Kensington, Pa.
Laughton Pad Co., Westfield, Mass.
Lauhoff Bros., machsts., 35 Chene, Detroit, Mich.
Lauk Bros., contractors, 3257 Granshaw, Chicago, Ill.
Laun, J. B., lumber, Kiel, Wis.
Laun Mach. Co., mixers, 715 Root, Chicago, Ill.
Laundry Queen Steam Washer Co., clothes washing machines, Centerville, Ia.
Laura, John, & Co., plastic slate roofers, 101 Park av, New York.
Laurel Canning Co., Laurel, Del.
Laurel Cotton Mills, Laurel, Miss.
Laurel Cut Glass Co., Jermyn, Pa.
Laurel Mach. & Fdry. Co., Laurel, Miss.
Laurel Mfg. Co., cornices, 627 N. 3d, Philadelphia, Pa.
Laurel Motor Car Co., Richmond, Ind.
Laurel Oil & Fertz. Co., Laurel, Miss.
Laurel River Lumber Co., Jenningston, W. Va.
Laurel Co., rubber goods, Garfield, N. J.
Laurel Soap Co., 1528 Frankford av, Philadelphia, Pa.
Laurence Belting Co., belting mfrs., 111 Chambers, New York.
Laurent Cherry Pulley Block Co., wire pullers & tackle block, Trenton, N. J.
Laurents & Hartshorn Packing Co., meat packers, Ft. Wayne, Ind.
Laurie, Jas., brick, Scranton, Pa.
Laurinburg Oil Co., Laurinburg, N. C.
Lauritzen Construction Co., Waterloo, Ia.
Lauritzen, John, Co., contractor, Fergus Falls, Minn.
Lauritzen, L., architect, 65 DeKalb av, Brooklyn, N. Y.
Laursen Automatic Pump Co., hydraulic, water driven, & deep well, Menomonie, Wis.
Lausberg & Macke, church furniture, Louisville, Ky.
Lauson, C. E., Brass Fdy., Briston, Conn.
Lauson, John, Mfg. Co., machsts. & fndrs.—traction engines, New Holstein, Wis.
Lauson-Lawton Co., machsts. & fndrs.—clutches, elec. light plants, De Pere, Wis.
Lauter Co., pianos, 593 Broad, Newark, N. J.
Lauter, H., Co., music cabinets, W. Wash. & Harding, Indianapolis, Ind.
Lauth, Philip, contractor, 29 S. La Salle, Chicago, Ill.
Lautz Bros. & Co., glycerine, Buffalo, N. Y.
Lautz Co., Onyx, etc., Buffalo, N. Y.
Laux Carriage Co., 1627 Oak, Kansas City, Mo.
Lavaller, Theophile, contractor, Watervliet, N. Y.
Lavan, P. J., steam heating contr., Seattle, Wash.
Lavanburg, Fred. L., arsenate of lead, Paris green, etc., 100 William, New York.
La Vaute, N. H., architect, 1st Nat. Bank Bldg., Syracuse, N. Y.
Lavelle Fndry. Co., Anderson, Ind.
La Velle, Paul B., Inc., architect, 103 Park av, New York.
Lavender, Jas. B., architect, Hinton, W. Va.
Lavenson Bureau, signs, metal litho., 308 Walnut, Phila., Pa.
La Vergne Pump Co., 284 N. 5th, Newark, N. J.
Lavey, James B., potter, Milan, Ohio.
La Vies, John G., architect, Merrill Bldg., Milwaukee, Wis.
Lavine Gear Co., Racine, Wis.
Lavino, E. J., & Co., ores, Bullitt Bldg., Philadelphia, Pa.
Lavo Co., soap, 48 7th, Milwaukee, Wis.
Law & Burwell, granite producers, Union & Ogden, Phila., Pa.
Law, Ernest, & Co., pig iron & coke dlrs., Harrison Bldg., Philadelphia, Pa.
Law, F. A., Mach. Co., Hartford, Conn.
Law & Hawxhurst, elec. light fix. mfrs., 164 Pine, Providence, R. I.
Law, J. Douglas, Co., hdwe—wholesale, mill & facty. supplies, Springfield, Mass.
Law, Jas. R., architect, Madison, Wis.
Law, John H., masons' & bldrs.' matls., Hollidaysburg, Pa.
Law, Martha, common brick, Chester, Pa.
Lawder, Arthur A., & Sons, carriages, 6910 Lafayette, Chicago, Ill.
Lawler, Allen J., canned goods, Southwest Harbor, Me.

Lawler Bros., contractors—dock bldrs., 16 City sq, Chan., Boston, Mass.
Lawler, Edw. J., architect, 408 Olive, St. Louis, Mo.
Lawler Iron Wks., 44 Gull, Buffalo, N. Y.
Lawler Regulator Co., boiler couplings, water, feeders, etc., apparatus, 55 W. Houston, New York.
Lawler Water Feed & Damper Regulator Co., regulators, steam traps, etc., 55 W. Houston, New York.
Lawless Bros., contractors, 1072 3d av, New York.
Lawless Paper Co., Rochester, N. Y.
Lawley, Geo., & Son Corp., yacht & motor boat bldrs., Neponset, Boston, Mass.
Lawlor & Haase, architects, 69 Wall, New York.
Lawlor, Jno. J., architect, 360 W. 23d, New York.
Lawn, Jno. A., washboard mfrs., Lewiston, Pa.
L. A. W. Nov. Co., garment hangers, Springfield, Mass.
Lawrence, A. I., architect, Burlington, Vt.
Lawrence Belting Co., 111 Chambers, New York.
Lawrence, Bostwick Mfg. Co. (Ltd.), tinware mfrs., Phelps, N. Y.
Lawrence Bros., machsts. & fndrs., Sterling, Ill.
Lawrence Bros., masons' & bldrs.' matls., Yonkers, N. Y.
Lawrence Bros. Co., lbr., South Gardiner, Me.
Lawrence Canning Co., Rockland, Me.
Lawrence Cement Co., 1 Broadway, New York.
Lawrence Construction Co., Augusta, Ga.
Lawrence Contrg. Co., 2409 Walton av, New York.
Lawrence Duck Co., Union cor. Island, Lawrence, Mass.
Lawrence, Eli, Jr., heating contractors, Burlington, N. J.
Lawrence, F. D., Elec. Co., elec. mine supplies, 219 W. 4th, Cincinnati, Ohio.
Lawrence Felting Co., Millville, Mass.
Lawrence, Geo., Co., harness, saddles, etc., Portland, Ore.
Lawrence, Geo. E., speedometers, Bullitt Bldg., Philadelphia, Pa.
Lawrence Granite Co., Lawrence, Mass.
Lawrence, Harry A., & Co., sash, door & blind mfrs., Fitchburg, Mass.
Lawrence & Hill, machsts., Watertown, N. Y.
Lawrence & Holford, architects, Chamber of Com., Portland, Ore.
Lawrence, I. G., contractor, Durham, N. C.
Lawrence Iron Works, Lawrence, Kans.
Lawrence, J. Custis, architect, East Hampton, N. Y.
Lawrence, J. H., & Sons, machsts. & fndrs., Nashville, Tenn.
Lawrence, J. T., architect, Greenville, S. C.
Lawrence, L., & Co., brass fndrs., 292 Halsey, Newark, N. J.
Lawrence, Lewis M., architect 125 Tremont, Boston, Mass.
Lawrence Limestone Co., New Castle, Pa.
Lawrence Lumber Co., Lawrence, Mass.
Lawrence-McFadden Co., iron fillers, varnish mfrs., etc., 1400 Fkd. av, Philadelphia, Pa.
Lawrence Machine Co., steam & motor driven pumps, mfrs., 40 Island, Lawrence, Mass.
Lawrence, P. M., & Co., porch columns, Augusta, Me.
Lawrence Paint Co., plate glass, Binghamton, N. Y.
Lawrence Paper Co., 151 Spring, New York.
Lawrence Paper Mfg. Co., Lawrence, Kans.
Lawrence Portland Cement Co., Siegfried, Pa.
Lawrence Pump & Engine Co., Marston, Lawrence, Mass.
Lawrence Sand Co., New Castle, Pa.
Lawrence Shot & Lead Co., pipes, Omaha, Neb.
Lawrence Steel Casting Co., A. V. R. Y. & 32d, Pittsburgh, Pa.
Lawrence Steel Construction Co., structl. wk., 3324 Smallman, Pittsburgh, Pa.
Lawrence Vitrified Brick & Tile Co., Lawrence, Kans.
Lawrence, W. E., architect, Glens Falls, N. Y.
Lawrence, W. W., & Co., enamels, W. Caron, Pittsburgh, Pa.
Lawrence & Wambolt, architects, 112 Water, Boston, Mass.
Lawrence, Warrington G., architect, 225 5th av, New York.
Lawrence & Wiggin, lumber, 50 Terminal, Boston, Mass.
Lawrence, Wm. H., archit., Mass. Inst. of Technology, Boston, Mass.
Lawrenceburg Lumber Co., Lawrenceburg, Ind.
Lawrenceburg Milling Co., flour, Lawrenceburg, Tenn.
Lawrenceburg Roller Mills Co., flour & feed, Lawrenceburg, Ind.
Lawrenceville Bronze Co., babbit metal, Bessemer Bldg., Pittsburgh, Pa.
Lawrenceville Fertilizing Co., Lawrenceville, Ga.
Lawrenceville Mfg. Co., machsts., Lawrenceville, Ga.
Lawrenceville Mill & Ice Corp., flour, Lawrenceville, Va.
Lawrie, Harry, architect, Paxton blk, Omaha, Neb.
Lawry, E H., canned goods, Lawry, Me.
Lawson Aircraft Co., aeroplanes & supplies, Green Bay, Wis.
Lawson, C. E., machsts., brass & composition fndrs., Bristol, Conn.
Lawson & Co., Inc., boring & drilling heads, 416 W. 33d, New York.
Lawson, C. K., Hardware Co., Hastings, Neb.
Lawson, F. A., railroad equipt., 525 Market, San Francisco, Cal.
Lawson, F. H., Co., tin plate, ovens, etc., Cincinnati, Ohio.
Lawson, H. J., cornices & skylights, Manchester, N. H.
Lawson Hardware Co., Newburgh, N. Y.
Lawson, J. F., contractor, Jamestown, N. Y.
Lawson, Jacob, Bag Co., burlap, 264 Water, New York.
Lawson Mfg. Co., hdwe. mfrs., 230 W. Superior, Chicago, Ill.
Lawson Mfg. Co., natural gas burners, Homestead, Pa.
Lawson, O. P., heaters, stoves, Homestead, Pa.
Lawson Piano Co., 372 E. 149th, New York.
Lawson & Segar, canned goods, Locklies, Va.
Lawson, T. D., masons' & bldrs.' matls., Tullahoma, Tenn.
Lawton & Bushman, machsts. & fndrs., Burlington, Wis.
Lawton, Chas. A., Co., machsts. & fndrs., De Pere, Wis.
Lawton, Geo. M., architect, 30 E. 42d, New York.
Lawton, Geo. W., archit., Alaska Bldg., Seattle, Wash.
Lawton, Lewis, & Sons, contractors, Trenton, N. J.
Lawton Spinning Co., cotton thread, Woonsocket, R. I.
Lawton Tractor Co., St. Marys, Ohio.
Lawton, Wm., machst. & fndr., Kingston, N. Y.
Lawton, W. M., leather belting, 6-10 Devereaux, Utica, N. Y.
Lay, Chas., Downing, landscape archt., 15 E. 40th, New York.
Lay, Jos., Co., brooms, brushes, scrapers, Ridgeville, Ind.
Layare Boat Wks., Ogdensburg, N. Y.
Laycock-Brossman Mfg. Co., bicycles, Indianapolis, Ind.
Laycock, J. & H., brass & composition fndrs., Laconia, N. H.
Laycock Lbr. Co., Ellicott sq., Buffalo, N. Y.
Laycock, T. B., Son & Co., mattresses, Indianapolis, Ind.
Laycock, W., Co., machsts. & fndrs., Libertyville, Ill.
La Yellow Pine Co., lbr. mfrs., Shreveport, Ia.
Layer, Robt. W., architect, 118 N. La Salle, Chicago, Ill.
Layman, A. C., Mach. Co., 11th & Lombard, Wilmington, Del.
Layman Bros. Co., canned goods, Daleville, Va.
Layman, C. A., canned goods, Troutville, Va.
Layman, C. E., canned goods, Troutville, Va.
Layman, C. T., canned goods, Roanoke, Va.
Layman, J. W., & Son, canned goods, Troutville, Va.
Layman, M., canned goods, Roanoke, Va.
Layman, Wm. M., canned goods, Roanoke, Va.
Layne & Bowler Co., pumps—turbine, 37 N. Van Buren, Chicago, Ill., & Houston, Tex.
Layne & Bowler Corp., wall screens & pumps, Los Angeles, Cal.
Lays Bros., contractors, Brockton, Mass.
Layton Co., meat packers, Muskego av, Milwaukee, Wis.
Layton Elastic Glue Co., 703 Fulton, Chicago, Ill.
Layton Fire Clay Co., brick, McKeesport, Pa.
Layton, Fred'k W., contractor, Haller Bldg., Seattle, Wash.
Layton, J. R., architect, Johnstown, Pa.
Layton, Jos., contractor, Far Hills, N. J.
Layton Milling & Elevator Co., flour, Layton, Utah.
Layton Park Oil & Soap Co., 29th & Forest Home avs, Milwaukee, Wis.
Layton & Smith, archts., Majestic Bldg., Oklahoma City, Okla.
Lazansky, Emil, wholesale plate & window glass, 324 Myrtle av, Brooklyn, N. Y.
Lazar & Lazarus, trunk mfrs., 1230 S. Jefferson, Chicago, Ill.
Lazard, S. A., traveling bags, 221½ S. Los Angeles, Los Angeles, Cal.
Lazarides Mfg. Co., arc lamps, 136 Liberty, New York.
Lazarus, Edgar M., architect, Chamber of Com., Portland, Ore.
Lazarus, J. & Co., umbrella mfrs., 74 Franklin, New York.
Lazarus, Lewis, & Sons, tin importers, 61 Broadway, New York.
Lazarus, M. H., Co., whol. hdwe., Charleston, S. C.
Lazarus Mfg. Co., hand vacuum cleaners, 750 Prospect av, Cleveland, Ohio.
Lazenby, F. A., & Co., cotton machy., winders, etc., 414 Key Highway, Baltimore, Md.
Lazere & Kaplan Iron Wks., archl. & ornamental, 434 E. 124th, New York.
Lazier Gas Engine Co., machsts., 190 Main, Buffalo, N. Y.
L. B. Brass Co., ball cocks, relief valves, Peabody, Mass.
Lea-Courtenay Co., centrifugal pumps, 5 Main, Newark, N. J.
Lea, David M., & Co., shooks, packing mfrs., 1923 E. Maine, Philadelphia, Pa.
Lea, J. Tatnall, & Co., pig iron, ores & coke, St. Girard Bldg., Philadelphia, Pa.
Lea Lumber Co., Richmond, Va.
Lea Milling Co., flour, Wilmington, Del.
Leach, Alfred C., architect, 323 N. Charles, Baltimore, Md.
Leach Bros., machsts. & fndrs., 614 Hood, Portland, Ore.
Leach, Ellery F., brick, Penobscot, Me.
Leach, Frank, Hdwe. Co., Oshkosh, Wis.
Leach & Greene, surgical instruments, 100 Boylston, Boston, Mass.
Leach, Hy., steam & hot water htg. contr., 1103 Fulton Brooklyn, N. Y.
Leach, I. M., Jr., contractor, Wilkes-Barre, Pa.
Leach, J. M. Mfg. Co., stone prod., Kokomo, Ind.
Leach, L. D. & Co., ties, poles & posts, etc., 343 S. Dearborn, Chicago, Ill.
Leach Lbr. & Tie Co., Poplar Bluff, Mo.
Leach, Otis, brick, Penobscot, Me.
Leach, Wendall G., brick, Orland, Me.
Leach Windmill & Tank Co., Joliet, Ill.
Leacock, A. M., armatures, 85 Columbia, Newark, N. J.
Leacock, B. J., Sporting Goods Co., 810 Pine, St. Louis, Mo.
Lead Lined Iron Pipe Co., fittings & valves, Wakefield, Mass.
Lead Products Co., 3215 Papin, St. Louis, Mo.
Leadbetter, G. E., & Son, Inc., contrs., Leominster, Mass.
Leader Brass Fdry. & Mfg. Co., Cleveland, Ohio.
Leader Buggy Co., Marysville, O.
Leader Button Co., 48 W. 27th, New York.
Leader Iron Wks., gas engines, Decatur, Ill.
Leader Machine Co., grain cleaning & grading machy., 2841 N. Francisco av, Chicago, Ill.
Leader Mfg. Co., center grinders, Springfield, Ohio
Leader Plow Co., Staunton, Va.

Leader Tractor Mfg. Co., Des Moines, Ia.
Leading Brass & Metal Co., 2715 Hickory, St. Louis, Mo.
Leadite Co., Land Title Bldg., Phila., Pa.
Leaf, E. B. Co., scrap iron, Real Estate Trust Bldg., Phila., Pa.
Leaf, E. B., Co., machy. dlrs., 50 Church, New York.
Leafgreen, Hans A., contractor, 133 W. Washington, Chicago, Ill.
League Tire Co., South Bend, Ind.
Leahy John J., tank alarms, conduit hangers, 48 Dey, New York.
Leahy, M. H., contractor, 1446 Prospect av, New York.
Leahy Mfg. Co., bee keepers' supplies, etc., Higginsville, Mo.
Leahy, Thos. Bldg. Co., 137 E. 25th, New York.
Leak-Cure Metal Cement Co., pipe joint, 89 Fulton, New York.
Leak, Wall & McRae, mattresses, Rockingham, N. C.
Leake, A. G. Erecting Co. (The), erectors & riggers, structural steel, ornamental iron, bridges, boilers, machinery, also fabricators of structural steel & ornamental iron work, Ash & Holland av, Bridgeport, Conn.
Leake, Boudinot G., architect, Fort Worth, Tex.
Leake, T. S., & Co., contractors, 608 S. Dearborn, Chicago, Ill.
Leaman, Lafayette, contractor, 1426 N. Y. av, Washington, D. C.
Lean, Roderick, Mfg. Co., agricultural implements, Mansfield, O.
Lear, W. H., lumber, 979 N. Front, Phila., Pa.
Leard & Massey, fertilizer, Hartwell, Ga.
Leard, Wm. E., crankshafts, forgings, rods, strap joints, etc., New Brighton, Pa.
Learman, Frank J., machsts., 150 Ellicott, Buffalo, N. Y.
Learned, A. C. J., contractor, 7 Charles, Providence, R. I.
Learned, Chas. H., architect, Lonesdale, R. I.
Learned Lbr. Co., 711 Lbr. Ex., Minneapolis, Minn.
Learned, R. F. & Son, lumber, Natchez, Miss.
Lears, C. H. & Sons, mattresses, 934 W. Baltimore, Baltimore, Md.
Leary, W. J., Mfg. Co., brick conveyors & machy., 411 Rhode Island, Buffalo, N. Y.
Leas & McVitty, lthr. belting belts, 303 Vine, Phila., Pa.
Leasburg Canning Co., Leasburg, Mo.
Lease, G. D., & Son, boat oars, Jeffersonville, Vt.
Lease, M. N., contractor, Great Falls, Mont.
Leasure Vacuum Cleaner Co., Bradford, Pa.
Leath, A., & Co., mattresses, Elgin, Ill.
Leather, Geo. E., mosquito netting, 1543 Ruan, Phila., Pa.
Leather Preserver Mfg. Co., belt dressing, 542 W. Jackson bl, Chicago, Ill.
Leather Tire Goods Co., auto belts, chains, anti-skid chains & tire protectors, Niagara Falls, N. Y.
Leatheroid Mfg. Co., paper & pulp mills, trunks, etc., 121 Beach, Boston, Mass.
Leathers, A. H., Handle Co., Dickson, Tenn.
Leathers, Earl H., wood handles, Mountain Eagle, Pa.
Leavens, Frank A., mill & facty. supplies, Neenah, Wis.
Leavenworth Bag & Mfg. Co., Leavenworth, Kans.
Leavenworth Bridge Co., steel struct. wk., Leavenworth, Kans.
Leavenworth Milling Co., flour, Leavenworth, Kans.
Leavery Htg. & Ventilating Co., 306 E. Water, Syracuse, N. Y.
Leavitt, C. W., & Co., ores, metals & alloys, 34 Church, New York. *See adv index at end of book.*
Leavitt, Chas. W., landscape architect, 220 B'way, New York.
Leavitt, Louis, paint mfrs., 454 Driggs av, Brooklyn, N. Y.
Leavitt Machine Co., valve reseating machy., Orange, Mass.
Leavitt Mfg. Co., machsts. & fndrs., Urbana, Ill.
Leavitt, W. C. Co., cornices & skylights, Norway, Me.
Leaw Bros., contractors, Ocean Grove, N. J.
Lebam Mill & Timber Co., lumber, Lebam, Wash.
Lebanon Chain Wks., Lebanon, Pa.
Lebanon Engineering & Supply Co., Lebanon, Pa.
Lebanon Fertilizer Wks., Lebanon, Pa.
Lebanon Gear & Machine Works, machinists & founders, 17th & Forge, Lebanon, Pa. *See adv index at end of book.*
Lebanon Lumber Co., Lebanon, Ky., & Lebanon, Ore.
Lebanon Mach. Co., electricians' drills & auger bits, Lebanon, N. H.
Lebanon Milling Co., flour, Lebanon, Pa.
Lebanon Nov. Co., toys, Lebanon, Pa.
Lebanon Paper Co., San Francisco, Cal.
Lebanon Pressed Brick Co., Lebanon, Ohio.
Lebanon Steel Foundry, Lebanon, Pa.
Lebanon Stove Co., fndrs., Lebanon, Pa.
Lebanon Stove Co., Pottstown, Pa.
Lebanon Valley Iron & Steel Co., Lebanon, Pa.
Lebanon Woolen Mills, woolen blankets, Lebanon, Tenn.
Le Baron, E. L., Foundry Co., Brockton, Mass.
Lebby Engng Co., elec. light plants & projections, Charleston, S. C.
Lebeau, Adolph F., architect, 358 Hamilton, Worcester, Mass.
Lebeck, Leander, contractor, Astoria, Ore.
Lebedjeff, V. V., Eng. & Supply Co., machinery dlrs., 11 B'way, New York.
Lebenbaum, Marx & Vigeant, architects, Ins. Exch. Bldg., Chicago, Ill.
Leber, Edward, architect, York, Pa.
Lebknecher, L., cornices & skylights, Belleville, Ill.
Le Blanc, C. J., fndrs., Franklin, La.
Le Blond, R. K., Machine Tool Co., Cincinnati, Ohio.
Lebo, E. N., contrs., Harrisburg, Pa.
Le Brun, P. L., archit., 111 Joralemon, Brooklyn, N. Y.
Lebzelter, P., & Son Co., rims, bows & shafts mfrs., Lancaster, Pa.
Leck, H. A. Co., contractors, 2324 4th av, Minneapolis, Minn.
Leck, Jas., Co., contractors, 311 S. 7th, Minneapolis, Minn.
Leclaire Cabinet Wks., plumbers' woodwork, Edwardsville, Ill.
Leclaire Mfg. Co., fndrs., Edwardsville, Ill.
Le Claire, Marcisse & Co., graphite W. Quincy, Quincy, Mass.
Le Claire Stone Co., Davenport, Ia.
Le Compte Mfg. Co., auto tire holders, bridle bits, 44 Elm, Newark, N. J.
Lecomte & Co., tin cans, Wolcott, Brooklyn, N. Y.
Le Coney, Wm. G., architect, Moorestown, N. J.
Le Count, Wm. G., clamps, wrenches, mandrels, etc., So. Norwalk, Conn. *See adv index at end of book.*
Lecouteur Bros. Stair Mfg. Co., 4523 Shaw av, St. Louis, Mo.
Lecroix, Wm., brick, Colfax, La.
Ledbetter & Greathouse, contractors, Austin, Tex.
Ledbetter, Louis, architect, Queen Theatre Bldg., Houston, Tex.
Leddell Metals Co., babbit, 281 Borden av, Long Island City, N. Y.
Ledder & Probst, engng. instruments, 56 Franklin, Boston, Mass.
Leddy & Moore, contractors, 105 W. 40th, New York.
Ledebrink, Fred C., architect, 615¼ Hampshire, Quincy, Ill.
Leder Oil Co., Demopalis, Ala.
Lederer Bros. Co., screw mach. products, 100 Stewart, Providence, R. I.
Lederer, S. & B., Co., silver novelties, 100 Stewart, Providence, R. I.
Lederer, Sam'l & Son, fertilizer mfrs., New Brunswick, N. J.
Lederle, Robt. B., steel structural dies, Witherspoon Bldg., Phila., Pa.
Ledger, Jno., stone producer, Ravenrock, N. J.
Ledlie, David B., & Son, contractors, Saratoga Springs, N. Y.
Lednum, J. F., canned goods, Preston, Md.
Lednum, R. I., & Co., canned goods, Pocomoke City, Md.
Ledoux, Augustus D., sulphur ores, 15 William, New York.
Ledoux & Co., assayers, 99 John, New York.
Le Doyen, Frank J., Co., metal polish, 827 Mangold, Baltimore, Md.
Lee, A. S., & Sons, masons' & bldrs.' matls., Richmond, Va.
Lee, Benj., archl. iron, 628 N. 5th, Phila., Pa.
Lees-Bradner Co., milling machines, Cleveland, Ohio.
Lee & Brinton, naval architects, Seattle, Wash.
Lee, Broom & Duster Co., Lincoln, Neb.
Lee Bros., agricultural implements, Watertown, S. D.
Lee Canning Co., Hamilton, N. Y.
Lee Chair Co., Oneida, N. Y.
Lee, Chester A., canned goods, Easton, Md.
Lee-Colt Andreesen Hardware Co., Omaha, Nebr.
Lee, Conrad, sash, door & blinds, Wilkes-Barre, Pa.
Lee, D. J., contractor, Atlanta, Ga.
Lee, Edward B., architect, 345 4th av, Pittsburgh, Pa.
Lee, Edw. F., Glass Co., Detroit, Mich.
Lee, Edwin S., flour mills, Coshocton, Ohio.
Lee Elec. Co., desk tel, brackets, 219 N. Calvert, Baltimore, Md.
Lee Electric Radiator Co., 7031 Stewart av, Chicago, Ill.
Lee, F. H., contractor, Pawtucket, R. I.
Lee Fibre Co., Wadleys Falls, N. H.
Lee, Geo., masons' & bldrs.' matls., South Whitley, Ind.
Lee, Geo. E., cornices, Piqua, Ohio.
Lee, Geo. E., Co., gas governors, Caxton Bldg., Cleveland, O.
Lee, Geo. H., Co., insecticides, Omaha, Neb.
Lee, H. K., machst., Hartford, Conn.
Lee Hardware Co., Ltd., Salina, Kans., & Shreveport, La.
Lee, Harry C., & Co., sporting & athletic goods mfrs., 97 Chambers, New York.
Lee Htg. Co., steam htg. contr., 3536 B'way, New York.
Lee & Hewitt, architects, 1123 B'way, New York.
Lee & Hoff Mfg. Co., freight elev. & mach. wk., 65 E. Water, St. Paul, Minn.
Lee & Hurley, canned goods, Jerusalem, Md.
Lee, James S., architect, 6 Beacon, Boston, Mass.
Lee, Jas W., architect, Seaboard Bk. Bldg., Norfolk, Va.
Lee, John D., soap, Denver, Colo.
Lee, Jos., architect, 703 State, Erie, Pa.
Lee, L. F., Constr. Co., Oklahoma, Okla.
Lee, L. V., brick, Morenci, Mich.
Lee Lime Co., Lee, Mass.
Lee Loader Co., hoists, 2343 S. La Salle, Chicago, Ill.
Lee & Lyman Lbr. Co., sash, door & blind mfrs., 2425 E. 18th, Kansas City, Mo.
Lee, M. J., Drain Tile Co., Colfax, Ind.
Lee Marble Wks., Lee, Mass.
Lee Milling Co., flour, Toshes, Va.
Lee Paper Co., Vicksburg, Mich.
Lee & Piper, architects, Chamber of Com. Bldg., Pittsburgh, Pa.
Lee & Porter Mfg. Co., machsts. & fndrs., Buchanan, Mich.
Lee, R. C., canned goods, Bedford, Va.
Lee, R. E., architect, Clemson College, S. C.
Lee Radtke Hardware Co., cornices & skylights, Baraboo, Wis.
Lee, Rus., brick, Bellmore, Ind.
Lee, S. A., flour mills, Lexington, Va.
Lee, Stanton P., architect, 55 Third, Troy, N. Y.
Lee, Thos., ventilators, fireproof doors, etc., 129 W. 2d, Cincinnati, Ohio.
Lee, Thos. C., architect, Syndicate Tr. Bldg., St. Louis, Mo.
Lee, Thos. P., contractor, 5629 Cherry, Philadelphia, Pa.
Lee Tire & Rubber Co., Conshohocken, Pa.
Lee, W. D., architect, Travelers' Bldg., Ricrmond, Va.

Lee, W. H., architect, Shamokin, Pa.
Lee W. H., wholesale hdwe., Sutton, W. Va.
Lee, W. J., hubs, carriage & wagon wheel, Arcadia, Mo.
Lee-Warren Milling Co., flour, Salina, Kans.
Lee, William, knitted gloves, Needham Heights, Mass.
Lee, Wm. M., cotton batting, Athol, Mass.
Lee, Wm. O., Co., machsts. & fndrs., Port Huron, Mich.
Leece-Neville Co., auto. starting devices, 5363 Hamilton av, Cleveland, Ohio.
Leech, Austin, architect, 214½ Texas, El Paso, Tex.
Leech, J. C., flour mills, Arden, Pa.
Leech Lake Lbr. Co., 1128 Plymouth Bldg., Minneapolis, Minn.
Leech & Leech, architects, Lima, Ohio.
Leedom, W. F., masons' & bldrs.' matls., Bristol, Pa.
Leeds, Kyle W., show cases, Kansas City, Mo.
Leeds & Northrup Co., laboratory apparatus & supplies, 4901 Stenton av, Philadelphia, Pa.
Leeds Packing Co., canned goods, Easton, Md.
Leefers, J. F., Co., contractors, Cedar Rapids, Ia.
Leeming & Uptown, archit., 381 4th av, New York.
Leeming & Wardner, architects, 1 Washington, Poughkeepsie, N. Y.
Leeming, Woodruff, architect, 20 Broad, New York.
Leenhouts & Guthrie, architects, 424 Jefferson, Milwaukee, Wis.
Leeper, A. S., architect, Kent, Wash.
Leeper, L. F., & Co., contrs., Mobile, Ala.
Leer, Leopold, architect, 30 Church, New York.
Leerburger Bros., essential oils, 170 B'way, New York.
Lees-Bradner Co., mach. tools, 6210 Carnegie av, S. C., Cleveland, Ohio.
Lees, Daniel (Est. of), plushes, Glen Riddle, Pa.
Lees International Gas Governor Co., 128 N. Main, Providence, R. I.
Lees, John, dies, machsts., etc., Indianapolis, Ind.
Lees Mfg. Co., cordage & twine mfrs., Westport, Conn.
Lees, R. E., contractor, 303 6th av, S. E., Minneapolis, Minn.
Lees, Wm., htg. contrs., 548 W. Washington, Chicago, Ill.
Leesburg Canning Co., Leesburg, Ohio.
Leesburg Lime Co., Leesburg, Va.
Leesville Coffin & Casket Co., Leesville, S. C.
Leesville Iron Wks., machsts. & fndrs., Leesville, La.
Leesville Oil Mill Co., meal, Leesville, S. C.
Leet, H., Lumber Co., Portsmouth, Ohio.
Leete, Chas. H., machsts. & fndrs., Potsdam, N. Y.
Leetonia Boiler Co., Leetonia, Ohio.
Leetonia Tool Co., cool mining tools, Leetonia, Ohio.
Leetsdale Fdy. & Mfg. Co., castings & patterns, Leetsdale, Pa.
Lefebure Ledger Co., loose leaf devices, Cedar Rapids, Ia.
Lefebvre, A. H., paper & pulp mills, Felts Mills, N. Y.
Le Fevre, A. P., masons' & bldrs.' matrls., New Paltz, N. Y.
Lefevre, Edw. Y., paper & pulp mills, Fallsburg, N. Y.
Leffel, James, & Co., turbine water wheels, engines, etc., 500 Lagonda, Springfield, Ohio.
Lefferts, Chas. A., & Co., machsts. & fndrs., 109 2d av, Brooklyn, N. Y.
Lefferts Galvanizing Wks., 508 E. 20th, New York.
Leffler, A., Co., fertilizer, Savannah, Ga.
Leffler & Bland, masons' & bldrs.' matls., contr., Marion, Ohio.
Leffler, Chas., & Co., mfrs. sheet metal workers machines & tools, 59 Clymer, Brooklyn, N. Y.
See adv index at end of book.
Leffler, John A., contractor, Hazleton, Pa.
Leftwich, W. M., Co., contractors, Nashville, Tenn.
Legalite Corp., auto. lamp lenses, 120 Boylston, Boston, Mass.
Leger Mill Co., flour, Altus, Okla.
Leger, Supplein J., bldg. contr., Fitchburg, Mass.
Legg Brick Co., Calhoun, Ga.
Legg, Fred. A., architect, Salem, Ore.
Leggett & Bro., insecticide dusters, drug, paint, etc., spec., 301 Pearl, N. Y.
Leggett, Clarence F., architect, 179 Troup, Rochester, N. Y.
Leggett & Duryea, cement sidewalk name plates, Princeton, N. J.
Leggett & Platt Spring Bed & Mfg. Co., Carthage, Mo.
Leggett, Wm. T., Co., masons' & bldrs.' matls., 2621 Liberty, Pittsburgh, Pa.
Legier, Mell & Son, masons' & bldrs.' matls., Valley Falls, Kans.
Legler-Eilerman Co., white metal castings, Dayton, Ohio.
Legnard, A. B., Co., plugs, Waukegan, Ill.
Le Gore Combination Lime Co., Le Gore, Md.
Le Goullon, P., roofing tile, 27th & Liberty, Pittsburgh, Pa.
Le Grand Mine Drill Wks., Wilkes-Barre, Pa.
Leh, A. W., architect, South Bethlehem, Pa.
Le Haye Mfg. Co., metallic burial cases, 298 11th, San Francisco, Cal.
Lehi Canning Co., Lehi, Utah.
Lehigh Clay Product Co., Lehigh, Ia.
Lehigh Coal & Nov. Co., Phila., Pa.
Lehigh Coal & Supply Co., masons' & bldrs.' matls., Hoboken, N. J.
Lehigh Fire Brick Wks., Catasauqua, Pa.
Lehigh Foundry Co., Fullerton, Pa.
Lehigh Paper Mills, Inc., Pittston, Pa.
Lehigh Portland Cement Co., machsts. & fndrs., Allentown, Pa.
Lehigh Sewer Pipe & Tile Co., Fort Dodge, Ia.
Lehigh Star Bedding Co., mattresses, Allentown, Pa.
Lehigh Stone Co., Kankakee, Ill.
Lehigh Stove & Mfg. Co., Lehighton, Pa.
Lehigh Structural Slate Mfg. Co., Bangor, Pa.
Lehigh Structural Steel Co., Allentown, Pa.
Lehigh Thermometer Co., Catasaqua, Pa.
Lehigh Univ., engng. school & coll., South Bethlehem, Pa.
Lehigh Valley Cornice Wks., Bethlehem, Pa.
Lehlbach, Edward, architect, 507 5th av, New York.
Lehle, Louis, brewery architect, 38 S. Dearborn, Chicago, Ill.
Lehmaier, Schwarts & Co., tin foil, 207 E. 22d, New York.
Lehman Bros., elec. portables & hollow ware, 10 Bond, New York.
Lehman Bros., scrap iron, steel & rubber, Hoboken, N. J.
Lehman, Chas. T., mach. & founder, Birmingham, Ala.
Lehman, Ludwig, jewelry cases, 72 Beekman, New York.
Lehman Mfg. Co., grey iron castings, Connelton, Ind.
Lehman & Schmitt, architects, Electric Bldg., Cleveland, Ohio.
Lehman, Wm. E., architect, 738 Broad, Newark, N. J.
Lehmann, J. M., Co., cocoa & cholocate machy., 101 Varick, New York.
Lehmann Mch. Co., engine lathes, 606 S. B'way, St. Louis, Mo.
Lehmann & Schaefer, machsts. & fndrs., 321 Palmetto, Brooklyn, N. Y.
Lehmer, Jos. R., Co., machy. dlrs., Omaha, Neb.
Lehn & Fink, camphor & carbolic acid, 120 William, New York.
Lehnert & Co., machsts. & fndrs., 313 E. 22d, New York.
Lehon Co., waterproofing materials, etc., W. 45th & S. Western av, Chicago, Ill.
Lehr Agricultural Co., Fremont, Ohio.
Lehr, H., & Co., pianos, Easton, Pa.
Leibig, Chas. P., contractor, Ashland, Pa.
Leibold Gott Bldg. Co., contrs., 134 E. 4th, Cincinnati, Ohio.
Leich Elec. Co., lightning arresters, switchboards & transmitters, Genoa, Ill.
Leidecker Tool Co., Marietta, Ohio.
Leidich, W. H., htg. contrs., Pottsville, Pa.
Leidigh & Havens Lbr. Co., R. A. Long Bldg., Kansas City, Mo.
Leies, J. & Son, pianos, 1956 Larrabee, Chicago, Ill.
Leif Buggy Co., Attica, Ind.
Leigh Banana Case Co., baling presses, 2230 S. Union av, Chicago, Ill.
Leigh & Butler, tex. machy., supplies, etc., 232 Summer, Boston, Mass.
Leigh, John, Co., cotton waste, 241 A, Boston, Mass.
Leighton, A. J., contractor, Lorain, Ohio.
Leighton, Arthur, Co., wood acids, Methol, N. Y.
Leighton, H. J., machsts., Syracuse, N. Y.
Leighton, H. N., & Co., contractors, 127 S. 10th, Minneapolis, Minn.
Leighton Mach. Co., winders, Manchester, N. H.
Leighton-Mitchell Co., contractors, 95 Milk, Boston, Mass.
Leighton Plumbing & Heating Co., cornices, Bangor, Me.
Leighton Supply Co., plumbers, mill & facty. supplies, jobbers, Fort Dodge, Ia.
Leikauf Packing Co., meat packers, Ft. Wayne, Ind.
Leiman Bros., machy., 62 John, New York.
Leimann, Wm., & Bro., contractors, 2303 Clifton, Cincinnati, Ohio.
Leinbaugh, W. F., masons' & bldrs.' matls., Iowa City, Ia.
Leiner, Jos., architect, Mutual Sav. Bk. Bldg., Wheeling, W. Va.
Leiper, Callender I., stone producers, Chester, Pa.
Leiper, E., stone producers, Chester, Pa.
Leiper, G. A., & Co., masons' & bldrs.' matls., Little Rock, Ark.
Leipold, Gustave H., architect, 160 Martin, Milwaukee, Wis.
Leippe's, Jacob A., Sons, carriage & wagon shafts, poles & wheels, Reading, Pa.
Leipzig, A., porch shades, wires, willow, etc., baskets, 127 W. 17th, New York.
Leisen, John H., fire clay, Woodbridge, N. J.
Leiser & Holst, architects, Germania Bldg., Milwaukee, Wis.
Leiser Mfg. Co., machsts. & fndrs., 46 Walworth, Brooklyn, N. Y.
Leising, Jos. F., & Co., masons' & bldrs.' matls., Chicago Heights, Ill.
Leister, Frank H., masons' & bldrs.' matls., North Wales, Pa.
Leistner, Paul, Sons Mfg. Co., plumb bobs, St. Charles, Mo.
Leisure Packing Co., canned goods, Elwood, Ind.
Leisy-Patton Co., screw machines, 1837 E. 35th, Cleveland, Ohio.
Leitch, J. N., Co., auto. bodies, Amesbury, Mass.
Leitchfield Milling Co., flour, Leitchfield, Ky.
Leitelt, Adolph, Iron Works., iron forgings, Grand Rapids, Mich.
Leitelt Bros., brass, Chicago, Ill.
Leiter, E. T., & Sons, contractors, Call Bldg., San Francisco, Cal.
Leitha, J. F., architect, Waverly, Ia.
Leitner, Frank V., contractor, Scranton, Pa.
Leitner, J. F., architect, Wilmington, N. C.
Leitz, Ernest, condensers, photo-micrographic app., etc., 30 E. 18th, New York.
Lekko Soap Co., 925 S. Wells, Chicago, Ill.
Lektric Sales Co., corn poppers, Louisville, Ky.
Leland Bros. Co., mill & factory supplies, 414 E. 3d, Los Angeles, Cal.
Leland Equipment Co., mill, mine & loggers' supplies, 126 Pine, San Francisco, Cal.
Leland Fruit & Packing Co., canned goods, Leland, Wash.
Leland-Gifford Co., crank shafts & drilling machines, Worcester, Mass.

Leland, H. G., lumber, McClellanville, S. C.
Leland, Stanford, Jr., Univ., engng. school & coll., Palo Alto, Cal.
Le Laurin, A. A., machst. & fndr., Pine Bluff, Ark.
Lelong, L., & Bro., smelters & refiners, 345 Halsey, Newark, N. J.
Lema Mattresses Co., Lema, O.
Lemana, B, & Bro., masons' & bldrs.' matls., Donaldsville, La.
Lemberg Enameling Co., fndrs., Florence av, Cincinnati, Ohio.
Lembke, Chas. F., architect, Valparaiso, Ind.
Lemcke, Meyer, Novelty Co., 1923 Mills av, Norwood, Cincinnati, Ohio.
Leming, M. E., Lumber Co., Cape Girardeau, Mo.
Lemke, E., contractor, Albuquerque, N. M.
Lemke Elec. Co., 509 Cedar, Milwaukee, Wis.
Lemley, L. F., & Sons., common brick, Strasburg, Va.
Lemme, E. S., architect, 337 7th av, San Francisco, Cal.
Lemmer, Fredk., architect, Irvington, N. J.
Lemmerman & Hoffman Granite Co., Mount Airy, N. C.
Lemmers Umbrella Co., 39 The Arcade, Cleveland, Ohio.
Lemon Milling Co., flour, Bedford, Ind.
Lemont Limestone Co., 2433 S. Ashland av, Chicago, Ill.
Lemoyne Brass Fdry, Lemoyne, Pa.
Lempert, Leon H., & Son, architects—theatre, Cutler Bldg., Rochester, N. Y.
Lena Casket & Supply Co., Lena, Ill.
Lenahan, Frank, & Son, machy., scrap iron, etc., 53 Fulton, Buffalo, N. Y.
Lenahan, J. B., stone, granite, 140th & Rider av, New York.
Lenahan, R., & Co., ship bldrs., Kingston, N. Y.
Lenderking, P. H., Jr., cornices, Linwood av & Dillon, Balto., Md.
Lendrim, H. C., Co., cornices, Paterson, N. J.
Lenehan, Pat. H., contractor, Malden, Mass.
Lengacher, Wm., cornices, 2046 Larrabee, Chicago, Ill.
Lengel, Jonathan D., contractor, Wayne, Pa.
Lenges, Philip, Iron Wks., 309 E. 122d, New York.
Lengfelt, F. H., & Co., dyes & dyestuffs, 100 Maiden la, New York.
Leng's, John S., Son & Co., syphon pumps, 33 Murray, New York.
Lenhart, I. S., masons' & bldrs.' matls., Hamburg, Pa.
Lenhart, J. J., cotton waste, 236 N. Delaware av, Philadelphia, Pa.
Lenhart Wagon Co., machsts. & fndrs., 2600 University av, Minneapolis, Minn.
Lenhert Textile Machy. Co., 53 State, Boston, Mass.
Lenker, Frank K., & Co., machsts., Millersburg, Pa.
Lenmar Mfg. Co., baling presses, Saginaw, Mich.
Lennan, John, Son Co., contractors, Niagara Falls, N. Y.
Lennane Bros., contractors, Union Trust Bldg., Detroit, Mich.
Lennig, Chas., & Co., acetic acid, ores, etc., 112 S. Front, Philadelphia, Pa.
Lennon, Adelbert J., contractor, Watervliet, N. Y.
Lennon, Jas. E., Lime & Cement Co., 352 Church, San Fran., Cal.
Lennox Furnace Co., Marshalltown, Ia.
Lennox, Jos. W., contractor, New Orleans, La.
Lennox Mach. Co., corn mills, 2558 W. 16th, Chicago, Ill.
Lennox Throatless Shear Co., Marshalltown, Ia.
Lenoir Car Wks., machsts. & fndrs., Washington, D. C.
Lenoir Mills, Inc., flour, Lenoir, N. C.
Lenoir Oil & Ice Co., Kingston, N. C.
Lenox, Inc., domestic china, Trenton, N. J.
Lenox Brick Co., Cliffwood, N. J.
Lenox Building Supply Co., 27 Clinton, Newark, N. J.
Lenox Knitting Wks., sweaters, cardigans, etc., 400 Nostrand av, Brooklyn, N. Y.
Lenox Mfg. Co., machsts., Catasauqua, Pa.
Lenox Motor Car Co., 18 Columbus av, Boston, Mass.
Lenox Shear Co., Brookfield, Conn.
Lens Co., cereal foods, 3d av & Ross, Pittsburgh, Pa.
Lensed Elec. Shade Co., 101 Warren, New York.
Lensing Bros., masons' & bldrs.' matls., Evansville, Ind.
Lents, Walter T., archt., 4942 Univ. av, Indianapolis, Ind.
Lentz, Chas., & Sons, surgical & dental instruments, 33 S. 17th, Philadelphia, Pa.
Lentz, Hy., fndr., Mount Pleasant, Pa.
Lentz, Robt. A., contractor, Freeland, Pa.
Lentz-Schebler Co., variable speed transmission, Indianapolis, Ind.
Lentz, Walter Edward, archit., David Whitney Bldg., Detroit, Mich.
Lenz Apparatus Co., glass quartz, 9 E. 16th, New York.
Lenzen, Louis T., architect, 110 S. 2d, San Francisco, Cal.
Lenzen, Theo. W., architect, Humboldt Bk. Bldg., San Fran., Cal.
Leo, Jas., Co., paper & pulp mills, 231 Varick, Jersey City, N. J.
Leo, John P., architect, 770 St. Nicholas av, New York.
Leola Mach. Co., Leola, Pa.
Leoma Gin & Fertilizer Co., Leominster, Mass.
Leominster Hardware Co., Leominster, Mass.
Leona Mills Lbr. Co., Leona, Ore.
Leonard, B. A., contractor, 4170 Mad Anthony, Cincinnati, Ohio.
Leonard & Baker Stove Co., Taunton, Mass.
Leonard-Bundy Elect. Co., rheostats, switches, switch boards, etc., 433 Champlain av, Cleveland, Ohio.
Leonard, Chas., Hardware Co., Petersburg, Va.
Leonard Co., masons' & bldrs.' matls., Albany, N. Y.
Leonard Construction Co., 332 S. Michigan, Chicago, Ill.
Leonard Const. Co., Jefferson & Connors Creek, Detroit, Mich.
Leonard Die & Seal Co., steel letters & figures, 522 S. Clinton, Chicago, Ill.
Leonard, Elizabeth, architect, Abbott Bldg., Cambridge, Mass.
Leonard, F. B., & Co., neck yokes, Metropolis, Ill.
Leonard, F. J., contractor, Lewis Bldg., Portland, Ore.
Leonard, G. Francis, architect, 5 Beekman, New York.
Leonard Hi-Oven Range Co., stove mfrs., Cedar Rapids, Ia.
Leonard, J. J., contractor, Phelan Bldg., San Francisco, Cal.
Leonard, J. M., machsts. & fndrs., Osterville, Mass.
Leonard, J. N., & Co., contractors, 902 Chapel, New Haven, Conn.
Leonard & Lally, cornices & skylights, Maysville, Ky.
Leonard, Louis R., archit., 5543 Fair Oaks, Pittsburgh, Pa.
Leonard & McCoy, mill & facty. supplies, 161 Washington, New York.
Leonard Mach. Wks., 1222 Race, Philadelphia, Pa.
Leonard Mfg. Co., dinner pails, Scranton, Pa.
Leonard, Peterson & Co., laboratory wodo work, 1234 Fullerton, Chicago, Ill.
Leonard, Rodney W., architect, Rea Bldg., Terre Haute, Ind.
Leonard Rooks Co., shower bath valves, 486 Broad, Providence, R. I.
Leonard, S. O., contractor, Galveston, Tex.
Leonard Sheet Metal Wks., Hoboken, N. J.
Leonard, Thos. F. Co., whol. hdwe., Scranton, Pa.
Leonard Tractor Co., Detroit, Mich.
Leonardis, Peter, & Sons, scrap iron, rubber, etc., 57 River, Newark, N. J.
Leonardt & Peck, contractors, 356 Spring, Los Angeles, Cal.
Leonhardt, Chas., machinist, New Ulm, Minn.
Leonhardt, Louis, rubber stamps & stencils, 111 Warren, New York.
Leonhardt Wagon Mfg. Co., 417 E. Saratoga, Baltimore, Md.
Leopold Desk Co., Burlington, Ia.
Leopold, J., & Co., china imptrs. & jobbers, 101 Hanover, Baltimore, Md.
Leopold, J., & Co., stone, granite, wood paving blocks, Woolworth Bldg., New York.
Leousi, Clonney & Co., chamois imp. & sponges, 39 Walker, New York.
Lepley, Matthew G., architect, 1406 G, N. W., Washington, D. C.
Le Poidevin, A., & Co., granite producers & wkrs., 286 5th av, New York.
Lepper, W. H., architect, Brooks Arcade Bldg., Salt Lake City, Utah.
Leppert, Chas. H., machst., Hartford, Conn.
Lerch Bros., harness & saddlery mfrs., Baltimore, Md.
Lerch, F. J., & Co., contractors, Easton, Pa.
Lercher, A., trunk mfrs., 435 Broome, New York.
Lerio Patent Cup Co., Mobile, Ala.
Le Roi Motor Co., lathes; machine tools, West Allis, Wis.
Le Roy Canning Co., Le Roy, N. Y.
Leroy Plow Co., Leroy, N. Y.
Le Roy, Rockwell A., architect, Kalamazoo, Mich.
Leroy Salt Co., Leroy, N. Y.
Leschen, A., & Sons Rope Co., 920 N. 1st, St. Louis, Mo.
Lescher, J. G., Constr. Co., 4237 Linton av, St. Louis, Mo.
Lescher & Kibbey, architects, Pheonix, Ariz.
Lescher, T. H., architect, 920 Monroe, Topeka, Kans.
Lesh, C. P., Paper Co., pads & tablets, Indianapolis, Ind.
Lesh & Matthews Lumber Co., 140 S. Dearborn, Chicago, Ill.
Lesher & Roess, stone producers, Oil City, Pa.
Lesinski-Leszezynski Co., contractors, 715 Forrest av, Detroit, Mich.
Lesley & Trinkle Co., masons' & bldrs.' matls., Penna Bldg., Philadelphia, Pa.
Leslie Co., machsts. & fndrs., Lyndhurst, N. J.
Leslie, Elliott & Co., boilers, caissons, stills, tanks, etc., Paterson, N. J.
Leslie, Jno., carved mouldg. & blind mfrs., 138 W. 15th, New York.
Leslie, John, Paper Co., 3d av S. & 5th, Minneapolis, Minn.
Leslie Sheet Metal Works, Bristol, Tenn.
Leslie & Tracy, Inc., heating contrs., 1790 B'way, New York.
Le Sourd, A., & Sons, sashes, doors & blinds, Bellefontaine, Ohio.
Lesselyong Hardware Co., Ironwood, Mich.
Lesser, Chas. L., architect, West Allis, Wis.
Lessig, Geo. B., Co., iron & steel rolling mills, Pottstown, Pa.
Lessig, Geo. D., & Son, agricultural implements, Reading, Pa.
Lessig, J., cornices & skylights, East Stroudsburg, Pa.
Lessig, John, & Son, common brick, Grand Rapids, Wis.
Lessley, A. L., soap, Lebanon, Pa.
Lesswing's, Peter, Sons, carriages, Buffalo, N. Y.
Lester, A. W., meat packers, Albany, N. Y.
Lester Clay Co., Jacksonville, Fla.
Lester Co., aluminum solder, Fayetteville, N. Y.
Lester Piano Co., 1308 Chestnut, Philadelphia, Pa.
Lester, W. C., architect, Scimitar Bldg., Memphis, Tenn.
Lester & Wasley Co., machsts. & fndrs., Norwich, Conn.
Lestershire Lumber & Box Co., Lestershire, N. Y.
Lestershire Spool Mfg. Co., spools, Lestershire, N. Y.
Lesueur, W. D., & C. H., brick, Nashville, Tenn.
Letcher, R. J., & Son, plumbers' supplies—jobbers, 191 Morgan, Jersey City, N. J.
Letellier, F., & Co., lbr. mfrs., Grand Rapids, Mich.
Letteney, C. F., contractor, 11 Central, Boston, Mass.
Lettes, A. C., Mfg. Co., stove polish, Kansas City, Mo.

Letts, E. M., stove pipe mfrs., Waverly, N. Y.
Letts, R. G., lumber, Bannister, Mich.
Letts, W. T., Box & Cooperage Co., St. Joseph, Mo.
Letz Mfg. Co., agricultural implements, Crown Point, Ind.
Letzgus, Anton A., Jr., architect, Bailey Bldg., Phila., Pa.
Leu, F., Co., machsts., 231 Vernon av, Long Island City, N. Y.
Leuckel, A. K., & Co., sash, doors & blinds, Trenton, N. J.
Leukart, J., Co., lock mortising machines, 44 E. Columbus, Columbus, Ohio.
Leunis, Alex., wall pockets, 223 W. 17th, New York.
Leupold & Voelpel, scientific instruments—water level recorders, 107 E. 70th N., Portland, Ore.
Leuton Brick Co., 25th & Passy'k av, Philadelphia, Pa.
Lentwiller Bros., machsts. & fndrs., Highland, Ill.
Leutwiler, J. H., machsts. & fndrs., Trenton, Ill.
Leutz, C. F., Sons, handles (wood), Maryville, Ohio.
Le Valley, Frank J., contractor, Lockport, N. Y.
Le Valley-McLeod-Kinkaid Co., plumbers' suppls, Elmira, N. Y.
LE VALLEY VITAE CARBON BRUSH CO., carbon brushes, 521 W. 23rd, New York.
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Levandowski, Peter, contractor, Lafayette, Ind.
Levensaler-Speir Corp., magnesite & manganese, Monadnock Bldg., San Francisco, Cal.
Le Veque Construction Co., 108 Jeff, Detroit, Mich.
Lever Coil Spring Co., Monadnock Bldg., San Francisco, Cal.
Lever, Oswald, Co., textile machy., supplies, etc., 13th & Cumberland, Philadelphia, Pa.
Leverer, J. S., & Co., cornices, Saginaw, Mich.
Leveridge, Chas. W., elec. & gas light fixtures, fire alarm signal boxes, lamp guards, etc., 133 Liberty, New York.
Levering Bros., sash weights, castings, etc., Wicomico & Monroe, Baltimore, Md.
Levering & Garrigues Co., machsts., fndrs., steel & iron wks., 552 W. 23d, New York.
Levering Mfg. Co., broom handles, Wilmington, N. C.
Leveson, S., scrap iron, 464 Grand, Jersey City, N. J.
Levesque, J. T., & Co., architects, Great Falls, Mont.
Levett, Walker M., Co., fndrs., 417 E. 23d, New York.
Levey, Fred H., Co., inks, 59 Beekman, New York.
Levi, B., & Co., scrap iron, brass & copper, Scranton, Pa.
Levi, Julian Clarence, architect, 105 W. 40th, New York.
Levi, Louis, architect, Munsey Bldg., Baltimore, Md., & Real Estate Tr. Bldg., Philadelphia, Pa.
Levi, M. A., scrap rubber, Rochester, N. Y.
Levick's, Richard, Son & Co., mill & facty. supplies, 720 Chestnut, Philadelphia, Pa.
Levien, Louis, Cut Glass Co., 164 5th av, New York.
Levin, Kroneneberg & Co., sash, door & blind mfrs., Van Sinderen av, Brooklyn, N. Y.
Levin, Wm., sweaters, cardigans, etc., 204 Canal, New York.
Levine, A., & Co., scrap iron, 1461 S. State, Chicago, Ill.
Levine, Abram, carbons, black diamonds, etc., 35 Nassau, New York.
Levine, B., & Bro., contractors, 40 Greensbury, Boston, Mass.
Levine & Co., sweaters, bath'g suits, etc., 291 Essex, Bklyn, N. Y.
Levine Contr. Co., 332 S. Michigan av, Chicago, Ill.
Levine, P., & Co., umbrella handles, 247 Center, New York.
Levingson, S., architect, 101 W. 42d, New York.
Levinson Packing Co., meat, Newport News, Va.
Levinson, Schubb & Caplan, scrap iron & steel, 35 Pride, Pittsburgh, Pa.
Levinstein, I., & Co., aniline colors, 74 India, Boston, Mass.
Levis, Henry, Co., railroad equipment (second hand), Com. Trust Bldg., Philadelphia, Pa.
Levison & Blythe Mfg. Co., 209 Locust, St. Louis, Mo.
Levitan, Benj. W., architect, 20 W. 31st, New York.
Leviton, Morton, architect, 155 N. Clark, Chicago, Ill.
Levy, A., mfr. of uniform caps, also cloth hats & caps, 693 Mission, San Francisco, Cal.
Levy, Albert D., fndrs., Cleveland, Ohio.
Levy, Alex. L., architect, 111 W. Washington, Chicago, Ill.
Levy & Clarke, architects, Germania Bldg., Savannah, Ga.
Levy, Emilio, archit., 331 Madison av, New York.
Levy, Max & Co., cullet, 845 Rees, Chicago, Ill.
Levy & Merzbach, advert. nov. & spec., 1255 B'way, New York.
Levy Rice Milling Co., 448 Julia, New Orleans, La.
Levy, Robt., Co., cigar cutters, 119 Sussex, Newark, N. J.
Levy, S., duster mfr., 618 New Market, Phila., Pa.
Levy, Samuel S., architect, 35 Court, Boston, Mass.
Levy, Wm., architect, Wright Bldg., St. Louis, Mo.
Lewald, F., & Co., screw driver mfrs., 500 S. Wells, Chicago, Ill.
Lewers & Cooke, Ltd., masons' & bldrs.' matls., sashes, doors & blinds, Honolulu, Hawaii.
Lewes Machine Co., dies, straightening & cutting machines, etc., 830 Long av, Cleveland, Ohio.
Lewes Packing Co., canned goods, Lewes, Del.
Lewin, A. M., Lbr. Co., Bank & McLean, Cincinnati, Ohio.
Lewis, A. E., architect, Miami, Fla.
Lewis, Baldwin & Co., turpentine, Bowling Green, Fla.
Lewis & Bennett Hardware Co., whol. hardware, 4 N. Main, Wilkes-Barre, Pa.
Lewis Bros., Co., contractors, Nashville, Tenn.
Lewis & Burroughs Co., contrs., Schenectady, N. Y.
Lewis Canning Co., Westport, Cal.
Lewis, Chas. C., Co., whol. hardware, Springfield, Mass.
Lewis & Co., cottonseed meal, Edwards, Miss.
Lewis Comyn, mattresses, Charleston, W. Va.
Lewis Contr. Co., 327 1st, Pittsburgh, Pa.
Lewis County Canning Assn., Chehalis, Wash.
Lewis, D. C., architect, Couch Bldg., Portland, Ore.
Lewis, D. W., Co., masons' & bldrs.' mtls., 24 Milk, Cambridge, Mass.
Lewis & Davis, steam htg. contrs., 412 E. 31st, Kansas City, Mo.
Lewis & Dick, contrs., Zanesville, Ohio.
Lewis & Dougherty, architects, 35 N. Dearborn, Chicago, Ill., & Danville, Ill.
Lewis Drilling Compound Co., Sauquoit, N. Y.
Lewis, E. J., machst., Middlejort, N. Y.
Lewis, Edwin B., architect, Lansdowne, Pa.
Lewis, Edwin J., Jr., architect, 9 Park, Boston, Mass.
Lewis & Egginton, machsts. & fndrs., Meserole, Brooklyn, N. Y.
Lewis Electric Welding & Mfg. Co., Toledo, Ohio.
Lewis & Ellery, architects, Reno, Nev.
Lewis, F. C., canned goods, Hopkins, Va.
Lewis, F. H., lumber, ties, poles, posts, 636 Lumber Exch. Bldg., Minneapolis, Minn.
Lewis, F. J., Mfg. Co., roofing materials, Moline, Ill.
Lewis File Mfg. Co., Beach City, Ohio.
Lewis Foundry & Mach. Co., machsts. & fndrs., Groveton, Pittsburgh, Pa.
Lewis, G. B., Co., bee keepers' supplies, Watertown, Wis.
Lewis, G. Wilton, architect, 34 School, Boston, Mass.
Lewis-Geer Mfg. Co., children's vehicles, Ypsilanti, Mich.
Lewis, Geo. A., contractor, 1115 Midland av, Syracuse, N. Y.
Lewis, H., Co., boiler compounds, 832 Washington blvd, Chicago, Ill.
Lewis-Hall Iron Wks., Ferry av & G. T. Ry., Detroit, Mich.
Lewis Hardware Co., Rhinelander, Wis.
Lewis, Harry I., lbr. mfrs., 62 Beaver, New York.
Lewis, Hy. B., steel struct. wk., Ferry av & G. T. Ry., Detroit, Mich.
Lewis & Hill, architects, Brisbane Bldg., Buffalo, N. Y.
Lewis, Ion, archit., Wilcox Bldg., Portland, Ore.
Lewis Institute, engng. schools & coll., Chicago, Ill.
Lewis, J. E., architect, New Philadelphia, O.
Lewis, J. L., photographic paper, 522 6th av, New York
Lewis, J. P., Co., jute boards, paper & pulp mills, Beaver Falls, N. Y.
Lewis, J. R., machst. & fndr., Weatherford, Tex.
Lewis, Jno. D., aniline colors, dyes, starch, etc., 8 Exchange pl, Providence, R. I.
Lewis, John L., contractor, Binghamton, N. Y.
Lewis, Jno. S., Jr., brick, Wayne, Neb.
Lewis, John T., & Bros. Co., color mfrs. & imptrs., Lafayette Bldg., Phila., Pa.
Lewis, Jos. E., pipe bends & coils, 1218 Warner, Baltimore, Md.
Lewis Lumber Co., Asbury Park, N. J.
Lewis Machine Co., straighteners & cutters, 6303 Central, Cleveland, Ohio.
Lewis Mfg. Co., cotton, Walpole, Mass.
Lewis Mfg. Co., milk & cream coolers, Cortland, N. Y.
Lewis Mfg. Co., lbr. mfrs., Bay City, Mich.
Lewis, Mirt E., htg. contrs., Binghamton, N. Y.
Lewis & Neville Mfg. Co., carriages, Goshen, Ind.
Lewis Robt., Co., car curtains, Richmond & Brill, Phila., Pa.
Lewis & Roth Co., switches, 1012 Liberty Bldg., Broad & Chestnut, Philadelphia, Pa.
Lewis Run Mfg. Co., acetate of lime, wood alcohol, etc., Bradford, Pa.
Lewis, Sam'l, janitors' supplies, 73 Barclay, New York.
Lewis-Sheppard Co., factory trucks, 260-280 Dover, Boston, Mass.
Lewis, Slocum & Lefevre Co., paper & pulp mills, Beaver Falls, N. Y.
Lewis Spring & Axle Co., Chelsea, Mich.
Lewis Steam Specialty & Valve Co., 260 N. 11th, Phila., Pa.
Lewis, Tom, fertilizer mfrs., Sacramento, Cal.
Lewis-Weller Mfg. Co., bed & coil or spiral springs, Utica, N. Y.
Lewis, Wiley & Morse, contractors, Seattle, Wash.
Lewis, Wm. A., common brick, Knox, Ind.
Lewis, Wm. W., architect, 15 Exchange, Boston, Mass.
Lewis-Wilson-Hicks Co., lumber, Glasgow, Ky.
Lewisburg Chair Co., Lewisburg, Pa.
Lewisburg Foundry Co., Lewisburg, Tenn.
Lewisburg Mill & Elevator Co., flour, Lewisburg, Tenn.
Lewisburg Stone Co., Lima, Ohio.
Lewisport Mill Co., flour, Lewisport, Ky.
Lewiston Handle Co., Lewiston, Me.
Lewiston Metal Cornice & Skylight Wks., Lewiston, Me.
Lewistown Foundry & Mach. Co., Lewistown, Pa.
Lewisville Canning Co., Lewisville, Ind.
Lewthwaite, Geo. A., Co., machsts. & fndrs., 116 Walker, N. Y.
Lewthwaite, T. H. Mach. Co., 413 E. 31st, New York.
Lewy Chemical Co., camphor, 26 E. 22d, New York.
Lexington Brick Co., Lexington, Ky.
Lexington Engine & Boiler Works, Lexington, Ky.
Lexington Flouring Mills, Lexington, Mo.
Lexington-Howard Co., automobile bldrs., Connersville, Ind.
Lexington Instrument Wks., calorimeters & machsts., Lexington, Richmond Co., Ohio.
Lexington Mfg. Co., tickings, Columbia, S. C.
Lexington Mill & Elevator Co., feed, flour, Lexington, Neb.
Lexington Roller Mills Co., feed, flour, Lexington, Ky.

Lexington Triumph Press Brick Co., Lexington, Mo.
Ley Constr. Co., house bldg., Pittsburgh, Pa.
Ley, E. T. Co., contractors, 1024 Main, Bridgeport, Conn.
Ley, Fred. T., & Co., Inc., general contractors, 499 Main, Springfield, Mass., 185 Devonshire, Boston, Mass., 19 W. 44th, New York.
Ley, H., & Co., iron, Lincoln av, Cincinnati, Ohio.
Ley, Jno., machsts. & fndrs., Bradford, Pa.
Leyden-Orsterfen Co., constractors, 53 W. Jackson, Chicago, Ill.
Leyland, Thos., & Co., aniline colors, textile machy., etc., Readville, Boston, Mass.
Leyner, J. Geo., Engng. Wks. Co., pneumatic pile drivers, Littleton, Colo.
L'Hommedieu, Chas. F., & Sons Co., platers' & polishers' supplies, 24 S. Clinton, Chicago, Ill.
L'Hommedieu's, J. H., Son & Co., contractors, 132 Madison av, New York.
Lhote & Co., lbr. mfrs., Whitney Bldg., New Orleans, La.
Lian, Henry S., archit., 512 5th av, New York.
Libbe, Henry, stone producer, Toledo, O.
Libbey, F. B., sashes, doors & blinds, 3018 K, N. W., Washington, D. C.
Libbey Glass Co., Toledo, Ohio.
Libbey, H. S. & Co., contractors, 46 Cornhill, Boston, Mass.
Libbey, W. S., Co., woolen carriage cloth, Lewiston, Me.
Libby, A. A., Sons Co., contractors, 10 Milk, Boston, Mass.
Libby, C. A., Co., stable fixtures, feed truck mfrs., etc., Oshkosh, Wis.
Libby, E. D., & Son, contractors, Portland, Me.
Libby, E. & Sons Co., lumber mfrs., Gorham, N. H.
Libby-Harlow & Co., collars, 250 Devonshire, Boston, Mass.
Libby, J. H., Co., contractors, 4500 Euclid av, Cleveland, Ohio.
Libby & Libby Co., contractors, 244 2d av S, Minneapolis, Minn.
Libby Lbr. Co., Minneapolis, Minn.
Libby-McNeill & Libby, canned goods, 300 W. S. Water, Chicago, Ill., & Honolulu, Hawaii.
Libby, T., & L. D. Co., contractors, Temple ct, Minneapolis, Minn.
Liberman, M., bags & bagging, 11 Lewis, New York.
Liberman Mfg. Co., cigar machy., 248 N. 8th, Phila., Pa.
Liberty Bell Co., auto bells, 417 Superior av, Cleveland, Ohio.
Liberty Brand Canning Co., Dover, Del.
Liberty Brass Works, machsts. & fndrs., Baltimore, Md.
Liberty Cut Glass Wks., Egg Harbor City, N. J.
Liberty Elec. Co., incandescant elec. lamps., 543 4th, Pittsburgh, Pa.
Liberty Fdry. Co., grey iron castings, 7601 Reilly av, St. Louis, Mo.
Liberty Glass Sign Co., 543 4th av, Pittsburg, Pa.
Liberty Hoisting Engine Co., 283 Hudson, New York.
Liberty Incandescent Light Co., 7 Chatham sq, New York
Liberty Iron Pipe & Nipple Wks., 138 Center, New York
Liberty Iron Wks., 462 10th av, New York.
Liberty Machine Tool Co., Hamilton, Ohio.
Liberty Mfg. Co., flue cutters, 6905 Susquehanna, Pittsburgh, Pa.
Liberty Milling Co., flour, Liberty, N. C.
Liberty Mills, flour, Nashville, Tenn.
Liberty Mirror Wks., hand, 6615 Kelly, Pittsburgh, Pa.
Liberty Motor Car Co., Ft. Lycaste av, Detroit, Mich.
Liberty Nov. Co., advtg. spec., Box 203, Salisbury, Ind.
Liberty Paper Co., sealing machs., 52 Vanderbilt av, New York.
Liberty Screw Co., Inc., screw mach. prod. cap & set screws, 30 N. Warren Foster, Worcester, Mass.
Liberty Steel Co., tin mill products, Warren, Ohio.
Liberty Steel Products Co., 233 Broadway, New York.
Liberty Stove Co., machsts. & fndrs., 308 Chestnut, Phila., Pa.
Liberty Tractor Co., Minneapolis, Minn.
Libman Constr. Co., 112 W. 46th, New York.
Libman, Wm., corn brooms, 1229 W. Grant av, Chicago, Ill.
Library Bureau, 43 Federal, Boston, Mass.
Licht, Adam, contractor, 80 Alyea, Newark, N. J.
Licht, Geo. A., architect, 126 E. 38th, New York.
Lichtenstein, Milton, architect, 111 Ellis, San Francisco, Cal.
Lichtenstein's, L., Sons, fish nets, Richmond, Va.
Lichtman, S., & Son, second hand bags, 9 Randall, Buffalo, N. Y.
Lichty, B. F., & Son Co., cupolas, barns, cornices & skylights, Waterloo, Ia.
Licking Window Glass Co., Utica, Ohio.
Liddell Co., saw mill machy., agric'l implements, mill & facty. supplies, Charlotte, N. C.
Liddell, G. J., canned goods, Liberty Grove, Md.
Liddell, Jno., machst. & fndr., Omaha, Neb.
Lidderdale, A. E., machst., Junction City, O.
Liddle, Frank M., gasoline filters, 3021 S. Michigan Blvd., Chicago, Ill.
Lidgerwood Mfg. Co., steam & elec. hoists, etc., 96 Liberty, New York. *See adv index at end of book.*
Lidgerwood Co-op. Milling Co., flour, Lidgerwood, N. D.
Lidseen, Gustav, machst., 224 N. Desplaines, Chicago, Ill.
Liebau, Hans, architect, Fulton, Jamaica, N. Y.
Liebbe, Nourse & Rasmussen, architect, Utica Bldg., Des Moines, Iowa.
Liebel-Flarsherm Co., transformers, 2805 Vine, Cincinnati, O.
Lieber, H., & Co., incandescent light chem., 14 Platt, New York.
Lieberman, Jos. L., Iron Co., scrap iron, 110 S. Dearborn, Chicago, Ill.
Lieberman, Loveman & O'Brien, lumber, Nashville, Tenn.
Lieberman & Sanford Co., architect'l & ornament. iron, 623 W. 57th, New York.
Lieberman Trunk Co., Saginaw, Mich.
Liebert, E. R., architect, Colby-Abbott Bldg., Milwaukee, Wis.
Liebert, Hans T., architect, Wausau, Wis.
Liebhardt, Wm. L., & Co., flannels, blankets, woolen, Middletown, Ind.
Liebig, Wm., & Co., mchsts., 96 Leland, Detroit, Mich.
Liebke, C. F. Hardware Mills & Lbr. Co., 2d & Buchanan, St. Louis, Mo.
Liebman, Ernest F., contractor, Fort Wayne, Ind.
Liebmann, R., Mfg. Co., metal buttons, 73 Bruen, Newark, N. J.
Liebold, H. Albin, architect, Denison blk., Toledo, Ohio.
Liebrick, Fred., concrete sockets, Monadnock Bldg., Chicago, Ill.
Liebstein, J., & Sons, scrap iron & steel, 1226 Broad, Newark, N. J.
Liedberg, Hugo J., architect, 154 W. Randolph, Chicago, Ill.
Lieker, Fred'k, contractor, Chattanooga, Tenn.
Leisch, Pierre A., architect, 213 Lexington av, Pittsburgh, Pa.
Liese & Ludwick, architects, Danville, Ill.
Liese Lumber Co., Belleville, Ill.
Liesinger, R. T. G., machsts., Ellicott sq. Buffalo, N. Y.
Lietz, A., Co., engineers' chronometers, 61 Post, San Francisco, Cal.
Life Saving Devices Co., 710 W. Madison, Chicago, Ill.
Liggett, J W., & Son, machy. dlrs., 601 W. 5th, Kansas City, Mo.
Liggett Spring & Axle Co., Monongahela, Pa.
Light, A. L., scrap iron, Punxsutawney, Pa.
Light Draft Harrow Co., machsts. & fndrs., Marshalltown, Ia.
Light Finder Sales Corp., pull chain bulbs, 507 5th av, New York.
Light Mfg. & Foundry Co., castings mfrs., Pottstown, Pa.
Light Railway Equipment Co., Commercial Tr. Bldg., Phila., Pa.
Lighthiser, C. H., canned goods, 602 William, Baltimore, Md.
Lighthouse Canning & Packing Co., Cordova, Alaska.
Lightman, M. A., Co., contrs., Nashville, Tenn.
Lightner Bros., contractors, Cedar Rapids, Ia.
Lightner, N., granite producers, Gettysburg, Pa.
Lightning Letter Opener Co., Rochester, N. Y.
Lightning Mfg. Co., belt dressing, Orchard & Lordsdale, Philadelphia, Pa.
Lightning Mfg. Co., compounds, Cornish Flat, N. H.
Lightning Needle Co., pins, 564 B'way, New York.
Lightning Studio Co., elec. illuminated signs, 220 W. 42nd, New York.
Lignell, A. Werner, architect, Alworth Bldg., Duluth, Minn.
Lignum Chem. Wks., sawdust, Morgan av, Brooklyn, N. Y.
Ligonier Carriage Co., Ligonier, Ind.
Liken & Bach, lumber, Sebewaing, Mich.
Liken, John C., & Co., mill feed, Sebewaing, Mich.
Likly, Hy., & Co., trunks, traveling bags, Rochester, N. Y.
Likly & Rackett Trunk Co., 1365 Euclid av, Cleveland, Ohio.
Liles Bros., spokes, Forest, Miss.
Lilien & Charyn, hdwe. & plbrs'. supplies, 430 W. B'way, New York.
Lilienthal Crockery Co., Atlanta, Ga.
Liljenberg, N. Edw., architect, Contl. Natl. Bk. Bldg., Salt Lake City, Utah.
Lillard Milling Co., flour, Decatur, Tex.
Liller, W. A., Building Co., Keyser, W. Va.
Lilley, M. C., & Co., machsts. & fndrs., 6th & Long, Columbus, Ohio.
Lillie, Dexter P., Co., cotton waste, Indian Orchard, Mass.
Lillie Granite Co., Montpelier, Vt.
Lillie, O. E., brooms, Hiawatha, Kans.
Lilly, Arthur L., machsts., Rixford, Pa.
Lilly Bros. Foundry, Los Angeles, Cal.
Lilly Carriage Co., Memphis, Tenn.
Lilly, Chas. H., Co., fertilizer mfrs., Seattle, Wash.
Lilly-Fletcher Co., contrs., 756 S. B'way, Los Angeles, Cal.
Lilly Hardware Co., 114 E. Washington, Indianapolis, Ind.
Lilly Oil Mill Co., Cottonseed meal, Lilly, Ga.
Lilly Varnish Co., Indianapolis, Ind.
Lillyblad, Gust., lime mfrs., Red Wing, Minn.
Lily Cup Co., 120 B'way, New York.
Lima Brass Fdry, Lima, Ohio.
Lima Cleaning Mach. Co., hand vacuum cleaners, Lima, Ohio.
Lima Cut Stone Co., Lima, Ohio.
Lima Locomotive Corp., locomotive bldrs., 106 3rd, Iima, Ohio.
Lima Metals Fdry. Co., Lima, Ohio.
Lima Packing Co., meat packers, Lima, Ohio.
Limbacher Paint & Color Wks., 162 E. 35th, New York.
Limback & Jeffrey, lumber, Cedar Rapids, Ia.
Limberg Foundry & Enameling Works, sinks, etc., Florence av, Cincinnati, Ohio.
Limbert, Chas. P., Co., mission lamps, Holland, Mich.
Limbert, Geo. B., Co., mill & facty. supplies, 558 Fulton, Chicago, Ill.
Limeburner, J. E., Co., optical instruments, Philadelphia, Pa.
Limerick, J. Arthur, Co., name plates, 960 N. Howard, Baltimore, Md.
Limeton Lime Co., Limeton, Va.
Limestone Mills, cotton sheetings, Gaffney, S. C.
Limoges China Co., Sebring, Ohio.

Limousine-Carriage Mfg. Co., auto. bodies, 3515 S. Michigan av, Chicago, Ill.
Linberg, J. F., Co., aniline color, etc., 101 Beekman, New York.
Linch, T. O., masons' & bldrs.' matls., Flovilla, Ga.
Linck, Jacob H., wholesale hdwe., Williamsport, Pa.
Lincoln Archl. Iron Co., Rockaway, N. J.
Lincoln Auto. Top Co., Lincoln, Neb.
Lincoln Bonding Co., rail bonds, 636 Huron rd, Cleveland, Ohio.
Lincoln & Boss Lumber & Coal Co., masons' & bldrs.' matrls., Willimantic, Conn.
Lincoln Casket Co., Lincoln, Ill.
Lincoln, Chas. H., architect, 6 Park av, Worcester, Mass.
Lincoln Cornice & Metal Wks., Lincoln, Neb.
Lincoln Cotton Mills Co., Evansville, Ind.
Lincoln Creek Lumber Co., Centralia, Wash.
Lincoln Electric Co., electric welding machines, dynamos & motors, 149 B'way, New York, & Cleveland, Ohio.
Lincoln Feed & Fuel Co., paste, Lincoln, Neb.
Lincoln Fixture & Supply Co., metal polish, Lincoln, Neb.
Lincoln Gas & Electric Light Co., Lincoln, Neb.
Lincoln, Geo. H., Co., machsts. & fndrs., 191 Old Colony av, S. B., Boston, Mass.
Lincoln, Ill., Collar Co., Lincoln, Ill.
Lincoln Iron Wks., Rutland, Vt.
Lincoln, J. N., & Son, contrs., Ware, Mass.
Lincoln, L., & Co., paper & pulp mills, North Dighton, Mass.
Lincoln Metal Products Co., elec'l horns, Lincoln, Ill.
Lincoln Milling Co., flour, Lincolntown, N. C.
Lincoln Mills, Inc., flour, Lincoln, Neb.
Lincoln Monument Co., stone producers, Lincoln, Ill.
Lincoln Motor Co., Holden av & Lincoln, Detroit, Mich.
Lincoln Packing Co., meat, Lincoln, Neb.
Lincoln Paint & Color Co., Dallas, Tex.
Lincoln Paint & Color Co., floor polish, Lincoln, Neb.
Lincoln Paper Co., Lincoln, Neb.
Lincoln Paving Block Co., Canton, Ohio.
Lincoln Rubber Co., druggists' sundries, Akron, Ohio.
Lincoln Sash & Door Co., 1916 S. Laramee av, Chicago, Ill.
Lincoln Storage Battery Co., Troy, N. Y.
Lincoln Stove Co., Fremont, Ohio.
Lincoln Tent & Awning Co., Lincoln, Neb.
Lincoln Twist Drill Co., reamers, Taunton, Mass.
Lincoln-Williams Twist Drill Co., cutters, drills, reamers, etc., Taunton, Mass.
Lind, C. E., contractor, Bellingham, Wash.
Lind, J., contractor, Galva, Ill.
Lind, Wm., contractor, Henry Bldg., Portland, Ore.
Lindahl, Hy., Mach. Co., 954 W. Lake, Chicago, Ill.
Lindale Canning Co., Lindale, Tex.
Lindauer-O'Connell Co., wood pulp, Little Rapids, Wis.
Lindauer Pulp Co., Kaukauna, Wis.
Lindbeck, Chas., contractor, Jamestown, N. Y.
Lindblad, K. F. M., elec. fixtures, 65 Sudbury, Boston, Mass.
Linde Air Products Co., oxygen mfrs., 42d St. Bldg., New York.
See adv index at end of book.
Linde & Griffith Co., contractors, ft. 4th av, Newark, N. J.
Lindeberg, Harrie T., architect, 2 W. 47th, New York.
Lindell Die & Tool Co., Lansing, Mich.
Lindeman & Sons Piano Co., 599 11th, New York.
Lindeman Wood Finish Co., Shelbyville, Ind.
Lindemann, A. J., & Hoverson Co., stoves, Milwaukee, Wis.
Lindemann, O., & Co., animal cages, etc., 35 Wooster, New York.
Lindemans, Henry J., architect, McKeesport, Pa.
Lindemuth Engng. Co., heating contrs., York, Pa.
Linden Co., glass stainers, 1216 S. Michigan av, Chicago, Ill.
Linden Construction Co., Duluth, Minn.
Linden Lumber Co., Linden Heights, Ohio.
Lindenhurst Mfg. Co., button mfrs., Lindenhurst, N. Y.
Lindenmeyer, Ludwig, architect, 37 E. 28th, New York.
Lindenschmidt Co., archl. iron, machsts, etc., Evansville, Ind.
Linder Grader Co., road machs., Matthews, Ind.
Linder, H. J., machy., 50 Church, New York.
Linderman Mach. Co., Muskegon, Mich.
Lindermann Box & Veneer Co., Eau Claire, Wis.
Linderoth, S., & Co., architects, 7900 S. Halsted, Chicago, Ill.
Lindgren Co., contractors, Monadnock Bldg., San Francisco, Cal.
Lindholm Metal Stamping Co., lubricators, oil & grease cups, Camden, N. J.
Lindhout, Pierre, architect, Gr. Natl. City Bk. Bldg., Grand Rapids, Mich.
Lindke, John, contr., Medina, N. Y.
Lindl, Joseph, architect, Kenosha, Wis.
Lindley, Arthur G., architect, Hollingworth Bldg., Los Angeles, Cal.
Lindley Box & Paper Co., coin wrappers, Gas City, Ind.
Lindley, Chas. D., machsts. & fndrs., Olympia, Wash.
Lindley, Geo. W., tex. machy. (lace machines), (winders hosiery), 5122 Wakefield, Gtn., Philadelphia, Pa.
Lindley Mfg. Co., mosquito netting, Tusculum & A, Phila., Pa.
Lindley, Thomas F., drain tile, Kempton, Ind.
Lindley, W. H., Co., gasoline strainers, Canastota, N. Y.
Lindloff, H. C., sweaters, cardigans, etc., Bennington, Vt.
Lindner, P. S., & Co., masons' & bldrs.' matls., Sandwich, Ill.
Lindner & Vradenburgh, machsts. & fndrs., textile machy., 239 Centre, New York.
Lindow, W. J., machinist, Napa, Cal.
Linquist, Fred'k F., architect, 179 W. Washington, Chicago, Ill.
Lindsay, Andrew, architect, 37 Liberty, New York.
Lindsay Bros., agricultural implements, 78 Reed, Milwaukee, Wis.
Lindsay, D. M., wagon & carriage spokes, Newport, Tenn.
Lindsay, F. L., architect, Long Beach, Cal.
Lindsay, Hyde & Co., machsts., 2130 E. York, Philadelphia, Pa.
Lindsay, J. C., Hardware Co., 12 8th, Pittsburgh, Pa.
Lindsay, J. L., machinery dealers, Richmond, Va.
Lindsay, J. R., architect, Kennedy Heights, Cincinnati, Ohio.
Lindsay, James, architect, Bridgeport, Ohio.
Lindsay, Jas. G., & Co., steel struct. dlrs., Commercial Trust. Bldg., Philadelphia, Pa.
Lindsay, John C., & Co., fndrs., Burlington, N. J.
Lindsay, Jno. L., mill & facty. supplies, 1321 E. Main, Richmond, Va.
Lindsay Light Co., mantles, 161 E. Grand av, Chicago, Ill.
Lindsay Mfg. Co., handles—wood, Ottumwa, Ia.
Lindsay, W. W., & Co., steel structural, chaplets, foundry, Harrison Bldg., Phila., Pa.
Lindsay Wagon Co., Laurel, Miss.
Lindsay, Wm. A., machsts. & brass fndrs., Phila.. Pa.
Lindsay, Wm. P., lime, Texas, Md.
Lindsay Wire Weaving Co., 14025 Aspinwall, Cleveland, Ohio.
Lindsborg Milling & Elevator Co., Lindsborg, Kans.
Lindsey, Arthur G., architect, Kenilworth, Washington, D. C.
Lindsey, Geo., architect, Greenville, Tex.
Lindsey, Jas. C., Hardware Co., 12 8th, Ptg., Pa.
Lindsey Lumber Co., Laurel, Miss. & Pollard, Ala.
Lindsey, Robinson, & Co., flour mills, Roanoke, Va.
Lindskog Auto Carriage & Wagon Wks., 3522 Vinc av, Chicago, Ill.
Lindsley Bros. Co. (The), ties, poles & posts, cross arms, etc., 72 West Adams, Chicago, Ill., & Spokane, Wash.
Lindsley, John N., steam fitters' supplies, Orange, N. J.
Lindstrom & Almars, architects, Plymouth Bldg., Minneapolis, Minn.
Lindstrom, C., machinist, El Campo, Tex.
Lindstrom Die, Tool & Gauge Works (Inc.), special machinery & tools, Bridgeport, Conn.
Lindstrom-Handforth Lumber Co., Tacoma, Wash.
Lindstrom & Oren, contractors, Billings, Montana.
Lindstrom Ship Building Co., Aberdeen, Wash.
Lindstrom-Smith Co., elec. cooking app., 1104 S. Wabash av, Chicago, Ill.
Line-a-Time Mfg. Co., copy holders, Rochester, N. Y.
Line Material Co., guy anchors & wire connectors, pole line, hdwe., etc., South Milwaukee, Wis.
Linebaugh, W. A., flour mills, Clinton, Tenn.
Linebury Fdry. & Mach. Co., North Wilkesboro, N. C.
Linehan, Chas., contractor, Cambridge, Mass.
Lineham, P., & Sons, stone, Greystone, N. C.
Linemen Protector Co., shields, shoes & cross arm protectors, Detroit, Mich.
Linen Thread Co., twine, etc., 96 Franklin, New York.
Linenfelser Brick & Tile Co., Maybee, Mich.
Lineograph Co., duplicators, 112 Fulton, New York.
Lines, Flynn Co., railway & contrs. equipment, 30 Church, New York.
Lines, H. Wales, Co., masons & bldrs.'—contrs., Meriden, Conn.
Ling Packing Co., canned goods, Newburyport, Mass.
Lingerman Bros., brick, Brownsburg, Ind.
Lingle Mfg. Co., elec. cable hangers, Clinton, Mo.
Lingler, Wm. D., architect, Hamilton, Ohio.
Lingo Co., carbureters, Winthrop Harbor, Ill.
Lingo-Leeper Co., masons & bldrs.' matls., Denison, Tex.
Lingo, R. D., & Co., canned goods, Dagsboro, Del.
Lingsweiler, J. G., Lumber Co., Lebanon, Mo.
Linhart, S. A., sash, door & blind, Bloomdale, Ohio.
Linhoff, Peter J., architect, Ger. Life Bldg., St. Paul, Minn.
Linihan, M. E., machinist, Kalamazoo, Mich.
Link, A. F., architect, 407 N. Craig, Ptg., Pa.
Link, Anthony, Sons, contractors, 654 South av, Rochester, N. Y.
Link Belt Co., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry., Philadelphia, Pa.
See adv index at end of book.
Link Belt Supply Co., 410 S. 3d, Minneapolis, Minn.
Link Chain Co., Williamsport, Pa.
Link, David C., & Co., oils & tallow, Produce Exch., New York.
Link, H. W., contractor, Dallas, Tex.
Link, J., & Son, cornices & skylights, 1918 East, Pittsburgh, Pa.
Link, John C., architect, State Savings Bank Bldg., Butte, Mont.
Link Milling Co., flour, Springfield, Mo.
Link, Newcomb Mill & Lumber Co., Bentonia, Miss.
Link, Theodore C., & Son, archts., Carlton Bldg., St. Louis, Mo.
Linke, T., water portable filters, 235 W. 46th, New York.
Linkenheil Planing Mill Co., 182 E. Columbus, Columbus, Ohio.
Linker, Wm., Co., contractors, 831 Cherry, Philadelphia, Pa.
Linkman, M., & Co., pipes, 323 Wells, Chicago, Ill.
Linn-Benton Fruit Growers' Assn., canned goods, Albany, Ore.
Linn County Lumber & Coal Co., masons' & bldrs.' matls., Cedar Rapids, Ia.
Linn Mills Co., twine, Landis, N. C.
Linn, V., & Son, carriages, 49 Bergen, Brooklyn, N. Y.
Linn Woolen Co., steamer rugs, Hartland, Me.
Linney, W. T., cornices, Fort Plain, N. Y.

Lino Paint Co., 16908 Waterloo rd, Cleveland, Ohio.
Linograph Co., machy., Davenport, Ia.
Linsell Co., contractors, 370 Fort W., Detroit, Mich.
Linstrom, R. S., architect, 171 W. Washington, Chicago, Ill.
Linstroth Wagon Co., 2616 Chouteau av, St. Louis, Mo.
Lin-Stun Co., switch bases, 5010 Gloster, Pittsburgh, Pa.
Linthicum, Hill C., & H. Colvin, architects, Durham, N. C.
Linton & Co., gold & plumbers' solder, etc., 95 Pine, Providence, R. I.
Linton Mach. Co., 26 Cortlandt, New York.
Linton Mill Co., rivet, Linton, Ind.
Lintz Bros. Mach. Wks., Fort Branch, Ind.
Lineville Graphite Co., Lineville, Ala.
Linville Lime Co., Linville, Va.
Linwood Construction Co., Marine Nat. Bk. Bldg., Buffalo, N. Y.
Linwood Quarries Co., Davenport, Ia.
Lion Buggy Co., auto. truck trailers, etc., C. H. & D. R. R., nr. Gest, Cincinnati, Ohio.
Lion Hardware Co., Springfield, Ohio.
Lion Match Co., Inc., safety matches, 91 Grand, New York.
Lion Tractor Co., engines, 638 Sec Bk. Bldg., Minneapolis, Minn.
Lion Varnish Wks., Glendale Station, N. Y.
Lionel Mfg. Co., elec. toys, games & nov., 48 E. 21st, New York.
Lipe, W. C., machsts., Syracuse, N. Y.
Lipes, S. H., canned goods, Springwood, Va.
Lipman Air Appliance Co., Beloit, Wis.
Lipman Mfg. Co., pumps, Beloit, Wis.
Lippard-Stewart Motor Car Co., Buffalo, N. Y.
Lippe & Co., picture frame moulding, 329 E. 29th, New York.
Lippe Contrg. Co., 52 Vanderbilt av, New York.
Lipper & Laisy, contractors, 3704 W. Wash., Los Angeles, Cal.
Lippert, E. T., Saw Co., Millvale, Pa.
Lippert, F. G., architect, 132 Nassau, New York.
Lippert & Rhenstrom, machsts., Kenosha, Wis.
Lippincott, A. H., & F. H., soda water fountains, 24th & Locust, Philadelphia, Pa.
Lippincott, Clement G., masons' & bldrs.' matls., Salem, N. J.
Lippincott Co., canned goods, 42 Main, Cincinnati, Ohio.
Lippincott, Edwin, brick, Farmindale, N. J.
Lippincott Glass Co., arc lamp globes, etc., Greenwood Bldg., Cincinnati, Ohio.
Lippincott, Mrs. J. W., canned goods, Salem, N. J.
Lippincott, Thos. B., architect, St. Girard Bldg., Phila., Pa.
Lippman & Sugarman, chemists, 135 Stockton, San Fran., Cal.
Lippold Valve Co., Erie, Pa.
Lipscomb, H. G., & Co., wholesale hdwe., Nashville, Tenn.
Lipscomb, Wm. P., & Co., contractors, 1405 F, N. W., Washington, D. C.
Liquid Carbonic Co., pneu. spray brushes, 3100 S. Kedzie av, Chicago, Ill.
Lisbon Cement Co., Lisbon, Ohio.
Lisbon Lime Co., Lisbon, Ohio.
Lisby & Masten, contractors, Coatesville, Ind.
Lisenby Mfg. Co., machinery, Fresno, Cal.
Lisk Mfg. Co. (Ltd.), baskets, cans, lanterns, etc., Canandaigua, N. Y.
Lisle-Dunning Constr. Co., Oklahoma, Okla.
Lisle Mfg. Co., machsts. & fndrs., Clarinda, Ia.
Lisotto, E., architect, 6413 Deary, Pittsburgh, Pa.
Lissa, Hy., & Co., trunk mfrs., 595 B'way, New York.
Lissberger, Marks, & Son, smelters & refiners, 281 Borden av, Long Island City, New York.
List, Alex., & Sons, contractors, Grand Cent. Term., New York.
List, E. J., Mfg. Co., clutch couplings, Havana, Ill.
List & Gifford Construction Co., Ry. Exch. Bldg., Kansas City, Mo.
List, J., & Son, soap, 1776 N. Hancock, Philadelphia, Pa.
List & Weatherby Contr. Co., Ry. Exch. Bldg., Kansas City, Mo.
Lister & Fee, archtl. & ornamental iron, 42 S. 8th, B'klyn, N. Y.
Lister, Jos., glue mfrs., 2429 Elston av, Chicago, Ill.
Lister's Agricultural Chem. Wks., glue, fertilizer mfrs., Lister av, Newark, N. J.
Listman Mill Co., wheat flour, La Crosse, Wis.
Litch, L. D., Building Co., 7 Berkeley, Lynn, Mass.
Litchfield Bros., lumber, North Vernon, Ind.
Litchfield Bros., masons' & bldrs.' matls., Flanagan, Ill.
Litchfield, Electus D., architect, 477 5th av, New York.
Litchfield Foundry & Machine Co., Litchfield, Ill.
Litchfield Mfg. Co., agricultural implements, Waterloo, Ia.
Litchfield, Metzner & Co., contractors, Louisville, Ky.
Litchfield, Orin E., granite, Fitchburg, Mass.
Litchfield Shuttle Co., tex. machy., supplies, etc., Southbridge, Mass.
Litchfield, Wm. E., lumber, 70 Kilby, Boston, Mass.
Litchfield Woolen Mills Co., Litchfield, Minn.
Litherland & Abrey Co., contractors, Beck Bldg., Portland, Ore.
Lithograph & Mfg. Co. of U. S., maps, 82 Duane, New York.
Litquick Gas Lamp Co., screw machine prod., 310 Conalle, Defiance, Ohio.
Littejohn, L., & Co., crude rubber, 138 Front, New York.
Littell, Geo. S., brick, Greensburg, Ind.
Litterer Bros. Mfg. Co., sinks & sheet metal goods, 154 Whiting, Chicago, Ill.
Littig Construction Co., Davenport, Ia.
Little, A. P., carbon paper, etc., Rochester, N. Y.
Little Androscoggin Water Power Co., cotton sheetings, Auburn, Me.
Little, Arthur D., Inc., chemists, 93 Broad, Boston, Mass.
Little & Browne, architects, 70 Kilby, Boston, Mass.
Little Bros. Fdy. Co., Port Huron, Mich.
Little, Chas. H., Co., masons' & bldrs.' matls., Dock River Rouge, Detroit, Mich.
Little Chute Paper & Fibre Co., Little Chute, Wis.
Little & Coffin Oil Co., Portland, Me.
Little & Craig, contrs., Gloversville, N. Y.
Little, Edmund C., architect, Cen. Nat. Bk. Bldg., St. Louis, Mo.
Little Falls Felt Shoe Co., Little Falls, N. Y.
Little Falls Fibre Co., wood felts, Little Falls, N. Y.
Little Falls Paper Co., Newburgh, N. Y.
Little, G. H., machsts., Peabody, Mass.
Little Giant Mfg. Co., pruning shears, Saugatuck, Mich.
Little Giant Punch & Shear Co., Sparta, Ill.
Little Giant Starter Co., auto self-starters, Canton, Ohio.
Little, Hy. H., architect, 56 Norwood av, Buffalo, N. Y.
Little, J. H., tubs—butter, Arlington, Ia.
Little, J. R., Metal Wheel Co., Quincy, Ill.
Little, J. W., spokes, Paducah, Ky.
Little, Jno. J., lumber, Land Title Bldg., Philadelphia, Pa.
Little, Jos., spokes (wagon), Kennett, Mo.
Little, M. S., Manufacturing Co., plumbers' supplies, Allyn & High, Hartford, Conn.
Little, Mathew A., contractor, 2640 Jackson, San Fran., Cal.
Little Mountain Oil Mill & Fertilizer Co., Little Mountain, S. C.
Little & O'Connor, architects, 103 Park av, New York.
Little & Phillips, contractors, Cordele, Ga.
Little & Preuss, advtg. signs, 309 E. 22nd, New York.
Little River Lumber Co., Franklin Bank Bldg., Philadelphia, Pa.
Little River Mfg. Co., cordage & twine, Willardville, N. C.
Little River Redwood Co., Bulwinkle, Cal.
Little River Redwood Co., 112 Market, San Francisco, Cal.
Little Rock Furniture Mfg. Co., Little Rock, Ark.
Little Rock Mattress Co., Little Rock, Ark.
Little Rock Tent & Awning Co., Little Rock, Ark.
Little Rock Trunk & Bag Co., Little Rock, Ark.
Little & Russell, architects, 45 Bromfield, Boston, Mass.
Little, Thos. A., water motors, Wheeling, W. Va.
Little, Thos., & Son, contractors, 1713 Moravian, Phila., Pa.
Little, Wm., concrete slag, Conshohocken, Pa.
Little Wolf River Lumber Co., Manawa, Wis.
Little & Zenzen, contractors, 284a Quail, Albany, N. Y.
Littlefield, Alvord, & Co., machy., 26 & D, N. W., Wash., D. C.
Littlefield, H. A., & Co., armatures West Lynn, Mass.
Littlefield, Sidney, lumber mfr., Centralia, N. Y.
Littlefield, Walter T., architect, 9 Hamilton pl, Boston, Mass.
Littleford Bros., steel tanks, etc., 444 E. Pearl, Cincinnati, O.
Littleford, Geo., lbr., 1768 Central av, Cincinnati, Ohio.
Littlejohn, Odgers & Milne, granite, Barre, Vt.
Littleton Lbr. Co., sashes, doors & blinds, Littleton, N. H.
Littleton, T. R., & Son, machsts. & fndrs., Fredericktown, Mo.
Littlestown Hdwe. & Fdry., Littlestown, Pa.
Litzelman, T. J., architect, Williamsport, Pa.
Litzmann, Paul, architect, 1119½ Congress av, Houston, Tex.
Livandois, L. A., archit., Title Guarantee Bldg., New Orleans, La.
Liver, C. B., & Co., refrigerators, Omaha, Neb.
Liveright Bros., file & rasp mfrs., 20th & Allegheny av, Phila., Pa.
Livermore Falls Pulp Co., Plymouth, N. H.
Livermore Fire Brick Co., Livermore, Cal.
Livermore, Hy. H., lbr., Wilton, N. H.
Livermore, Homer F., Inc., mill & facty. supplies, 85 Pearl, Boston, Mass.
Livermore & Knight Co., advtg. spec., Providence, R. I.
Livermore & McWayne, architects, Sioux Falls, S. D.
Livermore, Norman B., & Co., contractors' tools & supplies & machy. dlrs., National Bank Bldg., San Francisco, Cal.
Livick, A. J., contractor, Staunton, Va.
Living-Stone Co., bond concrete, Law Bldg., Baltimore, Md.
Livingston, Jas., machsts. & fndrs., Marathon, N. Y.
Livingston, Jas., plumbers' marble wks., 163 E. 88, New York.
Livingston, Jas., Flax Co., Ltd., Yale, Mich.
Livingston Mfg. Co., machsts. & fndrs., Rockland, Me.
Livingston Roller Mill Co., flour, Livingston, Tenn.
Livingstone Grain Co., Lowell, Mass.
Livingstone Radiator Mfg. Co., airplane radiator, 75th & Amsterdam av, New York.
Llewellyn & Doyle, machsts., Pearl & Hickory, Syracuse, N. Y.
Llewellyn Iron Wks., mill & facty. supplies, Los Angeles, Cal.
Llewellyn, Jos. C., architect, 1st Nat. Bk. Bldg., Chicago, Ill.
Llewellyn, Ralph C., architect, 1st Nat. Bk. Bldg., Chicago, Ill.
Lloyd, A., centrifugal pumps & steam engines, Erie, Pa.
Lloyd Bros. Co., stone producers, W. Central & Auburs avs, Toledo, Ohio.
Lloyd, C. Howard, architect, Telegraph Bldg., Harrisburg, Pa.
Lloyd Co., mill & facty. supplies, Everett, Wash.
Lloyd Construction Co., 860 Greenwood av, Detroit, Mich.
Lloyd-Garrett Co., elec. light fix mfrs., 15th & Locust, Phila., Pa.
Lloyd, Geo. H., tin plate, metals, etc., 131 State, Boston, Mass.
Lloyd, H., Bldg. & Constr. Co., Odd Fellows Bldg., St. Louis, Mo.
Lloyd, J. E., & Sons, carriages, Rockford, Ohio.
Lloyd Mfg. Co., fireworks, 22 Park pl, New York.
Lloyd Mfg. Co., machsts. & fndrs., Menominee, Mich.
Lloyd Metal Co., Houston, Tex.
Lloyd & Moore Canning Co., Blades, Del.

Lloyd, Percival N., landscape archt., Poughkeepsie, N. Y.
Lloyd, Richard G., & Co., contractors, Utica, N. Y.
Lloyd, Sam'l, & Co., lbr., Girard Bldg., Philadelphia, Pa.
Lloyd, T. C., contractor, Oxford, Ohio.
Lloyd, W. H. S., Co., wall paper mfrs., enamel, etc., 105 W. 40th, New York.
Lloyd, W. H., & Co., wall paper importers, 125 N. Wabash av, Chicago, Ill.
Lloyd, Wm. G. & Co., loose leaf devices, 626 S. Clark, Chicago, Ill.
Lloyd, Wm. M., Co., lumber, Ridge av, c. N. 29th, Phila., Pa.
Lloyds Packing Co., canned goods, Lloyds, Md.
L. & M. Rubber Co., gloves, Corrollton, Ohio.
Lobb, C. A., & Sons, masons' & bldrs.' matls., Devon, Pa.
Lobb, Perry & Co., roofing slate mfrs., Danielsville, Pa.
Lobdell Car Wheel Co., chilled rolls, etc., Wilmington, Del.
Lobdell, Emery, Mfg. Co., lumber, Onaway, Mich.
Lobee Pump & Machy. Co., East Buffalo, N. Y.
Lobenstein, Geo. J., architect, 230 Martense, Brooklyn, N. Y.
Lober Art Brass & Spec. Co., 124-30 11th, Toledo, Ohio.
Loberg Milling Co., flour, Nelsonville, Wis.
Lobinger, Martin, contractor, Youngstown, O.
Lobnitz Co., sash, door & blind, 1714-22 Cleneay av., Norwood, O.
Lobo, Arthur, architect, 105 W. 40th, New York.
Locatelli, J. E., Co., contractors, 46 Cornhill, Boston, Mass.
Lochridge, H. H., architect, Long Beach, Cal.
Lock City Mfg. Co., sash, door & blind mfrs., Sault Sainte Marie, Mich.
Lock, H. & A. Co., mach'y guards, 243 44th, Brooklyn, N. Y.
Lock Haven Fire Brick Co., Lock Haven, Pa.
Lock Haven Silk Co., umbrella cloth, Lock Haven, Pa.
Lock Joint Pipe Co., Box 21, Ampere, N. J.
Lock-Lite Mfg. Co., waste & garbage cans, Battle Creek, Mich.
Lock Rail Iron Bedstead Co., mchsts. & fndrs., Tacoma, Wash.
Lock-Stub Check Co., 253 36th, Brooklyn, N. Y.
Lockard, E. M., contractor, Indiana, Pa.
Locke, A. W. S., masons' & bldrs.' matls., Eldorado, O.
Locke Coal Co., masons' & bldrs.' matls., Malden, Mass.
Locke Cotton Mills Co., Concord, N. C.
Locke, Miss Harriet F., architect, Nashua, N. H.
Locke Insulator Mfg. Co., clamps, Victor, N. Y.
Locke, L. E., & Son, contractors, Lawrence, Mass.
Locke Mach. Works, Bradford, Pa.
Lock, Moore & Co., Ltd., lumber, Westlake, La.
Locke, R. A., flour mills, Lynchburg, Tenn.
Locke Regulator Co., Salem, Mass.
Locke Steel Belt Co., Bridgeport, Conn.
Locke, Stevens & Co., plumbers' supplies, jobbers, 94 Warrenton, Boston, Mass.
Lockett, A. M., & Co., Ltd., contractors, Houston, Tex.
Lockett Crimping Mach. Co., 77 Summer, Boston, Mass.
Lockey & Todd, contractors, Munsey Bldg., Baltimore, Md.
Lockhart, Geo. L., archit., 417 S. Dearborn, Chicago, Ill.
Lockhart, Geo. L., architect, Endicott Bldg., St. Paul, Minn.
Lockhart, H. A., contractor, Chamber of Commerce Bldg., Birmingham, Ala.
Lockhart-Hodge Co., guards & safety devices, 12 Waverly, Buffalo, N. Y.
Lockhart Iron & Steel Co., McKees Rocks, Pa.
Lockhart Mills, sheetings, cotton, Lockhart, S. C.
Lockhart Oil & Gin Co., meal, Lockhart, Tex.
Lockhart, R. James, pipe grips, 201 Millvale, Pittsburgh, Pa.
Lockland Lumber Co., Benson & Mill, Lockland, O.
Lockport Canning Co., Lockport, N. Y.
Lockport Central Sugar Refining Co., Lockport, La.
Lockport Chemical Works, Lockport, Ill.
Lockport Cotton Batting Co., Lockport, N. Y.
Lockport Glass Co., milk jars & bottles, Lockport, N. Y.
Lockport Machine Co., paper bag machinery, Lockport, N. Y.
Lockport Paper Co., Lockport, N. Y.
Lockport Textile Co., towels, Lockport, N. Y.
Lockward, Lynn G., architect, Caldwell, N. J.
Lockwood & Almquist, self winding clocks, 112 E. 19th, New York.
Lockwood, Arth. J., steel struct'l dlrs., 304 Hudson, New York.
Lockwood Ash Motor Co., marine engines, Jackson, Mich.
Lockwood, B. F., masons' & bldrs.' matls., Lyons, N. Y.
Lockwood, Brackett & Co., soap, 222 State, Boston, Mass.
Lockwood, Chas. H., architect, 171 Westminster, Providence, R. I.
Lockwood Co., cotton sheetings, Waterville, Me.
Lockwood Co., wholesale hardware, 16 Reade, New York.
Lockwood, David T., stone producers, workers & dealers, 280 Broadway, New York.
Lockwood, Frank, architect, 121 Adams, Montgomery, Ala.
Lockwood, Greene & Co., architects, 101 Park av, New York; 60 Federal, Boston, Mass., & Healey Bldg., Atlanta, Ga.
Lockwood, Gus, contractor, Paducah, Ky.
Lockwood, Jesse H., architect, 117 Gates av, Montclair, N. J.
Lockwood, John B., cornices & skylights, North Manchester, Ind.
Lockwood Mfg. Co., mchsts. & fdrs., 65 Sumner, E. Boston, Mass., & South Norwalk, Conn.
Lockwood & Strickland Co., sash, door & blind mfrs., 49th & Halsted, Chicago, Ill.
Lockwood, T. F., architect, Columbus, Ga.
Locomobile Co. of America, automobile bldrs., Bridgeport, Conn.

LOCOMOTIVE CRANE CO., Bucyrus, Ohio.
See adv index at end of book.
Locomotive Finished Material Co., Atchison, Kans.
Locomotive Stoker Co., Schenectady, N. Y.
Locomotive Super Heater Co., mchsts., East Chicago, Ind.
Locomotive Superheater Co., 30 Church, New York.
Locust Pin Co., insulator & brackets, Front Royal, Va.
Lodge Mfg. Co., mchsts. & fdrs., So. Pittsburg, Tenn.
Lodge, Martin P., stone producers, wkrs. & dlrs., 532 W. 44th, New York.
Lodge & Shipley Machine Tool Co., Cincinnati, Ohio.
Lodge Supply Co., badges & buttons, Omaha, Nebr.
Lodge, W. F., masons' & bldrs.' matls., Monticello, Ill.
Lodge, Wm. J., architect, 749 Broadway, Bayonne, N. J.
Loeb Bros., contractors, Dubois, Pa.
Loeb Hardware Co., Montgomery, Ala.
Loeb, Laurence M., architect, 37 E. 28th, New York.
Loeb, Leopold, & Sons, masons' & bldrs.' matls., Morgan City, La.
Loebecke, Robt., architect, Columbia Bldg., Duluth, Minn.
Loeber, H. G., Co., soda water fountains, 151 E. 126th, New York.
Loeble, Herman G., cornices, Troy, N. Y.
Loeffelholz Co., brass foundry, 170-182 Clinton, Milwaukee, Wis.
Loeffler, A., Provision Co., Bennings, D. C.
Loeffler, Louis J., telephone switchboards, 20 Fulton, New York.
Loeffler, Otto, architect, 14 Jackson, Stapleton, N. Y.
Loeffler, Theo. J. M., cornices & skylights, Toledo, O.
Loehler, G. G., Co., contractors, Franklin Natl. Bank Bldg., Washington, D. C.
Loening Aeronautical Engng. Corp., 45—11th, Long Island City, N. Y.
Loeper, Anton, & Sons, store fixtures, Ashland, Pa.
Loesch, H. C., carriages, Colo. Springs, Colo.
Loescher, J., Tannery Co., harness lthr., Muskegon, Mich.
Loeser, John, & Co., mattresses, 1625 Wabash av, Chicago, Ill.
Loesser, E., & Son, screw mach. prod., 48 Spring, Newark, N. J.
Loetscher & Burch Mfg. Co., sash, door & blind mfrs., Des Moines, Ia.
Loetscher-Ryan Mfg. Co., h'dwe specialties, Jones, Dubuque, Ia.
Loetzer Valve & Mfg. Co., Monroeton, Pa.
Loew Mfg. Co., bottle cleaning & brewers' machy., 9100 Madison av, N. W., Cleveland, O.
Loewenbach, B., & Sons Co., loose leaf devices, 314 E. Water, Milwaukee, Wis.
Loewenstein & Sons, wholesale hardware, Charleston, W. Va.
Loewenthal Co., scrap iron, steel & rubber, 23 Heyward, Brooklyn, N. Y.
Loewenthal,Gustav, Co., sash, door & blind, Middletown, Conn.
Loewer, John E., Wire & Iron Works Co., 914 Campbell, Kansas City, Mo.
Loew's, John A., Sons, cornices, Braddock, Pa.
Loffland Bros., machinists, Woodsfield, O.
Lofgren, Wm. R., architect, Quincy, Mass.
Lofquist, Jno., architect, 742 Market, San Francisco, Cal.
Loftus, John, contractor, 283 May, Worcester, Mass.
Loftus, Martin, brick, Jefferson, O.
Logan, A. F., & Co., contractors, Youngstown, O.
Logan, A. J., Co., mattresses, 29th & Liberty, Pittsburgh, Pa.
Logan Brick & Lime Co., Logan, Utah.
Logan Bros., contractors, Tampa, Fla.
Logan, C. A., architect, Beaumont, Tex.
Logan Carriage & Auto Co., Parkersburg, W. Va.
Logan Clay Product Co., Logan, O.
Logan Coal & Supply Co., masons' & bldrs.' matls., Jacksonville, Fla.
Logan Constr. Co., 1428 Rockland, Phila., Pa.
Logan County Cotton Oil Co., Paris, Ark.
Logan, Edw., Mach. Co., machsts., Trenton, N. J.
Logan Fdry. & Machine Co., Logan, O.
Logan & Giertz Construction Co., Elgin, Ill.
Logan-Gregg Hardware Co., 121 9th, Ptg., Pa.
Logan Iron & Steel Co., rolling mills, Morris Bldg., Phila., Pa.
Logan Iron Wks., steel wk. & boilers, 54 Commercial, Brooklyn, N. Y.
Logan Bros., contractors, Clinton, Ia.
Logan, J. M., Lumber Co., Knoxville, Tenn.
Logan, J. W., & Sons Co., lumber, Parnassus, Pa.
Logan, John A. & W. B., masons' & bldrs.' matls., Paris, Ill.
Logan-Moore Lumber Co., R. A. Long Bldg., Kansas City, Mo.
Logan Pottery Co., Logan, O.
Logan & Rankin, architects, Rockefeller Bldg., Cleveland, O.
Logan, Swift & Brigham Envelope Co. Division, Worcester, Mass.
Logan & Whaley, cornices & skylights, Marshall, Tex.
Logan, Wm. S., masons' & bldrs.' matls., Paris, Ill.
Logansport Boiler & Mach. Wks., Logansport, Ind.
Logansport Carriage Works, Logansport, Ind.
Logansport Castings Co., Logansport, Ind.
Logansport Furniture Co., piano benches, Logansport, Ind.
Logansport Oxygen Co., Logansport, Ind.
Logansport Radiator & Equipment Co., Logansport, Ind.
Logansport Stone & Const. Co., Huntington, Ind.
Logeman, F. H., Chair Mfg. Co., 2000 N. Main, St. Louis, Mo.
Logeman Bros. Co., baling presses, 3130 Burleigh, Milwaukee, Wis.
Loggie, A. & R., canned goods, Columbia Falls, Me., & Island Pond, Vt.

Loggers Oil Equipment Co., fuel oil burners, 230 Ash, Portland, Ore.
Logie, Jas., & Co., bags & bagging, 42 B'way, New York.
Logue, Chas., Building Co., 18 Tremont, Boston, Mass.
Lohman, H. J., architect, McKeesport, Pa.
Lohman, J. A., architect, Monessen, Pa.
Lohrey, Henry, meat packers, 2234 E. N. Side, Pittsburgh, Pa.
Lohrey & Moellering, meat pkrs., 2151 Kendel av, Cincinnati, O.
Lohrey Packing Co., meat, 2827 Mass., C. W., Cincinnati, O.
Lohse Brick Co., Common, Seattle, Wash.
Lohse, H., Co., cornices, Evansville, Ind.
Lohse, John, contractor, Winona, Minn.
Lohse, M., & Son, masons' & bldrs.' matls., Boonville, Mo.
Lohse Patent Door Co., St. Louis, Mo.
Loisel, Jos., sash, door & blind mfrs., Cloquet, Minn.
Loiseaux, Joshua D., Lumber Co., Plainfield, N. J.
Loma Prieta Lumber Co., New Bank Bldg., San Francisco, Cal.
Loma Ranch Co., canned goods, Fall Brook, Cal.
Lombard Brick & Tile Co., Lombard, Ill.
Lombard & Co., grindstones & pulp stones, 236 A, Boston, Mass.
Lombard Governor Co., Ashland, Mass.
Lombard Iron Works & Supply Co., Augusta, Ga.
Lombard, John T., lumber, Hastings, Mich.
Lombard & Ludwig, decorators, 309 14th, N. W., Washington, D. C.
Lombard Mach. Co., Worcester, Mass.
Lombard Traction Engine Co., mchsts., Waterville, Me.
Lombardi Constr. Co., Lincoln Bldg., Philadelphia, Pa.
Lombardi Motor Car Co., battery connectors, Derby, Conn.
Lonaka, V. A., Co., piston rings, Indianapolis, Ind.
Londeluis, C. A., & Sons Co., water heaters, wall ties, joist hangers, etc., 847 W. 63d, Chicago, Ill.
London Auto Supply Co., windshields, 2540 S. Wabash av, Chicago, Ill.
London, Geo. G., Mfg. Co., shoe counters, Lynn, Mass.
London Guarantee & Accident Co., employers' liability ins., 55 John, New York.
London Guarantee & Accident Co., insurance, 134 La Salle, Chicago, Ill.
London Knitting Mills, sweaters, cardigans, etc., 371 Quincy, Brooklyn, N. Y.
London Mfg. Co., masons' & bldrs.' mtls., London, Ky.
London, N., brass, copper, iron & steel scrap, 263 Front, New York.
London & Sack, electrotype metals, etc., 259 Front, New York.
London-Savannah Naval Stores Co., Savannah, Ga.
Lone Mountain Milling Co., flour, Lone Mountain, Tenn.
Lone Oak Cotton Oil & Gin Co., meal, Lone Oak, Tex.
Lone Star Culv. Co., Houston, Tex.
Lone Star Oil Co., Houston, Tex.
Lone Star Pottery Co., Winnsboro, Tex.
Lone Star Pressed Brick Co., Ferris, Tex.
Lone Star Shipbldg. Co., Beaumont, Texas.
Lonek, Adolph, architect, 118 N. La Salle, Chicago, Ill.
Lonergan, J. E., Co., mchsts & fndrs., 211 Race, Phila., Pa.
Loney, Samuel, & Co., masons' & bldrs.' matls., Walla Walla. Wash.
Long, A. E., contractor, Monadnock Bldg., San Francisco, Cal.
Long, Adam A., special machinery, tools & dies, Rochester, N. Y.
Long, Albert, architect, 7 W. Madison, Chicago, Ill.
Long & Allstatter Co., agricultural implements, Hamilton, O.
Long-Arm System Co., mchsts., Lakeside & E. 38th, Cleveland, O.
Long Beach Brick Co., Long Beach, Cal.
Long Beach Tuna Packing Co., canners, Long Beach, Cal.
Long-Bell Lumber Co., Kansas City, Mo.
Long Bell Naval Stores Co., De Ridder, La.
Long Bros., canned goods, Westover, Md.
Long Bros., mchsts. & fndrs., Kokomo, Ind.
Long, C. Frederick, architect, 1 Montgomery, Jersey City, N. J.
Long, C. R., Jr., Co., paint mfrs., Louisville, Ky.
Long, C. W., brick, Washington, Ia.
Long, Clifford, brick, Columbus Junction, Ia.
Long Const. Co., contrs., Rialto Bldg., Kansas City, Mo.
Long Distance Spark Plug Co., Indianapolis, Ind.
Long Distance Telephone Mfg. Co., So. Bend, Ind.
Long, E. B. & H. J., architects, 804 Penn av, Pittsburgh, Pa.
Long, E. C., Mfg. Co., machsts. & fdrs., Hannibal, Mo.
Long, E. G., Co., mchsts & fndrs., railway supplies mfrs., 50 Church, New York.
Long, E. H., brick, Sturgis, Ky.
Long, E. M., & Sons, masons' & bldrs.' matls., sashes, doors & blinds, Cadiz, O.
Long, E. T., & Co., contractors, Wilkes-Barre, Pa.
Long, Edwin, & Co., paint mfrs., 845 Clinton, Cincinnati, O.
Long, F. R., W. G. Broadhurst Co., contractors, dock bldrs., Hackensack, N. J.
Long, Fred H., engineers, 29 S. La Salle, Chicago, Ill.
Long, Fred W., & Co., contractors, Jacksonville, Fla.
Long Fruit Products Co., canned goods, Portland, Ore.
Long, Geo. A., Cabinet Co., Hanover, Pa.
Long, Geo., Contracting Co., 1st & 1st av, Baltimore, Md.
Long Grate Bar Co., Buffalo, N. Y.
Long, Harry W., contractor, Franklin, Pa.
L. I. Charcoal Co., 212 24th, Brooklyn, N. Y.
L. I. Knitting Mills Co., bathing suit mfrs., 335 Throop av, Brooklyn, N. Y.
L. I. Mach. & Marine Const. Co., ft. E. av, Long Island City, N. Y.
L. I. Soap Co., Bridgewater & Meeker av, Brooklyn, N. Y.
Long, J. B., brick, common, Jackson, Tenn.
Long, J. H., Machine Co., 184 High, Boston, Mass.
Long, J. K., & Son, contractors, Punxsutawney, Pa.
Long, Jas. D., architect, 307 Main, Springfield, Mass.
Long, Jas. Lee, architect, Hopkinsville, Ky.
Long, John A., architect, 223 4th av, Pittsburgh, Pa.
Long-Knight Lumber Co., 1025 Lewis, Indianapolis, Ind.
Long, L. Long, Esq., architects, 830 Hennepin av, Minneapolis, Minn.
Long, Landreth, Schneider Co., gas water heaters, New Brunswick, N. J.
Long, Lewis, Hardware Co., Bessemer, Ala.
Long & Long, architects, Marshall Bldg., Cleveland, Ohio.
Long & McAuliffe, contractors, Brockton, Mass.
Long, M. A., archit., B. & O. R. R. Bldg., Baltimore, Md.
Long, M. D., stone producers, Brockton, Mass.
Long Mfg. Co., water cooling radiators, Cameron av & E. Gd. blvd, Detroit, Mich.
Long. P. Beauregard, flour mills, Alaska, W. Va.
Long, S. M., & Son, flour mills, Shelbyville, Ky.
Long & Saunders Co., granite, S. Quincy, Mass.
Long Syrup Refining Co., 16th & Division, San Francisco, Cal.
Long, T. C., stone producers, Allentown, Ohio.
Long-Thompson Co., masons' & bldrs.' matls., Knox, Ind.
Long, W. H., flour mills, Howard, Pa.
Long, W. Z., Co., confectioners' machy., Springfield, Ohio.
Long, Walter Mfg. Co., tubular boilers, 1312 Muriel, Pittsburgh, Pa.
Longacre Constr. Co., Widener Bldg., Philadelphia, Pa.
Longaker, H. G., & Co., canned goods, Federalsburg, Md.
Longbridge Cotton Oil Co., cottonseed meal, Longbridge, La.
Longcor, W. J., contractor, 709 5th, Minneapolis, Minn.
Longdale Iron Co., blast furnaces, Longdale, Va.
Longdin Brugger Co., solid tires, Fond du Lac, Wis.
Longest Bros. Co., automobile bldrs., Louisville, Ky.
Longfellow, A. W., architect, Tremont Bldg., Boston, Mass.
Longford Co. of America, Truck Units, Cambridge, Mass.
Longien Airplane Co., Topeka, Kans.
Longman & Martinez, paints, varnish mfrs., etc., 54 Maiden la., New York.
Longmont Flour Mills Co., Longmont, Colo.
Longshore James, trunk mfr., Sacramento, Cal.
Longstreet Lumber Co., Longstreet, La.
Longview Cotton Oil Co., meal, fertz. mfrs., Longview, Tex.
Longview Lime Wks., Longview, Ala.
Longview Mattress Co., Longview, Tex.
Longville Lumber Co. Longville, La.
Longwell-Cummings Co., tablets & pads, Logansport, Ind.
Longwell Teaming & Storage Co., masons' & bldrs.' matls., 2245 Lumber, Chicago, Ill.
Longworth, I. R., Co., spokes, Somerset, Ky.
Longworth, W. P., & Co., htg. contrs., 1 N. 7th, Richmond, Va.
Longyear, E. J., Co., drills, 710 Sec. Bk. Bldg., Minneapolis, Minn.
Lonoke Rice Mill Co., Lonoke, Ark.
Lonsdale Brick & Pottery Co., Knoxville, Tenn.
Lonsdale Bros., contrs., Bryant Bldg., Kansas City, Mo.
Lonsdale Co., shade cloth mfrs., 50 S. Main, Providence, R. I.
Lonsdale Foundry Co., Knoxville, Tenn.
Lonsdale's, J., Sons, blankets—woolen, Dale, Ia.
Lontz, S. C., & Sons, masons' & bldrs.' matls., South Bend, Ind.
Lonyo-Harsha Brick Co., Larkin rd, nr. Mich., Detroit, Mich.
Lonyo & M. C. R. R., brick, Detroit, Mich.
Looby, Wm. H., paint brushes, Centerbrook, Conn.
Loogootee Fire Clay Products, Loogootee, Ind.
Look & Lincoln, machsts. & fndrs., Marion, Va.
Lookout Boiler Mfg. Co., Chattanooga, Tenn.
Lookout Paint Mfg. Co., Chattanooga, Tenn.
Lookout Planing Mills, cedar chests, Chattanooga, Tenn.
Loom Reed & Harness Co., tex. machy. combs (slasher), Charlotte, N. C.
Looman, W. J., cornices, 856 E. Gd. blvd, Detroit, Mich.
Loomer & Allen, contractors, Belmont, Mass.
Loomis, A. C., contr., Mattoon, Ill.
Loomis Bros., contractors, Cedar Rapids, Ia.
Loomis & Hart Mfg. Co., lumber, Chattanooga, Tenn.
Loomis & Hartman, architect, Todd Bldg., Louisville, Ky.
Loomis, J. H., & Sons, silos, Phoenix, N. Y.
Loomis, John S., Lumber Co., sash, door & blind mfrs., Baltic & Nevins, Brooklyn, N. Y.
Loomis Machine Co., well drilling & prospecting machinery, Tiffin, Ohio.
Loomis-Manning Mfg. Co., 1421 S. 37th, Philadelphia, Pa.
Loomis, W. & H., Contracting Co., Lansford, Pa.
Loonah Lumber Co., Sioux Falls, S. D.
Looney & Bloess Lumber Co., Sedalia, Mo.
Looney Rivers Lumber Co., Boyce, La.
Loos, Adam, boilers, Toledo, Ohio.
Loos & Dilworth, lubrg. oils, paraffine wax, etc., 134 S. Front, Philadelphia, Pa.
Loos & Dothard, contractors, Commercial Tr. Bldg., Phila., Pa.
Loos, E. D., mchsts. & fndrs., Colby, Wis.
Loos, Richard C., architect, 1017 Chestnut, Philadelphia, Pa.
Looschen Piano Case Co., Paterson, N. J.

Loose, Chas. C., sash, door & blind, Myerstown, Pa.
Loose, Sam'l A., & Son, mchsts. & fndrs., Hamburg, Pa.
Loper Bros., sash, door & blind mfrs., Port Jefferson, N. Y.
Loper, Eli & Son, sashes, doors & blinds, Bridgeton, N. J.
Loper Fire Alarm Co., Stonington, Conn.
Lopez-Desporte Packing Co., canned goods, Biloxi, Miss.
Lopez, M. F., contr., Tampa, Fla.
Loptien Bros., carriages, Sycamore, Ill.
Loptien, G., & Sons (est. of), carriages, Sycamore, Ill.
Lorain Brass & Bronze Foundry Co., Lorain, Ohio.
Lorain Casting Co., Lorain, Ohio.
Lorain Hardware Co. (whol), Lorain, Ohio.
Lorain Lumber & Mfg. Co., Lorain, Ohio.
Lorain Sand & Gravel Co., Lorain, Ohio.
Lorain Steel Co., iron forgings, rolling mills, etc., Johnstown, Pa.
Loraine Smelting & Refining Co., 25 N. Dearborn, Chicago, Ill.
Loray Mills, sheeting, Gastonia, N. C.
Lorch, Emil, architect, Ann Arbor, Mich.
Lord Bowler Co., carbonizers & indigo mills, Cleveland, Ohio.
Lord & Burnham Co., machsts. & fndrs., 30 E. 42d, New York.
Lord & Burnham Co., steam heaters, Tremont Bldg., Boston, Mass.
Lord & Bushnell Co., lumber mfrs., 2424 Laflin, Chicago, Ill.
Lord & Caswell, coffins, etc., Skowhegan, Me.
Lord Elec. Co., brake handles, 105 W. 40th, New York.
Lord, F. K., architect, 120 B'way, New York.
Lord, F. T., Polish Co., Cambridge, Mass.
Lord, Geo. W. Co., boiler compounds, 2238 N. 9th, Phila., Pa.
Lord, H. & G. W., Co., fish nets, Boston, Mass.
Lord, Hy., Chemical Co., boiler compounds, 1628 Moreland av, Baltimore, Md.
Lord, Herman A., architect, 5th & Merchant, Pittsburgh, Pa. & Ambridge, Pa.
Lord, Hewlett & Tallant, architects, 345 5th av, New York.
Lord, L. L., boiler cleaners, Meadville, Pa.
Lord, Lee H., & Co., lumber mfrs., Peoria, Ill.
Lord Lumber Co., hardwood doors, La Grange, Ill.
Lord Mfg. Co., elec. instr., light'g. arresters, etc., 105 W. 40th, New York.
Lord, R. W., Co., fish line mfrs., Kennebunk, Me.
Lord, Rufus E., bldg. contr., Waltham, Mass.
Lord Stone & Co., stove, Otter River, Mass.
Lord, W. M., Co., excelsior, Union, N. H.
Lord & Waterman, contractors, Scranton, Pa.
Lord, Wm. Henry, architect, Asheville, N. C.
Lord-Young Engineering Co. (Ltd.), Honolulu, Hawaii.
Lorehn, Olle J., architect, Light & Power Co. Bldg., Houston, Tex.
Lorentzen, H. K., sheet metal stamping, 60 Grand, New York.
Lorenz Bros. Co., contractors, 4540 W. Madison, Chicago, Ill.
Lorenz, Chas., cornices, 1018 Callowhill, Philadelphia, Pa.
Lorenz Knit Goods Mfg. Co., sweaters, etc., 237 S. Wells av, Chicago, Ill.
Lorenz, P. H., contractor, Moline, Ill.
Lorenz, Wm., Trunk Works, Inc., tool cases, 212 Marquette av, Minneapolis, Minn.
Lorenze Mfg. Co., dictionary holders, Chicago, Ill.
Lorenzen, Chas. F., & Co., grille work, 105 N. Clark, Chicago, Ill.
Loretto Iron Co., ores, 1400 Fulton, Chicago, Ill.
Lorick Bros., cornices & skylights, Columbia, S. C.
Lorick & Lowrence, masons' & bldrs.' matls., who. hdwe. & mill supplies, Columbia, S. C.
Lorillard Refrigerator Co., stretchers—portable, 25 W. 32d, New York.
Lorimer & Gallagher Co., contractors, 226 La Salle, Chicago, Ill.
Lorimer Mach. Co., Ontario & Lawrence, Philadelphia, Pa.
Loring, Alden C., architect, 53 State, Boston, Mass. & Everett, Mass.
Loring & Leland, architects, 7 Water, Boston, Mass.
Loring & Phipps, architects, Exchange Bldg., Boston, Mass.
Loring, Ralph S., architect, Lewiston, Idaho.
Loring, Sanford, mchst. & fndr., Coldwater, Mich.
Lorio, Jacob, sweaters, etc., Dedham, Mass.
Lorned Mfg. Co., potash, Long Beach, Cal.
Los Angeles Brick Co., Los Angeles, Cal.
Los Angeles Can Co., Los Angeles, Cal.
Los Angeles Carbonic Co., 514 Molino, Los Angeles, Cal.
Los Angeles Casket Co., 639 Banning, Los Angeles, Cal.
Los Angeles Creamery Auto & Machine Co., 1020 Towne av, Los Angeles, Cal.
Los Angeles Engine Works, Los Angeles, Cal.
Los Angeles Fertilizer Co., 2643 E. Edwin, Los Angeles, Cal.
Los Angeles Foundry Co., Los Angeles, Cal.
Los Angeles Heavy Hdwe. Co., 218 N. Los Angeles, Los Angeles, Cal.
Los Angeles Ladder Co., Los Angeles, Cal.
Los Angeles Lime Co., Los Angeles, Cal.
Los Angeles Mfg. Co., machinists, Los Angeles, Cal.
Los Angeles Olive Growers' Assn., canned, Los Angeles, Cal.
Los Angeles Paper Mfg. Co., Los Angeles, Cal.
Los Angeles Planing Mill Co., Los Angeles, Cal.
Los Angeles Pressed Brick Co., Los Angeles, Cal.
Los Angeles Rubber Co., mill factory supplies, Los Angeles, Cal.
Los Angeles Saddlery & Finding Co., Los Angeles, Cal.
Los Angeles Shipbuilding & Drydock Co., Los Angeles, Cal.
Los Angeles Smelting Co., babbitt & solder, 739 N. Main, Los Angeles, Cal.
Los Angeles Soap Co., Los Angeles, Cal.
Los Angeles Stone Co., Baker Detwiler Bldg., Los Angeles, Cal.
Los Angeles Telescope Co., Los Angeles, Cal.
Los Angeles Tuna Canning Co., Long Beach, Cal.
Lose, W. S., Co., contrs., Wilkinsburg, Pa.
Losch, C. E., architect, Union City, Ind.
Losee, F. E., brick, Newton, N. J.
Losekann, Joseph, architect, Stockton, Cal.
Losey & Co., whol. hdwe., Easton, Pa.
Loshbough-Jordan Tool & Machine Co., Elkhart, Ind.
Losie, C. S., architect, Hornell, N. Y.
Loth, Edw. W., architect, 253 B'way, Troy, N. Y.
Loth, Herman W., architect, 506 Newhall, New Haven, Conn.
Loth, Joseph, & Co., woven labels, Norwalk, Conn.
Loth, W. J., Stove Co., mchsts. & fndrs., Waynesboro, Va.
Loth & White, architects, 130 State, Albany, N. Y.
Lothman Cypress Co., lumber mfrs., ft. of Angelica, St. Louis, Mo.
Lothrop, F. B., Co., ferrules, South Acton, Mass.
Lothrop, H. A., & Co., cutlery, Sharon, Mass.
Lothrop, John M., contractor, 2381 Boulevard, Jersey City, N. J.
Lothrop, L. D., & Son, fish hooks, fog horns, Gloucester, Mass.
Lothrop Mfg. Co., steel benches, 15 W. Kinzie, Chicago, Ill.
Lott, K. F., & Co., masons' & bldrs.' matls., 101 E. 8th, St. Paul, Minn.
Lott, Louis, architect, Commercial Bldg., Dayton, Ohio.
Lott, W. W., turpentine, Jacksonville, Ga.
Lotter Bros. Mfg. Co., mchsts. & fndrs., Seymour, Wis.
Lotter, Hy. G., architect, 304 W. Water, Milwaukee, Wis.
Lottman, C. F., mattresses, Houston, Tex.
Lotus Cut Glass Co., Barnesville, Ohio.
Lotz, August, & Co., bee keepers' supplies, Boyd, Wis.
Lotz, Philip, & Co., contractors, 56 E. Randolph, Chicago, Ill.
Lotzer's, A., Sons Co., laundry dryers, 8th & B'way, Cincinnati, Ohio.
Louck & Hill Co., sash, door & blind mfrs., Richmond, Ind.
Loucks & Clarke Corp., contractors, Wallingford, Conn.
Loucks, Elmer E., carriages, Schenectady, N. Y.
Loucks Hardware Co., Scottsdale, Pa.
Loud, D. A., & Co., blankets—woolen, Lexington, Ky.
Loud, H. M., Sons Co., ties, poles, etc., Osceola, Mich.
Loud, Joseph Prince, architect, 85 Water, Boston, Mass.
Louden & Hill, sponges, 624 Arch, Philadelphia, Pa.
Louden Machine Works, Lebanon, Pa.
Louden Machinery Co. (The), barn equipments, Fairfield, Ia.
Loudenslager, H., Fdry. Co., 465 S. Canal, Columbus, Ohio.
Loudon Packing Co., canned goods, Terre Haute, Ind.
Louderback, A. E., varnish mfrs., 75 Murray, New York.
Loudoun Valley Milling Co., flour, Purcellville, Va.
Loudown Mach. Co., Purcellville, Va.
Louer Bros., sweaters, cardigans, etc., 651 S. 5th av, Chicago, Ill.
Lougeay, John M., contractor, 5822 Douglas, Pittsburgh, Pa.
Lougee, Wm. S., architect, Marshall Bldg., Cleveland, Ohio.
Lough Bros., die & gray iron castings, 25 Elm, New York.
Loughman, Jos., & Son, contractors, 1133 N. Vandeventer av, St. Louis, Mo.
Loughran Machine Co., Ames, Iowa.
Loughron, Thomas J., contr., Warren, R. I.
Louis, Hy. D., packing box mfrs., Leadenhall & Ostend, Baltimore, Md.
Louis, J. H., Carriage & Wagon Co., 314 W. Court, Cincinnati, O.
Louis, Jno. C., contrs. tools & supp. 131 So. Howard, Baltimore, Md.
Louise Lumber Co., Lexington, Ky.
Louisiana Building & Contr. Co., 411 W. Ramport, New Orleans, La.
Louisiana Central Lumber Co., Clarks, La.
Louisiana Cooperage Co., Plaquemine, La.
Louisiana Cornice Works, New Orleans, La.
Louisiana Creosoting Co., Winnifield, La.
Louisiana Cypress Lumber Co., Ltd., Harvey, La.
Louisiana Distillery Co. (Ltd.), 865 S. Peters, Harvey, La.
Louisiana Fibre Board Co., Bogalusa, La.
Louisiana Glass & Mirror Works, 309 Lafayette, New Orleans, La.
Louisiana Grain & Milling Co., Ltd., Lake Charles, La.
Louisiana Long Leaf Lumber Co., Fisher, La.
Louisiana Lumber Co., Bogalusa, La.
Louisiana Lumber & Shingle Co. (Ltd), Galbraith, La.
Louisiana Oil Refining Co., petroleum products, Shreveport, La.
Louisiana Paper Co., Ltd., Shreveport, La.
Louisiana Red Cypress Co., Hibernia Bk. Bldg., New Orleans, La.
Louisiana Red Cypress Lumber Co., Wichita, Kans.
Louisiana Rice Milling Co., New Orleans, La.
Louisiana Saw Mill Co., Glenmora, La.
Louisiana Scale Co., mchsts., New Orleans, La.
Louisiana State Rice Milling Co., L. & L. & G., New Orleans, La.
Louisiana State University, Engng. Schools & Coll., Baton Rouge, La.
Louisville Auto. Supply Co., spark plugs, Louisville, Ky.
Louisville Axe & Tool Co., Highland Park, Ky.
Louisville Brick Co., Louisville, Ky.
Louisville Brick & Tile Co., Louisville Ohio.
Louisville Bridge & Iron Co., steel struct. wk., Louisville, Ky.
Louisville Car Wheel & Ry. Supply Co., Louisville, Ky.

Louisville Cement Co., 325 W. Main, Louisville, Ky.
Louisville Cereal Mill Co., flour mills, Louisville, Ky.
Louisville Coal & Coke Co., Goodwill, W. Va.
Louisville Cornice & Roofing Co., Louisville, Ky.
Louisville Cotton Mills Co., twine, Louisville, Ky.
Louisville Cotton Oil Co., Louisville, Ky.
Louisville Drying Mach. Co., Louisville, Ky.
Louisville Fertilizer Co., Louisville, Ky.
Louisville Fire Brick Works, Highland Park, Ky.
Louisville Fdry. Co., Louisville, Ohio.
Louisville Gas & Electric Co., Louisville, Ky.
Louisville Girth & Blanket Mills, Louisville, Ky.
Louisville Guano Co., fertilizer mfrs., Louisville, Ala.
Louisville Lead & Color Co., Louisville, Ky.
Louisville Machine Co., concrete block, Louisville, Ohio.
Louisville Paint Mfg. Co., Louisville, Ky.
Louisville Pillow Co., mattresses, Louisville, Ky.
Louisville Planing Mill & Hardwood Flooring Co., Louisville, Ky.
Louisville Point Lumber Co., 1138 Fulton, Louisville, Ky.
Louisville Pottery Co., Floyd & Bloom av, Louisville, Ky.
Louisville Provision Co., meat packers, Louisville, Ky.
Louisville Silo & Tank Co., Louisville, Ky.
Louisville Soap Co., Shelby & Ormsby, Louisville, Ky.
Louisville Tin & Stove Co., whol. hdwe., Louisville, Ky.
Louisville Varnish Co., Louisville, Ky.
Louisville Veneer Mills, Louisville, Ky.
Lounsberry, Geo. H., contractor, Duluth, Minn.
Lounsberry, H. C., heating contractors, Camden, N. J.
Lounsbury & Bissell Co., wood felts, Winnipauk, Conn.
Lourdon, F. X., architect, Merchants' Trust Bldg., Los Angeles, Cal.
Lourie Manufacturing Co., hydraulic presses, Springfield, Ill.
Loutre Lumber Co., Cargile, Ark.
Lovatt, Geo. I., architect, 416 Walnut, Philadelphia, Pa.
Lovdall, Geo. F., architect, 8 S. Dearborn, Chicago, Ill.
Love, Boyd & Co., masons & bldrs.' matls., Nashville, Tenn.
Love Bros., brass castings & arch'l iron, Aurora, Ill.
Love, Edgar L., architect, Huntsville, Ala.
Love Fdry. & Mach. Co., Winchester, Ky.
Love, J. M., & Co., lumber, Red Springs, N. C.
Love, J. P., stone producers, Webster, Mass.
Love, Jos. V., & Co., rubber stamps, stencils, Galveston, Tex.
Love, M. A., Mfg. Co., mchsts. & fndrs., Rockford, Ill.
Love Mfg. Co., mchsts. & fndrs., Corry, Pa.
Love Piket & Nulsen Co., heating contr., 8th & B'way, Cincinnati, Ohio.
Love Thompson Co., whol. hdwe., 209 1st av, Pittsburgh, Pa.
Love Wagon Co., Durant, Miss.
Lovegrove & Co., machy. dlrs., 1524 Chestnut, Philadelphia, Pa.
Lovegrove Milling & Feed Co., flour, Charlottesville, Va.
Lovejoy, C. H., Chaplet Co., Cambridge, N. Y.
Lovejoy, D., & Son, mach. knives, etc., Lowell, Mass..
Lovejoy, Ellis, dry kilns, Columbus, Ohio.
Lovejoy Granite Co., Milford, N. H.
Lovejoy, J. E., contractor, Des Moines, Ia.
Lovejoy Planing Mill Co., sash, door & blind mfrs., 823 E. 17th, Kansas City, Mo.
Lovejoy, R. N., carriages, North Chesterville, Me.
Lovejoy Tool Works, 319 W. Ohio, Chicago, Ill.
Lovekin Pipe Expanding & Flanging Mach. Co., 421 Chestnut, Philadelphia, Pa.
Lovekin Water Heater, 39 Laurel, Philadelphia, Pa.
Lovelace Lumber Co., Brewton, Ala.
Loveland, A. C., & Co., scrap rubber, Hartford, Conn.
Loveland, Arthur L., archit., Colman Bldg., Seattle, Wash.
Loveland, J. E., masons & bldrs.' matls., Moscow, Pa.
Loveland, L. H., Co., picker sticks, Rumney, N. H.
Loveland, L. L., contractor, Cranford, N. J.
Loveland, M. E., mill & facty. supplies, Gouverneur, N. Y.
Loveland Plaster & Mfg. Co., Loveland, Colo.
Loveland, Wm. H., Co., toilet articles, Binghamton, N. Y.
Loveless, L. W., Mfg. Co., razor strops, Lafayette, Ind.
Lovell, Clinton P., architect, 30 E. 42d, New York.
Lovell, F. H., & Co., mail boxes & conduit hangers, Arlington, N. J.
Lovell-McConnell Mfg. Co., mchsts. & fndrs., 194 Wright, Newark, N. J.
Lovell Mfg. Co., clothes' wringers, Erie, Pa.
Lovell, Sidney, theatre architect, 30 N. Michigan, Chicago, Ill.
Lovering, Robert H., htg. Contrs., 37 Savin. Rox., Boston, Mass.
Lovett, Solon, boot & shoe counters, Beverly, Mass.
Lovewell-Henrici Co., laundry machy. & screw presses, Chelsea, Mass.
Lo Vis Co., can openers, Kalamazoo, Mich.
Lovitt, C. W., contractor, 1015 E. 33rd, Kansas City, Mo.
Lovsted, C. M., & Co., steam whisles, 704 Alaska Bldg., Seattle, Wash.
Lovvorn, W. J., flour mills, Cedartown, Ga.
Low Bros., & Co., lime mfrs., Limeridge, Pa.
Low, F. Eliot, & Co., mill & facty. supplies, Paterson, N. J.
Low Moor Iron Co., blast furnaces, Low Moor, Va.
Low, N. S., & Co., surgical instruments, 44 ave. A, New York.
Low, Robert, & Co., stone producers, 115 3d, S. W., Washington, D. C.
Lowden, G. W., canned goods, Savannah, Ga.
Lowe, Albert G., architect, 237 4th av, Pittsburgh, Pa.
Lowe & Bollenbacker, architects, 14 E. Jackson blvd, Chicago, Ill.
Lowe Bros. Co., Dayton, Ohio.
Lowe Bros., Mach. & Engine Works, Columbus, Ohio.
Lowe & Co., whol. hdwe., Weatherford, Tex.
Lowe, E. E., & Co., lumber, Atlanta, Ga.
Lowe, Geo., architect, Kingston, N. Y.
Lowe, Geo. A., Co., whol. hdwe., mill & facty. supp., masons & bldrs.' matls., Ogden, Utah.
Lowe, H. W., canned goods, Florence, Neb.
Lowe, Hy. A., test indicators, Cleveland, Ohio.
Lowe-Hord Hardware Co., fertilizer, Knoxville, Tenn.
Lowe, John, contractor, 352 Grand av, New Haven, Conn.
Lowe & Jones, masons & bldrs.' matls., Duluth, Ga.
Lowe, Lloyd C., architect, Huntington, W. Va.
Lowe Mfg. Co., parers—hoof, Enderlin, N. D.
Lowe, Perley, & Co., lumber, 332 S. Mich. av, Chicago, Ill.
Lowe, S. C., Supply Co., mill & facty. supp., cabinet oil, New Bedford, Mass.
Lowe, T. F., machinist, Buford, Ga.
Lowe, T. J., fertilizer, Mableton, Ga.
Lowe, Willis C., architect, Crocker Bldg., San Francisco, Cal.
Lowekamp Bros., canned goods, Jessups, Md.
Lowell Canning Co., Lowell, Wis.
Lowell Casket Co., Lowell, Mass.
Lowell Crayon Co., crayons & pencils, Lowell, Mass.
Lowell Cutter Co., carriage bodies & seats, Lowell, Mich.
Lowell Felt Co., Lowell, Mass.
Lowell Fertilizer Co., 40 N. Market, Boston, Mass.
Lowell Furnace Co., Lowell, Mass.
Lowell, Guy, architect, 225 5th av, New York.
Lowell, Guy, architect, 12 West, Boston, Mass.
Lowell Insulated Wire Co., flexible cords, rubber covered & telephone wires, Lowell, Mass.
Lovell Mfg. Co., clothes wringers, Erie, Pa.
Lowell-Meservey Hardware Co., Colorado Springs, Colo.
Lowell Paper Tube Corp., Lowell, Mass.
Lowell Planing Mill Co., Lowell, Ohio.
Lowell Polish Co., Lowell, Mass.
Lowell Rendering Co., soap, Lowell, Mass.
Lowell Shuttle Co., Lowell, Mass.
Lowell Specialty Co., mchsts. & fndrs., Lowell, Mich.
Lowell Textile Co., towels, North Chelmsford, Mass.
Lowell Waste Co., Lowell, Mass.
Lowell Wrench Co., mfrs. reversible ratchet wrenches, 54 Commercial, Worcester, Mass. *See adv index at end of book.*
Lowenthal Co., scrap iron, 947 W. 20th, Chicago, Ill.
Lowenthal, Max, & Sons, gloves, sweaters, Rochester, N. Y.
Lowenthal, W., & Co., cotton batting, Cohoes, N. Y.
Lowentraut, P., Mfg. Co., hdwe. mfrs., 36 Brenner, Newark, N. J.
Lower California Fisheries Co., canned, San Diego, Cal.
Lowerator Co., gravity conveyors, 244 W. 23d, New York.
Lowerstor Co., Inc., conveying machy., 631 Kent av, Brooklyn, N. Y.
Lowery Bros., contractors, 1631 S. Salina, Syracuse, N. Y.
Lowinson, Oscar, 5 W. 31st, New York.
Lowman & Hanford Co., pads & tablets, Seattle, Wash.
Lowmoor Iron Co., blast furnaces, Covington, Va.
Lown & Son, buckets, churns, pails, etc., Poughkeepsie, N. Y.
Lowndes & Butler, machinists, Norristown, Pa.
Lowndesville Cotton Oil Co., meal, fertz. mfrs., Lowndesville, S. C.
Lowrance Bros., & Co., contractors, Memphis, Tenn.
Lowres, G. J., &Co., optical gds.. mfrs., 350 Mulberry, Newark, N. J.
Lowrey Bros., fertilizer mfrs., Dawson, Ga.
Lowrie, C. N., landscape architect, 101 Park av, New York.
Lowrie Mfg. Co., forging machines, presses, etc., Springfield, Ill.
Lowrie & Robinson Lumber Co., sash, door & blind, 2569 Jefferson av, W Detroit, Mich.
Lowrie Safe & Lock Mfg. Co., 400 N. Oakley blvd, Chicago, Ill.
Lowry Bros., potteries Roseville, Ohio.
Lowry Co., plumbers', mill & facty. supp.—jobbers, Atlanta, Ga.
Lowry, F. S., potter, Roseville, Ohio.
Lowry, I. B., architect, Phoenixville, Pa.
Lowry, John, Jr., contr., 8 W. 40th, New York.
Lowry, Robt. C., & Co., lumber mfrs.—cloth boards, machy., etc., 23 Beaver, New York.
Lowry Top & Body Co., 1211 Vine, Philadelphia, Pa.
Lowry Wagon Works, Augusta, Ga.
Lowther, M. R., & Co., masons & bldrs.' matls., Parkersburg, W. Va.
Lowy, A., travel'g bags & suit cases, 18 Greene, New York.
Lowy & Co., travel'g bags & suit cases, 79 Grand, New York.
Lowy, D., & Co., scrap iron & steel, 66 10th av, New York.
Loy-Lange Box Co., pckg. box mfrs., 3d & Russell, St. Louis, Mo.
Loy & Nawrath Co., machinists, 25 Runyon, Newark, N. J.
Loyal Hanna Coal & Coke Co., Loyal Hanna, Pa.
Loyal Motor Truck Co., Lancaster, Ohio.
Loyd, H. C., canned goods, Goodview, Va.
Loyd, John, Co., dies, knives, machy., etc., 124 Baxter, New York.
Loyola University Engineering Dept., Engng. Schools & Coll., Chicago, Ill.
Lozier Motor Co., machsts. & fndrs., Plattsburg, N. Y.
Lozier Motor Co., Mack & Belt Line, Detroit, Mich.
L. P. C. Motor Co., mchsts., Racine, Wis.
L. & P. Knitting Co., sweaters, etc., Hawley, Pa.
L. S. & M. S. Ry. Shops, mchsts. & fndrs., Elkhart, Ind.

L. S. P. Calking Mach. Co., Wyalusing, Pa.
Lubbers & Bell Mfg. Co., adv. nov. & baling presses, Clinton, Ia.
Lubec Sardine Co., canned, Lubec, Me.
Lubenow Mfg. Co., mach. screws, 592 1st av, Milwaukee, Wis.
Luber Button Works, 18 E. 31st, New York
Lubin Mfg. Co., moving picture films, Indiana & 20th, Phila., Pa.
Lublin, B., & Son, scrap rubber, Hartford, Conn.
Lubricating Metal Co., 976 Newark av, Jersey City, N. J.
Lubricating Metal Co., metallic packing, 2 Rector, New York.
Lubron Co., packing mfrs., Everett, Mass.
Lubschez, Ben J., architect, Reliance Bldg., Kansas City, Mo.
Lubschez, Ben J., architect, 601 W. 177th, New York.
Lubschez, Ben J., architect, 1727 17th, Washington, D. C.
Luby, Wm. J., stone producers, Meriden, Conn.
Lucas, A., & Sons, fndrs., mine cages, coal chutes, 1329 S. Washington, Peoria, Ill.
Lucas, A. T., contractor, Houston, Tex.
Lucas Bros., flour mills, Shinnston, W. Va.
Lucas, Chas. O., pumps, house elec., Dayton, Ohio.
Lucas, D. A., & Co., architects, 98 3rd, Brooklyn, N. Y.
Lucas, H. N., cornices, Negaunee, Mich.
Lucas, Herbert, architect, 2 W. 45th, New York, & Lucas Bldg., Mt. Vernon, N. Y.
Lucas, I. L., brick, Dover, N. H.
Lucas, J. Craig, sash, door & blind, Brookville, Pa.
Lucas, J. L., & Son, gas blast forges, Bridgeport, Conn.
Lucas, John, & Co., enamels, paints, varnishes, etc., 322 Race, Philadelphia, Pa.
Lucas Land & Lumber Co., Paducah, Ky.
Lucas Mach. Co., sand papering, Jamestown, N. Y.
Lucas Machine Tool Co., 524 E. 99th, Cleveland, O.
Lucas Miner Pump Co., Findlay & Erie R. R., Dayton, Ohio.
Lucas Pump Co., Dayton, O.
Lucas-Tuttle Mfg. Co., school rulers, Silver Springs, N. Y.
Lucas, W. L., & Son, canned goods, Troutville, Va.
Lucas-Wallace Mfg. Co., carbureters, Paducah, Ky.
Lucas, Wm., brick, Portland, Me.
Lucas, Wm., contractor, Galveston, Tex.
Lucas, Wm. A., architect, Odd-Fellows Bldg., St. Louis, Mo.
Luce Bros., sashes, doors & blinds, 214 19th av, N., Minneapolis, Minn.
Luce, Clarence, architect, 52 Vanderbilt, New York
Luce, Geo. D., tree moss, Hagan av & St. Peters, New Orleans, La.
Luce Trunk Factory, 1026 Maine, Kansas City, Mo.
Lucey Manufacturing Corp., oil & gas well supplies, 233 B'way, New York.

BRANCH OFFICES:

Los Angeles Cal., Telephone Bldg.
San Francisco, Cal., Kohl Bldg.
Denver, Colo., First Nat'l Bank Bldg.
Shreveport, La.
Pittsburgh, Pa., Oliver Bldg.
Chattanooga, Tenn.
Beaumont, Tex.
Fort Worth, Tex.
Houston, Tex.
Ranger, Tex.
London, England, 1-5 Broad St. House.
Tampico, Mex., Apartado No. 248.

Luchte, Jos. L., mach. & fdr., Greensburg, Ind.
Lucia Granite Co., East Barre, Vt.
Lucius Engineering Co., Hartje Bldg., Pittsburgh, Pa.
Lucius & Martin, archits., Lewis bldg., Portland, Oregon.
Luck, C. H., Envelope Co., 701 La Salle, Chicago, Ill.
Luckel King & Cake Soap Co., Portland, Ore.
Luckenbach, D. & A., flour mills, Bethlehem, Pa.
Luckett, Fred'k, light fixture mfrs., 266 State, Brooklyn, N. Y.
Luckett, J. Parker, Co., automatic stokers, 1508 N. Gay, Baltimore, Md.
Luckhardt, C. A., Co., assayers, 53 Stevenson, San Francisco, Cal.
Luckhardt, Louis, cornices, 85 Sweetbriar, Pittsburgh, Pa.
Lucy, G. R., & Co., soap, 100 San Bruno, San Francisco, Cal.
Ludeman, Ed. H., mach'y, 165 B'way, New York.
Luders Marine Constr. Co., motor boat, launch & yacht bldrs., Stamford, Conn.
Ludgin, Jos. G., architect, 189 W. Madison, Chicago, Ill.
Ludington Cigarette Mach. Co., Waterbury, Conn.
Ludington, Ira M., Sons, contractors, Powers Bldg., Rochester, N. Y.
Ludington, J., & Co., canned goods, 2211 Boston, Baltimore, Md.
Ludington Lumber Co., Ludington, La.
Ludington, N., Co., masons' & bldrs.' matls., Marinette, Wis.
Ludlam, Fred'k, Co., fertilizer mfrs., 2 Rector, New York.
Ludlow, L. V., & Co., masons' & bldrs.' matls., Far Hills, N. J
Ludlow Mfg. Associates, bags & bagging, 111 Devonshire, Boston, Mass.
Ludlow & Peabody, architects, 101 Park av, New York, & Stahlman Bldg., Nashville, Tenn.
Ludlow-Saylor Wire Co., Newstead av. cor. Wabash R. R., mats, 20 E. Jackson bl, Chicago, Ill.
Ludlow-Saylor Wire Co., St. Louis, Mo.
Ludlow & Squier, mill & facty. supplies, 97 Market, Newark, N. J.
Ludlow Valve Mfg. Co., machsts. & fdrs., 141 Milk, Boston, Mass.
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
Ludlum Elec. Furnace Corp., 2 Rector, New York.
Ludlum Steel Co., magnet, steel, 2 Rector, New York, and Watervliet, N. Y.
Ludowici-Celadon Co., roofing tile mfrs., Monroe Bldg., Chicago, Ill.
Ludvigsen Bros., steel toes, calks, Jackson, Minn.
Ludwig & Co., pianos, 136th & Willow av, New York.
Ludwig, Edward R., architect, N. Y. Life Bldg., Minneapolis, Minn.
Ludwig, J., carriages, 20 Canfield, Newark, N. J.
Ludwig, L. O., starch mfr., Cary, Me.
Ludwig Piano Co., 1103 Chestnut, Philadelphia, Pa.
Ludwig, Wm. H., architect, 801 Eastern P'way, Brooklyn, N. Y.
Ludy, J. W., cornices & skylights, Zanesville, O.
Lueas Machine Tool Co., 524 E. 99th, Cleveland, Ohio.
Lueck, E. A., Co., metal specialists, 601 Caswell blk, Wilwaukee, Wis.
Lueders, Geo., & Co., soap colors & oils, 218 Pearl, New York.
Luedinghaus Bros., lumber, Dryad, Wash.
Luedinghaus-Espenschied Wagon Co., 1717 N. B'way, St. Louis, Mo.
Luehrmann, Chas. F., Hardwood Lumber Co., 150 Carroll, St. Louis, Mo.
Luetkemeyer Co., whol. hdwe., mill, facty. & steam fitters' supplies, 725 Superior av, N. W., Cleveland, Ohio.
Luenzmann, Frank, Co., bldg. contrs., 1912 Prairie, Milwaukee, Wis.
Luer Bros. Packing & Ice Co., meat packers, Alton, Ill.
Luetke, Oscar, architect'l & ornament. iron, 328 7th av, New York.
Luetscher, Jacob J., contractor, Madison, Wis.
Lufbery, Geo. F., Jr., rubber substitutes, chemicals, Elizabeth, N. J.
Lufkin, C. F., tackle blocks, Gloucester, Mass.
Lufkin Foundry & Machine Co., Lufkin, Tex.
Lufkin, Jno. W. & R. H., machy, 38 Chardon, Boston, Mass.
Lufkin Land & Lumber Co., Lufkin, Tex.
Lufkin Plow Co., fndrs., Alstead, N. H.
Lufkin Rule Co., rules & measuring tapes, Hess, Saginaw, Mich.
Lugar, C. W., canned goods, Troutville, Va.
Lugger, F. W., & Son, machinists, Delaware, O.
Lugosch, J. D., architect, 21 Blue, Weehawken, N. J.
Luick Bros. & Co., lbr. mfrs., Ann Arbor, Mich.
Luippold, Jno. M., architect, 89 Mozart, Boston, Mass.
Luitink & Sons Mfg. Co., mchsts, 775 18th av, Milwaukee, Wis.
Luitwieler Pumping Engine Co., 123 Ames, Rochester, N. Y.
Lukehart, A. L., architect, Falls Creek, Pa.
Lukemeyer, Wm. H., & Son, brick, Huntingburg, Ind.
Lukens Bros., lumber, 9th & Girard, Philadelphia, Pa.
Lukens Milling Co., flour, Atchison, Kans.
Lukens Steel Co., boiler braces & steel plate manfrs., Coatesville, Pa.
Lukens, Thos. F., Metal Co., fndrs., 238 N. 4th, Phila., Pa.
Lukens, Wm. A., contractor, Clearfield, Pa.
Lukens & Yerkes, masons' & bldrs.' matls. & lime mfrs., Stephen Girard Bldg., Philadelphia, Pa.
Lukes, Wm., hdwe. mfr., 857 S. 19th, Newark, N. J.
Lukomski Bros., plumbers' supplies, 2480 East Grant blvd, Detroit, Mich.
Luley Abattoir Co., meat packers, St. Paul, Minn.
Lull Carriage Co., delivery & spring wagons, Kalamazoo, Mich.
Lum, A. L., & Co., plumber supp., Norfolk, Va.
Lum, Geo. E., machst., Birmingham, Ala.
Lum, L. C., masons' & bldrs.' matls., Barker, N. Y.
Lum Machinery & Supply Co., mill & facty. supplies, Montgomery, Ala.
Lum, Wm. H., & Son, cut glassware, 508 Broome, New York.
Lumbs, Levi, Son, masons & bldrs.,' matls., Poughkeepsie, N. Y.
Lumber Mfrs. Agency, Centralia, Wash.
Lumber Mfg. Co., Gainesville, Fla.
Lumber Mineral Co., Arbo, Miss.
Lumber & Supply Co., masons' & bldrs.' matls., Logan, O.
Lumber World Review, trade publications, 608 S. Dearborn, Chicago, Ill.
Lumber Manufacturers Edition & Dealers Edition, trade publications, Wright Bldg., St. Louis, Mo.
Lumberman's Cement & Brick Co., Kansas City, Mo.
Lumberman's Supply Co., Topeka, Kans.
Lumen Bearing Co., bearings, castings, lubricating oils & greases, etc., 200 Lathrop, Buffalo, N. Y.
See adv. index at end of book.
Luminous Specialty Co., elect. light reflectors, Indianapolis, Ind.
Luminous Unit Co., electric fixtures, Jefferson & Washington av, St. Louis, Mo.
Lumley & Denly Co., adjusters & hinge mfrs., Ashtabula, O.
Lummi Bay Packing Co., canned goods, Green Bay, Wis.
Lummus Cotton Gin Co., Columbus, Ga.
Lummus, Walter E., Co., chemical distilling & rectifying apparatus mfrs., 173 Milk, Boston, Mass.
Lumpkin Hardware Co., Cartersville, Ga.
Lumpkin Home Mixture Guano Co., Lumpkin, Ga.
Lumsden & Van Stone Co., mill & facty. supplies, 69 High, Boston, Mass.
Lunan, J., & Sons, packing box, Fall River, Mass.
Lunbeck Bros., lumber, South Salem, O.
Lund, A., Construction Co., 19 S. La Salle, Chicago, Ill.
Lund, Anders G., architect, 810 W. 63d, Chicago, Ill.

Lund, Chas. N., Construction Co., 810 Olive, St. Louis, Mo.
Lund, J. B. & Sons, machsts. & fndrs., Sheboygan, Mich.
Lund & Nelson, 19 S. La Salle, Chicago, Ill.
Lundahl Bros. Fuel & Contracting Co., Moline, Ill.
Lundberg, Gustaf, Swedish iron, Board of Trade Bldg., Boston, Mass.
Lundberg & Mahon, architects, Provident Bldg., Tacoma, Wash.
Lundburg, Geo. E., contractor, Omaha, Nebr.
Lunde & Childs, brass fndrs., La Crosse, Wis.
Lundgren, Edward, brick, Warren, Minn.
Lundgren, John, & Co., punching dies, Detroit, Mich.
Lundin Elec. & Mach. Co., arc lamp insulators, 10 Thatcher, Boston, Mass.
Lundin Steel Casting Co., Neponset, Boston, Mass.
Lundquist, C. A., & Co., wholesale hardware, Jamestown, N. Y.
Lundquist, C. W., & Co., contractors, 712 15th av, N. E., Minneapolis, Minn.
Lundstrom, C. J., Mfg. Co., filing cabinets, Little Falls, N. Y.
Lundstrum, A., architect, North Yakima, Wash.
Lundy, John, starch mfrs., Fort Fairfield, Me.
Lunenberg Mfg. Co., coffins, etc., Lunenberg, Vt.
LUNKENHEIMER CO. (THE), engineering appliances, Beekman & Waverly, Cincinnati, O. *See adv index at end of book.*
Lunsford, G. A., & Sons, machy. dlrs., Elberton, Ga.
Lunt Moss Co., mill & facty. supp., 43 S. Market, Boston, Mass.
Lupfer, Geo. B., Co., mattresses, Columbus, O.
Lupien, A., architect, 1204 Carroll, Brooklyn, N. Y.
Lupprain, Chas. A., architect, 180 Main, New Rochelle, N. Y.
Lupton's, David, Sons Co., cornices & skylights, etc., Allegheny av & Tulip, Philadelphia, Pa.
Luquer, Lynch, architect, 9 Cornhill, Boston, Mass.
Luray Canning Co., Luray, Va.
Lurch Piano Co., 369 3d av, New York.
Luria Bros. & Co., scrap iron & steel, Reading, Pa.
Luria Rag Co., scrap rubber, iron & steel, York, Pa.
Lurie, Aaron, cornices, Hartford, Conn.
Lurz, Frank, Co., contractors, Elmhurst, N. Y.
Lushbaugh, W. H., contrs., tents, Covington, Ky.
Lusher & Rockett, contractors, Fort Worth, Tex.
Lusk Bros. Fdry. Co., Jackson, Mich.
Lusse Bros., machsts., 2807 N. Fairhill, Phila., Pa.
Lust, Wm., traveling bags, 927 Van Ness av, San Fran., Cal.
Lustbader Constr. Co., 328 E. 103d, New York.
Luster-Jordan Co., Inc., box makers' machy., Finance bldg., Philadelphia, Pa.
Lustig & Weil, contractors, 103 Park av, New York.
Lustre Creme Mfg. Co., metal polish, Rock Island, Ill.
Lustre Mfg. Co., polish, 16 W. Kinzie, Chicago, Ill.
Lutcher & Moore Cypress Lbr. Co., Ltd., Lutcher, La.
Lutcher & Moore Lumber Co., Orange, Tex.
Luten, Daniel B., consulting engnr., Indianapolis, Ind.
Lutes-Sinclair Co., machsts. & fndrs., Benton Harbor, Mich.
Lutgens, Adolph C., architect, 525 Market, San Francisco, Cal.
Luth Carriage Co., 1911 W. 8th, Cincinnati, O.
Luthe Hardware Co., Des Moines, Ia.
Luther, B. G., Co., machsts., Worcester, Mass.
Luther, C. A., & Co., textile machy., Pawtucket, R. I.
Luther, Frederick P., Co., railroad equip., 14 E. Jackson blvd., Chicago, Ill.
Luther Grinder Mfg. Co., tool grinders & sharpeners, 285 S. Water, Milwaukee, Wis.
Luther, Jno., & Sons, contractors, 176 North, Rochester, N. Y.
Luther Mfg. Co., machsts. & fndrs., Olean, N. Y.
Luther, Reed, Mfg. Co., mill & facty. supplies, Fall River, Mass.
Luthy & Co., port. grain elev., corn planters, clothes washing machs., etc., Peoria, Ill.
Lutke Mfg. Co., show cases, Portland, Ore.
Lutter Brick Co., 1503 Wellington av, Chicago, Ill.
Lutter & Gies, machsts., 258 Lake, Milwaukee, Wis.
Lutton, Wm. H., horticultural architect, 70 E. 45th, New York.
Luttrell Hardware Co., Brewton, Ala.
Luttrell, S. B., & Co., mill & facty. supplies & whol. hdwe., Knoxville, Tenn.
Luttrell & Unger, canned gds., Unger's Store, W. Va.
Lutz, Alois M., machsts., Hoboken, N. J.
Lutz & Boaz, contractors, Easton, Pa.
Lutz Co., Inc., wrenches, drill holders, etc., 3103 Gray's Ferry av, Philadelphia, Pa.
Lutz File Co., hack saw blades, etc., 806 B'way, Cincinnati, O.
Lutz, Ferdinand, flushings, valves, 555 W. B'way, New York.
Lutz, Isadore, canned gds., Bloomington, Ill.
Lutz, J. C., architect, Thief River Falls, Minn.
Lutz, J. H., machinist, Circleville, Ohio.
Lutz, Robt., stone, Oshkosh, Wis.
Lutz, Robt. J., contr., Mahanoy City, Pa.
Lutz & Schramm Co., canned goods, Pittsburgh, Pa.
Luverne Auto Co., Luverne, Minn.
Luverne Oil Mills, Luverne, Ala.
Lux, L. A., Co., boiler compound, 2187 E. 2nd, Cleveland, Ohio.
Lux Mfg. Co., tungsten lamps, 1328 B'way, New York, & Hoboken, N. J.
Luxemoor Co., advtg. nov. & spec., 100 Sumner, Boston, Mass.
Luxenberg & Haskell, umbrella handles, 122 Centre, New York.
Luyster, Cornelius W., Jr., contractor, 35 Nassau, New York.
Luzerne Chemical Co., wood acids, Pittston, Pa.
Luzerne Mfg. Co., machsts. & fndrs., Luzerne, Pa.
Luzerne Milling Co., flour, Luzerne, Pa.
Luzerne Rubber Co., Trenton, N. J.
Luzier, T. B., & Son, patterns & models, 1641 N. 10th, Phila., Pa.
Luzius, P. H., architect, 942 Prospect, Cleveland, Ohio.
L.-W.-F. Engineering Co., aeroplane mfrs., College Point, L. I., N. Y.
L. & W. Spring Co., machy. springs, 210 Centre, New York.
Lyall, Earl H., architect, 335 5th av, New York.
Lyall, J., & W., machsts., Passaic, N. J.
Lybrink, Chas., & Co., htg. contrs., 37 W. Vanburen, Chicago, Ill.
Lycoming Bedding Co., mattresses, Williamsport, Pa.
Lycoming Calcining Co., gypsum, stucco & wall plaster mfrs., Williamsport, Pa.
Lycoming Fdry. & Mach Co., Williamsport, Pa.
Lycoming Timber & Lumber Co., Pottsville, Pa.
Lydall & Foulds Paper Co., Manchester, Conn.
Lydall, H., & Foulds, machsts. & fndrs., Manchester, Conn.
Lydia Cotton Mills, sheetings, Clinton, S. C.
Lydon, M. J., contractor, Elgin, Ill.
Lyle Corr. Culv. Co., 171 27th av, S. E., Minneapolis, Minn.
Lyle & Reynolds, machsts. & fndrs., Crawfordsville, Ind.
Lyle Rock Co., stone prod., Kansas City, Mo.
Lyman, Abner A., contractor, New Britain, Conn.
Lyman Gun Sight Corp., Middlefield, Conn.
Lyman, H. B., conductor pipe, Southampton, Mass.
Lyman, Harry B., masons' & bldrs.' matls., Lafayette, Ind.
Lyman, Hawkins Lumber Co., Akron, Ohio.
Lyman, J. B., Jr., architect, 861 6th, San Diego, Cal.
Lyman, John R., Co., platers' supplies, Springfield, Mass.
Lyman, Jno. T., sash, door & blind mfr., Montclair, N. J.
Lyman Mfg. Co., candy pails, Warren, Ohio.
Lyman Mills, cotton sheetings, Holyoke, Mass.
Lyman Sand Co., Omaha, Neb.
Lyman, Wm. H., contractors, 155 N. Clark, Chicago, Ill.
Lynch, Alonzo K., belt dressing, 310 Flushing av, B'klyn, N. Y.
Lynch, Austin J., Co., contractors, 111 W. Monroe, Chicago, Ill.
Lynch Brick Co., Haverstraw, N. Y.
Lynch Bros. Brick Co., Holyoke, Mass.
Lynch Bros., & Co., brick, East Kingston, N. Y.
Lynch-Clarlsey Co., boiler compounds, 3211 S. Wood, Chicago, Ill.
Lynch-Cannon Eng. Co., Dooly Bldg., Salt Lake City, Utah.
Lynch Co., steam fitters' supplies, Honolulu, Hawaiian Islands.
Lynch Construction Co., Inc., 52 Vanderbilt av, New York.
Lynch Construction Co., McIntyre Bldg., Salt Lake City, Utah.
Lynch, Edw., & Co., mill & facty. supplies, 31 S. Clinton, Chicago, Ill.
Lynch, Elliott, architect, 341 5th av, New York.
Lynch, Geo. C., Co., silk, etc., shades, 235 5th av, New York.
Lynch Glass Machy. Co., bottle blowing machy., Anderson, Ind.
Lynch, J. Hal, architect, Dolph Bldg., St. Louis, Mo.
Lynch James H., contractor, 501 River av, Providence, R. I.
Lynch & Larkin, contractors, Yonkers, N. Y.
Lynch-McDonald Construction Co., Moberly, Mo.
Lynch, Michael, Constr. Co., Paterson, N. J.
Lynch & O'Brien, brick, Haverstraw, N. Y.
Lynch, P. J., contractor, 110 Jessie, San Francisco, Cal.
Lynch, V., & Co., contractors, 13 Park row, New York.
Lynch, W. B., lumber, Darlington, Ind.
Lynch Wall Trunk Co., 213 W. Austin, Chicago, Ill.
Lynch, Wm., boiler compounds, 32 Bay, Brooklyn, N. Y.
Lynch, Wm. H., contractor, West New Brighton, N. Y.
Lynch & Woodward, htg. contrs., 26 Beach, Boston, Mass.
Lynchburg Brick Co., Lynchburg, Va.
Lynchburg Coal & Coke Co., Lynchburg, Va.
Lynchburg Cotton Mills, cotton sheetings & tickings, Lynchburg, Va.
Lynchburg Foundry Co., Lynchburg, Va.
Lynchburg Lumber Mfg. Co., sash, door & blind, Lynchburg, Va.
Lynchburg Milling Co., flour, Lynchburg, Va.
Lynchburg Plow Wks., Lynchburg, Va.
Lynchburgh Foundry Co., machsts. & fndrs., Anniston, Ala.
Lynch's, Jno. R., Sons, cornices, Binghamton, N. Y.
Lynd-Farquhar Co., machine tool dealers, 419 Atlantic av, Boston, Mass.
Lynd, Leonard E., Mfg. Co., stove lid lifters, & door knobs, Mechanicsville, N. Y.
Lynden Mill & Light Co., lumber, Lynden, Wash.
Lyne, C. H., castings, Miami, Fla.
Lyne, S. T., contractor, Fredonia, N. Y.
Lynn Bros., contrs., Wabash, Ind.
Lynn, Elliott C., contractor, Youngstown, Ohio.
Lynn Stall Co., hinges, Lynn, Mass.
Lynn Tile & Brick Works, Lynn, Ind.
Lynne, Sheldon, architect, 2415 Verbena, New Orleans, La.
Lynnhaven Lbr. Co., Norfolk, Va.
Lynnport Slate Wks., roofing slate mfrs., Lynnport, Pa.
Lynott Stove & Churn Wks., Louisiana, Mo.
Lynwood Mfg. Co., machsts., Hancock & Westmoreland, Philadelphia, Pa.
Lyon, A., contr., Ithaca, N. Y.
Lyon, A. S., lumber, West Bridgewater, Mass.
Lyon & Billard Co., masons' & bldrs.' matls., Meriden, Conn.
Lyon Bros., masons' & bldrs.' matls., Menominee, Mich.
Lyon, C. B., & Son, brick, Memphis, Tenn.
Lyon, C. S., flour mills, Stanford, Ky.
Lyon, Conklin & Co., Inc., tin plate, metals, etc.—wholesale, Baltimore, Md.
Lyon & Edwald, wholesale h'dwe, New London, Conn.

Lyon, G. S., & Sons Lbr. & Mfg. Co., Decatur, Ill.
Lyon-Gray Lbr. Co., Sherman, Tex.
Lyon, H. F., Co., machy. dlrs., 24 California, San Francisco, Cal.
Lyon & Healy, organs, pianos, 245 S. Wabash av, Chicago, Ill.
Lyon Iron Wks., Greene, N. Y.
Lyon, J. W., brass castings, 46 Clifford, Providence, R. I.
Lyon, John C., soap, Newark, N. J.
Lyon, Julian W., drug importer, 101 Beekman, New York.
Lyon Lumber Co., 208 S. La Salle, Chicago, Ill.
Lyon Metallic Mfg. Co., Aurora, Ill.
Lyon, Moses J., architect, Nevada Bk. Bldg., San Francisco, Cal.
Lyon Rubber Co., Akron, Ohio.
Lyon Ventilating Machinery Co., blowers & fans, 889 E. 134th. New York.
Lyon, W. E., & Co., masons' & bldrs.' matls., Carthage, Ill.
Lyon, W. E., Iron Works, 202 E. 46th, New York.
Lyons, A. J., Sons, lbr. mfrs., Binghamton, N. Y.
Lyons, Andrew C., architect, Fairmont, W. Va.
Lyons Counter Co., Lynn, Mass.
Lyons, Edw. S., belt knives, Woburn, Mass.
Lyons, F. P., Iron Wks., 319 Elm, Manchester, N. H.
Lyons, G. E., Granite Co., West Dummerston, Vt.
Lyons Handle & Furniture Co., Lyons, Mich.
Lyons, Hugh, & Co., show cases, Lansing, Mich.
Lyons, J. C., Sons Co., contractors, 30 E. 42d, New York.
Lyons, Jas. J., contrs., Morristown, N. J.
Lyons, Jas. T., contractor, Swampscott, Mass.
Lyons, John H., pckg. box mfrs., 548 Canal, Syracuse, N. Y.
Lyons, John P., brooms, 2016 26th av, S., Minneapolis, Minn.
Lyons Lumber Co., Hume, Ill.
Lyons Lumber Co., Ltd., Lake Charles, La.
Lyons Mach. Wks., mirrors, Lyons Station, Ia.
Lyons, Michael F., & Co., contractors, 10 Pond, Lynn, Mass.
Lyons Milling Co., flour, Lyons, Kans.
Lyon's Mills, lumber mfrs., Solsville, N. Y.
Lyons-Morgan Co., carriages, Fresno, Cal.
Lyons, Robt. T., architect, 52 Vanderbilt av, New York.
Lyons, S. C., & Bros., ochres, Bennington, Vt.
Lyons Stoneware & Pottery Co., Lyons, N. Y.
Lyons, T. H., architect, East Setauket, N. Y.
Lyons, Thos., & Co., broom corn, Arcola, Ill.
Lype Bros., cornices, Oneida, N. Y.
Lyraphone Co. of America, talking machines, 12 W. 37th, New York.
Lysle, J. C., Milling Co., flour, Leavenworth, Kans.
Lysle, Wilson (Est. of), paper & pulp mills, Landenberg, Pa.
Lyster Sheet Metal Co., cornices, 1220 Filbert, Philadelphia, Pa.
Lyth, A., & Sons Co., masons' & bldrs.' matls., 48 W. Eagle, Buffalo, N. Y.
Lyth Tile Co., 202 Pearl, Buffalo, N. Y.
Lytle Construction Co., Sioux City, Ia.
Lytle Logging & Mercantile Co., lumber, Hoquiam, Wash.
Lytle Lumber Co., Deshler, Ohio.
Lytton Mfg. Corp., air regulators, valves, etc., Franklin, Va.
L. & Z. Suit Case Co., traveling bags, 644 5th av, Pittsburgh, Pa.

McAdam, R. B., contractor, Everett, Wash.
McAdams, Jno., & Sons, machsts. & fndrs., 978 Kent av, Brooklyn, N. Y.
McAden Mills, denims, McAdenville, N. C.
McAdoo & Allen, lthr. belting butts, 329 N. 3d, Phila., Pa.
McAfee, Chas. H., archit., 112 N. La Salle, Chicago, Ill.
McAfee, J. W., humidifiers, 645 W. 171st, New York.
McAlbee, G. R., Powder & Oil Co., dynamite & powder mfrs., 2d Nat. Bk. Bldg., Pittsburgh, Pa.
McAleer Mfg. Co., heating systems, 223 West Erie, Chicago, Ill.
McAleenan Boiler Co., riveted steel pipe, Peoria, Ill.
McAleenan Bros. Co., tanks (all kinds), 25th & A. V. R. R., Pittsburgh, Pa.
McAleer, E. J., & Co., tinware mfrs., 1422 N. 8th Phila., Pa.
McAleer, M. Frank, lime mfrs., Walkersville, Md.
McAlister, G., architect, Billings, Mont.
McAllaster & Bennett, naval archts., Central Bldg., Seattle, Wash.
McAllaster, J. E., & Sons, flour mills, Gouverneur, N. Y.
McAllister & Bell, flour mills, Covington, Va.
McAllister Dry Dock & Shipyard Co., machsts. & fndrs., marine rys. & ship bldrs., 24 State, New York.
McAllister & Kline, cornices & skylights, Lancaster, Pa.
McAllister & Son Constr. Co., Lewis Bldg., Portland, Ore.
McAllister, T. H.-Keller Co., stereopticons, 176 Fulton, New York.
McAllister, W. B., Co., contractors, 2165 E. 31st, Cleveland, O.
McAlpine, A., machsts. & fndrs., Lincoln, Neb.
McAlpine, A. G., & Co., granite producers, Concord, N. H.
McAlpine, Geo. M., contr., Sarasota, Fla.
McAlpine, W. J., contractor, Dixon, Ill.
McAnelly Hardware Co., Huntsville, Ala.
McAnespie, J., & Co., woolens, Lancaster, Ohio.
McAnney, Jno. A., common brick, Atlantic City, N. J.
McArdle & Co., 2d hand barrels, 912 W. 38th pl, Chicago, Ill.
McArdle & Cooney, steam fitters' supplies, 519 Arch, Phila., Pa.
McArdle, James W., contractor, 166 Devonshire, Boston, Mass.
McArdle, Montrose P., architect, Chemical Bldg., St. Louis, Mo.
McArdle, P. H., machy. dlr., 429 Carondelet, New Orleans, La.
McArdle, Wm. H., & Son, archl. iron, 511 Bainbridge, Phila., Pa.

McArthur, Albert C., architect, 64 W. Randolph, Chicago, Ill.
McArthur Brick Co., McArthur, Ohio.
McArthur Cut Stone Co., 4650 Iowa, Chicago, Ill.
McArthur, Geo., & Son, towels, Baraboo, Wis.
McArthur, Jos. G., architect, Lincoln, Neb.
McArthur Portable Fire Escape Co., Cleveland, Ohio.
McArthur, W. T., turpentine, McGregor, Ga.
McAtee, Jno. C., contractor, Clearfield, Pa.
McAuley Automatic Trap Co., steam, Imperial Power bldg., Pittsburgh, Pa.
McAuley, J. B., contractor, Galesburg, Ill.
McAuliffe & Co., carriages, 108 W. 53d, New York.
McAuliffe & Mehegan, contrs., 720 Main, Hartford, Conn.
McAuliffe-Non Siphoning Trap Co., Chelsea, Mass.
McAuliffe, T. G., plumbers' supplies—jobbers, Augusta, Ga.
McAvoy Vitrified Brick Co., Phila., Pa.
McBee Binder Co., Athens, Ohio.
McBee Engine & Implement Co., Lexington, Miss.
McBee Lumber Co., Lexington, Miss.
McBrady, Jno. E., & Son, cornices, Portland, Me.
McBratney, Robert, & Co., airplane linen, 121 Franklin, New York.
McBrayer Canning Co., McBrayer, Ky.
McBride, C. L., Mfg. Co., canvas gloves & glove stretchers, Toledo, Ohio.
McBride, Jas., Flooring Corp., 267 Ryder av, New York.
McBride & Law, shipbldrs., Beaumont, Texas.
McBride, Michl. J., cornices, South Bethlehem, Pa.
McBride, R. L., architect, Independence, Mo.
McBride, T., & Son, masons' & bldrs.' matls., Elgin, Ill.
McBride, Thomas, lamp chimneys, Industrial, W. Va.
McCabe, Benj., Bro., cocoa mats & matting, 37 E. 18th, New York.
McCabe, Bernard, Carriage Co., Pawtucket, R. I.
McCabe Boiler Wks., steam boilers, tanks, 195 Commerce, Newark, N. J.
McCabe Bros., contractors, Bayonne, N. J.
McCabe & Brown, contrs., 1st Nat. Bk. Bldg., San Fran., Cal.
McCabe, Chas. A., conduit couplings, Wilkes-Barre, Pa.
McCabe Chemical Co., concentrators, phosphate & sulphuric acids, Charleston, S. C.
McCabe Constr. Co., 1758 Central av, Cincinnati, Ohio.
McCabe, E., & Co., boiler makers, Lawrence, Mass.
McCabe, E. R., & Co., flour mills, Jackson, Tenn.
McCabe, Edw., stone producers, New Baltimore, N. Y.
McCabe Fertz. Co., Charleston, S. C.
McCabe, Geo. M., architect, 96 6th av, New York.
McCabe, Geo., & Son, tubular boilers, Richmond, Va.
McCabe-Hanger Mfg. Co., door hanger mfrs., 425 W. 25th, New York.
McCabe, J., & Co., photographic mounts, 215 Pearl, New York.
McCabe, J. J., machy. dlrs., 149 Broadway, New York.
McCabe, Jas. F., Co., contractors, Equitable Bldg., Balto., Md.
McCabe Mfg. Co., flanging mach. mfrs., Water, Lawrence, Mass.
McCabe, Peter, masons' & bldrs.' matls., Albany, N. Y.
McCabe-Powers Carriage Co., 1217 N. B'way, St. Louis, Mo.
McCabe, W. F., Contr. Co., White Plains, N. Y.
McCabe, Walter, lumber, Knoxville, Tenn.
McCadden Machine Works, engine pistons, 316 6th av, N., St. Cloud, Minn.
McCafferty, J. H., Co., machsts. & fndrs., 434 Harrison av, Boston, Mass.
McCafferty, Jas. A., & Sons Mfg. Co., paint mfrs., 505 Driggs av, Brooklyn, N. Y.
McCaffrey File Co., 5th & Berks, Philadelphia, Pa.
McCaghey, P. B., Co., contrs., Little Falls, N. Y.
McCahan, W. J., Sugar Refining Co., Chestnut & Front, Philadelphia, Pa.
McCahill Soda Fountain Co., 407 W. 59th, New York.
McCain, W. W., radiator air moisteners, Indianapolis, Ind.
McCairns Fdry. Co., Connellsville, Pa.
McCall, C. W., architect, Central Bk. Bldg., Oakland, Cal.
McCall Constr. Co., 327 S. La Salle, Chicago, Ill.
McCall Incinerator Co., Memphis, Tenn.
McCall Machine Works, dies, etc., Rochester, N. Y.
McCall, Thos., architect, 30 N. La Salle, Chicago, Ill.
McCalla, Harold, Co., tin plate, metals, etc., 444 Fairmount av, Philadelphia, Pa.
McCallister, Wm. H., masons' & bldrs.' matls., Hurricane, W. Va.
McCallom Piano Co., Houston, Tex.
McCallum, John, contractor, 323 E. 22d, New York.
McCallum, Wm., cornices, Battle Creek, Mich.
McCalman Const. Co., contrs., Decatur, Ill.
McCalmont & Co., masons' & bldrs.' matls., Bellefonte, Pa.
McCambridge Co., brass pipe fittings, 20th & Wood, Phila., Pa.
McCammon, L. H., Bros., masons' & bldrs.' matls., Johnston Bldg., Cincinnati, Ohio.
McCance Bros. Co., galvanizing wks., Plum, Pittsburgh, Pa.
McCandless, Chas. W., contr., 1208 Palo Alto, Pittsburgh, Pa.
McCandless, H. W., & Co., decorative elec. lighting, 406 W. 31st, New York.
McCann Bldg. Co., 68 State, Albany, N. Y.
McCann Co., contractors, Evanston, Ill.
McCann, E. G., architect, Maryville, Ohio.
McCann Iron Wks., Inc., archl. iron, 249 E. 138th, New York.
McCann, J. J., masons' & bldrs.' matls., Poughkeepsie, N. Y.
McCann's, D. E., Sons, carriages, Portland, Me.

McCants, J. J., flour, Butler, Ga.
McCardell & Co., carriages & trolley wagons, Trenton, N. J.
McCardell, R. W., cornices & skylights, Little Rock, Ark.
McCargar, L. B., Mfg. Co., agrl. implts., North Kansas City, Mo.
McCarroll Bros., cornices & sklights, Ottumwa, Ia.
McCarroll Lumber Co., Ltd., Holden, La.
McCarroll Mfg. Co., machsts. & fndrs.—stoves, Ottumwa, Ia.
McCarroll, W. W., machsts., Geneva, N. Y.
McCarron, Wm. E., asbestos, cement, 601 Milwaukee av, Chicago, Ill.
McCarten, A. J., contractor, Mount Vernon, N. Y.
McCarthy Bros., contractors, 10 S. La Salle, Chicago, Ill.
McCarthy Bros., masons' & bldrs.' supplies, Auburn, N. Y.
McCarthy Bros. & Ford, dynamo & motor mfrs., Buffalo, N. Y.
McCarthy, D. F., cornices, Waterbury, Conn.
McCarthy Drill & Tool Corp., twist drills, cutters & reamers, Toledo, Ohio.
McCarthy, Felix, expansion joints, Pottstown, Pa.
McCarthy, Geo. T., contr., 929 Ironistan av, Bridgeport, Conn.
McCarthy Improvement Co., contractors, Davenport, Ia.
McCarthy, Jas., stone producers, wkrs. & dlrs., 439 W. 47th, New York.
McCarthy, Jas F., contractor, 80 N. Chambers, New York.
McCarthy, John A., & Bro., masons' & bldrs.' matls., 551 Exterior, New York.
McCarthy, John J., architect, New Britain, Conn.
McCarthy, Jos. W., architect, 139 N. Clark, Chicago, Ill.
McCarthy Lumber & Constr. Co., Farmington, Mo.
McCarthy, M. C., contractor, Bloomington, Ill.
McCarthy & Malinski, mill & facty. supplies, Cairo, Ill.
McCarthy, Michael J., contr., 2910 Woodburn av, Cincinnati, O.
McCarthy, Richard, Jr., contr., 518 Carondelet, New Orleans, La.
McCarthy & Sons Co., contractors, Princeton, N. J.
McCarthy, T. C., contractor, Madison, Wis.
McCarthy, T. F., felt & axle washers, 255 A, S. Boston, Mass.
McCarthy, W. B., scrap iron, Rose Bldg., Cleveland, Ohio.
McCarthy, W. T., architect, 16 Court, Brooklyn, N. Y.
McCarthy, Wm. J., Co., bldg. contrs.—stone, Somerville, Mass.
McCarty, Chas. D., architect, Exch. Bk. Bldg., Wheeling, W. Va.
McCarty, Chas. O., mill & facty. supplies, 300 W. Water, Syracuse, N. Y.
McCarty, J. C., & Co., nitre boxes & whol. hdwe., 29 Murray, New York.
McCarty, Merrell S., contr., 7107 Manchester, St. Louis, Mo.
McCarty & Moore, machsts. & fndrs., Leadville, Colo.
McCaskey Register Co., Alliance, Ohio.
McCaskill, J. J., Co., turpentine, Fla.
McCaslin, Jas. R., contractor, Youngstown, Ohio.
McCathron Boiler Wks. Co., Bridgeport, Conn.
McCaughey Mill Co., lumber, Fortson, Wash.
McCaul, Chas., Co., contractors, 1715 Sansom, Philadelphia, Pa.
McCauley Belting Co., leather belting, 412 Orleans, Chicago, Ill.
McCauley, Chas., scrap iron & steel, Montpelier, Ind.
McCauley, Frank, brass & bronze castings, etc., 502 W. 25th, New York.
McCauley, Geo. A., masons' & bldrs.' matls., Anoka, Minn.
McCauley, J. L., architect, N. Y. Bldg., Seattle, Wash.
McCauley, J., & W., packing box mfrs., 636 Filbert, Phila., Pa.
McCauley, W. H., & Son, contrs., 1018 Mrymns av, Balto., Md.
McCauliff, F. A., granite, Fitchburgh, Mass.
McCaulley, Harry, contractor, 42 Helen, New Haven, Conn.
McCauly Storage Battery Co., 1060 St. Clair, Cleveland, Ohio.
McCausland Bros., brick, Akron, Ohio.
McCausland, J. N., & Co., cornices & skylights, Charlotte, N. C.
McCausland, John, paper sleeves, East Providence, R. I.
McCausland, W. H., Son, contrs., 116 Larned W., Detroit, Mich.
McCavick Constr. Co., Dallas, Tex.
McCay, H. B., cornices & skylights, Bozeman, Mont.
McCherry Co., wooden handles, 81 Walker, New York.
McChesney, J. S., & Co., hose bands, 444 Wells, Chicago, Ill.
McChesney & Tracy Lbr., Co., 120 Plum, Syracuse, N. Y.
McClanahan & Shea, cornices & skylights, Maysville, Ky.
McClanahan & Terry, architects, Columbus, Miss.
McClaran, E. E., architect, Lumber Exchange, Portland, Ore.
McClare & Boyd, architects, 649 Mass. av, Cambridge, Mass.
McClary-Jemison Machine Co., Birmingham, Ala.
McClaskey, W. A., cornices, Albuquerque, N. M
McClaugherty, J. K., canned goods, Springwood, Va.
McClave, Brooks Co., mechanical stokers, grate bars & castings, Poplar, Scranton, Pa.
McClave Grate Bar Co., grate bar mfrs., 30 Warren, New York.
McClay, A. W., contractor, Richmond, Va.
McClay, John H., contr., Hammond, Ind.
McClean, C., & W. Merc. Co., fish nets & seines, 415 Washington av, St. Louis, Mo.
McClean, Geo. H., Co., steam htg. contrs., Springfield, Mass.
McCleland, Thos., Hardware Co., Jackson, Miss.
McClellan, A. H., machinist, Montague, Cal.
McClellan, Chas. P., auto. tops, Fall River, Mass.
McClellan & Gotwalt, Ltd., masons' & bldrs.' matls., York, Pa.
McClellan, James A., turpentine, Monticello, Fla.
McClellan, Jos. B., contractors, 131 State, Boston, Mass.
McClellan Paper Co., 700 S. 4th, Minneapolis, Minn.
McClellan Refrigerating Mach. Co., 570 W. Adams, Chicago, Ill.
McClellan, Wm., Co., files, 3444 Hamilton rd, Cleveland, Ohio.
McClelland, R. H., cornices, 4220 E. 56th, Kansas City, Mo.
McClelland, T. W., Co., lumber mfrs., Davenport, Ia.
McClelland Tile Co., brick, Laurelville, Ohio.
McClellanville Canning Co., McClellanville, S. C.
McCleman, H. A., & Bro., contractors, 13th & Shunk, Phila., Pa.
McClenahan, H. J., & Co., machsts., 617 Water, Baltimore, Md.
McClenahan, Kramer-Carter Co., Inc., contrs., Rialto Bldg., San Francisco, Cal.
McClenahan, T. W., & Co., contrs., Rialto Bldg., San Fran., Cal.
McClernan & Co., cabinets, 122 S. Michigan av, Chicago, Ill.
McCleverty, Jas., duster mfrs., 148 Wildey, Philadelphia, Pa.
McClintic-Marshall Co., machsts. & fndrs., Lexington & P. R. R., Pittsburgh, Pa.
McClintic-Marshall Construction Co., Oliver Bldg., Pittsburgh, Pa.
McClintock, A., steam htg. contrs., 1937 Ridge av, Phila., Pa.
McClintock & Craig, architects, 33 Lyman, Springfield, Mass.
McClintock, John T., architect, 15 Exchange, Boston, Mass.
McClintock, O. B., Co., switches, Minneapolis, Minn.
McClintock & Weaver, contrs., 24 N. Phila., Ellena, Germantown, Philadelphia, Pa.
McClinton & Co., carriages, 309 Sandusky, Pittsburgh, Pa.
McClorey, Howard, architect, Gerke Bldg., Cincinnati, Ohio.
McCloskey & Bahls, contractors, 1820 Thompson, Phila., Pa.
McCloskey Varnish Co., S. 30th, c Locust, Philadelphia, Pa.
McCloud, Wm. J., & Co., contractors, Elizabeth, N. J.
McClung, C. M., & Co., plumbers', mill & facty. supplies & wholesale hardware, Knoxville, Tenn.
McClunie, J. A., naval archt., 177 Asylum, Hartford, Conn.
McClure Co., silos, Saginaw, Mich.
McClure Contracting Co., 61 E. 6th, St. Paul, Minn.
McClure, G. W., Son & Co., open hearth furnace, Bessemer Bldg., Pittsburgh, Pa.
McClure, Geo. W., & Son, archts., 34 Gates Circle, Buffalo, N. Y.
McClure, J. W., machst. & fndr., Assumption, Ill.
McClure, Jas., bldg. contr., McClure Bldg., St. Paul, Minn
McClure, John C., patterns & models, 21 Hackett, Newark, N. J.
McClure, Johnston & Co., tin plate & metals, 1143 Liberty av, Pittsburgh, Pa.
McClure Lumber Co., Wagar, Ala.
McClure Mfg. Co., kitchen cabinets, Marion, Ind.
McClure, R. P., Constr. Co., 717½ Chestnut, St. Louis, Mo.
McClure-Taylor Co., fertilizer, Duluth, Ga.
McCluskey, H. & T., & Sons, wire & wire cloth, New Haven, Conn.
McCoig, Harry L., & Co., contractors, 348 McKnight, Minneapolis, Minn.
McColgan, J. W., cooperage stock mfrs., Dexter, Mo.
McColl & Abare, granite, Barre, Vt.
McCollan, Wm., stone, Wayne, Pa.
McCollin, Thos. H., & Co., architects' instruments & supplies, 54 N. 9th, Philadelphia, Pa.
McCollum, J. M., architect, Berger Bldg., Pittsburgh, Pa.
McComas Bros., fertilizer mfrs. & masons' & bldrs.' matls., Bel Air, Md.
McComas, G. W., & Co., canned goods, Monrovia, Md.
McComas, Geo. W., & Sons, canned goods, Singer, Md.
McComb, A. M., mill & facty. supplies, 116 N. 3d, Phila., Pa.
McComb Bros., harness, Wichita, Kans.
McComb Supply Co., whol. hdwe., Jellico, Tenn.
McComb, Thos., mill & facty. supplies, 209 Shipley, Wilmington, Del.
McComeskey, T., harness twine, fish lines, etc., 3731 Frankford, Philadelphia, Pa.
McConegly, Frank P., contractor, 6023 St. Maria, Pittsburgh, Pa.
McConnell & Bro., cornices, Ashland, Pa.
McConnell-Browning Eng. Co., machsts., 1015 E. Cary, Richmond, Va.
McConnell Hardware Co., steam fitters' supplies, Hurley, Wis.
McConnell Slate Co., plumbers' slate, 2445 Pacific, Brooklyn, N. Y.
McConnell, S. R., & I. C., Co., horse collars, Burlington, Ia.
McConnell & Watterson Co., masons' & bldrs.' matls., Kittanning, Pa.
McConway & Torley Co., fndrs., 48th & A. V. R. R., Pittsburgh, Pa.
McCook Brick Co., McCook, Neb.
McCoppin, Jos., contractor, Little Rock, Ark.
McCord & Co., journal boxes, draft gear, loco. lubricators, 122 S. Michigan av, Chicago, Ill.
McCord, Horace M., & Co., carboy rockers, Lumber Exchange, Minneapolis, Minn.
McCord & Ives, architects, Powers Bldg., Rochester, N. Y.
McCord Mfg. Co., carburetors, metallic gaskets, sash locks, etc., 2587 Grand blvd, Detroit, Mich.
McCorkell & Hurd, machsts. & fndrs., Flint, Mich.
McCormack, Chas. B., & Son, contrs., Columbia Bldg., St. Louis, Mo.
McCormack-Combs Constr. Co., Columbia Bldg., St. Louis, Mo.
McCormack, P. H., Co., stone producers, Columbus, Ind.
McCormick, A. D., contractor, Holyoke, Mass.
McCormick Bros., harvesters—blue grass, Winchester, Ky.
McCormick Bros. Iron Works, Main & Folsom, San Fran., Cal.
McCormick Co., advertising novelties, Coshocton, Ohio.
McCormick & Co., glue mfrs., Baltimore, Md.
McCormick, D. G., Co., turpentine, Edge, Fla.
McCormick, D., & Son, stone, Holyoke, Mass.
McCormick & Dunn, whol. hdwe., Troy, N. Y.
McCormick, E. H., & Sons, patent leather, Av C, Newark, N. J.
McCormick, E. J., Rubber Co., dental rubber, Lodi, N. J.

McCormick, Eugene, architect, Brookhaven, Miss.
McCormick & French, archts., 2d Nat. Bk. Bldg., Wilkes-Barre, Pa.
McCormick, Geo. H., Son & Co., brick, Gallipolis, Ohio.
McCormick, Harry E., archt., 270 Main, New Rochelle, N. Y.
McCormick, J. S., Co., pattern letters & figures, 25th & A. V. R. R., Pittsburgh, Pa.
McCormick, John C., contractor, Ottawa, Ill.
McCormick, Jos., contractor, East Providence, R. I.
McCormick, Jos. M., & Bro., contractors, Erie, Pa.
McCormick Laboratories Co., Dayton, Ohio.
McCormick Lumber Co., McCormick, Wash.
McCormick, M. L., & Bro., carriages, Penna av & Retreat, Baltimore, Md.
McCormick Mfg. Co., machsts., Dayton, Ohio.
McCormick Plumbing Supply Co., 179 Baker, Detroit, Mich.
McCormick, S. O., masons' & bldrs.' matls., New Salem, Pa.
McCormick-Saeltzner Co., mill & facty. supplies—wholsale hdwe., Redding, Cal.
McCormick, Thos. E., contractor, 810 Lincoln rd, Brooklyn, N. Y.
McCormick, W. H., & Son, mill & facty. supplies, Perth Amboy, N. J.
McCormick, Wm. D., architect, Century Bldg., Pittsburgh, Pa.
McCormick Wks., machsts. & brass fndrs., Blue & Western avs, Chicago, Ill.
McCorquodale, W. M., contr., Lake Charles, La.
McCosh & Co., masons' & bldrs.' matls., Davenport, Ia.
McCourt Label Cabinet Co., Bradford. Pa.
McCoy & Brandt, machy. dlrs., 216 Penn av, Pittsburgh, Pa.
McCoy Brick & Tile Co., Augusta, Ga.
McCoy Canning Co., Urbana, Ohio.
McCoy, F. J., tool holders, Marine Bank Bldg., Erie, Pa.
McCoy, Henry J., mill & facty. supplies, 65 Dey, New York.
McCoy, J. B., & Son, elec. & gas light fixture mfrs., machsts. & fndrs., 114 W. 30th, New York.
McCoy, Jos. F., Co., shears, miners' safety lamps, hygrometers & wholesale hardware, 157 Chambers, New York.
McCoy & Kadden, architect, Danville, Ill.
McCoy-Linn Iron Co., Milesburg, Pa.
McCoy Lumber Co., 847 Sec. Bk. Bldg., Minneapolis, Minn.
McCoy Sanitary Stoneware Co., Roseville, Ohio.
McCoy Silo Form Co., concrete forms, Bakewell Bldg., Pittsburgh, Pa.
McCoy, Thos., & Sons, fndrs., San Diego, Cal.
McCracken, E. Leo., architect, 417 Main, Springfield, Mass.
McCracken, J., Co., masons' & bldrs.' matls., Blake-McFall Bldg., Portland, Ore.
McCracken, J. E., Supply Co., masons' & bldrs.' matls., 629 E. Front, Cincinnati, Ohio.
McCracken, M. J., flour mills, Waynesville, N. C.
McCrady, A. C., cornices, Watertown, N. Y.
McCrady Bros. Co., masons' & bldrs.' matls.—contrs., Braddock, Pa.
McCrary, J. B., Co., contractors, Atlanta, Ga.
McCray, J. Henry, architect, Rockville, Conn.
McCray, R. H., Co., contrs., Am. Bank Bldg., Los Angeles, Cal.
McCray Refrigerator Co., 6655 Lake, Kendallville, Ind.
McCray, Wm. H., contractor, Bond Bldg., Washington, D. C.
McCrea, A. Wallace, & Co., architects, 23 E. 15th, New York.
McCrea, G. E., archit., 1st Nat. Bank Bldg., Oakland, Cal.
McCrea, W. S., & Son, masons' & bldrs.' matls., St. Petersburg, Fla.
McCready, J. B., machst., Parksley, Va.
McCready, John, lumber, Twining, Mich.
McCready, R. W., Cork Co., 344 W. Illinois, Chicago, Ill.
McCready & Webster, canned goods, Chance, Md.
McCreary, Edw., machsts., Cohoes, N. Y.
McCreary Engng. Co., humidifying app., Detroit, Mich.
McCreary Lumber Co., Franklinton, La.
McCreary Mfg. Co., mailing tubes, Erie, Pa.
McCreary & Willard, contractors, Spokane, Wash.
McCredie, Jas., masons' & bldrs.' matls., Aurora, Ill.
McCreery Mfg. Co., machsts. & vacuum cleaners, 1023 Front, Toledo, Ohio.
McGreevy & Ortman Co., masons' & bldrs.' matls., Dayton, O.
McCrillis Handle Co., Norwalk, Ohio.
McCrillis, J. B., & Son, carriage bodies, Manchester, N. H.
McCrosky Reamer Co., elec. fixtures, Meadville, Pa.
McCubbin, Wm. M., brick, Braymer, Mo.
McCue, John J., cut glassware, 683 Lorimer, Brooklyn, N. Y.
McCue, Thos. J. ,contrs., Watertown, Mass.
McCulloch, A. P., Machine Co., engineers, machinists & designers & builders of tools, dies & special machinery, 216 High, Boston, Mass., *See adv index at end of book.*
McCulloch, H. M., canned goods, Buchanan, Va.
McCulloch & Moss Lbr. Co., 310 Lbr. Ex., Minneapolis, Minn.
McCulloh, R. N., & Co., contractors, 118 E. Lexington, Balto., Md.
McCullom Geo., pipe hangers, Muskegon, Mich.
McCullough & Cheney, contrs., Temple ct, Minneapolis, Minn.
McCullough-Dalzell Crucible Co., 36th & A. V. R. R., Pittsburgh, Pa.
McCullough, Frank W., lumber, Norfolk, Va.
McCullough, H., masons' & bldrs.' matls., Swedesboro, N. J.
McCullough, Herbert M., architect, Ferguson Bldg., Ptg., Pa.
McCullough Iron Co., iron sheets & roofing, Equitable Bldg., Wilmington, Del.
McCullough, Jas. A., architect, 1631 M, Sacramento, Cal.
McCullough, Jas., Jr., masons' & bldrs.' matls., Kittanning, Pa.
McCullough, John, scrap iron & steel, New Bedford, Mass.
McCullough Lumber & Coal Co., Monmouth, Ill.
McCullough L'br Co., 112 Market, San Francisco, Cal.
McCullough Mfg. Co., lubricators, oil pumps, 2632 Central av, N. C., Minneapolis, Minn.
McCullough, Richard H., sash, door & blind, Plainfield, N. J.
McCullough & Taft, machsts. & fndrs., Calais, Me.
McCullough, W. J., Co., machsts. & fndrs., Ypsilanti, Mich.
McCully & Miles Co., glass mosaic wk., 202 N. Wabash av, Chicago, Ill.
McCully, R. P., & C. H., sheet metal stamping, screw mach. products, etc., 331 Van Buren, Brooklyn, N. Y.
McCumber, Wm., contractor, 140 S. Dearborn, Chicago, Ill.
McCun, Thos., & Son, contractors, Brookline, Mass.
McCune, F. G., architect, Winne Bldg., Wichita, Kans.
McCurdy, Bernard, steel flag poles, 105 N. 9th, Phila., Pa.
McCurdy-Miller Co., elec. & gas light fixtures, Van Nuys Bldg., Los Angeles, Cal.
McCurry & Inman Co., harness mfrs., Fairburn, Ga.
McCutcheon Bros. & Quality, printing inks, 1130 Callowhill, Philadelphia, Pa.
McCutcheon, C. H., mill & facty. supplies, 27 Washington, Buffalo, N. Y.
McDade, Chas. A., & Co., fndrs., Wilkes-Barre, Pa.
McDade Pottery, McDade, Tex.
McDaniel, A. H., masons' & bldrs.' matls., Augusta, Ga.
McDaniel, C. E., domestic water works, boilers, Ottumwa, Ia.
McDaniel Milling Co., flour, Carthage, Mo.
McDaniel, R. B., Co., contractors, New Brighton, Pa.
McDaniel & Son, steel tanks, windmills, Litchfield, Ill.
McDaniels, Wm., lumber, Conconully, Wash.
McDermaid, J., churns, dog power treads, Rockford, Ill.
McDermott Bros., contractors, 18 Cedar, Worcester, Mass.
McDermott Bros., tanks & dryers mfrs., Allentown, Pa.
McDermott, Chas., Co., contractors, Penna. Bldg., Philadelphia, Pa.
McDermott & Cooper, contractors, Grand Rapids, Mich.
McDermott, Edward, Co., archts., 582 Spring, W. Hoboken, N. J.
McDermott Engineering Co., tubular boilers, Jordan & Whitehall, Allentown, Pa.
McDermott & Hanigan, contrs., 120 W. 165th, New York.
McDermott, Jno., Co., contractors, Schenectady, N. Y.
McDermott, P. J., machsts., Martin's Ferry, Ohio.
McDermott Stone Co., McDermott, Ohio.
McDermott Surgical Instrument Co., 734 Poydras, New Orleans, La.
McDermott, Wm., contractor, Stapleton, N. Y.
McDonald, A. H., gas engines, 547 W. Monroe, Chicago, Ill.
McDonald, A. Y., Mfg. Co., mill & facty., plumbers' & steam fitters' supplies, Dubuque, Iowa.
McDonald, Alex., stone producers, Trenton, N. J.
McDonald, Alex., trunks, 15 Beacon, Boston, Mass.
McDonald, Andrew W., contractor, Steubenville, Ohio.
McDonald Bros., automobile tire trunks, Seattle, Wash.
McDonald Bros., fndrs., Omaha, Neb.
McDonald Bros., lumber mfrs., Helena, Ark.
McDonald, C. C., archt., 1st Nat. Bk. Bldg., Houston, Tex.
McDonald, C. S., archt., Brooks Arcade Bldg., Salt Lake City, Utah.
McDonald, Chas. V., architect, Ephrata, Wash.
McDonald, Chas. W., contractor, 3923 B'way, New York.
McDonald, D., & Co., gas meters, Albany, N. Y.
McDonald, E. L., & Son, contractors, Lebanon, Ind.
McDonald Educational Inst., engng. schools & coll., 7th & Walnut, Cincinnati, Ohio.
McDonald Elec. Co., watch demagnetizers, Chenoa, Ill.
McDonald Fdry., iron castings, Columbus, Ohio.
McDonald & Hartman, masons' & bldrs.' matls., Rochester, Pa.
McDonald, J., machst., 37 S. Clinton, Chicago, Ill.
McDonald, J. A., Co., masons' & bldrs.' matls., Miami, Fla.
McDonald, J. C., & Son, brick, Hammond Bldg., Detroit, Mich.
McDonald, J. S., Co., loose leaf devices, 638 Federal, Chicago, Ill.
McDonald, J. W., Co., contrs., Monadnock Bldg., San Fran., Cal.
McDonald, J. W., Sons, flour mills, Rogersville, Tenn.
McDonald, Jas., contractor, Delaware, Ohio.
McDonald, Jas., & Sons Co., plumbers' supplies—jobbers, lead pipe, 9th & Sycamore, Cincinnati, Ohio.
McDonald, John, architect, Omaha Nat. Bk. Bldg., Omaha, Neb.
McDonald, John, brick, Brewer, Me.
McDonald, John F., Lumber Corp., Lumber Exch., Minneapolis, Minn.
McDonald, John J., & Co., contrs., Springfield, Mass.
McDonald, John S., machst., New Orleans, La.
McDonald, Jno. W., & Son, lbr. mfrs., 106 Wall, New York.
McDonald, Kenneth, Sr., architect, Call Bldg., San Fran., Cal.
McDonald & Kivell, contractors, 10 High, Boston, Mass.
McDonald Mach. Co., 3207 Shields av, Chicago, Ill.
McDonald Mfg. Co., lbr., Portland, Me.
McDonald Packing Co., Eastport, Me.
McDonald Paint & Glass Co., 1408 Grand av, Kansas City, Mo.
McDonald, R. D., joint holders, De Land, Fla.
McDonald & Weaver, fertilizer, Cuthbert, Ga.
McDonald, Wm., Sons, agricultural implements, Lapeer, Mich.
McDonald's, T. R., Fdry., Athens, Pa.

McDonnell Boiler & Iron Wks., tanks & boilers, 121 E. Court av, Des Moines, Ia.
McDonnell & Brannen, machsts. & fndrs., Bolivar, N. Y.
McDonnell Brick Co., Middletown, Conn.
McDonnell, D. P. J., stone producer, Clinton, Ia.
McDonnell Foundry & Machine Co., Jackson, Miss.
McDonnell, J. Philip, architect, Ford Bldg., Detroit, Mich.
McDonnell Odemeter Co., speed indicators, etc., 3501-3 S. Kedzie av, Chicago, Ill.
McDonnell, P., contractor, Duluth, Minn.
McDonnell & Sons, stone, 858 Main, Buffalo, N. Y.
McDonnell, T. F., & Co., contractors, Waterloo, Ia.
McDonough Automatic Regulator Co., machsts., 716 Grand River av, Detroit, Mich.
McDonough, E. J., & Co., meat packers, Peoria, Ill.
McDonough, H., contractor, 265 Bergen av, Jersey City, N. J.
McDonough Iron Wks., Galveston, Tex.
McDouough, J. J., machinist, Savannah, Ga.
McDonough, John, contractor, 394 Bleecker, New York.
McDonough Mfg. Co., machsts., woodworking machy. & fndrs., Eau Claire, Wis.
McDonough, Mich'l, Co., contractors, Swampscott, Mass.
McDougal, Outland & Co., turpentine, Clito, Ga.
McDougal, Victor, brick, North Robinson, Ohio.
McDougald, J. A., turpentine, Statesboro, Ga.
McDougall, Benj. G., architect, Sheldon Bldg., San Fran., Cal.
McDougall Bros., architects, Russ Bldg., San Francisco, Cal.
McDougall Co., kitchen cabinets, Frankfort, Ind.
McDougall-Duluth Co., steel shipbuilders, Duluth, Minn.
McDougall, G. M., Co., landscape archts., 45 Monument pl, Indianapolis, Minn.
McDougall, Geo. B., archit., 1416 11th, Sacramento, Cal.
McDougall & Potter Co., machsts. & fndrs., 606 W. 55th, New York.
McDougall Varnish Co., 24 Evans, Buffalo, N. Y.
McDowell, Chas., masons' & bldrs.' matls., Mansfield, Pa.
McDowell & Co., 2d hand pipe, Grant & Western, Pittsburgh, Pa.
McDowell Crate & Lumber Co., Oak, Fla.
McDowell, E. O., fixture joints, 30 Church, New York.
McDowell Fdry. Co., Chicago Heights, Ill.
McDowell & Henderson, architects, Burlington, Vt.
McDowell, J. Harold, archit., 44 W. 34th, New York.
McDowell, John Kenyon, lbr. mfr., 211 Wilkinson, Syracuse, N. Y.
McDowell Mfg. Co., stamping inks, dies, water heaters, etc., Home Trust Bldg., Pittsburgh, Pa.
McDowell Oven Co., 282 State, Boston, Mass.
McDowell Paper Mills, Main & Levering, Philadelphia, Pa.
McDowell, R. G., & Co., architects, Good blk, Des Moines, Ia.
McDowell Stocker & Co., machy. dlrs., 121 N. Jeff'n, Chicago, Ill.
McDowell, W. B., architect, Lexington, Va.
McDowell, W. I., oil & gas well supplies, Knox, Pa.
McDuff, J. Leo, contr., 1350 Pawtucket av, Providence, R. I.
McDuff, Wm. J., gas, gasoline & oil engines, Lakeport, N. H.
McDuffie-Emerson, machsts. & fndrs., Marion, S. C.
McDuffie Oil & Fertilizer Co., Thomson, Ga.
McEachern, J. A., Co., dock & ship bldrs., Seattle, Wash.
McElfatrick, Wm. H., theatre archt., 701 7th av, New York.
McElliott, D. P., medical batteries, 175 N. State, Chicago, Ill.
McElnea, David, contractor, Orange, N. J.
McElnea, Henry, contractor, West Orange, N. J.
McElraevy & Hauck Co., plumbers', mill & facty. supplies—jobbers, 440 Broadway, Brooklyn, N. Y.
McElroy, Clifford T., Esq., architects, Essex Bldg., Minneapolis, Minn.
McElroy & Holmden, contrs., Billings, Mont.
McElwaine Mfg. & Auto Co., machsts. & fndrs., Bradford, Pa.
McElwee Bros., contractors, 1629 South, Philadelphia, Pa.
McElwee, Geo. D., machst. & fndr., Centerville, Miss.
McEnhill Bros., contractors, 192 15th, Detroit, Mich.
McEntee, Geo. H., contractor, 1123 B'way, New York.
McEntire Brothers, mattresses, Topeka, Kans.
McErlain & Jackson Co., masons' & bldrs.' matls., South Bend, Ind.
McEvoy Bros., contrs., Harrison, N. J.
McEvoy, Chas. H., cords, elec. card tips, Lowell, Mass.
McEvoy, J. H., & Co., oil & gas well supplies, Houston, Tex.
McEwan Bros., paper & pulp mills, Whippany, N. J.
McEwen Bros., machsts. & fndrs., Wellsville, N. Y.
McEwen Bldg. & Mfg. Co., sash, door & blind mfrs., 828 Wells, Chicago, Ill.
McEwen, Joseph, Jr., contrs., Woodbridge, N. J.
McEwen Lbr. Co., Asheville, N. C.
McEwen Mfg. Co., gas engines, Tulsa, Okla.
McEwen, Peter J., architect, 15 Beacon, Boston, Mass.
McEwing & Thomas Clay Products Co., hollow brick, Fullerton Bldg., St. Louis, Mo.
McFadden, John, cornices & skylights, Santa Ana, Cal.
McFaddin Rice Milling Co., Beaumont, Tex.
McFaddin, H. G., & Co., lamps & lighting fixtures, 38 Warren, New York.
McFarlan Motor Co., auto. bldrs., Connersville, Ind.
McFarlan & Spilker Mfg. Co., machsts., Colerain & Dorman, Cincinnati, Ohio.
McFarland Bros., tubular boilers, 5527 S. State, Chicago, Ill.
McFarland, C. T., & Herbert N. Colby, archits., 46 Cornhill, Boston, Mass.
McFarland, E. H., architect, Valley City, N. D.
McFarland Foundry & Machine Co., castings, machy. dealers, patterns & models & rubber molds, Trenton, N. J.
McFarland-Hyde Co., cornices, fire proof doors & windows, 2701 S. 5th av, Chicago, Ill.
McFarland, Jesse D., architect, 721 Olive, St. Louis, Mo.
McFarland Meade Co., metallic window frame, Woodland av & 46th, Philadelphia, Pa.
McFarlane & Co., machsts. & fndrs., Black Hawk, Colo.
McFarlane, Eggers Mach'y Co., mining & milling machy., Denver, Colo.
McFarlane Mfg. Co., wire rope tramways—machsts. & fndrs., & mill & facty. supps., Denver, Colo.
McFaul-Perkins Co., lumber mfgrs., Chronicle Bldg., San Francisco, Cal.
McFeely Brick Co., Latrobe, & 1st Nat. Bk. Bldg., Pittsburgh, Pa.
McFeely Bros., masons' & bldrs.' matls.—contrs., Steubenville, O.
McFeeters, Chas., contractor, 586 Orchard, New Haven, Conn.
McFell Signal Co., fire alarms, 2857 S. Halsted, Chicago, Ill.
McFerran, J. W., canned goods, Fincastle, Va.
McFerson & Foster Co., lbr. mfrs., Evansville, Ind.
McFetrick Lumber & Coal Co., masons' & bldrs.' matls., Valparaiso, Ind.
McFie, W. T., Supply Co., machinists' tools & supplies, Los Angeles, Cal.
McGaffey Co., contrs., Albuquerque, N. Mexico.
McCaghey, P. B., & Co., contractors, Little Falls, N. Y.
McGahee Cut Granite Co., Lithonia, Ga.
McGahey & O'Connor, contractors, 166 Devonshire, Boston, & Cambridge, Mass.
McGann, Thos. F., & Sons Co., architectural & sculptural bronze, 117 Portland, Boston, Mass. *See adv index at end of book.*
McGarigle Mach. Co., miniature locomotives, Niagara Falls, N. Y.
McGarry, John A., & Co., contrs., 189 W. Madison, Chicago, Ill.
McGarry, W. P., Co., contractors, 306 Freeman, Brooklyn, N. Y.
McGarvey, G. A., architect, New Richland, Minn.
McGarvey, John N., contr., 61st & Oxford, Philadelphia, Pa.
McGarvey, Ulrick A., bldg. arts & specialties—vanishing utilities, Phelan Bldg., San Francisco, Cal.
McGaughey Bros. Hdwe. Co., Pine Bluff, Ark.
McGavic Lbr. Co., masons' & bldrs.' matls., Decatur, Ill.
McGavic, S. L., Lumber Co., Ottumwa, Ia.
McGavock Bros., masons' & bldrs.' matls., Beloit, Wis.
McGee, D. W., Constr. Co., 142 1st, Newark, N. J.
McGee, H. T., architect, Tenn. Trust Bldg., Memphis, Tenn.
McGee, Jos., Iron & Brass Fdry. Co., 51 6th, L. I. City, N. Y.
McGee Mfg. Co., woolen blankets, Greenville, S. C.
McGee, O. G., & Son, foundry, Richmond, Va.
McGee, Percy, Jr., architect, Mills Bldg., El Paso, Tex.
McGee-Ross Hardware Co., Jackson, Tenn.
McGee, W. J., contractor, Jackson, Miss.
McGeoy, Frank R., architect, Greenwood, Miss.
McGhee's Geo., Sons, stone, Elizabeth, N. J.
McGibbon Engng. & Iron Wks., tubular boilers, 14 Columbia, Brooklyn, N. Y.
McGill, E. G., contractor, Cumberland, Md.
McGill, Irvin H., contractor, 347 5th av, Pittsburgh, Pa.
McGill Mfg. Co., electrical specialties, lamp guards, etc., 26 Oak, Valparaiso, Ind. *See adv index at end of book.*
McGill Ticket Punch Co., 542 W. Harrison, Chicago, Ill.
McGillivray Construction Co., Sacramento, Cal.
McGillivray, J. J., architect, Black River Falls, Wis.
McGillivray Lbr. & Mfg. Co., sash, door & blind, Black River Falls, Wis.
McGilvray Stone Co., 634 Townsend, San Francisco, Cal.
McGinley Cut Stone Co., Altoona, Pa.
McGinley, Howard J., & Co., cornices, 1719 Ludlow, Phila., Pa.
McGinn, G. W., & Co., contrs., Phelan Bldg., San Fran., Cal.
McGinnes Bros., contractors, 202 Milvale, Pittsburgh, Pa.
McGinness Co., heating contrs., 320 Liberty, Pittsburgh, Pa.
McGinnis & Co., sash, door & blind, Nashville, Tenn.
McGinnis, N. C., & Co., contractors, Memphis, Tenn.
McGinniss, Joseph, architect, 16 Arlington, Boston, Mass.
McGinty, Wm. H., architect, 101 Tremont, Boston, Mass.
McGirr, Edw. R., architect, 6 Beacon, Boston, Mass.
McGlashan, Norman, architect, 1123 B'way, New York.
McGlauflin, J. R., architect, Hoquiam, Wash.
McGlone Bros., spokes, Morehead, Ky.
McGloughlin Iron & Brass Fdry Co., Laconia, N. H.
McGoldrick Lumber Co., Spokane, Wash.
McGonegal, Frank E., machsts. & fndrs., Holly, Mich.
McGoodwin, Henry, archit., Carnegie Tech. School, Pittsburgh, Pa.
McGoodwin, Robt. R., architect, 34 S. 16th, Philadelphia, Pa.
McGoogan, J. J., machsts., St. Louis, Mo.
McGookin, D. H., bolt, nut & rivet mfrs., 1630 N. 9th, Phila., Pa.
McGovern, M. H., contractor, 332 S. Michigan av, Chicago, Ill.
McGovern, P. E., & Co., contrs., Punxsutawney, Pa.
McGovern & Smith, tubular boilers, 2046 E. Lehigh av, Philadelphia, Pa.
McGovney, C. A., architect, 1056 W. Gold, Butte, Mont.
McGowan Bros. Hardware Co., Spokane, Wash.
McGowan, Jas., & Co., sash, door & blind mfrs., 14 Exchange pl, Providence, R. I.
McGowan, John H., Co., pumps, etc., 52 Central av, Cincinnati, Ohio.

McGowan, P. J., & Sons, canned goods, McGowan, Wash.
McGowin-Lyons Hardware & Supply Co., Mobile, Ala.
McGranor, Jas. G., contractor, 1900 Enoch, Pittsburgh, Pa.
McGrath Bros., granite, S. Quincy, Mass.
McGrath, Daniel W., contractor, New First Nat. Bk. Bldg., Columbus, Ohio.
McGrath, Dudley, archit., 175 5th av, New York.
McGrath, H. J., Co., canned goods, Atlantic Wharf & Lakewood av, Baltimore, Md.
McGrath, J. B., Hardware Co., Hastings, Neb.
McGrath, J. P., architect, Schofield Bldg., Cleveland, Ohio.
McGrath, J. T., & Son, machsts. & fndrs., Bloomington, Ill.
McGrath, Jas. E., lumber, Stillwater, Minn.
McGrath, John J., cotton waste, 1338 N. Front, Phila., Pa.
McGrath, Jno. L., stone producers, Phoenicia, N. Y.
McGrath, Michael, & Co., granite prod., B'way, L. I. City, N. Y.
McGrath, Robert H., machsts. & fndrs., Lafayette, Ind.
McGratty & Sons, marble interior wk., 313 Butler, B'klyn, N. Y.
McGratty & Wheeler, sash, door & blind, Haverhill, Mass.
McGraw Co., mill & facty. supplies, Sioux City, Ia.
McGraw & Crone, cornices, Jackson, Mich.
McGraw, Jas., mill & facty. supplies—whol. hdwe., 1442 E. Main, Richmond, Va.
McGraw, Jas., Co., contrs., Commercial Trust Bldg., Phila., Pa.
McGraw, John H., & Sons, contractors, Bellaire, Ohio.
McGraw Plaster Co., masons' & bldrs.' matls., Free Press Bldg., Detroit, Mich.
McGraw, R., ball cocks, Syracuse, N. Y.
McGraw & Stephenson, archts., Kokomo, Ind.
McGraw Tire & Rubber Co., East Palestine, Ohio.
McGraw-Yarbrough Co., plumbers' supplies—jobbers, Richmond, Va.
McGreece, Jas. P., & Co., hdwe. mfrs., 262 Dover, Boston, Mass.
McGreevy, McGuigen & Baum Constr. Co., Elmira, N. Y.
McGregor, J. F., Mfg. Co., whol. hdwe., Chattanooga, Tenn.
McGregor-Noe Hardware Co., Springfield, Mo.
McGregor & Sons, tex. machy., supplies (slasher combs, reeds), Fall River, Mass.
McGregor Working Barrel Co., Bradford, Pa.
McGregory & Casman, stone prod., 531 Main, Springfield, Mass.
McGrew, F. L., architect, St. Anthony, Idaho.
McGrew & Soderlund, architects, Idaho Falls, Idaho.
McGrory, Philip, scrap rubber, Trenton, N. J.
McGuckin & Hyer, contractors, Tampa, Fla.
McGuffick, J. R., & Co., lubricating oils & greases, 148 Stewart, San Francisco, Cal.
McGugin, R. H., blast furnaces, Olive Furnace, Ohio.
McGuigan, John, & Co., coal hole covers, 144 Stillman, San Francisco, Cal.
McGuigan, T., contractor, Meadville, Pa.
McGuinness, J. F., tin plate, metals, etc., Worcester, Mass.
McGuire, B. A., cornices, Rockford, Ill.
McGuire, B. C. J., grain cradles, Wilmore, Pa.
McGuire Cedar Lbr. Co., Anacortes, Wash.
McGuire, Chas. F., steam fitters' supplies, Hornell, N. Y.
McGuire-Cummings Mfg. Co., machsts. & fndrs., Harris Trust & Savings Bldg., Chicago, Ill.
McGuire, F. J., contractor, Norfolk, Va.
McGuire, H. J., contractor, Coppe Bldg., Los Angeles, Cal.
McGuire, J. G., & Co., contractors, New Brighton, Pa.
McGuire, J. J., contractor, 546 W. Van Buren, Chicago, Ill.
McGuire, L. C., conduit & pipe benders, 414 37th, Brooklyn, N. Y.
McGuire, Milton H., architect, 101 Park av, New York.
McGuire Nat. Lubrg. Oil & Supply Co., 2924 Locust, St. Louis, Mo.
McGuire & Shook, architects, Indiana Pythian Bldg., Indianapolis, Ind.
McGuire & Tymeson Co., mill & facty. supplies, Johnstown, N. Y.
McGunigle & Tounge, contractors, 34 Colberg av, Boston, Mass.
McGurk, B. L., carriages, Hartford, Conn.
McHale, Martin, contractor, Logansport, Ind.
McHale, T. H. & Son, contractors, Syracuse, N. Y.
McHarg-Barton Co., contractors, 171 Madison av, New York.
McHatton Foundry Co., 1500 Washington av, Phila., Pa.
McHenry, Jas., stove linings, 2310 Washington av, Phila., Pa.
McHenry Mfg. & Mchy. Co., McHenry, Ky.
McHenry-Millhouse Mfg. Co., paint mfrs. (asphaltum), So. Bend, Ind.
McHlynn, Owen, architect, Simon Long Bldg., Wilkes-Barre, Pa.
McHose, L. H., fire clay, Perth Amboy, N. J.
McHose & Pardoe, mattresses, Fargo, N. D.
McHose, S. M., brick, Nevada, Ia.
McHugh Bros., contractors, Springfield, O.
McHugh Fdry. Co., grey iron castings, 90 Sargent, Holyoke, Mass.
McHugh, Jno., stone producer, 5816 Normal av, Chicago, Ill.
McHugh & Johnson Co., Tacoma, Wash.
McHugh, M. & J. B., contractors, 892 N. Market, Phila., Pa.
McHugh Mfg. Co., tent contrs., 242 W. 41st, New York.
McHugh, Owen, contractor, Russ Bldg, San Francisco, Cal.
McHugh, P. J., Paving & Constr. Co., Seattle, Wash.
McHugh, Thos. J., architect, 357 E. 63d, Chicago, Ill.
McIlhenny Co., canned goods, Avery Island, La.
McIlroy Belting & Hose Co., Hammond, Ind.
McIlroy, J. D., & Sons, cornices & skylights, 508 2d av, Pittsburgh, Pa.
McIlvain Bros., drugs, Phila., Pa.
McIlvain, J. Gibson, & Co., lumber, Crozer Bldg., Phila., Pa.
McIlvain & Roberts, architects, Land Title Bldg., Phila., Pa.
McIlvain & Speigel Boiler & Tank Co., Lawrence & Pearl, Cincinnati, Ohio.
McInnes, Chas. E., & Co., tin plate, metal, etc., Mariners & Merchants Bldg., Philadelphia, Pa.
McInnes Steel Co. (Ltd.), Corry, Pa.
McInnis Lumber Co., Hattiesburg, Miss.
McIntire, C., Co., miscellaneous elec. fuses, etc., 35 Vesey, Newark, N. J.
McIntire Coal & Builders' Supply Co., Zanesville, Ohio.
McIntire & Co., staple drivers, Port Chester, N. Y.
McIntire, Walter C., & Co., freight elevators, 12 N. 5th, Phila., Pa.
McIntosh, A. L., contr., Narragansett Pier, R. I.
McIntosh, A. M., & Co., granite, Quincy, Mass.
McIntosh & Alberts, corn brooms, 550 W. 39th, Chicago, Ill.
McIntosh Battery & Optical Co., 217 N. Desplaines, Chicago, Ill.
McIntosh, Jas. A., architect, Helena, Mont.
McIntosh, Jno. L., tablets & pads, 185 Franklin, Boston, Mass.
McIntosh Lbr. Co., Moss Point, Miss.
McIntosh, Samuel Fraser, engineer, Turks Head Bldg., Providence, R. I.
McIntosh & Seymour Corp., Diesel type oil engines, Auburn, N. Y.
McIntosh Stereopticon Co., 30 E. Randolph, Chicago, Ill.
McIntyre & Ahern, contractors, Hartford, Conn.
McIntyre, Archibald, contractor, New Brighton, N. Y.
McIntyre Bros. Paper Co., Inc., tissue paper, Fayetteville, N. Y.
McIntyre-Burrall Co., horse collars, Green Bay, Wis.
McIntyre, C. F., hay rakes, Maine, N. Y.
McIntyre & Henderson, tubular boilers, Key Highway & Warner, Baltimore, Md.
McIntyre, J. F., & Sons, lbr. mfrs., Pine Bluff, Ark.
McIntyre, Jas., architect, Clifford Bldg., New Bedford, Mass.
McIntyre Lumber Co., Millville, Ark.
McIntyre Mfg. Co., piston rings, 172 W. Locust, Columbus, O.
McIntyre, T. W., architect, Cooper Bldg., Denver, Colo.
McIntyre & Walter, cornices, Binghamton, N. Y.
McIntyre, William M., architect, Corona, N. Y.
McIntyre, Wm., & Son, brick, Equality, Ill.
McIntyre, Wm., & Sons, contractors, Sharon, Pa.
McIver, Cohagen & Marshall, architects, Billings, Mont., & Great Falls, Mont.
McIver, J. M., flour, Gulf, N. C.
McIver & McKay, machy. dealers, Ocala, Fla.
McJoynt Jas., contractor, 414 Floral av, Cincinnati, Ohio.
McJunkin Machine Co., machsts. & fndrs., Sisterville, W. Va.
McKaig Drop Forge Co., Buffalo, N. Y.
McKaig-Hatch, Inc., forgings & pliers, 1590 Niagara, Buffalo, N. Y.
McKaig, Merwin, mill & facty. supplies, Cumberland, Md.
McKann, M., & Co., lmb. mfrs., Norfolk, Va.
McKanna Cut Glass Co., Honesdale, Pa.
McKay, Angus Co., embossed moulding, grille work, etc., 724 S. Desplaines, Chicago, Ill.
McKay Carriage Co., Grove City, Pa.
McKay & Co., lumber, 311 California, San Francisco, Cal.
McKay, Geo. G., machst., Youngstown, Ohio.
McKay, Jas., Co., machsts., chains, bits, etc., Pittsburg, Pa.
McKay, Jno. A., Mfg. Co., machy dealers, Dunn, N. C.
McKay & Morris, contractors, 1336 G. N. W., Washington, D. C.
McKay Spec. Co., advtg., Anderson, Ind.
McKay-Storer Co., stone producers, 5 N. La Salle, Chicago, Ill.
McKean Chemical Co., Williamsport, Pa.
McKean, J. S., & Sons Co., Ltd., masons' & bldrs.' matls., New Kensington, Pa.
McKecknie, J. W., architect, Lathrop Bldg., Kansas City, Mo.
McKee, Arthur G., & Co., engineers, Rockefeller Bldg., Cleveland, Ohio.
McKee & Bliven Button Co., Muscatine, Ia.
McKee Const. Co., contractors, Springfield, Ill.
McKee Glass Co., water coolers, Jeannette, Pa.
McKee, J. L., Supply Co., machy. dlrs., Cortland, N. Y.
McKee, J. S., architect, 815 E. San Antonio, El Paso, Tex.
McKee, R. D., whol. hdwe., Hagerstown, Md.
McKee Refrigerator Co., 119 Lorimer, Brooklyn, N. Y.
McKee, Robert J., architect, 334 5th av, New York
McKee & Shade, carriages, Bloomington, Ill.
McKee, W. I., Lbr. Co., Quincy, Ill.
McKee, W. S., glass house molds, 107 Carson, Pittsburgh, Pa.
McKeefrey & Co., crushed stone & coke, Leetonia, Ohio.
McKeefrey, John, contractor, 1416 B'way, New York.
McKeel-Richardson Hardware Co., Washington, N. C.
McKeen Motor Car Co., Omaha, Neb.
McKeesport 8-in Plate Co., iron rolling mills, McKeesport, Pa.
McKeesport Steel Constr. Co., McKeesport, Pa.
McKeesport Tin Plate Co., McKeesport, Pa.
McKeever, A. Boyd, flour mills, Wardensville, W. Va.
McKeever Barrel & Keg Co., 911 Penna, Pittsburgh, Pa.
McKeever Electric Co., 244 S. High, Columbus, Ohio.
McKeithan, D. T., Lbr. Co., Lumber, S. C.
McKelvy, J. A., contractor, Harrisburg, Pa.
McKenan's, Wm., Sons, contractors, 200 E. 37th, New York.
McKendall, Frank D., masons' & bldrs.' matls.—Contr., 519 Charles, Providence, R. I.

McKENNA BRASS & MFG. CO., INC., machining, plating, castings, bearing metal, brass specialties, rod, sheet, pipe, tubing, railings, thresholds, grilles, 1st av & Ross, Pittsburgh, Pa.
McKenna Co., machsts., 1851 E. 38th, Cleveland, Ohio.
McKenna, Frank, brass fndr., Pawtucket, R. I.
McKenna, J. H., plumbers' supplies—jobbers, Savannah, Ga.
McKenna, J. L., & Co., dyewood extracts, 524 W. B'way, New York.
McKenna, Jas. H., mill & facty. supplies, Savannah, Ga.
McKenney, Chas. H., lbr., Bar Mills, Me.
McKenny & Waterbury Co., electric fixtures & fire place furnishings, 181 Franklin, Boston, Mass.
McKenzie, Alex., contractor, Superior, Wis.
McKenzie, Barrett Carriage Co., Mobile, Ala.
McKenzie Brick Co., Augusta, Ga.
McKenzie Bros., Mfg. Co., machsts. & fndrs., potato machy., La Crosse, Wis.
McKenzie Bldg. Co., contrs., Augusta, Ga.
McKenzie, Chas. S., architect, Bank of San Jose Bldg., San Jose, Cal.
McKenzie Constr. Co., San Antonio, Tex.
McKenzie, Donald, contractor, Middletown, Conn.
McKenzie, Donald N., architect, 2107½ Post Office, Galveston, Tex.
McKenzie, F. L., contractor, 7 Water, Boston, Mass.
McKenzie Lumber Co., Delaware, Ohio.
McKenzie, M. A., carriages, Wichita, Kans.
McKenzie Milling Co., flour, McKenzie, Tenn.
McKenzie, Voorhees & Gmelin, architects, 1123 B'way, New York.
McKenzie, W., contractor, 734 Washington, San Francisco, Cal.
McKeown Bros., contractors, 4817 Cot. Grove, Chicago, Ill.
McKeown, Thos., Inc., 103 Park av, New York.
McKeown, W. O., & Sons, machsts. & fdrs., Cornwell, S. C.
McKernan, Hugh, sash, door & blind, Washington, Ind.
McKesson & Robbins, oils, acids, chalk, etc., 91 Fulton, New York.
McKibben, G. N., auto switches, veneer seating, So. Norwalk, Conn.
McKibbin, David, contractor, 2900 Frankford av, Phila., Pa.
McKie Shipbuilding Co., machsts. & fndrs, 100 Border, E. B., Boston, Mass.
McKierman-Terry Drill Co., machsts., 15 Park Row, New York.
McKiernan & Bergin, contractors, Paterson, N. J.
McKiernan, Geo. F., & Co., loose leaf devices, 430 S. Green, Chicago, Ill.
McKillop, Jas., archit., 154 India, Brooklyn, N. Y.
McKim & Co., machsts. & fdrs., Baker, Ore.
McKim Fdry. & Machine Co., castings, engines, plows, etc., Lockport, N. Y.
McKim, Mead & White, architects, 101 Park av, New York.
McKinlay, P., Jr., lime mfr., Garfield, Ark.
McKinney & Co., masons' & bldrs.' matls., El Paso, Ill.
McKinney, Corliss, architect, Press Bldg., Binghamton, N. Y.
McKinney, Jas., & Son, builders' iron work, Albany, N. Y.
McKinney Mfg. Co., hinge mfrs., Locust, Pittsburgh, Pa.
McKinney Steel Co., blast furnaces & iron ore, Perry Payne Bldg., Cleveland, Ohio.
McKinnon Constr. Co., 70 Water, Providence, R. I.
McKinnon, D., turpentine, Winter Garden, Fla.
McKinnon Dash Co., camp chairs, auto. covers, etc., Buffalo, N. Y.
McKinnon, H. A., cornices & skylights, Helena, Mont.
McKinnon Iron Works Co., Ashtabula, O.
McKinnon, L. T., & Co., turpentine, Fendig, Ga.
McKinnon & McCarthy, turpentine, White Oak, Ga.
McKinnon Rockaway Axe Co., Rockaway, N. J.
McKinsey & Jenkins, contractors, Frankfort, Ind.
McKleroy, T., lumber, Conyers, Ga.
McKnight, C. C., & Bros., fertilizer, Senoia, Ga.
McKnight, L. G., & Son Co., mchsts. & fdrs., Gardner, Mass.
McKnight, Samuel, Hardware Co., 225 Federal, Pittsburgh, Pa.
McKnight & Son, masons' & bldrs.' matls., Brookville, Pa.
McKnight & Teasley, fertilizer mfrs., Hartwell, Ga.
McKown & Beattie, contractors, Coraopolis, Pa.
McKune, C. S., Co., contractors, 409 W. 55th, New York.
McKusick, J. C., contr., Hibling, Minn.
McLachlan Bldg. Co., 112th & Pullman, Chicago, Ill.
McLagon Fdry. Co., mchsts. & fdrs., New Haven, Conn.
McLain-Carter Furnace Co., open hearth, Goldsmith Bldg., Milwaukee, Wis.
McLain Fire Brick Co., Fulton Bldg., Pittsburgh, Pa.
McLain-Hadden-Simpers Co., advertising counsellors, 210 W. Washington sq, Philadelphia, Pa.
McLain, J. H., Co., heating app., steam & hot water heaters, Canton, Ohio.
McLain, L. H., Co., lamps, radiators, gas logs, 929 Cleveland av S. W., Canton, Ohio.
McLain's System, semi-steel castings, Goldsmith Bldg., Milwaukee, Wis.
McLanahan, M. Hawley, architect, 908 Bellevue Court, Philadelphia, Pa.
McLanahan Stone Mach. Co., Hollidaysburg, Pa.
McLanathan, F. W., & Son, belting, roll coverers, Lawrence, Mass.
McLane, Cyrus D., architect, Rock Island, Ill.
McLane & Hepburn, contractors, Lisbon, O.
McLane, John B., & Co., contractors, Newport, Ky.
McLane Mfg. Co., plumbers' woodwork, Milford, N. H.
McLaren Iron Works Co., Cleveland, O.
McLaren & Sons, stone producers, workers & dealers, Court & Bay, Brooklyn, N. Y.
McLaren & Wommer, stone producers, Marietta, O.
McLaughlin Bros., contractors, 915 Bolton, Baltimore, Md.
McLaughlin Bldg. Material Co., 29 S. La Salle, Chicago, Ill.
McLaughlin & Burchill, contrs., Bastable Blk, Syracuse, N. Y.
McLaughlin Canning Co., Sunnyside, Wash.
McLaughlin Co., Inc., pails, washtubs & oil cans, Brockport, N. Y.
McLaughlin Contracting Co., Germania Bk. Bldg., Pittsbgh, Pa.
McLaughlin, D., & Sons, contractors, Woburn, Mass.
McLaughlin, Geo. G., Mfg. Co., boiler cleaners, machy., 24 Washington, N. Boston, Mass.
McLaughlin, George S., archt., 44 Bromfield, Boston, Mass.
McLaughlin & Hulsken, architects, Lima, Ohio.
McLaughlin, J. L., contractor, 244 Kearney, San Francisco, Cal.
McLaughlin, J. L., & Sons, wood handles, Bedford, Pa.
McLaughlin, J. T., archit., Peoples Nat. Bk .Bldg., Lynchburg, Va.
McLaughlin, J. W., archit., 120 E. 30th, New York, N. Y.
McLaughlin, Jas. E., architect, 88 Tremont, Boston, Mass.
McLaughlin, John J., architect, Burlington, Vt.
McLaughlin, K. M., lbr., Salem, N. H.
McLaughlin & McLaughlin, contractors, 7309 Finance, Ptg., Pa.
McLaughlin, Peter F., architect, 24 North, Pittsfield, Mass.
McLaughlin, Thos., machsts., 53 Essex, Jersey City, N. J., & 3016 Poplar, Richmond, Va.
McLaughlin, Thomas S., archt., 87 Weybosset, Providence, R. I.
McLaughlin, Wm. F., architect, Meriden, Conn.
McLaughlin, Wm. J., picture mats. 9 E. 8th, New York.
McLaurin, W. B., lbr., McCall, S. C.
McLaury, D. H., Tile Co., marble wk. & flooring, 103 Park av, New York.
McLauthlin, Geo. T., Co., elevators, pulverizing machy., etc., 120 Fulton, Boston, Mass.
McLay, John H., contractor, Hammond, Ind.
McLean, A. C., Construction Co., 320 Market, San Fran., Cal.
McLean, Andrew, pkg. box mfrs., New Haven, Conn.
McLean, Andrew, Co., buckram, shade cloth, etc., Passaic, N. J.
McLean Bros., lbr. mfrs., Tonawanda, N. Y.
McLean Contracting Co., ft. of Fort av, Baltimore, Md.
McLean & Cousens Co., htg. contrs., 204 Purchase, Boston, Mass.
McLean, D., contractor, Newport, R. I.
McLean, Frank, & Co., cornices, Jackson, Mich.
McLean, Geo. A., & Co., scrap iron & steel, 915 Beaver, Ptg., Pa.
McLean, Hugh, Lbr. Co., Buffalo, N. Y.
McLean, I. F., cooperage stock, Nashville, Tenn.
McLean, J. A., contractor, Walla Walla, Wash.
McLean, Jno., cemetery railing & iron & lawn settees & chairs, 440 Water, New York.
McLean, Jno., peanut blanchers, Lockport, N. Y.
McLean-Jones Oil & Supply Co., 40 India Wharf, Boston, Mass.
McLean, M., Co., architects, 1048 Mt. Elliott, Detroit, Mich.
McLean, Neil A., contractor, Chronicle Bldg, San Francisco, Cal.
McLean Tire & Rubber Co., East Liverpool, Ohio.
McLean, W. B., Mfg. Co., bank fixtures, 1050 Herron av, Pittsburgh, Pa.
McLean, W. H., & Henry, architects, 101 Tremont, Boston, Mass.
McLeannan Bros., contractors, Pickering Bldg., Cincinnati, O.
McLee, John, contrs., Rockford, Ill.
McLellan, Frank X., contractor, Seattle, Wash.
McLellan, J. L., architect, San Marcos, Tex.
McLellan Mfg. Co., belt dressing, 265 W. 23rd, New York.
McLellan, Wm. L., mill & facty. supplies, Norwalk, Conn.
McLelland, John, architect, Beatty Bldg., Houston, Tex.
McLelland, Jno. C., flour, Thornton, Tex.
McLendon Hardware Co., Waco, Tex.
McLendon, R. R., turpentine, Blakeley, Ga.
McLennan Construction Co., 30 N. Michigan av, Chicago, Ill.
McLeod, Geo. A., turpentine, San Antonio, Fla.
McLeod & Henry Co., brick, cupola & stove linings, 360 1st, Troy, N. Y.
McLeod, J. A., stone producers, 207 N. E. 2d, Minneapolis, Minn.
McLeod, John, contractor, 517 Hope, Providence, R. I.
McLeod, R. A., Plastering Co., Inc., contrs., 1625 1st av, N. Birmingham, Ala.
McLeod, W. J., & Co., granite, Quincy, Mass.
McLeod, Ward & Co., desk lights, lamps, elec. portables, brackets, etc., 430 11th av, New York.
McLeran & Peterson, contrs., Sharon Bldg., San Francisco, Cal.
McLeroy, D. L., fire brick, Ashby, Ala.
McLoughlin Bros., toys & nov., 890 B'way, New York.
McLoughlin, Bundy & Sinsbaugh, sporting goods, Haas Bldg., Los Angeles, Cal.
McLoughlin & Donovan, plumbers' supplies—jobbers, 47 Cliff, New York.
McLouth, Sidney C., shipbldr., Marine City, Mich.
McMahan, Jas., cornices & skylights, Chattanooga, Tenn.
McMahen, Wm. H., mattresses, 44 S. 2d, Philadelphia, Pa.
McMahon, Bernard H., machinery dlr., Worcester, Mass.
McMahon & Co., friction clutches, gear & pulleys, Worcester, Mass.
McMahon, D., contractor, P. O. Bldg., Phila., Pa.
McMahon & Hickey, shoe lasts, Ellicottville, N. Y.

McMahon, J. L., & Son, cornices & skylights, State Center, Ia.
McMahon, Jas. T., Constr. Co., contrs., 1543 Farragut, St. Louis, Mo.
McMahon, Jno. F., contractor, Wainwright Bldg., St. Louis, Mo.
McMahon, Wm. P., architect, Wainwright Bldg., St. Louis, Mo.
McManis & Tarnoski, contrs., Endicott Bldg., St. Paul, Minn.
McMann & Taylor Co., pipe, boiler tubes, fittings, valves, etc., 104 John, New York. *See adv index at end of book.*
McMannamy, Wm. P., sashes, doors & blinds, Kalispell, Mont.
McManus, C. H., & Co., shoe counters, Lynn, Mass.
McManus, Edw., masons' & bldrs.' matls., Waterbury, Conn.
McManus, Edw. C., architect, Bankers Inv. Bldg., San Fran., Cal.
McManus, P., contractor, Commercial Tr. Bldg., Phila., Pa.
McManus Quarries Co., stone producers, wkrs. & dlrs., Keokuk, Iowa.
McManus & Tucker, crushed stone, Iowa Falls, Ia.
McManus, W. L., Lumber Co., Petoskey, Mich.
McMaster-Carr Supply Co., mill & facty. supplies, 174 N. Market, Chicago, Ill.
McMaster, L. W., contractor, Zanesville, Ohio.
McMaster, R. C. plow points, Adamsville, Pa
McMeekan, David, Mfg. Co., ground & pulp mica, size, etc., 1070 Pacific, Brooklyn, N. Y.
McMenamin & Sims, contrs., Commercial Tr. Bldg., Phila., Pa.
McMenemy, R. A., bldg. contr., 645 Endicott Bldg., St. Paul, Minn.
McMichael, Abner, machst., 22 Armat, Gtn., Philadelphia, Pa.
McMichael, J. M., architect, Charlotte, N. C.
McMichael, J. P., & Co., flour, Madison, N. C.
McMichen, A. M., Jr., flour, Dallas, Ga.
McMillan, A., & Co., masons' & bldrs.' matls., 341 Williams av, Portland, Ore.
McMillan, B. F., & Bro., lbr., McMillan, Wis.
McMillan Book Co., loose leaf devices, Syracuse, N. Y.
McMillan Bros., coppersmiths, Savannah, Ga.
McMillan Bros., lumber mfrs., Stockton, Ala.
McMillan Bros. Co., brass castings, Jacksonville, Fla.
McMillan, C. W., & Son, granite, Barre, Vt.
McMillan Co., contractors, 1794 E. 55th, Cleveland, Ohio.
McMillan Contracting Co., 37 W. Van Buren, Chicago, Ill.
McMillan, F. G., contractor, 2 S. E. 5th, Minneapolis, Minn.
McMillan & Harrison, fertilizer mfrs., Mobile, Ala.
McMillan, J. T., Co., meat packers, St. Paul, Minn.
McMillan, Jas., & Co., hot air furnaces, 114 Clarkson ct, Chicago, Ill.
McMillan & Johnson, turpentine, Helena, Ga.
McMillan Mill Co., lumber, Pine Barren, Fla.
McMillan, Robt., masons' & bldrs.' matls., Painesville, Ohio.
McMillan, Samuel, contractor, 250 W. 106th, New York.
McMillan, W., & Son, stone producers, 910-920 Otis Bldg., Chicago, Ill.
McMillan & Werner, machsts. & fndrs., 81 Centre, New York.
McMillan's, W. H., Sons, marine hdwe. mfrs.; ten pins, tackle, blocks, etc., 153 South, New York.
McMillen & Pitz, contrs., Manitowoc, Wis.
McMillen, R., Co., hardwood doors, Oshkosh, Wis.
McMiller & Taft, contractors, Hulbert blk., Cincinnati, Ohio.
McMinds, I. F., architect, Security Bldg., Cedar Rapids, Ia.
McMonies, W. H., & Co., harness, saddles, etc., Portland, Ore.
McMorran, Edw. E., & Co., fire extinguishers, 126 N. Union, Chicago, Ill.
McMorrow Co., contractors, 271 W. 125th, N. Y. City.
McMorrow, Jno., contractors, 322 Adams, Dor., Boston, Mass.
McMullen, A. & Melvin, Co., contractors, 1540 Maryland av, Baltimore, Md.
McMullen, Arthur, Co., contractors, caisson bridge foundations, 149 B'way, N. Y. City.
McMullen, C. E., contractor, 110 Jessie, San Francisco, Cal.
McMullen & Co., masons' & bldrs.' matls., Seattle, Wash.
McMullen, Harry, contractor, Kankakee, Ill.
McMullen, Henry J., architect, 127 N. Dearborn, Chicago, Ill.
McMullen, Leo A., architect, Jenkins Bldg., Pittsburgh, Pa.
McMullen Machy. Co., Grand Rapids, Mich.
McMullen, Snare & Triest, Inc., contractors, Lexington & 131st, N. Y. City.
McMurray & Baker, carriages, Jacksonville, Fla.
McMurray & La Rue, contrs., Knoxville, Tenn.
McMurray, Louis, Pkg. Co., Pontiac, Ill.
McMurray & Pulis, architects, 31 Clinton, Newark, N. J.
McMurray, S. M., architect, Arcade, Nashville, Tenn.
McMurray Sulky Co., carriages, Marion, Ohio.
McMurry J. W., Contracting Co., Sharp Bldg., Kansas City, Mo.
McMurtie Milling Co., flour, Belvidere, N. J.
McMurtrie, Harry G., architect, 1012 Walnut, Philadelphia, Pa.
McMurtry, A. J. & G. H., contractors, crushed stone, 16 Shepard, Boston, Mass.
McMurtry Mfg. Co., paint mfrs., Denver, Colo.
McMyler-Interstate Co., cranes, etc., Bedford, Ohio.
McNab Co., clocks, nautical & engng. appliances, Bridgeport, Conn. *See adv index at end of book.*
McNab & Harlin Mfg. Co., brass bushings, posts, plugs, etc., 55 John, N. Y. City.
McNabb, John, contractor, Bound Brook, N. J.
McNabb, Jno., & Son, contractors, Grand Rapids, Mich.
McNabb, Wm. O., architect, Decatur, Ill.
McNair Phosphate Co., fertilizer, Laurinburg, N. C.
McNair & Wade Land Co., lumber, Montbrook, Fla.
McNair-Young Co., fertilizer, Wrens, Georgia.
McNairy, A. B., & Co., paint mfrs., 1163 E. 40th, Cleveland, Ohio.
McNally, C. S., architect, 46 Kearney, San Francisco, Cal.
McNally, C. W., Co., plumbers' supplies, jobbers, 199 E. Water, Milwaukee, Wis.
McNally Construction Co., Fall River, Mass.
McNally, D. E., & Co., cornices, 24 Houghton, Worcester, Mass.
McNally Ranch, canned goods, La Mirada, Cal.
McNally, Robert J., water filters, 5618 Germantown av., Philadelphia, Pa.
McNally & Son, masons' & bldrs.' matls., St. Marys, Ohio.
McNamar, Julius J. P., engines, Newark, Ohio.
McNamar Mach. Wks., Newark, Ohio.
McNamara Bros., slate for electrical purposes, Fair Haven, Vt.
McNamara Bros. Co., tank & boiler work, Baltimore, Md.
McNamara, C. B., & Co., contractors, Dubuque, Ia.
McNamara, Henry L., cornices & skylights, Janesville, Wis.
McNamara, J. H., Trunk Co., 109 W. Monroe, Chicago, Ill.
McNamara-Koster Fdry. Co., Indianapolis, Ind.
McNamara, L. F., boot counters, Haverhill, Mass.
McNamara, M., stamp & stencil wk., 85 Nassau, New York.
McNamara, Michael, Varnish Wks., Clark & M. C. R. R., Detroit, Mich.
McNamara, Thos. J., Co., meat packers, Bridgeport, Conn.
McNamara's, J., Sons, masons' & bldrs.' matls., Keokuk, Ia.
McNatt Coffin & Casket Co., Vidalia, Ga.
McNaughton, Angus J., stone products, Battle Creek, Mich.
McNaughton Mfg. Co., grate bar mfrs., Maryville, Tenn.
McNaughton, Wm. D., paint mfrs., 185 Oakland, Brooklyn, N. Y.
McNaul Tire Co., Ohio Bldg., Toledo, Ohio.
McNaull Boiler Mfg. Co., Toledo, Ohio.
McNauld, W. D., Co., water tube boilers, 228 Cherry, Toledo, O.
McNeal, David H., architect, 333 N. Salem av, Dayton, Ohio.
McNeal Machinery Co., mill & factory supplies, Joplin, Mo.
McNear Brick Agency, Monadnock Bldg., San Francisco, Cal.
McNeel Marble Co., Marietta, Ga.
McNeil Boiler Co., 96 Crozier, Akron, Ohio.
McNeil Bros., contractors, 57 Stanley, Boston, Mass.
McNeil Construction Co., 201 Devonshire, Boston, Mass.
McNeil Cooperage Co., Phillipsburg, N. J.
McNeil, H. C., & Son, masons' & bldrs.' matls., Sioux City, Ia.
McNeil, J. V., contractor, Wesley Roberts Bldg., Los Angeles, Cal.
McNeil, Jas. & Bro., Co., steel plate wk., Pittsburgh, Pa.
McNeil, Lawrence W., cornices, Paterson, N. J.
McNeil Lbr. Corp., 1767 Filmore, Buffalo, N. Y.
McNeil & Son, contrs., Framingham, Mass.
McNeill, Lauff & McNeill, packing box mfrs., 925 N. Halsted, Chicago, Ill.
McNeill Milling Co., flour, Fayetteville, N. C.
McNichol Paving & Construction Co., 1923 Cherry, Phila., Pa.
McNicholl, John, machinists, Washington, La.
McNicol-Corns Co., china, Wellsville, Ohio.
McNicol, D. E., Pottery Co., East Liverpool, Ohio.
McNicol, Walter, machinists, Mt. Vernon, Wash.
McNiece, Wm., & Son, machinists, 515 Cherry, Philadelphia, Pa.
McNier, F. W., architect, 2603 Chartress, Houston, Texas.
McNierney Bros., stone products, Utica, N. Y.
McNown Mfg. Co., kitchen cabinets, Columbia City, Ind.
McNulty, C. W., Co., contractors, Huntington, W. Va.
McNulty, F. D., contractor, Columbia, S. C.
McNut, Lewis, sewer pipes & fittings, Brazil, Ind
McNutt Can Sales Co., non-explosive can, 83 Chambers, New York.
McNutt, Hubert C., machinists, Woodston, Kans.
McNutt & McConnell Co., brick & sewer pipe, Brazil, Ind.
McPhail, A. M., Piano Co., 120 Boylston, Boston, Mass.
McPhee, D. A., contractor, 403 Newbury, Boston, Mass.
McPhee & McGinnity Co., lumber mfrs., Tacoma, Wash.
McPhee & McGinnity Co., masons' & bldrs.' matls., Denver, Colo.
McPherson, C. D., contractors, Evanston, Ill.
McPherson, J. W., & Sons, paints, Shippinsburg, Pa.
McPherson, Jos. C., cornice & skylights, Asheville, N. C.
McPherson, W. G., Co., furnaces, steam fitters' supplies, Portland, Ore.
McQuade & Bannigan, masons' & bldrs.' matls., Utica, N. Y.
McQuade, J. W., contractor, Albuquerque, N. M.
McQuade, Jas. H., & Sons Co., contractors, Bessemer Bldg., Pittsburgh, Pa.
McQuade, John, & Co., wood stains & paint mfrs., 134 Classon av, Brooklyn, N. Y.
McQuade, Walter, architect, 47 W. 34th, New York.
McQuady Milling Co., flour, McQuady, Ky.
McQuarrie, John T., Lbr. & Coal Co., masons' & bldrs'. matls., Blair, Nebr.
McQuay-Norris Mfg. Co., piston rings, 2808-14 Locust, St. Louis, Mo. *See adv. index at end of book.*
McQuesten, Geo., Co., lumber, 27 Kilby, Boston, Mass.
McQuesten Hardware Co., Muscatine, Ia.
McQuilkin, Geo., machsts., Elkton, Md.
McQuillan, Bernard, Co., contractors, 437 E. 65th, New York.
McQuinn, Rob't, & Co., trunk mfrs., 437 Market, Phila., Pa.
McQuirk, Wm. H., contractors, Norwich, Conn.
McRae Bros., lumber manufacturers, Fort Gaines, Ga.
McRae & Davis, lumber, Orange Heights, Fla.
McRae & Roberts Co., brass goods, steam, water & gas, 227 Campbell av, Detroit, Mich. *See adv. index at end of book.*
McRainey & Bridges, lumber, Wildwood, Fla.

McRedmond, Wm. H., architect, Stamford, Conn.
McRee & McNeil, turpentine, Camilla, Ga.
McReynolds, A. V., contractor, Kennewick, Wash.
McReynolds, R., & Sons, carriages, Washington, D. C.
McReynolds, Robert, contr., 254 4th St. Arcade, Dayton, Ohio.
McShaffrey, E., & Son, contractors, Akron, Ohio.
McShain, John, contractor, 1610 North, Philadelphia, Pa.
McShane Bell Fdry. Co., 50 Church, New York.
McShane, Jas., contractor, 251 E. 62d, New York.
McShane Lumber Co., Omaha, Neb.
McShane, Wm. J., contractor, 413 S. 13th, Philadelphia, Pa.
McSheehy Bros., contractors, 47 Langdon, San Francisco, Cal.
McSherry Mfg. Co., mach'y, Pittsburgh, Pa.
McSorley, John, contractor, 1912 Wightman, Pittsburgh, Pa.
McSpirit, John & Jos., contractors, 118 Wayne, Jersey City, N. J.
McSweeney, A. McF., architect, Pocatello, Idaho.
McTague, Martin F., scrap rubber, 1221 Bainbridge, Phila., Pa.
McTernan & Halpin Const. Co., contrs., 2500 Grand av, Kansas City, Mo.
McTernan Rubber Mfg. Co., Reading, Mass.
McVay-Walker Co., lavatories & fittings, Braddock, Pa.
McVey, Hugh, fndrs., Syracuse, N. Y.
McVey, Jos., & Co., lumber mfrs., Escambia, Fla.
McVicar, Thos., cornices, Yonkers, N. Y.
McVicar, Wm. H., cornices, Yonkers, N. Y.
McVoy Sheet & Tin Plate Co., 1042 W. 36th, Chicago, Ill.
McVoy Tub, Pail & Package Co., 11th av, N. E., & Water, Minneapolis, Minn.
McWade, Wm. J., speaking tubes, 3140 S. Canal, Chicago, Ill.
McWain Canning & Packing Co., East Waterford, Me.
McWalters, Jas., & Sons, contractors, 1493 B'way, New York.
McWane Pipe Works, Lynchburg, Va.
McWhinnie, Thos., wooden barrows, Poughkeepsie, N. Y.
McWhirter, W. H., Co., stone products, 82 Woolsey, Long Island City, N. Y.
McWhorter Mfg. Co., agricultural implements, Riverton, N. J.
McWhorter, Weaver & Co., wholesale hardware, Nashville, Tenn.
McWilliams, Frank, dry docks & marine ry, 1 B'way, New York.
McWilliams, Frank, mchsts. & fndrs., Burgher av, West New Brighton, N. Y.
McWilliams, R. H., & G. A., contractors, 332 S. Michigan, Chicago, Ill.
McWilliams & Schulte, packing box mfrs., McLean av & Richmond, Cincinnati, Ohio.
McWilliams, Thos., polishing & wire drawing machines, jewelers' tools, etc., 237 Eddy, Providence, R. I.
Maag, August, Co., bakers' & confectioners' utensils mfrs., Baltimore, Md.
Maas, Chas. W., architect, Houghton, Mich.
Maas-Neimeyer Lumber Co., Indianapolis, Ind.
Maas & Waldstein, oils, lacquer mfrs., etc., 91 William, New York.
Mabbs Hydraulic Packing Co., 431 S. Dearborn, Chicago, Ill.
Mabie, Todd & Co., fountain pen mfrs., 17 Maiden la, New York.
Mabie, Wm. I., & Co., contractors, 15 Federal, Boston, Mass.
Mabscott Coal & Coke Co., Macdonald, W. Va.
MacAdams Bros., elastic hosiery, 912 Walnut, Phila., Pa.
Macalaster-Wiggin Co., time switches, 66 B'way, Boston, Mass.
Macallen Co., trolley line materials, 16 Macallen, S. Boston, Mass.
Macan, Jr., Co., mill & facty. supplies, Easton, Pa.
MacAndrews & Forbes Co., box board, Camden, N. J.
MacAndrews & Forbes Co., wall boards, 200 5th av, New York.
MacArthur Bros. Co., contractors, 120 B'way, New York.
MacArthur Concrete Pile & Foundation Co., contrs., 120 B'way, New York.
MacArthur, Jas., Co., contractors, 22 Ormond pl, Brooklyn, N. Y.
Mac Arthur & Kauffman, lumber, 461 Market, San Francisco, Cal.
MacArthur, Perks & Co., Ltd., contractors, 120 B'way, New York.
Macatee, W. L., & Sons, masons' & bldrs.' matls., Houston, Tex.
Macauley Bros., meating contractors, Grand Rapids, Mich.
Macauley, C. R., Co., sash, door & blind mfrs., 255 18th, Brooklyn, N. Y.
Macauley, Geo. W., lumber, 385 Albany, Boston, Mass.
Macauley, H. C., Foundry Co., Berkeley, Cal.
MacBee Cement Lined Pipe Co., 288 Devonshire, Boston, Mass.
Macbeth-Evans Glass Co., elec. & gas light fixtures, Wabash bldg., Pittsburgh, Pa.
Macbeth Arc Lamp Co., 917 Weightman bl, Philadelphia, Pa.
Maccar Truck Co., Scranton, Pa.
MacCarthy & Harper, who. hdwe., 345 N. Calvert, Baltimore, Md.
Macchi & Co., granite, Milford, N. H.
MacCleary, J. H., railroad equipments, Suffolk, Va.
MacClure & Spahr, architects, 320 4th av, Pittsburgh, Pa.
MacCordy Button Mach., Co., Amsterdam, N. Y.
MacCormack, W., fertilizer mfrs., Wolcott, Conn.
Macdiarmid & Co., masons' & bldrs.' matls., Newport, Vt.
MacDonald, Angus, contractor, 79 Milk, Boston, Mass.
Macdonald Colliery Co., coke, Macdonald, W. Va.
MacDonald, Donald N., lamps, glass shades, 503 Medford, Boston, Mass.
Macdonald Engng. Co., coal machy., 53 W. Jackson blvd, Chicago, Ill.
MacDonald Hay Co., die cast castings, Syracuse, N. Y.
MacDonald & Joslin Co., contractors, 161 Devonshire, Boston, Mass.
Macdonald & Kahn, contrs., Rialto bldg., San Francisco, Cal.
MacDonald & MacDonald, architects, 58 Sutter, San Fran., Cal.
MacDonald, Murdo F., granite, South Ryegate, Vt.
Macdonald Ticket & Ticket Box Co., 215 Penn Bldg., Cleveland, Ohio.
MacDonnell, Francis J., archt., Hennen Bldg., New Orleans, La.
Macdonough, A. J., archit., Kissimmee, Fla.
MacDowell, Sam'l B., & Son, contractors, 1927 Montgomery av, Philadelphia, Pa.
MacDuff, Robt. A., & Co., contractors, 376 Richmond, Providence, R. I.
Mace, Chas. G., contr., Jefferson City, Mo.
Mace, Edw., building contractor, Oshkosh, Wis.
Mace, L. H., & Co., refrigerators, step ladders, 55 E. 150th, New York.
Mace & Mansfield, fertilizer mfrs., Greenville, Ohio.
MacEachron, J. R., & Co., architects, Candler Bldg., Atlanta, Ga.
MacElroy Engine Co., kerosene engines, Newark, N. J.
Macey Co., book cases (wood), Division av, S. & P. M. R. R., Grand Rapids, Mich.
Macfarlane, Maul & Lentz, architects, David Whitney Bldg., Detroit, Mich.
MacGillis & Gibbs Co., ties, poles, Wells Bldg., Milwaukee, Wis.
MacGovern & Co., Inc., second hand mach., 114 Liberty, New York.
MacGowan & Cooke Printing Co., loose leaf devices, Chattanooga, Tenn.
Macgowan & Finigan Cordage Co., power hammers, Gay Bldg., St. Louis, Mo.
MacGregor Co., John, spark plugs, 756 South, Boston, Mass.
MacGregor, Thos. F., cornices, Schenectady, N. Y.
Mach Mfg. & Engineering Co., Council Bluffs, Ia.
Machen, Thos. G., architect, Fidelity Bldg., Baltimore, Md.
Machenheimer Bros., machsts. & fndrs., Port Angeles, Wash.
Machias Canning Co., Machias, Me.
Machiasport Packing Co., Machiasport, Me.
Machine Appliance Corporation, fasteners, paper & eyelet machinery, 351 Jay, Brooklyn, N. Y.
Machinery, trade publications, 140 Lafayette, New York.
Machinery Co. of America, saw, knife fitting machy. & tools, Big Rapids, Mich.
Machinery Designing & Mfg. Co., soap wrapping machinery & Presses, 656 Hudson, New York.
Machinery Exchange, 1219 Washington blvd, Chicago, Ill.
Machinery Forging Co., Hamilton av & Marquette, Cleveland, O.
Machinery Merchants, Inc., 50 Church, New York.
Machinery Utilities Co., machy. dealers, 501 Fifth av, New York.
See adv index at end of book.
Machinery Warehouse & Sales Co., Old Colony bldg., Chicago, Ill. *See adv index at end of book.*
Machinists Foundry Co., Muncie, Ind.
Machinists Supply Co., mill & factory supplies, 19 N. Jefferson, Chicago, Ill., & 324 3d av, Pittsburgh, Pa.
Machler, Paul, Co., ovens, 807 W. Lake, Chicago, Ill.
Machold & Riddell (dredge pipe & fittings), Stephen-Girard Bldg., Philadelphia, Pa.
Machover, S., second hand bags & bagging, 113 Mercer, New York.
Machwirt Bros. Co., cornices & skylights, metallic window sashes, etc., 201-9 Oak, Buffalo, N. Y.
Mac-It Parts Co., set hollow screws, Lancaster, Pa.
Mack Automatic Heat Regulator Co., Detroit, Mich.
Mack Ave. Building Co., 185 Division, Detroit, Mich.
Mack Axe Co., Beaver Falls, Pa.
Mack Bros., tubular boilers, 409 Marcellus, Syracuse, N. Y.
Mack Bros. Motor Car Co., Allentown, Pa.
Mack, Clyde F., architect, 6 W. 43d, Kansas City, Mo.
Mack & Co., picks, mattocks, etc., Rochester, N. Y.
Mack Fdry. & Mach. Co., Wilkinsburg, Pa.
Mack, Henry, traveling bags & suit cases, 104 Prospect, Jersey City, N. J.
Mack Iron & Wire Works, machsts., Sandusky, O.
Mack, Jas., & Co., advtg. spec., 18 So. 5th av, Chicago, Ill.
Mack & Kountz, architects, Hagerstown, Md.
Mack Mfg. Co., common brick, Union Arcade, Pittsburgh, Pa., & New Cumberland, W. Va.
Mack Mfg. Co., rail blocks, bricks, sewer pipes, etc., Lincoln Bldg., Philadelphia, Pa.
Mack & Moore, contractors, 101 Tremont, Boston, Mass.
Mack Paving & Construction Co., 20th & Sedgley av, Phila., Pa.
Mack Trunk Co., Memphis, Tenn.
Mack Trunk Co., Ltd., 157 Baronne, New Orleans, La.
Mack Ventilator Co., Swetland Bldg., Cleveland, Ohio.
Mack, W. A., & Co., cornices, etc., Lowell, Mass.
Mack & Winkle, saws, 172 Skillman av, Brooklyn, N. Y.
MacKay, Geo., architect, Ocala, Fla.
Mackay, Kenneth, & Co., contractors, Yonkers, N. Y.
Mackay Mfg. Co., steam & hot water heaters & radiators, 234 Water, New York.
Mackay, W. M., consulting heating & ventilating engineers, 234 Water, New York.
Mackay, W. R., bldg. contr., Owasco Terrace, Auburn, N. Y.
Macke Marble & Granite Works, Birmingham, Ala.
Mackee & Williams, architects, Newport News, Va.
MacKellar's, R., Sons Co., fdry. facings, Peekskill, N. Y.
Mackemer, J. W., & Co., masons' & bldrs.' matls., Peoria, Ill.
MacKenzie, Clinton, architect, 15 Broad, New York.

MacKenzie, Geo. M., dumb waiters & freight elev., New Haven, Conn.
MacKenzie, H. Jordan, architect, 827 Gravier, New Orleans, La.
Mackenzie, J. P., lumber mfrs., North Tonawanda, N. Y.
MacKenzie, James C., Jr., archit., 331 Madison av, N. Y.
MacKenzie, Murdoch, contractor, 346 Belgrade av, Boston, Mass.
MacKenzie, Quarrier & Ferguson, steam engines, 2 Rector, New York.
Mackenzie, R. H., contractor, Englewood, N. J.
MacKenzie & Temple, contractors, 180 Milk, Boston, Mass.
MacKenzie's, Duncan, Sons Co., mchsts. & fndrs., Trenton, N. J.
Mackey Brick & Tile Mfg. Co., San Antonio, Tex.
Mackey, Leroy B., contractor, Altoona, Pa.
Mackey, M. E., brick, Verplanck, N. Y.
Mackin, F. M., & Co., mchsts. & fndrs., 1729 Lamont av, Baltimore, Md.
Mackin Oil Gauge Co., 33 N. Foster, Worcester, Mass.
Mackin, Stephen, mach. & jobbing, etc., 33 North Foster, Worcester, Mass.
MacKinnon, F., Mfg. Co., wagons, Grand Rapids, Wis.
Mackinnon & Nicholson, contractors, Attleboro, Mass.
Mackintosh, Alexander, architect, Bible House, New York.
Mackintosh, D., & Sons Co., absorbent cotton, Holyoke, Mass.
Mackintosh, Hemphill & Co., engine builders, 1227 Liberty, Pittsburgh, Pa.
Mackle Construction Co., Atlanta, Ga.
Macklin & Faught, architects, Chickasha, Okla.
Macklin, H. B., architect, Greenville, Tex.
Macknet, Dan, masons' & bldrs.' matls., Dectaur, Ill.
Macknet & Doremus, who. h'dwe, machinists' tools, mill, facty. & steamfitters' supplies, 796 Broad, Newark, N. J.
Macknet Grate Bar Co., mfrs., 32 Nassau, New York.
Macksburg Tool Co., Macksburg, Ohio.
MacLac Co., shellac, 9 Cliff, New York.
MacLagan, Peter T., architect, 552 Summer av, Newark, N. J.
MacLane, Edw., granite producer, 186 N. La Salle, Chicago, Ill.
MacLaren, Thomas, architects, Hagerman Bldg., Colorado Springs, Colo.
MacLean Box Factory, Buffalo, N. Y.
Maclean Building Co., 92 B'way, Detroit, Mich.
MacLean Construction Co., 76 W. Monroe, Chicago, Ill.
Maclean, J. S., store fixtures, Spring & Water, Columbus, Ohio.
MacLean & McCurdy, dumping carts, Dorchester, Boston, Mass.
Maclear Mfg. & Supply Co., mchsts. & fndrs., Denver, Colo.
Mac Leith, Walter D., architect, Am. Natl. Bk. Bldg., St. Paul, Minn.
MacLellan, H. G., rf. slate mfrs., 175 W. Jackson, Chicago, Ill.
MacLeod & Co., hemp & jute imptrs., 82 Beaver, New York.
Macleod Co., metallurgical furnaces & equipment, 2227 Bogen, Cincinnati, O. *See adv. index at end of book.*
MacLeod Mfg. Co., window cleaners, 412 Orleans, Chicago, Ill.
MacLeod & Smith, bldg. contrs., Duluth, Minn.
Maclure, A. J., architect, Lewis Bldg., Portland, Ore.
Macmurphy Co., fertilizer mfrs., Charleston, S. C.
MacMurray Steel Hoop Co., 4082 Princeton av, Chicago, Ill.
MacNab, John, Machy. Co., machy. dlrs., 90 West, New York.
MacNaughton & Raymond, architects, Concord Bldg., Portland, Ore.
MacNaughton & Robinson, architects, Paddock Bldg., Boston, Mass.
Macneal, Jas. B., & Co., varnish & color mfrs., Baltimore, Md.
Macneil & Macneil, architects, Union Trust Bldg., Washington, D. C.
MacNichol Packing Co., Eastport, Me.
Macomb, Henry A., architect, 214 S. 7th, Philadelphia, Pa.
Macomb Sewer Pipe Co., Macomb, Ill.
Macomber Bros. Co., brick, Toledo, Ohio.
Macomber, Geo. B. H., Co., contractors, 44 Bromfield, Boston, Mass.
Macomber, Hy. S., & Co., lubrg. oils, 150 Milk, Boston, Mass.
Macomber & Whyte Rope Co., wire & rope, Kenosha, Wis.
Macomber, Wm. K., architect, McKnight Bldg., Minneapolis, Minn.
Macon Brick Co., Macon, Ga.
Macon County Oil Co., Tuskegee, Ala.
Macon Fertilizer Works, Macon, Ga.
Macon Mattress Mfg. Co., Macon, Ga.
Macon Sewer Pipe Wks., fire bricks, 601-603 Georgia Casualty Bldg., Macon, Ga.
Macqueen, James M., Esq., archit., 217 Bank, Sewickley, Pa.
Macordi Fibre Co., bobbins, spools, Woonsocket, R. I.
MacPhee Bros., contractors, 1045 Bergen, Newark, N. J.
Macrae Bros., contractors, Seattle, Wash.
MacRae, Hector C., machinist. 216 St. Paul, Baltimore, Md.
MacRorie-McLaraen Co., 141 Powell, San Francisco, Cal.
Macropal, Harry, contractor, Manchester, N. H.
Mac-Sim-Bar Paper Co., Otsego, Mich.
MacTavish, Archibald, contractor, 1515 Pine, Philadelphia, Pa.
Macungie Brass & Mfg. Co., mchsts. & fndrs., Macungie, Pa.
MacWatly Belting Co., belting & packing, 7 Beverly, Providence, R. I.
Macwatty, D., & Co., mill & facty. supplies, 103 Chambers, N. Y. City.
Macy, Chas. W., Co., masons' & bldrs.' matls., Hudson, N. Y.
Macy, Frank R., cornices, Hudson, N. Y.
Macy, R. H., & Co., glass mosaic wk., B'way & 34th, N. Y. City.
Madarys Planing Mill, Fresno, Cal.
Madco Foundry & Machinery Co., castings mfrs., Phoenixville, Pa.
Madden Boiler Wks., Hollidaysburg, Pa.
Madden Bros. Co., mchsts. & fdrs., Rushville, Ind.
Madden & Gaskill, fndrs., Millville, N. J.
Madden, Jerry, Shingle Co., lumber, Rapid River, Mich.
Madden, John, & Co., advtg. signs, 718 Natonia, San Francisco, Cal.
Madden Lbr. Co., sash, door & blind mfrs., Troy, N. Y.
Madden & Morrison File Co., Middletown, N. Y.
Maddock & Co., steam fitters' supplies, 44 N. 6th, Phila., Pa.
Maddock, John, & Sons, potteries, Trenton, N. J.
Maddock Textile Co., cotton mops, Milford Centre, Ohio.
Maddock's, Thomas, Sons Co., potteries & plumbers' earthenware supplies, Trenton, N. J.
Maddox Fdry. & Mach. Co., Archer, Florida.
Maddox, J. M., architect, Gate City rd, Birmingham, Ala.
Maddox Machine Co., wood-working machinery, Jamestown, N. Y.
Madigan, G. Harry, architect, 243 Withers, Brooklyn, N. Y.
Madigan Lumber Co., Dunkirk, N. Y.
Madill Grain & Elevator Co., flour, Madill, Okla.
Madill Oil & Cotton Co., meal, Madill, Okla.
Madison Auto & Machine Co., Madison, Ga.
Madison Brass Wks., Madison, Wis.
Madison Brick Co., Madison, Ind.
Madison Construction Co., Anderson, Ind. & 212 Clay, Baltimore, Md.
Madison Fertilizer Co., Madison, Ga.
Madison Foundry Co., Cleveland, Ohio.
Madison Glue Mfg. Co., Inc., 97 Beekman, New York.
Madison Iron Wks., arch'l & ornamental, 449 E. 120th, New York City.
Madison-Jackson-Estill Lumber & Development Co., Panola, Ky.
Madison, Jas., sash, door & blind, New Palestine, Ind.
Madison-Kipp Lubricator Co., Madison, Wis.
Madison Machine Co., mchsts. & fdrs., Madison, Ind.
Madison Mfg. Co., milling cutters, Spring & Elton, Muskegon, Mich.
Madison Motors Corp., Anderson, Ind.
Madison Plow Co., Madison, Wis.
Madison Saddlery Co., Madison, Wis.
Madison Tent & Awning Co., Madison, Wis.
Madison Wheel Co., Madison, Ohio.
Madisonville Flouring Mills, Madisonville, Tenn.
Madisonville Milling Co., flour, Madisonville, Ky.
Madorie, Edgar P., architect, Reserve Bk. Bldg., Kansas City, Mo.
Madry, J. W., brick, Scotland Neck, N. C.
Madsen Bros., contractors, Plymouth Bldg., Minneapolis, Minn.
Madsen, M. C., brick, Hutchinson, Minn.
Madsen & Wistoft Constr. Co., Poughkeepsie, N. Y.
Madson, Christensan & Ingbretson, bldg. contrs., 379 31st, Milwaukee, Wis.
Maeglin, Gustave, brick, Muscatine, Ia.
Maehler, Paul, Co., cornices, 807 W. Lake, Chicago, Ill.
Maene, Edw., archl. modelers, 309 S. Lawrence, Phila., Pa.
Maenner & Davis, architects, Central Nat. Bk. Bldg., St. Louis, Mo.
Maer Knitting Mills, sweaters, cardigans, etc., 392 Broadway, New York.
Maerky, Emil, machsts., 218 Arch, Philadelphia, Pa.
Maes, Jacob, brick, Hoffmeister av E. of Mo. Pac. Tracks, St. Louis, Mo.
Maescher, Chas. V., & Co., contractors, 617 Hunt, Cincinnati, O.
Maescher & Co., meat packers, 1754 Central av, Cincinnati, O.
Maettig, Fredk., architect, 2812 North av, Milwaukee, Wis.
Mafreto Mach. & Tool Co., Worcester, Mass.
Magaril, Morris, mattresses, 19 Moore, Brooklyn, N. Y.
Magaziner & Potter, architects, 603 Chestnut, Philadelphia, Pa.
Magee, Alonzo H., radiator valves, 136 Beekman, New York.
Magee Bros., packing box, Janesville, Wis.
Magee Carpet Co., 230 Fifth av, New York.
Magee Furnace Co., 38 Union, Boston, & Chelsea, Mass.
Magee, Jno. A., Co., wholesale hardware, Clarion, Pa.
Magee, M., & Son, flag mfrs. & tents (cont., eac.), 147 Fulton, New York.
Magee Mfg. Co., brass & iron bedsteads, 1518 Tchoupt, New Orleans, La.
Magee & Richards, tailors' squares, 223 Grand, New York.
Magee Valve Co., radiator valves, 136 Beekman, New York.
Mager, C., ale & beer pumps, 314 W. 39th New York.
Mager & Newman Tinware Co., ash & garbage cans, stove pipe & elbow mfrs., 160 Monroe, New York.
Maggard, L. D., & Co., cross ties, Paintsville, Ky.
Maggs, Herbert B., architect, 125 Alpine ter., San Fran., Cal.
Magic-Keller Works, 1583 Washington, Louisville, Ky.
Magie Bros., lubrg. oils, 110 S. Clinton, Chicago, Ill.
Magie, E. E., Specialty Mfg. Co., 268 S. Water, Milwaukee, Wis.
Magill, J. R., canned goods, Bellingham, Wash.
Magill Hardware Co., Chattanooga, Tenn.
Magill, W., contractor, Beloit, Wis.
Maginn, Chas., stained glass window mfrs., 17 E. 14th, New York.
Maginn, P. F., & Co., htg. contrs., 1025 Forbes, Pittsburgh, Pa.
Maginnis & Walsh, architects, 30 E. 42d, New York, & 100 Boylston, Mass.
MaGirl, P. H., hot air furnaces, Bloomington, Ill.
Maglathlin, F. W., & Co., tacks, Kingston, Mass.

Magley Bros., machsts. & fndrs., Columbia City, Ind.
Magna Machine Co., tool posts, 626 Driggs av, Brooklyn, N. Y.
Magnesia Covering Co., 1927 Market, Phila., Pa.
Magness, R. L., & Co., canned goods, Emmorton, Md.
Magnet Cement & Dressing Co., glue mfrs., Primos, Pa.
Magneta Co., clocks, time recorders & stamps, 37 E. 28th, New York.
Magnetic Manufacturing Co., magnetic separators, 764 Windlake av, Milwaukee, Mis. *See adv index at end of book.*
Magnetic Separator Co., Troy, N. Y.
Magneto Parts Co., 1790 B'way, New York.
Magnetol Printing Ink Co., 461 8th av, New York.
Maganey, G. Renatus, archit., N. Y. Life Bldg., Minneapolis, Minn.
Magnolia Boiler Compound Co., 106 E. 2d, Cincinnati, Ohio.
Magnolia Cotton Mills Co., Magnolia, Miss.
Magnolia Cotton Oil Co., meal, Houston, Tex.
Magnolia Metal Co., babbitt metal mfrs., 113 Bank, New York. *See adv. index at end of book.*
Magnolia Petroleum Co., Galveston, Tex.
Magnus, A., sons Co., bottlers' machy. & supplies, 327 W. Randolph, Chicago, Ill.
Magnus, Andrew, crushed stone, Elgin, Ill.
Magnus Co., babbitt metal, Detroit, Mich.
Magnus Co., mchsts. & fndrs., 80 E. Jackson blvd, Chicago, Ill., & 111 B'way, New York.
Maganus Constr. Co., 294 Washington, Boston, Mass.
Magnus, Henry, cornices & skylights, Winona, Minn.
Magnus & Lauer, soda fountain, fruits & syrups, 139 Fremont, San Francisco, Cal.
Magnus, Mabee & Reynard, cocoanut oils, 257 Pearl, New York.
Magnus, Wm. J., mchsts., Webster, S. D.
Magnusson, Fred., architect, Marshfield, Ore.
Magonigle, H. Van Burne, architect, 101 Park av, New York.
Magoon, M. A., architect, Logan, Ohio.
Magor Car Corp., 30 Church, New York.
Magosy & Buscher, metal spinning, 118 Walker, New York.
Magruder, Benj. E., brick, tile, Winfield, Mo.
Magruder, W. P., masons' & bldrs.' matls., Hyattsville, Md.
Mague, Wm. H., architect, West Newton, Mass.
Maguire Bros. Co., second-hand barrels, 820 Girard av, New York.
Maguire, Chas. B., Co., contractors, Turks Head Bldg., Providence, R. I.
Maguire, Edward J., contractor, 1263 Atlantic av, Brooklyn, N. Y.
Maguire Rubber Co., belting, hose, packing, etc., 30 Church, New York.
Maguire, W. J., cornices & skylights, 46 Cornhill, Boston, Mass.
Maguire, Wm. G., fringes, silk upholstery, etc., Camden, N. J.
Mahaffey, David, architect, 118 N. La Salle, Chicago, Ill.
Mahaffy Bros., woolen flannels, Pulaski, N. Y.
Mahan & Broadwell, architects, 144 Madison av, Memphis, Tenn.
Mahan Co., stone producers, 2132 S. Kedzie av, Chicago, Ill.
Mahan, Frank H., contractor, Ardmore, Pa.
Mahan, Jas., machsts., Canastota, N. Y.
Mahanna, William, common brick, Lenox, Mass.
Mahar Bros. Slate Co., Fair Haven, Vt.
Mahar, M. A., masons' & bldrs.' matls., Greenville, Ohio.
Maher Bros., stone producers, 200 S. Hampton, Boston, Mass.
Maher Bros. Corp., masons' & bldrs.' matls., Greenwich, Conn.
Maher & Flockhart, founders, 60 Polk, Newark, N. J.
Maher, Frank W., contractor, 501 5th av, New York.
Maher, Geo. W., architect, 206 S. La Salle, Chicago, Ill .
Maher, J. J., lightning rods, Preston, Ia.
Maher, Jas. S., architect, 431 W. 14th, New York.
Maher & McNicholas, contractors, Kearny, N. J.
Maher, Patrick, mchsts. & fndrs., Jamestown, N. Y.
Maher, Philip, & Son, stone producers, Burmont, Pa.
Maher & Sprague, Inc., contrs., 185 Church, New Haven, Conn.
Maher, Thos. F., contractor, 883 Orange, New Haven, Conn.
Maher & Winchester, architects, 8 Beacon, Boston, Mass.
Maher's, Edw., Sons, mchsts. & fndrs., 216 Berlin, Newark, N. J.
Mahl, Herman, contractor, Hartford, Conn.
Mahle, C. A., & Son, Ltd., broom blocks, wood handles, Corry, Pa.
Mahler, Harry H., architect, 1600 W. Madison, Chicago, Ill.
Mahler, P., & Sons, brushes (steel, wire, etc.), 299 Pearl, New York.
Mahlke, R. H., mchsts. & fndrs., Wheeling, W. Va.
Mahlow & Wyckoff, rubbers, dies molds, Trenton, N. J.
Mahlstedt, J. A., Lumber & Coal Co., masons' & bldrs.' matls., New Rochelle, N. Y.
Mahnken Bldg. Material Co., Varick av, Brooklyn, N. Y.
Mahon, M. J. & C. M., canned goods, Ellendale, Del.
Mahon, R. C., Co., cornices & skylights, & sheet metal workers, St. Aubin & E. Grand blvd, Detroit, Mich.
Mahoney Bros., contractors, 114 Oxford, Boston, Mass.
Mahoney Bros., meat, Wallace, Idaho.
Mahoney & Coffey, contrs., 29 Weybosset, Providence, R. I.
Mahoney Construction Co., Portland, Me.
Mahoney, Daniel, & Sons, mill & facty. supplies, 17 Main, Buffalo, N. Y.
Mahoney, E. H., Chair Co., Gardner, Mass.
Mahoney Fountain Co., drinking fountains, 491 Fore, Portland, Me.
Mahoney, P. J., masons' & bldrs.' matls., Westfield, Mass.
Mahoney, Pat'k F., brass castings, 552 W. Lake, Chicago, Ill.
Mahoney Railroad Ditching Machine Co., Vincennes, Ind.
Mahoney & Swanson, contractors, Jamestown, N. Y.
Mahoney, Wm., Mattress Co., Walpole, Mass.
Mahoney, Wm. P., contractor, Harrison Bldg., Philadelphia, Pa.
Mahoning Foundry Co., Youngstown, Ohio.
Mahoning Fdry. & Mach. Co., Punxsutawney, Pa.
Mahoning Limestone Co., New Castle, Pa.
Mahoning Ore & Steel Co., Widener Bldg., Philadelphia, Pa.
Mahoning Steel Products Co., stamping works, Warren, Ohio.
Mahoning Valley Steel Co., Niles, Ohio.
Mahony Bros., cigar lighters, 140 W. Van Buren, Chicago, Ill.
Mahony Bros., contractors, Hobart Bldg., San Francisco, Cal., & 473 W. 153d, New York.
Mahony, Fred W., architect, 31 State, Boston, Mass.
Mahony Mfg. Co., mchsts & fndrs., Troy, N. Y.
Mahood, Alex B., architect, Bluefield, W. Va.
Mahr. Mfg. Co., forges, 715 15th av, N. E., Minneapolis, Minn.
Mahr Mfg. Co., oil furnaces, Minneapolis, Minn.
Mahurin & Mahurin, architects, Riegel Bldg., Fort Wayne, Ind.
Maibohm Motor Co., Racine, Wis.
Maiden, Wm. M., corn brooms, Muscatine, Ia.
Maier, Fred., & Sons, masons' & bldrs.' matls., Seneca Falls, N. Y.
Maier, Geo., & Bros., contrs., Bridgeton, N. J.
Maier, Henry A., architect, Coal Exch. Bldg., Wilkes-Barre, Pa.
Maier, Martin, & Co., trunk mfrs., 102 Wood av, Detroit, Mich.
Maier, Marx, Inc., cotton waste, 200 5th av, New York.
Maier, Sebastian, stone, St. Joseph, Mo.
Maier, Wm., machsts., 3408 N. 22d, St. Louis, Mo.
Maiers, G. F., machinist, Goleta, Cal.
Maier's, John G., Sons, lacquer mfrs., 153 N. Gay, Baltimore, Md.
Mail Wrapper Tube Co., 162 E. 118th, New York.
Mailander Co., show cases, fixtures, Waco, Tex.
Mailometer Co., machy., dies, gauges, etc., 1093 Jefferson av, Detroit, Mich.
Maimin, H., Co., mach., 251 W. 19th, New York.
Main Belting Co., 1219 Carpenter, Philadelphia, Pa.
Main Bros. Box & Lumber Co., Karnak, Ill.
Main, Chas. T., engineer, textile mills, industrial plant, steam and water power developments, 201 Devonshire, Boston, Mass.
Main Electric Co., Portland, Ore.
Main Elec. Mfg. Co., storage batteries, lighting plants, etc., 500 Aiken av, Pittsburgh, Pa.
Main, Lucius Clark, architect, Maplewood, N. J.
Main Paper Stock Co., Inc., cotton waste, 31 Peck Slip, New York.
Main Street Iron Works, 163 Main, San Francisco, Cal.
Main, Thos. B., archl. engineers, Stephen Girard Bldg., Philadelphia, Pa.
Maine Electric Co., Portland, Me.
Maine, H. A., & Co., contractors, Waterloo, Ia.
Maine Iron Works, centrifugal pumps, 2036 Dominick, Chicago, Ill.
Maine, Jas., & Sons Co., contractors, Des Moines, Ia.
Maine Machine works, 701 N. Main, Los Angeles, Cal.
Maine Mfg. Co., refrigerators & cooling rooms, Nashua, N. H.
Maine & N. H. Granite Corp., North Jay, Me.
Maine Screen Co., Fairfield, Me.
Mainstream Lumber Co., Gorham, N. H.
Maintenance Co., freight elev., 417 Canal, New York.
Mainzer, H. R., architect, 105 W. 40th, New York.
Maire Paint Co., 329 Boston block, Minneapolis, Minn.
Mairs, W. H., & Co., wall paper mfrs., 68 Sackett, Brooklyn, N. Y.
Mais Motor Truck Co., Indianapolis, Ind.
Maisey & Dion, lumber mfrs., 2349 Loomis, Chicago, Ill.
Maish, Chas. A., Co., packing pads, 1125 Bank, Cincinnati, O.
Maish Mfg. Co., mchsts. & fndrs., Warsaw, Ind.
Maitland, Robert, & Son, cornices & skylights, Clinton, Mass.
Majert, Emil, Co., transfer graining paper, 9 E. 37th, New York.
Majestic Co., mfrs. refuse cans, coal chutes, dumps, furnaces, etc., 610 Erie, Huntington, Ind.
Majestic Elec. Appliance Co., arc lamps, 5 E. 14th, New York.
Majestic Electric Development Co., heaters, O'Farrell, San Francisco, Cal.
Majestic Mfg. Co., mchsts. & fndrs., 2014 Morgan, St. Louis, Mo.
Majestic Milling Co., flour, Aurora, Mo.
Majestic Rubber Co., Akron, Ohio.
Major Bros. Packing Co., fertilizer mfrs., Mishawaka, Ind.
Major, Chas. M., architect, Portsmouth, Va.
Major, Howard, architect, 281 5th av, New York.
Major & Loomis Co., lumber, Hertford, N. C.
Major, M. E., Elec. Co., armatures, Wilkes-Barre, Pa.
Major Mfg. Co., cements & water coolers, 120 W. 31st, New York.
Major, R. H., & Co., lumber, Smithville, Mo.
Major, S. C., & Co., lumber, Memphis, Tenn.
Major Stave Co., cooperage stock, Ashdown, Ark.
Make, A., Motor Truck Co., 1508 Michigan av, Chicago, Ill.
Makel, John, contractor, Camden, N. J.
Makepeace, B. L., archs. instruments, 387 Washington, Boston, Mass.
Makepeace, C. R., & Co., mill engrs., 429 Butler Exch., Providence, R. I.

Makepeace & Makepeace, architects, Everson Bldg., Syracuse, N. Y.
Makepeace, Stanley, architect, David Whitney Bldg., Detroit, Mich.
Makin Heating Co., furnaces, 1827 Filbert, Phila., Pa.
Makley Bros., carriages, St. Mary's, O.
Makutchan Roller Bearing Co., machsts., Hobart, Ind., & McCormick Bldg., Chicago, Ill.
Malbin, Mayer, plumbers' supplies, jobbers, 303 E. 60th, New York.
Malbon, P. J., hdwe., 109 Commercial pl., Norfolk, Va.
Malcolm & Dyer Co., cornices & skylights, Augusta, Me.
Malcolm, J. B., & Co., canned goods, Marion, N. Y.
Malcolm, Thos., contractor, Hartford, Conn.
Malcolmson Briquet Engng. Co., Old Colony Bldg., Chicago, Ill.
Malcolmson & Higginbotham, architects, 404 Moffatt, Detroit, Mich.
Malcom, A. G., & Bro., lumber, Crawfordville, Ga.
Malcomb, B. H., & Bro., lumber, Fairplay, Ga.
Malden, C. C., & Mattress Co., Malden, Mass.
Malden City Lumber Co., masons' & bldrs.' matls., sash, door & blind mfrs., Malden, Mass.
Malden Knitting Mills, lamp wicks & sweaters, Malden, Mass.
Malecot, P. B., & Co., cornices, West Hoboken, N. J.
Males Co., steam shovels, 2226 Fulton av, Cincinnati, Ohio.
Maley & Kelly Contracting Co., Mass. Bldg., Kansas City, Mo.
Maley, R. S., masons' & bldrs.'s matls., Daytona, Fla.
Maley & Wertz, lbr. mfrs., Evansville & Vincennes, Ind.
Malin & Co., belt lacing, beaters, insulated wire, Cleveland, O.
Malin, S. L., & Son, lumber mfrs., Painesville, Ohio.
Malkin, A. R., & Co., contractors, Norwalk, Conn.
Mallander, Herman, contractor, Wilkes-Barre, Pa.
Mallary & Roper Co., mchsts & fndrs., boilers, Macon, Ga.
Malleable Iron Fittings Co., mchsts. & fndrs., Branford, Conn.
Malleable Iron Range Co., stove, Beaver Dam, Wis.
Malleable Iron Works, mchsts. & fndrs., New Britain, Conn.
Malleable Steel Range Mfg. Co., So. Bend, Ind.
Mallery, S. W., reducing wheels, 123 Liberty, New York.
Mallery, W. A., Jr., agricultural implements, Hillsdale, N. Y.
Mallett Contracting & Supply Co., Walker av & Kirk, New York.
Mallett, Geo. A., Co., landscape architects, 341 Fairfield av, Bridgeport, Conn.
Mallett & Nutt, fertilizer, Jackson, Ga.
Malley, Mary, brick, Haverstraw, N. Y.
Mallinckrodt Chemical Works, 3600 W. 2d, St. Louis, Mo.
Mallison Braided Cord Co., Athens, Ga.
Malloch, J. S., contractor, 110 Jessie, San Francisco, Cal.
Malone Paper Co., Malone, N. Y.
Mallory Bros. & Turner, turpentine, Fenholloway, Fla.
Mallory, C. M., ladders, Albion, N. Y.
Mallory Machy. Co., 522 Light, Baltimore, Md.
Mallory, W. A., & Bro., lumber, Sylvania, Ga.
Mallow & Kadditz, contrs., Watertown, Wis.
Malloy, D. C., & Co., turpentine, Hahira, Ga.
Malloy & Miller, turpentine, Haines City, Fla.
Malloy, Smith & Co., turpentine, Hampton Springs, Fla.
Malm, C. A., & Co., trunks, 2199 Folsom, San Francisco, Cal.
Malm Machine Co., rotary punch press, 26 N. Canal, Dayton, O.
Malmer, Eugene, architect, 73 Fox, Aurora, Ill.
Malmgren, K. G., archit., 709 Summer av, Spokane, Wash.
Malmsten, Theo. E., advtg. spec., 3517 North av, Strass Bldg., Milwaukee, Wis.
Malnati, A., & Co., granite, S. Quincy, Mass.
Malnati Bros., granite, Barre, Vt.
Malone, Bernard, contractor, 163 Corey rd, Boston, Mass.
Malone Bros., carriages. Cadiz, Ky.
Malone Excelsior Co., Malone, N. Y.
Malone Hardware Co., Malone, N. Y.
Malone Oil Co., 2197 E. 18th, Cleveland, Ohio.
Malone Stone Co., Garfield Bldg., Cleveland, Ohio.
Malone, Watson, & Sons, lumber, Laurel St. Wharf, Phila., Pa.
Maloney, J. A., & Co., lbr. mfrs. & wholesale dlrs., 16 Beaver, New York.
Maloney, John, stone producers, Skykomish, Wash.
Maloney, Michael, contractor, Springfield, Mass.
Maloney Oil & Mfg. Co., masons' & bldrs.' matls., Scranton, Pa.
Maloney, T. J., scrap iron & steel, A. V. R. R. & 29th, Phila., Pa.
Maloney Tank Mfg. Co., Tulsa, Okla.
Maloney, Wm. S., steam htg. contrs., 4632 Olive, St. Louis, Mo.
Malott & Peterson, Inc., contrs., 1049 Monadnock Bldg., San Francisco, Cal.
Malpass Bros., mchsts. & fndrs., East Jordan, Mich.
Malsby Co., mill & factory supplies, Atlanta, Ga.
Malta Mfg. Co., sashes, doors & blinds, Malta, Ohio.
Maltby, Geo. W., & Sons Co., contractors, 21 Maryland, Buffalo, N. Y.
Maltby Prism Co., cornices & skylights, Flatiron Bldg., New York.
Maltby, W. H., & Sons, masons' & bldrs.' matls., Corning, N. Y.
Malthiessen & Hegeler Zinc Co., spelter & zinc, La Salle, Ill.
Malvern Fire Clay Co., Malvern, O.
Malvern Lumber Co., Chemical Bldg., St. Louis, Mo.
Malz, Herman, glass stainers, 19 E. 14th, New York.
Mamer Bros., common brick, Campus, Ill.
Mammele, C. C., & Son, meat packers, Wilmington, Del.
Mammoth Spring Milling Co., Mammoth Spring, Ark.
Mamolith Carbon Paint Co., 2d & Main, Cincinnati, Ohio.
Mampoteng, Fred., architect, 103 Park av, New York.
Manahan Bros. Heating Co., Town of Union, N. J.
Manahan, Edwin F., architect, North Bergen, N. J.
Manahan Moth Paper Co., moth proof bags, 370 Pearl, New York.
Manashaw, Chas. C., fringes (silk upholstery, etc.), 131 W. 31st, New York.
Manatee Fuller's Earth Corp., 141 Broadway, New York.
Manayunk Coal & Lime Co., masons' & bldrs.' mtls., Main & Umbria, Philadelphia, Pa.
Manbeck, W. H., & Co., masons' & bldrs.' matls., Mifflin, Pa.
Manchester, Albert C., Co., contractors, 136 Dorrance, Providence, R. I.
Manchester Board & Paper Co., Richmond, Va.
Manchester, C. B., Gas Furnace Co., 60 Friendship, Providence, R. I.
Manchester & Co., tubular boilers, 3108 Smallman, Pittsburgh, Pa.
Manchester Cotton Mills, cotton sheetings, La Grange, Ga.
Manchester Cotton Mills, Manchester, Ga.
Manchester Cotton Mills, tickings, Rock Hill, S. C.
Manchester, E., & Sons, fertilizer mfrs., Winsted, Conn.
Manchester, Geo. L., Co., mill & factory supplies, Easthampton, Mass.
Manchester Hardware Co., Manchester, N. H.
Manchester & Hudson Co., masons' & bldrs.' matls., 55 Point, Providence, R. I.
Manchester, J. B., Co., coppersmiths, 190 Eddy, Providence, R. I.
Manchester Mfg. Co., cotton twine, Macon, Ga.
Manchester Mfg. Co., mchsts. & fndrs., North Manchester, Ind.
Manchester Mfg. Co., rims & felloes, Manchester, Tenn.
Manchester Mill & Elevator Co., flour, Manchester, Okla.
Manchester Mills, flour, Richmond, Va.
Manchester Real Estate & Mfg. Co., brick, Manchester, N. H.
Manchester Supply Co., plumbers, mill & factory supplies, jobbers, Manchester, N. H.
Mandalian Mfg. Co., bags, mesh, North Attleboro, Mass.
Mandel, A. J., gloves & mittens, 1220 W. 6th, Cleveland, O.
Mandel Bros., contractors, 1109 Plymouth av, Minneapolis, Minn.
Mandel Mfg. Co., talking machines, 501 Laflin, Chicago, Ill.
Mandeville Co., contractors, Wilkes-Barre, Pa.
Mandeville Mills, fertilizer, Carrollton, Ga.
Mandt Wagon Co., Stoughton, Wis.
Manee Novelty & Metal Co., Walden, Mass.
Maneely, John, mill & factory & steam fitters' supplies, 300 Arch, Philadelphia, Pa.
Manegold, A. F. & L., stone, 47th & State, Milwaukee, Wis.
Manegold Contr. Co., Navarre Bldg., St. Louis, Mo.
Manehan, F. T., landscape architect, 12 Fairview av, Spokane, Wash.
Manor, J. D., & Co., flour mills, New Market, Va.
Manetta Mills, blankets, flannels—cotton, Lando, S. C.
Maney Bros., contractors, Oklahoma, Okla.
Maney, M. J., wooden baskets and basket handles, Geneva, N. Y.
Maney, Maurice H., architect, 50 Bromfield, Boston, Mass.
Maney Milling Co., flour, Omaha, Neb.
Mang, G. A., architect, Erie Co. Bk. Bldg., Buffalo, N. Y.
Manganese Steel Safe Co., machsts., High Bridge, N. J.
Mangels, Wm. F., Co., miniature organs, r'ys., etc., 2863 W. 8th, Brooklyn, N. Y.
Manger, E. C., & Son Co., coffins, caskets, etc., Green Bay, Wis.
Mangin, Thos. F., architect, 332 S. Salina, Syracuse, N. Y.
Mangini, Nicholas, contractor, Yonkers, N. Y.
Mangold Stave & Cooperage Co., wooden kegs, Weber rd & Grand av, St. Louis, Mo.
Mangrum & Otter, cooking apparatus, 561 Mission, San Francisco, Cal.
Mangrum & Otter Co., cornices & skylights, San Jose, Cal.
Mangum Cotton Oil Co., Mangum, Okla.
Mangum Milling Co., flour, Mangum, Okla.
Mangum Pressed Brick Co., Mangum, Okla.
Mangus, C. B., & S. D., canned goods, Vesuvius, Va.
Manhard, M. R., & Son, mill & facty. supplies—whol. hdwe., Marquette, Mich.
Manhasset Mfg. Co., tire fabrics, Putnam, Conn.
Manhattan Auto Parts & Lamp Wks. Co., 162 W. 56th, New York.
Manhattan Bedding Co., Anable av, L. I. City, N. Y.
Manhattan Belting Co., 329 Lafayette, New York.
Manhattan Box Co., pack'g box mfrs., 410 E. 32d, New York.
Manhattan Brass Co., 332 E. 28th, New York.
Manhattan Briar Pipe Co., 425 Greenpoint av, Brooklyn, N. Y.
Manhattan Brush Co., brooms (bamboo, rattan, etc.), 629 E. 16th, New York.
Manhattan College, engng. school & coll., 131st & B'way, New York.
Manhattan Color Wks., paint, kalsomine & size mfrs., etc., 1035 Kelly, New York.
Manhattan Constr. Co., 1328 B'way, New York, & Muskogee, Okla.
Manhattan Contracting Co., Seattle, Wash.
Manhattan Dental Co., imitation platinum, & non-fus'g platinoid, Times Bldg., New York.
Manhattan Dial Mfg., Co., 40 Lex. av, Brooklyn, N. Y.
Manhattan Distributing Corp., elec. portables, Chicago, Ill.

Manhattan Drug Co., cuttlefish bone, 50 Warren, New York.
Manhattan Elec'l Supply Co., mfrs. electrical goods, 17 Park pl, New York. *See adv. index at end of book.*
Manhattan Fire Alarm Co., 44 E. 23rd, New York.
Manhattan Gas Htg. Co., stoves, htrs. & ranges, 909 7th av, New York.
Manhattan Hickory Broom Co., 171 3d av, New York.
Manhattan Iron & Steel Sales Co., 122 E. 132d, New York.
Manhattan Lime Co., 1325 37th, Brooklyn, N. Y.
Manhattan Lumber Co., 8338 Coml. av, Chicago, Ill.
Manhattan Machine & Tool Works, Grand Rapids, Mich.
Manhattan Machy. Exchange, 30 Church, New York.
Manhattan Metallic Casket Co., 2426 1st av, New York.
Manhattan Paint Co., 1348 W. 70th, Cleveland, Ohio.
Manhattan Pearl Button Mfg. Co., 195 Park pl, L. I. City, N. Y.
Manhattan Perfected Ventilator Co., 11 Baxter, New York.
Manhattan Perforated Metal Co., 237 Centre, New York.
Manhattan Repair & Supply Co., machsts., 108 Lawrence, New York.
Manhattan Roll Label Co., 31 Beekman, New York.
Manhattan Roofing Co., cornices & skylights, 133 E. 118th, New York.
Manhattan Rubber Mfg. Co., Passaic, N. J.
Manhattan Shoe Polish Co., 367 Hamilton av, B'klyn, N. Y.
Manhattan Soap Co., 426 W. 38th, New York.
Manhattan Spring Bed Co., 9 Elizabeth, New York.
Manhattan Straw Board Co., B'way & 42d, New York.
Manhattan Trunk Box Factory, 505 E. 18th, New York.
Manhattan Washboard Co., 323 Pearl, New York.
Manhattan Wood Nov. Co., jewelry cases, 40 Fulton, New York.
Manhattan Wood Working Co., sash, door & blind mfrs., 281 Rider av, New York.
Manheim Mfg. & Belting Co., belting mfrs., Manheim, Pa.
Manheim Milling Co., flour, Manheim, Pa.
Manheimer, J., essential oils, 28 Gold, New York.
Manick Hdwe. Co., whol., 160 Lafayette, New York.
Manicure Nov. Mfg. Co., 49 E. 21st, New York.
Manierre Engng. & Mach. Co., Colby-Abbott Bldg., Milwaukee, Wis.
Manifold, J. H. C., masons' & bldrs.' matls., Dillonville, Ohio.
Manifold Supplies Co., carbon paper & typewriter ribbons, 188 3d av, Brooklyn, N. Y.
Manion & Co., plumbers' supplies—jobbers, 618 Baronne, New Orleans, La.
Manistee Iron Works Co., machsts. & fndrs., Manistee, Mich.
Manistique Lumbering Co., Ford Bldg., Detroit, Mich.
Manitowoc Boiler Works Co., locomotive, marine return tubular & tubular boilers, Manitowoc, Wis.
Manitowoc Bldg. Supply Co., sash, door & blind mfrs., Manitowoc, Wis.
Manitowoc Church Furniture Co., Waukesha, Wis.
Manitowoc Clay Products Co., Manitowoc, Wis.
Manitowoc Electric Implement Co., vibrators—foundry, Manitowoc, Wis.
Manitowoc Engng. Works, digestors, dryers, heavy tanks, heavy plate fabricators, Manitowoc, Wis.
Manitowoc Fdry. & Mach. Co., Manitowoc, Wis.
Manitowoc Land & Fuel Co., masons' & bldrs.' matls., Manitowoc, Wis.
Manitowoc Ship Building Co., steel ship builders, Manitowoc, Wis.
Mankato Mfg. Co., steam & hot water contrs., Mankato, Minn.
Manke, B. C., Sheet Metal Wks., cornices & skylights, Seattle, Wash.
Mankoff, L. G., boxes, Verden, Okla.
Manley, A. H., sashes, doors & blinds, Enosburg Falls, Vt.
Manley Carriage Co., 1319 N. 9th, St. Louis, Mo.
Manley, F. J., architect, Lexington, Ky.
Manley-Moore Lumber Co., Tacoma, Wash.
Manley & Sons, lumber mfrs., Bellingham, Wash.
Manley & Young, architects, Knoxville, Tenn.
Manly Jail Works, Dalton, Ga.
Mann Bros., contractors, 1002 5th av S, Birmingham, Ala.
Mann Bros., scrap iron, Norristown, Pa.
Mann Bros. Co., linseed oil, etc., 340 Ohio, Buffalo, N. Y.
Mann, Chas. A., engine lathes, watchmakers' tools, etc., 166 Doyle av, Providence, R. I.
Mann & Cook, architects, Dun Bldg., Buffalo, N. Y.
Mann Corp., portable hoists, 72 West Adams, Chicago, Ill.
Mann Edge Tool Co., machsts., Lewistown, Pa.
Mann, F. R., & Son, plate glass, 437 St. Peter, St. Paul, Minn.
Mann, F. W., Co., agricultural implements, Milford, Mass.
Mann, Fred'k. M., architect, McKnight Bldg., Minneapolis, Minn.
Mann & Garanflo Land & Lumber Co., New Madrid, Mo.
Mann, Geo., stone producers, Columbia av & B. & O. R. R., Baltimore, Md.
Mann, George R., architect, Little Rock, Ark.
Mann & Gerow, architects, Hutchinson, Kans.
Mann, H. D., Co., disinfectants, 124 N. Warren, Syracuse, N. Y.
Mann, Herbert R., pads & tablets, Troy, N. Y.
Mann & Hunter Lbr. Co., 834 S. Salina, Syracuse, N. Y.
Mann, Jas. H., Co., machsts., Lewistown, Pa.
Mann, Joseph, fertilizer, Stockbridge, Ga.
Mann, Lewis M., & Son, wood handles, West Paris, Me.
Mann-McCann Co., cars, rattlers, smoke jacks, etc., 305 S. La Salle, Chicago, Ill.
Mann & MacNeille, architects, 70 E. 45th, New York.
Mann & Pinault, architects, St. Cloud, Minn.
Mann, V., fringes (silk, upholstery, etc.), 484 6th av, New York.
Mann, Wm., Co., paper & pulp mills, 529 Market, Phila., Pa.
Mann, Wm. G., archit., 402 Boston Blk., Seattle, Wash.
Mann, Wm. D., architect, Ashland blk, Austin Sta., Chicago, Ill.
Mannan-Smith Supply Co., masons' & bldrs.' matls., St. Joseph, Mo.
Manne, L., Upholstering & Carpet Cleaning Co., mattresses, St. Louis, Mo.
Mannen, John E., Co., cornices, dust collectors, furnaces, etc., 2247 St. Clair, Cleveland, Ohio.
Manning-Bowman & Co., machsts. & fdrs.—elec. cooking app., plated silver ware, etc., Pratt, Meriden, Conn.
Manning, Chas. W., lbr. mfrs. & wholesale dlrs., 66 Broad, New York.
Manning, Harry J., architect, Majestic Bldg., Denver, Col.
Manning, Jas. C., contractor, Plainfield, N. J.
Manning, Jas. E., contractor, 26 Beacon Hill av, Lynn, Mass.
Manning, John A., Paper Co., Troy, N. Y.
Manning, L. H., Co., contractors, Tuscon, Ariz.
Manning, L. L., & Son, stone producers, Plainfield, N. J.
Manning Mfg. Co., dairy app., Rutland, Vt.
Manning, Maxwell & Moore, mill & facty. supplies, 119 W. 40th, New York.
Manning Oil Mill, meal, fertz. mfrs., Manning, S. C.
Manning Sand Paper Co., Troy, N. Y.
Manning Trunk Mfg. Co., Fort Worth, Texas.
Manning, Warren H., landscape archt., Tremont Bldg., Boston, Mass.
Mannington Window Glass Co., Mannington, W. Va.
Mannix Bros., stone, Portland, Me.
Mannix, Jas., contractor, 25 Gilchrist, Jersey City, N. J.
Mannix, Patrick W., granite, W. Quincy, Quincy, Mass.
Manny, Anthony, & Co., stone producers, Hankins, N. Y.
Manny, Edmund A., architects, De Menil Bldg., St. Louis, Mo.
Manogue, Edw. Co., cornices, Troy, N. Y.
Manor, Jos. J., contractor, 1317 Ewing, Toledo, Ohio.
Manown Mfg. Co., fire brick, Oliver Bldg., Pittsburgh, Pa.
Manross, F. N., & Sons, clock hairsprings, Forestville, Conn.
Mans, Nicholas A., masons' & bldrs.' matls., Trenton, Mich.
Mansel, Jas., lumber, Williamsport, Pa.
Mansel & Metzger, lumber, Williamsport, Pa.
Mansell-Hunt-Catty & Co., paper cups, 22 Reade, New York.
Mansfield Brass Foundry, Mansfield, Ohio.
Mansfield & Co., glass signs & ceilings, 229 West, New York.
Mansfield, Edw., & Co., machsts. & fndrs., Orono, Me.
Mansfield Electric Hardware Co., Mansfield, Ohio.
Mansfield Engineering Co., cor. E. Market & Penn, Indianapolis, Ind.
Mansfield Fndry. Co., grey iron castings, Mansfield, Mass.
Mansfield, Fred C., Co., canned goods, Johnson Creek, Wis.
Mansfield Furnace & Coal Co., machsts. & fndrs., Mansfield, Mass.
Mansfield, G. H., & Co., fish line, Canton, Mass.
Mansfield, Geo. W., architect, 906 Main, Richmond, Ind.
Mansfield Hardwood Lumber Co., Winnfield, La.
Mansfield, Jos. W., knitted gloves, 1527 Ridge av, Phila., Pa.
Mansfield Lock Washer Co., Mansfield, Ohio.
See adv index at end of book.
Mansfield Lumber Co., Mansfield, Ohio.
Mansfield Lumber & Constr. Co., Mansfield, Ga.
Mansfield Lbr. Yards, Mansfield, La.
Mansfield Novelty Co., toys, Mansfield, Pa.
Mansfield Packing Co., canned goods, Jonesport, Me.
Mansfield Pattern Works, Mansfield, Ohio.
Mansfield Piano Co., Willow av. & E. 135th, New York
Mansfield, R., & Son, store & bar fix., Louisville, Ky.
Mansfield Sheet & Tin Plate Co., Mansfield, Ohio.
Mansfield Specialty & Machine Co., Mansfield, Ohio.
Mansfield Tire & Rubber Co., Mansfield, Ohio.
Manson Bldg. Materials Co., 44 Bromfield, Boston, Mass.
Manson-Campbell Co., incubators, Campbell & Leavitt, Detroit, Mich.
Manson Campbell & Sons Co., fanning mills, Kansas City, Mo.
Manson Co., contractors, The Arcade, Cleveland, Ohio.
Manson Hdwe. Co., Burlington, Vt.
Mansur, Wilfred E., architect, Bangor, Me.
Mansure, E. L., Co., fringes, 185 N. Michigan av, Chicago, Ill.
Mantapike Canning Co., Mantapike, Va.
Mante, J., & Sons, jigs & fixtures, Buffalo, N. Y.
Manteca Canning Co., Manteca, Cal.
Manteno Brick & Tile Co., Manteno, Ill.
Manthey Mfg. Co., steel tanks, Milwaukee, Wis.
Manticoke Constr. Co., Manticoke, Pa.
Mantik Packing Co., canned goods, 249 S. 7th, Baltimore, Md.
Mantle & Co., machsts., 1907 Park av, New York.
Mantle Lamp Co. of America, gas mantles, etc., 168-72 N. Halstead, Chicago, Ill.
Mantle Machy. & Patents Co., 150 Lafayette, New York.
Manton, John, tubular boilers, ft. of Court, Brooklyn, N. Y.
Mantorville Stone Co., Mantorville, Minn.
Mantz, M. A., architect, 234 Spicer, Akron, Ohio.
Manufactured Rubber Co., Penna Bldg., Philadelphia, Pa.
Manufacturers' Belt Hook Co., 1321 W. Congress, Chicago, Ill.
Manufacturers' Broom & Brush Co., Memphis, Tenn.
Manufacturers' Brush Co., 1958 W. 45th, Cleveland, Ohio.
Manufacturers' Can Co., 501 1st, Newark, N. J.
Manufacturers' Charcoal Co., Bradford, Pa.

Manufacturers' Contracting Co., Law Bldg., Wilmington, Del.
Manufacturers' Distributing Co., plumbers' supplies, 325 Penn av, Pittsburg, Pa.
Manufacturers' Equipment Co., brick & clay dryers, Dayton, O.
Manufacturers' Equipment Co., tools, 175 N. Jefferson, Chicago, Ill.
Manufacturers' Fdry. Co., 15th & Oklahoma av, Milwaukee, Wis., & Sinking Spring, Pa., & Waterbury, Conn.
Manufacturers' & Inventors' Elec. Co., models & experimental wk., batteries, etc., 29 Gold, New York.
Manufacturers' Iron Fdry, Bridgeport, Conn.
Manufacturers' Iron & Steel Co., horseshoes & calks, 149 Broadway, New York.
Manufacturers' Oil & Grease Co., Century Bldg., Cleveland, O.
Manufacturers' Paraffine Co., oils, Chester, Pa.
Manufacturers' Production Co., screw mach. products, Dayton, Ohio.
Manufacturers Record, business publication, Baltimore, Md.
See adv index at end of book.
Manufacturers' Selling Co., mill & facty supplies, Trenton, N. J.
Manufacturers' Supplies Co., mill & facty. supplies, Juniper & Cherry, Philadelphia, Pa.
Manufacturers' Supply Co., mill & facty supplies, 2323 Univ. av, S. E., Minneapolis, Minn., & New Bedford, Mass.
Manufacturing Equipment & Engineering Co., steel factory equipment mfrs., 136 Federal, Boston, Mass.
Manufacturing Jeweler, trade publication, 42 Weybosset, Providence, R. I.
Manville Co., cotton sheeting, Board of Trade Bldg., Providence, R. I.
Manville, E. J., Machine Co., Waterbury, Conn.
Manville, J. A., pianos, Grand Rapids, Mich.
Manwell, J. W., heating contr., East Downington, Pa.
Manweiler, A. C., Co., Inc., lamps, Ft. Wayne, Ind.
Manwell, F. P., & Co., packing box mfrs., 190 A, Boston, Mass.
Manz, Jos., stone, 1609 Clark, Milwaukee, Wis.
Manzel Bros. Co., lubricators, 315 Babcock, Buffalo, N. Y.
Manzel, Chas. W., Mfg. Co., oilers, 89-93 Main, Buffalo, N. Y.
Manzelmann, Chas., corn brooms. 741 Bellevue, Detroit, Mich.
Mapes, E. B., & Co., machsts., South Haven, Mich.
Mapes Formula & Peruvian Guano Co., fertilizer mfrs., 143 Liberty, New York.
Maphet & Shea Lbr. Co., Knoxville, Tenn.
Maple City Foundry & Furnace Co., Monmouth, Ill.
Maple City Glass Co., Honesdale, Pa.
Maple City Mfg. Co., oil cans, miners' lamps, Monmouth, Ill.
Maple Flooring Mfrs. Ass'n, Stock Exchange Bldg., Chicago, Ill.
Maplecroft Mills, cotton sheetings, Liberty, S. C.
Maples Lumber Co., Knoxville, Tenn.
Maplewood Mills, absorbent cotton mfrs., Fall River, Mass.
Maplewood Planing Mill & Stair Co., sash, door & blind mfrs., 2718 Sutton av, St. Louis, Mo.
Mar, Jno. E., & Son, ship bldrs., West Haven, Conn.
Mara, P. J., contractor, Flushing, N. Y.
Marask, Chas., steam htg. contrs., Ozone Park, N. Y.
Marathon Granite Co., Wausau, Wis.
Marathon Lumber Co., Wausan, Wis.
Marathon Motor Car Co., machsts. & fndrs., Nashville, Tenn.
Marathon Paper Mills Co., Rothschild, Wis.
Marathon Theatre Stores Co., transformers, Wausan, Wis.
Marathon Tire & Rubber Co., Cuyahoga Falls, Ohio.
Maravigli, John, & Co., granite, Quincy, Mass.
Marble Arms & Mfg. Co., machsts. & fndrs., Gladstone, Mich.
Marble, B. L., Chair Co., Bedford, Ohio.
Marble Card Elec. Co., dynamos, motors & generators, Gladstone, Mich.
Marble Cliff Quarries Co., Hartman Bldg., Columbus, Ohio.
Marble, E. W., & Co., tex. machy. (shuttle irons), Wilkinsonville, Mass.
Marble, J. Russell & Co., mill & facty. supplies & chemicals, Worcester, Mass.
Marble Safety Axe Co., Gladstone, Mich.
Marble & Shattuck Chair Co., 96 Foster, Cleveland, Ohio.
Marble, W. A., & Co., canned goods, West Farmington, Me.
Marble, W. P., Co., valve wheels, 15 Chardon, Boston, Mass.
Marblehead Lime Co., 159 N. State, Chicago, Ill.
Marblehead Mfg. Co., glue, Marblehead, Mass.
Marbleoid Co., tile, pipe joint compounds, cements, etc., 47 W. 34th, New York.
Marbleized Sanitary Flooring Co., New Haven, Conn.
Marburg Bros., gas igniters, lamps, spark plugs, etc., 90 West, New York.
Marcellus, Geo. A., masons' & bldrs.' matls.—contr., Oneida, N. Y.
Marcellus Paper Co., Syracuse, N. Y.
March, A. H., Packing Co., meat, Bridgeport, Pa.
March-Brownbach Stove Co., Pottstown, Pa.
March-Tenny Co., drinking fountains, Muskegon, Mich.
Marchant Calculating Machine Co., adding machs., Oakland, Cal.
Marchant, Geo. F., Co., machsts., 1420 S. Rockwell, Chicago, Ill.
Marchant, Wm. T., architect, 36 Pearl, Hartford, Conn.
Marchetti, J. E., architect, 736 Main, Hartford, Conn.
March's, I. F., Sons, masons' & bldrs.' matls., Bridgeport, Pa.
Marcil & Smith, machsts., Springfield, Mass.
Marco Mills, cereals, Pine Bluff, Ark.
Marconi Wireless Telegraph Co., elec. condensers, Woolworth Bldg., New York
Marcott, O. J., & Son, lbr., Randolph, Vt.
Marcum, S. M., & Bro., flour mills, Sulphur Well, Ky.
Marcus, Bertram N., architect, 347 5th av, New York.
Marcus Bros., glass stainers, 866 N. 10th, Phila., Pa.
Marcus Bros., ground connection clamps, 135 Pearl, Boston, Mass.
Marcus, Harris & Sons Co., insulator pins & brackets, Muscoda, Wis.
Marcus, Harry, Iron Wks., 237 Van Sinderen av, B'klyn, N. Y.
Marcus, J. L., wood handles, Round Hill, Va.
Marcus, M., Bldg. Co., 2023 Reading rd, Cincinnati, Ohio.
Marcuson, E., flashlight, etc., 136 Liberty, New York.
Marcussen, Marius, contractor, 201 Sansome, San Fran., Cal.
Marcy, Geo. L., architect, Dorranceton, Pa.
Marcy Stove Repairing Co., machsts. & fndrs., 340 Grove, Jersey City, N. J.
Marcy Tool Wks., Putnam, Conn.
Marden, Orth & Hastings Co., chemicals, dyes & oils mfrs., 61 B'way, New York.
Marden, P. L., & Bro., contrs., Oshkosh, Wis.
Mardis, J. C., Co., contractors, Des Moines, Ia. & Brandeis Theatre Bldg., Omaha, Neb.
Marean & Norton, architects, Ch. of Com. Bldg., Denver, Colo.
Marengo Canning Co., Marengo, Ind.
Marengo Foundry & Machine Co., Marengo, Ill.
Marentette, J. E., contractor, 137 W. Larned, Detroit, Mich.
Maresh, Wm., cornices, Iowa City, Ia.
Maret & Kauger, cornices, Paducah, Ky.
Maretll, Jos., granite prod., Barre, Vt.
Marett, F. J., architect, 805 Dennis av, Houston, Tex.
Margerison, W. H., & A. E. & Co., towels, Jasper & Huntington, Phila., Pa.
Margerum, H. W., cornices, Princeton, N. J.
Margon, Irving, architect, 370 E. 149th, New York.
Margraff Mfg. Co., machsts. & fndrs., Augusta, Ky.
Marianna Mfg. Co., cottonseed meal, Marianna, Fla.
Marianna Spoke Co., Marianna, Ark.
Marie, Louis E., archit., The Powelton, Philadelphia, Pa.
Marienthal Co., glue, 1709 John, Cincinnati, Ohio.
Marienthal, Oscar B., architect, 4630 Prairie av, Chicago, Ill.
Marietta Bone & Phosphate Co., Marietta, Ohio.
Marietta Casting Co., Marietta, Pa.
Marietta Chair Co., Marietta, Ohio.
Marietta Fertilizer Co., Atlanta, Ga.
Marietta Hollow Ware & Enameling Co., machsts. & fndrs., Marietta, Pa.
Marietta Mfg. Co., glass, Indianapolis, Ind.
Marietta Paint & Color Co., Marietta, Ohio.
Marietta Rustic Co., gas logs, Williamstown, W. Va.
Marietta Stone Co., Marietta, Ohio.
Marietta Torpedo Co., Marietta, Ohio.
Marine, Arlando, stone producers, wkrs. & dlrs., 5 E. 42d, New York.
Marine Electrical Co., Lorain, Ohio.
Marine Engine & Boiler Co., Philpot & Point, Baltimore, Md.
Marine Hardware Co., Peabody, Mass. & San Pedro, Cal.
Marine Hdwe. Equipt. Co., So. Portland, Me.
Marine Insulated Wire & Rubber Co., Marion, Ind.
Marine Iron & Shipbldg. Wks., Duluth, Minn.
Marine Iron Wks., machy., 2036 Dominick, Chicago, Ill.
Marine Mfg. & Supply Co., machsts. & fndrs., 35 Water, Pittsburgh, Pa.
Marine Mfg. & Supply Co., mill & facty. supplies—machsts. & fndrs., 158 South, New York.
Marine Metal & Supply Co., second-hand pipe, 100 Horatio, New York.
Mariner, Frank W., contractor, Youngstown, Ohio.
Mariner, Guy C., architects, Chemical Bldg., St. Louis, Mo.
Mariner & Hoskins, chemists, 111 W. Monroe, Chicago, Ill.
Marinette Flour Mill Co., Marinette, Wis.
Marinette-Green Bay Mfg. Co., excelsior, Marinette, Wis.
Marinette Iron Works, machsts. & fndrs., Marinette, Wis.
Marinette Knitting Mills, sweaters, cardigans, etc., Marinette, Wis.
Marinette & Menominee Box Co., Marinette, Wis.
Marinette & Menominee Paper Co., Marinette, Wis.
Maring, H., Const. Co., South Norwalk, Conn.
Maring, Hart & Co., bottles, jars, Dunkirk, Ind.
Maring, Herman, architect, South Norwalk, Conn.
Marion Brick Wks., Montezuma, Ind.
Marion Cotton Oil Co., meal, Marion, S. C.
Marion County Construction Co., 1600 S. West, Indianapolis, Ind.
Marion County Lbr. Corp., Marion, S. C.
Marion Extract Co., tanning, Marion, Va.
Marion Flint Glass Co., bottles, Marion, Ind.
Marion Fdry. & Machine Works, Marion, Va.
Marion Fruit & Produce Co., fertilizer mfrs., Marion, Va.
Marion Grey Iron Fdry. Co., Marion, Ind.
Marion Guano Co., fertilizer mfrs., Marion, S. C.
Marion Handle & Mfg. Co., farm tool handles, Marion, Ind.
Marion Hardware Co., Marion, Ind. & Ocala, Fla.
Marion Insulated Wire & Rubber Mfrg. Co., tape (ins.), Marion, Ind.
Marion Iron Works, Marion, S. C.
Marion Lbr. Co., Marion, Ind.

Marion Mach. Fdry. & Supply Co., Bartlesville, Okla. & Marion, Ind.
Marion Malleable Iron Wks., 2300 W. 9th, Marion, Ind.
Marion Mattress Co., Marion, Ind.
Marion Milling Co., flour, Marion, Ky.
Marion Paper Box Co., Marion, Ind.
Marion Paper Co., jute board, box board mfrs., Marion, Ind.
Marion Steam Shovel Co., P. O. Box 505, Marion, Ohio.
Marion Stove Co., Marion, Ind.
Marion Tire & Rubber Co., Marion, Ohio.
Marionville Canning Co., Marionville, Mo.
Maris Bros., cranes & hoists, 56th & Gray's Ferry rd, Phila., Pa.
Maritime Dredging Co., 50 E. 42d, New York.
Maritime Engng. Corp., concrete boats, 50 E. 42nd, New York.
Maritimo Coating Corp., acid tank lining & water proofing compounds, 2 Rector, New York.
Maritz & Henderson, architects, New Bank of Commerce Bldg., St. Louis, Mo.
Mark, F. W., Constr. Co., Leader-News Bldg., Cleveland, Ohio.
Mark, Frank, Constr. Co., 2816 N. 21st, Phila., Pa.
Mark & Lally Co., plumbers' supplies, 2d & Tehama, San Francisco, Cal.
Mark Mfg. Co., machsts. & fndrs., Evanston, Ill.
Mark & Mohl, architect'l & ornament'l iron, 3d av & 6th, Brooklyn, N. Y.
Mark & Sheftall, architects, Clark Bldg., Jacksonville, Fla.
Markels, Leonard, button machy. & dies, 165 William, New York.
Markert Mfg. Co., sashes, doors, packg. boxes, etc., Syracuse, N. Y.
Markesan Canning Co., Markesan, Wis.
Market Forge Co., fndrs., Chelsea, Mass.
Market Forge Co., racks, Garvey, Everett, Mass.
Markey, Wm. T., lbr. mfrs., Saginaw, Mich.
Markgraf & Mampe, architects, Benson Bldg., Wichita, Kans.
Markgraf, Rudolph, architect, Ridge Bldg., Kansas City, Mo.
Markham, A. G., Co., soap, Springfield, Mass.
Markham Air Rifle Co., Plymouth, Mich.
Markham, F. E., machst. & fndrs., Frankfort, Mich.
Markham, F. J., canned goods, Munford, Va.
Markham, G. J., canned goods, Lowry, Va.
Markham, J. W., common brick, Traverse City, Mich.
Markham, L. R., canned goods, Lithia, Va.
Markham Mfg. Co., wood nov., Plymouth, Mich.
Markham Shingle Co., lbr., Markham, Wash.
Markland Canning Co., Markland, Ind.
Markle, R. B., contractor, Hearst bldg., San Francisco, Cal.
Markle Stone & Lime Co., Markle, Ind.
Markley, A. G., sash, door & blind, Georgetown, Ohio.
Markley, C., contractor, Roanoke, Va.
Markley, Geo. J., brick, Mineral City, Ohio.
Markley, R. R., architect, Patriot Bldg., Harrisburg, Pa.
Markley, Wm. D., contractor, Harrisburg, Pa.
Marko, Paul M., & Co., storage batteries, 1191 Bedford av, Brooklyn, N. Y.
Markowitz, Philip, architect, 405 Lexington av, New York.
Marks Bros. Co., bldg. contrs., West Allis, Wis.
Marks Bros. Saddlery Co., Omaha, Neb.
Marks, H., masons' & bldrs.' matls., Sheffield, Ala.
Marks, H., Sons, scrap iron, 1045 W. 14th, Chicago, Ill.
Marks & Knoring Co., toys, games & nov., 40 Winchester, Boston, Mass.
Marks Mfg. Co., toys, 101 Albany, Boston, Mass.
Marks & Meyer Importation Co., confetti, 43 E. 19th, New York.
Markt & Hammacher Co., whol. hdwe., 194 West, New York.
Markwith, Roland I., architect, 111 5th av, New York.
Marlatt, S., insulators, Richmond, Ind.
Marlboro Cotton Mills, tire fabrics, McColl, S. C.
Marlboro Fertz. Co., Bennettsville, S. C.
Marley Bros., cornices & skylights, 17 Southampton, Boston, Mass.
Marley Mill Corp., paper & pulp mills, 122 S. 13th, Philadelphia, Pa.
Marlin Rockwell Corp., light ordnance, New Haven, Conn.
Marlow & Eldridge, contractors, Brockton, Mass.
Marlow, Frank S., architect, 11 E. 24th, New York.
Marmac Constr. Co., 316 W. 30th, New York.
Marmet-Halm Coal & Coke Co., 1st Nat. Bk. Bldg., Cincinnati, O.
Marnell, Nicholas, contractors, Syracuse, N. Y.
Marnock, A., & Co., granite, S. Quincy, Quincy, Mass.
Maroa Mfg. Co., agricultural implements, Maroa, Ill.
Maroney & Hearn, machsts., Colusa, Cal.
Marquard Sash & Door Mfg. Co., 307 Canal rd, Cleveland, Ohio.
Marquardt Bros., masons' & bldrs.' matls., New London, Conn.
Marquardt, H. & Co., German-Portland cement imprts. of crude rubber, 35 S. William, New York.
Marquardt & Ormond, machsts., Rochester, Minn.
Marquette Box & Lumber Co., Marquette, Mich.
Marquette Cement Mfg. Co., 140 S. Dearborn, Chicago & La Salle, Ill.
Marquette Construction Co., 133 W. Washington, Chicago, Ill.
Marquette, Jno. N., Sons, machsts., 513 S. Eden, Baltimore, Md.
Marquette Piano Co., 1608 S. Canal, Chicago, Ill.
Marquette Univ. Coll. Applied Science & Engng., Milwaukee, Wis.
Marquiz, M., shades, 37 S. Wabash, Chicago, Ill.
Marr Bros. & Stewart Co., contractors, 319 Washington, Boston, Mass.
Marr Canning Co., Gravette, Ark.
Marr Colton Organ Co., Warsaw, N. Y.
Marr, Daniel, & Son Co., contractors, 334 Dorchester av, S. B., Boston, Mass.
Marr & Gordon, granite, Barre, Vt.
Marr & Holman, architects, Stahlman Bldg., Nashville, Tenn.
Marr, Richard H., architect, Kresge Bldg., Detroit, Mich.
Marra, Owen, stone prod., 293 Bridge, Springfield, Mass.
Marresford, Wm. F., machsts. & fndrs., 56 Pearl, Br'klyn, N. Y.
Marrin, E. & J., Co., contractors, 520 E. 18th, New York.
Marrin, W. F., Co., auto bodies, Newark, N. J.
Marrion & O'Leary, granite, Barre, Vt.
Marriott, Allen & Hall, architects, 20 E. Broad, Columbus, O.
Marron Mfg. Co., knife switches & elec. light plants, Rock Island, Ill.
Marrs, Wm. S., cornices & skylights, Lexington, Mo.
Marryman, Geo., & Bros., broom corn, Wichita, Kans.
Marseilles Co., machsts. & fndrs.—corn shellers, E. Moline, Ill.
Marseilles Harrow Mfg. Co., Marseilles, Ill.
Marseilles Works (John Deere & Co.), agricultural implements, East Moline, Ill.
Marsellus, John, Casket Co., Syracuse, N. Y.
Marsh, B. F., Co., masons' & bldrs.' matls., contrs., 22 Garden, Worcester, Mass.
Marsh & Bingham Co., lumber mfrs., 80 E. Jackson Blvd., Chicago, Ill.
Marsh Bros., Co., contractors, R. F. D. 1, Bridgeport, Conn.
Marsh Bros. & Gardenier, contractors, Monadnock Bldg., San Francisco, Cal.
Marsh, Chas. W., Co., packing (leather), Muskegon, Mich.
Marsh Corp., elevators, Garrett Bldg., Baltimore, Md.
Marsh, E. B., Bro. & Co., machsts. & fndrs., Stroudsburg, Pa.
Marsh, Geo. B., Inc., whol. hdwe., Nogales, Ariz.
Marsh, Geo. E., Co., soap, 393 Chestnut, Lynn, Mass.
Marsh & Gette, architects, 46 Cedar, New York.
Marsh, H. C. & Co., machsts., Rockford, Ill.
Marsh, J. Hy., ship bldr., Solomons, Md.
Marsh, Jas. P., & Co., gauges, air valves, etc., 118 S. Clinton, Chicago, Ill.
Marsh, Jos. J., architect, 17 Cone, Orange, N. J.
Marsh-Lee Co., fertilizer, Marshville, N. C.
Marsh Mfg. Co., oil can faucets, spouts, etc., 56 Pine, New York.
Marsh-Murdoch Co., masons' & bldrs.' matls., cor Stanton av & Melish, Cincinnati, Ohio.
Marsh, Norman F., architect, B'way Central Bldg., Los Angeles, Cal.
Marsh & Peter, architects, 520 13th, N. W., Washington, D. C.
Marsh Refrigerator Service Co., Port Washington road, Milwaukee, Wis.
Marsh & Truman Lumber Co., 332 S. Michigan av, Chicago, Ill.
Marsh Valve Co., Erie, Pa.
Marsh, W. E., wood pails, Westport, N. H.
Marsh, W. M., architect, St. James Bldg., Jacksonville, Fla.
Marsh & Wallingsford, architect, Phoenix, Ariz.
Marshall, A. H., Co., whol. hdwe., Plattsburgh, N. Y.
Marshall, A. L., contractor, Roanoke, Va.
Marshall, Barrick Co., cornices, Lyons, N. Y.
Marshall & Beglin, masons' & bldrs.' matls., Midland, Pa.
Marshall, Benj. H., archit., 700 N. Michigan, Chicago, Ill.
Martin Bros., machsts., Akron, Ohio.
Marshall Bros., masons' & bldrs.' matls., New Castle, Pa.
Marshall Bros., paper & pulp mill, Yorklyn, Del.
Martin Bros., ties, poles & posts, Manhattan Bldg., Duluth, Minn.
Marshall Bros., Co., freight elev., S. 21st, Pittsburgh, Pa.
Martsolf Bros., Co., masons' & bldrs.' matls.—contrs., New Brighton, Pa.
Marshall Bros., & Co., tin plate, etc., Front & Girard av, Phila., Pa.
Marshall, C. A., brick, Cresco, Ia.
Marshall, C. P., cleanout ferrules, Rochester, N. Y.
Marshall, C. W. Const. Co., contractors, Reserve Bank Bldg., Kansas City, Mo.
Marshall Canning Co., Marshalltown, Ia.
Marshall Car Wheel & Fdry. Co., Marshall, Tex.
Marshall Castings Co., Marshall, Mich.
Marshall, D. E., Contr. & Mfg. Co., 2011 E. 10th, Kansas City, Mo.
Marshall, F. W., & Co., ferro manganese, coke & pig iron mfrs., Penn Bldg., Philadelphia, Pa.
Marshall Fertilizer Factory, Marshall, Tex.
Marshall Foundry Co., gray iron castings, 28th & Railroad, Pittsburgh, Pa.
Marshall & Fox, architects, 706 N. Michigan av, Chicago, Ill.
Marshall, Frank H., contr., South Portland, Me.
Marshall Furnace Co., Marshall, Mich.
Marshall, Geo. B., machst., Charlottesville, Va.
Marshall, Godfrey, harness, etc., Indiana, Pa.
Marshall, Henry Rutgers, architects, 3 W. 29th, New York.
Marshall & Huschart Machy. Co., 17 S. Jefferson, Chicago, Ill.
Marshall, J. L., & J. O., canned goods, Overbrook, Del.
Marshall, Jas. G., flour mills, Gladys, Va.
Marshall, Jas. L., contr., 700 10th, N. W., Washington, D. C.
Marshall, James Rush, archit., 1516 H, Washington, D. C.
Marshall, Jesse, stone producer, Carrollton, Ohio.
Marshall, John & Co., sashes, doors & blinds, Apalachicola, Fla.
Marshall, Joseph, architect, 1601 West, Topeka, Kans.
Marshall, L. D., canned goods, Thaxton, Va.
Marshall Mfg. Co., lbr., etc., Rome, Ga.

Marshall Mfg. Co., thermometers, Coshocton, Ohio.
Marshall Mill & Elevator Co., flour, Marshall, Tex.
Marshall Milling Co., flour, Marshall, Minn.
Marshall & Mitchell, paper & pulp mill, Wooddale, Del.
Marshall, Newell, Supp. Co., mill & facty. supp., San Francisco, Cal.
Marshall Oil Co. of Iowa, Marshalltown, Ia.
Marshall-Rogers Co., contractors, 6 Beacon, Boston, Mass.
Marshall, Son & Co., machsts. & fndrs., 226 Purchase, Boston, Mass.
Marshall & Spencer Co., masons' & bldrs.' matls., Jacksonville, Fla.
Marshall & Stearns, wall beds, San Francisco, Cal.
Marshall, T. J., lbr., Blue Ridge, Ind.
Marshall, Thos. H., contractor, 413 Locust, Phila., Pa.
Marshall Ventilated Mattress Co., 1454 S. Sangamon, Chicago, Ill.
Marshall Vibrator Co., massage vibrators, 141 W. 36th, New York.
Marshall, W. E., cornices, 628 Sheridan av., Detroit, Mich.
Marshall-Wells Hdwe. Co., whol. hdwe., Lake av, S, Duluth, Minn.
Marshall, Wm., tubular boilers, Dubuque, Ia.
Marshalltown Buggy Co., Marshalltown, Ia.
Marshalltown Trowel Co., Marshalltown, Iowa.
Marshfield Canning Co., Marshfield, Mo.
Marshfield Mfg. Co., bee keepers' supplies, Marshfield, Wis.
Marsland, Jas., roll coverers, Lawrence, Mass.
Marstellar, S. A., architect, 215 Wood, Pittsburgh, Pa.
Marston Bros., Co., masons' & bldrs.' matls., Appleton, Wis.
Marston Cooperage Co., hoops (coiled elm), Marston, Mo.
Marston, I. G., & Co., washers, 226 Ruggles, Boston, Mass.
Marston, J. M. & Co., machsts. & fndrs., 226 Ruggles, Boston, Mass.
Marston Rake Co., dowels, roof brackets, cloth boards, etc., Lebanon, N. H.
Marston, Sylvanus B., Esq., architect, Pasadena, Cal.
Mart & Lawton, tile imp. & floor mosaics, 1123 B'way, New York.
Martcross Co., bars, 202 N. Wabash av, Chicago, Ill.
Martel, L. E., contractor, Manchester, N. H.
Martel Lumber Co., Martel, Fla.
Martell Packing Co., The, metallic packings, Elyria, Ohio.
See adv index at end of book.
Martens & Coffey, architects, Humboldt Bk. Bldg., San Francisco, Cal.
Martens, E. W., architect, Storm Lake, Ia.
Martens-Leary Co., carriages, Bloomington, Ill.
Martens, Wm., architect, 1330½ Commerce, Dallas, Tex.
Marthens, Chester N., Marble Co., W. 53d & Wallace, Chicago, Ill.
Martin, A. C., architect, Higgins Bldg., Los Angeles, Cal.
Martin, A. E., Fdry. & Mach. Co., cast iron cylinders, grey iron castings & metallic packing mfrs., 705 Park, Milwaukee, Wis.
Martin, A. O., architect, Doylestown, Pa.
Martin, A. W., sash, door & blind mfr., Hartland, Vt.
Martin, Adam, stone, Phillipsburg, N. J.
Martin, Adolph (Est. of), wooden shells, Passaic, N. J.
Martin & Andrews, architects, Greenville, S. C.
Martin & Anson Co., machsts., 2226 Indiana av, Chicago, Ill.
Martin, Arch T., flour mills, Moundsville, W. Va.
Martin, B. M., machts. & fndr., 473 B'way, New York.
Martin, B. S. D., architect, 86 Weybosset, Providence, R. I.
Martin Band Instrument Co., Elkhart, Ind.
Martin-Barriss Co., lumber, 2048 W. 3d, Cleveland, Ohio.
Martin Brick Co., Empire Bldg., Pittsburgh, Pa.
Martin & Bro., brick, 1504 S. Capitol, Washington, D. C.
Martin Bros., brick, Dunkirk, Ind.
Martin Bros., Co., barrels, Toledo, Ohio.
Martin, C. E., & Bros., cornices & skylights, Mansfield, Ohio.
Martin, C. F., architect, Hutchinson, Kans.
Martin, C. & Son, masons' & bldrs.' matls., Mechanicsburg, Pa.
Martin, C. W., Co., masons' & bldrs.' matls., Annapolis, Md.
Martin Carriage Works, wagon & motor Truck bldrs., York, Pa.
Martin Chemical Co., liquid soap, Indianola, Ia.
Martin, Clarence A., archit., Cornell University, Ithaca, N. Y.
Martin, Clarence L., architect, Claremont, N. H.
Martin & Co., stencils, 119 S. Clark, Chicago, Ill.
Martin Co., machsts. & fndrs., Sac City, Ia.
Martin Construction Co., 74 W. Washington, Chicago, Ill.
Martin Copeland Co., mfgrs. optical gds., Providence, R. I.
Martin County Buggy Co., carriages, Williamston, N. C.
Martin Crate Co., Martin, Fla.
Martin, D. B., Co., fertilizer & glue mfrs., 30th & Market, Phila., Pa.
Martin, D. B., Co., meat packers, Brunswick nr Wilkens, Baltimore, Md., & Wilmington, Del.
Martin, E. E., contractor, Steubenville, Ohio.
Martin, E. S., & Son Co., cornices & skylights, Eastport, Me.
Martin, Eugene K., architect, 2192 Shattuck av, Berkeley, Cal.
Martin Fertilizer Co., Norfolk, Va.
Martin Fndry. Co., Port Washington, Wis.
Martin & Freethy, architects, 141 Milk, Boston, Mass.
Martin, Glenn L., Co., aeroplane mfgrs., 16800 St. Clair, Cleveland, Ohio.
Martin Grate Co., Fisher Bldg., Chicago, Ill.
Martin, H., steam htg. contrs., 1411 E. 14th, Kansas City, Mo.
Martin, H. H. Lumber Co., Centralia, Wash.
Martin, H. H., Mfg. Co., fndrs., Louisville, Ky.
Martin, H. P., & Sons, portable benches & conduit benders, Owensboro, Ky.
Martin & Hall, architects, Union Trust Bldg., Providence, R. I.
Martin Hardware Co., Mansfield, Ohio.
Martin & Heagy Mfg. Co., barrows, vehicles, wagons, etc., Elizabethtown, Pa.
Martin, Hugh, archit., Title Guarantee Bldg., Birmingham, Ala.
Martin Hub Wks., Tidioute, Pa.
Martin, J. B., architect, East Liverpool, Ohio.
Martin, J. B., Co., velvets, Norwich, Conn.
Martin, J. C., & Co., mill & facty. supps., San Francisco, Cal.
Martin, J. Diller, carriages, Ephrata, Pa.
Martin, J. S., Co., masons' & bldrs.' matls., Marblehead, Mass.
Martin, Jas G., machsts. & fndrs., Middletown, N. Y.
Martin, John, packing box mfrs., 1432 N. 6th, Philadelphia, Pa.
Martin, John, Lbr. Co., 217 Como av, St. Paul, Minn.
Martin, Jos., contractor, Trenton, N. J.
Martin, Jos., & Sons, starch mfrs., Van Buren, Me.
Martin & Kirkpatrick, architects, 130 S. 15th, Philadelphia, Pa.
Martin, L. Co., carbon & lamp black mfrs., 81 Fulton, New York.
Martin, Leason, woodenware mfrs., Richmond, N. H.
Martin, Luther E., Co., advtg. signs, 411 Equitable Bldg., Baltimore, Md.
Martin, M. R., agricultural implements, St. Louis, Park, Minn.
Martin Mach. Co., marking mach. mfgrs., 21 Davis, Greenfield, Mass.
Martin, Malcolm S., architect, Hannibal, Mo.
Martin Mfg. Co., buckets—collapsible, Lancaster, Ohio.
Martin & Martin, shoe blacking, 3005 Carroll, Chicago, Ill.
Martin Metal Mfg. Co., Wichita, Kans.
Martin, O. J., flour, Siloam, N. C.
Martin, Otto, & Co., printing inks, 130 N. 4th, Philadelphia, Pa.
Martin, P. J., elec. illuminated signs, 302 W. 53d, New York.
Martin Pulp & Paper Co., Norwood, N. Y.
Martin, R. H., Co., asbestos miners, 220 B'way, New York.
Martin Rocking Fifth Wheel Co., 21 Besse pl, Springfield, Mass.
Martin, S. B., hdwe. mfrs.—door hangers, Dalton, Ohio.
Martin, Sam'l, Co., beetle, post, etc., rings, 81 Adams, Brooklyn, N. Y.
Martin-Senour Co., paints & varnishes, 2520 Quarry, Chicago, Ill.
Martin, Sidney, webbing, Chelsea, Mass.
Martin Stove & Range Co., Florence, Ala.
Martin & Strickland, masons' & bldrs.' matls., Plain City, Ohio.
Martin, T. J., Co., contrs., Terre Haute, Ind.
Martin, Thom., tent contr., 304 Canal, New York.
Martin Tram Co., lumber, Lake Charles, La.
Martin & Van Owen, common brick, Naperville, Ill.
Martin Vibroplex & Mecograph Co., 253 B'way, New York.
Martin, W. B., stone producers, Rockville, Conn.
Martin, W. H., mattresses, Sioux Falls, S. D.
Martin, W. T., Hardware Co., Charlottesville, Va.
Martin, Wm., contractor, 110 Jessie, San Francisco, Cal.
Martin, Wm. A., machst., Hopewell Junction, N. Y.
Martin, Wm. A., & Co., pine pitch & tar, turpentine, Wilmington, N. C.
Martin, Wm. E., Co., contractors, Troy, N. Y.
Martin, Wm. F., hide & lthr. finishing machs., Salem, Mass.
Martin, William, & Son, contrs., 164 State, Bridgeport, Conn.
Martina Mosaics Co., 132 E. Pearl, Cincinnati, Ohio.
Martindale, Clarence, architect, Fletcher Tr. Bldg., Indianapolis, Ind.
Marting Iron & Steel Co., Ironton, Ohio.
Martini, E. A., architect, 155 N. Clark, Chicago, Ill.
Martin's, E. J., Sons, fish line mfrs., Rockville, Conn.
Martinson Estate Co., granite, Barre, Vt.
Martinsville Brick Co., Martinsville, Ind.
Martinsville Construction Co., Martinsville, Ind.
Martinsville Cotton Mills Co., cotton sheetings, Martinsville, Va.
Martling, J. H., architect, 15 W. 9th, Kansas City, Mo.
Martsolf, Geo. W., masons' & bldrs.' matls., New Brighton, Pa.
Martucci, R., contractor, 1603 E. Main, Bridgeport, Conn.
Marty, F., & Co., wax tapers, Syracuse, N. Y.
Marty Fdry. Co., Meridian, Miss.
Martz Bros., brick, Shelbyville, Ill.
Marvel Accessories Mfg. Co., auto accessories, 2011 E. 46th, Cleveland, Ohio.
Marvel Carburetor Co., Flint, Mich.
Marvel Co., spray syringes, 25 W. 45th, New York.
Marvel Machy. Co., re-boring machines, Minneapolis, Minn.
Marvel, T. S., Shipbuilding Co., machsts. & fndrs., Newburgh, N. Y.
Marvell, E. I., architect, 57 N. Main, Fall River, Mass.
Marvil Package Co., fruit & veg. baskets, Laurel, Del.
Marvin & Casler Co., machsts., Findlay, Ohio.
Marvin, D. E., machinist, Findlay, Ohio.
Marvin & Davis, architects, 303 5th av, New York.
Marvin Elec. Drill Co., Binghamton, N. Y.
Marvin, Henry, architect, Stamford, Conn.
Marvin Mfg. Co. (Ltd.), lubricating oils & greases, Franklin, Pa.
Marvin, W. B., Mfg. Co., telephones, Urbana, Ohio.
Marvindale Chemical Co., acetate of lime, wood alcohol, etc., Bradford, Pa.
Marwedel, C. W., machsts.' tools & supplies, 76 1st, San Francisco, Cal.

Marx, Alphonse, & Sons, scrap iron, 6435 Tchoupitoulas, New Orleans, La.
Marx Hide & Tallow Co., Louisville, Ky.
Marx, Jno., paint mfr., Hoboken, N. J.
Marx, M. F., Mfg. Co., dog biscuits, Louisville, Ky.
Marx, Samuel A., archit., 175 W. Jackson blvd, Chicago, Ill.
Marx, Wm. F., architect, Emporia, Kans.
Marx-Winkler Co., machsts., 473 Washington, Newark, N. J.
Marx Zero Sign Wks., 126 N. Peoria, Ill.
Mary, Leila, Cotton Mill, Greensboro, Ga.
Maryland Agricultural Coll., College Park, Md.
Maryland Belting & Packing Co., 1626 Bank, Baltimore, Md.
Maryland Bolt Co., nut, bolt & rivet mfrs., Continental Bldg., Baltimore, Md.
Maryland Brass & Metal Wks., fndrs., Guilford & Federal, Baltimore, Md.
Maryland Brick & Supply Co., masons' & bldrs.' matls., Frederick, Md.
Maryland Car Wheel Wks., Curtis Bay, Baltimore, Md.
Maryland Casualty Co., insurance, North & Fay, Baltimore, Md.
Maryland Color Printing Co., label mfrs., Holliday & Hillen, Baltimore, Md.
Maryland Coppersmith Co., 3831 Eastern av, Baltimore, Md.
Maryland Dredging & Contracting Co., Fidelity Bldg., Balto., Md.
Maryland Enamel & Sign Co., O'D & 8th, Baltimore, Md.
Maryland Equip't & Supply Co., machsts. & fndrs., Baltimore, Md.
Maryland Filling Mach. Co., 336 Guilford av, Baltimore, Md.
Maryland Glass Corp., Mt. Winans, Md.
Maryland Granite Co., Guilford, Md.
Maryland Iron & Steel Co., Frederick, Md.
Maryland Lime & Cement Co., masons' & bldrs.' supplies, 443 S. Central av, Baltimore, Md.
Maryland Lumber Co., Denmar, W. Va.
Maryland Mfg. Co., steam jacketed, 521 Baker, Baltimore, Md.
Maryland Metal Cross Tile Co., 901 Munsey Bldg., Baltimore, Md.
Maryland Meter Works, meter mfrs., Baltimore, Md.
Maryland Mould & Fndry. Co., Cumberland, Md.
Maryland Steel Co., dry docks, Sparrows Point, Md.
Maryland Wood Products Co., acetate of lime, wood alchol, etc., Bradford, Pa.
Marysville Cabinet Co., Marysville, Ohio.
Masbach Hardware Co., 84 Warren, New York.
Mascetti & Holley, contrs., Torrington, Conn.
Maschmeier-Schaefering Carriage & Wagon Co., 2000 N. 15th, St. Louis, Mo.
Mascot Stove Mfg. Co., Chattanooga, Tenn.
Masem, Nicholas, & Co., contractors, 369 Troutman, B'klyn, N. Y.
Mashburn, W. E., contractor, Atlanta, Ga.
Mashek Chemical & Iron Co., Wells, Mich.
Mashek Engin'g Co., ore contr., plants & machy., 90 West, New York.
Mashell Paint Co., Tacoma, Wash.
Masi Bros., contractors, 1246 Grotto, Pittsburgh, Pa.
Masinda, Wm., pearl buttons, West Willington, Conn.
Maslin, Chas W., architect, 34 S. 17th, Philadelphia, Pa.
Mason, A. G., Mfg. Co., machy., St. Clair & E. 79th, Cleve., O.
Mason Box Co., Attleboro Falls, Mass.
Mason Brush Works, foundry & mill brushes, Worcester, Mass.
Mason Canning Co., 3d & Walnut, Cincinnati, Ohio.
Mason City Brick & Tile Co., Mason City, Ia.
Mason City Clay Works, brick, Mason City, Ia.
Mason City Sewer Pipe Co., Mason City, Ia.
Mason City Supply Co., plumbers' supplies—jobbers, Mason City Ia.
Mason County Fruit Growers' Assn., canned, Shelton, Wash.
Mason, D. E., butter tubs, Fulton, N. Y.
Mason, Davis & Co., machsts. & fndrs., 7740 S. Chicago av, Chicago, Ill.
Mason Distilling Co., Sausalito, Cal.
Mason-Donaldson Lumber Co., flooring—maple, Rhinelander, Wis.
Mason, F. C., & Co., agricultural implements, St. Johns, Mich.
Mason Fence Co., Leesburg, Ohio.
Mason, Fenwick & Lawrence, patent attorneys, 600 F, N. W., Washington, D. C. *See adv index at end of book.*
Mason, Geo. C., architect, Ardmore, Pa.
Mason, Geo. D., architect, 80 Griswold, Detroit, Mich.
Mason, H. R., brick & tile, Monroeville, Ohio.
Mason & Hamlin Co., organs, 492 Boylston, Boston, Mass.
Mason & Hanger Co., contractors, 52 Vanderbilt av, New York.
Mason, Harold E., architect, Keene, N. H.
Mason, Hilton, & Co., contractors, 120 Liberty, New York.
Mason, J., contractor, Newport, R. I.
Mason, J. B., architect, Paxton blk, Omaha, Neb.
Mason, J. S., & Sons, cotton webbing, Westboro, Mass.
Mason, Jas. S., Co., shoe blacking, 136 N. Front, Phila., Pa.
Mason Jar Glass Cap Co., fruit jars, Anderson, Ind.
Mason, John, & Sons, carriages, Bangor, Me.
Mason, Joseph, architect, Jamestown, N. Y.
Mason Machine Wks., Taunton, Mass.
Mason Mfg. Co., churns, Canton, Ohio.
Mason Mfg. Co., mop sticks, Perkinsville, Vt.
Mason Mfg. Co., tin cans, 156 S. Water, Providence, R. I.
Mason, Marcus, & Co., machsts., Framingham, Mass.
Mason & Moore, machsts. & fndrs., 30 E. 4th, New York.
Mason & O'Connell, masons' & bldrs.' matls., Fort Dodge, Ia.
Mason & Parker Mfg. Co., toys, games & nov., Winchendon, Mass.
Mason-Perkins Paper Co., Bristol, N. H.
Mason, Randolph B., contractor, 308 W. Madison, Balto., Md.
Mason Regulator Co., reducing valves & pressure regulators; also regulating devices for use on steam, water, air & gas, mfrs., 1192 Adams, Boston, Mass.
See adv. index at end of book.
Mason Silk Mills, Paterson, N. J.
Mason & Snowdon Lumber Co., Scranton, Pa.
Mason Tire & Rubber Co., Kent, Ohio.
Mason, Volney W., & Co., freight elevators, hand hoist & friction pulleys, 2 Lafayette, Providence, R. I.
Mason, W. L., & Co., steel pens, Keene, N. H.
Mason, W. N., lbr., South Tamworth, N. H.
Mason, Wm. E., steam & hot water htg. contr., 416 E. 161st, New York.
Mason, Wm. R., stone prodrs., 1601 W. Marshall, Richmond, Va.
Masonry Waterproofing Co., 307 Herkimer, Brooklyn, N. Y.
Mason's Supply Co., Easton, Pa.
Masontown Glass Co., Masontown, Pa.
Masow & Morrison, contrs., Monadnock Bldg., San Fran., Cal.
Masqueray, Emmanuel L., architect, 16 E. 23d, New York.
Massa, Geo., dumbwaiter mfrs., 245 S. 6th, Philadelphia, Pa.
Mass. Agricultural Coll., Amherst, Mass.
Mass. Commission for the Blind, brooms, Cambridge, Mass.
Mass. Cotton Mills, Exchange Bldg., Boston, Mass.
Mass. Dress Suit Case Co., 294 Harrison av, Boston, Mass.
Massachusetts Elec. Co., switches, Worcester, Mass.
Mass. Elec. Mfg. Co., magnet wire, Lynn, Mass.
Mass. Institute of Technology, engng. school & coll., 491 Boylston, Boston, Mass.
Mass. Lime & Cement Co., masons' & bldrs.' matls., Cambridge, Mass.
Mass. Mach. Co., Boston, Mass.
Mass. Machine Shop, Inc., steel, brass & copper washers, also sheet metal stampings, 54-70 Commercial, Worcester, Mass.
See adv index at end of book.
Mass. Mohair Plush Co., 200 Devonshire, Boston, Mass.
Mass. Saw Wks., Springfield, Mass.
Massarine, Wm. G., architect, 15 E. 40th, New York.
Massasoit Mfg. Co., mops, Fall River, Mass.
Massee & Felton Lumber Co., Macon, Ga.
Masseth Packer & Mach. Wks., machinists, Butler, Pa.
Massey, C. F., & Co., reinforced concrete pipe, Wilmington, N. C.
Massey, Geo. W., masons' & bldrs.' matls., Lambertville, N. J.
Massey Gin & Machine Works, Macon, Ga.
Massey, H. C., & Bro., flour, Alphaba, Miss.
Massey-Harris Harvester Co., Inc., Batavia, N. Y.
Massey Iron Co., Wichita, Kans.
Massey Mach. Co., Watertown, N. Y.
Massie & Morrison, lumber, Lynchburg, Va.
Massillon Aluminum Co., Massillon, Ohio.
Massillon Brick Co., Massillon, Ohio.
Massillon Bridge & Structural Co., Massillon, Ohio.
Massillon-Cleveland-Akron Sign Co., advtg. novelties, Massillon, Ohio.
Massillon Foundry & Machine Co., punching & shearing machy., etc., Massillon, Ohio.
Massillon Iron & Steel Co., Massillon, Ohio.
Massillon Paper Co., Massillon, Ohio.
Massillon Rolling Mill Co., Massillon, Ohio.
Massillon Rubber Co., Massillon, Ohio.
Massillon Sand & Stone Co., Massillon, Ohio.
Massillon Steel Casting Co., Massillon, Ohio.
Massillon Stone & Fire Brick Co., Massillon, Ohio.
Massillon Wire Basket Co., Massillon, Ohio.
Massino, J., Mfg. Co., elec. & gas light fixtures, 740 3d, Milwaukee, Wis.
Mast, Emanuel, contr., Zanesville, Ohio.
Mast, Foos & Co., pumps, windmills, agricultural implements, etc., Springfield, Ohio.
Mast, J. W., whol. hdwe., Little Rock, Ark.
Mast Lightning Rod Co., West Milton, Ohio.
Master Builders Co., concrete hardness, Cleveland, Ohio.
Master Carburetor Corp., machsts. & brass composition fndrs., Detroit, Mich.
Master Cutter Mach. Co., meat choppers & slivers, North av, Oakley, Cincinnati, Ohio.
Master Mach. Wks., dlrs., 110 W. 40th, New York.
Master Sheet Metal Workers' Journal, trade publications, 261 S. 4th, Phila., Pa.
Master Tractor Co., Minneapolis, Minn.
Masters, H. B., Co., steam fitters, Ocala, Fla.
Masters, J. H., & Son, masons' & mldrs.' matls., Brookville, Ind.
Masters & Mullen Constr. Co., Electric Bldg., Cleveland, Ohio.
Masters Planters Co., 229 N. State, Chicago, Ill.
Masters, R. T., cornices & skylights, Charleston, S. C.
Masterson Bros., wooden shoe lasts, Brockton, Mass.
Masterton, Albert E., cornices, 9108 Baltimore av, Chicago, Ill.
Mastropasqua, Louis, architect, 580 Washington, San Fran., Cal.
Masury, John W., & Son, paints, 50 Jay, Brooklyn, N. Y.
Masury-Young Co., sweeping compds., disinfectants, 196 Milk, Boston, Mass.
Matador Tire & Vulc. Co., spark plugs, 1400 Michigan av, Chicago, Ill.
Matawan Steel & Iron Co., Matawan, N. J.

Matawan Tile Co., Matawan, N. J.
Matchett, W. W., architect, Alliance, Ohio.
Matchless Brass Mfg. Co., burners, lamps, etc., 57 Jay, Brooklyn, N. Y.
Matchless Heater Co., Holyoke, Mass.
Matchless Metal Polish Co., buff'g compositions, 151 Varick, New York.
Matear, F. W., & Co., machsts., 222 W. Ontario, Chicago, Ill.
Materne, John P., Mfg. Co., machsts. & fndrs., steam fitters' supplies, 18th & Gratiot, St. Louis, Mo.
Matheis Hdwe. Co., cornices, Springfield, Ill.
Matheny, Allen & Mounts, archts., Harrison Bldg., Columbus, O.
Matheny, C. A., architect, Sharon, Pa.
Mather Bros., Co., masons' & bldrs.' matls., Richmond, Ind.
Mather Bldg. Co., contrs., So. Norwalk, Conn.
Mather & Burner, archts., McKnight Bldg., Minneapolis, Minn.
Mather, E., Co., plumbers' supplies, jobbers, Harrisburg, Pa.
Mather, Ralph, architect, Endicott Bldg., St. Paul, Minn.
Mather, S. W., coffins, caskets, etc., 3227 W. 25th, Cleveland, O.
Mather, S. W. Auto Co., Cleveland, O.
Mather, S. W., & Sons, contractors, Trenton, N. J.
Mather Spring Co., Toledo, O.
Mather & Waechter, vises, kettles—machsts. & fndrs., 105th & Quebec av, Cleveland, Ohio.
Mathers, D. C., brick, Chelan, Wash.
Mathers Stone Co. (of Chicago), Bloomington, Ind.
Mathesius, F., Jr., architect, 320 5th av, New York.
Matheson, J. D., & Sons, fertilizer, Hartwell, Ga.
Matheson Lead Co., 569 Vernon av, Long Island City, N. Y.
Matheson, W. A., mill & facty. supplies, Toccoa, Ga.
Mathew Co., contrs., Oakland, Cal.
Mathews & Boucher, whol. hdwe., 26 Exchange, Rochester, N. Y.
Mathews Bros., sash, door & blind mfrs., Belfast, Me.
Mathews, Chas. T., architect, 381 4th av, New York.
Mathews Co., boats, Port Clinton, Ohio.
Mathews Construction Co., Sacramento, Cal.
Mathews, Dudley, archit., Watkins Bldg., Orlando, Fla.
Mathews, Edgar A., architect, 251 Post, San Francisco, Cal.
Mathews, F. E., architect, Rochester, Pa.
Mathews, F. I., machst., Oakland, Cal.
Mathews Gravity Carrier Co., machsts., Ellwood City, Pa.
Mathews, Hugh, machst., Kansas City, Mo.
Mathews, J. D., architect, 118 S. Rosemonte av, Dallas, Tex.
Mathews, Jas., masons' & bldrs.' matls.—contr., Evanston, Ill.
Mathews, Jas. H. & Co., marking devices—signs, stamps, stencils, dies, etc., 3946 Forbes, Pittsburgh, Pa.
Mathews, John E., archit., 4190 Park av, N. Y.
Mathews, L. J., machsts. & fndrs., Milford, Del.
Mathews, W. J., architect, 969 B'way, Oakland, Cal.
Mathewson, E., architect, Cory Bldg., Fresno, Cal.
Mathias-Hart Co., strain insulators, 516 Atlantic av, Boston, Mass.
Mathias, P. S. & Co., flour mills, Mathias, W. Va.
Mathiason, P. B., Mfg. Co., fertilizer & glue mfrs., 5310 N. 2d, St. Louis, Mo.
Mathieson Alkali Wks., 53 Canal, Providence, R. I., and Niagara Falls, N. Y.
Mathieson, Thos. P., corn brooms, 2042 Warren av, Chicago, Ill.
Mathis Bros. Co., fans & blowers, 337 W. 25th pl, Chicago, Ill.
Mathis, Hiram, contractor, Atlantic City, N. J.
Mathis, J., & Son, contractors, Atlantic City, N. J.
Mathis, J. Vaughan, architect, Atlantic City, N. J.
Mathis, John H., Co., machsts. & fndrs.—ship bldrs., Camden, N. J.
Mathis Yacht Building Co., motor boat bldrs., Camden, N. J.
Mathushek Piano Mfg. Co., New Haven, Conn.
Mathushek & Son Piano Co., 37 W. 37th, New York.
Mathy Co., cornices, 1918 Pa. av, N. W., Washington, D. C.
Matisse, C., & A., auto lamp lenses, 551 E. 116th, New York.
Matlack Coal & Iron Corp., 52 Vanderbilt av, New York.
Matlack, W. H., gas machines, Louisville, Ky.
Matson Mach. Co., geared pumps, grinders—reamer & cutter, Concord, N. H.
Matt, F., & Co., carriage top dressing, 491 Washington, Newark, N. J.
Matt & Klenzendorff, architects, 792 3d, Milwaukee, Wis.
Mattatuck Mfg. Co., brass & wire goods mfrs., Waterbury, Conn.
Mattawamkeag Lbr. Co., Island Falls, Me.
Matteson Paint Co., Cape Girardeau, Mo.
Matteson, Victor Andre, architect, Music Hall Bldg, La Salle, Ill.
Matthes Bros., masons' & bldrs.' matls.—contr., Adrian, Mich
Matthes, C. P. & Son, contractors, Adrian, Mich.
Matthews Bros. Co., stone, Bloomington, Ind.
Matthews Bros. Mfg. Co., cabinet makers, 61 4th, Miuwaukee, Wis.
Matthews, C. E. Lumber Co., Kansas City, Mo.
Matthews Carriage & Auto Co., Des Moines, Ia.
Matthews Co., motor boat bldrs., Port Clinton, Ohio.
Matthews Constr. Co., Princeton, N. J.
Matthews Engineering Co., electric lgt. plants, Sandusky, Ohio.
Matthews Gas Mach. Co., 180 N. Dearborn, Chicago, Ill.
Matthews, Geo. T., & Co., lubrg. oils, mill & facty. supplies, 20 S. Main, St. Louis, Mo.
Matthews, H. A., Mfg. Co. (The), sheet metal stamping, drawing, etc., Seymour, Conn.
Matthews, Harry L., contractor, Richmond, Va.
Matthews, James H., & Co., wood sign materials, pattern letters & figures, 3942 Forbes, Pittsburgh, Pa.
Matthews, L. F., architect, Lima, O.
Matthews, Lewis E., cornices, McKeesport, Pa.
Matthews Lbr. & Mfg. Co., Sikeston, Mo.
Matthews Mfg. Co., sheet metal stampings, 104 Gold, Worcester, Mass. *See adv index at end of book.*
Matthews, Northrup Wks., maps, 177 Washington, Buffalo, N. Y.
Matthews Ship Bldg. Co., Hoquian, Wash.
Matthews, T. E., & Bro., machsts. & fndrs., Martinsburg, W. Va.
Matthews, Thos., & Son, lbr. mfrs., Fleet & Albermarle, Baltimore, Md.
Matthews, W. Edw., architects, 721 Olive, St. Louis, Mo.
Matthews & Willard Mfg. Co., mchsts. & fdrs., Waterbury, Conn.
Matthews, W. N., & Bros., Inc., boltless clamps, 3727 Forest Park blvd, St. Louis, Mo.
Matthewson, Fred G., masons' & bldrs.' matls., Flint, Mich.
Matthias, Russell J., Co., who. lumber, 30 N. La Salle, Chicago, Ill.
Matthiessen & Hegeler Zinc Co., La Salle, Ill.
Mattingly, Jno. G., cornices, La Grange, Ill.
Mattison, A. S., contractor, Youngstown, Ohio.
Mattison, C., Machine Works, wood turning machy., Beloit, Wis.
Mattison, Geo., lumber mfrs., Barkersville, N. Y.
Mattson & Anderson, lumber, Bellingham, Wash.
Mattson Rubber Co., mechanical & plumbers' rubber goods, Lodi, N. J.
Mattusch, Frank, & Co., stone prod., 3702 Chestnut, Milwaukee, Wis.
Matuskowitz, Jos., & Sons, contractors, Hazleton, Pa.
Matz, Otto H., archit., 120 East Oak, Chicago, Ill.
Matzinger, Paul, architect, Caxton Bldg., Cleveland, Ohio.
Matzke, Otto A., stone, Richmond, Va.
Mau, Chas., architect, Macdonough Bldg., Oakland, Cal.
Mau-Sherwood Supply Co., mill & facty. supplies, 1616 W. 3d, Cleveland, O.
Mauch Chunk Iron Wks., machsts. & fndrs., Mauch Chunk, Pa.
Maud Canning Co., Maud, Ohio.
Maud S. Windmill & Pump Co., steel tanks, Lansing, Mich.
Mauer, H. C., architect, First Natl. Bk. Bldg., El Paso, Tex.
Mauer, Herman W., architect, Schofield Bldg., Cleveland, O.
Mauer-Knoblock-Simank, architects, Beaumont, Tex.
Maui Pineapple Co., canners, Panwela, Hawaii.
Maul, G. F., sash, door & blind mfrs., 780 E. 18th, Newark, N. J.
Maul, Walter, contractor, Pendleton, Ind.
Maul, Walter David, archit., Whitney Bldg., Detroit, Mich.
Maulsby, A. R., coffins, caskets, etc., Everett, Wash.
Maumee Malleable Castings Co., Toledo, Ohio.
Maupin, Jas. M., architect, Commercial Bldg., Alton, Ill.
Mauran, John Lawrence, archit., Monodnock, N. H.
Mauran, Russell & Crowell, architects, Chemical Bldg., St. Louis, Mo., & Busch Bldg., Dallas, Texas.
Maurepas Milling Co., lumber, New Orleans, La.
Maurer, Ed., Co., crude rubber & varnish gums, 80 Maiden Lane, New York.
Maurer, F. X., Co., agricultural implements, Spencer, Ia.
Maurer, Harry, architect, 529 Court, Reading, Pa.
Maurer, Henry C., architect, 302 W. Water, Milwaukee, Wis.
Maurer, Henry, & Son, brick, 420 E. 23d, New York.
Maurer, John, machst., 344 Center, Salem, Ore.
Maurer, William, architect, 2426 Augusta, Chicago, Ill.
Maurer, Wm., & Co., machsts., South Bend, Ind.
Mauro, Vincent, contractor, 203 Federal, Providence, R. I.
Maury, Mason, architect, Board of Trade Bldg., Louisville, Ky.
Maus, C. W., contractor, St. Elmo, Ill.
Maus, Geo. H., fishing poles, Amsterdam, N. Y.
Mauser Mill Co., flour, Laury's Station, Pa.
Maute, J., & Sons, machinists, 23 Kane, Buffalo, N. Y.
Mauterstock, Albert, contractor, Kingston, N. Y.
Mavor, Wm., Co., contractors, 72 W. Adams, Chicago, Ill.
Mawhinney Last Co., wooden shoe lasts, Brockton, Mass.
Mawhinney & Ramsdell, canned goods, Lubec, Me.
Mawson, Jno., Haircloth Co., Venango E. of Kensington, Phila. Pa.
Max, Lewis, glass, 52 Green, Jersey City, N. J.
Max Mach. Co., boiler cleaners, valves, etc. Clinton, Mass.
Max & Rawolle, shellac & glycerine, 100 William, New York.
Maxam, L. L., lumber mfr., Chestertown, N. Y.
Maxant Butter & Supply Co., 118 S. Clinton, Chicago, Ill.
Maxeys Mfg. Co., fertilizer mfgrs., Maxeys, Ga.
Maxf Grinding Wheel Corp., Chester, Mass.
Maxfer Truck Co., 5035 Wabash av, Chicago, Ill.
Maxi Co., carburetors, 115 B'way, New York.
Maxim Constr. Co., 36 W. 57th, New York.
Maxim Motor Co., Middleboro, Mass.
Maxim Munitions Corp., aerial torpedoes & aeroplane guns, automobiles, Equitable Bldg., New York.
Maxim Silencer Co., Hartford, Conn.
Maximotor Makers, 1526 Jefferson av, E, Detroit, Mich.
Maxon & Co., contrs., 745 Lyon, Los Angeles, Cal.
Maxon-Miller Jack Co., automobile, Huntington, W. Va.
Maxon, Premix, Bwiner Co., Muncie, Ind.
Maxson, E. C., & Son, masons' & bldrs.' matls., Adams Center, N. Y.
Maxson, Ira, brick, Grove City, Ohio.
Maxson & Starin, masons' & bldrs.' matls., Cortland, N. Y.
Maxton Casket Co., Maxton, N. C.

Maxwell, F. A., Machine Co., boring tools, 1011 Power av, Cleveland, Ohio.
Maxwell Filing System Co., register account, Cleveland, Ohio.
Maxwell Hdwe. Co., Oakland, Cal.
Maxwell, Jno., & Son, stone prod., 112 Winchester av, New Haven, Conn.
Maxwell Motor Co., Woodward & Warren, Detroit, Mich.
Maxwell-Rolf Stone Co., Williamson Bldg., Cleveland, Ohio.
Maxwell Steel Vault Co., Oneida, N. Y.
Maxwell, Wymer W., architect, Urbana, Ill.
Maxwell's, John, animal cages, 259 Pearl, New York.
Maxwell's, Jno., Sons, stone producers, 30th below Spruce, Phila., Pa.
May Bros., common brick, Lafayette, Ind.
May Bros., machsts. & fndrs., Galesburg, Ill.
May, Chas. F., architects, 408 Olive, St. Louis, Mo.
May, Edward C., architect, du Pont Bldg., Wilmington, Del.
May, F. P., Hdwe. Co., 460 C, N. W., Washington, D. C.
May, Fiebeger Co., machsts. & fndrs., Akron, Ohio.
May & Grimwood, contractors, Los Angeles, Cal.
May, H. A., 30th & Chestnut, Philadelphia, Pa.
May, H., & Co., canned goods, Egg Harbor City, N. J.
May Hardware Co., Portland, Ore.
May, Howard, architect, Calvert Bldg., Baltimore, Md.
May, Jacob, architect'l & ornament'l iron, 850 De Kalb av, Brooklyn, N. Y.
May, M. W., Co., soap, 104 E. 126th, New York.
May Supply Co., mill & facty., steam fitters', plumbers' supplies, Anderson, Ind.
May, Sylvester, light fixture mfrs., 98 Schermerhorn, Brooklyn, N. Y.
May, Wm., machst. & fndr., Bremen, Ind.
May, Wm. H., & Son, agricultural implements, Alexandria, Va.
May, Wm. M., Co., cornices & skylights, 537 W. 54th, New York.
Mayaer, Albert A., contractor, 2128 Fillmore av, Buffalo, N. Y.
Mayall, Lewis A., & Son, machsts, 748 S. Samson, Phila., Pa.
Maybeck, Howard & White, architects, Lick Bldg., San Francisco, Cal.
Mayberger, Edw. F., cornices & skylights, 1 Hubert, Boston, Mass.
Mayberry, C. B., & Son, flour mills, Sparta, Tenn.
Mayberry & Parker, architects, Pac. Elec. Bldg., Los Angeles, Cal.
Mayberry, R. R., architect, Grandy Bldg., Cedar Rapids, Ia.
Mayclim & Duncan, contractors, 621 S. Dearborn, Chicago, Ill.
Mayd-Well Brush Co., Troy, N. Y.
Maydole, David Hammer Co., Norwich, N. Y.
Mayer, Bez Stone Co., East Orange, N. J.
Mayer Bros., machsts. & fndrs., Antigo, Wis.
Mayer Bros., Co., machsts., Mankato, Minn.
Mayer Bros., Constr. Co., Erie, Pa.
Mayer, C. P., Brick Co., Bridgeville, Pa.
Mayer Carburetor Co., 2673 Main, Buffalo, N. Y.
Mayer China Co., Beaver Falls, Pa.
Mayer Coating Machs. Co., 187 N. Water, Rochester, N. Y.
Mayer, Daniel, masons' & bldrs.' matls., Milwaukee, Wis.
Mayer, Daniel, scrap iron & steel, Albany, Ga.
Mayer, E. W., cut glassware, Port Jervis, N. Y.
Mayer & Eachus, machsts., West Chester, Pa.
Mayer, Geo., & Co., Phila., Pa.
Mayer, Geo. J., & Co., badges, trade checks, dies, stamps, etc., 36 S. Meridian, Indianapolis, Ind.
Mayer, Leopold, camel hair pencils, 83 Warren, New York.
Mayer & Loewenstein, enamels, Varnishes, wood fillers, etc., 164 Water, New York.
Mayer, MacDonald, architect, 146 Montague, Brooklyn, N. Y.
Mayer & Manahan, architect, 711 Bergenline av, West New York, N. J.
Mayer, Max, bags & suit cases, 10th & Cherry, Phila., Pa.
Mayer, Michael, sash, door & blind mfrs., 181 Moore, Brooklyn, N. Y.
Mayer, O. F., & Bro., meat packers, Beethoven pl & Sedgwick, Chicago, Ill.
Mayer & Reichert, lamp adapters, 84 Evergreen av, Brooklyn, N. Y.
Mayer, Robt., & Co., printing inks, 461 8th av, New York.
Mayer Tank Mfg. Co., wood tanks, 212 Russell, Brooklyn, N. Y.
Mayer, Wm., Co., sash, door & blind mfrs., 646 W. 3d, Cincinnati, Ohio.
Mayer, Willy & Co., paper shades, 41 Union sq, New York.
Mayfield, M. M., sash, door & blind mfrs., Dallas, Tex.
Mayfield Planing Mills, packing box mfrs., Mayfield, Ky.
Mayflower Mills, flour, Fort Wayne, Ind.
Mayher, Wm., Lumber Co., Greeley, Colo.
Mayhew Co., elec. lgt. plants, 867 31st, Milwaukee, Wis.
Mayhew, H. H., Co., machsts. & fndrs., Shelburne Falls, Mass.
Mayhugh, J. D., Mfg. Co., lumber, Walton, Ky.
Maylan, John J., contractor, 117 E. Centre, Baltimore, Md.
Maynard, A. W., contractor, Richmond, Va.
Maynard, C. A., pravement cleaners, Northampton, Mass.
Maynard, E. W., architect, 226 Tremont, Boston, Mass.
Maynard, Everett W., contractor, 6408 Harvard av, Chicago, Ill.
Maynard, J. F., ice & refrig. machs., 116 Geyer av, St. Louis, Mo.
Maynard Lumber Co., Maynard, Minn.
Maynard Steel Fndry. Co., 716 Reed, Milwaukee, Wis.
Maynicke & Franke, architects, 25 E. 26th, New York.
Maynz & Co., varnish mfrs., 13 Water, New York.
Mayo, A. H., canned goods, Naskeag, Me.
Mayo Const. Co., 333 Union, Lynn, Mass.
Mayo, Ernest A., architect, 140 S. Dearborn, Chicago, Ill.
Mayo, Frank H., architect, Jenkintown, Pa.
Mayo, Geo. D., Mach. Co., Laconia, N. H.
Mayo, L. T., contractor, Black Bldg., Los Angeles, Cal.
Mayo Milling Co., flour, Richmond, Va.
Mayo Radiator Co., So. Boulevard & 143d, New York.
Mayo-Skinner Mfg. Co., air pumps, 54 E. 18th, Chicago, Ill.
Mayo Turpentine Co., Belleview, Fla.
Mayo, Walter T., architect, 1701 Chestnut, Philadelphia, Pa.
Mayor, Thos., & Son, flyers, 26 Olney, Providence, R. I.
Mayre, P. Thornton, architect, Candler Bldg., Atlanta, Ga.
Mays Brick Co., Greenwood, S. C.
May's Landing Cut Glass Co., May's Landing, N. J.
Mays Rattan Wks., furniture, 3347 N. Clark, Chicago, Ill.
Maysville Brick Co., Maysville, Ky.
Maysville Guano Co., fertilizer mfrs., Maysville, Ga.
Maysville Oil Mills, Maysville, Ga.
Maytag Co., agricultural implements, Newton, Ia.
Mayville Canning Co., Mayville, Wis.
Mayville White Lime Works, Mayville, Wis.
Maywald, Fred'k J., chemist, 133 Water, New York.
Maywood Packing Co., canned goods, Corning, Cal.
Maze, W. H., Co., masons' & bldrs.' matls—shingle nails, points, etc., Peru, Ill.
Mazer Acoustle Co., acoustical engines & contrs., 525 3d av, Pittsburgh, Pa.
Mazzoni, R., contractor, West New York, N. J.
M. B. Tool Co., screw drivers, Danielson, Conn.
Meacham & Babcock Shipbldg. Co., Seattle, Wash.
Meacham & Wright Brick Co., 133 W. Washington, Chicago, Ill.
Mead, A. G., Co., presses, 62 Sudbury, Boston, Mass.
Mead, Charles A., architect, Upper Montclair, N. J.
Mead, Chas. H., contractors, 15 Beacon, Boston, Mass.
Mead & Co., machinists & founders, 19th & M. C. R. R., Detroit, Mich.
Mead Cycle Co., bicycle mfrs., 33 N. Canal, Chicago, Ill.
Mead, Earl H., architect, Harbor Springs, Mich.
Mead & Eastwood, sashes, doors & blinds, San Marcos, Texas.
MEAD ELECTRIC SIGNAL CO., factory & office signals, 2056 E. 4th, Cleveland, Ohio.
Mead Gas Heater Co., Delawanna, N. J.
Mead, John J., Co., h'dwe who., 67 Centre, New York.
Mead-Morrison Mfg. Co., conveyors, hoists, etc., Prescott & Orleans, East Boston, Mass.
Mead Pulp & Paper Co., Dayton, Ohio.
Mead & Requa, architects, 6th & B., San Diego, Cal.
Mead, Samuel W., architect, Barristers Hall, Boston, Mass.
Mead, Wm. Rutherford, archit., 101 Park av, New York
Meade, F. B. & J. M. Hamilton, architects, 1002 Garf, Cleveland, Ohio.
Meade, Johnson & McLaughlin, archits., 44 Bromfield, Boston, Mass.
Meade Laboratories, Law Bldg., Baltimore, Md.
Meade, Maurice P., architect, 44 Broomfield, Boston, Mass.
Meade, Richard K., industrial, chemical & mechanical engineer, 202 N. Calvert, Baltimore, Md.
Meader, Herman Lee, architect, 2 W. 33d, New York.
Meadons Blower & Pipe Wks., 25 Meserole av, Brooklyn, N. Y.
Meadow Marble Co., Meadow, Tenn.
Meadow River Lbr. Co., oak flooring, Rainelle, W. Va.
Meadowbrook Condensed Milk Co., canned, Issaquah, Wash.
Meadows, E. H., & J. A. Co., fertilizer, New Bern, N. C.
Meadows Mfg. Co., agricultural implements, Pontiac, Ill.
Meads, Chas., & Co., contractors, 38 Park row, New York.
Meadville Malleable Iron Co., fndrs., Meadeville, Pa.
Meadville Metallic Vault Co., steel burial vaults, Meadville, Pa.
Meadville Wrench Co., Meadville, Ga.
Meagher, Jas. A., contractor, Bay City, Mich.
Meagher, Jas., Sons, cordage & twine, 1625 San Bruno, San Francisco.
Meagher & Smith, contractors, Perth Amboy, N. J.
Meagher, Thos. F., cornices, 30 Center, New Haven, Conn.
Meagher, Wm. J., & Co., contractors, Bay City, Mich.
Meaker Galvanizing Co., 1249 Fulton, Chicago, Ill.
Meals, Jacob F., contractor, Oil City, Pa.
Meals, Saml. A., contractor, 2910 Shadeland, Pittsburgh, Pa.
Meanor & Sweeney, architects, Huntington, W. Va.
Means, Justin, excelsior, Edgar, Wis.
Means, Mark A., Co., mill & facty. supplies, Lewiston, Idaho.
Means & Thatcher, paints, Norfolk Downs, Quincy, Mass.
Meany, Edw. F., & Co., stone producers, 534 Albany, Boston, Mass.
Mears Earphone Co., audiphones, 43 W. 34th, New York.
Mears, Henry A., architect, 6 Beacon, Boston, Mass.
Mears Improved Line Co., Gloucester, Mass.
Mears-Slayton Lumber Co., 1237 Blemont av, Chicago, Ill.
Meatyard Constr. Co., Wilkins Bldg., Washington, D. C.
Mebane Bedding Co., Mebane, N. C.
Meccano Co., toy metal bldg. matls., 46 W. 24th, New York.
Mechanic Falls Brick Co., Mechanic Falls, Me.
Mechanical Accountant Co., adding & computing machs., 17 Warren, Providence, R. I.
Mechanical Appliance Co., machsts., Milwaukee, Wis.

Mechanical & Electrical Mfg. Co., carburetors, joints, lubricators, etc., 2227 Prairie av, Chicago, Ill.
Mechanical Equip't Co., steam & hot water htg. contr., 206 Centre, New York.
Mechanical Fabric Co., rubber carriage cloth, etc., 40 Sprague, Providence, R. I.
Mechanical Handles Co., machsts. & fndrs., Hudson, N. Y.
Mechanical Mach. & Tool Wks., 549 Fulton, Chicago, Ill.
Mechanical Mfg. Co., road scrapers, packing house machy., Union Stock Yards, Chicago, Ill.
Mechanical Mold & Machine Co., Akron, Ohio
Mechanical Nov. & Mfg. Co., toys, St. Louis, Mo.
Mechanical Rubber Co., washers, cotton & air brake hose, etc., 73 Reade, New York.
Mechanical Specialties Co., automobile & pipe wrenches, ratchets, pliers, tools, etc., 122 S. Michigan av, Chicago, Ill.
Mechanics' Foundry & Machine Co., castings & engines, Fall River, Mass.
Mechanics Furniture Co., music cabinets, Rockford, Ill.
Mechanics Iron Foundry Co., 38 Kemble, Rox., Boston, Mass.
Mechanics Iron Wks., 909 S. Ewing av, St. Louis, Mo.
Mechanics Machine Co., Rockford, Ill.
Mechanics Paint Co., 707 S. 4th, St. Louis, Mo.
Mechanics' Planing Mill Co., lbr. mfrs., 3742 N. B'way, St. Louis, Mo.
Mechanics' Planning Mill Co., sash, door & blind mfrs., Evansville, Ind., & Fort Smith, Ark.
Mechanicsville Spec. Supply Mfg. Co., pipe cutters, Mechanicsville, N. Y.
Mechling Bros. Mfg. Co., chemicals, Camden, N. J.
Mechodoma, Antonin, archit., Box 104, San Juan, Porto Rico.
Mecke & Co., crude rubber, 44 Whitehall, New York.
Meckel, Fred L., tool bags, steel belts, jack-straps, etc., 11 E. 13th, Chicago, Ill.
Meckel, Jno., architect, Anderson, Ind.
Meckelburg, A. F., Sash & Door Co., 710 31st, Milwaukee, Wis.
Mecklenburg, B. O., architect, Newhouse Bldg., Salt Lake City, Utah.
Mecklenburg Iron Wks., Charlotte, N. C.
Mecklenburg Marble & Granite Co., Charlotte, N. C.
Mecky, A. Co., children's vehicles, 1707 W. Allegheny, Phila., Pa.
Medal Paving Brick Co., Swetland Bldg., Cleveland, Ohio.
Medart, Fred, Mfg. Co., playground & gymnasium equip. & steel lockers, Potomac & De Kalb sts., St. Louis, Mo.
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Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
Medary, M. B., Jr., architect, 15th & Walnut, Philadelphia, Pa.
Medders, T. L., & Co., contractors, Birmingham, Ala.
Meder Bros., corn brooms, Minneapolis, Minn.
Meder-Staudt Co., storage batteries, 649 W. 43d, New York.
Medford Iron Wks., Medford, Ore.
Medford Mill & Elevator Co., flour, Medford, Okla.
Medford Woolen Mfg. Co., felt boots & shoes, Medford, Mass.
Medina Bending Works, Medina, Ohio.
Medina Fdry. Co., Medina, N. Y., & Medina, Ohio.
Medina Iron & Brass Co., Medina, N. Y.
Medina Machine Co., machsts., Medina, Ohio.
Medina Stamping & Mach. Co., Medina, N. Y.
Medinger, Thom. G., chronometers, 16 Beaver, New York.
Medland Bros., contrs., Logansport, Ind.
Medoff, Barnet J., architect, 524 Walnut, Philadelphia, Pa.
Medora Canning Co., Medora, Ind.
Medora Shale Brick Co., Medora, Ind.
Medve, Peter, contr., 130 Lenox av, Bridgeport, Conn.
Medway Box Co., packing, Medway, Mass.
Mee, F. B., contractor, Yonkers, N. Y.
Meech Foundry & Castings Co., 9940 Meech av, S. E., Cleveland, Ohio.
Meehan Boiler & Const. Co., Lowellville, Ohio.
Meehan, James D., architect, 1511 First North, Syracuse, N. Y.
Meehan, Jas. F., architect, 1029 E. 163d, New York.
Meehan, Jno. F., stone prod., New Britain, Conn.
Meehan & Lambert, contrs., Willimantic, Conn.
Meehan, Thos., & Sons, landscape architects, 7106 Germantown, Phila. Pa.
Meek, A. E., Trunk & Bag Co., Denver, Colo.
Meek, B. F., & Sons, fishing reels, Louisville, Ky.
Meek, J. F., Co., advertising novelties, Coshocton, Ohio.
Meek, James Edwin, architect, 470 4th av, New York.
Meek Lumber Co., East Palestine, Ohio.
Meek Milling Co., flour, Marissa, Ill.
Meek Mfg. Co., Newburyport, Mass.
Meeker Advtg. Co., spec., 3rd st & Missouri av, Joplin, Mo.
Meeker Coal Co., Norwalk, Conn.
Meeker Fndry. Co., Newark, N. J.
Meeker, M. C., lumber, Occidental, Cal.
Meeker Mfg. Co., carriage axles, tires, wheels, etc., Dayton, O.
Meeker Union Foundry Corp., grey iron castings, Norwalk, Conn.
Meeker, Wm. M., architect, 9 Bloomfield, Passaic, N. J.
Meeker's Union Fndry. Corp., Norwalk, Conn.
Meeks, B. F., & Sons, fishing tackle mfrs., Louisville, Ky.
Meeks, Everett V., archit., 52 Vanderbilt av, New York.
Meerhoff, H. H., vault valves, water heaters, Richmond, Ind.
Meers, R., cornices, Joliet, Ill.
Meerse, J., mops, 1960 W. 6th, Cincinnati, Ohio.
Meese, G., & Co., corn brooms, Spokane, Wash.
Meese & Gottfried Co., machsts., 660 Mission, San Francisco, Cal.
Megargee Bros., blasting paper, Scranton, Pa.
Megargee Paper Mills, Modena, Pa.
Megerly, Chas. O., machsts. & fndrs., Boyertown, Pa.
Megirian, Jno., architect, 38 W. 32d, New York.
Megler, J. G., & Co., canned goods, Brookfield, Wash.
Megquier & Jones Co., brass fndrs., etc., Portland, Me.
Megrail, Alfred H., architect, Stephen Girard Bldg., Phila., Pa.
Mehl Hardware Co., hardware (wholesale), Erie, Pa.
Mehl Machine Tool & Die Co., special machy., Roselle, N. J.
Mehl, Wm., landscape arch., Euclid & McPherson, St. Louis, Mo.
Mehlberger & Jones, mchsts & fndrs., Fort Smith, Ark.
Mehler & Eckstenkemper Lbr. Co., 901 Fehr av, Louisville, Ky.
Mehlin, Frank, mchsts., Belcher, La.
Mehlin, Paul G., & Sons, pianos, 4 E. 43d, New York.
Mehner, B. E., architect, Fond Du Lac, Wis.
Mehrhof Brick Co., Little Ferry, N. J.
Mehrhof, Philip, brick, Hackensack, N. J.
Mehring, F., fertilizer mfr., Bruceville, Md.
Mehring, H. B., & Co., mill & facty. supplies, York, Pa.
Mehring, John A., brick & tile, Napoleon, O.
Mehring & Kline Co., contractors, Spitzer Bldg., Toledo, O.
Mehring, S. D., carriages, Littlestown, Pa.
Mehring, Wm. M., cow milking machs., Keymar, Md.
Meicheimer, G. T., sash, door & blind, Elnora, Ind.
Meicher & Hadley, granite prod., Barre, Vt.
Meid, Frank, contractor, Farmers Trust Bldg., Indianapolis, Ind.
Meier-Andres Belting Co., 301 Market, Newark, N. J.
Meier Dental Mfg. Co., water htrs., 3927 Olive, St. Louis, Mo.
Meier, Hubert A., stone producers, Detroit, Mich.
Meier & James, contractors, Hazleton, Pa.
Meier Packing Co., meat packers, 577 W. Ray, Indianapolis, Ind.
Meier, Rudolph, architect, Lincoln Bldg., St. Joseph, Mo.
Meier, Theo. G., architect, Monadnock Bldg., San Francisco, Cal.
Meier-Wiese Co., structural iron work, Ft. Wayne, Ind.
Meier's, Jos., Sons, mill & facty. supplies, 306 Market, Newark, N. J.
Meigs, H. G., Co., masons' & builders' materials, West Allis, Wis.
Meigs Lumber & Mfg. Co., Meigs, Ga.
Meilicke Calculator Co., 350 N. Clark, Chicago, Ill.
Meilink Mfg. Co., filing cabinets, safes, etc., Toledo, Ohio.
Meinecke Mfg. Co., bamboo furniture, toys, children's carriages, etc., Richards, Milwaukee, Wis.
Meinersman, H. T., Co., landscape architects, Steger Bldg., Chicago, Ill.
Meinhardt, John, & Sons, contractors, Massillon, Ohio.
Meinig, E. Richard, Co., gloves & mittens, Reading, Pa.
Meinken, Detrich, contractor, 2126 Western av, Cincinnati, Ohio.
Meirowsky Brothers, raw & manufd. mica, insulating cloths, tapes, etc., Jersey City, N. J.
Meisel, Ferdinand, cornices, 1439 N. Halsted, Chicago, Ill.
Meisel Press Mfg. Co., gears, also printing presses & paper slitting & winding machinery mfrs., 942 Dorchester av, Boston, Mass.
Meiser, G. H., & Co., vulcanizers, 6823 So. Chicago av, Chicago, Ill.
Meiser, H., & Son, fndrs., 204 Clay, Baltimore, Md.
Meisinger, Emil J., architect, 394 Graham av, Brooklyn, N. Y.
Meislahn, C. F., & Co., mattresses, 19 Clay, Baltimore, Md.
Meisle, G., & Bro., packing box mfrs., 217 New, Phila., Pa.
Meisselbach, A. F., & Bros., fishing reels, can openers, etc., 29 Congress, Newark, N. J.
Meisselbach-Catucci Mfg. Co., gears, machine tools, etc., 25 Congress, Newark, N. J. *See adv. index at end of book.*
Meissner, Henry C. L., architect, Superior, Wis.
Meister, A., & Sons Co., auto. metal bodies, & Carriages, Sacramento, Cal.
Meister Bros.-Bracht Co., plumbers' supplies, jobbers, Ft. Smith, Ark.
Meister, C. M., mach. & fndr., Muskogee, Okla.
Meister & Cochran, mchsts. & fndrs., Sterling, Ill.
Meister Contr. Co., Dunkirk, N. Y.
Meister Piano Co., 470 4th av, New York.
Meister, R., & Son, machsts., Bay City, Mich.
Meixel, Coleman & Co., lumber, Montgomery, Pa.
Melan, Henry J., contractor, Wilkes-Barre, Pa.
Melaun, Ernest, architectural iron, Indianapolis, Ind.
Melbourne Bros. Co., contrs., Canton, Ohio.
Melbourne, Frank J., contractor, 45 Kearney, San Francisco, Cal.
Melby & Standel, contrs., Grand Forks, N. D.
Melchoirs, Peter, Mach., Works, Omaha, Neb.
Meldahl, Jens J., architect, 343 S. Dearborn, Chicago, Ill.
Meldrim & Sinclair, turpentine, Sinclair, Fla.
Melee, Owen J., dock bldrs., Long Branch, N. J.
Melendy, C. F., shooks-box, Nashua, N. H.
Melendy, Geo. E., architect, Orange, N. J.
Melidossian, G. G., architect, Farragut av, Providence, R. I.
Melillo Constr. Co., 4215 3rd av, New York.
Melin, Chas. W., architect, 1302 Columbia av, Rogers Park, Ill.
Melin-Winkel Piano Co., South Haven, Mich.
Melind Louis Co., stamps, 183 W. Madison, Chicago, Ill.
Meline, Frank L., archit., 6778 Hollywood av, Los Angeles, Cal.
Meliorate Mfg. Co., sleeve wire connectors, 809 Lexington av, Brooklyn, N. Y.
Mell, Marvin M., & Co., masons' & bldrs.' matls., Akron, O.
Mell-Vaill Lumber Co., Kane, Pa.
Mellen, Daniel W., contractor, Springfield, Mass.

Mellen Lumber Co., Mellen, Wis.
Mellen & Walker, architects, 101 Park av, New York.
Mellen, Walter L., contractor, 41 Queen, Worcester, Mass.
Mellinger, I. F., masons' & bldrs.' matls., Leetonia, O.
Mellin's Food Co., 261 Franklin, Boston, Mass.
Mellish-Hayward Co., htg. contrs., 213 W. Austin av, Chicago, Ill.
Mellon, Edward P., architect, 52 Vanderbilt av, New York.
Mellon & Storm Mfg. Co., machsts., St. Louis, Mo.
Mellor Box Opener Co., Sedalia, Mo.
Mellor, Jos., mach. & fdr., Aspen, Colorado.
Mellor & Meigs, architects, 205 S. Juniper, Phila., Pa.
Mellott Furnace Co., 955 Liberty av, Pittsburgh, Pa.
Mellow & Storm Mfg. Co., spring beds, 10th & Mullanphy, St. Louis, Mo.
Mellus Bros. & Co., ore bags, Los Angeles, Cal.
Melmore Stone Co., Toledo, Ohio.
Melody & Keating, contractors, Bailey Bldg., Phila., Pa.
Melone-Bovey Lbr. Co., 1228 S. 4th, Minneapolis, Minn.
Melophone Talking Co., 376 Lafayette, New York.
Meloy, A. S., architect, P. O. Arcade, Bridgeport, Conn.
Meloy, Fred., contr., Lowell, Mass.
Meloy, John F., contractor, Shelbyville, Ind.
Melrose Constr. Co., 4215 3rd av, New York.
Melrose Granite Co., St. Cloud, Minn.
Melrose Mill Co., sash, door & blind mfrs., 2707 Clybourn av, Chicago, Ill.
Melrose Milling Co., flour, Melrose, Minn.
Melter, Larkin Paving Co., 133 W. Washington, Chicago, Ill.
Melton Construction Co., Real Estate Trust Bldg., Washington, D. C.
Melton Hardware Co., Meridian, Miss.
Melton-Rhodes Co., filing cabinets & devices, Greensboro, N. C.
Melville, Frank L., rust preventive, Bayonne, N. J.
Melville Woolen Co., woolen flannels, Chambersburg, Pa.
Melvin Bros. Pattern Wks., 37½ S. Scioto, Columbus, Ohio.
Melvin, Thos. H., contractor, 525 E. 9th, Wilmington, Del.
Melvin Tile & Brick Co., Melvin, Ohio.
Melzer, William, stone producers, Clintonville, Wis.
Memler, Arthur H., architect, Lissner Bldg., Los Angeles, Cal.
Memphis Asphalt & Paving Co., Memphis, Tenn.
Memphis Bag Co., Memphis, Tenn.
Memphis Boiler Works, Memphis, Tenn.
Memphis Brass Valve Works, mchsts. & fdrs., Memphis, Tenn.
Memphis Bridge Co., steel structural, Memphis, Tenn.
Memphis Broom & Brush Co., Memphis, Tenn.
Memphis Coffin Co., Memphis, Tenn.
Memphis Cornice & Roofing Co., Memphis, Tenn.
Memphis Hardwood Flooring Co., Memphis, Tenn.
Memphis Heating Co., Memphis, Tenn.
Memphis Iron & Metal Co., Memphis, Tenn.
Memphis Machine Works, Memphis, Tenn.
Memphis Mattress Co., Memphis, Tenn.
Memphis Repair Works, mchsts. & fdrs., Memphis, Tenn.
Memphis Rice Mill, Memphis, Tenn.
Memphis Sash & Door Co., Memphis, Tenn.
Memphis Stave Mfg. Co., cooperage stock, Memphis, Tenn.
Memphis Steel Constr. Co., towers & tanks, Magee Bldg., Pittsburg, Pa.
Memphis Veneer & Lumber Co., Memphis, Tenn.
Menan Milling Co., flour, Menan, Idaho.
Menasha Carton Co., folding paper boxes, Menasha, Wis.
Menasha Mfg. Co., sash, door & blind, Menasha, Wis.
Menasha Paper Co., Ladysmith, Wis.
Menasha Printing Co., paper mill, Menasha, Wis.
Menasha Wood Split Pulley Co., Menasha, Wis.
Menasha Wooden Ware Co., Menasha, Wis.
Mench, S. B., & Co., pckg., box mfrs., 2031 E. Fletcher, Phila., Pa.
Menconi & Ardolino, architects, 335 W. 24th, New York.
Menczer, E. A., machsts., Los Angeles, Cal.
Mendel Drucker Co., trunks, 708 Walnut, Cincinnati, Ohio.
Mendel, Louis L., architect, Oriental Bldg., Seattle, Wash.
Mendell Mfg. Co., switches, connectors, etc., New Bedford, Mass.
Mendelson, Her., bath'g suit, sweaters, etc., mfrs., 159 Court, Brooklyn, N. Y.
Mendenhall, C. S., maps, Cincinnati, Ohio.
Mendenhall, Hayes & Son, contractors, Drexel Bldg., Phila., Pa.
Mendes Cutting Factories, drills, etc., 14 John, New York.
Mendleson, A., Sons, lye, Albany, N. Y.
Mendlik Bros., contrs., Lowell, Mass.
Mendocino Lumber Co., Crocker Bldg., San Francisco, Cal.
Mendon, Theo., contrs., Racine, Wis.
Mendota Mfg. & Transfer Co., mchsts. & fdrs., rakes, Mendota, Ill.
Mendoza, Frank, & Son, canned goods, Dighton, Mass.
Mendum, Jos. W., cornices & skylights, 278 Bennington, E. B., Boston, Mass.
Meneely Bell Co., bell founders, Troy, N. Y.
Menefee Art Stone Co., Ft. Wayne, Ind.
Menefee Fdry. Co., Ft. Wayne, Ind.
Menefee, L. B., Lbr. Co., N. W. Bank Bldg., Portland, Ore.
Meng, Anthony, & Co., masons' & bldrs.' matls., 17 S. Front, Philadelphia, Pa.
Menge, John, Jr., architect, Matthews Bldg., Milwaukee, Wis.
Menge Marine Hardware & Supply Co., 338 Camp, New Orleans, La.
Menge, Wm., machsts., Dolgeville, N. Y.
Mengel Box Co., Louisville, Ky.
Mengel, C. C., & Bro., veneer mfrs., Louisville, Ky.
Mengel, E. T., lbr. mfrs., Bay City, Mich.
Menke, Chas., children's carriages, 535 E. 15th, New York.
Menke, F. W., Stone & Lime Co., Quincy, Ill.
Menke-Grimm Planing Mill Co., lbr. mfrs., Quincy, Ill.
Menke, Thielberg Co., contractors, 139 N. Clark, Chicago, Ill.
Meno Milling Co., flour, Meno, Okla.
Menominee Brick Co., Menominee, Mich.
Menominee Elec. Mfg. Co., teleg. instrs., Menominee, Mich.
Menomonee Falls Mfg. Co., mchsts. & fdrs., Menomonee Falls, Wis.
Menominee Motor Truck Co., Menominee, Mich.
Menominee River Shingle Co., Menominee, Mich.
Menominee River Sugar Co., Menominee, Mich.
Menominee Saw Co., Menominee, Mich.
Menominee Stained Glass Co., Menominee, Mich.
Menominee White Cedar Co., lumber mfrs., Menominee, Mich.
Menomonie Milling Co., flour, Menomonie, Wis.
Menough Foundry Co., Wellsville, Ohio.
Menough, Jas. L., & Son, contractors, York, Pa.
Mente & Co., burlap, Robin & S. Peters, New Orleans, La.
Mentel, C. G., architect, 422 Federal, Ptg., Pa.
Mentels The, machsts., gas stoves, Springfield, Ohio.
Mentges Folder Co., circular & paper folding machines, Sidney, Ohio.
Mentz, Geo. B., Co., brick molds, Wallkill, N. Y.
Mentzer, J. P., storage batteries, 2210 S. Park av, Chicago, Ill.
Mentzer, Samuel F., contractor, Harrisburg, Pa.
Menzel & Jeffrey Co., fndrs., 900 S. 4th, Minneapolis, Minn.
Menzel Trunk Co., 902 Main, Cincinnati, Ohio.
Menzel, Wm. & Son, wood preservatives & shingle stains, 64 Broad, New York.
Menzies & Menzies, cornices, 196 Orange, New Haven, Conn.
Mepham, Geo. S., & Co., clays, metal polish, paint mfrs., etc., 20th & Lynch, East Et. Louis, Ill.
Meramec Portland Cement & Material Co., Syndicate Trust Bldg., St. Louis, Mo.
Mercantile Box Co., packing, 318 Market, San Francisco, Cal.
Mercantile Corp., plain envelopes, 120 B'way, New York
Mercantile Lumber Co., Jackson, Miss.
Mercantile Tie & Timber Co., Kansas City, Mo.
Mercantile Warehouse Co., broom & whisk sew'g machs., 53 Beach, New York.
Merced Lumber Co., Merced, Cal.
Mercedita Sugar Co., 129 Front, New York.
Mercer Automobile Co., Trenton, N. J.
Mercer, Brannun & Bevington Co., masons' & bldrs.' matls., Fairmount, Ind.
Mercer, F. T., Co., contractors, 1706 Delancey, Phila., Pa.
Mercer, Geo. W., Constr. Co., Perth Amboy, N. J.
Mercer Mfg. Co., wall ties, Mercer, Pa.
Mercer Milling Co., flour, Baldwinsville, N. Y.
Mercer Pottery Co., Trenton, N. J.
Mercer Rubber Co., air drill hose, 95 Broad, New York.
Mercer Rubber Co., Hamilton Sq, N. J.
Mercereau Bridge & Construction Co., Pacific Electric Bldg., Los Angeles, Cal.
Mercereau-Hawkins Tie Co., Huntington, W. Va.
Merchandise & Laundry Tag Co., 19 Washington, Boston, Mass.
Merchant, A. W., contractor, 86 Weybosset, Providence, R. I.
Merchant, Alexander, architect, 363 George, New Brunswick, N. J.
Merchant Box & Cooperage Co., packing box, Gloucester, Mass.
Merchant & Evans Co., sheet metal workers machines & tools, etc., 2035 Washington av, Philadelphia, Pa.
See adv index at end of book.
Merchant, P. A., mchsts. & fndrs., Guilford, N. Y.
Merchants Despatch Transportation Co., gondola & refrigerator cars, East Rochester, N. Y.
Merchants Distilling Co., Terre Haute, Ind.
Merchants Steel & Supply Co., R. R. Equipments, 208 S. La Salle, Chicago, Ill.
Merchants Stone Co., Joliet, Ill.
Mercier Bryan-Larkins Brick Co., Detroit, Mich.
Mercier, John A., contractor, Hammond Bldg., Detroit, Mich.
Merck & Co., chemicals, 45 Park pl, New York.
Mercurio Bros. Spaghetti Mfg. Co., canned, St. Louis, Mo.
Mercury Machine Co., 2127 N. Broad, Philadelphia, Pa.
Mercury Mfg. Co., storage battery trucks & auto bldrs., 4118 S. Halsted, Chicago, Ill.
Mercury Mfg. Co., typewriter ribbons, Rochester, N. Y.
Meredith Bros. Co., contractors, 1043 Kinnikinnic av, Milwaukee, Wis.
Meredith Casket Co., Meredith, N. H.
Meredith, J. P., Cedar Co., Memphis, Tenn.
Meredith Linen Mills, towels, 79 Milk, Boston, Mass.
Mereen-Johnson Mach. Co., 4400 Lydale av, N., Minneapolis, Minn.
Meremec-Portland Cement & Material Co., sand & gravel dlrs., St. Louis, Mo.
Meres, F. Guy, architect, Mount Kisco, New York
Mergenthaler Co., reamers, mfrs., Baltimore, Md.
Mergenthaler Linotype Co., type sett'g & distribut'g mach'y, 154 Nassau, New York.
Mergenthaler, Richard H., architect, Atlantic City, N. J.

Meriam Co., gas engine indicators, 1514 Prospect av, Cleveland, O.
Mericle, Aaron, brick, Fort Jennings, Ohio.
Meriden Britannia Co., table silverware, Meriden, Conn.
Meriden Cut Glass Co., Meriden, Conn.
Meriden Cutlery Co., Meriden, Conn.
Meriden Fire Arms Co., rifles, guns, &c., Meriden, Conn.
Meriden Machine Tool Co., Meriden, Conn.
Meriden Optical & Jewelry Co., Meriden, Conn.
Meriden Press & Drop Co., mchsts. & Fdrs., Meriden, Conn.
Meriden Silver Plate Co., Meriden, Conn.
Meridian Fertz Factory, Meridian, Miss.
Meridian Mattress Factory, Meridian, Miss.
Meridian Mill Co., flour, Meridian, Tex.
Merillat Culvert Core Co., concrete forms, Winfield, Ia.
Merion Lime & Stone Co., Norristown, Pa.
Merion Paper Co., binder boards, 2447 Locust, Phila, Pa.
Meritas Mills, cotton, duck & canvas, 320 B'way, N. Y. City
Meritt S. Whyte Co., piston rings, 697 W. 133rd, N. Y. City.
Merkel, A. P., agricultural machy., Fleetwood, Pa.
Merkel Bros. Co., plumber's mill & fcty. supplies—jobbers, Canal & Jackson, Cincinnati, O.
Merkel Herman, gasoline lamps, 511 Elm, St. Louis, Mo.
Merker & Wirsing, carriages, Belleville, Ill.
Merkle-Wiley Broom Co., Paris, Ill.
Merle Hy. J. & Co., hardware mfrs., 1112 W. 22d, Chicago, Ill.
Merrall, F. R., & Co., pack'g box mfrs., 505 E. 18th, New York.
Merrell Canning Co., Harlan, Ia.
Merrell Co., wholesale hardware, Toledo, O.
Merrell Mfg. Co., pipe threading & cutting machines, 278 Curtis, Toledo, Ohio.
Merrell-Soule Co., canned goods, Syracuse, N. Y.
Merrell, W. S., Chemical Co., salicylic acid, 5th, Pike & Butler, Cincinnati, Ohio.
Merriam A. Co., piano benches, South Acton, Mass.
Merriam F. M., brass castings, Utica, N. Y.
Merriam Mfg. Co., fishing tackle boxes, Durham, Conn.
Merrick Chas. H., brick, Syracuse, N. Y.
Merrick, Chas. V., archit., 25 Washington av, Albany, N. Y.
Merrick Fredc. I., architect, Empire bldg., Pittsburgh, Pa.
Merrick Lumber Co., packing box & sash, door & blind mfrs., Holyoke, Mass.
Merrick & Pembler, architects, 51 State, Albany, N. Y.
Merrick Scale Mfg. Co., Passaic, N. J.
Merrifield, A. M., lumber, Williamsville, Vt.
Merrifield Co., killers-fly, swatters, Springvale, Me.
Merrifield, J. E., stone producers, Boonville, Mo.
Merrill Bros., iron & steel forgings, 3 Arnold, Maspeth, N. Y. *See adv index at end of book.*
Merrill Bros. Co., silver nov., 222 Green, Newark, N. J.
Merrill C. N. & Son, mason's & blds. matls., Bristol, N. H.
Merrill, Chas. B., & Co., landscape archt., 53 Bowers, Newtonville, Mass.
Merrill Co., htg. contrs., 19 Pearl, Boston, Mass.
Merrill & Co., lbr. mfrs., 1700 Brooklyn av, Kansas City, Mo.
Merrill Constr. Co., Century Bldg., St. Louis, Mo.
Merrill, E. R., Spring Co., ellptic & auto, 530 W. 28th, New York.
Merrill, F. H., architect, Yarmouthville, Me.
Merrill, Francis S., carriage wheels, Amesbury, Mass.
Merrill, Geo. B., & Co., granite, Lynn, Mass.
Merrill, Geo. E., architect, 109 Broad, New York.
Merrill Iron Works, machsts. & fndrs., Merrill, Wis.
Merrill, J. W., Lbr. Co., sash, door & blind mfrs., Southwest blvd & Summit, Kansas City, Mo.
Merrill Metallurgical Co., 121 2d, San Francisco, Cal.
Merrill Process Co., industrial heating & ventilating engineers, Old South Bldg., Boston, Mass.
Merrill, Samuel S., contractor, Salem, Mass.
Merrill Silk Co., knitted gloves, Hornell, N. Y.
Merrill-Stevens Shipbldg. Corp., Jacksonville, Fla.
Merrill Veneer Co., Merrill, Wis.
Merrill, Wm. B., & Co., packing, Jamaica Plain, Boston, Mass.
Merrill, Willis, lumber mfrs., Butler Center, N. Y.
Merrill Woodenware Co., Merrill, Wis.
Merrill's, R., Sons, nautical instruments, 66 South, New York.
Merrimac Chemical Co., mrg. chemists, 148 State, Boston, Mass.
Merrimac Fdry. & Mach. Co., Lawrence, Mass.
Merrimac Mattress Mfg. Co., 129 Portland, Boston, Mass.
Merrimac Paper Co., Lawrence, Mass.
Merrimac Plating Wks., Merrimac, Mass.
Merriman Bros., megaphones, tackle blocks, etc., 185 Armory, Jamaica Plain, Boston, Mass.
Merritt & Chapman Derrick & Wrecking Co., 17 Battery pl, New York.
Merritt, F. M., wire hooks, Penn Yan, N. Y.
Merritt Hardware Co., Macon, Ga.
Merritt Hydraulics Co., 110 N. Broad, Philadelphia, Pa.
Merritt, Jas. H., & Co., steam htg. contrs., 244 Water, New York.
Merritt & Jarvis, contractors, 12 Marshall, Boston, Mass.
Merritt Mfg. Co., machsts. & fndrs., Lockport, N. Y.
Merritt, Mortimer C., architect, 1170 B'way, New York.
Merritt, R. B., & Son, canned goods, Warwick, Md.
Merritt, W. H., contractor, Moorhead, Minn.
Merrow Machine Co., Hartford, Conn., & Salem, Mass.
Merrow Packing Co., meat, Auburn, Me.
Merry Bros., brick, Augusta, Ga.
Merry Steel Truck Co., Augusta, Ga.
Merryday Grocery Co., Palatka, Fla.
Merryman, Ridgeway, lbr. mfrs., Marine Bk. Bldg., Balto., Md.
Merryman, S. Howard, incubators, Towson, Md.
Mersch, Frank, & Sons, stone, 1037 Wade, Cincinnati, Ohio.
Mersereau Metal Bed Co., machsts. & fndrs., 292 Johnson av, Jersey City, N. J.
Mersereau, Wm. H., architect, 32 B'way, New York.
Mersfelder's, W. L., Pattern Wks., Lawrence & Friendship, Cincinnati, Ohio.
Mershon, Eddy, Parker Co., Mershon Station, Saginaw, Mich.
Mershon, John D., Lbr. Co., Saginaw, Mich.
Mershon & Morley Co., portable houses, Saginaw, Mich.
Mershon Patent Shaking Grate Wks., 147 N. 3d, Phila., Pa.
Mershon, W. B., & Co., machsts., Saginaw, Mich.
Mersick, C. S., & Co., mill & facty. & plumbers' supplies—jobbers, wholesale hdwe., New Haven, Conn.
Mersman Bros., battery holders, Ottawa, Ohio.
Mertens, Paul, architect, Rahway, N. J.
Mertes Machy. Co., dealers, 153 Barclay, Milwaukee, Wis.
Mertes-Miller Co., boilers, 239 Lake, Milwaukee, Wis.
Mertin, Adolph, architect, 34 W. 28th, New York.
Mertz, F. C., contractor, Port Chester, N. Y.
Mertz, John, Mfg. Co., stamping works, Sandusky, Ohio. *See adv index at end of book.*
Mertz Matt Co., bldg. contrs., Oshkosh, Wis.
Mertz Oil Co., bodies, auto, 704 Woodland, Cleveland, Ohio.
Mertz & Sons, cornices, Sandusky, Ohio.
Mertz's, Geo., Sons, rope mouldings, contrs., Port Chester, N. Y.
Merwin & Brown Co., mill & facty. supplies, Winsted, Conn.
Merwin, C. P., Brick Co., Berlin, Conn.
Merwin Mfg. Co., sheet metal stampings, Erie, Pa.
Merwin Paper Co., Rainbow, Conn.
Merwin Paper Co., press papers & boards, Hartford, Conn.
Mery, M. L., machinist, Chico, Cal.
Merz Bros., carriages, 9 Crawford, Newark, N. J.
Merz, N., & Son, machsts. & fndrs., Salem, Ill.
Mesa Flour Mill Co., Grand Junction, Colo.
Mesaba Boiler & Mfg. Co., Duluth, Minn.
Mesce, Pasquale, stone producers, 1659 N. Western, Chicago, Ill.
Meserve, Geo. N., architect, 95 Milk, Boston, Mass.
Mesker Bros. Iron Co., steel structural wk., 421 S. 6th, St. Louis, Mo.
Mesker, Geo. L., & Co., steel awnings, railings, ceilings; iron stair bldrs., etc., Evansville, Ind.
Mesmer & Rice, contrs., Marsh-Strong Bldg., Los Angeles, Cal.
Mess, Henry G., archt., 1004 Ontario, Niagara Falls, N. Y.
Mess, Matthew, lbr. mfrs., Wellsville, N. Y.
Messenger, Benj., glass stainers, Erie, Pa.
Messenger Bros., stone producers, Steelton, Pa.
Messenger, F. H., Co., paint mfrs., Auburn, N. Y.
Messenger, H. B., canned goods, Federalsburg, Md.
Messenger & Parks Mfg. Co., ceilings, tanks, ventilator mfrs., etc., Aurora, Ill.
Messenger, R. W., & Co., canned goods, Federalsburg, Md.
Messenger & Nichols, canned goods, Williamsburg, Md.
Messer Bros., stone producers, Brockton, Mass.
Messer & Co., welding & cutting app., oxyacetylene, 121 N. 7th, Philadelphia, Pa.
Messer, E. B., & Son, cornices & skylights, Hartley, Ia.
Messer, John B. (Est. of), brick, Easton, Pa.
Messer, Jos. J., wood mantels, 461 Central av, Newark, N. J.
Messer, Richard, stone, Claremont, N. H.
Messerschmidt, H. Carl, architect, Mutual Bldg., Richmond, Va.
Messersmith, Clarence, contractor, Pottsville, Pa.
Messick, A. J., lbr., Bethlehem, Md.
Messick, J. B., & Co., canned goods, Bethel, Del.
Messick, P. S., canned goods, Hurlock, Md.
Messick, R. M., & Sons, canned goods, Bethlehem, Md.
Messick, W. F., & Bro., canned goods, Salisbury, Md.
Messina, D. A., contrs., Silver Creek, N. Y.
Messinger, H. & F., Mfg. Co., shock absorbers, saddles & tires, Austin pl & 144th, New York.
Messinger Hardwood Lbr. Co., 2139 Elston av, Chicago, Ill.
Messinger, Jacob H., contractor, Nazareth, Pa.
Messinger Mfg. Co., agricultural implements, Tatamy, Pa.
Messinger Teaming & Supply Co., masons' & bldrs.' supplies, Easton, Pa.
Messinger's, H. C., Sons, machsts. & fndrs., Consohocken, Pa.
Messmer, Andrew, Co., fndrs., Patterson nr. Bank, Cincinnati, O.
Messmer, Fred, Mfg. Co., machsts. & fndrs., 2700 S. 7th, St. Louis, Mo.
Messmer, John P., architect, 140 4th, Weehawken, N. J.
Messmer, R. A., & Bro., archt., Majestic Bldg., Milwaukee, Wis.
Messner & Co., steam fitters' supplies, Cedar Rapids, Ia.
Mesta Machine Co., rolling mill & heavy power machy., Oliver Bldg., Pittsburgh, Pa. *See adv index at end of book.*
Metal & Alloy Spec. Co., Inc., Buffalo, N. Y.
Metal Barrel Co., Galesburg, Ill.
Metal Block Corp., brass ingots, 208 S. La Salle, Chicago, Ill.
Metal Block & Ingot Co., machsts., 2215 Elston av, Chicago, Ill.
Metal Canning Co., Meta, Mo.
Metal Cornice & Roofing Co., Front & Dickinson, Phila., Pa.
Metal Crafters, stamping & drawings, sheet metal, E. Stroudsburg, Pa. *See adv index at end of book.*
Metal Engng. Co., road culverts, Danville, Pa.
Metal Export Co. of America, 59 Pearl, New York.

Metal Forming Corp., mail boxes, Elkhart, Ind.
Metal Furniture Co., bedstead mfrs.; spring beds, Evansville, Ind.
Metal Hose & Tubing Co., hose mfrs., Raymond & Tillary, Brooklyn, N. Y. *See adv index at end of book.*
Metal Industry, trade publication, 99 John, New York.
Metal Office Furniture Co., Grand Rapids, Mich.
Metal Package Corp. of N. Y., decorated boxes & cans, 346 Carroll, Brooklyn, N. Y.
Metal Parts Mfg. Co., aeroplanes & supplies, 1084 E. 152nd, Cleveland, Ohio.
Metal Post & Culvert Co., Niles, Ohio.
Metal Products Co., iron composition & aluminum, 78 Portland, Boston, Mass.
Metal Products Co., Inc., 100 Jefferson, Chicago, Ill. *See adv index at end of book.*
Metal Products & Supply Co., iron bars, 1224-30 Washington, Philadelphia, Pa.
Metal Record & Electroplate, trade publication, 347 5th av, New York.
Metal Reversible Window Device Co., Fremont, Ohio.
Metal Sales Co., bearing metal, 805 Citizens Bldg., Cleveland, O.
Metal Seal & Decorating Co., crowns-cork, 798 10th av, New York.
Metal Shelter Co., port. fireproof garages, S. Wabash, St. Paul, Minn.
Metal Specialties Co., hot water bottles, Attleboro, Mass.
Metal Spec. Co., hdwe. mfrs.—stampings, 6th & Burns, Cincinnati, Ohio.
Metal Spec. Mfg. Co., lamp adapters, advertising novelties, etc., 338 N. Kedzie av, Chicago, Ill.
Metal Spec. Mfg. Co., machsts., 125 Patchen av, B'klyn, N. Y.
Metal Specialty Mfg. Co., steel bearing & burnishing balls, snap fasteners & button mfrs., Waterbury, Conn. *See adv index at end of book.*
Metal Stamping Co., auto. seats, carriage fasteners, etc., 13th, Long Island City, N. Y.
Metal Stamping Co., refrigerators, Jackson, Mich.
Metal Stamping Corp., Streator, Ill.
Metal Stamping & Mfg. Co., 15th & Oklahoma avs, Milwaukee, Wis.
Metal & Thermit Corp., welding process, railbonds & metals, 120 B'way, New York. *See adv index at end of book.*
Metal Toy Soldier Co., 156 Chestnut av, Jersey City, N. J.
Metal Treating & Equip. Co., cold process galvanizing, 252 Eagle, Brooklyn, N. Y.
Metal Welding & Supply Co., Denver, Colo.
Metal Wkr., trade publication, 239 W. 39th, New York.
Metaline Chemical Co., boiler compounds, 839 Society for Savings Bldg., Cleveland, Ohio.
Metallic Automobile Matting Co., 181 York, Rochester, N. Y.
Metallic Batten Co., Owensville, Ind.
Metallic Drawing Roll Co., machsts., Indian Orchard, Mass.
Metallic Gasket Co., Columbia & Center, Springfield, Ohio.
Metallic Mfg. Co., elec. light fix. mfrs., 544 W. 35th, Chicago, Ill.
Metallic Mfg. Co., ventilator mfrs., Camden, N. J.
Metallic Novelty Co., elec. light fix. mfrs., Troy, Ohio.
Metallic Sash Operator Co., sash operating devices, 2233 Chestnut, St. Louis, Mo.
Metallic Screen Co., Collins, Wis.
Metallic Sign Letter Co., 433 N. Clark, Chicago, Ill.
Metallurgical & Chem. Engin'g, trade publication, 10th av & 36th, New York.
Metals Coating Co. of Am., pneu. spray brushes, 100 Summer,, Boston, Mass.
Metals Disintegrating Co., mfrs. zinc dust, 3 S. William, New York.
Metals Production Equipment Co., commercial munition brass & strips & ducs, heavy grey iron castings, indust. heat treating furnaces & powdered coal equipt. mfrs., Springfield, Mass.
Metals Welding Plant, (Steel Products Co.), 4400 Perkins av, Cleveland, Ohio.
Metals Working Co., 305 5th av, Pittsburgh, Pa.
Metalwood Mfg. Co., hydraulic presses, Detroit, Mich.
Metalyte Co., lamps, 366 W. 15th, New York.
Metcalf, Chas., steam fitters' supplies, Streator, Ill.
Metcalf, E. J., sash, door & blind, Normal, Ill.
Metcalf, Fred L., architect, 143 North av, Plainfield, N. J.
Metcalf, J. C. Machy. Co., 102 Pearl, Boston Mass.
Metcalf J. J., mill & facty. supplies, Hopkinsville, Ky.
Metcalf, J. S., Co., grain elev. bldrs., 108 S. La Salle, Chicago, Ill.
Metcalf, O. F., & Sons, masons' & bldrs.' matls., Franklin, Mass.
Metcalf, Sam'l, machst. & fndr., Seabring, Brooklyn, N. Y.
Metcalfe, L. A., masons' & bldrs.' matls., 2433 Gilbert av, Cincinnati, Ohio.
Metcalfe, Louis R., architect, 2 W. 47th, New York.
Meteor Motor Car Co., Piqua, Ohio.
Methvin Hardware Co., Columbus, Ga.
Methvin & Maund, fertilizer mfrs., Dublin, Ga.
Metler, C. L., & Co., lumber, Flat Rock, Mich.
Met-ol Polish & Mfg. Co., 1027 Larrabee, Chicago, Ill.
Metric Metal Works, Erie, Pa.
Metric Packing Co., steam packing, 244 Kensington av, Buffalo, N. Y.
Metropolis Bending Co., neck yokes, Metropolis, Ill.
Metropolitan Air Goods Co., rubber goods, Reading, Mass.
Metropolitan Basket Co., wire, 151 Spring, New York.
Metropolitan Button Co., 133 W. 22d, New York.
Metropolitan Contracting Co., 102 S. Spring, Los Angeles, Cal.
Metropolitan Cut Glass Co., Metropolitan av, B'klyn, N. Y.
Metropolitan Dredging Co., 90 West, New York.
Metropolitan Elec. Mfg. Co., light switches & panel board cabinets, 524 1st, Seattle, Wash.
Metropolitan Engng. Co., elec. testing & measuring instruments, 35 Vestry, New York.
Metropolitan Engng. Co., incandescent cut-outs, 1250 Atlantic av, Brooklyn, N. Y.
Metropolitan Gas & Elec. Fix. Co., 1767 E. 55th, Cleveland, Ohio.
Metropolitan Glass Co., 1545 N. Western av, Chicago, Ill.
Metropolitan Imptg. & Mfg. Co., wall pockets & advtg. spec., 189-191 6th av, New York.
Metropolitan Iron Fndry., 890 Metropolitan av, Brooklyn, N. Y.
Metropolitan Iron & Steel Co., 560 W. 26th, New York City.
Metropolitan Match Co., 503 Market, San Francisco, Cal.
Metropolitan Material Co. green house materials, 1335 Flushing av, Brooklyn, N. Y.
Metropolitan Mattress Co., 47 Wareham, Boston, Mass.
Metropolitan Paint & Varnish Co., 322 Race, Philadelphia, Pa.
Metropolitan Paving Brick Co., Canton, Ohio.
Metropolitan Paving Co., 120 B'way, New York & St. Joseph, Mo.
Metropolitan Redwood Lumber Co., 112 Market, San Francisco, Cal.
Metropolitan Sewing Machine Co., Nyack, N. Y.
Metropolitan Weather Strip Co., 117 Chambers, New York.
Mets, P. A., Paint Co., 769 Clinton, Buffalo, N. Y.
Metsch, Cassius M., architect, East Liverpool, Ohio.
Metter Fertilizer Co., Metter, Ga.
Metz & Bowles, beading & crimping machines, Clinton, Ill.
Metz Bros. Co., contractors, 1295 Fillmore av, Buffalo, N. Y.
Metz Co., machsts. & fndrs., Waltham, Mass.
Metz Mfg. Co., lumber manufacturers, Dubuque, Ia.
Metz, Peter J., surface grinders, 1545 N. Western av, Chicago, Ill.
Metz & Schloerb, moccasins, Oshkosh, Wis.
Metz Struct. Steel Co., Bridgeport, Conn.
Metzger, Chas. S., contractor, Denckla Bldg., Philadelphia, Pa.
Metzger & Field, contractors, 47th & Bruce, Philadelphia, Pa.
Metzger & Fisher, contractors, Denckle bldg., Philadelphia, Pa.
Metzger, Geo. C., architect, 18 E. 41st, New York.
Metzger, Geo. J., architect, 19 W. Huron, Buffalo, N. Y.
Metzger, Harry, brooms, Muscatine, Ia.
Metzger, J., Mfg. Co., machsts., 2165 McLean av, Cincinnati, O.
Metzger, M., Co., signs, metal litho., 143 N. Wabash av, Chicago, Ill.
Metzger Mattress Co., spring beds, Atlanta, Ga.
Metzger, R. A., fly swatters, New Philadelphia, O.
Metzger, Richard, glass stainers, 54 Duryee, Newark, N. J.
Metzger Seed & Oil Co., Toledo, O.
Metzger, T. M., cornices & skylights, Los Angeles, Cal.
Metzler, J., & Sons Co., carriages, 158 E. Grand av, Chicago, Ill.
Metzler, Wm. G., contractor, 28 Paul pl, Buffalo, N. Y.
Metzner, Louis L., architect, 714 E. Penna, Evansville, Ind.
Meulenbergh, Emil C., contractor, 103 Park av, New York.
Meurer Bros. Co., ventilator, stove pipe & elbow mfrs., 575 Flushing av, Brooklyn, N. Y.
Meurer Steel Barrel Co., 575 Flushing av, Brooklyn, N. Y.
Meuron, F. A. de, architect, 31 E. 27th, New York.
Meuser Bros., pianos, Massillon, Ohio.
Meussdorffer, Conrad A., Humboldt Bk. Bldg., San Francisco, Cal.
Mexican Commercial & Agricultural Company, shipping & steamship agents, Delta Bldg., Los Angeles, Cal.
Mexican Crude Rubber Co., 668 Penobscot, Detroit, Mich.
Mexican Petroleum Co., Los Angeles, Cal.
Mey Chain Belt Co., machsts, Buffalo, N. Y.
Meyberg Co., elec. & gas light fixtures, Los Angeles, Cal.
Meyer, A., architects, Central Na. Bank Bldg., St. Louis, Mo.
Meyer, A. B., & Co., masons' & bldrs. matls., 17 N. Penn, Indianapolis, Ind.
Meyer, A., Co. bldg. contrs., Portland, Ore.
Meyer, A. F. Mfg. Co., portable grain elev., Morton, Ill.
Meyer, A. G., & Sons, stone producers, Mankato, Minn.
Meyer, Albert T., architect, 1059 Newberry, Toledo, Ohio.
Meyer & Anselm, architect'l & ornamental iron, 173 Van Sinderen av, Brooklyn, N. Y.
Meyer & Brenner, architects, Paul Jones bldg., Louisville, Ky.
Meyer Bros., stone, 342 E. North av., Milwaukee, Wis.
Meyer Bros., traveling bags, 234 N. Front, Philadelphia, Pa.
Meyer Bros. Saddlery Co., Sioux City, Ia.
Meyer & Brown, crude rubber, 347 Madison av, New York.
Meyer, C. G., & Son, auto tops, Tiffin, Ohio.
Meyer, C. R., Sons Co., contractors, Oshkosh, Wis.
Meyer, Chas., brick, Freelandville, Ind.
Meyer & Co., mchsts. & fndrs—self feeders, Throopsville, N. Y.
Meyer Const. Co., Merrill bldg., Milwaukee, Wis.
Meyer Contracting Co., 1182 Broadway, New York.
Meyer Corporation, hog oilers, feed grinders, etc., Morton, Ill.
Meyer, E. H., & Co., glass, paint, 35 E. Court, Cincinnati, Ohio.
Meyer, Edw., & Co., cornices, 212 Wade, Cincinnati, Ohio.
Meyer, Ed. H., contrs., Terre Haute, Ind.

Meyer, Eugene, mill & facty. supplies—whol. hdwe., Jefferson, Tex.
Meyer, F., & Bro. Co., mill & factory supplies; cornices ,tin plate, etc., Peoria. Ill.
Meyer, F. H., architect, 3019 Preston av, Houston, Tex.
Meyer, F. W., Co., printing inks, 46 Walworth, Brooklyn, N. Y.
Meyer Fdry. & Mfg. Co., South Bend, Ind.
Meyer, Fred. H., architect, 49 Geary Bldg., San Francisco, Cal.
Meyer, Fred'k C., grey iron & brass castings, Shelton, Conn.
Meyer, Frederick H., architect, 64 W. Randolph, Chicago, Ill.
Meyer Furnace Co., Peoria, Ill.
Meyer, G. A. & E., color mfrs., litharge & imports, 135 William, New York.
Meyer, G. E., & Son, cornice, South Bend, Ind.
Meyer, Geo. J., Malting Co., 1316 Niagara, Buffalo, N. Y.
Meyer, Geo. J., Mfg. Co., machsts.—boilers, 598 Clinton, Milwaukee, Wis.
Meyer, H. H., Packing Co., meat, Central av & Linn, Cincinnati, Ohio
Meyer, Hans, architect, Woodbridge, N. J.
Meyer, Harry C., architect, Zanesville, Ohio.
Meyer, Hy. H., Co., contractors' tool & supplies—mill & facty. supplies, 110 S. Howard St., Baltimore, Md.
See adv index at end of book.
Meyer, Henry W., archit., Old Nat'l Bank Bldg., Fort Wayne, Ind.
Meyer, J. C., & Co., thread, Lowell, Mass.
Meyer J. F. Mfg. Co., sashes, doors & blinds, Hannibal, Mo.
Meyer, J., & Sons, varnish gums, Bourse Bldg., Philadelphia, Pa.
Meyer, Jas. S., machy. dlr., Rockville, Mo.
Meyer, Jacob A., contractor, 382 Orms, Providence, R. I.
Meyer, John H., & Co., Inc., tire fabrics, 50 Union Sq., New York.
Meyer, Jos. F., Co., whol. hdwe., Houston, Texas.
Meyer, L. M., & Co., coal bags, contrs., tents, etc., Springfield, Mass.
Meyer, Louis, Co., meat packers, 374 Flushing av, Brooklyn, N. Y.
Meyer, Louis J., plated silverware, 804 Walnut, Philadelphia, Pa.
Meyer & Martin, contractors, 118 E. 88th, New York
Meyer, N., corn brooms, Green Bay, Wis.
Meyer, Otto C., & Co., boiler wks. & iron castings, 30 Franklin av, Brooklyn, N. Y.
Meyer & Peters, contrs., Quincy, Ill.
Meyer, R. M., masons' & bldrs.' matls., 3010 Jefferson av, W., Detroit, Mich.
Meyer & Ruh Co., mill & fcty. supplies, masons' & builders' materials, Bayonne, N. J.
Meyer Scale & Hdwe. Co., 409 Elizabeth av, Newark, N. J.
Meyer-Sniffin Co., plumbers' supplies—jobbers, 11 W. 36th, New York
Meyer, Theodore A., architect, 114 E. 28th, New York.
Meyer & Thomas Const. Co., contrs., East St. Louis, Ill.
Meyer, W. D., masons' & bldrs., matls., Quincy, Ill.
Meyer, W. F., Diamond Saw Co., mfrs., tools, jigs, dies and automatic machine parts, Bedford, Ind.
Meyer & Wenthe, numbering machines, stamps, stencils, etc., 108 N. Dearborn, Chicago, Ill.
Meyer, Wm., packing box mfr., 214 Quarry, Philadelphia, Pa.
Meyer, Wm., Co., batteries, rectifiers, vibrators, etc., 817 Washington, Chicago, Ill.
Meyer, Wm. D., masons' & bldrs.' supplies, 301 Delaware, Quincy, Ill.
Meyer, Wm., Son, contractors, Arlington Height, Ill.
Meyer, Wilson & Co., cement importers, 454 California, San Francisco, Cal.
Meyercord Co., transfer ornaments, advtg. signs, Cham. of Com., Chicago, Ill.
Meyerlambers, W. H., architect, Navastota, Texas.
Meyerowitz, E. B., surgical instruments, 237 5th av, New York.
Meyers, B. Frank, architect, Bond Bldg., Washington, D. C.
Meyers Broom Wks., Omaha, Neb.
Meyers Bros., brick, common, Azalia, Mich.
Meyers Bros., mill & facty. supplies, Charleston, W. Va.
Meyers, Chas. B., arcitect, 1 Union sq, New York.
Meyers, E. B., stone producers, Hanover, Pa.
Meyers, F. Guy Co., contractors, 908 Chestnut, Philadelphia, Pa.
Meyers, Fred J., Mfg. Co., ornamental wire, iron, brass & bronze work, Hamilton, Ohio. *See adv index at end of book.*
Meyers, H. J. & W. A., masons' & bldrs.' matls., Hooversville, Pa.
Meyers, Henry H., architect, Kohl Bldg., San Francisco, Cal.
Meyers, W. H., & Co., canned goods, Bryansville, Pa.
Meyers, Willard F., Machine Co., 614 Hamilton, Astoria, N. Y.
Meyler, Wm., Co., Ltd., contrs., 206 Quarry, Phila., Pa.
Meyne, Gerhardt F., contractor, 127 N. Dearborn, Chicago, Ill.
Meystre, Frede J., architect, 84 Washington, Hoboken, N. J.
Mezger, G., & Son, granite producers, 1032 W. Baltimore, Baltimore, Md.
M. & G. Mach. Co., 3918 Superior av, N. E., Cleveland, Ohio.
M.-H. Aterite Co., acid, cocks & valves, Paterson, N. J.
M. H. Foundry & Mfg. Co., Grey iron castings, Belleville, Ill.
Miami Boiler Compound Co., 505 Elm, Cincinnati, Ohio.
Miami Brass Fdry. Co., Dayton, Ohio
Miami Canning Co., Lebanon, O.
Miami Copper Co., 61 Broadway, New York.
Miami Cycle & Mfg. Co., Middletown, Ohio.
Miami Fertilizer Co., Hamilton, Ohio.
Miami Fdry. Co., Hamilton, Ohio.
Miami Garage, machinists, Miami, Fla.
Miami Paper Co., West Carrollton, Ohio.
Miami Stone & Gravel Co., 2103 Un. Cent. Bldg., Cincinnati, O.
Miami Trailer Co., auto truck trailers, Troy, Ohio.
Miami Valley Paint Co., wood fillers, Dayton, Ohio.
Miamisburg Paper Co., Miamisburg, O.
Mianus Mfg. Co., plushers—horse blankets, Coscob, Conn.
Mianus Motor Wks., machinists & fdrs., Stamford, Conn.
Mica Crystal Co., mica quartz—grit, Concord, N. H.
Mica Insulator Co., insulating mtrl. mfrs., 68 Church, New York
Mica Mfg. Co., 454 18th, Brooklyn, N. Y.
Micanopy Turpentine Co., Micanopy, Fla.
Michael, C. A., contr., Mattoon, Ill.
Michael Heating Co., Denver, Colo.
Michael, James, machinist, Lake Charles, La.
Michael, John M., canned goods, Aberdeen, Md.
Michael, M., & Bro., whol. hdwe., Paducah, Ky.
Michael Supply & Roofing Co., Talladega, Ala.
Michael, W. O., canned goods, Fountain Green, Md.
Michaelis, A. C., architect, Joplin, Mo.
Michaelis, Frederick H., architect, McGee Bldg., Kansas City, Mo.
Michael's Art Bronze Co., Covington, Ky.
Michaelsen, Christian S., archit., 80 E. Jackson blvd, Chicago, Ill.
Michaels, T. M., lumber manufacturers, Knoxville, Tenn.
Michalak, Albert, architect, 642 Becher, Milwaukee, Wis.
Michaud, Elmer J., lathes, doges, Willimantic, Conn.
Michel, J. G., architect, 323 45th, Brooklyn, N. Y.
Michel, Louis, scrap iron & steel, 560 Elk, Buffalo, N. Y.
Michel & Pfeffer, ornament'l iron, 1415-1431 Harrison, San Francisco, Cal.
Michelin Tire Co., Milltown, N. J.
Michelmann Steel Const. Co., boilers, stacks, tanks, etc., Quincy, Ill.
Michels, J. J., contractor, Houghton, Mich.
Michener, E. S., carbon removers, New Castle, Pa.
Michie, Andrew Y., hair cloth mfr., 5th & Columbia, Phila., Pa.
Michigan Alkali Co., chemicals, Wyandotte, Mich.
Michigan Ammonia Wks., ammonia concentrators, ft. Meldrum av, Detroit, Mich.
Michigan Auto Trailer Co., 224 21st, Detroit, Mich.
Michigan Bag & Paper Co., Jackson, Mich.
Michigan Bedding Co., mattresses, 262 Orleans, Detroit, Mich.
Michigan Bent Rim & Basket Mfg. Co., Lowell, Mich.
Michigan Bolt & Nut Wks., clamps, nuts, rivets, screws, &c., Detroit, Mich.
Michigan Brass & Iron Works, mchsts. & fdrs., Lansing, Mich.
Michigan Bridge & Pipe Co., steel structural wk., Lansing, Mich.
Michigan Builders' Supply Co., Dequindre & Forest, Detroit, Mich.
Michigan Carbon Works, bone black, Delray, Detroit, Mich.
Michigan Carton Co., Battle Creek, Mich.
Michigan Cash Register Co., 85 Porter, Detroit, Mich.
Michigan Casket Co., 245 Rivard, Detroit, Mich.
Michigan Chair Co., piano benches, Grand Rapids, Mich.
Michigan Chemical Co., ethyl & wood alcohol, Bay City, Mich.
Michigan City Lumber & Coal Co., masons' & bldrs.' matls., Michigan City, Ind.
Michigan College of Mines, eng'ng schools & colleges, Houghton, Mich.
Michigan Copper & Brass Co., rods, rolling mill, tubing, wire brass, etc., Detroit, Mich.
Michigan Cornices & Slate Works, 117 Fort, E., Detroit, Mich.
Michigan Crank Shaft Co., Lansing, Mich.
Michigan Desk Co., Grand Rapids, Mich.
Michigan Dredge Co., hoists, Bay City, Mich.
Michigan Elec. Welding Co., Detroit, Mich.
Michigan Enameling Works, Kalamazoo, Mich.
Michigan Engine Valve Co., machsts., 115 Columbia, W., Detroit, Mich.
Michigan Engng. Co., water softening, Union Trust Bldg., Detroit, Mich.
Michigan Felting Co., mattresses, Kalamazoo, Mich.
Michigan Forge & Iron Wks., 30 Richmond av, Detroit, Mich.
Michigan Game Board Mfg. Co., toys, games & nov., Flint, Mich.
Michigan Glass Works, Detroit, Mich.
Michigan Grey Iron Castings Co., fndrs., Harbaugh & C, Detroit, Mich.
Michigan Hardware Co., Grand Rapids, Mich.
Michigan Hearse & Motor Co., 1500 Union av, S. E., Grand Rapids, Mich.
Michigan Hoop & Stave Co., Marinette, Wis.
Michigan Knitting Co., Lansing, Mich.
Michigan Ladder Co., Ypsilanti, Mich.
Michigan Leather Packing Co., Detroit, Mich.
Michigan Lubricator Co., Detroit, Mich.
Michigan Lbr. Co., 929 E. St. Clair, Indianapolis, Ind.
Michigan Machy. Mfg. Co., dies & drills, Ypsilanti, Mich.
Michigan Malleable Iron Co., journal boxes, Delray, Detroit, Mich.
Michigan Mfg. & Lumber Co., fact'y trucks, Holly, Mich.
Michigan Maple Block Co., Petoskey, Mich.

Michigan Metal Spinning & Mfg. Co., copper floats, 528 Woodridge, E., Detroit, Mich.
Michigan Milling Co., flour, Ann Arbor, Mich.
Michigan Motor Casting Co., Flint, Mich.
Michigan Motor Specialties Co., battery connectors, holders, spark plugs, etc., 40 Dubois, Detroit, Mich.
Michigan Optical Co., Detroit, Mich.
Michigan Paper Co., Plainwell, Mich.
Michigan Paper Tube & Can Co., 9 Center, Detroit, Mich.
Michigan Paste & Mfg. Co., 711 Fort, W., Detroit, Mich.
Michigan Pattern Works, 1085 Jefferson av, E., Detroit, Mich.
Michigan Pipe Co., underground conduits, Bay City, Mich.
Michigan Plumbing Supply Co., 256 Jefferson av, Detroit, Mich.
Michigan Porcelain Insulator Co., Hastings, Mich.
Michigan Portland Cement Co., Chelsea, Mich.
Michigan Portland Cement Paving Co., sand dlrs., Detroit, Mich.
Michigan Press Co., Ypsilanti, Mich.
Michigan Pressed Brick Co., 480 Lawton, Detroit, Mich.
Michigan Pressed Steel Co., 229 Artillery, Detroit, Mich.
Michigan Refining & Preserving Co., Menominee, Mich.
Michigan Safety Furnace Pipe Co., 113 Fort, E., Detroit, Mich.
Michigan Salt Works, Marine City, Mich.
Michigan Sanitary Cloth Co., wiping cloths, Kalamazoo, Mich.
Michigan Saw Co., Saginaw, Mich.
Michigan Scrap Iron Co., Ironwood, Mich.
Michigan Screw Co., Lansing, Mich.
Michigan Show Case Co., 480 Fort, W., Detroit, Mich.
Michigan Smelting & Refining Co., smelters & refiners of lead, tin, etc., also copper bearing by-products, Detroit, Mich.
See adv index at end of book.

MICHIGAN SMELTING & REFINING CO.

Michigan Sprocket Chain Co., Delray, Detroit, Mich.
Michigan Stamping Co., Detroit, Mich.
Michigan State Agricultural College, eng'ng schools & colleges, Lansing, Mich.
Michigan Steel Boat Co., motor boats, Detroit, Mich.
Michigan Steel Casting Co., 248 Guion av, Detroit, Mich.
Michigan Storage Battery Co., 69 Atwater, E., Detroit, Mich.
Michigan Stove Co., electric cooking app., Adair & Jeff., E., Detroit, Mich.
Michigan Sugar Co., Eddy Bldg., Saginaw, Mich.
Michigan Supply Co., mill, facty. & plumbers' supplies, Lansing, Mich.
Michigan Tanning & Extract Co., Petosky, Mich.
Michigan Tea Rusk Co., cereal foods, Holland, Mich.
Michigan Tool Co., Detroit, Mich.
Michigan Trailer Co., auto. truck trailers, Kalamazoo, Mich.
Michigan Truck & Lumber Co., Holly, Mich.
Michigan Veneer Co., Alpena, Mich.
Michigan Washing Mach. Co., Muskegon, Mich.
Michigan Welding Co., Jackson, Mich.
Michigan Wheel Co., Grand Rapids, Mich.
Michigan Wire Cloth Co., 500 Howard, Detroit, Mich.
See adv. index at end of book.
Michigan Wire Fence Co., Adrian, Mich.
Michigan Wire Goods Co., potato scoops & ground mole traps, Niles, Mich.
Michigan Wood Preserving Co., creosoting wks., Pittsburgh, Pa.
Michigan Wool Boot Co., Hastings, Mich.
Michler, Wm. M., architect, Easton, Pa.
Michlovitz & Co., scrap iron, Harrisburg, Pa.
Mickelson, A. A., & Son, masons' & bldrs.' matls., Black Earth, Wis.
Mickelson, A. P., contractor, 511 9th, E., Salt Lake City, Utah.
Mickelson, Carl P., masons' & bldrs.' matls., Mason, Mich.
Mickle, Geo. T., Lumber Co., 30 N. La Salle, Chicago, Ill.
Mickle, H. L., Lumber Co., 914 2d Nat. Bk. Bldg., Cincinnati, O.
Mickler, O. O. Brick Co., Callahan, Fla.
Micro Piston Ring Co., 116 Nassau, New York.
Micrometer Balance Scale Co., balata & mchsts., Troy, N. Y.
Micropho Detectos Co., Inc., telephones, detectagraphs & audiphones, 26 Cortlandt, New York.
Mid-Co. Gasoline Co., Tulsa, Okla.
Middaugh, E. H., cornices, Kalamazoo, Mich.
Middaugh, L. G., architect, 3700 Roberts, Kansas City, Mo.
Middle Georgia Fertilizer Co., Dublin, Ga.
Middle States Constr. Co., 524 Hudson, Columbus, Ohio.
Middle States Oil Co., 848 B. of L. E. Bldg., Cleveland, Ohio.
Middle Tenn. Milling Co., flour, Tullahoma, Tenn.
Middle Valley Trap Rock & Mining Co., Middle Valley, N. J.
Middleburg Mills, tickings, Columbia, S. C.
Middleburg Stone Co., Elyria, Ohio.
Middlebury Marble Co., marble producers, Brandon, Vt.
Middleby-Marshall Oven Co., 769 W. Adams, Chicago, Ill.
Middleditch, Benj., buffing lathes, match plates, etc., Detroit, Mich.
Middleport Boiler Works, Middleport, O.
Middleport Brick Co., Middleport, Ohio.
Middlesex Aniline Co., Singer Bldg., New York.
Middlesex Machine Co., Lowell, Mass.
Middlesex Mach. Co., Inc., Middletown, Conn.
Middleton & Clark, masons' & bldrs.' matls., Highland Park, Ill.
Middleton Cooperage Co., lumber, Middleton, Mich.
Middleton, Howard W., Co., cement coated wire nails, 911 Callowhill, Philadelphia, Pa.
Middleton Union Warehouse Co., Middleton, Ga.
Middleton, Wm. B., architect, 110 W. Sidney av, Mount Vernon, N. Y.
Middletown Car Co., Middletown, Pa.
Middletown Coal Co., stone producers, Middletown, Conn.
Middletown Iron, Metal & Coal Co., Middletown, Pa.
Middletown Machine Co., mchsts. & fndrs., Middletown, Ohio.
Middletown Milling Co., flour, Middletown, Va.
Mideka Supply Co., mill & facty. supplies, Oklahoma, Okla.
Midgeley, Geo., sashes, doors & blinds, Eugene, Ore.
Midgley & Prentice, Inc., machy. & hdwe. dlrs., 30 Church, New York. *See adv index at end of book.*
Midland Brass Works, mchsts. & fndrs., Fort Worth, Tex.
Midland Bridge Co., Ry. Exch., Kansas City, Mo.
Midland Chemical Co., chloroform, Midland, Mich.
Midland Constr. Co., Lima, Ohio.
Midland Crusher-Pulverizer Co., 37 W. Van Buren, Chicago, Ill.
Midland Glass & Paint Co., Omaha, Neb.
Midland Glue Co., Madison, Ind.
Midland Knitting Mills, 1256 Clybourne av, Chicago, Ill.
Midland Linseed Products Co., 1254 Cham. of Com., Minneapolis, Minn.
Midland Mach. Co., fndry molding machines, Detroit, Mich.
Midland Metal Co., mchsts., 21st & Jefferson, Philadelphia, Pa.
Midland Metal Mfg. Co., Ottumwa, Ia.
Midland Petroleum Co., dealers, 111 W. Monroe, Chicago, Ill.
Midland Pottery Co., Zanesville, O.
Midland Steel Co., blast furnaces, Pittsburgh, Pa.
Midland Supply Co., baling presses, cigar lighters, etc., Davenport, Ia.
Midland Terra Cotta Co., 3 S. La Salle, Chicago, Ill.
Midland Tile Works, Midland, Mich.
Midmer, Reuben, & Son, organs, 375 Fulton, Brooklyn, N. Y.
Midnight Sun Packing Co., canned goods, Seattle, Wash.
Midvale Chemical Works, aniline oils, soap, etc., 610 Locust, St. Louis, Mo.
Midvale Mining & Mfg. Co., cements, compounds, ferro-alloys, etc., Central Nat'l Bk. Bldg., St. Louis, Mo.
Midvale Steel & Ordnance Co., Widener Bldg., Philadelphia, Pa.
Midway Milling Co., flour, Steeles Tavern, Va.
Mid-West Box Co., paper, Kokomo, Ind.
Mid-West Construction Co., Dwight Bldg., Kansas City, Mo.
Midwest Engine Co., air compressors & Diesel oil engines, Indianapaolis, Ind.
Mid-West Iron Works, Omaha, Neb.
Mid-West Refining Co., petroleum & its products, Denver, Colo.
Miehle Printing Press & Mfg. Co., 14th & Robey, Chicago, Ill.
Miehpaul Mfg. Co., sweaters, etc., Orchard & Tradl., Phila., Pa.
Mier Carriage & Buggy Co., Ligonier, Ind.
Mietz, August, engines, grey iron castings, pumps, etc., 138 Mott, New York.
Mifflinburg Body & Gear Co., Mifflinburg, Pa.
Mifflinburg Buggy Co., carriages, Mifflinburg, Pa.
Mignon Wireless Corp., Elmira, N. Y.
Mihll & Allegretti, letter openers, Geneva, N. Y.
Mikesell Bros. Co., asbestos gloves, carbon brushes, etc., 176-178 N. La Salle, Chicago, Ill.
Mikesell & Co., canned goods, Traverse City, Mich.
Milam, B. C., & Son, fishing reels, Frankfort, Ky.
Milan Independent, advtg. nov., 107 3d, Milan, Ill.
Milance, Dominic, contractor, 213 E. 183d, New York.
Milbrandt Mfg. Co., rolling & trolley ladders, 2419 N. 10th, St. Louis, Mo.
Milburn, A. Alex., Co., acetylene apparatus mfrs., Baltimore, Md.
See adv. index at end of book.
Milburn, Heister & Co., architects, Union Sav. Bk. Bldg., Washington, D. C.
Milburn Wagon Co., Toledo, Ohio.
Milbury Atlantic Mfg. Co., bathing suits, 543 B'way, New York.
Milden Packing Co., canned goods, Sharps, Va.
Mildner & Eisen, architects, Hammond Bldg., Detroit, Mich.
Mildrum, W. W., Jewel Co., East Berlin, Conn.
Miles & Brandt Co., contractors, Austell bldg., Atlanta, Ga.
Miles Bros., moving picture films, 1145 Mission, San Francisco, Cal.
Miles Bros. & Co., brushes, 1957 Pitkin av, Brooklyn, N. Y.
Miles Co., machsts., Jackson, Mich.
Miles, Franklins Co., screw mfrs., 205 Quarry, Phila., Pa.
Miles, Geo. W., chemists, 88 Broad, Boston, Mass.
Miles, Geo. W., Timber & Lbr. Co., Wright Bldg., St. Louis, Mo.
Miles Heating & Ventilating Co., Engnrs. Bldg., Cleveland, O.
Miles, Jas., & Sons Co., contractors, 393 Main, Worcester, Mass.
Miles Peach Bottom Slate Co., roofing slate mfrs., Delta, Pa.
Miles Planting & Mfg. Co., sugar refineries, Burnside, La.
Miles-Tighe Contr. Co., Easton, Pa.
Miley Soap Co., Providence, R. I.
Milford Canning Co., Milford, Ill.
Milford Granite Co., Milford, N. H.
Milford Iron Foundry, Milford, Mass.
Milford Lbr. Co., Milford, Del.
Milford Tool & Engng. Co., special tools for munition makers, Milford, Conn.
Milford, W., contractor, Calumet, Mich.
Milhaupt Co., carriages, Appleton, Wis.

Milholland, Geo., brick, Franklin, La.
Milholland, J. & J. B., Co., mchsts. & fdrs., 714 5th av, Pittsburgh, Pa.
Militaire Motor Vehicle Co. of Am,, Kensington av, Buffalo, N. Y.
Mill Hall Brick Wks., Mill Hall, Pa.
Mill & Mine Supply Co., Seattle, Wash.
Mill Remnants Co., polishing cloths, 19 Bond, New York.
Mill Shoals Canning Co., Mill Shoals, Ill.
Mill Shoals Cooperage Co., Mill Shoals, Ill.
Mill Specialties Co., mill & factory supplies, Westfield, Mass.
Mill Supply Co., machy. dlrs., Troy, N. Y.
Mill Supps., trade publication, 537 S. Dearborn, Chicago, Ill.
Millar, Allison R., contractor, Bay City, Mich.
Millar, Chas., & Son Co., whol. hdwe. & plumbers', mill & facty. supplies, etc., Utica, N. Y.
Millar & Ellis, architects, Hoge Bldg., Seattle, Wash.
Millar, Louis du P., architect, Pasadena, Cal.
Millar, R. J., architect, 37 Rodgers av, Pittsburgh, Pa.
Millar, R. M., Elec. Wks., 9 S. Clinton, Chicago, Ill.
Millard, Geo. P., scrap iron, Clyde, N. Y.
Millard, J. W., & Bro., naval architects, 17 State, New York.
Millard, Jas., & Son, mchsts, & fndrs., Kingston, N. Y.
Millard Lumber Co., New Hamburg, N. Y.
Millbourne, L. M., canned goods, Kingston, Md.
Millbridge Packing Co., Millbridge, Me.
Millbrook Co., contractors, 481 Morris Park av, New York.
Millbury Machine Co., Millbury, Mass.
Millbury Steel Foundry Co., steel castings, Millbury, Mass.
Milled Screw & Mach. Co., Sayre, Pa.
Milledgeville Brick Works, Milledgeville, Ga.
Milledgeville Oil Mills, Atlanta, Ga.
Millen Fertilizer Co., Millen, Ga.
Millen Portland Cement Co., Jamesville, N. Y.
Millen & Williamson, plate glass, 26 Kneeland, Boston, Mass.
Mille A. G., cooking apparatus, coffee urns, etc., 108 Centre, New York.
Miller, A. J., Four Point Hay Fork Co., Albion, Ill.
Miller, A. J., & Co., auto. metal bodies, Bellefontaine, Ohio.
Miller, A. K., architect, Penn Bldg., Pittsburgh, Pa.
Miller, A. L., Co., sash, door & blind, Conshohocken, Pa.
Miller, A. N., Saw Mill Co., ties, poles & posts, Seattle, Wash.
Miller, Alex., stone, Chester, Pa.
Miller Anchor Co., Norwalk, Ohio.
Miller, B. F., transformers, Trenton, N. J.
Miller, B. P., contractor, North Vernon, Ind.
Miller, Baker & Strengson Building Co., U. T. Bldg., Detroit, Mich.
Miller, Ballard P., flour mills, Newbern, Va.
Miller & Bauer, contractors, Panama Bldg., Portland, Ore.
Miller, Bonner & Co., soap, St. Louis, Mo.
Miller Bros., cornices & skylights, Milwaukee, Wis.
Miller & Borcherding, contractors, Frisco Bldg., St. Louis, Mo.
Miller Broom Co., La Crosse, Wis.
Miller Bros., auto. bodies, Amesbury, Mass.
Miller Bros., contractors, Shelbyville, Ky., & Youngstown, Ohio.
Miller Bros., sash, door & blind, Lebanon, Pa.
Miller Bros. & Co., canned goods, 901 S. Wolfe, Baltimore, Md.
Miller Bros. & Co., metal polish, 894 B'way, New York.
Miller Bros. Cutlery Co., ink erasers, knives & steel pens, Meriden, Conn.
Miller Bros. Hardware Co., Richmond, Ind.
Miller Bros. Lumber Co., Bellingham, Wash.
Miller-Bryant-Pierce Co., typewriter ribbons, carbons, etc., Aurora, Ill.
Miller, Burt F., architect, Brandeis Theatre Bldg., Omaha, Nebr.
Miller, Butterworth Co., contrs., Little Rock, Ark.
Miller, C. Brownlow, machsts., Canton, Ohio.
Miller, C. C., architect, Washington, N. C.
Miller, C. F., masons' & bldrs.' matls., Bedford, Ohio.
Miller, C. H., architect, Foxcroft Bldg., San Francisco, Cal.
Miller, C. H., Hardware Co., Huntingdon, Pa
Miller, C., & Son, cornices, Fort Wayne, Ind.
Miller, C. W., & Co., meat packers, Newark, Ohio.
Miller Cabinet Co., Rochester, N. Y.
Miller & Chaffee, architects, Jefferson City, Mo.
Miller, Chas., wrenches, Syracuse, N. Y.
Miller, Chas. A., Co., plumbers' wood work, pipes, etc., Sturgis, Mich.
Miller, Chas. E., archit., 116 Nassau, New York.
Miller, Chas. E., rubber goods, tires, etc., Anderson, Ind.
Miller, Chas. E., spark plugs, auto. horns & chains, 97 Reade, New York.
Miller, Chas. E., Brick Mfg. Co., York, Pa.
Miller, Chas. M., advtg. novelties, Newport, N. H.
Miller, Chas. R., Co., contractors, 556 Suzette, Memphis, Tenn.
Miller Chemical Engine Co., fire extinguishers, 222 W. Huron, Chicago, Ill.
Miller Chemical Engine Co., mchsts. & fdrs., 1411 W. 9th, Cleveland, Ohio.
Miller, Chester H., architect, 1st Sav. Bk. Bldg., Oakland, Cal.
Miller City Tile Co., Miller City, Ohio.
Miller, Clarence A., architect, 1738 Lamont av, Washington, D. C.
Miller, Clifford L., masons' & bldrs.' matls., 280 Madison av, New York.
Miller, Clyde, architect, 112 W. Adams, Chicago, Ill.
Miller & Co., buffing & polishing wheels, 12 William, Newark, N. J.
Miller Co., elec. lgt. plants, Clay Center, Kansas.
Miller Co., sand dlrs., Marshalltown, Iowa.
Miller Constr. Co., 530 Fernando, Pittsburgh & Lock Haven, Pa.
Miller, Cooper Ink Co., printing inks, Kansas City, Mo.
Miller & Coulson, masons' & bldrs.' matls., Diamond Bk. Bldg., Pittsburgh, Pa.
Miller & Cramer, fertilizer mfrs., Woodsboro, Md.
Miller & Crowningshield, bench milling machs., Greenfield, Mass.
Miller, D. C., stone producers, Newburgh, N. Y.
Miller, D. H., & Co., canned goods, Moneta, Va.
Miller, Dan, Buggy Co., carriages, Alton, Ill.
Miller, David, stone producers, wkrs. & dlrs., 315 E. 103d, New York.
Miller & Devore, sash, door & blind, Meadville, Pa.
Miller & Doing, roof'g tile, metals, etc., 60 York, B'klyn, N. Y.
Miller, Du Brul & Peters Mfg. Co., cigar & cigarette machy., 507 E. Pearl, Cincinnati, Ohio
Miller & Dyatt Co., contractors, 47 W. 34th, New York.
Miller, E. A., architect, 1816 Royal av, Portland, Ore.
Miller, E. H., cornices, Easton, Pa.
Miller, E. L., fertilizer mfrs., Washington, C. H., Ohio.
Miller, E. M., canned goods, Fincastle, Va.
Miller, E. M., Co., carriages, Quincy, Ill.
Miller, E. S., barrows, Stanwood, Ohio.
Miller, Earl F., architect, Manitowoc, Wis.
Miller, Edw., & Co., lamp burners, lamps, oil stoves, etc., Meriden, Conn.
Miller, Edw., Cornice & Roofing Co., Tacoma, Wash.
Miller, Edwin M., steel structural wk., Rialto Bldg., Kansas City, Mo.
Miller Engine Co., marine gasoline, 2329-31 N. Talman av, Chicago, Ill.
Miller, Enoch, sash, door & blind, Mifflinburg, Pa.
Miller-Enwright Co., wholesale hdwe. & plumbers' supplies, Sacramento, Cal.
Miller, F. H., contr., Louisville, Ky.
Miller, F. J., architect, People's Nat. Bk. Bldg., Scranton, Pa.
Miller, F. K., soap, Reading, Pa.
Miller, F. W., Heating Co., McCormick Bldg., Chicago, Ill.
Miller Fertilizing Co., 5 S. Gay, Baltimore, Md.
Miller Fdry. Co., Uniontown, Pa.
Miller Fdry. & Specialty Co., North Tonawanda, N. Y.
Miller, Francis M., archit., De Land, Fla.
Miller, Frank, Co., harness oils, soap & dress'g, dyes, polishes, etc., 349 W. 26th, New York
Miller, Frank, Lbr. Co., Bridgeport, Conn.
Miller, Frank P., contractor, Columbia, Mo.
Miller, Frank P., fertilizer mfrs., Springtown, Pa.
Miller, Frank P., Paper Co., box board mfrs., East Downington, Pa.
Miller, Franklin, Bassett & Co., efficiency engrs., 347 Madison av, New York.
Miller, Fred R., Blank Book Co., pads, Williamsport, Pa.
Miller, Fullenwider & Dowling, architects, 6 N. Michigan av, Chicago, Ill.
Miller Furnace Co., Grand Rapids, Mich.
Miller, G. A., contractor, Tampa, Fla.
Miller, G. L., cooperage stock, Java, N. Y.
Miller, G. W., Shingle Co., lumber, Acme, Wash.
Miller, Geo. B., architect, Grand Rapids, Wis.
Miller, Geo. H., architect, Bloomington, Ill.
Miller, Geo. H., landscape architect, 6 Beacon, Boston, Mass.
Miller, Geo. H., masons' & bldrs.' matls., Grand Rapids, Ohio.
Miller, Geo. H., motor boat bldrs., Patchogue, N. Y.
Miller, Geo. L., architect, 13 S. 3d av, Mount Vernon, N. Y.
Miller, Geo. T., contractor, Lebanon, Ind.
Miller & Gleason, carriages, Newport News, Va.
Miller & Graham, enamels, paints, etc., 21 S. Gay, Baltimore, Md.
Miller, H. A., architect, Pittsburgh Bldg., St. Paul, Minn.
Miller, H. A., & Co., lumber, Williamsport, Pa.
Miller, H. C., machsts., Waterford, N. Y.
Miller, H. Halsey, archit., Niagara Bldg., Buffalo, N. Y.
Miller, H. M., architect, Roanoke, Va.
Miller, H. N., brick, Pleasantville, Ohio.
Miller, H., & Sons Co., contractors, Center & La Place, Pittsburgh, Pa.
Miller & Hall, architects, 204 Karlov av, Chicago, Ill.
Miller, Harry A., Mfg. Co., piston rings, Los Angeles, Cal.
Miller, Harry E., architect, Law Bldg., Indianapolis, Ind.
Miller & Hart, meat packers, Union Stock Yards, Chicago, Ill.
Miller, Hy., steam & hot water htg. contr., 384 E. 144th, New York.
Miller, Hy. F., & Sons Piano Co., 395 Boylston, Boston, Mass.
Miller, Hy. R., cornices, Easton, Pa.
Miller & Herlocker, machsts., Los Angeles, Cal.
Miller, Herman, architect, Crozer Bldg., Philadelphia, Pa.
Miller & Hoy Mfg. Co., galvanized steel tanks, Kendallville, Ind.
Miller, Hugo V., architect, M. & M. Bk. Bldg., Milwaukee, Wis.
Miller Improved Gas Engine Co., Springfield, Ohio.
Miller, Isaac J., cornices, 1926 S. Colorado, Philadelphia, Pa.
Miller, J., cornices, Allentown, Pa.
Miller, J. A., archit., Title Guarantee Bldg., Birmingham, Ala.
Miller, J. A., brick, Bascom, Ohio.
Miller, J. A., & Bro., cornices, 427 N. Ashland, Chicago, Ill.
Miller, J. B., architect, Lincoln, Neb.
Miller, J. B., Keyless Lock Co., Kent, O.

Miller, J. D., mach'y dlrs., 39 Cortlandt, New York.
Miller, J. D. & J. L., flour mills, Millersburg, Ohio.
Miller, J. E., & Co., carriages, Columbus, Ga.
Miller, J. E., & Co., cutters, 330 W. Kinzie, Chicago, Ill.
Miller, J. F., & Bro., common brick, Bellingham, Wash.
Miller, J. H., contractor & sash, door & blind mfr., North Vernon, Ind.
Miller, J. Henry, Inc., contractor, cor. Eutaw & Franklin, Baltimore, Md.
Miller, J. L., granite, S. Quincy, Quincy, Mass.
Miller, J. M., architect, Leader-News Bldg., Cleveland, Ohio.
Miller, J. M., flour mills, Ronceverte, W. Va.
Miller, J. M., Co., advtg. spec., 402 Matthews' Bldg., Milwaukee, Wis.
Miller, J. R., architect, Lick Bldg., San Francisco, Cal.
Miller, J. W., Co., incubators & brooders, Rockford, Ill.
Miller, J. Walter, Co., hardware mnfrs., Lancaster, Pa.
Miller, Jacob, carriages, Palmyra, Pa.
Miller, Jas. G., Lumber Co., 11 S. La Salle, Chicago, Ill.
Miller, Jas. S., powder mfrs., Sumneytown, Pa.
Miller, Jesse E., machsts. & fndrs., North Manchester, Ind.
Miller, John, contractor, Bldrs.' & Traders' Exc., Cincinnati, O.
Miller, John, lumber, Rochester, N. Y.
Miller, John A., ale beer pumps, 600 Bergen av, New York.
Miller, John K., Co., cornices & skylights, Seattle, Wash.
Miller, John Lawson, architect, Goebel Bldg., Detroit, Mich.
Miller, Jno., Saddlery Co., Louisville, Ky.
Miller, John W., & Son, contractors, Alliance, O.
Miller, Jos. A., architect, Ashland blk, Chicago, Ill.
Miller, Jos. B., chemicals, dyes & colors, Finance Bldg., Phila., Pa.
Miller, Jos., & Sons, lbr. & masons' & bldrs.' matls., Peoria, Ill
Miller, Judson J., & Son, contrs., Syracuse, N. Y.
Miller, Julius W., machsts., So. Norwalk, Conn.
Miller, L. J., agricultural implements, Cincinnati, Ohio.
Miller, L. L., landscape architect, 143 Liberty, New York.
Miller, L. Z., contractor, Akron, Pa.
Miller-Lampert Co., masons' & bldrs.' matls., Iowa Falls, Ia.
Miller, Lewis A., contr., Meriden, Conn.
Miller Light & Fixture Co., 815 Gratiot av, Detroit, Mich.
Miller Lighting Co., acetylene gas machines, Detroit, Mich.
Miller Lightning Rod Co., 3d & Geyer av, St. Louis, Mo.
Miller Lime & Cement Co., Alton, Ill.
Miller-Link Lumber Co., Orange, Tex.
Miller Lock Co., mfrs., 4523 Tacony, Philadelphia, Pa.
Miller, Louis, archit., Stambaugh Bldg., Youngstown, Ohio.
Miller, Louis, common brick, Highland, Ill.
Miller, Louis E., machsts. & fndrs., Houston, Tex.
Miller Lumber Co., 893 Eagle, Buffalo, N. Y., & Marianna, Ark.
Miller Lbr. Co., sash, door & blind mfrs., Appleton, Wis.
Miller, Lyman M. (Est. of), varnish, Chelsea, Mass.
Miller & McLean, mill & facty. supplies, 120 Liberty, New York.
Miller Mach. & Mould Works, Columbus, Ohio.
Miller Mfg. Co., handles, Hicksville, O.
Miller Mfg. Co., oils, soap, etc., 668 Eddy, Providence, R. I.
Miller Mfg. Co., refrigerators, 8000 Alabama av, St. Louis, Mo.
Miller Mfg. Co., sash, door & blind mfrs., Richmond, Va.
Miller Mfg. Co., spark plugs, Peekskill, N. Y.
Miller Mfg. Co., washing machs., Meyersdale, Pa.
Miller, Mark P., Milling Co., flour, Moscow, Idaho.
Miller, Martin C., architect, Mutual Life Bldg., Buffalo, N. Y.
Miller & Mayo, architects, 465 Congress, Portland, Me.
Miller & Morrow, machsts., Sunnyside, Wash.
Miller, N. C., & Son, hay loaders, Dodgeville, Wis.
Miller, N. H., canned goods, Pleasantville, Ohio.
Miller, Nathan, & Sons, Ltd., steam fitters' supps., Fall River, Mass.
Miller, O. A., Slate Co., Slatington, Pa.
Miller, O A., Treeing Machine Co., Brockton, Mass.
Miller Organ & Piano Co., Lebanon, Pa.
Miller, Orville J., mchsts. & fndrs., Bergen, N. Y.
Miiller, Otho O. archit., McLachlen Bldg., Washington, D. C.
Miller, Owen, Elec. Co., machy., Lexington av & Thomas blvd, Pittsburgh, Pa.
Miller & Parsons, feed & flour mills, Corry, Pa.
Miller Pasteurizing Machine Co., Canton, Ohio.
Miller & Piehl, lumber & masons' & bldrs.' materials, Seymour, Wis.
Miller, R. N., machsts. & fndrs., Liberty, Pa.
Miller-Reed Co., contractors, 103 Park av, New York.
Miller & Rellium Co., harrows (toothless), College Corner, Ohio.
Miller Rubber Co., tires, druggists 'sundries, etc., Akron, Ohio.
Miller, S. E., contractor, Connersville, Ind.
Miller, S. W., Piano Co., Sheboygan, Wis.
Miller Safe Co., Fremont av & Briscoe, Baltimore, Md.
Miller Saw-Trimmer Co., feeders' press machy. (Platen), Newark, N. J.
Miller & Short, lumber, Cle Elum, Wash.
Miller & Smith, carriages, Sidney, Ohio.
Miller & Son, architects, Dollar Savings Bk. Bldg., Youngstown, Ohio.
Miller & Stein, wholesale hardware, Wheeling, W. Va.
Miller Storage Battery Co., Toledo, Ohio.
Miller Supply Co., masons' & bldrs.' matls., mill & facty supplies & who. hdwe., Huntington, W. Va.
Miller, T. B., Co., masons' & bldrs.' matls., Summit, N. J.
Miller, T. C., & Son, fertilizer mfrs., Lula, Ga.
Miller, T. Frank, architect, 1012 Walnut, Philadelphia, Pa.
Miller, T. G., & Sons, confetti, Ithaca, N. Y.
Miller, T. M., flour mills, Ben Franklin, Tex.
Miller, T. M., Co., coffins, caskets, etc., Scranton, Pa.
Miller, T. T., Hardware Co., 30 N. 4th, Easton, Pa.
Miller, Thos. C., mach'y dlrs., 78 Bible House, New York.
Miller, Thomas D., canned goods, Havre de Grace, Md.
Miller, Thos. E., contractor, Youngstown, O.
Miller, Thos. S., machsts. & fndrs., Andes, N. Y.
Miller, Thompkins & Co., paper bags, 485 Washington, New York.
Miller Trolley Shoe Co., 15 Elkins, Boston, Mass.
Miller-Ullen & Carter Hardware Co., Dexter, Mo.
Miller & Van Winkle, mfrs. of all kinds of springs, 18 Bridge, Brooklyn, N. Y.
Miller, W. A., & Son, fertilizer mfrs., Lynchburg, Va.
Miller, W. B., & Co., lumber, Salisbury, Md.
Miller, W. B., & Son, wholesale hardware, contractors & machinists' tools & mill factory supplies, Springfield, Ill.
Miller, W. C., & A. N., contrs., Bond Bldg., Washington, D. C.
Miller, W. E., phosphorum copper, 17 State, New York.
Miller, W. H., cornices & skylights, Galveston, Tex.
Miller, W. H., machst. & fndr., Bridgewater, Va.
Miller, W. H., & Son, flour mills, Warm Springs, Va.
Miller, W. H., & Sons, masons' & bldrs.' matls., Madison, Ind.
Miller, W. J., architect, 417 Market, San Francisco, Cal.
Miller, W. L., contractors, 171 Alford, Boston, Mass.
Miller, W. R., Co., furnaces, House Bldg., Pittsburgh, Pa.
Miller, W. W., Saddletree Co., Madison, Ind.
Miller Wagon Co., Edina, Mo.
Miller Waste Mfg. Co., Snyder & Swanson, Philadelphia, Pa.
Miller, Wm. A., Elevator Mfg. Co., 9th & Victor, St. Louis, Mo.
Miller, Wm., Co., wool combs, 228 Aborn, Providence, R. I.
Miller, Wm. G., contractor, 16 Bedford av, Brooklyn, N. Y.
Miller, Wm. Henry, archits., Sage blk, Ithaca, N. Y.
Miller, Wm. L., dock bldrs., Charlestown, Boston, Mass.
Miller, Wm. P., architect, 52 Vanderbilt av, New York.
Miller, Wm. P., Co., lubricating oils, 2316 S. Wabash av, Chicago, Ill.
Miller, Wm. P., Co., oils, machsts. & fndrs., 250 Greene, Brooklyn, N. Y.
Miller, Wm., Range & Furnace Co., 7th & B'way, Cincinnati, O.
Miller, William S., contractor, Harrisburg, Pa.
Miller, Wm., & Sons Co., contrs., 530 Fernando, Pittsburgh, Pa.
Miller, Wm. W., machst., Shillington, Pa.
Miller Wire Cloth Co., weavers of sieve & strainer cloth, 70 Commercial, Worcester, Mass.
Miller Wire Spring Department Bridgeport Chain Co., wire springs of all kinds, mfrs., 964 Crescent av, Bridgeport, Conn.
Miller, Wooley & Evans, architects, Vermont bldg., Salt Lake City, Utah.
Miller's, A. B., Sons, machsts. & fndrs., Stonington, Conn.
Miller's, A. D., Sons Co., oils, Columbus & Preble, Pittsburgh, Pa.
Millers Falls Co., electricians' drills, Millers Falls, Mass.
Millers Falls Co., mchsts. & fndrs., 28 Warren, New York.
Millers Falls Paper Co., Millers Falls, Mass.
Millers', H. J., Sons, nail mill mchy., Bridgewater, Mass.
Miller's, J. F., Sons, carriages, Vincennes, Ind.
Millers Milling Co., flour, Enid, Okla.
Millers & Ritzell, canned goods, Westover, Md.
Millersburg Brick & Tile Co., Millersburg, Ohio.
Millersburg Fifth Wheel Co., Millersburg, Pa.
Millersburg Fdry. & Machine Works, Millersburg, Ohio.
Milles, C. H., Fdry. Co., castings, 2443 W. 21st pl, Chicago, Ill.
Millett Core Oven Co., Springfield, Mass.
Milleville Bros., cornices, 679 Kercheval av, Detroit, Mich.
Millford Mfg. Co., boards & brushes, Mansfield, Ohio.
Millgard, D., & Co., marble interior work, Colfax, Wash.
Millheiser, E. L., brass fndrs., New Albany, Ind.
Millhiser Bag Co., Richmond, Va.
Millholen, B. D., mattresses, Cedar Rapids, Ia.
Millholland, W. K., Machine Co., lathes & screw machines, Indianapolis, Ind.
Millhouse Bros. & Co., hardware, wholesale, Galena, Ill.
Milliard, Julian, architect, Altoona, Pa.
Milligan, Chas., architect, Wilson, Wood & Roes, Pittsburgh, Pa.
Milligan Hardware & Supply Co., East Liverpool, O.
Milligan & Higgins Glue Co., 222 Front, New York.
Milligan, Madison L., fndr., New Albany, Ind.
Milligan & Nesbitt, masons' & bldrs.' matls., Seattle, Wash.
Milligan & Webber, architects, 520 Walnut, Philadelphia, Pa.
Millikan, Lynn B., Inc., contractor, 1556 Lemcke annex, Indianapolis, Ind.
Milliken, B. F., & Son, tin plate, etc., Eastport, Me.
Milliken Bros., steel structural work, Staten Island, N. Y.
Milliken-Kellam Co., screens, Newton, N. J.
Milliken, L. W., & Son, mill facty. supplies, Franklin, Mass.
Milliken Mach. Works, turret heads, West Newton, Mass.
Milliken Refining Co., petroleum & its products, Merchants' Exch. Bldg., St. Louis, Mo.
Millington & Bradshaw, machsts., 69 N. J. R. R. av, Newark, N. J.
Millinocket Fndry. & Mach. Co., Millinocket, Me.
Milliron Bros., brick tile, Attica, O.
Millken, H. O., architect, 331 Madison av, New York.
Millmade Const. Co., portable houses, 548 Water, Portland, Ore.

Millman, L. N., Stoll Bldg., Troy, N. Y.
Millman, S., & Son, architects, 1780 Pitkin av, Brooklyn, N. Y.
Millner, Frank, scrap iron, Trenton, N. J.
Millo, Pellegrino, & Son, contrs., 85 Steuben, Bridgeport, Conn.
Millott, Henry C., architect, Sandusky, O.
Mills, A. D., lumber, Ramer, Ala.
Mills, Andrew & Sons, tent contr., flag mfrs., yacht sails, etc., 53 South, New York.
Mills Bros., masons' & bldrs.' matls., Carbondale, Pa. & Springfield, Ohio.
Mills, C. E., Oil Co., Syracuse, N. Y.
Mills-Carleton Co., lbr., 1886 Carter rd, N. W., Cleveland, Ohio.
Mills & Co., granite, Montpelier, Vt.
Mills-Ellsworth Co., automobiles, poles & shafts, Keokuk, Ia.
Mills, Elmer D., stone prod., Far Rockaway, N. Y.
Mills, Eugene D., brick, Hartford, Conn.
Mills, G. A., & Son, contractors, Benton Harbor, Mich.
Mills, Geo. A., architect, Morristown, N. J.
Mills, Geo. A., Woodworking Co., sashes, doors & blinds, Morristown, N. J.
Mills, H. E., Mfg. Co., core compounds, Syracuse, N. Y.
Mills, H. W., & Co., whol. hdwe., mill, facty. & steam fitters' supplies, 59 Washington, Paterson, N. J.
Mills, Herbert L., mill & facty. supplies, New Britain, Conn.
Mills, I. J., & Sons, rice mills, Fenton, La.
Mills Iron Wks., 927 N. Main, Los Angeles, Cal.
Mills, J. C., Co., architect'l decorators, 44 Clinton, Bklyn, N. Y.
Mills, J. Layng, architect, 15 E. 40th, New York.
Mills, Jos. E., & Son, architects, Kresge Bldg., Detroit, Mich.
Mills, L. H., Co., steam fitters' supplies, Bridgeport, Conn.
Mills & Lupton, mill & facty. supplies, Chattanooga, Tenn.
Mills, Lyman D., Co., steam fitters' supplies, Middleton, Conn.
Mills & McClintock, steam fitters' supplies, Haverhill, Mass.
Mills Machine Co., Lawrence, Mass. & Vanburen, Ind.
Mills Mfg. Co., savers (gasoline fuel), Sabina, Ohio.
Mills & Millspsaugh Co., archits., 67 E. Long, Columbus, Ohio.
Mills, N. Lumber & Mfg. Co., sash, door & blind, St. Clair, Mich.
Mills Novelty Co., machsts. & fndrs., 221 S. Green, Chicago, Ill.
Mills & Ott, sash, door & blind mfrs., 216 George, Cincinnati, O.
Mills, R. C., advtg. nov. & spec., 525 Market, San Fran., Cal.
Mills, Rhines, Bellman & Nordoff, architects, Ohio Bldg., Toledo, & Schofield Bldg., Cleveland, Ohio.
Mills, Thos., & Bro., bakers & confec. machy., Thompson & 8th, Phila., Pa.
Mills & Van Kirk, architects, Harrison Bldg., Phila., Pa.
Mills, W. A., Brass Co., Port Chester, N. Y.
Mills, W. H., architect, 4579 Gibson, St. Louis, Mo.
Mills, W. J., brass & bronze fndrs. & machsts., 25 Bainbridge, Brooklyn, N. Y.
Mills, Wilbur T., Co., architects, 65 E. Long, Columbus, Ohio.
Mills Woven Cartridge Belt Co., Worcester, Mass.
Millsap, G. S., lumber, Winder, Ga..
Milltown Lumber Co., Milltown, Ga.
Milltown Mfg. Co., chemicals, Milltown, N. J.
Millville Bottle Wks., glass, Millville, N. J.
Millville Mfg. Co., cotton sheetings, 626 Chestnut, Phila., Pa.
Milmine, H. B., & Co., machsts., Toledo, Ohio.
Milmoe, Alex. J., contractor, 83 Littleton av, Newark, N. J.
Milne, A., & Co., iron & steel imp., 741 Washington, New York.
Milne Alexander, contractor, Plainfield, N. J.
Milne, Alex, granite, Barre, Vt.
Milne & Chalmers, granite, S. Quincy, Quincy, Mass.
Milne & Hector, granite, S. Quincy, Quincy, Mass.
Milne Mfg. Co., agricultural implements, Monmount, Ill.
Milne Wm. Granite Co., Barre, Vt.
Milner B. C. & Sons Co., contrs, Louisville, Ky.
Milner Mfg. Co., machsts., Gerard, Pa.
Milner, Warren H., architects, Haight Bldg, Seattle, Wash.
Milnes Jno. Co., contractors, Richmond av, Port Richmond, N. Y.
Milnor & Goedman, steel imp., 17 Bridge, New York
Milone Constr. Co., 800 Broad, Newark, N. J.
Milson Tool Co., Inc., 781-783 E. 142nd, New York.
Milstead Mfg. Co., cotton duck & canvas, Milstead, Ga.
Miltenberg Emil, ivory imprtrs, 563 B'way, New York
Miltiplex Display Fix. Co., 918 N. 10th, St. Louis, Mo.
Milton Boat Wks., dry docks, Rye, N. Y.
Milton Brick Co., Milton, Pa.
Milton Chemical Co., dustless floor mops & dustless dust cloths, 156 Sixth, Cambridge, Mass.
Milton Cork Co., 42 Wilson, Brooklyn, N. Y.
Milton Fertilizer Co., Milton, Del.
Milton Leather Board Co., Milton, N. H.
Milton Mfg. Co., carriages, Milton, Ind.
Milton Mfg. Co., rolling mill, Milton, Pa.
Milton Mill Co., flour, Milton, N. C.
Milton Piano Co., 772 12th av, New York
Milton S. G. & Son, cranes machinery, Franklin, Pa.
Milton W. H., fertilizer mfr., Marianna, Fla.
Milwain Bros., architects, Albany Bldg., Oakland, Cal.
Milwaukee Air Power Pump Co., water supply systems, 886 3rd, Milwaukee, Wis.
Milwaukee Aluminum & Brass Fndry. Co., 295 Reed, Milwaukee, Wis.
Milwaukee Auto. Engine & Supply Co., 706 Winnebago, Milwaukee, Wis.
Milwaukee Auto. Specialty Co., 711 Chestnut, Milwaukee, Wis.
Milwaukee Bag Co., paper bags, 206-220 S. Water, Milwaukee, Wis.
Milwaukee Bedding Co., 292 4th, Milwaukee, Wis.
Milwaukee Boiler Co., 220 Oregon, Milwaukee, Wis.
Milwaukee Brass Mfg. Co., 251 Lapham, Milwaukee, Wis.
Milwaukee Brewers' Specialty Co., 1919 St. Paul av, Milwaukee, Wis.
Milwaukee Bridge Co., steel structural work, 1400 34th, Milwaukee, Wis.
Milwaukee Bronze Casting Co., 119 Clinton, Milwaukee, Wis.
Milwaukee Building Co., Wright & Callender Bldg., Los Angeles, Cal.
Milwaukee Bldg. Supply Co., masons' & bldrs.' matls., Pabst Bldg., Milwaukee, Wis.
Milwaukee Button Co., 710 Merrill blvd., Milwaukee, Wis.
Milwaukee Casket Co., 54 15th, Milwaukee, Wis.
Milwaukee Chair Co., 3022 Center, Milwaukee, Wis.
Milwaukee Coke & Gas Co., coke mfrs., 1st Nat'l Bank, Milwaukee, Wis.
Milwaukee Cork Grinding Mach. Co., 667 12th, Milwaukee, Wis.
Milwaukee Corrugating Co., sheet metal building products, 36th & Burnham, Milwaukee, Wis.
Milwaukee Counter Co., 246 Pearson, Milwaukee, Wis.
Milwaukee Die Casting Co., 297 4th, Milwaukee, Wis.
See adv index at end of book.
Milwaukee Dry Dock Co., ft. Mineral, Milwaukee, Wis.
Milwaukee Dustless Brush Co., 22nd & Sycamore, Milwaukee, Wis.
Milwaukee Elec. Crane & Mfg. Co., 60th & Greenfield av, Milwaukee, Wis.
Milwaukee Electric Ry. & L. Co., Public Service Bldg., Milwaukee, Wis.
Milwaukee Falls Lime Co., Milwaukee, Wis.
Milwaukee Flush Valve Co., 1017 Clybourn, Milwaukee, Wis.
Milwaukee Fndry. Supply Co., Milwaukee, Wis.
Milwaukee Gas & Elec. Fixture Co., 1910 Fond du Lac, Milwaukee, Wis.
Milwaukee Gas Light Co., 182 Wisconsin, Milwaukee, Wis.
Milwaukee Gas Specialty Co., lighters, 2017 Clybourn, Milwaukee, Wis.
Milwaukee General Construction Co., 857 8th av, Milwaukee, Wis.
Milwaukee Gummed Label & Seal Co., labels (gummed & plain), 161 Michigan, Milwaukee, Wis. *See adv index at end of book.*
Milwaukee Hay Tool Co., agr. imp. mfrs., Layton Park, Milwaukee, Wis.
Milwaukee Heater Mfg. Co., 458 11th av, Milwaukee, Wis.
Milwaukee Lace Paper Co., paper cups, 500 Lee av, Milwaukee, Wis.
Milwaukee Leather Belting Co., 146 W. Water, Milwaukee, Wis.
Milwaukee Locomotive Mfg. Co., ft. Belleview pl., Milwaukee, Wis.
Milwaukee Machy. Co., 3015 Walnut, Milwaukee, Wis.
Milwaukee Malleable & Grey Iron Wks., Layton Pk., Milwaukee-Wis.
Milwaukee Metal Working Co., sheet metal stampings, 383 Clinton, Milwaukee, Wis.
Milwaukee Mirror & Art Glass Wks., 203 B'way, Milwaukee, Wis.
Milwaukee Motor Sales Co., 1802 North av, Milwaukee, Wis.
Milwaukee Ornamental Carving Co., 423 Poplar, Milwaukee, Wis.
Milwaukee Paper Box Co., Florida & Grove, Milwaukee, Wis.
Milwaukee Piano Mfg. Co., 264 N. Water, Milwaukee, Wis.
Milwaukee Reliance Boiler Wks., 1102 32d, Milwaukee, Wis.
Milwaukee River Canning Co., Thiensville, Wis.
Milwaukee Sand & Gravel Co., 779 N. Water, Milwaukee, Wis.
Milwaukee Seat & Tank Co., Milwaukee, Wis.
Milwaukee Separator Mfg. Co., 247 Madison, Milwaukee, Wis.
Milwaukee Shaper & Transmission Appliance Co., friction clutches, 1144 Holton, Milwaukee Wis.
Milwaukee Sidewalk Co., Matthews' Bldg., Milwaukee, Wis.
Milwaukee Soap Co., 539 2d av, Milwaukee, Wis.
Milwaukee Stamping Co., trunk & bag hdwe. mfrs., West Allis, Wis.
Milwaukee Steel Fndry. Co., 101 S. Water, Milwaukee, Wis.
Milwaukee Steel Post Co., 510 Iron Blk., Milwaukee, Wis.
Milwaukee Steel Type & Die Co., Milwaukee Wis.
Milwaukee Stove & Heater Co., 100 W. Water, Milwaukee, Wis.
Milwaukee Structural Steel Co., 19th & St. Paul av, Milwaukee, Wis.
Milwaukee Tack Co., 27 & Wahl av, Milwaukee, Wis.
Milwaukee Talking Mach. Mfg. Co., 416 4th, Milwaukee, Wis.
Milwaukee Tallow & Grease Co., Vogels' Island, Milwaukee, Wis.
Milwaukee Tank Wks., 851 Kinnickinnic av, Milwaukkee, Wis.
Milwaukee Tool & Forge Co., Milwaukee, Wis.
Milwaukee Vacuum Machy. Co., 195 B'way, Milwaukee, Wis.
Milwaukee Valve Co., 139 Burrell, Milwaukee, Wis.
Milwaukee Vault & Elec. Cabinet Box Co., 521 Market, Milwaukee, Wis.
Milwaukee Wadding & Comfort Mills, mattresses, 415 3d, Milwaukee, Wis.
Milwaukee Wood Preserving Co., Milwaukee, Wis.
Milwaukee Woven Wire Wks., 3014 Clarke, Milwaukee, Wis.
Milwood White Sand Co., Jackson, O.
Mimbres Valley Growers' & Canners' Assn., canned goods, Hondale, N. Mex.

Mims A. & Co., wholesale hardware, Cattlettsburg, Ky.
Minard Run Chemical Co., Degolia, Pa.
Minaret Mills, hair cloth mfrs., Cambria & Ormes, Phila., Pa.
Minch John E., fertilizer mfrs., Bridgeton, N. J.
Minckler P. K., cornices & skylights, Seattle, Wash.
Minco Mill & Grain Co., flour, Minco, Okla.
Mindeleff Victor, architect, 2900 Tunlow rd, Washington, D. C.
Minden Cotton Oil & Ice Co., Minden, La.
Minden Lumber Co., Minden, La.
Mine & Mill Supply Co., Mulberry, Fla.
Mine & Smelter Supply Co., 42 B'way, New York
Mineola Mill Co., lumber, Mineola, Ga.
Mineola Naval Stores Co., Mineola, Ga.
Miner B. C. & Sons Co., contractors, Louisville, Ky.
Miner Bros., lumber, Carter, Wis.
Miner Co., contractors, Richland Center, Wis.
Miner-Edgar Co., wood alcohol, chemicals, clays, etc., 30 Church, New York
Miner Edward F. Building Co., general contrs., 25 Foster, Worcester, Mass.
Miner F. W., machinist, Newport, Wash.
Miner & Frees Lumber Co., Ridgeway, Mo.
Miner J. H. Saw Mfg. Co., Lumberton, Miss.
Miner & Peck Mfg. Co., drop presses, New Haven, Conn.
Miner Stanley H., ties, poles, posts & lbr. mfrs., etc., 17 Battery pl., New York
Miner, Thos. T. W., acetylene gas & str. lamps, 821 Eagle av, New York
Miner, W. H., draw-bar attachments, etc., The Rookery, Chicago, Ill.
Mineral Lake Lumber Co., Tacoma, Wash.
Mineral Milling Co., flour, Mineral, Va.
Mineral Mining Co., Milwaukee, Wis.
Mineral Point Zinc Co., 140 S. Dearborn, Chicago. Ill.
Mineral Product Mfg. Co., ores, tungsten, tungstic acid, etc., Equitable Bldg., Wilmington, Del.
Mineral Products Co., tanks, refrigerator linings & laundry tubs, Rhinelander, Wis.
Mineral Ridge Mfg. Co., mchsts. & fndrs., Mineral Ridge, Ohio.
Mineralized Rubber Co., hose racks, 11 Kirk, Newark, N. J.
Minerallac Electric Co., conduit hangers, insulating compounds, pins, time switches, etc., 1045 Washington blvd, Chicago, Ill.
Miners' Foundry & Supply Co., Nevada City, Cal.
Miners' Supply Co., miners' squibs, St. Clair, Schuylkill Co., Pa.
Minerva Mfg. Co., hardware, Minerva, O.
Minerva Motor Car Co., 1896 B'way, New York.
Minford Ribbon & Carbon Co., 444 Pearl, New York
Mingledorff & Co., boilers, Savannah, Ga.
Mingo & Bailey, granite producers, Red Beach, Me.
Mingst, C. P., tool holders, Evansville, Ind.
Mingus & Rutter, lumber, Franklin Bank Bldg., Phila., Pa.
Miniature Storage Battery Co., Niagara Falls, N. Y.
Minier Bros., lumber, Nebo, Ill.
Mining Safety Device Co., Bowerston, O.
Minks, Richard, architect, 290 Hoyt, Buffalo, N. Y.
Minneapolis Baby Carriage Co., 1901 Nicollet av, Minneapolis, Minn.
Minneapolis Bedding Co., E. Henn. av & S. E. 5th, Minneapolis, Minn.
Minneapolis Brass & Iron Mfg. Co., 115 N. 9th, Minneapolis, Minn.
Minneapolis Brick & Supply Co., Plym Bldg., Minneapolis, Minn.
Minneapolis Bridge Co., Metropolitan Life Bldg., Minneapolis, Minn .
Minneapolis Cereal Co., 7th Lincoln Bldg., Minneapolis, Minn.
Minneapolis Crucible Steel Co., 38th av, N. E., & 5th, Minneapolis, Minn.
Minneapolis Desk Mfg. Co., Minneapolis, Minn.
Minneapolis Electric & Const. Co., 112 S. 7th, Minneapolis, Minn.
Minneapolis Furniture Co., 6th av & S. E. 9th, Minneapolis, Minn.
Minneapolis Gas Fixture Co., 814 Hennepin av, Minneapolis, Minn.
Minneapolis Heat Regulator Co., 2753 4th av, S., Minneapolis, Minn.
Minneapolis Iron Store Co., 204 N. 2d, Minneapolis, Minn.
Minneapolis Lbr. Co., 943 Lbr. Ex., Minneapolis, Minn.
Minneapolis Mfg. Co., excelsior, 5th av & S. E. & E. Hennepin, Minneapolis, Minn.
Minneapolis Office & School Furniture Co., 801 S. E. 8th, Minneapolis, Minn.
Minneapolis Ornamental Iron Co., 143 27th av, S. E., Minneapolis, Minn.
Minneapolis Paper Co., 4th av, S. & 5th, Minneapolis, Minn.
Minneapolis Paving & Cement Brick Mfg. Co., Minneapolis, Minn.
Minneapolis Roofing & Cornice Co., 1121 S. 7th, Minneapolis, Minn.
Minneapolis Sand Lime Brick Co., 307 Kasota, Minneapolis, Minn.
Minneapolis Sash & Door Co., 962 Central av, N. E., Minneapolis, Minn.
Minneapolis Separator Co., machsts., Minneapolis, Minn.
Minneapolis Steel & Machy. Co., 29th & Drexel. Minneapolis, Minn., 220 W. So. Temple, Salt Lake City, Utah.
Minneapolis Stone Co., silos, Filmore & 16th av, N. E., Minneapolis, Minn.
Minneapolis Threshing Machine Co., 226 N. 2d, Minneapolis, Minn.
Minneola Mfg. Co., cotton flannels, Gibsonville, N. C.
Minn. Billiard Co., 1520 Buffum, Milwaukee, Wis.
Minn. Boiler Compound Co., 248 Fairfield av, St. Paul, Minn.
Minn. Box Co., 827 Forest, St. Paul, Minn.
Minnesota Cement Constr. Co., Fergus Falls, Minn.
Minn. Chandelier Co., 369 Jackson, St. Paul, Minn.
Minn. Crushed Stone Co., Plymouth Bldg., Minneapolis, Minn.
Minn. Equip't. Co., conduit benders, Minneapolis, Minn.
Minn. Fama Stonewood Co., 1704 Rondo, St. Paul, Minn.
Minn. Farmers Brick & Tile Co., Austin, Minn.
Minn. Fibre Co., flax & tow, Heron Lake, Minn.
Minn. Harness Factory, Winona, Minn.
Minn. Knitting Mills, sweaters, 514 St. Peter, St. Paul, Minn.
Minn. Koll Casket Co., 722 Central av, Minneapolis, Minn.
Minn. Linseed Oil Co., 1101 S. 3d, Minneapolis, Minn.
Minn. Lumber Co., Albert Lea, Minn.
Minn. Mfrs Ass'n, conveyors, N. St. Paul, Minn.
Minn. Mining & Mfg. Co., flint paper, 791 Forest, St. Paul, Minn.
Minn. Moline Plow Co., 401-7 N. 3d, Minneapolis, Minn.
Minn. & Ontario Power Co., Andrus Bldg., Minneapolis, Minn.
Minn. Pipe & Tile Co., Mankato, Minn.
Minn. Potato Starch Co., Anoka, Minn.
Minn. Radiator Co., machsts. & fndrs., Duluth, Minn.
Minn. Roofing & Cornices Wks., 135 E. 12th, St. Paul. Minn.
Mnn. Stove Co., Shakopee, Minn.
Minn. Tank Co., 1415 S. E. 8th, Minneapolis, Minn.
Minn. Tent & Awning Co.. 15 W. 3d, St. Paul, Minn.
Minnesota Tractor Co., Minneapolis, Minn.
Minn. Valley Canning Co., Le Sueur, Minn.
Minn. Western Lumber Co., Bellingham, Wash.
Minnetonka Canning Co., St. Bonifacius, Minn.
Minnetonna Co., churns, Owatonna, Minn.
Minnich, D. B., contractor, Chambersburg, Pa.
Minnich Mach. Wks., Landisville, Pa.
Minnick Constr. Co., Newcastle, Ind.
Minnick-Gibbons Co., contractors, 5309 Prospect av, Cleveland, Ohio.
Minnick, W. H., contrs., Marion, Ind.
Minogue Bros. & Quinn, slate floor tile, Hydeville, Vt.
Minor Bros., contractors, 222 W. Pratt, Baltimore, Md.
Minor, C. E., contractor, Fairmont, W. Va.
Minor Firebrick Co., Empire, Ohio.
Minor, Henry B., architect, South Norwalk, Conn.
Minor, W. E., Disinfectant Co., 328 Champlain av, Cleveland, Ohio.
Minor, W. H., architect, Bowling Green, Ohio.
Minor, Wesley L., architect, 43 Tremont, Boston, Mass.
Minot Packing Co., Mechanic Falls, Me.
Minotola Glass Co., glass bottles, Minotola, N. J.
Minsinger Bros., contractors, Shingiss nr. Locust, Pittsburgh, Pa.
Minster Mach. Co., Minster, Ohio.
Minter, E. W., & Co., contractors, 115 B'way, New York.
Minter Mfg. Co., sash, door & blind mfrs., Bloomington, Ill.
Minton Bros., contrs., Ocean Grove, N. J.
Minton, Henry A., architect, 244 Kearney, San Francisco, Cal.
Minton, Richard, tubular boilers, 119 Sumner, E. B. Boston, Mass.
Minton, T. W., & Son, lumber, Barbourville, Ky.
Minton, Thos. F., contractors, 4 Hyde Park, Boston, Mass.
Minusa Cine Prod. Co., projection screens, 2665 Morgan, St. Louis, Mo.
Minwax Co., acid proof paints, elastic cements, fire extinguishers, etc., 18 E. 41st, New York.
Minzing, Fred., brick, Delphos, Ohio.
Mion, C., marble wk., Atlanta, Ga.
Mion, P., Co., interior marble work, Atlanta, Ga.
Mione Mfg. Co., hand soap, Collingdale, Pa.
Miotke, Jos., machsts., 144 Clinton, Milwaukee, Wis.
Mirabile Contrg. Co., White Plains & Morris Pk. avs, New York.
Mirc's Fuel-Oil Equipment Co., oil furnace mfrs., Lancaster, Pa.
Mirror Mfg. Co., 200 Greene, New York
Mirror Rouge Co., New Kensington, Pa.
Mirroscope Co., Cleveland, Ohio.
Miscampbell, H., lime hydrating machy., Duluth, Minn.
Misch, Otto, Co., contractors, Cham. of Com., Detroit, Mich.
Mischel, Geo. A., Sons, stone producers, Owensboro, Ky.
Mishawaka Machine Co., Mishawaka, Ind.
Mishawaka Woolen Mfg. Co., rubber goods, Mishawaka, Ind.
Mishler Mfg. Co., cloth mops, Smithville, Ohio.
Miskill, Edw. J., contractor, Hartford, Conn.
Missing Link Apple Co., canned, Clayton, Ill.
Missio, R. L., Brick & Supply Co., Memphis, Tenn.
Mission Fixture Co., elec. & gas light, 828 S. B'way, Los Angeles, Cal.
Mission Fdry. & Stove Works Treat av & 19th, San Francisco, Cal.
Mission Soap & Candle Wks., 18th & Harrison, San Francisco, Cal.
Mission Trunk Fcty., Los Angeles, Cal.
Missiquoi Lime Wks., High Gate Springs, Vt.
Missisquoi Pulp & Paper Co., Sheldon Springs, Vt.
Miss. Agricultural & Mech. Coll., Agricultural College, Miss.
Miss. Coal & Ice Co., masons' & bldrs.' matls., Keokuk, Ia.
Miss. Fdry. & Machine Co., Jackson, Miss.

Miss. Glass Co., 220 5th av, New York
Miss. L'br Co., 332 S. Michigan av, Chicago, Ill., & Vicksburg, Miss.
Miss. Pearl Button Co., Burlington, Ia.
Miss. Valley Constr. Co., De Menil Bldg., St. Louis, Mo.
Miss. Valley Mfg. Co., logging wagons, Quincy, Ill.
Miss. Valley Stove Wks., steel ranges, Fulton, Ill.
Missoula Brick & Tile Co., Missoula, Mont.
Missoula Lbr. Co., Missoula, Mont.
Missoula Mercantile Co., Missoula, Mont.
Missouri Belting Co., Grand & La Salle, St. Louis, Mo.
Missouri Boiler & Sheet Iron Wks., stacks, tanks, etc., 23d & Paplin, St. Louis, Mo.
Missouri Brass Type Fdry. Co., 1620 W. 22d, St. Louis, Mo.
Missouri Bridge & Iron Co., Fullerton Bldg., St. Louis, Mo.
Missouri Chemical Wks., alkali mfrs., 4004 Duncan av, St. Louis, Mo.
Missouri Condensed Milk Co., canned, Kahoka, Mo.
Missouri Cotton Yarn Mfg. Co., 300 Lynch, St. Louis, Mo.
Missouri Engine Co., St. Louis, Mo.
Missouri Fire Brick Co., 411 Olive, St. Louis, Mo.
Missouri Fire Door & Cornice Co., St. Louis, Mo.
Missouri Granite & Constr. Co., 3410 Gratiot av, St. Louis, Mo.
Missouri Hay Press Co., Moberly, Mo.
Missouri Iron Co., fndrs., La Salle Bldg., St. Louis, Mo.
Missouri Lamp & Mfg. Co., fire extinguishers, 114 Elm, St. Louis, Mo.
Missouri Lumber & Land Exchange Co., Long Bldg., Kansas City, Mo.
Missouri Lbr. & Mining Co., West Eminence, Mo.
Missouri Malleable Iron Co., refrigerator car drs., E. St. Louis, Ill.
Missouri Mattress & Glove Mfg. Co., Cape Girardeau, Mo.
Missouri Meerschaum Co., pipes (smoking), Washington, Mo.
Missouri Plate Glass Co., Valley Park, Mo.
Missouri Portland Cement Co., St. Louis, Mo.
Missouri Pottery & Mfg. Co., Kansas City, Mo.
Missouri Press Brick & Improvement Co., St. Louis, Mo.
Missouri School of Mines & Metallurgy, Rolla, Mo.
Missouri Stair Co., 4205 Forest Park blvd, St. Louis, Mo.
Missouri Tent & Awning Co., 208 Chestnut, St. Louis, Mo.
Missouri Valley Bridge & Iron Co., Leavenworth, Kans.
Missouri Valley Const. Co., contrs., 3rd Nat'l Bk. Bldg., St. Louis, Mo.
Missouri Water & Steam Supply Co., St. Joseph, Mo.
Missouri Zinc Co., Beckemeyer, Ill.
Mitcham, R. W., architect, Camden, S. C.
Mitchel & Co., contrs., Binghamton, N. Y.
Mitchell, A., flour mills, Walkerton, Va.
Mitchell, A. H., contractor, La Crosse, Wis.
Mitchell, A. L., & Son, plumbers' washers, 1866 Atlantic av, Brooklyn, N. Y.
Mitchell Alfalfa Milling & Light Co., Mitchell, Neb.
Mitchell, Benj. F., architect, Seaboard Bk. Bldg., Norfolk, Va.
Mitchell-Bissell Co., mill & facty. supplies, 251 4th av, New York.
Mitchell Brick Co., Lawrenceburg, Ind., & Lower River rd, Delhi, Cincinnati, Ohio.
Mitchell Bros., contractors, 2125 Race, Phila., Pa., & Spokane, Wash.
Mitchell Bros., stone, Ogden, Utah.
Mitchell Bros. Co., lumber, Cadillac, Mich.
Mitchell, C. G., architect, Johnson City, Tenn.
Mitchell, C. H., Elev. Co., 522 N. Monroe, Chicago, Ill.
Mitchell, Chas. D., architect, Mitchell Bldg., Charleston, Ill.
Mitchell Clay Mfg. Co., brick, 5627 Manchester av, St. Louis, Mo.
Mitchell Co., steel structural work, Poughkeepsie, N. Y.
Mitchell Co.,tubular boilers, mchsts. & fndrs., 621 W. 24th, New York.
Mitchell County Fertilizer Co., Pelham, Ga.
Mitchell-Diggins Iron Co., blast furnaces, Cadillac, Mich.
Mitchell, E. S., contractor, 342 Center, Salt Lake City, Utah.
Mitchell, F. A., mill & facty. supplies, 20th & Callowhill, Philadelphia, Pa.
Mitchell, F. C., machsts., 714 S. Dearborn, Chicago, Ill.
Mitchell, F. O., & Bro., canned goods, Perryman, Md.
Mitchell Fertilizer Co., 26 S. Water, Providence, R. I.
Mitchell, G. F., & Son, stamping works, Cleveland, Ohio.
Mitchell, G. L., machsts. & fndrs., Ellensburg, Wash.
Mitchell, H., cornices & skylights, Salt Lake City, Utah.
Mitchell, H. B., & Co., whol. hdwe., Emlenton, Pa.
Mitchell Hardware Co., Ashtabula, Ohio.
Mitchell Harness Co., Mitchell, S. D.
Mitchell, Isam, & Co., masons' & bldrs.' matls., Brockton, Mass.
Mitchell, J. D., fertilizer mfrs., Spring Valley, Ala.
Mitchell, J. E., masons' & bldrs.' matls., Glenolden, Pa.
Mitchell, J. H., contractor, Danville, Ill.
Mitchell, J. S., & Bro., canned goods, Aberdeen, Md.
Mitchell, J. S., & Sons, sash, door & blind mfrs., Beaver Falls, Pa.
Mitchell, J. W., lumber, Rinaldo, Ky.
Mitchell, J. W., & Roberts, contractors, Madison, Wis.
Mitchell, Jas. E., contractors, 332 W. 24th, New York
Mitchell, Jas. J., contractor, Wilkes-Barre, Pa.
Mitchell, Jas. N., contractor, 4 S. Markoe, Philadelphia, Pa.
Mitchell, John, cornices & skylights, Helena, Mont.
Mitchell, John, machsts., 2224 Vine, Philadelphia, Pa.
Mitchell, John, Jr., & Co., plumbers' & steam fitters' supplies, 1000 Pennsylvania, Washington, D. C.
Mitchell, Jno. R., Co., machsts., 702 S. Washington, Baltimore, Md.
Mitchell, Jno. W., contrs., Port Washington, N. Y.
Mitchell-Lewis & Staver Co., mill & facty. supplies, E. Marrison & E. 3rd, Portland, Ore.
Mitchell Lime Co., Allentown, Pa.
Mitchell, Louis M., architect, 19 S. La Salle, Chicago, Ill.
Mitchell, M., canned goods, Aberdeen, Md.
Mitchell Mfg. Co., barn equipments, cow stalls, stable fixtures & cattle stanchions, Milwaukee, Wis.
Mitchell Mfg. Co., laces, Portsmouth, Ohio.
Mitchell & Moffet, packing box mfrs., 54 Crosby, New York.
Mitchell Motors Co., automobile mfrs., Racine, Wis.
Mitchell Moulding Co., 946 W. 21st, Chicago, Ill.
Mitchell, P. E., masons' & bldrs.' mtls., Morrow, Ga.
Mitchell, P. R., Co., curled hair, Harrison & Spring Grove av, Cincinnati, Ohio.
Mitchell Polishing Co., S. Quincy, Quincy, Mass.
Mitchell-Powers Hardware Co., Bristol, Tenn.
Mitchell, R. F. & G. H., canned goods, Aberdeen, Md.
Mitchell, Ralph M., canned goods, Aberdeen, Md.
Mitchell-Rand Mfg. Co., wax, paints, carbon brushes, etc., 99 John, New York.
Mitchell, Robt., Furniture Co., 616 Race, Cincinnati, Ohio.
Mitchell, Rossel Edward, architect, Paul-Gale-Greenwood Bldg., Norfolk, Va.
Mitchell, Sam'l P. (Est. of), sash, door & blind mfrs., Yonkers, N. Y.
Mitchell & Shank, flour mills, Timberville, Va.
Mitchell & Son, flour, Stoneville, N. C.
Mitchell & Son Co., Paper & pulp mills, Palmyra, Mich.
Mitchell & Sutherland, contractors, 166 Devonshire, Boston, Mass.
Mitchell, T. C., architect, Salisbury, Md.
Mitchell-Tappen Co., structural steel wk., 15 John, New York.
Mitchell Vance Co., machsts. & fndrs., 507 W. 24th, New York
Mitchell, W. F., Co., contractors, Des Moines, Ia.
Mitchell, W. Garden, architect, 35 Montgomery, San Francisco, Cal.
Mitchell, W. H., masons' & bldrs.' matls., Morgantown, Ind.
Mitchell, W. I., lumber, 508 Penn av, Pittsburgh, Pa.
Mitchell, W. K., & Co., lap joints, separators, traps, etc., 2940 Ellsworth, Phila., Pa.
Mitchell Wheel Co., Miamisburg, Ohio.
Mitchell, Wilson Co., contrs., Niagara Falls, N. Y.
Mitchell, Wm. W., lumber, Stevens Point, Wis.
Mitermiler, A. S., architect, 1592 94th pl, N. E., Cleveland, O.
Mithoff, H., & Co., whol. hdwe., 284 S. High, Cleveland, Ohio.
Mitshkun, M., Co., Machy. dlrs., Detroit, Mich.
Mitsui & Co. (importers), 65 B'way, New York
Mittag & Volgar, carbon paper, Park Ridge, N. J.
Mittig, Frank B., architect, Kalamazoo, Mich.
Mitts & Merrill, special machinery, Saginaw, Mich.
Mix Stone Co., Schoharie, N. Y.
Mixer & Co., lbr., 168 Franklyn, Buffalo, N. Y.
Mixter, J. W., Saw Tool Co., machsts. & fndrs., Plymouth, Mass.
Mizner, Addison C., architect, 431 5th av, New York.
M. & M. Adjustable Wire Clamp Co., 2 5th, Minneapolis, Minn.
M. & M. Mfg. Co., rubber, Akron, Ohio.
M. & M. Rail Clamp Co., 102 N. Parkway, Pittsburgh, Pa.
Moab Canning Co., Moab, Utah.
Moate, J. M., fertilizer, Devereux, Ga.
Moatz, D. L., wood handles, Round Hill, Va.
Mobach Tool & Machine Mfg. Co., special tools, vises & contract machine work, 330 Atlantic av, Boston, Mass.
Moberg, C. J., die cast castings, Mount Vernon, N. Y.
Moberly Paving Brick Co., Moberly, Mo.
Mobile Coal Co., Mobile, Ala.
Mobile Dredge Sleeve & Vulcanizing Co., Mobile, Ala.
Mobile Foundry Co., Mobile, Ala.
Mobile Mattress Co., Mobile, Ala.
Mobile Pulley & Mach. Co., Mobile, Ala.
Mobile Shipbldg. Co., Mobile, Ala.
Mobile Steel Co., sheet metal products, Mobile, Ala.
Mobile Stove & Pulley Mfg. Co., Mobile, Ala.
Mobile Top Co., 62 Randolph, Detroit, Mich.
Mobley, G. W., machst., Waynesboro, Ga.
Mobley-Graham-Jones Co., whol. h'dwe., Danville, Va.
Mobridge Canning Co., Mobridge, S. D.
Mock, Isidor, contractor, 838 Flushing av, Brooklyn, N. Y.
Mock, Julius, & Sons, architect'l & ornament'l iron, 777 Rutland rd, Brooklyn, N. Y.
Mockbee, C. M., & Co., guy clamps & wire rope clips, 816 E. Pearl, Cincinnati, Ohio.
Mockbridge, Jas. D., carriages, Montclair, N. J.
Mockette Constr. Co., contractors, Camden, N. J.
Model Brass Fndry. Co., 411 Chicago, Buffalo, N. Y.
Model Carriage Co., Houston, Tex.
Model Fdry. & Mach. Co., Findlay, Ohio.
Model Flour Co., Greeley, Ohio.
Model Generator Co., acet. gas generators, 1717-23 Magazine, Louisville, Ky.
Model Glass Wks., glass bottles, Summitville, Ind.

Model Incubator Co., Buffalo, N. Y.
Model Knitting Wks., Salt Lake City, Utah.
Model Mfg. Co., sweaters, cardigans, etc., 442 B'way, New York.
Model Mill Co., flour, Johnson City, Tenn.
Model Roller Mills Co., flour, Smiths Grove, Ky.
Model Shop, inventors' models, 80 1st, San Francisco, Cal.
Midel Sign Works, 9th & Venango, Philadelphia, Pa.
Model Tool & Gauge Co., specialists in gauges, jigs, fixtures, dies & tools, etc., New Haven, Conn.
Modena Cotton Mills, Gastonia, N. C.
Modern Appliance Co., desk tele. brackets, 19 S. La Salle, Chicago, Ill.
Modern Bag Co., packing machs., East Orange, N. J.
Modern Bldg. Co., contrs., Louisville, Ky.
Modern Brass Fdy. Co., St. Louis, Mo.
Modern Carriage Co., Seattle, Wash.
Modern Construction Co., Los Angeles, Cal., Whitney Bldg., Detroit, Mich.
Modern Die & Plate Press Mfg. Co., machsts. & fndrs., Belleville, Ill.
Modern Die & Tool Co., 202 S. Penn, Indianapolis, Ind.
Modern Electric Co., Burlington, Ia.
Modern Elec. Co., fixture, 5317 Euclid av, Cleveland, Ohio.
Modern Electric & Machine Co., 936 Ft. Wayne av, Indianapolis, Ind.
Modern Engng. Co., oxy-acet. welding app., 14th & St. Charles, St. Louis, Mo.
Modern Equipment Co., machy. dlrs., Savannah, Ga.
Modern Equipt. Co., paper balers, Lockport, N. Y.
Modern Fndry. Co., 4601 Marburg, Oakley, Cincinnati, Ohio.
Modern Grinder Mfg. Co., tools grinders, 159 Buffalo, Milwaukee, Wis.
Modern Htg. Co., 3935 Olive, St. Louis, Mo.
Modern Iron Works, Quincy, Ill.
Modern Lamp & Shade Co., portables, 1100 S. Wabash av, Chicago, Ill.
Modern Laundry Equipment Co., 717 Sycamore, Cincinnati, Ohio.
Modern Laundry Mach. Co., 1907 Central, Kansas City, Mo.
Modern Mach. Tool Co., Albany, N. Y., & Jackson, Mich.
Modern Machy. Co., bottle washing & soaking machines, Wilmington, Del.
Modern Machy. Exchange, 52 Walker, New York.
Modern Mfg. Co., ironing boards, mats, swings, etc., Hagerstown, Md.
Modern Mfg. Co., stationers' spec., 543 N. Lawrence, Philadelphia, Pa.
Modern Miller, trade publication, Insurance Exchange, Chicago, Ill.
Modern Milling & Mfg. Co., flour, Waxahachie, Tex.
Modern Pattern Co., patterns & models, Springfield, O.
Modern Pattern & Machine Co., disc grinders, 121-23 State, Detroit, Mich.
Modern Pen Co., fountain pen mfrs., 170 B'way, New York.
Modern Safety Gas Iron Co., 608 Arch, Philadelphia, Pa.
Modern Sales Co., harness, Hampton, Ia.
Modern Stove Co., Chicago Heights, Ill.
Modern Tool Co., machine shop tools, 300 State, Erie, Pa.
See adv index at end of book
MODERN TOOL, DIE & MACHINE CO. (THE), 216-220 N. 4th, Columbus, Ohio. *See adv index end of book.*
Modern Toy Co., 181 Belmont av, Brooklyn, N. Y.
Modern Wagon & Carriage Co., 1948 Papin, St. Louis, Mo.
Modern Water Supply Co., water supply systems, 182 N. Dearborn, Chicago, Ill.
Modern Window Glass Co., Salem, W. Va.
Modesto Repressed Brick Co., Modesto, Cal.
Modjeski & Angier, inspecting engrs., 220 S. Michigan av, Chicago, Ill.
Modjeski, Ralph, archl, engn., 220 S. Michigan av, Chicago, Ill.
Modoc Co., lubfg. oils, hand soap, etc., Fernwood, Pa.
Moeck & Redmon Basket Mfg. Co., Peru, Ind.
Moedinger's, Jno. M., Sons, stone producers, Lancaster, Pa.
Moeller, A. E., mfrs. hydrometers & thermometers, 261 Sumpter, Brooklyn, N. Y.
Moeller, A. F., contractor, New Braunfels, Tex.
Moeller, Edw. H., architect, 394 Pearl, Buffalo, N. Y.
Moeller, Ed. J., advtg. signs, Davenport, Ia.
Moeller, John H., cooperage stock, Mount Vernon, Ind.
Moellering Construction Co., Fort Wayne, Ind.
Moellering's, Wm., Sons, masons' & bldrs.' matls., Fort Wayne, Ind.
Moen Casket & Furniture Co., Peterson, Minn.
Moench, C., Sons Co., machsts., Gowanda, N. Y.
Moers, E. M., Sons, scrap metal, brass & copper, 183 South, New York
Moeschl-Edwards Corrugating Co., cornices & port. fireproof garages, Covington, Ky., & 120 W. 9th, Cov., Cincinnati, O.
Moesser Building Co., Birmingham, Ala.
Moeszinger-Marquis Hardware Co., Clinton, Ia.
Moffat, Frank D., & Co., pig iron & coke dlrs., 81 Fulton, New York.
Moffat, H. R., & J., auto. crankshafts & iron forgings, Waterbury, Conn.
Moffat, L., masons' & bldrs.' matls., Mamaroneck, N. Y.
Moffat Paper Goods Co., plain envelopes, New Haven, Conn.
Moffatt Co., contractors, Des Moines, Ia.
Moffatt Machinery Mfg. Co., Charlotte, N. C.
Moffet, C. W., contractor, 3008 4th av, S., Minneapolis, Minn.
Moffet & Mead, contractors, San Diego, Cal.
Moffett & Stewart, architects, Camden, N. J.
Moffit Iron Works Co., Sanford, N. C.
Moffitt, C. R., architect, Masonic Temple, Pittsburgh, & McKeesport, Pa.
Moffitt, Clare, architect, Nat'l Realty Bldg., Tacoma, Wash.
Moffitt, J. D., mast hoops, Scotland, Conn.
Mogadore Lumber & Supply Co., Mogadore, Ohio.
Mogey, W. & D., telescopes, Plainfield, N. J.
Mogul Co., paint & varnish imps., 126 5th av, New York.
Mogul Logging Co., lumber mfrs., Bellingham, Wash.
Mogul Metal Co., babbitt metal & die castings, 161 Larned, W., Detroit, Mich.
Mogul Motor Truck Co., auto. bldrs., 4125 Forest Park blvd., St. Louis, Mo.
Mogul Wagon Co., Hopkinsville, Ky.
Mohawk Brush Co., Albany, N. Y.
Mohawk Clay Products Co., Perrysville, Ohio.
Mohawk Condensed Milk Co., 71 Hudson, New York.
Mohawk Elec. Mfg. Co., fire arms, 45 Lawrence, Newark, N. J.
Mohawk Mach. Shop, Fonda, N. Y.
Mohawk Refining Co., lubricating oils, 1131 W. 11th, Cleveland, Ohio.
Mohawk Rubber Co., Akron, Ohio.
Mohawk Silk Fabric Co., knitted gloves, Fultonville, N. Y.
Mohawk Valley Broom Co., Fonda, N. Y.
Mohawk Valley Cap Facty., sweaters, Utica, N. Y.
Mohawk Valley Mfg. Co., machsts., Oneida, N. Y.
Mohawk Valley Paper Co., Little Falls, N. Y.
Mohegan Granite Co., 101 Park av, New York.
Mohegan Stove Co., Peekskill, N. Y.
Mohegan Tube Co., Scott av & Meserole, Brooklyn, N. Y.
See adv index at end of book
Mohican Pulp & Paper Co., Greenwich, N. Y.
Mohrlite Co., lighting fixtures, Urbana, Ohio.
Mohland & Co., machsts., Burlington, Ia.
Mohler Lumber Co., Lock Seven, W. Va.
Mohn, H., machsts. & fndrs., Lincoln, Iill.
Mohn, W. D., & Co., vise mfrs., Reading Pa.
Mohney, C. L., contractor, 615 W. Diamond, Pittsburgh, Pa.
Mohr, C. F., masons' & bldrs.' matls., Portage, Wis.
Mohr, E. H., picks, mattocks, etc., Vera Cruz, Pa.
Mohr, Henry, Hardware Co. (wholesale), Tacoma, Wash.
Mohr, J. J., & Son, scrap iron & steel, Bullitt Bldg., Philadelphia, Pa.
Mohr, John F., stone producers, Saginaw, Mich.
Mohr, John, & Sons, blast furnaces, rotaries, sterilizers, tanks, cupolas, etc., 349 W. Illinois, Chicago, Ill.
Mohr-Jones Hardware Co., wholesale hardware, Racine, Wis.
Mohr, Oscar P., architect, Macheca Bldg., New Ordeans, La.
Mohr, R., & Sons, optical goods, San Francisco, Cal.
Mohrlite Co., electrical fixtures, Urbana, Ohio.
Moise-Klinkner Co., advtg. nov. & spec., 369 Market, San Francisco, Cal.
Moland's, Wm., Sons, meat packers, 120 Market, Philadelphia, Pa.
Molby, Boiler Co., 101 Park av., New York.
Molby, E. C., down draft boilers, 101 Park av, New York.
Moline Automobile Co., East Moline, Ill.
Moline, C. H., stone producer, Waterloo, Ia.
Moline Fdry. Co., machsts. & fndrs., Moline, Ill.
Moline Furniture Wks., bank, office & store fix., Moline, Ill.
Moline Heating & Constr. Co., Moline, Ill.
Moline Malleable Iron Co., St. Charles, Ill.
Moline Plow Co., Moline, Ill.
Moline Pressed Steel Co., East Moline, Ill.
Moline Scale Co., machsts. & fndrs., East Moline, Ill.
Moline Stone Co., Moline, Ill.
Moline Tool Co., frog & switch drilling machs., Moline, Ill.
Moline Vacuum-Vapor Htg. Co., Moline, Ill.
Molino Canning Co., Molino, Fla.
Molitor, Chas., Machy. Co., 118 S. Clinton, Chicago, Ill.
Molitor, J. D., & Bros., contrs., Duluth, Minn.
Molitor, Jno., architect, 130 S. 15th, Philadelphia, Pa.
Molitor, Jos., architect, 167 W. Washington, Chicago, Ill.
Moll, Wm., clamps, pipe, 1660 Columbus rd, N. W., Cleveland, Ohio.
Mollenberg-Betz Mach. Co., 110 Washington, Buffalo, N. Y.
Mollenhauer Sugar Refin'g Co., Kent av, Brooklyn, N. Y.
Moller, M. P., organ mfrs., Hagerstown, Md.
Moller, R. W., contractor, 1634 California, San Francisco, Cal.
Moller & Schumann Co., enamels, lacquer & varnish mfrs., Marcy av, Brooklyn, N. Y.
Moller & Vanden Boom Lumber Co., Quincy, Ill.
Mollett, Chas., cornices, Champaign, Ill.
Mollineaux Bros., masons' & bldrs.' matls., Hempstead, N. Y.
Mollohon Mfg. Co., cotton sheetings, Newberry, S. C.
Moloch Stoker Co., 208 S. La Salle, Chicago, Ill.
Molohan, Dave, brick, Zenobia, Ill.
Moloney Belting Co., 301 W. Randolph, Chicago, Ill.
Moloney Electric Co., transformers, 7th & Hickory, St. Louis, Mo.
Molony & Carter Co., fertz. mfrs., Charleston, S. C.
Molony, James, Sons, Inc., contrs., Schenectady, N. Y.

Molthrup Steel Products Co., Beaver Falls, Pa.
Moltz, Jacob J., machsts., Williamsport, Pa.
Molzahn & Lyons, contrs., La Crosse, Wis.
Momsen-Dunnegan-Ryan Co., wholesale hdwe., mill, facty. & plumbers' supplies, El Paso, Tex.
Monadnock Blanket Mills, Marlboro, N. H.
Monadnock Mills, cotton sheetings, Claremont, N. H.
Monadnock Paper Mills, 201 Devonshire, Boston, Mass.
Monaghan, James F., archit., 208 Newton, Waltham, Mass.
Monaghan, Paul, architect, Drexel Bldg., Philadelphia, Pa.
Monaghan, M. C., granite, W. Quincy, Quincy, Mass.
Monahan Antiseptic Co., soaps, cutting & drilling compounds, etc., 166 N. Curtis, Chicago, Ill.
Monahan, R. C. N., architect, Pawtucket, R. I.
Monahan Stone Co., Plum Point, Ia., Newark, N. J.
Monarch Aluminum Ware Co., 4613 Payne av, Cleveland, Ohio.
Monarch Black Board Struct. Slate Co., Slatington, Pa.
Monarch Boiler Arch Co., Milwaukee, Wis.
Monarch Box Co., packing, 925 N. Halsted, Chicago, Ill.
Monarch Brass Co., cocks, traps, valves, etc., Cleveland, Ohio
Monarch Brush Co., hat brushes, Troy, N. Y.
Monarch Carriage Goods Co., Cincinnati, Ohio.
Monarch Cement Co., Humboldt, Kans.
Monarch Cotton Mills, sheetings, Union, S. C.
Monarch Elec. & Wire Co., 622 W. Adams, Chicago, Ill.
Monarch Engineering Co., Chamber of Com. Bldg., Buffalo, N. Y.
Monarch Engineering & Mfg. Co., furnace mfrs., American Bldg., Baltimore, Md.
Monarch Expansion Bolt Co., 4326 W. 1st, Duluth, Minn.
Monarch Foundry Co., grey iron castings, Greenwood & G. T., Detroit, Mich.
Monarch Foundry Co., Los Angeles, Stockton, Cal.
Monarch H'dwe Co., hose menders, 198-200 Terrace, Buffalo, N. Y.
Monarch Iron Wks., ornam'tl iron, 1159 Howard, San Francisco, Cal.
Monarch Knitting Co., sweaters, etc., Buffalo, N. Y.
Monarch Light Truck Co., Milwaukee, Wis.
Monarch Lbr. Co., 15th & Market, Philadelphia, Pa.
Monarch Machine Mfg. Co., Leonard Bldg., Grand Rapids, Mich.
Monarch Machine Tool Co., Sidney, Ohio.
Monarch Manifold Book Co., R. R. stationery, etc., West & Hubert, New York.
Monarch Mfg. Co., lubricants, oils & greases, Council Bluffs, Ia.
Monarch Mfg. Corp., machsts., Boone, Ia.
Monarch Metal Co., babbit, 119 S. Lincoln, Chicago, Ill.
Monarch Metal Weather Strip Co., 4121 Forest Park blvd, St. Louis, Mo.
Monarch Mill & Supply Co., 53 W. Jackson blvd, Chicago, Ill.
Monarch Milling Co., flour, Elizabethton, Tenn., & Wytheville, Va.
Monarch Motor Mfg. Co., machsts., 4636 W. Madison, Chicago, Ill.
Monarch Oil Refining Co., petroleum, 24 California, San Francisco, Cal.
Monarch Paint Co., W. 70th, Cleveland, Ohio
Monarch Paper Co., Kalamazoo, Mich.
Monarch Pattern Wks., patterns for castings, 180 Russell, Detroit, Mich.
Monarch Pneumatic Tool Co., East St. Louis, Ill.
Monarch Refillable Fuse Co., 147 Leslie, Buffalo, N. Y.
Monarch Rubber & Oil Cloth Co., Drexel Bldg., Philadelphia, Pa.
Monarch Screen & Mfg. Co., E. 39th, Los Angeles, Cal.
Monarch Steam Boiler Co., Troy, N. Y.
Monarch Steel Castings Co., Detroit, Mich.
Monarch Telephone Mfg. Co., Fort Dodge, Ia.
Monarch Tool Co., Murdock Bldg., Cincinnati, Ohio.
Monarch Tool & Machy. Co., 1901 S. Western av, Chicago, Ill.
Monarch Tractor Co., traction, gasoline engines, Watertown, Wis.
Monarch Valve Co., 112 Front, Brooklyn, N. Y.
Monarch Valve & Mfg. Co., machsts. & fndrs., Warren, Mass.
Monarch Water Heater Co., 193 Chartis av, Pittsburgh, Pa.
Monash-Younker Co., separators, traps, valves, etc., 1407 W. Jackson blvd., Chicago, Ill.
Monatiquot Rubber Wks. Co., reclaimed rubber, So. Braintree, Mass.
Monce, S. G., hdwe. mfrs., stencils, etc., Unionville, Conn.
Monckmeyer, F. W., archit., 261 B'way, New York.
Moncrief Mach. Co., jobbing machsts., Pawtucket, R. I.
Moncrieff, Z. E., contractor, 1119 18th, Denver, Colo.
Monday, Chas. E., & Co., contractors & consulting engineers, 1318 Olive, Philadelphia, Pa.
Mondo Constr. Co., Inc., City Bk. Bldg., Syracuse, N. Y.
Mondovi Co-operative Canning Co., Mondovi, Wis.
Monessen Box Co., Monessen, Pa.
Monessen Brick Wks., Monessen, Pa.
Monessen Coal & Coke Co., Frick Bldg., Pittsburgh, Pa.
Monessen Fndry. & Mach. Co., Monessen, Pa.
Money, Chas., contractor, 52 Vanderbilt av, New York.
Monfils & Murphy Machine Co., Haverhill, Mass.
Monford, W. J., contractor, Poughkeepsie, N. Y.
Monger, C. L., Co., lumber mfrs., Elkhart, Ind.
Monger, R. W., Co., lumber mfrs., Elkhart, Ind.
Monges, H. B., architect, Hobart Bldg., San Francisco, Cal.
Mongo, Geo., & Son, contractors, 482 Jackson av, New York.
Monighan Machine Co., hoisting & hauling engines, derricks, excavators, etc., 2032 Carroll av, Chicago, Ill.
Moninger, John C., Co., greenhouse sash, 900 Blackhawk, Chicago, Ill.
Monitor Bi-Loop Radiator Co., radiator mfrs., Lancaster, Pa.
Monitor Boat & Engine Co., 217 Emet, Newark, N. J.
Monitor Controller Co., electric controller mfrs., 514 E. Lombard, Baltimore, Md.
Monitor Drill Co., St. Louis Park, Minn.
Monitor Furnace Co., C. H. & D. R. R. nr. Gest, Cincinnati, O.
Monitor Mills, flour, Claremont, N. C.
Monitor Motor Car Co., Columbus, Ohio.
Monitor Oil Co., Cleveland, Ohio.
Monitor Sad Iron Co., Big Prairie, Ohio.
Monitor Stove & Range Co., machsts. & fndrs., C. H. & D. Ry. nr. Gest, Cincinnati, Ohio.
Monitor Time Clock Co., recorders, Syracuse, N. Y.
Monk, Chas., moulders' tools, 83 18th, Brooklyn, N. Y.
Monk, John, contractor, Sharon Bldg., San Francisco, Cal.
Monks, G. R. M., architect, 148 Weld, Rochester, N. Y.
Monks, John, & Sons, contractors & dock bldrs., 82 Beaver, New York.
Monks & Johnson, architects, 78 Devonshire, Boston, Mass.
Monks & Miller, masons' & bldrs.' matls., Seattle, Wash.
Monks-Ripley Pile Co., 82 Beaver, New York.
Monks, Wm. C., contractor, 503 5th av, New York.
Monmonier & Sorrell, contractors, 1711 McCulloh, Baltimore, Md.
Monmouth Acet.-Elec. Mfg. Co., gas machines, Monmouth, Ill.
Monmouth Brick & Tile Co., Monmouth, Ill.
Monmouth Canning Co., Portland, Me.
Monmouth Clay Mfg. Co., sewer pipe & fittings, Monmouth, Ill.
Monmouth Contracting Co., Red Bank, N. J.
Monmouth County Farmers' Exchange, fertilizer mfrs., Freehold, N. J.
Monmouth-Galesburg Construction Co., Galesburg, Ill.
Monmouth Plow Factory, Monmouth, Ill.
Monocacy Volley Canning Co., Frederick, Md.
Monoghan Mills, cotton sheetings, Greenville, S. C.
Monolithic Silo & Construction Co., 122 S. Michigan av, Chicago, Ill.
Monon Crushed Stone Co., Monon, Ind.
Monongah Glass Co., beer mugs, tumblers, etc., Fairmont, W. Va.
Monongahela Boiler Wks., Monongahela, Pa.
Monongahela Clay Mfg. Co., brick, Monongahela, Pa.
Monongahela Constr. Co., Oliver Bldg., Pittsburgh, Pa.
Monongahela Iron & Steel Co., rolling mills, Farmers' Bank Bldg., Pittsburgh, Pa.
Monongahela & Ohio Dredging Co., contrs., Conestoga Bldg., Pittsburgh, Pa.
Monongahela Saw & Planing Mill Co., lumber, Monongahela, Pa.
Monongahela Stone Clay & Brick Co., Monongahela, Pa.
Monongahela Tube Co., iron rolling mills, Ferguson Bldg., Pittsburgh, Pa.
Monongahela & Western Dredging Co., 7 Wood, Pittsburgh, Pa.
Monongahela & Yough. Fndry. Co., McKeesport, Pa.
Monroe Binder Board Co., Monroe, Mich.
Monroe Body Co., wood & metal auto bodies, Pontiac, Mich.
Monroe Brick & Builders' Supply Co., Monroe, La.
Monroe Bridge Paper Co., Monroe Bridge, Mass.
Monroe, C. F., Co., cut glassware, Meriden, Conn.
Monroe Calculating Mach. Co., So. Orange, N. J.
Monroe Canning & Packing Co., Monroe, Mich.
Monroe Cotton Mills, Monroe, Ga.
Monroe County Canning Co., Brockport, N. Y.
Monroe County Chemical Co., starch mfrs., Fairport, N. Y.
Monroe County Oolithic Stone Co., Bloomington, Ind.
Monroe Foundry & Furnace Co., Monroe, Mich.
Monroe Grocer Co., Ltd., masons' & bldrs.' matls., Monroe, La.
Monroe Hardware Co., Ltd., Monroe, La.
Monroe & Johnson, contractors, Lebanon, Ohio.
Monroe Mfg. Co., coffins, caskets, etc., Webster, N. Y.
Monroe Mill Co., lbr. mfrs., Monroe, Wash.
Monroe Milling Co., flour, Selinsgrove, Pa.
Monroe Motor Co., Flint, Mich.
Monroe, N. S., & Sons, road graders, Arthur, Ill.
Monroe Novelty Co., brushes, Rochester, N. Y.
Monroe Oil & Fertilizer Co., Monroe, Ga.
Monroe Paper Co., Monroe, Mich.
Monroe Refrigerator Co., Lockland, Ohio.
Monroe, Sam'l, & Son Co., contractors, Portsmouth, Ohio.
Monroe Screen, Blind & Partition Co., blinds & wood rolling partitions, Lima, Ohio.
Monroe Shingle Co., Monroe, La.
Monroe Spec. Co., machsts., Monroe, Mich.
Monroe Spec. Co., metal polish, 379 Pearl, New York.
Monroe Steel Castings Co., Monroe, Mich.
Monroe, W. H., turpentine, Blackman, Fla.
Monroe, W. H., Co., blinds & wood rolling partitions, Lima, O.
Monsanto Chemical Works, 1800 S. 2d, St. Louis, Mo.
Monschke & Co., carriages, Dallas, Tex.
Monson Bros., contractors, 1907 Bryant, San Francisco, Cal.
Monson Maine Slate Co., 112 Water, Boston, Mass.
Monson & Price, architects, Vermont Bldg., Salt Lake City, Utah.
Monsted, A., Co., contractors, Pabst Bldg., Milwaukee, Wis.
Mont Alto Sand Co., Waynesboro, Pa.
Montag Bros., envelopes, Atlanta, Ga.

Montague City Rod Co., Montague City, Mass.
Montague Iron Wks., marine castings, propeller wheels, Corn Exchange Bk. Bldg., Chicago, Ill.
Montague Machine Co., Turners Falls, Mass.
Montague Mailing Mach. Co., Chattanooga, Tenn.
Montague Mfg. Co., lbr., sash, door & blind mfrs., 4 S. 10th, Richmond, Va.
Montague O'Reilly Co., contractors, Blake-McFall Bldg., Portland, Ore.
Montague Range & Furnace Co., 826 Mission, San Francisco, Cal.
Montague, W. W., & Co., wholesale hdwe. & plumbers' supplies, 577 Market, San Francisco, Cal.
Montala Mfg. Co., cotton sheetings, Montgomery, Ala.
Montana Culvert & Flume Co., Missoula, Mont.
Montana Hardware Co., Butte & Lewistown, Mont.
Montana Iron Wks., Butte, Montana.
Montana Mattress & Furniture Co., Butte, Mont.
Montana State Coll. of Agriculture & Arts, Bozeman, Mont.
Montana State School of Mines, Engng. School & Coll., Butte, Mont.
Montanini & Grillo, machsts. & fndrs., 155 W. Houston, New York.
Montauk Lther. Spec. Co., sailors' palms, 149 N. 1st, Brooklyn, N. Y.
Montauk Paint Co., furniture polish, etc., 170 2d av, Brooklyn, N. Y.
Montcalm Chemical Works, Indianapolis, Ind.
Montclair Jam Kitchens, canned goods, Montclair, N. J.
Monte Wrench Co., Shelbyville, Ind.
Monteath, J. H., Co., lbr. mfrs. & wholesale dlrs., 202 Lewis, New York.
Monterey Packing Co., 110 Market, San Francisco, Cal.
Montezuma Brick Wks., Montezuma, Ind.
Montezuma Fertilizer Co., Montezuma, Ga.
Montezuma Mach. Wks., machsts. & fndrs., Montezuma, Ind.
Montezuma Mfg. Co., cotton seed meal, Montezuma, Ga.
Montgomery Belting & Supply Co., leather belting, 147 W. Main, Morristown, Pa.
Montgomery Broom Mfg. Co., Grove City, Pa.
Montgomery Bros., belt dressing, packing mfrs. & rubber goods, 45 S. 2d, Philadelphia, Pa.
Montgomery Bros., contractors, 58 Lombard, New Haven, Conn.
Montgomery Bros. & Co., lbr., sashes, doors, etc., Buffalo, N. Y.
Montgomery Carriage Wks. Co., Montgomery, Ala.
Montgomery Coal Washing & Mfg. Co., Birmingham, Ala.
Montgomery & Co., wholesale hdwe. & mill & facty, supplies, 105 Fulton, New York.
Montgomery Cordage Co., Montgomery, Ala.
Montgomery Cotton Mills, Montgomery, Ala.
Montgomery & Crawford, wholesale hdwe., mill & facty. supplies, Spartanburg, S. C.
Montgomery Elev. Co., Moline, Ill.
Montgomery Elev. Service, Kansas City, Mo.
Montgomery, F. W., htg. contrs., 29 Purchase, Boston, Mass.
Montgomery & Flora, canned goods, Wirtz, Va.
Montgomery, G. S., architect, 17 Main, E., Rochester, N. Y.
Montgomery, H. P. Alan, architect, 105 W. 40th, New York.
Montgomery, Harry B., architect, Lewistown, Pa.
Montgomery, J. R., Co., tex. machy. (warps), Windsor Locks, Conn.
Montgomery, Jas., architect, Charlestown, W. Va.
Montgomery Land Co., brick, Yazoo City, Miss.
Montgomery Lime & Cement Co., Montgomery, Ala.
Montgomery Lbr. Co., Spring Hope, N. C.
Montgomery Lbr. Co., 52 Vanderbilt av, New York.
Montgomery Lumber Co., Suffolk, Va.
Montgomery Mattress Facty., Montgomery, Ala.
Montgomery & Montgomery, architects, Merritt Bldg., Los Angeles, Cal.
Montgomery, S. P., canned goods, Buchanan, Va.
Montgomery Slate Co., Shenandoah, Pa.
Montgomery Table Wks., desk mfrs., Montgomery Pa.
Montgomery Tool & Mfg. Co., machsts., 1st, Madison, Dayton, O.
Montgomery, W. L. & Co., degras, 10 High, Boston, Mass.
Montgomery, W. M., & Co., meat, Anaconda, Mont.
Montgomery, Wesley, masons' & bldrs.' matls., Newark, Ohio.
Monticello Buggy Mfg. Co., Monticello, Ga.
Monticello Canning Co., Monticello, Ia.
Monticello Cotton Mills, Monticello, Ark.
Monticello Preserving Co., canned goods, Monticello, Minn.
Montigel, J. M., machsts. & fndrs., Alma, Mich.
Montour Brick Co., imperial, Pittsburgh, Pa.
Montour Steel Co., structural steel, Montour Falls, N. Y.
Montowese Brick Co., New Haven, Conn.
Montpelier Canning Co., Montpelier, Ohio.
Montpelier Mfg. Co., machsts. & fndrs., Montpelier, Ind.
Montrose Milling Co., Montrose, Minn.
Montross, A. W., cornices, Warwick, N. Y.
Montross Metal Roofing Co., shingles, metallic, Camden, N. J.
Montvale Canning Co., Montvale, Va.
Monument Cornice Wks., 822 Hartford av, Baltimore, Md.
Monument Mills, tex. machy. (warps), Housatonic, Mass.
Monument Plaster Co., stucco mfrs., Harrison, N. J.
Monument Plumbing Supply Co., 2635 Locust, St. Louis, Mo.
Monument Pottery Co., Trenton, N. J.
Monumental Bronze Co., fndrs., Bridgeport, Conn.
Monumental & Cut Stone Co., Fort Smith, Ark.
Monumental Iron & Metal Co., scrap iron, 228 W. Pratt, Baltimore, Md.
Monumental Mould & Plate Co., 307 S. Paca, Baltimore, Md.
Monumental News, trade publications, 538 S. Clark, Chicago, Ill.
Monville, Gilles & Co., barrel covers, 127 Catherine, Phila., Pa.
Moody, A. M., architect, Camden, Me.
Moody Bros., contractors, Hartford & Scovill, Detroit, Mich.
Moody Calculator Co., machines, Dallas, Texas.
Moody, Chas. J., machsts. & fndrs., Elgin, Ill.
Moody, E. A., cornices & skylights, Abbeville, Ga.
Moody Engng. Co., contr., 90 West, New York.
Moody, John, contractor, Galveston, Texas.
Moody, John, & Son, common brick, Carlinville, Ill.
Moody Mfg. Co., advtg. spec., 280 B'way, New York.
Moody, P. S., flour mills, Ellis, W. Va.
Moody, W. Frank, machsts., Loogoote, Ind.
Moog, John A., lbr. mfrs., Bryan, Ohio.
Moomaw, C. M., sash, door & blind, Sugarcreek, Ohio.
Moomaw, G. A., canned goods, Troutville, Va.
Moomaw, J. C., Co., canned goods, Cloverdale, Va.
Moon Bros. Carriage Co., Gano & McKissock, St. Louis, Mo.
Moon, C. H., contractor, 1843 N. Alabama, Indianapolis, Ind.
Moon, D. B., architect, Lansing, Mich.
MOON, GEO. C., CO., wire rope, etc., Garwood, N. J.
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Moon, Geo. O., & Co., flour mills, Binghamton, N. Y.
Moon-Hopkins Billing Mach. Co., adding typewriters, 2235 O'Fallon, St. Louis, Mo.
Moon, John, contractor, Lockport, N. Y.
Moon, Jos. W., Buggy Co., auto. bldrs., Main & Douglas, St. Louis, Mo.
Moon Machine Co., nut & bolt machy, Muncie, Ind.
Moon Mfg. Co., annunciators, push buttons, etc., 122 N. Jefferson, Chicago, Ill.
Moon Motor Car Co., auto. bldrs., 4402 Main, St. Louis, Mo.
Mooney Belting Co., 844 W. 6th, Cincinnati, Ohio.
Mooney & Bauaman, boiler tube, hole cutters, 159 Linwood, Brooklyn, N. Y.
Mooney & Bueter, dies, 507 W. Jackson blvd, Chicago, Ill.
Mooney, Elwood W., contractors, Asbury Park, N. J.
Mooney, Frank E., sashes, doors & blinds, Farmington, N. H.
Mooney, Jas. J., contractor, 333 E. 24th, New York.
Mooney, W. E., contractor, Evans Bldg., Washington, D. C.
Mooney, W. W., & Sons, leather—harness, Columbus, Ind.
Mooney, Wm. J., architect, Amer. Trust Bldg., Cleveland, Ohio.
Moonlight Bait Co., Paw Paw, Mich.
Moore, A. H., contractor, 1720 1st av, Birmingham, Ala.
Moore & Abeel, contrs., Wilmington, N. C.
Moore, Alred, contractor, Atlantic City, N. J.
Moore, Alfred F., wire mfrs., 200 N. 3rd, Philadelphia, Pa.
Moore, Benj., & Co., paints, varnishes, etc., mfrs., 231 Front, Brooklyn, N. Y.
Moore, Benj., & Co., yacht sails, tarpaulins, wagon covers, etc., 27 South, New York.
Moore & Brady Co., canned goods, Key Highway & Boyle, Baltimore, Md.
Moore Bros., brick, Akely, Minn.
Moore Bros., files, auger bits, etc., Jamestown, N. Y.
Moore Bros., grey iron castings, Wichita, Kan.
Moore Bros. Co., machsts., Elizabeth, N. J., & Joliet, Ill.
Moore Bros. Co., soap, 288 Greenwich, New York.
Moore Bros. Lighting Rod Co., Maryville, Mo.
Moore & Burgess Webbing Co., South Acton, Mass.
Moore & Burlingame, contractors, 110 Jessie, San Francisco, Cal.
Moore & Butts, machsts. & fndrs., West Newton, Pa.
Moore, C. C., bobbins, pegs (shoe), Lisbon, N. H.
Moore, C., & Co., braided banding, thread, twine, etc., 5th & Market, Philadelphia, Pa.
Moore, C. H., machinist, Toledo, Ohio.
Moore, Chas., architect, Eau Claire, Wis.
Moore, Chas. C., & Co., machinery dealers, Sheldon Bldg., San Francisco, Cal.
Moore, Chas. P., shelf hdwe. boxes, Ravenswood, W. Va.
Moore, Charles P., & Co., hardware—whol., Spencer, W. Va.
Moore, Chas. T., contractor, Lansdowne, Pa.
Moore, Clifton S., machst. & fndr., New Orleans, La.
Moore & Co., contractors, 12 Pemberton sq., Boston, Mass.
Moore & Co., machsts., 305 W. Grand av, Chicago, Ill.
Moore & Co., masons' & bldrs.' matls., Dallas, Texas.
Moore & Co., meat packers, Indianapolis, Ind.
Moore, Daniel, contractor, Fall River, Mass.
Moore, Dan'l E., sash, door & blind mfrs., Geneva, N. Y.
Moore & Danner, contractors, Kokomo, Ind.
Moore Distilling Co., Latrobe, Pa.
Moore Drop Forging Co., Springfield, Mass.
Moore, E. C., & Son Co., metal polish, 17 Elizabeth, W. Detroit, Mich.
Moore, E. S., contractor, Danville, Ill.
Moore, Eastwood Mfg. Co., jigs, fixtures, dies & tools, etc., 116 E. 4th, Dayton, Ohio.
Moore, Edgar M., & Co., steel struct. work, Farmers' Bank Bldg., Pittsburgh, Pa.
Moore, F. W., architect, Newhouse Bldg., Salt Lake City, Utah.
Moore Filter Co., 43 Exchange pl., New York.

Moore, Frank A., architect, 542 5th av, New York.
Moore, Frank K., Co., machy. dlrs., 182 High, Boston, Mass
Moore, Franklin, Co., bolt, nut & rivet mfrs., Winsted, Conn.
Moore, Fred. E., architect, Saginaw, Mich.
Moore, Fred'k E., sash, door & blind mfr., Williamstown, Mass.
Moore, G. B., ball cocks, 100 Dwight, Springfield, Mass.
Moore, G. W., & Co., masons' & bldrs.' matls., Moore, Pa.
Moore, G. W., Constr. Co., Dallas, Texas.
Moore & Galloway Lumber Co., Fond Du Lac, Wis.
Moore, George A., architect, 44 Orchard, Cambridge, Mass.
Moore, Geo. A., & Co., grain bags, down & feathers, 212 California, San Francisco, Cal.
Moore, Geo. C., cotton waste, North Chelmsford, Mass.
Moore, Geo. W., hdwe. mfrs., 44 Farnsworth, Boston, Mass.
Moore & Gibson Corp., broom holders, 39 W. 19th, New York.
Moore, Given, Co., feed grinding mills, Spring Valley, Ill.
Moore & Goodman, lumber, Galveston, Texas.
Moore, H. H., contractor, Spring Lake, N. J.
Moore-Handley Hardware Co., Birmingham, Ala.
Moore Hardware & Iron Co., Denver, Colo.
Moore, Harry S., contractor, Middletown, Conn.
Moore & Horkan, turpentine, Moultrie, Ga.
Moore, J. C., Co., parquet floors, 9 S. 18th, Philadelphia, Pa.
Moore, J., & I. E., writing inks & mucilage, Warren, Mass.
Moore, J. J., & Son, flour mills, Murray, Ky.
Moore, J. K., granite & stone producers, Bloomington, Ill.
Moore, J. N., lumber, Kelso, Wash.
Moore, J. S., architect, Weston, W. Va.
Moore, J. W., Mach. Co., 592 E. 1st, S., Boston, Mass.
Moore, Jno. C., architect, White Plains, N. Y.
Moore, John C., Corp., loose leaf devices, Rochester, N. Y.
Moore, John E., machinist, Jackson, N. C.
Moore, John L., contractor, 112 McAlvy, Pittsburgh, Pa.
Moore, John T., & Co., rural mail boxes, Terre Haute, Ind.
Moore, John T., & Son, paper & pulp mills, Bellows Falls, Vt.
Moore, John V., architect, Lexington, Ky.
Moore, Joshua, pipe hangers & hooks, Marseilles, Ill.
Moore, L., Dry Kiln Co., Jacksonville, Fla.
Moore, L. E., Stave Co., Weiss Bldg., New Orelans, La.
Moore, L. F., masons' & bldrs.' matls., Lancaster, N. H.
Moore, L. F., Carriage Co., Knoxville, Tenn.
Moore & Landsiedel, architects, 3d av & 148th, New York.
Moore-Leland Paint & Oil Co., Charleston, S. C.
Moore Lime Co., Richmond, Va.
Moore & Lipscomb, sash, door & blind, Lynchburg, Va.
Moore & Lorenz Co., belting mfrs., belts, conveyors, etc., 2144 W. Fulton, Chicago, Ill.
Moore & McFerren, lumber, Hoopeston, Ill.
Moore, M. A., Co., masons' & bldrs.' matls., Le Mars, Ia.
Moore, M. F., architect, Colorado Bldg., Washington, D. C.
Moore Machy. Co., 217 North, Baltimore, Md.
Moore Mfg. Co., furniture—church & lodge, Springfield, Mo.
Moore Mfg. Co., port. fireproof garages, Waterloo, Iowa.
Moore Mfg. Co., spring beds, Muncie, Ind.
Moore-Master Mfg. Co., machsts., 320 W. Grand av, Chicago, Ill.
Moore-Meagher, cornices & skylights, Portland, Ore.
Moore & Moore, masons' & bldrs.' matls., Waterloo, Ia.
Moore Motor Vehicle Co., 1st av & 5th, N. E., Minneapolis, Minn.
Moore & Munger, clays, minerals, etc., 29 Broadway, New York.
Moore Oil Co., York & McLean av, Cincinnati, Ohio.
Moore Peg Co., Lisbon, N. H.
Moore Plow & Implement Co., Greenville, Mich.
Moore-Prince & Co., turpentine, Pelham, Ga.
Moore Push-Pin Co., push-pins & thumb tacks, 120 Berkley, Philadelphia, Pa.
Moore, R. H., & Zimmerman, lbr. mfrs., Albany, N. Y.
Moore, R. P., Milling Co., flour, Princeton, Ind.
Moore & Richter Lbr. Co., masons' & bldrs.' matls., La Porte, Ind.
Moore, Robert S., contractor, Lafayette, Ind.
Moore, S. B., architect, Wilson, N. C.
Moore, S. S., corn brooms, Quenemo, Kans.
Moore, Sam'l L., & Sons Corp., grey iron castings, engines, machy., nitrating kettle, presses, etc., Elizabeth, N. J.
Moore & Scott Iron Wks., ship bldrs., 678 2d, San Francisco, Cal.
Moore Shipbldg. Co., Oakland, Cal.
Moore-Sieg Construction Co., Waterloo, Ia.
Moore Steam Turbine Corp., Wellsville, N. Y.
Moore, Stewart, architect, Texarkana, Ark.
Moore, Thos., Dist. Co., McKeesport, Pa.
Moore, Thos. J., machsts. & fndrs., Blossburg, Pa.
Moore & Thompson Paper Co., Bellows Falls, Vt.
Moore Truck & Mfg. Co., barrel, Trenton, Mich.
Moore, Tom, Distillery, Bardstown, Ky.
Moore Vegetable Boiler Purger Co., 35 Bates, Detroit, Mich.
Moore, W. S., architect, 30 E. 42d, New York.
Moore, W. Scott, & Co., architects, Public Savings Bldg., Indianapolis, Ind.
Moore & Wall, flour, Huffins, Tex.
Moore, Warner & Co., masons' & bldrs.' matls., 17th, Richmond, Va.
Moore, Watson, contrs., 110 Jessie, San Francisco, Cal.
Moore & White Co., paper & pulp mill machy. mfrs., N. 15th & Lehigh av, Philadelphia, Pa.
Moore, Wm., Co., contractors, 1278 W. 4th, N. W., Cleveland, Ohio.
Moore, Wm. D., & Sons, contractors, Winthrop, Brooklyn, N. Y.
Moore, Wm. R., contractor, Far Hills, N. J.
Moore, Wm. R. (Coll. of Technology), engng. schools & coll., Memphis, Tenn.
Moore & Wyman Elev. & Mach. Wks., 72 Granite, S. B., Boston, Mass.
Moorefield, J. Frank, architect, Gainesville, Ga.
Moore's, A., Sons, contractors, 423 W. 50th, New York.
Moores-Bode Gravel Co., Tara & Geneva, San Francisco, Cal.
Moores-Coney Co., masons' & bldrs.' matls., St. Paul Bldg., Cincinnati, Ohio.
Moores & Dunford, architects, 10 S. La Salle, Chicago, Ill.
Moores, Joel, & Co., fertilizer mfrs., 920 E. Fort av, Baltimore, Md.
Moores Lime Co., crushed stone, Springfield, Ohio.
Moore's, Roger, Sons & Co., masons' & bldrs.' matls., Wilmington, N. C.
Moore's Telephone System, Caro, Mich.
Mooresville Cotton Mills, Mooresville, N. C.
Moorhead, A. R., masons' & bldrs.' matls., Walton, Kans.
Moorhead Bros. & Co., machsts. & fndrs., Sharpsburg, Pa.
Moorhead, H. S., contractor, 220 S. Highland av, Pittsburg, Pa.
Moorehead, J. R., Lumber Co., Lexington, Mo.
Moorhead Mfg. Co., lbr. mfrs., Moorhead, Miss.
Moorhead Oil Co., cottonseed meal, Moorhead, Miss.
Moorhouse, G. W., oil supplies, Kinzua, Pa.
Moorhouse, R. T., paper pulp mills, 2655 Bridge, Bridesburg, Philadelphia, Pa.
Moorman, Eli S., & Son, boat oars, Plaquemine, La.
Moormann Bros., contractors, Bloomfield, N. J.
Moormon Bros. Co., contractors, Lynchburg, Va.
Moose River Lbr. Co., McKeever, N. Y.
Mooser, Wm., architect, Nevada Bk. Bldg., San Francisco, Cal.
Moosic Mfg. Co., canvas gloves, Moosic, Pa.
Mora Power Wagon Co., 5320 St. Clair av, Cleveland, Ohio.
Moran Boiler Co., steam htrs., Hopkins, Minn.
Moran Bolt & Nut Mfg. Co., Florida & Main, St. Louis, Mo.
Moran Bros., flour, Bonne Terre, Mo.
Moran Co., meat packers, Marysville, Cal.
Moran, D. E. & J. F., carriages, New London, Conn.
Moran, D. W., stone producers, wkrs. & dlrs., 270 Burnside av, New York.
Moran Flexible Steam Joint Co., Louisville, Ky.
Moran & Hastings Mfg. Co., elec. light fix. mfrs., etc., 18 W. Washington, Chicago, Ill.
Moran, John, contractor, Fitchburg, Mass.
Moran, John, & Son, bags & bagg'g, 213 Franklin, New York.
Moran, L. E., contrs., Keysen, W. Va.
Moran & Macnair, elec. light fix. mfrs., 72 W. Lake, Chicago, Ill.
Moran, Patrick, machsts. & fndrs., Grafton, W. Va.
Moran, R. J., htg. contrs., 1307 Atlantic av, Brooklyn, N. Y.
Moran, Robert, ship bldrs., Rosario, Wash.
Moran, Wm. Edgar, architect, 15 W. 38th, New York.
Morandi-Proctor Co., steel ranges, 86 Washington, Boston, Mass.
Moratz, Arthur F., architect, Bloomington, Ill.
Moratz, Paul O., flooring oak, Bloomington, Ill.
Morava Construction Co., 85th & Stewart av, Chicago, Ill.
Moravian Pottery & Tile Wks., Doylestown, Pa.
Moraw Bldg. Co., contrs., 127 N. Dearborn, Chicago, Ill.
Morawetz Co., auto. gloves, 217 E. Water, Milwaukee, Wis.
Morck, Wm. O., architect, Lombard Bldg., Indianapolis, Ind.
Morcombe, F. T., & Co., contractors, 155 Kneeland, Boston, Mass.
Morden Frog & Crossing Wks., switches, etc., 208 S. La Salle, Chicago, Ill.
Morden Mfg. Corp., loose leaf devices & key rings, Waterbury, Conn.
More, Jonas, Glass Co., Bridgeton, N. J.
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
Moree, Wm. B., Lbr. Co., Rochester, N. Y.
Morehead Mfg. Co., machsts & fndrs., Detroit, Mich.
Morehouse Bros. Co., sash, door & blind, Meriden, Conn.
Morehouse, C. C., contractor, 872 Folsom, San Francisco, Cal.
Morehouse, Ferris S., architect, South Norwalk, Conn.
Morehouse & Wells Co., wholesale hdwe., mill & facty. supplies, Decatur, Ill
Morel Bros., machsts. & fndrs., Wolcottville, Ind.
Moreland, H. D., Co., contractors, 105 N. Clark, Chicago, Ill.
Moreland Motor Truck Co., Los Angeles, Cal.
Morell, Jas., machsts. & fndrs., Van Buren, Ark.
Morell & Nichols, landscape architects, Palace Bldg., Minneapolis, Minn.
Morelli, Nicholas A., architect, Orange, N. J.
Morency-Van Buren Mfg. Co., machsts. & fndrs., Sturgis, Mich.
Moreng, Jos., Iron Wks., 208 E. 19th, New York.
Moreno-Burkham Constr. Co., Syndicate Trust Bldg., St. Louis, Mo.
Morenus, E., Co., thermometers, Cleveland, N. Y.
Morenus Piano Co., 341 W. Superior, Chicago, Ill.
Moresi, Antoine, Co., Ltd., Jeanerette, La.
Morewood Standard Safety Devices Co., window bolts & display fixtures, 253 B'way, New York.
Morey, Alex W., machsts., Troy, N. Y.
Morey, Chas. H., lbr., Bemis, N. H.
Morey, Clarence E., organs, Utica, N. Y.

Morey Clay Products Co., Ottumwa, Ia.
Morey Flux & Chemical Co., welding compound, Parkesburg, Pa.
Morey, Richard, contractor, Chemical Bldg., St. Louis, Mo.
Morgan, Austin Co., sashes, doors & blinds, Greenville, S. C.
Morgan Bros., sash, door & blind mfrs., Burlington, Vt.
Morgan, C. Stanley, felt coverings, 271-73 Jefferson av, Detroit, Mich.
Morgan Canning Co., Morgan, Utah.
Morgan Carriage Co., Wheeling, W. Va.
Morgan Casket Co., 572 Park av, Brooklyn, N. Y.
Morgan, Chas. L., architect, 116 S. Michigan av, Chicago, Ill.
Morgan, Clark System Co., vacuum heating systems, 382 Exchange, Rochester, N. Y.
Morgan Co., built-in furniture, Oshkosh, Wis.
Morgan Co., sash, door, blind & lbr. mfrs. & wholesale dlrs., 21 E. 40th, New York.
Morgan Construction Co., Adams, Boston, Mass.
Morgan Construction Co., wire & rolling mill machy., Worcester, Mass.
Morgan Crucible Co., carbon brushes, 519 W. 38th, New York.
Morgan Drug Co., soap, 1512 Atlantic av, Brooklyn, N. Y.
Morgan, E., contractor, Savannah, Ga.
Morgan, E. E., masons' & bldrs.' matls., Ravenna, Ohio.
Morgan, E. S., machsts., Dublin, Ind.
Morgan, Edw., Mach. Co., 35 Vesey, Newark, N. J.
Morgan Engineering Co., Alliance, Ohio.
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Morgan Envelope Co., toilet paper & holders, Springfield, Mass.
Morgan, Flaherty, granite producers, St. Cloud, Minn.
Morgan-Gardner Elec. Co., coal cutting & mining machines, 2640 Shields av, Chicago, Ill.
Morgan, Geo. W., architect, East Haddam, Conn.
Morgan & Hamilton Co., bag & bagging, Nashville, Tenn.
Morgan & Horton, masons' & bldrs.' matls., Jackson, Ohio.
Morgan & Humiston Co., plate glass, New Haven, Conn.
Morgan, J. E., contractor, El Paso, Tex.
Morgan, J. F., & Son, heaters, Lynn, Mass.
Morgan, J. L., flour, Marion, N. C.
Morgan, J. M., & Co., contractors, Birmingham, Ala.
Morgan, John, lbr. mfrs., Guys Mills, Pa.
Morgan, John, & Sons, stained glass, 96 5th av, New York, & 17 Union av, Brooklyn, N. Y.
Morgan, John T., & Son, flour mills, Stone Mountain Va.
Morgan, Julia, architect, Merchants' Ex. Bldg., San Francisco, Cal.
Morgan Knitting Mills, sweaters, 457 18th av, Newark, N. J.
Morgan Lbr. & Cedar Co., Oshkosh, Wis.
Morgan Lumber & Mfg. Co., bank fixtures, Charleston, W. Va.
Morgan Machine Co., boxmakers machinery, Rochester, N. Y.
Morgan Mfg. Co., hose clamps, piston rings, tool holders, metal polish, etc., Newport, R. I.
Morgan Mfg. Co., wooden handles, Wyaconda, Mo.
Morgan & Morgan, contractors, Madison, Wis.
Morgan, O. E., lumber, Gresham, Wis.
Morgan, O. W., Esq., archit., I. N. Van Nuys Bldg., Los Angeles, Cal.
Morgan Paint Co., Reading, Pa.
Morgan, S. D., architect, Lisbon, N. H.
Morgan Sash & Door Co., columns, lumber, moulding, etc., 2287 Blue Island av, Chicago, Ill.
Morgan Silver Plate Co., hdwe. mfrs., Winsted, Conn.
Morgan Spring Co., wire, springs & wire specialty mfrs., Worcester, Mass. *See adv index at end of book.*
Morgan Steel & Wire Co., fence staples, Kokomo, Ind.
Morgan, Thomas H., archit., Grant Bldg., Atlanta, Ga.
Morgan Veneer Co., Pine Bluff, Ark.
Morgan, W., & Co., heating contractors, Monadnock, San Francisco, Cal.
Morgan, W. L., archit., Morgan Bldg., Portland, Ore.
Morgan, Walls & Morgan, architects, Van Nuys Bldg., Los Angeles, Cal.
Morgan-West Box Co., packing, Memphis, Tenn.
Morgan, Wm., cornices, Mahanoy City, Pa.
Morgan, Wm. Z., contr., Kokomo, Ind.
Morgan & Williams Co., carriages, Warren, Ohio.
Morgan & Wright, rubber tires, etc., Detroit, Mich.
Morgan's C. Sons, wholesale hdwe., Wilkes-Barre, Pa.
Morgan's Enoch Sons Co., soap, 439 West, New York.
Morgans & Wilcox Mfg. Co., machsts., Middletown, N. Y.
Morgantown Brick Co., masons' & bldrs.' matls., Morgantown, W. Va.
Morgantown Hardware Co., cornices & skylights, Morgantown, W. Va.
Morgantown Packing Co., canned goods, Morgantown, Ind.
Morgenstern & Brill, advert. nov. & specialties, 26 W. 17th, New York.
Morgenstern, F. Louis, contractor, Easton, Pa.
Morgenstern, Geo. A., architect, Easton, Pa.
Moriarty Bros., cornices & skylights, South Hadley Falls, Mass.
Moriarty, E. A., cornices, 84 John, Hartford, Conn.
Moriarty, G. J., range boilers, 28 Harvard, Boston, Mass.
Moriarty, W. H., lbr., Waitsfield, Vt.
Morimura Bros., Japanese lanterns, 55 W. 23d, New York.
Morin, Eugene, architect, Missoula, Mont.
Morin, J. B., contractor, Lowell, Mass.
Morin, S. J., saw gauges, Seattle, Wash.
Morison, Augustus B., architect, Hasbrouck Heights, N. J.
Morison Bros., fertilizer mfrs., Bangor, Me.
Morison, David, contractor, 119 W. 33d, New York.
Morison, W. K., & Co., wholesale hdwe., mill & facty. supplies, 15 S. 7th, Minneapolis, Minn.
Morisrite Mfg. Co., insecticide, Bloomfield, N. J.
Moritz, F. G., masons' & bldrs.' matls., Pabst Bldg., Milwaukee, Wis.
Moritz, Herman, & Excelsior Shrinking Co., machy., 310 6th av, New York.
Moritz, Isaac, cornices & skylights, 1192 2d av, New York.
Mork, P. F., fndrs., Beloit, Wis.
Morkrum Co., machsts., 24 W. Austin, Chicago, Ill.
Morley Bros., harness mfrs., wholesale hdwe., mill & facty. supplies, Saginaw, Mich.
Morley Button Mfg. Co., upholsterers' tacks, Portsmouth, N. H.
Morley Cypress Co., Morley, La.
Morley, Geo., lbr. mfrs., U. T. Bldg., Detroit, Mich.
Morley Mfg. Co., shoe buttons, insulating washers, 120 Boylston, Boston, Mass.
Morley-Murphy H'dwe Co., Green Bay, Wis.
Morley, Patrick J., contractor, 709 Wyandote, Kansas City, Mo.
Morlock Machine Works, Danbury, Conn.
Morlok, F., canned goods, Abington, Md.
Morman, S. A., & Co., machsts. & bldrs.' matls., Grand Rapids, Mich.
Morner & Smith, patterns & models, Dayton, Ohio.
Morningstar, Chas., & Co., tapioca flour & seal'g wax, 233 B'way, New York.
Moroff, John, & Son, contractors, Bradley, Ill.
Moroney Hardware Co., Dallas, Tex.
Morral Bros., machinists, Morral, Ohio.
Morral Clay Co., Morral, Ohio.
Morral Drain Tile Co., brick, Morral, Ohio.
Morreau Co., machsts. & fndrs., 1305 Oregon av, N. E., Cleveland, Ohio.
Morrell, John, & Co., canned goods & meat packers, Ottumwa, Ia.
Morrell, John, & Son, architects, Clinton, Ia.
Morrell, R. P., architect, Stockton, Cal.
Morrice, Wm., Co., contractors, 17 N. La Salle, Chicago, Ill.
Morrill, C. E., & Son, carriages, Readfield, Me.
Morrill, Chas., tools, 100 Lafayette, New York.
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Morrill, Geo. H., Co., bronze powders, inks, size, etc., Norwood, Mass.
Morrill & Morley Mfg. Co., pumps, Benton Harbor, Mich.
Morrillton Cotton Oil Co., Morrillton, Ark.
Morris, A. F., contractor, Bryant Bldg., Kansas City, Mo.
Morris & Allan, contractors, Builders' Exch., Buffalo, N. Y.
Morris & Bailey Steel Co., State, Pittsburgh, Pa.
Morris, C. E., Co., steel structural work, Curtis av, Columbus, Ohio.
Morris, C. L., masons' & bldrs.' matls., Plymouth, Ind.
Morris Canning Co., Lambertsville, N. J.
Morris, Chas., architect, 16 E. 23d, New York.
Morris, Chas. O., architect, Lombard Bldg., Indianapolis, Ind.
Morris, Chas. S., common brick, Berlin, Wis.
Morris China Co., potteries, Trenton, N. J.
Morris & Co., bags & baskets, Groveville, N. J.
Morris & Co., meat packers, 38 S. Dearborn, Chicago, Ill.
Morris Cotton Mills Co., cotton sheetings, Cateechee, S. C.
Morris County Crushed Stone Co., Morristown, N. J.
Morris & Cumings Dredging Co., 17 State, New York.
Morris Cutlery Co., Morris, Ill.
Morris, E. Joy, carousels, locomotives, etc., 902 Walnut, Philadelphia, Pa.
Morris, E. K., & Co., iron & steel, heavy hdwe., mill & facty. supplies, etc., 317 W. 2d, Cincinnati, Ohio.
Morris, Elias, & Sons Co., masons' & bldrs.' matls., Salt Lake City, Utah.
Morris, Elmer P., Iron Works, iron lamp posts, etc., 136 Liberty, New York.
Morris & Erskine, architects, Crozer Bldg., Philadelphia, Pa.
Morris Fertilizer Co., Atlanta, Ga.
Morris, G. E., architect, Elgin, Ill.
Morris Grain Dryers & Salvage Co., Milwaukee, Wis.
Morris, I. P., Co. machsts. & fndrs., Beach and Ball, Phila., Pa.
Morris-Ireland Safe Co., 64 Sudbury, Boston, Mass.
Morris Iron & Steel Co., iron works, Frederick, Md.
Morris, J. S., carriages, Waupun, Wis.
Morris, John B., Fndry. Co., Court & Harriet, Cincinnati, Ohio.
Morris-Jones-Brown Mfg. Co., excelsior mfrs., Dubuque, Ia.
Morris, M. F., architect, Atlanta Nat'l Bk. Bldg., Atlanta, Ga.
Morris Mach. Tool Co., machy. & tools, Court & Harriet, Cincinnati, Ohio.
Morris Machine Wks., pumps, Baldwinsville, N. Y.
Morris Machy. Co., dlrs., Newark, N. J.
Morris Machy. Co., Huntington, W. Va.
Morris Mfg. Co., caskets, etc., 10 Cross, Newark, N. J.
Morris Mfg. Co., clothes' washing mach., El Reno, Okla.
Morris Metallic Packing Co., Lehigh av & Mutter, Phila., Pa.
Morris Paper Mill Co., Morris, Ill.
Morris, Percival J., architect, Burr Bldg., Scranton, Pa.
Morris, R. B., Lbr. Co., Mount Olive, Miss.
Morris, R. F., flour mills, Henderson, W. Va.
Morris, R. W., Mfg. Co., metal & furniture polish, 815 E. 21st, Kansas City, Mo.
Morris, Richard S., & Co., metal polish, 138 N. Dearborn, Chicago, Ill.

Morris, Shepard & Dougherty, contractors, Globe Bldg., St. Paul, Minn.
Morris, T. J., mill & facty. supplies, Springfield, Mass.
Morris, Theo., W. & Co., wholesale plate & window glass, 440 Canal, New York.
Morris, Thos., Jr. (Est. of), archl. iron, Yonkers, N. Y.
Morris Truck & Wheel Co., machsts. & fndrs., Phila., Pa.
Morris, W. J., contractor, Trenton, N. J.
Morris, Wheeler & Co., steel struct. dlrs., 1608 Market, Philadelphia, Pa.
Morris, Wm. G., & Bro., masons' & bldrs.' matls., Frankfort, Ind.
Morris, Wm., & Sons Co., sash, door & blind mfrs., 1000 W. 50th, Chicago, Ill.
Morrison, Angus Co., mchsts. & fdrs., 189 High, Boston, Mass.
Morrison Bros., tanks, Dubuque, Iowa
Morrison Bros. Co., stone prod., 459 South, Pittsburgh, Pa.
Morrison, Chas. C., Co., paint mfrs., 15 S. Clinton, Chicago, Ill.
Morrison, Charles H., canned goods, Aurora, Mo.
Morrison Contracting Co., Cooper bldg., Denver, Colo.
Morrison, D. B. Co., lumber, Morriston, Fla.
Morrison, David G., stone prod., 373 Vernon av, Long Island City, N. Y.
Morrison, E. W., architect, Hyde Bldg., Spokane, Wash.
Morrison Fndry Co., 111 Gotthart, Newark, N. J.
Morrison, Frank, crates, Marion, N. Y.
Morrison, H. D., machinists, Charlotte, N. Y.
Morrison & Harvey, lbr. mfrs., Valdosta, Ga.
Morrison, J. L., Co., machsts., Niagara Falls, N. Y.
Morrison, J. R., architect, 20 W. Jackson blvd., Chicago, Ill.
Morrison, J. W., Lumber Co., 927 Lbr. Ex., Minneapolis, Minn.
Morrison, Jas. E., Co., efficiency engnrs., Penobscott Bldg., Detroit, Mich.
Morrison, Jas. J., Mach. Co., Paterson, N. J.
Morrison, L. E., & Co., auto baskets, 27 W. Washington, Indianapolis, Ind.
Morrison & Levanair, turpentine, Bartow, Fla.
Morrison L'br Co., 742 Brannon, San Francisco, Cal.
Morrison & McIntyre, turpentine, Fort Meade, Fla.
Morrison, Merrill & Co., masons' & bldrs.' matls., Salt Lake City, Utah
Morrison Mill Co., lumber, Bellingham, Wash.
Morrison-Miller H'dwe Co., Winona, Minn.
Morrison, R. W., Constr. Co., International Life Bldg., St. Louis, Mo.
Morrison-Ricker Mfg. Co., gloves—automobile, Grinnell, Ia.
Morrison & Risman, scrap iron & steel, etc., 1437 Bailey av & B'way, Buffalo, N. Y.
Morrison, Risser, Hdwe. Co., whol. hdwe., Winona, Minn.
Morrison Tent & Awning Co., 213 N. 3d, St. Louis, Mo.
Morrison, W. E., brick, Statesville, N. C.
Morrison, W. E., coiled elm hoops, Poplar Bluff, Mo.
Morrison, W. H., mill & facty. supplies, Torrington, Conn.
Morrison, Wm. E., & Son, contractors, Meadville, Pa.
Morrison, Wm. L., architect, 70 Kilby, Boston, Mass.
Morrison, Wm. O., Cooper Bldg., Denver, Colo.
Morrison Woolen Co., woolen flannels, Dexter, Me.
Morrison & Young, contrs., Salem, Mass.
Morriss Bros., stone producers, Memphis, Tenn.
Morrissey Carriage Co., Pueblo, Colo.
Morrissey & Co., brick, Grassy Point, N. Y.
Morristown Boat & Engine Co., Morristown, N. Y.
Morrisville Fdry. Co., Morrisville, Vt.
Morrow Bros., contractors, Fidelity Bldg., Baltimore, Md.
Morrow Co., hand vacuum cleaners, Waukegan, Ill.
Morrow, David W., architect, Garfield Bldg., Cleveland, O.
Morrow & Garren, arch's., Chronicle Bldg., San Francisco, Cal.
Morrow, Jas. R., spring beds, Ft. Wayne, Ind.
Morrow, John, flour mill, Leadhill, Ark.
Morrow, John, Co., cornices, 313 W. 20th, New York.
Morrow & Licklider, masons' & bldrs. matls., Piqua, O.
Morrow Mfg. Co., machinery & mine tipples, Wellston, O.
Morrow Mfg. Co., machsts., Elmira, N. Y.
Morrow Packing Co., Morrow, O.
Morrow Thos. Hardware Co., Amarillo, Tex.
Morrow's, J., Sons, flour, Oaks, N. C.
Morsani Canning Co., Tontitown, Ark.
Morschhauser, W. A., add'g mach'y., 1 Madison av, New York
Morse, A. B., Co., advtg. spec., St. Joseph, Mich.
Morse, A. J., & Son, Inc., couplings, nozzles, wrenches, etc., 221 High, Boston, Mass.
Morse Adding Mach. Co., 18 N. Ada, Chicago, Ill.
Morse, Augustus F., lbr., Chester, N. H.
Morse-Boulger Destructor Co., garbage disposal plants, 39 Cortlandt, New York
Morse Bros. Machy. & Supply Co., Denver, Colo.
Morse Burton E., architect, Twin Falls, Idaho
Morse Canning Co., Mora, Wash.
Morse Chain Co., power transmission appliances, Ithaca, N. Y.
Morse & Co., lumber, Bangor, Me.
Morse Dry Dock & Repair Co., Ft. 56th, Brooklyn, N. Y.
Morse, E. W., Co., mill & facty. supplies, Binghamton, N. Y.
Morse, Edward P., architect, Winthrop, Mass.
Morse, Edwin K., arch'tl. eng'rs., 316 4th av, Pittsburgh, Pa.
Morse, Frank E., Co., masons' & bldrs.' matls., 17 State, New York

MORSE, FRANK W., electric lighting appliances for factories, mills & street lights, automobiles & motor boats, also attachments for household labor saving devices, mfrs., 289 Congress, Boston, Mass. *See adv index at end of book.*
Morse, Fred S., lbr. mfrs., Springfield, Mass.
Morse Gasoline Economizers Co., Barrington, R. I.
Morse, Geo. L., architect, Riverside, Conn.
Morse, H. A., & Co., lbr. mfrs., Walpole, Mass.
Morse, H. M., architect, Citizens Bldg., Cleveland, O.
Morse Hardware Co., Bellingham, Wash.
Morse, Henry G., architect, 101 Park av, New York.
Morse, J. F., & Co., soap, 66 Norfolk av, Rox., Boston, Mass.
Morse, L., & Sons, window ventilators, Athol, Mass.
Morse, Leonard, architect, 41 S. 15th, Philadelphia, Pa.
Morse, R. F., gauge glass preservers, 86 Weybosset, Providence, R. I.
Morse, Roy B., mill & factory supplies, 3d av & 35th, Brooklyn, N. Y.
Morse & Son Co., steel sheets, 1881 E. 87th, Cleveland, Ohio.
Morse, Tenney & Co., steamfitters' supplies, 143 Pearl, Boston, Mass.
Morse Thermo Gage Co., Ithaca, N. Y.
Morse Twist Drill & Machine Co., countersinks, cutters, dies, drills, gages, etc., New Bedford, Mass.
Morse, Walter I., mill & facty. supplies, Andover, Mass.
Morse, Wm. B., Lbr. Co., Rochester, N. Y.
Morss, A. S., Co., hdwe. mfrs. (marine), 132 Federal, Boston, Mass
Morss & Whyte Co., bank railings, Sidney & Pilgrim, Cambridge, Mass.
Mortensen & Co., brewery architects, 405 Lexington av, New York.
Mortensen & Kelton, contractors, 1509 7th, Seattle, Wash.
Mortenson Construction Co., 19th & Indiana, San Francisco, Cal.
Mortenson, Jacob, Lumber Co., Wausau, Wis.
Mortenson, Sam'l, & Co., pennant mfrs., 833 W. Jackson blvd, Chicago, Ill.
Morton, A. M., & Co., mill & facty. supplies, 25 Washington, Boston, Mass.
Morton Bros. & Co., contractors, Washington, Ind.
Morton Canning Co., Morton, N. Y.
Morton, E. D., & Co., machsts.' tools, mill, facty. & steamfitters' supplies, 516 W. Main, Louisville, Ky.
Morton, F. B., plumbers' supplies, 515 E. 31st, Los Angeles, Cal.
Morton, Geo. L., Co., turpentine distillers, Wilmington, N. C.
Morton, Gregson Co., meat packers, 80 E. Jackson blvd, Chicago, Ill.
Morton, Jas. & Son, Co., whol. hdwe., Omaha, Neb.
Morton Mfg. Co., metal planing, shaping & slotting machines, Muskegon Heights, Mich.
Morton Motor Co., machsts., 46 Lafayette av, E. Detroit, Mich.
Morton Oil Mills, Millen, Ga.
Morton-Pettitt Co., whol. hdwe., mill & facty. supplies, 3951 St. Clair, Cleveland, Ohio.
Morton, R. P., brick, Brickton, Minn.
Morton Salt Co., soda ash, sal soda, salt mfrs., etc., 80 E. Jackson blvd, Chicago, Ill.
Morton-Simmons Hardware Co., Wichita, Kans.
Morton & Son Co., counters, Rochester, N. Y.
Morton, Thomas, sash chains & hdwe. mfrs., 245 Center, New York.
Morton, Thos. S., & Son, machsts., Blooming Prairie, Minn.
Morton Truck & Tractor Co., Harrisburg, Pa.
Morton & West, architects, 10 High, Boston, Mass.
Morton, Wm. A., contractor, Wabash Bldg., Pittsburgh, Pa.
Morton's, John, Sons Co., masons' & bldrs.' matls., 387 Carroll, Brooklyn, N. Y.
Mosaic Shade Co., 1512 S. Michigan av, Chicago, Ill.
Mosaic Tile Co., Zanesville, Ohio.
Mosberger Lbr. Co., Angelica & Wharf, St. Louis, Mo.
Mosby-Goodrich Constr. Co., N. Y. Life Bldg., Kansas City, Mo.
Moschel, Jacob, Sons, meat packers, 153 Peckham, Buffalo, N. Y.
Mosechl-Edwards Corrugating Co., metallic windows, etc., Covington, Ky.
Mosehart & Keller Co., carriages, Houston, Tex.
Moseley & Co., knitted gloves, Needham Heights, Mass.
Moseley-Horne Co., starch mfrs., Keokuk, Iowa.
Moseley Lathe Co., Elgin, Ill.
Moseley & Motley Milling Co., flour, Rochester, N. Y.
Moser, A. J., & Co., machsts. & fndrs., Berne, Ind.
Moser, A. P., architect, 803½ E. Main, Richmond, Va.
Moser, Chas., Co., paints, Cincinnati, Ohio.
Moser, Geo. W., flour mills, Evening Shade, Ark.
Moser, M. A., contractor, Raleigh, N. C.
Moser Mfg. Co., machsts. & fndrs., Kane, Pa.
Moser Pattern & Fdry. Co., match plates, Newark, Ohio.
Moser, Philip B., architect, Dickson Bldg., Norfolk, & 1108 E. Main, Richmond, Va.
Moser, Wm., brick, Perrysburg, Ohio.
Moses, A. C., Constr. Co., 916 N. Y. av, N. W., Washington, D. C.
Moses, A., Sons & Co., sponges & chamois imp., 73 Wooster, New York.
Moses, Arnold H., architect, 136 S. 4th, Philadelphia, Pa.
Moses, Chas. A., Construction Co., 133 W. Washington, Chicago, Ill.

Moses, F. L. & Bro., flour mills, Chatham, Va.
Moses, Geo. C. & Son, masons' & bldrs.' matls., Junction City, Kan.
Moses, Lionel 2d, architect, 101 Park av, New York.
Moses, Pope & Messer, chem. engrs., 366 5th av, New York.
Moshelk, Philip, wash boilers, 1108 S. Halsted, Chicago, Ill.
Mosher & Castle, masons' & bldrs.' matls., Sandwich, Ill.
Mosher, F. M., racks, Canton, Ill.
Mosher, J. R., fndrs., Greene, N. Y.
Mosher Mfg. Co., machsts. & fndrs., Dallas, Tex.
Mosier & Summers, contractors, 1266 Seneca, Buffalo, N. Y.
Mosinee Land, Log & Timber Co., lumber, Mosinee, Wis.
Moskowitz Bros., scrap iron, rubber, 7th & Freeman, Cincinnati, Ohio.
Mosle, H., & Co., cement importers, Galveston, Tex.
Mosler, A. R., & Co., carburetors, ignition cables, spark plugs, etc., Mt. Vernon, N. Y.
Mosler Safe Co., bank vaults, safes, etc., Hamilton, Ohio.
Moss, Arthur J., circular & band saws, knives, etc., 178 Center, New York.
Moss, C. W., masons' & bldrs.' matls., 218 Tennyson, Cincinnati, Ohio.
Moss, Geo. A., machsts., Plymouth, Pa.
Moss, Hy., & Co., rubber stamps, 37 Beaver, New York.
Moss, J. E., Iron Wks., archl. iron, Wheeling, W. Va.
Moss & Kendall, machsts. & fndrs., 550 W. 25th, New York.
Moss, L. R., architect, Bk. of Com. Bldg., Norfolk, Va.
Moss, Morris L., cornices, 38 S. Eden, Baltimore, Md.
Moss Point Fertilizer Co., Moss Point, Miss.
Moss, R. L., Mfg. Co., lumber, Athens, Ga.
Moss & Satterlee, elec. ry. supplies, Kansas City, Mo.
Moss, T. J., Tie Co., Security Bldg., St. Louis, Mo.
Moss, W. E., mach. fndr., Charles City, Ia.
Mossberg, Frank, Co., wrenches, metal stampings, etc., Attleboro, Mass.
Mossberg Wrench Co., machsts., 25 Church, Providence, R. I.
Mosser, J. K., Co., boot counters, Williamsport, Pa.
Mosser, W. F., & Son, machsts. & fndrs., Allentown, Pa.
Mossman Bros. Co., masons' & bldrs.' matls., Huntington, W. Va.
Mossman, Jerome (Est. of), wood novelties, Fitchburg, Mass.
Mossman, Wm. E., lumber mfrs., Ft. Wayne, Ind.
Mossman, Yarnelle & Co., machy. dlrs., Fort Wayne, Ind.
Mosso, C. A., compounds, 2253 Warren av, Chicago, Ill.
Mostberger Iron Co., 878 S. Division, Buffalo, N. Y.
Motch & Merryweather Machy. Co., machsts' tools, 711 Lakeside av, N. W., Cleveland, Ohio.
Motionscope Co., moving picture films, 107 S. Capitol av, Indianapolis, Ind.
Motkins, A. L., & Sons, contractors, 23 Church, New Haven, Conn.
Motl, Chas. K., architect, 117 Fort W., Detroit, Mich.
Motley Bros. Elec. Co., signs, Memphis, Tenn.
Motley, Jas. M., mill & facty. supplies, 71 Beaver, New York.
Motley, Thornton N., & Co., contrs. tools & supplies, 70 E. 45th, New York.
Moto Meter Co., Inc., fuel level indicators, 15 Wilbur av, Long Island City, N. Y.
Motor Age, trade publication, 59 E. Madison, Chicago, Ill.
Motor Boat, trade publication, 239 W. 39th, New York.
Motor Car Equip. Co., horns & valve grind'g compounds, 19 W. 62nd, New York.
Motor Car Supply Co., 1453 Michigan av, Chicago, Ill.
Motor Castings Co., 710-50 Hart av, Detroit, Mich.
Motor Compressor Co., ignitors, compressed air starters, Newark, N. J.
Motor Conveyance Co., 420 Jefferson, Milwaukee, Wis.
Motor Engng. Co., work benches, 1917 E. 61st, Cleveland, Ohio.
Motor Fdry. Co., 710 Hart av, Detroit, Mich.
Motor & Machsts. Supply Co., metal polish, 1519 Grand, Kansas City, Mo.
Motor Products Corp., solder, copper & spec., Mack av & Belt Line, Detroit, Mich.
Motor Protector Mfg. Co., switches, San Francisco, Cal.
Motor Sheet Metal Wks., cornices & skylights, Seattle, Wash.
Motor Spec. Co., Waltham, Mass.
Motor Truck Body Co., auto. bodies, Central & Wabash R. R., Detroit, Mich.
Motor World, trade publication, 239 W. 39th, New York.
Motorcycle Equipment Co., Hammondsport, N. Y.
Motors Appliance Co., speedometers, E. Moline, Ill.
Motsinger Device Mfg. Co., carburetors, machsts. & fndrs., Lafayette, Ind.
Motsinger Rotary Engine Co., Fredonia, Pa.
Mott, A. H., architect, Nebraska Bldg., Hulsa, Okla.
Mott, Chas. Earle, architect, Prudential Bldg., Buffalo, N. Y.
Mott Haven Color Wks., varnish, paint, etc., 395 Mott av, New York.
Mott, J. B., machsts. & fndrs., Hollisterville, Pa.
Mott, J. L., Iron Works, plumbing & sanitary fixtures, etc., Trenton, N. J.
Mott Sand Blast Mfg. Co., 24 S. Clinton, Chicago, Ill., & 2-8 Frost, Brooklyn, N. Y.
Mott, Wallace A., label, gummed tapes, Norwalk, Conn.
Mott Wheel Works, Jackson, Mich.
Motter, Jacob, & Son, carriages, Canton, Ohio.
Motter's, Geo. F., Sons, mill & factory supplies, York, Pa.
Mottu, Theo., & Co., sash, door & blind mfrs., 1022 Penna av, Baltimore, Md.
Mottu & Whyte, architects, 322 N. Charles, Baltimore, Md.
Motz, C. C., architect, Stahlman Bldg., Nashville, Tenn.
Motz Clincher Tire & Rubber Co., Akron, Ohio.
Motz, W. E., cornices, 1197 Michigan, Detroit, Mich.
Mouat-Squires Co., radiator valves, 1246 W. 4th, Cleveland, O.
Moudy, T. S., & Co., contractors, Chattanooga, Tenn.
Moul, C., & Co., sash, door & blind mfrs., Hanover, Pa.
Moul, Henry S., architect, Gloversville, & Hudson, N. Y.
Moul, J. H., & Sons, lime, Bittinger, Pa.
Mould, C. T., architect, Pottsville, Pa.
Mould, F. W., granite, Morrisville, Vt.
Moulds & Brown, contractors, Rowland Bldg., Detroit, Mich.
Moulton, A. H., htg. contr., Portland, Me.
Moulton, C. W. H., Co., clothes bars, roof brackets, wagon jacks, ladders, etc., Somerville, Mass.
Moulton Engineering Corp., chemical engineers, 534 Congress, Portland, Me.
Moulton & Evans, grain elev. bldrs., Minneapolis, Minn.
Moulton Ladder Co., York Corner, Me.
Moulton, W. A., canned goods, Phoenix, N. Y.
Moulton Wireless Umbrella Co., Wilmington, Ohio.
Moultrie Cotton Mills, Moultrie, Ga.
Moultrie Fertilizer & Mfg. Co., Moultrie, Ga.
Moultrie Oil & Fertilizer Co., Moultrie, Ga.
Mounce, D. H., & Co., sashes, doors & blinds, Moberly, Mo.
Mound City Brick & Gas Co., Mound City, Kans.
Mound City Buggy & Auto Co., carriages, 2007 Locust, St Louis, Mo.
Mound City Cut Glass Wks., Moundsville, W. Va.
Mound City Duck & Rubber Co., contrs.' tents, 832 N. B'way, St. Louis, Mo.
Mound City Iron Wks., St. Louis, Mo.
Mound City Mach. & Pattern Co., St. Louis, Mo.
Mound City Oil & Supply Co., lubrg., 204 N. Commercial, St. Louis, Mo.
Mound City Paint & Color Co., 1531 N. 11th, St. Louis, Mo.
Mound City Roofing Tile Co., 3301 Morganford rd, St. Louis, Mo.
Mound Coffin Co., Main & Chambers, St. Louis, Mo.
Mound, Rose, Cornice Co., 726 N. Euclid av, St. Louis, Mo.
Mound Tool Co., 1203 S. 7th, St. Louis, Mo.
Mound Valley Glassware Mfg. Co., Mount Valley, Kans.
Moundridge Milling Co., flour, Moundridge, Kans.
Mounster, R C., masons' & bldrs.' matls., Charleroi, Pa.
Mount, A. P., & Son, architects, Corry, Pa.
Mount Airy Buggy Co., Mount Airy, N. C.
Mount Airy Granite Cutting Co., Mount Airy, N. C.
Mount & Brady, leather belting mfrs., 46 Mechanic, Newark, N. J.
Mount Calvary Canning Co., Mount Calvary, Wis.
Mount Carmel Brass Fdry. Wks., hook head bolts, Mount Carmel, Conn.
Mount Carmel Iron Wks., machsts. & fndrs., Mount Carmel, Pa.
Mount Clemens Brick & Tile Co., Mount Clemens, Mich.
Mount Clemens Sugar Co., Mount Clemens, Mich.
Mount Gilead Lumber Co., Mount Gilead, Ohio.
Mount Gilead Tile & Pottery Co., flower pots, Mount Gilead, O.
Mount Gretna Brownstone Co., Lebanon, Pa.
Mount, Henry, architect, Brownswood, Tex.
Mount Holyoke Tissue Mills, Holyoke, Mass.
Mount Hood Soap Co., Portland, Ore.
Mount Hope Chemical Charcoal Wks., Mount Hope, Pa.
Mount, J. W., Co., auto. metal bodies, Maple av, Red Bank, N. J.
Mount Morris Canning Co., Mt. Morris, N. Y.
Mount Olive Brick & Tile Co., Mount Olive, Ill.
Mount Olive Stave Co., cooperage stock, Batesville, Ark.
Mount Penn Sand & Stone Wks., Reading, Pa.
Mount Penn Stove Wks., Reading Pa.
Mount Pleasant Banding Co., New Bedford, Mass.
Mount Pleasant Canning Co., Mount Pleasant, Ia.
Mount Pleasant Fertilizer Co., Mt. Pleasant, Tenn.
Mount Pleasant Iron Fdry, New Bedford, Mass.
Mount Pulaski Wind Mill Co., Mount Pulaski, Ill.
Mount Shasta Milling Co., flour, Montague, Cal.
Mount Tom Sulphite Pulp Co., 50 State, Boston, Mass.
Mount Union Refractories Co., brick, Mount Union, Pa.
Mount Union Tanning & Extract Co., Mount Union, Pa.
Mount Vernon Belting Co., 333 Warren av, Baltimore, Md.
Mount Vernon Bridge Co., Mount Vernon, Ohio.
Mount Vernon Car Mfg. Co., Mount Vernon, Ill.
Mount Vernon Cream Co., canned goods, Seattle, Wash.
Mount Vernon Lime Co., Mount Vernon, Ky.
Mount Vernon Mattress & Furn. Co., Mount Vernon, Ill.
Mount Vernon Straw Board Co., Mount Vernon, Ind.
Mount Vernon-Woodberry Mills, cotton goods mfrs, Balto., Md.
Mount Waldo Granite Wks., Frankfort, Me.
Mountain City Cabinet Co., Chattanooga, Tenn.
Mountain City Fdry. & Mach. Wks., Greenville, S. C.
Mountain City Mill Co., flour, Chattanooga, Tenn.
Mountain City Milling Co., flour, Greenville, S. C.
Mountain City Stove & Mfg. Co., Chattanooga, Tenn.
Mountain Community, elec. portables & shades, 176 Madison av, New York.
Mountain Copper Co., Ltd., 332 Pine, San Francisco, Cal.
Mountain Iron Wks. Co., Denver, Colo.

Mountain Mill Paper Co., Lee, Mass.
Mountain Milling Co., flour, White Sulphur Springs, W. Va.
Mountain Paper Co., Wilkes-Barre, Pa.
Mountain States Rubber Co., mill & facty. supp., Denver, Colo.
Mountain Timber Co., lumber, Kalama, Wash.
Mountford Mfg. Wks., cameras, Dumont, N. J.
Mountford & Son, potters' supplies, East Liverpool, Ohio.
Mountjoy, Carl H., architect, Columbia Bldg., Columbus, Ohio.
Mountjoy & French, architects, Ch. of Com. Bldg., Denver, Colo.
Mountstephen, Edw. J., architect, U. B. Bldg., Dayton, Ohio.
Mountville Brick Co., Mountville, Pa.
Mountville Mfg. Co., agricultural implements, Mountville, Pa.
Mourot, Julien, architect, 812 15th, Modesto, Cal.
Mousam Counter Co., 121 Beach, Boston, Mass.
Mousley, Arthur J., buttons, 673 S. 16th, Newark, N. J.
Mousley's, Chas., Sons, machsts. & fndrs., 457 N. 12th, Philadelphia, Pa.
Moussette, O. J., Co., water cinder mills, 22 Clay, Brooklyn, N. Y.
Moustgaard, M., masons' & bldrs.' matls., 2016 N. Kostner av, Chicago, Ill.
Mouton Lumber Co., Lafayette, La.
Moving Picture World, trade publication, 516 5th av, New York.
Movius, Hallam L., landscape archs., 89 State, Boston, Mass.
Movius & Rotch, landscape architects, 89 State, Boston, Mass.
Mowat Lumber Co., Edmonds, Wash.
Mowbray & Robinson Co., lbr., 8th & Horn, Cincinnati, Ohio.
Mowbray & Uffinger, architects, 56 Liberty, New York.
Mowday, David Y. (Est. of), furniture, Norristown, Pa.
Mowell, Augustus, & Co., relief valves, Paterson, N. J.
Mower, Chas. D., architect, Lafayette Bldg., Philadelphia, Pa.
Mower, Earl A., shoe counters, Lynn, Mass.
Mowers, H. H., & Co., brick, Grover Hill, Ohio.
Mowery, W. R., architect, Great Falls, Mont.
Mowll, W. L., architect, Unity Bldg., Boston, & 40 Avon Hill, Cambridge, Mass.
Mowry Car Wheel Wks. Co., brake shoes, Cincinnati, Ohio.
Mowry, David C., & Son, tents, wagon covers, etc., Geneva, Neb.
Mowry, Jacob, contractor, Royersford, Pa.
Moxley, J. E., Jr., architect, 1709 Edmonston av, Balto., Md.
Moxomite Insulating Co., magnet wire, Watervliet, N. Y.
Moyer, A. F., architect, Louis blk., Dayton, Ohio.
Moyer, Albert W., annealing furnaces, Singer Bldg., New York.
Moyer, Chas. L., & Co., machsts., 75 W. Van Buren, Chicago, Ill.
Moyer, Chas., & Son, contractors, Niagara Falls, N. Y.
Moyer & Co., brick, Reading, Pa.
Moyer Engng. & Constr. Co., 375 Fulton, Brooklyn, N. Y.
Moyer, Gabriel, steam fitters' supplies, Mount Joy, Pa.
Moyer, H. A., automobile bldrs., Syracuse, N. Y.
Moyer, Jerome, contractor, Sedalia, Mo.
Moyer Mfg. Co., feed & litter carriers, Montevideo, Minn.
Moyer & Pratt, paper & pulp mills, Lyonsdale, N. Y.
Moyer-Shaw Mfg. Co., metal novelties & spec., Detroit, Mich.
Moyer & Son, masons' & bldrs.' matls., Souderton, Pa.
Moyer, Tilghman H., architect & contr., 824 Hamilton, Allentown, Pa.
Moyle, E. H., Engineering & Equipment Co., grinding & crushing mills, Los Angeles, Cal.
Moyles, Peter, contractor, Wilkes-Barre, Pa.
Moyles, Wm., contractor, Wilkes-Barre, Pa.
Moynahan & Duchene, archl. iron, 122 State, Detroit, Mich.
Moynes, Jas. A., & Co., contrs., 231 Milwaukee av, Detroit, Mich.
Moynihan, C. S., steam htg. contrs., 2602 N. Spring av, St. Louis, Mo.
Moynihan, T. J., & Co., boilers, 401 Folsom, San Fran,, Cal.
Mozar & Co., jewelry cases, 38 Maiden la, New York.
Mozart Talking Mach. Co., 1432 N. 20th, St. Louis, Mo.
Mozier, H. P., architect, 334 S. Dearborn, Chicago, Ill.
M. P. L. Packing & Supply Co., steam packing, 120 Liberty, New York.
M. S. W. Mfg. Co., machsts., 1527 Niagara, Buffalo, N. Y.
Muscatine Lumber & Coal Co., Muscatine, Ia.
Muchison, Kenneth M., architect, 101 Park av, New York.
Muchmore, Geo. V., masons' & bldrs.' matls., Summit, N. J.
Mucilli & Miller, contrs., Easton, Pa.
Muckenfuss Mfg. Co., corn brooms, Spartanburg, S. C.
Muckenhirm, C. H., Closet Co., w. c. combinations, Detroit, Mich.
Mucklow, Evan S., architect, 908 Chestnut, Philadelphia, Pa.
Muddox, H. C., sewer pipe, Sacramento, Cal.
Mudford, Wm., cornices, Lansing, Mich.
Mudge & Co., inspection cars, etc., 80 E. Jackson blvd, Chicago, Ill.
Mudge, Edmund W., & Co., pig iron, coke, Frick Bldg., Pittsburgh, Pa.
Mudrak, Rudolph, architect, 314 18th, Galveston, Tex.
Muehlman, Harry G., archt., 505 Wash. Arcade, Detroit, Mich.
Muehlmatt, Adolph, ball vises, 17 Lion Bldg., Cincinnati, Ohio.
Muehlstein, H., & Co., scrap rubber, 114 W. Van Buren, Chicago, Ill.
Muelbe, L. F., glass stainers, 2724 Av F, Brooklyn, N. Y.
Mueller, A. H., Htg. Co., Mass. Bldg., Kansas City, Mo.
Mueller & Brockmeyer, archts., Arcade Bldg., East St. Louis, Ill.
Mueller Bros. Art & Mfg Co., mats, 2641 Polk, Chicago, Ill.
Mueller, Chas. R., & Sons, machsts., 75 Shelby, Detroit, Mich.
Mueller Co., heating contrs., 168 Reed, Milwaukee, Wis.
Mueller Construction Co., 179 W. Washington, Chicago, Ill.
Mueller, Edward, overhead vehicle washers, New Durham, N. J.
Mueller, Erick, machst., Princeton, Wis.
Mueller, F. C., & Co., shooting galleries, 1702 N. Western av, Chicago, Ill.
Mueller, Frank C., & Co., contractors, 3933 Chouteau av, St. Louis, Mo.
Mueller, Fred'k G., architect, Hamilton, Ohio.
Mueller, Gustave A., brewery archt., Breitmeyer Bldg., Detroit, Mich.
Mueller, H. G., Lbr. & Mfg. Co., sash, door & blind mfrs., Sheboygan, Wis.
Mueller, H. H., meat, Jackson, Mo.
Mueller, H., Mfg. Co., water plumbing & gas brass goods, Decatur, Ill.
Mueller, H. P., fndr. 219 Lombard, St. Louis, Mo.
Mueller, H. W., stone producer, Columbus, Ohio.
Mueller, Henry, contractor, Dubuque, Ia.
Mueller, Henry B., architect, Saginaw, Mich.
Mueller, John, Co., contractors, 302 E. 87th, New York.
Mueller, John, Co., masons' & bldrs.' matls., Hartwell, Ohio.
Mueller, L. J., Furnace Co., furnaces, 197 Reed, Milwaukee, Wis.
Mueller Lumber Co., Davenport, Ia.
Mueller, M., door openers, 18 Devonshire, Boston, Mass.
Mueller Mach. Co., Trenton, N. J.
Mueller Machine Tool Co., 2427 Colerain, Cincinnati, Ohio.
Mueller Metals Co., brass forgings & rolling mills, smelters & refiners, Port Huron, Mich.
Mueller Mosaic Co., art, encaustic & ceramic tiles, Trenton, N. J.
Mueller, P. L., landscape archt., 4845 Bryant, S. Minneapolis, Minn.
Mueller, R. S., clips, connectors, etc., High av, S. E., Cleveland, Ohio.
Mueller, Rudolph, patterns & models, Milwaukee, Wis.
Mueller & Son Co., packing box mfrs., 361 Canal, Milwaukee, Wis.
Mueller, V., & Co., instruments, 1779 Ogden av, Chicago, Ill.
Mueller, Vincent G., architect, 506 N. Vandeventer av, St. Louis, Mo.
Mueller & Werking, architects, 17½ N. 9th, Richmond, Ind.
Mueller, Wm., & Co., insulator films, 332 S. Michigan, Chicago, Ill.
Muench, Geo., bronze powder machines, Stamford, Conn.
Muenzenmaier & Smith, brick, Dallas City, Ill.
Muenzenmayer, J. J., & W. F., mill & facty. supplies, Junction City, Kans.
Muerdter, Emil, advtg. nov., 1428 Hunting Park av, Phila., Pa.
Muff, G. & Co., contrs., Steelton, Pa.
Mufson, M., contractor, 115 Norfolk, New York.
Mugge, A. B., architect, Tampa, Fla.
Mugler's Iron Wks., stair & gates bldrs., 841 E. 136th, New York.
Muhl, F. C., & Son, cornices & skylights, Bloomington, Ill.
Muhlenberg Bros., architects, 513 Penn, Reading, Pa.
Muhlenberg, Frederick A., archt., Colonial Trust Co. Bldg., Reading, Pa.
Muhletthaler, Th., Co., oils, 80 John, New York.
Muhs, Hy., Co., meat packers, Paterson, N. J.
Muhs Mfg. Co., jewelry cases, 148 Manilla, San Francisco, Cal.
Muir, Jas. A., boards—binders, leather, etc., Morristown, N. J.
Muir, John, masons' & bldrs.' matls. Manchester, N. H.
Muir-O'Sullivan Dredge & Dock Co., Port Huron, Mich.
Muir & Symon, machsts., 1015 Battery, San Francisco, Cal.
Muir, Thos., North Coast Contract Co., Portland, Ore.
Muirhead, Jno., & Son, miners' spades, tools, etc., Pittston, Pa.
Muirhead, Robt., stone, 76 Montgomery, Jersey City, N. J.
Mukilteo Shingle Co., lumber, Everett, Wash.
Mukle Bros. Mfg. Co., pulp & cardboard, Clearwater, Minn.
Mulberry Fdry. & Machy. Co., Mulberry, Fla.
Mulberry Roofing Co., cornices & skylights, 46 Greenwich, New York.
Mulby Bros., brick, Linden Heights, Ohio.
Mulcahy Bros., contractors, 180 Jessie, San Francisco, Cal.
Mulconroy Co., rubber goods, 54th & Jefferson, Phila., Pa.
Mulford Coal & Lumber Co., masons' & bldrs.' matls., Elizabeth, N. J.
Mulford, H. K., Co., granulating, tablet, capsule machines, 428 S. 13th, Philadelphia, Pa.
Mulgrew, F. A., & Sons, lbr. mfrs. & whol. dlrs., ft. E. 8th, New York.
Mulhaupt, F. Joseph, emblems & badges, Lafayette, Ind.
Mulhens & Kropff, soap, 25 W. 45th, New York.
Mulherin Belt Knife Co., Peabody, Mass.
Mulhern Steam Htg. Co., steam & hot water htg. contr., 103 Park av, New York.
Mulholland Co., machsts., Dunkirk, N. Y.
Mulholland Hatch Fastener Co., Cleveland, Ohio.
Mulholland, Wm., boiler cleaners, brushes & brooms, 79 White, New York.
Mulinari, P., burning brands, stencils, etc., 118 Light, Baltimore, Md.
Mullay, Thos. H., architect, 53 W. Jackson, Chicago, Ill.
Mullen-Blackledge-Nellis Co., canned goods, Brazil, Ind.
Mullen Bros. Paper Co., St. Joseph, Mich.
Mullen, J. L., Constr. Co., Wabash Bldg., Pittsburgh, Pa.
Mullen, Jas. A., contractor, 5512 Vine, Philadelphia, Pa.
Mullen, John, & Son, machsts. & fndrs., Shamokin, Pa.
Mullen Replaceable Vault Light Co., Hartje Bldg., Pittsburgh, Pa.

Mullen, W. B., masons' & bldrs.' matls., 166 Devonshire, Boston, Mass.
Mullen, Wesley, architect, Maple Glen, Pa.
Muller, A. F., & Co., whol. hdwe., 258 Springfield av, Newark, N. J.
Muller, Bernhardt E., architect, 477 5th av, New York.
Muller Bros., canned goods, Oakland, Cal.
Muller, Chas. H. A., architect, 322 15th, West New York, N. J.
Muller & Co., contractors, Hoboken, N. J.
Muller, E. A., & Bro., cornices & skylights, 687 4th av, Brooklyn, N. Y.
Muller, E. B., & Co., chicory, Port Huron, Mich.
Muller, Franklyn R., & Co., sanitary flooring, Waukegan, Ill.
Muller, Fred, machsts., 214 Lackawanna av, Newark, N. J.
Muller, Geo. W., Bank Fixture Co., Atlanta, Ga.
Muller, Gloria, Mills, umbrella cloth, Norwalk, Conn.
Muller, Harry, cornices, Woodbury, N. J.
Muller, J. A., lithographic & print'g inks, 254 Pearl, New York.
Muller, Julius, sweaters, cardigans, etc., 13 Bleecker, Brooklyn, N. Y.
Muller, Max, architect, 115 Nassau, New York.
Muller, Oscar, Co., calculating machs., 32 B'way, New York.
Muller, R., & Co., cornices & skylights, 358 E. 151st, New York.
Mullett, A. B., & Co., archts., Union Trust Bldg., Wash., D. C.
Mullett Bros., common brick, Nappanee, Ind.
Mullgardt, Louis C., architect, Chronicle Bldg., San Fran., Cal.
Mullica, W. F., machinist, Ortonville, Minn.
Mulligan-Bilgman Co., soap, 670 W. Randolph, Chicago, Ill.
Mulliken, Harry B., architect, Park av. & 41st, New York.
Mullin, Charles Whitely, architect, 507 5th av, New York.
Mullin, D. W., & Co., slasher cylinders, Lowell, Mass.
Mullin, Dan., machst. & fndr., 520 W. 22d, New York.
Mullin, Jos., masons' & bldrs.' matls, Lowell, Mass.
Mullin & Wendt, piano cases, New Brunswick, N. J.
Mulliner Box & Planing Co., hard wood doors, Quincy, Ill.
Mullins Mfg. Co., cattle stanchions, feed mangers, milking machines, Brillion, Wis.
Mullins, W. H., Co., motor bt., launch & yacht bldrs., etc., 341 Franklin, Salem, Ohio.
Mullon Bros., architect'l & ornamental iron, 1 Devoe, Brooklyn, N. Y.
Mulrein, J. H., Plumbing Supply Co., Phoenix, Ariz.
Mulstein, Jno., Co., machsts. & fndrs., 211 3d av, B'klyn, N. Y.
Multi-Color Copying Co., blue prints, 125 Woodward av, Detroit, Mich.
Multi Electrical Mfg. Co., fuse cutout, pin clips, wire lugs, wire bushings, conduit fittings, weather proof boxes, electric soldering irons, 703 Fulton, Chicago, Ill.
Multi-Lux Illuminating Co., reflectors (show case), 6712 Union av, Cleveland, Ohio.
Multi-Metal Co., wire cloth & products, 251 W. 19th, New York.
Multi Phonograph Co., talking machines, Winona, Minn.
Multiple Storage Battery Co., 427 W. 50th, New York.
Multiplex Concrete Machinery Co., cement block machs., Elmore, Ohio.
Multiplex Display Fixture Co., 918 N. 10th, St. Louis, Mo.
Multiplex Faucet Co., molasses gates, St. Louis, Mo.
Multipost Co., postage stamp affixing machs., Rochester, N. Y.
Multi-Refillable Fuse Co., 703 Fulton, Chicago, Ill.
Multi Signal Co., 210 B'way, Boston, Mass.
Multnomah Iron Wks., steam feeds, 30th & Nicolai, Portland, Ore.
Multnomah Lumber & Box Co., Portland, Ore.
Multnomah Metal Wks., bearing metal, 312 Front, Portland, Ore.
Multnomah Trunk & Bag Co., Portland, Ore.
Mulvanity, T. (Est. of), granite, Nashua, N. H.
Mulvey, Chas., Mfg. Co., concrete hangers & tie rods, 1840 Carroll av, Chicago, Ill.
Mulville Bros., contrs., Alton, Ill.
Mumaw David G., brick, Stone Creek, Ohio.
Mumby Lumber & Shingle Co., Bordeaux, Wash.
Mumdorf Chain Wks., log chain, York, Pa.
Mumford, E. H., Co., fndry molding, & squeezing machines, rammers, etc., Elizabeth, N. J.
Mumford Molding Machine Co., 1765 Elston av, Chicago, Ill.
Mumford Packing Co., Showell, Md.
Munm, Fred J., Contracting Co., contrs., 174 Best, Buffalo, N. Y.
Mummert, Dixon Co., grinders, machy., etc., Hanover, Pa.
Mummert, Jonas S., machst. & fndr., Aurelia, Ia.
Mummert, W. C., & Co., veneer, Wawaka, Ind.
Muncie Boiler & Sheet Iron Wks., Muncie, Ind.
Muncie Bldrs. Supply Co., masons' & bldrs.' matls., Muncie, Ind.
Muncie Casket Co., Muncie, Ind.
Muncie Fndry. & Mach. Co., Muncie, Ind.
Muncie Gear Wks., for automobiles, Muncie, Ind.
Muncie Lumber Co., Muncie, Ind.
Muncie Mould Wks., Muncie, Ind.
Muncie Oil Engine Co., Muncie, Ind.
Muncie Ornamental Iron Wks., Muncie, Ind.
Muncie Wheel Co., for carriages & wagons, Muncie, Ind.
Muncy, Thos. F., & Son, ship bldrs., Bay Shore, N. Y.
Muncy Woolen Mills Co., woolen blankets, Muncy, Pa.
Munday, J. A., & Son, cornices & skylights, Knoxville, Tenn.
Munday Mill & Elevator Co., flour, Munday, Tex.
Munden, R. A., architect, Petersburg, Va.
Mundet, L., & Sons, life preservers & cork mfrs., Ferris, Brooklyn, N. Y.
Mundie, Alex., granite, Quincy, Mass.
Mundie & Jensen, architects, 30 S. La Salle, Chicago, Ill.
Mundorf Chain Wks., York, Pa.
Mundt, Chas., & Sons, perforated metals, 53 Fairmount av, Jersey City, N. J.
Mundt, H. C., contractor, Oil City, Pa.
Mundy, H. H., architect, Miami, Fla.
Mundy, J. S., Hoisting Engine Co., 722 Frelinghuysen av, Newark, N. J. *See adv index at end of book.*
Munger, A. F., contractor, Corry, Pa.
Munger & Bennett, lbr., Camden, N. J.
Munger & Munger, cornices & skylights, Pasadena, Cal.
Munger Oil & Cotton Co., meal, Mexia, Tex.
Munger, Walter R., Co., architects Lyric Theatre Bldg., Cincinnati, Ohio.
Mungo, A., contractor, 391 E. 149th, New York.
Munnall, R. J., Lumber Co., Sidney & Brady, Pittsburgh, Pa.
Munich Art Glass Co., 667 Mission, San Francisco, Cal.
Munich Studio, glass stainers, 300 W. South Water, Chicago, Ill.
Municipal Engineering, trade publication, 538 S. Clark, Chicago, Ill.
Municipal Engineering & Construction Co., Oklahoma, Okla.
Municipal Engng. & Constr. Co., Atlanta, Ga.
Municipal Engineering & Contracting Co., Railway Exchange, Chicago, Ill.
Municipal Journal & Engin'r, trade publication, 239 W. 39th, New York.
Municipal Lighting Co., lighting fixtures, 130 E. 15th, New York.
Munising Co., lumber, Munising, Mich.
Munising Fdy. Co., Munising, Mich.
Munising Paper Co., Munising, Mich.
Munkenbeck Bros., steam fitters' supp., 88 Hamilton av, Brooklyn, N. Y.
Munkwitz, Edw. H., Co., machsts., 159 Muskego, Milwaukee, Wis.
Munn & Co., trade publications, 699 Woolworth Bldg., New York. *See adv index at end of book.*
Munn, G. J., architect, Pittsburgh, Kans.
Munn Piano Co., Walton, N. Y.
Munn Sign & Advg. Co., Atlanta, Ga.
Munn, Thos. C., Co., motor boats & rafts, Wilmington, Del.
Munning-Loeb Co., brass fndrs., Matawan, N. J.
Munns, E. A., Kalsomine Co., waterproo'g matls., 217 Fulton, Brooklyn, N. Y.
Munnsville Plow Co., screw jacks, Munnsville, N. Y.
Munro, Daniel, machsts. & fndrs., 433 S. Jefferson, Chicago, Ill.
Munro, Robt. A., & Co., bone-meal, oils, etc., 25 Pine, New York.
Munroe Edw. K., contractor, 212 Clay, Baltimore, Md.
Munroe Falls Paper Co., Massillon, Ohio.
Munroe Felt & Paper Co., 79 Summer, Boston, Mass.
Munroe Plumbing Co., cornices & skylights, Taunton, Mass.
Munroe, R. & Sons Mfg. Corp., boilers & steel tanks, 23d & Smallman, Pittsburgh, Pa.
Munroe, Wm. Co., sash, door & blind, 994 Scotten av, Detroit Mich.
Munsell, Engene, & Co., mica mfrs., 68 Church, New York.
Munsell, Wm. A. O., archt., Stimson Bldg., Los Angeles, Cal.
Munsey Shank & Counter Co., Lynn, Mass.
Munsing Woodenware Co., paper roll plugs, Munsing, Mich.
Munson Bros., canned goods, Phoenix, Ariz.
Munson Bros., cornices, Connellsville, Pa.
Munson Bros. Co., common brick, Capron, Ill.
Munson Co., machsts., Grand Rapids, Mich.
Munson, E. G., grey iron castings & patterns, Utica, N. Y.
Munson Heater Co. (Ltd.), founders, Connellsville, Pa.
Munson & Johnson, wood mantels, Jamestown, N. Y.
Munson Mill Machinery Co., Utica, N. Y.
Munson, P. O., contractor, Galesburg, Ill.
Munson-Whitaker Co., architects, 470 4th av, New York.
Munt, H. F., flour mills, Petersburg, Va.
Muralo Co., kalsomine & paint mfrs., wall finish, etc., Richmond Ter., New Brighton, N. Y.
Murbach Coal Co., masons' & bldrs.' matls., Elyria, Ohio.
Murcell, Wm., contractors, Sacramento, Cal.
Murch Bros. Constr. Co., Railway Exch. Bldg., St. Louis, Mo.
Murch, E. B., granite prod., Hardwick, Vt.
Murchey Mach. & Tool Co., die grinding & pipe cutting machy., 85 Porter, Detroit, Mich.
Murchie, Chas. F., lumber, Calais, Me.
Murchie, Horace B., & Co., lbr. mfrs. & whol. dlrs., 58 Pine, New York.
Murchison, D. T., flour mills, Atwood, Tenn.
Murchison, J. W., & Co., whol. hdwe., Wilmington, N. C.
Murchison, Jno. R., steam & hot water htg. contr., 1101 Flatbush av, Brooklyn, N. Y.
Murcott & Campbell, file & rasp mfrs., 296 Union av, Brooklyn, N. Y.
Murcott-Duden Co., Inc., screw mach. products, 253 B'way, New York.
Murdock, Chas. W., contractor, New Haven, Conn.
Murdock-Dunwiddle Co., cornices, Beloit, Wis.
Murdock, E., & Co., wood pails, Winchendon, Mass.
Murdock, Francis W., machsts., Norway, Me.
Murdock & Geb Co., bobbin holders, Franklin, Mass.
Murdock, Geo., contractor, 2521 Melrose av, Cincinnati, Ohio.
Murdock, H. & Co., bearing metal, Sailor Bldg., Pittsburgh, Pa.
Murdock, Hamilton, architect, 425 Kearney, San Francisco, Cal.

Murdock, Harvey, contractor, 10 Wall, New York.
Murdock, J. M., & Bro., lumber, Johnstown, Pa.
Murdock Liquid Food Co., 78 Tyler, Boston, Mass.
Murdock Lumber Co., Washington, Ind.
Murdock Mfg. & Supply Co., plumbers' supplies—jobbers, 426 Plum, Cincinnati, Ohio.
Murdock, Reed, Co., hub caps, 127 Federal, Boston, Mass.
Murdock, W. J., Co., push buttons, telephone receivers & wireless telegraph instruments, Chelsea, Mass.
Murdock, W. James, Co., rubber & steel stamps, etc., 116 Opera pl., Cincinnati, Ohio.
Murdock, W. S., architect, 220 21st, Galveston, Tex.
Murdough, A. B., contractor, Watertown, Mass.
Murell Lthr. Goods Co., traveling bags, 27 Sudbury, Boston, Mass.
Murfitt, J. H., contractor, 1310 5th, E. Salt Lake City, Utah.
Murfreesboro Mfg. Co., pencil timber, Murfreesboro, Tenn.
Murgatroyd, Everett F., architect, 2761 Morris av, New York.
Murillo Paint Co., brick & concrete paint, Binghamton, N. Y.
Murkland, Jno. W., Co., agricultural implements, Barton, Vt.
Murless, H. B., machsts. & fndrs., Rockville, Conn.
Murphey-Hardy Lbr. Co., 150 Passaic, Newark, N. J.
Murphy, A. F., Die & Mach. Co., cream separators, 364 Atlantic av, Boston, Mass.
Murphy, Andrew, & Son, carriages, Omaha, Neb.
Murphy Boiler Co., 3263 W. 73rd, Cleveland, Ohio, & 153 Barclay, Milwaukee, Wis.
Murphy Bros., contractors, 30 E. 42d, New York.
Murphy Bros., cornices, Erie, Pa.
Murphy Bros., heating contrs., Galesburg, Ill.
Murphy Bros. Co., contrs., Bowling Green, Ky.
Murphy, C. E., & Sons, contractors, 516 Federal, Pittsburgh, Pa.
Murphy, C., & Sons, canned goods, Rocks, Md.
Murphy Chair Co., Russell & L. S. R. R., Detroit, Mich.
Murphy, Chas. J., & Co., paint mfrs., 332 N. Calvert, Balto., Md.
Murphy, Christopher, & Co., cutters, 122 S. Michigan av, Chicago, Ill.
Murphy Construction Co., East St. Louis, Ill., Manitowoc, Wis., & 50 Church, New York.
Murphy, Cornelius. & Son, contrs., Dorchester, Boston, Mass.
Murphy, D. B., & Co., lumber, London, Ky.
Murphy, D., & F., stone prod., Joliet, Ill.
Murphy, D. X., & Bro., architects, Louisville Tr. Bldg., Louisville, Ky.
Murphy, David, contractor, Syracuse, N. Y.
Murphy & Diggins, lumber, Cadillac, Mich.
Murphy, E., & Co., cornices, 3724 Cass, St. Louis, Mo.
Murphy, E., & F., contractors, Oakville, Conn.
Murphy Electricity Rectifier Co. Rochester, N. Y.
Murphy Fndry. Co., Beaver Falls, Pa.
Murphy Fdry. & Mfg. Co., Asbury Park, N. J.
Murphy, G. W. J., Co., carriages, fasteners, &c., brass & composition fndrs., Amesbury, Mass.
Murphy, Geo., Inc., lenses, 57 E. 9th, New York.
Murphy, Geo. E., architect, Candler Bldg., Atlanta, Ga.
Murphy, Geo. M., cornices & skylights, 43 New Chambers, New York.
Murphy, Harry F., & Co., steam htg. contrs., 1615 Sansom, Philadelphia, Pa.
Murphy, Hindle & Wright, architects, 146 Westminster, Providence, R. I.
Murphy, Hugh, contractor, Karback blk, Omaha, Neb.
Murphy Iron Wks., machsts. & fndrs., Detroit, Mich.
Murphy, J. A., lbr., Atkinson, N. C.
Murphy, J. C., archt., Louisville Trade bldg., Louisville, Ky.
Murphy, J. H., stone, Burgoon, Ohio.
Murphy, J. T., cornices, Havre De Grace, Md.
Murphy, John, masons' & bldrs.' matls., Holley, N. Y.
Murphy, John A., Co., papetric paper, Springfield, Mass.
Murphy, Jno. H., machsts. & mill & facty. supplies, 643 Magazine, New Orleans, La.
Murphy, Jos., & Son, contractor, West Hoboken, N. J.
Murphy & Kenny, lbr., Converse, Ind.
Murphy, Leavens & Co., mill & facty. supplies, 168 Commercial, Boston, Mass.
Murphy, Lewis A., contractor, Pawtucket, R. I.
Murphy-MacClay Hardware Co., Great Falls, Mont.
Murphy Mfg. Co., machsts., Kansas City, Mo.
Murphy Metal Co., bearing metals, 327 S. La Salle, Chicago, Ill.
Murphy & O'Brien, coppersmiths, 5512 Detroit, Cleveland, Ohio.
Murphy & Olmstead, architects, 1413 H, N. W., Washington, D. C.
Murphy, P. C., Trunk Co., 13th & Papin, St. Louis, Mo.
Murphy, P. H., Co., galvanizing wks., East St. Louis, Ill.
Murphy, P. J., contrs., Moberly, Mo.
Murphy Sam'l M., contractor, Monongahela Nat. Bk. Bldg., Pittsburgh, Pa.
Murphy Specialty Co., brass fndrs., 90 2d, Milwaukee, Wis.
Murphy Supply Co., mill, facty & plumbers' supplies, Green Bay, Wis.
Murphy, T. J., architect'l & ornamental iron, 619 Greenwich, New York.
Murphy, Thos. D., & Co., advtg. spec., Red Oak, Ia.
Murphy, Timothy, Iron Works, Jacksonville, Fla.
Murphy Varnish Co., Chestnut & McWhorter, Newark, N. J.
Murphy, W. J., contractor, Tacoma, Wash.
Murphy, W. J., harness mfr., Fort Smith, Ark.
Murphy & Walsh, air receivers, tanks, etc., Pekin, Ill.
Murphy, Wm. J., brass fndrs., 279 10th, Jersey City, N. J.
Murphy, Wm. M., & Son, contrs., Endicott Bldg., St. Paul, Minn.
Murphy's, C. P., Sons, contractors, Atlanta, Ga.
Murphy's, Robert, Sons Co., knives, Ayer, Mass.
Murphysboro Paving Brick Co., Murphysboro, Ill.
Murrah, T. A., cornices & skylights, Union, S. C.
Murray, Alex., & Co., granite, Westerly, R. I.
Murray Brick Co., 10553 Euclid av, Cleveland, O.
Murray-Brooks Hardware Co., Ltd., Lake Charles, La.
Murray Bros. Machine Works, 233 Folsom, San Francisco, Cal.
Murray, C. F., & Son, stone producers, Blairsville, Pa.
Murray City Coal Co., masons' & bldrs.' matls., W. Fifth av, & H. V. Ry., Columbus, Ohio.
Murray, Clifford E., archit., 20 Clinton, Newark, N. J.
Murray Co., agricultural implements, Dallas, Tex.
Murray & Co., tens, 625 Fulton, Chicago, Ill.
Murray, D. J., Mfg. Co., mill & facty supplies, trimmers & lath binders, etc., Wausau, Wis.
Murray, E. T., & Co., cornices & skylights, Nashville, Tenn.
Murray, G. M., Sons Canning Co., Odenton, Md.
Murray, H. J., mill & facty. supplies, 85 Warren, New York.
Murray, Hy., Co., stone producers, 21 Arlington, Boston, Mass.
Murray & Hill Co., interior finish mfrs., 1138 St. Nicholas av, New York.
Murray & Hill Co., interior finish mfrs., 1138 St. Nicholas av, New York.
Murray Hill Iron Wks. Co., 101 W. 25th, New York.
Murray Iron Works Co., Burlington, Ia.
Murray, James, architect, 101 Tremont, Boston, Mass.
Murray, James A., mill & facty, equipt., Fall River, Mass.
Murray, Jas. T., masons' & bldrs.' matls., Troy, N. Y.
Murray, Jas. T., & Sons, steam htg. contrs., 62 Market, Hartford, Conn.
Murray Japanning Co., patent leather, Woburn, Mass.
Murray, Jno. A., mchsts. & fndrs., 112 Front, Bklyn, N. Y.
Murray, Jno. A. & Co., mill, facty & plumbers' supplies, 310 W. 39th, New York.
Murray, Jos., & Co., stone producers, wkrs. & sand, etc., dlrs., 263 av C, New York.
Murray, L. A., & Co., school furniture, Kilbourn, Wis.
Murray, L. W., architect, 120 E. 14th, Portland, Ore.
Murray & Lamb, contractors, 13 Hayden, Providence, R. I.
Murray Machy Co., Kansas City, Mo.
Murray Mfg. Co., shipping tags, Newnan, Ga.
Murray & Marrina, brass & composition fndrs., Saginaw, Mich.
Murray Martin & Co., contractors, Troy, N. Y.
Murray Motor Car Co., 3724 Grant blvd., Pittsburgh, Pa.
Murray & Murray, lubrg. oils, 219 Quarry, Phila., Pa.
Murray Oxygen Co., 449 E. 53d, New York.
Murray, P. A., & Co., Newton, Mass.
Murray & Patterson, canned goods, Hollins, Va.
Murray, Ralph, architect, Ironton, O.
Murray, Richard, Brick Co., Berlin, Conn.
Murray, Robt., who. h'dwe., 85 Warren, New York.
Murray Roofing Tile Co., Cloverport, Ky.
Murray & Sorensen, flushing valves, 227 W. 17th, New York.
Murray Specialty Mfg. Co., blow-off valves, 97 Woodbridge, Detroit, Mich.
Murray Stone Co., grindstones, Williamson Bldg., Cleveland, Ohio.
Murray, Thos., masons' & bldrs.' matls., Warren, O.
Murray, Thomas N., architect, Monadnock bldg., San Francisco, Cal.
Murray & Tregurtha Co., aeroplanes, boilers, marine engines, motor boats, etc., 340 W. 1st, S. Boston, Mass.
Murray, W. B., gas engines, N. Winchester & Wabansia avs, Chicago, Ill.
Murray, W. D. & Co., contractors, Bennings rd, Washington, D. C.
Murray, W. D., & Co., contractors & dock bldrs., Norfolk, Va.
Murray, Wilber H., Mfg. Co., carriages, 5th & Eggleston av, Cincinnati, O.
Murray, Williams, & Co., flour, Maiden, N. C.
Murray Wire Co., 355 Cortlandt, Newark, N. J.
Murrell Mfg. Co., signs, metal, Long Island City, N. Y.
Murrill & Keizer, machsts., 206 N. Holliday, Baltimore, Md.
Murry Construction Co., Sikeston, Mo.
Murry, Frank E., Contr'g Co., Portchester, N. Y.
Murta-Appleton & Co., mill & facty. supplies, 12th & Samsome, Philadelphia, Pa.
Murtagh, Chas. E., masons' & bldrs.' matls., ft. Rivington, New York.
Murtagh, P. J., contractors, Malone, N. Y.
Murtaugh Elev. Co., dumb waiters, 535 W. 33d, New York.
Murtfeldt, W. A., Co., contractors, 161 Devonshire, Boston, Mass.
Murtha & Schmoll Co., masons' & bldrs.' matls., 814 E. 14th, New York.
Murtland, Christopher G., contractor, Atlantic City, N. J.
Muscogee Mfg. Co., tickings, Columbus, Ga.
Musconetong Iron Wks., Netcong, N. J.
Muscovite Mica Co. of Alabama, raw & manufac'd mica, Tupelo, Miss.
Muse, A. W., & Co., fertilizer, Albany, Ga.
Musgrave Leather Co., hame strings, 414 N. Front, Baltimore, Md.

Musgrove, N. C., flour mills, Grafton, W. Va.
Muskegon Aluminum Fdry. Co., Muskegon, Mich.
Muskegon Boiler Works, structural specialties, Muskegon, Mich.
Muskegon Engine Co., motor trucks, Muskegon, Mich.
Muskegon Extract Co., Muskegon, Mich.
Muskegon Motor Specialties Co., machsts., Muskegon, Mich.
Musket, W. E., Co., drain tile, fire, brick & sand sewer pipe, etc., 502 Mission, San Francisco, Cal.
Muskingum Coffin Co., Zanesville, O.
Muskingum Contr. Co., Zanesville, O.
Muskingum Valley Fertilizer Co., Marrietta, O.
Muskogee Crushed Stone Co., Muskogee, Okla.
Muskogee Hardware Co., Muskogee, Okla.
Muskogee Harness & Buggy Co., Muskogee, Okla.
Muskogee Iron Wks., Muskogee, Okla.
Muskogee Lbr. Co., Muskogee, Okla.
Muskogee Mattress & Mfg. Co., Muskogee, Okla.
Muskogee Pattern Wks., Muskogee, Okla.
Muskogee Refining Co., petroleum & its products, Muskogee, Okla.
Muskogee Vitrified Brick Co., Muskogee, Okla.
Muskopf & Irish Co., landscape architects, Commonwealth Tr. Bldg., St. Louis, Mo.
Musolaphone Corp., telephones & apparatus, 46 W. B'way, New York.
Mussell, A., & Sons, contractors, 1220 Hertel av, Buffalo, N. Y.
Musselman Canning Co., Biglersville, Pa.
Musselman & Schwarz, htg. contrs., Lancaster, Pa.
Musser, D. B., flour mills, Atkins, Va.
Musser, H. M., umbrella handles, Lancaster, Pa.
Musser, W. H., & Son, architects, Abington, Va.
Musser, Wm., Lumber & Mfg. Co., Spokane, Wash.
Mussillon, J. A., & Bro., machsts., Springfield, Ill.
Musson, J. W., soap, Sandusky, Ohio.
Mustard Bros., flour mills, Bland, Va.
Mustee Water Heater Co., 3409 Superior av, N. E., Cleveland, O.
Musterfield Sand & Gravel Co., Richmond, Va.
Musto, Jos., Sons Keenan Co., marble importers, 535 North Point, San Francisco, Cal.
Mutch & Calder Granite Co., Barre, Vt.
Muth, Geo. F., & Co., glass, 418 7th, N. W., Washington, D. C.
Mutschler, A., & H. G., machsts., Rochester, N. Y.
Mutton Hollow Fire Brick Co., Woodbridge, N. J.
Mutty, L. J., Co., artificial leather, rubber cloth, etc., 175 Congress, Boston, Mass.
Mutual Auto Accessories Co., metal polish & windshields, 1777 B'way, New York.
Mutual Beer Pump Co., 809 3d av, New York.
Mutual Box Board Co., Utica, N. Y.
Mutual Chem. Co. of Am., 55 John, New York.
Mutual Constr. Co., 155 N. Clark, Chicago, Ill.
Mutual Elec. & Mach. Co., battery cut-out bases, nuts, switches, etc., 232 Fort, W. Detroit, Mich.
Mutual Elec. & Mach. Co., incandescent cut-outs, Wheeling, W. Va.
Mutual Fertilizer Co., Savannah, Ga.
Mutual Fdy. & Mach. Co., Atlanta, Ga.
Mutual Guano Co., fertilizer mfrs., Ozark, Ala.
Mutual Lamp Mfg. Co., leaded glass shades, 21 E. Houston, New York.
Mutual Machine Co., Hartford, Conn.
Mutual Mfg. Co., carbureters, Rudd, Iowa.
Mutual Mfg. Co., tea wagons, Dayton, Ohio.
Mutual Milling & Supply Co., flour, Harrisonburg, Va.
Mutual Mining Co., Savannah, Ga.
Mutual Motors Co., Jackson, Mich.
Mutual Oil Co., lubrg., Interstate Bldg., Kansas City, Mo.
Mutual Plate & Window Glass Co., 1921 Mission, San Francisco, Cal.
Mutual Refining Co., oils & naphtha, Warren, Pa.
Mutual Supply Co., mill & facty. supplies, 87 Penna av, Newark, N. J.
Mutual Warehouse Co., fertilizer m'frs., Montgomery, Ala.
Mutual Wheel Co., Moline, Ill.
Muzzal, F. E., contractor, Crown Point, Ind.
Muzzy-Lyon Co., Ltd., die cast castings, 161 Larned W., Detroit, Mich.
M. & W. Co., inc. lamps, 30 Taylor, Springfield, Mass.
M. W. Supply Co., rail anchors, Real Estate Trust Bldg., Philadelphia, Pa.
Myall-Wallace Co., case hardening, 17 E. Austin av, Chicago, Ill.
Mycock Mach. Wks., porcelain dies, Trenton, N. J.
Myer, Berlin F., masons' & bldrs.' matls., Towanda, Pa.
Myer-Bridges Co., corn brooms, Louisville, Ky.
Myer, Henry G., contractor, Arlington Heights, Ill.
Myer, O. C., & Co., steel tanks, 30 Franklyn, B'klyn, N. Y.
Myer, T. J., & Co., canned goods, 1235 S. Sharp, Baltimore, Md.
Myers, Angelo, gin distiller, 311 N. 3d, Philadelphia, Pa.
Myers Bros., furnaces, Dover, O.
Myers, C. A., Awl Co., harness awls, 6316 University av, Chicago, Ill.
Myers, C. B., Constr. Co., Atlanta, Ga.
Myers, C. H., machsts. & fndrs., Le Roy, Ill.
Myers Carriage Co., Franklin, Pa.
Myers, Chas. E., contractor, Wolcottville, Ind.
Myers, Christopher, architect, 460 Bloomfield av, Montclair, N. J.
Myers Constr. Co., 3rd Natl. Bk. Bldg., St. Louis, Mo.
Myers, D. J., architect, Central Bldg., Seattle, Wash.
Myers & Davis, flour mills, New Tazewell, Tenn.
Myers, E. H., Mfg. Co., machsts., Myerstown, Pa.
Myers, E. L., contractor, Norfolk, Va.
Myers, E., Lye Co., mfrs., 3d & Clark, St. Louis, Mo.
Myers, Elwood Co., advertising specialties, Springfield, O.
Myers, F. E., & Bro., pumps, agricultural implements, etc., 800 Orange, Ashland, Ohio. *See adv index at end of book.*
Myers, Frederick M., architect, Welles Bldg., Wilkes-Barre, Pa.
Myers, G. A., & Co., mill, facty. & steam fittrs. supplies & whol. hdwe., 63 Washington, Paterson, N. J.
Myers, G. Edward, Co., contrs., Montclair, N. J.
Myers, G. T., & Co., canned goods, Seattle, Wash.
Myers, Geo. W., architect, 210 Bethune av, Detroit, Mich.
Myers Hardware Co., Lexington, Va.
Myers, J. E., masons' & bldrs.' matls., Penns. Station, Pa.
Myers, J. M., architect, Hanover, Pa.
Myers, Jacob, Sons Co., contractors, Witherspoon Bldg., Philadelphia, Pa.
Myers, Jos. F., Jr., & Co., contractors, 1237 Ridge, Phila., Pa.
Myers, L. E., Co., contractors, 53 W. Jackson blvd., Chicago, Ill.
Myers, M. P., & Co., whol. hdwe., Plattsburg, N. Y.
Myers Mach. Co., Sheybogan, Wis.
Myers Mach. Tool Co., engine lathes, Columbia, Pa.
Myers & Mahoney Plumbing Co., Portland, Me.
Myers Mfg. Co., druggists' rubber goods, Fremont, O.
Myers, Nathan, architect, 7 Nelson pl., Newark, N. J., & Woolworth Bldg., New York.
Myers, Nathan, cornices & skylights, Hamliten, Va.
Myers, Otto R., bldg. contr., Oshkosh, Wis.
Myers, R. M., & Co., pads & tablets, Rochester, N. Y.
Myers-Spalti Mfg. Co., mattresses, Houston, Tex.
Myers, Stave, Corp., cooperage stock, Dwale, Va.
Myers-Whaley Co., mining machine shovels, Knoxville, Tenn.
Myers, Wm., contractor, Pittston, Pa.
Myerstown Fdy. & Mfg. Co., Myerstown, Pa.
Myhre, A. E., architect, Winona, Minn.
Myles Salt Co. (Ltd.), 713 Whitney, Central Bldg., New Orleans, La.
Mynderse, W. T. B., architect, Scotia, Schenectady, N. Y.
Myrick, Franklin W., contractors, 108 S. La Salle, Chicago, Ill.
Myrick Mach. Co., Olean, N. Y.
Myrtle Desk Co., High Point, N. C.
Myrtle Lumber Co., Myrtle Creek, Oregon.
Myrtue Bros., contractors, Council Bluffs, Ia.
Mystic Milling Co., flour, Sioux City, Ia.
Mystic Mit Co., Inc., pot cleaners, 240 Main, Orange, N. J.
Mystic Rubber Co., West Medford, Mass.
Mystic Woolen Co., Mystic, Conn.
Myton, W. R., architect, Johnston, Pa.

Naab Mfg. Co., gas, electric & oil, electric blow torches & burners, 5904 Carnegie av, Cleveland, Ohio.
Nachman, S. J., Refinery, dextrine sugar, 314 Lafayette, New York.
Nachtigall, J. M., architect, Paxton blk, Omaha, Neb.
Nack Carriage & Wagon Wks., Mobile, Ala.
Nacke, A., & Son, machsts. & fndrs., 236 S. 9th, Phila., Pa.
Nacogdoches Oil Mill, fertz. mfrs., Nacogdoches, Tex.
Nadeau Bros., lumber, Nadeau, Mich.
Nadel, Moses J., archit., 15 Clinton, N. J.
Nadelman, Lesser, jewelry cases, 166 W. 28th, New York.
Nadig, C. H., Mfg. Co., machsts. & fndrs., Allentown, Pa.
Nadig, L. F., machst., Quakertown, Pa.
Nadler, Henry machinist, Plaquemine, La.
Naff & Flora, canned goods, Boone Mill, Va.
Nagel-Chase Mfg. Co., connectors, 154 E. Erie, Chicago, Ill.
Nagel, Frank J., archl. iron, 1011 1st, S. E., Washington, D. C.
Nagel, Herman, steam & hot water htg. contr., 450 Bergen, Brooklyn, N. Y.
Nagel, Samuel, contractor, Geneva, N. Y.
Nagel, W. G., Electric Co., Toledo, Ohio.
Nageldinger, J., & Son, air pressure regulators, 407 E. 91st, New York.
Nagele, Anton, stone producer, 2168 Western av, Cincinnati, O.
Nagely, John, hangers, Toledo, Ohio.
Nager Press Sign Co., 421-5 S. Main, St. Louis, Mo.
Nagle Corliss Engine Works, Erie, Pa.
Nagle Engine & Boiler Works, Erie, Pa.
Nagle, Geo. W., stone, Pottstown, Pa.
Nagle, Jacob A., contractor, Allentown, Pa.
Nagle, Jno. C., auto. truck trailers, 431 Baker, Detroit, Mich.
Nagle, Louis A., & Co., masons' & bldrs.' matls., Ogontz, Pa.
Nagle Packing Co., meat, 27 Ward, Jersey City, N. J.
Nagle Steel Co., plates, Pottstown, Pa.
Nagley Mfg. Co., agricultural implements, Lyons, N. Y.
Nahcotta Canning Co., So. Bend, Wash.
Nailon Bros. Co., mill & facty., plumbers' & steam fitters' supplies, Peoria, Ill.
Nairn, Gillies Co., lumber mfrs., Burlington, Ia.
Nairn Linoleum Co., Kearny, N. J.
Naismith, Geo., blast furnace, 6312 Butler, Pittsburgh, Pa.
Naknek Packing Co., San Francisco, Cal.
Nalle & Co., sashes, doors & blinds, etc., Austin, Tex.
Nalle & Douglas, common brick, Elkwood, Va.

Nalle, T. E., machst., Culpepper, Va.
Nametco Products Co., panel board cabinets, 88 Walker, New York.
Nampa Iron Wks., Nampa, Idaho.
Nance Constr. Co., 9th & Central, Los Angeles, Cal.
Nancy Hanks Hay Press & Foundry Co., Dalton, Ga.
Nanes, Nathan, second hand bags, 434 E. Houston, New York.
Nannen, Chas. B., & Son, machsts. & fndrs., 108 Lawrence, New York.
Nansemond River Brick & Tile Co., Norfolk, Va.
Nansen Chemical Co., wood alcohol, Nansen, Pa.
Nansen Composition & Paint Co., 44 Whitehall, New York.
Nanz Clock Co., time recorders, 178 Fulton, New York.
Naomi Canning Co., Edinburg, Ind.
Napanoch Knife Co., Napanoch, N. Y.
Napier-Browning Co., advtg. nov. & spec., 105 W. 40th, New York.
Napier Chem. Co., almond meal, 80 Pearl, New York.
Napier Iron Works, Nashville, Tenn.
Napier Saw Works, 40 Napier, Springfield, Mass.
Naples Lumber Co., Ltd., Naples, La.
Napoleon Cypress Co., Ltd., Napoleonville, La.
Napoleon Lumber & Handle Co., Napoleon, Ohio.
Naporano, Louis, scrap rubber, 17 Van Buren, Newark, N. J.
Nappanee Lumber & Mfg. Co., silos, Nappanee, Ind.
Naptha Washing Tablet Co., soap powders, 714 S. Dearborn, Chicago, Ill.
Naramore, Edgar H., lumber mfrs., Winchester, N. H.
Naramore, F. A., archit., University Club, Portland, Ore.
Narbett, J. F., architect, Richmond, Cal.
Nardone, Samuel, & Co., contrs., Westerly, R. I.
Nardy, F., Co., contractors, 1226 Fitzwater, Philadelphia, Pa.
Narowetz Heating & Ventg. Co., 225 W. Lake, Chicago,, Ill.
Narragansett Belting Co., leather belting, 68 W. Exchange, Providence, R. I.
Narragansett, Fdry. Co., Providence, R. I.
Narragansett Improvement Co., 122 Public, Providence, R. I.
Narragansett Machine Co., machsts. & engrs., ft of Vale, Providence, R. I.
Narrow Fabric Co., corset & shoe laces, Reading, Pa.
Narrow Fabric Corp., cotton & elastic webbing, New Haven, Conn.
Narrows Milling Co., flour, Narrows, Va.
Nartker & Schroeder, brick & tile, Glandorf, Ohio.
Nary, F. E., machst. & fndr., 51 Chardon, Boston, Mass.
Naschold, Jacob, architect, 210 New, Philadelphia, Pa.
Nash, Arthur C., architect, 345 5th av, New York.
Nash Bros., contractors, 10 S. La Salle, Chicago, Ill.
Nash, C. A., & Son, glass, Norfolk, Va.
Nash, Caleb, iron fencing, Mt. Vernon, N. Y.
Nash-Dowdle Co., contractors, 29 S. La Salle, Chicago, Ill.
Nash, Duane H., agricultural implements, Millington, N. J.
Nash, E. W., Co., glue mfrs., 559 Atlantic av, Boston, Mass.
Nash Engn'g Co., compressors, pumps, etc., S. Norwalk, Conn.
Nash, F. & C. B., Co., cornices, Portland, Me.
Nash, Franklin P., contractor, 1331 8th, N. W., Wash., D. C.
Nash Hardware Co., Fort Worth, Tex.
Nash, J. M., machst., 842 30th, Milwaukee, Wis.
Nash-Jones, contractors, Norfolk, Va.
Nash Motors Co., The, auto mfrs., Kenosha, Wis.
Nash, O. M., & D. W., cornices, Portland, Me.
Nash-Robinson Co., masons' & bldrs.' matls., Waco, Tex.
Nash, S. H., & Sons, contractors, 364 E. 142d, New York
Nash, Stanley, contractor, Dorranceton, Pa.
Nash, Thos., architect, 52 Vanderbilt av, New York.
Nashua Building Co., Nashua, N. H.
Nashua Co-operatilve Iron Fdy. Co., Nashua, N. H.
Nashua Granite Co., Nashua, N. H.
Nashua Gummed & Coated Paper Co., Nashua, N. H.
Nashua Iron Fdry., Nashua, N. H.
Nashua Mach. Co., 127 Federal, Boston, Mass., & Nashua, N. H.
Nashua Mfg. Co., blankets & flannels—cotton, Nashua, N. H.
Nashua River Paper Co., Pepperell, Mass.
Nashua Saddlery Hdwe. Co., Nashua, N. H.
Nashua Spool & Bobbin Co., Grove Hall Station, Boston, Mass.
Nashua Woolen Mills, Nashua, Ia.
Nashville Abattoir, Hide & Melting Ass'n, meat packers, Nashville, Tenn.
Nashville Bridge Co., steel structural work, Nashville, Tenn.
Nashville Builders' Supply Co., Nashville, Tenn.
Nashville Cut Stone Co., Nashville, Tenn.
Nashville Hardwood Flooring Co., Nashville, Tenn.
Nashville Machine Co., Nashville, Tenn.
Nashville Pottery Co., Nashville, Tenn.
Nashville Press Brick Co., Nashville, Ill.
Nashville Roller Mills, flour, Nashville, Tenn.
Nashville Saddlery Co., Nashville, Tenn.
Nashville Spring & Mattress Co., Nashville, Tenn.
Nashville Tie Co., Nashville, Tenn.
Nashville Trunk & Mfg. Co., Nashville, Tenn.
Nason, Fred. W., Co., engines, regulators & gov. pumps, 39 Cortlandt, New York.
Nason, J. M., architect, Corn Exch., Minneapolis, Minn.
Nason Mfg. Co., engineering supplies & specialties, 71 Fulton, New York. *See adv index at end of book.*
Nason, R. N., & Co., lubricating oils & greases, 151 Potrero av, San Francisco, Cal.
Nass, Geo., & Son, lbr., Broad & Vine, Philadelphia, Pa.
Nass & Hare Constr. Co., 113 Tasker, Philadelphia, Pa.
Nassau Contracting Co., masons' & bldrs.' matls., Long Beach, N. Y.
Nassau Fertilizer Co., 2 Rector, New York.
Nassau Mills Corp., paper, Buck Run, Pa.
Nassau Smelting & Refining Wks., electrotype metals, 603 W. 29th, New York.
Nassau Sponge Co., rubber goods, 234 W. Lake, Chicago, Ill.
Nassau Sulphur Wks., brimstone, 92 William, New York.
Nast, Adolph E., architect, 546 5th av, New York.
Nast Bros. Lime & Stone Co., Marblehead, Wis.
Natalbany Lumber Co., Ltd., Hammond, La.
Natchez Oil Mill, cottonseed meal, Natchez, Miss.
Nathan, Chas. E., second hand pipe, 133 W. Washington, Chicago, Ill.
Nathan Mfg. Co., machsts. & fndrs.—cocks, steam fire extinguishers, lubricators, valves, etc., 416 E. 106th, New York.
Nathan Nov. Mfg. Co., auto trunks, baskets, etc., 88 Reade, New York.
Nathan System, advtg. novelties, 113 So. 7th, Wilmington, N. C.
Natick Box Co., packing boxes, mfrs., Natick, Mass.
National Abrasive Co., abrasive mfrs., 5 Dorchester av, Extensive, Boston, Mass.
National-Acme Mfg. Co., bearings, bolts, dies, drilling, etc., machy., 7500 Stanton av, S.E., Cleveland, Ohio
National Adding Machine Co., machsts. & fndrs., 1366 W. 70th, Cleveland, Ohio.
National Advertising Co., advertising novelties, Seneca Falls, N. Y.
National Advtg. Spec. Co., Cleveland, Ohio.
National Aeroplane Co., 555 Washington blvd., Chicago, Ill.
National Air Cell Covering Co., pipe & boiler coverings, 163 Henderson, Jersey City, N. J.
National Ammonia Co., chemicals, 3600 N. B'way, St. Louis, Mo.
National Aniline & Chemical Co., 21 Burling Slip, New York.
National Appraisal Co., 261 Franklin, Boston, Mass.
National Architect Co., Crozier Bldg., Philadelphia, Pa.
National Art Bronze Wks. Co., brass, bronze & aluminum castings, Pope & Carrie av, St. Louis, Mo.
National Art Glass Co., 5247 S. Green, Chicago, Ill.
Nationala Art Wks., advtg. signs, Covington, Ky.
National Asbestos Packing Mfg. Co., packing mfrs., 2 Stone, New York.
National Auto Top Co., 2 Stone, New York.
National Automatic Knitter Co., textile machy., supplies, etc., 2725 Nutter, Philadelphia, Pa.
National Automatic Mach. Co., postage stamp affixing machines, Brattleboro, Vt.
National Automatic Press Co., printing presses, Lehighton, Pa.
National Automatic Tool Co., Richmond, Ind.
National Base Ball Mfg. Co., Schenectady, N. Y.
National Bauxite Co., 35th & Grays Ferry, Philadelphia, Pa.
National Bedding Co., cotton felt mattresses, 237 S. 2d, Philadelphia, Pa.
National Bedding Co., mattresses, 510 Cherry, New York.
National Bedding Co., mattresses, Leavenworth, Kan.
National Bedding Co., mattresses, Memphis, Tenn.
National Bell Fdry. Co., church, form, etc., bells, Cincinnati, Ohio.
National Belting Co., Elyria, Ohio
National Belting & Hose Co., 13th & Pine, St. Louis, Mo.
National Billiard Mfg. Co., 20 W. Canal, Cincinnati, Ohio.
National Binding Machine Co., gummed tapes, 260 West, New York.
National Blank Book Co., loose leaf devices, Holyoke, Mass.
National Blow Pipe & Mfg. Co., 738 Dryades, New Orleans, La.
National Blower Wks., machsts., Milwaukee, Wis.
National Blue Print Co., black prints & paper, 110 W. 32d, New York.
National Boat & Engine Co. of Fla., machsts., Jacksonville, Fla.
National Body & Top Corp., Buffalo, N. Y.
National Boiler Co., machsts. & fndrs., New York.
National Boiler & Sheet Iron Wks., Indianapolis, Ind.
National Boiler Spec. Co., boiler tube cleaner, Elgin, Ill.
National Boiler Washing Co. Ry. Exchange Bldg., Chicago, Ill.
National Bolt & Nut Co., Pittsburgh, Pa.
National Box Co., packing box mfrs., 38th & Racine av, Chicago, Ill., Cleveland, Ohio, & 534 Am. av, Milwaukee, Wis.
National Brake & Clutch Co., 164 Federal, Boston, Mass.
National Brake Co., machsts., Ellicott sq., Buffalo, N. Y.
National Brake & Elec, Co., air compressors, Pacific Bldg., San Francisco, Cal.
National Brake & Elec. Co., ft. Belleview pl, Milwaukee, Wis.
National Brass Co., fndrs., Grand Rapids, Mich.
National Brass & Copper Co., Lisbon, Ohio.
National Brass & Copper Tube Co., 41 Park row, New York.
National Brass & Copper Tube Co., 639 Mission, San Francisco, Cal.
National Brass Mfg. Co. brass cocks, valves, etc., Rochester, N. Y.
National Brass Mfg. Co., cabinet hdwe. mfrs., Cincinnati, Ohio.
National Brick Co., 118 N. La Salle, Chicago, Ill.
National Bridge Co., reinf. concrete steel const., Indianapolis, Ind.

National Bridge Wks., Review av, Long Island City, N. Y.
National Bronze & Aluminum Castings Co., Detroit, Mich.
National Bronze & Aluminum Foundry Co., 2539 E. 79th, Cleveland, Ohio.
National Bronze Fdry., Buffalo, N. Y.
National Broom Co., Lockport, N. Y.
National Brush Co., Aurora, Ill.
National Bldr, trade publication, 537 S. Dearborn, Chicago, Ill.
National Builders' Co., 157 Michigan, Milwaukee, Wis.
National Builders', Inc., portable houses, Saginaw, Mich.
National Building Granite Quarries Ass'n, Inc., 31 State, Boston, Mass.
National Building Supply Co., North av & Oak, Baltimore, Md.
National Bush Co., 2 Rector, New York.
National Can Co., 121 N. Caroline, Baltimore, Md., & 36 Washington, Boston, Mass.
National Can Co., litho metal boxes, Grand blvd. & D. & M. R. R., W., Detroit, Mich.
National Canning Co., Olympia, Wash.
National Car Coupler Co., machsts. & fndrs., 332 S. Michigan av, Chicago, Ill.
National Car Seal Co., Hamilton, Ohio.
National Car Wheel Co., machsts. & fndrs., Keystone Bldg., Pittsburgh, Pa.
National Carbon Co., wet & dry batteries, motor & generator brushes, etc., Madison av, N. W., & W. 117th, Cleveland, Ohio.
National Card Mat & Board Co., 218 W. Superior, Chicago, Ill.
National Cash Register Co., Dayton, Ohio.
National Casket Co., 7th & Duquesne wy, Pittsburgh, Pa.
National Cast Iron Pipe Co., machsts. & fndrs., Birmingham, Ala.
National Castings Co., gray iron, Marietta, Pa.
National Chain Co., chain mfrs., College Point, L. I., N. Y.
National Check Protecting Co., Minneapolis, Minn.
National Chemical Co., Syracuse, N. Y.
National Chemical Co., wood alcohol, Bradford, Pa.
National Chemical Co. of California, 526 S. Alameda, Los Angeles, Cal.
National China Co., Salineville, Ohio.
National Clay Co., Hatton, Ohio.
National Clay Works, Mason City, Iowa.
National Clock & Mfg. Co., 20 W. Lake, Chicago, Ill.
National Coated Paper Corp., Pawtucket, R. I.
National Cob Pipe Wks., Union, Mo.
National Coil Co., Lansing, Mich.
National Color & Chemical Wks., 59th & 11th av, New York.
National Co., rubber substitutes, 1404 Cortland, Chicago, Ill.
National Co., toys & stampings, 277 Congress, Boston, Mass.
National Concrete Co., Lemcke Bldg., Indianapolis, Ind.
National Concrete Const. Co., Louisville, Ky.
National Concrete Fireproofing Co., Lorain & Fulton, Cleveland, Ohio.
National Conduit & Cable Co., tel., feeders, etc., wire, 41 Park row, New York, and Hastings on Hudson, N. Y.
National Coning Machy. Co., Indianapolis, Ind.
National Constr. Co., Met. Life Bldg., Minneapolis, Minn.
National Constr. Co., 6120 Jenkins Arcade, Pittsburgh, Pa.
National Contr. Co., contrs., River & Harbor, Evansville, Ind.
National Cooperage & Woodenware Co., Peoria, Ill.
National Copper Refining Co., Bradley rd, Cleveland, O.
National Cornice Wks., 1327 Channing, Los Angeles, Cal.
National Cornices & Skylight Wks., 417 E. 9th, New York.
National Corrugated Culvert Mfg. Co., Warren, Pa.
National Cotton Oil Co., Montgomery, Ala.
Nat. Crash Co., towels, Millbury, Mass.
National Crayon Co., West Chester, Pa.
National Cutlery Co., Westmoreland & Boudinot, Phila., Pa.
National Cycle & Mfg. Co., Bay City, Mich.
National Dairy Machine Co., Goshen, Ind.
National Decalcomania Co., transfer ornaments, 240 N. 60th, Phila., Pa.
National Desk Co., Herkimer, N. Y.
National Dictagraph Co., interior telephones, 220 W. 42d, New York.
National Dish Water Co., dish washing machs., Binghamton, N. Y.
National Disinfect'g Co., 306 E. 59th, New York.
National Drain Tile Co., Terre Haute, Ind.
National Drawn Steel Co., E. Liverpool, Ohio.
National Dredging & Lighterage Co., filtering & sand blast sand & gravel dealers, North American Bldg., Philadelphia, Pa.
National Drill Co., Cambridge City, Ind.
National Druggist, trade publications, Century Bldg., St. Louis, Mo.
National Dry Kiln Co., Indianapolis, Ind.
National Dump Car Co., 80 E. Jackson blvd, Chicago, Ill.
National Duplicator Co., 72 Pine, New York
National Dust-Dawn Co., sweeping compounds, 102 N. 1st, Brooklyn, N. Y.
National Duster Co. (Ltd.), 736 S. 2d, Phila., Pa.
National Egg Carrier Co., Council Bluffs, Ia.
National Elec. Co., cooking app., 140 W. Austin av, Chicago, Ill.
National Elec. Co., Jacksonville, Fla.
National Elec. Co., signs, 663 E. Lombard, Baltimore, Md.
National Elec. Controller Co., storage battery charging sets, 154 Whiting, Chicago, Ill.
National Elec. Laboratories, 117 Front, New York.
National Elec. Lamp Co., Cleveland, Ohio.
National Electric Lighting Co., Wilton Junction, Ia.
National Electric Porcelain Co., Carey, Ohio.
National Electric Signaling Co., wireless telegraph instrts., Farmers' Bank Bldg., Pittsburgh, Pa.
National Electric Specialty Co., Toledo, O.
National Elec'l Mfg. Co., massage vibrators, 1161 B'way, New York.
National Electrical Supply Co., 1330 New York av, N. W., Washington, D. C.
National Electrolytic Co., potash—chemicals, Niagara Falls, N. Y.
National Elevator Co., machsts., 124 Longworth, Cincinnati, Ohio, and 62 W. 45th, New York.
National Enameling & Mfg. Co., flexible mtlc. conduits, Renshaw bl, Pittsburgh, Pa.
National Enameling & Mfg. Co., signs, Montgomery & Lex. avs, Norwood, Cincinnati, Ohio.
National Enamel'g & Stamp'g Co., army canteens, 411 5th av, New York.
National Engineer, trade publication, 417 S. Dearborn, Chicago, Ill.
National Engng. Co., 922 S. Niagara, Saginaw, Mich.
National Engineering Co., sand mixing machines & screen separators, 5 N. La Salle, Chicago, Ill.
National Engng. & Equipment Co., hydraulic rams; air compressors; heating & power boilers, Seattle, Wash.
National Engineering & Tool Works, engine lathes, Oak Park, Ill.
National Envelope Co., 424 W. Liberty, Cincinnati, Ohio, and Waukegan, Ill.
National Equipment Co., machsts., Springfield, Mass.
National Equipment Co., tackle blocks, derricks, etc., 123 S. Racine av, Chicago, Ill. *See adv. index at end of book.*
National Excavataion & Foundation Co., 507 5th av, New York.
National Expanding Envelope Co., 110 Worth, New York.
National Felt Co., Easthampton, Mass.
National Fertilizer Co., 2 Rector, New York.
National Fiberstock Envelope Co., 34 E. Allen, Phila., Pa.
National Fibre Board Co., 121 Beach, Boston & Lawrence, Mass.
NATIONAL FIBRE & INSULATION CO., Yorklyn, Del.
National Filter Cloth & Weaving Co., 57 Hope, Brooklyn, N. Y.
National Fire Brick Co., Strasburg, Ohio.
Nat. Fire Proof'g Co., fire brick, Flatiron Bldg., New York.
National Fire Proofing Co., fire doors, 450 W. Broad, Columbus, Ohio.
National Fire Proofing Co., Fulton Bldg., Pittsburgh, Pa.
National Fireproofing Sash & Door Co., 449 Stagg, Bklyn, N. Y.
National Fireworks Distributing Co., 64 Sudbury, Boston, Mass.
National First Aid Cabinet Wks., 443 S. Dearborn, Chicago, Ill.
National Flag Co., 1012 Flint, Cincinnati, Ohio.
National Flue Cleaner Co., Trenton, N. J.
National Fly Paper Co., Kenosha, Wis.
National Folding Box & Paper Co., New Haven, Conn.
National Forge & Tool Co., lathe spindles, tool holders & hollow forgings, Erie, Pa.
National Foundation & Engineering Co., Citizens' Bldg., Cleveland, Ohio.
National Fndry. Co., Albuquerque, N. Mexico, Erie, Pa., & 24th av & Pk., Milwaukee, Wis.
National Foundry Co. of N. Y., 10 Sanford, Brooklyn, N. Y.
National Fdry. & Mach. Co., Louisville, Ky.
National Foundry Mfg. & Supply Co., Williamsport, Pa.
National French Fancy Nov. Co., toys, games & nov., 276 Hinsdale, Brooklyn, N. Y.
National Fuel Co., coke, Oliver Bldg., Pittsburgh, Pa.
National Fulton Brass Mfg. Co., machsts. & fndrs., 28 Brush, Detroit, Mich.
National Furnace Co., Dayton, Ohio.
National Galvanizing Co., hot process galvanizing, 1918 Carroll av, Chicago, Ill.
National Galvanizing & Plating Equipment Corp., 52 B'way, New York.
National Gas Furnace Co., 9 Codding, Providence, R. I.
National Gas Governor Co., gas regulators, 56 W. 45th, New York.
National Gauge Co., gauge mfrs., 300 Pacific, Brooklyn, N. Y.
National Gauge & Equipment Co., gauges & thermometers, La Crosse, Wis. *See adv. index at end of book.*
National Gear Wheel Fdry., gears (machine moulded), South & Walker, Pittsburgh, Pa.
National Glass Co., 705 Blue Island av, Chicago, Ill.
National Glove Co., Columbus, Ohio.
National Glue Co., 539 W. 14th, Indianapolis, Ind.
National Glue & Gelatine Wks., 11th av & 59th, New York.
National Granite Co., Montpelier, Vt.
National Graphite Lubricator Co., Scranton, Pa.
National Grinding Wheel Co., 2984 Main, Buffalo, N. Y.
National Gum & Mica Co., glue, paste, starch, size, etc., mfrs., 59th & 11th av, New York.
National Hair Cloth Co., 2950 N. Jasper, Phila., Pa.
National Handle Co., Cleveland, Ohio.
National Hanger & Fixture Mfg. Co., 496 E. 134th, New York.
National Hardware Co., 327 W. 4th, Cincinnati, Ohio.
National Hardware & Supply Co., Duluth, Minn.

National Harness Review, trade publications, 1054 Buena av, Chicago, Ill.
National Harrow Co., harrows & pulverizers, Le Roy, Ill.
National Heater Co., Cleveland, Ohio.
National Htg. Co., 2050 Geyser av, St. Louis, Mo.
National Helmet Co., 250 W. 54th, New York.
National Hoisting Engine Co., machsts., Harrison, N. J.
National Home Bldg. Co., portable houses, Portland, Ore.
National Incubator Co., Racine, Wis.
Nat. India Rubber Co., rubber goods—druggists', surgical & mech'l, etc., Bristol, R. I.
National Indicator Co., egg beaters, 852 Vernon av, Long Island City, N. Y.
National Inspection Co., fire extinguishers, 25th & Wharton, Phila., Pa.
National Insulating & Mfg. Co., Indianapolis, Ind.
National Insulator Co., insulating compounds, 1016 B'way, Boston, Mass.
National Iron Co., 50th & Ramsey, Duluth, Minn.
National Iron & Steel Publishing Co., 108 Smithfield, Pittsburgh, Pa.
Nat'l Iron & Wire Co., Cleveland, Ohio.
National Iron Wks., 5926 S. Ashland av, Chicago, Ill.; Detroit, Mich., & Spokane, Wash.
National Jack & Mfg. Co., 130 S. Clinton, Chicago, Ill.
National Jewelry Case Co., 70 Exchange, Buffalo, N. Y.
National Juvenile Auto Co., Toledo, Ohio.
National Kellastone Co., sanitary flooring & stucco, 5 S. Wabash av, Chicago, Ill.
National Knitting Co., gloves, socks, 905 Clinton, Milwaukee, Wis.
National Knitting Wks., sweaters, etc., Randolph & Jefferson, Phila., Pa.
National Knitting Works Co., bathing suit mfrs., 1967 E. 57th, Cleveland, Ohio.
National Labeling Machine Co., 342 Vernon av, Long Island City, N. Y.
National Lamp Wks., of Gen'l Elec. Co., mazda lamps, Nela Park, Cleveland, Ohio.
National Lathe Co., 15 W. 2d, Cincinnati, Ohio.
National Ldry. Journal, trade publications, 124 N. Ann, Chicago, Ill.
National Ldry. Machy. Co., 700 W. 22d, Chicago, Ill.
National Lead Co., linseed oil & cake mills, 1406 W. 13th, Kansas City, Mo., and 111 B'way, New York.
National Lead Co., Omaha, Neb.
National Lead Co., of Mass., linseed oil, 131 State, Boston, Mass.
National Lead & Oil Co. of Pa., Commonwealth Bldg., Pittsburgh, Pa.
National Leather Belt'g Co., asbestos brake lin'g, etc., 342 E. 38th, New York.
National Leather Mfg. Co., belting, packing, loomstrapping mfrs., etc., Niles, Mich.
National Lime & Stone Co., Carey, Ohio.
National Limestone Co., Naginey, Pa.
National Lock Co., Rockford, Ill.
National Lock Washer Co., machsts., 65 Johnson, Newark, N. J.
National Lumber & Creosoting Co., Texarkana, Ark.
National Lumber & Mfg. Co., Hoquiam, Wash.
National Mach. Co., Hartford, Conn., 686 Nat. av, Milwaukee, Wis., & 507 Orange, Wilmington, Del.
National Mach. & Const. Co., Kansas City, Mo.
National Mach. & Stamping Co., lawn mower sharpeners, Detroit, Mich.
National Mach. & Tool Co., 253 A, Boston, Mass.
National Machine Tool Co., Cincinnati, Ohio.
National Mach. Wks., 1559 Sheffield av, Chicago, Ill.
National Machinery Co., bolt, nut, etc., machinery, Tiffin, Ohio.
National Machy. Co., cotton machy., 11 Eddy, Providence, R. I.
National M'chy. & Wrecking Co., 1914 Scranton rd, Cleveland, Ohio.
National Malleable Castings Co., 7706 Platt av S. E., Cleveland, Ohio.
National Mantel Co., McKeesport, Pa.
National Mfg. Co., lumber, Dime Savings Bank Bldg., Detroit, Mich.
National Mfg. Co., machsts., Sterling, Ill. & West Unity, Ohio.
National Mfg. Co., seed testers, hdwe. specialties, Des Moines, Ia.
National Mfg. Co., wire goods & wire hdwe., Worcester, Mass.
National Mfg. & Electro Plating Co., 16 Calendar, Providence, R. I.
National Mfg. & Engng. Co., pckg. mfrs., valve seats, etc., 1537 Race, Phila., Pa.
National Mfg. & Steel Supply Co., 781 Summit, Newark, N. J.
National Mfg. & Supply Co., plumbers, mill & facty. supplies—jobbers, 256 3d av S., Minneapolis, Minn.
National Map Co., Indianapolis, Ind.
National Marine Lamp Co., flashlights, Forestville, Conn.
National Marking Mach. Co., 1054 Gilbert, Cincinnati, Ohio.
National Mattress Co., Lynchburg, Va.
National Megaphone Co., Wakefield, Mass.
National Metal Edge Box Co., 1217 Callowhill, Phila., Pa.
National Metal Molding Co., electrical conduits & fittings, 1110 Fulton Bldg., Pittsburgh, Pa.
National Metal Seal Corp., bottle, glass & jar caps, 30 Church, New York.
National Metal Spinning & Stamping Co., 176-180 Grand, New York.
National Metal Stamp & Mfg. Co., fire engines, phonographic horns, shades & reflectors, etc., 494 Mulberry, Newark, N. J.
National Metal Weather Strip Co., 117 W. Erie, Pittsburgh, Pa.
National Metal Sash Co., window frame, 2012 W. Kinzie, Chicago, Ill.
National Metallic Bed Co., machsts. & fndrs., Everett, Mass.
National Meter Co., 299 B'way, New York, & 42d & 1st av, Brooklyn, N. Y.
National Mill Supply Co., Fort Wayne, Ind., & Paterson, N. J.
National Mill & Lumber Co., general mill work, 5th & Bryant, San Francisco, Cal.
National Milling Co., 820 Flour Ex., Minneapolis, Minn., & Toledo, Ohio.
National Milling & Chemical Co., casein, Harper's Mills, Phila., Pa.
National Mirror Wks., Rockford, Ill.
National Mortar Co., 1st & M, N. E., Washington, D. C.
National Mortar & Supply Co., masons' & bldrs.' matls., 2d Nat'l Bk. Bldg., Pittsburgh, Pa.
National Mosaic Co., marble, 338 Pennsylvania av, Washington, D. C.
National Mosaic Flooring Co., tile, Mobile, Ala.
National Mosaic Tile Co., ceramic tile, 2101 S. Kedzie av, Chicago, Ill.
National Motor Car & Vehicle Corp., 1004 E. 22nd, Indianapolis, Ind.
National Motor Co., clothes washing machines, Springfield, O.
National Motor Supply Co., gasoline savers, 5604 Euclid av, Cleveland, Ohio.
National Moving Picture Co., machy., 537 S. Dearborn, Chicago, Ill.
National Musical String Co., New Brunswick, N. J.
National Neck Yoke Co., Rock Island, Ill.
National Novelty Co., machsts., 519 3d S., Minneapolis, Minn.
National Oats Co., Cedar Rapids, Ia.
National Oil Co., soap & greases, 17 Battery pl, New York.
National Oil Products Co., Harrison, N. J.
National Oil & Paint Co., Omaha, Neb.
National Oil & Sup. Co., 180 Frelgysen av, Newark, N. J.
National Oxygen Co., 105 W. Monroe, Chicago, Ill.
National Packaging Machinery Co., machsts., 172 Green, Jamaica Plains, Boston, Mass.
National Paint & Manganese Co., Lynchburg, Va.
National Paint & Varnish Co., 8709 Kinsman rd, Cleveland, O.
National Paper Co., paper bags, Atlanta, Ga.
National Paper Mills & Filler Co., W. 43d & S. Racine av, Chicago, Ill.
National Paper Products Co., towels, San Francisco, Cal.
National Patent Reed Co., Unionville, Conn.
National Pearl Wks., buttons, 30 E. 23d, New York, & 502 Mulberry, Newark, N. J.
National Pencil Co., Atlanta, Ga.
National Petroleum News, trade publication, Caxton Bldg., Cleveland, Ohio.
National Piano Bench Co., 1433 Carroll av, Chicago, Ill.
National Piano Co., 621 Albany, Boston, Mass.
National Piano Mfg. Co., automatic pianos, 31 Ottawa, N. W., Grand Rapids, Mich.
National Pickle & Canning Co., Blue Island, Ill.
National Pin & Bracket Co., insulator, North Vernon, Ind.
National Pin Co., Derby, Conn.
National Pipe Bending Co., feed water heater, pipe coils & bends, New Haven, Conn.
National Pipe Die & Machine Co., Archbold, Ohio.
National Pipe & Fndry. Co., Attalla, Ala.
National Plaster Board Co., Cleveland, Ohio.
National Plastic Relief Co., Blue Rock & Turrill, Cincinnati, O.
National Plumbing & Heating Supply Co., 6044 S. State, Chicago, Ill.
National Pneumatic Co., car doors, 50 Church, New York.
National Pole Co., ties, poles & posts, Escanaba, Mich.
National Porcelain Co., Trenton, N. J.
National Pottery Co., Evansville, Ind.
National Pressed Brick Co., Mascoutah, Ill., & 407 N. 8th, St. Louis, Mo.
National Pressed Steel Co., cold rolled strip steel, Massillon, O.
National Printing Mchy. Co., Athol, Mass.
National Products Co., 2d-hand machy. dlrs., East Liverpool, O.
National Provisioner, trade publication, 116 Nassau, New York.
National Pulp & Turpentine Co., Green Cove Springs, Fla.
National Pulverizer Co., machy., Denver, Colo.
National Pump Co., Dayton, Ohio.
National Radiator Co., Johnston, Pa.
National Railroad Trolley Guard Co., Olean, N. Y.
National Ry. Devices Co., doors, 224 N. Desplaines, Chicago, Ill.
National Red Oil & Soap Co., Harrison, N. J.
National Refining Co., oils, etc., Cleveland, Ohio.
National Refining Co., lubrg. oils, Indianapolis, Ind., & Springfield, Ill.
National Refining & Mfg. Co., petroleum, Bakersfield, Cal.
National Refrigerator & Fixture Co., 8th & Park av, St. Louis, Mo.
National Regulator Co., 208 S. Jefferson, Chicago, Ill.
National Retailers Adv. Corp., elec. signs, Kansas City, Mo.
National Retarder Co., Port Clinton, Ohio.

National Ribbon & Carbon Co., 1466 E. 55th, Cleveland, Ohio.
National Ring Traveler Co., textile mchy., 257 W. Exch., Providence, R. I.
National Roll & Foundry Co., Avonmore, Pa.
National Roller Chafe Iron Co., West Medway, Mass.
National Rolling Mill Co., Vincennes, Ind.
National Roofing Co., Tonawanda, N. Y., & Ware blk, Omaha, Nebr.
National Roofing Co., paper, Emigsville, Pa.
National Roofing Materials Co., Edwardsville, Ill.
National Roofing & Supply Co., contrs., 140 Main, Louisville, Ky.
National Roofing Tile Co., Lima, Ohio.
National Rosin Oil & Size Co., 90 West, New York.
National Rubber Co., automobile tires & tubes, Pottstown, Pa.
National Rubber & Specialties Co., rubber cement, etc., Winton pl, Cincinnati, Ohio.
National Rubber Supp. Co., mill & facty. supp., Denver, Colo.
National Safe & Lock Co., Cleveland, Ohio.
National Safety Fifth Wheel Co., Lancaster, Pa.
National Safety Snap Co., Wilmington, Ohio.
National Sales Co., minerals & earths, 31 E. 13th, Cincinnati, Ohio.
National Sand & Stone Co., Niles, Ohio.
National Sanitary Co., fndrs., Salem, Ohio.
National Sanitary Co., disinfectants, Sedalia, Mo.
National Sash & Door Co., Coffeyville, Kans., & N. Dupre & Carondelet walk, New Orleans, La.
National Saw Co., kraut cutters, Newark, N. J.
National Sawdust Co., sawdust, 102 N. 1st, Brooklyn, N. Y.
National Scale Co., machsts, automatic loading trucks, factory signals, etc., 11 Hendricks, Chicopee Falls, Mass.
National School Slate Co., Slatington, Pa.
National Screen Mfg. Co., 1456 Harrison av, Cincinnati, Ohio.
National Screw & Tack Co., Cleveland, Ohio.
National Selling Co., cigar packing machy., Allentown, Pa.
National Separator & Mach. Co., Concord, N. H.
National Sewer Pipe Co., Webster City, Ia.
National Sewing Mach. Co., arc lamp insulators, Belvidere, Ill.
National Sheet Metal Co., Peru, Ill.
National Sheet Metal Roofing Co., 339-345 Grand, Jersey City, N. J.
National Shipbuilding Co., Seattle, Wash.
National Shipbuilding Co., Orange, Texas.
National Shoe Plate Mfg. Co., Cleveland, Ohio.
National Show Case Co., Columbus, Ga., & 486 Leonard, Brooklyn, N. Y.
National Silica Wks., silex, Berkeley Springs, W. Va.
National Sign Co., wood, Dayton, Ohio.
National Skylight & Ventilator Co., Rochester, N. Y.
National Smelting Co., Grant av, Cleveland, Ohio.
National Soap Co., 440 Franklin, Detroit, Mich., & Leavenworth, Kans.
National Soap Corp., 444 Southampton, Boston, Mass.
National Solder Co., 934 E. 174th, New York.
National Specialty Mfg. Co., meat choppers, coffee mills, etc., 3d & Lehigh av, Philadelphia, Pa.
National Specialty Mfg. Co., 373 B'way, Milwaukee, Wis.
National Sponge & Chamois Co., 158 William, New York.
National Spring Bed Co., New Britain, Conn.
National Spring Clip Co., clothespins, Montpelier, Vt.
National Spring Co., for automobiles, New Castle, Ind.
National Spring & Wire Co., Albion, Mich.
National Stamping & Elec. Works, lamps, etc., 424 S. Clinton, Chicago, Ill.
National-Standard Co., blowers, seed mills, pumps, etc., Box 211, Niles, Mich.
National Starch Co., 17 Battery pl, New York.
National Steam Heating Co., 1130 N. Clark, Chicago, Ill.
National Steam Pump Co., Upper Sandusky, Ohio.
National Steam Spec. Co., gauges, valves, etc., 16 S. Clinton, Chicago, Ill.
National Steel Casting Co., machsts. & fndrs., Montpelier, Ind.
National Steel Fndries, Belleview pl & Larkin, Milwaukee, Wis.
National Steel Fdry. Co., boat anchors, New Haven, Conn.
National Steel Products Co., lock-nuts, Cleveland, Ohio.
National Steel Tank & Mfg. Co., Bradford, Ill.
National Stone Co., Bloomington, Ind.; 122 S. Michigan av, Chicago, Ill., & New Castle, Pa.
National Stone Renovat'g Co., 409 W. 55th, New York.
National Stove Co., Div. Am. Stove Co., Lorain, Ohio.
National Sucker Rod Co., machsts., Parkersburg, W. Va.
National Sugar Mfg. Co., Sugar City, Colo.
National Sugar Refin'g Co., 129 Front, New York.
National Sulphur Co., brimstone, 80 Maiden la, New York.
National Sumac & Herb Co., Henderson, N. C.
National Supply Co., fuel oil, appliances, etc., 416 W. Grand av, Chicago, Ill.
National Supply Co., machsts. & fndrs., Curtis Bay, Baltimore, Md., & Independence, Kans.
National Supply Co., mill & facty. supplies, Toledo, Ohio.
National Supply & Constr. Co., reinf. concrete steel const., Ellwood City, Pa.
National Supply & Equipment Co., foundry facings, Bulletin Bldg., Philadelphia, Pa.
National Supply & Mfg. Co., door hangers, wood skewers, etc., 2362 Palm. St. Louis, Mo.
National Supply Co. of Texas, machy. dlrs., Beaumont & Humple, Texas.
National Surety Co., indemnity bond ins., 115 B'way, New York.
National Surface Guard Co., 343 S. Dearborn, Chicago, Ill.
National Sweeper Co., Division of The Torrington Co., hand vacuum cleaners, 59 Field, Torrington, Conn.
National Synthetic Co., chemicals, Perth Amboy, N. J.
National Tack Co., East Bridgewater, Mass.
National Tag Co., Dayton, Ohio.
National Tank & Pipe Co., wood, Portland, Ore.
National Telegraphone & Supply Co., El Paso, Texas.
National Telephone Supply Co., 5100 Superior av, Cleveland, O.
National Terra Cotta Co., s. cor. 16th & Oakland, Kansas City, Mo.
National Textile Mfg. Co., cotton batting, Cohoes, N. Y.
National Thermometer Co., chem. needles, etc., 125 E. 23d, New York.
National Ticket Case Co., 842 W. 35th, Chicago, Ill.
National Ticket Co., 205 St. Clair av, N. E., Cleveland, Ohio.
National Tile Co., Anderson, Ind.
National Time Switch Co., South Bend, Ind.
National Tin Co., detinn'g plants, 21 Park Row, New York.
National Tool Co., Cleveland, O., "National-Cleveland" milling cutters, etc. *See adv index at end of book.*
National Tracing Cloth Co., Saylesville, R. I.
National Tractor Co., 29 S. La Salle, Chicago, Ill.
National Transit Pump & Machine Co., mfg. of pumping machy. for oil & gas lines, Oil City, Pa.
See adv index at end of book
National Trunk Co., 24 Morton, Newark, N. J.
National Trunk Co., 110 W. 9th, Kansas City, Mo.
National Tube Co., pipe, boiler tubes & seamless tubing, Frick Bldg., Pittsburgh, Pa.
National Tubular Axle Co., Emigsville, Pa.
National Twist Drill & Tool Co., Brush nr. E. Grand blvd, Detroit, Mich.
National Umbrella Co., 1372 W. 6th, Cleveland, Ohio.
National Umbrella Frame Co., lock washers, 30th & Thompson, Philadelphia, Pa.
National Vacuum Mchy. Co., Dayton, Ohio.
National Varnish Co., 153 West av, Long Island City, N. Y.
National Vault Casket Co., 2145 Bay, Los Angeles, Cal.
National Veneer Products Co., trunk mfrs., Mishawaka, Ind.
National Ventilat'g Co., cornices & skylights, 337 E. 26th, New York.
National Washboard Co., 72 W. Adams, Chicago, Ill.
National Waste Co., cotton & woolen wastes, Fisher Bldg., Chicago, Ill., and North Manayunk, Philadelphia, Pa.
National Water Lift Co., Kalamazoo, Mich.
National Water Main Clen'g Co., 50 Church, New York.
National Waterproofing Co., waterproof paper, Drexel Bldg., Philadelphia, Pa.
National Waterproof Film Co., 19 S. La Salle, Chicago, Ill.
National Wax & Paper Mfg. Co., 203 37th, Brooklyn, N. Y.
National Web Co., elastic webbing, 263 Linden av, Jersey City, N. J.
National Welding & Mfg. Co., Buffalo, N. Y., & 527 W. Jackson blvd, Chicago, Ill.
National Whalebone Co., 25 W. 45th, New York.
National Wheel Co., Perrysburg, Ohio.
National Wire Wheel Works, airplane wheels, Geneva, N. Y.
National Wood Floor Co., 607 W. 43d, New York.
National Wood Prod. Co., turpentine, Wilmington, N. C.
National Woodenware Co. (Ltd.), ironing boards, Grand Rapids, Mich.
National Woodworking Mach. Co., Dover, N. H.
National Wrought Iron Annealing Box Co., Washington, Pa.
National X-Ray Reflector Co., 233 W. Jackson blvd, Chicago, Ill.
National Zinc Co., chemicals & minerals, 61 B'way, New York.
Nattress, Geo., & Son, architects, 1129 Walnut, Phila., Pa.
Natural Falls Milling Co., flour, Bridgewater, Va.
Natural Products Refining Co., potash, 902 Garfield av, Jersey City, N. J.
Natural Slate Blackboard Co., Penn Argyl, Pa.
Natwick, J., & Co., lbr. mfrs., Munsey Bldg., Baltimore, Md.
Naubuc Paper Co., Glastonbury, Conn.
Nauffts Co., plbrs. spec. mfrs., 1127 Purchase, Boston, Mass.
Nauffts, Theo., contractor, Duluth, Minn.
Naugatuck Chemical Co., acids, chemicals, etc., Naugatuck, Conn.
Naugatuck Mfg. Co., seamless copper floats mfrs., Naugatuck, Conn.
Naughton Constr. Co., 79 William, New York.
Naughton & Weimar, barrel hoop driving & barrel washing machines, Westmoreland & Jasper, Philadelphia, Pa.
Naugle Pole & Tie Co., 2307 S. Morgan, Chicago, Ill.
Nault, Onesime E., architect, 8 Wall, Worcester, Mass.
Nauman Co., automobile bldrs., 138 6th, Milwaukee, Wis.
Nauman Co., lumber mfrs., Waterloo, Ia.
Naumann Hardware & Supply Co., 4324 Gtn. av, Phila., Pa.
Naumkeag Buffing Machine Co., Beverly, Mass.
Naumkeag Steam Cotton Co., cotton sheetings, Salem, Mass.
Nauss, L. B., Sons, masons' & bldrs.' matls. & sash, door & blind mfrs., Gloucester, Mass.
Nauvoo Canning Co., Nauvoo, Ill.

Naval Gun Fcty., steel castings, U. S. Naval Yard, Washington, D. C.
Naval Stores Equipment Co., rosin, turpentine mfrs., Canal Bank Bldg., New Orleans, La.
Navassa Guano Co., Wilmington, N. C.
Nave, J. H., architect, Lewiston, Idaho.
Nawn, Hugh, Contr. Co., contractors, 82 Savin, Boston, Mass.
Nawrath, J. P., & Co., cotton mops, 109 Wooster, New York.
Nax, Leonard, smoking pipes, 144 Noble, Philadelphia, Pa.
Nay, E. O., & Co., heating contractors, Pasadena, Cal.
Naylon-Pierson-Hough Co., horse collars, 158 Congress, W. Detroit, Mich.
Naylor Bros., mill & facty. supplies, Peekskill, N. Y.
Naylor & Co., ores, steel imp., mchsts. & fndrs., 120 B'way, New York.
Naylor, M. E., architect, 1319 Walnut, Cincinnati, O.
Nazareth Cement Co., Nazareth, Pa.
Nazareth Coal & Lumber Co., masons' & bldrs.' matls., Nazareth, Pa.
Nazareth Foundry & Machine Co., Nazareth, Pa.
Nazel Engineering Works, engineers & mchsts., 4049 No. 5th, Philadelphia, Pa.
N. C. Reed Co., refrigerators, 65 Atlantic av, Boston, Mass.
N. C. Steel & Iron Co., Salisbury, N. C.
N. E. Bolt & Steel Co., Everett, Mass.
Neabrey, Leonard, cornices, 637 W. Court, Cincinnati, O.
Neahr, M. J., & Co., bags, 1600 S. Dearborn, Chicago, Ill.
Neal, B. B., Hardware Co., 117 Leonard, New York.
Neal-Blum Co., masons' & bldrs.' matls. & who. hdwe., Savannah, Ga.
Neal & Brinker Co., mill & facty. supplies, who. hdwe., 81 White, New York.
Neal Co., The, Hardware and small tools, Builders' Exchange, Buffalo, N. Y.
Neal, E. H., architect, Williamstown, Mass.
Neal Elec. Headlight Co., Board of Trade Bldg., Boston, Mass.
Neal, James, cornices & skylights, Rome, Ga.
Neal, Johns & Co., wagons, Lake City, Minn.
Neal, Joseph L., architect, 245 4th av, Pittsburgh, Pa.
Neal, W. H., & Son Co., tin cans, Hurlock, Md.
Nealon, Jno. J., & Co., webbing (elastic), Bayonne, N. J.
Nearpara Rubber Co., reclaimed rubber, Trenton, N. J.
Nearpase, E. E., granite & stone producers, Port Jervis, N. Y.
Neary, J. H., & Sons, contractors, Cohoes, N. Y.
Neary, Peter, & Son Co., granite prod., Blisville, Long Island City, N. Y.
Nease. C., Lumber Co., East Liverpool, O.
Neast, Chas. & Co., masons' & bldrs.' matls., Mauch Chunk, Pa.
Nebel, M. A., mchsts. & fndrs., 72 Grand av, B'klyn, N. Y.
Nebergall, F. J., contractor, Davenport, Ia.
Nebergall, L. E., contractor, City Natl. Bk. Bldg., Omaha, Nebr.
Neb. Blangas Co., range boiler heaters, 27th & Boyd, Omaha, Neb.
Neb. Bridge Supply & Lbr. Co., Omaha, Neb.
Neb. Carbonic Acid Gas Co., Omaha, Neb.
Neb. Compound & Oil Co., Omaha, Neb.
Neb. Constr. Co., Lincoln, Neb.
Neb. Corn Mills, grits-hominy, Lincoln, Neb.
Neb. Culv. & Mfg. Co., Wahoo, Neb.
Neb. Incubator Co., Fairfield, Neb.
Neb. & Ia. Steel Tank Co., Omaha, Neb.
Neb. Lightning Rod Co., Omaha, Neb.
Neb. Paint & Lead Co., Lincoln, Neb.
Neb. Portland Cement Co., Omaha, Neb.
Neb. Stone Co., Omaha, Neb.
Nebes, David, mill brushes, Lowell, Mass.
Necarsulmer, Edward, architect, 507 5th av, New York.
Necholson Clay Mfg. Co., bricks & drain tiles, Ray, Ill.
Neck Bros Co., Ltd., brick, Marksville, La.
Nedrow Mfg. Co., post office furniture, screens, etc., Caledonia, N. Y.
Nee, Coleman, masons' & bldrs.' matls., Escanaba, Mich.
Neebe, Jno. K., architect, 1859 W. Chicago av, Chicago, Ill.
Needham Bros., brick, Miami, Ind.
Needham, P. A., architect, Brockman Bldg., Los Angeles, Cal.
Needham Piano Co., organs, 520 W. 48th, New York.
Needles Mach. Wks., machsts., Needles, Cal.
Neel-Armstrong Co., generators, Akron, O.
Neeld, Benj. M., contractor, Decatur, Ill.
Neeld, C. M., Constr Co., Oliver Bldg., Pittsburgh, Pa.
Neelen & Daly, contractors, Fitzsimmons Bldg., Pittsburgh, Pa.
Neely Nut & Bolt Co., Pittsburgh, Pa.
Neely, R. C. Co., fertilizer, Waynesboro, Ga.
Neemes Bros., grate mfrs., Troy, N. Y.
Neenah Brass Works, mchsts. & fdrs., Neenah, Wis.
Neenah Packing Co, canned goods, Neenah, Va.
Neenah Paper Co., Neenah, Wis.
Neer, Delos D., architect, Spalding Blk, Portland, Ore.
Nees & Co., contractors, Frankford, Ind.
Nees, Louis, cornices, 240 12th av, Minneapols, Minn.
Neevel Mfg. Co., concrete reinf. matls., Kansas City, Mo.
N. E. Foundry Machy. Co., grey iron castings, Campbells, Mass.
Neff, Benj. F. & Sons, brick, Bryan, O.
Neff Bros., cornices & skylights, Allentown, Pa.
Neff Bros., brick, North Creek, O.
Neff, C. H., masons' & bldrs.' matls., Canfield, O.
Neff, H. S., machsts., West Newton, Pa.
Neff, J. M., brick, Baltimore, O.
Neff, N. W., & C. D., masons' & bldrs.' matls., Geneseo, N. Y.
Neff & Thames, architects, 1213 Filbert, Philadelphia, Pa.
Neff & Thompson, architects, Seaboard Bk. Bldg., Norfolk, Va.
Negley Clay Co., Negley, O.
Negley, H. D., contractor, 7134 Idelwild, Pittsburgh, Pa.
Negus, S. P., landscape arch., 284 Dart, Boston, Mass.
Negus, T. S., & J. D., nautical instruments, etc., 140 Water, New York.
Neher, O. H., architect, Garland Bldg., Los Angeles, Cal.
Nehls, Barney, plating wks., Detroit, Mich.
Nehrich, R. B., sweaters, cardigans, etc., 1260 B'way, B'lyn, N. Y.
Neider, F. A., Co., top prop nuts & carriage & auto trimmings, Augusta, Ky.
Neiderpreum Bldg. Co., 1170 Jefferson, Buffalo, N. Y.
Neidhart, B., & Co., whol, hdwe., Marquette, Mich.
Neidich Process Co., typewriter ribbons, paper—carbon, etc., Burlington, N. J.
Neidig, Chas. E., masons & bldrs.' matls., Goshen, Ind.
Neighbour, E. J., lime, German Valley, N. J.
Neil, F. Boyle, & Co., whol. hdwe., Blackfoot, Idaho.
Neil, Jas., & Co., flour mills, Carmichaels, Pa.
Neil & Smith Electric Tool Co., portable electric tools, 120 E. 6th, Cincinnati, Ohio.
Neild, E. F., architect, Commercial Bk. Bldg., Shreveport, La.
Neiler, Rich, & Co., consulting engineers—heating and ventilating, Manhattan Bldg., Chicago, Ill.
Neill, Geo. W., fndr., Portsmouth, Ohio.
Neill, J. O., Hardware Co., masons & bldrs.' matls., Fall River, Mass.
Neill, W. H., Co., mill & facty. supplies, 505 W. Main, Louisville, Ky.
Neillsville Canning Co., Neillsville, Wis.
Neils, J., Lumber Co., Cass Lake, Minn.
Neily, Jos. W., whol. hdwe., 121 South, Baltimore, Md.
Neimeyer, A. J., Lumber Co., Little Rock, Ark.
Neiner, John, Carriage Co., 4736 Easton av, St. Louis, Mo.
Neitge, Otto, contractor, Mankato, Minn.
Neitzel, B. H., contractor, South Bend, Ind.
Neitzel Bros. & Theilmann, corn brooms, Spokane, Wash.
Nejdl & Greenwald, contractors, Whiting, Ind.
Nekonegan Paper Co., Oldtown, Me.
Nekoosa-Edwards Paper Co., Port Edwards, Wis.
Nela Specialties Division, Nat'l Lamp Wks. of G. E. Co., arc lamps, Nela Pk, Cleveland, Ohio.
Nelch, Hy., & Son, masons & bldrs.' matls., Springfield, Ill.
Neligh Brick & Mfg. Co., Neligh, Neb.
Nelke, L. D., Signs, New York, Inc., elec. illuminated & enameled iron signs, 23 E. 26th, New York.
See adv index at end of book.
Nelker, J. Franklin, architect, Professional Bldg., Baltimore, Md.
Nellan, G. M., machst. & fndr., Newton, Kan.
Neller, Louis, contractor, Lansing, Mich.
Nellis, Amos & Swift, lumber mfrs., Utica, N. Y.
Nelman & Saul, mchsts. & fndrs., Hamburg, Pa.
Nelms & Co., horse brushes, 407 Commerce, Philadelphia, Pa.
Nelsen, H. O., Iron Works, fndrs., Knoxville, Tenn.
Nelson, A. G., Lumber Co., Waupaca, Wis.
Nelson, A. J., architect, L. & L. & G. Bldg., New Orleans, La.
Nelson, A. J., Mfg. Co., iron roofing, New Orleans, La.
Nelson, A., Mfg. Co., machsts., 564 W. Randolph, Chicago, Ill.
Nelson, Alex., & Co., dumbwaiters, 103 W. 96th, New York.
Nelson, Anthony, signs, St. Paul, Minn.
Nelson & Ashworth, architects, Provo City, Utah.
Nelson, B. F., Mfg. Co., paper & boxboard mfrs., Minneapolis, Minn.
Nelson & Bauer, contractors, Fulton & Gough, San Francisco, Cal.
Nelson-Blanck Mfg. Co., drilling heads, Dubois & Clay av, Detroit, Mich.
Nelson Blower & Furnace Co., gas producers, designers & bldrs of machy., 11 Elkins, Boston, Mass.
Nelson Brick & Tile Co., New Haven, Ky.
Nelson Bros., archl. iron, 62½ Thayer, Boston, Mass.
Nelson Bros., contractors, Rock Island, Ill.
Nelson Bros., lumber mfrs., Jamestown, N. Y.
Nelson Bros., mattresses, Wilkes-Barre, Pa.
Nelson Bros. Co., machsts. & fndrs., Saginaw, Mich.
Nelson Building Co., chamber of Commerce, Detroit, Mich.
Nelson, C. H., Metal Co., tin plate, metals, etc., 104 So. Charles, Baltimore, Md.
Nelson, C., Mfg. Co., ice cream cabinets, 2300 Division, St. Louis, Mo.
Nelson, C. N., architect, Beatty Bldg., Houston, Tex.
Nelson & Call Co., hdwe. mfrs., Cortland, N. Y.
Nelson, Chas., grille work, 1939 W. Lake, Chicago, Ill.
Nelson, Chas., distillers, gin, Nashville, Tenn.
Nelson, Chas., Co., lumber, 230 California, San Francisco, Cal.
Nelson & Co., contractors, Racine, Wis.
Nelson & Co., sash, door & blind mfrs., Jamestown, N. Y.
Nelson Constr. Co., Orange, N. J.
Nelson Construction Co., Huron, S. D.
Nelson Corp., loose leaf devices, 326 W. Madison, Chicago, Ill.
Nelson, Edward J., architect, Greensburg, Pa.
Nelson, F. P., & Sons Co., contractors, 139 N. Clark, Chicago, Ill.
Nelson, Fred. A., architect, Connell Bldg., Scranton, Pa.

Nelson, G. M., architect, 819 Halsey, Brooklyn, N. Y.
Nelson Gas Engine & Auto Co., Harlan, Ia.
Nelson, H. O., Mfg. Co., plumbers & steam fitters supplies, etc., Howard st, San Francisco, Cal.
Nelson, H. P., & Son Piano Co., 1254 Marianna, Chicago, Ill.
Nelson & Hall Co., butter tubs, Montgomery Center, Vt.
Nelson Hardware Co., Roanoke, Va.
Nelson & Hawkinson, stone producers, 6153 B'way, Chicago, Ill.
Nelson, Henry, mach. & fndr., Northwood, Ia.
Nelson, Hy., & Co., soap, 1510 W. Ohio, Chicago, Ill.
Nelson, I. R., vacuum process impregnating, 1 Bond, Newark, N. J.
Nelson Indra Machinery Co., Green Bay, Wis.
Nelson Iron Works, machsts. & fndrs., Marshfield, Ore.
Nelson, J. B., Mankato, Minn.
Nelson, J. L., & Co., canned goods, Hebron, Md.
Nelson, J. M., architect, Roswell, N. M.
Nelson, J. M., oiled clothing, Gloucester, Mass.
Nelson, Jacks, Lumber Co., Shreveport, La.
Nelson, James E., Co., contractors, 7 Water, Boston, Mass.
Nelson, John F., contractor, 693 Hicks, Brooklyn, N. Y.
Nelson, Jos. E., & Sons, contractors, 118 N. La Salle, Chicago, Ill.
Nelson, Jos., Supply Co., plumbers' supplies—jobbers, Salt Lake City, Utah.
Nelson, L. H., Co., paper cups, Portland, Me.
Nelson, L. R., hose menders, 1810 S. Washington, Peoria, Ill.
Nelson & Le Moon, automobile bldrs., 849 N. Kedzie, Chicago, Ill.
Nelson & Lewin, contractors, 30 N. La Salle, Chicago, Ill.
Nelson Lumber & Mfg. Co., interior finish mfrs., 372 Dublin av, Columbus, Ohio.
Nelson, M., Furniture Co., mattresses, Astoria, Ore.
Nelson Mfg. Co., tank heaters, animal traps, Deerfield, Wis.
Nelson Mfg. & Supply Co., machinists, Hutchinson, Kansas.
Nelson Motor Truck Co., Saginaw, Mich.
Nelson, Myers, Co., brick, West Manchester, Ohio.
Nelson, N., machst. & fndr., Waukegan, Ill.
Nelson, N. O., Co., mill & facty. supplies, Memphis, Tenn.
Nelson, N. O., Co., plumbing supplies, Houston, Tex.
Nelson, N. O., Mfg. Co., plumbers, mill & facty. supplies—jobbers, 10th & Chestnut, St. Louis, Mo.
Nelson, N. O., Marble Co., Edwardsville, Ill.
Nelson, N. W. & W. A., Co., contractors, 3047 4th av, S., Minneapolis, Minn.
Nelson-Neal Lumber Co., Montborne, Wash.
Nelson, Neis, & Son, machsts., Aberdeen, Wash.
Nelson, Nels P., contractor, Montclair, N. J.
Nelson, Peter, contractor, Temple ct., Minneapolis, Minn.
Nelson, Peter, & Son, contractors, La Crosse, Wis.
Nelson, R., Canning Co., Galena, Mo.
Nelson, Robt., contractor, Racine, Wis.
Nelson, S., architect, Arlington, Tex.
Nelson, Samuel, brush holders, 1748 Grace, Chicago, Ill.
Nelson & Thompson, contractors, Albert Lea, Minn.
Nelson Tool Co., Inc., machsts. & fndrs., dies, metal stamping, etc., 782 E. 142d, New York. *See adv index at end of book.*
Nelson Valve Co., machsts. & fndrs., Wyndmoor, Pa.
Nelson & Van Wagnen, architects, 15 W. 38th, New York.
Nelson, W. H., & Son, rivets, Taunton, Mass.
Nelson, W. P., Co., decorators, 614 S. Michigan av, Chicago, Ill.
Nelson, Weber, Constr. Co., Oconomowoc, Wis.
Nelsonville Brick Co., Nelsonville, Ohio.
Neltge, Otto, contractor, Mankato, Minn.
Nemann & Hieronymus, Mount Olive, Ill.
Nemes, B., machsts. & fndrs., 652 E. 12th, New York.
Neosho Canning Co., Neosho, Mo.
Neosho Foundry & Plow Works, Neosho, Mo.
Neosho Milling Co., flour, Neosho, Mo.
Neostyle Co., duplicators, 319 B'way, New York.
Neostyle Envelope Co., 5 S. Wabash av, Chicago, Ill.
Nephi Plaster & Mfg. Co., Salt Lake City, Utah.
Neponset Engine & Machine Co., gas & gasoline engine builders, Neponset, Boston, Mass.
Neponset Woolen Mills, woolen carriage cloth, Canton Junction, Mass.
Neptune Hardware Mfg. Co., 54 South, New York.
Neptune Meter Co., 50 E. 42d, New York.
Neptune Packing Co., canned goods, 148 State, Boston, Mass.
Neptune Paint Co., Hudson, Mich.
Neptune Twine & Cord Mills, Moodus, Conn.
Nernst Lamp Co., incandescent electric lamps, Fayette & Garrison pl, Pittsburgh, Pa.
Nesbitt, B. Morgan, architect, Twin Falls, Idaho.
Nesbitt & Bro., cornices, Wheeling, W. Va.
Neser, John E., arcnl. & ornament iron, 4 7th av, New York.
Neser & Quinn Co., plumbers' supplies, Lexington & Green, Baltimore, Md.
Neslage, Herman F., patterns & models, St. Louis, Mo.
Ness Bros. & Co., wagon & carriage material mfrs., York, Pa.
Ness, Geo. M., Jr., stamps, sinkers, stencils, etc., 61 Fulton, New York.
Ness, J. E., architect, Plymouth, Ind.
Ness, J. S., contractor, Plymouth, Ind.
Ness & Theisen Constr. Co., Great Falls, Mont.
Nessen, J. O., Lumber Co., 122 S. Michigan av, Chicago, Ill.
Nester, P. H., canned goods, Thaxton, Va.
Nestles Food Co., 130 William, New York.
Nestor Mfg. Co., die mfrs., 40 W. 13th, New York.
Nestos Timber Co., Ltd., lumber, Bellingham, Wash.
Netcher, George W., architect, Tiffin, Ohio.
Netcott, H. E., architect, Independence, Ia.
Nethercott, R., flour mills, Rutherford, Tenn.
Netting, C. J., Co., elec. fix., 71 B'way, Detroit, Mich.
Nettles, J. A., mill & facty. supp., Skagway, Alaska.
Nettleton-Bruce-Echbach Co., contractors, Seattle, Wash.
Nettleton & Weaver, architects, Penobscot Bldg., Detroit, Mich.
Netz, Edwin A., heating contr., 463 27th, Milwaukee, Wis.
Netzow, C. F., Mfg. Co., pianos, 1st & Becker, Milwaukee, Wis.
Neubauer & Boyd, architects, 1118 Chestnut, Philadelphia, Pa.
Neubeck, Adolf, nickel plating salts, Buffalo, N. Y.
Neuberger, Fred'k, & Co., turkish towels, Paterson, N. J.
Neubert, R. F., Co., incubators, Mankato, Minn.
Neuchatel Asphalt Co., bridge foundations, etc., 79 Thompkins, New York.
Neuer, H., Glass Co., 518 Reading rd, Cincinnati, Ohio.
Neuer & Hoffman, advert. nov. & spec., 75 Grand, New York.
Neuhaus, C., & Co., surgical instruments, 510 N. Eutaw, Baltimore, Md.
Neuhauser, D. L., glass stainers, elec. portables, 326 W. Grand av, Chicago, Ill.
Neuhoff Abattoir & Packing Co., meat packers, Nashville, Tenn.
Neuken, Albert, Cut Stone Co., Toledo, Ohio.
Neuman, J. C., architect, Winchester, Va.
Neuman, J. C., cornices, Springfield, Ill.
Neumann, Arthur H., & Co., contractors, Des Moines, Ia.
Neumann, H. W., Mach. Co., Davenport, Ia.
Neumann, R., & Co., sumac, 76 Worth, New York.
Neumann, R., Hdwe. Co., 9 St. Francis, Newark, N. J.
Neumann, W., architect, 314 Palisade av, Jersey City, N. J.
Neumann, Walter F., architect, Caswell blk., Milwaukee, Wis.
Neumann, William, architect, 314 Palisade av, Jersey City, N. J.
Neumarket, E. A., architect, Sharon Bldg., San Francisco, Cal.
Neumeister, F. P., & Co., carriages & knocked-down boats, Rockford, Ill
Neumeyer, H. F., & Son, machsts. & fndrs., Macungie, Pa.
Neumiller, J. & G., carriages, 125 Fell, San Francisco, Cal.
Neumkirchen & Harrsch, contractors, 133 W. Washington, Chicago, Ill.
Neupert & Budwig, packing box, Waterloo, Wis.
Neureitter & Horre, masons' & bldrs.' matls., Elizabeth, N. J.
Neustadt Auto. & Supply Co., 3200 Locust, St. Louis, Mo.
Nevada City Hdwe. Co., Nevada City, Cal.
Nevada County Cannery Ass'n, Grass Valley, Cal.
Nevada Engineering & Supply Co. Wks., Reno, Nev.
Nevada Metal Mfg. Co., road culverts, Reno, Nev.
Nevada Packing Co., meat, Reno, Nev.
Nevada Sheet Metal Wks., Reno, Nev.
Nevada State Univ., engng. school & coll., Reno, Nev.
Nevate, G. H., architect, 220 W. 5th, Los Angeles, Cal.
Nevels Bros., contractors, Hartford, Conn.
Never Fall Co., razor strops, Toledo, Ohio.
Never-Skid Mfg. Co., tire skid, 110 W. 34th, New York.
Never Slip Safety Clamp Co., 141 B'way, New York.
Never Split Seat Co., Evansville, Ind.
Neves, W. D., architect, Greenville, S. C.
Neville & Bagge, architects, 105 W. 40th, New York.
Neville Bros., fertz. mfrs., West Union, S. C.
Neville, Jerry, contractor, London, Ohio.
Neville Steering Wheel & Mfg. Co., 700 Woodward av, Detroit, Mich.
Neville, T., carriages, Oshkosh, Wis.
Neville, Thos., & Co., automobile bldrs., Oshkosh, Wis.
Neville, Thos. J., masons' & bldrs.' matls., Malden, Mass.
Neville, W. N., flour mills, Arlington, Ky.
Nevin, Chas. K. B., architect, 6 Beacon, Boston, Mass.
Nevin, H. L., architect, Starks Bldg., Louisville, Ky.
Nevin, T. H., Co., paints, Island & Preble, Pittsburgh, Pa.
Nevinger, Dan'l D., contractor, 1259 Abbott rd, Buffalo, N. Y.
Nevins, Ed. J., stone producer, wkr. & dlr., 638 W. 51st, New York.
Nevins, Oscar W., & Co., contrs., Pavonia & West Side av, Jersey City, N. J.
Nevins, Sam'l, Co., clay, crayon, pencil & silica mfrs., 109 S. 2d, Philadelphia, Pa.
Nevitt, John J., architect, 21 Bay, Savannah, Ga.
New Acme Plating Co., 59 Page, Providence, R. I.
New Aetna Portland Cement Co., 412 Union Trust Bldg., Detroit, Mich.
New Age Tractor Co., 3046 Snelling av, Minneapolis, Minn.
New Albany Box & Basket Co., New Albany, Ind.
New Albany Hosiery Mills, lumbermen's socks, New Albany, Ind.
New Albany Machine Mfg. Co., New Albany, Ind.
New Albany Mfg. Co., grates, New Albany, Ind.
New Albany Veneering Co., New Albany, Ind.
New Albany Wall Plaster Co., New Albany, Ind.
New Alexandria Coke Co., Greensburg, Pa.
New Amsterdam Casualty Co., accident & emplrs.' liability, ins., 59 John, New York.
New Baden Milling Co., flour, New Baden, Ill.
New Bedford Boiler & Machine Co., New Bedford, Mass.
New Bedford Cordage Co., 120 Broadway, New York; mills, New Bedford, Mass.
New Bedford Foundry & Machine Co., New Bedford, Mass.
New Bedford Mill Supply Co., New Bedford, Mass.

New Bedford Rubber Co., New Bedford, Mass.
New Bedford Shuttle Co., tex. machy., supplies, etc., New Bedford, Mass.
New Bedford Valve Mfg. Co., New Bedford, Mass.
New Bern Cotton Oil & Fertilizer Mills, New Bern, N. C.
New Bethlehem Fabric Mfg. Co., canvas gloves, New Bethlehem, Pa.
New Bethlehem Window Glass Co., New Bethlehem, Pa.
New Bremen Bridge Co., New Bremen, Ohio.
New Bremen Broom Co., New Bremen, Ohio.
New Brighton Plaster Co., New Brighton, Pa.
New Britain Carriage Co., New Britain, Conn.
New Britain Hdwe. Mfg. Co., mach. handles, New Britain, Conn.
New Britain Machine Co., automatic screw and chucking machines, woodworking machinery & shop furniture mfrs., 190 Chestnut, New Britain, Conn.
New Britain Sheet Metal Co., radiator fans, New Britain, Conn.
New Britain Tool Co., special mach., New Britain, Conn.
New Brunswick Iron Wks., New Brunswick, N. J.
New Can Co., 326 A, Boston, Mass.
New Castle Casket Co., New Castle, Ind.
New Castle Elastic Pulp Plaster Co., New Castle, Pa.
New Castle Fndry. Co., New Castle, Ind.
New Castle Limestone & Clay Co., New Castle, Pa.
New Castle Lumber & Constr. Co., New Castle, Pa.
New Castle Machy. Wks., machsts. & fndrs., New Castle, Ind.
New Castle Paper Mills, New Castle, Pa.
New Castle Steel & Iron Co., bolts, chains, forgings, etc., Pittsburgh, Pa.
New Central Foundry Co., Lewisburg, Pa.
New Century Adding Machine Co., E. St. Louis, Ill.
New Chicago Specialty Co., toys, games & novelties, New Chicago, Ind.
New City Iron Wks., 4857 S. Racine av, Chicago, Ill.
New Conklin Wagon Co., Olean, N. Y.
New Cumberland Brick Co., New Cumberland, Pa.
New, D. F., flour, Carrollton, Ga.
New Departure Mfg. Co., New Departure ball bearing in double row, single row "Radax" & magneto types; coaster brakes & hubs for bicycles; bells for bicycles, fire alarm and house door use; steel balls and cyclometers for bicycles, 269 N. Main, Bristol, Con. *See adv index at end of book.*
New Departure Service Station, ball & roller bearings, 255 W. 58th, New York.
New Doty Mfg. Co., machy., Janesville, Wis.
New Edmonton Mills, Inc., Edmonton, Ky.
New Egyptian Portland Cement Co., Detroit, Mich.
New England Annealing & Tool Co., machsts. & fndrs., 74 K, S. Boston, Mass.
New England Auto Top & Body Co., 317 W. 47th, New York.
New England Bedding Co., mattresses, 321 Congress, Boston, Mass.
New England Blacking Co., rubber goods, 24 Binford, Boston, Mass.
New England Bolt Co., Everett, Mass.
New England Bolt & Steel Co., arch'l iron, Boston & Everett, Mass.
New England Bolt & Supply Co., guy anchors, Everett, Mass.
New England Box Co., Greenfield, Mass.
New England Brass Co., sheet metal in brass, copper, commercial bronze, nickel silver ocupro, nickel, Taunton, Mass.
New England Brass & Fixture Co., elec. fixture mfrs., 125 Pearl, Boston, Mass.
New England Brick Co., 18 Post Office Square, Boston, Mass.
New England Broom & Supply Co., 191 Forest Hills, Boston, Mass.
New England Buff Co., polishing wheels, 101 Albany, Boston, Mass.
New England Bunting Co., Lowell, Mass.
New England Butt Co., machsts. & fndrs., 304 Pearl, Providence, R. I.
New England Button Co., 79 Summit, Newark, N. J.
New England Cable Co., Concord, N. H.
New England Calendar & Novelty Co., advtge, novelties, 756 Main, Hartford, Conn.
New England Canning Co., Eastport, Me.
New England Carpet Lining Co., New London, Conn.
New England Cement Gun Co., 12 West, Boston, Mass.
New England Collapsible Tube Co., New London, Conn.
New England Concrete Construction Co., 201 Devonshire, Boston, Mass.
New England Construction Co., Springfield, Mass.
New England Contr. Co., Worcester, Mass.
New England Cornice Co., 248 Bremen, E. B. Boston, Mass.
New England Cotton Yarn Co., cotton waste, Taunton, Mass.
New England Counter Co., Nashua, N. H.
New England Crushed Stone Co., 125 Forest Hills, J. P., Boston, Mass.
New England Distilling Co., Covington, Ky.
New England Drawn Steel Co., soft steel mfrs., Mansfield, Mass.
New England Dressed Meat & Wool Co., 41 No. Market, Boston, Mass.
New England Electrical Wks., Lisbon, N. H.
New England Enameling Co., coffee percolators, Middletown, Conn.
New England Engineering Co., 31 W. Main, Waterbury, Conn.
New England Envelope Co., Worcester, Mass.
New England Felt Roofing Wks., 101 Milk, Boston, Mass.
New England Fibre Blanket Co., Worcester, Mass.
New England Fireproof Constr. Co., contractors, 53 State, Boston, Mass.
New England Forge Co., Worcester, Mass.
New England Gas & Coke Co., ammonium sulphate, 111 Devonshire, Boston, Mass.
New England Granite Wks., granite paving blocks, producers, etc., Westerly, R. I.
New England Iron Wks. Co., boilers, stacks, etc., Summer, Boston, Mass.
New England Lamp Co., incandescent lamps, Malden, Mass.
New England Lime Co., Danbury, Conn.
New England Lock & Hinge Co., Winchendon, Mass.
New England Mach. & Elec. Co., Pawtucket, R. I.
New England Machy. Co., stranding machs., New Haven, Conn.
New England Mfg. Co., acetylene gas machs., 1st Nat. Bk. Bldg., Chicago, Ill.
New England Marble Mosaic Co-operative Co., 147 Orleans, E. B., Boston, Mass.
New England Metal Culvert Co., Palmer, Mass.
New England Mica Co., insulators & tubes, Waltham, Mass.
New England Novelty Wks., cutters, glass, irons—waffle, Hill, N. H.
New England Oil, Paint & Varnish Co., Waters av, Boston, Mass.
New England Plumbing Supply Co., Springfield, Mass.
New England Pressed Steel Co., motorcycle & bicycle parts and sheet metal stamping, Natick, Mass.
New England Purity Paper Bottle Co., paper bottles, Northampton, Mass.
New England Quartz Co. of N. Y., 107 William, New York.
New England Reed Co., rattan furn., 11A Green, Boston, Mass.
New England Road Machy. Co., rock crushers, 15 S. Market, Boston, Mass.
New England Roller Grate Co., Springfield, Mass.
New England Rubber Shoe Co., 284 Summer, Boston, Mass.
New England Rug Co., Lawrence, Mass.
New England Screw Co., 44 Farnsworth, Boston, Mass.
New England Steam Gauge Co., Penn av, Niantic, Conn.
New England Steel Casting Co., fndrs., Trenton, N. J.
New England Steel Roofing Co., Worcester, Mass.
New England Stone Co., New Haven, Conn.
New England Structural Co., Everett, Mass.
New England Supply Co., meat packers, 15 Gorden av, Providence, R. I.
New England Tank & Tower Co., wood tanks & steel towers, Everett, Mass.
New England Truck Co., Fitchburg, Mass.
New England Trunk Co., 125 Summer, Boston, Mass.
New England Turpentine Cup Co., Mobile, Ala.
New England Ventg. & Heating Co., 926 Manton av, Providence, R. I.
New England Westinghouse Co., guns & rifles, Chicopee & Springfield, Mass.
New England Wire Cloth Co., South Norwalk, Conn.
New Era Canning Co., New Era, Mich.
New Era Elec. Blower Co., 2248 W. Lake, Chicago, Ill.
New Era Mfg. Co., alloy metals, boiler compounds, packing mfrs., etc., Kalamazoo, Mich.
New Era Mfg. Co., pencil sharpeners, etc., 450 4th av, New York.
New Era Milling Co., flour, Arkansas City, Kan.
New Era Optical Co., Chicago, Ill.
New Era Spring & Specialty Co., Detroit, Mich.
New, F. J., contractor, New Rochelle, N. Y.
New Farson Mfg. Co., music cabinets, Chester, Pa.
New Fdry. Appliance Co., Hamilton, Ohio.
New Fdry. & Mfg. Co., Sioux City, Ia.
New Glarus Lumber Co., New Glarus, Wis.
N. H. Artistic Web Co., Barnstead, N. H.
New Hampshire Cement Const. Co., Manchester, N. H.
N. H. Coll. of Mec. Arts, engng. schools & coll., Durham, N. H.
New Hampshire Granite Co., Concord, N. H.
New Hartford Canning Co., Ltd., New Hartford, N. Y.
New Hartford Cotton Mfg. Co., surgical gauze, New Hartford, N. Y.
New Haven Boiler Wks., New Haven, Conn.
New Haven Carriage Co., auto. metal bodies, Water & Franklin, New Haven, Conn.
New Haven Clock Co., New Haven, Conn.
New Haven Copper Co., anodes & copper, Seymour, Conn.
New Haven Cornice & Metal Wks., New Haven, Conn.
New Haven Elec. Mfg. Co., knife switches, New Haven, Conn.
New Haven Engineering & Constr. Co., contractors, 82 Church, New Haven, Conn.
New Haven Fence & Fire Escape Co., iron railings, 683 Grand av, New Haven, Conn.
New Haven Folding Box Co., New Haven, Conn.
New Haven Gas Light Co., aqua ammonia, tar mfrs., etc., New Haven, Conn.
New Haven Granite Wks., artificial stone ldry. tubs, New Haven, Conn.
New Haven Lumber & Supply Co., New Haven, Ind.
New Haven Mill Co., flour, New Haven, Ky.
New Haven Milling Co., flour, New Haven, W. Va.
New Haven Pleating & Novelty Co., electroplating of every description, 31 Artizan, New Haven, Conn.
New Haven Pulp & Board Co., New Haven, Conn.
New Haven Rigging Co., dock bldrs., New Haven, Conn.

New Haven Rivet Co., rolled thread screws & metal stampings, New Haven, Conn.
New Haven Sand Blast Co., sand blast machy. mfgs., New Haven, Conn.
New Haven Saw Mill Co., lbr. mfrs., New Haven, Conn.
New Haven Screw Co., screw machine products, 191 Foster, New Haven, Conn. *See adv index at end of book*
New Haven Sherardizing Co., sherardizing, also sherardizing furnaces machy. mfrs., New Haven, Conn.
New Haven Spring Bed Co., New Haven, Conn.
New Haven Switch Co., switch boards, New Haven, Conn.
New Haven Truck & Auto Wks., New Haven, Conn.
New Holland Machine Co., agricultural implements, stone pulverizers & corn mills, New Holland, Pa.
Jackson blvd, Chicago, Ill.
New Holstein Canning Co., New Holstein, Wis.
New Home Sewing Machine Co., Orange, Mass.
New I. D. Seat Co., carriage bodies, Rohrerstown, Pa.
New Idea Arc Light Co., 20 W. Houston, New York.
New Idea Spreader Co., Coldwater, Ohio.
N. J. Adamant Mfg. Co., plaster boards, etc., East Newark & Harrison, N. J.
New Jersey Asbestos Co., packings, Walter, New York
N. J. Blind & Screen Co., Paterson, N. J.
N. J. Brick Co., 841 B'way, New York.
N. J. Brush Co., Bloomfield, N. J.
N. J. Button Wks., Duryea, Newark, N. J.
N. J. Car Spring & Rubber Co., tape insultg., 91 Brunswick, Jersey City, N. J.
N. J. Cement Constr. Co., 116 Market, Newark, N. J.
N. J. China Pottery Co., Trenton, N. J.
N. J. Clay Pot Co., glass house clay supplies, Vineland, N. J.
N. J. Clay Prod. Co., brick, New Brunswick, N. J.
N. J. Dock & Bridge Bldg. Co., Dix Bldg., Elizabeth, N. J.
N. J. Dry Dock & Transportation Co., machsts., Elizabeth, N. J.
N. J. Engineering & Constr. Co., Morristown, N. J.
N. J. Engineering & Supply Co., Passaic, N. J.
N. J. Foundry Co., Orange, N. J.
N. J. Fdy. & Mach., traveling cranes, 140 Cedar, New York
N. J. Foundry & Machine Co., expansion bolts, crank hoists manfrs., 89 West, New York.
N. J. Lime Co., Hamburg, N. J.
N. J. Machinery Exchange, machy. dealer, 21 Mechanic, Newark, N. J.
N. J. Novelty Adv. Co., Newark, N. J.
N. J. Optical Co., Newark, N. J.
N. J. Paint Wks., Wayne, Jersey City, N. J.
N. J. Rubber Co., Lambertville, N. J.
N. J. School & Church Furniture Co., Trenton, N. J.
N. J. Shipbuilding Co., Gloucester City, N. J.
N. J. Stone & Tile Co., Atlantic City, N. J.
N. J. Terra Cotta Co., 149 B'way, New York
N. J. Trap Rock Co., Morristown, N. J.
N. J. Tube Co., rolling mills—brass & copper—Harrison, N. J.
N. J. Veneer Co., veneered panels, Paterson, N. J.
N. J. Wire Cloth Co., Trenton, N. J.
N. J. Wire Stitching Mach. Co., Camden, N. J.
N. J. Zinc Co., furnaces, 55 Wall, New York
N. J. Zinc Co. of Pa., Palmerton, Pa.
New Kensington Fibre Plaster Co., New Kensington, Pa.
New Kensington Stone Co., Wilkinsburg, Pa.
New Lexington Clay Mfg. Co., New Lexington, Ohio.
New Lexington Sand Co., New Lexington, Ohio.
New Lisbon Canning Co., New Lisbon, Ind.
New London Marine & Iron Wks., machsts. & fndrs., New London, Conn.
New London Motor Co., machsts., New London, Conn.
New London Ship & Engine Co., Diesel type heavy oil engine bldrs., Groton, Conn.
New London Vise Wks., New London, Conn.
New Machine Co., Danbury, Conn.
New Martinsville Glass Mfg. Co., table, New Martinsville, W. Va.
New Metal Tool Steel Co., case hardening compounds, Sebago Lake, Me.
New Metals & Process Co., Inc., lead smelters, Reading, Pa.
New Method Stove Co., Mansfield, Ohio.
New Mex. Coll. of Mec. Arts, State College, N. M.
New Mex. State School of Mines, Socorro, N. M.
New Mexican Printing Co., advtg. spec., Santa Fe, N. M.
New Milford Foundry & Machine Co., New Milford, Conn.
New Monarch Mach. & Stamping Co., Des Moines, Ia.
New Occidental Mill Co., buckwheat flour, Minneapolis, Minn.
New Orleans Acid & Fertilizer Co., Gretna, La.
New Orleans Boiler Wks., 643 Magazine, New Orleans, La.
New Orleans Butchers' Hide & Tallow Co. (Ltd.), New Orleans, La.
New Orleans Cornice Wks., Co., Cortez & Orleans, New Orleans, La.
New Orleans Dry Dock & Shipbuilding Co., machsts. & fndrs., Whitney-Central Bldg., New Orleans, La.
New Orleans Machine Works, 509 Conti, New Orleans, La.
New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La.
New Orleans Sash & Door Co., 826 Perdido, New Orleans, La.
New Orleans Trunk Co., 414 Carondelet, New Orleans, La.
New Philadelphia Const. Co., New Philadelphia, Ohio
New Phoenix Fdry. & Mach. Co., Springfield, Mo.
New Prague Flouring Mill Co., New Prague, Minn.
New Prague Foundry Co., New Prague, Minn.
New Process Cork Co., 1505 Garden, Hoboken, N. J.
New Process Fertilizer Co., Columbus, Ohio.
New Process Gas Mantle Co., 27 Bank, Philadelphia, Pa.
New Process Gear Corp., Syracuse, N. Y.
New Process Roofing & Sup. Co., acteylene gas generators, Dallas, Tex.
New Process Specialty Co., special tools, jigs & fixtures, 230 Hanover, Milwaukee, Wis. *See adv index at end of book*
New Process Stove Co., 4415 Perkins av., Cleveland, Ohio.
New Process Twist Drill Co., drill sockets, drills & reamers, Taunton, Mass.
New Process Vacuum Dry Kiln Co., 2011 E 18th, Kansas City, Mo.
New River Lumber Co., Union Trust Bldg., Cincinnati, Ohio.
New River Turpentine Co., Vilas, Fla.
New River Who. H'dwe Co., Hinton, W. Va.
New Riverside Ochre Co., clays, Cartersville, Ga.
New Roads Oil Mill & Mfg. Co., New Roads, La.
New Rochelle Coal & Lumber Co., masons' & bldrs.' matls., New Rochelle, N. Y.
New Spar Prod. Co., soap powders, Columbia & B. & O. R. R., Baltimore, Md.
New Specialty Mfg. Co., gasoline lighting systems, Council Bluffs, Ia.
New Speed Carburetor Co., San Francisco, Cal.
New Standard Hdwe. Wks., machsts. & fndrs., Mount Joy, Pa.
New State Sash & Door Co., Okla., Okla.
New Stone Canning Co., Fordland, Mo.
New Toy Co., 143 Bleecker, Newark, N. J.
New Trinidad Lake Asphalt Co., Land Title Bldg., Phila., Pa.
New Ulm Feed & Cereal Mill Co., New Ulm, Minn.
New Ulm Roller Mill Co., flour, New Ulm, Minn.
New Ulm Stone Co., New Ulm, Minn.
New Union Lumber Co., Linton, Ind.
New Wapakoneta Wheel Co., Wapakoneta, Ohio.
New Washington Brick Co., Wilkins Bldg., Washington, D. C.
New Way Knitting Co., sweaters, cardigans, Williamston, Mich.
New Way Motor Co., pumping engines, Lansing, Mich.
New Westerly Granite Co., Milford, N. H.
New Winona Mfg. Co., agricultural implements, Winona, Minn.
New Writerpress Co., addressing, duplicating & office printing machines, Shelton, Conn.
N. Y. Academy of Science, engng. schools & coll., 77th & Central Park West, New York
N. Y. Air Brake Co., mchsts. & fndrs., 165 B'way, New York.
N. Y. Architectural Terracotta Co., 401 Vernon av., Long Island City, N. Y.
N. Y. Asbestos Co., 203 Front, New York.
New York Auto Equipt. Co. Inc., curtain fasteners & auto tops, 355 W 52d, New York
N. Y. Ball Bearings Co., 317 W. 59th, New York.
N. Y. Batn Mfg. Co., 103 Chambers, New York.
N. Y. Bedding Co., mattresses, 96 Suffolk, New York
N. Y. Belting & Packing Co., billiard & pool table cushions, 91 Chambers, New York.
N. Y. Blank Book Co., r. r. stationery, 316 Hudson, New York.
N. Y. Blasting Supply Co., 11 Broadway, New York
N. Y. Blower Co., blowers, fans, forges, heating apparatus, etc., Archer av. & Canal, Chicago, Ill.
N. Y. Blue Print Paper Co., engineering & surveying instruments, 102 Reade, New York.
N. Y. Boat Oar Co., scoops, mast hoops, etc., 69 West, New York.
N. Y. Boston Bag Co., 56 Commercial Wharf, Boston, Mass.
N. Y. Brass Foundry Co., steam supplies mnfrs., 104 Centre, New York.
N. Y. Brass & Iron Works, mchsts & fndrs., Spokane, Wish.
N. Y. Brass & Wire Wks. Co., bank & office railings, 177 Grand, **New York.**
N. Y. & Brooklyn Casket Co., 703 Bedford av., Bklyn., N. Y.
N. Y. Buff Co., platers' supp., 202 Centre, New York
N. Y. Butchers' Dressed Meat Co., stearine & meat packers, 11th av. & 39th, New York.
N. Y. Button Works, 143 W. 19th, New York.
N. Y. Car Wheel Co., machsts. & fndrs., Buffalo, N. Y.
N. Y. Carbonate Co., 104th & Park av., New York.
N. Y. Carved Moulding Co., 3d av. & 139th, New York.
N. Y. Central Iron Works, steam heaters, Hagerstown, Md.
N. Y. Coil Co., 338 Pearl, New York.
N. Y. Consolidated Card Co., playing card mfrs., 4th & Webster avs., Long Island City, N. Y.
N. Y. Consolidated Slate Co., roofing slate, Poultney, Vt.
N. Y. Continental Jewell Filtration Co., filter systems, Nutley, N. J.
N. Y. Cordage Co., rope oakum, etc., 123 Front, New York
N. Y. Cornice Works, skylights, 230 E. 22d, New York.
N. Y. Cotton Batting Co., Lockport, N. Y.
N. Y. Couch Bed Co., hammock mfrs., 418 W. 25th, New York, & Meadow & Anable av, Long Island City, N. Y.
N. Y. Cut Stone Co., producers, workers & dealers, Walnut av. & 133d, New York.
N. Y. Die-White-Schroeder Co., 245 Center, New York.
N. Y. Dock Co., ft. Irving, Brooklyn, N. Y.
N. Y. Dry Dock & Repair Co., marine railways, Erie Basin, Brooklyn, N. Y.

N. Y. Elec. Controller Co., 35 Rose, New York.
N. Y. Elev. Co., 50 Grand, New York.
N. Y. Engine Co., 165 B'way, New York.
N. Y. Engng. Co., gold & tin dredges, drills, etc., 2 Rector, New York.
N. Y. Engravers Supp. Lamps, 230 W. 17th, New York.
N. Y. Feather Duster Co., 649 Broadway, New York.
N. Y. Flexible Metallic Hose & Tubing Co., 112 W 42d, New York.
N. Y. Flexible Wood Flooring Co., 112 W. 42d, New York.
N. Y. Fndry. Co., Pacific av., Jersey City, N. J.
N. Y. Gas Tubing Co., rubber goods, 95 Bank, New York.
N. Y. Gear Works, 56 Greenpoint av, Brooklyn, N. Y.
N. Y. Glass Knob Markt., 79 E. 130th, New York
N. Y. Hagerstown Metal Stamping Co., Hagerstown, Md.
N. Y. High Grade Button Works, 166 Geary, San Francisco, Cal.
N. Y. Independent Meat Co., packers, 12th av. & 131st, New York.
N. Y. Insulated Wire Co., rubber goods, 84 State, Boston, Mass.
N. Y. Iron Roofing & Corrugating Co., 94 1st, Jersey City, N. J.
N. Y. Iron & Steel Products Co., 143 Chambers, New York.
N. Y. Knife Co., cutlery mfrs., 225 5th av., New York.
N. Y. Knitting Mills, sweaters, bathing suits, etc., 141 Wooster, New York.
N. Y. Ladder Co., 384 Hudson, New York.
N. Y. Lap Robe Co., 219 Greene, New York.
N. Y. Lead Wool Co., 93 Nassau, New York.
N. Y. Leather Belting Co., strings & auto straps, 465 Kent, Brooklyn, N. Y.
N. Y. Lubricating Oil Co., 116 Broad, New York.
N. Y. Machinery Exchange, contractors' tools & supplies, 50 Church, New York.
N. Y. Mallet & Handle Works, mauls, chisels, etc., 743 E. 11th, New York.
N. Y. Marble & Granite Co., Gouverneur, N. Y.
N. Y. Mattress Co., 32 Green, Boston, Mass.
N. Y. Metal Ceiling Co., tile, signs, etc., 537 W. 24th, New York.
N. Y. Metal Edge Box Works, 212 Front, New York.
N. Y. Metallic Bedstead Co., 198 Pacific av., Jersey City, N. J.
N. Y. Mica & Mfg. Co., Auburn, N. Y.
N. Y. Mica Products Co., 68 Murray, New York.
N. Y. Mills, malt roasting, 458 Greenwich, New York.
N. Y. Mills Corp., cotton duck, New York Mills, N. Y.
N. Y. Motion Picture Corp., films, 1459 B'way, New York.
N. Y. Motor Works Co., Nutley, N. J.
N. Y. Multi-Color Cop'g Co., blue & black prints & papers, 25 Pearl, New York.
N. Y. Net & Twine Co., Moodus, Conn.
N. Y. & New England Cement & Lime Co., 30 Broad, New York.
N. Y.-New England Co., paper & pulp mills, Holyoke, Mass.
N. Y. & N. J. Chandelier Co., 512 Paterson Plank rd., Jersey City, N. J.
N. Y. & N. J. Lubricant Co., grease guns & syringes, 165 B'way, New York.
N. Y. Nickel Plating & Mfg. Co., supply pipes, 327 E. 63d, New York.
N. Y. Nov. Co., mchsts. & fndrs., 621 B'way, New York
N. Y. Oil Cabinet Co., 103 Walker, New York.
N. Y. Oilless Bearing Co., 126 Liberty, New York.
N. Y. & Penn. Co., envelope & express paper, 200 5th av, New York, & paper & pulp mills, Willsboro, N. Y.
N. Y. Phila. Coal & Coke Co., Produce Exchange, New York.
N. Y. Piano Hdwe. Co., 315 5th av, New York.
N. Y. Piano Stool & Mfg. Co., East Stroudsburg, Pa.
N. Y. Pneumatic Service Co., 15 W. 44th, New York.
N. Y. Pottery Co., flue linings & chimney tops, Fuller Bldg., New York.
N. Y. Purchasing Co., mill & facty. supplies, Syracuse, N. Y.
N. Y. Quebracho Extract Co., 80 Maiden la., New York.
N. Y. Queens Elec. Light & Power Co., 444 Jackson av, New York.
N. Y. Quinine & Chem. Works, 114 William, New York.
N. Y. Radiator Co., Utica, N. Y.
N. Y. Revolving Portable Elevator Co., Jersey City, N. J.
N. Y. Roll Wrapping Paper Co., twine holders, 84 Beekman, New York.
N. Y. Rubber Co., 84 Reade, New York.
N. Y. Rubber Disc Co., washers, 215 E. 98th, New York.
N. Y. Sand & Fac'g Co., 106 Grand av., Brooklyn, N. Y.
N. Y. Sewage Disposal Co., 37 E. 28th, New York.
N. Y. Shipbuilding Co., Camden, N. J.
N. Y. Silicate Book Slate Co., crayon mfrs., etc., 24 Vesey, New York.
N. Y. Slate Works, laundry tubs, sinks, trays, etc., 255 E. 138th, New York.
N. Y. Soap Works, 427 W. 13th, New York.
N. Y. Sporting Goods Co., 15 Warren, New York.
N. Y. Stamping Co., N. 11th & Berry, Brooklyn, N. Y.
N. Y. Standard Ash Can Mfg. Co., 60 Dobbin, New York.
N. Y. Standard Watch Works, counters, pole, 403 Communipaw av., Jersey City, N. J.
N. Y. State Sewer Pipe Co., Rochester, N. Y.
N. Y. Steel & Copper Plate Co., 30 Morton, Brooklyn, N. Y.
N. Y. Stencil Works, mach'y, 100 Nassau, New York.
N. Y. Store Fixture Co., 5 E. 137th, New York.
N. Y. Switch & Crossing Co., mchsts. & fndrs., Hoboken, N. J.
N. Y. Tassel & Cord Co., 35 Howard, New York.
N. Y. Trap Rock Co., crushed stone, 17 Battery pl., New York.
N. Y. University Engng. School & Coll., University Heights, New York.
N. Y. Veneer Seating Co., 171 Pacific av., Jersey City, N. J.
N. Y. Washer Works Co., 89 Morton, New York.
N. Y. Wheelbarrow Works, 180 West, New York.
N. Y. Wire Cloth Co., Woolworth Bldg., New York.
N. Y. Wire & Spring Co., 588 Washington, New York.
N. Y. Wood Working Corp., fixtures, carved mouldings, etc., 502 E. 19th, New York.
N. Y. Woven Label Mfg. Co., 1204 B'way, New York.
N. Y. Yacht, Launch & Engine Co., Morris Heights, N. Y.
Newala Lime Works, Newala, Ala.
Newall, Jos., & Co., granite, Westerly, R. I.
Newall Henry B., door hangers, 89 West, New York.
Newark Blue Stone Co., 120 Passaic, Newark, N. J.
Newark Boxboard Co., Blanchard, Newark, N. J.
Newark Brass Plate Engraving Co., 53 Lawrence, Newark, N. J
Newark Brush Co., 253 Mulberry, Newark, N. J.
Newark Brush & Scraper Co., 266 Fabyan pl., Newark, N. J.
Newark Casting Co., Newark, Ohio.
Newark Cork Products Co., 245 N. J. R. R. av., Newark, N. J.
Newark Cornice & Skylight Works, 9-15 17th av., Newark, N. J
Newark Cut Glass Co., 61 Arlington, Newark, N. J.
Newark Door Co., 221 Sussex av., Newark, N. J.
Newark Elmar A. & Co., advtg. spec., Charlotte, Mich.
Newark Fire Proof Sash & Door Co., laundry tray cover, 138 Avon av, Newark, N. J.
Newark Gas Engine & Mfg. Co., friction clutches, 479 Canal, New York, & 676 N. 6th, Newark, N. J.
Newark Gear Cutting Machine Co., 69 Prospect, Newark, N. J.
Newark Glass Co., 273 Market, Newark, N. J.
Newark Go-Cart Mfg. Co., 199 Washington, Newark, N. J.
Newark Hat Block & Mach. Co., 320 Ogden, Newark, N. J.
Newark Jewel Co., Newark, N. J.
Newark Knitting Wks., sweaters, etc., 587 S. 10th, Newark, N. J.
Newark Leather Goods Wks., 28 Division pl, Newark, N. J.
Newark Leather Machy. Co., 127 N. J. R. R. av, Newark, N. J.
Newark Mantel Co., 59 Poinier, Newark, N. J.
Newark Masons Contracting Co., 156 Ridge, Newark, N. J.
Newark Metal Co., scrap iron, Newark, N. J.
Newark Metal Treating Co., case hardening, Newark, N. J.
Newark Packing Co., meat, Newark, N. J.
Newark Paraffine & Parchment Paper Co., 90 West, New York.
Newark Paving Co., 133 1st, Newark, N. J.
Newark Plaster Co., ft. Bridge, Newark, N. J.
Newark Rivet Wks., 262 Lafayette, Newark, N. J.
Newark Sand Box Co., locomotive sanders, Newark, Ohio.
Newark Sand Co., ft Center, Newark, N. J.
Newark Second Hand Machy. Co., 99 Chestnut, Newark, N. J.
Newark Sheet Metal Co., Newark, N. J.
Newark Sign Co., 33 Treat Place, Newark, N. J.
Newark Soap Co., Newark, N. J.
Newark Spring Mattress Co., 220 B'way, New York, & 80 Madison, Newark, N. J.
Newark Stamping & Foundry Co., hose clamps, Newark, Ohio.
Newark Steel & Iron Wks., 12 Mercer, Newark, N. J.
Newark Tallow Co., soap, Newark, Ohio.
Newark Technical School, engng. school & coll., 367 High, Newark, N. J.
Newark Trunk Co., 11 W. 42d, New York.
Newark Tube & Metal Wks., 560 Ferry, Newark, N. J.
Newark Varnish Wks., 111 Delancey, Newark, N. J.
Newark Vegetable Ivory Button Co., 228 High, Newark, N. J.
Newark Weather Strip & Screen Co., 7 Nevada, Newark, N. J.
Newark Wire Cloth Co., 222-230 Verona av, Newark, N. J.
See adv index at end of book
Newaygo Portland Cement Co., Grand Rapids, Mich.
Newbern Iron Works & Supply Co., Newbern, N. C.
Newberry Cotton Mills, sheetings, Newberry, S. C.
Newberry & Foster, architects, Miners' Bk. Bldg., Wilkes-Barre, Pa.
Newberry Hardware Co., Alliance, Neb.
Newberry, Isaac, turpentine, Arlington, Ga.
Newberry Mach. & Motor Co., Newberry, Fla.
Newberry, Robt. Thorne, architect, 108 S. La Salle, Chicago, Ill.
Newberry S. W. contrs., Wilkes-Barre, Pa.
Newbold, R. S., & Son Co., machsts. & fndrs., Morristown, Pa.
Newborn, W. H., & Co., bottle mfrs., Royersford, Pa.
Newburg, Carl A., contractor, Ridgway, Pa.
Newburgh Brick & Clay Co., Engineers bldg., Cleveland, Ohio.
Newburgh Cornice Wks., galv. iron store fronts, Newburgh, N. Y.
Newburgh Lumber Co., Newburgh, N. Y.
Newburgh Planing Mill Co., Newburgh, N. Y.
Newburgh Shipyds., Inc., Newburgh, N. Y.
Newburgh Silk Co., umbrella cloth, Newburgh, N. Y.
Newbury, J. G., Iron Wks., machsts. & fndrs., Coxsackie, N. Y.
Newbury, J. H., machsts. & fndrs., Goshen, N. Y.
Newbury Mfg. Co., machsts. & fndrs., Monroe, N. Y.
Newburyport Counter Co., Newburyport, Mass.
Newby, C. H., brick, Lynnville, Ia.
Newby & Evans Co., pianos, So. blvd. near E. 136th, New York.
Newcastle Portland Cement Co., fire brick, New Castle, Pa.
Newcomb, E. A. P., architect, Honolulu, Hawaii.
Newcomb, F. H., employees' uniforms, 136 Flatbush av, Brooklyn, N. Y.
Newcomb, Geo. W., lbr. mfrs., Bridgton, Me.
Newcomb Loom Co., Davenport, Ia.

Newcombe, T. J., granite, Barre, Vt.
Newcomber, J. M., & Co., masons' & bldrs.' matls., Waynesboro, Pa.
Newcomer Coke Co., Uniontown, Pa.
Newcomer, John D., architect, Charleston, S. C.
Newell & Brother, soap, Army & San Bruno, San Fran., Cal.
Newell Bros., contractors, 1623 1st av, N., Birmingham, Ala.
Newell Coal & Lumber Co., masons' & bldrs.' matls., Pawtucket, R. I.
Newell, Frank V., architect, 14 E. Jackson blvd., Chicago, Ill.
Newell, Fred E., machsts., Central Falls, R. I.
Newell, H., & Co., masons' & bldrs.' matls., Shelburne Falls, Mass.
Newell & Knowlton, machsts. & fndrs., Peabody, Mass.
Newell L. B., cloth & metal signs, 170 Summer, Boston, Mass.
Newell Mfg. Co., machsts. & fndrs., Ogdensburg, N. Y.
Newell Mfg. Co., sugar cane shredders, mills, etc., 149 B'way, New York.
Newell Mill & Lumber Co., Seattle, Wash.
Newell-Putnam Mfg. Co., cloth covered buttons, Springfield, Mass.
Newell, T. D., contractor, Richmond, Va.
Newell, Walter, architect, Reynolds Bldg., Fort Worth, Tex.
Newell, Wm. B., contractor, Richmond, Va.
Newfield Silver Mfg. Co., electric auto lamps, State & Ash, Bridgeport, Conn.
Newfields Iron Fdy., Newfields, N. H.
Newgard, Hy., & Co., boxes, plugs, switchboards, etc., 947 Washington blvd., Chicago, Ill.
Newhall & Blevins, architects, 9 Park, Boston, Mass.
Newhall, Geo. M., paper & pulp mill architect, Com'l Trust Bldg., Philadelphia, Pa.
Newhall Chain, Forge & Iron Co., chain manfrs., 89 West, New York.
Newhall Engng. Co., 149 B'way, New York.
Newhall, Geo. M., Engng. Co., 149 B'way, New York.
Newhart & Newhart, contrs., Terre Haute, Ind.
Newhof, L., fertilizer mfrs., Albany, N. Y.
Newhouse & Co., advtg. nov., 127 N. Dearborn, Chicago, Ill.
Newhouse, Henry L., architect, 4630 Prairie av, Chicago, Ill.
Newichawanick Co., carriage robes, woolen blankets, South Berwick, Me.
Newington Naval Stores Co., turpentine, Newington, Ga.
Newkirk, Clement R., architect, Cutler Bldg., Rochester, N. Y.
Newkirk, Jno. B., & Co., scrap iron & steel, Harrison Bldg., Philadelphia, Pa.
Newland Hat Co., umbrella mfrs., 162 Jefferson av, Detroit, Mich.
Newlands Bros., machsts. & fndrs., 28th & A. V. Ry., Pittsburgh, Pa.
Newlin-Knight Hardware Co., 411 Commerce, Philadelphia, Pa.
Newlon Foundry & Machine Co., Grafton, W. Va.
Newman, A., machst. & fndr., Amber, N. Y.
Newman, A. J., stone producer, Shreveport, La.
Newman, Andrew, Co., wire drawing plates & dies, 26 Cortland, New York.
Newman Bros. Co., organs,. pianos, 806 Dix, Chicago, Ill.
Newman, C., Wire Co., 25 Church, New York.
Newman & Carey Sub. Constr. Co., 1228 Nostrand av, Brooklyn, N. Y.
Newman Clock Co., 565 Wash. blvd., Chicago, Ill.
Newman & Co., cornices, Ogden, Utah.
Newman, E. B., Charcoal Co., 548 W. 25th, New York.
Newman, E. W., flour mills, Ashland, Va.
Newman, Edgar M., architect, 30 N. La Salle, Chicago, Ill.
Newman Elec. Lamp Co., 717-21 Sycamore, Cincinnati, Ohio.
Newman, H. H., architect, Little Rock, Ark.
Newman & Harris, architects, 1123 B'way, New York.
Newman, J. J., Lbr. Co., Scranton, Pa.
Newman Mach. Co., wood planing machs., Greensboro, N. C.
Newman Mfg. Co., architectural & ornamental brass work, special machy, 717 Sycamore, Cincinnati, Ohio, & 68 W. Washington, Chicago, Ill. *See adv index at end of book*
Newman Mfg. Co., foot valves, 79 Barclay, New York.
Newman Thomas L., architect, 2236 Ellis av, New York.
Newman, W. A., architect, 7th & Mission, San Francisco, Cal.
Newman, W. H. H., & Co., tin plate, metals, etc., 70 Main, Buffalo, N. Y.
Newman, W. J., Co., contractors, 19 N. Curtis, Chicago, Ill.
Newmann, R. F., architect, 1123 E. Houston, San Antonio, Tex.
Newman's Akron Cement Co., 141 Erie, Buffalo, N. Y.
Newmarket Mfg. Co., cotton sheetings, Newmarket, N. H.
Newport Boiler Co., 105 S. Dearborn, Chicago, Ill.
Newport Chemical Works, Milwaukee, Wis.
Newport Constr. Co., Herkimer, N. Y.
Newport Culvert Co., Newport, Ky.
Newport Engng. Wks., Newport, R. I.
Newport Fdry. Co., Newport, Ky.
Newport Fdry. & Machine Co., mill & factory supp., Newport, Ark.
Newport Hydro Carbon Co., chemicals, Milwaukee, Wis.
Newport Lumber Co., Newport, Ark.
Newport Mill Co., flour, Newport, Tenn.
Newport Mining Co., iron ores, Milwaukee, Wis.
Newport News Shipbuilding & Dry Dock Co., steel cast'g, 233 B'way, New York.
Newport Novelty Mfg. Co., goggles, 28 Boerum, Brooklyn, N. Y.
Newport Pressed Brick & Stone Co., Newport, Ky.
Newport Rolling Mill Co., plain ridge roll, Newport, Ky.
Newport Sand Bank Co., Newport, Ky.
Newport Turpentine & Rosin Co., Milwaukee, Wis.
Newsom, Sidney B., & Noble, architect, Nevada Bk. Bldg., San Francisco, Cal.
Newsom, John Henry, architect, Williamson Bldg., Cleveland, O.
Newson, J. Cather, architect, 1422 B'way, Oakland, Cal.
Newson, Wm. A., contractor, Sharon Bldg., San Francisco, Cal.
Newth, N. J., Hardware Co., Ilion, N. Y.
Newton, A. C., brick, Crescent, N. Y.
Newton, A. E., & Co., oils & greases, 164 Prospect av, B'klyn, N. Y.
Newton, Albro J., Co., sash, door & blind mfrs., 528 Union, Brooklyn, N. Y.
Newton Arms Co., rifles, etc., 7 Brewster, Buffalo, N. Y.
Newton Automatic Shading Pen Co., Pontiac, Mich.
Newton, B. S., architect, 1125 Pleasant, Worcester, Mass.
Newton Beef Co., meat packers, 1075 14th av, Standish, Detroit, Mich.
Newton, C., stage lights & stereopticons, 305 W. 15th, New York
Newton Canning Co., Newton, Miss.
Newton Chemical Co., wood alcohol, Olean, N. Y.
Newton C. T., lamps, 305 W. 15th, New York.
Newton & Co., woolen flannels, Homer, N. Y.
Newton County Oil Co., Covington, Ga.
Newton, Edwin A., machsts. & fndrs., 310 N. 4th, Phila., Pa.
Newton Engineering Co., 185 Mason, Milwaukee, Wis.
Newton, F. C., sash, door & blind, 57 Bristol, Boston, Mass.
Newton Falls Mfg. Co., carpenters, etc., mallets, Newton Falls, Ohio.
Newton Falls Paper Co., Watertown, N. Y.
Newton, Geo. F., architect, 6 Beacon, Boston, Mass.
Newton & Haggerty Ladder Co., Ann Arbor, Mich.
Newton, James, print'g presses & mach'y, 116 Nassau, New York
Newton Line Co., fish line mfrs., Homer, N. Y.
Newton Louis Sheldon, architect, Hartford, Vt.
Newton Lumber Co., Newton, Kans.
Newton Lumber & Investment Co., Pueblo, Colo.
Newton Lumber & Mfg. Co., Colo. Springs, Colo.
Newton Machine Tool Works, Inc., 23rd & Vine, Philadelphia, Pa.
Newton Mfg. Co., packing mfrs., Worcester, Mass.
Newton Milling & Elevator Co., Newton, Kans.
Newton Oil Mill, fertilizer mfrs., Newton, Miss.
Newton Paper Co., Holyoke, Mass.
Newton Roller Mills, Newton, N. C.
Newton, Theo., & Co., contractors, Hartford, Conn.
Newton, W. A., & Co., contractors, Springfield, Mass.
Newton, W. H., & Son, carriage bodies, forgings, trunks, etc., Cortland, N. Y.
Newton, Weller & Wagner Co., whol. hdwe., San Antonio, Tex.
Newton's Cal. Fireworks Co., 249 Front, San Francisco, Cal.
Newtonsville Canning Co., Newtonsville, Ohio.
Ney, Albert, contractor, Dubuque, Ia.
Ney, J. M., Co., gold & silver alloys & solder, Hartford, Conn.
Ney Mfg. Co., agricultural implements, Canton, Ohio.
Niagara Alkali Co., nitric acid, chlorine, potash, etc., Niagara Falls, N. Y.
Niagara Auto Radiator Co., auto metal bodies, 151 W. 68th, New York.
Niagara Box Co., 820 S. Division, Buffalo, N. Y.
Niagara Brass Mfg. Co., 165 Adams, Buffalo, N. Y.
Niagara Cotton Batting Co., Lockport, N. Y.
Niagara Cut Glass Co., Buffalo, N. Y.
Niagara Devices. pneumatic painting machs., 128 Dearborn, Buffalo, N. Y.
Niagara Electro Chemical Co., Niagara Falls, N. Y.
Niagara Emery Mills, emery grains, 50 Broad, New York. *See adv index at end of book.*
Niagara Envelope Manufactory, Buffalo, N. Y.
Niagara Falls Builders' Supply Co., Niagara Falls, N. Y.
Niagara Falls Furnace Co., Niagara Falls, N. Y.
Niagara Falls Hair Cloth Wks., Niagara Falls, N. Y.
Niagara Falls Hardware & Supply Co., Niagara Falls, N. Y.
Niagara Falls Metal Stamping Wks., dog tags, chains, dies, signs, etc., Niagara Falls, N. Y.
Niagara Falls Milling Co., flour, Buffalo, N. Y.
Niagara Falls (Ont.) Gaskets & Packing Co., packing mfrs., Church & Fulton, New York. *See adv index at end of book.*
Niagara File & Rasp Co., Lockport, N. Y.
Niagara Fire Extinguisher Co., 209 S. La Salle, Chicago, Ill.
Niagara Fdry. Co., Niagara Falls, N. Y.
Niagara Gypsum Co., wall plaster mfrs., Buffalo, N. Y.
Niagara Hydraulic Engine Co., Chester, Pa.
Niagara Litho Co., signs, 1050 Niagara, Buffalo, N. Y.
Niagara Lubricator Co., oil pumps, Ellicott Sq, Buffalo, N. Y.
Niagara Machine & Tool Works, Buffalo, N. Y. *See adv index at end of book.*
Niagara Mfg. Co., battery holders, Holyoke, Mass.
Niagara Metal Weather Strip Co., 33 W. Tupper, Buffalo, N. Y.
Niagara Motor Boat Co., North Tonawanda, N. Y.
Niagara Motors Corp., machsts., Ellicott Sq, Buffalo, N. Y.
Niagara Musical Instrument Co., North Tonawanda, N. Y.
Niagara Paper Mills, Lockport, N. Y.
Niagara Radiator & Boiler Co., machsts. & fndrs., North Tonawanda, N. Y.
Niagara Refrigerator Works, 22 Randell, Buffalo, N. Y.

Niagara River Mfg. Co., paper & pulp mills, Niagara Falls, N. Y.
Niagara Screw Co., Buffalo, N. Y.
Niagara Searchlight Co., projectors, Niagara Falls, N. Y.
Niagara Silk Mills, knitted gloves, North Tonawanda, N. Y.
Niagara Smelting Corp., caustic soda, Niagara Falls, N. Y.
Niagara Sprayer Co., machsts., Middleport, N. Y.
Niagara Textile Co., huck towels, Lockport, N. Y.
Niagara Thread Co., Ontario & Janney, Philadelphia, Pa.
Nial Bros. Constr. Co., Troy, N. Y.
Niantic Menhaden Oil & Guano Co., fertilizer mfrs., South Lyme, Conn.
Niblock, F. C., masons' & bldrs' matls., Concord, N. C.
Nice Ball Bearing Co., Land Title Bldg., Philadelphia, Pa.
Nice, Eugene E., mfr. of paints, varnishes, stains & enamels, 268 S. 2nd, Phila., Pa. *See adv index at end of book.*
Nicetown Plate Washer Co., iron discs, 1324 Juniata, Nicetown, Philadelphia, Pa.
Nichol-Straight Fdy. Co., Chicago, Ill.
Nichol, Thos. J., & Co., steam fitters' supplies, Pearl & Ludlow, Cincinnati, Ohio
Nicholas, Frank J., contractor, Sullivan, Ind.
Nicholas H. R. & Co., contrs., Terre Haute, Ind.
Nicholas, L. V., Oil Co., Omaha, Neb.
Nicholas Power Co., moving picture machines, 90 Gold, New York.
Nicholas & Stephenson, machsts. & fdrs., 208 Summer, Boston, Mass.
Nicholls Mfg. Co., machsts. & fndrs.—carpenters' squares, Ottumwa, Iowa.
Nicholls, Wm. H. Co., molding machines, 2 College pl, Brooklyn, N Y
Nicholls, Wm. R., contractor chsn., Boston, Mass.
Nichols, A. W., wood handles, Alba, Mich.
Nichols, Arthur R., landscape architect, Palace Bldg., Minneapolis, Minn.
Nichols Bros., knives, cleavers & steel mfrs., Greenfield, Mass.
Nichols Bros. lbr., Norfolk, Va.
Nichols Chisholm, lbr., Minneapolis, Minn.
Nichols, C. M., cleaners—gun, Beaumont, Tex.
Nichols Contracting Co., Atlanta, Ga.
Nichols Copper Co., refiners & smelters, 25 Broad, New York.
Nichols & Cox Lbr. Co., Grand Rapids, Mich.
Nichols, D. M., Iron Wks., mchsts. & fndrs., 2 Gouvernor pl, New York.
Nichols, Dean & Gregg, whol. hdwe., 8th & Sibley, St. Paul, Minn.
Nichols, Dennis, architect, Vancouver, Wash
Nichols, E. M., htg. contrs., 212 W. Washington sq, Philadelphia, Pa.
Nichols, Edward, architect, 70 Kilby, Boston, Mass.
Nichols Gas Fixture Mfg. Co., 1100 Myrtle av, Bklyn, N. Y.
Nichols, Geo., architect, 34 Lynwood pl, New Haven, Conn.
Nichols, Geo. P., & Bro., turntable tractors & transfer tables, Old Colony Bldg., Chicago, Ill
Nichols, H. D., contractor, 1381 Stevenson, San Francisco, Cal.
Nichols, J. B., & Son, fertilizer mfrs., 9 E. Camden, Baltimore, Md.
Nichols, J. M., brick, common, Dyersburg, Tenn.
Nichols, J. M., & Co., contractors, Tacoma, Wash.
Nichols, J. S., brick, Columbus, Neb.
Nichols, John Lincoln, architect, Bloomington, Ind.
Nichols & Lindeman, contractors, Norfolk, Va.
Nichols Lintern Co., signals & resistance units, 8404 Lorain av, Cleveland, Ohio.
Nichols, Martin S., contractor, Atlantic City, N. J.
Nichols, N. J., Co., leather boards, South Coventry, Conn.
Nichols Read Co., masons' & bldrs.' matls., Bath, Me.
Nichols & Shepard Co., agricultural implements, Battle Creek, Mich.
Nichols & Stone Co., combination step ladder chairs, Gardner, Mass.
Nichols, W. H., architect, 120 Tremont, Boston, Mass.
Nichols, W. H., watchmakers' machy., typewriter parts, etc., Waltham, Mass.
Nichols, Wm. C., architect, Oxford Bldg., Washington, D. C.
Nichols Wire Co., 21st. & Baltimore, Kansas City, Mo.
Nichols & Wright Motor Co., elec. light plants, 28 Parkridge av, Buffalo, N. Y.
Nicholson, Aaron, machsts., Albany, N. Y.
Nicholson Brick Co., Steubenville, Ohio.
Nicholson Bros., brick, Dutchess Junction, N. Y.
Nicholson & Co., crane chains, Rankin, Pa.
Nicholson File Co., steel file & rasp mfrs., 23 Acorn, Providence, R. I. *See adv. index ata end of book.*
Nicholson, G. G., brick, What Cheer, La.
Nicholson & Galloway, cornices & skylights, 646 Hudson, New York.
Nicholson, J. B., architect, Wright & Callender Bldg., Los Angeles, Cal.
Nicholson, John G., sash, door & blind, New Bedford, Mass.
Nicholson, Jos., & Son, contractors, 101 Tremont, Boston, Mass.
Nicholson Ship Log & Realty Co., 409 Superior, N. W., Cleveland, Ohio.
Nicholson, W. H., & Co., compression couplings, exp. mandrels, steam traps, etc., Wilkes-Barre, Pa.
Nichthauser & Levy, tinware mfrs., 252 Java, Bklyn, N. Y.
Nickel, Adolph, Mfg. Co., buffing wheels, 715 Sycamore, Cincinnati, Ohio.
Nickel, Chas., mach. & fdr., Hebron, Neb
Nickel, F. J. & Son, machsts., Holt, Mich.
Nickel Hardware & Supply Co., Wausau, Wis
Nickel, J. H., contractor, Exchange Bank Bldg., St. Paul, Minn.
Nickel-Lyneis Construction Co., Fond du Lac, Wis.
Nickel Plate Stove Polish Co., 362 E. Illinois, Chicago, Ill.
Nickel, R. A., architect, 523½ S. Main, Butte, Mont.
Nickells, C. C., flour mills, Nickells Mills, W. Va.
Nickels, Frank V., architect, Rl. Est. Tr. Bldg., Philadelphia, Pa.
Nickelsburg Bros. Co., harness leather, Meadow, Newark, N. J.
Nickerson, Levi, Co., oiled clothing, Gloucester, Mass.
Nickerson Mfg. Co., porch & interior columns, Knoxville, Tenn.
Nickerson, Wallace F., granite producers, Lanesville, Mass.
Nickey, F. P., Hardware Co., cornices & skylights, Santa Ana, Cal.
Nicklas, Wm. H., architect, 1900 Euclid av, Cleveland, O.
Nickless, W. H., lbr. mfrs., Bay City, Mich.
Nickson & Duggan, contractors, Bailey Bldg., Philadelphia, Pa.
Nico Varnish Co., Chelsea, Mass.
Nicol, Chas. W., architect, Lafayette, Ind.
Nicol & Co., hdwe. mfrs. specialties, 218 N. Jefferson, Chicago, Ill.
Nicol, J. M. & J. S., color mfrs. & importrs, Hawthorne, N. J.
Nicol, Langford & Johnston, contractors, Louisville, Ky.
Nicola Building Co., Lambert & Penn av, Pittsburgh, Pa.
Nicola Lumber Co., Farmers' Bank Bldg., Pittsburgh, Pa
Nicola, Stone & Myers Co., lumber, Swetland Bldg., Cleveland, O.
Nicolai-Neppach Co., sashes, doors & blinds, Portland, Ore.
Nicollet Sash & Door Co., 2900 Nicollet av, Minneapolis, Minn.
Nicolette Lumber Co., Nicolette, W. Va.
Nicoll's Granite Wks., S. Quincy, Quincy, Mass.
Nicols, Dean & Gregg, wholesale hardware, 8th & Sibley, St. Paul, Minn.
Nicotine Mfg. Co., insecticides, 117 N. Main, St. Louis, Mo.
Niebling, F. W., Co., ice & refrigerating machs., Norwood, Highland av, Cincinnati, Ohio.
Niederer, J., Co., bank & office railings, Los Angeles, Cal.
Niederhaus, Fred., fertilizer, Staser, Ind
Niederhauser, C. P., architct, St. James Bldg., Jacksonville, Fla.
Niederhut Carriage Co., Denver, Colo
Niedermeier, Henry, contractor, Youngstown, O.
Niedner's, Chas., Sons Co., hose, Malden, Mass.
Niedringhaus, Chas., House Furnishing Co., mattresses, 1003 Franklin av, St. Louis, Mo.
Niehaus, E. F., & Co., lumber, 564 Brannan, San Francisco, Cal.
Niehaus, Jos., Co., chamois importers, 341 W. 4th, Cincinnati, O.
Niehoff, Paul G., & Co., platinum, 350 N. Clark, Chicago, Ill.
Niehus, Gustave A., architect, Callahan Blk., Dayton, Ohio.
Nielsen, C. A., Coal Co., masons' & bldrs.' matls., Sandusky, O.
Nielsen, Carl, architect, 154 W. Randolph, Chicago, Ill.
Niemann & Huronymus, agrl. implts., Mount Olive, Ill.
Nielsen, N. P., architect, 810 W. 7th, Topeka, Kans.
Nielsen, S. N., & Co., contractors, 3059 Augusta, Chicago, Ill.
Nielson, Anton E., machsts. & fndrs., 78 Barclay, New York.
Nielson-Burton Chuck Co., "Eclipse" drill chucks, 106 S. Jefferson, Chicago, Ill. *See adv. index at end of book.*
Niemann Bros., poultry coops, Mt. Olive, Ill.
Niemes, Hy., heating contr., 4112 Hamilton av, Cincinnati, Ohio.
Niemeyer, W. H., & Co., patterns, Bush & Severn, Baltimore, Md.
Niemz, Arthur R., contractor, 847 Bradley pl, Chicago, Ill.
Niessen Bros. & Co., cabinet hdwe. mfrs., 3153 Army, San Francisco, Cal.
Niewenhous, S., Inc., contractor, 412 8th av, New York.
Niggel's, J., Son, masons' & bldrs.' matls., Butler, Pa.
Nigh Lumber Co., Ironton, Ohio.
Nigh, S. H., & Bro., lumber, Catlettsburg, Ky.
Night Commander Lighting Co., gas machines (acetylene), Jackson, Mich.
Nightingale & Childs Co., mill & facty. supplies, 205 Congress, Boston, Mass.
Nightingale Co., garbage disposal plants, etc., 103 Park av, New York.
Nightingale, J. E., machsts., Danvers, Mass
Nightingale-Morse Mills, cotton sheetings, Putnam, Conn.
Nikolas, G. J., & Co., lacquer & varnish mfrs., 1227 W. Van Buren, Chicago, Ill.
Niksah Snow Guard Co., roofing cements, 5 Mt. Pleasant, Worcester, Mass.
Nikulas, Herman, soap, Republic, Mich.
Niland, J. J., Co., cut glassware, Meriden, Conn.
Niles-Bement-Pond Co., machinery manfrs., 111 Broadway, New York.
Niles Board & Paper Co., Niles, Mich.
Niles Corrugating Co., iron mfrs., Niles, Ohio.
Niles, F. H., & Co., Inc., machy. dlrs., 233 B'way, New York.
Niles Fire Brick Co., Niles, Ohio.
Niles Forge & Mfg. Co., forgings, steel plate & structural wk., etc., Niles, Ohio.
Niles Iron & Steel Roofing Co., Niles, Ohio.
Niles Mfg. Co., hdwe. mfrs., 216 S. Jefferson, Chicago, Ill.
Niles Mine & Mill Supply Co., cars, scrapers, wagons, etc., Cleveland, Ohio.
Niles Mine & Mill Supply Co., mchsts. & fndrs., Niles, Ohio.
Niles Mine & Supply Co., incline drums, wheels, etc., Citizens Bldg., Cleveland, Ohio.
Niles Sand Gravel & Rock Co., 704 Market, San Francisco, Cal.
Niles Steel Tank Co., Niles, Mich.

Niles & Scott Co., machsts., La Porte, Ind.
Niles Tool Works Co., Hamilton, Ohio.
Nill, Thos. A., cornices & skylights, Monroeville, Ind.
Niloak Pottery, Benton, Ark.
Nilson, A. H., Machine Co., corset, wire forming & stationary machinery, etc., Bridgeport, Conn.
Nilson Bros., htg. contrs., 3222 N. Halsted, Chicago, Ill.
Nilson Farm Machine Co., 426 Wash. Av., N., Minneapolis, Minn.
Nilson & Kelez Shipbldg. Corp., Seattle, Wash.
Nilson-Miller Co., machsts., Hoboken, N. J.
Nilson, Olaf, contractor, 1966 4th, E., Salt Lake City, Utah.
Nilson & Smith Co., contractors, Great Falls, Mont.
Nimmo Fence & Wire Wks. Co., Dana av & C. L. & N. R. R., Evan, Cincinnati,, Ohio.
Nimmo, Geo., contractor, 634 Clay, San Francisco, Cal.
Nimmons, Geo. C., architect, 122 S. Michigan av, Chicago, Ill.
Nimmons & Nimmons, masons' & bldrs.' matls., Plymouth, O.
Nimmons, W. P., fertilizer mfrs., Seneca, S. C.
Nims Mfg. Co., cords, Mt. Holly, N. C.
Nims, Whitney, & Co., plate & window glass, & sash, door & blinds mfrs., Keene, N. H.
Nineteen Hundred Washer Co., clothes washing machs., Binghamton, N. Y.
Ninety-Six Cotton Mill, cotton sheetings, Ninety-Six, S. C.
Nippell, Max, architect, Fort Dodge, Ia.
Nippon Lumber Co., Alpine, Wash.
Nirdinger, Max, architect, Fidelity Bldg., Pittsburgh, Pa.
Nisbet, Brown & Dunwody, architects, Macon, Ga.
Nisen, Michael, & Sons, common brick, Union Grove, Wis.
Nissen, Geo. E., & Co., barrows, Winston-Salem, N. C.
Niswander, G. W., & Co., masons' & bldrs.' matls.—who. hdwe., Parkersburg, W. Va.
Nitchie, John E., architect, 61 Park row, New York.
Nitrate Agencies Co., potash, kainit, etc., 102 Pearl, New York.
Nitrated Chemicals Co., Inc., Lorain, Ohio.
Nitro Powder Co., Kingston, New York.
Nitrogen Elec. Co., 36 Spring, Newark. N. J.
Nitrogenous Chemical Corp., West End Trust Bldg., Philadelphia, Pa.
Nittinger, Aug., Sr., butchers' knives, 826 N. 4th, Philadelphia, Pa.
Nittinger, S., pianos, 1204 N. 5th, Philadelphia, Pa.
Nitz & Darkow, machinists & founders, Akron, O.
Niver Iron Works Co., Muscatine, Ia.
Nivision-Weiskopf Co., corr. paper, glass bottles, etc., 318 Elm, Cincinnati, Ohio.
Nixa Canning Co., Nixa, Mo.
Nixdorff-Krein Mfg. Co., hdwe. mfrs., 900 Howard, St. Louis, Mo.
Nixon & Costello Co., corr. bottle wrappers, Dayton, Ohio.
Nixon & Glascoff, machsts. & fndrs., Albion, Mich.
Nixon Mfg. Co., cotton sheetings, Augusta, Ga.
Nixon, Martin, & Wm. H., Paper Co., 1011 Chestnut, Phila., Pa.
Nixon Mining Drill Co., Chattanooga, Tenn.
Nixon Nitration Works, powder, etc., New Brunswick, N. J.
Nixon-Smith Construction Co., Montgomery, Ala.
Nixon-Smith Hardware Co., Rome, Ga.
No-Dust Drying Machine Co., metal drying and polishing machines, & mechanical dust collectors, mfrs., 157 Dorrance, Providence, R. I.
Nobbe, Fred G., architect, 142 Market, Newark, N. J.
Nobbe, Kaphan, Co., bags & suit cases, 301 Market, Newark, N. J.
Noble, A., canned goods, Preston, Md.
Noble Brick Co., Glenwood, Ohio.
Noble, Chas. H., corn brooms, Thompsonville, Conn.
Noble, Chas. W., steel struct. work, La Crosse, Wis.
Noble, Clinton, architect, 67 Milk, Boston, Mass.
Noble & Cooley Co., nov. toys & games, Granville, Mass.
Noble County Canning Co., Lisbon, Ind.
Noble, E. L., lumber, Mesopotamia, Ohio.
Noble, E. M., & Co., cornices, 108 S. Desplaines, Chicago, Ill.
Noble Electric Steel Co., 995 Market, San Francisco, Cal.
Noble, F. H., & Co., advertising novelties, 555 W. 59th, Chicago, Ill.
Noble, H., Co., plastic slate roofers, 623 S. Caroline, Baltimore, Md.
Noble, H. H., masons' & bldrs.' matls., Gouverneur, N. Y.
Noble, Hy. A., Co., patterns & models, sewage disposal outfits, 203 Dock, Philadelphia, Pa.
Noble & Hunt, machsts., 359 Mulberry, Newark, N. J.
Noble Machine Co., Ft. Wayne, Ind.
Noble Motor Truck Co., Kendallville, Ind.
Noble, R. E., & Co., inspecting engrs., 785 Market, San Francisco, Cal.
Noble, R. F., & Co., canned goods, Cannon, Del.
Noble, Sidney A., contractor, Rockville, Ind.
Noble & Westerbrook Mfg. Co., marking, grinding & polishing machine mfrs., 19 Asylum, Hartford, Conn.
See adv. index at end of book.
Noble, Wm. K., cooperage stock, Ft. Wayne, Ind.
Noble & Wood Mach. Co., mchsts. & fndrs., Hoosick Falls, N. Y.
Nobles, R. E., & Son, lumber, Pensacola, Fla.
Noblit Bros. & Co., wholesale hardware, 222 S. 2d, Phila., Pa.
Nobs. Chas., & Son, screw mach. products, 156 Astor, Newark, N. J.
Noceti, Louis, contractor, Winthrop, Mass.
Nock, E. Withereda, architect, 6012 Market, Philadelphia, Pa.
Nock, F. S., naval architect & machst., East Greenwich, R. I.
Nock & Garside Elevator Co., Denver, Colo.
Nock, Geo. W., Co., hdwe. mfrs., 126 N. 4th, Philadelphia, Pa.
Nock, W. S., lumber, Hallwood, Va.
Noe, C., ale & beer pumps, 492 E. 167th, New York.
Noe, G. D., Harness Co., Minneapolis, Minn.
Noe, Nicholas, contractor, Lombard Bldg., Indianapolis, Ind.
Noe-Wadlow Co., archl. iron, 1026 Ridge av, Philadelphia, Pa.
Noe, Wm. R., & Sons, portables, 53 W. 21st, New York.
Noecker & Ake Shipbuilding Co., Camden, N. J.
Noel, R. E., stone producer, Hinton, W. Va.
Noell, J. A., canned goods, Bedford, Va.
Noera Mfg. Co., hdwe. mfrs., oilers, pumps, etc., Waterbury, Conn.
Noesting Pin Ticket Co., Mount Vernon, N. Y.
Nofftz, R. T., contractor, Champaign, Ill.
No-Filler Fertz. Co., Orangeburg, S. C.
Nofsinger, M. P., canned goods, Fincastle, Va.
Nohsey & Schwab, cornices & skylights, Memphis, Tenn.
Noiseless Typewriter Co., Middletown, Conn.
Nolan & Blen, vehicle washers, 59 Cambridge, Boston, Mass.
Nolan Bros., contractors, Chester & Reading, Pa., & Johnstown, N. Y.
Nolan, E. A., architect, Miami, Fla.
Nolan, Jas. H., Sons Co., stone producers, Bloomington, Ind.
Nolan, John F., architect, 47 W. 236th, New York.
Nolan, John H., Constr. Co., 1413 G, N. W., Washington, D. C.
Nolan & Johnson, contractors, Crawfordsville, Ind.
Nolan, Thomas, architect, University of Penn., Phila., Pa.
Nolan, Thos. J., architect, Courier-Journal Bldg., Louisville, Ky.
Nolan & Torre, architects, Hennen Bldg., New Orleans, La.
Nolan, Wm., Co., machinists, Lockport, N. Y.
Nolanad, Wm. C., architect, Beaver Dam, Va.
Noland & Baskervill, architects, Travelers Bldg., Richmond, Va.
Noland, L. C., cornices, Boone, Ia.
Nold, C. H., Lumber Co., St. Joseph, Mo.
No Leak Paper Dish Co., Wheeling, W. Va.
Nolen, John, landscape architect, Cambridge, Mass.
Nolin Milling Co., flour, Nolin, Ky.
Noll Bros., agrl. machy. & hdwe., 849 Allis, Milwaukee, Wis.
Noll Bros. & Smith, bowls, lawn swings, Bausman, Pa.
Noll Constr. Co., Chattanooga, Tenn.
Noll, E. P., & Co., maps, 21 N. 7th, Philadelphia, Pa.
Noll, Geo. H., clothes line fasteners, 27 Crescent, Brooklyn, N. Y.
Noll, J. F., & Co., fertilizer mfrs., 115 Mulberry, Newark, N. J.
Nollau & Wolff Mfg. Co., sash, door & blind mfrs., 1711 Fullerton av, Chicago, Ill.
Nolte, Adolph, car wheel presses, Rochester, N. Y.
Nolte Brass Co., founders, Springfield, Ohio.
Nolte Brass Co., valve mfrs. for steam, gas & water, Springfield, Mass.
Nolte, Edw. F. & Fred R., architects, Fullerton Bldg., St. Louis, Mo.
Nolte & Nauman, architects, Fullerton Bldg., St. Louis, Mo.
Nolting, Wm. C., architect, Keyser Bldg., Baltimore, Md.
Nolty, Hy., Jr., carriages, Lancaster, Pa.
Nolu Oilless Bearing Co., shaft bearing, 6 E. Johnson, Germantown, Philadelphia, Pa.
No-Mar Mfg. Co., cloth mops, Cleveland, Ohio.
Nomini Packing & Mfg. Co., canned goods, Montrose, Va.
Nominy Grove Canning Co., Nominy Grove, Va.
Non-Metallic Oilless Bearing Co. of Mass., Newtonville, Mass.
Non-Smut Carbon Mfg. Co., Rochester, N. Y.
Nona Mills Co., Ltd., lumber, Beaumont, Tex.
Nonantum Coal Co., masons' & bldrs.' matls., Newtonville, Mass.
Nonotuck Silk Co., Florence, Mass.
Nonpareil Mfg. Co., auto. truck trailers, Cochranton, Pa.
Nonpareil Skylight Co., skylights puttyless, 2611 Penna. av. N. W., Washington, D. C.
Noon Bag Co., tents, Portland, Ore.
Noon, E., & Son, bathing suit mfrs., 4019 Gtn. av, Phila., Pa.
Noonan, A. S., Tool & Mach. Wks., Rome, N. Y.
Noonan, Fred'k, architect, 752 S. B'way, Los Angeles, Cal.
Noone's, Jos., Sons Co., blankets, printers' & lithographers', Peterboro, N. H.
Nooter, Jno., Boiler Wks. Co., 1400 S. 2d, St. Louis, Mo.
Nopack Brass Mfg. Co., compression & basin cocks, Du Bois, Pa.
Norbeck & Nicholson Co., machsts. & fndrs., Redfield, S. D.
Norbom Engng. Co., machsts., Denckla Bldg., Philadelphia, Pa.
Norby & With, cornices & skylights, Port Townsend, Wash.
Norcross Bros. Co., general building construction, 10 E. Worcester, Worcester, Mass.
Norcross, C. S., & Sons, agrl. implts., Bushnell, Ill.
Norcross, F. A., architect, 46 Cornhill, Boston, Mass.
Norcross, J. J., contractor, Burlington, N. J.
Norcross Marble Co., Harvard & Jenning rd, Cleveland, Ohio.
Norcross, W. C., Co., masons' & bldrs.' matls., 486 Albany, Boston, Mass.
Nordberg Mfg. Co., hoisting engines, Chicago & Oklahoma, Milwaukee, Wis.
Nord-Buffum Pearl Button Co., Louisiana, Mo.
Nordeen, H. G., gray iron castings, fittings, inlets, posts, etc., Everett, Wash.
Norden, A., & Co., importers of antimony & oils, Cotton Exch. Bldg., New York.
Norden, Andrew B., architect, Napanoch, N. Y.
Norden Elec. Sign Co., elec. carriage calls, 311 W. 40th, New York.

Norden, J., cornices, Mount Vernon, N. Y.
Nordheim, Henry, architect, 1087 Tremont av, New York.
Nordin, August, architect, Mills Bldg., San Francisco, Cal.
Nording, F. George, contractor, 1403 Boston av, Bridgeport, Conn.
Nordone, Frank, contractor, Mount Vernon, N. Y.
Nordquist & Nelson, sash, door & blind, Seattle, Wash.
Nordyke & Marmon Co., mill & facty. supplies, agricultural implements & auto. bldrs., 1290 Kentucky av, Indianapolis, Ind.
Nore, J. A., architect, Dunmore, W. Va.
Norfleet Hardware Co., Winston-Salem, N. C.
Norfolk Bed Mfg. Co., mattresses, Norfolk, Va.
Norfolk Cereal & Flour Mills, Norfolk, Neb.
Norfolk Collar Pad Co., Norfolk, Va.
Norfolk Creosoting Co., underground conduits, Norfolk, Va.
Norfolk Dredging Co., 217 Water, Norfolk, Va.
Norfolk Granite Co., Quincy, Mass.
Norfolk Hardening Works, Inc., case hardening, 30 Federal, Boston, Mass.
Norfolk Hdwe. Co., 115 Washington, Norfolk, Va.
Norfolk Iron Co., Quincy, Mass.
Norfolk Iron & Wire Works, iron works, Norfolk, Va.
Norfolk Mfg. Co., steel clamps, Norfolk, Conn.
Norfolk Mattress Co., mattress mfrs., Norfolk, Va.
Norfolk Oil Wks., paints, Norfolk, Neb.
Norfolk Packing Co., Norfolk, Neb.
Norfolk Varnish Co., Norfolk Downs, Mass.
Norfolk Veneer Co., packing box mfrs., Norfolk, Va.
Norgaard, C. C., contractor, Council Bluffs, Ia.
Norlander, Fred Co., contractor, Am. Nat. Bk. Bldg., St. Paul, Minn.
Norma (The) Co. of America, steel balls & bearings, 1790 Broadway, New York. *See adv. index at end of book.*
Normalair Co., tex. machy., air moistening apparatus, Winston-Salem, N. C.
Norman, Andrew E., architect, 1526 Devon av, Chicago, Ill.
Norman Bros., turpentine, Norman Park, Ga.
Norman Buggy Co., Griffin, Ga.
Norman, C. Erwin, & Co., mill & facty. supplies, 18 W. Kinzie, Chicago, Ill.
Norman Lbr. Co., Louisville, Ky.
Norman, M. D. & J. T., turpentine, Norman Park, Ga.
Norman Milling & Grain Co., flour, Norman, Okla.
Norman, N., contractor, Mohawk Bldg., Spokane, Wash.
Norman, R. L., turpentine, Norman Park, Ga.
Norman Section, Inc., metal clad doors & cornices, Winfield, Long Island City, N. Y.
Norman Slate Picker Co., machsts., Nanticoke, Pa.
Norman, U. G., contractor, Champaign, Ill.
Norman, W. F., Sheet Metal Mfg. Co., wall ties, Nevada, Mo.
Norman, Wm., Co., hosiery, 1832 Ogden av, Chicago, Ill.
Normile, Simon, contractor, Seattle, Wash.
Norrie Brass Fdry., Detroit, Mich.
Norris Bros., oil & gas well supplies, etc., Robinson, Ill. *See adv. index at end of book.*
Norris Bros., textile machy., supplies, Greenville, S. C.
Norris Cotton Mills Co., cotton sheetings, Catuchee, S. C.
Norris, D. M., & Son, mill & facty. supplies, Kankakee, Ill.
Norris Elec. Spec. Co., wire pullers, cable grips, etc., 38 Park Row, New York.
Norris, F. Edgar, architect, 12 West, Boston, Mass.
Norris, J. F., masons' & bldrs'. matls., Warrenton, Ga.
Norris, J. T., canned goods, Van Bibber, Md.
Norris, Lemuel, architect, 1441 U, N. W., Washington, D. C.
Norris, R. H., Hardware Co., Childress, Tex.
Norris, R. W., & Sons, whol. hdwe., 342 N. Gay, Baltimore, Md.
Norris, Robert O., flour mills, Lively, Va.
Norris Safe & Lock Co., fire & burglar proof, Seattle, Wash.
Norris, W. C., machinist, Tiona, Pa.
Norris, W. H., Lbr. Co., Houston, Tex.
Norris, Wm. H., & Sons, soap, Chelsea, Mass.
Norristown Brick Co., Norristown, Pa.
Norristown Iron & Steel Co., scrap iron, Norristown, Pa.
Norristown Magnesia & Asbestos Co., Norristown, Pa.
Norristown Varnish Co. (Ltd.), Norristown, Pa.
Norse Pottery Co., Rockford, Ill.
North, Aaron E., machinist, West Rutland, Vt.
North Alaska Salmon Co., canned goods, San Francisco, Cal.
North American Accident Insurance Co., 209 S. La Salle, Chicago, Ill.
North American Chemical Co., potash, salt mfrs., etc., Bay City, Mich.
North American Chemical & Engineering Co., 23 Old Slip, New York.
North American Construction Co., Bay City, Mich.
North American Copper Co., rds. sheets tubing, lead, wire alloys, etc., 52 Vanderbilt av, New York.
North American Dredging Co., Central Bldg., Los Angeles, & Mer. Exch. Bldg., San Francisco, Cal.
North American Handle Co., hickory handles, Fort Hill sq., Boston, Mass.
North American Knitting Mills, sweaters, cardigans, etc., 740 Flushing av, Brooklyn, N. Y.
North American Mercantile Co., rice mill, 330 Front, San Francisco, Cal.
North American Motors Co., automobile engines, Pottstown, Pa.
North American Railway Construction Co., 53 W. Jackson blvd., Chicago, Ill.
North American Slide Co., 122 N. 13th, Philadelphia, Pa.
North American Smelting Co., Philadelphia, Pa.
North American Tuna Canning Co., Terminal, Cal.
North American Watch Co., Mansfield, Ohio.
North Augusta Warehouse & Fertilizer Co., North Augusta, S. C.
North Baltimore Bottle Glass Co., Terre Haute, Ind.
North Bangor Slate Co., Bangor, Pa.
North Barre Granite Co., Barre, Vt.
North Bend Fire Brick Co., Gleasonton, Pa.
North Bend Iron Wks., North Bend, Ore.
North Berwick Co., woolen flannels, North Berwick, Me.
North Birmingham Fire Brick & Proofing Co., hollow bldg. blocks, Birmingham, Ala.
North Bradshaw Co., contractors, Jackson, Mich.
North Branch Flooring Co., 2415 Barry av, Chicago, Ill.
North Branch Milling Co., flour, North Branch, Minn.
North Bridge Brush Co., sanitary brushes, all kinds, Freeport, Ill.
North Bros. Mfg. Co., hardware specialties & tools, Phila., Pa.
North Buffalo Hdwe. Fndry. Co., 743 Hertel av, Buffalo, N. Y.
North Carolina College of Agricultural & Mechanical Art, Mount Pleasant, N. C.
North Carolina Coll. of Mech. Arts., engng. schools & coll., Raleigh, N. C.
North Carolina Granite Corp., Mount Airy, N. C.
North Carolina Mica Co., 80 North, Boston, Mass.
North Carolina Talc & Mining Co., crayons, Hewitts, N. C.
North Carolina Wheel Co., High Point, N. C.
N. C. & St. L. Ry, machsts. & fndrs., Nashville, Tenn.
North Chelmsford Machine & Supply Co., mill & facty. supplies, North Chelmsford, Mass.
North Chicago Brass Wks., North Chicago, Ill.
North Chicago Machine Co., North Chicago, Ill.
North Chicago Roofing Co., felts, 851 W. North av, Chicago, Ill.
North Coast Dry Kiln Co., Seattle, Wash.
North Coast Lumber Co., 1040 Lbr. Exch., Minneapolis, Minn.
North Dakota Harness Co., Fargo, N. D.
North Dakota Metal Culvert Co., Fargo, N. D.
North Dakota State School of Science, engng. schools & coll., Wahpeton, N. D.
North Dighton Co-operative Stove Co., North Dighton, Mass.
North East Electric Co., automobile accessories, Rochester, N. Y.
North East Fire Brick Co., North East, Md.
North Eastern Constr. Co., 225 5th av, New York.
North Eastern General Supply Co., masons' & bldrs.' matls., Gunther Bldg., Baltimore, Md.
North Elec. Co., dry batteries, Am. Trust Bldg., Cleveland, Ohio.
North Elec. Co., telephone switchboards, Galion, Ohio.
North End Fndry. Co., 60th av & Ry. Tracks, Milwaukee, Wis.
North End Foundry Co., machsts. & fndrs., West Allis, Wis.
North End Paper Co., Fulton, N. Y.
North, Frazier, & Co., lumber mfrs., Portland, Ind.
North Indianapolis Cradle Works, Indianapolis, Ind.
North Iowa Brick & Tile Co., Mason City, Ia.
North Jersey Building Co., 207 Market, Newark, N. J.
North Jersey Excelsior Co., excelsior, Butler, N. J.
North Jersey Paint Co., Stewartsville, N. J.
North Jersey Quarry Co., Morristown, N. J.
North, Jos. W. & Sons, polishing cloths, Elizabeth, N. J.
North & Judd Mfg. Co., harness, automobile, baggage strap, razor strop & dog collar hardware mfrs., New Britain, Conn.
North Kensington Refinery, brewers' sugar, 362 2nd av, New York.
North Lebanon Foundry Co., Lebanon, Pa.
North Liberty Lumber & Coal Co., masons & bldrs.' matls., North Liberty, Ind.
North Louisiana Shingle Co., Ltd., Monroe, La.
North Lubec Mfg. & Canning Co., North Lubec, Me.
North Machine Co., 324 Main, San Francisco, Cal.
North Manchester Fdry. Co., North Manchester, Ind.
North Mississippi Oil Mills, cottonseed meal, Holly Springs, Miss.
North, O. B., & Co., machsts. & fndrs., New Haven, Conn.
North Ogden Canning Co., North Ogden, Utah.
North Pacific Lumber Co., Portland, Ore.
North Pacific Trading & Packing Co., Hobart Bldg., San Francisco, Cal.
North Packing & Provision Co., Somerville, Mass.
North Penn Washer Co., Drexel Bldg., Philadelphia, Pa.
North & Pfeiffer Mfg. Co., hdwe. mfrs., Hartford, Conn.
North Phila. Brick Works, Rising Sun & Luzerne, Phila., Pa.
North, Robt., architect, Niagara Life Bldg., Buffalo, N. Y.
North Scituate Cotton Mills, crinoline, mosquito netting, N. Scituate, R. I.
North Shore Ferneries Co., conservatory, garden lawn & porch furniture mfrs., Beverly, Mass.
North Shore Improvement Co., contractors, 25 N. Dearborn, Chicago, Ill.
North Side Carriage Works, Milwaukee, Wis.
North Side Constr. Co., Bessemer Bldg., Pittsburgh, Pa.
North Side Foundry Co., Durham, N. C.
North Side Glass Co., 18-45 W. Van Buren, Chicago, Ill.
North Side Lumber Co., Sycamore, Ill.

North Side Packing Co., meat packers, 1448 Spring Garden av, Pittsburgh, Pa.
North Side Sash & Door Co., 1015 S. Cal. av, Chicago, Ill., & 2328 N. 2d, Minneapolis, Minn.
North Star Ash Can Co., ice, waste, etc., cans, 167 Chrystie, New York.
North Star Egg Case Co., Quincy, Ill.
North Star Fdry. Co., 32d av & 27th, Minneapolis, Minn., & Spokane, Wash.
North Star Furniture Co., music cabinets, Faribault, Minn.
North Star Iron Works Co., machinists, Owatonna, Minn.
North Star Mfg. Co., canvas gloves, Tacoma, Wash.
North Star Spinning & Mfg. Co., castings, etc., St. Paul & Minneapolis, Minn.
North Star Woolen Mill Co., 228 S. 2d, Minneapolis, Minn.
North State Milling Co., flour, Greensboro, N. C.
North & Strong Lumber Co., sash, door & blind mfrs., Battle Creek, Mich.
North Tex. Foundry & Machine Co., Paris, Tex.
North Tonawanda Musical Instrument Works, organs (military band), N. Tonawanda, N. Y.
North Vernon Lumber Co., North Vernon, Ind.
North Wales Fdry. Co., North Wales, Pa.
North Wales Mach. Co., North Wales, Pa.
North Wayne Tool Co., Hallowell, Me.
North Wheeling Glass Co., glass bottles, Wheeling, W. Va.
North Wilkesboro Roller Mills, N. Wilkesboro, N. C.
North West Foundries, Inc., Rochester, N. Y.
North, Wm. F., architect, Glenolden, Pa.
Northampton Cutlery Co., Northampton, Mass.
Northcutt Bros. Co., contractors, Covington, Ky.
Northeast Metal Culv. Co., Nashua, N. H.
Northeast Preserving Works, canned goods, Northeast, Pa.
Northeastern Co., preservative, wood, 80 Beverly, Boston, Mass.
Northeastern Iron & Metal Co., scrap iron & steel, Kenosha, Wis.
Northern Bag & Plate Co., paper dishes, Carthage, N. Y.
Northern Blower Co., hoods, grinding, buffing & polishing wheel, Barberton & W. 65th, Cleveland, Ohio.
Northern Boiler & Struct. Iron Works, Appleton, Wis.
Northern Brass Mfg. Co., machsts. & fndrs., Waukegan, Ill.
Northern California Engineering Works, Redding, Cal.
Northern Casket Co., Fond Du Lac, Wis.
Northern Chemical Co., lubricating oils, Cleveland, Ohio.
Northern Chemical Co., mill & facty. supps., Fairbanks, Ala.
Northern Clay Co., arch'l terra cotta, Auburn, Wash.
Northern Coast Timber Co., ties & posts, Tacoma, Wash.
Northern Construction Co., Elkhart, Ind. & Grand Forks, N. D.
Northern Dredge & Dock Co., Duluth, Minn.
Northern Engineering Works, cranes, derricks, elevators, hoists, etc., 9 Chene, Detroit, Mich. *See adv index at end of book.*
Northern Engng. Works, rheostats, 120 Liberty, New York.
Northern Equipment Co., feed water regulators, 111 W. 11th, Erie, Pa.
Northern Fire Apparatus Co., 2422 Univ. av, S. E., Minneapolis, Minn.
Northern Floor Surfacer Co., Green Bay, Wis.
Northern Foundry Co., Alpena, Mich.
Northern Hardware Co., Duluth & Petoskey, Mich., & Great Falls, Mont.
Northern Hardware & Supply Co., Menominee, Mich.
Northern Hemlock & Hardwood Mfrs'. Ass'n, Oshkosh, Wis.
Northern Illinois Cereal Co., foods, 1306 Belmont av, Chicago, Ill.
Northern Indiana Brass Fndry. Co., Elkhart, Ind.
Northern Industrial Chemical Co., moulded heatproof insulation, 11 Elkins, South Boston, Mass.
Northern Insulating Co., cold storage insulation, St. Paul, Minn.
Northern Iron Co., ores, Real Estate Bldg., Philadelphia, Pa
Northern Knitting Mills, sweaters, cardigans, etc., 59 W. 19th, New York.
Northern, L. B., flour mills, Hyacinth, Va.
Northern Lime & Stone Co., Petoskey, Mich.
Northern Linseed Oil Co., St. Anthony Park, Minneapolis, Minn.
Northern Lumber Mfg. Co., Batchelor, La.
Northern Machine Works, Marshall & Jefferson, Phila., Pa., & Wausau, Wis.
Northern Machinery Co., 503 S. 6th, Minneapolis, Minn.
Northern Maine Packing Co., Corinna, Me.
Northern Malleable Iron Co., Wells & Forest, St. Paul, Minn.
Northern Metallic Packing Co., 253 E. 8th, St. Paul, Minn.
Northern Ohio Cooperage & Lumber Co., Parkin, Ark.
Northern Ore Co., zinc ores, Edwards, N. Y.
Northern Paper Mills, paper towels and napkins, Green Bay, Wis.
Northern Pine Crating Co., Cass Lake, Minn.
Northern Redwood Lumber Co., Korbel, Cal.
Northern Refrigerator Co., Grand Rapids, Mich.
Northern Tool Co., machsts., Utica, N. Y.
Northern Water Softener Co., Madison, Wis.
Northern Welding Co., 2429 Univ. av, S. E., Minneapolis, Minn.
Northern White Cedar Ass'n, Lumber Exchange, Minneapolis, Minn.
Northey Mfg. Co., cooling rooms & dlrs. butchers' supplies, Waterloo, Ia.
Northfield Furnace Co., cornices & skylights, Northfield, Minn.
Northfield Iron Co., mortar mixers, Northfield, Minn.
Northfield Knife Co., Northfield, Conn.
Northfield Knitting Co., sweaters, Northfield, Minn.
Northfield Knitting Co., 1301 Central av, Minneapolis, Minn.
Northampton Iron Wks., Florence, Mass.
Northland Lumber Co., Grand Rapids, Mich.
Northland Pine Co., lumber, 3201 N. 2nd, Minneapolis, Minn.
Northland Ski Mfg Co., St. Paul, Minn.
Northrop Bros., masons' & bldrs.' matls., Southport, Conn.
Northrop, Coburn & Dodge Co., enameled metal tile & steel ceiling, 120 Liberty, New York.
Northrop, E. R., Co., hose & belting, 88 White, New York.
Northrop, Jos. W., architect, Court Ex. Bldg., Bridgeport, Conn.
Northrop Lubrg. Oil Co., 308 Commercial av, St. Louis, Mo.
Northrup, B. D., machsts. & fndrs., Washington, Pa.
Northrup Hardware Co., Ltd., Boise, Idaho.
Northrup, Jay H., lumber mfrs., ties, poles & posts, Louisa, Ky.
Northrup Lumber Co., Iola, Kans.
Northrup & O'Brien, architects, Winston-Salem, N. C.
Northway Motor & Mfg. Co., auto. engines, Detroit, Mich.
Northway Trailer Car Co., truck trailers (automobile), East Rochester, N. Y.
Northwest Arkansas Lumber Co., Fayetteville, Ark.
Northwest Canning Co., Vashon, Wash.
Northwest Hardware Co., Bellingham, Wash.
Northwest Harvester Co., Spokane, Wash.
Northwest Lumber Co., Seattle, Wash.
Northwest Material Co., masons' & bldrs.' matls., 3690 Milwaukee av, Chicago, Ill.
Northwest Paper Co., Cloquet, Minn.
Northwest Steel Co., ft. of Sheridan, Portland, Ore.
Northwestern Art Shade Co., 549 Fulton, Chicago, Ill.
Northwestern Barb Wire Co., Sterling, Ill.
Northwestern Bedding & Mfg. Co., Wycliff, N. W. cor. Bradford, St. Paul, Minn.
Northwestern Blaugas Co., gas liquified, St. Paul, Minn.
Northwestern Boiler Works, Superior, Wis.
Northwestern Brass Works, fndrs., 2117 N. 9th, St. Louis, Mo.
Northwestern Bridge & Iron Co., 127 S. Water, Milwaukee, Wis.
Northwestern Bridge Works, steel struct. work, Portland, Ore.
Northwestern Cabinet Co., piano benches, Burlington, Iowa.
Northwestern Car Seal Co., 108 N. Jefferson, Chicago, Ill.
Northwestern Casket Co., 661 17th av, N. E., Minneapolis, Minn.
Northwestern Chem. Co., platers' compounds, soaps, etc., Marietta, Ohio.
Northwestern Clay Mfg. Co., sewer pipe, drain tile, flue linings, etc., Aledo, Ill.
Northwestern Compo Board Co., 44th av, N. & Lyndl, Minneapolis, Minn.
Northwestern Construction Co., Franklin, Pa.
Northwestern Cooperage & Lumber Co., Gladstone, Mich.
Northwestern Copper & Brass Works, 59 W. 3d, St. Paul, Minn.
Northwestern Cornice Works, 1500 Penn av, Baltimore, Md., & 2637 W. Hagert, Phila., Pa.
Northwestern Electric Co., rotary converters, variable motors, etc., 408 S. Hoyne av, Chicago, Ill.
Northwestern Elec. Equip. Co., Westinghouse agent, jobbers, 35 Vesey, New York.
Northwestern Expanded Metal Co., Old Colony Bldg., Chicago, Ill
Northwestern Fireproofing Co., 107 Kasota blk, Minneapolis, Minn.
Northwestern Foundry Co., 662 W. 12th, Chicago, Ill.
Northwestern Furniture Co., 271 W. Water, Milwaukee, Wis.
Northwestern Glass Co., 219 N. 2d, Minneapolis, Minn.
Northwestern Glass Co., fruit jars, Saginaw, Mich.
Northwestern Glue Co., 44th pl & Packers av, Chicago, Ill.
Northwestern Granite Co., St. Cloud, Minn.
Northwestern Iron Co., 1st Nat. Bk. Bldg., Milwaukee, Wis.
Northwestern Iron & Metal Co., scrap iron & steel, Racine, Wis.
Northwestern Iron Works, machsts. & fndrs., Seattle, Wash.
Northwestern Lime Co., Ryan Bldg., St. Paul, Minn.
Northwestern Lumber Co., Eau Claire, Wis., & Hoquiam, Wash.
Northwestern Mail Box Co., 5029 McKissock, St. Louis, Mo.
Northwestern Malleable Iron Co., 756 Park, Milwaukee, Wis.
Northwestern Mfg. Co., carriages, Fort Atkinson, Wis.
Northwestern Mfg. Co., disinfectants & oils, 725 E. Vermont, Indianapolis, Ind.
Northwestern Mfg. Co., dynamos & motors, 482 Clinton, Milwaukee, Wis.
Northwestern Mfg. Co., logging tools, Duluth, Minn.
Northwestern Marble & Tile Co., 27th av, S. & 27th, Minneapolis, Minn.
Northwestern Milling Co., flour, Little Falls, Minn.
Northwestern Motor Co., factory trucks, marine engines, 759 Spring, Eau Clair, Wis.
Northwestern Parquet Floor Co., 308 E. Lake, Minneapolis, Minn.
Northwestern Pine Tar Co., 1905 Diversey, Chicago, Ill.
Northwestern Roofing Cornice & Stamping Works, 1111 S. 5th, Minneapolis, Minn.
Northwestern Rubber Co., reclaimed rubber, Trenton, N. J.
Northwestern Safe Mfg. Co., machsts. & fndrs., Columbia Heights, Minneapolis, Minn.
Northwestern Sheet & Iron Works, Wahpeton, N. D.
Northwestern Sheet Metal Works, cornices & skylights, Seattle, Wash.
Northwestern Shot & Lead Works, 90 Fairfield av, W., St. Paul, Minn.

Northwestern Stamp Works, 110 E. 3d, St. Paul, Minn.
Northwestern Stamping Co., conduit hangers, Burlington, Ia.
Northwestern States Portland Cement Co., Mason City, Ia.
Northwestern Steel & Iron Works, Eau Claire, Wis.
Northwestern Storage Battery Co., elec. lamp flashlights, 140 Mason, Milwaukee, Wis.
Northwestern Terra Cotta Co., 2525 Clybourne av, Chicago, Ill.
Northwestern Trunk Co., 248 Nicollet av, Minneapolis, Minn.
Northwestern Univ., engng. school & coll., Evanston, Ill.
Northwestern Wind Engine Co., 110 3d av, N., Minneapolis, Minn.
Northwood, H., Co., table glassware, Wheeling, W. Va.
Nortmann-Duffke Foundry Co., Layton Park, Milwaukee, Wis.
Norton, A. O., Inc., jacks mfrs., 286 Congress, Boston, Mass.
Norton, Alfred E., Co., steel struct'l Works, 105 W. 40th, New York.
Norton Bros., contrs., 1817 Holmes, Kansas City, Mo.
Norton Bros., roofing slate mfrs., Granville, N. Y.
Norton, C. A., masons' & bldrs.' matls., West Mentor, Ohio.
Norton, C. H., paper & pulp mill, binder's boards, North Westchester, Conn.
Norton, C. S., Blue Stone Co., Bedford, Ind.
Norton Car & Foundry Co., machsts. & fndrs., Norton, Va.
Norton, Chas. L., architect, Wayne, Me.
Norton Coal Co., coke mfrs., Norton, Va.
Norton Co., grinding wheel mfrs,, Worcester, Mass.
Norton Door Check Co., hdwe. mfrs., 170 Purchase, Boston, Mass.
Norton Door Check Co., 904 W. Lake, Chicago, Ill.
Norton Electric Instrument Co., electrical instruments & ammeters, Manchester, Conn.
Norton, Geo. W., soap, Somerville, Mass.
Norton & Gorman, contractors, 301 Douglas, Brooklyn, N. Y.
Norton Grinding Co., grinding & polishing machinery & grinding wheels mfrs., Worcester, Mass.
Norton Hardware Co., Norton, Va.
Norton Hardwood Co., lumber mfrs., Norwalk, Ohio.
Norton Iron Works, Ashland, Ky.
Norton, John, contractor, 47 S. Main, Providence, R. I.
Norton, John C., architect, Ardmore, Pa.
Norton Laboratories, metallic magnesium, Lockport, N. Y.
Norton, M., & Co., scrap rubber, Charlestown, Boston, Mass.
Norton Machy. Co., 610 Baymiller, Cincinnati, Ohio.
Norton Mfg. Co., machinists, Norton, Kans.
Norton Mattress & Mfg. Co., Norton, Va.
Norton, S. Tilden, architect, Title Ins. Bldg., Los Angeles, Cal.
Norton Tool Co., adze. mfg., 799 West Park, Ohio.
Norton, W. A., Co., dock bldrs., 285 Dorchester av., Boston, Mass.
Norton, W. R., architect, Phoenix, Ariz.
Norton, W. T., guy clamps, elec. cable hangers, West Park, Ohio.
Norton Water Motor Co., Inc., Boston, Mass.
Norton, Willis & Co., wheat flour, Topeka, Kans.
Norveil-Wilder Hardware Co., Beaumont, Tex.
Norvell & Wallace, masons' & bldrs.' matls., Nashville, Tenn.
Norvell-Wilder Hardware Co., Beaumont, Tex.
Norviel, H., Scraper Co., fndrs., Pixley, Cal.
Norwalk Brick & Stone Co., Norwalk, Ohio.
Norwalk Drilling Tool Co., Norwalk, Ohio.
Norwalk Foundry Co., Norwalk, Ohio.
Norwalk Iron Works Co. (The), air & gas compressor mfrs., So. Norwalk, Conn. *See adv. index at end*
Norwalk Lock Co., So. Norwalk, Conn.
Norwalk Mfg. Co., plumbers' supplies, E. Norwalk, Conn.
Norwalk Motor Car Co., Martinsburg, W. Va.
Norwalk Tire & Rubber Co., Norwalk, Conn.
Norway Graphite Milling Co., Birmingham, Ala.
Norwich Belt Mfg. Co., Norwich, Conn.
Norwich Chemical Co., acetate of lime, wood alcohol, etc., Crosby, Pa.
Norwich Knitting Co., sweaters, cardigans, etc., Norwich, N. Y.
Norwich Nickel & Brass Co., mchsts. & fndrs., Norwich, Conn.
Norwich Pharmacal Co., aloin, Norwich, N. Y.
Norwich Plumbing Supply House, Norwich, Conn.
Norwich Univ., engng. school & coll., Northfield, Vt.
Norwich Wire Works, display stands & store trucks, Norwich, N. Y.
Norwood & Berdan, paint mfrs., Paterson, N. J.
Norwood Concrete Block & Const. Co., stone, Madison av. & C. L. & N. Ry., Norwood, Ohio.
Norwood Engng. Co., freight elev., filters & paper mill machinery, Florence, Mass.
Norwood Glass Co., window glass mfrs., Clarksburg, W. Va.
Norwood, Jos. W., fish oils, Gloucester, Mass.
No-Shammy Product Co., gasoline funnels, 5710 Haugh av., Cleveland, Ohio.
Nositzer, Barnet, horse hair, 307 Pearl, New York.
Noss, Herman, & Sons, sash, door & blinds, York, Pa.
Nosser, J. J., architect, Charles City, Ia.
Nostrand Knitting Mills, sweaters, bathing suits, etc., 1287 Madison, Brooklyn, N. Y.
Notkins, A. L., & Sons, contrs., 23 Church, New Haven, Conn.
Nott-Atwater Co., mill & facty. supplies, Spokane, Wash.
Nott, F. H., scrap iron, steel & rubber, Richmond, Va.
Nott Fire Engine Co., 1624 Central av., Minneapolis, Minn.
Nott, H. L., machine shop, White River Junction, Vt.
Nott, W. S., Co., mill & facty. supplies, 2d av. N., & 3d, Minneapolis, Minn.
Nottingham & Co., masons' & bldrs.' matls., E. 2d & Wash., Portland, Ore.
Nottingham Mill, cotton sheetings, 314 Dyer, Providence, R. I.
Nottingham, Wm. N., switch boxes, 204 W. Brighton, Syracuse, N. Y.
Nottingham & Wrenn Co., masons' & bldrs.' matls., Norfolk, Va.
Nottleman, Wm. J., contractor, Lockport, N. Y.
Noulett, G. A., & Sons, contrs., Audubon Bldg., New Orleans, La.
Nourse, C., architect, Story Bldg., Los Angeles, Cal.
Nouvaculite Paving Co., contrs., 6038 Delmar Blvd., St. Louis, Mo.
Novak, Frank, contractor, 744 N. Kenwood av., Baltimore, Md.
Novelli & Calgani, granite, Barre, Vt.
Novelty Advertising Co., Coshocton, Ohio.
Novelty Art Glass Co., leaded shades, 415 Federal, Pittsburgh, Pa.
Novelty Art Glass Shades Co., portables, 418 Prospect av, Cleveland, Ohio.
Novelty Brick & Coal Co., masons' & bldrs.' matls., New Comerstown, Ohio.
Novelty Button Works, 312 7th av., New York.
Novelty Cutlery Co., Canton, Ohio.
Novelty Elec. Co., sheet metal gauges & trailer connectors, 50 N. 4th, Philadelphia, Pa.
Novelty Electric Sign Co., 165 Eddy, San Francisco, Cal.
Novelty Gas & Elec. Fixture Co., 5th & Green, Philadelphia, Pa.
Novelty Incandescent Lamp Co., Emporium, Pa.
Novelty Iron Works, Lock Haven, Pa.; Passaic, N. J., & Sterling, Ill.
Novelty Iron Works Co., hammers, hand power punches & shears, Dyersville, La.
Novelty Knitting Co., bathing suits, Woonsocket, R. I.
Novelty Knitting Mills, sweaters, etc., 1015 Diamond, Phila., Pa.
Novelty Mfg. Co., mchsts. & fndrs., Jackson, Mich.
Novelty Mfg. Co., mill & facty. supplies, Sioux City, Ia.
Novelty Mfg. Co., hardware manufacturers, Waterbury, Conn.
Novelty Printing Co., hosiery bands & labels, 7th & Watkins, Philadelphia, Pa.
Novelty Sign Co., 208 W. 3d, Cincinnati, Oho.
Novelty Slide Co., 115 E. 23d, New York.
Novelty Steam Boiler Works, steel plate work, Baltimore, Md.
Novelty Turning Co., textile machy., supplies, Norway, Me.
Novelty Wire Works, window display fixtures, 840 B'way, New York.
Novelty Wood Works Co., music cabinets, desks, etc., Union City, Pa.
Novelty Wooden Shoe Co., Holland, Mich.
Novelty Yarn Co., auto. binding, 2304 Waterloo, Phila., Pa.
Novitas Co., novelty mfrs., Waltham, Mass.
Novo Mfg. Co., dry batteries, 424 W. 33d, New York.
Novo Oil Engine Co., Lansing, Mich.
Novy, L., & Son, architects, 3223 W. 22d, Chicago, Ill.
Nowack, F. C., stone producers, Menominee, Mich.
Nowakouski, Jos., & Co., contractors, 666 Forest, E., Detroit, Mich.
Nowata Hardware & Supply Co., Nowata, Okla.
Nowell-Atherly Co., contractors, Billings, Mont.
Nowell, J. M., fertilizer mfrs., Monroe, Ga.
Nowell, Wm., contractor, McKeesport, Pa.
No Xal Polish Mfg. Co., 1238 Belmont av., Philadelphia, Pa.
Noxall Mfg. Co., grain separators, Seward, Nebr.
Noxon Broom Co., Avoca, N. Y.
Noxon, C. Per Lee, spark coils & gas igniters, Syracuse, N. Y.
Noxon & Whitney Co., mill & facty. supplies, Middletown, Conn.
Noye Bros. Co., sawmill machy., Buffalo, N. Y.
Noyes, A. L., lumber, Limestone, Me.
Noyes, B. B., Co., machsts. & fndrs., Greenfield, Mass.
Noyes Bros. & Cutler, plate glass, 6th & Sibley, St. Paul, Minn.
Noyes, C. A., Co., mill & facty. supplies, Brockton, Mass.
Noyes Carriage Co., Elkhart, Ind.
Noyes, Chas. E., starch mfr., Limestone, Me.
Noyes Comb Co., Binghamton, N. Y.
Noyes, E. A., cornices, 1606 W. Lake, Chicago, Ill.
Noyes, Frank A., architect, Chelsea, Mass.
Noyes, H. F., (Est. of), sash, door & blind mfrs., Rutland, Vt.
Noyes, J. B., & Co., lumber, Linnton, Ore.
Noyes & Nutter Mfg. Co., fndrs., Bangor, Me.
Noyes Stove Co., fndrs., Waterville, Me.
Noyes, W. H., Co., wood flag poles, scaffold bldrs., etc., 154 1st, Newark, N. J.
Noyes, W. W., architect, N. Y. Bldg., Seattle, Wash.
Noyes, Walter D, lumber, 148 State, Boston, Mass.
N. & S. Foundry Co., mchsts. & fndrs., Seattle, Wash.
Nu-Back Mfg. Co., metal polish, 114 N. Commercial, St. Louis, Mo.
Nubian Paint & Varnish Co., 1856 Leclair av., Chicago, Ill.
Nuckolls Packing Co., meats, Pueblo, Colo.
Nuckols, John T., contractor, Richmond, Va.
Nuedling, A., & Son, bldg. contrs., 998 16th, Milwaukee, Wis.
Nuera Canning Co., No. Wilkesboro, N. C.
Nu-Ex Fire Appliance Co., Columbus, O.
Nufer Cedar Co., Whitehall, Mich.
Nuffer, John, architect, Preston, Idaho.
Nugent Advtg. Co., signs, 29 N. 13th, Phila., Pa.
Nugent, Robinson, contractor, 2165 Market, San Francisco, Cal.
Nugent, Thos., hot air furnace mfrs., 223 E. 80th, New York.
Nugent, Wm. W., & Co., oiling systems, filters & devices, 146 W. Superior, Chicago, Ill. *See adv. index at end of book.*

Nuhring, Chas., & Bro., mill & facty. supplies, 1212 Walnut, Cincinnati, Ohio.
Null, Geo. W., machsts., Greenmount, Pa.
Nulomoline Co., glycerine substitute, 111 Wall, New York.
Nulsen, Klein & Krausse Mfg. Co., barytes, whiting mfrs., Main & Sidney, St. Louis, Mo.
Numa Rock Drill Sharpener Co., machy., Salt Lake City, Utah.
Number One Dist. Co., Cincinnati, Ohio.
Numsen, Wm., & Son, canned goods, 18 Light, Baltimore, Md.
Nunberger, Jos., flour mills, St. Albans, W. Va.
Nunda Casket Co., Nunda, N. Y.
Nungesser Carbon & Battery Works of National Carbon Co., dry batteries, carbon brushes, 1170 E. 38th, Cleveland, Ohio.
Nunn Brass Works, Rochester, N. Y.
Nunner & Ashton Co., bedstead mfrs., 417 E. Pearl, Cincnnati, O.
Nunning, Frank, & Son, machsts., 215 W. 2d, Cincinnati, Ohio.
Nurick, H. J., architect, 830 Putnam av., Brooklyn, N. Y.
Nurnberg Thermometer Co., Inc., 260 E. 138th, New York.
Nurre Mirror Plate Co., medicine cabinets, Bloomington, Ind.
Nurse, Howard B., architect, Cutler Bldg., Rochester, N. Y.
Nusbaum Chemical Co., acetate of lime, wood alcohol, etc., Bradford, Pa.
Nusbaum, D., & Co., sweaters, bathing suits, etc., 341 5th av., New York.
Nusbaum, F. A., clamps, oil filters, etc., 219 Ruffner, Lockland, Ohio.
Nuss Mfg. Co., musical instruments, Harrisburg, Pa.
Nuss & Moore Trunk Co., 1408 Walnut, Kansas City, Mo.
Nussbaum & Hunold, silver nov., 14 Blount, Providence, R. I.
Nussbeck, John G., cornices & skylights, Topeka, Kan.
Nu System Elec. Vibrator Co., Lightner Bldg., Detroit, Mich.
Nutt, Geo. D., contractor, Farwell Bldg., Detroit, Mich.
Nutt, Walter J., Lumber Co., Mendon, Ill.
Nuttall, Jno., machy. dlrs., Montgomery & 5th, Philadelphia, Pa.
Nuttall, R. D., Co., gears, pinions & trolleys, McCandless & Harrison av., Pittsburgh, Pa. *See adv index at end of book.*
Nutter Electric Equipment Co., dry batteries, 169 Mass. av, Boston, Mass.
Nutter, F. H., architects, landscape, 710 Sykes blk., Minneapolis, Minn.
Nutter, J. C., sash, door & blind mfrs., Berwick, Me.
Nutting, C. A., mchsts., Randolph, Wis.
Nutting Truck Co., Faribault, Minn.
Nuttle, H. T. & H. H., canned goods, Hobbs, Md.
Nydegger, Max, hosiery knitting mach'y, 260 W. B'way, New York.
Nyden, John A., architect, Schiller Bldg., Chicago, Ill.
Nye, A. T., & Son Co., stoves & ranges, Marietta, O.
Nye Lusk & Hudson Co., lumber, Thorp, Wis.
Nye & Robinson, architects, Brandeis Bldg., Omaha, Nebr.
Nye-Schneider-Fowler Co., masons' & bldrs.' matls., Fremont, Nebr.
Nye Steam Pump & Machinery Co., 701 N. Western av., Chicago, Ill.
Nye Tool & Mach. Works, 108 N. Jefferson, Chicago, Ill.
Nye & Tredick Co., mchsts., 720 Cherry, Philadelphia, Pa.
Nye, Wm. F., oils, New Bedford, Mass.
Nyelec Switchboard Co., 422 E. 53d, New York.
Nygard, Alfred F., stone carver, Detroit, Mich.
Nystrom, Carl E., architect, Palladio Bldg., Duluth, Minn.
Nytanday Letter & Design Co., 100 William, New York.

Oades, Walter H., ship bldr., ft. of Dubois, Detroit, Mich.
Oak Flooring Service Bureau, Union Trust Bldg., Cincinnati, O.
Oak Grove Canning Co., Oak Grove, Va.
Oak Grove Handle Co., Cameron, Wis.
Oak Hill Fire Brick & Coal Co., Oak Hill, Ohio.
Oak Hill Foundry & Machine Works, Oak Hill, Ohio.
Oak Hill Marble Wks., Birmingham, Ala.
Oak Rubber Co., balloons (rubber), Ravenna, Ohio.
Oakdale Baking Co., prepared cereal foods, 10th & Susquehanna av, Philadelphia, Pa.
Oakdale Cotton Mills, Jamestown, N. C.
Oakdale Milling Co., flour, Oakdale, Cal.
Oake Pckg. Co., meat packers, Rockford, Ill.
Oakes Bros., brick, Iowa City, Ia.
Oakes & Burger Co., dairy apparatus & supplies, machy., etc., Cattaraugus, N. Y.
Oakes Co., automobile horns, mountings, wheels, etc., Division & Vandalia R. R., Indianapolis, Ind.
Oakes & Dow Co., spark plug mfrs., 15 Chardon, Boston, Mass.
Oakes, Geo. W., & Co., contractors, Endicott Bldg., St. Paul, Minn.
Oakes Mfg. Co., mail boxes, poultry fountains, Tipton, Ind.
Oakes, W. L., machsts, Decatur, Ill.
Oakes, Roland & Co., saparators, Holyoke, Mass.
Oakland Brass Foundry, Oakland, Cal.
Oakland Chemical Co., dioxogen, 10 Astor pl, New York.
Oakland Foundry Co., Belleville, Ill.
Oakland Fndry. & Mach. Co., Oakland, Me.
Oakland Meat & Packing Co., Oakland, Cal.
Oakland Mills, denims, tickings, Taunton, Mass.
Oakland Motor Car Co., Pontiac, Mich.
Oakland Paving Co., Oakland, Cal.
Oakley, Chas N., Esq., architect, 280 N. Broad, Elizabeth, N. J.
Oakley, Chas. T., architect, Mamaroneck, N. Y.
Oakley Chem. Co., rust preventatives, etc., 22 Thames, New York.
Oakley & Jansen Machine Co., sanding, Parkersburg, W. Va.
Oakley & Keating, machsts., 673 Manhattan av, Brooklyn, N. Y.
Oakley Machine Tool Co., reamer & cutter grinders, Oakley, Cincinnati, Ohio.
Oakman, Jno., architect, 345 5th av, New York.
Oaks, A. J., machsts., South Fork, Pa.
Oakton Canning Co., Oakton, Ky.
Oakville Co., machsts., Waterbury, Conn.
Oakville Shingle Co., lumber, Bothell, Wash.
Oarr, H. J., & Son, machsts. & fndrs., Cos Cob, Conn.
Oast, Samuel P., masons' & bldrs.' matls., 1101 Court, Portsmouth, Va.
Oat, Jos., & Sons, fndrs., Philadelphia, Pa.
Oates, Isaac E., flour mills, Elk Garden, W. Va.
Oates Mattress Co., Little Rock, Ark.
Oatley, Lincoln N., contractor, Wakefield, R. I.
Oatman Condensed Milk Co., canned, Dundee, Ill.
Oatman's Furnace Co., cornices, Medina, Ohio.
O'Bannon Corp., artificial lthr., 30 State, Boston, Mass.
Obdyke, Benj. P., conductor pipe mfrs., 1217 Callowhill, Philadelphia, Pa.
Obear-Nester Glass Co., bottles, 2d & Chestnut, St. Louis, Mo.
Obenberger Drop Forge Co., 220 Lake, Milwaukee, Wis.
Obenberger, J., & Son Co., machsts., 125 Barclay, Milwaukee, Wis.
Obenchain-Boyer Co., machsts. & fndrs., Logansport, Ind.
Obenhack, C. F., architect, Gluck Bldg., Niagara Falls, N. Y.
Obenhaus-Nichols Co., architects, 208 S. Center, Schenectady, N. Y.
Obenshain, E. P., canned goods, Nace, Va.
Obenshain, J. B., & Sons, canned goods, Montvale, Va.
Obenus, Nichols Co., architects, 119 State, Albany, N. Y.
Ober, G., & Sons Co., fertilizer mfrs., ammoniates, U. S. Fidelity & Guar. Bldg., Baltimore, Md.
Ober Mfg. Co., machinery, Chagrin Falls, Ohio.
Oberbeck Co., portables, 405 Oswego, Chicago, Ill.
Oberdorfer, M. L., Brass Co., castings & pumps, 810 E. Water, Syracuse, N. Y.
Oberhelman, J. A., Foundry Co., Cincinnati, Oho.
Oberholtzer, Francis D., contractor, Norristown, Pa.
Oberkircher, Jacob, architect, 46 Orange, Buffalo, N. Y.
Oberle, G. F., pipe rests, 238 E. 42d, New York.
Oberle, Jno., mach. & fndr., Mellette, S. D.
Oberlies, Jos. H., architect, Granite Bldg., Rochester, N. Y.
Oberlin Brick & Tile Co., Oberlin, Ohio.
Oberly, Jas. B., brick, Delaware Trust Bldg., Wilmington, Del.
Obermayer, S., Co., foundry plant equipments, etc., 2563 W. 18th, Chicago, Ill.
Oberndorf Mfg. Co., machsts. & brass fndrs., Pittsburgh, Pa.
Oberschelp, H. G., brick, Princeton, Ill.
Oberst, Richard E., architect, 353 Nat'l av, Milwaukee, Wis.
Obert, Jos., Co., meat packers, Lehighton, Pa.
Oberwarth, Leo L., architect, Frankfort, Ky.
Obion Mill & Elevator Co., flour, Obion, Tenn.
Obitz, John E., architect, 6200 Penn av, Pittsburgh, Pa.
Obold Hardware Co., hardware wholesale, Reading, Pa.
Obrecht, Chas. F., Co., machsts., 8 E. Perry, Baltimore, Md.
Obrechts, John, Sons Mfg. Co., carriage & wagon wheel hubs, Tell City, Ind.
O'Brien, A. P., complete acid plants, Richmond, Va.
O'Brien, Andrew M., contractor, Lockport, N. Y.
O'Brien Bros., architects, 240 Montgomery, San Francisco, Cal.
O'Brien Bros., contrs., Avoca, Pa.
O'Brien Bros., contractors, 54 South, New York, & 5624 Chew, Philadelphia, Pa.
O'Brien Bros., roofing slate mfrs., Granville, N. Y.
O'Brien Bros., fndrs., 276 W. Main, Columbus, Ohio.
O'Brien Constr. Co., Syracuse, N. Y.
O'Brien, D. L., cornices, Denver, Colo.
O'Brien, Dennis, & Sons, contrs., 118 Asylum, Hartford, Conn.
O'Brien, Dennis, contractor, Middletown, Conn.
O'Brien, Edw. J., & Bro., steam & hot water contrs., 284 Rodney, Brooklyn, N. Y.
O'Brien Electrophone Co., horns, Hallowell, Me.
O'Brien, J. M., Co., advtg. spec., 533 S. Grand av, Los Angeles, Cal.
O'Brien, Jas. H., contractor, Hearst Bldg., San Francisco, Cal.
O'Brien, Jas. H., Scale & Supply Co., butchers' machy. & supplies, 313 Ellery, Brooklyn, N. Y.
O'Brien, John, Boiler Wks. Co., 11th & Mullanphy, St. Louis, Mo.
O'Brien, Jos. F., Mfg. Co., auto. annunciators, switches, etc., 391 B'way, New York.
O'Brien, Laurence, contractor, 70 Beach, New Haven, Conn.
O'Brien, Louis H., stone producer, West Conshohocken, Pa.
O'Brien, M., cornices & skylights, Manchester, N. H.
O'Brien Machy. Co., 119 N. 3d, Phila., Pa
O'Brien, Matthew, architect, Foxcroft Bldg, San Francisco, Cal.
O'Brien, Morgan M., architect, 49 E. 90th, New York.
O'Brien & Mosher, pack'g box mfrs., 223 Greene, New York.
O'Brien, P. M., contractor, 114 Liberty, New York.
O'Brien, Philip, brick, Verplanck, N. Y.
O'Brien, Smith, architect, 742 Market, San Francisco, Cal. Cal.
O'Brien, Thos., contractor, Watertown, N. Y.

O'Brien, Thos., & Sons, contractors, Quincy, Mass.
O'Brien, Timothy, & Son, contractors, 137 Black Rock av, Bridgeport, Conn.
O'Brien Varnish Co., mfrs., South Bend, Ind.
O'Brien, Wm. J., Const. Co., 25 S. La Salle, Chicago, Ill.
Ocala Fertilizer Co., Ocala, Fla.
Ocala Gas Co., Ocala, Fla.
Ocala Iron Wks., Ocala, Fla.
Ocala Mfg. Co., lumber, Ocala, Fla.
Occidental Construction Co., 2643 Andrews, Los Angeles, Cal.
Occidental Sheet Metal Wks., cornices & skylights, Seattle, Wash.
Ocean Accident & Guarantee Corp., insurance, 59 John, New York.
Ocean Bath'g Suit Co., 116 W. 23d, New York.
Ocean Food Packing Co., canned goods, Everett, Wash.
Ocean Shore Canning Co., 112 Market, San Francisco, Cal.
Ocean Shore Iron Works, 550 8th, San Francisco, Cal.
Ocean Springs Packing Co., canned goods, Ocean Springs, Miss.
Oceana Canning Co., Shelby, Mich.
Ochs, A. C., Brick & Tile Co., Springfield, Minn.
Ochs Construction Co., masons' & bldrs.' matls., Allentown, Pa.
Ochsner, A., & Son, hdwe. mfrs., New Haven, Conn.
Ocilla Oil & Fertilizer Co., Ocilla, Ga.
Ocilla Planing Mill, Ocilla, Ga.
Ocklocknee Brick Co., Tallahassee, Fla.
O'Clair, C. L., granite, Waterbury, Vt.
O'Clair, John, contractor, Cohoes, N. Y.
Oconee Brick & Tile Co., Milledgeville, Ga.
Oconee Fertilizer Co., Dublin, Ga.
Oconee Mills Co., cotton sheetings, Westminster, S. C.
Oconee River Mills, flour, Milledgeville
O'Connell, C. C., contractor, Savannah, Ga.
O'Connell Elec. Co., Inc., massage vibrators, 817 E. 144th, New York.
O'Connell, J. D., bldg. contr., Duluth, Minn.
O'Connell, J. P., & Co., masons' & bldrs.' matls., 174 Freeport, Boston, Mass.
O'Connell, Louis, Co., masons' & bldrs.' matls., Tiffin, Ohio.
O'Connell Lumber Co., Winlock, Wash.
O'Connell, Martin E., carriages, Terre Haute, Ind.
O'Connell, Michael, contractor, New London, Conn.
O'Connell, T. G., architect, 18 Boylston, Boston, Mass.
O'Connell, Thos., contractor, Fond Du Lac, Wis.
O'Connell's, D., Sons, masons' & bldrs.' matls., contr., Holyoke, Mass.
O'Conner Concrete Constr. Co., Stamford, Conn.
O'Connor & Andrews, contractors, 47 Orange, New Haven, Conn.
O'Connor, Arthur E., cut glassware, Goshen, N. Y.
O'Connor Bros., contrs., Syracuse, N. Y.
O'Connor & Co., Ltd., carriages, 518 Julia, New Orleans, La.
O'Connor Co., heating contrs., Muskogee, Okla.
O'Connor, Francis X., contractor, 253 W. 47th, New York.
O'Connor, J. J., & Co., metal brokers, 1st Natl. Bank Bldg., Pittsburgh, Pa.
O'Connor, J. P. & J. W., Co., contractors, 189 W. Madison, Chicago, Ill.
O'Connor, Jas., contr., Council Bluffs, Iowa.
O'Connor, Jas., contractor, Middletown, Conn.
O'Connor, Jas., landscape archs., Hale Bldg., Philadelphia, Pa.
O'Connor, Jas. W., architect, 3 W. 29th, New York.
O'Connor, John, architect, 216½ 6th av, Des Moines, Ia.
O'Connor, John C., & Son, contractors, Delphi, Ind.
O'Connor, M., architect, Hudson, N. Y.
O'Connor, Maurice M., & Son, granite, Pawtucket, R. I.
O'Connor, Michael J., architect, 103 Park av, New York.
O'Connor, Peter, masons' & bldrs.' matls., Bayonne, N. J.
O'Connor-Schweers Paint Co., Augusta, Ga.
O'Connor, Wm. F., Co., contractors, 2540 Callowhill, Phila., Pa.
Oconto Co., lumber mfrs., 80 E. Jackson blvd., Chicago, Ill.
Oconto Co., packing box mfrs., Oconto, Wis.
Octigan Drop Forge Co., horse & mule shoes, 2428 Lowe av. Chicago, Ill.
Octo Engng. Ass'n, Inc., jigs, patterns, piano hdwr., special machy., Rochester, N. Y.
O'Day Bros., slate for elec. purposes, billiard tables, etc., Hydeville, Vt.
O'Day, John, contractor, 90 Miami, Buffalo, N. Y.
O'Day, P. H., & Son, machsts. & fndrs., 253 South, New York.
Oddie, H. H., Inc., contractor, 251 4th av, New York.
Oddy, Hodgson & Son, carriage wheels, Wallingford, Conn.
O'Dea, Jno., masons' & bldrs.' matls., Winona, Minn.
O'Dell Bros., sash, door & blind mfrs., Webster, N. Y.
Odell & Eddy Co., crates, Chaffee, N. Y.
Odell & Ennis, ties, Schaal, Ark.
O'Dell, H. A., architect, Hammond Bldg., Detroit, Mich.
Odell Hardware Co., Greensboro, N. C.
Odell, J. H. & C. S., & Co., organs, 409 W. 42d, New York.
Odell Mfg. Co., paper & pulp mills, Groveton, N. H.
Odell Mfg. Co., sharpening machines, 343 S. Dearborn, Chicago, Ill.
O'Dell, O. A., sashes, doors & blinds, Gallipolis, Ohio.
O'Dell & O'Dell, contractors, 913 Light, Baltimore, Md.
O'Dell, Wm. H., architect, Smith Bldg., Detroit, Mich.
Odend-Hal-Monks Corp., cornices, Norfolk, Va.
Odessa Canning Co., Oak Grove, Mo.
Odin Stove Mfg. Co., Erie, Pa.
Odlen, Herman, iron, Camden, N. J.
O'Donnell Bros., bldg. contrs., 1215 Clybourn, Milwaukee, Wis.
O'Donnell Lumber Co., Dunkirk, N. Y.
O'Donnell Safety System Co., fire doors, Cleveland, Ohio.
O'Donnell Steam Htg. Co., Evansville, Ind.
O'Donnell & Wolfe, architects, Sandusky, Ohio.
Odorless Construction Co., destructors for municipal plants, 103 Park av, New York.
Odorless Refrigerator Co., Chattanooga, Tenn.
O'Dougherty, Francis Co., water tube boilers, 1650½ Fulton, Brooklyn, N. Y.
Oeden, Carl E., architect, Middletown, Ohio.
Oehme, C. C., architect, Billings, Mont.
Oehrle Bros. Co., silk fringes, 427 N. 3d, Philadelphia, Pa.
Oelman, Curt, machinist, 224 St. Antonie, Detroit, Mich.
Oelschaeger Bros., pyrometers, 30 E. 23d, New York.
Oelschlager, Chas. E., architect, Harrison Bldg., Philadelphia, Pa.
Oemler Oyster Canneries, Savannah, Ga.
Oenning Glass & Book Co., Quincy, Ill.
Oesterle Stained Glass Wks., 327 N. 11th, Philadelphia, Pa.
Oesterlein Machine Co., milling machines, etc., Spring Grove av, Cincinnati, Ohio.
Oettinger Buggy Co., Greensboro, N. C.
Oettinger, F. W., Corp., lamps & enclosed fuses, 52 Vanderbilt av, New York.
O'Fallon, M. J., Supply Co., plumbers' supplies—jobbers, Denver, Colo.
Ofeldt, F. W., & Sons, machinists, Nyack, N. Y.
Off, Christian, & Co., cornices, Indianapolis, Ind.
Off-Set Tool Co., drilling tools, Bridgeport, Conn.
Offerle & Smith, contractors, Warren, Pa.
Offerman, F. J., Art Works, advtg. novelties, 301 Broadway, Buffalo, N. Y.
Offerman, Joseph W., architect, 364 Haynes, Atlanta, Ga.
Office Appliances Magazine, trade publication, 417 S. Dearborn, Chicago, Ill.
Officer, R. H., & Co., assayers, Salt Lake City, Utah.
Official Mfg. Co., dairy app., La Crosse, Wis.
Ofstein, A., scrap iron & steel, 2 av B, New York.
O'Gara Construction Co., contractors, 127 Frelinghuysen av, Newark, N. J.
Ogborn, J. B., architect, Richmond, Cal.
Ogburn Canning Co., Dallas, Tex.
Ogburn, Sam'l D., flour mills, Springfield, Tenn.
Ogden & Bauer, contractors, Wheeling, W. Va.
Ogden, C. G., & Co., masons' & bldrs.' matls., Swarthmore, Pa.
Ogden & Cadmus, masons' & bldrs.' matls., Bloomfield, N. J.
Ogden, Chas. G., architect, 61 State, Albany, N. Y.
Ogden & Co., cornices, Warwick, N. Y.
Ogden, E. F., flour mills, Slaughters, Ky.
Ogden, Henry E., & Sons Co., masons' & bldrs.' matls., 428 Clinton, Newark, N. J.
Ogden Iron & Steel Mfg. Co., 147 Cedar, New York.
Ogden, J. Edward Co., shifting doors, machsts. & fndrs., mill & facty. supplies, 147 Cedar, New York.
Ogden, J. G., machinist, Marysville, Cal.
Ogden, Jos. R., architect, Atlantic City, N. J.
Ogden Packing & Prov. Co., meat, Ogden, Utah.
Ogden Paint, Oil & Glass Co., Ogden, Utah.
Ogden, Palmer H., architect, 105 W. 40th, New York.
Ogden Portland Cement Co., Ogden, Utah.
Ogden Pressed Brick & Tile Co., Ogden, Utah.
Ogden Sewer Pipe & Clay Co., Ogden, Utah.
Ogden & Wallace, steel struct'l dlrs., 577 Greenwich, New York.
Ogdensburg Mach. Co., marine engines, Ogdensburg, N. Y.
Ogeechee Brick Co., Union Point, Ga.
Ogeechee Fertilizer Works, Mayfield, Ga.
Ogeechee River Brick Co., Rocky Ford, Ga.
Ogelthorpe Oil & Fertilizer Co., Athens, Ga.
Ogg, A., contractor & stone producer, Portsmouth, Va.
Ogle Bros., sand dlrs., 3829 10th av, Seattle, Wash.
Ogle Construction Co., 323 S. Michigan av, Chicago, Ill.
Ogle, Geo. A., & Co., maps, 538 S. Clark, Chicago, Ill.
Oglebay, Norton & Co., pig iron, Wade Bldg., Cleveland, Ohio.
Oglesby Furnace Stove Co., machsts. & fndrs., Clinton, Ind.
Oglesby Granite Co., Elberton, Ga.
Oglesby, W. B., Paper Co., Middletown, Ohio.
Oglethorpe Oil & Fertilzer Co., Athens, Ga.
O'Gorman, Thos. F., patterns & models, 114 Centre, New York.
Ogren Motor Car Co., 39 S. La Salle, Chicago, Ill.
O'Halloran & Jacobs, slate stair treads & risers, Park Bldg., Pittsburgh, Pa.
O'Halloran's, Thos., Sons, glass stainers, 276 Halsey, Newark, N. J.
O'Hanlon, Thos., & Sons, tubular boilers, Utica, N. Y.
O'Hara-Waltham Dial Co., Waltham, Mass.
O. H. C. Mfg. Co., hog oilers, Peoria, Ill.
O'Hearn, M. J., contractor, Brookline, Mass.
O'Hearn, P., contractor, 1464 Dorchester av, Boston, & Lowell, Mass.
O'Herron, M., Co., contractors, S. 1st & McKean, Pittsburgh, Pa.
O'Herron, M., & Son, contractors, 5706 Vine, Philadelphia, Pa.
Ohio Anchor Fence Co., wire fences & gates, Cleveland, Ohio.
Ohio Art Co., metal signs, litho., Bryan, Ohio.
Ohio Art Glass Co., Youngstown, Ohio.
Ohio Blower Co., 9300 Detroit av, Cleveland, Ohio.
Ohio Box Board Co., 1390 E. 30th, Cleveland, Ohio.

Ohio Brass Co., electric railway, steam specialties, Mansfield, Ohio.
Ohio Brass & Copper Co., 412 Elm, Cincinnati, Ohio.
Ohio Brass & Pattern Co., Canton, Ohio.
Ohio Brick Co., Toledo, Ohio.
Ohio Builders' Supply Co., Toledo, Ohio.
Ohio Bldg. & Constr. Co., 1434 Main, Cincinnati, Ohio.
Ohio Canvas Goods Mfg. Co., Toledo, Ohio.
Ohio Carriage Mfg. Co., South High, Columbus, Ohio.
Ohio Casket Co., coffins, caskets, etc., Columbus, Ohio.
Ohio Cement Co., Lisbon, Ohio.
Ohio Central Glass Co., window glass mfrs., Pleasantville, Ohio.
Ohio Ceramic Engng. Co., scale boxes, Berea rd, Cleveland, O.
Ohio Chemical Co., Findlay, Ohio.
Ohio Chemical & Mfg. Co., 250 Fremont, San Francisco, Cal.
Ohio China Co., East Palestine, Ohio.
Ohio Cities Gas Co., petroleum & its products, Columbus, Ohio.
Ohio Clay Co., blocks, brick, Guardian Bldg., Cleveland, Ohio.
Ohio Clay Products Co., Salineville, Ohio.
Ohio Coal & Supply Co., masons' & bldrs.' matls., 2869 E. 37th, Cleveland, Ohio.
Ohio Co., vacuum cleaners, 1463 Broadway, New York.
Ohio Corr. Culv. Co., Middletown, Ohio.
Ohio Corrugating Co., sheet steel products, Warren, Ohio.
Ohio Cultivator Co., Bellevue, Ohio.
Ohio Culvert Pipe Co., Tiffin, Ohio.
Ohio Dairy Co., canned goods, Toledo, Ohio.
Ohio Distributing Corp., hangers, 220 Lomax pl, Chicago, Ill.
Ohio Duster Co., Cleveland, Ohio.
Ohio Elec. Car Co., stor. battery trucks, Auburn & W. Bancroft, Toledo, Ohio.
Ohio Elec. & Controller Co., lifting magnets, Citizens' Bldg., Cleveland, Ohio.
Ohio Elec. Specialty Mfg. Co., sheet metal & woven wire brushes, Troy, Ohio.
Ohio Elec. Wks., Cleveland, Ohio.
Ohio Elevator & Machine Co., Columbus, Ohio.
Ohio Enamel Co., tinware, 1016 B'way, Cleveland, Ohio.
Ohio Engineering Co., contrs., Lorain, Ohio.
Ohio Falls Iron Co., New Albany, Ind.
Ohio Filler & Shield Co., compounds, lubrg. oils, paints, etc., 522 City av, Columbus, Ohio.
Ohio Fire Brick Co., Oak Hill, Ohio.
Ohio Fireproofing Co., Nelsonville, Ohio.
Ohio Forge Co., special drop & smooth hammered forgings, Cleveland, Ohio.
Ohio Foundry Co., E. 71st & Stanton, Cleveland, Ohio.
Ohio Foundry & Mfg. Co., Steubenville, Ohio.
Ohio Galvanizing & Mfg. Co., cans, etc., Niles, Ohio.
Ohio Gas & Elec. Fix. Co., Cincinnati, Ohio.
Ohio Gas & Elec. Fixture Mfg. Co., 2183 2d, Cleveland, Ohio.
Ohio Gas Meter Co., 912 Soc. for Sav. Bldg., Cleveland, Ohio.
Ohio Grease Co., sight feed lubricators, Loundonville, Ohio.
Ohio & Ind. Stone Co., Greencastle, Ind.
Ohio Injector Co., Wadsworth, Ohio.
Ohio Instrument Mfg. Co., machsts., 5902 Carnegie av, Cleveland, Ohio.
Ohio Iron & Metal Co., R. R. equipments, 38 S. Dearborn, Chicago, Ill.
Ohio Iron & Steel Co., Lowellville, Ohio.
Ohio Kiln Co., Vigo, Ohio.
Ohio Knife Co., Cincinnati, Ohio.
Ohio Lantern Co., 60 Hudson, Tiffin, Ohio.
Ohio Locomotive Crane Co. (The), Bucyrus, Ohio.
Ohio Machine & Boiler Co., 1501 University rd, Cleveland, Ohio.
Ohio Machine Tool Co., machinists, Kenton, Ohio.
Ohio Malleable Iron Co., machsts. & fndrs, 961 N. 4th, Columbus, Ohio.
Ohio Mfg. Co., agricultural implements, Upper Sandusky, Ohio.
Ohio Mfg. Co., steel shop foundry & truck barrels, annealing pans, tote boxes & factory equipment, P. O. Box 358, Painesvile, Ohio. *See adv index at end of book.*
Ohio Marble Co., Piqua, Ohio.
Ohio Match Co., Wadsworth, Ohio.
Ohio Mechanics Inst, engng. schools & coll., Cincinnati, Ohio.
Ohio Metal Co., smelters & refiners, 1137 N. 4th, Columbus, O.
Ohio Metal Products Co., screw mach. products, Dayton, Ohio.
Ohio & Mich. Sand & Gravel Co., Toledo, Ohio.
Ohio Motor Co., machinists, Sandusky, Ohio.
Ohio Northern Univ., engng. schools & coll., Ada, Ohio.
Ohio Nov. Mfg. Co., advtg. nov., Massillon, Ohio.
Ohio Nut & Bolt Co., Berea, Ohio.
Ohio Pail Co., Middlefield, Ohio.
Ohio Paper Co., Miamisburg, Ohio.
Ohio Pattern Works, 2730 Spring Grove av, Cincinnati, Ohio
Ohio Pipe Co., new & second hand pipe & machinery, Findlay, O.
Ohio Plumbers' Supply Co., Toledo, Ohio.
Ohio Post Mold Co., 1348 Nicholas blvd., Toledo, Ohio.
Ohio Pottery Co., "Ohio" laboratory porcelain, Zanesville, Ohio. *See adv index at end of book.*
Ohio Provision Co., meat packers, Clark av & Big 4 R. R., Cleveland, Ohio.
Ohio Pump & Brass Co., Columbus, Ohio.
Ohio Quarries Co., Ohio sandstone, Citizens Bldg., Cleveland, O.
Ohio Rake Co., agricultural implements, Albany, Dayton, Ohio.
Ohio Realty & Constr. Co., 8 E. Broad, Columbus, Ohio.
Ohio Reamer Co., 5333 St. Clair av, Cleveland, Ohio.
Ohio River Sand Co., Louisville, Ky.
Ohio River Saw Mill Co., lbr. mfrs., Louisville, Ky.
Ohio River Sewer Pipe Co., Empire, Ohio.
Ohio River Stone Co., Newport, Ky.
Ohio Road Machinery Co., Oberlin, Ohio.
Ohio Roofing & Asbestos Co., cornices, doors, window frames, Cleveland, Ohio.
Ohio Roofing Tool Co., Tiffin, Ohio.
Ohio Rubber Co., 725 St. Clair av, N. E., Cleveland, Ohio.
Ohio Salt Co., 100 Hudson, New York.
Ohio Sandstone Co., 140 S. Dearborn, Chicago, Ill.
Ohio Sanitary Wipers Co., machy. wipers, 2273 Smead av, Toledo, Ohio.
Ohio Sash & Door Co., 711 Canal rd, N. W., Cleveland, Ohio.
Ohio Scrap Iron & Metal Co., Piqua, Ohio.
Ohio Scroll & Lumber Co., Covington, Ky.
Ohio Seamless Tube Co., Shelby, Ohio.
Ohio Seat Co., 1964 Central av, Cincinnati, Ohio.
Ohio Sheet Metal Co., steel lockers, Canton, Ohio.
Ohio Sherardizing Co., Whitney Power Blk., Cleveland, Ohio.
Ohio Shovel & Stamping Co., Dover, Ohio.
Ohio Signal Co., fire alarms, Canton, Ohio.
Ohio Silica Co., East Liverpool, Ohio.
Ohio Spoke & Bending Co., Botkins, Ohio.
Ohio Spring Bed Co., Cleveland, Ohio.
Ohio State Stove Co., Columbus, Ohio.
Ohio State Univ., engng. schools & coll., Columbus, Ohio.
Ohio Stave Co., Cardington, Ohio.
Ohio Steel Foundry Co., Lima, Ohio.
Ohio Stove Co., Portsmouth, Ohio.
Ohio Tanning Co., patent lthr., Av C, Cincinnati, Ohio.
Ohio Tool Co., glaziers, Charleston, W. Va.
Ohio Top Co., inner tube bags, 909 Broadway, Cincinnati, Ohio.
Ohio Torpedo Co., Steubenville, Ohio.
Ohio Trailer Co., Nottingham & Oakview, Cleveland, Ohio.
Ohio Truss Co., 12 E. 9th, Cincinnati, Ohio.
Ohio Valley Canning Co., Charlestown, Ind.
Ohio Valley Clay Co., Steubenville, Ohio.
Ohio Valley Coffin Co., Lawrenceburg, Ind.
Ohio Valley Enameling Co., signs, Huntington, W. Va.
Ohio Valley Ice & Storage Co., masons' & bldrs.' matls., Steubenville, Ohio.
Ohio Valley Mattress Co., Wheeling, W. Va.
Ohio Valley Mill & Supply Co., masons' & bldrs.' matls., Ashland, Ky.
Ohio Valley Pulley Works, Marysville, Ky.
Ohio Valley Stone Co., Evansville, Ind.
Ohio Valley Supply Co., gas engines & power pumps, Marietta, Ohio.
Ohio Valley Tie Co., Louisville, Ky.
Ohio Valley Wagon Co., Marietta, Ohio.
Ohio Varnish Co., 8604 Kinsman, Cleveland, Ohio.
Ohio Veneer Co., lbr., 2624 Colerain av, Cincinnati, Ohio.
Ohio Wax Paper & Printing Co., Columbus, Ohio.
Ohio & Western Lime Co., Huntington, Ind., & Luckey, Ohio.
Ohio Wire Goods Co., spring cotters & keys, Akron, Ohio.
Ohio Wood Preserving Co., creosoted materials, Century Bldg., Pittsburgh, Pa.
Ohl, Geo. A., & Co., shears, 159 Oraton, Newark, N. J.
Ohlemacher Brick Co., Michigan City, Ind.
Ohlen, J., & Sons Saw Mfg. Co., 931 Factory, Columbus, Ohio.
Ohlmacher, C. J., & Co., cornices & skylights, Sycamore, Ill.
Ohlsen, John, & Son, contractors, Loup City, Neb.
Ohlson, O. F., contractor, 10 Brunswick, Worcester, Mass.
Ohman Map Co., 258 Broadway, New York.
Ohmen Engine Works, 17th & Capp, San Francisco, Cal.
Ohmer Fare Register Co., Dayton, Ohio.
Ohmer's, M., Sons Co., bank fixtures, Dayton, Ohio.
Ohmlac Mfg. Co., cements, compounds, enamels, paints, etc., 140 S. Dearborn, Chicago, Ill.
Ohr, F. G., carriages, Monroe, Mich.
Ohrenstein, Ernest J., architect, 105 S. Dearborn, Chicago, Ill.
Oichman, S., Trunk Co., 29 Howard, New York.
Oil City Boiler Works, special steel plate work and machinery, Oil City, Pa.
Oil City Brass Works, Beaumont, Tex.
Oil City Foundry Co., Oil City, Pa.
Oil City Iron Works, Corsicana, Tex.
Oil City Oil & Grease Co., lubricants, Oil City, Pa.
Oil City Woodworking & Mfg. Co., sash, door & blind mfrs., Oil City, Pa.
Oil & Grease Co., soap, 261 Broadway, New York.
Oil News, trade publicaton, 14 E. Jackson blvd, Chicago, Ill.
Oil, Paint & Drug Reporter, trade publication, 100 William, New York.
Oil Seeds Co., castor, corn, etc., 35 S. William, New York.
Oil Trade Journal, trade publication, Equitable Bldg., New York.
OIL & WASTE SAVING MACHINE CO,, Real Estate Trust Bldg., Phila., Pa.
Oil Well Supply Co., pump rods, 215 Water, Pittsburgh, Pa.
O. K. Clutch Machinery Co., clutch & hoist mfrs., Columbia, Pa.
O. K. Co., poultry supplies, 157 Water, New York.
O. K. Display Fixture Co., 37 Broome, New York.
O. K. Mfg. Co., rubber erasers, Woolworth Bldg., New York.
O. K. Mfg. Co., stationer's specialties, O. C. S. Bk. Bldg., Syracuse, N. Y.

O. K. Nut Lock Co., Turks Head Bldg., Providence, R. I.
O. K. Paper Pail Co., Middletown, Ohio.
O. K. Roof Flange Co., Fremont, Neb.
O. K. Soap Co., mill soaps, 968 Franklin, Philadelphia, Pa.
O. K. Stove & Range Co., Louisville, Ky.
O. K. Tool Holder Co., machsts. & fndrs., Derby, Conn.
Okadee Co., gauges, 14 E. Jackson blvd., Chicago, Ill.
Okeberg, Jno V., architect, Geneseo, Ill.
O'Keefe, Arthur W., contractor, Plymouth, Ind.
O'Keefe, Jno. J. contractor, 1 Hague, New York.
O'Keefe Lumber Co., Plymouth, Ind.
O'Keefe & Orbison, architects, Appleton, Wis.
O'Keefe-Orbison Engng. & Construction Co., paper & pulp mill architects, Appleton, Wis.
Okeene Milling Co., feed, Okeene, Okla.
Okeh Hosiery Mills, Lemoyne, Pa.
Okel & Cooper, architects, Vandiver Bldg., Montgomery, Ala.
O'Kelly Brick Co., Ashland, Ky.
Okerstrom, J. E., architect, Virginia, Minn.
Okey Mfg. Co., gas engines, Columbus, Ohio.
Okie, F. E., Co., printing inks, 127 S. 2d, Philadelphia, Pa.
Okie, Francis G., printing inks, 411 Cherry, Phila., Pa.
Okla. Agricultural & Mech. Coll., Stillwater, Okla.
Okla. Broom Corn Warehouses, Lincoln, Neb.
Okla. Building Supply Co., Tulsa, Okla.
Okla. Carriage Works, Oklahoma, Okla.
Okla. City Foundry & Machine Co., Oklahoma, Okla.
Okla. City Hardware Co., Oklahoma, Okla.
Okla. City Mill & Elevator Co., flour, Oklahoma, Okla.
Okla. Iron Works, Tulsa, Okla.
Okla. Mill Co., flour, Kingfisher, Okla.
Okla. Plaster Co., Alva, Okla.
Okla. Portland Cement Co., Ada, Okla.
Okla. Refining Co., petroleum, Oklahoma, Okla.
Okla. Sash & Door Co., Oklahoma, Okla.
Okla. Spring Bed Mfg. Co., Oklahoma, Okla.
Okla. Supply & Navigation Co., sand & gravel, Muskogee, Okla.
Okmulgee Producing & Refining Co., pertoleum products, Okmulgee, Okla.
Okonite Co., insulated wires and cables, 501 5th av, New York.
See adv index at end of book
Olathe Packing Co., meat packers, Olathe, Kans.
O'Laughlin, A. C., Co., stone producers, 133 W. Washington, Chicago, Ill.
O'Laughlin, John, Stone Co., Racine, Wis.
Olcott, Chas. A., Planing Mill Co., sash, door & blind mfrs., 3300 N. Broadway, St. Louis, Mo.
Olcott & Corning, metallurgical engng., 36 Wall, New York.
Old Berkshire Mills Co., paper & pulp mills, Dalton, Mass.
Old Bridge Enameled Brick & Tile Co., Old Bridge, N. J.
Old Buck Guano Co., fertilizer mfrs., Richmond, Va.
Old Colony Construction Co., 103 Park av, New York.
Old Colony Foundry Co., East Bridgewater, Mass.
Old Colony Mfg. Co., cotton blankets, flannels, Taunton, Mass.
Old County Green Soap Co., Winona, Minn.
Old Dexter Distilling Co., Covington, Ky.
Old Dominion Glass Corp., bottles, Alexandria, Va.
Old Dominion Guano Co., fertilizer mfrs., Atlanta, Ga.
Old Dominion Iron & Nail Works Co., rolling mill, Belle Isle, Richmond, Va.
Old Dominion Iron Wks., Norfolk, Va.
Old Dominion Marine Railway, engines, boilers, etc., Berkley, Va.
Old Dominion Packing Co., canned goods, Buchanan, Va.
Old Dominion Soapstone Co., griddles & foot warmers, Esmont, Va.
Old English Slate Co., Glens Falls, N. Y.
OLD ENGLISH SLATE QUARRIES, producers of artistic roofing slate in all colors, and slate for landscape gardening, 200 Devonshire, Boston, Mass.
Old Homestead Cannery Co., Fork Union, Va.
Old King Cole Papier Mache Co., Canton, Ohio.
Old Mission Portland Cement Co., Mills Bldg., San Francisco, Cal.
Old Oregon Lumber Co., Seattle, Wash.
Old Reliable Motor Truck Co., 3921 S. Michigan av, Chicago, Ill.
Old Roman Solder Co., 202 E. 46th, New York.
Old '76 Dist. Co., 9 Masonic Temple, Cincinnati, Ohio.
Old Town Canoe Co., Old Town, Me.
Old Town Sheet Metal Works, cornices & skylights, Tacoma, Wash.
Old Town Supply Co., masons' & bldrs.' matls., Oldtown, Me.
Old Vincennes Distillery Co., Vincennes, Ind.
Oldberg Mfg. Co., auto. mufflers, 78 Forest E., Detroit, Mich.
Olden's, Goeffrey J., Son, shoe patterns, 6 Spruce, New York.
Older, G. B., architect, Lancaster, Ohio.
Oldershaw, F. H. & L. A., architect, New Britain, Conn.
Oldfield, James W., machinist, Laurel, Del.
Oldham, Geo., & Son Co., pneumatic tools & appliances, 4326 Tackawanna, Frankford, Phila., Pa.
Oldham, Joshua, & Sons, cork cutters, 112 26th, Brooklyn, N. Y.
Oldman Boiler Works, 38 Illinois, Buffalo, N. Y.
Olds, C. L., Construction Co., Fort Wayne, Ind.
Olds & Hixson, lumber, Vanderbilt, Mich.
Olds, M. D., lumber, Cheboygan, Mich.
Olds Motor Works, Lansing, Mich.
Olds Soap & Chemical Co., 540 W. McCarthy, Indianapolis, Ind.
Olds & Whipple, fertilizer mfrs., Hartford, Conn.
Olean Bridge & Supply Co., contrs., Olean, N. Y.
Olean Pressed Brick Co., Olean, N. Y.
O'Leary, Arthur J., & Son Co., iron forgings, etc., 65th & 57th av, Chicago, Ill.
O'Leary, J. J., Co., contractors, Passaic, N. J.
O'Leary, John, contractor, 991 E. 167th, New York.
Oleslager, John B., cornices, Jackson, Mich.
Oleum Products Co., belt dressing, Scranton, Pa.
Olewine, Wm., & Son, mine hames, Hazelton, Pa.
Oliff-McCormick Brick Co. (Ltd.), Shreveport, La.
Olin Gas Engine Co., machsts., Buffalo, N. Y.
Oline Lumber Co., Warren, Ind.
Olive-Baker Mfg. Co., advtg. novelties, 315 1st av, N. Minneapolis, Minn.
Olive, F. W., machsts., 1007 Marion, St. Louis, Mo.
Olive Milling Co., flour, Olive, Cal.
Olive & Myers Mfg. Co., mattresses, Dallas, Tex.
Olive Stove Works, Rochester, Pa.
Oliver, A. C., lumber, Frozard, La.
Oliver, A. F., Gear & Mach. Co., 60 Cherry, Buffalo, N. Y.
Oliver Bros., whol. hdwe., 71 Murray, New York.
Oliver Chilled Plow Works, South Bend, Ind.
Oliver & Co., granite producers, Barre, Vt.
Oliver Continuous Filter Co., metallurgical & chemical automatic filters, vacuum pumps, compressors, thickeners, 503 Market, San Francisco, Cal. and 299 Madison av, New York.
Oliver Cotton Oil Mills, Ginnery & Fertilizer Works, Shellman, Ga.
Oliver, E. J., & A. W., contractors, Chester, Pa.
Oliver, Edwin L., engineer, 503 Market, San Francisco, Cal.
Oliver Elec. & Mach. Co., Birmingham, Ala.
Oliver Elec. & Mfg. Co., battery connectors, armature, coils, machy., etc., 2221 Lucas, St. Louis, Mo.
Oliver, Geo. D., architect, 9 Dewey av, Watertown, N. Y.
Oliver, Horace T., contractors, 328 South av, Rochester, N. Y.
Oliver & Howland Co., mill & facty. supplies, Springfield, Mass.
Oliver Iron Mining Co., Wolvin Bldg., Duluth, Minn.
Oliver Iron & Steel Co., pole rings, guy anchors, S. 10th &, Muriel, Pittsburgh, Pa.
Oliver, J. H., & Co., contrs., tools & supplies, 1414 S. Penn sq., Philadelphia, Pa.
Oliver, Jos. B., brick, Danville, Me.
Oliver Lumber Co., Hastings, Neb.
Oliver Machinery Co., woodworking machines and machine tools —Coldbrook & Clancy, N. E., Grand Rapids, Mich.
Oliver Mfg. Co., jacks, wrenches, etc., 326 S. Desplaines, Chicago, Ill.
Oliver & Meyers Mfg. Co., mattresses, Dallas, Tex.
Oliver, Ralph H., architect, 234 S. La Salle, Chicago, Ill.
Oliver Silica Sand Co., Massillon, Ohio.
Oliver, Thos., contractor, Chester, Pa.
Oliver, Thos. (Est. of), masons' & bldrs.' matls., Rochester, N. Y.
Oliver Traction Co., Knoxville, Tenn.
Oliver Typewriter Co., machsts. & fndrs., 159 N. Dearborn, Chicago, Ill.
Oliver, W. E., canned goods, Bynum, Md.
Oliver, W. J., Mfg. Co., contractors, Knoxville, Tenn.
Oliver, W. W., Mfg. Co., machsts., 1483 Niagara, Buffalo, N. Y.
Oliver, Wilbur C., Galvanizing Works, Bath, Me.
Oliver, Wm. J., Mfg. Co., flat cars & plows, Knoxville, Tenn.
Oliver & Williams, steel rings, 39 Pitts, Boston, Mass.
Olivia Canning, Preserving & Mfg. Co., Olivia, Minn.
Olivoint Chemical Co., 4273 California, San Francisco, Cal.
Olley, Geo., masons' & bldrs.' matls., Racine, Wis.
Ollie & McKean Lumber Co., North Tonawanda, N. Y.
Ollinger, Harry W., machinist & founder, Mobile, Ala.
Olmo, Frank, cornices & skylights, 3460 Mission, San Francisco, Cal.
Olmstead, A. E., machinist & founder, Orwell, N. Y.
Olmstead Bros., architects, Brookline, Mass.
Olmstead Bros. Co., advtg. spec., 9 14th, Wheeling, W. Va.
Olmstead, Fernando C., contractor, Danbury, Conn.
Olmstead-Flint Co., belting mfrs., 32 Water, Lawrence, Mass.
Olmstead-Thomson Mfg. Co., plumbers' wood work, New Britain, Conn.
Olmstead & Tuttle Co., calking cotton, mattresses, etc., Chicopee, Mass.
Olmstead, W. H., Mfg. Co., insulators, 526 Townsend av, Detroit, Mich.
Olmsted Co., harness, saddles & strap work mfrs., Syracuse, N. Y.
Olmsted's, L. H., Son, machsts., Hasbrouck Heights, N. J.
Olney, B., Canning Co., Oneida, N. Y.
Olney & Floyd, canned goods, Westernville, N. Y.
Olney, G. W., Woolen Co., Cherry Valley, Mass.
Olney Milling Co., flour, Olney, Ill.
Olney Paving Brick & Tile Mfg. Co., Olney, Ill.
Olney & Payne Bros., masons' & bldrs.' matls., Pawtucket, R. I.
Olney & Warrin, mill & facty. supplies, 406 Broome, New York.
Olney Woolen Mills, Cherry Valley, Mass.
Olneyville Hay & Grain Co., masons' & bldrs.' matls., 23 Manton av, Providence, R. I.
O'Loughlin, James, contractor, Hartford, Conn.
Olphert, Geo. H., Jr., architect, Proctor Bldg., Mount Vernon, N. Y.

Olschner, C. E., architect, Commercial Nat. Bk. Bldg., Shreveport, La.
Olsen, Andrew, machst. & fndr., 39 Union, Brooklyn, N. Y.
Olsen, C. H., contractor, Stillwater, Minn.
Olsen & Lesh, contractors, Exchange Bldg., Memphis, Tenn.
Olsen, O. C. S., Co., desk mfrs., 2511 Moffat, Chicago, Ill.
Olsen, O. Herman, contractor, 1558 Crotona Park E., New York.
Olsen, P. M., architect, Sellwood Bldg., Duluth, Minn.
Olsen, Paul F., architect, 110 S. Dearborn, Chicago, Ill.
Olsen, Peter S., & Co., heating contrs., 154 W. Randolph, Chicago, Ill.
Olsen & Tilgner Mfg. Co., machsts., 2280 Elston av, Chicago, Ill.
Olsen, Tinius, Testing Machine Co., machinery mfrs., 500 W. 12th, Philadelphia, Pa.
Olson, A. J., & Co., furnaces, 217 W. Lake, Chicago, Ill.
Olson & Bergquist, contractors, Ironwood, Mich.
Olson-Boettger Elec. Mfg. Co., 413 N. Franklin, St. Paul, Minn.
Olson Broom Co., Sterling, Kans.
Olson Bros., cornices & skylights, Omaha, Neb.
Olson Bros., contractors, 6200 Evans av, Chicago, Ill.
Olson, Charles T., architect, Brockton, Mass.
Olson Construction Co., Lincoln, Neb.
Olson & Detlie Carriage Co., Sioux Falls, S. D.
Olson, J. H., contractor, 4012 S. State, Chicago, Ill., & Willmar, Minn.
Olson, John, contractor, Danville, Ill.
Olson, John, fullers earth, Benton, Ark.
Olson & Johnson, contractors, Missoula, Mont.
Olson-Klopf Welding & Cutting Co., antogenous, Seattle, Wash.
Olson & Mahoney Lumber Co., 5th & Channell, San Francisco, Cal.
Olson Mfg. Co., feed & litter carriers, hay tools, Albert Lea, Minn.
Olson Mfg. Co., screw machine products, Worcester, Mass.
Olson, Nels M., flour mills, Mazeppa, Minn.
Olson & Nelson Cut Stone Co., 3401 S. La Salle, Chicago, Ill.
Olson-Nicholson Co., Inc., contrs., Seattle, Wash.
Olson, O. C., agricultural implements, Waupun, Wis.
Olsen, O. L., arch'l iron, 203 Diamond, Brooklyn, N. Y.
Olson, Oliver, & Son, Clarinda, La.
Olson, Peter T., contractor, Galesburg, Ill.
Olson-Schmidt Constr. Co., St. Joseph, Mo.
Oltman, L. P., contractor, Grand Rapids, Mich.
Oltman, Schmidt & Co., machsts., Peoria, Ill.
Oltmer Iron Works, mchsts. & fndrs., Hoboken, N. J.
Olvany, Wm. J., steam & hot water heating contr., 177 Christopher, New York.
Olympia Door Co., lumber, Olympia, Wash.
Olympia Games Co., toys, games & Nov., 126 S. Clinton, Chicago, Ill.
Olympia Hardware Co., cornices & skylights, Olympia, Wash.
Olympia Knitting Mills, sweaters, cardigans, etc., 15 Mercer, New York.
Olympian Knit Goods Co., sweaters, cardigans, etc., New Hartford, N. Y.
Olympian Motors Co., Pontiac, Mich.
Olympic Foundry Co., Seattle, Wash.
Olympic Portland Cement Co., Ltd., Seattle, Wash.
Olympic Steel Wks., Seattle, Wash.
Olyphant Foundry Co., Olyphant, Pa.
Olyphant Silk Co., silk fringes, Olyphant, Pa.
Omaha Alfalfa Milling Co., meal, Omaha, Neb.
Omaha Box Co., Omaha, Neb.
Omaha Brick & Tile Co., Omaha, Neb.
Omaha Canning Co., Omaha, Ill.
Omaha Carriage Top Co., Omaha, Neb.
Omaha Clay Works, Omaha, Neb.
Omaha Cooperage Co., Omaha, Neb.
Omaha Cotton Oil Co., meal, Omaha, Tex.
Omaha Electrical Works, Omaha, Neb.
Omaha Fiber & Corrugated Box Co., Omaha, Neb.
Omaha Fixture & Supply Co., Omaha, Neb.
Omaha Folding Machine Co., Omaha, Neb.
Omaha Foundry Co., Omaha, Neb.
Omaha General Iron Works, Omaha, Neb.
Omaha Hardwood Lumber Co., Omaha, Neb.
Omaha Leather Co., Omaha, Neb.
Omaha Machine Works, Omaha, Neb.
Omaha Metal & Rubber Co., Omaha, Neb.
Omaha Optical Co., Omaha, Neb.
Omaha Packing Co., meat, Halsted & Lumber, Chicago, Ill.
Omaha Planing Mill Co., sashes, doors & blinds, Omaha, Neb.
Omaha Reed & Rattan Co., Omaha, Neb.
Omaha Sanitary Supply Co., steam fitters' & plumbers' supplies, jobbers, Omaha, Neb.
Omaha Steel Ceiling Co., Omaha, Neb.
Omaha Stove Repair Works, Omaha, Neb.
Omaha Structural Steel Works, Omaha, Neb.
Omaha Trunk Factory, Omaha, Neb.
Omaha Wood Working Co., Omaha, Neb.
O'Mahoney, M., Co., masons' & bldrs'. matls., Lawrence, Mass.
Omak Lumber Co., Omak, Wash.
O'Malley-Beare Valve Co., Ry. Exchange Bldg., Chicago, Ill.
O'Malley, Jno. F., architect, 75 Westminster, Providence, R. I.
O'Malley, Peter J., contractor, Waltham, Mass.
Oman Bowling Green Stone Co., Bowling Green, Ky.
O'Mara Bros. Brick Co., Terre Haute, Ind.
O'Mara Heating Co., Victoria Bldg., St. Louis, Mo.
O'Meara Bros., paint, Hillsdale, Mich.
O'Meara Constr. Co., 253 S. Quince, Philadelphia, Pa.
O'Meara, J. (Inc.), valve mfr., etc., 2 Lispenard, New York.
O'Meara, Maurice, Co., rubber roofing, 448 Pearl, New York.
O'Melia, J. H., Lumber Co., Rhinelander, Wis.
Omo Mfg. Co., rubber goods, Middletown, Conn.
Omohudio Bros. Lumber Co., Griffin, Fla.
Omohundro, T. E., canned goods, Farmers Fork, Va.
Omolite Co., light controlling devices, Jamestown, N. Y.
Omslaer Co., contractors, 211 E. Robinson, N. S., Pittsburgh, Pa.
Omstead, O. J., turpentine, Millcreek, Fla.
Onalaska Pickle & Canning Co., Onalaska, Wis.
Onderdonk, C. B., architect, Pocatello, Idaho.
One Hand Auto Top Co., 25 E. Jewett av, Buffalo, N. Y.
One Minute Mfg. Co., machsts. & fndrs., Newton, Ia.
One Piece Chaplet Works, 3327 Ludlow, Phila., Pa.
O'Neal, C. L., lime mfrs., Eureka, Ala.
O'Neal-Gowen Lumber Co., Everett, Wash.
O'Neal, Wm., Co., culverts—road, Crawfordsville, Ind.
Oneida Chain Co., Oneida, N. Y.
Oneida Community, Ltd., canned goods, silverware & traps, Oneida, N. Y.
Oneida County Canning Co., Ltd., Verona, N. Y.
Oneida Lime Co. (Ltd.), Buffalo, N. Y.
Oneida Motor Truck Co., Green Bay, Wis.
Oneida National Chuck Co., Oneida, N. Y.
Oneida Wood Pulley Co., Oneida, N. Y.
O'Neil Bros., cotton waste, Oxford & Howard, Philadelphia, Pa.
O'Neil, Francis A., architect, 108 Fulton, New York.
O'Neil, Geo. F., contractor, Binghamton, N. Y.
O'Neil, H. C., brick, Montowese, Conn.
O'Neil, J. H., Jr., wooden clamps, mallets & wood turnings, 525 Main, Pawtucket, R. I.
O'Neil, Jas., carriages, Binghamton, N. Y.
O'Neil, Jas., contractor, Binghamton, N. Y.
O'Neil, Jerry, stone, F. & Wyoming, Philadelphia, Pa.
O'Neil, John P., contractor, Faribault, Minn.
O'Neil Lbr. Co., Kings Highway & Swan av, St. Louis, Mo.
O'Neil, M. J., mill & facty. supplies, Henderson, N. C.
O'Neil Oil & Paint Co., S. Water, Milwaukee, Wis.
O'Neil & Preston, contrs., 60 E. 6th, St. Paul, Minn.
O'Neil, T. L., portable grain elevator, disc harrows, street flushing machines, Marseilles, Ill.
O'Neil Tire & Rubber Co., Akron, Ohio.
O'Neil, W. H., & Co., lumber, Dallas, Tex.
O'Neil, W. J., & Co., wholesale hardware, Fresno, Cal.
O'Neil, Wm. F., contractor, Hartford, Conn.
O'Neil, Wm., & Son Co., contractors, Faribault, Minn.
O'Neill, Edward C., contractor, Montclair, N. J.
O'Neill Elevator Co., 628 Cherry, Philadelphia, Pa.
O'Neill, J. J., Co., contractors, Holyoke, Mass.
O'Neill Lumber Co., Jersey av., Jersey City, N. J.
Oneill Machine Co., Toledo, Ohio.
Oneill, M., Supply Co., pipe jobbers, 25 Cliff, New York.
O'Neill Mfg. Co., masons' & bldrs.' matls., Rome, Ga.
O'Neill, Maurice R., contractor, 143 Dyer, Providence, R. I.
O'Neill, Michael, archl. iron, 1531 Filbert, Philadelphia, Pa.
O'Neill & O'Neill, belt buckles, 82 Union, Newark, N. J.
O'Neill Stone Co., Conshohocken, Pa.
O'Neill, Wm. A., masons' & bldrs.' matls., Lima, N. Y.
Onen Hardware Co., Dowagiac, Mich.
Oneonta Oil & Fertilizer Co., Oneonta, Ala.
Onken, Oscar, & Co., window display fixtures, 4th & Cutter, Cincinnati, Ohio.
Ono Frezo Fire Extinguisher Mfg. Co., 214-16 S. 17th, extinguishers, fire, St. Louis, Mo.
Onondaga Bed Mfg. Co., mattresses, Syracuse, N. Y.
Onondaga Brass Co., machinists, Syracuse, N. Y.
Onondaga Coarse Salt Association, Syracuse, N. Y.
Onondaga Indian Wigwam Co., Syracuse, N. Y.
Onondaga Litholite Co., artificial bldg. stone, Syracuse, N. Y.
Onondaga Paper Co., Marcellus Falls, N. Y.
Onondaga Pottery Co., Syracuse, N. Y.
Onondaga Steel Co., high-speed steel converters, Syracuse, N. Y.
Onondaga Storage Battery Co., Syracuse, N. Y.
Onondaga Vitrified Brick Co., Syracuse, N. Y.
Onstine, A., lumber, Echo, Wash.
Ontalaunee Slate Mfg. Co., Lynnport, Pa.
Ontario Coal Co., masons' & bldrs.' matls., Geneva, N. Y.
Ontario Drill Co., East Rochester, N. Y.
Ontario Knife Co., Franklinville, N. Y.
Ontario Mfg. Co., machinists, Ontario, Cal.
Ontario Talc Co., Gouverneur, N. Y.
Ontario Thread Co., 17 Waverly pl., New York.
Onward Mfg. Co., commutator compounds, Menasha, Wis.
Onyx Oil & Chemical Co., Jersey City, N. J.
Oostburg Canning Co., Oostburg, Wis.
Opal Chemical Co., bronzing liquids, Kenilworth, N. J.
Opal Sign Co., 254 10th av., New York.
Opalescent Bent Glass Co., shades, 106 7th av, New York.
Opalite Tile Co., Monaca, Pa.
Opalux Co., shades & reflectors, 200 5th av, New York.
Opdenweger-George Lumber Co., Perdido & Lopez, New Orleans, La.
Opdenweyer, Alcus, Cypress Co., Sorrento, La.
Opdike, F. W., architect, Bisbee Bldg., Jacksonville, Fla.

Opelika Oil Mill Corp., fertilizer mfrs., Opelika, Ala.
Open Coil Heater & Purifier Co., Indianapolis, Ind.
Operative Miller, trade publications, 721 S. Wood, Chicago, Ill.
Operators' Piaon Co., 16 S. Peoria, Chicago, Ill.
Opie, J. W., Brush Co., Kansas City, Mo.
Opit, John, & Co., stone producers, Oak Park, Ill.
Oplinger, G. T., architect, Slatington, Pa.
Oppel, Rudolph, cornices & skylights, 230 E. 22d, New York.
OPPENHEIM-RAMSEY CO., INC., mail advertising in all its branches, 618 Mission, San Francisco, Cal.
Oppenheimer & Co., second hand bags, Buffalo, N. Y.
Oppenheimer, J., & Co., scrap brass, copper, iron & steel, 81 Fulton, New York.
Oppenheimer, S., & Co., sausage making machines, 2700 S. Wabash av., Chicago, Ill.
Opperman, C. B., architect, Webster Groves, Mo.
Optenberg Iron Works, Sheboygan, Wis.
Optical Journal & Review, trade publication, 11 John, New York.
Optical Lens Co., lenses, Southbridge, Mass.
Optical Specialty Mfg. Co., optical goods, Southbridge, Mass.
Optigraph Co., moving picture machines, 564 W. Randolph, Chicago, Ill.
O'Quinn, W. J., & Sons, turpentine, Odum, Ga.
O'Quinn-William Lumber Co., Ltd., Natchitoches, La.
Oram, Jas. C., & Co., stencils, 100 W. South Water, Chicago, Ill.
Oram, Jno. S., Co., machinery, pumps, steamers, knives, etc., Cleveland, Ohio.
Orange Carriage Co., Orange, N. J.
Orange Cotton Mills, rope, twine, Orangeburg, S. C.
Orange Hardware Co., Orange, Mass.
Orange Iron Works, Orange, Tex.
Orange Mch. & Mfg. Co., Orange, N. J.
Orange Mfg. Co., metal buttons, 178 Emmette, Newark, N. J.
Orange Rice Mill Co., Orange, Tex.
Orangeburg Fertz. Co., Orangeburg, S. C.
Orangeburg Mfg. Co., cotton sheetings, Orangeburg, S. C.
Orbon Stove & Range Co., Belleville, Ill.
Orcas Lime Co., Deer Harbor, Wash.
Orchard, Wm. H., architect, 9 E. 40th, New York.
Orcutt, B. L., & Sons, butter tubs, Dickinson Center, N. Y.
Orcutt Pipe Hanger Co., Toledo, Ohio.
Ord Milling Co., flour, Ord, Neb.
Ordinator Co., window shades, 101 Park av, New York.
Ordnance Engineering Corp., airplane parts supplies, 120 B'way, New York.
Ordway, Chas., evaporators, distilling app., 25 Church, New York.
Ore. Boiler Works, tubular, Seattle, Wash.
ORE. BRASS WORKS, Portland, Ore.
Ore. Canning Co., Oregon, Mo.
Ore. City Foundry, Ore. City, Ore.
Ore. City Mfg. Co., blankets, robes, Ore. City, Ore.
Ore. Fisheries Co., canners, Bay City, Ore.
Ore. Iron & Steel Co., Concord Bldg., Portland, Ore.
Ore. Lumber Co., Baker, Ore., & Denver, Colo.
Ore. Packing Co., canned goods, Portland, Ore.
Ore. Portland Cement Co., Oswego, Ore.
Ore. Sheet Metal Works, Portland, Ore.
Ore. Short Line R. R., mchsts. & fndrs., Salt Lake City, Utah.
Ore. State Agricultural Coll., Corvallis, Ore.
Ore.-Washington Lumber & Mfg. Co., Seattle, Wash.
Ore. Woodenware Mfg. Co., Portland, Ore.
Oregonia Bridge Co., Lebanon, O.
O'Reilly Contrg. Co., 90 Neptune av, Jersey City, N. J.
O'Reilly Lumber Co., Main & Chambers, St. Louis, Mo.
O'Reilly, M. J., natural gas burners, 217 Franklin, Buffalo, N. Y.
Orestes Drain Tile Co., Orestes, Ind.
Orford Soap Co., Manchester, Conn.
Organ Blowing Engine Co., motors, Fond du Lac, Wis.
Organ Power Co., blowers, 620 Capitol av, Hartford, Conn.
Organ & Stohr, contractors, Everett, Wash.
Organic Products Corp., betha naphtol, Schenectady, N. Y.
Orgill Bros. & Co., whosale hardware, Memphis, Tenn.
Orgler Envelope Co., 66 Duane, New York.
Oriel Cabinet Co., Grand Rapids, Mich.
Oriel Glass Co., 722 Chestnut, St. Louis, Mo.
Orient Coke Co., Uniontown, Pa.
Orient Milling Co., flour, Chillicothe, Tex.
Oriental Emery Co., New Haven, Conn.
Oriental Glass Co., 800 Sarah, Pittsburgh, Pa.
Oriental Rouge Co., buffing compositions & metal polish, Bridgeport, Conn.
Oriental Textile mills, burlap, Houston, Tex.
Oriental Varnish Wks., 979 Franklin av, Brooklyn, N. Y.
Original Gas Engine Co., Lansing, Mich.
Original Mfg. Co., toys, games, etc., Greenville, Mich.
Originator Mfg. Co., coffee & peanut roasters, 302 B'way, New York.
O'Riorden, P., contractor, 1 Waverly Blk., Boston, Mass.
Oriskany Malleable Iron Co. (Ltd.), fndrs., Oriskany, N. Y.
Orleans Bobbin Works, Newport, Vt.
Orleans County Canning Co., Barre Center, N. Y.
Orleans County Quarry Co., stone producers, Albion, N. Y.
Orleans Felt Mattress Works, 512 Conti, New Orleans, La.
Orleans Mfg. Co., coffins, New Orleans, La.
Orleans Metal Bed Co. (Ltd.), 518 City Park, New Orleans, La.
Orleans Sand Stone Co., Syracuse and Holley, N. Y.
Orlopp, H. A., architect, 107 Texas, El Paso, Tex.
Orman Lumber Co., Lancaster, O.
Orman-Partee Saddlery Co., Nashville, Tenn.
Orme-McMahon-Thompson Co., masons' & bldrs.' matls., Cambridge, Ohio.
Orme's, Hy., Sons, mchsts & fndrs., St. Paul, Minn.
Ormsby, E. A., & Sons, ventilating apparatus, Melrose Sta., Boston, Mass.
Ornamental Art Metal Works, 50 Church, New York.
Ornamental Iron & Bronze Co., mchsts. & fndrs., 10611 Quincy, Cleveland, Ohio.
Ornamental Iron & Wire Works, Detroit, Mich.
Ornamental Iron Works Co., Akron, Ohio.
Ornamental Lighting Pole Co., 114 Liberty, New York.
Ornamental Products Co., classic wood carvers, Detroit, Mich.
Ornamental Wire & Iron Co., Elliott & University, St. Louis, Mo.
Ornamental Woodworking Co., mantels, Springfield, Mass.
Ornate Mfg. Co., portables, 200 5th av, New York.
Orndorff & Cheney, flour mills, Adairville, Ky.
Orndroff, M. M., lime mfrs., Oranda, Va .
Orndorff, O. F., agricultural implements, Council Bluffs, Ia.
Orne & Lawrence, contractors, 39 Court, Boston, Mass.
Orner, J. W., contractor, Altoona, Pa.
Oro Grande Lime & Stone Co. Works, Halleck, Cal.
Orofino Portland Cement Co., Spokane, Wash.
Orona Mfg. Co., metal polish, hand soap, 224 Milk, Boston, Mass.
Orono Pulp & Paper Co., Bangor, Me.
Oronogo Machy. Co., Oronogo, Mo.
O'Rourke & Briscre, J., Sons, architects bldg., Newark, N. J.
O'Rourke Bros., stone, Salem, Mass.
O'Rourke Engineering Constr. Co., 17 Battery pl., New York, & Weehawken, N. J.
O'Rourke, J. P., heating contractors, Prosser, Wash.
O'Rourke, John, contractor, White Plains, N. Y.
O'Rourke, John H., Co., contractors, 264 39th, Brooklyn, N. Y.
Oroville Dredging, Ltd., 25 Broad, New York.
Orpin Bros., desk mfrs., Charlestown, Boston, Mass.
Orr & Booth, architects, Meriden, Conn.
Orr Bros. Supply Co., mill & facty. supplies, Cedar Rapids, Ia.
Orr, C. F., & Co., uniforms, 209 S. State, Chicago, Ill.
Orr Cotton Mills, sheetings, Anderson, S. C.
Orr Felt & Blanket Co., Piqua, Ohio.
Orr, Fred J., architect, Athens, Ga.
Orr, Galen & Co., hardware manufacturers, Needham, Mass.
Orr, Hugh, architect, 88 Broad, Boston, Mass.
Orr Iron Co., who. hdwe., mill & facty. supplies, etc., Evansville, Ind.
Orr, J. C., & Co., sash, door, lbr., etc., mfrs., West & Java, Brooklyn, N. Y.
Orr, J. C., & Son, contrs., Altoona, Pa.
Orr, Jas. W., contractor, 6618 Torresdale av., Philadelphia, Pa.
Orr & Jennings, machsts., Portland, Me.
Orr, Jno. F., architect, Cambridge, O.
Orr, Robt. H., architect, Van Nuys Bldg., Los Angeles, Cal.
Orr & Sembower, engines & boiler mfrs., Reading, Pa.
Orr, Ulysses G., architect, 32 Builders' Exchange, Buffalo, N. Y.
Orr, Wm. L., packing box mfr., 1609 S. 19th, Philadelphia, Pa.
Orrock Carriage Co., Denver, Colo.
Orrtanna Canning Co., Orrtanna, Pa.
Orrville Bedding Co., Orrville, O.
Orrville Milling Co., Orrville, O.
Orswell Igniter Co., 95 Milk, Boston, Mass.
Ort & Lang, wagon spokes, Vanceburg, Ky.
Ortega, E. C., canned goods, 602 Santa Fe av, Los Angeles, Cal.
Orth, Adam J., Co., cornices, 170 Hastings, Detroit, Mich.
Orth, Frank, contractor, Indiana Harbor, Ind.
Orth, Geo. S., & Bros., architects, Farmers Bank Bldg., Pittsburgh, Pa.
Ortil, Chas. F., cornices & skylights, 2510 Barber av, S. W., Cleveland, Ohio.
Ortman, F. A., common brick, Cullum, Ill.
Ortman, F. C., stone producers, 1099 Wabash, Detroit, Mich.
Ortmann, A., & Son, advtg. nov. & spec., 2340 3d av, New York.
Ortmayer, A., & Son, collars, 165 W. Illinois, Chicago, Ill.
Ortner, Geo. J., mach. & fndr., Pueblo, Colo.
Ortner, Jno. E., & Co., silver nov., 481 Washington, Newark, N. J.
Ortner, Jos. J., dumb waiters, 481 Washington, Newark, N. J.
Orton Machine Co., 315 Fremont, San Francisco, Cal.
Orton & Steinbrenner Co., mchsts., 610 S. Dearborn, Chicago, Ill.
Orum, Morris L., machinist, 503 N. 11th, Philadelphia, Pa.
Orvis, Chas. F., Co., fishing bait, reels & rods, Manchester, Vt.
Orwich, Sherman, lumber, Wattsville, Ohio.
Orwiler & Armstrong, sashes, doors & blinds, Nevada, Ohio.
Osada Sheet Metal & Wood Works, closet seats, 1422 S. Front, Philadelphia, Pa.
Osage Fdry. & Mach. Co., Bartlesville, Okla.
Osage Mfg. Co., cotton sheetings, Bessemer City, N. C.
Osakis Milling Co., flour, Osakis ,Minn.
Osborn, C. D., Co., leather gloves, 2201 Wabansia av, Chicago, Ill.
Osborn, C. J., Co., color mfrs. & imprtrs., 132 Nassau, New York
Osborn-Crew Mfg. Co., cleaners, dressers, Cleveland, Ohio.
Osborn, D. M., Machy. Dlrs. Co., Cleveland, Ohio.
Osborn Engineering Co., 2848 Prospect av, Cleveland, Ohio.
Osborn, F. C., mchst. & fndr., 64 Lawrence av, Detroit, Mich.
Osborn, H. A., canned goods, Havre de Grace, Md.

Osborn, Harris, architect, Hearst Bldg., San Francisco, Cal.
Osborn, J. H., Lumber Co., Humboldt, Kans.
Osborn, J. K., Mfg. Co., brass fndrs., Harrison, N. J.
Osborn, J. M. & L. A., Co., maple sugar, reducers, registers, Cleveland, Ohio.
Osborn Lumber Co., Osborn, Ohio.
Osborn Machine Co., Dubois, Pa.
Osborn Mfg. Co., animal cages, 675 Hudson, New York.
Osborn Paper Co., pads & tablets, Marion, Ind.
Osborn & Son, masons' & bldrs.' matls., Monticello, N. Y.
Osborn, W. B., Machy. Co., Clarksburg, W. Va.
Osborn, W. H., Co., canned goods, Honeoye Falls, N. Y.
Osborn, W. W., & Son, contrs., Mariners Harbor, N. Y.
Osborn & Whitney, canned goods, Rush, N. Y.
Osborne, A. C., masons' & bldrs.' matls., Danbury, Conn.
Osborne, C. S., & Co., harness makers' tools, presses, etc., Harrison, N. J.
Osborne & Clark, flooring, 300 Lbr. Ex., Minneapolis, Minn.
Osborne Co., advtg. nov. & spec., 759 Summer av, Newark, N. J.
Osborne, Edwin, contractor, Franklin, Pa.
Osborne & Flinkers, sash, door & blind, 10217 Berea rd, N. W., Cleveland, Ohio.
Osborne, Geo. H., brass castings, New Britain, Conn.
Osborne, H. A., & Son, contrs., Danville, Va.
Osborne & Marsellis Co., contractors, Montclair, N. J.
Osborne & Moise, architects, 15 Beacon, Boston, Mass.
Osborne & Sexton Machinery Co., 4th & Russell, Columbus, Ohio.
Osborne & Stephenson Mfg. Co., screw mach. products, Plainville, Conn.
Osborne, W., & Co., tacks, Lakeville, Mass.
Osborne, Wm., sweaters, etc., 1118 W. Montgomery av, Philadelphia, Pa.
Osborne, William L., common brick, Leominster, Mass.
Osborn's, J. F., Sons, machsts. & fndrs., Clarksburg, W. Va.
Osburn, Millard P., & Co., architects, 34 S. 17th, Phila., Pa.
Oscawane Bldg. Co., 101 Park av, New York.
Osceola Cotton Oil Co., Osceola, Ark.
Osceola Fertilizer Co., Jacksonville, Fla.
Osceola Silica & Fire Brick Co., Osceola Mills, Pa.
Osceola Turpentine Co., Branford, Fla.
Oschwald Brick Wks., Cliffwood, N. J.
Oschwald Bros., contractors, 845 Broad, Newark, N. J.
Oser Bros., architects, 165 Post, San Francisco, Cal.
Osgood & Blodgett Mfg. Co., interior finish mfrs., Duluth av & E. 7th, St. Paul, Minn.
Osgood Co., steam shovels, dredging machy., etc., Marion, Ohio.
Osgood Construction Co., Nashua, N. H.
Osgood, David J., Co., contractors, 220 W. Elizabeth, Detroit, Mich.
Osgood, E. B., masons' & bldrs.' matls., Claremont, N. H.
Osgood, H. H., & Co., weather strips, 4 Washington, N., Boston, Mass.
Osgood, Isaac, spiral oil grooving machs., Amesbury, Mass.
Osgood, J. L., machinery dealer, 45 Pearl, Buffalo, N. Y.
Osgood, J. L., Tool Co., Buffalo, N. Y.
Osgood Lime Stone Co., Osgood, Ind.
Osgood, Sidney J., architect, New Herald Bldg., Grand Rapids, Mich.
O'Shea, A. J., architect, Fargo, N. D.
O'Shea, W. L. & G. H., contractors, 29 B'way, New York.
O'Shea, Wm., & Son, contrs., 526 Ridgewood av, Minneapolis, Minn.
Oshkosh Bedding & Couch Co., Oshkosh, Wis.
Oshkosh Bottle Wrapper Co., packing matl., bottle wrappers, furniture pads, etc., Oshkosh, Wis.
Oshkosh Excelsior Mfg. Co., excelsior, wood wool, Oshkosh, Wis.
Oshkosh Trunk Co., Oshkosh, Wis.
Osiason, J., mattresses, Fall River, Mass.
Oskamp, Nolting Co., silver novelties, 30 W. 7th, Cincinnati, Ohio.
Osmundson Spade Mfg. Co., Perry, Ia.
O-So Ezy Prodts. Co., mops & polishers, 1423 Carroll av, Chicago, Ill.
Ostdiek, H. B., common brick, Ottumwa, Ia.
Ostenberg, Chas., sash, door & blind mfrs., Okanogan, Wash.
Ostendorf, W. G., wood mantels, 2923 N. Broad, Phila., Pa.
Oster Bros., carriages, 1418 Frenchmen, New Orleans, La.
Oster Mfg. Co., pipe cutting & threading tools, E. 61st, Cleveland, Ohio.
Ostergren, Robert C., architect, 919 11th, S. La Salle, Chicago, Ill.
Ostergren, Sam'l, cornices & skylights, 725 3d av, Bklyn, N. Y.
Osterhage, Louis H., architect, Vincennes, Ind.
Osterhorn, Robt., architect, 1023 N. 6th, St. Louis, Mo.
Osterhoudt, P. C., & Co., contractors, Kingston, N. Y.
Osterhourt, Guy W., architect, Connell Bldg., Scranton, Pa.
Osterlind Printing Press & Mfg. Co., bag printing machinery, St. Paul, Minn.
Osterling, F. J., architect, 316 4th, Pittsburgh, Pa.
Osterman, H. G., Co., wall pockets, 29 B'way, New York.
Osterman & Sebert, architects, Walla Walla, Wash.
Ostermoor & Co., mattresses & bedstead mfrs., 116 Elizabeth, New York.
Ostheimer, Wm. H., steam & hot water htg. contr., 385 7th av, Brooklyn, N. Y.
Ostholthoff & Braukmann, carriages, 42 W. McMicken av, Cincinnati, Ohio.
Ostlind, Benjamin, architect, Marshfield, Ore.
Ostling, Andrew, contractor, Sioux City, La.
Ostrander Fire Brick Co., Troy, N. Y.
Ostrander R'y & Timber Co., lumber, Ostrander, Wash.
Ostrander-Seymour Co., machinists, 7 S. Dearborn, Chicago, Ill.
Ostrander, W. R., & Co., battery holders, 371 B'way, New York.
O'Sullivan, Jas., & Son Co., contractors, Port Huron, Mich.
O'Sullivan, John A., bldg. contractor, Cambridge, Mass.
O'Sullivan, John J., architect, 314 Main, Worcester, Mass.
O'Sullivan, Joshua C., architect, 146 E. 12th, Erie, Pa.
O'Sullivan, M. F., contractor, 145 Oak, Toledo, Ohio.
O'Sullivan Rubber Co., 131 Hudson, New York.
Oswald Bros., contrs., 356 S. B'way, Los Angeles, Cal.
Oswald Bros., masons' & bldrs.' matls., Weston, Ohio.
Oswaygo Chemical Co., acetate of lime, wood alcohol, etc., Bradford, Pa.
Oswego Falls Pulp & Paper Co., Fulton, N. Y.
Oswego Machine Wks., bookbinding, paper cutting, pinking & scalloping machines, etc., Oswego, N. Y.
Oswego Milling Co., mixed feed, Oswego, Kan.
Oswego Preserving Co., canned goods, Oswego, N. Y.
Oswego River Paper Mills, Phoenix, N. Y.
Oswego Shade Cloth Co., Oswego, N. Y.
Oswego Tool Co., Oswego, N. Y.
Other, J. C., Art Glass Co., 312 N. 17th, St. Louis, Mo.
Otis Bed Mfg. Co., 818 Main, Buffalo, N. Y.
Otis Boiler Co., Inc., automobile car heating & vaporizing boilers, 335 W. 1st, Oswego, N. Y. *See adv. index at end of book.*
Otis Cement Construction Co., Hammond Bldg., Detroit, Mich.
Otis & Clark, architects, 6 N. Michigan av, Chicago, Ill.
Otis Co., denims, Boston, Mass.
Otis Elevator Co., 11th av & 26th, New York.
Otis, H. F., contractor, 488 Clermont av, Brooklyn, N. Y.
Otis, J. W., contractor, Antigo, Wis.
Otis Mach. Wks., Rochester, N. Y.
Otis Mfg. Co., lumber, Octavie & River, New Orleans, La.
Otis Steel Co., Leader-News Bldg., 3441 Jennings rd, Cleveland, Ohio.
Otisco Canning Co., Otisco, Ind.
Otley Paint Mfg. Co., 1742 N. Winchester av, Chicago, Ill.
Otoe Food Products Co., canned goods, Nebraska City, Neb.
O'Toole Bros., cornices & skylights, Clinton, Mass.
Otsego Chair Co., Otsego, Mich.
Otsego Power & Mfg. Co., filing cabinets & devices, Otsego, Mich.
Otselic Mfg. Co., poultry coops, Whitney Point, N. Y.
Ott Benj., & Sons Co., machsts. & fndrs., La Crosse, Wis.
Ott Bros., crushed stone, Lancaster, N. Y.
Ott C. J., architect, K. of C. Bldg., Youngstown, Ohio.
Ott Edgar F., architect, Bailey Bldg., Philadelphia, Pa.
Ott Geo. F., Co., founders, 209 Buttonwood, Philadelphia, Pa.
Ott Grinder Co., cylinder inter. & universal grinder, Indianapolis, Ind.
Ott Hdwe. Co., Santa Barbara, Cal.
Ott-Heiskell Hardware Co., wholesale, 86 19th, Wheeling, W. Va.
Ott L. W., Mfg. Co., revolving chairs, Indianapolis, Ind.
Ott Matthew, & Co., contractors, 414 Warrington, Pittsb'g, Pa.
Ottawa Brick & Tile Co., Ottawa, Kan.
Ottawa Fdry. Co., Ottawa, Kan.
Ottawa Lthr. Co., 288 W. Lake, Chicago, Ill.
Ottawa Mfg. Co., oil engines, Ottawa, Kan.
Ottawa Silica Co., silica sand, Ottawa, Ill.
Ottawa Tile Co., brick, Ottawa, Ohio.
Ottaway Alfalfa Milling Co., Wichita, Kan.
Ottemiller, Wm. H., Co., screws, M. & P. R. R. & Pattison, York, Pa.
Otten Bros. Co., card cutting machines, 24 Richmond, Detroit, Mich.
Ottenheimer, Stern & Reichert, architects, 200 S. State, Chicago, Ill.
Otter Creek Boom & Lbr. Co., Hambleton, W. Va., & Witherspoon Bldg., Philadelphia, Pa.
Otter Creek Lumber Co., Otter Creek, Fla.
Otter Lake Brick & Tile Co., Otter Lake, Mich.
Otter Mfg. Co., Inc., screws, machine products, 243 W. 17th, New York.
Otter River Board Co., Otter River, Mass.
Otter River Brick Co., Otter River, Mass.
Ottman, Millard, lumber mfr., Central Bridge, N. Y.
Otto, Albert T., & Sons, automobile bldrs., 1876 B'way, New York.
Otto, Carl L., architect, 45 B'way, New York.
Otto Chemical Co., Williamsport, Pa.
Otto Coking Co., Inc., coke plant construction, 6 Church, New York.
Otto, E. O. E., contr., Oconomowoc, Wis.
Otto Gas Engine Works, 33d & Walnut, Philadelphia, Pa.
Otto, Geo. F., contractor, Savannah, Ga.
Otto & Scherf, machinists, Springfield, Ill.
Otto, Wm. H., Metal Goods Corp., kerosene burners & stoves & screw mach. prod., furnaces, 41 St. Pauls av, Jersey City, N. J.
Ottumwa Box Car Loader Co., Ottumwa, Ia.
Ottumwa Bridge Co., Ottumwa, Ia.
Ottumwa Iron Works, Ottumwa, Ia.
Ottumwa Lime & Cement Co., Ottumwa, Ia.
Ottumwa Mill & Construction Co., Ottumwa, Ia.

Ottumwa-Moline Engine & Pump Co., Ottumwa, Ia.
Ottumwa Supply & Construction Co., Ottumwa, Ia.
Ouderkirk, Thomas A., architect, Alpena, Mich.
Ouerbagh, Cameron, hangers, 224 W. Illinois, Chicago, Ill.
Ouray Hdwe. & Supply Co., mill & factory supps., Ouray, Colo.
Outagamie Paper Co., Kaukauna, Wis.
Outcalt, D. D. A., architect, Perkins Bldg., Tacoma, Wash.
Outlet Cutter Scales Co., pipe threading machines, 507 5th av, New York.
Outlook Co., windshield cleaners, 5510 Euclid av, Cleveland, Ohio.
Oval & Koster, canners' labels, Indianapolis, Ind.
Oval Oak Mfg. Co., plow handles, Siler City, N. C.
Oval Wood Dish Co., Delta, Ohio.
Oven Equipment & Mfg. Co., New Haven, Conn.
Ovenden, W. C., machinist West Boylston, Mass.
Over, Ewald, founder, Indianapolis, Ind.
Overbagh & Ayres Mfg. Co., lamp guards, shades, etc., 411 S. Clinton, Chicago, Ill.
Overbaugh-Camp Co., masons' & bldrs.' matls., Morris Dock, New York.
Overbeck, H. A., architect, Juanita Bldg., Dallas, Tex.
Overbeck, J. Ed., architect, Wilson Bldg., Dallas, Tex.
Overdorf, Wm. H., architect, Dubois, Pa.
Overdorff, Edmund, contractor, Johnstown, Pa.
Overholt Co., mitre boxes, saw guides, Galesburg, Ill.
Overholt, I. M., machinist, Seville, Ohio.
Overland Cement Plaster Co., Laramie, Wyo.
Overland Mfg. Co., manicure files, 71 W. 23d, New York.
Overly, W. F., cornices, Greensburg, Pa.
Overman Cushion Tire Co., 250 W. 54th, New York.
Overpack, S. C., carriages, Manistee, Mich.
Overson, Julius, & Co., contrs., Sioux City, Ia.
Overstreet, N. W., architect, Jackson, Miss.
Overton Adjustable Roffe Joint Mfg. Co., Coeur d'Alene, Idaho.
Overton, D. D., lbr., Greenville, N. C.
Overturf, C. W., concrete machy., Dumont, Ia.
Oviatt, A. N., architect, Guardian Bldg., Cleveland, Ohio.
Owary Hdwe. & Supply Co., whol. hdwe., Owary, Cal.
Owatonna Canning Co., Owatonna, Minn.
Owatonna Fanning Mill Co., Owatonna, Minn.
Owatonna Mfg. Co., agricultural implements, Owatonna, Minn.
Owego Bridge Corp., steel struct. wk., Owego, N. Y.
Owen, Albert S., architect, Reliance bldg., Kansas City, Mo.
Owen, Allison, architect, Inter-State bldg., New Orleans, La.
Owen-Arnold Co., caskets, etc., Allegan, Mich.
Owen Bros., carriages, Lima, Ohio.
Owen Bucket Co., 525 Rockefeller Bldg., Cleveland, Ohio.
Owen Canning Co., Owen, Wis.
Owen China Co., Minerva, Ohio.
Owen, Geo., naval architect, Newton, Boston, Mass.
Owen, J. D. & E. G., lightning rods, Janesville, Wis.
Owen, John S., Lumber Co., Owen, Wis.
Owen & Payson, architects, Scarritt Arcade, Kansas City, Mo.
Owen, T. G., machst., Newport, R. I.
Owen, W. C., architect, Leader-News Bldg., Cleveland, O., & Jackson, Tenn.
Owens, A. H., & Bro., canned goods, Perryville, Md.
Owens Bottle Machine Co., bottle machines & bottle mfrs., Toledo, Ohio.
Owens, Chas. S., architect, 6739 Bramble av, Madisonville, Cincinnati, Ohio.
Owens, Chas. W., archit., Commercial Bank Bldg., Shreveport, La.
Owens Construction Co., Mobile, Ala.
Owens, G. W., Lumber Co., Fort Worth, Tex.
Owens, H. W., architect, Xenia, Ohio.
Owens, J. A., machinist, Belle Plaine, Kans.
Owens, J. B., Floor & Wall Tile Co., Zanesville, Ohio.
Owens, J. L., & Co., agricultural implements, Fulton & S. E. Huron, Minneapolis, Minn.
Owens, John, & Co., packing box, Haverhill, Mass.
Owens, John D., & Son Co., lime mfrs., Owens, Ohio.
Owens, John, & Son, contractors, East St. Louis, Ill.
Owens, M. R., contractor, 308 Longworth, Cincinnati, Ohio.
Owens', Owen W., Sons, sea green roofing slate, Granville, N. Y.
Owens & Sisco, architects, Continental Bldg, Baltimore, Md.
Owensboro Buggy Co., carriages, Owensboro, Ky.
Owensboro Canning Co., Owensboro, Ky.
Owensboro Ditcher & Grader Co., mfrs. of road machy., Owensboro, Ky.
Owensboro Forging Co., Owensboro, Ky.
Owensboro Planing Mill Co., lumber, Owensboro, Ky.
Owensboro Sewer Pipe Co., Owensboro, Ky.
Owensboro Shovel & Tool Co., Owensboro, Ky.
Owensboro Wagon Co., Owensboro, Ky.
Owensboro Wheel Co., Owensboro, Ky.
Owings, Thomas B., architect, 347 N. Charles, Baltimore, Md.
Owl Bayou Cypress Co., lumber mfrs., Cincinnati, Ohio.
Owl Plumbing Supply Co., 967 Mission, San Francisco, Cal.
Owosso Boiler Works, Owosso, Mich.
Owosso Canning Co., Owosso, Mich.
Owosso Casket Co., Owosso, Mich.
Owosso Mfg. Co., crates, Owosso, Mich.
Owosso Mfg. Co., screens, Benton, Ark.
Owosso Sugar Co., Owosso, Mich.
Owren Castings Co., brass, bronze & aluminum castings, Attleboro, Mass.
Owsley, Burt T., contractor, 119 Jessie, San Francisco, Cal.
Owsley, C. H. & C. F., architects, Mahoning Nat. Bk. Bldg., Youngstown, Ohio.
Ox Fibre Brush Co., brush mfrs., Frederick, Md.
Oxenham, Wm. P., & Bro., canned goods, Kirkham, Md.
Oxford Buggy Co., Oxford, N. C.
Oxford Cotton Mills, Oxford, N. C.
Oxford, J. E., contractor, 310 Hemphill av, Atlanta, Ga.
Oxford Oil Co., Oxford, Ala.
Oxford Packing Works, fertilizer mfrs., Oxford, Pa.
Oxford Paper Co., 200 5th av, New York.
Oxford Plush Mills, Front & Oxford, Philadelphia, Pa.
Oxford Tripoli Sales Co., Inc., infusorial earth, 11 B'way, New York.
Oxman & Son, contrs., Ironwood, Mich.
Oxweld Acetylene Co., 640 Frelinghuysen av, Newark, N. J.
Oxy-Acetylene Appliance Co., welding & cutting apparatus, Jersey City, N. J.
Oxy-Acetylene Equip't. Co., welding apparatus, 31 West 125th, New York.
Oxyozon Disinfecting Co., 410 W. 13th, New York.
Oyen Advtg. Sign System, La Crosse, Wis.
Oyen, O. O., contractor, 718 S. 4th, Minneapolis, Minn.
Oyler Carriage Co., 120 N. 2d, St. Louis, Mo.
Oyster, L. A., machst. & fndr., Savana, Ill.
Ozan Lumber Co., Prescott, Ark.
Ozark Cooperage & Lumber Co., International Life Bldg., St. Louis, Mo.
Ozark Elec. Co., egg testers, Aurora, Mo.
Ozark Fertilizer Co., Ozark, Ala.
Ozark Land & Lumber Co., Winona, Mo.
Ozark Mfg. Co., boiler compounder, 9861 Lorain av, Cleveland, Ohio.
Ozark Smelting & Mining Co., 601 Canal rd, Cleveland, Ohio.
Ozark White Lime Co., Fayetteville, Ark.
Ozee, J. S., Sr., contractor, Mattoon, Ill.
Ozone Lumber Co., Ltd., Talisheek, La.
Ozone Pure Airfier Co., 1401 W. Jackson bl, Clicago, Ill.

Paasche Air Brush Co., 1219 W. Washington blvd., Chicago, Ill.
Pabst Brewing Co., 917 Chestnut, Milwaukee, Wis.
Pabst Schaller, mattresses, 111 E. 112th, Cincinnati, Ohio.
Paca Glass Co., homeopathic vials, 424 W. Conway, Balto., Md.
Pace Bros., contractors, Engineers Bldg., Cleveland, Ohio.
Pace Bros. & Sons, crockery, Roseville, Ohio.
Pace, S. E., architect, Covington, Va.
Pace, W. H., lumber, Athens, La.
Pacetti's, E. C., Sons, cornices & skylights, Savannah, Ga.
Pacific Aero Products Co., Seattle, Wash.
Pacific-American Fisheries, canners, So. Bellingham, Wash.
Pacific Ammonia & Chemical Co., St. Louis, Mo.
Pacific Blower & Htg. Co., 224 5th, San Francisco, Cal.
Pacific Bone, Coal & Fertilizing Co., 519 California, San Francisco, Cal.
Pacific Box Co., packing mfrs., Tacoma, Wash.
Pacific Box Factory, Beach, nr. Mason, San Francisco, Cal.
Pacific Brass & Bronze Fdry., 528 Folsom, San Francisco, Cal.
Pacific Brass & Hardware Mfg. Co., Los Angeles, Cal.
Pacific Bridge Co., ft. of E. Salamon, Portland, Ore.
Pacific Builder & Engineer, trade publication, Seattle, Wash.
Pacific Bldg. Matls. Co., 523 Market, San Francisco, Cal.
Pacific Carbonator Co., machy., 133 W. 24th, New York.
Pacific Carbonic Gas Co., ft. 6th av, Oakland, Cal.
Pacific Casket Co., 715 S. Johnson, Los Angeles, Cal.
Pacific Coast Beef & Provision Co., oils, Los Angeles, Cal.
Pacific Coast Borax Co., Oakland, Cal.
Pacific Coast Canning Co., Oakland, Cal.
Pacific Coast Concrete Co., 210 W. 7th, Los Angeles, Cal.
Pacific Coast Condensed Milk Co., Berlin, Wis.
Pacific Coast Dredging & Reclamation Co., 112 Market, San Francisco, Cal.
Pacific Coast Envelope Co., 400 2nd, San Francisco, Cal.
Pacific Coast Glass Works, bottles, 7th & Irwin, San Francisco, Cal.
Pacific Coast Gypsum Co., wall plaster mfrs., Tacoma, Wash.
Pacific Coast Lumber & Mill Co., Oakland, Cal.
Pacific Coast Mfg. Co., machsts., Los Angeles, Cal.
Pacific Coast Pipe Co., wood, Seattle, Wash.
Pacific Coast Planing Mill Co., sash, door & blind, 3310 S. Main, Los Angeles, Cal.
Pacific Coast Point Corp., 1111 11th, Oakland, Cal.
Pacific Coast Pole Co., ties, poles, etc., Spokane, Wash.
Pacific Coast Pottery & Terra Cotta Co., San Jose, Cal.
Pacific Coast Shipbuilding Co., 1st Natl. Bank bldg., San Francisco, Cal.
Pacific Coast Steel Co., Rialto Bldg., San Francisco, Cal.
Pacific Coast Syrup Co., canned goods, San Francisco, Cal.
Pacific Coast Testing Laboratory, Seattle, Wash.
Pacific Construction Co., 16 California, San Francisco, Cal.
Pacific Copper Works, 85 Minna., San Francisco, Cal.
Pacific Creamery Co., canned goods, Tempe, Ariz.
Pacific Creosoting Co., Seattle, Wash.
Pacific Door & Mfg. Co., Seattle, Wash.
Pacific Elec. Mfg. Co., enclosed fuses, circuit breakers, switches, 827 Folsom, San Francisco, Cal.
Pacific Elec. Ry Co., machsts. & fndrs., Los Angeles, Cal.
Pacific Elec. Welder Mfg. Co., welding mach., Seattle, Wash.

Pacific Engineering Co., Los Angeles, Cal.
Pacific Engineering & Construction Co., 544 Market, San Francisco, Cal.
Pacific Export Lumber Co., Portland, Ore.
Pacific Fence Constr. Co., 423 Market, San Francisco, Cal.
Pacific Fir Co., lumber mfrs.—ties, poles & posts, Seattle, Wash.
Pacific Fire Extinguisher Co., automatic fire sprinklers, 507 Montgomery, San Francisco, Cal.
Pacific Fish Co., canned goods, 112 Market, San Francisco, Cal.
Pacific Fisheries & Packing Co., Aberdeen, Wash.
Pacific Flush Tank Co., 4241 Ravenswood av, Chicago, Ill.
Pacific Foundry Co., 18th & Harrison, San Francisco, Cal.
Pacific Gas & Elec. Co., Sacramento, Cal.
Pacific Gear & Tool Works, 1055 Folsom, San Francisco, Cal.
Pacific Glass & Paint Co., Tacoma, Wash.
Pacific Guano & Fertilizer Co., 343 Sansome, San Francisco, Cal.
Pacific Hardware Co., Everett, Wash.
Pacific Hardware Mfg. Co., Los Angeles, Cal.
Pacific Improvement Co., Crocker Bldg., San Francisco, Cal.
Pacific Iron Works, Astoria & Portland, Ore.
Pacific Iron Works, brass castings, Spokane, Wash.
Pacific Kerodox Burner Co., 700 Call bldg., San Francisco, Cal.
Pacific Knitting Mills, gloves & mittens, Seattle, Wash., & Los Angeles, Cal.
Pacific Lime & Plaster Co., San Francisco, Cal.
Pacific Lock Joint Pipe Co., sewer, Seattle, Wash.
Pacific Lubricating Co., oils & greases, Seattle, Wash.
Pacific Lumber Agency, Aberdeen, Wash.
Pacific Lumber Co., Hobart Bldg., San Francisco, Cal.
Pacific Mfg. Co., sashes, doors & blinds, Santa Clara, Cal.
Pacific Manure & Fertilizer Co., 429 Davis, San Francisco, Cal.
Pacific Metal Products Co., Torrance, Cal.
Pacific Metal Works, babbit metal, Portland, Ore.
Pacific Metal Works, 153 1st, San Francisco, Cal.
Pacific Mill & Mine Supply Co., 616 Mission, San Francisco, Cal.
Pacific Mill & Timber Co., lumber mfrs., Portland, Ore.
Pacific Milling Co., cereal foods, 74 Langton, San Francisco, Cal.
Pacific Mills, cotton sheetings, Lawrence, Mass.
Pacific Mutual Door Co., porch columns, Tacoma, Wash.
Pacific National Lumber Co., Tacoma, Wash.
Pacific Nov. Co., manicure sets & hand mirrors, hair pins, etc., 41 E. 11th, New York.
Pacific Oil & Lead Works, 155 Townsend, San Francisco, Cal.
Pacific Ornamental Iron Co., Seattle, Wash.
Pacific Paper Co., Portland, Ore.
Pacific Pea Packing Co., Eau Claire, Wis.
Pacific Pennant & Novelty Co., Los Angeles, Cal.
Pacific Pipe & Supp. Co., mill & facty. supp.. Los Angeles, Cal.
Pacific Porcelain Ware Co., 67 New Montgomery, San Francisco, Cal.
Pacific Portable Construction Co., cottages, 1420 S. Hill, Los Angeles, Cal.
Pacific-Portland Cement Cons'd. Co., Pacific Bldg., San Francisco, Cal.
Pacific Pump & Supply Co., 853 Folsom, San Francisco, Cal.
Pacific Pumping Co., 350 Battery, San Francisco, Cal.
Pacific Refining & Roofing Co., 16th & Texas, San Francisco, Cal.
Pacific Rolling Mill Co., 17th & Mississippi, San Francisco, Cal.
Pacific Sanitary Mfg. Co., water closets, plbrs. supp., 67 New Montgomery, San Francisco, Cal.
Pacific Sash & Door Co., 3310 S. Main, Los Angeles, Cal.
Pacific Sewer Pipe Co., Los Angeles, Cal.
Pacific Shade Cloth Co., Oakland, Cal.
Pacific Shingle Co., lumber mfrs., Tacoma, Wash.
Pacific Ship Yards & Ways Co., 24 California, San Francisco, Cal.
Pacific Spring Bed Co., Berkeley, Cal.
Pacific States Casket Co., 235 9th, San Francisco, Cal.
Pacific States Lumber Co., Tacoma, Wash.
Pacific States Refineries, petroleum, 110 Sutter, San Francisco, Cal.
Pacific Steel & Boiler Co., 15th & Dock, Tacoma, Wash.
Pacific Steel Furn. Mfg. Co., spring beds, Seattle, Wash.
Pacific Stove & Range Mfg. Co., fndrs., St. Johns, Ore.
Pacific Structural Iron Works, 370 10th, San Francisco, Cal.
Pacific Surety Company, 341 Montgomery, San Francisco, Cal.
Pacific Surgical Mfg. Co., Los Angeles, Cal.
Pacific Tank & Pipe Co., wood stave tanks, 318 Market, San Francisco, Cal.
Pacific Tank & Silo Co., Chehalis, Wash.
Pacific Tea Packing Co., Oakland, Cal.
Pacific Tent & Awning Co., Fresno, Cal.
Pacific Timber Co., lumber, Everett, Wash.
Pacific Tool & Supply Co., owned by Berger & Carler Co., Freemont & Mission, San Francisco, Cal. Branch Offices: 110 Market, Los Angeles, Cal.; Portland, Ore., and Seattle, Wash.
Pacific Trunk & Bag Co., 533 Market, San Francisco, Cal.
Pacific Tuna Canning Co., San Diego, Cal.
Pacific Vinegar & Pickle Works, canned, 110 Market, San Francisco, Cal.
Pacific Wagon & Carriage Co., Seattle, Wash.
Pacific Wasserman Laboratories, chemists, Pacific Bldg., San Francisco, Cal.
Pacific Welding & Brazing, 503 Van Ness av, San Francisco, Cal.
Pacific Wood & Coal Co., San Diego, Cal.
Pacheo Contracting Co., Tucson, Ariz.
Pachoud, A. L., & Co., masons' & bldrs.' matls., 3459 Montgomery av, Cincinnati, Ohio.
Pachoud Bros., contractors, 1034 Kenner, Cincinnati, Ohio.
Pack, Geo. W., & Son, masons' & bldrs.' matls., Syracuse, .N Y.
Package Machinery Co., machinists, Springfield, Mass.
Packages Pub. Co., Montgomery Bldg., Milwaukee, Wis.
Packard, A., & Co., paint brushes, 166 Commercial, Boston, Mass.
Packard, Allen A., architect, 7609 Eastlake tr., Chicago, Ill.
Packard Electric Co., Warren, Ohio.
Packard, F. L., theatre architect, New Hayden Bldg., Columbus, Ohio.
Packard, Geo. A., metallurgical engr., 50 Congress, Boston, Mass.
Packard Hardware Co., Greenville, Pa.
Packard, J. R., steam fitters' supplies, Greenville, Pa.
Packard, J. S., Dredging Co., Turks Head Bldg., Providence, R. I.
Packard Lamp Works of G. E. Co., Warren, Ohio.
Packard Motor Car Co., Boulevard & Belt Line, Detroit, Mich.
Packard Piano Co., organs, Ft. Wayne, Ind.
Packard, R. G., Co., contractors, Bayonne, N. J.
Packer Auto Specialty Co., wrenches, 122 S. Michigan av, Chicago, Ill.
Packer Mfg. Co., liquid soap, 81 Fulton, New York.
Packer & Sons, horse clipping machines, La Grange, Ill.
Packer, Thos., store trucks, Union City, Conn.
Packer, W. H., fndrs., Saddle River, N. J.
Packett Motor Car Mfg. Co., 2743 Lyndale av, S., Minneapolis, Minn.
Packham Crimper Co., Mechanicsburg, Ohio.
Packwood Northwood Glass Co., Sandwich, Mass.
Pacolet Mfg. Co., cotton sheetings, Spartanburg, S. C.
Paddock, A. N., architect, South Norwalk, Conn.
Paddock Bond & Co., contractors, 25 N. Dearborn, Chicago, Ill.
Paddock Cork Co., 1209 De Kalb av, Brooklyn, N. Y.
Paddock, Frank E., contractor, Memphis, N. Y.
Paddock, J. H., Co., cork mfrs., 219 36th, Brooklyn, N. Y.
Paddock Tube Paper Co., Elbridge, N. Y.
Paddock,-Williamson Co., needle—talking machine, 1036 Euclid av, Cleveland, Ohio.
Paddon, Harold E., architect, 50 Church, New York.
Padgett, P. M., & Co., turpentine, Raiford, Fla.
Padgett, W. H., contractor, Vicksburg, Miss.
Padgitt Bros. Co., harness, saddles, etc., Dallas, Tex.
Padgitt, Tom, Co., whol. hdwe., Waco, Tex.
Paducah Box & Basket Co., Paducah, Ky.
Paducah Brick & Tile Co., Paducah, Ky.
Paducah Cooperage Co., Paducah, Ky.
Paducah Dry Dock Co., Paducah, Ky.
Paducah Pole & Timber Co., Paducah, Ky.
Paducah Pottery Co., Paducah, Ky.
Paepcke-Leicht Lumber Co., 111 W. Washington, Chicago, Ill.
Paetz, Chas. H., mattress, St. Joseph, Mo.
Paff, Chase & Co., architects, 38 Park Row, New York.
Paff, Chas., & Co., architects, Sansome, San Francisco, Cal.
Paff, Wm. A., masons' & bldrs.' matls., Wausau, Wis.
Pagan, Franklin D., architect, 57 Lawton, New Rochelle, N. Y.
Paganetti, J. S., Co., masons' & bldrs.' matls., Mount Clemens, Mich.
Pagano, Jerome, stone producers, wkrs. & dlrs., 2642 Park av, New York.
Page Belting Co., 587 Market, San Francisco, Cal.
Page Belting Co., textile mchy., supplies, etc., Concord, N. H.
Page Boiler Co., 815 Larrabee, Chicago, Ill.
Page Broom Co., Lawrence, Mass.
Page Bros. Buggy Co., carriages, Marshall, Mich.
Page, C. H., & Bro., architects, Austin Nat'l Bank Bldg., Austin, Tex.
Page, Carroll S., ground bone, Hyde Park, Vt.
Page Engng. Co., buckets, 189 W. Madison, Chicago, Ill.
Page Engineering Co., engine bldrs., Baltimore, Md.
Page, Frank W., machst. & fndr., Monticello, Ia.
Page, Fred M., & Co., gummed paper, East Lynn, Mass.
Page, Geo. G., Box Co., wooden & corrugated box makers, Cambridge, Mass.
Page, George H., architect, Pawtucket, R. I.
Page, Geo. W., architect, Rea Bldg., San Jose, Cal.
Page, Harvey L., Co., architects, 741 E. Houston, San Antonio, Tex.
Page & Hill, lbr., 812 Plymouth Bldg., Minneapolis, Minn.
Page & Jones, steamship brokers & agents, Mobile, Ala.
See adv index at end of book.
Page, Jno. M., & Co., steamfitters' supplies, Naugatuck, Conn.
Page, L. A., Lumber Co., Alexandria, Minn.
Page, Leroy J., architect, Leominster, Mass.
Page Lbr. Co., Buckley, Wash.
Page Mfg. Co., cotton batting, Cohoes, N. Y.
Page Milk Co., canned, Ubly, Mich.
Page Milling Co., flour, Luray, Va.
Page, N. L., & Son Co., packing box mfrs., Auburn, Me.
Page Needle Co., tex, machy., supplies, Chicopee Falls, Mass.
Page-Newell & Co., steel importers, 93 Broad, Boston, Mass.
Page & Page, architects, 87 Weybosset, Providence, R. I.
Page, Ralphe E., mill & facty. supp., Hartford, Conn.
Page, Samuel F., architect, 87 Milk, Boston, Mass.
Page Steel & Wire Co., copper-clad wires, 30 Church, New York.
See adv. index at end of book.

Page-Storms Drop Forge Co., bolts, forges, wrenches, etc., Chicopee, Mass.
Page, Thos., canned goods, Albion, N. Y.
Page, Thomas, Milling Co., flour, Topeka, Kans.
Page, W. C., Wirtz Co., masons' & bldrs.' matls., Ionia, Mich.
Page, Wm. H., Boiler Co., 141 W. 36th, New York.
Pagels, Wm. F., architect, 19 S. La Salle, Chicago, Ill.
Paggi, P., & Co., bags & bagging, 52 Washington, San Francisco, Cal.
Pagnod, A., & Sons, soap, 250 46th, Brooklyn, N. Y.
Pagosa Lumber Co., Pagosa Springs, Colo.
Pague Mfg. Co., tin pails, 29th & Southwest blvd., Kansas City, Mo.
Pahl, August, brick, Arcadia, Wis.
Pahl, E. F., & Co., children's carriages, 1032 3d, Milwaukee, Wis.
Pahlow Reed & Willow Mfg. Co., furniture, 132 W. 27th, New York.
Paige, C. F., & Co., mill & facty. supplies, masons' & bldrs.' matls., Athol, Mass.
Paige-Detroit Motor Car Co., McKinstry & Fort, Detroit, Mich.
Paige, E. C., children's cradles, Antrim, N. H.
Paige, Frank E., & Co., felt mills, 68 Essex, Boston, Mass.
Paige Sign Co., Worcester, Mass.
Pain & Young, landscape architects, Tampa, Fla.
Paine, A., & Son, contractors, Oswego, N. Y.
Paine Co., bolts, 140 S. Dearborn, Chicago, Ill.
Paine, C. S., Co., mattress, Grand Rapids, Mich.
Paine & Co., meat packers, Wilkes-Barre, Pa.
Paine-Fishburn Granite Co., stone producers, Grand Island, Neb.
Paine- Ford Co., mill & facty, supplies, Ashtabula, Ohio.
Paine Furn. Co., mattresses, tool chests, 81 Arlington, Boston, Mass.
Paine, H. A., machinery dealer, Houston, Tex.
Paine Lumber Co. (Ltd.), 111 W. Washington, Chicago, Ill., & Oshkosh, Wis.
Paine & Nixon Co., masons' & bldrs.' supplies, 312 W. Michican, Duluth, Minn.
Paine, O. R., machst. & fndr., Blackwell, Okla.
Paine, S. S., & Bro., masons' & bldrs.' matls., New Bedford, Mass.
Paine, Walter J., architect, Newtonville, Mass.
Painesville Coal & Builders' Supply Co., Painesville, Ohio.
Painesville Metallic Binding Co., Painesville, Ohio.
Painter, E. O., Fertilizer Co., Jacksonville, Fla.
Painter & Frankland, agricultural implements, Albion, Ill.
Painter, Joel T., Co., paint mfrs., McKeesport, Pa.
Painter, Jos., & Sons, machsts. & fndrs., Myerstown, Pa.
Painters' Magazine, trade publication, 100 William, New York.
Painton Brick Co., Troy, N. Y.
Pairpoint Corp., paper & pulp mills, New Bedford, Mass.
Paisler & Willis, masons' & bldrs.' matls., New Bedford, Mass.
Paisley, Wm. C., Roofing Co., cornices & skylights, Ottawa, Ill.
Paist, Phineas E., Esq., architect, 233 7th, Miami, Fla.
Paiste, H. T., Co., mchsts., N. 32d, cor. Arch, Phila., Pa.
Pajean, Jos., & Son, granite bldg. work, McCormick Bldg., Chicago, Ill.
Pajoro Valley Mercantile Co., masons' & bldrs.' matls., Watsonville, Cal.
Palace Hardware Co., Tacoma, Wash.
Palace Hdwe. House, 913 State, Erie, Pa.
Paladino Contr. Co., 339 E. 115th, New York.
Palaora Bros., granite prod., Barre, Vt.
Palen's, H. W., Sons, sash, door & blind mfrs., Kingston, N. Y.
Palisades Park Lumber & Supply Co., Palisades Park, N. J.
Pall Mall Elec. Co., safety razor mfrs., 128 W. 34th, New York.
Palliser & Hills, architects, 827 McIntyre Bldg., Salt Lake City, Utah.
Pallme, Edw. F., architect, 3 W. 29th, New York.
Palm, E. E., organs, Mount Penn, Pa.
Palm, Fechteler & Co., transfer ornaments, 67 5th av, New York.
Palm Iron & Bridge Works, Sacramento, Cal.
Palm, Louis F., Co., tire coolers, Defiance, O.
Palm Vacuum Cleaner Co., 2671 E. Gd. blvd, Detroit, Mich.
Palmberg & Mattson Co., contractors, Astoria, Ore.
Palmenberg's, J. R., Sons, window display fixtures, 63 W. 36th, New York.
Palmer, Albert E., & Sons, cabinet makers' iron clamps, Owosso, Mich.
Palmer, B., archl. iron, 312 W. 43d, New York .
Palmer-Bee Co., mchsts., Cameron & E. Gd. blvd. Detroit, Mich.
Palmer Bros., machsts, Belle Plaine, Ia., & Cos Cob, Conn.
Palmer Bros., stone producers, Connellsville, Pa.
Palmer, C. S., architect, 191 Church, New Haven, Conn.
Palmer, C. W., & Co., masons' & bldrs.' matls., Herkimer, N. Y.
Palmer, Chas. B., contractor, Wayne, Pa.
Palmer, Clarence C., architect, New Britain, Conn.
Palmer, Clarence William, architect, David Whitney Bldg., Detroit, Mich.
Palmer & Co., fruit evaporators, Noble, Ill.
Palmer Co., tracing cloth & paper, 157 Westminster, Providence, R. I.
Palmer-Corcoran Co., shakers, salt, etc., N. Ashland av, Chicago, Ill.
Palmer & De Mooy Foundry Co., 1658 Leonard, N. W., Cleveland, Ohio.
Palmer & Dreher, contractors, Stroudsburg, Pa.
Palmer, Edward, flour mills, Waynesboro, Va.
Palmer, Edw. L., Jr., architect, 112 Elmhurst rd, Baltimore, Md.
Palmer Electric & Mfg. Co., automatic electric switch mfrs., 60 K, Boston, Mass.
Palmer-Ellison Constr. Co., Henry Bldg., Portland, Ore.
Palmer Equipt. Corpn., rubber machy., Railway Exchange bldg., Chicago, Ill.
Palmer, F. E., architect, Pasadena, Cal.
Palmer, Fred A., contractor, 3003 Hennepin av, Minneapolis, Minn.
Palmer Fdry. Mach. Co., Palmer, Mass.
Palmer Galvanic Bed Co., mattresses, 231 E. 9th, New York.
Palmer, Geo. H., masons' & bldrs.' matls., Sheridan, Ind.
Palmer, Geo. J., cornices, West Chester, Pa.
Palmer, Geo., Lumber Co., La Grande, Ore.
Palmer & Hardin, mattresses, Louisville, Ky.
Palmer, Hy. A., machsts., Westfield, Mass.
Palmer, Henry S., Supply Co., mill & facty. supplies, Beaver Falls, Pa.
Palmer & Hornbostel, architects, 63 William, New York.
Palmer, Hornboster & Jones, architects, 345 4th av, Pittsburgh, Pa.
Palmer, I. E., Co., textile mach'y, supplies, etc., Middletown, Conn.
Palmer, J. C., masons' & bldrs.' matls., Ashland, O.
Palmer, J. C., meat packer, Charleston, Tenn.
Palmer, J. J., turpentine, Champaign, Fla.
Palmer, J. R., machst. & fndr., San Bernardino, Cal.
Palmer, Jarvis, cultivators & ladders, Northville, Mich.
Palmer, John E., contractor, Old South Bldg., Boston, Mass.
Palmer, Joseph, auto. springs, 333 Rutherford av, Boston, Mass.
Palmer, L. M., lime mfrs., York, Pa.
Palmer, L. P., & Sons, granite producers, Graniteville, Mass.
Palmer Lime & Cement Co., 103 Park av, New York.
Palmer, Lowell M., cooperage stock, 78 Beekman, New York.
Palmer & Lynch, contractors, 415 Campbell av, New Haven, Conn.
Palmer & McBryde, contractors, Hooker & Lent Bldg., San Francisco, Cal.
Palmer & McBurney, architects, Hollywood, Cal.
Palmer, M. S., Co., elec. fix., 151 Franklin, Boston, Mass.
Palmer-Marshall Supply Co., mill & facty. supplies, Morgantown, W. Va.
Palmer-Meyer Motor Car Co., auto. bldrs., 5027 McKissock av, St. Louis, Mo.
Palmer-Moore Co., auto. bldrs., Syracuse, N. Y.
Palmer, Moore & Co., contractors, Logansport, Ind.
Palmer, N., & Co., mill & facty. supplies, Bridgeport, Conn.
Palmer & Parker Co., lumber dealers, 103 Medford char., Boston, Mass.
Palmer & Peterson, contrs., 20th & Illinois, San Francisco, Cal.
Palmer Press Brick Works, Palmer, Tex.
Palmer-Price Co., paint & varnish remover, etc., 270 Chestnut, Newark, N. J.
Palmer, R. C., peavey handles, Warren, Vt.
Palmer, R. P., & Co., 204 Post Sq, Cincinnati, Ohio.
Palmer, Robt., & Son, Ship Bldg. & Marine Ry. Co., Noank, Conn.
Palmer, Simpson Co., airplane parts & supplies, Saranac Lake, N. Y.
Palmer, S. S., masons' & bldrs.' matls., Seneca Falls,, N. Y.
Palmer & Semans Lumber Co., Uniontown, Pa.
Palmer & Sinkhorn, flour mills, Stamping Ground, Ky.
Palmer, Spivery, Construction Co., Augusta, Ga.
Palmer, T. D., Co., clothes pressing mach., Syracuse, N. Y.
Palmer, W. G., sash, door & blind, North Tonawanda, N. Y.
Palmer, W. H., Co., contractors, Youngstown, O.
Palmer, W. M., Mfg. Co., clothes line reels, 42 B'way, New York.
Palmer, Wm. J., architect, Warder Bldg., Washington, D. C.
Palmer, Willis B., paper & pulp mills, Doe Run, Pa.
Palmetier & Abel Lumber Co., Waukesha, Wis.
Palmetto Cotton Mills. Palmetto, Ga.
Palmetto Guano Corp., fertz. mfrs., Columbia, S. C.
Palmetto Iron Works, Columbia, S. C.
Palmetto Lumber Co., Houston, Tex.
Palmetto Oil Co., meal, Bishopville, S. C.
Palmetto Phosphate Co., Keyser Bldg., Baltimore, Md.
Palmetto Whol. & Hdwe. Supp. Co., Spartanburg, S. C.
Palmour Hardware Co., Gainesville, Ga.
Palmyra Sand Co., Palmyra, N. Y.
Paltzer, C. A., Lbr. Co., 112 A. Adams, Chicago, Ill.
Palubiak, J., & Son, cornices, 4107 Chippewa, St. Louis, Mo.
Pamlico Chemical Co., fertilizer mfrs., Washington, N. C.
Pamlico Lumber Co., Land Title Bldg., Phila., Pa.
Pan-American Brick Co., steel structl. wks., New Castle, Ind.
Pan-American Co., Tulsa, Okla.
Pan-American Motors Corp., Decatur, Ill.
Pan. Elec. Mfg. Co., meat choppers & slicers, dynamos, generators, motors, etc., 735 S. 4th, St. Louis, Mo.
Panama Oil & Grease Co., metal polish, belt dress'g, etc., 159 W. 51st, New York.
Panama Tank Co., Carr av & I. C. R. R., New Orleans, La.
Panaro, P., architect, 489 5th av, New York.
Pancoast, Henry B., Co., mill & facty. supplies, 243 S. 3d, Philadelphia, Pa.
Pancoast & Paxson Co., machsts., Purcellville, Va.
Pancoast Shingle Co., lbr. mfrs., Bellingham, Wash
Panenberg, F. G., & Co., brick, Mankota, Minn.
Pangborn Corp., sand blast, Hagerstown, Md.

Pangborn's, W. H., Son, contr., Plainfield, N. J.
Pangle, L. A., machsts. & fndrs., Marion, N. C.
Panhandle Lbr. Co., Spirit Lake, Idaho.
Panhard Motor Co., Grand Haven, Mich.
Panigot, C. W., contractor, Hudson, N. Y.
Pankow Bros., machsts. & fndrs., Sioux Falls, S. D.
Pankow, C. J., architect, Champagne, Ill.
Pannier Bros., Stamp Co., 530 Fernando, Pittsburgh, Pa.
Panning Bros., lumber, Hamler, Ohio.
Panola Cotton Oil Co., cottonseed meal, Carthage, Tex.
Pan-o-Lite Grease & Oil Co., 298 Hancock, Long Island City, N. Y.
Pantagraph Printing & Stationery Co., tablets & pads, Bloomington, Ill.
Pantasote Co., artificial leather mfrs., 11 B'way, New York.
Pantasote Leather Co., Passaic, N. J.
Panther Rubber Mfg. Co., rubber heels, Stoughton, Mass.
Pantley, Wm., contr., Far Hills, N. J.
Panunack, Edw. F., bldg. contr., Madison, Wis.
Panzer-Hamilton Co., cornices & skylights, Los Angeles, Cal.
Panziere, A., Co., Inc., contr., 50 Beaver, Albany, N. Y.
Papco Paper Prod. Co., gummed takes & moistening machy., Atlanta, Ga.
Pape Bros., Moulding Co., Plum & Canal, Cincinnati, Ohio.
Pape, M. H., contractor, Twin Falls, Idaho.
Pape, P. C., architect, Consolidated Realty Bldg., Los Angeles, Cal.
Papec Machine Co., Shortsville, N. Y.
Paper, trade publication, 117 E. 24th, New York.
Paper City Brass Foundry, Holyoke, Mass.
Paper Maker's Chemical Co., clays, satin white & rosin size, etc., Easton, Pa.
Paper Manufacturers Co., rolls—adding machine, 526 Cherry, Phila., Pa.
Paper Mills, trade publication, 154 Nassau, New York.
Paper Mills Spec. Co., 162 W. Kinzie, Chicago, Ill.
Paper Novelty Co., Green Bay, Wis.
Paper Products Co., 2405 W. Franklin, Baltimore, Md.
Paper Service Co., toilet paper, Hinsdale, N. H.
Paper Trade Journal, 10 E. 39th, New York.
Paper Work'g Machines Co., machsts. & fndrs., Avenue U, Brooklyn, N. Y.
Papier Mache Works of America, toys, etc., 115 Spring, New York.
Pappano, D. J., architect, 1211 Wharton, Phila., Pa.
Pa Pro Co., milk bottle caps, Lowville, N. Y.
Papyrus Artificial Paper Mfg. Co., ropes—auto towing, Kenilworth, N. J.
Paradice, Frank H., Jr., architect, Pocatello, Idaho.
Paradine Mfg. Co., curb boxes, Erie, Pa.
Paraffin Paint Co., San Francisco, Cal.
Paraffine Companies, Inc., paint paper, San Francisco, Cal.
Paragon Elec. Co., 9 S. Clinton, Chicago, Ill.
Paragon Fdry. Co., Oregon, Ill.
Paragon Gear Works, marine reversing gears mfr., Taunton, Mass.
Paragon Insulating Co., insulating paints, Cleveland, Ohio.
Paragon Light Co., 141 Locust, Buffalo, N. Y.
Paragon Mach. Co., Rochester, N. Y
Paragon Mfg. Co., machsts., 2427 W. 14th, Chicago, Ill.
Paragon Mat Co., Frankford & Worrell, Phila., Pa.
Paragon Metal Co., babbitt, 3050 S. Ashland av, Chicago, Ill.
Paragon Plaster Co., masons' & bldrs.' matls., 300 W. Water, Syracuse, N. Y.
Paragon Plaster & Supply Co., lime mfrs., Scranton, Pa.
Paragon Refining Co., lubricating oils & greases, Toledo, Ohio.
Paragould Brick Co., Paragould, Ark.
Paragould Handle Mfg. Co., Paragould, Ark.
Paralite Co., rubber molds, Swetland bldg., Cleveland, Ohio.
Paramount Brass & Mfg. Co., 2187 E. 2d, Cleveland, Ohio.
Paramount Bldg. Co., 45 Kearny, San Francisco, Cal.
Paramount Hosiery Form Drying Co., 337 W. Madison, Chicago, Ill.
Paramount Motor Co., motor cycles, 1432 S. Parsons av, Columbus, Ohio.
Parcell, F. S., machy dlrs., Tampa, Fla.
Parchen Drug Co., glass, Helena, Mont.
Parcher, E. P., architect, 6719 Hollywood blvd, Los Angeles, Cal.
Pardee, C. A., flour mills, Colesburg, Ky.
Pardee, C., Wks., iron rolling mills, etc., Perth Amboy, N. J.
Pardee, Geo. M., architect, 427 W. 5th, Los Angeles, Cal.
Pardon Fish Hook Co., Owensboro, Ky.
Pardonner, John H., Jr., architect, 313 S. Jefferson, Dayton, O.
Pardy, T. J., Construction Co., 15 Fairfield av, Bridgeport, Conn.
Parent, Arthur E., mill & facty. supplies, Berlin, N. H.
Parfitt, Albert E., architect, Woolworth Bldg., New York.
Parfitt Bros., architects, 26 Court, Brooklyn, N. Y.
Parfitt, Wm. A., archit., 26 Court, Brooklyn, N. Y.
Parirey, Chas. A., tubs, boxes, Richland Center, Wis.
Parger, Oscar A., landscape architect, 742 Market, San Francisco, Cal.
Paris Belt & Novelty Co., leather specialties, 231 N. Wells, Chicago, Ill.
Paris Fdry. & Mach. Wks., broom corn harvesters, Paris, Ill.
Paris Mfg. Co., step ladders, ski & children's carriage mfrs., etc., South Paris, Me.
Paris Mattress Mfg. Co., Paris, Tex.
Paris Milling Co., flour, Paris, Ky., Tex. & Tenn.
Paris Roller Mills Co., flour, Paris, Idaho.
Paris Saddlery Co., Paris, Tex.
Paris Stone Renovat'g Co., 5 Gt. Jones, New York.
Paris, W. F., flour mills, Lola, Ky.
Paris, W. Francklyn, decorative archt., 53 W. 39th, New York.
Parish, Alford Fence & Machine Co., machsts. & fndrs., Knightstown, Ind.
Parish & Bingham Co., stamping wks., Madison av. & W. 106th, Cleveland, Ohio.
Parish Bros., contractors, Youngstown, Ohio.
Parish Mfg. Co., automobile frames, Reading, Pa.
Parish Mfg. Co., stamping wks., Mt. Elliott & Trombley, Detroit, Mich.
Parish & Schroeder, architects, 12 W. 31st, New York.
Parizek, Frank, pearl buttons, West Willington, Conn.
Park Chemical Co., case hardening compounds, 35 Lovett, Detroit, Mich.
Park City Cornice Wks., Inc., 56 McKinley av, Bridgeport, Conn.
Park City Lbr. Co., Bridgeport, Conn.
Park City Mach. Co., Bowling Green, Ky.
Park City Milling Co., flour, Bowling Green, Ky.
Park City Silverware Co., silver nov., Bridgeport, Conn.
Park Drop forge Co., 760 E. 79th, Cleveland, Ohio.
Park, Elizabeth D. (Est. of), lbr., Warren, N. H.
Park, H. C., architect, Ridgway, Pa.
Park Hardware Co., Warren, Ohio.
Park Iron Wks., 712 E. 136th, New York.
Park, Jas., & Co., contractors, Belle Plaine, Ia.
Park, Lawrence, architect, 8 Beacon, Boston, Mass., & Groton, Mass.
Park & McKay, plumbers' supplies—jobbers, 55 Bagley av, Detroit, Mich.
Park Mfg. Co., elevators, Charlotte, N. C.
Park, Morrand & Co., Waycross, Ga.
Park Nov. Co., corrugated paper & boxes, 25th & Loest, Philadelphia, Pa.
Park Rapids Lumber Co., Minneapolis, Minn.
Park River Milling Co., flour, Park River, N. D.
Park & Tucker, brick, Avery, Ohio.
Park, W. R., & Son, mill & facty. supplies, Taunton, Mass.
Park, Walter L., architect, Taunton, Mass.
Park & Williams, Inc., pigiron, Real Estate Trust bldg., Philadelphia, Pa.
Park, Winton & True Co., sash, door & blind mfrs., Addison, N. Y.
Parke, David, architect, 300 Elysian av, Pittsburgh, Pa.
Parke, Davis & Co., camphor, disinfectants, Detroit, Mich.
Parke, John Y., & Co., metal nov. & spec., 29 N. 7th, Philadelphia, Pa.
Parker, A. A., machinist, Waterford, N. Y.
Parker & Banfield, architects, Columbia Bldg., Portland, Ore.
Parker, Bateman & Chase, landscape architects, Clinton, Mass.
Parker Bell Lumber Co., Pilchuck, Wash.
Parker Boiler Co., Penna. Bldg., Philadelphia, Pa.
Parker Bros., cornices & skylights, Lyons, Ia.
Parker Bros., machinists & founders, Meriden, Conn.
Parker Bros., masons' & bldrs.' matls., Bloomington, Ill.
Parker Bros., toys, games & nov., Salem, Mass.
Parker Bros. Glass Mfg. Co., Bridgeton, N. J.
Parker, Byron, mill & facty. supplies, Hudson, N. Y.
Parker, C. H., Co., paints, enamels, varnishes, Valparaiso, Ind.
Parker, C. W., organs, Leavenworth, Kans.
Parker, Carl R., landscape archt., 465 Congress, Portland, Me.
Parker, Charles, Co., bathroom fixtures, coffee mills, etc., Meriden, Conn.
Parker, Chas. H., Co., enamels, paints & varnishes, Valparaiso, Ind.
Parker, Chas. H., & Son, elec. lgt. plants, Denver, Colo.
Parker, Chas. N., architect, Electrical Bldg., Asheville, N. C.
Parker Clock Co., Meriden, Conn.
Parker Cup & Specialty Wks., valve cups, Parkers Landing, Pa.
Parker, E. E., & P., lbr., Reed's Ferry, N. H.
Parker, E. F., flour mills, Elihu, Ky.
Parker, E. L., & Nimmo Co., tin plate, metals, whol. hdwe., etc., 203 S. Charles, Baltimore, Md.
Parker, E. W., contractors, Tampa, Fla.
Parker, Edwin A., Corpn., duplicating app., 591 Hudson, New York.
Parker, F. E., architect, Kemper Bldg., Kansas City, Mo.
Parker, Geo. D., machinery, Riverside, Cal.
Parker & Granville, muslin & advtg. signs, Ithaca, N. Y.
Parker, Gurdon S., architect, 10 E. 43d, New York.
Parker, H., architect, Drexel Bldg., Philadelphia, Pa.
Parker, H. C., & Bro., lumber, Tenaha, Tex.
Parker, H. Hanley, decorative archt., 1710 Chestnut, Phila., Pa.
Parker & Hafner, nail lthr., insulating washers, Williamsport, Pa.
Parker, Hy., elastic surgical hosiery, 100 W. 23d, New York.
Parker-Hensel Engng. Co., machsts. & fndrs., Brunswick, Ga.
Parker, Ira, & Sons Co., paint, Oshkosh, Wis.
Parker Iron Wks., machsts. & fndrs., San Bernardino, Cal.
Parker, John, contractor, Norwalk, Ohio.
Parker, John H., Co., contractors, 315 4th av, New York.
Parker & Johnston, sash, door & blind, Logansport, Ind.
Parker, Jos., & Son Co., paper & pulp mill, New Haven, Conn.
Parker-Kellogg Lumber Co., 1017 Lbr. Exch., Minneapolis, Minn.
Parker, L. B., lbr. mfrs., Parkers, N. Y.

Parker Lumber Co., Findlay, Ohio.
Parker Machine Co., designers & builders of machinery, 221 High, Boston, Mass.
Parker Mach. & Fan Wks., Kansas City, Kans.
Parker, Martin, Co., architects, Beaumont, Tex.
Parker Milling Co., flour, Parker's Landing, Pa.
Parker, N. D., & Sons, lumber mfrs., Mantua, Ohio.
Parker, P. N., fertilizer mfrs., Gainesville, Ga.
Parker & Page Co., lumber, 40 First, E. C., Boston, Mass.
Parker Pen Co., fountain pens, Janesville, Wis.
Parker Plow Co., machsts. & fndrs., Richmond, Mich.
Parker, Preston & Co., waterproofing matls., Norwich, Conn.
Parker Quarries Co., crushed stone, Macon, Ga.
Parker, R. S., architect, Kemper Bldg., Kansas City, Mo.
Parker Refining Co., soap, 1307 W. 11th, Cleveland, Ohio.
Parker-Russell Mining & Mfg. Co., brick, locomotive tiles, gas retorts, etc., Laclede Gas Light Bldg., St. Louis, Mo.
Parker Rust Proof Co. of America, compounds, 33 Conant av, Detroit, Mich.
Parker & Stearns, lbr., Johnson, Vt.
Parker, Stearns & Co., rubber goods, 286 Sheffield av, Brooklyn, N. Y.
Parker Supply Co., sheet metal screws, 785 E. 135th, New York.
Parker, Surry, machinist, Pinetown, N. C.
Parker, T. M., burning brands, presses, etc., Hartford, Conn.
Parker, Thos., Co., stone producers, wkrs. & dlrs., 1259 Flushing av, Brooklyn, N. Y.
Parker, Thomas, & Rice, architects, 110 State, Boston, Mass., & Union Trust Bldg., Baltimore, Md.
Parker & Topping Co., machinists, Brainerd, Minn.
Parker, V. C., & Son, contractors, Waycross, Ga.
Parker, W. B., canned goods, Denton, Md.
Parker, W. H., architect, Greenville, Miss.
Parker, W. T., Mfg. Co., patterns, Springfield, Ohio.
Parker, Walter H., architect, 12 Geary, San Francisco, Cal.
Parker-Washington Co., contrs., 2309 Penn av, Kans. City, Mo.
Parker, Webb & Co., meat pkrs, 20th & Mich. av, Detroit, Mich.
Parker White Metal & Machine Co., Erie, Pa.
Parker, Wm., contractor, Norwalk, Ohio.
Parker, Wm. Stanley, architect, 120 Boylston, Boston, Mass.
Parker, Wilson B., architect, Board of Trade Bldg., Indianapolis, Ind.
Parker Wire Goods Co., hooks, screws, etc., Worcester, Mass.
Parker-Young Co., masons' & bldrs.' matls., Lisbon, N. H.
Parkersburg Iron & Steel Co., corrugated, Parkersburg, W. Va.
Parkersburg Machine Co., Parkersburg, W. Va.
Parkersburg Mattress Co., Parkersburg, W. Va.
Parkersburg Mill Co., butchers' blocks, Parkersburg, W. Va.
Parkersburg Rig & Reel Co., irons, Parkersburg, W. Va.
Parkes File Co., 117 Verona av, Newark, N. J.
Parkes-King Bldg. Co., Investment Bldg., Los Angeles, Cal.
Parkesburg Iron Co., iron rolling mills, Parkesburg, Pa.
Parkesburg Stamping & Mfg. Co., stamping & stamped goods, Parkesburg, Pa.
Parkhurst, J. F., & Son Co., trunks, Bangor, Me.
Parkhurst, L. D., knives, Danielson, Conn.
Parkins, E. P., machinist, Dickey, Ga.
Parkins, W. B., flour mills, Maysville, Ark.
Parkinson, Chas., Inc., contractor, 67 Greenwich, New York.
Parkinson & Dockendorff, architects, La Crosse, Wis.
Parkinson, Edw., Mfg. Co., mill & facty. supplies, 84 Sprague Providence, R. I.
Parkinson, John, architect, Title Insurance, Los Angeles, Cal.
Parks, Alexander, flour mills, Martinsburg, W. Va.
Parks Ball Bearing Machine Co., wood working machy., Knowlton & Fergus, Cincinnati, Ohio.
Parks & Bros., canned goods, Kinsale, Va.
Parks, C. M., machst., West Manchester, Ohio.
Parks, G. M., Co., piping engineers constr, Fitchburg, Mass., & Old South Bldg, Boston, Mass.
Parks, Geo., & Sons Co., contractors, 217 15th, Buffalo, N. Y.
Parks & Jeffreys, brick, Graham, N. C.
Parks, M. H., & Co., barrel covers, Winchendon, Mass.
Parks & Parks, shoe brushes, racks, tongs, etc., Troy, N. Y.
Parks & Woolson Machine Co., Springfield, Vt.
Parkston Canning Co., Parkston, S. D.
Parkyn & Sons, masons' & bldrs.' matls., Palisades Park, N. J.
Parlee, H. C., & Co., window screens, 25 Haverhill, Boston, Mass.
Parlett & Parlett Co., masons' & bldrs.' matls., Annapolis, Md.
Parlette, H. Leslie, overhead trolleys, Media, Pa.
Parliman, Lawrence E., masons' & bldrs.' matls., Sea Cliff, N. Y.
Parlin & Orendorff Co., agricultural implements, Canton, Ill.
Parlor Furniture & Mattress Co., Fremont, Neb.
Parlor Golf Co., toys, games & novelties, Hoboken, N. J.
Parlor Pride Mfg. Co., stove polish, North Andover, Mass.
Parlow, W. E., architect, Cape Girardeau, Mo.
Parmalee, M. E., & Son, architects, Knoxville, Tenn.
Parmalee, S. S., Co., carriages, Macon, Ga.
Parmalee Wrench Co., 2515 W. Monroe, Chicago, Ill.
Parmele, Chas. L., machy. dlr., 50 Church, New York.
Parmelee Tool Co., machsts., 2515 W. Monroe, Chicago, Ill.
Parmelee, Z. L., Co., machsts., Los Angeles, Cal.
Parmenter C. R. constr's, Saratoga Springs, N. Y.
Parmenter Fender & Wheel Guard Co., 89 State, Boston, Mass.
Parnigoni Bros., granite, Barre, Vt.
Parr Lumber Co., window screens, St. Johns, Mich.
Parr, Wm., & Co., masons' & bldrs.' matls., Galveston, Tex.
Parr, Wm., & Son, aprons, Lowell, Mass.
Parrett Tractor Co., traction engines, 343 S. Dearborn, Chicago, Ill.
Parris, C. S., archl. iron, 7 Province Ct., Boston, Mass.
Parrish, J. O., Lumber Co., Shelbyville, Ind.
Parrish, S. H., & Co., stained glass substitutes, 202 S. Clark, Chicago, Ill.
Parrish, W. S., flour mills, San Luis, Colo.
Parrott & Hahn, machsts., Olympia, Wash.
Parrott Heater Co., 64 West High, Detroit, Mich.
Parrott, Matt., & Sons Co., desk calendars, Waterloo, Ia.
Parrott, Richard, dock bldrs., Newburgh, N. Y.
Parrott & Smith, cornices & skylights, Owatonna, Minn.
Parrott Varnish Co., Bridgeport, Conn.
Parrott, Wm., dock bldrs., Newburgh, N. Y.
Parry, A. N., & Co., auto. mountings, Amesbury, Mass.
Parry Brick Co., 166 Devonshire, Boston, Mass.
Parry & Jones Co., brick & granite, Rome, N. Y., & Barre, Vt.
Parry, Jos., & Sons Co., contractors, Ogden, Utah.
Parry Mfg. Co., auto. truck trailers, wagons, etc., Indianapolis, Ind.
Parry, Oliver R., architect, 115 B'way, New York, & 1631 Chestnut, Philadelphia, Pa.
Parry, Sam'l R., machst., Rochester, N. Y.
Parsche, F. X., & Son, glassware, 1434 Orleans, Chicago, Ill.
Par-Sil Metal Co., brush holders, Lansdale, Pa.
Parslow F. D., archit., Currie bldg, Tampa, Fla.
Parson Mfg. Co., pneu. conveyors, 35 Nassau, N. Y.
Parsons, Anthony, architect, Wausau, Wis.
Parsons Bros. Slate Co., roofing, Pen Argyl, Pa.
Parsons, C. H., Co., bags & bagging, 78 Water, New York.
Parsons, C. Howard, archt., Phoenix Bldg., Minneapolis, Minn.
Parsons Co., ditching machs, Newton, La.
Parsons Construction Co., Inc., Binghamton, N. Y.
Parsons, Floyd Y., architect, 1133 B'way, New York.
Parsons, G. E., architect, 93 Federal, Boston, Mass.
Parsons, G. W., Co., R. R. ditching machs., Newton, Pa.
Parsons, Grant, contractor, Kuline bldg, Omaha, Neb.
Parsons & Hamilton, soap, Santa Cruz, Cal.
Parsons, J. H., boiler compounds, 122 S. Michigan av, Chicago, Ill.
Parsons, Jas. L., contractor, Southern Bldg., Washington, D. C.
Parsons & Lantry, contrs., 30 Church, New York.
Parsons Lumber Co., Rockford, Ill.
Parsons Machinery Co., Marlboro, Mass.
Parsons Mfg. Co., boxes & box shooks, Chelsea, Mass.
Parsons Mfg. Co., hdwe. mfrs., 411 S. Clinton, Chicago, Ill.
Parsons Marine Steam Turbine Co., 2 Rector, New York.
Parsons, P., boilers, Shreveport, La.
Parsons Paper Co., Holyoke, Mass.
Parsons & Petit chemical brokers, 63 Beaver, New York City.
Parsons Pulp & Lumber Co., fibre & screening paper, Finance Bldg., Philadelphia, Pa.
Parsons, Robert E., architect, 28 E. 48th, New York, & 371 B'way, Flushing, N. Y.
Parsons, Samuel, & Co., landscape architects, 101 Park av, New York.
Parsons Specialty & Machine Wks., metal stamping & hardware specialties, 2427 N. 4th, Philadelphia, Pa.
Parsons, T. G., sashes, doors & blinds, Kent, Ohio.
Parsons, W. A., & Co., cash boxes, Durham Center, Conn.
Parsons Wagon Co., Earlville, N. Y.
Parsons Wm. E., archit., Ry. Exchange bldg, Chicago, Ill.
Parten-Blomstrom Mfg. Co., machsts., 311 6th av., S., Minneapolis, Minn.
Parten, M., brooms, Mobile, Ala.
Partenheimer, Otto, metal spinn'g, 2 Howard, New York.
Partin, W. E., machst. & fndr., Dardanelle, Ark.
Partola Mfg. Co., chemicals, 160 2d av, New York.
Partrick & Wilkins Co., tank alarms, 51 N. 7th, Phila., Pa.
Partridge, C. M., & W. A., masons' & bldrs.' matls., Rockport, Ind.
Partridge, C. S., Hardware Co., Mobile, Ala.
Partridge, Edw. O., bench & emery grinders, etc., 2047 Lake, Chicago, Ill.
Partridge, Jere., stone producers, Narrowsburg, N. Y.
Partridge Smelter Co., smelting furnaces, Denver, Colo.
Partridge, T. M., Lbr. Co., 730 Lbr. Ex., Minneapolis, Minn.
Parvin & Co., steel struct. wk., Stephen Girard Bldg., Phila., Pa.
Pasadena Canning Co., Pasadena, Cal.
Pasadena Hdwe. Co., who. hdwe., Pasadena, Cal.
Pasadena Mfg. Co., lattice work, Pasadena, Cal.
Pasadena Milling Co., flour, Pasadena, Cal.
Paschke, August & Sons, 1345 Bellevue av, Detroit, Mich.
Pasco Tool Co., mill & factory supp., Atlanta, Ga.
Pasquini, Attello, contractor, Madison av & 42d, New York.
Pash, Martin, masons' & bldrs.' matls., Wanatah, Ind.
Pashley, Alfred F., architect, 431 S. Dearborn, Chicago, Ill.
Pasman Valve Co., Jersey City, N. J.
Pasold, John I., stone prod., Decatur, Ill.
Pasquale, B., & Co., badges & emblems, 115 Post, San Fran., Cal.
Pass, Geo., & Son, architects, Mankato, Minn.
Pass & Seymour, electric wiring devices, Solvay, N. Y.
Passaic Artistic Iron Wks., Passaic, N. J.
Passaic Cotton Mills, tire fabrics, cotton duck, etc., 120 B'way, New York.
Passaic Knitting Wks., Garfield, N. J.
Passaic Metal Ware Co., enamel signs, Passaic, N. J.

Passaic Print Wks., bunting & flag mfrs., Passaic, N. J.
Passaic Struct. Steel Co., Paterson, N. J.
Passe, F. J., brick, Preston, Minn.
Passera Bros., granite, Williamstown, Vt.
Passman Bros., friction clutches, 30 S. Green, Chicago, Ill.
Passmore, H. T., lbr., Bath, Me.
Passolt, Hy., Co., potash, soap, Saginaw, Mich.
Passow & Sons, store fixtures, 2101 S. Allport, Chicago, Ill.
Passumpsic Fibre Leather Co., Passumpsic, Vt.
Pasteur-Chamberland Filter Co., water filters, copper floats, Ray & Daller, Dayton, Ohio.
Pastoret Construction Co., Duluth, Minn.
Patapsco Guano Co., fertilizer mfrs., Vickers Bldg., Balto., Md.
Patapsco Iron Works, iron works, Baltimore, Md.
Patapsco Oil & Grease Co., 109 Cheapside, Baltimore, Md.
Patch, A. H., agricultural implements, Clarksville, Tenn.
Patch, Chas. E., architect, 52 Kilby, Boston, Mass.
Patch & Co., granite, Adamant, Vt.
Patch, Dan, Nov. Co., children's vehicles, Connersville, Ind.
Patch, F. R., Mfg. Co., machsts. & fndrs., Rutland, Vt.
Patch, S. B., & Sons Co., machsts. & fndrs., Streator, Ill.
Patchett, J. P., canned goods, Federalsburg, Md.
Patchett, Tom., machst., Stoneham, Mass.
Patchin, C. P., & Co., masons' & bldrs.' matls., Middlefield, O.
Patchogue Trunk Wks., Patchogue, N. Y.
Pate, Charles J., architect, Wichita Falls, Tex.
Pate & Co., turpentine, Worth, Ga.
Pate, D. S., Lumber Co., 11 S. La Salle, Chicago, Ill.
Pate, Z. V., fertilizer, Laurel Hill, N. C.
Patek Bros., plate glass, 232 E. Water, Milwaukee, Wis.
Patelski, Erich J., architect, 167 W. Washington, Chicago, Ill.
Patent Brick Co., Merchant Exch., San Francisco, Cal.
Patent Button Co., Waterbury, Conn.
Patent Cereals Co., Geneva, N. Y.
Patent Novelty Co., clothes line reels, Fulton, Ill.
Patent Pearl Wks., buttons, 24 E 23d, New York.
Patent Specialty Supply Co., fdry. chaplets, Shushan, N. Y.
Patent Volcanite Roofing Co., roofing cements, felts, rubber, etc., 49th & Oakley av, Chicago, Ill.
Paterno & Son Contg. Co., 383 Mad. av, New York.
Paterson-Boardman & Knapp, plumbago, 10 Bridge, New York.
Paterson Clay Products Co., brick, Clearfield, Pa.
Paterson Crushed Stone Co., Morristown, N. J.
Paterson Fdry. Co., Paterson, N. J.
Paterson Forge Co., iron & steel, Bridgeport, Conn.
Paterson, Geo. B., buckwheat & wheat flour, Burdett. N. Y.
Paterson-Leitch Co., concrete reinforcing supplies, 936 E. 67th, Cleveland, Ohio.
Paterson Monumental Works, Bellefontaine, Ohio.
Paterson Parchment Paper Co., Passaic, N. J.
Paterson Reed & Harness Co., Paterson, N. J.
Paterson Supply Co., mill & facty. supplies, Paterson, N. J.
Paterson Vehicle Co., auto windshields, Paterson, N. J.
Paterson, W. A., Co., automobile bldrs., Flint, Mich.
Paterson, Wm., contractor, 241 Orange, New Haven, Conn.
Pathe Exchange, moving picture films, 25 W. 45th, New York.
Pathe Freres Phono Co., talking machines, 29 W. 38th, New York.
Pathescope Co. of America, searchlights, 33 W 42d, New York.
Pathfinder Co., automobile bildrs., Indianapolis, Ind.
Pathie, Wm., Co., metal signs, bronze tablets, etc., Worcester, Mass.
Patlajohn, L., Roofing Co., cornices, 657 Antoinil, Detroit, Mich.
Paton, J., & Co., shingle bands, Cleveland, Ohio.
Patriarche & Bell, steel dlrs., 215 Pearl, New York.
Patric Furnace Co., Springfield, Ohio.
Patric, Milan W., machsts., Rochester, N. Y.
Patrick, F. A., & Co., woolen blankets, flannels, Duluth, Minn.
Patrick, Robt., Plumbing Co., htg. contrs., 3231 Cottage Grove av, Chicago, Ill.
Patrick & Shore, flour mills, Bodenham, Tenn.
Patrizio & Hendrickson, contractors, 340 E. 27th, New York.
Pattee Plow Co., Monmouth, Ill.
Patten Mfg. Co., machsts. & fndrs., Chattanooga, Tenn.
Patten Paper Co., Appleton, Wis.
Patten, Paul B., Co., heating contrs., Salem, Mass.
Patten, S. G., lbr., Alexandria & Alsted, N. H.
Patterson, A. W., architect, Carthage, N. Y.
Patterson, Alex., masons' & bldrs.' matls., 3036 W. 6th, Cincinnati, Ohio.
Patterson-Allen Engng. Co., gauge cocks, 2 Rector, New York.
Patterson, B. C., architect, Barnesville, Ohio.
Patterson Bros., mill & facty. supplies, wholesale hdwe., 27 Park row, New York.
Patetrson Bros., potteries, Wellsville, Ohio.
Patterson Building Co., Akron, Ohio.
Patterson, C. A., archritect, Winona, Minn.
Paterson, C. R., & Sons, carriages, Greenfield, Ohio.
Patterson, C. T., Co., Ltd., mill & facty. supplies, 801 Tchoupitoulas, New Orleans, La.
Patterson, Carloss, architect, 127 Madison av, Memphis, Tenn.
Patterson Co., water regulators, 2511 N. Calvert, Baltimore, Md.
Patterson, D. W., feed water purifiers, Harrison Bldg., Philadelphia, Pa.
Patterson, Daniel J, architect, 46 Kearny, San Francisco, Cal.
Patterson & Dula, architects, 15 E. 40th, New York.
Patterson, Edward M., architect, 1 Montgomery, Jersey City, N. J.
Patterson Foundry & Machine Co., East Liverpool, Ohio.
Patterson, Fred'k A., architect, Bangor & Waterville, Me.
Patterson, G. W. S., & Co., varnish gums & wood oils, 135 Front, New York.
Patterson, Geo. B., Coal & Supply Co., masons' & bldrs.' matls., Wellsville, Ohio.
Patterson Glass Mfg. Co., window, Cameron, W. Va.
Patterson, Gottfried & Hunter, mill & facty, 149 Lafayette, New York.
Patterson, H M., architect, O. T. Johnson Bldg., Los Angeles, Cal.
Patterson & Harral, wholesale hdwe., 88 White, New York.
Patterson, Jas. E., & Co., masons' & bldrs.' matls., Wilkes-Barre, Pa.
Patterson Kelley Co., oil & grease extractors, feed water heaters, 26 Cortlandt, New York.
Patterson-Kiser Seat Co., Greensboro, N. C
Patterson Locknut Mfg. Co., 14 E. Jackson Blvd, Chicago, Ill.
Patterson Lubricating Co., 114 Broad, Boston, Mass.
Patterson MacDonald Shipbldg Co., Seattle, Wash.
Patterson Mfg. Co., agricultural implements, Holly, Mich.
Patterson Mfg. Co., boxes curb, Keystone Bldg., Pittsburgh, Pa.
Patterson Mfg. Co., cotton sheeting, China Grove, N. C.
Patterson Mfg. Co., hammock mfrs., E. Indiana cor A, Philadelphia, Pa.
Patterson, Melville C., architect, Decatur, Ill.
Patterson Monumental Wks., stone producers, Bellevue, Ohio.
Patterson-Sargent Co., paint mfrs., Cleveland, Ohio.
Patterson & Schroeder Supply Co., machsts.' tools, 560 W. Van Buren, Chicago, Ill.
Patterson & Shaw, contractors, 30 E. Robinson, Pittsburgh, Pa.
Patterson & Stirling, fndrs., Erie, Pa.
Patterson, T. H. (Est. of), masons' & bldrs.' matls., Joliet, Ill.
Patterson, Thos. G., pack'g box mfrs., 637 W. 55th, New York.
Patterson Tool & Supply Co., machinery dealers, Dayton, Ohio.
Patterson, W. W., Co., tackle blocks, 54 Water, Pittsburgh, Pa.
Pattiani, A. W., architect, 625 Market, San Francisco, Cal.
Pattillo Lumber Co., Atlanta, Ga.
Pattin Bros. Co., machinists, Marietta, Ohio.
Pattinson Mfg. Co., machsts. & fndrs., 48 Stanhope, Boston, Mass.
Pattison Bros. Ky. Bourbon Dist. Co., Covington, Ky.
Pattison, J. L., & Co., elec. light. fix. mfrs., 552 W. Jackson blvd, Chicago, Ill.
Pattison, Louis E., sash, door & blind, Webster, Mass.
Pattison Oil Co., lubrg., 27 Woodward av, Detroit, Mich.
Pattison, Oscar A., contractor, N. Y. blk, Seattle, Wash.
Pattison, W. M., Supply Co., mill & facty. supplies, 777 Rockwell av, Cleveland, Ohio.
Patton-Black Mfg. Co., mattresses, Jackson, Tenn.
Patton-Bowman Hardware Co., Omaha, Neb.
Patton Clay Mfg. Co., brick, etc., Patton, Pa.
Patton & Co., lbr. mfrs., Albany, N. Y.
Patton, Holmes & Flinn, architects, 8 S. Dearborn, Chicago, Ill.
Patton, Jas. E., Co., plate glass, 486 Market, Milwaukee, Wis.
Patton Milling Co., flour, Catlettsburg, Ky.
Patton Paint Co., paint mfrs., 213 Lake, Milwaukee, Wis.
Patton, R. B., architect, South Pittsburg, Tenn.
Patton, R. J., & Co., flags, 222 E. 4th, Cincinnati, Ohio.
Patton, S. E., architect, 3520 Douglas, El Paso, Tex.
Patton, Wm., architect, Newark, Ohio.
Patton, Wm. Howe, architect, Parkersburg, W. Va.
Pauck, E. Machine Co., dies, etc., 3440 Summit av, Toledo, Ohio.
Paukin, John, Broom Co., Maumee, Ohio.
Paul, A. S., sash, door & blind, Cle Elum, Wash.
Paul, Andrew G., Co., htg. contrs., 131 State, Boston, Mass.
Paul Bros. Co., contractors, Citizens' Bldg., Cleveland, Ohio.
Paul Casket Co., Combridge City, Ind.
Paul, D. W., & Co., masons' & bldrs.' matls., 11842 Parnell av, Chicago, Ill.
Paul, Edw. E., Co., contractors, 101 Park av, New York.
Paul & Ford, architects, 220 S. 4th, Philadelphia, Pa.
Paul & Fulton, hooks, 31 W. Kinzie, Chicago, Ill.
Paul, G. A., cornices & skylights, Pana, Ill.
Paul & Henry Constr. Co., Barberton, Ohio.
Paul, Henry S., architect, Portsmouth, N. H.
Paul, Herman L., machsts. & fndrs., 159 E. 128th, New York.
Paul, J. C. & Co., metal polish, 930 Roscoe, Chicago, Ill.
Paul & Post, masons' & bldrs.' matls., Washington, Pa.
Paul Steam System, Hickox Bldg., Cleveland, Ohio.
Paul, W. E., cornices & skylights, Portsmouth, N. H.
Paulding John I., switches, receptacles, etc., New Bedford, Mass.
Paulding Lumber Co., Paulding, Ohio.
Paules, G. E., architect, Columbia, Pa.
Pauli, Augustus C., architect, 331 Madison av, New York.
Pauli, Frank M., Co., contractors, 40 Shipherd av, Detroit, Mich.
Pauli, Hermann, varnish gums, 80 Pine, New York.
Pauline, F. S., & Co., stone producers, Cannelton, Ind.
Pauline Mills, cotton damasks, Kings Mountain, N. C.
Pauline Oil & Fertilizer Co., cottonseed meal, Pauline, S. C.
Paulissen, J. P., contractor, Kankakee, Ill.
Paulissen Mfg. Co., sash, door & blind, Kankakee, Ill.
Paul's Brick Co., El Paso, Tex.

Paulsen, Hans, brick, Rock Island, Ill.
Paulsen, Hy. F., contrs., Rock Island, Ill.
Paulson, Thos., & Son, machsts. & fndrs., 97 2d av, Bklyn., N. Y.
Paulu, John, architect, Station D. R. T., Milwaukee, Wis.
Paulus, John, bags & suitcases, 655 N. May, Chicago, Ill.
Paulus, John D., architect, 408 Olive, St. Louis, Mo.
Paulus, Jos. C., & Co., mill & facty. supplies, 2507 Potter, Philadelphia, Pa.
Paulus, Peter, wholesale hdwe., 499 E. Water, Milwaukee, Wis.
Pauly Bros., patterns, Springfield, Ohio.
Pauly, Charles, architect, Edwardsville, Ill.
Pauly, Chas., & Son, architects, Granite City, Ill.
Pauly & Ipsen, contractors, Springfield, Mo.
Pauly Jail Bldg. Co., steel jail & cell work, 2215 De Kalb, St. Louis, Mo.
Paunack, Edw. F., contractor, Madison, Wis.
Paundre, H., machst. & fndr., Coal Gate, Okla.
Pause, P., & Co., glass & elec. signs, 400 W. Erie, Chicago, Ill
Paussek & Carr, glass stainers, St. Paul, Minn.
Pavania Oil Co., petroleum, Warren, Pa.
Pavo Fertilizer Co., Pavo, Ga.
Pavyer Printing Mach. Co., Broadway Poplar, St. Louis, Mo.
Pawhuska Mill & Elevator Co., flour, Pawhuska, Okla.
Pawhuska Vitrified Brick & Tile Co., Pawhuska, Okla.
Pawling, Geo. F., & Co., contractors, 1432 S. Penn sq, Philadelphia, Pa.
Pawling & Harnischfeger, electric cranes, hoists, etc., Milwaukee, Wis.
Pawnee Land & Lumber Co., Pawnee, La.
Pawson, J. E., & Co., contractors, Yonkers, N. Y.
Pawtucket Braided Line Co., Pawtucket, R. I.
Pawtucket Mfg. Co., bolt, nut & rivet mfrs., Pawtucket, R. I.
Pawtucket Mordant Co., soluble oils, paste, etc., Pawtucket, R. I.
Pawtucket Sash & Blind Co., Pawtucket, R. I.
Pawtucket Spinning Ring Co., Pawtucket, R. I.
Paxson, Edward S., architect, 729 Walnut, Philadelphia, Pa.
Paxson, J. W., Co., foundry supplies & equipment, 1021 N. Delaware av, Philadelphia, Pa.
Paxton Canning Co., Paxton, Ill.
Paxton & Gallagher Co., wholesale hdwe. & machsts.' tools & supplies, Omaha, Nebr.
Paxton, John C., lime mfrs., Toms Brook, Va.
Paxton-Mitchell Co., packing (metallic), Omaha, Neb.
Paxton & O'Neill, machsts., 541 N. 3d, Philadelphia, Pa.
Paxton & Vierling Iron Wks., lamp posts, Omaha, Neb.
Paxton, Wm. L., sash, door & blind mfr., 128 Wakeman av, Newark, N. J.
Pay, Chas., & Co., machsts., 307 S. Water, Providence, R. I.
Paye & Baker Mfg. Co., silver novelties, North Attleboro, Mass.
Payne & Adams, architects, New Haven, Conn.
Payne Bros., steel structural wk., cor. av D, Newark, N. J.
Payne Bldg. Co., 8th & Plume, Cincinnati, Ohio.
Payne Chase Co., mattress, Lincoln, Neb.
Payne & Co., excelsior mfrs. & sea moss, Dayton, Ohio.
Payne, E. C., Lumber Co., New Decatur, Ala.
Payne, E. F., & Son, fishing rods, Highland Mills, N. Y.
Payne, E. Scott, Co., whol. hdwe., 362 N. Gay, Baltimore, Md.
Payne & Estes, flour mills, Eubank, Ky.
Payne, F. S., Co., freight elevators, 295 Franklin, Boston, Mass.
Payne, F. T., cornices & skylights, Dallas, Tex.
Payne, Geo. F., & Co., contractors, 401 S. Juniper, Phila., Pa.
Payne, Geo. H., leaded glass, Paterson, N. J.
Payne, Geo. W., & Co., textile machy., Pawtucket, R. I.
Payne, Geo. W., & Son, architects, Carthage, Ill.
Payne, H. J., contractor, Caswell blk, Milwaukee, Wis.
Payne & Joubert Machine & Fdry. Co., Howard & Euphrosine, New Orleans, La.
Payne Mfg. & Canning Co., Payne, Ohio.
Payne Matthew Dental & Surgical Mfg. Co.,' surgical instruments, Yonkers, N. Y.
Payne, N. B., machy. dl'r, 25 Church, New York.
Payne R. W., common brick, Drakes Branch, Va.
Payne & Scammell, contractors, Land Title Bldg., Phila., Pa.
Payne, W. J., contractor, 7 Beltzhoover av, Pittsburgh, Pa.
Payne's Bolt Works, 133 Howard, San Francisco, Cal.
Payograph Co., cash paying machines, 105 3d av, Detroit, Mich.
Payson Charles H., architect, Reliance bldg, Kansas City, Mo.
Payson, Geo. H., masons' & bldrs.' matls., Englewood, N. J.
Payson Mfg. Co., knobs, hinges, locks, door pulls, etc., 2918 Jackson blvd., Chicago, Ill.
Payson Varnish Co., 141st & Walnut av, New York.
Payton Bros. Lumber Co., Saline, La.
P. B. & H. Moulding Co., ornaments, Syracuse, N. Y.
P. B. Mfg. Co., outlet & meter boxes, 1624 Fratney, Milwaukee, Wis.
P. C. W. Mfg. Co., window anti-rattlers, York, Pa.
Pea Ridge Milling Co., Pea Ridge, Ark.
Peabody Anti-Dust Co., sweeping compounds, Peabody, Mass.
Peabody & Buland, lumber, Castle Rock, Wash.
Peabody, E. A., & Son, contractors, Lawrence, Mass.
Peabody, Geo. L., contractor, 6101 Penn av, Pittsburgh, Pa.
Peabody, Hy. W., & Co., hdwe. mfrs., shellac, etc., 17 State, New York.
Peabody Leather Co., machsts. & fndrs., Peabody, Mass.
Peabody, S. J., Lbr. Co., Columbia City, Ind.
Peabody School Furniture Co., North Manchester, Ind.
Peabody & Stearns, architects, 53 State, Boston, Mass.
Peabody, Wilson & Brown, architects, 389 5th av, New York.
Peace Bros., contractors, 20 Main, Flushing, N. Y.
Peach Bottom Slate Co., roofing slate mfrs., Delta, Pa.
Peach, J. A., sporting & athletic gds. mfrs., Gloversville, N. Y.
Peacock & Co., turpentine, Climax, Ga.
Peacock, Kelly & Co., turpentine, Vidalia, Ga.
Peacock Mill Co., flour, Freewater, Ore.
Peagler, H. M., turpentine, Homerville, Ga.
Peak, C. W., wood alcohol, Peakville, N. Y.
Peak, Cyrus, stone producers, Long Eddy, N. Y.
Peak, Hy., butchers' blocks, Peabrook, N. Y.
Peak Lumber Co., sash, door & blind, Lynchburg, Va.
Peale-Coryell Lbr. Co., 949 B'way, New York.
Pear, C. A., architect, Pittsburgh Bldg., St. Paul, Minn.
Pearce, A. C., machsts & frdrs, Baton Rouge, La.
Pearce Bros., contrs., Rockford, Ill.
Pearce, Chas. W., machsts., Scranton, Pa.
Pearce, F. T., Co., gold pens, 85 Sprague, Providence, R. I.
Pearce, Fred'k, Co., telegraphic instruments & elect'l apparatus, 20 Rose, New York.
Pearce, Geo. B., & Co., knitting mach., cylinders, etc., 2316 N. 8th, Philadelphia, Pa.
Pearce, H. B., architect, Arcade Bldg., Seattle, Wash.
Pearce, J. F., & Son, masons' & bldrs.' matls., 270 Jackson, St. Paul, Minn.
Pearce Mfg. Co., woolen blankets, Latrobe, Pa.
Pearce, W. H., & Co., meters, traps, etc., 333 S. Dearborn, Chicago, Ill.
Pearce, Wm., & Sons, machsts. & fndrs., Ogden, Utah.
Pearch, J., masons' & bldrs.' matls., Uhrichsville, Ohio.
Peare & Quiner, architects, 6 Beacon, Boston, Mass.
Pearl Art Works, toys, games & novelties, 673 W. Madison, Chicago, Ill.
Pearl City Fruit Co., canners, Honolulu, Hawaii.
Pearl City Veneer Co., Jamestown, N. Y.
Pearl Clay Products Co., brick, Bradford, Pa.
Pearl Cotton Mills, East Durham, N. C.
Pearl Roller Mill Co., Oswego, Kans.
Pearl Waist Co., Inc., knit goods, Cohoes, N. Y.
Pearlman Co., smelters & refiners, Clarksburg, W. Va.
Pearlman, Victor S., & Co., elec. light fix. mfrs., 75 E. Adams, Chicago, Ill.
Pearsall, A. B., lbr., Red Springs, N. C.
Pearsall & Co., fertilizer, Wilmington, N. C.
Pearse, Austin W., architect, Fidelity Bldg., Portland, Me.
Pearse, Howard, meat packers, W. 46th & Packers av, Chicago, Ill.
Pearson, A. E., & Son, canned goods, Lottsburg, Va.
Pearson, Andrew P., stone producers, Oil City, Pa.
Pearson & Avera, lbr. mfrs., Zenith, Ga.
Pearson, Carl H., sash, door & blind mfrs., 193 Wallabout, Brooklyn, N. Y.
Pearson, E. Martin, machsts., nailing tools, Robbinsdale, Minn.
Pearson, Fred, & Co., plushes, Leverington & Wilde, Phila., Pa.
Pearson, Geo T., architect, 427 Walnut, Philadelphia, Pa.
Pearson, H. T., contractor, Danville, Va.
Pearson, Harry & Son, contractors, Duluth, Minn.
Pearson, J. C., cornices & skylights, Shelbyville, Ind.
Pearson, J. C., Co., cement coated wire nails, Old South Bldg., Boston, Mass.
Pearson, J. H., Supply Co., mill & facty. supplies, 79 White, New York.
Pearson Jack, Co., mfrs. jacks, 185 Franklin, Boston, Mass.
Pearson, Jno. W., Co., armatures, 839 W. Lake, Chicago, Ill.
Pearson, Jos. T., tex. machy. (hosiery boards), packing box mfrs., 1825 E. Boston, Phila., Pa.
Pearson, Leroy, fndr., Portland, Pa.
Pearson & Ludascher Lbr. Co., Phila, Pa.
Pearson Mfg. Co., tubular boilers, 800 Beaver, Pittsburgh, Pa.
Pearson-Mowbray Co., masons' & bldrs.' matls., Spokane, Wash.
Pearson, Olaf & Son, bldg. contrs., Duluth, Minn.
Pearson & Son, masons' & bldrs.' matls., Beaver Falls, Pa.
Pearson, T. Brooks, architect, Bankers Trust Bldg., Waco, Tex.
Pearson, W. A., mill & facty. supplies, Holyoke, Mass.
Pearson, Walter, machst., Whitman, Mass.
Pearson's, Saml. S., Sons, cornices & skylights, Ottawa, Ill.
Peart, Nields & McCormick Co., lbr. mfrs., Harrison Bldg., Phila., Pa.
Pease, C. F., Co., engineering & surveying instruments, 220 W. Institute pl, Chicago, Ill.
Pease, C. R., Construction Co., Bd. of Trade Bldg., Indianapolis, Ind.
Pease Co., granite prod., Milford, N. H.
Pease, E. H., Mfg. Co., grain car loaders, Racine, Wis.
Pease, F. B., Co., ladders, vacuum cleaners, Rochester, N. Y.
Pease, Horace C., lumber, Hartford, Vt.
Pease, L. A., architect, Independence Bldg., Colorado Springs, Colo.
Pease, L. F., Co., loom aprons, yacht sails, 7 Crawford, Providence, R. I.
Pease Mfg. Co., sad irons, Cincinnati, Ohio.
Pease P. L. & Co., heaters, etc., Buffalo, N. Y.
Pease Piano Co., Leggett av & Barry, New York.
Pease, Sidney B., contr., Joliet, Ill.
Peaslee, D. G., lbr., Bradford, N. H.
Peaslee-Gailbert Co., plate glass; paint mfrs., Louisville, Ky.

Peaslee, Horace W., architect, 808 17th, N. W., Washington, D. C.
Peaslee Lumber Co., Westville, N. H.
Peats, Alf., Co., wall paper mfrs., 41 W. 14th, New York.
Peavey Mfg. Co., axes, cant-dogs, etc., Bangor, Me.
Peavy-Byrnes Lumber Co., Shreveport, La.
Pech, Gustave, Fdry. & Mfg. Co., archl. iron, Le Mars, Ia.
Peching Belting Co., Orchard & Torsdle, Phila., Pa.
Pechstein Iron Wks. Keokuk, Ia.
Peck, A. T., contr., Seymour, Conn.
Peck, A. W., & J. F., lumber mfrs., Gloversville, N. Y.
Peck, Anderson & Peck Co., heating contrs., Court & Sycamore, Cincinnati, Ohio.
Peck, Asa. & Co., cotton waste, 556 Atwells av, Providence, R. I.
Peck, Benj. T., plumbers' supplies—jobbers, 251 Eddy, Providence, R. I.
Peck & Benson, contractors, 31 Clinton, Newark, N. J.
Peck Brick Co., Haverstraw, N. Y.
Peck Pros., Co., whol. hdwe., Montpelier, Vt.
Peck Bros., & Co., plumbers' supplies—jobbers, New Haven, Conn.
Peck-Burkett Lumber Co., masons' & bldrs.' matls., Danbury, Conn.
Peck, C. A., Hdwe. Co., Christmas tree holders, Berlin, Wis.
Peck, C. L., & Son, canned goods, Fincastle, Va.
Peck, C., & Son, stone producers, Toledo, Ohio.
Peck & Carmody, F. J., Lbr. Co., constr., Dunmore, Pa.
Peck, Chas. F., architect, 5 E. 42d, New York.
Peck, E. E. & Co., soft metal rivets, Batavia, N. Y.
Peck, E. W., & L. K. Co., machsts. & fndrs., Grand Rapids Mich.
Peck, Frank B., Co., whol. hdwe., Hornell, N. Y.
Peck Geo. F. Mfg. Co., pump valves, Chelsea, Mass.
Peck, Geo. W., Co., whol. hdwe., Bath, N. Y.
Pack Hardware Co., Canandaigua, N. Y.
Peck Iron & Steel Works, bands, Kalamazoo, Mich.
Peck, J. S., & Son, interior finish, Cardington, Ohio.
Peck, John L., & Co., machsts., New Haven, Conn.
Peck, Laurence F., architect, 15 E. 40th, New York.
Peck Lbr. Mfg. Co., sash, door & blind mfrs., Scranton, Pa.
Peck & Lehmans, contrs., 779 Cherokee, St. Paul, Minn.
Peck & McKay, contractors, Brockton, Mass.
Peck, McWilliams & Co., masons' & bldrs.' matls., Norwich, Conn.
Peck & Mack Co., whol. hdwe., 356 B'way, New York.
Peck Mill & Grain Co., flour, Jefferson City, Tenn.
Peck, N. & W. J. Co., masons' & bldrs.' matls., 428 E. 48th, New York.
Peck & Peck, h'dwe, Coshocton, New York.
Peck Spring Company, mfrs. of small springs, Plainville, Conn.
Peck, Stow & Wilcox Co. (The), tobacco counter cutters, mechanics' hand tools, tinsmiths & sheet metal workers' tools, builders' hardware, Southington, Conn., & Cleveland, Ohio. *See adv index at end of book*
Peck, Theo. B., architect, 65 Bank, Waterbury, Conn.
Peck & White, carriages, Taunton, Mass.
Peck & Young Mfg. Co., screw machine prods. & coil springs, Forestville, Conn.
Pecke & Pratt, canned goods, Hilton, N. Y.
Peckham Const. Co., Inc., Mutual Life bldg, Buffalo, N. Y.
Peckham F. W., brass & composition frd's, Boston, Mass.
Peckham, Harry, Jr., htg. contrs., 209 Milwaukee, Chicago, Ill.
Peckham Mfg. Co., metal surfacers, polishing leather, etc., 244 South, Newark, N. J.
Peckham, Wolf & Co., lumber mfrs., Schenectady, N. Y.
Peckinpaugh, Harrison & Co., plow beams, handles—wood, Alton, Ind.
Peckworth C. H. & R. C., contrs., 529 Hudson, New York.
Pecora Paint Co., 4th & Sedgley av, Phila., Pa.
Pecos Valley Alfalfa Mill Co., Hagerman, N. Mex.
Pecos Valley Farm Products Co., canned goods, Dayton, N. Mex.
Pecos Valley Lbr. Co., Roswell, N. Mex.
Pecoto Packing Co., canned goods, Indianapolis, Ind.
Peddle, Chas. R., architect, 136 S. 4th, Phila., Pa.
Peden Iron & Steel Co., San Antonio, Tex.
Peden, W. H., Excelsior Co., Fredericksburg, Va.
Pedersen, J. C., architect, Gering, Neb.
Pedersen Lubricator Co., surgical instruments, 636 1st av, New York.
Pederson, C. C., architect, Jamestown, N. Y.
Pederson, C., & Son, machsts., La Crosse, Wis.
Pederson & Grobben, sash, door & blind mfrs., 594 National av, Milwaukee, Wis.
Pederson, Hans, contractors, Seattle, Wash.
Pederson, N. P., cornices, Tacoma, Wash.
Pedigo & Garry, architects, Bluefield, W. Va.
Pedrick, Geo. C., brick, Flemington, N. J.
Pedrick, Harry Morrison, architect, Lansdowne, Pa.
Pedrick Tool & Machine Co., 3639 Lawrence, Phila., Pa.
Peebles, J. K., architect, Kevan Law Bldg., Norfolk, Va.
Peebles Paving Brick Co., Portsmouth, Ohio.
Pee Dee Brick & Tile Co., brick, Blue Brick, S. C.
Pee Dee Iron Wks., machsts. & fndrs, Cheraw, S. C.
Peege, E., Julius, architect, 643 Oakland av, Milwaukee, Wis.
Peek & Velsor, powered licorice, 9 Gold, New York.
Peek's, S. H., Sons, agricultural implements, East Aurora, N. Y.
Peekskill Fire Brick Wks., Peekskill, N. Y.
Peekskill Stone Co., Peekskill, N. Y.
Peeling, Geo., paint mfr., Joliet, Ill.
Peelle Co., elevator & folding doors, gates, etc., Stewart av & Harrison pl, Brooklyn, N. Y.
Peeps, Wm. H., architect, Charlotte, N. C.
Peer Mfg. Co., steam & vertical engines, Comstock, Mich.
Peerless Accessories Mfrs., air tire pumps, 1926 Wabash av. Chicago, Ill.
Peerless Alloy Co., metals, Denver, Colo.
Peerless Athletic Supply Co., 383 Pearl, Brooklyn, N. Y.
Peerless Automatic Machine Co., bolt, nut & rivet machy., Cleveland, Ohio.
Peerless Bedding Co., Bellefontaine, Ohio.
Peerless Belt Lacing Mach. Co., Swanson & Moore, Phila., Pa.
Peerless Belting Co., Indian Church rd, Buffalo, N. Y.
Peerless Blue Print Co., architect'l & engng. supplies, 341 5th av, New York.
Peerless Boiler Co., range boilers & heaters, 6-8 W. Lake, Chicago, Ill.
Peerless Brass Fdy. Machy. Co., South Bend, Ind.
Peerless Bread Machine Co., Sidney, Ohio.
Peerless Brick Co., Lebanon, Pa., & Seattle, Wash.
Peerless Brick Mach. Co., cement brick machines, 1234 Central av, Minneapolis, Minn.
Peerless Broom Wks., 2243 W. Lake, Chicago, Ill.
Peerless Buggy Co., Owensboro, Ky.
Peerless Carbon Black Co., 1st Nat'l Bk Bldg., Pittsburgh, Pa.
Peerless Chandelier Works, Greensboro, N. C.
Peerless Coal & Coke Co., Vivian, W. Va.
Peerless Drawn Steel Co., Massillon, Ohio.
Peerless Elec. Co., machsts., 550 W. Harrison, Chicago, Ill., & Warren, Ohio.
Peerless Engineering & Construction Co., 133 W. Washington av, Chicago, Ill.
Peerless Fertilizer Co., Chestertown, Md.
Peerless Foundry, Hamilton, Ohio.
Peerless Fdry. Co., Indianapolis, Ind.
Peerless Freezer Co., Winchendon, Mass.
Peerless Granite Co., artificial stone laundry tubs, Town of Union, N. J., & Barre, Vt.
Peerless Handcuff Co., handcuff makers, Springfield, Mass.
Peerless Heater Co., 7 Wood, Pittsburgh, Pa.
Peerless Husker Co., canning machy., 523 Cornwall av, Buffalo, N. Y.
Peerless Ice Machine Co., refrigerating machy., 72 W. Adams, Chicago, Ill.
Peerless Insulated Wire & Cable Co., 90 West, New York.
Peerless Key Co., 176 Fulton, New York.
Peerless Lamp Works of G. E. Co., Warren, Ohio.
Peerless Lthr. Spec. Co., advertis'g nov. & spec., 54 Greene, New York.
Peerless Light Co., gasoline lighting systems, 813 W. Adams, Chicago, Ill.
Peerless Mach. Co., 1611 Racine, Racine, Wis., & Rockford, Ill.
Peerless Mach. Wks., Freeport, Ill.
Peerless Mach'y Co., 44 Binford, S. B., Boston, Mass.
Peerless Mfg. Co., cameras, Norwalk, Conn.
Peerless Mfg. Co., machsts. & fndrs., Louisville, Ky.
Peerless Mfg. Co., paper towels & toilet paper, Norristown, Pa.
Peerless Mfg. Co., wire brushes, New Durham, N. H.
Peerless Marine Motor Co., 2150 Niagara, Buffalo, N. Y.
Peerless Mill Supply Co., 90 Pearl, Buffalo, N. Y.
Peerless Milling Co., flour, Parkersburg, W. Va.
Peerless Moistener Co., envelope moisteners, 824 S. Claremont av, Chicago, Ill.
Peerless Motor Car Co., Quincy av & E. 93d, Cleveland, Ohio.
Peerless Pacific Co., plumbers' supplies, etc., 6 N. Front, Portland, Ore.
Peerless Paint & Varnish Co., Hippodrome Annex, Cleveland, O.
Peerless Paper Box Mfg. Co., 1137 W. 6th, Cleveland, Ohio.
Peerless Paper Co., Dayton, Ohio.
Peerless Pattern & Machine Works, Delaware, Ohio.
Peerless Plush Mfg. Co., Paterson, N. J.
Peerless Portland Cement Co., Union City, Mich.
Peerless Printing Press Co., Palmyra, N. Y.
Peerless Range Boiler Corp., 108 S. La Salle, Chicago, Ill.
Peerless Roller Mills Co., flour, Austin, Minn.
Peerless Rubber Horseshoe Co., 1014 S. Kildare av, Chicago, Ill.
Peerless Rubber Mfg. Co., mallets, 31 Warren, New York.
Peerless Sand Co., Oliver Bldg., Pittsburgh, Pa.
Peerless Selling Co., water closet mfrs., Evansville, Ind.
Peerless Slate Co., Delta, Pa.
Peerless Statuary Co., potteries, Rahway, N. J.
Peerless Stock Powder Co., sheep dips, insecticides, Falls City, Neb.
Peerless Stove & Range Co., Columbus, Ohio.
Peerless Surface Mach. Co., 207 Market, Newark, N. J.
Peerless Tank & Seat Wks. machts. & fndrs., Evansville, Ind.
Peerless Tool Co., shears, 1500 S. Western av, Chicago, Ill.
Peerless V-Belt Co., automobile belts, 608 S. Dearborn, Chicago, Ill.
Peerless Water Co., heaters, 7 Wood, Pittsburgh, Pa.
Peerless White Lime Co., Century Bldg., St. Louis, Mo.
Peerless Window Glass Co., Clarksburg, W. Va.
Peerless Wire Fence Co., Adrian, Mich.
Peerless Wire Goods Co., Lafayette, Ind.

Peery, W. E., whol. hdwe., Tazewell, Va.
Peet Bros., Mfg. Co., soap, 15 & Kansas av, Kansas City, Mo.
Peet, C. D., common brick, Ithaca, Mich.
Peet & Schuster Co., cornices, Springfield, Ohio.
Peffer, E. Z., contractor, Wilkinsburg, Pa.
Peglar Machinery Co., machsts. & fndrs., Chattanooga, Tenn.
Pehrson, August, lumber, Ferndale, Wash.
Pehrson, G. A., archit., 816 Riverside, Spokane, Wash.
Peightan, Nevin, contractor, Hundington, Pa.
Peirce, A. H., cornices & skylights, Wellington, Ohio.
Peirce, Adams T. & Co., oil filters, Dover, N. H.
Peirce City Lime Co., Peirce City, Mo.
Peirce Co., rubber substitutes, East Rochester, N. Y.
Peirce, J., Co., granite prod., Greenp't av & Newt'n creek, Brooklyn, N. Y.
Peirce, T. J. H., architect, Jackson Bldg., Providence, R. I.
Peirce, W. E., & Co., mill & facty. supplies, Milford, N. H.
Peirce & Williams, masons & bldrs. matls., Bristol, Pa.
Pierson Hardware Co., Pittsfield, Mass.
Pejepscot Paper Co., 111 B'way, New York.
Peker, Chas. G., architect, 345 5th av, New York.
Pekin Canning Co., Salem, Ind.
Pekin Cooperage Co., Pekin, Ill.
Pekin Engine & Machine Works, Pekin, Ill.
Pekin Wagon Co., Pekin, Ill.
Pekor, Chas. F., throttle valves, Columbus, Ga.
Pekor Iron Works, Columbus, Ga.
Pelaggi, N., & Co., granite, Northfield, Vt.
Pelcher, Harry W., architect, Nat'l Bk. Bldg., Fort Richmond, N. Y.
Pelee Island Sand & Gravel Co., 1800 Scranton rd, Cleveland, O.
Pelham, Geo. F., architect, 30 E. 42d, New York.
Pelham Hod Elevat'g Co., 416 W. 26th, New York.
Pelham Mfg. Co., cotton duck & canvas, Pelham, Ga.
Pelham Mills, thread, twine (cotton), Pelham, S. C.
Pelham Oil & Fertilizer Co., Pelham, Ga.
Pelham Operat'g Co., hoist'b engines, 410 W. 26th, New York.
Pelican Bay Lbr. Co., Klamath Falls, Ore.
Pelican Box Factory, Miro & Julia, New Orleans, La.
Pelican Lake Oyster & Packing Co., Ltd., Houma, La.
Pelican Lumber Co., Ltd., Mound, La.
Pelican Sheet Metal Works, Lake Charles, La.
Pelkey, W. H., scythe stones, Fair Haven, Vt.
Pell City Mfg. Co., denims, Pell City, Ala.
Pell, F. Livingston, architect, 122 E. 25th, New York.
Pell, Geo. E., crude rubber, 68 Broad, New York.
Pella Canning Co., Pella, Ia.
Pellegrini, A., & Co., elec. & gas light fixture mfrs., 155 W. 29th, New York.
Pelletier, Alpheus J., architect, Manchester, N. H.
Pellett & Skinner, contractors, Brattleboro, Vt.
Pelli, Alexanler, & Co., marble interior wk., 509 E. 120th, New York.
Pelligreen Constr. & Inv. Co., Grand & Park av, St. Louis, Mo.
Pellston Planing Mills, lbr., Pellston, Mich.
Pelouze Mfg. Co., spring balances, 232 E. Ohio, Chicago, Ill.
Pels, Henry & Co., machinery dlrs., 90 West, New York.
Peltier, C. H., contractor, Fairbault, Minn.
Peltier Glass Co., Ottawa, Ill.
Pelton Bros., masons' & bldrs.' matls., Herkimer, N. Y.
Pelton, C. H., machst. & fndr., Lyons, Ia.
Pelton & Crane Co., surgical instruments, Detroit, Mich.
Pelton, George E., & Co., typewriter ribbons, Georgetown, Ky.
Pelton, Henry Co., architect, 8 W. 38th, New York.
Pelton, R. B., contractor, 2906 Clinton av, Minneapolis, Minn.
Pelton Steel Co., elec. castings, Chicago rd & Elliott pl, Milwaukee, Wis.
Pelton Water Wheel Co., 19th & Harrison, San Francisco, Cal., & 90 West, New York.
Pelz, Paul J., architect, 2011 F, Washington, D. C.
Pelzer Mfg. Co., cotton sheetings, Pelzer, S. C.
Pember & Campaigne, architects, 24 James, Albany, N. Y.
Pemberton Co., cotton flannels, denims, Lawrence, Mass.
Pemble, Wm., & Sons, paper & pulp mills, Stillwater, N. Y.
Pembroke Roller Mills, flour, Pembroke, Ky.
Pemple Fr., cornices, 17 Bismarck, Boston, Mass.
Pemple, Geo. C., cornices & skylights, 27 Eustis, Boston, Mass.
Pen Carbon Mfg. Co., duplicatng app., New Brunswick, N. J.
Penberthy Injector Co., machsts. & brass fndrs., 346 Holden av, Detroit, Mich.
Penbryn Brick Co., Bridgeton, N. J.
Pence Automobile Co., 800 Hennepin av, Minneapolis, Minn.
Pence, John, steel structural work, West Alexandria, Ohio.
Pence Mailing Mach. Co., Minneapolis, Minn.
Pence, M. E., pearl buttons, Dallas City, Ill.
Pence, Wm. H., machst. & fndr., Fairfield, Ia.
Pencert & Wunder, architects, 310 Chestnut, Philadelphia, Pa.
Pencil Exchange, advtg. novelties, Jersey City, N. J.
Pencil-Printing Co., 140 S. 4th, Philadelphia, Pa.
Pender, R. T., heaters, Lynn, Mass.
Pendergrass Oil Mill, cottonseed meal, Pendergrass, Ga.
Pendleton Co., hatch & tackle blocks, 308 S. Water, Providence, R. I.
Pendleton & Gilkey, lbr., 954 McKnight Bldg., Minenapolis, Minn.
Pendleton Iron Wks., machsts. & fndrs., Pendleton, Ore.
Pendleton, Louis B., archt, Cen.. Nat. Bk. Bldg., St. Louis, Mo.
Pendleton Lumber Co., Santa Ana, Cal
Pendleton Oil Mill, meal, Pendleton, S. C.
Pendleton, S. H., Lumber & Mill Co., Santa Ana, Cal.
Pendleton & Townsend, sash, door & blind mfrs., Paterson, N. J.
Pendleton Woolen Mills, Pendleton, Ore.
Penfield Mfg. Co., projectors, Meriden, Conn.
Penfield Saw Works, mach. knives, Bristol, Conn.
Penfield & Stone, flour mills, Camden, N. Y.
Penick & Ford, Ltd., canned goods, New Orleans, La.
Penick, Hughes Co., whol. hdwe., Stamford, Tex.
Penick, R. A., & Son, whol. hdwe., South Boston, Va.
Peninsula Box & Lumber Co., Menominee, Mich.
Peninsula Iron Wks., St. Johns, Ore.
Peninsula Lbr. Co., Portland, Ore.
Peninsula Shipbuilding Co., Portland, Ore.
Peninsular Auto Parts Co., cam shafts, Detroit, Mich.
Peninsular Box & Lbr. Co., shooks, Menominee, Wis.
Peninsular Brass Wks., machsts., York, bet. Cass & 2d, Detroit, Mich.
Peninsular Brick Co., Salisbury, Md.
Peninsular Casket Co., 23 Galster av, Detroit, Mich.
Peninsular Emery Wheel Co., Detroit, Mich.
Peninsular Fertilizer Co., Palatka, Fla.
Peninsular Milled Screw Co., Detroit, Mich.
Peninsular Naval Stores Co., Jacksonville, Fla.
Peninsular Paint & Varnish Co., Detroit, Mich.
Peninsular Paper Co., Ypsilanti, Mich.
Peninsular Portland Cement Co., Cement City, Mich.
Peninsular Shipbuilding Co., Portland, Ore.
Peninsular Smelting Co., 1385 W. Jefferson av, Detroit, Mich.
Peninsular Stove Co., 8th & Fort, Detroit, Mich.
Peninsular Tool Salvage Co., cutters (milling), 45 Fort, E., Detroit, Mich.
Penley, E. W., meat packers, Auburn, Me.
Penley, Gilman H., fndr. & machst., South Paris, Me.
Pen-Mar Distilling Co., Waynesboro, Pa.
Penn, A. C., Inc., safety razor mfrs., 100 Lafayette, New York.
Penn-Allen Cement Co., Allentown, Pa.
Penn American Refining Co., Rouseville, Pa., & Oil City, Pa.
Penn Beef Co., meat packers, Philadelphia, Pa.
Penn Boiler & Mach. Wks., Reading, Pa.
Penn Brass & Bronze Wks., machsts. & fndrs., 111 Dobbin, Brooklyn, N. Y.
Penn Bridge Co., machsts. & fndrs., Beaver Falls, Pa.
Penn Burner & Plating Co., Inc., gas heaters & logs, 214 W. Ohio, N. S., Pittsburgh, Pa.
Penn Button Wks., 13th & Hamilton, Philadelphia, Pa.
Penn Chemical Co., wood acids, Susquehanna, Pa.
Penn Chemical Wks., 1332 Washington av, Philadelphia, Pa.
Penn Coke Co., Uniontown, Pa.
Penn Const. Co., metallic furn., Marietta, Pa.
Penn Electrical & Mfg. Co., machsts., Irwin, Pa.
Penn Enamel Sink Co., fndrs., Indiana, Pa.
Penn Equipment Co., mill & facty supplies, Park Bldg., Pittsburgh, Pa.
Penn Fndry. Co., Johnston, Pa.
Penn Foundry & Mfg. Co., machsts. & fndrs., Basic, Va.
Penn Foundry & Mfg. Co., Reading, Pa.
See adv index at end of book.
Penn, H. M., Co., elec. & gas light fixtures, 306 Washington, Newark, N. J.
Penn Hdwe. Co., whol. hdwe., 521 Commerce, Phila., Pa.
Penn-Hardware Co., Reading, Pa.
Penn Iron & Coal Co., blast furnaces, Dover, Ohio.
Penn Iron Mining Co., ores, Philadelphia, Pa.
Penn-Keystone Co., pumice stone impts., 329 Broadway, New York.
Penn Lock Wks., 126 N. 4th, Philadelphia, Pa.
Penn Mfrs. Assn., Finance Bldg., Philadelphia, Pa.
Penn Mfg. Co., clothes bars, North Girard, Pa.
Penn Mfg. & Supply Co., Wilkes-Barre, Pa
Penn Metal Ceiling & Roofing Co. (Ltd.), 23d & Hamilton, Philadelphia, Pa.
Penn Metal Co., sheet iron & steel building material, 65 Franklin, Boston, Mass.
Penn Mill Co., flour, Hanover, Pa.
Penn Mold & Mfg. Co., ingot molds, German Bk. Bldg., Wheeling, W. Va.
Penn Oil Products Co., lubrg., 69 E. 28th, Chicago, Ill.
Penn Oil & Supply Co. (Ltd.), compounds, Oil City, Pa.
Penn Planing Mill Co., Reading, Pa.
Penn Refining Co., bicycle oils, Oil City, Pa.
Penn Pottery Co., plumbers' supp., Westmoreland & Tulip, Phila., Pa.
Penn Seaboard Steel Corp., marine, locomotive, ordnance, etc., castings, Franklin Bank Bldg., Philadelphia, Pa.
Penn Spring Wks., Baldwinsville, N. Y.
Penn Steel & Iron Corp., iron bar mills, Lancaster, Pa.
Penn Supply & Equipment Co., railroads, mine, mill contrs. & bldg. supplies, 421 Widener Bldg., Phila., Pa.
Penn Swing & Ladder Co., com. step ladder chairs, Lancaster, Pa.
Penn Tack Co., Norristown, Pa.
Penn Toy Co., 5125 Coral, Pittsburgh, Pa.
Penn, Wm. H., contractor, Lowell, Mass.
Penna Lawn Mower Wks., 1615 N. 23d, Phila., Pa.
Penna Steel Export Co., Widener Bldg., Phila., Pa.
Penna. Stove & Range Co., Spring City, Pa.

Pennant Nov. Co., 322 B'way, New York.
Pennebaker-Turley, hosiery bands, labels, Chattanooga, Tenn.
Pennef, Arthur J. S., switchboards, 500 W. 144th, New York
Pennell, C. M., contractor, Council Bluffs, Ia.
Pennell, Edmond, lumber, Penna Bldg., Philadelphia, Pa.
Pennell, W. C., architect, 607 S. Hill, Los Angeles, Cal.
Penney & Bunt, stone & granite producers, wkrs. & dlrs., Willow av. & 132d, New York.
Penney, Frederic Houghton, architect, Union Bk. Bldg., Pittsburgh, Pa.
Penney, J. W., & Sons Co., mill & facty. supplies, Mechanic Falls, Me.
Penniman, A. C., & Son, Hardware Co., Fort Scott, Kans.
Penniman & Browne, testing laboratories, 215 E. Fayette, Baltimore, Md.
Pennington, A. R., & Co., paper & pulp mills, Forestport, N. Y.
Pennington, Alfred, contractor, Plattsburgh, N. Y.
Pennington, C. S., contractor, 438 W. 45th, New York.
Pennington Canning Co., Pennington, N. J.
Pennington, Chas. S., architect, 14707 Lake av, Cleveland, Ohio.
Pennington, Geo. W., Sons, crankshafts, forgings, rods, etc.,
Pennington, Josiah, architect, 330 N. Charles, Baltimore, Md.
Pennington, Pleasants, architect, 52 Vanderbilt av, New York. 1699 Montgomery, San Francisco, Cal.
Pennington, Prince A., contractor, 138 W. 31st, New York.
Pennock & Brosius, masons' & bldrs.' matls., Avondale, Pa.
Pennock, Meda H., brick, Arlington, N. Y.
Pennock-Walter, Mfg. Co., wagon & carriage spokes, Algood, Tenn.
Pennoyer, J. C., Co., cooperage stock, 226 S. La Salle, Chicago, Ill.
Pennsburg Mfg. Co., sash, door & blind, Pennsburg, Pa.
Pennsy Motors Co., Penn av, nr. Allegheny av, N. S., Pittsburgh, Pa.
Pa. Alcohol & Chemical Co., 136 N. Water, Philadelphia, Pa.
Pa. Blackboard Co., Slatington, Pa.
Pa. Boiler Wks., Erie, Pa.
Pa. Brake Beam Co., steel struct. mills, Danville, Pa.
Pa. Burial Case Co., coffins, etc., Reynoldsville, Pa.
Pa. Casket Co., 2056 N. 6th, Philadelphia. Pa.
Pa. Casting & Machine Co., 501 Preble, Pittsburgh, Pa.
Pa. Cement Co., Bath, Pa., & 30 E. 42d, New York.
Pa. Clay Co., brick, 421 Wood, Pittsburgh, Pa.
Pa. Coal & Supply Co., masons' & bldrs.' matls., Caswell blk., Milwaukee, Wis.
Pa. Cooperage Co., oil barrels, Oil City, Pa.
Pa. Crusher Co., Stephen Girard Bldg., Philadelphia, Pa.
Pa. & Delaware Oil Co., 90 West, New York.
Pa. Door & Sash Co., 902 2d av, Pittsburgh, Pa.
Pa. Elevator Co., Hartje Bldg., Pittsburgh, Pa.
Pa. Engineering Co., heating contrs. & steam fitters' supplies, Philadelphia, Pa.
Pa. Engng. Wks., machsts. & fndrs., New Castle, Pa.
Pa. Equipment Co., 2d hand R. R. equip., Coleman Bldg., Philadelphia, Pa.
Pa. Feldspar Co., Harrison Bldg., Philadelphia, Pa.
Pa. Fibreform Co., shipping cases, 119 S. 4th, Philadelphia, Pa.
Pa. Fire Brick Co., Beech Creek, Pa.
Pa. Fireproofing Co., Erie, Pa.
Pa. Flexible Metallic Tubing Co., 201 N. Broad, Phila., Pa.
Pa. Forge Co., Wakeling & Bermuda, Philadelphia, Pa.
Pa. Furnace & Stove Co., Warren, Pa.
Pa. Gas Co., Oil City, Pa.
Pa. Glass Co., glass bottles, fruit jars etc., Anderson, Ind.
Pa. Glass Mfg. Co., shades & reflectors, 404 Diamond, Pittsburgh, Pa.
Pa. Glass Sand Co., 341 4th av, Pittsburgh, Pa.
Pa. Globe Gas Light Co., 1934 Market, Philadelphia, Pa.
Pa. Grinding Wheel Co., Wayne av & Birkley, Gtn, Phila., Pa.
Pa. Hard Vein Slate Co., roofing slate mfrs., Easton, Pa.
Pa. Iron Wks., fndrs., Eddystone, Pa.
Pa. Knitting Mills, sweaters, 16th & Callowhill, Phila., Pa.
Pa. Lawn Mower Works, 1615 N. 23d, Phila., Pa.
Pa. Lubricating Co., 34th & A. V. R. R., Pittsburgh, Pa.
Pa. Lbr. Co., Sheffield, Pa.
Pa. Marble & Granite Co., West Grove, Pa.
Pa. Marine & Ordnance Castings Co., Wilmington, Del.
Pa. Match Co., Bellefonte, Pa.
Pa. Metal Culv. Co., Warren, Pa.
Pa. Military Coll., engng. school & coll., Chester, Pa.
Pa. Oil Co., lubrg., Erie, Pa.
Pa. Oil & Grease Co., mill & fctv. supp., Atlanta, Ga.
Pa. Oil Products Ref. Co., Eldred, Pa.
Pa. Oiler Co., engine oilers, 250 Fulton, New York.
Pa. Optical Co., Reading, Pa.
Pa. Paraffine Wks., oils, etc., Titusville, Pa.
Pa. Petroleum & Supply Co., lubrg. oils, packing mfrs., 115 N. 2d, Philadelphia, Pa.
Pa. Pneumatic Co., air compressors, Erie, Pa.
Pa. Pulverizing Co., flint, Lewistown, Pa.
Pa. R. R. Co., machsts. & fndrs., North Side, Pittsburgh, Pa.
Pa. R. R. Marine Shops, ft. 10th, Hoboken, N. J.
Pa. Range Boiler Co., 2024 N. 10th, Philadelphia, Pa.
Pa. Refining Co., petroleum, Karns City, Pa.
Pa. Rubber Co., Jeannette, Pa.
Pa. Salt Mfg. Co., chemicals, Widener Bldg., Philadelphia, Pa.
Pa. Shafting Co., machsts. & fndrs., Spring City, Pa.
Pa. Silk Co., umbrella cloth, Bangor, Pa.
Pa. Slate Co., roofing slate mfrs., Slatington, Pa.
Pa. Smelting Co., Benedum Trees Bldg., Pittsburgh, Pa.
Pa. Smelting & Refining Wks., babbitt metal, 906 Filbert, Philadelphia, Pa.
Pa. Soap Co., Lancaster, Pa.
Pa. Stamping Co., York, Pa.
Pa. State Coll., engng. school & coll., State College, Pa.
Pa. Stone, Cement & Supply Co., masons' & bldrs.' supplies, Lancaster, Pa.
Pa. Stove Pattern Wks., 215 N. 2d, Philadelphia, Pa.
Pa. Stove & Range Co., Spring City, Pa.
Pa. Structural Slate Co., Inc., 309-311 Drake Bldg., Easton, Pa.
Pa. Tank Car Co., tank cars (all kinds), Sharon, Pa.
Pa. Trojan Powder Co., Allentown, Pa.
Pa. Trunk Co., 2 Washington, Pittsburgh, Pa.
Pa. Window Glass Co., Kane, Pa.
Pa. Wire Glass Co., rough & skylight glass, Penn Bldg., Philadelphia, Pa.
Pa. Wire Wks., refuse burners, 235 Arch, Philadelphia, Pa.
Pa. Woven Wire Co., woven wire fences, Lock Haven, Pa.
Penny, Geo. L., masons' & bldrs.' matls., Mattituck, N. Y.
Penny, Isaac, contractor, Phelan Bldg., San Francisco, Cal.
Pennypacker W. G., Jr., cooperage stock, Mutual Life Bldg., Buffalo, N. Y.
Penobscot Chemical Fibre Co., 49 Federal, Boston, Mass.
Penobscot Machy. Co., Bangor, Me.
Penobscot Snow Shoe Co., Olamon, Me.
Penrhyn Slate Co., Hydeville, Vt.
Penrhyn Slate Co., Middle Granville, N. Y.
Penrod Walnut & Veneer Co., lbr. mfrs., Kansas City, Mo.
Penrose Motor, Inc., gas engines, Penna Bldg, Phila., Pa.
Pensacola Cooperage Co., Pensacola, Fla.
Pensacola Excelsior Co., excelsior mfrs., Pensacola, Fla.
Pensacola Gas Engine & Supply Co., Pensacola, Fla.
Pensacola Lumber & Timber Co., Pensacola, Fla.
Pensacola Mattress Co., Pensacola, Fla.
Pensacola Tar & Turpentine Co., Gull Point, Fla.
Pentecost, Douglas S., architect, 127 N. Dearborn, Chicago, Ill.
Pentecost, Geo. F., Jr., landscape architect, 15 E. 40th, New York.
Penton Advtg. Co., spec., 400 Chestnut, Phila., Pa.
Pentucket Narrow Fabric Mills, Lowell, Mass.
Pentucket Wood Heel Co., Haverhill, Mass.
Penwarden, E. Darwin, chemicals, Carley Brook, Pa.
Peo, Leon L., & Co., motor boat bldrs., Cape Vincent, N. Y.
Peoples, Alfred D., mill & facty. supplies, 507 Market, Wilmington, Del.
Peoples Bros., masons' & bldrs.' matls. & contrs., 25th & Callowhill, Philadelphia, Pa.
Peoples & Cheney, architects, Haas Bldg., Los Angeles, Cal.
Peoples Coal & Masons' Supply Co., Lynn, Mass.
Peoples Cotton Oil Co., Lafayette, La.
Peoples, E. R., Inc., mill & facty. supp., Fairbanks, Ala.
Peoples Fertilizer Co., Bay Minette, Ala.
Peoples' Fertilizing Wks., Midland City, Ala.
Peoples Gas Fixture Co., 6th & Main, Cincinnati, Ohio.
People's Hardware Co., Gary, Ind.
People's Hardware Co., Savannah, Ga.
Peoples, J. W., lumber, Brooks, Ga.
Peoples Lumber Co., Salem, Ohio.
Peoples Lumber & Supply Co., Augusta, Ga.
Peoples Oil Co., Augusta, Ga.
Peoples Oil & Fertz. Co., Anderson, S. C.
Peoples Scrap Iron & Metal Co., 1528 N. 2d, Minenapolis, Minn.
Peoples Supply Co., fertilizer mfrs., Kellyton, Ala.
Peoples, U. J. L., architect, Vandergrift Bldg., Pittsburgh, Pa.
Peoria Auto-Kot Co., Peoria, Ill.
Peoria Builders' Supply Co., Peoria, Ill.
Peoria Can Co., Peoria, Ill.
Peoria Casket Co., Peoria, Ill.
Peoria Coal Drill Wks., Peoria, Ill.
Peoria Cordage Co., Peoria, Ill.
Peoria Drill & Seeder Co., Peoria, Ill.
Peoria Elec. Fix. Co., Peoria, Ill.
Peoria Fdry. Co., Peoria, Ill.
Peoria Fuel Co., masons' & bldrs.' matls., Peoria, Ill.
Peoria Lounge & Mattress Co., Peoria, Ill.
Peoria Roofing Co., cornices, Peoria, Ill.
Peoria Stone & Marble Wks., 140 S. Dearborn, Chicago & Peoria, Ill.
Peoria Tent & Awning Co., 119 Main, Peoria, Ill.
Peoria Tractor Co., engines, Peoria, Ill.
Peoria Trunk Fcty., Peoria, Ill.
Peper, J. W., mill & facty. supplies, machst., Madison, Wis.
Pepin, Delos T., contractor, East Hampton, Mass.
Peppard, O. E., contractors, Missoula, Mont.
Pepper, J. H., brick, Middle Granville, N. Y.
Pepper, Jas. E., & Co., distillers, Lexington, Ky.
Pepper, Jas. E., Dist. Co., 79 Monroe, Chicago, Ill.
Pepper, Jno., Sr., fishing tackle & rods, Rome, N. Y.
Pepperell Mfg. Co., cotton sheetings, Biddleford, Me.
Peppers, H. D. & L. W., architects, Third Nat. Bk. Bldg., Atlanta, Ga.
Pepperton Cotton Mills, Jackson, Ga.
Peppler, Thos., Son & Co., agric. implts., Highstown, N. J.
Pequannock Valley Paper Co., Butler, N. J.

Pequanoc Rubber Co., Butler, N. J.
Pequaonnock Fdry., gray iron castings, Bridgeport, Conn.
Pequot Brass Foundry, Norwich, Conn.
Percival Iron Co., 232 Aliso, Los Angeles, Cal.
Percy & Small, ship bldrs., Bath, Me.
Perdue, W. B., brick, Elba, Ala.
Pereira, Percival R., architect, 220 W. 42d, New York.
Perey Mfg. Co., turnstiles, 30 Church, New York.
Perfect Cornice & Roofing Co., 457 E. 180th, New York.
Perfect Floor Surfacing Co., 614 Race, Cincinnati, Ohio.
Perfect Gas Controller & Fix. Co., regulators, 4046 S. State, Chicago, Ill.
Perfect Safety Window Guard, clean'g appliances, 15 E. 40th, New York.
Perfect Stove & Mfg. Co., Belleville, Ill.
Perfect Tank & Seat Co., closet seats, Syracuse, N. Y.
Perfect Window Regulator Co., 20 Exchange pl, New York.
Perfection Bed Spring Co., Mansfield, Ohio.
Perfection Check Protector Co., Williamsport, Pa.
Perfection Chilled Plow Co., South Bend, Ind.
Perfection Concrete Stave Silo Co., Des Moines, Iowa.
Perfection Dyeing Machine Co., Columbus, Ga.
Perfection Furnace Pipe Co., Toledo, Ohio.
Perfection Grate & Supply Co., Springfield, Mass.
Perfection Mfg. Co., canvas aprons, wagon umbrellas, etc., Montgomery & Leffingwell, St. Louis, Mo.
Perfection Mfg. Co., cow milking machs., 2600 E. 26th, Minneapolis, Minn.
Perfection Mfg. Co., toothpicks, River Rouge, Mich.
Perfection Mfg. Co., veneer mfrs., Jefferson W. River Range, Detroit, Mich.
Perfection Machine Works, Inc., Hertel av, Buffalo, N. Y.
Perfection Mattress & Spring Co., Birmingham, Ala.
Perfection Metal Bar Co., store front const., 3321 Lorain av, Cleveland, Ohio.
Perfection Metal Products Co., road culverts, silos, tanks, etc., Topeka, Kans.
Perfection Metallic Weather Strip Co., Detroit, Mich.
Perfection Mortise Mach. Co., Columbus, Ohio.
Perfection Oil Co., lubrg., Olean, N. Y.
Perfection Shear Co., North Woodbury, Conn.
Perfection Storage Battery Co., 2909 Indiana, Chicago, Ill.
Perfection Supply Co., elect'l brushes, holders, etc., 98 Park pl, New York.
Perfection Tire & Rubber Co., auto tires & hose, 140 S. Dearborn, Chicago, Ill.
Perfection Tube Co., inner tubes, Painesville, Ohio.
Perfection Vacuum Cleaner Co., 25 N. Jefferson, Chicago, Ill.
Perfection Wood Steaming Retort Co., Parkersburg, W. Va.
Perfex Radiator Co., Racine, Wis.
Perforated Pad Co., hdwe. mfrs., Woonsocket, R. I.
Perine, M., & Sons, potteries, 1009 W. Baltimore, Baltimore, Md.
Perine Machinery Co., dlrs., Seattle, Wash.
Perine Plow Works, Topeka, Kans.
Perkes, Chas., Co., plumbers' supplies, jobbers, 627 Arch, Philadelphia, Pa.
Perkins Appliance Co., concrete hangers, Springfield, Mass.
Perkins, Arthur L., Co., mill, facty. & plumbers' supplies, 144 12th, Jersey City, N. J.
Perkins, B. F., carriages, Farmington, N. H.
Perkins, B. F., & Son, paper & pulp machy., elec. disc fans, Holyoke, Mass.
Perkins Box Co., packing, Gloucester, Mass.
Perkins Bros., machsts. & fndrs., Havana, Ill.
Perkins Bros. Co., pads & tablets, Sioux City, Ia.
Perkins Bros. Co., plate glass, sash, door & blind mfrs., 970 Westminster, Providence, R. I.
Perkins, C. N., Co., hook & ladder trucks, Lawrence, Mass.
Perkins-Campbell Co., harness, saddles, etc., 622 B'way, Cincinnati, Ohio.
Perkins, Chas. Bruen, architect, 140 Boylston, Boston, Mass.
Perkins, Chas., Co., machsts., 132 S. Clinton, Chicago, Ill.
Perkins, Chas. P., skiver knives, Brockton, Mass.
Perkins & Co., machsts. & fndrs., Grand Rapids, Mich.
Perkins, Dwight H., architect, 814 Tower Ct, Chicago, Ill.
Perkins, E. B., contractor, 133 W. Washington, Chicago, Ill.
Perkins Elec. Switch Mfg. Co., Bridgeport, Conn.
Perkins, Fellows & Hamilton, architects, 6 N. Clark, Chicago, Ill.
Perkins Fdry. Co., Amsterdam, N. Y.
Perkins, Frank E., architect, 225 5th av, New York.
Perkins, Frank W., architect, 80 E. Jackson blvd, Chicago, Ill.
Perkins, Fred'k W., architect, Alworth Bldg., Duluth, Minn.
Perkins, Geo. E., chemists, 1620 Smith, Providence, R. I.
Perkins Glue Co., Lansdale, Pa.
Perkins, Goodwin & Co., china clays, 33 W. 42d, New York.
Perkins Grinder Co., grinding machines, 706 American Trust Bldg., Cleveland, Ohio.
Perkins, H. F., mill & facty. supplies, Malone, N. Y.
Perkins, H. F., stone producers, Lena, Ill.
Perkins, Harland A, architect, 44 Bromfield, Boston, Mass.
Perkins, Hy., Co., machsts. & fndrs., Bridgewater, Mass.
Perkins, Isaiah W., carriage bodies, Lynn, Mass.
Perkins, J. A., architect, Haverhill, Mass.
Perkins, J. T., Co., press cloths, 669 Kent av, Brooklyn, N. Y.
Perkins & Jackson, contractors, Wheeling, W. Va.
Perkins, Lloyd, stone polishing lathes, Middleboro, Mass.
Perkins Machine Co., 216 N. Jefferson, Chicago, Ill., & Warren, Mass.
Perkins Mfg. Co., iron architect & ornamental, fireproof doors, shutters, etc., University & Fairview avs, St. Paul, Minn. *See adv index at end of book.*
Perkins Mfg. Co., lumber, Augusta, Ga.
Perkins Oil Co., Memphis, Tenn.
Perkins Steel Co., 143 Liberty, New York.
Perkins, S. W., lumber, Fairlee, Vt.
Perkins, T. C., architects, 362 Bement av, West New Brighton, N. Y.
Perkins, W. J., flour, Helton, N. C.
Perkins, Wilbur C., & Co., vacuum cleaners & furniture polish, 1925 Southwestern, Chicago, Ill.
Perkins Wind Mill Co., wind mill & gasoline engine mfrs., Mishawaka, Ind
Perkinson Bros., Constr. Co., 3237 Carter av, St. Louis, Mo.
Perkinson & Brown, cornices, 412 N. Lincoln, Chicago, Ill.
Perkinson Const. Co., contrs., 3237 Carter av, St. Louis, Mo.
Perkinson & Finn, contractors, Petersburg, Va.
Perkiomen Crushed Stone Co., Green Lane, Pa.
Perkiomen Paper Co, Pennsburg, Pa.
Perks, John, contractor, Scranton, Pa.
Perl Bros., architects, N. Y. Life Bldg., Minneapolis, Minn.
Perley, A. P., lbr., Williamsport, Pa.
Perlman, A., Iron Wks., Inc., 1725 West Farms rd, New York.
Permalife Storage Battery Co., Poughkeepsie, N. Y.
Permanent Advtg. Co., signs, cardboard, Reading, Pa.
Permanent Machine & Mfg. Co., E. 55th, Cleveland, Ohio.
Permutit Co., water softening app., 440 4th av, New York.
Pero Fndry. Co., Worcester, Mass.
Pero & Stoecker, fertilizer mfgs., Louisville, Ky.
Perolin Co. of America, boiler compounds, 1112 W. 37th, Chicago, Ill.
Perot, Robeson Lea, architect, 34 S. 17th, Philadelphia, Pa.
Perpente Mfg. Co., hdwe. mfrs., New Haven, Conn.
Perram, Henry T., architect, 435 Brisbane, Buffalo, N. Y.
Perrigo, A. B., coffins, etc., 3913 Cottage Grove av, Chicago, Ill.
Perrin, Seamans & Co., steamfitters' supplies, 57 Oliver, Boston, Mass.
Perrin, Wm. R., & Co., power hydraulic presses, etc., Old Colony Bldg., Chicago, Ill.
Perrin, Winfield M., architect, North Yakima, Wash.
Perrine-Armstrong Co., lumber mfrs., Ft. Wayne, Ind.
Perrine, Atwood, masons' & bldrs.' matls., Harrison, Ohio.
Perrine & Buckelow, masons' & bldrs.' matls., Jamesburg, N. J.
Perritt Iron & Roofing Co., cornices, Rosedale & P. R. R., Pittsburgh, Pa.
Perrizo & Sons, lbr. mfrs., Daggett, Mich.
Perrow-Evans Hardware Co., Lynchburg, Va.
Perry, A. G., Plow Co., machsts. & fndrs., Coldwater, Miss.
Perry-Austen Mfg. Co., paint remover, Grasmere, S. I., N. Y.
Perry, Bennett & Son, granite producers, Stoneham, Mass.
Perry Bros., contractors, Montgomery, Ala.
Perry Bros., granite producers, Concord, N. H.
Perry & Brown, cornices & skylights, Putnam, Conn.
Perry, Buxton, Doane Co., second-hand pipe, First, Boston, Mass.
Perry, C. H., machst. & fndr., Miami, Fla.
Perry, C. T., & Co., soap, Helena, Mont.
Perry, Chas. B., contractor, 3022 14th, N. E., Washington, D. C.
Perry, Chas. E., paper, 77 Washington, N. Boston, Mass.
Perry, D. S., & Co., corn brooms, Urbana, Ohio.
Perry, D. T., contractor, Brattleboro, Vt.
Perry Derrick Varnish Co., 1660 Central av., Cincinnati, Ohio.
Perry, E. C., & Son, contractors, Duluth, Minn.
Perry, Emerson E., contractor, Attleboro, Mass.
Perry, F. A., Warehouse, fertilizer, Sale City, Ga.
Perry, F. S., architect, 410 25th, Ogden, Utah.
Perry, F. W., Machine Co., Youngstown, Ohio.
Perry-Fay Mfg. Co., screw machine products, Elyria, Ohio.
Perry, G. F., & Sons, masons' & bldrs.' matls., 261 Fabyan pl, Newark, N. J.
Perry, Geo. H., stone, Sioux Falls, S. D.
Perry, Geo. W., contractor, Ithaca, N. Y.
Perry Glove & Mitten Co., Perry, Mich.
Perry Grain & Cement Co., masons' & bldrs.' matls., Vicksburg, Miss.
Perry Granite Co., Waterbury, Vt.
Perry, H. M., cornices, 218 George, New Haven, Conn.
Perry-Hanna Mercantile Co., charcoal, Beaty, Ark.
Perry & Henderson, flour mills, Connellsville, Pa.
Perry Iron Co., blast furnaces, Erie, Pa.
Perry, J. P., & Co., steamfitters' supplies, 276 Devonshire, Boston, Mass.
Perry, James H., architect, 349 S. 4th, Mount Vernon, N. Y.
Perry, Jno. W., & Sons, tubular boilers, Syracuse, N. Y.
Perry Mfg. Co., masons' & bldrs.' matls., Perryopolis, Pa.
Perry Mill Co., flour, Perry, Okla.
Perry, O. H. & Son, canned goods, Manlius, N. Y.
Perry Oil Co., soap, Pawtucket, R. I.
Perry Packing Co., canned goods, Perry, Ia.
Perry, Samuel E., architect, Rocky Mount, N. C.
Perry Stone Co., Ellettsville, Ind.
Perry & Thomas, architects, 140 S. Dearborn, Chicago, Ill.

Perry Ventilator Corp., passenger car ventilator mfrs., 200 Devonshire, Boston, Mass.
Perry-Victoria Sand Co., Buffalo, N. Y.
Perry, W. A., Contracting Co., 406 S. Main, Los Angeles, Cal.
Perry, W. C., architect, 604 Mission, San Francisco, Cal.
Perry, W. D., cross ties, Longstreet, La.
Perry, W. G., architect, 19 Congress, Boston, Mass.
Perry, Wm. H., Lbr. Co., 1821 Gilbert av, Cincinnati, Ohio.
Perrysburg Tile & Brick Co., Perrysburg, Ohio.
Perrysville Stove Works, machsts. & fndrs., Perrysville, Ind.
Persault, Moses J., fndr., Fitchburg, Mass.
Perseverance Iron Fndry. Co. (Ltd.), Passynk & Federal, Philadelphia, Pa.
Perske, Frank, cornices & skylights, 439 E. 92d, New York.
Persley, L. H., architect, Macon, Ga.
Personius, D. V., & Son, flour mills, Waverly, N. Y.
Persons-Arter Machine Co., surface grinders & magnetic chucks mfrs., Worcester, Mass.
Persons Mfg. Co., bicycle saddles, 344 Franklin, Worcester, Mass.
Persons, W. O., masons' & bldrs.' matls., Montclair, N. J.
Perth Amboy Chemical Wks., formaldehyde, Perth Amboy, N. J.
Perth Amboy Dry Dock Co., machsts., Perth Amboy, N. J.
Perth Amboy Fire Brick Co., sand & gravel dlrs., 114 Liberty, New York.
Perth Amboy Fndry. & Mach. Co., Perth Amboy, N. J.
Perth Amboy Tile Wks., Perth Amboy, N. J.
Peru Auto Parts Mfg. Co., machsts. & fndrs., Peru, Ind.
Peru Basket Co., Peru, Ind.
Peru Canning Co., Peru, Ind.
Peru Canning & Mfg. Co., Peru, Nebr.
Peru Construction Co., Peru, Ill.
Peru Electric Co., electrical mechanical porcelain spec., Peru, Ind.
Peru Lumber Co., Peru, Ind.
Peru Milling Co., flour, Peru, Ind.
Peru Plow & Wheel Co., Peru, Ill.
Peru-Van Zandt Implement Co., Wichita, Kans.
Peruvian Guano Corp., Charleston, S. C.
Pervear, H. N., Co., advtg. spec., Providence, R. I.
Peshtigo Lumber Co., Peshtigo, Wis.
Pestel Cooperage Co., wooden kegs, 2828 Bismarck, Richmond, Va.
Petaluma Incubator Co., Petaluma, Cal.
Petchtle, Emmet, masons' & bldrs.' matls., Middleburg, N. Y.
Peteler Car Co., machsts. & fndrs., Minneapolis, Minn.
Peter, Alfred, 238 Washington, Newark, N. J.
Peter Bros., Mfg. Co., tapping & abrasive metal cutting machines, Algonquin, Ill.
Peter & Burghard Stone Co., Louisville, Ky.
Peter, F. N., & Bros., machsts. & fndrs., Newside, Pa.
Peter & Guckenberger, cordage & twine mfrs., 1205 Budd., Cincinnati, Ohio.
Peter, H. A., Supply Co., mill & facty. supplies, Paducah, Ky.
Peter & Melcher Steam Stone Wks., Louisville, Ky.
Peter & Volz Co., machsts. & fndrs.—desk mfrs., Arlington Heights, Ill.
Peterman, A. J., sashes, doors & blinds., Fredericksburg, Ohio.
Peterman Mfg. Co., sash, door & blind, Tacoma, Wash.
Peters & Bradley Mill Co., flour, Knoxville, Tenn.
Peters Buggy Co., carriages, 330 W. Spring, Columbus, Ohio.
Peters Cartridge Co., 1st National Bank Bldg., Cincinnati, O.
Peters Co., gummed cloth, paper & tapes, 33 35th, Bklyn, N. Y.
Peters, David, & Son Fence & Gate Co., Homer, Ill.
Peters, E. D., & Sons, roofing slate mfrs., Slatington, Pa.
Peters, E. E., Mach. Co., Springfield, Ohio.
Peters, E. J., architect, Shawnee, Okla.
Peters, Edw. D., metallurgical engrs., 38 Percival, Boston, Mass.
Peters-Eichler Htg. Co., 1516 Pine, St. Louis, Mo.
Peters, F. H., architect, 129 W. 3d, Los Angeles, Cal.
Peters, Frank L., masons' & bldrs.' matls, Saegertown, Pa.
Peters, G. A., Realty Co., contrs., Mercantile Bldg., Cincinnati, Ohio.
Peters, G. H., Co., cornices, 293 Oak, Buffalo, N. Y.
Peters, H. A., Co., contractors, 19 S. La Salle, Chicago, Ill.
Peters, H. J., Co., elec. light fix. Mfrs., 213 Institute pl, Chicago, Ill.
Peters Harness & Saddlery Co., 364 Mulberry, Newark, N. J.
Peters, Hy., Brass Fdry. Co., Aurora, Ill.
Peters, Herman, & Bros., architects, Reibold Bldg., Dayton. O.
Peters & Herron Dash Co. automobile dashes, aprons, etc., 533 E. Long, Columbus, Ohio.
Peters Home Bldg. Co., 654 McKnight, Minneapolis, Minn.
Peters. I. A., contractor, N. W. Bank Bldg., Portland, Ore.
Peters, Jas., & Son., hdwe. mfrs., 1934 N. Front, Phila., Pa.
Peters, John., meat packers, Williamsport, Pa.
Peters, John M., Jr., lumber mfr., Bleecker, N. Y.
Peters, Jno. M., Sons, wood novelties, Bleecker, N. Y.
Peters, L. W., contractor, 785 Euclid av, St. Louis, Mo.
Peters Machine & Mfg. Co., 7320 Madison av, Cleveland, Ohio.
Peters Machine Wks., machsts. & fndrs., Kelso, Wash.
Peters Mill Work & Lumber Co., sash, door & blind, Carter rd, Cleveland, Ohio.
Peters, Nicholas D., & Co., contractors, 301 Kossuth av, Utica, N. Y.
Peters Oil & Compound Co., 356 Clinton, Milwaukee, Wis.
Peters Packing Co., meat, McKeesport, Pa.
Peters Paper Co., Latrobe, Pa.
Peters Pump Co., Kewanee, Ill.
Peters, R. G., Salt & Lbr. Co., Eastlake, Mich.
Peters & Reed Pottery Co., Zanesville, Ohio.
Peters Trimming Co., fringes, 923 Fulton, Chicago, Ill.
Peters, White & Co., caustic chem., 55 John, New York.
Peters, Wm. C., cornices & skylights, 1859 Carter av., New York.
Petersburg Excelsior Mills, Petersburg, Va.
Petersburg Fire Brick & Tile Co., Coal Grove, Ohio.
Petersburg Hardware Co., Petersburg, Va.
Petersburg Packing Co., canned goods, Seattle, Wash.
Petersburg Rim & Veneer Co., spokes, Petersburg, Va.
Petersburg Sand & Gravel Corp., Petersburg, Va.
Petersburg Sanitary Canning Co., Petersburg, Ind.
Petersburg Trunk & Bag Co., Petersburg, Va.
Petersen, A., Desk Co., 426 Armour, Chicago, Ill.
Petersen, H. Adolphus, architect, New York Life Bldg., Minneapolis, Minn.
Petersen, Jens. C., architect, Traverse City, Mich.
Petersen Oven Co., 112 W. Adams, Chicago, Ill.
Petersen, Walter, contractor, Nat. Fld. & Cas. Bldg., Omaha, Neb.
Peterson, A., lumber, Soldiers' Grove, Wis.
Peterson Art Furniture Co., Faribault, Minn.
Peterson, Bell & Co., lumber mfrs., Clinton, Ia.
Peterson Bros., contractors, New Rochelle, New York.
Peterson Bros., lumber, Camas, Wash.
Peterson Bros., cornices & skylights, Storm Lake, Ia.
Peterson, C. E., Co., sash, door & blind mfrs., 4914 Wentworth av, Chicago, Ill.
Peterson, Chas., Co., contractors, Keystone Bldg., Pittsburgh, Pa.
Peterson, Chas. E., contractor, 3934 Wyoming, Kansas City, Mo.
Peterson, Chas. J., & Co., switchboards, 725 Fulton, Chicago, Ill.
Peterson & Clark, architects, Steubenville, Ohio.
Peterson, Edward, Co., contractors, W. O. W. Bldg., Omaha, Neb.
Peterson, F. W., Co., wood turners, 68 Thomas, New York.
See adv index at end of book.
Peterson, Fred, architect, State Bk. Bldg., Omaha, Neb.
Peterson, Geo., contractor, Burlington, Ia.
Peterson, Gust, architect, Manistee, Mich.
Peterson & Hiss Co., masons' & bldrs.' matls., Sandusky, Ohio.
Peterson, Horace B., architect, 34 S. 17th, Phila., Pa.
Peterson, J., Co., organs, pianos, Moline, Ill.
Peterson & Johnson, architects, Swedish Am. Bldg., Rockford, Ill.
Peterson, Leonard, & Co., draughting tables, 1234 Fullerton av, Chicago, Ill.
Peterson & Loveland, machsts., Woodstown, N. J.
Peterson Lumber Co., sash, door & blind, Warsaw, Ind.
Peterson Mfg. Co., agricultural implements, Kent, Ohio.
Peterson, Martin, common brick, Barronette, Wis.
Peterson, N. F., steam htg. contr., 2525 3d av, New York.
Peterson, P., contractor, Omaha, Neb.
Peterson, P. L., contractor, Spokane, Wash.
Peterson, P. N., Granite Co., 352 Cedar, St. Paul, Minn.
Peterson, Peter, contractor, Moline, Ill.
Peterson, Robt. M., contractor, 5250 Wakefield, Germantown, Phila., Pa.
Peterson, S. C., architect, 445 E. 58th, Portland, Ore.
Peterson, Sam'l, handles, neck yokes, etc., Warren, Pa.
Peterson, Simon, Brick, Benson, Ill.
Peterson, V. S., contractor, 237 Essex, Salem, Mass.
Peterson, W. R., turpentine, O'Brien, Fla.
Peterson, Wm. F., contractor, 25 W. Jackson blvd., Chicago, Ill.
Petertyl, Victor, insulator pins & braces, Traverse City, Mich.
Petgen Co., glass mosaic wk., 6709 Hamilton av, Pittsburgh, Pa.
Petigor, M. H., soda water fountains, 434 Water, New York.
Petit, John J., architect, 103 Park av, New York.
Petley Rubber Mfg. Co., 247 Oregon, Milwaukee, Wis.
Petrel Motor Car Co., 1st & Oklahoma av, Milwaukee, Wis.
Petrik, J. F. & Sons, mattresses, Topeka, Kan.
Petrikin, J. G., architect, Cambridge, Ohio.
Petro Pulp Floor Co., Grand av Temple, Kansas City, Mo.
Petroleo Co., lubrg. oils, Waterford, N. Y.
Petroleum Iron Works Co., The, steel plate const., Sharon, Pa.
Petroleum Products Co., lubrg. oils & greases, 51 Front, New York.
Petroleum Products Co., petroleum products, 3917 Neville, Pittsburgh, Pa.
Petroleum Refining Co., 156 N. La Salle, Chicago, Ill.
Petrolia Refining Co., benzine, petroleum, etc., Petrolia, Pa.
Petry, Jno. W., Co., mill & facty. supplies, 87 5th, Long Island City, N. Y.
Petry, Louis M., architect, White Plains, N. Y.
Petry, N. A., Co., brass castings, 1309 Race, Phila., Pa.
Pette, John P., architect, 131 Jackson, Trenton, N. J.
Pettebone-Cataract Paper Co., Niagara Falls, N. Y.
Pettebone & Lewis, archts., 2d Nat. Bk. Bldg., Wilkes-Barre, Pa.
Pettee, W. J., & Co., whol. hdwe., Oklahoma, Okla.
Petterson, Edw., coppersmith, 231 South, New York.
Petterson, L. M., contractor, 21 Edward, Worcester, Mass.
Petterson & Persson, contractors, 62 Post, San Francisco, Cal.
Pettes & Randall Co., watchman's clocks, 150 Nassau, New York.
Petteway Turpentine Co., Wauchula, Fla.
Petti, N., architect, 11805 Euclid av, Cleveland, Ohio.
Pettibone Bros., Mfg. Co., employes' uniforms, 626 Main, Cincinnati, Ohio.
Pettibone Mulliken & Co., machsts. & fndrs., 140 S. Dearborn, Chicago, Ill.

Pettigrew Fdry Co., grey iron castings, Harvey, Ill.
Pettigrew, Wm., machst. & fndr., Everett, Pa.
Pettingell-Andrews Co., spark plugs, 511 Atlantic av, Boston, Mass.
Pettingell Machine Co., Amesbury, Mass.
Pettingill, Geo. S., brick, Lewiston, Me.
Pettinos, Chas. E., graphite refiners, etc., 25 Church, New York.
Pettis, B. H., Co., scrap iron, 102 Harris av, Providence, R. I.
Pettit, B. G., masons' & bldrs.' matls., Crooksville, Ohio.
Pettit & Co., brick, New Brunswick, N. J.
Pettit & Co., lamp wicks, Lockport, N. Y.
Pettit & Cook Co., brick, South River, N. J.
Pettit Feather & Bedding Co., Portland, Ore.
Pettit & Firestone, Charles E., Co., architects, Canton, Ohio.
Pettit, Frank, Ornamental Iron Wks., bank railings, 809 Master, Phila., Pa.
Pettler, P., & Son, mill & facty. supp., Beaver Falls, Pa.
Pettler Steel Mat & Mfg. Co., iron settees, Beaver Falls, Pa.
Pettler Wire Products Co., Beaver Falls, Pa.
Petty, J. A., contractor, 607 Godchaux, New Orleans, La.
Petty, J. A., lumber, Sycamore, Ohio.
Petty, J. K., & Co., boilers, tanks, etc., Stephen Girard Bldg., Phila., Pa.
Petty, Wm., stone producers, McKees Rocks, Pa.
Pettyjohn Co., machsts., Terre Haute, Ind.
Pettyjohn, J. P., & Co., contractors, Lynchburg, Va.
Petz Construction Co., 207 N. Market, Newark, N. J.
Petzelt & Keyser, carriages, 24th & Locust, Phila., Pa.
Petzold, Herman H., architect, Lawrence, Mass.
Peuchen, Stanley C., belt dressing, N. Tonawanda, N. Y.
Peugeot Auto Import Co., 1800 B'way, New York.
Pevear, Everett S., bldg. contr., 486 Chestnut, Lynn, Mass.
Pevear, W. H., & Co., masons' & bldrs' matls., Watertown, Mass.
Peverley Bros., marble producers, 1215 Filbert, Phila., Pa.
Pevey Fndry. Co., Lowell, Mass.
Pewabic Co., iron ores, Milwaukee, Wis.
Pewabic Pottery Co., 2161 Jefferson E., Detroit, Mich.
Peyton, John B., lbr., Trinity, Tex.
Pfaelzer, L., & Sons, meat packers, 3927 S. Halsted, Chicago, Ill.
Pfaender Bros., contractors, Toledo, Ohio.
Pfaff, Geo., mill & facty. supplies, 109 Lafayette, New York.
Pfaff & Kendall, fndrs., Newark, N. J.
Pfaller, Frank, machsts. & fndrs., 6947 Susquehanna, Pittsburgh, Pa.
Pfaltz & Bauer, chem. & glues, 300 Pearl, New York.
Pfaltzgraff Pottery Co., flower pots, York, Pa.
Pfannmueller Engineering Co., 38 S. Dearborn, Chicago, Ill.
Pfanstiehl Co., rare metals & electrical specialties, North Chicago, Ill.
Pfarr & Hobart Co., masons' & bldrs.' matls., Akron, Ohio.
Pfau Mfg. Co., brass fndrs., Mentor & Huston, Norwood, Cincinnati, Ohio.
Pfaudler Co., glass enamelled steel tanks, Cutler Bldg., Rochester, N. Y.
Pfau's, Geo., Sons Co., lard oils, Jeffersonville, Ind.
Pfeffer, Jacob, masons' & bldrs.' matls., 10 Vernon av, Long Island City, N. Y.
Pfeffer, Mrs. P., brick, Gainesville, Ga.
Pfeifer Bros., cornices & skylights, 473 Greenwich, New York.
Pfeifer, F., pipe wrenches, 97 Reade, New York.
Pfeifer, John C., machst. & fndr., Rockport, Ind.
Pfeifer, Jno., & Co. (Ltd.), shovel mfrs., 222 Race, Phila., Pa.
Pfeifer, Mathias, Heating Co., 314 18th, Milwaukee, Wis.
Pfeiffenberger, L., & Son, architects, 102 W. 3d, Alton, & Main & Division, East St. Louis, Ill.
Pfeiffer & Burch, lumber, Edmore, Mich.
Pfeiffer, C. B., turpentine, Sylvania, Ga.
Pfeiffer, C. P., heating contractor, Denver, Colo.
Pfeiffer, Clarence, contr., Sea Isle City, N. J.
Pfeiffer Color Co., 100 William, New York.
Pfeiffer, E., cornices & skylights, 1263 Jerome av, New York.
Pfeiffer, G., architect, Miami, Fla.
Pfeiffer, Geo. L., architect, Lemon City, Fla.
Pfeiffer, Henry, & Son Co., mill & facty. supplies, whol. hdwe., Fort Wayne, Ind.
Pfeiffer, Philipp G., architect., 10 E. McMillan, Cincinnati, Ohio.
Pfeiffer Stone Co., Batesville, Ark.
Pfeiffer, Walter, architect, 10 E. McMillan, Cincinnati, Ohio.
Pfeiffer, Wm., Auto & Carriage Wks., Omaha, Neb.
Pfeiffers, Jno., Plating Wks., Syracuse, N. Y.
Pfeifle, Robt., contractor, South Bethlehem, Pa.
Pfeil, Chas. J., Co., sash, door & blind mfrs., 1976 W. 3rd, Cleveland, Ohio.
Pfeil, C. O., architect, Tennessee Trust Bldg., Memphis, Tenn.
Pfender Bros., chain pumps, Evansville, Ind.
Pfennig, J., cornices, 24 Hamburg pl, Newark, N. J.
Pfister, Ludwig O., contractor, 600 21st av, Milwaukee, Wis.
Pfister & Vogel Leather Co., 443 Virginia, Milwaukee, Wis.
Pfister, Wm. H., machst. & fndr., 230 W. 4th, Cincinnati, Ohio.
Pfisterer, C. G., traveling bags, 800 E. Jefferson, Los Angeles, Cal.
Pfistner, Fred'k, cornices, 108 Lincoln, Jersey City, N. J.
Pfizer, Chas., & Co., chem. crystals, 81 Maiden la, New York.
Pfleghar Hdwe. Spec. Co., New Haven, Conn.
Pfoertner, Lehmann Mach. Co., St. Louis, Mo.
Pfund, G. F., & Son, meat packers, 3945 Germantown av, Philadelphia, Pa.
Pfundstein, S., Tool Wks., machsts., Peoria, Ill.
Phair, Chas. F. A., lbr. & starch mfr., Presque Isle, Me.
Phair, C. F. A., starch mfr., Presque Isle, Me.
Phair, Fred, contractor, Paulsen Bldg., Spokane, Wash.
Pharis Tire & Rubber Co., Newark, Ohio.
Pharmaceutical Era, trade publication, 3 Park pl, New York.
Pharo, J. A., contractor, Bayonne, N. J.
Pharr, G. F., lumber, Dacula, Ga.
Pharr, King, canned goods, Catherine, Ala.
Pheby, Geo. E., architect, Phoenix, Ariz.
Pheiffer Stone Co., St. Joseph, Mo.
Phelan Engineering & Construction Co., Hoboken, N. J.
Phelan-Faust Paint Mfg. Co., 1008 Pine, St. Louis, Mo.
Phelan, Jos. E., machsts. & fndrs., 429 Kent av, B'klyn, N. Y.
Phelan, S. F., carriages, Stockton, Cal.
Phelan & Shirley, contractors, 306 S. 24th, Omaha, Nebr.
Phelps, Albert C., architect, Cornell University, Ithaca, N. Y.
Phelps & Bigelow Wind Mill Co., Kalamazoo, Mich.
Phelps Bros. Co., mill & facty. supps., Washington, D. C.
Phelps Bros. Co., steamfitters' supps., 101 Beekman, New York.
Phelps, C. R., architect, Gluck Bldg., Niagara Falls, N. Y.
Phelps Can Co., ft. of Lawrence, Baltimore, Md.
Phelps, Dodge, Corp., brass & copper ingots, 99 John, New York.
Phelps, Elmer E., brass castings, Syracuse, N. Y.
Phelps, Frank K., cornices & skylights, Ashland, Ky.
Phelps, Fred A., architect, 11 Clinton, Newark, N. J.
Phelps, Geo. S., & Co., fertilizer mfrs., Thompsonville, Conn.
Phelps Guardant Time Lock Co., 114 Liberty, New York.
Phelps, H., canned goods, North Bay, N. Y.
Phelps, H. D., machsts. & fndrs., Ansonia, Conn.
Phelps Heating Specialty Co., radiator valves 101 Beekman, New York.
Phelps, H. T., architect, Gunter Bldg., San Antonio, Tex.
Phelps, J. Wesson, landscape archt., 26 State, Hartford, Conn.
Phelps, Levi W., sash, door & blind mfr., Ayer, Mass.
Phelps, M. A., Lumber Co., Cusick, Wash.
Phelps Mfg. Co., acect. gas machines, 38 S. Dearborn, Chicago, Ill.
Phelps Mfg. Co., self flushing socket plugs, elec. sad irons, etc., 265 Jefferson av, Detroit, Mich.
Phelps Mfg. Co., wire wheels, Columbus, Ohio.
Phelps, N. D., Co., mill & facty. supplies, Barre, Vt.
Phelps & Sibley Co., lumber mfrs., Cuba, N. Y.
Phelps & Sons Mfg. Co., mail boxes, push buttons, 110 Pennington, Newark, N. J.
Phelps, Stowe, architect, 20 W. 43d, New York.
Phelps, Walter J., machsts., ft. of Lawrence, Baltimore, Md.
Phenix Iron Works, Winona, Minn.
Phenix Lace Mills, Phenix, R. I.
Phenix Mfg. Co., sash & screen hangers, Center & Humboldt av, Milwaukee, Wis.
Phenix Marble Co., 19th & Olive, Kansas City, Mo.
Phenix Plate Co., dry plates, Worcester, Mass.
Phenix Supply Co., mill & facty. supplies, Atlanta, Ga.
Phenix Tube Co., 182 N. 11th, Brooklyn, N. Y.
Pheoll Mfg. Co., brass nuts, screws, etc., 5700 W. 12th, Chicago, Ill.
Phetteplace Oil Co., lubrg., 334 S. Water, Providence, R. I.
Phianna Motors Co., Central av, Newark, N. J.
Phifer, W. B., Co., lumber mfrs., Gainesville, Fla.
Phila. Aniline & Extract Co., coal tar prod., Bourse Bldg., Philadelphia, Pa.
Phila. Art Metal Co., archl. iron, 323 Vine, Philadelphia, Pa.
Phila. Bag Co., 84 Tasker, Philadelphia, Pa.
Phila. Belting Co., 6th & Spring Garden, Philadelphia, Pa.
Phila. & Boston Face Brick Co., 155 Milk, Boston, Mass., & Milltown, N. J.
Phila. Brass Co., brass & copper rods, tubing, etc., East Downingtown, Pa.
Phila. Brick Co., 25th, c Passayunk av, Philadelphia, Pa.
Phila. Button Co., 21 N. 7th, Philadelphia, Pa.
Phila. Casualty Co., insurance, 419 Walnut, Philadelphia, Pa.
Phila. (The) Chaplet & Mfg. Co., School la & P. & R. Ry., Wiss, Philadelphia, Pa.
Phila. Clay Co., 1316 Commonwealth, Philadelphia, Pa.
Phila. Clay Material Co., fire brick, 4629 W. Girard av, Philadelphia, Pa.
Phila. Co., oil & gas wells, 435 6th av, Pittsburgh, Pa.
Phila. & Conshohocken Stone Quarry Co., Philadelphia, Pa.
Phila. Cons. Die Co., 327 Race, Philadelphia, Pa.
Phila. Contracting Co., reinf. concrete steel const., 5622 Germantown, Philadelphia, Pa.
Phila. Coppersmithing Co., 222 N. Front, Philadelphia, Pa.
Phila. Culvert Co., 16th & Washington av, Philadelphia, Pa.
Phila. Distributing Co., denatured alcohol, 1345 Frankford av, Philadelphia, Pa.
Phila. Drying Machinery Co., 3351 Stokley, Philadelphia, Pa.
Phila. Electric Co., 10th & Sansom, Philadelphia, Pa.
Phila. Elec. Constr. Co., lightning arresters, connections, etc., Heed Bldg., Philadelphia, Pa.
Phila. Elec'l & Mfg. Co., hangers & arc lamp insulators, 1236 N. 31st, Philadelphia, Pa.
Phila. Excelsior Co., excelsior, wood, wool packing, pads, tow moss fibre, etc., 716 N. 3rd, Philadelphia, Pa.

Phila. Expansion Bolt Co., concrete inserts, 124 North 6th, Philadelphia, Pa.
Phila. Felt Co., La. & Frankford cr, Philadelphia, Pa.
Phila. Fire Brick Wks., 2306 Vine, Philadelphia, Pa.
Phila. Game Co., toys, etc., 337 N. 3d, Philadelphia, Pa.
Phila. Gear Works, E. Vine, Philadelphia, Pa.
Phila. Grease Mfg. Co., 848 S. Swanson, Philadelphia, Pa.
Phila. Hdwe. & Mall. Iron Wks., registers, 9th & Jefferson, Philadelphia, Pa.
Phila. Lawn Mower Co., 31st & Chestnut, Philadelphia, Pa.
Phila. Leather Goods Co., traveling bags, 2d & Race, Phila., Pa.
Phila. Lighting Specialty Co., Philadelphia, Pa.
Phila. Lye & Chemical Co., 1811 Fitzwater, Philadelphia, Pa.
Phila. Mach. Screw Wks., machine screws, 624 Race, Phila., Pa.
Phila. Mach. Wks., marine steering gears, 67 Laurel, Phila., Pa.
Phila. Metal Products Co., Broad & Cherry, Philadelphia, Pa.
Phila. Metal Stamping Co., 2215 Chestnut, Philadelphia, Pa.
Phila. Meter Co., Real Estate Trust Bldg., Philadelphia, Pa.
Phila. Mineral Flooring Co., 5634 Summer, Philadelphia, Pa.
Phila. Novelty Mfg. Co., screw driver mfrs., 13th & Noble, Philadelphia, Pa.
Phila. Packing Box Co., 2624 American, Philadelphia, Pa.
Phila. Paper Mfg. Co., River Road, Philadelphia, Pa.
Phila. Pickling Co., canned goods, 262 S. 2d, Phila., Pa.
Phila. Pipe Bending Co., 4135 N. 5th, Philadelphia, Pa.
Phila. Quartz Co., 121 S. 3d, Philadelphia, Pa.
Phila. Quartz Co. of California, silicate of soda, 6th & Grayson, Berkeley, Cal.
Phila. & Reading Coal & Iron Co., machsts. & fndrs., Pottsville, Pa.
Phila. Roll & Machine Co., 25th & Washington av, Philadelphia, Pa.
Phila. Rubber Works, Land Title Bldg., Philadelphia, Pa.
Phila. Sash Weight Wks., fndrs., Glenwood av nr. 22d, Philadelphia, Pa.
Phila. Scoop Co., 134 N. 2d, Philadelphia, Pa.
Phila. Screen Mfg Co., 56th, bel. Woodland, Philadelphia, Pa.
Phila. Second Hand Pipe Supply Co., 1003 N. 7th, Phila., Pa.
Phila. Sheet Metal & Wood Wks., 108 Reed, Philadelphia, Pa.
Phila. Steam Heating Co., Juniper & Cherry, Philadelphia, Pa.
Phila. Steel & Forge Co., 50 Church, New York.
Phila. Steel & Iron Co., forgings, Commercial Trust Bldg., Philadelphia, Pa.
Phila. Storage Battery Co., Ontario & C, Philadelphia, Pa.
Phila. Stove & Iron Fdry. Co., 1631 N. 5th, Philadelphia, Pa.
Phila. Textile Machinery Co., Tabor, Philadelphia, Pa.
Phila. Thermometer Co., 9th & Arch, Philadelphia, Pa.
Phila. Toboggan Co., 130 E. Duval, Gtn., Philadelphia, Pa.
Phila. Tram-Rail Co., overhead trolleys, Front & Tusculum, Philadelphia, Pa.
Phila. Transportation & Lighterage Co., 119 Walnut, Phila., Pa.
Phila. Turntable Co., New Castle, Del.
Phila. Whiting Wks., 2609 E. York, Philadelphia, Pa.
Philbrick-Booth Fdry. Co., Hartford, Conn.
Philbrick Cutter Head Co., machsts., Seattle, Wash.
Philbrick, E. J., fertilizer mfr., Augusta, Me.
Philbrick, John A., & Bros., masons' & bldrs.' matls., ft. E. 97th, New York.
Philbrick, L. B., paint, Salem, Mass.
Philbrook, Jos., & Son, contractors, Lisbon Falls, Me.
Philbrook, Wm. H., granite, Rockport, Me.
Philip, Rossman, machst., Stockport, N. Y.
Philipp Bros., metals & ores, 29 B'way, New York.
Philipp-Kell Co., Inc., cornices & skylights, Baltimore, Md.
Philippine Vegetable Oil Co., 11 B'way, New York.
Philips, A. A., Jr., joist hangers, etc., 2219 Pitkin av, Brooklyn, N. Y.
Philips Hardware Co., mill & facty. supps., Columbus, Ga.
Philips Pressed Steel Pulley Wks., Chestnut Hill, Phila., Pa.
Philips, Townsend & Co., nails, N. 4th & Glenwood av, Philadelphia, Pa.
Phillipps, R. Stenner, architect, 15 W. 38th, New York.
Phillips, A. G., & Son, whol. hdwe., Morristown, N. J.
Phillips, Aaron, common brick, Bowling Green, Ky.
Phillips, Albert, architect, Pompton Plains, N. J.
Phillips, Alexander, architect, 160 5th av, New York.
Phillips & Bartlett, brick, Lead, S. D.
Phillips Bros., cornices & skylights, Allegan, Mich.
Phillips Buggy Works, Ironton, Ohio.
Phillips & Buttorff Mfg. Co., stoves, Nashville, Tenn.
Phillips, C. H., contr., Waupaca, Wis.
Phillips, C. R., Co., whol. lbr. mfrs., North Tonawanda, N. Y.
Phillips, Chas. S., mechanical engineer, Pacific Blk., San Francisco, Cal
Phillips, Chas., Tool Co., machsts. & fndrs., Mannington, W. Va.
Phillips & Clark Stove Co., machsts. & fndrs., Geneva, N. Y.
Phillips, D. E., contractor, Newport News, Va.
Phillips, David, Co., machsts. & fndrs., Bradford, Pa.
Phillips & Dickenson, flour mills, Wallace, Va.
Phillips & Douglass, canned goods, Preston, Md.
Phillips, Doup & Co., barrows, cars & trucks, etc., 60 Pearl, Brooklyn, N. Y.
Phillips, E. A., architect, Warren, Pa.
Phillips, E. B., architect, Poplar Bluff, Mo.
Phillips, E. K., brick, Willimansett, Mass.
Phillips, E., & Sons, nails, South Hanover, Mass.
Phillips, E. W., architect, New Iberia, La., & Lake Charles, La.
Phillips, Eugene B., architect, Lansing, Mich.
Phillips, Ezra L., architect, Gloucester, Mass.
Phillips, F. C., screw mach. products, Stoughton, Mass.
Phillips Flushing Tank Co., valves, 66 Batterymarch, Boston, Mass.
Phillips, F., & Son, contractors' tools mfrs., 1336 Greenmount av, Baltimore, Md.
Phillips, F. R., & Sons Co., steel importers, Penna. Bldg., Philadelphia, Pa.
Phillips, Frank, architect, 79 Morningside, Yonkers, N. Y.
Phillips, Fred., Sr., contractor, Albion, N. Y.
Phillips-Getschow Co., htg. contrs., 130 W. Kinzie, Chicago, Ill.
Phillips & Guest, turpentine, Sumner, Ga.
Phillips, H. W., submarine divers, Quincy, Mass.
Phillips, Harry W., contractor, Davenport, Ia.
Phillips Heating Vent. & Mfg. Co., Los Angeles, Cal.
Phillips, Henry A., architect, 120 Tremont, Boston, Mass.
Phillips & Hodgson, masons' & bldrs.' matls., Chelsea, Mass.
Phillips & Homer, architects, Madison, Wis.
Phillips, Isaac B., whol. horseshoers' supps., 225 E. 125th, New York.
Phillips, I. W., & Co., masons' & bldrs.' matls., Tampa, Fla.
Phillips Iron Wks., Los Angeles, Cal.
Phillips, J., & H., mill & facty. supplies, 627 Liberty av, Pittsburgh, Pa.
Phillips, J. H., Sons, canned goods, Berkeley Springs, W. Va.
Phillips, Jacobs, machst. & fndr., Westfield, Pa.
Phillips, Jno. H., architect, 604 Chartiers av, Pittsburgh, Pa.
Phillips & Johnson, broom corn, Mattoon, Ill.
Phillips-Laffitte Co., compounds, plates, etc., Penna Bldg., Philadelphia, Pa.
Phillips Lead & Supply Co., 91 S. Main, Providence, R. I.
Phillips Lime & Coal Co., Burlington, Ia.
Phillips Lbr. Co., Eugene & Tifton, Ga.
Phillips & McCreedy, machsts. & fndrs., Mt. Clemens, Mich.
Phillips & McLaren Co., grinding pans, crushers, shears & castings, 24th & Smallman, Pittsburgh, Pa.
Phillips Mfg. Co., guards—saw, Orlando, Fla.
Phillips Mine & Mill Supply Co., 2227 Jane, Pittsburgh, Pa.
Phillips, Morris T., cattle tool mfrs., Pomeroy, Pa.
Phillips, N. W., & Bro., machinists, Royston, Ga.
Phillips, Oliver P., incubators & brooders, Amo, Ind.
Phillips & Osborn, mattresses, 711 E. 47th, Chicago, Ill.
Phillips, P. S., contractor, Newark, Ohio.
Phillips Packing Co., Cambridge, Md.
Phillips & Pyke, contrs., North Adams, Mass.
Phillips, R. B., Mfg. Co., screw machine products, 3 Grand St. ct, Worchester, Mass.
Phillips, R. Stinner, architect, 223 W. 33rd, New York.
Phillips Ribbon & Carbon Co., 88 Manhattan, Rochester, N. Y.
Phillips, Richard, architects, Jacobson Bldg., Denver, Colo.
Phillips & Sanders, granite producers, Concord, N. H.
Phillips Sheet & Tin Plate Co., black, Weirton, W. Va.
Phillips & Slack, granite, Northfield, Vt.
Phillips & Sons, contractors, Ridgewood, N. J.
Phillips, Thos., Co., paper bags, Akron, Ohio.
Phillips, T. W., machinist, Butler, Pa.
Phillips, Victor L., contr., machy., 7th & Delaware, Kansas City, Mo.
Phillips, W. C., architect, 158 Pierce av, San Francisco, Cal.
Phillips, W. E., contractor, Braddock, Pa.
Phillips, W. R., Co., engineers & contrs., 188 Main, Bridgeport, Conn.
Phillips, Waller Co., canned goods, Salisbury, Md.
Phillips, Watson K., architect, 430 Walnut, Phila., Pa.
Phillips White Rock Lime Co., 125 Front, Newark, N. J.
Phillips & Wilcox, architects, Kresge Bldg., Detroit, Mich.
Phillips, Wm., & Co., laundry machy., Northville, Mich.
Phillips, Wm. H., lime mfrs., 125 Front, Newark, N. J.
Phillips, William R., construction engineer, 1188 Main, Bridgeport, Conn.
Phillips, Wm. S., architect, 103 Park av., New York.
Phillips Wire Co., insulated wire, Pawtucket, R. I.
Phillips & Worthington, contractors, 90 West, New York.
Phillips-Yarbrough Hardware Co., Montgomery & Opelika, Ala.
Phillipsdale Paper Mill Co., Phillipsdale, R. I.
Philpot & Co., flour mills, Hardyville, Ky.
Philpot & Lile, flour mills, Rocky Hill Station, Ky.
Philpot Lumber Co., Morrison, Tenn.
Philpot, S. M., & Son, masons & bldrs'. matls., Humboldt, Neb.
Philpott & Leuppie Co., machsts., Niagara Falls, N. Y.
Philpott Rubber Co., 1408 W. 3d, Cleveland, O.
Phinotas Chem. Co., disinfectants, 237 Front, New York.
Phipps Charcoal Co., Ironton, O.
Phipps Furnace Co., 90 Oneida, Milwaukee, Wis.
Phipps, Horace J., & Co., glass stainers, 65 Bedford, Boston, Mass.
Phipps, J. H., Lumber Co., Fayetteville, Ark.
Phipps, Sanford, architect, Hopkinton, Mass.
Phoenix Am. Pipe Wks., Boonville, Mo.
Phoenix Auto Supply Co., spark plugs, 3225 Locust, St. Louis, Mo.
Phoenix Boiler Wks. Co., Terre Haute, Ind.
Phoenix Bridge Co., 410 Walnut, Philadelphia, Pa.
Phoenix Brush & Mfg. Co., 160 N. Wells, Chicago, Ill.

Phoenix Carriage Co., 901 Evans, Cincinnati, O.
Phoenix Caster Co., bed & furniture casting machsts., Indianapolis, Ind.
Phoenix Chair Co., Sheboygan, Wis.
Phoenix Construction Co., 41 Park Row, New York.
Phoenix Cotton Oil Co., Memphis, Tenn.
Phoenix Die Casting Co., mchists., 21 Illinois, Buffalo, N. Y.
Phoenix Electric Co., alternating current motors, Mansfield, Ohio. *See adv. index at end of book.*
Phoenix Elec. Co., storage batteries, 133 W. Washington, Chicago, Ill.
Phoenix Fire Extinguisher Co., Grove, Norwich, Conn.
Phoenix Flour Mills, Evansville, Ind., & Phoenix, Ariz.
Phoenix Fdry. Co., 1455 S. Jefferson, Chicago, Ill., & Voorheesville, N. Y.
Phoenix Foundry & Machine Co., Ashtabula, O.
Phoenix Fdg. & Mfg. Co., St. Joseph, Mo.
Phoenix Furniture Co., Charleston, S. C., & Eau Claire, Wis.
Phoenix Gas & Improvement Co., Harrison Bldg., Phila., Pa.
Phoenix Glass Co., portables, 230 5th av, New York.
Phoenix Glass Co., 2d Nat'l Bk. Bldg., Pittsburgh, Pa.
Phoenix Hdwe. Co., Buffalo, N. Y.
Phoenix Hdwe. Mfg. Co., cork pressers, Homer, N. Y.
Phoenix Harry D., architect, Union Bldg., Syracuse, N. Y.
Phoenix Hermetic Co., bottle caps, 3720 14th av, B'klyn, N. Y.
Phoenix Horse Shoe Co., toe-calks, 209 S. La Salle, Chicago, Ill.
Phoenix Ice Machine Co., mchsts. & fdrs., 2711 Church av, Cleveland, O.
Phoenix Iron & Boiler Works, Sacramento, Cal.
Phoenix Iron Co., structural steel mfrs., 22 S. 15th, Philadelphia, Pa.
Phoenix Iron Wks., E. 3rd & Hawthorne, Portland, Ore.
Phoenix Iron Works Co., Meadville, Pa., & Oakland, Cal.
Phoenix Light Co., 525 Market, Milwaukee, Wis.
Phoenix Lock Wks., mchsts. & fndrs., 3d av, Newark, N. J.
Phoenix Mach. & Cold Storage Co., Phoenix, Ariz.
Phoenix Mfg. Co., furniture, Covington, Ky.
Phoenix Mfg. Co., machsts., Eau Claire, Wis., & Hartford, Conn.
Phoenix Meter Co., machsts., Camden, N. J.
Phoenix Mill Co., flour, Marietta, Ohio, and 705 Central av, Minneapolis, Minn.
Phoenix Milling Co., flour, Sacramento, Cal.
Phoenix Oil Co., belt dressing, compounds, soaps, 2554 W. 5th, Cleveland, O.
Phoenix Paint & Varnish Co., 124 Market, Philadelphia, Pa.
Phoenix Paper Co., Greenwich, N. Y.
Phoenix Planing Mill, sash, door & blind, Atlanta, Ga.
Phoenix Portland Cement Co., Nazareth, Pa.
Phoenix Pottery Co., Bordentown, N. J.
Phoenix Refining Co., petroleum & its products, Tulsa, Okla.
Phoenix Refining & Mfg. Co., petroleum, Bakersfield, Cal.
Phoenix Sand & Gravel Co., 21 E. 40th, New York.
Phoenix Sidewalk Light Co., Monadnock Bldg., San Francisco, Cal.
Phoenix Slate Co., Wind Gap, Pa.
Phoenix Sliding Blind Co., Phoenix, N. Y.
Phoenix Soapstone Co.,.71 Murray, New York.
Phoenix Spec. Mfg. Co., metallic gaskets, 48 Duane, New York.
Phoenix Toilet & Paper Mfg. Co., Phoenix, N. Y.
Phoenix Trimming Co., fringes, 2008 N. Racine av, Chicago, Ill.
Phoenix Wire Wks., Detroit, Mich.
Phosphate Mining Co., 55 John, New York.
Phospho Food Co., Los Angeles, Cal.
Phosphor Bronze Smelting Co., 2200 Washington av, Phila., Pa.
Photo Products Co., paper, 6100 S. La Salle, Chicago, Ill.
Photoplating Co., signs, glass, Minneapolis, Minn.
P. & H. Supply Co., plumbers' supplies, Fort Wayne, Ind.
Phyfe, Lloyd I., architect, University av & Wash Bridge, New York.
Pia, Peter F., Britannia ware mfrs., 129 White, New York.
Pianista Piano Co., 614 W. 51st, New York.
Piano & Organ Supply Co., actions, 2132 N. Racine av, Chicago, Ill.
Picard, A. J., & Co., automobile starters, 9 W. 161st, New York.
Picard-Law Co., chemists, Atlanta, Ga.
Picher Lead Co., battery chemicals, 208 S. La Salle, Chicago, Ill.
Picher Lead Co., Joplin, Mo.
Pick, Albert, & Co., cooking apparatus, hotel equipment, etc., 212 W. Randolph, Chicago, Ill.
Pick, Richard, Mfg. Co., chair seats & lamp filaments, 224 N. Wells, Chicago, Ill.
Pickands, Brown & Co., pig iron, 332 S. Michigan av, Chicago, Ill.
Pickard, H. A., architect, Ipswich, Mass.
Pickarts Vinegar & Pickle Co., canned, Leavenworth, Kans.
Pickel, Benj., stone, Warrensburg, Mo.
Pickel Marble & Granite Co., 1901 N. B'way, St. Louis, Mo.
Pickel Stone Co., 1320 S. Vandeventer av, St. Louis, Mo.
Pickell, F. Gordon, architect, Kresge Bldg., Detroit, Mich.
Pickens' Auto Cloth Co., artifical lthr., 1777 B'way, New York.
Pickens Mills, cotton sheetings, Pickens, S. C.
Pickens Oil & Fertilizer Co., meal, Pickens, S. C.
Pickerell, O. L., contractor, Trafalgar, Ind.
Pickering, Arthur D., architect, 103 Park av, New York.
Pickering, Geo., & Co., aniline colors, Elmira, N. Y.
Pickering Governor Co., roller bearings & steam engine governors, Portland, Conn.
Pickering Hardware Co., 5th, c. Main, Cincinnati, Ohio.
Pickering Mfg. Co., brush machy., 228 S. 4th, Philadelphia, Pa.
Pickering, Ridgway S., hinges, nails, staples, tacks, etc., Sharon Hill, Pa.
Pickering, W. H., & Co., machsts., Hartford, Conn.
Pickering, W. R., Lumber Co., Long Bldg., Kansas City, Mo.
Pickering, Wm. H., masons' & bldrs.' matls., Spencerville, O.
Pickert, John, contractor, Batavia, N. Y.
Pickert, L., Fish Co., canned, 16 New, Boston, Mass.
Pickett Hardware Co., Warren, Pa.
Pickett, Wm., & Co., contractors, Washington, Pa.
Pickin, Ephraim M., architect, Hunsicker Bldg., Allentown, Pa.
Picking, D., & Co., mill & facty. supplies, Bucyrus, O.
Pickins Roofing & Sheet Metal Co., Spartanburg, S. C.
Pickthall Supply Co., mill & facty. supplies, 321 Fremont, San Francisco, Cal.
Pictorial Post Card Co., Rochester, N. Y.
Pidgeon, Thos., Iron Co., Memphis, Tenn.
Piedmont Cotton Mills, Egan, Ga.
Piedmont Fertilizer Co., Opelika, Ala.
Piedmont Fdry. & Mach. Co., Piedmont, W. Va.
Piedmont Fdry. & Machine Wks., Hickory, N. C.
Piedmont Hardware Co., Danville, Va.
Piedmont Mfg. Co., sheetings, Piedmont, S. C.
Piedmont Mills, flour, Lynchburg, Va.
Piedmont Mt. Airy Guano Co., fertilizer mfrs., Keyser Bldg., Baltimore, Md.
Piedmont Wagon & Mfg. Co., Hickory, N. C.
Piel Bros. Starch Co., Indianapolis, Ind.
Piel Construction Co., 2519 Edmondson av, Baltimore, Md.
Piel, G., Co., auto. horns, 29 13th, Long Island City, N. Y.
Pielage, Hy., & Co., stone, 1032 Flint, Cincinnati, O.
Pierce, A. White, architect, 26 Court, B'klyn, N. Y.
Pierce-Arrow Motor Car Co., 1695 Elmwood av, Buffalo, N. Y.
Pierce, A. S., lumber, Rhinelander, Wis.
Pierce & Bickford, architects, 120 Lake, Elmira, N. Y.
Pierce Bros., paper & pulp mills, St. Johnsbury Center, Vt.
Pierce-Budd Co., machsts., Bay City, Mich.
Pierce, Butler & Pierce Mfg. Corp., steam & hot water heater mfrs., 437 E. 162nd, New York.
Pierce, C. Berlin, contractor, Youngstown, O.
Pierce City Lime Co., Pierce City, Mo.
Pierce Co., silo, hdwe., Waldheim Bldg., Kansas City, Mo.
Pierce, C. S., Co., boot counters, Brockton, Mass.
Pierce, C. S., Lumber Co., Fresno, Cal.
Pierce, Chas. W., ship knees, Milo, Me.
Pierce Chemical Co., soap, 910 W. Lake, Chicago, Ill.
Pierce City Packing Co., Pierce City, Mo.
Pierce & Cox, heating contrs., 143 Kingston, Boston, Mass.
Pierce Cycle Co., 18 Hanover, Buffalo, N. Y.
Pierce, F. B., Co., spinning wheels, brush handles, Keene, N. H.
Pierce, F. M., & Co., glass, Clayton, N. J.
Pierce, F. O., Co., paints, 10 E. 43rd, New York.
Pierce, F. W., contractor, Lorain, O.
Pierce-Fordyce Oil Ass'n, Texas City, Tex.
Pierce, Frederick L., contractor, 74 Weybosset, Providence, R. I.
Pierce, Geo. F., fertilizer mfr., Milford, Del.
Pierce Governor Co., machsts., Anderson, Ind.
Pierce, H. Frank, contractor, Belmar, N. J.
Pierce Hardware Co., Taunton, Mass.
Pierce, Harry L., architect, Columbia, Mo.
Pierce, Jno. A., mchsts. & fdrs., Xenia, Ill.
Pierce, John H., contractor, Norfolk, Va.
Pierce, L. B., brick, Winfield, Ia.
Pierce Mfg. Co., contractors, 785 Housatonic av, Bridgeport, Ct.
Pierce, O. W., Co., cornices, Olean, N. Y.
Pierce Oil Corp., Bank of Com. Bldg., St. Louis, Mo.
Pierce Packer Co., oil well packers, Franklin, Pa.
Pierce Phosphate Co., rock, Pierce, Fla.
Pierce, R. A., architect, Century Bldg., Denver, Colo.
Pierce, R. G., architect, 10 S. La Salle, Chicago, Ill.
Pierce, R. L., architect, Central Bldg., San Antonio, Tex.
Pierce, S. K., & Son, revolving chairs, Gardner, Mass.
Pierce Sam'l Organ Pipe Co., Reading, Mass.
Pierce & Stevens, alcohol, Buffalo, N. Y.
Pierce, Thos. W., Hardware Co., Middleboro, Mass.
Pierce, Walter S., Co., pianos, 691 14th, San Francisco, Cal.
Pierce, Wm. B., Co., boiler tube cleaners, Buffalo, N. Y.
Pierce, Wm. L., contrs., Danville, Ill.
Pierce & Winn Co., masons' & bldrs.' matls., Arlington, Mass.
PIERCE WRAPPING MACHINE CO., 631 W. Jackson blvd, Chicago, Ill. *See adv. index at end of book.*
Piermont Paper Co., Piermont, N. Y.
Pierpont, Francis, architect, 321 W. 3d, Los Angeles, Cal.
Pierpoint, Jas., & Sons Co., pig iron & coke dlrs., Morris bl, Philadelphia, Pa.
Pierpont, John A., htg. contrs., 310 12th, N. W., Washington, D. C.
Pierpont Mfg. Co., wooden pails, buckets, Savannah, Ga.
Pierron Pottery Co., 31 Johnson, Milwaukee, Wis.
Piers, Eber F., architect, Ogden, Utah.
Pierson, A. B., & F. G., architects, Wash. Ln. & Tr. Bldg., Washington, D. C.
Pierson, Arthur S., architect, Morristown, N. J.
Pierson & Bro., contractors, Terre Haute, Ind.

Pierson, Chiron C., contractor, Mers. Bk. Bldg., Indianapolis, Ind.
Pierson & Co., structural steel dealers, 29 B'way, New York.
Pierson, E. R., contrs., Terre Haute, Ind.
Pierson, Fred. L., architect, Bloomfield, N. J.
Pierson, Henry, & Sons, contractors, 1000 Olive, Baltimore, Md.
Pierson & Hough Co., horse collars, 158 Congress W., Detroit, Mich.
Pierson, J. K. C., architect, Jacksonville, Ill.
Pierson, J. N., & Son, architects, Perth Amboy, N. J.
Pierson, Jas. W., Co., masons' & bldrs.' matls., East Orange, N. J.
Pierson Lbr. & Coal Co., Copper & Cherry, Northside, Cincinnati, Ohio.
Pierson Telegraph Transmitter Co., Topeka, Kans.
Pierson U. Bar Co., green house bldrs., etc., 1 Madison av, New York.
Pierson Wilcox Elec. Co., 223 S. 6th, Minneapaolis, Minn.
Pietsch, Ferdinand, steel structural wk., 617 Cedar, Milwaukee, Wis.
Pietsch, Theodore W., architect, American Bldg., Baltimore, Md.
Pietz, Adam, die sinkers, 1011 Chestnut, Philadelphia, Pa.
Pietzman, J., & Son, scrap iron & steel, Kansas City, Mo.
Pifers, G. W., Sons, sash, door & blind, Dubois, Pa.
Pigeon Fraser Hollow Spar Co., E. Boston, Mass.
Pigeon River Lbr. Co., Grand Rapids, Wis.
Pigg, A. C., architect, Chronicle Bldg., Houston, Tex.
Piggins Motor Truck Co., machsts., Racine, Wis.
Piggins, Wm. S., & Sons, crushed stone, Detroit, Mich.
Pignolet, Louis M., elec'l. insts., 78 Cortlandt, New York.
Pigot, Sayre Co., oils & greases, 71 Front, New York.
Pigott, Jas. S., architect, 9 Clinton, Newark, N. J.
Pigott, Thos. E., steel, 632 Frankford av, Cleveland, O.
Pihl & Miller, dock bldrs., Wabash Bldg., Pittsburgh, Pa.
Pike, A. W., & Co., whol. hdwe., 711 Mission, San Francisco, Cal.
Pike Bros. Lumber Co., La Grange, Ga.
Pike & Cook, contractors, 416 S. 5th, Minneapolis, Minn.
Pike, D. Herbert, contr., Pittsfield, Mass.
Pike Dial Lbr. Co,. 2201 Loomis, Chicago, Ill.
Pike, E. N., & Son, belt dressing, 93 Broad, Boston, Mass.
Pike, F. H., machsts. & fndrs., Randolph, N. Y.
Pike-Gillette Corp., sweeping compounds, Syracuse, N. Y.
Pike, H. S., contractor, 28 Townsend, Worcester, Mass.
Pike & Heald Co., steamfitters' supplies, Manchester, N. H.
Pike, John B., contractor, Rochester, N. Y.
Pike, John E., sweaters, cardigans, etc., Mascher bl, York, Pa.
Pike Mfg. Co., emery & corundum wheel mfrs., Pike, N. H.
Pike River Granite Co., Marinette, Wis.
Pike Rubber Co., Akron, Ohio.
Pike Stained Glass Studios, leaded windows, 191 East av. Rochester, N. Y.
Pike, W. N., & Sons, contractors, Lawrence, Mass.
Pike & Whipple Co., carriages, Peabody, Mass.
Pilat, Carl F., landscape architect, 52 B'way, New York.
Pilcher, Lewis F., architect, Woolworth Bldg., New York.
Pilcher & Tachau, architects, 109 Lexington av, New York.
Pilcher's, Hy., Sons, organs, pianos, Louisville, Ky.
Pile, J. W., carriages, Marietta, Ind.
Pilgrim Iron Wks., Los Angeles, Cal.
Pillar Bay Packing Co., Seattle, Wash.
Pillar, S. L., architect, Riverside, Cal.
Pilley Flue Brush Co., wire brushes of all kinds, 604 South 3d, St. Louis, Mo.
Pilling & Crane, Real Estate Trust Bldg., Philadelphia, Pa.
Pilling, Geo. P., & Son Co., milking tubes, 23d & Arch, Philadelphia, Pa.
Pillinger, W. A., Co., contractors, 11 S. La Salle, Chicago, Ill.
Pilliod Co., machinist, Swanton, Ohio.
Pilliod Co., valve gears, 30 Church, New York.
Pilliod Lumber Co., Swanton, Ohio.
Pillsburg, Arthur L., architect, Bloomington, Ill.
Pillsbury Flour Mills Co., 3rd fl. Met. Life Bldg., Minneapolis, Minn.
Pillsbury Mfg. Co., collapsible buckets, 322 Hennepin av, Minneapolis, Minn.
Piloid Milling Co., wheat flour, Swanton, Ohio.
Pilot Motor Car Co., Richmond, Ind.
Pilot Point Cotton Oil Mill Co., meal, Pilot Point, Tex.
Pilot Point Roller Mill Co., flour, Pilot Point, Tex.
Pilsen Fndry. & Iron Wks., 1530 W. 22d, Chicago, Ill.
Pilsen Lbr. Co., 2201 Laflin, Chicago, Ill.
Pilsen Sash & Door Co., 2926 W. 26th, Chicago, Ill.
Pimbley Paint & Glass Co., St. Joseph, Mo.
Pinal Dome Refining Co., petroleum, Santa Maria, Cal.
Pinches, John, & Sons, interior hardwood wk. mfrs., New Britain, Conn.
Pinckneyville Milling Co., flour, Pinckneyville, Ill.
Pine Bluff Brick Co., Pine Bluff, Ark.
Pine Bluff Iron Wks., machsts. & fndrs., Pine Bluff, Ark.
Pine & Co., mill & facty. supplies, 745 3d av (Lansingburgh), Troy, N. Y.
Pine-Fir Co., lumber, Spokane, Wash.
Pine Grove Vitrified Brick Co., 20th & Sedgley, Philadelphia, Pa.
Pine-Ihrig Mach. Co., Oshkosh, Wis.
Pine Level Oil Mills, Pine Level, N. C.
Pine Lbr. Co., Newbern, N. C.
Pine Mountain Granite Co., Atlanta, Ga.
Pine Tree Mfg. Co., Little Falls, Minn.
Pinehurst Fertilizer Co., Pinehurst, Ga.
Pineora Mfg. Co., lumber, Pineora, Ga.
Piner, John, brick, Stuart, Iowa.
Pines Rubber Co., mackintoshes, Bush Terminal, Brooklyn, N. Y.
Pingree, A. W., lbr., Auburn, N. H.
Pingree, D. W., Co., lbr., etc., Lawrence, Mass.
Pingree, Sam'l R. B., lbr. mfrs., Lewiston, Me.
Pingrey, Roy E., architect, 209 S. La Salle, Chicago, Ill.
Pinkerton Boiler Wks., steel tanks, Watervliet, N. Y.
Pinkerton Mfg. Co., jaw chucks, Philadelphia, Pa.
Pinkerton, Robt., Boiler Wks., Green Island, N. Y.
Pinkham, Everard, architect, Medham, Mass.
Pinkham, J. E., Lbr. Co., cedar shingles, Seattle, Wash.
Pinkham & Smith Co., lenses, 288 Boylston, Boston, Mass.
Pinkosowitz, Abr., trunk mfr., 113 2d, New York.
Pinnell, J. W., fndrs., Scranton, Pa.
Pinnell, J. W., & Co., lbr. mfrs., 230 E. Ohio, Indianapolis, Ind.
Pinnell & Tompkins Lumber Co., Rushville, Ind.
Pinneo & Daniels Co., carriage hubs, spokes & wheels, Dayton, Ohio.
Pinner, R. A., mach'y, 122 Water, New York.
Pinney, Casse & Lackey Co., window shade mfrs., Fairmount, Jersey City, N. J.
Pinney, E. J., contractor, Springfield, Mass.
Pinson, J. L., brick, Greenwood, S. C.
Pinyoun, F. C., & Son, portable fireproof garages, 2526 Carnegie av, Cleveland, Ohio.
Pioneer Asphalt Co., waterproofing materials, Lawrenceville, Ill.
Pioneer Asphaltum & Artificial Stone Pavement Co., 634 Clay, San Francisco, Cal.
Pioneer Boat & Pattern Co., Bay City, Mich.
Pioneer Boiler & Mach. Wks., Los Angeles, Cal.
Pioneer Brass Fdry. Co., Oakland, Cal.
Pioneer Brass Wks., machsts. & fndrs., Indianapolis, Ind.
Pioneer Brick Co., Spokane, Wash.
Pioneer Broom Co., Amsterdam, N. Y.
Pioneer Canning Co., St. Henry, Ohio.
Pioneer Canning & Pickling Co., St. Nazianz, Wis.
Pioneer Carriage Co., Seattle, Wash.
Pioneer Construction Co., 180 Jessie, San Francisco, Cal.
Pioneer Contr. Co., New Rochelle, N. Y.
Pioneer Cooperage Co., 2212 De Kalb, St. Louis, Mo.
Pioneer Corp., clocks, house numbers & switch plates, 1249 W. 65th, Chicago, Ill.
Pioneer Cotton Mills, twine, rope, wicks, Guthrie, Okla.
Pioneer Cut Glass Co., Carbondale, Pa.
Pioneer Fdry. Co., Ltd., Jackson, Mich.
Pioneer Flouring Mill Co., Island City, Ore.
Pioneer Granite Co., St. Cloud, Minn.
Pioneer Guano Co., Albany, Ga.
Pioneer Implement Co., Council Bluffs, Ia.
Pioneer Iron Co., blast furnaces, Cleveland, Ohio.
Pioneer Iron & Wire Wks. Co., Denver, Colo.
Pioneer Iron Wks., machsts. & fndrs., 149 Pioneer, B'klyn, N. Y.
Pioneer Knitting Co., sweaters, cardigans, etc., 19 S. 4th, Philadelphia, Pa
Pioneer Lumber Co., Seattle, Wash.
Pioneer Mach. & Engraving Co., Merwin av, Cleveland, Ohio.
Pioneer Mach. Wks., steam engine & rd. rollers, 75 Delavan, Brooklyn, N. Y.
Pioneer Mfg. Co., soaps, sweeping compounds, etc., Harvard av & E. 103rd, Cleveland, Ohio.
Pioneer Mfg. Co., galvanized steel tanks, Middlebury, Ind.
Pioneer Marble & Granite Wks., stone producers, El Paso, Tex.
Pioneer Mercantile Co., masons' & bldrs.' matls., Bakersfield, Cal.
Pioneer Metal & Glass Sign Co., 423 Hayes, San Francisco, Cal.
Pioneer Paint Co., glass, Portland, Ore.
Pioneer Paper Co., Ballston Spa, N. Y., & Los Angeles, Cal.
Pioneer Pearl Button Co., Poughkeepsie, N. Y.
Pioneer Plaster Co., Seattle, Wash.
Pioneer Plate & Window Glass Co., 1070 Mission, San Francisco, Cal.
Pioneer Pole & Shaft Co., Piqua, Ohio.
Pioneer Rubber Specialty Co., balloons, etc., Akron, Ohio.
Pioneer Sand & Gravel Co., Seattle, Wash.
Pioneer Shoe & Rubber Co., 27 No. 3d, Minneapolis, Minn.
Pioneer Soap Co., 15th & Vermont, San Francisco, Cal.
Pioneer Stove & Stamping Co., Tacoma, Wash.
Pioneer Tar Soap Co., Dayton, Ohio.
Pioneer Tractor Mfg. Co., engines, Winona, Minn.
Piotti, Ambrogio, contractor, 98 Melvilleon, Boston, Mass.
Pipe Coiling, Bending & Welding Co., 33d & A. V. R. R., Pittsburgh, Pa.
Pipe & Contractors' Supply Co., second-hand mach'y, 3 Dover, New York.
Pipe Machy. Co., Cleveland, Ohio.
Pipe Railing Construction Co., 79 6th, Long Island City, N. Y.
Piper, B. H., Co., bats, hammer handles, hockey & polo sticks, etc., Manchester, N. H.
Piper & Clark, starch mfrs., Sherman Mills, Me.
Piper, Edgar R., architect, 1420 Massachusetts av. Washington, D. C.
Piper, F. Stanley, architect, Bellingham, Wash.
Piper, Geo. M., hdwe. mfrs., Winchendon, Mass.
Piper, J. A., Roofing Co., slasher hoods, etc., Greenville, S. C.

Pipes, W. H., architect, Henry Bldg., Portland, Ore.
Pipkorn, W. H., Co., masons' & bldrs.' matls., Milwaukee, Wis.
Pipp, Herman W., architect, Ann Arbor, Mich.
Pippin, Walter T., contractor, Chestertown, Md.
Pippy & Weld, bldg. contrs., Portland, Ore.
Piqua Bracket Co., Piqua, Ohio.
Piqua Cap Co., Piqua, Ohio.
Piqua Flour Co., Piqua, Ohio.
Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, Ohio.
Piqua Milling Co., flour, Piqua, Ohio.
Piqua Paper Box Co., scrap iron, Piqua, Ohio.
Piquet Box & Lbr. Co., pckg. box mfrs., Syracuse, N. Y.
Pirie, Jas. K., granite, Graniteville, Vt.
Pirner, Anton, architect, 2069 Westchester av, New York.
Pirring Mfg. Co., corn brooms & floor brushes, 4436 Greenview av, Chicago, Ill.
Pirrone, Frank, architect, Garfield, N. J.
Pirsch, Peter, & Co., metal auto. bodies, fire engines, hose, etc., Kenosha, Wis.
Pisanelli, Gennaro, contractor, 3553 Olinville av, New York.
Pisani Bros., marble & mosaic cube imptrs., 815 Vernon av, Astoria, Long Island City, N. Y.
Pisciotta, Lucian, architect, 391 E. 149th, New York.
Piston Ring Co., Muskegon, Mich.
Pitard, R. D., Hdwe. Co., whol. hdwe., 222 Dauphine, New Orleans, La.
Pitard's, G., Sons, whol. hdwe., 1031 Canal, New Orleans, La.
Pitcairn Varnish Co., varnish mfrs., 213 Lake, Milwaukee, Wis.
Pitcher, Geo. E., architect, Norwich, Conn.
Pitegoff Bros., brushes, 13 Crosby, New York.
Pitkin, F. H., contractor, 30 N. Michigan av, Chicago, Ill.
Pitkin, Lucius, chemist, 47 Fulton, New York.
Pitkin, Wm., Jr., architect, Cutler Bldg., Rochester, N. Y.
Pitless Auto Turntable Co., Kansas City, Mo.
Pitman & Brown Co., contrs., Salem, Mass.
Pitman, Ernest W., Co., contractors, Lawrence, Mass.
Pitman, John, contractor, Niagara Falls, N. Y.
Pitner Gasoline Lighting Co., lamps, 8 E. Kinzie, Chicago, Ill.
Pitometer Co., water waste detectors, 25 Elm, New York.
Pitt Car Gate Co., 221 W. 26th, New York.
Pitt Constr. Co., Fulton Bldg., Pittsburgh, Pa.
Pitt Engng. Co., elevators, 120 W. Kinzie, Chicago, Ill.
Pitt, W. C., flour, Lovelocks, Nev.
Pitt, Wm. R., Composite Iron Works, iron works, 221 W. 26th, New York. *See adv index at end of book*
Pittard, John T., fertilizer mfrs., Winterville, Ga.
Pittenger, Edw. S., contractor, Easton, Pa.
Pittet, Felix G., contractor, Paterson, N. J.
Pittman, Chas. H., brick, Brown Mills, N. J.
Pittman Construction Co., Atlanta, Ga.
Pittman, D. D., architect, Settegast Bldg., Houston, Tex.
Pittman, Henry C., architect, 52 William, New York.
Pitts, A. L., Slate Co., Arvonia, Va.
Pitts Co., contractors, 58 E. Park av, Newark, N. J.
Pitts Fertilizer & Oil Co., cottonseed meal, Pitts, Ga.
Pitts, Henry S., architect, Turk's Head Bldg., Providence, R. I.
Pitts, I. H., & Son Co., fertilizer, Waverly Hall, Ga.
Pittsburg Cotton Oil Co., meal, Pittsburg, Tex.
Pittsburg Fdry. Co., Los Angeles, Cal.
Pittsburg Fdry. & Mach. Co., Pittsburg, Tex.
Pittsburg Paving Brick Co., Kansas City, Mo.
Pittsburg Zinc Co., Pittsburg, Kans.
Pittsburgh Air Tight Door Sill Co., weather strips, Liberty & Short, Pittsburgh, Pa.
Pittsburgh Annealing Box Co., 829 Beaver, Pittsburgh, Pa.
Pittsburgh Armature Wks., 207 S. Main, Pittsburgh, Pa.
Pittsburgh Bldg. Co., 787 5th av., New York.
Pittsburgh Block & Mfg. Co., pulley blocks, 818 South av, Pittsburgh, Pa.
Pittsburgh Brake Shoe Co., Farmers' Bank Bldg., Pittsburgh, Pa.
Pittsburgh Brass Mfg. Co., copper castings, Pittsburgh, Pa.
Pittsburgh Bridge & Iron Wks., steel struct. wk., Farmers' Bk. Bldg., Pittsburgh, & Rochester, Pa.
Pittsburgh Brush Co., 324 Liberty av, Pittsburgh, Pa.
Pittsburgh Can Co., steel kegs, 61 Bridge, Pittsburgh, Pa.
Pittsburgh Carbon Brush Co., 512 E. Diamond, Pittsburgh, Pa.
Pittsburgh Clay Pot Co., glass house spplies, 1261 Reedsdale, Pittsburgh, Pa.
Pittsburgh Clay Products Co., brick, Keenan Bldg., Pittsburgh, Pa.
Pittsburgh Coal Co. of Wis., Garfield av, Duluth, Minn.
Pittsburgh Coal of Penn., coke mfrs., Oliver Bldg., Pittsburgh, Pa.
Pittsburgh Coal Washer Co., mach'y, Fulton Bldg., Pittsburgh, Pa.
Pittsburgh Cold Rolled Steel Co., 39th & P. R. R., Pittsburgh, Pa.
Pittsburgh Construction Co., Diamond Bank Bldg., Pittsburgh, Pa.
Pittsburgh Conveying Machinery Co., wagon loaders, 4th & Duquesne wy, Pittsburgh, Pa.
Pittsburgh Crucible Steel Co., car axles, springs, etc, Midland, Pa.
Pittsburgh Crushed Cteel Co., 61st & A. V. R. R., Pittsburgh, Pa.
Pittsburgh-Des Moines Steel Co., steel tanks & towers, 4th & Ross, Pittsburgh, Pa. *See adv index at end of book.*
Pittsburgh Elec. Furnace Co., Vanadium Bldg., Pittsburgh, Pa.
Pittsburgh Electric Specialties Co., cooking app. & projectors, Ross & 1st av, Pittsburgh, Pa.
Pittsburgh Electrical & Mach. Wks., machsts. & fndrs., Barker pl, Pittsburgh, Pa.
Pittsburgh Electro Galvanizing Co., 2624 Smallman, Pittsburgh, Pa.
Pittsburgh Emery Wheel Co., Rochester, Pa.
Pittsburgh Equipment Co., car wheel centers, House Bldg., Pittsburgh, Pa.
Pittsburgh Filter Mfg. Co., Farmers' Bank Bldg., Pittsburgh, Pa.
Pittsburgh Forge & Iron Co., car & locomotive axles, Chamber of Commerce Bldg., Pittsburgh, Pa.
Pittsburgh Foundry & Machine Co., ft. 36th, Pittsburgh, Pa.
Pittsburgh Gage & Supply Co., gages, rasp & file, etc., 30th & Liberty av, Pittsburgh, Pa.
Pittsburgh Gallery Brick Co., Wabash Bldg., Pittsburgh, Pa.
Pittsburgh Gas & Elec. Fixture Co., 428 Penn., Pittsburgh, Pa.
Pittsburg Gear & Machine Co., 27th & Smallman, Pittsburgh, Pa.
Pittsburgh Grinding Wheel Co., Rochester, Pa.
Pittsburgh Hardwood Floor Co., sash, door & blind, Park Bldg., Pittsburgh, Pa.
Pittsburgh Harness Supply Co., 325 Penn av, Pittsburgh, Pa.
Pittsburgh Heating Co., 8 Wood, Pittsburgh, Pa.
Pittsburgh-Hickson Co., machsts. & fndrs., Butler, Pa.
Pittsburgh High Voltage Insulator Co., Derry, Pa.
Pittsburgh Instrument & Mach. Co., hardness testing mach., 101 Walter, 236 3d, Pittsburgh, Pa.
Pittsburgh Insulating Co., insulating cloth, 96 43d, Pittsburgh, Pa.
Pittsburgh Iron Paint Co., mortar color mfrs., N. S. Pittsburgh, Pa.
Pittsburgh Iron & Steel Foundries Co., Midland, Pa.
Pittsburgh Iron Works, machsts. & fndrs., 2170 Bedford av, Pittsburgh, Pa.
Pittsburgh Knife & Forge Co., 709 Belmont, N. S., Pittsburgh, Pa.
Pittsburgh Lamp, Brass & Glass Co., machsts. & fndrs., Locust & River, Pittsburgh, Pa.
Pittsburgh Limestone Co., New Castle, Pa.
Pittsburgh Mach. Co., New Brighton, Pa.
Pittsburgh Machine Tool Co., Braddock, Pa.
Pittsburgh Machy. Exchange, dlrs., Pittsburgh, Pa.
Pittsburgh Mach. Tool Co., screw cutting lathes, Corry, Pittsburgh, Pa.
Pittsburgh Malleable Iron Co., 34th & Smallman, Pittsburgh, Pa.
Pittsburgh Metal Bed Co., 1136 Brown, Pittsburgh, Pa.
Pittsburgh Metal Brazing Co., elec. welding, 2939 Smallman, Pittsburgh, Pa.
Pittsburgh Metal Spinning & Stamping Co., shade holders, 400 Duquesne way, Pittsburgh, Pa.
Pittsburgh Meter Co., gas & water meters, East Pittsburgh, Pa.
Pittsburgh Model Engine Co., Lexington & P. R. R., Pittsburgh, Pa.
Pittsburgh Nipple & Mfg. Co., 1st & Carson, Pittsburgh, Pa.
Pittsburgh Oil Refining Co., oils, Pittsburgh, Pa.
Pittsburgh Ornamental Iron Co., S. 20th & Wharton, Pittsburgh, Pa.
Pittsburgh Paint Supply Co., 617 Liberty, Pittsburgh, Pa.
Pittsburgh Paper Box Co., Vanadium Bldg., Pittsburgh, Pa.
Pittsburgh & Phila. Oil & Refining Co., Camden, N. J.
Pittsburgh Piping & Equipment Co., 35th & Charlotte, Pittsburgh, Pa.
Pittsburgh Plate Glass Co., Frick Bldg., Pittsburgh, Pa., & 53 Larned E., Detroit, Mich.
Pittsburgh Pneumatic Co., pneumatic tools, 900 Lawrence rd, Canton, Ohio.
Pittsburgh Provision & Packing Co., Herrs Island, Pittsburgh, Pa.
Pittsburgh Pump Co., force pumps, 20 Fancourt, Pittsburgh, Pa.
Pittsburgh Reflector & Illuminating Co., Pittsburgh, Pa.
Pittsburgh Reinforced Brazing & Mach. Co., 2515 Liberty, Pittsburgh, Pa.
Pittsburgh Reinforcing Pole Co., 436 6th av, Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction R. R., Pittsburgh, Pa.
Pittsburgh Safe Co., Connellsville, Pa.
Pittsburgh Saw Co., 216 2d av, Pittsburgh, Pa.
Pittsburgh Scrap Iron Co., second hand pipe, S. 20th & Wharton, Pittsburgh, Pa.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Pittsburgh Seamless Tube Co., Beaver Falls, Pa.
Pittsburgh Shafting Co. of Detroit, steel, tubing, Detroit, Mich.
Pittsburgh Sheet Metal Co., cornices & skylights, S. 20th & Wharton, Pittsburgh, Pa.
Pittsburgh Shovel Co., also spades, scoops, etc., Oliver Bldg., Pittsburgh, Pa.
Pittsburgh Smelting & Refining Co., Elizabeth & B. & O. R. R., Pittsburgh, Pa.
Pittsburgh Spring & Steel Co., Farmers' Bank Bldg., Pittsburgh, Pa.
Pittsburgh Stained Glass Wks., 6709 Hamilton av, Pittsburgh, Pa.
Pittsburgh Steel Co., iron rolling mills, steel to wire products, etc., 5th av & Grant, Pittsburgh, Pa.

Pittsburgh Steel Foundry, steel castings, House Bldg., Pittsburgh, Pa.
Pittsburgh Steel Products Co., iron & steel rolling Mills, Frick Bldg., Pittsburgh, Pa.
Pittsburgh Steel Stamp Co., stencils, 318 Penn av, Pittsburgh, Pa.
Pittsburgh Testing Laboratory, 7th & Bedford, Pittsburgh, Pa.
Pittsburgh Tool Steel Wire Co., Monaca, Pa.
Pittsburgh Transformer Co., Adams & Preble av, Pittsburgh, Pa.
Pittsburgh Trolley & Forge Co., drift pins & forgings, Pittsburgh, Pa.
Pittsburgh Trunk Co., 1041 Gibbon, Pittsburgh, Pa.
Pittsburgh Tube Co., pipe & tube mills, Keystone Bldg., Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co., Frick Bldg., Pittsburgh, Pa.
Pittsburgh Valve, Foundry & Constr. Co., valves, 26th & A. V. R. R., Pittsburgh, Pa.
Pittsburgh Varnish Co., 2640 Liberty av, Pittsburgh, Pa.
Pittsburgh Wall Paper Co., New Brighton, Pa.
Pittsburgh Water Heater Co., Columbia Bank Bldg., Pittsburgh, Pa.
Pittsburgh Waterproof Co., wagon covers, etc., 435 Liberty av, Pittsburgh, Pa.
Pittsburgh White Metal Co., babbitt metal, 3116 Penn av, Pittsburgh, Pa.
Pittsburgh White Sand Co., Farmers' Bk. Bldg., Pittsburgh, Pa.
Pittsburgh Wireless Equipment Co., Ridgway, Pa.
Pittsburgh Wood Preserving Co., creosoted materials, Century Bldg., Pittsburgh, Pa.
Pittsfield Carriage Co., Pittsfield, Mass.
Pittsfield Junk Co., scrap rubber, Pittsfield, Mass.
Pittsfield Lime Co., Richmond, Mass.
Pittsfield Spark Coil Co., coil switches, Pittsfield, Mass.
Pittston Iron Roofing Co., Pittston, Pa.
Pittston Stove Co., Pittston, Pa.
Pitz, John F., patterns & models, 21 Rose row, New York.
Pitz & Weber, fndrs, 287 Scholes, Brooklyn, N. Y.
Pixley Safe & Lock Co., Toledo, O.
Piza, Nephews & Co., crude rubber, 18 B'way, New York.
P-K Engineers, contractors & expansion joints, St. Louis, Mo.
Placer County Growers' Ass'n, canned goods, Lincoln, Cal.
Plack Carriage Wks., Galion, Ohio.
Plack, W. L., architect, 1208 Chestnut, Phila., Pa.
Placke, H. H., contractor, Plymouth Bldg., Minneapolis, Minn.
Plackek, Jas. W., architect, Acheson Bldg., Berkeley, Cal.
Plager, Wm. S., architect, 2115 Kearney, N. E., Washington, D. C.
Plain Canning Co., Plain City, Ohio.
Plain City Canning Co., Plain City, Utah.
Plainfield Brass Fndry., Plainfield, N. J.
Plains Iron Works Co., indust. cars, 8th & Lorrimer, Denver, Colo.
Plainview Canning Co., Plainview, Minn.
Plainville Canning Co., Plainville, Ind.
Plaistead, B. T., knitted gloves, Hartford, Conn.
Plallner Yale Mfg. Co., Lincoln, Neb.
Plambeck, H. Wm., contractor, Davenport, Ia.
Plamondon, A., Mfg. Co., mill & facty. supplies & power transmitting machy., 12 N. Clinton, Chicago, Ill.
Plampin Lithograph Co., advtg. signs, 147 Waverly pl, New York.
Plane, I. C., cornices & skylights, Independence, Ia.
Planert, F. W., & Son, ice skates, 941 N. Roby, Chicago, Ill.
Planet Co., auto trunks, halters, etc., Westfield, Mass.
Planing Mill Co., sash, door & blinds, Roaring Springs, Pa.
Plank Flexible Shaft Mach. Co., universal joints, Grand Rapids, Mich.
Plankinton Packing Co., meat, 3012 Meinecke av, Milwaukee, Wis.
Plano Tractor Co., Plano, Ill.
Plansifter Milling Co., flour, Okla., Okla.
Plant Engng. & Equip Co., steam traps, 6 Church, New York.
Plant Rubber Co., 322 1st av N., Minneapolis, Minn.
Planters' Chemical & Oil Co., Talladega, Ala.
Planters' Cotton Oil Co., Augusta, Ga., & Montgomery, Ala.
Planters' Cotton Oil & Fertilizer Co., Rocky Mount, N. C.
Planters' Fertilizer & Chemical Co., acid phosphate, Hibernia Bldg., New Orleans, La.
Planters' Fertilizer Co., Flowery Branch, Macon & Tennville, Ga.
Planters' Fertilizer & Live Stock Co., Buena Vista, Ga.
Planters' Fertz. & Phosphate Co., Charleston, S. C.
Planters' Hardware & Mill Supply Co., Ltd., Thibodeaux, La.
Planters' Lumber Co., Ltd., Jeanerette, La.
Planters' Oil Co., Albany, Ga.
Planters' Oil & Fertilizer Co., Lilly, Ga.
Planters' Oil Mill, Tunica, Miss.
Planters' Oil Mill & Gin Co., fertilizer mfrs., Kosciusko, Miss.
Planters' Warehouse & Commission Co., fertilizer mfrs., Eutaw, Ala.
Planters' Warehouse Co., fertilizer, Reynolds, Ga.
Planters' Warehouse & Loan Co., Fitzgerald, Ga.
Plaquemine Brickyard, Plaquemine, La.
Plaquemine Stave & Heading Co., Ltd., Plaquemine, La.
Plastergon Wall Board Co., 6 Philadelphia av, Buffalo, N. Y.
Plass, L. & Co., steel, 132 Pearl, New York.
Plastic Relief Mfg. Co., woodcarvers, ornaments, 949 Halsted, Chicago, Ill.
Plastone Co., drainboards & sanitary flooring, Los Angeles, Cal.
Plato, Samuel, architect, Marion, Ind.
Platt, Addison J., agricultural implements, Sterling, Ill.
Platt Bros. & Co., fndrs., Waterbury, Conn.
Platt, Chas. A., landscape architect, 101 Park av, New York.
Platt, Chas. S., Co., silver solder, 31 Gold, New York.
Platt, Clarence B., stone, Bridgeton, N. J.
Platt & Co., cans & canned goods, Key Highway & Boyle, Baltimore, Md.
Platt, Frank S., Co., fertilizer mfrs., New Haven, Conn.
Platt, Fred'k P., architect, 1123 B'way, New York.
Platt, Geo. A., children's carriages, 489 5th av, Brooklyn, N. Y.
Platt, Hy. B., disinfectants, etc., 42 Cliff, New York.
Platt Iron Works, pumps, oil mill machinery, etc., Dayton, Ohio.
Platt, J. Mills, architect, Cutler Bldg., Rochester, N. Y.
Platt Pressed & Fire Brick Co., Van Meter, Ia.
Platt & Thornburgh Paint Co., 7th & Franklin, St. Louis, Mo.
Platt & Washburn Refin'g Co., oils & greases, 11 B'way, New York.
Platt, Wm. L., Constr. Co., Paterson, N. J.
Platte Valley Canning Co., Denver, Colo.
Platte Valley Cement Tile Mfg. Co., Fremont, Neb.
Plattner Implement Co., agricul. implts., Lincoln, Neb.
Plattsburg Foundry & Machine Co., Plattsburg, N. Y.
Plaut, L., & Co., elec. & gas light fixture mfrs., 432 E. 23d, New York.
Play O-Lite Co., portables, 1750 Main, Buffalo, N. Y.
Playthings, trade publication, 118 E. 28th, New York.
Plaza Music Co., talk'g Mach., 10 W. 20th, New York.
P. & L. Constrg. Co., 299 B'way, New York.
Pleas Concrete Construction Co., 30 N. La Salle, Chicago, Ill.
Pleasant Grove Canning Co., Pleasant Grove, Utah.
Pleasant River Granite Co., Addison, Me.
Pleasant Valley Shingle Co., lumber, Elbe, Wash.
Plew & Motter Co., loose leaf devices, 1200 W. Monroe, Chicago, Ill.
Plews, R., Mfg. Co., cornices, Central Falls, R. I.
Plimpton Elevating Truck Co., 70 5th av, New York.
Plimpton & Hills Corp, mill, facty. & plumbers' supplies, Hartford, Conn.
Plimpton, J. E., & Co., machsts. & fndrs., Norwood, Mass.
Plimpton Mfg. Co., plain envelopes, Hartford, Conn.
Plizer, Elias M., stone prod., Watkins, Brooklyn, N. Y.
Plocher, Andrew, Sons Co., arch. iron wks., Dayton, Ohio.
Plock, A. F., safety catches, Park Bldg., Pittsburgh, Pa.
Plock, John, Co., contractor, 221 Huron, Toledo, Ohio.
Plome-Sinek Co., concrete floors & arches, 139 N. Clark, Chicago, Ill.
Plomo Specialty Mfg. Co., gear protective composition, lubricating oils, etc., Cleveland, Ohio.
Plotkin, S. J., mattresses, Johnstown, Pa.
Plotz, Wm., machst., 401 Champlain av N. W., Cleveland, Ohio.
Plugh, August T., plugs—soil pipe testing, Hoboken, N. J.
Plum Point Canning Co., Plum Point, Md.
Plumb, D. S., clock wks., gears, gauges, movements, etc., Norfolk, nr. Central av, Newark, N. J.
See adv index at end of book.
Plumb, Fayette R., chisels & gauges, Frankford, Phila., Pa.
Plumb, Fayette R., machst., Tucker & James, Phila., Pa.
Plumbers' & Factory Supply Co., 33 E. Spring, Columbus, Ohio.
Plumbers' Supply Co., Joplin, Mo.
Plumbers' Trade Journal Pub. Co., 64 W. Randolph, Chicago, Ill.
Plumbers' Woodwork Co., Algoma, Wis.
Plumbing & Mill Supply Co., 840 Baronne, New Orleans, La.
Plumbing Supply Co., Sioux Falls, S. D.
Plume & Atwood Mfg. Co., lamp adapters, 470 Bank, Waterbury, Conn.
Plume, Edw. C., Co., advtg. signs, 417 S. Dearborn, Chicago, Ill.
Plumley, Morris, contractor, Chester, Pa.
Plummer-Adams Construction Co., Springfield, Mo.
Plummer, C. M., & H. T., steam fitters' supplies, Portland, Me.
Plummer, D. S., brick, 104 W. 90th, New York.
Plummer, Geo. E., & Son, sashes, doors & blinds, Alameda, Cal.
Plummer, Geo. L., lbr., Union, N. H.
Plummer, H. H., masons' & bldrs.' matls., Menasha, Wis.
Plummer, W. A., Mfg. Co., bags & bagging, 37 Front, San Francisco, Cal.
Plump, G. H., & Sons, contractors, 1415 Mansfield, Cincinnati, O.
Plumstead, Harry T., shoe patterns, Haverhill, Mass.
Plunket, Jas. E., machsts., 1342 W. Lake, Chicago, Ill.
See adv index at end of book.
Plunkett, A. N., flour, Conyers, Ga.
Plunkett, Chas., sink brushes & corn brooms, 205 Duane, New York.
Plunkett Chemical Co., disinfectants, 2540 Cottage Grove av, Chicago, Ill.
Plunkett, W. C., & Sons, warps, textile machy., Adams, Mass.
Plymouth Canning Co., Plymouth, Wis.
Plymouth Clay Products Co., Fort Dodge, Iowa.
Plymouth Cordage Co., North Plymouth, Mass.
Plymouth Foundry Co., Plymouth, Mass.
Plymouth Fdry. & Machine Co., Plymouth, Wis.
Plymouth Gypsum Co., plaster, Ft. Dodge, Ia.
Plymouth Lumber Co., Plymouth, N. C.
Plymouth Mfg. Co., wire bound boxes, Plymouth, Ind.
Plymouth Milling Co., Le Mars, Ia.
Plymouth Mills, bolt, nut & rivet mfrs., Plymouth, Mass.
Plymouth Mills, fibre matt'g, 1115 B'way, New York.

Plymouth Rubber Co., cloths, heels, sheets, springs, etc., Canton, Mass.
Plymouth Seam Face Granite Co., 6 Beacon, Boston, Mass.
P. & M., Co. (The), rail anchors, rail anti-creepers, 80 E. Jackson blvd., Chicago, Ill.
Pneumatic Conduit Threader Co., Richmond, Va.
Pneumatic Conveyor Co., 37 W. Van Buren, Chicago, Ill.
Pneumatic Cushion Co., auto springs, 179 Grove, San Francisco, Cal.
Pneumatic Cushion Rubber Heel Co., 19 Lincoln, Boston, Mass.
Pneumatic Gate Co., 1921 S. Fairfield av, Chicago, Ill.
Pneumatic Mfg. Co., buckets, life preservers, boat fenders, etc., 123 Pacific, Brooklyn, N. Y.
Pneumatic Scale Corp., automatic weighting, sealing & packing machine mfrs., Norfolk Downs, Mass.
Pneumatic Transit Co., pneumatic tubes, 926 Columbia, Philadelphia, Pa.
Pneumelectric Machine Co., coal mining machinery, etc., Syracuse, N. Y.
Pneumercator Co., water level gauges, 118 Liberty, New York.
See adv index at end of book.
Pneuvac Co., hand vacuum cleaners, 59 Temple pl, Boston, Mass.
Poage, R. C., Milling Co., flour, Ashland, Ky.
Pocahontas Coke Co., Bluefield, W. Va.
Pocahontas Fndry. & Mach. Co., Keystone, W. Va.
Pocahontas Fuel Co., Inc., Pocahontas, Va.
Pocahontas Guano Co., fertilizer mfrs., Lynchburg, Va.
Pocahontas Lbr. Co., Brookville, Pa., & Corinth, Miss.
Pocahontas Mfg. Co., Charles City, La.
Pocasset Mfg. Co., cotton sheetings, Fall River, Mass.
Pocher, B. H., & Co., contractors, 880 Main, Cambridge, Mass.
Pockels Drug, Glass & Paint Co., Jefferson & Gravois, St. Louis, Mo.
Pocock, W. H., contractor, Hammond Bldg., Detroit, Mich.
Pocomoke Foundry & Machine Wks., Pocomoke City, Md.
Pocomoko Guano Co., fertilizer mfrs., Norfolk, Va.
Podmore, Thos., architect, Bennett Bldg., Wilkes-Barre, Pa.
Poe, E. A., Brick Co., Fayetteville, N. C.
Poe, F. W., Mfg. Co., cotton sheetings, Greenville, S. C.
Poe Hardware & Supply Co., Greenville, S. C.
Pockel, T. Sch. & Co., yacht bldg. & marine railway, Neponset, Boston, Mass.
Poeter, E., & Co., metal nov. & spec., 251 N. J. R. R. av, Newark, N. J.
Poetz, J. C., architect, 109 Ermina av, Spokane, Wash.
Pogginsee Brush Co., bottle washers, 1170 N. Manchester av, Chicago, Ill.
Poggi, C. Godfrey, architect, 2 Julian pl, Elizabeth, N. J.
Pogue Lumber Co., masons' & bldrs.' matls., Hinckley, & Waterman, Ill.
Pohl, Geo. D., Mfg. Co., machsts. & fndrs., Vernon, N. Y.
Pohl, Jno. E., cornices, Lancaster, Pa.
Pohle, Geo. H., architect, 122 E. 25th, New York.
Pohlkamp, H., contractor, Covington, Ky.
Pohlmann, John W., Fndry. Co., 205 Baitz av, Buffalo, N. Y.
Poindexter, C. K., lumber, Marcellus, Ky.
Point Lobos Canning Co., Monterey, Cal.
Point Marion Glass Novelty Co., Point Marion, Pa.
Point Marion Window Glass Co., Point Marion, Pa.
Point Milling & Mfg. Co., barytes, Mineral Point, Mo.
Point Pleasant Machine Wks., machsts. & fndrs., Point Pleasant, W. Va.
Pointe Coupee Stave & Lumber Co., New Orleans, La.
Poitevent & Favre Lbr. Co., L. & L. & G. Bldg., New Orleans, La.
Polacheck, Chas., & Bro. Co., elec. & gas light fixtures, 217 3d, Milwaukee, Wis.
Polachek, John, Bronze & Iron Co., 480 Hancock, Long Island City, N. Y.
Polack Co., bristles, horse & goat hair, 249 Pearl, New York.
Polack Truck Tyre Corpn., rubber tires, Bridgeport, Conn., & New York.
Polack Tyre & Rubber Co., 1876 B'way, New York.
Polan, Katz & Co., umbrella mfrs., 24 Hanover, Balto., Md.
Poland Laundry Mach'y Co., 47 Kemble, Boston, Mass.
Poland Paper Co., Mechanic Falls, Me.
Poland, W. A., architect, 9 S. Stockton, Trenton, N. J.
Polar Mfg. Co., stationers' specialties, 101 N. Marshall, Philadelphia, Pa.
Polar Still Co., water, 24 S. Clinton, Chicago, Ill.
Polay Fixture Service Co., window display fix., 515 N. Halsted, Chicago, Ill.
Pole Stock Lbr. Co., Hattiesburg, Miss.
Polenske Bros., Schellak & Co., brick, Hastings, Neb.
Poley, J. Vincent, architect, Royersford, Pa.
Polhemus & Mackenzie, architects, 15 E. 40th, New York.
Polhemus, P. B., architect, Roselle Park, N. J.
Polhemus, P. B., contractor, 110 W. 34th, New York.
Polish Prod. Co., metal, furniture & shoe polish, Kansas City, Mo.
Politano, D., Bros., contractors, 607 Webster av, Pittsburgh, Pa.
Politure Chemical Co., soap, St. Louis, Mo.
Polk, A. J., & Son, machsts., Millersburg, Pa.
Polk-Genung Polk Co., steel tanks, Fort Branch, Ind.
Polk, J. T., Co., canned goods, Greenwood, Ind.
Polk, R. L., Co., directory publishers, 21 Howard, Detroit, Mich.
Polk, W. C., flour mill, Hindsville, Ark.
Polk, Willis, & Co., architects, Hobart Bldg., San Fran., Cal.
Polkton Brick Co., Polkton, N. C.
Poll, H. P., architect, Vermont Bldg., Salt Lake City, Utah.
Poll, J. C., contractor, Danville, Ill.
Pollack, Henry, Trunk Co., Dallas, Tex.
Pollack, Max., & Co., cotton thread, 12 E. 22d, New York.
Pollak, Max, archtl. & ornament. iron, 505 E. 76th, New York.
Pollak Steel Co., axles & forgings, Cincinnati, O.; Chicago, Ill., & Hobart Bldg., San Francisco, Cal.
Pollak Steel Co., forgings, axles, etc., Carthage, Cincinnati, O.
Pollard-Alling Mfg. Co., mchsts. & fndrs., 312 E. 23d, New York.
Pollard, C. A., Co., lock corner box machy., etc., Newfields, N. H.
Pollard, C W., contractor, Richmond, Va.
Pollard & Campbell, contrs., Brandeis Thea. Bldg., Omaha, Neb.
Pollard & Co., lumber, 110 Market, San Francisco, Cal.
Pollard Engng. Co., machsts., 169 N. Jefferson, Chicago, Ill.
Pollard, Geo. Mort., architect, 347 5th av, New York.
Pollard, J. G., tool mfrs., 141 Raymond, Brooklyn, N. Y.
Pollard, John H., architect, Fort Worth Natl. Bk. Bldg., Fort Worth, Tex.
Pollard Lbr. Co., Westport, Cal.
Pollard, M. J. C., contractor, Columbus, Ga.
Pollitz Le Fort & Keon, carriage robes, 3d & Huntington, Philadelphia, Pa.
Pollmar & Ropes, architects, 45 State, Detroit, Mich.
Pollock, Alex., Co., mill & facty. supplies, 203 West, New York.
Pollock Brush Co., Easton, Pa.
Pollock Fertilizer Co., Fidelity Bldg., Baltimore, Md.
Pollock Ink Co., printing inks, 212 Elm, Buffalo, N. Y.
Pollock, Mayer, machy. & metal dealers, Pottstown, Pa.
Pollock, Robt. S., Co., contractors, 118 E. 28th, New York.
Pollock, Robt. W., architect, 1802 Chestnut, Phila., Pa.
Pollock, S., & Son, masons' & bldrs.' matls., Coldwater, Mich.
Pollock, Wm. B., Co., machsts., Youngstown, Ohio.
Polo Mach. Co., gas & oil engines, Polo, Ill.
Polo Pneumatic Tire Alarm Mfg. Co., 160 N. 5th av, Chicago, Ill.
Polsey, J. N., & Co., packing box mfrs., Pawtucket, R. I.
Polson Mfg. Co., automobile wind shields, Buffalo, N. Y.
Polson, Wm., & Co., sash, door & blind mfrs., Saginaw, Mich.
Polygon Products Co., rust dissolver, 141 Milk, Boston, Mass.
Polytechnic College of Engineering, Oakland, Cal.
Polytechnic Institute, engng. school & college, 85 Livingston, Brooklyn, N. Y.
Polzella, Frank D., contractor, 512 Cortlandt av, New York.
Pomaria Oil Mfg. Co., meal, Pomaria, S. C.
Pomeroy Constr. Co., 1609 Ranstead, Philadelphia, Pa.
Pomeroy, E. A., contractor, Gloucester, Mass.
Pomeroy & Fischer, varnish mfrs., wood fillers, etc., 95 Madison av, New York.
Pomeroy Ink Mfg. Co., 55 E. Park, Newark, N. J.
Pomeroy, John S., Co., contractors, Gloucester, Mass.
Pomeroy Machine Co., Pomeroy, Ohio.
Pomeroy, S. H., Co., fire-proof windows, sash, door & blind mfrs., 282 E. 134th, New York.
Pomeroy Salt Assn. Co., Pomeroy, Ohio.
Pomeroy & Stellrecht, machsts., 582 Kensington av, Buffalo, N. Y.
Pomona Mfg. Co., machinists, Pomona, Cal.
Pomona Terra Cotta Co., Pomona, N. C.
Pomona Valley Canning Co., Pomona, Cal.
Pompeiean Mfg. Co., water automatic heaters, 2104 Superior av, Cleveland, Ohio.
Ponca City Milling Co., flour, Ponca City, Okla.
Ponca Refining Co., petroleum, Ponca City, Okla.
Pond, E. K., Packing Co., 517 W. 24th pl, Chicago, Ill.
Pond, J. E., & Son, sash, door & blind mfrs., Crown Point, N. Y.
Pond, L. W., Mach. & Fndry. Co., Worcester, Mass.
Pond Lumber Co., Conneaut, Ohio.
Pond & Pond, architects, 64 E. Van Buren, Chicago, Ill.
Pond & Robinson, landscape archts., 101 Tremont, Boston, Mass.
Pond, Virgil S., Co., pckg. box mfrs., Foxboro, Mass.
Pondelick Bros., engine pistons, 215 S. Leavitt, Chicago, Ill.
Pondville Woolen Mills, Auburn, Mass.
Pons & Sunday, contractors, Pensacola, Fla.
Ponsford, H. T., contractor, El Paso, Tex.
Pontiac Planing Mill Co., sash, door & blind, Pontiac, Mich.
Pontiac Tractor Co., Pontiac, Mich.
Pontiac Varnish Co., Pontiac, Mich.
Pontoosuc Woolen Mfg. Co., steamer rugs, Pittsfield, Mass.
Pontotoc Cotton Oil Co., Pontotoc, Miss.
Ponty, D. H., Jr., architect, Port Chester, N. Y.
Pontz, A. F., & Co., whol. hdwe., Lancaster, Pa.
Pontz, Adam, brick, Lancaster, Pa.
Pontz, Jacob, common brick, Lancaster, Pa.
Pool, S. P., machsts. & fndrs., Poolville, Va.
Poole Brass Fdry. Co., Butler, Pa.
Poole-Dean Co., steel structural wk., Portland, Ore.
Poole, E. H., & Co., machsts. & fndrs., 1513 Orleans, Balto., Md.
Poole Engineering & Machine Co., machy. mfrs., Baltimore, Md.
Poole, J. Morton Co., brass & grey iron castings, etc., ft. of Thomas, Wilmington, Del.
Poole, Jas. W., speaking tubes, 16 Columbia, Boston, Mass.
Poole, John W., & Son, flour mills, Petersburg, Va.
Poole Mfg. Co., boiler cleaners, 325 Columbus av, Boston, Mass.
Poole Piano Co., Cambridge, Mass.

Poole, Roy, contractor, Frederick, Md.
Poole, T. H., & Co., archts., Colorado Bldg., Washington, D. C.
Poole, Thomas H., & Co., decorative archts., 13 W. 30th, N. York.
Poole, Wm., contractor, Springfield, Ohio.
Pooler, W. J., contractor, Ogdensburg, N. Y.
Poor, M. D., lbr., Antrim, N. H.
Poorman, H. B., Box Mfg. Co., pckg. box mfrs., 10th & Howard, St. Louis, Mo.
Poorman, J. E., tap wrenches, 1825 Bristol, Philadelphia, Pa.
Poorman, O. O., Co., machinist, New Bremen, Ohio.
Poos, John, cornices & skylights, Dayton, Ky.
Pope, B. F., crushed stone, Law Bldg., Baltimore, Md.
Pope & Pracht, carriages, Brownsville, Tenn.
Pope & Burton, archts., Newhouse Bldg., Salt Lake City, Utah.
Pope Cannon Box Co., pckg. box mfrs., Geneva, Ill.
Pope, Chas., sugar refineries, McCormick Bldg., Chicago, Ill.
Pope, Chas. A., parquet floors, 320 E. 95th, New York.
Pope, Fred, architect, 622 Tremont Bldg., Boston, Mass.
Pope-Gosser China Co., Conshohocken, Pa.
Pope, J. T., flour, Dublin, Ga.
Pope, Jno. Russell, architect, 527 5th av, New York.
Pope, Jos., contractor, Jefferson City, Mo.
Pope, L. A., contractor, Rock Hill, S. C.
Pope Mfg. Co., fertilizer, Washington, Ga.
Pope Mfg. Co., motor cycles & motor fire engines, Hartford, Conn.
Pope, T. J., butchers' knives, Sauquoit, N. Y.
Pope & Talbot, lumber, ft. of 3d, San Francisco, Cal.
Pope, Theodate, architect, 15 E. 40th, New York.
Pope Trading Co., metal dlrs., 90 West, New York.
Pope-Wheelock Mfg. Co., arresters (spark, traction engine, etc.), Watertown, S. D.
Pope, Wm. A., heating contrs., 26 N. Jefferson, Chicago, Ill.
Popkin, Charles Adrian, architect, Sapulpa, Okla.
Poplar Bluffs Handle Wks., Poplar Bluffs, Mo.
Popp, Jas., buttons, 401 S. Clinton, Chicago, Ill.
Popp, John C., brick, Perryville, Mo.
Popp & Wolf Hwde. Co., Saginaw, Mich.
Poppenberger, Wm., & Son, contrs., 735 York, St. Paul, Minn.
Popper, Leon, & Sons, glass, 143 Franklin, New York.
Poppke & Son, archtl. & ornamentl. iron, 805 Lex. av, Brooklyn, N. Y.
Popple & Knowles Co., cornices & skylights, Seattle, Wash.
Popplein, G. & N., paint & varnish mfrs., 220 North, Balto., Md.
Popular Mechanics Magazine, trade publication, 6 N. Michigan av, Chicago, Ill.
Porath, Ferd., & Son, contrs., Free Press Bldg., Detroit, Mich.
Porbeck Dust Arrester & Blow Pipe Co., 2017 B'way, St. Louis, Mo.
Porcela Radax Co., tile & marble clnrs., Bessemer Bldg., Pittsburgh, Pa.
Porcelain Enameling Assn. of Amer., Sheboygan, Wis.
Porcupine Co., boilers, Bridgeport, Conn.
Porparato, Jno. A., archt., 619 Wash., San Francisco, Cal.
Porritt, Chas. H., contractor, Fargo, N. D.
Port Arthur Cooperage Co., Port Arthur, Tex.
Port Arthur Rice Milling Co., Port Arthur, Tex.
Port Blakeley Mill Co., 544 Market, San Francisco, Cal.
Port Byron Lime Assn., Port Byron, Ill.
Port Byron Material & Fuel Co., Rock Island, Ill.
Port Chester Mach. Wks., Port Chester, N. Y.
Port Clinton Buggy Co., carriages, Port Clinton, Ohio.
Port Costa Brick Works, 618 Mission, San Francisco, Cal.
Port Deposit Quarry Co., bldg. granite; grits & meal, Port Deposit, Md.
Port Gibson Oil Wks., Port Gibson, Miss.
Port Hy. Iron Ore Co., 2 Rector, New York.
Port Huron Const. Co., machsts., Port Huron, Mich.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Port Huron Sulphite & Paper Co., Port Huron, Mich.
Port Morris Castings Co., 138th & Locust av, New York.
Port Morris Chem. Wks., 141st & Locust av, New York.
Port Republic Fndry., Port Republic, Va.
Port Republic Milling Co., flour, Port Republic, Va.
Port Townsend Pile Driving Co., Port Townsend, Wash.
Portable Bank Sawmill, Inc., sawmill machy., 239 E. 86th, New York.
Portable Const. Co., 50 Church, New York.
Portable Elec. Safety Light Co., 10 Johnson, Newark, N. J.
Portable Elec. Searchlight Co., Boston, Mass.
Portable Elevator Mfg. Co., portable grain elevator & wagon dumps, Bloomington, Ill.
Portable Machy. Co., Inc., wagon loaders, Passaic, N. J.
Portable Tool Supply Co, chain hoists, 712 Ellicott sq, Buffalo, N. Y.
Portage Brick Co., Hollidaysburg, Pa.
Portage Entry Redstone Co. (Ltd.), Houghton, Mich.
Portage Hosiery Co., lumbermen's socks, Portage, Wis.
Portage Lake Foundry & Machine Co., machsts. & fndrs., Hancock, Mich.
Portage Lake Hdw. Co. (Ltd.), cornices & skylights, Houghton, Mich.
Portage Rubber Co., tires, Akron, Ohio.
Portage Silica Co., sand & gravel dlrs., etc., Youngstown, Ohio.
Portageville Bluestone Co., Portageville, N. Y.
Porter & Boyd, contractors, Charlotte, N. C.
Porter Bros., contractors, Ry. Exch. Bldg., Portland, Ore.
Porter Bros. Co., contractors, Spokane, Wash.
Porter-Burnham Co., contractors, Portland, Me.
Porter, Byron E., architect, 113 Monroe, Lynn, Mass.
Porter, C. B., Co., tinware mfrs., 128 N. 2d, Philadelphia, Pa.
Porter, C. O., Machy. Co., Grand Rapids, Mich.
Porter-Cable Mach. Co., Syracuse, N. Y.
Porter, Chas. M., contractor, 111 W. Washington, Chicago, Ill.
Porter Co., lamps, fire trumpets, etc., 241 Water, New York.
Porter, Cyrus K., & Sons, architects, 73 W. Eagle, Buffalo, N. Y.
Porter Fertilizer Co., Atlanta, Ga.
Porter, Finley Robertson, Co., automobile bldrs., Port Jefferson Station, Long Island City, N. Y.
Porter, Frank, Lumber Co., 11 S. La Salle, Chicago, Ill.
Porter, G. W., & Son, mchsts. & fndrs., Punxsutawney, Pa.
Porter, H. B., & Son, sash, door & blind, Norwich, Conn.
Porter, H. K., bolt & rivet clippers; rod & wire, storage battery & electric wire cutters mfrs., 6 Ashland, Everett, Mass. *See adv index at end of book.*
Porter, H. K., Co., locomotive mfrs., Union Bank Bldg., Pittsburgh, Pa.
Porter, Harry L., architect, Society for Sav. Bldg., Cleveland, O.
Porter Iron Roofing & Corrugating Co., iron & steel roofing & siding, 522 Culvert, Cincinnati, Ohio.
Porter, J. E., Co., agricultural implements, Ottawa, Ill.
Porter, J. N. W., architect, Royster Bldg., Norfolk, Va.
Porter, Jas., contractor, Carlisle, Pa.
Porter, John S., & Co., contractors, 3711 Coleraine av, Cincinnati, O.
Porter, Lew F., architect, Madison, Wis.
Porter Lumber Co., Reinbeck, Ia.
Porter Mach. Co., pulleys, clutches, couplings, Wooster, Ohio.
Porter Machine Works, engine lathes, Hatfield, Mass.
Porter Mill & Elevator Co., flour, Porter, Okla.
Porter & Moore Co., mill & factory supplies, Norfolk, Va.
Porter, S., & Co., wooden shoe lasts, 25 Union, Worcester, Mass.
Porter, S. J., architect, Tipton, Ind.
Porter Safety Seal Co., 1110 W. Lake, Chicago, Ill.
Porter Screen Co., Burlington, Vt.
Porter, W. H., freight elevators, 30 Wendell, Boston, Mass.
Porter, W. H., Sons, contractors, 505 Forrest, Baltimore, Md.
Porter-Wadley, lbr. mfrs., Cotton Valley, La.
Porterfield, Ira J., mattresses, 2019 Ridge av, Philadelphia, Pa.
Porterville Magnesite Co., San Francisco, Cal.
Porteus Walker Co., contractors, Hartford, Conn.
Portland Art Glass Wks., Portland, Ore.
Portland Basket & Handle Co., Portland, Ore.
Portland Body Wks., Portland, Ind.
Portland Bridge Co., Yeon Bldg., Portland, Ore.
Portland Bridge & Bldg. Co., Portland, Ore.
Portland Bridge & Iron Co., Portland, Ore.
Portland Cement Co. of Utah, Salt Lake City, Utah.
Portland Co., freight elev., mill & fact'y. supplies, ship & marine engine bldrs., etc., Portland, Me.
Portland Contracting Co., Pottsville, Pa.
Portland Cordage Co., 14th & Northrup, Portland, Ore.
Portland Drain Tile Co., Portland, Ind.
Portland Egg Case Co., Portland, Ind.
Portland El. Maintenance Co., switchboards, Portland, Ore.
Portland Elevator Co., Portland, Ore.
Portland Extension Ladder & Pole Co., 130 Orange, Newark, N. J.
Portland Flouring Mills Co., Portland, Ore.
Portland Foundry Co., Portland, Mich.
Portland Garage Co., auto. turntables, Portland, Me.
Portland Granite Co., Racine & Waterloo, Wis.
Portland Iron & Steel Co., South Portland, Me.
Portland Iron Wks., 14th & Northrup, Portland, Ore.
Portland Linseed Oil Wks., Portland, Ore.
Portland Lbr. Co., Portland, Ore., & St. Marys, Pa.
Portland Machinery Co., 62 1st, Portland, Ore.
Portland Mfg. Co., Veneer Panels, ft. Richmond, Portland, Ore.
Portland Mfg. Co., clothes washing machs., Portland, Mich.
Portland Milling Co., flour, Portland, Mich., & Tenn.
Portland-Monson Slate Co., slate for electrical purposes mfrs., Portland, Me. *See adv index at end of book.*
Portland Oil Mill, Portland, Ark.
Portland Packing Co., canned goods, Portland, Me.
Portland Products Co., canned goods, South Portland, Me.
Portland Pulley Co., wood split, Portland, Ore.
Portland Rendering Co., fertilizer mfrs., Portland, Me., & Ore.
Portland Rice Milling Co., Portland, Ore.
Portland Rubber Co., Portland, Me.
Portland Rubber Mills, mech'l rubber goods, 368 E. 9th, S. Portland, Ore.
Portland Seed Co., fertz. mfrs., Portland, Ore.
Portland Sewer Pipe & Artificial Stone Co., Portland, Me.
Portland Shipbldg. Co., wooden ship bulds., 257 Front, S., Portland, Me.
Portland Silo Co., Portland, Ind.
Portland Specialty Mfg. Co., machsts. & fndrs., Portland, Conn.
Portland Stone Co., Met. Life Bldg., St. Paul, Minn.
Portland Stone Ware Co., 49 Federal, Boston, Mass.
Portland Stove Fndry. Co., Portland, Me.
Portland Stove Wks., Portland, Ore.
Portland Tent & Awning Co., Portland, Ore.
Portland Trunk Mfg. Co., 60 3d, Portland, Ore.
Portland Wire & Iron Wks., Portland, Ore.

Portland Wood Pipe Co., Portland, Ore.
Portland Woolen Mills, blankets, Portland, Ore.
Portman, Albert F., cornices & skylights, Massillon, O.
Portsmouth Chemical Co., Portsmouth, Ohio
Portsmouth Construction Co., Portsmouth, Ohio.
Portsmouth Contractors Supply Corp., Portsmouth, Va.
Portsmouth Cotton Oil Refining Corp., cotton seed oil refiners, Portsmouth, Va.
Portsmouth Engine Co., Portsmouth, Ohio.
Portsmouth Fdry. Co., Portsmouth, N. H.
Portsmouth Machy. Wks., Portsmouth, Va.
Portsmouth Marine Ry., dry docks, etc., Portsmouth, Va.
Portsmouth Paving Brick Co., New Straitsville & Portsmouth, O.
Portsmouth Refractories Co., brick, cupola lining, etc., Portsmouth, & New Straitsville, Ohio.
Portsmouth Steel Co., machsts. & fndrs., Portsmouth, Ohio.
Portsmouth Stove & Range Co., Portsmouth, Ohio.
Portsmouth Veneer & Panel Co., Portsmouth, Ohio.
Portville Basket Co., Brockton, N. Y.
Posern, Herman, sweaters, cardigans, etc., 1808 South, Phila., Pa.
Posey Mfg. Co., sounding boards, Hoquiam, Wash.
Positive Lock Washer Co., Avenue A, Newark, N. J.
Poss, J. A., contractor, Springfield, Ohio.
Posselius Bros., Furniture Mfg. Co., woodworking machy., 1111 Harper, Detroit, Mich.
Possin, Theo., & Co., cornices & skylights, Roanoke, Va.
Post, A. A., architect, Brisbane Bldg., Buffalo, N. Y.
Post Art Glass & Dec. Co., 311 Oak, Buffalo, N. Y.
Post, C. E., & Co., elec. & gas light fixtures, 399 W, ab. 26th, Los Angeles, Cal.
Post, C. M., Co., carriages, 223 Halsey, Newark, N. J.
Post, E. L., & Co., babbitt metal, belt fasteners, etc., 50 Cliff, New York.
Post, Fred, Co., architects' & engineers' supplies, 3635 Hamlin av, Chicago, Ill.
Post, G. A., contractor, Port Jervis, N. Y.
Post, Geo. B., & Sons, architects, 101 Park av., New York & Schofield Bldg., Cleveland, Ohio.
Post, Geo. M., architect, Salem, Ore.
Post, Glover Elec. Co., 308 W. 4th, Cincinnati, Ohio.
Post, H. L., & Son, contrs., Camden, N. J.
Post, J. Otis, architect, 101 Park av, New York.
Post, J. J. Hardware Co., Cheboygan, Mich.
Post, Jotham, brick, Glen Head, N. Y.
Post & Lester Co., machsts., Hartford, Conn.
Post & McCord, contractors, 101 Park av, New York.
Post Publishing Co., pads & tablets, Appleton, Wis.
Post, Wm. S., architect, 101 Park av, New York.
Postal Paint & Color Co., 6420 Much av, Cleveland, Ohio.
Postamper Co., postage stamp machines, 608 S. Dearborn, Chicago, Ill.
Poste Bros. Buggy Co., Jefferson & Curtis avs, Columbus, Ohio.
Postel, Ph. H., Milling Co., flour, Mascoutah, Ill.
Postle, D. C., brick, Mount Victory, Ohio.
Postle, David E., architect, Elgin, Ill.
Postle & Fisher, architects, 140 S. Dearborn, Chicago, Ill.
Postle, W. S., brick, Camp Chase, Ohio.
Poston, Clarence E., brick, Attica, Ind.
Poston Paving Brick Co., Crawfordsville, Ind.
Positive Differential System Co., steam heating system, 9 Murray, New York.
Postor Baler Co., paper, Chillicothe, Ohio.
Post's, John C., Sons, glass, 52 S. Division, Buffalo, N. Y.
Postum Cereal Co. (Ltd.), foods, Battle Creek, Mich.
Postville Clay Products Co., brick, Postville, Ia.
P. & O. Supply Co., foundry ladles & ladle shanks, Hanover & Florida, Milwaukee, Wis.
Posy & Sons, coffins, Juniper, Ga.
Potato Implement Co., Traversy City, Mich.
Potdevin Machine Co, envelope, bag, corrugated paper & pasting machines, etc., 1221 38th, Brooklyn, N. Y.
Poteet, A. J., archt., Hardin Bldg., Lakeland, Florida.
Potlatch Lbr. Co., Potlatch, Idaho.
Potomac Fire Brick Co., common, Piedmont, W. Va.
Potomac Glass Co., Cumberland, Md.
Potomac Lime & Stone Co., Frederick, Md.
Potomac Milling & Ice Co., flour, Keyser, W. Va.
Potsdam Milling Co., flour, Potsdam, N. Y.
Potsdam Red Sandstone Co., Potsdam, N. Y.
Potter, A. D., masons' & bldrs.' matls., Orange, Mass.
Potter, A. L., & Co., lumber, Norwich, Conn.
Potter, Alex., mill engineer, 50 Church, New York.
Potter Bros., bobbins, South Scituate, R. I.
Potter, C. D., Co., hdwe. mfrs. (piano), Stamford, Conn.
Potter, Chas. F., contractor, Wakefield, R. I.
Potter, Collamore & Co., machsts., Warren, R. I.
Potters Co. Operative Co., East Liverpool, Ohio.
Potter, D. M., brick, Fremont, Ohio.
Potter, E. B., architect, Glens Falls, N. Y.
Potter, F. M., heating contrs., Aberdeen, Wash.
Potter, Frank E., masons' & bldrs. matls., River Point, R. I.
Potter, Frank F., architect, 86 Weybosset, Providence, R. I.
Potter, Fred J., machsts., New Brunswick, N. J.
Potter Hardware Co., Alpena, Mich.
Potter, Howard N., architect, 35 E. 30th, New York.
Potter-Hoy Hardware Co., Bellefonte, Pa.
Potter, J. A., & Co., lbr., Crary, Providence, R. I.
Potter, J. H., Hdwe. Co., cornices, Santa Rosa, Cal.
Potter & Johnston Machine Co., milling machines, etc., Pawtucket, R. I.
Potter, Jos. R., & Co., lbr., sash, door, etc., mfrs., 270 W. 126th, New York.
Potter, M. H., & Sons, masons' & bldrs. matls., Morrison, Ill.
Potter Mfg. Co., hardware specialties, Geneva, Ohio.
Potter Mfg. Co., junction boxes, 1060 Superior av, N. W., Cleveland, Ohio.
Potter Mfg. Co., sewer & trench excavating machines, 3505 E. Washington, Indianapolis, Ind.
Potter-Morgan Mfg. Co., machsts., Fishkill-on-the-Hudson, New York.
Potter, P. W., & Co., sashes, doors & blinds, Silverton, Ore.
Potter Printing Press Co., machsts. & fndrs., Plainfield, N. J.
Potter, Robert, ladders, Orwell, N. Y.
Potter, S. A., Tool & Machine Wks., machinists, 79 E. 130th, New York.
Potter & Snell, glove buttoners, Deep River, Conn.
Potter, Teare & Co., sashes, doors & blinds, 1918 Carter rd, Cleveland, Ohio.
Potter, Thos., Son & Co., linoleum mfrs., 2d & Erie av, Phila, Pa.
Potter, V. W., mach. & fndr., Oelwein, Ia.
Potter & Wrightington, dog biscuits, Board of Trade Bldg., Boston, Mass.
Potter, Wm., stone producers. Ansonia, Conn.
Potter, Wm. Woodburn, architect, 603 Chestnut, Philadelphia, Pa.
Potter, Wilson, architect, 1 Union sq W., New York.
Potter, Myron P., architect, 8820 Carnegie av, Cleveland, Ohio.
Potter, Robert Burnside, architect, Antietan Farm, Smithtown, N. Y.
Potters Mining & Milling Co., East Liverpool, Ohio.
Potters Supply Co., East Liverpool, Ohio.
Potterton Bros., contractors, 215 W. 28th, New York.
Potthoff Construction Co., steel structural wk., Front & Harriet, Cincinnati, Ohio.
Pottier & Stymus Co., wooden mantels, 375 Lexington av, New York.
Pottle, Geo. V., architect, David Whitney Bldg., Detroit, Mich.
Potts Bros., glass bevelers & embossers, 173 Grand, New York.
Potts Bros. Iron Co., Pottstown, Pa.
Potts, C. & A. & Co., clay machy. mfrs., Indianapolis, Ind.
Potts, D. H., benches, anvils, etc., Lancaster, Pa.
Potts, Horace T., & Co., steel imptrs., 316 W. 3d, Phila., Pa.
Potts Mfg. Co., machsts. & fndrs., Mechanicsburg, Pa.
Potts, R. L., & Son, flour mills, White's Station, Ky.
Potts, W. F., Son & Co., tin plate, etc., 1224 Cherry, Phila., Pa.
Potts, Wm. A., Co., contractors, Law Bldg., Baltimore, Md.
Pottstown Mach. Co., Pottstown, Pa.
Pottsville Bolt Co., R. R. track spikes, Pittsburgh & Pottsville, Pa.
Pottsville Fndry. & Stove Co., Pottsville, Pa.
Pottsville Supply Co., plumbers, mill & faty. supplies—jobbers, who. hdwe., Pottsville, Pa.
Poughkeepsie Chair Co., Poughkeepsie, N. Y.
Poughkeepsie Fndry. & Mach. Co., Poughkeepsie, N. Y.
Poulan Cotton Mills, Poulan, Ga.
Poulin, J., Granite Co., Montpelier, Vt.
Poulsen, Geo. F., architect, 327 S. La Salle, Chicago, Ill.
Poultney Consolidated Slate Co., roofing slate, Poultney, Vt.
Poulton, Edwin, fndrs., 15 S. Scioto, Columbus, Ohio.
Pound, W. E., contr., Yoakum, Tex.
Pounder, Geo. H., agricultural implements, Fort Atkinson, Wis.
Pouvailsmith Corp., auto accessories, Poughkeepsie, N. Y.
Povey Bros. Glass Co., Portland, Ore.
Powder Springs Guano Co., fertilizer mfrs., Powder Springs, Ga.
Powdered Coal Engineering & Equip. Coal Dust Burners Co., 2401 W. Washington blvd, Chicago, Ill.
Powe, Thos. E., Lumber Co., 24 Branch, St. Louis, Mo.
Powell, B. A., contr., Mexico, Mo.
Powell, Benj., ladders, Springfield, Mass.
Powell Box Co., Ltd., Audubon Bldg., New Orleans, La.
Powell Brass Mfg. Co., fndrs., Grand Rapids, Mich.
Powell Bros., contractor, Alameda, Cal., & 11 S. La Salle, Chicago, Ill.
Powell Bros., turpentine, Herndon, Fla.
Powell, C. E., flour mills, Parksville, Ky.
Powell, C. L., contractor, American Bldg., Los Angeles, Cal.
Powell, Chas. H., lumber, Tyner, Ind.
Powell, Clouds & Co., mill & facty. supplies, 602 Arch, Philadelphia, Pa.
Powell Construction Co., Mattoon, Ill.
Powell, Francis G., architect, 111 Columbia rd, Dorchester, Boston, Mass.
Powell Hardware Co., cornices & skylights, St. Cloud, Minn.
Powell, J. F. (Est. of), masons' & bldrs.' matls., Yazoo City, Miss.
Powell, John R., architect'l & ornamental iron, 500 Leonard, Brooklyn, N. Y.
Powell, Jno. R., miners' squibs, Plymouth, Pa.
Powell & Jones, felts, 3544 Rhodes av, Chicago, Ill.
Powell Lumber Co., Ltd., Lake Charles, La.

Powell, M. W., Co., felts, roofing tile, etc., 140 S. Dearborn, Chicago, Ill.
Powell Machine Co., metal working planers, 243 Stafford, Worcester, Mass.
Powell & Mitchell, dock bldrs., Marquette, Mich.
Powell Muffler & Timer Co., Utica, N. Y.
Powell, Percival L., architect, 201 Devonshire, Boston, Mass.
Powell Sealer & Tape Mfg. Co., Westerville, Ohio.
Powell, W. Angelo, landscape arch., 615 S. 15th, St. Joseph, Mo.
Powell, W. C., architect, Candler Bldg., Atlanta, Ga.
Powell, W. S., architect, Ebensburg, Pa., & Johnstown, Pa.
Powell, Wm., Co., valve mfrs., Cincinnati, Ohio.
Powell, Wm. F., mill & facty. supplies, Clearfield, Pa.
Powell, Wm. R., architect, Hippodrome Bldg., Cleveland, Ohio.
Powell, Wm. T., contractor, 508 4th av, Pittsburgh, Pa.
Powell Trailor Co., auto trailors, Corry, Pa.
Powell's Fort Stave Co., machsts. & fndrs., Tomsbrook, Va.
Powell's Steel Kitchen Co., 175 W. Jackson blvd, Chicago, Ill.
Powellville Canning Co., Powellville, Md.
Power. trade publication, 10th av & 36th, New York.
Power Boating, trade publications, Cleveland, Ohio.
Power, Chas. A., plate glass, sash, door & blind mfrs., Springfield, Ill.
Power, Chas. O., architect, Medford, Ore.
Power Equipment Co., contractors, Toledo, Ohio.
Power Equip. Co., machy. dlrs., Bailey Bldg., Philadelphia, Pa.
Power Equipment Co., machinery, 212 3d av N., Minneapolis, Minn.
Power Farming, trade publication, St. Joseph, Mich.
Power Glue Mfg. Co., pulley covering, 621 Dearborn, Chicago, Ill.
Power & Grant, mill & factory supplies, 235 Charles, Providence, R. I.
Power, J. H., & Co., stencils, 80 High, Boston, Mass.
Power, John J., contractor, 15 Ashland, Worcester, Mass.
Power & Kelsay, pearl buttons, 377 B'way, New York.
Power, L., Co., woodworking machinery, 20 S. 23d, Phila., Pa.
Power Mfg. Co., oil & distillate engines, Marion, Ohio.
Power & Mining Machy. Co., engng. & machy., 115 B'way, New York.
Power, Nicholas, Co., films, 90 Gold, New York.
Power Numbering Mach. Co., 209 Marginal, E. B., Boston, Mass.
Power Plant Spec. Co., purifiers, 53 W. Jackson blvd, Chicago, Ill.
Power, Richard W., architect, 30 Oakley, Boston, Mass.
Power, S. A, architect, Wooster, Ohio.
Power Spec. Co., superheaters & garbage disposal plants, 111 B'way, New York.
Power, T. F., architect, Higgins Bldg., Los Angeles, Cal.
Power Turbo Blower Co., 347 Madison av, New York.
Powerlight Co., lamps, 210 5th av, New York.
Powers Account'g Mach. Co., 50 Church, New York.
Powers & Boyd Cornice & Roofing Co., 3614 Laclede av, St. Louis, Mo.
Powers Bros., contrs., Brockton, Mass.
Powers Bros. & Co., htg. contrs., 1034 E. 43d, Chicago, Ill.
Powers Bros. & Maynard, brick, Richmond, Va.
Powers & Critchett, lumber mfrs., Ferry, Mich.
Powers, Frank E., Co., masons' & bldrs.' matls., Worcester, Mass.
Powers, Herbert W., architect. 211 N. 7th, St. Louis, Mo.
Powers, Horace S., architect, 10 S. La Salle, Chicago, Ill.
Powers, J. P., Co., architects, 558 blvd, Rockaway Beach, N. Y.
Powers, Jas. F., Fndry. Co., Elkton, Md.
Powers, Jno. H., architect, 460 Montgomery, San Francisco, Cal.
Powers, John J., contractor, 33 Myrtle av, Cambridge, Mass.
Powers, M. F., contractor, 30 N. La Salle, Chicago, Ill.
Powers Mfg. Co., collars, pads (horse), Waterloo, Ia.
Powers Paper Co., Springfield, Mass.
Powers, Patrick, contractor, Little Rock, Ark.
Powers Regulator Co., gas pressure, heat & water pressure regulators, 5 S. Wabash av, Chicago, Ill.
Powers Rubber Horseshoe Co., 1700 N. Kostner av, Chicago, Ill.
Powers, Thomas F., & Co., contractors, Fargo, N. D.
Powers & Thompson Construction Co., Joliet, Ill.
Powers & Walker Casket Co., Grand Rapids, Mich.
Powers-Weightman-Rosengarten Co., chemicals, 916 Parrish, Philadelphia, Pa.
Powers, Wm., lumber mfrs., Pike, N. Y.
Powhatan Basket & Veneer Co., basket mfrs., Norfolk, Va.
Powhatan Brass & Iron Wks., plumbing & steam specialties, 340 Hudson, New York.
Powhatan Clay Mfg. Co., brick, Richmond, Va.
Powhattan Brass & Iron Wks., Ronson, W. Va.
Powhattan Lime Co., Richmond, Va.
Powley, Jos. L., Son, dock bldrs., Kingston, N. Y.
Pownall, F. H., Iron Wks., machsts. & fndrs., Jamesburg, N. J.
Pownall Hardware Co., wholesale hardware, Coatesville, Pa.
Poynter, R. P., & Sons, flour mills, Horsecave, Ky.
Poynton, Arthur M., Co., contractors, 715 14th, N. W., Washington, D. C.
Pozzo Construction Co., 421 Macy, Los Angeles, Cal.
Prack & Perrine, architects, Keystone Bldg., Pittsburgh, Pa.
Praena, A. B., architect, P. S. Bldg., Seattle, Wash.
Practical Engineer, trade publication, 537 S. Dearborn, Chicago, Ill.
Prados, Henry J., & Son, masons' & bldrs.' matls., 1326 Hospital, New Orleans, La.
Praeger Hardware Co. (wholesale), San Antonio, Tex.
Pragel, Geo., trunk mfrs., 56 E. Hill, Baltimore, Md.
Prager, Raphael, architect, 149 B'way, New York.
Prague Mfg. Co., machsts., Cleveland, Ohio.
Prairie City Canning Co., Prairie du Chien, Wis.
Prairie du Chien Woolen Mill Co., woolen blankets, Prairie du Chien, Wis.
Prairie, Frank, cornices, 3424 S. State, Chicago, Ill.
Prairie Grove Vinegar & Preserving Co., Prairie Grove, Ark.
Prairie Oil & Gas Co., Independence, Kans.
Prairie Pebble Phosphate Co., 61 B'way, New York.
Prairie Queen Mfg. Co., agricultural implements, Newton, Kans.
Prairie State Canning Co., El Paso, Ill.
Prairie State Incubator Co., Homer City, Pa.
Prairie View Canning Co., Randolph, Wis.
Prairieville Gin & Mill Co., flour, Prairieville, Tex.
Prange, A. E., contractor, Grand Rapids, Mich.
Prame, F. J., brick, Shiloh, Ohio.
Praray, Chas. W., engineers, Times Bldg., New Bedford, Mass.
Prasse Lumber Co., 1864 Columbus rd, N. W., Cleveland, Ohio.
Prather, Fred'k V., architect, 20 W. Jackson blvd, Chicago, Ill.
Prather, J. A., architect, Carthage, Mo.
Pratt, A. J., cornices, Springfield, Mass.
Pratt Amasa Co., lbr., etc., Lowell, Mass.
Pratt, B. G., Co., spray'g compounds & polish'g oils, 50 Church, New York.
Pratt, Bickel & Campbell, architects, Bay City, Mich.
Pratt Bldg. Material Co., brick, Hearst Bldg., San Francisco, Cal.
Pratt & Cady Co., valve, hydrants, etc., mfrs., Hartford, Conn.
Pratt, Carroll H., architect, 103 Park ava, New York.
Pratt-Chuck Co., Frankfort, N. Y.
Pratt-Church Co., foundry, Chaplets, Frankport, N. Y.
Pratt, E. O., mill & factory. supplies, Clinton, Mass.
Pratt, Edwin, & Sons, machsts., Kankakee, Ill.
Pratt Engng. & Mach. Co., Atlanta, Ga.
Pratt Fork & Hoe Corp., Frankfort, N. Y.
Pratt-Gilbert Co., contractors, Phoenix, Ariz.
Pratt Gin & Milling Co., Prattville, Ala.
Pratt, Hy., Co., steel struct. wk., 2222 S. Halsted, Chicago, Ill.
Pratt, Hy. M., landscape arch., 53 State, Boston, Mass.
Pratt & Inman, wholesale hdwe., Worcester, Mass.
Pratt Institute of Science & Technology, Engng. School & Coll., 215 Ryerson, Brooklyn, N. Y.
Pratt, J. W., architect, Chanute, Kans.
Pratt, J. W., canned goods, Farmington, Me.
Pratt, J. Winthrop, architect, Quincy, Mass.
Pratt & Lambert, varnishes, etc., Buffalo, N. Y.
Pratt & Letchworth Co., steel castings, hdwe., Buffalo, N. Y.
Pratt Low Preserving Co., canned goods, Santa Clara, Cal.
Pratt Mfg. Co., furniture, Coldwater, Mich.
Pratt, N. P., Laboratory, chemists, Atlanta, Ga.
Pratt, R. W., & Son, mill & facty. supplies, 111 Haverhill, Boston, Mass.
Pratt-Read & Co., ivory buttons, Deep River Conn.
Pratt, Richard H., architect, Munsey Bldg., Baltimore, Md.
Pratt, W. D., hack saw machs., Canton, Ohio.
Pratt & Whitney Co., machsts. & fndrs., 111 B'way, New York.
Pratt, Wm. E., Mfg. Co., agricl. implements, 35 W. Lake, Chicago, Ill.
Pratt, Wm. F., architect, Northampton, Mass.
Pray, Hubbard & White, landscape architects, 101 Tremont, Boston, Mass.
Pray, Milton, steel products, Monadnock Bldg., San Francisco, Cal.
Pray, W. H., ice plows, Clove, N. Y.
Preacher, G. L., architect, Augusta, Ga.
Preble, Edw., iron forgings, 103 Summer, E. B., Boston, Mass.
Preble, Walter H., Co., contractors, 11 Pemberton sq, Boston, Mass.
Precious Metals Tempering Co., Inc., surgical instruments, 30 Church, New York.
Precision Casting Co., Fayetteville, N. Y.
Precision Instrument Co., gauges, indicators, recorders, etc., Detroit, Mich.
Precision Mach. Co., films & mov'g picture mach'y, 317 E. 34th, New York.
Precision Metal Workers, 1443 Carroll av, Chicago, Ill.
Precision Thermometer & Instrument Co., 1434 Brandywine, Philadelphia, Pa.
Precision Tool Co., boring heads, Lansing, Mich.
Precision Tool Co., screw mach. products, tool mfg., Canton, Mass.
Preferred Accident Ins. Co., 80 Maiden la, New York.
Preiskel, Abram, architect, Hobart Trust Bldg., Passaic, N. J.
Preisler, Ernst, architect, Title Guaranty Bldg., St. Louis, Mo.
Preiss & Co., contractors, Orange, N. J.
Premier Aluminum Foundry Co., machsts. & fndrs., Nickel Plate & Ivanhoe rd, Cleveland, Ohio.
Premier Auto Nov. Mfg. Co., radiator covers, etc., 149 Chambers, New York.
Premier Bed Co., machsts. & fndrs., Mishawaka, Ind.
Premier Cycle Works., 33 N. Canal, Chicago, Ill.
Premier Elec. Co., cords, auto. horns, 1123 S. Wabash av, Chicago, Ill

Premier Machy. Co., 16 California, San Francisco, Cal.
Premier Metal Etching Co., name-plates & dials, 14th, Long Island City, N. Y.
Premier Motor Corp., 20th & Olney, Indianapolis, Ind.
Premier Packing Co., canned goods, San Diego, Cal.
Premo Process Co., eyelet machs., New Brunswick, N. J.
Premier Rubber & Insulation Co., Dayton, Ohio.
Premier Snap Fastener Co., 182 Grand, New York.
Premier Special Mach. Corp., 421 Canal, New York.
Premier Spring Bed Co., 218 Utah, San Francisco, Cal.
Prendergast Bros., furnaces, 20 E. 6th, St. Paul, Minn.
Prendergast-Clark Constr. Co., 915 Olive, St. Louis, Mo.
Prendergast Co., masons' & bldrs.' matls., Marion, Ohio.
Prendergast, Geo. G., Constr. Co., 721 Olive, St. Louis, Mo.
Prendergast, T. J., contractor, 118 N. La Salle, Chicago, Ill.
Prentice, F. W., & Co., snow shovels, Adrian, Mich.
Prentice, L. H., Co., exhaust heads, heating apparatus, etc., 330 Sherman, Chicago, Ill.
Prentice Co., masons' & bldrs.' matls., Englewood, N. J.
Prentice, G. E., Mfg. Co., machy. guards, New Britain, Conn.
Prentice, Wm. H., contractor, 360 W. Central av, Toledo, Ohio.
Prentiss, Brooks & Co., masons' & bldrs.' matls., Holyoke, Mass.
Prentiss, G. W., & Co., wire, Holyoke, Mass.
Prentiss, Hy., & Co., Inc., machy. dealers, 149 B'way, New York. *See adv. index at end of book.*
Prentiss Vise Co., 110 Lafayette, New York.
Presbrey, A. A., & Son Co., packing box mfrs., Summer, Providence, R. I.
Presbrey-Coykendall Co., granite, Barre, Vt.
Presbrey, E. H., Co., auto. wheel pullers, 50 Broad, New York.
Presbrey-Field Co., mill & facty. supplies, Taunton, Mass.
Presbrey Stove Lining Co., masons' & bldrs.' matls., Taunton, Mass.
Prescott Co., machsts. & fndrs., Menominee, Mich.
Prescott, F. H., Co., gloves, canvas, Auburn, N. H.
Prescott, Frank R., barrows, Meredith, N. H.
Prescott, Fred M., Steam Pump Co., 115 B'way, New York.
Prescott, H. S., printing inks, 571 Atlantic av, Boston, Mass.
Prescott Iron Works, Prescott, Ariz.
Prescott, J. B., & Son, machsts. & fndrs., Webster, Mass.
Prescott, J. L., Co., stove & shoe polishes, 92 W. B'way, New York.
Prescott, Sam'l J., & Co., contractors, 814 13th, N. W., Washington, D. C.
Prescott & Sidebottom, architects, 12 Pearl, Boston, Mass.
Preservaline Mfg. Co., boiler compounds, 854 Lorimer, Brooklyn, N. Y.
Preservative Products Co., waterproof'g materials, 1133 B'way, New York.
Preservo Polish Co., shoe blacking, Kansas City, Mo.
Press', Jacob, Sons, auto. wood bodies, 300 N. Halsted, Chicago, Ill.
Press Sign Co. of St. Louis, Mo., advtg. signs, 202-04 S. 17th, St. Louis, Mo.
Press, Wells H., Co., machsts., Streator, Ill.
Press, Whiting G., Co., lbr. mfrs., Eureka, Cal.
Pressed Aluminum Co., metal hot water bottles, 3 Cypress, Worcester, Mass.
Pressed Metal Radiator Co., transformer cooling radiators, tubing steel, Pittsburgh, Pa.
Pressed Prism Plate Glass Co., sign letters, 25 N. Dearborn, Chicago, Ill.
Pressed Prism Plate Glass Co., Morgantown, W. Va.
Pressed Steel Car Co., machsts. & fndrs., 307 5th av, Pittsburgh, Pa.
Pressed Steel Co., fndry. vibrators, Muskegon, Mich.
Pressed Steel Co., metal stamping & dies, Wilkes-Barre, Pa.
Pressed Steel Mfg. Co., machsts., Land Title Bldg., Phila., Pa.
Pressed Steel Products Co., steel barrels & drums, Sharon, Pa.
Pressed Steel Tank Co., car bells, Greenfield av, Milwaukee, Wis.
Pressed Steel Truck Co., 844 Penna av, Pittsburgh, Pa.
Pressing, W. C., canned goods, Norwalk, Ohio.
Pressprich & Son Co., bar & pig tin, 96 Wall, New York.
Pressure Proof Piston Ring Co., Boston, Mass.
Prest Htg. & Fdry. Co., Kansas City, Mo.
Prest Mach. Wks. Co., Okla., Okla.
Presteel Co., toy phones, wheelbarrows, etc., Grafton, Ohio.
Presto Elec. Co., cooking app., 51 2nd, San Francisco, Cal.
Presto Electrical Mfg. Co., 323 Geary, San Francisco, Cal.
Presto Inner Rim Co., 320 Newberry, Boston, Mass.
Prest-o-Lite Co., Inc., Crawfordsville rd, Indianapolis, Ind.
Presto Machine Works, gauges, tools, spec. machy., etc., 124 Pearl, Brooklyn, N. Y.
Presto-Phone Parts Corp., 124 Pearl, Brooklyn, N. Y.
Preston, A. B., lbr., Sharon, Vt.
Preston Bluestone Co., Rowlesburg, W. Va.
Preston Bros., mill & facty. supplies—whol. hdwe., Norwich, Conn.
Preston, Brown & Walker, archts., David Whitney Bldg., Detroit, Mich.
Preston, Burton, & Co., granite producers, Mansfield, Ohio.
Preston Canning Co., Preston, Md.
Preston, Harry T., canned goods, Middletown, Del.
Preston, J. M., Co., silos, Lansing, Mich.
Preston Mill Co., lumber, Preston, & Seattle, Wash.
Preston Milling Co., flour, Preston, Idaho.
Preston, Robt. K., Co., mica, 53 W. Jackson, Chicago, Ill.
Preston-Shaffer Milling Co., flour, Waitsburg, Wash.
Preston-Small Constr. Co., Macon, Ga.
Preston, W. A., lumber, Benton Harbor, Mich.
Preston, W. T. & A., canned goods, Aberdeen, Md.
Pretlou & Co., fertilizer mfrs., Franklin, Va.
Prettyman, G. H., canned goods, Milford, Del.
Prettyman, Harry D., masons' & bldrs.' matls.—contr., 2603 S. Broad, Philadelphia, Pa.
Prettyman, J. F., & Sons, lbr., Summerville, S. C.
Prettyman, Jacob H., archt., Cleburne Junct., Ft. Worth, Tex.
Pretzinger, Albert, & E. P. Musselman, archts., Reibold Bldg., Dayton, Ohio.
Preuss, B. J., Co., wire mattresses, 288 38th, Milwaukee, Wis.
Preusser, Jno., cornices & skylights, 302 W. 122d, New York.
Preuter, Louis, lumber, Baileys Harbor, Wis.
Prew, Jno. J., common brick, Holyoke, Mass.
Pribnow Swage & Tool Works, Mellen, Wis.
Price, A. C., architect, Bartow, Fla.
Price, A. D., Co., contractors, Houston, Tex.
Price, A. J., & Son, flour, Glen Rose, Tex.
Price, Bem., architect, Empire Bldg., Birmingham, Ala.
Price-Bond Varnish Wks., Plainfield, N. J.
Price-Booker Mfg. Co., canned goods, Houston Heights, Tex.
Price Bros., machsts., Renfrew, Pa.
Price-Campbell Cotton Picker Corp., machy., 15 Wall, New York.
Price Concrete Construction Co., 225 St. Paul, Baltimore, Md.
Price, Corcoran, Pfister Co., machsts., Los Angeles, Cal.
Price, D. E., & Son, canned goods, Darlington, Md.
Price Elec. Co., pyrometers, 12369 Euclid av, Cleveland, Ohio.
Price Elec. Devices Corp., auto starters, Waynesboro, Va.
Price-Evans Foundry Co., cast iron washers, Chattanooga, Tenn.
Price Fire & Water Proofing Co., Poughkeepsie, N. Y.
Price, G. W., Pump & Engine Co., 33 Stevenson, San Fran., Cal.
Price, H. Brooks, architects, 105 W. 40th, New York.
Price Hardware Co., Pulaski, Va.
Price, H. M., Hardware Co., Mobile, Ala.
Price, Harry M., architect, Mer. Library Bldg., Cincinnati, Ohio.
Price & Heald, lumber mfrs., Marriott & Decatur, Balto., Md.
Price & Howarth, lbr. mfrs., Scranton, Pa.
Price, Hugh A., architect, 175 N. Jackson blvd, Chicago, Ill.
Price, J. L., Co., masons' & bldrs.' matls., Marion, Ohio.
Price, J. McD., lumber mfrs., Knickerbocker Bldg., Balto., Md.
Price, James, architect, Holland, Mich.
Price, Lewis M., fertilizer mfr., Symrna, Del.
Price Lbr. & Mfg. Co., masons' & bldrs.' matls., Fremont, Ohio.
Price & McLanahan, architects, 1418 Walnut, Philadelphia, Pa.
Price, R. A., contractor, 606 Washington, Reading, Pa.
Price & Rosenburg, contrs., Plymouth, Ind.
Price & Teeple Piano Co., 218 S. Wabash av, Chicago, Ill.
Price, Thomas H., contractor, 201 Sansome, San Francisco, Cal.
Price, T. W., Engraving Co., 233 B'way, New York.
Price, Vernon J., & Co., architects, Palladio Bldg., Duluth, Minn.
Price, Walter F., architect, 314 Walnut, Philadelphia, Pa.
Price & Welker, heating contrs., 328 Champlain av, Clevel'd, O.
Price, W. R., Inc., educational equip., 127 5th av, New York.
Prichard, C. W., Co., Inc., 50 Church, New York.
Prichard & Sons, carriages, Ithaca, N. Y.
Prichard Supply Co., oil & gas well, Mannington, W. Va.
Prichett, Wm. C., architect, 416 Walnut, Philadelphia, Pa.
Prickett, Walter S., lumber mfrs., Sidnaw, Mich.
Pride Bros. Co., canned goods, Bellingham, Wash.
Pride, C. B., paper & pulp mill architect, Realty Bldg., Spokane, Wash.
Pride of the Kitchen Co., metal polish, soap & powders, 390 Smith, Brooklyn, N. Y.
Pride, Willis A., classic wood carvers, 43 Bristol, Boston, Mass.
Pridham, R. W., Co., paper folding cartons, 903 N. Main, Los Angeles, Cal.
Pridmore, Hy. E., foundry molding machy., 1901 S. Rockwell, Chicago, Ill.
Pridmore, John E. O., architect, 38 S. Dearborn, Chicago, Ill.
Priebe, Mrs. D., flour mills, Jenifer, Ala.
Prier Brass Mfg. Co., machsts. & fndrs. & vent fittings, Kansas City, Mo.
Priest, A. T., architect, 326 W. 3d, Los Angeles, Cal.
Priest, C. A., Lbr. Co., Fitchburg, Mass.
Priest, J. W., masons' & bldrs.' matls., Topeka, Ind.
Priestley Hardware Co., Princeton, Ill.
Priestman, Albert, airlocks, nozzles, pumps, etc., 328 Chestnut, Philadelphia, Pa.
Priggen, Geo. H., Co., port. fireproof garages, 318 Dover, Boston, Mass.
Prime & Cook Petroleum Co., jobbers, 208 S. La Salle, Chicago, Ill.
Prime Steel Co., 670 Kinnickinnis av, Milwaukee, Wis.
Prime Western Spelter Co., Gas, Kans.
Primos Chemical Co., Primos, Pa.
Prince Edward Canning Co., Buchanan, Va.
Prince Elev. Co., 231 W. Grand av, Chicago, Ill.
Prince, H. G., & Co., preserved fruits, East Oakland, Cal.
Prince, Jas. H., Paint Co., paint mfrs., 5 Lancaster, Boston, Mass.
Prince, L. M., Co., architects', engrs.' & surveying instruments, 108 W. 4th, Cincinnati, Ohio.
Prince Mfg. Co., roofing paints, 165 B'way, New York.
Prince, W. J., & Son, masons' & bldrs.' matls., Hurleyville, N. Y.
Prince, W. O., weather strips, 26 Edinboro, Boston, Mass.

Prince's Metallic Paint Co. Allentown, Pa.
Princess Furnace Co., blast, Glen Wilton, Va.
Princess Mfg. Co., wash machine, etc., 433 E. Pearl, Cincinnati, Ohio.
Princess Motor Car Co., 348 Clay av, Detroit, Mich.
Princeton Brick Co., Brickton, Minn.
Princeton Canning Co., Brownsburg, Ind.
Princeton Mfg. Co., rope, Athens, Ga.
Princeton Milling Co., flour, Princeton, Ind.
Princeton Sealing Wax Co., Princeton, Ill.
Princeton Sheet Metal Co., road culverts, Princeton, Ind.
Princeton Univ., engng. school & coll., Princeton, N. J.
Prindeville, Chas. H., architect, 64 E. Van Buren, Chicago, Ill.
Prindiville, J. J., Co., contractors, Framingham, Mass.
Pringle & Brodie, machsts., 514 S. Canal, Chicago, Ill.
Pringle, Dunn & Co., contractors, 338 Pine, San Francisco, Cal.
Pringle Electrical Mfg. Co., 1906 N. 6th, Philadelphia, Pa.
Pringle, Thomas, architect, 514 Smithfield, Pittsburgh, Pa.
Pringle, Thos. G., machsts. & fndrs., Clay, Brooklyn, N. Y.
Pringle Turpentine Cup Co. Biloxi, Miss.
Printers' Chase & Mach. Wks., 159 N. Jefferson, Chicago, Ill.
Print'g, trade publication, 38 Park row, New York.
Print'g Machy. Co., 3rd lock, Cincinnati, Ohio.
Printz Degreasing Co., 1001 Chestnut, Philadelphia, Pa.
Prinz, Geo. B., architect, Omaha Nat. Bk. Bldg., Omaha, Neb.
Prinz & Rau Mfg. Co., brewers' machy. & supplies, etc., 659 E. Water, Milwaukee, Wis.
Printz & Sevison, Stoves, Pottstown, Pa.
Prior, H. G., Inc., pasting machs., 665 Broad, Newark, N. J.
Prisk, Wm. M., & Sons Mfg. Co., coffee percolators, britannia ware & casseroles, Yalesville, Conn.
Prichard, Edward H., architect, 52 Chauncey, Boston, Mass.
Pritchard Bros. Co., htg. contrs., Memphis, Tenn.
Pritchard, E., canned goods, Bridgeton, N. J.
Pritchard Rice Milling Co., Houston, Tex.
Pritchard Stamping Co., tinware, etc., Rochester, N. Y.
Pritchard, T. G., Co., starch mfrs., 108 Grant, Baltimore, Md.
Pritchard, W. N., & I. W., flour, Chapel Hill, N. C.
Pritchett & Henderson, architects, Danville, Va.
Pritchett, Milton C., architect, Bedford, Ind.
Priteca, B. M., architect, Pantages Bldg., Seattle, Wash.
Pritz, Miss Bessie, architect, 110 21st av, S., Nashville, Tenn.
Pritzlaff, John, Hardware Co., 51 W. Water, Milwaukee, Wis.
Pritzlaff, W. G., Co., cornices & skylights, Watertown, Wis.
Prizer-Painter Stove Co., stove & range mfrs., Reading, Pa.
P. R. Mfg. Co., elec. bells, push buttons, etc., Detroit, Mich.
Probeck, P. J., Co., machy., 2339 E. 4th, Cleveland, Ohio.
Probst, C. F., Mfg. Co., furnishing balls & rivets mfrs., Waterbury, Conn.
Probst, Edw., architect, Railway Exchange Bldg., Chicago, Ill.
Process Engng. Co., Stephen Girard Bldg., Philadelphia, Pa.
Prochazka, Ferdinand, architect, 1 Madison av, New York.
Prochaska, J., & Co., pearl buttons, 277 Broome, Newark, N. J.
Procter & Bowie Co., brick, Waterville, Me.
Proctor, Benjamin, Jr., architect, 67 Milk, Boston, Mass.
Proctor, E. O., Co., mill & facty. supplies, Ayer, Mass.
Proctor & Gamble Co., soap, oils, etc., Gwynne Bldg., Cincinnati, Ohio.
Proctor, J. C., Lbr. Co., Peoria, Ill.
Proctor, John R., & Co., contrs., Old South Bldg., Boston, Mass.
Proctor Mfg. Co., lumber mfrs., Ogdensburg, N. Y.
Proctor, S., Engine Co., hardware mill facty. & electrical supps., 158 State, Boston, Mass.
Procunier, William L., tapping attachments, 547 W. Washington, Chicago, Ill.
Producers Coke Co., Uniontown, Pa.
Producers' Cotton Oil Co., Yazoo City, Miss.
Producers' Material Co., crushed stone & stone screenings, 29 S. La Salle, Chicago, Ill.
Producers Mica Co., 225 E. 22d, Chicago, Ill.
Producers & Refiners Oil Co., petroleum & its products, 248 4th av, Pittsburgh, Pa.
Producers Refining Co., lubricating oils & greases, 156 N. La Salle, Chicago, Ill.
Producers Refining Co., petroleum, Gainesville, Tex.
Producers Supply Co., oil well, Franklin, Pa.
Producers Supply & Tool Co., Marietta, Ohio.
Producers Torpedo Co., Marietta, Ohio.
Producers' Turpentine Co., Elizabeth, La.
Product Sales Co., clays, minerals, etc., Baltimore, Md.
Production Engr. Co., fuel oil burners, jib cranes & air regulating valves, 1716 Spring Garden, Philadelphia, Pa.
Products Development Co., fire clay, Sharon Bldg, San Francisco, Cal.
Proffitt, L. D., architect, Spartanburg, S. C.
Profile Oil & Fertilizer Co., Jacksonville, Ala.
Progress Button Co., 619 Filbert, Philadelphia, Pa.
Progress Furnace Co., Springfield, Ohio.
Progress Mach. Wks., 512 N. La Salle av, Chicago, Ill.
Progress Mfg. Co., canvas gloves, Racine, Wis.
Progress Press Brick & Mach. Co., King's Highway, nr. Arsenal, St. Louis, Mo.
§Progressive Building Co., contractors, 738 Grand, Bridgeport, Conn.
Progressive Canning Co., Elba, Wis.
Progressive Fdry. Co., Rochester, N. Y.
Progressive Glue Co., 185 Wooster, New York.
Progressive Fdry. & Mfg. Co., Racine, Wis.
Progressive Incubator Co., Racine, Wis.
Progressive Iron Fdry & Machine Co., water filters, pipe & pressure strainers, Haydenville, Mass.
Progressive Knitt'g Wks., sweaters, cardigans, etc., 422 S. 5th, Brooklyn, N. Y.
Progressive Mfg. Co., mach. screws, rivets to order and specialties, Torrington, Conn.
Progressive Mercantile & Mfg. Co., machsts. & fndrs., Pana, Ill.
Progressive Metal & Refining Co., 432 Barclay, Wilwaukee, Wis.
Progressive Paper Products Co., 238 4th av, Pittsburgh, Pa.
Progressive Realty Co., stone producers, Souderton, Pa.
Progressive Shoe Machinery Co., 3132 Snelling av, Minneapolis, Minn.
Progressive Structural Steel Co., Builders Exch., Buffalo, N. Y.
Progressive Wire Goods Co., 13th & Hamilton, Philadelphia, Pa.
Prometheus Elec. Co., heataing specialties, 511 W. 42nd, New York.
Propp, M., Co., dec. elec. lighting, 108 Bowery, New York.
Propst Lumber Co., Paris, Ill.
Proskauer, Adolph, architect, 105 N. Clark, Chicagao, Ill.
Prosnitz, Chas., fringes, 124 W. 24th, New York.
Prospect Boiler Co., heaters, New Brunswick, N. J.
Prospect Canning Co., Bedford, Va.
Prospect Coal & Coke Co., Searights, Pa.
Prospect Mfg. Co., chemical fire engines, Prospect, Ohio.
Prospect Planing Mill Co., sashes, doors & blinds, Bayonne, N. J.
Prospect Sash Door Co., 137 Palisade av, Jersey City, N. J.
Prosper Canning Co., Prosper, Ore.
Prosser, Thos. D., Co., forging billets, Wheeling, W. Va.
Prosser, Thos., & Son, steel importers, 15 Gold, New York.
Prosser, Wm., & Son, lumber mfrs., Fall River, Mass.
Prossner, S., & Sons, stone producers, Rome, N. Y.
Protected Rail Bond Co., 17th & Cambria, Philadelphia, Pa.
Protective Electrical Supply Co., Ft. Wayne, Ind.
Protective Signal Mfg. Co., Denver, Colo.
Protective Ventilator & Screen Corp., 332 E. 23d, New York.
Protects Safety Appliance Co., ammonia helmets, 52 Columbia, Newark, N. J.
Protectus Paint Co., North American Bldg., Philadelphia, Pa.
Prothero, Bailey & Goodwin, whol. hdwe., Dubois, Pa.
Proudfit Loose Leaf Co., loose leaf devices, 12 Prescott, S. W., Grand Rapids, Mich.
Proudfoot, Frank G., contractor, 127 N. Dearborn, Chicago, Ill.
Proudfoot, Wm. T., architect, Hubbell Bldg., Des Moines, Iowa.
Proulx, Jos. B., brick, Epping, N. H.
Prout Bros., granite, S. Quincy, Quincy, Mass.
Prouty-Bowler Soap Co., Des Moines, Iowa.
Prouty, C., & Co., hdwe. mfrs., tools, etc., Eldred, Pa.
Prouty & Glass Carriage Co., bodies, Wayne, Mich.
Providence Arch'l Metal Wks., 237 Dyer, Providence, R. I.
Providence Art Metal Co., 137 Clifford, Providence, R. I.
Providence Base Wks. of General Elec. Co., Atwelle av, Providence, R. I.
Providence Box & Lbr. Co., 1102 Cranston, Providence, R. I.
Providence Brass & Aluminum Fndry., 460 Eddy, Providence, R. I.
Providence Brick Co., Madisonville, Ky.
Providence Building Co., Grosvenor Bldg., Providence, R. I.
Providence Coppersmithing Co., 58 Point, Providence, R. I.
Providence Cornice Co., 311 Canal, Providence, R. I.
Providence Dry Dock & Marine Ry. Co., E. Providence, R. I.
Providence Drysalters Co., paste, East Greenwich, R. I.
Providence Elec. Blue Printing Co., 86 Weybosset, Providence, R. I.
Providence Elec. Mfg. Co., 23 Broad, Providence, R. I.
Providence Electrotyping & Plating Wks., 78 Friendship, Providence, R. I.
Providence Enamel Co., 456 Fountain, Providence, R. I.
Providence Engng. Corporation, marine engines & equipment, mfrs., 521 S. Main, Providence, R. I.
Providence Gas & Elec. Fixture Co., 9 Fenner, Providence, R. I.
Providence Granite Co., 125 Harris av, Providence, R. I.
Providence Mfg. & Tool Co., jigs, fixtures, gauges, etc., 17 Warren, Providence, R. I.
Providence Metal Spinning Co., 185 Eddy, Providence, R. I.
Providence Mill Supply Co., 68 W. Exchange, Providence, R. I.
Providence Oil Co., metal polish, 10 Dorrance Wharf, Providence, R. I.
Providence Ornamental Iron Wks., 72 Dudley, Providence, R. I.
Providence Plumbing Supply Co., 241 W. Exchange, Providence, R. I.
Providence Sash & Blind Co., 309 Dean, Providence, R. I.
Providence Sizing Co., mill soaps, cotton softeners, paste, etc., Cranston, R. I.
Providence Steam Trap Co., 16 Diamond, Providence, R. I.
Providence Steel & Iron Co., Kinsley av, Providence, R. I.
Providence Trunk Co., 457 Westminster, Providence, R. I.
Provident Chemical Works, St. Louis, Mo.
Provident Engng. Co., machy. dlrs., Philadelphia, Pa.
Provident Lumber Co., Water & Dickinson, Philadelphia, Pa.
Provident Slate Co., roofing slate mfrs., Slatington, Pa.
Provo Fdry. & Mach. Co., Provo City, Ptah.
Provo Meat & Packing Co., Provo, Utah.
Provo Pressed Brick Co., Provo, Utah.
Provost, C. M., carriages, Bridgeport, Conn.

Provost Engng. Corp., machy., filter presses, pumps, clothes plates, 220 B'way, New York.
Provost, F. T., & Co., contractors, Manchester, N. H.
Provost, George, architect, 104 W. 42d, New York.
Provost, Napoleon L., contractor, Hartford, Conn.
Provost & Son, granite, West Berlin, Vt.
Provost, Wilfred E., architect, Manchester, N. H.
Provost, Wm., Jr., contractor, Chester, Pa.
Prox & Burget Co., brass castings, steam htg. contrs., Terre Haute, Ind.
Prox, Frank, Co., coal mining mach., Terre Haute, Ind.
Proximity Mfg. Co., denims, Greensboro, N. C.
Prucell & Elmslie, architects, People Gas Bldg., Chicago, Ill.
Prudden Wheel Co., Lansing, Mich.
Pruden, C. D., Co., portable bldgs., Baltimore, Md.
Pruden, W. E., Hardware Co., 864 8th av, New York.
Prudential Heating Co., Akron, Ohio.
Prudential Nursery & Landscape Co., landscape arch., Dime Bank Bldg., Detroit, Mich.
Prudential Oil Co., Inc., jobbers, 17 Battery pl, New York.
Prue, Frank J., knitted gloves & mittens, spindles, Woonsocket, R. I.
Prueter, Louis, lumber, Baileys Harbor, Wis.
Pruett, Chas., architect, Hardin, Mont.
Pruett-Schaffer Chemical Co., paints & varnishes, Pittsburgh, Pa.
Pruissel, F. W., acetyline gas generators, Mt. Clemens, Mich.
Pruitt-Barrett Hardware Co., Gainesville, Ga.
Pruitt, Edw. E., architect, Hartman Bldg., Columbus, Ohio.
Pruitt & Moore, contractors, 7541 N. Ashland av, Chicago, Ill.
Prusia Hardware Co., Fort Dodge, Ia.
Prutzman, M. G., architect, Mauch Chunk, Pa.
Pruyn, Wm. H., Jr., architect, 122 S. Michigan av, Chicago, Ill.
Pryibil, P., Machine Co., wood-working machines, etc., 520 W. 41st, New York.
Pryor, James & Son, sash, door & blind, Houghton, Mich.
Pryor, Jas. T., mach. & fndr., Rusk, Tex.
Pryor, R. T., architect, 52 Vand av, New York.
Pryor, Robert L., architect, 859 Broad, Newark, N. J.
Public Service Constr. Co., 30 Broad, New York, and Krug Bldg., Omaha, Neb.
Public Service Cup Co., paper cups, 168 39th, Brooklyn, N. Y.
Puck, Anthony, architect, Torrey Bldg., Duluth, Minn.
Puck, H. E., architect, Hibbing, Minn.
Puckey, Francis W., architect, 6 N. Michigan av, Chicago, Ill.
Puddicombe, H., & Co., glass mosaic wks., New Haven, Conn.
Puderbaugh, D. Geo., architect, Altoona, Pa.
Pudrith, A. F., Co., cornices, 301 Fort, E. Detroit, Mich.
Pudrith & Candler, cornices, 76 Bush, Detroit, Mich.
Pueblo Brass & Iron Fndry., Pueblo, Colo.
Pueblo Bridge Co., Pueblo, Colo.
Pueblo Carriage Co., Pueblo, Colo.
Pueblo Fndry. & Mach. Co., Pueblo, Colo.
Puente Oil Co., petroleum, Chino, Cal.
Pneumatic Concrete Macahy. Co., 2 Rector, New York.
Puffer, H. C., Co., masons' & bldrs.' matls., Springfield, Mass.
Puffer, Harry, architect, Battle Creek, Mich.
Puffer-Hubbard Mfg. Co., barrows, 32d av, S., & 26th, Minneapolis, Minn.
Puffer Mfg. Co., soda water fountains, 51 Portland, Boston, Mass.
Puffer, W. E. & Sons, furnace regulators, 234 Walter, New York.
Pugell, John, contractor, 207 Loepere, Buffalo, N. Y.
Puget Mill Co., lumber & ties, San Francisco, Cal.
Puget Sound Art Glass Co., stainers, Seattle, Wash.
Puget Sound Boiler Works, marine, Seattle, Wash.
Puget Sound Bridge & Dredging Co., ship bldrs., Seattle, Wash.
Puget Sound Flouring Mills Co., Tacoma, Wash.
Puget Sound Iron & Steel Wks., tubular boilers, Tacoma, Wash.
Puget Sound Lumber Co., Tacoma, Wash.
Puget Sound Machinery Depot, 318 1st av, S., Seattle, Wash.
Puget Sound Metal Wks., babbitt, Tacoma, Wash.
Puget Sound Mills & Timber Co., lumber, Port Angeles, Wash.
Puget Sound Sheet Metal Wks., cornices & skylight, Seattle, Wash.
Puget Sound Tent & Duck Co., contrs., Seattle, Wash.
Puget Sound Wood Preserving Co., creosoting works, Lowell, Wash.
Puget Stove & Range Co., Seattle, Wash.
Puget, Wm., contractor, Streator, Ill.
Pugh, Andrew G., contractor, Commerce Bldg., Columbus, Ohio.
Pugh Fndry. Co., 19 W. Levee, Kansas City, Mo.
Pugh, Job T., auger bit mfrs., Philadelphia, Pa.
Pugh Mfg. Co., agricultural implements, Topeka, Kan.
Pugh & Rundlett, contractors, Ashland, Wis.
Pulaski Foundry & Mfg. Co., blast furnaces, Pulaski, Va.
Pulaski Iron Co., blast furnaces, Real Estate Trust Bldg., Philadelphia, Pa.
Pulaski Lbr. Co., 1833 N. Robey, Chicago, Ill.
Pulaski Mach. Co., Pulaski, Tenn.
Pulaski Mill, flour, Pulaski, Va.
Pulaski Roller Mills, flour, Pulaski, Tenn.
Pulaski Stone Co., Little Rock, Ark.
Puleston & McDougall, contractors, Fall River, Mass.
Pulfer, L. E., cornices & skylights, 1222 W. 25th, Los Angeles, Cal.
Pulfiey, C. F., common brick, St. Johns, Mich.
Pulford, Dempsey Constr. Co., Elmira, N. Y.
Pukards, Mather & Co., blast furnaces, Western Reserve Bldg., Cleveland, O.
Pull Easy Mfg. Co., garden cultivators, Waukesha, Wis.
Pull-U-Out Sales Co., tackle blocks, 2018 Market, St. Louis, Mo.
Pullau Steel Spring Co., Mount Clemens, Mich.
Pullen, Leon W., Co., batteries, 618 Chestnut, Philadelphia, Pa.
Pulley Facing Co., 249 N. 11th, Philadelphia, Pa.
Pullman Automatic Ventilator Mfg. Co., York, Pa.
Pullman Co., car bldrs., Pullman Bldg., Chicago, Ill.
Pullman Mfg. Co., hardware specialties, Rochester, N. Y.
Pullman Metal Weather Strip Co., weather strips, York, Pa.
Pullman Motor Car Co., York, Pa.
Pullman & Stevens, pig iron dlrs., Penna. Bldg., Phila., Pa.
Pulp Wood Co., paper & pulp mills, Appleton, Wis.
Pulse & Porter, masons' & bldrs.' matls.—contr., Greensburg, Ind.
Pulsifer, Kingston Co., linoleum cements, 19 Eliot, Boston, Mass.
Pulsometer Steam Pump Co., 220 W. 42d, New York.
Pultz, Wm., fndr., Wauseon, Ohio.
Punchard, W. H., landscape arch., 284 Dart, Boston, Mass.
Puntenney Lime Co., lime mfrs., Los Angeles, Cal.
Punxsutawney Brick Co., Punxsutawney, Pa.
Punxsutawney Drilling & Contracting Co., Punxsutawney, Pa.
Punxsutawney Fndry. & Machine Co., Punxsutawney, Pa.
Punxsutawney Hdwe. Co., whol. hrdwe., Punxsutawney, Pa.
Punxsutawney Lumber & Supply Co., Punxsutawney, Pa.
Purcell Box Corp., mill & facty. supp., Hartford, Conn.
Purcell Bros., contractors, 3226 Ogden av, Chicago, Ill.
Purcell & Elmslie, architect, N. W. Nat'l Life Bldg., Minneapolis, Minn.
Purcell & Gilfeather, contractors, 525 W. 29th, New York.
Purcell, Wm. R., architect, Ludlow, Ky.
Purcell, Wm. Gray, architect, 414 N. 3d, Phila., Pa.
Purchasing Agent Co., trade publications, 317 Main, Springfield, Mass.
Purdon, James, architect, 8 Beacon, Boston, Mass.
Purdue Univ., engng. schools & coll., Lafayette, Ind.
Purdy, A. R., Co., steel products, 125 Christopher, New York.
Purdy, Chester, machsts., Ghent, Ohio.
Purdy, D. C., & Sons, cornices & skylights, Highland Park, Ill.
Purdy, F. A., granite prod., Hardwick, Vt.
Purdy, Frank M., masons' & bldrs.' matls, Plattsburg, N. Y.
Purdy & Henderson, architect'l & struct'l engng., 45 E. 17th, New York.
Purdy, Raymond Jones, architect, 167 76th, Brooklyn, N. Y.
Purdy, W. S., architect, 320 5th av, New York.
Purdy, W. W., architect, McKnight Bldg., Minneapolis, Minn.
Purdy, Wm. Co., bldg. contr., Waltham, Mass.
Pure Carbon Co., carbon brushes, Wellsville, N. Y.
Pure Carbonic Co., 2008 S. Canal, Chicago, Ill.
Pure Clay Brick & Tile Co., 103 Main, San Francisco, Cal.
Pure Food Canning Co., Erie, Pa.
Pure Food Fish Co., canned, Ketchikan, Alaska.
Pure Gluten Food Co., 90 W. Broadway, New York.
Purington, Andrew B., machsts., Bangor, Me.
Purington, O. D., & Co., gen. bldg. contrs., Ind. Trust Bldg., Providence, R. I.
Purington Paving Brick Co., Galesburg, Ill.
Purinton Bros. Co., contractors, Augusta, Me.
Purinton, Horace, Co., brick—contr., Waterville, Me.
Purinton & Smith Co., machy. dlrs., 31-41 Edwards, Hartford, Conn.
Puritan Bed Spring Co., 1002 Kentucky av, Indianapolis, Ind.
Puritan Brick Co., Hamden, Ohio.
Puritan Brick & Tile Co., Farewell bldg., Detroit, Mich.
Puritan Cement Stone Co., artificial bldg. stone, 164 Federal, Boston, Mass.
Puritan Comb Co., Leominster, Mass.
Puritan Cordage Mills, Louisville, Ky.
Puritan Counter Co., Brockton, Mass.
Puritan Iron Wks., 110 Portland, Boston, Mass.
Puritan Knitting Mills, sweaters, cardigans, etc., Juniper & Vine, Phila., Pa., & 34 Orchard, New York.
Puritan Machine Co. (Ltd.), machsts., Lafayette & 10th, Detroit, Mich.
Puritan Mfg. Co., machsts. & fndrs., 121 Beach, Boston, Mass.
Puritan Oil Co., 1244 W. 70th, Cleveland, Ohio.
Puritan Soap Co., 496 Exchange, Rochester, N. Y.
Purity Dist. Co., Cambridge, Mass.
Purity Fertilizer Co., Greenville, Ala.
Purity Milling Co., flour, Manhattan, Kan.
Purity Oats Co., Keokuk, Ia.
Purity Soap Co., 100 Humboldt av N., Minneapolis, Minn.
Purity Specialties Co., paper cups, Denckla Bldg., Phila., Pa.
Purnell, A., contractor, 507 Jarvella, Pittsburgh, Pa.
Purnell Art Co., cornices, 309 N. Charles, Baltimore, Md.
Puro Sanitary Drinking Fountain Co., faucets & drinking fountains, Haydenville, Mass.
Purolene Disinfecting Co., 956 S. B'way, Los Angeles, Cal.
Purple, A. E., cordage & twine mfrs., Moodus, Conn.
Pursel & Standley, carriages, Denver, Colo.
Purssell, Geo. G., architect, 140 S. Dearborn, Chicago, Ill.
Purves, Adam, contractor, Hartford, Conn.
Purves Machy. & Iron Co., scrap iron, South & Water, Phila., Pa.

Purvis, Geo. H., architect, Northern Bk. Bldg., Seattle, Wash.
Purvis & Shelton, steam & hot water htg. contr. & machsts. supplies, 241 Plymouth, Brooklyn, N. Y.
Pusey, Ernest J., & Sons, canned goods, Venton, Md.
Pusey, Holland Co., canned goods, Princess Anne, Md.
Pusey & Jones, shipbuilders' machinery, mfg. & supplies, etc., Wilmington, Del.; Pennsylvania & New Jersey yards, Gloucester, N. J.
Pushee, Jno. C., & Sons, paint brushes, 3 Randolph, Boston, Mass.
Puster Belting & Pulley Co., 523 W. Van Buren, Chicago. Ill.
Putnam & Chandler, archieects, 18 Arlington, Boston, Mass.
Putnam & Co., rolling ladders, 32 Howard, New York.
Putnam & Cox, architects, 114 State, Boston, Mass.
Putnam Die Co., machsts., 911 N. Market, St. Louis, Mo.
Putnam, E. M., corn feed, buckwheat flour, Columbus, Pa.
Putnam, Elliot T., architect, 18 Arlington, Boston, Mass.
Putnam Fertilizer Works, Eatonton, Ga.
Putnam Foundry & Machine Co., heating contrs., Putnam, Conn.
Putnam, H. E., masons' & bldrs.' matls., Hartford, Conn.
Putnam Machine Co., lathes & planing machines, Fitchburg, Mass.
Putnam Mfg. Co., floor scrapers, Davenport, Ia.
Putnam Mfg. Co., cotton sheetings, Putnam, Conn.
Putnam Mills & Power Co., Eatonton, Ga.
Putnam, Moore & Brown, contractors, New Telegraph Bldg., Detroit, Mich.
Putnam, Wm. E., Jr., architect, Spooner Bldg., Chestnut Hill, Mass.
Putnam Veneer & Lumber Co., Roachdale, Ind.
Putnam, W. W., & Co., organs, Staunton, Va.
Putney, F. F., fertilizer mfrs., Putney, Ga.
Putney, Oliver C., granite producers, Woodstock, Md.
Puttmann, John J., lbr. mfrs., New Point, Ind.
Putzel, Jos., architect, 29 W. 34th, New York.
Puyallup & Sumner Fruit Growers' Assn., canned, Puyallup, Wash.
Pyle, Fred'k B., architect, Evans Bldg., Washington, D. C.
Pyle, J. F., & Son, canned goods, San Jose, Cal.
Pyle-National Elec. Headlight Co., 500 Throop, Chicago, Ill.
Pyle Pattern Wks., Muskegon, Mich.
Pyle & Stannard, contrs., 5 W. 7th, Wilmington, Del.
Pyle, Victor R., Co., masons' & bldrs.' matls., Market & D, Wilmington, Del.
Pyles, Julius E., contractor, 410 Dover, Baltimore, Md.
Pyles, Thos., stone producer, Cambridge Ohio.
Pynch, E. A., & Co., machsts., 311 3d av S, Minneapolis, Minn.
Pyne Co., mill & facty. supplies, 927 Rupp, Louisville, Ky.
Pyne, Thos., contractor, Yonkers, N. Y.
Pynetree Paper Co., 460 Pearl, New York.
Pynn & Cameron, show cases, Boston, Mass.
Pyott Co., power transmission machy., 1401 W North av, Chicago, Ill.
Pyott Foundry Co., pulleys (cast iron), 328 N. Sangamon, Chicago, Ill.
Pyramid Grate Bar Co., 30 E. 42d, New York.
Pyramid Paint Co., 133 N. 22d, Phila., Pa.
Pyramus Mfg. Co., portables, 340 Canal, New York.
Pyre Clay Products Co., Oak Hill, Ohio.
Pyrene Mfg. Co., fire extinguishers, 52 Vanderbilt av, New York.
Pyrolectris Instrument Co., pyrometers, Trenton, N. J.
Pyrolin Co., paints, Fort Dodge, Ia.
Pyrone Process Co., interior finish mfrs., 20 E. Gay, Columbus, Ohio.
Q. & C. Co., railroad equipt., 90 West, New York.
Qua Jam., packg. box mfrs., 341 W. B'way, New York.
Q. M. S. Co., car wheel & saw grinders & pneumatic hoists, 1761 Elston av, Chicago, Ill.
Quabaug Rubber Co., rubber goods mfrs., N. Brookfield, Mass.
Quackenboss, Leonard G., architect, 35 N. Dearborn, Chicago, Ill.
Quackenbush, H. M., air rifles, air rifle ammunition, nut cracks & picks, etc., Herkimer, N. Y.
Quackenbush, J. E., contractor, Webster City, Ia.
Quackenbush & Son, mill & facty. supplies, Paterson, N. J.
Quad Stove Mfg. Co., Columbus, Ohio.
Quaddy Playthings Mfg. Co., toys, dolls, etc., Kansas City, Mo.
Quadriga Mfg. & Specialty Co., screw mfrs. & screw machine products, etc., 213 W. Grand av, Chicago, Ill.
See adv index at end of book.
Quaile, Wm. B., stained glass substitutes, 405 Lexington av, New York.
Quaker City Brass Wks., elec. portables, 336 N. 3d, Phila., Pa.
Quaker City Cordage Co., 416 Walnut, Phila, Pa.
Quaker City Cut Glass Co., 60th & Baltimore av, Phila., Pa.
Quaker City Flour Mills Co., 3040 Market, Phila., Pa.
Quaker City Iron Wks., boilers, reamers, tanks, etc., Tioga & Edgemont, Phila., Pa.
Quaker City Pneu. Tool Co., Barre, Vt.
Quaker City Rubber Co., 629 Market, Phila., Pa.
Quaker City Sign Co., advtg., 1714 Sansom, Phila. Pa.
Quaker City Stained Glass Wks., 222 N. 4th, Phila., Pa.
Quaker City Stencil & Stamp Wks., 234 Arch, Phila, Pa.
Quaker City Supply Co., chemicals, lubg. oils, etc., Land Title Bldg., Phila., Pa.
Quaker City Sweater Mills, Broad & Wallace, Phila., Pa.
Quaker City Wall Paper Co., E. Thompson & E. Westmoreland, Phila., Pa.
Quaker Mfg. Co., furnaces, regulators, etc., 180 N. Dearborn, Chicago, Ill.
Quaker Oats Co., 80 E. Jackson blvd., Chicago, Ill.
Quaker Soap Co., metal polish, 207 Provost, Jersey City, N. J.
Quakertown Stove Works, Quakertown, Pa.
Qualey, J. R., & Co., Granite, S. Quincy, Quincy, Mass.
Qualey, J. S., contractor, 25 Pine, New York.
Qualfe, Ernst E., architect, 64 Harrison av, Jersey City, N. J.
Quality Die Co., steel letters & stamps, 1430 E. 64th, Chicago, Ill.
Quality Saw & Tool Works, Springfield, Mass.
Quality Stove & Range Co., Belleville, Ill.
Qualmann, Walter A., contractor, Saginaw, Mich.
Quam, H. J., htg. contr., 1709 E. Lake, Minneapolis, Minn.
Quam Pneumatic Cleaner Co., 243 Lake, Milwaukee, Mis.
Quarles, J. E., Co., sashes, doors & blinds, Ft. Worth, Tex.
Quarmby & Hilliker, shoe machy., Lynn, Mass.
Quasi Arc Weltrode Co., Inc., electric welding, etc., 109 Lafayette, New York.
Quasuis, Geo., contr., Sheboygan, Wis.
Quay Engng. Co., htg. contrs., 470 4th av, New York.
Quayle Bros. & Cressey, architects, Spreckels Bldg., San Diego, Cal.
Queal, J. H., & Co., lumber mfrs. & masons' & bldrs.' matls., Des Moines & Sioux City, Ia.
Queen Bee Stone Co., Tulsa, Okla.
Queen City Box Co., Wade, Flint & McLean, Cincinnati, Ohio.
Queen City Brass & Iron Works, valves, etc., Spring Grove av, Cincinnati, Ohio.
Queen City Brass Wks., Denver, Colo.
Queen City Brick Co., Builders' Exchange, Buffalo, N. Y., & Charlotte, N. C.
Queen City Brick & Tile Co., Cumberland, Md.
Queen City Engng. Co., machsts., 49 Illinois, Buffalo, N. Y.
Queen City Exhaust & Blow Pipe Co., cornices, 423 York, Cincinnati, Ohio.
Queen City Forging Co., Tennyson & Dumont, Columbia, Cincinnati, Ohio.
Queen City Fndry. Co., Denver, Colo., & Spring Grove av & Alabama, Cincinnati, Ohio.
Queen City Glass Wks., 118 W. 2d, Cincinnati, Ohio.
Queen City Iron Folding Bed Co., 26 W. 3d, Cincinnati, Ohio.
Queen City Iron & Wire Wks. Co., Denver, Colo.
Queen City Mach. Tool Co., 1405 Sycamore, Cincinnati, Ohio.
Queen City Marine Railway Co., Eastern av & Waldon, Cincinnati, Ohio.
Queen City Mattress Co., 946 Betts, Cincinnati, Ohio.
Queen City Paper Co., 515 Eggleston av, Cincinnati, Ohio.
Queen City Printing Ink Co., 1929 South, Cincinnati, Ohio.
Queen City Quarry Co., stone prod., East St. Louis, Ill.
Queen City Scale Co., 1628 John, Cincinnati, Ohio.
Queen City Silver Co., Fillmore & Richmond, Cincinnati, Ohio.
Queen City Supply Co., mill & facty. supplies, Pearl & Elm, Cincinnati, Ohio.
Queen City Varnish Co., Montgomery rd & Dana av, Cincinati, Ohio.
Queen City Watch Case Mfg. Co., Cincinnati, Ohio.
Queen & Co., pyrometers, thermometers, etc., 618 Chestnut, Phila., Pa.
Queen-Gray Co., architects' & engineers' instrs. & supplies, 618 Chestnut, Phila., Pa.
Queen Hair Pin Co. (horn), Leominster, Mass.
Queen Incubator Co., Lincoln, Neb.
Queen Mfg. Co., bags, ironing boards, etc., 313 S. Clinton, Chicago, Ill.
Queens Borough Brass & Bronze Fndry., 184 B'way, Long Island City, N. Y.
Queen's Run Fire Brick Co., Lock Haven, Pa.
Quellmalz Hy. Lbr. & Mfg. Co., Main, bet. Victor & Barton, St. Louis, Mo.
Quenelda Graphite Co., Quenelda, Ala.
Quenponco Packing Co., Newark, Md.
Quentin, Peter N., machst. & fndr., Fond Du Lac, Wis.
Quick Action Ignition Co., watch demagnetizers, South Bend, Ind.
Quick Action Range Co., Marshalltown, Ia.
Quick Elec. Heater Co., radiators, 5514 Covington av, Cincinnati, Ohio.
Quick, H. Lansing, architect, 18 S. B'way, Yonkers, N. Y.
Quick, James W., machsts. & fndrs., Shawneetown, Ill.
Quick-Kleen Soap Co., 191 Sanford, B'klyn, N. Y.
Quick Meal Stove Co., machsts. & brass composition fndrs., 2001 S. Kings Highway, St. Louis, Mo.
Quick, S. F., & Son, contractors, Yonkers, N. Y.
Quick & Thomas Co., agricultural implements, Auburn, N. Y.
Quick Unloading Car Chute Co., Birmingham, Ala.
Quickedge Sharpener Co., tool grndrs., 215 Desplaines, Chicago, Ill.
Quickwork Co., sheet metal workers' machy., St. Marys, Ohio.
Quidnick-Windham Mfg. Co., shade cloth mfrs., Willimantic, Conn.
Quien, Louis, Jr., architect, 329 Broad, Elizabeth, N. J.
Quier, C. D., Top Co., umbrella mfrs., Kansas City, Mo.
Quigg Mfg. Co., lumber, Livermore, Ky.
Quigley & Dorp., machsts., Camden, N. J.

Quigley Furnace Specialties Co., furnace cement mfrs., 26 Cortlandt, New York.
Quigley Furniture Co., desk mfrs., Whitesboro, N. Y.
Quigley, Jas. J., & Son, steam htg. contrs., 1342 Ridge av, Phila, Pa.
Quigley & Meeker, contrs., 19 Yo. & Sharon, Youngstown, Ohio.
Quill & Co., Paste, 436 Aberdeen, Chicago, Ill.
Quill, M. F., contractor, Provident Bk. Bldg., Cincinnati, Ohio.
Quillman, Benj., Hardware Co., Norristown, Pa.
Quimby Engng. Co., mercury gauges, indicators, etc., 913 Ridge av, Phila., Pa.
Quimby, J. L., & Co., oils & greases, 278 Water, New York.
Quimby Mfg. Co., pumps, 1700 Washington av N., Minneapolis, Minn.
Quimby, Ralph A., landscape architect, 53 State, Boston, Mass.
Quimby, Wm. E., machsts. & fndrs., 548 W. 23d, New York.
Quin, Nicholas, contractor, Madison, Wis.
Quinby, A. T., & Son, mill & facty. supplies, Laconia, N. H.
Quinby, Frank H., architect, 99 Nassau, New York.
Quinby, J. M., & Co., auto. bodies, guards, fenders, etc., 27 Division, Newark, N. J.
Quincy Av. Granite Co., Quincy, Mass.
Quincy Casket Co., Quincy, Ill.
Quincy Casting Co., Quincy, Ill.
Quincy Column Turning Co., Granite, Quincy, Mass.
Quincy Egg Carrier Co., Quincy, Ill.
Quincy Elev. Gate Co., Quincy, Ill.
Quincy Fndry. & Nov. Co., Quincy, Ill.
Quincy Lbr. Co., masons' & bldrs.' mtls., Quincy, Ill.
Quincy Motor Co., machsts., Quincy, Ill.
Quincy Pattern Co., Quincy, Ill.
Quincy Quarries Co., Quincy, Mass.
Quincy Show Case Wks., Quincy, Ill.
Quincy Stove Mfg. Co., Quincy, Ill.
Quincy White Lime & Cement Co., Quincy, Ill.
Quinebaug Co., cotton sheetings, Danielson, Conn.
Quinlan, M. W., carriages, Brookline, Mass.
Quinn Bros., plumbers, mill & facty. supplies—jobbers, Paterson, N. J.
Quinn & Co., refuse burners, 222 E. 9th, Cincinnati, Ohio.
Quinn & Fahrenkopi, lbr. mfrs., Gagetown, Mich.
Quinn, H. A., Lumber Co., Council Bluffs, Ia.
Quinn, J. E., horse collars, Toledo, Ohio.
Quinn, Jno. F., Co., glass stainers, 256 W. 81st, New York.
Quinn Mfg. Co., fire pots, Detroit, Mich.
Quinn, P. J., cornices & skylights, Madison, Ind.
Quinn, Roy D., mandrils & rubber cement mixing machy., Willoughly, Ohio.
Quinn Supply Co., plumbers' supplies—jobbers, 29 S. Western av., Chicago, Ill.
Quinn, W. H., contractor, Beloit, Wis.
Quinn Wire & Iron Wks., Boone, Iowa.
Quinsigamond Pressed Steel Co., sheet metal stamping, Worcester, Mass.
Quint, A. D., machst., Hartford, Conn.
Quint, Frank, contr., Danville, Ill.
Quintard Iron Wks. Co., machsts., fndrs., ship bldrs., etc., 742 E. 12th, New York.
Quintin, Scott, architect, 2655 N. Griffin av, Los Angeles, Cal.
Quinton Glass Co., fertilizer mfrs., Quinton, N. J.
Quirin, John & Bro., machsts. & fndrs., St. Clair, Pa.
Quirin Leather Press Co., Olean, N. Y.
Quirk, Jas. A., Trunk Co., 1228 Olive, St. Louis, Mo.
Quist, A. W., & Co., contractors, Seattle, Wash.
Quist, Samuel, contractor, Sycamore, Ill.
Quitman Cooperage Co., wood tanks, Quitman, Ga.
Quitman Foundry & Machine Co., Quitman, Ga.
Quynn, Allen G., & Co., whol. hdwe., Frederick, Md.

Raab, W. H., & Bro., pads, Johnstown, Pa.
Raabe, Lawrence, architect, 111 E. 7th, Newport, Ky.
Raapke, H. A., architect, City Nat'l Bk. Bldg., Omaha, Neb.
Raasch, G. A., mach. & fndr., Higginsville, Mo.
Raasch, J. C., brick, Beatrice, Neb.
Raban, W. A., vehicle washers, Broad, Portchester, N. Y.
Rabbitt, Michael, & Sons Co., contractors, 115 Nasby, Toledo, O.
Rabe Mfg. Co., sashes, doors, & blinds, New Bremen, Ohio.
Rabe, Otto, patterns, 158 N. Desplaines, Chicago, Ill.
Rabehl, G. F., Bldg. Co., 2592 Nicolett av, Minneapolis, Minn.
Rabenold, C. F., architect, 622 Court, Reading, Pa., & Penn Bldg., Phila., Pa.
Raber & Lang Mfg. Co., cement mixing machinery, Kendallville, Ind.
Raber, P. W., ties, poles & posts, 30 N. La Salle, Chicago, Ill.
Rabich, Herman, contractor, Cape Girardeau, Mo.
Rabon, J. D., turpentine, Iron City, Ga.
Rabus & Toeller, machsts. & fndrs., Cedar Rapids, Ia.
Raby, Hinton & Co., stained glass window mfrs., Mechanicsburg, Pa.
Raby, Peter, Contracting Co., Oswego, N. Y.
Racey, Cement L., advtg. novelties, Kansas City, Kans.
Rach, Dr. Carl, grain dryers, kettles & brewers' machy., 203 Broadway, New York.
Racich Asbestos Mfg. Co., 609 W. 55th, New York.
Racine Almn. & Brass Fdry. Co., Racine, Wis.
Racine Alumn. Shoe Co., Racine, Wis.
Racine Auto Tire Co., Racine, Wis.
Racine Auto Top Co., Racine, Wis.
Racine Boat Co., Racine, Wis.
Racine Brass & Iron Co., fndrs., Racine, Wis.
Racine Canning Co., Racine, Ohio.
Racine Elec. Co., elec. fans, grinders, etc., 53 W. Jackson blvd, Chicago, Ill.
Racine Elec, Co., machsts, motors, hand vacuum cleaners, etc., Racine, Wis.
Racine Confectioners' Machy. Co., Racine, Wis.
Racine Exerciser Co., Milwaukee, Wis.
Racine, F. L., horse collars, Fort Wayne, Ind.
Racine File Co., Racine, Wis.
Racine Fdry. Co., ring pistons, 10th & C. M. & St. P. Ry., Racine, Wis.
Racine General Mfg. Co., saddlery hdwe. mfrs., 1415 Junction av, Racine, Wis.
Racine Implement Co., fanning mills, end gate seeders, Racine, Wis.
Racine Iron & Metal Co., scrap iron & steel, Racine, Wis.
Racine Iron & Wire Wks., door fasteners, wire household utilities, wire hanging baskets, conductor strainers, etc., Racine, Wis.
Racine, Lewis, Architect, 806 Congress, Oak Park, Ill.
Racine Malleable & Wrought Iron Co., machsts. & fndrs., Racine, Wis.
Racine Mfg. Co., auto metal bodies, Racine, Wis.
Racine Metal Stamping Co., Racine, Wis.
Racine, Oliver & Co., granite producers, Concord, N. H.
Racine Puttyless Window Co., Racine, Wis.
Racine Rubber Co., Racine, Wis.
Racine-Sattley Co., agric. implement mfrs., Springfield, Ill.
Racine Steel Cuttings Co., Racine, Wis.
Racine Tank Lug Co., Racine, Wis.
RACINE TOOL & MACHINE CO,, metal cutting machines, Racine, Wis. *See adv index at end of book.*
Racine Traveling Bag Co., Racine, Wis.
Racine Trunk Co., Racine, Wis.
Racine-Truscott-Shell Lake Boat Co., canoes & marine engines, Muskegon, Mich.
Racine Universal Motor Co., electric vibrators, 53 W. Jackson blvd., Chicago, Ill.
Rackle, Geo., & Sons Co., stone producers, Cleveland, Ohio.
Rackliffe Bros., Co., plate glass, New Britain, Conn.
Racky & Son Iron Works, 718 Wentworth av, Chicago, Ill.
Racquette River Paper Co., Potsdam, N. Y.
Radcliffe, C., & Sons Co., metal buttons, 276 N. J. R. R. av, Newark, N. J.
Radcliffe, E. S., architect, Superior, Wis.
Radcliffe & Gaskill, architects, Salisbury, Md.
Radcliffe Mfg. Co., sash, door & blind mfrs., West Allis, Wis.
Radcliffe & Shaw Co., cordage mfrs., Glen Rock, Pa.
Radding Co., cornices, Springfield, Mass.
Radecke, H. F., & Sons, packing box mfrs., Bush & Ridgely, Baltimore, Md.
Radel Leather Mfg. Co., Hamburg pl, Newark, N. J.
Rademacher, A. E., machst., Irvington, N. J.
Rademacher Bros., cornices, 343 Fox, Buffalo, N. Y.
Rademaker, H., & Sons, base ball mfrs., bats, etc., Grand Rapids, Mich.
Rader, Edward B., brick, Coplay, Pa.
Rader, F. B., canned goods, Troutville, Va.
Rader, Hy., cornices, 27 Thorne, Jersey City, N. J.
Radford Architectural Co., 1827 Prairie, Chicago, Ill., & 34 5th av, New York.
Radford Bros., & Co., lbr., Oshkosh, Wis.
Radford, John, Son., contractor, Newport, R. I.
Radford Sash & Door Co., 1827 Prairie av, Chicago, Ill.
Radford & Wright Co., sashes, doors & blinds, Lbr. Ex., Minneapolis, Minn.
Radiator Footwarmer Co., 107 Tioga, Ithaca, N. Y.
Radina, L. W., Lbr. Co., Clark & Dalton av, Cincinnati, Ohio.
Radio Apparatus Co., wireless instruments, Pottstown, Pa.
Radio Elec. Spec. Co., 12 S. Jefferson, Chicago, Ill.
Radium Chemical Co., 3530 Forbes, Pittsburgh, Pa.
Radium Dial Co., Forbes & Meyran avs, Pittsburgh, Pa.
Radium Gold Fibre Screen Co., projection screens, 220 W. 42d, New York.
Radium Illuminous Material Corp., 55 Liberty, New York.
Radium Light Co., elec. lamp flashlights, Arrott Bldg., Pittsburgh, Pa.
Radle, F., pianos, 609 W. 36th, New York.
Radloff, Frank, contractor, Plymouth, Wis.
Rado Co., radiator valves, Milwaukee, Wis.
Radtke Lumber & Supply Co., masons' & bldrs.' matls., Monroe, Mich.
Rae, G., & Co., glass embossers, 173 Prince, New York.
Rae, Robt., Jr., architect, Wilmette, Ill.
Rae, Thos., & Son, contractors, 253 W. 27th, Uew York.
Raebeck & Zimtbaum, plumbers' woodwork, 100 Jewell, Brooklyn, N. Y.
Raecolith Flooring Co., sanitary, Seattle, Wash.
Raeder, Henry, architect, 20 W. Jackson blvd, Chicago, Ill.
Raeford Hardware Co., Raeford, N. C.
Raeuber, W. J., architect, Manitowoc, Wis.
Raff, A. Raymond, contractor, 1635 Thompson, Phila., Pa.
Raff, Allan, Ross & Co., masons' & bldrs.' matls., Greenwood Bldg., Cincinnati, Ohio.

Rafferty Contrg. Co., 624 W. 52d. New York.
Rafferty, Wm. J., & Co., contractors, 33 Champney, S. B., Boston, Mass.
Raftery, John T., contractor, 55 Candace, Providence, R. I.
Ragan-Brown, Lange Co., machsts. & fndrs., Napoleon, Ohio.
Ragan, G. R., architect, Roanoke, Va.
Ragland, Edward H., architect, Sunnyside, Wash.
Ragland, W. L., & Son, contractors, Richmond, Va.
Ragsdale, W. R., architect, Greenville, Tex.
Rahm, August J., architect, 140 Market, Paterson, N. J.
Rahmann, Geo., & Co., belting mfrs., clutch linings, 31 Spruce, New York.
Rahmann, W. H., architect, 95 Liberty, New York.
Rahn, C. E., architect, 410 Walnut, Phila., Pa.
Rahn-Larmon Co., machine tools, Cincinnati, Ohio.
Rahtz & Schnitzer, archl. iron, 21 E. 137th, New York.
Raider, David, mattresses, 518 E. 20th, New York.
Raiguel, W. O., architect, 604 Mission, San Francisco, Cal.
Rail Joint Co., iron rolling mills, 61 B'way, New York.
Rail Joint Co., Penn Bldg., Phila., Pa.
Railroad Supply Co., plates, rail joints, etc., 203 S. Dearborn, Chicago, Ill.
Ry. Age Gazette, trade publication, Woolworth Bldg., New York.
Ry. Improvement Co., 61 B'way, New York.
Ry. & Industrial Engng. Co., arresters & enclosed, Peoples Bank Bldg., Pittsburgh, Pa.
Ry. Journal Packing Co., 233 Broadway, New York.
Ry. Light Equipment Co., 526 Commercial Trust Bldg., Phila., Pa.
Ry. & Marine News, trade publications, Seattle, Wash.
Ry. Materials Co., Railway Exchange Bldg., Chicago, Ill.
Ry. & Power Equip. Co., second-hand machy. & railway equip., 233 Broadway, New York.
Ry. Review, trade publication, 537 S. Dearborn, Chicago, Ill.
Railway Roller Bearing Co. ,Syracuse, N. Y.
See adv index at end of book.
Ry. Supply & Mfg. Co., second hand, Cincinnati, Ohio.
Ry. Specialty Co., Atchison, Kans.
Ry. Steel Spring Co., 30 Church, New York.
Ry. Storage Battery Car Co., 50 Broad, New York.
Ry. Supply & Curtain Co., car curtains, 618 S. Canal, Chicago, Ill.
Ry. Track Work Co., 30th & Walnut, Phila., Pa.
Ry. & Traction Supply Co., locomotive sanders, posts, etc., 79 W. Monroe, Chicago, Ill.
Ry. Utility Co., controllers, thermostats, ventilators, etc., 721 Fulton, Chicago, Ill.
Ry. World, trade publications, 612 Chestnut, Phila., Pa.
Rainaud, H. E., Co., leaded glass shades, Meriden, Conn.
Rainbow Guano Co., fertilizer mfrs., Montgomery, Ala.
Rainbow, John R., architect, 9 E. 40th, New York.
Rainbow Paper Mills, Rainbow, Conn.
Rainear, C. J., & Co., mill & facty. supplies, 518 Arch, Philadelphia, Pa.
Rainey, T. C., & Sons, flour mills, Mercer, Tenn.
Rainey, W. A., contractor, 180 Jessie, San Francisco, Cal.
Rainey, W. J., coke mfr., 52 Vanderbilt av, New York.
Rainsford, W. Kerr, architect, 665 5th av, New York.
Rainier Motor Corp., Flushing, N. Y.
Rainshine Umbrella Co., 715 Main, Kansas City, Mo.
Rainy River Timber Co., Spooner, Minn.
Rairight, O. C., architect, Kittaning, Pa.
Raisler Heating Co., 129 Amsterdam av, New York.
Raitt, Chas. A., brick, Eliot, Me.
Rajah Auto Supply Co., Bloomfield, N. J.
Rajah Mfg. Co., Turkish towels, Jasper & Huntington, Philadelphia, Pa.
Rajotte, Albert, brick, Dunellen, N. J.
Rakow, Emil C., contrs., Decatur, Ill.
Raleigh Coal & Coke Co., Raleigh, W. Va.
Raleigh Concrete Construction Co., Raleigh, N. C.
Raleigh Iron Works Co., Raleigh, N. C.
Raley Rubber Co., bulbs, syringes & water bottles, New Haven, Conn.
Rall Bros., lumber, Glasgow, Mo.
Ralli Bros., bags, hemp, shellac, etc., 11 William, New York.
Rally, Lloyd, architect, 604 Mission, San Francisco, Cal.
Ralph, C. S., & Bro., canned goods, Vienna, Md.
Ralston Iron Works, 20th & Indiana, San Francisco, Cal.
Ralston, J. G., architect, Waterloo, Ia.
Ralston Steel Car Co., Columbus, Ohio.
Ramaley Boat Co., Wayzata, Minn.
Ramapo Fdry. & Wheel Works, Ramapo, N. Y.
Ramapo Iron Works, mchsts. & fndrs., Hillburn, N. Y.
Rambo, Theo. G., paint mfrs., 981 N. 2d, Philadelphia, Pa.
Rambusch Decorating Co., 2 W. 45th, New York.
Ramey Bros., contractos, Law Bldg., Baltimore, Md.
Ramey Co., vacuum cleaners, Chillicothe, Ohio.
Ramey, G. E., architect, Champaign, Ill.
Ramm, Wm. J., contractor, Youngstown, Ohio.
Ramming, John, Mach. Co., 300 S. Main, St. Louis, Mo.
Ramos Lumber Co. (Ltd.), Ramos, La.
Ramsaier, Gustav, Co., machinists, 216 William, New York.
Ramsaier, Wm. J., machinist, 95 Cliff, New York.
Ramsay, Andrew, Co., water closet tanks, Mt. Savage, Md.
Ramsay, H. M., architect, 50 Bromfield, Boston, Mass.
Ramsay, John E., architect, Salisbury, N. C.
Ramsay, John W., masons' & Bldrs.' matl., 161 Devonshire, Boston, Mass.
Ramsay, R. H., sash, door & blind mfrs., Bellows Falls, Vt.
Ramsburg Fertilizer Co., Fredeerick, Md.
Ramsdell, A. T., architect, Dover, N. H.
Ramsdell, C. H., landscape architect, N. Y. Life Bldg., Minneapolis, Minn.
Ramsdell, Homer (Est. of), brick, Dutchess Junction, N. Y.
Ramsdell, L. B., Co., children's carriages, Gardner, Mass.
Ramsdell, R. H., Construction Co., Sterling, Ill.
Ramsdell Spec. Co., screw mach. products, Worcester, Mass.
Ramsdell & Co., lumber mfrs., Albany, N. Y.
Ramseur Broom Wks., Ramseur, N. C.
Ramsey Bros., contractors, 5932 Catharine, Philadelphia, Pa.
Ramsey, Chas., Co., hdwe. mfrs., Kingston, N. Y.
Ramsey, D. G., & Sons, masons' & bldrs.' matls., New Castle, Pa.
Ramsey, Gilbert M., architect, 730 Boylston, Boston, Mass.
Ramsey, J., & Sons, silk thread, Phillipsburg, N. J.
Ramsey Mach. & Elev. Co., 207 N. 12th, St. Louis, Mo.
Ramsey, W. S., contractor, Manistique, Mich.
Ramsey Wheeler Co., lumber, Bainbridge, Ga.
Ramseyer, M. S., Co., The, contrs., Spitzer Bldg., Toledo, Ohio.
Ramstad, Louis, contractor, Duluth, Minn.
Ramus, C. F. W., paint brushes, E. Boston, Mass.
Ranaky, H. P., Elec. & Mfg. Co., transformers, 1117 W. 76th, Los Angeles, Cal.
Rancocas Mills, cocoa mats & matting, Trenton, N. J.
Rand-Avery Supply Co., maps, 117 Franklin, Boston, Mass.
Rand, Ball & King Co., mill & facty. supplies, Claremont, N. H.
Rand & Byam, soap, Charlestown, Mass.
Rand Co., filing cabinets, North Tonawanda, N. Y.
Rand Consolidated Syndicate, iron pyrites, 853 Ellicott Sq, Buffalo, N. Y.
Rand, F. L. Co., advtg. spec., St. Louis, Mo.
Rand Iron Works, Vancouver, Wash.
Rand, L. L., architect, Rookery Bldg., Spokane, Wash.
Rand Lumber Co., Burlington, Ia.
Rand, McNally & Co., atlases, 538 S. Clark, Chicago, Ill.
Rand, W. Clarence, machst., Lewiston, Me.
Rand, W. H., carriages, Amesbury, Mass.
Randak, Frank, architect, 3401 W. 26th, Chicago, Ill.
Randall, A. H., Mill Co., lumber, Tekonsha, Mich.
Randall, Albert L., architect, Amarillo, Tex.
Randall & Baker, bldg. contrs., Portland, Ore.
Randall, Benj., fertilizer mfrs., Boston, Mass.
Randall Bros., masons' & bldrs.' matls., Peters Bldg., Atlanta, Ga.
Randall, C. A., architect, Sheridan, Wyo.
Randall, Chas. W., architect, 201 Lake, West Hoboken, N. J.
Randall, Edwin, contractor, Danville, Ill.
Randall Elevator Door Control Co., 115 Mission, San Francisco, Cal.
Randall-Faichney Co., horns, plugs, pyrometers, syringes, Boston, Mass.
Randall, Frank E., rubber thickness gauges, Waltham, Mass.
Randall Graphite Sheet Lubricator Co., 816 W. Lake, Chicago, Ill.
Randall, J. D., Co., machsts., 610 W. Court, Cincinnati, Ohio.
Randall, James A., architect, S. A. & K. Bldg., Syracuse, N. Y.
Randall Lumber & Coal Co., masons' & bldrs' matls., Flint, Mich.
Randall, L. Y., machinist & brass fndrs., Guffney, S. C.
Randall, R. T., & Co., machy. dlrs., 333 N. 2d, Philadelphia, Pa.
Randall & Stickney, dial thickness, gauges, Waltham, Mass.
Randall Tramrail Co., overhead trolleys, 331 N. 2d, Phila., Pa.
Randall, T. A., & Co., porcelain products, 211 Hudson, Indianapolis, Ind.
Randall, W. I., stone producers, Hancock, N. Y.
Randall, W. L., masons' & bldrs.' matls., Doylestown, Pa.
Randerson, John P., contractor, 51 State, Albany, N. Y.
Randle, Geo. M., St. Girard Bldg., Philadelphia, Pa.
Randle Machinery Co., C H & D, Ray & Powers, Cumville, Cincinnati, Ohio.
Randolph Canning Co., Randolph, Wis.
Randolph-Clowes Co., plumbers' seamless tubing, Waterbury, Conn.
Randolph, H. C., auto truck trailers, Jonesville, Mich.
Randolph, J. R., brick, Ruston, La.
Randolph, L. W., Inc., rotary engines, 9-15 Clinton, Newark, N. J.
Randolph Mfg. Co., cotton sheeting, Franklinville, N. C.
Randolph, S. M., architect, Parkside Bldg., Oak Park, Ill.
Randolph, T. F., Co., engng. & surveying instruments, 238 E. 5th, Cincinnati, Ohio.
Randolph, W. S., architect, 200 W. 99th, New York.
Randolph Wagon Works, Randolph, Wis.
Randolph, Wm. C., bone handles, 243 Arch, Philadelphia, Pa.
Rands Mfg. Co., mountings, auto tops, Detroit, Mich.
Raney Bros., brick, Fairfield, Ia.
Raney & Dumas, architects, Hudson Press Bldg., Kansas City, Mo.
Raney, F. J., machsts., Shell Lake, Wis.
Rangeley Construction Co., 405 Lexington av, New York.
Ranger Casper Construction Co., Holyoke, Mass.
Ranger Casper Lumber Co., sash, door & blind, masons' & bldrs.' matls., Holyoke, Mass.
Rangnow & Hall, trunk mfrs., 67 Laurel, Philadelphia, Pa.

Raniville, F., Co., leather belting (round & flat), belt tools, cements, dressing, etc., & mechanical leather specialties, mfrs., Grand Rapids, Mich.
Rankin, A. J., mill & facty. supplies, Shelby, Mich.
Rankin & Arnold, mill & facty. supplies, New Bedford, Mass.
Rankin, Chas. F., masons, & bldrs., matls., Schenectady, N. Y.
Rankin Coffin & Casket Co., High Point, N. C.
Rankin, J. H., stone producers, East Long Meadow, Mass.
Rankin, Jos. H., architect, Braddock, Pa.
Rankin, Kellogg & Crane, architects, 1012 Walnut, Phila., Pa.
Rankin Lumber Co., Henderson, Ky.
Rankin & Ross Co., stone producers, wkrs. & dlrs., 372 Carroll, Brooklyn, N. Y
Rankin, Wm., stone producers, 625 Avery av, Detroit, Mich.
Ranney Refrigerator Co., Greenville, Mich.
Ranno-Speirs Co., harness, saddles, etc., 39 High, Boston, Mass.
Ransbottom Bros. Pottery Co., Roseville, Ohio.
Ransom, J. B., & Co., masons' & bldrs.' matls., lumber, Nashville, Tenn.
Ransom, L. E., Co., indigo, tumeric, annatto, etc., 279 Pearl, New York.
Ransom Mfg. Co., motor driven grinding machines, Oshkosh, Wis.
Ransom, Stephen, heating contrs., 401 West, New York.
Ransome, B., paving contr., 2779 Poplar, Oakland, Cal.
Ransome Concrete Machy. Co., Dunellen, N. J.
Ransome-Crummey Co., contractors, Oakland, Cal..
Ransome-Leach Co., 115 Broadway, New York.
Ranson, Coray B., contractor, Dorranceton, Pa.
Rantin, Samuel J., architect, 1117 Columbus av, Boston, Mass.
Rantoul, W. G., architect, 6 Beacon, Boston, Mass., & 19 Chestnut, Salem, Mass.
Ranz Stamping Tool Co., dies, 1509 N. B'way, St. Louis, Mo.
Rapelye, Geo., mill & facty. supplies, New Britain, Conn.
Rapelye, Harry S., architect, 150 Mansion, Poughkeepsie, N. Y.
Raphael, H., Co., plate glass, Los Angeles, Cal.
Rapid Addressing Mach. Co., 46 W. 23d, New York.
Rapid City Gypsum Lime & Portland Cement Co., Rapid City, S. D.
Rapid City Packing Co., meat, Rapid City, S. D.
Rapid Evaporating Co., pans, Detroit, Mich.
Rapid Heater Co., 101-103 Campau av, N. W., Grand Rapids, Mich.
Rapid Mixer Co., Grand Rapids, Mich.
Rapid Safety Filter Co., 92 Pine, New York.
Rapid Safety Fire Exting. Co., 92 Pine, New York.
Rapid Tap Plug Co., Grand Rapids, Mich.
Rapid Transit Subway Constr. Co., 232 1st av, New York.
Rapids Lumber Co., Ltd., Woodworth, La.
Rapp, A. C., Co., sand & gravel, Phillipsburg, N. J.
Rapp Bros., potteries, Morton, Ill.
Rapp, C. W. & G. L., architect, 69 W. Washington, Chicago, Ill.
Rapp, F. H., contractor, Rochester, N. Y.
Rapp, G. W., architect, 1339 Chapel, Cincinnati, Ohio.
Rapp, I. H. & W. M., & Hendrickson, A. C., architects, Trinidad, Colo., & Santa Fe, N. M.
Rapp, Jacob, & Co., masons' & bldrs.' matls., 375 S. High, Columbus, Ohio.
Rapp & Moller Carriage Co., 2220 Pine, St. Louis, Mo.
Rapp, Philip, hdwe. mfrs., Reading, Pa.
Rappeport, R. E., traveling bags, 743 S. Winchester av, Chicago, Ill.
Rappleyea, Geo. W., architect, Southport, N. C.
Rappold, Geo. W., architect, 110 W. 40th, New York.
Raque, Philip E., arch'l engrs., 132 Nassau, New York.
Raquet Bros., bags & suit cases, 117 N. J. R. R. av, Newark, N. J.
Rare Metal Products Co., sulphuret of antimony, Glen Ridge, N. J.
Raritan Chemical Works, 8 W. 40th, New York.
Raritan Copper Works, 42 Broadway, New York.
Raritan Dry Dock Co., machsts., Perth Amboy, N. J.
Raritan Ridge Clay Co., Metuchen, N. J.
Rasch, C. F., Sons, cornices & skylights, Covington, Ky.
Rasch, T. J., flour mills, St. Florian, Ala.
Raschke, O. F., masons' & Bldrs.' matls., 3600 S. Winchester av, Chicago, Ill.
Rasch's, C. F., Sons, cornices, 1113 Madison av, Cincinnati, Ohio.
Raselmire, John J., masons' & bldrs.' matls., Union City, Ind.
Raseman, R. E., architect, Penobscot Bldg., Detroit, Mich.
Rasin-Monumental Co., fertilizer mfrs., National Marine Bk. Bldg., Baltimore, Md.
Rasmussen Charcoal & Fuel Co., St. Paul, Minn.
Rasmussen & Co., glass, Portland, Ore.
Rasmussen-Grace Co., contrs., Dock Bldg., Portland, Ore.
Rasmussen, John, & Sons Co., contractors, Oshkosh, Wis.
Rasmussen, Julius, belting mfr., 111 W. Water, Milwaukee, Wis.
Rasmussen, Wm. Whitney, architect, 1133 Broadway, New York.
Rasmussen & Wayland, architects, 1133 Broadway, New York.
Rasner & Dinger Co., cornices & skylights, 2d av & Ferry, Pittsburgh, Pa.
Rasp, R. & W., cornices & skylights, Maysville, Ky.
Rassmann, F., Mfg. Co., cattle stanchion pens, Beaver Dam, Wis.
Rast, W. B., & Son, lumber, Swansea, S. C.
Rastetter, Louis, & Sons, wood rims, Ft. Wayne, Ind.
Ratcliffe, Chas. A., sash, door & blind, Cheney, Wash.
Ratcliffe, Griffith, contractor, Camden, N. J.
Ratcliffe, W. H., Jr., architect, 1st Nat. Bk. Bldg., Oakland, Cal.
Rate, G. B., & Co., masons' & bldrs.' matls., Dekum Bldg., Portland, Ore.
Rateau Battu Smoot Co., 90 West, New York.
Rateau Steam Regenerator Co., 90 West, New York.
Ratermann Bldg & Contrg. Co., 1943 St. Louis av, St. Louis, Mo.
Rath Aluminum & Brass Co., brass castings, New Philadelphia, Ohio.
Rath, Chas. H., Co., metal polish, Columbia & Hancock, Philadelphia, Pa.
Rath, Geo. C., & Sons, meat packers, Dubuque, Ia.
Rath Mfg. Co., soap, Hedley, E. of Richmond, Philadelphia, Pa.
Rath Packing Co., meat, Waterloo, Ia.
Rath, Robert J., contractor, Hoboken, N. J.
Rathbone, A. B. & J.,, pinion wire, Palmer, Mass.
Rathbone, John S., architect, Mystic, Conn.
Rathbone Mfg. Co., fndrs., Grand Rapids, Mich.
Rathbone, Sard & Co., cooking app. & stoves, Albany, N. Y.
Rathborne, Hair & Ridgeway Co., beer boxes, etc., 2279 S. Union av, Chicago, Ill.
Rathbun & Bird Co., machsts., 8 Dutch, New York.
Rathbun & Co., machsts., 8 Dutch, New York.
Rathbun-Jones Engineering Co., "Rathbun" gas engines, & Price-Rathbun Oil engines, 841 Spencer, Toledo, Ohio.
Rathbun & Kraft Co., sash, door & blind mfrs., Battle Creek, Mich.
Rathbun, P. T., & Co., carriages, Springfield, Ohio.
Rathbun, R. S., contractor, Allentown, Pa.
Rathfon Scent & Co., lumber, Barbourville, Ky.
Rathjens & Kupfer, meat packers, 1331 Pacific, San Francisco, Cal.
Rathsack, Wm., & Sons, cornices, Manitowoc, Wis.
Ratliff, D. O., turpentine, Wauchula, Fla.
Ratliff Pure Food Products Co., canned goods, Ft. Worth, Tex.
Ratner, M., scrap iron & steel, Fall River, Mass.
Rattan & Cane Co., 66 W. Broadway, New York.
Rattan Mfg. Co., rattan & reed furniture, New Haven, Conn.
Rau Appraisal Co., Patton bldg., Milwaukee, Wis.
Rau, Conrad B., stone producers, Rockville, Conn.
Rau, Emanuel, paper box machy., 30 Church, New York.
Rau Fastener Co., 14 Blount, Providence, R. I.
Rau, Hy. M., zinc dust, 130 Pearl, New York.
Rau Perfect Flue Stopper Co., Louisville, Ky.
Rauch, Hy., & Son, preheaters, Mount Vernon, N. Y.
Rauch Mfg. Co., hose couplings, Galena, Kans.
Rauchbach-Goldsmith Co., trunk mfrs., 79 St. Francis, Newark, N. J.
Raudenbush & Sons Piano Co., St. Paul, Minn.
Rauen, Math., Contractor 111 W. Washington, Chicago, Ill.
Rauh, A., granite producers, 3601 Blake, Denver, Colo.
Rauh David, pitching machy, 308 Elizabeth av, Newark, N. J.
Rauh, E., & Sons Fertilizer Co., 419 S. Penn, Indianapolis, Ind.
Rauh, Robt., brewers & malsters machy. & supp., 310 Elizabeth av, Newark, N. J.
Raulf (The) Co., contractors, Patton Bldg., Milwaukee, Wis.
Raulf Mfg. Co., motor boat, launch & yacht bldrs., 560 Vedder, Chicago, Ill.
Raup's, H. P., Sons, contractors, Shamokin, Pa.
Rauschenberger, John Co., cordage & twine mfrs., 87 W. Water, Milwaukee, Wis.
Rauscher, E. W., lime, Erin, Tenn.
Rauscher, Fred'k, htg. contr., 1918 Rich. Ter., Port Richmond, N. Y.
Rauskolb, Fred. W., Co., aluminum, gold, silver leaf, 103 Arch, Boston, Mass.
Rautman Plumbing & Heating Co., Seattle, Wash.
Raven Mining Co. of Utah, Marquette Bldg., Chicago, Ill.
Ravenel, Samuel W., architect, Boonville, Mo.
Ravenna Furnace & Htg. Co., fndrs., Ravenna, Ohio.
Ravenna Iron Co., machsts. & fndrs., Ravenna, N. Y.
Ravenna Rubber Co., Ravenna, Ohio.
Ravenswood Co., marble interior wk., Ravenswood, L. I., N. Y.
Ravenswood Office Specialties Co., stationers' specialties, 1800 Newport av, Chicago, Ill.
Ravenswood Paper Mill Co., Ravenswood, Long Island, N. Y.
Ravey, Jos. H., tubular boilers, Oil City, Pa.
Ravitch Bros., contractors, N. W. Bk. Bldg., Minneapolis, Minn.
Raw Products Co., balata, crude rubber, 80 Wall, New York.
Rawle, M., furniture tops, 796 7th av, New York.
Rawleigh Mfg. Co., machsts. & frdrs., Freeport, Ill.
Rawleigh, W. T. gas engines, Freeport, Ill.
Rawles, Jas. D., Co., mill & facty. supplies, 74 Pearl, Boston, Mass.
Rawlings Implement Co., agricultural, 11 W. Pratt, Balto., Md.
Rawlings Mfg. Co., sporting & athletic goods mfrs., 23d & Lucas av, St. Louis, Mo.
Rawlins, A. M., masons' & bldrs.' matls., Springfield, Ohio.
Rawlins, H. A., architect, 3 E. 3d av, Rome, Ga.
Rawson, Charles P., architect, 21 E. Van Buren, Chicago, Ill.
Rawson & Evans Co., glass, signs, etc., 710 W. Washington blvd., Chicago, Ill.
Rawson & Green, contractors, 6410 Cottage Grove av, Chicago, Ill.
Ray Bros., machsts. & fndrs., Ashland, Mass.
Ray, Daisley & Co., metallic window frame & sash, 61 Fulton, Brooklyn, N. Y.

Ray, Edgar K., cotton waste, Franklin, Mass.
Ray Fabric Mills, horse blankets, Franklin, Mass.
Ray, G. G., & Co., cornices & skylights, Charlotte, N. C.
Ray, G. W., washing machines, Sterling, Kans.
Ray, Geo. A., Mfg. Co., cooking apparatus, water coolers, cuspidors, etc., Buffalo, N. Y.
Ray, Geo. N., architect, 1211 Connecticut av, N. W., Washington, D. C.
Ray, Jas., cornices, 2d & Indiana, Philadelphia, Pa.
Ray, L. S. W., masons' & bldrs.' matls., Blairsville, Pa.
Ray, Russel, architect, Santa Barbara, Cal.
Ray, S. W., architect, Jacksonville, Tex.
Ray, W. A., Hardware Co., Pensacola, Fla.
Ray, Wm. A., Jr., mach. & fndr., Auburn, Me.
Ray, Wm. H., printing ink, 735 E. 9th, New York.
Raybestos Co., auto brakes, brake linings, asbestos packing, etc., 1427 Railroad av, Bridgeport, Conn.
Rayborn, J. J., machsts., Concord, Ill.
Raydex Inc., light controlling devices, shaft lights, Jamestown, N. Y.
Rayfield, W. A., architect, 105 1st av, S., Birmingham, Ala.
Rayford Co., truck units, 2d & Indiana, Philadelphia, Pa.
Rayl, T. B., Co., whol. hdwe., 3 Grand River av, Detroit, Mich.
Raymer Hardware Co., 58 E. 5th, St. Paul, Minn.
Raymon, David, scrap iron, Toledo, Ohio.
Raymond, A. E., & Co., machsts. & fndrs., Fort Myers, Fla.
Raymond & Alexander Lumber Co., New London, Conn.
Raymond, Alfred J., sash, door & blind, Athol, Mass.
Raymond Bros. Co., contractors, Duluth, Minn.
Raymond Bros. Impact Pulverizer Co., see machsts. & fndrs., 1306 N. Branch, Chicago, Ill.
Raymond Co., pianos, 5213 Windsor av, N. E., Cleveland, Ohio.
RAYMOND CONCRETE PILE CO., 140 Cedar, New York
BRANCH OFFICES:
111 West Monroe, Chicago
1102 Union Bank bldg, Pittsburgh
921 Munsey bldg, Baltimore
2006 Finance bldg, Philadelphia
406 Empire bldg, Detroit
1012 Baltimore av, Kansas City
503 Union bldg, Cleveland
Pittock Block, Portland, Ore.
316 Exchange bldg, Boston, Mass.
Raymond Engng. Corpn., special machy., 309 Lafayette, New York
Raymond, F. B., contractor, Port Jervis, N. Y.
Raymond Foundry & Machine Co., Raymond, Wash.
Raymond, G. B., & Co., masons' & bldrs.' matls., 293 Borden av, Long Island City, N. Y.
Raymond Granite Co., Potrero av & Division, San Francisco, Cal.
Raymond, Harold, architect, Interstate Bldg., New Orleans, La.
Raymond Heating Co., Springfield, Mo.
Raymond Lead Co., 735 S. Washtenaw av, Chicago, Ill.
Raymond Lumber Co., Raymond, Wash.
Raymond Mfg. Co. (Ltd.), carpet beaters, springs, etc., Corry, Pa.
Raymond Rubber Co., scrap reclaimed rubber, Titusville, N. J.
Raymond Stone Co., Los Angeles, Cal.
Raymond, W. Oakley, architect, 1133 B'way, New York.
Rayner, Geo., & Son, archts., 13 Warburton av, Yonkers, N. Y.
Rayner, J., Co., lbr. mfrs., 142 Goerck, New York.
Rayner & Parker, lbr. mfrs., Commercial Trust Bldg., Phila., Pa.
Raynes, W. C., architect, Rumford, Me.
Raynor, A., masons' & bldrs.' matls., Catskill, N. Y.
Raynor & Perkins Envelope Co., 220 William, New York.
Rayo Incubator Co., Omaha, Neb.
Razall, H. G., Mfg. Co., loose leaf devices, 300 7th av, Milwaukee, Wis.
Razorine Mfg. Co., 335 B'way, New York.
R. C. H. Corp, storage battery trucks, 33 Woodbridge E., Detroit, Mich.
Rea, Alfred W., architect, Black Bldg., Los Angeles, Cal.
Rea, John J., masons' & bldrs.' matls., Clarington, Ohio.
Rea & Page Milling Co., flour, Marshall, Mo.
Rea & Read Mill & Elevator Co., feed, Tulsa, Okla.
Reaburn, J. H., canned goods, Nace, Va.
Reach, A. J., Co., sporting goods mfrs., Tulip & Palmer, Philadelphia, Pa.
Read, A. P., Co., hdwe. mfrs., 568 W. Washington, Chicago, Ill.
Read Bros. Co., ship bldrs., Fall River, Mass.
Read, Chas., sash, door & blind mfr., 406 W. 30th, New York.
Read, Chas. H., brick, Oakland City, Ind.
Read-Coddington Engineering Co., Niagara Falls, N. Y.
Read, Dean D., architect, 274 Park, Hackensack, N. J.
Read Dresser Engng. Co., industrial engineers, 149 B'way, New York
Read, Edward B., boiler compounds, 212 9th, San Fran., Cal.
Read, Geo. H., & Bros., cornices & skylights, Bloomington, Ill.
Read, J. G., & Bros. Co., harness, saddles, etc., Ogden, Utah.
Read Machinery Co., bakers' machy., York, Pa.
Read, O. B., Mfg. Co., hdwe. mfrs., Troy, N. Y.
Read Phosphate Co., fertilizer, Nashville, Tenn.
Read Safety Gate Co., auto. elev. gates, 207 Guilford av, Baltimore, Md.
Read, Wm., & Sons, duck decoys, 364 Washington, Boston, Mass.
Reade, Chas. W., button mfr., New Haven, Conn.
Reade Mfg. Co., soldering flax, paste, salt & sticks, Hoboken, N. J.
Reade Tool & Machine Co., 8 Reade, New York
Reader Bros. & Hoffman, tubular boilers, Tyrone, Pa.
Reader, John B., windmills, Delavan, Wis.
Reading Abbattoir Co., meat packers, Reading, Pa.
Reading Bone Fertilizers Co., Reading, Pa.
Reading Brass Works, 104 Court St., Reading, Pa.
Reading Broom Co., Blandon, Pa.
Reading Car Wheel Co., Buffalo, N. Y.
Reading Chain Block Corporation, hoist mnfrs., crane & block chains, Reading, Pa.
Reading Chandelier Works, Reading, Pa.
Reading Contr. Co., Reading, Pa.
Reading Cycle Mfg. Co., Reading, Pa.
Reading Engineering Wks., machinists' & mfrs.' agents, 116 Washington, Reading, Pa.
Reading Fire Brick Wks., Reading, Pa.
Reading Foundry & Supply Co., plumbers' supplies, Reading, Pa.
Reading Glass Wks., Reading, Pa.
Reading Hardware Co., hardware mfrs., Reading, Pa.
Reading Heater & Supply Co., Reading, Pa.
Reading Iron Co., Baer Bldg., Reading, Pa.
Reading Lime Co., Reading, Pa.
Reading Lumber Co., Reading, Pa.
Reading Mfg. Co., ladders, Akron, Ohio.
Reading Paper Mills, Reading, Pa.
Reading Ribbon Badge Co., 11th & Spruce, Reading, Pa.
Reading Rubber Mfg. Co., Reading, Mass.
Reading Saddle & Mfg. Co., Reading, Pa.
Reading Sand Co., Bridgeton, N. J.
Reading Scale & Machine Co., Reading, Pa.
Reading Screw Co., Norristown, Pa.
Reading Shale Brick Co., Reading, Pa.
Reading Specialties Co., rail benders, clamps, joints, etc., Reading, Pa.
Reading Standard Co., motor cycles, Reading, Pa.
Reading Steam Heat & Power Co., Reading, Pa.
Reading Steel Casting Co., Reading, Pa.
Reading Stove Works, Reading, Pa.
Reading Wood Pulley Co., Reading, Pa.
Readings Castings Co., Reading, Pa.
Readograph Adv. Co., Inc., spec., 214 S. 12th, Phila, Pa.
Readon Bros. & Co., heaters, Lynn, Mass.
Readrite Meter Wks., ammeters, Bluffton, Ohio.
Readsboro Chair Co., furniture—schools, church, Readsboro, Vt.
Ready Built Home Co., bungalows & garages, Mystic, Conn.
Ready Mfg. Co., stamping & yarn printing machs., Troy, N. Y.
Ready Tool Co., lathe tool mfrs., Bridgeport, Conn.
Reagal & S. F. & N. Tracks, sash, door & blind, mfrs., Spokane, Wash.
Reagan, Ed., smoking pipes, Syracuse, N. Y.
Reagan & Lynch, contractors, Uniontown, Pa.
Realty Construction Co., Empire bldg, Birmingham, Ala.
Realty Iron Wks. Co., 231 E. 82d, New York.
Realty Rubber Co., Massillon, Ohio.
Ream, A. B., brick, River Styx, Ohio.
Ream-McBee Co., granite, Barre, Vt.
Reaney & Eliason, masons' & bldrs.' matls., Columbus Junction, Ia.
Reardon & Beckwith Merc. Co., cornices & skylights, Midland, Mich.
Reardon Glue Mfg. Co., vegetable glue, 2d & Clinton, St. Louis, Mo.
Reardon, J. J., auto. tops, Amesbury, Mass.
Reardon, John, & Sons Co., oils, soap, sal-soda, etc., Cambridge, Mass.
Reason, J. D., Co., contractors, Pendleton, Ind.
Reaugh Constr. Co., 2835 E. 51st, Cleveland, Ohio.
Reaves, Albert S., Sheet Metal Cornice Co., 719 2d, N. E., Washington, D. C.
Rebecka & Smith, auto. tops, Cleveland, Ohio.
Reber, A. C., canned goods, Ridgely, Md.
Reber, Calvin P., roller bearings, Reading, Pa.
Reber Preserving Co., Eola, Ill.
Rebhun Last Co., 1728 Dana av, Cincinnati, Ohio.
Rebori, A. N., architect, 30 N. Michigan av, Chicago, Ill.
Rebsamen & Almeroth, machsts., 2324 Elston av, Chicago, Ill.
Rebuilt Typewriter Co., machsts., 138 S. Wabash av, Chicago, Ill.
Reburn, J. M., flour mills, Mechum River, Va.
Rech-Marbaker Co., carriages, 8th & Girard av, Phila., Pa.
Rechtin, Louis E., & Bro., machsts., 215 Butler, Cincinnati, O.
Rechtin, Theo. E., masons' & bldrs.' matls., Evansville, Ind.
Reckmeyer, W. R., sashes, doors & blinds, Fremont, Neb.
Reckord Bros., canned goods, Bel Air, Md.
Record Fdry. & Mach. Co., Livermore Falls, Me.
Record & Guide, trade publications, 119 W 40th, New York
Recording & Computing Machines Co., Dayton, Ohio.
Records, Francis B., Jr., archt., 220 Devonshire, Boston, Mass.
Records, M., Sons Co., canned goods, Forest, Del.
Records, W. T., & Son, flour mills, Laurel, Del.
Rectigraph Co., photo. copying machs., Rochester, N. Y.
Rector Brick Co., Rector, Ark.
Rector Chemical Co., Inc., 2 Rector, New York

Rector & Hdwe. Spec. Mfg. Co., show case corner braces, 22d & Western av, Chicago, Ill.
Rector Milling Co., flour, Rector, Ark.
Red Apple Orchard Corp., canned, Shipman, Va.
Red Bank Mills, flour, New Bethlehem, Pa.
Red Buttes Cement & Plaster Co., Denver, Colo.
Red "C" Oil Mfg. Co., lubrg., Keyser Bldg., Baltimore, Md.
Red Chief Mfg. Co., feed mills, corn shellers, Louisville, Ky.
Red Cliff Lbr. Co., Duluth, Minn.
Red Creek Canning Co., Red Creek, N. Y.
Red Cross Filter Co., water filters, 186 W. Washington, Chicago, Ill.
Red Cross Mfg. Co., machinists & founders, Bluffton, Ind.
Red Diamond Lumber Co., 1134 Central av, Minneapolis, Minn.
Red Hand Compositions Co., Inc., paint manfrs., 1 B'way, New York
Red Jacket Mfg. Co., machinists & founders, Davenport, Ia.
Red Key Tile Brick & Bldg. Block Co., Red Key, Ind.
Red King Co., machinists & founders, Wauseon, Ohio.
Red Oak Bridge & Iron Works, Red Oak, Ia.
Red Oak Canning Co., Red Oak, Ia.
Red River Iron Wks., blast furnaces, Clarksville, Tenn.
Red River Lumber Co., 807 Hennepin av, Minneapolis, Minn.
Red River Oil Co., Alexandria, La.
Red River Valley Brick Corp., Grand Forks, N. D.
Red Star Lumber Co., Ltd., Mayna, La.
Red Star Spoke Co., Fayetteville, Ark.
Red Wing Filter Sand Co., Red Wing, Minn.
Red Wing Linseed Co., Red Wing, Minn.
Red Wing Mfg. Co., bedsteads, Red Wing, Minn.
Red Wing Milling Co., flour, feed, Red Wing, Minn.
Red Wing Motor Co., Red Wing, Minn.
Red Wing Sewer Pipe Co., Red Wing, Minn.
Redbird, Simon, architect, Genoa, Neb.
Redden Construction Co., New London, Conn.
Redden, G. T., & Co., canned goods, Denton, Md.
Redden Motor Truck Co., Inc., 676 Woodward av, Detroit, Mich. & 1442 S. Mich. av, Chicago, Ill.
Reddick Lamb's Wool Polisher & Prod. Co., Harrison Bldg., Philadelphia, Pa.
Reddick, T. T., contractor, Fort Smith, Ark.
Reddin Iron Wks., founders, Syracuse, N. Y.
Redding, Vernon, architect, Mansfield, Ohio.
Redding, Wm., & Son, architects, Opera Hse. Bldg., Denver, Colo.
Reddinger, P. H., Mfg. Co., classic wood carvers, Evansville, Ind.
Reddy's, M., Sons, machinists & founders, Little Falls, N. Y.
Reder Fdry. Co., 3536 S. Oakley av, Chicago, Ill.
Rederer, B. S., Co., power plant equipmt., 1405 Arrot bldg, Pittsburgh, Pa.
Redfield Brick & Tile Wks., Redfield, Ia.
Redfield Brick Wks., Richmond, Va.
Redfield & Davis, masons' & bldrs.' matls., Eden, N. Y.
Redfield, Henry W., architect, Tenafly, N. J.
Redfield, Robert S., packing house machinery, 327 So. La Salle, Chicago, Ill.
Redford Brick Works, Manchester, Va.
Redgwick, Wm., contractor, Leavenworth Bldg., Omaha, Neb.
Redhead, F. A., contractor, Toronto, Ohio.
Redick, Jos. H., machinist, Spencerville, Ohio.
Redifor Rod & Reel Co., Warren, Ohio.
Redin Ekstrom & Co., cabinet clamps machy, Rockford, Ill.
Redin, John E., machinist & founder, Rockford, Ill.
Reding & Howard, landscape architects, 11 E. Lexington, Baltimore, Md.
Redinger, S. G., & Sons, lumber, Templeton, Pa.
Redington, F. B., Co., flue cutters, counting machines, etc., 112 S. Sangamon, Chicago, Ill.
Redington Hub Co., Robys Corner, N. H.
Redlands Fruit Assn., fertilizer mfrs., Redlands, Cal.
Redlich Mfg. Co., cases, faucets, mallets, etc., 637 W. Oak, Chicago, Ill.
Redlinghouse, J., brass & composition fndrs., Newark, N. J.
Redlon, N. E., Co., bldg. contractors, Portland, Me.
Redman & Co., brick, Cynthiana, Ind.
Redman & Maher, architects, Great Bend, Kan.
Redman, Wm., lumber, Glasgow, Ky.
Redmon, Edgar & Redmon, dishwashing mach., Cedar Rapids, Iowa.
Redmon & Mattingly, flour mills, Mooleyville, Ky.
Redmond, A., carriages, Harrisburg, Pa.
Redmond, B. V., & Son, cornices, 309 Decatur, New Orleans, La.
Redmond Chemical Products Co., 636 West 22d, Chicago, Ill.
Redmond Engng. Co., auto. crankshafts, Drexel Bldg., Phila., Pa.
Redstone Co., lbr. mfrs., Pinos Altos, N. M.
Redtop Electric Co., heaters & toasters, 8 W. 19th, New York
Redwine Brothers, fertilizer, Fayetteville, Ga.
Redwood Export Co., lumber, 260 California, San Francisco, Cal.
Redwood Mfrs. Co., Hobart Bldg., San Francisco, Cal.
Redwood Mfrs. Co., Redcedar wood, Oakland, Cal.
Redwood Shingle Assn., Eureka, Cal.
Reeb Bros., masons' & bldrs.' matls., Belleville, Ill.
Reeb & Dinkins, sash, door & blind mfrs., 18 B'way, New York.
Reeb, M. A. Corp., masons' & bldrs,' matls., 599 Michigan av, Buffalo, N. Y.
Reeber's, Jos., Sons Co., bldg., materials, Canal pl. & 138th, New York.
Reece Buttonhole Mach. Co., 502 Harrison av, Boston, Mass.
Reece & Crittenden Co., advtg. counsellors, Cleveland, Ohio.
Reece, E. G., Canning Co., Waldron, Ind.
Reece Folding Mach. Co., 502 Harrison av, Boston, Mass.
Reed, A. S., & Bro. Co., contractors, 815 Shipley, Wilmington, Del.
Reed advg. Co., spec., Portland, Ore.
Reed, Allen & Reed, stone producers, Albion, N. Y.
Reed & Barton Corp., machsts. & fndrs., Taunton, Mass.
Reed Bros., stone producers, Birmingham, Ala.
Reed, C. D., canned goods, Troutville, Va.
Reed, C. R., cornices & skylights, Kent, Ohio.
Reed, Chas. M., brick, Pennsburg, Pa.
Reed Coal Co., masons' & bldrs.' matls., Fair Haven, Vt.
Reed & Corlett, architects, Oak Bk. of Sav., Oakland, Cal.
Reed & Curtis Mach. Screw Co., Worcester, Mass.
Reed & Duecker, mill & facty. supplies, Memphis, Tenn.
Reed, E. L., architect, 20 Irwin av, Boston, Mass.
Reed, E. L., Mfg. Co., Christmas tree holders, Sterling, Ill.
Reed, Earl H., Jr., architect, 139 N. Clark, Chicago, Ill.
Reed, Edw. E., traveling bags, Somerville, Mass.
Reed, Edward H., architect, Amicable Bldg., Waco, Tex.
Reed, Evan L., Mfg. Co., racks, Sterling, Ill.
Reed, F. E., Glass Co., Rochester, N. Y.
Reed Foundry & Machine Co., Kalamazoo, Mich.
Reed, Francis, Co., drilling machines, Worcester, Mass.
Reed-French Piano Mfg. Co., Portland, Ore.
Reed, Geo. A., & Son, machsts. & fndrs., Gloucester, Mass.
Reed, Geo. F., architect, Holland Bldg., Springfield, Mo.
Reed, Geo. W., & Son, organs, West Boylston, Mass.
Reed Hardware & Mfg. Co., Cairo, Ill.
Reed, Harry D., contrs., Schuylkill Haven, Pa.
Reed-Hill Wm., architect, Dime Bk. Bldg., Detroit, Mich.
Reed J. B. Co., contrs., McKees Rocks, Pa.
Reed, L. M., barrel heading machinery, Cleveland, Ohio.
Reed Mfg. Co., kitchen enameled ware mfrs., Newark, N. J.
Reed Mfg. Co., laundry machy., dies, etc., Erie, Pa.
Reed Mfg. Co., rug looms, Springfield, Ohio.
Reed Motor Supply Co., 78 W. 7th, St. Paul, Minn.
Reed Oil Co., lubricating, Atlanta, Ga.
Reed-Prentice Co., drilling machines & lathes, Worcester, Mass.
Reed & Prince Mfg. Co., bolts, nuts, screws, Worcester, Mass.
Reed, R. H., & Bro., brick, Hightstown, N. J.
Reed & Rish, contrs., Marion, Ind.
Reed & Rogers Mfg. Co., agricultural implements, Vernon, Ind.
Reed & Sherwood Mfg. Co., wood tanks, Anoka, Minn.
Reed Small Tool Wks., Worcester, Mass.
Reed & Sons Piano Mfg. Co., 28 E. Jackson blvd., Chicago, Ill.
Reed & Steeger Sash & Door Co., 4211 Chippewa, St. Louis, Mo.
Reed Stone Co., Bedford, Ind.
Reed & Vendret, granite, S. Quincy, Quincy, Mass.
Reed, Wm., architect, 1617 Enderly pl, Fort Worth, Tex.
Reeder, Jno. S., paint mfr., Hamilton, Ohio.
Reeder, Oliver & Son, dry docks, Key Highway & Covington, Baltimore, Md.
Reeds,' C. H., Sons, meat packers, 185 1st av, New York.
Reedsburg Canning Co., Eau Claire, Wis.
Reedy, D. V., Elev. Co., 1026 Kentucky av, Indianapolis, Ind.
Reedy Elevator Co., Hoboken, N. J.
Reedy Fndry. Co., 4600 Iowa, Chicago, Ill.
Reedy, H. J., elevators, 15 W. 2d, Cincinnati, Ohio.
Reedy Mill Co., flour, Reedy, W. Va.
Reeger, Ed., contractor, Trenton, N. J.
Reely, T. W., architect, Fort Dodge, Ia.
Rees & Co., machsts., 220 E. 86th, New York.
Rees, Cyrus B., heating contractor, 1322 14th, N. W., Washington, D. C.
Rees, Glenn M., architect, Granite Bldg., Rochester, N. Y.
Rees', Hans, Sons, leather belting butts, 39 Frankfort, New York.
Rees, Jas., & Sons Co., tubular boilers, 18 4th, Pittsburgh, Pa.
Rees, S. W., & Co., steel stamps, stencils, 44 Vesey, New York.
Rees-Scott Co. (Ltd.), lumber, 911 Hibernia bldg., New Orleans, La.
Rees, Taylor & Co., Inc., contrs., Trenton, N. J.
Rees, Wm. R., starch mfr., Mars Hills, Me.
Reese & Bro., rural mail boxes, Rolling Prairie, Ind.
Reese, E. C., canned goods, Harrington, Del.
Reese, F. W., broom corn cleaners, machsts. & fndrs., Paris, Ill.
Reese, Hiram, contractor, Punxsutawney, Pa.
Reese, S. P., & Co., Harrington, Del.
Reese, Sephaniah, machst., Plymouth, Pa.
Reese-Sheriff Lumber Co., Williamsport, Pa.
Reese, W. J., Brass Fndry. Co., fndr., Quincy, Ill.
Reetz, Ewald R., hair cloth mfr., Hulmeville, Pa.
Reetz, R. C., Co., cornices, Pawtucket, R. I.
Reeve, Abner S., & Sons., masons' & bldrs.' matls, 88 Front, Newark, N. J.
Reeve, Augustus, brick, Maple Shade, N. J.
Reeve & Burr, contractors, Morristown, N. J.
Reeve, H. Edward, architect, 763 Broad, Newark, N. J.
Reeve, Hy. E., machsts. & fndrs., 459 Carroll, Brooklyn, N. Y.
Reeve, Wm. D., contractor, Englewood, N. J.
Reeve, Wm. K., contractor, 826 19th, N. W., Washington, D. C.
Reeves, Alfred J., architect, East Moline, Ill.
Reeves & Baillie, architects, Jefferson Bldg., Peoria, Ill.
Reeves Bros. Co., tanks, Alliance, Ohio.
Reeves Co., paint mfrs., 805 Howard, New Orleans, La.
Reeves, Chas. S., machsts. & brass frdrs., Horseheads, N. Y.

Reeves-Cubberly Engine Co., machsts., Trenton, N. J.
Reeves, Frank, brick, New Albany, Miss.
Reeves, Geo. H., pack'g box mfrs., 290 Greene, Brooklyn, N. Y.
Reeves, H. Alban, architect, Cham. of Com. Bldg., Los Angeles, Cal.
Reeves, Jas. M., machsts., Alexandria, Ind.
Reeves Marble Co., Atlanta, Ga.
Reeves Mfg. Co., mitre scales, models & experimental wks., Milford, Conn.
Reeves Mfg. Co., stove pipe & elbow mfrs., Dover, Ohio.
Reeves, Mark B., contractor, Wildwood, N. J.
Reeves, Paul S., & Co., bearings, bushings, castings, rods, etc., 1415 Catharine, Philadelphia, Pa.
Reeves Pulley Co., machs. & fndrs., Columbus, Ind.
Reeves & Ramsey, architects, Putnam Bldg., Davenport, Ia.
Reeves, S. V., heaters, 45 N. 2d, Philadelphia, Pa.
Reeves, Sexton Auto Co., Columbus, Ind.
Reeves & Skinner Machy Co., machry. dlrs., 2211 Olive, St. Louis, Mo.
Reeves, Stacy & Sons, contractors, 2011 Market, Phila., Pa.
Reeves Supply Co., plumbers' & steam fitters' supplies, 1304 McGee, Kansas City, Mo.
Reeves, T. C., contrs., Odd Fellow bldg, St. Louis, Mo.
Reeves, T. J., & Co., fertilizer, Thomaston, Ga.
Reeves, W. H., & Co., contractors, Greenport, N. Y.
Refiners Engineering & Supply Co., fullers earth, New York Life bldg., Chicago, Ill.
Refinite Co., water softeners, Omaha, Neb.
Reflector & Hdwe. Specialty Mfg. Co., 2235 S. Western av, Chicago, Ill.
Reflex Ignition Co., spark plugs, Cleveland, Ohio.
Reflor Hardware Co., Ottawa, Ill.
Refractory Materials Co., fire resisting cements, 30 Church, New York
Refrigerating World, trade publication, 233 Broadway, Woolworth Bldg., New York
Refrigerating, X. L. Co., 5840 S. Honore, Chicago, Ill.
Refrigeration Engineering Co., Toledo Factories Bldg., Toledo, Ohio.
Refuge Cotton Oil Co., Vicksburg, Miss.
Regal Belting Co., 2520 Spring Grove, av, Cincinnati, Ohio.
Regal Gasoline Engine Co., Coldwater, Mich.
Regal Motor Car Co., Beaubien & Trombley, Detroit, Mich.
Regal Silver Mfg. Co., New Haven, Conn.
Regan & Weller, architects, Bank of Com. Bldg., Memphis, Tenn.
Regan, Wm. P., architect, 296 Essex, Lawrence, Mass.
Regar Co., machsts. & fndrs., 1523 E. 45th, Cleveland, Ohio.
Regelmann, Henry, architect, 133 7th, New York.
Regenbogen, Philip, trunk mfrs., 736 South, Philadelphia, Pa.
Regent Brass Co., Marysville, Ohio.
Regent Stove Co., fndrs., Wyandotte, Mich.
Reger, H. P., & Co., heating contrs., 5512 Lake Pk. av, Chicago, Ill.
Regina Co., machts., 47 W. 34th, New York.
Regina Co., pianos, Rahway, N. J.
Regina Flour Mill Co., St. Louis, Mo.
Regina Swimming Devices & Nov. Co., 22 E. 21st, New York.
Register, F. P., Co., turpentine, Register, Ga.
Register, H., Bartol, architect, 1012 Walnut, Philadelphia, Pa.
Regnall, B. J., Co., contractors, 19 S. La Salle, Chicago, Ill.
Reh, I., architect, 320 5th av, New York.
Rehberger Mfg. Co., advtg. novelties, 548 Webster av, Chicago, Ill.
Reheis Bros., pearl buttons, Newark, N. J.
Rehfuss, Geo., & Sons, machsts., 1311 Carlisle, Phila, Pa.
Rehfuss, Geo. U., architect, Weightman Bldg., Phila., Pa.
Rehfuss, Martin, Jr., harness mfrs., Indianapolis, Ind.
Rehkopf Bros., carriages, Topeka, Kans.
Rehkopfs Mattress Co., Texarkana, Tex.
Rehm & Co., flag mfrs., tents, 214 Washington, New York.
Rehm Hardware Co., whol. hdwe. & screw drivers, 1501 Blue Island av, Chicago, Ill.
Rehman, August, architect, Bridgeville, Pa.
Rehoboth Packing Co., Rehoboth Beach, Del.
Rehtz, F. C., carriages, Rochester, N. Y.
Reich, John, heating contr., 623 Clark, Milwaukee, Wis.
Reich, V. E., green house bldrs. & materials, sash, door & blind mfrs., 1429 Metropolitan av, Brooklyn, N. Y.
Reichard, F. A., oxide of iron, chloride of lime, 85 Barclay, New York.
Reichard Supply Co., plumbers' supplies, Hagerstown, Md.
Reichardt, F. A., & Co., surgical instruments & safety razors, mfrs., 83 Barclay, New York.
Reichardt Piano Co., 1311 Milwaukee av, Chicago, Ill.
Reichel & Drews, machsts, 559 W. Lake, Chicago, Ill.
Reichenbach-Wickenhiser Co., whol. hdwe., Huntington, Ind.
Reichert Mfg. Co., concrete forms, 1440 Booth, Milwaukee, Wis.
Reichert, N., contrs., Racine, Wis.
Reichhelm E. P. & Co., Inc., sandblast machs., 24 John, New York.
Reichley Bros. & Co., lumber, St. Clair, Pa.
Reichmann, Theo., architect, Freeland, Pa.
Reick, Karl, machsts. & brass fndrs., Veedum, Wis.
Reid, A. E., Creamery & Dairy Supply Co., 69th & Haverford, Philadelphia, Pa.
Reid, A. P. (Est.), sash, door & blind, Parkesburg, Pa.
Reid, A. S., & Co., masons' & bldrs.' matls, 786 Broad, Newark, N. J.
Reid, Alex., & Co., tubular boilers, 165 Charles, New York.
Reid Brass Mfg. Co., bath, supply & waste fittings, 272 Kent av, Broklyn, N. Y.
Reid Bros., architects, California Pacific Bldg., San Francisco, Cal., & 129 W. 3d, Los Angeles, Cal.
Reid Brothers, hospital furniture, 585 Mission, San Francisco, Cal.
Reid Bros. Co., gauges & surface grinders, special machry. mfg., 161 Summer, Boston, Mass.
Reid Bros. Co., tubular boilers, Bellingham, Wash.
Reid Bros. Surgical Supply Co., hospital furniture, Seattle, Wash.
Reid Co., cornices, Moline, Ill.
Reid, Francis W., architect, 1725 6th av, Oakland, Cal.
Reid, Fred, stone prod., Rockford, Ill.
Reid Geisler Mfg. Co., humidifiers, 5237 Ravenswood av, Chicago, Ill.
Reid, Geo. B., architect, Henry Bldg., Seattle, Wash.
Reid, J. B., architect, Alexandria Bay, N. Y.
Reid, J. H., & Son, contractors, 1057 12th, Detroit, Mich.
Reid, Jas. M., contractor, Mount Vernon, N. Y.
Reid, John, & Co., naval architects, 17 Battery pl, New York.
Reid, Jno., Jr., architect, 1st Nat. Bk. Bldg., San Francisco, Cal.
Reid, Jno. L., heating contr., 356 Mulberry, Newark, N. J.
Reid, Jos., Gas Engine Co., Oil City, Pa.
Reid, M., & Co., contractors, 114 W. 39th, New York.
Reid Merritt J., archit., Pacific bldg, San Francisco, Cal.
Reid, Murdoch & Co., canned goods, Clark St. Bridge, Chicago, Ill.
Reid-Palmer Constr. Co., 30 E. 42d, New York.
Reid Portable Oven Co., 617 Main, Buffalo, N. Y.
Reid, R. W., machst. & fndrs., 272 Kent av, Brooklyn, N. Y.
Reid, Robt., machst., 71 Laurel, Philadelphia, Pa.
Reid, Sidney, carriages, Marlboro, N. J.
Reid, W. W., Mfg. Co., metal polish, 204 Milk, Boston, Mass.
Reid, Wilfred C., architect, 1023 Summit av, New York.
Reid, Wm. B., architect, 280 High, Holyoke, Mass.
Reid, Wm. E., contrs., Decatur, Ill.
Reid, Wm. G., & Co., parquet floors, 16 W. 47th, New York.
Reid, Wm., Glass Co., 753 Fort, W., Detroit, Mich.
Reid, Wm. W., harness leather, 235 W. Lake, Chicago, Ill.
Reidenbach, R. P., flour mills, Ashtabula, Ohio.
Reidenouer & Erickson, contractors, 535 E. 47th, Chicago, Ill.
Reidpath, Robert J., & Son, architects & engnrs, Builders' Exch., Buffalo, N. Y.
Reidy, Jno. J., linemen's climbers, New Haven, Conn.
Reidy Machine Screw Co., New Haven, Conn.
Reidy, M. J., architect, Albany, Ga.
Reif, Anton, architect, Higgins Bldg., Los Angeles, Cal.
Reif, H. A., cornices, Glendale, Cal.
Reiff, D. T., carriages, Kokomo, Ind.
Reiger, Harry J., architect, Ridgely Bldg., Springfield, Ill.
Reiges, Tobis B., mchsts., Pottstown, Pa.
Reiland Packing Co., meat packers, Grand Rapids, Wis.
Reiley, Robt. J., architect, 477 5th av, New York.
Reilley Bros. Ladder Co., 324 W. 41st, New York.
Reilly, A. E., roll grinding & corrugating, 176 N. Division, Buffalo, N. Y.
Reilly, Austin L., architect, Bennett Bldg., Wilkes-Barre, Pa.
Reilly Bros. & Raub, masons' & bldrs.' matls., who. hdwe., mill & facty. supplies, Lancaster, Pa.
Reilly, C. J., htg. contr., 1176 Gaylord, Denver Colo.
Reilly, Cornelius M., contrs., Wilkes-Barre, Pa.
Reilly, Daniel, htg. contr., North Yakima, Wash.
Reilly, Dennis E., architect, Derby, Conn.
Reilly Engineering Co., heating contrs., College Point, N. Y.
Reilly, Eugene, architect, 63 W. 34th, Bayonne, N. J.
Reilly, Frank X., architect, Pottsville, Pa.
Reilly, Hugh, Co., paint, oils & glass wholesale, Washington, D. C.
Reilly, J. E., Stone Co., 10 Riverside av, Newark, N. J.
Reilly, J. F., & Co., artificial stone laundry tubs, San Francisco, Cal.
Reilly, J., Jr., cornices, Bridgeport, Conn.
Reilly, John, patent leather, 40 Av. C, Newark, N. J.
Reilly, John W., architect, 802 Hamilton, Allentown, Pa.
Reilly & Lathrop, masons' & bldrs.' matls., Northfield, Minn.
Reilly & Manz, bed springs, 192 R. R. av, Jersey City, N. J.
Reilly, P., & Son, patent leather, Passaic av, Newark, N. J.
Reilly Steam Pump Works, Louisville, Ky.
Reilly, Thos., contractor, 1616 Thompson, Philadelphia, Pa.
Reilly, W. W., & Bro., lumber, Brisbane Bldg., Buffalo, N. Y.
Reily, A. E., architect, Eau Claire, Wis.
Reiman, G. E. & E. E. Co., contractors, Nap av & Pitt, New Orleans, La.
Reiman Lime & Cement Co., masons' & bldrs.' matls., Terre Haute, Ind.
Reimar, C. F., & Co., contractors, Marshalltown, Ia.
Reimard Bros., contractors, Bloomsburg, Pa.
Reimer & Herlin, architects, Marshalltown, Ia.
Reimer, Jno. B., masons' & bldrs.' matls., Ozone Park, N. Y.
Reimer, Louis A., heating contr., 650 3d, Milwaukee, Wis.
Reimers-Kaufman Co., stone—artificial bldg., Lincoln, Neb.
Reimers Mfg. Co., elec. sad irons, 517 W. 45th, New York.
Reimers, Peter A., cornices & skylights, Davenport, Ia.
Reinbold, Ernst, brick, Sebewaing, Mich.
Reinbold, Jos., Bronze Co., fndrs., Newark, N. J.
Reinbold Mfg. Co., fruit parers, 139 Beaubier, Detroit, Mich.

Reindollar Co., fertilizer mfrs., Taneytown, Md.
Reinemund Hardware Co., Audubon, Ia.
Reinert Bros. Constr. Co., St. Joseph, Mo.
Re-Inforced Concrete Co., Wright Bldg., St. Louis, Mo.
Reinforced Concrete Roof Co., Youngstown, Ohio.
Reinforced Rail Joint Co., Syndicate Trust Bldg., St. Louis, Mo.
Reinhardt, Adolph, contractors, Terre Haute, Ind.
Reinhardt Bros., contractors, 645 5th av, New York.
Reinhardt, C. H., contractor, 41st & Oklahoma, Milwaukee, Wis.
Reinhart & Donovan Co., steel structural work, Oklahoma, Okla.
Reinhart, H. M., contractors, Calvert Bldg., Baltimore, Md.
Reinheimer Quarries Co., New Paris, Ohio.
Reinhold Belting & Supply Co., leather belting, 49 Atlantic av, Brooklyn, N. Y.
Reinhold, Henry L., Jr., architect, 1309 Walnut, Phila., Pa.
Reinhold Mfg. Co., machsts., Detroit, Mich.
Reinhold & Meyer Mfg. Co., dairy apparatus & supplies, Plymouth, Wis.
Reinhold Noflux Aluminum Solder Co., 31 Clinton, Newark, N. J.
Reinke, Gust., contractor, Sandusky, O.
Reinle Salmon Co., store fixtures, Warner & Stockholm, Baltimore, Md.
Reinschmidt, C. & H., blowing balls, Rochester, N. Y.
Reis, G., & Bro., hosiery bands & labels, 900 B'way, New York.
Reis, J. B., Lumber Co., Belleville, Ill.
Reis, John, contrs., Two Rivers, Wis.
Reiser, Mac L., architect, 189 Bristol, Brooklyn, N. Y.
Reiser Machine Shop, Ltd., Lake Charles, La.
Reisert Automatic Water Purifying Co., 23 E 26th, New York.
Reisig, Chas. H., aniline colors, etc., 269 Water, New York.
Reisinger, Hugo, arc light carbons, 11 B'way, New York.
Reisinger, Robt. L., & Co., bldg. contrs., First Natl. Bank Bldg., Milwaukee, Wis.
Reisman, Louis, architect, Dime Bank Bldg., Scranton, Pa.
Reisner, W. H., Mfg. Co., pipe organ hardware, optical specialties, etc., Hagerstown, Md.
Reiss Bros. Co., pipes, 208 W. Monroe, Chicago, Ill.
Reissman, Otto, architect, 147 4th av, New York.
Reite, J. B., contractor, 951 Mission, San Francisco, Cal.
Reiter, E. H., boiler flue & tube cleaners, Elgin, Ill.
Reiter, G. C., unmounted elec. bell gongs & stamping, Canton, O.
Reiter, Irvin T., Co., contrs., Commercial Trust Bldg., Philadelphia, Pa.
Reith Polish Co., metal polish, 1626 N. Sawyer av, Chicago, Ill.
Reith, Wm., glass embossers & stainers, 134 N. 7th, Phila., Pa.
Reitnauer, Jas., flour mills, Pikesville, Pa.
Reitz Bros. Co., masons' & bldrs.' matls., Portsmouth, Ohio.
Reitz Bros. Stone Co., 4500 Chouteau av, St. Louis, Mo.
Reitz, Clemens, Sons Co., lumber mfrs., Evansville, Ind.
Reitz, John A., & Sons, lumber mfrs., Evansville, Ind.
Reitze Wall Paper & Paint Co., Denver, Colo.
Relc Extinguisher Corp. of America, 52 Vanderbilt av, New York.
Reliable Auto. Parts Co., 244 W. 49th, New York.
Reliable Elec. Co., testing clamps, horse clipping machines, etc., 411 S. Sangamon, Chicago, Ill.
Reliable Engine Co., gas, oil & traction engines, Portsmouth, Ohio.
Reliable Incubator & Brooder Co., Quincy, Ill.
Reliable Machine Co., gas engines, Anderson, Ind.
Reliable Machine Co., sheet metal stamping, 5320 St. Clair av, Cleveland, Ohio.
Reliable Machine Co., wire, Bridgeport, Conn.
Reliable Match Co., Ashland, Ohio.
Reliable Stamping Co., cornices & skylights, Tacoma, Wash.
Reliable Stamping Co., folding rules, Buffalo, N. Y.
Reliable Stove Co., Cleveland, Ohio.
Reliable Water Motor & Mfg. Co., Burlington, Ia.
Reliance Arch'l Iron Wks., 253. Monitor, B'klyn, N. Y.
Reliance Automatic Fdry. Co., switches, Racine, Wis.
Reliance Boiler Wks., Oshkosh, Wis.
Reliance Buggy Co., St. Louis, Mo.
Reliance Co., auto. locks & tow lines, 415 S. Sangamon, Chicago, Ill.
Reliance Construction Co., Board of Trade Bldg., Indianapolis, Ind.
Reliance Die & Stamping Co., 515 N. La Salle, Chicago, Ill.
Reliance Electric & Engng. Co., "Reliance" electric motors and generators, 1064 Ivanhoe rd, Cleveland, Ohio.
See adv index at end of book.
Reliance Elec. Htg. Co., cooking app., Columbia, Pa.
Reliance Elevator Co., 212 W. Austin av, Chicago, Ill.
Reliance Engng. Co., machsts. & fndrs., Lansing, Mich.
Reliance Equipment Co., mill & facty. supplies, Mobile, Ala.
Reliance Fertilizer Co., Savannah, Ga.
Reliance Fireproof Door Co., 47 Milton, Brooklyn, N. Y.
Reliance Fndry. Co., Richmond, Ind.
Reliance Gauge Column Co., stem traps, etc., Cleveland, Ohio.
Reliance Instrument Co., storage battery charging sets, ammeters, etc., 1135 W. Van Buren, Chicago, Ill.
Reliance Lumber Co., Seattle Wash.
Reliance Mach. & Tool Wks., Channing & Franklin avs, St. Louis, Mo.
Reliance Mach. Wks., Hedge & Plum, Phila., Pa.
Reliance Machy. & Supply Co., mill & facty. supplies, 217 S. Peters, New Orleans, La.
Reliance Mfg. Co., locks, nuts, & washers, Massillon, Ohio.
Retliance Mfg. Co., machst., Pasadena, Cal.
Reliance Mfg. Co., oil extractors, Cleveland, Ohio.
Reliance Metal Co., Quincy, Mass.
Reliance Milling Co., flour, Murphysboro, Ill.
Reliance Motor Truck Co., Appleton, Wis.
Reliance Oil & Grease Co., 50 South, New York.
Reliance Oil & Grease Co., wire rope coating, Cleveland, Ohio.
Reliance Paint Co., Akron, Ohio; 357 Bond, B'klyn, N. Y., & 25 Beaver, New York.
Reliance Pattern Wks., 3202 Smallman, Pittsburgh, Pa.
Reliance Quarry & Const. Co., stone prod., Alton, Ill.
Reliance Steel Casting Co., 28th & Smallman, Pittsburgh, Pa.
Reliance Steel & Tool Co., 24 Murray, New York.
Reliance Toggle & Machine Co., wooden toggle mfrs. & jobbing machsts., Lowell, Mass.
Reliance Varnish Wks., 104 Johonson, Newark, N. J.
Remacle, Louis H., machsts., 246 Canal, New York.
Remaly Mfg. Co., buckets, etc., Tamaqua, Pa.
Remer Bros., masons' & bldrs. matls., Saginaw, Mich.
Remhof, Chas., globe holders, 375 Kent av, B'klyn, N. Y.
Remick, A. R., masons' & bldrs. matls., Kelso, Wash.
Remick, Arthur T., architect, 15 W. 38th, New York.
Remick, Timothy, & Co., waste, 176 Federal, Boston, Mass.
Remick, Jas. S., Co., auto. accessories, Sacramento, Cal.
Remien & Kuhnert Co., enamels, 63 W. Grand av, Chicago, Ill.
Reminder Clock Co., automatic interval, East Oakland, Cal.
Remington Arms Union Metallic Cartridge Co., Inc., 233 B'way, New York.
Remington, Cornelius G., architect, Hampton, Va.
Remington, F. H., contractor, Rutland, Vt.
Remington, H. E., & Co., pads & tablets, Fitchburg, Mass.
Remington Mach. Co., 411 E. Front, Wilmington, Delaware.
Remington Motor Co., 9 Central Park W., New York.
Remington Oil Engine Co., Stamford, Conn.
Remington Oil Engn. Co. elec. lgt. plants, 30 Church, New York.
Remington Packing Co., canned goods, Moorhead, Minn.
Remington Paper & Power Co., Inc., Watertown, N. Y.
Remington & Sherman Co., machsts. & fndrs., 636 Richmond, Phila., Pa.
Remington Typewriter Co., machsts., 374 B'way, New York.
Remington Wrapping Machine Co., 30 Church, New Yorok.
Remley, Esley P., ties, Dermott, Ark.
Remmel, B. E., architect, Porterville, Cal.
Remmel, Nicholas, machsts. & fndrs., Kewaskum, Wis.
Remmers, B., & Sons, centrifugals, grain dryers, sand filters, etc., 1227 Germantown, Philadelphia, Pa.
Remmers, F. J., Contr. & Bldg. Co., 805 Cass av, St. Louis, Mo.
Remmers Soap Co., 2261 Spring Grv. av, Cincinnati, Ohio.
Remmey, Rich. C., Son, Co., chemical stoneware, cupola linings or blocks, etc., Hedley & Del., Philadelphia, Pa.
Remolite Point Co., San Francisco, Cal.
Remp, R., brick, Dresbach, Minn.
Rempe Co., pipe bends, 341 N. Sacramento av, Chicago, Ill.
Rempe, F., & Son, sash, door & blind mfrs., Oakley, Ohio.
Rempis & Gallmeyer Fdry. Co., Grand Rapids, Mich.
Remppis, W. F., Iron Works, arch. & ornamental iron works, 226 Spruce, Reading, Pa.
Remy Bros. Co., Kokomo, Ind.
Remy Elec. Co., Anderson, Ind.
Renaud, D. J., & Son, machsts. & brass fndrs., Carthage, N. Y.
Renault Selling Branch, automobile bldrs., 719 5th av, New York.
Rendle, G. T., Co., contractors, 270 Condor, E. B., Boston, Mass.
Rendle-Stodard Co., contrs., Chelsea, Mass.
Rendle, W. S., dock bldg. contractor, 135 Prescott, Boston, Mass.
Rendrock Powder Co., 106 Wall, New York.
Re-New Lamp Co., Malden, Boston, Mass.
Renfrew Machy. Co. (Ltd.), 1st Nat. Bk. Bldg., Milwaukee, Wis.
Renfrew Mfg. Co., cotton damasks, Adams, Mass.
Renfrew, R. M., canned goods, Fayetteville, Pa.
Renfrow & Dean, flour mills, Dundee, Ky.
Renim Specialty Co., boxes, panel board cabinets, Brighton, Boston, Mass.
Renn-Davis & Co., mattress mfrs., Portsmouth, Va.
Renn & Morrison, brick, Haverstraw, N. Y.
Rennacker Construction Co., 10 S. La Salle, Chicago, Ill.
Renneburg, Edw. & Sons Co., machinery mfrs., 2639 Boston, Baltimore, Md.
Rennie, John T., machsts. & fndrs., Cairo, Ill.
Renninger, John H., contractor, Schuykill Haven, Pa.
Rennolds, J. A., & Bro., lbr., 116 Broad, New York.
Rennous, Kleinle & Co., paint brushes, 3221 Frederick av, Baltimore, Md.
Reno Bros. Paint Co., Pulaski, Pa.
Reno-Kaetker Elec. Co., motor charging rheostats, 41 Main, Cincinnati, Ohio.
Reno Mfg. Co., neck yokes, staples, etc., Erie, Pa.
Reno Pressed Brick Co., Reno, Nevada.
Renoudet, P. L., Lumber Co., Ltd., New Iberia, La.
Renshler, John D., coffins, Findlay, Ohio.
Rensselaer Lumber Co., Rensselaer, Ind.
Rensselaer Polytechnic Institute, engng. schools & colleges, Troy, N. Y.
Rensselaer & Valatie Mills, sweaters, cardigans, etc., Valatie, N. Y.

Rensselaer Valve Co., mfrs., Troy, N. Y.
Renton, G. W., trap vents, 28 Johnson av, Brooklyn, N. Y.
Renton, Wm., machst. & fndr., Pittsburgh, Pa.
Rentz Lbr. Co., Fort McCoy, Fla.
Renwick, Aspinwall & Tucker, architects, 8 W. 40th, New York.
Renwick, Ed. A., architect, Monroe Bldg., Chicago, Ill.
Renwick, Wm. W., architect, 38 W. 32nd, New York.
Renwick, W. W., architect, Short Hils, N. J.
Reo Motor Car Co., Lansing, Mich.
Reordway Mfg. & Sales Co., gauge glass reflectors, Marquette Bldg., Chicago, Ill.
Reppell-Murphy Elec. Co., bell ringing transformers, 3307 Summit, Kansas City, Mo.
Reppenhagen, M. E., razor strops, Highland Falls, N. Y.
Replogle Co., flour mills, Red Oak, Ia.
Reproduction Co., advt. nov. & spec., 351 Jay, Brooklyn, N. Y.
Repsdorph Tent & Awning Co., Houston, Tex.
Republic Construction Co., 233 B'way, New York, & Merchants Bank Bldg., Indianapolis, Ind.
Republic Creosoting Co., sanitary flooring & wood paving blocks, Merchants Bk. Bldg., Indianapolis, Ind.
Republic Dist. Co, Curtis Bay, Md
Republic-Dodge Mfg. Co., carbon paper & typewriter ribbons, 188 3d av, Brooklyn, N. Y.
Republic Flow Meters Co., 565 Washington blvd, Chicago, Ill.
Republc Iron & Steel Co., Youngstown, Oho.
Republic Iron Wks., cement block machy., Tecumseh, Mich.
Republic Mfg. Co., mill & facty. supplies, 14 N. Peoria, Chicago, Ill.
Republic Mfg. Co., steel ranges, cement rammers, hay racks, etc., Milwaukee, Wis.
Republic Metalware Co., 90 Alabama, Buffalo, N. Y.
Republic Mining & Mfg. Co., bauxite, Harrison Bldg., Phila., Pa.
Republic Motor Truck Co., Alma, Mich.
Republic Paint & Lead Wks., rfg. cements, E. 131st & Taft av, Cleveland, Ohio.
Republic Rubber Co., Youngstown, Ohio.
Republic Stamping & Enameling Co., Canton, Ohio.
Republic Stove & Mfg. Co., Cleveland, Ohio.
Republic Structural Iron Works Co., 1350 E. 53d, Cleveland, O.
Republic Supply Co., oil & gas well supplies, Humble, Tex.
Republic Well Supp. Co., mill & facty. supp., San Francisco, Cal.
Repult, J. W., flour, Plantersville, Miss.
Requa Mfg. Co., manicure sets, 1193 Atlantic av, Brooklyn, N. Y.
Requa, S. E., lbr. mfrs., Monsey, N. Y.
Requarth, C. W., Co., reinf. concrete steel const., Charlotte, N. C.
Requarth, F. A., Co., sash, door & blind mfrs., Dayton, Ohio.
Res Mfg. Co., spice cabinets, holders, hooks, etc., 2907 Meinecke av, Milwaukee, Wis.
Resch, Jno. A., architect, 170 Lexington av, Jersey City, N. J.
Reschke Machine Works, Wichita, Kans.
Research Mfg. Co., pickling compounds, Oak Lane Station, Pa.
Reserve Mining Co., iron ores, Cleveland, Ohio.
Resler, J. A., sashes, doors & blinds, Caledonia, Ohio.
Resolute Pottery Co., Trenton, N. J.
Ress, W. N., machsts., Lincoln, Neb.
Ressler, G. S., & Co., carpet beaters, Lansing, Mich.
Ressler, Nick, architect, Mandan, N. D.
Restein Clement Co., mill & facty. supplies, 139 N. 2d, Philadelphia, Pa.
Restick Lumber Co., 992 Vinewood av, Detroit, Mich.
Retail Coalman, trade publication, Monadnock Bldg., Chicago, Ill.
Retardo Fire Proof Paint Co., 416 E. North av, Milwaukee, Wis.
Rethorford Bros., lighting devices & machy., Muncie, Ind.
Retlaw Mfg. Co., indicators, 812 Woodbridge, E. Detroit, Mich.
Retmier, Frank C., contractor, Lemcke Bldg., Indianapolis, Ind.
Restorall Products Co., polishing mops, 189 Pearl, New York.
Retsof Mining Co., rock salt mfrs., 2 Rector, New York.
Retting Furn. Co., Grand Rapids, Mich.
Reubens, S., & Bro., scrap brass, 68 Cliff, New York.
Reul Bros., sash, door & blind, Helenville, Wis.
Reule Fred'k, mill & facty. supplies, Lafayette, Ind.
Reuter, Carl H., adding & calculating machines, Land Title Bldg., Philadelphia, Pa.
Reuter Elec. Co., signs, 343 6th, Cincinnati, Ohio.
Reuter, G. A., lumber, Fort Recovery, Ohio.
Reuter & Harrington, architects, Frost Bldg., San Antonio, Tex.
Reuter, Henry, & Sons, cornices & skylights, Kankakee, Ill.
Reuter Hub & Spoke Co., Dexter, Mo.
Reuter Milling Co., flour, Flat River, Mo.
Reuter, O. P., architect, 105 S. 5th, Louisville, Ky.
Reuther Bros., fndrs., Harrison, N. J.
Reuther Mfg. Co., potato diggers, Hamburg, N. Y.
Reuther-Scanlon Handle Co., Nashville, Tenn.
Reuting, D. F., sash, door & blind, Titusville, Pa.
Reutschler Bros., carriages, 1767 15th, San Francisco, Cal.
Reuwer, Chas. H., architect, 710 N. Howard, Baltimore, Md.
Revell, A. H., Co., furniture for public bldgs., 141 S. Wabash av, Chicago, Ill.
Revels, Frederick W., architect, Syracuse University, Syracuse, N. Y.
Revere Drop Forge Co., Revere, Mass.
Revere Motor Cars Corp., Logansport, Ind.
Revere Rubber Co., packing mfrs. & rubber gds., Chelsea, Mass.
Revere Rubber & Supply Co., machsts. tools, 1520 Main, Kansas City, Mo.
Revere Sugar Refinery, 15 Broad, Boston, Mass.
Reves-Shorter Co., fertilizer mfrs., Eufaula, Ala.
Revis, Wm. H., tile, cements, 1123 B'way, New York.
Revolute Mach. Co., blue & black prints & papers, 417 E. 93d, New York.
Revolution Cotton Mills, Greensboro, N. C.
Revolving Door & Fixture Co., revolving door mfrs., 1328 B'way, New York.
Rex Battery Co., 2505 S. State, Chicago, Ill.
Rex Buggy Co., carriages & wagons, Connersville, Ind.
Rex Cleaner Co., vacuum cleaner mfrs., 431 Kent av, Brooklyn, N. Y.
Rex Distilling Co., 49 Causeway, Boston, Mass.
Rex File & Saw Co., Newcomerstown, Ohio.
Rex Filter Co., water, 6 Cedar, New York.
Rex Ignition Mfg. Co., 1779 B'way, New York.
Rex Typewriter Co., 49 B'way, New York.
Rexford Gummed Tape Co., 598 Clinton av, Milwaukee, Wis.
Rex-Harris Fire Appilance Co., 39 E. 19th, New York.
Rex Hoop, Stave & Heading Co., Helena, Ark.
Rex Knitting Co., Little Falls, N. Y.
Rex Mfg. Co., clothes washing machines, Johnstown, Pa.
Rex Mfg. Co., tel. transmitter arms, Corry, Pa.
Rex Mfg. Co., tool post mfrs., Cambridge, Mass.
Rex Milling Co., flour, Drapers, Va.
Rex Paper Co., Kalamazoo, Mich.
Rex Plaster Co., magnesite, Los Angeles, Cal.
Rex Typewriter Co., 108 N. Wabash av, Chicago, Ill.
Rex Wrench Co., adjustable wrenches, Hathaway bldg., Boston, Mass.
Rexford Gummed Tape Co., Milwaukee, Wis.
Rexim Co., blue prints, 908 Chestnut, Philadelphia, Pa.
Rexine Co., metal polish, hand soap, Sheboygan, Wis.
Rexroth, Louis, machsts., Indianapolis, Ind.
Reyburn-Hunter & Co., machsts., 494 N. American, Phila., Pa.
Reyburn Mfg. Co., R.R. manifolding paper, tags, etc., 23d & Allegheny av, Philadelphia, Pa.
Reymann, Paul O., Co., meat packers, Wheeling, W. Va.
Reynertson, Theis J., architect, 1937 N. Crawford av, Chicago, Ill.
Reynes, E. M., architect, 316 Baronne, New Orleans, La.
Reynold-Zahn Co., hdwe. mfrs., 46 Mechanic, Newark, N. J.
Reynolds, A., masons' & bldrs.' matls., Russell, Pa.
Reynolds, A. W., architect, Majestic Bldg., Denver, Colo.
Reynolds, B. F., & Co., steam htrs, 414 N Dearborn, Chicago, Ill.
Reynolds Bros., hand cut files, Columbus, Ohio.
Reynolds Bros., wood handles, Corunna, Ind.
Reynolds Chalou Fdry. Co., grey iron castings, Troy, N. Y.
Reynolds, Clifford W., contractor, 50 Church, New York.
Reynolds Constr. Co., 308 S. 9th, Newark, N. J.
Reynolds-Dull Flasher Co., 18 S. Wells, Chicago, Ill.
Reynolds, E. J., & Co., furnace sand, Utica, N. Y.
Reynolds, E. J., Sand Co., Utica, Ill.
Reynolds, E. P., arch'l iron, 411 E. 91st, New York.
Reynolds, E. W., canned goods, Troutville, Va.
Reynolds Electric Co., electric motors & electric sign flashers, 421 S. Talman av, Chicago, Ill.
Reynolds, G. W., flour mills, Chalk Level, Va.
Reynolds, G. W. H., Fndry. Co., Troy, N. Y.
Reynolds, Gardner W., plumbers' solder, Meriden, Conn.
Reynolds Gas Regulator Co., Anderson, Ind.
Reynolds, H. B., Mfg. Co., fountains (poultry), Fredericktown, Md.
Reynolds, H. M., Shingle Co., Grand Rapids, Mich.
Reynolds Home Mixture Guano Co., Reynolds, Ga.
Reynolds & Hughes, contractors, 104 E. Saratoga, Baltimore, Md.
Reynolds, J. S., & Co., canned goods, Frederica, Del.
Reynolds, J., & Son, hot air furnaces, 1613 Filbert, Phila., Pa.
Reynolds, James, Co., green house heating, 195 State, Rochester, N. Y.
Reynolds, James, Mfg. Co., removable screw calks, New Haven, Conn.
Reynolds, James T., architect, Lawrence, Mass.
Reynolds, K. G., architect, 5 W. 16th, New York.
Reynolds Leather Goods Co., suit cases & traveling bags, Putnam, Conn.
Reynolds Machine Co., gear & screw cutting machy., Massillon, Ohio.
Reynolds Mfg. Co., curtain rings, West Toledo, Ohio.
Reynolds, Marcus T., architect, 100 State, Albany, N. Y.
Reynolds Preserving Co., Sturgeon Bay, Wis.
Reynolds, R. J., Tobacco Co., machinists, Winston Salem, N. C.
Reynolds & Reynolds Co., pads & tablets, Dayton, Ohio.
Reynolds, S. H., canned goods, Nace, Va.
Reynolds & Son, mill & facty. supplies, Barre, Vt.
Reynolds Stamp & Stencil Works, 103 Westminster, Providence, R. I.
Reynolds, T. H., Constrg. Co., 13 Park Row, New York.
Reynolds, W. A., Lumber Co., Spencerville, Ohio.
Reynolds, W. J., stone producers, Roscoe, N. Y.
Reynolds, Wm. E., architect, Green Bay, Wis.
Reynolds Wire Co., Dixon, Ill.
Reynoldsville Brick & Tile Co., Reynoldsville, Pa.
Reznor Mfg. Co., founders, Mercer, Pa.
Rezny, Jas. B., architect, 2204 S. Crawford av, Chicago, Ill.
R. & G. Soap & Supply Co., Binghamton, N. Y.
R. & H. Mfg. Co., flush switch plates, Cleveland, Ohio.

Rhamy, W. H., masons' & bldrs.' matls., Findlay, Ohio.
Rhein Bros., mattresses, 6011 S. State, Chicago, Ill.
Rheinfrank Bldg. Material Co., 620 E. 14th, New York.
Rheinfrank, G. B., architect, Gardner Bldg., Toledo, Ohio.
Rheinstein & Haas, contractors, 101 Park av, New York.
Rheinstrom Bros. Co., canned goods, Cincinnati, Ohio.
Rhinehart Grain Co., Unipolis, Ohio.
Rhineland Mach. Wks. Co., 1727 B'way, New York.
Rhinelander Iron Co., Rhinelander, Wis.
Rhinelander Paper Co., Rhinelander, Wis.
Rhinelander, R. H., contractor, Glens Falls, N. Y.
Rhinelander Refrigerator Co., Rhinelander, Wis.
Rhinesmith & Simonson, sash, door & blind mfrs., Ft. Wayne, Ind.

Rhoades, P. T., & Sons, contrs., McKeesport, Pa.
Rhoades, R. W., & Co., machsts. & fndrs., Long Island City, N. Y.
Rhoads, Irwin G., boiler compounds, Manhattan Bldg., Philadelphia, Pa.
Rhoads, J. E., masons' & bldrs.' matls., Harrisburg, Pa.
Rhoads, J. E., & Sons, mill & facty. supplies & round belting mfrs., 12 N. 3d, Philadelphia, Pa.
Rhoads, Maurice R., contractors, architects, Chambersburg, Pa.
Rhoads, Samuel, farm wagons, Anderson, Ind.
Rhode Bros., trunk mfrs., 121 Passyunk av, Philadelphia, Pa.
R. I. Advertising Lead Pencil Co., Rock Island, Ill.
R. I. Braiding Mach. Co., 228 Aborn, Providence, R. I.
R. I. Brass Fndry. Co., 108 Pine, Providence, R. I.
R. I. Brush Co., 50 Daniel av, Providence, R. I.
R. I. Cement Drain Pipe Co., 500 Valley, Providence, R. I.
Rhode Island Humidifier Co., Boston, Mass.
R. I. Paving & Granolithic Co., contrs., 27 Penn, Providence, R. I.
R. I. Malleable Iron Wks., Hills Grove, R. I.
R. I. Constructor & Supply Co., Providence, R. I.
Rhode Island Fittings Co., Hills Grove, R. I.
Rhode Island Supply & Sprinkler Co., 156 West Exchange, Providence, R. I.
R. I. Perkins Horse Shoe Co., Valley Falls, R. I.
R. I. State College Dept. of Engng., Kingston, R. I.
R. I. Supply & Sprinkler Co., steam water mill supplies, automatic sprinkler equipment, 156 West Exchange, Providence, R. I.
R. I. Supply & Sprinkler Co., 141 Milk, Boston, Mass.
R. I. Telephone & Elec. Co., 55 Pine, Providence, R. I.
R. I. Tool Co., bolts, nuts, screws, etc., Providence, R. I.
R. I. Washer Co., insulating & plumbers' washers, Valley Falls, R. I.
R. I. Wire Wks., 45 Willard av, Providence, R. I.
Rhodes, A. Edward, architect, Masonic Temple, Wilmington, Del.
Rhodes Bros., masons' & bldrs.' matls., Mount Carroll, Ill.
Rhodes, G. W., turpentine, Woodville, Fla.
Rhodes & Gault, flour mills, Murphysville, Ky.
Rhodes Glass & Bottle Co., Massillon, Ohio.
Rhodes, I. M., & Co., mill & facty. supplies, Meadville, Fla.
Rhodes, J. C., & Co., shoe eyelets, New Bedford, Mass.
Rhodes, Jas. H., & Co., chemicals, 162 W. Kinzie, Chicago, Ill.
Rhodes, Jamison Co., Oakland, Cal.
Rhodes, Jamieson Co., masons' & bldrs.' matls., Alameda, Cal.
Rhodes, L. E., machinist, Hartford, Conn.
Rhodes, M. M., & Sons Co., shoe buttons, small nails, Taunton, Mass.
Rhodes Metallic Packing Co., 216½ Milton, Shreveport, La.
Rhodes Mfg. Co., cotton duck & canvas, Lincolnton, N. C.
Rhodes Mfg. Co., heating furnaces, Lane av & Sibley, Grand Rapids, Mich.
Rhodes Mfg. Co., water motors, etc., 984 Park, Hartford, Conn.
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Rhodes & Manvel, dock bldrs., 90 West, New York.
Rhodes, S. O., lumber, Elizabeth, Pa.
Rhodes Salt & Borax Co., San Francisco, Cal.
Rhodes, Wm. H., button molds, Cold Brook, N. Y.
Rhodhiss Mfg. Co., cotton sheeting, Rhodhiss, N. C.
Rhome Milling Co., flour, Rhome, Tex.
Rhyne, A. M., & Co., lbr., Avinger, Tex.
Rhyne Bros. Lumber Co., Cartersville, Ga.
Rianhard, F. Arthur, architect, Williamsport, Pa.
Rib Lake Lumber Co., Rib Lake, Wis.
Ribbeck, F. J., cornices & skylights, New Iberia, La.
Riblet Tramway Co., wire rope, Spokane, Wis.
Ric-Wil Co., conduits, Guardian Bldg., Cleveland, Ohio.
Ricard-Brewster Oil Co., 110 Orange, Wilmington, Del.
Ricardo, Geo., machinist, 22 Burling sl, New York.
Ricca, J. M., architect, 40 Hamburg av, Brooklyn, N. Y.
Ricca & Son, pianos, 89 South. blvd., New York.
Riccordino, A., scrap rubber, 1010 Webster, Pittsburgh, Pa.
Rice, A. H., Co., silk thread, Pittsfield, Mass.
Rice, A. L., paint mfrs., Adams, N. Y.
Rice, A. W., lumber, Millbury, Mass.
Rice & Adams, machinery, Buffalo, N. Y.
Rice, Barton & Fales Mach. & Iron Co., Worcester, Mass.
Rice, C., Packing Co., meat, Covington, Ky.
Rice & Co., rfg. slate mfrs., Granville, N. Y.
Rice, Daniel J., htg. contractors, 405 Lexington av, New York.
Rice & Dayton Mfg. Co., cements, Cedar Falls,
Rice-Dobby Chain Co., Millbury, Mass.
Rice, E., elastic hosiery, St. Paul, Minn.
Rice, E. A., canned goods, 2230 S. La Salle, Chicago, Ill.
Rice, E. W., Co., architect, Brattleboro, Vt.
Rice, Edw. E., & Co., colors, extracts, etc., 620 Atlantic av, Boston, Mass.
Rice, Edw. J., & Son, plumbers, 203 Main, W., Rochester, N. Y.
Rice, Edw. L., Jr., Co., architects, 815 Market, Wilmington, Del.
Rice, F. I., & Bennett, htg. contrs., 36 Chardon, Boston, Mass.
Rice, Frank L., Motor Co., machsts. & fndrs., East Boothbay, Me.
Rice, Geo. H., Co., junction boxes, 481 Sterling pl, Bklyn, N. Y.
Rice, H. H., Co., box shooks, South Athol, Mass.
Rice, Harry H., architect, Collingswood, N. J.
Rice & Hochester, tortoiseshell hair pins, 87 Fifth av, New York.
Rice, J. S. & W. M., Lbr. Co., Houston, Tex.
Rice, Jacob, & Sons, machinists, Kingston, N. Y.
Rice, James A., & Son, common brick, Roachdale, Ind.
Rice, James H. Co., plate, glass, paint mfrs., etc., 11 W. Washington, Chicago, Ill.
Rice, John, machinist, Salineville, Ohio.
Rice, Josiah L., architect, Fort Sheridan, Ill.
Rice, Jos. N., contractor, 902 Chapel, New Haven, Conn.
Rice Lake Excelsior Co., Rice Lake, Wis.
Rice Lake Iron Works, machinists & founders, Rice Lake, Wis.
Rice Lake Lumber Co., Rice Lake, Wis.
Rice Lake Mfg. Co., sash, door & blind, Rice Lake, Wis.
Rice, Laurence J., contractor, 405 Lexington av, New York.
Rice & Lockwood Lbr. Co., Springfield, Mass.
Rice, Louis P., & Co., horse collars, 230 Decatur, New Orleans, La.
Rice, M. P., contractor, Branford, Conn.
Rice, Marshall H., Monument Co., granite prod., Kansas City, Mo.
Rice & Miller Co., wholesale hardware, Bangor, Me.
Rice, Oran W., architect, Everett Bldg., New York.
Rice, P. G., & Co., contractors, 1619 Commonwealth, Boston, Mass.
Rice, P. J., bldg. contr., 459 Layton blvd., Milwaukee, Wis.
Rice & Rutledge, flour, Woodleaf, N. C.
Rice, T. B., & Sons Co., packing box mfrs., Mifflin St. Wharf, Philadelphia, Pa.
Rice, Tracy J., brass fndrs., Amherst, Ohio.
Rice Veneer & Lbr. Co., Grand Rapids, Mich.
Rice, W. M., architect, Amarillo, Tex.
Rice (Wm. M.) Inst. of Technology, engng. schools & coll., Houston, Tex.
Rice's, Bernard, Sons, table silverware, 325 5th av, New York.
Rich Bros., rattan furniture, 221 W. Pratt, Baltimore, Md.
Rich, C. E., & Co., contrs., Lancaster, Wis.
Rich, Charles C., architect, Corbett Bldg., Portland, Ore.
Rich, Harry T., architect, 431 S. Dearborn, Chicago, Ill.
Rich, J., & Bros., flannels, gloves, lumbermen's socks, Woolrich, Pa.
Rich, J. & G., mill & facty. supplies, 126 N. 6th, Philadelphia, Pa.
Rich, J. W., canned goods, Deer Creek, Ill.
Rich, Jno. P., lime, Swanton, Vt.
Rich, Louis, Constr. Co., East St. Louis, Ill.
Rich & McLean, machy. dlrs., 73 Beekman, New York.
Rich Mfg. Co., water gauges, lubricators, eccentric oilers, etc., 370 Atlantic av, Boston, Mass.
Rich & Mathesius, architects, 320 5th av, New York.
Rich, N. J., Co., sweaters, cardigans, Euclid & E. 61st, Cleveland, Ohio.
Rich, Patrick, contractor, 342 Birmington, Boston, Mass.
Rich Pump Co., machinists, South & Depot, Cincinnati, Ohio.
Rich & Putnam, landscape architects, 104 S. Warren, Syracuse, N. Y.
Rich-Simons Lumber Co., 460 Cleveland av, St. Paul, Minn.
Rich, T. E., Co., sash, door & blind, Barre Plains, Mass.
Rich Tool Co., drills, reamers, etc., Railway Exchange, Chicago, Ill.
Rich, W. H., Son & Co., architects, Lowville, N. Y.
Rich, Wm. H., Jr., umbrella mfr., 164 5th av, New York.
Richard Auto Mfg. Co., Engineers Bldg., Cleveland, Ohio.
Richard Mfg. Co., machy., presses, etc., Bloomsburg, Pa.
Richard, M., & Bates, architects, Huntington, W. Va.
Richard, S. C., & Co., architects, 430 Library, Pittsburgh, Pa.
Richard, Stephen, Co., knives, Southbridge, Mass.
Richardi & Bechtold, woodenware mfrs., Bellaire, Mich.
Richards, A. J., & Son, masons' & bldrs.' matls., Quincy, Mass.
Richards, Albert J., auto. axles, springs & tops & carriages, 632 W. Jefferson, Louisville, Ky.
Richards, B. F., architect, 65 Main, New Haven, Conn.
Richards, Benj., & Co., machsts. & fndrs., Winsted, Conn.
Richards Brick Co., Edwardsville, Ill.
Richards Bros., machinists, Umbria & Pa. R. R., Manyunk, Philadelphia, Pa.
Richards Bros., cornices & skylights, Waldboro, Me.
Richards, C. Whitfield, lubricating oils & greases, drilling compounds, 1732 Carlton, Philadelphia, Pa.
Richards & Co., whol. hdwe., metals, 192 Beverly, Boston, Mass.
Richards & Conover Hardware Co., 5th, N. W., cor. Wyandotte, Kansas City, Mo.
Richards Constr. Co., Clarksburg, W. Va.
Richards, D. M., masons' & bldrs.' matls., Kettle Falls, Wash.
Richards, D. W., architect, 215 S. 2d, Cedar Rapids, Ia.
Richards, Dexter, & Sons Co., flannels, woolen, Newport, N. H.
Richards Dredging Co., Real Estate Trust Bldg., Phila., Pa.
Richards, E. V., architect, Bennettsville, S. C.

Richardson, E. W., & Co., mill & factory supplies, 2029 Frankford, Philadelphia, Pa.
Richards, Fred J., mattresses, mops, cotton waste, etc., Springfield, Mass.
Richards & Gaston, contractors, 143 Liberty, New York.
Richards, H. C., gas engines, mill & facty. supplies, Manitowoc, Wis.
Richards, H. H., Lumber Co., West Haven, Conn.
Richards, Henry, architect, Gardiner, Me.
Richards, Henry H., architect, 327 S. La Salle, Chicago, Ill.
Richards & Hirschfeld, Inc., machinery dealers, 50 Church, New York.
Richards, I. P., Co., boilermakers' punches, etc., 23 Pemberton, Providence, R. I.
Richards Iron Works, machsts. & fndrs., Manitowoc, Wis.
Richards, J. A., machinist, Albion, Mich.
Richards, J. R., diamond drilling, Indiana, Pa.
Richards, John R., granite, Quincy, Mass.
Richards & Kelly Mfg. Co., vault & sidewalk lights, 309 W. 23d, Chicago, Ill.
Richards, L. W., cornices & skylights, Memphis, Tenn.
Richards, McCarty & Bulford, architects, Hartman Bldg., Columbus, Ohio.
Richards Mach. Co., 3417 Vliet, Milwaukee, Wis.
Richards Mfg. Co., camp stools, Marietta, Ohio.
Richards-Neustadt Construction Co., Marsh-Strong Bldg., Los Angeles, Cal.
Richards, O. S., packing box mfrs., 87 34th, Brooklyn, N. Y.
Richards, R., & Sons Co., contractors, 246 Elizabeth, Utica, N. Y.
Richards, S. C., & Co., architects, Braddock, Pa.
Richards, Samuel, brick & tile, New London, O.
Richards, Stockwell, contrs., Watertown, N. Y.
Richards Trunk Mfg. Co., 200 W. Mulberry, Baltimore, Md.
Richards, W. B., Jr., contractor, 2026 McClelland, Salt Lake City, Utah.
Richards, Walter W., buttons, Muscatine, Ia.
Richards-Wilcox Mfg. Co., door hangers & hdwe. specialties, Aurora, Ill.
Richards, Wm. G., architect, 17 Exchange, Providence, R. I.
Richards, Wm. P., architect, 112 Water, Boston, Mass.
Richards-Wilson Pipe Covering Co. 307 N. Front, Grand Rapids, Mich.
Richardson, A. Edw., architect, 100 Amity, Flushing, N. Y.
Richardson, A. G., architect, 9 Cornhill, Boston, Mass.
Richardson, A. H., Lumber Co., 176 Federal, Boston, Mass.
Richardson, A. W., architect, 941 Church, San Francisco, Cal.
Richardson Aeroplane Corp., New Orleans, La.
Richardson Ball Bearing Skate Co., 154 E. Erie, Chicago, Ill.
Richardson, Barott & Richardson, architects, 31 State, Boston, Mass.
Richardson & Bottomley, mchsts. & fndrs., West Mansfield, Mass.
Richardson & Boynton Co., mchsts. & fndrs., 31 W. 31st, New York.
Richardson Bros., carriages, Richmond, Va.
Richardson & Burgess, contractors, Colorado Bldg., Washington, D. C.
Richardson, C., architect, Moscow, Idaho.
Richardson & Clement, htg. contrs., 20 Union, Boston, Mass.
Richardson Co., cornices, Mohawk, N. Y.
Richardson & Co., second hand ry. equipments, Bessemer Bldg., Pittsburgh, Pa.
Richardson Co., lumber, 320 Marken, San Francisco, Cal.
Richardson Cypress Lumber & Shingle Co., Bucksport, S. C.
Richardson, Dana & Co., lumber, Portland, Me.
Richardson Drug Co., glass, Omaha, Neb.
Richardson & Dutt, sash, door & blind mfrs., 789 3d av, New York.
Richardson, E., Co., lumber mfrs., Saginaw, Mich.
Richardson, E. E., contractor, Norfolk, Va.
Richardson, Edro, Brass Co., mchsts. & fndrs., 318 N. Holliday, Baltimore, Md.
Richardson Engng. & Mfg. Co., auto. charging sets, Hartford, Conn.
Richardson, Eric H., art tile & fireplace dampers, 724 Market, San Francisco, Cal.
Richardson, Ernest F., contractor, Dunkirk, N. Y.
Richardson, F. W., masons' & bldrs.' matls., Owego, N. Y.
Richardson, Frank M., Co., contractors, Jacksonville, Fla.
Richardson, G. W., masons' & bldrs.' matls., Clarinda, Ia.
Richardson, Geo. O., Machy. Co., St. Joseph, Mo.
Richardson, Geo. W., slide rules, 4212 W. 24th pl, Chicago, Ill.
Richardson, H. constr., Coshocton, Ohio.
Richardson, H. W., & Son, machinists, Warwick, N. Y.
Richardson, J. B., & Son, lumber mfrs., North Vernon, Ind.
Richardson, J. D., & Son, flour mills, White Mills, Ky.
Richardson, J. Edward, architect, Dover, N. H.
Richardson, J. H., mill & facty. supp., Bridgeport, Conn.
Richardson, J. Wilson, contractor, Equitable Bldg., Baltimore, Md.
Richardson, Jason F., Jr., architect, Ottawa, Ill.
Richardson, Jno., machinist, Corning, Ohio.
Richardson, Jos. B., & Sons, masons' & bldrs.' matls., Trenton, N. J.
Richardson-Lee & Co., mill & facty. supplies, wholsale hardware, Vicksburg, Miss.
Richardson-Lovejoy Engng. Co., dry kilns, Columbus, Ohio.
Richardson Lubricating Co., Quincy, Ill.
Richardson Lumber Co., Alpena, Mich., & Florence, Ala.
Richardson Mfg. Co., pie plates, Bath, N. Y.
Richardson Mfg. Co., anvil & vise combined, Worcester, Mass.
Richardson, Orville H., lumber, Montpelier, Vt.
Richardson, P. B., masons' & bldrs.' matls., Trenton, N. J.
Richardson Paper Co., Wyoming & Cooper av, Lockland, Ohio.
Richardson-Phenix Co., lubricating apparatus, 122 Reservoir av, Milwaukee, Wis.
Richardson Piano Case Co., Leominster, Mass.
Richardson, R. D., Constr. Co., Scranton, Pa.
Richardson, R. E., ties, poles & posts, Talleysville, Va.
Richardson, R. E., & Co., lumber, West Point, Va.
Richardson, R. H., & Son, brick, Hampton, Va.
Richardson, R. R., & Co., contractors, Norfolk, Va.
Richardson, R V., contr., Hampton, Va.
Richardson Research Laboratory, metallurgists, 1836 Euclid av, Cleveland, Ohio.
Richardson & Robbins Co., canned goods, Dover, Del.
Richardson & Ross Quarry Co., granite & stone producers, Penna. Bldg., Philadelphia, Pa.
Richardson Sand Co., 6647 Ridge av, Chicago, Ill.
Richardson Scale Co., Passaic, N. J.
Richardson Silk Co., thread, 309 W. Adams, Chicago, Ill.
Richardson, T. P., canned goods, Boone Mill, Va.
Richardson, W. H., lumber mfrs., St. Louis, Mo.
Richardson, W. H., & Co., whosale hardware, Austin, Tex.
Richardson, W. P., & Co., contractors, Jacksonville, Fla.
Richardson, W. R., canned goods, Troutville, Va.
Richardson, W. T., & Co., canned goods, Rising Sun, Md.
Richardson, Wm. Symmes, architect, 101 Park av, New York.
Richardson, William V., architect, 27 State, Boston, Mass.
Richardson, Wright & Co., bedstead mfrs. & hopsital furniture, 65 Beverly, Boston, Mass.
Richardson & Yost, architects, Rockefeller Bldg., Cleveland, O.
Riche, M. L., & Co., contractors, Seattle, Wash.
Richenecker, Chas., G., carriages, Watervliet, N. Y.
Riches, Piver & Co., oxide of iron, 30 Church, New York.
Richeson, Nelson & Moore, brick, Greenville, Ohio.
Richey, Browne & Donald, architectural & ornamental iron works, Flushing av, Maspeth, N. Y.
Richey, Halstead & Quick, lbr., 702 Traction Bldg., Cincinnati, O.
Richholt Bros., brick, Holgate, Ohio.
Richie, Crawford Co., belting mfrs., 414 N. 3d, Phila., Pa.
Richie, Wm. H., landscape architect, 41 S. 15th, Phila., Pa.
Richland Cotton Oil Co., Richland, Ga.
Richland Handle Co., Butler, Ohio.
Richland Home Mixture Guano Co., Richland, Ga.
Richmond, Andrew, & Son, contrs., 541 Wood, Pittsburgh, Pa.
Richmond & Backus Co., loose leaf devices, 111 Woodward av, Detroit, Mich.
Richmond Brick Co., 50 Church, New York.
Richmond Broom Co., broom mfrs., Richmond, Va.
Richmond Bros., paint mfrs., 616 Main, Cincinnati, Ohio.
Richmond Bros. Co., metal nov. & spec., 177 Chestnut, Newark, N. J.
Richmond Carriage Works, Richmond, Ky.
Richmond Casket Co., Richmond, Ind.
Richmond Cedar Works, candy & foundry pails, lumber mfrs., woodenware & novelties mfrs., Fulton, Richmond, Va.
Richmond, Chas. H., contractor, 321 W. 3d, Los Angeles, Cal.
Richmond Cotton Oil Co., Memphis, Tenn.
Richmond & Daniels, Inc., contrs., 90 West, New York.
Richmond-Dewey Co., masons' & bldrs.' matls., Pontiac, Mich.
Richmond Elec. Works, mchsts. & fndrs., McDonough, Richmond, Va.
Richmond, F. C., Machinery Co., Salt Lake City, Utah.
Richmond Forgings Corp., Richmond, Va.
Richmond Foundry & Mfg. Co., foundry, Richmond, Va.
Richmond, Geo. H., brick, Rock Island, Ill.
Richmond Guano Co., fertilizer mfrs., Richmond, Va.
Richmond Hardware Co., 15th & Cary, Richmond, Va.
Richmond Hill Fdry. Co., Richmond Hill, N. Y.
Richmond & Holmes, tubular boilers, St. John, Mich.
Richmond Iron Works, blast furnaces, Richmond Furnace, Mass.
Richmond & Kemp, archl. iron, 21st & Washington, Phila., Pa.
Richmond, Knight C., mill engr., 10 Weybosset, Providence, R. I.
Richmond Leather Mfg. Co., belting mfrs., Richmond, Va.
Richmond Lumber Co., Richmond, Ky., & Vt.
Richmond Malleable Castings Co., Richmond, Ind.
Richmond Metal Products Co., Inc., drilling machines, 5th & Arch, Richmond, Va.
Richmond Mfg. Co., mchsts. & fndrs., Lockport, N. Y.
Richmond Mica Co., Richmond, Va.
Richmond Paper Mfg. Co., Richmond, Va.
Richmond Pressed Metal Works, Inc., trunk hardware mfrs., Richmond, Va.
Richmond Printing Ink Co., 16 N. 4th, Richmond, Va.
Richmond Radiator Co., mchsts. & fndrs., 1480 B'way, New York.
Richmond, Robt. P., paper & pulp mills, Valatie, N. Y.
Richmond Roller Mills, flour, Richmond, Ind.
Richmond Safety Gate Co., Richmond, Ind.
Richmond Sand & Gravel Co., Richmond, Va.
Richmond School Furniture Co., Muncie, Ind.
Richmond Screw Anchor Co., expansion bolts, Pulitzer Bldg., New York.
Richmond Slate Co., Richmond, Va.
Richmond Stay-Bolt Drilling Mach. Mfg. Co., Richmond, Va.
Richmond Stove Co., stove mfrs., Richmond, Va.
Richmond Structural Steel Co., 18th & Dock, Richmond, Va.

Richmond Trunk Mfg. Co., Richmond, Va.
Richmond Water Softener Co., Richmond, Ind.
Richmond Woodworking Co., coffins, caskets, etc., Richmond, Va.
Richter, A. A., architect, 6th & Court, Reading, Pa.
Richter, A. G., arch'l iron, 316 av A, New York.
Richter, C. G., & Co., ladders, Spokane, Wash.
Richter, Chas. A., contractor, Bay City, Mich.
Richter, Chas. H., architect, 68 Broad, New York.
Richter & Co., mchsts. & fndrs., 210 E. 9th, Cincinnati, Ohio.
Richter, Gustav F., surgical & dental insts., 855 De Kalb av, Brooklyn, N. Y.
Richter, H. F., Mach. Works, Los Angeles, Cal.
Richter, J. F., mchsts. & fndrs., Wahpeton, N. Dak.
Richter, Joseph, & Son, contrs., 863 Glenwood av, Buffalo, N. Y.
Richter, Julius, lumber, Chesaw, Wash.
Richter, Louis, sweaters, cardigans, etc., 617 S. 4th, Phila., Pa.
Richter Mfg. Co., buckram, burlap, book cloth, Tenafly, N. J.
Richwood Clay Co., Richwood, Ohio.
Rickard, G. W., fertilizer mfr., Medina, Ohio.
Richter, Otto F., cornices & skylights, Holyoke, Mass.
Richter, R. E., & Son, contractors, San Antonio, Tex.
Rickard, Ira D., machst. & fndr., Cobleskill, N. Y.
Rickard & Sloan, advtg. counsellors, 20 Vesey, New York.
Ricker, E., & Son Co., stone, Cambridge, Mass.
Ricker, L. H., brick, Chilton, Wis.
Ricker Mfg. Co., manhole junction boxes, hay carriers, etc., 239 N. Water, Rochester, N. Y.
Ricker, T. H., & Sons Co., machsts. & fndrs., Harrison, Me.
Rickersberg Brass Co., machsts. & fndrs., Perkins & E. 37th, Cleveland, Ohio.
Rickerson & Co., masons' & bldrs.' matls., Troy, N. Y.
Rickert, M. H., cornices, 2635 W. Madison, Chicago, Ill.
Rickert-Shafer Co., die heads & tapping machines, Erie, Pa.
Rickert's Rice Mills, 210 Girod, New Orleans, La.
Ricket, C. W., architect, Bremen, Ohio.
Ricketson Mineral Paint Wks., S. Bay, Milwaukee, Wis.
Ricketson & Schwarz, masons' & bldrs.' matls., 111 Mason, Milwaukee, Wis.
Ricketts, B. W., wholesale hardware, Coshocton, Ohio.
Ricketts & Bartlett Range Co., 319 W. Randolph, Chicago, Ill.
Ricketts & Co., chemical engrs., 80 Maiden la, New York.
Rickless, A., & Co., buffing wheels, Chelsea, Mass.
Rickman Contraction Co., Kalamazoo, Mich.
Rickrise, Thos. S., architect, 105 Audubon av, New York.
Ricks Bros., lumber & canned goods, Reynolds, Ga.
Ricks-Neisler Fertilizer Co., Reynolds, Ga.
Riddell Bros., machinists & founders, Atlanta, Ga.
Riddiford Bros., fdry. brushes, 30 S. Wells, Chicago, Ill.
Riddle Coach & Hearse Co., carriages, Ravenna, Ohio.
Riddle Co., sash, door & blind, plate & window glass mfrs., Nashville, Tenn.
Riddle, F. C., & Bro., Casket Co., 1400 Hogan, St. Louis, Mo.
Riddle, Frank D., machinist & founder, Caro, Mich.
Riddle-Rehbein Mfg. Co., sash, door & blind mfrs., 13th & O'Fallon, St. Louis, Mo.
Riddle & Riddle, architects, 122 S. Michigan av., Chicago, Ill.
Riddle & Shields, contractors, Bellingham, Wash.
Ridenbaugh, W. H., masons' & bldrs.' matls., Boise, Idaho.
Rider, A. J., contrs.' tents, Syracuse, N. Y.
Rider-Bagg Co., brass & bronze founders & coppersmiths, Springfield, Mass.
Rider-Ericsson Engine Co., machsts. & fndrs., 20 Murray, New York.
Rider Packing Co., canned goods, Crothersville, Ind.
Rider, Wm. E., & Co., grate bar mfrs., Mansfield, Mass.
Rider, Wm. W., brick, Athens, N. Y.
Ridersville Canning Co., Ridersville, W. Va.
Ridge Bros. Co., contractors, 407 4th av, Pittsburgh, Pa.
Ridge Spring Oil Mill, meal, Ridge Spring, S. C.
Ridgeley Trimmer Co., knives, tools, etc., Springfield, Ohio.
Ridgely Bros., contractors, 733 Jackson, New Orleans, La.
Ridges Food Co., 2080 Washington, Boston, Mass.
Ridgeview Sand Co., Oil City, Pa.
Ridgeville Tile & Brick Co., Ridgeville, Ind.
Ridgeway Brick Co., Ridgeway, Pa.
Ridgeway, J. A., architect, 861 W. Rich, Columbus, Ohio.
Ridgeway, Jas. B., file & rasp mfrs., Gorham, Me.
Ridgeway, Wilbur J., masons' & bldrs.' matls., Roselle Park, N. J.
Ridgewell & Hall, machsts. & fndrs., Norfolk, Va.
Ridgewood Iron Wks., architect'l & ornamental iron, 1604 De Kalb av, Brooklyn, N. Y.
Ridgway, B., & Son, stone producers, Meshoppen & N. 9th & Columbia av, Philadelphia, Pa.
Ridgway, Craig, & Son Co., elevator mfrs., Coatesville, Pa.
Ridgway Dynamo & Engine Co., Ridgway, Pa.
Ridgway Furnace Co., 80 Beverly, Boston, Mass.
Ridgway Mach. Co., Ridgway, Pa.
Ridgway Mfg. Co., mill & facty. supplies, Ridgway, Pa.
Ridgway Sand & Stone Co., Ridgway, Pa.
Ridington, A. Blair, architect, 5922 Cates av, St. Louis, Mo.
Ridley, Geo. B., & Sons, cornices & skylights, Brunswick, Me.
Ridlon, Frank, Co., dlrs. & reprs. electrical apparatus, 251 A, Boston, Mass.
Ridman, T. V., & Son, canned goods, Preston, Md.
Ridway Refrigerator Co., 3519 N. Lawrence, Philadelphia, Pa.
Riebe Ball Bearing Co., Inc., imptrs. of ball bearings, 1790 Broadway, New York.
Riebe Green Soap Co., Seattle, Wash.
Riebe, Herman, Co., contractors, Lansford, Pa.
Riebel & Sons, architects, 1st Nat. Bk. Bldg., Columbus, Ohio.
Riebenack, William B., architect, Atlantic City, N. J.
Rieber, L., & Co., children's carriages, 16 N. 4th, Phila., Pa.
Rieboldt, Wolter, & Co., ship builders, Sturgeon Bay, Wis.
Riechman-Crosby Co., mill & facty. supplies, Memphis, Tenn.
Rieck Sheet Metal Co., cornices, Monument & Taylor, Dayton, Ohio.
Riedel, J. M. E., architect, Schmitz Blk., Fort Wayne, Ind.
Riedel & Sons Mfg. Co., brass founders, New Brighton, Pa.
Rieg, Anton, architect, 2554 Vine, Cincinnati, Ohio.
Riege, Archer, Co., enameled & magnet wire, 4317 Griscom, Philadelphia, Pa.
Rieger, Chas. J., architect, Germania Bk. Bldg., Pittsburgh, Pa.
Riehl, H., & Son, machinists, 1130 Orianna, Philadelphia, Pa.
Riehle Bros. Testing Machine Co., Philadelphia, Pa.
Riehm Knitting Mills, sweaters, etc., Adams & Unity, Frankfort, Philadelphia, Pa.
Rieley Bros., canned goods, Blue Ridge Springs, Va.
Rieley Bros., contractors, 348 Arcade, Cleveland, Ohio.
Riemeier Lumber Co., Sumner nr. Gest, Cincinnati, Ohio.
Riemenschneider, Emil R., architect, 987 9th, Milwaukee, Wis.
Riemer, A. H., Shoe Co., 431 29th, Milwaukee, Wis.
Riemer, Otto, contractor, 63 French, Buffalo, N. Y.
Rieppel, Jno., machst. & fndr., Cowanesque, Pa.
Ries & Fink, machsts. & fndrs., Houston, Tex.
Ries & Hoelzel, traveling bags, 1020 Race, Philadelphia, Pa.
Rieseck Iron Works, steel, structural, 1201 Metropolitan, Pittsburgh, Pa.
Riesen, Arthur W., contractor, University Bldg., Milwaukee, Wis.
Riesenman Mfg. Co. (Ltd.), oils, paints, varnishes, etc., Franklin, Pa.
Riesens, Paul, Sons, contractors, 1018 Humboldt av, Milwaukee, Wis.
Rieser, Ely J., & Co., interior hardwood wk., 1st av & 28th, New York.
Rieser, Solon J., architect, 653 1st av, New York.
Riesmeyer, G., Dist. Co., 1324 Franklin av, St. Louis, Mo.
Riesner, Bernard A., machst. & fndr., Houston, Tex.
Riess, John, contr., New Orleans, La.
Riess Light & Fixture Co., 415 Main, Cincinnati, Ohio.
Riessner, T., bronze powder, Gold & Ann, New York.
Riester & Rubach, architects, 412 E. Missouri av, East St. Louis, Ill.
Riester & Thesmacher Co., cornices, 1512 W. 25th, Cleveland, O.
Rietbrock Land & Lbr. Co., 700 Cedar, Milwaukee, Wis.
Rife, A. W. & J., Co., brick & tile, Good Hope, Ohio.
Rife Hydraulic Engine Mfg. Co., 90 West, New York.
Riffle, David T., contractor, Keenan Bldg., Pittsburgh, Pa.
Rifle & Schoppert, machinists & founders, Waynesboro, Va.
Rigby, Ben, heating contractor, 545 W. Lake, Chicago, Ill.
Rigby, H., mill & facty. supplies, Paterson, N. J.
Rigby, James, & Son, flour mills, Cambria, Va.
Riger Constr. Co., 507 5th ava, New York.
Rigg, A. G., architect, Peyton Bldg., Spokane, Wash.
Rigg & Vantyne, architect, Peyton bldg., Spokane, Wash.
Riggin, R., & Bro., canned goods, Crisfield, Md.
Riggs & Bro., binnacles, chronometers, instruments, etc., 310 Market, Philadelphia, Pa.
Riggs Cypress Co., Ltd., Patterson, La.
Riggs, Distler & Stringer, heating contractors, 25 Light, Baltimore, Md.
Riggs, Geo. H., stone, Newport, R. I.
Riggs, J. S., architect, Hutchinson, Kan.
Riggs, John T., architect, 105 W. 40th, New York.
Righetti, P., architect, Phelan Bldg., San Francisco, Cal.
Rightbower, Frank, brick, Fremont, Neb.
Righter, Geo. W., machinist, Radnor, Pa.
Righter, J. C., cornices, Salem, N. J.
Righter & Kolb, decorative architects, 420 Madison av, New York.
Rightmire, B. W., lumber, Morgantown, W. Va.
Rigling, Wm., Egg Tester & Mfg. Co., Hamilton, Ohio.
Riker, J. L. & D. S., caustic soda, potash, etc., 19 Cedar, New York.
Rikerd Lumber Co., hardwood doors, Lansing, Mich.
Riley, Benj. F., mill & facty. supplies, Chester, Pa.
Riley Bros., auto. windshields, Bridgeton, N. J.
Riley, C. E., Co., tex. machy., supplies, etc., 161 Devonshire, Boston, Mass.
Riley, Frank M., architect, Madison, Wis.
Riley & French, silver novelties, North Attleboro, Mass.
Riley, J. M., bldg. contractor, Cambridge, Mass.
Riley, John F., machst. & fndr., Charleston, S. C.
Riley, John J., Co., machsts. & fndrs., Van Brunt, Bklyn, N. Y.
Riley-Klotz Mfg. Co., machsts. & fndrs., 17 Mulberry, Newark, N. J.
Riley Mach. Wks., machsts. & fndrs., 192 24th, Brooklyn, N. Y.
Riley Packing Co., canned goods, Farmington, Del.
Riley, Sanford, Stoker Co., Worcester, Mass.
Riley, W. H., architect, El Reno, Okla.
Riley, Wm., & Co., carriage robes, steamer rugs, etc., 238 Chestnut, Philadelphia, Pa.
Riley, Wm. F., Const. Co., contrs., Victoria Bldg., St. Louis, Mo.
Riley, Wm. H., & Son, harness, Bryan, Ohio.

Riley's Dry Dock Co., ft. Mechanic, Buffalo, N. Y.
Rill, Harry J., architect, 54 Ruhl Blk., Detroit, Mich.
Rilling, J. E., & Co., furniture for public bldgs., 295 S. Water, Milwaukee, Wis.
Rimer & Byers, contractors, 1210 Harrison, Philadelphia, Pa.
Rimmon Eyelet Co., Seymour, Conn.
Rinaker, Jno. I., architect, Ridgely Bank Bldg., Springfield, Ill.
Rinald Bros., enamels, paints, etc., 1142 N. Hancock, Phila., Pa.
Rinaldi Tile Co., floor mosaics, 263 Atlantic av, Boston, Mass.
Rinck, Chas., & Bro., oven bldrs., 826 Oliver, Cincinnati, Ohio.
Rinck, Jno. G., oven bldr., Williams & Colerain, Cincinnati, Ohio.
Rincon Foundry Co., 351 7th, San Francisco, Cal.
Rinderman, Henry V., architect, 1031 Co. blvd., New York.
Rinehart Bros., contractors, East Liverpool, Ohio.
Rinehart, Daniel, whol. hdwe., Waynesboro, Pa.
Rinehimer Bros. Mfg. Co., lumber, Elgin, Ill.
Rinek Cordage Co., Easton, Pa.
Rineyville Roller Mills Co., flour, Rineyville, Ky.
Ring, Edward D., contractor, Montclair, N. J.
Ring, F. G., architect, 280 N. Broad, Elizabeth, N. J.
Ring & Konneke, arch'l iron, 525 W. 24th, New York.
Ringen Stove Co., 827 Chouteau av, St. Louis, Mo.
Ringer, C. F., & Son, architects, 106 Mason, Milwaukee, Wis.
Ringer, J. G., architect, 1168 Princeton av, Birmingham, Ala.
Ringer Stove Co., 827 Chouteau av, St. Louis, Mo.
Ringle Brick Co., Wausau, Wis.
Ringle, Jacob, & Son, cornices, 83 Newark av, Jersey City, N. J.
Ringle Roofing & Plumbing Co., 83 Newark av, Jersey City, N. J.
Ringler, F. A., Co., embossing dies, 207 W. 25th, New York.
Ringrose, R., & Son, contractors, 320 Market, San Francisco, Cal.
Ringsmith, Chas. R., architect, 120 B'way, New York.
Ringwait Linoleum Wks., New Brunswick, N. J.
Ringwald, F. A., sash, door & blind mfrs., 39 S. La Salle, Chicago, Ill.
Ringwald, W. H., & Son, heating contrs., Chillicothe, Ohio.
Rinhart, H. M., & Co., contractors, Calvert Bldg., Baltimore, Md.
Rinie, Geo. M., Hdwe. Co., 2101 Gravois av, St. Louis, Mo.
Rink & Schnell, contractors, Clinton, Ia.
Rinn, Philip, Co., sash, door & blind mfrs., Division & Crosby, Chicago, Ill.
Rinshed-Gagnier Paint Co., 60 Congress E., Detroit, Mich.
Rio Grande Hardware & Machinery Co., Mercedes, Tex.
Rio Grande Packing Co., canned goods, 120 Spruce, Phila., Pa.
Riordan Brass Fdry., Worcester, Mass.
Riordan, G. C., & Co., glass stainers, etc., 313 Walnut, Cincinnati, Ohio.
Riordan Leather Co., 252 South, Newark, N. J.
Riordan, T. G., Mfg. Co., razor strops, 3943 Lincoln av, Chicago, Ill.
Ripley, B. W., ties, poles & posts, 30 N. La Salle, Chicago, Ill.
Ripley & Bartlett, tacks, nails, Plymouth, Mass.
Ripley Brick Co., Ripley, Ohio.
Ripley, C. S., fndr., So. Union, Me.
Ripley & Co., glass tumblers, 123 7th, Pittsburgh, Pa.
Ripley, Clinton B., architect, Honolulu, Hawaii.
Ripley, D., & Sons, lbr. packing box mfrs., 77 Commercial, Newark, N. J.
Ripley, David, contractor, New Brighton, N. Y.
Ripley Fdry. & Machine Co., Ripley, Ohio.
Ripley Lumber Co., Poultney, Vt.
Ripon Canning Co., Ripon, Wis.
Ripon Knitting Works, lumbermen's socks, Ripon, Wis.
Ripon Veneer & Box Works, sash, door & blind, Ripon, Wis.
Rippel, Henry S., contractor, Monford av & Chase, Balto., Md.
Rippl Mfg. Co., advtg. spec., W. Lafayette, Ohio.
Ripple, S. A., & Bros., broom mfrs., Baltimore, Md.
Rippley Mfg. & Steel Boat Co., camp stoves, Grafton, Ill.
Ripson, Wm., & Son, agricultural implements, Youngstown, N. Y.
Ripton, M. H., contractor, Rochester, N. Y.
Ripy, J. W., & Son, sash, door & blind mfrs., Ft. Worth, Tex.
Risbridger Fillet Co., 5415 St. Clair av, Cleveland, Ohio.
Rischard, John, masons' & bldrs.' matls., Wahpeton, N. D.
Rische, Chas. H., architect, 2227 Grand av, Milwaukee, Wis.
Risdon Tool & Machine Co., machsts. & fndrs., Naugatuck, Conn.
Riser & Moulding Co., iron stair bldrs., Thomas & Stewart av, Brooklyn, N. Y.
Rish, W. H., heating contr., North Yakima, Wash.
Rishel, J. K., Furn. Co., asbestos table mats, Williamsport, Pa.
Rishell Phonograph Co., Williamsport, Pa.
Rising, B. D., Paper Co., Housatonic, Mass.
Rising & Nelson Slate Co., roofing slate, West Pawlet, Vt.
Rising & Thorne, mill & facty. supplies—wholesale hdwe., 475 Broad, Newark, N. J.
Risinger Bros. Co., lamaps, East Liverpool, Ohio.
Risinger, Thos., mill & facty. supplies, masons' & bldrs.' matls., Carlisle, Ind.
Risinger, W. A., architect, Elwood, Ind.
Risley, C. V., lumber, Phila. Bourse, Philadelphia, Pa.
Risser, A., & Co., masons' & bldrs.' matls., Paris, Ill.
Risser, C., & Co., architects, Amarillo, Tex.
Risser, D. R., masons' & bldrs.' matls., Vaughnsville, Ohio.
Rissman, Maurice B., architect, 122 S. Michigan av, Chicago, Ill.
Rissmann, Paul A., architect, Elyria, O., & Lorain, Ohio.
Ristan, G. W., & Co., advtg. novelties, Kaukauna, Wis.
Ritchie, E. S., & Sons, nautical & wireless instruments, etc., Brookline, Mass.
Ritchie, F. R., & Co., contrs., Chronicle Bldg., San Fran., Cal.
Ritchie, G., & Sons, machsts., Battle Creek, Mich.
Ritchie, Geo. B., & Co., cattle, goat & horse hair, 57 Ferry, New York.
Ritchie, Geo. W., architect, Leader-News Bldg., Cleveland, O.
Ritchie, Jas. H., architect, 8 Beacon, Boston, Mass.
Ritchie, John C., contractor, Wilkes-Barre, Pa.
Ritchie, W. A., architect, Lindelle blk., Spokane, Wash.
Ritchie, W. C., & Co., paper cans, 400 S. Green, Chicago, Ill.
Ritchie-Wertz Co., contrs., Wistaria av, Dayton, Ohio.
Ritchie, Wm., Co., contractors, 115 Bishop, New Haven, Conn.
Rite-Lite Shaving Glass Co., shaving mirrors, Syracuse, N. Y.
Riter Bros. & Co., ventilator mfrs., 1022 Race, Philadelphia, Pa.
Riter-Conley Co., steel construction, Pittsburgh, Pa.
Ritger Excelsior Pottery Co., 495 N. 5th, Newark, N. J.
Rittenhouse, A. E., Co., comealongs or wire pullers, conduit benders, stretchers, etc., Honeoye Falls, N. Y.
Rittenhouse Bros., columns, Cadiz, Ohio.
Rittenhouse, C. C., architect, Wilcox Bldg., Los Angeles, Cal.
Rittenhouse & Embree Co., lumber mfrs., 3500 S. Racine av, Chicago, Ill.
Rittenhouse, Fleury Co., machsts., 316 N. Holliday, Balto., Md.
Rittenhouse, Frank, machst., Norristown, Pa.
Ritenhouse, J. F., agricultural implmts, Liberty Mills, Ind.
Rittenhouse, John C., ties, poles & posts, Cheboygana, Mich.
Rittenhouse, Wm. H., machst., Norristown, Pa.
Ritter & Bates, architects, Portsmouth, Ohio.
Ritter, C. L., Lbr. Co., Huntington, W. Va.
Ritter Dental Mfg. Co., dental equipment, Rochester, N. Y.
Ritter, H. W., Co., architects, Clarksville, Tenn.
Ritter, J. F., machinist, Abbeville, La.
Ritter, Leonard, masons' & bldrs.' matls., Saint Marys, Pa.
Ritter Mach. Co., 2310 E. Tioga, Philadelphia, Pa.
Ritter Mfg. Co., metal signs, litho., 1543 N. Hutchinson, Philadelphia, Pa.
Ritter, P., lumber, Belleville, Ohio.
Ritter, P. J., Conserve Co., 2219 Frankford, Philadelphia, Pa.
Ritter, Richard H., machst. & fndr., Sedalia, Mo.
Ritter, Verus T., architect, Huntington, W. Va.
Ritter, W. M., Lbr. Co., 115 E. Rich, Columbus, Ohio.
Ritterbush, S. G., architect, Camden, Me.
Rittler Box Co., shooks, 621 S. Caroline, Baltimore, Md.
Rittman Tile & Clay Co., Rittman, Ohio.
Ritty, A. E., Canning Co., Dayton, Ohio.
Ritzert, Oliver, architect, Callahan Bk. Bldg., Dayton, Ohio.
Ritzville Advtg. Co., spec., Ritzville, Wash.
Ritzville Flouring Mills, Ritzville, Wash.
Ritzwoller, M. H., Co., cooperage stock, 2119 W. 48th & Hoyne av, Chicago, Ill.
Ritz-Woller, Oliver Co., fuel level indicators, 166 W. Lake, Chicago, Ill.
R-I-V Co., ball bearings, 1765 B'way, New York.
Rivenes, Brynjulf, architect, Miles City, Mont.
River Furnace Co., blast furnaces, 4002 Dille av, Cleveland, O.
River & Harbor Improvement Co., contrs., Mariner & Merchant Bldg., Philadelphia, Pa.
River Raisin Paper Co., Monroe, Mich.
River Sand Co., Niagara Falls, N. Y.
Riverdale Canning Co., Ogden, Utah.
Riverdale Cotton Mills, West Point, Ga.
Riverhead Agricultural Wks., Riverhead, N. Y.
Riverside Acid Works, Warren, Pa.
Riverside Boiler Wks., Cambridge, Mass.
Riverside Brass Wks., Richmond, Ind.
Riverside Brick Co., Charlotte, N. C.
Riverside Brick & Mfg. Co., Hattiesburg, Miss.
Riverside Bridge Co., steel structural wk., 3d & Walnut, Wheeling, W. Va.
Riverside Canning Co., Hamburg, Ia.
Riverside Carriage Co., Warren, Ohio.
Riverside Contracting Co., 39 Cortlandt, New York.
Riverside & Dan River Cotton Mills, cotton sheetings, Danville, Va.
Riverside Fibre & Paper Co., Appleton, Wis.
Riverside Fdry, Great Falls, Mo.
Riverside Fdry. Co., Wrightsville, Pa.
Riverside Fdry. & Galvanizing Co., Kalamazoo, Mich.
Riverside Fuel & Supply Co., masons' & bldrs.' matls., Fremont, Ohio.
Riverside Iron Wks., machsts. & fndrs., 106th & Buffalo, Chicago, Ill., and Charleston, S. C.
Riverside Lime & Stone Co., Chicago, Ill.
Riverside Lumber Co., Knoxville, Tenn.
Riverside Mach. Wks., Kokomo, Ind.
Riverside Machine Co., mach. pipe bending, Chester, Pa.
Riverside Machy. Depot, 17-29 St. Aubin av., Detroit, Mich.
Riverside Mfg. Co., mattresses, Moultrie, Ga.
Riverside Mfg. Co., orchard heaters, Riverside, Cal.
Riverside Mfg. Co., fndrs., 162 Riverside av, Newark, N. J.
Riverside Metal Co., fndrs., Riverside, N. J.
Riverside Metal Refining Co., babbitt metal, Connellsville, Pa.
Riverside Mill Co., flour, Reno, Nev., & Shelbyville, Tenn.
Riverside Mills, bags & bagging, Augusta, Ga.
Riverside Mills, flour, Nashville, Tenn.
Riverside Oil Co., gasoline refiners, Benedun Tress Bldg., Pittsburgh, Pa.
Riverside Paper Mfg. Co., Glastonbury, Conn.
Riverside Portland Cement Co., Mills Bldg., San Francisco, Cal.

Riverside Printing Co., advtg. nov. & spec., Port Huron, Mich.
Riverside Pulp Co., Skowhegan, Me.
Riverside Pulp & Paper Co., Ballston Spa., N. Y.
Riverside Scrap Iron & Metal Co., 2580 Jefferson av, W. Detroit, Mich.
Riverside Steel Casting Co., Plank rd, Newark, N. J.
Riverton Canning Co., Riverton, Utah.
Riverton Co., paper & pulp mill, Riverton, Conn.
Riverton Lime Co., Riverton, Va.
Riverview Canning Co., Streator, Ill.
Riverview Coated Paper Co., Kalamazoo, Mich.
Riverview Iron Wks., Bordentown, N. J.
Rivetless Chain & Engng. Co., Avon, Pa.
Rivet Cutting Gem Co., pneumatic rivet cutters, 220 E. 2nd, Cincinnati, Ohio.
Rivett Lathe & Grinder Co., 2 Brooks-Brighton, Boston, Mass.
Rivitz, H. S., & Co., plumbers' supplies, 2112 Ontario, Cleve., O.
Rix Compressed Air & Drill Co., 505 Howard, San Fran., Cal.
Rixford, Loring P., architect, Sharon Bldg., San Francisco, Cal.
Rixford Mfg. Co., machsts. & fndrs., East Highgate, Vt.
Rixse & Simmon, architects, Walters Bldg., Wichita, Kans.
Rixson, Oscar C., Co., adjusters, door check mfrs., etc., 501 S. Jefferson, Chicago, Ill.
Rizzi Bros., granite, Barre, Vt.
Rizzi, L. G., granite, Barre, Vt.
Rizzolo, D. R., architect, 238 Washington, Newark, N. J.
Roach, Harry F., architect, Syndicate Bldg., St. Louis, Mo.
Roach, J. H. & Co., fdry. molding machs., Bridgeport, Conn.
Roach, Jos. A., & Co., printing inks, 622 S. Dearborn, Chicago, Ill.
Roach, Joseph S., archt., 40 Middlesex, Lowell, Mass.
Roach, M. J., & Co., contrs., No. Mem. Sav. Bk. Bldg., Memphis, Tenn.
Roach & Musser Co., sash, door & blind, Muscatine, Ia.
Roach & Stansell, contrs., No. Mem. Sav. Bk. Bldg., Memphis, Tenn.
Roach, W. R., & Co., canned goods, Hart, Mich.
Roach, Wm., masons' & bldrs.' matls., Rockville, Ind.
Road Sup. & Metal Co., Topeka, Kans.
Roadmaker, trade publication, 53 W. Jackson blvd, Chicago, Ill.
Roane Iron Co., blast furnaces, Chattanooga, Tenn.
Roanoke Coal & Coke Co., Worth, W. Va.
Roanoke Drain Tile Co., Roanoke, Ind.
Roanoke Guano Co., fertilizer mfrs., Roanoke, Ala.
Roanoke Hardware Co., Roanoke, Ala., & Va.
Roanoke Iron & Bridge Works, machsts. & fndrs., Roanoke, Va.
Roanoke Mills Co., cotton towels, Roanoke Rapids, N. C.
Roanoke Oil Co., Roanoke, Ala.
Roanoke R. R., & Lumber Co., Norfolk, Va.
Roanoke Stone & Lime Co., Roanoke, Va.
Roaring Spring Blankbook Co., pads, Roaring Springs, Pa.
Roat, A. J., Supply Co., masons' & bldrs.' matls., mill & facty. supplies, wholesale hdwe., Kingston, Pa.
Roat, Oakley, contractor, Kankakee, Ill.
Roaters, Chas. E., condensed milk machy., Detroit, Mich.
Roath Mfg. Co., vapor heating spec., Cherry & Canal, Akron, Ohio.
Roath, R. J., architect, Mohawk Bldg., Portland, Ore.
Robacher's Disinfectant Co., Rochester, N. Y.
Robb & Blackmer, junction boxes, lamp guards, etc., 129 Pearl, Boston, Mass.
Robb, C. L., Mfg. Co., shoe blacking, Bellefontaine, Ohio.
Robb, J. W., architect, Ohio Bldg., Tulsa, Okla.
Robb, John A., architect, 16 State, Rochester, N. Y.
Robbins, A. G., Packing Co., canned goods, Robbins, Md.
Robbins, A. P., & Son, contractors, 58 Front, Worcester, Mass.
Robbins, A., Varnish Co., 1537 N. 8th, St. Louis, Mo.
Robbins, B. A., Lime Co., masons' & bldrs.' matls., Cavendish, Vt.
Robbins, C. C., architect, Ainsworth Bldg., Portland, Ore.
Robbins Co., advtg. spec., 12 John, New York.
Robbins & Cowles, masons' & bldrs.' matls., whol. hdwe., Brattleboro, Vt.
Robbins, Gamwell & Co., machy. dlrs., Pittsfield, Mass.
Robbins, H. G., metal bldg. corners, Kewanna, Ind.
Robbins Hardware Co., Selma, Ala.
Robbins, I. R., masons' & bldrs.' matls., Perth Amboy, N. J.
Robbins, Jno., Mfg. Co., badges & emblems, 58 Kneeland, Boston, Mass.
Robbins, L. T., Lbr. Co., sash, door & blind mfrs., Plymouth, Mass.
Robbins Lumber Co., Rhinelander, Wis., & Wilkes-Barre, Vt.
Robbins & McGowin Co., fertilizer mfrs., Brewton, Ala.
Robbins Mach. Co., Worcester, Mass.
Robbins Mfg. Co., weather strips, 1815 N. Central Park av, Chicago, Ill.
Robbins & Myers Co., dynamos, motors, elec. fans, etc., 1400 Lagonda av, Springfield, Ohio.
Robbins, W. P., masons' & bldrs'. matls., Benton Harbor, Mich.
Robelot, A. N., architect, Tulane-Newcomb Bldg., New Orleans, La.
Roberds Mfg. Co., wall boards, Marion, Ind.
Roberson, Alonzo, & Son, sash, door & blind mfrs., Binghamton, N. Y.
Roberson, Jno. W., & Co., flour mills, Louden, Tenn.
Robert, J. Breckenridge, Stone Co., stone producers, Grove City, Pa.
Roberte Bros., mattresses, 1342 Long Beach av, Los Angeles, Cal.
Roberts, A., bldg. contr., Duluth, Minn.
Roberts, B. A., Son & Co., masons' & bldrs.' matls., Chase City, Va.
Roberts, B. E., & Co., flour, Millsprings, Ky.
Roberts & Berwis, architects, Wichita Falls, Tex.
Roberts Brass Mfg. Co., brass fndrs., Detroit, Mich.
Roberts' Bros., canned goods, 427 E. Lexington, Baltimore, Md.
Roberts Bros., contrs., Springfield, Ohio.
Roberts Bros., contractors, 17 N. La Salle, Chicago, Ill.
Roberts Bros. Flour Mills, Warsaw, N. Y.
Roberts-Brown Lbr. Co. (Ltd.), Shreveport, La.
Roberts & Carter, roofing slate, Poultney, Vt.
Roberts & Co., lumber, 1419 Gravier, New Orleans, La.
Roberts & Veneer Co., lumber, New Albany, Ind.
Roberts Cotton Oil Co., Memphis, Tenn.
Roberts, D. E., street signs, Racine, Wis.
Roberts, E. J., & Son, turpentine, St. George, Ga.
Roberts, Earl A., architect, Selling Bldg., Portland, Ore.
Roberts, Eben E., architect, 82 W. Washington, Chicago, Ill.
Roberts, Ellwood, Co., fertilizer mfrs., Drexel Bldg., Phila., Pa.
Roberts Filter Mfg. Co., 6th & Columbus av, Darby, Phila., Pa.
Roberts, Frank C., & Co., archl. engineers, Real Estate Trust Bldg., Philadelphia, Pa.
Roberts, G. D., & Co., machsts. & fndrs., Columbus, Wis.
Roberts, G. G., Corp., tacks, Whitman, Mass.
Roberts, G. T., roofing slate mfr., West Pawlet, Vt.
Roberts, G. W., cornices, Superior, Wis.
Roberts, Geo. I., & Bros., mill & facty. supplies, 471 4th av, New York.
Roberts, Geo. J., Co., machsts., Dayton, Ohio.
Roberts, H. C., Elec. Supply Co., ry. supplies, 905 Arch, Philadelphia, Pa.
Roberts, H. W., canned goods, Clara, Md.
Roberts, H. W., & Co., contractors, Utica, N. Y.
Roberts-Hamilton Co., plumbers' supplies, htg. contrs., etc., 413 S. 4th, Minneapolis, Minn.
Roberts Hardware Co., Utica, N. Y.
Roberts, Hugh, architect, 1 Exchange pl, Jersey City, N. J.
Roberts Instrument Co., pocket meters, 50 Shelby, Detroit, Mich.
Roberts Iron Wks. Co., Cambridge, Mass.
Roberts, J. E., & W. P., Hdwe. Co., Valdosta, Ga.
Roberts, J. F., Construction Co., Denver, Colo.
Roberts, J. H., Elevator Co., 430 W. B'way, New York.
Roberts, J. J., contractor, 4 Wall, Worcester, Mass.
Roberts, J. N., Mfg. Co., wood dishes, Metropolis, Ill.
Roberts, J. R., architect, 412 Hopkins, Butte, Mont.
Roberts, J. S., & Co., flour mills, Broadford, Va.
Roberts, Jno. B., & Co., contractors, 3 W. 29th, New York.
Roberts, John, Co., contractors, 106 W. 3rd, Los Angeles, Cal.
Roberts, John D., htg. contr., 854 Selly, St. Paul, Minn.
Roberts, John, & Son Co., paper & pulp mills, Waltham, Mass.
Roberts-Kingston Contracting Co., Virginia, Minn.
Roberts, Lewis, inks, 72 Union, Newark, N. J.
Roberts Lumber Co., Leesville, La.
Roberts & Mander Stove Co., heaters & ranges, 11th & Washington av, Philadelphia, Pa.
Roberts Mfg. Co., bolt & rivet clipper mfrs., 50 Park, Somerville, Mass.
See adv index at end of book.
Roberts Mfg. Co., case hardening, Lockport, N. Y.
Roberts Mfg. Co., elec. & gas light fixtures, 663 Mission, San Francisco, Cal.
Roberts Marble Co., Ball Ground, Ga.
Roberts, Marion I., machsts., Atlanta, Ga.
Roberts & Meck, pads, Harrisburg, Pa.
Roberts Motor Co., engines, etc., Sandusky, Ohio.
Roberts, Nash & Co., Inc., contrs., Flushing, N. Y.
Roberts Numbering Machine Co., machsts., 706 Jamaica av, Brooklyn, N. Y.
Roberts & Oake, meat packers, 45th & S. Racine av, Chicago, Ill.
Roberts, P. & Co., contractors, 37 Sullivan, New York.
Roberts Portable Oven Co., 2024 N. Major av, Chicago, Ill.
Roberts Powder Co., Shenandoah, Pa.
Roberts, Robt., contractor, Scranton, Pa.
Roberts, Roy L., machsts., Pawtucket, R. I.
Roberts Safety Water Tube Boiler Co., 39 Cortlandt, New York, & Red Bank, N. J.
Roberts Safety Razor Co., 706 Jamaica av, Brooklyn, N. Y.
Roberts, Sanford & Taylor Co., mill & facty. supplies, whol. hdwe., Sherman, Tex.
Roberts Sash & Door Co., 920 W. 20th, Chicago, Ill.
Roberts & Schaefer Co., contractors, 332 S. Michigan av, Chicago, Ill.
Roberts Steam Specialty Co., water columns, etc., 5318 St. Clair av, Cleveland, Ohio.
Roberts, T. W., wood tanks, Bradford, Pa.
Roberts, Thos., agricultural implements, Springfield, Ohio.
Roberts Tube Wks., 868 Military av, Detroit, Mich.
Roberts, U. N., Co., lumber, Davenport, Ia.
Roberts, W. H., & Co., canned goods, 1011 S. Lakewood av, Baltimore, Md.
Roberts & Webster, canned goods, Princess Anne, Md.
Robertshaw Mfg. Co., plumbers' supplies, thermostats, etc., Youngwood, Pa.
Robertson Art Tile Co., Morrisville, Pa.

Robertson, Arthur R., tack hammers, 144 Oliver, Boston, Mass.
Robertson Bros., paper & pulp mills, Hinsdale, N. H.
Robertson Bros. Mfg. Co., galv. & black steel, lock seam & riveted pipes, 1036 W. 37th, Chicago, Ill.
Robertson & Butler, granite, North Sullivan, Me.
Robertson, C. M., Co., paper & pulp mill, Montville, Conn.
Robertson Chemical Co., impregnating compound, 9808 Meech av, Cleveland, Ohio.
Robertson & Conry, htg. contrs., 167½ E. 115th, New York.
Robertson, D. W., drilling tools, Bradford, Pa.
Robertson, David, architect, 155 N. Clark, Chicago, Ill.
Robertson, E. B., machst., South Norwalk, Conn.
Robertson, E. C., & Son, paper & pulp mills, Hinsdale, N. H.
Robertson, E. L., architect, Augusta, Ga.
Robertson Fertilizer Co., Norfolk, Va.
Robertson, G. A., & Co., paper & pulp mills, Hinsdale, N. H.
Robertson, Geo. W., & Co., contractors, Columbus, Ind.
Robertson & Goodrich, cornices, Fayetteville, Tenn.
Robertson, Guy B., architect, Majestic Bldg., Denver, Colo.
Robertson Hardware & Steel Co., 2nd & Ash, Portland, Ore.
Robertson, Harvey, architect, 230 Highland av, Newark, N. J.
Robertson, J. G., machy. dlrs., 2542 University av, St. Paul, Minn.
Robertson, J. H., canned goods, Buchanan, Va.
Robertson, J. L., Mach. Co., Paris, Ill.
Robertson, J. T., masons' & bldrs.' matls., Woodstock, Ga.
Robertson, J. T., Co., soap, Manchester, Conn.
Robertson, Jas. C., granite, Barre, Vt.
Robertson, Jas. L., & Son, mill & facty. supplies, 78 Murray, New York.
Robertson, James G., & Sons, steam specialties, 78-80 Murray, New York.
Robertson, James, Lead Co., lead pipe mfrs., Baltimore, Md.
Robertson, Jas., Mfg. Co., plumbers' supplies—jobbers, 108 Hopkins pl, Baltimore, Md.
Robertson, Jesse, contractor, Terre Haute, Ind.
Robertson, John, & Co., lead pipe & trap machy., 133 Water, Brooklyn, N. Y.
Robertson, Jno. F., Co., valves, Park Bldg., Pittsburgh, Pa.
Robertson & Larkin, masons' & bldrs.' matls., Hudson, Mass.
Robertson Lumber Co., Minneapolis, Minn.
Robertson Mfg. Co., power saws, 1443 Niagara, Buffalo, N. Y.
Robertson, Orrin C., Co., paper & pulp mills, Hinsdale, N. H.
Robertson Paint & Varnish Co., 9808 Meech av, Cleveland, Ohio.
Robertson Paper Co., Bellows Falls, Vt.
Robertson, R., & Co., contractors, Amsterdam & 3rd, Detroit, Mich.
Robertson, R. H., architect, 331 Madison av, New York.
Robertson, T. Markoe, architect, 331 Madison av, New York.
Robertson, Theo. B., Products Co., liquid soap, 700 W. Division, Chicago, Ill.
Robertson, Vanco, Co., soap, 103 Park av, New York.
Robertson, W. F., & Co., paper towels, Hinsdale, N. H.
Robertson, W. F., Steel & Iron Co., steel hoops & box traps, etc., Elm & Commercial, Cincinnati, Ohio.
Robertson, W. H., lumber mfr., Clayton, Ala.
Robertson, Wm., & Co., cinder pit conveyors, 20 W. Jackson blvd., Chicago, Ill.
Robertson, Wm. S., contractor, Saratoga Springs, N. Y.
Robertson, Wm., & Son, contractors, 15 Exchange pl, Jersey City, N. J.
Robertson's, Wm., Sons, paper & pulp mills, Putney, Vt
Robertson, W., Mach. & Fdry. Co., hack saws, 56-58 Rano, Buffalo, N. Y.
Robeson Cutlery Co., Rochester, N. Y.
Robeson Mfg. Co., fertilizer, Lumberton, N. C.
Robeson Preservo Products Co., waterproofing materials, Port Huron, Mich.
Robeson Process Co., tanning extracts, core compounds., 18 E. 41st, New York.
Robesonia Iron Co. (Ltd.), blast furnaces, Robesonia, Pa.
Robidoux, Jos., & Co., beam scales, 194 Front, New York.
Robie Consolidated Concrete Co., 939 Elm, Manchester, N. H.
Robin-Hirsch Co., showcases, 258 Canal, New York.
Robin Hood Ammunition Co., Swanton, Vt.
Robin, T. W., lumber, Castle Rock, Wash.
Robineau Pottery, Syracuse, N. Y.
Robinia Pin Co., insulator pins, Shippinsburg, Pa.
Robins, A. J., flour mills, Ozan, Ark.
Robins, A. K., & Co., machsts., 116 Market pl, Baltimore, Md.
Robins Bros., granite, Barre, Vt.
Robins, Chas. H., Jr., architect supps. & blue prints, 125 S. 11th, Philadelphia, Pa.
Robins Conveying Belt Co., conveying machy. mfrs., 13 Park Row, New York. *See adv index at end of book.*
Robins Dry Dock & Repair Co., machsts. & fndrs., Beard, Brooklyn, N. Y., & 15 Whitehall, New York.
Robinson, A. F., Boiler Wks., Cambridge, Mass.
Robinson, A. M., sash, door & blind mfr., Woonsocket, R. I.
Robinson, A. S., canned goods, Fallston, Md.
Robinson, Andrew J., Co., contractors, 123 E. 23rd, New York.
Robinson, Aquilia T., lbr. mfr., Brandywine, Md.
Robinson, Argyle E., architect, 108 So. La Salle, Chicago, Ill.
Robinson, Arthur N., architect, Candler Bldg., Atlanta, Ga.
Robinson Automatic Mach. Co., polishing machines, Detroit, Mich.
Robinson, B. J., mill & facty. supplies, Vicksburg, Miss.
Robinson Brick Co., Denver, Colo.
Robinson Bros., aqua & anhydrous ammonia, Montrose av, Brooklyn, N. Y.
Robinson Bros. & Co., wholesale hardware, Louisville, Ky.
Robinson Bros. Lbr. Co., North Tonawanda, N. Y.
Robinson, C. E., Co., test indicators, Orange, Mass.
Robinson, C. P., lbr., Chaplin, S. C.
Robinson Cabinet Mfg. Co., folding bath tubs, Toledo Factories Bldg., Toledo, Ohio.
Robinson & Campau, architects, Houseman Blk., Grand Rapids, Mich.
Robinson, Cary & Sands Co., whol. hdwe., 4th & Wasonta, St. Paul, Minn.
Robinson, Chas. A., burlap, 46 Beekman, New York.
Robinson, Chas. M., architect, Times-Dispatch Bldg., Richmond, Va.
Robinson Clay Product Co., brick & pottery ware, Akron, Ohio.
Robinson Co., lumber, Pensacola, Fla.
Robinson & Co., crude rubber, 25 Beaver, New York.
Robinson & Co., mfrs. musical instruments, 2123 Stuart, Berkeley, Cal.
Robinson Contracting Co., Wade Bldg., Cleveland, Ohio.
Robinson & Curry Co., masons' & bldrs.' matls., Marysville, O.
Robinson, D., & Sons, scrap iron, 646 Hastings, Detroit, Mich.
Robinson, Edw., Lbr. Co., Burlington, Vt.
Robinson, F. Delancey, architect, 25th & B'way, New York.
Robinson, F. L., architect, 30 E. 42nd, New York.
Robinson, F. S., & Co., contractors, Hammond Bldg., Detroit, Mich.
Robinson Fire App. Mfg. Co., 4268 N. 20th, St. Louis, Mo.
Robinson, Frank J., architect, 44 Bromfield, Boston, Mass.
Robinson Furnace Co., 205 W. Lake, Chicago, Ill.
Robinson, G. W., & Son, lumber, Tionesta, Pa.
Robinson-Gage Lumber Co., Kenton, Ohio.
Robinson & Gillespie, contractors, 1051 Sutter, San Francisco, Cal.
Robinson Hardware Co., Lawrence, Mass.
Robinson, Harry J., contractor, Mount Vernon, N. Y.
Robinson Heavy Hardware Co., St. Joseph, Mo.
Robinson, Henry J., Jr., architect, Rye, N. Y.
Robinson, Henson Co., cornices, Springfield, Ill.
Robinson, J. B., & Son, sashes, doors & blinds, Nevada, Mo.
Robinson, J. C., & Son, general contractors, Rector Bldg., Chicago, Ill.
Robinson, J. L., Co., contractors, 511 S. 7th, Minneapolis, Minn.
Robinson, J. L., Construction Co., Knickerbocker Bldg., Baltimore, Md.
Robinson, J. M., Mfg. Co., sheet metal workers' machines, Cincinnati, Ohio.
Robinson, J. P., & Co., salt mfrs., 507 Madison, New York.
Robinson, J. T., architect, Montpelier, Idaho.
Robinson, J. T., & Son, buttons, 45 E. 17th, New York.
Robinson & James, contractors, Wilkinsburg, Pa.
Robinson, Jas. E., contractor, 274 South, Newark, N. J.
Robinson, Jas. P., founder, Lowell, Mass.
Robinson & Jans, oakum, tow & packg. flax, Winthrop, Minn.
Robinson, John Beverley, architect, Washington University, St. Louis, Mo.
Robinson, John C., & Son, contractors, 79 W. Monroe, Chicago, Ill.
Robinson, Jno., & Co., lbr. mfrs., Albany, N. Y.
Robinson, John T., Co., paper box machy. mfrs., Hyde Park, Mass.
Robinson & Jones Co., masons' & bldrs.' matls., Natick, Mass.
Robinson, Jos. A., contractor, 87 Madison, Newark, N. J.
Robinson Land & Lumber Co., Mobile, Ala.
Robinson, Leeni W., architect, 42 Church, New Haven, Conn.
Robinson Lumber Co., 717 Whitney, New Orleans, La.
Robinson-McGill Carriage Co., Nashville, Tenn.
Robinson-McGill Hdwe. Co., carriages, Shelbyville, Tenn.
Robinson-McGill Mfg. Co., harness, saddles & strap wk., Shelbyville, Tenn.
Robinson, M. C., & Co., masons' & bldrs.' matls., Ashtabula, Ohio.
Robinson, M. S., Cable Clamp Co., Donora, Pa.
Robinson, M. W., Co., mechanics' tools, 203 37th, Brooklyn, N. Y.
Robinson Machine Co., 4629 N. Jefferson av, Detroit, Mich.
Robinson Mfg. Co., clamps, hangers, straps, Cleveland, Ohio.
Robinson Mfg. Co., flour mill machy., Muncy, Pa.
Robinson Mfg. Co., sash, door & blind, Everett, Wash.
Robinson Motor Truck Co., 2d av, N. & 7th, Minneapolis, Minn.
Robinson, N. B., contractor, Carbondale, Pa.
Robinson, N. T., stone producers, Mercer, Pa.
Robinson, O. E., & Son, contractors, 4647 Hamilton av, Cincinnati, Ohio.
Robinson, P. E., architect, Leader-News Bldg., Cleveland, Ohio, & Sec. Natl. Bldg., Akron, Ohio.
Robinson Packer & Mach. Co., Coffeyville, Kan.
Robinson Paint Co., Aurora, Ill.
Robinson, Quincy, canned goods, Warrenton, Ore.
Robinson, R. W., Co., clothes dryers, Worcester, Mass.
Robinson & Ray Lumber Co., Dublin, Ga.
Robinson, Rodgers Co., mattresses & life preservers, 27 N. J. R. R. av, Newark, N. J.
Robinson & Robinson, contrs., Lowell, Mass.
Robinson, S. H., Co., electric signs, 814 Walnut, Philadelphia, Pa.

Robinson, S. M., & Co., canned goods, 607 S. Luzerne av, Baltimore, Md.
Robinson. S. R. H., & Son Contr. Co., Chemical Bldg., St. Louis, Mo.
Robinson & Smith, carriages, Fall River, Mass.
Robinson & Sons Sewer Pipe Co., Uhrichsville, Ohio.
Robinson Spreader Co., Vinton, Ia.
Robinson Stoneware Co., laundry tubs, 250 Greenpoint av, Brooklyn, N. Y.
Robinson, T. K., Co., canned goods, Vicksburg, Miss.
Robinson, T. W., turpentine, Holder, Fla.
Robinson Tag & Label Co., 142 W. 18th, New York.
Robinson, Thos., & Co., masons' & bldrs.' matls., Real Estate Tr. Bldg., Philadelphia, Pa.
ROBINSON TOOL WORKS, INC., filing machines, punching dies & brass & steel stamping, Waterbury, Conn. *See adv. index at end of book.*
Robinson Ventilating Co., mine ventg. fans, Jenkins Arcade Bldg., Pittsburgh, Pa.
Robinson, W. A., masons' & bldrs.' matls., Mechanicsville, N. Y.
Robinson, W. A., & Co., lubricating oils & spermaceti, New Bedford, Mass.
Robinson, W. B., lbr., Berlin, N. J.
Robinson, W. D., & Sons, contractors, Jacksonville. Ill.
Robinson, W. E., & Co., canned goods, Bel Air, Md.
Robinson, W. F., brick, Maceo, Ky.
Robinson, W. J., contractor, Mount Vernon, N. Y.
Robinson, W. Stanton, architect, 326 Purcell av, Cincinnati, O.
Robinson & Ward, contractors, Grand Forks, N. D.
Robinson, Wm. B., & Co., cornices & skylights, Old Orchard, Me.
Robinson, Wm. C., & Son Co., oils & greases, Baltimore, Md.
Robinson, Wm. P., architect, 95 State, Albany, N. Y.
Robinson, Wm. V. Co., polishing machines, Owosso, Mich.
Robinson's, Geo. H., Sons, masons' & bldrs.' matls., Alexandria, Va.
Robinsteen Collar & Leather Co., Indiana, Pa.
Robson, Chas., & Co., bakers' oven doors & fittings, 8th & Washington av, Philadelphia, Pa.
Robson, F. C., architect, Hagerman Bldg., Colorado Springs, Colo.
Robson Mfg. Co., machsts. & fndrs., Galesburg, Ill.
Roby, Sidney B., Co. (The), hardware & mill supplies, etc., 208 South av, Rochester, N. Y.
Roc Bond Co., stucco mfrs., Wren, Ohio.
Roca, Jos. V., Lumber & Hardware Co., 1533 Carondelet Wlk., New Orleans, La.
Roccordino, Angela, scrap iron & steel, 1014 Webster av, Pittsburgh, Pa.
Roch, Tobias, archl. iron & machst., Indianapolis, Ind.
Roche-Bruner Bldg. Co., Johnston Bldg., Cincinnati, Ohio.
Roche, John M., contractor, Haverhill, Mass.
Roche, M. J., Construction Co., Johnston Bldg., Cincinnati, Ohio.
Rochelle, F. W., & Sons, paper pots, Chester, N. J.
Rocheford, L., & Son, contrs., 44 Front, Worcester, Mass.
Rochester Athenaeum & Mchs. Inst., engng. schools & coll., Rochester, N. Y.
Rochester Automatic Elevator Door Co., Rochester, N. Y.
Rochester Ball Bearing Co., Rochester, N. Y.
Rochester Barrel Machine Wks., 10 St. James, Rochester, N. Y.
Rochester Blue Printing Co., Rochester, N. Y.
Rochester Box & Lbr. Co., Rochester, N. Y.
Rochester Brass Bed Co., Rochester, N. Y.
Rochester Brick & Tile Mfg. Co., Rochester, N. Y.
Rochester Bridge Co., Rochester, Ind.
Rochester Bronze & Aluminum Co., Inc., Rochester, N. Y.
Rochester Brush Mfg. Co., Rochester, N. Y.
Rochester Button Co., Rochester, N. Y.
Rochester Can Co., Rochester, N. Y.
Rochester Canning Co., Rochester, Ind.
Rochester Carriage Co., Rochester, N. Y.
Rochester Chemical Co., Rochester, N. Y.
Rochester Composite Brick Co., Rochester, N. Y.
Rochester Cooperage Co., wooden kegs, Rochester, N. Y.
Rochester Cut Glass Co., Rochester, Pa.
Rochester Cutting Die Co., Rochester, N. Y.
Rochester Fire Works Co., Rochester, N. Y.
Rochester Folding Box Co., Rochester, N. Y.
Rochester Fdry. & Mach. Wks., Rochester, N. H.
Rochester Gas Engine Co., Rochester, N. Y.
Rochester German Brick & Tile Co., Rochester, N. Y.
Rochester Germicide Co., soaps, disinfectants, etc., Dowling pl, Rochester, N. Y.
Rochester Head Light Works, Rochester, N. Y.
Rochester Iron Wks., machsts. & fndrs., Rochester, Minn.
Rochester Last Wks., Rochester, N. Y.
Rochester Lead Wks., Rochester, N. Y.
Rochester Lime Co., Rochester, N. Y.
Rochester Lbr. Co., sashes, doors & blinds, Rochester, N. H.
Rochester Machine Screw Co., 15 Caledonia av, Rochester, N. Y.
Rochester Mfg. Co., gauges & indicators, 891 Halstead, Rochester, N. Y.
Rochester Monetor Co., butter printing & cutting machs., Rochester, N. Y.
Rochester Motors Co., 609 Driving Park av, Rochester, N. Y.
Rochester Mould & Mach. Co., machsts. & fndrs., Rochester, Pa.
Rochester Pad & Wrapper Co., Rochester, N. Y.
Rochester Paper Products Co., Rochester, N. Y.
Rochester Pneumatic Crown Seal Co., Rochester, N. Y.
Rochester & Pitt. Coal & Iron Co., Rochester, N. Y.
Rochester Pressed Steel Co., Rochester, N. Y.
Rochester Radiator Co., 268 State, Rochester, N. Y.
Rochester Roll Grinding & Corrugating Co., Rochester, N. Y.
Rochester Rotary Washer Co., Rochester, N. Y.
Rochester Shank Co., shoe shanks, Rochester, N. Y.
Rochester Show Case Wks., Rochester, N. Y.
Rochester Spray Pump Co., Rochester, N. Y.
Rochester Stamping Co., elec. cooking app., Rochester, N. Y.
Rochester Tallow Co., Rochester, N. Y.
Rochester Tank & Boiler Co., Rochester, N. Y.
Rochester Tire Heater Co., Rochester, N. Y.
Rochester Tool & Gauge Co., 203 State, Rochester, N. Y.
Rochester Tumbler Co., Rochester, Pa.
Rochester Vacuum Cleaner Co., Rochester, N. Y.
Rochester Vulcanite Pavement Co., Rochester, N. Y.
Rocheter, Theodore Arnold, architect, Torrington, Conn.
Rochette & Parzini, wood & stone carvers, 218 E. 25th, New York.
Rocho Bros. & Creswell, boilers, Boone, Ia.
Rock Asbestos Roofing Co., Erie, Pa.
Rock Asphalt Co., 24 Oakland, Boston, Mass.
Rockcastle Cement & Lime Co., cement mfrs., Baltimore, Md.
Rock City Machine Co., Nashville, Tenn.
Rock City Mfg. Co., storm sash hangers, screen door hinges, Wabash, Ind.
Rock City Spoke Co., Nashville, Tenn.
Rock Cut Stone Co., ground limestone, Syracuse, N. Y.
Rock Graphite Mining & Mfg. Co., 423 Walnut, Phila., Pa.
Rock Hall Canning Co., 2203 E. Baltimore, Baltimore, Md.
Rock Hill Buggy Co., Rock Hill, S. C.
Rock Hill Fertilizer Co., Rock Hill, S. C.
Rock Hill Mach. Wks., Roanoke, Va.
Rock Island Bridge & Iron Wks., Rock Island, Ill.
Rock Island Canning Co., Sears, Ill.
Rock Island Hardware Co., Rock Island, Ill.
Rock Island Lbr. & Mfg. Co., Rock Island, Ill.
Rock Island Mfg. Co., anvils, grinders, jacks, vises, etc., Rock Island, Ill.
Rock Island Metal Fndry., 505 4th, Rock Island, Ill.
Rock Island Plow Co., agricl. implements, Rock Island, Ill.
Rock Island Register Co., Rock Island, Ill.
Rock Island Sand & Gravel Co., Rock Island, Ill.
Rock Island Sash & Door Wks., cypress doors, Rock Island, Ill.
Rock Island Stove Co., Rock Island, Ill.
Rock Island Wood Wks., sash, door & blind mfrs., Rock Island, Ill.
Rock Plaster Mfg. Co., masons' & bldrs.' matls., 381 4th av, New York, & Darby & Scott, Columbus, Ohio.
Rock Products & Bldg. Materials, trade publications, 538 S. Clark, Chicago, Ill.
Rock River Cotton Co., Janesville, Wis.
Rock River Lumber Co., Beloit, Wis.
Rock River Machine Co., Janesville, Wis.
Rock Run Carbon Co., Warren, Ohio.
Rock Springs Canning Co., Allenton, Mo.
Rock Springs Ice & Stone Co., Kansas City, Kans.
Rockafellow Grain Co., masons' & bldrs.' matls., Carson City, Mich.
Rockart, John R., architect, 242 Madison av, New York.
Rockaway Ladder Co., Newark, N. J.
Rockaway Mfg. Co., repeating paper cap pistols, 421-41 Culvert, Cincinnati, Ohio.
Rockaway Rolling Mill, iron concrete reinfg. bars, Rockaway, N. J.
Rockbluff Co., turpentine, Rockbluff, Fla.
Rockbridge Lime & Stone Co., Lexington, Va.
Rockdale Oil Co., fert. mfrs., Rockdale, Tex.
Rockdale Powder Co., York, Pa.
Rockenfelder, Julius, brick & tile, Nankin, Ohio.
Rocker Bros., archl. iron, 330 W. 26th, New York.
Rocker, Harry, architect, 9004 5th av, Brooklyn, N. Y.
Rocker, Henry, contractor, 357 Crescent, Brooklyn, N. Y.
Rocker & Vatet, architects, 15 E. 40th, New York.
Rockey Co., machsts., 275 E. Main, Columbus, Ohio.
Rockfall Woolen Co., horse blankets, Middletown, Conn.
Rockfield Canning Co., Rockfield, Wis.
Rockford Art Glass Wks., Rockford, Ill.
Rockford Belting Co., leather belting, Rockford, Ill.
Rockford Bit Co., Kokomo, Ind.
Rockford Bolt Co., pole steps, Rockford, Ill.
Rockford Bolt Co., electro galvanizing, 60 Mill, Chicago, Ill.
Rockford Brass Wks., machsts. & fndrs., Rockford, Ill.
Rockford Brick & Tile Co., Rockford, Ia.
Rockford Builders' Supply Co., Rockford, Ill.
Rockford Concrete Co., contrs., Rockford, Ill.
Rockford Desk Co., Rockford, Ill.
Rockford Drilling Machine Co., Rockford, Ill.
Rockford Drop Forge Co., Rockford, Ill.
Rockford Iron Works, Rockford, Ill.
Rockford, John C., contractor, White Bldg., Seattle, Wash.
Rockford Lathe & Drill Co., drilling machines, 1827 14th av, Rockford, Ill.
Rockford Lthr. Goods Co., advtg. nov. & spec., Rockford, Ill.

Rockford Leather Washer Co., Rockford, Ill.
Rockford Light Furn. Co., elec. portables, Rockford, Ill.
Rockford Lbr. & Fuel Co., masons' & bldrs.' matls., Rockford, Ill.
Rockford Machine Tool Co., Rockford, Ill.
Rockford Malleable Iron Wks., machsts. & fndrs., Rockford, Ill.
Rockford Mfg. Co., circular saw mills, Indianapolis, Ind.
Rockford Mfg. Co., machsts. & fndrs., agricultural implements, Rockford, Ill.
Rockford Metal Spec. Co., tinning & japanning, Rockford, Ill.
Rockford Milling Machine Co., Rockford, Ill.
Rockford Mitre Box Co., metal cutting, 252 Mill, Rockford, Ill.
Rockford Palace Furniture Co., music cabinets, Rockford, Ill.
Rockford Paper Box Board Co., Rockford, Ill.
Rockford Paper Mills, Rockford, Ill.
Rockford Peerless Furniture Co., portables, Rockford, Ill.
Rockford Standard Furniture Co., book cases, Rockford, Ill.
Rockford Steel Fixture Co., Rockford, Ill.
Rockford Tool Co., Rockford, Ill.
Rockford Varnish Co., Rockford, Ill.
Rockford Watch Co., Elgin & Rockford, Ill.
Rockhill & Victor, oils, 22 Cliff, New York.
Rockland Lake Trap Rock Co., 17 Battery pl, New York.
Rockland Milling Co., flour, Weyer's Cave, Va.
Rockland & Rockport Lime Co., Rockland, Me.
Rockland Webbing Co., Rockland, Mass.
Rockland Welting Co., Rockland, Mass.
Rockmart Brick & Slate Co., Augusta, Ga.
Rockport Canning Co., Rockport, Mo.
Rockport Drain & Tile Co., Rockport, Ind.
Rockport Granite Co., granite quarries, crushed stone, Rockport, Mass.; 31 State, Boston, Mass., & 101 Park av, New York.
Rockport Isinglass Co., Rockport, Mass.
Rockrise & Shiota, archts., 366 5th av, New York.
Rockton Paper Co., Rockton, Ill.
Rockville Granite Co., Rockville, Minn.
Rockwall Cotton Oil Co., meal, Rockwell, Tex.
Rockwell-Barnes Co., cash reg. paper, adding mach. rolls, filing cabinets, 823 S. Wabash av, Chicago, Ill.
Rockwell Bros. & Co., masons' & bldrs.' matls., Albany, Tex.
Rockwell City Canning Co., Rockwell, Ia.
Rockwell-Drake Co., Bearing, Plainville, Conn.
Rockwell, Fred J., contractor, 741 Washington, Boston, Mass.
Rockwell, George W., contr., Sunbury, Pa.
Rockwell, Jno. L., toys, Monroeton, Pa.
Rockwell, John W., & Sons Co., packing box mfrs., Hartford, Conn.
Rockwell, L. A., Co., bakers' machy., 430 Smith, Brooklyn, N. Y.
Rockwell Lime Co., 133 W. Washington, Chicago, Ill.
Rockwell Mfg. Co., interior finish mfrs., 572 Park, Milwaukee, Wis.
Rockwell & Sherwin, carriages, Brattleboro, Vt.
Rockwell Silver Co., cut glassware, Meriden, Conn.
Rockwell, W. S., Co., furnace mfrs., 50 Church, New York.
See adv index at end of book
Rockwood & Buss, contrs., Bennington, Vt.
Rockwood Mfg. Co., paper pulleys & iron & fibre frictions, 1801 English av, Indianapolis, Ind.
Rockwood Milling Co., flour mills, Rockwood, Pa.
Rockwood Photographer, 510 W. 145th, New York.
Rockwood Sprinkle Co., automatic sprinklers, 3604 S. Morgan, Chicago, Ill.
Rockwood Sprinkler Co., automatic sprinkler systems, pressed steel unions & pressed metal products, Worcester, Mass.
Rocky Ford Canning & Mfg. Co., Rocky Ford, Colo.
Rocky Hill Hdwe. Co., Rocky Hill, Conn.
Rocky Mountain Chemical Co., fertilizer mfrs., Anaconda, Mont.
Rocky Mountain Fuel Co., masons' & bldrs.' matls., Foster Bldg., Denver, Colo.
Rocky Neck Marine Co. Railway, dry docks & marine railways, Gloucester, Mass.
Rocky Ridge Lime & Stone Co., Rocky Ridge, Ohio.
Rocky River Dry Dock Co., Blunt rd, Cleveland, Ohio.
Rod Pennant Mfg. Co., 3 Watkins, Brooklyn, N. Y.
Rodatz, J., contractor, 209 S. La Salle, Chicago, Ill.
Rodday, Robt. J., Co., hot air furnaces, 138 Harrison av, Boston, Mass.
Roddenberry, W. B., canned goods, Cairo, Ga.
Roddis Lumber & Veneer Co., hardwood doors, Marshfield, Wis.
Rode, W. C., contractor, 153 Garfield av, Jersey City, N. J.
Rodefeld Mfg. Co., cast iron pipe cutters, Richmond, Ind.
Rodefer Glass Co. (The), novelties & specialties in glassware, private mold production, Bellaire, Ohio.
See adv index at end of book
Rodesch Piano Player Co., Dixon, Ill.
Rodger Ballast Car Co., Railway Exchange Bldg., Chicago, Ill.
Rodgers, A. D. & W. E., flour mills, New Market, Ala.
Rodgers Boiler & Burner Co., tanners' tanks, Muskegon, Mich.
Rodgers, Chas. W., Co., bldg. materials, Maritime Bldg., Seattle, Wash.
Rodgers-Collins Co., boiler compound, Pontaic bldg., St. Louis, Mo.
Rodgers, D. M., masons' & bldrs.' matls., Corning, Ohio.
Rodgers, Geo. F. & Co., shipbldrs., Astoria, Ore.
Rodgers, Geo. G., machsts., Springfield, Ohio.
Rodgers & Hagerty, contrs., 103 E. 125th, New York.
Rodgers Iron Mfg. Co., steam pumps, Muskegon, Mich.
Rodgers, J. C., & Son, contractors, 271 W. 125th, New York.
Rodgers, J. E., Mfg. Co., printing inks, 206 E. 19th, New York.
Rodgers, Leonidas (Est. of), carriages, New Castle, Ind.
Rodgers, R. M., Mfg. Co., dumb waiters & elev., 74 Emerson pl, Brooklyn, N. Y.
Rodgers Sand Co., wood & water, Pittsburgh, Pa.
Rodier & Fitzgerald, glass signs, 296 Pearl, New York.
Rodman Lumber Co., Rodman, Fla.
Rodman Turpentine Co., Rodman, Fla.
Rodriguez, R. E., paint brushes, 56 Warren, New York.
Rodrock, E. M., Co., masons' & bldrs.' matls., Paterson, N. J.
Roe Bros., masons' & bldrs.' matls., Florida, N. Y.
Roe & Conover, hdwe., tools, machy., supplies & equipment, steamfitters, mill & facty., 206 Frelinghuysen av, Newark, N. J. *See adv index at end of book*
Roe, F. P., canned goods, Greensboro, Md.
Roe, Geo. W., architect, Pueblo, Colo.
Roe, Justus, & Sons, machsts., Patchogue, N. Y.
Roe, Wm. S., mill & facty. supplies, 17 Mechanic, Newark, N. J.
Roebling's, John A., Sons Co., wire rope, insulated wires & cables, etc., Trenton, N. J. *See adv index at end of book*
Roebuck Weather Strip & Wire Screen Co., window ventilators, 3518 av H, Brooklyn, N. Y.
Roechling Elec. Steel Co., tool steel, 173 Lafayette, New York.
Roedel, Frank A., wholesale hdwe., Cheyenne, Wyo.
Roeder, Fred, Mfg. Co., auto. wood bodies, 1396 Atlantic av, Brooklyn, N. Y.
Roeder-Greeman Stone & Const. Co., Quincy, Ill.
Roeding Fig & Olive Co., canners, Fresno, Cal.
Roehl Bros., contractors., Clark & W. 25th, Cleveland, Ohio.
Roedl & Jacobs Co., masons' & bldrs' matls., Beaver Dam, Wis.
Roehm Bros., contractors, Terre Haute, Ind.
Roehm & Davison, wholesade hdwe. & curtain fasteners, 93 Woodbridge av, Detroit, Mich.
Roehm, Paul P., const., Calumet, Mich.
Roehr Co., interior finish mfrs., Bucyrus, Ohio.
Roehrig, Frederick L., architect, Am. Bk. Bldg., Los Angeles, Cal.
Roek Creek Lumber Co., Hampton Springs, Fla.
Roekel Co., plumbers' supplies, jobbers, Zanesville, Ohio.
Roelker, H. B., ice machs., 41 Maiden la, New York.
Roelle, Frederick, Co., tele. & telegraph wire, 2818 Oxford, Philadelphia, Pa.
Roemer Bros., lumber, Bowling Green, Ky.
Roemer, J., Heating Co., 1808 E. 22d, Cleveland, Ohio.
Roemer & Roemer, machinists, Santa Maria, Cal.
Roemer-Worrick Mach. Co., Bowling Green, Ky.
Roeper Crane & Hoist Wks., overhead trolleys, Reading, Pa.
Roesch Bros. Plating Wks., Belleville, Ill.
Roesch, Geo. E., rural mail boxes, Aurora, Ill.
Roesch-Kohl Enamel Range Co., fndrs., Belleville, Ill.
Roeschlaub & Fuller, architects, Foster Bldg., Denver, Colo.
Roesler, Herman, cornices, 1523 W. 24th, Milwaukee, Wis.
Roessel, Louis, & Co., umbrella cloth, 440 4th, New York.
Roessing Bronze Co., ingots, Etna, Pa.
Roessing, Ernst, Co., coils & pipe bends, Butler, Pittsburgh, Pa.
Roessler & Hasslacher Chemical Co., 100 William, New York.
Roeti-Hunt Corp., push pins & needle threaders, Putnam, Conn.
Roettiger, H. & F., masons' & bldrs.' matls., Fountain City, Wis.
Roff & Miller, mill & facty. supplies, Brenham, Tex.
Roff Underwear Co., sweaters, cardigans, etc., Cohoes, N. Y.
Roffers, John, common brick, De Pere, Wis.
Rogan Bros., lumber, Cable, Wis.
Rogers, A., Co., animal foods, soap, etc., Aurora, Ill.
Rogers, Andrew J., Co., cornices, Paterson, N. J.
Rogers Bros., lbr. mfrs., Bath, Me.
Rogers-Bailey Hardware Co., Chattanooga, Tenn.
Rogers & Baldwin Hardware Co., Springfield, Mo.
Rogers, Bonnah & Chaffee, architects, Penobscot Bldg., Detroit, Mich.
Rogers Bros. Co., contractors, Hibernian Bldg., Los Angeles, Cal.
Rogers Broom Co., Washington, Ind.
Rogers & Bro., table silverware, Waterbury, Conn.
Rogers Bros., hot process galvanizing, Batavia, Ill.
Rogers Bros. Co., steel structural wk., Albion, Pa.
Rogers Bros. Galvanizing Wks., Rockford, Ill.
Rogers Bros. & Kevan, trunk mfrs., Petersburg, Va.
Rogers-Brown & Co., pig iron & coke dlrs., etc., 77 Carew Bldg., Cincinnati, Ohio.
Rogers-Brown Iron Co., Erie Co. Bank Bldg., Buffalo, N. Y.
Rogers Button Co. (Est. of), Springfield, Mass.
Rogers, C. E., castings, 34 Beach, Boston, Mass.
Rogers, C. P., & Co., beds, springs, mattresses, 14 E. 33d, New York.
Rogers, C. R., & Co., contractors, Corry, Pa.
Rogers, C. W., cornices & skylights, Bath, Me.
Rogers, Chas. E., machst., 32 Goldsmith, Detroit, Mich.
Rogers, Chas. E. J., architect, Phelan Bldg., San Francisco, Cal.
Rogers & Co., paper, 521 Marquette av, Minneapolis, Minn.
Rogers & Co., stove linings mfrs., Royersford, Pa.
Rogers Constr. Co., Gloucester City, N. J.
Rogers Constr. Co., Chattanooga, Tenn.
Rogers, E. A., & Co., glue mfrs., 161 Devonshire, Boston, Mass.
Rogers, E. F., & Co., megaphones, 410 Arch, Philadelphia, Pa.
Rogers, F. C., sash, door & blind mfrs., Leroy, N. Y.

Rogers, F. G., architect, Greenville, S. C.
Rogers Fdry. & Mfg. Co., Joplin, Mo.
Rogers Fibre Co., 121 Beach, Boston, Mass.
See adv index at end of book.
Rogers, Frank H., gun cleaners, Deep River, Conn.
Rogers, Frank R., knife grinders, 16-20 Elk, Buffalo, N. Y.
Rogers, G. W., & Co., dock bldrs., 29 B'way, New York.
Rogers, Geo. B., archt., Van Antwerp Bldg., Mobile, Ala.
Rogers, Geo. C. D., architect, Morristown, N. J.
Rogers, Geo. O., architect, Hartje Bldg., Pittsburgh, Pa.
Rogers, Geo. W., & Co., contractors, 29 B'way, New York.
Rogers, H. A., Co., mill & facty. supp., 87 Walker, New York.
See adv index at end of book.
Rogers, H. C., architect, Estes Park, Colo.
Rogers, H. Lincoln, archt., Municipal Bldg., New York.
Rogers, H. W., archt., 25 Exchange, Lynn, Mass.
Rogers & Hamilton Co., table silverware, Waterbury, Conn.
Rogers, Hamilton W., architect, 25 Exchange, Lynn, Mass.
Rogers Hardware Co., Eutaw, Ala.
Rogers, Henry M., architect, Johnstown, Pa.
Rogers, Hervey E., stone producers, New London, Conn.
Rogers, Howard, architect, 463 B'way, Albany, N. Y.
Rogers & Hubbard Co., bone buttons, case hardening compounds, handles, Middletown, Conn.
Rogers, J. & J., Co., paper & pulp mills, Ausable Forks, N. Y.
Rogers, J. S., Co., contractors, Moorestown, N. J.
Rogers, J., Silver Co., 13 Laight, New York.
Rogers, J. T., ties, poles & posts, Faceville, Ga.
Rogers, Jas. Gamble, architect, 470 4th av, New York.
Rogers, James S., archt., Farwell bldg., Detroit, Mich.
Rogers, Jas. T., & Co., sash, door & blind mfrs., Peoria, Ill.
Rogers, John F., shoe vamp marking machs., Belfast, Me.
Rogers, John M., Wks., machsts. & fndrs., Gloucester City, N. J.
Rogers, Jos. B., cornices, Hallstead, Pa.
Rogers, L. C., fertilizer mfr., Frederica, Del.
Rogers, Laussat R., architect, 911 Market, Wilmington, Del.
Rogers Lbr. Co., Warren, Pa.
Rogers & McIntyre, printing inks, 30 S. Clark, Chicago, Ill.
Rogers & McLean, bldg. contrs., Duluth, Minn.
Rogers, M. E., brick, Deshler, Ohio.
Rogers Mach. Tool Co., Alfred, N. Y.
Rogers Manifold & Carbon Paper Co., 33 Sullivan, New York.
Rogers Mfg. Co., bone buttons, fertilizer mfrs., Rockfall, Conn.
Rogers Metal Wks., Kansas City, Mo.
Rogers Milk Condensing Machy. Co., Chape Place, Detroit, Mich.
Rogers & Miller, whol. hdwe., 135 Market, Philadelphia, Pa.
Rogers, P. O., & Son, contractors, Chattanooga, Tenn.
Rogers Paper Mfg. Co., ironing & leather boards, So. Manchester, Conn.
Rogers, Pliny P., architect, 477 5th av, New York.
Rogers Pyatt Shellac Co., 81 Water, New York.
Rogers, R. J., Lbr. Co., Geneva, N. Y.
Rogers Rake Co., New Hartford, Conn.
Rogers, Robt. E., architect, 347 S. 4th av, Mount Vernon, N. Y.
Rogers, Rose, & Co., flour mills, Gradyville, Ky.
Rogers, Ruger, Lbr. Co., Superior, Wis.
Rogers, Sam'l C., & Co., machy., 10 Lock, Buffalo, N. Y.
Rogers Sash & Door Co., New Britain, Conn.
Rogers-Schmitt Wire & Iron Co., 1815 N. 23d, St. Louis, Mo.
Rogers-Shear Co., plasters' steel corner beads, Warren, Pa.
Rogers Silver Co., casket hardware, Westfield, Mass.
Rogers, Simeon L., & George H. Co., table silverware, Hartford, Conn.
Rogers, Smith & Co., table silverware, Meriden, Conn.
Rogers, Spencer, Son, bldg. contr., Portland, Me.
Rogers Sporting Goods Co., base ball mfrs. & gloves, Springfield, Mass.
Rogers, T. Mellon, architect, Devon, Pa.
Rogers Tent & Awning Co., Fremont, Neb.
Rogers, Virgil, soap, Gibbon, Neb.
Rogers, W. A. (Ltd.), cutlery, Northampton, Mass.
Rogers, W. C., ties, poles & posts, Broadhurst, Ga.
Rogers, W. F. Fdy., Bandon, Ore.
Rogers, W. G., architect, Charlotte, N. C.
Rogers, W. H., Paint Mill, varnish mfrs., Houston, Tex.
Rogers & Wells, contractors, Middlebury, Vt.
Rogers White Lime Co., Rogers, Ark.
Rogers, Wm. A. (Ltd.), table silverware, Niagara Falls, N. Y.
Rogers, Wm. J., architect, 50 E. 42d, New York.
Rogers, Wm., Mfg. Co., table silverware, Meriden, Conn.
Rogers Wire Works, Inc., wire cloth mfrs., Belleville, N. J.
Rogerson, J. C., & Co., whol. hdwe., Hudson, N. Y.
Rogersville Mill Co., flour, Rogersville, Tenn.
Rogge Mach. Co., 519 Hillger, Detroit, Mich.
Rogowski Bros. & Wedda, contractors, Canfield & G. T. Ry., Detroit, Mich.
Rogue River Hardware Co., Grants Pass, Ore.
Rogue River Valley Canning Co., Medford, Ore.
Rohan, John A., Boiler Wks. Co., 913 La Beaume, St. Louis, Mo.
Rohde, Chas. L., & Sons Co., ship bldrs., Baltimore, Md.
Rohde, W. H. L., masons' & bldrs.' matls., Ann Arbor, Mich.
Rohe & Bro., meat packers, 527 W. 36th, New York.
Rohl, Richard, architect, 42 E. 23d, New York.
Rohm, Jean Baptist, & Son, archts., 138 N. La Salle, Chicago, Ill.
Rohn, Geo. F., knife switches, 446 E. Water, Milwaukee, Wis.
Rohns, Albert, & Co., archl. iron, Detroit, Mich.
Rohrbaugh, J. F., & Co., contractors, Hanover, Pa.
Rohrer, D. J., sash, door & blind, Clintonville, Wis.
Rojotte, Fobart & Winters, contrs., Zuler bldg., Spokane, Wash.
Roka Battery Co., elec. lamp flashlights, 27 W. 20th, New York.
Rokeach, I., & Sons, soap, 345 Hewes, Brooklyn, N. Y.
Rolandi, F., contractor, 550 Montgomery, San Francisco, Cal.
Rolf, Bernard, dock bldrs., 39 Cortlandt, New York.
Rolf Heater Mfg. Co., water heaters, Columbus, Ohio.
Rolfe Building Materials Co., New Brunswick, N. J.
Rolfe, C. M. & A. H., sash, doors & blind mfrs., Penacook, N. H.
Rolfe Iron Co., gates, Riverdale Station, Chicago, Ill.
Roling, J. F., machst. & fndr., Salisbury, Mo.
Roll Mfg. Co., mortar color mfrs., Nottingham, Ohio.
Rollaway Screen Co., Burlington, Vt.
Roller, Geo. B., common brick, Canton, Ill.
Roller Lock Nut Co., Inc., 61 Broadway, New York.
Roller-Smith Co., testers, switches, meters, etc., 233 B'way, New York.
Rollin Mfg. Ass'n & Tank Line Co., Chanute, Kans.
Rollins Engine Co., Nashua, N. H.
Rollins, Sim. D., & Co., plumbers' supplies—jobbers, Minneapolis, Minn.
Rollins Supply Co., mill & facty. supplies, 17 W. Kinzie, Chicago, Ill.
Rollman Mfg. Co. (Ltd.), machsts., Orangeville, Pa., & meat choppers, hdwe., nut crackers, etc., Mount Joy, Pa.
Rollond Glass Co., window glass mfrs., Clarksburg, W. Va.
Rolls, H. J., lithpone, sulphuret of antimony & oxide of zinc, Ellicott Sq. bldg., Buffalo, N. Y.
Rom, Robt., Co., plumbers', mill & facty. supplies—jobbers, 1023 St. Paul av, Milwaukee, Wis.
Roman Bronze Wks., machsts. & fndrs., 275 Greene, B'klyn, N. Y.
Roman Mosaic & Tile Co., Inc., 435 Green, Phila., Pa.
Roman, Otto E., contrs., Weehawken, N. J.
Roman Road Co., contrs., 228 Southampton, Boston, Mass.
Romana & Forgione, bldg. contrs., Portland, Me.
Rombaugh, W. N., contractor, Gorlock Bldg., St. Louis, Mo.
Rome Bicycle Mfg. Co., Rome, N. Y.
Rome Brass & Copper Co., Rome, N. Y.
Rome Brick Co., Rome, Ga.
Rome Elec. Co. (magnet), wire, Rome, N. Y.
Rome, Geo., & Co., cornices, Carnegie, Pa.
Rome Hardware Co., Rome, Ga.
Rome Hollow Wire & Tube Co., Rome, N. Y.
Rome Iron Mills, Inc., 30 Church, New York.
Rome Locomotive & Mach. Wks., Rome, N. Y.
Rome Machine & Fdry. Co., Rome, Ga.
Rome Mfg. Co., metal wares, etc., Rome, N. Y.
Rome Metal Co., copper work dyers, Rome, N. Y.
Rome Metal Products Co., Inc., steel tubing, 87 Nassau, New York.
Rome Metallic Bedstead Co., Rome, N. Y.
Rome Oil & Fertilizer Co., Rome, Ga.
Rome Scale & Mfg. Co., Rome, Ga.
Rome Soap Mfg. Co., metal polish, Rome, N. Y.
Rome Stone Cutting Co., 17 Grafton av, Newark, N. J.
Rome Supply Co., plumbers' supplies—jobbers, Rome, Ga.
Rome-Turney Radiator Co., Rome, N. Y.
Rome Wire Co., Rome, N. Y. *See adv index at end of book.*
Roman Nose Gyp. Co., plasters, Bickford, Okla.
Romeo Foundry Co., Port Huron, Mich.
Rommel, Frank A., architect, Weightman Bldg., Phila., Pa.
Rommel, G. H., Co., contractors, Louisville, Ky.
Romer Axe Co., Dunkirk, N. Y.
Romer & Co., hdwe. mfrs., 275 Passaic, Newark, N. J.
Romer, F. J., Construction Co., 190 Ramsey, St. Paul, Minn.
Romer Mfg. Co., black'g cases, 203 Diamond, Brooklyn, N. Y.
Romeyn, Chas. W., architect, 55 B'way, New York.
Romeyn, T. F., Co., pckg. box mfrs., Albany, N. Y.
Romick Mill Furnishing Co., Niles, Ohio.
Romig, P. A., masons' & bldrs.' matls., Uhrichville, Ohio.
Romisch Mfg. Co., macsts. & fndrs., Morgantown, W. Va.
Romona Oolitic Stone Co., Stinesville, Ind.
Romsen, I. S., Mfg. Co., carriages, 740 Grand, Brooklyn, N. Y.
Ronceverte Lbr. Co., oak flooring, Ronceverte, W. Va.
Ronceverte Milling Co., flour, Ronceverte, W. Va.
Ronchi & Son, pianos, West Hoboken, N. J.
Roneo Co., pencil sharpeners, copying presses, 117 Leonard, New York.
Roney & Rae Co., bobbin holders, Woonsocket, R. I.
Ronfeldt, Chas. J., steel stamps, 61 Beekman, New York.
Ronson Spec. Co., wrenches, etc., 7 Mulberry, Newark, N. J.
Roo & Van Leeuwen Lumber Co., Lynden, Wash.
Rood Constr. Co., Grand Rapids, Wis.
Rood, M., & Co., flour mills, Bark River, Mich.
Rood, R. A., packing box mfrs., Buttles av & Facty., Columbus, O.
Roode, S. M., architect, Dillon, Mont.
Roof, H. H., architect, Biloxi, Miss.
Rooke Automatic Register Co., 17 Warren, Providence, R. I.
Rooke, Frank A., architect, 489 5th av, New York.
Rooksby, E. J., & Co., machy. mfrs., 435 N. 11th, Phila., Pa.
Rockwood Pottery Co., Rockwood pl, Mount Adams, Cincinnati, Ohio.
Roome, E., flour mills, Sisterville, W. Va.
Roome, James A., carriages, Peabody, Mass.
Rooney, F. D., architect, Empire State Bldg., Spokane, Wash.
Rooney, F. J., Lamp Co., 257 14th, Hoboken, N. J.
Rooney, John A., contractors, 319 Wash., Boston, Mass.

Rooney, Jno. B., mill & facty. supplies, Walpole, Mass.
Rooney, Wyckoff Co., contrs., Consolidated Realty bldg., Los Angeles, Cal.
Roos, August, Sons, brewers' machy. & supplies, coppersmiths, 429 E. 91st, New York.
Roos Bros., contractors, 2824 Stanton av, W. H., Cincinnati, O.
Roos, Chas., lbr., Williamsport, Pa.
Roos, Hy., Fdry. Co., archl. iron, 1749 Ballou, Chicago, Ill.
Roos Mfg. Co., cedar chests, curtain poles, 967 W. 20th, Chicago, Ill.
Roosa, Fredk. H., archt., 316 Flatbush av, Brooklyn, N. Y.
Roosen, H. D., Co., printing inks, 461 8th av, New York.
Roosevelt, W. A., Co., plumbers', mill & facty. supplies—jobbers, La Crosse, Wis.
Root, A. I., Co., bee keepers' supplies, Medina, Ohio.
Root, B. M., Co., variety sawing machinery, York, Pa.
Root, C. D., lbr., Crown Point, Ind.
Root, C. R., wood carvers, plastic orna., etc., Hartford, Conn.
Root, Chas. J., Co., counting machines & wrought brass hinge mfrs., Bristol, Conn.
Root, G. L., Co., carriages, Coopersville, Mich.
Root Glass Co., bottles, Terre Haute, Ind.
Root-Heath Mfg. Co., cobblers' outfits, shoe cleaners, Plymouth, Ohio.
Root, Hy. S., & Son, wholesale hdwe., Newport, Vt.
Root, J. M., Piano Co., 6632 Kimbark av, Chicago, Ill.
Root, J. V., canned goods, Versailles, Ill.
Root & Kerr, architects, Henry Bldg., Portland, Ore.
Root Mfg. Co., sash, door & blind, Michigan City, Ind.
Root Mfg. Co. (Tivoli Mills), knit gds., Cohoes, N. Y.
Root, Neal, & Co., mill & facty. supplies, etc., Buffalo, N. Y.
Root, Neilson & Co., machsts. & fndrs., Sacramento, Cal.
Root & Siemens, architects, Scarritt Bldg., Kansas City, Mo.
Root Spring Scraper Co., Kalamazoo, Mich.
Root & Vandervoort Engng. Co., East Moline, Ill.
Root, W. A., & H. A., contractors, 1 Beacon, Boston, Mass.
Root, W. H., cornices & skylights, Iola, Kans.
Roots, P. H., F. M., Co., machsts. & fndrs., Connersville, Ind.
Roovers Bros., letter & figure embossing presses, stationers' spec., etc., 100 Schermerhorn, Brooklyn, N. Y.
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Rope Fire Escape Co., 1602 Market, Philadelphia, Pa.
Ropelt & Sons Piano Co, Rochester, N. Y.
Roper Bros., Co., bathing suits, Needham Heights, Mass.
Roper, C. F., & Co., oil pump mfrs., Hopedale, Mass.
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Roper, John L., Lumber Co., lumber mfrs., Norfolk, Va.
Ropes Bros., masons' & bldrs.' matls., Danvers, Mass.
Roquemore, O. G., architect, Amarillo, Tex.
Roren Drop Forging Co., Inc., wrenches, 36 Warren, New York.
Rork, M. D., Mfg. Co., windmills, Lansing, Mich.
Rosa Lbr. Co., Picayune, Miss.
Rosa, N. W., masons' & bldrs.' matls., Schenectady, N. Y.
Rosback, F. P., Co., book binders' machy., Benton Harbor, Mich.
Rosch, Math, cornices, 2937 N. Ashland av, Chicago, Ill.
Rosche, John, machst. & fndr., Schleisingerville, Wis.
Rosche & Suhs, machsts. & fndrs., Waupaca, Wis.
Roscoe, Edward F., contractor, Pittsfield, Mass.
Rose, Albert A., contractor, Penobscot Bldg., Detroit, Mich.
Rose Bros., & Co., umbrella mfrs., Lancaster, Pa.
Rose & Cecil, flour mills, Stillwater, Ky.
Rose, Charles Fred'k, architect, 118 E. 28th, New York
Rose Co., wall pockets, 804-6-8 Sansome, Phila., Pa.
Rose City Cotton Oil Mill, Little Rock, Ark.
Rose City Mfg. Co., lumber, Rose City, Mich.
Rose, Clarence T., architect, Corcoran Bldg., Washington, D. C.
Rose, D. M., & Co., sash, door & blind, Knoxville, Tenn.
Rose, Edw., architect, Elmhurst, N. Y.
Rose & Fisher, contractors, Sandusky & Duquesne wy, Pittsburgh, Pa.
Rose, Garland R., architect, Durham, N. C.
Rose, H., bowl'g alley bldrs., 145 Hamilton av, Brooklyn, N. Y.
Rose, H. A. (Est. of), masons' & bldrs.' matls., North Tonawanda, N. Y.
Rose, H. Wilson, architect, Newton Centre, Mass.
Rose & Hastie, elec. portables, 754 Lexington av, Brooklyn, N. Y.
Rose, J. A., Mfg. Co., automobile pumps, guns & syringes, Hastings, Neb.
Rose, Jas. G., machst. & fndr., Victoria, Tex.
Rose & Johnson, mill & facty. supplies, Haverstraw, N. Y.
Rose-Lyon Hardware Co., Little Rock, Ark.
Rose Mfg. Co., heaters, lamps, etc., 910 Arch, Phila., Pa.
Rose Mfg. Co., J. A., gasket cutters, etc., 105 S. Kansas av, Hastings, Neb.
Rose Mfg. Co., water cooler cocks, 16 E. 33d, New York.
Rose Patent Grate Co, Council Bluffs, Ia.
Rose, Peter, & Sons, harness mfrs., Baltimore, Md.
Rose & Peterson, architects, 715 Minnesota av, Kansas City, Mo.
Rose Point Stone & Lime Co., New Castle, Pa.
Rose Polytechnic Inst., engng. school & coll., Terre Haute, Ind.
Rose, Richard, wall paper mfr., Beverly, N. J.
Rose, Rich D., architect, Tiverton, R. I.
Rose, S., black carbons, 21 Maiden la, New York.
Rose, S., Co., emery wheel dressers, carbons, 12 John, New York.
Rose Spring & Mattress Co., Memphis, Tenn.
Rose, Strauss Co., electric portables, 208 W. 48th, New York.
Rose, Thomas Leslie, archt., Majestic bldg., Milwaukee, Wis.
Rose Tool & Supply Co., 111 Market, Pittsburgh, Pa.
Rose Trunk Co., Atchison, Kans.
Rose, Wm., & Bros., erasers, knives, trowels, Sharon Hill, Pa.
Roseberry, W. L., cornices, 345 N. Frazier, Phila., Pa.
Roseboom, J. A., & Co., corn brooms, Mattoon, Ill.
Roseboom, W. L., & Co., broom corn, 3544 S. Morgan, Chicago, Ill.
Roseboro, Chester E., carriages, New Holland, Pa.
Rosebrooks & Cummings, cornices & skylights, Webster, Mass.
Rosebud Oil & Cotton Co., meal, Rosebud, Tex.
Rosechlaub, Roberts S., archt., 3676 3d, San Diego, Cal.
Rosedale Contrg. & Supply Co., Hodiamont av, nr. Cates av, St. Louis, Mo.
Rosedale Foundry & Machine Co., Columbus & Preble, Pittsburgh, Pa.
Rosehill Cornice Wks., 5909 N. Clark, Chicago, Ill.
Roseland Can & Spec. Co., Rockford, Ill.
Roseland Farm & Mfg. Co., meat packers, Warrensburg, Mo.
Roseland Veneer & Package Co., Ltd., Roseland, La.
Rosell, T. J., contractors, Biloxi, Miss.
Rosema & Top, contractors, Grand Rapids, Mich.
Rosen, A. W., & Co., lamps, plugs, etc., 610 B'way, New York.
Rosen, Henry, scrap iron & steel, Toledo, Ohio.
Rosen Knitt'g Mills, sweaters, cardigans, etc., 441 Blake av, Brooklyn, N. Y.
Rosen, R. O., architect, Powers Bldg., Chicago, Ill.
Rosenbaum, C. E., Machinery Co., Little Rock, Ark.
Rosenbaum Hdwe, Co., hardware, wholesale, 2610 Washington av, Newport News, Va.
Rosenbaum Mfg. Co., machsts., 33 Bleecker, New York.
Rosenbaum & Philips, elec. & gas light fixtures, 204 W. Houston, New York.
Rosenberg Bros., scrap iron & rubber, Chelsea, Mass.
Rosenberg, F., Elev. Co., 174 Reed, Milwaukee, Wis.
Rosenberg, J. H., Jr., stone producers, Wheeling, W. Va.
Rosenblatt, Hy., plate glass, 148 Fountain, Providence, R. I.
Rosenblatt, Wm. (Inc.), scrap tin, brass, 262 Water, New York.
Rosenbush & Solomon, bronze powder, 23 S. Desplaines, Chicago, Ill.
Rosencrance, Bruce & Clay, flour mills, Mill Creek, W. Va.
Rosenfeld, I., cornices, 274 Av B, New York.
Rosengren, Ed., brooms, Lindsborg, Kans.
Rosenheim, Alfred F., architect, H. W. Hellman Bldg., Los Angeles, Cal.
Rosenhirsch, H., Co., bristles, 10 Goddard, Providence, R. I.
Rosensohn, Hyman, architect, 800 Broad, Newark, N. .
Rosenson, D., & Sons, bags & suit cases, 1600 Baronne, New Orleans, La.
Rosenson, David, paint mfr., 407 Watkins, Brooklyn, N. Y.
Rosenstiel, Chas., & Son, contractors, 606 Reading rd, Cincinnati, Ohio.
Rosenthal, A. B., architect, 126 W. 3d, Los Angeles, Cal.
Rosenthal, Albert, contractor, Garrett Bldg., Baltimore, Md.
Rosenthal Bros., silk tassels, 463 Broome, New York.
Rosenthal, Christian, soap, Detroit, Mich.
Rosenthal & Cohen, packing box mfrs., 53 Great Jones, New York.
Rosenthal Corn Husker Co., West Allis, Milwaukee, Wis.
Rosenthal & Grosz, architects, 219 Carondelet, New Orleans, La.
Rosenthal, H. A., scrap rubber, Trenton, N. J.
Rosenthal, Jos., cornices, 220 N. 5th, Phila., Pa.
Rosenthal, O. W., & Co., contractors, 80 E. Jackson, Chicago, Ill.
Rosenthal's, Jos., Sons, babbitt metal, brass castings, 190 W. Berks, Phila., Pa.
Rosenwach, J., wood tanks, 619 Grand, New York.
Rosenwald & Weil, rubber sheeting & cloth, 1514 W. Kinzie, Chicago, Ill.
Roseville Pottery Co., Linden av, Zanesville, Ohio.
Rosewarne, Wm., contractor, Mishawaka, Ind.
Rosewater Electric Co., blowers, 5516 Hinsman rd, Cleveland, O.
Rosiclare Lead & Fluorspar Mines, Washington, D. C.
Rosie Mill & Gin Co., Rosie, Ark.
Rosin & Turpentine Export Co., 26 Cortlandt, New York.
Rosing, Astrid S., masons' & bldrs.' matls., 111 W. Monroe, Chicago, Ill.
Rosman Tanning Extract Co., Rosman, N. C.
Ross, Adam, Cut Stone Co., 1003 B'way, Albany, N. Y.
Ross, Albert R., archt., 16 E. 40th, New York.
Ross Automobile Co., Jefferson & McDougall av, Detroit, Mich.
Ross, B W., & Co., contrs., Easton, Ind.
Ross Boiler Co., 3600 Shields av, Chicago, Ill.
Ross Bros., Co., garden barrows, whol. hdwe., 90 Front, Worcester, Mass.
Ross, C. E., clothes washing machines, Lincoln, Ill.
Ross Carriage Mfg. Co., Union City, Ind.
Ross & Caso, architects, Bankers Trust Bldg., Waco, Tex.
Ross, Chas. & Son Co., paint grinding & mixing machy., 148 Classon av, Brooklyn, N. Y.
Ross Co., advtg. novelties, 503 Ry. Exch. bldg., Portland, Ore.
Ross Construction Co., Sacramento, Cal.
Ross, C. W., contr., Middleburg, Vt.
Ross, Donald, contractor, 459 7th av, New York.
Ross, E. C., canned goods, Seaford, Del.
Ross, E. W., Co., agricultural implements, Springfield, Ohio.
Ross, Frazer, Iron Co., St. Joseph, Mo.
Ross, Fred C., lumber, 517 Warren av, W. Detroit, Mich.
Ross Gear & Tool Co., Lafayette, Ind.

Ross, Giles, contractor, Wilkes-Barre, Pa.
Ross, H. W., Lumber Co., Minneapolis, Minn.
Ross Hardware Co., Eufaula, Ala.
Ross Heater & Mfg. Co., Inc., feed water heaters, 753 Bird av, Buffalo, N. Y.
Ross Heel Co., South Easton, Mass.
Ross, Henry J., architect, 6741 Sheridan rd, Chicago, Ill.
Ross, I. R., architect, Winfield, Kans.
Ross, Ivory S., granite, Biddeford, Me.
Ross, J. A., turpentine, Surrency, Ga.
Ross, J. A., & Co., contractors, 4561 Armitage av, Chicago, Ill.
Ross, J. J., Mill furnishing Co., Portland, Ore.
Ross, J. M., marble prod., Knoxville, Tenn.
Ross, Jas. H., masons' & bldrs.' matls., 141 Erie, Buffalo, N. Y.
Ross, John A., contractors, Frankfort, Ind.
Ross, John B., & Co., bags & bagging, Charlotte, N. C.
Ross, Jos., & Co., cork screws, paper cutters, etc., Irvington, N. J.
Ross Lumber Co., Knoxville, Tenn.
Ross & McNeil, architects, 39 E. 42d, New York.
Ross Machine Co., machsts. & fndrs., Lafayette, Ind.
Ross Mfg. Co., hack saw blades, 1225 Lydia, Kansas City, Mo.
Ross Mfg. Co., feed water heaters, Northville, Mich.
Ross Mfg. Co. (The), wheel truing tools for precision grinding, 2186 E. 65th, Cleveland, Ohio. *See adv index at end of book*
Ross-Mayer Mfg. Co., leather measuring machines, 1423 Olive, St. Louis, Mo.
Ross-Meehan Foundries, Chattanooga, Tenn.
Ross-Moyer Mfg. Co., harness machy., Cincinnati, Ohio.
Ross, P. Sanford, contractor & dock bldr., 277 Washington, Jersey City, N. J.
Ross, R. G., contractor, Jacksonville, Fla.
Ross, R. J., Mfg. Co., fire proof doors, 4241 Ogden av, Chicago, Ill.
Ross & Ralph, granite, Barre, Vt.
Ross & Republic Marble Co., Knoxville, Tenn.
Ross & Sawyer, contrs., Billings, Mont.
Ross Structural Iron Wks., Richmond, Va.
Ross Supply Co., machsts., Greenville, Ohio.
Ross-Tacony Crucible Co., Robins & Milner, Phila., Pa.
Ross Thos., & Bros. Soap Co., W. Mound & River, Columbus, O.
Ross, Thos. Patterson, architect, 310 California, San Fran., Cal.
Ross, U. G., & Bro., contractors, Easton, Md.
Ross Valve Mfg. Co., 9 Oakwood av, Troy, N. Y.
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Ross, W. A., & Bro., cements, stained glass substitutes, 11 S. William, New York.
Ross, W. H., architect, Grand Forks, N. D.
Ross, Walter D., htg. contrs., 263 Summer, Boston, Mass.
Ross, Warren Lbr. Co., Jamestown, N. Y.
Ross, Wm. S., stone producers, wkrs. & dlrs., 254 Douglass, Brooklyn, N. Y.
Ross & Williams, canned goods, Princess Anne, Md.
Ross-Willoughby Co., mill & facty. supplies, 178 3d, Columbus, O.
Ross, Wortham Co., car ventilators, McCormick Bldg., Chicago, Ill.
Ross & Young Mach. Co., Jefferson & McDougall avs, Detroit, Mich.
Rossbach Art Glass Wks., 101 W. Broad, Columbus, Ohio.
Rossbach, J. H., & Bros., crude rubber, 55 Frankfort, New York.
Rossborough, W. J., elevators, 625 Long av, Cleveland, O.
Rosseau, S. L., architect, Avalon, Pa.
Rossell Bros., & Co., revolving chairs, 255 S. 3d, Phila., Pa.
Rossell, Geo. C., contractor, Triangle Bldg., Rochester, N. J.
Rossell, Hy, high speed steel, 24 S. Jefferson, Chicago, Ill.
Rossell, I. S., contractor, 1 Madison av, New York.
Rossello, P. R., architect, 1489 Mack av, Detroit, Mich.
Rossendale-Reddaway Belting & Hose Co., belting mfrs., Newark, N. J.
Rosser, Chas., contractor, Bellaire, Ohio.
Rosser & Maloney, contractors, Bellaire, Ohio.
Rossi & Casellini, granite, Barre, Vt.
Rossi Saddlery Co., St. Joseph, Mo.
Rossie Iron Ore Paint Co., Ogdensburg, N. Y.
Rossie Velvet Co., Mystic, Conn.
Rossiter, J. Morris, contractor, Wayne, Pa.
Rossiter & Muller, architects, 16 W. 38th, New York.
Rosslyn Packing Co., meat packers, Rosslyn, Va.
Rossman, Robert, Co., tile, mosaics, etc., 154 W. 49th, New York.
Rossman, Roy G., wrapping machines tier, Seattle, Wash.
Rossney Contrg. Corp., Mutual Life Bldg., Buffalo, N. Y.
Rossville Canning Co., Rossville, Ill.
Rossville Distilling Co., Lawrenceburg, Ind.
Rosswell Hardware Co., Rosswell, N. M.
Rostand Mfg. Co., fire place furnishings, auto & car hardware, etc., Milford, Conn.
Roswell Mfg. Co., cotton sheeting, Roswell, Ga.
Rotary File & Mach. Co., machsts. & fndrs., 176 N. 4th, Brooklyn, N. Y.
Rotary Mfg. Co., water heaters, 9th & Santa Fe avs, Los Angeles, Cal.
Rotary Meter Co., 52 Vanderbilt av, New York.
Rotax Co., soldering flux, 38 E. 133d, New York.
Rote, A. B., & Co., steel structural wk., Lancaster, Pa.
Roth, A. L., Co., masons' & bldrs.' matls., Reading, Pa.
Roth, Adam E., brick, Pottstown, Pa.
Roth, Andrew, architect, La Crosse, Wis.
Roth & Augspurger, machsts., Gibson City, Ill.
Roth-Blum Packing Co., meat, 1490 Fairfax, San Francisco, Cal.
Roth Bros. & Co., auto. engine starters, 1400 W. Adams, Chicago, Ill.
Roth, Edward A., architect, Wabash Bldg., Pittsburgh, Pa.
Roth Elevator Safety Device Co., 7 W. German, Baltimore, Md.
Roth, Emery, architect, 119 W. 40th, New York.
Roth, Gottlieb, machst., 602 Beach, Philadelphia, Pa.
Roth, Henry W., contractor, Nazareth, Pa.
Roth, J. C., carriages, Lowell, Mich.
Roth, Jacob, scrap brass, 272 Clinton, Detroit, Mich.
Roth, Jacob, auto. tops, Erie, Pa.
Roth, John, architect, 199 Locust, Milwaukee, Wis.
Roth, John C., Packing Co., meat, 1010 Oehler, Cincinnati, O.
Roth, Joseph, & Co., knitted gloves, Toledo, Ohio.
Roth & Study, archts., Wright Bldg., St. Louis, Mo.
Rothan, Geo. J., sash, door & blind mfrs., Peoria, Ill.
Rothchild Engine Co., 102 Centre, New York.
Rothchild, W. S., architect, Rockaway Park, N. Y.
Rothe, Jos. F., Foundry Co., Green Bay, Wis.
Rothenberger, D. M., archt., 140 N. Queen, Lancaster, & 348 Greenwich, Reading, Pa.
Rothert, Harry, cornices, 1452 Walnut, Cincinnati, Ohio.
Rothfritz, R. E. K., stone, Asbury Park, N. J.
Rothfuss-Howard Iron Wks., machsts. & fndrs., Williamsport, Pa.
Rotholz, A. N., crude rubber, 123 Liberty, New York.
Rothschild Bros. & Co., button mfrs., 1115 B'way, New York.
Rothschild-Kuno Button Wks., 107 W. 25th, New York.
Rothschild, Le Roy R., architect, Bulletin Bldg., Phila., Pa.
Rothschild, M., zinc, 207 Norman av, Brooklyn, N. Y.
Rothschild, Meyers, & Co., kitchen enameled ware, 135 5th av. New York.
Rothschild, R., scrap iron, steel & tin, 207 Norman av, Brooklyn, N. Y.
Rothstein, Morris, architect, 1767 Pitkin av, Brooklyn, N. Y.
Rothweiler Truck Co., Seattle, Wash.
Rotier, H. J., architect, Goldsmith Bldg., Milwaukee, Wis.
Roto Co., boiler cleaners, air & water motors, Hartford, Conn.
Rotospeed Co., duplicators, Dayton, Ohio.
Rotthouse, Chas. A., carriages, Edgemoor, Del.
Roty, A., cornices, 206 High, Buffalo, N. Y.
Rounce, J. S., machst. & fndr., Ellsworth, Wis.
Round, D., & Son, chains & hoists, Cleveland, Ohio.
Round, Harry W., machst. & fndr., Traverse City, Mich.
Round, Olin H., architect, Oppenheim Bldg., St. Paul, Minn.
Round Rock Broom Co., Round Rock, Tex.
Round Top Glass Sand Co., Hagerstown, Md.
Rounds Elec. Co., decorative elec., lighting, 44 Boylston, Boston, Mass.
Rounds, T. W., Co. (Ltd.), harness mfrs., 48 Washington, Providence, R. I.
Rounsville, F. G., masons' & bldrs.' matls., Fowlerville, Mich.
Rountree, H. W., & Bro. Trunk & Bag Co., Richmond, Va.
Roure-Bertrand Fils, oils, 18 Cedar, New York.
Rourke Bros. Co., cornices, 834 Grand av, New Haven, Conn.
Rourke, Henry L., architect, Hildreth Bldg., Lowell, Mass.
Rourke, Jno., & Sons, mill & facty. supplies, Savannah, Ga.
Rouse Constr. Co., Poughkeepsie, N. Y.
Rouse, Geo., & Son, contractors, Canandaigua, N. Y.
Rouse & Goldstone, architects, 40 W. 32d, New York.
Rouse, H. B., & Co., machsts., 2214 Ward, Chicago, Ill.
Rouse, J. S., lumber, Limaburg, Ky.
Rouse & Phillips, lbr. mfrs., West Oneonta, N. Y.
Rouseville Supply Co., mill, facty. & oil well supplies—wholesale hdwe., Rouseville, Pa.
Roush, Stanley L., archit., Oliver bldg., Pittsburg, Pa.
Rouss, C. B., wholesale hdwe., 549 B'way, New York.
Rousseau, A. F., & C. M., archts., 110 Sutter, San Francisco, Cal.
Rousseau, Chas. J., architect, Maskey Bldg., San Fran., Cal.
Rousseau Co., architects, 2 E. 23d, New York.
Rousseau & Rousseau, architects, 110 Sutter, San Fran., Cal.
Routh, W. C., & Co., meat packers, Logansport, Ind.
Routt Bros., contrs., Sullivan, Ind.
Routt, W. A., & Son, contrs., Washington, Ind.
Rover, A. B., water motors, Binghamton, N. Y.
Roux, E. T., & Son, sash, door & blind, Plant City, Fla.
Roux Granite Co., Barre, Vt.
Rouzer, John, Co., contractors, 71 Wyandot, Dayton, Ohio.
Row & Davis Engnrs., Inc., naval architects and engineers, 90 West, New York. *See adv index at end of book.*
Rowan Canning Co., Salisbury, N. C.
Rowan Controller Co., electric controller mfrs., Balto., Md.
Rowan County Freestone Co., Farmers, Ky.
Rowan, Hy. A., Jr., machst., 2036 Sansom, Philadelphia, Pa.
Rowan, P. P., Co., Ltd., whol. hdwe., 920 Peridido, New Orleans, La.
Rowat Cut Stone Co., Des Moines, Ia.
Rowbottom Machine Co. (The), bench power presses, corn milling machines, cams, disc grinders, etc., Waterbury, Conn., factory, Waterville, Conn.
Rowe, A. C., & Son, watchmen's portable clocks, 33 Reade, New York.
Rowe, A. E., contractor, Kansas City, Kans.
Rowe, Alvin L., brick, Eliot, Me.
Rowe Calk Co., steel toe-calks, Hartford, Conn.
Rowe Contracting Co., Chestnut Hill av, Boston, Mass.

Rowe, E. H., lumber, Achilles, Va.
Rowe, E. L., & Son, contractors' tents, flags, hammocks, etc., Gloucester, Mass.
Rowe, Frank E., architect, New Milford, Conn.
Rowe, Geo., & Son, saws, 121 W. 2d, Cincinnati, Ohio.
Rowe & Giles Lumber Co., Chagrin Falls, Ohio.
Rowe, Henry, Mfg. Co., automatic wood turnings, Newaygo, Mich.
Rowe, Jas., machst., 1058 W. Harrison, Chicago, Ill.
Rowe, John A., cut stone Co., Bedford, Ind.
Rowe, Joseph W., architect, 1915½ Main, Dallas, Tex.
Rowe, L. L., furnace regulators, washers, etc., 74 Portland, Boston, Mass.
Rowe, Linden P., architect, 53 W. Jackson blvd, Chicago, Ill.
Rowe, M. A., machst. & fndr., Martinsville, Ill.
Rowe Mfg. Co., farm gates, hog oilers, Galesburg, Ill.
Rowe Motor Mfg. Co., auto bldrs., Downington, Pa.
Rowe Ring-Point Co., case hardening compounds & welding plates, Hartford, Conn.
Rowe Sanitary Mfg. Co., chemical closets, 210 6th av, Detroit, Mich.
Rowe & Smith, archts., 1123 B'way, New York, & 161 Devonshire, Boston, Mass.
Rowe, Thomas F., archt., 518 Main, Worcester, Mass.
Rowe, W. A., & Co., fertilizer, Comer, Ga.
Rowekamp, Bernard J., steel structural wk., 2620 Colerain av, Cincinnati, Ohio.
Rowell, D. G., machy., Appleton, Wis.
Rowell, F. P., masons' & bldrs.' matls., Newport, N. H.
Rowell, G. D., & Son, car movers & pushers, Appleton, Wis.
Rowell, I. B., Co., agricultural implements, Waukesha, Wis.
Rowell, J. C., contractor, Petersburg, Va.
Rowell Mfg. Co., melting furnaces, Appleton, Wis.
Rowell & Plummer, contractors, Concord, N. H.
Rowell, W., lumber mfr., Sunapee, N. H.
Rowena Stone & Sand Co., Johnstown, Pa.
Rowe's, Robt., Sons, carriages & wagon wheels, Brentwood, N. H.
Rowesville Oil Co., meal, Rowesville, S. C.
Rowie, E. W., flour mills, Daleville, Va.
Rowland, Alonzo, contractor, 4322 Pechin, Rox., Phila., Pa.
Rowland & Branch, contractors, Augusta, Ga.
Rowland Bros., masons' & bldrs.' matls., Bevier, Mo.
Rowland Buggy Co., Sumter, S. C.
Rowland, Chas. P., glass stainers, Binghamton, N. Y.
Rowland, John B., fertilizer mfr., Monmouth Junction, N. J.
Rowland, John R., charcoal, Clementon, N. J.
Rowland, John T., Jr., architect, 100 Sip av, Jersey City, N. J.
Rowland Lbr. Co., Norfolk, Va.
Rowland Mach. Co., New Haven, Conn.
Rowland Mfg. Co., storm sash hangers, Denver, Colo.
Rowland Sheet Iron & Cornice Wks., 3713 Cass av, St. Louis, Mo.
Rowland, T. T., & Son, agricultural implements, Tuscumbia, Ala.
Rowland, Wm., & Harvey, springs, Tacony & Lewis, Phila., Pa.
Rowlands, John C., architect, Homestead, Pa.
Rowles, E. W. A., church & school furniture, 327 S. Market, Chicago, Ill.
Rowley Bros., contractors, 812 W. 63d, Chicago, Ill.
Rowley, C. B., contractor, Brainerd, Minn.
Rowley, Frank G., Co., contractor, Pawtucket, R. I.
Rowley, John F., architect, 477 5th av, New York.
Rowley, Wm. M., & Co., lumber mfrs., Cuba, N. Y.
Rowntree, Jno. T., metals, Denver, Colo.
Rowton, H. A., roll coverers, Fitchburg, Mass.
Roxana Petroleum Co. of Okla., Tulsa, Okla.
Roxbury Construction Co., 18 Clifton, Boston, Mass.
Roxbury Iron & Metal Co., scrap iron, 140 Granite av, Dorchester, Mass.
Roxbury Shoe Thread Co., 35 Wormwood, Boston, Mass.
Roxton Cotton Oil Co., meal, Roxton, Tex.
Roy, B. S., & Son Co., textile machy., etc., Worcester, Mass.
Roy Bros., lbr. mfrs., East Barnet, Vt.
Roy & Dye, flour mills, Mintonville, Ky.
Roy, Dennis, contr., Manchester, N. H.
Roy, E. B., Lumber Co., Seattle, Wash.
Roy Engng. & Iron Wks., machsts. & fndrs., 51 Otsego, Brooklyn, N. Y.
Roy, Franz, architect, 9140 Commercial av, Chicago, Ill.
Roy, J. A., brick, Lafayette, La.
Roy, J. G., & Sons, contrs., Springfield, Mass.
Roy, Melvin S., architect, Mt. Clemens, Mich.
Roy Plow Co., fndrs., Paragould, Ark.
Roy & Titcomb, mill & facty. supplies, Nogales, Ariz.
Roy Watch Case Co., 81 Prospect, Brooklyn, N. Y.
Roy Woolen Co., carriage robes, Watervliet, N. Y.
Royal Art Glass Co., 243 Canal, New York.
Royal Blue Slate Co., roofing slate mfrs., Slatedale, Pa.
Royall & Borden, cotton felts, Goldsboro, N. C.
Royal Brass Mfg. Co., machsts. & fndrs., 1417 E. 43d, Cleve., O.
Royal Bronze Ink Co., 150 N. 6th, Philadelphia, Pa.
Royal Button Wks., 13 W. 17th, New York, & 505 Market, Philadelphia, Pa.
Royal Chair Co., Sturgis, Mich.
Royal Chandelier Works, Allentown, Pa.
Royal Chemical Co., platers' & polishers' compounds, alkali, soap, etc., Phenix, R. I.
Royal China Co., Sebring, Ohio.
Royal Comb. Co., celluloid combs, Leominster, Mass.
Royal Display Fixture Co., 812 B'way, New York.
Royal Elec. Co., lightning arresters, Sidney, Ohio.
Royal Elec. Mfg. Co., 556 E. 40th, switches, Chicago, Ill.
Royal Enameling Mfg. Co., metallic shades, car signs, Des Plaines, Ill.
Royal Fibre Co., brake bands, W. Somerville, Mass.
Royal Gas Light Co., 18 W. Kinzie, Chicago, Ill.
Royal Glue Co., 210 N. S. W., Washington, D. C.
Royal Heating Co., 280 Minna, San Francisco, Cal.
Royal Iron & Mfg. Co., Big Prairie, Ohio.
Royal Knitting Mills, sweaters, etc., 846 W. Jackson Blvd., Chicago, Ill.
Royal Lace Paper Works, 842 Lorimer, Brooklyn, N. Y.
Royal Lamp Co., Cleveland, Ohio.
Royal Lamp Shade Co., 39 E. 19th, New York.
Royal Lumber Co., Atlanta, Ga.
Royal Mfg. Co., cotton waste, Rahway, N. J.
Royal Mfg. Co., frying baskets, pot covers, Denckla Bldg., Philadelphia, Pa.
Royal Mfg. Miller-Hoefer Co., silver nov., 89 Jefferson av, Detroit, Mich.
Royal Metal Furniture Co., 125 8th, Brooklyn, N. Y.
Royal Metal Mfg. Co., metallic furniture, 2318 S. Western av, Chicago, Ill.
Royal Milling Co., flour, Nashville, Tenn.
Royal Mills, bags & bagging, Charleston, S. C.
Royal Motor Truck Co. of N. Y., 112 8th av, New York.
Royal Music Roll Co., 2964 Main, Buffalo, N. Y.
Royal Packing Co., canned goods, Los Angeles, Cal., Milton, Del., & Windfall, Ind.
Royal Polishing Wks., 255 Centre, New York.
Royal River Mfg. Co., bags, twine, etc., Yarmouth, Me.
Royal River Packing Co., canned goods, Portland, Me.
Royal Steam Heater Co., Gardner, Mass.
Royal Stove Co., stove mfrs., Spring City, Pa.
Royal Telephone Co., binding posts, Milford, Ind.
Royal Textile Co., cotton waste, 200 Congress, Boston, Mass.
Royal Typewriter Co., 366 B'way, New York.
Royal Varnish Co., Toledo, Ohio.
Royal Ventilator Co., 415 Locust, Philadelphia, Pa.
Royall & Borden, mattresses, Goldsboro, N. C.
Royall Cotton Mills, Wake Forest, N. C.
Royden Marble Machy. Co., 137 E. 25th, New York.
Roydhouse, Arey, Co., contractors, Fidelity Bldg., Phila., Pa.
Royer, Chas., brick, Belle Center, Ohio.
Royer, Jos. W., architect, Flatiron Bldg., Urbana, Ill.
Royer & Zwiebel, governors—electric hoist, Wilkes-Barre, Pa.
Royersford Foundry & Machine Co., machy. mfrs., Royersford, Pa.
Royle, John, & Sons, machsts., Paterson, N. J.
Roys Heat Control Co., 913 Gates av, Brooklyn, N. Y.
Royse Oil Mill Co., meal, Royse, Tex.
Royster Chemical Wks., acid mfrs., Norfolk, Va.
Royster, F. S., Guano Co., fertilizer mfrs., Columbus, Ga., & Norfolk, Va.
Royston Guano & Warehouse Co., Royston, Ga.
R. P. K. Pressed Metal Co., shoe-trees & sheet metal stamping, Bridgeport, Conn.
R. & R. Rectifier Co., Midway, Fla.
R. R. Sign Co., Dayton, Ohio.
R. & S. Mach. Co., 24 L, S. Boston, Mass.
Ruark, Lafayette, canned goods, Westover, Md.
Rubber & Celluloid Harness Trimming Co., 56 Ferry, Newark, N. J.
Rubber & Celluloid Products Co., force cups, auto handles & teething, Newark, N. J.
Rubber Fibre Co., sheet packing & shoe cover mfrs., 560 First, Boston, Mass.
Rubber Goods Mfg. Co., B'way & 58th, New York.
Rubber Insulated Metals Corp., pliers, screw-drivers, Plainfield, N. J.
Rubber & Metal Supply Co., 157 South, New York.
Rubber Paint Co., paint mfrs., Balto., Md.
Rubber Products Co., Barberton, Ohio.
Rubber Regenerating Co., rubber (reclaimed), Mishawaka, Ind.
Rubber Roofing Mfg. Co., 5 Cortlandt, New York.
Rubber Stopple Co., rubber goods, West av, Long Island City, N. Y.
Rubber Trading Co., 9 Murray, New York.
Rubber Waste Co., 152 Lincoln, New York.
Rubberhide Co., rubber boots, 212 Essex, Boston, Mass.
Rubberset Co., auto. tire preserver, roofing & carbon brushes, etc., 56 Ferry, Newark, N. J.
Rubel Loose Leaf Mfg. Co., 314 W. Superior, Chicago, Ill.
Rubelman, G. A., Hdwe. Co., 907 N. 6th, St. Louis, Mo.
Rubelmann, Lucas, Hdwe. Co., 1939 N. B'way, St. Louis, Mo.
Rubenstein, H., & Co., mattresses, 640 W. 14th, Chicago, Ill.
Rubenstein, L., jewelry cases, 380 Lafayette, New York.
Rubes Elec. Devices, elec. & gas light portables, 255 Classon av, Brooklyn, N. Y.
Rubin, Jacob, plate glass, 11 James, New York.
Rubino, A. Francis, architect, Warner Bldg., Bridgeport, Conn
Rubinow Edge Tool Wks., 35 Vesey, Newark, N. J.
Ruble & Lemon, canned goods, Nace, Va.
Rub-No-More Co., acids, soap, Ft. Wayne, Ind.
Ruboil Belting Co., 8th & Wallace, Philadelphia, Pa.

Rub-On Mfg. Co., valve reseating tools, 216 Niagara, Buffalo, N. Y.
Rubottom Plow Fcty., machsts., Felton, Cal.
Rubsam, W. A., stone producers, Springfield, Ohio.
Rubush & Hunter, architects, Amer. Cent. Life Bldg., Indianapolis, Ind.
Ruby Carriage Co., Louisville, Ky.
Ruby Chemical Co., soldering flux, 157 W. State, Columbus, Ohio.
Ruby, Geo. H., Hardware Co., Oneida, N. Y.
Ruby Lumber Co., masons, & bldrs.' matls., Madisonville, Ky.
Ruby Mfg. Co., oil & grease guns & syringes, Tuckahoe, N. Y.
Ruby, R. B., masons' & bldrs.' matls., Oneida, N. Y.
Ruch Auto Top Co., auto. trunks, Mt. Vernon, N. Y.
Ruch, John, cornices, Richmond, Ind.
Ruckel Art Glass Co., Pugh Bldg., Cincinnati, Ohio.
Ruckel, J. H., & Son, mill & facty. supplies, 81 Main, Buffalo, N. Y.
Rucker, Benton & Co., flour mills, Waco, Ky.
Rucker Bros., lumber mfrs., Lake Stevens, Wash.
Rucker, J. B., & Son, flour, Troup, Tex.
Rucker Quarries, stone producers, Greenfield, Ohio.
Ruckman Bros., fertilizer mfrs., New Brunswick, N. J.
Rud, C. O., & Co., wagons, Lansing, Ia.
Ruddell, Geo. B., architect, 721 Main, Hartford, Conn.
Ruddell, Geo. W., Co., contractors, 30 W. 42d, New York.
Rudder Publishing Co., 9 Murray, New York.
Ruddock Orleans Cypress Co., Carrollton av & New Basin, New Orleans, La.
Ruddock Yacht Wks., 213th & Harlem River, New York.
Ruddy, M. J., contractor, Scranton, Pa.
Rude, C. O., masons' & bldrs.' matls., South Bend, Wash.
Rude Mfg. Co., agricultural implements, Liberty, Ind.
Rudge & Guenzel Co., mattresses, Lincoln, Neb.
Rudge Jno. Foundry Co., Port Huron, Mich.
Rudgear-Merle Co., machsts. & fndrs., 198 Bay, San Francisco, Cal.
Rudman, C., tinware mfrs., 57 Fulton, New York.
Rudolf Piano Co., 220 So. Blvd, New York.
Rudolph & Son Co., cornices, skylights, 416 Prospect av, N. W., Cleveland, Ohio.
Rudolph & West Co., wholesale hdwe., 1332 New York av, Washington, D. C.
Rudolph, Wm. F., experimental & models wk., 1308 Girard av, Philadelphia, Pa.
Rudy Bros. Co., glass stainers, Highland & Center, Pittsburgh, Pa.
Rudy Brown Co., brooms, Madisonville, Ky.
Rudy, Jno. A., & Son, advtg. novelties, Carlisle, Pa.
Rue, F. E., architect, 1610 Alamo, Houston, Tex.
Rue, John C., masons' & bldrs.' matls., Gallipolis, Ohio.
Rue Mfg. Co., boiler washing systems & injectors, 228 Cherry, Philadelphia, Pa.
Rue Mfg. Co., washing mach., Ambay, Minn.
Buebel, Jno, Constr. Co., 1876 Hanfield, N. S., Cincinnati, Ohio.
Rueckert, Jacob J., architect, Blymyer bldg., Cincinnati, Ohio.
Rueckert Mfg. Co., jewelry cases, 162 Clifford, Providence, R. I.
Ruecking Const. Co., contrs., Marine av & Gasconade, St. Louis, Mo.
Ruedlinger, C. N., landscape architect, 2929 Colfax av, S, Minneapolis, Minn.
Ruedy, Albert, meat packer, Toledo, O.
Ruegg Bros., contractors, Pacific Bldg., San Francisco, Cal.
Ruehle, E. G., & Co., architects' instruments & supplies, 119 Fulton, New York.
Ruehle, John, fertilizer mfr., Defiance, Ohio.
Ruehrmund, Carl, architect, Allison Bldg., Richmond, Va.
Ruemmeli-Dawley Mfg. Co., machsts. & fndrs., 3900 Chouteau av, St. Louis, Mo.
Ruesch, H. J., Mach. Co., 407 Mulberry, Newark, N. J.
Ruese, E. F., Sidney, Ohio.
Rueth, Jos., archl. iron, 462 10th av, New York.
Ruf, Herman P., machsts., 93 Crosby, New York.
Ruff, E. G., canned goods, Delta, Pa.
Ruff & Rehmeyer, canned goods, Woodbine, Pa.
Ruffini, Oscar, architect, San Angelo, Tex.
Rugby Milling Co., flour, Rugby, N. D.
Ruge Bros. Canning Co., Apalachicola, Fla.
Ruger, J. W., Mfg. Co., engines, Buffalo, N. Y.
Ruger, Louis, cornices, 1603 N. 4th, Philadelphia, Pa.
Rugg, C. H., Co., plate glass, sash, door & blind mfrs., Rochester, N. Y.
Rugg, C. H., Co., sash, door & blind mfrs., 101 Park av, New York.
Rugg Construction Co., Syndicate Trust Bldg, St. Louis, Mo.
Rugg, E. T., & Co., halters & rope, Newark, Ohio.
Rugg Mfg. Co., wood handles, Greenfield, Mass.
Ruggles-Coles Engineering Co., dryers, 50 Church, New York.
Ruggles, Edd A., architect, Rose Bldg., Cleveland, Ohio.
Ruggles-Klingemann Mfg. Co., steamfitters' supplies, 10 High, Boston, Mass.
Ruggles, L. H., architect, Tulsa, Okla.
Ruggles Mach. Co., machsts. & fndrs., Poultney, Vt.
Ruggles, Walter G., Co., exhaust heads, 10 High, Boston, Mass.
Ruh, Geo. W., trunks, Bloomington, Ill.
Ruhe & Lange, architects, 10 N. 6th, Allentown, Pa.
Ruhl, Geo. S., carriages, Bucyrus, Ohio.
Ruhl, J. W., stone producers, Covington, Ohio.
Ruhle & Borer, machsts. & fndrs., 517 W. 45th, New York.
Ruhle, Christian, masons' & bldrs.' matls., Kankakee, Ill.
Ruhmann, G. E., furnaces, Schulenburg, Tex.
Ruickwork Co., sheet metal workers, machines & tools, St. Marys, Ohio.
Ruka Bros. Mfg. Co., Ltd., masons' & bldrs.' matls., Boscobel, Wis.
Ruke Carleton Co., tannery machy., Olean, N. Y.
Rule, Geo. B., contractor, New Brunswick, N. J.
Ruley-Covington Packing Co., canned goods, Tilghman, Md.
Rulifson, J. W., architect, Jamestown, N. Y.
Rullman & Wilson, marble exterior wk., Lafayette E. of Mt. Royal, Baltimore, Md.
RULOFSON, A. C., CO., manufacturers' agents, steel products, Monadnock Bldg., San Francisco, Cal.
Rumely, M., Co., machsts, & fndrs., Battle Creek, Mich., & Richmond, Ind.
Rumely-Wachs Machy. Co., 121 N. Jefferson, Chicago, Ill.
Rumery, F. A., Co., contractors, Portland, Me.
Rumley, Leo, Tractor Co., La Porte, Ind.
Rummel, H. F. L., sashes, doors & blinds, Reading, Pa.
Rummell, Richard W., Jr., archit., Courtenary, Florida.
Rummler, Wm. B., mfrs. interior hardwood wk., 367 W. 11th, New York.
Rump, Fred J., contractor, Fort Wayne, Ind.
Rumpp, C. F., & Sons, advtg. nov. & spec., 5th & Cherry, Philadelphia, Pa.
Rumrill & Co., seamless tin boxes, 52 Purchase, Boston, Mass.
Rumsey, C. J., & Co., wholesale hdwe., Ithaca, N. Y.
Rumsey, F. A., Co., bldg. contrs., Portland, Me.
Rumsey, L. M., Mfg. Co., plumbers', mill & facty. supplies, 810 N. 2d, St. Louis, Mo.
Rumsey Pump Co., Ltd., Seneca Falls, N. Y.
See adv index at end of book
Rumsey Pump & Machine Co., 75 Warren, New York.
Runde, Otto, architect, 4831 Barry av, Chicago, Ill.
Rundio, Nelson L., fndrs., Williamsport, Pa.
Rundle, A. J., mill & facty. supplies, Iron Mountain, Mich.
Rundle, Geo., contr., Yonkers, N. Y.
Rundle Mfg. Co., machsts. & fndrs., 27th & Wahl, Milwaukee, Wis.
Rundle Novelty Co., children's vehicles, 142 N. 3rd, Columbus, O.
Rundle-Spence Mfg. Co., plumbers' mill & facty. supplies, jobbers, 63 2d, Milwaukee, Wis.
Runge, H., & Co., machy. dlrs., Cuero, Tex.
Runions, R. W., & Co., bldg. contrs., Superior, Wis.
Runnells, O. E., masons' & bldrs.' matls., Lawrence, Mass.
Runnels, E. A., & Co., games, toys, etc., 116 Pearl, Boston, Mass.
Runner, D. M., contractor, Corning, N. Y.
Runquist, Jno., bldg. contr., Duluth, Minn.
Runsivick, J. A., contractor, 750 Garfield av, Salt Lake City, Utah.
Runskool Metal Co., 1095 Niagara, Buffalo, N. Y.
Runyan, C. C., & Son, cornices, Mansfield, Ohio.
Runyan & Co., lumber, Pensacola, Fla.
Runyan, Edwin S., architect, 220 Devonshire, Boston, Mass.
Runyen Mfg. Co., grease pumps, 40-50 Market av, N. W., Grand Rapids, Mich.
Runyon, A. D., fertilizer mfr., Millington, N. J.
Runyon Bros., boxes (tobacco), Eaton, Ohio.
Runyon, J. D., Mfg. Co., 190 1st, Jersey City, N. J.
Runyon & Ogden Co., htg. contrs., Binghamton, N. Y.
Runzel-Lenz Elec. Mfg. Co., tel. cords, tips, etc., 1751 N. Western av, Chicago, Ill.
Rupert, G. G., gun cleaning tools, Decatur, Ill.
Rupp Bros., Inc., architects, 189 Montague, Brooklyn, N. Y.
Rupp, Geo., & Bros. Co., scrap iron & steel, Quincy, Ill.
Rupp, Geo., Packing Co., meat packers, Hamilton, Ohio.
Rupp, Harry R., masons' & bldrs.' matls., Egg Harbor, N. J.
Rupp, J. J., lbr. mfrs., Saginaw, Mich.
Rupp, John J., stone, 2135 Fillmore, Buffalo, N. Y.
Rupp, Jos. F., Bldg. & Contr. Co., 1901 E. Warne av, St. Louis, Mo.
Rupp Mfg. Co., machsts., Hagerstown, Md.
Rupp, Michael, & Co., nautical instruments, 112 Broad, New York.
Rupp, William (Mrs.), potteries, Harrison, Ohio.
Ruppert, R. A., Co., cornices, Holyoke, Mass.
Rupprecht Co., stone producers, 129 Pennsylvania av, N. W., Washington, D. C.
Ruprecht Elec'l. Co., rectifiers, Cleveland, Ohio.
Ruprecht, W. & F., contrs., 8011 S. B'way, St. Louis, Mo.
Rupright Bros., masons' & bldrs.' matls., Van Wert, Ohio.
Rusche, J. P., contractor, Grand Rapids, Mich.
Rush, E., & Rush, architects, Tulsa, Okla.
Rush Eraser Co., Syracuse, N. Y.
Rush, Frank H., contractor, 393 Greene av, Brooklyn, N. Y.
Rush, John H., contractor, Pottstown, Pa.
Rush, Louis H., architect, 130 S. 15th, Philadelphia, Pa.
Rush Motor Truck Co., 1014 N. Front, Philadelphia, Pa.
Rushton-Carroll Co., waste end conveyors, 10 Ethan, Providence, R. I.
Rushton Cotton Mills, Griffin, Ga.
Rushton, J. H., motor boat bldrs., Canton, N. Y.
Rushton, J. W., sash, door & blind, Canton, N. Y.
Rushton, Sidney P., canoes, boat oars, Canton, N. Y.

Rushworth, George, archit., 354 Pine, San Francisco, Cal.
Rushworth, Linblad & Corcilious, architects, Jamestown, N. Y.
Rushworth & Son, machsts., Jamestown, N. Y.
Rusk Bros., masons' & bldrs.' matls., Mansfield, Ohio.
Rusk, Robert V., contractor, Evans Bldg., Washington, D. C.
Rusk & Sheets, architects, Brunson Bldg., Columbus, Ohio.
Rusler, H. B., Mfg. Co., machinists, Johnstown, Ohio.
Rusler Corpn. (The), tractors, 119½ B'way, Oklahoma City, Okla.
Rusling Co., steel tanks & towers, 39 Cortlandt, New York.
Russ, C., & Co., carriages, 263 Northampton, Boston, Mass.
Russ Co., faucets, plugs, pumps, refrigerators, 5700 Walworth av, Cleveland, Ohio.
Russ, Herman H., & Sons, steamfitters' supplies, Albany, N. Y.
Russ, J. B., mill & facty. supplies, Houston, Tex.
Russ Lumber & Mill Co., San Diego, Cal.
Russ, W. E., architect, Merchants' Bk. Bldg., Indianapolis, Ind., & Furniture Bldg., Evansville, Ind.
Russe & Burgess, lumber, Memphis, Tenn.
Russel, Howland, architect, Hathaway Bldg., Milwaukee, Wis.
Russel Wheel & Foundry Co., car builders, Detroit, Mich.
Russell, A. N., & Sons Co., store fixtures, Ilion, N. Y.
Russell, Albert, & Sons Co., mill & facty. supplies, Newburyport, Mass.
Russell, Ambrose J., architect, Nat'l Realty Bldg., Tacoma, Wash.
Russell, Benton S., architect, Tarrytown, N. Y.
Russell Box Co., folding paper boxes, Chelsea, Mass.
Russell Bros., carriages, Lexington, Mo.
Russell Bros. & Estes Co., turned wood nov., etc., Farmington, Me.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Russell, C. A. & F. N., architects, 50½ Warren, Roxbury, Boston, Mass.
Russell, C. H., architect, Story Bldg., Los Angeles, Cal.
Russell Car & Snow Plow Co., Ridgway, Pa.
Russell Chemical Co. (Ltd.), Russell, Pa.
Russell & Co., agricultural implements, Massillon, Ohio.
Russell Constr. Co., Superior, Wis.
Russell, Daniel, Boiler Wks., steel plate wk., 93 Boston, Boston, Mass.
Russell-DeWolfe Co., advtg. counsellors, 537 S. Dearborn, Chicago, Ill.
Russell, E. L., Co., storage battery charging sets, State Life Bldg., Indianapolis, Ind.
Russell, Edw. G., machst., Chesham, N. H.
Russell Elec. Co., fire alarms, Danbury, Conn.
Russell & Erwin Mfg. Co., hdwe. mfrs., New Britain, Conn., & 96 Lafayette, New York.
Russell Fdry. & Mach. Wks., 51 6th, Long Island City, N. Y.
Russell, Frank B., lbr. mfrs., Louisville, Ky.
Russell, Frank, Glove Co., Berlin, Wis.
Russell, Frederick A., archit., 336 4th av, Pittsburg, Pa.
Russell, G. A., contractor, Bloomington, Ill.
Russell, G. E., & Co., mill & facty. supplies, Holyoke, Mass.
Russell Grader Mfg. Co., 2005 Univ. av, S. E., Minneapolis, Minn.
Russell, Greene, Foell Co., contrs., Higgins Bldg., Los Angeles, Cal.
Russell, H. B., architect, 9 Park, Boston, Mass.
Russell, H. J., auto. windshields, Worcester, Mass.
Russell Hardware Co., McAlester, Okla.
Russell & Harn, architects, 25 West 42nd, New York.
Russell, J. C., cornices & skylights, Columbus, Ga.
Russell, J. C., Shovel Co., 336 4th av, Pittsburgh, Pa.
Russell, J., & Co., wholesale hdwe. & mill & facty. supplies, Holyoke, Mass.
Russell, J. M., architect, Lumberton, N. C.
Russell, J. M., Mfg. Co., machsts. & fndrs., Naugatuck, Conn.
Russell, J. N., Lumber Co., Bowling Green, Ky.
Russell, Jas., Boiler Wks. Co., 307 C., Boston, Mass.
Russell, Jas., Co., meat, Ogden, Utah.
Russell & Jennison Co., contractors, 2463 B'way, Toledo, Ohio.
Russell, John B., Knife Wks., Napanoch, N. Y.
Russell, Jno., Cutlery Co., Turners Falls, Mass.
Russell, Jno. W., & Sons Co., mill & facty. supplies, Springfield, Mass.
Russell & King, architects, Now blk, Syracuse, N. Y.
Russell-Kinkaid Co., water softeners, 140-146 W. Austin av, Chicago, Ill.
Russell Knitting Wks., gloves & mittens, Springfield, Mass.
Russell, L. R., mattresses, Bay City, Mich.
Russell, Lewis E., architect, 25 N. Dearborn, Chicago, Ill.
Russell, Lewis H., architect, 3916 N. H. av, N. W., Wash., D. C.
Russell, M. C., contractor, Springfield, Ohio.
Russell Machine Co., 28th, Pittsburgh, Pa.
Russell Mfg. Co., belting, halters & cotton webbing, Middletown, Conn.
Russell Mfg. Co., machsts., Greenfield, Mass.
Russell Mfg. Co., rubber clock absorbers, 349 B'way, New York.
Russell-Miller Milling Co., flour, Minneapolis, Minn.
Russell Milling Co., flour, Russell, Kans.
Russell Motor Axle Co., jack shafts, North Detroit, Mich.
Russell & Palmer, mill & facty. supplies, Batavia, N. Y.
Russell, Percy, electric-Dental machy., 12 E. 23d, New York.
Russell Playing Card Co., Milltown, N. J.
Russell, Robert G., flour, South Lowell, N. C.
Russell & Russell, mattresses, South Bend, Ind.
Russell, Sam'l C., contractor, 185 Church, New Haven, Conn.
Russell Specialty Mfg. Co., fibre specialties, 317 S. Clinton, Chicago, Ill. *See adv index at end of book.*
Russell, Stanislaus, architect, 2900 Clifton av, Baltimore, Md.
Russell & Stoll Co., junction boxes, lamps, plugs, etc., 17 Vandewater, New York.
Russell, Thos. N., lumber, Lacey, Wash.
Russell & Trieber, stone producers, Elgin, Ill.
Russell, W. A., & Co., steam & plumbing specialties, 63 West 37th, New York.
Russell, W. C., Mocassin Co., Berlin, Wis.
Russell, W. H., Co., contrs., New Brighton, N. Y.
Russell, W. L., Box & Lbr. Co., McKees Rocks, Pa.
Russell, W. L., & Son, canned goods, Mila, Va.
Russell, W. R., & Co., crude rubber, 138 Front, New York
Russell & Watson, lamps, 225 Washington, Buffalo, N. Y.
Russell, Wm. J., architect, 25 W. 42d, New York.
Russell, Wm. J., & Co., contractors, 58 W. Wash., Chicago, Ill.
Russell Wheel Co., Dertoit, Mich.
Russell, Wilson Raymond, archt., 100 E. Lexington, Balto., Md.
Russell Wind Stacker Co., 1001 Shelby, Indianapolis, Ind.
Russellville Iron Works, Russellville, Ark.
Russellville Packing Co., Russellville, Ohio.
Russia Cement Co., belt-dressing, Gloucester, Mass.
Rust Engineering Co., Farmers Bank Bldg., Pittsburgh, Pa.
Rust, Lawrence, & Sons, cornices & skylights, Newport, Ky.
Rust & Olin, lumber mfrs., Ellicotville, N. Y.
Rust-Owen Lumber Co., Drummond, Wis.
Rust Proof Roller Window Screen Co., Clyde, Ohio.
Rust Resisting Black Finish Co., Bridgeport, Conn.
Rust & Swift, contrs., St. Louis, Mo.
Rustburg Canning Co., Rustburg, Va.
Ruston Fndry. & Mach. Shop, Alexandria, La.
Ruston, Geo. J., contrs., Syracuse, N. Y.
Ruston Hardware & Furn. Co., Ltd., Ruston, La.
Ruston Mfg. Co., lumber, Ruston, La.
Ruston Oil Mill & Fertilizer Co., Ruston, La.
Rutan, John W., masons' & bldrs.' matls., 1305 Arch, Phila., Pa.
Rutan & Russell, architects, Magee Bldg., Pittsburgh, Pa.
Rutenber Elec. Co., cooking app., Marion, Ind.
Rutinber Elec. Co., Marion, Ind.
Rutgers College, engng. school & coll., New Brunswick, N. J.
Ruth, Ario A., contractor, Hazleton, Pa.
Ruth, B. F., & Co., putty—glaziers' & painters', Reading, Pa.
Ruth Glass Co., glass rods, tubing, etc., Conshohocken, Pa.
Ruth, J. F., cornices & skylights, 4249 Easton av, St Louis, Mo.
Ruth Lumber Co., Poplar Bluff, Mo.
Ruth Mach. Co., tex. machy., York, Pa.
Ruth Mfg. Co., machsts. & brass fndrs., Ruth, N. C.
Ruth, Perry W., & Co., contrs., Norfolk, Va.
Rutherford Bros. Co., elec. & gas light fixtures, Muncie, Ind.
Rutherford, Chas. W., masons' & bldrs.' matls., Chillicothe, O.
Rutherford & Co., brick, Augusta, Ga.
Rutherford, D. W., dock bldrs., Tacoma, Wash.
Rutherford, F. D., archt., McIntyre Bldg., Salt Lake City, Utah.
Rutherford, Geo. A., Co., contractors, 2160 E. 18th, Cleve., O.
Rutherford, Herman C., archt., 316 N. Wash. av, Scranton, Pa.
Rutherford, I., stone producers, Dowagiac, Mich.
Rutherford, J., & Son, stoves, heaters, Akron, Ohio.
Rutherford Paper Co., paper bags, Tarentum, Pa.
Rutherford Rubber Co., tires, etc., Rutherford, N. J.
Rutherford, Wm., wall paper cleaners, 2433 Leland av, Chicago, Ill.
Ruthven, R. C., contractor, Scranton, Pa.
Rutland Canning Co., Rutland, Ohio.
Rutland Fire Clay Co., Rutland, Vt.
Rutland Fire Clay Co., wall plaster mfrs., 550 W. 12th, Chicago, Ill.
Rutland, Florence, Marble Co., Fowler, Vt.
Rutland Mach. & Auto. Co., Rutland, Vt.
Rutland Marble & Granite Co., plumbers' marble wks., Rutland, Vt.
Rutledge, A. E., contractor, Rockford, Ill.
Rutledge Co., wall ties, 618 Michigan av, Detroit, Mich.
Rutledge, Edward, Timber Co., Coeur d'Alene, Idaho.
Rutledge, Geo., Co., signs, 309 E. 22d, New York.
Rutledge, Hugh E., masons' & bldrs.' matls., Martinsville, Ind.
Rutledge Oil Co., Rutledge, Ga.
Rutley Construction Co., Chamber of Commerce bldg., Detroit, Mich.
Rutschman, Oscar F., toilet soap machy., soap makers, presses, etc., 1906 E. Westmoreland, Philadelphia, Pa.
Ruttenber Electric Co., machsts. & fndrs., Logansport, Ind.
Ruttenberg Bros., scrap iron dealers, Reading, Pa.
Ruud Mfg. Co., heaters, 428 Penn av, Pittsburgh, Pa.
Ruv Sterilizers, 50 Broad, New York.
Ruvio Elec. Co., cooking app. & water sterilizers, 50 Broad, New York.
Ruwell, Wm. F., packing mfrs., 719 Noble, Philadelphia, Pa.
Ruxton, Philip, printing inks, 220 W. 42d, New York.
Ryalls Machinery Corp., textile machy., supplies, etc., Charlottesville, Va.
Ryan-Allen Lumber Co., Heisson, Wash.
Ryan Co., contractors, 4500 W. Division, Chicago, Ill.
Ryan Contracting Co., Charlestown, Boston, Mass., & Portland, Ore.
Ryan Cotton Oil Co., meal, Ryan, Okla.
Ryan-Cushing Co., school bags, 126 Summer, Boston, Mass.

Ryan, D. J., Construction Co., Davenport, Ia.
Ryan, Edw., contractor, 101 Clifton, Springfield, Ohio.
Ryan, E. G., & Co., envelope sealing devices, Chicago, Ill.
Ryan, Geo. E., heaters, Lynn, Mass.
Ryan, H., architect, Northern Bk. Bldg., Seattle, Wash.
Ryan, H. J., lumber, Lagrange, Ohio.
Ryan, Miss Ida Annah, & Luscomb, F. H., architects, Lawrence Bldg., Waltham, Mass.
Ryan, J. D., Co., paper box covers, 735 Central av, Cleveland, O.
Ryan, J. J., contractor, New London, Conn.
Ryan, J. J., & Co., machsts. & fndrs., brass castings, etc., 100 S. Jefferson, Chicago, Ill.
Ryan, Jas. P., mill & facty. supplies, Easthampton, Mass.
Ryan, John (Estate of), hogsheads, Hoboken, N. J.
Ryan, Jno. H., carriages, St. Johnsburg, Vt.
Ryan, John, & Son, ship bldrs., Whitehall, N. Y.
Ryan & Keon, contractors, 176 Federal, Boston, Mass.
Ryan & Long, vehicle washers, Appleton, Wis.
Ryan & Lutz, carriages, Bridgeport, Conn.
Ryan, M. A., stone producers, Albion, N. Y.
Ryan, M. C., contractor, 13 3d av, Pittsburgh, Pa.
Ryan, M. C., Co., fasteners, hinges, etc., Phoenix, N. Y.
Ryan, M. E., & Son, contractors, Dime Bk. Bldg., Detroit, Mich.
Ryan, M. Pckg. Box Co., 550 W. 29th, New York.
Ryan, Martin, packing box mfr., 132 Mercer, New York.
Ryan, Michael, tubular boilers, Washington, Pa.
Ryan, N., Co., stone producers, wkrs. & dlrs., 491 Smith, Brooklyn, N. Y.
Ryan, P., packing box mfr., 556 Washington, New York.
Ryan, Patrick, Constr. Corp., Grand Central Terminal & 42d, New York.
Ryan, Patrick, & Son, contractors, Bay City, Mich.
Ryan, Peter J., Bldg. Co., 314 W. 44th, New York.
Ryan Rattan Chair Co., furn., Grand Rapids, Mich.
Ryan & Reilly Co., contractors, Union Trust Bldg., Balto., Md.
Ryan Soap Co., 2643 Spring Grove av, Cincinnati, Ohio.
Ryan, Wm., Co., masons' & bldrs.' matls., Portchester, N. Y.
Ryan, William J., architect, 162 Ryerson, Brooklyn, N. Y.
Rybolt Heating Co., furnaces, 309 E. 5th, Cincinnati, Ohio.
Rybolt Htg. Co., hot air furnaces, 632 Mass. av, Indianapolis, Ind.
Ryckman, Albert H., contractor, Saginaw, Mich.
Ryder Brass Foundry Co., Bucyrus, Ohio, & Ferguson bldg., Pittsburg, Pa.
Ryder Bros., advtg. novelties, Baker, Ore.
Ryder, G. Leslie, architect, 42 Market, Poughkeepsie, N. Y.
Ryder, H. W., masons' & bldrs.' matls., Phoenix, Ariz.
Ryder & Jenkins, stone prod., 3637 Woodland av, Phila., Pa.
Ryder, M. L., Bldg. Co., 362 State, Albany, N. Y.
Ryede Specialty Works, gum vending machines, Rochester, N. Y.
Ryegate Paper Co., East Ryegate, Vt.
Ryerson, J. T., & Son, whol. hdwe., & machy. mfrs., 2558 W. 16th, Chicago, Ill. *See adv indcx at end of book.*
Ryland, B. L., & Son, masons' & bldrs.' matls., Bucyrus, Ohio.
Ryland & Brooks Lumber Co., American bldg., Baltimore, Md.
Rynó, John H., architect, Knoxville, Tenn.
Ryon, Augustus M., masons' & bldrs.' matls., 96 Main, Flushing, N. Y.
Ryon, John P., masons' & bldrs.' matls., Pottsville, Pa.
Rysdon, E. A., & Co., cornices, 527 W. 41st, Chicago, Ill.
Rysdon, Louis S., & Co., cornices, 3319 Wallace, Chicago, Ill.
Ryther & Pringle Co., machsts. & fndrs., Carthage, N. Y.

Saacke, Chas. W., asphalt dlrs., 27 William, New York.
Saal, G. C., Co., 1810 Montrose av, Chicago, Ill.
Saal, H. G. Co., dies & spring motors, 1810 Montrose av, Chicago, Ill.
Saam, Karl F., architect, Security Bldg., Dubuque, Ia.
Saart, W. H., Co., whisk brooms, manicure sets, etc., Attleboro, Mass.
Sabel Bros., railroad equipment, Jacksonville, Fla.
Sabel, J., Button Co., 6620 S. State, Chicago, Ill.
Sabin Curtis Mach. Co., The, Cleveland, Ohio.
Sabin, Frederick, & Co., stove mfrs., 237 Bread, Phila., Pa.
Sabin Machine Co., machsts. & fndrs., 6536 Carnegie av, Cleveland, Ohio.
Sabin Mach. Co., springs, Montpelier, Vt.
Sabin, Wm. Warren, architect, New England Bldg., Cleveland, O.
Sabina Pump Co., Sabina, Ohio.
Sabine, Jas., architect, 99 E. 16th South, Salt Lake City, Utah.
Sabine Lumber Co., Wright Bldg, St. Louis, Mo., & Zwolle, La.
Sabine Supply Co., masons' & bldrs.' matls., mill & facty. supplies, Orange, Tex.
Sabine Tram Co., lbr., Beaumont, Tex.
Sabo Trap Mfg. Co., animal traps, 3115 W. 25th, Cleveland, O.
Sac City Canning Co., Sac City, Ia.
Sachem's Head Canning Co., Guilford, Conn.
Sachnoff, G., Co., garment hangers, collar supports, 138 Mott, New York.
Sachoenmaier, Geo., & Co., machy. dlrs., 145 N. 3d, Phila., Pa.
Sachs-Lawlor Mach. & Mfg. Co., Denver, Colo.
Sachs, Wm. A., mill & facty. supplies, 1152 Germantown av., Phila., Pa.
Sackett, A. J., machst. & fndr., cor 4th av & 1st, Baltimore, Md.
Sackett Bros., Co., contractors, Springfield, Mass.
Sackett, E. H., machst. & fndr., Telluride, Colo.
Sackett, H. B., Screen & Chute Co., 1691 Elston av, Chicago, Ill.
Sackett, H. I., Elec. Co., 256 Pearl, Buffalo, N. Y.
Sackett Mine Supply Co., 164 N. 3d, Columbus, Ohio.
Sackett & Parks, architects, Syracuse Sav. Bk. Bldg., Syracuse, N. Y.
Sackett Plaster Board Co., 1170 B'way, New York.
Sackett Screen Co., coal chutes, Fredonia, N. Y.
Sackin & Levinson Co., plumbers' supplies—jobbers, 523 Atlantic av, Brooklyn, N. Y.
Sackler Bros., scrap brass & copper, 186 E. 64th, New York.
Sackley, Jas. A., Co., contractors, 1004 S. Keeler av, Chicago, Ill.
Sackman, J. W., brick, Santa Ana, Cal.
Sackman Mfg. Co., metal numbers, steel stamps, Akron, Ohio.
Sackmann, J. W., stencils, 810 Prospect, S. E., Cleveland, Ohio.
Sacks, Louis, Inc., heel plates, etc., Wilson av, Newark, N. J.
Saco Brick Co., Saco, Me.
Saco-Lowell Shops, machsts. & fndrs., 77 Franklin, Boston, Mass.
Saco Mfg. Co., wood porch columns, pumps, etc., Saco, Me.
Saco Valley Canning Co., Portland, Me.
Sacramento Builders Supply Co., Sacramento, Cal.
Sacramento Building Block Co., Sacramento, Cal.
Sacramento Lbr. Co., Sacramento, Cal.
Sacramento Pipe Works, Sacramento, Cal.
Sacramento Planing Mill & Furniture Co., sashes, Sacramento, Cal.
Sacramento Valley Sugar Co., Los Angeles, Cal.
Sacramento Wire Mattress Co., Sacramento, Cal.
Sadieville Milling Co., flour, Sadieville, Ky.
Sadler Canning Co., Cicero, N. Y.
Sadler Co., post office equip., Indianapolis, Ind.
Sadtler, P. B., pulp mill engnr., 53 W. Jackson blvd, Chicago, Ill.
Sadtler, Sam'l P., & Son, chemists, 210 S. 13th, Phila., Pa.
Safe Account Register Co., Canton, Ohio.
Safe Cabinet Co., medicine & filing, Marietta, Ohio.
Safe Padlock & Hardware Co., mfrs., Lancaster, Pa.
Safe Storm Shield Co., buggy aprons, Fremont, Ohio.
Safege Co., safety razor mfrs., Geneva, N. Y.
Safepach Paper Mills, wrapping paper, 727 Atlantic av, Boston, Mass.
Saferlite Lens Co., lamp lens mfrs., 220 5th av, New York
Safety Appliance Co., St. Louis, Mo.
Safety Armorite Conduit Co., W. Pittsburgh, Pa.
Safety Car Devices Co., controllers, handles, Boatmens' Bank Bldg., St. Louis, Mo.
Safety Car Htg. & Lighting Co., 2 Rector, New York.
Safety Deposit Box Co., 395 W. Main, Battle Creek, Mich.
Safety Door Hanger Co., 246 E. 4th, Ashland, Ohio.
Safety Elec. Co., lamps, 537 N. Dearborn, Chicago, Ill.
Safety Elevator Stop Co., Kalamazoo, Mich.
Safety Emery Wheel Co., Springfield, Ohio.
Safety Engng, trade publication, 80 Maiden la, New York.
Safety Fire Extinguisher Co., 291 7th av, New York.
Safety First Mfg. Co., shaft, couplings, Washington, D. C.
Safety First Supply Co., appliances, first aid & playground equipments, Hartje Bldg., Pittsburgh, Pa.
Safety Furnace Pipe Co., 1212 2d av, Detroit, Mich.
Safety Gas Lighter Co., Haverhill, Mass.
Safety Gas Main Stopper Co., 263 E. 133d, New York.
Safety Hopper Car Wrench Co., Harrison Bldg., Phila., Pa.
Safety Insulated Wire & Cable Co., 114 Liberty, New York.
Safety Ladder Mfg. Co., Seattle, Wash.
Safety Sled Co., Mount Jewett, Pa.
Safety Vulcanizer Mfg. Co., Mason City, Iowa.
Safety Wire Gas Globe Co., Columbus, Ohio.
Saffell, J. M., architect, Bakersfield, Cal.
Safford, G. N., & Co., masons' & bldrs.' matls, Rockford, Ill.
Safford, Henry D., mill & facty supplies, Mechanicsville, N. Y.
Safford, M. D., architect, 259 Sumner, Boston, Mass.
Safford's, S., Sons, stone producers, Paris, Ill.
Sagadahoc Fertilizer Co., Bowdoinham, Me.
Sagamore Motor Wks., gas engines, 650 Summer, Lynn, Mass.
Sage Brick Mfg. Co., Greenport, N. Y.
Sage, J. L., lumber mfrs., Williamstown, N. Y.
Sage Trunk Co., 134 Sumner, Boston, Mass.
Sager, A. C., sash, door & blind mfrs., Town & Bell, Columbus, Ohio.
Sager, C. H., Hardware Co., cornices & skylights, Lebanon, Ill.
Sager, J. H., Co., shock absorbers, Rochester, N. Y.
Sager Lock Co., bower barffed wk. hinges, No. Chicago, Ill.
Sager & Nelson, contractors, Ithaca, N. Y.
Saginaw Bay Box Co., packing, Cleveland, Ohio.
Saginaw Bay Co., lumber, 2106 W. 3d, S. W., Cleveland, Ohio.
Saginaw Chemical Co., chloride of calcium, Saginaw, Mich.
Saginaw Glass Sign Co., Saginaw, Mich.
Saginaw Hardware Co., Saginaw, Mich.
Saginaw Ladder Co. (Ltd.), Saginaw, Mich.
Saginaw Lime & Lumber Co., Saginaw, Ala.
Saginaw & Manistee Lumber Co., Williams, Ariz.
Saginaw Mfg. Co., mill & facty. supplies, Saginaw, Mich.
Saginaw Milling Co., flour, Saginaw, Mich.
Saginaw Mirror Wks., glass shelves & mirrors, Saginaw, Mich.
Saginaw Motor Car Co., Saginaw, Mich.
Saginaw Paving Brick Co., Saginaw, Mich.
Saginaw Plate Glass Co., S. Michigan beyond Saginaw, Mich., city limits.
Saginaw Sheet Metal Works, automobile fenders & hoods, Saginaw, Mich.

Saginaw Shipbuilding Co., Saginaw, Mich.
Saginaw Show Case Co. (Ltd.), Saginaw, Mich.
Saginaw Timber Co., lumber, Aberdeen, Wash.
Saginaw Wheelbarrow Co., machsts. & fndrs., Saginaw, Mich.
Saginaw Wood Products Co., croquet sets, Gaylord, Mich.
Sagramoso, Alfonso, architect, 25 W. 7th, Erie, Pa.
Saguin, Jas., contr., Council Bluffs, Iowa.
Sahlen, Jas. (est. of), meat packers, 310 Howard, Buffalo, N. Y.
Sahm, Frank B. R., architect, 2d Nat. Bk. Bldg., Wilkes-Barre, Pa.
Sailer, & Melvin Mfg. Co., lock washers, Massillon, Ohio.
Sailer, Rudolph W., architect, 76 Montgomery, Jersey City, N. J.
Sailor, C. H., architect, Gordon, Neb.
Sailor Planing Mill & Lumber Co., Pottsville, Pa.
Sailor-Whitmore Machine Co., Menasha, Wis.
Sailors' Packing Co., Kokomo, Ind.
Sainberg, L., pads—desk, 65 W. Houston, New York.
Saino Fire Door & Shutter Co., Memphis, Tenn.
St. Agatha Starch Co., St. Agatha, Me.
St. Anne Brick & Tile Co., Saint Anne, Ill.
St. Anthony Iron Works, machsts. & fndrs., Minneapolis, Minn.
St. Bernard Cypress Co., Ltd., Arabi, La.
St. Bernard Rendering & Fertilizing Co., 304 Baronne, New Orleans, La.
St. Charles Brick Co., St. Charles, Mo.
St. Charles Net & Hammock Co., St. Charles, Ill.
St. Charles Specialty Mfg. Co., machsts. & fndrs., St. Charles, Ill.
St. Clair Foundry, Belleville, Ill.
St. Clair Mfg. Co., acet. gas machines, Dayton, Ohio.
St. Clair, S. W., architect, 120 Boylston, Boston, Mass.
St. Cloud Granite Works, St. Cloud, Minn.
St. Cloud Iron Works Co., St. Cloud, Minn.
St. Croix Paper Co., box shook & lumber mfrs., 244 Washington, Boston, Mass.
St. Croix Timber Co., Stillwater, Minn.
St. Elizabeth Canning Co., St. Elizabeth, Mo.
St. Gemme, Frank, Fire Apparatus Co., St. Louis, Mo.
Ste. Genevieve Lime & Quarry Co., Mermod & Jaccard Bldg., St. Louis, Mo.
St. Geo. Fountain Pen Co., 90 Nassau, New York.
St. Geo. Hy. V., tracing cloth & paper, 8 Grand, New York.
St. George Pulp & Paper Co., Hudson Falls, N. Y.
St. Germain Bros., plate glass, Duluth, Minn.
St. Germain, Jos. A., contractor, New London, Conn.
St. Helens Lumber Co., San Francisco, Cal.
St. Helens Quarry Co., McFall Bldg., Portland, Ore.
St. Helens Shipbuilding Co., St. Helens, Ore.
St. Hilaire Retail Lumber Co., Minneapolis, Minn.
St. Ignatius University College, engng. schools & coll., San Francisco, Cal.
St. James Milling Co., flour, St. James, Minn.
St. James Timber Co. (Ltd.), ties, poles, 1110 Hibernian, New Orleans, La.
St. John & Barquist Co., ceilings, conductor pipes, radiator shields, etc., Des Moines, Ia.
St. John, F. E., architect, Cory Bldg., Fresno, Cal.
St. John, G. C., air & gas meters, 280 Madison av, New York.
St. John, J. T., flour mills, Watauga, Tenn.
St. John & Keyser, contractors, Norwalk, Conn.
St. John Wood Working Co., sash, door & blind, Stamford, Conn.
St. John's College, engng. school & coll, Annapolis, Md.
St. John's Construction Co., Miami, Fla.
St. Johns Lumber Co., St. Johns, Ore.
St. Joseph Art Glass Co., St. Joseph, Mo.
St. Joseph Brass & Iron Co., fndrs., St. Joseph, Mo.
St. Joseph Buggy Co., St. Joseph, Mo.
St. Joseph Iron Works, machsts. & fndrs., St. Joseph, Mich.
St. Joseph Lead Co., 61 B'way, New York.
St. Joseph Lumber Co., St. Joseph, Mo.
St. Joseph Plow Co., listers & drills, St. Joseph, Mo.
St. Joseph Pressed Brick Co., St. Joseph, Mo.
St. Joseph Rock Crusher Co., stone producers, St. Joseph, Mo.
St. Joseph Battery Co., St. Joseph, Mo.
St. Landry Cotton Oil Co., Opelousas, La.
St. Lawrence Const. Co., Inc., 36 State, Albany, N. Y.
St. Lawrence Marine Ry. Co., Ogdensburg, N. Y.
St. Lawrence Pyrites Co., pyrites ores, De Kalb Junction, N. Y.
St. Lawrence Quarries, marble producers, Gouverneur, N. Y.
St. Lawrence Talc Co., 5 E. 42d, New York.
St. Louis Archl. Iron Co., Lesperance & De Kalb, St. Louis, Mo.
St. Louis Axle Co., La Salle W. of Jefferson, St. Louis, Mo.
St. Louis Bag & Burlap Co., Hall & Dock, St. Louis, Mo.
St. Louis Bank Equip. Co., bank, office & store fix., 811 Walnut, St. Louis, Mo.
St. Louis Basket & Box Co., trunk & veneer mfrs., etc., Wharf & Penrose, St. Louis, Mo.
St. Louis Bed & Mfg. Co., East St. Louis, Ill.
St. Louis Bell Fdry., 2735 Lyon, St. Louis, Mo.
St. Louis Belting & Supply Co., Machy. dlrs., 509 S. 4th, St. Louis, Mo.
St. Louis Boat & Engine Co., machsts, 3608 S. Levee, St. Louis, Mo.
St. Louis Box Fcty., pckg. box mfrs., 721 S. 2d, St. Louis, Mo.
St. Louis Brass Mfg. Co., machsts. & fndrs., 2613 Washington av, St. Louis, Mo.
St. Louis Butchers' Supply Co., refrigerators, etc.; tin pails, 1543 N. 15th, St. Louis, Mo.
St. Louis Button Co., 415 Lucas av, St. Louis, Mo.
St. Louis Candle & Wax Co., 233 Market, St. Louis, Mo.
St. Louis Car Co., electric ry. supplies, 8000 N. B'way, St. Louis, Mo.
St. Louis Car Wheel Co., flag poles, St. Louis, Mo.
St. Louis Cash Register Co., St. Louis, Mo.
St. Louis Chemical & Mfg. Co., silicate of soda, 112 Pine, St. Louis, Mo.
St. Louis Coffin Co., 1821 Chouteau av, St. Louis, Mo.
St. Louis Confetti Co., 3 Market, St. Louis, Mo.
St. Louis Cont. Co., 4425 Clayton av, St. Louis, Mo.
St. Louis Cooperage Co., wood pails & buckets, ft. of Arsenal, St. Louis, Mo.
St. Louis Cordage Mills, 1715 S. 11th, St. Louis, Mo.
St. Louis Cut Stone Co., 3535 Gratiot, St. Louis, Mo.
St. Louis Elec'l Wks., stor. battery charging sets, 4060 Forest pk, St. Louis, Mo.
St. Louis Eletrotype Fdry., pattern letters & figures, 214 Pine, St. Louis, Mo.
St. Louis Felt & Bedding Co., mattresses, 208 S. 17th, St. Louis, Mo.
St. Louis Fire Brick & Clay Co., Los Angeles, Cal.
St. Louis Fire Door Co., 1512 Clark av, St. Louis, Mo.
St. Louis Fireworks Co., 822 N. B'way, St. Louis, Mo.
St. Louis Frog & Switch Co., Chemical Bldg., St. Louis, Mo.
St. Louis Gas & Gasoline Engine Co., 2615 De Kalb, St. Louis, Mo.
St. Louis Glue Mfg. Co., 2125 Division, St. Louis, Mo.
St. Louis Hardware Mfg. Co., 1519 W. 18th, St. Louis, Mo.
St. Louis Hide & Tallow Co., 2d & Talcott, St. Louis, Mo.
St. Louis Independent Pckg. Co., meat packers, 3855 Chouteau av, St. Louis, Mo.
St. Louis Iron & Mach. Wks., 126 Chouteau av, St. Louis, Mo.
St. Louis Iron Store Co., whol. hdwe., 700 Cass av, St. Louis, Mo.
St. Louis Label Wks., 925 N. 11th, St. Louis, Mo.
St. Louis Lantern Co., 18 Lucas av, St. Louis, Mo.
St. Louis Lthr. Goods Co., trav. bags & suit cases, 720 Olive, St. Louis, Mo.
St. Louis Lightning Rod Co., 2135 De Kalb, St. Louis, Mo.
St. Louis Lumber Co., 2509 S. B'way, St. Louis, Mo.
St. Louis Lumberman, trade publications, Wright Bldg., St. Louis, Mo.
St. Louis Mach. Tool Co., 2607 S. B'way, St. Louis, Mo.
St. Louis Machsts. Supply Co., 920 N. B'way, St. Louis, Mo.
St. Louis Malleable Casting Co., expansion bolts, 7701 N. Conduit, St. Louis, Mo.
St. Louis Metalware Co., 2507 N. B'way, St. Louis, Mo.
St. Louis Motor Truck Co., auto bldrs., 4274 Easton av, St. Louis, Mo.
St. Louis Oil Co., lubrg., 3000 N. 2d, St. Louis, Mo.
St. Louis Oxygen Co., 2500 Montgomery, St. Louis, Mo.
St. Louis Paper Co., folding paper boxes, 500 N. 3d, St. Louis, Mo.
St. Louis Rubber Cement Co., 3046 Lambdin av, St. Louis, Mo.
St. Louis Sales Co., drilling mach., vises, arch't iron & tanners' snips, Chemical Bldg., St. Louis, Mo.
St. Louis Sampling & Testing Wks., laboratories, 713 Clark av, St. Louis, Mo.
St. Louis Sash & Door Works, 3440 N. B'way, St. Louis, Mo.
St. Louis Screw Co., Clarence & Bulwer av, St. Louis, Mo.
St. Louis Smelting & Refining Co., Internat'l Life Bldg., St. Louis, Mo.
St. Louis Steel Barrel Corp., B'way, Benton & 9th, St. Louis, Mo.
St. Louis Steel Foundry, Hamburger & Kienlen av, St. Louis, Mo.
St. Louis Sticker Co., gummed labels, St. Louis, Mo.
St. Louis Surfacer & Paint Co., Arlington & Terminal Belt Line, St. Louis, Mo.
St. Louis Terra Cotta Co., 5801-15 Manchester av, St. Louis, Mo.
St. Louis Tin & Sheet Metal Working Co., oil & grease cans, St. Louis, Mo.
St. Louis Truck & Mfg. Co., 3200 N. Hall, St. Louis, Mo.
St. Louis Trunk Hdwe. Mfg. Co., 609 Chateau av, St. Louis, Mo.
St. Louis Vitrified & Fire Brick Co., Wainwright Bldg., St. Louis, Mo.
St. Louis Washing Machine Co., St. Louis, Mo.
St. Louis Well Mach. & Tool Co., Kingsland av, St. Louis, Mo.
St. Louis Wire & Iron Co., 926 Chouteau av, St. Louis, Mo.
St. Mary's Builders' Supply & Coal Co., St. Mary's, Ohio.
St. Mary's Mach. Co., St. Mary's, Ohio.
St. Mary's Mill Co., flour, St. Mary's Mo.
St. Mary's Milling Co., flour, St. Mary's, W. Va.
St. Mary's Naval Stores Co., St. George, Ga.
St. Mary's Oil Engine Co., St. Charles, Mo.
St. Mary's Planing Mill Co., St. Mary's, Ohio.
St. Mary's Sewer Pipe Co., St. Mary's, Pa.
St. Mary's Woolen Mfg. Co., St. Mary's, Ohio.
St. Meinrad Brick & Tile Co., St. Meinrad, Ind.
St. Mungo Mfg. Co., golf balls, 121 Sylvan av, Newark, N. J.
St. Paul Boiler & Mfg. Co., Water & Walter, St. Paul, Minn.
St. Paul Brass Fndry. Co., Minn. & 2d, St. Paul, Minn.
St. Paul Building Co., 460 Rice, St. Paul, Minn.

St. Paul Crushed Stone Co., Steward & Victoria, St. Paul, Minn.
St. Paul Foundry Co., steel structures, Como av, Mackubin, St. Paul, Minn. *See adv index at end of book*
St. Paul Gas Appliance Co., stoves, St. Paul, Minn.
St. Paul Gas Light Co., 6th & Jackson, St. Paul, Minn.
St. Paul Lime & Cement Co., Ryan Bldg., St. Paul, Minn.
St. Paul Mach. Wks., 123 W. 3d, St. Paul, Minn.
St. Paul Machy. Mfg. Co., Como. & Marion, St. Paul, Minn.
St. Paul Roofing, Cornice & Ornament Co., cornices & skylights, St. Paul, Minn.
St. Paul Stone Co., 868 E. Minnehaha, St. Paul, Minn.
St. Paul Stone Quarries Co., St. Paul, Ind.
St. Paul & Tacoma Lumber Co., Tacoma, Wash.
St. Paul White Lead & Oil Co., Water Starkey, St. Paul, Minn.
St. Regis Paper Co., Watertown, N. Y.
St. Thomas Canning Co., St. Thomas, Mo.
Saint, W. J. T., sash, door & blind mfr., Sharpsburg, Pa.
Saiter, F. R., cornices, Marion, Ohio.
Saiter-Morgan Co., wholesale hdwe., Vincennes, Ind.
Sala & Mayo, architect, Stockton, Cal.
Saladin, Louis, machsts. & fndrs., 1241 De Kalb av, Brooklyn, N. Y.
Saladin Pneumatic Malting Cont. Co., 24 N. Clinton, Chicago, Ill.
Salamanca Engine-Iron Co., Salamanca, N. Y.
Salamander Grate Bar Co., 126 Liberty, New York.
Salaski, John, granite producers, St. Cloud, Minn.
Salch, Geo. J., metal spinning, lumps, 239 Centre, New York.
Salem Brass Foundry, Salem, Mass.
Salem Brass & Iron Mfg. Co., machsts. & fndrs., Salem, N. J.
Salem Bros., shades, 122 Centre, New York.
Salem Canning Co., Salem, N. J.
Salem Chemical & Supply Co., almond meal, Salem, Mass.
Salem China Co., crockery, Salem, Ohio.
Salem Constr. Co., Salem, Ore.
Salem Co-operative Window Glass Co., Salem, W. Va.
Salem Electrical Supply Co., woven wire brushes, Salem, Mass.
Salem Elevator Wks., Salem, Mass.
Salem Fdry. & Mach. Wks., Salem, Ohio.
Salem Foundry & Machine Wks., Salem, Va.
Salem Glass Wks., glass bottles, Salem, N. J.
Salem Hardware Co., Salem, O.
Salem Iron Co., blast furnaces, Leetonia, Ohio.
Salem Iron Wks., Salem, Ore.
Salem Iron Wks., R. R. cross tie machines, Winston-Salem, N. C. N. C.
Salem Leather Co., insulating washers, Salem, Mass.
Salem Mattress Co., Salem, Va.
Salem Rubber Co., Salem, Mass.
Salem Supply Co., canned goods, Salem, N. J.
Salem Tool Co., Salem, Ohio.
Sales, Jas. A., masons' & bldrs.' matls., Kalamazoo, Mich.
Sales, Murray W., & Co., plumbers', mill & facty. supplies, jobbers, 76 Jefferson av, Detroit, Mich.
Salesburg Refining Co. (Ltd.), sugar, Lauderdale, La.
Salfisberg, J. E., & Co., contrs., Aurora, Ill.
Salich, E., & Co., beet sugar plant const., Monadnock blk, Chicago, Ill.
Salie & Mewhinney, architects, Woodward Bldg., Birmingham, Ala.
Salina Packing Co., canned goods, Anacortes, Wash.
Salina Solar Coarse Salt Co., Syracuse, N. Y.
Salina Vitrified Brick Co., Salina, Kans.
Saline Valley Roller Mills, flour, Bumpus Mills, Tenn.
Saling-Hanson & Co., lumber, Grayling, Mich.
Salinger, Chas., cornices, 1110 Ridge av, Philadelphia, Pa.
Salisbury Ball Bearing Co., 3741 E. 93d, Cleveland, Ohio.
Salisbury Brick Co., Salisbury, Md.
Salisbury Brick & Tile Co., Salisbury, N. C.
Salisbury Bros., lumber, Clinton, Wash.
Salisbury Cutlery Handle Co., Salisbury, Conn.
Salisbury, D. J., masons' & bldrs.' matls., 206 St. Marks av, Syracuse, N. Y.
Salisbury Hdwe. Co., cornices, Salisbury, Md.
Salisbury Mfg. Co., tags, fasteners, envelopes, etc., 14 Leather av, Providence, R. I.
Salisbury Metal Culvert Co., Salisbury, N. C.
Salisbury, Robt. H., architect, Wheaton, Ill.
Salisbury & Satterlee Co., machinists, 201 S. E. Main, Minneapolis, Minn.
Salisbury, W. H., & Co., mill & facty. supplies, 105 S. Wabash av, Chicago, Ill.
Salisbury Wheel & Axle Co., Inc., Jamestown, N. Y.
Salisbury Wood-Working Co., sash, door & blind mfrs., Salisbury, Md.
Sall Mountain Co., paper & pulp mill, 230 S. La Salle, Chicago, Ill.
Salling, N. P., sash, door & blind mfrs., Anderson, Ind.
Salm, Ernest, canned goods, Phalanx, N. J.
Salmen Brick & Lumber Co. (Ltd.), Whitney Bldg., New Orleans, La.
Salmon, A., Inc., cotton waste, 140 Nassau, New York.
Salmon Bay Iron & Brass Fndry, machsts. & fndrs., Seattle, Wash.
Salmon, Henry, & Son, masons' & bldrs.' matls., Boonton, N. J.
Salmon, J. T., contractor, Durham, N. C.
Salmon, J. W., architect, Lincoln, Nebr.
Salmond Bros. Co., contractors, Arlington, N. J.
Salmond, Sam'l, & Son, tacks, Hanover, Mass.
Salnave, W. A., machsts., Canandaigua, N. Y.
Salo Art Metal Co., glass shades, signs, etc., Binghamton, N. Y.
Salom Elec. Storage Battery Co., Niagara Falls, N. Y.
Salomon, L. A., & Bro., chemicals, 216 Pearl, New York.
Saloman-Waterton Co., contractors, 343 S. Dearborn, Chicago, Ill.
Salomon, Wm. E., & Co., contractors, 175 W. Jackson blvd, Chicago, Ill.
Salt Lake Engineering Wks., Salt Lake City, Utah.
Salt Lake Hardware Co., Salt Lake City, Utah.
Salt Lake Iron & Steel Co., Salt Lake City, Utah.
Salt Lake Knitting Wks., Salt Lake City, Utah.
Salt Lake Mattress & Mfg. Co., Salt Lake City, Utah.
Salt Lake Mill & Constr. Co., 20-40 N. 2d, W., Salt Lake City, Utah.
Salt Lake Pressed Brick Co., Salt Lake City, Utah.
Salt Lake Sash Weight Co., Salt Lake City, Utah.
Salt Lake Stamp Co., Salt Lake City, Utah.
Salt Lake Valley Canning Co., Ogden, Utah.
Salt Lake Wire & Iron Wks., bank railings, Salt Lake City, Utah.
Salt Lick Lumber Co., Salt Lick, Ky.
Salt Lick Milling Co., flour, Valmeyer, Ill.
Salt, Wm. B., Mfg. Co., steel & cast iron piston rings, Aspinwall, Pa.
Salter Canning Co., North Rose, N. Y.
Salter, E. D., architect, 4907 Wynnefield, Philadelphia, Pa., & Lansdowne, Pa.
Salter, J. A., architect, Raleigh, N. C.
Salter, J., & Son, granite, Groton, Conn.
Salter Mfg. Co., music cabinets, 339 N. Oakley bl, Chicago, Ill.
Salter, Thos., contractor, 118 Front av, Rochester, N. Y.
Saltman, Henry B., contr., 136 Fairfield av, Bridgeport, Conn.
Salt's Textile Mfg. Co., plushes, Bridgeport, Conn.
Saltus, Roelin S., landscape architect, 9 E. 41st, New York.
Salveson Bros., common brick, Petersburg, Ill.
Salveter, H. D., architect, Central Bldg., Los Angeles, Cal.
Salyer, H. M., jigs, fixtures, etc., 328 Washington, Newark, N. J.
Salyers, C. D., & Son, cornices & skylights, Carrollton, Ky.
Salz Bros., fountain pen mfrs., 71 W. 35th, New York.
Salzberg, Harry E., & Co., machy. dlrs., 30 Church, New York.
Salzer, B. F., Lumber Co., Denver, Colo.
Salzman, G. O., machsts., Marietta, Ohio.
Samels Bros. & White, canned goods, Chaska, Minn.
Samlovitz, Max, cornices, 260 E. 78th, New York.
Sammet, G. W., & Son Co., mattresses, 8 Atlantic av, Boston, Mass.
Sammons, W. S., lumber mfrs., Sammonsville, N. Y.
Sampel, J. F., machst. & fndr., Boone, Ia.
Sampliner Adv. Co., 7th av & 49th, New York.
Sampson, Alden, & Sons, oilcloth mfrs., 320 B'way, New York.
Sampson, E. L., & Bros. Contracting Co., contractors, Springfield, Mass.
Sampson, E. T., contractor, Brockton, Mass.
Sampson, Ernest L., masons' & bldrs.' matls., Plymouth, Mass.
Sampson, Geo. H., Co., machy. dlrs., 13 Pearl, Boston, Mass.
Sampson, J. A., heating contr., 10 Summer, Providence, R. I.
Sampson & Murdock Co., trade publication, 246 Summer, Boston, Mass.
Sampstone Mfg. Co., flushing valves, 1607 Prairie av, Chicago, Ill.
Sams, J. H., architect, Columbia, S. C.
Samson Cordage Works, braided cord & cotton twine mfrs, Boston, Mass.
Samson Elec. Co., bells, batteries, alarms, etc., 146 Summer, Canton, Mass.
Samson Gas Engine Co., 648 W. 12th, Erie, Pa.
Samson Iron Works, Stockton, Cal.
Samson Mfg. Co., rock crushers, Denver, Colo.
Samson Siever Grip Tractor Co., Shocton, Cal.
Samuel, Frank, ferro manganese, Harrison Bldg., Phila., Pa. *See adv. index at end of book.*
Samuels, M., & Sons, scrap iron & steel, N. 2d, Brooklyn, N. Y.
Samuels, T. W., Distillery, Bardstown, Ky.
San Angelo Fndry. & Mach. Co., San Angelo, Tex.
San Antonio Foundry Co., San Antonio, Tex.
San Antonio Machine & Supply Co., San Antonio, Tex.
San Antonio Portland Cement Co., San Antonio, Tex.
San Antonio Sewer Pipe Co., San Antonio, Tex.
San Antonio Sheet Metal Wks., San Antonio, Tex.
San Augustine Fertz. Co., San Augustine, Tex.
San Diego Constr. Co., contractors, San Diego, Cal.
San Diego Lumber Co., San Francisco, Cal.
San Diego Sheet Metal Works, San Diego, Cal.
San Diego Supply Co., mill & facty. supp., San Diego, Cal.
San Diego Trunk & Bag Co., San Diego, Cal.
San Francisco Art Glass Co., 505 Ellis, San Francisco, Cal.
San Francisco Brass Foundry, 48 Clementina, San Francisco, Cal.
San Francisco Brazing & Welding Wks., 131 Beale, San Francisco, Cal.
San Francisco Bridge Co., Nevada Bk. Bldg., San Francisco, Cal.

San Fran. Calendar Nov. Co., advtg. novelties, 320 1st, San Francisco, Cal.
San Francisco Casket Co., 621 Guerrero, San Francisco, Cal.
San Francisco Chemical Co., 332 Pine, San Francisco, Cal.
San Francisco Engineering Co., 322 6th, San Francisco, Cal.
San Francisco Galvanizing Works, 1176 Harrison, San Francisco, Cal.
San Francisco Iron & Metal Co., 256 North Point, San Francisco, Cal.
San Francisco, Metal Stamping & Corrugating Co., 2369 Folsom, San Francisco, Cal.
San Francisco Mill Furnishing Co., brewers' & malsters' machy. & supplies, 521 7th, San Francisco, Cal.
San Francisco-Oakland Terminal Rys., machsts. & fndrs., Oakland, Cal.
San Francisco Pioneer Varnish Wks., 816 Mission, San Francisco, Cal.
San Francisco Plating Works, 1349 Mission, San Francisco, Cal.
San Francisco Quarries Co., Balboa Bldg., San Francisco, Cal.
San Francisco Ship Building Co., 310 California, San Francisco, Cal.
San Francisco Stove Works, 260 Townsend, San Francisco, Cal.
San Gabriel Valley Canning Co., Los Angeles, Cal.
San Giacomo Sons, scrap rubber, 9 Abel, Newark, N. J.
San Joaquin Brick Co., Stockton, Cal.
San Jose Brick Co., San Jose, Cal.
San Jose Foundry, San Jose, Cal.
San Jose Hdwe. Co., who. hdwe., San Jose, Cal.
San Juan Canning Co., Friday Harbor, Wash.
San Juan Fishing & Packing Co., canned goods, Seattle, Wash.
San-Knit-ary Textile Mills, knitted towels, 10th & Diamond, Philadelphia, Pa.
San Pedro Lumber Co., 110 Market, San Francisco, Cal.
San Ti Lite Corp., sanitary flooring, Syracuse, N. Y.
Sanax Co., elec. hair dryers, 125 E. 23d, New York.
Sanborn Brick & Ice Co., Portage, Wis.
Sanborn Carriage Co., Manchester, N. H.
Sanborn-Cutting Co., Astoria, Ore.
Sanborn, Dana A., architect, 38 Exchange, Lynn, Mass.
Sanborn Evaporator Co., 79 Wall, New York.
Sanborn Furnace Co., machsts. & fndrs., Methuen, Mass.
Sanborn, J. W., fertz. mfr., Pittsfield, N. H.
Sanborn, John, & Son, tin plate, 134 Beekman, New York.
Sanborn Map Co., 11 B'way, New York.
Sanborn Sectional Weight Co., 280 Madison av, New York.
Sand, J., & Sons, levels, 1023 Rivard, Detroit, Mich.
Sand, Jno. A., sweaters, etc., 2408 W. Chicago av, Chicago, Ill.
Sand Mixing Mach. Co., 52 Vanderbilt av, New York.
Sand Point Lbr. & Pole Co., Sand Point, Idaho.
Sandberg, Adolph L., machsts., 222 S. Clinton, Chicago, Ill.
Sandbo Starter Co., Rock Island, Ill.
Sandegren, Andrew, architect, 111 W. Washington, Chicago, Ill.
Sandel, Monroe R., Architect, 155 N. Clark, Chicago, Ill.
Sander, A., Packing Co., meat, 1026 Gest, Cincinnato, Ohio.
Sander, C. A., pyrometers, Irvington, N. Y.
Sanders, A. J., & Sons, lbr., Gosport, Ind.
Sanders, Alva, Spoke Factory, Ashland, Ky.
Sanders Bros. Mfg. Co., sash, door & blind mfrs., porch columns, Ottawa, Ill.
Sanders Coal Co., masons' & bldrs. matls., Elkhart, Ind.
Sanders Copper & Brass Works, 431 Folsom, San Francisco, Cal.
Sanders Cotton Mills, Tuscaloosa, Ala.
Sanders Duck & Rubber Co., contrs., tents, Silk Exch. Bldg., St. Louis, Mo.
Sanders & Egbert Co., lumber mfrs., Goshen, Ind.
Sanders, Frank F., architect, Union Bk. Bldg., Pittsburgh, Pa.
Sanders, H. H., plate glass, Binghamton, N. Y.
Sanders, J. K., cornices & skylights, Savannah, Ga.
Sanders, J. S., & Co., lbr., Islandton, S. C.
Sanders, J. W., sashes, doors & blinds, Pine Bluff, Ark.
Sanders, John G., iron works, Monroe, La.
Sanders Lumber Co., Taunton, Mass.
Sanders Mfg. Co., meat & food choppers, 294 8th av, Newark, N. J.
Sanders, Newell Plow Co., Chattanooga, Tenn.
Sanders, Robert E., machsts. & fndrs., Ashland, Wis.
Sanders, S. H., lbr. mfrs., Hartwell, Ga.
Sanders, Smith & Co., cotton batting, Charlotte, N. C.
Sanders, T. M., architect, Little Rock, Ark.
Sanders, Wm., architect, Washington Court House, Ohio.
Sanderson Cyclone Drill Co., blast hole & well drilling machinery, Orville, Ohio.
Sanderson, E. P., & Co., wholesale hardware, Cambridge, Mass.
Sanderson Fertilizer & Chemical Co., New Haven, Conn.
Sanderson, L. M., clothes lines, cotton mops, Haydenville, Mass.
Sanderson & McCreery, masons' & bldrs.' matls., Mount Vernon, Ohio.
Sanderson & Partner, shipbldrs., Willapa Harbor, Wash.
Sanderson & Porter, contractors, 52 William, New York.
Sanderson, Robt., wood handles, Singac, N. J.
Sandersville Enterprise Co., flour, Sandersville, Ga.
Sandford-Robinson Lumber Co., Pittsburg, Kans.
Sandiford, Chas., architect, 2692 Main, Buffalo, N. Y.
Sandlin, J. R., turpentine, Jasper, Fla.
Sandlund, Peter, machsts. & fndrs., Marinette, Wis.
Sandoval Brass & Iron Wks., Sandoval, Ill.
Sandoval Zinc Co., 410 N. Peoria, Chicago, Ill.
Sandow Motor Truck Co., 1714 Michigan, Chicago, Ill.
Sandow Tool Co., spring calipers, 570 W. B'way, New York.
Sands, Alfred B., & Son Co., ship port-lights, vent., etc., 20 Vesey, New York.
Sands, Geo. R., stone, Cambridge, Mass.
Sands, H. S., Electrical & Mfg. Co., machsts., Wheeling, W. Va.
Sands, Jos. S., mill & facty. supplies, 491 W. Side av, Jersey City, N. J.
Sands, Louis, Salt & Lumber Co., Manistee, Mich.
Sands & Maxwell Lumber Co., Pentwater, Mich.
Sands Steel Specialties Co., engine oilers, 6947 Susquehanna, Pittsburgh, Pa.
Sands, U. S., contractor, Norfolk, Va.
Sandstrom, John, contractor, Ashland, Wis.
Sandstrom Ship Bldg. Co., Seattle, Wash.
Sandusky Cement Co., Engineers Bldg., Cleveland, Ohio.
Sandusky Cooperage & Lumber Co., Galion, Ohio.
Sandusky Foundry & Machine Co., Sandusky, Ohio.
Sandusky Glass Co., Sandusky, Ohio.
Sandusky Nut Co., Sandusky, Ohio.
Sandusky Sand Co., Sandusky, Ohio.
Sandusky Sash, Door & Lbr. Co., Sandusky, Ohio.
Sandusky Tool Co., Sandusky, Ohio.
Sandusky Washer Co., electric washing machines, Sandusky, Ohio.
Sandwich Mfg. Co., agricultural implements, Sandwich, Ill.
Sandy Hill Iron & Brass Wks., machsts. & fndrs., Hudson Falls, N. Y.
Sanford & Bennett Co., fountain pen mfrs., 51 Maiden la, New York.
Sanford & Brooks Co., dock bldrs., Water & Commerce, Baltimore, Md.
Sanford Buggy Co., carriages, Sanford, N. C.
Sanford, C. L., brick, Southold, N. Y.
Sanford, Chas. E., watchman's clocks, 18 B'way, New York.
Sanford, Chas. E., & Co., mill & facty. supplies, 202 Washington av, N., Minneapolis, Minn.
Sanford Concrete Machinery Co., Toledo, Ohio.
Sanford Cotton Mills, Sanford, N. C.
Sanford, David C., Co., machsts. & fndrs., Bridgeport, Conn.
Sanford-Day Iron Wks., mine cars, Knoxville, Tenn.
Sanford-Evans Co., masons' & bldrs.' matls., Helena, Mont.
Sanford, F. C., Mfg. Co., machsts., Bridgeport, Conn.
Sanford, Jas. A., machsts., Jackson, Mich.
Sanford Mfg. Co., writing inks, paste & sealing wax, Congress & Peoria, Chicago, Ill.
Sanford Mills, carriage robes, horse blankets, car plush, Sanford, Me.
Sanford Motor Truck Co., auto. bldrs., Syracuse, N. Y.
Sanford Sash & Blind Co., Sanford, N. C.
Sanford & Son, machsts. & fndrs., Fayetteville, Ark.
Sanford, Thos. F., bank & office railings, 84 B'way, Buffalo, N. Y.
Sanford & Treadway, lbr. mfrs., New Haven, Conn.
Sanford, W. H., canned goods, Tucker Hill, Va.
Sangamo Elec. Co., circuit breakers, Springfield, Ill.
Sanger Mill & Elevator Co., flour, Sanger, Tex.
Sanger, W. Prentice, landscape architect, 8 W. 40th, New York.
Sanguinet & Staats, architect, 1st Nat'l Bk. Bldg., Fort Worth, Tex.
Sanguinett, Staats & Gottlieb, architects, First Nat'l Bk. Bldg., Houston, Tex.
Sanguinette, Jos. B., granite, Barre, Vt.
Sanguinetti, Augusto, granite, Barre, Vt.
Sanguinetti Canning Co., Mountain View, Cal.
Saniforne Co., disinfectants & insecticides mfgs., 141 W. 36th, New York.
Sanior, A. H., contractor, Bethel, Conn.
Sanisteel Co., tanks, cabinets, etc., 1200 Niagara, Buffalo, N. Y.
Sanitary Appliance Co., garbage disposal plants, 39 Cortlandt, New York.
Sanitary Appliance Co., ventilators, Neenah, Wis.
Sanitary Can Co., 120 B'way, New York.
Sanitary Canning Co., Stoutland, Mo., & Westphalia, Ind.
Sanitary Cement Co., sinks, Everett, Mass.
Sanitary Cesspool Co., 333 S. 20th, Philadelphia, Pa.
Sanitary Chemical Closet Co., Hillsdale, Mich.
Sanitary Co., cast iron soil pipe mfrs., Drexel Bldg., Phila., Pa.
Sanitary Co., fndrs., Cleveland, Ohio.
Sanitary Co. of Amer., brass elbows & errows, Linfield, Pa.
Sanitary Composition Floor Co., Syracuse, N. Y.
Sanitary Construction Co., Paterson, N. J.
Sanitary Cooler Co., Pottstown, Pa.
Sanitary Earthenware Spec. Co., potteries, Trenton, N. J.
Sanitary Feather Co., mattresses, 422 S. Canal, Chicago, Ill.
Sanitary Felting & Mattress Co., South Bend, Ind.
Sanitary Fire Proofing & Contrg. Co., Westchester Creek & 177th, New York.
Sanitary Fish Co., canned, Anacortes, Wash.
Sanitary Fixtures Co., 275 Congress, Boston, Mass.
Sanitary Folding Bed & Mfg. Co., Kansas City, Mo.
Sanitary Fountain & Spec. Co., 176 Federal, Boston, Mass.
Sanitary Htg. Co., fire place htrs., 233 37th, Brooklyn, N. Y.
Sanitary Mfg. Co., brass fndrs., water closets, Kenova, W. Va.
Sanitary Mattress Co., Youngstown, Ohio.
Sanitary Mechanical Specialty Co., sewage ejectors, 157 E. 72d, New York.

Sanitary Metal Basket Co., Lafayette, Ind.
Sanitary Metal Kitchen Cabinet Co., Hot Springs, Ark.
Sanitary Packing Co., Hollandsburg, Ohio.
Sanitary Paper Cup Co., 17 Harcourt, Boston, Mass.
Sanitary Paper Products Co., paper bottles, 400 Chestnut, Philadelphia, Pa.
Sanitary Products Corp., mfrs. disinfectants, insecticides, liquid soap, Philadelphia, Pa.
Sanitary Raincoat Co., shower bath curtains, 85 Warren, N. Y.
Sanitary Spec. Co., seats, 1836 E. Clearfield, Philadelphia, Pa.
Sanitary Stamped Wares & Spec. Co., 415 B'way, New York.
Sanitary Steel Furniture Co., Grand Rapids, Mich.
Sanitary Stove Mfg. Co., Benton, Ill.
Sanitary Strainer Co., Maiden Rock, Wis.
Sanitary Street Flushing Mach. Co., 508 Biddle, St. Louis, Mo.
Sanitary Tinning & Mfg. Co., 3781 E. 93d, Cleveland, Ohio.
Sanitary Ware Mfg. Co., water closet sets, Newark, N. J.
Sanitary-Washed Wiper Co., machine, 813-15 S. Delaware, Indianapolis, Ind.
Sanitary Water Still Co., Hampton, N. Y.
Sanitas Mfg. Co., drinking fountains, valves, etc., 105 Washington, Boston, Mass.
Sanitas Mfg. Co., machsts. & brass fndrs., Wakefield, Mass.
Sanitax Brush Co., 2333 S. Wabash av, Chicago, Ill.
Sankey Bros., brick, common, 2112 Carson, Pittsburgh, Pa.
Sanneman & Goold, architects, Reserve Bk. Bldg., Kansas City, Mo.
Sanner Hardware Co., Shamokin, Pa.
Sanoma Valley Canning Co., Vineburg, Cal.
Sanon Mfg. Co., airplane parts & supplies, 1034 Grand av, Toledo, Ohio.
Sansbury, Geo. F., architect, Cumberland, Md.
Sansbury, Theo T., Jr., architect, Parkersburg, W. Va.
Sansom, John H. A., handles, 174 Worth, New York.
Sansom & Mayer, contractors, Iroquois Bldg., Buffalo, N. Y.
Sansom & Rowland, wholesale hwe., 505 Commerce, Phila., Pa.
Sant, John, & Sons Co., potters' supplies, East Liverpool, Ohio.
Santa Clara Valley Mill & Lumber Co., San Jose, Cal.
Santa Cruz Portland Cement Co., Crocker Bldg., San Francisco, Cal.
Santa Fe Fdry. Co., Richmond, Cal.
Santa Fe Fuel Co., masons' & bldrs.' matls., El Paso, Tex.
Santa Rosa Flour Mills Co., Santa Rosa, Cal.
Santangelo, L. B., architect, 2364 8th av, New York.
Santee River Cypress Lbr. Co., Ferguson, S. C.
Santilite Corp., flooring composition, 120 Plum, Syracuse, N. Y.
Santmyers, Geo. T., architect, 921½ N. Y. av, N. W., Washington, D. C.
Santo Vacuum Cleaner Co., 820 6th av, New York.
Santo Vacuum Cleaner Co., 2036 N. 13th, Philadelphia, Pa.
Sanucci Paola, contrs., Medina, N. Y.
Saponol Chemical Co., polishing cloths, soap, etc., 1916 Park av, New York.
Saporiti, J. P., & Co., granite prod., Barre, Vt.
Sapulpa Pressed Brick Co., Sapulpa, Okla.
Sapulpa Refining Co., petroleum & its products, Sapulpa, Okla.
Sarachan & Rosenthal, scrap rubber, Rochester, N. Y.
Saranac Co., paper & pulp mills, Plattsburg, N. Y.
Saranac Machine Co., Benton Harbor, Mich.
Sarco Co., Inc., steam & radiator traps & metallic gaskets, 229 B'way, New York.
See adv. index at end of book.
Sarcoxie Canning Co., Sarcoxie, Mo.
Sardeson, John, contr., Fredonia, N. Y.
Sargeant Bros., masons' & bldrs.' matls., Somerville, N. J.
Sargeant Mfg. Co., hdwe. mfrs., 79 Summit, Newark, N. J.
Sargent, A. R., landscape architect, 225 5th av, New York.
Sargent & Co., hardware mfrs., New Haven, Conn.
Sargent & Co., show case catches, 94 Centre, New York.
Sargent Co., valves, gauges, car replaces, etc., Fisher Bldg., Chicago, Ill.
Sargent, E. H., & Co., laboratory app. & supplies, 125 W. Lake, Chicago, Ill.
Sargent, E. P., lbr., Norwich, Vt
Sargent, Geo. F., Co., dictionary holders, 132 E. 23d, N. Y.
Sargent, Geo. W., mach. & fndr., Keene, N. H.
Sargent & Greenleaf Co., lock mfrs., Rochester, N. Y.
Sargent & Ham Co., auto. wood bodies, 26 Bowker, Boston, Mass.
Sargent, L. W., carriage bows, Newburyport, Mass.
Sargent Lumber Co., 112 W. Adams, Chicago, Ill.
Sargent & Lundy, mech. & elc. engineers, 72 W. Adams, Chicago, Ill.
Sargent Mfg. Co., chairs, office wardrobes, etc., Muskegon, Mich.
Sargent, Osgood & Roundy Co., agricultural implements, Randolph, Vt.
Sargent Paint Co., N. J. & Mass. av, Indianapolis, Ind.
Sargent Steam Meter Co., 1902 N. California, Chicago, Ill.
Sargent, T. M., architect, 162 Tremont, Boston, Mass.
Sargent Tile Ditcher Co., Ft. Dodge, Ia.
Sargent's, Chas. G., Sons Corp., machsts. & fndrs., textile machy., Graniteville, Mass.
Sargent's Lbr. Co., South Brewer, Me.
Saron, David, cornices, 2164 Madison av, New York.
Sarsfield, Thos. A., contractor, 324 Main, Stamford, Conn.
Sartorius, A., & Co., architects, & engrs.' instruments, 57 Murray, New York.
Sartorius Co., iron, 15th & Utah, San Francisco, Cal.
Sartorius Provision Co., meat packers, 2734 Arsenal, St. Louis, Mo.
Saruble Bldg. & Construction Co., Springfield, Mass.
Sarvis, W. H., granite, 941 W. 5th, Cincinnati, Ohio.
Sasgen Derrick Co., 3101 W. Grand av, Chicago, Ill.
See adv index at end of book.
Sass & Springsteen, architects, 32 Union sq, New York.
Sasse, Geo. F., architect, 432 Norwood av, Buffalo, N. Y.
Sassi, L., & Co., granite prod., Barre, Vt.
Satin Gloss Polish Co., Portland, Me.
Satler, Hamilton Lumber Co., Oliver Bldg., Pittsburgh, Pa.
Satsuma Co., camphor, Satsuma Heights, Fla.
Satter, H., & Son, stone, 219 Gordon, Perth Amboy, N. J.
Satterlee & Boyd, architects, 3 W. 29th, New York.
Satterlee, F. E., Co., mill & facty. supplies, 120 Washington, N., Minneapolis, Minn
Satterthwait, Edgar, masons' & bldrs.' matls., Salem, Ohio.
Satterthwaite Bros., mill & facty. supplies, Tecumseh, Mich.
Satterwaite, Pennington, architect, 345 5th av, New York.
Sattler, Peter, Co., harness, Toledo, Ohio.
Sattler, Wm., bldg. contrs., Geneva, N. Y.
Sattley, Stakher Co., agricultural implements, 408 Telephone, Indianapolis, Ind.
Saturn Fdry. & Mach. Co., Wheeling, W. Va.
Saucer-Boyd & Co., turpentine, Baldwin, Fla.
Saucier, Thos., contractor, Lewiston, Me.
Sauer, Andrew J., & Co., architects, 112 Chestnut, Phila., Pa.
Sauer, Chas. A., & Co., contractors, Ann Arbor, Mich.
Sauer, F. C., architect, 804 Penn av, Pittsburgh, Pa.
Sauer, F. J., contractors, Rochester, N. Y.
Sauer, Henry G., contractor, Rochester, N. Y.
Sauer, N., Milling Co., flour, Cherryvale, Kans.
Sauer Power Generating Co., shaft bearings, 5115-19 Rosetta, Pitsburgh, Pa.
Sauerbrum Const. Co., Century Bldg., St. Louis, Mo.
Sauerman Bros., sand & gravel excavating & conveying machy., Monadnock blk., Chicago, Ill.
Saugatuck Mfg. Co., button mfrs., Saugatuck, Conn.
Saugerties Coal & Lumber Co., masons' & bldrs.' matls., Saugerties, N. Y.
Saugerties Fdy. & Mach. Co., Saugerties, N. Y.
Sauk Center Granite Co., Sauk Center, Minn.
Sauk City Canning & Pickling Co., Sauk City, Wis.
Sauk Rapids Granite Co., Sauk Rapids, Minn.
Saul, Eugene C., Pacific Coast Representative of Central Tube Co., Monadnock Bldg., San Francisco, Cal.
Saulpaugh's, J. M., Sons, elec. wiring moldings, 180 Lewis, New York.
Saulpaw, G L., & Son, flour mills, Calhoun, Tenn.
Saulsbury Bros., canned goods, Ridgely, Md.
Sault Mfg. Co., locomotive sanders, Worcester, Mass.
Saum Architects, architects, Title Guaranty Bldg., St. Louis, Mo.
Saum, Jno. R., cornices & skylights, Harrisonburg, Va.
Saunders, Arthur E., architect, Boulder, Colo.
Saunders, Chas. W., architect, Alaska Bldg., Seattle, Wash.
Saunders & Co., dies, models & envelope sealing machines, 1700 Brooklyn av, Kansas City, Mo.
Saunders Cotton Mills, Saundersville, Mass.
Saunders', D., Sons, machsts. & fndrs., Yonkers, N. Y.
Saunders, E. E., & Co., glue, Pensacola, Fla.
Saunders & Franklin, chemists, 184 Whittier av, Providence, R. I.
Saunders, H. J., contractors, tents, 900 Hennepin av, Minneapolis, Minn.
Saunders, J. A., Co., plate & window glass, 11830 Detroit av, Cleveland, Ohio.
Saunders, T. A., & Son, masons' & bldrs.' matls., Milton, Wis.
Saunders, W. J., architect, Laughlin Bldg., Los Angeles, Cal.
Sauquoit Canning Co., Utica, N. Y.
Sauquoit Toilet Paper Co., New Hartford, N. Y.
Saurer, Adolph, embroidering machs., River av & 151st, New York.
Saurer Motor Co., motor trucks, 252 W. 64th, New York.
Sauselein, Geo. C., brick, Maple Shade, N. J.
Sauset, K., contractor, Bellingham, Wash.
Sauter, F. W., & Co., paint mfrs., 909 N. 9th, Philadelphia, Pa.
Sauveur-Boylston, metallurgical engineers & metallurgical apparatus, Cambridge, Mass.
Savage Arms Corporation, guns & ammunition, Utica, N. Y.
Savage, B. B. & Co., mattresses, New Haven, Conn.
Savage Bros., lumber mfrs., Tacoma, Wash.
Savage Bros. Co., machsts., 321 W. Austin, Chicago, Ill.
Savage, Chas. M., contractor, Anderson, Ind.
Savage Expansion Bolt Corp., 9 Debrosses, New York.
Savage, F. L., architect, Bar Harbor, Me.
Savage Fire Brick Co., Meyersdale, Pa.
Savage, Geo. E., architect, Witherspoon Bldg., Philadelphia, Pa.
Savage, James & Co., machsts. & brass fndrs., 203 Duad, Brooklyn, N. Y.
Savage & Love Co., mill & facty. supplies, Rockford, Ill.
Savage, M. J., canned goods, Flatiron bldg., San Francisco, Cal.
Savage Mfg. Co., cotton duck & canvas, Savage, Md.
Savage Mfg. Co., tissue paper, Skowhegan, Me.
Savage Mountain Fire Brick Co., Frostburg, Md., & 2d Nat. Bk. Bldg., Pittsburgh, Pa.
Savage-Scofield Co., sand & gravel dlrs., Tacoma, Wash.
Savage Tire Co., San Diego, Cal.
Savage, W. E., & Co., contractors, 39 Liberty, New York.

Savage, W. J., Co., corn mills, mill & facty. supplies, Knoxville, Tenn.
Savage, Wm., architect, Amsterdam, N. Y.
Savannah Blow Pipe & Exhaust Co., Savannah, Ga.
Savannah Brick Co., Savannah, Ga.
Savannah Chemical Co., Savannah, Ga.
Savannah Engineering & Constr. Co., Savannah, Ga.
Savannah Guano Co., Savannah, Ga.
Savannah Iron & Wire Works, Savannah, Ga.
Savannah Iron Works, Savannah, Ga.
Savannah River Lumber Co., Savannah, Ga.
Savannah Supply Co., plumbers', mill & facty supplies, Savannah, Ga.
Savard, A., ink traps, 2412 Ames av, Omaha, Neb.
Savarsey, Frank, contractor, Billings, Mont.
Savels, O. M., & Co., machsts., Worcester, Mass.
Savery & Scheetz, architects, St. Girard Bldg., Philadelphia, Pa.
Savignano, Ferd, architect, 18 E. 41st, New York, & 6005 14th av, Brooklyn, N. Y.
Savill's, Thos., Sons, plumbers', mill & facty. supplies—jobbers, 1310 Wallace, Philadelphia, Pa.
Savo Mfg. Co., radiator air moisteners, 39 S. La Salle, Chicago, Ill.
Savoy Art Co., silk & paper shades & electric portables, 13 W. 20th, New York.
Saw Mill Constr. Co., 351 Carondelet, New Orleans, La.
Saw Mill Products Co., lumber, South av, Pittsburgh, Pa.
Sawbridge, Jno., cornices & skylights, North Yakima, Wash.
Sawders Paving & Constr. Co., Union Bk. Bldg., Pittsburgh, Pa.
Sawin, L. H., models & patterns, Gardner, Mass.
Sawtelle, M. P., contrs., Albuquerque, N. Mexico.
Sawyer, Avila, contractor, Lowell, Mass.
Sawyer Belt Hook Co., Pawtucket, R. I.
Sawyer Belting Co., ft. Lisbon rd, S. E., Cleveland, Ohio.
Sawyer Brass & Iron Fdy., Oswego, N. Y.
Sawyer Bros., ship bldrs., Millbridge, Me.
Sawyer, C. L., comealongs or wire pullers, Millers Falls, Mass.
Sawyer, C. M., lumber mfrs., Hardwick, Vt.
Sawyer Canning Co., Atkinson, N. H.
Sawyer Carriage Co., Lowell, Mass.
Sawyer, E. C., carriages, Beverly, Mass.
Sawyer, Edw. G., Co., mill engrs., 12 Providence ct., Boston, Mass.
Sawyer Gear & Mfg. Co., 5120 St. Clair, N. E., Cleveland, Ohio.
Sawyer, Geo. F., & Son, slasher combs, reeds, textile machy. supplies, Saco, Me.
Sawyer-Goodman Co., lbr. mfrs., Marinette, Wis.
Sawyer, H. F., & Son, canned goods, Boothbay Harbor, Me.
Sawyer, H. M., & Sons, oiled cloth, Cambridge, Mass.
Sawyer, Houghton, archt., 808 Sharon Bldg., San Francisco, Cal.
Sawyer, Howard B., Oil Co., metal polish, 62 Long wharf, Boston, Mass.
Sawyer, J. E., & Co., whol. hdwe., Glens Falls, N. Y.
Sawyer, Otis C., lbr., Sharon, Vt.
Sawyer, Philip ,archt., 50 E. 41st, New York.
Sawyer Tool Mfg. Co., gauges, rules, squares, etc., Ashburnham, Mass.
Sawyer, W. H., & Sons Co., machinery, Americus, Ga.
Sawyer & Watrous, archts., Hippel Bldg., Des Moines, Ia.
Sax, Alfred R., Lumber Co., 18 B'way, New York.
Sax, Moritz, architect, 4th Nat. Bk. Bldg., Cincinnati, Ohio.
Saxe, Albert M., architect, 64 E. Van Buren, Chicago, Ill.
Saxe, E. W., Pottery Co., 3519 E. 71st, Cleveland, Ohio.
Saxelbye, H. F., archt., St. James Bldg., Jacksonville, Fla.
Saxer, Creider, Machy Co., dlrs., Erie, Pa.
Saxer Paper Mills, Syracuse, N. Y.
Saxman, P. H., machy. dlrs., Latrobe, Pa.
Saxon Lime & Lumber Co., Bluefield, W. Va.
Saxon Mfg. Co., auto accessories, 1034 Grand av, Toledo, Ohio.
Saxon Motor Car Co., 1305 Bellevue av, Detroit, Mich.
Saxonville Mills, carriage robes, 93 Summer, Boston, Mass.
Saxony Knitting Co., gloves & mittens, Seattle, Wash.
Saxony Knitting Mills, knitted gloves, Needham Heights, Mass.
Saxony Mills, flour, St. Louis, Mo.
Saxton, Glen L., archt., Plymouth Bldg., Minneapolis, Minn.
Saxton Heating Co., 405 6th av, S., Minneapolis, Minn.
Saxton & Strong, masons' & bldrs.' matls., Bristol, Conn.
Saxton Woolen Co., woolen carriage cloth, Norwich, Conn.
Sayers, Iven H., canned goods, Westminster, Md.
Sayers & Scovill Co., automobile bldrs., Gest, Cincinnati, Ohio.
Sayford Paper Specialty Co., dishes, etc., 200 5th av, New York.
Sayle, Thos., Jr., granite producers, New London, Conn.
Sayles, F. L., & Sons, carriage cloth, Pascoag, R. I.
Saylor, D. L., & Son, masons' & bldrs.' matls., Annville, Pa.
Saylor Elec. & Mfg. Co., flexible metl. conduits, 115 S. Main, Pittsburgh, Pa.
Saylor, Wm. H., architect, Gumbel Bldg., Kansas City, Mo.
Sayman, Dr. Thomas M., soap, 2121 Franklin av, St. Louis, Mo.
Sayre, C. Gadsden, architect, Anderson, S. C.
Sayre & Fisher Co., brick, 261 Broadway, New York.
Sayre, Jas. H., Jr., & Co., masons' & bldrs.' matls., River, Newark, N. J.
Sayre, L. A., Co., adze mfrs; plumbers' soil cups, chisels, etc., 332 Mulberry, Newark, N. J.
Sayre Metal Co., aluminum leaf, Sayre, Pa.
Sayre Stamping Co., Sayre, Pa.
Sayre, T. F., & H. C., masons' & bldrs.' matls., Elizabeth, N. J.
Sayward, William J., archt., Candler Bldg., Atlanta, Ga.
S. B. R. Specialty Co., compounds, valve grinding, East Orange, N. J.
Scaar, Frank, & Co., archl. iron, 1042 W. 11th, Chicago, Ill.
Scagliola Mfg. Co., marble, 255 Lexington av, New York.
Scaife Foundry & Machine Co., roll turning lathes, German Nat. Bk. Bldg., Pittsburgh, Pa.
Scaife, Wm. B., & Sons Co., filters, tanks, etc., 1st Nat. Bk. Bldg., Pittsburgh, Pa., & 26 Cortlandt, New York.
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Scala, Vincent, contractor, 73 Carroll, Brooklyn, N. Y.
Scales, W. J., architect, Glens Falls, N. Y.
Scallon, W. E., Co., drill holders, 1122-26 Gest, Cincinnati, O.
Scam, S., & Son, machst., South Norwalk, Conn.
Scandia Granite Co., Barre, Vt.
Scandinavia Belting Co., 106 Reade, New York.
Scandrett, G. L., ties, poles & posts, Cordele, Ga.
Scanlan-Morris Co., hospital furniture, Madison, Wis.
Scanlon, Michael J., contractor, New Castle, Pa.
Scannell Boiler Wks., Lowell, Mass.
Scannell, John, Co., soap, 3208 S. Robey, Chicago, Ill.
Scarborough-Davies Co., contractors, Evansville, Ind.
Scarborough, J. O., canned goods, Fallston, Md.
Scarborough Motor Guide Co., maps, Indianapolis, Ind.
Scarritt-Comstock Furn. Corp., reclining chairs, 817 Washington av, St. Louis, Mo.
Scatherd & Son, lbr., Ellicott sq, Buffalo, N. Y.
S. C. Contracting Co., 2026 Compton ct, Los Angeles, Cal.
Schaad, Ben. D., Machy. Co., Little Rock, Ark.
Schaaf, Adam, organs, 700 W. Madison, Chicago, Ill.
Schaaf Co., contrs., Mutual Life Bldg., Buffalo, N. Y.
Schaaf Mfg. Co., sash, door & blind mfrs., Hastings, Neb.
Schaaf & Schnaus Mfg. Co., sash, door & blind, Jasper, Ind.
Schaar & Co., heaters & ovens, 1025 S. State, Chicago, Ill.
Schabarum, P. K., architect, 756 S. B'way, Los Angeles, Cal.
Schacht, B., archl. iron, 279 E. 148th, New York.
Schacht, Emil, architect, Commonwealth Bldg., Portland, Ore.
Schacht, G. A., Motor Truck Co., Gest & Evans, Cincinnati, O.
Schacht, Martin, Pettock Bldg., Portland, Ore.
Schacht Rubber Mfg. Co., Huntington, Ind.
Schack, J. H., architect, Lippy Bldg., Seattle, Wash.
Schad, Alva, machst., Carlock, Ill.
Schad, Chas., ladders & scaffold bldrs., 11 Jefferson, B'klyn, N. Y.
Schad, Fred, & Son Iron Wks., 1117 S. Crawford av, Chicago, Ill.
Schad, Jos., contractor, Wilmington, N. C.
Schade Valve Mfg. Co., 2528 N. American, Philadelphia, Pa.
Schade, Wm. C., architect, 50 Beaver, Albany, N. Y.
Schadel, J., & Co., scrap iron, Springfield, Ohio.
Schadewald Mills, hair cloth mfrs., 3d & Huntington, Phila., Pa.
Schadler, F. M., architect, Reno, Nev.
Schadt, Wm., sashes, doors & blinds, Galveston, Tex.
Schaedel & Bro. Co., contractors, 118 Bruce, Newark, N. J.
Schaedle, Geo. W., contractor, 133 Devoe, Brooklyn, N. Y.
Schaefer, H. P., masons' & bldrs.' matls., Schulenburg, Tex.
Schaefer & Beyer, blow torches, 52 Bragaw av, Newark, N. J.
Schaefer Brass Mfg. Co., shade holders, 815 Clark av, St. Louis, Mo.
Schaefer Bros. Co., rheostats, switchboards, 1059 W. 11th, Chicago, Ill.
Schaefer & Co., plumbers' supplies—jobbers, Buffalo, N. Y.
Schaefer Constr. Co., 5 W. 31st, New York.
Schaefer, E. P., brick, Latty, Ohio.
Schaefer, Edw., stone producer, Toccoa, Ga.
Schaefer, Emil, fndrs., 1322 N. 5th, Philadelphia, Pa.
Schaefer, Geo., cornices & skylights, Memphis, Tenn.
Schaefer, Gustav, Wagon Co., carriages, 4180 Lorain av, Cleveland, Ohio.
Schaefer, Henry G., architect, Heed Bldg., Philadelphia, Pa.
Schaefer, Joseph, mattresses, Ft. Wayne, Ind.
Schaefer, Louis, archl. wood turning, etc., 1444 W. 21st, Chicago, Ill.
Schaefer, McLaughlin Co., brushes, 395 Reed, Milwaukee, Wis.
Schaefer Mfg. Co., machsts. & fndrs., Birmingham, Ala.
Schaefer Mfg. Co., window frame machinery, Berlin, Wis.
Schaefer, Max, Co., silk shades, 26 Warren, New York.
Schaefer, Peter E., arhcitect, 296 W. Water, Milwaukee, Wis.
Schaeffer Piano Mfg. Co., 218 S. Wabash av, Chicago, Ill.
Schaefer Tent & Awning Co., Denver, Colo.
Schaefer, Wm. F., cornices & skylights, 692 S. 11th, Newark, N. J.
Schaefer, Wm., fndrs., Columbus, Ohio.
Schaeffer Bros. & Powell Mfg. Co., plumbers', etc., candles; soap, Barton & Kosciusko, St. Louis, Mo.
Schaeffer & Budenberg Mfg. Co., Berry & S. 5th, Brooklyn, N. Y.
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Schaeffer, Gengnagel & Co., masons' & bldrs.' matls., Dayton, O.
Schaeffer, Geo. H. T., & Co., contractors, Atchison, Kans.
Schaeffer, J. M., blankets, flannels, woolen, Sandy Lake, Pa.
Schaeffer Mach. Wks., 35th & Gray's Ferry rd, Phila., Pa.
Schaeffer Piano Wks., 218 S. Wabash, Chicago, Ill.
Schaeffer, R. F., slate stair treads & risers, Bangor, Pa.
Schaeffer & Schwartzkopf, flour, Columbus, Ind.
Schaeffer, Wanner & Co., masons' & bldrs.' matls., Fleetwood, Pa.
Schaeffer, Joseph C., & Co., architects, 38 W. 32d, New York.
Schaettler, F., interior hardwood wk., 533 W. 34th, New York.
Schafer, E. G. & Co., steam fitters' & plumbers' supplies—jobbers, 218 13th, N. W., Washington, D. C.

Schafer, F., & Son, machsts., South Bend, Ind.
Schafer, Jacob C., Co., meat packers, 516 W. Lexington, Baltimore, Md.
Schafer, Louis, brick, Le Mars, Ia.
Schafer, Louis N., lbr., Argos, Ind.
Schaff Bros. Co., pianos, Huntington, Ind.
Schaff, C. S., contractor, Bushnell, Ill.
Schaff, John A., piano strings & wire, 2021 Clybourn av, Chicago, Ill.
Schaffer, Chas. W., Co., plumbers' supplies, 3214 Chestnut, Philadelphia, Pa.
Schaffer Engineering & Equipment Co., Tiffin, Ohio.
See adv index at end of book.
Schaffer, G. W., brick, Spencerville, Ohio.
Schaffer, J. C., handles (wood), Delphos, Ohio.
Schaffer, John P., htg. contrs., 108 Wood, Pittsburgh, Pa.
Schaffer Tinware Mfg. Co., wash boilers, 76 Sedgwick, Brooklyn, N. Y.
Schaffer, W. H., harness, Stockton, Cal.
Schaffner Bros. Co., meat packers, Erie, Pa.
Schaffner, Daniel J., architect, Ashland Blk, Chicago, Ill.
Schaffner, Geo., stone producer, Butler, Pa.
Schafler, S. B., architect, 80 Maiden la, New York.
Schaible & Houser, wholsale hdwe., Troy, Ohio.
Schairer, Geo. E., hay racks, Saline, Mich.
Schal, Jno. D., & Co., machsts., Chambersburg, Pa.
Schalker Packing Co., meat, Leavenworth, Kans.
Schall, A., & Co., stone, Omaha, Neb.
Schall Packing Co., Atlantic Wharf, Baltimore, Md.
Schaller & Goebel, carriages, Mendota, Ill.
Schaller-McKey Lumber Co., Janesville, Wis.
Schantz, A. J., Sons & Co., organs, Orville, Ohio.
Schantz & Eckert, machsts. & fndrs., Perth Amboy, N. J.
Schaper Const. Material Co., carriage bolts, clamps, washers, etc., 90 West, New York.
Schaper & Koch, meat packers, Fort Madison, Ia.
Schapirgraph Co., duplicating app., 228 W. B'way, New York.
Schardin, F. H., architect, Forum Bldg., Sacramento, Cal.
Scharf Tag & Label Co., Ypsilanti, Mich.
Scharsmith, Jno. E., architect, 523 W. 146th, New York.
Schartow Mfg. Co., chains, clips, hame loops, saddlery hdwe., etc., Milwaukee, Wis.
Schartzer, G. H. Co., contractors, 1832 Ludlow, Dayton, Ohio.
Schastey, Geo. A., architect, 681 Market, San Francisco, Cal.
Schatt & Morgan Cutlery Co., Titusville, Pa.
Schatz Mfg. Co., bearings, punches & shears, Poughkeepsie, N. Y.
Schatzman, P., & Son, cornices & skylights, Glendale, Ohio.
Schaub, Justus, masons' & bldrs.' matls.—contr., Hazleton, Pa.
Schaue, C. F., Co., meat packers, 2060 3d av, New York.
Schaum, John G., htg. contrs., Lancaster, Pa.
Schaum & Uhlinger, textile machy., Glenwood av & 2d, Philadelphia, Pa.
Schaumberg, Henry, Jr., archt., 3631 Conn., St. Louis, Mo.
Schaw-Batchern Co., wholesale hdwe., Sacramento, Cal.
Schawe, G. C., cornices & skylights, Lexington, Mo.
Scheel, Wm. H., color mfrs., oils, pigments, etc., 159 Maiden la, New York.
Scheele, Hy., Jr., stone prod., Sheboygan, Wis.
Schefcik, Frank J., architect, Park av & 176th, New York.
Scheffel, Wm., stone, Grand Island, Neb.
Scheffer, Morris L. J., architect, Islip, N. Y.
Scheffer & Rossum Co., harness, saddles, etc., 104 E. 10th, St. Paul, Minn.
Scheibe, E. F., sewing trays, Somerville, Mass.
Scheibel, Henry, contractor, Wyandotte, Mich.
Scheible-Moncrief Heater Co., 1444 W. 9th, Cleveland, Ohio.
Scheibler, Fred'k, architect, 6024 Penn av, Pittsburgh, Pa.
Scheidenhelm, Ed. D., contractor, Wilmette, Ill.
Scheidenhelm, Edw. L., Co., contrs., 111 W. Monroe, Chicago, Ill.
Scheiderer, Byron, architect, Majestic Bldg., Milwaukee, Wis.
Scheidig, Jno., & Co., telescopes, goggles, opera glasses, 32 Maiden la, New York.
Scheidler Machine Works, Newark, Ohio.
Scheier, John H., architect, 25 W. 42d, New York.
Scheinman, I. L., & Co., machine wipers, Grand blvd & Hastings, Detroit, Mich.
Scheipering, Gustav, cornices, Quincy, Ill.
Scheiter, Jos. J., & Co., hair cloth mfrs., 3d & Huntington, Philadelphia, Pa.
Scheldt Mfg. Co., sash, door & blind mfrs., 4433 N. Crawford av, Chicago, Ill.
Schelhase, J. H., carriages, Canton, Ohio.
Schell, C. A. Provision Co., Akron, Ohio.
Schell Chemical Co., 56 Pine, New York.
Schell, J. A., cornices, & skylights, Miamisburg, Ohio.
Schell & Kroner, cornices, Quincy, Ill.
Schell, M. P., Mfg. Co., cut gears, 342 Howard, San Fran., Cal.
Schell, P. A., & Co., mill & facty. supplies, Somerset, Pa.
Schellenbach-Hunt Tool Co., Murdock Bldg., Cincinnati, Ohio.
Schellenberger, C. F., floor & tile & slaters' tools, Bldrs.' Exchange, Philadelphia, Pa.
Schellenberger, F. F., & Co., contractors, Oliver Bldg., Pittsburgh, Pa.
Schellentrager, Louis F., & Co., stone carvers, E. 10th & Canfield ct, Cleveland, Ohio.
Scheller, Jesse E., architect, 4654 Cottage Grove av, Chicago, Ill.
Schelling, Geo., architect, Mad. Sq. Gdn. Tower, New York.
Schellings, C. J., & Co., glycerine, 160 Pearl, New York.
Schellschmidt, Alvin B., archt., 215 E. 34th, Indianapolis, Ind.
Schelly, C. Y., & Bro., hdwe.—whol., Allentown, Pa.
Schemmel, Geo. C., welding & cutting apparatus, Wapakoneta, O.
Schenck, Albert E., architect, Real Est. Tr. Bldg., Phila., Pa.
Schenck Bros., carriages, Great Neck, N. Y.
Schenck, Geo., & Co., contractors, Butler, Pa.
Schenck, M. B., Co., Division of The Bossick Co., bed & stove casters, 38 Austin, Bridgeport, Conn.
Schenck Mfg. & Supply Co., machsts., Parker's Landing, Pa.
Schenck & Mead, architects, 105 W. 40th, New York.
Schenck, T. L., contractor, Butler, Pa.
Schenck & Walker, architects, Conover Bldg., Dayton, Ohio.
Schenck & Wiliams, architects, Mutual Home Bldg., Dayton, O.
Schencke Piano Co., 245 E. 137th, New York.
Schenectady Contr. Co., Schenectady, N. Y.
Schenectady Linonite Co., insulating cloth, Schenectady, N. Y.
Schenectady Tile Co., flooring, Schenectady, N. Y.
Schenectady Varnish Co., Schenectady, N. Y.
Scheninger, J. A., & Bro., corn brooms, Syracuse, N. Y.
Schenk, E. B., Hdwe. Co., cornices & skylights, Mount Vernon, Ind.
Schenk, F., & Sons Co., meat packers, Wheeling, W. Va.
Schenkemeyer, Chas., & Sons, contractors, Johnstown, Pa.
Schenkler, Philip, halters & horse hair, 2060 Bergen, Brooklyn, N. Y.
Scheppele, Chas. A., gasoline marine engines, Dubuque, Ia.
Scherbner, Paul, Iron Wks., 306 E. 123d, New York.
Scherer, Adolf, architect, Indiana Trust Bldg., Indianapolis, Ind.
Scherer, H., & Co., carriage fasteners, separators, sockets, etc., Detroit, Mich.
Scherer Mach. Co., Danville, Ill.
Scherer & Mountain, contrs., Ironton, Ohio.
Scherer, Wm. C., & Co., sash, door & blind mfrs., 810 W. Baltimore, Baltimore, Md.
Schermerhorn, Clarence E., architect, 430 Walnut, Phila., Pa.
Schermuly Mfg. Co., machsts. & fndrs., Wichita, Kans.
Scherpe, B., & Sons, pianos, 2102 Clybourn av, Chicago, Ill.
Scherzer Rolling Lift Bridge Co., Monadnock blk, Chicago, Ill.
Schettler, C. A., & Co., electric car headlights, 419 Erie Bldg., Cleveland, Ohio.
Schetzel, M. P., architect, Blake & Moffit Bldg., Oakland, Cal.
Scheubner, Herman J., coppersmiths, 424 E. 110th, New York.
Scheve, J. L., Lbr. Co., Hall & St. Louis, av, St. Louis, Mo.
Schewe, Chas. R., Co., contractors, Chamber of Commerce, Detroit, Mich.
Schiavone, Frank P., architect, 4128 Park av, New York.
Schick, Wm., stone producer, 2143 Sawyer av, Chicago, Ill.
Schick, Wm., Mfg. Co., mattresses, Topeka, Kans.
Schickel Motor Co., Stamford, Conn.
Schickran & Wickman, carriages, Guthrie, Okla.
Schieble Toy & Nov. Co., Dayton, Ohio.
Schieche, Frank, brick, Freeman, Wash.
Schieffelin & Co., camphor, carbolic acid, 170 William, New York.
Schield, Wm., Mfg. Co., lye, 619 N. 2d, St. Louis, Mo.
Schielke & Blommer, carriages, 327 5th, Milwaukee, Wis.
Schieren, Chas. A., Co., leather belting, 30 Ferry, New York.
Schietinger & Ladwig, cornices, Bridgeport, Conn.
Schifferle, Fredolin, water htrs., 1206 S. B'way, St. Louis, Mo.
Schiffers, Peter & Sons, machsts. & fndrs., San Antonio, Tex.
Schik, Wm., Mfg. Co., Topeka, Kans.
Schild Specialty Co., ball cocks, 111 High av, Cleveland, Ohio.
Schildwachter Automobile Co., 1887 Park av, New York.
Schill Bros. Co., fndrs., Crestline, Ohio.
Schill, Fredk, & Co., sash, door & blind mfrs., 784 Springfield av, Newark, & Irvington, N. J.
Schiller, Fred'k, & Co., machsts., 323 N. 3d, Phila., Pa.
Schiller, Jos. F., blow-off valves, 316 S. Lawrence, Phila., Pa.
Schiller, Nolan & Co., blow-off valves, 820 Cherry, Phila., Pa.
Schiller Piano Co., Oregon, Ill.
Schiller, V., architect, 391 10th, Astoria, N. Y.
Schilling, Adam & Sons, engines, 211 Main, San Francisco, Cal.
Schilling Bros., cornices & skylights, State Center, Ia.
Schilling, Chas., sword scabbards, Phila., Pa.
Schilling, John N., cornices, 479 N. 20th, Columbus, Ohio.
Schillinger, A. J., & J. G., tubular boilers, Moline, Ill.
Schillinger Bros., contractors, Illinois, Detroit, Mich.
Schillinger Bros., Co., contractors, 215 City Park av, Toledo, O.
Schillinger Construction Co., 2322 N. Seeley av, Chicago, Ill.
Schillinger, G. A., contractor, 133 W. Washington, Chicago, Ill.
Schillner, G. C., architect, Rome, N. Y.
Schimmel & Co., pianos, Faribault, Minn.
Schimmel, Reid & Co., machinery, Faribault, Minn.
Schimper, Wm. & Co., silver novelties, etc., 322-338 Ferry, Hoboken, N. J., & 33 Union sq. West, New York.
Schimplefenig, Chas., cornices, Lafayette, Ind.
Schindler, A. J., Co., machsts., 1314 W. 21st, Chicago, Ill.
Schindler, Chas., advertising novelties, Toledo, Ohio.
Schindler, H., & Co., carriages, 174 Spear, San Francisco, Cal.
Schingel, Jos., Jr., contractor, Danville, Ill.
Schinnerer, Geo., cooperage stock, Columbus, Ind.
Schippel, Albert, architect, Mankato, Minn.
Schirm, F., Contracting Co., 4336 College av, St. Louis, Mo.
Schirm, J. S., Commercial Co., masons' & bldrs.' matls., San Diego, Cal.
Schirmer, Bugbee & Co., archts., 532 15th, Oakland, Cal.
Schlachter, Henry, contractor, 348 Alpha pl, Brooklyn, N. Y.

Schlachter, Phillips, Jr., masons' & bldrs.' matls.—contr., Streator, Ill.
Schlachter's, Jacob, Sons, meat packers, 2839 Colerain av, Cincinnati, Ohio.
Schlacks, Henry J., architect, 4306 S. Sheridan rd, Chicago, Ill.
Schlafer Hardware Co., Appleton, Wis.
Schlangen Bros. Co., beer racking & spec. machy., 2435 Irving Park blvd, Chicago, Ill.
Schlater, R. H., cornices & skylights, Des Moines, Ia.
Schlatter, C. C., & Co., mill & facty. supplies—whol. hdwe., Fort Wayne, Ind.
Schlechter, Edw. H., badges & buttons, Allentown, Pa.
Schlecte, Wm., brick, Okawville, Ill.
Schlede, Christian, brick, Kingston, N. Y.
Schleffarth, Chas. Co., surgical instruments, S S. B'way, St. Louis, Mo.
Schlegel, Chas. H., contractor, Mt. Penn, Pa.
Schlegel, Dan'l, machst., Boyertown, Pa.
Schlegel Mfg. Co., silk fringes & trimmings, Rochester, N. Y.
Schlegel, Oscar, Mfg. Co., bronze powders, enamels, varnishes, etc., 111 E. 12th, New York.
Schleicher Motor Vehicles Co., 37 W. 14th, New York.
Schleit, W. A., Mfg. Co., Inc., garage heaters, Syracuse, N. Y.
Schlelein, F. P., Mach'y Co., 32 W. Parkway, N. S., Pittsburgh, Pa.
Schlemmer, Oliver Co., heating contr., 1060 Hulbert av, Cincinnati, Ohio.
Schlesinger Bros., brick, Colorado Springs, Colo.
Schlesinger, Jacob, contractor, 1269 B'way, New York.
Schlesinger, Leo, & Co., advtg. nov.; tinware mfrs., etc., 64 Wooster, New York
Schlesinger, W. & S., & Co., bedstead mfrs., 137 5th av, New York, & Richardson, Brooklyn, N. Y.
Schlitz, Philip, machst, Wauseon.
Schleunes, J. F., contractor, Duluth, Minn.
Schleutter, Fred, contractor, Fort Smith, Ark.
Schley Carriage & Wagon Co., Memphis, Tenn.
Schley, Perce G., architect, 114 Grand av, Milwaukee, Wis.
Schlichter, E. F., Co., wooden tank mfrs., 10 S. 18th, Phila., Pa.
Schlichter Jute Cordage Co., 20 N. Front, Phila., Pa.
Schlichter, P. M., & W., marble, 636 1st av, New York.
Schliemann's Oil & Ceresine Co., 25 Beaver, New York.
Schliesser, Wm., & Arnold, brick, Sherwood, Ohio.
Schlom, Meyer J., cornices & skylights, Houston, Tex.
Schlorer & Son, meat packers, Camden, N. J.
Schlosberg & Cohen, contractors, Ann & Aramingo, Phila., Pa.
Schloss, E. (Est. of), tree moss, Baton Rouge, La.
Schloss, E., & Co., tea wagons, Grand & E. River, New York.
Schloss, Jos. W., Co., crochet buttons, 160 5th av, New York.
Schlosser, Frank, stone producer, Covington, Ky.
Schlosser, Henry, architect, San Rafael, Cal.
Schlosser, Jacob, & Son, cornices, Hamilton, Ohio.
Schlosser Mfg. Co., machsts., 151 E. 126th, New York.
Schlothan, W. F., machst., Ketchikan, Alaska.
Schlotter, Frank J., architect, 113½ Upper 4th, Evansville, Ind.
Schluckebier Hardware Co., Petaluma, Cal.
Schlueter, A., & Co., cutting dies, 297 Washington, Newark, N. J.
Schlueter, M. L., floor polishing, scraping & surface machines, 225 W. Illinois, Chicago, Ill.
Schlueter Mfg. Co., japanned & tinware mfrs., B'way & John av, St. Louis, Mo.
Schlueter, Stephen, machst., Napoleon, Ind.
Schlutt & Archut, contractors, St. Joseph, Mich.
Schmadel Packing & Ice Co., meat packers, Evansville, Ind.
Schmahl, Jacob, tin plate, etc., 28 Lloyd, Buffalo, N. Y.
Schmalz, C. F., buttons, Muscatine, Ia.
Schmatolla, Ernst, metallurgical engrs., 150 Nassau, New York.
Schmauss Co., meat packers, Rockford, Ill.
Schmedien, W. H., carriages, Coldwater, Mich.
Schmeers Paper Box Co., sample cases, paste, Syracuse, N. Y.
Schmeltz, F. L., Co., archts.., 1st Nat. Bk. Bldg., Pittsburgh, Pa.
Schmelzer & Schavy, contrs., Little Rock, Ark.
Schmetzler, Chas. H., architect, Fairbury, Ill.
Schmickl, F., & Co., trav. bags & suit bases, 873 B'way, New York.
Schmid Bros., machsts. & fndrs., Lancaster, Pa.
Schmid, E., Co., surgical instruments, 912 foot Wayne av, Indianapolis, Ind.
Schmid, Emil, architect, 319 Spring, Pittsburgh, Pa.
Schmid, John, bank fixtures, 58 Oak, San Francisco, Cal.
Schmid, Leopold, surgical instruments, 1241 Buttonwood, Phila., Pa.
Schmid Mfg. Co., hdwe. mfrs., Dubuque, Ia.
Schmid, Matthew, contractor, 1308 N. 6th, Phila., Pa.
Schmid & Parker Packing Co., meat, Sacramento, Cal.
Schmid, Richard C., archt., Metropolitan blk, Chicago, Ill.
Schmidt, A. R., Electric Co., switchboards, 262 E. Water, Milwaukee, Wis.
Schmidt, Arthur F., cornices, 419 State, Milwaukee, Wis.
Schmidt & Ault Paper Co., York, Pa.
Schmidt, B. L., Co., machsts. & fndrs., Davenport, Ia.
Schmidt-Backman Co., paper boxes, Sacramento, Cal.
Schmidt Bros., contractors, Superior, Wis.
Schmidt Bros., machsts., 909 Faile, New York.
Schmidt Bros., & Co., flour mills, Elkader, Ia.
Schmidt Bros. Construction Co., 105 N. Clark, Chicago, Ill.
Schmidt Building Co., 966 30th, Milwaukee, Wis.
Schmidt, C., Co., butchers' machy. & supplies, Livingston & John, Cincinnati, Ohio.
Schmidt, C. P., architect, Shukert Bldg., Kansas City, Mo.
Schmidt Construction Co., 133 W. Washington, Chicago, Ill.
Schmidt Cut Stone Co., South Bend, Ind.
Schmidt, D. H., Carriage & Wagon Co., St. Joseph, Mo.
Schmidt-Dauber Co., pianos, 444 W. 13th, New York.
Schmidt, David H., Co., piano key hammers, Poughkeepsie, N. Y.
Schmidt, Edw. L., machsts. & brass fndrs., Amsterdam, N. Y.
Schmidt, F. L., Co., 11th av & 21st, New York.
Schmidt, F. W., stone, Morristown, N. J.
Schmidt Faucet Co., Rochester, N. Y.
Schmidt, Fred A., architect's instruments & supplies, 721 13th, Washington, D. C.
Schmidt, G. L., cottonseed meal, Lincoln, Ala.
Schmidt, Geo., cornices & skylights, Oldenburg, Ind.
Schmidt, Geo., windmills, East Williston, N. Y.
Schmidt, Geo. A., Co., soap, 236 W. North av, Chicago, Ill.
Schmidt, Geo. P., Co., cornices & skylights, 1020 E. Ohio, Pittsburgh, Pa.
Schmidt, Geo. T., name plates, 136 W. Lake, Chicago, Ill.
Schmidt, Geo. W., brick, 180 Linwood av, Buffalo, N. Y.
Schmidt, H., & Co., cornices, 451 S. Clark, Chicago, Ill.
Schmidt, H. E., & Co., reeds, New Bedford, Mass.
Schmidt, Hy., & Sons, lbr. mfrs., Keokuk, Ia.
Schmidt, Hugo, architect, 7222 Oglesby av, Chicago, Ill.
Schmidt, J. C., fndrs., Passaic, N. J.
Schmidt, John J., architect, 352 Avenue C, Bayonne, N. J.
Schmidt, Jos., machst. & fndr., Moline, Ill.
Schmidt, Lorentz, 126 N. Market, Wichita, Kans.
Schmidt, Matthew, stone producer, Grand Rapids, Mich.
Schmidt, Oscar, musical instruments, 87 Ferry, Jersey City, N. J.
Schmidt, P. C., architects, Shukert Bldg., Kansas City, Mo.
Schmidt, P., & Co., stone, 3038 Galena, Milwaukee, Wis.
Schmidt, Philip, contractor, Youngstown, Ohio.
Schmidt, Richard E., architect, Garden & Martin, Chicago, Ill.
Schmidt, Sam'l, cornices, 162 N. Desplaines, Chicago, Ill.
Schmidt & Stork Wagon Co., wagon spokes, West Bend, Wis.
Schmidt, W. H. & Sons Co., sash, door & blind mfrs., 52 State, Milwaukee, Wis.
Schmidt, W. J. & E., contrs., Berkeley, Cal.
Schmidt, W. T., architect, 1625 W. 10th, Oklahoma City, Okla.
Schmidt Walter K. Co., wood stains, Grand Rapids, Mich.
Schmidt, William, architect, 1188 Main, Bridgeport, Conn.
Schmidt, Wm., contractor, 306 E. 159th, New York.
Schmidt, Wm. C., archt., 520 Springdale av, East Orange, N. J.
Schmidt, Wm. & Co., masons' & bldrs.' matls, Tipton, Mo.
Schmidt, Wm. F. & Co., machsts., 3149 Texas, St. Louis, Mo.
Schmidt, Wiphart, brick & tile, Kenton, O.
Schmidtman's, Theo. Sons Co., pads & tablets, Manitowoc, Wis.
Schmidtt, H., & Son, bldg. contrs., 684 Jackson, Milwaukee, Wis.
Schmied, Sisman Co., contractors, 385 Beauport, Detroit, Mich.
Schmile, Carl, & Son, architects, Prudential Bldg., Buffalo, N. Y.
Schminke, H., Co., cornices, Evansville, Ind.
Schmit Trunk & Bag Co., Oshkosh, Wis.
Schmitt, Anthony, F. A., architect, 604 Courtlandt av., New York
Schmitt, Chas. N., glass stainers, 4th & Callowhill, Phila., Pa.
Schmitt & Co., contractors, Wilkes-Barre, Pa.
Schmitt, Edw. F., cornices, 521 Ludlow, Philadelphia, Pa.
Schmitt, Ernest, architect, Hannibal, Mo.
Schmitt, Frank, & Co., sashes, doors & blinds, Portland, Ore.
Schmitt & Henry Mfg Co., bed springs & mattresses, Des Moines, Ia.
Schmitt, J. B., contractor, 610 Sycamore, Cincinnati, O.
Schmitt, Jacob, masons' & bldrs. matls., Secaucus, N. J.
Schmitt, John A., Sons, contractors, Wilkes-Barre, Pa.
Schmitt, M., Aeroplane & Motor Wks., airplane engines, Paterson, N. J.
Schmitt, Max, brick, Cullman, Ala.
Schmitt, Maximillian, aeroplanes & supplies, Paterson, N. J.
Schmitt, W. M., contractor, Jamestown, N. D.
Schmitten, F. W., & Co., lumber, Cashmere, Wash.
Schmitt's, Jno. A., Sons, masons' & bldrs.' matls., Wilkes-Barre, Pa.
Schmitz, Geo., & Bro., auto. wood bodies, 666 Genesee, Buffalo, N. Y.
Schmitz, Harley C., & J. J., architects, 3344 Observatory rd, Hyde Park, Cincinnati, O.
Schmitz, Jos., mattresses, Lancaster, Pa.
Schmitz, Moore & Co., silver nov., 407 Mulberry, Newark, N. J.
Schmitz, Robt. H., architect, 801 3d av., Milwaukee, Wis.
Schmitz, Wm., pianos, 48 Bartlett, San Francisco, Cal.
Schmoller & Mueller Piano Co., Omaha, Neb.
Schmook, H. B., mach. & fdr., Springfield, Mo.
Schmuck Co., masons' & bldrs.' matls., Hanover, Pa.
Schnaible, M., & J. Co., soap, Lafayette, Ind.
Schnair, Jacob, scrap brass, 28 W. 128th, New York.
Schnaitacher, Sylvan, architect, 233 Post, San Francisco, Cal.
Schnaufer Roofing Co., cornices & skylights, 816 Concord, Pittsburgh, Pa.
Schnauffer, Wm. A., motor driven heat cleaners, 200 W. 83d, New York.
Schnebelin, Fred., mchsts. & fdrs., Mascoutah, Ill.
Schnebly & Hostraswer, contrs., Oakland, Cal.
Schneck Mach. Co., 811 St. Paul, Milwaukee, Wis.
Schnee & Schnee, contrs, 1115 Main, Bridgeport, Conn.

Schnefel Bros., cutlery mfrs.; ink erasers, etc., 684 S. 17th, Newark, N. J.
Schneible, C. A., ale & beer pumps, 132 E. 121st, New York
Schneider, A. H., brick, Nicholasville, Ky.
Schneider-Bowman Co., grey iron castings, Vandike & Frankford, Philadelphia, Pa.
Schneider Brick Co., Columbus, Ohio.
Schneider Bros., brick, Pearl River, La.
Schneider Bros., contractors, Hammond Bldg., Detroit, Mich.
Schneider Bros., sample cases, 32 W. Pearl, Cincinnati, Ohio.
Schneider & Brown Lumber Co., Marquette, Mich.
Schneider, Chas., Co., htg. contrs., 492 E. 163d, New York
Schneider, Chas. S., architect, 2248 Euclid av, Cleveland, O.
Schneider, Chris., architect, 216½ W. 3d, Duluth, Minn.
Schneider, Christ., & Son, conts., 1251 De Kalb av, Brooklyn, N. Y.
Schneider, Eberhard, mov. picture machs., 219 2d av, New York
Schneider, Ed., architect, Corona, N. Y.
Schneider, Emil, soldering flux, paste, salts & sticks, 298 South, Newark, N. J.
Schneider, F. H., stucco work, 631 W. Belden av, Syracuse, N. Y.
Schneider, Ferd. T., architect, 1314 F, N. W., Washington, D. C.
Schneider Granite Co., 2140 DeKalb, St. Louis, Mo.
Schneider, H. C., contractor, 514 S. 14th, Newark, N. J.
Schneider Hardware Co., Erie, Pa.
Schneider, Harvey W., architect, Parkersburg, W. Va.
Schneider, Henry, contractor, Jefferson City, Mo.
Schneider, Henry J., architect, Council Bluffs, Ia.
Schneider, J. S., telephone mouthpieces, door openers, etc., Ridgefield, Conn.
Schneider, John A., & Co., carriages, 3717 Colerain av, Cincinnati, Ohio.
Schneider, Louis, stencils, monograms, 249 Market, Newark, N. J.
Schneider & Metzger, machsts., Peoria, Ill.
Schneider, Peter F., clothes washing machines, B'way Mkt. Bldg., Detroit, Mich.
Schneider & Potter, architects, Cuyahoga Bldg., Cleveland, O.
Schneider & Thenkamp Co., water heaters, stoves, etc., Cleveland, Ohio.
Schneider, Walter S., architect, 346 5th av, New York
Schneider, Walter W., architect, 120 So. Main, South Bend, Ind.
Schneider's, C. A., Sons, iron railings, 212 12th, Washington, D. C.
Schneiderville Granite Co., St. Louis, Mo.
Schneidt, Aug., curled hair mattresses, Muskegon, Mich.
Schnell Bronze Bearing Co., Inc., Buffalo, N. Y.
Schnell & Son, common brick, La Crosse, Wis.
Schneller, C. W., masons' & bldrs.' matls., Catasauqua, Pa.
Schner Block Co., buttons, Muscatine, Ia.
Schnetzky & Son, architects, Germania Bldg., Milwaukee, Wis.
Schnitker & Sons Co., wood handles, New Haven, Ind.
Schnitzler, Chas. H., cornices, 215 N. 2d, Philadelphia, Pa.
Schnorr Bros. Co., packg. box mfrs., Manitowoc, Wis.
Schnuerer & Murray, advtg. nov., 15 E. 32d, New York.
Schnur, Peter, Printing Co., envelopes, Joplin, Mo.
Schnurmann, J., scrap rubber, 30 Church, New York.
Schnute-Holman Co., mfrs. & erectors interior hardwood wk., Evansville, Ind.
Schober, Geo. M., machsts., 3231 Market, Philadelphia, Pa.
Schoch, Christ, Lbr. Co., sash, door & blind mfrs., Manitowoc, Wis.
Schock, F. R., architect, 21 N. La Salle, Chicago, Ill.
Schock, Gustav, & Son, machsts., 514 W. 57th, New York.
Schock Parlor Frame Co., picture frame mouldings, Minneapolis, Minn.
Schock Refining Co., petroleum, Niotage, Kans.
Schoder & Lombard Stamp & Die Co., dies & stamps, 202 Centre, New York.
Schoedinger-Marr Co., whol. hdwe., 102 N. High, Cleveland, O.
Schoedlinger, F. O., 142 N. Third, Columbus, Ohio.
Schoelhorn-Albrecht Mach. Co., 416 N. Main, St. Louis, Mo.
Schoeller, A., architect, Corona, N. Y.
Schoellkopf, G. H., Saddlery Co., Dallas, Tex.
Schoen, Alex C., architect, 711 Bline av, West New York, N. J.
Schoen, Eugene, architect, 106 E. 19th, New York, & 371 Fulton, Brooklyn, N. Y.
Schoen-Jackson Co., carbureters, Media, Pa.
Schoen-Jackson Co., brass, bronze & aluminum castings, Finance Bldg., Philadelphia, Pa.
Schoen & Walter Co., trunks, 762 11th, Milwaukee, Wis.
Schoenborn, A. J., automobile trunks, Greenleaf, Kans.
Schoenborn & Cowles Mfg. Co., screw mach. prod., 368 Mt. Elliott, Detroit, Mich.
Schoeneberg, Fred, iron, 8th & Evans, Cincinnati, Ohio.
Schoeneck Co., automobiles, Harvey, Chicago, Ill.
Schoeneman Bros. Co., lumber mfrs., Hawarden, Ia.
Schoenemann, Fred, cornices, Rochester, N. Y.
Schoenert, Carl, & Sons, jigs & fixtures, 633 So. 20th, Newark, N. J.
Schoenewald, Robt., machsts., Philadelphia, Pa.
Schoenfeldt, Frank, architect, 4058 W. Madison, Chicago, Ill.
Schoenfeldt, Wm., machsts., 787 3d av, New York.
Schoengarth, Aug., common brick, Neillsville, Wis.
Schoenhut, A., Co., swords, Adams & Sepviva, Philadelphia, Pa.
Schoenig, Wm. K., & Son, architect, 422 Springfield av, Newark, N. J.
Schoening-Koenigsmark Milling Co., flour mills, Prairie Du Rocher, Ill.
Schoenthaler, Ed, contr., Long Branch, N. J.
Schoepfle Mfg. & Lbr. Co., Sandusky, Ohio.
Schoepflin, L. G., Co., automobiles, 80 W. Mohawk, Buffalo, N. Y.
Schofield Bros., lumber, Penna. Bldg., Philadelphia, Pa.
Schofield-Burkett Constr. Co., Macon, Ga.
Schofield & Co., agricultural implements, Freeport, Ill.
Schofield, Fred, machsts. & fndrs., Everett, Wash.
Schofield, Geo. L., cotton mchy., 123 N. Front, Phila., Pa.
Schofield, Geo. W., architect, First Nat. Bk. Bldg., Covington, Ky.
Schofield, J., & Son, woolen blankets, Madison, Ind.
Schofield, Wm., Co., machsts. & fndrs., Krams av, Wilde, Philadelphia, Pa.
Schofield's, J. S., Sons Co., mill & facty. supplies, Macon, Ga.
Scholding, C. E., cornices, Yonkers, N. Y.
Scholes Bros., cornices & skylights, 1241 Reedsdale, Pittsburgh, Pa.
Scholes, John, & Co., loom harness, etc., Lowell, Mass.
Scholl, Adam, machsts. & fndrs., 225 E. 138th, New York.
Scholl Bros., brick, Lansdale, Pa.
Scholl, Edw. Z., architect, 6th & Court, Reading, Pa.
Scholl, Leonard & Sons, contractors, 298 12th, Detroit, Mich.
Scholl, M. F., sash, door & blind, West Newton, Pa.
Scholl, W. J., Co., steamfitters' supplies, Youngstown, Ohio.
Scholler Bros. Co., cotton softeners, 3301 Amber, Phila., Pa.
Scholler Mfg. Co., wrenches, 45 N. Division, Buffalo, N. Y.
Schollhorn, Wm., Co., hdwe. mfrs., New Haven, Conn.
Scholton, D. G., marble producers, Gouverneur, N. Y.
Scholz, Arthur G., architect, Phelan Bldg., San Francisco, Cal.
Scholz, F. J., & Son, stone prod., Evansville, Ind.
Scholze, E. W., fertilizer mfrs., Chattanooga, Tenn.
Scholze, Robt., Tannery, Chattanooga, Tenn.
Schomer, Hy., Co., spring beds, 509 Mather, Chicago, Ill.
Schonbach, Anton, architect, 18 S. B'way, Yonkers, N. Y.
Schonewald, Geo. A., archit., Grand Central Term., New York.
Schonthal, J., Iron Co., scrap iron & steel, Columbus, Ohio.
School of Traction Eng., Engng. Schools & Coll., St. Paul, Minn.
Schoolhouse, J., Co., scrap iron, 293 Rider av, New York.
Schoonmaker, A. G., & Sons, machy. dlrs., 25 Church, New York.
Schoonmaker, A. O., insulating tape & washers, etc., 88 Park pl, New York.
Schoonover, Henry A., contractor, Columbus, Ind.
Schoor, P., & Son, contrs., Berkeley, Cal.
Schoor, Sam'l, pearl buttons, West New York, N. J.
Schorsch, & Co., paper bags, Brook av & 133d, New York.
Schott, J. B., Saddlery & Mfg. Co., Quincy, Ill.
Schott-Suter Co., meat packers, 52 Randall, Providence, R. I.
Schott, Wm., Mach. Shop, Batesville, Ind.
Schotte, Armin, architect, Erie Trust Bldg., Erie, Pa.
Schottland, Benj., plate glass, 105 Wooster, New York.
Schouler Cement Const. Co., weather strips, 154 Frelinghuysen av, Newark, N. J.
Schouten, J. W., & Co., lumber, 738 Bryant, San Francisco, Cal.
Schoverling, Daly & Gales, gun tubes & nipples, 302 B'way, New York.
Schrack, C., & Co., paint mfrs., 152 N. 4th, Philadelphia, Pa.
Schrade Cutlery Co., Walden, N. Y.
Schrader, Geo. F., architect, Saranac Lake, N. Y.
Schrader Iron Wks., fndrs., 1249 Harrison, San Francisco, Cal.
Schrader, Whittick & Co., paint mfrs., 1318 Clybourne av, Chicago, Ill.
Schrader's, A., Son, Inc., automobile tire valves, tire valve accessories, etc., 783-803 Atlantic av, Brooklyn, N. Y.
Schrage, W. F., architect, 43 E. 32d, Kansas City, Mo.
Schram Glass Mfg. Co., bottles, Fed. Reserve Bk. Bldg., St. Louis, Mo.
Schramm, Chris. D., & Son, granite machy., 308 N. 4th, Philadelphia, Pa.
Schran, J. H., contractor, Sharpsburg, Pa.
Schrauder & Co., meat packers, Monroe, Mich.
Schraven, J. T. & H. E., contractors, D. F. Walker's Bldg., Salt Lake City, Utah.
Schrayer's, M., Sons & Co., handles, shovels, etc., 917 W. 18th, Chicago, Ill.
Schreck & Waelty, cornices, 27 Hague, Jersey City, N. J.
Schreiber Bros., cornices & skylights, Blue Island, Ill.
Schreiber Carriage Mfg. Co., Chariton, Ia.
Schreiber, L., & Sons, Co., arch'l iron & structl. iron & steel work, 3869 Ivanhoe, Cincinnati, Ohio.
Schreiber, Wm. C., Lbr. Co., 22nd & Throop, Chicago, Ill.
Schreick, J., & Co., cornices, 906 S. Preston, Louisville, Ky.
Schreiner, Chas., Co., masons' & bldrs.' matls., Kerrville, Tex.
Schreiter, A. C., Co., contrs., Manitowoc, Wis.
Schreitmueller Stone Co., 174 Waverly av, Newark, N. J.
Schrenk & Co., mirrors, plate glass, Hoboken, N. J.
Schreyer, G., Co., fndrs., Columbus, Ohio.
Schrieber & Bellman, architects, 2nd Nat. Bk. Bldg., Toledo, O.
Schridde, Wm., box printing dies, 358 W. Madison, Chicago, Ill.
Schrier, Walter, machsts., Utica, N. Y.
Schrimpf, Chas. G., cornices & skylights, Spokane, Wash.
Schriver, O. P., & Co., hardware specialties, 621 E. Pearl, Cincinnati, Ohio.

Schrock & Squires, steel merchants, 293 Pearl, New York.
Schroder Bros., contractors, 765 Folsom, San Francisco, Cal.
Schroder, J. B., & Co., hardware mfrs., 133 E. 5th, Cincinnati, Ohio.
Schroeck, Adolph, contractor, Erie, Pa.
Schroeder, A. J., boilers, Donaldsonville, La.
Schroeder Brick & Lime Co., Shakopee, Minn.
Schroeder Bros., sash locks, 902 Payne av, St. Paul, Minn.
Schroeder Bros. Mfg. Co., jigs and fixtures, 111 Brook, Torrington, Conn. *See adv index at end of book.*
Schroeder, C. H., Co., sashes, doors & blinds, Toledo, Ohio.
Schroeder, Edw., Lamp Wks., machsts. & fndrs., 716 Jersey av, Jersey City, N. J.
Schroeder Electric Co., elec. lighting systems, Evansville, Ind.
Schroeder, Geo. F., architect, Weitzenhorn Bldg., Wilkes-Barre, Pa., & Hazleton, Pa.
Schroeder, H. V., Mfg. Co., agricultural implements, Minier, Ill.
Schroeder Headlight & Generator Co., Evansville, Ind.
Schroeder, John, contractor, Jamestown, N. D.
Schroeder, John, Lumber Co., Ft. Walnut, Milwaukee, Wis.
Schroeder, John M., architect, 35 N. Dearborn, Chicago, Ill.
Schroeder Milling Co., flour, St. Joseph, Minn.
Schroeder Paint Co., Lancaster, Pa.
Schroeder Paint & Glass Co., Detroit, Mich.
Schroeder-Rutka Hdwe. Co., cornices, Howell, Mich.
Schroeder, S. E. Mfg. Co., clothes washing machines, Minier, Ill.
Schroeder, W. H. R., cornices. Americus. Ga.
Schroepfer, Albert, architect, Nevada Bank bldg., San Francisco, Cal.
Schroeter Bros. Hardware Co., 717 Washington av., St. Louis, Mo.
Schroeter, J. H., & Bro., machsts. & fndrs., Atlanta, Ga.
Schroon River Pulp & Paper Co., Warrensburg, N. Y.
Schrope, H. H., thermometers, Allentown, Pa.
Schroth & Ahrens Co., sash, door & blind mfrs., 1534 S. Halsted, Chicago, Ill., & Winona, Minn.
Schroth, J. & F., Packing Co., meat, Cormany & Township av, C. W., Cincinnati, Ohio.
Schubert, August, Wagon Co., auto. metal bodies, Oneida, N. Y.
Schubert, Bernard, contractor, 155 Jamaica av, Brooklyn, N. Y.
Schubert, C., architect, 366 5th av, New York.
Schuberth, Geo. F., architect, 2551 Sheffield av, Chicago, Ill.
Schubert's, Jos. C., Sons, contractors, 364 S. 11th, Newark, N. J.
Schuch, John L., cornices. 930 Diamond. Philadelphia, Pa.
Schuchardt & Judell, architects, 428 Jefferson, Milwaukee, Wis.
Schuchter, Anton, contractor, Newport, Ky.
Schuchts, D. R., mill & facty. supplies, 215 President, Baltimore, Md.
Schuck, J. H., & Son, masons' & bldrs.' matls. & lbr. mfrs., Springfield, Ill.
Schuddemaye, Henry, contractor, Harrisburg, Pa.
Schueler Bros., carriages, 249 Milwaukee, Milwaukee, Wis.
Schueler, T., & Co., brass fndrs., 48 19th. av, Newark, N. J.
Schueler Ventilator Co., radiator shields, Bloomington, Ill.
Schuesler, Edw. A. (Est. of), 254 Weiss, Buffalo, N. Y.
Schuessler Fdy. & Mach. Co., Alton, Ill.
Schuessler, Jno., ventilator mfr., Covington, Ky.
Schuessler, Wm., trunk mfrs., 12 N. Market, Chicago, Ill.
Schuett & Frey, contractors, 791 Weil, Milwaukee, Wis.
Schuette Recording Compass Co., Manitowoc, Wis.
Schuette, Wm., & Co., lumber, Bndn. Trust Bldg., Pittsburgh, Pa.
Schug Elec. Mfg. Co., gas igniters, Detroit, Mich.
Schuh, Chas. P., contractor, 8 Albany, New York.
Schukraft, Wm., & Sons, auto. wood bodies, 941 Fulton, Chicago, Ill.
Schule, A., architect, 360 av C, Bayonne, N. J.
Schuler Art Glass Co., 617 W. Jackson blvd, Chicago, Ill.
Schuler, Chas., & Co., ash cans, 15 Stuyvesant, New York.
Schuler-Mueller Co., glass bevellers, stainers, memorial windows, 314 W. Superior, Chicago, Ill.
Schulman Bros., signs, cardboard, 564-572 W. Randolph, Chicago, Ill.
Schulte, G. B., Sons Co., whol. hdwe., 716 Main, Cincinnati, O.
Schulte, G. G., stone prod., Dubuque, Iowa.
Schultheiss, W. F., Co., machinists, San Diego, Cal.
Schultz, A. G., & Co., babbitt metal, 114 E. Lombard, Baltimore, Md.
Schultz, A. L., & Son, machsts., 1675 Elston av, Chicago, Ill.
Schultz, Alfred F., sash, door & blind mfrs., 10220 Vine av, Chicago, Ill.
§Schultz, Algott, contractors, 222 Union av, Bridgeport, Conn.
Schultz, Baujan & Co., wheat flour, Beardstown, Ill.
Schultz Belting Co., 111 Chambers, New York.
Schultz, C. B., contractor, Plymouth, Wis.
Schultz, D. D., cornices, 2047 W. 22d, Chicago, Ill.
Schultz, F., & Co., printers' chases, 164 N. Clinton, Chicago, Ill.
Schultz & Hirsch Co., mattresses, 1300 Fulton, Chicago, Ill.
Schultz, Julius, brewery architect, 1370 Main, Buffalo, N. Y.
Schultz & Laning, cornices, Richmond, Ind.
Schultz, M., Co., organs, 711 Milwaukee av, Chicago, Ill.
Schultz Patent Rubber Co., 1230 St. James, Philadelphia, Pa.
Schultz, Peter L., architect, Dispatch Bldg., Union Hill, N. J.
Schultz, Richard A., machsts., 213 Institute, Chicago, Ill.
Schultz, S. E., architect, Milan, Mo.
Schultz, Sam'l, contractor, 1139 N. 40th, Philadelphia, Pa.
Schultz, W. W. & A. J., ties, poles, posts, etc., Old Colony Bldg., Chicago, Ill.
Schultz, Walter L., machst., 6432 Nordica av, Chicago, Ill.
Schultz, Wm. H., contractor, 3340 N. Carlisle, Philadelphia, Pa.
Schultze & Emanuel, sash, door & blind, 614 3d, Pittsburgh, Pa.
Schultze, Geo. T., Lbr. Co., Evansville, Ind.
Schultze Mfg. Co., trimmings, 46 Lawrence, Newark, N. J.
Schultze, Robertson & Schultze, Inc., ship bldrs., 1151 Evans av, San Francisco, Cal.
Schultze-Stove & Hardware Co., San Antonio, Tex.
Schultz's, Michael, Sons, gold leaf, 152 E. Houston, New York.
Schulz, Carl, architect, 67 Gregory, New Haven, Conn.
Schulz, H. C., cornices, Kenosha, Wis.
Schulz, M., Co., pianos, 711 Milwaukee av, Chicago, Ill.
Schulze & Enamuel, lbr., Allegheny, Pa.
Schulze Hardware Co., cornices & skylights, Portage, Wis.
Schulze Leather & Findings Co., Duluth, Minn.
Schulze, Wm., architect, 2909 W. North av, Chicago, Ill.
Schulzke, Wm. H., architect, Moline, Ill.
Schum, Albert D., contractor, Pottsville, Pa.
Schum Bros., nut locks, 216 3rd av, New York.
Schumacher, Anson B., fertilizer mfrs., Hazleton, Pa.
Schumacher, Edw. A., architect, Nevada Bk. Bldg., San Francisco, Cal.
Schumacher, F. E., Co., screens, Hartville, Ohio.
Schumacher, H., Oil Wks., meal, Navasota, Tex.
Schumacher, J., Sheet Metal Wks., 3464 3rd av, New York.
Schumacher, Ramon, architect, Scarritt Bldg., Kansas City, Mo.
Schumacher Stone Co., Pandora, Ohio.
Schuman, O. E., contractor, Newark, N. J.
Schumann, Chas. H., architect, 280 B'way, New York.
Schumann Piano Co., Rockford, Ill.
Schumann, Robt. A., architect, 932 Lamberton, Trenton, N. J.
Schumann & Roden, cornices, 914 3d, Milwaukee, Wis.
Schumann & Sons Piano Co., 229 E. 41st, New York.
Schunck & Ogg, massage vibrators, 235 Canal, New York.
Schunk Hardware Co., Toledo, Ohio.
Schupp, Wm., & Co., heating contractors, 616 S. 3d av, Minneapolis Minn.
Schureman, D. S., & Son, architects. Delaware, Ohio.
Schureman, J. L., Co., mchsts., 122 S. Michigan av, Chicago, Ill.
Schurenberg, F. W., agricultural implements, Brenham, Tex.
Schurk Iron Wks., 20 S. Cardinal, St. Louis, Mo.
Schurman, Frank M., architect, 18 Maple, Buffalo, N. Y.
Schurmann, E., glass stainers, Indianapolis, Ind.
Schurmeier Wagon Co., 9th & B'way, St. Paul, Minn.
Schurs, John, burners, Los Angeles, Cal.
Schuster, Benj. J., wholsale hdwe., Selma, Ala.
Schuster & Co., mattresses, 414 N. Howard, Baltimore, Md.
Schut & Kliehn, lumber, Hennen blk, New Orleans, La.
Schutte, Albert J., architect, Camp Bldg., Milwaukee, Wis.
Schutte, Hy., Sons, sash, door & blind mfrs., Quincy, Ill
Schutte & Koerting Co., pumps, valves, condensers, etc., 1251 N. 12th, Philadelphia, Pa.
Schutte, Wm. H., carriages, Mount Joy, Pa.
Schuttler, Peter, Co., carts & wagons—dumping, 2509 W. 22d, Chicago, Ill.
Schutz Bros., Inc., wood turning, 152 Chambers. New York.
Schutz Mfg. Co., ground connection & testing clamps, 3618 Lincoln av, Chicago, Ill.
Schutz, Schreiner & Clyde Co., contractors (bldg. & gen.), May Bldg., Pittsburgh, Pa.
Schutz, Theo. F., architect, 296 W. Water, Milwaukee, Wis.
Schuyler Co., machinists, Berkeley, Cal.
Schuyler, J. P., contractor, Medina, N. Y.
Schuyler, W. S., gas stoves, Savannah, Mo.
Schuylkill Forge Co., drop forgings, Luzerne & Philadelphia, Pa.
Schuylkill Pressed Brick Co., Schuylkill Haven, Pa.
Schuylkill Stone Co., Birdsboro, Pa.
Schuylkill Valley Vitrified Products Co., Reading, Pa.
Schwab-Le Zotte Boiler Co., 16th & Canal, Milwaukee, Wis.
Schwab, Harvey A., archit., Keystone Bldg., Pittsburgh, Pa.
Schwab, Ph., Co., machsts., 16th & Canal, Milwaukee, Wis.
Schwab, R. J., & Sons Co., steam & hot water furnaces, 283 Clinton, Milwaukee, Wis.
Schwab Safe Co., machsts. & fndrs., Lafayette, Ind.
Schwabacher Hardware Co., Seattle, Wash.
Schwabe, F. J., & Son, patterns, Ft. Wayne, Ind.
Schwacke, John Strawbing, Esq., archt., 1012 Walnut, Philadelphia, Pa.
Schwagari, Edw. D., landscape archt., Washington Bldg., Tacoma, Wash.
Schwager & Nettleton, Inc., lumber, Seattle, Wash.
Schwahn-Seyberth Saddlery Co., Eau Claire, Wis.
Schwalbe, Frank R., & Sons, contractors, LaCrosse, Wis.
Schwaller's, C., Sons, masons' & bldrs.' matls., Hays, Kans.
Schwamb, Theo., Co., piano cases, Arlington Heights, Mass.
Schwan, Geo. H., architect, 307 4th av, Pittsburgh, Pa.
Schwander Brass Mfg. Co., bibbs & cocks, 823 N. 8th, St. Louis, Mo.
Schwarm & Jacobus Co., inks, 906 B'way, Cincinnati, Ohio.
Schwartz, Abr., matresses, 62 Bergen, Brooklyn, N. Y.
Schwartz, Albert A., architect, 6 N. Clark, Chicago, Ill.
Schwartz Belting Co., 76 Murray, New York.

Schwartz & Berstein, oiled clothing, Gloucester, Mass.
Schwartz Bros. & Co., tubular boilers, Cheboygan, Mich.
Schwartz, Charles L., sash, door & blind, Naperville, Ill.
Schwartz, Fred'k, meat packers, Rensselaer, N. Y.
Schwartz, Geo., & Co., meat packers, Albany, N. Y.
Schwartz & Gross, architects, 347 5th av, New York.
Schwartz, Herrmann, cold rolled steel, 121 Nassau, New York.
Schwartz, J., Co., Ltd., carriages, 548 Baronne, New Orleans, La.
Schwartz, Jacob, architect, 43 Tremont, Boston, Mass.
Schwartz, Jacob, contractor, 2308 N. 27th, Philadelphia, Pa.
Schwartz, Jos., Co., Ltd., whol. hdwe., 548 Baronne, New Orleans, La.
Schwartz, L. H. A., & Co., tex. machy. (wool finishing machines), 40 Central, Boston, Mass.
Schwartz, Morris, architect, 190 B'way, New York.
Schwartz, Oscar, archt., Provident Bk. Bldg., Cincinnati, Ohio.
Schwartz, S. Robt., & Bro., ground connection clamps, 729 B'way, New York.
Schwartz & Stewart, mill & facty. supplies—whol. hdwe., Natchez, Miss.
Schwartz, W. E., architect, Camden, Me.
Schwartzkopf's, J. G., Sons, mill & facty. supplies—whol. hdwe., Columbus, Ind.
Schwartz's, M., Sons, mill & facty. supplies, Bangor, Me.
Schwarz Bros. Co., tallow, Kearny, N. J.
Schwarz Foundry Co., Fort W. & Vermont, Detroit, Mich.
Schwarz, Fred'k J., architect, Colb Bldg., Paterson, N. J.
Schwarz, Jos., architect, Sioux Falls, S. D.
Schwarz, Jos., & Sons, machsts., Belleville, Ill.
Schwarz, Julius J., architect, 1514 Elm, Cincinnati, Ohio.
Schwarz, L. I., ash cans, 357 B'way, New York.
Schwarz, S. A., Oil Co., soap, 57 Wade Bldg., Cleveland, O.
Schwarze Electric Co., electric bells, Adrian, Mich.
Schwarzenberg, E. A., scrap iron, 428 Guardian Bldg., Cleveland, Ohio.
Schwarzler, A. J., contractor, 369 E. 167th, New York.
Schwarzwaelder, W., & Co., bank fixtures, Chichester, N. Y.
Schwarzwalder, J., & Sons, kegs, tanks (wooden), Hoboken, N. J.
Schweers Hardware Co., machsts. & fndrs., Shawano, Wis.
Schwehms', John M., Sons, hair cloth mfrs., 13 Wister, Philadelphia, Pa.
Schweickhard, Jacob, cooperage stock, Tiffin, Ohio.
Schweinfurth, Chas. F., architect, Garfield Bldg., Cleveland, O.
Schweinfurth, J. A., architect, 53 State, Boston, Mass.
Schweitzer, C., & R., floor plates, 849 Center, Chicago, Ill.
Schweitzer, C. R., heating contrs., Everett, Wash.
Schweitzer, Chas. A., contractor, Shamokin, Pa.
Schweitzer & Conrad, transformer cut-outs & enclosed fuses, 1770 Berteau av, Chicago, Ill.
Schweitzer & Conrad, transformer cut-outs & enclosed fuses, 1770 Berteau av, Chicago, Ill.
Schweitzer, E. R., architect, Shamokin, Pa.
Schweitzer, John, architect, Chillicothe, Ohio.
Schweitzer, Samuel, paste, 660 W. Lake, Chicago, Ill.
Schweizer, C. K., stencils, 214 Vine, St. Louis, Mo.
Schweizer, John, carriages, Hamilton, Ohio.
Schwender, Eugene, architect, 161 Devonshire, Boston, Mass.
Schwenger-Klein Co., machy. & refrigerators, 515 Woodland av, Cleveland, Ohio.
Schwenker, W. M., ice making & refrigerating apparatus, Irish moss, 340 E. 92d, New York.
Schwenn, August, architect, Madison, Wis.
Schwenn, Wm., archl. & ornamtl. iron, 830 Lex. av, B'klyn, N. Y.
Schwensen, Wm. (Est. of), silk fringes, 46 Walker, New York.
Schweppe & Wilt Mfg. Co., machsts., Detroit, Mich.
Schwerd, A. F., Mfg. Co., porch columns, 145 McClure, Pittsburgh, Pa.
Schwerdtle Stamp Co., steel stamps. etc., 43 Cannon, Bridgeport, Conn. *See adv index at end of book.*
Schweyer, Hy. A., Co., marble producers, King of Prussia, Pa.
Schwiers, F. W., Jr., Co., steel structural work, 90 West, New York.
Schwikert, Frank, & Son, billiard tables, Rochester, N. Y.
Schwill, Albert, & Co., malt mills, Traders' Bldg., Chicago, Ill.
Schwing & Co., cornices, 190 Ferry, Newark, N. J.
Schwing, Jno., Corp., cornices, Bridgeport, Conn.
Schwing Lumber & Shingle Co., Ltd., Plaquemine, La.
Schwingle Bros., cornices, 2637 W. Hagert, Philadelphia, Pa.
Schwob, J. A., Co., grain cradles, Moundsville, W. Va.
Schwoerer, A., Const. Co., cornices, 140 W. 42d, New York.
Science Hill Canning Co., Science Hill, Ky.
Science Hill Milling Co., flour, Science Hill, Ky.
Scientific American, publication, Woolworth Bldg., New York.
Scientific Apparatus Co., Inc., 162 W. 34th, New York.
Scientific Heater Co., 1065 E. 152nd, Cleveland, Ohio.
Scientific Instrument Co., hydrometers, regulators, etc., Detroit, Mich.
Scientific Materials Co., laboratory apparatus & supplies, 717 Forbes, Pittsburgh, Pa.
Scientific Physical Culture Co., sporting goods, 564 Jackson blvd., Chicago, Ill.
Scientific Products Co., elec. cooking app., Steubenville, Ohio.
Scio Condensed Milk Co., Scio, Ore.
Scioli, Nicola, contractor, Grantwood, N. J.
Scioto Boiler Wks., 37 N. Scioto, Columbus, Ohio.
Scioto Firebrick Co., Sciotoville, Ohio.
Scioto Lime & Stone Co., Delaware, Ohio.
Scioto Sign Co., metal litho., Kenton, O.
Scioto Valley Supply Co., plumbers', mill & facty. supplies, Long & 3d, Columbus, Ohio.
Sciple Sons, masons' & bldrs.' matls., Atlanta, Ga.
Scituate Mills, rubber cements, Greenbush, Mass.
Scobee, R. P., & Son Co., lumber, Winchester, Ky.
Scofield & Co., desk telephone brackets, inkstands, etc., 150 Nassau, New York.
Scofield Engineering Co., consulting engineers, Commercial Trust Bldg., Philadelphia, Pa.
Scofield, Levi T., architect, Schofield Bldg., Cleveland, Ohio.
Scollay, J. A., plant sprinklers, 74 Myrtle av, Brooklyn, N. Y.
Scopes & Feustmann, architects, 37 E. 28th, New York, & Saranac Lake, N. Y.
Scotch Hill Slate Co., Fair Haven, Vt.
Scotch Lumber Co., Fulton, Ala.
Scotland Mills, lumber, Jacksonville Neck, Fla.
Scotland Neck Guano Co., Scotland Neck, N. C.
Scott & Bitterman, contractor, Davenport, Ia.
Scott Brick Process Co., N. American Bldg., Philadelphia, Pa.
Scott Bros., granite prod., Barre, Vt.
Scott Bros., machinists, Cadiz & Kilbourne, Ohio.
Scott Bros. Elec. Co., lamp guards, Detroit, Mich.
Scott, C. M., Packing Co., Dover, Del.
Scott, C. P., & Sons, theormometers, 1133-37 Main, Buffalo, N. Y.
Scott, C. S., machinist, Cadiz, Ohio.
Scott, C. U., steel hardening, Davenport, Ia.
Scott, C. W., brazing furnaces, etc., head of wall, Davenport, Ia.
Scott, Chas. B., Co., plumbers', mill & facty. supplies—jobbers, Scranton, Pa.
Scott, Charles E., architect, Grand Opera House, Terre Haute, Ind.
Scott & Clark Corp., carriages, Norwich, Conn.
Scott, Claude D., architect, Grand Opera House, Terre Haute, Ind.
Scott Co., heating contractors, 243 Minna, San Francisco, Cal.
Scott-Coppage Co., loose leaf devices, 295 Lafayette, New York.
Scott County Milling Co., feed, Sikeston, Mo.
Scott, David C., archit., 358 5th av, New York.
Scott, D. I., & Co., contractors, 932 E. Washington, Indianapolis, Ind.
Scott Drill Co., Bank of Commerce Bldg., St. Louis, Mo.
Scott, Earl B., architect, Humboldt Bk. Bldg., San Francisco, Cal.
Scott Elec. Co., 357 Ogden, Newark, N. J.
Scott, Ernest, Co., dyewood extractors, Fall River, Mass.
Scott Fertilizer Co., Elkton, Md.
Scott-Fetzer Mach. Co., tool holders & screw pitch gauges, W. 114th & Locust av, Cleveland, Ohio.
Scott, Fitzhugh, architect, 424 Jefferson, Milwaukee, Wis.
Scott, Geo., architect, Ann Arbor, Mich.
Scott, G. E., contrs., Norwalk, O.
Scott, Geo. V., Co., machsts. & fndrs., Brockton, Mass.
Scott & Gilbert, chemists, 116 1st, San Francisco, Cal.
Scott-Graff Lbr. Co., Duluth, Minn.
Scott, H. E., machst. & fndr., Tarpon Springs, Fla.
Scott, H. L., & Co., contractors, San Antonio, Tex.
Scott Hay Press Co., bale tie machs., pitless scales, etc., 1300 W. 12th, Kansas City, Mo.
Scott, Hy. L., & Co., machsts., 101 Blackstone, Providence, R. I.
Scott & Howe, lumber mfrs., Tacoma, Wash.
Scott & Howe Lumber Co., Ironwood, Mich.
Scott, J. B., Co., street ry. tickets, Kansas City, Mo.
Scott, J. E., Cup Co., oil cups, Columbus, Ohio.
Scott, J. F., & Son, brick, common, Knoxville, Tenn.
Scott, Jas., & Sons, burlap, bags, 346 B'way, New York.
Scott, John, & Co., architects, Dime Bk. Bldg., Detroit, Mich.
Scott, John F., Co., contractors, 500 2nd av, Pittsburgh, Pa.
Scott, John M., & Sons, rail anchors, lock-nuts & washers, etc., Racine, Wis.
Scott, Jno., & Sons, contractors, Pierce Bldg., St. Louis, Mo.
Scott & Kemmerer, carriages, Hamburg, Pa.
Scott-Luggers Lbr. Co., Holland, Mich.
Scott, Lyman, & Stack Co., cornices & skylights, Sacramento, Cal.
Scott Mill Co., flour, Kuoxville, Tenn.
Scott, Milton W., & Co., architects, Peerless Bldg., Waco, Tex.
Scott, N. S., Co., store & bar fixtures, 440 Adelphi, Bklyn., N. Y.
Scott, Nat'l G., contractor, Hennen Bldg., New Orleans, La.
Scott, Olin (Est. of), machinist & fndr., Bennington, Vt.
Scott, Oliver, contractor, Yonkers, N. Y.
Scott Paper Co., paper table covers & towels, 7th & Glenwood, Philadelphia, Pa.
Scott, R., Hardware Co., Muncie, Ind.
Scott, Rob't, steam htg. contractor, 1723 Ranstead, Phila., Pa.
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, Ohio.
Scott & Scott, contrs., Red Bank, N. J.
Scott & Sons Co., machinists, Medford, Mass.
Scott, Sugden & Lamont, steel prods., Monadnock Bldg., San Francisco, Cal.
Scott Supply & Machy. Co., Denver, Colo.
Scott, T. A., Co., dock bldrs. & contrs., New London, Conn.
Scott, T. H., architect, 307 4th av, Pittsburgh, Pa.
Scott-Taylor Co., contractors, Ashland, Wis.
Scott-Ullman Co., elec. & gas light fixtures, 3400 Perkins av, N. E., Cleveland, Ohio.
Scott Valve Co., 310 W. Randolph, Chicago, Ill.

Scott & Van Altena, lantern slides, 6 E. 39th, New York.
Scott, W. P., contractor, 334 E. St. Joseph, Indianapolis, Ind.
Scott, Walter, & Co., machsts. & fndrs., Plainfield, N. J.
Scott & Welch, architects, Dooly Bldg., Salt Lake City, Utah.
Scott & West Co., cork carpets, 9 E. 40th, New York.
Scott, Wm. H., Co., cornices, Portland, Me.
Scott & Williams, knitting machinery & textile machy. supplies, 366 Broadway, New York.
Scott & Yetman, contrs., Red Bank, N. J.
Scottdale Furnace Co., blast furnaces, Cleveland, Ohio.
Scottdale Furnace Co., Scottdale, Pa.
Scottdale Mach. & Mfg. Co., Scottdale, Pa.
Scottdale Mills, cotton sheeting, Scottdale, Ga.
Scotten, Geo. P., & Son, canned goods, Magnolia, Del.
Scottsburg Canning Co., Scottsburg, Ind.
Scottsville Flour Mills, Scottsville, Va.
Scottsville Milling Co., flour, Scottsville, Ky.
Scourene Mfg. Co., soap, 539 W. 39th, New York.
Scovel Iron Store Co., 754 Howard, San Francisco, Cal.
Scovil, D. & H., agricultural implements, Higganum, Conn.
SCOVILL MFG. CO., brass, bronze & German silver in sheets, plates, wire rods, cups & circles, also special stampings of all kinds, Waterbury, Conn. *See adv indext at end of book.*
Scoville, E. U., Co., machsts. & fndrs., Manlius, N. Y.
Scoville, H. D., canned goods, Constantia, N. Y.
Scoville Mfg. Co., machinists, Oakland, Cal.
Scoville, M. G., Sons Co., brooms, Ogden, Utah.
Scoville, Wm. H., contractor, Hartford, Conn.
Scow Bay Iron & Brass Wks., Astoria, Ore.
Scown, Wm. J., Bldg. Co., 36 W. Randolph, Chicago, Ill.
Scrannage Bros., machsts. & fndrs., 77 Travers, Boston, Mass.
Scranton Ave. Carriage & Wagon Wks., 2339 Scranton road, Cleveland, Ohio.
Scranton Bedding Co., mattresses, Scranton, Pa.
Scranton Bolt & Nut Co., Scranton, Pa.
Scranton Button Co., electrical specialties, 409 Cherry, Scranton, Pa.
Scranton C. O. Co., contrs., Alliance, Ohio.
Scranton & Co., hdwe. mfrs., machsts., etc., New Haven, Conn.
Scranton Elec. Const. Co., 629 Counele Bldg., Scranton, Pa.
Scranton Forging Co., drop forgs., Scranton, Pa.
Scranton Gas & Water Co., Scranton, Pa.
Scranton Pump Co., Scranton, Pa.
Scranton Silk Mach. Co., Scranton, Pa.
Scranton Stove Wks., Scranton, Pa.
Scranton Supply & Machy. Co., machsts. tools, mill & facty. & steam fitters' supplies, Scranton, Pa.
Scranton Whetstone & Abrasive Wheel Co., Scranton, Pa.
"S-C" Regulator Mfg. Co., valves, feed water regulators, brass & bronze castings, etc., Fostoria, Ohio.
Screw Machine Products Corp., screw machine products & interior telephone mfrs., 1012 Eddy, Providence, R. I.
Screw Mach. Spec. Co., 1132 Austin av, Chicago, Ill.
Scribbins, John A., architect, Decatur, Ill.
Scribner, A. C., desk lights, Gloversville, N. Y.
Scribner Boiler Compound Co., 315 N. Wood, Chicago, Ill.
Scribner, Gilbert H., contractor, 108 S. La Salle, Chicago, Ill.
Scribner, Harvey (Est. of), Gardner, Me.
Scribner, W. E., Sons, contractors, Auburndale, Mass.
Scripps Booth Corp., automobile bldrs., Beaufait & Gratiot, Detroit, Mich.
Scripps Motor Co., engines, 629 Lincoln av, Detroit, Mich.
Scroggs, Philander P., architect, Augusta, Ga.
Scudder, Henry D., Jr., architect, Essex Bldg., Newark, N. J.
Scudder, R. G., & Son, lbr., Camden, N. J.
Scull Bros., contractors, Atlantic City, N. J.
Scull, Harry G., contractor, Atlantic City, N. J.
Scullin, Simon (Est. of), machsts. & fndrs., Cambria & American, Philadelphia, Pa.
Scullin Steel Co., steel castings, car trimmings, etc., 6700 Manchester av, St. Louis, Mo.
Scully, C. J., contractor, Holly Beach, N. J.
Scully, Jno. T., Foundation Co., dock bldrs., Cambridge, Mass.
Scully-Jones & Co., drill sockets, spacing collars, etc., 557 Railway Exchange Bldg., Chicago, Ill. *See adv index at end of book.*
Scully Pattern & Model Wks., S. W. cor. 5th & Delaware, Kansas City, Mo.
Scully Steel & Iron Co., boiler braces, cleaners, flue heads, fronts, etc., New Continental & Commercial Bank Bldg., Chicago, Ill.
Sculthorpe, John H., architect, Miami, Fla.
Scusa, Lino, machinist, Phoenix, N. Y.
Scutt, Frank, canned goods, Verbank Village, N. Y.
Sea Beach Packing Wks., Aberdeen, Wash.
Seaberg, Gustav, dumb waiters, 407 Douglas, Brooklyn, N. Y.
Seaboard Constr. Co., Witherspoon Bldg., Philadelphia, Pa.
Sea-Board Oil Co., lubrg., Seattle, Wash.
Seaboard Rice Milling Co., Galveston, Tex.
Seaboard Steel Castings Co., Chester, Pa.
Seaboard Steel & Manganese Corp., 50 E. 42nd, New York.
Seaboard Supply Co., plumbers' supplies, Norfolk, Va.
Seaborg, B. A., canned goods, Gold Beach, Ore.
Seaborn Shipyards Co., Tacoma, Wash.
Seabright Woven Felt Co., Camden, Me.
Seabury, B. Harmmett, architect, Besse blk, Springfield, Mass.
Seabury, Chas. L., & Co., shipbuilders. (See Gas Engine & Power Co.), Morris Heights, N. Y.
Seabury, Dwight, mill engineers, 12 East av, Pawtucket, R. I.
Seabury & Johnson, rubber goods—medical & surgical plasters, cotton, gauze, etc., 59 Maiden la, New York.
Sea Coast Canning Co., Eastport, Me.
Seacoast Fertilizer Co., Savannah, Ga.
Seadler, Jas., architect, Forum Bldg., Sacramento, Cal.
Sea Food Co., canned, Biloxi, Miss.
Seafried Bros., trunk mfrs., 2811 Girard av, Phila., Pa.
Seagrave Co., motor fire apparatus, Columbus, Ohio.
Seagraves & Purtel, contractors, Woodstown, N. J.
Seagrist, F. W. Jr., Co., granite, 533 E. 18th, New York.
Sea Island Cotton Oil Co., meal, Charleston, S. C.
Seal, W. E., & Co., canvas gloves, Millersburg, Pa.
Seal-Tite Piston Ring, Inc., 1704 E. Lake, Minneapolis, Minn.
Seale Fertilizer Co., Seale, Ala.
Sealograph Co., envelope sealing devices, Kansas City, Mo.
Sealwell Piston Ring Co., Sioux City, Ia.
Sealy Mattress Co., Sugarland, Tex.
Sealy & Rambo, fertilizer mfrs., Edison, Ga.
Sealy, Thos., rosin mfr., 138 Front, New York.
Seamless Rubber Co., tennis balls, New Haven, Conn.
Seamless Tube Co. of America, pipe & tube mills, Frick Bldg., Pittsburgh, Pa.
Seaman, A., architect, Baldwin, N. Y.
Seaman, A. C., expansion bolts, 124 N. 6th, Philadelphia, Pa.
Seaman, Jas., & Son, contractors, 303 S. Perry, Johnstown, N. Y.
Seaman, N. & Co., advtg. spec., Irriga, Ore.
Seaman Oil Co., soap, Glen Cove, N. Y.
Seaman Paper Co., 208 S. La Salle, Chicago, Ill.
Seaman & Schuske Metal Wks. Co., cornices, St. Joseph, Mo.
Seaman-Sleeth Co., machsts. & fdrs, 41 & Willow, Pittsburgh, Pa.
Seaman, W. S., Co., tele. cabinet wk.; auto. bodies, 480 Virginia, Milwaukee, Wis.
Seamans, S. D., masons' & bldrs.' matls., Aurora, Ill.
Seamon, Thos. H., stone producer, Poughkeepsie, N. Y.
Seaport Steel Co., alloy, crucible tool & high speed, 217 Broadway, New York.
Searchlight Co., oxy-acet. welding app., 910 S. Michigan av. Chicago, Ill.
Searight Mfg. Co., pencil sharpeners, 143 Columbia W. Detroit, Mich.
Searle & Chapin Lumber Co., Lincoln, Nebr.
Searle & Dressler, advtg. spec., 1210 Turner, Allentown, Pa.
Searles, E. M., architect, 3327 Market, San Diego, Cal.
Searls Mfg. Co., carriage hdwe mfrs., 29 Mulberry, Newark, N. J.
Searls Mfg. Co., top prop nuts, Cleveland, Ohio.
Sears Bros., punch & shear combined, Onslow, Ia.
Sears, C. E., & Co., canned goods, Circleville, Ohio.
Sears-Cross Co., automobile horns, 147 41st, Brooklyn, N. Y.
Sears, D. M., Co., canned goods, Fort Wayne, Ind.
Sears, Henry D., electrical supplies, rosettes, sockets, etc., 80 Boylston, Boston, Mass.
Sears Lumber Co., sash, door & blind, Middleboro, Mass.
Sears & Nichols Canning Co., Chillicothe, Ohio.
Sears, Roebuck, & Co., wallpaper, 1020 S. Spaulding av, Chicago, Ill.
Sears, Saddlery, Co., Davenport, Ia.
Sears, Thos. W., landscape architect, 107 Westminster, Providence, R. I.
Sears, W. H., architect, James Bldg., Chattanooga, Tenn.
Sears, W. T., architect, 70 Kilby, Boston, Mass.
Sears & Wendell, landscape architects, 1424 Wlnut, Phila., Pa.
Seas, J. F., & Sons, masons' & bldrs.' matls., Orrville, Ohio.
Seashore Mach. Wks., Atlantic City, N. J.
Seaside Canneries, Portland, Ore.
Seaside Canning Co., Ocean City, Md.
Seaside Shingle Mill, lumber, Everett, Wash.
Seater Mfg. Co., machsts, Peoria, Ill.
Seaton, B. F., contractor, 62 Q, NW, Washington, D. C.
Seaton, John, Fdry. & Mfg. Co., Atchison, Kans.
Seator, Sinclair M., architect, 35 N. Dearborn, Chicago, Ill.
Seattle-Astoria Iron Wks., machsts. & fndrs., Seattle, Wash.
Seattle Boiler Works, marine, Seattle, Wash.
Seattle Brass Co., castings, Seattle, Wash.
Seattle Brick & Tile Co., common, Seattle, Wash.
Seattle Car & Fdry. Co., Seattle, Wash.
Seattle Cedar Lumber Mfg. Co., porch columns, Seattle, Wash.
Seattle Constr. & Dry Dock Co., Seattle, Wash.
Seattle Cornice Wks., Seattle, Wash.
Seattle Frog & Switch Co., Seattle, Wash.
Seattle Hardware Co., 501 1st av, S., Seattle, Wash.
Seattle Lumber Co., Seattle, Wash.
Seattle Machine Wks., Seattle, Wash.
Seattle Mattress & Uph. Co., Seattle, Wash.
Seattle Metal Ceiling Co., sheet steel ceilings, cornices & skylights, Seattle, Wash.
Seattle Packing Co., Seattle, Wash.
Seattle Paint Co., varnish mfrs., Seattle, Wash.
Seattle Saddlery Co., harness strap wk. mfrs., Seattle, Wash.
Seattle Sand & Gravel Co., Seattle, Wash.
Seattle Sheet Metal Shop, cornices & skylights, Seattle, Wash.
Seattle Stove Wks., machsts. & fndrs., Seattle, Wash.
Seattle Suit Case Mfg. Co., traveling bags, Seattle, Wash.
Seattle Tent & Awning Co., contrs., Seattle, Wash.
Seaver & Co., bone, carbon, drop, ivory & lamp blk, 120 Milk, Boston, Mass.

Seaverns Piano Action Co., Buffalo, N. Y.
Seavey, C. W., machinist, Paynesville, Minn.
Seavey Co., loose leaf devices, Portland, Me.
Seavey Hardware Co., Fort Wayne, Ind.
Seavey, J. F., Lbr. Co., Dover, N. H.
Seavy, Geo. E. (est. of) lbr., Windham Depot, N. H.
Seay, E. W. & S. F., contractors, Norfolk, Va.
Sebastian Bros., corn brooms, fruit evaporators, Odin, Ill.
Sebastian Lathe Co., Covington, Ky.
Sebelin, Eugene H., gas engines, Davenport, Iowa.
Sebewaing Lumber & Mfg. Co., sash, door & blind, Sebewaing, Mich.
Sebolt, Conrad, contractor, New Brunswick, N. J.
Sebring, E. H., China Co., Sebring, O.
Sebring Fdry. Co., Sebring, Ohio.
Sebring Motor Car Co., Sebring, Ohio.
Seccomb-Kehew-Bradley Co., potato starch mfrs., Boston, Mass.
Sechler, D. M., Implement & Carriage Co., Moline, Ill.
Sechrist, Albert, Mfg. Co., gas & electric light fixtures, Denver, Colo.
Second Hand Pipe & Supply Co., machy. dlrs., Parkersburg, W. Va.
Secor, A. W., mill & facty. supplies, 76 Fulton, New York.
Secor, M. M., Trunk Co., Racine, Wis.
Secor Mfg. Co., toys, 112 E. 23rd, New York City.
Secor Typewriter Rep. Co., Derby, Conn.
Secord & Orr Co., friction clutches, Jackson, Mich.
Secrest, John P., stone producers, Laurel, Ind.
Secrist & Camper, canned goods, Buchanan, Va.
Sector, Jas., & Co., granite, Barre, Vt.
Security Auto Lock Co., 452 5th av, New York.
Security Bank Note Co., street ry. tickets, 223 Chestnut, Philadelphia, Pa.
Security Bridge Co., Metropolitan Bank Bldg., Minneapolis, Minn.
Security Cement & Lime Co., lime & cement mfrs., Hagerstown, Md.
Security Construction Co., Los Angeles, Cal., & Youngstown, O.
Security Elec. Lamp Co., 134 S. Clinton, Chicago, Ill.
Security Envelope Co., 29th & 5th av, S., Minneapolis, Minn.
Security Flour Mills Co., Abilene, Kans.
Security Insert Co:, concrete inserts, 101 N. 33rd, Phila., Pa.
Security Lightning Rod Co., Burlington, Wis.
Security Steel & Iron Co., Watervliet, N. Y.
Security Stove & Mfg. Co., 17th & Oakland av, Kansas City, Mo.
Security Window Guard Co., 130 N. 5th av, Chicago, Ill.
Sedalia Fdry. & Mach. Wks., Sedalia, Mo.
Sedalia Milling Co., flour, Sedalia, Mo.
Sedgley, R. F., revolver mfrs., 2311 N. 16th, Philadelphia, Pa.
Sedgwick, C. S., architect, Lumber Exch., Minneapolis, Minn.
Sedgwick Mach. Wks., Poughkeepsie, N. Y.
Sedgwick Tie Co., 10th & B'way, Kansas City, Mo.
Sedlachek, E., bldg. contr., Superior, Wis.
See, John W., architect, Burley, Idaho.
See, Milton, & Son, architects, 15 E. 40th, New York.
Seeber, John H., architect, Oswego, N. Y.
Seebod & Thomas, contrs., Billings, Mont.
Seeboth, Albert G., Co., mattresses, 230 Mineral, Milwaukee, Wis.
Seeboth Bros. Co., scrap iron, 111 Reed, Milwaukee, Wis.
Seeburg, J. P., Piano Co., 209 S. State, Chicago, Ill.
Seeburger, Frank, architect, Penna. Bldg., Philadelphia, Pa.
Seed Filter & Mfg. Co., 73 Franklin, New York.
Seed, J. S. Builders Exchange, contrs., Worcester Bldg., Portland, Ore.
Seed Trade Reporting Bureau, grain testers, 627 Postal Telegraph Bldg., Chicago, Ill.
Seeder Mfg. Co., agricultural implements, Homer, Mich.
Seeds, Thos. M., Jr., contractor, 1207 Race, Philadelphia, Pa.
Seeger Refrigerator Co., Arcade & Wells, St. Paul, Minn.
Seeger, Valentine, machst. & fndr., Toledo, Ohio.
Seeger-Walraven Co., mill supplies, Atlanta, Ga.
Seehausen, Wehrs & Co., mill & facty. supplies, 173 N. Franklin, Chicago, Ill.
Seehorn, I. H., architect, 328 Clay, Los Angeles, Cal.
Seekamp, H. D., Mach. Co., cutting dies, St. Louis, Mo.
Seekins, R., architect, Stonington, Me.
Seelar Elev. Wks., 332 3d av, Pittsburgh, Pa.
Seeler, Edgar V., architect, 101 S. Juniper, Philadelphia, Pa.
Seeley Bros., machy., Blaine, Wash.
Seeley, John A., Mfg. Co., fndrs., Ogdensburg, N. Y.
Seeley Paper Mills Co., binders' & friction boards, Scotch Plains, N. J.
Seeley Tube & Box Co., paper cans, etc., 344 Central av, Newark, N. J.
Seelig, R., & Son, engng. instruments, 231 N. 5th av, Chicago, Ill.
Seely Bros., machsts., Blaine, Wash.
Seely, D. W., machst. & fndr., Sodus Point, N. Y.
Seely, Frances A., Co., fireless cookers, 5735 Harper av, Chicago, Ill.
Seelye, A. T., cornices & skylights, 700 E. Hennepin av, Minneapolis, Minn.
Seelye Mfg. Co., machsts. & fndrs., 49 High, Boston, Mass.
Sees & Faber Co., mill & facty. supplies, 2008 N. Front, Philadelphia, Pa.
Seestedt, Henry W., machst. & fndr., Romulus, Mich.
Seevers Mfg. Co., machsts. & fndrs., Oskaloosa, Ia.
Sefert, Clarence L., architect, 110 W. 40th, New York.
Sefton Carriage Wks., Harrisburg, Pa.
Sefton, Chas. A. S. E., carriages, cor. Monument & Eden, Baltimore, Md.
Sefton Mfg. Corp., corrugated boxes & paper pails, 1301 W. 35th, Chicago, Ill.
Sefton, Wm. J., paper pails, 54 Lafayette, New York.
Segal, Nathan, architect, 124 W. 112th, New York.
Segale Mfg. Co., store fixtures, 68 E. Spring, Columbus, Ohio.
Segelke & Kohlhaus Mfg. Co., sash, door & blind, plate glass, La Crosse, Wis.
Seger & Gross Co., store & bar fixtures, 518 W. 55th, New York.
Seguin Milling & Power Co., flour, Seguin, Tex.
Seguine-Runyon-Stiles Co., masons' & bldrs.' matls., ft. Main, Princes Bay, N. Y.
Sehfcik, F. J., architect, 788 E. 175th, New York
Seib Bros. Co., pulleys, mallets, etc., 96 Boyd, Jersey City, N. J.
Seibel-Suessdorf Copper & Iron Mfg. Co., 2d & Lombard, St. Louis, Mo.
Seiberling & Miller Co., agricultural implements, Doylestown, O.
Seibert, B. F., architect, Mansfield, Ohio.
Seibert Co., heating contractors, 1433 Divisadero, San Francisco, Cal.
Seibert, H. E., fly catchers, 475 B'way, St. Paul, Minn.
Seick Tent & Awning Co., Des Moines, Ia.
Seidel, B., crucible mfrs., 1322 Callowhill, Phila., Pa.
Seidel Buggy Co., Richmond, Ind.
Seidel Furniture Mfg. Co., 516 Barracks, New Orleans, La.
Seidel, Julius, Lumber Co., 2000 S. Kingshighway, St. Louis, Mo.
Seidel Mfg. Co., sash pulleys, Boatmen's Bank Bldg., St. Louis, Mo.
Seideman Bros., silk fringes, 121 N. 7th, Philadelphia, Pa.
Seiditz & Werner, contractors, Winona, Minn.
Seidl-Best Mower & Harvester Guard Co., Milwaukee, Wis.
Seidler-Miner Co., lamp guards, spark plugs, etc., Detroit, Mich.
Seidlitz Varnish Co., 18th & Garfield, Kansas City, Mo.
Seidmann, Chas., & Co., silk & upholstery fringes, 1801 N. Howard, Philadelphia, Pa.
Seiferlein & Malleis, iron railings, signs, Detroit, Mich.
Seifert, Frank A., Plastic Relief Co., arch. modelers & sculptors, 2627 Dayton, St. Louis, Mo.
Seifert, Karl F. J., architect, 104 W. 42d, New York.
Seifert Special Machinery Co., Inc., automatic wire forming, bobbin, winding & special machinery mfrs., 308 Pearl, Hartford, Conn.
Seiffert, H. O., Lumber Co., Davenport, Ia.
Seifke, H. A. & Co., mixers, San Francisco, Cal.
Seig Brewery Apparatus Co., 1320 N. 5th, Philadelphia, Pa.
Seigle, M. C., brick, Osceola, Ia.
Seiler, John, Co., meat packers, 2200 Spring Garden av, Pittsburgh, Pa.
Seim, Hy., & Co., paint mfrs., Fayette & Howard, Baltimore, Md.
Seimer, Henry J., contractor, Green Bay, Wis.
Seiner, Chas. F., chimney thimbles, Indianapolis, Ind.
Seinsheimer Paper Co., York & McLean, Cincinnati, Ohio.
Seiss Mfg. Co., machinists, Toledo, Ohio.
Seiter & Son, lumber, Owens, Ohio.
Seither & Cherry Co., separators (cream), Keokuk, Ia.
Seitter's, F., Sons, brick, Nicetown & G, Philadelphia, Pa.
Seitz, Edw. G., carriages, 745 Bowen av, Chicago, Ill.
Seitz, F. A., Co., auto. engines, Newark, N. J.
Seitz, J. H., & Son, sample cases, trunks, etc., 414 Brown, Philadelphia, Pa.
Seitz, L. T., contractor, Youngstown, Ohio.
Seitzinger, J. G., sand screens, Wilkes-Barre, Pa.
Seiz, E. C., architect, 10½ Auburn av, Atlanta, Ga.
Sel, Benj., & Co., tin plate, 59 Orchard, New York.
Selas Co., gas machs., etc., 521 W. 23d, New York.
Selbach-Meyer Co., machsts., West New York, N. J.
Selby Smelting & Lead Co., San Francisco, Cal.
Selbyville Packing Co., canned goods, Selbyville, Del.
Selchow & Righter Co., toys, games, etc., 620 B'way, New York.
Selden-Breck Constr. Co., Fullerton Bldg., St. Louis, Mo.
Selden Cypress Door Co., Palatka, Fla.
Selden Motor Vehicle Co., Probert, Rochester, N. Y.
Selden Roofing & Manufacturing, 76 Western av, Minneapolis, Minn.
Seldner & Enequist, chem., 86 Hausman, Brooklyn, N. Y.
Seldon-Breck Constr. Co., 122 S. Michigan av, Chicago, Ill.
Self-Clinching Nail Co., 44 N. 4th, Philadelphia, Pa.
Self, H., architect, Grand Opera House, Terre Haute, Ind.
Self, James E., architect, Grand Opera House, Terre Haute, Ind.
Self-Winding Clock Co., 163 Grand av, Brooklyn, N. Y.
Selfe, James E., architect, Godchaux Bldg., New Orleans, La.
Selfridge, O. B., Co., wood handles, Lima, Ohio.
Selig Polyscope Co., moving picture machines, 58 E. Wash., Chicago, Ill.
Seligman, Arthur, copper refiners, bar tin, bronze powders, aluminum sheets, liquid, etc., 165 B'way, New York.
Seligman & Co., wholesale hdwe., Tamaqua, Pa.
Selkirk, Alex., architect, 133 N. Pearl, Albany, N. Y.
Sell Bros. Co., Inc., Contractors, Cumberland, Md.
Sell, Geo., contractor, Hazelton, Pa.
Sell Horse Goods Co., sporting goods, Canton, Ohio.
Sell Sporting Goods Co., Canton, Ohio.

Sellar Supply Co., gravel washing screens, 559 W. Quincy, Chicago, Ill.
Selle, H. W., & Co., sea moss, packing pads, 1000 N. Halsted, Chicago, Ill.
Seller Bros. & Co., wholesale hdwe., 14 Spear, San Francisco, Cal.
Seller Carriage Co., Versailles, Ky.
Sellers, Benj., & Sons, memorial windows, 80 Bible House, New York.
Sellers, E. A., lumber, Orwell, Ohio.
Sellers, Edw., steel tray barrows, Oak Hall Station, Pa.
Sellers, Horace W., architect, Stephen Girard Bldg., Philadelphia, Pa.
Sellers Mfg. Co., iron rolling mills, 332 S. Michigan av, Chicago, Ill.
Sellers, Philip, architect, 207 Orange, New Haven, Conn.
Sellers, Wm., & Co., hydraulic accumulators, etc., 1600 Hamilton, Philadelphia, Pa.
Sellew, B. A., architect, 756 Main, Hartford, Conn.
Sellew Machine Tool Co., grinders & vises, Pawtucket, R. I.
Selliger, Max, & Co., gin distillers, Louisville, Ky.
Selligman, Mitchell, architect, Pine Bluff, Ark.
Sellman, A. B., & Bro., canned goods, Watersville, Md.
Sellon, Geo. C., architect, 1005 K, Sacramento, Cal.
Sells, Corwin P., contractor, 1901 Talbot av, Indianapolis, Ind.
Sells, J. H. & F. A., Co., harness mfrs., Chestnut & Pearl, Columbus, Ohio.
Selma Brick & Tile Co., Selma, Ala.
Selma Canning Co., Selma, Cal.
Selma Hardware Co., Selma, Ala.
Selma Oil & Ice Co., fertilizer mfrs., Selma, Ala.
Selma Spoke Mfg. Co., Selma, Ala.
Selmore, Inc., show cases, 35 E. 12th, New York.
Selover Milling Co., flour, Moravia, N. Y.
Seltzer-Klahr Hardware Co., 535 Market, Phila., Pa.
Seltzer Packing Co., meat packers, Pottsville, Pa.
Selway Steel Post Co., 220 S. State, Chicago, Ill.
Selzer, J. M., Carriage & Business Wagon Mfg. Co., 1525 N. 14th, St. Louis, Mo.
Semco Mfg. Co., vacuum cleaners, Nashville, Tenn.
Semet-Solvay Co., chemical mfrs., coke ovens & by-products, Syracuse, N. Y.
Sem Steel Fdry. Co., New Portage, Ohio.
Semi-Steel Test Fdry. Co., 4916 Bloomingdale av, Chicago, Ill.
Seminole Construction Co., Miami, Fla.
Seminole Mills, cotton sheetings, Clearwater, S. C.
Semmes Hardware Co., Savannah, Ga.
Semones & Son, machsts. & fndrs., Union City, Tenn.
Semper, W. J., contractor, Watertown, N. Y.
Sempier, John, contractor, Bloomfield, N. J.
Semple, W. & A. C., railway supplies, 309 W. Main, Louisville, Ky.
Semprez, John, machinist, Topeka, Kans.
Semrow, Adolph C., architect, Walla Walla, Wash.
Semsch, O. F., architect, 109 Broad, New York.
Senatobia Cotton Oil Co., Senatobia, Miss.
Sendel & Rouse, whol. hdwe., Lehighton, Pa.
Seneca Brass & Plating Works, Utica, N. Y.
Seneca Camera Mfg. Co., Rochester, N. Y.
Seneca Cotton & Warehouse Co., Seneca, S. C.
Seneca Engng. Co., steel structural work, Montour Falls, N. Y.
Seneca Falls Folding Box Co., Seneca Falls, N. Y.
Seneca Falls Mfg. Co., lathe mfrs., Seneca Falls, N. Y.
Seneca Fertilizer Co., Seneca, S. C., & Tiffin, Ohio.
Seneca Glass Co., tumblers, Morgantown, W. Va.
Seneca Iron & Steel Co., Buffalo, N. Y.
Seneca Kraut & Pickling Co., canned gds., Geneva, N. Y.
Seneca Motor Co., commercial cars, Fostoria, Ohio.
Seneca Oil Mills, meal, Seneca, S. C.
Seneca Oil Works, petroleum, Warren, Pa.
Seneca Tripoli Co., Pierce Bldg., St. Louis, Mo.
Seneca Wire & Mfg. Co., Fostoria, Ohio.
See adv index at end of book.
Senefelder Litho Stone Co., 32 Greene, New York
Sener, G., & Sons, masons' & bldrs.' matls., Lancaster, Pa.
Seng Auto Device Co., push buttons, 1305 S. Michigan, Chicago, Ill.
Seng Co., hardware mfrs., 1450 Dayton, Chicago, Ill.
Seng Mfg. Co., burners—lamp, kerosene oil, Lincoln, Neb.
Sengbusch Self-Closing Inkstand Co., inkstands, etc., 401 Stroh Bldg., Milwaukee, Wis.
Sengel, Philip, & Son, wooden kegs, Louisville, Ky.
Senk, Jno., & W., fndrs., Syracuse, N. Y.
Senn Concentrator Co., First Nat. Bk. Bldg., San Francisco, Cal.
Senn, Edward R., architect, 126 E. 38th, New York.
Senne, J. H., architect, Central Natl. Bank Bldg., St. Louis, Mo.
Senseman, J. M., Lumber Co., Parkersburg, W. Va.
Sentenne & Green, glass & metal signs, 150 Nassau, New York.
Sentinel Mfg. Co., sad & soldering iron heaters, New Haven, Conn.
Sequatchie Handle Works, Sequatchie, Tenn.
Serafino, Andrew, contractor, Youngstown, O.
Serena, John, Co., masons' & bldrs.' matls., McKeesport, Pa.
Seretto, Michael, contractor, 3 Tremont, Boston, Mass.
Sergeant, A. W., masons' & bldrs.' matls., Albion, Pa.
Sergeant, E. M., Co., sulphite pulp, 95 Madison av, New York.
Sergeant Glass Co., Williamsport, Pa.
Sergeant Mfg. Co., engines, Greensboro, N. C.
Sergeant, Wm. H., contractor, Mount Vernon, N. Y.
Sergeson, R. A., Co., shuttles, Palmer & Tulip, Phila., Pa.
Sero Specialty Co., belt dressings, 2860 E. 84th, Cleveland, O.
Serracino, Nicholas, architect, 1170 Broadway, New York.
Serratelli's, P., Sons, scrap iron, 156 Malvern, Newark, N. J.
Serrell & Schenck, htg. & ventg. engrs., 71 Murray, New York.
Serson Hardware Co., htg. contrs., 109 31st, Chicago, Ill.
Serven, W. A., masons' & bldrs.' matls., Pearl River, N. Y.
Service Electric Co., elec. bells, 122 S. Michigan av, Chicago, Ill.
Service Elec. & Mfg. Co., switchboard, Minneapolis, Minn.
Service Glove Co., 8 Oliver, Newark, N. J.
Service Motor Truck Co., machsts., Wabash, Ind.
Service Recorder Co., 2344 E. 105th, Cleveland, Ohio.
Serviss, Jean R., architect, 497 Blair rd, N. W., Washington, D. C.
Servoss, Chas. J., masons' & bldrs.' matls., Macedon, N. Y.
Servoss Furnace Co., 303 N. Michigan av, Chicago, Ill.
Servotte, Ernest W., contractor, Green Bay, Wis.
Servus Rescue Equipment Co., 10 Johnson, Newark, N. J.
Sessions Clock Co., Forestville, Conn.
Sessions Fdry. Co., grey iron castings, Bristol, Conn.
Sessions, F. E., Co., coffins, caskets, etc., Worcester, Mass.
Sessions, H. M., & Sons, fertilizer mfrs., Enterprise, Ala.
Sessions, J. H., & Son, trunk hdwre., etc., Bristol, Conn.
Sester Mfg. Co., seeders, Peoria, Ill.
Seton, Frank J., cornices, 78 Washington av, Brooklyn, N. Y.
Seton Leather Co., patent & enameled leather, 62 Verona av, Newark, N. J.
Setter Bros. Co., wood skewers, Cattaraugus, N. Y.
Settle, J. C., & Co., contractors, 810 Olive, St. Louis, Mo.
Settle, T. J., blankets—woolen, Scottsville, Ky.
Settle, W. A., brick, common, Clarksville, Tenn.
S. E. T. Valve & Hydrant Co., 50 Church, New York.
See adv index at end of book.
Seufert Bros. Co., canned goods, The Dalles, Ore.
Seus, Rudolf, stone, 406 E. 109th, New York.
Seutter, Carl von, architect, Moore Bldg., San Antonio, Tex.
Severance Elect. Co., factory signals, 1 Hartford, Boston, Mass.
Severance Gas Machine Co., Freeport, Ill.
Severance & Van Alen, archt., 5 W. 37th, New York
Severence, H. Craig, & Van Alen, Wm., architects, 4 W. 37th, New York.
Severence, S., Mfg. Co., bolt, nut & rivet, 3d, Pittsburgh, Pa.
Severence Tank & Silo Co., Lansing, Mich.
Severet, J. A., & Co., meat packers, 32 E. Front, Cincinnati, O.
Severin, N. P., contractor, 82 W. Washington, Chicago, Ill.
Severns, J. T., & Sons Co., sashes, doors & blinds, Burlington, N. J.
Sevier, J. D., Son, mach. & fndr., Milan, Mo.
Sevison Electric Co., igniters, Elkhart, Ind.
Sewall, Arthur, & Co., ship builders, Bath, Me.
Sewall Paint & Glass Co., 1009 W. 8th, Kansas City, Mo.
Seward & Co., machsts. & fndrs., Bloomington, Ind.
Seward, M., & Son Co., hdwe. mfrs., New Haven, Conn.
Seward Trunk & Bag Co., suit cases, Petersburg, Va.
Sewell-Clapp Envelopes Co., 23 N. Desplaines, Chicago, Ill.
Sewell Cushion Wheel Co., truck wheels, 1296 Gratiot, Detroit, Mich.
Sewell, R. P., & Sons, 540 Hudson av, Albany, N. Y.
Sewell, W. F., flour mills, Bethlehem, Ky.
Sewer Pipe Manufacturing Co., Second Natl. Bk. Bldg., Akron, O.
Sewing Machine Cabinet Co., tel. cabinet works, Bridgeport, Conn.
Sewing Machine Supplies, 121 Beach, Boston, Mass.
Sewing Mach. Times, trade publication, 239 4th av, New York.
Sewing Thread Co., Pawtucket, R. I.
Sexauer, Chas., Roofing Co., cornices, 148 Sherman, Detroit, Mich.
Sexauer & Lemke, arch'l iron, Vernon av, Long Island City, N. Y.
Sexton Can Co., can mfrs. & sheet metal workers, 228 Franklin, Boston, Mass.
Sexton, J. F., & Co., sash, door & blind mfrs.—lbr., Spokane, Wash.
Sexton, Jno. M. L., brick, 1459 Mich. av, Chicago, Ill.
Sexton Machine Co., machsts. & fndrs., Sisterville, W. Va.
Sexton, Norman H., Co., architects, 625 Market Bldg., San Francisco, Cal.
Sexton, S. B., Stone & Mfg. Co., stone mfrs., 789 S. Gay, Baltimore, Md.
Sexton Tractor Corp., Asbury Park, N. J.
Seybold Foundry Co., Louie, Dayton, Ohio.
Seybold Machine Co., book binders' machinery, Dayton, Ohio.
Seybold Piano & Organ Co., Elgin, Ill.
Seydel Mfg. Co., colors, size, soap, etc., 88 Forest, Jersey City, N. J.
Seyfarth, Robert E., architect, 134 S. La Salle, Chicago, Ill.
Seyfert, Simon (Est. of), rolling mills, Reading, Pa.
Seyfert's, L. F., Sons, machy. dlrs., 437 N. 3d, Phila., Pa.
Seygrand & Co., airplane parts & supplies, 120 B'way, New York.
Seyler Hardware Co., Marietta, Ohio.
Seymour, Charles F., architect, 258 E. 138th, New York.
Seymour, Chas. H., archt., 766 Jackson av, New York.
Seymour Cotton Oil Co., meal, Seymour, Tex.
Seymour, David C., hot water generators, 49 Lawrence, Newark, N. J.

Seymour, Ernest, watch crystals, 60 Nassau, New York.
Seymour Iron Foundry, Seymour, Conn.
Seymour, J. M., Jr., water motor fans, etc., 51 Lawrence, Newark, N. J.
Seymour Lumber & Hardware Co., Seymour, Conn.
Seymour Mfg. Co., grain cradles, pruning shears, scythe snaths, etc., Seymour, Ind.
Seymour Mfg. Co., nickel, brass, bronze, etc., sheets, wire & rods, Seymour, Conn.
Seymour Metal Goods Co., Seymour, Conn.
Seymour Mill, Elevator & Light Co., flour, Seymour, Tex.
Seymour Planing Mill Co., sash, door & blind, Seymour, Ind.
Seymour & Schonewald, architects, Grand Central Terminal, New York.
Seymour Woolen Mills, Seymour, Ind.
S. F. K. Steel Barrel Co., 7930 Jones rd, Cleveland, Ohio.
Shabeck, John C. L., silver nov., 245 W. Exch., Providence, R. I.
Shaber, W. F., Co., cornices, 730 S. 12th, Louisville, Ky.
Shackelford Brick Co., Des Moines, Ia.
Shackelford Edgar, machsts., Cambridge, Md.
Shackelford, H. H., & Sons, carriages, Sassafras, Va.
Shackley, W. T., & Son Co., mill & facty. supplies, 49 High, Boston, Mass.
Shadall Mfg. Co., closet ventilators, Wauwatosa, Wis.
Shadbolt & Boyd Iron Co., 131 W. Water, Milwaukee, Wis.
Shadbolt Mfg. Co., wagons, 68 Flushing av, Brooklyn, N. Y.
Shadburn Bros., harness, Buford, Ga.
Shade, Grant, architect, Renova, Pa.
Shade, John W., contractor, Palmyra, N. J.
Shadegg, J. C., Engine Co., 315 S. 3d, Minneapolis, Minn.
Shafer, M. F., & Co., advtg. novelties, 12th & Farnham, Omaha, Neb.
Shafer Mfg. Co., chemical closets, 445 Colton Bldg., Toledo, O.
Shafer, O. J., patterns, etc., 207 E. 6th, Cincinnati, Ohio.
Shafer, Perry C., Co., fertilizer mfrs., Brockport, N. Y.
Shaffer, C. F., Lumber Co., Laurel, Md.
Shaffer, Edwin M., architect, Kokomo, Ind.
Shaffer, Matthew T., architect, Citizens' Bldg., Cleveland, Ohio.
Shahan, Patrick, & Son, contractors, Lebanon, Ind.
Shain, Chas. D., primary & secondary terminals, Rockaway Park, Brooklyn, N. Y.
Shakespeare Co., carbureters & fishing tackle mfrs., Kalamazoo, Mich.
Shakespeare Iron Works, 913 Girod, New Orleans, La.
Shakopee Cement Lime Mfg. Co., 220 Chestnut, St. Paul, Minn.
Shakopee Stove Wks., machsts. & fndrs., Shakopee, Minn.
Shale Brick & Tile Co., Chillicothe, Mo.
Shaler, C. A., Co., elec. heating pads, stoves & vulcanizers, Waupun, Wis.
Shaler Umbrella Co., Waupun, Wis.
Shalita Bros., tin cans, 268 South, New York.
Shallcross, J., & Son, meat packers, Coatesville, Pa.
Shambaugh & Son, flour mills, Clarinda, Ia.
Shambow Shuttle Co., Woonsocket, R. I.
Shamburg & Allen Machine Co., machsts. & fndrs., Coraopolis, Pa.
Shamokin Lumber & Mfg. Co., Shamokin, Pa.
Shamokin Powder Co., Shamokin, Pa.
Shampan & Shampan, architects, 772 Broadway, Brooklyn, N. Y.
Shanafelt Mfg. Co., pattern makers' supplies, Canton, Ohio.
Shanaman Bros., brooms (corn), Reading, Pa.
Shanaman, W. B., corn—brooms, Reading, Pa.
Shand Builders' Supply Co., Columbia, S. C.
Shand, Charles K., architect, Columbia, Wash., & Virginia, Minn.
Shands, T. W., & Co., turpentine, Green Cove Springs, Fla.
Shaner, Geo. W., & Son, contractors, Palmyra, N. J.
Shank, C. E., fndrs., Roanoke, Va.
Shank, D. C., & Co., sashes, doors & blinds, Pandora, Ohio.
Shank, Daniel, Lumber Co., Angola, Ind.
Shank, I. L., masons' & bldrs.' matls., Titusville, Pa.
Shank Milling Co., flour, Salem, Va.
Shankel, Emanuel K., brick, Pennsburg, Pa.
Shankey, Thos., & Son, brick, Haverstraw, N. Y.
Shankland, E. C. & R. M., arch'l engrs., 209 S. La Salle, Chicago, Ill.
Shanley, G. H., architect, Great Falls, Mont.
Shanley, J. F., Co., contractors, 26 Exchange pl, Jersey City, N. J., & Commercial Trust Bldg., Philadelphia, Pa.
Shann Mfg. Co., mouse traps, card & label holders, Middletown, N. Y.
Shannahan & Wrightson Hardware Co., cornices, Easton, Md.
Shannock Narrow Fabric Co., cotton shelving, Pawtucket, R. I.
Shannon Bed Spring Co., Louisville, Ky.
Shannon, E. F., contractor, Haverhill, Mass.
Shannon, Grant S., cornices & skylights, Houston, Tex.
Shannon, J. A., architect, Devils Lake, N. D.
Shannon, J. B., Hardware Co., 816 Chestnut, Philadelphia, Pa.
Shannon, J. H. & R., contractors, 538 Bergen av, Jersey City, N. J.
Shannon, J. Jacob, & Co., whol. hdwe., mill & fndry. supplies, crane & derrick bldrs., etc., 1744 Market, Philadelphia, Pa.
Shannon Lafe Co., vacuum cleaners, Waterloo, Ia.
Shannon Mfg. Co., garbage burners, 224 W. 26th, New York
Shannon, T. B., mill & facty. supplies, Lola, Kans.
Shannon, Wm., file mfrs., Middletown, N. Y.
Shannonhouse, H. T., fertilizer mfrs., Hertford, N. C.
Shantz, M. B., button mfrs., 237 S. Wells, Chicago, Ill., & Rochester, N. Y.
Shape & Bready, architects, 220 W. 42d, New York.
Shaper, F. D., Elev. Co., 153 Franklin, New York.
Shapiro, Archibald J., architect, 1 Madison av, New York.
Shapiro & Aronson, elec. & gas light fixtures, 20 Warren, New York.
Shapiro, David, cornices, 3474 3d av, New York.
Shapiro, Hy., scrap brass, iron & steel, Wilkes-Barre, Pa.
Shapiro, M., & Son, contractors, 299 B'way, New York.
Shapleigh, Bertram, architect, 4 E. 44th, New York.
Shapleigh Hardware Co., 4th & Washington av, St. Louis, Mo.
Shapley & Wells, machts., Binghamton, N. Y.
Shapter, Rich. S., architect, Summit, N. J.
Sharber & White Hardware Co., Elizabeth City, N. C.
Shares, F. I., common brick, Hamden, Conn.
Sharfink Elec. Mfg. Corp., wire connectors, 84 Walker, New York.
Sharkey Bros., contrs., Scranton, Pa.
Sharkey, P., & Son, horse collars, 53 Union, Portland, Ore.
Sharkey & Peck, boiler cleaners, heaters, tanks, etc., 2433 W. 18th, Chicago, Ill.
Sharman Bros., machsts., 256 Pearl, New York.
Sharon Bldg. Co., Sharon, Pa.
Sharon Center Canning Co., Sharon Center, Ohio.
Sharon Clay Products Co., Sharon, Pa.
Sharon Fire Brick Co., Sharon, Pa.
Sharon Fndry. Co., Sharon, Pa.
Sharon Hdwe. Mfg. Co., shelf brackets, Sharon, Pa.
Sharon Iron & Steel Co., Sharon, Pa.
Sharon Mach. Co., Sharon, Pa.
Sharon, Sam'l A., ties, poles, Newport, Pa.
Sharon Steel Hoop Co., hoops & bands, Sharon, Pa.
Sharon Trunk Co., 1625 5th av, Pittsburgh, Pa.
Sharon, W. J., machinist, Wichita, Kans.
Sharp, A. J., & Co., machsts. & fndrs., Harrisonville, Mo.
Sharp Bros., wall plaster mfrs., Youngstown, Ohio.
Sharp, C. H., Const. Co., contrs., Sharp Bldg., Kansas City, Mo.
Sharp, C. H., Mfg. Co., radiators, 13121 E. 12th, Los Angeles, Cal.
Sharp, F. K., architect, Selling Bldg., Portland, Ore.
Sharp & Fellows Contracting Co., Vernon, Los Angeles, Cal.
Sharp, Al., cornices & skylights, Montezuma, Ind.
Sharp, J. C., Brass Works, machsts. & fndrs., Chattanooga, Tenn.
Sharp, J. V., Canning Co., Williamstown, N. J.
Sharp, Leander, contractor, Bridgeton, N. J.
Sharp Mfg. & Supply Co., stove mfrs., mill & facty. supplies, New Philadelphia, Ohio.
Sharp, Robert, architect, Cole Bldg., Nashville, Tenn.
Sharp Rotary Ash Receiver Co., ash cans & hoists, coal conveyors & rotary receivers, Binghamton, N. Y.
Sharp & Smith, surgical instruments, 155 N. Michigan av, Chicago, Ill.
Sharp Spark Plug Co., 3343 Broadview rd, Cleveland, Ohio.
Sharp, T. M., sashes, doors & blinds, Aberdeen, N. C.
Sharp, W. M., Mfg. Co., machsts., Binghamton, N. Y.
Sharp, Wm. A., contractor, Reading, Pa.
Sharpe, A. R., architect, Willimantic, Conn.
Sharpe Bros., glass stainers, 951 Broad, Newark, N. J.
Sharpe & Co., lubrg. oils & greases, 97 Water, New York.
Sharpe, Jos., Construction Co., masons' & bldrs.' matls., Paterson, N. J.
Sharpe, W. H., turpentine, Halcyon Dale, Ga.
Sharples Separator Co., cream separator mfrs., West Chester, Pa.
Sharples Specialty Co., clarifiers & separators, West Chester, Pa.
Sharples, Stephen P., chemists, 26 Broad, Boston, Mass.
Sharpless & Watts Co., fire place furnishings, 1520 Sansom, Philadelphia, Pa.
Sharpley, W. W., architect, Brown Bros. Bldg., Phila., Pa.
Sharps Brass Fdry., Seattle, Wash.
Sharpsburg Fndry. Co., Sharpsburg, Pa.
Sharptown Marine Ry. Co., Sharptown, Md.
Sharpsville Boiler Wks., Sharpsville, Pa.
Sharpsville Canning Co., Sharpsville, Ind.
Sharpsville Furnace Co., Sharpsville, Pa.
Shartle Bros. Mach. Co., Middletown, Ohio.
Shattuck, Austin M., contractor, Brazil, Ind.
Shattuck, C. E., architect, Mason Bldg., Los Angeles, Cal.
Shattuck-George Iron Co., Wichita, Kans.
Shattuck & Hussey, architects, 19 S. La Salle, Chicago, Ill.
Shattuck, G. H., Inc., contrs., Manchester, N. H.
Shattuck, G. H., Inc., shipbldrs, Portsmouth, N. H.
Shattuck, Jas. S., architect, 82 N. Pearl, Albany, N. Y.
Shattuck, R. P., machst. & fndr., Clinton, Ind.
Shattuck, T. N., lumber mfrs., Piffard, N. Y.
Shaub, Henry Y., architect, N. Queens & Chestnut, Lancaster, Pa.
Shaugnessy Constr. Co., 372 B'way, Albany, N. Y.
Shavelight Corp., shaving mirrors, 30 Church, New York.
Shaver, B. F., canned goods, Troutville, Va.
Shaver Bros., contrs., Auburn, N. Y.
Shaver, J. A., flour mills, Greenville, Ky.
Shaver, J. W., canned goods, Troutville, Va.
Shaver, S. S., flour mills, Lacey Spring, Va.
Shaver, W. B., contractor, Virginia, Minn.
Shaw, A., scrap iron & steel, 2687 E. 40th, Cleveland, Ohio.

Shaw, A. B., Estate, flour, Shawville, Pa.
Shaw, A. L., architect, Tampa, Fla.
Shaw Advtg. Co., Produce Exch. Bldg., Kansas City, Mo.
Shaw, Alex. L., contractor, Warren, Pa.
Schaw-Batcher Co., Sacramento, Cal.
Shaw Blue Print Mach. Co., 11 Campbell, Newark, N. J.
Shaw Bros., brass fndrs., 43 Hermon, Newark, N. J.
Shaw, C. H., Pneumatic Tool Co., 35th & Wazee, Denver, Colo.
Shaw, C. P., & Co., machsts. & fndrs., Natchez, Miss.
Shaw Co., carriage hubs, Crandon, Wis.
Shaw & Co., modelers & sculptors, 2020 N. 10th, Phila., Pa.
Shaw Cotton Oil Co., cottonseed meal, Shaw, Miss.
Shaw Coupling Co., Syracuse, N. Y.
Shaw, E., brick, Joliet, Ill.
Shaw Elec. Crane Co., machsts., 119 W. 40th, New York.
Shaw, Fred'k E., contractor, 126 Melrose, Providence, R. I.
Shaw, Frederick J., architect, Tacoma Bldg., Tacoma, Wash.
Shaw Furniture Co., Cambridge, Mass.
Shaw, G., machsts., Ithaca, N. Y.
Shaw, G. M., & Co., architects, Tenn. Trust Bldg., Memphis, Tenn.
Shaw, Geo. H., Co., varnish, Middleboro, Mass.
Shaw, H. A., Metal Spinning Co., cornices & skylights, Seattle, Wash.
Shaw, H. C., Co., agricultural implements, Stockton, Cal.
Shaw, Hamlin J., machst., Cambridge, Mass.
Shaw, Harry W., masons' & bldrs.' matls., Everett, Wash.
Shaw, Herbert, stone producers, Walton, N. Y.
Shaw, Howard, architect, 39 S. State, Chicago, Ill.
Shaw Insulator Co., lightning arresters, 5 Kirk pl, Newark, N. J.
Shaw, J. D., architect, 510 S. Spring, Los Angeles, Cal.
Shaw, J. G., Blank Book Co., 72 Walker, New York.
Shaw, J. William, architect, Wayne, Pa.
Shaw, John, & Co., arsenate of soda & soluble oil, 15 Elkins, So. Boston, Mass.
Shaw, John L., contractor, Coshocton, Ohio.
Shaw, John P., & Co., paint mfrs., Bridgeton, N. J.
Shaw, Jno. W., & Son Co., contractors, 351 S. 9th, Newark, N. J.
Shaw-Kendall Engineering Co., Toledo, Ohio.
Shaw, L. F., & Sons Co., sashes, doors & blinds, Cartersville, Ga.
Shaw, M. G., Lbr. Co., Bath, Me.
Shaw Mfg. Co., machsts., Galesburg, Kans.
Shaw, P. M., Jr., & Co., lbr., Duluth, Minn.
Shaw Piano Co., 9 N. Liberty, Baltimore, Md.
Shaw Propeller Co., propeller wheels & wrench mfrs., 15 Elkins, Boston, Mass.
Shaw, R. W., architect, Enid, Okla.
Shaw, Russell H., architect, 10 Weybosset, Providence, R. I.
Shaw Show Case Co., Seattle, Wash.
Shaw Silas Brick Co., Joliet, Ill.
Shaw & Tenney, dowels, Orono, Me.
Shaw, Thos. M., architect, 15 Beacon, Boston, Mass.
Shaw & Truloye, turpentine, Valdosta, Ga.
Shaw-Walker Co., filing devices, 1210-22 Western av, Muskegon, Mich.
Shaw, Welsh & Co., baling presses, Galesburg, Ill.
Shaw, Wm. J., architect, Fulton Bldg., Pittsburgh, Pa.
Shaw, Wm. M., Co., machsts. & fndrs., Brazil, Ind.
Shaw, Wm. R., stone, Bridgeton, N. J.
Shaw, Willis, contrs. supplies, 80 E. Jackson blvd, Chicago, Ill.
Shaw Wire Fence Co., Warsaw, Ohio.
Shawalter, S. C., & Son, canned goods, Troutville, Va.
Shawano Canning Co., Shawano, Wis.
Shawder, W. B., fndr., Richfield, Pa.
Shawhan, Romer, architect, 50 E. 42d, New York.
Shawinigan Electro Products Co., ferro manganese, Lexington Street Bldg., Baltimore, Md.
Shawmut Chemical Co., boiler preservative, 42 Battery Canal, Boston, Mass.
Shawmut Clay Mfg. Co., flue linings & underground conduits, Drummond & Shawmut, Pa.
Shawmut Iron & Wire Wks., steel fcty. bins, Everett, Mass.
Shawmut Machy. Co., 82 Lincoln, Boston, Mass.
Shawmut Mfg. Co., paper & pulp mill, Shawmut, Me.
Shawmut Paving Brick Co., Shawmut, Pa.
Shawmut Vitrified Paving Brick Wks., Shawmut, Pa.
Shawnee Flash Brick Co., Columbus, Ohio.
Shawnee Fdry. & Mach. Shop, Shawnee, Okla.
Shawnee Lbr. Co., 1775 Weber, Cumminsville, Cincinnati, O.
Shawnee Milling Co., flour, Shawnee, Okla., & Topeka, Kans.
Shawnee Supply Co., whol. hdwe., Plymouth, Pa.
Shawver Co., auto. jacks, tools, etc., Springfield, Ohio.
Shawver, John L., contractor, Bellefontaine, Ohio.
Shawver, W. F., Co., cornices & skylights, Charleston, W. Va.
Shay, C. M., Fertilizer Co., Groton, Conn.
Shay, E., & Son, machsts. & fndrs., Harbor Springs, Mich.
Shayne, C. C., & Co., carriage robes, 126 W. 42d, New York.
Shea Bros., machsts. & fndrs., Fall River, Mass.
Shea & Co., cornices, Holyoke, Mass.
Shea, Daniel, Boiler Wks., Memphis, Tenn.
Shea, Donnelly Giberson Co., stone prod., Lynn, Mass.
Shea, J. L., contractor, Springfield, Mass.
Shea, John J., & Son, cut glassware, Cambridge, Mass.
Shea & Lofquist, architects, 742 Market, San Francisco, Cal.
Shea-Sullivan Co., contractors, 303 Main, Stamford, Conn.
Shea, T., masons' & bldrs.' matls., Springfield, Mass.
Shea, Thos. J., Co., contractors, Jamaica, Boston, Mass.
Shea, Wm. D., architect, 244 Kearny, San Francisco, Cal.
Shea, Wm., & Son, contractors, Quincy, Mass.
Sheaff, A. P., contractor, Chester, Pa.
Sheaffer, W. A., Pen Co., Ft. Madison, Ia.
Sheahan, A. J., Granite Co., Graniteville, Mo.
Sheahan Construction Co., Roanoke, Va.
Sheahan & Groark, cornices, 285 State, New Haven, Conn.
Shean, Paul, Co., mill & facty. supplies, Galveston, Tex.
Shearer & Emery, masons' & bldrs.' matls., Hobart, Ind.
Shearer, Kagey & Co., lumber mfg., Ashland, Ohio.
Shearer & Ronan, architects, 198 S. Main, Memphis, Tenn.
Shearer, Sam'l H., & Son, lbr., 1420 Chestnut, Philadelphia, Pa.
Shearman Heating Co., 18 Union, Boston, Mass.
Shearston-Lowell Mfg. Co., canvas gloves, Lockport, N. Y.
Sheblessy, J. F., architect, Blymer Bldg., Cincinnati, Ohio.
Shebly Steel Tube Co., Ellwood City, Pa.
Sheboygan Chair Co., lawn settees, Sheboygan, Wis.
Sheboygan Coaster & Wagon Wks., Sheboygan, Wis.
Sheboygan Lime Wks., Sheboygan, Wis.
Sheboygan Mattress Co., Sheboygan, Wis.
Sheboygan Novelty Co., music cabinets, Sheboygan, Wis.
Sheboygan Pad Co., Sheboygan, Wis.
Shedd-Brown Mfg. Co., advertising novelties & specialties, 317½ 5th av, S., Minneapolis, Minn.
Shedd Elec. Co., dynamo mfrs., Roselle Park, N. J.
Shedd, L. F., masons' & bldrs.' matls., Jamestown, N. Y.
Shedd, W. A., & Co., masons' & bldrs.' matls., Nashua, N. H.
Shedden, Jas., & Co., contractors, 106 N. La Salle, Chicago, Ill.
Sheedy, Thos. W., lime mfrs., Fayetteville, N. Y.
Sheehan Construction Co., 309 Holiday, Indianapolis, Ind.
Sheehan, D. H., press cloths, Westford, Mass.
Sheehan, Henry, & Son, contractors, 1208 Collingswood, Toledo, Ohio.
Sheehan, John R., contractor, Court Ex. Bldg., Bridgeport, Conn.
Sheehan, John W., contractor, 585 Western av, Lynn, Mass.
Sheehan, T. Edw., architect, Tremont Bldg., Boston, Mass.
Sheehan, Wm. G., Constr. Co., 28 De Witt, Albany, N. Y.
Sheeler-Hemsher Co., fndrs., 811 Fairmont av, Philadelphia, Pa.
Sheen, M. Roy, contractor, 450 W. Wilton, Philadelphia, Pa.
Sheenan, David J., Co., bldg. contrs., 424 B'way, Lynn, Mass.
Sheer Bros. Fence & Iron Co., bank & office railings, 715 E. 103d, Cleveland, Ohio.
Sheer, E., agricultural implements, Lincoln, Ill.
Sheer, H. M., Co., incubators & brooders, Quincy, Ill.
Sheermesser, H. S., machst. & fndr., McKeesport, Pa.
Sheet Metal, trade publication, 154 Nassau, New York.
Sheet Metal Mfg. Co., stove pipe mfrs., Niles, Ohio.
Sheet Metal Mfg. Co., ventilators, 949 Myrtle av, Brooklyn, N. Y.
Sheet Metal Specialty Co., stove pipe, Follansbee, W. Va.
Sheet Metal & Supply Co., plumbers', steam fitters' & tinners' supplies, Lancaster, Pa.
Sheets, Cree, archtct., New 1st Natl. Bank Bldg., Columbus, O.
Sheets Elevator Co., Cleveland, O.
Sheets-Ingersoll Co., contrs., Danville, Ill.
Sheets, J. B., Co., contractors, Kelly & Murtland, Pittsburgh, Pa.
Sheets, Wm. H., Jr., Co., paint brushes, 121 S. Charles, Baltimore, Md.
Sheffer, Frank, machinist, St. Paul, Kans.
Sheffield Brick & Tile Co., Sheffield, Ia.
Sheffield Car Co., car wheels, Three Rivers, Mich.
Sheffield Car & Equipment Co., Sheffield, Mo.
Sheffield Cast Iron Pipe & Fdry. Co., Sheffield, Ala.
Sheffield Coal & Iron Co., blast furnaces, Sheffield, Ala.
Sheffield Co., wholesale hardware, Americus, Ga.
Sheffield F. E., excelsior mfs., Mooers, N. Y.
Sheffield Fdry. Co., Clybourn av. & Herndon, Chicago, Ill.
Sheffield Glass Bottle Co., Sheffield, Pa.
Sheffield King Milling Co., feed, 3rd Fl. Cham. Com., Minneapolis, Minn.
Sheffield Machine & Foundry Co., Sheffield, Ala.
Sheffield, (The) Machine & Tool Co., Dayton, Ohio.
Sheffield Mfg. Co., agricultural implements, Burr Oak, Mich.
Sheffield, R. H., turpentine, Blakely, Ga.
Sheffield Works, Inc., knives, saws & steel products, 86 Warren, New York. *See adv index at end of book.*
Shehan, Geo. C., brick, Asheville, N. C.
Sheinart, Louis A., architect, 194 Bowery, New York
Sheip, Henry H., Mfg. Co., box mfrs., Randolph & Columbia av, Philadelphia, Pa.
Sheip & Vandegrift, phono. horns, 814 W. Lawrence, Phila, Pa.
Shelburne Mfg. Co., bobbins, Shelburne, N. H.
Shelby & Bateman, contractors, Little Rock, Ark.
Shelby Calendar & Nov. Co., advtg. novelties, Shelbyville, Ind.
Shelby Cotton Mills, Shelby, N. C.
Shelby-Downard Asphalt Co., Ardmore, Okla.
Shelby Fdry. & Mach. Shop, Shelby, N. C.
Shelby Gas Engine Co., mchsts. & fdrs., Shelbyville, Ind.
Shelby Iron Co., Shelby, Ala.
Shelby Lamp Division of G. E. Co., Shelby, Ohio.
Shelby Oil Co., Shelby, Miss.
Shelby Spring Hinge Co., Shelby, Ohio.
Shelby Wire Co., Shelby, Ohio.
Shelbyville Desk Co., Shelbyville, Ind.
Sheldon Axle & Spring Co., Wilkes Barre, Pa.
Sheldon Brick & Bldg. Supply Co., Champaign, Ill.

Sheldon Engine & Sales Co., cement mixer, Waterloo, Iowa.
Sheldon Frank P. & Sons, mill engineers, Ind. Tr. Bldg., Providence, R. I.
Sheldon Handle Co., Kinzua, Pa.
Sheldon, F. C., Slate Co., roofing slate mfrs., Granville, N. Y.
Sheldon Hardware Co., cornices & skylights, Janesville, Wis.
Sheldon, G. W. & Co., Rapeseed oils, 8 Bridge, New York
Sheldon, H. Mfg. Co., Dowels, Elkland, Pa.
Sheldon, J. A., contractor, Olean, N. Y.
Sheldon, J. J., architect, W. S. Concord, St. Paul, Minn.
Sheldon Mfg. Co., concrete mixers, Nehawka, Neb.
Sheldrake, J. W., canned goods, Harrington, Del.
Shelgren, Olaf W., archtct, Niagara Bldg., Buffalo, N. Y.
Sheline, E. R., & Son, wood handles, Edon, Ohio.
Shellberg & Lawson, contractors, Jamestown, N. Y.
Shellbine Turpentine Co., Fernandina, Fla.
Shelley, Geo. & Son, machsts. & brass fndrs, Wilkesbarre, Pa.
Shellman Home Mixture Guano Co., Shellman, Ga.
Shelton Bros., machs. & fdrs., Paducah, Ky.
Shelton Elec. Co., dental engines, drink mixers, etc., 30 E 42d, New York
Shelton, H. D., flour mills, Henry, Va.
Shelton Mills, flour, Chattanooga, Tenn.
Shelton, W. H. & Son, machs. fdrs., Hot Springs, Ark.
Shelton Water Co., boat cleats, Derby, Conn.
Shelverton, C., contractor, Atlanta, Ga.
Shenandoah Iron & Coal Co., blast fur's, Liberty Furnace, Va.
Shenandoah Lime Co., Straasburg Junction, Va.
Shenandoah Packing Co., canned goods, Starkey, Va.
Shenandoah Pulp Co., Harper's Ferry, W. Va.
Shenango Furnace Co., blast, Oliver Bldg., Pittsburgh, Pa.
Shenango Limestone Co., Pittsburgh, Pa.
Shenango Mach. Co., Sharon, Pa.
Shenango Pottery Co., New Castle, Pa.
Shenk Henry Co., contractors, Erie, Pa.
Shenton Thos. H., slates, Slatedale, Pa.
Shepard Amos L., patterns & models, Plantsville, Conn.
Shepard, Augustus D., architect, 36 E. 23d, New York.
Shepard-Belcher Designing & Const. Co., Kansas City, Mo.
Shepard Benj. H., architect, 564 Main, East Orange, N. J.
Shepard Daniel L., contractor, 46 Cornhill, Boston, Mass.
Shepard Edw. G., wholesale hardware, 102 Chambers, New York
Shepard Elec. Crane & Hoist Co., Montour Falls, N. Y.
See adv index at end of book.
Shepard, Farrar & Wiser, architects, R. A. Long Bldg., Kansas City, Mo.
Shepard, Geo. C., architect—naval, Munsey Bldg., Baltimore, Md.
Shepard, Geo. F., architect, 14 Kilby, Boston, Mass.
Shepard, H. G., & Sons, auto. bodies, bows, &c., New Haven, Conn.
Shepard, J. J., masons' & bldrs.' matls—firebrick, 1078 River av, N. W., Cleveland, O.
Shepard Lathe Co., machsts., Canal & Jackson, Cincinnati, O.
Shepard Mfg. Co., dry plates, Worcester, Mass.
Shepard, Martin, architect, Perrin Bldg., New Orleans, La.
Shepard & Morse Lumber Co., 201 Devonshire, Boston, Mass.
Shepard Norwell Co., mattresses, 30 Winter, Boston, Mass.
Shepard Paint Co., 19 E. Long, Columbus, Ohio.
Shepard-Traill Co., lumber mfrs., Seattle, Wash.
Shepfer Moomaw Bros., brick, Sugarcreek, O.
Shepherd Bros., brick, Columbus, Ga.
Shepherd Constr. Co., Wilkes-Barre, Pa.
Shepherd Engng. Co., mchsts. & fndrs., Williamsport, Pa.
Shepherd, Frank H., architect, Framingham, Mass.
Shepherd Lumber Co., Waterloo, Ia.
Shepherd, M. L., machinist, Newark, O.
Shepherd & Rust, elec. light fix. mfrs., Wilkes-Barre, Pa.
Shepherd & Son, architect, Wilmington, O.
Shepherd Supply Co., cor. & skylights, tin plate, Charleston, S. C.
Sheppard, C. E., Co., loose leaf devices, Spring & Hudson, New York
Sheppard, E. A., stone producers, Pine Bluff, Ark.
Sheppard, Isaac A., & Co., mchsts. & fndrs., Erie & Sepviva, Philadelphia, Pa.
Sheppard, J. E., Co., counting machines, Worcester, Mass.
Sheppard Mfg. Co., machsts., Louisville, Ky.
Sheppard, W. S., lub. oils & greases, 21 Lawrence, Newark, N. J.
Sher, Louis, ivory buttons, 229 W. 28th, New York
Sherbahn, J., brick, Wayne, Neb.
Sherburne & Co., mill & facty. supplies, 53 Oliver, Boston, Mass.
Sherburne, W. A., lumber, Tyngsboro, Mass.
Sherer, E., lumber, Mapleton, O.
Sherer Robert, & Co., contrs., Pacific Electric Bldg., Los Angeles, Cal.
Sheres, Chas., archt., 460 E. 10th, New York.
Sherick, Harry C., loose leaf devices, 321 Walnut, Cincinnati, O.
Sheridan Commercial Car Co., Harvey, Ill.
Sheridan Green & Co., htg. contrs., Goshen, Ind.
Sheridan Iron Wks., mchsts. & fndrs., Champlain, N. Y.
Sheridan, Jas. & Sons, machsts., Franklin, Pa.
Sheridan, Jno. J. & Co., machsts., Mars, Pa.
Sheridan Milling Co., flour, Sheridan, Ind.
Sheridan Packing Co., Sheridan, Ind.
Sheridan Stove Co., Quincy, Ill.
Sheridan T. W., & C. B. Co., paper box, wire stitching & book binders' machy., etc., 434 B'way, New York.
Sheriff Preserve Co., canned, 123 E. Pearl, Cincinnati, Ohio.
Sheriff's Mfg. Co., pro'ler wheels, 124 Barclay, Milwaukee, Wis.
Sherin W. R., Co., carriages, 547 Edison, Milwaukee, Wis.
Sherley, O. D., contractor, Hagerstown, Md.
Sherlock, John J., contrs., 206 Canal, Syracuse, N. Y.
Sherlock, Wm., Mfg. & Bldg. Co., contrs., Syracuse, N. Y.
Sherman, A., Lbr. Co., Grand Cen. Ter., New York
Sherman Canning & Preserving Co., Sherman, N. Y.
Sherman & Co., paper & pulp mill, Belfast, Me.
Sherman Envelope Co., Worcester, Mass.
Sherman, G. B., & Co., mill & factory supplies, 170 Summer, Boston, Mass.
Sherman, G. N. B., & Son, mill & facty. supplies, Newton Hlds., Boston, Mass.
Sherman, Geo., architect, Sedro Wooley, Wash.
Sherman, H. B. Mfg. Co., brass & bronze castings, etc., Battle Creek, Mich.
Sherman Hame Co., Sherman, Tex.
Sherman Herbert L., chemists, 12 Pearl, Boston, Mass.
Sherman Hog Greaser Co., oilers, Peoria, Ill.
Sherman, Isaac, contractor, Westerly, R. I.
Sherman, James L., sash, door & blind, New Bedford, Mass.
Sherman, John L., contr., 253 1st av, W. H., New Haven, Conn.
Sherman Mfg. Co., clamps & battery con's., Battle Creek, Mich.
Sherman Mfg. Co., cotton duck & canvas, Sherman, Tex.
Sherman-Moore Co., masons' & blds.' matls., Lowell, Mass.
Sherman Morris Co., boilers, tanks, &c., Chattanooga, Tenn.
Sherman, N. S., Machy. & Iron Wks., Oklahoma, Okla.
Sherman, R. A. & Son, contractors, New Benford, Mass.
Sherman, S., & Son, masons' & bldrs.' matls., Poultney, Vt.
Sherman-Statler Co., contractors, Cleveland, O.
Sherman, W. S., Co., woodworking machy., 495 Clinton, Milwaukee, Wis.
Sherman, Wm. U., contractor, 18 Lyndhurst, Boston, Mass.
Sherman's, R. A., & Sons Co., masons' & blds.' matls., Westerly, R. I.
Shermerhorn Richard, Jr., architect, 347 5th av, New York
Shermund, Henry, architect, Hearst Bldg., San Francisco, Cal.
Sherod, Ralph E., elec. fix., 866 Hudson, Detroit, Mich.
Sherrill, Chas. L., contractor, Morgan Bldg., Buffalo, N. Y.
Sherill-King Mill & Lumber Co., Paducah, Ky.
Sherrill-Russell Lumber Co., Paducah, Ky.
Sherrill, S. C., contractor, Kearns Bldg., Salt Lake City, Utah.
Sherrill, T. B., contractor, Tampa, Fla.
Sherritt & Stoer Co., machy. dlrs., Finance Bldg., Phila., Pa.
Sherwin, E. C., & Son, agricultural implements, Brandon, Wis.
Sherwin Electr. Co., Burlington, Vt.
Sherwin-Williams Co., chemicals, 601 Canal rd, N. W., Cleveland, Ohio.
Sherwood Brass Works, brass founders & finishers, 1167 Jefferson E, Detroit, Mich.
Sherwood Bros., lubrg. oils, Bank & 8th, Baltimore, Md.
Sherwood Bros. Mfg. Co., auto truck trailers, vehicles, &c., Canastota, N. Y.
Sherwood Canning Co., Sherwood, Md.
Sherwood Co., school furniture, 1856 W. 14th, Chicago, Ill.
Sherwood, E. C., second-hand railroad equipment, machy dlrs., 50 Church, New York.
Sherwood, Hall Co., Ltd., mfrs. sleight knees, Grand Rapids, Mich.
Sherwood, J. F., contractor, Yonkers, N. Y.
Sherwood, J. M. Co., pot cleaners, 154 Chambers, New York
Sherwood, Lorenzo W., htg. contr., 117 Edgecombe av, New York
Sherwood Lumber Co., Brooklet, Ga.
Sherwood Mfg. Co., lubricators, injectors, cleaners, etc., 1709 Elmwood, Buffalo, N. Y.
Sherwood Metal Working Co., window screens, Syracuse, N. Y.
Sherwood & Snell, fndrs., Middleport, N. Y.
Sherwood, W. L., mach. & fdr., Kirksville, Mo.
Shetucket Co., Denims, Greenville, Conn.
Shevlin-Carpet & Clark Co., lbr., First Nat'l Soo Line Bldg., Minneapolis, Minn.
Shevlin, Edwin C., lbr. mfrs., Spalding Bldg., Portland, Ore.
Shevlin Engng. Co., Inc., grates, 108 W. 34th, New York.
Shevlin-Hixon Co., lumber, Minneapolis, Minn.
Shewan, Jas. & Son, marine boilers, dry docks & marine rys., 1 B'way, New York.
Sheybogan Woodworking Co., sash, door & blind mfr., Sheboygan, Wis.
Sheyenne Valley Canning Co., Lisbon, North Dakota.
Sheynis Ozone Co., ozone clarifiers, 39 Pine, New York.
Shiel-Chapin Construction Co., 220 N. Illinois, Indianapolis, Ind.
Shield Waldron & Co., granite, Barre, Vt.
Shields & Bro., wholesale hardware, 521 Market, Phila., Pa.
Shields, C. W., cut glassware, Hawley, Pa.
Shields Carriage Co., Amesbury, Mass.
Shields, D. B., lbr., Marienville, Pa.
Shields, E. M., contractor, Chambersburg, Pa.
Shields Foundry Co., Mansfield, Mass.
Shields-Geise Lumber Co., Dawson, Ga.
Shields & Hackett, cornices, 549 Howard, San Francisco, Cal.
Shields, J. H., doors, elevator gates, etc., 231 Sycamore, Cincinnati, Ohio.
Shields, John & Sons, brick, Washington, Iowa.
Shields, L. H., canned goods, English, Ind.
Shields, Moses, Sons, stone producers, Nicholson, Pa.
Shields, W. S. P.,, asphalt miners & refiners, Witherspoon, Bldg., Philadelphia, Pa.
Shiels Bros., cornices & skylights, Riverside, Cal.

Shiels, Chas. F., & Co., lbr. & veneer mfrs., Gest & McLean avs, Cincinnati, Ohio.
Shiels, Theo. E., architect, Bamlet Bldg., Detroit, Mich.
Shiely, J. L., Co., contrs., Flat Iron Bldg., St. Paul, Minn.
Shiffer Bros., contractors, Stroudsburg, Pa.
Shilling Bros. Fdry. Co., Columbus, Ohio.
Shilling, L. S., architect, Punxsutawney, Pa.
Shilling, W. Walter, architect, Troy, O.
Shilling, Wm. K., architect, Fox Hollow Farm on S. T. & P. Ry., Springfield, Ohio.
Shilvey, S. H. & R. H., architects, Fremont, Ohio.
Shimer, J. R. Co., meat packers, Phillipsburg, N. J.
Shimer, McGlynn & Co., fndrs., 19th & Washington av, Philadelphia, Pa.
Shimer, Sam'l J., & Sons, mchsts. & fndrs., Milton, Pa.
Shimer Slate Co,, Bangor, Pa.
Shimer, Wm., Son & Co., fndrs., Freemansburg, Pa.
Shimmin Harlen E., architect, Wilbrandt Bldg., Cleveland, O.
Shimp, E., Co., canned goods, Hancock's Bridge, N. J.
Shimp & Harris, canned goods, Canton, N. J.
Shiner & Appel, architects, 185 Church, New Haven, Conn.
Shingler, C. P., & Co., turpentine, Donaldsonville, Ga.
Shingler, J. S., & Bros., turpentine, Colquitt, Ga.
Shingler, T. J., & Bros., turpentine, Donaldsonville, Ga.
Shining Light Mfg. Co., greases & oils, Buffalo, N. Y.
Shinn-Pool Cable Co., lightning rods, Oklahoma, Okla.
Shinola Co., shoe blackening, Rochester, N. Y.
Ship Island L'br. Co., Sanford, Miss.
Shipp, C. C. & Co., heating & ventilating apparatus, Indianapolis, Ind.
Shipp, W. C., Co., lightning rods, Lincoln, Neb.
Shipley Construction & Supply Co., ice & refrig. machines; ammonia conds. & fittings, etc., Ft. of Warren Brooklyn, N. Y.
Shipley & Co., 8 E. Chestnut, Columbus, Ohio.
Shipley Hardware Co., cornices & skylights, Lafayette, Ind.
Shipley Hdwe. Co., steam fitters' supplies, Meyersdale, Pa.
Shipley, J. W., harness, Winston-Salem, N. C.
Shipley, Jas. M., contractor, Anna, Ill.
Shipley, W. E. Machy. Co., Morris Bldg., Philadelphia, Pa.
Shipman, Geo., eyelet machs., West Bridgewater, Mass.
Shipman Organ Co., High Point, N. C.
Shipman's, Asa L., Sons, loose leaf devices., 100 Chambers, New York
Shippen Bros. Lumber Co., Ellijay, Ga.
Shipperloc Co., elev. safety devs., 368 Atlantic av, Boston, Mass.
Shippey, Geo. W., contractor, Utica, N. Y.
Shippey, O. E., lumber, Lyle, Wash.
Shippey, Ward G., architect, Glens Falls, N. Y.
Shippy, Chas., architect, B'way Central Bldg., Detroit, Mich.
Shipway, John H. & Bro., marble, terrazzo flooring, etc., Locust av & 136th, New York.
Shire, Edward I., architect, 373 4th av, New York
Shirer, John W., cornices, Braddock, Pa.
Shirk, A. G., mchsts. & fdrs., Adamstown, Pa.
Shirk, J. C. M., architect, 421 Chestnut, Philadelphia, Pa.
Shirk, P. E., machinist, Blue Ball, Pa.
Shirk Refrigerator Co., 116 S. Michigan av, Chicago, Ill.
Shirk, Samuel & Son, wholesale hardware, Hanover, Pa.
Shirkey, C. G., architect, 462 blvd., Rockaway Beach, N. Y.
Shirley Canning Co., Shirley, Ind.
Shirley & Co., silk fringes, 250 W. 54th, New York
Shirley, John E., & Son, contractors, Arlington Heights, Mass.
Shirley, Jno. R. & Sons, fndrs., 68 Franklin, Providence, R. I.
Shirley Lbr. Co., Shirley Mills, Me.
Shirley Radiator & Fdry. Co., Indianapolis, Ind.
Shively, S. H. & R. H., architects, Sandusky, O.
Shivers, Clifford H., architect, Woodbury, N. J.
Shnable & Quinn, contractors, 30 N. La Salle, Chicago, Ill.
Shnyder, J. M., architect, Easton, Pa.
Shockley, Clinton P., architect, Waterloo, Ia.
Shockley, J. C., lumber, West Union, S. C.
Shoe Hdwe. Co., Waterbury, Conn.
Shoe & Leather Reporter, trade publication, 166 Essex, Boston, Mass.
Shoemaker, Benj. H., glass, 205 N. 4th, Philadelphia, Pa.
Shoemaker, C. H., Lumber Co., Ocean City, N. J.
Shoemaker, F. A., inspecting & testing engrs., Builders Exchange, Buffalo, N. Y.
Shoemaker, Harry W., architect, 227 W. 22d, Houston Heights, Tex.
Shoemaker, J. D., architect, 24 James, Albany, N. Y., & Rensselaer, N. Y.
Shoemaker, Lewis F., & Co., contractors, 45 B'way, New York.
Shoemaker, Lewis F., & Co., steel struct. wk., Harrison Bldg., Philadelphia, Pa.
Shoemaker, M. L., & Co., fertilizer mfrs., Venango & Del., Philadelphia, Pa.
Shoemaker, Marshall N., archt., 207 Market, Newark, N. J.
Shoemaker, Robt., & Co., wood fillers, paints, etc., 4th & Race, Philadelphia, Pa.
Shoemaker, Sam'l, contractor, Land Title Bldg., Phila., Pa.
Shoemaker, W. H., & Son, belting mfrs., 36 Vesey, New York.
Shoemaker's, J. B., Sons, packing box mfrs., Front & E, Philadelphia, Pa.
Shoenberg, Milton H., medical batteries, 323 Geary, San Francisco, Cal.
Shoof, Auslin H., contractor, Canton, Ohio.
Shoffner Bros., contrs., Norristown, Pa.
Sholder-Excel Mfg. Co., ammeters & voltmeters, Clyde, Ohio.
Sholler, F. J., architect, Altoona, Pa.
Shonberg, L., scrap brass & copper, 122 Flushing av, Bklyn, N. Y.
Shone Co., sewage ejectors, 231 Institute pl, Chicago, Ill.
Shoninger, B., Co., organs & pianos, New Haven, Conn.
Shoninger, B., Co., pianos, 505 5th av, New York.
Shonk, Chas. W., Co., advertising signs, 76 Wash. blvd., Detroit, Mich.
Shank, Charles W., Co., adding machines, Maywood, Ill.
Shons, Wm. H., contractor, Freeport, Ill.
Shook & Fletcher Supply Co., machy. dlrs., R. R. equipments, etc., Birmingham, Ala.
Shook, Ira E., masons' & bldrs.' matls., Stoney Ridge, Ohio.
Shoop Bros., fndrs., Tarenum, Pa.
Shoop, Henry B., architect, 14th & Walnut, Harrisburg, Pa.
Shoop-Withers Co., masons' & bldrs.' matls., Suffolk, Va.
Shop, W. A., & Co., machsts. & fndrs., New Castle, Ind.
Shopbell, Clifford, & Co., architects, Furniture Bldg., Evansville, Ind.
Shope Brick Co., mantel brick, 3952 14th av, Seattle, Wash.
Shore & Dodge, architects, 608 Chestnut, Philadelphia, Pa.
Shore Instrument & Mfg. Co., scientific instrument mfrs, 557 W. 22nd, New York.
Shore, W. A., & Co., fertilizer, Baldwin, Ga.
Shorey, D. C., Brick & Supply Co., 1403 Un. Tr. Bldg., Cincinnati, Ohio.
Short, B. E., contractor, Sioux City, Ia.
Short, Chas. W., Jr., architect, 33 W. 42d, New York.
Short Electrical Mfg. Co., flexible conducts, Penn Yan, N. Y.
Short, F., Co., contractors, Louisville, Ky.
Short, John H., & Sons, sash, door & blind mfrs., 5 Uhler, Baltimore, Md.
Short Turn Tractor Co., Globe Bldg., Minneapolis, Minn.
Shortsville Wheel Co., Shortville, N. Y.
Shotten, Thos., Cut Glass Wks., 345 Eldert, Brooklyn, N. Y.
Shotwell Mfg. Co., corn poppers, 1021 W. Adams, Chicago, Ill.
Shotwell Pump & Tank Co., oil storage systems, 21 N. Alabama, Indianapolis, Ind.
Shoultz, A. H., architect, Watertown, S. Dak.
Shourds, Dalton B., architect, Tribune Bldg., Terre Haute, Ind.
Shourds-McCormick-Cushman Co., Terre Haute, Ind.
Shover, Eugene F., contractor, Poughkeepsie, N. Y.
Showalter & Garst, canned goods, Roanoke, Va.
Showell Mfg. Co., canned goods, Showell, Md.
Shower, Wm. H., machst. & fndr., Manchester, Md.
Shoyer, D. W., & Co., hammock mfrs., 394 B'way, New York.
Shoyer, D. W., & Co., sweaters, cardigans, etc., 30 Main, Brooklyn, N. Y.
Shrader Bros., contractors, Louisville, Ky.
Shrader, Ernest H., architect, 140 4th, Weehawken, N. J.
Shrauger & Johnson, lightning rods, Atlantic, Ia.
Shredded Wheat Co., 233 B'way, New York.
Shreeve & Madsen, architects, Ogden, Utah.
Shreffler, S., carriages, Shelby, Ohio.
Shreve, Crump & Low Co., elec. fix., 147 Tremont, Boston, Mass.
Shreve, R. H., architect, 52 Vanderbilt av, New York.
Shreve, W. A., & Co., masons' & bldrs.' matls., Bordentown, N. J.
Shreveport Blow Pipe & Sheet Iron Wks. (Ltd.), shavings collecting systems, Shreveport, La.
Shreveport Brick & Tile Co., Shreveport, La.
Shreveport Creosoting Co., Louisville, Ky.
Shreveport Fertilizer Works, Shreveport, La.
Shreveport Lumber Co., Shreveport, La.
Shreveport Mattress Co., Shreveport, La.
Shreveport Saddlery Co., Shreveport, La.
Shrewsbury, H. H., lumber, Sedro Woolley, Wash.
Shrewsbury & Washburn, flour mills, Caneyville, Ky.
Shriver, B. F., Co., canned goods, Westminster, Md.
Shriver, T., & Co., piano plates, machsts. & fndrs., Harrison, N. J.
Shrum, Andrew L. Co., contrs., Clarksburg, W. Va.
Shryock, J. K., cloth boards, 301 N. 2nd, Philadelphia, Pa.
Shryock, Theo. J., & Co., 717 S. Caroline, Baltimore, Md.
Shubuta Oil & Mfg. Co., fertilizer mfrs., Shubuta, Miss.
Shuc, E. A. & W. H., contrs., Parsons, Kan.
Shucker & Shindel, soap, Lebanon, Pa.
Shuee-Bahls Hardware Co., Lafayette, Ind.
Shuer-Woodruff Iron & Metal Co., scrap iron & steel, Toledo, O.
Shufeldt, Hy. H., & Co., gin distillers, 28 E. Kinzie, Chicago, Ill.
Shufflebarger, E. L., architect, Bluefield, W. Va.
Shufflebarger, F. N., architect, Dublin, Va.
Shugers Mfg. Co., auto tops, Los Angeles, Cal.
Shuler & Benninghofen, blankets, etc., Hamilton, Ohio.
Shuler, W. S., Spring Co., Amsterdam, N. Y.
Shull Co., switchboards, Washington, D. C.
Shull, J. & W. C., sash, door & blind dealers, Adrian, Minn.
Shull Lbr. & Shingle Co., Everett, Wash.
Shull, W. A., razor strops, 142 N. 4th, Philadelphia, Pa.
Shull, Wm. S., architect, Atlantic City, N. J.
Shull, Wm. S., archt., Independence Bldg., St. Petersburg, Va.
Shults, H. H., Co., post office equipments, Gowanda, N. Y.
Shultz All Steel Corner Post Co., store front const., St. Joseph, Mo.
Shultz Belting Co., 116 N. 3d, Phila., Pa., & Bismarck & Barton, St. Louis, Mo.
Shultz-Goodwin Co., silk tassels, 31 Lincoln, Boston, Mass.

Shulz, Arthur P., architect, Bethlehem, Pa.
Shuman, C. F., cornices & skylights, Charlotte, N. C.
Shuman, F. G., Co., mirrors, 168 N. Michigan av, Chicago, Ill.
Shuman, I. J., machsts., Rockland, Me.
Shumate, Mary S., flour mills, Narrows, Va.
Shumate Razor Co., 706 Chestnut, St. Louis, Mo.
Shumway, C. W., & Son, machsts. & fndrs., Batavia, Ill.
Shunk Plow Co., Bucyrus, Ohio.
Shupe, Harry L., architect, Marshall Bldg., Cleveland, Ohio.
Shupp, S., wagon spokes, Effort, Pa.
Shurick & Hansen, architects, Torrey Bldg., Duluth, Minn.
Shurloc Elevator Safety Co., 127 White, New York.
Shurrocks, A. F., architect, 511 Westminster, Providence, R. I.
Shurtleff, Arthur A., landscape arch., 89 State, Boston, Mass.
Shuster, F. B., Co., wire straightening & cutting machines & riveting machy. mfrs., New Haven, Conn.
See adv index at end of book
Shuster Plumbing Supply Co., Willow & Franklin, Phila., Pa.
Shutter, S. Z., sash, door & blind mfrs., 25th cor Grand, Kansas City, Mo.
Shuttle Mach. Co., 18 E. 17th, New York.
Shuttleworth, Edwin, Co., stone prod., Vernon av, Long Island City, N. Y.
Shuttleworth, Keiller & Co., paper bags, folding boxes, 474 W. B'way, New York.
Shutts & Morrison, architects, Marine Bank Bldg., Erie, Pa.
Shuttuck, Edinger, Co., contrs., March-Strong Bldg., Los Angeles, Cal.
Shwab Bros. Co., plumbers' wood wk., 811 E. 9th, New York.
Shwayder Trunk Mfg. Co., Denver, Colo.
S. H. Supply Co., machsts. & fndrs., Beaumont, Tex.
Sias & Grenfell, contractors, Oak Park, Ill.
Sibbel, Jos., marble altars, 214 E. 26th, New York.
Sibbett Fdy. & Iron Wks., Wichita, Kan.
Sibert & Robinson, contrs., Augusta, Ga.
Sibley Brick Co., common brick, Birmingham, Ala.
Sibley Coll. of Engn., engng. schools & coll., Ithaca, N. Y.
Sibley, E. L., Mfg. Co., machsts., Bennington, Vt.
Sibley, Ernest, architect, Palisade, N. J.
Sibley, F. M., Lumber Co., masons' & bldrs.' matls., Kercheval & Beaufait, Detroit, Mich.
Sibley Hardware Co., South Bend, Ind.
Sibley, J. B., & Son, mill & facty. supplies, Ware, Mass.
Sibley Lumber Co., Macon, Ga.
Sibley Machine Co., drilling machine mfrs., 8 Tutt, South Bend, Ind.
Sibley Pitman Elec'l Corp., batteries, lamps, meters, etc., 19 W. 36th, New York.
Sibley Quarry Co., stone producers, Detroit, Mich.
Sibley Scythe Co., North Newport, N. H.
Sibley Soap Co., Franklin, Pa.
Sibley Stove Co., fndrs., South Bend, Ind.
Sibly Mfg. Co., cotton duck & canvas, Augusta, Ga.
Sicilian Asphalt Paving Co., 41 Park row, New York.
Sickels, Geo. B., Marble Co., Sickels, Ga.
Sickels, H. P., Co., contractors, Rochester, N. Y.
Sickels-Loden Co., wholesale hdwe., 56 Murray, New York.
Sickels & Preston Co., wholesale hdwe., Davenport, Ia.
Sicking, Barnard, machsts., 1931 Freeman av, Cincinnati, Ohio.
Sickles, J. B., Saddlery Co., 2100 Washington, St. Louis, Mo.
Sicklesteel Lumber Co., 116 Forman av, Detroit, Mich.
Sidbury Lumber Co., Corpus Christi, Tex.
Siddons, John, Co., store fronts, Rochester, N. Y.
Sidebotham, John, Inc., cotton sleeving, 4317 Griscom, Phila., Pa.
Sidebottom, G. H., architect, 67 Milk, Boston, Mass.
Sidells, Byron T., architect, Warren, Ohio.
Sider Bros., corn brooms, 1245 W. 14th pl, Chicago, Ill.
Sider, H., & Son, corn brooms, 1311 Blue Island av, Chicago, Ill.
Side Weight Horse Shoe Co., mechanic, Hartford, Conn.
Sidney Elevator Mfg. Co., Sidney, Ohio.
Sidney Hollowware Co., felloe oilers, Sidney, Ohio.
Sidney Mfg. Co., auto. metal bodies, Sidney, Ohio.
Sidney Power Press Co., Sidney, Ohio.
Sidney Spec. & Nov. Co., window screens, Sidney, N. Y.
Sidney Steel Scraper Co., barrows, road machinery, etc., Sidney, Ohio.
Sidney Tool Co., woodworking machinery, Sidney, Ohio.
Sidi Co. of America, Silica, 37 Murray, New York.
Sidway Mercantile Co., manufacturers of collapsible baby carriages & furniture, Elkhart, Ind.
Sidwell, C. W., & Son, machsts. & fndrs., Delta, Pa.
Siebel, J. E., & Sons Co., chemists, 962 Montana, Chicago, Ill.
Sieben Chemical Spraying Nozzle Co., Kansas City, Mo.
Sieber Co., loose leaf devices, Pierce Bldg., St. Louis, Mo.
Sieber, F. C., soap, Harrisburg, Pa.
Siebert Bros., meat packers, Yonkers, N. Y.
Siebert, F. L., automobile bldrs., Toledo, Ohio.
Siebert, J. S., architect, 1520 6th, San Diego, Cal.
Siebert, Val. A., & Co., architects, 425 E. Water, Milwaukee, Wis.
Siebert, W. C., contractor, 366 42d, Pittsburgh, Pa.
Siebler, W. F., contractor, Easton, Pa.
Siebold, F. A., & Son, contractors, 189 W. Madison, Chicago, Ill.
Siebold, J. H. & G. B., printing inks, bronze powders, 21 W. Houston, New York.
Siebrand, Carl, architect, Nor. Life Bldg., Seattle, Wash.
Siedhoff, Geo. H., Construction Co., Finance Bldg., Kansas City, Mo.
Siefert, Aug., Hardware Co., cornices & skylights, Reedsburg, Wis.
Siefert, J. A., contractor, Youngstown, Ohio.
Sieffert Elec. Co., junction boxes, Evansville, Ind.
Sieg Co., mill & facty. supplies, whol. hwe., Davenport, Ia.
Sieg, John A., brick, tile, drain, Marshalltown, Ia.
Siegel, Abram, architect, 259 Baden, Rochester, N. Y.
Siegel, Rothschild & Co., umbrella mfrs., Howard & Baltimore, Baltimore, Md.
Sieger & Son Mfg. Co., roofing slate mfrs., Slatington, Pa.
Siegle, G., Co., color mfrs. & imptrs., red oil, Rosebank, N. Y.
Siegler, Wm. & Son, clamp nails, 115 S. Clinton, Chicago, Ill.
Siegrist, B. F., flushing valves, 263 Laurel, Buffalo, N. Y.
Siemens, George M., architect, Scarritt Bldg., Kansas City, Mo.
Siemer Milling Co., flour, Teutopolis, Ill.
Siemon & Elting, color mfrs., 99 Nassau, New York.
Siemon Hard Rubber Corp., Bridgeport, Conn.
Siems-Carey Co., bldg. contrs., Ger. Life Bldg., St. Paul, Minn.
Siems, Carey-H. S. Kerbaugh, contrs., 120 B'way, New York.
Siemund Wenzel Elec. Welding Co., 30 Church, New York.
Siener, John G., architect, 76 Thompson, Buffalo, N. Y.
Siepel-Kuhlman Co., architects, Williamson Bldg., Cleveland, O.
Sier-Bath Co., gears, 143 W. 54th, New York.
Sierks, Henry, architect, 180 N. Dearborn, Chicago, Ill.
Sierra Iron Co., 310 Sansome, San Francisco, Cal.
Sierra Nevada Wood & Lumber Co., San Francisco, Cal.
Siersdorfer Constr. Co., Bellingham, Wash.
Siess, A. C., cornices, Dobbs Ferry, N. Y.
Siever Hardware Co., Keyser, W. Va.
Sievering, Philip, plating works, 408 Broome, New York.
Sievert Torch Co., blow torches, 15 Beacon, Boston, Mass.
Sieverkropp Engine Co., Racine, Wis.
Siewek Bros. Co., jigs, 75 E. Baltimore av, Detroit, Mich.
Siewers, Richard A., lumber mfrs., contr., 604 W. Canal, Richmond, Va.
Siewert & Engstrom, contrs., Salem, Ore.
Sightler, L. H., turpentine, Andalusia, Ala.
Sigler, Grey, ties, Houston, Tex.
Sigler, Wm. T., sash, door & blind mfr., Luke, Md.
Sigley, Wm. H., gasoline funnels, Sylvan Grove, Kans.
Sigman Furniture Mfg. Co., mattresses, Chickasha, Okla.
Sign Ad. Co., Geneva, N. Y.
Signal Accessories Co., railroad specialties mfrs., Utica, N. Y.
Signal Control Co., whistles, 161 Washington, New York.
Signal Motor Truck Co., 672 Commonwealth, Detroit, Mich.
Signalite Mfg. Co., jigs & fixtures, stampings & dies, 522 S. Clinton, Chicago, Ill.
Signalphone Alarm Co., tel. & apparatus, Milwaukee, Wis.
Sign-O-Graph Mfg. Co., electric illuminated signs, 431 S. Dearborn, Chicago, Ill.
Signode System, Inc., bale tie fasteners, etc., 108 W. Lake, Chicago, Ill.
Signor, Ralph L., architect, Plattsburg, N. Y.
Sigourney Tool Co., machsts., Hartford, Conn.
Sigwalt Mfg. Co., seal presses, 3658 Armitage, Chicago, Ill.
Sigwart & Rolston, machy., 341 2d av, Pittsburgh, Pa.
Sikes Co., chairs, 23d & Passyunk av, Philadelphia, Pa.
Sikes Consolidated Chair Co., 30 E. 42d, New York.
Sikes Hay Press Co., Ocilla, Ga.
Sikes-McLean Lumber Co., Red Springs, N. C.
Sikes, S. R. Co., mill & facty. supplies, 1030 S. 3d, Minneapolis, Minn.
Silberman, Morris, & Son, scrap iron & steel, 2418 B'way, Cleveland, Ohio.
Silberstein, A. L., cutlery & razor mfrs., 600 W. 157th, New York.
Silent Washer Co., clothes washing machines, Appleton, Wis.
Siler City Milling Co., Siler City, N. C.
Siler Mill Co., shooks box, Raymond, Wash.
Silex Co., coffee filters & percolators, 45 High, Boston, Mass.
Silica Brick & Clay Co., Denver, Colo.
Silican Products Co., sand producers, Lancaster, Pa.
Silkworth, Chas. E., Jr., architect, 258 B'way, New York.
Sill, Buckler & Fenhagen, archts., 11 E. Pleasant, Baltimore, Md.
Sill, Howard, architect, Md. Casualty Bldg., Baltimore, Md.
Sill Stove Works, Rochester, N. Y.
Sillcocks-Miller Co., car seats & material, bathroom fixtures, South Orange, N. J.
Siller Bros., contractors, Sacramento, Cal.
Sillers, John S., contractor, 2020 Alter, Philadelphia, Pa.
Silliman & Godfrey Co., masons' & bldrs.' matls., Bridgeport, Conn.
Silo Specialty Mfg. Co., Clinton, Ia.
Silsbee, J. R., architect, Elyria, Ohio.
Silsby Stove & Queensware Co., fndrs., Springfield, Mo.
Silver Aluminum Metal Co., castings, 394 Taaffe pl, B'klyn, N. Y.
Silver Beach Shingle Co., lumber, Bellingham, Wash.
Silver, C. B., canned goods, Havre De Grace, Md.
Silver Carriage Co., Oneida, N. Y.
Silver City Cut Glass Co., Meriden, Conn.
Silver & Co., silverware, 304 Hewes, Brooklyn, N. Y.
Silver Constr. Co., 411 E. 8th, New York.
Silver Creek Sand Co., Silver Creek, N. Y.
Silver Crown Disk Co., 1457 B'way, New York.
Silver Gate Fdy., San Diego, Cal.

Silver, Geo. O., canned goods, Havre de Grace, Md.
Silver, H., & Son, machsts., Ogdensburg, N. Y.
Silver Lake Co., cordage & twine, Newtonville, Mass.
Silver Lake Railway & Lumber Co., Castle Rock, Wash.
Silver Mfg. Co., argicultural implements, etc., Salem, Ohio.
Silver Plate Cutlery Co., Shelton, Conn.
Silver State Creamery & Produce Co., Fort Lupton, Colo.
Silver, W. F., canned goods, Havre de Grace, Md.
Silverman Engineering Co., architect, 43 Tremont, Boston, Mass.
Silverman, Hyman H., wholsale hdwe., 104 Bowery, New York.
Silverthorne Lbr. Co., North Tonawanda, N. Y.
Silverton Lbr. Co., Silverston, Ore.
Silvestro Co., elec. & gas light fixtures, 4149 Pk. av, New York.
Silvey Elec. Co., lamps & storage batteries, Dayton, Ohio.
Sim, Chas., contractor, Rosemont, Pa.
Sim, Geo., machsts., 421 S. Clinton, Chicago, Ill.
Simcox, Jos. H., fndrs., Cohoes, N. Y.
Sime, John, contrs., Springfield, Ill.
Simmers & Campbell, granite, St. Cloud, Minn.
Simes Co., elec. & gas light fixtures, 22 W. 15th, New York.
Seminole Mfg. Co., cotton sheetings, Clearwater, S. C.
Simison, David D., buckwheat flour, Volant, Pa.
Simmen Automatic Railway Signal Co., 1575 Niagara, Buffalo, N. Y.
Simmang, Frank, mattresses, San Antonio, Tex.
Simmons, Aaron T., architect, Bloomington, Ill.
Simmons, B. Stanley, architect, 1340 N. Y. av, N. W., Washington, D. C.
Simmons, Benj. I., lbr., Charleston, S. C.
Simmons Co., bedstead mfrs., Kenosha, Wis.
Simmons Co., children's cradles, 1347 Michigan, Chicago, Ill.
Simmons, Dennis, Lbr. Co., Williamston., N. C.
Simmons Foundry & Mach. Wks., Monongahela, Pa.
Simmons, Francis A., architect, Corcoran Bldg., Washington D. C.
Simmons, H. C., steam & hot water heaters, North Bennington, Vt.
Simmons Hardware Co., 9th & Spruce, St. Louis, Mo.
Simmons, J. C., whol. hdwe., Ogden, Utah.
Simmons, J. T., masons' & bldrs.' matls., Greenwood, S. C.
Simmons, James H., lumber mfrs., Sherman, N. Y.
Simmons, Jno., Co., steam fitters', plumbers', mill & facty. supplies—jobbers, 110 Centre, New York.
SIMMONS MACHINE CO., INC., universal tool & cutter grinders, etc., 987 Broadway, Albany, N. Y.
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Simmons Mfg. Co., needles & pins, 77 & Lyons av, Phila., Pa.
Simmons, N., advtg. nov. & spec., 37 E. 12th, New York.
Simmons, Oren J., contrs., Marion, Ind.
Simmons, P. M., architect & contractor, 18 S. Market, Johnstown, N. Y.
Simmons Pipe Bending Wks., steam fitters' supplies, 40 Mechanic, Newark, N. J.
Simmons, R. L., Co., canned goods, Andrews, Md.
Simmons, S. G. & Bros. Co., lbr. mfrs., Front & Tatnall, Wilmington, Del.
Simmons, W. H., & Co., machsts., 208 Lawrence, Cincinnati, O.
Simmons Wood Working Co., Williamsport, Pa.
Simms, J. Clay, architect, 2643 Colerain av, Cincinnati, Ohio.
Simms Magneto Co., machsts., East Orange, N. J.
Simms, W. W., Co., sashes, doors & blinds, Wilson, N. C.
Simon, A., Iron Co., scrap iron, Lansing, Mich.
Simon August, machsts., Oil City, Pa.
Simon & Bassett, architects, 1112 Chestnut, Phila., Pa.
Simon's Brick Co., Pasadena, Cal.
Simon, Chas., machsts., 34 W. 13th, New York.
Simon, Emil J., wireless instruments, 50 church, New York.
Simon, Geo. (Est. of), mchsts. & fndrs., New Iberia, La.
Simon, J., & Co., cocoanut oil, 18 Broadway, New York.
Simon, Jno. W., mchsts. & fndrs., Hopewell, Pa.
Simon, Louis A., archt., office of supervising archt., Treasury Dept., Washington, D. C.
Simon, Omer, machsts., 4030 Filbert, Philadelphia, Pa.
Simon Packing Co., meat packers, Youngstown, Ohio.
Simon, R. & H., Co., silk goods mfrs., 254 4th av, New York, & Town of Union, N. J.
Simon, S. C., & Co., trunks, 404 Brown, Philadelphia, Pa.
Simonds, A. A., & Sons Co., machine knives, etc., Dayton, Ohio.
Simonds, E. H., metallurgical engrs., Crocker Bldg., San Francisco, Cal.
Simonds File Co., Fitchburg, Mass.
Simonds, G. L., & Co., boiler flue cleaners, indicators, etc., 230 S. La Salle, Chicago, Ill.
Simonds Htg. & Spec. Co., 90 Park pl, Detroit, Mich., & Grand Rapids, Mich.
Simonds Mfg. Co., machinists, Liberty & 25th, Pittsburgh, Pa.
Simonds Mfg. Co., saws of all kinds for wood & metal cutting, machine knives, files, sheet & bar steel, mfrs., Fitchburg, Mass. *See adv index at end of book.*
Simonds Mfg. Co., Ltd., mill & facty. supplies, 420 Canal; New Orleans, La.
Simonds Mfg. Co., mill & facty. supp., San Francisco, Cal.
Simonds, Warren J., architect, Marlboro, Mass.
Simonin's, C. F., Sons, degreasing, Tioga & Belgrade, Phila., Pa.
Simons Brick Co., Los Angeles, Cal.
Simons Bros., contractors, Scranton, Pa.
Simons Bros Co., thimbles, 618 chestnut, Philadelphia, Pa.
Simons & Co., trunks, 700 Arch, Philadelphia, Pa.
Simons, C. A., contr., Fort Scott, Kan.
Simons, Edgar P., architect, 814 R. I. av, N. W., Washington, D. C.
Simon's, F. A., Bros., fertilizer mfrs., Maud, Pa.
Simons-Leedle Co., hot air furnaces, Marshall, Mich.
Simon's, M., Sons, sash, door & blind, Robinson & Anderson, Pittsburgh, Pa.
Simons & Mayer, machsts., 143 Av. D., New York.
Simons, Mayrant, Co., contractors, Charleston, S. C.
Simons, T. B., Mercantile Co., Coleman, Mich.
Simons, V. D., mill engrs., 39 S. La Salle, Chicago, Ill.
Simonsen Iron Works, shears, hand power, Sioux Rapids, Iowa.
Simonson, B. Hustace, architect, 315 5th av, New York.
Simonson Bros. Mfg. Co., sash, door & blind, 1733 S. 7th, Minneapolis, Minn.
Simonson, J. T., & Co., mchsts. & fndrs., Muskegon, Mich.
Simonson, Otto G., architect, Md. Casualty Tower, Baltimore, Md.
Simonson, R. A., & Co., filing cabinets & devices, 122 S. Michigan av, Chicago, Ill.
Simpkins, Wm. H., contractor, 3005 Olive, St. Louis, Mo.
Simple Account Salesbook Co., Fremont, Ohio.
Simplex Aircraft Co., aeroplanes & Supplies, New Haven, Conn.
Simplex Auto. Co., machsts., 755 5th av, New York.
Simplex Automobile Co., New Brunswick, N. J.
Simplex Automobile Corp., 60 Broadway, New York.
Simplex Bed Mfg. Co., Kent, Wash.
Simplex Brooder Stove Co., Grand Rapids, Mich.
Simplex Chemical Co., soap, 31 W. Lake, Chicago, Ill.
Simplex Concrete Piling Co., 3400 Disston, Philadelphia, Pa.
Simplex Electric Heating Co., Cambridge, Mass.
Simplex Ejector Co., sewage ejectors, 1050 W. Randolph, Chicago, Ill.
Simplex Foundation Co., 3400 Disston, Philadelphia, Pa.
Simplex Fdy. Co., aluminum castings, Columbus, Ohio.
Simplex Heating Specialty Co., steam heat. spec., Lynchburg, Va.
Simplex Instruction Co., thermometers, 320 Market, Newark, N. J.
Simplex Interior Telephone Co., 217 W. 3d, Cincinnati, Ohio.
Simplex Letter Opener Co., 258 B'way, New York.
Simplex Machine Tool Co., Cleveland Nat. Bank Bldg., Cleveland, Ohio.
Simplex Magneto Co., Inc., elec. instruments & igniters, 1790 Broadway, New York.
Simplex Mfg. Co., automobile engine starters, Anderson, Ind.
Simplex Mfg. Co., electric tools, Newtonville, Mass.
Simplex Mfg. Co., leather washers, 10-12 Garden, Auburn, N. Y.
Simplex Mfg. Co., plumbing cocks, 90 Siliman av, Bridgeport, Conn.
Simplex Mfg. Co., roof flanges, 313 S. Clinton, Chicago, Ill.
Simplex Photo Products Co., arc lamps, searchlights, Richmond Hill, N. Y.
Simplex Player Action Co., Worcester, Mass.
Simplex Short-Turn Trailer Co., auto truck trailers, Auburn, Ind.
Simplex Time Recorder Co., time recorders, Gardner, Mass.
Simplex Tool Co., lathe chucks, Woonsocket, R. I.
Simplex Tractor Co., 1611 Central av, Minneapolis, Minn.
Simplex Typewriter Co., 644 1st av, New York.
Simplex Vacuum Mfg. Co., bottles, 1729 Philip, Phila., Pa.
SIMPLEX VALVE & METER CO., 110 W. Broad, Phila., Pa.
Simplex Window Co., 525 Market, San Francisco, Cal.
Simplex Wire & Cable Co., insulated wires & cable mfrs., 201 Devonshire, Boston, Mass.
Simpson, A. J., & Son Co., carriages, Omaha, Neb.
Simpson, A. W., architect, Upper Montclair, N. J.
Simpson, Albert J., cornices, 223 Clinton av, Newark, N. J.
Simpson, Alex. E., wire connectors, 152 E. 53d, New York.
Simpson Anchor Co., Niagara Falls, N. Y.
Simpson Bros, machinery, Portsmouth, Ohio.
Simpson Bros. Corp., contractors, 166 Devonshire, Boston, Mass.
Simpson Brush & Broom Co., 517 Mission, San Francisco, Cal.
Simpson C. A., whol. hdwe., Troy, Ala.
Simpson Cement Mold Co., Maple & West, Columbus, Ohio.
Simpson, Chas. W., & Co., contractors, 415 E. Lexington, Baltimore, Md.
Simpson, Clapp & Co., lbr., 42 Whitehall, New York.
Simpson Co., masons' & bldrs.' matls., Stoneharbor, N. J.
Simpson Construction Co., 133 W. Washington, Chicago, Ill.
Simpson, D., architect, Wabash Bldg., Pittsburgh, Pa.
Simpson & Doeller Co., label mfrs., 2800 Preston, Baltimore, Md.
Simpson, Eugene A., archl. iron, 88 Broad, Boston, Mass.
Simpson Foundry Co., Newark, Ohio.
Simpson Frank B., architect, Raleigh, N. C.
Simpson Garage & Machine Co., Newark, Ohio.
Simpson, Geo., naval architect, 17 Battery pl, New York.
Simpson Gray Lumber Co., Stockton, Cal.
Simpson, H. W., architect, Board of Trade Bldg., Norfolk, Va., & Newport News, Va., & Newbern, N. C.
Simpson, Hall, Miller & Co., table silverware, Wallingford, Conn.
Simpson, Horace G., archt., French Bank Bldg., San Fran., Cal.
Simpson, J. T., architect, Essex Bldg., Newark, N. J.
Simpson, Jas. C., & Co., lumber, Galesburg, Ill.
Simpson, Jno., architect, 430 48th, Brooklyn, New York.
Simpson, John, mach. & fdr., Fairbury, Neb.
Simpson, John & Co., contractors, 412 W. 6th, Los Angeles, Cal.
Simpson, John & Son, contractors, Sunbury, Pa.
Simpson Logging Co., lumber, Shelton, Wash.

Simpson Lbr. Co., 112 Market, San Francisco, Cal.
Simpson Mfg. Co., R. A., creamery spec., 4402 Market, Oakland, Cal.
Simpson & McClure Lumber Co., Galesburg, Ill.
Simpson Mercantile Equipment Co., machsts., Northville, Mich.
Simpson-Orville Co., flour mill machinery, Cincinnati, Ohio.
Simpson Packing Co., canned goods, Trappe, Md.
Simpson, Percy K., architect, Carthage, Mo.
Simpson-Pirnie Granite Co., San Diego, Cal.
Simpson, Ralph H., Co., structural steel & ornamental iron, Hearst Bldg., Chicago, Ill.
Simpson, Robert, tubular boilers, 220 Russell, Brooklyn, N. Y.
Simpson, Thos., brick, Columbia, Tenn.
Simpson, W. A. J., & Son, contractors, Gallatin, Tenn.
Simpson, Washington, archl. iron, 919 S. 46th, Phila., Pa.
Simpson, Wm., Construction Co., Marsh-Strong Bldg., Los Angeles, Cal.
Simpson, Wm. S., mason & bldrs.' mtls., Marion, Ind.
Simpson's Dry Dock Co., E. Boston, Mass.
Simpsonville Cotton Mills, fertz. mfrs., Simpsonville, S. C.
Simpsonville Oil Mill, cottonseed mead, Simpsonville, S. C.
Simpton, H. E., & Co., wall beds, 578 Monadnock Bldg., San Francisco, Cal.
Sims, Benj. G., contractor, Montclair, N. J.
Sims Cereal Co., cereal foods, 426 Central av, Minneapolis, Minn.
Sims Co., water heaters, 18th & Whitley, Erie, Pa.
Sims, H. C., coffins, caskets, etc., Richmond, Va.
Sims, L. H., contractor, 2555 Highland Pk. Drive, Salt Lake City, Utah.
Sims, Ray, archt., Grand Theatre Bldg., Columbus, Ohio.
Sinclair & Bessey, cornices & skylights, Sacramento, Cal.
Sinclair, Fred W., contractor, 1629 Winter, Philadelphia, Pa.
Sinclair Island Canning Co., Urban, Wash.
Sinclair Quarry & Const. Co., contrs., Syndicate Tr. Bldg., St. Louis, Mo.
Sinclair Refining Co., petroleum & its products, Conway Bldg., Chicago, Ill.
Sinclair Refining Co., oils & greases, Albany, N. Y.
Sinclair Riegler Co., contractors, 237 E. 41st, New York.
Sinclair, S. B., architect, Oskaloosa, Iowa.
Sinclair-Scott Co., hardware & machinery mfs., Baltimore, Md.
Sinclair, T. M., & Co., Ltd., meat packers, Cedar Rapids, Iowa.
Sinclair & Valentine Co., color mfrs., 611 W. 129th, New York.
Sinclaire, H. P., & Co., cut glassware, Corning, N. Y.
Sindle, H. S., felts-wood, Little Falls, N. J.
Siner, H. M. & C. B., brick, Nicetown la & K., Phila., Pa.
Singack Brick Co., Little Falls, N. J.
Singer, A. L., & Co., employees' uniforms, 367 W. Adams, Chicago, Ill.
Singer Bros., advtg. nov., 82 Bowery, New York.
Singer Co., fertilizer, Lumpkin, Ga.
Singer, F. O., Co., htg. boilers, 1212 N. Fremont, Baltimore, Md.
Singer Knitt'g Mills, sweaters, cardigans, etc., 251 Varet, Brooklyn, N. Y.
Singer Mfg. Co., iron rolling mills, Elizabeth, N. J.
Singer Motor Co., 102 West End av, New York.
Singer-Pentz Co., contractors, 600 Equitable Bldg., Balto., Md.
Singer Piano Co., 238 S. Wabash av, Chicago, Ill.
Singer Sewing Mach. Co., 149 Broadway, New York.
Single Center Buggy Co., Evansville, Ind.
Single Faucet & Flush Valve Co., 631 W. Jackson blvd., Chicago, Ill.
Single, Jno., Paper Co., Syracuse, N. Y.
Singletary Lumber Co., 1633 Mewin av, Cleveland, O.
Singleton, F. J., architect, Burk Burnett Bldg., Fort Worth, Tex.
Singmaster, J., & Co., masons' & bldrs.' matls., Macungie, Pa.
Sink, Wm., Canning Co., Brandon, Wis.
Sinker-Davis Co., mchsts. & fndrs., Indianapolis, Ind.
Sinn, Fred'k, scrap iron, Paterson, N. J.
Sinn, Geo. A., masons' & bldrs.' matls., 4430 Penn, Phila., Pa.
Sinnott Bros., contractors, Ottawa, Ill.
Sinnott, Peter, htg. contrs., 967 E. 165th, New York.
Sintes, Chas., contractor, New Orleans, La.
Sior, Heinrich, auto truck trailers, 245 Floyd, Brooklyn, N. Y.
Sioux Calendar & Nov. Co., advtg. nov., Sioux City, Iowa.
Sioux City Auto Top Co., Sioux City, Iowa.
Sioux City Brick & Tile Co., Sioux City, Iowa.
Sioux City Casket Co., Sioux City, Iowa.
Sioux City Engine & Machy. Co., Sioux City, Iowa.
Sioux City Iron Co., Sioux City, Iowa.
Sioux Falls Metal Culv. Co., Sioux Falls, S. D.
Sioux Falls Pressed Brick Co., Sioux Falls, S. D.
Sipe, Jas. B., & Co., oils, paints & varnishes, Bessemer Bldg., Pittsburgh, Pa.
Siple Geo. H., & Co., masons' & bldrs.' matls., Otsego, Mich.
Sipp Mach. Co., Paterson, N. J.
Sippel, Theo. A., sand blast machs., 205 McWhorter, Newark, N. J.
Sipps, Geo. L., contractor, 912 Locust, Philadelphia, Pa.
Sipsey Valley Oil & Fertilizer Works, Fayette, Ala.
Sirch Laboratories & Elec'l. Mfg. Co., rectifiers, Los Angeles, Cal.
Sireno Co., auto. horns, 20 Rose, New York.
Siro Carburetor Mfg. Co., machsts. & fndrs., Northampton, Mass.
Sirrine, J. E., architect & mill engineer, Greenville, S. C.
Sisk B. M. Co., advtg. novelties, Montgomery City, Mo.
Sisk, R. J., Mfg. Co., size, New London, Conn.
Sisman, Andrew C., Co., contrs., 387 Beaufait av, Detroit, Mich.
Sisson, Hugh, & Sons, marble producers, 21 N. Liberty, Baltimore, Md.
Sisson, J. H., canned goods, Nace, Va.
Sisson Marble Co., W. 23d & B. & O., Baltimore, Md.
Sisson & Smalley, cornices, Cuba, N. Y.
Sistare, F. B., & Son, contractors, New Bedford, Mass.
Sites & Buell, stone producers, Denver, Colo.
Sites, C. P., architect, Southwestern Life Bldg., Dallas, Tex.
Sitler, C. E., architect, Berwick, Pa.
Sitler, Harry, brass fndrs., Allentown, Pa.
Sitterding-Carneal-Davis Co., masons' & bldrs.' matls., 1601 W. Leigh, Richmond, Va.
Sittler, Peter, machsts., Eckert, Pa.
Sittmann G., & Sons, machsts. & fndrs., 105 Liberty, Brooklyn, N. Y.
Siver, M. L., & Co., lumber mfrs., Sidney, N. Y.
Sivyer Steel Casting Co., motor truck, tracto & gen. mchy. castings, 37th av, Milwaukee, Wis.
Sizer, A., & Co., canned goods, Buchanan, Va.
Sizer Forge Co., anxles, blooms, shaftings, etc., 238 Larkin, Buffalo, N. Y.
Sizer, Robert R., & Co., lbr., 15 William, New York.
S. & J. Co., hdwe. mfrs., auto. machy. & screw mach. products, Springfield, Mass.
Sjeffield Co., mill & facty. supplies, Americus, Ga.
Sjoberg Bros., flour, Badger, Minn.
Sjostrom, John E., Co., bank, office & store fixtures, 923 Columbia, Philadelphia, Pa.
Skafgaard, A., contractor, 1656 Keystone av, Chicago, Ill.
Skagit Commission Co., masons' & bldrs.' matls., Sedro Woolley, Wash.
Skagit Mill Co., lumber, Lyman, Wash.
Skagit Valley Fruit Growers' Assn., canned goods, Burlington, Wash.
Skahen Steel Co., steel burial vaults, Syracuse, N. Y.
Skandia Coal & Lbr. Co., masons' & bldrs.' matls., Rockford, Ill.
Skandia Pacific Oil Engine Co., marine & stationary engines, East Oakland, Cal.
Skaneateles Boat & Canoe Co., Skaneateles, N. Y.
Skaneateles Paper Co., Skaneateles, N. Y.
Skannel, Elbert, htg. contrs., 259 W. 126th, New York.
Skat Co., soap, Hartford, Conn.
Skeel, Albert E., architect, Avenue Bldg., Cleveland, O.
Skeel Bros Co., contractors, 8311 Euclid av, Cleveland, O.
Skeel, Frank D., architect, Vickers Bldg., Cleveland, Ohio.
Skehan, W. J., & Co., machsts. & fndrs., Augusta, Me.
Skelly Bracket Co., portables, 1265 W. 2nd, Cleveland, Ohio.
Skelly, Thos. P., Bolt Co., 24th & Carlton, Philadelphia, Pa.
Skelton, Fred'k, contractor, tents, 200 5th av, New York
Skelton & Owens, contrs., Greenville, S. C.
Skevington, H., & Co., tex. machy. (singeing machines), 1610 N. Philip, Philadelphia, Pa.
S. K. F. Ball Bearing Co., 5 Nassau, New York.
S. K. F. Ball Bearing Co., ball bearings & shaft hangers mfrs., Hartford, Conn.
Skidd, Chas., Mfg., Co., milk coolers, metal spinning, Kenosha, Wis.
Skidmore, Chas., sash, door & blind mfr., Riverhead, N. Y.
Skidmore, Geo. H., architect, Riverhead, N. Y.
Skidmore, Harry, architect, Hearst Bldg., San Francisco, Cal.
Skidmore, Wm., Sons & Co., lumber, Cutin, Ore.
Skiff, J. H., architect, McPherson, Kans.
Skillen-Goodin Glass Co., Yorktown, Ind.
Skillin & Richards Mfg. Co., power transmission machinery, 4520 Cortland, Chicago, Ill.
Skilling, C. F., architect, 740 S. B'way, Los Angeles, Cal.
Skilling, Julius P., spools, Bethel, Me.
Skillings, Warren, architect, Garden City Bk. Bldg., San Jose, Cal.
Skillings, Whitney & Barnes Lumber Co., Ogdensburg, N. Y.
Skillman, A. A., canned goods, Belcamp, Md.
Skillman Hdwe. Mfg. Co., Trenton, N. J.
Skinker & Garrett, contractors, 1416 F, N. W., Washington, D. C.
Skinner, A. M., architect, Roth Bldg., Watertown, N. Y.
Skinner & Arnold, machinists, Albany, N. Y.
Skinner Bros., diamond, turn'g, etc., tools, 430 Kent av, Brooklyn, N. Y.
Skinner Bros. Mfg. Co., blow pipes, blowers, exhausters, fans, etc., 10th & Tyler, St. Louis, Mo.
Skinner, C. E. & J. F., roll coverers, Valley Falls, R. I.
Skinner Chuck Co., New Britain, Conn.
Skinner & Connolly, machsts., Yonkers, N. Y.
Skinner, C. W., fertilizer, Waynesboro, Ga.
Skinner Douglas Paint Co., 610 B'way, Kansas City, Mo.
Skinner, E. W., cornices, Warren, Ohio.
Skinner & Eddy Corp., shipbuilders, Seattle, Wash.
Skinner Engine Co., Erie, Pa.
Skinner, Ernst M., Co., organs, 215 Sydney, Boston, Mass.
Skinner, H. J., contractor, Eagle Bldg., Spokane, Wash.
Skinner, J. M., Bending Co., Toledo, Ohio.
Skinner & Kennedy Stationery Co., loose leaf devices, 416 N. 4th, St. Louis, Mo.
Skinner, L. B., Mfg. Co., machsts., brass & composition fndrs., Dunedin, Fla.
Skinner & Leary Co., machsts., 19 Commercial, Newark, N. J.

Skinner, Louis H., dry docks, Wilmington, N. C.
Skinner Lbr. Co., Barton Landing, Vt.
Skinner, M. B. G., Co., mill & facty. supplies, 562 W. Washington, Chicago, Ill.
Skinner & Oyston, wholesale hdwe., Little Falls, N. Y.
Skinner, Theodore H., architect, Kenwood, N. Y.
Skinner, W., & Son, glassware cut, Hammonton, N. J.
Skinner & Walker, architects, 1188 Main, Bridgeport, Conn.
Skipton, Valentine, Co., lubrg. oils, 221 Arch, Philadelphia, Pa.
Skirving, J. S., contractor, San Antonio, Tex.
Sklar, J., Mfg. Co., surgical & dental insts., 133 Floyd, Brooklyn, N. Y.
Skobis Co., machsts., 951 30th, Milwaukee, Wis.
Skoglund, Aug. H., contractor, 179 W. Washington, Chicago, Ill.
Skoglund, Emil G., stone, 4920 N. Clark, Chicago, Ill.
Skoglund, Eric, stone producers, 5555 N. Lincoln av, Chicago, Ill.
Skoog, G. A., architect, Mahoning Bk. Bldg., Youngstown, Ohio.
Skow Mfg. Co., lumber, Newton, Ia.
Skowhegan Fdy. & Mach. Wks., Skowhegan, Me.
Skowhegan Pulp Co., Skowhegan, Me.
Skowronski, W. J., sash, door & blind mfr., 8201 Colfax av, Chicago, Ill.
Skrainka Const. Co., contrs., Security Bldg., St. Louis, Mo.
S. K. & S. Co., farm tractors, El Paso, Ill.
Skuse Cooperage, Rochester, N. Y.
Skvarla, John, contractor, Passaic, N. J.
Slack, Ben. F., Brass Mfg. Co., Denver, Colo.
Slack, Frank A., architect, Beloit, Kans.
Slack-Horner Brass Mfg. Co., Denver, Colo.
Slack, James W., mill & facty. supplies, Fall River, Mass.
Slack Mfg. Co., machsts., Springfield, Vt.
Slack, P. S., architect, Latrobe, Pa.
Slack, S. Alex., auger bits, Oxford, Pa.
Slack, Wm. H., architect, 210 Barrett, Syracuse, N. Y.
Slack, Wm. W., architect, American Mechanics' Bldg., Trenton, N. J.
Slacum, G. G., canned goods, Wingate, Md.
Slade Elev. Co., 1565 Park av, New York.
Slade, S. E., Lumber Co., 112 Market, San Francisco, Cal.
Sladen, Geo. E., & Co., contractors, 1223 Clover, Phila., Pa.
Slagel, C. W., & Son, canned goods, Davenport, Nebr.
Slaight, E. E., & Co., canned goods, Seaford, Va.
Slake Spec. Co., boiler tees, Rock Island, Ill.
Slakin, H. A., contrs., Elizabeth, N. J.
Slane, O. W., Glass Co., glass mirrors, store fronts, windshields, etc., York, Pa.
Slasor & Ginty, contrs., New Philadelphia, Ohio.
Slate River Milling Co., flour, Slate River Mills, Va.
Slater Construction Co., sash, door & blind, Pontiac, Mich.
Slater, Forest E., architect, Berwick, Me.
Slater, Frank, architect, New Britain, Conn.
Slater, Howard P., architect, Port Chester, N. Y.
Slater, Jas. H., & Son, contractors, Poughkeepsie, N. Y.
Slater, John L., architect, La Grande, Ore.
Slater Mfg. Co., cotton sheetings, etc., Pawtucket, R. I.
Slater-Marsden-Whittenmore Co., punching & shearing mchy., Beloit, Wis.
Slater, Robt., felt mills, Pompton Lakes, N. J.
Slater, S., & Sons, woolen carriage cloth, Webster, Mass.
Slater, W. A., Mills, cotton thread, Jewett City, Conn.
Slater, W., Co., contractors, 2314 Sta. Fe, Los Angeles, Cal.
Slate's, Geo., Sons, belting mfrs., Williamsport, Pa.
Slatington-Bangor Slate Syndicate, Slatington, Pa.
Slatington Fdry. Mach. & Boiler Wks., Slatington, Pa.
Slatington Iron & Steel Co., Slatington, Pa.
Slatington Slate Co., Slatington, Pa.
Slatmyer, Henry G., & Son Constr. Co., 203 Lakeside av, N. W., Cleveland, Ohio.
Slattery, Austin, contrs., West Ellis, Wis.
Slattery & Henry, contrs., Greenville, S. C.
Slattery, J. B., & Bros., gas stoves, 108 Lawrence, Brooklyn, N. Y.
Slaughter, G. W. & A. J., brick, Murray, Ky.
Slaughter, Wm., curling irons, 1712 S. Michigan av, Chicago, Ill.
Slavik & Co., cornices, 1500 Blue Island av, Chicago, Ill.
Slavik, Frank, cornices, 3025 W. Van Buren, Chicago, Ill.
Slawson, A. F., cornices & skylights, De Soto, Mo.
Slaymaker Lock Mfg. Corp., lock mfrs., Lancaster, Pa.
Slaymaker, S. E., & Co., lbr., 200 5th av, New York
Slaysman & Co., machsts., cor. Pratt & President, Baltimore, Md.
Slayter, Chas. Keeler, architect, 40 E. 53d, New York.
Slazenger, Frank L., golf balls, tennis racquet mfrs., 12 E. 43d, New York.
Sleden Motor Vehicle Co., Rochester, N. Y.
Sledge & Barkley Co., mill & facty. supplies, Lawrenceville, Va.
Slee & Bryson, architects, 165 Monague, Brooklyn, N. Y.
Sleep Well Mattress Co., Los Angeles, Cal.
Sleeper, B. R., rakes—garden or lawn—etc., Sunapee, N. H.
Sleeper Bros., cornices & skylights, Rockland, Me.
Sleeper Co., igniters, gas & gasoline engines, Fowler, Ind.
Sleeper & Hartley, Inc., wire spring coiling machy., 68 Prescott, Worcester, Mass. *See adv index at end of book*
Sleeper, W. P., granite, South Thomaston, Me.
Sleight, Chas. E., architect, Romaine Bldg., Paterson, N. J.
Sleight Metallic Ink Co., 5907 Market, Philadelphia, Pa.
Slems-Carey Co., contractors, German Life Bldg., St. Paul, Minn.
Slessman & Sons, canned goods, Clyde, Ohio.
Slick, F. E., contractor, Richmond, Ind.
Slidell Brick & Lumber Co. (Ltd.), ties, poles, New Orleans, La.
Slidell Dry Dock & Shipbuilding Co., Slidell, La.
Slider, E. T., masons' & bldrs.' matls., New Albany, Ind.
Slifer Packing Co., meat packers, Hamilton, Ohio.
Sligo Furnace Co., Syndicate Trust Bldg., St. Louis, Mo.
Sligo Iron Store Co., 6th & O'Fallon, St. Louis, Mo.
Sliney, John T., contractor, Branford, Conn.
Slinn, H. H., machsts., Chillicothe, Ill.
Slipno Co., belt dressing, 40 Clifton, Newark, N. J.
Slipper City Wool Heel Co., Haverhill, Mass.
Sloan & Chace Mfg. Co., Ltd., machsts., 351 6th av, Newark, N. J.
Sloan, Clifton B., architect, 321 E. 11th, Kansas City, Mo.
Sloan & Company, contr., masons' & bldrs.' matls., Chattanooga, Tenn.
Sloan Engineering Co., posts, 246 Hall, Brooklyn, N. Y.
Sloan, Frank B., & Co., sash, pulley mfrs., Baltimore, Md.
Sloan, J. J., architect, Marion, Ohio.
Sloan & Kilgour, architects, 1182 B'way, New York.
Sloan Lumber Co., 414 Light, Baltimore, Md.
Sloan Nov. Mfg. Co., patterns & models, S. W. cor. 20th & Wyandotte, Kansas City, Mo.
Sloan, Samuel, & Co., plumbers' supplies, jobbers, Rochester, N. Y.
Sloan Shipyards Corps., Seattle, Wash.
Sloan Valve Co., 617 W. Jackson blvd, Chicago, Ill.
Sloan, W. G., architect, Greensburg, Pa.
Sloane & Moller, interior hardwood wk., 316 E. 65th, New York.
Slocomb, F. F., & Co., leather working machinery & pneumatic tools, Wilmington, Del.
Slocomb, Harry A., architect, 511 Westminster, Providence, R. I.
Slocomb, J. T., Co., machine tool mfrs., 35 Oxford, Providence, R. I.
Sloctemyer, Edward, architect, Lincoln Inn Court, Cincinnati, O.
Slocum, Avram & Slocum Laboratories, Inc., efficiency time recorders, 531 W. 21st, New York.
Slocum & Gifford, architects, 101 Park av, New York.
Slocum & Kilburn, mill & facty. supplies, 23 No. Water, New Bedford, Mass.
Slocum, Wm. H., Co., machsts., Pawtucket, R. I.
Sloss, Sheffield Steel & Iron Co., Birmingham, Ala.
Sloss, Wm. J., & Son, masons' & bldrs.' matls., Big Rapids, Mich.
Slovinec, Jno., architect, 4731 S. Ashland av, Chicago, Ill.
Slusky, David, & Son, cornices & skylights, Augusta, Ga.
Slusser-McLean Scraper Co., road scrapers, Sidney, Ohio.
Slutter, L. L., lumber, Bartonsville, Pa.
Sluyter, R. E., architect, Herkimer, N. Y.
Sly, L. H., contractor, 57 Post, San Francisco, Cal.
Sly, W. W., Mfg. Co., foundry equipment, 4700 Train av, Cleveland, Ohio.
Slyder, J. D. & I., lumber, New Lebanon, Ohio.
Smale Bros., architects, Northern B. & T. Bldg., Seattle, Wash.
Small, Alvin E., architect, Madison, Wis.
Small Bros., cotton bandings, laces, tapes, etc., Fall River, Mass.
Small, F., & Son, cornices, Moravia, N. Y.
Small, Franklin M., architect, 265 Broadway, New York.
Small, P. A. & S. Co., masons' & bldrs.' matls, whol. hdwe, & mill, facty. & plumbers' supplies, York, Pa.
Small, R. B., Co., brick & sewer pipe, Columbus, Ga.
Small, Simon, & Sons Co., contractors, Mansfield, Ohio.
Small, W. E., machinist, Los Angeles, Cal.
Small, W. E., Spoke Mfg. Co., Cornith, Miss.
Small, W. H., & Son, contrs., Aitkin, Minn.
Smallbone Mfg. Co., machsts., 1821 Berteau, Chicago, Ill.
Smalley-General Co., machsts., Bay City, Mich.
Smalley, H. C., Granite Co., Quincy, Mass.
Smalley, Hobbs & Hunter, granite, Rochester, N. H.
Smalley Mfg. Co., agricultural implements, machsts. & fndrs., Manitowoc, Wis.
Smalley Stone Co., Plainfield, N. J.
Smallman-Brice Construction Co., contractors, Am. Trust Bldg., Birmingham, Ala.
Smallwood Co., contractors, Chattanooga, Tenn.
Smallwood, Robert F., architect, 569 5th av, New York.
Smallwood, W. R., Mfg. Co., machsts., Gowanda, N. Y.
Smart, A. J., Mfg. Co. (see Greenfield Tap & Die Corporation), Greenfield, Mass.
Smart, C. E. & H. P., sash, door & blind mfrs., Center Ossipie, Center Ossipie, N. H.
Smart, George B., & Co., mill & factory supplies & cornices, Lawrence, Mass.
Smead Mfg. Co., envelopes, Hastings, Minn.
Smeallie & Voorhees, lining paper, Amsterdam, N. Y.
Smedley & Hoopes, contrs., West Chester, Pa.
Smedley & Mehl, masons' & bldrs.' matls., Ardmore, Pa.
Smedley Pump Co., Dubuque, Ia.
Smedley, Walter, architect, Stephen Gerard Bldg., Phila., Pa.
Smeed Box Co., packing box mfrs., 1878 Scranton rd, Cleveland, Ohio.

Smeeth-Hardwood Co., fndrs., 2401 W. 22d, Chicago, Ill.
Smethport Extract Co., Exchange Bldg., Boston, Mass.
Smethport Glass Co., Smethport, Pa.
Smidth, F. L., & Co., cement machy., etc., 50 Church, New York.
Smiley, Albert F., contractor, Pawtucket, R. I.
Smiley, F. L., & Son, canned goods, Roanoke, Va.
Smiley, J. L., & Co., canned goods, Blaine, Wash.
Smiley, J. W., canned goods, Buchanan, Va.
Smilie, Edw. S., landscape architect, 394 Central, Newton, Mass.
Smillie, C. M., & Co., damper regulators, 130 E. Larned, Detroit, Mich.
Smith, A. A., machsts. & fndrs., Leominster, Mass.
Smith, A. A., Cotton Products Co., cottonseed linters, Atlanta, Ga.
Smith, A. B., Chemical Co., Buffalo, N. Y.
Smith, A. B., Lumber Co., ties, poles & posts, Old Colony Bldg., Chicago, Ill., & Paducah, Ky.
Smith, A., & Co., cornices, Cambridge, Mass.
Smith, A. E., contractor, Fair Haven, N. J.
Smith, A. F., architect, 1029 Penn, Reading, Pa.
Smith, A. F., Co., brick, New Brighton, Pa.
Smith, A. H., masons' & bldrs.' matls., Paterson, N. J.
Smith, A. J., contractor, Cedar Rapids, Ia.
Smith, A. J., Mfg. Co., shooting galleries, 3247 W. Van Buren, Chicago, Ill.
Smith, A. L., architect, 228 S. Hennessy, New Orleans, La.
Smith, A. L., Iron Works, archtl. & ornamental iron work, Chelsea, Mass.
Smith, A. M., stone producer, Findlay, Ohio.
Smith, A. O., Co., automobile bldrs., 27th & Keefe av, Milwaukee, Wis.
Smith, A. P., Mfg. Co., machsts. & fndrs., motors, valves, East Orange, N. J.
Smith, A., & Son, tubular boilers, 685 11th av, New York.
Smith, A. W., architect, 1004 B'way, Oakland, Cal.
Smith, A. W., Co., architects, Keenan Bldg., Pittsburgh, Pa.
Smith & Abbott Co., mill, plumbers' & steamfitters' supplies, Portland, Me.
Smith, Abe, mill, facty. & plumbers' supplies, jobbers, Paterson, N. J.
Smith Agricultural Chemical Co., fertilizer mfrs., Columbus, O.
Smith, Albert, contractor, Roachdale, Ind.
Smith, Albert C., & Co., steamfitters' supplies, Newburgh, N. Y.
Smith, Alfred, iron oxides, china clays & sulphuret of antimony, 98 Maiden Lane, New York.
Smith, Alfred H., archit., Board of Trade Bldg., Portland, Ore.
Smith-Alsop Paint & Varnish Co., Terre Haute, Ind.
Smith, Andrew J., Construction Co., Campau Bldg., Detroit, Mich.
Smith, Andrew J., & Sons, contractors, Port Huron, Mich.
Smith & Anthony Co., steam htrs., 52 Union, Boston, Mass.
Smith, Arthur F., Co., contrs. tents, etc., 261 Canal, New York.
Smith, Arthur L., & Co., contractors, Woodward Bldg., Washington, D. C.
Smith, Arthur T., architect, 1200 Chestnut, Philadelphia, Pa.
Smith, Aruth H., architect, Rutland, Vt.
Smith, Asa, & Son, contractors, Easton, Pa.
Smith, B. E., contractor, 633 E. 7th, Salt Lake City, Utah.
Smith, Barnes & Strohber Co., pianos, 1872 Clybourn av, Chicago, Ill.
Smith & Bassette, architects, 36 Pearl, Hartford, Conn.
Smith & Bell, lbr., Decatur, Ind.
Smith, Benjamin, mach. & fdr., Shenandoah, Ia.
Smith, Benj. F., Co., dye tubs & woodtanks contr., Pawtucket, R. I.
Smith-Booth-Usher Co., mill & facty. supplies, 228 S. Central av, Los Angeles, Cal.
Smith, Bowen B., architect, 104 W. 42nd, New York.
Smith Box & Lbr. Co., Manchester, N. H.
Smith & Brennan Pile Co., Main & Angelica, St. Louis, Mo.
Smith Brick Co., Omaha, Neb.
Smith Bros., architects, Rockefeller Bldg., Cleveland, Ohio.
Smith Bros. & Bryan, felt mattresses, Philadelphia, Pa.
Smith Bros., mattresses, Ogden, Utah.
Smith Bros. & Co., fertilizer, Bartow, Ga.
Smith Bros. Hardware Co., 38 W. Chestnut, Cleveland & Columbus, Ohio.
Smith & Brown Co., contractors, 128 N. La Salle, Chicago, Ill.
Smith, Burkley & Billingslea, canned goods, Taylor's Bridge, Del.
Smith, C. A., architect, Salina, Kans.
Smith, C. C., canned goods, Airville, Pa.
Smith, C. C., contrs., Midland Bldg., Kansas City, Mo.
Smith, C. C., Boat & Engine Co., ship bldrs., Algonac, Mich.
Smith, C. D., & Son, contractors, Oak Park, Ill.
Smith, C. G., Artesian Well Co., tube well strainers, 132 High, Boston, Mass.
Smith, C. H., architect, Rookery Bldg, Spokane, Wash.
Smith, C. H., & Co., machsts., Springfield, Mass.
Smith, C. R., masons' & bldrs.' matls., Niles, Mich.
Smith, C. S., contractor, center & Graham, Pittsburgh, Pa.
Smith, C. W., architect, 1802 Acklen av, Nashville, Tenn.
Smith, C. W., Copper Wks., 16 Washington, San Francisco, Cal.
Smith & Caffrey Co., iron foundry, Syracuse, N. Y.
Smith Cannery Machine Co., Seattle, Wash.
Smith-Carothers Lbr. Co., Memphis, Tenn.
Smith Carriage Co., Springfield, Mass.
Smith & Carrier, architects, Asheville, N. C.
Smith & Carter, architects, 21 Dexter av, Montgomery, Ala.
Smith, Chas., architect, 411 Walnut, Philadelphia, Pa.
Smith, Chas. C., tags—index, Exeter, Neb.
Smith, Chas., Co., fndrs., 57 W. Lake, Chicago, Ill.
Smith, Chas. H., architect, 124 Grove, Plainfield, N. J.
Smith, Chas. J., contrs., Union Bldg., Syracuse, N. Y.
Smith, Chas. J., & Co., whol. hdwe., 130 Worth, New York.
Smith, Chas. K., & Co., lubrg. oils, 123 Arch, Philadelphia, Pa.
Smith, Chas. O., contractor, Mahanoy City, Pa.
Smith, Chas., & Son, contrs., 4215 Haverford av, Phil., Pa.
Smith, Christian, Corp., 220 W. 42nd, New York.
Smith, Cicero, Lumber Co., Fort Worth, Tex.
Smith, Clarence L., Co., masons' & bldrs.' matls.—contr., 30th & 11th av, New York.
Smith, Clarence W., architect, Asbury Park, N. J.
Smith, Claude, Co., brick kilns contractors, 417 S. Dearborn, Chicago, Ill.
Smith Contr. Co., Amesbury, Mass.
Smith-Courtney Co., machinery dealers, Richmond, Va.
Smith & Crosby, collar button, Attleboro, Mass.
Smith, D. B., & Co., agricultural implement, Utica, N. Y.
Smith, D. B., & Sons Co., cotton duck, Pine Meadow, Conn.
Smith, D. E., masons' & bldrs.' matls., Milford, Conn.
Smith & Daudt, machsts., Jersey City, N. J.
Smith & Davis Mfg. Co., spring beds, hospital furn., etc., 20th & Locust, St. Louis, Mo.
Smith & Des Champs, contractors, Hartford, Conn.
Smith & Dodge, bldg. contrs., Portland, Ore.
Smith & Dove Mfg. Co., cordage & twine mfrs., Andover, Mass.
Smith Drill & Machy. Co., Chattanooga, Tenn.
Smith, Drum & Co., textile machy., Allegheny av & 5th, Phila., Pa.
Smith-Du Plain & Crumb Co., lbr. mfrs., Rockford, Ill.
Smith & Duckworth, sashes, doors & blinds, Crawfordsville, Ind.
Smith, E. A., compounds, lubrg. oils, soap, etc., Hamilton, Ohio.
Smith, E. A., & A. T., asphalt contrs., Lowell, Mass.
Smith, E. Baldwin, architect, Nyack, N. Y.
Smith, E. C., pack'g box mfrs., 420 Oakland, Brooklyn, N. Y.
Smith, E. C., Mfg. Co., bath room fix., 120 N. Unoin av, Chicago, Ill.
Smith, E. E., Co., sash, door & blind mfrs., 136 Rhodes, Providence, R. I.
Smith, E. F., & Son, button mfrs., Union City, Conn.
Smith, E. G., calipers, etc., 315 N. Park av, Tampa, Fla.
Smith, E. H. H., Silver Co., Bridgeport, Conn.
Smith, E. J., & Sons, brick, North English, Ia.
Smith, E. L., & Co., granite, Barre, Vt.
Smith, E. M., & Co., machsts., Peoria, Ill.
Smith, E. M., Co., mill & facty. supplies, 618 Clarence, Los Angeles, Cal.
Smith, E. R., meat packers, 2624 Montgomery, St. Louis, Mo.
Smith, Edgar M., contractors, Leominster, Mass.
Smith, Edward C., architect, 39 Market, Poughkeepsie, N. Y.
Smith, Edw., & Co., varnish mfrs., 127 West av, Long Island City, N. Y.
Smith, Edward E., architect, Williamson Bldg., Cleveland, Ohio.
Smith, Edw. F., archl. iron, New Haven, Conn.
Smith, Edw. J., brick, Albany, N. Y.
Smith, Edw., Packing Co., meat, 247 Lewis, Buffalo, N. Y.
Smith, Edwin, masons' & bldrs.' matls., Atlantic City, N. J.
Smith, Edwin A., & Son, masons' & bldrs.' matls., 1017 Frankford av, Philadelphia, Pa.
Smith & Egge Mfg. Co., hdwe. mfrs., Bridgeport, Conn., & 258 Broadway, New York.
Smith-Eggers Co., carriage, Court, bet. B'way & Sycamore, Cincinnati, Ohio.
Smith Elec. Fixture Co., Charlotte, N. C.
Smith Elevator Co., 80 Terrace, Buffalo, N. Y.
Smith, Ellsworth E., contractor, Atlantic City, N. J.
Smith, Elmer D., & Co., fertilizer, Adrian, Mich.
Smith, Emery, & Co., testing laboratories, 651 Howard, San Francisco, Cal.
Smith Engineering Works, rock crushers, etc., 1154 32d, Milwaukee, Wis.
Smith, Enoch, contractor, Kearns Bldg., Salt Lake City, Utah.
Smith-Ervin & Co., rims & felloes, York, Pa.
Smith, F. A., Mfg. Co., auto. lamps, gas mantles, burners, etc., Rochester, N. Y.
Smith, F. G., piano cases, 744 Fulton, Brooklyn, N. Y.
Smith, F. G. C., architect, Greenwich, Conn.
Smith, F. H., Mfg. Co., machsts., 3047 Carroll av, Chicago, Ill.
Smith, F. I., canned goods, Madison, Ind.
Smith, F. L., machinist, Fayette, Ohio.
Smith, F. L., & Co., architects, 7033 Hermitage, Pittsburgh, Pa.
Smith, F. L., Sons, sashes, doors & blinds, Clarkeville, Tenn.
Smith, F. M., architect, Fostoria, Ohio.
Smith, F. M., & Son, cornices & skylights, Fremont, Neb.
Smith, F. N., masons' & bldrs.' matls., Pontiac, Ill.
Smith, F. P., & Co., belt fasteners, wire goods, etc., Sharon Hill, Pa.
Smith, F. P., Wire & Iron Works, 2340-48 Clybourn av, Chicago, Ill. *See adv index at end of book*
Smith, F. V., Inc., contractor, Lafayette av & Westchester creek, New York.

Smith, F. W., canned goods, Belcamp, Md.
Smith, F. Patterson, archit., 67 Milk, Boston, Mass.
Smith Facing & Supply Co., foundry facings, Carter rd, Cleveland, Ohio.
Smith, Fasset & Co., lumber mfrs., North Tonawanda, N. Y.
Smith Fence & Iron Co., Waynesboro, Pa.
Smith Fdry. Co., castings, Twiners Fall, Mass.
Smith, Frank, contractor, Augusta, Me.
Smith, Frank, Co., masons' & bldrs'. matls., Lancaster, N. H.
Smith, Frank F., Metal Window Hdwe. Co., 81 Clay, Newark, N. J.
Smith, Frank S., contractor, Waukesha, Wis.
Smith, Frederick G. C., architect, Greenwich, N. Y.
Smith, Freeborn G., pianos, 774 Fulton, Brooklyn, N. Y.
Smith & Furbush Mach. Co., textile machy., supplies, etc., Hancock & Somerset, Philadelphia, Pa.
Smith, G. B. R., Milling Co., flour, Sherman, Tex.
Smith, G. J., Commercial Co., brick, Canton, Miss.
Smith, G. L., brick, Canton, Miss.
Smith, G. L., & Co., hdwe. mfrs., 50 Spring, Newark, N. J.
Smith, G., & Son, mill & facty. supplies, 251 W. 28th, New York.
Smith, G. Tandy, Jr., architect, Clarksville, Tenn.
Smith, G. W., contractor, Fair Haven, N. J.
Smith, G. W., blue prints & papers, 915 Arch. Phila., Pa.
Smith, G. W., & Son, hockey sticks & fish net hoops, Canterbury, Conn.
Smith Gas Power Engng. Co., gas producers, Lexington, Richland Co., Ohio.
Smith, Geo. B., machsts. & fndrs., Randolph, Wis
Smith, Geo. E., cotton, woolen & worsted machy., Cohoes, N. Y.
Smith, Geo. H., architect, Colonial Arcade, Cleveland, Ohio.
Smith, Geo. H., Heating Co., 1109 Downer av, Milwaukee, Wis.
Smith, Geo. H., Steel Casting Co., 500 Clinton, Milwaukee, Wis.
Smith, Geo., Jr., contractor, Kearney, N. J.
Smith, Geo. L., architect, 45 Bromfield, Boston, Mass.
Smith, Geo. L., Co., cornices, 108 E. Main, Louisville, Ky.
Smith, Geo. P., Co., sashes, doors & blinds, Charles City, Ia.
Smith Granite Co., Quincy, Mass., & Westerly, R. I.
Smith, Grant & Co., contractors, Seattle & Spokane, Wash.
Smith, Grant & Co. & Locher, contractors, Rome, N. Y.
Smith & Grater, masons' & bldrs.' matls., Rock Falls, Ill.
Smith Green Co., contrs., 25 Foster, Worcester, Mass.
Smith & Griffiths, architects, Gerlinger Bldg., Portland, Ore.
Smith & Griggs Mfg. Co., machsts. & fndrs., Waterbury, Conn.
Smith & Guest, heating contrs., Atlanta, Ga.
Smith, Gus A., contrs., Bedford, Ind.
Smith, Gustavus L., architect, Taunton, Mass.
Smith, H. A., & Co., sashes, doors & blinds, Dublin, Texas.
Smith, H. A., Machy. Co., 501 East Water, Syracuse, N. Y.
Smith, H. B., architect, Stonington, Me.
Smith, H. B., & Co., dowels, Hanover, Me.
Smith, H. B., & Co., hdwe. mfrs. (carriage), tools—pincers, wrenches, etc., Plantsville, Conn.
Smith, H. B., Mach. Co., machsts. & fndrs., Smithville, N. J.
Smith, H. D., & Co., screw drivers, Plantsville, Conn.
Smith, H. D., Co., steam heating apparatus, boilers, radiators, mfrs., Westfield, Mass.
Smith, H. E., architect, Old Nat'l Bank Bldg., Spokane, Wash.
Smith, H. J., & Sons, glass stainers, 236 S. 8th, Philadelphia, Pa.
Smith, H. Lund, trunk racks & auto. turntables, Paterson, N. J.
Smith, H. P., & Co., stone producers, 23 Haverhill, Boston, Mass.
Smith, H. W., machsts. & fndrs., Anna, Ill.
Smith-Hardican Co., contractors, 1606 Cherry, Philadelphia, Pa.
Smith Hardware & Mfg. Co., wire stretchers, De Kalb, Ill.
Smith, Harry E., architect, Lansing, Mich.
Smith, Harry G., archit., Fairbanks Bldg., Springfield, Ohio.
Smith, Harry T., architect, Free Press Bldg., Detroit, Mich.
Smith, Hauser & MacIsaac, Inc., cotrs., 18 E. 41st, New York.
Smith-Hecht Co., advtg. signs, Cetury Bldg., Indianapolis, Ind.
Smith & Heitmeyer, architects, Atlas Bk. Bldg., Cincinnati, O.
Smith & Hemenway Co., Inc., tool mfrs.—whol. hdwe., 261 Broadway, New York, 130 Coit, Irvington, N. J. *See adv index at end of book.*
Smith, Henry A., architect, 52 Vanderbilt av, New York.
Smith, Henry C., architect, 755 Market, San Francisco, Cal.
Smith, Hy., & Sons Co., contractors, German & Light, Baltimore, Md.
Smith & Henson, mill engrs., 10th & Westmoreland, Phila, Pa.
Smith, Hinchman & Grylls, architects, Wash'n Arcade, Detroit, Mich.
Smith, Hine, architect, Rome, Ga.
Smith-Holden Co., plate glass, 24 S. Water, Providence, R. I.
Smith, Homer P., mill & facty. supplies, Ashtabula, Ohio.
Smith, Horace H., architect, Bay State Bldg., Lawrence, Mass.
Smith-Howard & Co., mill & facty. supplies, Houston, Texas.
Smith, Howard J., & Son, contractors, 256 St. James pl, Brooklyn, N. Y.
Smith & Howland, architects, Union & Pleasant, New Bedford, Mass.
Smith, Hubbard Lbr. Co., masons' & bldrs.' matls., Wabash, Ind.
Smith,Hugh, patent leather, 210 Central av, Newark, N. J.
Smith, Hugh H., masons' & bldrs.' matls., Daly City, Cal.
Smith, Hugh M., & Son, contractors, Canandaigua, N. Y.
Smith & Hull Co., lumber, Traverse City, Mich.
Smith-Hutton & Krik Co., mill & facty. supplies—whol. hdwe., New Castle, Pa.
Smith, I. J., Mfg. Co., vehicle washers, 1007 Av I, Kings Highway, Brooklyn, N. Y.
Smith, Ira A., machsts., Beverly, Mass.
Smith Iron Fndry. (Inc.), Lynn, Mass.
Smith, Isaac E., paper & pulp mills, St. Johnsville, N. Y.
Smith, Isaac O., sash, door & blind mfrs., Monticello, N. Y.
Smith, J. Allen, & Co., flour mills, Knoxville, Tenn.
Smith, J. Andre, architect, 15 E. 40th, New York.
Smith, J. B., handles (wood), Geneva, Ohio.
Smith, J. C., architect, Hellman Bldg., Los Angeles, Cal.
Smith, J. C., Co., carriages, 58 E. 20th, Chicago, Ill.
Smith, J. Colby, & Son, canned goods, Willow Grove, Del.
Smith, J., & Co., cornices, 2755 W. 22d, Chicago, Ill.
Smith, J. D., Piano Co., Kansas City, Mo.
Smith, J. E., & Co., sash, door & blind mfrs., 65 Benedict, Waterbury, Conn.
Smith, J. E., Cotton Mfg. Co., Thomson, Ga.
Smith, J. F., & Bro., glass, sashes, doors & blinds, Galveston, Texas.
Smith, J. H., lumber mfrs., Clarksburg, N. Y.
Smith, J. H., contractor, Monadnock Bldg., San Francisco, Cal.
Smith, J. K., cornices & skylights, Evart, Mich.
Smith, J. Lee, & Co., paint colors manfrs., 19 Jacob, New York.
Smith, J. M., & Fitzer, masons' & bldrs.' matls, Bucyrus, Ohio.
Smith, J. N., lumber, Glasgow, Ky.
Smith, J. O., flour mills, Bumpass, Va.
Smith, J. O., Mfg. Co., cash boxes, varnish, hardware mfrs., Middletown, Conn.
Smith, J. T., canned goods, Fawn Grove, Pa.
Smith, J. W., architect, Monroe, La.
Smith, J. W., smoking pipes, Town of Union, N. J.
Smith, J. Wentworth, contractors, 10585 Quincy av, Cleveland, Ohio.
Smith, Jas., architect, Newport, R. I.
Smith, Jas. B., architect, 404 Boulevard, Rockaway Beach, N. Y.
Smith, Jas., & Co., mill & facty. supplies, 1820 N. 10th, Philadelphia, Pa.
Smith, Jas. M., htg. contrs., 6346 Stony Island av, Chicago, Ill.
Smith, James M., Co., machsts. & fndrs., Seymour, Conn.
Smith, James, & Son, grease bags, dog collars, etc., 40 Franklin av, Brooklyn, N. Y.
Smith, Jas. R., & Co. (ferrules & sink traps), Mechanicsville, N. Y.
Smith, Jas., & Son, wool combs, Worcester, Mass.
Smith, Jas., Woolen Machy. Co., textile machy. supplies, etc., Hancock & Somerset, Philadelphia, Pa.
Smith, John B., & Co., mill & facty. supplies, Lewiston, Me.
Smith, Jno. C., Hoe & Tool Co., Evansville, Ind.
Smith, Jno. D., Co., heating contractors, 12 B'way, Buffalo, N. Y.
Smith, Jno. E., stone producers, Detroit, Mich.
Smith, John H., Co., contractors, Lawrence, N. Y.
Smith, Jno. J., architect, Old South Bldg., Boston, Mass.
Smith, John, Jr., contractor, Peekskill, N. Y.
Smith, John L., maps, 27 N. 6th, Philadelphia, Pa.
Smith, John M., & Sons, wood tanks, 1425 Sp. Garden, Philadelphia, Pa.
Smith, John P., steam htg. contr., 148 N. 7th, Phila., Pa.
Smith, John P., & Co., wire goods mfrs., New Haven, Conn.
Smith, John R., architect, Nebraska Street Bldg., Lincoln, Neb.
Smith, Jno. R., stone, 421 E. 103d, New York
Smith & Jones, mattresses, 216 E. 37th, New York.
Smith, Joseph, architect, Anaconda, Mont.
Smith, Joseph S., fndrs., East Waterford, Pa.
Smith, Jos., & Co., buckwheat flour, Stockton, N. J.
Smith, Jos. M., Co., masons' & bldrs.' matls., Madison, N. J.
Smith, Jos. N., & Co., carriage fasteners, rests, separators, etc., Detroit, Mich.
Smith, Joseph T., architect, 36 N. Main, Waterbury, Conn.
Smith, Julius A., architect, Ogden, Utah.
Smith, L. B., & Sons, masons' & bldrs.' matls., Exeter, N. H.
Smith, L. C., & Bros. Typewriter Co., Syracuse, N. Y.
Smith, L. E., cornices & skylights, Rockport, Mass.
Smith, L. E., & Bro., flour mills, Appomattox, Va.
Smith, L. E., Glass Co., Mount Pleasant, Pa.
Smith, L. J., egg cases, Eaton Rapids, Mich.
Smith, L. J., contrs., construction, Commerce Bldg., Kansas City, Iowa.
Smith, L. M., & Sons, patent leather, 59 Lock, Newark, N. J.
Smith Laboratory, chemists, Mt. Pleasant, Tenn.
Smith & Langmaid, machsts., Portland, Me.
Smith & Lawmaster, masons' & bldrs.' matls., McCutchenville, O.
Smith, Layton F., architect, 513 N. Charles, Baltimore, Md.
Smith & Leo, Inc., 101 Park av, New York.
Smith, Leslie, lbr. mfr., West Brattleboro, Vt.
Smith, Levi, lubrg. oils, North Clarendon, Pa.
Smith Lime, Flour Co., masons' & bldrs.' matls., Elizabeth, N. J.
Smith Locomotive Adjustable Hub Plate Co., Pittsburg, Kans.
Smith & Loughlin, machsts. & fndrs., Driggs av & N. 5th, Brooklyn, N. Y.
Smith & Lovett Co., machsts. & fndrs., 135 Tyler, Boston, Mass.
Smith, Loyd J., 2nd-hand cars, 20 W. Jackson blvd, Chicago, Ill.
Smith, Lucien E., architect, 2 W. 47th, New York.
Smith Lumber Co., Meadville, Pa.
Smith, McCormack Co., contractors, Easton, Pa.
Smith & McCoy, boilers, machsts., etc., Norfolk, Va.

Smith & McCrorken, Inc., hardware wholesale, 407 E. 18th, N. Y.
Smith & McKinney Hardware Co., Clifton Forge, Va.
Smith, M., masons' & bldrs.' matls., Green Island, N. Y.
Smith, M. A. (Est. of), machsts. & fndrs., Sunapee, N. H.
Smith, M. C., hoops—coiled elm, Moorhead, Miss.
Smith, M. D., & H. L., Co., bags & baggings, Dalton, Ga.
Smith, M. M., lbr. mfrs., N. Tonawanda, N. Y.
Smith, M. R., Lumber & Shingle Co., R. A. Long Bldg., Kansas City, Mo.
Smith, M. R., Shingle Co., lumber, Tacoma, Wash.
Smith, M. Z., contractor, Troy, Ohio.
Smith Mfg. Co., agricultural implements, La Crosse, Wis.
Smith Mfg. Co., gas engines, 161 W. Harrison, Chicago.
Smith, Manning J., Belting Co., cotton, 41 E. Ashmead, Gtn., Philadelphia, Pa.
Smith, Marshall J., architect, Colorado Bldg., Washington, D. C.
Smith-Matthews Foundry Co., 650 Bellevue av, Detroit, Mich.
Smith Mattress Co., Marion, Ohio.
Smith & May, architects, Calvert Bldg., Baltimore, Md.
Smith, Millard F., machinist, Parsons, Kans.
Smith & Mills Co., shaping machines, Spring Grove av, Cincinnati, Ohio.
Smith, Milo, masons' & bldrs.' matls., Troy, N. Y.
Smith Monumental Wks., Norwalk, Ohio.
Smith, Morell, architect, Bank Bldg., Far Rockaway, N. Y.
Smith, Morgan S., & Co., hydraulic turbine mfrs., York, Pa.
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Smith, Morton B., & Co., scrap brass & copper, metal, brass, etc., 241 Front, New York.
Smith Motor Truck Co., 1603 Michigan av, Chicago, Ill.
Smith, Myers & Schnier Co., saw mill machinery, 621 W. Front, Cincinnati, Ohio.
Smith, N., & Co., stone renovators, 131 Columbus av, New York.
Smith of N. Y. Co., soldering app. for rail bonding, lamps, torches, oilers, metal spinning, etc., 352 Pearl, New York.
Smith & Nichols, acids, oils, wax, etc., 121 Maiden la, New York.
Smith, Nimmo & Co., machsts., McKeesport Pa.
Smith & Nixon Mfg. Co., pianos, 126 W. 4th, Cincinnati, Ohio.
Smith, O. Everett, architect, Ashland, Ore.
Smith, O. F., architect, 70 Kilby, Boston, Mass.
Smith, O., & Sons Co., cotton batting & felts, 310 Spruce, Philadelphia, Pa.
Smith Organ Co., North Tonawanda, N. Y.
Smith, Orlando B., machsts., Frankfort, Ind.
Smith, Oscar B., Jr., architect, 25 Madison av, New York
Smith & Otis, architects, Morton Bldg., Louisville, Ky.
Smith, Otis A., machsts. & fndrs.—clamps, Rockfall, Conn.
Smith, P. B., flour mills, Pollocksville, N. C.
Smith, P., & Co., carriages, 209 W. Austin av, Chicago, Ill.
Smith, P. J., Co., boot & shoe counters, Salem, Mass.
Smith Packing Co., meat, Colorado Springs, Colo.
Smith Paper Co., Lee, Mass.
Smith, Paul, fndrs., 558 Washington blvd, Chicago, Ill.
Smith, Paul R., landscape arch., 89 State, Boston, Mass.
Smith, Payson Lbr. Co., 911 Plymouth Bldg., Minneapolis, Minn.
Smith & Pearson, mill & facty. supplies, Auburn, N. Y.
Smith & Perry, contractors, New London, Conn.
Smith, Peter, Heater Co., Detroit, Mich.
Smith, Philip, stone, 1st & B., S. W., Washington, D. C.
Smith, Philip, Mfg. Co., machsts. & fndrs., Sidney, Ohio.
Smith-Phillips China Co., East Liverpool, Ohio.
Smith & Phillips Mfg. Co., machinists, 1008 N. Madison, Chicago, Ill.
Smith & Pomeroy Windmill Co., machsts., Kalamazoo, Mich.
Smith Premier Wks., Remington Typewriter Co., Syracuse, N. Y.
Smith, R. F., & Son, lbr., Camden, N. J.
Smith, R. H., Mfg. Co., printing stamp goods mfrs., Springfield, Mass.
Smith, R. J., brick, Roberts, Md.
Smith, R. R., Sons, contractors, Lewisville, Ind.
Smith, R. T., & Son, sashes, doors & blinds, Benton, Pa.
Smith, Rea & Lovitt, architects, Finance Bldg., Kansas City, Mo.
Smith & Reilly, htg. contrs., 411 New, Newark, N. J.
Smith, Rice Co., contractors, 148 Spear, San Francisco, Cal.
Smith, Richard, contr., Warren, R. I.
Smith, Richardson Co., burnishing & polishing machines, Attleboro, Mass.
Smith, Robert S., architect, 111 W. Monroe, Chicago, Ill.
Smith, Robert W., Corp., contr., 30 Church, New York.
Smith & Ross, architects, 15 E. 40th, New York.
Smith, Roswell E., architect, Morristown, Tenn.
Smith, Rudy, & Co., chemists, 411 Walnut, Philadelphia, Pa.
Smith, Rufus W., Co., fertilizer mfrs., Elmer, N. J.
Smith & Ruggles, contractors, 7 Clay, Baltimore, Md.
Smith, S. A., contractor, Elgin, Ill.
Smith, S. A., Mfg. Co., ladders, Brattleboro, Vt.
Smith, S. C., landscape architect, 107 Westminster, Providence, R. I.
Smith, S. L., & Co., contractors, Wilkinsburg, Pa.
Smith, S. R., contractor, Poughkeepsie, N. Y.
Smith & Stewart, architects, 244 Kearney, San Francisco, Cal.
Smith, Sam'l, Machine Co., contr. & jobbing machsts., 620 Essex, Lawrence, Mass.
Smith, Sam'l, & Son Co., boilers, caissens, stills, tanks, etc., Paterson, N. J.
Smith Sash & door Co., 132 E. Lake, Minneapolis, Minn., & Rochester, N. Y.
Smith Scale Co., 611 N. Fourth, Columbus, Ohio.
Smith & Schwartzbeck, carriages, Tiffin, Ohio.
Smith, Sela A., contractor, Gary, Ind.
Smith, Seymour & Son, till trimmers, hdwe., hooks, pruning shears, etc., Oakville, Conn.
Smith & Sherrick, contractors, Lima, Ohio.
Smith & Simpson Lumber Co., Atlanta, Ga.
Smith & Sinclair Mach. Co., machsts., Camden, N. J.
Smith, Sirrell, Co., flexible couplings, 90 West, New York.
Smith & Sons Co., hair pins, 102 Fifth av, New York.
Smith Sons Harness Co., Buffalo, N. Y.
Smith & Sons Mfg. Co., machsts. & fndrs.—agri'l implements, Guinotte & Lydia, Kansas City, Mo.
Smith Sparks Co., contractors, Houghton, Mich.
Smith, S. T., Co., ribbons & carbons, 116 Duane, New York.
Smith System Heating Co., 821 Washington av, S. E., Minneapolis, Minn.
Smith, T. J., turpentine, Nielly, Ga.
Smith, T. L., Co., concrete mixers, 1151 32d, Milwaukee, Wis.
Smith, T., & Son, machy. dlrs., old metals, etc., 410 3d av, Brooklyn, N. Y.
Smith, T. V., contractor, Norristown, Pa.
Smith, T. W., & E. O., architects, Columbus, Ga.
Smith Tablet Co., Holyoke, Mass.
Smith, Theo., & Son, masons' & bldrs.' matls., Phillipsburg, Kans.
Smith, Theo., & Sons Co., machsts. & fndrs., ft. Essex, Jersey City, N. J.
Smith & Thompson, contractors, 47 Park pl, Brooklyn, N. Y.
Smith, Thos., architect, Central Square, N. Y.
Smith, Thos. C., stone prod., New Britain, Conn.
Smith, Thos., Co., bolt, nut & washer mfrs., Worcester, Mass.
Smith, Thos. J. D., glass benders, 65 Chambers, Newark, N. J.
Smith, Thos. W., plate glass, 1st c Ind. av, N. W., Wash., D. C.
Smith & Tomlinson Co., cornices & skylights, Hillsboro, Tex.
Smith Turpentine Co., Green Cove Spring, Fla.
Smith, V. A., Co., heating boilers, 236 W. Lake, Chicago, Ill.
Smith, V. R., fertilizer, Douglasville, Ga.
Smith, Vivian B., architect, Atlantic City, N. J.
Smith & Yokes, contractors, Duluth, Minn.
Smith, W. A., & Co., hot air furnaces, 625 Champlain, Cleve., O.
Smith, W. A., & Son, contractors, 188 Cannon, Bridgeport, Conn.
Smith, W. F., Co., contractors, Rensselaer, Ind.
Smith, W. Frisbey, architect, 1345 Arch, Philadelphia, Pa.
Smith, W. G., contractor, 15 Florence, Buffalo, N. Y.
Smith, W. Grubber Co., machinists, La Crescent, Minn.
Smith, W. H., architect, Mass Bldg., Kansas City, Mo.
Smith, W. H., Hardware Co., Parkersburg, W. Va.
Smith, W. L., mill & facty. supplies, Newburgh, N. Y.
Smith, W. P., flour, Efland, N. C.
Smith, W. R., machst., Gulfport, Miss.
Smith, W., & Sons, machsts., Lawrence, Mass.
Smith, W. T., Lumber Co., Chapman, Ala.
Smith-Wadsworth Hardware Co., Charlotte, N. C.
Smith, Walter, ties, poles & posts, Bickley, Ga.
Smith, Walter H., architect, Union Bldg., Cleveland, Ohio.
Smith, Ward, Brake Co., Inc., slack adjusters, 17 Battery pl, New York.
Smith & Watson Iron Wks., Portland, Ore.
Smith, Werner G., Co., core oils, Hird & Detroit, Cleveland, O.
Smith & Wesson, machsts., Springfield, Mass.
Smith Wheel, Inc., Syracuse, N. Y.
Smith, Whitcomb & Cook Co., mill & facty. supplies, Barre, Vt.
Smith, Wm. (Est of), carriages, Burlington, Vt.
Smith, Wm. A., hod elevators, 282 E. 141st, New York.
Smith, Wm. A., cornices, Lima, Ohio.
Smith, Wm. B., architect, Huntington, W. Va.
Smith, Wm., & Co., brick, Middletown, Ohio.
Smith, Wm. D., architect, 52 Vanderbilt av, New York.
Smith, Wm. J., architect, 2502 Strand, Galveston, Tex.
Smith, Wm. M., lbr., Alpine, Pa.
Smith, Wm. Neil, architect, 101 Park av, New York.
Smith, Wm., & Son Co., stone producers, Ashtabula, Ohio.
Smith, Wm. W., architect, 82 Wall, New York.
Smith & Williams Co., motor boat, launch & yacht bldrs., Salisbury, Md.
Smith, Wilson P., archit., Frederick, Md.
Smith, Wilson J., contractor, Wilkes-Barre, Pa.
Smith-Winchester Co., mill & facty. supplies—wholesale hdwe., Jackson, Mich.
Smith & Winchester Mfg. Co., paper & pulp mill machy., etc., So. Windham, Conn.
Smith, Winfield H., boiler flue cleaners, pumping engines, Buffalo, N. Y.
Smith, Worthington Co., horse collars, Hartford, Conn.
Smith & Wyman Co., sashes, doors & blinds, 2nd av & 8th, Minneapolis, Minn.
Smith-Yingling Co., canned goods, Westminster, Md.
Smith, Z. Erol, archit., 5501 Prairie av, Chicago, Ill.
Smither, Henry C., Roofing Co., Indianapolis, Ind.
Smithereen Co., liquid soap dispensers, 4523 Cottage Grove av, Chicago, Ill.
Smithfield Brick & Tile Co., Smithfield, Utah.
Smithfield Garage & Machine Co., Smithfield, N. C.
Smithfield Packing Co., meat packers, Suffolk, Va.
Smithfield's Pure Food Co., canned goods, Clarkson, N. Y.

Smith's, Albert, Sons, ornamental iron, 73 N. J. R. R. av, Newark, N. J.
Smith's, C. C., Sons Co., whol. hdwe., Terre Haute, Ind.
Smith's, H., Sons, carriages, Manteno, Ill.
Smith's, Hy., Sons, horse collars, New Haven, Conn.
Smith's, John E., Sons Co., butchers' machy. & supplies, Buffalo, N. Y.
Smith's, P., & Sons Lumber Co., Newark, Ohio.
Smith's, S. W., Son, contractors, White Plains, N. Y.
S. & M. Lamp Co., Los Angeles, Cal.
Smoak, J. W., machst. & fndr., Orangeburg, S. C.
Smock, F. C., contractor, Lemcke Bldg., Indianapolis, Ind.
Smoky Valley Roller Mills, Lindsborg, Kans.
Smolensky, M., Mfg. Co., rotary suction check valves, 2108 Superior av N. W., Cleveland, Ohio. *See adv index at end of book.*
Smolk, Edw., Plumbing Supply Co., 231 E. 33d, New York.
Smoot, C. C., & Sons Co., belting butts, Alexandria, Va.
Smoot & Sheehan, contractors, Lynchburg, Va.
Smoot, W. A., & Co., masons' & bldrs.' matls., Alexandria, Va.
Smooth-On Mfg. Co., cements, compounds, hardeners, etc., 572 Communipaw av, Jersey City, N. J.
Smoth, Benj L., contractor, Asbury Park, N. J.
Smouse, Thos. F., lbr., Cumberland, Md.
Smucker, J. M., canned goods, Orrville, Ohio.
Smurr & Kamen Mach. Co., 313 N. Whipple, Chicago, Ill.
Smyers, Geo. W., sash, door & blind, Dubois, Pa.
Smyser, Royer Co., iron works, York, Pa.
Smyser's, E. G., Sons, archl. iron, 217 W. Madison, Balto., Md.
Smyth-Despard Co., belting, mill & facty. supplies, Utica, N. Y.
Smyth-Donegan Co., mill & facty. & plumbers' supplies—jobbers, 247 St. Marks av, Brooklyn, N. Y.
Smyth Mfg. Co., book binders' machy., Hartford, Conn.
Smyth, Neptune B., Inc., contractor, 417 E. 34th, New York.
Smyth, Wm., glass stainers, 620 N. Eutaw, Baltimore, Md.
Smythe, John M., Mdse. Co., 663 W. Wash. blvd, Chicago, Ill.
Smythe, S. R., Co., engrs. & contrs., House Bldg., Pittsburgh, Pa.
Snader, D. L., architect, Valparaiso, Ind.
Snaman, Wm. E., architect, Empire Bldg., Pittsburgh, Pa.
Snap Detachable Belt Fastener Co., 128 Murray, Newark, N. J.
Snapp, W. L., carriages, Princeton, Ind.
Snappy Fdry. Co., machsts. & fndrs., Winchester, Va.
Snare & Triest Co., steel structural work, 8 W. 40th, New York.
Snead Architectural Iron Wks., 10th & Hill Sts., Louisville, Ky.
Snead & Co. Iron Works, library book stacks, racks, show cases, etc., 98 Pine, Jersey City, N. J.
See adv index at end of book.
Snead, W. B. & Co., contractors, Lynchburg, Va.
Sneath Glass Co., Hartford City, Ind.
Sneddon, D. M., Co., bldg. contrs., 972 Kinnickinnic av, Milwaukee, Wis.
Snedeker Bros., brick, Haverstraw, N. Y.
Snedeker, J. Vorhees, Jr., architect, 123 Bull, Savannah, Ga.
Snedan, Arthur Durant, architect, 149 B'way, New York.
Snelbaker, W. B., stone producer, Woodbury, N. J.
Snell & Atherton, leather gauges, knives, tools, Brockton, Mass.
Snell, C. R., & Sons Co., masons' & bldrs.' matls., Herkimer, N. Y.
Snell, Frank S., architect, 2214 W. 14th, Los Angeles, Cal.
Snell, Geo. H., masons' & bldrs.' matls., Walla Walla, Wash.
Snell Gro. & Hardware Co., Harrisonburg, Va.
Snell, J. M., & Co., masons' & bldrs.' matls., Harrisonberg, Va.
Snell, Jno. H., & Sons, machsts., Hamburg, Pa.
Snell Mill & Grain Co., Clay Center, Kans.
Snell Mfg. Co., augers, bits, countersinks, nails, punches, etc., Fiskdale, Mass.
Snell, R. D., contractor, Albany, Ore.
Snelling & Metcalfe, architects, 15 W. 38th, New York.
Snelling & Son, carbon paper & typewriter ribbons, 225 34th, Brooklyn, N. Y.
Snider, C. H., architect, Fairmont, W. Va.
Snider & Druker, contractors, 18 Tremont, Boston, Mass.
Snider, Edw., brick, Uniontown, Pa.
Snider-Flautt Lumber Co., Somerset, Ohio.
Snider, J. J., Lbr. Co., Taylor av, Columbus, Ohio.
Snider, T. A., Preserve Co., canners, 168 N. Michigan av, Chicago, Ill.
Snohomish Dairy Products Co., canned goods, Snohomish, Wash.
Snohomish Iron Works, machsts & fndrs., Snohomish, Wash.
Snook, John B., Sons, architects, 261 B'way, New York.
Snook & Sons, sashes, doors & blinds, Ottumwa, Ia.
Snook & Traver, contractors, Salem, Ore.
Snover Mfg. Co., fireplace dampers, Freeport, Ill.
Snow, Abbott L., packing box mfrs., E. Boston, Mass.
Snow & Barkley, screw machine products, 252 B'way, New York.
See adv index at end of book.
Snow, E. A., architect, 18 Tremont, Boston, Mass.
Snow, E. W., & Co., enclosed fuses, Rochester, N. Y.
Snow, F. A., Co., contractors, 79 Milk; Boston, Mass.
Snow Flake Axle Grease Co., Fitchburg, Mass.
Snow Flake Canning Co., Brunswick, Me.
Snow, Franklin A., Co., window screens, 79 Milk, Boston, Mass.
Snow, Geo. E., contr., 5415 Central, Los Angeles, Cal.
Snow & Golgiani, machsts. & fndrs.' supplies, 537 2d, San Francisco, Cal.
Snow & Goodfellow, machsts. & fndrs., Blaine, Wash.
Snow, I. L., & Co., ship bldrs., Rockland, Me.
Snow Lbr. Co., Highpoint, N. C.
Snow & Nealley Co., mill & facty. supplies, Bangor, Me.
Snow & Petrelli Mfg. Co., machsts., New Haven, Conn.
Snow, S. M., mill engineers, Boston, Mass.
Snow, Sam'l E., bldg. contr., Lowell, Mass.
Snow Shoe Fire Brick Co., Snow Shoe, Pa.
Snow, T. W., Const. Co., ditcher & grader, & water columns, 537 S. Dearborn, Chicago, Ill.
Snow, Tom, Heating & Roofing Co., cornices & skylights, Chattanooga, Tenn.
Snow, Walter B., advtg. counsellors, 136 Federal, Boston, Mass.
Snow, Wm. A. Iron Works (Inc.), ornamental iron work & iron fences, 19 Portland, Boston, Mass.
Snow Wire Wks. Co., Rochester, N. Y.
Snowden, A. D., & Bros., flour mills, Irvine, Ky.
Snowden Bros., machsts. & fndrs., Hughesville, Pa.
Snowden, T. H., brick & lbr. mfrs., Hawkinsville, Ga.
Snowdon, Geo., leaded glass, Utica, N. Y.
Snowville Milling Co., flour, Snowville, Va.
Snyder, A. B., architect, Emuire Bldg., Pittsburgh, Pa.
Snyder & Barnett, contractors, Frankfort, Ind.
Snyder, C. B. J., archit., 500 Park av, New York, N. Y.
Snyder, C. J., lumber, Millersburg, Pa.
Snyder Co., sashes, doors & blinds, Hutchinson, Kans.
Snyder, D. D., & Co., carriages, Danville, Ill.
Snyder, E. C., sashes, doors & blinds, Harrisburg, Pa.
Snyder, E. F., slate laundry tubs, Slatington, Pa.
Snyder, Edw. H., front brick, Hanover, Pa.
Snyder Elec. Furnace Co., 53 W. Jackson blvd, Chicago, Ill.
Snyder, F. Edw., braces (screen doors), Massillon, Ohio.
Snyder, Frank Co., archl. iron, 513 E, N. W., Washington, D. C.
Snyder, Frank W., Contrg. Co., stone producers, 372 Grove, Newark, N. J.
Snyder-Gillett Contr. Co., Niagara Falls, N. Y.
Snyder, H. F., fndrs., Churchville, N. Y.
Snyder, H. P., Mfg. Co., machsts., Little Falls, N. Y.
Snyder, Harry M., Roofing Co., cornices & skylights, Spokane, Wash.
Snyder, Hy. J., lumber, Pottstown, Pa.
Snyder Hunt Co., porcelain insulators, Belle Plaine, Ia.
Snyder, J., contractor, 4436 Forest av, Cincinnati, Ohio.
Snyder, J. B., contractor, Everett, Wash.
Snyder, J. C., masons' & bldrs.' matls. ,Fulton, Ill.
Snyder, J. E., & Son, drilling machines, Worcester, Mass.
Snyder, J. O., contractor, Homestead, Pa.
Snyder, J. W., Co., contractors, 122 S. Michigan av, Chicago, Ill.
Snyder, J. Y., archit., First Nat'l Bk. Bldg., Shreveport, La.
Snyder, Jos. B., contractor, Muncie, Ind.
Snyder, Kirby T., architect, Plymouth Bldg., Minneapolis, Minn.
Snyder, Lew V., contractor, 205 Ionic, Philadelphia, Pa.
Snyder, Louis B., cornices, Homsetead, Pa.
Snyder, M. L., & Son, mill & facty. supplies, 223 Church, Philadelphia, Pa.
Snyder, M. V., contractor, Bethlehem, Pa.
Snyder, Owen T., & Co., elevator safety devices, Columbus, O.
Snyder, Paul J., & Co., Bailey Bldg., Philadelphia, Pa.
Snyder, Ralph, architect, Hayden Bldg., Columbus, Ohio.
Snyder, Robt. W., architect, 516 Spruce, Scranton, Pa.
Snyder Roofing Co., Zanesville, Ohio.
Snyder, Sam'l, architect, Chippewa Falls, Wis.
Snyder Steel & Iron Wks. Co., transfer tables, Kansas City, Mo.
Snyder, T. H., & Co., soap, 8 E. 3d, Cincinnati, Ohio.
Snyder, Thos. L., machsts. & fndrs., Pillow, Pa.
Snyder, W. P., & Co., iron ore & coke, Oliver Bldg., Pittsburgh, Pa.
Snyder, W. W., Mfg. Co., straw board, Cohoes, N. Y.
Snyder Wagon Co., Ltd., Shreveport, La.
Snyder, Wm. F., architect, Radford Bldg., Yonkers, N. Y.
Snyder, Wm. H., grain elevator builders, Carey, Ohio.
Snyder, Wm. H., Co., engravers' metal plates, 247 Centre, New York.
Soapitor Co., 154 W. 14th, New York
Sobel & Kraus, cornices, 307 W. 117th, New York.
Sober, C. K., acet. gas machines, Lewisburg, Pa.
Sobkowiak, Frank, masons' & bldrs.' matls., La Crosse, Wis.
S. O. & C. Co., shoe eyelets, Ansonia, Conn.
Social Circle Mfg. Co., fertilizer, Social Circle.
Society of Shakers, sweaters, etc., Enfield, N. H.
Socola Rice Milling Co., 600 Decatur, New Orleans, La.
Sodemann Heat & Power Co., 1512 Clark av, St. Louis, Mo.
Soden, J. R., flour, Emporia, Kans.
Soderberg, Fred, architect, 1st Nat'l Bk. Bldg., Oakland, Cal.
Soderberg, J. A., wood pipe, Seattle, Wash.
Soderling, Walter, Co., Inc., respirators, 347 W. Broadway, New York.
Soderstrom, E., patterns & models, Wichita, Kans.
Sodus Canning Co., Sodus, N. Y.
Soeffing, Adolph, Co., whol. hdwe., 833 Arch, Philadelphia, Pa
Soetemon Bros., contractors, Yonkers, N. Y.
Sofe, James, tubular boilers, Olympia, Wash.
Sofranscy, H., Co., scrap rubber, iron & steel, Allentown, Pa.
Sohl, Fred E., tackle blocks, Seattle, Wash.
Sohl, J. E. W., architect, 1901 K, N. W., Washington, D. C.
Sohm Elec. Co., boxes, clocks, recorders, stamps, etc., 141 W. Austin av, Chicago, Ill.
Sohmer & Co., pianos, 315 5th av., New York.
Sohn, Dan'l, Mach. Co., Rochester, N. Y.

Sohst, John E. W., auto repairs, 2720 B'way, Oakland, Cal.
Soisson, Jos., Fire Brick Co., Connellsville, Pa.
Sokup, F. J., cornices, Grand Rapids, Mich.
Solano Iron Wks., cross arm braces, Benicia, Cal.
Solar Elec. Co., elec. illuminated signs, shade holders, etc., 124 W. Lake, Chicago, Ill.
Solar Heater Co., Los Angeles, Cal.
Solar Light Co., 69 Wooster, New York.
Solar Metal Products Co., holow metal & steel doors, Columbus, Ohio.
Solar Prism Co., prismatic glass mfrs., Cleveland, Ohio.
Solarine Co., metal polish, 153 N. Carpenter, Chicago, Ill.
Solberg, A., Lumber Co., Blooming Prairie, Minn.
Solderall Sales Co., solder, etc., 76 Cortlandt, New York.
Soldwedel, Fred'k A., archit., 45 East 57th, New York.
Soldwedel & Tattan, architects, 542 5th av, New York, & 421 Bergenline av, Weehawken, N. J.
Solfisburg's, C., Sons, brick, Aurora, Ill.
Solidarity Watch Case Co., 242 Chestnut, Brooklyn, N. Y.
Sollitt Kitchen Door, 407 Rookery Bldg., Chicago, Ill.
Sollitt, Oliver, Construction Co., 209 S. La Salle, Chicago, Ill.
Solms, Geo., Co., masons' & bldrs.' matls., Maure av, Richmond Hill, N. Y.
Solmson, M., Fly Screen Co., Bayard & Nanticoke, Baltimore, Md.
Solomon, Jos. scrap iron, Beaver Falls, Pa.
Solomon, Moses, scrap iron, Beaver Falls, Pa.
Solomon Packing Co., canned goods, North Cove, Wash.
Solshine Mfg. Co., metal polish, 22 Custom House, Boston, Mass.
So-Lumbinum Mfg. & Engng. Co., aluminum solder mfrs., 1790 Broadway, New York.
Solvay Process Co., chemical mfrs., (Solvay), Syracuse, N. Y.
Solvay Process Co., stone producers, Detroit, Mich.
Solvos Co., rubber sheeting, 4216 Calumet av, Chicago, Ill.
Sombart Milling Co., flour, Boonville, Mo.
Somers Brick Co., Atlantic City, N. J.
Somers Bros. Mfg. Co., concrete bldg. block mach'y, Urbana, Ill.
Somers Co., Inc., mfrs. of sheet brass, German silver bronze, Waterbury, Conn.
Somers, E. S., architect, 64 E. Van Buren, Chicago, Ill.
Somers, Fitler & Todd Co., machinery, mill & facty. supplies, 325 Water, Pittsburgh, Pa.
Somers, Harold, fly swatters, killers, 150 De Kalb av, Brooklyn, N. Y.
Somers, Jas. M., Co., rules, Bridgeport, Conn.
Somers Lumber Co., sash, door & blind, Atlantic City, N. J.
Somers Lbr. Co., Somers, Mont.
Somers, Patrick E., tacks, nails, etc., Worcester, Mass.
Somerset Canning Co., Still Pond, Md.
Somerset Door & Column Co., Somerset, Pa.
Somerset Knitting Co., bathing suit mfrs., 1 Station, Boston, Mass.
Somerset Milling Co., flour, Somerset, Ky.
Somerset Packing Co., canned goods, Upper Fairmount, Md.
Somerset Rubber Reclaiming Wks., New Brunswick, N. J.
Somerset Stone Co., Johnstown, Pa.
Somerset Stove Foundry Co., Somerset, Mass.
Somersworth Fdry. Co., Salmon Falls, N. H.
Somersworth Grain Co., masons' & bldrs.' matls., Somersworth, N. H.
Somervell, W. A., architect, White Bldg., Seattle, Wash.
Somerville Iron Fndry. Co., Somerville, Mass.
Somerville Iron Wks., mchsts. & fndrs., Somerville, N. J.
Somerville Stove Wks., Somerville, N. J.
Somerville, Thos., Co., plumbers' & steamfitters' supplies, 312 13th, N. W., Washington, D. C.
Somerville, Wm. L., architect, 331 Madison av, New York.
Somerworth Fdry. Co., Salmon Falls, N. H.
Somes & Parsons, architects, 1 Beacon, Boston, & 145 Munroe, Lynn, Mass.
Sommer Badge Mfg. Co., buttons, Newark, N. J.
Sommer, H. F., & Co., patent leather, 219 Hamburg pl, Newark, N. J.
Sommer, J. L., Mfg. Co., novelties, Newark, N. J.
Sommer, John, Faucet Co., woodenware mfrs., 355 Central av, Newark, N. J.
Sommerfeld, A., cornices 4077 Pk. av, New York.
Sommerfeld Mach. & Mfg. Co., glass presses, 216 2d av, Pittsburgh, Pa.
Sommerfeld & Steckler, architects, 31 Union sq, New York.
Sommers Bros. Match Co., Saginaw, Mich.
Sommerse Hardware Co., Clarksdale, Miss.
Sommerstown Shipbldg. Co., Columbia City, Ore.
Sommerville Elevator Co., 156 W. 30th, New York.
Sommerville Iron & Bronze Co., 5641 Butler, Pittsburgh, Pa.
Somonds Mfg. Co., mill & facty. supplies, 402 Occidental av, Seattle, Wash.
Soncrant, Leon, contractor, Wyandotte, Mich.
Sondheimer, E., Co., lumber, Memphis, Tenn.
Sones, C. W., lumber, Williamsport, Pa.
Sonestown Mfg. Co., clothes pins, Williamsport, Pa.
Sonken, Galamba, Iron & Metal Co., second-hand r. r. equipt., North 2nd, Kansas City, Kans.
Sonn, A. L., Brush Co., Troy, N. Y.
Sonneborn, L., Sons, oils, paints, polishes, etc., 262 Pearl, New York.
Sonneman, C. G., & Son, lumber mfrs., Vandalia, Ill.
Sonnemann, Alex. H., architect, 1334 H, N. W., Washington, D. C.
Sonnenberg, Jos., architect, Irvington, N. J.
Sonner, P. J., contractor, Plymouth, Bldg., Minneapolis, Minn.
Sonnhalter Sand & Stone Co., Massillon, Ohio.
Sonntag, Geo. W., masons' & bldrs.' matls., Evansville, Ind.
Sonoma Magnesite Co., Humboldt Bank Bldg., San Francisco, Cal.
Sonora Phonograph Corp., talking machines, 279 B'way, New York.
Soo Hardware Co., Sault Saint Marie, Mich.
Soo Woolen Mills, lumbermen's socks, Sault Ste Marie, Mich.
Soper, A. C., Co., canned goods, Farmingdale, N. J.
Soper Engineering Co., Chattanooga, Tenn.
Soper, F. J., architect, 610 S. B'way, Los Angeles, Cal.
Soper, Geo. E., machst. & fndr., Kankakee, Ill.
Soper Lumber Co., 2204 Loomis, Chicago, Ill.
Soperton Guano Co., Soperton, Ga.
Soracco, John J., scrap iron & steel, 116 3d av, Pittsburgh, Pa.
Soraci Contr. Co., 170 B'way, New York.
Soren & Kelman, contractors, 230 Saratoga, Providence, R. I.
Sorensen, Chas. F., architect, 3325 Fullerton av, Chicago, Ill.
Sorensen, H. P., contractor, 13th & Harrison, South Omaha, Neb.
Sorensen, O. J., store & bar fixtures, La Crosse, Wis.
Sorensen, P., automatic switches, watch demagnetizers, etc., 18 Dunham pl, Brooklyn, N. Y.
Sorenson, C. M., surgical instruments, 177 E. 87th, New York.
Sorenson, Gilbert, boilers, Casselton, N. D.
Sorenson, Louis, contractor, 189 W. Madison, Chicago, Ill.
Sorenson, N. C., architect, Albert Lea, Minn.
Sorenson, Walter, contractor, Berkeley, Cal.
Sorg, Paul A., Paper Co., Middletown, Ohio.
Sorge, A., Jr., & Co., steam traps, exhaust heads, Monadnock Bldg., Chicago, Ill.
Sorge, Kurt, pumps, 224 E. 80th, New York.
Sorgel Elec. Co., carbon brushes, Milwaukee, Wis.
Sorrell, Richard H., contractor, 329 N, S. W., Washington, D. C.
Sosman & Landis Co., scenic artists, 417 S. Clinton, Chicago, Ill.
Soss Mfg. Co., die casting machines, hinges, etc., 435 Atlantic av, Brooklyn, N. Y.
Sotter Bros., boilers, fndry. cupolas, heating contrs., tanks, etc., Pottstown, Pa.
Soucie, A., contractor, Medina, N. Y.
Soudan Specialty Mfg. Co., disinfectants, 961 Alexander, Milwaukee, Wis.
Souden & Morrison, granite, S. Quincy, Quincy, Mass.
Souder, C. P., architect, Niles, Ohio.
Souder & Crouthamel, masons' & bldrs.' matls., Souderton, Pa.
Souder, E. A., & Co., lbr., Franklin Bank Bldg., Phila., Pa.
Souder, F. M., stone, Millville, N. J.
Souder, Uriah H., lbr. mfrs., Souderton, Pa.
Souders, Byron, contractor, Atlanta, Ga.
Soule, Edw. L., Co., iron & steel products of all kinds, Rialto Bldg., San Francisco, Cal. *See adv index at end of book.*
Soule, L. P., & Son Co., contractors, 80 Boylston, Boston, Mass.
Soule, R. Spencer, architect, Hennen Bldg., New Orleans, La.
Soule Steam Feed Wks., Meridian, Miss.
Soule, Thomas H., architect, Caldwell, Idaho.
Soule, Turney, masons' & bldrs.' matls., New Milford, Conn.
Soule, Winsor, architect, 1206 Staten Island, Santa Barbara, Cal.
Sound Construction & Engineering Co., Hearst Bldg., San Francisco, Cal., & Seattle, Wash.
Sound Lumber Co., Seattle, Wash.
Soutar, R., contractor, Lake Geneva, Wis.
Soutar & Ritchie, contractors, Troy, N. Y.
South Alabama Fertilizer Co., Samson, Ala.
South Amboy Lumber & Supply Co., South Amboy, N. J.
South Amboy Terra Cotta Co., 150 Nassau, New York.
South American Gold & Platinum Co., platinum miners, 61 Broadway, New York.
South Atlantic Blow Pipe & Sheet Metal Co., Savannah, Ga.
South Atlantic Fertilizer Co., Augusta, Ga.
South Atlantic Guano Co., fertilizer mfrs., Atlanta, Ga.
South Atlantic Packing & Provision Co., Savannah, Ga.
South Atlantic Waste Co., Charlotte, N. C.
South Bend Bait Co., fishing tackle mfrs., South Bend, Ind.
South Bend Boiler Wks., steel tanks, South Bend, Ind.
South Bend Chilled Plow Co., plow stocks, South Bend, Ind.
South Bend Current Control Co., electrical specialties, South Bend, Ind.
South Bend Dowel Works, automatic furnishings and wood specialties, South Bend, Ind.
South Bend Foundry Co., South Bend, Ind
South Bend Lathe Works, 426 E. Madison, South Bend, Ind.
South Bend Mills & Timber Co., lumber, South Bend, Wash.
South Bend Motor Car Wks., South Bend, Ind.
South Bend Paper Co., paper bag machy., South Bend, Ind.
South Bend Spark Arrester Co., South Bend, Ind.
South Bend Spring Wagon & Carriage Co., auto. metal bodies, South Bend, Ind.
South Bend Supply Co., mill & facty. supplies, South Bend, Ind.
South Bend Toy Mfg. Co., South Bend, Ind.
South Bend Watch Co., machsts., South Bend, Ind.

South Carolina Pottery Co., North Augusta, S. C.
South Chester Tube Co., Pipe Mills. Chester, Pa.
South Coast Canning Co., Long Beach, Cal.
South Coventry Paper Co., South Coventry, Conn.
South Dakota Prov. Co., meat, Sioux Falls, S. D.
South Dakota State College, engrag. school & coll., Brookings, S. D.
South End Machine Co., Akron, Ohio.
South Fla. Fdry & Mach. Works, Orlando, Fla.
South Fork Fire Brick Co., South Fork, Pa.
South Fork Fdry. & Mach. Wks., mine car wheels, South Fork, Pa.
South Gardiner Lbr. Co., South Gardiner, Me.
South Georgian Buggy Co., Valdosta, Ga.
South Georgia Fertilizer Co., McRae, Ga.
South Georgia Lumber Co., Quitman, Ga.
South Halsted Street Iron Wks., 2607 S. Halsted, Chicago, Ill.
South Haven Preserving Co., South Haven, Mich.
South Jersey Canning Co., Pedricktown, N. J.
South Jersey Farmers' Exchange, fertilizer mfrs., Woodstown, N. J.
South Lebanon Canning Co., South Lebanon, O.
South Memphis Brick Co., Memphis, Tenn.
South Park Foundry & Machine Co., Pioneer Bldg., St. Paul, Minn.
South Park Mfg. Co., machsts. & fndrs., Port Huron, Mich.
South Penn. Bldg. Co., Uniontown, Pa.
South Pittsburgh Fdry. Co., South Pittsburgh, Tenn.
South River Brick Co., South River, N. J.
South St. Louis Foundry Co., derricks, hoists, etc., 7514 So. Broadway, St. Louis, Mo.
South San Francisco Dock Co., San Francisco, Cal.
South San Francisco Packing & Provision Co., meat packers. 407 Front, San Francisco, Cal.
South Seattle Foundry Co., Seattle, Wash.
South Shore Constr. Co., Erie, Pa.
South Side Brick Co., Richmond, Va.
South Side Cereal Mills, cereal foods, Ft. Wayne, Ind.
South Side Chandelier Co., elec. light. fix. mfrs., 5852 S. Halsted, Chicago, Ill.
South Side Cornice Wks., 4324 Cottage Grove av, Chicago, Ill.
South Side Fdry. & Machine Wks., Charleston, W. Va.
South Side Interior Finish Co., sash, door & blind mfrs., 5837 Laflin, Chicago, Ill.
South Side Malleable Casting Co., 14th av & Ry. Tracks, Milwaukee, Wis.
South Side Stone Co., Bloomington, Ind.
South Western Portland Cement Co., stone producers, El Paso, Texas.
Southall & Co., masons' & bldrs.' matls., Marion, Ind.
Southall, Geo. A. & Co., masons & bldrs.' matls., Marion, Ind.
Southard, Chas. H., Co., bldg. materials, 9th av nr 15th, New York.
Southard, J. E., & Son, Michigan City, Ind.
Southard Novelty Co., advtg. nov., Columbus, Ohio.
Southard, Robertson Co., stoves, Peekskill, N. Y.
Souther, E. E., Iron Co., Klenlin & Hamburger, St. Louis, Mo.
SOUTHER, HENRY, ENGINEERING CORP., consulting engineers, metallurgical, sanitary inspecting, 111 Laurel, Hartford, Conn. *See adv. index at end of book.*
Souther, Jno., & Co., machsts. & fndrs., 101 Tremont, Boston, Mass.
Southerland, W. M., Bldg. Cont'g. Co., Syndicate Trust Bldg., St. Louis, Mo.
Southern Architect, trade publication, Atlanta, Ga.
Southern Aseptic Laboratories, absorbent cotton. Columbia, S. C.
Southern Auto & Mach. Co., water supply outfits, 116 Roberts av, St. Louis, Mo.
Southern Bagging Co., mattresses, Norfolk, Va.
Southern Bedding Mfg. Co., mattresses, Austin, Tex.
Southern Belting Co., Atlanta, Ga.
Southern Belting Co. of New Orleans, La., 602 S. Peters, New Orleans, La.
Southern Board & Paper Mills, Los Angeles, Cal.
Southern Boiler & Tank Wks. Co., Memphis, Tenn.
Southern Boiler Works, Belleville, Ill.
Southern Box & Lumber Co., Savannah, Ga.
Southern Brass Mfg. & Plating Co., Houston, Tex.
Southern Brick Co., Athens, Ga.
Southern Brick & Tile Co., Louisville, Ky.
Southern Bridge Co., Birmingham, Ala.
Southern Broom Mfg. Co., Atlanta, Ga.
Southern Buggy Co., carriages, High Point, & Oxford, N. C.
Southern Building Supply Co., Montgomery, Ala.
Southern California Fish Co., canners, Los Angeles, Cal.
Southern California Hardwood & Mfg. Co., 1430 S. Alameda, Los Angeles, Cal.
Southern California Iron & Steel Co., 4th & Mateo, Los Angeles, Cal.
Southern California Lime & Cement Co., Los Angeles, Cal.
Southern Can Co., 717 S. Wolfe, Baltimore, Md.
Southern Car Co., High Point, N. C.
Southern Carbon Co., Warren, Ohio.
Southern Carriage Wks., Beaumont, Tex.
Southern Cartridge Co., ammunition, Savannah, Ga.
Southern Casket Co., Louisville, Ky.
Southern Cement Co., Birmingham, Ala.
Southern Chair Co., High Point, N. C.
Southern Chemical Co., fertilizer mfrs., Roanoke, Va.
Southern Clay Mfg. Co., brick, Chattanooga, Tenn.
Southern Coffin & Casket Co., Knoxville, Tenn.
Southern Construction Co., Jacksonville, Fla.
Southern Constr. & Supply Co., Atlanta, Ga.
Southern Cooperage Co., Claremont, Va.
Southern Cooperage Co., 3160 Chartres, New Orleans, La.
Southern Co-Operative Foundry Co., Rome, Ga.
Southern Cotton Oil Co., fertilizer mfrs., 120 B'way, New York.
Southern Coupon Co., books, Birmingham, Ala.
Southern Creosoting Co., Ltd., Slidell, La.
Southern Drainage Construction, Kinston, N. C.
Southern Elec. Co., armature re-windings, 16 Light, Baltimore, Md.
Southern Elec. Co., massage vibrators, 1100 Pine, St. Louis, Mo.
Southern Elev. Co., machsts., Louisville, Ky.
Southern Engine & Boiler Wks., Jackson, Tenn.
Southern Engineer, Atlanta, Ga.
Southern Exch. Co., ties, poles, etc., 97 Warren, New York.
Southern Extract Co., Knoxville, Tenn.
Southern Extracting Co., turpentine, Georgetown, S. C.
Southern Fero Concrete Co., Atlanta, Ga.
Southern Ferro Alloys Co., Chattanooga, Tenn.
Southern Fertilizer & Chemical Co., Savannah, Ga.
Southern Fertilizer Co., Louisville, Ky., Clayton, Ala., Orlando, Fla.
Southern Fibre Co., paper mfrs., Portsmouth, Va.
Southern Fire Brick & Clay Co., 133 W. Washington, Chicago, Ill.
Southern Fdry. Co., Nashville, Tenn., Owensboro, Ky. & Valdosta, Ga.
Southern Fdry. & Mach. Co., Lexington, Tenn.
Southern Furniture Co., Texarkana, Tex.
Southern Graphite Co., Ashland, Ala.
Southern Grocer Co., Ltd., masons' & bldrs.' matls., Monroe, La.
Southern Gypsum Co., wall plaster & stucco mfrs., North Holston, Va.
Southern Hardware Co., Charlotte, N. C.
Southern Hardware Co., Ltd., Monroe, La.
Southern Heating Co., Memphis, Tenn.
Southern Illinois Milling & Elevator Co., flour, Murphysboro, Ill.
Southern Ind. Mfg. Co., lbr., Birds Eye, Ind.
Southern Iron & Commission Co., Birmingham, Ala.
Southern Iron & Equipment Co., mchsts. & fdrs., Atlanta, Ga.
Southern Locomotive Valves Gear Co., Knoxville, Tenn.
Southern Lumber Co., Memphis, Tenn., Myrtis, La., & Warren, Ark.
Southern Lumber & Supply Co., Paulding, O.
Southern Lumberman, trade publication, Nashville, Tenn.
Southern Mach. Wks., 835 Tchoupitoulas, New Orleans, La. & Albany, Ga.
Southern Mfg. Co., flannels, Athens, Ga.
Southern Mfg. Co., machs. & fdrs., Columbus, Miss.
Southern Mfg. Co., sashes, doors & blinds, Gadsden, Ala.
Southern Marble Co., Worcester, Mass.
Southern Marble & Granite Co., Spartansburg, S. C.
Southern Mattress Co., 1109 Annunciation, New Orleans, La.
Southern Metal & Fndry. Corp., Portsmouth, Va.
Southern Mill Supply Co., Nashville, Tenn.
Southern Milling Co., flour, Nashville, Tenn.
Southern Mills Corp., cordage & twine mfrs., Oxford, Ala.
Southern Novelty Co., cloth tubes, Hartsville, S. C.
Southern Nov. Mfg. Co., advtg. spec., Memphis, Tenn.
Southern Oil & Chemical Co., printing inks & rosin oils, Savannah, Ga.
Southern Oil Corp., Tulsa, Okla.
Southern Oil & Fertz. Co., Meridian, Miss.
Southern Oregon Co., canned goods & lumber, Empire, Ore.
Southern Pacific Ry. Shops, mchsts. & fndrs., New Orleans, La.
Southern Paint & Varnish Wks., Atlanta, Ga.
Southern Paper Co., Moss Point, Miss.
Southern Paving Construction Co., Chattanooga, Tenn.
Southern Paving Gravel Co., Savannah, Ga.
Southern Piano & Organ Co., Houston, Tex.
Southern Pine Assn., lumber, New Orleans, La.
Southern Pine Co., Savannah, Ga.
Southern Pine Lumber Co., Montgomery, Ala. & Texarkana, Ark.
Southern Pine Mfg. Co., cross arms, Paducah, Ky.
Southern Pipe & Fdry. Co., grey iron castings, Knoxville, Tenn.
Southern Plow Co., Dallas, Tex.
Southern Plow Co., plow stocks, Columbus, Ga.
Southern Press Cloth Mfg. Co., Augusta, Ga.
Southern Product Co., canned goods, Seminary, Miss.
Southern Railway Supply Co., mill & factory supply, wholesale, 1323 E. Main, Richmond, Va.
Southern Railway Supply & Equipment Co., 113 N. 2nd, St. Louis, Mo.
Southern Refining Co., fertilizer, Athens, Ga.
Southern Refining Co., lubricating oils & greases, Los Angeles, Cal.
Southern Refining & Mfg. Co., Shennen Bldg., New Orleans, La.
Southern Rice Milling Co., 325 N. Peters, New Orleans, La.
Southern Rock Island Plow Co., Dallas, Tex.
Southern Roller Stave & Heading Co., Elizabeth City, N. C.

Southern-Rome Co., metal bedsteads mfrs., Baltimore, Md.
Southern Rubber & Supp. Co., mill and facty. supp., Atlanta, Ga.
Southern Saddlery Co., Chattanooga, Tenn.
Southern Sand & Gravel Co., Richmond, Va.
Southern Saw & Machinery Works, East Point, Ga.
Southern Saw Mill Co., Thomasville, Ga., & Whitney Bldg., New Orleans, La.
Southern Seating & Cabinet Co., car seats, chairs & fittings, Jackson, Tenn.
Southern Seed Co., acid phosphate, Louisville, Ky.
Southern Sewer Pipe Co., Birmingham, Ala.
Southern Sheet & Lime Plate Co., tin & iron sheets, Ashland, Ky.
Southern Skein & Foundry Co., Chattanooga, Tenn.
Southern Spindle & Flyer Co., Charlotte, N. C.
Southern Spoke & Mfg. Co., Shelby, Miss.
Southern Spring Bed Co., Atlanta, Ga.
Southern Stained Glass Co., 620 N. Eutaw, Baltimore, Md.
Southern Stamp Co., Little Rock, Ark.
Southern States Bag Co., Jacksonville, Fla.
Southern States Lime Corp., Charleston, S. C.
Southern States Lumber Co., Pensacola, Fla.
Southern States Phosphate & Fertilizer Co., Augusta, Ga.
Southern States Portland Cement Co., Rockmart, Ga.
Southern States Supply Co., mill & facty. & plumbers' supplies, Columbia, S. C.
Southern Stove Wks., Evansville, Ind.
Southern Stove Works, Richmond, Va.
Southern Structural Steel Co., San Antonio, Tex.
Southern Supply Co., mill & factory supplies, Norfolk, Va.
Southern Supply Co., plumbers' supplies—jobbers, Calvert & Sara, Baltimore, Md.
Southern Sweat Pad Co., Evansville, Ind.
Southern Syrup Co., canners, Montgomery, Ala.
Southern Tent & Awning Co., Lexington, Ky.
Southern Textile Machy. Co., Paducah, Ky.
Southern Tile & Brick Wks., Jackson, Tenn.
Southern Torpedo Co., Parkersburg, W. Va.
Southern Trading Co., mill & facty. supplies, Fort Worth, Tex.
Southern Welding & Reclaiming Co., Birmingham, Ala.
Southern Wheel Co., machsts. & fndrs., Railway Exch. Bldg., St. Louis, Mo.
Southern Wheel Stock Co., Ironton, Ohio.
Southern Wire & Iron Works, settees & chairs, lawn, Atlanta, Ga.
Southern Wis. Fndry. Co., Madison, Wis.
Southern Wood Preserving Co., ties, poles & posts & wood paving blocks, Atlanta, Ga.
Southey, Ernest G., architect, 983 Broad, Bridgeport, Conn.
Southgate, Donald W., architect, Arcade, Nashville, Tenn.
Southgate Press, calender pads, 87 Broad, Boston, Mass.
Southington Hdwe. Co., bevels, glass cutters, etc., Southington, Conn.
Southington Lumber & Feed Co., Southington, Conn.
Southington Mfg. Co., bit braces, handles, screw driver mfrs., Southington, Conn.
Southside Roller Mills Co., Winston-Salem, N. C.
Southwark Foundry & Machine Co., 400 Wash. av, Phila., Pa.
Southwark Mfg. Co., whiting & Paris white mfrs., Camden, N. J.
Southwark Scale Co., machsts. & fndrs., Camden, N. J.
Southwest Mfg. Co., silos, Oklahoma, Okla.
Southwest Plumbing Supply Co., 2030 Walnut, Kans. City, Mo.
Southwest Wire & Iron Works Co., mining screens, Kansas City, Mo.
Southwestern Broom Mfg. Co., Evansville, Ind.
Southwestern Engng. Co., flotation mach., Wesley Roberts Bldg., Los Angeles, Cal.
Southwestern Engng. Co., grain elevator machy., etc., Springfield, Mo.
Southwestern Mfg. Co., machsts. & fndrs., Okla., Okla.
Southwestern Mechanical Co., Ft. Worth, Tex.
Southwestern Portland Cement Co., El Paso, Tex.
Southwestern Sash & Door Co., Phoenix, Ariz.
Southwick, Geo., belt tighteners, 9 Maiden la, New York.
Southwick, Geo. W., Co., mill & facty. supplies, Stamford, Conn.
Southwick Power Co., contrs., 707 Kerscheval av, Detroit, Mich.
Southwick, Theron T., Oil Co., oils, Rochester, N. Y.
Southworth Co., paper & pulp mills, Mittineague, Mass.
Southworth Mach. Co., Portland, Me.
Souvenir Lead Pencil Co., Ceder Rapids, Ia.
Souweine Mfg. Co., hand mirrors, 103 Varick, New York.
Soverbutt, J. S. (Est. of), carriages, Paterson, N. J.
Soverel, S. H., contractor, Orange, N. J.
Sowers, Assa, chemist, 104 John, New York
Sowers Mfg. Co., soap makers' machy., 1320 Niagara, Buffalo, N. Y
Sowle, J. E., mill & facty. supplies, Gloversville, N. Y.
Sowney & Bros., carriages, 16th & Wood, Phila., Pa.
Spacke, F. N., Machine Co., compressors—air, Indianapolis, Ind.
Spackman, Henry S., Engng. Co., 2024 Arch, Philadelphia, Pa.
Spadone Machine Co., Inc., cloth cutting machines, 126 Duane, New York.
Spafford Machine Screw Wks., screws & screw mach. prodts. mfrs., 516 Asylum, Hartford, Conn.
Spafford, S. E., profiling machs., Hartford, Conn.
Spahr, Albert H., architect, Grosse Pointe, Detroit, Mich.
Spahr, Albert H., archt., Keystone Bldg., Pittsburgh, Pa.
Spahr Mfg. Co., milk bottle caps, 1423 Vine, Philadelphia, Pa.
Spakrs, Thos. E., contractor, Kirklin, Ind.
Spalding, A. G., & Bros., sporting goods mfrs., 126 Nassau, New York.
Spalding Canning Co., Griffin, Ga.
Spalding Construction Co., Rialto Bldg., San Francisco, Cal.
Spalding Fndry. Co., Atlanta, Ga.
Spalding, H. M., & Son, masons' & bldrs.' matls., Troy, Pa.
Spalding Lumber Co., 208 S. La Salle, Chicago, Ill.
Spalding-Robbins Disc Plow Co., 625 Market, San Francisco, Cal.
Spalding & Stewart, architects, Thief River Falls, Minn.
Spalding Tilling Machine Co., gang plows, 1434 W. 3d, Cleveland, Ohio.
Sphaler, W. G., & Son, turpentine, Taft, Fla.
Mass.
Spalten Bros., cornices, 1240 S. Crawford av, Chicago, Ill.
Spang, Chalfant & Co., machsts. & fndrs., Union Bank Bldg., Pittsburgh, Pa.
Spang & Co., machinists, Butler, Pa.
Spangler, Chas., machinists & founders, Allentown, Pa.
Spangler, E. J., Co., paper cups, envelopes, etc., 1237 N. Howard, Philadelphia, Pa.
Spangler, Frank, Co., stairs, builders' supplies, Toledo, Ohio.
Spangler, W. H., woolen flannels & blankets, Fitzpatrick, W. Va.
Spanish-American Cork & Specialty Co., cork mfrs., Balto., Md.
Spanish Fork Canning Co., Spanish Fork, Utah.
Spanish Peak Lumber Co., 1st Natl. Bank. Bldg., San Fran., Cal.
Spanjer Bros., wood models, trade marks & monograms, Ft. Center, Newark, N. J
Spann, Henry L., architect, 38 Ardmore pl, Buffalo, N. Y.
Spannhake, Otto L., architect, 13 Park Row, New York.
Spanogle-Yeager Milling Co., flour, Lewistown, Pa.
Sparger Concrete Co., Seattle, Wash.
Spargo, Wm. T., granite, S. Quincy, Quincy, Mass.
Spargo Wire Co., Rome, N. Y.
Sparklin & Childs, architects, Law Bldg., Baltimore, Md.
Sparks, C. A., contractors, Danville, Ill.
Sparks Driling Gas Co., well drilling tools, Charleston, W. Va.
Sparks & Evans, contractors, Abbott Bldg., Philadelphia, Pa.
Sparks, J. C., betanaphthol & aniline oils & salt, 30 Church, New York.
Sparks Milling Co., flour, Alton, Ill.
Sparks & Murphy, machinists, Petaluma, Cal.
Sparks, W. J., Co., crushed stone, Mt. Vernon, Ky.
Sparks-Withington Co., machinists, Jackson, Mich.
Sparr Cereal Co., farina, Marshfield, Wis.
Sparr, E. E., htg. contractor, St. Paul, Minn.
Sparrow, E. S., & Co., masons' & bldrs.' matls., Somerville, Mass.
Sparta Foundry Co., Sparta, Mich.
Sparta Iron Wks. Co., Sparta, Wis.
Sparta Mfg. Co., water stills, South Bend, Ind.
Sparta Mill Co., flour, Sparta, Tenn.
Sparta Plow Works, Sparta, Ill.
Sparta Roller Mill Co., Sparta, N. C.
Sparta Sash & Door Co., Sparta, Wis.
Spartan Grain & Mill Co., Spartanburg, S. C.
Spartan Mfg. Co., agricultural implements & corn mills, Pontiac, Ill.
Spartan Mills, cotton sheetings, Spartanburg, S. C.
Spartan Wagon & Buggy Co., Spartanburg, S. C.
Spartanburg Canning & Preserving Co., Spartanburg, S. C.
Spartanburg Fertilizer Co., Spartanburg, S. C.
Spartanburg Roller Mills, flour, Spartanburg, S. C.
Spates, S. P., & Co., masons' & bldrs.' matls., St. Paul, Minn.
Spates, Wm. T., cornices & skylights, Eastport, Me.
Spatz, H. P., cornices, 3901 Colerain av, Cincinnati, Ohio.
Spaulding Avery Lumber Co., Sioux City, Ia.
Spaulding Brass & Iron Foundry Co., Peru, Ind.
Spaulding, Chas. K., Logging Co., Newberg, Ore.
Spaulding, D. S., key rings, shears & scissors, Mansfield, Mass.
Spaulding, H. S., Co., sash, door & blind mfrs., Elmira, N. Y.
Spaulding, H. H., sash, door & blind, Hemet, Cal.
Spaulding, J., & Sons Co., paper & pulp mills & mill baskets, P. O. Box 52, Tonawanda, N. Y.
See adv index at end of book.
Spaulding, J. R., & Co., maps, Boston, Mass.
Spaulding, M. O., architect, Keene, N. H
Spaulding Mfg. Co., automobile bldrs., Grinnell, Ia.
Spaulding Mfg. Co., ladders, Clinton, Me.
Spaulding & Metcalf, mill & facty. supplies, 532 Arch, Philadelphia, Pa.
Spaulding & Moss Co., blue print paper drawing materials, 44 Federal, Boston, Mass.
Spaulding, W. H., architect, 34 Bergen av, Jamaica, N. Y.
Spawn, B. A., & Co., drinking fountains, 340 Central av, Newark, N. J.
Spayd Bros., machinists, Van Wert, O.
S. P. Brick Co., Exeter, Cal.
Speaight, Geo. W., chemicals, 248 N. 10th, Brooklyn, N. Y.
Speakes, P. G., Co., masons' & bldrs.' matls., 2845 2nd av, S., Minneapolis, Minn.
Speakman Supply & Pipe Co., jobbers, 30th & Spruce, Wilmington, Del.
Spear Bros., bldg. contrs., Burlington, Vt.
Spear, F. R., masons' & bldrs.' matls., Rockland, Me.
Spear, H. A., Jr., cornices, Walpole, Mass.
Spear, Jas., Stove & Heating Co., 1823 Market, Philadelphia, Pa.

Spear & Miller Co., brake shoes, 80 E. Jackson blvd., Chicago, Ill.
Spear, Moylan & Lasley, contractors, Toledo, Ohio.
Speares, Alden, Sons Co., lubrg. oils & greases, 149 B'way, New York.
Speare's, Alden, Sons Co., oils, Cambridge, Mass.
Spearin, George B., bridge foundations & dock bldrs., 90 West, New York.
Spears Axle Co., 27th & Main, Wheeling, W. Va.
Spears, C. A., & Son, lbr. mfrs., Grand Rapids, Mich.
Spears, E. F., & Sons, tow, Paris, Ky.
Spears & Riddle Co., mill & facty. supplies, Wheeling, W. Va.
Special Fire Alarm Elec. Signal Co., 44 E. 23d, New York.
Special Machy. Co., Bridgeport, Conn.
Spec. Pencil Co., advtg. spec., Fort Worth, Texas.
Spec. Sales Co., advtg., 929 18th av, Seattle, Wash.
Specialty Bolt & Rivet Wks., bolts, screws, etc., 132 Hillside av, Shelton, Conn.
Specialty Box Mfg. Co., folding crates, Portland, Ore.
Specialty Brass Co., Kenoshay, Wis.
Specialty Castings Co., Dayton, Ohio.
Specialty Device Co., cross arms, etc., 112 W. 3rd, Cincinnati, O.
Specialty Engng. Co., buckets, conveyors, crushers, etc., Trenton & Allegheny, Philadelphia, Pa.
Specialty Harness Co., bow rests, Dayton, Va.
Specialty Insulation Mfg. Co., Hoosick Falls, N. Y.
Specialty Knitting Wks., sweaters, 593 6th, Detroit, Mich.
Specialty Mach. Wks., 72 2d, San Francisco, Cal.
Specialty Mfg. Co., machinists, Decatur, Ill., & So. Norwalk, Conn.
Specialty Mfg. Co., mechanics' aprons, St. Anthony Park, Minn.
Specialty Mfg. Co., packing, 14 E. Jackson blvd., Chicago, Ill.
Specialty Mfg. Co., radiator air moisteners, 1049 N. Raymond av, St. Paul, Minn.
Specialty Mfg. Co., step ladders, swings, etc., Titusville, Pa.
Specialty Mfg. Co., surgical instruments, 15 Spruce, New York.
Specialty Mattress Co., Huntington, W. Va.
Specialty Products Co., snap fasteners, 494 Mulberry, Newark, N. J.
Specialty Reed Works, Spartanburg, S. C.
Specialty Shoe Machy Co., St. Joseph, Mo.
Specification Soap & Oil Co., 427 W. 13th, New York.
Speck Bros., contractors, Bethlehem, Pa.
Speck, Forest F., contractor, Bethlehem, Pa.
Speck, Marshall Co., mill & facty. supplies, 314 2d av, Pittsburgh, Pa.
Speck, Wm., machinist, 2132 Folsom, San Francisco, Cal.
Spedden Packing Co., James, Md.
Spedden Ship Bldg. Co., machsts., Boston & Kenwood, Balto., Md.
Spedden Supply Co., mill & facty. supplies, Boston & Kenwood av, Baltimore, Md.
Speddy, T. H. & Co., steel structural dealers, 85 2d, San Francisco, Cal.
Speeceville Brick Mfg. Co., Speeceville, Pa.
Speed, J. B., & Co., masons' & bldrs.' supplies, Louisville, Ky.
Speed Machine Co., concrete mixers, Passaic, N. J.
Speed & Stephenson, mill & facty. supplies, 170 Summer, Boston, Mass.
Speelman, Edw., contractor, Piqua, Ohio.
Speer Carbon Co., St. Marys, Pa.
Speer Gas Machine Mfg. Co., 412-413 Bumiller Bldg., Los Angeles, Cal.
Speer Hardware Co., Fort Smith, Ark.
Speer, L. J., & Son, contractors, Sea Isle City, N. J.
Speer, M. B., & Co., scrap iron & steel, 515 Reedsdale, Pittsburgh, Pa.
Speer, M., Iron & Metal Co., Sharon, Pa.
Speer, W. B., glass blowers' pipes, 107 Carson, Pittsburgh, Pa.
Speich Stove Repair Co., 130 W. Water, Milwaukee, Wis.
Speicher, D. E., machinist, Urbana, Ind.
Speidel, J. G., elevator, hoists & crane mfrs., Reading, Pa.
See adv index at end of book.
Speidell, C. E., & Son, stone, Lincoln, Neb.
Speiden, Chas. E., archl. iron, 620 C, S. E., Washington, D. C.
Speiden & Hoffman, archl. iron, Washington, D. C.
Speiden & Speiden, architects, 1403 N. Y. av, N. Y., Washington, D. C.
Speirs Bros., boilers, tanks, etc., New London, Conn.
Spelke Constr. Co., 231 Atlantic, Stamford, Conn.
Spellman & Co., masons' & bldrs.' matls., Lincoln, Ill.
Spellman, Jas. F., & Sons Co., dock bldrs., Bangor, Me.
Spellman, Jos. R., metallurgical engrs., 300 W. 121st, New York.
Spena, John W., machinists, Wakeeny, Kan.
Spence-Baggs Stove Co., Martin's Ferry, Ohio.
Spence, Bell & Co., glass stainers, 90 Canal, Boston, Mass.
Spence Bros., contractors & stone producers, 12960 Euclid av, Cleveland, Ohio, & Saginaw, Mich.
Spence Degreasing Co., 26 av L, Newark, N. J.
Spence, George, Jr., contractor, Troy, N. Y.
Spence, J. H., canned goods, Smithville, Md.
Spence, Jas., contractor, 131 E. 18th, New York.
Spence, Jas., founder, 923 Garfield av, Jersey City, N. J.
Spence & Rideout, machsts. & fndrs., Nashua, N. H.
Spence, Smith & Kootz Co., machy. dealers, Parkersburg, W. Va.
Spencer Bros., sashes, doors & blinds, Lebanon, N. H.
Spencer & Chatterton, cotton damasks, 5817 Walker, Phila., Pa.
Spencer Elec'l Co., telephones & app., 163 Greenwich, New York.
Spencer, F. A., cornices & skylights, Council Bluffs, I. A.
Spencer, F. E. Co., mill & facty. supplies, New Haven, Conn.
Spencer, F. M., & Son, contractors, Topeka, Kans.
Spencer, Geo. G., steel struct. dlrs., 332 S. La Salle, Chicago, Ill.
Spencer Glove Co., Waverly, N. Y.
Spencer Hardware Co., Keene, N. H.
Spencer Heater Co., Scranton, Pa.
Spencer, J. A., baling presses, Dwight, Ill.
Spencer, J. N., road culverts, Havre de Grace, Md.
Spencer, L. D., masons' & bldrs.' matls., Hammond, La.
Spencer Lens Co., lenses & microscopes, etc., Buffalo, N. Y.
Spencer Mfg. Co., neck yokes, Spencer, Ind.
Spencer Mountain Mills, cotton damasks, Lowell, N. C.
Spencer, N. S., & Son, architects, 37 W. Van Buren, Chicago, & Champaign, Ill.
Spencer Optical Co., reading glasses, 7 Maiden la, New York.
Spencer, Otis, Co., railroad equip., 80 E. Jackson blvd, Chicago, Ill.
Spencer & Powers, architects, 10 S. La Salle, Chicago, Ill.
Spencer, R., weather strips, Hearst Bldg., San Francisco, Cal.
Spencer, R. B., architect, Jackson, Miss.
Spencer, R. B., & Co., sashes, doors & blinds, Dublin, Texas.
Spencer Regulator Co., Salem, Mass.
Spencer, S. M., Mfg. Co., steel & rubber stamps & stencils, 9 Cornhill, Boston, Mass.
Spencer-Smith Machine Co., engine pistons, Howell, Mich.
Spencer & Spencer, contrs., Ithaca, N. Y.
Spencer Stone Co., Indianapolis, Ind., & Spencerville, Ohio.
Spencer Turbine Cleaner Co., hand vacuum cleaners, Hartford, Conn.
Spencer, Wm. M., Sons Co., canned goods, 324 E. 2d, Cincinnati, Ohio.
Spencer, Wilton H., mill & facty. supplies, 11 Exchange pl., Providence, R. I.
Spencer Wire Co., 80 Webster, Worcester, Mass.
Spencerian Pen Co., 349 B'way, New York.
Spencer's, L. S., Sons, Inc., light iron & brass castings & genl. hwde., Guilford, Conn.
Spencer's, S. S., Sons, push buttons, Guilford, Conn.
Spencerville Tile Co., Spencerville, Ohio.
Spengemann Bros., masons' & bldrs.' matls., 304 N. Central av, Baltimore, Md.
Spengler-Loomis Mfg. Co., eyers, grinders, etc., 58 E. Washington, Chicago, Ill.
Spengler, S., sashes, doors & blinds, Vicksburg, Miss.
Sperry & Alexander Co., cutlery mfrs.—who. hdwe., 79 Chambers, New York.
Sperry & Amos Co., sash, door & blind mfrs., New Haven, Conn.
Sperry & Barnes Co., meat packers, New Haven, Conn.
Sperry & Beale Co., mattresses, 141 King, Brooklyn, N. Y.
Sperry & Buell, architects, Bristol, Conn.
Sperry, D. R., & Co., farm boilers, bake oven castings, filter presses, Batavia, Ill.
Sperry Engineering Co., 82 Church, New Haven, Conn.
Sperry Flour Co., San Francisco, Cal.
Sperry Gyroscope Co., compasses, searchlights, aeronautic apparatus, fire control instrts. & ship & airplane stabilizers extension, 40 Flatbush av, Brooklyn, N. Y.
Sperry, Joseph E., architect, Calvert Bldg., Baltimore, Md.
Sperry Mfg. Co., wood handles, New Haven, Ind.
Sperry & Treat Co., contractors, 39 Church, New Haven, Conn.
Sperry Wire & Iron Works, 178 Oak, San Francisco, Cal.
Speth, John V., & Co., contractors, 1714 Sansom, Phila., Pa.
Spetnagle Hardware Co., Chillicothe, Ohio.
Speyer & Speyer, architects, 130 N. 5th av, Chicago, Ill.
Sphaler, W. G., turpentine, Taft, Fla.
Sphar Brick Co., Maysville, Ky.
Spicer, James S., contractors, 246 W. Brighton av, Syracuse, N. Y.
Spicer, John, sweaters, bathing suits, etc., 84 Woodbine, Brooklyn, N. Y.
Spicer Mfg. Co., drop forgings, cars & trucks, South Plainfield, N. J.
Spicer, Wm. E., & Co., machsts., Janesville, Wis.
Spicer's, David, Sons, contractors, 51 Casper, Detroit, Mich.
Spickard, C. H., & Son, canned goods, Blue Ridge Springs, Va.
Spicker, Henry J., Co., contrs., 409 Michigan, Toledo, Ohio.
Spickett Broom Co., Lawrence, Mass.
Spickler, L. A., & Sons, carriages, Spickler, Md.
Spiegle, Geo. M., & Co., lbr., 18th & Somerset, Phila., Pa.
Spieler, Jos., cornices & skylights, Beatrice, Neb.
Spielman Elec. Co., cigar lighters, 1931 B'way, New York.
Spielman, H., archt., Hulbert Blk., Cincinnati, Ohio.
Spier & Gehrke, architects, Chamber of Com. Bldg., Detroit, Mich.
Spiers Brick Co., 79 Milk, Boston, Mass.
Spiers, Lederle Glass Co., 900 6th av, New York.
Spies Elec, Works, bells, 564 W. Van Buren, Chicago, Ill.
Spies, Thompson, Lbr. Co., Menominee, Mich.
Spigle, W. G., canned goods, Troutville, Va.
Spiker, A., & Sons, brick, Quincy, Ill.
Spillman, B. W., architect, Alamo Bk. Bldg., San Antonio, Tex.
Spillsbury, E. Gylbon, Engng. Co., 45 B'way, New York.
Spinach, Henry, Contracting Co., 216 Lounsbury, Waterbury, Conn.
Spinapont, Louis V., & Co., contractors, 68 Bedford, New York.
Spinaway Boat Motor Co., Freeport, Ill.

Spindler & Deringer, machsts. & fndrs., 243 Mercer, Jersey City, N. J.
Spindler, E. O., textile machy., 350 B'way, New York.
Spies, John, coin wrappers, Watertown, N. Y.
Spindler, V. G., canned goods, Halethorpe, Md.
Spink, Wm. H., contractor, Hornell, N. Y.
Spinks Hdwe. Co., La Grange, Ga.
Spinks, Harry C., contractor, Newport, Ky.
Spinks, T. W., Co., masons' & bldrs.' matls., Covington, Ky.
Spinks, Wm. A., & Co., billiard cue cements, 362 W. Erie, Chicago, Ill.
Spinner Bros., carriages, Lansing, Ia.
Spinner, Ed. F., agricultural implements, Ava, Ill.
Spinner, F. E., & Co., architects, 35 Warren, New York.
Spiral Conveyor Co., 1610 S. Rockwell, Chicago, Ill.
Spire & Prior, contractors, Ellicott sq., Buffalo, N. Y.
Spirella Co., machsts., Meadville, Pa.
Spiritine Chem. Co., Wilmington, N. C.
Spiro, C., Mfg. Co., waste paper baskets, 68 E. 131st, New York
Spiro Hardware Co., Birmingham, Ala.
Spitcaufsky Bros., contrs., 2512 Wyandotte, Kansas City, Mo.
Spitzer Cornice Wks., 1061 Addison, Chicago, Ill.
Spitzer, Maurice, architect, 5 N. La Salle, Chicago, Ill.
Spitzmiller, Jos., stone, 2192 Shadwell, Cincinnati, Ohio.
Spitzmiller, L., stone, 2197 Clara, Cincinnati, Ohio.
Splady, Albee & Smith, contractors, Plymouth Bldg., Minneapolis, Minn.
Splitdorf, C. F., spark timers, 98 Warren, Newark, N. J.
Splitdorf Electrical Co., 98 Warren, Newark, N. J.
Splittstoser Mfg. Co., potato sprayers, North Branch, Minn.
S-P Manufacturing Co., tools & special machinery, 872 E. 72nd, Cleveland, Ohio.
Spoerer's, Carl, Sons Co., automobile bldrs., 909 S. Carey, Baltimore, Md.
Spofford, John C., architect, 15 Beacon, Boston, Mass.
Spokane Auto. Mfg. Co., Spokane, Wash.
Spokane Casket Co., Spokane, Wash.
Spokane Corrugated Culvert & Tank Co., cornices & skylights, Spokane, Wash.
Spokane Culvert & Flume Co., Spokane, Wash.
Spokane Falls Gas Light Co., aqua ammonia, Spokane, Wash.
Spokane Flour Mills, Spokane, Wash.
Spokane Fdry. Co., Spokane, Wash.
Spokane Furnace Co., cornices & skylights, Spokane, Wash.
Spokane Hardware Co., Spokane, Wash.
Spokane Incubator Co., Spokane, Wash.
Spokane Lumber Co., Spokane, Wash.
Spokane Orna. Iron & Wire Wks., Spokane, Wash.
Spokane Paint & Oil Co., Spokane, Wash.
Spokane Pressed Brick Co., Spokane, Wash.
Spokane Sash & Door Co., Spokane, Wash.
Spokane Stamp Wks., baggage checks, Spokane, Wash.
Spokesman Publishing Co., 128 Opera pl, Cincinnati, Ohio.
Sponer, A. T., Co., contrs., Springfield, Mass.
Sponhauer, H. C., cornices & skylights, Galion, Ohio.
Sponholtz, Carl L., architect, Beverly, Mass.
Spool Cotton Co., 315 4th av, New York.
Spooner, Allen N., & Son, dock bldrs., Pier 11, N. R., New York.
Spooner, Herman W., architect, Gloucester, Mass.
Sporl, Edward F., architect, 606 Commercial pl, New Orleans, La.
Sporting Goods Sales Journal, trade publication, 38 Park Row, New York.
Sporting News Publishing Co., Penn Bldg., St. Louis, Mo.
Sportsman's Shot Wks., lead pipe, etc., Court & Harriet, Cincinnati, Ohio.
Spotless Steam Sponger Co., machsts. & fndrs., Whitney Power Blk., Cleveland, Ohio.
Spotswood, E. R., & Son, lumber, Lexington, Ky.
Spotswood-Helfer Co., whol. hdwe., 258 1st, San Francisco, Cal.
Spottiswoode-Cusack Co., stone producers, Orange, N. J.
Spowage-Ryan Co., contractors, Sioux City, Ia.
Spracklin Boiler & Mach. Co., Trenton, N. J.
Sprackling, A. E., architect, Caxton Bldg., Cleveland, Ohio.
Spradlin, W. H., architect, Fulton, Ky.
Sprague, A. O., flour mills, St. Francis, Ark.
Sprague, Breed & Brown Co., masons' & bldrs.' matls., Beverly, Mass.
Sprague Bros., bldg. contrs., Portland, Ore.
Sprague Bros., machinists, Bakersfield, Cal.
Sprague Canning Machinery Co., 222 N. Wabash av, Chicago, Ill.
Sprague, E. H., common brick, Elkhorn, Wis.
Sprague, E. S., archl. iron, 318 W. Austin av, Chicago, Ill.
Sprague Elec. Wks. of Gen'l Elec. Co., 527 W. 34th, New York.
Sprague Fdry. & Mfg. Co., Council Bluffs, Ia.
Sprague, H. L., architect, 310 Main, Springfield, Mass.
Sprague & Henwood, contractors, Scranton, Pa.
Sprague Iron Wks., 318 W. Austin av, Chicago, Ill.
Sprague, J. P., Co., contrs.' supplies, Rialto supp., Rialto Bldg., Kansas City, Mo.
Sprague, L., Co., machsts., Lawrence, Mass.
Sprague Meter Co., machsts., Bridgeport, Conn.
Sprague, Smith Co., plate glass, 164 W. Randolph, Chicago, Ill.
Sprague Umbrella Co., auto. windshields, Norwalk, Ohio.
Sprague, Wm., & Co., machsts., 630 Filbert, Philadelphia, Pa.
Sprang, Wm., machinist, Loudonville, Ohio.
Spranger Rim & Wheel Co., 139 Beaubien, Detroit, Mich.
Sprankle Co., contractors, Oklahoma, Okla.
Spratt, A. D., mill engineers, East Corinth, Me.
Spratts Patent Am. (Ltd.), dog biscuits, 14 Congress, Newark, N. J.
Spray Engineering Co., pneumatic painting equipment, 93 Federal, Boston, Mass.
Sprecher Lumber Co., Independence, Wis.
Sprecher's, I. G., Sons, sash weights, Ephrata, Pa.
Spreckles Sugar Co., 60 California, San Francisco, Cal.
Sprenger, Jos., & Sons, steel plate wk., Detroit, Mich.
Spriesterbach, G. W., Co., cornices, Alamosa, Colo.
Spring City Foundry Co., Waukesha, Wis.
Spring City Mill Co., flour, Spring City, Tenn.
Spring Construction Co., Berkeley, Cal.
Spring Creek Milling Co., flour, Spring Creek, W. Va.
Spring Creek Roller Mill Co., flour, Huntersville, Ky.
Spring, G. W., sashes, doors & blinds, Crooksville, Ohio.
Spring Garden Brick Co., (Ltd.), brick, York, Pa.
Spring Garden Marble & White Lime Co., St. Louis, Mo.
Spring Handle Co., carpet beaters, Abingdon, Ill.
Spring Hill Fuel Co., masons' & bldrs.' matls., Seattle, Wash.
Spring Hope Cotton Oil Co., Spring Hope, N. C.
Spring Leaf Lubricator Co., spreaders, Ann Arbor, Mich.
Spring Perch Co., machsts., Bridgeport, Conn.
Spring River Stone Co., Carthage, Mo.
Spring, Russell C., architect, 185 Devonshire, Boston, Mass.
Spring Snap Fastener Co., 16 W. 39th, New York.
Spring Steel Fence & Wire Co., Anderson, Ind.
Spring Valley Iron Co., Wellston, Ohio.
Spring Valley Packing Co., Spring Valley, Ohio.
Spring Valley Stave & Heading Co., wagon spokes, Spring Valley, Wis.
Springbrook Canning Co., Springbrook, Ore.
Springer Bros. Mfg. Co., agric. implement mfrs., Edwardsville, Ill
Springer, J. S., brick, Celina, Ohio.
Springer & Rogers, contractors, New Philadelphia, Ohio.
Springer, W. E., & Co., whol. hdwe., Wilmington, N. C.
Springer-Whitaker Fdry. Co., Terre Haute, Ind.
Springets Mills, paper, York, Pa.
Springfield Abbatoir Co., meat packers, Springfield, Ohio.
Springfield Aircraft Corp., aeroplanes, Wason av, Springfield, Mass.
Springfield Auto. Top & Upholstering Co., Springfield, Mass.
Springfield Belting & Supply Co., Springfield, Mass.
Springfield Blanket Co., Holyoke, Mass.
Springfield Body Co., auto. fenders, tops, wind shields, etc., Birnie av, Springfield, Mass.
Springfield Boiler & Mfg. Co., boilers, heaters, tanks, etc., Springfield, Ill.
Springfield Brass Co., machsts. & fndrs., Springfield, Ohio, & Springfield, Vt.
Springfield Brick Co., Springfield, Mass.
Springfield, C. W., & Co., blankets, South Wolfboro, N. H.
Springfield Clay Mfg. Co., flower pots, Springfield, Ohio.
Springfield Coal & Ice Co., masons' & bldrs.' matls., Springfield, Ohio.
Springfield Coffin & Casket Co., Springfield, Ohio.
Springfield Commercial Body Co., 310 Main, Springfield, Mass.
Springfield Contractors' Supply Co., masons' & bldrs.' matls., Springfield, Mass.
Springfield Elec. Co., knife switches, Springfield, Mass.
Springfield Facing Co., charcoal, foundry facings & supplies & case hardening compound, 317 Main, Springfield, Mass.
See adv index at end of book.
Springfield Foundry Co., 3215 Smallman, Pittsburgh, Pa., & Springfield, Mass.
Springfield Gas Fixture Co., Springfield, Ohio.
Springfield Grinding Co., grinding wheels, Huntington rd, Chester, Mass.
Springfield Hardware Co., dealers, Springfield, Ohio.
Springfield Harness Co., carriage joints, Springfield, Mass.
Springfield Incubator Co., Springfield, Ohio.
Springfield Iron Works, machsts., Springfield, Mass.
Springfield Mach. Co., Springfield, Mass.
Springfield Machine Tool Co., lathes & shapers, Springfield, O.
Springfield Malleable Iron Co., castings, Springfield, Ohio.
Springfield Mfg. Co., emery & corundum wheel mfrs., Bridgeport, Conn.
Springfield Mfg. Co., portable houses, Keene, N. H.
Springfield Mattress Co., Springfield, Ill.
Springfield Metallic Casket Co., metallic burial cases, Springfield, Ohio.
Springfield Milling Co., flour, Springfield, Minn.
Springfield Paving Brick Co., Springfield, Ill.
Springfield Planing Mill & Lumber Co., Springfield, Ohio.
Springfield Planing Mill & Lumber Const. Co., Springfield, Mo.
Springfield Plumbing Co., Springfield, Mo.
Springfield Provision Co., meat packers, Springfield, Mass.
Springfield Rendering Co., soap, Springfield, Mass.
Springfield Spring Co., Springfield, Ohio.
Springfield Stone & Fuel Co., masons' & bldrs.' matls., Springfield, Mo.
Springfield Tool Co., special tools, 125 Dwight, Springfield, Mass.
Springfield Wagon Co., Springfield, Mo.
Springfield Waste Co., Springfield, Mass.
Springfield Webbing Co., Springfield, Mass.
Springfield Wire Screen Co., Springfield, Ill.
Springfield Woolen Mills Co., woolen blankets; Springfield, Tenn.

Springgate, W. G., contr., 4323 Washington, St. Louis, Mo.
Springman Paper Products Co., easels, gaskets, paper, Detroit, Mich.
Springman's, J. T., Sons, machinists, 904 7th, S. W., Washington, D. C.
Springsted & Adamson, contractors, 434 E. 107th, New York.
Springsteen Bros., contractors, Haverstraw, N. Y.
Springston Lumber Co., sash, door & blind mfrs., Spokane, Wash.
Springville Canning Co., Springville, N. Y., & Springville, Utah.
Springwells Clay Pipe Co., Orion, Mich.
Sproul, E. W., Co., contractors, 1120 W. 35th, Chicago, Ill.
Sproul & MucGurrin Co., steam fitters' supplies, Grand Rapids, Mich.
Sproul Matt. Co., agricultural implements, Sparta, Ill.
Sprout, Waldron & Co., mill & facty. supplies, Muncy, Pa.
Spruance-Gilbert Co., varnish mfrs., 312 N. 3d, Philadelphia, Pa.
Spruck, Henry, & Son, contractors, 304 Broad, Stapleton, N. Y.
Spruks Bros., contractors, Scranton, Pa.
Sprung, Harry J., architect, 44 Court, Brooklyn, N. Y.
Spry Lumber Co., 111 W. Monroe, Chicago, Ill.
S. P. Stove Co., elec. cooking app., Wilmette, Ill.
Spuck Iron & Fdry. Co., 14th & Branch, St. Louis, Mo.
Spurbeck-Lambert Co., tubs, butter, Algona, Iowa.
Spurgin Mfg. Co., baths, blotter, 7011 Vincennes av, Chicago, Ill.
Spurr, E. W., Co., masons' & bldrs.' matls., Lakeville, Conn.
Spurr, J. J., & Sons, stone, Harrison, N. J.
Spuyten Duyvil Const. Co., 271 W. 125th, New York.
Square D Co., knife switches & panel board cabinets, 1411 Ribard, Detroit, Mich.
Square Turn Tractor Co., Chicago, Ill.
Squibb, E. R., & Sons, cresol imptrs., 78 Beekman, New York.
Squibb, W. P., & Co., gin distillers, Lawrenceburg, Ind.
Squier & Co., lumber, Monson, Mass.
Squier, Ed. E., Co., fdry. facings & supplies, Federal Reserve Bank Bldg., St. Louis, Mo.
Squier, Geo. L., Mfg. Co., rice & coffee hulling machy., evaporators, Buffalo, N. Y.
Squire, John P., & Co., meat packers, Cambridge, Mass.
Squire, Jno. R., Co., cornices, Youngstown, Ohio.
Squires, A. J., stone producers, Hulberton, N. Y.
Squires, B., flour mills, Cloverport, Ky.
Squires & Byrne Rubber Co., packing mfrs., mill & facty. supp., San Francisco, Cal.
Squires, C. E., Co., steam traps, etc., E. 40th & Kelley av, Cleveland, Ohio.
Squires, C. W., Mfg. Co., street ry. track switches, Beverly, Mass.
Squires, Chas. W., architect, Emporia, Kans.
Squires, Frank C., architect, 628 Kansas av, Topeka, Kans.
Squires, Walter L., contractor, Hartford, Conn.
Squirrel Hill Brick Co., Haldane & Connor, Pittsburgh, Pa.
S. R. Mfg. Co., marine engines, Schenectady, N. Y.
S. & S. Automatic Grate Co., 844 W. 63d, Chicago, Ill.
S. & S. Contracting Co., 15 Park Row, New York.
Staab, G., soap, 54 Royal, Pittsburgh, Pa.
Staab, Wm. E., architect, Glenridge, N. J.
Staar, Frank, cornices, 1473 N. Halsted, Chicago, Ill.
Staats, C. B., & Son, contractors, 242 10th, E., Salt Lake City, Utah.
Staats, Geo., & Co., mchsts. & fndrs., 74 Bayard, B'klyn, N. Y.
Staats, W. H., Co., change-making machs., Cohoes, N. Y.
Stabell, Jos. F., Co., contractors, 1127 Niagara, Buffalo, N. Y.
Stabley, W. H., lumber, Felton, Pa.
Stacey Bros. Gas Construction Co., Sta. P, Cincinnati, Ohio.
Stacey Mfg. Co., gas holders, steel plate work, etc., Township av & Big 4 R. R., Elmwood, Cincinnati, Ohio.
Stack Const. Co., Duluth, Minn.
Stack Heater Co., water heating, 78 Portland, Worcester, Mass.
Stack, Jno. K., architect, 12 E. Lexington, Baltimore, Md.
Stack Lbr. Co., Masonville, Mich.
Stackpole Carbon Co., St. Marys, Pa.
Stacy, E. S., Machine Co., mill & facty. supp., Springfield, Mass.
Stacy, Eugene C., logging & lumberman's tools, Tiffin, O.
Stacy, Harry H., architect, Leominster, Mass.
Stacy-Judd, Robert, architect, Minot, N. D.
Stacy, W. H., architect, 36 S. Perry, Dayton, O.
Stadel, G., & Co., architects, Stamford, Conn.
Stader, Conrath, Constr. Co., Erie, Pa.
Stadier, J. L. H., Rendering & Fertilizer Co., 908 Denison av, N. W., Cleveland, Ohio.
Stadsvold, S. S., flour, Fosston, Minn.
Staege & Dewey, architects, Charlebois Bros. Bldg., Watertown, N. Y.
Staehlin, Gustavus, architects, 810 Broad, Newark, N. J.
Stafford Co., mchsts. & fndrs., looms, Readville, Mass.
Stafford-Crandall Packing & Fishing Co., Wilmington, Cal.
Stafford, E. H., Mfg. Co., furniture, 218 S. Wabash av, Chicago, Ill.
Stafford & Holt, mchsts., Little Falls, N. Y.
Stafford, John, contractor, 1112 Chestnut, Philadelphia, Pa.
Stafford Milling Co., flour, Martin, Tenn.
Stafford Motor Car Co., auto. bldrs., Kansas City, Mo.
Stafford, Nelson, Co., stencils, 67 Fulton, New York.
Stafford, S. S., paste, typewriter ribbons, 609 Wash'n, New York.
Stafford, Wright & Son, stacks, tanks, boilers, etc., Lawrence, Mass.
Stafford's, Jas., Sons, horse & woolen blankets, Kram's av, Philadelphia, Pa.
Stag Co., sharpening machines, 329 Plymouth, Chicago, Ill.
Stagg, Geo. T., Co., distillers, Frankfort, Ky.
Stagg, J. P., masons' & bldrs.' matls., who. hardware, Anaconda, Mont.
Stagg, Thos. E., & Son, sash, door & blind mfrs., Henrico Co., Richmond, Va.
Stahl & Carson, contractors, Ella bl., Wyoming, Phila., Pa.
Stahl, Geo., architect, Ozone Park, N. Y.
Stahl, Geo. H., incubators & brooders, Quincy, Ill.
Stahl, H. E., mchsts., Trenton, N. J.
Stahl & Kinsey, architects, 117 Fort, W., Detroit, Mich.
Stahl Mfg. Co., lubricators, 983 17th av, S. E., Minneapolis, Minn.
Stahl, Otto, meat packers, 2332 3d av, New York.
Stahl Rectifier Co., 1401 W. Jackson, Chicago, Ill.
Stahl & Rudolph, flour mills, Barlow, Ky.
Stahl, Wm., Sprayer Co., pumps, Quincy, Ill.
Staiger Hardware Co., Michigan City, Ind.
Staiman Bros., scrap rubber, Williamsport, Pa.
Stainthorpe, C. N., & Co., contr., mason' & bldrs.' matls., Lockport, N. Y.
Stair, Robert A., architect, York, Pa.
Staker, Chas E., contractor, 687 E. 219th, New York.
Stalcup, E. L., agricultural implements, Unionville, Mo.
Stalcup Mach. Shop & Garage, Unionville, Mo.
Staley, A. E., Mfg. Co., starch mfrs., Decatur, Ill.
Staley Elec. Elev. & Mach. Co., 136 Prince, New York.
Staley, H. B., Co., flour mills, Marion, Va.
Staley's Creek Manganese & Iron Co., Marion, Va.
Stalker, G. H., sash, door & blind mfrs., Rochester, N. Y.
Stalker Mfg. Co., bridle bits, 71 W. B'way, New York.
Stall Bros., brick, Arcadia, Ohio.
Stall & Dean Mfg. Co., baseball gloves, 855 Elston av, Chicago, Ill.
Stall & Dean Mfg. Co., sporting & athletic goods, Brockton, Mass.
Stallings, A., contr., Suffolk, Va.
Stallman, F. A., trunks, 57 E. Spring, Columbus, Ohio.
Stallman, F. O., Supply Co., machinery dealers, First, at Natoma, San Francisco, Cal.
Stallman, Jno., cornices & skylights, Sioux Falls, S. D.
Stallsmith, Geo. W., sash, door & blind, Gettysburg, Pa.
Stalnaker, W. S., masons' & bldrs.' matls., Logansport, Ind.
Stambaugh-Thompson Co., mill & factory supplies, wholesale hardware, Youngstown, Ohio.
Stamford Foundry Co., Stamford, Conn.
Stamford Gas Stove Co., Stamford, Conn.
Stamford Iron Works, Stamford, Conn.
Stamford Jobbing Fdy. Co., Stamford, Conn.
Stamford Mfg. Co., chemicals, 82 Wall, New York.
Stamford Masons' Supply Co., Stamford, Conn.
Stamford Mill & Elevator Co., flour, Stamford, Tex.
Stamford Motor Co., Stamford, Conn.
Stamford Oil Mill Co., meal, Stamford, Tex.
Stamford Rolling Mills Co. brass discs, sheet copper & brass mills, Springdale, Conn.
Stamford Rubber Supply Co., chloride of sulphur & rubber substitutes, Stamford, Conn.
Stamler, E., architect, Lexington, Ky.
Stamley & Scheibel, architects, Wick Bldg., Youngstown, Ohio.
Stamm, Jacob, flour mills, Iuka, W. Va.
Stamm Machine Works, Aurora, Ind.
Stamm, Max., scrap iron, Paterson, N. J.
Stamm, Scheele Mfg. Co., Ltd., Rayne, La.
Stammers, S. J., architect, 500 5th av, New York.
Stamp, J. M., lumber, Bonnieville, Ky.
Stamping & Tool Co., machinists & founders, La Crosse, Wis.
Stanard Tilton Milling Co., cereal foods, Pierce Bldg., St. Louis, Mo.
Stanchfield, H. J., & Co., mill & facty. supplies, Lawrence, Mass.
Stancliff Well Screen & Mfg. Co., Houston, Tex.
Standard Accident Insurance Co., Detroit, Mich.
Standard Acid Works, Continental Bldg., Baltimore, Md.
Standard Action Co., piano action, Cambridge, Mass.
Standard Adding Mach. Co., Forest Park Bldg. & Spring av, St. Louis, Mo.
Standard Advertising Sign Co., signs, 24 E. 27th, New York.
Standard Alloys Co., tool steel, Vanadium Bldg., Pittsburgh, Pa.
Standard Aluminum Co., machsts., Two Rivers, Wis.
Standard American Dredging Co., Central Bldg., Los Angeles, Cal.
Standard Architectural Iron Works, 2300 Bloomingdale av, Chicago, Ill.
Standard Arms Mfg. Co., machsts., Wilmington, Del.
Standard Art Glass Co., 237 Lafayette, New York.
Standard Asbestos Co., 75 Fulton, New York.
Standard Asbestos Mfg. Co., pipe covering, 822 W. Lake, Chicago, Ill.
Standard Asphalt & Rubber Co., 208 S. La Salle, Chicago, Ill.
Standard Auger Co., 57 W. 34th, Chicago, Ill.
Standard Auto Accessory Co., Leipsic, Ohio.
Standard Automatic Machine Co., package sealing machines, etc., Rochester, N. Y.
Standard Bedding Co., mattresses, 113 Chicago, Milwaukee, Wis.
Standard Bithulithic Co., paving contrs., 50 Church, New York.

Standard Blue Stone Co., 76 Montgomery, Jersey City, N. J.
Standard Boiler & Plate Iron Co., Niles, O.
Standard Boiler Works, tubular, Seattle, Wash.
Standard Bolt Co., Columbus, Ohio.
Standard Bone Cutter Co., Milford, Mass.
Standard Box Co., Bryant & Beale, San Francisco, Cal.
Standard Box & Lumber Co., Portland, Ore.
Standard Braid Co., cotton banding, etc., Attleboro Falls, Mass.
Standard Brake Shoe & Fdy. Co., Pine Buff, Ark.
Standard Brass & Aluminum Foundry Co., 990 E. 67th, Cleveland, Ohio.
Standard Brass & Aluminum Foundry Co., castings, Syracuse, N. Y.
Standard Brass & Bronze Mfg. Co., shade holders, 813 Libert, Pittsburgh, Pa.
Standard Brass Casting Co., Oakland, Cal.
Standard Brass & Copper Tube Co., New London, Conn.
Standard Brass & Iron Works, 1820 St. Paul av, Milwaukee, Wis.
Standard Brass Mfg. Co., machsts., Utica, N. Y.
Standard Brass Works, mchsts. & brass fndrs., 98 Wight, Detroit, Mich.
Standard Brazing Co., 43 Bromfield, Boston, Mass.
Standard Brick Co., Augusta, Ga.; Charleston, W. Va.; Crawfordsville, Ind.; Los Angeles, Cal., & 496 Clement av, Milwaukee, Wis.
Standard Brick Mfg. Co., Evansville, Ind.
Standard Brick & Tile Co., 81 4th, Portland, Ore.
Standard Bridge Co., City Nat. Bk. Bldg., Omaha, Neb.
Standard Brush Co., New Hartford, Conn.
Standard Building Material Co., Elizabeth, N. J.
Standard Butter Cutter Co., 244 Greenwich, New York.
Standard Button Works, 417 6th av, New York.
Standard Cabinet Mfg. Co., Peru, Ind.
Standard Calorimeter Co., East Moline, Ill.
Standard Canning Co., Noblesville, Ind.
Standard Car Truck Co., machsts., 332 S. Michigan av, Chicago, Ill.
Standard Car Wheel Co., Cleveland, Ohio.
Standard Carriage Co., Denver, Colo.
Standard Cash Register Co., North Manchester, Ind.
Standard Cast Iron Pipe & Fdry. Co., Bristol, Pa.
Standard Castings Co., mchsts. & fndrs., Lansing, Mich.
Standard Cedar & Lumber Co., 511 Lumber Ex., Minneapolis, Minn.
Standard Charcoal Co., Bradford, Pa.
Standard Chemical Co., foot 12th av, Oakland, Cal.
Standard Chemical Co., coal tar products, Tacoma, Wash.
Standard Chemical Co., disinfectants & insecticides, 728 Frankfort av, Cleveland, Ohio.
Standard Chemical Co., metal & furniture polish, compounds, etc., Houston, Tex.
Standard Chemical Co., Vanadium Bldg., Pittsburgh, Pa.
Standard Chemical Co., 310 California, San Francisco, Cal.
Standard Chemical & Oil Co., fertilizer mfrs., Troy, Ala.
Standard Chemical & Supp. Co., soap powders, 15 Wharf, Boston, Mass.
Standard Chemical & Supply Co., mfrs. soap, soap powder & cleansing materials, 172 Second, E. Cambridge, Mass.
Standard Chemicals & Metal Corp., 46 Cedar, New York.
Standard Churn Co., Wapakoneta, Ohio.
Standard Cleaner Co., 122 S. Michigan av, Chicago, Ill.
Standard Clothes Dryer Co., Worcester, Mass.
Standard Coach Pad Co., Wooster, Ohio.
Standard Coal Co., Framingham, Mass.
Standard Coffin & Casket Mfg. Co., 1029 W. Chicago av, Chicago, Ill.
Standard Comb Co., Leominster, Mass.
Standard Computing Scale Co., Fort & Hastings, Detroit, Mich.
Standard Concrete Construction Co., 108 S. La Salle, Chicago, Ill.
Standard Concrete Steel Co., Knickerbocker Bldg., Baltimore, Md., & 413 E. 31st, New York.
Standard Construction Co., contractors, 42 Church, New Haven, Conn., & Farmers' Bk. Bldg., Pittsburgh, Pa.
Standard Construction Co., Plymouth Bldg., Minneapolis, Minn.
Standard Construction Co., 1713 Sansom, Philadelphia, Pa.
Standard Constructing Co., Altoona, Pa.
Standard Corrugated Pipe Co., Rialto Bldg., San Francisco, Cal.
Standard Coupler Co., coupler & draft gear, 30 Church, New York
Standard Crayon Mfg. Co., crayon mfrs., Danvers, Mass.
Standard Cross Tie Mach. Co., New Orleans, La.
Standard Crucible Steel Casting Co., 719 30th, Milwaukee, Wis.
Standard Crushed Rock Co., crushed rock, 9 Main, San Francisco, Cal.
Standard Detroit Tractor Co., traction engines, 1506 Fort W., Detroit, Mich.
Standard Diamond Drill Co., machsts., 38 S. Dearborn, Chicago, Ill.
Standard Die Co., machsts., 1019 Vine, Cincinnati, Ohio.
Standard Die & Stamping Co., Arrott Power Bldg., Pittsb'g, Pa.
Standard Door & Sash Co., Los Angeles, Cal.
Standard Drinking Cup Co., paper cups, Pittsburgh, Pa.
Standard Dry Kiln Co., Indianapolis, Ind.
Standard Egg Co., beaters, 26 So. Market, Boston, Mass.
Standard Elec. Appliance Co., heating pads, Beverly, N. J.
Standard Elec. & Elevator Co., Inc., Baltimore, Md.
Standard El. Fittings Co., junction boxes, Stamford, Conn.
Standard Elec. Lamp Co., 67 Hamilton, Newark, N. J.
Standard Elec. Mfg. Co., 216 N. Clinton, Chicago, Ill.
Standard Elec. Nov. Co., cooking app., 730 W. Randolph, Chicago, Ill.
Standard Elec. Stove Co., cooking app., 1720 N. 12th, Toledo, Ohio.
Standard Electric Time Co., electric clock & signal system mfrs., 89 Logan, Springfield, Mass.
Standard Electric Tool Co., portable electric drills, 128 Opera pl, Cincinnati, Ohio. *See adv index at end of book.*
Standard Elevator Interlock Co., Widener Bldg., Phila., Pa.
Standard Emblem Co., pins, 1 Madison av, New York.
Standard Engng. Co., machsts. & fndrs., Ellwood City, Pa.
Standard Engineering Co., 11 Pine, New York.
Standard Engng. & Const. Co., Dallas, Tex.
Standard Engineering Wks., hand milling mach. mfrs., Pawtucket, R. I.
Standard Envelope Co, 257 Diamond, Philadelphia, Pa.
Standard Envelope Sealer Mfg. Co., Somerville, Mass.
Standard Equip. Co., auto parts, Lorain & W. 106th, Cleveland, Ohio.
Standard Equipment Co., mill & facty. supplies, Mobile, Ala.
Standard Equipment Co., ore & cinder grinding & crushing machines & special mining & foundry equipment mfrs., New Haven, Conn.
Standard Excelsior Wrapping Co., packing pads, Appleton, Wis.
Stndard Export Lumber Co., Whitney Central Bldg., New Orleans, La.
Standard Extinguisher Co., 24 Binford, Boston, Mass.
Standard Felt Co., 404 S. Wells, Chicago, Ill.
Standard Felt Co., felts & piano hammers, Alhambra, Cal.
Standard Fence Co., wire & iron wks., 310 12th, Oakland, Cal.
Standard Fertilizer Co., Gainesville, Fla., Los Angeles, Cal., & Meigs, Ga.
Standard Fibre Co., vulcanized fibre sheets, tubes, rods, washers, etc., mfrs., Somerville, Mass.
Standard Fire Brick Co., Empire & Irondale, Ohio; Diamond Bk. Bldg., Pittsburgh, Pa., & Pueblo, Colo.
Standard Fire Clay Co., common brick, Fallston, Pa.
Standard Fire Clay Co., New Brighton, Pa.
Standard Fire Escape Co., 166 N May, Chicago, Ill.
Standard Fireproof Sash & Door Co., 16 Eckford, B'klyn, N. Y.
Standard Flaked Food Co., Owosso, Mich.
Standard Forgings Co., 80 E. Jackson blvd, Chicago, Ill.
Standard Foundry, Oakland, Cal.
Standard Foundry Co., Anniston, Ala.; Buffalo, N. Y.; Dayton, Ohio; Hartford, Conn.; Racine, Wis., & Worcester, Mass.
Standard Foundry Co., 1036 3d av, N. E., Minneapolis, Minn.
Standard Foundry & Mfg. Co., Cleveland, Ohio, & De Kalb, Ill.
Standard Fuel Oil Engine Co., Willoughby, Ohio.
Standard Furnace & Range Co., Louisville, Ky.
Standard Furnace & Supply Co., Omaha, Neb.
Standard Furniture Co., Herkimer, N. Y.
Standard Galvanizing Co., hot process galvanizing, 2619 W. Van Buren, Chicago, Ill.
Standard Garden Tool Co., Montrose, Ia.
Standard Gas Engine Co., Oakland, Cal.
Standard Gas Power Co., gas producers & engines, 17 Battery pl, New York
Standard Gauge Steel Co., cold drawn steel, Beaver Falls, Pa.
Standard Glass Co., bottles, Marion, Ind.
Standard Glass Co., 2349 S. La Salle, Chicago, Ill.
Standard Glass & Paint Co., Des Moines, Ia.
Standard Glass Specialty Co., laboratory apparatus, Morgantown, W. Va.
Standard Glue Co., Caton & Cottage av, Baltimore, Md.
Standard Gramaphone Appliance Co. 237 Lafayette, New York
Standard Granitine Wks., laundry tubs, 1752-1756 N. Spaulding av, Chicago, Ill.
Standard Graphite Co., Ashland, Ala.
Standard Guano & Chemical Mfg. Co., nitrate of soda, New Orleans, La.
Standard Handle Co., 183 W. Houston, New York.
Standard Hardwood Lumber Co., Buffalo, N. Y.
Standard Heating & Radiator Co., gas burners, Penn & Barbeau, Pittsburgh, Pa.
Standard Heel & Counter Co., 1026 N. 11th, St. Louis, Mo.
Standard Hoop Co., Bay City, Mich.
Standard Horse Nail Co., New Brighton, Pa.
Standard Horse Shoe Co., Boston, Mass.
Standard Improved Truck Co., 20 W. Jackson blvd, Chicago, Ill.
Standard Index Card Co., 709 Arch, Philadelphia, Pa.
Standard Ink & Color Co., printing wks., 129 Atkins, Brooklyn, N. Y.
Standard Iron Co., blast furnaces, Nashville, Tenn.
Standard Iron Foundry, machsts. & fndrs., 53 Dobbin, Brooklyn, N. Y.
Standard Iron & Wire Works, bank railings, Chattanooga, Tenn.
Standard Iron & Wire Works, 489 12th, Milwaukee, Wis.
Standard Iron Works, machsts. & fndrs., Spartanburg, S. C.
Standard Iron Works, 508 E. 74th, New York & San Diego, Cal.
Standard, J. B., architect, Ingle Blk., San Diego, Cal.
Standard Knitting Co., sweaters, cardigans, 2202 Superior av, N. E., Cleveland, Ohio.
Standard Leather Dressing Co., Trenton, N. J.
Standard Lighting Co., machsts. & fndrs., Cleveland, Ohio.

Standard Lime Co., Kendrick, Fla.
Standard Lime & Stone Co., Equitable Bldg., Baltimore, Md., & Fond Du Lac, Wis.
Standard Linseed Co., oils car, Willey & Big 4 & R. R., Cleveland, Ohio.
Standard Lock Co., elec. door openers, 113 Himrod, Brooklyn, N. Y.
Standard Lumber Co., Birmingham, Ala.; Live Oak, Fla.; Moscow, Ida.; Sonora, Cal., & Winona, Minn.
Standard Lumber Yard Co., Dubuque, Ia.
Standard Mach. Co., Dayton, Ohio.
Standard Machine Co., hosiery knitting machines, 330 N. 112th, Philadelphia, Pa.
Standard Mach. & Elec. Co., Indianapolis, Ind.
Standard Mach. Key Mfg. Co., Poughkeepsie, N. Y.
Standard Mach. Mfg. Co., Carthage, Mo.
Standard Mach. Tool & Supply Co., 1st & Main, Kansas City, Mo.
Standard Machy. Co., gas tractors, Schleisingerville, Wis.
Standard Machy. Co., Mystic, Conn., & Providence, R. I.
Standard Machinery & Equip. Co., machsts. & fndrs., 310 Electric, Cleveland, Ohio.
Standard Malleable Iron Co., Muskegon, Mich.
Standard Mfg. Co., bank fixture, furniture, etc., Appleton, Wis.
Standard Mfg. Co., boxes, Council Bluffs, Ia.
Standard Mfg. Co., canvas gloves, Lockport, N. Y.
Standard Mfg. Co., hand vacuum cleaners, Syracuse, N. Y.
Standard Mfg. Co., hinges, etc., Shelby, Ohio.
Standard Mfg. Co., ironing boards & folding chairs, Cambridge City, Ind.
Standard Mfg. Co., machsts. & fndrs., Auburn, Ind.
Standard Mfg. Co., plumbers' supplies—jobbers, 439 Water, Pittsburgh, Pa.
Standard Mfg. Co., road oilers or distributers, Worcester, Mass.
Standard Mfg. Co., window display fixtures, Xenia, Ohio.
Standard Mfg. Co., woolen & steel tray barrows, ash cans, 41 Cortlandt, New York.
Standard Mfg. & Supply Co., asbestos, rubber, fibre, etc., gaskets, 30 N. 4th, Philadelphia, Pa.
Standard Mfg. & Supply Co., fndrs., Rhode Island & Alameda, San Francisco, Cal.
Standard Marble Works, 706 W. Front, Cincinnati, Ohio.
Standard Material Co., masons' & bldrs.' matls., 607 W. 66th, Chicago, Ill.
Standard Meat & Live Stock Co., Denver, Colo.
Standard Mechanical Equip. Co., switchboards, stage lights & wire reels, Dallas, Tex.
Standard Metal Bed Refinishing Co., machsts. & fndrs., Foreland & James, N. S, Pittsburgh, Pa.
Standard Metal Co., 135 S. Pennsylvania, Indianapolis, Ind.
Standard Metal Mfg. Co., auto. & phonograph horns, rectifiers, 237 Chestnut, Newark, N. J.
Standard Metal Spinning Co., shade holders, 138 Mott, New York.
Standard Metal Work Co., tapered tubing, Thompsonville, Conn.
Standard Meter Co., water meters, 206 & 208 B'way, New York
Standard Meter Co., 3117 N. 17th, Philadelphia, Pa.
Standard Meter & Mfg. Co., 433 W. 42d, New York.
Standard Milk Bottling Works, Parkersburg, W. Va.
Standard Mill Supply Co., 39 Exchange pl, Providence, R. I.
Standard Milling Co., rice, Houston, Tex.
Standard Mosaic Tile Co., 525 S. Peoria, Chicago, Ill.
Standard Motor Construction Co., engines, 180 Whiton, Jersey City, N. J.
Standard Motor Truck Co., 1842 Euclid av, Cleveland, Ohio; 496 Bellevue av, Detroit, Mich., & Frick Bldg., Pittsburgh, Pa.
Standard Nov. Works, porch swings, sleds, etc., Duncannon, Pa.
Standard Nut & Bolt Co., Valley Falls, R. I.
Standard Oil Cloth Co., 320 B'way, New York.
Standard Oil Co., 72 W. Adams, Chicago, Ill., & 26 B'way, New York.
Standard Oil Co. of Cal., 200 Bush, San Francisco, Cal.
Standard Oil Co. of Kentucky, lubrg. oils, Louisville, Ky.
Standard Oil Co. of La., Baton Rouge, La.
Standard Oil Co. of Ohio, Cleveland, Ohio.
Standard Oil Engine Co., Bridgeport, Conn.
Standard Oil Soap Co., 880 Ellicott sq., Buffalo, N. Y.
Standard Oiled Clothing Co., 152d & Union av, New York.
Standard Optical Co., Geneva, N. Y.
Standard Oven Co., Oliver Bldg., Pittsburgh, Pa.
Standard Oxygen Co., 216 E. 42d, New York.
Standard Paint Co., 233 B'way, New York.
Standard Paper Co., Kalamazoo, Mich.
Standard Paper Mfg. Co., paper mfrs., Richmond, Va.
See adv index at end of book.
Standard Parts Co., The, motor, vehicle, aeroplane parts, etc., Cleveland, Ohio.
See adv index at end of book.
Standard Pattern Co., 28th & Spruceway, Pittsburgh, Pa.
Standard Pattern & Mfg. Co., Richmond, Ind.
Standard Pattern Works, 144 Fort E., Detroit, Mich., & Rochester, N. Y.
Standard Pattern Works Co., 5332 St. Clair av, Cleveland, O.
Standard Paving Co., contrs., San Antonio, Tex.
Standard Paving Co., 29 La Salle, Chicago, Ill.; 685 S. Ohio av, Columbus, Ohio, & 154 Frelinghuysen av, Newark, N. J.
Standard Pearl Button Wks., 9814 Denison, Cleveland, Ohio.
Standard Pearl Works, buttons, Newark, N. J.
Standard Pencil Co., advtg. novelties, 1824 Locust, St. Louis, Mo.
Standard Pipe Covering Co., 3748 E. 71st, Cleveland, Ohio.
Standard Pipe & Supply Co., plumbers' supplies, Erie, Pa.
Standard Planing Mill Co., Ashland, Ky.
Standard Planing Mill Co., tanks, Lincoln, Neb.
Standard Plate Glass Co., window glass, mirrors & all kinds of glass for struct'l bldg. purposes, Butler, Pa.
Standard Plating & Brass Fdy., Anderson, Ind.
Standard Plating Works, electro plating, 446 N. 12th, Phila., Pa.
Standard Plating Works, York, Pa.
Standard Playing Card Mfg. Co., 345 W. Austin av, Chicago, Ill.
Standard Plumbing Supply Co., St. Anns av & 159th, New York.
Standard Plunger Elev. Co., 327 S. La Salle, Chicago, Ill.; 105 W. 40th, New York, & Stafford, Worcester, Mass.
Standard Pneumatic Action Co., 638 W. 52d, New York.
Standard Portland Cement Co., Charleston, S. Car.
Standard Portland Cement Corp'n, Crocker Bldg., San Francisco, Cal.
Standard Pottery Co., East Liverpool, Ohio.
Standard Powder Co., 2d Nat. Bk. Bldg., Pittsburgh, Pa.
Standard Pressed Steel Co., 20th & Clearfield, Phila., Pa.
Standard Printing Co., coin wrappers, Pittsburgh, Pa.
Standard Printing Ink Co., 1644 Providence, Cincinnati, Ohio.
Standard Publishing Co., gummed labels, Vineland, N. J.
Standard Pulley Co., 1734 Power, Cincinnati, Ohio.
Standard Pump & Engine Co., 798 Carroll, Akron, Ohio.
Standard Ry. Equipment Co., 20 W. Jackson blvd., Chicago, Ill.
Standard Ry. Gate Co., signals, Saginaw, Mich.
Standard Ry. Supp. Co., 4229 Fergus, Cincinnati, Ohio.
Standard Range & Stove Co., 32 Union, Boston, Mass.
Standard Red Cedar Chest Co., Altavista, Va.
Standard Refining Co., sugar, 217 West, New York
Standard Refractories Co., silver brick, etc., Claysburg, Pa.
Standard Register Co., Callahan Power Bldg., Dayton, Ohio.
Standard Regulator Co., 282 South, Newark, N. J.
Standard Ring Traveler Co., tex. machy., supplies, etc., New Bedford, Mass.
Standard Rivet Co., 41 Lincoln, Boston, Mass.
Standard Roll Co., sand rolls, Worcester, Mass.
Standard Roller Bearing Co., steel balls, ball & roller bearings & wire wheels, 50th & Lancaster av, Philadelphia, Pa.
Standard Roller Mills Co., flour, Cerulean, Ky.
Standard Rolling Mills, block tin pipe, 363 Hudson, Brooklyn, N. Y.
Standard Salt & Cement Co., Duluth, Minn.
Standard Salt & Lime Co., Duluth, Minn.
Standard Sand & Machine Co., 5150 St. Clair, Cleveland, Ohio.
Standard Sanitary Mfg. Co., machsts. & fndrs., & porcelain, plumbing goods, Bessemer Bldg., Pittsburgh, Pa.
Standard Sanitary Pottery Co., Elizabeth, N. J.
Standard Sash & Door Co., 5821 S. Racine av, Chicago, Ill.; 5214 Sweeney av, Cleveland, Ohio, & Seattle, Wash.
Standard Saw Mill Machy. Co., Erie, Pa.
Standard Saw & Tool Mfg. Co., Kane, Pa.
Standard Scale & Supply Co., mill & facty. supplies, store trucks, 1631 Liberty av, Pittsburgh, Pa.
Standard School Heater Co., warm air furnaces, 438 W. Ontario, Chicago, Ill.
Standard Scientific Co., chemicals, 147 Waverly pl, New York.
Standard Screen Co., window screens, 1858 Hastings, Chicago, Ill.
Standard Screw Co., brass cap nuts, 81 E. Madison, Chicago, Ill.
Standard Screen Co., of Penn., turnbuckles for aircraft, Cory, Pa.
Standard Screw Products Co., cor Bellevue & Warren, Detroit, Mich.
Standard Seamless Tube Co., steel tubing, Ambridge, Pa.
Standard Seed Tester Co., Decorah, Ia.
Standard Separator Co., 45th & Burnham, Milwaukee, Wis.
Standard Sewer Pipe Works, Rome, Ga.
Standard Sewing Machine Co., 6402 Cedar av, S. E., Cleveland, Ohio.
Standard Shade Roller Co., Ogdensburg, N. Y.
Standard Sheet Metal Mfg. Co., Washington, Pa.
Standard Shipbuilding Corp., 44 Whitehall, New York, & Shooters Isl., West Brighton, N. Y.
Standard Shoe Machinery Co., 600 Essex, Lawrence, Mass.
Standard Shoe Tying Mach. Co., 19 Lincoln, Boston, Mass.
Standard Shutter & Iron Wks., 2542 Belleview, Kansas City, Mo.
Standard Slag Co., Youngstown, Ohio.
Standard Slate Corp., roofing mfrs., Esmont, Va.
Standard Soap Co., Berkeley, Cal., Camden, N. J., 365 9th av, New York, & 40 Beale, San Francisco, Cal.
Standard Soap Mfg. Co., Woonsocket, R. I.
Standard Spec. & Tube Co., machsts., New Brighton, Pa.
Standard Spinning & Stamping Co., coffee percolators, Toledo, O.
Standard Spiral Pipe Works, 48th & Rockwell, Chicago, Ill.
Standard Stained Shingle Co., N. Tonawanda, N. Y.
Standard Stamp Affixer Co., Somerville, Mass.
Standard Stamping Co., B'way & Chambers, St. Louis, Mo.
Standard Stamping Co., elec. cooking app., Marysville, Ohio.
Standard Stamping Co., electric ranges, Huntington, W. Va.
Standard Stamping & Die Co., 151 33d, Brooklyn, N. Y.

Standard Steam Spec. Co., 542 W. B'way, New York.
Standard Steel Box Co., Pittsburgh, Pa.
Standard Steel Car Co., Hammond, Ind., & Frick Bldg., Pittsburgh, Pa.
Standard Steel Castings Co., machsts. & fndrs., 3311 W. 73d, Cleveland, Ohio.
STANDARD STEEL TUBE CO., THE, brazed steel tubing for mechanical purposes, Toledo, Ohio.
See adv. index at end of book.
Standard Steel Works Co., axles, castings, flanges, forgings, rings, rods, springs, tires, wheels, etc., Morris Bldg., Philadelphia, Pa.
Standard Stoker Co., locomotive stokers, du Pont Bldg., Wilmington, Del.
Standard Stone & Brick Co., Bellaire, Ohio.
Standard Store Service, Inc., wire & cable carriers, conveying apparatus, etc., Hartford. Conn.
Standard Stove Lining Co., Taunton, Mass.
Standard Supply Co., mill & facty. supplies, Wilmington, N. C.
Standard Supply Co., oil & gas well, Scio, Ohio.
Standard Supply Co., plumbers' supplies, jobbers, 420 Carroll, New Orleans, La., & Portsmouth, Ohio.
Standard Supply Co., wood core prints, Quincy, Ill.
Standard Supply & Equipment Co., mill & factory supplies, etc., N. W. cor. Cherry & 13th, Phila., Pa.
Standard Syrup Co., canned, 1017 Chouleau, St. Louis, Mo.
Standard Tank Co., iron & shell plate constr., 15 Park row, New York.
Standard Tank & Seat Co., Camden, N. J.
Standard Teaming Co., crushed stone, Houston, Tex.
Standard Telephone Repair Co., 321 N. Crawford av, Chicago, Ill.
Standard Textile Co., cotton batting, Glens Falls, N. Y.
Standard Thermometer Co., 65 Shirley, Boston, Mass.
Standard Thread Co. 532 W. 22d, New York.
Standard Tin Plate Co., Canonsburg, Pa.
Standard Tire Protector Co., Akron, Ohio.
Standard Tire & Rubber Co., pneumatic ties, 104 Portland, Boston, Mass.
Standard Tire & Rubber Mfg. Co., Hippodrome Bldg., Cleveland, Ohio.
Standard Tobacco Stemmer Co., tobacco machy., 5520 2nd av, Brooklyn N. Y.
Standard Tool Co., twist drills, etc., 6900 Central av, Cleveland, Ohio.
Standard Tool & Mfg. Co., Indianapolis, Ind.
Standard Top & Equipment Co., 1849 E. 65th, Cleveland, Ohio.
Standard Towel Co., Newton, N. J.
Standard Toy Marble Co., Akron, Ohio.
Standard Tractor Co., 2324 University av, St. Paul, Minn.
Standard Trunk Co., 535 B'way, New York.
Standard Turning Wks., dowels & wood turnings, Cambridge, Mass.
Standard Ultramarine Co., blues, Huntington, W. Va.
Standard Underground Cables Co., Westinghouse Bldg., Pittsburgh, Pa.
Standard Union Co., 7 Walter, Boston, Mass.
Standard Utility Co., contractors, cornices, 225 Lexington av, New York.
Standard Valve Gear Co., Toledo, Ohio.
Standard Varnish Wks., compounds, 90 West, New York.
Standard Varnish Wks., 2589 Richmond ter, Elm Park, N. Y.
Standard Vending Mach. Co., fly killers, Hazleton, Pa.
Standard Ventilator Co., Lewisburg, Pa.
Standard Vitrified Brick Co., Coffeyville, Kans.
Standard & Vulcanite Pen Co., fountain pen mfrs., 752 Lex. av, Brooklyn, N. Y.
Standard Wall Paper Co., Hudson Falls, N. Y.
Standard Waste Mfg. Co., cotton waste, 3067 E. 61st, Cleveland, Ohio.
Standard Water Systems Co., condensers, heaters, stills, tanks, etc., Hampton, N. J.
Standard Wax & Import Co., 95 William, New York.
Standard Welding Co., drop forging, W. 73d & L. S. & M. S. Ry. Cleveland, Ohio.
Standard Wheel Co., Terre Haute, Ind.
Standard Whip Co., Westfield, Mass.
Standard Whol. Phosphate Co., acid phosphate & fertilizer mfrs., Continental Bldg., Baltimore, Md.
Standard Wire Co., New Castle, Pa.
Standard Wood Nov. Co., 256 Pearl, New York.
Standard Wood Pipe Co., Williamsport, Pa.
Standard Wood Works, folding rules, 421 Kent av, B'klyn, N. Y.
Standard Woven Fabric Co., mechanical rubber goods, brake lining, etc., mfrs., Walpole, Mass.
Standardizing Machy. Co., portable hoists, 78-80 Broad, New York.
Standart Bros., Ltd., whol. hdwe. & tin plate, 155 Woodbridge av, Detroit, Mich.
Standart Portland Cement Corp., Crocker Bldg., San Fran., Cal.
Stndear, Jacob, bedstead mfrs., 645 De Kalb av, Brooklyn, N. Y.
Standifer-Clarkson Co., ship builders, Portland, Ore.
Standley Skid Chain Co., Boone, Iowa.
Standring, Sam'l, machst., Hope & Somerset, Phila., Pa.
Stanfield, M. B., weather strips, 535 Tusculum av, Cincinnati, O.
Stanfield, Thos. B., & Co., contractors, 212 Clay, Baltimore, Md.
Stanford-Crowell Co., advertising signs, Ithaca, N. Y.
Stanford Steel Products Co., cold rolled strip steel mfrs., Milford, Conn.
Stanford University Dept. of Engineering, engng. schools & coll., San Francisco, Cal.
Stangel & Boekling, contrs., Peru, Ill.
Stanhope, Leon E., architect, 111 W. Monroe, Chicago, Ill.
Staniford, J. W., & Co., gauge glasses, 40 Hanover, Boston, Mass.
Stanley Belting Corp'n, 34 S. Clinton, Chicago, Ill.
Stanley Bronze Co., fndrs., Bridgeport, Conn.
Stanley, C. C., canned goods, Hollins, Va.
Stanley, Calrow L., file & rasp mfr., Lowell, Mass.
Stanley Co., gas & marine engines, Salem, Mass.
Stanley Co., machsts. & fndrs., 79 Milk, Boston, Mass.
Stanley Construction Co., 6 S. Division, Buffalo, N. Y.
Stanley, G. W., architect, 668 Kearney, Portland, Ore.
Stanley, Geo. W., Co., tuyere irons, nails, staples, Belleville, Ill.
Stanley, H. A., canned goods, Bedford, Va.
Stanley Hoisting Co., 620 W. 25th, New York.
Stanley Insulating Co., bottles—vacuum, Great Barrington, Mass.
Stanley, J. B., contractor, Durham, N. C.
Stanley, James, soap, 640 W. 30th, New York.
Stanley, Jno. T., soap, metal polish, 642 W. 30th, New York.
Stanley Motor Carriage Co., Newton, Mass.
Stanley, O., architect, Bardstown Ky.
Stanley & Patterson, Inc., electrical specialties mfrs., 23 Murray, New York.
Stanley Reinforced Concrete Co., pipe, Centralia, Wash.
Stanley Rule & Level Co., carpenters & mechanics' tool mfrs., New Britain, Conn.
Stanley & Schiebel, architects, Wick Bldg., Youngstown, Ohio.
Stanley Shipbldg. Co., Shooters Island, S. I., N. Y.
Stanley-Smith Lumber Co., Hood River, Ore.
Stanley, Wm. W., canvas goods, 50 Church, New York.
Stanley Works, builders cabinet & shelf hardware, cold rolled strip steel & box strapping mfrs., New Britain, Conn.
See adv index at end of book.
Stannard Iron Foundry, New Haven, Conn.
Stannard, J. B., architect, Ingle blk., San Diego, Cal.
STANNARD MFG. CO., little giant expansion screw sleeves mfrs., 371 Allen, Springfield, Mass.
See adv index at end of book.
Stansbury Canning Co., Richmond, Va.
Stansbury, Chas. V. H. W., contractor, W. Hellman Bldg., Los Angeles, Cal.
Stansbury, Daniel R., htg. contr., 1304 H, N. W., Washington, D. C.
Stansbury, H. O., Co., rat traps, 415 Commerce, Phila., Pa.
Stansbury, Jas. H., sash, door & blind mfrs., Hollis, N. Y.
Stant, Benj. F., contractor, Camden, N. J.
Stant, Geo., Mach. Works, Connersville, Ind.
Stanton, E. H., Co., meat packers, Spokane, Wash.
Stanton, E. J., & Son, lumber, Los Angeles, Cal.
Stanton Foundry & Machine Co., Palatka, Fla.
Stanton, Geo., contractor, 120 Worth, New York.
Stanton Heater Co., Martin's Ferry, Ohio.
Stanton, Jno. F., architect, 835 Kansas av, Topeka, Kans.
Stanton Reed Co., contrs., 210 W. 7th, Los Angeles, Cal.
Stanton, Samuel M., architect, Ann Arbor, Mich.
Stanton, Wm. A., architect, Vicksburg, Miss.
Stanton, Wm. C., architect, 1328 Walnut, Phila., Pa.
Stanwood Lumber Co., Stanwood, Wash.
Stanwood Mfg. Co., advtg. novelties, 88 Broad, Boston, Mass.
Stapf & Benfer, contrs., Harrisburg, Pa.
Stapf, Otto K., architect, Rose Bldg., Cleveland, Ohio.
Staple Post Mold Co., Westerville, Ohio.
Staples Brick Co., Kingston, N. Y.
Staples Bros., cornices, 218 S. Wabasha, St. Paul, Minn.
Staples Bros., masons' & bldrs.' matls., Lowell, Mass.
Staples Coal Co., masons' & bldrs.' matls., Fall River & Taunton, Mass.
Staples & Gould, mill & facty. supplies, Milford, Mass.
Staples, H. F., & Co., furniture polish, Medford, Mass.
Staples & Hanford Co., spring beds, Newburgh, N. Y.
Staples & Hartman, carriages, Stroudsburg, Pa.
Staples-Hildebrand Co., masons' & bldrs.' matls., South Bend, Ind.
Staples, I. S., & Son, carriages, Brooks, Me.
Staplin & Smith, Babbit metal, belt dressing, etc., 359 W. Austin, Chicago, Ill.
Star Bit & Tool Co., Rockford, Ill.
Star Boiler Works, Clinton, Ia.
Star Brass Mfg. Co., gauges, lubricators, valves, etc., 104 E. Dedham, Boston, Mass.
Star Brass Works, machsts., 3114 Carroll, Chicago, Ill.
Star Brass Works, trolley wheels mfrs., Fulford & Eggleston, Kalamazoo, Mich.
Star Brass Works Co., bearings, castings, machsts., etc., Kansas City, Mo.
Star Brick Co., Des Moines, Ia.
Star Bros. Bell Co., unmounted gongs, East Hampton, Conn.
Star Bucket Pump Co., 1218 W. 15th, St. Louis, Mo.
Star Button Works, 53 W. 28th, New York.
Star Canning Co., Republic, Mo., & Roy, Utah.
Star Carriage Co., Seattle, Wash.
Star Clay Co. (Ltd), Mertztown, Pa.

Star Clay Products Co., Elmendorf, Tex.
Star Coal & Cement Co., masons' & bldrs.' matls., Dayton, Ohio.
Star Coal Co., masons' & bldrs.' matls., Beloit, Wis.
Star Cornice Skylight & Roofing Works, 569 3d av, New York.
Star Corundum Wheel Co., emery wheel dressers, 241 Cavalry av, Detroit, Mich.
Star Coulter Co., plow coulters, Canton, Ohio.
Star & Crescent Co., turkish towels, Lehigh av & Hancock, Philadelphia, Pa.
Star & Crescent Milling Co., mill feed, 160 W. Jackson blvd., Chicago, Ill.
Star Cut Stone Co., Persons & W. Shore R. R., Buffalo, N. Y.
Star Drilling Machine Co., Akron, Ohio.
Star Dynamo Co., Jefferson City, Mo.
Star Egg Carrier & Tray Mfg. Co., Rochester, N. Y.
Star Elec. Co., fire alarm signal boxes, Binghamton, N. Y.
Star Elec. Co., ground connection clamps, 212 S. 8th, Phila., Pa.
Star Elec. Co., Newark, N. J.
Star Elec. Fuse Works, blasting batteries, miners' squibs, Wilkes-Barre, Pa.
Star Electric Motor Co., 245 N. J. R. R. av, Newark, N. J.
Star Electrode Works (of Nat. Carbon Co.), Niagara Falls, N. Y.
Star Expansion Bolt Co., bolt, clamps; etc., mfrs., 147 Cedar, New York.
Star Fan & Motor Works, 245 N. J. R. R. av, Newark, N. J.
Star Felt Cutting Co., felt washers, gaskets, etc., 260 69th, Brooklyn, N. Y.
Star Forge Co., forges, blowers, etc., Buffalo, N. Y.
Star Foundry Co., Covington, Ky.
Star Foundry & Mach. Works, Anderson, Ind.
Star Furnace Co., Jackson, Ohio.
Star Fuse Co., 290 Church, New York.
Star Glass Co., Glassboro, N. J.
Star Glass Co., lamp chimney, Star City, W. Va.
Star Glass Co. (Ltd.), Medford, N. J.
Star Grain & Lumber Co., masons' & bldrs.' matls., Waverly, Kans.
Star Granite Co., Barre, Vt.
Star Hame Mfg. Co., Blanchester, Ohio.
Star Hardware & Supply Co., Toledo, Ohio.
Star Headlight Co., Commercial, Rochester, N. Y.
Star Heel Plate Co., Hamburg pl, Newark, N. J.
Star Jack Co., Bloomfield, Ind.
Star Knitting Co., knitted gloves, La Crosse, Wis.
Star Lime Co., Hannibal, Mo.
Star Lock Works, 110 S. 8th, Philadelphia, Pa.
Star Lubrg. Oil Co., 8714 B'way, Cleveland, Ohio.
Star Mach. Co., Marietta, Ohio.
Star Machinery Co., 1731 1st av, S., Seattle, Wash.
Star Mfg. Co., agricultural implements, Carpenterville, Ill., & New Lexington, Ohio.
Star Mfg. Co., hand soap, 331 Summer, Stamford, Conn.
Star Metal Box Co., clamps (conduit), bushings, porcelain, 507 W. 19th, New York.
Star Mill & Elevator Co., flour, Hennessy, Okla.
Star Milling Co., flour, Aurora, Ind.
Star Milling Co., flour, Buckhannon, W. Va.; North Tazewell, Va.; Shoals, Ind., & Statesville, N. C.
Star Music Co., pianos, 9 E. Harrison, Chicago, Ill.
Star Nickel Plating Works, 232 N. 5th, Philadelphia, Pa.
Star Oil Co., lubrg., 440 N. Halstead, Chicago, Ill.
Star Ornamental Iron & Wire Works, 2525 Frazier, Pittsburgh, Pa.
Star Paper Dish Co., Richmond, Va.
Star Pea Huller Co., machsts., Chattanooga, Tenn.
Star Peerless Wall Paper Mills, Joliet, Ill.
Star Pin Co., Derby, Conn.
Star Pin Co., hair pins, Shelton, Conn.
Star Planing Mill Co., sashes, doors & blinds, Mount Sterling, Ky.
Star Plating Wks., 98 B'way, Buffalo, N. Y.
Star Pointer Pump Mfg. Co., paint & white wash spraying machines, Menasha, Wis.
Star Porcelain Co., porcelain specialties, Trenton, N. J.
Star Refining Co., smelters & refiners, 116 W. First, Boston, Mass.
Star Ribbon Mfg. Co., woven labels, 456 4th av, New York.
Star Rubber Co., Akron, O.
Star Sand Co., Portland, Ore.
Star Seal Co., machsts., 30 Church, New York.
Star Seeder Co., Shortsville, N. Y.
Star Specialty Co., beaters (egg & cream), Ashland, O.
Star Specialty Mfg. Co., grinders, vises, etc., 227 W. Erie, Chicago, Ill.
Star Speedometer Co., Milton, Pa.
Star Stone Co. (of Chicago), Bloomington, Ind.
Star Stoneware Co., Crooksville, Ohio.
Star Storm Front Co., buggy aprons, Troy, Ohio.
Star Tank Co., Goshen, Ind.
Star Tool Mfg. Co., printers' composing sticks, Springfield, O.
Star Tractor Co., Findlay, Ohio.
Star Watch Case Co., Ludington, Mich.
Star Webbing Works, Brockton, Mass.
Star Wks., brick, 22nd & R. R., Pittsburgh, Pa.
Starbird, W. D., architect, Spalding Bldg., Portland, Ore.
Starbird, W. D., machy. dlr., Spokane, Wash.
Starbuck, H. F., architect, Rowell Bldg., Fresno, Cal.
Starbuck Mfg. Co., hog oilers, Peoria, Ill.
Starbuck, R. M., & Sons, plumbers' supplies, Hartford, Conn.
Starch Bros. Co., mchsts. & fdrs., La Crosse, Wis.
Starchroom Publishing Co., 415 Pioneer, Cincinnati, Ohio.
Starck, P. A., Piano Co., 208 S. Wabash av, Chicago, Ill.
Starin, Arthur N., architect, Duluth, Minn.
Stark Brick Co., Canton, Ohio.
Stark Car Coupler Corp., Strasburg, Va.
Stark, H. F., contractor, Greensburg, Pa.
Stark, Hy., & Co., cornices, 901 Victor, St. Louis, Mo.
Stark, Jas. E., & Co., lumber, Memphis, Tenn.
Stark Mills, bagging, sheetings, tickings, etc., Manchester, N. H.
Stark Paper Co., North Bennington, Vt.
Stark Rolling Mill Co., Canton, Ohio.
Stark, T., & Co., contractors, Cedar Rapids, Ia.
Stark Textile Co., auto, binding, Valatie, N. Y.
STARK TOOL CO., bench & precision lathes, & milling machine mfrs., 218½ Moody, Waltham, Mass.
See adv index at end of book.
Starke, C. H., Dredge & Dock Co., 509 Canal, Milwaukee, Wis.
Starke, Hy., Land & Lumber Co., Arcadia, Mich.
Starke's Dixie Plow Wks., Richmond, Va.
Starkey, I. (Est. of), masons' & bldr.' matls., Holden, Mo.
Starkey, John, brick, North Industry, Ohio.
Starkweather, R. R., Co., stairbuilders' supplies, Oshkosh, Wis.
Starkweather & Williams Co., plate glass, 47 Exch. pl, Providence, R. I.
Starm, Arthur M., architect, Providence Bldg., Duluth, Minn.
Starr Bros. Bell Co., East Hampton, Conn.
Starr, C. M., Mfg. Co., machsts., South Bend, Ind.
Starr, D. H., auto. top & carriage bows, Highland, N. Y.
Starr Granite & Marble Wks., Corry, Pa.
Starr, J. G. & Son, harness, saddles & strak wk. mfrs., Decatur, Ill.
Starr, Jno. V., architect, Tulsa, Okla.
Starr, Julian S., architect, Rock Hill, S. C.
Starr-Nettleton Mfg. Co., nippers, East Hampton, Conn.
Starr Package Machy. Co., Northampton, Mass.
Starr Piano Co., Richmond, Ind.
Starr, W. C., & Son Co., chains, Indianapolis, Ind.
Starratt & Jones Co., mill & facty. supplies, 28 Howard, New York.
Starrells, Morris & Co., bathing suit mfrs., 2122 E. Dakota, Philadelphia, Pa.
Starret & Goss, contractors, 103 Park av, New York.
Starrett, F. M., architect, Forest Grove, Ore.
Starrett, Fields Co., masons' & bldrs.' matls., 809 Mass. av, Boston, Mass.
Starrett, L. S., Co. (The), fine mechanical tools, mfrs., Athol, Mass. *See adv index at end of book.*
Starrett & Van Vleck, architects, S W. 40th, New York & Cuyahoga Bldg., Cleveland, O.
Starrs, Wm., contractor, 250 15th, Detroit, Mich.
Stary, Frank & Sons, mchsts. & fndrs., Cedar Rapids, Ia.
Stasse, John, architect, 533 Garden, Hoboken, N. J.
State Architect's Office, Capitol Bldg., Albany, N. Y.
State Coll. of Ky., engng. school & coll., Lexington, Ky.
State College of Mines, engng. school & coll., Rapid City, S. D.
State Constr. Co., 131 E. State, Columbus, Ohio.
State Constr. Co., Pythian Bldg., Indianapolis, Ind.
State Improvement Co., contractors, Crocker Bldg., San Francisco, Cal.
State Mfg. Co., boiler compounds, 3545 E. 76th, Cleveland, O.
State Oil Co., compounds, sweeping, Lincoln, Neb.
State School of Mines, Golden, Colo.
State School of Mines, University of Utah, engng. school & coll., Salt Lake City, Utah.
Staten Island Shipbuilding Co., 3083 Richter ter, Port Richmond, N. Y.
Staten Island Supply Co., mill & facty. supplies, 398 Bay, West New Brigton, N. Y.
States Co., testing clamps, phase shifters, etc., 19 New Park av, Hartford, Conn.
States Motor Car Mfg. Co., Kalamazoo, Mich.
Statesir Lumber Co., Freehold, N. J.
Statesman Co., advtg. signs, Marshall, Mich.
Statesville Cotton Oil Co., Statesville, N. C.
Statesville Flour Mill Co., Statesville, N. C.
Statesville Show Case Co., Statesville, N. C.
Stathem-Cosier Co., canned goods, Newport, N. J.
Stationers' Loose Leaf Co., Milwaukee, Wis.
Staton-Moore Canning Co., Fruitland, Md.
Statter & Co., meat packers, Sioux City, Ia.
Staub, Jas. A., brick, New Oxford, Pa.
Staude, E. G., Mfg. Co., paper box machy. & auto attachments, St. Paul, Minn.
Stauder, N. B., contractor, Lorain, O.
Staudte & Reuckoldt Mfg. Co., store & bar fix., 112 Soulard, St. Louis, Mo.
Stauduhar, Geo. P., architect, Rock Island, Ill.
Stauffer, A. T. B., lumber, Bechtelsville, Pa.
Stauffer Chemical Co., 624 California, San Francisco, Cal.
Stauffer, Eshleman & Co., Ltd., mill & factory supplies & wholesale hardware, 511 Canal, New Orleans, La.
Stauffer, Geo. M., brick, Gladbrook, Ia.
Stauffer, Jos. R., coke mfr., Scottdale, Pa.
Stauffer, P., cornices, Moberly, Mo.

Stauffer, Van Avery Co., cornices & skylights, Eldora, Ia.
Stauter, Ira H., contractor, Peru, Ind.
Stave, Theo., lamps, 30 Church, New York.
Stavenhagen, W. H., Co., leaded glass shades, etc., 447 W. 26th, New York.
Staver Carriage Co., machsts., 76th & Wallace, Chicago, Ill.
Staybestos Mfg. Co., brake lining, Germantown, Phila., Pa.
Steacy-Schmidt Mfg. Co., machsts. & fndrs., kilns, turntables, etc., York, Pa.
Steacy & Wilton Co., lime, stone, Bittinger, Pa.
Steacy & Wilton Co., lime mfrs., Wrightsville, Pa.
Stead, Robert, architect, 904 F, N.W., Washington, D. C.
Steadman, Frank, pianos, Yonkers, N. Y.
Steam Appliance Co., boiler cleaners, 63d & No. Burnham, Milwaukee, Wis.
Steam Carriage Boiler Co., Oswego, N. Y.
Steam Supp. & Rubber Co., oil burners, 79 Washington, Seattle, Wash.
Steamfitters' Supply Co., 10 W. Illinois, Chicago, Ill.
Stearn, Harris, scrap iron & steel, 417 S. Clinton, Chicago, Ill.
Stearnes Co., cooking apparatus, 1215 N. Michigan av, Chicago, Ill.
Stearns, A. T., Lumber Co., builders' finish, tanks, vats, lumber, etc., 100 Taylor, Neponset, Boston, Mass.
See adv index at end of book.
Stearns & Castor, architects, Stephen Girard Bldg., Phila., Pa.
Stearns Co., saw mills, etc., Erie, Pa.
Stearns, E. C., & Co., hdwe. mfrs., 450 Oneida, Syracuse, N. Y.
Stearns Elec. Paste Co., insecticides, Evanston, Ill.
Stearns, F. B., Co., automobile bldrs., Euclid av & Lakeview rd, Cleveland, Ohio.
Stearns, F. M., & Co., pipe joints cements, Jamestown, N. Y.
Stearns, Fitch & Co., china kilns, Springfield, Ohio.
Stearns & Foster Co., cotton felts, mattresses, etc., Lockland, O.
Stearns, Frank P., contractor, Fredericksburg, Va.
Stearns, Frederic Baldwin, architect, 14 Kilby, Boston, Mass.
Stearns, George R., architect, 6711 Frankford av, Phila., Pa.
Stearns Gas Engine Wks., Los Angeles, Cal.
Stearns, J. S., Co., lbr. mfrs., Grand Rapids, Mich.
Stearns, J. S., Lumber Co., Odanah, Wis.
Stearns, Joel M., agrl. implements, mill & facty. supplies & wholesale hardware, Greenfield, Mass.
Stearns Lime Co., Danbury, Conn.
Stearns Lime & Stone Co., 160 W. Randolph, Chicago, Ill.
Stearns & McKay Co., ship bldrs., Marblehead, Mass.
Stearns Mfg. Co., wrenches, Toledo, Ohio.
Stearns Paper Products Co., advtg. signs, 732 Federal, Chicago, Ill.
Stearns Register Co., 111 Fort, E., Detroit, Mich.
Stearns-Roger Mfg. Co., mill & facty. supplies, Denver, Colo.
Stearns Salt & Lumber Co., Ludington, Mich.
Stearns, W. H., Stamping Co., sheet metal stamping, Worcester, Mass.
Stebbings, W. L., arch'l consulting engrs., Monadnock Bldg., Chicago, Ill.
Stebbins, E., Mfg. Co., founders, Springfield, Mass.
Stebbins Engng. & Mfg. Co., machsts., Watertown, N. Y.
Stebbins, H. B., Lumber Co., Mason Bldg., Boston, Mass.
Stebbins & Haxby, architects, N. W. Nat'l Life Bldg., Minneapolis, Minn.
Stebbins Mfg. Co., machinery, Denver, Colo.
Stebbins, Wallace, & Sons, mill & facty. supplies, machy. dirs., 100 S. Charles, Baltimore, Md.
Stebbins & Watkins, architects, 164 Federal, Boston, Mass.
Steber Mach. Co., Utica, N. Y.
Stebinger Bros., contractors, 626 B'way, Portland, Ore.
Stecher, A., strings—gut, 47th & So. Racine av, Chicago, Ill.
Stecher, Chas., Co., screw machines, 1574 Crossing, Chicago, Ill.
Stecher Cooperage Wks., wooden kegs, 3d & Barton, St. Louis, Mo.
Stecher & Spelrein Co., advtg. nov. & spec., 65 W. Houston, New York.
Steck, Geo., & Co., pianos, 605 E. 132d, New York.
Steckenreiter Iron Wks., Calyer & Jewell, Brooklyn, N. Y.
Stecker Elec. & Mach. Co., junction boxes, gas igniters, Detroit, Mich.
Stedman, Chas. R., architect, 17006 Canterbury rd, Cleveland, O.
Stedman, F. C., Co., meat packers, Athens, Ohio.
Stedman, Geo. O., architect, Rome, N. Y.
Stedman, J. H., Co., scrap rubber, South Braintree, Mass.
Stedman, M. W., rakes, Tyringham, Mass.
Stedman, P. H., founder, Newport, R. I.
Stedman's Fdry. & Mach. Wks., Aurora, Ind.
Steed Bros., machinists New Mount Pleasant, Ind.
Steel Barrel Co. of America, Lister av, south of Lockwood, Newark, N. J.
Steel Barrel Co. of America, steel barrel mfrs., 29 B'way, New York.
Steel Basket Co., Cedar Rapids, Ia.
Steel Bros., contrs., Wilkinsburg, Pa.
Steel Car Co., freight cars, Euclid, Ohio.
Steel Car Forge Co., Frick Bldg., Pittsburgh, Pa.
Steel City Elec. Co., flexible mtlc. conduits, 1207 Columbus av, Pittsburgh, Pa.
Steel Equip. Corp., store fixtures, Avenel, N. J.
Steel Fabricating Co., forgings, etc., Chicago Heights, Ill.
Steel Fixture Mfg. Co., Topeka, Kan.
Steel Forgings Co., Oakley, Cincinnati, Ohio.
Steel Furniture Co., Grand Rapids, Mich.
Steel Heddle Mfg. Co., textile machy., supplies, etc., 2110 Allegheny av, Philadelphia, Pa.
Steel Improvement & Forge Co., case hardening, Cleveland, Ohio.
Steel Mill Packing Co., Detroit, Mich.
Steel Products Co., bolts, 2206 Clarkwood av, S. E., Cleveland, O.
Steel Products Co., Savannah, Ga.
Steel Products Engineering Co., grinders & special machinery, Springfield, Ohio.
Steel Products Export Corp., 120 B'way, New York.
Steel Protected Concrete Co., Real Estate Trust Bldg., Philadelphia, Pa.
Steel Rail Supply Co., 2 Rector, New York.
Steel Roofing & Stamping Works, Des Moines, Ia.
Steel Sales Corp., iron & steel merchants & mfrs., Adams & Jefferson, Chicago, Ill.
Steel (The) Scaffolding Co., Evansville, Ind.
Steel Socket Shaft End Co., 1432 E. 49th, Cleveland, Ohio.
Steel Specialties Co., lock nuts & washers, Waltham, Mass.
Steel & Taylor, metal buttons, 107 W. 25th, New York.
Steel Truck Co., facty. trucks, Nowell, Mich.
Steel, W. B., canned goods, Port Deposit, Md.
Steel White Co., steel kitchen furniture & hospital equipment, Jamestown, N. Y.
Steel & Wike Co., steel struct'l wk., 533 N. 13th, Phila., Pa.
Steele, Alderfer, Co., cretes & hose reels, Cuyahoga Falls, Ohio.
Steele, Benton, architect, Halstead, Kan.
Steele & Condict, machsts. & fndrs., 74 Pearl, Jersey City, N. J.
Steele, E. J., machinists & founders, Boaz, Ala.
Steele, Fletcher, landscape architect, 88 Broad, Boston, Mass.
Steele Glass Co., 622 Locust, Philadelphia, Pa.
Steele Hardware Co., Parsons, Kan.
Steele & Hibbard Lbr. Co., 3125 N. B'way, St. Louis, Mo.
Steele, J. C., & Sons, cars & machinery, Statesville, N. C.
Steele & Johnson, lbr. mfrs., Winnsboro, La.
Steele & Johnson Mfg. Co., shade holders, etc., 779 S. Main, Waterbury, Conn.
Steele Mfg. Co., machsts. & fndrs., Gloversville, N. Y.
Steele, Resin D., archit., First Nat'l Bk. Bldg., Houston, Tex.
Steele & Son, contrs., Paterson, N. J.
Steele Table Co., Port Norfolk, Va.
Steele, W. M., automobile bldrs., Worcester, Mass.
Steele, Wm. M., contr., 248 Gertrude, Syracuse, N. Y.
Steele, Wilbur S., Co., furnace pipe & hot air furnace tops, Hartford, Conn.
Steele, Wm. L., architect, United Bk. Bldg., Sioux City, Ia.
Steele, Wm., & Sons Co., contractors, 1600 Arch, Phila., Pa.
Steelite Co., elevator gates, 1920 W. 77th, Cleveland, Ohio.
Steelton & Harrisburg Brick Co., Steelton, Pa.
Steelton Planing Mill Co., Steelton, Pa.
Steen, James T., architect, Fulton Bldg., Pittsburgh, Pa.
Steen Rice & Cotton Mill Co., Abbeville, La.
Steenberg, O. C., Co., sash, door & blind, Fond Du Lac, Wis.
Steenland Constr. Co., Palisades Park, N. J.
Steep, W. H., common brick, Seneca, Ill.
Steere Engineering Co., gas producers, Woodward & Horton avs, Detroit, Mich.
Steere, Geo., metal numbers, 432 S. Dearborn, Chicago, Ill.
Steere, John W., & Son Organ Co., Springfield, Mass.
Steers, Henry, contr., 17 Battery pl, New York City.
Steers, Hy., Sand & Gravel Co., 17 Battery pl, New York.
Steers Supply Co., belt dressing, 99 John, New York.
Stefani, Angelo, stone, Detroit, Mich.
Steffen, Gustave, nail sets, etc., 1934-38 N. Ruse, Philadelphia, Pa.
Steffens-Amberg Co., hdwe. mfrs., machsts., 262 Morris av, Newark, N. J.
Steffens, G., architect, Dime Bk. Bldg., Detroit, Mich.
Steffens & Steffens, architects, Williamson Bldg., Cleveland, Ohio.
Steffes, M., Son, masons' & bldrs.' matls., Penobscot Bldg., Detroit, Mich.
Steffey Mfg. Co., gas engines, Philadelphia, Pa.
Steffin, W. A., architect, Lincoln, Neb.
Stege, E. A., Mfg. Co., machsts. & fndrs., Louisville, Ky.
Stegeman Motor Car Co., 606 Linus, Milwaukee, Wis.
Steger & Sons Piano Mfg. Co., 238 S. Wabash av, Chicago, Ill.
Stegmayer, Charles, architect, 168 E. 91st, New York.
Stegner & Hughes, architects, Commercial Tribune Bldg., Cincinnati, Ohio.
Stehlin-Miller Henes Co., lamp guards, 103 Park av, New York.
Stehling, Chas. H., Co., hide & leather working, tanning, etc., machinery, 401 4th, Milwaukee, Wis.
Stehman Bros., lbr., Rainier, Ore.
Stehr, C., smoking pipes, 347 Broome, New York.
Steib, Emanuel L., machy. dlr., 79 Wall, New York.
Steidl Bros., meat packers, Mattoon, Ill.
Steiger, E., & Co., crude rubber, 49 Murray, New York.
Steiger & Kerr Stove & Foundry Co., 2201 Folsom, San Francisco, Cal.
Steiger, P., Trunk & Bag Co., 794 Broad, Newark, N. J.
Steiger Terra Cotta & Pottery Wks., Mills Bldg., San Fran., Cal.
Steigert, L., Co., safety water columns, food choppers, etc., Logan & Elder, Cincinnati, Ohio.
Steigerward, Ed., & Sons, bldg. contrs., 2303 Galena, Milwaukee, Wis.
Steigleiter, Fredk., architect, 213 Hudson, Hoboken, N. J.
Steigman, Philip, archit., 690 B'way, Brooklyn, N. Y.

Steimer & Moore Whip Co., Westfield, Mass.
Stein, Adam, organs, 5 N. Green, Baltimore, Md.
Stein Bros. & Co., advtg. novelties, Chicago, Ill.
Stein Constr. Co., Chattanooga, Tenn.
Stein-Ebertshaeuser & Co., stone producers, 1017 W. Division, Chicago, Ill.
Stein, Hall & Co., chemicals, 61 B'way, New York.
Stein, Hall & Co., starch mfrs., 111 W. Washington, Chicago, Ill.
Stein, Henry, plumbers' supplies, jobbers, 48 Cliff, New York.
Stein, J., & Sons, music cabinets, 38 Franklin, Brooklyn, N. Y.
Stein, S., architect'l & ornament'l iron, 63 N. Henry, B'klyn, N.Y.
Stein, Wm. P., & Co., machsts., Rochester, N. Y.
Steinal, Bruno, arch'l iron, 429 W. 26th, New York.
Steinam, Jos. L., architect, 40 W. 32d, New York.
Steinbach's, W. D., Sons, contractors, Lewiston, Pa.
Steinback, G. E., architect, 15 E. 40th, New York.
Steinbaugh, C. W., architect, Brandeis Theatre Bldg., Omaha, Neb.
Steinberg, Jacob, cornices, 229 Belmont av, Newark, N. J.
Steinberg, Nathan, scrap iron & steel, Omaha, Neb.
Steinberg Steam Cut Stone Co., stone producers, wkrs. & dlrs., 596 Rockaway av, Brooklyn, N. Y.
Steinbrenner, Chas. L., architect, 31 Clinton, Newark, N. J.
Steinbrenner-Fisher Co., contractors Niagara Falls, N. Y.
Steineger Saddlery Co., Springfield, Mo.
Steiner, August, agricultural implements, etc., Homewood, Ill.
Steiner Bros., machsts., Lima, Ohio.
Steiner, E. E., & Co., japanning & enameling ovens, 117-119 N. J. R. R. av, Newark, N. J.
Steiner, Emil F., japanning ovens, 58 Union, Newark, N. J.
Steiner Engraving & Badge Co., 804 Pine, St. Louis, Mo.
Steiner, Jos., lumber mfrs., Croghan, N. Y.
Steiner, M., & Co., machsts., Dayton, Ohio.
Steiner Mantel Co., 18th & Fairmount av, Baltimore, Md.
Steiner Mfg. Co., meat choppers, clothes washing machs., etc., 4100 N. 21st, St. Louis, Mo.
Steiner Mfg. Wks., machsts., Erie, Pa.
Steiner & Voegtly Hardware Co., 230 Diamond, Pittsburgh, Pa.
Steiner's, Wm., Sons, whol. hdwe., Monroe, Mich.
Steinert, R., & Co., machsts., Washburn, Wis.
Steinfeld Bros., toys, games & nov, lawn furniture, cobblers' outfits, etc., 116 W. 32d, New York.
Steinfield, Albert, & Co., mill & facty. supplies, whol. hdwe., Tucson, Ariz.
Steinhagen & Klinger, contractors, M. & M. Bk. Bldg., Milwaukee, Wis.
Steinhardt & Co., cottonseed meal, New Orleans, La.
Steinheiser, Christian P., masons' & bldrs.' matls., 1110 E. Grand blvd, Detroit, Mich.
Steininger, E. A., Construction Co., Victoria Bldg., St. Louis, Mo.
Steinkamp, Jos. G., & Bro., architects, Mercantile Library Bldg., Cincinnati, Ohio.
Steinke, E. H., Canning Co., Benton Harbor, Mich.
Steinle Turret Machine Co., turret lathes, Madison, Wis.
Steinman Bros., sashes, doors & blinds, Jenera, Ohio.
Steinman, F. W., architect, Beaumont, Tex.
Steinman Hdwe. Co., tin plate, metals, etc., Lancaster, Pa.
Steinman Lbr. Co., 385 35th, Milwaukee, Wis.
Steinmetz, Amandas, contractor, Easton, Pa.
Steinmetz & Casner, architects, Drexel Bldg., Phila., Pa.
Steinway & Sons, pianos, 109 E. 14th, New York.
Stelle, Oliver G., architect, Leaverett Bldg., Alton, Ill.
Stelling, Fred W., Corp., cornices, Hartford, Conn.
Stelling, P. J., & Co., sash, door & blind mfrs., Davenport, Iowa.
Stellman, L. H., & Son, saw mill machy., etc., Brattleboro, Vt.
Stelwagon Mfg. Co., tin plate, etc., 19th & Washington av, Philadelphia, Pa.
Stelzner, Charles J., flour, Frazee, Minn.
Stem, A. H., architect, Endicott Bldg., St. Paul, Minn.
Stemmer & Geick, stone prod., Wilkes-Barre, Pa.
Stempel Fire Extinguisher Mfg. Co., 4268 N. 20th, St. Louis, Mo.
Stenbiht, Arthur, architect, Alameda, Cal.
Stencil Treasury, 209 E. 59th, New York.
Stender Bros., contractors, Scranton, Pa.
Stender, C. F. G., & Co., display racks, 1142 Van Buren, Chicago, Ill.
Stender Coppersmith Co., 2932 Smallman, Pittsburgh, Pa.
Stender, Frank C., & Co., dock bldrs., 86 Weybosset, Providence, R. I.
Stenerson Bros., masons' & bldrs.' matls., Pelican Rapids, Minn.
Stengel, Barney, mattresses, 421 9th av, New York.
Stengel Bros. Co., enam. metal tile, Thompson & Chartiers av, Pittsburgh, Pa.
Stengel, Geo., Inc., patent lthr., Waverly, N. J.
Stengel & Rothschild, patent leather, Main, Newark, N. J.
Stenhouse, J. Armstrong, architect, 681 5th av, New York.
Stenken, A., & Son, soap, Hoboken, N. J.
Stenotype Co., shorthand typewriters, Indianapolis, Ind.
Stenson, Oliver E., contractor, Hartford, Conn.
Steorts, H. G., masons' & bldrs.' matls., Keyser, W. Va.
Stephan Lumber Co., Upper Sandusky, Ohio.
Stephans, W. E., architect, 208 S. Chester, Schenectady, N. Y.
Stephen, David, Jr., archit., 4944 Park View pl, St. Louis, Mo.
Stephen & Stephen, architects, New York Bldg., Seattle, Wash.
Stephen, Thos., architect, Camden, N. J.
Stephens, A. W., Mfg. Co., advertising specialties mfrs., Waltham, Mass.
Stephens-Adamson Mfg. Co., machsts. & fndrs., Aurora, Ill.
Stephens & Bro., glue mfrs., 16 E. 2d, Cincinnati, Ohio.
Stephens Bros., masons' & bldrs.' matls., Summit, N. J.
Stephens, Burett M., architect, Wilmington, N. C.
Stephens City Milling Co., flour, Stephens City, Va.
Stephens & Conrow Co., mill & facty. supplies, 98 Park pl, New York.
Stephens, David, brick, Madison, Wis.
Stephens Gas & Elec. Chandelier Co., Kansas City, Mo.
Stephens, H. A., contractor, Lincoln, Neb.
Stephens, Harry Thornton, architect, United Bank Bldg., Paterson, N. J.
Stephens, Henry & Co., lumber, Waters, Mich.
Stephens, Jackson Co., roofing slate mfrs., Pen Argyl, Pa.
Stephens, James S., automobile bldrs., 6329 Bond av, Chicago, O.
Stephens Mfg. Co., fireless cookers, 67 Carroll, Buffalo, N. Y.
Stephens & Pearson, architects, Cent. Nat. Bk. Bldg., St. Louis, Mo.
Stephens Roe Mfg. Co., machsts. & fndrs., Detroit, Mich.
Stephens & Stewart, masons' & bldrs.' matls., College Corner, O.
Stephens Supply Co., masons' & bldrs.' matls., Bryant Bldg., Kansas City, Mo.
Stephens, Thos., & Sons, contractors, church furniture, 275 Lark, Albany, N. Y.
Stephens, Windsor, & Co., bottle openers & strawberry hullers, Waltham, Mass.
Stephens, Wilmot, linemen's climbers, Binghamton, N. Y.
Stephensen-Browne Lbr. Co., Chickasha, Okla.
Stephenson, C. H., bath room fixtures & garbage receivers, mfrs., Lynn, Mass.
Stephenson Charcoal Iron Co., blast furnaces, Wells, Mich.
Stephenson, E. E., Lumber Co., Celina, Ohio.
Stephenson, H. Pendleton, architect, 262 Pearl, New York.
Stephenson, I., Co., maple flooring, Wells, Mich.
Stephenson, L. L., brick, Lovick, Ala.
Stephenson Mfg. Co., automatic wood turnings, South Bend, Ind.
Stephenson Mfg. Co., belt dressing, lubricants, etc., Albany, N. Y.
Stephenson, Robt. S., archit., 2 West 45th, New York.
Stephenson Supply Co., battery holders, Auburn, N. Y.
Stephenson & Wheeler, architects, 2 W. 45th, New York.
Steptoe, John Sheper, Co., shaping mach., 2951 Colerain av, Cincinnati, Ohio.
Sterilizer Mfg. Co., Syracuse, N. Y.
Sterling Aluminum Co., Erie, Pa.
Sterling Blower Co., Hartford, Conn.
Sterling Brass Co., compression cocks, 4610 St. Clair av, Cleveland, Ohio.
Sterling Brass Polishing Co., machts. & fndrs., 105 Livingston, Brooklyn, N. Y.
Sterling Brick Co., Olean, N. Y.
Sterling Bronze Co., 16 E. 40th, New York.
Sterling Casket Hardware Co., 383 Kent av, Brooklyn, N. Y.
Sterling Co., pianos, Derby, Conn.
Sterling Cork & Seal Co., Toledo, Ohio.
Sterling, Crumbliss Hardware Co. (whol.), Knoxville, Tenn.
Sterling Desk Co., Grand Rapids, Mich.
Sterling Devices Co., transformers, 601 West 26th, New York.
Sterling Drop Forge Works, 112 N. La Salle, Chicago, Ill.
Sterling Elec. Corp., heaters, 76 W. 3rd, Cleveland, Ohio.
Sterling Elec. Lamp Works of G. E. Co., Warren, Ohio.
Sterling Engine Co., marine engines, Buffalo, N. Y.
Sterling Engineering & Constr. Co., Caswell blk, Milwaukee, Wis.
Sterling Equipment Co., air reheaters, etc., 139 N. Clark, Chicago, Ill.
Sterling Equip. & Supp. Co., boiler compounds, 315 Cherry, Philadelphia, Pa.
Sterling Fastener Co., 432 E. 71st, New York City.
Sterling Foundry Co., Sterling, Ill.
Sterling Foundry & Machine Co., junction boxes, 521 Chancellor av, Newark, N. J.
Sterling Glass Co., Celestial Mt. Ad., Cincinnati, Ohio.
Sterling Grinding Wheel Co., Tiffin, Ohio.
Sterling Hdwe. Co., Bluefield, W. Va.
Sterling Iron Works, Stockton, Cal.
Sterling Iron & Steel Co., machy. dlrs., 1010 N. Hamilton, Philadelphia, Pa.
Sterling Knit Goods Co., sweater, cardigans, etc., Stiles, Boston, Mass.
Sterling Mach. & Stamping Co., Wellington, Ohio.
Sterling Mach. Works, hdwe. mfrs., 2622 Amber, Phila., Pa.
Sterling Mfg. Co., ammeters & voltmeters, Blackstone Bldg., W. 3d, Cleveland, Ohio.
Sterling Mfg. Co., cloth mops, Reading, Mass.
Sterling Mfg. Co., machsts. & fndrs.—agri'l implts., Sterling, Ill.
Sterling Mfg. Co., rubber substitutes, Gloucester, Mass.
Sterling Mfg. Co., surgical insts., Springfield, Ohio.
Sterling Metal Nov. Mfg. Co., 174 Worth, New York.
Sterling Mills, sweaters, cardigans, etc., Ilion, N. Y.
Sterling Motor Co., machsts., 1147 W. Grand blvd, Detroit, Mich.
Sterling Motor Truck Co., West Allis, Wis.
Sterling Oil Co., Emlenton, Pa., & Rochester, N. Y.
Sterling Paint & Color Co., Louisville, Ky.
Sterling Paint Co., 118 1st, San Francisco, Cal.
Sterling Paper Co., Dayton, Ohio.
Sterling Piano Co., 518 Fulton, Brooklyn, N. Y.
Sterling Pin Co., wire hooks & eyes & hairpins, Derby, Conn.
Sterling Products Co., sodium hypochlorite, Easton, Pa.

Sterling Refining Co., lubricating oils & greases, 5716 Euclid av, Cleveland, Ohio.
Sterling Ring Traveler Co., tex. machy. supplies, Fall River, Mass.
Sterling Salt Co., 29 B'way, New York.
Sterling & Skinner Mfg. Co., cocks, 2672 E. Grand blvd, Detroit, Mich.
Sterling Specialty Co., brass castings, etc., Newcomerstown, O.
Sterling Spring Co., 2148 Scranton rd, Cleveland, Ohio.
Sterling Steel Foundry Co., Braddock, Pa.
Sterling Stone Co., Spokane, Wash.
Sterling Switchboard Co., Camden, N. J.
Sterling Top & Equipment Co., auto. bodies, trunk, racks, etc., 518 W. 57th, New York.
Sterling Vacuum Cleaner Co., Worcester, Mass.
Sterling Valve Co., Springfield, Mass.
Sterling Varnish Co., Fulton Bldg., Pittsburgh, Pa.
Sterling, W. C., & Son Co., lumber, Monroe, Mich.
Sterling Waxed Paper Mfg. Co., 245 South, Newark, N. J.
Sterling Wheelbarrow Co., 64th & Pullen av, Milwaukee, Wis.
Sterling Wire Box Co., 366 So. Senate av, Indianapolis, Ind.
Stern, Benj E., architect, 56 W. 45th, New York.
Stern Bros. & Co., black carbons, 136 W. 52d, New York.
Stern, Edw., & Co., calender pads, 140 N. 6th, Phila., Pa.
Stern, Eugene John, archit., Little Rock, Ark.
Stern Foundry & Machy. Co., New Orleans, La.
Stern, Jos., & Sons, meat packers, 614 W. 40th, New York.
Stern, Leon, architect, Chamber of Com. Bldg., Rochester, N. Y.
Stern, Louis, & Co., silver novelties, 29 Metcalf Bldg., Providence, R. I.
Stern, Ludwig, pocket book & bag frames, 303 W. 103rd, New York.
Stern, Philip N., architect, Fredericksburg, Va.
Stern Spec. Co., rubber aprons, sheeting, 40 E. 22d, New York.
Sternau, S., & Co., faucet filters, 35 Gold, Brooklyn, N. Y.
Sternberg, Albert E., stencils, 214 Arch, Philadelphia, Pa.
Sternberg Bros., contractors, Nat. Bk. of Com., St. Louis, Mo.
Sternberg, J., & Son, contractors, Long Island City, N. Y.
Sternberg Motor Truck Co., Milwaukee, Wis.
Sterner, Edwin Co., mill & facty. supplies, Flint, Mich.
Sterner, Fred'k J., architect, 154 E. 63d, New York.
Sternfeild, H., archit., 403b Iroquois apts., Pittsburgh, Pa.
Steinman Elec. Grinder Co., Inc., elec. valve grinder mfrs., 42 Southbridge, Worcester, Mass.
Sternthal, F., pennant mfrs., 217 W. Madison, Chicago, Ill.
Sterrett & Aberle Packing Co., meat, Portland, Ore.
Sterritt-Thomas Foundry Co., 32d & Smallman, Pittsburgh, Pa.
Stetler, J. H., architect, Middleburg, Pa.
Stetler, Mengel & Co., architects, Wyomissing, Pa., & Penn av, Reading, Pa.
Stetson, Cutler & Co., masons' & bldrs.' matls., 70 Kilby, Boston, Mass.
Stetson & Ellison Co., canned goods, Camden, Del.
Stetson, F. F., & Co., canned goods, Los Angeles, Cal.
Stetson, J. H., Co., mill & facty. supplies, Lewiston, Me.
Stetson, N., & Co., pianos, 1111 Chestnut, Philadelphia, Pa.
Stetson & Post Lumber Co., sash, door & blind mfrs., Seattle, Wash.
Stetson-Ross Mach. Works, storage battery trucks, Seattle, Wash.
Stetson University School of Technology, engng. schools & coll., De Land, Fla.
Steuben, Theodore, architect, 1608 Belmont av, Chicago, Ill.
Steubenville Coal & Mining Co., Steubenville, Ohio.
Steubenville Hardware & Supply Co. (whol.), Steubenville, Ohio.
Steubenville Pottery Co., Steubenville, Ohio.
Steubenville Stone Co., Steubenville, Ohio.
Steul & Thuman Co., wood mantels, 278 Johnson, Buffalo, N. Y.
Steusloff Bros., Inc., meat packers, Salem, Ore.
Steutor Elec. Mfg. Co., automobile telephones, 68 Hunters Point av, New York.
Steven & Son Co., stone producers, 175 W. Jackson blvd, Chicago, Ill.
Stevener, Charles W., founders, Tarentum, Pa.
Stevenot, Chas., J. & Co., glue gelatine, 388 Pearl, New York
Stevens, A. E., & Co., carriage wheels, etc., Portland, Me.
Setvens, A. W., brick, Texarkana, Ark. & Texas.
Stevens, Benj. A., Co., refrigerators, butchers' supplies, etc., Toledo, Ohio.
Stevens, Benj. R., architect, 1737 Filbert, Philadelphia, Pa.
Stevens Bros., chemical machy., 85 Liberty, New York.
Stevens Bros. & Co., potteries, Stevens Pottery, Ga.
Stevens, C. A., & Co., woolen flannels, Ware, Mass.
Stevens, C. H. (Est. of), mchst. & fndrs., Winooski, Vt.
Stevens, C. P., masons' & bldrs.' matls., Franklin, N. H.
Stevens, C. S., & Son, canned goods, Cedarville, N. J.
Stevens, C. Whitney, architect, 64 W. Randolph, Chicago, Ill.
Stevens & Caskey, canned goods, Hemlock, N. Y.
Stevens Chair Co., 209 7th, Pittsburgh, Pa.
Stevens, Chas. E., contractor, Danville, Ill.
Stevens, Chas. G., Co., piano wire, 33 S. Jefferson, Chicago, Ill.
Stevens & Co., battery connectors, bicycle pedals, etc., 375 B'way, New York.
Stevens Contracting Co., 415 Penn av, Pittsburgh, Pa.
Stevens, Edw. F., architect, 9 Park, Boston, Mass.
Stevens, F. O., sash, door & blind mfr., Worcester, Mass.
Stevens, F. W., contractor, Newton Center, Mass.
Stevens, Frederick B., masons' & bldrs'., 3d & Larned, Detroit. Mich.
Stevens, G. A., fndr., Great Barrington, Mass.
Stevens, Geo. I., metal polish, Essex, Conn.
Stevens Grease & Oil Co., E. 79th & Avrina av, Cleveland, Ohio.
Stevens, H. C., architect, Kresge Bldg., Detroit, Mich.
Stevens, H. D., Co., granite, Barre, Vt.
Stevens, H. E., canned goods, Nace, Va.
Stevens, H. L., lumber, Boonsboro, Ky.
Stevens, H. L., & Co., archl. engrs., 910 S. Michigan av, Chicago, Ill.
Stevens, H., Sons Co., brick, Macon, Ga.
Stevens Hardware Co., Dublin, Ga.
Stevens, Harry E., architect, Monadnock Bldg., Chicago, Ill.
Stevens Institute of Technology, engng. college, Hoboken, N. J.
Stevens Iron Works & Fireproofing Co., Cleveland, Ohio.
Stevens, J., Arms Co., fire arms mfrs., Chicopee Falls, Mass.
Stevens, J. E., canned goods, Nace, Va.
Stevens, J. & E., Co., mchsts. & fndrs., Cromwell, Conn.
Stevens, J. R., Co., contractors, Odd Fellows' Temple, Cincinnati, Ohio.
Stevens, J. Walter, architect, N. Y. Life Bldg., St. Paul, Minn.
Stevens, John Calvin, architect, 187 Middle, Portland, Me.
Stevens, John Howard, architect, 187 Middle, Portland, Me.
Stevens, Jos., glass stainer, Orange, N. J.
Stevens, Joseph G., 2d, architect, Newport, R. I.
Stevens Linen Works, Webster, Mass.
Stevens, Louis, architect, Columbia Bk. Bldg., Pittsburgh, Pa.
Stevens Lumber Co., Deer Park, Wash., Rhinelander, Wis., & Waterville, Wash.
Stevens, M. T., & Sons Co., woolen carriage cloth, North Andover, Mass.
Stevens Mfg. Co., cotton damasks, Fall River, Mass.
Stevens Mfg. & Foundry Co., Decatur, Ill.
Stevens-Martin & Co., fertilizer, Carlton, Ga.
Stevens, Norton A., mchst., Oswego, N. Y.
Steven's Organ & Piano Co., Marietta, Ohio.
Stevens Point Box & Lbr. Co., Stevens Point, Wis.
Stevens, T. D., canned goods, Troutville, Va.
Stevens Tank & Tower Co., Auburn, Me.
Stevens & Thompson, paper & pulp mills, North Hoosick, N. Y.
Stevens Type & Press Co., mchsts., 183 High, Boston. Mass.
Stevens, W. F., architect, Endicott Bldg., St. Paul, Minn.
Stevens, W. H., sashes, doors & blinds, Cumberland, Ohio.
Stevens, W. L., architect, Whitney Bldg., New Orleans, La.
Stevens, W. L., Inc., canned goods, Cape May, N. J.
Stevens, Walter B., & Son, sailors' palms, dog collars & muzzles, 107 Chambers, New York.
Stevens & Whiteway, architects, Sioux Falls, S. D.
Stevens & Willis Co., shoe nails, shanks & tacks, South Braintree, Mass.
Stevenson, Bro., & Co., lubricating oils, 110 Race, Phila., Pa.
Stevenson Bros., ties, poles & posts, Jackson, Ohio.
Stevenson & Cameron, contractors, 37 W. 25th, New York.
Stevenson Coal Co., masons' & bldrs.' matls., Winona, Minn.
Stevenson Cold Storage Door Co., Chester, Pa.
Stevenson & Co., machsts., 607 S. Caroline, Baltimore, Md., & Wellsville, Ohio.
Stevenson, David, & Sons, brick, Ashley, Mich.
Stevenson, D. S., Co., copper ores, First Nat'l Bk. Bldg., San Francisco, Cal.
Stevenson, E. D., carriages, Wadsworth.
Stevenson, Edw. S., heaters, New Castle, Pa.
Stevenson, F. A., masons' & bldrs.' matls., Adrian, Mich.
Stevenson, J. A., & Co., masons' & bldrs.' matls., wholesale hardware, Mount Pleasant, Pa.
Stevenson, Jno. B., mach. & fndrs., Bryan, Tex.
Stevenson & Leonard Mach. Co., Albany, N. Y.
Stevenson Lumber Co., Seattle, Wash.
Stevenson, Milford (Est. of), masons' & bldrs'. matls., Etna, Pa.
Stevenson Packing Co., meat, Sedalia, Mo.
Stevenson, R. M., architect, Pocomoke City, Md.
Stevenson, Tom, & Co., umbrellas, 85 5th av, New York.
Stevenson, W. J., sewer cleaning mach., 1720 Cedar, Milwaukee, Wis.
Stevenson, W. Ward, Winchester, Ky.
Stever, Arthur J., architect, 56 Broadway, New York.
Steves, Ed., & Sons, sashes, doors & blinds, San Antonio, Tex.
Steward Davit & Equip. Corp., ship hdwe. specialties, 17 Battery pl, New York City.
Steward, D. M., Mfg. Co., mantles, burners, chalks, crayons, etc., Chattanooga, Tenn.
Steward, G. S., Co., curtain poles, cedar chests, etc., Norwalk, O.
Steward, L. & J. A., capping machines, Rutland, Vt.
Steward & Romaine Mfg. Co., 124 N. 6th, Philadelphia, Pa.
Stewardson Packing Co., meat packers, Stewardson. Ill.
Stewardson & Page, architects, 316 Walnut, Philadelphia, Pa.
Stewart, A. C., Co., machinist, Los Angeles, Cal.
Stewart, A. Collins, Co., soap, 70 Freeport, Boston, Mass.
Stewart, A. F., brooms, 916 Fauquier, St. Paul, Minn.
Stewart, A. F., police wagons, hose carriages, etc., Rochester, N. Y.
Stewart, A. L., & Sons, canned goods, Cherryfield. Me.
Stewart, A. T., Lumber Co., 7801 Greenwood av, Chicago, Ill.
Stewart, Alex., Lumber Co., Wausau, Wis.
Stewart, Alfred C., Machine Works, gasoline fuel savers, Los Angeles, Cal.

Stewart & Bergen Co., cornices, Fort Plain, N. Y.
Stewart Boiler Works, Worcester, Mass.
Stewart Bros., contractors, Columbia, Mo.
Stewart Bros., machsts., Lynn, Mass., & Ottawa, Ill.
Stewart Bros. & Co., carriages, Cambridge, Mass.
Stewart Bros. Hardware Co., Memphis, Tenn.
Stewart & Bruckner Co., mill & facty. supplies, Nashville, Tenn.
Stewart, C. W., architect, Bridgeport, Conn.
Stewart-Carey Glass Co., Indianapolis, Ind.
Stewart & Carlson, flour, Prineville, Ore.
Stewart & Co., modeling clays, 24 B'way, New York.
Stewart & Delanney, lumber, Curtin, Ore.
Stewart & Donohue, stone prod., Augustine, Wilmington, Del.
Stewart, Edmund T., architect, 201 Devonshire, Boston, Mass.
Stewart Engineering Corp., contractors, 61 B'way, New York.
Stewart, F. H., Elec. Co., socket strain relief grips, 37 N. 7th, Philadelphia, Pa.
Stewart, F. P., Granite Co., stone producers, Hamilton, Ohio.
Stewart, Frank H., Elec. Co., lamp cord adjusters, bushings, etc., 35 N. 7th, Philadelphia, Pa.
Stewart, G. A., brick, Madisonville, Ky.
Stewart & Gabriel, leather & wholesale, 808 B'way, Oakland, Cal.
Stewart, Geo. S., Co., dictionary holders, Norwalk, Ohio.
Stewart, Geo. W., archit., 262 Central av, St. Petersburg, Fla.
Stewart, G. J., & Co., masons' & bldrs.' matls., Chariton, Ia.
Stewart-Greer Lumber Co., St. Louis, Mo.
Stewart & Hayden Co., mill & facty. supplies, Burlington, Ia.
Stewart Heater Co., condensers, pumps, etc., Buffalo, N. Y.
Stewart-Holland Co., archl. iron, Wabash Bldg., Pittsburgh, Pa.
Stewart, Hope D., contractor, Amer. Bk. Bldg., Seattle, Wash.
Stewart, I. N., lbr., Peoples Bank Bldg., Buffalo, N. Y.
Stewart Iron Co., Ltd., Rockefeller Bldg., Cleveland, Ohio.
Stewart Iron Works Co., Covington, Ky.
Stewart, J. J., sash, door & blind, Salt Lake City, Utah.
Stewart, J. L., contractor, Rochester, N. Y.
Stewart, J. M., & Co., masons' & bldrs.' matls., Indiana, Pa.
Stewart, J. R., carriages, Coshocton, Ohio.
Stewart, J. Roland, canned goods, Cambridge, Mass.
Stewart, J. W., Co., cornices, Lowell, Mass.
Stewart, Jas., & Co., contractors, ft. Kelso, Baltimore, Md., & Girard Pt., Philadelphia, Pa.
Stewart, Jas., & Co., Inc., contractors, 30 Church, New York.
Stewart, Jas. M., & Co., wholesale hardware, Indiana, Pa.
Stewart, James R. & Robt. W., architects, Bell Blk., Cincinnati, O.
Stewart & Jarrell, canned goods, Hillsboro, Md.
Stewart-Jones Co., contractors, Rock Hill, S. C.
Stewart, Jos. I., contractor, 1295 Commonwealth, Boston, Mass.
Stewart Lbr. Co., Joplin, Mo.
Stewart-McGehee Construction Co., Little Rock, Ark.
Stewart Mfg. Co., die castings, 323 Wells, Chicago, Ill.
Stewart Mfg. Co., truck units, Waterloo, Ia.
Stewart Motor Corp., Buffalo, N. Y.
Stewart, Mowry Co., varnish mfrs., 3218 Shields av, Chicago, Ill.
Stewart-Peck Sand Co., Amer. Bank Bldg., Kansas City, Mo.
Stewart Phonograph Corp., talking machines, 2843 N. Lincoln, Chicago, Ill.
Stewart, R. A., & Co., stencils, steel stamps, etc., 201 B'way, New York.
Stewart, R. T. & C. D., Contr. Co., Easton, Pa.
Stewart, S. A., & Co., fire alarms, Waltham, Mass.
Stewart, S. B., heating contr., 306 Front, Bellevue, Cincinnati, Ohio.
Stewart, S. J., armature coils, 312 Carondelet, New Orleans, La.
Stewart, S. P., & Son, architects, Bowling Green, Ohio.
Stewart-Skinner Co., elec. lanterns, harness awls, Worcester, Mass.
Stewart, W. E., brick, Mankato, Minn.
Stewart, W. F., Co., metal auto. bodies, Flint, Mich.
Stewart-Warner Speedometer Corp., elec'l horns, etc., 1826 Deversey Parkway, Chicago, Ill.
Stewart Wholesale Co., whol. hdwe., Boise, Idaho.
Stewart, Wiley, lumber mfr., Eva, Ala.
Stewart, Willard L., contractor, E. E. Trust Bldg., Pitts'bg, Pa.
Stewart, Wm., architect, Wabash, Ind.
Steward-Witherill Machine Co., Birmingham, Ala.
Stibolt, A. Henry, architect, 220 Bonnie Brae, Los Angeles, Cal.
Stichter Hardware Co., Reading, Pa.
Stickle, G. W., masons' & bldrs.' matls., Rockaway, N. J.
Stickler, J. M., woolen blankets, Mauston, Wis.
Stickles, Walter F., architect, 10 N. 2nd av, Mount Vernon, N. Y.
Stickley, E. B., Machy. Co., dlrs., Detroit, Mich.
Stickney, Chas. A., Co., machsts. & fndrs., Fillmore & Starkey, St. Paul, Minn.
Stickney, Clarence, lbr. mfrs., West Townsend, Mass.
Stickney, Frederick W., archit., Hildreth Bldg., Lowell, Mass.
Stickney, F. W., architect, 18 Shattuck, Lowell, Mass.
Stickney, Hy., machst., Portland, Me.
Stickney, J. W., & Co., paints, Boston, Mass.
Stickney, John B., cornices & skylights, Belfast, Me.
Stickney & Montague, addressing & mailing machines, Chattanooga, Tenn.
Stickney, Tirrell & Co., chalk mfrs., 31 Milk, Boston, Mass.
Stickney, W. W., architect, Pueblo, Colo.
Stidman & Co., bank railings, 616 E. Fayette, Baltimore, Md.
Stief Bros., brick & tile, Carey, Ohio.
Stiefel, Geo., Co., brewers' machy., 4651 Gross av, Chicago, Ill.
Stieff, Chas. M., pianos, 9 N. Liberty, Baltimore, Md., & 122 Boylston, Boston, Mass.
Stier, Herman, brass castings, 814 George, Chicago, Ill.
Stiers, F. A., contractor, 4512 Morgan, St. Louis, Mo.
Stifel, Chas. F., Co., harness lthr., Preble & Juniata, N. S., Pittsburgh, Pa.
Stiff, Frank L., architect, Grosse Bldg., Los Angeles, Cal.
Stiffel & Freeman Co., machsts. & fndrs., 723 Chestnut, Philadelphia, Pa.
Stiglitz, Chas. G., & Sons, founders, Louisville, Ky.
Stikeman, Geo., metallic library fittings, 114 W. 32d, New York.
Stiles Bros. Co., lbr. mfrs., Grand Rapids, Mich.
Stiles, E. M., masons' & bldrs.' matls., Paterson, N. J.
Stiles, Geo. W., Construction Co., 11 S. La Salle, Chicago, Ill.
Stiles, H. A., & Co., emery & corundum & woodwork mfrs., handles, etc., 93-97 Oliver, Boston, Mass.
See adv index at end of book.
Stiles & Hart Brick Co., Taunton, Mass.
Stiles, I. H., masons' & bldrs.' matls., Battle Creek, Mich.
Stiles, I. L., & Son Brick Co., New Haven, Conn.
Stiles-Morse Co., canning machs., 562 Washington blvd., Chicago, Ill.
Stiles, T. Geo., Co., machsts., Arlington, N. J.
Stiles, Wayne E., landscape architect, 95 Oliver, Boston, Mass.
Stiles, Wm. H., crude rubber, 79 Wall, New York.
Stilesboro Warehouse Co., Stilesboro, Ga.
Still, Jos. H., cornices & skylights, Hastings, Neb.
Still, W. R., masons' & bldrs.' matls., Conyers, Ga.
Stillburg, Jos., architect, Fort, Pittsburgh, Pa.
Stillman, Carmichael Co., damper regulators, 19 Pearl, Boston, Mass.
Stillman-Delehanty-Ferris Co., contractors & dock bldrs., 26 Exchange pl, Jersey City, N. J.
Stillman, F. M., Co., contractors, 26 Exchange pl, Jersey City, N. J.
Stillman, J. A., lumber, Tidioute, Pa.
Stillman, Michael, architect, 124 E. 25th, New York.
Stillwater Hardware Co., Stillwater Minn.
Stillwater Lumber Co., Little Falls, Wash.
Stillwater Mfg. Co., sashes, doors & blinds, Stillwater, Minn.
Stillwater Milling Co., flour, Stillwater, Okla.
Stillwell Bros., contractors, Seattle, Wash.
Stillwell, E. W., & Co., architects, Henne Bldg., Los Angeles, Cal.
Stillwell, Erie G., architect, Hendersonville, N. C.
Stillwell & Gladding, chemists, 95 Front, New York.
Stillwell, Jos., contractor, Mantoloking, N. J.
Stillwell Laboratory, chemists, 76 Pine, New York.
Stillwell, S. H., contractor, Princeton, N. J.
Stilwell, Arthur A., & Co., oils, 28 Cliff, New York.
Stimmel, Sam'l, machst., 5 Bedford, New York.
Stimple & Ward Co., armature coils, 518 Sandusky, Pittsburgh, Pa.
Stimpson, Edwin B., Co., eyelets, gas attachments, grommet setting machy., etc., 68 Franklin av, Brooklyn, N. Y.
Stimpson Equipment Co., flotation machines, Salt Lake City, Utah.
Stimpson Scale & Mfg. Co., Northville, Mich.
Stimson, J. V., lumber, Huntingburg, Ind.
Stimson Mill Co., lumber, Seattle, Wash.
Stimson, T. F., founders, Hancock, N. Y.
Stinchcomb & Boddy, landscape architects, B. of L. E. Bldg., Cleveland, Ohio.
Stine, C. W., Pottery Co., White Cottage, Ohio.
Stine, David L., architect, The Valentina, Toledo, Ohio.
Stine, J. R., & Co., beltng, 465-471 Kent av, Brooklyn, N. Y.
Stine, J. C., Co., machsts. & fndrs., Tyrone, Pa.
Stine, S. B., mill & facty. supplies, Osceola Mills, Pa.
Stine, Sam'l R., machsts. & fndrs., McVeytown, Pa.
Stines, A. H., Jr., architect, 132 4th, Brooklyn, N. Y.
Stinson, B. F., & Co., polishes, Buffalo, N. Y.
Stinson Box Co., packing, 2129 S. Peoria, Chicago, Ill.
Stinson & Dickinsheets, masons' & bldrs.' matls., Gloucester, N. J.
Stinson, Edward, Mfg. Co., wagon spokes, 327 North, Baltimore, Md.
Stinson Traction Co., Minneapolis, Minn.
Stipes & Hecker, bldrs.' matls., Champaign & Urbana, Ill.
Stipes, Jno. W., contr., Champaign, Ill.
Stipes & Pilcher, contrs., Champaign, Ill.
Stipp, Ludwig T., contractor, Scranton, Pa.
Stipp, Mathias, brick, Scranton, Pa.
Stipp, Peter, & Sons, stove prod., Scranton, Pa.
Stirling-Warfel Mill Supply Co., Erie, Pa.
Stirling Woolen Mills, Lowell, Mass.
Stirlith, J. A., Bros., scrap iron & steel, 114 Tatnall, Wilmington, Del.
Stirrup Mfg. Co., metal nov. & spec., 257 Greenwich, New York.
Stitt, James C., architect, Norfolk, Neb.
Stitt, Robert G., machinist, Toledo, Ohio.
Stittville Canning Co., Stittville, N. Y.
Stiver, Harvey, contractor, Rialto Bldg., Kansas City, Mo.
Stock, G. B., Xylite Grease & Oil Co., Port Huron, Mich.
Stock, Jno., Sons, whol. hdwe., San Jose, Cal.
Stock, Lester H., contractor, Hearst Bldg., San Francisco, Cal.
Stock, M. W., contractor, St. Joseph, Mich.
Stockbridge Machine Co., index centers, planer grinders & shaping machy., Worcester, Mass.
Stockdale Tile & Brick Co., Corrothers, Ohio.

Stockdell Myers Hardware Co., Petersburg, Va.
Stockdon, B. F., & Bros., machsts. & fndrs., Staunton, Va.
Stocker Concrete Material Washer Co., sand, Highland, Ill.
Stocker & Fraser, contractors, Chamber of Commerce, Denver, Colo.
Stocker, H. A., Machy. Co., emery wheel dressers, 570 W. Randolph, Chicago, Ill.
Stocker Material Washer Co., gravel washers, Highland, Ill.
Stocker-Rumley-Wachs Co., machy. dlrs., 117 N. Jefferson, Chicago, Ill.
Stockert, G. F., & Son, lumber, Buckhannon, W. Va.
Stockert, J. J., brick, Churubusco, Ind.
Stockford Reel Co., fishing reels, 330 W. Kinzie, Chicago, Ill.
Stockham, Chas., Lumber Co., Camden, N. J.
Stockham, E. V., canned goods, Perryman, Md.
Stockham Pipe & Fittings Co., Birmingham, Ala.
Stockham, T. B., architect, Morrisville, Pa.
Stockham, W. E., architect, Ramge Bldg., Omaha, Neb.
Stockhausen, Chas. L., Co., contractors, Nat. Marine Bk. Bldg., Baltimore, Md.
Stockhoff Supply Co., steam htg. contrs., 107 N. Main, St. Louis, Mo.
Stockholm & Allyn, contractors, Monadnock Bldg., San Francisco, Cal.
Stocking, Geo. E., canned goods, Rochelle, Ill.
Stockland Road Machy. Co., Minneapolis, Minn.
Stockley & Forbes, advtg. nov., Gloversville, N. Y.
Stocklin, W. C., Co., patterns & models, Columbus, Ohio.
Stockport Fibre Co., cotton batting, Stockport, N. Y.
Stockton, A. L., Lumber Co., 6130 Mission, San Francisco, Cal.
Stockton Canning Co., Stockton Springs, Me.
Stockton Fire & Enamel Brick Co., Rialto Bldg., San Francisco & Stockton, Cal.
Stockton Iron Works, Stockton, Cal.
Stockton, Louis L., architect, 35 W. 39th, New York.
Stockton Rubber Co., Stockton, N. J.
Stockton, W. B., masons' & bldrs.' matls., Ashtabula, Ohio.
Stockwell & Co., blower mfrs., sad irons, etc., 229 N. Holliday, Baltimore, Md.
Stockwell, J. W., Co., fertilizer mfrs., Fillmore, N. Y.
Stockwell, L. W., Co., mattresses, Alameda, Los Angeles, Cal.
Stoddard Construction Co., 343 S. Dearborn, Chicago, Ill.
Stoddard, D., & Son, roofing slate mfrs., Bangor, Pa.
Stoddard-Jakel Mach. & Tool Co., Kerr Bldg., Detroit, Mich
Stoddard Oil Co., lubricating oil jobbers, 17 Battery pl, New York City.
Stoddard Rubber Co., 120 Commercial, Worcester, Mass.
Stoddard Tel. Const. Co., Monroe, Mich.
Stoddard Union Co., machsts. & fndrs., Taunton, Mass. & Lockport, N. Y.
Stoddart, A. P., & Co., mill & facty. supplies, Gloucester, Mass.
Stoddart, Wm. L., architect, 9 E. 40th, New York
Stoeckle, W. A., masons' & bldrs.' matls., Sterling, Ill.
Stoelting, C. H., Co., chemical app., 3047 Carroll av, Chicago, Ill.
Stoelzle, John, & Bro., cornices & skylights, Murphysboro, Ill.
Stoermer, G. A., flour, Eagle Lake, Tex.
Stoffel & Brach, masons' & bldrs.' matls., Racine, Wis.
Stohr & Freund, machsts. & fndrs., Muscatine, Ia.
Stokeley Bros. & Co., canned goods, Newport, Tenn.
Stokes Bros. Co., lumber mfrs., N. W. 30th & Chestnut, Philadelphia, Pa.
Stokes Bros. Mfg. Co., machsts., Freehold, N. J.
Stokes Contractors, Brisbane Bldg., Buffalo, N. Y.
Stokes, E. K., bags, & bagging, 78 Pearl, New York.
Stokes, F. J., Machine Co., bricketting, chemical & pharmaceutical machy., Philadelphia, Pa.
Stokes, T. N. Phelps, archit., 100 William, New York, N. Y.
Stokes, J. J., & Son, flour mills, Monticello, Ky.
Stokes, Jos., Rubber Co., mech. rubber goods, Trenton, N. J.
Stokes Mfg. Co., sewing cabinets, Montgomery, Pa.
Stokes Milling Co., flour, Watertown, S. D.
Stokes & Parrish Elev. Co., 12th & Samson, Philadelphia, Pa.
Stokes & Smith Co., paper box covering machines, Sunnerdale Sta., Philadelphia, Pa.
Stokes, T. C., masons' & bldrs.' matls., Olmstead Falls, Ohio.
Stokes & Whittingham, contractors, Penobscot Bldg., Detroit, Mich.
Stokes, Wm. A., & Co., ladders, racks, bread & ironing boards, etc., 50 Howard, New York.
Stokes, Zeller, Co., architects & contractors, Chamber of Commerce Bldg., Portland, Ore.
Stokley, Jas., & Co., umbrella mfrs., 728 Cherry, Phila., Pa.
Stoll Casket Co., Upper Sandusky, Ohio.
Stoll, D. H., Co., machsts., Buffalo, N. Y.
Stoll, Robt., badges & buttons, 12 John, New York City.
Stoll Varnish Co., asphaltum, Louisville, Ky.
Stollberg Hardware & Paint Co., Toledo, Ohio.
Stolle, Anton, & Sons, meat packers, Richmond, Ind.
Stolle, Casper, Quarry & Contrg. Co., stone prod., Cahokis Bldg., East St. Louis. Ill.
Stolle, Frank J., drop forgings, 4th & Walnut, Cincinnati, Ohio.
Stolp, Oscar, bank & office railings, 20 Fletcher, New York.
Stolper, Chas., Cooperage Co., 3206 Fond du Lac av, Milwaukee, Wis.
Stolte, Fredk. H., architect, 5608 Broad, Pittsburgh, Pa.
Stolts, J. & J. W., coffins, etc., 430 E. 106th, New York.
Stolz, A. G., contractor, Mount Vernon, N. Y.
Stolz Electrophone Co., 5 N. Wabash av, Chicago, Ill.
Stolz, Jos., arch'l iron, 1122 Forest av, New York.
Stone, A. D., & Co., stone prod., Springfield, Mass.
Stone Base & Panel Co., Columbus, Ohio.
Stone Bros., contrs., Troy, N. Y.
Stone Bros. & Co., trunk mfrs., 1501 Polk, Chicago, Ill.
Stone, C. Moulton Co., roller skins, 456 Benefit, Providence, R. I.
Stone, C. O., & Son, contractors, Middletown, Conn.
Stone, C., & Sons, auto. wood bodies and carriages, 1658 Ogden av, Chicago, Ill.
Stone, Carpenter & Sheldon, architects, 49 Westminster, Providence, R. I.
Stone, E. B. & A. L., Co., contractors, Rialto Bldg., San Francisco, Cal.
Stone, E. M., architect, 327 Trumbull, Hartford, Conn.
Stone, F. L., machinist, Franklinville, N. Y.
Stone & Forsyth Co., folding paper boxes, 67 Kingston, Boston, Mass.
Stone & Foster Lumber Co., Worcester, Mass.
Stone, Frank B., ties, poles & posts, 80 E. Jackson blvd, Chicago, Ill.
Stone, Fred'k S., architect, 55 B'way, New York.
Stone, G. L., architect, Widdicomb Bldg., Grand Rapids, Mich.
Stone, H. A., & Co., carriages, Berlin, Mass.
Stone & Hershey, lumber, 31 Clinton, Newark, N. J.
Stone-Herling Lumber Co., Bristol, Tenn.
Stone, James Hicks, archit., 44 Brattle, Cambridge, Mass.
Stone, Jacob, Jr., architect, Sec. Bk Bldg., Minneapolis, Minn.
Stone, John R., architect, 8 S. Dearborn, Chicago, Ill.
Stone Lumber Co., 50 Congress, Boston, Mass.
Stone Mountain Granite Corp., Stone Mountain, Ga.
Stone, P. F., lbr. mfrs., Rockford, Ill.
Stone & Pinson, machinists, Galena, Kan.
Stone Printing & Mfg. Co., advtg. spec., Roanoke, Va.
Stone Products Co., marble, Muskegon, Mich.
Stone, R. B., & Co., whol. interior finish mfrs., Spencer, Mass.
Stone Roller T., lumber, Keystone, Wash.
Stone, Samuel, Jr., architect, L. & L. & G. Bldg., New Orleans, La.
Stone & Stone, contrs., Jefferson City, Mo.
Stone Straw Co., paper sleeves, 30 O. N. C., Washington, D. C.
Stone, T. B., Lbr. Co., Dalton & Hopkins, Cincinnati, Ohio.
Stone, W. F., ship bldrs., Oakland, Cal.
Stone, W. S., & Co., flour mills, Marien, Va.
Stone & Webster Engineering Corp., 147 Milk, Boston, Mass.
Stone & Wright, archits., S. J. Val. Bk. Bldg., Stockton, Cal.
Stone, Wm. F., Jr., architect, Knickerbocker Bldg., Balto., Md.
Stonega Coke & Coal Co., Stonega, Va.
Stonehouse Enameled Steel Sign Co., Denver, Colo.
Stoneboch, Howard L., sash, door & blind, Quakertown, Pa.
Stonehouse Steel Sign Co., Denver, Colo.
Stoneman, M. G., & Son, mill & facty. supplies, awnings & tents, Albany, N. Y.
Stoner, F. L., contractor, Massillon, O.
Stoner, Thaw & Co., Ltd., machsts. & fndrs., 1200 W. Carson, Pittsburgh, Pa.
Stonerod, E. D., architect, Pittsburgh, Pa.
Stonerook, Howard D., contractor, Youngstown, O.
Stonewall Cotton Mills, Stonewall, Miss.
Stoneware Elec. Stove Wks., cooking app., Dover, N. J.
Stoneware Pipe Co., East Alton, Ill.
Stonier, C. R., contractor, Scranton, Pa.
Stonier, Linley J., contractor, Scranton, Pa.
Stonington Gas Lighting & Heating Co., gas machines, Stonington, Me.
Stony Creek Red Granite Co., Stony Creek, Conn.
Stookey, D. W., brick, Cedar Rapids, Ia.
Stoolman, A. W., contractor, Champaign, Ill.
Stoopack & Carbat, umbrella mfrs., 37 E. 18th, New York.
Stoops Packing Co., canned goods, Van Wert, Ohio.
Stoops, Thos. H., contractor, Connersville. Ind.
Stophelt, Manfred M., architect, Nasby Bldg., Toledo, Ohio.
Stophlet, J. H., architect, House Bldg., Pittsburgh, Pa.
Stophlet, P. S., Sheet Metal Wks., cornices, 12 E. Missouri av. Kansas City, Mo.
Stoppenbach's, C., Sons, meat packers, Jefferson, Wis.
Stopple Kook Kit Co., camp cooking outfits & stoves, Alma, Mich.
Stopple, W. H., hay presses, Dallas, Texas.
Storage Battery Supply Co., 239 E. 27th, New York.
Storandt, J. W., Mfg. Co., soda water fountains, show cases, etc., Rochester, N. Y.
Storch & Co., cesspools, 1102 Wolf, Philadelphia, Pa.
Storch, L. A. & Co., cornices, 517 E. 73rd, New York.
Storck, Geo., & Son, sash, door & blind, Belleville, Ill.
Storer, A. M., brick, Louisville, Miss.
Storer, Chas. N., umbrella, mfrs., Rochester, N. Y.
Storer, E. A., canned goods, West Poland, Me.
Storer & Gelotte Co., Granite, Quincy, Mass.
Storer, Richard V., stone producers, 10 S. La Salle, Chicago, Ill.
Storey Bros., flour, Eure, N. C.
Storey, Ellsworth P., architect, New York Bldg., Seattle, Wash.
Storey, H. H. & Co., blue prints & papers, 329 Walnut, Philadelphia, Pa.
Storey, W. M., Lumber Co., 150 Nassau, New York.
Stork, F. W., architect, 7416 3rd av, Brooklyn, N. Y.

Stork, Motor Wks. Co., machinists, Saginaw, Mich.
Storm, John, lumber, Keavy, Ky.
Storm Lake Tank & Silo Co., Storm Lake, Ia.
Storm Mfg. Co., elec. dumb waiters, elevators, etc., 50 Vesey, Newark, N. J.
Storm, S. L., lumber, Keavy, Ky.
Stormont, Jas. M., & Bro., brick, Francisco, Ind.
Stormost, Jas., & Son, contractors, La Crosse, Wis.
Storms, H. M., Co., typewriter ribbons, carbon paper, 11 Vandewater, New York.
Storms, J. B., stone prod., Ithaca, N. Y.
Storrie, R. C., & Co., contractors, 2379 Market, San Francisco, Cal.
Storrs Mica Co., mica chimneys, Owego, N. Y.
Storsberg, Fritz, Co., bank railings, elec. light fixtures, etc., 24 Atlantic, Newark, N. J.
Stortz, John & Son, machsts, 210 Vine, Philadelphia, Pa.
Story, A. D., ship builders, Essex, Mass.
Story Bros., stone, Blue Mound rd, Milwaukee, Wis.
Story & Clark Piano Co., 317 S. Wabash av, Chicago, Ill.
Story & Flickinger, contractors, 5 Gt. Jones, New York.
Story, J. B., architect, Augusta, Ga.
Story, O. L., Scenic Co., Somerville, Mass.
Stossel, Carl, & Co., handles—hammers, chisels, files & mallets, etc., Front Royal, Va.
Stott Bros., cut glassware, 4450 Main, Manayunk, Phila., Pa.
Stott, E. B., & Co., stor. battery trucks, 461 8th av, New York.
Stott, John W., cut glassware, 3600 Cresson, Manayunk, Philadelphia, Pa.
Stott & Son, knitted gloves, Winona, Minn.
Stotz Bros., cornices, Easton, Pa.
Stotz, Edward, architect, Monon. Bk. Bldg., Pittsburgh, Pa.
Stoudt, H. E., contractor, Bethlehem, Pa.
Stouffer Bros., contractors, Decatur, Ill.
Stough, E. K., architect, Verona, Pa.
Stoughton, Bradley, steel casting & bessemer converters, 29 W. 39th, New York.
Stoughton, G. A., architect, Osage, Ia.
Stoughton Hardware Co., Whitefield, N. H.
Stoughton Nov. Mfg. Co., inkstands & wells, Stoughton, Wis.
Stoughton Rubber Co., mackintoshes, 130 Essex, Boston, Mass.
Stoughton & Stoughton, architects, 96 5th av, New York.
Stoughton Wagon Co., Stoughton, Wis.
Stout, A. F., & Son, masons' & bldrs.' matls., Monmouth Junction, N. J.
Stout, Howard A., architect, Atlantic City, N. J.
Stout, J. C., Lumber Co., Lake Charles, La.
Stout, Jno. C., architect, Rocky Mount, N. C.
Stout Lumber Co., Thornton, Ark.
Stout Mach. Co., motion picture machs., Rockford, Ill.
Stout Sign & Advg. Co., P. G., St. Louis, Mo.
Stoutamire, George W., canned goods, Roanoke, Va.
Stoutamire, P. W., canned goods, Salem, Va.
Stovall Hdwe. Co., whol. hdwe., Chattanooga, Tenn.
Stove & Range Co. of Pittsburgh, Preble av nr. Superior Bridge, Pittsburgh, Pa.
Stover, A. W., Co., architects, Fairbanks Bldg., Springfield, O.
Stover Engine Works, Freeport, Ill.
Stover Mach. Wks., New Matamoras, Ohio.
Stover Mfg. & Engine Co., agrl. implements, etc., Freeport, Ill.
Stover Steel Tank Co., auto. metal bodies, Freeport, Ill.
Stow & Davis Furn. Co., bank fix., Grand Rapids, Mich.
Stow Mfg. Co., boring, drilling, tapping, horse clipping, reaming, etc., machinery, Binghamton, N. Y.
Stow, Silas J., fire brick, New Haven, Conn.
Stowe Flexible Shaft Co., machsts., N. 26th & Callowhill, Philadelphia, Pa.
Stowe-Fuller Co., brick, etc., Rockefeller Bldg., Cleveland, Ohio.
Stowe, Geo. M., Jr., sand blast machinery, 119-129 Dearborn, Buffalo, N. Y.
Stowe, Hy., & Son, lbr., Green River, Vt.
Stowe, J. D., & Sons, paper & pulp mill, Scitico, Conn.
Stowe & Stowe, architects, 309½ 22d, Galveston, Tex.
Stowe & Woodward Co., rubber goods, Brockton, Mass.
Stowell Co. (The), agricultural implements, fndrs., etc., South Milwaukee, Wis.
Stowell, Frank H., Co., contractors, 137 S. La Salle, Chicago, Ill.
Stowell, Hy., & Son, pads & tablets, Troy, N. Y.
Stowell Mfg. Co., stone, etc., Culver av, Jersey City, N. J.
Stowell, N. S., & Co., textile machy. supplies, turned wood nov., etc., Dixfield, Me.
Stowell, Wm. H., assayers, Spokane, Wash.
Stowers Pork Pckg. & Provision Co., Scranton, Pa.
Strable, Carl, brick, Station, Neb.
Strable Lbr. & Salt Co., Saginaw, Mich.
Strable Mfg. Co., lbr., 511 First, Oakland, Cal.
Strachota Bros. Co., bldg. contrs., 396 17th av, Milwaukee, Wis.
Strack, Fred C., contractor, Lackawanna, N. Y.
Strack, Otto, architect, 220 E. 23d, New York.
Strack, Thos. P., contractor, Goodall Bldg., Cincinnati, Ohio.
Strahl & Pitsch, wax, acids, etc., 141 Front, New York.
Straight Bros., brick, Fonda, Ia.
Straight Creek Chemical Co., wood alcohol, Straight, Pa.
Straight Dry Plate Co., Jamestown, N. Y.
Straight Filament Lamp Co., 42 E. 23d, New York.
Straight Line Engine Co., castings, Syracuse, N. Y.
Strait, H. N., Mfg. Co., agricultural implements, trucks, wagons, etc., Kansas City, Kans.
Strait & Richards, Inc., gas logs, Newark, N. J.
Strait Scale Co., Kansas City, Kans.
Straiton, Geo., granite, Barre, Vt.
Straitsville Impervious Brick Co., New Straitsville, Ohio.
Stran, C. W., Co., cornices, skylights, 720 Hamilton, Cleveland, Ohio.
Strand Heater & Mfg. Co., stoves, heaters & ranges, 7804 Wade Park, Cleveland, Ohio.
Strand, Martin A., boat oars, skis, New Richmond, Wis.
Strand, N. A., & Co., vibrators, 631 W. Jackson blvd, Chicago, Ill.
Strandberg, E. P., Co., contractors, 5010 S. Wabash av, Chicago, Ill.
Strandel, Chas. A., architect, 5 N. La Salle, Chicago, Ill.
Strandwitz & Scott, blow piping, steel tanks, stacks, etc., Camden, N. J.
Strang Engine Co., machsts., Harvey, Ill.
Strang, Geo., Hardware Co., cornices & skylights, Richland Center, Wis.
Strange, Chas. S., machst. & fndr., Taunton, Mass.
Strange, E. W., & Co., machsts. & fndrs., Taunton, Mass.
Strange, John, Paper Co., Menasha, Wis.
Strange, W. G., Lumber Co. (Ltd.), Newlin, La.
Strasbaugh, Harry P., canned goods, Aberdeen, Md.
Strasburg Steam Flouring Mill, Strasburg, Va.
Strasburg's, C., Sons, scrap iron, Ft. Wayne, Ind.
Strasenburgh, R. J., & Co., metal marking inks, Rochester, N. Y.
Strassel Gans Paint Co., Louisville, Ky.
Strassel, J. L., asphalt paving contrs., Louisville, Ky.
Strater, Herman, & Sons, machsts. & fndrs., 74 Sudbury, Boston, Mass.
Stratford, Geo., Oakum Co., Cornelison av, Jersey City, N. J.
Stratford Packing Co., canned goods, Chiltons, Va.
Stratford Paper Co., 170 Cornelison av, Jersey City, N. J.
Strathmore Paper Co., Mittineague, Mass.
Stratton, B. L., contractor, Mason City, Ia.
Stratton & Bragg Co., engines & boilers, mill & facty. supplies & whol. hdwe., Petersburg, Va.
Stratton, C. L., packing box mfrs., East Jaffrey, N. H.
Stratton & Co., lumber, Campbellsburg, Ind.
Stratton, D. A., & Co., broom handles, Atlantic Mine, Mich.
Stratton, E. B., architect, Equitable Bldg., Boston, Mass.
Stratton, E. Platt, naval architect, 80 Broad, New York.
Stratton Fire Clay Co., Empire, O.
Stratton Mfg. Co., bone mills, Erie, Pa.
Stratton Mfg. Co., woodenware & nov. mfrs., Stratton, Me.
Stratton, Milton W., architect, Bar Harbor, Me.
Stratton & Terstegge Co., whol. hdwe., tin & japan ware mfrs., stoves & ranges, etc., 15th & Main, Louisville, Ky.
Stratton-Warren Hardware Co., Memphis, Tenn.
Stratton, Wm. B., architect, Union Trust Bldg., Detroit, Mich.
Straub, A. W., Co., agricultural implements, 3737 Filbert, Philadelphia, Pa.
Straub, Chas. M., architect, 147 4th av, New York.
Straub, Frank, architect, 25 W. 42d, New York.
Straub Machinery Co., 1230 Knowlton, Cincinnati, Ohio.
Straub Trunk Co., Pueblo, Colo.
Straube Piano Co., Hammond, Ind.
Straubel Machine Co., Green Bay, Wis.
Strauch, Moritz F., architect, 1356 Diversey P'way, Chicago, Ill.
Strauchen, Ed., contractor, Rochester, N. Y.
Straughen, B. W., lumber, Pedricktown, N. J.
Straus Boilerine Co., boiler compounds, 50 Church, New York.
Straus, C. B., architect, Security Bank Bldg., Minneapolis, Minn.
Straus-Hohenstein Co., silkshades, 132 W. 21st, New York.
Straus, M., & Sons, patent leather, 440 Frelinghuysen av, Newark, N. J.
Straus Saddlery Co., 27th & Locus, St. Louis, Mo.
Strauss, L. & Son, elec. portables, 42 Warren, New York.
Strause Gas Iron Co., sad irons, 1425 Vine, Phila., Pa.
Strauser, Clayton, E., architect, Mount Carmel, Pa.
Strauss, Adolph, & Co., folding rules, 678 B'way, New York.
Strauss Bascule Bridge Co., 104 So. Michigan av, Chicago, Ill.
Strauss Bros., architectural iron, Sioux City, Ia.
Strauss Bros. & Co., alarm clocks, goggles, 355 B'way, New York.
Strauss & Buegelusen, aviators' goggles, 37 Warren, New York.
Strauss Co., cornices, 370 Richmond, Providence, R. I.
Strauss & Co., elec. signs, 209 W. 48th, New York.
Strauss, J. E., ice skates, St. Paul, Minn.
Strauss Knitting Mills, sweaters, etc., 3220 N. Clark, Chicago, Ill.
Strauss, Wm., show cases, 416 Arch, Philadelphia, Pa.
Straw Plains Milling Co., flour, Strawberry Plains, Tenn.
Strayer, J. D., & Co., contractors, Johnstown, Pa.
Strayhan, J. F., lumber mrfs., Alden Bridge, La.
Streator Brick Co., Streator, Ill.
Streator Clay Mfg. Co., brick, sewer pipe, drain tile, etc., Streator, Ill.
Streator Lumber Co., Streator, Ill.
Streator Paving Brick Co., Streator, Ill.
Strecker Bros. Co., harness, Marietta, Ohio.
Street Bros. Machine Works, Chattanooga, Tenn. *See adv index at end of book.*
Street-Chatfield Lumber Co., 1880 Fullerton av, Chicago, Ill.
Street, F. L., flour mills, Masontown, W. Va.

Street, J. D., & Co., boiler compounds, lubricating oils, mill & factory supplies, waterproofing materials, etc., 809 N. 2d, St. Louis, Mo.
Street, J. F., architect, 129 S. 5th, Phila., Pa.
Street & Kent Mfg. Co., fndrs., 549 Fulton, Chicago, Ill.
Street Lumber Co., sash, door & blind, South Hadley Falls, Mass.
Street, N. V., architect, 403 N. Volutsia av, Wichita, Kans.
Street, R. R., & Co., mill & facty. & textile mchy. supplies, etc., 549 Washington blvd, Chicago, Ill.
Streeter-Amet Weighing & Recording Co., automatic weighing machines, 4101 Ravenswood av, Chicago, Ill.
Streeter, C. F., architect, West Bldg., Jacksonville, Fla.
Streeter Clip & Spec. Co., 4101 Ravenswood av, Chicago, Ill.
Streeter, Hiram R., mchst. & fndr., Grand Ledge, Mich.
Streeter, N. R., & Co. parers, hdwe. specialties, 220 N. Water, Rochester, N. Y.
Streeter & Sons Co., masons' & bldrs.' matls., Worcester, Mass.
Streeton, Geo. H., architect, 31 E. 27th, New York.
Streich, A., & Bro. Co., buggies, carts, wagons, etc., Oshkosh, Wis.
Streicher, H. P., Co., contractors, Terminal Bldg., Toledo, Ohio.
Strelinger, Chas. A., Co., machinery dealers, mill & factory supplies & wholesale hardware, 98 Bates, Detroit, Mich.
Strelinger Marine Engine Co., 25 St. Aubin, Detroit, Mich.
Stremel Bros. Roofing & Cornice Co., 1314 N. 3d, Minneapolis, Minn.
Streng, M., Sons Co., scrap iron & steel, River & Warfield, Pittsburgh, Pa.
Stresen-Reuter & Co., paint mfrs., 734 S. Wabash av, Chicago, Ill.
Stresenreuter Bros., contractors, 3020 S. Halsted, Chicago, Ill.
Strevell & De Friest Hardware Co., cornices, Ravenna, N. Y.
Strevell-Patterson Hardware Co., Salt Lake City, Utah.
Stribling & Lum, architects, 85 N. High, Columbus, Ohio.
Stricker, Henry H., & Co., canners' paste, etc., 604 W. Pratt, Baltimore, Md.
Strickland Bros. Machine Co., Tuscaloosa, Ala.
Strickland Cotton Mills, Valdosta, Ga.
Strickland & Law, architects, 68 Devonshire, Boston, Mass.
Strickland Machine Co., foundry, Richmond, Va.
Strickland Pattern Works, Chattanooga, Tenn.
Strickland, R. F., Co., fertilizer, Concord, Ga.
Strickland-Tillman Hardware Co., Valdosta, Ga.
Strickland's, A. J., Mfg. Works, fertilizer, Valdosta, Ga.
Strickler, B. F., & Sons, mchsts. & fndrs., Benroy, Pa.
Strickler Bros. Canning Co., Tippecanoe City, Ohio.
Strickler, C. F., & W. H., Milling Co., flour, Lebanon, Pa.
Strickler, Frank, founder, East Prospect, Pa.
Strickler Hay Tool Co., Janesville, Wis.
Strickler, J. M., flour mills, Berryville, Va.
Strickler, S. R., canned goods, Nace, Va.
Striebel, A. J., & Co., heating contrs., 52 2d, Milwaukee, Wis.
Striebinger, Frederic W., architect, 1900 Euclid av, Cleveland, O.
Strieby & Foote Co., automobile & special drop forgings, 301 Ogden, Newark, N. J.
Strieder, J. W., Co., cigar machinery, 178 Ruggles, Boston, Mass.
Striegel, Geo. J., contractor, Sandwich, Ill.
Striffler, Edw. C., whosale hardware, 591 11th av, New York.
Stringer, J. M., & Son, flour, Skiatook, Okla.
Stringer, R. L., lumber mfr., Algoa, Ark.
Stringfellow & Ganey, turpentine, Gainesville, Fla.
Stringfellow, J. D., turpentine, Gainesville, Fla.
Stringfellow Lumber Co., Gainesville, Fla.
Strite Governor Pulley Co., 307 S. 3rd, Minneapolis, Minn.
Strite Tractor Co., 307 S. 3rd, Minneapolis, Minn.
Stritesky, L. R., architect, Empire State Bldg., Spokane, Wash.
Strittmatter, A., architect, 1054 Gratiot av, Detroit, Mich.
Strobel, Philip & Sons, interior hardwood work, 53 Elizabeth, New York.
Strobel Steel Const. Co., Monadnock Blk., Chicago, Ill.
Strobel & Wilken Co., toys, games & nov., 61 W. 23d, New York.
Strobell & Crane, silver nov., 33 E. Kinney, Newark, N. J.
Strock, L. W., & Co., wooden handle mnfr., Bethlehem, Pa.
Stroebel, J. F., cornices & skylights, Neenah, Wis.
Stroebel, Wm. L., architect, Martin Bldg., Utica, N. Y.
Stroeh, Herman J., architect, Commerce Bldg., Kansas City, Mo.
Stroehle Machy. & Supply Co., Black Hawk, Colo.
Stroh Die Moulded Casting Co., 161 Michigan, Milwaukee, Wis.
Strohl Steel Hardening Process Co., First Nat'l Bank Bldg., Pittsburgh, Pa.
Stroh Steel Hardening Process Co., Pittsburg, Pa., & Hobart Bldg., San Francisco, Cal.
Stroh & Wilson, mill & facty. supplies, 420 W. 42d, New York.
Strohecker, A. J., tires, Reading, Pa.
Strohm, W. A., & Bro., machsts., 1612 W. Lake, Chicago, Ill.
Strohmeyer & Arpe Co., sealing wax, 139 Franklin, New York.
Stroker, Fritz C., & Son, agricultural implements, Olney, Mo.
Strom-Johnson Construction Co., Grand Rapids, Mich.
Strom, Wm., architect, 1917 Park av, Baltimore, Md.
Stromberg, Allen & Co., street ry. tickets, 430 S. Clark, Chicago, Ill.
Stromberg-Carlson Tel. Mfg. Co., lightning arresters, telephone apparatus, etc., 1050 University av, Rochester, N. Y. *See adv index at end of book.*
Stromberg Electric Co., 606 So. Michigan av, Chicago, Ill.
Stromberg Motor Devices Co., carbureters, 64 E. 25th, Chicago, Ill.
Stromberg, Oscar, wood pulp mrfs., 154 Nassau, New York.
Stromsburg Brick Co., Stromsburg, Neb.
Stronach Door Check Co., 618 S. Canal, Chicago, Ill.
Strong, C. H., & Co., soap, 180 N. Market, Chicago, Ill.
Strong, C. H., & Son, contractors, Swetland Bldg., Cleveland, O.
Strong, Carlisle & Hammond Co., furnaces, machinery, mill & factory supplies, etc., 336 Frankfort av, N. W., Cleveland, Ohio.
Strong, Carlton, architect, Union Bank Bldg., Pittsburgh, Pa.
Strong, Chas. H., & Son, dock bldrs., Swetland Bldg., Cleveland, Ohio.
Strong, Chas. R., archit., St. Paul Bldg., Cincinnati, Ohio.
Strong, H. B., sashes, doors & blinds, Wilkesville, O.
Strong, H. C., machst. & fndr., Mauston, Wis.
Strong & Hale Lumber Co., Portland, Conn.
Strong Hardware Co., Burlington, Vt.
Strong & Hery Co., mill & factory supplies, Rochester, N. Y.
Strong, Homer, machinery dealer, mill & facty supplies, etc., Rochester, N. Y.
Strong, John Co., flour mills, masons' & bldrs.' matls., South Rockwood, Mich.
Strong, Kennard & Nutt Co., goggles, 2044 E. 9th, Cleveland, Ohio.
Strong, L. T., architect, Bowling Green, Ohio.
Strong Machy. & Supply Co., 21 Walker, New York. *See adv index at end of book.*
Strong Mfg. Co. (casket), hdwe. mfrs., Winsted, Conn.
Strong Mfg. Co., enameled ware mfrs., Sebring, Ohio.
Strong, Mason R., architect, 7 Wall, New York.
Strong, Nelson, contractor, Sayville, N. Y.
Strong, Paul K., architect, Kenton, Ohio.
Strong-Scott Mfg. Co., mill & facty. supplies, 413 S. 3d, Minneapolis, Minn.
Strong Steel Foundry Co., Buffalo, N. Y.
Strong, Veneer Co., Brewton, Ala.
Strong Veneer Co., Gerry, N. Y.
Strong, Verbal, contr., Alameda, Cal.
Stroock Felt Mills, felt mfrs., Newburgh, N. Y.
Strother & Phinney, meal, fertz. mfrs., West Union, S. C.
Stroud, E. H. & Co., fertilizer & pulverizer machy., etc., 928 and 934 Fullerton av, Chicago, Ill.
Stroud Cotton Oil Co., meal, Stroud, Okla.
Stroud-Doyle Co., luorg. oils, Oshkosh, Wis.
Stroud & Co., road machines, plows, wagons, Omaha, Neb.
Stroudsburg Engine Works, Stroudsburg, Pa.
Stroup, D. V., architect, James Bldg., Chattanooga, Tenn.
Stroup, L., sash, door & blind mfr., Alliance, Ohio.
Stroup, P. N., & Co., masons' & bldrs.' matls., La Grange, Ind.
Stroup, S. P., Lumber Co., Shelbyville, Ind.
Strout Bros., contractors, Chelsea, Mass.
Strout, Geo. E., architect, 9 Dexter, Boston, & Waltham, Mass.
Strout, Wm. A., architect, 81 Fulton, New York.
Struhe Machine Works, 337 W. 25th, Chicago, Ill.
Strubel's Ridgewood Iron Works, 1604 De Kalb av, Brooklyn, N. Y.
Struble, Hy., Cut Stone Co., 209 S. La Salle, Chicago, Ill.
Strubler Computing Scale Co., Elkhart, Ind.
Struck, Alfred, & Co., contractors, Louisville, Ky.
Struck, Fred M., contractor, East Orange, N. J.
Structo Mfg. Co., toy metal bldg. matls., Freeport, Ill.
Structural Concrete Co., Dayton, Ohio.
Structural Slate Co., Pen Argyl, Pa.
Strum, Carl, brooms, 172 N. May, Chicago, Ill.
Strunk, Sherwin, Co., masons' & bldrs.' matls., Windom, Minn.
Strunz, S., & Son, soap, 708 Bingham, Pittsburgh, Pa.
Struss, Chas., contractor, La Porte, Ind.
Struthers Coal & Coke Co., Citizens' Bldg., Cleveland, Ohio.
Struthers Cooperage Co., Struthers, Ohio, & Romeo, Mich.
Struthers Furnace Co., basic pig iron, Citizens' Bldg., Cleveland, Ohio.
Struthers Mill Co., sash, door & blind mfrs., 3345 Grand av, Chicago, Ill.
Struthers, R. F., Co., acet. gas machs., Omaha, Neb.
Struthers, Robert, architect, 13 W. 30th, New York.
Struthers, W. F., architect, 209 9th, Pittsburgh, Pa.
Struthers-Wells Co., steel plate construction, riveted & welded, Warren, Pa. *See adv index at end of book*
Struve, John, flour, Lyons, Ia.
Struven, Chas. M., & Co., mill & facty supplies, 114 S. Frederick, Baltimore, Md.
Stryker, A. A., & Sons, contrs., Summit, N. J.
Stryker, A. Y., cornices, Princeton, N. J.
Stryker Boat-Oar & Lumber Co., Stryker, Ohio.
Stryker Builders' Supply Co., Stryker, Ohio.
Stryker, C. W., auto. tire holders, Syracuse, N. Y.
Strype, Richard, contractor, 40 Coffey, Brooklyn, N. Y.
Stuart, B. Dudley, architect, lumber exchange, Seattle, Wash.
Stuart, Burt, architect, Meridian, Miss.
Stuart, D. A., & Co., cutting lubricants, lub. oils, 29 S. La Salle, Chicago, Ill.
Stuart Foundry Co., Detroit, Mich.
Stuart, G. W., architect, St. Petersburg, Fla.
Stuart, Geo. P., architect, 53 State, Boston, Mass.
Stuart-Howland Co., elec. railway supplies, 234 Congress, Boston, Mass.
Stuart Lumber Co., Brinson, Ga.

Stuart & Peterson Co., autoclaves, Burlington, N. J.
Stuart, Robt. J. & T. H., machsts. & fndrs., New Hamburg, N. Y.
Stuart, T., & Son Co., contractors, 166 Devonshire, Boston & Newton, Mass.
Stuart, Wm. A., bldg. contr., Auburn, N. Y.
Stuart, Wm. G., masons' & bldrs.' matls., Skaneateles, N. Y.
Stuart's Draft Milling Co., flour, Stuart's Draft, Va.
Stubbs Steel Co., file mfrs., 17 N. 5th, Philadelphia, Pa.
Stuber, F., & Son, cornices & skylights, Lawrenceburg, Ind.
Stuber & Kuck Co., lawn sprinklers, basting spoons, etc., 2800 S. Adams, Peoria, Ill.
Stubin Geyser Elec. Water Heater Co., Steubenville, Ohio.
Stuck, C. A., & Sons, masons' & bldrs.' matls., Jonesboro, Ark.
Stucker Bros. Construction Co., contrs., Harrisburg, Pa.
Stuckert, F. Russell, architect, Crozer Bldg., Philadelphia, Pa.
Stuckert, J. Franklin, architect, 112 S. 43d, Philadelphia, Pa.
Stuckey, Adam & Son, contrs., Harrisburg, Pa.
Stuckey & Tiller Co., turpentine, Oak, Fla.
Stucki, A., side bearings, Oliver Bldg., Pittsburgh, Pa.
Stuckstede, Hy., Bell Fndry. Co., 1312 S. 2d, St. Louis, Mo.
Studebaker Bros. Co., carriages, Ogden, Utah, & San Fran., Cal.
Studebaker Corp., auto. bldrs., Brush & Piquette, Detroit, Mich. & South Bend, Ind.
Studebaker, Geo. M., Jr., elec. horns, South Bend, Ind.
Study, Guy, architect, Wright Bldg., St. Louis, Mo.
Stuebe, Leon F. W., architect, Danville, Ill.
Stuebing Automatic Machine Co., 308 Walnut, Cincinnati, Ohio.
Stuebing Truck Co., 308 Walnut, Cincinnati, Ohio.
Stuebner, G. L., Iron Works, Queensboro Terminal, Long Island City, N. Y. *See adv index at end of book.*
Stuempfle's, David, Sons, masons' & bldrs.' matls., Williamsport, Pa.
Stuetzle, Charles, glass stainers, 106 S. 8th, Brooklyn, N. Y.
Stuhlman Bros., carriages, Palmyra, Mo.
Stuhlmiller Mantel Works, Buffalo, N. Y.
Stuhr Lumber Co., 936 Lumber Exchange, Minneapolis, Minn.
Stulen, Walter H., architect, Renshaw Bldg., Pittsburgh, Pa.
Stulp, Fred J., hose menders, 220 Sanford, Muskegon, Mich.
Stulsoft, M., Co., plumbers' supplies, 647 Missouri, San Francisco, Cal.
Stultz, Ben. F., flour mill, Mathias, W. Va.
Stultz, C. M., flour mill, New Market, Va.
Stumpe, F. W., brick, Washington, Mo.
Stumpf, Jacob. & Son, contractors, Lancaster, Pa.
Stupakoff, S. H., pyrometers & furnaces, 6639 Hamilton av, Pittsburgh, Pa.
Stupp Bros. Bridge & Iron Co., Frisco Bldg., St. Louis, Mo.
Sturdevant-Murray Mfg. Co., children's vehicles, Mullet & Rivard, Detroit, Mich.
Sturdevant & Poggi, architects, Coal Exch. Bldg., Wilkes-Barre, Pa.
Sturges, A. B., architect, Story Bldg., Los Angeles, Cal.
Sturges, Benjamin, contractor, 3931 Geary, San Francisco, Cal.
Sturges & Burn Mfg. Co., steel churns, milk & ice cream cans, 508 So. Green, Chicago, Ill.
Sturges, Howard P., architect, 19 S. La Salle, Chicago, Ill.
Sturges, Louis H., architect, Board of Trade Bldg., Indianapolis, Ind.
Sturges Lumber Co., Sedalia, Mo.
Sturgess, Frank M., contractor, Danbury, Conn.
Sturgis Bros., contractors, Morristown, N. J.
Sturgis, G. E., Supply House, jobbers of conveyors, Mission, San Francisco, Cal.
Sturgis-Jones Last Co., wooden shoe lasts, Brockton, Mass.
Sturgis Machine Co., machsts. & fndrs., Sturgis, Mich.
Sturgis Milling Co., flour, Sturgis, Ky.
Sturgis, R. Clipston, architect, 120 Boylston, Boston, Mass.
Sturgis, S. D., Mach. & Tool Wks., Los Angeles, Cal.
Sturgis Steel Go-Cart Co., children's carriages, Sturgis, Mich.
Sturgis, W. B., & Sons, agricultural implements, Shelbyville, Ill.
Sturm, Adolph, Co., veneer mfrs., 542 Wash. blvd., Chicago, Ill.
Sturm, Meyer J., architect, 116 S. Michigan av, Chicago, Ill.
Sturn Dumwaiters & Elevator Co., Portland, Ore.
Sturnfield, Chas. H., architect, New Era Bldg., Chicago, Ill.
Sturtevant Aeroplane Co., Williams, Jamaica Plain, Mass.
Sturtevant, B. F., Co., fans, fan systems & allied products, mfrs., 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book.
Sturtevant & Blood Co., masons' & bldrs.' matls., Owosso, Mich.
Sturtevant & Haley Beef & Supply Co., meat packers, 40 F. H. Market, Boston, Mass.
Sturtevant-Larrabee Co., carriages, Binghamton, N. Y.
Sturtevant Mill Co., crushing, grinding, pulverizing, screening, elevating, mixing & weighing machinery mfrs., Clayton & Park, Dor., Boston, Mass.
Stutler, Warner, contractor, 1225 N. J. av, N. W., Washington, D. C.
Stutsman, R. O., Co., machsts. & fndrs., Des Moines, Ia.
Stuttgart Fdy. & Mach. Shops, Stuttgart, Ark.
Stuttgart Rice Mill Co., Stuttgart, Ark.
Stuttle Brass Mfg. Co., founders, Batavia, Ill.
Stutz Motor Car Co., N. W. cor. Capitol av & 10th, Indianapolis, Ind.
Stutzman, Frank, machinist, Williamsport, Pa.
Stutzman Mfg. Co., fruit evaporators, Ligonier, Ind.
Stuyvesant Piano Co., 605 E. 132d, New York.
Styninger, Jno. A., steam fitters' supplies, Bay City, Mich.
Styve Bros., wholesale hardware, Lake Mills, Ia.
S. U. M. Sales Corp., elec. light plant, 1765 B'way, New York.
Suber, A. A., machinist, Deshler, Ohio.
Submarine Boat Corporation, ship bldrs., 11 Pine, New York.
Suburban Coal & Supply Co., masons' & bldrs.' matls., Oak Park, Ill.
Suburban Lighting Co., elec. lgt. plants, Toledo, Ohio.
Success Brick & Tile Co., Greenwood, Miss.
Success Dish Washing Machine Co., Wooster, Ohio.
Success Mfg. Co., metal nov. & specialties, Gloucester, Mass.
Success Milking Mach. Co., 709 Chestnut, Milwaukee, Wis.
Success Seed Garden Co., Spokane, Wash.
Such, J. Ridgeway, clays, South Amboy, N. J.
Sucher, Chas., Packing Co., meat packers, Dayton, Ohio.
Suck, Theo., flour mills, Silverton, W. Va.
Suction System Cleaning Co., hand vacuum cleaners, Sidney, O.
Sudendorf, H. H., masons' & bldrs.' matls., Salina, Kan.
Sudhoelter, C. H., Co., architects, Joplin, Mo.
Sudlersville Canning Co., Sudlersville, Md.
Suelflohn & Seefeld, wholesale hdwe., 45 2nd, Milwaukee, Wis.
Suer, B., & Sons, brick, 138 Duck Creek rd, Cincinnati, Ohio.
Suer, Herman, & Sons, brick, Marburg av, Hyde Park, Cincinnati, Ohio.
Suess Glass Co., stainers, Seattle, Wash.
Suffa, Jos., cornices, Watertown, Conn.
Suffolk Clay Co., common brick, Suffolk, Va.
Suffolk Knitting Co., bathing suit mfrs., E. Boston, Mass.
Suffron, C. E., machinist, Peebles, Ohio.
Sugar App. Mfg. Co., Wilmington, Del.
Sugar Grove Brick Co., Columbus, Ohio.
Sugar Magazine, trade publication, 326 W. Madison, Chicago, Ill.
Sugar River Canning Co., Albany, Wis.
Sugarman, M. H., architect, 681 5th av, New York.
Sugden, Percy, architect, Merchants' Nat. Bk. Bldg., Savannah, Ga.
Sugden Press Bagging Co., press cloths, West Chelmsford, Mass.
Suitt Bros. Mfg. Co., chairs, Cambridge, Ohio.
Sukernek, Louis, scrap iron & steel, Clinton & Metcalfe, Buffalo, N. Y.
Sulligent Cotton Oil Co., Sulligent, Ala.
Sullivan Bridge Co., Sullivan, Ind.
Sullivan Bros., carriages, Rochester, N. Y.
Sullivan, C. J., contractor, 252 N. Salina, Syracuse, N. Y.
Sullivan & Carmody, cornices & skylights, Holyoke, Mass.
Sullivan Chemical Co., Acidalia, N. Y.
Sullivan Condensed Milk Co., canned, Sullivan, Wis.
Sullivan, D. E., & Son, contractors, Interurban Terminal Bldg., Columbus, Ohio.
Sullivan, D. J., contractor, Taunton, Mass.
Sullivan, D. T., masons' & bldrs.' matls., Lowell, Mass.
Sullivan, Daniel P., Jr., plumbers' supplies, 250 Congress, Boston, Mass.
Sullivan, Edw. S., Co., mill & facty. supplies, Monadnock, Bldg., San Francisco, Cal.
Sullivan, Eugene, & Son, granite, Barre, Vt.
Sullivan-Geiger Co., tinware mfrs., Indianapolis, Ind.
Sullivan Hardware Co., Anderson, S. C.
Sullivan, J. A., & Co., masons' & bldrs.' matls., Northampton, Mass.
Sullivan, J. F., contractor, Newport, R. I.
Sullivan, J. H., contractor, 20 Lake Br., Boston, Mass.
Sullivan, J. H. (Est. of), masons' & bldrs.' matls., Whitehall, N. Y.
Sullivan, J. J., contractor, 272 W. 5th, Boston, Mass.
Sullivan, J. P., & Sons, Inc., contrs., Newport, R. I.
Sullivan, J. S., Saddletree Co., Jefferson City, Mo.
Sullivan, J., & Sons Mfg. Co., cotton webbing, 2224 N. 9th, Philadelphia, Pa.
Sullivan, J. T., masons' & bldrs.' matls., 2360 Fulton, Brooklyn, N. Y.
Sullivan, Jno., brick, Lansdowne, Pa.
Sullivan, John B., & Son, stone producers, Taunton, Mass.
Sullivan, John J., marble producer, Gouverneur, N. Y.
Sullivan, Jno., & Son, tarpaulins, wagon covers, etc., 356 Hudson, New York.
Sullivan, John W., Co., machinists, 827 E. 9th, New York.
Sullivan-Korber Co., archl. iron, store fronts, etc., 2437 W. 21st pl, Chicago, Ill.
Sullivan, Louis H., architect, 56 E. Congress, Chicago, Ill.
Sullivan & McKeon, contractors, 843 Dixwell av, New Haven, Conn.
Sullivan & McNally Co., contractors, Paterson, N. J.
Sullivan, M., & Sons Constr. Co., 2330 Bereford av, Cincinnati, Ohio.
Sullivan Machy. Co., mining & stone crushing machy., etc., Peoples Gas Bldg., Chicago, Ill.
Sullivan-Markley Hardware Co., Greenville, S. C.
Sullivan, Mason & Sullivan, contractors, Alexandria, Ind.
Sullivan, Matthew, architect, 100 Boylston, Boston, Mass.
Sullivan Motor Truck Corp., 1703 East av, Rochester, N. Y.
Sullivan Oil Co., 413 Wells, Chicago, Ill.
Sullivan Packing Co., meat packers, 252 Beecher av, Detroit, Mich.
Sullivan Printing Wks. Co., calendar pads, Cincinnati, Ohio.
Sullivan Supply Co., mill & facty. supplies, Saginaw, Mich.
Sullivan, T., & Co., lbr., 2 Arthur, Buffalo, N. Y.
Sullivan, T. D., & Sons Co., contrs., Newton Highlands, Mass.

Sullivan Varnish Co., 410 Hart, Chicago, Ill.
Sullivan, W. M., stone producers, Norristown, Pa.
Sullivan, Wm., Co., htg. contrs., 34 W. Austin av., Chicago, Ill.
Sullivan, Wm. J., Co., stone producers, 99 Southampton, Boston, Mass.
Sullwold, H. A., architect, Endicott Bldg., St. Paul, Minn.
Sully, Thomas, archit., 7 Richmond pl, New Orleans, La.
Sulpho Napthol Co., disinfectants, 14 Medford, Boston, Mass.
Sulpice, L. F., machinist, New Orleans, La.
Sulzbach, F. J., contractor, Sioux City, Ia.
Sulzberger & Sons Co., fertilizer mfrs., Kansas City, Kan.
Sulzer & Co., machinists, 252 N. 11th, Philadelphia, Pa.
Sumergrade, Jos., stamping dies, 49 Elizabeth, New York.
Sumergrade, N., mattresses, 31 Tompkins, New York.
Summer, J. E., archit., Greenwood, S. C.
Summerhays, Wm., & Son, contractors, Rochester, N. Y.
Summerill Tubing Co., Bridgeport, Pa.
Summers, A., & Sons, contractors, Janesville, Wis.
Summers Buggy Co., Barnesville, Ga.
Summers, C., stained glass wk., 1455 59th, Brooklyn, N. Y.
Summers, C. G., & Co., canned goods, 415 W. Camden, Baltimore, Md.
Summers, C. R., whol. hdwe., Opelika, Ala.
Summers, F. A., mach. & fndr., Mitchell, S. D.
Summers-Parrott Hardware Co., Johnson City, Tenn.
Summers Steel Car Co., Oliver Bldg., Pittsburgh, Pa.
Summers, W. L., mach. & fndr., West Plains, Mo.
Summers, Wm., Co., milk bottle caps, Piqua, Ohio.
Summerville Brick Co., Summerville, S. Car.
Summerville Cotton Oil Co., Summerville, Ga.
Summerville, F. M., architect, 949 B'way, New York.
Summit Canning Co., Akron, Ind.
Summit China Co., Akron, Ohio.
Summit Door Co., sash, door & blind mfrs., 73 St. Paul's av, Jersey City, N. J.
Summit Foundry Co., Geneva, N. Y.
Summit Lime Co., Los Angeles, Cal.
Summit Lumber & Building Co., Akron, Ohio.
Summit Lbr. Co., Randolph, La.
Summit Machine Works, lathe mfrs., Worcester, Mass.
Summit Pressed Brick & Tile Co., Pueblo, Colo.
Summit Silica Co., Barberton, Ohio,
Summit Stove Co., fndrs., La Crosse, Wis.
Summit Stove Wks., Morrison, Ill.
Summit Thread Co., 103 Medford, Boston, Mass.
Summitville Drain Tile Co., Summitville, Ind.
Sumner, A. B., & Son, shoe counters, Lynn, Mass.
Sumner Counter Co., Haverhill, Mass.
Sumner & Gerald, mill & facty. plumbers' supplies, jobbers, 287 Congress, Boston, Mass.
Sumner Iron Wks., machsts. & fndrs., Seattle, Wash.
Sumner Mfg. Co., bread mixers, Boston, Mass.
Sumner & Morris, whol. hdwe., Madison, Wis.
Sumner, Wm., Belting Co., belt lacing, Tolland, Conn.
Sumter Brick Wks., Sumter, S. C.
Sumter Coffin & Casket Mfg. Co., Sumter, S. C.
Sumter Electrical Co., magnetos, 1466 Michigan av, Chicago, Ill.
Sumter Electrical Wks., gas engine igniters, Sumter, S. C.
Sumter Machy. Co., Sumter, S. C.
Sumter Lumber Co. Elec. Mills, Miss.
Sumter Railway & Mill Supply Co., Sumter, S. C.
Sumter Tel. Co., machsts. & fndrs., Sumter, S. C.
Sun-Burst Prism Co., plain vault lights, Philadelphia, Pa.
Sun Co., asphalt dlrs., naphtha, oils, etc., Finance Bldg., Philadelphia, Pa.
Sun Enamel Wks., Leominster, Mass.
Sun Mfg. Co., folding chairs & cots, cash drawers, etc., Columbus, Ohio.
Sun Mfg. Co., sad irons, South Bend, Ind.
Sun Milling Co., cereal foods, Oakland, Cal.
Sun Motor Car Co., automobile bldrs., Elkhart, Ind.
Sun Novelty Co., balls, balloons (rubber), Bloomfield, N. J.
Sun Prairie Canning Co., Sun Prairie, Wis.
Sun Ray Mfg. Co., elec. htg. pads, Oshkosh, Wis.
Sun Ray Stove Co., Delaware, Ohio.
Sun Shipbuilding Co., Chester, Pa.
Sun Typewriter Co., 317 B'way, New York.
Sun Vapor & Gas Street Light Co., Canton, Ohio.
Sun Vapor Street Light Co., gas lamps, Canton, Ohio.
Sun Varnish Co., Louisville, Ky.
Sun Wall Paper Mfg. Co., Reading, Pa.
Sunasack, R. W., razor strops, 2129 W. Chicago av, Chicago, Ill.
Sunbeam Incandescent Lamp Wks. of G. E. Co., 500 S. Clinton, Chicago, Ill.
Sunderland, Wm., contr., Danbury, Conn.
Sunbright Canning Co., Dickson, Tenn.
Sunbury Burial Case Co., coffins, Sunbury, Pa.
Sunbury Coffin & Casket Co., Sunbury, Pa.
Sunbury Supply Co., masons' & bldrs.' matls., Sunbury, Pa.
Sund & Dunham, architects, Essex Bldg., Minneapolis, Minn.
Sunday & Faber, carriages, Mendota, Ill.
Sunday, J. D., flour mills, Bernville, Pa.
Sundberg, August, architect, 78 North av, New Rochelle, N. Y.
Sundberg Co., crank shafts, forgings, etc., 1024 W. Kinzie, Chicago, Ill.
Sundberg, Nils M., contractor, 11 Somerset, Providence, R. I.
Sundberg & Sundberg, architects, Rexburg, Idaho.
Sunderland Bros. Co., masons' & bldrs.' matls., Omaha, Neb.
Sunderland, Edw. U., carriages, Highgate, Vt.
Sunderland, Erskin M., architect, 331 C, N. W., Washington, D. C.
Sunderland, J. C., architect, Inter-State Bldg., Kansas City, Mo.
Sunderland Machinery & Supply Co., Omaha, Neb.
Sunderland Mfg. Co., air pumps, 600 W. 22d, Chicago, Ill.
Sunderland, Philip N., architect, Danbury, Conn.
Sunderman Corp., carburetors, Newburgh, N. Y.
Sundh Elec. Co., av C & Parkhurst, Newark, N. J.
Sundheimer, Hy., kryolith, 35 Nassau, New York.
Sundrup, Aug., common brick, Bartelso, Ill.
Sundstrand Adding Mach. Co., Rockford, Ill., & Mills Bldg., San Francisco, Cal.
Sundstrom, David L., architect, New Britain, Conn.
Sundt, M. M., sashes, doors & blinds, Las Vegas, N. M.
Sunflower Glass Co., window glass mfgrs., Sapulpa, Okla.
Sunlight Double Glass Sash Co., Louisville, Ky.
Sunlight Elec. Spec. Co., dry batteries, 453 Broome, New York.
Sunlight Elec. Mfg. Co., carbon incandescent lamps, Warren, O.
Sunlight Gas Mach. Co., gas generation, 68 Summit, Brooklyn, New York.
Sunlight Oil & Gasoline Co., naphtha refiners, 49th & Gray's av, Philadelphia, Pa.
Sunlight Reflector Co., 226 Pacific, Brooklyn, N. Y.
Sunlit Fruit Co., canners, 112 Market, San Francisco, Cal.
Sunner & Gerlach, masons' & bldrs.' matls., 1401 N. Register, Baltimore, Md.
Sunny Side Granite Co., Richmond, Va.
Sunnyvale Canneries, Sunnyvale, Cal.
Sunset Brick & Tile Co., Gonzales, Tex.
Sunset Canning Co., Pomona, Cal.
Sunset Construction Co., 20th av & Ortega, San Francisco, Cal.
Sunset Cotton Oil Co., Sunset, La.
Sunset Knitting Co., 334 Sutter, San Francisco, Cal.
Sunset Iron Wks., ornamental iron, 124 Folsour, San Francisco, Cal.
Sunset Lumber Co., Oakland, Cal.
Sunset Packing Co., West Pembroke, Me.
Sunshine, Jasper, Co., sad irons, 59 E. 8th, New York.
Sunshine Mantle Co., Chanute, Kan.
Suor & Suor Bldg. Co., builders' exch., Buffalo, N. Y.
Super Lighting Co., auto. lenses, 1842 B'way, New York.
Snperb Stamp Pad Co., Auburn, N. Y.
Superior Boiler Wks., Marion, Ind.
Superior Box Co., Superior, Wis.
Superior Brass Fdy., Waterloo, La.
Superior Brass Mfg. Co., Mansfield, O.
Superior Brass & Fixture Co., 312 W. Jackson blvd, Chicago, Ill.
Superior Brass & Mfg. Co., machsts. & fndrs., 106 S. 8th, St. Louis, Mo.
Superior Brass Nov. Co., bath room fix. & furnishings, 545 E. 116th, New York.
Superior Button Mfg. Co., 41 N. 11th, Philadelphia, Pa.
Superior Charcoal Iron Co., pig iron & coke dlrs., Grand Rapids, Mich.
Superior Chemical Co., alums, Joliet, Ill.
Superior Churn & Mfg. Co., Northville, Mich.
Superior Concrete Products Co., sanitary flooring, Russell & G. T. R., Detroit, Mich.
Superior Corundum Wheel Co., Waltham, Mass.
Superior Die, Tool & Machine Co., Columbus, Ohio.
Superior Door Catch Co., Superior, Wis.
Superior Elec. Mfg. Co., 2416 University av, S.E., Minneapolis, Minn.
Superior Fence Co., Cleveland, Ohio.
Superior Fifth Wheel Co., Superior, Wis.
Superior Foundry Co., E. 71st & W. & L. E. Ry., Cleveland, O.
Superior Fdry & Mfg. Co., Belleville, Ill.
Superior Gas Engine Co., Springfield, Ohio.
Superior Guano Co., fertilizer mfrs., Clinton & 4th av, Baltimore, Md.
Superior Hardware Co., Superior, Wis.
Superior Hay Stacker Mfg. Co., Linneus, Mo.
Superior Iron & Mfg. Co., Wauseon, Ohio.
Superior Iron Wks. Co., misc. derricks, Superior, Wis.
Superior Ivory Button Co., 49 Dickerson, Newark, N. J.
Superior Ladder Co., Goshen, Ind.
Superior Lamp Mfg. Co., 136 W. 52nd, New York.
Superior Light & Heat Co., gas generators, 330 S. San Pedro, Los Angeles, Cal.
Superior Mach. & Boiler Wks., 848 W. Superior, Chicago, Ill.
Superior Machine Co., clothes washing machines, Sterling, Ill.
Superior Mach. & Engng. Co., Detroit, Mich.
Superior Machine Tool Co., drilling machines, Kokomo, Ind.
Superior Mfg. Co., fire place heaters, etc., Magnolia, Pittsburgh, Pa.
Superior Mfg. Co., lamps, windshields, etc., Ann Arbor, Mich.
Superior Mfg. Co., cast iron soil pipes, Bessemer, Ala.
Superior Mfg. Co., sweaters, cardigans, etc., Hoosick Falls, N. Y.
Superior Mfg. & Mill Co., agricultural implements, Springfield, Ohio.
Superior Mattress Co., St. Louis, Mo.
Superior Metal Products Co., Elyria, O.

Superior Meter Co., gas, calorimeters & photometers, etc., 254 36th, Brooklyn, N. Y.
Superior Motor Power Co., 135 5th av, New York.
Superior Oil & Supply Co., 1748 Wilmot av, Chicago, Ill.
Superior Motor Truck Co., Atlanta, Ga.
Superior Oil Wks., petroleum, Warren, Pa.
Superior Oxygen Co., 113 Plum, St. Louis, Mo.
Superior Oxy-Acetylene Machine Co., Hamilton, Ohio.
Superior Pattern Works Co., 1247 Marquette rd, Cleveland, O.
Superior Polish Co., shoe blacking, Brockton, Mass.
Superior Portland Cement Co., Union Central Bldg., Cincinnati, Ohio, & Seattle, Wash.
Superior Press Brick Co., 3190 S. Kings highway, St. Louis, Mo.
Superior Red Slate Co., roofing, Granville, N. Y.
Superior Sand Co., Cuyahoga Bldg., Cleveland, O.
Superior Seating Co., school furniture, Muskegon, Mich.
Superior Sheet Metal Wks. Co., rural mail boxes, coolers, etc., 3201 Roosevelt av, Indianapolis, Ind.
Superior Ship Building Co., Superior, Wis.
Superior Skylight Co., 643 1st av, New York.
Superior Spring Hinge Co., 136 W. Lake, Chicago, Ill.
Superior Steel Co., Carnegie, Pa.
Superior Stove Wks., 832 W. Superior, Chicago, Ill.
Superior Supply Co., masons' & bldrs.' matls., Toledo, O.
Superior Supply Co., mill & facty. supplies, Bluefield, W. Va.
Superior Tack & Nail Co., Derby, Conn.
Superior Tap Co., machsts. & fndrs., Charlestown, N. H.
Superior Tool Co., Cambridge, O.
Superior Toy Wks., 1247 Marquette rd, Cleveland, O.
Superior Trading Co., canned goods, Seattle, Wash.
Superior Type Co., 32 S. Clinton, Chicago, Ill.
Superl Mfg. Co., metal polish, Los Angeles, Cal.
Superno Co., Inc., super-heaters, 52 B'way, New York.
Supertone Talking Mach. Co., 18 W. 20th, New York.
Suppes Forge & Foundry Co., Johnstown, Pa.
Suppes, John F., architect, Teaneck, N. J.
Supple, Jos., ship builder, Portland, Ore.
Supple & Ballin Shipbldg. Corp., Portland, Ore.
Supplee-Biddle Hardware Co., hardware, wholesale, 510 Commerce, Philadelphia, Pa. *See adv. index at end of book.*
Supplee Co., architects, 5900 Washington, Philadelphia, Pa.
Supple, Wm., brooms, Topeka, Kans.
Sur-Coat Mfg. Co., boiler compounds, 149 Jefferson av, Detroit, Mich.
Sure Hatch Incubator Co., Fremont, Neb.
Sureloc Paper Clip Co., Providence, R. I.
Surerus & Greenhill, machsts, 502 W. Division, Chicago, Ill.
Surety Engineering Co., Inc., contrs., 30 Church, New York.
Surf Packing Co., canned goods, Aberdien, Wash.
Surpless, Dunn & Co., whol. hdwe., 74 Murray, New York.
Surprise Soap Co., 45 Bennet, Boston, Mass.
Surrell Down Draft Boiler Co., 101 Park av, New York.
Surry Lbr. Co., Union Trust Bldg., Baltimore, Md.
Surty Guard Co., 62 E. Lake, Chicago, Ill.
Suspension Roller Bearing Co., Spartanburg, S. C.
Suspension Steel Concrete Co., 111 N. Jefferson, Chicago, Ill.
Susquehanna Casting Co., Wrightsville, Pa.
Susquehanna Chemical Co., wood alcohol, Straight, Pa.
Susquehanna Cut Glass Co., Columbia, Pa.
Susquehanna Iron Co., rolling mills, York, Pa.
Susquehanna Marine Works Co., motor boat bldrs., Havre de Grace, Md.
Susquehanna Stone Co., Williamsport, Pa.
Susquehanna Webbing Co., Bloomsburg, Pa.
Susquehanna Woolen Co., blankets, New Cumberland, Pa.
Sussdorf, Chas. A., architect, 100 State, Albany, N. Y.
Sussfeld, Lorsch & Co., clocks, goggles, telescopes, etc., 90 Maiden la, New York.
Sussman, Harris, mattresses, 232 E. 111th, New York.
Sussman, M., & Rosenburg Mfg. Co., auto. seats, Tarrytown, N. Y.
Sustins, F. A., machsts. & fndrs., Stevens Point, Wis.
Sutcliffe, Adam, & Co., shipping tags, Pawtucket, R. I.
Sutcliffe, Arthur S., architect, 109 Broad, New York.
Sutcliffe's, Jno., Sons, masons' & bldrs.' matls., Wheaton, Ill.
Suter, Alfred, yarn conditioning machines, 200 5th av, New York.
Sutermeister, Arnold, Stone Co., 2018 Roost av, Kansas City, Mo.
Suthered & Co., architects, Laredo, Tex.
Sutherland, D. T., machinist, Bainbridge, Ga.
Sutherland & Edwards Co., jute twine, Paterson, N. J.
Sutherland, F. L., Co., handles, harness, racks, Detroit, Mich.
Sutherland, H., Co., distillers, Bardstown, Ky.
Sutherland-Innes Co., cooperage stock, 29 B'way, New York.
Sutherland, L. J., & Co., lumber mfrs., New Orleans, La.
Sutherland, Thos. M., contractor, Cedar Rapids, Ia.
Sutherland, W. M., Bldg. & Contr. Co., Syndicate Trust Bldg., St. Louis, Mo.
Sutphin, Elmer E., machsts., Trenton, N. J.
Sutter, Frank L., architect, Louis blk, Dayton, Ohio.
Sutter, H., Granite & Marble Co., granite, 562 Muskego av, Milwaukee, Wis.
Sutter, John F., contractor, Glen Morris, N. Y.
Sutter, Louis, cornices, West Hoboken, N. J.
Sutterly, G. T., & Co., fndrs.—auto. lamps, 23d & Hamilton, Philadelphia, Pa.
Suttle, C. E., architect, Cleveland, Ohio.
Sutton & Corson Co., contractors, Ocean City, N. J.
Sutton, E. W., carpet linings, 53 Sedgwick, Brooklyn, N. Y.
Sutton, F. S. & S. E., architects, 9 Clinton, Newark, N. J.
Sutton Fndry. & Structural Steel Works, 2001 Rosseau, New Orleans, La.
Sutton, Frank, htg. & ventg. engrs., 80 B'way, New York.
Sutton Grocer & Milling Co., flour, Sutton, W. Va.
Sutton, J. P., fndrs., New Orleans, La.
Sutton, John G., Co., htg. contrs., 243 Minna, San Francisco, Cal.
Sutton, John P., & Co., meat packers, Auburn, Me.
Sutton Lead Co. (The), fndrs., Vancouver, Wash.
Sutton, O. C., & Co., brick, Marianna, Ark.
Sutton, Steel & Steel, machsts. & fndrs., Dallas, Tex.
Sutton & Stephenson, contractors, 1317 Washington av, Phila., Pa.
Sutton & Suderly Brick Co., Coeymans, N. Y.
Sutton, W. A., & Co., iron, 926 N. 19th, Philadelphia, Pa.
Sutton & Whitney, architects, Lewis Bldg., Portland, Ore.
Sutton, Wm. P., steam fitters' supplies, Keokuk, Ia.
Sutton's Foundry & Structural Steel Works, New Orleans, La.
Suttons's Mills, woolen flannels, North Andover, Mass.
Suverkrup, John, lumber, San Bernardino, Cal.
Suvio Heating & Lighting Co., gas jet heaters, 696 E. 161st, New York.
Suwanee Turpentine Co., Janney, Fla.
Suwanne Hardware Co. (whol.), Live Oak, Fla.
Suydam, M. B., Co., paints, 61st & Butler, Pittsburgh, Pa.
Suzlo, Leonardo Construction Co., Meriden, Conn.
Svea Art Cabinet Works, 1210 W. Washington, Los Angeles, Cal.
Svenson-Shuman Machine Co., concrete mixers, Oliver Bldg., Pittsburgh, Pa.
S. W. S. Mfg. Co., signs, metal, Davenport, La.
Swab Carriage Co., Elizabethville, Pa.
Swab Foundry Co., Elizabethville, Pa.
Swab Wagon Co., Elizabethville, Pa.
Swaby Mfg. Co., pumps, 2010 Marshall blvd, Chicago, Ill.
Swack's Fertilizer Works, Dubois, Pa.
Swager, A. E., architect, Majestic Bldg., Milwaukee, Wis.
Swaim, C. W., Canning Co., Sabina, Ohio.
Swain & Angel Co., machsts. & fndrs., 3105 Smallman, Pittsburgh, Pa.
Swain-Carpenter Co., plumbers' woodwork, 7th & Morris, Philadelphia, Pa.
Swain, Chas. H., & Co., contractors, Concord, N. H.
Swain, Clarkson, architect, 519 California, San Francisco, Cal.
Swain Construction Co., 67 State, Lynn, Mass.
Swain, D. M., machinist, Stillwater, Minn.
Swain, Frank E., plumbers' supplies—jobbers, 69 Beekman, New York.
Swan, Herbert C., archit., 80 W. Genesee, Buffalo, N. Y.
Swain-Karmire Lumber Co., Fulton, Ky.
Swain Lubricator Co., 443 W. 37th, Chicago, Ill.
Swain & Reed, wood handles, Roxbury, Me.
Swain, Wm., architect, Pullman, Wash.
Swain, Wm. T., & Co., masons' & bldrs.' matls., Nantucket, Mass.
Swaine, Fred J., Mfg. Co., dies, presses, etc., 7th & O'Fallon, St. Louis, Mo.
Swaine, John, Iron Works Co., Springfield, Mass.
Swainesboro Fertilizer Co., Swainesboro, Ga.
Swallow & Hopkins, lumber mfrs., Duluth, Minn.
Swallow, W. Shelton, Co., contractors, 105 W. 40th, New York.
Swan, Alden, & Co., lubrg. oils & greases, 135 Front, New York.
Swan Elec. Co., lamp guards, 144 Oliver, Boston, Mass.
Swan & Finch Co., lubricating oils & greases, 165 B'way, New York.
Swan, George, architect, Beverly, Mass.
Swan, Geo. B., rural mail boxes, Mattoon, Ill.
Swan, Jas., Co., woodworking tools, Seymour, Conn.
Swan, Robt., Jr., Co., contrs., Jenkins Arcade, Pittsburgh, Pa.
Swan, S. N., & Sons, organs, Freeport, Ill.
Swan & Son, contrs., Crawfordsville, Ind.
Swaner, F. J., architect, Boyd Park Bldg., Salt Lake City, Utah.
Swanger, J. Q., Jr., cornices, Mishawaka, Ind.
Swanger & McClain, cornices, Marion, Ind.
Swank Engineering Co., contractors, Conover Bldg., Dayton, O.
Swank Hdwe. Co., steam fitters' supplies, Johnstown, Pa.
Swank's, H., Sons, saddle sleeves, Johnstown, Pa.
Swannell, Jos., architect, Red Bank, N. J.
Swansdown Knitting Co., sweaters, cardigans, etc., Hudson, N. Y.
Swanson, A. J., brick, Lindsborg, Kans.
Swanson Bros., contractors, Massillon, Ohio.
Swanson, Chas., contractor, Jamestown, N. Y.
Swanson, J. A., contractor, Warren, Pa.
Swanson, J. Glass Co., 168 W. Chicago av, Chicago, Ill.
Swanson, Peter, naval architect, Belvedere, Cal.
Swanson Plow Co., Muskogee, Okla.
Swanson-St. Joseph Plow Co., St. Joseph, Mo.
Swanson, Victor, contractor, Allston, Boston, Mass.
Swanstron Mfg. Co., water supply systems, Hammond, Ind.
Sward, A. E., & Co., stone producers, 123 W. 33d, Chicago, Ill.
Swart, Elmer E., contractor, Kingston, N. Y.
Swarthmore Coll., engng. school & coll., Swarthmore, Pa.
Swarthout & Speer, architects, Wausau, Wis.

Swarting, G. Wm., architects, 5333 Minerva av, St. Louis, Mo.
Swartwood, C. J., contractor, Ithaca, N. Y.
Swartwout, Egerton, archit., 18 W. 34th, New York.
Swartwout Mfg. Co., hand carts, Clinton, N Y.
Swartwout, Russell G., architect, White Plains, N. Y.
Swartz Elec. Co., elec. lgt. plants, Indianapolis, Ind.
Swartz, G. A., contractor, Streator, Ill.
Swartz, H. D., rat traps, Scranton, Pa.
Swartz & Mennella, contrs., Bessemer Bldg., Pittsburgh, Pa.
Swartz, Philip & Sons, mchts. & fndrs., Moscow, Pa.
Swartz, S. M., Lumber Co., Newton, Kans.
Swartz & Swartz, architects, Rowell Bldg., Fresno, Cal.
Swasey, Raymond & Page, naval architects, 100 Boylston, Boston, Mass.
Swasey, Wm. A., architect, 47 W. 34th, New York.
Swash Motor Washer Co., clothes washing machines, Buttles & Michigan av, Columbus, Ohio.
Swayne, Robinson & Co., agricultural implements, Richmond, Ind.
Swayze Advtg. Co., advtg. novelties, Canton, Pa.
Swayze, H. M., stone, Trenton, N. J.
Swayzee Canning Co., Swayzee, Ind.
Swearingen, J. C., Ink Co., paste, 222 Wick, Pittsburgh, Pa.
Sweat-Comings Co., sash, door & blind mfrs., Richford, Vt.
Sweatt & Gould, granite producers, 75 Main, Boston, Mass.
Sweatt, R. C., Co., architects, Fernwell Bldg., Spokane, Wash.
Swedish-American Tel. Mfg. Co., 5235 Ravenswood av, Chicago, Ill.
Swedish Crucible Steel Co., fndrs., Butler & Grand Trunk R. R., Detroit, Mich.
Swedish Gage Co., drills, gages, etc., 245 W. 55th, New York.
Swedish Iron & Steel Corp., 12 Platt, New York.
See adv. index at end of book.
Swedish Separator Co., 515 S. 5th av, Chicago, Ill.
Swedish Venetian Blind Co., 47 W. 34th, New York.
Sweeney & Gray Co., machsts., 81-85 6th, Long Island City, N. Y. *See adv. index at end of book.*
Sweeney, J. A., & Co., cornices, 829 W. 5th, Cincinnati, Ohio.
Sweeney, J. W., Constr. Co., Portland, Ore.
Sweeney, James, architect, New London, Conn.
Sweeney, Luke F., contractor, Danbury, Conn.
Sweeney, M. A., Shipyard & Foundry Co., Jeffersonville, Ind.
Sweeney Sign Printing Co., metal litho., 251 W. 19th, N. Y.
Sweeney, Tom, Hardware Co., Rapid City, S. D.
Sweeney Tractor Co., traction engines, Kansas City, Mo.
Sweeney, W. H,. Mfg. Co., bath room fixtures & furnishings, etc., 30 Main, Brooklyn, N. Y.
Sweet, A. H., & Son, boxes, snow shovels, Norton, Mass.
Sweet, B. F., & H. L., Co., wagons, grates, Fond du Lac, Wis.
Sweet Bros., fndrs., Lestershire, N. Y.
Sweet Bros. Paper Mfg. Co., Phoenix, N. Y.
Sweet, C. F., lubrg. oils, Hartford, Conn.
Sweet, Chas. A., Provision Co., meat packers, 813 Spruce, St. Louis, Mo.
Sweet & Doyle, mill & facty. supplies, Cohoes, N. Y.
Sweet & Doyle Fdry. & Mach. Co., Green Island, N. Y.
Sweet, E. F., granite, Newport, R. I.
Sweet, Geo., Mfg. Co., potato coverers, Dansville, N. Y.
Sweet, Geo. W., ladders, wood pumps, etc., Flint, Mich.
Sweet Mfg. Co., rowboat motors, Campau Bldg., Detroit, Mich.
Sweet-Teller Hardware Co., Boise, Idaho.
Sweet, Thomas J., & Co., canned goods, Albion, N. Y.
Sweetland Waste Co., cotton waste, 134 Tudor, S. Boston, Mass.
Sweets Catalogue, trade publication, 119 W. 40th, New York.
Sweets Steel Co., Williamsport, Pa.
Sweetser, J. G., cornices & skylights, Portsmouth, N. H.
Sweetser-Sanborn Co., mill & facty. supplies, Somersworth, N. H.
Sweetsers Drain Tile Co., Sweetsers, Ind.
Sweiberg, Chas. E., contractor, 82 W. Washington, Chicago, Ill.
Sweigard, Jos. L., & Co., machsts., Betz Bldg., Philadelphia, Pa.
Sweigart, A. R., machsts., Morgantown, Pa.
Swenk, Benson Co., sash, door & blind mfrs., 2305 Cherry, Philadelphia, Pa.
Swenson, A., cornices, 807 Emerson av, Minneapolis, Minn.
Swenson, B. A., priming cups, 522 Broad, Providence, R. I.
Swenson Const. Co., Shubert Theatre Bldg., Kansas City, Mo.
Swenson Evaporator Co., mfrs. evaporator & chemical machy., 53 W. Jackson blvd, Chicago, Ill.
Swenson Grubber Co., lightning rods, capstans, etc., Cresco, Ia.
Swenson, J., ship builders, Ft. Warren, Jersey City, N. J.
Swenson, John, Granite Co., granite producers & workers, 101 Park av, New York, & Concord, N. H.
Swenson, L., & Son, contractors, Passaic, N. J.
Swenson Valve Co., machsts. & fndrs., Decorah, Iowa.
Swensson, Emil, archl. engrs., Frick Bldg., Pittsburgh, Pa.
Swern, Perry W., archit., 19 S. La Salle, Chicago, Ill.
Swett, A. L., Iron Wks., machsts. & fndrs., 141 Glenwood av, Medina, N. Y.
Swett, Frank W., & Son, band saw blades, 1716 W. Adams, Chicago, Ill.
Swick, W. L., iron flumes, Glenwood Springs, Colo.
Swift & Co., fertilizer mfrs., Moultrie, Ga., & St. Paul, Minn.
Swift & Co., meat packers, glue & fertilizer mfrs., Union Stock Yards, Chicago, Ill., & 154 9th, Jersey City, N. J.
Swift, E. E., contractor, Wood Hole, Mass.
Swift Fly Swatter Mfg. Co., 1412 W. 12th, Kansas City, Mo.
Swift, Geo. B., Co., contractors, 189 W. Madison, Chicago, Ill.
Swift, Geo. H., architect, Flint, Mich.
Swift, Geo. W., Jr., envelope machs., Bordentown, N. J.
Swift, I. F., Co., mill & facty. supplies, whol. hdwe., Houghton, Mich.
Swift, James, contractors, 522 S. Hudson, Syracuse, N. Y.
Swift Lubricator Co., Elmira, N. Y.
Swift Lbr. Co., Knoxo, Miss.
Swift-McNutt Co., contractors, 70 Devonshire, Boston, Mass.
Swift, M., & Sons, composition leaf, Hartford, Conn.
Swift Mfg. Co., agricultural implements, Waterloo, Ia.
Swift Paint Co., Wade Bldg., Cleveland, Ohio.
Swift, Stanley C., Mfg. Co., stanchion irons, Cuba, N. Y.
Swigart, Herbert, architect, Permanent Bldg., Cleveland, Ohio.
Swind Machy. Co., dlrs., Widener Bldg., Phila., Pa.
Swindell Bros., chemical glassware, Bayard & Russell, Baltimore, Md.
Swindell, Wm., & Bros., engineers & contractors, Jenkins Arcade Bldg., Pittsburgh, Pa.
Swineford, G. A., Co., agricultural implements, Canton, Ohio.
Swinehart Tire & Rubber Co., Akron, Ohio.
Swing Bros., flour, Lexington, N. C.
Swing, J. M., & Bro., canned goods, Greensboro, Md.
Swing, W. P., who. hdwe., Galena, Ill.
Swinger, Oliver, brick, Painter Creek, Ohio.
Swingle, J. A., Contrg. Co., contractors, Zanesville, Ohio.
Swingle, J. S., granite, Quincy, Mass.
Swint Bros. Stone Co., Fremont, Ohio.
Swint, Reineck & Co., whol. hdwe., Fremont, Ohio.
Swinton & Co., fndrs., Port Jervis, N. Y.
Swirsky, F., & Co., architects, University Bldg., Detroit, Mich.
Swisher, L., Lbr. Co., masons' & bldrs.' matls., Decatur, Ill.
Swisher, R. D., Mfg. Co., trade checks, 413 S. Clinton, Chicago, Ill.
Swisher, S. P., masons' & bldrs.' matls., Danville, Ill.
Swiss Colors Co., chemicals, 80 5th av, New York.
Switzer, C. G., canned goods, Fincastle, Va.
Switzer, C. M., furnaces, Butler, Ohio.
Switzer, Geo. J., contr., Litchfield, Conn.
Swoop Julian M., castings, engines, forgings, etc., 913 Girod, New Orleans, La.
Swope Garage & Machine Co., Washington, C. H., Ohio.
Swope, Geo. A., potteries, Lancaster, Pa.
Swope, Hy. R., battery motors, 120 N. 7th, Philadelphia, Pa.
Sword, G. W., & Son, contractors, Lanark, Ill.
Swoyer Bros. Brick Co., Allentown, Pa.
Sybilla E. Elev. Co., Chattanooga, Tenn.
Sybilla Elev. & Mach. Co., contrs. material hoists, 214 W. Ontario, Chicago, Ill.
Sybilla Elev. & Mfg. Co., elec. hoists, Chattanooga, Tenn.
Sycamore Preserve Wks., Sycamore, Ill.
Sydnor Pump & Well Co., machinery dealer, Richmond, Va.
Syefried, E. A., contractor, 3702 Collins av, Cincinnati, Ohio.
Sykes Bros., machsts. & fndrs., Burlington, N. C.
Sykes Co., awnings, cornices, iron, etc., 930 W. 19th pl, Chicago, Ill.
Sykes, Geo., Inc., contractor, 40 W. 32d, New York.
Sykes Metal Lath & Rfg. Co., Niles, Ohio.
Sykes Milling Co., flour, Cleveland, Tenn.
Sykes, S., & Son, contractors, Scranton, Pa.
Sykes Steel Roofing Co., ceilings, doors, windows, etc., 930 W. 19th pl, Chicago, Ill.
Sykes, W. F., & Co., aniline colors, etc., 176 Williams, New York.
Sylacauga Fertilizer Co., Sylacauga, Ala.
Syleecau Mfg. Co., machsts. & fndrs., Rock Hill, S. C.
Syles, Thos., masons' & bldrs.' matls., 59 Flushing av, Jamaica, N. Y.
Syliaasen & Sando, contractors, Downs Bldg., Seattle, Wash.
Sylvan Cotton Mills, Shelbyville, Tenn.
Sylvania Stone Co., Toledo, Ohio.
Sylvester, C. F., & Co., tex. machy. supplies (weavers' combs), Fall River, Mass.
Sylvester Co., iron rolling mills, 141 Milk, Boston, Mass.
Sylvester, Edmond, contractor, Aurora, Ill.
Sylvester, Edmund Q., architect, 8 Beason, Boston, Mass.
Sylvester, L., & Son, contrs., Aurora, Ill.
Sylvia Milling Co., flour, Sylvia, Kansas.
Symansky Bros., scrap brass & iron, Troy, N. Y.
Symington Anderson Co., supplies, Rochester, N. Y.
Symington, T. H., Co., fndrs., Md. Trust Bldg., Baltimore, Md.
Symmers, Jno. H., stone, S. Blvd. & 141st, New York.
Symmes, Edwin J., architect, Pacific Bldg., San Francisco, Cal.
Symmes, H. H., contractor, Indianapolis, Ind.
Symonds Blower Wks., fans, blower, etc., 93 Center Malden, Mass.
Symonds, O. P., & Sons, packing box, Reading, Mass.
Symonds Register Co., St. Louis, Mo.
Symonds, Wm. H., architect, Saranac Lake, N. Y.
Symons Bros. Co., machsts., Evanston, Ill.
Symons Clamp Co., 2219 S. Halsted, Chicago, Ill.
Symons, J. P., Co., machsts. & fndrs., Centralia, Wash.
Synder, H. V., & Son, contractors, Battle Creek, Mich.
Synder, M. L., & Sons, flour mills, Levels, W. Va.
Synthetic Products Co., liquid rubber substitute, Engineers' Bldg., Cleveland, Ohio.
Syracuse Archl. Iron Wks., Syracuse, N. Y.
Syracuse Auto. Radiator Co., Syracuse, N. Y.
Syracuse Basket Co., Syracuse, N. Y.

Syracuse Boiler Wks. Co., Syracuse, N. Y.
Syracuse Bridge Co., Syracuse, N. Y.
Syracuse Broom Co., Syracuse, N. Y.
Syracuse Candle Co., Syracuse, N. Y.
Syracuse Canning Co., Syracuse, Utah.
Syracuse Chilled Die & Casting Co., Syracuse, N. Y.
Syracuse Chilled Plow Co., agricultural implements, 111 Wyoming, Syracuse, N. Y.
Syracuse Crucible Steel Co., Syracuse, N. Y.
Syracuse Die Moulded Casting Co., Syracuse, N. Y.
Syracuse & Eldridge Glove & Mitten Co., Syracuse, N. Y.
Syracuse Faucet & Valve Co., Eastwood, N. Y.
Syracuse Gear Co., Syracuse, N. Y.
Syracuse Heater Co., Syracuse, N. Y.
Syracuse Industrial Gas Co., Syracuse, N. Y.
Syracuse Malleable Iron Works, Syracuse, N. Y.
Syracuse Ornamental Co., casket trimmings, Syracuse, N. Y.
Syracuse Pottery, 713 E. Division, Syracuse, N. Y.
Syracuse Raw Hide Mfg. Co., cut gears, Syracuse, N. Y.
Syracuse Reduction & Mfg. Co., lubrg. oils, Syracuse, N. Y.
Syracuse Rendering Co., fertilizer mfrs., Syracuse, N. Y.
Syracuse Safe Co., Syracuse, N. Y.
Syracuse Screen & Grille Co., North Manchester, Ind.
Syracuse Smelting Wks., metals, electrotype, linotype, etc., 192 Diamond, Brooklyn, N. Y.
Syracuse Stamping Co., toasters, Syracuse, N. Y.
Syracuse Stove Wks., warm air furnaces, Syracuse, N. Y.
Syracuse Supply Co., mill facty. & electrical supplies, machy. dlrs., Syracuse, N. Y.
Syracuse Trunk Co., Syracuse, N. Y.
Syracuse Twist Drill Co., Borden av, Syracuse, N. Y.
Syracuse Unit Brick Co., Syracuse, N. Y.
Syracuse Univ., engng. school & coll., Syracuse, N. Y.
Syracuse Wall Plaster Co., Syracuse, N. Y.
Syracuse Washer Corp., clothes washing machs., Syracuse, N. Y.
Syracuse Wire Works, bank & office railings, etc., 101 University av, Syracuse N. Y.
Syracuse Wrench Co., 325 W. Fayette, Syracuse, N. Y.
Syska Bros., auto. wood bodies, 46 Bergen, Brooklyn, N. Y.
System Magazine, trade publication, 5 N. Wabash av, Chicago, Ill.
Syze, J. F., carriage rims, Yorktown Heights, N. Y.
Szel Import & Export Co., spark plugs, 393 B'way, New York.
Szukalski, Thos., bldg. contr., 1089 Am., Milwaukee, Wis.

Taber & Baxter, architects, Gurney Bldg., Syracuse, N. Y.
Taber-Bigelow Co., mill & facty. supplies, 304 Mission, San Francisco, Cal.
Taber & Co., marble, 1 Hudson, New York.
Taber Lumber Co., Keokuk, Ia.
Taber Pump Co., horse clipping machines, Buffalo, N. Y.
Taber & Reid, cornices & skylights, Augusta, Me.
Tablet & Ticket Co., labels & building directories, 624 W. Adams, Chicago, Ill.
Tablot Co., contractors, Houston, Tex.
Tabor Mfg. Co., fdry. machy., 1740 Hamilton, Phila., Pa.
Tabor Mfg. Co., molding & machy., 18th & Hamilton, Phila., Pa.
Tabor Sash Fixture Co., 63 Polk, Newark, N. J.
Tabor, T. O., & Sons, fertilizer, Elberton, Ga .
Taborga, Rafael, imp. of ores, 233 B'way, New York.
Tabulating Machine Co., tabulating machines mfrs., 50 Broad, New York.
Tackett, W. A., architect, Sherman, Tex.
Tacks Mfg. Co., paste, Utica, N. Y.
Tacoma Dredging Co., Tacoma, Wash.
Tacoma Fdy. & Mach. Co., Tacoma, Wash.
Tacoma Fir Door Co., lumber mfrs., Tacoma, Wash.
Tacoma Grain Co., flour mills, Tacoma, Wash.
Tacoma Mill Co., lumber, tie, poles & posts, 310 Sansome, San Francisco, Cal.
Tacoma Millwork Supply Co., sash, door & blind mfrs., Tacoma, Wash.
Tacoma Pile Driving & Constr. Co., Tacoma, Wash.
Tacoma Ry. & Power Co., mchsts. & fndrs., Tacoma, Wash.
Tacoma & Roche Harbor Lime Co., Roche Harbor, Wash.
Tacoma Sheet Metal Works, cornices & skylights, Tacoma, Wash.
Tacoma Shipbldg. Co., Tacoma, Wash.
Tacoma Smelting Co., electrolytic copper refiners, Tacoma, Wash.
Tacoma Trading Co., masons' & bldrs.' matls., Tacoma, Wash.
Tacony File & Hdwe. Co., file & rasp mfrs., Tacony, Phila., Pa.
Tacony File & Hdwe. Co., 6744 Wissinoming, Philadelphia, Pa.
Tacony Steel Co., Tacony, Philadelphia, Pa.
Taddey, Adolph G., bldg. contr., 744 46th, Milwaukee, Wis.
Taddey, F. W., bldg. contr., 1705 Chestnut, Milwaukee, Wis.
Tafel, A. G., architect, Coleman Bldg., Louisville, Ky.
Taft Fish Co., canned, Taft, Va.
Taft, J. S., Co., potteries, Keene, N. H.
Taft, John, lumber, West Dummerston, Vt.
Taft Machine Co., 229 Globe, Providence, R. I.
Taft Packing House, meat, Taft, Tex.
Taft-Pierce Mfg. Co., drilling jigs & thread milling machinery, Woonsocket, R. I.
Taft, S. H., lumber, 16 Hulbert Blk., Cincinnati, Ohio.
Taggart Bros. Co., paper mill & bag facty., Watertown, N. Y.
Taggart & Brown Co., bldrs., materials, Springfield, Ohio.
Taggart, John A., architect, 21 E. Van Buren, Chicago, Ill.
Taggart's Paper Co., Manila paper, Watertown, N. Y.
Tagliabue, Chas., J., Mfg. Co., hydrometers, 396 B'way, New York.
Tagliabue, G. (Est. of), thermometers, hydrometers, 302 Pearl, New York.
Tagliabue Mfg. Co., gages, hydrometers, thermometers, etc., 18 33rd, Brooklyn, N. Y.
Tague, Jas. E. & Co., lbr., 10th & Columbus av, Phila., Pa.
Tahara Co., burnishing machines, Glenwood & N. Amer., Philadelphia, Pa.
Tahlequah Mill & Elevator Co., flour, Tahlequah, Okla.
Taigman, M., rheostats, 462 W. B'way, New York.
Taintor, H. F., Mfg. Co., chalk mfrs. & saw sets, 2 Rector, New York.
Taisho Trading Co., metal imp., 115 B'way, New York.
Tait, Geo. W., machst., Kearney, N. J.
Tait, John H., Co., contractors, Battle Creek, Mich.
Tait Mfg. Co., mchsts. & fndrs., Kankakee, Ill.
Tait & Nordmeyer Eng. Co., International Life Bldg., St. Louis, Mo.
Tait & Sons Paper Co., Bridgeport, Conn.
Tait, Wm. O., architect, Rossmore av, Yonkers, N. Y.
Taite Ry. Signal Co., Coatesville, Pa.
Taize, Jacob, & Son, plumbers' tools, Philadelphia, Pa.
Takamine Laboratory, Inc., chemical importers, 120 B'way, New York.
Taku Canning & Cold Storage Co., Seattle, Wash.
Talbert-Whitmore Co., damask, Los Angeles, Cal.
Talbot Air Lift Co., wooden pumps, 335 N. 4th, Phila., Pa.
Talbot, Brooks & Ayer, mill & facty. supplies, wholesale hardware, 269 Middle, Portland, Me.
Talbot Bros. Co., lumber, Grosvenor Bldg., Providence, R. I.
Talbot, C. R. Co., iron forgings, Alfred & Sp. Grv. av, Cincinnati, O.
Talbot & Clark, pails & buckets, wood, Sandown, N. H.
Talbot Dyewood & Chemical Co., Lowell, Mass.
Talbot, F. M., Co., contractors, 1 Madison av, New York.
Talbot & Hubbard, wholesale hardware, Phoenix, Ariz.
Talbot Mfg. Co., fertilizer mfrs., St. Michaels, Md.
Talbot Mills, woolen carriage cloth, North Billerica, Mass.
Talbot Packing & Preserving Co., Easton, Md.
Talbott, E. A., masons' & bldrs.' matls., Ellicott City, Md.
Talbott, H. E., Co., contractors, City Natl. Bank Bldg., Dayton, Ohio.
Talbott, M. A., Co., contractors, Rome, N. Y.
Talbott, Thos., & Son, cornices, 240 W. Water, Syracuse, N. Y.
Talbott, Wm. R., architect, 1314 F, N. W., Washington, D. C.
Talcott, W. O., mill & facty. supplies, 91 Sabin, Providence, R. I.
Tale Products Co., soapstone products, 11 Pine, New York.
Talge Mahogany Co., lumber mfrs., 1101 E. 13th, Indianapolis, Ind.
Taliaferro & Co., lumber mfrs., Mutual Bldg., Richmond, Va.
Talking Horn Co., Middletown, N. Y.
Talking Mach. World, trade publication, 373 4th av, New York.
Talladega Fertilizer & Mfg. Co., Talladega, Ala.
Talladega Fdry. & Mach. Co., Talladega, Ala.
Tallahassee Iron Works, Tallahassee, Fla.
Tallahassee Pressed Brick Co., Tallahassee, Fla.
Tallahatchie Lumber Co., Philipp, Miss.
Tallamy, B. F., & Bro., contractors, Plainfield, N. J.
Tallant & Graff, architects, 345 5th av, New York.
Tallant-Grant Packing Co., Astoria, Ore.
Tallapoosa Chemical Co., Alexander City, Ala.
Tallassee Falls Mfg. Co., cordage & twine, Tallassee, Ala.
Tallassee Oil & Gin Co., Tallassee, Ala.
Talley & Co., cutting oils, New Richmond, Ohio.
Talley, J. M., machinist & founder, Dade City, Fla.
Talley & Summer Co., architects, St. James Bldg., Jacksonville, Fla.
Talley's, Thos. J., Sons, lumber, Land Title Bldg., Phila., Pa.
Tallieu, L. P., corn brooms, Samstown, La.
Tallmadge Hardware Co., 147 N. High, Columbus, Ohio.
Tallmadge & Watson, architects, 189 W. Madison, Chicago, Ill.
Tallmage, M. F., heating contractor, 80 Seneca, Buffalo, N. Y.
Tallman, Albert V. W., crude rubber broker, 54 Stone, N. Y.
Tallman & Betts, architects, 17 Dill, Auburn, N. Y.
Tallman, S. C., cornices, Rutherford, N. J.
Tally-Ho Knitting Co., cardigans, sweaters, East Douglas, Mass.
Tally-Meter Co., Norwich, Conn.
Tally, W. B., architect, Cohen Bldg., Jacksonville, Fla.
Talmage Mfg. Co., feeders, oils, valves, Cleveland, Ohio.
Talmage, Thos., machinist & founder, 1123 Appletree, Phila., Pa.
Tama Brick & Tile Co., Tama, Ia.
Tamaqua Mfg. Co., machinists & founders, Tamaqua, Pa.
Tamm Bros. Glue Co., 600 S. Vandeventer av, St. Louis, Mo.
Tamm & Nolan Co., varnish, 151 Potrero av, San Francisco, Cal.
Tamms Silica Co., Stock Exchange Bldg., Chicago, Ill.
Tampa Brush Co., Tampa, Fla.
Tampa Dock Co., shipbldrs., Tampa, Fla.
Tampa Fertilizer Co., Tampa, Fla.
Tampa Fdry. & Mach. Co., Tampa, Fla.
Tampa Hardware Co., Tampa, Fla.
Tampa Machinery Exchange, mill & facty. supp., Tampa, Fla.
Tampa Shipbuilding & Engineering Co., Tampa, Fla.
Tampa Steam Ways Co., Tampa, Fla.
Tampary, C. P., contractor, 614 S. Halsted, Chicago, Ill.
Tams, Edwin B., architect, 2243 N. 22d, Philadelphia, Pa.
Tams, Lemoine & Crane, naval architects, 52 Pine, New York.

Tandreault, Jos., brick, Eliot, Me.
Tandy, V. W., architect, 1931 B'way, New York.
Tanger, J. C., Co., wholesale hardware, Hanover, Pa.
Tanis, E., & Son, contractors, Kalamazoo, Mich.
Tanis, Nicholas, contractor, Paterson, N. J.
Talismanic Co., belt dressing, N. Tonaroando, N. Y.
Tanite Co., machinists, Stroudsburg, Pa.
Task Equipment Co., 500 5th av, New York.
Tannenholz, B., Constr. Co., 56 Catherine, Detroit, Mich.
Tanner, B. F., contractor, Newport, R. I.
Tanner Bros., machinists & founders, Jefferson City, Mo.
Tanner Bros. Co., canned goods, Oakfield, N. Y.
Tanner, Charles, & Co., cornices & skylights, Staunton, Va.
Tanner, Chas. S., Co., tapioca flour, 250 S. Water, Providence, R. I.
Tanner & Co., whol. hdwe., 216 S. Merdidian, Indianapolis, Ind.
Tanner, Conrad, & Sons, carriages, St. Joseph, Mo.
Tanner, D. F., steel anti rattlers, harrows, springs, wagons, etc., Holland, N. Y.
Tanner & Gillis, turpentine, McDonald, Ga.
Tanner-Hower Mfg. Co., punching dies, Akron, Ohio.
Tanner Mill Co., flour, Tanner, W. Va.
Tanner, W. S., Paint Co., 1303 E. Main, Richmond, Va.
Tanner & Wilcox, fertilizer mfrs., Winsted, Conn.
Tanner, Wm. F., & Co., electrical mfrs., Baltimore, Md.
Tanners Extract Co., bark, Charleston, W. Va.
Tannewitz Wks., machinists, Grand Rapids, Mich.
Tanney Brick Co., Haverstraw, N. Y.
Tantau, Clarence A., architect, 519 California, San Francisco, Cal.
Tapager, Christian M., contractor, Albert Lea, Minn.
Taplan-Rice-Clerkin Co., stoves, Akron, Ohio.
Tapley, I. W., packing box, Haverhill, Mass.
Tapley Specialty Co., factory trucks, 47 W. 34th, New York.
Taplin Mfg. Co., hdwe. mfrs., New Britain, Conn.
Taplin-Rice-Clerkin Co., clay working machinery, Akron, Ohio.
Tappan, Frank E., architect, West Orange, N. J.
Tappan Hardware Co., Helena, Ark.
Tappan, W. H., masons' & bldrs.' matls., Baldwinsville, N. Y.
Tappenbeck, W., oils, varnish, etc., 106 Wall, New York.
Tar Heel Mica Co., Plumtree, N. C.
Tar River Oil Co., Tarboro, N. C.
Tarbell, E. H., Co., Elec. fix., 15 Washington, Boston, Mass.
Tarbet, Samuel B., architect, Republic Bldg., Kansas City, Mo.
Tarbett, W. A., & Co., machsts. & fndrs., 287 Atlantic av, Boston, Mass.
Tarbox, A. & E., common brick, Yorkville, Ill.
Tarbox Broom Corn Co., Arcola, Ill.
Tarbox Lumber Co., Cedarville, Ohio.
Tarbox & McCall, stone producers, Findlay, Ohio.
Tarbox Mfg. Co., metal polish, New London, Conn.
Tarbox, O. S., granite, Red Beach, Me.
Tardie, E. J., batteries, flashlights, 156 5th av, New York.
Tardif, F., contractor, Nashua, N. H.
Tarentum Beveling & Mirror Wks., adv. purposes, Tarentum, Pa.
Tarentum Glass Co., Tarentum, Pa.
Tarentum Paper Mills, 2d Natl. Bk. Bldg., Pittsburgh, Pa.
Tariffville Oxygen & Chem. Co., Tariffville, Conn.
Tarr, Geo. C., tackle blocks, Gloucester, Mass.
Tarr, Geo. J., Co., fish oils, Gloucester, Mass.
Tarr, Jas. H., Co., paint mfrs., Gloucester, Mass.
Tarr & Wonson, paints, Gloucester, Mass.
Tarrant Fdry. Co., gray iron castings, 373 W. Grand av, Chicago, Ill.
Tarrant, Robt., machinist & fndr., 323 W. Illinois, Chicago, Ill.
Tartar Chemical Co., 135 William, New York.
Tashenberg Bros., boilers, 43 Illinois, Buffalo, N. Y.
Tasker, Geo. F., boot & shoe counter, Haverhill, Mass.
Tassey, Lewis, machinist, Alexandria, N. Y.
Tassini & Tassini, marble, 810 E. 5th, New York.
Tate, C. L., & Co., canned goods, Arnold, Md.
Tate, E. H., Mop & Cordage Co., mops, dusters, dust cloths, stove pipe wire, etc., 15 Chardon, Boston, Mass.
Tate & Fearing, lumber mfrs., Camden, Ark.
Tate, Geo. D., & Son, masons' & bldrs.' matls., Kokomo, Ind.
Tate, J. H., & Co., flour mills, Monticello, Ky.
Tate-Jones & Co., Inc., burners & furnaces, Empire Bldg., Pittsburgh, Pa.
Tate Mfg. Co., cloths, mops, rope, etc., 48 Hanover, Boston, Mass.
Tate, R. L., brooms—corn, Paducah, Ky.
Tate, W. C., & Son, flour, Centralia, Okla.
Tate, Wm. J. (Est. of), ice cream freezers, 3520 Mercer, Philadelphia, Pa.
Tatem, J. B., & Son, wood handles, Putnam, Conn.
Tatem, J. M., Handle Co., Eastford, Conn.
Tatham & Bros., solder, 261 Water, New York.
Tatlock Bros., soap, Rochester, N. Y.
Tatton, H., architect, 45 E. 57th, New York.
Tatum & Conrad, turpentine, Barberville, Fla.
Tatum Lumber Co., Hattiesburg, Miss.
Tatum, P. O., flour, South River, N. C.
Tatum, Sam'l C., Co., loose leaf devices, etc., Cincinnati, Ohio.
Tatum, W. M., Hardware Co., Corsicana, Tex.
Taub, H. L., cornices, Saginaw, Mich.
Taubman, Charles, machst. & fndr., Lexington, Mo.
Taunton Crucible Works, Taunton, Mass.
Taunton Lumber Co., sash, door & blind, Brockton, Mass.
Taunton Nail Co., bill posters' tacks, Taunton, Mass.
Taunton-New Bedford Copper Co., machsts. & fndrs., Taunton, Mass.
Taunton Oil Cloth Co., Taunton, Mass.
Taunton Rivet Works, Taunton, Mass.
Taunton Rubber Co., heels, Taunton, Mass.
Taunton Spindle Co., tex. machy. supplies, etc., Taunton, Mass.
Tausch, Wm. F., contractor, Williamson Bldg., Cleveland, Ohio.
Tausche, V., Hardware Co., cornices & skylights, La Crosse, Wis.
Taussig, Hugo, architect, 1476 B'way, New York.
Tavares, J. G., & Co., who., hdwe., 85 2d, San Francisco, Cal.
Taveniere & Johnson, contractors, Closter, N. J.
Tavern Rock Sand Co., 612 N. 2d, St. Louis, Mo.
Taws, Henry M., architect's supplies, 920 Arch, Phila., Pa.
Tay, Geo. H., Co., plumbers' supplies, jobbers, 599 Mission, San Francisco, Cal.
Tay Pike Co., oil & gas well supplies, Coalinga, Cal.
Tayeau, H. S., & Co., fertilizer mfrs., 5 S. Gay, Baltimore, Md.
Tayler & Spotswood Co., whol. hdwe., 19th & Minnesota, San Francisco, Cal.
Taylor, W. P., lumber, Winton, N. C.
Taylor, A. D., landscape architect, 1900 Euclid av, Cleveland, Ohio.
Taylor, A. G., contractor, 1151 W. 4th, N., Salt Lake City, Utah.
Taylor, A. J., & Son, Oak Hall, Va.
Taylor, Abner, mill & facty. supplies, Bangor, Me.
Taylor, Alfred H., 138 W. 65th, New York.
Taylor-Atkins Paper Co., Burnside, Conn.
Taylor, B. U., Co., masons' & bldrs.' matls., Oleon, N. Y.
Taylor Bedding Mfg. Co., Taylor, Tex.
Taylor Belting Co., 247 S. Meridian, Indianapolis, Ind.
Taylor, Bernard J., architect, 367 Prior av, St. Paul, Minn.
Taylor & Boggis Foundry Co., junction boxes, Cleveland, Ohio.
Taylor & Bonta, architects, Gurney Bldg., Syracuse, N. Y.
Taylor Bros., masons' & bldrs.' matls., Camden, N. J.
Taylor Bros., canned goods, La Grange, Ky.
Taylor Bros. Brick Co., Redlands, Cal.
Taylor Bros. Co., draughting inks, rubber stamps, 706 Superior av, N. W., Cleveland, Ohio.
Taylor Bros. of Los Angeles, contrs., 7367 Sunset blvd., Los Angeles, Cal.
Taylor Burner & Electroplating Co., Ltd., water heaters, 804 Duquesneway, Pittsburgh, Pa.
Taylor Building Co., contrs., Fort Worth, Tex.
Taylor, Button Fuel Co., masons' & bldrs.' matls., 1st Nat. Bk. Bldg., Milwaukee, Wis.
Taylor, C. A., Trunk Works, 28 E. Randolph, Chicago, Ill.
Taylor, C. F., masons' & bldrs.' matls., Warren, Ill.
Taylor, C. F. Co., contrs., Camden, N. J.
Taylor, C. P., patterns & models, Rockford, Ill.
Taylor-Cannady Buggy Co., Oxford, N. C.
Taylor Card & Box Co., 196 W. Exchange, Providence, R. I.
Taylor Chair Co., Bedford, Ohio.
Taylor, Chas., masons' & bldrs.' matls., Funk, Ohio.
Taylor, Chas. C., architect, Mitchell Bldg., Cincinnati, Ohio.
Taylor, Chas. E., masons' & bldrs.' matls., 1429 Cutter, Cincinnati, Ohio.
Taylor, Chas. N., contractor, Wellesley, Mass.
Taylor, Chas. P., mill & facty. supplies, 57 Weybosset, Providence, R. I.
Taylor, Chas., Sons Co., brick, 710 Burns, Cincinnati, Ohio.
Taylor, Chas. W., architect, New Castle, Ind.
Taylor Chemical Co., lime sulphur solution, Penn Yan, N. Y.
Taylor Coal & Coke Co., 819 Hickox Bldg., Cleveland, Ohio.
Taylor & Co., iron, steel, etc., castings, 680 Morgan av, Brooklyn, N. Y.
Taylor & Crate, lumber, 2101 Elmwood, W., Buffalo, N. Y.
Taylor, Davis J., contractor, Newark, Ohio.
Taylor, Davis & Co., turpentine, Farmdale, Fla.
Taylor & Dean, architectural iron, etc., Penn av & 25th, Pittsburgh, Pa.
Taylor Dredging Co., ft. Communipaw av, Jersey City, N. J.
Taylor, E. C., architect, Haas Bldg., Los Angeles, Cal.
Taylor, E. L., & Co., whol. hdwe., 1415 E. Main, Richmond, Va.
Taylor, E. R., Co., contractors, 786 E. Broadway, Boston, Mass.
Taylor, Edwin, Lumber Co., Hartford, Conn.
Taylor, Edw. R., Co., carbon-bi-sulphide, Penn Yan, N. Y.
Taylor Electric Truck Co., Troy, N. Y.
Taylor & Ellis, burlap, 485 B'way, New York.
Taylor, Eugene H., architect, 222 S. 3d, Cedar Rapids, Iowa.
Taylor, F. K., contractor, Schenectady, N. Y.
Taylor, F. R., & Co., cornices & skylights, Sterling, Ill.
Taylor & Fenn Co., machsts. & fndrs., Hartford, Conn.
Taylor Foundry & Engineering Co., Grass Valley, Cal.
Taylor, Frank W., & Son, steam htg. contrs., 259 S. 4th, Phila., Pa.
Taylor, Frank, contr., Pueblo, Colo.
Taylor Fruit & Canning Co., Lockport, N. Y.
Taylor, G. Wood, architect, 425 Main, Springfield, Mass.
Taylor, Geo., Brass & Bronze Works, 97 Cliff, New York.
Taylor, Geo. T., Marine Ry. Corp., dry docks, Norfolk, Va.
Taylor, Gilbert D., metal polish, 3828 S. State, Chicago, Ill.
Taylor & Goericke, contractors, Postal Tel. Bldg., San Francisco, Cal.
Taylor-Goodwin Co., masons' & bldrs.' matls., Haverhill, Mass.

Taylor, H. D., Co., whol. hdwe., 103 Oak, Buffalo, N. Y.
Taylor, H. P., architect, Union City, Tenn.
Taylor, Halsey W., Co., drinking fountains, Warren, Ohio.
Taylor, Harvey B., architect, Cornwall, N. Y.
Taylor, Harvey R. Building Corp., Cornwall, N. Y.
Taylor, I. R., & Co., contractors, Asbury Park, N. J.
Taylor Instrument Co.'s, thermometers, etc., Rochester, N. Y.
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Taylor, Isaac S., architects, Mercantile Bldg., St. Louis, Mo.
Taylor, J. D., Contr. Corp., contrs., 115 S. Salina, Syracuse, N. Y.
Taylor, J. E., & Co., canned goods, Santa Ana, Cal.
Taylor, J. I., contractor, Chester, Pa.
Taylor, J. M., machinists & founders, Andalusia, Ala.
Taylor, J. W., canned goods, Hallwood, Va.
Taylor, J. W., arch'l photographers, 440 S. Dearborn, Chicago, Ill.
Taylor, Jas. A., cornices & skylights, Highstown, N. J.
Taylor, Jas. K., architects, Northampton, Mass.
Taylor, Jas. L., Mfg. Co., clamps, Poughkeepsie, N. Y.
Taylor, Jas. P., contractor, Macleay Bldg., Portland, Ore.
Taylor, John A., contractor, Dunkirk, N. Y.
Taylor, John E., machsts. & fndrs., Nashville, Mich.
Taylor, Jno. R., & Co., mill & facty. supplies, Little Falls, N. Y.
Taylor & Kemp, flour mills, Prosser, Wash.
Taylor, L. E., & Co., loaders, 312 Flour Exchange, Minneapolis, Minn.
Taylor & Levi, architects, 105 W. 40th, New York.
Taylor, Lincoln, mill & facty. supplies, Stamford, Conn.
Taylor & Ginn, contrs., Zanesville, Ohio.
Taylor-Logan Co., paper & pulp mills, Holyoke, Mass.
Taylor, Lowenstein & Co., turpentine, Mobile, Ala.
Taylor Lumber Co., glass, Lafayette, Ind.
Taylor Machy. Co., 78 Batterymarch, Boston, Mass.
Taylor Machine Co., lathes, 7804 Carnegie av, Cleveland, Ohio.
Taylor Mfg. Co., machsts., Hartford, Conn.
Taylor Mfg. Co., port. fireproof garages, 219 Glenridge av, Montclair, N. J.
Taylor Mfg. Co., pumps, Detroit, Mich.
Taylor Mfg. Co., store & bar fixtures, Princeton, Ind.
Taylor Mfg. Co., weeders, Canton, Ohio.
Taylor & Main, architect, Nashby Bldg., Toledo, Ohio.
Taylor, Martin, & Co., lumber mfrs., Mobile, Ala.
Taylor Mattress Co., Salisbury, N. C.
Taylor Milling Co., flour, Taylor, Tex.
Taylor & Mosley, architects, 40 Wall, New York.
Taylor & Moss, ties, poles & posts, Danville, Ky.
Taylor, N. & G., Co., mfrs. roofing slate, forging, steel, etc., Mariner & Merchant Bldg., Philadelphia, Pa.
Taylor Oil Mill, meal, Taylor, Tex.
Taylor Paper Co., 310 Davis, San Francisco, Cal.
Taylor-Parker Co., mill & facty. supplies, Norfolk, Va.
Taylor & Pearson, contractors, 196 Virginia av, Jersey City, N. J.
Taylor & Percival, mill & facty. supplies, Waltham, Mass.
Taylor Portable Steel Derrick Co., 215 W. Grand av, Chicago, Ill.
Taylor & Powell Fertilizer Co., Springfield, Tenn.
Taylor Provision Co., meat packers, Trenton, N. J.
Taylor, R. E. Lee, architect, Union Trust Bldg., Baltimore, Md.
Taylor, R. M., architect, 112 W. 9th, Los Angeles, Cal.
Taylor, Robert J., crucible mfr., 1900-16 Callowhill, Phila., Pa.
Taylor, Robt., & Son, fndrs., Paterson, N. J.
Taylor & Robinson, contractors, Huntington, W. Va.
Taylor, Ronald, Co., flooring, paving blocks, 520 E. 20th, New York.
Taylor, S. G., Chain Co., 640 Marquette Bldg., Chicago, Ill.
Taylor-Shantz Co., dies—stamping, punching & embossing, etc., Rochester, N. Y.
Taylor, Smith & Taylor Co., crockery, East Liverpool, Ohio.
Taylor Steam Spec. Co., traps, Battle Creek, Mich.
Taylor, Stiles & Co., machsts. & fndrs., Riegelsville, N. J.
Taylor Supply Co., whol. hdwe., 937 Fell, Baltimore, Md.
Taylor Supply Co., mill, facty. & steamfitters' supplies, 164 Larned, Detroit, Mich.
Taylor, T. S., masons' & bldrs.' matls., Guilford, Ind.
Taylor, Thos. B., flour mills, Jackson, Mich.
Taylor, Thos., & Sons, shoe goring, elastic webbing, Hudson, Mass.
Taylor Univ., engng. school & coll., Waco, Tex.
Taylor, V. E., contractor, Huntington, W. Va.
Taylor, W. B., brick, Jackson, Miss.
Taylor, W. B., & Co., fndrs., Palmer, Mass.
Taylor, W. G., & Son, contractor, Atlantic, N. J.
Taylor, W. Hart, architect, 50 Bromfield, Boston, Mass., & Chelsea, Mass.
Taylor, W. O., masons' & bldrs.' matls., Lynchburg, Va.
Taylor, W. P., sash, door & blind mfr., Manasquan, N. J.
Taylor, W. P., Co., machsts. & fndrs., Ellicott sq, Buffalo, N. Y.
Taylor, W. W., carriages, Lockport, N. Y.
Taylor, Walter B., fndr., Worcester, Mass.
Taylor, Walter L., architect, Landsdowne, Pa.
Taylor, Welder Co., elcetric welding machine, Warren, Ohio.
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.
Taylor, Wickham C., architect, Citizens' Bk. Bldg., Norfolk, Va.
Taylor, Wm., lamp guards, switches, 203 Broadway, New York.
Taylor, Wm. H., & Co., mill & facty. supplies, Allentown, Pa.
Taylor, Wm. J., Co., contractors, 5 E. 42d, New York.
Taylor, Wm. M., Mantel & Grate Co., bank fixtures, 26 S. 3rd, Columbus, Ohio.
Taylor-Wilson Mfg. Co., machsts & fndrs., McKees Rocks, Pa.
Taylorsville Mfg. Co., canned goods, Taylorsville, Ky.
Taylorsville Milling Co., flour, Taylorsville, N. C.
Tayntor, C. E., Granite Co., 29 W. 34th, New York.
T. & B. Brass Fdry. Co., Tacoma, Wash.
T. C. M. Mfg. Co., milling machines, Harrison, N. J.
Tea & Coffee Trade Journal, 79 Wall, New York
Teach, Wm., cornices, Appleton, Wis.
Teachout, A., Co., sashes, doors & blinds, 331 Prospect av, N. W., Cleveland, Ohio.
Teachout, H. E., Boiler Works, E. 37th & Erie R. R., Cleveland, Ohio.
Teachout Sash, Door & Glass Co., 100 W. Spring, Columbus, O.
Teague Hardware Co., Montgomery, Ala.
Teague, J. C., architect, Daly Bank Bldg., Butte, Mont.
Teahen, Jas. M., water closet tanks, etc., Detroit, Mich.
Teal, Chas. A., barrel, etc., elevators, mortar mixers, 1361 Ridge av, Philadelphia, Pa.
Teale, Oscar S., architect, 35 B'way, New York.
Teasley & Son, fertilizer, Bowman, Ga.
Tebbets, E. L., Spool Co., Locke Mills, Me.
Tebo Yacht Basin Co., machsts & fndrs., Ft. 23rd, Brooklyn, N. Y.
Tebow, Newton, architect, 519 Main, Cincinnati, O.
Technical Academy, engng. schools & coll., Greenville, S. C.
Technical Supply Co., stationers' spec., Scranton, Pa.
Technical World Magazine, 58th & Drexel, Chicago, Ill.
Technology Sales Co., Inc., sash locks, 25 W. B'way, New York.
Tecktonius, E. C., Mfg. Co., machsts., Racine, Wis.
Tecla Elec'l Iaboratory, flashers, 195 Cass av, Detroit, Mich.
Tecumseh Gravel Co., sand & gravel dlrs., Tecumseh, Mich.
Tecumseh Oil & Cotton Co., meal, Sherman, Tex.
Tedeschi & Tedeschi, granite producers, etc., 632 Boulevard, Astoria, New York.
Tedewater Cross Arm & Conduct Co., Tacoma, Wash.
Teegarden & Greenlee, contractors, St. Joseph, Me.
Teegardin, J. W., & Co., brick & tile, Duvall.
Teetors Adding Machine Co., Des Moines, Ia.
Teel, Eldridge & Co., carriages, Medford, Mass.
Teele Soap Co., Cambridge, Mass.
Teeling, Walter W., architect, Rensselaer, N. Y.
Teeple, Jno E., chemists, 50 E. 41st, New York.
Teeple, W. S, machsts & fndrs, Wellsburg, W. Va.
Teesdale, Laurence V., architect, 500 W. 69th, Chicago, Ill.
Teeter-Hartley Motor Co., Hagerstown, Ind.
Tegen, R. F., architect, Morgan Bldg., Portland, Ore.
Tegetmeier & Riepe Co., auto. wood bodies, 771 1st av, New York.
Tegge Lbr. Co., 700 Pk., Milwaukee, Wis.
Tegtmeyer Box & Lumber Co., 1828 S. Canal, Chicago, Ill.
Tegufilm Chemical Mfg. Co., boiler preservative, Syracuse, N. Y.
Teich, Fred C., architect, Union Nat'l Bk. Bldg., Houston, Tex.
Teichart & Ambrose, contractors, Sacramento, Cal.
Teichert, A., & Son., contrs., Sacramento, Cal.
Teichman, Robt., architect, 22 William, New York.
Telegraph & Telephone Age, trade publication, 253 B'way, New York.
Telelectric Co., pianos, 280 Madison av, New York.
Telephone Publishing Co., 53 W. Jackson blvd, Chicago, Ill.
Telephone Roller Mill Co., Telephone, N. C.
Telephone Service Seat Cabinet Co., Phelan Bldg., San Francisco, Cal.
Telescope Cot Bed Co., 535 E. 79th, New York.
Telescope Mine Mach. Co., Pittston, Pa.
Telgler Bros., brick., Dayton, Ohio.
Tell City Canning Co., Tell City, Ind.
Tell City Desk Co., Tell City, Ind.
Tell City Foundry & Machine Works, Tell City, Ind.
Tell City Planing Mill, sash, door & blind, Tell City, Ind.
Tell City Spoke Co., Tell City, Ind.
Teller, E. J., & Son, machinists, Henderson, Tex.
Teller, Myron, architect, Kingston, N. Y.
Teller, R. K., coal chutes, fruit presses, etc., Unadilla, N. Y.
Tellers-Sommerhof Organ Co., Erie, Pa.
Telschow, Fred, contractor, Michigan City, Ind.
Temblett, Wm. H., architect, 861 Lakeview rd, Cleveland, O.
Temco Electric Motor Co., Leipsic, O.
Temin, Wm., & Son, canned goods, Hartley, Del.
Tempest Brick Co. (Ltd.), McKeesport, Pa.
Tempest & Terment, machsts., Monongahela, Pa.
Templar Motors Corp., Lakewood, Cleveland, Ohio.
Temple, Adams & Sons, flour mills, Maxonmill, Ky.
Temple Art Glass Co., 19 S. La Salle, Chicago, Ill.
Temple Bros., whol. marble & granite, Rutland, Vt.
Temple, Seth J., architect, McManus Bldg., Davenport, Ia.
Temple Cotton Oil Co., Temple, Ga.
Temple,Harry R., architect, Champaign, Ill.
Temple Malleable Iron & Steel Co., Harrison Bldg., Phila., Pa.
Temple Mfg. Co., chain pumps, N. 22d & S. 54th, Chicago, Ill.
Temple Slag Co., Land Title Bldg., Philadelphia, Pa.
Temple, Thos. P., cornices, Waterbury, Conn.
Temple Univ., engng. schools & coll., Philadelphia, Pa.

Templeman's Milling & Canning Co., Templeman Cross Roads, Va.
Templeton, C. L., paternmaker, Dayton, O.
Templeton, Charles A., Inc., builders' & general hardware, iron & steel, mill, factory & automobile supplies & agricultural implements, batteries & bothery supplies, wholesale, Waterbury, Conn.
Templeton, Kenly & Co., Ltd., jacks, 1020 So. Central av, Chicago, Ill.
Templeton Lime Co., 1019 N. Homan av, Chicago, Ill.
Templeton Limestone Co., Templeton, Pa.
Templeton Mfg. Co., steam traps, Boston, Mass.
Templeton, Williams & Co., flour, Mooresville, N. C.
Temps, Martin G., architect, 226 S. La Salle, Chicago, Ill.
Tempus Reclaiming Mfg. Co., baling presses, 25 North Seventh, Philadelphia, Pa.
Ten Broeck & Huber, elec. light baths, X-ray app., etc., 214 E. 23rd, New York.
Ten Broeck Tyre Co., 26th & Courtney, Louisville, Ky.
Ten Eyck Pump Co., air pumps, 141-49 W. 62d, Chicago, Ill.
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Ten Mile Lumber Co., Ten Mile, Miss.
Tenacity Mfg. Co., loose leaf devices, Reading, Ohio.
Tenant, A. W., flour mills, Morgantown, W. Va.
Tenbusch, Garhard A., architect, 1854 E. 79th, Cleveland, Ohio.
Teneo Co., Inc., snap fasteners, 20 W. 22nd, New York.
Tengwall Co., loose leaf devices, 2954 Sheffield av, Chicago, Ill.
Tenion Stone Co., Tenino, Wash.
Tenison Bros. Saddlery Co., Dallas, Tex.
Tenk Hardware Co., Quincy, Ill.
Tennant, C., Sons & Co. of New York, acids, oils, pig iron, etc., 100 William, New York.
Tennant, H. C., Supply Co., mill & factory supplies, Augusta, Ga.
Tennant & Hoyt Co., feed, flour, Lake City, Minn.
Tennant, Sherman (Est. of), clothes pins, Northville, N. Y.
Tennes & Greenwell, contractors, Owensboro, Ky.
Tenn. Brick & Tile Co., Dyersburg, Tenn.
Tenn. Burner Mfg. Co., gas burner tips, Chattanooga, Tenn.
Tenn. Cement & Lime Co., Nashville, Tenn.
Tenn. Chemical Co., fertilizer, Nashville, Tenn.
Tenn. Coal, Iron & R. R. Co., Birmingham, Ala.
Tenn. Coffin & Casket Co., Chattanooga, Tenn.
Tenn. Copper Co., 61 Broadway, New York.
Tenn. Cotton Oil Co., Memphis, Tenn.
Tenn. Distilling Co., Evansville, Ind.
Tenn. Fertilizer Co., mfrs. phosphate & sulphuric acid, Albany, Ga., & Nashville, Tenn.
Tenn. Fibre Co., Memphis, Tenn.
Tenn. Hoop Co., Memphis, Tenn.
Tenn. Lime & Sand Co., Knoxville, Tenn.
Tenn. Line & Twine Co., Elizabethton, Tenn.
Tenn. Lumber Mfg. Co., Pottsville, Pa.
Tenn. Lumber & Coal Co., oak flooring, 2nd Nat'l. Bank Bldg., Cincinnati, O.
Tenn. Metal Culvert Co., Nashville, Tenn.
Tenn. Mill & Mine Supply Co., Knoxville, Tenn.
Tenn. Oak Flooring Co., Nashville, Tenn.
Tenn. Producers' Marble Co., Knoxville, Tenn.
Tenn. Stove Works, Chattanooga, Tenn.
Tenn. Wire & Iron Works, Memphis, Tenn.
Tenney, A. E., Mfg. Co., machsts., Pawtucket, R. I.
Tenney & Co., garden cultivators, Decatur, Ill.
Tenning, L. T., switches, Jackson, O.
Tennis, A. H., shoe sewing machs., 47 E. 19th, New York.
Tennis Co., contrs., 32-3 4th av, Pittsburgh, Pa.
Tennis, Edgar M., masons' & bldrs.' matls., Phoebus, Va.
Tennis, F. L., contractor, Hampton, Va.
Tennison Bros., conductor pipe, shingles, Houston, Tex.
Tennison, G. E., patternmakers' fillet, 134 W. 3rd, Cincinnati, O.
Tenold Bros., mill & facty. supplies, Northwood, Ia.
Tension Envelope Co., 87 34th, B'klyn, New York.
Tepper & Diamond, architects & contractors, 504 E, N. W., Washington, D. C.
Terabentine Co., turpentine substitute, Commercial Trust Bldg., Philadelphia, Pa.
Terhaar & Mundle, glass stainers, 433 William, Buffalo, N. Y.
Terhune, Edgar A., architect, cor. Hudson av & Linden pl, Red Bank, N. J.
Terhune, J. I., Machine Works, Paterson, N. J.
Terhune Lumber Co., Oliver Bldg., Pittsburgh, Pa.
Terhune's, B., Sons, lumber mfrs., Bradfordsville, Ky.
Terkelsen & Wennberg, check mfrs., 328 A, Boston, Mass.
See adv. index at end of book.
Termaat & Monohan Mfg. Co., elec. lighting systems, Oshkosh, Wis.
Terminal Elec. Co., transformers, 551 W. 42nd, New York.
Terminal Machine Co., dealers, 404 Broome, New York.
Ternan & White, lumber, 20th & Erie, Philadelphia, Pa.
Terre Haute Advtg. Co., spec., Terre Haute, Ind.
Terre Haute Boiler Works Co., Terre Haute, Ind.
Terre Haute Bronze & Brass Foundry, Terre Haute, Ind.
Terre Haute Casket Co., Terre Haute, Ind.
Terre Haute Furnace & Sheet Metal Co., cornices, Terre Haute, Ind.
Terre Haute Gas Fixture Co., Terre Haute, Ind.
Terre Haute Handle Co., Terre Haute, Ind.
Terre Haute Heavy Hardware Co., Terre Haute, Ind.
Terre Haute Machine Works, Terre Haute, Ind.
Terre Haute Malleable & Mfg. Co., castings, Terre Haute, Ind.
Terre Haute Paper Co., Dayton, Ohio.
Terre Haute Pressed Brick Co., Terre Haute, Ind.
Terre Haute Rag & Metal Co., scrap iron & steel, Terre Haute, Ind.
Terre Haute Spring & Mattress Co., Terre Haute, Ind.
Terre Haute Stone Works Co., Terre Haute, Ind.
Terre Haute Vitrified Brick Co., Terre Haute, Ind.
Terrell, A. Sid., distiller, Paducah, Ky.
Terrell Milling Co., feed & flour, Terrell, N. C., & Terrell, Tex.
Terrell, W. C., brick, Greenville, Ala.
Terrell's Equipment Co., Hall & Hilton, Grand Rapids, Mich.
Terrien, A., & Co., contractors, Richmond, Vt.
Terrill Bros., carriages, Rahway, N. J.
Terry, Andrew, Co., mchsts. & fndrs., Terryville, Conn.
Terry Bros. Co., brick, Kingston, N. Y.
Terry, C. W., architect, Michigan Bldg., Wichita, Kans.
Terry Constr. Co., 607 W. 51st, New York.
Terry, Edw. F., Mfg. Co., derricks, Grand Central Terminal, New York.
Terry, R. T., brick & tile, Leipsic, Ohio.
Terry Steam Turbine Co., Hartford, Conn.
Terry & Tench Co., steel contractors, Mad. av, New York
Terry, W. E., Lumber Co., Galesburg, Ill.
Terry & Williamson, machsts., 43 Sedgwick, Brooklyn, N. Y.
Terryberry, Austin, Palladio Bldg., Duluth, Minn.
Terwedo Mfg. Co., cornices, Oshkosh, Wis.
Terwilliger, D. W., architect, 1 W. 34th, New York.
Terwilliger Floor Mfg. Co., 607 W. 43rd, New York.
Terwillinger, A. H., & Son, masons' & bldrs.' matls., Waterloo, N. Y.
Terwillinger's, I., Son, masons' & bldrs.' matls., Ossining, N. Y.
Tesch, Wm., mill & facty. supplies, whol. hdwe., Appleton, Wis.
Tesmer, R. C., stone producers, 111 S. Clark, Chicago, Ill.
Tessmer Mach. & Tool Co., cutters, 285 Rivard, Detroit, Mich.
Tetley-Klein Lumber Co., Farmington, Mo.
Tetzfaff, Wm., flaxseed, 652 31st, Milwaukee, Wis.
Tetzlaff, H., masons' & bldrs.' matls., Watertown, Wis.
Teufel-Kloess Co., contractors, Belleville, Ill.
Teuffer, Chas., cornices, 4816 W. Erie, Chicago, Ill.
Teuscher & Son Machinery Supply Co., 527 N. 2d, St. Louis, Mo.
Tevss, J., contractor, Norfolk, Va.
Tewes, Frank X., architect, Endicott Bldg., St. Paul, Minn.
Texarkana Brick Co., Texarkana, Ark., & Texarkana, Tex.
Texarkana Casket Co., Texarkana, Tex.
Tex. Anchor Fence Co., machsts. & fndrs., Ft. Worth, Tex.
Tex. Arm & Pin Co., Beaumont, Tex.
Tex. Bag & Fibre Co., Houston, Tex.
Tex. Bithulithic Co., Dallas, Tex.
Tex. Builders' Supply Co., Beaumont, Tex.
Tex. Cake & Linter Co., Dallas, Tex.
Tex. Cement Plaster Co., Hamlin, Tex.
Tex. Co., machsts., Bayonne, N. J.
Tex. Co., oils, greases & cements, Houston, Tex.
Tex. Cons. Co., architects, Swearingen-McCraw Bldg., San Antonio, Tex.
Tex. Cotton Mill Co., denims, awning stripes, McKinney, Tex.
Tex. Disc Plow Co., Dallas, Tex.
Tex. Fig Co., canned goods, Houston, Tex.
Tex. Glass & Paint Co., Dallas, Tex.
Tex. Grading Co., Houston, Tex.
Tex. Implement & Machine Co., Dallas, Tex.
Tex. Kalamazoo Silo Co., Ft. Worth, Tex.
Tex. & La. Lbr. Co., Houston, Tex.
Tex. Machinery & Supply Co., Dallas, Tex.
Tex. Mfg. Co., mill & facty. supplies, Fort Worth, Tex.
Tex. & Pacific Coal Co., brick, Thurber, Tex.
Tex. Portland Cement Co., Dallas, Tex.
Tex. Press Brick Co., Ferris, Tex.
Tex. Rice Mills, Houston, Tex.
Tex. Star Flour Mills, Galveston, Tex.
Tex. Tank & Culv. Co., Fort Worth, Tex.
Texas Brass Mfg. Co., Dallas, Tex.
Texas Co., oils, greases & cements, Houston, Tex., & 17 Battery Place, New York.
Texas Shipbuilding Co., Bath, Me.
Texas Steam Engine Wks., Texarkana, Tex.
Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.
Textile Leather Co., Inc., artificial imitation leather, 212 Fifth av, New York.
Textile Machine Works, Reading, Pa.
Textile Mfrs. Journal, 1113 Broadway, New York.
Textile Mill Supply Co., Charlotte, N. C.
Textile Tube Co., paper sleeves, Fall River, Mass.
Textile World Journal, trade publication, 144 Congress, Boston, Mass.
Tezas Machinery & Supply Co., Houston, Tex.
Thacher, A. Q., Contr. Co., 6 Jefferson av, Toledo, Ohio.
Thacher, Geo. H., & Co., ship bldrs'. supplies, etc., Albany, N. Y.
Thacker, F. L., machinist, Los Angeles, Cal.
Thackery, J. H., & Son, brick, Broadway, Ohio.
Thain, Chas. C., architect, 52 Vanderbilt, New York.
Thain, T. T., architect, Fayetteville, N. C.
Thairwall, Wm. C., & Co., silk thread, 504 Albany, Boston, Mass.

Thal & Alfel, architects, Ohio blk, Toledo, Ohio.
Thalman & Reed, contrs., Little Rock, Ark.
Thames River Specialties Co., paper & pulp mills, Montville & Uncasville, Conn.
Thames Tow Boat Co., New London, Conn.
Thanhouser Film Corp., New Rochelle, N. Y.
Tharinger, Chas. H., architect, 2324 State, Milwaukee, Wis.
Thatcher, A. Q., Contr. Co., Marine Bldg., Toledo, Ohio.
Thatcher Bros., machsts. & fndrs., Mattoon, Ill.
Thatcher Furnace Co., 131 W. 35th, New York.
Thatcher, Jno., & Son, contractors, 60 Park av, Brooklyn, N. Y.
Thatcher-Kerwin Glass Co., 515 Spruce, St. Louis, Mo.
Thatcher Mfg. Co., dairy apparatus & glass bottles, Elmira, N. Y.
Thatcher Milling & Elevator Co., flour, Logan, Utah.
Thatcher-Rueter Mfg. Co., dies, etc., Cleveland, Ohio.
Thauwald, C. F., & Co., wood mantels, 1224 Harrison av, Cincinnati, Ohio.
Thaxter, Saml., & Son, binnacles, 28 Central, Boston, Mass.
Thayer, A. T., machsts. & fndrs., Akron, N. Y.
Thayer, C. C. & A. L., architects, New Castle, Pa.
Thayer & Chandler, air brushes, 913 W. Van Buren, Chic., Ill.
Thayer & Co., machsts, 111 B'way, New York.
Thayer, E. M., & Co., chemicals, 411 Atlantic av, Boston, Mass.
Thayer, Ezra W., mill & facty. supplies—whol. hdwe., Phoenix, Ariz.
Thayer, Foss Co., patent lthr., 15 South, Boston, Mass.
Thayer Foundry Co., Atchison, Kan.
Thayer, Geo. A., automatic wood turnings, Watson, Mass.
Thayer, H. N., Co., children's carriages, Erie, Pa.
Thayer & Harmon, wood & valve handles, Ashfield, Mass.
Thayer, Henry & Co., chemicals, Cambridge, Mass.
Thayer, Hy. S., lumber, Ridgway, Pa.
Thayer, Horace H., Jr., landscape & naval architects, Drexel Bldg., Philadelphia, Pa.
Thayer Mfg. Co., machsts. & fndrs., Williamsburg, Mass.
Thayer, O. A., architect, 89 Franklin, Boston, Mass.
Thayer, O. C., & Son, masons' & bldrs.' matls., Erie, Pa.
Thayer, O. R., architect, 20 Montgomery, San Francisco, Cal.
Thayer, P. E., & Co., buffing wheels, cloth brushing machs., etc., Pawtucket, R. I.
Thayer School of Civil Engng., Dartmouth Coll., engng. school & coll., Hanover, N. H.
Thayer Supply Co., mill & facty. & plumbers' supplies—jobbers, Atchison, Kan.
Thayer, T. W., Co., machsts., sash, door & blind mfrs., 18 B'way, New York, & Cazenovia, N. Y.
Thayer & Thayer Mercantile Bldg., New Castle, Pa.
T. H. & B. Chemical Co., rubber substitutes, 500 1st, So. Boston, Mass.
The C. J. Deer Co., Homell, N. Y.
The Hammond Steel Co., Inc., Solvay, N. Y.
Theall, W. L., contractor, Newburgh, N. Y.
Theanoil Mfg. Co., belt dressing, 1334 Toronto, Philadelphia, Pa.
Theard & Reilly, architects, Perrin Bldg., New Orleans, La.
Theberge Bros., mason & bldrs.' matls., Lawrence, Mass.
Theiling Lothmann Mfg. Co., sash, door & blind mfrs., 3810 N. 9th, St. Louis, Mo.
Theis', Peter, Sons, marble, onyx, 636 1st av, New York.
Theise, Fred, Mfg. Co., rattan furniture, 176 Commercial, Boston, Mass.
Theiss, Henry, machinist, Columbiana, Ohio.
Thelen Bros., archl. iron, Syracuse, N. Y.
Themanson, A. W., domestic pumice, St. Joseph, Mo.
Theobold, Gustave A., contractor, 624 Spain, New Orleans, La.
Thermal Appliance Co., water heaters, 420 W. 27th, New York.
Thermal Syndicate (Ltd.), chemical app.—casseroles, crucibles, 50 E. 41st, New York.
Thermex Silencer Wks., marine mufflers, 6 Lewis, Boston, Mass.
Thermo Elec. Regulator Co., 151 W. 22nd, Chicago, Ill.
Thermo Mfg. Co., elec. cooking app., Cleveland, Ohio.
Thermograde Valve Co., heat regulators, 247 Atlantic av, Boston, Mass.
Thermoid Rubber Co., Trenton, N. J.
Theurer-Norton Provision Co., meat packers, 3136 W. 63d, Cleveland, O.
Theurer, Otto A., contractor, Watertown, Mass.
Thew Automatic Shovel Co., Lorain, Ohio.
Thibaut, Richard E., wall paper mfrs., 153 Madison av, New York.
Thibaut & Walker Co., varnish mfrs., 9th & West av, Long Island City, N. Y.
Thibodaux Boiler Works Co., Ltd., Thibodaux, La.
Thibodeaux Fdry., Thibodeaux, La.
Thief River Falls Iron Wks., machsts. & fndrs., Thief River Falls, Minn.
Thief River Falls Lbr. Co., Security Bk. Bldg., Minneapolis, Minn.
Thiele Constr. Co., Johnstown, Pa.
Thiele, E., clays, minerals, etc., 11 Cliff, New York.
Thiele, E. W., masons' & bldrs.' matls., Hanover, Kans.
Thiele, I. A., Co., tin plate, metals, etc., Evansville, Ind.
Thiele, L. C., Co., hot air furnaces, Indianapolis, Ind.
Thielman, C., contractor, Laurium, Mich.
Thiemeyer, J. H., Co., packing box mfrs., 901 S. Caroline, Baltimore, Md.
Thiene, P. G., architect, 112 W. 9th, Los Angeles, Cal.
Thiery & Kendrick Mfg. Co., machsts. & fndrs., 660 Franklin, Detroit, Mich.
Thies & Thies, architects, Davies Bldg., Dayton, Ohio.
Thiesen & Hildred Co., masons' & bldrs.' matls., Napoleon, O.
Thill, A. P. Co., plumbers' supplies, 1035 Putnam av, Brooklyn, N. Y.
Thilmany Pulp & Paper Co., Kaukauna, Wis.
Thines, Wm. B., architect, Commonwealth Bldg., Trenton, N. J.
Thinnes, Jacob, Jr., architect, 299 Madison av, New York.
Thissell, Horace A., architect, Clinton, Mass.
Thisslew, Chas., architect, 783 Milwaukee av., Chicago, Ill.
Thistle Fdry. & Mach. Co., Graham, Va.
Thistle Mfg. Co., clothes washing machines, 325 N. Curtis, Chicago, Ill.
Thistle Mills, cotton duck & canvas, Ilchester, Md.
Thistlewait Bros., sashes, doors & blinds, Beatrice, Neb.
Thistlewaite Lumber Co., Ltd., Washington, La.
Thlinket Packing Co., canned goods, Yeon Bldg., Portland, Ore.
Thode & Harvis, architects, 406 9th, Brooklyn, N. Y.
Thogmartin & Gardiner, contrs., Fort Scott, Kans.
Thom, John C. & Sons, architects & bldrs., 4523 Glenway av, Cincinnati, O.
Thoma, E., & Co., elec. fixture mfrs., Phoenix, Ariz.
Thoman, F., Milling Co., wheat flour, Lansing, Mich.
Thomas, A. C., Guthrie Construction Co., bldg. contr., Shubert Bldg., St. Paul, Minn.
Thomas, A. H., Paint Co., Waverly, N. Y
Thomas, Albright, Co., machsts., Goshen, Ind.
Thomas & Almquist, fndrs., Superior, Wis.
Thomas, Andrew J., architect, 2526 Webster av, New York
Thomas & Armstrong Co., cornices & skylights, London, O.
Thomas, Arthur H., Co. laboratory apparatus, W. Washington sq, Philadelphia, Pa.
Thomas, B. F., Lumber Co., Carthage, Mo.
Thomas & Betts Co., clamps, boxes, bushings, benders, etc., 63 Vesey, New York.
Thomas Bros., contractors, Peru, Ind.
Thomas Bros., canned goods, Elliston, Va.,
Thomas Bros., & Co., Ltd., masons' & bldrs.' matls., Hammond Bldg., Detroit, Mich.
Thomas & Brown, machinists & founders, New London, Wis.
Thomas, Buckwalter & Co., stove linings mfrs., Royersford, Pa.
Thomas, C. F., & Co., contrs., Louisville, Ky.
Thomas, C. M., architect, Clinton, Ind.
Thomas Canning Co., Grand Rapids, Mich.
Thomas Carbon Remover Co., 15 Railroad, Cortland, N. Y.
Thomas, Chas., stone prod., 1103 S. State, Syracuse, N. Y.
Thomas, Chas., machinist, Elmira, N. Y.
Thomas, Chauncey, & Co., carriages, Blandford, Boston, Mass.
Thomas, Churchman & Moliter, architects, 1309 Walnut, Philadelphia, Pa.
Thomas & Co., church & lodge furniture, wood carvers, Worcester, Mass.
Thomas Coupling Co., Erie, Pa.
Thomas, D. D., & Son, contractors, Memphis, Tenn.
Thomas, E. R., Motor Car Co., Buffalo, N. Y.
Thomas Elevator Co., electric hoists, etc., 20 South Hoyne, Chicago, Ill.
Thomas, F. A., Co., watchman's portable clocks, Wells Fargo Bldg., San Francisco, Cal.
Thomas, F. E., fishing rods, Bangor, Me.
Thomas, Frederick, architect, Gunther Bldg., Baltimore, Md.
Thomas Furnace Co., 740 Kinnickinnic av, Milwaukee, Wis.
Thomas, G. C., & Bros., stone producers, Waterloo, N. Y.
Thomas, G. E., cornices, Duquesne, Pa.
Thomas, G. H. A., Co., lumber, Broad & Poydras, New Orleans, La.
Thomas, G. H., & Co., canned goods, Farmington Falls, Me.
Thomas Grate Bar Co., Birmingham, Ala.
Thomas, H., sashes, doors & blinds, Columbia, S. C.
Thomas, H. D., & Son, contractor, New Albany, Ind.
Thomas, H. L., masons' & bldrs.' matls., Newman, Ill.
Thomas-Hammond Mach. Co., Tacoma, Wash.
Thomas Hardware Co., Suffolk, Va.
Thomas, Harlan, architect, Arcade Bldg., Seattle, Wash.
Thomas & Hobro Co., contractors, 340 Howard av, New Haven, Conn.
Thomas & Hughes, contractors, Utica, N. Y.
Thomas-Huycke Co., masons' & bldrs.' matls., Oliver, Ark.
Thomas, I. P., & Son Co., fertilizer mfrs., Drexel Bldg., Philadelphia, Pa.
Thomas Iron Co., founders, Hokendauqua, Pa.
Thomas, J., & Co., lumber, Rossville, Kan.
Thomas, J., & Son, masons' & bldrs.' matls., Topeka, Kan.
Thomas, Jacob, Co., wall paper mfrs., Newark, Del.
Thomas, Jas., fertilizer mfr., Williamsport, Pa.
Thomas, Jeffrey P., landscape architect, 615 6th, Watervliet, N. Y.
Thomas, John B., architect, Lakewood, N. J.
Thomas, John D., architect, Commonwealth Tr. Bldg., Phil., Pa.
Thomas, Jno. H., architect, Kellar Bldg., Louisville, Ky.
Thomas, Jno. Hudson, architect, 1st Natl. Bk. Bldg., Berkeley, Cal.
Thomas, John R., contractor, Wilkes-Barre, Pa.
Thomas, Jos., & Son, Masons' & bldrs.' matls., sash, door & blind mfrs., 826 Leadenhall, Baltimore, Md.
Thomas-Kinzey Lumber Co., Johnstown, Pa.

Thomas, L. H., Co., writing inks, paste, etc., W. Congress & S. Peoria, Chicago, Ill.
Thomas, Lee A., architect, Selling Bldg., Portland, Ore.
Thomas, Lewis W., architect, Pythian Bldg., Cleveland, Ohio.
Thomas, M. O., contractor, Sedalia, Mo.
Thomas Mach. Co., Keokuk, Ia.
Thomas Mach. Co., shears, Elmira, N. Y.
Thomas Mfg. Co., chalk mfrs., Baltimore, Md.
Thomas Mfg. Co., talking machines, motors & parts, Dayton, O.
Thomas Mfg. Co., agricultural implements, Springfield, Ohio.
Thomas Milling Co., flour, Marion, Ind., & Thomas, Okla.
Thomas-Morse Aircraft Co., aeronautical motors, Ithaca, N. Y.
Thomas Moulding Brick Co., 1203 Chamber of Commerce, Chicago, Ill. *See adv index at end of book.*
Thomas, N. O., brick, Center, Tex.
Thomas-Ogilvie Hardware Co., Shreveport, La.
Thomas, Oscar G., Co., machsts. & fndrs., Taunton, Mass.
Thomas, Otto, architect, 354 Fulton, Jamaica, N. Y.
Thomas, Peter, Co., account registers & stamping wks., Canton, Ohio.
Thomas, Philip, Sons Co., lbr. mfrs., 1621 Kemble, Utica, N. Y.
Thomas Pineapple Co., canned, Honolulu, Hawaii.
Thomas & Proetz Lbr. Co., Hall & Angelrodt, St. Louis, Mo.
Thomas, R. N., Co., pegs—husking, Shenandoah, Iowa.
Thomas, R., & Sons Co., porcelain spec., insulators, East Liverpool, Ohio.
Thomas, Rees, masons' & bldrs.' matls., Sumas, Wash.
Thomas, Roberts, Stevenson Co., furnaces & ranges, American & Dauphin, Philadelphia, Pa.
Thomas, Roy L., architect, Scarborough Bldg., Austin, Tex.
Thomas, S. C., canned goods, Weems, Va.
Thomas, Seth, Clock Co., candlesticks, clocks & metronomes, Thomaston, Conn.
Thomas Slate Co. (Ltd.), roofing slate mfrs., Slatedale, Pa.
Thomas Spacing Machine Co., spacing tables, Fulton Bldg., Pittsburgh, Pa.
Thomas Stationery Mfg. Co., Springfield, Ohio.
Thomas Steel Reinforcement Co., concrete reinfg. matls., Armon & M. C. R., Detroit, Mich.
Thomas, T., & Co., door & house locks & knobs, 28 Mechanic, Newark, N. J.
Thomas & Turner, contractors, Knoxville, Tenn.
Thomas, Tysilio, architect, Short Hills, N. J.
Thomas, W. A., architect, Park Bldg., Pittsburgh, Pa.
Thomas, W. B., architect, Stockton, Cal.
Thomas, W. F., machsts., Connell, Wash.
Thomason, W. J., lumber, Vivian, La.
Thomas, W. W., & Co., kainit, 15 Whitehall, New York.
Thomas, W. & W. E., flour, Milford, N. J.
Thomas, Wm. E., & Co., yacht sails, spray hoods, etc., 42 South, New York.
Thomas, Wm. F., contractor, Hazleton, Pa.
Thomaston Cotton Mills, Thomaston, Ga.
Thomaston Knife Co., pocket knives, Thomaston, Conn.
Thomaston Mfg. Co., screw machine products, Thomaston, Conn.
Thomasville Fertilizer Co., Thomasville, Ga.
Thomasville Iron Works, posts, Thomasville, Ga.
Thomasville Mill & Storage Co., fertilizer mfs., Thomasville, Ala.
Thomasville Spoke Wks. Co., Thomasville, N. C.
Thomasville Stone & Lime Co., Thomasville, Pa.
Thomasville Veneer & Panel Co., Thomasville, N. C.
Thompkin & Beyers, masons' & bldrs.' matls., Hastings-Upon-Hudson, N. Y.
Thompson, A., & Co., flour mills, Trenton, N. J.
Thompson, A. D., Co., contrs., Peoria, Ill.
Thompson, A. J., Stone Co., Ellettsville, Ind.
Thompson, A. K., architect, North Yakima, Wash.
Thompson, Albert N., & Co., lumber, Memphis, Tenn.
Thompson, Albert T., & Co., arc lamps, reflectorscopes, etc., 15 Tremont pl, Boston, Mass.
Thompson & Alexander, contrs., White Plains, N. Y.
Thompson, B., contr., Tampa, Fla.
Thompson, B. N., Co., lumber, 620 Lbr. Ex., Minneapolis, Minn.
Thompson Balance Co., Denver, Colo.
Thompson-Bonney Co., woven wire brushes & machy. dlrs., 18 Henry, Brooklyn, N. Y.
Thompson Bottle Co., Gas City, Ind.
Thompson Bros., canned goods, Cabool, Mo., & East Haddam, Conn.
Thompson Bros., steam htg. contrs., 125 W. 5th, Phila., Pa.
Thompson Bros., machinists, 625 Brannan, San Francisco, Cal.
Thompson Bros. Canning Co., Marshfield, Mo.
Thompson Bros. Co., cornices & skylights, Muscatine, Ia.
Thompson Bros., contrs., Atlantic City, N. J.
Thompson Bros. Lbr. Co., Trinity, Tex.
Thompson, C. C., & Co., alfalfa meal, 43 S. 11th, Newark, N. J.
Thompson, C. C., Pottery Co., East Liverpool, Ohio.
Thompson, Chas., brick, Painesville, Ohio.
Thompson, Chas. L., architect, Little Rock, Ark.
Thompson & Chute Soap Co., Toledo, Ohio.
Thompson Co., mill & facty. supplies, 301 W. 126th, New York.
Thompson & Co., oil well supplies, Mount Jewett, Pa.
Thompson & Co., paints, 1111 Galveston av, N. S., Pittsb'h, Pa.
Thompson Co., traps (fly), Red Oak, Ia.
Thompson & Dederick & Co., machsts. & fndrs., Batson, Tex.
Thompson, Durkee Co., plumbers' supplies, jobbers, 92 High, Boston, Mass.
Thompson, Dwight, lumber, House Bldg., Pittsburgh, Pa.
Thompson, E. J., architect, Hornell, N. Y.
Thompson, E. J., Co., auto. metal bodies, Forbes & Field, Pittsburgh, Pa.
Thompson, E. M., granite, Fitzwilliam Depot, N. H.
Thompson, E. R., architect, 524 Belmont av, Youngstown, Ohio.
Thompson, Edw., masons' & bldrs.' matls., 916 Thayer, New Orleans, La.
Thompson Elec. Clock Co., Memphis, Tenn.
Thompson Elec. Co., cut-out hangers, 5606 Euclid, Cleveland, O.
Thompson Emery Mach. & Supply Co., 235 E. 41st, New York.
Thompson, F. A., & Co., fumigators, 532 Trombley av, Detroit, Mich.
Thompson, Ferd, & Co., shoe blacking, Rockland, Mass.
Thompson & Fleith Lbr. Co., Wausau, Wis.
Thompson Floor Co., 2209 Sutter, San Francisco, Cal.
Thompson Francis Stove Co., Gallipolis, Ohio.
Thompson, Fred'k A., architect, Y. M. C. A. Bldg., Portland, Me.
Thompson, Fdk. W., Co., sash, door & blind mfrs., Norwalk, Conn.
Thompson, G. A., & Sons, packing box mfrs., Hurlock, Md.
Thompson, G. Kramer, architect, 101 Park av, New York.
Thompson, Geo. I., & Co., contractors, Clearfield, Pa.
Thompson, Geo. T., masons' & bldrs.' matls., Canandaigua, N. Y.
Thompson Grinder Co., Springfield, Ohio.
Thompson, H. C., Clock Co., machsts., Bristol, Conn.
Thompson, H. D., & Co., masons' & bldrs.' matls., whol. hdwe., Malone, N. Y.
Thompson, H. G., & Son Co., hack saw blades & metal cutting machinery mfrs., New Haven, Conn.
Thompson Hardware Co., 608 1st av, N., Minneapolis, Minn.
Thompson Hardware Co., Lowell, Mass.
Thompson, Hervey, machsts, 233 B'way, New York.
Thompson & Hoague Co., mill & facty. supplies, whol. hdwe., Concord, N. H.
Thompson, Hubman & Fisher, lumber mfrs., North Tonawanda, N. Y.
Thompson, Hugh, Broom Corn Co., 920 W. 8th, Kansas City, Mo.
Thompson Iron Wks., range boilers, 1825 Callowhill, Phila., Pa.
Thompson, J. A., sashes, doors & blinds, Taylor, Tex.
Thompson, J. B., distiller, Harrodsburg, Ky.
Thompson, J., & Co., machsts. & fndrs., Van Horn & Sophia, Philadelphia, Pa.
Thompson, J. D., & Co., cornices & skylights, Washington, D. C.
Thompson, J., Francis, architects, Mass. Bldg., Kansas City, Mo.
Thompson, J. L., lumber, Lyons, Ga.
Thompson, J. P., contractor, 204 Goffe, New Haven, Conn.
Thompson, J. & S. S., masons' & bldrs.' matls., Elizabeth, N. J.
Thompson, J., & Sons, brick, Fortuna, Cal.
Thompson, J. W., contrs., Boatmen's Bank Bldg., St. Louis, Mo.
Thompson, Jas., lbr., Hookset, N. H.
Thompson, Jas. A., cloth boards, boxes, Lowell, Mass.
Thompson, Jas., & Co., bags, book cloth, twine, etc., 112 Prince, New York.
Thompson, Jas., & Sons, masons' & bldrs.' matls., Bay, Stapleton, N. Y.
Thompson, John A., canned goods, Freeport, Me.
Thompson, Jno. D., Jr., architect, Ford Bldg., Wilmington, Del.
Thompson, John L., Son & Co., plate glass, Troy, N. Y.
Thompson, John N., contractor, New Rochelle, N. Y.
Thompson, Jos. F., lumber, West Townsend, Mass.
Thompson, Jos. P., contractor, 46 Smith ter, Stapleton, N. Y.
Thompson, Jos., & Son, stone, Englewood, N. J.
Thompson, L. A., Scenic Railway Co., 220 W. 42d, New York.
Thompson, L. C., whol. hdwe., Pottsville, Pa.
Thompson, Leon C., brooms, Concord, N. H.
Thompson-Levering Co., elec. instruments, Philadelphia, Pa.
Thompson, Lewis & Co., lumber, N. American Bldg., Phila., Pa.
Thompson, Lewis I., architect, Central Bldg., Portland, Ore.
Thompson & Libby, heaters, Lynn, Mass.
Thompson & McAtee, carriages, Maysville, Ky.
Thompson, M. G., architect, Muncie, Ind.
Thompson Mfg. Co., lawn sprinklers, etc., 2468 E. 8th, Los Angeles, Cal.
Thompson Mfg. Co., mill & facty. supplies, Lancaster, N. H.
Thompson Mfg. Co., plumbers' wood work, Holland, Mich.
Thompson & Matthews Co., contractors, Red Bank, N. J.
Thompson-Miler Hardware Co., Charleston, S. C.
Thompson Milling Co., flour, cereal foods, Lockport, N. Y.
Thompson & Moseley, contractors, Greensboro, N. C.
Thompson, N. E., architect, Columbia Bldg., Spokane, Wash.
Thompson & Norris Co., corrugated paper mfrs., Concord & Prince, Brooklyn, N. Y.
Thompson, O. E., & Sons, agricultural implements & masons' & bldrs.' matls., 400 River, Ypsilanti, Mich.
Thompson Oil Mill Co., Hawkinsville, Ga.
Thompson, P. H., machinery, Salisbury, N. C.
Thompson Plow & Engine Wks., agrl. implements, Beloit, Wis.
Thompson, R. M., flour mills, Bethpage, Tenn.
Thompson, R. R., Co., bronze powder, 38 W. 32d, New York.
Thompson, Richard, & Co., grate bar mfrs., regulators, cleaners, etc., 126 Liberty, New York.
Thompson, S. B., & Co., granite producers, Fitzwilliam Depot, N. H.
Thompson, S. M., flour (buckwheat), Chilhowee, Mo.
Thompson-Starrett Co., contrs., 49 Wall, New York.

Thompson, T. C., & Bros., contractors, Charlotte, N. C.
Thompson, T. H., veneer, Milan, Ind.
Thompson, T., Mfg. Co., lightning rods, Brighton, Ia.
Thompson, T. W., flour mills, Knoblick, Ky.
Thompson, Thos. C., enamels, Wilmette, Ill.
Thompson, Thos. S., architect, Carbondale, Ill.
Thompson & Thompson, architects, Mut. Life Bldg., Seattle, Wash.
Thompson & Tucker Lumber Co., Houston, Tex.
Thompson Type Machine, 233 W. Erie, Chicago, Ill.
Thompson, W. A. L., Hardware Co., contrs. tools, Topeka, Kans.
Thompson, W. F., architect, 971 S. Westmoreland av, Los Angeles, Cal.
Thompson, W. H., lumber mfrs., Eastman, Ga.
Thompson, Wade, & Co., lumber mfrs., Scottsville, Ky.
Thompson, Walter I., & Son Co., contractors, 6110 Euclid av, Cleveland, Ohio.
Thompson, Walter M., mill & facty. supplies, 1427 Plum, Cincinnati, Ohio.
Thompson, Warner R., sand & gravel producers, Detroit, Mich.
Thompson, Wm. E., & Son, contractors, Anderson, Ind.
Thompson, Wm. R., contr., 825 Marcey av, Brooklyn, N. Y.
Thompson & Wills, brick mfrs., Royersford, Pa.
Thompson's, C. M., Sons, machsts., Lexington, N. C.
Thompson's Carbolic Soap Co., sheep dips, 46 Eagle, Brooklyn, N. Y.
Thompson's, Sam'l, Nephew & Co., burlap, 142 Duane, New York.
Thomsen Planing Mill Co., sash, door & blind mfrs., 1700 Vandeventer av, St. Louis, Mo.
Thomsen Chemical Co., Race & Winder, Baltimore, Md.
Thomsen, Fred'k W., architect, 1949 Seminary av, Chicago, Ill.
Thomsen & Smith, architects, Southern Express Bldg., Memphis, Tenn.
Thomsens, T. J., Foundry, Duluth, Minn.
Thomson, A. H., architect, 222 Market, Newark, N. J.
Thomson, A. H., & Son, masons' & bldrs.' matls., Coshocton, O.
Thomson, Alex., boilermakers' tools, Fitchburg, Mass.
Thomson Bridge Co., 103 Main, San Francisco, Cal.
Thomson-Diggs Co., whol. hdwe., Sacramento, Cal.
Thomson Drop Forge Co., chisels, forgings, etc., Plantsville, Conn.
Thomson Electric Welding Co., 161 Pleasant, Lynn, Mass.
Thomson, Frank K., architect, Raleigh, N. C.
Thomson, G., & Son Co., contractors, 30 N. La Salle, Chicago, Ill.
Thomson & Graves, architects, Hammond, Ind.
Thomson, H. B., architect, Southwestern Life Bldg., Dallas, Tex.
Thomson, J. & A., heating contractors, 1232 W. 11th, Cleveland, Ohio.
Thomson, John B., architect, Connell Bldg., Scranton, Pa.
Thomson, Jos., Press Co., Nott av, Long Island City, N. Y.
Thomson, Judson L., Mfg. Co., rivet mfrs.. etc., Waltham, Mass.
Thomson, L., & Co., lumber mfrs., Albany, N. Y.
Thomson Machine Co., Belleville, N. J.
Thomson Machine Co., jigs, machsts., etc., Canton, Ohio.
Thomson Mfg. Co., bow rests, Watertown, Mass.
Thomson Meter Co., water meters, 110 Bridge, Brooklyn, N. Y.
Thomson, Robert, & Co., architects, 704 Carrie, & 607 Pope av, St. Louis, Mo.
Thomson, S. H., Mfg. Co., hdwe. mfrs., Dayton, Ohio.
Thomson Spot Welder Co., Cincinnati, Ohio.
Thomson, Theo. S. (Est. of), ties, poles, etc., Thompsontown, Pa.
Thomson, Volney, carriages, Center Montville, Me.
Thomson, W. H., & Co., steel struct. dlrs., Land Title Bldg., Philadelphia, Pa.
Thomson Wood Finishing Co., paint mfrs.. 837 N. 3rd, Philadelphia, Pa. *See adv index at end of book.*
Thomson, W. S., machst., 418 W. 27th, New York.
Thonet Bros., revolving chairs, 43 W. 36th, New York.
Thorburn, J. M., & Co., fertilizer mfrs., 53 Barclay, New York.
Thorburn, Thos., bldg. contr., Duluth, Minn.
Thordarson Electric Mfg. Co., transformers, coils, magnets, igniters, etc., 501 S. Jefferson, Chicago, Ill.
Thoresen, Wm., sheet metal ornaments, 1916 W. North av, Chicago, Ill.
Thorkildsen-Mather Co., acid, borax, saltpetre, etc., Harris' Trust Bldg., Chicago, Ill.
Thorman, O. H., & Co., archts., 1st Natl. Bk. Bldg., El Paso, Tex.
Thormann, Jno. H., & Co., contractors, 530 W. Barre, Baltimore, Md.
Thorn Cement Co., Prudential Bldg., Buffalo, N. Y.
Thorn, J. S., Co., sheet metal ornaments, ventilating apparatus, etc., 20th & Allegheny av, Philadelphia, Pa.
Thorn, Louis F., architect, 18 S. Broadway, Yonkers, N. Y.
Thorn, W. W., contractor, St. Clair, Pa.
Thornburgh Mfg. Co., machinists—agricultural implements, Bowling Green Ohio.
Thorndike Co., cotton duck, etc., Thorndike, Mass.
Thorndike Co., tickings, Boston, Mass.
Thorndike & Hix, canned goods, Rockland, Me.
Thorne, Edwin C., architect, 321 W. 3d, Los Angeles, Cal.
Thorne, H. K., architect, Devon, Pa.
Thorne Hold-Fast Metal Bar Co., store front construction, Troy, N. Y.
Thorne, W. K., contr., Coatesville, Pa.
Thornhill Bros., masons' & bldrs.' matls., Xenia, Ohio.
Thornhill, J. H., contractor, Winchester, Ind.
Thornhill Wagon Co., Lynchburg, Va.
Thornton Bros. & Co., canned goods, Springboro, Pa.
Thornton Bros. Co., contractors, 1320 Findlay av, New York.
Thornton-Clancey Lbr. Co., 2315 Elston av., Chicago, Ill.
Thornton, E. A., Lumber Co., box shooks, 11 S. La Salle, Chicago, Ill.
Thornton Fire Brick Co., Clarksburg, W. Va.
Thornton & Ginder, contrs., Arcola, Ill.
Thornton, H. N., Co., contractors, 376 E. 7th, S., Salt Lake City, Utah.
Thornton, John, Jr., harness awls, needles, 108 Worth, New York.
Thoroughgood & Co., lumber, Janesville, Wis.
Thoroughgood Co., masons' & bldrs.' matls., Georgetown, Del.
Thorp, A., & Son, Crate Co., Roseville, Ohio.
Thorp, Alfred H., Esq., archt., Seabright, N. J.
Thorp Fire Proof Door Co., 1600-1610 Central av, Minneapolis, Minn.
Thorpe, J. F., & Son, contrs., 525 Market, San Francisco, Cal.
Thorpe, Richard, Co., cotton damasks, 1657 Meadow, Philadelphia, Pa.
Thourot, Paul, machst., 559 W. 36th, New York.
Thrasher, R. H., canned goods, Springwood, Va.
Thread Agency, 260 W. Broadway, New York.
Thread Tight Co., pipe joint cements, compounds & paste, 288 Bowery, New York.
Threadcraft, E. C., matresses, Norfolk, Va.
Threading Machine Co., pipe threading machines, Sandusky, O.
Threadless Pipe Fitting Co., Greene & Columbia, Newark, N. J.
Three Forks Portland Cement Co., Denver, Colo.
Three-In-One Oil Co., lubrg., 165 Broadway, New York.
Three Rivers Brass Wks., Three Rivers, Mich.
Three Rivers Iron & Metal Co., scrap iron & steel, Three Rivers, Mich.
Three Rivers Packing Co., meat packers, Three Rivers, Mich.
Three Rivers Paper Co., Phoenix, N. Y.
Three Rivers Railway Supply Co., machsts. & fndrs., Three Rivers, Mich.
Three Star Slide Co., lantern slide mfrs., 443 South Dearborn, Chicago, Ill.
Three States Cedar Co., 1102 Plymouth Bldg., Minneapolis, Minn.
Three States Lumber Co., Memphis, Tenn.
Threefoot Bros. & Co., fertilizer & harness mfrs., Meridian, Miss.
Threewit, Benj. F., masons' & bldrs.' matls., Denver, Colo.
Thresher Varnish Co., Dayton, Ohio.
Throm, Chas. F., trough mfr., Toledo, Ohio.
Throne, H. E., architect, Hubbell Bldg., Des Moines, Ia.
Throop College of Technology, engng. schools & coll., Pasadena, Cal.
Throop-Martin Co., sash, door & blind mfrs., 139 E. Chestnut, Columbus, Ohio.
Thropp, Jos. E., blast furnaces, etc., Earlston, Pa. (P. O. Everett, Pa.)
Thropp, Wm. R., & Sons' Co., rubber machy., etc., Trenton, N. J.
Thropp's, Jno. E. Sons Co., rubber mill, cement, etc., machy., ft. of Lewis, Trenton, N. J. *See adv index at end of book.*
Thrower, D. E., lumber, Ridgeville, S. C.
Thrush, E. H., lumber, Camas Valley, Ore.
Thrush, Perry R., contractor, Lemcke Bldg., Indianapolis, Ind.
Thrush & Stough, carriages, Shippensburg, Pa.
T. & H. Supply Co., advtg. spec., Oneida, N. Y.
Thuener, Chas., Planing Mill Co., sash, door & blind mfrs., Prairie & Lucky, St. Louis, Mo.
Thum, Chas. D., brushes, boiler cleaners, etc., 150 N. 3d, Philadelphia, Pa.
Thum, O. & W., Co., fly paper, Grand Rapids, Mich
Thumb, E. W., carriage top dressing, floor oils, etc., 872 Orleans, Chicago, Ill.
Thurgood, C. L., architect, 410 Main, Evansville, Ind.
Thurlow Steel Works, iron forgings, Chester, Pa.
Thurman, J. C., contractor, El Monte, Cal.
Thurman, L. L., & Co., architects, Andrews Bldg., Dallas, Tex.
Thurman Mfg. Co., knitted gloves, bathing suits, sweaters, etc., 427 Ashmead, Philadelphia, Pa., & Madera, Cal.
Thurman Vacuum Cleaner Co., Pontiac Bldg., St. Louis, Mo.
Thurmond Bros., flour, Forsyth, Ga.
Thurnauer, G. M. Co., gas burner tips, carpet & egg beaters, brushes, etc., 6 E. 20th, New York.
Thurnauer, Otto, gas lamps, etc., 28 W. 22nd, New York.
Thurner, Jos. J., contractor, 798 Crescent, Long Island City, N. Y.
Thurstin, Wilber G., architect, The Spitzer Bldg., Toledo, Ohio.
Thurston, A. G., & Son, mchsts., Fall River, Mass.
Thurston & Braidich, tragacanth imports, 27 Cliff, New York.
Thurston Bros., coffins, etc., So. Union, Me.
Thurston & Co., contractors, 57 Post, San Francisco, Cal.
Thurston, F. W., Co., enamels, floor polish, paints, varnishes, etc., 1832 S. Clark, Chicago, Ill.
Thurston, H. T., Co., machsts., Boothbay Harbor, Me.
Thurston & Hale, cornices & skylights, Rockport, Mass.
Thurston & Haskell, contractors, Elmira, N. Y.

Thurston Mfg. Co., machinery & tool mfrs., 140 Benedict, Providence, R. I.
Thurston, Oscar, masons' & bldrs.' mtls., Darby, Pa.
Thurtell, B. W., steam traps, 22 Quincy, Chicago, Ill.
Thurtle, Jno. G., architect, Ridge bldg., Kansas City, Mo.
Thurton, J. K., contractor, 101 Park av, New York.
Thurwachter, L. L., & Sons, clothes baskets, 215 W. Fayette, New York.
Thwing Instrument Co., pyrometers & electric testing instruments, 33rd & Lancaster av, Phila., Pa.
Thye, John, contractor, Burlington, Ia.
Thym Cut Stone Co., Brannon av & Odell, St. Louis, Mo.
Tibbets Pacific Co., contractors, 16 California, San Francisco, Cal.
Tibbett & Hayes, lumber mfrs., East Rochester, N. H.
Tibbits-Cameron Lumber Co., Milwaukee, Wis.
Tibbits, Chas. H., masons' & bldrs.' matls., Portchester, N. Y.
Tichenor, F. C., Gear Works, Peoria, Ill.
Tickell, Jos., & Son, fndrs., Vicksburg, Miss.
Tickle, Arth., mchst. & fndr., 21 Delevan, Bklyn., N. Y.
Ticonderoga Machine Works, Ticonderoga, N. Y.
Ticonderoga Pulp & Paper Co., 200 5th av, New York.
Tideman Elec. Mfg. Co., Menominee, Mich.
Tide-Water Bldg. Co., 16 E. 33rd, New York.
Tidewater Coal & Coke Co., Vivian, W. Va.
Tidewater Iron Works, machsts., Hoboken, N. J.
Tidewater Oil Co., 11 B'way, New York.
Tidewater Paper Mills Co., 32 33d, Brooklyn, N. Y.
Tidewater-Portland Cement Co., 957 Calvert Bldg., Baltimore, Md.
Tidewater Stencil Works, Norfolk, Va.
Tidewater Supply Co., machinery dealer, Norfolk, Va.
Tidey, F. W., saw benches or tables, Irvington, N. J.
Tidey, M. B., machy. dealer, 80 Warren, Newark, N. J.
Tidlow, Cliff, architect, Lockhaven, Pa.
Tie Co., tying devices, hooks, knives, etc., Unadilla, N. Y.
Tiebout, C. H., & Sons, hardware mfrs., 31 Grand, Brklyn., N. Y.
Tiebout, W. & J., hardware mfrs., 118 Chambers, New York.
Tiedeken, Theo. C., & Bro., carriages, Camden, N. J.
Tiedemann, Chas., Milling Co., flour, O'Fallon, Ill.
Tiedt & Markthaler, interior hardwood work, 506 Col. av, New York.
Tiemann, Geo., & Co., surgical instruments, 107 Park row, New York.
Tiemeyer, John H., Jr., architect, 17 W. 44th, New York.
Tiernan, Luke, cornices, 1019 Chestnut, St. Louis, Mo.
Tierney Bros., scarp iron & steel, Streator, Ill.
Tierney, Patrick J., milk wagons, New Rochelle, N. Y.
Tietig & Lee, architects, Fourth Nat'l Bk. Bldg., Cincinnati, O.
Tietjen & Lang Dry Dock Co., machinists, Hoboken, N. J.
Tifal Bros., archts., Black Bldg., Los Angeles, Cal.
Tiffaney, R. E., architect, Carbondale, Pa.
Tiffany & Co., machinists, 5th av & 37th, New York.
Tiffany & Conrad, architects, Phelps Bk. Bldg., Binghamton, N. Y.
Tiffany Elec. Mfg. Co., self winding clocks, Ellicott sq, Buffalo, N. Y.
Tiffany, Eli J., textile machy., Bennington, Vt.
Tiffany Enamel Brick Co., Momence, Ill.
Tiffany Machine Shop, Poughkeepsie, N. Y.
Tiffany Motor Co., West New York, N. J.
Tiffany & Pickett Co., lumber, Winsted, Conn.
Tiffany Studios, archl. modelers & sculptors, 361 Madison av, New York.
Tiffany's Carriage Works, San Diego, Cal.
Tiffin Art Metal Co., 20 Broad, Tiffin, O.
Tiffin Brick Co., Tiffin, Ohio.
Tiffin Mfg. Co., church furniture, Tiffin, Ohio.
Tiffin Wagon Co., Tiffin, Ohio.
Tifft Constr. Co., 94 Leslie, Buffalo, N. Y.
Tift, H. H., mill & facty. supplies, Tifton, Ga.
Tift Silica Brick & Stone Co., Tifton, Ga.
Tifton Guano Co., Tifton, Ga.
Tiger Drill Mfg. Co., machsts., Beaver Dam, Wis.
Tiger, Ellis, Co., masons' & bldrs'. matls., Gladstone, N. J.
Tiger-Shoals Milling Co., flour, fertz. mfrs., Wellford, S. C.
Tiger Vehicle Co., carriages, Freeport, Ill.
Tigerton Lumber Co., Tigerton, Wis.
Tighe, John J., mchst. & fndr., 150 25th, Bklyn., N. Y.
Tight Joint Co., machsts., 310 E. 47th, New York.
Tilden, Frank W., machst. & fndr., Hinsdale, N. H.
Tilden, Geo. T., archt., 55 White, Milton, Mass.
Tilden, Guw, & Son, architects, Canton, O.
Tilden & Register, architects, 1713 Sansom, Philadelphia, Pa.
Tileine Universal Flooring Co., 437 W. 33d, New York.
Tileston & Hollingsworth Co., paper & pulp mills, 49 Federal, Boston, Mass.
Tiley-Pratt Co., openers, knives, cutters (paper), Essex, Conn.
Tilghman-Brooksbank Sand Blast Co., sand blast machine & equipment, 1120 S. 11th, Philadelphia, Pa.
Tilghman Canning Co., Tilghman, Md.
Tilghman Packing Co., Tilghman, Md.
Tilghman, W. B., Co., lumber & fertilizer mfrs., Salisbury, Md.
Tilk, Frank, Orna, Iron Works, 211 W. 19th, Kansas City, Mo.
Tillack & Foster, architects, 150 Nassau, New York.
Tiller, Geo. W., contractor, Richmond, Va.
Tiller-Glenn Co., fertilizer, Carlton, Ga.
Tiller, W. T., & Co., fertilizer mfrs., Emporia, Va.
Tillery, J. F., Iron Co., scrap iron, Knoxville, Tenn.
Tilley, Harry H., dock bldrs., 258 E. 138th, New York.
Tilley, Jno. S., Ladders Co., Watervliet, N. Y.
Tillinghast, B. D., machsts., McDonald, Pa.
Tillinghast, L. H., Supply Co., plumbers' supplies—jobbers, 162 Dorrance, Providence, R. I.
Tilion, P., & Son, archts., 280 Madison av, New York.
Tillion, Philemon, architect, 381 Fulton, Brooklyn, N. Y.
Tillman Bros., mattresses, La Crosse, Wis.
Tillmann, E., electro plating, 197 Grand, New York.
Tillotson Humidifier Co., textile machy., 78 Fountain, Providence, R. I.
Tillotson Mfg. Co., carbureters, Toledo, O.
Tilson Mfg. Co., pail clasps, Malden, Mass.
Tilton, B., machst. & fndr., Prescott, Ariz.
Tilton Bros., cornices & skylights, Portland, Ore.
Tilton, Chas. P., contractor, Atlantic City, N. J.
Tilton & Cherry, carriages, Keyport, N. J.
Tilton, Edward L., archt., 52 Vanderbilt av, New York.
Tilton, Edward L., architect, Manchester, N. H.
Tilton, John Neal, architect, 228 S. La Salle, Chicago, Ill.
Tilton Mills, belting mfrs.—solid cotton, Tilton, N. H.
Tilton Optical Co., Tilton, N. H.
Tilton, Wm. A., architect, 76 Montgomery, Jersey City, N. J.
Tim, Jno, W., & Son, umbrellas, 633 Penn av, Pittsburgh, Pa.
Timberlake, J. B. & Sons, brackets, hangers, racks, etc., Jackson, Mich.
Timken-Detroit Axle Co., roller bearings, Clark av, Detroit, Mich.
Timken Boiler Bearing Co., automotive vehicle bearings, Canton, Ohio.
Timm, C. G., poultry coops, Osceola, Neb.
Timme, E. A., & Son, stencils, Worcester, Mass.
Timmer, Bert, contractor, Grand Rapids, Mich.
Timmerman, P. V. R., masons' & bldrs., matls., Catskill, N. Y.
Timmerman, W. A., brick, Dayton, Ohio.
Timmis & Chapman, architect, 315 5th av, New York.
Timmis & Clissold, fillet, letters & figures.—pattern, etc., Bound Brook, N. J.
Timmins Mach. Works, Lexington, Ky.
Timmons, H. D., Lbr. Co., Waxahachie, Tex.
Timmons Lumber Co., Springfield, Mo.
Timmonsville Oil Co., fertz. mfrs., meal, Timmonsville, S. C.
Timms, Cress & Co., masons' & bldrs.' matls., 184 2nd, Portland, Ore.
Timms, S. R., flour, Pendleton, S. C.
Timms, Thos. L., contractor, 253 6th av., Salt Lake City, Utah.
Tin Decorating Co., boxes, Boston & Linwood av, Baltimore, Md.
Tindall, Chas. H., & Son, contractors, 614 Tatnall, Wilmington, Del.
Tindall, Roscoe C., architect, Equitable Bldg., Wilmington, Del.
Tindall, Wm. S., contractor, 511 W. 9th, Wilmington, Del.
Tindel-Morris Co., milling machs., Eddystone, Pa.
Tingley, C. Wallace, stone, 720 31st, Milwaukee, Wis.
Tingley, Chas. O., & Co., carriage dressing, Rahway, N. J.
Tingley & Co., granite, 215 W. Exch., Providence, R. I.
Tingley, Frank E., plate glass, sash, door & blind mfr., Pawtucket, R. I.
Tingue, Brown & Co., felt mills, 118 E. 25th, New York.
Tingue Mfg. Co., plushes, Seymour, Conn.
Tinker, F., & Sons Co., forged steel rolls, 5687 Butler, Pittsburgh, Pa.
Tinkhan, C. O., bean cleaners, Akron, N. Y.
Tinlek, E. W., brass fndrs., Watertown, N. Y.
Tinley Bros. Co., sash, door & blind mfrs., Brush & Nanticoke, Baltimore, Md.
Tinnerman Stove & Range Co., machsts. & fndrs., 2038 Fulton rd., Cleveland, O.
Tinsley Ry. Supplies & Equipment Co., McCormick Bldg., Chicago, Ill.
Tinsley, S. P., architect, Spartansburg, S. C.
Tinsman, M. L., & Co., slate blackboards, Pen Argyl, Pa.
Tioga Mill & Elev Co., cattle & poultry feed, Waverly, N. Y.
Tioga Steel & Iron Co., forgings, Philadelphia, Pa.
Tiona Oil Co., lubrg., Binghamton, N. Y.
Tiona Oil & Grease Co., 1702 N. Charles, Baltimore, Md.
Tiona Refining Co., lubrg. oils, Indianopolis, Ind.
Tipless Lamp Co., Emporium, Pa.
Tipp Whip Co., Tippecanoe City, Ohio.
Tippett & Wood, steel tank mfrs., Phillipsburg, N. J.
Tippins, A. L., turpentine, Daisy, Ga.
Tippins, John N., turpentine, Altamaha, Ga.
Tips Fdry. & Mach. Co., Austin, Tex.
Tips Hardware Co., wholesale, San Antonio, Tex.
Tips, Walter, Co., masons' & bldrs.' matls.—whol. hdwe., Austin, Tex.
Tipton Cotton Mills, cotton sheetings, Covington, Tenn.
Tipton Farmer Canning Co., Tipton, Ia.
Tipton, Griffin & Tipton, fertilizer mfrs., Troup, Tex.
Tipton Hardware Co., Tipton, Ia.
Tipton & Mackey Mfg. Co., htg. contrs., 4948 Easton av, St. Louis, Mo.
Tirrell & Fournier, architects, 44 Bromfield, Boston, Mass.
Tirrill Gas Mach. Lighting Co., 103 Park av, New York.
Tischer, G. W., Co., whol. hdwe., Dayton, Ohio.
Tisdale Lumber Co., Ottumwa, Ia.
Tish, W. S., contractor, Coshocton, Ohio.
Tissier Hdw. Co., Selma, Ala.

Tisslers Hdwe. Co., mill & facty. supplies, Selma, Ala.
Titan Copper Products Co., 90 Arthur, Buffalo, N. Y.
Titan Metal Co., bronze rods, etc., Bellefonte, Pa.
Titan Truck Co., 25th, Milwaukee, Wis.
Titanium Alloy Mfg. Co., Niagara Falls, N. Y.
Titanium Bronze Co., Inc., Niagara Falls, N. Y.
Titchener-Culver Iron Wks., machsts. & fndrs., Oneonta, N. Y
Titchener, E. H., & Co., wire workers, etc., Binghamton, N. Y.
Titeflex Metal Hose Corp., Badger av & Runyon, Newark, N. J.
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Tittle, C. L., htg. contrs., Blairsville, Pa.
Titus & Bowne, masons' & bldrs. matls., Glen Cove, N. Y.
Titus, Cutler, bldg. contr., 70 Sewer, Lynn, Mass.
Titus, E. E., machst. & fndr., Petersburg, Va.
Titus & Hicks, buckwheat flour, Battle Creek, Mich.
Titus, John E., architect, Newton Upper Falls, Mass.
Titus Mach. Co., Marion, Ohio.
Titus, Thurlow, machst. & fndr., Coldwater, Mich.
Titusville Forge Co., Titusville, Pa.
Titusville Handle Co., Titusville, Pa.
Titusville Iron Co., machsts. & fndrs., Titusville, Pa.
Titusville Oil Wks., petroleum, Titusville, Pa.
Tivy, Lawrence, htg. contr., 13 Platt, New York.
Tjossem, R. P., & Son, flour mills, Ellensburg, Wash.
Tobacco Leaf Pub. Co., 198 B'way, New York.
Tobey, Curtis & Co., architects, Tucson, Ariz.
Tobey Lime Co., West Stockbridge, Mass.
Tobey, Samuel E., architect, 101 Milk, Boston, Mass.
Tobey, W. A., architect, Falmouth, Mass.
Tobias & Sheridan, common brick, Hamburg, Pa.
Tobin, Richard L., Co., contractors, East Orange, N. J.
Tobin, T. M., & Bros. Co., masons' & bldrs.' matls., 9326 S. Chicago av, Chicago, Ill.
Tobler & Co., bolting cloth importers, 35 So. William, New York.
Toburen & Co., masons' & bldrs.' matls., Clebourne, Kan.
Toccoa Cotton Mills, Toccoa, Ga.
Toch Bros., damp resisting paints, 320 5th av., New York.
Tocha, Anton A., architect, 1225 N. Ashland av, Chicago, Ill.
Tock Screw Machine Products Corp., 203 8th, Long Island City, N. Y.
Tockwotton Co., buttons, upholsterers' tacks, Providence, R. I.
Tod-Stambaugh Co., iron ores, 601 Perry-Payne, Cleveland, Ohio.
Todaro, Vincent S., architect, 1812 W. 8th, Brooklyn, N. Y.
Todd, A. M., Co., essential oils, Kalamazoo, Mich.
Todd Bros., machinists, Ottawa, Ohio.
Todd Salt Co., salt mfrs., 407 E. 8th, New York.
Todd-Donigan Iron Co., whol. hdwe., 813 W. Main, Louisville, Ky.
Todd Dry Dock & Constr. Corp., Seattle, Wash.
Todd, E. R., masons' & bldrs.' matls., Saratoga Springs, N. Y.
Todd, Edw., & Co., gold pens, 1 W. 34th, New York.
Todd, Harold B., pianos, 1431 Brown, Philadelphia, Pa.
Todd, J., & Co., contractors, 1 S. La Salle, Chicago, Ill.
Todd, Jas., contractor, Newburgh, N. Y.
Todd, Jas. E., contractor, 255 Kimberly av, New Haven, Conn.
Todd, John H. L., steel importer, 50 Broad, New York.
Todd & Lyons, contractors, Coupeville, Wash.
Todd Mfg. Co., automobile dashes, 14 N. 12th, Minneapolis, Minn.
Todd & Nottingham Co., contrs., engrs., 1005 Webster, Oakland, Cal.
Todd Protectograph Co., check protectors, 1050 University av, Rochester, N. Y.
Todd, Simons & Todd, architects, Charleston, S. C.
Todd Shipyards Corp., shipbuilders, 15 Whitehall, New York.
Toddhunter, H. H., architect, Hayden Bldg., Columbus, Ohio.
Todhunter & Edmondson Co., sash, door & blind mfrs., Peoria, Ill.
Todt & Peters, iron, 322 Main, San Francisco, Cal.
Toepfer, Frank, Sons, gas engines, gears, 460 Nat. av, Milwaukee, Wis.
Toepfer, W., & Sons Co., machsts. & fndrs., 80 Menomonee, Milwaukee, Wis.
Toepke, Will H., architect, 46 Kearny, San Francisco, Cal.
Toerring, C. J., Co., blue prints & papers & lamps, 2121 Toronto, Philadelphia, Pa.
Toft, M. J., Constr. & Realty Co., Benoist Bldg., St. Louis, Mo.
Tofte Boiler & Sheet Iron Wks., Houston, Tex.
Tognarelli & Voigt Co., archl. modelers, 1743 N. 12th, Phila., Pa.
Tokheim Mfg. Co., gasoline tanks, Cedar Rapids, Ia.
Tolan, B. S., architect, 1206 Hugh, Fort Wayne, Ind.
Toland & Son, mach. knives, saws, Front & Low, Baltimore, Md.
Toledano, Wogan & Bernard, architects, Perrin Bldg., New Orleans, La.
Toledo Art Glass & Mirror Works, Toledo, Ohio.
Toledo Battery Co., Toledo, Ohio.
Toledo Belting Co., Toledo, Ohio.
Toledo Boiler Compound Co., 404 Clarke, Toledo, Ohio.
Toledo Brass & Iron Wks., Toledo, Ohio.
Toledo Brass & Novelty Works, Toledo, Ohio.
Toledo Brick & Tile Co., Toledo, Ohio.
Toledo Bridge & Crane Co., 2500 Dorr, Toledo, Ohio.
Toledo Builders' Supply Co., Spitzer Bldg., Toledo, Ohio.
Toledo Button Machine Co., 3440 Summit av, Toledo, Ohio.
Toledo Cable Co., 506 St. Clair, Toledo, Ohio.
Toledo Chandelier Mfg. Co., Toledo, Ohio.
Toledo Cooker Co., Toledo, Ohio.
Toledo Desk & Fixture Co., Toledo, Ohio.
Toledo Fibre Package Co., Toledo, Ohio.
Toledo-Findlay Tire & Rubber Co., Findlay, Ohio.
Toledo Foundry & Machine Co., Toledo, Ohio.
Toledo Furnace Co., Toledo, Ohio.
Toledo Grain & Milling Co., Toledo, Ohio.
Toledo Incinerator Co., Toledo, Ohio.
Toledo Machine & Tool Co., Toledo, Ohio.
Toledo Mfg. & Supply Co., Toledo, Ohio.
Toledo Mattress Factory, Toledo, Ohio.
Toledo Metal Furniture Co., Toledo, Ohio.
Toledo Metal Manufactures Co., The, steel pipe, etc., Michigan, Toledo, Ohio. *See adv index at end of book.*
Toledo Metal Wheel Co., Toledo, Ohio.
Toledo Pipe Threading Machine Co., 1440 Summit, Toledo, Ohio.
Toledo Plate & Window Glass Co., Toledo, Ohio.
Toledo Pulp Plaster Co., masons' & bldrs.' matls., Toledo, Ohio.
Toledo Rack & Level Co., 1215 W. Bancroft, Toledo, Ohio.
Toledo Rubber Co., Toledo, Ohio.
Toledo Saw & Supply Co., Toledo, Ohio.
Toledo Scale Co., Toledo, Ohio.
Toledo Scrap Iron Metal Co., Ohio Bldg., Toledo, Ohio.
Toledo Screw Products Co., bolts, nuts, screws, etc., Toledo, O.
Toledo Shipbuilding Co., dry docks, Front, Toledo, Ohio.
Toledo Steel Barrel Co., Toledo, Ohio.
Toledo Steel Castings Co., Toledo, Ohio.
Toledo Steel Tube Co., 2105 Snead av, Toledo, Ohio.
Toledo Stone & Glass Sand Co., Toledo, Ohio.
Toledo Stove & Range Co., mfrs., Toledo, Ohio.
Toledo Sugar Co., Toledo, Ohio.
Toledo Univ. Industl. Science, engng. schools & coll., Toledo, O.
Toledo Wheelbarrow Co., 2400 B'way, Toledo, Ohio.
Toledo Wire & Iron Works, Toledo, Ohio.
Tolerton, I. G., & Son, masons' & bldrs.' matls., Alliance, Ohio.
Toles, W. C., Co., machsts., 4034 N. Tripp av, Chicago, Ill.
Tolhurst Machine Works, hydro-extractors, metal dryers, etc., Troy, N. Y.
Toliver, L. H., machinist, Abilene, Kan.
Tolland, J. W., machinist, 231 Chestnut, St. Louis, Mo.
Tolles, J. H., & Co., lbr., Nashua, N. H.
Tollner's, Chas., Sons Co., lock corner & pencil boxes, Pulaski, N. Y.
Tolman, I. W., dividers, window springs & storm window fasteners, 38 Clifton, Worcester, Mass.
See adv index at end of book.
Tolman, J. H., contractor, Seattle, Wash.
Tolman Mfg. Co., welding & cutting apparatus, 19 W. 3rd, Boston, Mass.
Tomahawk Pulp & Paper Co., Tomahawk, Wis.
Tomahawk Steel & Iron Works, machsts. & fndrs., Tomahawk, Wis.
Tomaka Land Co., turpentine, De Land, Fla.
Tomaselli, Louis, architect, St. Anthony, Idaho.
Tomasello, Antonio G., contr., 69 Gibson, Boston, Mass.
Tomato Products Co., canned goods, Paoli, Ind.
Tombigbee Cotton Mills, bags, sheeting & cotton wks., Columbus, Miss.
Tomcheck, A. C., contrs., Manitowoc, Wis.
Tomkins, Alfred, Co., furnaces, House Bldg., Pittsburgh, Pa.
Tomkins Bros., masons' & bldrs.' matls., 74 Passaic, Newark, N. J.
Tomkins, Calvin, crushed stone, 30 Church, New York.
Tomkins Cove Stone Co., Tomkins Cove, N. Y.
Tomkins-Cristy Hardware Co., Telluride, Colo.
Tomkins, H. H., Hardware Co., Leadville, Colo.
Tomkins, Lewis H., Hardware Co., Aspen, Colo.
Tomkinson, Kenyon & Tomkinson Co., mill feed, Honeoye Falls, N. Y.
Tomlin-Harris Machine Co., Cordele, Ga.
Tomlin Sheet Metal Wks., cornices & skylights, Seattle, Wash.
Tomlines, Thos. L., consulting engineer, Watertown, N. Y.
Tomlinson, DeWitt, Co., machsts. & brass fndrs., Mansfield, Pa.
Tomlinson, Frank, contr., Ashland, Wis.
Tomlinson & Egan, contrs., Ashland, Wis.
Tomlinson, Harry C., architect, 917 Melrose av, Trenton, N. J.
Tomlinson, Henry W., architect, 64 E. Van Buren, Chicago, Ill.
Tomlinson, John H., architect, 64 East Van Buren, Chicago, Ill.
Tomlinson Mfg. Co., sheet metal stamping, Canton, Ohio.
Tompkins Bros. Co., machinists, Troy, N. Y.
Tompkins, John Almy, architect, 20 W. 43d, New York.
Tompkinskiel Marble Co., 505 Fifth av, New York.
Tom's & Blair Sheet Metal Co., San Diego, Cal.
Toms, John J., contractor, Brendeis Bldg., Omaha, Neb.
Tomson, P. C., & Co., soap & soap powders, 29 Washington av, Philadelphia, Pa.
Ton-A-Ford Truck Co., Racine, Wis.
Tonawanda Advtg. Co., Tonawanda, N. Y.
Tonawanda Board & Paper Co., Tonawanda, N. Y.
Tonawanda Iron & Steel Co., blast furnaces, North Tonawanda, N. Y.
Tonella & Sons, granite, Milford, N. H.
Tongue, R. E., & Bros. Co., oil cans, Allegheny av & Amber, Philadelphia, Pa.
Tonk Mfg. Co., music cabinets, 2028 Clybourn av, Chicago, Ill.
Tonk, Wm., & Bro., pianos, 456 10th av, New York.
Tonks Bros., buttons, 237 High, Newark, N. J.
Tonnsen, E. B., Co., cornices, 1131 Harmon, Milwaukee, Wis.
Toohey, M. J., & Co., mill & facty. supplies, Fall River, Mass.

Tooker, E. Post, landscape architect, 101 Park av, New York.
Tooker & Marsh, architects, 101 Park av, New York.
Tool, Steel, Gear & Pinion Co., Township av, Elmwood pl, Cincinnati, Ohio.
Toole & Sunderlin, dock bldrs., Warren Bldg., Bridgeport, Conn.
Toole, W. B., masons' & bldrs.' matls., Augusta, Ga.
Toole, W. K., Co., mill & facty. supplies—whol. hdwe., 180 Main, Pawtucket, R. I.
Toomey, Frank, machy. dlrs., 127 N. 3d, Philadelphia, Pa.
Toomey, S., Co., carriages, Dover, Ohio.
Toop, Geo. H., Iron Works, 9 Canal pl, New York. N. Y.
Top Notch Co., Inc., canvas shoes mfrs., College Point, Long Island, N. Y.
Topanelian, Edward, architect, 340 Main, Worcester, Mass.
Topeka Bridge & Iron Co., Topeka, Kans.
Topeka Flour Mill Co., Topeka, Kans.
Topeka Foundry & Mfg. Co., Topeka, Kans.
Topeka Steam Boiler Works, Topeka, Kans.
Topeka Tent & Awning Co., Topeka, Kans.
Topeka Vitrified Brick & Tile Co., Topeka, Kans.
Topliffe, Ely Co., toys, Washington, Pa.
Topp, G. A., & Co., framing tools, Indianapolis, Ind.
Topp, O. M., architect, Jenkins Bldg., Pittsburgh, Pa.
Topp, Stewart, Tractor Co., Clintonville, Wis.
Toppan Boat Mfg. Co., motor boat, 87 Washington No., Boston, Mass.
Topper Bros., scrap rubber, Kimball & Mitchell, Columbus, O.
Topper & Edelmann, bristles & horse & badger hair, 525 Stone av, Brooklyn, N. Y.
Topping Bros., whol. hdwe., 122 Chambers, New York.
Topton Foundry Co., Topton, Pa.
Torbenson Axle Co., E. 152d, Cleveland, Ohio.
Torbert, A. C., Equipment Co., steam shovels, 208 S. La Salle, Chicago, Ill.
Torbitt, A. N., architect, Landers Bldg., Springfield, Mo.
Torchiani, H., mfr. of brewers' pitching & keg scrubbing machy., 140 N. Dearborn, Chicago, Ill.
Torkelson & Hesterman, contractors, Merrill, Wis.
Tormey, Francis E., architect, 813 Newington av, Baltimore, Md.
Toronto Fire Clay Co., Toronto, Ohio.
Toronto Foundry & Machine Co., Toronto, Ohio.
Torrance, John, & Son, machsts. & fndrs., La Crosse, Wis.
Torrance Mfg. Co., machsts., Harrison, N. J.
Torrans Mfg. Co., mill & facty. supplies—whol. hdwe., Jefferson, Tex.
Torrence, Archibald, contractor, Norwich, Conn.
Torrey Bros. Co., wagon jacks, stable forks, etc., Central Village, Conn.
Torrey Cedar Co., ties, poles, etc., Clintonville, Wis.
Torrey, J. A., soap, Rockland, Mass.
Torrey, J. R., Razor Co., Worcester, Mass.
Torrey Roller Bushing Works, marine hdwe., engines, etc., Bath, Me.
Torrid Heater Co., heating boilers, Hackettstown, N. J.
Torrington Mfg. Co., Inc., general building contractors & dlrs. in mason's supplies, Torrington, Conn.
Torrington Co., The Excelsior Plant, successor to Excelsior Needle Co., needles, "Dayton" swaging machines, hardware specialties, & ballbearing mfrs., Torrington, Conn.
See adv index at end of book.
Torrington Mfg. Co., machsts., Torrington, Conn.
Torsch Packing Co., canned goods, Lawrence & Clement, Baltimore, Md.
Torsion Balance Co., scales, 92 Reade, New York.
Torsion Nut Lock & Washer Co., nut lock & washer mfrs., 141 Milk, Boston, Mass. *See adv index at end of book.*
Toscani, J. L., Co., marble, floor & glass mosaics, etc., 930 E. 178th, New York.
Tothill, W. S., playground equipment, 1815 Webster av, Chicago, Ill.
Totten, F. E., & Sons, electro plating, 97 Cliff, New York.
Totten, G. Oakley, Jr., architect, 808 17th, N. W., Washington, D. C.
Tottenville Copper Co., brass ingots, smelters & refiners, Bedell, Tottenville, N. Y.
Tottle, Wm. A., & Co., brush mfrs., Baltimore, Md.
Totty Trunk & Bag Co., trunk mfrs., Petersburg, Va.
Tough, Edward, architect, Madison, Wis.
Touhill Iron Works, machsts. & fndrs., Scranton, Pa.
Toulouse & Delorieux, machinists, 409 6th, San Francisco, Cal.
Toupet, Beil & Conley, contractors, 5931 Penn av, Pittsburgh, Pa.
Toupin, Joseph, contractor, Manchester, N. H.
Tourison, Ashton S., Sr., contractor, 7014 Boyer, Germantown, Philadelphia, Pa.
Tourlson, Bart., architect, Land Title Bldg., Philadelphia, Pa.
Touroff & Karp, contractors, 83 Sunswick, Long Island City, N. Y
Tourtellotte & Hummel, architects, Rothschild Bldg., Portland, Ore., & Boise, Idaho.
Tousey Varnish Co., 520 W. 25th, Chicago, Ill.
Tousley, Chas. E., architect, 4500 Euclid av, Cleveland, Ohio.
Towbin, Louis, mattresses, 1052 Myrtle av, Brooklyn, N. Y.
Tower, A. J., Co., oiled clothing, 18 Simmons, Boston, Mass.
Tower-Binford Elec. & Mfg. Co., wire connectors, Richmond, Va.
Tower Bros., machsts. & fndrs., Hudson, Mass.
Tower Chemical Co., 258 B'way, New York.
Tower, D. H., architect, Dalton, Mass.
Tower Grove Foundry Co., 4444 Hunt av, St. Louis, Mo.
Tower Grove Quarry & Const. Co., contrs., 5927 Fyler av, St. Louis, Mo.
Tower, J. D., & Sons Co., agr'l implts., Mendota, Ill.
Tower, Jas. H., Iron Works, 50 Borden, Providence, R. I.
Tower Mfg. Co., galvanizing works, Madison, Ind.
Tower Mfg. Co., smelt., nails & rivets, Elm & Commercial, Cincinnati, Ohio.
Tower Mfg. & Nov. Co., pads, inks, 326 Broadway, New York.
Tower Motor Truck Co., Greenville, Mich.
Tower, R. J., Iron Works, machsts. & fndrs., Greenville, Mich.
Tower Sylvester Co., ivory goods, Cambridge, Mass.
Tower Varnish & Dryer Co., Dayton, Ohio.
Towers, Jos., brick, New Britain, Conn.
Towers, L. B., & Bros., canned goods, Denton, Md.
Towers & Sullivan Mfg. Co., agr'l implts., Rome, Ga.
Towes-Gibson Packing Co., canned goods, Crisfield, Md.
Towle, F. S., Co., boxes, signs, toys, etc., 332 Broadway, New York.
Towle Mfg. Co., table silverware, Newburyport, Mass.
Town Scientific School, engng. schools & coll., Phila., Pa.
Town, Wm. L., architect, Poultney, Vt.
Townell, Hewson, Sr., & Son, brick, Plainfield, Ill.
Towner & Co., mill & facty. supplies, Memphis, Tenn.
Towner Hardware Co., Muskegon, Mich.
Towner, Jay F., & Sons, canned goods, Perryman, Md.
Towner, K. MacM., architect, Asbury Park, N. J.
Towner, Wm. T., architect, 366 5th av, New York.
Towney Metal & Hardware Co., 2d & S. W. cor. Walnut, Kansas City, Mo.
Townley, C. E., masons' & bldrs.' matls., 149 Vernon av, Newark, N. J.
Townley Metal & Hardware Co., 2d, S. W. cor. Walnut, Kansas City, Mo.
Townsend, A. W., cornices & skylights, 20 S. 2d av, Minneapolis, Minn.
Townsend, C. F., architect, 129 Church, New Haven, Conn.
Townsend, Chas., & Bro., glue, gelatine, 276 Pearl, New York.
Townsend Co., nails, rivets, wire, etc., New Brighton, Pa.
Townsend, David, engineer, 1716 Spring Garden, Phila., Pa.
Townsend, F. M., contractors, Zanesville, Ohio.
Townsend & Fleming, landscape architects, Prudential Bldg., Buffalo, N. Y.
TOWNSEND FOUNDRY & MACHINE SHOP CO., chemical castings, etc., Broadway & Rensselaer, Albany, N. Y.
See adv index at end of book.
Townsend, Frank M., contractor, Zanesville, Ohio.
Townsend, Fred J., machst, Painted Post, N. Y.
Townsend, G. G., rivets, Winchendon, Mass.
Townsend, G. E., architect, Dallas, S. D.
Townsend, H. C., Cotton Mills, cotton twine, Anderson, S. C.
Townsend, H. P., Mfg. Co., drilling & riveting machines, Hartford, Conn.
Townsend Iron Works, marine boilers, 2 Erie Basin, Brooklyn, N. Y.
Townsend, J. E. (Est. of), blankets (woolen), Milton Mills, N. H.
Townsend, J. G., & Co., Jr., canned goods, Selbyville, Del.
Townsend, J. W., turpentine, Lake Butler, Fla.
Townsend, Jas., & Son, canned goods, Masten, Del.
Townsend Marine Railway & Const. Co., dry docks, Boothbay Harbor, Md.
Townsend Mfg. Co., farm tractors, Jamesville, Wis.
Townsend, Otis M., contractor, Ocean City, N. J.
Townsend, S. P., & Co., machsts., Orange, N. J.
Townsend, Steinle & Haskell, architects, 1328 B'way, New York.
Townsend, Thos., textile machy., 157 Orange, Providence, R. I.
Townsend, Townsend & Co., marble, steel chilled shot, 453 W. 21st, New York.
Townsend, W. C., & Co., granite producers, Zanesville, Ohio.
Townsend's, Jno., Sons, mill & facty. supplies, Rome, N. Y.
Townsley Mfg. Co., lightning rods, 1315 S. E. 4th, Minneapolis, Minn.
Towsley, John T., Mfg. Co., woodworking machinery, Cincinnati, Ohio.
Toy Tinkers, Evanston, Ill.
Toy, W. M., & Co., masons' & bldrs.' matls., 10 E. Shelby, Sidney, Ohio.
Tozer, David, Co., lumber, Stillwater, Minn.
Tozzi Mfg. Co., stamping dies, 352 Pearl, New York.
Traber, Oliver R. S., architect, Fullerton Bldg., St. Louis, Mo.
Trabern Pump Co., Rockford, Ill.
Trabold Truck Mfg. Co., Johnstown, Pa.
Trachsel, John C. F., steam htg. contr., 230 Arch, Philadelphia, Pa.
Trachte Bros. Co., tanks, cornices, heaters, Madison, Wis.
Track Equipment Co., car replacers, Huntington, W. Va.
Track Necessities Co., rail sawing machines, 343 S. Dearborn, Chicago, Ill.
Trackless Trolley Co. of Am., 50 Church, New York.
Traction Lubrg. Co., Chicago Heights, Ill.
Traction Materials Co., trolley line mtls., 501 5th av, New York
Tracy Bros. Co., contractors, masons' & bldrs.' matls., Waterbury, Conn.
Tracy, C. Oscar, machsts. & fndrs., Norwich, Conn.

Tracy, E. Page, architect, 838 Ackerman av, & 512 S. Course, Syracuse, N. Y.
Tracy, Edward P., contr., Derby, Conn.
Tracy Engineering Co., Sheldon Bldg., San Francisco, Cal.
Tracy, Frank, mill & facty. supplies, 202 Centre, New York.
Tracy, Jos., dynamometers, 1786 B'way, New York.
Tracy, Lewis E., Co., mill & facty. supplies, 127 Broad, Boston, Mass.
Tracy, M. M., ties, poles, Stacyville, Me.
Tracy & Metcalf, contractors, Augusta, Me.
Tracy, P. M., brick, Arcata, Cal.
Tracy, Robinson & Williams Co., mill & facty. supplies, whol. hdwe., 78 Asylum, Hartford, Conn.
Tracy & Swartwout, architects, 244 5th av, New York.
Trade Mark Record, trade publication, 31 Nassau, New York.
Trader, E. N., cornices, McKeesport, Pa.
Traders Box & Lbr. Co., Rochester, N. Y.
Tradesman, The, Publishing Co., Chattanooga, Tenn.
Traeger, Chas. W., architect, 107 Hurlburt, Peoria, Ill.
Trafford, Thos. C., contractor, 1630 Sansom, Philadelphia, Pa.
Trafton, F. M., Co., metal polish, 176 Federal, Boston, Mass.
Trafton, G. A., & Son, flour, Watsonville, Cal.
Trafzer, J. W., architect, Mason City, Ia.
Trager, Frank A., cornices & skylights, Sterling, Ill.
Trageser, John, Steam Copper Wks., 447 W. 26th, New York.
Tragle Mfg. Co., hardware (whol.), Reading, Pa.
Trahern Pump Co., Rockford, Ill.
Trailmobile Co., auto truck trailers, 5th & Culvert, Cincinnati, Ohio.
Train & Williams, architects, Exchange Bldg., Los Angeles, Cal.
Trainer Bros. Lumber Co., Loomis S. of 22d, Chicago, Ill.
Trainer, C. W., Mfg. Co., packing, roofing, etc., 55 High, Boston, Mass.
Trainer, Walter L., Co., varnish mfrs., 3319 N. 12th, Phila., Pa.
Trainor's, O. J., Son, sashes, doors & blinds, New Iberia, La.
Traitel Marble Co., Webster av & E. R., Long Island City, N. Y.
Trammel Co., carriage wheels, Gallatin, Tenn.
Trammell & Son, brick, Rome, Ga.
Tramp Bros., brick, Creston, Ia.
Tramp & Tramp, brick, Audubon, Ia.
Tranchina, D. J., contractor, New Orleans, La.
Trane Co., vapor system heating, La Crosse, Wis.
Transatlantic Chemical Corp., toludine, 80 Wall, New York.
Transfer Lumber & Shingle Co., North Tonawanda, N. Y.
Transfer Stained Shingle Co., North Tonawanda, N. Y.
Transit Constr. Co., Mt. Vernon, N. Y.
Translucent Window Sign Co., transfer ornaments, 118 E. 28th, New York.
Transmission Ball Bearing Co., 1050 Military rd, Buffalo, N. Y.
Transmission Machinery Co., 1146 Tchoupitoulas, New Orleans, La.
Transo Co., advtg. spec., Rockford, Ohio.
Transo Envelope Co., 3550 Kimball av, Chicago, Ill.
Transport Tractor Co., traction engines, 801 Vernon av, L. I. City, N. Y.
Transue & Williams Steel Forging Corp., covers, Alliance, Ohio.
Trant, John C., plate glass, Hartford, Conn.
Trant, John H., Jr., lumber mfrs., Norfolk, Va.
Trant, Thos., & Bros., mill & facty. sup., Hartford, Conn.
Tranter Mfg. Co., ejectors, etc., 105 Water, Pittsburgh, Pa.
Traphagen & Hull Mfg. Co., sash, door & blind mfrs., Kingston, N. Y.
Traphagen, O. G., architect, 244 California, San Francisco, Cal.
Trapp, Daniel, contractor, Newport, Ky.
Trapp & Kuehnle, machsts., 245 Pearl, New York.
Trapp, Nicholas H., & Son, contractors, 17 Thames, New York.
Trappe Canning Co., Aberdeen, Md.
Trask Heating Co., pressure regulators, 4 Merrimac, Boston, Mass.
Trask, J. A., & Son, contractors, Peabody, Mass.
Traub, W. F., machsts, 912 Montrose av, Chicago, Ill.
Traud, Alex., Co., machsts. & fndrs., 5 Main, Newark, N. J.
Traud, Alex., & Sons, embossing machines, presses, 124 Polk, Newark, N. J.
Trauger, B. M., & Son, contrs., Scranton, Pa.
Trauger, Geo. H., contractor, Scranton, Pa.
Traun Rubber Co., 337 B'way, New York.
Trausch Bros., brick, Roseland, Neb.
Traut & Hine Mfg. Co., metal specialties, New Britain, Conn.
Traut, Thos., plumbers' supplies, jobbers, Hartford, Conn.
Trauten & Dowell, htg. contrs., Aurora, Ill.
Trauten, John J., htg. contrs., Aurora, Ill.
Traux, Greene & Co., surgical instruments, 171 N. Wabash av, Chicago, Ill.
Traux Mfg. Co., industrial cars, Denver, Colo.
Travelers Ins. Co., Hartford, Conn.
Travelight Mfg. Co., bags & suit cases, 237 Lawrence, Phila., Pa.
Traver, W. M., Co., canned goods, Hartford, Mich.
Travers, G. W., & Co., toys, games & nov., 146 Chambers, New York.
Travers, J. R., canned goods, Nanticoke, Md.
Travers Twine & Cordage Co., 81 Warren, New York.
Traverse City Brick Co., Traverse City, Mich.
Traverse City Casket Co., Traverse City, Mich.
Traverse City Iron Wks., Traverse City, Mich.
Traverse City Motor Co., Traverse City, Mich.
Traverse City Refrigerator Co., Traverse City, Mich.
Traverso, Louis, architect, 854 Union, San Francisco, Cal.
Traves, Chas. E., machinist, Fresno, Cal.
Travilla, M., machst., Quincy, Ill.
Travis, D. W., Sons, fndrs., Athens, N. Y.
Travis, G. E., shaking & dumping grates, Henry, Ill.
Travis Glass Co., bottle, Clarksburg, W. Va.
Travis & Oczko, mchsts. & fndrs., Johnstown, N. Y.
Travis Stone Co., Hale Eddy, N. Y.
Travora Mfg. Co., cotton flannels, Graham, N. C.
Trax, Geo. H., contractor, Easton, Md.
Traylor Engng. & Mfg. Co., copper converters, Allentown, Pa.
Traylor Shipbldg. Co., Cornwells Heights, Pa.
Tread Co. (Ltd.), self-fluxing solder, Belmar, N. J.
Treadwell Construction Co., Midland, Pa. *See adv index at end of book.*
Treadwell Engineering Co., hydraulic press manfrs., Easton, Pa.
Treadwell, M. H., Co., cars, machy., steel stacks, etc., 140 Cedar, New York.
Treadwell, M. H., Co. of Ill., rolling mill machy., blast furnace & steel works, 208 S. La Salle, Chicago, Ill.
Treas Lumber Co., Benton, Ky.
Treasure Stove Co., Gallipolis, Ohio.
Treat Hardware & Supply Co., Lawrence, Mass.
Trebert, H. L. F., Engine Works, Rochester, N. Y.
Trebing Mfg. Co., sash, door & blind, 1000 Center, N. W., Cleveland, Ohio.
Trede, John H., contractor, Bellingham, Wash.
Tredegar Co., rolling mills, Richmond, Va.
Tredennick, M. C., contractor, 331 Madison av, New York.
Tredway, A., & Sons Hardware Co., Dubuque, Ia.
Tredwell & Kraft, architects, Indiana Harbor, Ind.
Treece, W. C., & Co., hoists, (beef), Findlay, Ohio.
Treen Box Co., packing, Tioga & Memphis, Philadelphia, Pa.
Treen, John, Jr., contractor, Woodbridge, N. J.
Trefethen, D. A., castings, Taunton, Mass.
Trefethen, E. W., contractor, Portsmouth, N. H.
Trefethen, F .L., mill & factory supplies, Lynn, Mass.
Tregarthen, Jas., & Sons, Co., dry docks, ft. 7th, E. R., New York.
Trego Motors Corporation, aeronautical motor mfrs., Fox & Ferry, New Haven, Conn.
Tregoning Elec. Mfg. Co., plugs, receptacles, etc., Cleveland, O.
Treichel & Hyink, machsts, 727 N. Water, Milwaukee, Wis.
Treinis Bros., sporting goods, mfrs., 126 13th, Bklyn., N. Y.
Tremain, E. E., carriages, Stockton, Cal.
Tremaine, Wm. H., architect, Cham. of Com. Bldg., Columbus, O.
Treman, King & Co., mill & facty. supplies, wholesale hardware, Ithaca, N. Y.
Tremblay, Samuel J., architect, 21 High, East Hampton, Mass.
Tremont Architectural Co., 1910 Webster av, New York.
Tremont Lumber Co., Jonesboro & Winnfield, La.
Tremont Nail Co., West Wareham, Mass.
Tremont & Suffolk Mills, shade cloth, blankets, etc., Lowell, Mass.
Trench, C. S., & Co., bar tin, spelter, 81 Fulton, New York.
Trench, Daniel G., & Co., mill & facty. supplies, 222 N. Wabash av, Chicago, Ill.
Trenham Tractor Co., Stevens Point, Wis.
Trenjer Specialty Co., drinking fountains, Trenton, N. J.
Trenk Wire Works, bank & office railings, Dubuque, Ia.
Trenkamp Stove & Mfg. Co., 9806 Quincy av, Cleveland, Ohio.
Trenkman, B., & Co., machsts., 106 N. 4th, Portland, Ore.
Trenle China Co., East Liverpool, Ohio.
Trent Bros., lbr. mfrs. & masons' & bldr.' matls., Danville, Ill.
Trent Engng. & Mach. Co., Salt Lake City, Utah.
Trent, L. C., Engineering Co., Los Angeles, Cal.
Trent Tile Co., Trenton, N. J.
Trenton Bone Fertilizer Co., Trenton, N. J.
Trenton Brass & Mach. Co., Trenton, N. J.
Trenton Elec. & Conduit Co., ground connection clamps, Trenton, N. J.
Trenton Engineering Co., machinists, Trenton, N. J.
Trenton Fertilizer Co., Trenton, S. C.
Trenton Fire Clay & Porcelain Co., potteries, Trenton, N. J.
Trenton Gas & Elec. Fixture Mfg. Co., Trenton, N. J.
Trenton Malleable Iron Co., mchsts. & fndrs., Trenton, N. J.
Trenton Milling Co., flour, Trenton, Ill.
Trenton Pattern Works, Trenton, N. J.
Trenton Porcelain Co., electrical & mechanical porcelain specialties, Trenton, N. J.
Trenton Potteries Co., plumbers' sanitary earthenware mfrs., Trenton, N. J.
Trenton Sand & Gravel Co., Trenton, Ohio.
Trenton Scrap Rubber Supply Co., Trenton, N. J.
Trenton Smelting & Refining Co., Trenton, N. J.
Trenton Spring Mattress Co., Trenton, N. J.
Trescott, W. A., fruit evoporators, Fairport, N. Y.
Tressel, Jas. G., contr. & stone, Ada, Ohio.
Tresselt, C., & Sons, flour mills, Fort Wayne, Ind.
Tressing, E., & Co., hardware mfrs., 15 E. Lake, Chicago, Ill.
Trethaway Bros., tinware mfrs., Parsons, Pa.
Tretheway, W. O., machst. & fndr, New Harmony, Ind.
Treuchet, F. E., cornices, 33 Sanford, Springfield, Mass.
Trevey Bros., canned goods, Nace, Va.
Treviranus & Gardner, brick, Little Ferry, N. J.
Trevor Mfg. Co., mill & factory supplies, Lockport, N. Y.

Treworgy, Chas, J., lumber, Ellsworth Falls, Me.
Trexler Cooperage Co., Allentown, Pa.
Trexler Lumber Co., Allentown, Pa.
Trexler-Turrell Lumber Co., Noxen, Pa.
Treyz, G. H., & Co., wood alcohol, Binghambton, N. Y.
Treyz, G. I., wood alcohol, Cooks Falls, N. Y.
Triad Co., commuator compounds, Allenhurst, N. J.
Triangle Conduit Co., 52 Columbia Heights, Brooklyn, N. Y.
Triangle Electro Trading Co., toys, 79 Chambers, New York.
Tri-angle Mfg. Co., nut crackers & picks, Freeport, Ill.
Triangle Motor Truck Co., St. Johns, Mich.
Triangle Pennant Co., 160 N. 5th av, Chicago, Ill.
Tribe, Geo. T., architect, 306 Main, Worcester, Mass.
Tribble, A. L., Co., clothes lines, 59 Temple pl, Boston, Mass.
Trible, E. S., architect, Henderson, Ky.
Tri-Bullion Smelting & Development Co., 10 Wall, New York.
Trice, W. T., & Bros., flour mills, Casscoe, Ark.
Tri City Button Co., Davenport, Ia.
Tri-City Construction Co., Davenport, Ia.
Tri-Color Sign Co., advertising signs, 4824 W. Lake, Chicago, Ill.
Tri-County Fertilizer Co., Royston, Ga.
Triebel & Sons, stone products, Peoria, Ill.
Trieschmann, Luther H., razor strops, 720 Main, Hartford, Conn.
Trifts, Charles W., architect, Vandergrift Bldg., Pittsburgh, Pa.
Trill Indicator Co., Corry, Pa.
Trilling, H., & Co., flaxseed, 1228 Arlington pl, Chicago, Ill.
Trimbach, Geo., wholesale hardware, Dayton, Ohio.
Trimble Brick Co., Trimble, Ga.
Trimble Coal Co., masons' & bldrs.' matls., Paterson, N. J.
Trimble, F. H., architect, Hand Bld., Orlando, Fla.
Trimble, F. H., Co., display racks & stands, 216 W. 3rd, Los Angeles, Cal.
Trimble, John H., & Bro., contractors, 2022 Chateau, Pittsburgh, Pa.
Trimble & Lutz Supply Co., mill, mine, factory, plumbers' supplies, jobbers, 19th & Wood, Wheeling, W. Va.
Trimble, Mudge & Co., scrap iron & steel, Oliver Bldg., Pittsburgh, Pa.
Trimble Paving Brick Co., Trimble, Ohio.
Trimble, R. Maurice, architect, Ferguson blk, Pittsburgh, Pa.
Trimble, W. F., & Sons Co., contractors, 1719 Penn av, Pittsburgh, Pa.
Trimlett & Combellick, contrs., 608 S. B'way, Los Angeles, Cal.
Trimont Mfg. Co., wrenches, Amory av, Roxbury, Boston, Mass.
Trimount Rotary Power Co., rotary pump mfrs. & machts., 18 Heath, Boston, Mass.
Triner Scale & Mfg. Co., 2714 W. 21st, Chicago, Ill.
Trini, A., & Co., machsts., 557 W. Adams, Chicago, Ill.
Trinidad Asphalt Mfg. Co., Title Guarantee Trust Bldg., St. Louis, Mo.
Trinidad Fndry. & Mach. Co., Trinidad, Colo.
Trinidad Hdwe. Co., whol., Trinidad, Colo.
Trinity Bell Elec. Mfg. Co., horns, 216 W. Kinzie, Chicago, Ill.
Trinity Construction Co., Dallas, Tex.
Trinity Cotton Oil Co., Dallas, Tex.
Trinity County Lumber Co., Groveton, Tex.
Trinity Portland Cement Co., Dallas, Tex.
Trinity River Lumber Co., Houston, Tex.
Trinkkeller, E., machinist, Los Angeles, Cal.
Trinley, J., & Sons, fertilizer mfrs., Linfield, Pa.
Trio Mfg. Co., auto clutches, Bellevue & Warren avs, Detroit, Mich.
Trio Mfg. Co., cotton twine, Forsyth, Ga.
Trio Mfg. Co., elec. protectors, Rock Island, Ill.
Trio Mfg. Co., med. cabinets & desk mfrs., Cleveland, Ohio.
Trion Co., cotton sheeting, Trion, Ga.
Trion Toy Co., B'way & Bedford av, Brooklyn, N. Y.
Triple "A" Machine Co., floor scraping & surfacing machines 4121 Ravenswood av, Chicago, Ill.
Triple S. Mach. Co., loose leaf devices, 1013 Wellington, Chicago, Ill.
Triple Sign Co., Connersville, Ind.
Tripod Paint Co., Atlanta, Ga.
Tripoli Canning Co., Tripoli, Ia.
Tripp, A. F., landscape architect, 44 College, Providence, R. I.
Tripp Bros., masons' & bldrs.' matls., Greenview, Ill.
Tripp & Co., elec. signs, 33 N. Wells, Chicago, Ill.
Tripp, Frank S., machsts. & fndrs., New Bedford, Mass.
Tripp, Fred. H., Hdwe. Co., North Vernon, Ind.
Tripp, Jno., & Co., roll covers, Lowell, Mass.
Tripp & Tennant, lbr., Short Falls, N. H.
Tripp, W. E., & Co., ties, poles & posts, Job, Ky.
Tripper, Allen G., contractors, Peru, Ind.
Tri-State Builders' Supply Co., Memphis, Tenn.
Tri-State Casket Co., Kendallville, Ind.
Tri-State College, engng. schools & coll., Angola, Ind.
Tristram, Jas. J., riddles, Rockville Centre, N. Y.
Tritch, Geo., Hardware Co., Denver, Colo.
Tritt China Co., Niles, Ohio.
Tritt Elec. Co., storage battery charging sets, Union City, Ind.
Triumph Adding Mach. Co., 78 Smith, Brooklyn, N. Y.
Triumph Couch Bed Co., mattresses, 8 Bartlett sq., Boston, Mass.
Triumph Electric Co., adjustable speed motors, Oakley, Cincinnati, Ohio. *See adv index at end of book.*
Triumph Ice Machine Co., Oakley, Cincinnati, Ohio.
Triumph Lamp Wks., 149 Palisade av, Union Hill, N. J.
Triumph Laundry Machy. Co., Hamilton, Ohio.
Triumph Mfg. Co., bakers' machinery, Cincinnati, Ohio.
Triumph Mfg. Co., machsts., 500 Delaware, Kansas City, Mo.
Triumph Motor Car Co., 3308 Sheffield av, Chicago, Ill.
Triumph Trap Co., Inc., animal traps, Oneida, N. Y.
Triumph Valve Mfg. Co., Mansfield, Ohio.
Triumphator Calculating Mach. Co., 81 New, New York
Troemmer Hy., meat choppers & slicers & scales, 911 Arch, Philadelphia, Pa.
Troike Muffler & Mfg. Co., Loraine, O.
Trojan Button Fastener Co., Troy, N. Y.
Trojan Coal Co., masons' & builders' matls., Troy, O.
Trojan Electric Steel Co., 34th & Hoyne av, Chicago, Ill.
Trojan Glass Cutter Works, 330 W. Kinzie, Chicago, Ill.
Trojan Powder Co., nitro starch mfrs., 27 William, New York.
Trojan Unit Tractor Co., Waterloo, Ia.
Trolinger & Montgomery, brick, Haw River, N. C.
Trolley Supply Co., Canton, Ohio.
Trombley Jos. & Son, contractors, North Andover, Mass.
Trompeter, Jos., contractors, Peru, Ill.
Troop Mfg. Co., water heaters, 218 21st av, Pittsburgh, Pa.
Tropenas Converter Co., steel casing converts, 2243 Nostrand av, Brooklyn, N. Y.
Tropical Paint & Oil Co., W 70th, Cleveland, O.
Trost, Robert, contractor, 26th & Howard, San Francisco, Cal.
Trost & Trost, architects, Mills Bldg., El Paso, Tex.
Trostel, A., & Sons Co., mill & facty. supplies, 612 Commerce, Milwaukee, Wis.
Trostel, Geo. H., lime, York Springs, Pa.
Trotman Mfg. Co., fertilizer mfrs., Churchland, Va.
Trott, J. A. & Sons, brick, Eldon, Iowa.
Trotter, E. T., & Co., paints, insulating compounds, etc., 602 Johnson av, Brooklyn, N. Y.
Trotter Lumber Co., Toledo, Ohio.
Trotter, Nathan & Co., antimony, bismuth, pig lead, etc., 36 N. Front, Philadelphia, Pa.
Trounson, J., contractor, 121 5th, San Francisco, Cal.
Troup Co., acid phosphate, La Grange, Ga.
Trout, Geo. W. & Co., who. h'dwe., 17 E. Lake, Chicago, Ill.
Trout, H. Clifton, architect, St. Girard Bldg., Philadelphia, Pa.
Trout, H. G., Co., propeller wheels, Buffalo, N. Y.
Troutman, C. E., architect, Aberdeen, Wash.
Trouton Mattress Co., Atlanta, Ga.
Troutt, Jno., & Co., stone producers, Chattanooga, Tenn.
Trow & Holden Co., tools—paving, granite & stone cutters, Barre, Vt.
Trowbridge & Ackerman, architect, 62 W. 45th, New York & Ohio Bldg., Akron, Ohio.
Trowbridge & Livingston, architects, 527 5th av, New York.
Trowbridge Piano Co., 32 Dorchester av, Boston, Mass.
Trowbridge, S. D., architect, Grant Bldg., Atlanta, Ga.
Troxel Mfg. Co., bicycle parts & sundries, Elyria, O.
Troy Auto. Spec. Co., horns, gas igniters, &c., Troy, N. Y.
Troy Belting & Supply Co., belting, mill & factory supplies, Troy, N. Y.
Troy Blanket Mills, Troy, N. H.
Troy Brick Co., Northern Tpk., Troy, N. Y.
Troy Bros., hot air furnaces, Indianapolis, Ind.
Troy Bros. & Co., plumbers' marble wk., 975 Mass av, Rox, Boston, Mass.
Troy Carriage Sun Shade Co., mechanics' aprons, Troy, Ohio.
Troy Carriage Wks., Troy, N. Y.
Troy Cast Iron Brazing Co., Troy, N. Y.
Troy Cold Water Kalsomine Co., Troy, N. Y.
Troy Elec'l Co., Troy, N. Y.
Troy Engine & Mach. Co., mchsts. & fndrs., Troy, Pa.
Troy File Works, files, scrapers, etc., Congress, Troy, N. Y.
Troy Fireproofing Co., Troy, N. Y.
Troy Laundry Machy. Co., Troy, N. Y.
Troy Laundry Machinery Co., Ltd., La Salle & 23d, Chicago, Ill.
Troy Malleable Iron Wks. of Eastern Mall. Iron Co., fndrs., Troy, N. Y.
Troy Mfg. Co., auto. metal bodies, Troy, Ohio.
Troy Milling Co., flour, Troy, N. C.
Troy Nickel Works, stove trimmings, Albany, N. Y.
Troy Oil Mill Co., cottonseed meal, Troy, S. Car.
Troy Public Works Co., contrs., Utica City Nat. Bk. Bldg., Utica, N. Y.
Troy Roller Mills, flour, Troy, Tenn.
Troy Rubber Stamp Wks., Troy, N. Y.
Troy, S. B., contractors, 88 Broad, Boston, Mass.
Troy Scrap Iron & Metal Co., Troy, N. Y.
Troy Spring Works, Troy, N. Y.
Troy Stamping Works, metal stamping, Troy, N. Y.
Troy, Thos., contractor, Olean, N. Y.
Troy Tile & Brick Co., Troy, Ohio.
Troy Veneer & Crate Co., Troy, Ala.
Troy Wagon Works Co., 100 E. Race, Troy, Ohio.
Troy Waste Mfg. Co., Troy, N. Y.
Troy White Granite Co., Worcester, Mass.
Troy Wire Goods Co., Troy, N. Y.
Troy Woven Wire Spring Co., mattresses, Troy, N. Y.
Truax Mfg. Co., self-oiling wheels, Denver, Colo.
Truby Coal Co., masons' & bldrs' matls., Painesville, Ohio.

Truck Engng. Co., wagon & truck bodies, B'way & E. 71st, Cleveland, Ohio.
Truckee Lumber Co., National Bank Bldg., San Francisco, Cal.
Trudden, M., stone producers, wkrs. & dlrs., 109 Van Sindren av, Brooklyn, N. Y.
Trudell, Geo. E., Co., plumbers' supplies, Manchester, N. H.
True & Blanchard Co., whol. hdwe., Newport, Vt.
True Blue Gum Co., machy., Lansing, Mich.
True Bros., paint brushes, etc., Portland, Me.
True, Clarence, & Son, architects, E. 42nd & Lexington av, New York.
True, L. P., & Co., canned goods, Hope, Me.
True Mfg. Co., hay racks, Eaton Rapids, Mich.
True, Samuel, ship knees, Amesbury, Mass.
True-Tagg Paint Co., Memphis, Tenn.
Trueblood, Wilbur T., architect, Carleton Bldg., St. Louis, Mo.
Trueman, S. S., architect, Portsmouth, N. H.
Truesdell Marble & Granite Co., stone producers, Port Huron, Mich.
Truex, Fred'k M., architect, 1170 B'way, New York.
Truitt & Lingo, veneer mfrs., Dagsboro, Del.
Truitt, Wm. P., & Son, lbr., East Enterprise, Ind.
Trullinger, D. L., lumber, Mulino, Ore.
Trum, E. J., Inc., paper boxes & cartoons, 57 3rd, Brooklyn, N. Y.
Trumbauer, Horace, architect, Land Title Bldg., Phila., Pa.
Trumble, Edwin, lbr., Kingville, S. C.
Trumbower, Werner, architect, Crozer Bldg., Philadelphia, Pa.
Trumbull Elec. Mfg. Co., flexible metallic conduits, etc., Plainville, Conn.
Trumbull, F. S., sheet metal stamping & special tool mfrs., Bridgeport, Conn.
Trumbull Mfg. Co., machsts. & fndrs., Warren, Ohio.
Trumbull Motor Car Co., Bridgeport, Conn.
Trumbull Safe & Vault Co., bank vaults, 77 W. Lake, Chicago, Ill.
Trumbull Steel Co., tin plate products & cold rolled strip steel, Warren, Ohio.
Trumbull Stone & Sand Co., Warren, Ohio.
Trumbull-Vanderpoel Elec. Mfg. Co., enclosed fuses, Bantam, Conn.
Trumbull Wagon Co., Defiance, Ohio.
Trump Bros. Mach. Co., Beech & Anchorage, Wilmington, Del.
Trump, F. & E. D., brass fndrs., Jersey Shore, Pa.
Trump Mfg. Co., machsts. & fndrs., Springfield, Ohio.
Trump Mfg. Co., piston rings, Crown Point, Ind.
Trumpbour-Whitehead Brass & Copper Co., brass, bronze, copper & German silver sheet, wire, rods & tube, 309-311 Canal, New York, & 43 No. Seventh, Philadelphia, Pa.
See adv index at end of book.
Trumpfheller Mfg. Corp., bag holders, 447 Ellicott sq, Buffalo, N. Y.
Trumph Valve Co., radiator valves, Mansfield, Ohio.
Trunck, F. G. (Est. of), brick, Freeport, Ill.
Trunk & Gordon, architects, Donnell-Court Bldg., St. Joseph, Mo.
Trus-con Laboratories, paints, Detroit, Mich.
Truscon Steel Co., building products, Youngstown, Ohio.
Truscott, Pierce Engine Co., machsts. & fndrs., St. Joseph, Mich.
Trusler, Wm., mill & facty. supplies, Eskridge, Kans.
Truslow & Fulle, cork mfrs., 42 Wilson, Brooklyn, N. Y.
Trussell Mfg. Co., loose leaf devices, Poughkeepsie, N. Y.
Truswell, W., & Sons, elec. contrs. & engrs., 16 Cedar, New York.
Truxell, Geo. H., architect, Greensburg, Pa.
Try It Mfg. Co., lunch boxes, Plainville, Conn.
Try-Me Mfg. Co., machinists, bushings, regulators, etc., Springfield, Mass.
Tryber Piano Co., 36 S. State, Chicago, Ill.
Tryon & Brain, contractors, 207 S. B'way, Los Angeles, Cal.
Tryon, Thos., architect, 39 E. 28th, New York.
Tschirgi, M., & Sons, contractors, Cedar Rapids, Ia.
Tschumy & Co., architects, 108 Summit, Toledo, Ohio.
Tsuma, Numa I., architect, 105 Audubon, New York.
Tubb, J. R., wagon & carriage spokes, Sparta, Tenn.
Tubbs Cordage Co., Kohl Bldg., San Francisco, Cal.
Tubbs, W. F., ski mfr., Norway, Me.
Tubby, Josiah Thomas, Jr., archt., 81 Fulton, New York.
Tubby, Wm. B., architect, 81 Fulton, New York.
Tubesing Wm. F., & Co., bldg. contrs., 845½ 38th, Milwaukee, Wis.
Tubman, Wm. S., elevators, 67 Milk, Booston, Mass.
Tubular Htg. & Ventg. Co., hot air furnaces, 232 Quarry, Philadelphia, Pa.
Tubular Rivet & Stud Co., 87 Lincoln, Boston, Mass.
Tubular Woven Fabric Co., flexible mtlc. & interior conduits, Pawtucket, R. I.
Tuck, C. H., contractor, Clyde, N. Y.
Tuck Mfg. Co., hdwe. & cutlery mfrs., Brockton, Mass.
Tucker & Brooks, architects, Marlboro, Mass.
Tucker, C. F., & Co., machsts., 93 Green, Newark, N. J.
Tucker, Chas. E., Mfg. Co., designers of special tools, dies, gauges, etc., York, Pa.
Tucker & Dorsey Mfg. Co., hdwe. mfrs., racks, trucks, etc., Indianapolis, Ind.
Tucker Duck & Rubber Co., Fort Smith, Ark.
Tucker, E. W., & Co., contractors, 347 Fremont, San Fran., Cal.
Tucker, Edw. A., Co., steel structural wk., 683 Atlantic av, Boston, Mass.
Tucker Elec. Constr. Co., elec. contrs. & engrs., 114 W. 30th, New York.
Tucker, F. H. Faye, archt., 8 W. 40th, New York.
Tucker, J. B., contractor, 19 Beechmont, Worcester, Mass.
Tucker & Laxton, reinf. concrete steel const., Charlotte, N. C.
Tucker Mach. Co., 222 E. 9th, Cincinnati, Ohio.
Tucker Mfg. Co., cements, paints, putty, 17 E. 137th, New York.
Tucker, Seth L., contractor, Hornell, N. Y.
Tucker & Son Boiler Works, Newark, Ohio.
Tucker Supply Co., ordinance supplies & small ammunition, York, Pa.
Tucker Tool & Machine Co., hdwe., wholesale, 75 Murray, New York.
Tucker & Vinton, concrete steel const., 216 E. 41st, New York.
Tucker, W. B. & C. F., metal cutting shears, rod cutters, oil hole covers & oil cup mfrs., 516 Asylum, Hartford, Conn.
Tucker Woodwork Co., auto, carriage & wood rims, Sidney, Ohio.
See adv index at end of book
Tuckers Plating Wks., Rochester, N. Y.
Tuckhorn Francis, glass stainer, 366 Atlantic av, B'klyn, N. Y.
Tucson Lumber Co., Tucson, Ariz.
Tucson Pressed Brick Co., Tucson, Ariz.
Tudor Boiler Mfg. Co., 715 E. 3rd, Cincinnati, Ohio.
Tudor & Jones, bale ties, Weedsport, N. Y.
Tuerck, I. K., bank railings, Portland, Ore.
Tuerck & Mackenzie Mach. Co., 160 E. 3rd, Portland, Ore.
Tuerke, Wm. A., trunk mfr., 212 W. Lexington, Baltimore, Md.
Tufford, Allan, architect, Helena, Mont.
Tufting Mach. Supply Co., Detroit, Mich.
Tufts College, engng. schools & coll., Boston, Mass.
Tufts Nat'l Meter Co., 455 Commercial, Boston, Mass.
Tuhey Canning Co., Muncie, Ind.
Tulane Univ. Coll. of Technology, engng. school & coll., 1551 Canal, New Orleans, La.
Tulare County Growers' Assn., canned goods, Porterville, Cal.
Tulite Auto. Bulb Co., 1104 Dime Bk. Bldg., Detroit, Mich.
Tull, J. A., & Son, machs. & fndrs., Canton, Miss.
Tullgren, Martin, & Sons, architects, 133 2d. Milwaukee, Wis.
Tullgren, Martin, & Sons, contractors, 425 E. Water, Milwaukee, Wis.
Tullis & Blanchard, contractors, 326 E. 42d, New York.
Tullis-Gamble Hardware Co., Montgomery, Ala.
Tulloss, I. E., machst. & fndr., Iowa City, Ia.
Tullt & McInnis Co., contractors, Grand Central Terminal, New York.
Tully, C. H., Fence Co., Grand Island, Neb.
Tully, Jas. J., soap, 179 Master, Phila., Pa.
Tully, John J., contractor, 326 E. 42d, New York.
Tully, John J., upholsterers' hammers, Louisville, Ky.
Tully Paint & Varnish Co., Tullytown, Pa.
Tuloch, Jno., architect, Sherman, Tex.
Tulsa Boiler & Machy. Co., Tulsa, Okla.
Tulsa Brick Co., Tulsa, Okla.
Tulsa Fuel & Mfg. Co., zinc, Collinsville, Okla.
Tulsa Glass Co., Tulsa, Okla.
Tulsa Mach. & Tool Co., Tulsa, Okla.
Tulsa Stove Co., machsts. & fndrs., Tulsa, Okla.
Tulsa Stove & Foundry Co., mfrs., Sand Springs, Okla.
Tulsa Vitrified Brick & Tile Co., Tulsa, Okla.
Tumpach, Jos., Cornice Co., 2431 S. Kedzie av, Chicago, Ill.
Tumulty, P., Jr., contractor, 59 Brunswick, Jersey City, N. J.
Tuna Glass Co., benders, Clarksburg, W. Va.
Tuna Iron & Steel Works, machsts. & fndrs., Bradford, Pa.
Tuna Valley Pressed Brick Co., Bradford, Pa.
Tunglok Silo Co., Interstate Bldg., Kansas City, Mo.
Tungsten Mfg. Co., plugs, spark, Marshalltown, Ia.
Tungsten Products Co., tungstic acid, Boulder, Colo.
Tungstolier Works of General Electric Co., machsts. & fndrs., Cleveland, Ohio.
Tunis, Barton M., carriages, Morristown, N. J.
Tunison, Willard E., contractor, 262 Greene av, Brooklyn, N. Y.
Tunmore, A. E., contractor, 496 W. Utica, Buffalo, N. Y.
Tunnel, F. W., & Co., fertilizer & glue mfrs., 15 N. 5th, Philadelphia, Pa.
Tunnessen Mfg. Co., miners' safety lamps, Hazleton, Pa.
Tunstead Heating Co., 1019 6th av, S., Minneapolis, Minn.
Tuohy, T. F., & Co., contractors, 89 Main, New York.
Tuorto Cut Stone Co., Belleville, N. J.
Tupelo Cotton Mills, Tupelo, Miss.
Tupelo Fertz Factory, Tupelo, Miss.
Tupelo Oil & Ice Co., Tupelo, Miss.
Tupper, Allen, masons' & bldrs.' matls., 625 S. Peters, New Orleans, La.
Tupper, J. E., architect, Pomeroy, Wash.
Tupper, Jno., ladders, Lynn, Mass.
Turberville, J. K., contractor, El Paso, Tex.
Turbine Equipment Co., 50 Church, New York.
Turbine Sewer Machine Renovating Co., 197 11th, Milwaukee, Wis.
Turbyfill, David W. F., architect, 5414 N. Racine av, Chicago, Ill.
Turchin Co., portables, 536 W. 23rd, New York.
Turck, Joseph, architect, 770 Bergenline av, West New York, N. J.
Tures Mfg. Co., gasoline lighting systems, 386 6th, Milwaukee, Wis.
Turgeon, E., contractor, 86 Weybosset, Providence, R. I.

Turk, C. Hubert, architect, Livingston, Mont.
Turk, Jos., Mfg. Co., machsts. & fndrs., Bradley, Ill.
Turkeltaub, M., & Son, buckles, buttons, 38 E. 12th, New York.
Turkey Knob Coal Co., coke mfr., Charlestown, W. Va.
Turl Iron & Car Co., Inc. (The), cars, tanks, etc., 50 Broad, New York.
Turley Gear & Machine Co., St. Louis, Mo.
Turley, H. G., machst., St. Louis, Mo.
Turley, T. J., Co., fertz. mfrs., Owensboro, Ky.
Turnbull, B. F., architect, Everett, Wash.
Turnbull, Bayard, architect, 328 N. Charles, Baltimore, Md.
Turnbull, C. D., architect, Junction City, Ky.
Turnbull, Gilbert M., & Gray, Frank B., architects, 1210 La Salle, Chicago, Ill.
Turnbull, J. W., Lumber Co., Stock Exchange Bldg., Phila., Pa.
Turnbull Mfg. Co., machsts., 115 Vine, Columbus, Ohio.
Turner, Alfred C., architect, 683 Atlantic av, Boston, Mass.
Turner Bedding Factory, Pine Bluff, Ark.
Turner Brass Works, hdwe. mfrs., heavy, furnaces, stoves & heaters, Sycamore, Ill.
Turner Bros., rubber & ink erasers, 1022 Arch, Phila., Pa.
Turner Bros. Co., glass bottles, Terre Haute, Ind.
Turner, C. A. P., concrete steel constr., 627 1st av, N., Minneapolis, Minn.
Turner, C. H., & Co., contractors, Pensacola, Fla.
Turner, Chas. A., Inc., steam fitters' supplies, 3d av & Chancery, Pittsburgh, Pa.
Turner, Chas. H., whol. hdwe., Albany, N. Y.
Turner Concrete Steel Co., 1713 Sansom, Philadelphia, Pa.
Turner Constr. Co., 244 Madison av, New York.
Turner Contracting Co., Youngstown, Ohio.
Turner, Daniel, lumber, Lynchburg, Ohio.
Turner, Day & Woodworth Handle Co., Louisville, Ky.
Turner & Deegan, bit braces & screw drivers, Bristol, Conn.
Turner, E. H., flour mills, Henning, Tenn.
Turner, Edward F., contractor, 13 Jackson, Salem, Mass.
Turner, F. A., contractor, 1728 Lunt av, Chicago, Ill.
Turner, F. C., & Co., sashes, doors & blinds, Mobile, Ala.
Turner Fixture Co., Hannibal, Mo.
Turner-Fricke Mfg. Co., gas engines, Farmers' Bank Bldg., Pittsburgh, Pa
Turner, G. H., Co., plumbers' supplies, 1052 N. Alameda, Los Angeles, Cal.
Turner, H. H., architect, Board of Education, Grand Rapids, Mich.
Turner Hardware & Implement Co., Modesto, Cal.
Turner & Harrison Pen Mfg. Co., 1211 Spring Garden, Philadelphia, Pa.
Turner Heater Co., hot air furnaces, Bristol, Conn.
Turner Heating Co., regulators, 143 Eddy, Providence, R. I.
Turner, Hy, archl. iron, 4737 N. Front, Philadelphia, Pa.
Turner, J. C., Lumber Co., 50 E. 42d, New York.
Turner, J. H., masons' & bldrs.' matls., Wichita, Kans.
Turner, J. S., Mfg. Co., mill & facty. supplies, Lowell, Mass.
Turner, J. Spencer, Co., cotton duck, etc., 86 Worth, New York.
Turner, J. W., Improvement Co., contractors, Des Moines, Ia.
Turner, Jas., & Sons, sashes, doors & blinds, Grand Forks, N. D.
Turner, Jerry B., sash, door & blind mfrs., Mount Kisco, N. Y.
Turner, Jno. F., common brick, Atlantic City, N. J.
Turner, Jno., Son, machsts., 1108 E. Cary, Richmond, Va.
Turner, Laurin H., & Co., brattice cloth, 160 W. Jackson blvd, Chicago, Ill.
Turner Lead Co., E. St. Louis, Mo.
Turner, Mac, architect, Hammond, Ind.
Turner Machine Co., brass & grey iron castings, hat machinery, etc., Danbury, Conn.
Turner Machine Co., 75 Fulton, New York, & 3632 N. Lawrence, Philadelphia, Pa.
Turner Mfg. Co., mchsts. & fndrs., Port Washington, Wis.
Turner Oil Filter Co., Niles, Mich.
Turner, S. B., & Son, stencils, Norfolk, Va.
Turner, Samuel R., architect, 807 Mt. Vernon pl, N. W., Washington, D. C.
Turner & Seymour Mfg. Co., hardware mfrs., machinists & founders, etc., Torrington, Conn.
Turner & Stanton Co., cords, wire goods, etc., Norwich, Conn.
Turner Supply Co., mill & facty. supplies, Mobile, Ala.
Turner Supply Co., plumbers' supplies, jobbers, Chester, Pa.
Turner, T. J., handles, Marked Tree, Ark.
Turner Tanning Machinery Co., hides & leather working machines, Peabody, Mass.
Turner & Vanscoy Co., heating contrs., Wilkes-Barre, Pa.
Turner, Vaughn & Taylor Co., rubber & wire mill machinery, Cuyahoga Falls, Ohio. *See adv. index at end of book.*
Turner, W. C., heating contrs., 441 Hubbard av, Detroit, Mich.
Turner, W. R., common brick, Petersburg, Va.
Turner-White Coffin Co., Winston-Salem, N. C.
Turners Falls Cotton Mills, cotton sheetings, Turners Falls, Mass.
Turnes, W. J., Co., contractors, 35 S. Dearborn, Chicago, Ill.
Turney, ties, poles & posts, Medora, Ind.
Turney, Albert, architect, 3849 Charlotte, Kansas City, Mo.
Turney, Eugene T., Co., wireless instruments, 2595 3d av, New York.
Turney, Joel, & Co., wagons, sleds, Fairfield, Ia.
Turnock, E. Hill, architect, Elkhart, Ind.
Turnquist Bros., contractors, 217 E. 69th pl, Chicago, Ill.
Turon, L. P., architect, Pittston, Pa.
Turon & Swartz, contrs., Pittston, Pa.
Turpin, J. A., contractor, Norfolk, Va.
Turpin, Wm. L., & Son, contractors, Stone Harbor, N. J.
Turpsene Mfg. Co., turpentine substitute, 1901 Callowhill, Philadelphia, Pa.
Turtle Lake Lumber Co., Grand Rapids, Mich.
Turton, C. B., Co., rosin mfrs., turpentine, 16 Exch. pl, New York.
Turton, L. M., architect, Napa, Cal.
Turveville, Robert E., architect, 301½ Church, Nashville, Tenn.
Tusant, J. E., & Son Co., contractors, Des Moines, Ia.
Tuscaloosa Cotton Seed Oil Co., Tuscaloosa, Ala.
Tuscaloosa Iron Works, Tuscaloosa, Ala.
Tuscaloosa Mills, cotton sheetings, Tuscaloosa, Ala.
Tuschinsky, Alex., architect, Indiana Pythian Bldg., Indianapolis, Ind.
Tusclometa Spoke Co., Forest, Miss.
Tuscora Sand & Coal Co., 719 Prospect-Hippodrome Bldg., Cleveland, Ohio.
Tuskegee Normal & Industrial School, engng. schools & coll., Tuskegee, Ala.
Tuten, W. G., lumber, Letford, Ga.
Tuthill Building Material Co., 131 W. 63d, Chicago, Ill.
Tuthill Cut Glass Co., Middletown, N. Y.
Tuthill, J. W., Lumber Co., Sioux Falls, S. D.
Tuthill, S. E., architect, Corning, N. Y.
Tuthill Spring Co., 760 Polk, Chicago, Ill.
Tuthill & Thorn, machsts., Greenport, N. Y.
Tuthill, Wm. Burnett, architect, 105 E. 22d, New York.
Tutschek, F., surgical instruments, 209 Centre, New York.
Tutt & Fowler, cornices, Jacksonville, Fla.
Tuttle-Bailey Mfg. Co., mchsts. & fndrs., 79 N. 10th, Brooklyn, N. Y.
Tuttle, Bloodgood, architect, 44 W. 33rd, New York.
Tuttle Brick Co., Middletown, Conn.
Tuttle Bros., masons' & bldrs.' matls., Englewood, N. J.
Tuttle Bros., masons' & bldrs.' matls. & sash, door & blind mfrs., Westfield, N. J.
Tuttle, Chas. W., iron rolling mills, ft. of McMaster, Auburn, N. Y.
Tuttle & Clark, harness, trunks, Detroit, Mich.
Tuttle & Co., canned goods, McConnellsville, N. Y.
Tuttle, E. N., & Co., turned wood nov., Beverly, Mass.
Tuttle, H. Scott, contractor, Swampscott, Mass.
Tuttle, Harry W., architect, 437 5th av, New York.
Tuttle, J. F., architect, 1311 Bav, Cedar Rapids, Ia.
Tuttle Paint & Glass Co., El Paso, Tex.
Tuttle Press Co., bottle caps, paper, etc., Appleton, Wis.
Tuttle, R. & Co., flour, Columbia City, Ind.
Tuttle, Sheridan A., contr., Decatur, Ill.
Tuxbury, A. C., Lumber Co., Charleston, S. C.
Tuzo, Paul B., architect, 122 E. 25th, New York.
Tweed & Rau, signs, 1027 W. Madison, Chicago, Ill.
Tweed & Woodruff, contractors, Newburgh, N. Y.
Tweedy & Bernhard, masons' & bldrs.' matls., Hopedale, Ohio.
Tweedy Co., soapmakers' supplies, 24 California, San Francisco, Cal.
Tweenden & Mills, contrs., Prov. Bldg., Tacoma, Wash.
20th Century Brass Works, 231 5th av, S., Minneapolis, Minn.
20th Centry Brass Wks., cocks, Belleville, Ill.
20th Century Garage, auto, windshields, South Bend, Ind.
20th Century Heating & Ventilating Co., Akron, Ohio.
20th Century Machy. Co., Nat'l. Bank Bldg., Milwaukee, Wis.
20th Century Mineral Flooring Co., composition flooring, 1210 Buttonwood, Philadelphia, Pa.
20th Century Mixer Co., machsts., Connersville, Ind.
20th Century Storm Buggy Co., carriages, St. Henry, Ohio.
20th Century Tire Protector Co., Midlothian, Tex.
Twigg, Jno., & Sons, motor boat bldrs., 698 Illinois, San Francisco, Cal.
Twiggs, A. J., & Sons, contractors, Augusta, Ga.
Twin City Art Glass Works, 14 E. Lacock, Pittsburgh, Pa.
Twin City Bedding Co., mattresses, Marinette, Wis.
Twin City Boiler Works, Inc., Bristol, Va.
Twin City Brick Co., Cap. Bk. Bldg., St. Paul, Minn.
Twin City Carriages Works, St. Paul, Minn.
Twin City Co., contractors, 29th & Minnehaha av, Minneapolis, Minn.
Twin City Cut Glass Co., St. Paul, Minn.
Twin City Four Wheel Drive Co., University & Pelham, St. Paul, Minn.
Twin City Fdy. & Mach. Co., Texarkana, Tex.
Twin City Fuel Co., sewer pipe, tile drains, etc., Neenah, Wis.
Twin City Iron & Wire Works, 25 W. Water, St. Paul, Minn.
Twin City Iron Works, Norfolk, Va.
Twin City Lines, steel castings, St. Paul, Minn.
Twin City Lumber Co., North Tonawanda, N. Y.
Twin City Machine Co., Power Bldg., Nic. Isl., Minneapolis, Minn.
Twin City Mill Co., flour, Bristol, Tenn.
Twin City Oil Co., 210 N. 1st, Minneapolis, Minn.
Twin City Packing Co., meat packers, Menominee, Mich.
Twin City Rapid Transit Co., 11th & Hennepin av, Minneapolis, Minn.
Twin City Separator Co., 30th & Colfax av, S., Minneapolis, Minn.

Twin City Tank Silo & Specialty Co., 38th av, & N. E. 5th, Minneapolis, Minn.
Twin City Tiling Co., floor mosaics, 16 W. North av, N. S., Pittsburgh, Pa.
Twin City Varnish Co., 521 Cleveland av, St. Paul, Minn.
Twin Fire Furnace Co., grates & furnaces, 38 S. Dearborn, Chicago, Ill.
Twin Peaks Canning Co., Salt Lake City, Utah.
Twin Water Heater Co., Robinson, Ill.
Twine Mills Corp., cotton, Roanoke, Va.
Twining, S. B., & Co., stone producers, Stockton, N. J.
Twinplex Sales Co., razor stroppers, 1602 Locust, St. Louis, Mo.
Twinvolute Pump & Mfg. Co., 55 William, New York.
Twinvolute Pump & Mfg. Co., elec. pumps, High, Newark, N. J.
Twiss Nelson W., machsts., New Haven, Conn.
Twist, Ernest, architect, 229 Main av, Passaic, N. J.
Twisted Wire & Steel Co., box straps & metal shipping room supplies, 437 11th av, New York.
Twitchell-Champlin Co., canned goods & corn brooms, Portland, Me.
Twitchell Gauge Co., 1516 S. Wabash av, Chicago, Ill.
Twitchell, S., Co., carbonators, 223 Vine, Philadelphia, Pa.
Twitmire, W. T., cornices, Bellefonte, Pa.
Two Rivers Dredge & Dock Co., Two Rivers, Wis.
Two Rivers Plating Works, Two Rivers, Wis.
Twohig, James, contractor, Northampton, Mass.
Twohy Bros. Co., contractors, 219 E. 60th, Portland, Ore.
Twohy Bros., Co., contrs., San Diego, Cal.
Tyaskin Packing Co., Tyaskin, Md.
Tyer Rubber Co., Andover, Mass.
Tygarts River Lumber Co., Mill Creek, W. Va.
Tyger Shoals Milling Co., fertilizer mfrs., Duncan, S. C.
Tygert, J. E., Co., fertilizer mfrs., 28 S. Delaware av, Philadelphia, Pa.
Tyler, A. F., Co., sash, door & blind, Athol, Mass.
Tyler-Brandt & Tyler, architects, Richards Bldg., Lincoln, Neb.
Tyler, C. B., turpentine, Albany, Ga.
Tyler Can Co., 1409 Eastern av, Baltimore, Md.
Tyler Canning & Pickling Co., Tyler, Tex.
Tyler Coal & Coke Co., Land Title Bldg., Philadelphia, Pa.
Tyler & Co., contractors, 2730 Nicollett av, Minneapolis, Minn.
Tyler Cotton Oil Co., meal, Tyler, Tex.
Tyler & Claytona, architects, 95 Bank, Waterbury, Conn.
Tyler, D. D., fndrs., Millville, N. J.
Tyler, Frank M., architect, Black Bldg., Los Angeles, Cal.
Tyler, Fred. A., plumbers' brackets, generators, etc., Albany, N. Y.
Tyler, George H., architect, Winthrop, Mass.
Tyler-Hall Chemical Co., wood alcohol, Hancock, N. Y.
Tyler & Hippach, plate glass, 366 W. Ohio, Chicago, Ill.
Tyler, Jas. R., architect, German Ins. Bldg., Rochester, N. Y.
Tyler, M. H., Co., ladders, Portland, Me.
Tyler & Seager, masons' & bldrs.' matls., 315 N. Charles, Baltimore, Md.
Tyler Tube & Pipe Co., Washington, Pa.
Tyler Underground Heating System, 815 S. Canal, Pittsburgh, Pa.
Tyler, W. C., architect, Lincoln Bldg., Louisville, Ky.
Tyler, W. J., masons' & bldrs.' matls., Cape May Court House, N. J.
Tyler, W. S., Co., ornamental iron and bronze, wire cloth and screen, etc., Cleveland, Ohio. *See adv index at end of book.*
Tynan, J. W., architect, Arlington, Vt.
Tyne & Willey, contractors, Binghamton, N. Y.
Tyner, E. D., Constr. Co., Railway Exchange Bldg., Kansas City, Mo.
Typeribbon Mfg. Co., 711 S. Dearborn, Chicago, Ill.
Typhoon Fan Co., ventilating fans, 1544 B'way, New York.
Typhoon Signal Co., auto. horns, 20 Chicago, Lincoln, Ill.
Tyre, Philip S., architect, 1509 Arch, Philadelphia, Pa.
Tyrell, B. B., hot air furnace mfrs., Moline, Ill.
Tyrell, John Boardman, architect, 901 Florida av, N. W., Washington, D. C.
Tyrie & Chapman, architects, Auditorium Bldg., Minneapolis, Minn.
Tyroler, Leo., arch'l iron, 101 W. 88th, New York.
Tyrolese Art Glass Co., 25 W. Broadway, New York.
Tyron, Edw. K. Co., sporting goods mfrs., 611 Market, Philadelphia, Pa.
Tyrone Ironing Board Co., Tyrone, Pa.
Tyrone Mercantile Co., fertilizer mfrs., Washington, Ga.
Tyrone Milling Co., flour, Tyrone, Pa.
Tyrrell, A. H., & Son, machinists, Tyrrell, Ohio.
Tyrrell, Harlan P. machst., Fitchburg, Mass.
Ty-Sa-Man-Mach. Co., Knoxville, Tenn.
Tyson Bros., Inc., rubber substitutes, Carteret, N. J.
Tyson Co., ice cream freezers, Canton, Ohio.
Tyson, Frank, cornices, 759 N. Market, Philadelphia, Pa.
Tyson, J., & Son, fertilizer mfrs., Frederick, Md.
Tyson, Jacob L., masons' & bldrs.' matls., 900 Jeff, Phila., Pa.
Tyson & Jones Buggy Co., Carthage, N. C.
Tyson, Wears & Co., contractors, 201 Devonshire, Boston, Mass.

Ubbink, Jos., curb forms, Port Washington, Wis.
Uchtman, F. H., & Co., mattresses, 209 Woodward, Cincinnati, O.
Udall, Jno. C., contractor, 29 W. 34th, New York.
Udell-Predock Mfg. Co., piano benches, 2315 N. B'way, St. Louis, Mo.
Udell Wks., woodenware & novelties mfrs., Indianapolis, Ind.
Udstad, S., machsts., Aurora, Ill.
Uehling Instrument Co., machsts., 71 B'way, New York.
Uffendell, Wm. G., architect, 39 S. State, Chicago, Ill.
Ufford, Frank M., cotton towels, Norwich, Conn.
Ufherl, Joseph, & Co., contractors, 34 Ophir, Boston, Mass.
Uhdey, C. W., contractor, Warren, Pa.
Uhl-Jaster Co., contractors, 1900 Euclid av, Cleveland, Ohio.
Uhl, M., & Co., incubators, New Washington, Ohio.
Uhl Pottery Co., Evansville, Ind.
Uhlen Carriage Co., children's carriages, Rochester, N. Y.
Uhler & English, cordage mfrs., 106 N. Delaware, Phila., Pa.
Uhler, J. N., architect, Wapakoneta, Ohio.
Uhlfelder, Leo, Co., bronze powder, 130 W. 29th, New York.
Uhlich, Paul, & Co., color mfrs. rubber substitutes, 11 Cliff, New York.
Uhrich Planing Mill Co., Independence, Kans.
Uhrichsville Clay Co., Uhrichsville, Ohio.
Uihlein, Julius, & Co., mill & facty. supplies, 208 Elm, Cincinnati, Ohio.
Ukiah Milling Co., flour, Ukiah, Cal.
Ulary, Chas. R., canned goods, North East, Md.
Ulco Oil Co., Detroit, Mich.
Ulen Contracting Co., 38 S. Dearborn, Chicago, Ill.
Ulfers Holtum Mfg. Co., name stamps, anti-skid chains, vapor lamps, etc., Freeport, Ill.
Ulinski, A., Bldg. Co., contrs., New Britain, Conn.
Ulko Supply Co., steam fitters' supplies, Cleveland, Ohio.
Ullery, S. W., & Son, mill & facty. supplies, whol. hdwe., Logansport, Ind.
Ullman, D., Sons, scrap iron, steel & rubber, Buffalo, N. Y.
Ullman, E., & Sons, Inc., who. hdwe., 47 Murray, New York.
Ullman, Jacob, scrap iron & steel, 84 Oneida, Buffalo, N. Y.
Ullman Mfg. Co., steaming trays, 338 E. 59th, New York.
Ullman Philpott Co., roofing paints, 4805 Lexington, Cleveland, Ohio.
Ullman, Sidney M., architect, Chamber of Commerce, Birmingham, Ala.
Ullman, Sigmund, Co., printing inks, 146th & Park av, New York.
Ullom, W. A., architect, House Bldg., Pittsburgh, Pa.
Ullrich, Albert, archit., 373 Fulton, Brooklyn, N. Y.
Ullrich, August G., sash, door & blind mfrs., 3864 Archer av, Chicago, Ill.
Ullrich & Hoffman, architect, 373 Fulton, Brooklyn, N. Y.
Ullrich, J., & Co., fountain pen mfrs., 27 Thames, New York.
Ullrich, R. C., Hardware Co., Mount Clemens, Mich.
Ulmer, J. C., Co., machsts., Cleveland, Ohio.
Ulmer, Jacob, Packing Co., meat packers, Pottsville, Pa.
Ulmer Leather Co., belt cements, Norwich, Conn.
Ulmer, M. W., turpentine, Largo, Fla.
Ulmer, Theo. C., hand made spikes, Richmond & E. Col., Philadelphia, Pa.
Ulmer, Wm. H., Co., stone, ft. of Chestnut, St. Paul, Minn.
Ulrey, A. A., & Co., flour mills, Fairmount, Ind.
Ulrich Co., mill & facty. supplies, shuttles, Paterson, N. J.
Ulrich & Co., polishes, 363 E. North, Buffalo, N. Y.
Ulrich Mfg. Co., agricultural implements, Rock Falls, Ill.
Ulrich Mfg. Co., harness, saddles & strap wk. mfs., Kokomo, Ind.
Ulseth, Edw., contractor, Calumet, Mich.
Ulster Iron Wks., brass fndrs., Dover, N. J.
Ulster Paint Wks., Ellenville, N. Y.
Ulster Tissue Mills, Inc., Napanoch, N. Y.
Ultcht, A. A., contractor, Mount Vernon, N. Y.
Ultramarine Co., ultramarine blues, 38 Park Row, New York.
Umbach, F. G., agricultural implements, Athens, Ga.
Umberger, J. R., & H. G., machst., Lebanon, Pa.
Umbrecht, Max, archit., Arcade Bldg., Seattle, Wash.
Umlauf, J. A., machsts., 9 S. 15th, Richmond, Va.
Umpqua Cooperative Packing Co., canned goods, Gardiner, Ore.
Umstead Power Ditcher Co., ditching machy., Upper Sandusky, Ohio.
Unadella Silo Co., Unadella, N. Y.
Uncasville Mfg. Co., denims, Uncasville, Conn.
Unckrich Machine Co., Galion, Ohio.
Uncle Sam Oil Co., petroleum, Kansas City, Kans.
Undeland, A. L., chairs (barbers), Omaha, Neb.
Under Feed Stoker Co. of America, mechl. stokers, 111 W. Monroe, Chicago, Ill.
Underhay Oil Co., lubrg., 73 Batterymarch, Boston, Mass.
Underhill Bros., hatches, 6 Sherman, Charlestown, Boston, Mass.
Underhill, Clinch & Co., whol. hdwe., 84 White, New York.
Underhill, D., Jr., & Co., lbr., Erie Co. Band Bldg., Buffalo, N. Y.
Underhill Dillen, flour mills, Mountain Home, Ark.
Underhill Hdwe. Co., Somerville, Mass.
Underhill, L. W., architect, Bryant Bldg., Kansas City, Mo.
Underpinning & Foundation Co., 290 B'way, New York.
Underwood Comput'g Mach. Co., 260 Gold, Brooklyn, N. Y.
Underwood, F. J., mill & facty. supplies, Jamestown, N. Y.
Underwood, H. B., & Co., machy. mfrs., 1025 Hamilton, Philadelphia, Pa.
Underwood, H. T., architect, 46 Cornhill, Boston, Mass.

Underwood, John, & Co., printing & writing inks, carbon paper, etc., 30 Vesey, New York.
Underwood, Loring, landscape arch., 15 Exchange, Boston, Mass.
Underwood Mfg. Co., loose leaf devices, 717 Sycamore, Cincinnati, Ohio.
Underwood Mercer Construction Co., Springfield, Mo.
Underwood, N., contractor, Durham, N. C.
Underwood Paper Mills, Inc., Plattsburg, N. Y.
Underwood Typewriter Co., 30 Vesey, New York.
Underwood & Underwood, steroscopes, etc., 417 5th av, New York.
Underwood Veneer Co., Wausau, Wis.
Underwood, W., Co., canned goods, 52 Fulton, Boston, Mass.
Underwood Whip Co., Westfield, Mass.
Underwood, Wm. J., machsts., Ava, Ill.
Underwriters Hatch Door Co., 1741 Walnut, Chicago, Ill.
Underwriters' Laboratories, 207 E. Ohio, Chicago, Ill.
Unger Bros., silver nov., 416 Halsey, Newark, N. J.
Unger, F. S., Plbg. & Htg. Co., cornices, Niles, Ohio.
Unger, John F., Co., slate blackboards, Slatington, Pa.
Unger & Park, architects, Storm Lake, Ia.
Unger, Warren, htg. contrs., Shamokin, Pa.
Unger, William, architect, Bucyrus, Ohio.
Unger, Wm., & Bro., silk fringes, tassels, auto. binding, etc., 496 B'way, New York.
Ungerer & Co., oils, 124 W. 19th, New York.
Ungrodt, B., cornices & skylights, Washburn, Wis.
Uniflow Boiler Co., Harrison Bldg., Philadelphia, Pa.
Uniform Fibrous Talc. Co., 280 Madison, New York.
Unilectric Corp., elec. light plants, Detroit, Mich.
Union Almn. Co., aluminum combs, Doylestown, Ohio.
Union Asphalt Construction Co., American Central Life Bldg., Indianapolis, Ind.
Union Bag & Paper Corp., 233 B'way, New York.
Union Battery Co., Belleville, N. J.
Union Belt Co., Fall River, Mass.
Union Belting Co., 400 N. 2d, St. Louis, Mo.
Union Bending Wks., neck yokes, Collins, Ohio.
Union Blind & Ladder Co., Oakland, Cal.
Union Boiler & Mfg. Co., Lebanon, Pa.
Union Boiler Wks., 67 S. Center, Columbus, Ohio.
Union Bow Co., auto., carriage & wagon bows, Cleveland, O.
Union Brass Foundry, Los Angeles, Cal.
Union Brass Fndry. Co., Lowell, Mass.
Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.
Union Brick Co., Iola, Kans., San Diego, Cal., & Shamokin, Pa.
Union Bridge & Const. Co., contrs., Sharp Bldg., Kansas City, Mo.
Union Bridge & Constr. Co., Shipbldrs., Morgan City, La.
Union Buffalo Mills Co., sheetings, Union, S. C.
Union Buggy & Mfg. Co., Florence, Ala.
Union Builders Co-operative Contr. Co., Dunkirk, N. Y.
Union Building & Constr. Co., masons' & bldrs.' matls., Passaic, N. J.
Union Button Sewing Co., 394 Atlantic av, Boston, Mass.
Union Carbide Sales Co., 30 E. 42d, New York.
Union Carpet Lining Co., 79 Summer, Boston, Mass.
Union Casein Co., 2314 Wood, Philadelphia, Pa.
Union Cement & Lime Co., Louisville, Ky.
Union Chain & Mfg. Co., Seville, Ohio.
Union Charcoal Co., Straight, Pa.
Union Chemical Wks., fertilizer mfrs., North Wales, Pa.
Union City Body Co., auto. bodies, Union City, Ind.
Union City Canning Co., Union City, Tenn.
Union City Carriage Mfg. Co., Union City, Pa.
Union City Chair Co., Union City, Pa.
Union City Hoop & Lbr. Co., Union City, Ind.
Union City Lbr. Co., ties, poles & posts, Grand Rapids, Mich.
Union City Wheel Co., machsts. & fndrs., Union City, Ind.
Union Clay Products Co., Bloomingdale, Ind.
Union Coal Co., masons' & bldrs.' matls., Chillicothe, Ohio.
Union Coal & Supp. Co., masons' & bldrs.' matls., Union City, Pa.
Union College, engng. school & coll., Schenectady, N. Y.
Union Construction Co., 604 Mission, San Francisco, Cal.
Union Construction & Bldg. Co., Louisville, Ky.
Union Cooperage Co., 2d & Penrose, St. Louis, Mo.
Union Cornice Co., 5 Bark, Providence, R. I.
Union Cotton Bagging Corp., Norfolk, Va.
Union Cotton Mills, Lafayette, Ga.
Union Cotton Oil Co., Fitzgerald, Ga.
Union Cutlery Co., Olean, N. Y.
Union Cypress Co., lumber, Hopkins, Fla.
Union Dist. Co., 3d & Race, Cincinnati, Ohio.
Union Draft Gear Co., McCormick Bldg., Chicago, Ill.
Union Drawn Steel Co., steel products, Beaver Falls, Pa.
Union Drop Forge Co., 358 W. Grand av, Chicago, Ill.
Union Dry Rock & Repair Co., Weehawken, N. J.
Union Elec. Co., clamps & inc. lamp coloring, 3721 Grant blvd, Pittsburgh, Pa.
Union Elec. Co., plugs, elec. lamp sockets, etc., Trenton, N. J.
Union Elec. Mfg. Co., comealongs or wire pullers, Pekin, Ill.
Union Electric Mfg. Co., electric controlling apparatus, 110 Reed, Milwaukee, Wis.
Union Elec. Mfg. Co., machsts., South Bend, Ind.
Union Electrical Porcelain Wks., Trenton, N. J.
Union Emblem Co., pins, Palmyra, Pa.
Union Engineering Co., machsts., Cuyahoga & W. 4th, Cleveland, Ohio.
Union Envelope Co., envelope mfrs., Richmond, Va.
Union Excelsior Lubrg. Co., 229 Front, New York.
Union Fertilizer Co., Cullman, Ala., Calif. Bldg., Los Angeles, Cal., & Warrenton, Ga.
Union Fibre Co., Winona, Minn.
Union Filter & Nov. Co., 73 Franklin, New York.
Union Fishermen's Co-operative Packing Co., Astoria, Ore.
Union Forging Co., Union, N. Y.
Union Fork & Hoe Co., Columbus, Ohio.
Union Foundry, Uniontown, Pa.
Union Fndry. Co., Anniston, Ala., & Fitchburg, Mass.
Union Fdry. & Mach. Co., Pittsburgh, Pa.
Union Foundry Works, First Nat. Bank Bldg., Chicago, Ill.
Union Furnace Co., blast, Ironton, Ohio.
Union Furnace Mfg. Co., machsts. & fndrs., Union Furnace, Pa.
Union Furniture Co., music cabinets, Rockford, Ill.
Union Furniture & Nov. Co., Warren, Pa.
Union Gas Burner Co., 369 Ellicott, Buffalo, N. Y.
Union Gas Engine Co., Oakland, Cal.
Union Gas Fixture Co., 361 W. 42d, New York.
Union Gear & Mach. Co., 27 Purchase, Boston, Mass.
Union Gin & Oil Co., meal, Eliasville, Tex.
Union Glass Co., Somerville, Mass.
Union Glue Corp., 41 Pearl, New York.
Union Granite Co., Portland, Me., & Morrisville & Waterbury, Vt.
Union Guano Co., Winston-Salem, N. C.
Union Hardware Co., Marietta, O., Torrington, Conn., & Union, S. C.
Union Hardware & Metal Co., 401 E. 1st, Los Angeles, Cal.
Union Hide Co., tallow, Third & Harrison, Oakland, Cal.
Union Horse Nail Co., 1524 W. 22d, Chicago, Ill.
Union Industrial Wks., shipbldrs., main office, Oakland, Cal., San Francisco office, 604 Mission.
Union Insulating Co., cold storage insulation, Great Northern Bldg., Chicago, Ill.
Union Interior Finish Co., 5319 S. La Salle, Chicago, Ill.
Union Iron & Brass Fndry., Muncie, Ind.
Union Iron Fdry., Union, S. C.
Union Iron & Steel Co., 1610 Reeding rd, Cincinnati, Ohio.
Union Iron Works, corn & flour mill machy, etc. (dealers), Decatur, Ill.
Union Iron Wks., machsts. & fndrs., Bellingham, Wash., Hoboken, N. J., Houston, Tex., Los Angeles, Cal., McAlester, Okla., Minneapolis, Minn., Spokane, Wash., & Sacramento, Cal.
Union Iron Wks., mill & facty. supplies, Bangor, Me.
Union Iron Works, steam boilers, Erie, Pa.
Union Iron Wks. Co., dock bldrs., 20th & Michigan, San Francisco, Cal.
Union Iron Wks. Co., machsts. & fndrs., Selma, Ala.
Union Jack Co., Bloomfield, Ind.
Union Knitting Mills, sweaters, etc., 53 N. 3d, Philadelphia, Pa.
Union Knitting Mills Co., Logan, Utah.
Union Knitting Wks., sweaters, cardigans, etc., 110 Thatford av, Brooklyin, N. Y.
Union Lthr. Measuring Mach. Co., Daurisport, Mass.
Union Lime Co., Los Angeles, Cal., Pabst Bldg., Milwaukee, Wis.
Union Lime & Stone Co., Salt Lake City, Utah.
Union Limestone Co., Youngstown, Ohio.
Union Lock Stitch Co., mchsts. & fndrs., E. Boston, Mass.
Union Lumber & Barrel Co., Union, Me.
Union Lumber & Box Mfg. Co., Atlanta, Ga.
Union Lumber Co., Bakersfield, Cal., & New Orleans, La.
Union Lumber Co., Crocker Bldg., San Francisco, Cal.
Union Lumber Mfg. Co., Cumberland, Md.
Union Mach. Co., Bartlesville, Okla.; Fitchburg, Mass.; St. Paul, Minn.; San Francisco, Cal., & Worcester, Mass.
Union Machine Works, Oakland, Cal.
Union Mach. Works & Iron Fndry., 1821 S. Water, Phila., Pa.
Union Machinery & Supply Co., 528 1st av., S., Seattle, Wash.
Union Malleable Iron Co., East Moline, Ill.
Union Mfg. Co., bread boards, Cambridge, Ohio.
Union Mfg. Co., machsts. & fndrs., Boyertown, Pa., & New Britain, Conn.
Union Mfg. Co., sashes, doors & blinds, Greenville, Fla.
Union Mfg. Co., paper & pulp mills, Oconto Falls, Wis.
Union Mfg. & Lumber Co., wooden barrows, Northville, Mich.
Union Match Co., Duluth, Minn.
Union Mattress Co., Owosso, Mich.
Union Mattress Co., Sioux City, Ia.
Union Meat Co., packers, North Portland, Ore., & San Antonio, Tex.
Union Metal Corner Co., metal corner bends mfrs., 18 Heath, Boston, Mass.
Union Metal Goods Co., wire specialties mfrs., Pawtucket, R. I.
Union Metal Mfg. Co., columns & posts, Canton, Ohio.
Union Metal Works, cleanouts, traps, plugs, etc., Chelsea, Mass.
Union Metallic Cartridge Co., machsts., Bridgeport, Conn.
Union Mill, paper, Bancroft, Mass.
Union Mill Co., masons' & bldrs.' matls., Santa Barbara, Cal.
Union Mill Gin & Warehouse Co., flour, Corinth, Miss.
Union Mills, sweaters, cardigans, etc., Hudson, N. Y.

Union Mills Paper Mfg. Co., New Hope, Pa.
Union Mining Co. of Alleghany County, fire clay & brick, Mt. Savage, Md.
Union Motor Truck Co., Bay City, Mich.
Union Oil Co. of Cal., Los Angeles, Cal.
Union Oil Works, lubricating, Erie, Pa., & Rochester, N. Y.
Union Packing Co., canned goods, Omaha, Neb.
Union Paint Co., South av & B. & O. R. R., Pittsburgh, Pa.
Union Paper Co., 844 Washington, New York.
Union Paper Mill Co., paper bags, Monongahela, Pa.
Union Paper & Twine Co., 125 St. Clair av, Cleveland, O., & 538 Brisbane Bldg., Buffalo, N. Y.
See adv index at end of book.
Union Paving Co., 108 S. La Salle, Chicago, Ill.
Union Pearl Works, handles, buttons, etc., 43 W. 27th, New York.
Union Pencil Co., 33 Union sq, New York.
Union Petroleum Co., lubricating oils & greases, etc., Widener Bldg., Phila., Pa.
Union Phosphate Co. of Georgia, fertilizer mfrs., Union City, Ga.
Union Pipe Co., Owensville, Mo.
Union Polish Co., 80 Barclay, New York.
Union Polishing & Plating Co., Rochester, N. Y.
Union Porcelain Works, elec. & mechanical spec., 300 Eckford, Brooklyn, N. Y.
Union Portland Cement Co., Ogden, Utah.
Union Printing Ink Co., Akron, O.
Union Products Co., mfrs. "Parlock" binding preparation for plaster, etc., Cleveland, Ohio.
Union Quarry & Const. Co., stone prod., 4687 Nat'l Bdge. rd, St. Louis, Mo.
Union Radiator Co., Johnstown, Pa.
Union Ry. Supply Co., ties, poles & posts, Real Estate Trust Co. Bldg., Philadelphia, Pa.
Union Ribbon & Carbon Co., carbon paper & typewriter ribbons, Front & Laurel, Philadelphia, Pa.
Union Rolling Mill Co., Aetna rd. & E. 82d, Cleveland, Ohio.
Union Salt Co., Addison road & L. S. & M. S. Ry., Cleveland, O.
Union Sand & Material Co., masons' & bldrs.' matls., International Life Bldg., St. Louis, Mo.
Union Sanitary Mfg. Co., mchsts. & fndrs., Noblesville, Ind.
Union Sardine Co., canned, Lubec, Me.
Union Sash & Door Co., 213 S. 8th, Minneapolis, Minn.
Union School Furnishing Co., dictionary holders, Chicago, Ill.
Union Screen Co., 306 Carpenter, Providence, R. I.
Union Screen Plate Co., screen & suction plates & fasteners, Fitchburg, Mass.
Union Seed & Fertilizer Co., Argenta, Ark.; New Orleans, La., & 65 Broadway, New York.
Union Seed & Fertilizer Works, Raleigh, N. C.
Union Sewer Pipe Co., McKeesport, Pa.
Union Sheet Metal Works, cornices, 317 Farnsworth, Detroit, Mich.
Union Shingle Co., lumber, Edmonds, Wash.
Union Shuttle, Co., Lawrence, Mass.
Union Smelting & Refining Co., St. Charles, Newark, N. J.
See adv. index at end of book
Union Soap Co., 214 N. Pearl, Baltimore, Md., & 119 4th pl, Brooklyn, N. Y.
Union Soapstone Co., 14 Marshall, Boston, Mass.
Union Spar Co., spars & masts, Gloucester, Mass.
Union Special Mach. Co., 300 W. Kinzie, Chicago, Ill.
Union Spinning & Plating Co., 67 Sudbury, Boston, Mass.
Union Spoke & Bending Co., Union City, Ind.
Union Spring & Mfg. Co., 1st Natl. Bank Blg., Pittsburgh, Pa.
Union Springs Guano Co., fertilizer mfrs., Union Springs, Ala.
Union Stained Glass Co., 708 Columbia rd, Boston, Mass.
Union Starch & Refining Co., syrup, oils (corn), Edinburg, Ind.
Union Steam Pump Co., Battle Creek, Mich.
Union Steel Casting Co., Pittsburgh, Pa.
Union Steel Products Co., Ltd., oven racks, Albion, Mich.
Union Steel & Wire Co., Indianapolis, Ind.
Union Stock Yards Fdy. Co., Chicago, Ill.
Union Stone Co., York, Pa.
Union Storage Co., fertilizer mfrs., Marion, Ala.
Union Stove Lining Co., Taunton, Mass.
Union Stove Wks., 70 Beekman, New York
Union Sugar Co., 310 Sansome, San Francisco, Cal.
Union Sulphur Co., 17 Battery pl, New York
Union Superphosphate Co., 343 Sansome, San Francisco, Cal.
Union Switch & Signal Co., Swissvale, Pa.
Union Talc Co., 132 Nassau, New York
Union Thread Co., Carthage, Cincinnati, Ohio.
Union Thread Co., 69 & Big 4 R. R., Carthage, Cincinnati, O.
Union Timber Co., Aberdeen, Wash.
Union Tool Chest Co., Inc., 99 Railroad, Rochester, N. Y.
Union Tool Co., lathe dogs, tool holders, key seating, tools,
Union Traction Co. of Ind. machsts. & frdrs., Anderson, Ind.
vises, etc., Orange, Mass., & Torrance, Cal.
Union Truck Mfg. Co., 250 W. 54th, New York
Union Trunk & Bag Co., Richmond, Va.
Union Twine Co., Canonchet, R. I.
Union Twist Drill Co., Athol, Mass.
Union Typewriter Co., Bridgeport, Conn.
Union Univ. Engng. School, Albany, N. Y.
Union Varnish Co., 3d & Claibourne, New Orleans, La.
Union Wadding, cotton waste, Pawtucket, R. I.
Union Warehouse Co., fertilizer mfrs., Unadilla, Ga.
Union Water Meter Co., water meters, corporations waste stops, chronometer regulators & steam fire whistle mfrs., Worcester, Mass.
Union Waxed & Parchment Paper Co., Hamburg, N. J.
Union Wheel Wks., 53 Stanton, Newark, N. J.
Union Wire Mattress Co., spring beds, Blackhawk & Cherry, Chicago, Ill.
Uniontown Brick Co., Uniontown, Pa.
Uniontown Constr. Co., Uniontown, Pa.
Uniontown Cotton Oil Co., Uniontown, Ala.
Uniontown Hardware & Supply Co., Uniontown, Pa.
Uniontown Roller Mill Co., flour, Uniontown, Ky.
Unique Art Glass & Metal Co., shades, globes, etc., 105 Vandeveer, Brooklyn, N. Y.
Unique Brass Fndry. Co., 841 Grant, Buffalo, N. Y.
Unique Findings & Supply Co., 36 Garnet, Providence, R. I.
Unique Novelty Co., pencils, Independence, Ia.
Unit Chain Co., Lippincott Bl., Philadelphia, Pa.
Unit Const. Co., contrs., Title Guaranty Bldg., St. Louis, Mo.
Unit Weighing & Packing System, machy. mfrs., Baltimore, Md.
United Alloy Steel Corp., Canton, Ohio.
United Arts & Crafts Workers, elec. portables & shades, 129 5th av, New York.
United Auto. Trunk Co., 343 W. 26th, New York
United Autographic Register Co., 556 W. Jackson blvd, Chicago, Ill.
United Awl & Needle Co., mallets, buttoners, tacks, West Medway, Mass.
United Battery Corp., 42 B'way, New York.
United Boiler Htg. & Fdry. Co., Hammond, Ind.
United Bottle Machy. Co., 90 W. Broadway, New York
United Box Mfg. Co., pckg. box mfrs., Prospect & Guinotte av, Kansas City, Mo.
United Brass Mfg. Co., plumbers bren goods, 3844 Hamilton av, Cleveland, O.
United Brick Co., Greensburg, Pa.
United Brush Mfrs., 203 Lafayette, New York
United Building Co., contrs., White Bldg., Seattle, Wash.
United Butchers' Packing Co., meat packers, 913 Fulton, Chicago, Ill.
United Button Co., 4th av & 17th, New York.
United Casting Co., Los Angeles, Cal.
United Cereal Mills, foods, Quincy, Ill.
United Chair Seat & Nov. Co., 53 E. 10th, New York
United Chemical Companies, Kansas City, Mo.
United Cigarette Mach. Co., Inc., Lynchburgh, Va.
United Compound Co., pattern wax, 228 Elk, Buffalo, N. Y.
United Canneries Co. of Cal., Ontario, Cal.
United Connellsville Coke Co., Oliver Bldg., Pittsburgh, Pa.
United Constr. Co., 27 James, Albany, N. J.
United Contracting Co., contractors' equipment, 32 United Bldg., Indianapolis, Ind.
United Contracting Co., North Western Bank Bldg., Portland, Ore.
United Cork Cos., 50 Church, New York
United Cornice Wks., 3306 S. Main, Los Angeles, Cal.
United Dressed Beef Co., 1st av & 44th, New York
United Eastern Aeroplane Corp., 1253 De Kalb av, Brooklyn, N. Y.
United Elec. App. Co., rectifiers—burglar alarms, etc., 1529 Columbus av, Boston, Mass.
United Electric Co., vacuum cleaners, Canton, Ohio.
United Elec. Supply Co., Marion, Ohio.
United Electrical Const. Co., Junction boxes, 110 S. Dearborn, Chicago, Ill.
United Engine Co., Lansing, Mich.
United Engine & Mfg. Co., Hanover, Pa.
United Engng. & Fdry. Co., machsts. & fndrs., 307 5th av, Pittsburgh, Pa.
United Engineering Works, Clunie Bldg., San Francisco, Cal.
United Filters Corp., oil & water filters, Felt Bldg., Salt Lake City, Utah.
United Filters Corpn., 36 Flatbush av, ext., Brooklyn, N. Y.
United Fire Brick Co., Uniontown, Pa., & North East, Md.
United Fdry. & Mach. Co., castings, Bridgeport, Conn.
United Forge & Mach Co., 527-43 Franklin, Detroit, Mich.
United Furnace Co., Canton, O.
United Gas Improvement Co., Philadelphia, Pa.
United Glass Works, 58 Page, San Francisco, Cal.
United & Globe Rubber Mfg. Co., Trenton, N. J.
United Granite Co., St. Cloud, Minn.
United Hammer Co., pow. ham. mfrs., 141 Milk, Boston, Mass.
United Handle Mills, 149 Broadway, New York.
United Hardware & Supply Co., steam fitters' supplies, Titusville, Pa.
United Indigo & Chemical Co., (Ltd.), 176 Federal, Boston, Mass.
United Injector Co., 119 W. 40th, New York.
United Iron & Steel Co., blast furns. & coke mfrs., Cleveland, O.
United Iron Wks., machy. dlrs., Spokane, Wash.
United Iron Wks., mchsts. & fndrs., San Francisco, Cal.
United Iron Wks. Co., machists. & fndrs., Kansas City, Mo.
United Irrigation & Rice Milling Co., New Orleans, La.
United Kansas Portland Cement Co., Independence & Neodesha, Kansas.

United Knit Goods Co., gloves & mittens, 1258 W. 4th, Cleveland, Ohio.
United Knitting Co., sweaters, &c., 42 N. 6th, Philadelphia, Pa.
United Lamp Co., Meyers Bldg., Springfield, Ill.
United Lead Co., 111 Broadway, New York
United Lighting Fixture Co., 1149 Mission, San Francisco, Cal.
United Lime & Stone Co., Harrisburg, Pa.
United Lined Tube & Valve Co., 180 Franklin, Boston, Mass.
United Lumber & Coal Co., Ltd., masons' & bldrs.' matls., Oil City, Pa.
United Lumber Co., Springfield, Mass.
United Malaysian Rubber Co., 2 Rector, New York
United Marble Companies, Rutland, Vt.
United Materials Co., masons' & bldrs.' matls., 618 Mission, San Francisco, Cal.
United Mattress Mach'y. Co., 19 Milk, Boston, Mass.
United Metal Hose Co., 89 Chambers, New York.
United Metal Mfg. Co., Inc., Norwich, Conn.
United Metal Spinning Co., shade holders, 103 Mott, New York
United Metals Selling Co., 42 Broadway, New York
United Motors Co., 675 North, N. W., Grand Rapids, Mich.
United Natural Gas Co., 306 Seneca, Oil City, Pa.
United Novelty Co., manicure sets, Lancaster, Pa.
United Nut Lock Co., Springfield, Mass.
United Oil Mfg. Co., lubrg., Erie, Pa.
United Oil Mills, Hope, Ark.
United Ornamental Iron Wks., 189 W. Madison, Chicago, Ill.
United Packers, canned goods, Portland, Me.
United Paper Board Co., 171 Madison av, New York
United Peach Bottom Slate Co., roofing slate mfrs., Delta, Pa.
United Piece Dye Works, machsts., Lodi, N. J.
United Plumbers Supply Co., 181 E. 108th, New York.
United Printing Mach'y Co., 100 Summer, Boston, Mass.
United Pump & Power Co., Belleview pl. & Larkin, Milwaukee, Wis.
United Refining Co., oils, petroleum, etc., Warren, Pa.
United Roofing & Mfg. Co., Morris Bldg., Philadelphia, Pa.
United Safety Powder Co., explosives, Louisville, Ky.
United Sales Mfg. Co., advtg. spec., Elmira, N. Y.
United Sash & Door Co., Wichita, Kans.
United Seal Co., meter seals, 239 S. Pearl, Columbus, Ohio.
United Sheet Metal Works, San Francisco, Cal.
United Shoe Machinery Co., machsts. & fndrs., 205 Lincoln, Boston, Mass.
United Smelting & Aluminum Corp., aluminum babbit & nonferrous metals of all kinds, 183 to 189 Commerce, New Haven, Conn. *See adv index at end of book.*
U. S. A. Co. dress hooks, Shelton, Conn.
U. S. Adding Machine Co., 101 Park av, New York.
U. S. Aero Propeller Co., Milwaukee, Wis.
U. S. Air Compressor Co., Carnegie av, Cleveland, Ohio.
U. S. Alloy Corp., ferro-sibicon, 28 E. 42nd, New York.
U. S. Aluminum Co., Oliver Bldg., Pittsburgh, Pa.
U. S. Appraisals Co., 161 Summer, Boston, Mass.
U. S. Asbestos Co., asbestos goods mfrs., Lancaster, Pa.
U. S. Asphalt Refining Co., 90 West, New York.
U. S. Automatic Box Machinery Co., 172 Green, Jamaica Plain, Boston, Mass.
U. S. Automatic Co., Amherst, Ohio.
U. S. Automatic Fire Alarm Co., Kansas City, Mo.
U. S. Automatic Sprinkler Co., 1392 Lexington av, New York.
U. S. Ball Bearing Mfg. Co., machsts., 4535 Palmer, Chicago, Ill.
U. S. Bedding Co., mattresses, St. Paul, Minn.
U. S. Blue Print Paper Co., 327 S. La Salle, Chicago, Ill.
U. S. Bobbin & Shuttle Co., 57 Eddy, Providence, R. I.
U. S. Bottle Stopper Co., 37 Maiden La, New York.
U. S. Bottlers' Machinery Co., 1033 W. Lake, Chicago, Ill.
U. S. Brake Shoe Co., machsts. & fndrs., Corry, Pa.
U. S. Brass & Iron Fdy., Flint, Mich.
U. S. Broom & Brush Co., 1201 Cortland, Chicago, Ill.
U. S. Broom & Duster Co., 1812 W. 13th, Chicago, Ill.
U. S. Brush Co., hat brushes, Potsdam, N. Y.
U. S. Bung Mfg Co., treenail wedges, 50 S. 2d, Brooklyn, N. Y.
U. S. Bunting Co., Lowell, Mass.
U. S. Button Co., Muscatine, Ia.
U. S. Cabinet Bed Co., 336 Delancey, New York.
U. S. Can Co., Norwood, Cincinnati, Ohio.
U. S. Carriage Co., 319 S. 4th, Columbus, Ohio.
U. S. Cartridge Co., Lowell, Mass.
U. S. Casket Co., Scottdale, Pa.
U. S. Castings Co., malleable iron, 25 Elm, New York.
U. S. Cast Iron Pipe & Foundry Co., Burlington, N. J.
U. S. Casualty Co., insurances, 80 Maiden la, New York.
U. S. Cereal Co., Upper Sandusky, Ohio.
U. S. Chaplet & Supply Co., fndry facings, 140 Cedar, New York.
U. S. Chemical Co., boiler compounds, 3621 Lakeside av, N. E., Cleveland, & Greenville, Ohio.
U. S. Cloth Cutting Machine Co., 414 W. Broadway, New York.
U. S. Clothespin Co., Montpelier, Vt.
U. S. Coal & Coke Co., Carnegie Bldg., Pittsburgh, Pa.
U. S. Coal, Gravel & Sand Co., Baton Rouge, La.
U. S. Column Co., columns, caps & bases, Erie & Albany, Cambridge, Mass
U. S. Constr. Co., Inc., 1 Liberty, New York.
U. S. Construction Co., Old South Bldg., Boston, Mass.
U. S. Cooperage Co., handles, Malden, Mo.
U. S. Crushed Stone Co., 108 S. La Salle, Chicago, Ill.
U. S. Cutlery Co., Fremont, Ohio.
U. S. Dredge & Dock Co., 29 S. La Salle, Chicago, Ill.
U. S. Dye Extracts Co., logwood extracts, 801 Vernon av, Long Island City, N. Y.
U. S. E. M. Co., alarms, connectors, ringers, etc., 301 W. 37th, New York.
U. S. Elec. Mfg. Co., Los Angeles, Cal.
U. S. Elec. Signal Co, West Newton, Mass.
U. S. Electrical Tool Co., air tires, pumps, Cincinnati, Ohio.
U. S. Electro Galvanizing Co., 280 Park av, Brooklyn, N. Y.
U. S. Encaustic Tile Works, Indianapolis, Ind.
U. S. Engineering Constr. Co., Fort Worth, Tex.
U. S. Envelope Co., Springfield, Mass.
U. S. Equipt. Co., contr. supplies, 208 S. La Salle, Chicago, Ill.
U. S. Expansion Bolt Co., 25 Elm, New York.
U. S. Fastener Co., 95 Milk, Boston, Mass.
U. S. Faucet Co., 1155 Mission, San Francisco, Cal.
U. S. Fidelity & Guaranty Co., insurance, Calvert & German, Baltimore, Md.
U. S. Finishing & Mfg. Co., tin mounting machines, etc., 216 N. Clinton, Chicago, Ill.
U. S. Fire App. Co., 11th & Church, Wilmington, Del.
U. S. Fire Escape Counterbalance Co., 177 W. Washington, Chicago, Ill.
U. S. Flag Co., 329 Lock, Cincinnati, Ohio.
U. S. Flexible Metallic Tubing Co., Los Angeles, Cal.
U. S. Frumentum Co., 39 S. Chene, Detroit, Mich.
U. S. Gas Fixtures Co., 262 Washington, Newark, N. J.
U. S. Gas Furnace Co., 46 Clifford, Providence, R. I.
U. S. Gas Machine Co., Muskegon, Mich.
U. S. Gauge Co., machsts., 67 Wall, New York.
U. S. Glass Co., glass bottles, S. 9th & Bingham, Pittsburgh, Pa.
U. S. Glue Co., Carrollsville, Milwaukee, Wis.
U. S. Graphite Co., 1430 Holland, Saginaw, Mich.
U. S. Grate Bar Co., fndrs., Elizabeth, N. J.
U. S. Gutta Percha Paint Co., 12-30 Dudley, Providence, R. I.
U. S. Gypsum Co., wall plaster & fireproofing mfrs., 205 W. Monroe, Chicago, Ill.
U. S. Hame Co., hames, wire rings, staple mfrs., Buffalo, N. Y.
U. S. Handle Co., farm tool & wood, Piqua, Ohio.
U. S. Headlight Co., Buffalo, N. Y.
U. S. Heating & Plumbing Co., 744 W. Court, Cincinnati, Ohio.
U. S. Hoffman Co., machsts., Syracuse, N. Y.
U. S. Horse Shoe Co., Erie, Pa.
U. S. Inc. Lamp Co., Ewing & Clark avs, St. Louis, Mo.
U. S. Incinerator Co., Buffalo, N. Y.
U. S. Indestructible Gasket Co., gasket mfrs., Church & Fulton, New York. *See adv index at end of book.*
U. S. Industrial Alcohol Co., cologne spirits, 27 William, New York.
U. S. Kellastone Co., sanitary flooring, Chicago, Ill.
U. S. Lace Paper Works, 472 W. Broadway, New York.
U. S. Lathe & Mach. Co., Cincinnati, Ohio.
U. S. Leather Co., 204 Essex, Boston, Mass., & 17 Battery pl, New York.
U. S. Lens Co., Geneva, N. Y.
U. S. Light & Heat Corp., Niagara Falls, N. Y.
U. S. Lock & Hardware Co., Columbia, Pa.
U. S. McAdamite Metal Co., Detroit, Mich.
U. S. Mach. Gun Co., Meriden, Conn.
U. S. Machine Co., Williamsport, Pa.
United States Malleable Iron Co., Toledo, Ohio.
U. S. Malt Co., 309 Broadway, New York.
U. S. Match Plate Co., Holyoke, Mass.
U. S. Metal Cap & Seal Co., 107 W. 13th, New York.
U. S. Metal Products Co., cornices & skylights, doors, etc., San Francisco, Cal.
U. S. Metallic Packing Co., Philadelphia, Pa.
U. S. Metals Refining Co., 120 Broadway, New York.
U. S. Mica Mfg. Co., 14 E. Jackson blvd, Chicago, Ill.
U. S. Mill Supply Co., 334 S. Water, Providence, R. I.
U. S. Mineral Wool Co., 280 Madison av, New York.
U. S. Molding Machine Co., 968 E. 69th pl, Cleveland, Ohio.
U. S. Mop Co., Toledo, Ohio.
U. S. Motor Truck Co., Covington, Ky.
U. S. Navy Yard, steel casting, Brooklyn, N. Y.
U. S. Nickel Co., New Brunswick, N. J.
U. S. Novelty & Mfg. Co., mchsts, Detroit, Mich.
U. S. Paper Goods Co., 1224 W. 8th, Cincinnati, Ohio.
U. S. Paper Mills, Chambersburg, Pa.
U. S. Patent Spec. Co., advtg., 606 Washington, New York.
U. S. Phosphate Co., Salt Lake City, Utah.
U. S. Playing Card Co., Park av, Norwood, Cincinnati, Ohio.
U. S. Portland Cement Co., Denver, Colo., & Kansas City, Mo.
U. S. Portable Building Co., 115 Broadway, New York.
U. S. Powder Co., Terre Haute, Ind.
U. S. Pressed Steel Co., steel singletrees & doubletrees, Ypsilanti, Mich.
U. S. Printing Lithograph Co., Robertson av & Beech, Norwood, Cincinnati, Ohio.
U. S. Pulley Covering Co., 212 Washington, New York.
U. S. Radiator Co., mchsts. & fndrs., B'way & Gd. River, Detroit, Mich.

U. S. Radiator Corp., cast iron boilers & radiators, B'way & Grand River, Detroit, Mich.
U. S. Rail Co., Cumberland, Md.
U. S. Rattan Co., Hoboken, N. J.
U. S. Reduction Co., alloys, ingots, smelters & refiners, etc., East Chicago, Ind.
U. S. Reduction & Refining Co., Colo. Springs, Colo.
U. S. Refining Co., fire resisting paints, Cleveland, O.
U. S. Register Co. (Ltd.), Battle Creek, Mich.
U. S. Ring Traveler Co., 159 Aborn, Providence, R. I.
U. S. Rocking Grate Bar Co., 20 N. Jackson blvd., Chicago, Ill.
U. S. Roofing Tile Co., Parkersburg, W. Va.
U. S. Rubber Co., 58th & Broadway, New York.
U. S. Rubber Co., mill & facty. supps., San Francisco, Cal.
U. S. Rubber Reclaiming Co., 30 E. 42d, New York.
U. S. Safety Gas Machine Co., Belleville, Ill.
U. S. Sand Paper Co., Williamsport. Pa.
U. S. Sanitary Effuents Separating App., 35 Nassau, New York.
U. S. Sanitary Mfg. Co., enam. bath tubs, Arrott Bldg., Pittsburgh, Pa.
U. S. Sanitary Septic Tank Co., Memphis, Tenn.
U. S. Scale Factory, mchsts. & fndrs, Terre Haute, Ind.
U. S. Sewer Pipe Co., hollow bldg. blocks & brick, Frick Bldg., Pittsburgh, Pa.
U. S. Sherardizing Co., New Castle, Pa.
U. S. Shipbldg. Corp., wooden ship bldrs., 40 Ocean, S. Portland, Me.
U. S. Shipbldg Corp., 26 Cortlandt, New York.
United States Silica Co., 122 S. Michigan av, Chicago, Ill.
U. S. Slicing Mach. Co., mchsts. & fndrs., 189 N. Dearborn, Chicago, Ill., & La Porte, Ind.
U. S. Smelting Co., spelter, etc., 120 Broadway, New York.
U. S. Smelting Co., white arsenic, Midvale, Utah.
U. S. Smelting, Refining & Mining Co., 55 Congress, Boston, Mass., & Salt Lake City, Utah.
U. S. Smelting Works, 1615 Spring Garden, Philadelphia, Pa.
U. S. Specialty Co., fishing bait, Rush Bldg., Syracuse, N. Y.
U. S. Specialty Co., manicure sets, Middletown, Conn.
U. S. Spring Bed Co., Springfield, Mass.
U. S. Spruce Lumber Co., Marion, Va.
U. S. Stamping Co., drip pans, Moundsville, W. Va.
U. S. Standard Co., acet. gas machines, Voorheesville, N. Y.
U. S. Steel Erection Co., Buffalo, N. Y.
U. S. Steel Furniture Co., filing cabinets, Syracuse, N. Y.
U. S. Steel Products Co., 30 Church, New York.
U. S. Steel Tank & Pipe Co., exhaust & blow piping, 2090 Canalport av, Chicago, Ill.
U. S. Stoneware Co., acid proof stoneware, Akron, Ohio.
U. S. Sugar Co., Madison, Wis.
U. S. Supply Co., mill & facty. & plumbers' supplies, jobbers, Omaha, Neb.
U. S. Supp. Co., mill & facty. supp., Brunswick, Ga.
U. S. T. Cutlery Co., 56 Summer av, Newark, N. J.
U. S. Tent & Awning Co., 231 N. Desplaines, Chicago, Ill.
U. S. Theatre Equipment Corp., 1604 Broadway, New York.
U. S. Tire Co., Broadway & 58th, New York.
U. S. Tool Co., punches, dies, etc., 3160 W. 106th, Cleveland, Ohio.
U. S. Tractor Co., Minneapolis, Minn.
U. S. Trimming Co., fringes, tassels, etc., 39 N. 10th, Phila., Pa.
U. S. Truck Co., Birmingham, Ala.
U. S. Typewriter Ribbon Mfg. Co., Sansome & 8th, Phila., Pa.
U. S. Varnish Co., 2616 Colerain, Cincinnati, Ohio.
U. S. Water & Steam Supply Co., machy dlrs., 1315 W. 12th, Kansas City, & Rockville, Mo.,
U. S. Welding Co., 155 Lafayette, New York.
See adv index at end of book
U. S. Whip Co., Westfield, Mass.
U. S. Wind Engine & Pump Co., Batavia, Ill.
U. S. Window Glass Co., Morgantown, W. Va.
U. S. Wire Mat Co., Decatur, Ill.
U. S. Wood Preserving Co., 165 Broadway, New York.
U. S. Woven Label Co., 324 Lafayette, New York.
U. S. Zinc Co., Pueblo, Colo.
United Steel & Wire Co., broilers, carriers, stools, etc., Battle Creek, Mich.
United Suit Case Co., 1345 5th av, Pittsburgh, Pa.
United Supply Co., mill & facty. supplies, Seattle, Wash.
United Supply & Mfg. Co., rail loaders, Ry. Exchange, Chicago, Ill.
United Telepherage Co., 101 Park av, New York.
United Trimming Co., 16 W. 39th, New York.
United Vacuum Appliance Co., Connersville, Ind.
United Vacuum Sweeper Co., carpet sweepers, 2445 W. 19th, Chicago, Ill.
United Varnish Co., 300 Hancock, Long Island City, N. Y.
United Vending Co., talking scales, Cleveland, Ohio.
United Verde Copper Co., Jerome, Ariz.
United Waste Mfg. Co., cotton waste, Troy, N. Y.
United Wire & Supply Co., seamless brass & copper tubing, & gold & silver plated wire, etc., Elmwood Station, Providence, R. I.
United Wire Tire Co., bag tyers, Toledo, Ohio.
United Zinc Smelting Corp., 99 John, New York.
Unitube Auto Radiator Corp., Rochester, N. Y.
Unity Cotton Mills, La Grange, Ga.
Unity Mfg. Co., spec. machy., 1632 N. Halsted, Chicago, Ill.
Unity Paper Mills, Potsdam, N. Y.
Unity Sand & Stone Co., Greensburg, Pa.
Unitype Co., typesetting machs., 30 Monitor, Jersey City, N. J.
Universal Battery Co., gasoline lighting systems, 3410 S. La Salle, Chicago, Ill.
Universal Boring Machine Co., boring bars & machinery, Hudson, Mass.
Universal Button Fastening & Button Co., 680 Fort av, Detroit, Mich.
Universal Cable Grip Co., guy anchors, manhole guards, Syracuse, N. Y.
Universal Camera Co., 557 W. Jackson blvd, Chicago, Ill.
Universal Carbon Co., elec. lamp flashlights, Dundee, Ill.
Universal Caster & Foundry Wks., caster mfrs., 574 Ferry, Newark, N. J.
Universal Chain Co., Stroudsburg, Pa.
Universal Coating Corp., 2 Rector, New York.
Universal Co., maps, 123 Liberty, New York.
Universal Compound Co., waterpfrg. matls., 2 Rector, New York.
Universal Constr. Co., Empire Bldg., Pittsburg, Pa.
Universal Cornice & Roofing Co., 2241 S. Troy, Chicago, Ill.
Universal Crushed Stone Co., 29 S. La Salle, Chicago, Ill.
Universal Crusher Co., Cedar Rapids, Ia.
Universal Cutter Co., textile machy., supplies, etc., 4567 Scott av, St. Louis, Mo.
Universal Drafting Mach. Co., 1426 W. 3d, Cleveland, Ohio.
Universal Drum Trap Cover, 753 E. 39th, Chicago, Ill.
Universal Elec. Co., hand vacuum cleaners, 63 Elizabeth, E. Detroit, Mich.
Universal Elec. & Spec. Mfg. Co., junc. boxes, New Orleans, La.
Universal Electric Stage Lighting Co., 240 West 50th, New York
Universal Elec. Welding Co., 30 E. 42d, New York.
Universal Engrng Co., cannery retorts, 462 Fillmore, San Francisco, Cal.
Universal Envelope Co., Inc., 13 Park Row, New York.
Universal Film Mfg. Co., 1600 Broadway, New York
Universal Fixture Co., Urbana, O.
Universal Fixture Corp., racks display, 133 W. 23rd, New York.
Universal Flexible Conduit Co., flexible metal hose, 109-111 Tichenor, Newark, N. J.
Universal Flexible Packing Co., steam packing, 401 Fulton Bldg., Pittsburg, Pa.
Universal Fluxine Co., brazing compounds, Urbana, Ohio.
Universal Form Clamp Co., 14 No. May, Chicago, Ill.
Universal Fdry. Co., gray iron casting & patterns, Oshkosh, Wis.
Universal Grinding Mach. Co., Fitchburg, Mass.
Universal Hardware & Supply Co., 79 Greenpoint av, Brooklyn, N. Y.
Universal Heater Mfg. Co., 1000-02 N. Vanderventer av, St. Louis, Mo.
Universal Hoist & Mfg. Co., Cedar Falls, Ia.
Universal Indicator Co., voting machines, 915 Majestic Bldg., Milwaukee, Wis.
Universal Industrial Corp., hose clamps, Hackensack, N. J.
Universal Label Weaving Co., Paterson, N. J.
Universal Lubricating Co., Schofield Bldg., Cleveland, Ohio.
Universal Lubricator Co., 136 Chestnut, Philadelphia, Pa.
Universal Machine Co., Bowling Green, O.
Universal Machine Co., machinery manfrs., Baltimore, Md.
Universal Mach. & Tool Co., Canton, O.
Universal Mach. Wks., 1060 Germantown, Philadelphia, Pa.
Universal Machy. Co., 784 30th, Milwaukee, Wis.
Universal Mfg. Co., advtg. spec., 18-20 Pike, Chicago, Ill.
Universal Metal Spinning & Stamping Co., lanterns, 69 Wooster, New York.
Universal Metallic Tie Co., Salt Lake City, Utah.
Universal Milking Mach. Co., 18 W. Mound, Columbus, Ohio.
Universal Motor Co., Oshkosh, Wis.
Universal Novelty Wks., dry batteries, elec. toys, flashlights, etc., 164 5th av, New York.
Universal Nozzle Co., Indianapolis, Ind.
Universal Oil & Fertilizer Co., Wilmington, N. C.
Universal Oxygen Co., Sheboygan, Wis.
Universal Paper Bag Co., New Hope, Pa.
Universal Pattern Wks., 909 State av, Cincinnati, Ohio.
Universal Portland Cement Co., 208 S. La Salle, Chicago, Ill.
Universal Printing Co., coin wrappers, Erie, Pa.
Universal Ry. Supply Co., 122 S. Michigan av, Chicago, Ill.
Universal Register Co., 226 W. Ontario, Chicago, Ill.
Universal Rim Co., 1502 S. Mich. av, Chicago, Ill.
Universal Road Machy. Co., Kingston, N. Y.
Universal Rolling Mill Co., Bridgeville, Pa.
Universal Safety Mattress Co., Baltimore, Md.
Universal Safety Tread Co., stair treads, Waltham, Mass.
Universal Sanitary Appliance Co., 171 Madison av, New York.
Universal Sanitary Mfg. Co., plumbers' sanitary earthenware, &c., New Castle, Pa.
Universal Screen Co., 2700 Long Beach av, Los Angeles, Cal.
Universal Service Co., automobiles, Grand River & Stanton avs, Detroit, Mich.
Universal Shear & Nov. Co., 38 Littleton av, Newark, N. J.
Universal Shipbldg. Co., Houston, Tex.
Universal Shock Eliminator Co., 10 W. 62d, New York.
Universal Skylight Co., 519 E. 73d, New York
Universal Spec. Co., can openers, 33 E. Kinney, Newark, N. J.

Universal Specialty Co., hoods—motor, New Leader Bldg., Cleveland, Ohio.
Universal Spec. Co., Terre Haute, Ind.
Universal Store Spec. Co., meat choppers & slicers, Commercial & Center, New Britain, Conn.
Universal Supply Co., mill & facty supplies, 1st Natl. Bk. Bldg., Pittsburgh, Pa.
Universal Supply Co., plumbers' supplies—jobs., Newark, N. J
Universal Swing Joint & Mach. Co., Louisville, Ky.
Universal Talking Mach. Mfg. Co., Philadelphia, Pa.
Universal Tire Protector Co., Angola, Ind.
Universal Tobacco Mach. Co., 98 Murray, Newark, N. J.
Universal Tractor Mfg. Co., cultivators, Columbus, Ohio.
Universal Trolley Wheel Co., Northampton, Mass.
Universal Tube Co., 145 W. Ohio, Chicago, Ill.
Universal Type Making Mach. Co., 732 Federal, Chicago, Ill.
Universal Valve Co., Burlington, Wis.
Universal Ventilating Co., 14th & Oak, Kansas City, Mo.
Universal Winding Co., textile machinery mfrs., 95 South, Boston, Mass.
Universe Mfg. Co., advtg. nov. & spec., 2218 Vine, Phila., Pa.
University Apparatus Co., laboratory, Berkeley, Cal.
University Bag Co., traveling, 185 Franklin, Boston, Mass.
University of Akron, engng. schools & coll., Akron, Ohio.
University of Alabama, engng. schools & coll., University, Ala.
University of Arizona, engng. schools & coll., Tucson, Ariz.
University of Arkansas, engng. schools & coll., Fayetteville, Ark.
University of California, engng. schools & coll., Berkeley, Cal.
University of Cincinnati, Tech. School Engng. School & Coll., Burnet Woods pk., Cincinnati, Ohio.
University of Dallas, engng. schools & coll., Dallas, Tex.
University of Detroit Engng. Dept., engng. schools & coll., Detroit, Mich.
University of Fla., engng. school & coll., Gainesville, Fla.
University of Ga., College of Agric. Arts., Athens, Ga.
University of Hampton, engng. school & coll., Hampton, Va.
University of Idaho, engng. schools & coll., Boise, Idaho.
University of Illinois, engng. schools & colleges, Champaign & Urbana, Ill.
University of Iowa Coll. of Applied Science, engng. school & coll., Iowa City, Ia.
University of Kansas, engng. school & coll., Lawrence, Kans.
University of Me. Coll. of Technology, Orono, Me.
University of Michigan, engng. school & coll., Ann Arbor, Mich.
University of Minn., engng. school & coll., S. E. Minneapolis, Minneapolis, Minn.
University of Missouri School of Engng., engng. schools & coll., Columbia, Mo.
University of Nebraska, engng. school & coll., Lincoln, Nebr.
University of New Mexico, engng. schools & coll., Albuquerque, N. M.
University of North Carolina, engng. school & coll., Chapel Hill, N. C.
University of North Dakota, engng. school & coll., Grand Forks & University, N. D.
University of Notre Dame, engng. school & coll., Notre Dame, Ind.
University of Oklahoma, engng. schools & coll., Norman, Okla.
University of Oregon, engng. schools & coll., Eugene, Ore.
University of Pa., engng. school & coll., S. 34th cor. Woodland av., Philadelphia, Pa.
University of Pittsburgh, engng. school & coll., Grant blvd. & Parkman, Pittsburgh, Pa.
University of the South, engng. school & coll., Sewanee, Tenn.
University of South Carolina, engng. school & coll., Columbia, S. C.
University of S. D., engng. school & coll., Vermillion, S. D.
University of Tennessee, engng. school & coll., Knoxville, Tenn.
University of Texas, engng. school & coll., Austin, Tex.
University of Vermont & State Agricultural Coll., Burlington, Vermont.
University of Virginia, engng. school & coll., Charlottesville, Va.
University of Washington, engng. school & coll., Seattle, Wash.
University of West Virginia, engng. school & coll., Morgantown, W. Va.
University of Wisconsin, engng. school & coll., Madison, Wis.
University of Wyoming, engng. school & coll., Laramie, Wyo.
University Sheet Metal Wks., cornices & skylights, Seattle, Wash.
Unkefer, Geo. R., Co., var. mfrs., 1827 Le Claire av, Chicago, Ill.
Unkelbach & Perry, architects, New Britain, Conn.
Uno-lite Co. of America, portables, Indianapolis, Ind.
Uno Mfg. Co., metal polish, 6433 Ravenswood av, Chicago, Ill.
Uno Ventilator Co., "Uno" revolving ventilator mfrs., Cliftondale, Mass.
Unruh, E. N., contractor, Bradford, Pa.
Unsinger Razor Blade Co., Fremont, Ohio.
Untersee, F. Joseph, architect, 585 Boylston, Boston, Mass.
Updike, Eston, common brick, Charlotteville, Va.
Updike, J. B., & Co., lumber mfrs., Vincennes, Ind.
Updike Milling Co., flour, Omaha, Neb.
Upham & Agler, lumber mfrs., Throop S. of 22d, Chicago, Ill.
Upham & Stickney, architects, Cutler Bldg., Rochester, N. Y.
Upham, V. B., & Bro., rivet mfrs., 30 Hudson av, Brooklyn, N. Y.
Upholsterer, trade publication, 373 4th av, New York.
Upjohn Co., pharmaceuticals, 223 E. Lowell, Kalamazoo, Mich.
Upjohn, Hobart B., architect, 456 4th av, New York.
Upland Coal & Coke Co., Upland, Pa.
Upland Foundry & Machinery Co., Upland, Cal.
Upman, Frank, architect, Woodward Bldg., Washington, D. C.
Upshaw Bros., fertilizer, Douglasville, Ga.
Upson Co., fibre boards, tile, wall boards, etc., Lockport, N. Y.
Upson County Oil Mills, Thomaston, Ga.
Upson Nut Co., Cleveland, Ohio.
Upson-Walton Co. of N. Y. (The), cordage rope & twine mfrs.—wire, etc., 291 B'way, New York.
See adv index at end of book.
Up-to-Date Advtg. Co., metal, wood, cardboard & muslin signs, rulers, yard sticks, thermometers, etc., Canisteo, N. Y.
Up-to-Date Mfg. Co., bank & office railings, arch'l iron, etc., Terre Haute, Ind.
Up-to-Date Tool Co., designers & builders of small machinery, 60 K, South Boston, Mass. *See adv. index at end of book.*
Upton Co., lumber mfrs., Charlotte, N. Y.
Upton, F. R., crushed stone, 810 Union Bldg., Newark, N. J.
Upton & Gilman Machine Co., Lowell, Mass.
Upton, H. Desmond, architect, 20 Broadway, New York.
Upton, Henry A., lumber, North Reading, Mass.
Upton, Louis M., architect, 111 Ellis, San Francisco, Cal.
Upton Machine Co., machsts. & fndrs., St. Joseph, Mich.
Upton Smoot Constr. Co., Wash. L. & T. Bldg., Washington, D. C.
Urania Lumber Co., Ltd., Urania, La.
Uraniumite Co. of Am., fndry. flues, 609 Main, Buffalo, N. Y.
Urbain, Leon F., architect, 20 W. Jackson blvd, Chicago, Ill.
Urban, C. Emlen, architect, Woolworth Bldg., Lancaster, Pa.
Urban Concrete Co., 30 E. 42d, New York.
Urban, Geo., Milling Co., flour, Buffalo, N. Y.
Urban, Henry, architect, 908 Price, Savannah, Ga.
Urbana Broom Co., Urbana, Ohio.
Urbana Canning Co., Urbana, Ohio.
Urbana Egg Case Co., Urbana, Ohio.
Urbana Packing Co., meat, Urbana, Ohio.
Urbana Tool & Die Co., cutting, Urbana, Ohio.
Urbanek, Chas. A., architect, 1423 S. Avers av, Chicago, Ill.
Urbanette Canning Co., Urbanette, Ark.
Urbauer-Atwood Htg. Co., 115 S. 11th, St. Louis, Mo.
Urick Foundry Co., Erie, Pa.
Urie-Snyder Iron Works Co., mining screens, Kansas City, Mo.
Uris, Harris H., Iron Works, 521 W. 26th, New York.
Urquhart & Johnson, architects, Columbia, S. C.
Urquhart's, Jno. S., Son & Co., mill & facty. supplies, 131 Liberty, New York.
Urschel-Bates Valve Bag Co., Toledo, Ohio.
Ursem, L. J., Art Shade Co., glass stainers, Columbia Bldg., Cleveland, Ohio.
U-Sav-Your Mfg. Co., auto. dressing & polish, Warren, Mass.
Usem Co., push buttons, 301 W. 37th, New York.
Usery, L. C., & Co., turpentine, Graham, Ga.
Usona Mfg. Co., arch'l iron, 826 S. 18th, St. Louis, Mo.
Usona Mfg. Co., elec. lamp & lantern flashlights, Hudson, N. Y.
Usona Mfg. Co., sheet roofing fasteners, paints, etc., Aurora, Ill.
Utah Bedding & Mfg. Co., Salt Lake City, Utah.
Utah Canning Co., Ogden, Utah.
Utah Casket Co., Salt Lake City, Utah.
Utah Condensed Milk Co., Richmond, Utah.
Utah Consolidated Stone Co., Salt Lake City, Utah.
Utah Construction Co., Ogden, Utah.
Utah Corrugated Culv. & Flume Co., Woods Cross, Utah.
Utah Fire Clay Co., Salt Lake City, Utah.
Utah-Idaho Sugar Co., Salt Lake City, Utah.
Utah Milling Co., flour, Ogden, Utah.
Utah Oil Refining Co., petroleum & products, Salt Lake City, Utah.
Utah Packing & Prov. Co., meat, Salt Lake City, Utah.
Utah Potash Co., Trenton, N. J.
Utah Soap Co., Salt Lake City, Utah.
Utahna Delevopment Co., clothes washing machs., 4254 Vista av, St. Louis, Mo.
Utecht, August, soap, South Stillwater, Minn.
Utermohle, G. A., & Co., burning brands, stamps, etc., 133 Cheapside, Baltimore, Md.
Utica Armature Works, Utica, N. Y.
Utica Bedding Factory, mattresses, Utica, N. Y.
Utica Brass & Machine Co., Fort Worth, Tex.
Utica Brass Works, fndrs., Utica, N. Y.
Utica Canning Co., Utica, N. Y.
Utica Carbon & Wax Paper Co., ribbons & carbons, Utica, N. Y.
Utica Cutlery Co., pocket knives, etc., Utica, N. Y.
Utica Drop Forge & Tool Co., nippers & pliers, Utica, N. Y.
Utica Duxbak Corp., sporting goods mfrs., Utica, N. Y.
Utica Fire Alarm Telegraph Co., Utica, N. Y.
Utica Fire Brick & Clay Co., Utica, Ill.
Utica Fire Sand Co., Utica, Ill.
Utica Glass Co, Utica, Ohio.
Utica Heater Co., Utica, N. Y.
Utica Hydraulic Cement Co., Utica, Ill.
Utica Novelty & Mill Specialty Co., textile machinery, Utica, N. Y.
Utica Plumbing Supply Co., 328 Lafayette, Utica, N. Y.
Utica Sales & Specialty Co., envelope sealing machines, Utica, N. Y.
Utica Steam Engine & Boiler Works, Utica, N. Y.

Utica Steam & Mohawk Valley Cotton Mills, sheetings, Utica, N. Y.
Utica Valve & Fixture Co., gas meter cocks, Utica, N. Y.
Utica Willowvale Bleaching Co., cotton sheetings, Chadwicks, N. Y.
Utility Battery Co., 123 W. Madison, Chicago, Ill.
Utility Co., polishes, soap, auto switches, plugs, etc., 636 W. 44th, New York.
Utility Compressor Co., air tire pumps, 363 Harper av, Detroit, Mich.
Utility Constr. Co., New Brunswick, N. J.
Utility Mfg. Co., carpet beaters, Sturgis, Mich.
Utility Mfg. Co., packing box mfrs., Goldsboro, N. C.
Utility Mfg. Co., tea strainers, 427 Oliver, Baltimore, Md.
Utility Mfg. Co., wall scrapers, 11 N. 6th, Philadelphia, Pa.
Utility Shade Co., Tenafly, N. J.
Utility Stove & Range Co., Indianapolis, Ind.
Utke, Julius E., contractor, Marinette, Wis.
Utter, W. H., & Son, smoked pipes, Olean, N. Y.
Uvalde Asphalt Paving Co., 1 Broadway, New York.
Uvalde Gin & Milling Co., flour, Uvalde, Tex.
Uvalde Rock Asphalt Co., Cline, Tex.
Uxbridge Cotton Mills, North Uxbridge, Mass.

Vac Liquid Equip. Co., Cedar Rapids, Ia.
Vactor, E. R., & Co., fndr., Bloomsburg, Pa.
Vacuo-Static Carbon Co., Rochester, N. Y.
Vacuu-Rite Lamp Co., 361 W. Superior, Chicago, Ill.
Vacuum Bait Co., North Manchester, Ind.
Vacuum Car Ventilating Co., 111 S. Jefferson, Chicago, Ill.
Vacuum Dyeing Mach. Co., textile, Chattanooga, Tenn.
Vacuum Glass Co., Lynn, Mass.
Vacuum Heating Co., Juniper & Cherry, Philadelphia, Pa.
Vacuum Oil Co., Rochester, N. Y.
Vacuum Soap Co., 180 Oxford, Philadelphia, Pa.
Vacuum Spec. Co., bottles, 200 5th av, New York.
Vacuum Washer Co., Ripon, Wis.
Vade, Louis H., architect, 220 S. Michigan av, Chicago, Ill.
Vaden Fertilizer & Supply Co., Gretna, Va.
Vadnais, E., carriages, North Adams, Mass.
Vadnais, H. L., contractor, 22½ W. 7th, Salt Lake City, Utah.
Vail, Alva E. V., architect, Northfield, Minn.
Vail Bros., almond meal, 344 N. 5th, Philadelphia, Pa.
Vail Cooperage Co., Ft. Wayne, Ind.
Vail, F. E., cornices & skylights, Bennington, Vt.
Vail Galvanizing Plant, 211 Commercial, Boston, Mass.
Vail, Morrison H., architect, Dixon, Ill.
Vail-Rentscher Tractor Co., Hamilton, Ohio.
Vail Rubber Co., 144 W. 27th, Chicago, Ill.
Vaile-Kimes Co., water motors, gauges, pumps, etc., Dayton, Ohio.
Vaile & Young, sheet metal work, Bush & Ridgely, Baltimore, Md.
Vajen Helmet Co., smoke helmets, Richmond, Ind.
Valders Canning Co., Valders, Wis.
Valders Lime & Stone Co., Valders, Wis.
Valdosta Sash, Door & Variety Wks., Valdosta, Ga.
Valecia Evaporated Milk Co., canners, Madison, Wis.
Valenti, Paul, architect, 382 Riverway, Boston, Mass.
Valentine, Anthony P., Jr., architect, 212 High (Gtn.), Philadelphia, Pa.
Valentine, Chas. M., architect, 158 Summer av, Newark, N. J.
Valentine, Chas. W., architect, 428 Jefferson, Milwaukee, Wis.
Valentine-Clark Co., lumber, Security Bldg., Minneapolis, Minn.
Valentine & Co., varnish mfrs., 456 Fourth av, New York.
Valentine, Eli, contractor, Ossining, N. Y.
Valentine, F. S., Co., contrs., Springfield, Mas..
Valentine, I. M., Mach. Co., Ozark, Ala.
Valentine, J. E., poles, Abilene, Kan.
Valentine & Kissam, architects, 25 Madison av, New York.
Valentine, M. D., & Bro. Co., fire brick, Woodbridge, N. J.
Valentine, Thos. J., Jr., contractor, St. Mary's, Pa.
Valentyne Mfg. Co., grain elevators, Minneapolis, Minn.
Valeur, H. O., & Co., architects, Phœnix Bldg., Muskogee, Okla.
Valhalla Co., chlorinators, 1313 Carmen av, Chicago, Ill.
Valier & Spies Milling Co., flour, Marine, Ill.
Valk, L. B. & A. L., architects, Stimson blk, Los Angeles, Cal.
Valk Mfg., machsts., Topeka, Kans.
Valk & Mudroch Co., mill & facty. supplies, Charleston, S. C.
Valkenburgh, E. P., architect, Middletown, N. Y.
Vallas, Wm. H., cornices, 2855 W. Lake, Chicago, Ill.
Valleau Mfg. Co., gold leaf, 506 Broome, New York.
Vallejo Carriage Wks., Vallejo, Cal.
Vallett, Henri, architect, 11 North av, New Rochelle, N. Y.
Valley Boat Co., motor boat bldrs., Saginaw, Mich.
Valley Canning Co., Newberg, Ore.
Valley Cash Canning Co., Montvale, Va.
Valley City Desk Co., Grand Rapids, Mich.
Valley City Mach. Wks., Grand Rapids, Mich.
Valley City Milling Co., flour, Grand Rapids, Mich.
Valley Constr. Co., North Yakima, Wash.
Valley Cornice & Slate Co., 314 N. Hamilton, Saginaw, Mich.
Valley Creek Lbr. Co., Rochester, N. Y.
Valley Forging Co., Verona, Pa.
Valley Foundry & Machine Works, Fresno, Cal.
Valley Grey Iron Fdry. Co., Saginaw, Mich.
Valley Iron Wks., 81 E. Water, St. Paul, Minn., and Williamsport, Pa.
Valley Iron Works Co., machsts. & fndrs., Appleton, Wis.
Valley Lumber Co., Phoenix, Ariz.
Valley Lumber Co., Reader, Ark., & 110 Market, San Fran., Cal.
Valley Mach. Co., Parkersburg, W. Va.
Valley Meat Co., packers, Marysville, Cal.
Valley Mills Cotton Oil Co., meal, Valley Mills, Tex.
Valley Mold & Iron Co., fndrs., Sharpsville, Pa.
Valley Packing Co., Lebanon, Ohio.
Valley Packing Co., meat, 3673 Colerain av, Cincinnati, Ohio.
Valley Paper Co., Holyoke, Mass.
Valley Shale Brick Co., Cleveland, Ohio.
Valley Springs Milling Co., flour, Valley Springs, Ark.
Valley Star Stove Co., founders, glass house molds, 29th & B. & O. R. R., Wheeling, W. Va.
Valley Tie & Lumber Co., Staunton, Va.
Valley Waste Mills, cotton waste, La Grange, Ga.
Valley Woolen Mills, blankets (horse & cattle), Marlboro, N. H.
Valliant, E. S., & Son, fertilizer mfrs., Church Hill, Md.
Valliant, J., canned goods, Oxford, Md.
Valliant, W. H., & Bros., Bellevue, Md.
Vallonia Canning Co., Vallonia, Ind.
Vallowe Bros., masons' & bldrs.' matls., Homestead, Pa.
Valvatone Wood Needle Co,, Kansas City, Mo.
Valvoline Oil Co., 11 B'way, New York.
Valz, E G., & Co., granite producers, Fitzwilliam Depot, N. H.
Valz Granite Co., Barre, Vt.
Valz, John P., granite producers, Fitzwilliam Depot, N. H.
Van Ackeren Bros., flour, Cedar Rapids, Neb.
Vanadium Alloys Steel Co., die blocks, billets, etc., Latrobe, Pa.
Vanadium Metals Co., Vanadium Bldg., Pittsburgh, Pa.
Van Aken, C. M., Cooperage Co., 141 B'way, New York.
Van Aken, Chas. H., Co., contractors, 148 W. 4th, New York.
Van Aken, Geo. J., contractor, Poughkeepsie, N. Y.
Van Alen Canning Corp., Ogden, Utah.
Van Alen & Co., nails, rolling mills, etc., Northumberland, Pa.
Van Alstine, G. M., contractors, Ithaca, N. Y.
Van Alstyne Cotton Oil Co., meal, Van Alstyne, Tex.
Van Alstyne Roller Mills, flour, Van Alstyne, Tex.
Van Alstyne, Walter, & Co., contractors, Rockford, Ill.
Van Amringe Granite Co., 167 Tremont, Boston, Mass.
Van Amringe, Theo., & Son, emery & pumice stone importers, 81 Fulton, New York.
Van Antwerp, Dudley S., architect, 44 Church, Jersey City, N. J.
Van Arnam Mfg. Co., plumbers' supplies, Fort Wayne, Ind.
Van Arnam, Marshall E., architect, State Life Bldg., Indianapolis, Ind.
Van Arsdale, Wm., bridle bits, Racine, Wis.
Vanardsdell, R. S., flour mills, Vanardsdell, Ky.
Van Assche, F., architects, horticultural, 150 Fulton av, Jersey City, N. J.
Van Atta, E. B., & Co., hydraulic presses, Olean, N. Y.
Vanatta, Mrs. F. M., cornices, Boonville, Mo.
Vanatta, John C., contractor, Brookston, Ind.
Van Auken, Geo. H., architect, 1265 B'way, New York.
Van Auken Rice Corp., fuel economizers, Adams, N. Y.
Van Bebber Bros., machinists, Petaluma, Cal.
Van Bergen, Jno. S., architect, Caldwell Bldg., Oak Park, Ill.
Van Bergh Silver Plate Co., Rochester, N. Y.
Van Blerck Motor Co., marine engines, Monroe, Mich.
Van Bree, Arie, Sons, whol. hdwe., Grand Rapids, Mich.
Van Briggle Tile & Pottery Co., Colorado Springs, Colo.
Van Brocklin & Son, knitted gloves, Amsterdam, N. Y.
Van Brunt, A., & Co., archts., Reliance Bldg., Kansas City, Mo.
Van Brunt, C. P., Mfg. Co., sash, door & blind, Moscow, Pa.
Van Brunt, Cortlandt, Gloyd bldg., Kansas City, Mo.
Van Brunt, J. C., & Sons, lumber, 291 Monroe, New York.
Van Brunt, John, architect, Republic Bldg., Kansas City, Mo.
Van Brunt Mfg. Co., agricultural implements, Horicon, Wis.
Van Buren Bros., loose leaf devices, 673 W. Madison, Chicago, Ill.
Van Buren, Charles, architect, Newark, N. Y.
Van Buren, J. M., & Co., paper & pulp mills, Mellenville, N. Y.
Van Buskirk & Bro., masons' & bldrs.' matls., Pottstown, Pa.
Van Buskirk, John W., ladders, Lawrence, Mass.
Van Camp, Geo., & Sons Co., canned goods, Westfield, Ind.
Van Camp Hardware & Iron Co., 401 W. Maryland, Indianapolis, Ind.
Van Camp & Newdigate, carriages, Mays Lick, Ky.
Van Camp Packing Co., canned goods, Indianapolis, Ind.
Van Camp Sea Food Co., canners, San Pedro, Cal.
Van Camp Varnish Co., 4476 E. 71st & Belt Line, Cleveland, O.
Vance & Baker Mfg. Co., machsts. & fndrs., Muscatine, Ia.
Vance, Charles H., architect, Westchester, Pa.
Vance Contracting Co., 1st Nal. Bank Bldg., Birmingham, Ala.
Vance, D. T., raw mica, Plumtree, N. C.
Vance, E. J., Box Co. (Ltd.), Bay City, Mich.
Vance, F. W., Co., canned goods, Columbia City, Ind.
Vance Guano Co., fertilizer mfrs., Henderson, N. C.
Vance, J. A., & Co., machinists, Winston-Salem, N. C.
Vance, J. L., & Co., fertilizer mfrs., Chilhowie, Va.
Vance, J. P., architect, Louis Blk, Dayton, Ohio.
Vance, J. W., & Co., whol. lbr., 214 Front, San Francisco, Cal.
Vance, Jas. R., steam fitters' supplies & heaters, Geneva, N. Y.
Vance, John C., Iron & Steel Co., whol. hdwe., Chattanooga, Tenn.

Vance, Jos. M., architect, 24 North, Pittsfield, Mass.
Vance-Lucke Co., heating contrs., 416 Home, Cincinnati, Ohio.
Vance, R. B., flour mills, Abingdon, Va.
Vance-Velter Co., traps, steam, Phipps Power Bldg., Pittsburgh, Pa.
Van Cleeck, E. L., architect, Santa Cruz, Cal.
Van Cleef Bros., hand soap, 7711 Woodlawn av, Chicago, Ill.
Van Cleef, Henry C., archt., 71 Livingston, Brooklyn, N. Y.
Vancouver Flour Mills Co., Vancouver, Wash.
Vanda Co., packing mfrs., 25th & Madison av, New York.
Vandalia R. R. Shops, machsts. & fndrs., Terre Haute, Ind.
Van Dalsem, W. S., architect, Danville, Ky.
Van Damme, T., architect, Mount Clemens, Mich.
Vandaveer, Jennings, brick, Houston, Tex.
Van De Carr Paper Co., Stockport, N. Y.
Van de Carr & Stacy, contractors, Hudson, N. Y.
Van Deman Machinery Specialties Co., 30 Church, New York.
See adv. index at end of book.
Vandenberg, C. C., architect, Scarritt Bldg., Kansas City, Mo.
Van der Arend, Nicholas, architect, Hagerman Bldg., Colorado Springs, Colo
Vanderbeck & Sons, lbr., Green, Jersey City, N. J.
Vanderbeek, A., machst. & fndr., Hartford, Conn.
Vanderbeek, Nelson K., architect, Englewood, N. J.
Vander Bent, T. J., architect, 101 Park av, New York.
Vanderberg Bros., contractors, 5802 Pemberton, Phila., Pa.
Vanderbilt, Clarence A., silver nov., 344 W. 38th, New York.
Vanderbilt, Cornelius, General Contr's. Co., West New Brighton, N. Y.
Vanderbilt, E. D., Co., masons' & bldrs.' matls., Hoboken, N. J.
Vanderbilt, Edw. W., ties, poles, etc., 126 Liberty, New York.
Vanderbilt, R. T., Co., clay miners & shippers, 50 E. 42nd, New York.
Vanderbilt Univ., engng. school & coll., Nashville, Tenn.
Vander Clute, W. W., architect, 55 B'way, New York.
Van Deren Hardware Co., Lexington, Ky.
Van Derhoort Hdwe. Co., belt dressing, Lansing, Mich.
Vandergrift Box Co., crates, Vandergrift, Pa.
Vandergrift & Morris, bolts, nuts, machy. guards, Shelbyville, Ind.
Vander Heyden, Fred H., brick, Ionia, Mich.
Vanderhoof Lime Co., Hamburg, N. J.
Vanderhoof, Peter, & Sons, Co., contractors, 285 Broad, Newark, N. J.
Van Der Horst, Henry L., contrs., Kalamazoo, Mich.
Vanderlip, H. E., & Co., steel struct. dlrs., 19 S. La Salle, Chicago, Ill.
Vanderman Mfg. Co., machsts. & fndrs., pipe vises, Willimantic, Conn.
Van der Naillen's School of Engng., Sharon Bldg., San Francisco, Cal.
Vanderoef, John J., & Son, masons' & bldrs.' matls., Montgomery, N. Y.
Vanderpool Co., tire vulcanizers, Springfield, Ohio.
Vanderslice-Stahmer Shoe Co., Davenport, Ia.
Vanderstucken-Ewing Constr. Co., Bethlehem, Pa.
Vanderveer, John, architect, Dubuque, Ia.
Van Dervoort Supply Co., masons' & bldrs.' matls., Jamestown, N. Y.
Vandervort, John, machst., Laceyville, Pa.
Vanderweil, Garret, contractor, Paterson, N. J.
Vanderwerf Co., contractors, 1738 E. 23d, Cleveland, Ohio.
Van Der West & Pease, architects, Muskegon, Mich.
Van Deusen, C. A., meat packers, Hudson, N. Y.
Van Deusen, H. M., Whip Co., Westfield, Mass.
Van Deusen, J. E., masons' & bldrs.' matls., Gowanda, N. Y.
Van Deveer, Marvin C., carriages, Council Bluffs, Iowa.
Van de Venter & Son, canned goods, Dundee, Mich.
Vandevort, R. G., architect, Bellevue, Pa.
Van Dinter, Louis & Son, organs, Mishawaka, Ind.
Vandivort, Wm. M., machsts., Nowata, Okla.
Van Doorn Co., ornamental iron; railings, etc., 210 Vermont, Quincy, Ill.
Van Doorn, Wallace, & Son, contractors, 229 W. 36th, New York.
Van Doren, E. I., electrical fixtures, Troy, N. Y.
Van Doren Roofing & Cornice Co., Seattle, Wash.
Vandoren, Wm. C., architect, Morristown, N. J.
Van Dorn Coupler Co., car couplers & ends, & draw-bar attachments, 2325 S. Paulina, Chicago, Ill.
Van Dorn & Dutton Co., gearing, 2978 Woodhill rd, Cleveland, Ohio.
Van Dorn Electric Tool Co., 2978 Woodhill rd, Cleveland, Ohio.
Van Dorn Iron Works Co., steel office furniture, facty equipt., etc., 2700 E. 79th, Cleveland, Ohio.
Van Dorp, L., cornices & skylights, Topeka, Kans.
Van Duyne, Orlin S., machsts., Boonton, N. J.
Van Duzen, E. W., Co., bell fndrs., pump mfrs., etc., 428 E. 2d, Cincinnati, Ohio.
Van Dyck, A. R., architect, McKnight Bldg., Minneapolis, Minn.
Vandyck Churchill Co., machy. dlrs., 85 Liberty, New York.
Van Dyck Panel Mfg. Co., car ceilings, Bound Brook, N. J.
Vandyke Piano Mfg. Co., Scranton, Pa.
Vane-Calvert Paint Co., 1601 N. Broadway, St. Louis, Mo.
Van Emon Elevator Co., 54 Natoma, San Francisco, Cal.
Vanes, Jno., Boiler Works Co., Brazil, Ind.
Van Ess, Jno. K., architect, Aberdeen, S. D.
Vanetti Granite Co., Barre, Vt.
Van Expansion Bolt Mfg. Co., 105 W. Monroe, Chicago, Ill.
Van Fleet Mfg. Co., machsts., Joliet, Ill.
Van Fossan, Jefferson P., contractor, Rockville, Ind.
Van Garrett, Jr., Esq., archt., Pasadena, Cal.
Vang Construction Co., Cumberland, Md.
Van Gel, John, & Sons, meat packers, 153 W. Russell av, St. Louis, Mo.
Van Gilder, Ralph Hayes, architect, Ocean City, N. J.
Vanguard Mfg. Co., auto. windshields, Conant rd & G. T. R. R. Hamtramck, Detroit, Mich.
Van Guilder Double Wall Co., concrete bldg. machy., Wayne Bldg., Rochester, N. Y.
Van Gundy, J. A., contractor, Lancaster, Ohio.
Van Gundy & Thomas, masons' & bldrs.' matls., Rockfield, Ind.
Van Guysling, W. H., architect, 1 Clinton sq, Albany, N. Y.
Van Hook, Geo. M., architect, 411 Walnut, Philadelphia, Pa.
Van Horn & Loven, architects, 209 7th, Bismarck, N. D.
Van Horn, Oliver H., mill & facty. supplies, 518 Camp, New Orleans, La.
Vanhorne, D. A., & Co., plate glass, 311 Mt. Pleasant av, Newark, N. J.
Van Horne, Philip T., architect, Sterling, Ill.
Van Houten, A. B., & Son, contractors, Paterson, N. J.
Van Houten, E. J. S., burners, mantles, 96 Park pl, New York.
Van Houten, Ersskine, contractor, 201 E. 68th, New York.
Van Hoven, John H. H., metal & brass signs, 42 E. 9th, New York.
Van Hoy & Son, contractors, Loogootee, Ind.
Van Iderstine, C. C., contractor, Marquette, Mich.
Van Iderstine Co., tallow, Long Island City, N. Y.
Van Ingen, Hendrik, architect, Cutler Bk. Bldg., Rochester, N. Y.
Vanishing Ceiling Bed Co., Phelan Bldg., San Francisco, Cal.
Vanishing Table Ironing Cabinet Co., Phelan Bldg., San Francisco, Cal.
Vanishing Wall Seat Cabinet Co., Phelan Bldg., San Fran., Cal.
Van John Range Co., 5th & Broadway, Cincinnati, Ohio.
Van Kannel Revolving Door Co., 250 W. 54th, New York.
Van Keulen & Winchester Lumber Co., Grand Rapids, Mich.
Van Keuren & Son, masons' & bldrs.' matls., 501 Passaic av, Newark, N. J.
Van Keuren & Warren, mill engrs., Birmingham, Ala.
Van Kirk, J. L., & Son, contractors, Canton, Ohio.
Van Kirk, John P., masons' & bldrs.' matls., Laporte, Ind.
Van Kirk, M. L., & Son, architects, Waterloo, N. Y.
Van Kirk, P. S., Co., contractors, Paterson, N. J.
Van Kirk, Walter M., Harrison Bldg., Philadelphia, Pa.
Van Laak Mfg. Co., 3281 Harrison, San Francisco, Cal.
Van Laanen, Arnold, common brick, De Pere, Wis.
Van Landegend, G. A., cornices, Holland, Mich.
Van Landegend, Tyler, cornices, Holland, Mich.
Vanleer Bros., lumber, Brookville, Pa.
Vanleer, E. S., masons' & bldrs.' matls., Manasquan, N. J.
Van Leyen & Schilling, architects, Union Trust Bldg., Detroit, Mich.
Van Loon, F. W., contractor, Denckla Bldg., Philadelphia, Pa.
Van Maldern F., stone carvers, 5th & Jumonville, Pittsburgh, Pa.
Van Meter, W. W., contractor, New Orleans, La.
Vannatta, A. L., machst. & fndr., Columbia, Mo.
Van Natta Aluminum Wks., 920 W. 12th, Erie, Pa.
Van Nerta, George O., archt., Treasury Dept., Washington, D. C.
Van Ness, M. B., machinist, Welsh, La.
Van Ness Slate Co., tubs, 29 Camp pl, Newark, N. J.
Vanneste Bros., chicory mfrs., Capsac, Mich.
Vannevar, Edmund B., & Co., water closet mfrs., 85 Atlantic av, Boston, Mass.
Van Nimwegan, A. P., & Bro., paint mfrs., Pella, Ia.
Van Noorden, E., & Co., cornices & skylights, etc., 100 Magazine, Boston, Mass.
Van Norman Machine Tool Co., machine tool mfrs., Wilbraham av, Springfield, Mass.
Van Nort Carbon Brush Co., St. Louis, Mo.
Van Nostrand Saddlery Co., Muscatine, Ia.
Vannote Lumber Co., Point Pleasant, N. J.
Van Nouhuys Machine Works, Albany, N. Y.
Van Nuys, P. C., architect, Somerville, N. J.
Van Orden, Matthew Co., masons' & bldrs.' matls., Houghton, Mich.
Van Ormer, Roy H., architect, 7132 Race, Pittsburgh, Pa.
Vanosdell, Clark, machinist & founder, Eldon, Mo.
Van Patten, C., contractor, Salem, Ore.
Van Pelt, Geo. H., cutting dies, 440 W. Huron, Chicago, Ill.
Van Pelt, Jno. V., architect, 381 4th av, New York, & Stock Exchange Bldg., Philadelphia, Pa.
Van Pool Bros., contractors, Janesville, Wis.
Vanport Brick Co., fire, Farmers' Bank Bldg., Pittsburgh, Pa.
Van Rensselaer, C. G., architect, 175 Jay, Schenectady, N. Y.
Van Rhienen Constr. Co., 353 40th, Milwaukee, Wis.
Van Riper Mfg. Co., mill & facty. supplies, Paterson, N. J.
Van Roden, Frank, contractor, Rutherford, N. J.
Van Ryn & De Gelleke, architects, Caswell blk, Milwaukee, Wis.
Van Sant-Houghton Co., contractors, 503 Market, San Francisco, Cal.
Van Sant, J. R., Construction Co., Dwight Bldg., Kansas City, Mo.
Vansant, Kitchen & Co., lumber mfrs., Ashland, Ky.
Van Sant, Robt. L., contrs., Fullerton Bldg., St. Louis, Mo.

Vansant, S. G., ship bldr., Atlantic City, N. J.
Van Schaack Bros. Chemical Works, oil (fuel), 3358 Avondale, Chicago, Ill.
Van Seetendael, Arthur J., archt., 15 N. B'way, Yonkers, N. Y. N. Y.
Van Sickel Co., lbr., Usina, Pa.
Van Sickle, W. B., heating contrs., 707 Frankfort av, Cleveland, Ohio.
Van Sicklen Co., speedometers, Elgin, Ill.
Van Slyck, Chas. B., architect, Beacon, N. Y.
Van Slyke, F. J., & Co., machsts., Linesville, Pa.
Van Slyke-Woodruff & Muller, architects, Burk Burnett Bldg., Fort Worth, Tex.
Van Steen, J. H., Co., masons' & bldrs.' matls., Beatrice, Neb.
Vanstone, Walter, cornices, 2910 E. 18th, Kansas City, Mo.
Vantassel, R. H., feed & flour mills, Corry, Pa.
Van Tilburg Oil Co., lubrg., 2424 University av, S. E., Minneapolis, Minn.
Van Tine, G. N., masons' & bldrs.' matls., Caro, Mich.
Van Tine, W. H., architect, Fisher Arcade, Detroit, Mich.
Van Trees, P. J., architect, 210 W. 7th, Los Angeles, Cal.
Vantyne, Roland M., archt., Peyton Bldg., Spokane, Wash.
Van Valkenburg, Carlton, architect, 300 5th av, New York.
Van Valkenburg, L. D., pen clips, stationers' specialties, water filters, etc., Holyoke, Mass.
Van Vlandren & Culver, 790 Broad, Newark, N. J.
Van Vleck & Goldsmith, architects, 111 5th av, New York.
Van Voorhees & Harvey, architects, Hale Bldg., Phila., Pa.
Van Voorhies, A. A., & Co., horse collars, Sacramento, Cal.
Van Vorst, C. B., Co., mattresses, Los Angeles, Cal.
Van Wambeke, H. F., carriages, Elgin, Ill.
Van Wagner, E. B., Mfg. Co., fuse shrapnel plugs, Syracuse, N. Y.
Von Wagner, E. B., Mfg. Co., machsts. & fndrs., Fayetteville, N. Y.
Van Wagner, Geo. E. B., masons' & bldrs.' matls., Hyde Park, N. Y.
Van Wagoner Co., hinge mfrs., Lima, Ohio.
Van Wagoner-Linn Constr. Co., 1133 B'way, New York.
Van Weelden, H., architect, Babylon, N. Y.
Van Wert Novelty Co., match safes, Van Wert Co.
Van Wie Pump Co., 715 W. Fayette, Syracuse, N. Y.
Van Winkle, J. A., Co., steamfitters' supps., 168 Main, Paterson, N. J.
Van Winkle Motor Truck Co., Atlanta, Ga.
Van Wolkenburg, Forest D., architect, Kalamazoo, Mich.
Vant Woud Rubber Co., rubber bath sprays, 168 39th, B'klyn, N. Y.
Van Wyck & Stringham, buckwheat flour, Fishkill Plains, N. Y.
Van Zandt Gas Appliance Co., parlor gas grates, 4050 Olive, St. Louis, Mo.
Van Zandt-Moore Iron Wks., Fort Worth, Tex.
Vaparaiso Univ., engng. schools & coll., Vaparaiso, Ind.
Vapo-Cresoline Co., disinfectants, 62 Cortland, New York.
Vapor Heating Co., North American Bldg., Philadelphia, Pa.
Vapor Regulator Co., temperature regulators, 3203 Columbia av, Philadelphia, Pa.
Vapor-Vacuum Heating Co., 1215 Walnut, Philadelphia, Pa.
Vapor Valve Co., pneu. spray brushes, St. Louis, Mo.
Vare, Edwin H., contractor, Lincoln Bldg., Philadelphia, Pa.
Varian Bros., architects, 400 Oliver pl, New York.
Varian, Chester C., architect, 741 E. 232d, New York.
Varian & Varian, architects, Gas & Elec. Bldg., Denver, Colo.
Varick, Jno. B., Co., mill & facty. supplies, whol. hdwe., Manchester, N. H.
Variety Iron & Steel Work Co., steel plate work, etc., Hamilton av & E. 40th, Cleveland, Ohio.
Variety Iron Wks., grey iron castings, Seattle, Wash.
Variety Mfg. Co., doors, hoists, shutters, etc., 2958 Carroll av, Chicago, Ill.
Varley, Geo., & Sons, contractors, 29 Hudson, Newark, N. J.
Varn & Platt Co., canned goods, Savannah, Ga.
Varnay, Geo., machst. & fndr., Kennebunk, Me.
Varner, J. M., masons' & bldrs.' matls., Sasser, Ga.
Varney Elec'l Supply Co., Indianapolis, Ind.
Varney Htg. & Mfg. Co., machsts., Leavenworth, Kans.
Varney, Isaac, & Sons Co., box shooks, Fall River, Mass.
Varney, N. E., miners' candlesticks, Denver, Colo.
Varney, Penn, architect, 25 Exch., Lynn, Mass.
Varney & Varney, architects, Palmer Bldg., Detroit, Mich.
Varney & Winter, architects, Dime Bank Bldg., Detroit, Mich.
Varnum, Percy E., contractor, Lowell, Mass.
Varon, David I., architect, 150 Nassau, New York.
Varone Bros., contrs., 287 Davenport, Bridgeport, Conn.
Varrone, Crescent L., architect, Corona, N. Y.
Varwig Mfg. Co., electric pumps, 120 Opera pl, Cincinnati, O.
Vasconcellos & Sons, contractors, Jacksonville, Ill.
Vasil Steam Systems Co., Hudson, Mass.
Vass Chemical Co., Danbury, Conn.
Vassar Knitting Wks., Bay City, Mich.
Vassar Milk Condensing Co., canned, Detroit, Mich.
Vassas Freres, briar wood, 28 Front, New York.
Vassiloros Contr. Co., 154 Nassau, New York.
Vaughan & Bushnell Mfg. Co., hdwe. mfrs., 2114 Carroll av, Chicago, Ill.
Vaughan, H. G., contractor, 68 Post, San Francisco, Cal.
Vaughan, Henry, architect, 20 Pemberton sq., Boston, Mass.
Vaughan & Kibbe, contractors, Springfield, Mass.
Vaughan, Louis, architect, Blair, Neb.
Vaughan Lbr. Co., San Antonio, Tex.
Vaughan Motor Wks., 475 E. Main, Portland, Ore.
Vaughan Novelty Mfg. Co., advertising specialties, 703 Fulton, Chicago, Ill.
Vaughan-O'Neil & Co., glass stainers, 82 Sudbury, Boston, Mass.
Vaughan Paint Co., Columbus & Big 4, Cleveland, Ohio.
Vaughn, C. P., & Dunn, woolen blankets & flannels, Willis, Va.
Vaughn, C. S., Co., contractors, Buhl Blk., Detroit, Mich.
Vaughn Foundry Co., Norwich, Conn.
Vaughn, George, architect, 13 Central sq, Youngstown, Ohio.
Vaughn, J. T., boot counters, Haverhill, Mass.
Vaughn, L., Co., sash, door & blind mfrs., 1153 Westminster, Providence, R. I.
Vaughn Lbr. Co., Houston, Tex.
Vaughn Mfg. Co., agricultural implements, Jefferson, Wis.
Vaughn, Merrill T., architect, Woodridge, D. C.
Vaughn, S. Hudson, architect, Atlantic City, N. J.
Vaughn Mfg. Co., agrl. implt. mfrs., Morris, Minn.
Vaughn, W. A., archt., 61 New York av, N. W. Washington, D. C.
Vautrin, Peter J., contr., Galveston, Tex.
Vawter, John Terrell, Esq., archt., Hibernian bldg., Los Angeles, Cal.
V. & D. Elec. Co., lamps, Franklin, Ohio.
Veach, J. M., Co., flour, Adairsville, Ga.
Veale Bros., contractors, Hazleton, Pa.
Veazie, W. D., & Co., lbr., West Thornton, N. H.
Vecco Co., talking mach. motors, 248 Boylston, Boston, Mass.
Vedder Patern Wks., Troy, N. Y.
Veeder & Brown, lumber mfrs., Schenctady, N. Y.
Veeder Mfg. Co., pole counters, cyclometers, etc., Sargeant & Garden, Hartford, Conn.
Veedersburg Paver Co., Veedersburg, Ind.
Veerac Co., automobile bldrs., Anoka, Minn.
Veeser, Frank, archl. iron, 228 E. 150th, New York.
Vega Separator Co., Fostoria, Ohio.
Vegliante, Anton L., architect, Garfield, N. J.
Vehicle Spec. Co., washers, Hartford, Conn.
Vehicle Supply Co., neck yokes, Cairo, Ill.
Vehicle Top & Supply Co., 3414 Lindell av, St. Louis, Mo.
Veide, C. L., & Co., contractors, Pekin, Ill.
Veide, Roelfs & Co., whol. hdwe., Pekin, Ill.
Veihmeyer & Lapish, stone producers, 1420 Ohio av, N. W., Washington, D. C.
Veiling, Anton, machst., Yankton, S. D.
Veit, Herman, Inc., contr., 260 De Voe, Brooklyn, N. Y.
Veit Mfg. Co., interior finish mfrs., Grand Rapids, Mich.
Veitch, W. P., building & asphalt paving contr., Richmond, Va.
Veitch, W. T., & Bro., contractors, Oakland, Cal.
Velde, Roelfs & Co., mill & facty supplies, Pekin, Ill.
Velie Carriage Co., Moline, Ill.
Velie Motors Corp., Moline, Ill.
Velte Foundry & Mach. Mo., Mars, Pa.
Veltengruber Bros., lumber, Frankenmuth, Mich.
Velvetta Mfg. Co., sweeping compounds, 142 N. 4th, Phila., Pa.
Venable Bros., crushed stone, Atlanta, Ga.
Venango Mfg. Co., machsts. & fndrs., Franklin, Pa.
Vendar Slate Co., Bangor, Pa.
Venderbush & Looman Co., exhaust & blow piping, Detroit, Mich.
Vendome Copper & Brass Works, Louisville, Ky.
Veneer Products Co., packing box mfrs., Greenville, Me.
Veness, J. A., Lumber Co., Winlock, Wash.
Veness, J. W., machinist & founder, Albert Lea, Minn.
Venetian Marble Mosaic Art Co., 211 Monroe, Detroit, Mich.
Venetian Mosaic & Granitoid Co., 2233 Clark av, St. Louis, Mo.
Venn-Severin Machine Co., lavatory locks, 1317 W. North, Chicago, Ill.
Ventilating Closet Seat Co., Wausau, Wis.
Ventura Mfg. & Implement Co., machinists, Ventura, Cal.
Ventura Refining Co., 454 S. Spring, Los Angeles, Cal.
Venus Elec. Lamp Co., Detroit, Mich.
Vera Cedar Co., lumber, Arlington, Wash.
Verbeek, Harry, steam fitters' supplies, 175 W. Jackson blvd, Chicago, Ill.
VERD CHEMICAL CO., rosin sizings, sal soda, soap powders & soda ash, Hopkins & Villard avs, N. Milwaukee, Wis.; Stoneham, Mass., & Burlington, Ontario, Can.
Verdeckburg Iron & Wire Works Co., Denver, Colo.
Verdel, E. F., & Co., cornices & skylights, Memphis, Tenn.
Verdi Lumber Co., Verdi, Nev.
Verdigris Valley Vitrified Brick & Tile Co., Neodesha, Kans.
Verdin, Kappes & Verdin Co., dies, etc., Cincnnati, Ohio.
Verdon & Co., marine steering gears, Richmond Terrace, W. New Brighton, S. I., N. Y.
Verduin, Abraham, contractor, Paterson, N. J.
Verges, Fred., cornices, 2543 Vine, Cincinnati, Ohio.
Verhaegre, A., cornices, 564 Mt. Elliott, Detroit, Mich
Vermenlen, A. A., architect, 253 S. Broadway, Los Angeles, Cal.
Vermillion Malleable Iron Co., machsts. & fndrs., Hoopeston, Ill.
Vermillion, Wm., contractor, Newman, Ill.
Vt. Butter Tub Co., Barton, Vt.
Vt. Constr. Co., Burlington, Vt.
Vt. Farm Machine Co., Bellows Falls, Vt.
Vt. Hardware Co., Burlington, Vt.
Vt. Marble Co., Proctor, Vt.

Vt. Shade Roller Co., Burlington, Vt.
Vt. Snath Co., brass fndrs., Springfield, Vt.
Vt. Soapstone Co., griddles & foot warmers, Perkinsville, Vt.
Vt. Spool & Bobbin Co., Burlington, Vt.
Vt. Talc Co., Holyoke, Mass.
Vt. Unfading Green Slate Co., Fair Haven, Vt.
Verner Oil Co., Lattimore, N. C.
Vernier Mfg. Co., tanks, etc., Cedar Rapids, Ia.
Vernia, John, & Son Marble Co., stone producers, New Albany, Ind.
Vernon, E. G., & Son, masons' & bldrs.' matls., Anderson, Ind.
Vernon Mfg. Co., horns (automobile), Los Angeles, Cal.
Vernon Metal & Produce Co., pig lead, ingots, etc., 25 Beaver, New York.
Vernon, S. E. & M., pads & tablets, 65 Duane, New York.
Vernon, Watson, architect, Aberdeen, Wash.
Verona Steel Castings Co., Pitsburgh, Pa.
Verona Tool Works, Oliver Bldg., Pittsburgh, Pa.
Veronesi Mfg. Co., granite producers, East Barre, Vt.
Verplank, J. J., architect, Gary, Ind.
Verrone, L., scrap rubber, 209 Charlton, Newark, N. J.
Versailles Sanitary Fibre Mills, cotton, Versailles, Conn.
Versoy, Irving R., architect & motor boat bldr., Morris Cove, New Haven, Conn.
Versteeg Brick Co., masons' & bldrs.' matls., 1027 Tillanook, Portland, Ore.
Vertical Condenser Co., Gerke Bldg., Cincinnati, Ohio.
Vertz, Geo. R., & Co., contractors, 1615 Nicollett av, Minneapolis, Minn
Verville, A. J., contractor, Hancock, Mich.
Very, A. O., contractor, Mason Bldg., Los Angeles, Cal.
Very, Samuel R. T., architect, 70 E. 45th, New York.
Vesper Wood Mfg. Co., silos, Vesper, Wis.
Vesta Accumulator Co., rheostats, storage battery charging sets, 2100 Indiana av, Chicago, Ill.
Vesta Gas Range & Mfg. Co., Chattanooga, Tenn.
Vestal Liquid Soap & Disinfectant Co., 1121 Pine, St. Louis, Mo.
Vestal Lumber & Mfg. Co., Knoxville, Tenn.
Vester, J. W., architect, Washington, Pa.
Vester & Son, architects, Mutual Sav. Bk. Bldg., Wheeling, W. Va.
Vester, Stewart & Rossell Co., contractors, Washington, Pa.
Vesterdahl, Karl, & Co., ice refrg. machy., 90 West, New York.
Vesuvius Crucible Co., Swissvale, Pa.
Vesuvius Lumber Co., Montgomery, Ala.
Vesuvius Plow Works, machsts. & fndrs., Vesuvius, Va.
Vette & Zuncker, meat packers & canned goods, 220 N. Green, Chicago, Ill.
Vetter, C. B., cornices & skylights, Pensacola, Fla.
Vetter, Frank J., stone, Jefferson City, Mo.
Vetter, H. G., architect, United Bk. Bldg., Cleveland, Ohio.
Vetter, H. J., machst. & fndr., Jefferson City, Mo.
Vetter Mfg. Co., filing cabinets, Rochester, N. Y.
Vetter Mfg. Co., sash, door & blind, Stevens Point, Wis.
Viall Motor Car Co., 21 E. 111th, Chicago, Ill.
Viall, O. A., masons' & bldrs.' matls., 11820 S. Union av, Chicago, Ill.
Vianney Wire Die Works, wire die mfrs., 1 Union sq, New York.
Vibrassage Co., vibrators, 659 Wells, Chicago, Ill.
Vibrator Instrument Co., fndrs., Chattanooga, Tenn.
Vibrolithic Constr. Co., Dallas, Tex.
Vibroplex Co., Inc., telegraph transmitters, 253 B'way, New York.
Vicary, Geo. S., machst., Lima, Ohio.
Vickers, A., architect, 70 E. 45th, New York.
Vickers Construction Co., 280 W. 113th, New York.
Vickers & Sandlin, turpentine, Bakers Mills, Fla.
Vickery, John W., architect, Sibley Blk., Rochester, N. Y.
Vicksburg Boiler & Iron Works, Vicksburg, Miss.
Vicksburg Governor Co., Vicksburg, Mich.
Victor Animatograph Co., machinery, Davenport, Ia.
Victor-Balata & Textile Belting Co., belting mfrs., 38 Murray, New York.
Victor Brass Mfg. Co., machsts. & fndrs., 6813 Wade Park av, Cleveland, Ohio.
Victor Buggy & Auto Top Co., 2615 Pestalozzi, St. Louis, Mo.
Victor Chemical Works, acid phosphoric, etc., Fisher Bldg., Chicago, Ill.
Victor Combination Kitchen Boiler Co., range boilers, 4th & Washington, Oakland, Cal.
Victor Cotton Oil Co., fertz. mfrs., Gaffney, S. C.
Victor Electric Co., dynamo & motor mfrs., etc., Jackson blvd & Robey, Chicago, Ill.
Victor Iron Works, Inc., 1106 Brook av, New York.
Victor Iron Works Co., 7th & Victor, St. Louis, Mo.
Victor Jar Co., 321 Monroe av, Detroit, Mich.
Victor Lamp Wks., nitrogen lamps, 507 Union pl, Union Hill, N. J.
Victor Machine Works, St. Louis, Mo.
Victor Mfg. Co., machsts. & fndrs. & hdwe. mfrs., Newburyport, Mass.
Victor Mfg. Co., track jacks, Bloomfield, Ind.
Victor Mfg. Co., washing machines, Leavenworth, Kans.
Victor Mfg. & Gasket Co., 1956 S. Troy, Chicago, Ill.
Victor Milling Co., flour, Victor, N. Y.
Victor Mills Co., flour, Morgantown, W. Va.
Victor Motor Washing Machine Co., 11 W. 7th, Cincinnati, O.
Victor Preserving Co., Victor, N. Y.
Victor Rubber Co., Springfield, Ohio.
Victor Safe & Lock Co., Cleany av & N. & W. Belt Line, Norwood, Cincinnati, Ohio.
Victor Saw Wks., hack saw blades, frames & machs., Springfield, Mass.
Victor Shaw Ring Traveler Co., 23 Sabin, Providence, R. I.
Victor Sporting Goods Co., Springfield, Mass.
Victor Spring Bed Co., 208 W. Robinson, Pittsburgh, Pa.
Victor Steel Co., 50 Broad, New York.
Victor Storage Battery Co., Rock Island, Ill.
Victor Stove Co., Salem, Ohio.
Victor Talking Machine Co., machsts., Camden, N. J.
Victor Tool Co., chuck & tap mfrs., Waynesboro, Pa.
Victor Truck Co., trucks & wheels, Johnsonburg, Pa.
Victor Typewriter Co., 280 Madison av, New York.
Victor Vacuum Cleaner Co., 224 High av, Cleveland, Ohio.
Victoria Bldg. & Contr. Co., 35 W. 39th, New York.
Victoria Button Works, 23 W. 30th, New York.
Victoria Elec. Appliance Mfg. Co., auto headlight bulbs, Union Hill, N. J.
Victoria Lumber Co., Ltd., Shreveport, La.
Victoria Marble Co., Knoxville, Tenn.
Victoria Metal Co., machsts. & fndrs., Erie, Pa.
Victoria Paper Mills Co., Fulton, N. Y.
Victoria Plush Mills, Swarthmore, Pa.
Victoria Safe & Lock Co., Victoria, Tex.
Victoria White Granite Co., Keene, N. H.
Victorsohn, Morris, iron, 199 3d, Jersey City, N. J.
Victorson Varnish Co., 100 William, New York.
Victrolene Company, automobile & furniture polish mfrs., 39 Pearl, Boston, Mass.
Vidalia Chemical Co., Vidalia, Ga.
Viehe-Naess Ivar, architect, 64 E. Van Buren, Chicago, Ill.
Vielé, Blackwell & Buck, consulting engnrs., 49 Wall, New York.
Vienna Braid & Tape Co., Pawtucket, R. I.
Vienna Canning Co., Vienna, Ind.
Vienna Pearl Button Mfg. Co., 20 W. 27th, New York.
Vierengel, Mathew, bag making machy., 32 S. 6th, Brooklyn, N. Y.
Vierheilig, C. G., architect, Houseman Blk, Grand Rapids, Mich.
Vierkant, H. C., fire alarms, Tarrytown, N. Y.
Vierling Machine Co., Phipps Power Bldg., Pittsburgh, Pa.
Vierling Steel Works, 23d & Stewart av, Chicago, Ill.
Vietor, Wm. A., machst., Eureka, Cal.
Viett & Co., cornices, Rockville, Md.
View, Wm. E., machst., Woodstock, Vt.
Viflex Camera Co., Springfield, Mass.
Vigo Am. Clay Co., hollow bldg. blocks, linings, drain tile, etc., Terre Haute, Ind.
Vigo Tile & Brick Co., Vigo, Ohio.
Vignaux, W. A., contractor, Englewood, N. J.
Viking Elec. Co., 152 Chambers, New York.
Viking Pump Co., Cedar Falls, Ia.
Viking Refrigerator & Mfg. Co., store & bar fixtures, 1305 Walnut, Kansas City, Mo.
Viking Shear Co., Erie, Pa.
Viking Sign Co., elec. illuminated signs, 527 Fifth av, New York.
Viking Tool & Mach. Co., jigs & fixtures, 75 13th, Brooklyn, N. Y.
Vila, H. S., Color Co., aniline colors, 243 S. 2d, Phila., Pa.
Vilas Bros., floor finish, paint mfrs., etc., 717 S. 5th av, Chicago, Ill.
Villa Rica Cotton Oil Co., Villa Rica, Ga.
Villanova Coll. of Technology, engng. schools & coll., Villanova, Pa.
Villaume Box & Lumber Co., Chicago & Ind. avs, & Walter, St. Paul, Minn.
Villinger Mfg. Co., machsts., Williamsport, Pa.
Villmont, P. S., & Co., elec. portables, 20 W. 22nd, New York.
Vilsack, Martin, Co., bridge railings, 3222 Penn av, Pittsburgh, Pa.
Vilter Mfg. Co., Corliss engines & refrigerating machinery, 1046 Clinton, Milwaukee, Wis. *See adv index at end of book*
Vim Motor Co., machsts., Sandusky, Ohio.
Vim Motor Truck Co., Market & 23d, Philadelphia, Pa.
Vinal, Arthur H., architect, 19 Milk, Boston, Mass.
Vinal, Ralph S., landscape architect, 46 Cornhill, Boston, Mass.
Vincennes Bridge Co., steel structural works, Vincennes, Ind.
Vincennes Foundry & Machine Co., Vincennes, Ind.
Vincennes Galvanized Iron Works, cornices & skylights, Vincennes, Ind.
Vincennes Motor Mfg. Co., carbureters, Vincennes, Ind.
Vincennes Tractor Co., machsts. & fndrs., Vincennes, Ind.
Vincent-Alward Co., bed & furniture springs, auto. seals, etc., Kenosha, Wis.
Vincent, F. J., cotton & jute felts, mattresses, etc., Little Falls, N. Y.
Vincent, G. E., lumber, Anacortes, Wash.
Vincent, H. G., contractor, Billings, Mont.
Vincent, M., machinist, Selma, Cal.
Vincent Steel Process Co., case hardening, tempering to order, etc., 751 Bellevue av, Detroit, Mich.
Vincent Stone Co., Albion & Hulberton, N. Y.
Vincent, W. C., & Son, masons' & bldrs.' matls., brick, Harrison, Ohio.
Vincent-Wolters Co., hardware (whol.), Manistee, Mich.
Vindex Elec. Mfg. Co., machsts., Aurora, Ill.

Vinegar Bend Lumber Co., Vinegar Bend, Ala.
Vinegrove Lumber Co., Vinegrove, Ky.
Vineland Flint Glass Works, glassware, Vineland, N. J.
Vineland Scientific Glass Co., glassware, Vineland, N. J.
Viner & Son, organs, 30 Lansing, Buffalo, N. Y.
Viney, B. C., architect, Longmont, Colo.
Vinita Refining Co., petroleum, Vinita, Okla.
Vinton Canning Co., Vinton, Ia.
Vinton Co., contractors, Woolbridge & Beaubien, Detroit, Mich.
Vinton & Lyons, contrs., Uniontown, Pa.
Vinton, Wm. H., & Son, paper & pulp mills, Brattleboro, Vt.
Vinyard Ship Building Co., Milford, Del.
Viola Milling Co., flour, Viola, Tenn.
Vioray Mfg. Co., therapeutic lamps, 915 Whitlock av, New York.
Vipond Coal Co., masons' & bldrs.' matls., Altoona, Pa.
Vipond, John S., contractor, Altoona, Pa.
Virden Co., chandelier chains, Ashland rd & Longfellow, Cleveland, Ohio.
Virgin, J. M., & Son, rattan furniture, Saco, Me.
Virgin, Wm. E., contractor, Concord, N. H.
Va. Blower & Heater Co., Inc., Richmond, Va.
Va. Brick Co., Arlington & Suffolk, Va., & Colorado Bldg., Washington, D. C.
Va. Bridge & Iron Co., machsts., fdrs., & steel structural work, Roanoke, Va., & Memphis, Tenn.
Va. Can Co., Buchanan, Va.
Va. Canning Co., Petersburg, Ill.
Va. Carolina Chemical Co., fertilizer mfrs., Augusta, Ga., & Richmond, Va.
Va.-Carolina Hardware Co., 1332 E. Main, Richmond, Va.
Va.-Carolina Supply Co., plumbers' supp., jobbers, Norfolk, Va.
Va.-Carolina Tie & Wood Co., lumber mfrs., Norfolk, Va.
Va. Cedar Wks., ladders, West Norfolk, Va.
Va. Consolidated Milling Co., flour, cotton sheetings, canvas, etc., Petersburg, Va.
Va. Electrolytic Co., ferro-tungsten, ferro-chrome, etc., 51 E. 42nd, New York.
Va. Excelsior Co., Fredericksburg, Va.
Va. Forging & Mfg. Co., bronze forgings, Richmond, Va.
Va. Fdry. & Mach. Co., Virginia, Minn.
Va. Glass Co., bottles, Alexandria, Va.
Va. Iron, Coal & Coke Co., blast furnaces, Roanoke, Va.
Va. Iron & Metal Co., machsts., 7th & Semmes, Richmond, Va.
Va. Leather Co., belting mfrs., Richmond, Va.
Va. Lumber & Box Co., shooks, Petersburg, Va.
Va. Lumber & Mfg. Co., masons' & bldrs.' matls., Roanoke, Va.
Va. Machinery & Well Co., machinery dealer, Richmond, Va.
Va. Mfg. Co., paper dishes, plates, etc., Suffolk, Va.
Va. Metal Culvert Co., Roanoke, Va.
Va. Military Institute, engng. school & coll., Lexington, Va.
Va. Mills, flour, Suffolk, Va.
Va. Ore Mining Co., Fidelity Bldg., Duluth, Minn.
Va. & Pittsburgh Coal & Coke Co., Fairmont, W. Va.
Va. Polytechnic Institute, Blacksburg, Va.
Va. Portland Cement Co., Allentown, Pa.
Va. Products Corp., acids, oils, 3rd av & 8th, Baltimore, Md.
Va. Railway Supply Co., guard rail fasteners, Norfolk, Va.
Va. & Rainy Lake Co., lbr., Duluth, Minn.
Va. Realty & Constr. Co., Inc., 1422 W. Gary, Richmond, Va.
Va. Roofing & Cornice Co., Virginia, Minn.
Va. Sand & Gravel Co., Petersburg, Va.
Va. School Supply Co., heating system, Richmond, Va.
Va. Smelting Co., refiners, sulphur dioxide, W. Norfolk, Va.
Va. Soapstone Co., Schuyler, Va.
Va. Trunk & Bag Co., Petersburg, Va.
Va. Wagon Co., South Boston, Va.
Va. Woolen Co., woolen flannels, Winchester, Va.
Virginian Elec. & Mach. Wks., trolley line matls., Charleston & Kanawka, W. Va.
Virkler, A. G., machst. & fndr., Lowville, N. Y.
Virtue & Pound Co., auto. & transmission gears, Owatonna, Minn.
Visco Motor Oil Co., soap, lubricating oils, 2104 Superior av, N. W., Cleveland, Ohio.
Viscol Co., belt dressing, oils, etc., Cambridge, Mass.
Viscosity Oil Co., lubrg., 1101 W. 37th, Chicago, Ill.
Visigraph Typewriter Co., 37 W. 116th, New York.
Visor Knitting Mills, sweaters, cardigans, etc., Niagara Falls, N. Y.
Visscher, Theo. C., archit., 299 Madison av, New York.
Visser, John, architect, Twin Falls, Idaho.
Visser, Jos., architect, Boise, Idaho.
Vissering, Harry, & Co., sand htrs., 14 E. Jackson blvd, Chicago, Ill.
Vissman, C. F., & Co., meat packers, Louisville, Ky.
Vitagraph Co. of Am., films, E. 15th, Brooklyn, N. Y.
Vitale & Rothery, architects, 527 5th av, New York.
Vitanola Talking Machine Co., 501 W. 35th, Chicago, Ill.
Viticoute, John B., architect, Lawrence, Mass.
Vitolite Co., 133 W. Washington, Chicago, Ill.
Vitolo, Frank E., architect, 16 E. 23rd, New York.
Vitrified Wheel Co., emery wheel mfrs., Westfield, Mass.
Vitrifix Co., concrete hardeners, 133 W. Washington, Chicago, Ill.
Vitrifyx Co., waterproofing matls., 133 W. Washington, Chicago, Ill.
Vitro Mfg. Co., coloring oxides, Bessemer Bldg., Pittsburgh, Pa.
Vitrolite Construction Co., Caswell blk, Milwaukee, Wis., 1490 Mission, San Francisco, Cal.
Vitzthum & Teich, architects, 21 E. Van Buren, Chicago, Ill.
Vivarttas, Percie A., architect, 110 4th, Weehawken, N. J.
Vivian, Clinton L., architect, 120 E. State, Ithaca, N. Y.
Vixen Tool Co., file mfrs., 50th & Lancaster av, Phila., Pa.
Vichek Tool Co., chisels, hammers, pliers, etc., 10711 Quincy av, Cleveland, Ohio.
Vnson Contracting Co., 203 Indiana av, Washington, D. C.
Vodrey Pottery Co., East Liverpool, Ohio.
Vodrie Sheet Metal Wks., cornices & skylights, San Antonio, Tex.
Voegele Bros., masons' & bldrs.' matls., Mansfield, Ohio.
Voelkel, G. E., architect, 1349 E. Washington, Los Angeles, Cal.
Voelker, Geo. W., & Co., textile machy. supplies, Woonsocket, R. I.
Voelker & Groff, brick, Winona, Minn.
Voelker, John Ph., architect, 979 3d av, New York.
Voelker, Philip L., mill brushes, 2 Bucklin, Providence, R. I.
Voelz, Henry W., architect, Caswell blk, Milwaukee, Wis.
Vogan, J. P., sucker rods, Franklin, Pa.
Vogel, Adolph, contractor, West Orange, N. J.
Vogel & Binder Co., sash, door & blind mfrs., Rochester, N. Y.
Vogel, Chas., architect, 133 16th, Newport, Ky.
Vogel, Edward J., architect, 2335 Pacific av, San Francisco, Cal.
Vogel & Franchi, machsts., Fort Lee, N. J.
Vogel, H. G., Co., sprinklers, 487 B'way, New York.
Vogel, Jacob, & Son, meat packers, 2604 Colerain av, Cincinnati, Ohio.
Vogel, Jos., & Co., anti-freezing & school water closets, 1203 Lombard, Wilmington, Del.
Vogel, P. A., & Sons, mill & facty., plumbers' & steamfitters' supplies, Louisville, Ky.
Vogel, R., machsts., New Rochelle, N. Y.
Vogel, W. H., cornices, Cape Girardeau, Mo.
Vogel, Wm., models, etc., 68 Nassau, New York.
Vogel, Wm., & Bros., disinfectant machy., metal novelties & specialties, etc., 37 S. 9th, Brooklyn, N. Y.
Vogelgesang Furnace Co., water htrs., Columbus, Ohio.
Vogelmeier Bros., brick, Newark, Ohio.
Vogelsang Bros. Construction Co., Cape Girardeau, Mo.
Vogely & Todd, carriages, Nashville, Tenn.
Voggenthaler, E. J., Co., iron & steel structl. wk., Dubuque, Ia.
Vogl Tool Co., 912 E. 19th, Kansas City, Mo.
Vogt Bros. Mfg. Co., pumps, ice & refrigeration machy., Louisville, Ky. *See adv index at end of book.*
Vogt, Fred G., & Sons, meat packers, 30th & Race, Phila., Pa.
Vogt, Geo. J., cornices, 305 E. 60th, New York.
Vogt, Henry, Machine Co., ice, Louisville, Ky.
Vogt Mfg. & Coach Lace Co., Rochester, N. Y.
Vogt, Oscar G., architect, Corcoran Bldg., Washington, D. C.
Vogt, Peter A., Mfg. Co., refrigerators, filing cabinets, 24 Evans, Buffalo, N. Y.
Vogt, W., & Son, contractors, Massillon, Ohio.
Vogt's, Wm., Sons, brick, Erlin, Ohio.
Voigt, B., flint pebbles & linings, 154 Nassau, New York.
Voigt, C. H. (Est. of), sash, door & blind mfrs., Hicksville, N. Y.
Voigt, F., carriages, La Crosse, Wis.
Voigt, Herman, contractor, 1251 N. 28th, Philadelphia, Pa.
Voigt Milling Co., flour, Grand Rapids, Mich.
Voigt, S. S., architect, Fourth Natl. Bldg., Wichita, Kans.
Voigt, Starr & Co., whol. hdwe., 84 Chambers, New York.
Voigtlander & Sohn, lenses, 240 E. Ontario, Chicago, Ill.
Voightmann & Co., 445 W. Erie, Chicago, Ill.
Voith, J. M., Co., Inc., paper mill machy. & rotary screens, 200 5th av, New York.
Voland & Sons, assay balances, New Rochelle, N. Y.
Volcano Spark Plug Co., Ashland, O.
Volcano Torch & Mfg. Co., blow torches, 237 E. 22d, Erie, Pa.
Volger, B. G., Mfg. Co., inks, stamp pads, Passaic, N. J.
Volk, Albert A., Co., contractors, 16 Beaver, New York.
Volk, Jacob, Housewrecking Co., 103 Park av, New York.
Volk, John, & Co., contrs., plate glass, etc., Rock Island, Ill.
Volk Stamp & Stencil Co., baggage checks, 115 Griswold, Detroit, Mich.
Volkcar Storage Battery Co., 2437 S. Michigan av, Chicago, Ill.
Volker, Wm., & Co., window shade mfrs., N. W. cor. 3d & Main, Kansas City, Mo.
Volkman & Hancock, architects, Eau Claire, Wis.
Volkmar Kilns, potteries, Metuchen, N. J.
Vollbrecht & Olsen, stone, 753 S. Canal, Milwaukee, Wis.
Vollenweider, J., cornices, 1506 Penna. av, Baltimore, Md.
Vollmer & Beersman, architects, 244 5th av, New York.
Vollmer, P. S., masons' & bldrs.' matls., Harrison Bldg., Philadelphia, Pa.
Vollmer, Wm. H., architect, Chamber of Com. Bldg., Detroit, Mich.
Vollrath Co., sinks & trays, Sheboygan, Wis.
Vollweiler, Hy., architect, 696 Bushwick av, Brooklyn, N. Y.
Volney Paper Co., paper & pulp mills, Fulton, N. Y.
Volpp & Fritz, contractors, 445 Sanders, Indianapolis, Ind.
Voltamp Elec. Mfg. Co., dynamo & motor mfrs., 407 N. Paca, Baltimore, Md.
Voltax Co., compounds, Bridgeport, Conn.
Voltermann, F. H., cooperage stock, Brownsville, Tenn.
Voltz Bros., auto. bldrs., 840 S. Halsted, Chicago, Ill.
Voltz Mfg. Co., machsts. & fndrs., St. Joseph, Mo.
Volunteer Firemen Signal Co., fire alarms, Minneapolis, Minn.

Volz, Charles, architect, 2 W. 45th, New York.
Vom Baur, C. H., elec. furnaces, 30 Church, New York.
Vom Cleff & Co., whol. hdwe.—saw sets, 105 Duane, New York.
Vom Hofe, Edw., & Co., fishing tackle mfrs., 112 Fulton, New York.
Vom Hofe, Julius, fishing reels, 351 S. 5th, Brooklyn, New York.
Von Arx, Geo. W., archt., 75 Montgomery, Jersey City, N. J.
Von Behren Mfg. Co., lumber mfrs., Evansville, Ind.
Von Buhren, Geo., plate glass, 9 Baxter; New York.
Voncanon, J. B., & Bro., wooden cross arms, West End, N. C.
Von der Au & Cluss Mfg. Co., arch'l iron, 2404 S. Jefferson av, St. Louis, Mo.
Vonder Horst, Jos., architect, Celina, Ohio.
Vondersmith, Harry M., machsts. & fndrs., Lancaster, Pa.
Von Gerichten Art Glass Co., 557 S. High, Columbus, O., & 52 Morningside av, New York.
Von Hamm-Young Co., Ltd., machy. dlrs., Honolulu, Hawaii.
Von Herbulis, A. O., architect, Falls Church, Va.
Von Hoffman, Ferdinand, landscape architect, 1118 Tinton av, New York.
Von Holst & Fyfe, architects, 72 W. Adams, Chicago, Ill.
Vonnegut & Bohn, architects, Indiana Trust Bldg., Indianapolis, Ind.
Vonnegut Hardware Co., 120 E. Washington, Indianapolis, Ind.
Vonnegut Machy. Co., machine shop equipment, woodworking machinery, etc., Indianapolis, Ind.
Vonore Flouring Mills, Vonore, Tenn.
Von Phul, Gilbert D., sugar machy. constr., Hibernia Bank Bldg., New Orleans, La.
Von Platen & Dick Co., sash, door & blind mfrs., 2248 W. Kinzie, Chicago, Ill.
Von Platen, Geo., lumber, Boyne City, Mich.
Von Platen Lumber Co., Iron Mountain, Mich.
Von Schneider, D. J., archt., Union Tr. Bldg., Detroit, Mich.
Von Stade, F. W., bristles, 73 Beekman, New York.
Von Thaden & Meyer, whol. hdwe., 73 Murray, New York.
Voorhee, F. A., Constr. Co., Alton, Ill.
Voorhees, A. C., contractor, Trenton, N. J.
Voorhees, F. D., architect, Central Bk. Bldg., Oakland, Cal.
Voorhees, J. S., & Co., masons' & bldrs.' matls., Baldwinsville, N. Y
Voorhees Rubber Mfg. Co., 18 Boswick av, Jersey City, N. J.
Voorhees, V. W., architect, Eitel Bldg., Seattle, Wash.
Voorhis, C. A., Constr. Co., Hackensack, N. J.
Voos & Son, contr., Peoria, Ill.
V. & O. Press Co., Dry Harbor, Glendale Station, L. I., N. Y.
Vorce, M. B., & Co., architects, 10231 Ashbury av, Cleveland, O.
Vorhis, F. C., rye & buckwheat flour, Brookton, N. Y.
Vornhold Wall Paper Co., Tioga & Memphis, Philadelphia, Pa.
Vorse, Norman, architect, S. & L. Bldg., Des Moines, Ia.
Vortex Mfg. Co., paper cups, 421 N. Western av, Chicago, Ill.
Vosburgh, E. A., soap, 925 S. 5th av, Chicago, Ill.
Vosburgh Min. Lamp Co., 289 Valley rd, West Orange, N. J.
Vosbury, C. Edward, architect, Savings Bk. Bldg., Binghamton, N. Y.
Vose & Sons Piano Co., 160 Boylston, Boston, Mass.
Vose Spring Co., 150 Bleecker, New York.
Voshall-Percy Constr. Co., C. of C. Bldg., Rochester, N. Y.
Voshell, J. C., buckwheat flour, Camden, Del.
Voska, Foelsch & Sidio, marble interior work, 61 Mills, Astoria, Long Island, N. Y.
Voss-Barbee Mfg. Co., harness, Little Rock, Ark.
Voss Bros. Mfg. Co., agricultural implements, Davenport, Ia.
Voss, E. H., contractor, 339 Huron, Toledo, Ohio.
Voss, Frank, lumber mfr., Newport, Ky.
Voss, Fred'k, iron furring, railings, wire cloth, etc., 1852 Austin av, Chicago, Ill.
Voss, Herman, Co., advtg. spec., 603 E. Water, Milwaukee, Wis.
Voss, John M., contractor, Yonkers, N. Y.
Voss & Lauritzen, architects, 65 De Kalb av, Brooklyn, N. Y.
Vosta Co., folding paper boxes, Albany, N. Y.
Votey Organ Co., 29 W. 42d, New York.
Votteler, Henry J., & Son, organs, 37 Arcade, Cleveland, Ohio.
Vought, Edward B., flour mills, Paxinos, Pa.
Vought, H. H., & Co., contractors, Grand Central Terminal, New York.
Vought & Williams, iron & steel mers., 365 Greenwich, New York.
Vrana, E. H., Co., architects, Brandeis Bldg., Omaha, Neb.
V-Ray Co., plugs—spark, Marshalltown, Ia.
Vredenberg Hachaliah, architect, Champaign, Ill.
Vredenburgh, Peter, Lumber Co., masons' & bldrs.' matls., Springfield, Ill.
Vredenburgh, W. W., kitchen cabinets, 617 Sackett, Brooklyn, N. Y.
Vreeland, B. F., cross arms & insulated pins, Denver, Colo.
Vreeland, Chas., & Co., machsts., Paterson, N. J.
Vreeland, J. J., Jr., architect, Dover, N. J.
Vroman, J. E., Co., contrs., Town of Union, N. J.
Vroom Bros. Co., bldg. contrs., 333 Union, Lynn, Mass.
Vrooman, C. H., architect, Patchogue, N. Y.
Vrooman, S. B., Co. (Ltd.), lumber, 1133 Beach, Phila., Pa.
Vrooman's, J. V., Sons Co., cornices, Schenectady, N. Y.
Vrydagh, J. G., architect, 10 N. 6th, Terre Haute, Ind.
Vrydagh, Robert T., architect, McKeen blk, Terre Haute, Ind.
Vrydaugh & Wolfe, architects, 347 5th av, Pittsburgh, Pa.
Vuille, Chas. A., hydrometers, Huntingdon, Pa.
Vulcan Asbestos Mfg. Co., packing mfrs., Produce Exchange, New York.
Vulcan Brass Mfg. Co., cocks, faucets & valves, 24 Noble Ct, Cleveland, Ohio.
Vulcan Brass Works, Allentown, Pa.
Vulcan Brazing & Machine Co., oxy-acetylene welding, 1630 Vine, Philadelphia, Pa.
Vulcan Brick Works, Vulcan, Mich.
Vulcan Co., iron, 11 Raynor, Detroit, Mich.
Vulcan Copper Works, 120 Sycamore, Cincinnati, Ohio.
Vulcan Crucible Steel Co., Aliquippa, Pa.
Vulcan Detinning Co., Sewaren, N. J.
Vulcan Elec. Heating Co., melting pots, 107 W. 13th, New York.
Vulcan Engine Works, 1827 Bainbridge, Philadelphia, Pa.
Vulcan Engineering Sales Co., 1764 Elston av, Chicago, Ill.
Vulcan Foundry Co., Durango, Colo.
Vulcan Fuel Economy Co., 508 Gaff Bldg., Chicago, Ill.
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Vulcan Hardware Co., sheet metal gauges, Carlstadt, N. J.
Vulcan Hardware Co., Springfield, Ohio.
Vulcan Iron & Tool Works, Los Angeles, Cal.
Vulcan Iron Works, iron founders, engines & mining machy., 1739 Main, Wilkes-Barre, Pa.
Vulcan Iron Works, Fort Morris, Jersey City, N. J.; Jacksonville, Fla.; New Britain, Conn., & Portland, Ore.
Vulcan Iron Works, machy., 1849 Kearny, San Francisco, Cal.
Vulcan Iron Works, machsts. & fndrs., Cairo, Ill., & Memphis, Tenn.
Vulcan Iron Works, pile driver fittings, etc., 327 N. Irving av, Chicago, Ill.
Vulcan Iron Works Co., Denver, Colo., & Mason City, Ia.
Vulcan Louisville Smelting Co., 208 S. La Salle, Chicago, Ill.
Vulcan Mfg. Co., speaking tubes, 3140 S. Canal, Chicago, Ill.
Vulcan Mfg. Co., steel structural work, Fond Du Lac, Wis.
Vulcan Mfg. Co., tire vulcanizers, 89 S. Broadway, Denver, Colo.
Vulcan Mfg. Co., tubular boilers, Seattle, Wash.
Vulcan Plow Co., Evansville, Ind.
Vulcan Process Co., machinery, 25th & University av, S. E., Minneapolis, Minn.
Vulcan Refractories Co., brick, Bolivar, Pa.
Vulcan Rubber Co., Erie, Pa.
Vulcan Sheet Metal Co., Denver, Colo.
Vulcan Soot Cleaner Co., Du Bois, Pa.
Vulcan Steam Forging Co., 251 Rano, Buffalo, N. Y.
Vulcan Supply Co., mill & facty. supplies, 120 Sycamore, Cincinnati, Ohio.
Vulcan Tool Mfg. Co., Quincy, Mass.
Vulcanite Portland Cement Co., Land Title Bldg., Phila., Pa.
Vulcanized Products Co., insulating compounds, Muskegon, Mich.
Vulcanized Rubber Co., hard rubber mfrs., 251 4th av, New York.
Vulvan Last Co., Portsmouth, Ohio.
Vuono Constr. Co., 303 Main, Stamford, Conn.
V. V. Fittings Co., junction boxes, lamp guards, 1906 N. 6th, Philadelphia, Pa.
Waage Elec. Co., sad & soldering irons, cooking apparatus, 12 S. Jefferson, Chicago, Ill.
Waban Webbing Co., 683 Atlantic av, Boston, Mass.
Wabash Cabinet Co., Wabash, Ind.
Wabash Canning Co., Wabash, Ind.
Wabash Construction Co., Wabash, Ind.
Wabash Foundry Co., Wabash, Ind.
Wabash Gear Works, auto. clutches, Terre Haute, Ind.
Wabash Mfg. Co., machsts., coaster wagons, Terre Haute, Ind.
Wabash Portland Cement Co., 1824 Ford Bldg., Detroit, Mich.
Wabash Pottery Co., Roseville, Ohio.
Wabash Screen Door Co., 72 W. Adams, Chicago, Ill.
Wabash Truss Hoop Co., Mount Carmel, Ill.
Wabasha Roller Mill Co., flour, Wabasha, Minn.
Waberaki Bros., bags & suit cases, 6 Barbara, Newark, N. J.
Wabers Mfg. Co., machsts. ,agric'l implmts., Racine, Wis.
Waccamaw Lumber Co., Bolton, N. C.
Wacco Supply Co., steam fitters' supplies, 30 Marginal, East Boston, Mass.
Wach, E. F., architect, 11 S. La Salle, Chicago, Ill.
Wachendorff, E. C., architect, Empire Bldg., Atlanta, Ga.
Wachovia Mills, flour, Winston-Salem, N. C.
Wachs, E. H., Co., machsts., 1525 Dayton, Chicago, Ill.
Wachsmuth Lumber Co., Bayfield, Wis.
Wachtel, J., fertilizer mfrs, Southern av, Indianapolis, Ind.
Wachter, Emil, & Son, Hdwe. Co., 1402 S. B'way, St. Louis, Mo.
Wachter, H. W., architect, Nicholas Bldg., Toledo, Ohio.
Wachter, Henry F., architect, Peru, Ill.
Wachusett Thread Co., Worcester, Mass.
Wacker, Chas., Co., canned goods, Betterton, Md.
Wackerbarth, August, architect, 202 N. Main, Los Angeles, Cal.
Wackerman, Albert, cornices, 859 Church la, Philadelphia, Pa.
Waclark Wire Co., 20 Exch. pl, New York.
Waco Canning Co., Waco, Ky.
Waco Machinery & Supply Co., Waco, Tex.
Waco Mattress Factory, Waco, Tex.
Waco Mill & Elevator Co., flour, Waco, Tex.
Waddell Co., coffee mills, Greenfield, Ohio.

Waddell-Jones Co., Ltd., cross ties, Morgan City, La.
Waddell Mfg. Co., wood carvers, ornaments, mouldings, etc., Grand Rapids, Mich.
Waddell, R. J., & Co., color mfrs., steel wool, pumice stone, etc., 52 Beekman, New York.
Waddey, Everett, Co., pads, 1105 E. Main, Richmond, Va.
Waddington & Holme, canned goods, Naylors, Va.
Waddington, R., & Son, contractors, Hoboken, N. J.
Wade & Bell, lumber, Trenton, Fla.
Wade Bros. Const. Co., contrs., 2600 Clifton, St. Louis, Mo.
Wade Button Co., 55 Sudbury, Boston, Mass.
Wade, C. F., architect, Lima, Ohio.
Wade, C. G., architect, Loan & Tr. Bldg., Milwaukee, Wis.
Wade, G. W., cornices & skylights, North Yakima, Wash.
Wade Iron Sanitary Mfg. Co,, catch basins, traps, valves, etc., 551 Fulton, Chicago, Ill.
Wade, J. T., turpentine, Hershman, Ga.
Wade Mach. Co., 817 Albany, Boston, Mass.
Wade Mfg. Co., auto. binding & gimps, Brockton, Mass.
Wade, R. M., & Co., drag sawing machy., 942 Hawthorne av, Portland, Ore.
Wade, Walter H., bench lathes, designer of precision machy., tools, jigs, dies, etc., 311 Atlantic av, Boston, Mass.
Wadel-Connally Hardware Co., Tyler, Tex.
Wadhams, F. L., & Sons, lumber mfrs., Torrington, Conn.
Wadham's Oil Co., Nat'l Bank Bldg., Milwaukee, Wis.
Wadley & Smythe, landscape architects, 491 5th av, New York.
Wadman, C. G., auto tops, Bakersfield, Cal.
Wadsworth, Adelson, Branning Co., gas logs, 6024 Euclid av, Cleveland, Ohio.
Wadsworth Brick & Tile Co., Wadsworth, Ohio.
Wadsworth. C. J., oil cabinets, Cleveland, Ohio.
Wadsworth Clothing Cabinet Co., Painesville, Ohio.
Wadsworth Core Machine & Equipment Co., Akron, Ohio.
Wadsworth, David, & Son, scythes, etc., Auburn, N. Y.
Wadsworth Engraving Co., name plates, stencils, etc., Springfield, Ohio.
Wadsworth-Howland Co., enamels, paints, wood stains, etc., 225 N. Carpenter, Chicago, Ill.
Wadsworth, Howland & Co., paint & varnish makers, 141 Federal, Boston, Mass.
Wadsworth Mfg. Co., auto. metal bodies, Kercheval & Conners Creek, Detroit, Mich.
Wadsworth Novelty Mfg. Co., push buttons, Wadsworth, Ohio.
Wadsworth, S. L., & Son, wholesale hardware, Eastport, Me.
Wadsworth Salt Co., Wadsworth, Ohio.
Wadsworth Stone & Paving Co., Lambert & P. R. R., Pittsburgh, Pa.
Wadsworth Watch Case Co., mfrs., Dayton, Ky.
Wadsworth & Woodman Co., oil cloth mfrs., Winthrop, Me.
Waelde, Herman, disinfectants, 732 Frankfort av, N. W., Cleveland, Ohio.
Waferling, Jno. A., architect, 810 Broad, Newark, N. J.
Wagar, David P., stone producers, Middletown, N. Y.
Wageley, Geo. L., architect, 5971 Easton av, St. Louis, Mo.
Wagemaker Co., filing cabinets, Grand Rapids, Mich.
Wagenbach, Jos., & Son, bldg. contrs., Lawrence, Mass.
Wagenen, L. B., dock builders, Urbanna, Va.
Wagener, Fritz, architect, 4th Nat. Bk. Bldg., Atlanta, Ga.
Wagener, H. J., architect, Canton, Ohio.
Wagener, Jno. O., & Co., minerals, clays, etc., Easton, Pa.
Wagener Steam Pump Co., Canton, Ohio.
Wagenfohr, Chas., Sr., die sinker, 140 W. B'way, New York.
Wagenheim, J. M., & Son, contrs., Newark, Ohio.
Wagenhorst, J. H., & Co., blue printing machines, Youngstown, Ohio.
Wagenlander, Jos., cornices, Newport, Ky.
Wager, B. F., contractor, Norristown, Pa.
Wager, Robert H., furnace bridge walls, Singer Bldg., New York.
Wager, S. A., architect, Com. Bldg., St. Paul, Minn.
Waggaman, Clarke & Eugene, architects, 1211 Connecticut av, N. W., Washington, D. C.
Waggner, Lewis, Co., lumber mfrs., Wolfe & Thames, Baltimore, Md.
Waggoner, A. M., architect, Decatur, Ill.
Waggoner-Gates Milling Co., flour, Independence, Mo.
Waggoner Sanitary Fire Bucket Co., 400 Monticello av, Chicago, Ill.
Wagner, A. F., Arch'l Iron Works, 763 N. Walter, Milwaukee, Wis.
Wagner & Bauman, contrs., Monroe, Wis.
Wagner Bros., cornices, 1010 Diversey Parkway, Chicago, Ill.
Wagner Bros., mchsts. & fndrs., Burlington, Wis., & Dover, O.
Wagner Bros., masons' & bldrs.' matls., Mount Gilead, Ohio.
Wagner Bros. & Co., architects' instruments & supplies, 71 W. 23d, New York.
Wagner, C. B., Hardware Co., Burlington, Wis.
Wagner, C. De Witt, clips, shears, Cedar Rapids, Ia.
Wagner, C. P., & Co., lubrg. oils, 308 Sycamore, Cincinnati, O.
Wagner, Carl H., barometers, thermometers, etc., 1944 N. Albany, av, Chicago, Ill.
Wagner, Chas., machsts., 587 Hudson, New York.
Wagner, Chas. A., clays, minerals, 222 N. Water, Phila., Pa.
Wagner, Chas. C., architect, 26 Court, Brooklyn, N. Y.
Wagner, Chas. D., contractor, Story Bldg., Los Angeles, Cal.
Wagner Comb Mfg. Co., Myrtle av, Brooklyn, N. Y.
Wagner Curtain Stretcher Co., Greensburg, Pa.
Wagner, E. R., Mfg. Co., sheet metal stampings, No. Milwaukee, Wis.
Wagner Elec. Mfg. Co., transformer cut-outs, 6400 Plymouth, St. Louis, Mo.
Wagner Fire Brick Co., Scranton, Pa.
Wagner, Frank L., contractor, 1413 H, N. W., Washington, D. C.
Wagner, Fred L., architect, 23 Evergreen pl, East Orange, N. J.
Wagner, G. N., Lbr. & Shingle Co., Grand Rapids, Mich.
Wagner, Geo., contractor, Hearst Bldg., San Francisco, Cal.
Wagner Glass Works, 697 E. 132d, New York.
Wagner Hardware Co., gen. & heavy & automobile supplies, Mansfield, Ohio.
Wagner, Hy, stone products, Dubuque, Ia.
Wagner, Henry A., architect, 407 N. 8th, St. Louis, Mo.
Wagner-Hoyt Elec. Co., igniters, 1902 Broadway, New York.
Wagner, J. B., lumber, Marion, Mich.
Wagner, J. F., Sons, windows, Louisville, Ky.
Wagner, J. G., brick & tile, Covington, Ohio.
Wagner, Jacob, common brick, Princeton, Ill.
Wagner, Jos., Mfg. Co., mill & factory supplies, 165 Beale, San Francisco, Cal.
Wagner Lumber Co., Dover, Ohio.
Wagner, M., Co., canned goods, Pratt st. Wharf, Baltimore, Md.
Wagner Mfg. Co., aluminum & enameled hollow ware, Sidney, O.
Wagner Mfg. Co., hardware mfrs., Cedar Falls, Ia.
Wagner Mercantile & Mfg. Co., lumber, Suring, Wis.
Wagner, Peter, & Son, contractors, 384 Herman, Buffalo, N. Y.
Wagner, Philip, contractor, Camden, N. J.
Wagner Quarries Co., masons' & bldrs.' matls., Sandusky, Ohio.
Wagner Specialty Co., calf weavers, Burlington, Wis.
Wagner Spring Bed Mfg. Co., Holyoke, Mass.
Wagner, Stewart, architect, 7 E. 42d, New York.
Wagner, T. S., contractor, Des Moines, Ia.
Wagner, Thos. A., lime mfrs., Myerstown, Pa.
Wagner, W. S., & Son, contrs., Butler, Pa.
Wagner Walter Still Co., 327 S. La Salle, Chicago, Ill.
Wagner, Wm F., architect, 1330 13th, N. W., Washington, D. C.
Wagner & Wilson, lbr., Monroe, Wash.
Wagner's, J. F., Sons Co., cornices, Louisville, Ky.
Wagoner, J., canned goods, 516 N. 2d, St. Louis, Mo.
Wagoner, Jacob H., contractor, San Antonio, Tex.
Wagoner Roller Mill Co., flour, Wagoner, Okla.
Wagstaff, W. J., lumber, Oshkosh, Wis.
Wah Chang Mining & Smelting Co., antimony imp., 233 Broadway, New York.
Wahl Adding Mach. Co., 232 E. Ohio, Chicago, Ill.
Wahl, Ed. M., contractor, St. Cloud, Minn.
Wahl, Emil, Mfg. Co., bone buttons, Pulaski av & Ruffner, Philadelphia, Pa.
Wahl Mfg. Co., transformers & vibrators, Sterling, Ill.
Wahle Foundry & Machine Works, Davenport, Ia.
Wahle-Phillips Co., elec. & gas light fixtures, 101 Park av, N. Y.
Wahlfeld Mfg. Co., plate glass, Peoria, Ill.
Wahlman, J. S., contractor, Ishpeming, Mich.
Wahlstrom Tool Co., drill chucks & oil lubricators, 5520 2d av, Brooklyn, N. Y.
Wahrenberger, J., architect, Alamo Bank Bldg., San Antonio, Tex.
Waid, D. Everett, architect, 1 Madison av, New York.
Wainwright, Geo. W., fndr., Wilson, N. C.
Wainwright, Jno. C. A., foundry facings, Spring City, Pa.
Wainwright, R., tex. machy. (roll coverers), Westpoint, Ga.
Wainwright, W. W., & Son, machsts., piston rings, etc., Connersville, Ind.
Wait, Chas. D., masons' & bldrs.' matls., Montgomery, N. Y.
Wait, Ch. S., lumber, Londonderry, Vt.
Wait & Copeland, architects, 46 Cornhill, Boston, Mass.
Wait, F. W., Lime Co., Glens Falls, N. Y.
Waite & Barlett Mfg. Co., X-ray app., etc., 252 W. 29th, New York.
Waite Chair Co., Baldwinsville, Mass.
Waite, Frank E., architect, Brewster, N. Y.
Waite Grass Carpet Co., Oshkosh, Wis.
Waite, H. B., Lbr. Co., 154 Security Bldg., Minneapolis, Minn.
Waite, Ranlet & Co., whol. hdwe., 80 Broad, Boston, Mass.
Waite Supply Co., steamfitters' supplies, 1635 5th, Pittsb'h, Pa.
Waite-Thresher Co., sewing thimbles, Abbott Park pl, Providence, R. I.
Waite Tractor Co., traction engines, Elgin, Ill.
Waitt Constr. Co., 2 W. 45th, New York.
Wake Forest Foundry Co., Wake Forest, N. C.
Wake Machine Works, Cardenas, N. C.
Wakefield, Clarence E., engrs.' & machsts.' wrenches, Worcester, Mass.
Wakefield, E. C., machst. & fndr., Cherryfield, Me.
Wakefield, F. W., Brass Co., machsts. & fndrs., Vermilion, Ohio.
Wakefield, Jas. W., machst. & fndr., Theresa, N. Y.
Wakefield Lumber Co., Wakefield, R. I.
Wakefield Mer. Co., fertz. mfrs.. Antreville, S. C.
Wakely, Archibald S., & Son, carriages, Milford, Mich.
Wakeman, Frank M., lumber mfrs., South Stockton, N. Y.
Wakeman, R. H., flour mills, Brockroad, Va.
Wakeman, R., & Son, cotton felt mattresses, Saugatuck, Conn.
Walb, C. A., contractor, La Grange, Ind.
Walborn & Barney, contractors, Wilkes-Barre, Pa.

Walbridge & Co., mill & facty. supplies, whol. hdwe., 392 Main, Buffalo, N. Y.
Walbridge & Taylor, mill & facty. supplies, Peterboro, N. H.
Walbroehl & Co., light fixture mfrs., 3204 Jamaica av, Brooklyn, N. Y.
Walck, Henry S., agricultural implements, Greencastle, Pa.
Walco Mfg. Corp., grooving machines, Providence, R. I.
Walcott, Frank B., masons' & bldrs.' matls., Houston, Tex.
Walcott, H. C., cornices & skylights, Atchison, Kans.
Walcott Lathe Co., Jackson, Mich.
Walcutt Bros., Co., wall pockets, 141-155 E. 25th, New York.
Waldbillig, John B., contractor, 425 1st, Albany, N. Y.
Waldeck, Anthony, machst. & fndr., 7607 B'way, Cleveland, O.
Waldeck, E., & Co., onyx souvenir placques, Jersey City, N. J.
Waldeck Pckg. Co., meat packers, Montrose & La Salle, St. Louis, Mo.
Walden Knife Co., Walden, N. Y.
Walden-Worcester, Inc., wrenches, Worcester, Mass.
Waldenberger Harness & Trunk Co., Little Rock, Ark.
Walder, Jacob, mill & facty. supplies, Paterson, N. J.
Waldes & Co., buttons, fasteners, 137 5th av, New York.
Waldhauer, Stevens Co., cornices & skylights, 1721 Nostrand av, Brooklyn, N. Y.
Waldman, John J., wire measuring machs., switches, etc., 136 Liberty, New York.
Waldman, L. C., architect, Riverside, Cal.
Waldner, Adam, lbr., sashes, doors & blinds, Ashland, Pa.
Waldo Bros., masons' & bldrs.' matls., 45 Batterymarch, Boston, Mass.
Waldo Canning Co., Waldo, Wis.
Waldo Co., silk shades & holders, etc., 45 E. 20th, New York.
Waldo, E. M. & F., color mfrs. (selling agts), 11 Broadway, New Yorok.
Waldorf Box Board Co., Myrtle & Wabash avs, St. Paul, Minn.
Waldron, Chas., machst. & fndr., Haverstraw, N. Y.
Waldron, E. M., & Co., contractors, 84 S. 6th, Newark, N. J.
Waldron, Edw. M., contractor, 671 Broad, Newark, N. J.
Waldron, F. A., modernizing engrs., 37 Wall, New York.
Waldron, H. E., architect, Rapid City, S. D.
Waldron, Jno., Co., machsts. & fndrs., oil cloth machy., New Brunswick, N. J.
Waldstein Lbr. Co., 7th & Victor, St. Louis, Mo.
Waleker, W. A., & Co., masons' & bldrs.' matls., Milledgeville, Ga.
Wales Adder Mach. Co., Wilkes-Barre, Pa.
Wales, Chas. A., contractor, Yonkers, N. Y.
Wales, Geo. C., architect, 71 Kilby, Boston, Mass.
Wales, George E., canned goods, Newton Center, Mass.
Wales, H. A., Co., whol. dlrs. flags, pennants, etc., Bridgeport, Conn.
Wales Hardware Co., Ltd., Corry, Pa.
Walger Awning Co., tent contrs., 215 W. Ohio, Chicago, Ill.
Walke, Henry, Co., mill & facty. supplies, Norfolk, Va.
Walker, A. L., stone producers, 31 Beacon, Boston, Mass.
Walker, A. R., architect, Hibernian Bldg., Los Angeles, Cal.
Walker, A., & Son, contractors, Oakland, Cal.
Walker, A. Stewart, architect, 128 E. 37th, New York.
Walker, Alfred J., & Co., wood & metal auto. bodies, 223 W. 66th, New York.
Walker, Ambrose, architect, 9 Cornhill, Boston, Mass.
Walker Bin Co., store fixtures, Penn Yan, N. Y.
Walker Bros., canned goods, Aberdeen, Md.
Walker Bros. Co., dies, tools, etc., 225 Walton, Syracuse, N. Y.
Walker Bros. Co., fertilizer, Griffin, Ga.
Walker Bros. & Haviland, self-winding clocks, 1532 Sansom, Philadelphia, Pa.
Walker & Burden, architects, Charleston, S. C.
Walker, C. E., & Co., masons' & bldrs.' matls., Portsmouth, N. H.
Walker, C. Howard, architect, 71 Kilby, Boston, Mass.
Walker, C. L., & Co., hdwe. mfrs., 656 W. 12th, Erie, Pa.
Walker, C. W., Sons & Co., mill & facty. supplies, 274 Market, Newark, N. J.
Walker & Chambers, htg. contrs., 222 E. 41st, New York.
Walker, Chas. T., & Co., children's carriages, 716 W. North av, Chicago, Ill.
Walker, Chas. W., Sons & Co., mill & facty. supplies, 288 Market, Newark, N. J.
Walker & Chase, architects, Candler Bldg., Atlanta, Ga.
Walker County Lbr. Co., Elmina, Tex.
Walker & Curley Co., contractors, Bessemer Bldg., Pittsb'h, Pa.
Walker Cut Stone Co., producers, whol., & dlrs., Tacoma, Wash.
Walker, D. C., architect & contractor, Tampa, Fla.
Walker, E. H., architect, Somerset, Pa.
Walker Elec. Co., switches, 2337 Callowhill, Philadelphia, Pa.
Walker & Elliott, machsts., 2d & Lombard, Wilmington, Del.
Walker, Elmer, architect, India Trust Bldg., Providence, R. I.
Walker, Forest E., architect, 228 Main, Toledo, Ohio.
Walker Fdry. Co., Erie, Pa.
Walker, Frank A., architect, Montpelier, Barre, Vt.
Walker & Frank Brick Co., Dix & Lonyo rd, Detroit, Mich.
Walker, Frank Chase, architect, 20 W. Jackson blvd., Chicago, Ill.
Walker, Fred C., architect, 4712 Beacon, Chicago, Ill.
Walker Furnace Builders, 155 Milk, Boston, Mass.
Walker, G. C., lumber, Warthen, Ga.
Walker, Geo. L., Co., contrs., 140th & Convent av, New York.
Walker, Geo. R., & Co., architects, Conover Bldg., Dayton, Ohio.
Walker & Gillette, architects, 128 E. 37th, New York.
Walker, H. C., flour mills, Bradfordsville, Ky.
Walker, H. E., architect, Lumber Exchange, Minneapolis, Minn.
Walker, H. E., rice, Honolulu, Hawaii.
Walker, H. E., & Bro., lumber, Barree, Pa.
Walker, H. L., Co., electric & gas light fixtures, 185 Jefferson av, Detroit, Mich.
Walker, H. T., & Son, advtg. spec., Richmond, Va.
Walker, Harry L., architect, 103 Park av, New York.
Walker, Hay Brick Co., Farmers Bank Bldg., Pittsburgh, Pa.
Walker, Hy. L., Co., copper tanks, 197 Iroquois av, Detroit, Mich.
Walker, Hobart A., architect, 437 5th av, New York.
Walker, I. J., flour mills, Williston, Tenn.
Walker, Isaac, Hardware Co., Peoria, Ill.
Walker, J. C., & Sons Co., fertilizer mfrs., Gap, Pa.
Walker, J. E., granite, St. Johnsbury, Vt.
Walker, J. R., architect, Payette, Idaho.
Walker, J. S., & Co., bags & bagging, Louisville, Ky.
Walker, Jas., architect, Builders' Exchange, Buffalo, N. Y.
Walker, Jas., & Co. (Ltd.), packing mfrs., 27 Thames, New York.
Walker, Jas. D., contractor, Erie, Pa.
Walker, Jas. J., heating contr., 5422 Vine, Philadelphia, Pa.
Walker, Jas., & Son, coppersmiths, 76 Jefferson av, Detroit, Mich.
Walker, Jno., flour mills, Dandridge, Tenn.
Walker, John L., Co., steam fitters' supplies, Hamilton, Ohio.
Walker, Jos., granite, Quincy, Mass.
Walker, Jos., Constr. Co., 90 State, Albany, N. Y.
Walker, L. B., architect, Poplar Bluff, Mo.
Walker, L. P., lumber, Hartford, Mich.
Walker Lithograph & Publishing Co., maps, 400 Newbury, Boston, Mass.
Walker, Livingston & Brackett, architects, E. & B. Bldg., Rochester, N. Y.
Walker, Lyman, architect, Ford Bldg., Detroit, Mich.
Walker, M. A., & Co., mill & facty. supplies, Covington, Tenn.
Walker Mfg. Co., agri'l implts., steel corn cribs, etc., Council Bluffs, Ia.
Walker Mfg. Co., iron castings, Denver, Colo.
Walker Mfg. Co., machsts. & fndrs., Fenton, Mich.
Walker Mfg. Co., textile machy., supplies, etc., Kensington & Ontario, Phila., Pa.
Walker Mfg. & Supply Co., plumbers' supplies, jobbers, Shelby & Woodbridge, Detroit, Mich.
Walker, Marion M., & Son, contractors, Alexandria, Ind.
Walker & Myers, lumber mfrs., Plymouth, N. C.
Walker, N. Gaillard, architect, Rock Hill, S. C.
Walker, O. S., Co., magnetic chucks, grinding machinery, planer parallels mfrs., Worcester, Mass.
Walker, P. J., & Co., contractors, Monadnock Bldg., San Francisco, Cal.
Walker, P. M., & Co., flour mills, Loogotee, Ind.
Walker & Pratt Mfg. Co., machsts. & fndrs., 31 Union, Boston, Mass.
Walker, R. M., contractor, Atlanta, Ga.
Walker, R. W., patterns & models, Lawrence, Mass.
Walker, Robt. J., sash, door & blind, Osceola Mills, Pa.
Walker, Russell Tracy, architect, 47 W. 34th, New York.
Walker Sand Co., West Springfield, Pa.
Walker Sheet Metal Co., Council Bluffs, Ia.
Walker & Sons, masons' & bldrs.' matls., Groesbeck, Tex.
Walker Stratman & Co., fertilizer mfrs., Herrs Island, Pittsburgh, Pa.
Walker, T. M, Co., sash, door & blind mfrs., Springfield, Mass.
Walker, Thomas, contractor, Mobile, Ala.
Walker, Thos., Jr., machsts., 4617 Tacony, Fkd., Phila., Pa.
Walker, Thos., & Sons, packing mfrs., 4617 Tacony, Phila., Pa.
Walker & Vawter, architects, Hibernian Bldg., Los Angeles, Cal.
Walker Vehicle Co., storage battery trucks, W. 39th & Wallace, Chicago, Ill.
Walker Veneer Works, Alpena, Mich.
Walker, W. D., contractor, Abington Bldg., Portland, Ore.
Walker, W. & H., soap, Herrs Island, Pittsburgh, Pa.
Walker, W. J., Steel Co., 1722 Columbus rd, Cleveland, Ohio.
Walker, W. Leslie, architect, 103 Park av, New York.
Walker, W. T., machy. dlrs., Rockville, Mo.
Walker, W. T., Brick Co., Arlington, Va., & Corcoran Bldg., Washington, D. C.
Walker, W. W., Milling Co., rye flour, Alden, Minn.
Walker, Walter, & Co., masons' & bldrs.' matls., Imlay City, Mich.
Walker & Ward, 52 Vanderbilt av, New York.
Walker & Weeks, architects, 1900 Euclid av, Cleveland, Ohio.
Walker-Weiss Axle Co., machsts. & fndrs., Flint, Mich.
Walker Wells Co., auto. bodies, Amesbury, Mass.
Walker & Werner, auto. wood bodies, Peoria, Ill.
Walker, Wm. E., architect, 30 N. Michigan av, Chicago, Ill.
Walker, Wm. R., & Son, architects, 17 Custom House, Providence, R. I.
Walkers Mill Stone & Brick Co., Keenan Bldg., Pittsburgh, Pa.
Walkerton Milling Co., flour, Walkerton, Va.
Walkerville Dressed Meat Co., Walkerville, Mont.
Walkup, A. M., Co., contractors & bldrs., American Nat. Bk. Bldg., Richmond, Va.

Wall, D. H., flour, Ridgeland, S. C.
Wall, Daniel, cotton damasks, Unity & Leiper, Phila., Pa.
Wall, G. W. & C. M., flour, Wallburg, N. C.
Wall-Huske Co., whol. hdwe., Winston-Salem, N. C.
Wall, J. F., & Son, wrapping paper, Walpole, Mass.
Wall, Jos. W., machst. & fndr., Greenville, Miss.
Wall, P., Mfg. Supply Co., conduit hangers, oilers, tanks, etc., 705 Preble av, Pittsburgh, Pa.
Wall Pocket Imptg. Co., 304-310 E. 23d, New York.
Wall, R. C., Mfg. Co., auto. wood bodies, 228 N. 15th, Philadelphia, Pa.
Wall, Rice, Packing Co. (Ltd.), New Orleans, La.
Wall-Rogalsky Milling Co., flour, McPherson, Kans.
Wall Rope Works, 48 South, New York.
Wall-Spalding Lumber Co., Oshkosh, Wis.
Walla Walla Brick & Tile Co., common, Walla Walla, Wash.
Walla Walla Construction Co., Walla Walla, Wash.
Walla Walla Iron Works, machsts. & fndrs., Walla Walla, Wash.
Walla Walla Lumber Co., sash, door & blind, Walla Walla, Wash.
Walla Walla Meat & Cold Storage Co., packers, Walla Walla, Wash.
Wallace, A. D., carriages, Alliance, Ohio.
Wallace Addressing Machine Co., 116 W. 14th, New York.
Wallace-Ballord Lumber Co., 1613 Lumber Exchange, Minneapolis, Minn.
Wallace Bros., gas engines, Norfolk, Va.
Wallace Bros., sashes, doors & blinds, New Castle, Pa.
Wallace Bldg. Co., Laconia, N. H.
Wallace, C. D., & Co., closet tanks, 1502 Arrott Bldg., Pittsburgh, Pa.
Wallace, Charles L., architect, 227 Jefferson, Joliet, Ill.
Wallace Co., grindstones, Port Austin, Mich.
Wallace, Elizabeth B., architect, 227 Jefferson, Joliet, Ill.
Wallace, F. H., architect, 520 26th, San Diego, Cal.
Wallace, F. J., Co., hardware mfrs., Meriden, Conn.
Wallace, Frank, contrs., 1235 Liverpool, Pittsburgh, Pa.
Wallace, Frank E., contr., 1220 Chancellor, Philadelphia, Pa.
Wallace & Gale, mill & facty. supplies, 115 S. Gay, Baltimore, Md.
Wallace, Geo. J., Jr., htg. contr., 206 E. 57th, New York.
Wallace, Hugh, Co., carriage robes, Blvd. & Orleans, Detroit, Mich.
Wallace, J. D., wood planing machines, 525 W. Van Buren, Chicago, Ill.
Wallace, J. E., contractor, La Crosse, Wis.
Wallace, J., Packing Co., Cambridge, Md.
Wallace, John, Sons Co., masons' & bldrs.' matls., St. Joseph, Mich.
Wallace, Jos. H., & Co., paper & pulp mill architects, 5 Beekman, New York.
Wallace Lumber & Mfg. Co., Startup, Wash.
Wallace, M. B., masons' & bldrs.' matls., Dearborn, Mich.
Wallace Machine & Foundry Co., Lafayette, Ind.
Wallace Mfg. Co., machsts. & fndrs., Frankfort & Kendalville, Ind.
Wallace, N., machst. & fndr., Farmington, Conn.
Wallace & Osterman, contractors, Wilmington, N. C.
Wallace, R. A., contractor, Cedar Rapids, Ia.
Wallace, R. Bruce, & Co., contrs., 45 N. 13th, Philadelphia, Pa.
Wallace, R., & Sons Mfg. Co., silver novelties, cork screws, Wallingford, Conn.
Wallace, Robert A., architect, Builders' Exch., Buffalo, N. Y.
Wallace, Rodney, Co., cotton waste, Fitchburg, Mass.
Wallace & Smith Co., harness, saddles, etc., 86 W. Water, Milwaukee, Wis.
Wallace, Sterling, printing inks, 65 Frankfort, New York.
Wallace Stone Co., Bay Port, Mich.
Wallace Supplies Mfg. Co., forming & bending machines & screw mach. prod., 412 Orleans, Chicago, Ill.
Wallace-Tiernan Co., Inc., chlorinators, 137 Centre, New York.
Wallace Tractor Co., machsts., Cleveland, Ohio.
Wallace, W. C., machst. & fndr., Columbia, Miss.
Wallace, W. H., flour, Mexia, Tex.
Wallace, W. W., & Co., sash, door & blind, Apollo, Pa.
Wallace Wall Paper Co., Cortland, N. Y.
Wallace & Warner, architect, Real Estate Trust Bldg., Philadelphia, Pa.
Wallace, Wm., & Sons, machsts. tools, 513 Wells, Chicago, Ill.
Wallach, J. B., architect, 280 Madison av, New York.
Wallarger Mfg. Co., office & store fixtures, 28 Juneau av, Milwaukee, Wis.
Wallaster, J. G., advtg. nov., 620 Poydras, New Orleans, La.
Waller Bros. Stone Co., McDermott, Ohio.
Waller, Geo. D., architect, Arcade, Nashville, Tenn.
Waller, John T., architect, Hopkinsville, Ky.
Waller, M. L., architect, Wheat Bldg., Fort Worth, Tex.
Waller Mfg. Co., hogsheads, Lexington, Ky.
Wallhead, Wm. A., brick, Elyria, Ohio.
Wallick, Frederick, architect, Lemcke Annex, Indianapolis, Ind.
Wallick & Terwilliger, architects, 103 Park av, New York.
Wallin, Henrik, architect, 23 Abercorn, Savannah, Ga.
Wallinder, E. G., packing box, sash door & blind mfrs., Duluth, Minn.
Walling, H. E., ties, poles, etc., Union Trust Bldg., Providence, R. I.
Walling, Luther, machs., Belford, N. J.
Walling, S. E., machst. & fndr., Bellingham, Wash.
Wallingford Co., silver nov., Wallingford, Conn.
Wallingford Lumber Co., Wallingford, Conn.
Wallingford Mfg. Co., machsts. & fndrs., Wallingford, Vt.
Wallingford, V. O., architect, Phœnix, Ariz.
Walling's, Jesse, Mills, flour mills, McMinnville, Tenn.
Wallis, A. H., glass mosaic wk., 3308 Easton, St. Louis, Mo.
Wallis & Carley Co., masons' & bldrs.' matls., Sharon, Pa.
Wallis Couch & Carriage Wks., 12 E. Grant, Minneapolis, Minn.
Wallis & Goodwillie, architects, 56 W. 45th, New York.
Wallis & Sons, scrap iron & steel, Tacoma, Wash.
Wallis Tractor Co., machsts., Racine, Wis.
Walliser, August, silk tassels & fringes, 531 Hermitage, Philadelphia, Pa.
Wallmann Mfg. Co., tin cans, 283 5th av, Milwaukee, Wis.
Walloomsac Paper Co., Walloomsac, N. Y.
Walloon Lake Lumber & Shingle Co., Walloon Lake, Mich.
Walls, Owen & Stambach Co., plumbers' supplies, jobbers, 11th & Hamilton, Philadelphia, Pa.
Walls, T. P., Tool & Supply Co., hardware, 75 Walker, New York.
Wallwork, C. H., architect, Oregon Bldg., Portland, Ore.
Wallwork, H., Foundry Co., brass castings, Birmingham, Ala.
Walnut Creek Milling Co., flour, Great Bend, Kans.
Walnut Lbr. Co., 1635 W. Michigan, Indianapolis, Ind.
Walohn Mfg. Co., whalebone, 31 Union sq, W., New York.
Walp, C. H., & Bro., masons' & bldrs.' matls., Quakertown, Pa.
Walpert, Fred, & Co., steam curled hair, 106 N. Gay, Baltimore, Ohio.
Walrath, Alphonso, Co., machsts., Fort Plain, N. Y.
Walrath Glove Co., Gloversville, N. Y.
Walrath-Sherwood Lbr. Co., Omaha, Neb.
Wal-Rike Pony Vehicle Co., St. Paris, Ohio.
Walrus Mfg. Co., bank, office & store fix., Decatur, Ill.
Walsh & Allen, machinists, 15 Wilbur av, Long Island City, N.Y.
Walsh Bros., contractors, Boston, Mass.
Walsh Bros. & Schurr, contractors, Sandusky, Ohio.
Walsh & Cleary, machsts. & fndrs., Galveston, Tex.
Walsh Construction Co., Davenport, Ia.
Walsh, David, cut glassware, Somerville, Mass.
Walsh, Dennis R., architect, Littlefield Bldg., Austin, Tex.
Walsh, Edw. L., contractor, 22 Clay, Baltimore, Md.
Walsh, Edw. W., stone, Terre Haute, Ind.
Walsh Fire Clay Products Co., brick mfrs., 4070 N. Main, St. Louis, Mo.
Walsh & Gardner Co., mill & facty. & plumbers' supplies, jobbers, Tacoma, Wash.
Walsh, Geo. J., dock bldrs., 446 47th, Brooklyn, N. Y.
Walsh, Harold V., architect, B'way, cor. Shady la, Yonkers, N. Y.
Walsh & Hartwig, plumbers' supplies, jobbers, 217 E. 58th, New York.
Walsh, Henry A., architect, Lennox Bldg., Cleveland, Ohio.
Walsh, J. F., sheet metal brushes & compounds, Pittsfield, Mass.
Walsh, J. R., architect, Herkimer Bldg., Jacksonville, Fla
Walsh, Jas., & Co., distillers, Union Tr. Bldg., Cincinnati, Ohio.
Walsh, Jas. D., Sons, cornices, Albany, N. Y.
Walsh, Jas. J., architect, Chamber of Com. Bldg., Detroit, Mich., & McAlester, Okla.
Walsh, John D., Inc., dock bldrs., 397 Hancock, Brooklyn, N. Y.
Walsh, Louis A., architect, 51 Leavenworth, Waterbury, Conn.
Walsh Lumber Co., Cuyahoga Falls.
Walsh, M. J., Machy. Co., 141 Sycamore, Milwaukee, Wis.
Walsh, M. S., mattresses, Williamsport, Pa.
Walsh Mfg. Co., cooperage stock, 72 S. 9th, Pittsburgh, Pa.
Walsh & Masterson, contractors, 35 S. Dearborn, Chicago, Ill.
Walsh, Maurice J., & Sons, contractors, Holyoke, Mass.
Walsh, Owen, Mfg. Co., elec. & gas light fixtures, mail boxes, etc., 525 W. 26th, New York.
Walsh Packing Co., metallic packing, 304 New, Phila, Pa.
Walsh Paper Co., Cuyahoga Falls, Ohio.
Walsh Press & Die Co., 4709 W. Kinzie, Chicago, Ill.
Walsh & Reichling, masons' & bldrs.' matls., Piermont, N. Y.
Walsh, Richard, self-closing cocks, 61 Wayne, Detroit, Mich.
Walsh, Richard, & Sons, contractors, Orthodox & Frankford Creek, Philadelphia, Pa.
Walsh Safety Lock Snap Co., Bellevue, Ohio.
Walsh, Standley, & Co., contractors, Chamber of Commerce, Detroit, Mich.
Walsh Stevedoring & Contrg. Co., Mobile, Ala.
Walsh, T. P., cornices & skylights, San Antonio, Tex.
Walsh Tie & Lbr. Co., 706 Chestnut, St. Louis, Mo.
Walsh Timothy, archit., 135 St. Paul, Brookline, Mass.
Walsh, W. J., & Co., steam fitters' supplies, 163 W. Illinois, Chicago, Ill.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Walsh's Boiler & Iron Works, Springfield, Mass.
Walsh's Holyoke Steam Boiler Works, Holyoke, Mass.
WALSH'S SONS & CO., scrap iron & steel, machinery, belting & hose, 295-305 Passaic, Newark, N. J.
Walstad Machine & Elec. Co., Tacoma, Wash.
Walte, Guy B., contractor, 413 E. 31st, New York.
Walter, Anton, Supply Co., masons' & bldrs.' matls., Dayton, Ky.
Walter Bros, buggy & carriage aprons, Dallas City, Ill.
Walter Bros., machsts., Veedersburg, Ind.
Walter, Edward J., Co., chemical brokers, Baltimore, Md.

Walter, G., carriages, Murfreesboro, Tenn.
Walter, G. E., arch'l modelers, 157 E. 44th, New York.
Walter, Geo. J., masons' & bldrs.' matls.—common brick, Chatsworth, Ill.
Walter, H. R., Lumber Co., Fayette & Manhattan, Pittsburgh, Pa.
Walter, John, & Sons, cornices & skylights, Ottawa, Ill.
Walter, John W., contractor, Canton, Ohio.
Walter Machine Co., 186 Bellevue av, Detroit, Mich.
Walter Mfg. Co., brassed steel ware, Fulton Bldg., Pittsburgh, Pa.
Walter Motor Truck Co., 49 W. 66th, New York.
Walter, N. C., & Sons, die sinkers, 3 Park Row, New York.
Walter, W. A., architect, Penn blvd, W. Lawn, Reading, Pa.
Walter, W. Mead, architect, 127 N. Dearborn, Chicago, Ill.
Walter, Wallingford & Co., pig iron & coke, Trac. Bldg., Cleveland, O.
Walterboro Cotton Oil Co., Walterboro, S. C.
Walters, Alfred, architect, 45 Clinton, Newark, N. J.
Walters, G., carriages, Sandwich, Ill.
Walters, Geo. C., machsts., 1316 Ellsworth, Philadelphia, Pa.
Walters & Grutch, cornices, Denver, Colo.
Walters, H. D., freight elevators, 210 2d av, Pittsburgh, Pa.
Walters, John W., masons' & bldrs.' matls., Johnstown, Pa.
Walters Mfg. Co., dipping paints, Fulton Bldg., Pittsburgh, Pa.
Walters, T. E., Plumbing & Htg. Co., Aurora, Ill.
Waltham Coal Co., masons' & bldrs.' matls., Waltham, Mass.
Waltham Foundry Co., Waltham, Mass.
Waltham Grinding Wheel Co., Waltham, Mass.
Waltham Machine Works, mfrs. thread milling & gear cutting machines, sub press dies & special small machinery, Waltham, Mass.
WALTHAM MICROMETER DIAL GAUGE CO., dial gauges & dial indicators mfrs., 248 Ash, Waltham, Mass.
See adv index at end of book
Waltham Piano Co., Becker av & 1st, Milwaukee, Wis.
Waltham Screw Co., Waltham, Mass.
Waltham Trap Rock Co., Waltham, Mass.
Waltham Watch Co., Waltham, Mass.
Walther, A., & Sons, cornices, Bay City, Mich.
Walther, Bart., & John P., architects, 147 E. 125th, New York.
Walther Bros., fndrs., Coxsackie, N. Y.
Walther & Co., paper & pulp mills, 72 Duane, New York.
Walther, Geo. W., & Co., elec. light fix. mfrs., 208 W. Fayette, Baltimore, Md.
Walther, Henry, contractor, Hennen Bldg., New Orleans, La.
Walther, Otto, textile machy., Bourse, Philadelphia, Pa.
Walther-Vogler Gas Machine Co., Davenport, Ia.
Waltke, Wm., & Co., hand soap, Grand av & 2d, St. Louis, Mo.
Walton, C. J., & Son, tubular & water tube boilers; grate bar mfrs., Louisville, Ky.
Walton Co., tap extractors, Hartford, Conn.
Walton Construction Co., 147 E. 125th, New York.
Walton Cotton Mill Co., Monroe, Ga.
Walton, D. S., & Co., wrapping paper, 132 Franklin, New York.
Walton & Davis Co., masons' & bldrs.' matls., Dickinson, N. D.
Walton, F. S., Co., lubricating oils & greases, Orthodox & Del., Philadelphia, Pa.
Walton Foundry Co., Walton, N. Y.
Walton, J. S., machy. dlr., Pensacola, Fla.
Walton James, gas generators, Phoenicia, N. Y.
Walton Land & Timber Co., De Funiak Springs, Fla.
Walton, Luther, machst., Norristown, Pa.
Walton & Macke Nail Co., Kokomo, Ind.
Walton Mfg. Co., ventilators, 2610 Walton av, Cleveland, O.
Walton Neckyoke Centre Co., Gallatin, Mo.
Walton, P. B., lumber, Williamsport, Pa.
Walton, P. M., Mfg. Co., machinery mfrs., Philadelphia, Pa.
Walton, Thos. S., knitted gloves, Needham Heights, Mass.
Walton-Van Huffel Mfg. Co., machsts. & fndrs., Galesburg, Ill.
Walton, W. McKee, architect, 714 Walnut, Philadelphia, Pa.
Waltz, A. H., contractor, Williamsport, Pa.
Waltz, Chris., cornices & skylights, Denison, Tex.
Waltz, Ornan H., architect, Trust Co. Bldg., Ithaca, N. Y.
Waltz Safe & Lock Co., 233 California, San Francisco, Cal.
Walville Lumber Co., Walville, Wash.
Walworth, A. O., & Co., machsts., 30 S. Clinton, Chicago, Ill.
Walworth-English-Flett Co., htg. contrs., 100 Pearl, Boston, Mass.
Walworth Mfg. Co., steam fitters' supplies, 798 1st, S. B., Boston, Mass.
Walworth Run Foundry Co., 2488 W. 27th, Cleveland, Ohio.
Walz, C., brass fndrs., 296 Division, Detroit, Mich.
Walz, F. C., architect, 118 Asylum, Hartford, Conn.
Walz, Geo. A., lumber, Norwalk, Wis.
Walz, Hy. J., Co., oven builders, 72 E. Huron, Buffalo, N. Y.
Wampum Mill Co., flour, Wampum, Pa.
Wamsher, Harry G., stone producers, Perkasie, Pa.
Wamsley, A. S., lumber, Stout, Ohio.
Wamsutta Mills, cotton sheetings, New Bedford, Mass.
Wanacek Strop & Cutlery Co., Fremont, Ohio.
Wanaque River Paper Co., 290 B'way, New York.
Wand & Niehaus, fire doors, 1315 Cora, St. Louis, Mo.
Wandell, Jno. C., architect, 4 Court sq, Brooklyn, N. Y.
Wander Iron Works, 321 E. 94th, New York.
Wander, S., & Sons Chemical Co., Albany, N. Y.
Wandke, W. G., architect, 331 W. 14th, New York.
Wangaum Cut Glass Co., Hawley, Pa.
Wangenstein, J. J., architect, Providence Bldg., Duluth, Minn.
Wangler, Jos. F., Boiler & Sheet Iron Works, 9th & Mullanphy, St. Louis, Mo.
Wannenwetsch, C. H. A., architect, 563 William, Buffalo, N. Y.
Wanner, Louis, Jr., high pressure piping, 1723 Ludlow, Philadelphia, Pa.
Wantling, Isaac, & Co., coal drills, Peoria, Ill.
Wantz Lumber & Coal Co., Miamisburg, Ohio.
Wapak Hollow Ware Co., Wapakoneta, Ohio.
Wapakoneta Machine Co., Wapakoneta, Ohio.
Wappler Elec. Co., batteries, surgical instruments, &c., 173 E. 87th, New York.
Wapsipinicon Mill & Power Co., buckwheat flour, Independence, Ia.
Warburg, Bernard, brick, Springfield rd., New Burlington, Cincinnati, Ohio.
Ward, A. H., lumber, Loudon, Tenn.
Ward Aaron & Son, contractors, Camden, N. J.
Ward, Albert J., architect, Republican Bldg., Scranton, Pa.
Ward, Albert J., Co., stone producers, Fullerton av Bridge, Chicago, Ill.
Ward, Alfred L., architect, Stephen Girard Bldg., Phila., Pa.
Ward-Brock Sash & Door Co., 618 Freeman av., Cincinnati, Ohio.
Ward Bros., contractors, 9338 Hough Ct, Cleveland, Ohio.
Ward Bros., lbr., mfrs., Big Rapids, Mich.
Ward, C. E., cornices & skylights, Humboldt, Ia.
Ward, C. J., masons' & bldrs.' matls., Titusville, Pa.
Ward, Chas. B., Jr., archt., 399 Marlborough av, Detroit, Mich.
Ward, Chas., Engrg. Works, machsts. & fndrs., Charleston, W. Va.
Ward Clarence R., architect, Alaska Commercial Bldg, San Francisco, Cal.
Ward & Co., mchsts., 54 Fulton av, Astoria, N. Y.
Ward & Co., meat packers, Fairmont, Minn.
Ward, E. J., & Sons Co., lumber, Provo, Utah.
Ward, E. M., contractor, Lexington, N. C.
Ward, Edw., contractor, Bloomington, Ill.
Ward, Edw. D., contractor, 82 Foster, Worcester, Mass.
Ward, Frank F., architect, 203 B'way, New York.
Ward, Fred, & Son, machinery dealers, 164 1st, San Francisco, Cal.
Ward Furniture Mfg. Co., Fort Smith, Ark.
Ward, Geo. H., & Co., machsts., 78 Delevan, Brooklyn, N. Y.
Ward & Glossop, architects, Lincoln Bank Bldg., Louisville, Ky.
Ward & Goodwin, contractors, 110 Jessie, San Francisco, Cal.
Ward & Grimes, flour mills, Pine Apple, Ala.
Ward, Hugh H., cornices, Chester, Pa.
Ward Iron Works, tubular boilers, Los Angeles, Cal.
Ward, J. B., & Sons, fndry., brushes, brooms, Paterson, N. J.
Ward, J. H., & Co., flour mills, Greenfield, Tenn.
Ward, J. H., & Sons Co., stone producers, Park & Nelson, Pittsburgh, Pa.
Ward J. W., lumber mfrs., Dufur, Ore.
Ward, John, & Co., flour, Thomasville, N. C.
Ward, John, & Son, railroad stationery, 115 Cedar, New York.
Ward, Jos. T., fndrs., 809 Baynton, Phila., Pa.
Ward-Kent Co., box shooks, Greenfield, Tenn.
Ward, Leonard, Electric Co., rheostat controllers of all kinds, & circuit breakers, Mt. Vernon, N. Y.
Ward Lumber Co., Chamber of Commerce Bldg., Chicago, Ill., & Lynchburg, Va.
Ward Lumber Co., packing boxes, Moretown, Vt.
Ward Mfg. Co., wire fences & gates, Decatur, Ind.
Ward, Marcus, Inc., papeterie mfrs., Pearson & Creek, Long Island City, N. Y.
Ward-Meehan Co., towels, Lehigh av. & Howard, Phila., Pa.
Ward Motor Vehicle Co., stor. battery trucks, Mt. Vernon, N. Y.
Ward, N. E., brick, Selma, N. C.
Ward, Oliver Q., contractor, Gary, Ind.
Ward Paving Co., 2308 N. 29th, Philadelphia, Pa.
Ward Plow Wks., Fayetteville, N. C.
Ward & Price, contractors, Miami, Fla.
Ward Pump Co., Rockford, Ill.
Ward Safety Razor Co., Blue Island, Ill.
Ward, Sam'l, Mfg. Co., pads, albums & envelopes, 299 Atlantic av, Boston, Mass.
Ward Stilson Co., flags, emblems, etc., Anderson, Ind.
Ward, T. J., Const. Co., contrs., 408 N. 11th, St. Louis, Mo.
Ward Tractor Co., engines, plows, Lincoln, Neb.
Ward, W. A., architect, Port Chester, N. Y.
Ward, W. G., machinist, Cadiz, Ohio.
Ward, W. G., Lumber Co., Ironton, Ohio.
Ward W. H., machsts & fndrs, Milford, Me.
Ward, W. H., Co., bldg. contr., Lowell, Mass.
Ward, W. W., & Son, masons' & bldrs.' matls., Charlotte, N. C.
Ward & Weighton, contractor, Sioux City, Ia.
Ward, Wilbur F., cornices, 20 W. Pratt, Baltimore, Md.
Ward & Williams, machsts. & fndrs., Hancock, Mich.
Warde, P. T., masons' & bldrs.' matls., Milner, Ga.
Warde Piano Co., 127 W. 24th, New York
Warden, Geo. J., & Co., carriages, 6530 Carnegie av, Cleveland, Ohio.
Wardlow, H. P., flour, Alberta, La.
Wardlow, J. & W., cotton damasks, 1615 Foulkrod, Phila., Pa.
Wardlow, R. L., flour mills, Warren, Ark.
Wardlow, S. & C., crucible steel, 278 Pearl, New York.
Wardlow-Thomas Paper Co., Middletown, Ohio.

Wardman, Harry, contractor, 1430 K, N. W., Washington, D. C.
Wardner, Herbert L., architect, 60 Pemberton Sq, Boston, Mass.
Wardrop, John, wholesale hardware, Mount Carmel, Pa.
Wardrop, Norval, architect, 270 Woodward, Detroit, Mich.
Ward's Cove Packing Co., canned goods, Ketchikan, Alaska.
Ward's, Edgar T., Sons Co., steel tubing, high speed strips & cold rolled steel, all grades, 44-54 Farnsworth, Boston, Mass., & 304 Hudson, New York *See adv index at end of book*
Wardwell Braiding Mach. Co., wire & cable cov. mach., Central Falls, R. I.
Wardwell Frederick S., contr., Stamford, Conn.
Wardwell Hardware Co., Rome, N. Y.
Wardwell Lumber Co., Bristol, R. I.
Wardwell Mfg. Co., machy., 110 Hamilton av, N. E., Cleveland, Ohio.
Ware Arthur, architect, 1170 B'way, New York
Ware, Arthur W., & Co., umbrellas, whips, 12 E. 18th, New York.
Ware Co., mailing tubes, 50 Watts, New York.
Ware, J. A., Const. Co., contrs., Bouser Bldg., St. Louis, Mo.
Ware, Jas. E., & Sons, architects, 1170 B'way, New York.
Ware Mfg. Co., hosiery, elastic, surgical, Camden, N. J.
Ware, Randolph F., architect, 407 York, Newport Ky.
Ware Shoals Mfg. Co., sheetings—cotton, Ware Shoals, S. C.
Ware & Treganza, architects, Utah Sav. & Tr. Bldg., Salt Lake City, Utah.
Ware, Vernon E., contractor, El Paso, Tex.
Ware, Walter F., Co., sporting goods, 1034 Spring, Phila., Pa.
Ware, Wm., Lbr. Co., Houston, Tex.
Warehouse Point Silk Co., silk thread, Warehouse Point, Conn.
Warfel, W. H., cornices, Muncie, Ind.
Waring, Chapman & Farquhar, sewage disposal plants, 874 B'way, New York.
Waring, Edw. C., clothes washing machines, Huntsville, Mo.
Waring, Geo. W., contractor, Columbia, S. C.
Waring-Underwood Co., expansion joints, Commercial Trust Bldg., Philadelphia, Pa.
Waring, Vechten Co., advtg. counsellors, 37 E. 28th, New York.
Wark, Jas., granite, Milford, N. H.
Wark, W. E., Co., steel struct. wk., 1737 Filbert, Phila., Pa.
Warley, Thos. C., & Co., boiler compounds, 227 S. Front, Philadelphia, Pa.
Warlick Sheet Metal Mfg. Co., cornices & skylights, Atlanta, Ga.
Warlick & Sherrill Co., textile mach. supplies, Granite Falls, N. C.
Warman Steel Casting Co., Redondo, Cal.
Warn, Montrose, architect, 3126 Winter, Los Angeles, Cal.
Warne, H. Rus., architect, Charleston, W. Va.
Warnell Lumber & Veneer Co., Plant City, Fla.
Warner, A. R., contractors, Waynesboro, Pa.
Warner Arms Corp., machsts. & fndrs., Norwich, Conn.
Warner Bros. Co., sheet metal stamping, Bridgeport, Conn.
Warner, C. B. & J., elec. portables & shades, 138 W. 14th, New York
Warner, C. T., mica, 906 S. Bishop, Chicago, Ill.
Warner, Chas., Co., hydrated lime, I. O. O. F. Bldg., Wilmington, Del.
Warner, Chas., Co., masons' & bldrs.' matls., 18 E. 41st, New York.
Warner, Chas. W., cornices, 522 W. Harrison, Chicago, Ill.
Warner Chemical Co., 52 Vanderbilt av, New York.
Warner & Childs Co., corrugated bottle wrappers, Medford, Mass.
Warner Co., vacuum cleaners, etc., Muncie, Ind.
Warner Construction Co., 189 W. Madison, Chicago, Ill.
Warner, E. T., machsts. & fndrs., Petersburg, Ind.
Warner, Edw. C., machst. & fndr., Ludlow, Vt.
Warner Electric Co., elec. spec., Muncie, Ind.
Warner Elev. Mfg. Co., grain elev. bldrs., Warner, Ill.
Warner Elevator Mfg. Co., Spring Grove av, Cincinnati, Ohio. *See adv index at end of book.*
Warner Fence Co., Ottawa, Kans.
Warner Franklin E., architect, San Joaquin Bldg, Stockton, Cal.
Warner, Franz C., architect, Hippodrome Annex, Cleveland, O.
Warner, G. F., Mfg. Co., archl. iron, New Haven, Conn.
Warner Gear Co., automobile gears, Muncie, Ind.
Warner, Geo., lumber, Drexel Bldg., Philadelphia, Pa.
Warner, Geo. H., architect, Catskill, N. Y.
Warner, Geo. W., contractor, 29 Circular av, New Haven, Conn.
Warner Hammer Co., Cromwell, Conn.
Warner Hardware Co., 13 S. 6th, Minneapolis, Minn.
Warner Iron Co., blast furnaces, Nashville, Tenn.
Warner, J. Foster, architect, Granite Bldg., Rochester, N. Y.
Warner Jewelry Case Co., 642 Mich. av, Buffalo, N. Y.
Warner, Jno., architect, Marion Bldg., Cleveland, Ohio.
Warner Lamp Co., Davenport, Ia.
Warner-Lenz Co., automobile lenses, 914 S. Mich. av, Chicago, Ill.
Warner Mfg. Co., engraving machines, 810 Citizens' Bldg., Cleveland, Ohio.
Warner Mfg. Co., hdwe. mfrs., Greenfield, Mass.
Warner Mfg. Co., woven labels, Paterson, N. J.
Warner-Miller Co., masons' & bldrs.' matls., New Haven, Conn.
Warner-Newton Lbr. Co., Grand Rapids, Mich.
Warner, O. M., architect, Stimson Bldg., Los Angeles, Cal.
Warner, P. B., contractors & railroad equipment, Culloms Station, Cincinnati, Ohio.
Warner-Quinlan Asphalt Co., contractors, Syracuse, N. Y.
Warner Silver Co., colonial candlesticks, Bridgeport, Conn.
Warner Sugar Refining Co., 79 Wall, New York.
Warner & Swasey Co., lathes, etc., Cleveland, O.
Warner, T. W., Co., automobile gears, levers, etc., Muncie, Ind.
Warner, W. E., brushes, 136 Centre, New York.
Warnke Bros. Co., cornices & skylights, Toledo, Ohio.
Warnock Mfg. Co., makers of pipe wrenches & pipe vises, 54 Commercial, Worcester, Mass.
Warnock & Ralston, soap, Rock Island, Ill.
Warnock, W. H., whol. hdwe., Magnolia, Ark.
Warnola Mfg. Co., Inc., metallic tubing, 73-75 Wooster, New York
Warns, Wm. H., machst., Painted Post, N. Y.
Warp Compressing Mach. Co., Worcester, Mass.
Warp Twisting-In Mach. Co., 260 Van Brunt, Brooklyn, N. Y.
Warren, A. J., Brush Co., 79 Elm, Cincinnati, Ohio.
Warren Axe & Tool Co., axes & logging tools, Warren, Pa.
Warren & Bailey Mfg. Co., 359 N. Main, Los Angeles, Cal.
Warren, Balderston & Co., mill & facty. & plumbers' supplies, Trenton, N. J.
Warren, Benj. R., & Sons, contractors, Princeton, N. J.
Warren Brass Fdry. Co., lavatory legs, Warren, Ohio.
Warren Brick & Tile Co., Warren, Ohio.
Warren Bros. Co., contrs., Railway Exchange Bldg, St. Louis, Mo.
Warren Bros. Co., general contractors, 142 Berkeley, Boston, Mass.
Warren Bros. Co., paints, etc., plate & window glass, Nashville, Tenn.
Warren, Chas. F., architect, 150 Water, New York.
Warren Chemical & Mfg. Co., 17 Battery pl, New York.
Warren Chemical & Mfg. Co., asphalt paving contrs, 303 Main W., Rochester, N. Y.
Warren City Tank & Boiler Co., Warren, Ohio.
Warren & Clark, architects, 489 5th av, New York.
Warren, Clinton, architect, 185 Devonshire, Boston, Mass.
Warren Co., pulley covering, Niles, Mich.
Warren Constr. Co., Jamestown, N. Y., & Journal Bldg., Portland, Ore.
Warren Cotton Oil Mfg. Co., Warren, Ark.
Warren County Fertilizer Co., Warrenton, Ga.
Warren & Dellwardt Co., plumbers' supplies, jobbers, 109 Seneca, Buffalo, N. Y.
Warren, Edgar, Co., cornices, 116 N. 16th, Philadelphia, Pa.
Warren, Edward V., architect, Essex Bldg., Newark, N. J.
Warren Evaporator Wks., Warren, Ohio.
Warren Fertilizer Co., Warren, Pa.
Warren Fdry. & Mach. Co., Phillipsburg, N. J.
Warren G. Black Oil Co., Century Bldg, Cleveland, O.
Warren & Gerrish, architects, 53 State, Boston, Mass.
Warren-Harchman Canning Co., Saratoga, Ind.
Warren Handle Wks., Cortland, Ohio.
Warren Hardware Co., Warren, Ohio.
Warren, Harry E., architect, 6 Beacon, Boston, Mass.
Warren, Hugh M., lbr. mfrs., Strong, Me.
Warren Iron & Steel Co., Warren, Ohio.
Warren, J. C., contractor, Sedalia, Mo.
Warren, J. D., Mfg. Co., h'dwe store fixtures, glass sectional shelving, etc., Masonic Temple, Chicago, Ill.
Warren, J. F., & W. H. Co., mill & facty. supplies, Worcester, Mass.
Warren, J. M., architect, Daly Bldg., Butte, Mont.
Warren, J. M., & Co., mill & facty supplies, who. hrwe., Troy, N. Y.
Warren, Jas. D., htg. contrs., Albany, N. Y.
Warren, Jas. W., Bldg Co., Elizabeth, N. J.
Warren, John B., architect, Essex Bldg., Newark, N. J.
Warren-Knight Co., engng. instruments, 136 N. 12th, Phila., Pa.
Warren Leather Goods Co., advtg. nov. & spec., Worcester, Mass.
Warren Lime Co., West Warren, Me.
Warren Lubricant Co., 27 Coenties slip, New York, & 22 Maurice, Buffalo, N. Y.
Warren, Lyman O., architect, 112 Academy Hill rd, Boston, Mass.
Warren Machine & Iron Wks. Co., Warren, Minn.
Warren Mach. Products Co., auto axles, air compressors & gun lathes, Warren, Pa.
Warren Mfg. Co., cotton sheetings, Warren, R. I.
Warren Mfg. Co., hammocks, belting, press cloths, etc., Warren, Md.
Warren Mfg. Co., paper & pulp mills, 217 Morgan av, Brooklyn, N. Y. & 232 B'way, New York.
Warren Metal Co., scrap iron & steel, Warren, O.
Warren Milling Co., flour, Nashville, N. C.
Warren Mirror Wks., Warren, Pa.
Warren Moore & Co., contractors, Commercial Trust Bldg., Phila., Pa.
Warren Motor Truck Co., Warren, O.
Warren, O. P. M., contr., 657 W. 1st, N., Salt Lake City, Utah.
Warren Oil Co., lubrg., Warren, Pa.
Warren Packing Co., canned goods, Portland, Ore.
Warren Paint & Color Co., Nashville, Tenn.
Warren Paint Co., Warren, Ohio.
Warren Parchment Co., paper, Dexter, N. Y.
Warren Piano Co., Warren, Pa.

Warren, R. Q., architect, Bristol, Tenn.
Warren Refining & Chemical Co., metal polish, etc., 9420 Meech av, Cleveland, Ohio
Warren Refining Co., petroleum products, Warren, Pa.
Warren, S. D. & Co., paper & pulp mills, 120 Franklin, Boston, Mass.
Warren & Smith, architects, Equitable Bldg., Boston Mass.
Warren Soap Mfg. Co., mill soap mfrs., 77 Summer, Boston, Mass.
Warren & Southwick Carriage Co., 337 Cleveland av, Columbus, Ohio.
Warren Specialty Co., soap, Warren, Pa.
Warren Specialty Mfg. Co., pullers, West Farmington, Ohio.
Warren Stamping Co., lanterns, Warren, O.
Warren Steam Pump Co., Warren, Mass.
Warren Steel Casting Co., 4700 Fyler av, St. Louis, Mo.
Warren & Svarz, architects, Haight bldg., Seattle, Wash.
Warren Tool & Forge Co., railroad & contractors' tools, Warren, Ohio.
Warren Veneer & Panel Co., Warren, Pa.
Warren, W. A., architect, 10 S. La Salle, Chicago, Ill.
Warren, W. T., architect, Empire Bldg., Birmingham, Ala.
Warren, W. Thread Wks., Westfield, Mass.
Warren Walter G. & Co., decorative elec. lighting, 1401 W. Jackson Bl., Chicago, Ill.
Warren & Wetmore, architects, 16 E. 47th, New York.
Warrensburg Canning Co., Warrensburg, Ill.
Warrenton Clam Co., canned goods, Warrenton, Ore.
Warrenton Flour Mills, Warrenton, Va.
Warriner, R. B., handles, Jetersville, Va.
Warrior Fertilizer Co., Northport, Ala.
Warsaw Button Co., Warsaw, N. Y.
Warsaw Elevator Co., passenger & freight elevators, Warsaw, N. Y. *See adv. index at end of book.*
Warsaw-Wilkinson Co., agricultural implements, Warsaw, N. Y.
Warshauer Alex., mattresses, 124 Ralph av, Brooklyn, N. Y.
Warshavsky, A. W., metallic shades & reflectors, 187 B'way, Brooklyn, N. Y.
Warth, John F., brooms, 514 W. 46th, New York
Warwick China Co., Wheeling, W. Va.
Warwick & Collins, contractors, 108 S. 8th, Brooklyn, N. Y.
Warwick Co., flour, Massillon, O.
Warwick Const. Co., coke oven const., 1048 W. Harrison, Chicago, Ill.
Warwick, Fred. L., architect, 148 E. Market, Indianapolis, Ind.
Warwick Mach. Co., Newport News, Va.
Warwick, W. R., cornices, Long Branch, N. J.
Warwood Tool Co., picks, mattocks, etc., Wheeling, W. Va.
Wasatch Orchard Co., canned goods, Ogden, Utah.
Wasburn Bros. Co., brick, Glasco, N. Y.
Wasco Warehouse Milling Co., masons' & bldrs.' matls., The Dalles, Ore.
Waseca Milling Co., cereal foods, Waseca, Minn.
Wasem Plaster Co., Fort Dodge, Iowa.
Wash-Easy Co., washing machines, 2427 W. 14th, Chicago, Ill.
Washburn Bros. Co., masons' & bldrs.' matls., ft. of Jersey av, Jersey City, N. J.
Washburn Canning Co., Washburn, Mo.
Washburn-Crosby Co., feed, 2d fl., Chm. Com., Minneapolis, Minn.
Washburn & Fowler, brick, Grassy Point & Haverstraw, N. Y.
Washburn, G. Bertram, architect, 6 Beacon, Boston, Mass.
Washburn, G. W., & Son, brick yard, Catskill, N. Y.
Washburn & Garfield Mfg. Co., steam fitters' supplies, Worcester, Mass.
Washburn, Geo. H., architect, Burlington, Iowa.
Washburn, Geo. P., & Son, architects, Ottawa, Kan.
Washburn & Granger, grate bar mfrs., 50 Church, New York.
Washburn, Ira D., Co., glass, paint, 906 Central av, Cincinnati, Ohio.
Washburn, Lettic R., & Co., patterns & models, New Bedford, Mass.
Washburn Lbr. Co., Longstreet, La.
Washburn, N. S., Lumber Co., Sturgeon Bay, Wis.
Washburn, O. S., & Son, dry docks, Charlevoix, Mich.
Washburn Shops, castings, drilling mchs., etc., Worcester, Mass.
Washburn, Thos. F., Co., varnish mfrs., 2213 Lister av, Chicago, Ill.
Washburn, U. F., & Co., brick, Grassy Point & Haverstraw, N. Y.
Washburn, U. F., & J. T., brick, East Kingston, N. Y.
Washburn, Williams & Co., lbr. mfrs., Scranton, Pa.
Washburn Wire Co., Phillipsdale, R. I.
Washburne, Edw. G., & Co., lightning rods, 207 Fulton, New York.
Washed Sand & Gravel Co., 513 Lumber Ex., Minneapolis, Minn.
Washington Ag'l. College & School of Science, engng. school & coll., Pullman, Wash.
Washington Asphalt Block & Tile Co., S. Capitol & R. S. E., Washington, D. C.
Washington Auto Supply Co., spark plugs, Washington, Ill.
Washington Brick Co., Washington, Ga.
Washington Brick Co., Washington, Pa.
Washington Brick Lime & Sewer Pipe Co., Spokane, Wash.
Washington Brick & Terra Cotta Co., 911 H. N. W., Washington, D. C.
Washington Broom & Woodenware Co., corn, Seattle, Wash.
Washington Buggy Co., Washington, N. C.
Washington Bldg. Lime Co., Equitable Bldg., Baltimore, Md.
Washington Casket Co., coffins, etc., Seattle, Wash.
Washington Coal & Coke Co., Dawson, Pa.
Washington Cob Pipe Works, Washington, Mo.
Washington Construction Co., 118 N. La Salle, Chicago, Ill.
Washington Cutlery Co., Watertown, Wis.
Washington Elevator Co., freight, Seattle, Wash.
Washington Excelsior & Mfg. Co., Edmonds, Wash.
Washington Guarantee Roofing Co., cornices, 718 Westchester av, New York.
Washington Handle Co., Washington, C. H., Ohio.
Washington Iron Works, Los Angeles, Cal., & Sherman, Tex.
Washington Iron Works, machsts. & fndrs., Seattle, Wash.
Washington & Lee University, engng. school & coll., Lexington, Va.
Washington Machinery Depot, Tacoma, Wash.
Washington Mfg. Co., handles, Washington, C. H., Ohio.
Washington Mfg. Co., porch columns, Tacoma, Wash.
Washington Mfg. Co., sashes, doors & blinds, Washington, Ga.
Washington Mattress Co., Seattle, Wash.
Washington Mills Co., cotton sheetings, Mayodan, N. C.
Washington Mills Emery Mfg. Co., North Grafton, Mass.
Washington Monumental & Cut Stone Co., Spokane, Wash.
Washington Oil Co., cottonseed meal, Washington, La.
Washington Ornamental Iron Wks, Spokane, Wash.
Washington Packing Co., meat packers, Washington, Pa.
Washington Pipe & Foundry Co., steam casings, Tacoma, Wash.
Washington Portland Cement Co., Seattle, Wash.
Washington Rubber Co. mill & factory supplies, Washington, D. C.
Washington Saw Co., 2724 6th, S., Seattle, Wash.
Washington Sheet Metal Works, cornices & skylights, Seattle, Wash.
Washington Silicate Brick Co., Colorado bldg., Washington, D. C.
Washington Slate Co., Slatington, Pa.
Washington Steel & Ordnance Co., machsts. & fndrs., Washington, D. C.
Washington Stove Works, Everett, Wash.
Washington Street Brass & Iron Foundry, Lebanon, Pa.
Washington Tin Plate Co., Washington, Pa.
Washington Tool Co., Owatonna, Minn.
Washington University, engng. schools & colls., Skinker & Lindell, St. Louis, Mo.
Washington Water Power Co., Spokane, Wash.
Washington Weeder Works, Walla Walla, Wash.
Washington Woodworking Co., 200 12th, N. W., Washington, D. C.
Washtik Co., mattresses, Nicholas bldg., Toledo, Ohio.
Wasmansdorff & Eastman, architects, Lewiston, Mont.
Wasmuth-Endicott Co., cabinets, kitchen, Andrews, Ind.
Wason Mfg. Co., machsts. & fndrs., Springfield, Mass.
Wasser-Mowat Shingle Co., lumber, Edmonds, Wash.
Wasserstrom, L. B., razor strops, 91 Gild, New York
Wasson Piston Ring Co., New Brunswick, N. J.
Wasson Piston Ring Co., Plainfield, N. J.
Wasson Reel Co., Clinton, Ill.
Wasson Stanchion Co., Cuba, N. Y.
Wasson, T. J., masons' & bldrs.' matls., Peoria, Ill.
Wasson Trolley & Mfg. Co., Milwaukee, Wis.
Waste Trade Journal, trade publication, 150 Lafayette, New York.
Wasuc Mills Co., paper & pulp mill—binders' boards, South Glastonbury, Conn.
Watab Pulp & Paper Co., Sartell, Minn.
Watauga Flouring Mill, Elizabethton, Tenn.
Watauga Roller Mills, Sugar Grove, N. C.
Watchung Stone Co., Plainfield, N. J.
Watelsky & Co., scrap iron, rubber, 307 Baymiller, Cincinnati, Ohio.
Water Arch Furnace Co., 38 S. Dearborn, Chicago, Ill.
Water Power Vacuum Cleaner Co., 84 W. Mohawk, Buffalo, N. Y.
Water Works Equipt. Co., water work spec., 50 Church, New York.
Waterall, Wm., & Co., enamels, paints & wood fillers, Front & Mechanic, Philadelphia, Pa., & Camden, N. J.
Waterbury Battery Co., Waterbury, Conn.
Waterbury Brass Goods Corp., fndrs., Waterbury, Conn.
Waterbury Buckle Co., Waterbury, Conn.
Waterbury Button Co., Waterbury, Conn.
Waterbury Castings Co., Waterbury, Conn.
Waterbury, Chas. D., architect, 64 E. Van Buren, Chicago, Ill.
Waterbury Chas. Dann., architect, 43 Bryant N. W., Washington, D. C.
Waterbury Clock Co., Waterbury, Conn.
Waterbury Co., fibre & wire rope, tarred yarn, etc., 63 Park Row, New York.
Waterbury, Edwin H., architect, Torrington, Conn.
Waterbury Etching Co., etched metal signs, Waterbury, Conn.
Waterbury Farrel Fndry. & Mach. Co., Waterbury, Conn.
Waterbury Felt Co., Skaneateles Falls, N. Y.
Waterbury Fndry. Co., Waterbury, Conn.
Waterbury, H. S., architect, 126 E. 38th, New York.
Waterbury, H., & Sons Co., horse blankets, felts, etc., Oriskany, N. Y.

Waterbury Lbr. Co., 107 Meadow, Waterbury, Conn.
Waterbury Mach. Co., Waterbury, Conn.
Waterbury Mfg. Co., machsts. & fndrs., Waterbury, Conn.
Waterbury Mattress Co., Waterbury, Conn.
Waterbury Rolling Mills, Waterbury, Conn.
Waterbury Sand & Gravel Co., Waterbury, Conn.
Waterbury Scrap Iron Co., Waterbury, Conn.
Waterbury Sheet Metal Wks., cornices, Waterbury, Conn.
Waterbury Tool Co., transmission & variable speed changing gear mfrs., Waterbury, Conn.
Waterbury-Wallace Co., elec. lamps, 100 Lafayette, New York.
Waterbury Welding Co., fndry., riddles, auto supplies, etc., Waterbury, Conn.
Waterford Canning Co., Waterford, Ky.
Waterhouse, Chas. B., architect, 257 Main av, Passaic, N. J.
Waterhouse, Charles R., Jr., dock bldr., 74 Park, New Haven, Conn.
Waterhouse Co., masons' & bldrs.' matls., Los Angeles, Cal.
Waterhouse, Frank, & Co., ship bldrs., Seattle, Wash.
Waterhouse, H., fndrs., Wheeling, W. Va.
Waterhouse & Lester, who. h'we., 540 Howard, San Francisco, Cal.
Waterhouse Welding Co., 15 Pelham, Boston, Mass.
Waterloo Bending Co., carriage shafts & poles, Waterloo, Ind.
Waterloo Brass Fdry., Waterloo, Ia.
Waterloo Broom Co., Waterloo, Ind.
Waterloo Canning Assn., Waterloo, Wis.
Waterloo Canning Co., Waterloo, Ia.
Waterloo & Cedar Falls Union Mill Co., flour, Cedar Falls, Ia.
Waterloo Cement Machy. Corp., Waterloo, Ia.
Waterloo Const. Co., reinfg. bar benders, Waterloo, Iowa.
Waterloo Engr. & Service Co., advtg. spec., Waterloo, Ia.
Waterloo Fdry. Co., Waterloo, Ia.
Waterloo Gasoline Engine Co., Waterloo, Ia.
Waterloo Hdw. Co., Waterloo, Ia.
Waterloo Lumber Co., Waterloo, Ia.
Waterloo Mfg. Co., mill & facty. & pumbers' supplies, Waterloo, Ia.
Waterloo Register Co., Waterloo, Ia.
Waterloo Saddlery Co., Waterloo, Ia.
Waterloo Steam Boiler Works, Waterloo, Ia.
Waterloo Varnish Mfg. Co., Waterloo, Ia.
Waterloo Woolen Mfg. Co., woolen carriage cloth, Waterloo, N. Y.
Waterman, A. A., & Co., fountain pen mfrs., 170 B'way, New York.
Waterman, Francis E., architect, 36 Pearl, Hartford, Conn.
Waterman, Harlan P., contractor, Hartford, Conn.
Waterman, Harry H., architect, 10 S. La Salle, Chicago, Ill.
Waterman, Hy., & Bro., gas, oil stoves & heaters, 195 Lewis, New York.
Waterman & Judge, floor mosaics, 1 Washington, Boston, Mass.
Waterman, L. E., Co., fountain pen mfrs., 191 B'way, New York.
Waterman Motor Co., elect. lighting systems, marine reverse gears, etc., 235 Mt. Elliott av, Detroit, Mich.
Waterman, R. C., & Co., nails, tacks, S. Hanover, Mass.
Waterman Smith A., l'br., Watervliet, N. Y.
Waterman, Store, who. h'dwe., Albion, N. Y.
Waterman Supply Co., mill & factory supplies, Fall River, Mass
Waterman, W. E., contractor, 918 Plainfield, Providence, R. I
Waterman-Waterbury Co., boilers & furnaces, 1121 Jackson N. E., Minneapolis, Minn.
Waterous Engine Wks. Co., 62 S. Robert, St. Paul, Minn.
Waterproof Paint Co., Watertown, Mass.
Waterproof Paper & Board Co., 427 E. 6th, Cincinnati, O
Waterproofing Co., 345 E. 33d, New York.
Waters, A. S., brass castings, Salem, Mass.
Waters & Brown, masons' & bldrs.' matls., Salem, Mass.
Waters, Clark Lbr. Co., Duluth, Minn.
Waters, D. F., dyeing machy., 55 Wister, Phila., Pa.
Waters-Garland Co., belt fasteners, steam fitters' supplies, etc 419 W. Main, Louisville, Ky.
Waters, Geo. E., & Co., Lbr. Mfrs., 922 Park av, Baltimore, Md
Waters, Geo. W., Co., masons' & bldrs.' matls., Laurel, Md.
Waters Governor Co., 141 Milk, Boston, Mass.
Waters, H. C., & Co., mill & facty. supplies & masons' & bldrs matls., Paw Paw, Mich.
Waters, Horace, & Co., pianos, 134 5th av, New York.
Waters, John, Bldg. Co., 23 E. Center, Baltimore, Md.
Waters, L. C., architect, Knoxville, Tenn.
Waters & Osborn Co., sash, door & blind, Red Bank, N. J.
Waters, Thos. J., Co., contractors, 271 W. 125th, New York.
Waters, Wm., architect, Oshkosh, Wis.
Waterson, J. C., machsts., Elkhart, Ind.
Watertite Drain & Scupper Co., 351 Lexington av, New York
Watertown Auto. & Supply Co., auto springs, Watertown, N. Y
Watertown Canning Co., Watertown, Wis.
Watertown Lumber Co., Watertown, Mass.
Watertown Machine Co., Watertown, Wis.
Watertown Mfg. Co., insulators, Watertown, Conn.
Watertown Mattress Mfg. Co., Watertown, N. Y.
Watertown Milling Co., flour, Watertown, Tenn.
Watertown Specialty Co., machsts., Watertown, N. Y.
Waterville Fdry. & Mfg. Co., Waterville, N. Y.
Waterville Granite Co., Waterville, Me.
Waterville Iron Works, mchsts. & fndrs., Waterville, Me.
Watervliet Arsenal, light & heavy ordnance, Watervliet, N. Y
Watervliet Paper Co., Watervliet, Mich.
Wathen Milling Co., Louisville, Ky.
Wathen, R. E., & Co., gin distillers, Louisville, Ky.
Watkin, M., machsts., 35 Pike, New York.
Watkin, Wm., architect, Ward Scanlan bldg., Houston, Tex.
Watkins, B. F., & Co., fertilizer, Jackson, Ga.
Watkins, Chas. H., heating contractors, Newton, N. J.
Watkins, Chas. & Son, contractors, Plymouth, Pa.
Watkins, Cottrell, Co., wholesale hardware, Richmond, Va.
Watkins, E. A., & Bros., lumber mfrs., Norfolk, Va.
Watkins Engineering Supply Co., mill & facty. supplies, 137 High, Boston, Mass.
Watkins, Ernest R., architect, Anderson, Ind.
Watkins, J. B., & Co., masons' & bldrs.' matls., South Omaha, Neb.
Watkins, J. E., canned goods, St. Michaels, Md.
Watkins, Jas. E., contractor, Amesbury, Mass.
Watkins, Jas. Y., & Son, coppersmiths, oven bldrs., 20 Catherine, New York.
Watkins, Jno. B., sashes, doors & blinds, Henderson, N. C.
Watkins Lumber Co., Mena, Ark.
Watkins Machine Works, Berwick, La.
Watkins Motor Co., machsts., 828 N. 6th, Cincinnati, Ohio.
Watkins Packing Co., Odessa, Del.
Watkins Richard C., architects, Felt bldg., Salt Lake City, Utah.
Watkins, Robert G., contrs., Amesbury, Mass.
Watkins, S. E., & Sons, architects, Sherwood, Ore.
Watkins, Thos., pipe jointers, Johnstown, Pa.
Watling Mfg. Co., machsts., 1029 W. Adams, Chicago, Ill.
Watrous, Acme Mfg. Co., hardware, Des Moines, Ia.
Watrous, Chas. A. Esq., architect, Watrous Bldg, Des Moines, Iowa.
Watrous Co., faucets, lavatories, pipes, valves, etc., 14 E. Jackson blvd, Chicago, Ill.
Watrous, F., brick, Chelsea, N. Y.
Watrous Mfg. Co., table silverware, Wallingford, Conn.
Watrous Mfg. Co., toy metal bldg. materials, East Hampton, Conn.
Watrous Varnish Co., 20th & Tasker, Phila., Pa.
Watson, A. O., architect, E. 6th & Brazos, Austin, Tex.
Watson, A. R., brick, Mount Orab, O.
Watson, A. W., Brick Co., Greensboro, N. C.
Watson, A. W., & W. M. Co., lbr., sash, door & blind mfrs., Newton, Pa.
Watson, Andw., scrap iron & steel, 44 Withers, B'klyn, N. Y.
Watson Bros., contractors, Gloucester, Mass.
Watson Bros., mica, 170 Purchase, Boston, Mass.
Watson Bros. Co., canned goods, Greenwich, N. J.
Watson Bros. & Co., flour mills, Loudenville, W. Va.
Watson Bros. Iron Wks., Albany, Ore.
Watson, C. David L., heat, hot water generators, Terre Haute Ind.
Watson Cement & Coal Co., masons' & bldrs.' matls., Lima, O.
Watson Co., contractors, Dallas, Tex.
Watson Co., fly killers, Peru, Ind.
Watson Co., silver novelties, Attleboro, Mass.
Watson Constr. Co., 123 William, New York.
Watson Contracting Co., 1311 Huntsville rd., Birmingham, Ala., & H. R. & Fordham rd, New York.
Watson, Daniel, contractor, 49 Belden pl., San Francisco, Cal.
Watson, Fitzgerald, Co., common brick, Danville, Va.
Watson, Frank C., architect, Wallingford, Pa.
Watson, Frye & Co., marine hdwe., machts. & fndrs., Bath, Me.
Watson, Gavin F., stone producers, E. 72d & Blackstone av, Chicago, Ill.
Watson, Geo., contractor, New Rochelle, N. Y.
Watson, Geo. E., Co., paint & varnish mfrs., 62 W. Lake, Chicago, Ill.
Watson, H. F., Co., asbestos matls., Erie, Pa.
Watson-Higgins Milling Co., flour, Grand Rapids, Mich.
Watson & Huckel, architects, 1211 Walnut, Phila., Pa.
Watson, J. D., & Co., paints, New Brunswick, N. J.
Watson, J. H., machsts., Worcester, Mass.
Watson, Jas. A., architect, 34 Warburton av, Yonkers, N. Y.
Watson, Jas. H., & Co., contrs., Kokomo, Ind.
Watson, Jas. H., Co., metallic window frame & sash, Bradley, Ill.
Watson, Jno., contractor, 4004 N. Capital av, Indianapolis, Ind.
Watson, John, starch mfr., Houlton, Me.
Watson, Jno. B., Co., ry. supp., Witherspoon Bldg., Phila., Pa.
Watson, John C., architect, 271 W. 125th, New York.
Watson, John C., steam fittrs. supps., Terre Haute, Ind.
Watson, John & Co., mill & facty. supplies, who. h'dwe., Houlton, Me.
Watson, John, & Sons Co., mchsts. & fndrs., Trenton, N. J.
Watson & Johnson, canned goods, Peaksville, Va.
Watson, L. F., architect, 215 W. 7th, Los Angeles, Cal.
Watson, L. S., Mfg. Co., mill & facty. supplies, Leicester, Mass.
Watson Lands Lbr. Co., Nebraska, Pa.
Watson & McDaniel Co., steam specialties, 146 N. 7th, Phila., Pa.
Watson Mach. Co., Paterson, N. J.
Watson Mfg. Co., machsts., Toledo, Ohio.
Watson Mfg. Co., metal furniture, screens, etc., Jamestown, N. Y.
Watson, N. A., machsts., Erie, Pa.
Watson, Nelson M., machsts,. Dailey Bldg., Detroit, Mich.

Watson-Penfield Corp., plumbers' supplies, jobbers, New Bedford, Mass.
Watson & Robinson, sash, door & blind mfrs., 49 Queen, Gtn., Philadelphia, Pa.
Watson-Stillman Co., hydraulic machinery, jacks & presses, 38 Church, New York. *See adv index at end of book.*
Watson, T. F., & Bro., masons' & bldrs.' matls., Coraopolis, Pa.
Watson, Thos. S., Co., voltage regulators, 1412 Majestic, Milwaukee, Wis.
Watson, W. A., mill & facty. supplies, Greensburg, Ind.
Watson Wagon Co., Canastota, N. Y.
Watson's C. D. Co., mill & fcty. & steam fitters' supplies, Terre Haute, Ind.
Watson's Forge & Mach. Wks., 553 W. 35th, New York.
Watsontown Brick Co., Watsontown, Pa.
Watsontown Door & Sash Co., Watsontown, Pa.
Watt Bros., stone producers, Lafayette, O.
Watt, F. N., Co., coffins, etc., Richmond, Ind.
Watt Hardware Co., Waycross, Ga.
Watt & Holmes Hardware Co., Cordele, Ga.
Watt, James & Bros., tires, poles & posts, Thomasville, Ga.
Watt Mining Car Wheel Co., Barnesville, O.
Watt & Mitchell, common brick, Princeton, Ind.
Watt Plow Co., Richmond, Va.
Watt, Robt. Mfg. Co., gas radiators, 1701 N. 20th, Phila., Pa.
Watt & Sinclair, contractors, 348 W. 27th, New York.
Watters, Chas. H., contractor, Akron, O.
Watters & Martin, hardware, who., Norfolk, Va.
Watterson, H. A., & Son, contrs., Citizens' Bldg, Cleveland, O.
Watterson, Henry, contractor, 4500 Euclid av, Cleveland, O.
Watterson, Wm. R., architect, Guardian Bldg., Cleveland, O.
Watterworth & Fee, bldg. contrs., Duluth, Minn.
Wattis, L. R., Co., contrs., Newhouse Bldg., Salt Lake City, Utah.
Wattles, Richard H., fertilizer mfrs., Alexandria, Va.
Wattrous, Ray, contractor, 249 Edison, Salt Lake City, Utah.
Watts, Albert S., architect, Pikesville, Md.
Watts Bros., lumber, Campbellstown, O.
Watts, Campbell Co., mchsts. & fndrs., 298 Ogden, Newark, N. J.
Watts, G., cornices, Honesdale, Pa.
Watts, H. D., Co., contractors, Riggs Bldg., Washington, D. C.
Watts, I. R., machsts., Clay Center, Kansas.
Watts, J. H., sash, door & blind mfrs., Harriman, Tenn.
Watts, J. Murray, naval architects, 328 Chestnut, Phila., Pa.
Watt's, John M., Sons, boiler oil feeders, packing mfrs. belt dressing, etc., 54 N. 2d, Phila., Pa.
Watts Laundry Machine Co., Willimantic, Conn.
Watts Mfg. Co., agricultural implements, Jackson, Mich.
Watts Mfg. Co., cotton duck & sheetings, Liledoun, N. C.
Watts Mills, cotton sheetings, Laurens, S. C.
Watts Regulator Co., steam specialties, mfrs., 250 Lowell, Lawrence, Mass.
Watts & Stern, machsts., 1303 Buttonwood, Phila., Pa.
Wattson & Spicer, contractors, 405 S. Hill, Los Angeles, Cal.
Wauchula Mfg. & Timber Co., Wauchula, Fla.
Waud Mfg. Co., elec. portables, 1193 B'way, New York.
Waugh Draft Gear Co., Peoples' Gas Bldg., Chicago, Ill.
Waukesha Fdry. Co., Waukesha, Wis.
Waukesha Lime & Stone Co., 1211 Humboldt av, Milwaukee & Waukesha, Wis.
Waukesha Malleable Iron Co., castings, Waukesha, Wis.
Waukesha Mfg. Co., packing box, Waukesha, Wis.
Waukesha Motor Co., machsts. & fndrs., Waukesha, Wis.
Waupaca Felting Mill, Waupaca, Wis.
Waupaca Spec. Co., advtg. nov., Waupaca, Wis.
Waupaca Starch Co., Waupaca, Wis.
Waupun Canning Co., Waupun, Wis.
Wausau Abrasives Co., sand paper, Chicago, Ill.
Wausau Box & Lumber Co., Wausau, Wis.
Wausau Canning Co., Wausau, Wis.
Wausau Fix. & Furn. Co., draughting tables, Wausau, Wis.
Wausau Foundry & Machine Co., Wausau, Wis.
Wausau Iron Works, machsts. & fndrs., Wausau, Wis.
Wausau Novelty Co., turned wood nov., Wausau, Wis.
Wausau Paper Mills Co., Brokaw, Wis.
Wausau Quartz Co., Wausau, Wis.
Wausau Southern Lumber Co., Wausau, Wis.
Wausau Sulphate Fibre Co., Mosinee, Wis.
Wauseon Lumber & Supply Co., Wauseon, Ohio.
Waushara Granite Co., 133 W. Washington, Chicago, Ill.
Wauwatosa Stone Co., Loan & Tr. Bldg., Milwaukee, Wis.
Waverly Brick & Tile Co., Waverly, Ill.
Waverly Co., storage battery trucks, 139 S. East, Indianapolis, Ind.
Waverly Htg. & Supply Co., furnace pipe, 52 Union, Boston, Mass.
Waverly Mfg. Co., machsts. & fndrs., Jefferson, Wis.
Waverly Novelty Co., electric clocks, 806 Bessemer Bldg., Pittsburgh, Pa.
WAVERLY OIL WORKS CO., oil refiners, 54th & A. V. R. R., Pittsburgh, Pa.
Waverly Paper Box Board Co., Weston av, Newark, N. J.
Waverly Supply Co., rice, Waverly Mills, S. C.
Wax Brush Co., yarn brushes, mops & dusters, mfrs., 56 Sanford, Boston, Mass.
Waxahachie Cotton Mills, Waxahachie, Tex.
Waxene Size Co., Fall River, Mass.
Waxwell Motor Co., auto bldrs., Detroit, Mich.
Way, C. W., Co., architects, Hastings, Neb.
Way, Michael, contractor, Springfield, Mass.
Way, S. Harry, htg. contr., 12 Clay, Baltimore, Md.
Wayland Canning Co., Wayland, N. Y.
Wayland & Fennell, architects, Boise, Idaho.
Wayland, Harry C., architect, 1133 B'way, New York.
Waymart Knitting Mill, sweaters, Waymart, Pa.
Waymoth, A. D., & Co., machsts., Fitchburg, Mass.
Wayne Agricultural Wks., Goldsboro, N. C.
Wayne Brass Foundry Co., 4635 Butter, Pittsburgh, Pa.
Wayne Canning Co., Wayne, Mich.
Wayne County Canning Co., Ltd., Marion, N. Y.
Wayne Cut Glass Co., Towanda, Pa.
Wayne Iron Wks., Commercial Trust Bldg., Phila., Pa.
Wayne Junction Metal Cornice Co., 4545 Wayne, Gtn., Phila., Pa.
Wayne Lbr. Co., 110 W. 40th, New York.
Wayne Machy. Co., Ft. Wayne, Ind.
Wayne Mfg. Co., ash sieves, 2009 N. Croskey, Phila., Pa.
Wayne Mfg. Co., clothes washing machs., 124 Sidney, St. Louis, Mo.
Wayne Mfg. Co., flexible steel mats, Newark, N. J.
Wayne Oil Tank & Pump Co., Fort Wayne, Ind.
Wayne Paper Goods Co., paper cups & towels, Ft. Wayne, Ind.
Wayne Scrap Iron & Metal Co., 119 Campbell av, Detroit, Mich.
Wayne Soap Co., soap powders, Copeland & M. C. R. R. Co., Detroit, Mich.
Wayne Spoke & Bending Co., Ft. Wayne, Ind.
Wayne Works, agricultural implements & auto bldrs., Richmond, Ind.
Waynesboro Brick & Supply Co., Waynesboro, Pa.
Waynesboro Foundry & Machine Co., fndry., Waynesboro, Pa.
Waynesboro Milling Co., flour, Waynesboro, Va.
Waynesburg Brick & Stone Co., Waynesburg, Pa.
Waynesburg Carriage Co., Waynesburg, Ohio.
Waynesburg Pressed Steel Co., shovel, spade mfrs., Waynesburg, Pa.
Waynesfield Drain Tile Co., Waynesfield, Ohio.
Waynesville Canning Co., Waynesville, Ohio.
Wayte, W. J., Inc., cream separators, hydro-extractors, etc., 1 Liberty, New York.
Weaber, Adam, & Son, brass fndrs., Vineland, N. J.
Wead, Frederick W., architect, Fremont Bldg., Boston, Mass.
Weakley, Frank M., Seymour, Conn.
Weakley, Raymond D., architects, Cent. Nat. Bank Bldg., St. Louis, Mo.
Weakley-Watson-Miller Hardware Co., Brownwood, Tex.
Weaks Supply Co., machsts. & fndrs.—mill & facty supplies, Monroe, La.
Wear, Frank M., htg. contr., 206 E. 29th, New York.
Wear-Proof Mat Co., 500 S. Peoria, Peoria, Ill.
Wearcrete Engineering Co., concrete hardener & mastic floors, Peoples' Gas Bldg., Chicago, Ill.
Weare, Samuel W., machsts. & fndrs., Salisbury, Mass.
Wearn, J. H., & Co., masons' & bldrs.' matls., Charlotte, N. C.
Wearne Bros., machsts. & fndrs., Omaha, Neb.
Weart & Lysaght Co., masons' & bldrs.' matls., Cherokee, Ia.
Weary & Alford Co., bank fixtures, 1907 Michigan av, Chicago, Ill.
Weary & Beck, mosaics, 1907 S. Michigan av, Chicago, Ill.
Weary, Chas. A., architect, 167 W. Washington, Chicago, Ill.
Weary, F. O., architect, E. Market, Akron, Ohio.
Weathered Co., horticultural arches, Orient & West End avs, Jersey City, N. J.
Weatherford Machy. & fdry. Co., Weatherford, Tex.
Weatherford Milling Co., flour, Weatherford, Okla.
Weatherhead, Thompson & Co., textile machy., Pawtucket, R. I.
Weatherhogg, Chas. R., architect, Hamilton Nat'l Bk. Bldg., Fort Wayne, Ind.
Weatherholt, Marion, ties, Cloverport, Ky.
Weatherly Co., bk. railings, cornices, htg. contrs., etc., Grand Rapids, Mich.
Weatherly Fdry. & Mach. Co., Weatherly, Pa.
Weatherproof Calking Co., calking putty & paste, Minneapolis, Minn.
Weather-Proof Watering Trough & Tank Mfg. Co., Burlington, Iowa.
Weatherproofing Nail Co., nail mfrs., 451 North, Baltimore, Md.
Weathers, L. M., Co., architects, Randolph Bldg., Memphis, Tenn.
Weathers, P. H., architect, 605½ N. California av, Oklahoma, Okla.
Weathers Poke Co., Windsor, Mo.
Weatherwax, Harry, & Son, architects, North Yakima, Wash.
Weaver, A. E., architect, Penobscot Bldg., Detroit, Mich.
Weaver Bros., lumber mfrs., Shreveport, La.
Weaver Bros., masons' & bldrs.' matls., Galion, Ohio.
Weaver Bros., Co., masons' & bldrs.' matls., Crestline, Ohio.
Weaver Building & Supply Co., contrs., Hudson, N. Y.
Weaver, C. B., Constr. Co., 405 S. Hill, Los Angeles, Cal.
Weaver, C. C., contractor, Sharon, Pa.
Weaver, C. J., architect, Sharon, Pa.
Weaver, Calvin, contractor, Mechanicsburg, Pa.
Weaver & Co., machsts. & fndrs., New Oxford, Pa.
Weaver Contr. Co., Allentown, Pa.
Weaver, E. B., architect, 500 26th, San Diego, Cal.

Weaver, H. T., architect, Honesdale, Pa.
Weaver Hdwe. Co., 31 Main, E. Rochester, N. Y.
Weaver, Ira B., flour mills, Gloucester, Va.
Weaver, Jos. & Son, ship bldrs., Orange, Tex.
Weaver-Loughridge Lumber Co., Boyd, Fla.
Weaver Mailing Envelope & Box Co., 343 S. 3d, Phila, Pa.
Weaver Mfg. Co., machst., Springfield, Ill.
Weaver, Morve L., architect, Visalia, Cal.
Weaver Piano Co., York, Pa.
Weaver Pottery Co., Catlettsburg, Ky.
Weaver Specialty Co., soldering flux, 6344 Aurelia, Pittsburgh, Pa.
Weaver & Sterry (Ltd.), mill soaps, powdered licorice, 79 Pine, New York.
Weaver & Stewart, architects & contractors, 222 Market, Harrisburg, Pa.
Weaver, Thomas L. S., architect, Newport, R. I.
Weaver's, Geo. F., Sons Co., brick, Utica, N. Y.
Webb, A. L., & Sons, alcohol, oils, 115 E. Lombard, Baltimore, Md.
Webb, A., & Son, canned goods, Vienna, Md.
Webb-Baxter Co., machine knives, Anderson, Ind.
Webb & Bellamy Casserole Co., 337 River, Chicago, Ill.
Webb Bros. Belting Co., 1304 Union av, Kansas City, Mo.
Webb Bros. Co., masons' & bldrs.' matls., Sioux City, Ia.
Webb, C. E., machst. & fndr., Fulton, Ky.
Webb, C. Edgar, architect, 237 R. J. av, N. W., Washington, D. C.
Webb, Chas. J., & Co., wool & cotton waste, 116 Chestnut, Phila., Pa.
Webb City & Carterville Fdry. & Mach. Wks., Webb City, Mo.
Webb, David R., Co., veneer mfrs., Edinburg, Ind.
Webb, Elisha & Son Co., steam fitters' supplies, 136 S. Front, Phila., Pa.
Webb, F. P., & F. J., granite, Swanville, Me.
Webb, F. W. Mfg. Co., plumbers' supplies—jobbers, 56 Elm, Boston, Mass.
Webb Folding Box Co., Bogota, N. J.
Webb Granite & Const. Co., crushed stone, Marlborough, N. H.
Webb, Gregory B., architect, 104 W. 42d, New York.
Webb, H. C., canned goods, Stewartsville, Va.
Webb, H. F., Co., canned goods, Portland, Me.
Webb Hinge Belt Hook Co., Boonton, N. J.
Webb, J. Beavor, naval architect, 27 Cedar, New York.
Webb, J. F., machy., Davenport, Ia.
Webb. J. W., carriages, Plymouth, Ohio.
Webb. Jas. A., & Son, alcohol, 50 Stone, New York.
Webb-Jensen-Davis Co., printing inks, 597 Sackett, Brooklyn, N. Y.
Webb-Kunze Constr. Co., 5927 Fyler av, St. Louis, Mo.
Webb Mfg. Co., curtain poles, Brookville, Pa.
Webb Mfg. Co., wire belts, polishing apparatus, shafts, etc., Ft. Center, Newark, N. J. *See adv index at end of book.*
Webb, Marshall H., architect, Honolulu, Hawaii.
Webb, Oliver W., architect, 723 3d, Milwaukee, Wis.
Webb & Perry, tin plate, metals, etc., Austin, Tex.
Webb Pink Granite Co., Milford, Mass.
Webb Press Co., Ltd., machsts., Minden, La.
Webb, T. A. W., & Son, woolen blankets, Allensville, Pa.
Webb, W. H., canned goods, Bloomingdale, Ind.
Webb, Wm., lumber, Mud Lick, Ky.
Webb Wire Wks., New Brunswick, N. J.
Webber Co., contractors, 1609 W. 25th, Cleveland, Ohio.
Webber Const. Co., 29 W. 34th, New York.
Webber, Frank J., contrs., Decatur, Ill.
Webber, Fred, architect, Morris Bldg., Phila., Pa.
Webber, Geo. F., knitted gloves, Detroit, Mich.
Webber Iron Works, Birmingham, Ala.
Webber, J. A., machst., 368 E. Washington, Portland, Ore.
Webber Lbr. & Supply Co., Fitchburg, Mass.
Webber, Peter J., architect, 343 S. Dearborn, Chicago, Ill.
Webber, Richard, meat packer, 2191 3d av, New York.
Webber, Walter, architect, Ferguson Bldg., Los Angeles, Cal.
Webendorfer, H., silk fringes, tassels, 338 E. 103d, New York.
Weber, A., & Co., canned goods, 1941 O'Fallon, St. Louis, Mo.
Weber, A., Co., wholesale hardware, Keokuk, Ia.
Weber, A. S., contractor, Erie, Pa.
Weber, Alfred P., architect, Conway Bldg., Chicago, Ill.
Weber-Bahnemann Co., plate glass, Racine, Wis.
Weber Battery Co., 3306 W. Jackson blvd, Chicago, Ill.
Weber Brass Co., shade holders, Whitney Power blk., Cleveland, Ohio.
Weber Bros. Metal Wks., machsts., 108 N. Jefferson, Chicago, Ill.
Weber, C. C., & E. A., architects, Nt'l Bk. Bldg., Cincinnati, Ohio.
Weber, C. F. & Co., school furniture, 365 Market, San Francisco, Cal.
Weber, C. H., linoleum mfr., 45 E. 17th, New York.
Weber, C. S., & Co., plate glass, 8 Desbrosses, New York.
Weber Carriage Co., Southwest Bldg., Kansas City, Mo.
Weber, Chas., wood handles, 234 Ionic, Phila., Pa.
Weber Chimney Co., concrete chimneys, 1454 McCormick Bldg., Chicago, Ill.
Weber & Damme Wagon Co., 1621 B'way, St. Louis, Mo.
Weber Dental Mfg. Co., fountain cuspidors, Canton, Ill.
Weber Elec. Co., rosettes, sockets, switches, etc., 80 Boylston, Boston, Mass.
Weber Elec. Co., switch bases, Schenectady, N. Y.
Weber-Erickson-Bunting Co., stamps & stencils, 221 Diamond, Pittsburgh, Pa.
Weber, F., & Co., engineers & draftsmen supplies, 1125 Chestnut, Phila., Pa.; also St. Louis, Mo., & Baltimore, Md. *See adv index at end of book.*
Weber, Fred, & A. Co., sash, door & blind mfrs., 4012 Cherry Cum'ville, Cincinnati, Ohio.
Weber, Fred P., architect, Commercial Bldg., Louisville, Ky.
Weber, Henry C., contractor, Bay City, Mich.
Weber, Henry C., Co., whol. hdwe., 230 Woodward av., Detroit, Mich.
Weber Illuminating Sign Co., Reading, Pa.
Weber, J. F., & Co., lumber, 304 Gratiot av, Detroit, Mich.
Weber, J. J., flour mills, Ashville, Pa.
Weber, John R., architect, Ft. Thomas, Ky.
Weber, Jos., architect, 411 Spring, West Hoboken & Guttenberg, N. J.
Weber, Kirch Mfg. Co., cream separators, Keokuk, Iowa.
Weber, Knapp Co., cabinet hardware mfrs., Jamestown, N. Y.
Weber-Knapp Co., shaving mirrors, Jamestown, Pa.
Weber, Lind Co., decorators & painters, 1011 Chester av, Cleveland, Ohio.
Weber & Litten, mfr's. agents (bldg), Mfrs. Bldg., Pitts'g, Pa.
Weber, Lothar C., chemist, 729 Boylston, Boston, Mass.
Weber, Louis, Bldg. Co., 171 Madison, New York.
Weber, M., Co., auto. wood bodies, Dayton, Ohio.
Weber Mfg. Co., agricultural implements, Rockton, Ill.
Weber Mfg. Co., floor scrapers, West Allis, Wis.
Weber, O. B., cornices & skylights, Mattoon, Ill.
Weber, Oliver M., Co., sash, door & blind, North Wales, Pa.
Weber, Philip H., Co., shock absorbers, Hoopeston, Ill.
Weber Piano Co., 29 W. 42d, New York.
Weber Planing Mill Co., Strasburg, O.
Weber, Simon, & Son, scrap iron & steel, Louisville, Ky.
Weber & Sons, pianos, 1256 Wellington av, Chicago, Ill.
Weber & Sons, Button Co., Muscatine, Ia.
Weber & Stulen, architects, Renshaw Bldg., Pittsburgh, Pa.
Weber Subterranean Pump Co., water supply systems, 50 E. 42d, New York.
Weber's, Jacob V., Sons, archl. iron, 308 E. 26th, New York.
Weborg Bros., Spring Bed Co., Jamestown, N. Y.
Webster-Butterfield Co., canned goods, 2219 Boston, Balto., Md.
Webster, C. D., Oil Co., Coalton, Okla.
Webster Canning & Preserving Co., Webster, N. Y.
Webster, Chas., Woods, architect, Cutting Bldg., Joliet, Ill.
Webster Chemical Co., inc. lamp coloring, St. Paul, Minn.
Webster, Co., canned goods, East New Market, Md.
Webster Co., silver novelties—sewing thimbles, etc., North Attleboro, Mass.
Webster County Canning Co., Marshfield, Mo.
Webster Electric Co., magnetos, Racine, Wis.
Webster, F. I., mill & facty. sup., Turners Falls, Mass.
Webster, F. S., Co., carbon papers, pencil sharpeners, etc., 340 Congregational, Boston, Mass.
Webster & Ford, architects, Lyon Bldg., Seattle, Wash.
Webster, Frank L., & Son, machinists, Cherokee, Kan.
Webster, Fred'k, contractor, 220 Broadway, New York.
Webster, Frederick L., canned goods, Adams, N. Y.
Webster, Geo., & Sons, lbr., Swanton, Vt.
Webster, H. P., & Sons, masons' & bldrs.' matls., Eaton Rapids, Mich.
Webster, James, architect, Dubuque, Iowa.
Webster & Keyser, brick, 30th & Tasker, Phila., Pa.
Webster Loom Harness Co., tex. machy. sup., Fall River, Mass.
Webster, Louis C., & Son, contractors, 19 Liberty, New York.
Webster Lbr. Co., Lumber Exchange, Minneapolis, Minn.
Webster Mfg. Co., chairs, Superior, Wis.
Webster Mfg. Co., conveying & machinery, Tiffin, Ohio.
Webster Mill Co., flour, Webster, S. D.
Webster, N., canned goods, Cambridge, Md.
Webster & Perks Tool Co., machine tools, bolt & nut machinery, etc., Springfield, Ohio.
Webster Piano Co., Leominster, Mass.
Webster, R., canned goods, Hurlock, Md.
Webster Refining Co., petroleum, Jennings, La.
Webster, S. L., & Son, fertilizer mfrs., Cambridge, Md.
Webster Sand, Gravel & Const. Co., Lanesville, La.
Webster Stone Co., Irvington, Ky.
Webster, W., & Co., canned goods, Vienna, Md.
Webster, W. F., Cement Co., Cambridge, Mass.
Webster, Warren & Co., heating contractors, Camden, N. J.
Wechsler, Louis, contractor, 133 Broadway, New York.
Weck, Edw., & Son, safety razor mfrs., 148 Fulton, New York.
Wecker & Co., mattresses, 1437 Milwaukee av, Chicago, Ill.
Wedell & Boers, trunks & tool chests, mfrs., 157 Jefferson av, Detroit, Mich.
Wedemeyer, Wm., architects, Wainwright Bldg., St. Louis, Mo.
Weder Mfg. Co., surgical & dental instruments, Germantown & Stenton, Philadelphia, Pa.
Wedge Mechanical Furnace Co., Greenwich Point, Phila., Pa.
Wedmore, D. A., & Co., fruit pickers, wire goods, Camden, N. J.
Wedron Silica Co., Ottawa, Ill.
Wedron White Sand Co., Wedron, Ill.
Weeber, C. F., Mfg. Wks., pullers, tools, etc., Albany, N. Y.
Weed & Co., mill & facty. supplies, whol. hdwe., 35 Swan, Buffalo, N. Y.
Weed & Co., mill & facty. supplies, whol. hdwe., 13 Exchange, Rochester, N. Y.

Weed & Duryea Co., masons' & bldrs.' matls., New Canaan, Conn.
Weed, F. A., Hardware Co., Potsdam, N. Y.
Weed, J. D., & Co., mill, facty. & plumbers' supplies, jobbers, whol. hdwe., Savannah, Ga.
Weed, Lewis M., Co., Inc., sporting gds., Binghamton, N. Y.
Weed Lumber Co., Weed, Cal.
Weed, W. H., mill & facty. supplies, Vincennes, Ind.
Weeden Mfg. Co., iron toys, New Bedford, Mass.
Weeder, F., Ellsworth, glass stainer, 34 S. 16th, Phila., Pa.
Weedle, A. L., lbr., Sweet Home, Ore.
Weehawken Dry Dock Co., Weehawken, N. J.
Weehawken Tungsten Lamp Co., 550 Gregory av, Weehawken, N. J.
Week, John, Lumber Co., Stevens Point, Wis.
Weekes, John, & Son Co., mill, facty. & plumbers' supplies, Watertown, N. Y.
Weeks, A. T., canned goods, Roanoke, Va.
Weeks, Arthur J., stoneware, tanks, chemical, Akron, Ohio.
Weeks, Chas. Peter, architect, Mutual Bk. Bldg., San Francisco, Cal.
Weeks, D. C., & Co., contractor, 1123 Broadway, New York.
Weeks, Frank A., Mfg. Co., stationery supp., 93 John, New York.
Weeks, Geo. S., masons' & bldrs.' matls., West Winfield, N. Y.
Weeks, H. Hobart, architect, 425 5th av, New York.
Weeks-Hoffman Co., machsts.' mallets, Syracuse, N. Y.
Weeks, J. S., & Sons, turpentine, Sagano, Fla.
Weeks, Jas. H., lbr., Belmont, N. H.
Weeks, Louis S., architect, 101 Park av, New York.
Weeks Mfg. Co., lantern slides, 181 Tremont, Boston, Mass.
Weeks, Nelson, shades, 226 Pacific, Brooklyn, N. Y.
Weeks, O. B., architect, Carson, Iowa.
Weeks, P. L., & Co., turpentine, Enville, Fla.
Weeks, R. E., Co., plumbers' & steam fitters' supplies (jobbers), whol. hdwe., Scranton, Pa.
Weeks Scale Wks., Mt. Jewett, Pa.
Weeks, Theo., sash, door & blind, Kingston, N. Y.
Weeks & Voss, contractors, 317½ S. 12th, Omaha, Neb.
Weeks, Wm. C., achitect, Sheboygan, Wis.
Weeks, Wm. H., architect, 75 Post, San Francisco, Cal.
Weemhoff, Harvey H., architect, Murray Bldg., Grand Rapids, Mich.
Weems, A. W., bedstead mfrs., 331 N. Howard, Baltimore, Md.
Wees, J. L., architect, Commercial Bldg., St. Louis, Mo.
Wege, E., Concrete Machy. Co., La Crosse, Wis.
Wege Marble & Tile Co., Central Nat'l Bank Bldg., Columbus, O.
Wegenaar, G. A., Mfg. Wks., advtg. spec., 154 Nassau, New York .
Wegenaar, John L., Co., granite prod., 299 B'way, New York.
Wegman, Wm. J., Co., mattresses, Rochester, N. Y.
Wegner Bros. Co., htg. contrs., 227 5th, Milwaukee, Wis.
Wegner, J. F., & Co., wholesale hardware, Fond du Lac, Wis.
Wegner Mach. Co., Buffalo, N. Y.
Wegner Mach. Wks., 63 Mills, Long Island City, New York.
Wehking, Chas., contractor, 147 E. Market, Indianapolis, Ind.
Wehmeyer, Harry H., contractor, 1004 Lehigh av, Phila., Pa.
Wehner, Jos., contractor, 119 Zeigler, Dayton, Ohio.
Wehr Steel Co., 45th & Gordon av, Milwaukee, Wis.
Wehr Steel Co., steel castings, West Allis, Wis.
Wehrle Bros., machsts., Newark, Ohio.
Wehrle Co., stove mfrs., Newark, Ohio.
Wehrlin, Edw., architect, 309 B'way, New York.
Wehrman, Wm., cornices & skylights, St. Joseph, Mo.
Weibel, G., Roofing & Cornice Wks., Seattle, Wash.
Weiblen, A., Marble & Granite Co., City Park av & St. Louis, New Orleans, La.
Weibley, Wm. F., architect, Burlington, Ia.
Weicht, Adolph, & Sons, buttons, 730 R., Sun., Phila., Pa.
Weicht, H. B., coffins, etc., Angola, Ind.
Weick, Martin Co., trunk mfrs., 1623 S. Ashland, Chicago, Ill.
Weider, John A., horse collars, Rochester, N. Y.
Weidig Foundry Co., stove mfrs., Zanesville, Ohio.
Weidlich Bros. Mfg. Co., machsts., Bridgeport, Conn.
Weidlich Sterling Spoon Co., table silverware, Bridgeport, Conn.
Weidman, Augustus, fertilizer mfr., Hagerstown, Ind.
Weidman Bros., architects, Marysville, Ohio.
Weidman-Fisher Co., cigar boxes, Tampa, Fla.
Weidman, John H., contractor, Union Bldg., Syracuse, N. Y.
Weidman & Son, Co., lbr., Trout Creek, Mich.
Weidner, C. A., Co., machsts., Rochester, N. Y.
Weier Bros., scrap iron, Sandusky, Ohio.
Weigel, Geo. G., advtg. nov., 1501 S. Kedzie av, Chicago, Ill.
Weigel, John, Co., cornices, 664 E. McMillan, Cincinnati, Ohio.
Weigel, Phillip, Jr., mill & facty. supplies—whol. hdwe., New Brunswick, N. J.
Weigel, S. J., architect, Central Bk. Bldg., Memphis, Tenn.
Weigell A., & Son, mattresses, 320 Broadway, Milwaukee, Wis.
Weigelt Glass & Mirror Co., 617 S. 6th, St. Louis, Mo.
Weigle Riveted Steel Pipe Wks., Denver, Colo.
Weigle, Wm. A., Steel Pipe Wks., steel tanks, Denver, Colo.
Weihaupt Iron Wks., 1232 S. Western av, Chicago, Ill.
Weihe, W. O., masons'-& bldrs.' matls., Nashville, Ill.
Weiher, Lorenz F. J., architect, 271 W. 125th, New York.
Weil Bros., plumbers' supplies—jobbers, 651 W. Lake, Chicago, Ill.
Weil, Emile, architect, Whitney-Central Bldg., New Orleans, La.
Weil-Gutmann Supply Co., mill & facty. supplies, 214 S. Peters, New Orleans, La.
Weil, J. H., & Co., architects' & engnrs.' instruments & supplies, 1300 Arch, Phila., Pa.
Weil Packing Co., meat packers, Little Rock, Ark.
Weiland, Chas., whol. hdwe., 149 Chambers, New York.
Weiland, Edw. A., concrete steel construction, Clark & Independence, Cleveland, Ohio.
Weil's, Morris, Sons, scrap iron & steel, etc., 837 N. 3d, Phila., Pa.
Weiman, C. J., & Co., machsts., Dayton, Ohio.
Weimar Bros., tapes, braids & cords, 2046 Amber, Phila., Pa.
Weimber, Abe, brooders & incubators, Ligonier, Ind.
Weimer, C. A., ventilator mfrs., Lorain, Ohio.
Weimer Chain & Iron Co., Lebanon, Pa.
Weimer Mach. Wks. Co., Lebanon, Pa.
Weinberg, C., & Co., silk fringes, 27 W. 23d, New York.
Weinberg, J. H., & Co., lubrg. oils & greases, 198 Broadway, New York.
Weinberg & Lewis, architects, 540 Hastings, Detroit, Mich.
Weingarten & Geberer, traveling bags, 90 Grand, New York.
Weingartner's, Jos., Sons, lumber, Newport, Ky.
Weinhagen, H., thermometers, syringes, etc., 159 Leonard, New York.
Weinman, C. J., Co., special machy.; machine tools, etc., 310 E. 2d, Dayton, Ohio.
Weinman, L. B., architect, 711 Main, Fort Worth, Tex.
Weinman Pump Mfg. Co., 300 Spruce, Columbus, Ohio.
Weinmann, C. F., cornices & skylights, Atchison, Kans.
Weinrichter, R. M., architect, Cutler Bldg., Rochester, N. Y.
Weinschenk, Arthur A., architect, 314 Adams av, Scranton, Pa.
Weinstein, Jacob, architect, 6 Church, New Haven, Conn.
Weinstein, Sam'l, sash, door & blind mfrs., 100 Richardson, B'klyn, N. Y.
Weinstock & Cohn, cornices, 170 E. 32d, New York.
Weinstock, Nichols & Co., auto. accessories, whol., Broadway, Oakland, Cal.
Weintraub Brass Mfg. Co., electric portables, 142 W. 14th, New York .
Weintraub, Jos., trunk mfrs., 1037 S. 4th, Philadelphia, Pa.
Weinz Trimming Co., silk tassels, 68 Chauncy, Boston, Mass.
Weir Canning Co., Toledo, Ia.
Weir, Collins B., architect, Morristown, N. J.
Weir & Craig Mfg. Co., mill, facty. & plumbers' supplies—jobbers, 2421 Wallace, Chicago, Ill.
Weir Frog Co., Cincinnati, Ohio.
Weir, R. W., Lumber Co., Houston, Tex.
Weir Stove Co., Taunton, Mass.
Weirick, T. H., Fixture Co., Omaha, Neb.
Weis, F. W., cornices & skylights, Lexington, Mo.
Weis, Hy., Cornice Co., 4124 E. 12th, Kansas City, Mo.
Weis & Jennett Marble Co., 3011 Missouri, St. Louis, Mo.
Weis & Lesh Mfg. Co., wagon spokes, wood skewers, Muncie, Ind., & Delhi, La.
Weis Mfg. Co., filing cabinets & devices & book cases, Monroe, Mich.
Weis, Max H., architect, Park Bldg., Cleveland, Ohio.
Weis Paper Mill Co., Quincy, Ill.
Weis-Peterson Box Co., lumber, Cairo, Ill.
Weis, S. H., architect, Schofield Bldg., Cleveland, O.
Weis & Schmidt Pottery Co., 3102 Cherry, Milwaukee, Wis.
Weisbard, C. C., sashes, doors & blinds, Cedar Falls, Ia.
Weisbecker, Chas., meat packer, 268 W. 125th, New York.
Weisbecker, Francis A., & Sons, polish'g mach'y, 22 Frost, B'klyn, N. Y.
Weisberg, Baer, Co., sash, door & blind mfrs., Blvd, Long Island City, N. Y.
Weisberg, Max, mattresses, 375 Pacific, Brooklyn, N. Y.
Weiscopf, L., Co., machy. dlr., 30 Church, New York.
Weise, "Nborn" Ralph, architect, 645 N. Howard, Akron, O.
Weisel, Harvey H., machsts., Milford Square, Pa.
Weisel, Milton T., carriages, Perkasie, Pa.
Weisenborn Elec. Co., storage batteries, Dayton, O.
Weiser, Arthur, architect, 271 W. 125th, New York.
Weiser Fdry. & Machy. Co., Weiser, Idaho.
Weiser, H. M., flour, Hamilton, Tex.
Weisfeld Bros., sash, door & blind mfrs., 7 McKibbin, B'klyn, N. Y.
Weisgerber & Ebeling Machine Co., Wheeling, W. Va.
Weisglass, S., & Co., bedstead mfrs., 13 Montauk av, Brooklyn, New York.
Weiskittel, A., & Son Co., stoves, 12th & E. Lombard, Baltimore, Md.
Weiskopf, Abraham, thermometers, pyrometers, 16 S. Clinton, Chicago, Ill.
Weismann, L. M., & Son, architects, Pacific Bldg., San Francisco, Cal.
Weiss, Albert A., & Co., thermometers & hydrometers, 572 Gates av, B'klyn, N. Y.
Weiss, Chas. & Son, carriage fasteners, 4715 Cottage Grove av, Chicago, Ill.
Weiss & Co., who. hdwe., Freeport, Ill.
Weiss & Fritts, carriages, Frenchtown, N. J.
Weiss, H., & Co., sheet metal wkrs., machin. & Supplies, 83 John, New York.
Weiss, J., sweaters, 48 Mangin, New York.
Weiss & Klau Co., window shade mfrs., 462 B'way, New York.

Weiss, L. T., razor guards, 286 Taaffe pl., Brooklyn, N. Y.
Weiss, Leon C., architect, Maison Blanche Bldg., New Orleans, La.
Weiss, Otto, Milling Co., alfalfa meal, Wichita, Kansas.
Weiss Polish Wks., carriage dressing, 216 S. Winchester av, Chicago, Ill.
Weissberg, Chas., Plumbing Supply Co., 158 Stanton, New York.
Weissbrod, Emil & Sons, advtg. nov. & specialties, Greenfield, Mass.
Weissenberger, Geo. K., cornices, 4011 Sp. Grove av, Cum., Cincinnati, Ohio.
Weissenberger, W., Jr., architect, 32 Union sq., New York.
Weissinger, Geo., & Bro., meat packers, Pottsville, Pa.
Weitzel Lbr. Co., Sedgeley & Gtn. avs, Phila., Pa.
Weitzel, M. B., second hand bags, Lititz, Pa.
Weitzenfeld, J. J., architect, Easton, Pa.
Weitzenfeld, Jacob, architect, 528 N. 4th, Phila., Pa.
Welch, A. P., Co., turkish towels, Glen Riddle, Pa.
Welch, Alex. McM., architect, 11 E. 42d, New York.
Welch-Bright Co., fire brick, Monaca, Pa.
Welch Bros. Apple Co., canned goods, Burlington, Vt.
Welch Construction Co., Joliet, Ill.
Welch, E. B., Co., mattresses, El Paso, Tex.
Welch, E. J., & Co., brass fndrs., Fitchburg, Mass.
Welch, E. J., Fdry. Co., 24th & Wallace, Chicago, Ill.
Welch Fertilizer Co., Columbus, Ohio.
Welch, Holme & Clark Co., oils, potash, etc., 383 West, New York.
Welch, J. H., & Sons, cornices, Ft. Wayne, Ind.
Welch, Jas. J., contractor, Salem, Mass.
Welch, John, & Sons, bldg. contrs., Somerville, Mass.
Welch Mfg. Co., clothing cabinets, Grand Rapids, Mich.
Welch, Mary E., & Co., canned goods, Thaxton, Va.
Welch, P., & Co., contractors, Spokane, Wash.
Welch, S. J., architect, Pensacola, Fla.
Welch Stove & Heating Co., cooperage stack, Monterey, Tenn.
Welch & Suthergreen Co., trunks, Fitchburg, Mass.
Welch, T. F., Co., gears, nuts, screws, etc., 55 Sudbury, Boston, Mass.
Welch-Todd Lumber Co., Ocala, Fla.
Welch, U. S., flour, Terra Alta, W. Va.
Welch Wholesale Hardware Co., Clinton, Okla.
Welchans, A. C., mchsts. & fdrs., Lancaster, Pa.
Weld Bobbin & Spool Co., 42 Island, Lawrence, Mass.
Weld, Geo. A., Co., heaters, regulators, etc., 79 Milk, Boston, Mass.
Weldarine Mfg. Co., compounds, Topeka, Kans.
Welded Steel Barrel Corp., barrels, tanks, etc., Hart av & Charlevoix, Detroit, Mich.
Weldex Co., stock fountains, Richmond, Ind.
Weldex Mfg. Co., hog oilers, Richmond, Ind.
Welding Material Co., 114 Liberty, New York.
Weldless Chain Co., hame fasteners, Bridgeport, Conn.
Weldner, Jacob K., machsts., Salfordville, Pa.
Weldon Brick & Land Improvement Co., Weldon, N. C.
Weldon, C. J., carriages, Rockford, Ill.
Weldon Contr. Co., Rahway, N. J.
Weldon, Geo., contractor, Mount Vernon, N. Y.
Weldon, S. A., & Son, mill & facty. supplies, Bristol, Conn.
Weldon Stove Co., Weldon, Ark.
Weldum Products Co., welding compound, Indianapolis, Ind.
Weler, H. P., Supply Co., hdwe., mill & facty supplies, Erie, Pa.
Welin Marine Equipment Co., boats, etc., 305 Vernon av, Long Island City, N. Y.
Welitoff, N., architect, 20 Clinton, Newark, N. J.
Welker, L. G., architect, The Spitzer, Toledo, O.
Welker Supply Co., plumbers' supplies (jobbers), 6504 Carnegie av, S. E., Cleveland, O.
Welks Hardware Co., Scranton, Pa.
Well Bros., loose leaf devices, 641 W. Lake, Chicago, Ill.
Well, N., & Sons, gin distillers, Paducah, Ky.
Welland Co., carriages, 2414 Gilbert av, Cincinnati, Ohio.
Wellen M., & Son, trunk mfrs., 83 Wooster, New York.
Weller Bro., machsts. & fndrs., Charlestown, W. Va.
Weller & Co., scrap iron & steel, Birmingham, Ala.
Weller Engng. Co., machsts., Elyria, Ohio.
Weller Hdwe. & Fdry. Co., Horseheads, N. Y.
Weller, J. A., & Sons, steam fitters' supplies, Emlenton, Pa.
Weller, J., Co., canned goods, Oak Harbor, Ohio.
Weller, John W., lumber, East Fultonham, Ohio.
Weller, M. D., archl. iron, Pottstown, Pa.
Weller Mfg. Co., mill & facty. supplies, 1856 N. Kostner av, Chicago, Ill.
Weller, Michael A., contractor, 816 14th, N. W., Washington, D. C.
Weller Pattern Co., Quincy, Ill.
Weller, S. A., crockery, Zanesville, Ohio.
Weller, W. A., contractor, Olympia, Wash.
Weller's, Hiram, Sons Co., motor boat bldrs., Trenton, N. J.
Welles, M. H., & G. H. Lbr. Co., Wyalusing, Pa.
Wellhener, Wm., Htg. & Sheet Metal Co., cornices, Springfield, Mo.
Welling, A. H., machsts. & fndrs., Niles, Mich.
Wellington Brick Co., Millers Field, Richmond, Va.
Wellington & Co., steam htg. contrs., Riparian av, Bridgeport, Conn.
Wellington Glass Co., Cumberland, Md.
Wellington Mach. Co., brick mould sanding machines, Wellington, Ohio.
Wellington Milling Co., mill feed, Anderson, Ind.
Wellington Milling & Elevator Co., Wellington, Kan.
Wellington Piano Case Co., Leominster, Mass.
Wellington, Sears & Co., cotton duck, 93 Franklin, Boston, Mass.
Welliver, W. H., contrs., Elmira, N. Y.
Welliver, W. W., masons' & bldrs.' matls., whol. hdwe., Danville, Pa.
Wellman, B., & Co., chemicals, 132 Pearl, New York.
Wellman Bronze Co., castings, 6017 Superior av, Cleveland, O.
Wellman Co., boring bars & tools & sole cutting machy., Medford, Mass.
Wellman Pattern Supply Co., Cleveland, Ohio.
Wellman-Seaver-Morgan Co., coal & ore handling machin., etc., Cleveland, Ohio.
Wellman, Walter, contractor, Schenectady, N. Y.
Wellock, Robinson, sash, door & blind, Harbor Beach, Mich.
Wells-Abbott-Nieman Co., flour, Schuyler, Neb.
Wells, A. H., Co., copper tubing, steam gauge, etc., 563 Watertown rd, Waterbury, Conn.
Wells Arch'l. Iron Co., River av & 151st, New York.
Wells, Arthur T., cornices, Muncie, Ind.
Wells Bros. & Clay, brick, Glendon, Iowa.
Wells Bros. Co., see Greenfield Tap & Die Corporation, Greenfield, Mass.
Wells Bros. Co., contractors, 53 W. Jackson blvd, Chicago, Ill., 907 5th av, New York, & Riggs Bldg., Washington, D. C.
Wells, Carson F., architect, Brigham, Utah.
Wells, Chas. M., architect, Rutledge, Pa.
Wells Chemical Bronze Wks., Worcester, Mass.
Wells, Dalton R., architect, Ford Bldg., Detroit, Mich.
Wells & Dana, architects, 29 Central, Boston, Mass.
Wells, E. D., & Co., mill & facty. supplies, Holyoke, Mass.
Wells, F. C., machsts., 101 S. Clinton, Chicago, Ill.
Wells, F. E., & Son Co., see Greenfield Top & Die Corporation, Greenfield, Mass.
Wells Flour Milling Co., Wells, Minn.
Wells, Frank L., Co., spring bed machy, Kenosha, Wis.
Wells, G. A., contractor, 187 Providence, Worcester, Mass.
Wells, Geo., mach. & fdr., Sedalia, Mo.
Wells, Geo. H., architect, 10 E. 43d, New York, & Elmhurst, N. Y.
Wells, Harry M., boilers, Alexandria, Ind.
Wells-Higham Co., berry boxes, St. Joseph, Mich.
Wells, J. Hollis, architect, 32 Nassau, New York.
Wells, J. W., Brick Co., Chattanooga, Tenn.
Wells, Jas. H., contractor, Heed Bldg., Philadelphia, Pa.
Wells, Jas. M., Co., mortar color mfrs., Ogdensburg, N. Y.
Wells, John C., bench shears, Milwaukee, Wis.
Wells, John W., Lumber Co., Menominee, Mich.
Wells-Lamson Quarry Co., stone producers, Barre, Vt.
Wells, M. J., stone, Ft. Worth, Tex.
Wells, M. L., architect, Wellsburg, W. Va.
Wells & Newton Co., htg. contrs., 292 Av. B, New York.
Wells, R. A., Lbr. Co., 234 S. La Salle, Chicago, Ill.
Wells, R. C., Mfg. Co., electric lighting systems, Fond du Lac, Wis.
Wells, R. H., architect, Kerckhoff Bldg., Los Angeles, Cal.
Wells & Richardson Co., diamond dyes, Burlington, Vt.
Wells & Stump, cornices & skylights, Oskaloosa, Iowa.
Wells, W. A., architect, Hyde Bldg., Spokane, Wash.
Wells, Wm. L., contractor, Atlantic Highlands, N. J.
Wells, Windney, Pierson Co., landscape archs., Springfield, Mass.
Wellston Galv. Iron & Cornice Wks., 6222 Easton av, St. Louis, Mo.
Wellston Iron Furnace Co., Jackson, Ohio.
Wellsville Burial Case Co., coffins, caskets, etc., Wellsville, N. Y.
Wellsville China Co., Wellsville, Ohio.
Wellsville Mfg. Co., fly nets, Wellsville, Pa.
Welsbach Co., mantles, Gloucester City, N. J.
Welsbach Gas Lamp Co., 1008 Filbert, Philadelphia, Pa.
Welsbach Street Lighting Co., 1934 Market, Phila., Pa.
Welsh & Carey, architects, Merchants Nat'l. Bk. Bldg., San Francisco, Cal.
Welsh, Geo., architect, Coal Exch. Bldg., Wilkes Barre, Pa.
Welsh & Grey, Lbr. Corp., Albany, N. Y.
Welsh & Kerry Co., lumber, masons' & bldrs.' matls., Reed City, Mich.
Welsh Mach. Wks., 276 West, New York.
Welsh, P. M., masons' & bldrs.' matls., New Brunswick, N. J.
Welsh, Thos. M., contractor, 758 S. Broad, Philadelphia, Pa.
Welsh, Wm., water filters, 2733 Arbor av, Hyde Pk., Cincinnati, Ohio.
Welshous & Symon, machinists, 3648 18th, San Francisco, Cal.
Welsmore Mfg. Co., Inc., mill cutters & auto parts, 45 E. Fort, Detroit, Mich.
Welson & Roake, heating boilers, etc., 261 Front, New York.
Welt & Perry, harness mfrs., Flint, Mich.
Welte, M., & Sons, musical instruments, 667 5th av, New York.
Welte, M., & Son, piano mfrs., Poughkeepsie, N. Y.
Welton, H. A., mill & facty. supplies, Thomaston, Conn.
Welton, Wm. Leslie, architect, Am. Trust & Savings Bk. Bldg., Birmingham, Ala.
Welty, Wm. A., adding mach. stands & fountain pen mfrs., Waterloo, Ia.

Weltz, Chas., Sons, contractors, Des Moines, Ia.
Weltzen, N. H., contractor, 3225 30th av, S., Minneapolis, Minn.
Wemlinger Steel Piling Co., 149 B'way, New York.
Wenatchee Lumber Co., Wenatchee, Wash.
Wenatchee Milling Co., flour, Wenatchee, Wash.
Wendell & Co., silver nov., 337 W. Madison, Chicago, Ill.
Wendell, Fay, & Co., employees' uniforms, 229 4th av, New York.
Wendell, Michael, contr., Lancaster, N. Y.
Wendell & Robertson, architects, Augusta, Ga.
Wenderoth, J., & Sons, fertilizer mfrs., Camden, N. J.
Wendland, C. F., Eng. & Constr. Co., 63 Wooster, New York.
Wendling, A. F., Co., contractors, Massillon, Ohio.
Wendling, Jos., Art Glass Co., 207 S. B'way, St. Louis, Mo.
Wendling, Nathan, Co., lumber, 110 Market, San Francisco, Cal.
Wendnagel & Co., tanks, 600 W. 22d, Chicago, Ill.
Wendt, Albert H., bolts, chains, etc., 456 E. 2d, Cincinnati, O.
Wendt & Rausch Co., pads & tablets, Toledo, Ohio.
Wendtland, Wm., machst., 51 Mercer, New York.
Weng, L. E., & Son, lumber, Daggett, Mich.
Wenger, Geo., Machy. & Supplies Mfg. Co., St. Louis, Mo.
Wengert Hardware Co., 1221 Grand av, Kansas City, Mo.
Wenig, Julius, architect, 721 10th, N. W., Washington, D. C.
Weniger, H., surgical instruments, 143 Valencia, San Fran., Cal.
Wennemer Constr. Co., 103 Park av, New York.
Wenner, F. L., stone producers, 1335 W. 116th, Cleveland, Ohio.
Wenning, Jno., machst., 225 E. 106th, New York.
Wennonah Cotton Mills, Lexington, N. C.
Wenstrom's, John, Sons, machsts., 623 Bergen, Brooklyn, N. Y.
Wennstrom's, John, Sons Co., dies, drills, gauges, tools, etc., Suffern, N. Y.
Went, C. H., machst., Findlay, Ohio.
Wente Elec. Co., Hamilton, Ohio.
Wentworth Body Co., Boston, Mass.
Wentworth, Fred W., architect, 140 Market, Paterson, N. J.
Wentworth Institute, engng. schools & coll., Boston, Mass.
Wentworth, Lew, lumber, Omaha, Neb.
Wentworth, Walter A., Co., contractors, 15 Exchange, Boston, Mass.
Wentz, O. W., machsts. & fndrs., Warsaw, Ind.
Wenzel, B., Tent & Duck Co., 1036 Paul, St. Louis, Mo.
Wenzel, F. M., Sheet Metal Co., cornices, Joplin, Mo.
Wenzel, W. K., architect, 1 Montgomery, Jersey City, N. J.
Wenzell, S. S., Machine Co., bottle working machy., 50th & Parkside av, Phila., Pa.
Wenzelman, G., presses, baling, Galesburg, Ill.
Wenzelman, Gustave, pianos, Galesburg, Ill.
Wenzelman Mfg. Co., machsts. & fndrs., Galesburg, Ill.
Weot Lime & Stone Co., Tiffin, Ohio.
Werby, A., & Co., scrap iron, 287 Atlantic av, Boston, Mass.
Werk, M., Co., soap, Murray rd St. B., Cincinnati, Ohio.
Werk, Robert, & Co., clothes-press, New Orleans, La.
Werking, John E., lbr., Hagerstown, Ind.
Werling, Albert, common brick, Preble, Ind.
Werner & Adkins, architects, Mer. Library Bldg., Cincinnati, O.
Werner, Carl, architect, Phelan Bldg., San Francisco, Cal.
Werner, Chas., architect, 316 Flatbush av, Brooklyn, N. Y.
Werner, Geo. P., cornices & skylights, Galveston, Tex.
Werner, Geo., & Sons, auto metal bodies, Buffalo, N. Y.
Werner, John, & Sons, confectioners' machy., Rochester, N. Y.
Werner, Louis, Saw Mill Co., lbr. mfrs., Fullerton Bldg., St. Louis, Mo.
Werner, Louis, Stave Co., Shreveport, La.
Werner & Pfleiderer Co., machy. mfrs., 1232 No. Niagara, Saginaw, Mich.
See adv. index at end of book.
Werner Piano Co., 1325 Milwaukee av, Chicago, Ill.
Werner, Rudolph, architect, 38 S. Ruby, Phila., Pa.
Werner-Service Mfg. Co., pumps, 263 Fairmount av, Jersey City, N. J.
Werner, Washington T., contractor, 879 Sherman blvd, Milwaukee, Wis.
Werner & Windolph, architects, 27 W. 33d, New York.
Werra Aluminum Foundry Co., aluminum castings, Waukesha, Wis.
Wert, C. C., cement block machy., Kendallville, Ind.
Wertenbach, John H., contractor, McKeesport, Pa.
Werthan Bag Co., Nashville, Tenn.
Wertheimer Bros., sweaters, etc., 289 6th av, New York.
Werther, J. E., architect, 371 Lockwood, Brooklyn, N. Y.
Wertley, Walter, Sons, sash, door & blind, Pottsville, Pa.
Wertsch, Wm., Co., carriages, 24 Page, San Francisco, Cal.
Wertz, Geo. W., flour mills, Wernersville, Pa.
Wesche, B. A., Electric Co., electric motors, 327 W. 6th, Cincinnati, Ohio.
Wesche, John A., contractor, 118 N. La Salle, Chicago, Ill.
Wesco Co., contrs., Chattanooga, Tenn.
Wesco Supply Co., mine & ry. supplies (elec.), 7th & Clark, St. Louis, Mo.
Wescott, A. A., & Sons, spindles & flyer mfrs., Hopedale, Mass.
Wesel, F., Mfg. Co., machsts., 70 Cranberry, Brooklyn, N. Y.
Wesel, Geo. F., contractor, Milwaukee & Orion, Pittsburgh, Pa.
Weser Bros., pianos, 524 W. 43d, New York.
Wesle Bros., carriages, Medford, Wis.
Wesley, Chas., Co., laundry tubs, 3126 S. Canal, Chicago, Ill.
Wesley Co., advtg. spec., 730 N. Franklin, Chicago, Ill.
Wesley Mfg. Co., check perforators, 31 Beekman, New York.
Wesley, T. C., & Paul, contractors, Atlanta, Ga.
Wesner-Rast Mfg. Co., mattresses, Cameron, S. C.
Wessbecker & Hillebrand, architects, 19 S. B'way, St. Louis, Mo.
Wessel, Duval & Co., nitrate of soda, 25 Broad, New York.
Wessel, H., brick, Batesville, Ind.
Wessel, Herman, Mfg. Co., mattresses, 616 Main, Cincinnati, O.
Wessel, Richard F., architect, Pittock Bldg., Portland, Ore.
Wessells, W. F., mill & facty. supplies, Peekskill, N. Y.
Wessels, D. D., artificial laundry tubs, 1300 12th, Detroit, Mich.
Wessendorf, Chas., Co., cornices & skylights, Memphis, Tenn.
Wessling Bros. Fndry. Co., Liberty & McLean avs, Cincinnati, O.
Wesson Cotton Oil & Fertz. Co., Wesson, Miss.
West, A. J., Lumber Co., Aberdeen, Wash.
West Allis Iron Wks., West Allis, Milwaukee, Wis.
West, Alonzo A., cornices & skylights, Malden, Mass.
West, Arthur F., contractors, Builders' Exchange, Baltimore, Md.
West Barnstable Brick Co., West Barnstable, Mass.
West Bay City Sugar Co., West Bay City, Mich.
West Bend Aluminum Co., West Bend, Wis.
West Bend Barn Equipment Co., cow watering bowls, cattle stanchions, West Bend, Wis.
West Bend Canning Co., West Bend, Wis.
West Bend Woolen Mills, woolen blankets, West Bend, Wis.
West Bergen Iron Fndry., 21 Pollock av, Jersey City, N. J.
West Boylston Mfg. Co., tire fabrics, Easthampton, Mass.
West Branch Fire Brick Co., Renova, Pa.
West Branch Knitting Co., bathing suit mfrs., Milton, Pa.
West Branch Novelty Co., cedar chests, Milton, Pa.
West Bros., lumber, West Lake, Fla.
West Bros. Brick Co., Nat' Savings & Trust Bldg., Washington, D. C.
West, C., & Co., contractors, Oxford & Wakeling, Phila., Pa.
West, Chas. F., ice creepers, 3861 Lancaster av, Phila., Pa.
West Chester Engine Co., oil engines, West Chester, Pa.
West Chicago Sash & Door Mfg. Co., West Chicago, Ill.
West Claughton, architect, 1416 Chapin, N. W., Washington, D. C.
West Coast Advtg. Co., spec., Aberdeen, Wash.
West Coast Fertilizer Co., Tampa, Fla.
West Coast Gas Engine Co., San Diego, Cal.
West Coast Heating Co., Seattle, Wash.
West Coast Iron Wks., mchsts.& fndrs., Seattle, Wash.
West Coast Kalsomine Co., paints, West Berkeley, Cal.
West Coast Ornamental Iron & Wire Wks. Inc., Seattle, Wash.
West Coast Packing Co., Blaine, Wash.
West Coast Shingle Co., lumber mfrs., Tacoma, Wash.
West Coast Soap Co., 26th & Poplar, Oakland, Cal.
West Coast Wagon Co., Tacoma, Wash.
West Coast Wire Iron Works, 861 Howard, San Francisco, Cal.
West & Co., bagging, Albany, Ga.
West Co., carriages, 4017 Liberty av, Pittsburgh, Pa.
West Co., plumbers' supplies, Salt Lake City, Utah.
West & Co., turpentine, Lebanon, Fla.
West Construction Co., contractors, American Bldg., Baltimore, Md., & Chamberlain Bldg., Chattanooga, Tenn.
West Cornelius, contractor, 941 E. 3d So., Salt Lake City, Utah.
West Disinfecting Co., 411 5th av, New York.
West, E. E., turpentine, Jacksonville, Fla.
West, E. G., masons' & bldrs.' matls., Gothenburg, Neb.
West Electric Hair Curler Co., Hancock & Columbia, Phila., Pa.
West End Cornice Co., 13 Lindall pl, Boston, Mass.
West End Cornice Wks., 5237 Delmar, St. Louis, Mo.
West End Heating & Engng. Co., 4641 Lancaster av, Phila., Pa.
West End Lbr. Co., Bridgeport, Conn., and San Antonio, Tex.
West End Mattress Co., 68 Pitts, Boston, Mass.
West End Paper Co., Carthage, N. Y.
West End Pottery Co., East Liverpool, O.
West End Sash Co., 51 Beverly, Boston, Mass.
West End Spring Bed Co., 66 Pitts, Boston, Mass.
West End Stone & Brick Co., 121 Wabash, Pittsburgh, Pa.
West End Thread Co., Millbury, Mass.
West End Woolen Mills Co., flannels, 64th & South, Phila., Pa.
West, F. M., Box Co., Springfield, Mass.
West Falmouth Mfg. Co., carriage wheels, etc., West Falmouth, Me.
West Fork Glass Co., window, Clarksburg, W. Va.
West Fork Mill Co., flour, West Fork, Ark.
West Gin & Mill Co., flour, West, Miss.
West, H. T., Co., turpentine, etc., 148 State, Boston, Mass.
West Haven Mfg. Co., hack saws, blades, frames and machines, and nail sets mfrs., etc., West Haven, Conn.
West Huntsville Cotton Mills Co., Huntsville, Ala.
West, J. A., architect, Fremont, Neb.
West, J. H., Lbr. Co., Warren, Pa.
West Jersey Marl. & Trans. Co., fertilizer mfrs., Woodbury, N. J.
West Jersey Paper Mfg. Co., Camden, N. J.
West, Jos., brick, Rockport, Mo.
West Lafayette Mfg. Co., hangers, West Lafayette, O.
West Latrobe Fdry. & Mach. Co., Latrobe, Pa.
West Leechburg Steel Co., iron rolling mills, Farmers Bank Bldg., Pittsburgh, Pa.
West Lumber Co., Atlanta, Ga., and Houston, Tex.
West Mfg. Co., paper fasteners, 48 N. 2d, Phila., Pa.
West Michigan Mach. & Tool Co. (Ltd.), Grand Rapids, Mich.
West Michigan Steel Fdry. Co., Muskegon, Mich.

West Monroe Mfg. Co. (Ltd.), lbr. mfrs., West Monroe, La.
West Penn Lumber Co., Farmers Bank Bldg., Pittsburgh, Pa.
West Penn Powder Co., dynamite mfrs., 2d Nat'l Bk. Bldg., Pittsburgh, Pa.
West Penn Steel Co., Brackenbridge, Pa.
West Phila. Art Glass Wks., 4219 Market, Phila., Pa.
West Pittston Screen Wks., West Pittston, Pa.
West Point Home Mixture Guano Co., West Point, Ga.
West Point Investment Co., West Point, Ga.
West Point Iron Works, West Point, Ga.
West Point Mfg. Co., cotton duck & canvas, West Point, Ga.
West Point Mill Co., rice, Charleston, S. C.
West Pulverizing Mach. Co., 220 B'way, New York.
West & Reaves Lumber Mills, Iverness, Fla.
West River Packing Co., canned goods, Gallaways, Md.
West Roxbury Trap Rock Co., stone producers, W. R., Boston, Mass.
West St. Louis Mach. & Tool Co., models & experimental wk., 606 S. Vandeventer av, St. Louis, Mo.
West Salem Canning Co., West Salem, Wis.
West Seattle Heating & Sheet Metal Wks., cornices & skylights, Seattle, Wash.
West Seneca Lumber Co., Lackawanna, N. Y.
West Side Arch'l Iron Wks., 1529 Cherry, Milwaukee, Wis.
West Side Cut Stone Co., 2422 W. Walton, Chicago, Ill.
West Side Fdry Co., Kansas City, Kans.
West Side Foundry Co., Troy, N. Y.
West Side Iron Wks., machsts., Grand Rapids, Mich.
West Side Lumber Co., Duerrard, Columbus & Dayton, Ohio.
West Side Lbr. Co., packing boxes, Manchester, N. H.
West Side Metal Refining Co., 1447 S. Sangamon, Chicago, Ill.
West Side Motor Co., machsts, Hamilton, Ohio.
West Side Structural Co., ornamental iron wks., Troy, N. Y.
West Steel Casting Co., lathe dogs, 805 E. 70th, Cleveland, Ohio.
West Stockbridge Lime Co., West Stockbridge, Mass.
West Stockbridge Marble Wks., West Stockbridge, Mass.
West Street Carriage Co., Seattle, Wash.
West Texas Products Co., belt dressing, San Antonio, Tex.
West Tire Setter Co., tire setters, banding presses, etc., Rochester, N. Y.
West & Townsend, argicultural implements, Martinsville, Ohio.
West Varnish Co., Everett, Mass.
West Va. Clay Prod. Co., brick, Louisville, Ky.
West Va. Fire Clay Mfg. Co., Diamond Bk. Bldg., Pittsburgh, Pa.
West Va. Foundry & Stove Co., Huntington, W. Va.
West Va. Lumber Co., Conestoga Bldg., Pittsburgh, Pa.
West Va. Malleable Iron Co., machsts & fndrs., Point Pleasant, W. Va.
West Va. Mine Supply Co., Clarksburg, W. Va.
West Va. Paving & Pressed brick Co., common, Huntington, W. Va.
West Va. Pulp & Paper Co., 200 5th av, New York.
West Va. Rail Co., mills, Huntington, W. Va.
West Va. Timber Co., lumber, Charleston, W. Va.
West, Wm. C., architect, Merchants Nat'l. Bk. Bldg., Richmond, Va.
West, Wm. S., & Son, wood pumps, Chillicothe, Ohio.
West Woodworking Co., airplane propellers, etc., 308-24 N. Ada, Chicago, Ill.
Westall, J. M., & Co., masons' & bldrs.' mtls., Asheville, N. C.
Westall, W. H., & Co., masons' & bldrs.' matls., Asheville, N. C.
Westboro Lumber Co., Westboro, Wis.
Westboro Trunk & Bag Co., Westboro, Mass.
Westboro Weaving Co., Westboro, Mass.
Westbrook, Edw. S., & Son, masons' & bldrs.' matls., Port Jervis, N. Y.
Westbrook Elevator Co., machsts. & fndrs., Danville, Va.
Westbrook, John D., Inc., mill & facty. supplies, 409 E. Water, Norfolk, Va.
Westchester Engineering Co., White Plains, N. Y.
Westchester Machine Co., can-making machy., Mt. Vernon, N. Y.
Westcott Chuck Co., drill & lathe chucks, Oneida, N. Y.
Westcott, Frederick, architect, Rookery Bldg., Spokane, Wash.
Westcott, H. F., mill & facty. supplies, Ellsworth, Me.
Westcott, J. D., & Son, broom handles, Richword, W. Va.
Westcott-Jewell Co., rulers & meter sticks, Seneca Falls, N. Y.
Westcott & Mapes, contrs., naval archits. & consulting engrs., 204 Orange, New Haven, Conn.
Westcott Motor Car Co., Richmond, Ind.
Westcott, R. L., contr., Chattanooga, Tenn.
Westcott, W. B., masons' & bldrs'. matls., Blue Hill Me.
Wester, Miss C. J., architect, James Bldg., Chattanooga, Tenn.
Wester, Jens N., contr., Perth Amboy, N. J.
Wester, S. J., Mfg. Co., sashes, doors & blinds, Boone, Iowa.
Westerberg & Williams, contractors, Woolworth Bldg., New York.
Westergren, M. F., cornices, doors, etc., 213 E. 144th, New York.
Westerlin & Campbell Co., machsts., 26 N. Clinton, Chicago, Ill.
Westerlind, C., architect, 111 W. Washington, Chicago, Ill.
Westerlund, C. A., cornices, Rock Hill, S. C.
Westerlund, J. V., contractor, 320 Market, San Francisco, Cal.
Westerly Concrete Co., Westerly, R. I.
Westerly Textile Co., mosquito netting, Westerly, R. I.
Westerman & Co., iron bar mills, Lockport, N. Y.
Westerman Iron Wks., machsts. & fndrs., Seattle, Wash.
Western Advtg. Co., Lincoln, Neb.
Western Aluminum Co., tubes, 180 N. Dearborn, Chicago, Ill.
Western Aniline Products Co., oils & colors, Hammond, Ind.
Western Architect, trade publication, 215 S. Market, Chicago, Ill.
Western Archl. Iron Co., 211 W. Schiller, Chicago, Ill.
Western Art Glass Shade Wks., 105 Turk, San Francisco, Cal.
Western Art Leather Co., Denver, Colo.
Western Asbestos Magnesia Co., 25 S. Park, San Francisco, Cal.
Western Asbestos & Mfg. Co., pipe covering, W. 33rd & Mariposa, Denver, Colo.
Western Automatic Mach. Co., 34 E. Court, Cincinnati, Ohio.
Western Automatic Machine Screw Co., Elyria, Ohio.
Western Automobile Co., Seattle, Wash.
Western Badge & Button Co., Los Angeles, Cal.
Western Badge & Nov. Co., St. Paul, Minn.
Western Bag & Burlap Co., 2449 Wallace, Chicago, Ill.
Western Block Co., tackle blocks, Lockport, N. Y.
Western Blow Pipe & Sheet Metal Co., exhaust & blow piping, St. Louis, Mo
Western Blue Print Co., Gumbel Bldg., Kansas City, Mo.
Western Board & Paper Co., Kalamazoo, Mich.
Western Boiler Compound & Chemical Co., Gloyd Bldg., Kansas City, Mo.
Western Bottle Mfg. Co., 402 W. Randolph, Chicago, Ill.
Western Box Co., wood nov., 326 River, Chicago, Ill.
Western Brass Mfg. Co., 217 Tehama, San Francisco, Cal.
Western Brass Mfg. Wks., brass & bronze castings, hdwe. mfrs., etc., Marshall blvd & W. 21st, Chicago, Ill.
Western Brass Works Co., Denver, Colo.
Western Brick Co., Danville, Ill.
Western Brick & Supply Co., Hastings, Nebr.
Western Builders' Supply Co., 155 New Montgomery, San Francisco, Cal.
Western Building & Engineering Co., Call Bldg., San Fran., Cal.
Western Button Factory, bone buttons, all sizes, 619 Sansome, San Francisco, Cal.
Western Cabinet & Fixture Mfg. Co., store & bar fix., Kansas City, Mo.
Western Carbonic Gas Co., Agnew, Cal.
Western Carriage Wks., Butte, Mont.
Western Cartridge Co., ammunition, East Alton, Ill.
Western Casket Co., Oakland, Cal.
Western Casket Hardware Co., Elgin, Ill.
Western Chemical Mfg. Co., Denver, Colo.
Western Chemical Products Co., 115 E. South Water, Chicago, Ill.
Western Clay & Gypsum Products Co., Ancho, N. Mex.
Western Clay Mfg. Co., Helena, Mont.
Western Clock Co., La Salle, Ill.
Western Coil & Electric Co., therapeutic lamps, Racine, Wis.
Western Commercial Co., masons' & bldrs.' matls., Los Angeles, Cal.
Western Condensed Milk Co., Newberg, Ore.
Western Conduit Mfg. Co., Stampbaugh Bldg., Youngstown, Ohio.
Western Contractor, trade publication, Northwestern Bank Bldg., Kansas City, Mo.
Western Cooperage Co., kegs, tanks—wooden, Portland, Ore.
Western Cottage Piano & Organ Co., Ottawa, Ill.
Western Covered Button Co., 138 Wooster, New York.
Western Crucible Steel Casting Co., 2843 Pleasant av, Minneapolis, Minn.
Western Development Co., magnesite, Pacific Bldg., San Francisco, Cal.
Western Display Co., 301 Chestnut, St. Paul, Minn.
Western Drop Forge Co., Marion, Ind.
Western Dry Battery Co., Seattle, Wash.
Western Elaterite Roofing Co., Denver, Colo.
Western Electric Co., electrical specialties mfrs., 463 West, New York.
Western Electro Mechanical Co., elec. instruments & testing equip., 465 2nd, Oakland, Cal.
Western Enameled Steel Sign Co., litho., 180 N. Dearborn, Chicago, Ill.
Western Engineering Co., cornices & skylights, Seattle, Wash.
Western Engng. Specialties Co., machinery dlrs., 523 Boston Bldg., Denver, Colo.
Western Equipment Co., contractors' tools & supplies, San Francisco, Cal.
Western Expanded Metal & Fireproofing Co., San Fran., Cal.
Western Federal Supply Co., powdered talc, Cleveland, Ohio.
Western Felt Works, wood felt, 4115 Ogden av, Chicago, Ill.
Western Fibre Reed Co., Chicago, Ill.
Western Fire Appliance Co., 51 2nd, San Francisco, Cal.
Western Fireworks Co., Denver, Colo.
Western Fixture Co., 737 W. 16th, Los Angeles, Cal., & 1402 Weil, Milwaukee, Wis.
Western Foundry, 5th & Folsom, San Francisco, Cal.
Western Fdry. Co., Springfield, Ohio.
Western Fdry. Co., 3634 S. Kedzie av, Chicago, Ill.
Western Fdry. & Mach. Co., Ogden, Utah.
Western Foundry & Machine Wks., Topeka, Kans., & Helena, Mont.
Western Fdry. & Sash Weight Co., 2d & Miller, St. Louis, Mo.
Western Fdry. & Stove Repair Wks., Salt Lake City, Utah.
Western Fuel Co., masons' & bldrs.' matls., 430 California, San Francisco, Cal.

Western Furniture Co., desk mfrs., Blair av & Palm, St. Louis, Mo.
Western Furniture & Mfg. Co., mattresses, Lincoln, Neb.
Western Gas Construction Co., Fort Wayne, Ind.
Western Gas Engine Co., Los Angeles, Cal.
Western Gas Engine Corp., Rialto Bldg., San Francisco, Cal.
Western Gas Fixture Co., Toledo, Ohio.
Western Glass Co., Streator, Ill. *See adv index at end of book.*
Western Glass & Paint Co., Lincoln, Neb.
Western Grain & Sugar Products Co., 110 Sutter, San Fran., Cal.
Western Grip & Trunk Co., 791 30th, Milwaukee, Wis.
Western Hammock Co., La Crosse, Wis.
Western Hardware Co., Leadville, Colo.
Western Hdwe. Mfg. Co., 859 N. Franklin, Chicago, Ill., & 858 3d, Milwaukee, Wis.
Western Hardware & Metal Co., 1201 Av S, Seattle, Wash.
Western Hardwood Lbr. Co., Los Angeles, Cal.
Western Heavy Hardware, Mill & Facty. Supply & Iron Co., Oakland, Cal.
Western Improvement Co., sash, door & screen frames, etc., Minot, N. Dak.
Western Industries Co., alcohol, 110 Sutter, San Francisco, Cal.
Western Inspection Co., fire extinguishers, Buffalo, N. Y.
Western Instrument Co., 1001 Washington blvd, Chicago, Ill.
Western Insulation Co., light switchboards, 557 W. Monroe, Chicago, Ill.
Western Iron Co., 1809 Belmont av, Chicago, Ill.
Western Iron & Fdry. Co., Denver, Colo.
Western Iron & Foundry Co., Wichita, Kans.
Western Iron Stores Co., mill & facty. supplies, 145 W. Water, Milwaukee, Wis.
Western Iron & Wire Wks., Omaha, Neb.
Western Iron Works, Butte, Mont., & 141 Beale, San Fran., Cal.
Western Iron Wks., fndrs., Manitowoc, Wis.
Western Kieley Steam Spec. Co., 116 W. Illinois, Chicago, Ill.
Western Knitting Mills, bathing suit mfrs., 215 4th av, New York.
Western Knitting Mills, knitted gloves, Rochester, Mich.
Western Knitting Mills, sweaters, cardigans, etc., 231 Maujer, Brooklyn, N. Y.
Western Knitting Mills, sweaters, etc., 1140 Blue Island av, Chicago, Ill.
Western Ldry. Machy. Co., 416 Mission, San Francisco, Cal.
Western Lime & Cement Co., Pabst Bldg., Milwaukee, Wis., & Postal Tele. Bldg., San Francisco, Cal.
Western Lime Wks., St. Genevieve, Mo.
Western Linen Co., towels & twine linen, Duluth, Minn.
Western Lbr. Co., Milltown, Mont., and 8th nr. Evans, Cincinnati, Ohio.
Western Lumber & Pole Co., ties, Denver, Colo.
Western Lumber & Pole Co., Spokane, Wash.
Western Machine & Foundry Co., Santa Barbara, Cal.
Western Machine Products Co., dies, tools, jigs, etc., E. 73rd & St. Clair, Cleveland, Ohio.
Western Mach. Mfg. Co., 443 Rosabel, St. Paul, Minn.
Western Mach. Tool Wks., machsts., Holland, Mich.
Western Mach. Wks., Indianapolis, Ind.
Western Machy. Co., Tucson, Ariz.
Western Malleables Co., castings, Beaver Dam, Wis.
Western Mfg. Co., concrete mixers, troughs, etc., Oskaloosa, Ia.
Western Manufacturing Co., sashes, doors & blinds, Toledo, O.
Western Mattress & Bedding Co., Liberty & Baymiller, Cincinnati, Ohio.
Western May-Oatway Fire Alarms, Los Angeles, Cal.
Western Meat Co., 6th & Townsend, San Francisco, Cal.
Western Mechanical Wks., Los Angeles, Cal.
Western Merchandise & Supply Co., printing inks, 326 W. Madison, Chicago, Ill.
Western Metal Mfg. Co., culverts—road, El Paso, Tex.
Western Metal Supply Co., San Diego, Cal.
Western Mirror Plate Co., 824 Wade, Cincinnati, Ohio.
Western Mont. Flouring Co., Missoula, Mont.
Western Motor Draying Co., 1444 Church, San Francisco, Cal.
Western Motor Record, trade publication, Bancroft Bldg., San Francisco, Cal.
Western Oil Pump & Tank Co., 2437 Kosciusko, St. Louis, Mo.
Western Optical Co., Pacific Bldg., San Francisco, Cal.
Western Oxide & Spec. Co., 2117 S. Jefferson, Chicago, Ill.
Western Oxygen & Gas Products Co., 2311 E. 52nd, Los Angeles, Cal.
Western Packing Co., meats, Denver, Colo.
Western Packing & Provision Co., 3854 S. Morgan, Chicago, Ill.
Western Packing & Supply Co., 231 N. 5th av, Chicago, Ill.
Western Paper Goods Co., tobacco bags, 3rd & Lock, Cincinnati, Ohio.
Western Pattern & Mfg. Co., Moline, Ill.
Western Paving Co., Oklahoma, Okla.
Western Petroleum Co., 201 S. La Salle, Chicago, Ill.
Western Pipe & Steel Co., hydraulic cylinders, 444 Market, San Francisco, Cal.
Western Planing Mill Co., Wichita, Kans.
Western Plumbing Supply Co., 3228 Fillmore, Chicago, Ill.
Western Pottery Co., 3107 S. Michigan av, St. Louis, Mo.
Western Pottery Mfg. Co., Denver, Colo.
Western Powder Mfg. Co., East Alton, Ill.
Western Radiator & Fender Mfg. Co., 1430 Bush, San Fran., Cal.
Western Ry. Equip. Co., Central Nat'l Bank Bldg., St Louis, Mo.
Western Rawhide & Belting Co., 600 S. Pierce, Milwaukee, Wis.
Western Reduction Co., fertilizer mfrs., 1501 Evans, San Francisco, Cal.
Western Reflector Co., shades, 1053 W. Lake, Chicago, Ill.
Western Reserve Furniture Co., music cabinets, Warren, O.
Western Reserve Lumber Co., Warren, O.
Western Reserve Rubber Co., rubber toys, South Akron, Ohio.
Western Reserve Varnish Co., 1251 Marquette, Cleveland, O.
Western Robe Mills, metal polish, 610 W. Randolph, Chicago, Ill.
Western Rock Island Plow Co., Omaha, Neb.
Western Rock Salt Co., Wright Bldg., St. Louis, Mo.
Western Roofing & Supply Co., paper, 3611 Loomis, Chicago, Ill.
Western Rubber Co., Goshen, Ind.
Western Sand Blast Mfg. Co., glass, signs, etc., 1458 W. Kinzie, Chicago, Ill.
Western Screen Co., 1489 E. 4th, Los Angeles, Cal.
Western Screw Mfg. Co., machine screws, 4842 W. Kinzie, Chicago, Ill.
Western Screw Prod. Co., 3200 S. 7th, St. Louis, Mo.
Western Shade Cloth Co., 2100 S. Jefferson, Chicago, Ill.
Western Slate Co., plumbers' slate, 326-28 Aberdeen, Chicago, Ill.
Western Silo Co., Ltd., Des Moines, Iowa.
Western Soap Co., Ltd., Spokane, Wash.
Western Sporting Goods Mfg. Co., 126 N. Union av, Chicago, Ill.
Western Stamp & Stencil Co., Omaha, Neb.
Western Star Mill Co., rye flour, Salina, Kans.
Western States Const. Co., Hearst Bldg., San Francisco, Cal.
Western States Cutlery & Mfg. Co., Boulder, Colo.
Western States Portland Cement Co., Independence, Kans.
Western Steel Car & Foundry Co., 142 S. Michigan av, Chicago, Ill.
Western Steel & Iron Works, iron archl. & ornamental, De Pere, Wis.
Western Steel Prod. Co., Finance Bldg., Kansas City, Mo.
Western Steel & Wire Co., machsts., Kansas City, Kans.
Western Stone Co., 133 W. Wash., Chicago, Ill.
Western Stopper Co., crown corks, 2800 20th, San Francisco, Cal.
Western Sugar & Land Co., Grand Junction, Colo.
Western Sugar Refining Co., 60 California, San Francisco, Cal.
Western Supply Co., mill & facty. supplies, 61 1st, Portland, Ore.
Western Supply Co., mill, facty. & plumbers' supplies, Lincoln, Neb., & Park sq, St. Paul, Minn.
Western Tablet Co., St. Joseph, Mo.
Western Tent & Awning Co., Lincoln, Neb.
Western Terra Cotta Co., Kansas City, Mo.
Western Tie & Timber Co., Syndicate Trust Bldg., St. Louis, Mo.
Western Tin & Japan Mfg. Co., 1013 Walnut, Cincinnati, O.
Western Tool & Forge Co., Brackenbridge, Pa.
Western Tool Co., jigs & fixtures, High, Newark, N. J.
Western Tool & Mfg. Co., holders, Springfield, Ohio.
Western Transformer Co., Oakland, Cal.
Western Type Fdry., 115 W. Harrison, Chicago, Ill.
Western Umbrella Co., Omaha, Neb.
Western Univ. of Pa., engng. school & coll., Allegheny, Pa.
Western Utilities Co., elec. light plants, 204 Grand av, Milwaukee, Wis.
Western Valve Co., steam fitters' supplies, 188 N. Market, Chicago, Ill.
Western Watch Case Mfg. Co., 31 N. State, Chicago, Ill.
Western Wheelbarrow Mfg. Co., machsts. & fndrs., South Ft. Smith, Ark.
Western Wheeled Scraper Co., agrlt. implts., Aurora, Ill.
Western Wire Mattress Co., 2401 17th, San Francisco, Cal.
Western Wood Preserving Co., Spokane, Wash.
Western Wrought Washer Co., Los Angeles, Cal.
Westervelt, Geo. E., contractor, Tenafly, N. J.
Westervelt, J. C., architect, 36 W. 34th, New York.
Westervelt, J. S., contractor, Englewood, N. J.
Westervelt, J. W., & Co., machsts., 69 Gold, New York.
Westfahl File Co., 467 31st, Milwaukee, Wis.
Westfall, W. J., architect, Colorado Bldg., Denver, Colo.
Westfield Mfg. Co., bicycle mfrs., Westfield, Mass.
Westfield Marble & Sandstone Co., Westfield, Mass.
Westfield Miller Co., flour, Westfield, N. C.
Westfield Plate Co., mchsts. & fdrs., Thompsonville, Conn.
Westfield River Paper Co., paper & pulp mills, Russell, Mass.
Westhoff & Distin, architects, Saranac Lake, N. Y.
Westhoff, M. H., architect, Stearns Bldg., Springfield, Mass.
Westing, G. H., Co. (The), automobile accessories, jobbers, 219 Massachusetts av, Indianapolis, Ind.
Westinghouse Air Brake Co., machsts. & fndrs., Pittsburgh, Pa.
Westinghouse Automatic Air & Steam Coupler Co., Security Bldg, St. Louis, Mo.
Westinghouse, Church, Kerr & Co., concrete steel const., 37 Wall, New York.
Westinghouse Co., agricultural implements & traction engines, Schenectady, N. Y.
Westinghouse Electric & Mfr. Co., electrical apparatus of every description, East Pittsburgh, Pa. *See adv index at end of book.*
Westinghouse Lamp Co., 165 B'way, New York.

Westinghouse Pacific Côast Brake Co., air compressors, 65 Market, San Francisco, Cal.
Westinghouse Traction Brake Co., air brakes for electric cars, Pittsburgh, Pa.
Westlake Constr. Co., Mercantile Bldg., St. Louis, Mo.
Westlund, August, mill & facty. supplies, Marinette, Wis.
Westlund, C. G., Co., friction clutches, engine lathes — special machinery mfrs., 498 Millbury, Worcester, Mass.
Westmacott Gas Furnace Co., 159 Orange, Providence, R. I.
Westminster Fertilizer Co., Westminster, Md.
Westminster Oil & Fertz. Co., Westminster, S. C.
Westmoreland Automatic Mach. Co., shoe shining machs., Irwin, Pa.
Westmoreland Brick Co., 2nd Nat'l Bank Bldg., Pittsburgh, Pa.
Westmoreland Canning Co., Mount Holly, Va.
Westmoreland Chemical & Color Co., color mfrs. & imptrs., 925 Chestnut, Philadelphia, Pa.
Westmoreland Malleable Iron Co. (Ltd.), malleable iron castings, Westmoreland, N. Y.
Westmoreland Spec. Co., cut glassware, Grapeville, Pa.
Westmoreland, W. B., Co., mill & facty. supplies, Woodruff, S. C.
Weston, A., & Son, lumber mfrs., North Tonawanda, N. Y.
Weston Brick Wks., Weston, W. Va.
Weston & Brooker, pipe, Columbia, S. C.
Weston Byron Co., paper & pulp mills, Dalton, Mass.
Weston Carbon Co., Warren, Pa.
Weston Electrical Instrument Co., Waverly Park, Newark, N. J.
Weston, Ephr. M., lbr., Bethel, Vt.
Weston, F. A., architect, Greensboro, N. C.
Weston, H., Lumber Co., Logtown, Miss.
Weston, Harry J., architect, Little Rock, Ark.
Weston, J. H. & J. S., contrs., Nashua, N. H.
Weston & Kroeger, contrs., San Antonio, Tex.
Weston, L. A., mill & facty. supplies, Adams, Mass.
Weston Milling Co., flour, Weston, W. Va.
Weston-Mott Co., wheels & axles, Flint, Mich.
Weston Paper & Mfg. Co., Dayton, Ohio.
Weston, R. D., architect, 130 S. B'way, Los Angeles, Cal.
Weston Shepard & Davison, architects, 36 E. 23d, New York.
Weston, Thomas B., hardware mfrs., Baltimore, Md.
Weston, W. C., architect, Kresge Bldg., Detroit, Mich.
Weston, W. M., Co., masons' & bldrs'. matls., 120 Milk, Boston, Mass.
Westover, Albert E., architect, Keith's Theatre Bldg., Philadelphia, Pa.
Westphal, O. K., architect, Northwestern Bldg., Minneapolis, Minn.
Westport Lime & Cement Co., masons' & bldrs.' matls., 121 W. 8th, Kansas City, Mo.
Westport Lbr. Co., Portland, Ore.
Westport Mfg. Co., cordage & twine mfrs., Westport, Mass.
Westport Paper Co., binders' boards, Westport, Conn.
Westport Paving Brick Co., paving brick mfrs., Baltimore, Md.
Westport Stone Co., Westport, Ind.
Westrumite Co., asphalt dlrs. & imptrs., Whiting, Ind.
West's, L. M., Sons, auto. & carriage tops & dressing, Rockford, Ill.
Westwater Supply Co., mill, facty. & plumbers' supplies, 150 N. 3d, Columbus, Ohio.
Westwick, John, & Son, machsts. & fndrs., Galena, Ill.
Westwood Turning Co., neck yokes, Fremont, Ohio.
Wetherbee, Geo C., & Co., horse brushes, 49 Jefferson av, Detroit, Mich.
Wetherbee-Huggins Co., lumber, Waynesboro, Miss.
Wetherell Bros. Co., steel & steel wire, 31 Oliver, Boston, Mass.
See adv index at end of book
Wetherell, Chester H., contractor, Olean, N. Y.
Wetherell, Frank E., architect, Youngerman Bldg., Des Moines, Iowa.
Wetherell, Geo. H., architect, 9 Park, Boston, Mass.
Wetherell, O. B., & Son Co., mill & facty. supplies, Fall River, Mass.
Wetherhold, W. W., carriages, Reading, Pa.
Wetherhorn, L., & Son, sash, door & blind, Charleston, S. C.
Wetherill & Bro., lead, litharge, 126 S. 30th, Philadelphia, Pa.
Wetherill, Geo. D., & Co., paint mfrs., 114 N. Front, Phila., Pa.
Wetherill, Herbert J., architect, 328 Chestnut, Phila., Pa.
Wetherill, Robt., & Co., machsts. & fndrs., Chester, Pa.
Wetherill, S. P., pigments, Morris Bldg., Philadelphia, Pa.
Wetmore, J. A., architect, Treasury Bldg., Washington, D. C.
Wetmore, L. D., Co., lbr. mfrs., Warren, Pa.
Wetmore & Morse Granite Co., Montpelier, Vt.
Wetmore-Savage Co., insulators, 76 Pearl, Boston, Mass.
Wetmore, W. S., architect, Port Chester, N. Y.
Wettengel, Ed. A., architect, Appleton, Wis.
Wettengel, W., & Son, carriages, Omaha, Neb.
Wetter, H., Mfg. Co., steel ranges, Memphis, Tenn.
Wetter Numbering Mach. Co., 255 Classon av, Brooklyn, N. Y.
Wetterhold, Geo., mattresses, Wichita, Kans.
Wettstein, Charles, architect, 84 A, Buffalo, N. Y.
Weule, Louis, Co., nautical instrument mfrs., 6 California, San Francisco, Cal.
Wetzel, B. C., & Co., architects, Dime Bk. Bldg., Detroit, Mich.
Wetzel, E. S., cornices & skylights, Bremerton, Wash.
Wetzel, J. A., architect, Greeley, Colo.
Wetzel, John A., architect, Hielbourne, Katorah, N. Y.
Wetzel, John F., trunk mfr., Paterson, N. J.
Wetzel Mechanical Stoker Co., Trenton, N. J.
Wetzel, P. A., Co., filing cabinets & devices, Rockford, Ill.
Wetzell, John A., & Wm. H. Marsh, architects, City Bk. & Trust Bldg., Mobile, Ala.
Wexford Canning & Preserving Co., Wexford, Mich.
Wexler Knitting Mills, 29 N. 2d, Philadelphia, Pa.
Weyand, Hy., Co., conductor pipe, fireproof windows, etc., Waterbury, Conn.
Weybrecht's, J. T., Sons, sash, door & blind mfrs., Alliance, O.
Weyburn Co., plow coulters, Rockford, Ill.
Weydell, F. O., patterns & models, 12 S. Clinton, Chicago, Ill.
Weydig-Henkelman, pianos, 406 W. 14th, New York.
Weyerhaeuser & Co., lbr., Merchants' Nat. Bk. Bldg., St. Poul, Minn.
Weyerhaeuser & Denkmann Co., lumber, Rock Island, Ill.
Weyerhaeuser Timber Co., Everett, Wash.
Weyland, Ernest, architect, 1068 27th, Milwaukee, Wis.
Weymer, A. F., Co., corn & whisk brooms, Syracuse, N. Y.
Weymouth Art Leather Co., East Weymouth, Mass.
Weymouth Constr. Co., Seattle, Wash.
Whale Creek Iron Works, 245 Huron, Brooklyn, N. Y.
Whalen & Burns, contractors, Ogdensburg, N. Y.
Whalen, Jas., contractor, Hoboken, N. J.
Whaley, J. A. & Co., paper & silk shades, etc., 118 5th av, New York.
Whaley, J. A., & Co., masons' & bldrs.' matls., 41 Smith, Providence, R. I.
Whaley, J. F., machy. dealer, Stuttgart, Ark.
Whaley, Richard S., architect, 103 Lewis, Montgomery, Ala.
Whaley, W. M., & Co., mill & facty. supplies, Norfolk, Va.
Whall, C. H., & Co., insulating joints, 170 Summer, Boston, Mass.
Whan, Alexander, contractor, Hoboken, N. J.
Whann, W. E., Co., fertilizer mfrs., Drexel Bldg., Phila., Pa.
Wharton & Co., masons' & bldrs.' matls., Yale, Mich.
Wharton, G. D., contractor, 213 Winthrop av, New Haven, Conn.
Wharton, Geo., contractor, 1168 Sherman av, Salt Lake City, Utah.
Wharton Steel Co., blast furnaces, Morris blvd, Phila., Pa.
Wharton, Wm., Jr., & Co., Inc., manganese steel track work, machsts. & fndrs., Easton, Pa.
What Cheer Tool Co., What Cheer, Iowa.
What Cheer Wire Wks., 157 Dorrance, Providence, R. I.
Whatcom County Shingle Co., lumber, Bellingham, Wash.
Whatcom Falls Mill Co., lumber, Bellingham, Wash.
Whatcom Fish Products Co., canned, Bellingham, Wash.
Whatcom Machinery Depot, dealers, Bellingham, Wash.
Wheat, L. P., Jr., architect, 808 17th, N. W., Washington, D. C.
Wheat Paper Co., paper & pulp mills, Elkhart, Ind.
Wheatcraft U., & Son, brick, Butler, Ohio.
Wheatcroft, W. G., & Sons, common brick, Grayville, Ill.
Wheatena Co., cereal foods, Rahway, N. J.
Wheatland Roller Mills Co., feed, Wheatland, Wyo.
Wheatley Pottery Co., Cincinnati, Ohio.
Wheaton, A. W., Brass Wks., 157 N. J. R. R. av, Newark, N. J.
Wheaton Bldg. Lumber Co., contractors, Putnam, Conn.
Wheaton, C. M., & Co., wire rope clamps, Sunbury, Ohio.
Wheaton, F. E., & Son, masons' & bldrs.' matls, Wheaton, Ill.
Wheaton Francis B., architect, 2324 19th, Washington, D. C.
Wheaton, T. C., & Co., glass bottles, Millville, N. J.
Whedon, Webster D., wood handles, Madison, Conn.
Wheel B. Top & H'dwe Co., auto & carriage h'dwe., 1102 Syramore, Cincinnati, O.
Wheel Truing Brake Shoe Co., The Lenox, Detroit, Mich.
Wheel Truing Tool Co., Detroit, Mich.
Wheel & Wood Bending Co., Bridgeport, Conn.
Wheeler, A. B., & Son Co., heating contractors, Wausau, Wis.
Wheeler, A. G. & F., fertilizer mfrs., Stonington, Conn.
Wheeler, Alfred H., architect, Globe Bldg., St. Paul, Minn.
Wheeler-Arnold Co., ties, poles, etc., Wittenberg, Wis.
Wheeler, Asahel Co, paint mfrs., 58 High, Boston, Mass.
Wheeler, Aylesworth & Co., lumber, Endeavor, Pa.
Wheeler-Blaney Co., mill & facty. supplies, Kalamazoo, Mich.
Wheeler Bros., machsts. & fndrs., So. Norwalk, Conn.
Wheeler Bros., Brass Fndry., Troy, N. Y.
Wheeler, C. H., Mfg. Co., condensers, valves, pumps, 1800 Lehigh av, Philadelphia, Pa.
Wheeler, Chas. F., architect, 4736 Irving Park blvd, Chicago, Ill.
Wheeler Condenser & Eng. Co., Carteret, N. J.
See adv index at end of book
Wheeler & Dusenberry, lumber, Endeavor, Pa.
Wheeler Engine Wks., Bridgeport, Conn.
Wheeler, F. E., cornices, Portland, Me.
Wheeler, Frank, & Son, machsts. & fndrs., Meriden, Conn.
Wheeler, G. R., brick, Gainesville, Ga.
Wheeler, Geo., ladders, Norwich, N. Y.
Wheeler, Geo. H., sash, door & blind mfrs., Norwich, N. Y.
Wheeler & Halley, architects, Union Bldg., San Diego, Cal.
Wheeler & Holcomb Co., asbestos gloves, 1360 Wells, Chicago, Ill.
Wheeler & Howes, masons' & bldrs.' matls., Bridgeport, Conn.
Wheeler, J. H., architect, Exchange Bk. Bldg., St. Paul, Minn.
Wheeler, J. R., & Co., lumber, Park Bldg., Pittsburgh, Pa.
Wheeler, J. W., & Co., lbr., Memphis, Tenn.
Wheeler, John, Construction Co., Geneva, Ill.
Wheeler & Johnson, architect, 137 Broad, Lynn, Mass.
Wheeler Lumber Bridge & Supply Co., Des Moines, Iowa.

Wheeler-McDowell Elev. Co., 417 Canal, New York.
Wheeler, Mifflin & Co., scrap iron & steel, Commercial Trust Bldg., Philadelphia, Pa.
Wheeler-Osgood Co., sashes, doors & blinds, Security Bldg., Minneapolis, Minn., & Tacoma, Wash.
Wheeler-Reese Lumber Co., Tacoma, Wash.
Wheeler Reflector Co., electric fixtures, etc., 156 Pearl, Boston, Mass.
Wheeler, Reynolds & Stauffer, bisulphide carbon, 624 California, San Francisco, Cal.
Wheeler-Schebler Carburetor Co., Indianapolis, Ind.
Wheeler Screen Co., Geneva, Ill.
Wheeler & Stern, architects, Charlotte, N. C.
Wheeler Varnish Wks., 2260 Elston av, Chicago, Ill.
Wheeler, W. A., mail boxes & slitting shears, Indianapolis, Ind.
Wheeler, W. W., & Co., contractors, 715 W. Washington, Chicago, Ill.
Wheeler & Wilson, hammock mfrs., 15 Merchants row, Boston, Mass.
Wheeling Bronze Casting Co., mfrs. brass, bronze & aluminum castings, Wheeling, W. Va.
Wheeling Butchers' Association, meat packers, Wheeling, W. Va.
Wheeling Can Co., tin can mfrs., 48th & Eoff, Wheeling, W. Va.
Wheeling Glass Letter & Novelty Co., lenses, Wheeling, W. Va.
Wheeling Mattress Co., Wheeling, W. Va.
Wheeling Metal & Mfg. Co., Wheeling, W. Va.
Wheeling Mold & Foundry Co., foundry & machine shop, Raymond Peninsula, Wheeling, W. Va.
Wheeling Sanitary Mfg. Co., Wheeling, W. Va.
Wheeling Stamping Co., lamp burners, collapsible tubes and lanterns, 21st & Water, Wheeling, W. Va.
Wheeling Steel Casting Co., Wheeling, W. Va.
Wheeling Steel & Iron Co., steel, tin plate & wrought pipe mills, Wheeling, W. Va.
Wheeling Stone & Range Co., 86 19th, Wheeling, W. Va.
Wheeling Tent & Awning Co., 1204 Water, Wheeling, W. Va.
Wheeling Tile Co., vitreous floor tile, Wheeling, W. Va.
Wheeling Wall Plaster Co., Wheeling, W. Va.
Wheelock, Geo. F., Co., cornices, Birmingham, Ala.
Wheelock, H. B., architect, Steiner Bldg., Birmingham, Ala.
Wheelock, Lovejoy & Co., wire, steel & Swedish iron, 23 Cliff, New York.
Wheelock Lumber & Mfg. Co., 1751 N. Maplewood av, Chicago, Ill.
Wheelock Mfg. Co., flexible metallic tubing, Wheelock, Vt.
Wheelock Piano Co., 605 E. 132d, New York.
Wheelock & Shank, architects, Schiller Bldg., Chicago, Ill.
Wheelon, E. R., contractor, 825 E. 9th, So. Salt Lake City, Utah.
Wheelwright Construction Co., Ogden, Utah.
Wheelwright, Geo. W., Paper Co., 95 Milk, Boston, Mass.
Wheelwright, Robert, landscape architect, 15 E. 40th, New York.
Wheetley Rice Mills, Wheetley, Ark.
Wheetley Spoke Co., Wheetley, Ark.
Whelan, Alex. T., cornices & skylights, St. Joseph, Mo.
Whelan, D. J. (Est. of), shears, Troy, N. Y.
Whelan, Martin, cornices, Ardmore, Pa.
Whelan, P. J., & J. T., contractors, Lincoln Bldg., Phila., Pa.
Whelan, Thos., & Co., bldg. contrs., Quincy, Mass.
Wheland Co., mill & facty. supplies, Chattanooga, Tenn.
Wherry, Jas. & Co., contractors, 857 W. North av, Pittsburgh, Pa.
Wherry, S. C., architect, Mitchell, S. D.
Whidby Is. Sand & Gravel Co., Bellingham, Wash.
Whidden, A. H., & Son, mill & facty. supplies, Peabody, Mass.
Whidden-Beekman Co., contractors, 70 Devonshire, Boston, Mass.
Whidden & Lewis, architects, Wilcox Bldg., Portland, Ore.
Whigelt, Geo., Inc., waterproofing materials mfr., 124 Maiden la, New York.
Whike, Geo. H., & Sons, contractors, Canton, Ohio.
Whilldin, D. O., architect, Title Guarantee Bldg., Birmingham, Ala.
Whilldin Pottery Co., 713 Wharton, Phila., Pa.
Whinston, B. H., & C. N., architects, 3d av & E. 148th, New York.
Whinston, Morris, architect, 459 Stone av, Brooklyn, N. Y.
Whipple Art Glass Co., 409 Prospect av, N. W., Cleveland, Ohio.
Whipple & Campbell Co., platinum, 488 S. Main, Providence, R. I.
Whipple & Choate, brass, manganese & phosphor bronze ingots, Bridgeport, Conn.
Whipple, Eugene B., architect, 17 Exchange, Providence, R. I.
Whirret Bros., currycombs, stirrups, Delphos, Ohio.
Whisler, Chas. F., masons' & bldrs.' matls., Hillsboro, Ohio.
Whisler, John, blacksmith, Gibson, Ia.
Whistler, J. C., machst., Newville, Pa.
Whistler Porch Column Fcty., sash, door & blind, Centralia, Wash.
Whistler & Scearcy Co., lumber, Ironton, Ohio.
Whitacre Fireproofing Construction Co., Waynesboro, Ohio.
Whitacre-Goshert Mfg. Co., machsts., Rockford, Ill.
Whatacre-Greer Fireproofing Co., Waynesburgh, Ohio.
Whitacre, R. B., & Co., machy. dlrs., St. Paul, Minn.
Whitaker Bros. Co., spokes, wagon, Meridian, Miss.
Whitaker, C. L., architect, Dravosburg, Pa.
Whitaker Fred. Co., cotton & wool water, 2140 E. Hazzard, Phila., Pa.
Whitaker-Glessner Co. (Wheeling Corrugated Dept.), tin plates, steel sheets, iron & steel rolling mills, etc., Wheeling, W. Va.
Whitaker, John, Mfg. Co., check protectors, N. Wales, Pa.
Whitaker Mfg. Co., mill & facty. supplies, agric'l implements, 409 S. Green, Chicago, Ill.
Whitaker, Morris M., archt., 149 B'way, New York.
Whitaker Paper Co., Eggleston av, 6th & Lock, Cincinnati, Ohio.
Whitaker, Reed Co., travelers' rings, reeds, Worcester, Mass.
Whitaker, Wm., & Sons, denims, awning stripes, Cedar Grove, Phila., Pa.
Whitall, Tatum Co., druggists' & surgical glass & rubber goods, 410 Race, Phila., Pa.
Whitby, C. H., & Son, canned goods, Denton, Md.
Whitby, Wm. H., contractor, Easton, Md.
Whitcher, C. R., architect, Manchester, N. H.
Whitcher, F. W, Co., shoe laces, 14 Albany, Boston, Mass.
Whitcomb-Blaisdell Machine Tool Co., lathes, chucking & planing machines, Worcester, Mass.
Whitcomb Cabinet Co., bank, office & store fix., show cases, etc., Kansas City, Mo.
Whitcomb, E. Noyes, Co., contractors, 49 Wareham, Boston, Mass.
Whitcomb Envelope Co., Worcester, Mass.
Whitcomb & Faulkner, mill & facty. supplies, Palmer, Mass.
Whitcomb, Frank L., contractor, 17 Wareham, Boston, Mass.
Whitcomb, Geo. D., Co., machsts. & fndrs., Rochelle, Ill.
Whitcomb, Haynes & Whitney, lumber, Ellsworth Falls, Me.
Whitcomb & Kavannaugh Co., contractors, 6 Beacon, Boston, Mass.
Whitcomb Metallic Bedstead Co., Shelton, Conn.
White, A. D., Machy. Co., 108 N. Jefferson, Chicago, Ill.
White, A. E., Mach. Wks., Eau Claire, Wis.
White, A. H., Co. (Ltd.), roofing paper, Howard, Venus, Miro, New Orleans, La.
White, A. J., architect, Big Rapids, Mich.
White, A. L., Mfg. Co., organs, 215 Englewood av, Chicago, Ill.
White, A. P., & Co., flour mills, Cadiz, Ky.
White, B. V., architect, Summit, N. J.
White & Bagley Co., lubricating oils & greases, Worcester, Mass.
White, Barclay & Co., contractors, 1530 Chestnut, Phila., Pa.
White, Benj. S., Mach. Shop & Fdry., Shreveport, La.
White, Benj. T., contractor, Newport, R. I.
White Brass Castings Co., 1656 Austin av, Chicago, Ill.
White & Bro., ingot metals, Phila., Pa.
White Bros., architects, Brainard, Minn.
White Bros., awning stripes, & tickings, Winchendon Springs, Mass.
White Bros., denims, E. Jaffrey, N. H.
White Bros., lumber, 5th & Brannan, San Francisco, Cal.
White Bros., fndrs., Western Port, Md.
White, C. P., Lumber Co., Boonville, Ind.
White, C. W., & Co., elastic hosiery, 99 Court, Boston, Mass.
White, Chas., sashes, doors & blinds, Frenchtown, N. J.
White, Chas. & Co., machinists, 418 O. S. W., Washington, D. C.
White Chas. D., architect, Haverhill, Mass.
White, Chas. E., architect, 617 E. 24th, Paterson, N. J.
White, Chas. E., Jr., architect, 343 S. Dearborn, Chicago, Ill.
White, Charles F., architect, Citizens' Bldg., Cleveland, O.
White, Chas. Gas Engine Co., engine manfrs., Baltimore, Md.
White, Chas. H., lumber mfrs., Webster Crossing, N. Y.
White, Chas. H., & Sons Co., pattern & flask stock lbr., 18th & Indiana, Philadelphia, Pa.
White City Elec. Co., storage batteries, 14 N. Franklin, Chicago, Ill.
White Cloud Canning Co., White Cloud, Mich.
White Cloud Mill & Elevator Co., White Cloud, Kans.
White & Co., masons' & bldrs.' matls., Anderson, S. C.
White (The), Co., automobile builders, 842 E. 79th, Cleveland, Ohio.
White Constr. Co., Ry. Exch. Bldg., Milwaukee, Wis.
White, Corbin & Co., plain envelopes, Rockville, Conn.
White, David, Co., engineers field inst., 419 E. Water, Milwaukee, Wis.
White, E. I., ship bldrs., Machias, Me.
White, E. M., & Co., motor boats, canoes, etc., Old Town, Me.
White, E. V., & Co., mill & facty. supplies, Norfolk, Va.
White Elm Nursery Co., landscape architects, 738½ Cramer, Milwaukee, Wis.
White, Elmer S., & Co., auto rugs, Heed Bldg., Phila., Pa.
White Enamel Refrigerator Co., 1340 University av, St. Paul, Minn.
White & Englebry, architects, Peyton Bldg., Spokane, Wash.
White, F. H., & Co., mchsts. & fdrs., South Easton, Mass.
White, F. H., Co., hat boxes, 1001 Hamilton, Phila., Pa.
White, F. J., iron, 462 Maine av, S. W., Washington, D. C.
White, F. Manson, architect, Chamber of Commerce, Portland, Ore.
White, F. O., Constr. Co., concrete steel constr., 183 River, Boston, Mass.
White Fire Proof Const. Co., 286 5th av, New York.
White, Fred C., demijohns, 241 Water, New York.
White, Fred I., hose pipes, Reading, Mass.
White Frost Refrigerator Co., Jackson, Mich.
White, G. Axe, Co., Honesdale, Pa.
White, G. W., & Son, masons' & bldrs.' matls., Watertown, N. Y.
White, Geo., models & experimental wk., 22 Morris, Jersey City, N. J.
White, Geo., Buggy Co., carriages, Rock Island, Ill.
White & Gloor, contractors, Monadnock Bldg., San Francisco, Cal.

White, Gratwick & Mitchell, lbr. mfrs.—packing, box mfrs., Tonawanda, N. Y.
White, H. C., Co., stereoscopes, desk lights & children's vehicles, North Bennington, Vt.
White-Haines Optical Co., Columbus, O.
White H. P. switchboards, Phila., Pa.
White Hall Pottery Works, White Hall, Ill.
White Hall Sewer Pipe & Stoneware Co., White Hall, Ill.
White Hardware Co., Norfolk, Va., & Wilkes-Barre, Pa.
White Haven Quarry Co., stone prod., Scranton, Pa.
White Heat Products Co., grinding wheels, Frazer, Pa.
White Henry S. T., architect, 322 N. Architect, Baltimore, Md.
White, Herbert E., & Co., contractors, Attleboro, Mass.
White Hickory Wagon Mfg. Co., East Point, Ga.
White Hill Chain Wks., Fieldsboro, N. J.
White Hoist & Mach. Co., So. blvd & 143d, New York.
White Hugh E. Esq., architect, Fort Mills, S. C.
White, I. N., pea feeding machines, Mount Morris, N. Y.
White, Ira, & Son Co., machsts., Bloomfield, N. J.
White, J. A., cloth mops, Oxford, Ohio.
White, J. B., architect, Ardmore, Okla.
White, J. B., & Son, architects, Clarion, Ia.
White, J. Cleveland, canned goods, Salisbury, Md.
White, J. Frank, soap, Elmira, N. Y.
White, J. G., & Co., contractors, 43 Exchange pl, New York.
White, J. G., Engineering Corp., sugar plant constr., 43 Exchange pl, New York.
White J. H. Mfg. Co., cigar lighters, elec. portables, etc., 111 N. 3rd, Brooklyn, N. Y.
White J. J. contrs., Bozeman, Mont.
White, J. J. Lumber Co., Columbia, Miss.
White, J. R., architect, Webster City, Ia., & Arcade Bldg., Niagara Falls, N. Y.
White, J. S., Co., mchsts. & fndrs., Pawtucket, R. I.
White, J. T., & Son, lumber, Hazel, Ky.
White, Jas. F., & Co., burlap, 54 Worth, New York.
White, Jas. M., architect, Administration Bldg., Urbana, Ill.
White, Jas. N., & Sons, granite, W. Quincy, Quincy, Mass.
White, Jesse W., architect, 2416 Dean av, Spokane, Wash.
White, Jos., fndrs., Lima, Ohio.
White, Jos. F., contractor, 1 Western av, Boston, Mass.
White, L. C., Co., button back mfrs., Waterbury, Conn.
White, L. E., Lumber Co., Balboa Bldg., San Francisco, & Point Arena, Cal.
White, L., & I. J. Co., edge tools & machine knives, 120 Columbia, Buffalo, N. Y.
White, L. J., Lumber Co., Hutchinson, Kans.
White Lake Lumber Co., 122 S. Michigan av, Chicago, Ill., & Green Bay, Wis.
White Lily Mfg. Co., machsts. & fdrs., Davenport, Ia.
White Lumber Co., 1500 Webster av, Chicago, Ill., & Johnson City, Tenn.
White Mfg. Co., machsts., Bridgeport, Conn., & 556 W. 34th, New York.
White Marble Lime Co., masons' & bldrs.' matls., Manistique, Mich.
White Marble & Terrazzo Co., Lee, Mass.
White, Margaret, architect, 11 Highland, Cambridge, Mass.
White, Michael, contractor, Bayonne, N. J.
White Milling Co., buckwheat flour, Bloomsburg, Pa.
White Mop Wringer Co., Fultonville, N. Y.
White Co., E. 79th & St. Clair, Cleveland, O.
White Mt. Freezer Co., mach. & fdrs., Nashua, N. H.
White, N. D., & Sons, denims, Winchendon Springs, Mass.
White, O. C., Co., electric & gas light fixtures, Worcester, Mass.
White Oak Hub Co., Vina, Ala.
White Oak Mountain Mill Co., flour, Georgetown, Tenn.
White Paper Box Co., Holyoke, Mass.
White, Patrick, & Sons, mchsts. & fndrs., Perth Amboy, N. J.
White Paving Co., contrs., 17 N. La Salle, Chicago, Ill.
White, Perkins & White, cornices & skylights, Wellsville, O.
White, Pevey & Dexter Co., meat packers, Worcester, Mass.
White Pine Bureau, protective Ass'n, Merchants Bank Bldg., St. Paul, Minn.
White Plains Buggy Co., White Plains, N. C.
White Plains Constr. Co., White Plains, N. Y.
White Plains Gin & Fertilizer Co., White Plains, Ga.
White Provision Co., Atlanta, Ga
White Racker Co., beer racking machines, 3916 W. Congress, Chicago, Ill.
White, Ralph E., architect, Penna. Bldg., Philadelphia, Pa.
White, Richard P., lbr. mfrs., Albany, N. Y.
White River Lumber Co., Enumclaw, Wash., & Mason, Wis.
White, Robt. J., lbr., Winooski, Vt.
White, S. S., Dental Mfg. Co., battery chemicals & oxygen gas, 12th & Chestnut, Philadelphia, Pa.
White S. S. Dental Mfg. Co., machsts. & brass fndrs., Prince Bay, N. Y.
White, Sam'l R., Mfg. Co., masons' & bldrs.' matls., Bloomington, Ill.
White, Scott A., tile, slate & slag roofing, Oliver Bldg., Pittsburgh, Pa.
White Sewing Machine Co., Cleveland, Ohio.
White Son Co., chamois importers, 540 Atlantic av, Boston, Mass.
White Springs Paper Co., paper & pulp mills, Nutley, N. J.
White Star Battery Co., 126 Chambers, New York.
White Star Canning Co., San Pedro, Cal.
White Star Lumber Co., 11 S. La Salle, Chicago, Ill.
White Star Mills, flour, Staunton, Va.
White Star Refining Co., lubrg. oils, Avery & Grand Trunk Ry., Detroit, Mich.
White-Stillman Fndry. Co., 1 Bark, Providence, R. I.
White-Stokes Co., elec. cooking app., 3615 Jasper pl, Chicago, Ill.
White Sulphur Lumber Co. Ltd., Jena, La.
White, T. C., Co., porcelain & strain insulators, 1122 Pine, St. Louis, Mo.
White, T. & S. C., Co., sulphur, 100 William, New York.
White Tar Co., chemicals, 4 Cliff, New York.
White, Thos. E., architect, Lansing, Mich.
White, Thos. H., & Co., azotine, bone dlrs., potash, etc., 11 S. Gay, Baltimore, Md.
White, Thos., Stove Co., Quincy, Ill.
White & Todd, masons' & bldrs.' matls., Aurora, Ill.
White Tool & Supply Co., machinery & mill supply dealers, 1313 W. 6th, Cleveland, O.
White Trunk & Bag Co., Nashville, Tenn.
White Valentine Co., brooms, Urbana, Ohio.
White W. B. & Son, eyeshades, Quincy, Mass.
White, W. H., Co., lumber, Boyne City, Mich.
White, W. H., Co., masons' & bldrs.' matls., Nyack, N. Y.
White, W. J., & Co., paint mfrs., color cards, Detroit, Mich.
White-Warner Co., machsts. & fndrs., Taunton, Mass.
White, Wm. A., architect, 1030 N. Gilmor, Baltimore, Md.
White, Wm. H., & McCulloch Lbr. Co., Fargo, N. D.
White, Wm. J., contractor, Lewiston, Pa.
White, Wm. P., Co., Northern Bk. bldg., Seattle, Wash.
White Williamson Co., cottonades, Graham, N. C.
White Wire Wks. Co., Rochester, N. Y.
White & Wright, contractors, Olympia, Wash.
White & Wyckoff Mfg. Co., tablets & pads, Holyoke, Mass.
Whiteacre, J. E. Mfg. Co., gas machines, Rockford, Ill.
Whitebreast Coal & Lumber Co., Lincoln, Nebr.
Whitecars, Jos., Iron Wks., machsts., 402 S. Water, Phila., Pa.
Whitecastle Lumber & Shingle Co. (Ltd.), Whitecastle, La.
Whitefield Mfg. Co., bobbins, Whitefield, N. H.
Whiteford, J. S., canned goods, Whiteford, Md.
Whitehall Cement Mfg. Co., Land Title Bldg., Philadelphia, Pa.
Whitehead, Alfred, contractor, 1624 W. Latimer, Phila., Pa.
Whitehead Bennett, contrs., Evansville, Ind.
Whitehead Bros. Co., sand, fire clay, kaolin, etc., 537 W. 27th, New York.
Whitehead Bros. Rubber Co., hose & packing mfrs., Trenton, N. J.
Whitehead Co., concrete steel railroad ties, Farmington, Ill.
Whitehead, Ernest, contractor, 187 Commercial, Worcester, Mass.
Whitehead, Fred H., canned goods, Lincoln City, Del.
Whitehead, H. B., architect, 10 E. 43d, New York.
Whitehead & Hoag Co., advertg. nov. & spec., badges, emblems, etc., 272 Sussex av, Newark, N. J.
Whitehead, John W., architect, Owensboro, Ky.
Whitehead, John W., contractor, Louisville, Ky.
Whitehead & Kales Iron Wks., Detroit, Mich.
Whitehead Metal Products Co., brass, bronze, copper & German silver sheet, wire, rods & tube, 67-73 Washington, N., Boston, Mass. *See adv index at end of book*
Whitehead, Oscar P., machst., Boonton, N. J.
Whitehead Paint Co., 702 W. 48th, New York.
Whitehead, Russell F., architect, 132 Madison av, New York.
Whitehead, Wm. G., Glass Co., 180 W. 4th, St. Paul, Minn.
Whitehouse-Crawford Co., lumber, Walla Walla, Wash.
Whitehouse & Dyer, cooperage stock, Columbia, Tenn.
Whitehouse & Fouilhoux, architects, Ry. Exch. Bldg., Portland, Ore.
Whitehouse, H. G., belt buckles, 44 Elm, Newark, N. J.
Whitehouse, L. A., arcnitect, 100 Boylston, Boston, Mass.
Whitehouse-Le Compte Mfg. Co., hdwe. mfrs., 44 Elm, Newark, N. J.
Whitehouse & Price, architects, Hutton Bldg., Spokane, Wash.
Whitehouse Stone Co., Toledo, Ohio.
Whitehurst & Hodges, lumber, Gilroy, Cal.
Whitehurst, R. W., Mfg. Corp., Norfolk, Va.
Whiteing Mead Commercial Co., mill & factory supplies, Los Angeles, Cal.
Whitelaw Bros. Chemical Co., 309 So. Wharf, St. Louis, Mo.
Whiteley Steel Co., machsts. & fndrs., Muncie, Ind.
Whitelock & Gorrill, contractors, Monadnock Bldg., San Francisco, Cal.
Whitelite Electric Co., incandescent lamps, 370 Broome, New York
Whitely Exerciser Co., 36 Vesey, New York.
Whitely Malleable Castings Co., Muncie, Ind.
Whitemack, J. Odell, contractor, 231 W. 18th, New York.
Whitemack, D. L., & Co., mill & factory supplies, Tecumseh, Mich.
Whiteman Mfg. Co., machsts., Canton, Ohio.
Whitener, J. Q. D., Land & Lumber Co., Marquand, Mo.
Whiterock Quarries, lime mfrs., Bellefonte, Pa.
White's, S. R., Sons, agricultural implements, Norfolk, Va.
White's, Sam'l G., Sons, machsts. & fndrs., Peterboro, N. H.
Whitesburg Canning Co., Whitesburg, Tenn.
Whiteside, Rush J., & Sons, contractors, 2115 Wallace, Philadelphia, Pa.

Whiteside Wheel Co., Indianapolis, Ind.
Whitestone Marble Co., Atlanta, Ga.
Whitewater Bridge Co., contrs., Whitewater, Wis.
Whitewater Canning Co., Whitewater, Wis.
Whitewater Constr. Co., Whitewater, Wis.
Whitewater Lumber Co., Whitewater, Wis.
Whitewater Milling & Elevator Co., Whitewater, Kans.
Whiteway, Wm. I., architect, 912 6th, Sioux City, Ia.
Whitewright Cotton Oil Co., meal, Whitewright, Tex.
Whitfield Carbon Paper Wks., 33 Sullivan, New York.
Whitfield Hardware Co., Hawkinsville, Ga.
Whitfield, Henry D., architect, 160 5th av, New York.
Whitfield J. T., carriage mfrs., Kingston, N. C.
Whitford, E. K., architect & contractor, 1457 Castleton av, Port Richmond, N. Y.
Whitford, James, architect, S. I. Bldg., Tompkinsville, N. Y.
Whitin Machine Wks., machsts. & fndrs., Whitinsville, Mass.
Whiting, Cas. W., contractor, Northampton, Mass.
Whiting & Comstock, jigs & fixtures, Hartford, Conn.
Whiting & Davis Co., silver novelties, Plainville, Mass.
Whiting, E. B., & A. C. Co., plastering fibre, Burlington, Vt.
Whiting, F. M., & Co., silver novelties, North Attleboro, Mass.
Whiting Foundry Equipment Co., 157th & Halstead, Chicago, Ill.
Whiting, Frank P., architect, 103 Park av, New York.
Whiting, Geo. A., Paper Co., Menasha, Wis.
Whiting, Geo., Co., machsts., 1719 Elston av, Chicago, Ill.
Whiting, Henry F., mill & facty. supplies, Lowell, Mass.
Whiting, John L.—Adams, J. J., Co., brush mfrs., 690 Harrison av, Boston, Mass.
Whiting, Junius F., architect, 250 Cedar, Springfield, Ohio.
Whiting Mfg. Co., table silverware, Bridgeport, Conn.
Whiting Milling Co., flour, Shepardstown, W. Va.
Whiting Paper Co., Holyoke, Mass.
Whiting-Patterson Co., envelopes, 11th & Race, Phila., Pa.
Whiting-Plover Paper Co., Stevens Point, Wis.
Whiting-Turner Construction Co., Secton Bldg., Baltimore, Md.
Whiting, W. H., & Co., whol. hdwe., 222 E. Pratt, Baltimore, Md
Whitingham Lime Co., Sherman, Vt.
Whitinsville Spinning Ring Co., tex. machy., supplies, etc., Whitinsville, Mass.
Whitlam, J. C., Mfg. Co., cement, Wadsworth, Ohio.
Whitlock Coil Pipe Co., Hartford, Conn.
Whitlock Cordage Co., 46 South, New York.
Whitlock, J. A., architect, Muskogee, Okla.
Whitlock, J. W., & Co., musical instruments, Rising Sun, Ind.
Whitlock, M. B., & Co., contractors, Denton, Tex.
Whitlock Mfg. Co., belt dressing, 1506 W. 112th, Cleveland, O.
Whitlock Printing Press Mfg. Co., machy., Shelton, Conn.
Whitlock, Walter H., architect, Security Mutual Bldg., Binghamton, N. Y.
Whitlow, M. G., Hardware Co., cornices & skylights, Bluefield, W. Va.
Whitman Agricultural Co., beet pulp presses, 6900 S. B'way, St. Louis, Mo.
Whitman & Barnes Mfg. Co., twist drills, reamers, wrenches, drop forgings, Akron, Ohio. *See adv index at end of book*
Whitman Bros., sweaters, cardigans, etc., Little Falls, N. Y.
Whitman, Jos. L., masons' & bldrs.' matls., Wapakoneta, Ohio.
Whitman Mach. Co., 178 Ohio, Buffalo, N. Y.
Whitman & Pratt Rendering Co., Lowell, Mass.
Whitman, R., steam htg. contrs., Charlotte, N. Y.
Whitman Studios, archl. modelers & sculptors, 900 Oxford, Phila., Pa.
Whitmarsh, I. F., Co., cornices & skylights, Taunton, Mass.
Whitmer-Jackson Sash & Door Co., Cleveland, Ohio.
Whitmer-Steele Co., lumber, Sunbury, Pa.
Whitmer, Wm., & Sons, lbr., Finance Bldg., Phila., Pa.
Whitmer, Wm., & Sons Co., masons' & bldrs.' matls. Sunbury, Pa.
Whitmeyer & Chaffee, architects, 204 S. Glenwood av, Peoria, Ill.
Whitmore, C. B., Co., masons' & bldrs.' matls., Lockport, N. Y.
Whitmore, Chas. O., architect, 75 Pratt, Hartford, Conn.
Whitmore Mfg. Co., lubricating oils, Iron ct & Erie Ry., Cleveland, Ohio.
Whitmore Mfg. Co., paper & pulp mills—blanks, manifests & R. R. stationery, Holyoke, Mass.
Whitmore, O. S., & Co., sash, door & blind mfrs., 850 N. Spaulding av, Chicago, Ill.
Whitmore, Rauber & Vicinus, contractors—masons' & bldrs.' matls., 279 South av, Rochester, N. Y.
Whitmyer, H., corn brooms, Schenectady, N. Y.
Whitnall Co., springs, metal, stamping & screw mach. products, Plainville, Conn.
Whitner Two Rope Safety Co., fire escapes, 455 S. Clark, Chicago, Ill.
Whitney, Arthur C., contractor, 18 P. O. sq, Boston, Mass.
Whitney, Baxter D., & Son, machsts. & fndrs., Winchendon, Mass.
Whitney Bros. Co., bldg. contrs., Duluth, Minn.
Whitney Bros. Co., contractors & dock bldrs., Superior, Wis.
Whitney, Chas. E., contractor, North Adams, Mass.
Whitney Co., contractors, 101 Park av, New York.
Whitney & Co., folding paper boxes, Leominster, Mass.
Whitney & Currier Co., organs, Toledo, Ohio.
Whitney, E. & Co., masons' & bldrs.' matls., Natick, Mass.
Whitney, Everett E., masons' & bldrs.' matls., Hingham, Mass.
Whitney, F. A., Carriage Co., Leominster, Mass.
Whitney, F. E., Co., machsts. & fndrs., organ motors, etc., 65 Sudbury, Boston, Mass.
Whitney & Ford, steam fitters' & plumbers' supplies—jobbers, 4325 Cottage Grove av, Chicago, Ill.
Whitney, Frederick, carriages, Ayer, Mass.
Whitney, Geo. A., Co., mill & facty. supplies Lewiston, Me.
Whitney Glass Wks., Glassboro, N. J.
Whitney Hardware Co., Albuquerque, N. M.
Whitney Harrison A., architect, Geur's bldg., Portland, Ore.
Whitney Harry E., contrs., Lockport, N. Y.
Whitney, Hy., & Co., whisk brooms, Amsterdam, N. Y.
Whitney Iron Works, 849 Tchoupitoulas, New Orleains, La.
Whitney, Jas. E., fishing poles, 88 Broad, Boston, Mass.
Whitney, L. J., architect, Springville, Utah.
Whitney Machine Co., Winchester, Mass.
Whitney Mfg. Co., chains, keys, hand milling machs., Hartford, Conn.
Whitney Mfg. Co., cotton sheetings, Whitney, S. C.
Whitney Metal Tool Co., punches, hand power shears, etc., Rockford, Ill.
Whitney, Reed Corp., toys, games & nov., Leominster, Mass.
Whitney & Sloo Co. (Ltd.), horse collars, 733 Tchouptioulas, New Orleans, La.
Whitney Supply Co., mill & facty supplies, 418 S. Peters, New Orleans, La.
Whitney W. A. Mfg. Co., metal punches, 715 Park av, Rockford, Ill.
Whitney, Wm. Channing, architect. Ln. & Tr. Bldg., Minneapolis, Minn.
Whitney, Wm. P., architect, Peoples' Gas Bldg., Chicago, Ill.
Whitney Window Corp., hardware mfrs., Minneapolis, Minn.
Whiton, Aug. S., architect, 101 Park av, New York.
Whiton, D. E., Mfg. Co., centering machines, chucks & gear cutting machines mfrs., Howard & Oak, New London, Conn. *See adv index at end of book.*
Whiton Hardware Co., Seattle, Wash.
Whiton & Haynes Co., contractors, 200 Devonshire, Boston, Mass.
Whiton & McMahon, architects, 36 Pearl, Hartford, Conn.
Whitselle Brick & Lumber Co., Corsicana, Tex.
Whitson, C. P., canned goods, Swannanoa, N. C.
Whitson, Jerre, Hardware Co., Cookeville, Tenn.
Whitttaker Chain Tread Co., chains, 12 Pearl, Boston, Mass.
Whittaker, Clark & Daniels Co., Inc., clays, paints, terra-alba, etc., 250 Front, New York.
Whittaker & Diehl, contractors, Harrisburg, Pa.
Whittaker, E. B., contractor, Huntington, Pa.
Whittaker, F. A., machst., Middleport, N. Y.
Whittaker, John, & Co., contractors, 51 Church, Detroit, Mich.
Whitted, T. B., machst., Charlotte, N. C.
Whittelsey, F. H., Co., paper & pulps mill, Windsor Locks, Conn.
Whittelsey & Whittelsey, naval architects, 17 Battery pl, New York.
Whittemore Bros. Corp., shoe polishes, Cambridge, Mass.
Whitemore Charles A., architect, 20 Beacon, Boston, Mass.
Whittemore, W. L., & Son, paint brushes, Hartford, Conn.
Whittemore Woodbury Co., shoemakers' wax, Charlestown, Boston, Mass.
Whittemore-Wright Co., beeswax, Charlestown, Boston, Mass.
Whitten, Horace E., htg. contrs., 9 Federal Court, Boston, Mass.
Whitten, J. O., Co., glue mfrs., 68 Western av, Boston, Mass.
Whitten & Ludewick, machsts., Fillmore, Ill.
Whittenton Mfg. Co., cottonades, Taunton, Mass.
Whittet, Barrett & Co., mill & facty. supplies, 59 Main, Buffalo, N. Y.
Whittet, Jas., bldg. contr., Lowell, Mass.
Whittier-Coburn Co., plate glass, Howard & Beale, San Francisco, Cal.
Whittier Mach., Co., 34 India, Boston, Mass.
Whittier Mills, sash cords, Chattahoochee, Ga.
Whittier Quarry Co., granite producers, Montpelier, Vt.
Whittington-Stearns Hardware Co., Hot Springs, Ark.
Whittington-Vaughan Co., pipe vises, Easton, Pa.
Whittington, W. L., & Co., canned goods, Hopewell, Md.
Whittington, W. R., canned goods, Marion Station, Md.
Whittle, Chas L., diamond saws, 50 Congress, Boston, Mass.
Whittle Trunk & Bag Co., Knoxville, Tenn.
Whittlesey, Chas. F., architect, Haight & Clayton, San Francisco, Cal.
Whittlesey's H. C. Sons, leather valves, cups, Corry, Pa.
Whitton, Frederick, contractor, 251 Kearny, San Francisco, Cal.
Whittredge, W. C., & Co., masons' & bldrs.' matls., Lynn, Mass.
Whitty, R. P., & Co., contractors, Union Trust Bldg., Washington, D. C.
Whitworth, R. J., flour mills, Gleason, Tenn.
Wholey Boiler Wks., 95 Whipple, Providence, R. I.
Whomas, Walter H., architect. 106 S. 15th, Philadelphia, Pa.
Whooley, D. J., & Co., htg. contrs., Fitchburg, Mass.
Why Bros. & Co., knitted gloves & mittens, 5130 Wakefield, Phila., Pa.
Whyte Oliver, & Co., wire cloth, 21 Cornhill, Boston, Mass.
Whyte, Wm. H., Constr. Co., Hackensack, N. J.
Whyte, Wm. R., contractor, 36 Oakland av, Jersey City, N. J.
Wiand, Wm. H., contractor, Pottstown, Pa.
Wiant & Barr Hardware Co., Parkersburg, W. Va.
Wiant, Herman L., contractor, Lancaster, Pa.
Wiard, F., drill chucks, 451 Hurlbut av, Detroit, Mich.

Wiard Mfg. Co., clothes washing machines, E. Avon, N. Y.
Wiard Plow Co., Batavia, N. Y.
Wiarda, Jno. C., & Co., chemicals & potash, 273 Greene, Brooklyn, N. Y.
Wibert's, A., Sons, Lumber & Shingle Co., Plaquemine, La.
Wible, R. B., & Son, brick, 3404 Old Yard rd, Phila., Pa.
Wiborg & Hanna Co., gum lbr. mfrs., Cleveland, Ohio.
Wiborg, Harry P., lbr., 2612 Un. Cent. Bldg., Cincinnati, O.
Wicaco Screw & Mach. Wks., 623 Wood, Phila., Pa.
Wichert, E. M., Co., contractors, Hartje Bldg., Pittsburgh, Pa.
Wichita Automobile Co., Wichita, Kans.
Wichita Casket Co., Wichita, Kans.
Wichita Cotton Oil Co., meal, Wichita Falls, Tex.
Wichita Falls Brick & Tile Co., Wichita Falls, Tex.
Wichita Falls Broom Mfg. Co., Wichita Falls, Tex.
Wichita Falls Fdry. & Mach. Co., Wichita Falls, Tex.
Wichita Falls Motor Co., Wichita Falls, Tex.
Wichita Fdy. Co., Wichita, Kan.
Wichita Mattresses Co., Wichita, Kans.
Wichita Sash & Door Co., Wichita, Kans.
Wichita Silex Brick Co., Wichita, Kans.
Wichita Tractor Co., Wichita, Kan.
Wichita Trunk Co., Wichita, Kans.
Wichita Valley Refining Co., petroleum and its products, Iowa Park, Tex.
Wichman, H. G., architect, Babylon, N. Y.
Wick, Geo. W., architect, 50 Locust, Flushing, N. Y.
Wick Narrow Fabric Co., tapes, braids & cords, 931 Market, Philadelphia, Pa.
Wick, P. S., Co., pianos, N. St. Paul.
Wickerham, Adam G., architect, Homestead, Pa.
Wickersham Shingle Co., lumber, Wickersham, Wash.
Wickes, A. F., architect, Gary, Ind.
Wickes Boiler Co., Saginaw, Mich.
Wickes Bros., mill & facty. supplies, lathes, etc., 512 N. Tilden, Saginaw, Mich. *See adv index at end of book.*
Wickes, John C., Co., mill & facty. supplies, 189 Montague, Brooklyn, N. Y.
Wickes Machy. Co., rock drills, Jersey City, N. J.
Wickham Bros., contractors, Council Bluffs, Iowa.
Wickham Cut Glass Co., Scranton, Pa.
Wickham, E. A., & Co., contractors, Council Bluffs, Iowa.
Wickham, Jas. & O. P., brick, Council Bluffs, Iowa.
Wickham Piano Plate Co., Springfield, Ohio.
Wicks & Compton, soap, Woodstock, Ill.
Wicks, J. E., architect, Astoria, Ore.
Wicks, M. O. Mfg. Co., plasterers' steel corner beads, Glen Cove, N. Y.
Wicks Pipe Organ Co., Highland, Ill.
Wickwire Bros., rolling mills, wire cloth, Cortland, N. Y.
Wickwire Steel Co., River rd, Buffalo, N. Y.
Wicomico Lbr. Co., Williamston, N. C.
Widdall, H. S., contractor, Avoca, Pa.
Widdall, J. A., contractor, Avoca, Pa.
Widder, F. E., Co., gray iron castings, Canton, O.
Widdicomb Reed Co., belt dressings, Vestaburg, Mich.
Widdowson, J. M., masons' & bldrs.' matls., Carrolton, Ill.
Widman, J. C., Bookcase Co., Detroit, Mich.
Widmann & Walsh, brewery architects, Wainwright Bldg., St. Louis, Mo.
Widmark, H. P., & Son, sash, door & blind, Ludington, Mich.
Widmer Bros., Machsts., Paterson, N. J.
Wiebel, L. H., insulator pins, Hagerstown, Md.
Wieben, John, Co., washers, oil filters, etc., 2051 Lex. av, New York.
Wieber & Walter, htg. contrs., Kingston, N. Y.
Wiebke Mach. Co., 135 W. 3d, New York.
Wiebmer, Anton, machsts., Quincy, Ill.
Wieboldt Construction Co., 1534 W. Van Buren, Chicago, Ill.
Wiebusch & Hilger, Ltd., whol. hdwe., 106 Lafayette, New York.
Wiedeke, Gustav, & Co., boiler makers' tools, Dayton, Ohio.
Wiedemann, H. E., chemists, Chemical Bldg., St. Louis, Mo.
Wiedenman, W. C., cornices, 1820 Harrison, Kansas City, Mo.
Wieder, L. A., & Sons, contractors, Allentown, Pa.
Wiederhold Mantle & Burner Co., 131 Winfield av, Jersey City, N. J.
Wiederholdt Const. Co., contrs., Old Bank of Commerce Bldg., St. Louis, Mo.
Wiedmaier, F. W., architect, Campau Bldg., Detroit, Mich.
Wiegert Construction Co., Bushnell, Ill.
Wiegner, H. J., architect, Bethlehem, Pa.
Wiegner-King Co., hair mattresses, 422 Marshall, Phila., Pa.
Wiegund, W., architect, 45 W. 34th, New York.
Wiehle Bros. Soap Wks., Ironton, Ohio.
Wieman, H., & Sons, carriages, Lexington, Ky.
Wieneke-Hoerr Co., canned goods, Dubuque, Iowa.
Wiener- Barnet Co., brass fndrs., 328 Adams, Newark, N. J.
Wierling Wood Case Co., Buffalo, N. Y.
Wiese Elec'l Appliance Co., humidifying app., 3217 Lisbon av, Milwaukee, Wis.
Wiese, J. H., contractor, City Nat. Bk. Bldg., Omaha, Neb.
Wiest, Geo., buckwheat flour, Fort Atkinson, Ia.
Wiest Mach. Co., York, Pa.
Wiggers & Froelick, jwlry. cases, 8 Dutch, New York.
Wiggin, Burton H., Co., bldg. contrs., Lowell, Mass.
Wiggin Crushed Stone & Sand Co., Germantown, O.
Wiggin, H. D., lumber, Fiske Bldg., Boston, Mass.
Wiggins, E. W., masons' & bldrs.' matls., Shelby, O.
Wiggins, Fred B., packing box mfrs., Cleveland, Ohio.
Wiggins, H. B., Sons Co., wall coverings, Bloomfield, N. J.
Wiggins, Jno. B., Co., loose leaf devices, 1104 S. Wabash av, Chicago, Ill.
Wiggins, John R., & Co., contractors, 1215 Filbert, Phila., Pa.
Wiggins, Paul N., architect, Charleston, W. Va.
Wigginton, Jas. D., masons' & bldrs.' matls., Evanston, Ill.
Wigglesworth Victor H., architect, 82 Chestnut, Boston, Mass.
Wight, Arthur E., carriages, Caribou, Me.
Wight & Lipe, mchsts. & fndrs., San Jose, Cal.
Wight, Lucius I., advtg. counsellor, 50 Union sq, New York.
Wight, Oliver B., Munsey Bldg., Baltimore, Md.
Wight, Peter B., architect, 1225 E. 47th, Chicago, Ill.
Wight, W. N., & Co., concrete reinf. mtls., 5 Beekman, New York.
Wight & Wight, architects, 1st Nat'l Bk. Bldg., Kansas City, Mo.
Wight, Wm. E., contractor, 78 Bowdoin, Boston, Mass.
Wightman, Andrew, church spires repaired, Peekskill, N. Y.
Wightman, Edgar A., architect, 1513 Walnut, Phila., Pa.
Wigley, H. C., & Bro., canned goods, Millersville, Md.
Wigman Co., plumbers' supplies, Sioux City, Ia.
Wigmore, John, & Sons Co., mill & factory supplies, N. E. cor. 4th & San Pedro, Los Angeles, Cal.
Wignall, C. L., architect, Port Arthur, Tex.
Wike & Sundiro, contrs., 211 State, Bridgeport, Conn.
Wikstrom, W., contrs., Montclair, N. J.
Wil-Bar Mfg. Co., elec. fix. studs, 22 Clark ct, Detroit, Mich.
Wilber Bros., smelters & refiners, Pacific Bldg., San Francisco, Cal.
Wilberding, Brandewiede & Co., machsts., 110 W. Court, Cincinnati, Ohio.
Wilbert, Jno., oil well supplies, Petroleum Center, Pa.
Wilbert's, A., Sons Lumber & Shingle Co., Plaquemine, La.
Wilborn, Jas., Jr., sash, door & blind mfrs., 2700 W. Superior, Chicago, Ill.
Wilbraham-Green Blower Co., Pottstown, Pa.
Wilbur Co., masons' & bldrs.' matls., Poughkeepsie, N. Y.
Wilbur Corp., tool chests & window screens, New Haven, Conn.
Wilbur, Edwin, architect, 562 W. 164th, New York.
Wilbur, F. C., Lumber Co., Grayslake, Ill.
Wilbur, J., Co., clays, paint grinders, etc., Providence, R. I.
Wilbur Job Co., paint mfrs., Ft. E. Tioga, Phila., Pa.
Wilbur Lumber Co., Pabst Bldg., Milwaukee, Ws.
Wilburine Oil Wks., 11 B'way, New York.
Wilburn, Miss L. R., architect, Peters Bldg., Atlanta, Ga.
Wilby, Carlton, naval architect, St. Clair, Detroit, Mich.
Wlby, Ernest, architect, 58 Lafayette blvd, Detroit, Mich.
Wilby, Wm., Estate, leather belting, 68 Washington, Lowell, Mass.
Wilce, John, stone, 223 16th Milwaukee, Wis.
Wilco, T., Co., flooring, 2209 Throop, Chicago, Ill.
Wilckes, J., Co., steel, 135 William, New York.
Wilckes, Martin, Wilckes Co., coal tar, oils, lamp black, 135 William, New York.
Wilcox, Bennett, Carburetor Co., 1030 Marshall, Minneapolis, Minn.
Wilcox Bros. Lbr. Co., 930 Marshall, N. E., Minneapolis, Minn.
Wilcox Bros. Mfg. Co., wood handles, Lebanon, Ind.
Wilcox, C. S., contractor, Lansing, Mich.
Wilcox, Crittenden & Co., marine & awning hardware & grey & malleable iron & brass castings, Middletown, Conn.
Wilcox, D., Mfg. Co., hardware mfrs., Mechanicsburg, Pa.
Wilcox, D. T., cornices & skylights, Fall River, Mass.
Wilcox, Donahue, & Co., machsts., Westerly, R. I.
Wilcox, E. A., Mfg. Co., gaskets, packing mfrs., 6330 Stony Island av, Chicago, Ill.
Wilcox, F. Nelson, architect, Paul-Gale-Greenwood Bldg., Norfolk, Va.
Wilcox Fertilizer Co., Mystic, Conn.
Wilcox & Gibbs Sewing Mach. Co., 658 B'way, New York.
Wilcox Glass Co., Kane, Pa.
Wilcox, H. E., Motor Co., 1030 N. E. Marshall, Minneapolis, Minn.
Wilcox Hardware & Iron Co., 406 N. Gay, Baltimore, Md.
Wilcox & Harvey, cattle markers, ear tags, 564-72 W. Randolph, Chicago, Ill.
Wilcox, Jos., horn combs, Athol, Mass.
Wilcox, Louis N., & Son, whol. hdwe., 414 N. Gag, Baltimore, Md.
Wilcox, M. I., Co., mill & factory supplies, 216 Water, Toledo, Ohio.
Wilcox Mfg. Co., machsts., 4824 W. Lake, Chicago, Ill.
Wilcox Motor & Mfg. Co., gas engines, jigs & fixtures, Saginaw, Mich.
Wilcox Shingle Co., lumber, Aberdeen, Wash.
Wilcox Silver Plate Co., Meriden, Conn.
Wilcox Stanley, masons' & bldrs.' matls., Jackson, Mich.
Wilcox, Tom, Plumbing & Supply Co., heating contrs., Chattanooga, Tenn.
Wilcox, W. R. B., architect, Boston blk., Seattle, Wash.
Wilcox, W. W. Co., badges, cylinders, dies, 1735 Armitage av, Chicago, Ill.
Wilcox & White Co., organs, pianos, Meriden, Conn.
Wilcoxen, C. F., cornices, Huntington, W. Va.
Wilcoxon & Brown, sash, door & blind, Frederick, Md.
Wild Bros. Hardware Co., Evergreen, Ala.
Wild, Geo., architect, Johnstown, Pa.
Wild, Jos., & Co., rugs & linoleums, 366 5th av, New York.

Wild Rice Lbr. Co., Ada, Minn.
Wilde, Samuel H., architect, Bay State Bldg., Lawrence, Mass.
Wilde & Schmidt, stone, 21st W. of Marshall blvd, Chicago, Ill.
Wilde, Wm., architect, 1725 B'way, Oakland, Cal.
Wilde, Wm., fertilizer mfrs., Vineland, N. J.
Wildell Lumber Co., Elkins, W. Va.
Wilder, Chas. W., machsts., Fitchburg, Mass.
Wilder & Co., boot counters, 228 W. Lake, Chicago, Ill.
Wilder, D. R., Mfg. Co., canned goods, Atlanta, Ga.
Wilder, E. D., & Co., lbr., Brazil, Ind.
Wilder, E. T., architect, First Nat. Bk. Bldg., Kansas City, Mo.
Wilder, H. H., & Co., cornices, Lowell, Mass.
Wilder, J. E., lumber, Auburn, Wash.
Wilder Mfg. Co., toys, games & nov., 17th & Clinton, St. Louis, Mo.
Wilder Metal Coating & Mfg. Co., alu. coated nails, steel sheets & wire, Connellsville, Pa.
Wilder-Pike Thermometer Co., Troy, N. Y.
Wilder, S. A., & Son, sash, door & blind, Albion, Mich.
Wilder Sidney & Co., mchsts. & fdrs., Holliston, Mass.
Wilder-Strong Implement Co., Monroe, Mich.
Wilder & White, architects, 50 Church, New York.
Wildermith Bending Co., neck yokes, rims, wagon spokes, etc., Columbus, Ohio.
Wilder's R. C. Sons Co., masons' & bldrs.' matls., Macon, Ga.
Wildeson, L., & Son, contractors,Mansfield, Ohio.
Wildhagen, Henry, architect, Ashland, Wis.
Wildhagen, Herman, architect, Appleton, Wis.
Wilde, John, Evaporated Milk Co., canned, Columbus, Ohio.
Wildman, Aug., contractor, Harrisburg, Pa.
Wildman Boiler Wks., 3026 Carroll av, Chicago, Ill.
Wildman Mfg. Co., cutting machs. for fabrics, Norristown, Pa.
Wildwood Builders' Co., Fort Wayne, Ind.
Wile Electric Furnace Co., Liberty, 5th & Penn av (Jenkins Arcade), Pittsburgh, Pa.
Wileman & Helbling, contractors, Ironton, Ohio.
Wiles, A. M., & W. H., Co., mchsts. & fndrs., Grassy Point, N. Y.
Wiles, H. A., contractor, Youngstown, Ohio.
Wiley, C. A., Co., paint & varnish mfrs., Hancock, Long Island City, N. Y.
Wiley & Co., chemists, 7 S. Gay, Baltimore, Md.
Wiley, E. W., Jr., masons' & bldrs.' matls., Lecompte, La.
Wiley Fertilizer Co., Troy, Ala.
Wiley, I. H., Waxene Co., floor polish, 68 Dover, W. Boston, Mass.
Wiley & Russell Mfg. Co. (See Greenfield Tap & Die Corporation). Greenfield, Mass.
Wilfert, John, Co., valve mfrs., 258 B'way, New York.
Wilfong, Millard F., Iron Wks. Co., annealing boxes & galvanizing kettles, 52d & Grays av, Philadelphia, Pa.
Wilgus, Jno. M., architect, 102 E. State, Ithaca, N. Y.
Wilgus Mfg. Co., pumping systems, Los Angeles, Cal.
Wilhelm, A., Co., paint & varnish mfrs., Reading, Pa.
Wilhelm, A. H., contractor, 180 Jessie, San Francisco, Cal.
Wilhelm Bros., canned goods, Fincastle, Va.
Wilhelm, H., elec. supplies, 70 Frost, Brooklyn, N. Y.
Wilhelm, Henry, glue, 136 10th, Pittsburgh, Pa.
Wilhelm, J. Frank, cornices, 1050 Myrtle av, Baltimore, Md.
Wilhelm, Karl E., architect, Massillon, Ohio.
Wilhelme, Edgar A., Inc., gas engines, 90 West, New York.
Wilhelmi, Otto J., architect, 406 Market, St. Louis, Mo.
Wilhjelm, F. L., architect, Fort Dodge, Ia.
Wilhoit Refining Co., petroleum & its products, Springfield, Mo.
Wilk & Co., contrs., Rushville, Ind.
Wilkens, Wm., Co., brush fibre, Frederick av & Wilkens, Baltimore, Md.
Wilker, Edward F., architect, 1619 Locust, Toledo, Ohio.
Wilkerson, O. L., masons' & bldrs.' matls., Sweet Water, Tex.
Wilkes-Barre Iron Mfg. Co., machsts. & fndrs., mine car wheels, etc., Wilkes-Barre, Pa.
Wilkes-Barre Masons' Supply Co., Wilkes-Barre, Pa.
Wilkes-Barre Paint Co., Wilkes-Barre, Pa.
Wilkes-Casy Engineering & Contracting Co., New Rochelle, N. Y.
Wilkesboro Mfg. Co., sashes, doors & blinds, N. Wilkesboro, N. C.
Wilkey Art Co., advtg. novelties, 3115 Sacramento blvd, Chicago, Ill.
Wilkey & Baker, contrs., Uniontown, Pa.
Wilkin-Challoner Co., saw mill machy., Oshkosh, Wis.
Wilkins, G. H., cutters, 57 W. Lake, Chicago, Ill.
Wilkins, Geo. Lester, window shade adjustr., 7077 N. Clark, Chicago, Ill.
Wilkins-Leonard Hardware Co., Youngstown, Ohio.
Wilkins Mfg. Co., textile machy. supplies, etc., Woonsocket, R. I.
Wilkins, Munroe P., machsts. & fndrs., 125 Watts, New York.
Wilkins Toy Co., Keene, N. H.
Wilkins Trunk Mfg. Co., Dallas, Tex.
Wilkins, W. G., Co., architects, Westinghouse Bldg., Pittsburgh, Pa., & Huntington, W. Va.
Wilkinson, A. J., & Co., mill & facty. supplies, wholesale hdwe., 184 Washington, Boston, Mass.
Wilkinson, A. L., & Co., masons' & bldrs.' matls., Bement, Ill.
Wilkinson, Allen A., Lbr. Co., Indianapolis, Ind.
Wilkinson, E. D., & Co., mill & facty. supplies, 48 Exchange pl, Providence, R. I.
Wilkinson, G. A., canned goods, Nottingham, Pa.
Wilkinson, Henry W., architect, 15 W. 38th, New York.
Wilkinson, J. C., machst. & fndr., Shawnee, Okla.
Wilkinson, J. H., masons' & bldrs.' matls., Roanoke, Va.
Wilkinson, J. Lee, architect, 9 Ten Broeck, Albany, N. Y.
Wilkinson, Jos. R., contractor, 3326 N, N. W., Washington, D. C.
Wilkinson Machine Co., Savannah, Ga.
Wilkinson Mfg. Co., ladders, Binghamton, N. Y.
Wilkinson, Pomeroy, masons' & bldrs.' matls., Peru, Ind.
Wilkinson, Seth, mach. wipers, Central Falls, R. I.
Wilkinson, W. H., Co., oil lubricators, etc., West Medway, Mass.
Wilkinsville Cotton Oil Co., meal, Wilkinsville, S. C.
Wilkoff Co., scrap iron, Youngstown, Ohio.
Wilkowski, Jos. A., architect, 2010 Milwaukee av, Chicago, Ill.
Wilks, S., Mfg. Co., air receivers & heaters, 3517 Shields av, Chicago, Ill.
Will & Baumer Co., candles, Syracuse, N. Y.
Will-Burt Co., vises, Orrville, Ohio.
Will, George C., architect, Ames Bldg., Boston, Mass.
Will & Kerr, masons' & bldrs.' matls., Shelby, Ohio.
Will & Sixbury, canned goods, Cleveland, N. Y.
Willamette Box & Lbr. Co., Luinton, Portland, Ore.
Willamette Casket Co., Tacoma, Wash.
Willamette Iron & Steel Works, Portland, Ore.
Willapa Harbor Fish Co., canned goods, So. Bend, Wash.
Willapa Harbor Sand & Gravel Co., Raymond, Wash.
Willapa Logging & Timber Co., lumber, South Bend, Wash.
Willapa Lumber Co., Raymond, Wash.
Willard, Boggs & Co., contractors, Spartanburg, S. C.
Willard-Brent Co., contractors, 412 W. 6th, Los Angeles, Cal.
Willard, C. T., Co., brick, 110 E. 23d, New York.
Willard Canning Co., Ogden, Utah.
Willard, Chas. H., lbr., Townshend, Vt.
Willard, Chas P., & Co., machsts. & fndrs., Winthrop Harbor, Ill.
Willard, Daniel W., architect, Redlands, Cal.
Willard Mach. & Tool Co., Covington, Ky.
Willard Mfg. Co., canvas aprons, etc., St. Albans, Vt.
Willard Pen Co., 70 5th av, New York.
Willard Press & Tool Co., Cincinnati, Ohio.
Willard Sons & Bell Co., machsts., 3044 98th, Chicago, Ill.
Willard Storage Battery Co., E. 131st & St. Clair, Cleveland, O.
Willard, W. H., & Co., mill & facty. supplies, Worcester, Mass.
Willard, Wm. G., machsts & fndrs. & steel range mfrs., 316 Chestnut, St. Louis, Mo.
Willaredt, Geo., architect, 411 23d, West New York, N. J.
Willatzen, Andrew C. P., architect, Boston Blk., Seattle, Wash.
Willbarger, J. L., masons' & bldrs.' matls., Bastrop, Tex.
Willbas, Gustaf, stone cutters' tools, Quincy, Mass.
Willcomb, Geo., Co., tex. machy. (hair pickers), 60 Chardon, Boston, Mass.
Willcox Engng. Co., 1525 Holland av, Saginaw, Mich.
Willcox, Ives & Co., fertilizer mfrs., Savannah, Ga.
Willcox-Ives Oil Co., wood spirits, Savannah, Ga.
Willcutt, G. L., wood handles, Plainfield, Mass.
Willcutt, L. D., & Sons Co., contractors, 146 Sumner, Boston, Mass.
Willemin Mfg. Co. (Inc.), special machinery & tools, 181 Eddy, Providence, R. I.
Willenbockel, L. A., architect, 509 Bay, Chippewa Falls, Wis.
Willer Mfg. Co., weather strips & screens, 401 4th, Milwaukee, Wis.
Willet Engine & Truck Co., 6 Lock, Buffalo, N. Y.
Willets Co., glass house clay supplies, 10th & Bradford, Pitts-
Willett & Brown, brick, Bristol, Wis.
Willett & Burr, contractors, Sheldon Bldg., San Francisco, Cal.
Willett & Camp Co., contractors, Spokane, Wash.
Willey, A. L., contractor, Binghamton, N. Y.
Willey, C. L., lumber mfrs., 2558 S. Robey, Chicago, Ill.
Willey Co., laundry machy., 1222 Race, Philadelphia, Pa.
Willford Mfg. Co., mill & facty. supplies, 303 S. 3d, Minneapolis, Minn.
Willhitte Lumber Co., Wright Bldg., St. Louis, Mo.
William, Charles A., architect, Jacobus, Pa.
William, Harry, & Son, carriages, Ogontz, Pa.
William & Moore, soap, Stockton, Cal.
Williamette Valley Lbr. Co., Dallas, Ore.
Williams, A. C., Co., general hardware, Ravenna, Ohio.
Williams, A. G., & Co., sashes, doors & blinds, Taunton, Mass.
Williams, A. S., & Co., masons' & bldrs.' matls., Bay City, Mich.
Williams, Alex. O., lbr., 6th & Berks, Philadelphia, Pa.
Williams-Anderson Mchy. Co., 569 W. Vanburen, Chicago, Ill.
Williams, Arthur A., Shoe Co., Holliston, Mass.
Williams, Arthur H., & Son, contractors, 419 Locust, Phila., Pa.
Williams, B. A. & G. N., stone, Walnut av & 133d, New York.
Williams, B. B., turpentine, Leary, Ga.
Williams, B. S., & Son, canned goods, Buchanan, Va.
Williams-Bowman Rubber Co., packing mfrs., 1947 S. 54th av, Chicago, Ill.
Williams Bridge Co., contrs., Syracuse, N. Y.
Williams & Bridges Co., packing mfrs., Worcester, Mass.
Williams Bros., architects, Kresge Bldg., Detroit, Mich.
Williams Bros., flour mills, Limestone, Tenn.
Williams Bros., lbr., Guy Mills, Pa.
Williams Bros., agricultural implements, well drilling machy., Ithaca, N. Y.
Williams Bros. Co., canned goods, Williams sq., Detroit, Mich.
Williams Bros, Co., flour mill, Kent, Ohio.
Williams Bros. & Henderson, contractors, Holbrook Bldg., San Francisco, Cal.

Williams Bros. Mfg. Co., cutlery mfrs., Glastonbury, Conn.
Williams, Brown & Earle, architects' & engrs'. reading glasses, instruments, 918 Chestnut, Philadelphia, Pa.
Williams, C. A., lumber, Warwick, Mass.
Williams, C. E., Brick Co., San Antonio, Tex.
Williams, C. K., & Co., dry colors & fillers, Easton, Pa.
Williams, C. M., contractor, Norwich, Conn.
Williams, C. Milo, architect, Hennen Bldg., New Orleans, La.
Williams, Carl H., architect, Land Title Bldg., Philadelphia, Pa.
Williams, Chas., & Co., stone producers, Bigelow, N. Y.
Williams, Chas. E., contractor, St. Joseph, Mich.
Williams, Chas. F., architect, Long Bldg., Kansas City, Mo.
Williams, Chas. F., & Co., stencils, 38 Chardon, Boston, Mass.
Williams, Chas. I., architect, Reibold Annex, Dayton, Ohio.
Williams, Chas. M., architect, Long Bldg., Kansas City, Mo.
Williams Cliff Machine Co., Meridian, Miss.
Williams & Co., Inc., ironed metal & nickel, 220-226 Penn av, Pittsburgh, Pa. *See adv index at end of book*
Williams Const. & Repairing Co., freight elev., 308 Clark, St. Louis, Mo.
Williams Contractors Supply Co., Columbus, Ohio.
Williams & Cullinan, htg. contrs., Yonkers, N. Y.
Williams, D. D., architect, 390 George, New Brunswick, N. J.
Williams, D. L., architect, Chamber of Com. Bldg., Portland, Ore.
Williams, D. T., Valve Co., Cincinnati, Ohio.
Williams, David J., stone, Perth Amboy, N. J.
Williams Drop Forging Co., Scranton, Pa.
Williams, E. A., & Son, bell fndrs., castings, etc., 109 Plymouth, Jersey City, N. J.
Williams, E. Francis, architect, Alisky Bldg., Portland, Me.
Williams, E. H., Lumber Co., Fort Dodge, Iowa.
Williams, E. I., x-ray app., Syracuse, N. Y.
Williams, E. I., & Co., flour mills, Sanders, Ky.
Williams, E. L., architect, Mount Sterling, Ky.
Williams, E. Q., induction & spark coils, Syracuse, N. Y.
Williams, E. S., contractor, Scranton, Pa.
Williams, Elwood, architect, 15 W. 38th, New York.
Williams, F. B., Co., hdwe. mfrs., 507 E. 39th, Chicago, Ill.
Williams, F. B., Cypress Co., Ltd., Patterson, La.
Williams Fertilizer Co., Paris, Tex.
Williams, Finney & Belke, contrs., Scranton, Pa.
Williams Foundry Co., Vineland, N. J.
Williams, Foundry & Machine Co. (The), Akron, Ohio. *See adv. index at end of book.*
Williams Fndry. & Mach. Wks., Cumberland, Md.
Williams, Frank, contractor, 701 S. 58th, Philadelphia, Pa.
Williams, Frank, C., flour mills, Easton, Pa.
Williams, Franklin, Inc., valves, exhaust, heads, 39 Cortlandt, New York.
Williams, Franklin D., contractor, Taunton, Mass.
Williams & Freedman, scrap iron, Harrisburg, Pa.
Williams, G., architect, Franklin, Tenn.
Williams, G. H., Co., excavating buckets, Erie, Pa.
Williams, G. M., Co., mill & facty. supplies, whol. hdwe., New London, Conn.
Williams, G. N., canned goods, Cutler, Me.
Williams Gauge Co., 543 4th av, Pittsburgh, Pa.
Williams, Geo. A., & Son, wire cloth, steel wire mats, bank railings, 85 Fulton, New York.
Williams, Geo. C., architect, Wytheville, Va.
Williams Grove Brick Co., Philipsburg, Pa.
Williams, H. A., architect, McKay Bldg., Portland, Me.
Williams, H. A. (Est. of), wood handles, Hancock, N. Y.
Williams, H. H., contractor, Burlington, N. J.
Williams, H. H., & Co., masons' & bldrs.' matls., Wauseon, Ohio.
Williams, H. R., lbr. mfrs., Aloha, La.
Williams, H. R., Mill Supply Co., 103 Mass Bldg., Kansas City, Mo.
Williams Hardware Co., 100 2d av, Minneapolis, Minn., & Clarksburg, W. Va.
Williams Hdwe. Co., whol. hdwe., masons' & bldrs.' & steam fitters' supplies, Streator, Ill.
Williams, Henry M., machsts. & fndrs., Vincennes, Ind.
Williams-Hester Marble Co., Ball Ground, Ga
Williams, Homer, lumber, Thomasville, Ga.
Williams & Hunting Co., lbr. mfrs. & store fixtures, Cedar Rapids, Iowa.
Williams, I. B., & Sons, packing mfrs., belts, straps, etc., Dover, N. H.
Williams, Ichabod T., & Sons, veneer mfrs., 910 S. Michigan av, Chicago, Ill.
Williams Improved Stretcher Co., Wheeling, W. Va.
Williams, J. A., architect, New York Life Bldg., Kansas City, Mo.
Williams, J. A. & Co., whol. hdwe., 51 Chatham, Pittsburgh, Pa.
Williams, J. B., Co., soap, 31 W. 4th, New York.
Williams, J. C., architect, New York Life Bldg., Kansas City, Mo.
Williams, J. C. & B. F., turpentine, Angier, N. Car.
Williams, J. C., Jr., architect, Moore Bldg., San Antonio, Tex.
Williams, J. H., & Co., contractors, Newport News, Va.
Williams, J. H., & Co., drop & drop-forged tools—forgings, 31 Richards, Brooklyn, N. Y. *See adv. index at end of book.*
Williams, J. H., Co., mill & facty. supplies, Millbury, Mass.
Williams, J. H., & Co., lbr., Commercial Trust Bldg., Phila., Pa.
Williams, J. V., brick, Uniontown, Pa.
Williams, John, architect, 97 Merrimack, New Bedford, Mass.
Williams, Jno., Inc., brass & bronze fndrs., 556 W. 27th, New York.
Williams, John D., & Co., machy. dlrs., 2 Rector, New York.
Williams, John P., flour mills, Harrodsburg, Ky.
Williams & Johnson, architects, Ogdensburg, N. Y.
Williams, Jos. Co., soap, insecticides, etc., Sharpsburg, Pa.
Williams, L. E., & Co., lbr. sash, door & blind mfrs., Salisbury, Md.
Williams & Little Co., contractors, 2046 E. 88th, Cleveland, O.
Williams, Luke, bldg. contr., Auburn, N. Y.
Williams Lumber Co., sashes, doors & blinds, Fayetteville, Tenn.
Williams & McIntyre Co., brick, Marysville, Ohio.
Williams, M. A., htg. contrs., Norfolk, Va.
Williams Mfg. Co., agricultural implements, Macon, Ga.
Williams Mfg. Co., baskets, Northampton, Mass.
Williams Mfg. Co.,, metal polish, Westerville, Ohio.
Williams Mfg. Co. (Ltd.), machsts., Plattsburg, N. Y.
Williams Map & Guide Co., 325 Lafayette, New York.
Williams & Marshall, wood handles, West Arlington, Vt.
Williams, Miles & Bro., canned goods, Fruit Dale, Ind.
Williams, N. A., Co., masons' & bldrs.' matls., 133 W. Washington, Chicago, Ill.
Williams, O. B., Co., sash, door & blind mfrs., Seattle, Wash.
Williams, O. G., Co., advtg. novelties, 64 W. Randolph, Chicago, Ill.
Williams, Outland & Co., turpentine, Statesboro, Ga.
Williams Oven Mfg. Co., 150 Nassau, New York.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.
Williams Piano & Organ Co., 14 W. Washington, Chicago, Ill.
Williams Pivot Sash Co., 1105 Bolivar, Cleveland, Ohio.
Williams & Poore, cornices, tea urns, 22 Medford, Boston, Mass.
Williams, R. A. & G. N., stone prod., Mill & Orchard, Astoria, L. I., N. Y.
Williams, R. B., flour mills, Andersonville, Tenn.
Williams, R. H., flour mills, Barber, Ark.
Williams, R. J., Slate Co., roofing slate mfrs., Granville, N. Y.
Williams, Richard, architect, 185 Church, New Haven, Conn.
Williams, Robt. E., contractor, Iroquois Bldg., Buffalo, N. Y.
Williams, Robert E., architect, 26 S. 3d, Harrisburg, Pa.
Williams, Roger, htg. contr., 116 W. 23d, New York.
Williams, S. A., Lumber Co., sashes, doors & blinds, Atlanta, Ga.
Williams, S. C., & Co., cooperage stock, East Liverpool, Ohio.
Williams, S. G., & Co., contractors, Norfolk, Va.
Williams, S. W., fndrs., Elkhart, Ind.
Williams & Scott, flour mills, Etoile, Ky.
Williams & Simpson, flour mills, Aspen Hill, Tenn.
Williams Slate Co., Arvonia, Va.
Williams Slate Roofing Co., Mutual Bldg., Richmond, Va.
Williams Soap Co., 519 W. McCarthy, Indianapolis, Ind.
Williams Steel Wheel & Rim Co., Utica, N. Y.
Williams Stove Lining Co., Taunton, Mass.
Williams T. E., Lumber & Mfg. Co., Springfield, Mo.
Williams, T. H., architect, 207 Bleecker, Utica, N. Y.
Williams Test Clamp Co., 1051 Power av, Cleveland, O.
Williams, Thos. F., cornices, Bound Brook, N. J.
Williams Tool Co., Erie, Pa.
Williams & Van Roden, lbr. mfrs., 1345 Arch, Philadelphia, Pa.
Williams, W. A., contrs., Chicago Junction, Ohio.
Williams, W. B., contractor, St. Petersburg, Fla.
Williams, W., & Co., dumb waiters, 312 E. 95th, New York.
Williams, W. D., machst., Jasper & Willard, Phila., Pa.
Williams, W. E., Co., lbr. mfrs., Traverse City, Mich.
Williams, W. H., & Co., masons' & bldrs.' matls., 100 Penn, Pittsburgh, Pa.
Williams, W. W., contractors' tools, Columbus, Ohio.
Williams, W. Ward, architect, Magee Bldg., Pittsburgh, Pa.
Williams, W. Z., Co., contractors, Macon, Ga.
Williams Wagon Wks., carriages, Macon, Ga.
Williams, Walter, architect, 303 5th av, New York.
Williams-Wendt, flooring, 118 N. La Salle, Chicago, Ill.
Williams, White & Co., furnaces, forging, punching & shearing & riveting machines, presses, etc., Moline, Ill.
Williams, Wm., contractor, 86 Weybosset, Providence, R. I.
Williams, Wm., mill & facty. supplies, 62 Front, New York.
Williams, Wm. E., valves, 62 Front, New York.
Williams, Wm. G., contractor, 352 Jackson, Milwaukee, Wis.
Williams, Wm. H., Co., advtg. spec., Greenville, Ohio.
Williams, William, Jr., hdwe. mfrs., New Britain, Conn.
Williams & Williams, architects, Coeur D'Alene, Idaho.
Williams & Williams, turpentine, Hurds, Fla.
Williamsburg Brass Fdry., ferrules, 517 Park av, Bklyn, N. Y.
Williamsburg Canning Co., Williamsburg, Ohio.
Williamsburg Chemical Co., colors, 230 Morgan av, B'klyn, N. Y.
Williamsburg Cork Wks., 50 Church, New York.
Williamsburg Flint Glass Co., 260 Boerum, Brooklyn, N. Y.
Williamsburg Knitting Mills, sweaters, cardigans, etc., 20 Bogart, Brooklyn, N. Y.
Williamsburg Mfg. Co., tool sets, Williamsburg, Mass.
Williamsburg Packing Co., canned goods, Williamsburg, Md.
Williamsburg Plumbing Supply Co., 3 Moore, Brooklyn, N. Y.
Williamson, Ben, & Co., whol. hdwe., Ashland, Ky.
Williamson & Bridgeforth, cornices, Hampton, Va.
Williamson Bros., Co., marine steering gears, Aramingo & Cumberland, Phila., Pa.
Williamson, C. F., masons' & bldrs.' matls., Media, Pa.

Williamson, C. T., Wire Novelty Co., picture hooks, Badger av, Newark, N. J.
Williamson & Cassedy, mill & facty. supplies, 526 Market, Phila., Pa.
Williamson & Co., turpentine, Woodville, Fla.
Williamson, Crow & Proctor, architects, Gilbert blk, Grand Rapids, Mich.
Williamson, D. D., & Co., boiler compounds, 86 Fulton, New York.
Williamson Fndry. Co., Marburg av, Okly, Cincinnati, Ohio.
Williamson, Frank & Co., masons' & bldrs.' matls., Avondale, Pa.
Williamson, Geo. H., architect, Majestic Bldg., Denver, Colo.
Williamson, H. C., machy. dlr., band-saw machines, 321 N. Crawford av, Chicago, Ill.
Williamson, H. E., clothes, waching machines, 1340 Mission, San Francisco, Cal.
Williamson, H. M., canned goods, Nace, Va.
Williamson Hardware Co., Bluffton, Ind.
Williamson Heater Co., furnaces, etc., 339 W. 5th, Cincinnati, O.
Williamson, J. A., & Co., canned goods, Springwood, Va.
Williamson, J. E., Co., machsts. & fndrs., Bellwood, Pa.
Williamson, J. E., & Co., stone producers, Paducah, Ky.
Williamson, J. N., & Sons Co., cotton flannels, Burlington, N. C.
Williamson-Kuny Mill & Lumber Co., Mound City, Ill.
Williamson Pen Co., fountain pens, Janesville, Wis.
Williamson, R., & Co., elec. & gas light fixtures, 601 Washington blvd, Chicago, Ill.
Williamson, T. W., architect, Central Bank Bldg., Topeka, Kan.
Williamson Veneer Co., Baltimore & 8th, Baltimore, Md.
Williamson, Wm. G., architect, 19 S. La Salle, Chicago, Ill.
Williamsport Canning Co., Williamsport, Md.
Williamsport Hardware & Stove Co., Williamsport, Pa.
Williamsport Hardwood Lumber Co., Williamsport, Pa.
Williamsport Joint Fastener Co., Williamsport, Pa.
Williamsport Mirror & Glass Co., Williamsport, Pa.
Williamsport Planing Mill Co., Williamsport, Pa.
Williamsport Radiator Co., Williamsport, Pa.
Williamsport Staple Co., Williamsport, Pa.
Williamsport Steam Co., htg. contrs., Williamsport, Pa.
Williamsport Wire Rope Co., Williamsport, Pa.
Williamstown Glass Co., bottles, jars, Williamstown, N. J.
Williamsville Buff Mfg. Co., buffing wheels, Danielson, Conn.
Willie, E. N., fertilizer, Louisville, Ga.
Willig Bros., flour, Temple, Tex.
Willimantic Lumber & Coal Co., masons' & bldrs.' matls., Willimantic, Conn.
Willimantic Mach. Co., Willimantic, Conn.
Willing, J. W., & Son, canned goods, Nanticoke, Md.
Willing Sales Co., advtg. spec., El Paso, Tex.
Willingham Cotton Mills, Macon, Ga.
Willingham, E. G., textile machy., Memphis, Tenn.
Willingham Sash & Door Co., Macon, Ga.
Willingham Stone Co., marble, Healey Bldg., Atlanta, Ga.
Willingham Tift Lumber Co., Atlanta, Ga.
Willingham's Warehouse, Macon, Ga.
Willis, B. F., architect, York, Pa.
Willis, Bixby, architect, New York Life Bldg., Kansas City, Mo.
Willis,C. J., toasters, Ann Arbor, Mich.
Willis, C. W., contractor, Pensacola, Fla.
Willis Carriage Wks., Ironton, Ohio.
Willis Co., smoking pipes, 76 Pilling, Brooklyn, N. Y.
Willis Electric Co., elec. radiators, 4140 Euclid av, Cleveland, Ohio.
Willis, F. C., mill & facty. supplies, 565 Washington blvd, Chicago, Ill.
Willis, H. J., masons' & bldrs.' matls., Winona, Minn.
Willis, J. Swing, architect, 513 N. Charles, Baltimore, Md.
Willis, J. T., architect, Jackson, Miss.
Willis, Jno. A., engines, Columbia, S. C.
Willis, Lloyd D., architect, City Nat. Bk. Bldg., Omaha, Neb.
Willis Mfg. Co., skylight and ventilator combined, Galesburg, Ill.
Willis & Rumery Co., bldg. contrs., Portland, Me.
Willis & Sons, Co., cornices, Moline, Ill.
Willis, W. D., architect, Pensacola, Fla.
Willis, Wm. V., & Co., instruments, 134 S. 11th, Phila., Pa.
Williscroft, Geo. R., machst. & fndr., Phoenix, Ariz.
Willison & Foster Construction Co., Oakland, Cal.
Willison & James, Oakland, Cal.
Willison, J. M., brick cutting wires, East Liverpool, Ohio.
Willison, Robert, architect, E. & C. Bldg., Denver, Colo.
Williston, Chas. H., contractor, 171 Pleasant, Fall River, Mass.
Williston Mill Co., flour, Williston, N. D.
Williston, R. L., indelible ink mfr., Northampton, Mass.
Willite Road Construction Co., 51 Chamber, New York.
Willman Lbr. Co., Hartford City, Ind.
Willmar Milling Co., feed, Willmar, Minn.
Willmarth-Mackillop, contractors, Pawtucket, R. I.
Willmont Oil Mills, meal, Pelzer, S. C.
Willms, Chas., Surgical Instrument Co., 300 N. Howard, Baltimore, Md.
Willoughby, Chas. H., architect, 424 4th av, Pittsburgh, Pa.
Willoughby Co., auto, wood & metal bodies, Utica, N. Y.
Willow Furniture Co., 625 W. 42d, New York.
Willow Grass Rug Co., grass matting, Green Bay, Wis.
Willow Grove Milling Co., flour, Willow Grove, Tenn.
Wills, A. V., & Sons, contractors, Pittsfield, Ill.
Wills Brook Dist. Co., Cumberland, Md.
Wills, Chas. T., Inc., contractor, 286 5th av, New York.
Wills, F. K., dock bldrs., Wilmington, Del.
Wills, Geo. B, & Co., contractors, 101 Park av, New York.
Wills, Geo. W., machinist, Dover, Ohio.
Wills, Ludwick, & Co., contractors, 34 S. 17th, Philadelphia, Pa.
Wills Mfg. Co., tank & stock heaters, plow coulters, etc., Mendota, Ill.
Wills Point Cotton Oil Co., fertilizer mfrs., meal, Wills Point, Tex.
Wills, W. L. & C. C., canned goods, Troutville, Va.
Wills, Walter B., architect, 1181 Myrtle av, Brooklyn, N. Y.
Willsden, S. Blake, shears & scissors, Heyworth Bldg., Chicago, Ill.
Willsea Wks., machsts. & fndrs., Rochester, N. Y.
Willshire Milling Co., wheat flour, Willshire, Ohio.
Willson, A. H., canned goods, Vineland, N. J.
Willson Bros. Lumber Co., Oliver Bldg., Pittsburgh, Pa.
Willson, Fred. F., & Co., architects, Bozeman, Mont.
Willson, H. J., cornices, Everett, Wash.
Willson, T. A., & Co., optical goods mfrs., Reading, Pa.
Willsons Fireworks Co., 146 Davis, San Francisco, Cal.
Willy & Co., buckwheat, rye & wheat flour, Appleton, Wis.
Willys-Morrow Co., Inc., auto parts, Elmira, N. Y.
Willys-Overland Co., automobile bldrs., Toledo, Ohio.
Wilmanns, August C., architect, 35 S. Dearborn, Chicago, Ill.
Wilmarth & Morman Co., drill grinders, 1187 Monroe av, Grand Rapids, Mich.
Wilmarth Show Case Co., Grand Rapids, Mich.
Wilmarth, T. W., Co., elec. light fix. mfrs., 324 W. Superior, Chicago, Ill.
Wilmarth, W. D., & Co., hdwe. mfrs., Attleboro, Mass.
Wilmarth & Zerbe, architects, Salina, Kans.
Wilmer, Samuel S., contractor, 3211 Comly Wissng, Phila., Pa.
Wilmington Brick Co., Wilmington, Del.
Wilmington Casting Co., Wilmington, Del.
Wilmington & Co., trunks, Toledo, Ohio.
Wilmington Electroplating Co., cold process galvanizing, 3101 Market, Wilmington, Del.
Wilmington Fibre Specialty Co., Wilmington, Del.
See adv index at end of book
Wilmington Iron Wks., machsts. & fndrs., Wilmington, N. C.
Wilmington Malleable Iron Wks. of Eastern Malleable Iron Co., castings, rail braces & joints, etc., Wilmington, Del.
Wilmington Oil Refining Co., cotton softeners, 407 E. 13th, Wilmington, Del.
Wilmington Sash & Door Co., Macon, Ga., & Front & Madison, Wilmington, Del.
Wilmot Engng. Co., chains, machy., etc., Hazleton, Pa.
Wilmot Oil Mills, cottonseed meal, Wilmot, Ark.
Wilna Mach. Co., Carthage, N. Y.
Wilputte Coke Oven Corp., coke plant construction, 469 5th av, New York.
Wilsch Machine & Specialty Co., jigs, fixtures, etc., 217 Centre, New York.
Wilsdorf, M. A., cornices, 213 St. George, St, Louis, Mo.
Wilsey, Chas. D., architect, S. A. & K. Bldg., Syracuse, N. Y.
Wilsey & Shaffer Mfg. Co., oars, boats, Vicksburg, Miss.
Wilson, A. A., contractor, Ashland, Ky.
Wilson, A. B., Co., junction boxes & shade holders, Leader News Bldg., Cleveland, Ohio.
Wilson, A. F., granite producers, Fitzwilliam Depot, N. H.
Wilson, A. H., canned goods, Aberdeen, Md.
Wilson, A. & S., Co., contractors, 541 3d av, Pittsburgh, Pa.
Wilson & Adams Co., masons' & bldrs.' matls., Mount Vernon, N. Y.
Wilson, Andrew, Co., steel factory equipment mfrs., 616 Essex, Lawrence, Mass. *See adv index at end of book.*
Wilson & Bennett Mfg. Co., steel shipping barrels, steel oil barrels, 58th av & 68th, Chicago, Ill.
Wilson & Biggs, poles & cross ties, Greenup, Ky.
Wilson Brick Co., Wilson, Conn.
Wilson Brick & Tile Co., Keenan Bldg., Pittsburgh, Pa.
Wilson Bros., agric'l implements, bone, shell & grain mills, E. Delaware, Easton, Pa. *See adv index at end of book*
Wilson Bros., machsts., Hoboken, N. J.
Wilson Bros. & Co., sashes, doors & blinds, 110 Market, San Francisco, Cal.
Wilson, C. D., architect, Mutual Life Bldg., Seattle, Wash.
Wilson, C. E., & Son, contractors, Barnesville, Ohio.
Wilson, C. L. architect, Electric Bldg., Butte, Mont.
Wilson, C. R., Body Co., Clay av & D. G. H. & M. R. R., Detroit, Mich.
Wilson, C. W., & Co., lbr. mfrs., ft. Kent, Brooklyn, N. Y.
Wilson Canning Co., Hebron, Md., & Mexico, N. Y.
Wilson, Carl C., contractor, Coraopolis, Pa.
Wilson, Chas. T., Co., crude rubber, 56 Wall, New York.
Wilson Chemical Co., Tyrone, Pa.
Wilson, Clarence D., architect, Long Branch, N. J.
Wilson & Cochran, lumber, Lottie, La.
Wilson & Co., canned goods, meat packers, etc., U. S. Yards, Chicago, Ill.
Wilson & Co., trolley catchers, 108 N. 6th, Brooklyn, N. Y.
Wilson Construction Co., Fulton Bldg., Pittsburgh, Pa.
Wilson Contracting Co., Newark, Ohio.
Wilson Cypress Co., lumber, Palatka, Fla.
Wilson, D. L., flour mills, Moorefield, W. Va.
Wilson, Dexter E., architect, Malden, Mass.

Wilson, E. A., & Co., masons' & bldrs.' matls., Lowell, Mass.
Wilson, F. Allen, architect, 1208 Chestnut, Philadelphia, Pa.
Wilson, E. H., & Co., second-hand railroad equipments, Commercial Trust Bldg., Philadelphia, Pa.
Wilson, E. L., Hardware Co., Beaumont, Tex.
Wilson & Eaton Co., masons' & bldrs.' matls., Amenia, N. Y.
Wilson, Edward I., architect, 101 Tremont, Boston, Mass.
Wilson, Elwood J., metallurgical engrs., Goldfield, Nev.
Wilson Engineering & Contr. Co., Xenia, Ohio.
Wilson, Eyre & McIlvain, architects, 1003 Spruce, Phila., Pa.
Wilson, F. Cortez, Co., gasoline tanks, etc., 323 W. Lake, Chicago, Ill.
Wilson Fdry. & Machine Co., grey iron castings, Pontiac, Mich.
Wilson, Francis M., & Co., fertilizer mfrs., Pocomoke, Md.
Wilson, Francis W., architect, Santa Barbara, Cal.
Wilson, G. E., canned goods, Roanoke, Va.
Wilson & Gardner Co., masons' & bldrs.' matls., 5541 Lean, Germantown, Philadelphia, Pa.
Wilson, Geo. E., architect, Ogdensburg, N. Y.
Wilson, Geo., Hdwe. & Supp. Co., mill & facty. supps., Denver, Colo.
Wilson, Geo. W., htg. contrs., 612 Myrtle av, Brooklyn, N. Y.
Wilson, H. A., Co., contact points, 97 Chestnut, Newark, N. J.
Wilson, H. Neill, architect, 24 North, Pittsfield, Mass.
Wilson, H. P. & H. F., bale ties, 542 W. 22d, New York.
Wilson, H. R., Machy. Co., New Bank of Commerce Bldg., St. Louis, Mo.
Wilson, H. S., masons' & bldrs.' matls., Cleburne, Tex.
Wilson Hdwe. Co., Boulder, Colo., & 3d & Shipley, Wilmington, Del.
Wilson Hdwe. Mfg. Co., 1150 S. Western av, Chicago, Ill.
Wilson, Henry L., architect, 253 S. B'way, Los Angeles, Cal.
Wilson, Horatio R., & Co., architects, 11 S. La Salle, Chicago, Ill.
Wilson-Hurd Co., bag holders, fly killers, Wausau, Wis.
Wilson Instrument & Spec. Co., Passaic, N. J.
Wilson, J. (Est. of), machsts. & fndrs., Easton, Pa.
Wilson, J. Appleton, architect, Law Bldg., Baltimore, Md.
Wilson, J. B., & Co., sashes, doors & blinds, Sherman, Tex.
Wilson, J. C., archl. iron, Watertown, N. Y.
Wilson, J. C., Co., automobile bldrs., 15th & Warren, Detroit, Mich.
Wilson, J. D., contractor, Newburgh, N. Y.
Wilson, J. E., Jr., Logan, Utah.
Wilson, J. Frank, carriages, Wilkes-Barre, Pa.
Wilson, J. G., Corp., blinds & shutters, 8 W. 40th, New York.
Wilson, J. H., Saddlery Co., Denver, Colo.
Wilson, J. & R., mill & facty., San Francisco, Cal.
Wilson, J. Will, architect, Palmer Bldg., Detroit, Mich.
Wilson & James, machs. & fndrs., Darlington, S. C.
Wilson, Jas., & Co., mill & facty. supplies, Stamford, Conn.
Wilson, Jas. G., Mfg. Co., sash, door & blind mfrs., 332 S. Michigan av, Chicago, Ill.
Wilson, Jas. H., masons' & bldrs.' matls., Fall River, Mass.
Wilson, Jas. T., & Co., canned goods, Delmar, Del.
Wilson, John, contractor, Alliance, Ohio.
Wilson, John, masons' & bldrs.' matls., Hebron, Ind.
Wilson, John F., contractor, Springfield, Ill.
Wilson, John G., architect, 263½ Yamhil, Portland, Ore.
Wilson, John L., architect, Ashtabula, Ohio.
Wilson, John T. (Est. of), sash, door & blind mfrs., Jamestown, N. Y.
Wilson, John T., Co., contractor & bldr., Mutual Bldg., Richmond, Va.
Wilson-Jones Loose Leaf Co., loose leaf devices, 3020 Carroll av, Chicago, Ill.
Wilson, L. G., architect, Finance Bldg., Kansas City, Mo.
Wilson, L. H., architect, 10 W. 4th, Cincinnati, Ohio.
Wilson, Lee, & Co., lumber mfrs., Wilson, Ark.
Wilson, Louis H., architect, 10 W. 4th, Newport, Ky.
Wilson, Ludwig, Brush & Supply Co., janitors' supplies, 455 S. Clark, Chicago, Ill.
Wilson Lumber & Box Co., Tonawanda, N. Y.
Wilson Lbr. & Milling Co., Lenoir, N. C.
Wilson, Lydell L., lbr. mfrs., Randolph, N. Y.
Wilson-Maeulen Co., quartz, pyrometers, Silico, etc., 781 E. 142d, New York.
Wilson, Mark K., contr., Chattanooga, Tenn.
Wilson Mfg. Co., carpet beaters, Niles, Ohio.
Wilson Mfg. Co., metal polish, Cleveland, Ohio.
Wilson & Merrick, canned goods, Ingleside, Md.
Wilson Milling Co., flour, Greensburg, Ky.
Wilson & Morrow, brick, Barnes City, Ia.
Wilson, O. C., & K. R., mill & facty. supplies, 78 Dey, New York.
Wilson, O. G., & Co., masons' & bldrs.' matls., St. Paul, Minn.
Wilson, O. J., machst. & fndr., Salem, Ore.
Wilson & Piri, architects, Wash. Ln. & Ter. Bldg., Wash., D. C.
Wilson Provision Co., meat packers, Peoria, Ill.
Wilson & Pugh, mill & facty. supplies—whol. hdwe., Cumberland, Md.
Wilson Remover Co., varnish removers & boiler compounds, 115 Chestnut, Newark, N. J.
Wilson, R. F., & Co., contractors, 154 W. Randolph, Chicago, Ill.
Wilson, Robt. P., balata, springs, etc., 320 Market, Newark, N. J.
Wilson, Robert S., lumber mfrs., Seattle, Wash.
Wilson, Robt., & Son, archl. iron, New Haven, Conn.
Wilson, Rowland S., natural gas burners, 14 Wood, Pittsburgh, Pa.
Wilson Rubber Co., gloves & druggists' sundries, Canton, Ohio.
Wilson, Samuel, knitted gloves, Needham Heights, Mass.
Wilson, Samuel A., masons' & bldrs.' matls., Newburgh, N. Y.
Wilson Sand & Supply Co., Huntington, W. Va.
Wilson Shipbldg. Co., Astoria, Ore.
Wilson Shipyards, Seattle, Wash.
Wilson & Silsby, yacht sails, Rowe's Wharf, Boston, Mass.
Wilson-Snyder Centrifugal Pump Co., 2 Ross, Pittsburgh, Pa.
Wilson-Snyder Mfg. Co., machsts. & fndrs., Pittsburgh, Pa.
Wilson & Sompayrac, architects, Columbia, S. C.
Wilson & Son, J. H., ties, poles & posts, McLeansboro, Ill.
Wilson Steam Boiler Co., Omaha, Neb.
Wilson Steel Products Co., 49th & S. Western av, Chicago, Ill.
Wilson, Stewart, contractor, Fargo, N. D.
Wilson Stove & Mfg. Co., fndrs., Easton, Pa.
Wilson Stove & Mfg. Co., Valley Park, Mo.
Wilson, T. F., & Son, contractors, Brookville, Ind.
Wilson Tire & Rubber Co., Springfield, Ill.
Wilson & Tomlinson, contractors, 79 Milk, Boston, Mass.
Wilson & Toomer Fertilizer Co., Jacksonville, Fla.
Wilson & Visscher, architects, 299 Madison av, New York.
Wilson, W. A., contractor, Mass. Bldg., Kansas City, Mo.
Wilson, W. A., Machine Co., planers, etc., 217 N. Water, Rochester, N. Y.
Wilson, W. A., & Sons, masons' & bldrs.' matls., 1409 Main, Wheeling, W. Va.
Wilson, Walter Co., who. hdwe., Green Bay, Wis.
Wilson, W. D., Printing Ink Co., 17 Spruce, New York.
Wilson, W. E., Lumber Co., Fort Recovery, Ohio.
Wilson, W., Lbr. Co., masons' & bldrs.' matls., La Porte, Ind.
Wilson, W. R., & Son, contrs., Odd-Fellows' Bldg., St. Louis, Mo.
Wilson Welder & Metals Co., 52 Vanderbilt av, New York.
Wilson & Wilk Co., elec. light fix. mfrs., 1540 Milwaukee av, Chicago, Ill.
Wilson & Willard Co., oil well pumps, Los Angeles, Cal.
Wilson Wood & Lumber Co., Norfolk, Va.
Wilson-Wrape, W. W., Stave Co., cooperage stock, Little Rock, Ark.
Wilson, Wyle T., mailing tubes, paper drinking cups, etc., 1151 N. 3d, Philadelphia, Pa.
Wilt, C. H., common brick, Ogden Center, Mich.
Wilt, Chas. T., traveling bags, 221 W. Madison, Chicago, Ill.
Wiltbonco Mfg. Co., gauges, regulators, etc., 24 Porter, Boston, Mass.
Wilton Hardware Co., Harrisburg, Va.
Wilton Mfg. Co., cocks, Wrightsville, Pa.
Wilts Veneer Co., Richmond, Va.
Wimberly & Thomas Hardware Co., Birmingham, Ala.
Wimbrow Bros., canned goods, Whaleysville, Md.
Wimmer Contracting Co., Victoria Bldg., St. Louis, Mo.
Winamac Construction Co., Winamac, Ind.
Winans C. H. Co., contractors, Elizabeth, N. J.
Winans Fruit & Canning Co., Diggins, Mo.
Winans Mach. Co., hand vacuum cleaners, Binghamton, N. Y.
Winbigler, Cecil M., architect, The Cairo, Washington, D. C.
Winborne & Co., fertilizer mfrs., Norfolk, Va.
Winborne, P. J., architect, Suffolk, Va.
Winchell, John, architect, Pittsfield, Mass.
Winchester, B. & C., Co., platers metals, New Winsted, Conn.
Winchester Brass & Copper Co., brass stampings, Winsted, Conn.
Winchester & Daniels, cedar shingles, Grand Rapids, Mich.
Winchester Lbr. & Mfg. Co., Winchester, Ky.
Winchester Lumber Co., Winchester, Ohio.
Winchester Mach. Wks., Winchester, Ind.
Winchester Milling Co., flour, Winchester, Tenn.
Winchester Packing Co., meat, Hutchinson, Kas.
Winchester Repeating Arms Co., machsts., New Haven, Conn.
Winchester Stone Co., 535 Albany, Boston, Mass.
Wincroft Stove Wks., Middletown, Pa.
Wind, Jacob, Jr., architect, 208 Broad, Elizabeth, N. J.
Windau Tool Co., 1318 Addison rd, Cleveland, Ohio.
Winder Oil Mill Co., Winder, Ga.
Windfall Mfg. Co., brick, Windfall, Ind.
Windham Bros. Construction Co., Alabama Penny Bk. Bldg., Birmingham, Ala.
Windham Handle Co., South Windham, Conn.
Windholz, Charles A., canned goods, Syracuse, N. Y.
Windhorst & Co., gasoline lighting systems, 205 N. 12th, St. Louis, Mo.
Winding & Gezelschap, asphalt paving contrs., Pabst Bldg., Milwaukee, Wis.
Windle, J. E., textile machy., Worcester, Mass.
Windmuller, L., & Roelker, varnish gums, 20 Reade, New York.
Window Cleaners' Improved Belt & Device Co., 62 W. Wash'n, Chicago, Ill.
Windowphanie Co., stained glass substitutes, 19 E. 14th, New York.
Windrim J. H., architect, Commonwealth Bldg., Phila., Pa.
Windsor, A., contractor, Sante Fe, N. M.
Windsor Brick Co., Akron, O.
Windsor Cement Co., 446 Albany, Boston, Mass.
Windsor Cove Packing Co., canned goods, Jesterville, Md.
Windsor Green Granite Co., Windsor, Vt. & Worcester, Mass.
Windsor Mach. Co., steam separators, Windsor, Vt.
Windsor Mfg. Co., brass fndrs., 570 Clinton, Milwaukee, Wis.
Windsor Mfg. Co., brooms, Windsor, Mo.

Windsor Soap Co., 963 William, Buffalo, N. Y.
Windsor Webbing Co., Pawtucket, R. I.
Windy Hill Packing Co., canners, Easton, Md.
Wine Railway Appliance Co., Toledo, Ohio.
Winebrenner, D. E., Co., canned goods, Hanover, Pa.
Winegar, R. J., contractor, 1020 E 17th, Salt Lake City, Utah.
Winelander & Jackson, tubing, 29 Rodney, B'klyn, N. Y.
Winer, Sam'l, & Co., scrap iron, Elkhart, Ind.
Winfield Bros., & Co., stone producers, Beach City, Ohio.
Winfield Elec. Welding Mach. Co., Warren, Ohio.
Winfield Mfg. Co., mail boxes, machsts, etc., Warren, Ohio.
Winfield Pottery Co., Winfield, Tex.
Winfield Sand Co., 2d Nat'l Bk. Bldg., Pittsburgh, Pa.
Winfield Sand & Mineral Co., 2d Nat'l Bk. Bldg., Pittsburgh, Pa.
Winfrey Stave & Lbr. Co., Somerset, Ky.
Wing, Chas., Co., auto. mountings, small springs, Amesbury, Mass.
Wing, Chauncey, machst. & fndr., Greenfield, Mass.
Wing-Engel Box Co., Old Town, Me.
Wing & Evans, chemicals—soda ash, alkali, etc., 22 William, New York.
Wing J. F., architects, Pixley-Long Bldg., Fort Wayne, Ind.
Wing, J. T., & Co., mill & facty. supplies, 19 Woodward av, Detroit, Mich.
Wing, L. J., Mfg. Co., blowers, regulators, pumps, fans, 352 W. 13th, New York.
Wing, Mitchell, & Co., soap, 113 Broad, Boston, Mass.
Wing, Robt. B., & Son, mill & facty. supplies, 358 B'way, Albany, N. Y.
Wing, S., & Co., cameras, Charleston, Boston, Mass.
Wing & Son, pianos, 352 W. 13th, New York.
Wing, Thos. W., architect, 115 S. Dearborn, Chicago, Ill.
Wingate, Frank S., masons' bldrs.' matls.', Hallowell, Me.
Wingender, Chas., & Bros., potteries, Haddonfield, N. J.
Winger-Blume Mfg. Co., clothes washing machines, Wolcott, Ind.
Winger Foundry & Furnace Co., Montpelier, Ohio.
Wingfield, Nimrod T., architect, Charlottesville, Va.
Wingrane & MacNaughton Co., elec. light fix mfrs., 117 N. Wabash av, Chicago, Ill.
Wingren, Chas. O., machinist, Pasadena, Cal.
Winkel, Benno J., architect, 64 W. Randolph, Chicago, Ill.
Winkelman, Louis, & Co., forgings, dies, etc., 213 Lawrence, Cincinnati, Ohio.
Winking, Geo., cornices, Quincy, Ill.
Winkle Terra Cotta Co., Century Bldg., St. Louis, Mo.
Winklebeck & Waters, lbr. mfrs., Hartford City, Ind.
Winkler Co., bench stops, etc., 120 Miller, Newark, N. J.
Winkler, Geo., architect, Tulsa, Okla.
Winkler-Grimm Corp., mfrs. of wagons & auto bodies, So. Bend, Ind.
Winkler, Ignatz, & Co., stone producers, 2616 S. Sacramento av, Chicago, Ill.
Winkler, Isaac, & Bro., chemicals, 1st Nat'l Bk. Bldg., Cincinnati, Ohio.
Winkler & Reichmann, signals & telephone, 5 S. Wabash av, Chicago, Ill.
Winkler, W. E., sashes, doors & blinds, Butler, Ohio.
Winkley Co., carburetors, oil cup lbrs., oil hole covers & cups, Detroit, Mich.
Winland, W. D., flour mills, Elizabeth, W. Va.
Winn, E. L. Const. Co., contrs., Ry. Exch. Bldg., Kansas City, Mo.
Winn, J. H., Sons, clock hands, Winchester, Mass.
Winn, John D., architect, Law Bldg., Norfolk, Va.
Winn, Wm. R., lubrg. oils & greases, paints, etc., 488 Cherry, New York.
Winne, F. W., & Son, cordage & twine, packing mfrs., 237 Market, Philadelphia, Pa.
Winne, Howard B., mill & facty. supplies, 714 W. Jackson blvd., Chicago, Ill.
Winne, L. S., & Co., whol. hdwe., Kingston, N. Y.
Winne & McKain Co., masons' & bldrs.' matls., Schenectady, N. Y
Winnebago Furniture Mfg. Co., Fond Du Lac, Wis.
Winneberger, Geo., & Son, desk mfrs., 252 S. 3rd, Phila., Pa.
Winneconne Lumber Co., Oshkosh, Wis.
Winner Co., boiler compounds, 30 Church, New York.
Winnfield Brick Co., Winnfield, La.
Winnsboro Cotton Oil Co., meal, Winnsboro, Tex.
Winnsboro Granite Corp., Rion, S. C.
Winona Boiler Co., Winona, Minn.
Winona Carriage Co., Winona, Minn.
Winona Casket Co., Winona, Minn.
Winona Cotton Mills, Winona, Miss.
Winona Gas Light & Coke Co., Winona, Minn.
Winona Htg. & Ventg. Co., Winona, Minn.
Winona Machine & Boat Wks., Winona, Minn.
Winona Machine & Fdry. Co., Winona, Minn.
Winona Motor Co., Winona, Minn.
Winona Oil & Mfg. Co., Winona, Miss.
Winona Packing & Soap Co., Winona, Minn.
Winona Technical Institute, engng. schools & coll., Indianapolis, Ind.
Winona Wagon Co., Winona, Minn.
Winorr Canning Co., Circleville, Ohio.
Winship, W. W., baskets, trunks, 71 Summer, Boston, Mass.
Winship, W. W., & Sons Co., trunk mfrs., Utica, N. Y.
Winslow Benj. E., architect, 2617 N. Richmond, Chicago, Ill.
Winslow Bros. Co., machsts. & fndrs.—iron & bronze works & window frames, 4600 W. Harrison, Chicago, Ill.
Winslow Cabot Co., advtg. spec., 4 P. O. Square, Boston, Mass.
Winslow Carleton Monroe, architect, Van Nuys bldg, Los Angeles, Cal.
Winslow, C. M., architect, 1025 4th, San Diego, Cal.
Winslow & Co., brick, Portland, Me.
Winslow, Edw. L., stone prod., Kalamazoo, Mich.
Winslow Glass Co., milk jars & bottles, Columbus, Ohio.
Winslow Grammont Standard Scale Wks., Terre Haute, Ind.
Winslow, Harold E., architect, Grand Forks, N. D.
Winslow, J. A., & Son, cornices & skylights, Bath, Me.
Winslow Lubricating Co., 608 Swan, Buffalo, N. Y.
Winslow Lumber Co., Orin, Wash.
Winslow Marine Ry. & Shipbuilding Co., Seattle, Wash.
Winslow, Sam'l, Skate Mfg. Co., Worcester, Mass.
Winsor & Jerauld Mfg. Co., machsts., 223 Harrison, Providence, R. I.
Winsted Edge Tool Wks., machsts. & fndrs., Winsted, Conn.
Winsted Hdwe. Mfg. Co., closet screws, Winsted, Conn.
Winsted Mfg. Co., machsts. & fndrs., Winsted, Conn.
Winsted Silk Co., thread, Winsted, Conn.
Winston Bros. Co., contractors, Globe Bldg., Minneapolis, Minn.
Winston & Co., contrs., Amer. Nat. Bk. Bldg., Richmond, Va.
Winston-Dear Co., contractors, Globe Bldg., Minneapolis, Minn.
Winston, Miller & Clack, lumber—wholesale, Richmond, Va.
Winston, Thos. H., brick, Covington, Ky.
Winston Vehicle Co., Winston-Salem, N. C.
Winstone, Geo. C., & Son, contractors, Schenectady, N. Y.
Wint, F. W., Co. (Ltd.), sash, door & blind, Catasauqua, Pa.
Winter Bros., brick, Wadsworth, Ill.
Winter Bros. Co., machsts. & fndrs., Wrentham, Mass.
Winter Co., bk. office & store fix., Sheboygan, Wis.
Winter & Co., pianos, S. blvd & 137th, New York.
Winter, F. W., & Co., windmills, Fairbault, Minn.
Winter, Frank, Hardware Co., Lancaster, Ohio.
Winter, Frank W., lbr., Auburn, Me.
Winter, Frederick E., architect, 270 Main, New Rochelle, N. Y.
Winter, G. C., mill & facty. supplies.—masons' & bldrs.' matls., Southbridge, Mass.
Winter, H. B., architect, Manhattan, Kans.
Winter, H. E., changeable bldg. directories & signs, Davenport, Ia.
Winter, H. L., Mfg. Co., sash, door & blind mfrs., Alton, Ill.
Winter, H. W., harness, saddles, etc., Norfolk, Neb.
Winter, Louis F., machsts., 420 W. 27th, New York.
Winter & Nicholson, contrs., San Diego, Cal.
Winter, R. G., Mfg. Co., hdwe. mfrs., 2102 Vliet, Milwaukee, Wis.
Winter, Son, & Co., aluminum, tin, ingots, etc., 64 Wall, New York
Winter, Wm. F., bldg. contr., 1025 2d, Milwaukee, Wis.
Winterborne, N. H. & Sons, machsts. & brass fndrs., San Antonio, Tex.
Winterbottom, Carter & Co., handles, bone, Egg Harbor City, N. J.
Winterbourne, S., & Co., varnish, oils, etc., 94 Pine, New York.
Winterer, Herman L., machy. dealer, 908 Beach, Phila., Pa.
Winternitz, Albert, contractor, 103 Park av, New York.
Winterroth & Co., pianos, 8 Union Sq., New York.
Winterrowd, Thos. A., architect, Am. Central Life Bldg., Indianapolis, Ind.
Winters Canning Co., Winters, Cal.
Winters Co., advtg. spec. metal signs, litho, Springfield, O.
Winters, Edwin, stone producers, McKeesport, Pa.
Winters, Henry T., & Son, contractors, Waterville, Me.
Winters, J. H., & Son, flour mills, Adams, Tenn.
Winters, J. S., contractor, 20th & Elm, Portland, Ore.
Winters Leonard R., mfrs. agents, Widener bldg., Phila, Pa.
Winters Lumber Co., Elwood, Ind.
Winters, Mercer & Brannum Lbr. Co., Anderson, Ind.
Winter's Metallic Paint Co., Iron Ridge, Wis.
Winters & Prophet Canning Co., Mt. Morris, N. Y.
Winters, Wm. C., architect, 106 Van Sicklen av, Brooklyn, N. Y.
Wintersteen, C. A., cornices, 408 W. 3d, Dayton, Ohio.
Winther Motor Truck Co., auto. mfrs., Kenosha, Wis.
Winthrop Asphalt Shingle Co., Argo, Ill.
Winthrop Canning Co., Winthrop, Minn.
Winthrop Mills Co., woolen blankets, Winthrop, Me.
Winton Co., automobile bldrs., Berea rd, Cleveland, Ohio.
Winton Engine Works, Cleveland, Ohio.
Winton Motor Carriage Co., Berea rd, Cleveland, Ohio.
Wintringham & Well, naval architects, 32 B'way, New York.
Winyah Lumber Co., Georgetown, S. C.
Wipf, J., & Co., lumber, Iola, Wis.
Wire Bolt Clamp Co., hose clamps, Battle Creek, Mich.
Wire Goods Co., Worcester, Mass.
Wire Hdwe. Co., 6126 S. La Salle, Chicago, Ill.
Wire Inspection Bureau, testing laboratories, 13 Park Row, New York.
Wire & Metal Wares Co., baskets, mats, etc., Erie, Pa.
Wire Novelty Mfg. Co., trimmings & wire specialties, West Haven, Conn.
Wire Rope Lubricating Co., 40 Clinton, Newark, N. J.
Wire Wheel Corp. of America, Springfield, Mass.

Wirebounds Corp., machsts., 111 W. Washington, Chicago, Ill.
Wireless Improvement Co., 81 New, New York.
Wireless Mg. Co., Canton, Ohio.
Wireless Specialty Apparatus Co., wireless apparatus, C. & Fargo, Boston, Mass.
Wirsching Co., organs, Salem, Ohio.
Wirsching, Louis, Jr., architect, 10 E. 14th, New York.
Wirsing, H. M., architect, New Castle, Pa.
Wirsing & Son, contractors, 2110 Mohegan av, New York.
Wirt Company, dim-a-lite electrical specialties, Armat & Lena, Germantown, Philadelphia, Pa.
Wirt & Knox Mfg. Co., hose carriages & carts, 23d & York, Philadelphia, Pa.
Wirt, Paul E., rubber goods, Bloomsburg, Pa.
Wirth, Carl, architect, 13 W. Superior, Duluth, Minn.
Wirth, John D., special automatic machinery & tools, New Haven, Conn.
Wirth, P., & Son, contractors, Louisville, Ky.
Wirthlin-Mann Co., mill & facty supplies, 329 W. 3d, Cincinnati, Ohio.
Wirtz & Hernlen, agricultural implements, Augusta, Ga.
Wischerth Mfg. Co., machsts., 302 McDougal, Brooklyn, N. Y.
Wischhusen, John, contractor, 811 Butternut, N. W., Washington. D. C.
Wis. Aluminum Fdry. Co., castings, Manitowoc, Wis.
Wis. & Arkansas Lumber Co., Wausau, Wis.
Wis. Auto. Top Co., Racine, Wis.
Wis. Bag & Burlap Co., Neenah, Wis.
Wis. Box Co., packing, Wausau, Wis.
Wis. Brick Co., Madison, Wis.
Wis. Bridge & Iron Co., structural steel & bridges, No. Milwaukee, Wis.
Wis. Bridge & Iron Works, Monadnock Bldg., Chicago, Ill.
Wis. Butter & Cheese Co., canned goods, Waukesha, Wis.
Wis. Canning Co., Winneconne, Wis.
Wis. Cement Const. Co., 1000 Humboldt av, Milwaukee, Wis.
Wis. Chair Co., telephone cabinet work, Port Washington, Wis.
Wis. Condensed Milk Co., canned, Burlington, Wis.
Wis. Culvert Co., Madison, Wis.
Wis. Cylinder Fdry. Co., Racine, Wis.
Wis. Electric Co., elec. appliances & portable grinders 1600 Junction av, Racine, Wis. *See adv index at end of book.*
Wis. Farm Implement Co., machsts., Beloit, Wis.
Wis. Farm Tractor Co., Sash City, Wis.
Wis. Fndry. & Mach. Co., Madison, Wis.
Wis. Fndry. & Steel Wks., Cedar Grove, Wis.
Wis. Granite Co., 11 S. La Salle, Chicago, Ill.
Wis. Graphite Co., Stevens Point, Wis.
Wis. Incubator Co., Racine, Wis.
Wis. Iron & Metal Co., Oshkosh, Wis
Wis. Iron & Wire Works, ornamental iron & bronze mfrs., 1660 Booth, Milwaukee, Wis.
Wis. Knitting Mills, sweaters, cardigans, etc., Manitowoc, Wis.
Wis. Land & Lumber Co., Hermansville, Mich.
Wis. Lime & Cement Co., 133 W. Washington, Chicago, Ill.
Wis. Lumber Co., 606 S. Michigan av, Chicago, Ill.
Wis. Machinery & Mfg. Co., 51st & Burnham, Milwaukee, Wis.
Wis. Malleable Iron Co., S. Bay, Milwaukee, Wis.
Wis. Metal Products Co., currycombs, cutting dies, hdwe. mfrs. & sheet metal stamping, Racine, Wis.
Wis. Motor Mfg. Co., airplane engines, 44th av & Burnham, Milwaukee, Wis.
Wis. Pea Canners Co., canned goods, Manitowoc, Wis.
Wis. Pearl Button Co., La Crosse, Wis.
Wis. Plumbing & Heating Supply Co., 298 Reed, Milwaukee, Wis.
Wis. Pulp Wood Co., Neenah, Wis.
Wis. Red Pressed Brick Co., 200 Lumber Exchange, Minneapolis, Minn.
Wis. Refrigerator Co., Eau Claire, Wis.
Wis. River Paper & Pulp Co., Neenah, Wis.
Wis. Sanitary Cow Milkers Co., cow milking machines, Watertown, Wis.
Wis. Stable Equipment Co., cattle stanchions, Oconomowoc, Wis.
Wis. Steel Co., blast furnaces, 606 S. Michigan, Chicago, Ill.
Wis. Textile Mfg. Co., textile machy. supplies, etc., Two Rivers, Wis.
Wis. Timber Co., lumber, Arlington, Wash.
Wis. Timber & Land Co., lbr. mfrs., Sheboygan, Wis.
Wis. Tunnel & Construction Co., 221 Grand av, Milwaukee, Wis.
Wis. Veneer Co., Rhinelander, Wis.
Wis. Wire Wks., Appleton, Wis.
Wisdom & Co., glue mfrs., 217 W. Lake, Chicago, Ill.
Wise, August, lumber, Ft. Loramie, Ohio.
Wise & Bailey, mill & facty. supplies, 108 Walnut, Phila., Pa.
Wise, C., & Bro., brick, Lancaster, Pa.
Wise Furnace Co., Akron, Ohio.
Wise, G. W., Co., glass stainers, 86 Federal, Boston, Mass.
Wise Granite & Construction Co., contractors—bldg. & gen., Richmond, Va.
Wise, H., lbr. mfrs., La Porte, Ind.
Wise, Herbert C., architect, Franklin Bldg., Phila., Pa.
Wise, J. B., Inc., machsts. & fndrs., plumbers' supplies, hdwe. mfrs., etc., Watertown, N. Y.
Wise, J. H., Constr. Co., contractors, Victoria Bldg., St. Louis, Mo.
Wise, L., & Bros., tallows, 36 Main, Cincinnati, Ohio.
Wise, Lorrillard, architect, 254 Huguenot, New Rochelle, N. Y.
Wise Lumber & Coal Co., masons' & bldrs.' matls., Bangor, Pa.
Wise-McClung Mfg. Co., vacuum cleaners, sweepers & washing Machines, New Philadelphia, Ohio.
Wise, R. S., machst, upland, Ind.
Wise, Silas W., contractor, Cumberland, Md.
Wise Soda Apparatus Co., Bellevue, Ohio.
Wise & Son, contractors, Springfield, Ill.
Wise Sportsman's Supply Co., Great Northern Bldg., Chicago, Ill.
Wise & Upson, contractor, Hartford, Conn.
Wise, W. F., architect, Tyrone, Pa.
Wiseman, Harrison G., architect, 507 5th av, New York.
Wiseman, T. B., architect, Bakersfield, Cal.
Wisenall, Bernard T., architect, 1st Nat'l Bk. Bldg., Cincinnati, Ohio, & 1st Nat'l Bk. Bldg., Covington, Ky.
Wiser, Albert C., architect, R. A. Long Bldg., Kansas City, Mo.
Wise's, Sam'l B., Sons, carriages, Orrstown, Pa.
Wish, Harold H., architect, 102 Exch., Portland, Me.
Wishart, A., & Sons Co., masons' & bldrs.' matls.—contractors, Sharon, Pa.
Wishart, R. S., Co., cornices, Minneapolis, Minn.
Wishkah Shingle Co., lumber, Aberdeen, Wash.
Wiskocil, A. V., architect, 692 Island av, Milwaukee, Wis.
Wiss, J., & Sons Co., cutlery mfrs., 31 Littleton av, Newark, N. J.
Wissinoming Tool Wks., pneumatic chisels, Wissinoming, Phila., Pa.
Wissler, A., engineers instruments & supplies, 601 N. Broadway, St. Louis, Mo.
Wissmach Paul Glass Co., Meadow, Long Island City, N. Y.
Wissner, Henry, stone producers, 1715 Washington av, N. S., Pittsburgh, Pa.
Wissner, O., pianos, 55 Flatbush av, Brooklyn, N. Y.
Wistar, Underhill & Nixon, lbr., Real Estate Trust Co. Bldg., Philadelphia, Pa.
Wistrand Mfg. Co., agricultural implements, Galva, Ill.
Wiswall Paint Co., 2413 E. Huntingdon, Phila., Pa.
Witbeck, Clark Co., mill, facty. & railway supplies, whol. hdwe., Schenectady, N. Y.
Witbonce Mfg. Co., gauge cocks, 24 Porter, Boston, Mass.
Witch Mfg. Co., roof flanges, Salem, Mass.
Witchell-Scheill Co., baseball shoes, 168 Bklyn, Detroit, Mich.
Witcombe, McGeachin & Co., linoleum, 22 W. 37th, New York.
Witcover, H. W., architect, Nat. Bk. Bldg., Savannah, Ga.
Witenberg Mfg. Co., canvas gloves, Tacoma, Wash.
Witham Co., machsts., Hoosick Falls, N. Y.
Witham, G. S., & Son, axe mfrs., cant-dogs, Caratunk, Me.
Witherbee Igniter Co., machsts., 1904 Broadway, New York.
Witherbee, Sherman & Co., iron ores, 2 Rector, New York.
Witherell, L. M., & Sons, contractors, Taunton, Mass.
Witherow Steel Co., bars & small shapes, Keystone Bldg., Pittsburgh, Pa.
Withers, B. F., masons' & bldrs.' matls., Charlotte, N. C.
Withers Fdry. & Mach. Wks., Atlanta & Cartersville, Ga.
Withers & Van Devender, lumber, Parkersburg, W. Va.
Witherspoon-Englar Co., contractors, 53 W. Jackson blvd., Chicago, Ill.
Withey Bros., carriages, Springfield, Ill.
Withey, Henry F., architect, Van Nuys Bldg., Los Angeles, Cal.
Withgott, W. H., & Co., machsts. & fndrs., Easton, Md.
Withington, C. W., machinist, 416 2d, San Francisco, Cal.
Withrow Mfg. Co., baby carriages, 2727 Spring Grove av, Cincinnati, Ohio.
Witker Mfg. Co., sashes, doors & blinds, Toledo, Ohio.
Witmer, D. J., architect, 405 S. Hill, Los Angeles, Cal.
Witt, Aug., contractor, 913 S. Western, Chicago, Ill.
Witt & Brown, cornices, windows, 215 W. 3d, Cincinnati, Ohio.
Witt Cornice Co., 2118 Winchell av, Cincinnati, Ohio.
Witt, Ferdinand, architect, 569 5th av, New York.
Witt, G. E., Co., machinist, 862 Howard, San Francisco, Cal.
Witt, S. W. & J. W., flour mills, Nellyford, Va.
Witt, Seibert & Co., architects, Texarkana, Ark.
Witt-Will Co., automobile bldrs., Washington, D. C.
Witte Engine Works, distillate engines, portable saw rigs & shafting couplings, 16th & Oakland, Kansas City, Mo.
Witte, Francis T., Hardware Co., 106 Chambers, New York.
Witte, Gustave, Jr., brick, Hika, Wis.
Witte Hardware Co., 706 N. 3d, St. Louis, Mo.
Witte, J. C., Mfg. Co., desk mfrs., 30 E. Henn av, Minneapolis, Minn.
Witte & Umrath Hdwe. Co., 920 Franklin av, St. Louis, Mo.
Wittekind, Henry, architect, 1547 Jarvis av, Chicago, Ill.
Wittemann Bros., machsts., 41 Ferris, Brooklyn, N. Y.
Wittemann Co., machsts., 842 Elk, Buffalo, N. Y.
Wittemeir's, F., Sons, corn & whisk brooms, Fort Hunter, N. Y.
Witten, B. V., & Sons, masons' & bldrs.' matls., Byesville, O.
Witter, Jno., brick, Bucyrus, Ohio.
Wittich, Hy., Carriage & Wagon Co., 1222 N. 7th, St. Louis, Mo.
Wittig, A. F., contractor, 2554 Bailey av, Buffalo, N. Y.
Wittig, F., & Co., charcoal, 36th & Greenfield av, Milwaukee, Wis.
Wittkowsky, H., carriages, 203 E. 88th, New York.
Wittman, N. B., & Co., iron ore, Commercial Trust Bldg., Phila., Pa.
Witts & Witts, common brick, Sullivan, Ill.
Witty, Chas. H., & Co., cotton damasks, Wayne & Berkley, Philadelphia, Pa.
Witty, Wm. C., carriages, New Brunswick, N. J.

Wix, Chas., & Co., paint mfrs., 45 Vesey, New York.
Wizard Electric Lamp Co., 147 New Montgomery, San Francisco, Cal.
Wizard Mfg. Co., brass, bronze & grey iron castings, 92 Water, Boston, Mass.
Wizard Mfg. Co., roof flanges, 15 Fayette, Boston, Mass.
Wizard Products Co., mops, 1444 W. 37th, Chicago, Ill.
Wobosel, Matthew, stone producers, De Pere, Wis.
Woburn Degreasing Co., Woburn, Mass.
Woburn Gear Works, Woburn, Mass.
Woburn Iron Foundry, Woburn, Mass.
Woburn Leather Co., patent & enameled leather, Woburn, Mass.
Woburn Machine Co., Woburn, Mass.
Wocher, H. M., & Son, varnish mfrs., 1222 W. College av, Phila., Pa.
Wocher, Max, & Son, Co., surgical & dental instruments & hospital furniture, 19 W. 6th, Cincinnati, Ohio.
Wodrich & Son, contractors, Metropolitan Life Bldg., Minneapolis, Minn.
Wodtli, Fred., lbr., Foster, Ore.
Woeber Car & Mfg. Co., Denver, Colo.
Woeber Carriage Works, Davenport, Iowa.
Woeck & Behrens, contractors, Arcade Bldg., Seattle, Wash.
Woefel & Bros., mattresses, 1703 Fleet, Baltimore, Md.
Woehler, Geo., brick, Haubstadt, Ind.
Woelfel Leather Co., Morris, Ill.
Woelkers, Herman J., & Co., contractors, Scranton, Pa.
Woerfel, Adolph, brick, Manitowoc, Wis.
Woerman Constr. Co., Century Bldg., St. Louis, Mo.
Woerner, Adolph, architect, 3166 Lincoln av, Chicago, Ill.
Woerner, F. J., architect, Sumpter Bldg., Dallas, Tex.
Woerner, M. N., mattresses, 616 Blackhawk, Chicago, Ill.
Wogaman Bros. Co., machinists, Greenville, Ohio.
Wogan, Maurice A., contractor, 1st Nat. Bk. Bldg., Denver, Colo.
Wogan, Victor, Esq., architect, Title Guarantee Bldg., New Orleans, La.
Wohl, M. J., & Co., arc lamps, 211 Fulton, Brooklyn, N. Y.
Wohleb, J. H., architect, Olympia, Wash.
Wohlfeld S., & Bro., auto trunks, 538 N. 3d, Phila., Pa.
Wohlpart, Adolph P., architect, 2 W. 45th, New York.
Wohlsen, Herman F., contractor, Lancaster, Pa.
Wohlsen Planing Mill Co., sash, door & blind, 417 N. Mulberry, Lancaster, Pa.
Wolcott Brick & Drain Tile Co., Wolcott, Ind.
Wolcott Bros., lbr. mfrs., Manchester, Ia.
Wolcott, J. F., & Co., flour mills, South Carrollton, Ky.
Wold Air Brush Mfg. Co., 716 W. Madison, Chicago, Ill.
Wold, C. L., Co., contractors, 75 Sutter, San Francisco, Cal.
Wold, Torris & Co., can making machinery, 240 N. Ashland av, Chicago, Ill.
Woldert Grocery Co., nut crackers & picks, Tyler, Tex.
Wolf, A. C., architect, Swetland Bldg., Cleveland, Ohio.
Wolf Bros., press papers & boards, 330 N. 12th, Phila., Pa.
Wolf Bros., cornices & skylights, Topeka, Kan.
Wolf Bros., Tent & Awning Co., Omaha, Neb.
Wolf, C. K., gate hinges, Xenia, Ohio.
Wolf, Chas., masons' & bldrs.' matls., 204 Waverley av & Peshine, Newark, N. J.
Wolf, Clarence J., architect, 3 S. 3d av, Mount Vernon, N. Y.
Wolf & Co., advtg. nov. & spec., Callowhill & 12th, Phila., Pa.
Wolf Co., flour mill machinery, Chambersburg, Pa.
Wolf & Co., scrap iron, Hamilton, Ohio.
Wolf Concrete Constr. Co., 290 Palisade av, Bridgeport, Conn.
Wolf Creek Soap Wks., Dayton, Ohio.
Wolf Elec'l. Promoting Co., cutting machs. for fabrics, 5th & Sycamore, Cincinnati, O.
Wolf Envelope Co., 1270 Ontario av, Cleveland, Ohio.
Wolf & Ewing Construction Co., Hume-Mansur Bldg., Indianapolis, Ind.
Wolf, F. H., Brick Co., 1467 Central av, Detroit, Mich.
Wolf, Fred W., Co., mill & facty., supplies, 827 Rees, Chicago, Ill.
Wolf, Geo. B. Mc., contractor, Hagerstown, Md.
Wolf, Henry F., machst. & fndr., Plymouth, Wis.
Wolf, Herman & Co., varnish mfrs., 214 W. Liberty, Cincinnati, Ohio.
Wolf, Jacques, & Co, chemicals, alizarine assistant, 369 Harrison, Passaic, N. J.
Wolf, John M., Co., stove polish, 742 Flushing av, Brook'n, N. Y.
Wolf, Leon L., Paint Co., 304 Lincoln Inn Ct, Cincinnati, Ohio.
Wolf, Louis, stone producers, Berlin, Pittsburgh, Pa.
Wolf Mach. Co., sash operating device, Dayton, Ohio.
Wolf Mfg. Co., harness mfrs., Quincy, Ill.
Wolf Milling Co., flour, Ellinwood, Kans.
Wolf, Otto C., brewery architect, Denckla Bldg., Phila., Pa.
Wolf, Paul E., Bedding Co., mattresses, Ft. Wayne, Ind.
Wolf, Penrose, lumber, Rockwood, Pa.
Wolf Pipe Co., Detroit, Mich.
Wolf River Paper & Fibre Co., Shawano, Wis.
Wolf Safety Lamp Co. of Am., 80 Washington, New York.
Wolf, Sayer & Heller, slicing & talking machines, presses, etc., Fulton & Peoria, Chicago, Ill.
Wolf, W., & Sons, cotton waste, 549 Atlantic av, Boston, Mass.
Wolfberg, Jacob, mattresses, Altoona, Pa.
Wolfe, Arthur C., brick, Mount Vernon, Ohio.
Wolfe, B. F., & Co., mill & facty. supplies, Dallas, Tex.
Wolfe Brush Co., brush mfrs., 1805 Beaver av, Pittsburgh, Pa.
Wolfe, C. M., contractor, Fremont, Ohio.
Wolfe, Chas. E., architect, Pomona, Cal.
Wolfe, D. M., Co., contractors, 7827 Hamilton av, Pittsburgh, Pa.
Wolfe, F. D., architect, Anzerais Bldg., San Francisco, Cal.
Wolfe, F. L., contractor, Two Rivers, Wis.
Wolfe, Geo. Morton, architect, 638 Ellicott sq, Buffalo, N. Y.
Wolfe, J. N., sashes, doors & blinds, Bogota, N. J.
Wolfe & Jelson, contrs., West Orange, N. J.
Wolfe, John, architect, 2 W. 47th, New York.
Wolfe Lbr. & Hdwe. Co., whol. hdwe., 2299 Folsom, San Francisco, Cal.
Wolfe, M. L., Auto. Co., machsts., Knoxville, Tenn.
Wolfe, Matt W., Carrollton, Ohio.
Wolfe, R. H, & Son, flour mills, Georgetown, Ky.
Wolfe, T. B., architect, Perrysville av, Pittsburgh, Pa.
Wolfe, W. S., machinist, Wilson, Kans.
Wolfenden, Daniel, mill & facty. supplies, 232 Arch, Phila., Pa.
Wolff Bros., contrs., Jefferson City, Mo.
Wolff, Chas., Packing Co., Topeka, Kans.
Wolff, E. M., & Co., granite producers, Mansfield, Ohio.
Wolff & Ewens, architects, 437 E. Water, Milwankee, Wis.
Wolff, Fred'k E., printing inks, 607 S. Dearborn, Chicago, Ill.
Wolff, J. R., lumber mfr., Bingen, Ark.
Wolff, Kubley & Hirsig, cornices, Madison, Wis.
Wolff, L., Mfg. Co., plumbers' supplies, jobbers', 111 N. Dearborn, Chicago, Ill.
Wolff, L., Mfg. Co., torches, 601 W. Lake, Chicago, Ill.
Wolff Metal Co., 1803 John, Cincinnati, Ohio.
Wolff Milling Co., flour, New Haven, Mo.
Wolff Norbert Co., belt & rope dressing, 40 Renwick, New York.
Wolff, Philip, & Son, contractors, 17 Wright, Stapleton, N. Y.
Wolff, Wm. D., & Co., heating contrs., 108 S. 13th, Newark, N. J.
Wolfington's, Alex., Son, carriages, 8 N. 20th, Philadelphia, Pa.
Wolflin-Luhring Co., lbr. mfrs., Evansville, Ind.
Wolfschlag, Jos. A., machsts. & fndrs., 456 Pearl, New York.
Wolfshum & Sachs, jewelry cases, 35 Maiden la, New York.
Wolfson Bros. Umbrella Co., 392 B'way, New York.
Wolfson Tray Co., Columbus, Ga.
Wolfsteiner Co., cornices & skylights, 1315 W. W. W., Waterbury, D. C.
Wolins & Bull, Inc., contrs., 214 Fulton, New York.
Woll, F. P. & Co., curled hair, Church & Tacony, Phila., Pa.
Woll, Peter, & Sons Mfg. Co., curled hair, bristles, Mascher & Berks, Philadelphia, Pa.
Wollaston Fndry. Co., semi-steel castings, Quincy, Mass.
Wollensak Optical Co., Rochester, N. Y.
Wollenweber, O., Co., lumber mfrs., White Bldg., Seattle, Wash.
Wolsh Boiler & Iron Wks., tanks & boilers, 221 Liberty, Springfield, Mass.
Wolstencroft Felt Mfg. Co., Mulberry & Bridge, Phila., Pa.
Wolters Bros., brick, Atchison, Kans.
Wolters, Henry, architect, Board of Trade Bldg., Louisville, Ky.
Woltersdorf, Arthur, architect, 138 N. La Salle, Chicago, Ill.
Wolterstorff Range Co., 66 E. 3d, St. Paul, Minn.
Woltman Carriage & Wagon Co., Woodland av, Cleveland, Ohio.
Woltz, Jas. W., architect, Waynesboro, Pa.
Wolverine Automobile Co., Toledo, Ohio.
Wolverine Brass Works, plumbers' supplies, 620 Monroe av, Grand Rapids, Mich.
Wolverine Burial Case Co., coffins, etc., 245 Larned, E., Detroit, Mich.
Wolverine Leather Goods Co., Jefferson & Case avs, Detroit, Mich.
Wolverine Lubrts. Co., 78 Broad, New York.
Wolverine Lbr. Co., Bay City, Mich.
Wolverine Mch. Wks., Saginaw, Mich.
Wolverine Motor Wks., machsts., Bridgeport, Conn.
Wolverine Paper Co., Otsego, Mich.
Wolverine Portland Cement Co., Coldwater, Mich.
Wolverine Saw Co., Detroit, Mich.
Wolverine Soap Co., Portland, Mich.
Wolverine Supply & Mfg. Co., machsts. & fndrs., Page & Fontella, Pittsburgh, Pa.
Wolverine Temperature Regulators Co., thermostats, 125 Exchange, Marshall, Mich.
Womack, A. L., Co., canned goods, Bristol, Tenn.
Womack, C. W., & Co., contractors, Lynchburg, Pa.
Wombie's, J. G., Sons, wholesale hdwe., Norfolk, Va.
Womble, Pembroke M., lbr. mfrs., Elliott & Inwood av, Baltimore, Md.
Wonder Mfg. Co., machsts., Syracuse, N. Y.
Wonder Spool Co., tex. machy., supplies, etc., 13 Wormwood, Boston, Mass.
Wonder Talking Mach. Co., 105 E. 12th, New York.
Wonderly, Abner H., machsts. & fndrs., 621 Commerce, Philadelphia, Pa.
Wondermist Co., floor & furniture polish, 261 Franklin av, Boston, Masss.
Wondertone Phonograph Co., talking machines, 19 W. Jackson blvd, Chicago, Ill.
Wood, A. A., & Sons Co., machsts. & fndrs., Atlanta, Ga.
Wood, A. C., textile machinery supplies, Advance, N. C.
Wood, A. M., Co., lbr., Charlestown, Boston, Mass.
Wood, A. M., & Co., scrap iron & steel, Commercial Trust Bldg., Phila., Pa.
Wood Alan Iron & Steel Co., iron rolling mill, Conshohocken, Pa.

Wood & Allison, brick, Haverstraw, N. Y.
Wood, Arthur W. B., architect, 103 Park av, New York.
Wood, Beder, Sons Co., masons' & bldrs.' matls., Moline, Ill.
Wood & Bishop Co., furnaces, etc., Bangor, Me.
Wood & Bradney, architects, Mutual Life Bldg., Buffalo, N. Y.
Wood, Brightman & Co., cornices, skylights & plumbers' supplies,, New Bedford, Mass.
Wood Brothers, fertilizer, Conyers, Ga.
Wood Bros., masons' & bldrs.' matls., Linwood Station, Pa.
Wood Bros. Thresher Co., Des Moines, Ia.
Wood, C. D., Elec. Co., lamps, flashlights, etc., 441 B'way, New York.
Wood, C. H., Co., mill & facty. supplies, machy. dlrs., Syracuse, N. Y.
Wood, C. L., masons' & bldrs.' matls., Piqua, Ohio.
Wood, C. W., masons' & bldrs.' matls., Andover, Ohio.
Wood, Calvin, brass composite fundrs., Laconia, N. H.
Wood, Chas. N., Co., electric railway specialties, 14 Federal, Boston, Mass.
Wood, Chas. R., architect, Realty Bldg., Spokane, Wash.
Wood, Clarence W., plate & leaded glass, Syracuse, N. Y.
Wood Drill Wks., machsts., Paterson, N. J.
Wood, E. K., Lumber Co., East Oakland, San Francisco, Cal.
Wood, E. M., architect, Alma, Mich., & 126 N. 8th, Quincy, Ill.
Wood, E. O., drawers (cash or money), Nashua, M. H.
Wood, Edw. J., Clarksburg, W. Va.
Wood, Edwin T., fndrs., Lyndonville, Vt.
Wood Equipment Co., rotary dumps, McCormick Bldg., Chicago, Ill.
Wood, Ewing, Iron Works, Portland, Ore.
Wood, F. A., cornices & skylights, Skowhegan, Me.
Wood, F. B., contractor, 64 Gibson, Detroit, Mich.
Wood, Frank V., wood handles, Valley City, Ohio.
Wood, Fred B., architect, 2239 Steiner, San Francisco, Cal.
Wood, G. E., Tool Co., hdwe. mfrs., Plantsville, Conn.
Wood, Geo. E., architect, 103 Park av, New York.
Wood, Geo. E., Lumber Co., 230 S. La Salle, Chicago, Ill.
Wood, Geo. H., architect, Everett, Mass.
Wood, Geo. H., Corp., rubber cements, 146 Summer, Boston, Mass.

Wood Glass Co., Syracuse, N. Y.
Wood, H. C., Co., contractors, North Adams, Mass.
Wood, H. H., & Co., socks—lumbermen's, Lakeport, N. H.
Wood, H. P., & Son, whol. hdwe., 20 Reade, New York.
Wood & Hare, glue, cements, 66 Leonard, New York.
Wood, Harvey I., Co., elec. & gas light fix. mfrs., Louisville, Ky.
Wood Hydraulic Hoist & Body Co., 1026 Bellevue, Detroit, Mich.
Wood & Iverson, lumber, Hobart, Wash.
Wood, J., & Bros. Co., iron rolling mills, Conshohocken, Pa.
Wood, J. Edwin, Co., steam fitters' supplies, Charlottesville, Va.
Wood, J. J., & Son, contractors, Elwood, Ind.
Wood, J. R., Supply Co., mill & facty. supplies, 917 B'way, Cincinnati, Ohio.
Wood, J. W., Elastic Web Co., shock absorbers, 45 E. 17th, New York.
Wood, J. W., Elastic Web Co., 181 N. Lake, Chicago, Ill.
Wood, Jas. A., lumber, Ames Bldg., Boston, Mass.
Wood, Jas. M., architect, Wilmette, Ill.
Wood, Jas. P., Htg. Co., 239 N. 4th, Philadelphia, Pa.
Wood, John A., & Son Co., masons' & bldrs.' matls., Lawrence, N. Y.

Wood, John, Iron Wks., Portland, Ore.
Wood, Jno., Mfg. Co., machsts. & fndrs., Conshohocken, Pa.
Wood, L. M., architect, 629 Kansas av, Topeka, Kans.
Wood, L. S., contractor, Springfield, Mass.
Wood, Lumber & Coal Co., masons' & bldrs.' matls., Chester, Pa.
Wood, Lyman, Mfg. Co., machsts. & fndrs., Racine, Wis.
Wood Mfg. Co., auto. lamps, searchlights or projectors, Fairfield, Conn.
Wood, Morris, & Son, machsts., 5108 W. Lake, Chicago, Ill.
Wood-Mosaic Co., parquet flooring, 130 W. 42d, New York, & New Albany, Ind.

Wood, N. A., canned goods, Troutville, Va.
Wood, Newman, fertilizer, Sandersville, Ga.
Wood, P. D., & Co., masons' & bldrs.' matls., Warrenton, Va.
Wood Products Co., alcohol, Buffalo, N. Y.
Wood, R. D., & Co., engineers, iron fndrs., machsts—multiple punching machs., 400 Chestnut, Philadelphia, Pa.
Wood, R. E., Lumber Co., Continental Trust Bldg., Baltimore, Md.
Wood River Iron Works, Inc., Hope Valley, R. I.
Wood River Iron Wks., Inc., marine steam engines & steering gears, 817 E. 9th, New York.
Wood, S. C., & Son, elastic hosiery, Pittsfield, Mass.
Wood, S. L., stoves, 1249 S. Figueroa, Los Angeles, Cal.
Wood, S. W., Engine Co., Clyde, N. Y.
Wood & Selick, paste, 36 Hudson, New York.
Wood Shovel & Tool Co., Piqua, Ohio.
Wood & Simpson, architects, 110 Sutter, San Francisco, Cal.
Wood, Smith & Co., machsts., Chicago Heights, Ill.
Wood & Spencer Co., machsts. & fndrs., Cleveland, Ohio.
Wood, Stubbs & Co., fertilizer mfrs., Louisville, Ky.
Wood, T. B., Sons Co., power transmission machy., Chambersburg, Pa.

Wood, T. C., Hardware Co., Rhinelander, Wis.
Wood, T. H., Co., fish line mfrs., South Coventry, Conn.
Wood, Theo. C., masons' & bldrs.' matls., 613 Greenwich, New York.
Wood, Thos., stone, Montclair, N. J.
Wood Turning Machine Co., Beloit, Wis.
Wood Turret Mach. Co., Brazil, Ind.
Wood & Van Derwerken Varnish Co., 33 Wythe av, Brooklyn, N. Y.
Wood, Vest & Co., masons' & bldrs.' matls., Charlottesville, Va.
Wood, W. A., Co., lubrg. oils, 373 Atlantic av, Boston, Mass.
Wood, W. C., Lumber Co., Collins, Miss.
Wood, W. E., Co., contractors, Ford Bldg., Detroit, Mich.
Wood, W. E., Co., steam fitters' supplies, 18 N. Howard, Baltimore, Md.
Wood, W. G., & Son, canned goods, Roanoke, Va.
Wood, W. H., machst., Media, Pa.
Wood, W. J., naval archt., 140 W. Van Buren, Chicago, Ill.
Wood, W. Wilton, masons' & bldrs.' matls., Huntington, N. Y.
Wood, Waddy B., architect, 816 Conn. av., N. W., Washington, D. C.
Wood, Walter A., Mowing & Reaping Machine Co., Hoosick Falls, N. Y.
Wood, Wm. A., architect, Bullitt Bldg., Philadelphia, Pa.
Wood, Wm. F., & Son, lenses, South Coventry, Conn.
Wood, Wm. H., Lbr. Co., Cambridge, Mass.
Wood, Williston P., lumber, Grand Valley, Pa.
Wood Workers' Tool Wks., knives, 230 S. Clinton, Chicago, Ill.
Wood Working & Stair Building Co., sash, door & blind, Williamsport, Pa.

Woodall Mfg. Co., machsts. & fndrs., Davenport, Ia.
Woodall, Wm. E., & Co., ship bldrs., Baltimore, Md.
Woodard, J. Carlton, architect, 4102 Ibis, San Diego, Cal.
Woodard Machine Co., mfrs. Canton-Hughes pumps, etc., Wooster, Ohio.
Woodard & Wright Last Co., wooden shoe lasts, Brockton, Mass.
Woodason, Thos., blacksmiths' bellows, 2900 D., Philadelphia, Pa.

Woodbridge Clay Products Co., fire clay, Perth Amboy, N. J.
Woodbridge, F. L., Box Co., Brockton, Mass.
Woodbridge Pottery Co., Woodbridge, N. J.
Woodbridge, S. Homer, consltg. htg. engr., 739 Boylston, Boston, Mass.
Woodburn Lumber Co., Woodburn, Ind.
Woodburn Tile & Brick Co., Woodburn, Ind.
Woodbury & Co., cameras, Worcester, Mass.
Woodbury, D. H., architect, 53 State, Boston, and Littleton, Mass.
Woodbury, Geo. E., ore concentrators, 238 Townsend, San Francisco, Cal.
Woodbury Glass Co., glass bottles, Winchester, Ind.
Woodbury Granite Co., granite producers & workers, Hardwick, Vt.
Woodbury, I. F., & Sons Co., contractors, 185 Summer, Boston, Mass.
Woodbury Label Co., mfrs., Woodstock, Vt.
Woodbury Mill & Lumber Co., sash, door & blind, Woodbury, N. J.
Woodbury Oil Mills, Woodbury, Ga.
Woodbury & Stuart, architects, 53 State, Boston, Mass.
Woodcock, A. B., blankets, flannels, woolen, Waterside, Pa.
Woodcock Bros., granite, Barre, Vt.
Woodcock Bros., mill & facty. supplies, 165 N. Jefferson, Chicago, Ill.
Woodcock, Clarence, contractor, Burlington, Ia.
Woodcock, O. P., contractor, Jacksonville, Fla.
Woodcox, I. N., & Son, mill & facty. supplies, Piqua, Ohio.
Wooden Ventilator Co., East Palestine, Ohio.
Woodfall Bros., smelters & refiners, 1105 Fairmount av., Phila., Pa.
Woodford, H. W., lumber mfrs., Avon, Conn.
Woodhead Lbr. Co., Los Angeles, Cal.
Woodhouse, J. S., Co., agricultural implements, 191 Water, New York.
Woodhouse, John H., sash, door & blind mfr., 1 Bishop, Jersey City, N. J.
Woodhouse Mfg. Co., water towers, hose carts, etc., 64 W. B'way, New York.
Woodhouse, Sam'l F., varnish, color mfr., etc., Unity & Franklin, Phila., Pa.

Woodhouse, Wm., Chain Works, Trenton, N. J.
See adv index at end of book.
Woodin & Little, mill & facty. supplies—engines, etc., 33 Fremont, San Francisco, Cal.
Wooding, C. F., & Co., Wallingford, Conn.
Woodison, E. J., Co., parting compounds, fire brick & fndry. requisites, 53 Buhl, Detroit, Mich.
Woodland Mfg. Co., coffins, George, N. C.
Woodlawn Mach. Screw Co., Pawtucket, R. I.
Woodlawn Metal Co., scrap brass, copper, etc., 200 5th av, New York.
Woodlawn Repair Co., machsts., 6132 Cottage Grove av, Chicago, Ill.
Woodlawn Supply Co., masons' & bldrs.' matls., Birmingham, Ala.
Woodley Slate Co., Bangor, Pa.
Woodley Soap Mfg. Co., 33 Norfolk av, Rox., Boston, Mass.
Woodley, Wm. T., contractor, 6 N. Clark, Chicago, Ill.
Woodlife Co., shingle stains, 262 Fulton, Brooklyn, N. Y.

Woodman, R., Mfg. & Supply Co., badges & emblems, 82 Sudbury, Boston, Mass.
Woodmanse Mfg. Co., machsts. & fndrs., Freeport, Ill.
Woodmansee, F. A., inks, paste, etc., 117 E. Pearl, Cincinnati, O.
Woodnutt, C. E., contractor, Williamsport, Pa.
Woodnutt & Schmohl, architect, Williamsport, Pa.
Woodoleum Mfg. Co., sanitary flooring, 1125 Chestnut, Philadelphia, Pa.
Woodring, Jeremiah, & Co., whol. hdwe., mill & facty. supps., Hazelton, Pa.
Woodroofe, A., architect, Berlin Bldg., Tacoma, Wash.
Woodroofe, Griffin & Hill, architects, Tacoma Bldg., Tacoma, Wash.
Woodrow Mfg. Co., elec. washing machines, Newton, Iowa.
Woodruff, C. Curtis, & Co., contractors 211 10th, Long Island City, N. Y.
Woodruff & Chambers, contractors, Houston, Tex.
Woodruff Cotton Mills, Woodruff, S. C.
Woodruff & Edwards Co., archl. & ornmtl. iron, Elgin, Ill.
Woodruff, H. B., architect, 281 4th av, New York.
Woodruff, J. C., architect, Minot, N. D.
Woodruff, John T., & Son, contractors, 1 Bridge Plaza, Long Island City, N. Y.
Woodruff Lbr. Co., Duluth, Minn.
Woodruff Machy. Mfg. Co., machsts. & fndrs., Winder, Ga.
Woodruff Oil & Fertz, Co., meal, Woodruff, S. C.
Woodruff Planing Mill Co., Cadiz, Ky.
Woodruff, S. D., & Sons, fertilizer mfrs., Orange, Conn.
Woodruff, W. W., Hardware Co., Knoxville, Tenn.
Woodruff, W. W., & Sons Co., hdwe. mfrs., machsts. & fndrs.—felloe plates, Mount Carmel, Conn.
Woods, A. W., architect, Ganter Bldg., Lincoln, Neb.
Wood's, Beder, Sons Co., masons' & bldrs.' matls., Moline, Ill.
Woods Bros., Silo & Mfg. Co., Lincoln, Neb.
Woods, C. E., & Son, masons' & bldrs.' matls, Keene, N. H.
Woods & Co., wooden tanks, 59 Park pl, New York.
Woods Cross Canning Co., Woods Cross, Utah.
Woods & Down, pckg. box mfrs., 13th & Mullanphy, St. Louis, Mo.
Woods, Edwin S., & Co., side bearings, 332 S. Michigan av, Chicago, Ill.
Woods Engineering Co., Alliance, Ohio.
Woods-Evertz Stove Co., Springfield, Mo.
Woods, F. C., & Co., fishing tackle, mfrs., Alliance, Ohio.
Woods, Frank W., architects, 212 Union, Providence, R. I.
Wood's, G. R., Sons Co., wood pipes, pumps, logs, Sheffield, Pa.
Woods & Golder Constr. Co., New Castle, Pa.
Wood's, Henry, Sons Co., yellow chrome, Wellesley, Mass.
Woods, Huddart & Gunn, steel reinforcing bars, 444 Market, San Francisco, Cal.
Wood's, I. B., Sons Co., power transmission machy., Chambersburg, Pa.
Woods, J. Lee, & Son, contrs., Wheeling, W. Va.
Woods, J. S., foods (cereal, prepared, etc.), Fredericksburg, Va.
Woods, James C., architect, 852 S. W. Temple, Salt Lake City, Utah.
Woods & Jensen, architects, Ogden, Utah.
Woods, Lewis H., Constr. Co., Canal & B'way, New York.
Woods-Lloyd Co., crucible mfrs., S. 30th & Jane, Pittsburgh, Pa.
Woods Mobilette Co., automobile bldrs., 2007 S. Michigan av., Chicago, Ill.
Woods Motor Vehicle Co., storage battery trucks, 2500 Cottage Grove av, Chicago, Ill.
Woods, N. W., architect, 47 W. 34th, New York.
Woods, S. A., Mach. Co., woodworking machy. mfrs., Boston, Mass.
Woods-Sherwood Co., bright wire goods, Worcester, Mass.
Woodsboro Canning Co., Woodsboro, Md.
Woodside Elec. Shops Co., Metuchen, N. J.
Woodside Sterling Co., nov., 170 B'way, New York.
Woodson & Graves, lumber mfrs., Burgaw, N. C.
Woodson, J. B., flour mills, Lowesville, Va.
Woodstock Cotton Mills, Anniston, Ala.
Woodstock Mfg. Co., tex. machy., supplies, etc., Charleston, S. C.
Woodstock Oil & Fertilizer Co., Woodstock, Ga.
Woodstock Typewriter Co., 35 N. Dearborn, Chicago, Ill.
Woodstown Ice & Cold Storage Co., masons' & bldrs.' matls., Woodstown, N. J.
Woodville Lime Products Co., Nicholas Bldg., Toledo, Ohio.
Woodville Oil Co., fertilizer mfrs., Woodville, Ga.
Woodward, A. H., Co., masons' & bldrs.' matls., 128 Passaic, Newark, N. J.
Woodward, C. T., masons' & bldrs.' matls., Carlinville, Ill.
Woodward Carriage Co., San Antonio, Tex.
Woodward & Cochey, furniture binding, Lynn, Mass.
Woodward Co., machsts., Fresno, Cal.
Woodward Co., whol. hdwe., Albany, N. Y.
Woodward, Edwin, machsts., Bryan, Ohio.
Woodward, Frank E., & Co., htg. contrs., 19 Friend, Boston, Mass.
Woodward, Governor Co., 206 Mill, Rockford, Ill.
Woodward Hardware Co., Cairo, Ill.
Woodward, I. L., contr., Ottawa, Ill.
Woodward Iron Co., Woodward, Ala.
Woodward, Jno. C., architect, Council Bluffs, Ia.
Woodward, John, & Co., contractors, Atlantic Highlands, N. J.
Woodward & Lathrop, mattresses, Washington, D. C.
Woodward Lumber Co., Augusta, Ga.
Woodward Mach. Co., Hudson, Mass.
Woodward & Powell Planer Co., planing machines, Worcester, Mass.
Woodward & Son, lbr., Richmond, Va.
Woodward & Stein, cornices & skylights, Spokane, Wash.
Woodward-Tiernan Printing Co., advertising novelties, St. Louis, Mo.
Woodward Truck Attachment Co., Los Angeles, Cal.
Woodward-Wagner Co., plugs, washers, brass elbows & brushings, etc., 1106 Spring Garden, Phila., Pa.
Woodward, Wight & Co., Ltd., machst., masons' & bldrs.' matls., etc., Howard av & Constance, New Orleans, La.
Woodwell, Jos., Co., mill & facty. supplies—whol. hdwe., 207 Wood, Pittsburgh, Pa.
Woodworkers' Mfg. Co., universal, 96 Bush, Detroit, Mich.
Woodworth & Co., masons' & bldrs.' matls., Concord, N. H.
Woodworth & Jenney Co., contrs., New London, Conn.
Woodworth Knife Wks., Nunda, N. Y.
Woodyatt, Ernest, architect, 155 N. Clark, Chicago, Ill., and Evanston, Ill.
Wool, F. G. Packing Co., canned goods, San Jose, Cal.
Woolbert, Chas. W., machsts & fndrs., Elmer, N. J.
Woolcott Flour Mills, Lexington, Ky.
Wooldridge Bros., masons' & bldrs.' matls., Versailles, Ky.
Wooldridge Fertilizer Co., Marine Bk. Bldg., Baltimore, Md.
Wooldridge, Robt. A., Co., fertilizer mfrs., Fidelity Bldg., Baltimore, Md.
Woof's Hypozone, disinfectants, 230 Greenwich, New York.
Woolford, G., Wood Tank Mfg. Co., 1429 Chestnut, Phila., Pa.
Woolford, N. B., Oakum Co., 601 S. Luzerne av, Baltimore, Md.
Woolford Packing Co., canned goods, Washington, Baltimore, Md.
Woolford & Thomas, scrap iron, 1726 Thames, Baltimore, Md.
Woollett, John W., architect, First Nat'l Bk. Bldg., Oakland, Cal.
Woollett & Woollett, architects, Stockton, Cal.
Woolley, A. S., Co., fertilizer mfrs., Seaford, Del.
Woolley, G. C., Co., lubrg. oils & greases, 502 E. 20th, New York.
Woolley, Geo., & Co., contractors, Long Branch, N. J.
Woolley Hardware Co., 44 Asylum, Hartford, Conn.
Woolley, Taylor, architect, Felt Bldg., Salt Lake City, Utah.
Woollitt & Woollitt, architects, 1003 K, Sacramento, Cal.
Woolner & Co., acids, Peoria, Ill.
Woolner Distilling Co., Peoria, Ill.
Woolner, W. C., landscape arch., 131 State, Boston, Mass.
Woolsey, C. A., Paint & Color Co., 500 Grand, Jersey City, N. J.
Woolsey, Heathcothe M., architect, 4 E. 39th, New York.
Woolson, James B., umbrella mountings, Watertown, Conn.
Woolston, Chas. T., carriages, Riverton, N. J.
Woolwin Metal Products Co., sheet metal products, canteens, etc., 8th & Santa Fe av, Los Angeles, Cal.
Woonsocket Brush Co., Woonsocket, R. I.
Woonsocket Lumber Co., Woonsocket, R. I.
Woonsocket Mach. & Press Co., Woonsocket, R. I.
Woonsocket Napping Machy. Co., Woonsocket, R. I.
Woonsocket Rubber Co., boots & shoes, Woonsocket, R. I.
Woonsocket Shuttle Co., textile machy. & supplies, etc., Woonsocket, R. I.
Woonsocket Supply Co., mill & facty. supplies, Woonsocket, R. I.
Wooster Brush Works, Wooster, O.
Wooster, Chas. B., stone producers, Ansonia, Conn.
Wooster Machine Co., Wooster, Ohio.
Wooster Preserving Co., canned, Wooster, Ohio.
Wooster Shale Brick Co., Wooster, Ohio.
Wooten, L. E., contractor, Columbus, Ga.
Wooters, Wm. H., architect, 816 Allegheny av, Phila., Pa.
Wootten & Peckworth, machsts., 1122 Hamilton, Phila., Pa.
Worcester, Albert, machsts., 182 W. Houston, New York.
Worcester Brass Co., Worcester, Mass.
Worcester Brush & Scraper Co., Worcester, Mass.
Worcester, C. H., Co., lumber mfrs., 19 S. La Salle, Chicago, Ill.
Worcester China Co., Sebring, Ohio.
Worcester Counter Co., shoe welting, etc., Worcester, Mass.
Worcester Elastic Stocking & Truss Co., Worcester, Mass.
Worcester Elec. & Mfg. Co., machsts., Worcester, Mass.
Worcester Envelope Co., Worcester, Mass.
Worcester Fertilizer Co., Snow Hill, Md.
Worcester Flexible Tubing Co., Whitman, Mass.
Worcester Gear Wks., Inc., jobbing machsts., 33 N. Foster, Worcester, Mass.
Worcester Lathe Co., Worcester, Mass.
Worcester Lawn Mower Co., grass catchers & lawn mowers, Worcester, Mass.
Worcester Loom Wks., machsts., 7 Summer, Worcester, Mass.
Worcester Lunch Car & Carriage Co., Worcester, Mass.
Worcester Mach. Co., friction clutches, Worcester, Mass.
Worcester Machine Screw Co., Standard Screen Co., successors,, Worcester, Mass.
Worcester Mfg. Co., door checks & tire vulcanizers, Worcester, Mass.
Worcester Pattern & Model Co., grinders for woodworking tools, mfrs., 93 Foster, Worcester, Mass.

Worcester Polytechnic Institute, engng. school & coll., Worcester, Mass.
Worcester Pressed Steel Co., light & heavy metal stampings, Worcester, Mass.
Worcester Pressed Steel Co., scabbards, Columbus, Ohio.
Worcester Rubber Co., Worcester, Mass.
Worcester Salt Co., 71 Murray, New York.
Worcester Stained Glass Wks., Worcester, Mass.
Worcester Stamped Metal Co., metal stampings, 9 Hunt, Worcester, Mass.
Worcester Tire Fabric Co., Worcester, Mass.
Worcester Wire Novelty Co., rat traps, Baltimore, Md.
Word Bros., drill sharpening machines, San Francisco, Cal.
Wordell, E., & Son, cornices & skylight, ferrules, Taunton, Mass.
Worden-Allen Co., steel structural work, Box 528, Milwaukee, Wis.
Worden Chemical Wks., 4 Cedar, New York.
Worden, G. G., architect, Kalamazoo, Mich.
Worden Ink & Mfg. Co., 132 Church, New York.
Worden, L. B., plumb rules, Penn Yan, N. Y.
Worden-Meeker Varnish Co., San Francisco, Cal.
Worden Tool Co., machine knives, 1854 Scranton rd, Cleveland, Ohio.
Worel & Stangel, Co., whol. hdwe., Manitowoc, Wis.
Work, N. P., architect, Clinton, Ia.
Workman, G. W., flour mills, Echo, W. Va.
Workman, H. B., Co., halters, straps, ties, etc., Lititz, Pa.
Workman, James & Son, carriages, Stenbenville, Ohio.
Workman Packing Co., 432 7th, San Francisco, Cal.
Workman, Wilburn, architect, Torrington, Conn.
Worko Co., carbon removers, Racine, Wis.
World Beater Generator Co., acetylene, Kansas City, Mo.
World Film Corp., 126 W. 46th, New York.
World Granite Co., East Barre, Vt.
World Mfg. Co., bath cabinets, 120 W. 3d, Cincinnati, Ohio.
World Motor Co., airplane engines, Bloomington, Ill.
World Polish Mfg. Co., shoe & furniture polish, York, Pa.
World Refining Co., belt dressing, boiler compounds, oil, etc., Easton, Pa.
World's Fair Wrecking Co., stone, etc., Richmond & Horne, Cincinnati, Ohio.
Worley Bros., cotton batting, Mohnton, Pa.
Worley, John, scientific instrument jewels, Waltham, Mass.
Worley & Nelson, contractors, Logan, Utah.
Worm & Co., meat packers, Ray & Dakota, Indianapolis, Ind.
Worns & Kemp, refrigerator traps, 287 W. 127th, New York.
Worrall, Wm. S., Jr., architect, Bridge Plaza N., Long Island City, N. Y.
Worrell Mfg. Co., disinfectants, 212 N. Main, St. Louis, Mo.
Worrell, S. E., drying machs., Hannibal, Mo.
Worrman, E. W., lumber, Vickery, Ohio.
Worst & Shepardson, architects, 344 Coulter Blk, Aurora, Ill.
Wortendyke Mfg. Co., toilet & bags paper, Richmond, Va.
Worth, H. P., & Co., hdwe., 180 West, New York.
Worth Wire Wks., fence stays, Kokomo, Ind.
Wortham Cotton Oil Co., meal, Wortham, Tex.
Worthington Ball Co., Elyria, Ohio.
Worthington, Geo., architect, Keyser Bldg., Baltimore, Md.
Worthington, Geo., Co., whol. hdwe., 802-32 St. Clair av, N. W., Cleveland, Ohio.
Worthington Hardware Co., Staunton, Va.
Worthington, Hy. R., Co., machts., Harrison, N. J.
Worthington Pump & Machy. Corp., power & mining mchy., 115 B'way, New York. *See adv. index at end of book.*
Worthington & Raymond, jewelers' machy., 71 Murray, New York.
Worthington, Thos., 1st Nat. Bk. Bldg., Birmingham, Ala.
Worthington Water Tube Boiler Co., boiler mfrs., 30 Warren, New York.
Worthman & Steinbach, architects, 155 N. Clark, Chicago, Ill.
Worthy Paper Co. Ass'n, Mittineague, Mass.
Wortman, J. R., cornices, Shreveport, La.
Wortmann & Braunn, architects, 114 E. 28th, New York.
Wostenholm, Geo., & Son, razors, knives, erasers, etc., 105 Chambers, New York.
Wotherspoon, Jas. R., fumigators, ovens, cans, etc., 238 N. Front, Philadelphia, Pa.
Wotherspoon Plaster Mills, 725 Vernon av, Long Island City, N. Y.
Woven Steel Hose & Rubber Co., Trenton, N. J.
Wozny, Bruno, architect, 381 Main, Springfield, Mass.
Wranck, Frank, pearl buttons, 15th av, Long Island City, N. Y.
Wray, Andrew J., granite producer, 328 S. Cherry, Richmond, Va.
Wray, Chas. H., architect, Rialto Bldg., St. Louis, Mo.
Wray, Hy., & Son, machsts. & fndrs., Rochester, N. Y.
Wray Mills Co., flour, Wray, Colo.
Wreisner Bros., machinists, Dassell, Minn.
Wren, Thos. E., & Co., contractors, Springfield, Ohio.
Wren, W. J., lumber, Wrens, Ga
Wrench, C. E., cornices, Detroit, Mich.
Wrenn, A., & Sons, carriages, Norfolk, Va.
Wrenn Paper Co., Middletown, Ohio.
Wrenn, Werner, architect, Lewis Bldg., Portland, Ore.
Wrenshall Brick Co., Wrenshall, Minn.

Wright, A. B., & Co., mill & facty. supplies, 230 Washington, Buffalo, N. Y.
Wright, Albert H, architect, 27 Kilby, Boston, Mass.
Wright & Alexander Co., mill & facty. supplies, Rochester, N. Y.
Wright, Alonzo D., architect, 40 State, Boston, Mass.
Wright, Barrett & Stillwell Co., wall boards, pads, etc., University & Hampden avs, St. Paul, Minn.
Wright, Benjamin F., contractor, Anderson, Ind.
Wright Bros. & Co., flour mills, Greenville, Mich.
Wright Bros. Hardware Co., Vicksburg, Miss.
Wright Bros. Lumber Co., Ltd., Coulee City, Wash.
Wright Bros. Paper Box Co., Fond Du Lac, Wis.
Wright, C. E., Co., cutting machs. for fabrics, Kenilworth, N. J.
Wright, C. L., cornices, Belfast, Me.
Wright, C. T., Engine Co., machsts. & fndrs., Greenville, Mich.
Wright, C. W., lumber, Allene, Ark.
Wright Canning Co., Aberdeen, Md.
Wright Carriage Body Co., Moline, Ill.
Wright, Chas., contractor, 517 2d, San Francisco, Cal.
Wright, Charles E., Co., machsts. & fndrs., Kenilworth, N. J.
Wright, Chas. H., architect, Provo City, Utah.
Wright, Chas. O., sash, door & blind mfrs., 3368 Elston av, Chicago, Ill.
Wright, Chas. W., bldg. contr., 23 Central av, Lynn, Mass.
Wright Chemical Co., 38 Park Row, New York, & Susquehanna, Pa.
Wright, Clark C., archit., 122 S. Michigan av, Chicago, Ill.
Wright & Craycroft, mouldings, 1448 W. 21st, Chicago, Ill.
Wright, Cruze Hardware Co., Knoxville, Tenn.
Wright & Ditson, sporting & athletic goods mfrs., 344 Washington, Boston, Mass.
Wright, E. B., contractor, Steelton, Pa.
Wright, E. E., paint mfrs., Waterbury, Conn.
Wright, F., canned goods, Federalsburg, Md.
Wright, F L., Jr., architect, 112 W. 9th, Los Angeles, Cal.
Wright, F. M., sashes, doors & blinds, St. Cloud, Minn
Wright, Faber & Co., Inc., antimony & zinc ores, 100 Hudson, New York.
Wright, Frank A., 110 E. 23d, New York.
Wright, Frank M., architect, 36 Claremont pl, Mount Vernon, N. Y.
Wright, G. A., stone producers, Bay City, Mich.
Wright, G. Alexander, architect, 354 Pine, San Francisco, Cal.
Wright, G. H., architect, Danvers, Mass.
Wright, Garret S., contractor, 415 W. 24th, New York.
Wright Gas Iron & Novelty Co., 13th & Cumberland, Phila., Pa.
Wright, Geo. W., machst. & fndr., Lapel, Ind.
Wright, Gordon A., architect, City Bank Bldg., Syracuse, N. Y.
Wright & Gowan Co., mill & facty. supps., Brunswick, Ga.
Wright, Grey, & Son, rubber, steel stamps, etc., 119 Opera pl, Cincinnati, Ohio.
Wright, H. D., granite, Graniteville, Mass.
Wright, H. P., & Co., contractors, 30 E. 42d, New York.
Wright, H. S., contractor, Everett, Wash.
Wright-Hibbard Industrial Elec. Truck Co., Buffalo, N. Y.
Wright, Hy., landscape architect, Chemical Bldg., St. Louis, Mo.
Wright & Hohl, architects, American Trust Bldg., Cleveland, O.
Wright, I. L., architect, Richfield, Utah.
Wright, J. A., contractor, Elgin, Ill.
Wright, J. A., & Co., metal polish, Keene, N. H.
Wright, J. K., machst., 390 Smith, Brooklyn, N. Y.
Wright, J. K., Printing Ink Co., 531 N. 9th, Philadelphia, Pa.
Wright, Jas. Hayden, architect, 8 Beacon Boston, Mass.
Wright, K. L., Brass Fdry., Cleveland, Ohio.
Wright Kitchen Lumber Co., Ashland, Ky.
Wright & Kowalsky, contrs., Grove & 19th, Jersey City, N. J.
Wright & Kremers, architects, Gluck Bldg., Niagara Falls, N. Y.
Wright & Kuntz Lumber Co., Piqua, Ohio.
Wright, L. V., contractors, Lancaster, Pa.
Wright Land Level Co., Cave Spring, Ga.
Wright & Lindsley, contractors, Orange, N. J.
Wright Lbr. Co., 148 W. 38th, New York.
Wright, Luther M., carriages, So. Norwalk, Conn.
Wright, Lysander, Jr., elevators, 9 Alling, Newark, N. J.
Wright, M., & Son Co., hoists, Montpelier, Vt.
Wright, M., & Son Co., machy., Putnamville, Vt.
Wright Machy. Co., engines, 321-405 E. 2nd, Owensboro, Ky.
Wright Mfg. Co., chain hoists, Lisbon, Ohio.
Wright Mfg. Co., exhaust heads, filters,, gauges, etc., 97 Woodbridge, W., Detroit, Mich.
Wright Mfg. Co., furnace pipe & fittings, New Haven, Conn.
Wright Mfg. Co., machsts. & fndrs., 133 Master, Phila., Pa.
Wright Mfg. Co., spray pumps, Pontiac, Mich.
Wright, Marcellus E., architect, Allison Bldg., Richmond, Va.
Wright-Martin Aircraft Corp., 60 B'way, New York.
Wright Metal Mfg. Co., Anderson, Ind.
Wright, O. H., canned goods, Vinton, Va.
Wright, O. H., & Co., masons' & bldrs.' matls., Belvidere, Ill.
Wright, Parker O., Jr., architect, Security Bldg., Los Angeles, Cal.
Wright, Raymond H., Co., contrs., Des Moines, Iowa.
Wright, R. G., & Co., dairy apparatus & supplies, Buffalo, N. Y.
Wright, Robt. L., architect, Madison, Wis.
Wright & Rushforth, architects, 354 Pine, San Francisco, Cal.
Wright, S. D., & Co., auto. & furniture fringes & binding, etc., 1017 N. Front, Philadelphia, Pa.
Wright & Saunders, canned goods, Bedford, Va.

Wright & Saunders, contrs., San Antonio, Tex.
Wright Shipyards, Tacoma, Wash.
Wright & Sons Co., hdwe. mfrs., pianos & organs, 51 Jackson, Worcester, Mass.
Wright, Stillman & Co., flour, Berlin, Wis.
Wright Storage Battery Co., Poughkeepsie, N. Y.
Wright, T. B., & Son, lumber, McLeansboro, Ill.
Wright, Thomas, Co., wagons, carts, hoists, 71 Golden, Jersey City, N. J.
Wright Truck Attachment Co., Seattle, Wash.
Wright Tyndale & Van Roden, potteries, 1212 Chestnut, Philadelphia, Pa.
Wright, U. G., motor boats, Paulsboro, N. J.
Wright Varnish Co., 7937 Kinsman av, Cleveland, Ohio.
Wright, W. E., Co., masons' & bldrs.' matls., Akron, Ohio.
Wright, W. J., & Son, canned goods, Choptank, Md.
Wright, Wheeler D., architect, Altamont, N. Y.
Wright-Whittier Co., canned goods, Ogden, Utah.
Wright & Wilhelmy Co., whol. hdwe., Omaha, Neb.
Wright Wire Co., wire & wire product mfrs., Worcester, Mass.
See adv index at end of book.
Wrightman, D. M., & Son, machsts. & fndrs., McMinnville, Tenn.
Wrightson, C. T., canned goods, Easton, Md.
Wrightsville Hdwe. Co., Wrightsville, Pa.
Wrigley Co., whol. hdwe., Mahaffey, Pa.
Wrigley Mfg. Co., soap, Bourse, Philadelphia, Pa.
Wrigley, Thos., Co., elec. cable, conduit hangers, printing press & special machinery, etc., 504 Sherman, Chicago, Ill.
Wrigley, Wm., & Co., machsts., Lowell, Mass.
Wrinkle & Miller Foundry & Machine Co., Dalton, Ga.
Wrinkle Paint Mfg. Co., Columbus, Ohio.
Wrisley, Allen B., Co., soap & soap powders, 923 S. Wells, Chicago, Ill.
Writerpress Lettergraph Co., duplicating app., Shelton, Conn.
Wroe, John, contractor, Reibold Bldg., Dayton, Ohio.
Wroe, W. E., & Co., bond paper, 208 E. Illinois, Chicago, Ill.
Wrought Iron & Art Glass Fixture Co., 6 Howard, New York.
Wrought Iron Range Co., 5661 Natural Bridge av, St. Louis, Mo.
Wrought Washer Mg. Co., iron washers, 54 S. Bay, Milwaukee, Wis.
Wuehrmann, Wm. G., architect, 6954 Yale av, Chicago, Ill.
Wuellner, J. J., & Son, contractors, Alton, Ill.
Wuertz, O. W., Co., pianos, 1518 3d av, New York.
Wuest, Adam, mattresses, 514 E. Pearl, Cincinnati, Ohio.
Wuest, Gustav P., architect, Wainwright Bldg., St. Louis, Mo.
Wuichet, Chas., & Co., cornices, 14 S. Canal, Dayton, Ohio.
Wuichet Fertilizer Co., Dayton, Ohio.
Wuichet, Louis, lbr., Ry. Exch. Bldg., Chicago, Ill.
Wulbern Fertz. Co., Charleston, S. C.
Wulff, Chas. A., architect, 340 Madison av, New York.
Wunder, Fred'k, & Son, brewery archts., 957 B'way, B klyn, N. Y.
Wunder, J., & Co., signs, 225 W. Van Buren, Chicago, Ill.
Wunder, John, contractor, Lumber Exch., Minneapolis, Minn.
Wunderlich, George H., lumber, Elmhurst, Wis.
Wunsch & Washburn, patterns & models, 207 Centre, New York.
Wurdack, Wm., Elec. Mfg. Co., panelboard cabinets, switches, etc., 211 S. 11th, St. Louis, Mo.
Wurdeman, Chas., architect, Columbus, Neb.
Wurlitzer, Rudolph Co., musical instruments, 117 E. 4th, Cincinnati, Ohio.
Wurlitzer, Rudolph, Mfg. Co., pianos, North Tonawanda, N. Y.
Wurmser, H. O., architect, Lorain, Ohio.
Wurst, C. H., Co., cornices, Quincy, Ill.
Wurster Constr. Co., contractors, San Diego, Cal.
Wurster Constr. Co., 802½ Central, Los Angeles, Cal.
Wurster, E. M., carriages, Ann Harbor, Mich.
Wurster, F. W., & Co., machsts. & fndrs., 375 Kent av, Brooklyn, N. Y.
Wurth, Ed. A., architect, 9 Clinton, Newark, N. J.
Wurtz, L. J., sash, door & blind, Boston, N. Y.
Wurtz & Son, iron & steel forgings, Builders Exch., Buffalo, N. Y.
Wussow, H. A., bldg. contr., 191 Concordia av, Milwaukee, Wis.
Wusterbarth Bros., machsts. & fndrs., Meriden, Conn.
Wustrow, K. A., landscape archt., 920 17th, N. W., Wash., D. C.
Wyandotte Awning & Tent Co., Kansas City, Kans.
Wyandotte Coal & Lime Co., masons' & bldrs.' matls., Kansas City, Kans.
Wyandotte Portland Cement Co., 1525 Ford blk, Detroit, Mich.
Wyantskill Mfg. Co., bags & bagging, Troy, N. Y.
Wyatt, F., Mfg. Co., agricultural implts., Salina, Kans.
Wyatt, H. S., masons' & bldrs'. matls., Butler, Mo.
Wyatt Lbr. Co. (Ltd.), Wyatt, La.
Wyatt & Nolting, archts., Keyser Bldg., Baltimore, Md.
Wyatt, Thos., Mfg. Co., cable & marine chains, etc., 27 Wyatt, Providence, R. I.
Wybel Stove & Chandelier Co., Akron, Ohio.
Wyckoff, A., & Son, wood stove pipe, Elmira, N. Y.
Wyckoff Bros., machsts., Highstown, N. J.
Wyckoff, J. C., & Son, cornices, Raritan, N. J.
Wyckoff & Lloyd Co., heating & plumbing contractors, 19-27 Worthington, Springfield, Mass.
Wyckoff Pipe & Creosoting Co., ties, poles, etc., 30 East 42d, New York.
Wye, Geo. E., Co., bathing suits, Needham, Mass.
Wye, Wm. H., & Co., bathing suits, Needham, Mass.
Wyeth Hardware & Mfg. Co., St. Joseph, Mo.
Wyeth, Nathan C., architect, 1517 H, N. W., Washington, D. C.
Wykes-Schroeder Co., masons' & bldrs.' matls., Grand Rapids, Mich.
Wyle, J. J., & Bros., Inc., cut-glass chandelier mfrs., 20 E. 27th, New York.
Wylie, A. P., Mfg. Co., wood handles, Lawrenceburg, Tenn.
Wylie, H. R., China Co., domestic, Huntington, W. Va.
Wylie, J. S., Co., concrete chutes, Oklahoma, Okla.
Wylie & Wilson, lbr. mfrs., Saginaw, Mich.
Wyllie-Saylor Granite Co., 627 Central av, Newark, N. J.
Wyman Canning Co., Milbridge, Me.
Wyman Chemical Co., acetate of lime, wood alcohol, etc., Port Allegany, Pa.
Wyman, D. W., & Son, common brick, Scottsburg, Ind.
Wyman, G. H., architect, Henne Bldg., Los Angeles, Cal.
Wyman-Gordon Co., forgings, Worcester, Mass.
Wyman, J., & Son, canned goods, Millbridge, Me.
Wyman, P., landscpe archt., McKnight Bldg., Minneapolis, Minn.
Wynantskill, M., Mfg. Co., bags & bagging, Troy, N. Y.
Wyne, Geo. E., contractor, Munsey Bldg., Washington, D. C.
Wynkoop Bros., cornices & skylights, Portland, Ore.
Wynkoop-McGormley Co., contractors, Ohio Bldg., Toledo, Ohio.
Wynne Stave Co., Wynne, Ark.
Wyoming Canning & Preserving Co., Wyoming, N. Y.
Wyoming Painting & Paint Mfg. Co., Wyoming, Pa.
Wyoming Shovel Wks., Wyoming, Pa.
Wyoming Valley Lbr. Co., Pittston, Pa.
Wyoming Valley Supply & Mfg. Co., plumbers' supplies—jobbers, Wilkes-Barre, Pa.
Wyoming Yarn Co., Wyoming, R. I.
Wysbrod, E. V., & Co., oil & gas well supplies, Findlay, Ohio.
Wysong, A. F., architect, Princeton, W. Va.
Wysong & Miles Co., machinery, Greensboro, N. C.
Wyss Mfg. Co., essential oils, 3640 20th, San Francisco, Cal.
Wythe, W. J., architect, Central Bk. Bldg., Oakland, Cal.
Wytheville Iron Wks., castings, Wytheville, Va.
Wytheville Mfg. Co., sash, door & blind, Wytheville, Va.
Wyville & Stewart, architects, Pittsburgh Bldg., St. Paul, Minn.

Xardell Bros. Co., auto. mufflers, Utica, N. Y.
Xenia Rubber Mfg. Co., solid tires, Xenia, Ohio.
X. L. Concrete Stone Mach. Co., Kansas City, Mo.

Yaeger & Bolte, machsts. & fndrs., 26 Cliff, New York.
Yaeger, C. Scott, architect, Alexandria, La.
Yager & Halstead, canned goods, Cortland, N. Y.
Yohola Sand Co., Muskegee, Okla.
Yahr & Lange Drug Co., plate glass, 207 E. Water, Milwaukee, Wis.
Yakima Hardware Co., cornices & skylights, N. Yakima, Wash.
Yakima Iron Works, machsts. & fndrs., North Yakima, Wash.
Yakima Meat Co., packers, North Yakima, Wash.
Yakima Valley Htg. & Plumbing Co., North Yakima, Wash.
Yale, C. I., Mfg. Co., tinned spoons, Yalesville, Conn.
Yale Canning Co., Yale, Mich.
Yale, H. P. & Co., mill supplies, Milwaukee, Wis.
Yale Knitting Co., sweaters, Malden, Mass.
Yale Knitt'g Mills, sweaters, cardigans, etc., 514 Broadway, New York.
Yale Light Co., lamps, 541 W. Washington blvd, Chicago, Ill.
Yale Machy. Co., Yale, Mich.
Yale Mfg. Co., bicycle, locks, 2056 E. 4th, Cleveland, Ohio.
Yale Novelty Co., military sets, manicure sets & stationers' specialties, Leominster, Mass.
Yale & Reagan, contractors, 111 W. Washington, Chicago, Ill.
Yale & Towne Mfg. Co., door buttons, hangers & hdwe. mfrs., 9 E. 40th, New York.
Yale University (Sheffield Scientific), enging. schools & coll., New Haven, Conn.
Yandle, W. J., machsts., brass & composition fdry., Santa Rosa, Cal.
Yankee Co., marine mufflers, Utica, N. Y.
Yankee Hill Brick Mfg., Co., Lincoln, Neb.
Yankee Mfg. Co., toys, Cleveland, Ohio.
Yankee Wizard Clock Co., 18 Broadway, New York.
Yankton Roofing Co., cornices & skylights, Yankton, S. D.
Yantic Woolen Co., flannels, Yantic, Conn.
Yarbrough & Bellinger Co., scrap iron & steel, Charlotte, N. C.
Yard & Hichborn, contractors, 215 W. 6th, Los Angeles, Cal.
Yard, J. W., & Son, architects, Penn Bldg., Erie, Pa.
Yardley Mills Co., flour, Yardley, Pa.
Yarnall Paint Co., 1026 Race, Philadelphia, Pa.
Yarnall, T. Elwood, contractor, Carlisle, Pa.
Yarnall-Waring Co., clamps, couplings, valves, etc., Harrison Bldg., Philadelphia, Pa.
Yarnell, B. F., contractor, 227 S. Union av, Los Angeles, Cal.
Yarnell & Yarnell, brick, Napoleon, Ohio.
Yarnelle Lbr. & Coal Co., masons' & bldrs.' matls., Wabash, Ind.
Yaryan Co., evaporators, distilling app., bleaching mchy., 25 Church, New York.
Yates, Alfred, continuous & drying kilns, Shawmut, Pa.
Yates & Co., paint, 762 Folsom, San Francisco, Cal.
Yates County Canning Co., Penn Yan, N. Y.
Yates & Donelson Co., flour mills, Memphis, Tenn.
Yates, G. H., granite, Biddleford, Me.
Yates, J. A., flour mills, Houston, Va.
Yates, J. A., Machine Co., Birmingham, Ala.
Yates, J. W., hdwe. spec., 168 8th av, New York.

Yates, James, contractor, Pleasantville, N. Y.
Yates Lumber Co., grape baskets, Penn Yan, N. Y.
Yates, P. B., Machine Co., wood working mchy., Beloit, Wis.
Yates, Stephen O., architect, 1521½ N. D, Richmond, Ind.
Yates, Wilbur, contractor, Marion, Ind.
Yatman Rubber Co., erasers, 267 Mt. Pleasant av, Newark, N. J
Yauger & Co., contractors, 133 W. Washington, Chicago, Ill.
Yawger, A. J., & Co., contractors, 450 N. Belmont av, Indianapolis, Ind.
Yawkey Lumber Co., Wausau, Wis.
Yawman & Erbe Mfg. Co., office furniture & devices, St. Paul, Rochester, N. Y.
Yaxley Mfg. Co., time-recording system clocks, 1101 W. Monroe, Chicago, Ill.
Yaysing Iron & Fdry. Co., 2521 Montgomery, St. Louis, Mo.
Yazoo Hdwe. Co., Yazoo City, Miss.
Yeager Lbr. Co., 932 Elk, Buffalo, N. Y.
Yeager, M. S., contractor, Trust & Savings Bldg., Los Angeles, Cal.
Yeager M., & Son, contractors, Danville, Ill.
Yeager, S., oil well supplies, Petrolia, Pa.
Yeager, Wm. B., cornices, Reading, Pa.
Yealm, J., contractor, 1058 Pierpont av, Salt Lake City, Utah.
Yeaman, James H., architect, City Hall, Nashville, Tenn.
Yearsley, Thos., Co., machy. dlrs., 224 N. 3d, Phila., Pa.
Yeazell-Goldstein Co., soap, Columbus, Ohio.
Yeldham, Herman J., Co., cornices, 950 W. Van Buren, Chicago, Ill.
Yellow Pine Co. of Phila. lbr., 30th & Spruce, Phila., Pa.
Yellow Pine Lumber Co., Charleston, W. Va., & Jackson, Miss.
Yellow Pine Paper Mill Co., Orange, Tex.
Yellow Poplar Lumber Co., Coal Grove, Ohio.
Yellow Springs Canning Co., Yellow Springs, Ohio.
Yellow Rock Pottery Co., Phila., Pa.
Yenger, B., stone producers, Elmira, N. Y.
Yennie, Wm. J., & Co., contractors, 45 E. 42d, New York.
Yeo, Edwin A., architect, Stephen Girard Bldg., Phila., Pa.
Yeo, Robert J., architect, 524 Massachusetts av, Boston, Mass.
Yeoman Lumber Co., Pe Ell, Wash.
Yeomans Box Co., packing, shooks, 274 Wight, Detroit, Mich.
Yeomans Bros., Co., elec. pumping machy., 231 Institute pl, Chicago, Ill.
Yeomans & Shedd Hardware Co., Danville, Ill.
Ye Planry, Inc., architect, 1605½ Main, Dallas, Tex.
Ye Planry of Waco, architect, Peerless Bldg., Waco, Tex.
Yerdon, Wm., hose bands, Fort Plain, N. Y.
Yerkes, H. V., architect, Glenside, Pa.
Yerks & Co., sash, door & blind mfrs., Yonkers, N. Y.
Yesbera Mfg. Co., metallic furniture, Toledo, Ohio.
Yessler, Harry E., architect, Hagerstown, Md.
Yessler, Max, paper clips, Milwaukee, Wis.
Yewell, J. Floyd, architect, 52 Vanderbilt av, New York.
Yingling Bros., & Co., handles, Monroeville, Ohio.
Yingling, C. E., cornices & skylights, Lexington, Mo.
Yingling, Jos. P., canned goods, Pleasant Valley, Md.
Yingling, Martin, Brick Co., Pittsburgh, Pa.
Yoakum Cotton Oil Co., meal, Yoakum, Tex.
Yoch, F. T. (Miss), architect, 210 W. 7th, Los Angeles, Cal.
Yockel Bros., htg. contrs., 962 Washington av, New York.
Yockel, Chas., & Sons, machsts., 1220 N. Lawrence, Phila., Pa.
Yocom, Jas., & Son, power transmitting machy., 145 N. 2d, Phila., Pa.
Yocona Mills, cord, twine, mops, Watervalley, Miss.
Yoder, C. B., & Co., architects, Ry. Exch. Bldg., St. Louis, Mo.
Yoder, C. M., Co., metal-working machy., 5510 Walworth av, Cleveland, Ohio.
Yoder Co., cold rolling machy., Engrs. Bldg., Cleveland, Ohio.
Yoder, Ellis Y., flour mills, Pikesville, Pa.
Yoder, Thos., Mfg. Co., temperature regulators, valves, Engrs. Bldg., Cleveland, Ohio.
Yohe Bros., masons' & bldrs.' matls.—contractors, Monongahela, Pa.
Yohe, Geo. W., architect, Monongahela, Pa.
Yohe, Wm. S., mill & facty. supplies, Canton, Ohio.
Yolande Coal & Coke Co., Birmingham, Ala.
Yonkers Builders' Supply Co., Yonkers, N. Y.
Yonkers Plumbing Supply Co., Yonkers, N. Y.
Yonts, C. H., & Co., benders, bits, drills, reamers, wrenches, etc., Meadville, Pa.
York Alfalfa Mills, meal, York, Neb.
York Automatic Dumb Waiter Wks., York Pa.
York Brick & Tile Co., York, Neb.
York Bridge & Constr. Co., York, Pa.
York Bros., contractors, Cape May City, N. J.
York Button Works, B. & Allegheny, Phila., Pa.
York, C. J., machinist, Downieville, Cal.
York, C. V., contractor, Raleigh, N. C.
York Card & Paper Co., wall paper, York, Pa.
York Carriage Co., automobile bodies mfrs., York, Pa.
York Chemical Works, fertilizer, York, Pa.
York Corrugating Co., cornices & skylights, York, Pa.
York Cut Stone Co., stone producers, York, Pa.
York Elec. & Mach. Co., lamp making machinery, pumps, York Pa.
York Engng. Co., heating contractors, York, Pa.
York Foundry & Engine Works, coal chutes, York, Neb.
York Foundry & Machine Co., York, Pa.
York Harbor Brick Co., York Village, Me.
York Hdwe. & Brass Wks., York, Pa.
York Haven Paper Co., Land Title Bldg., Philadelphia, Pa.
York Heating & Ventilating Co., heating contr., York, Pa.
York Hill Trap Rock Quarry Co., Meriden, Conn.
York, John D., architect, 332 S. Michigan av, Chicago, Ill.
York Mfg. Co., denims, Saco, Me.
York Mfg. Co., ice & refrigerating machines, York, Pa.
York Metal & Alloy Co., alloy mfrs., York, Pa.
York Paper Mfg. Co., York, Pa.
York Pattern Works, York, Pa.
York, R. A., lumber, Mars Hill, Me.
York Safe & Lock Co., safe manufacturers, York, Pa.
York & Sawyer, architects, 50 E. 41st, New York.
York Shale Press Brick Co., York, Pa.
York Tack & Nail Works, York, Pa.
York Valley Lime Co., York, Pa.
York Wagon Gear Co., automobile & wagon bodies, York, Pa.
York Wall Paper Co., York, Pa.
York Woven Wire Mattress Co., York, Pa.
Yorke Derrick Co., Washington, Pa.
Yorks Fdry. & Mach. Shop, Honeoye Falls, N. Y.
Yorks, Henry, land rollers, Honeoye Falls, N. Y.
Yorktown Cotton Oil & Mfg. Co., meal, Yorktown, Tex.
Yorkville Contr. Co., contractors, 430 E. 82d, New York.
Yorkville Iron Wks., 433 E. 74th, New York.
Yorkville Mfg. Co., polishers' supps., buffing wheels, 249 Hinsdale, Brooklyn, N. Y.
Yorkville Scrap Rubber & Metal Co., 266 W. 53d, New York.
Yorston, W. R. & Co., contractors, Kearns Bldg., Salt Lake City, Utah.
Yosemite Flour Mills, San Francisco, Cal.
Yosemite Oil Refining Co., petroleum, Cheney & Harriet, Los Angeles, Cal.
Yost, A. M. (Est. of), lumber, Edmonds, Wash.
Yost, Amos S., contractor, 1004 Pennsylvania av, S. E. Washington, D. S.
Yost Bros., machsts. & fndrs., Creighton, Pa.
Yost, D. S., architect, Braddock, Pa.
Yost Elec. Mfg. Co., lamp sockets, Toledo, Ohio.
Yost Furnace Co., Canton, Ohio.
Yost, G. M. Mfg. Co., machsts., Meadville, Pa.
Yost Gearless Motor Co., wood washing machine parts, Springfield, Ohio.
Yost, Henry L., architect, 467 Bloomfield av, Montclair, N. J.
Yost, Jacob F., brick, Barlow, Ore.
Yost, John, Co., contractor, Elkhart, Ind.
Yost, Jos. W., architect, 105 W. 40th, New York.
Yost, Wm., contractor, 1315 11th, SE, Washington, D. C.
Yost Writing Mach. Co., typewriters, 345 B'way, New York.
Youens, J., & Co., masons' & bldrs'. matls., Navasora, Tex.
Youman, E. E., buckweat flour, Ravena, N. Y.
Youmans Bros., turpentine, Lexsy, Ga.
Youmans Coin Wrapper Co., Cincinnati, Ohio.
Young, A. B., Co., slate for electr'l purposes, Fair Haven, Vt.
Young, A. F. R., archl. iron, 51 Purchase, Boston, Mass.
Young, A. L., Machinery Co., mill & facty. supps., 28 Fremont, San Francisco, Cal.
Young, Benj., Co., harness & saddle mfrs., 241 E. Water, Milwaukee, Wis.
Young, Benjamin R., Hdwe. Co., who. hdwe., Alpena, Mich.
Young, Blair B., lumber, Hollidaysburg, Pa.
Young Boiler Compound Co., Catasauqua, Pa.
Young Bros., jewelers' boxes, 722 Eddy, Providence, R. I.
Young Bros., masons' & bldrs.' matls., Danielson, Conn.
Young Bros., percolaters, stacks, stills, tanks, etc., Detroit, Mich.
Young Bros. Co., granite, Barre, Vt.
Young Bros. Co., painters' trestles, fire & extension ladders, Worcester, Mass.
Young Bros. Const. Co., crushed stone, St. Joseph, Mo.
Young Bros. Decorative Co., plate glass, Wichita, Kansas.
Young & Buescher Construction Co., Burlington, Ia.
Young-Burton Co., turpentine, Kinderlou, Ga.
Young, C. C., architect, Paw Paw, Mich.
Young, C. H., Co., stone, 653 Rice, St. Paul, Minn.
Young, C. W., & Co., soap, 1247 N. 26th, Philadelphia, Pa.
Young, C. W., Co., who. hdwe., Juneau, Alaska.
Young, Calvin J., architect, 520 Washington, Reading, Pa.
Young, Carlos G., fish landing nets, 320 Market, San Francisco, Cal.
Young, Chas. A., textile machy. supplies, etc., Easton, N. H.
Young, Chas. W., cornices, Elmira, N. Y.
Young & Clifton, masons' & bldrs.' matls., Webster City, Ia.
Young & Co., contractors, 5 N. La Salle, Chicago, Ill.
Young, Corley & Dolan, Inc., tool grinders' machy. dlrs., 115 B'way, New York.
Young, D. C., & Sons, architects, 505 C. Salt Lake City, Utah.
Young, D. H., architect, Reynoldsville, Pa.
Young, Daniel, & Co., contractors, Attleboro, Mass.
Young & Donovan, htg. contrs., North Yakima, Wash.
Young, E. A., architect, 355 S. B'way, Los Angeles, Cal.
Young, E. D., brick, Greenspring, Ohio.
Young, E. R., & Sons, mchsts. & fdrs., Titusville, Pa.
Young, E. Warren, architect, American Bk. & Tr. Bldg., Savannah, Ga.
Young, Edw. E., architect, 251 Kearny, San Francisco, Cal.
Young, Edw. Lee, architect, 118 E. 28th, New York.

Young, Ellsworth D., contr., Colebrook, N. H.
Young, Ernest W., architect, Dean Bldg., South Bend, Ind.
Young, F. B., & Son, contractors, Mem. Trust Bldg., Memphis, Tenn.
Young, F. W., architect, Lankershim Bldg., Los Angeles, Cal.
Young, Frank, sashes, doors & blinds, Hackensack, N. J.
Young, Frank L., Co., oils, 111 Purchase, Boston, Mass.
Young, Fred M., architect, Dexter, Me.
Young, G. V., & Co., lumber, Hartwell, Ga.
Young, Geo. & Co., baseball mfrs., 715 S. Western av, Chicago, Ill.
Young, Geo., Jr., architect, College of Arch., Ithaca, N. Y.
Young-Greene Lbr. Co., Goshen, Ind.
Young, H. P., mining supply dealer, Great Northern Bldg., Chicago, Ill.
Young & Halstead Co., masons' & bldrs.' matls., Mount Kisco, N. Y.
Young, Harold L., architect, 32 Union sq, New York.
Young, Henry A., architect, Keyport, N. J.
Young & Hughes, steamfitters' supplies, Raleigh, N. C.
Young & Humphrey, contractors, Louisville, Ky.
Young Inner Duck Leather Belting Co., 416 W. Grand av, Chicago, Ill.
Young, J. A., Machine & Supply Co., Enid, Okla.
Young, J. J., cornices, Binghamton, N. Y.
Young, J. R., Fertilizer Co., Norfolk, Va.
Young, J. W., paper & pulp mills, Bentleys Springs, Md.
Young, Jas. A., & Sons, stone, Dakota Bldg., St. Paul, Minn.
Young, Jas. H., Stone Co., granite producers, wkrs. & dlrs., 136th & Locust av, New York.
Young, Jas. T., contractor, Watervliet, N. Y.
Young & Jeffery, architects, Stockton, Cal.
Young, John, contractor, Bastable blk, Syracuse, N. Y.
Young, John, machst. & fndr., Chillicothe, Ohio.
Young, John A., Mach. & Supply Co., Enid, Okla.
Young, John B., textile machy. & supplies, J. & Levick, Philadelphia, Pa.
Young, Jno. P., blue printing machs., Youngstown, Ohio.
Young, Jno. W., contractor, Keokuk, Ia.
Young, Jno. S., & Co., extracts, Hanover, Pa.
Young, John T., Boiler Co., machsts. & fndrs., Norwich, Conn.
Young, Jos. H., landscape archt., 34 S. 16th, Philadelphia, Pa.
Young, Jos. H., Co., plumbing, gas & steam supplies, 82 High, Boston, Mass.
Young, Jos. W., paper & pulp mills, Bentleys Springs, Md.
Young, M. S., & Co., mill & facty. supplies.—whol. hdwe., Allentown, Pa.
Young Mach. & Tool Co., Worcester, Mass.
Young Mfg. Co., strainers, Bellevue, Ia.
Young & Metzner, second hand bags, 355 Vernon av, Long Island City, N. Y.
Young, Milton H., contractor, Woodlawn & P. R. R., Phila., Pa.
Young, Nicholas W., contractor, Atlantic City, N. J.
Young, Orlando W., lubrg. oils & metal polish, 180 Sherman av, Newark, N. J.
Young, R. B., & Son, architects, Lankershim Bldg., Los Angeles, Cal.
Young, R. Bros., Lumber Co., White Plains, N. Y.
Young, R. L., architect, Kokomo, Ind.
Young, R. S., Supply Co., machsts. & fndrs., Oakland, Cal.
Young, R. W., Mfg. Co., elec. hoists, 14 E. Jackson blvd., Chicago, Ill.
Young, R. & Sons, stone, 25 Grafton av, Newark, N. J.
Young, Rakstraw & Ferguson, naval architects, 15 William, New York.
Young, Richard A., architect, Pontiac, Ill.
Young, Richard, Co., chamois imp., 36 Spruce, New York.
Young, Robert L., & I. Russell, architects, Kokomo, Ind.
Young & Russell, elec. portables, 1027 Miffin, Phila., Pa.
Young & Sampson, shoe counters, Lynn, Mass.
Young, Sam'l, architect, Monticello, Ind.
Young & Schmitt, masons' & bldrs.' matls., McKees Rocks, Pa.
Young & Sons, architects & engrs. instruments & supplies, 43 N. 7th, Philadelphia, Pa.
Young Spec. Co., hdwe. mfrs., 2220 Vliet, Milwaukee, Wis.
Young, T. C., architect, Wright Bldg., St. Louis, Mo.
Young & Vann Supply Co., mill & facty. supplies, Birmingham, Ala.
Young, W. A., & Sons, machsts., Rices Landing, Pa.
Young, W. B., Supply Co., mill & facty., plumbers' & steamfitters' supplies, 212 Delaware, Kansas City, Mo.
Young, W. D., & Co., lumber mfrs., Bay City, Mich.
Young, W. E., masons' & bldrs.' matls., Winder, Ga.
Young, W. J., Machy. Co., 418 Union, Lynn, Mass.
Young, Walter E., contractor, 414 W. 41st, New York.
Young, Wm. A., carriages, Foxboro, Mass.
Young, Wm. C., contractor, Norwich, Conn.
Young, Wm., Carriage Co., 4524 Delmar av, St. Louis, Mo.
Young, Wm. E., architect, 1931 B'way, New York.
Young, Wm. F., carriages, Dallas, Tex.
Young, Wm. H., Jr., stone prod., Troy, N. Y.
Young, William, & Son, architects, Metamora, Ohio.
Youngberg, John E., architect, 30 N. Dearborn, Chicago, Ill.
Younger & Farmer Co., contractors, 1670 Crawford rd, Cleveland, Ohio.
Younglove, J. F., contractor, Sioux City, Ia.
Youngman, J. F., flour mills, Selingsgrove, Pa.
Youngs, Geo. S., brass & bronze ingots, Bridgeport, Conn.
Young's Sons & Co., granite, Milford, N. H.
Youngstown Carriage Co., Youngstown, Ohio.
Youngstown Chemical Co., Youngstown, Ohio.
Youngstown Constr. Co., Youngstown, Ohio.
Youngstown Engineering Co., Youngstown, Ohio.
Youngstown Fertilizer Co., Youngstown, Ohio.
Youngstown Fndry. & Mach. Co., rolling mill machs., etc, Youngstown, Ohio.
Youngstown Furnace Co., Youngstown, Ohio.
Youngstown Glass & Paint Co., Youngstown, Ohio.
Youngstown Ice Co., masons' & bldrs.' matls., Youngstown, O.
Youngstown Iron & Steel Co., metal sheets, Wilson av, Youngstown, Ohio.
Youngstown Mfg. Co., nut mfrs., Youngstown, Ohio.
Youngstown Mattress Co., Youngstown, Ohio.
Youngstown Pattern Works, Youngstown, Ohio.
Youngstown Pressed Steel Co., Youngstown, Ohio.
Youngstown Sheet & Tube Co., steel & tube mills, Youngstown, Ohio.
Youngstown Steel Car Co., Youngstown, Ohio.
Youngstown Wire & Iron Co., Youngstown, Ohio.
Youngsville Saddlery Co., harness, Youngsville, Pa.
Yount & Jackson Co., contrs., 325 N. Summit, Dayton, Ohio.
Yow & McMurray, fertilizer, Lavonia, Ga.
Ypsilanti Hay Press Co., Ypsilanti, Mich.
Ypsilanti Machine Works, Ypsilanti, Mich.
Ypsilanti Reed Furniture Co., Ionia, Mich.
Yuba Const. Co., traction engines, Ins. Exch. Bldg., San Francisco, Cal.
Yuba Mfg. Co., Marysville, Cal., & 433 California, San Francisco, Cal.
Yuill Bros., lumber, Vanderbilt, Mich.
Yukan Elevator Co., flour, Marlow, Okla.
Yukan Mill & Grain Co., flour, Yukan, Okla.
Yule & Waldo, architects, Creston, Ia.
Yund, Kennedy & Yund, sweaters, cardigans, etc., Amsterdam, N. Y.
Yunker Bros., bldg. contrs., 30th & S. Pierce, Milwaukee, Wis.

Zabriskie, P. L., contractor, Ridgewood, N. J.
Zacharias, Edwin H., mach. & fdr., Reading, Pa.
Zacharias, Jos. H., brick, East Stroudsburg, Pa.
Zacharius, A. H., architect, 45 W. 34th, New York.
Zacheis, W. B. & J. S., canned goods, Port Penn., Del.
Zacher & Kurrie, contractors, 460 S. 21st, Irvington, N. J.
Zachman, Ezra B., architect, Marion, Ohio.
Zagel, Geo., architect, Merchants & Mfrs. Bk. Bldg., Wilwaukee, Wis.
Zagelmeyer Cast Stone Block Machy. Co., Bay City, Mich.
Zahn & Bowly Co., shock mirrors, Rutherford, N. J.
Zahn Mfg. Co., brewers' machy. & filters, 79 E. Jewett av, Buffalo, N. Y.
Zahner Mfg. Co., cornices, Kansas City, Mo.
Zahner Metal Sash & Door Co., Canton, Ohio.
Zahniser Bros & Sten, mchsts. & fndrs., Washington, Pa.
Zakrzewsky, Herman, cornices, 6812 N. Clark, Chicago, Ill.
Zalesky, C. B., architect, Cedar Rapids, Ia.
Zan Bros., matches, Portland, Ore.
Zan Bros. & Co., brooms, 3546 19th, San Francisco, Cal.
Zander, J. C., machst. & fndr., Elma, Wash.
Zander, O. M., architect, Sheridan, Wyoming.
Zane, A. M., contractor, Land Title Bldg., Philadelphia, Pa.
Zane, G. W., & R. R., contractors, 16th & Wyoming, Phila., Pa.
Zanesville Art Pottery Co., Zanesville, O.
Zanesville Grain & Building Supply Co., Zanesville, O.
Zanesville Malleable Co., fdrs., Moxahala av, Zanesville, Ohio.
Zanesville Mould Co., Zanesville, Ohio.
Zanesville Stoneware Co., Zanesville, Ohio.
Zang, J. F., elec. fixtures, Johnstown, Pa.
Zanolini, Italo, architect, 604 Montgomery, San Francisco, Cal.
Zantzinger, C. C., architect, 139 S. 15th, Philadelphia, Pa.
Zapon Leather Cloth Co., 200 5th av, New York.
Zaput & Bendish, stone renovators, 254 W. 65th, New York.
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Havana, Cuba—J. F. Berndes & Co., Box 349.
Honolulu, H. I.—H. S. Gray & Co., 832 Fort
Johannesburg, So. Africa—Consolidated Pneumatic Tool Co., Ltd., 190 Main.

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Great Britain, Portugal, Spain } London—Consolidated Pneumatic Tool Co., Ltd., Egyptian House, 170 Piccadilly, W. I.
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LOCOMOTIVE CRANE CO.....399
Bucyrus, O.

AGENTS:

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Jacksonville, Fla.—Bisbee bldg
New York—30 Church
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Portland, Ore.—395 N. 18th
San Francisco, Cal.—Edw. R. Bacon Co., 51 Minna.
Seattle, Wash.—522 1st & S

LOWELL WRENCH CO.....1665
54 Commercial, Worcester, Mass.

AGENCIES:

New York—A. W. Secor, 76 Fulton.
San Francisco, Cal.—F. Somers Peterson Co., 60 Pine

LUMEN BEARING CO.....90
200 Lathrop, Buffalo, N. Y.

LUNKENHEIMER CO., THE.....1583
EXECUTIVE OFFICES & FACTORIES: Beekman & Waverly, Cincinnati, O.

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New York—64-68 Fulton.
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FOREIGN OFFICES:

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Sydney, Australia—A. Asher Smith, 56 Market

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McCULLOCH, A. P., MACHINE CO.....824
216 High, Boston, Mass.

McGANN, THOS. F. & SONS CO...175, 176, 177 & 239
117 Portland, Boston, Mass.

McGILL MFG. CO.....760
77 Oak, Valparaiso, Ind.

McMANN & TAYLOR CO.....1147
104 John, New York

McNAB CO......1497
Bridgeport, Conn.

McQUAY-NORRIS MANUFACTURING CO.....1261
2806-12 Locust, St. Louis, Mo.

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CANADIAN FACTORY:

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227 Campbell av, Detroit, Mich.

MACLEOD CO.,
2, 192, 193, 467, 559, 577, 580, 671, 711, 783, 890 & 1102.
2227 Bogen, Cincinnati, O.

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50 Church, New York

MACHINERY WAREHOUSE & SALES CO.....365
Old Colony bldg, Chicago, Ill.

MAGNETIC MFG. CO.....1334
Enterprise bldg, Milwaukee, Wis.

MAGNOLIA METAL CO.....65
113 Bank, New York.

MANHATTAN ELECTRICAL SUPPLY CO..87 & 1465
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BRANCH STORES:

110 W. 42 & 127 W. 125th, New York

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BRANCH HOUSES:
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San Francisco, Cal.—604 Mission
FACTORIES:
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Ravenna, Ohio.
St. Louis, Mo.

MANUFACTURERS' RECORD. **See Front Adv. Pages**
Water & Commerce, Baltimore, Md.

MARTELL PACKING CO., INC. 1091, 1092, 1094 & 1095
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1192 Adams, Boston, Mass.
BRANCH OFFICE:
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104 Gold, Worcester, Mass.

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25 Congress, Newark, N. J.

MERCHANT & EVANS CO ..... **See Front Adv. Pages**
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METAL PRODUCTS CO 17, 21, 378, 1567, 1640, & 1668
100 S. Jefferson, Chicago, Ill.

METAL SPECIALTY MFG. CO 73
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120 Broadway, New York

MEYER, HENRY H. CO 366
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MEYERS, FRED J. MFG. CO 731
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297 4th, Milwaukee, Wis.
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MODERN TOOL CO 433
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MODERN TOOL, DIE & MACHINE CO 434
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Fargo, N. D.—Crane & Ordway
Green Bay, Wis.—Morley-Murphy Hardware Co.
Kalispell, Mont.—Kalispell Mer. Co.
Kansas City, Mo.—Stowe Imp. Supply Co.
Crane Co.
Knoxville, Tenn.—Crane Co.
Little Rock, Ark.—Crane Co.
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Mobile, Ala.—Southern Hardware & Supply Co.
Montgomery, Ala.—Loeb Hardware Co.
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New Orleans, La.—The Fairbanks Co.
New York—J. S. Woodhouse
Oklahoma City, Okla.—Crane Co.
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Portland, Ore.—Mitchell, Lewis & Staver Co.
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Knapp & Spencer
Somersworth, N. H.—Brackett, Shaw & Lunt Co.
Spokane, Wash.—Mitchell, Lewis & Staver Co.

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Knight & Wall
Waco, Tex.—Herrick Hardware Co.
McLendon Hardware Co.
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W. W. Conde
Wichita, Kans.—Crane Co.
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London, Ont.—Hobbs Hardware Co., Ltd.
Manitoba, Man.—J. H. Ashdown Hdw. Co., Ltd.
Montreal, Que.—Lewis Bros., Ltd.
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Vancouver, B. C.—E. G. Prior Co., Ltd.
Victoria, B. C.—E. G. Prior Co., Ltd.
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781 E. 142nd, New York

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CANADIAN WORKS
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NORWALK IRON WORKS CO.....320
South Norwalk, Conn.

NUGENT, WM. W. & CO..536, 711, 799, 800, 872, 1072, 1073, 1074, 1075, 1193, 1220, 1360 & 1480.
146 W. Superior st., Chicago, Ill.
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New York, N. Y.—Electric Service Supplies Co., 50 Church
Philadelphia, Pa.—Electric Service Supplies Co., 17th & Cambria
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Zanesville, Ohio

OKONITE CO. 1647
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OTIS BOILER CO.....125
Oswego, N. Y.

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PLUNKET, JAS. E.....1607
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118 Liberty, New York
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Pittsburgh, Pa.—W. D. Carpenter, 252 Keystone bldg
Cleveland, O.—W. H. Hughes, 512 Hippodrome bldg
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QUADRIGA MFG. & SPECIALTY CO.....1614
213 W. Grand av, Chicago, Ill.

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RACINE TOOL & MACHINE CO.....866
Racine, Wis.

RAILWAY ROLLER BEARING CO.....92
Syracuse, N. Y.

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Pittsburgh, Pa.—Arrott bldg

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ROBERTS MFG. CO.....297
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Trenton & Roebling, N. J.
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2186 E. 65th, Cleveland, O.

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90 West, New York

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171 Johnson, Seneca Falls, N. Y.

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2558 W. 16th, Chicago, Ill.
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Tiffin, O.

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SCOVILL MFG. CO.....1403
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SCULLY-JONES & CO.....286
557 Railway Exchange bldg, Chicago, Ill.

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Fostoria, O.

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VULCAN FUEL ECONOMY CO.....586
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Milward, Henry & Sons, Ltd., Washford Mills, Redditch, England. Grand Prix Turin, 1911.

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ALLCOCK, S., & Co., Ltd. Standard Works, Redditch, England. Awards at twenty-five International Exhibitions. "Grand Prix," Paris, 1900.

Trade Mark

BARTLEET, WILLIAM & SON, LTD., (also needle makers, etc.), Abbey Mills, Redditch.

Fletcher, C. B., & Co., Eclipse Works, Redditch.

Milward, Henry & Sons, Ltd., Washford Mills, Redditch, England. "Grand Prix" Turin, 1911.

Woodfield, Wm., & Sons, Easemore Works, Redditch.

Fur & Skin Merchants

HUNT MATTHEW, established 1886, import, export & commission, 32 & 33 Queen street, London E. C. 4, England. Telegrams, "Peleteria, Phone, London."

Gauge Glass Manufacturers

Tomey, Joseph & Sons, Ltd., "Eureka" Scotch water gauge glasses. Est. 1853. Agents, Semon Bache & Co., New York.

Glycerine Mfrs. & Exporters

Tulloch William & Co., 30 George Square, Glasgow.

Hair Pin Manufacturers

Kirby, Beard & Co., Ltd., 7 Watling street, London, E. C. 4.

Harrow Discs Manufacturers

Tyzack, W. A., & Co., Stella Works, Hereford street, Sheffield.

Hide and Skin Factors

NELSON, WILLIAM, & CO. (FACTORS) LTD., Scotland Bridge, Manchester.

Horse Clothing Manufacturers

Bird, Robert, & Co., (Proprietors, C. W. Haslock & A. J. Haslock), Crewkerne, Somerset, England. Home & Export. Telegrams, "Bird, Crewkerne".

Jewellers

GOLDSMITHS & SILVERSMITHS COMPANY, LTD., with which is incorporated The Goldsmiths Alliance, Ltd., Cornhill E. C. Established 1751. Only address 112 Regent street, London W. 1.

No branches anywhere. Cable Add "Argennon, Reg, London."

Jewellers, dealers in diamonds & precious stones, silversmith, electro-platers, watch & clock makers. Hors Concours (beyond competition), at the Franco-British Exhibition & Highest Awards at all other Exhibitions. By appointment, Jewellers & Silversmith to H. M. The King.

Knitting Pins—Bone, Wood & Steel

Milward, Henry, & Sons, Ltd., Redditch, England. Sole agents for U. S., Spool Cotton Co., 315 4th av. (P. O. Box 187), New York.

Leather Factors & Merchants

NELSON, WILLIAM, & CO. (FACTORS), LTD., Scotland Bridge, Manchester.

Machine Knife Manufacturers

Tyzack, W. A., & Co., Stella Works, Hereford street, Sheffield.

Metal Manufacturers & Rollers

Dugard Bros., Ltd., Vulcan Mills, Birmingham.

Metal Rollers

Heaton & Dugard, Ltd., Shadwell street Mills, Birmingham.

Needle Manufacturers

BARTLEET, WILLIAM, & SONS, LTD., Abbey Mills, Redditch. Sole agents for U. S., Geo. A. Clark & Bro., P. O. Box 187, New York.

English, John, & Co., Ltd., Feckenham, near Redditch.

Kirby, Beard & Co., Ltd., 7 Watling St., London, E. C. 4.

Milward, Henry, & Sons, Ltd., Redditch, England. Sole agents for U. S., Spool Cotton Co., 315 4th av. (P. O. Box 187), New York.

Morris & Yeomans, Ltd., 6 Fell St., Wood St., London, E. C. & Astwood bank, Redditch; manfrs. of all kinds of needles, needle cases, hat, toilet & knitting pins, crochet hooks, &c., &c.

SMITH, JAS., & SON (Redditch) LTD. Head office & works, Astwood Bank, Redditch, & 9 Paper St., London E. C. 1. Sewing needles, hat pins, knitting pins & novelties.

SPENCER, CHARLES, 46 to 52 Edward St., Redditch (established 1820), Actual manufacturer of needles of every description, (1) surgical purposes, (2) upholstery & air craft work.

Thomas, S., & Sons, Ltd., British Needle & Fish Hook Mills, Redditch.

Woodfield, William, & Sons, Easemore Works, Redditch.

Needle Case Manufacturers

Kirby, Beard & Co., Ltd., 7 Watling street, London E. C. 4.

Needle Case Makers—Fancy

Woodfield, Wm., & Sons, Easemore Works, Redditch.

Newspaper Office Appliances

CRABTREE, R. W. & SON, Victoria Iron Works, Leeds, England. Telegrams, "Crab, Leeds."

Optical & Photographic Instrument Makers

Ross, Ltd., Optical Works, 3 North Side, Clapham Common, London S. W. 4 and at 13 & 14 Great Castle street, Oxford Circus W. 1, Telescopes, Photographic Lenses & Apparatus, Prism Binocular Field Glasses, etc.

Photographic Lens & Apparatus Manufacturers

Ross, Ltd., Optical Works, 3 North Side, Clapham Common, London S. W. 4 and at 13 & 14 Great Castle street, Oxford Circus W. 1, Telescopes, Photographic Lenses & Apparatus, Prism Binocular Field Glasses, etc.

Pin Manufacturers

Edelsten, John & Son, Warrington, England.
Kirby, Beard & Co., Ltd., 7 Watling street, London, E. C. 4.

Pitch Manufacturers

Westwood Macneill & Co., pitch, tar & creosote of all kinds, 145, Queen street, Glasgow.

Road Roller Manufacturers

McLaren, J. & H., Midland Engine Works, Leeds, England.

Saw Manufacturers

Tyzack, W. A., & Co., Stella Works, Hereford street, Sheffield.

Scythe and Sickle Manufacturers

Tyzack, W. A., & Co., Stella Works, Hereford street, Sheffield.

Seed Merchants

McMicken & Dixon, 36 Mark Lane, London, E. C., 3 Cables, "Bryce, London."

Sewing Machine Needle Manufacturers

Milward, Henry, & Sons, Ltd., Redditch, England. Sole agents for U. S., Spool Cotton Co., 315 4th avenue (P. O. Box 187), New York.

Spring Makers

Woodfield, William, & Sons, Easemore Works, Redditch; motor & cycle springs.

Steam Engine & Steam Boiler Manufacturers

Garrett, Richard & Sons, Ltd., engineers, Leiston, Suffolk, England. Established 1778. T. A. "Garrett, Leiston."

Steam Gauge Manufacturers

Tomey Joseph, & Sons, Ltd. Agents, Semon Bache & Co., New York.

Steam Plough Makers

McLaren, J. & H., Midland Engine Works, Leeds, England.

Stores Contractors

Phillips, John & Sons, Ltd., Dingley road, City road, London, E. C. 1, Contractors to the Admiralty, War Office & Allied Governments. Railway & Steamship Stores Contractors. Every description of old stores purchased. Aeroplane materials purchased. Large stock of second hand stores for disposal, every description. War stores, new, old & obsolete.

Phillips, John, & Sons, Ltd., Dingley road, City road, London, E. C. 1. Direct sponge importers. Largest stock of sponges in the world. Contractors to the Admiralty, War Office & Allied Governments.

Sugar Machinery Manufacturers

Blair, Campbell & McLean, Ltd., Woodville street, Govan, Glasgow, sugar machinery; refining, distilling & brewing plant, etc.

Surgical Needle Manufacturers

Milward, Henry, & Sons, Ltd., Washford mills, Redditch, England. "Grand Prix", Turin, 1911.

MOORE, GEORGE, National Wks., Redditch; & 30 Craven street, Strand, London, W. C.; surgical needles of every description; specialists in mounted & unmounted hypodermic needles. Established 1805.

Shrimpton, (Emil.), & Fletcher, Premiere works, Redditch, (Estab. 1810). The only firm making surgical needles exclusively.

SPENCER, CHARLES, 46 to 52 Edward street, Redditch (established 1820). Actual manufacturer; U. S. A. trade a specialty.

Woodfield, Wm., & Sons, Easemore Works, Redditch.

Traction Engine Makers

McLaren, J. & H., Midland Engine Works, Leeds, England.

Tube Manufacturers—Brass & Copper

Dugard Bros., Ltd., Vulcan mills, Birmingham.

Upholsterers' Needle Manufacturer

SPENCER, CHARLES, 46 to 52 Edward street, Redditch (established 1820). Actual manufacturer of every description of needles for upholstery & air craft work.

Web Manufacturers

BIRD ROBERT, & CO., (Proprietors, C. W. Haslock & A. J. Haslock), Crewkerne, Somerset, England. Manufacturers of saddlery & upholstery webs of all descriptions, also ready-made girths & rollers & horse clothing. Home & export. Telegrams, "Bird, Crewkerne."

Wire Drawers—Brass & Copper

Heaton & Dugard, Ltd., Shadwell street Mills, Birmingham; shaped wires & sections—solid

Wire Manufacturers

Rylands Bros., Ltd., Warrington, England.

Wire Manufacturers (Iron & Steel)

Rylands Bros., Ltd., Warrington, England.

Wire Netting Manufacturers

Rylands Bros., Ltd., Warrington, England.

Wire Rope Manufacturers

Rylands Bros., Ltd., Warrington, England.

Chemicals

Levy-Haussmann (sworn broker), 8 rue Volney, Paris, France. (See entry under Tallow.)

Cigarette Paper Manufacturer

GASTON D'ARGY, rue de Dunkerque 54, Paris, France.
Purveyor to the French Government.
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cardboard & paper
Machines for rolling centres of bobbins
POWDER WEIGHING MACHINES

Oils

Levy-Haussmann (sworn broker). (See entry under Tallow.)

Representative Agent

Chouillou L., rue Duphot 14, Paris, France. Established 1877. Tallow & greases, mineral, animal & seed oils, chemicals, wax, raw material.

Tallow

LEVY-HAUSSMANN, 8, rue Volney, Paris, France.
Sworn broker (near the Paris Commercial Courts). Successor of Ch. Nathan, 1870-1889, and Ed. Revel, 1889-1912.
Benzol, Coal Tar, Chemicals, Colours (raw products), Fish Oils, Glycerine, Greases, Hide & Skin, India Rubber, Gutta & Balata, Linseed Oil, Mineral Oil, Oleaginous Seeds, Oleine, Ore, Palm Oil, Potash (refined & caustic), Seed Oil, Stearine, Tallow (industry & edible), White Lead.
Telegraphic address "Reveled, Paris."
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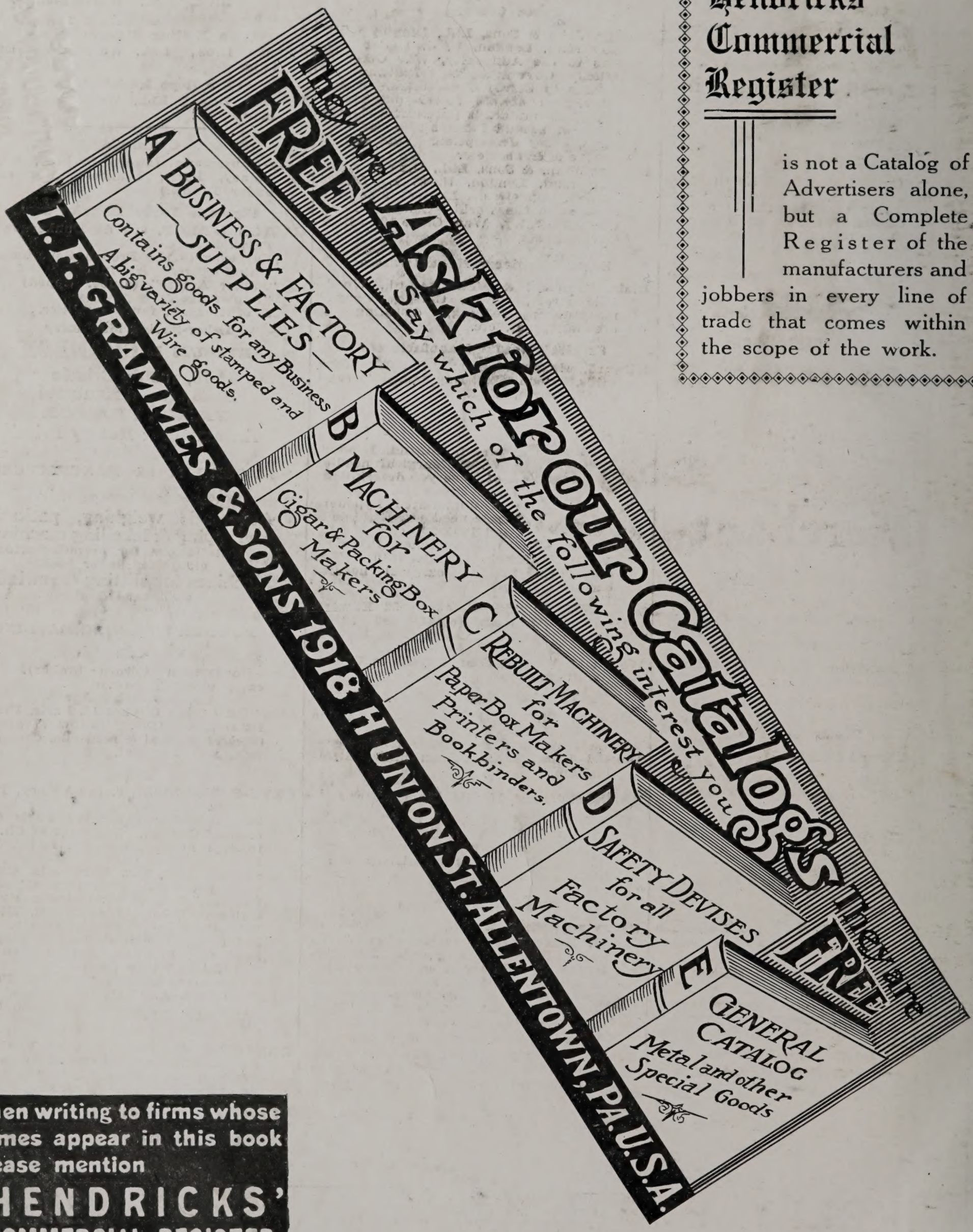

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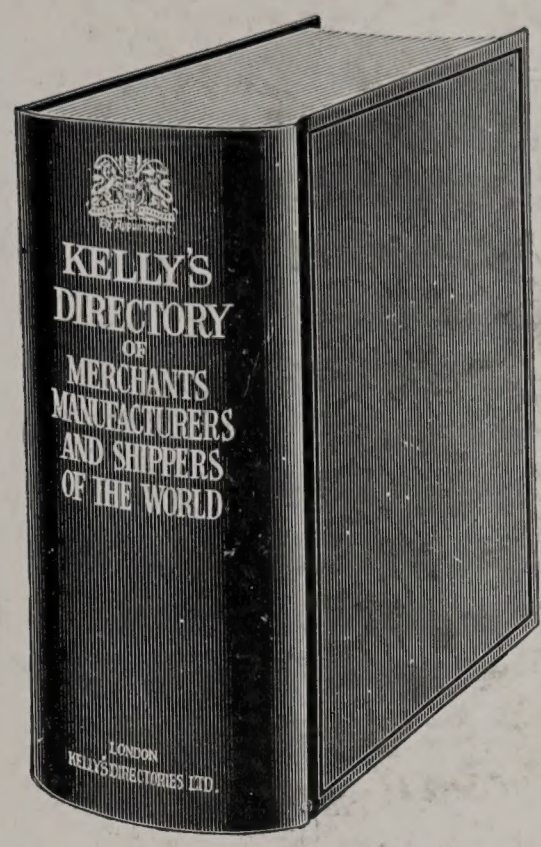

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